

02.08-01/19/95-
01562

CONTRACTOR'S CLOSEOUT REPORT
TIME CRITICAL REMOVAL ACTION FOR
PESTICIDE CONTAMINATED SOIL
OPERABLE UNIT 5, SITE 2
MCB CAMP LEJEUNE
JACKSONVILLE, NORTH CAROLINA

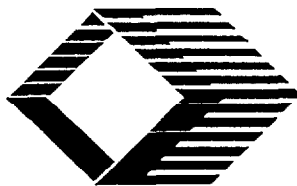
CONTRACT NO. N62470-93-D-3032
DELIVERY ORDER 0023

VOLUME III
(APPENDIX J)

Prepared for

Atlantic Division
Naval Facilities Engineering Command
Norfolk, Virginia

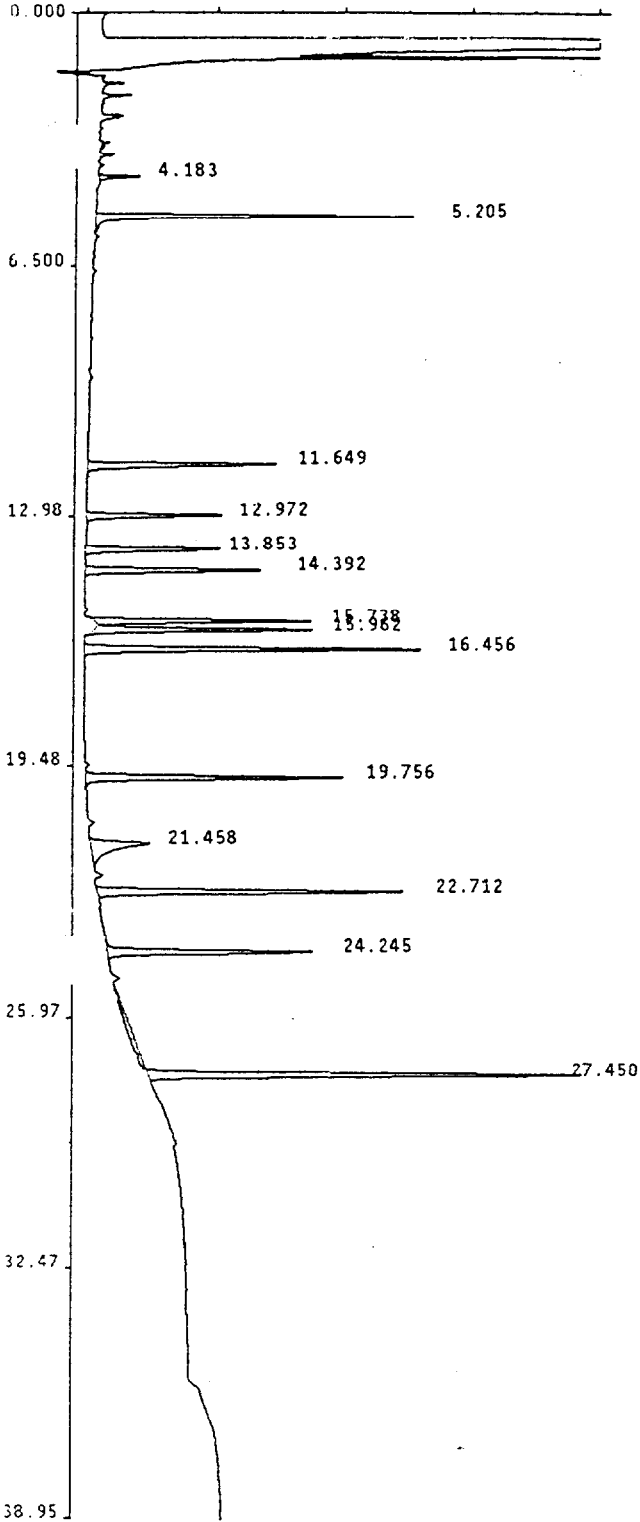
Prepared by



OHM Remediation
Services Corp.

January 1995

OHM Project No. 16207



Sample Name : INDBL1A
 Lab Id : INDBL1A .1
 Inst Id & Col : AD7_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D7P05JUL011.RES
 Inject Time : 0250 06Jul1994
 Run Status : RunStatusOK

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

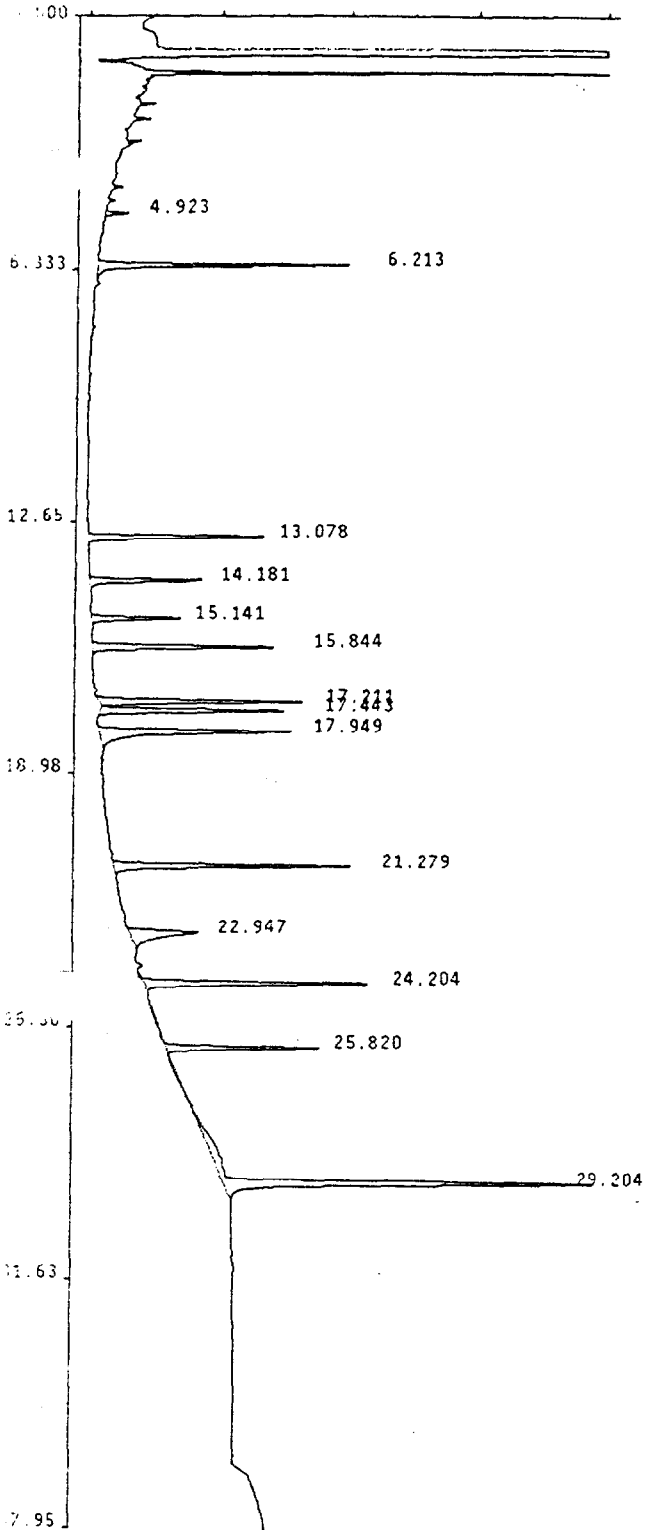
fl-6-94

PK #	RT	Area	Code	MASSng	Name
1	4.18	3625	BB	.000	
2	5.20	30419	BB	.005	TCX
3	11.65	23897	BB	.005	ALDRIN
4	12.97	15552	BB	.005	BETA-BHC
5	13.85	15003	BB	.005	DELTA-BHC
6	14.39	23682	BB	.005	H. EPOXIDE
7	15.74	26673	BB	.005	G. CHLORDANE
8	15.96	25903	BB	.005	A. CHLORDANE
9	16.46	43857	BB	.009	4,4'-DDE
10	19.76	33507	BB	.010	ENDOSULF. II
11	21.46	16673	BB	.010	ENDRIN ALDEH
12	22.71	39680	BB	.010	ENDO. SULFAT
13	24.24	27224	BB	.010	ENDRIN KETON
14	27.45	50934	BB	.009	DCB

Total Area: 376629

Method File: /DATA/METHOD/INDABQ7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1138 06Jul1994

Geimic Corporation Pest/PCB Report



Sample Name : INDBL1A INDBL3A
 Lab Id : INDBL1A .I
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M8P21JUL011.RES
 Inject Time : 1928 21Jul1994
 Run Status : EndOffBaseline
 SignalOverload

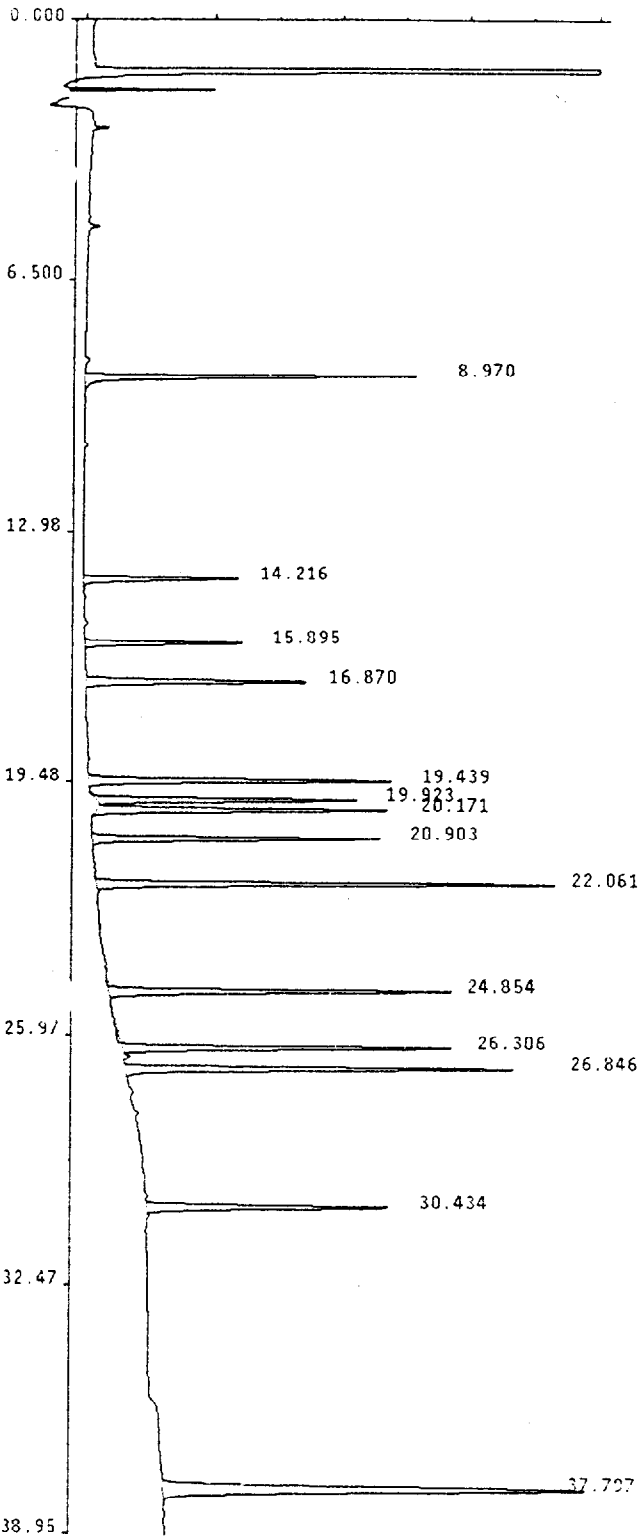
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	4.92	5108	PB	.001	
2	6.21	58295	Ba	.005	TCX
3	13.08	46407	BB	.004	ALDRIN
4	14.18	29572	BB	.004	BETA-BHC
5	15.14	23902	BB	.004	DELTA-BHC
6	15.84	52991	BB	.004	H. EPOXIDE
7	17.21	54977	BB	.004	G. CHLORDANE
8	17.44	53538	BB	.004	A. CHLORDANE
9	17.95	75981	BB	.009	4,4'-DDE
10	21.28	68104	BB	.009	ENDOSULF. II
11	22.95	38502	BB	.009	ENDRIN ALDEH
12	24.20	66717	BB	.008	ENDO. SULFAT
13	25.82	39944	BB	.007	ENDRIN KETON
14	29.20	162194	BB	.012	DC8

Handwritten signature and date: 7/25/94

Total Area: 776230

Method File: /DATA/METHOD/INDAB08.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1355 22Jul1994



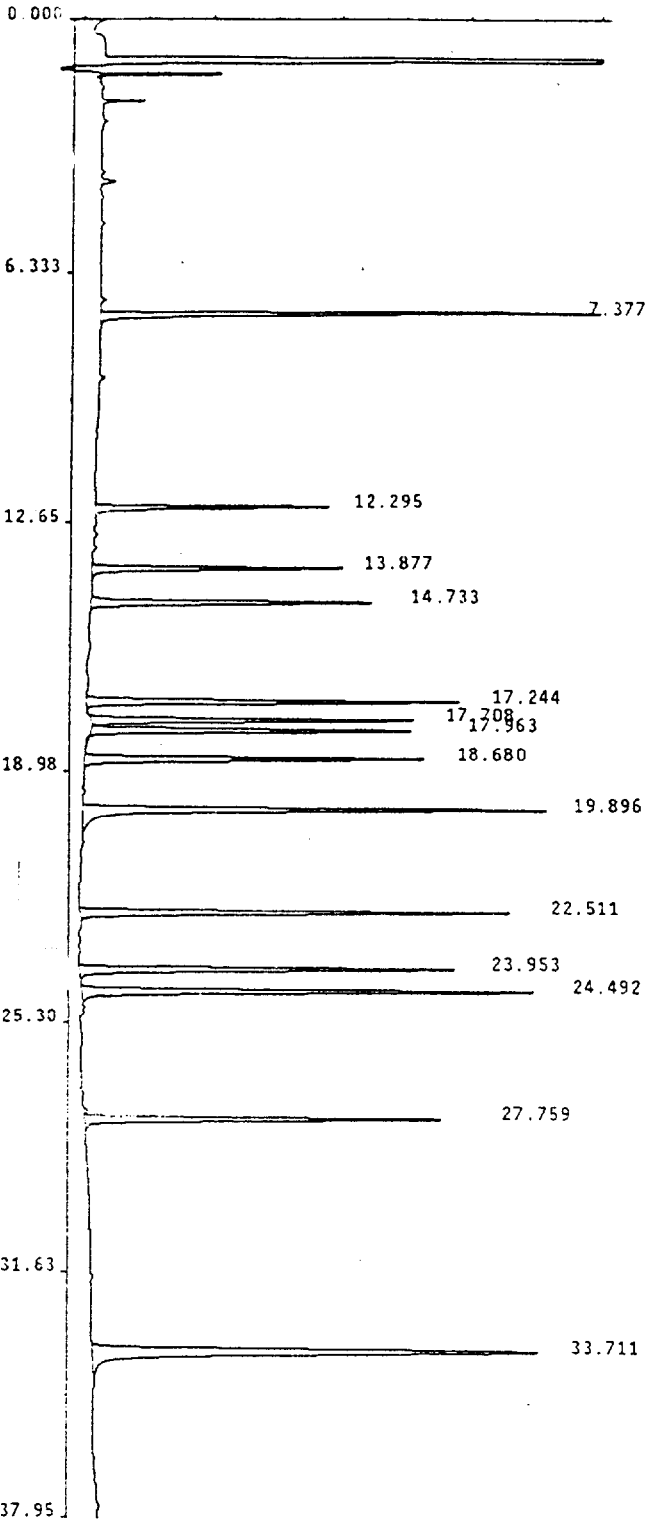
Sample Name : INDBLMOA
 Lab Id : INDBLMOA
 Inst Id & Col : AD6_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /CEIMIC20/D6P05JUL013.RES
 Inject Time : 0417 06Jul1994
 Run Status : RunStatusOK

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	8.97	42817	BB	.012	TCX
2	14.22	21027	BB	.011	BETA-BHC
3	15.90	21570	BB	.012	DELTA-BHC
4	16.87	34978	BB	.012	ALDRIN
5	19.44	46008	BB	.014	H. EPOXIDE
6	19.92	38028	BB	.031	
7	20.17	42629	BB	.011	G. CHLORDANE
8	20.90	45377	BB	.011	A. CHLORDANE
9	22.06	62544	BB	.023	4,4'-DDE
10	24.85	51251	BB	.026	ENDOSULF. II
11	26.31	45583	BB	.030	ENDRIN ALDEH
12	26.85	61018	BB	.024	ENDO. SULFAT
13	30.43	42279	BB	.024	ENDRIN KETON
14	37.80	109170	BB	.025	DCB

Total Area: 664281

Method File: /DATA/METHOD/QD6P05JUL.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1125 27Jul1994



Genmic Corporation Pest/PCR Report

Sample Name : INDBLMOA
 Lab Id : INDBLMOA, 1
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /CEIMIC20/M9P21JUL013.RES
 Inject Time : 2057 21Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

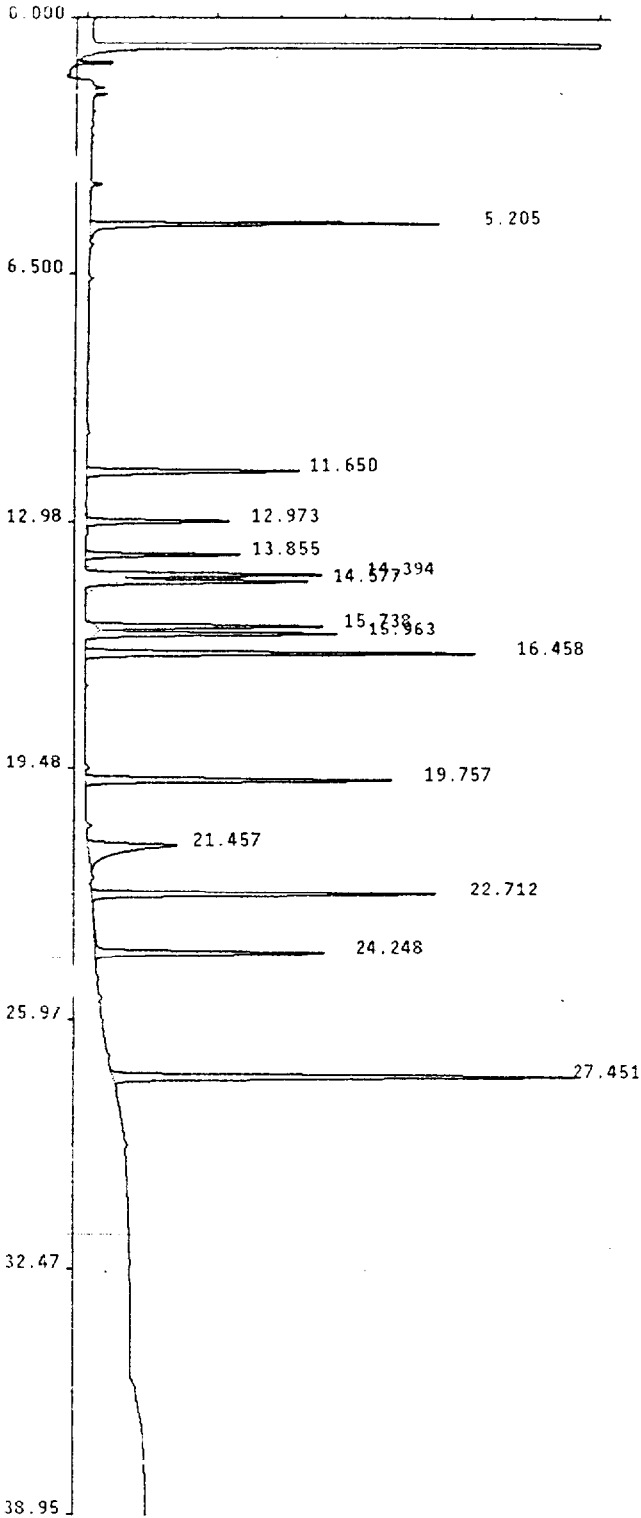
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	7.38	119833	BB	.011	TCX
2	12.29	62660	BB	.010	BETA-BHC
3	13.88	70217	BB	.011	DELTA-BHC
4	14.73	93025	BB	.011	ALDRIN
5	17.24	117170	BB	.013	H. EPOXIDE
6	17.71	98870	BB	.022	
7	17.96	102524	BB	.010	G. CHLORDANE
8	18.68	108725	BB	.011	A. CHLORDANE
9	19.90	161455	BB	.020	4,4'-DDE
10	22.51	136140	BB	.024	ENDOSULF.II
11	23.95	125619	BB	.029	ENDRIN ALDEH
12	24.49	146368	BB	.022	ENDO. SULFAT
13	27.76	122417	BB	.021	ENDRIN KETON
14	33.71	233125	BB	.024	DCB

SM 7/27/94

Total Area: 1698146

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1133 27Jul1994



Sample Name : INDBLM1A
 Lab Id : INDBLM1A
 Inst Id & Col : AD7_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /CEIMIC20/D7P05JUL013.RES
 Inject Time : 0417 06Jul1994
 Run Status : RunStatusOK

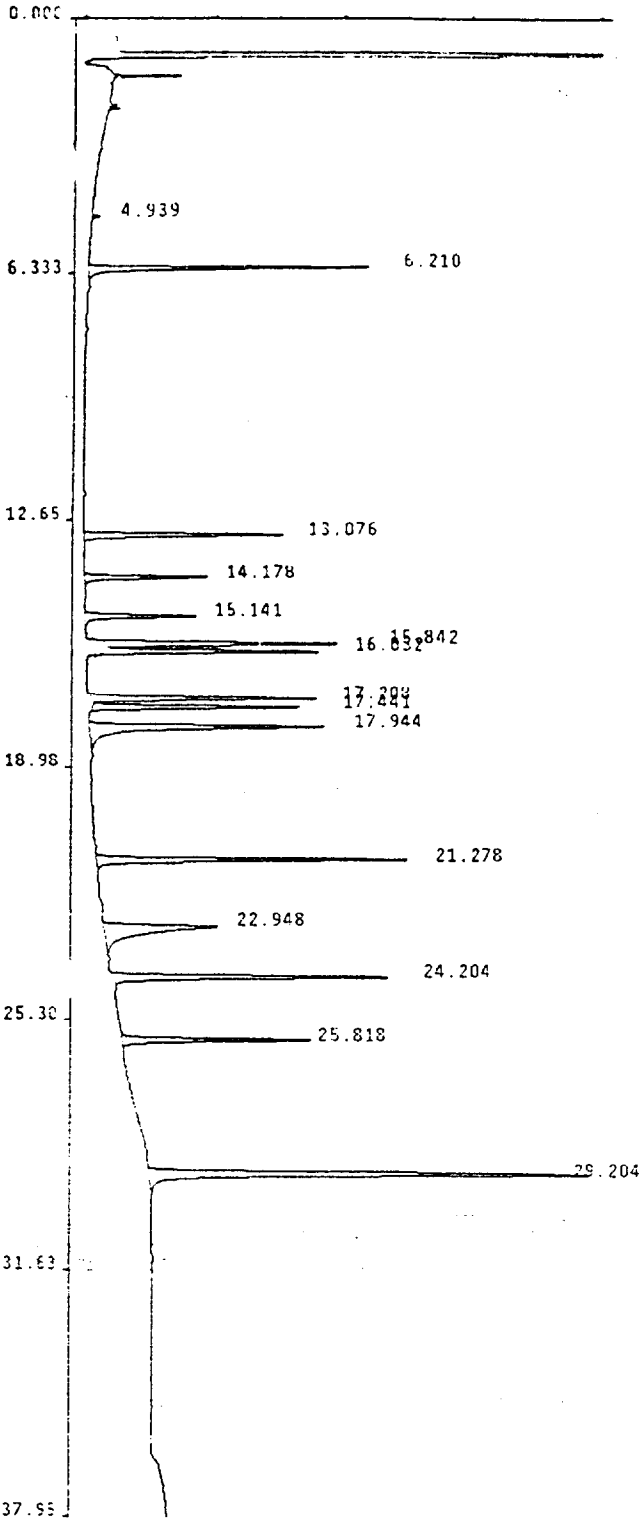
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Handwritten signature

Pk #	RT	Area	Code	MASSng	Name
1	5.21	70846	BB	.012	TCX
2	11.65	57363	BB	.011	ALDRIN
3	12.97	34853	BB	.011	BETA-BHC
4	13.86	37232	BB	.012	DELTA-BHC
5	14.39	49691	BB	.010	H. EPOXIDE
6	14.58	38384	BB	.004	
7	15.74	58881	BB	.011	G. CHLORDANE
8	15.96	59988	BB	.012	A. CHLORDANE
9	16.46	105771	BB	.022	4,4'-DDE
10	19.76	84947	BB	.026	ENDOSULF. II
11	21.46	54209	BB	.032	ENDRIN ALDEH
12	22.71	96629	BB	.024	ENDO. SULFAT
13	24.25	67089	BB	.024	ENDRIN KETON
14	27.45	138122	BB	.025	DCB

Total Area: 954005

Method File: /DATA/METHOD/QD7P05JUL.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1122 27Jul1994



Sample Name : INDBLM1A
 Lab Id : INDBLM1A, I
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /CEIMIC20/M8P21JUL013.RES
 Inject Time : 2057 21Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

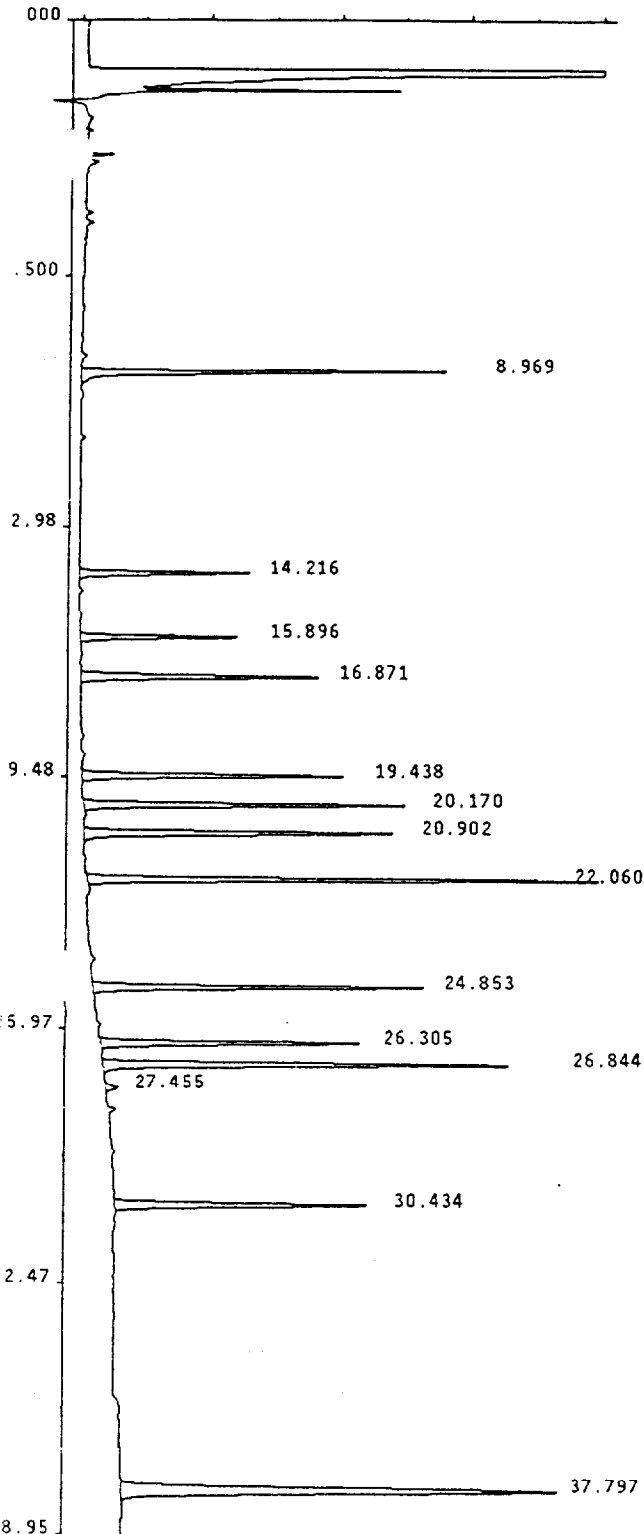
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	4.94	3216	VB	.001	
2	6.21	128088	BB	.011	TCX
3	13.08	107465	BB	.010	ALDRIN
4	14.18	67446	BB	.010	BETA-BHC
5	15.14	63612	BB	.011	DELTA-BHC
6	15.84	131741	BB	.011	H. EPOXIDE
7	16.03	104140	BB	.023	
8	17.21	122906	BB	.010	G. CHLORDANE
9	17.44	124881	BB	.010	A. CHLORDANE
10	17.94	184991	BB	.021	4,4'-DDE
11	21.28	179944	BB	.023	ENDOSULF. II
12	22.95	143370	BB	.033	ENDRIN ALDEH
13	24.20	165530	BB	.020	ENDO. SULFAT
14	25.82	109190	BB	.020	ENDRIN KETON
15	29.20	323561	BB	.024	DCB

Sm 7/27/94

Total Area: 1960083

Method File: /DATA/METHOD/INDAB08.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1053 27Jul1994



Sample Name : INDBMOA
 Lab Id : INDBMOA .I
 Inst Id & Col : AD6_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D6P05JUL015.RES
 Inject Time : 0543 06Jul1994
 Run Status : RunStatusOK

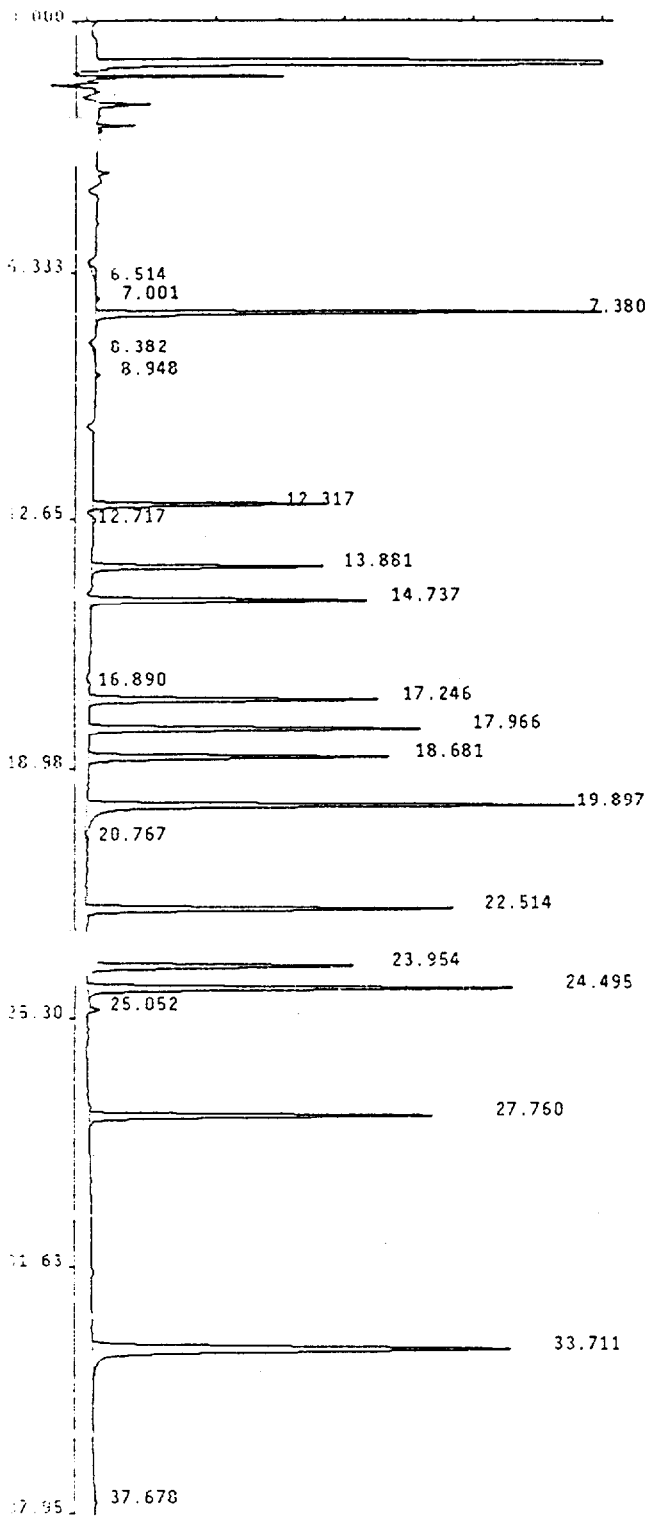
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Handwritten: 7-6-94

PK #	RT	Area	Code	MASSng	Name
1	8.97	76439	BB	.022	TCX
2	14.22	38182	BB	.020	BETA-BHC
3	15.90	35013	BB	.020	DELTA-BHC
4	16.87	60584	BB	.020	ALDRIN
5	19.44	64041	BB	.020	H. EPOXIDE
6	20.17	79119	BB	.020	G. CHLORDANE
7	20.90	79516	BB	.020	A. CHLORDANE
8	22.06	110050	BB	.040	4,4'-DDE
9	24.85	78983	BB	.040	ENDOSULF. II
10	26.31	60484	BB	.040	ENDRIN ALDEH
11	26.84	103282	BB	.040	ENDO. SULFAT
12	27.45	3757	BB	.003	
13	30.43	71599	BB	.040	ENDRIN KETON
14	37.80	183842	BB	.042	DCB

Total Area: 1044890

Method File: /DATA/METHOD/INDABQ6.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1025 06Jul1994



Sample Name : INDBMOA *INDBMLA*
 Lab Id : INDBMOA.I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL015.RES
 Inject Time : 2226 21Jul1994
 Run Status : RunStatusOK
 SpecialInteg

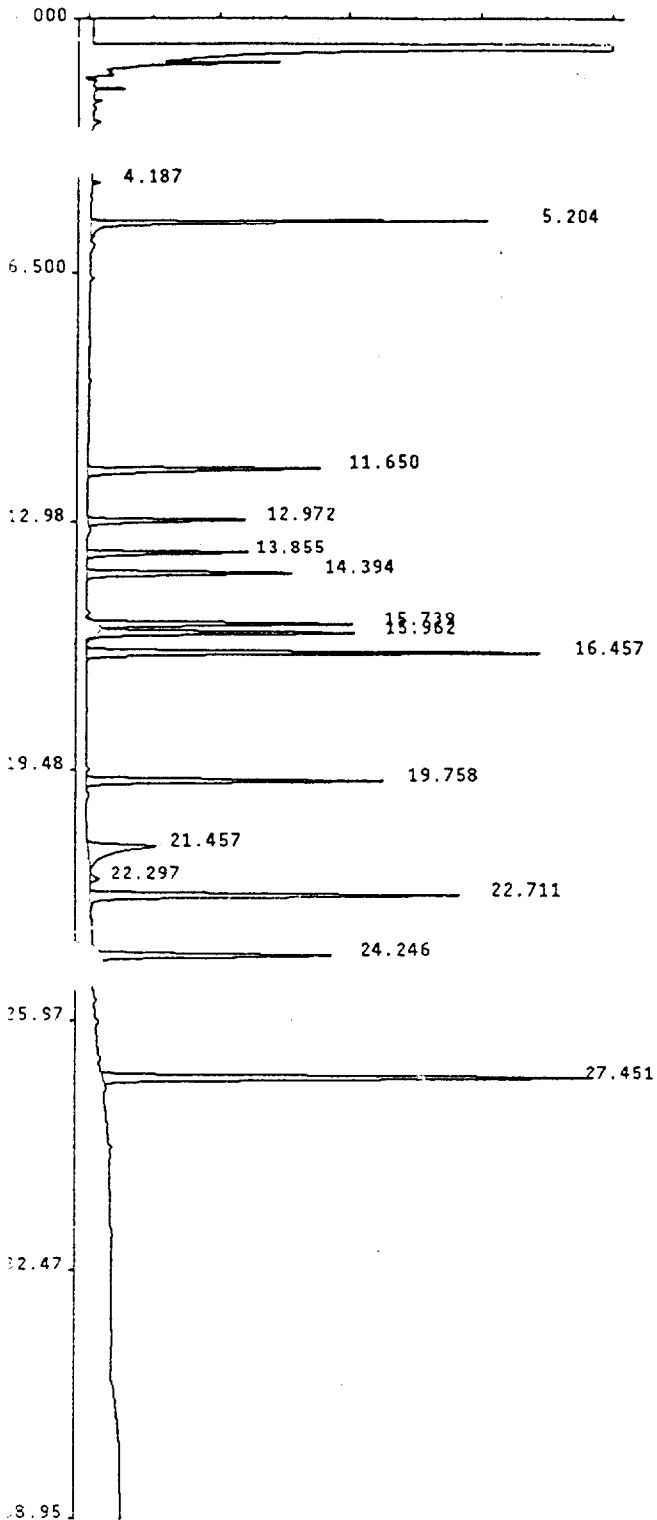
Multilevel : False
 Application : Loop
 Quantitation : AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	6.51	9121	BB	.002	
2	7.00	2326	BB	.001	
3	7.38	229381	BB	.022	TCX
4	8.38	3741	BB	.001	
5	8.95	2732	BB	.001	
6	12.32	119452	FF	.020	BETA-BHC
7	12.72	2525	FF	.001	
8	13.88	127515	BB	.020	DELTA-BHC
9	14.74	172432	BB	.020	ALDRIN
10	16.89	3376	BB	.001	
11	17.25	179264	BB	.020	H. EPOXIDE
12	17.97	211920	BB	.020	G. CHLORDANE
13	18.68	191355	BB	.020	A. CHLORDANE
14	19.90	322140	BB	.040	4,4'-DDE
15	20.77	2808	BB	.001	
16	22.51	228844	BB	.040	ENDOSULF.II
17	23.95	176080	BB	.040	ENDRIN ALDEH
18	24.49	272207	BB	.040	ENDO. SULFAT
19	25.05	5723	BB	.001	
20	27.70	227793	BB	.040	ENDRIN KETON
21	33.71	425414	BB	.043	DCB
22	37.68	2887	BB	.001	

Handwritten signature/initials

Total Area: 2919036

Method File: /DATA/METHOD/QM9P21JUL.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1705 25Jul1994



Sample Name : INDBM1A
 Lab Id : INDBM1A ,I
 Inst Id & Col : AD7_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D7P05JUL015.RES
 Inject Time : 0543 06Jul1994
 Run Status : RunStatusOK

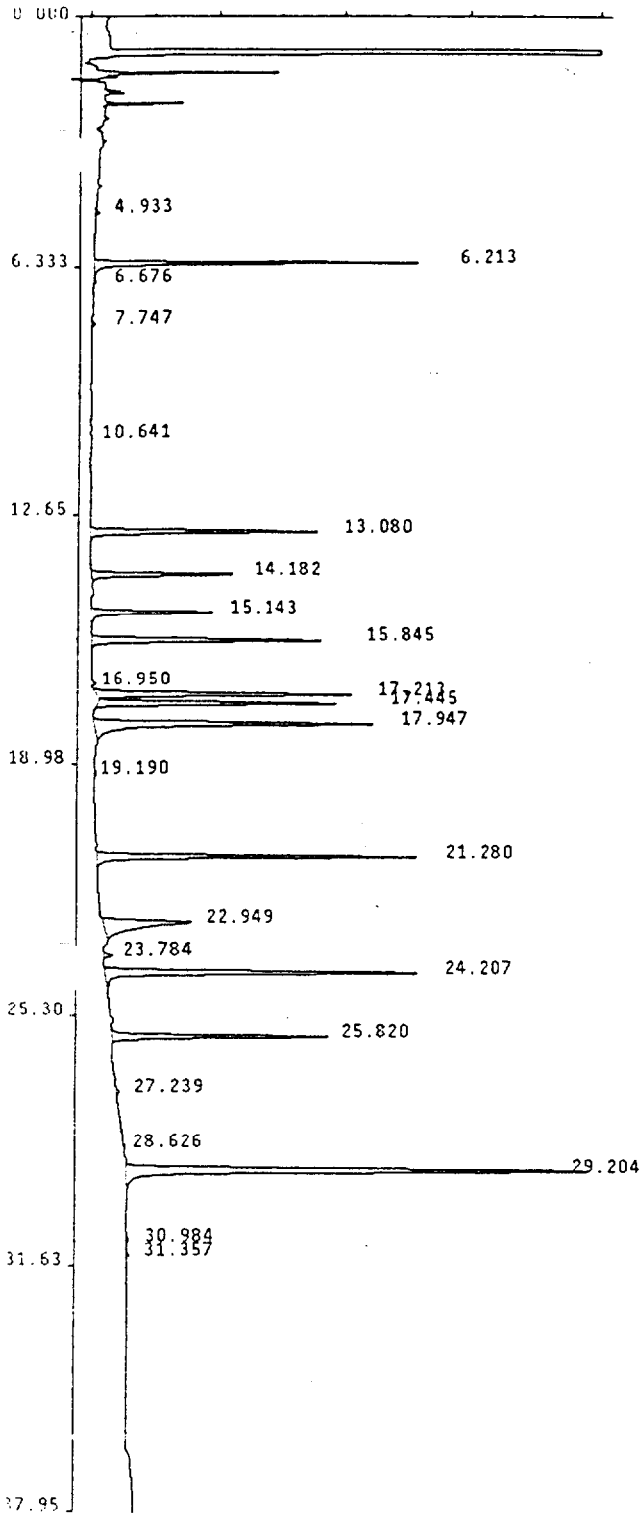
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

JL 7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	2640	BB	.000	
2	5.20	127731	BB	.022	TCX
3	11.65	100482	BB	.020	ALDRIN
4	12.97	62085	BB	.020	BETA-BHC
5	13.85	61356	BB	.020	DELTA-BHC
6	14.39	95128	BB	.020	H. EPOXIDE
7	15.74	106296	BB	.020	G. CHLORDANE
8	15.96	103536	BB	.020	A. CHLORDANE
9	16.46	191541	BB	.040	4,4'-DDE
10	19.76	131368	BB	.040	ENDOSULF. II
11	21.46	66898	BB	.040	ENDRIN ALDEH
12	22.30	5110	BB	.001	
13	22.71	163587	BB	.040	ENDO. SULFAT
14	24.25	114067	BB	.040	ENDRIN KETON
15	27.45	231302	BB	.042	DCB

Total Area: 1563126

Method File: /DATA/METHOD/INDA8Q7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1141 06Jul1994



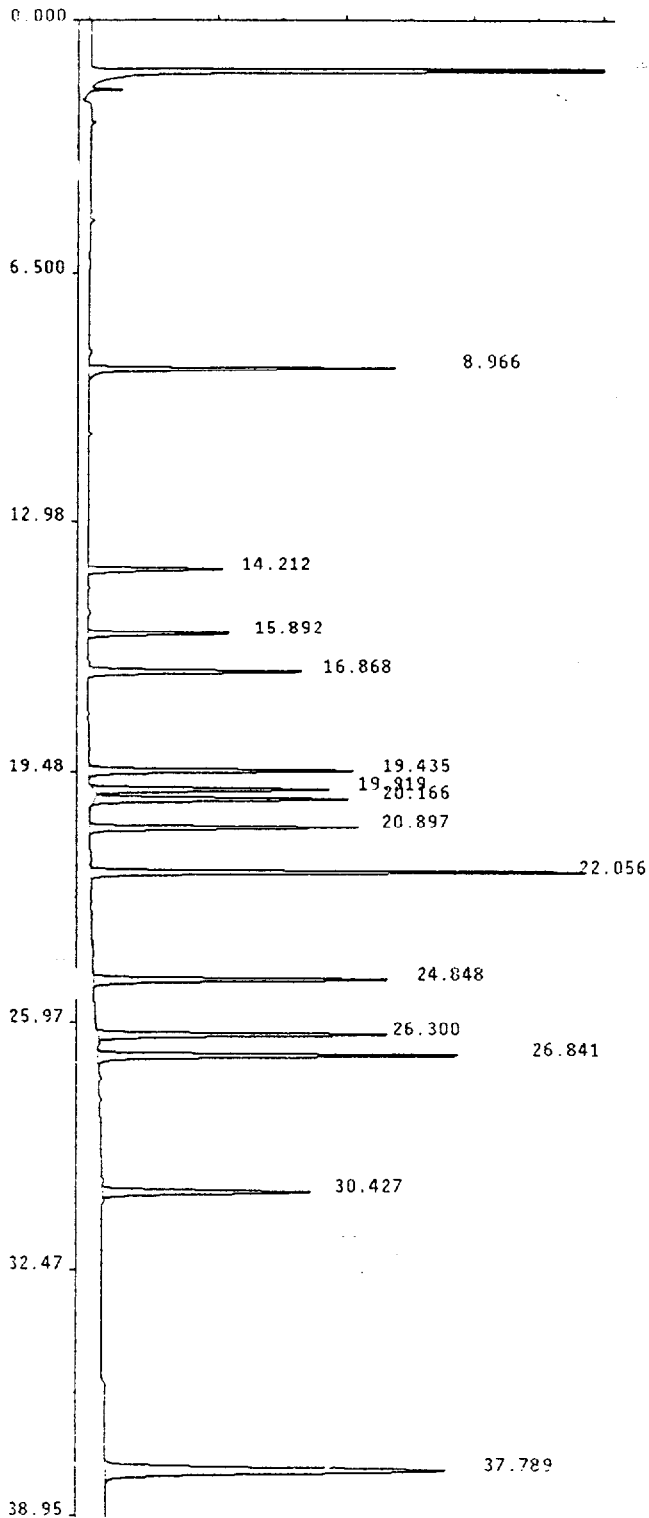
Sample Name : INDBM1A *INDBM1A*
 Lab Id : INDBM1A .1
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M8P21JUL015.RES
 Inject Time : 2226 21Jul1994
 Run Status : EndOffBaseline
 SignalOverload

PK #	RT	Area	Code	MASSng	Name
1	4.93	2931	PB	.001	
2	6.21	246922	BB	.021	TCX
3	6.68	2254	BB	.000	
4	7.75	2661	BB	.001	
5	10.64	2082	BB	.000	
6	13.08	206761	BB	.020	ALDRIN
7	14.18	131734	BB	.020	BETA-BHC
8	15.14	115897	BB	.020	DELTA-BHC
9	15.85	237953	BB	.020	H. EPOXIDE
10	16.95	4227	BB	.000	ENDOSULF. I
11	17.21	246528	BB	.020	G. CHLORDANE
12	17.44	240482	BB	.020	A. CHLORDANE
13	17.95	351281	BB	.040	4,4'-DDE
14	19.19	2446	BB	.001	
15	21.28	318530	BB	.040	ENDOSULF. II
16	22.95	173768	BB	.040	ENDRIN ALDEH
17	23.78	8215	BB	.002	
18	24.21	331453	BB	.040	ENDO. SULFAT
19	25.82	214891	BB	.040	ENDRIN KETON
20	27.24	3599	BB	.001	
21	28.63	6242	BB	.001	
22	29.20	589142	BB	.044	DCB
23	30.98	3132	BB	.001	
24	31.36	3496	BB	.001	

J 7/25/94

Total Area: 3446630

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1357 22Jul1994



Sample Name : INDBMHOA
 Lab Id : INDBMHOA
 Inst Id & Col : AD6_1, D8608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /CEIMIC20/D6P05JUL017.RES
 Inject Time : 0710 06Jul1994
 Run Status : RunStatusOK

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

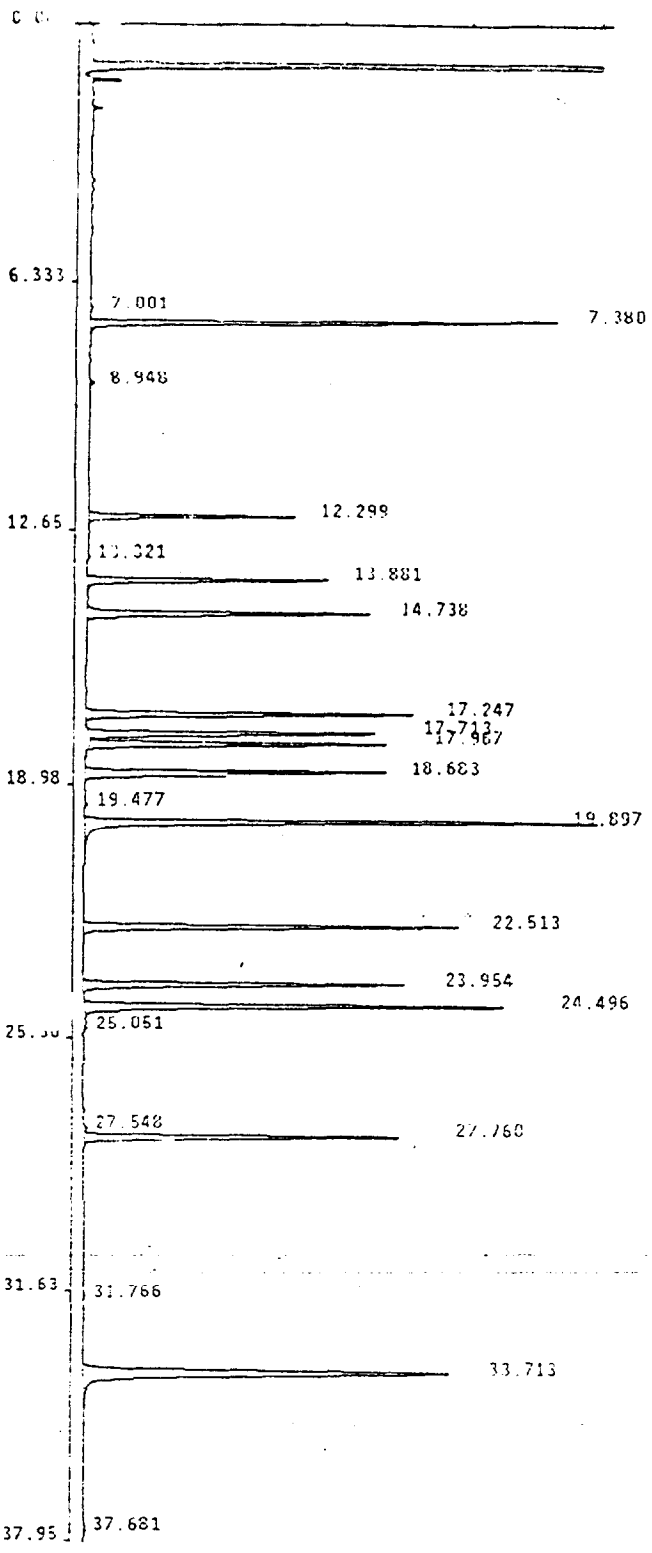
7-26-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	174699	BB	.049	TCX
2	14.21	80218	BB	.042	BETA-BHC
3	15.89	82733	BB	.047	DELTA-BHC
4	16.87	145134	BB	.048	ALDRIN
5	19.44	175039	BB	.055	H. EPOXIDE
6	19.92	150914	BB	.121	
7	20.17	164576	BB	.042	G. CHLORDANE
8	20.90	179701	BB	.045	A. CHLORDANE
9	22.06	285960	BB	.104	4,4'-DDE
10	24.85	193535	BB	.098	ENDOSULF. II
11	26.30	177784	BB	.118	ENDRIN ALDEH
12	26.84	251551	BB	.097	ENDO. SULFAT
13	30.43	159971	BB	.089	ENDRIN KETON
14	37.79	400851	BB	.092	DCB

Total Area: 2622665

Method File: /DATA/METHOD/QD6P05JUL.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1127 27Jul1994

Sample Name : INDBMH0A
 Lab Id : INDBMH0A, I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /CEIMIC20/M9P21JUL017.RES
 Inject Time : 2354 21Jul1994
 Run Status : RunStatusOK



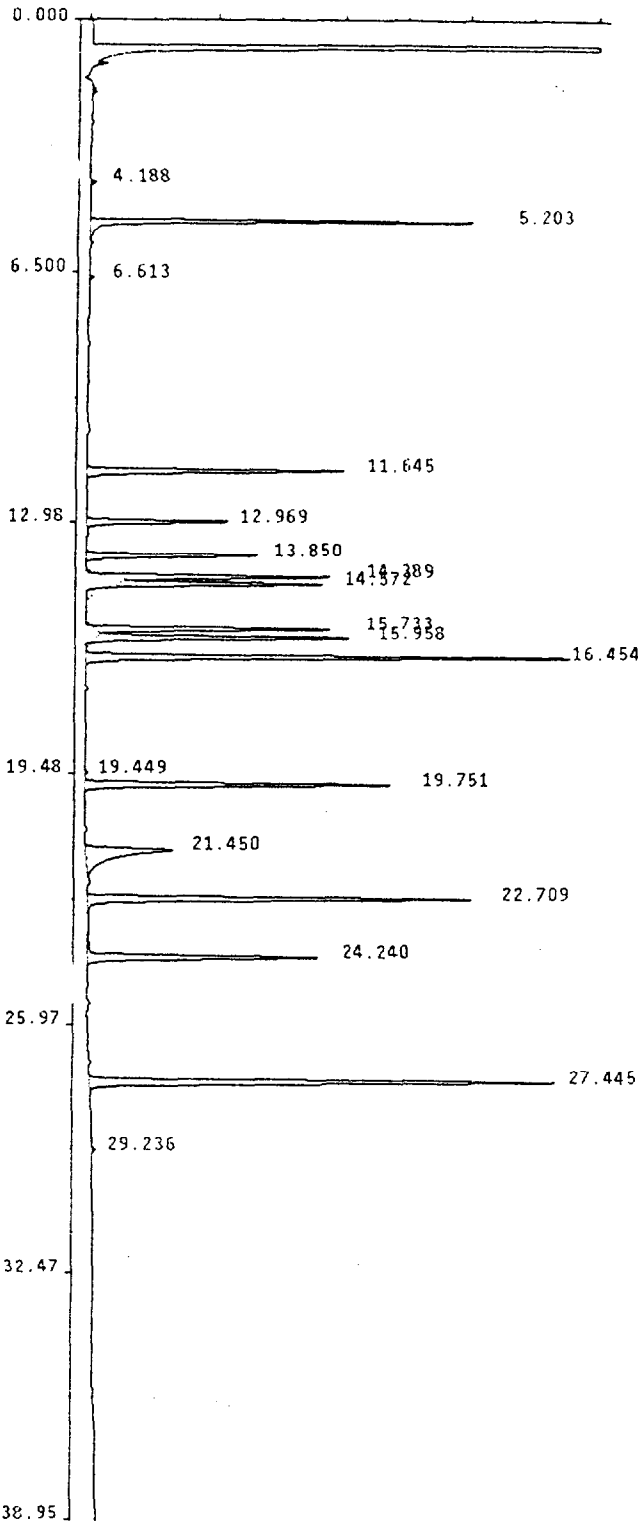
PK #	RT	Area	Code	MASSng	Name
1	7.00	3412	BB	.001	
2	7.38	484424	BB	.046	TCX
3	8.95	5474	BB	.001	
4	12.30	241630	BB	.040	BETA-BHC
5	13.32	4681	BB	.000	HEPTACHLOR
6	13.88	292887	BB	.046	DELTA-BHC
7	14.74	391599	BB	.045	ALDRIN
8	17.25	454992	BB	.051	H. EPOXIDE
9	17.71	396992	BB	.087	
10	17.97	410332	BB	.039	G. CHLORDANE
11	18.68	431569	BB	.045	A. CHLORDANE
12	19.48	3029	BB	.001	
13	19.90	704152	BB	.087	4,4'-DDE
14	22.51	533407	BB	.093	ENDOSULF. II
15	23.95	473444	BB	.108	ENDRIN ALDEH
16	24.50	598224	BB	.088	ENDO. SULFAT
17	25.05	2952	BB	.001	
18	27.55	2163	BB	.000	
19	27.76	470514	BB	.083	ENDRIN KETON
20	31.77	3245	BB	.001	
21	33.71	850322	BB	.087	DCB
22	37.68	5164	BB	.001	

SM
7/27/94

Total Area: 6764609

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1135 27Jul1994

Ceimic Corporation Pest/PCB Report



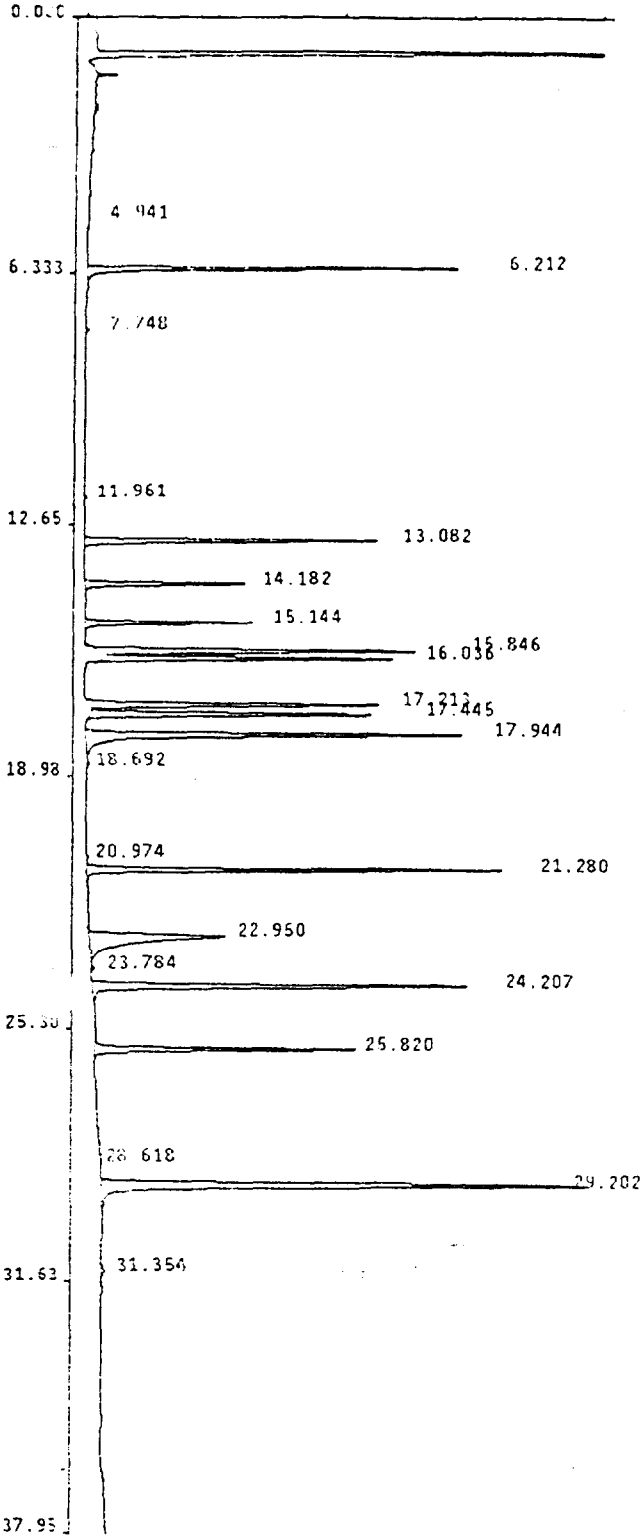
Sample Name : INDBMH1A
 Lab Id : INDBMH1A
 Inst id & Col : AD7_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /CEIMIC20/D7P05JUL017.RES
 Inject Time : 0710 06Jul1994
 Run Status : RunStatusOK

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	4.19	3897	BB	.000	
2	5.20	295173	BB	.050	TCX
3	6.61	3073	BB	.000	
4	11.65	247647	BB	.049	ALDRIN
5	12.97	133404	BB	.043	BETA-BHC
6	13.85	150695	BB	.049	DELTA-BHC
7	14.39	209001	BB	.044	H. EPOXIDE
8	14.57	147920	BB	.016	
9	15.73	235371	BB	.044	G. CHLORDANE
10	15.96	240096	BB	.046	A. CHLORDANE
11	16.45	492456	BB	.103	4,4'-DDE
12	19.45	3443	BB	.000	
13	19.75	322151	BB	.098	ENDOSULF. II
14	21.45	207431	BB	.124	ENDRIN ALDEH
15	22.71	399410	BB	.098	ENDO. SULFAT
16	24.24	253380	BB	.089	ENDRIN KETON
17	27.45	524486	BB	.095	DCB
18	29.24	5537	BB	.001	

Total Area: 3874569

Method File: /DATA/METHOD/QD7P05JUL.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1123 27Jul1994



Sample Name : INDBMH1A
 Lab Id : INDBMH1A, I
 Inst Id & Col : AD8_1, D81701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /CEIMIC20/HBP21JUL017.RES
 Inject Time : 2354 21Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

SM
7/27/94

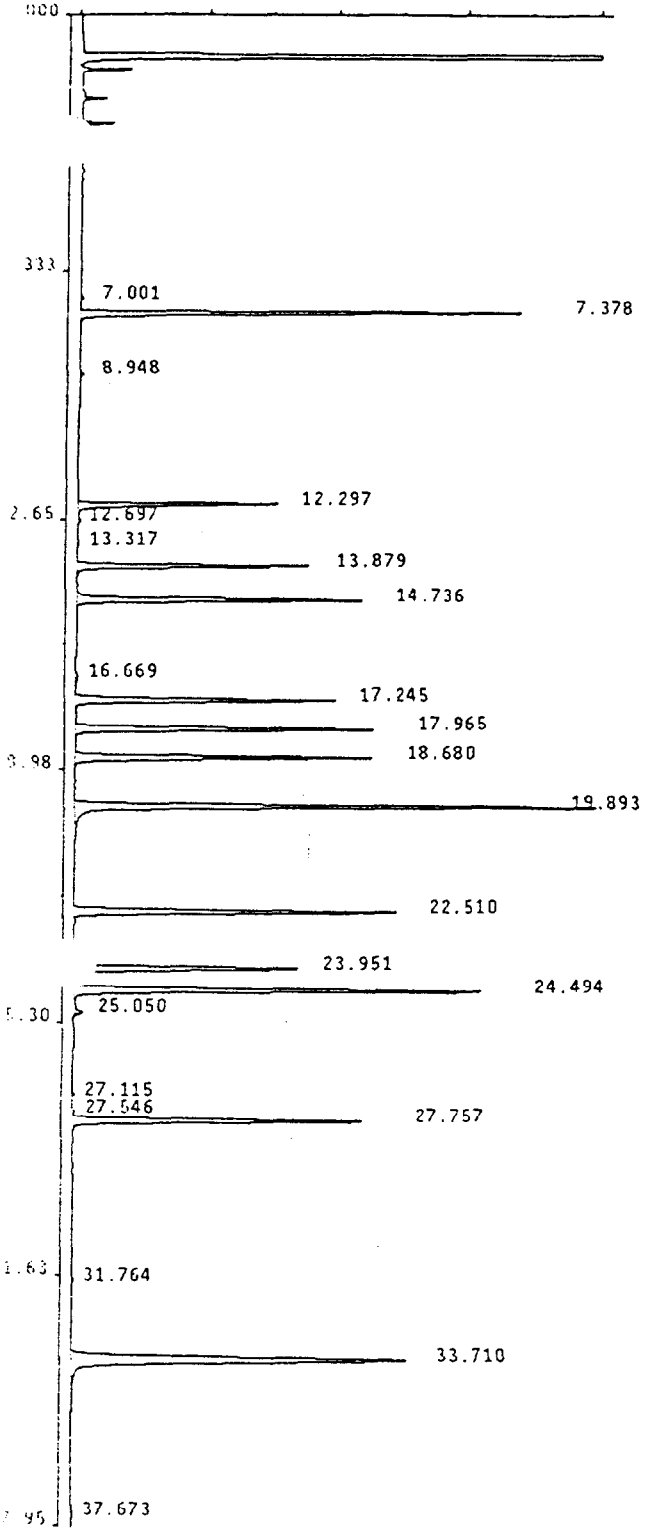
PK #	RT	Area	Code	MASSng	Name
1	4.94	2663	VB	.001	
2	6.21	520367	BB	.045	TCX
3	7.75	5249	BB	.001	
4	11.96	4821	BB	.000	HEPTACHLOR
5	13.08	469708	BB	.045	ALDRIN
6	14.18	273873	BB	.042	BETA-BHC
7	15.14	278356	BB	.048	DELTA-BHC
8	15.85	551789	BB	.046	H. EPOXIDE
9	16.04	449174	BB	.099	
10	17.21	512798	BB	.042	G. CHLORDANE
11	17.45	519115	BB	.043	A. CHLORDANE
12	17.94	814634	BB	.093	4,4'-DDE
13	18.69	3828	BB	.001	
14	20.97	2059	BB	.000	
15	21.28	753274	BB	.095	ENDOSULF. II
16	22.95	559475	BB	.129	ENDRIN ALDEH
17	23.78	5126	BB	.001	
18	24.21	726070	BB	.088	ENDO. SULFAT
19	25.82	494011	BB	.092	ENDRIN KETON
20	28.62	6699	BB	.001	
21	29.20	1166846	BB	.087	DCB
22	31.35	6962	BB	.002	

Total Area: 8126897

Method File: /DATA/METHOD/INDAB08.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1100 27Jul1994

Seismic Corporation Pest/PCB Report

Sample Name : INDBHOA ⁷⁻²⁶ INDBH1A
 Lab Id : INDBHOA , I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : false
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/M9P21JUL019.RES
 Inject Time : 0123 22Jul1994
 Run Status : RunStatusOK



PK #	RT	Area	Code	MASSng	Name
1	7.00	6717	BB	.001	
2	7.38	835415	BB	.080	TCX
3	8.95	9394	BB	.002	
4	12.30	425400	BB	.071	BETA-BHC
5	12.70	5861	BB	.001	
6	13.32	4109	BB	.000	HEPTACHLOR
7	13.88	497734	BB	.078	DELTA-BHC
8	14.74	706215	BB	.082	ALDRIN
9	16.67	12783	BB	.003	
10	17.24	645926	BB	.072	H. EPOXIDE
11	17.96	772211	BB	.073	G. CHLORDANE
12	18.68	761429	BB	.080	A. CHLORDANE
13	19.89	1291888	BB	.160	4,4'-DDE
14	22.51	813292	BB	.142	ENDOSULF. II
15	23.95	595946	BB	.135	ENDRIN ALDEH
16	24.49	1028842	BB	.151	ENDO. SULFAT
17	25.05	18323	BB	.004	
18	27.12	4288	BB	.001	
19	27.55	4048	BB	.001	
20	27.76	783556	BB	.138	ENDRIN KETON
21	31.76	5366	BB	.001	
22	33.71	1402970	BB	.143	DCB
23	37.67	9098	BB	.002	

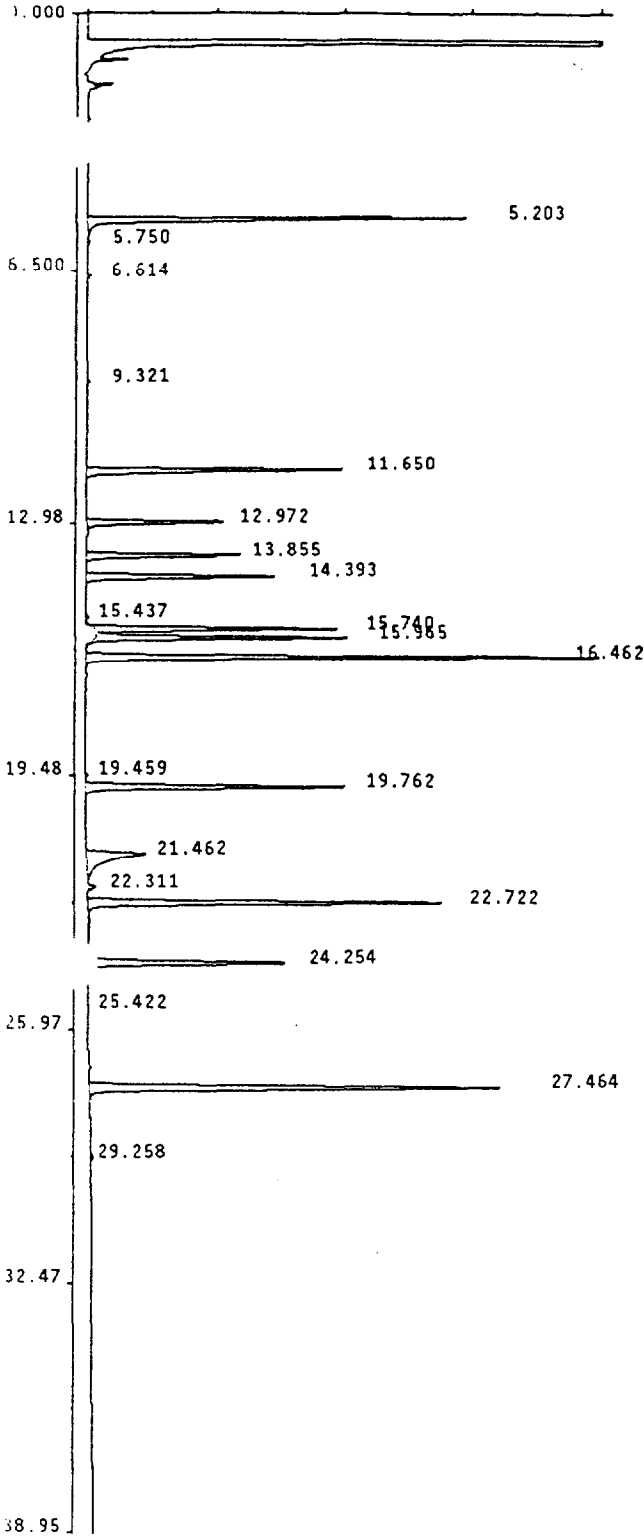
J. Smith
 7/26/94

Total Area: 10640812

Method File: /DATA/METHOD/QM9P21JUL.MTH

Format File: /DATA/FORMAT/DUAL_COL.FMT

Report Time: 2049 25Jul1994



Sample Name : INDBH1A
 Lab Id : INDBH1A ,I
 Inst Id & Col : AD7_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D7P05JUL019.RES
 Inject Time : 0837 06Jul1994
 Run Status : RunStatusOK

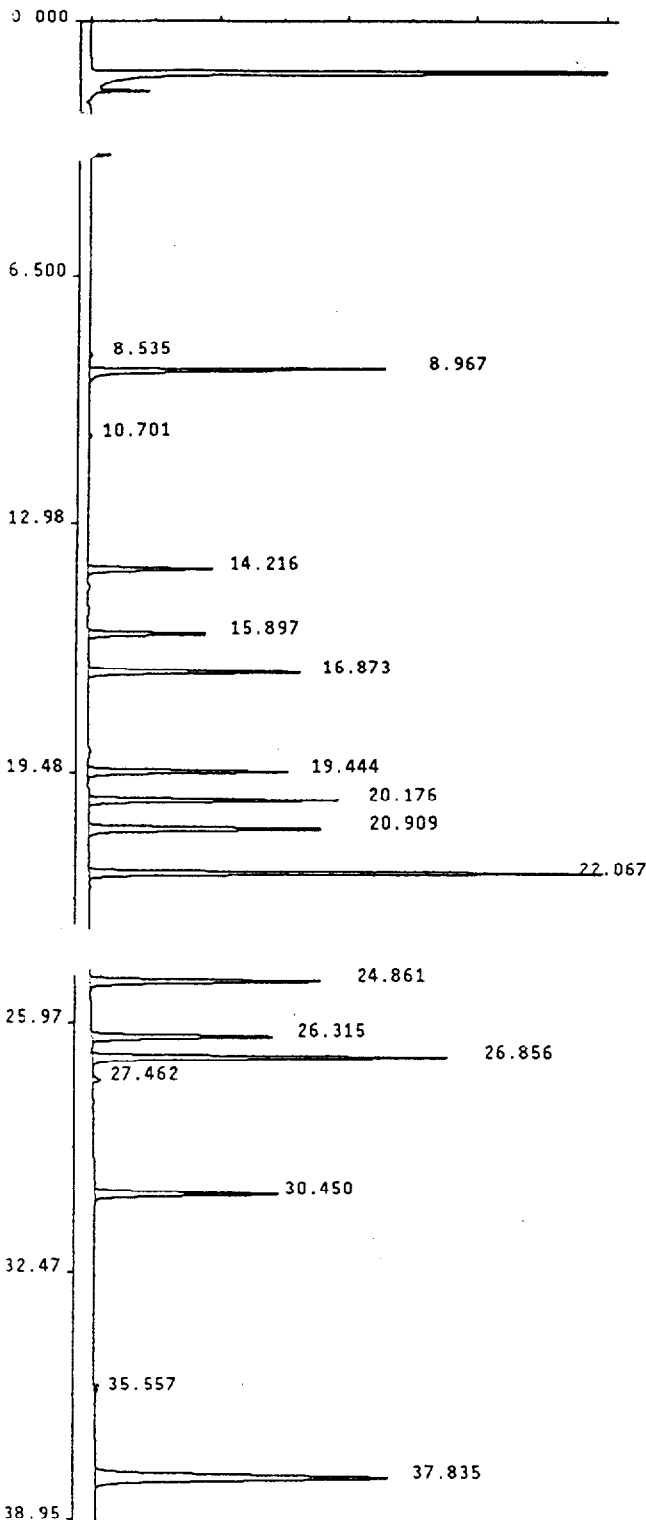
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

gl 7-6-94

PK #	RT	Area	Code	MASSng	Name
1	5.20	518019	BB	.087	TCX
2	5.75	5160	BB	.001	
3	6.61	5181	BB	.001	
4	9.32	4085	BB	.000	
5	11.65	444032	BB	.088	ALDRIN
6	12.97	228447	BB	.074	BETA-BHC
7	13.86	245701	BB	.080	DELTA-BHC
8	14.39	361308	BB	.076	H. EPOXIDE
9	15.44	6614	BB	.002	ENDOSULF. I
10	15.74	419984	BB	.079	G. CHLORDANE
11	15.96	418737	BB	.081	A. CHLORDANE
12	16.46	897992	BB	.188	4,4'-DDE
13	19.46	3938	BB	.000	
14	19.76	479808	BB	.146	ENDOSULF. II
15	21.46	249972	BB	.149	ENDRIN ALDEN
16	22.31	13395	BB	.001	
17	22.72	675722	BB	.165	ENDO. SULFAT
18	24.25	402378	BB	.141	ENDRIN KETON
19	25.42	3507	BB	.000	
20	27.46	846744	BB	.154	DCB
21	29.26	6772	BB	.001	

Total Area: 6239498

Method File: /DATA/METHOD/INDABQ7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1143 06Jul1994



Geimic Corporation Pest/PCB Report

Sample Name : INDBH0A
 Lab Id : INDBH0A ,I
 Inst Id & Col : AD6_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D6P05JUL019.RES
 Inject Time : 0837 06Jul1994
 Run Status : RunStatusOK

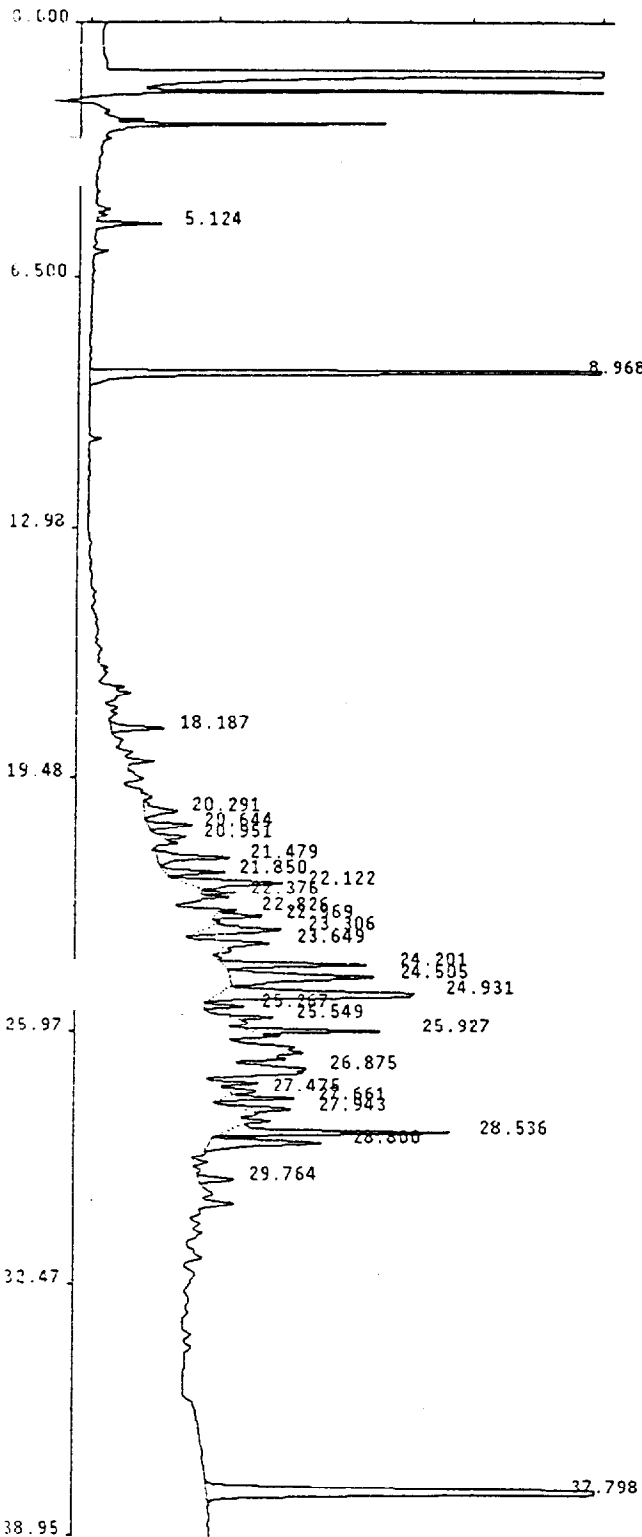
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

J 7-6-94

PK #	RT	Area	Code	MASSng	Name
1	8.54	3915	BB	.003	
2	8.97	307255	BB	.087	TCX
3	10.70	3400	BB	.003	
4	14.22	137286	BB	.072	BETA-BHC
5	15.90	132112	BB	.075	DELTA-BHC
6	16.87	256240	BB	.085	ALDRIN
7	19.44	241367	BB	.075	H. EPOXIDE
8	20.18	307688	BB	.078	G. CHLORDANE
9	20.91	310233	BB	.078	A. CHLORDANE
10	22.07	525029	BB	.191	4,4'-DDE
11	24.86	284830	BB	.144	ENDOSULF. II
12	26.32	219149	BB	.145	ENDRIN ALDEH
13	26.86	423773	BB	.164	ENDO. SULFAT
14	27.46	9746	BB	.008	
15	30.45	255759	BB	.143	ENDRIN KETON
16	35.56	10109	BB	.008	
17	37.83	630602	BB	.144	DCB

Total Area: 4058492

Method File: /DATA/METHOD/INDABQ6.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1027 06Jul1994



Sample Name : TOXAPHOA
 Lab Id : TOXAPHOA .I
 Inst Id & Col : AD6_1, DB-608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D6P05JUL009.RES
 Inject Time : 0123 06Jul1994
 Run Status : RunStatusOK

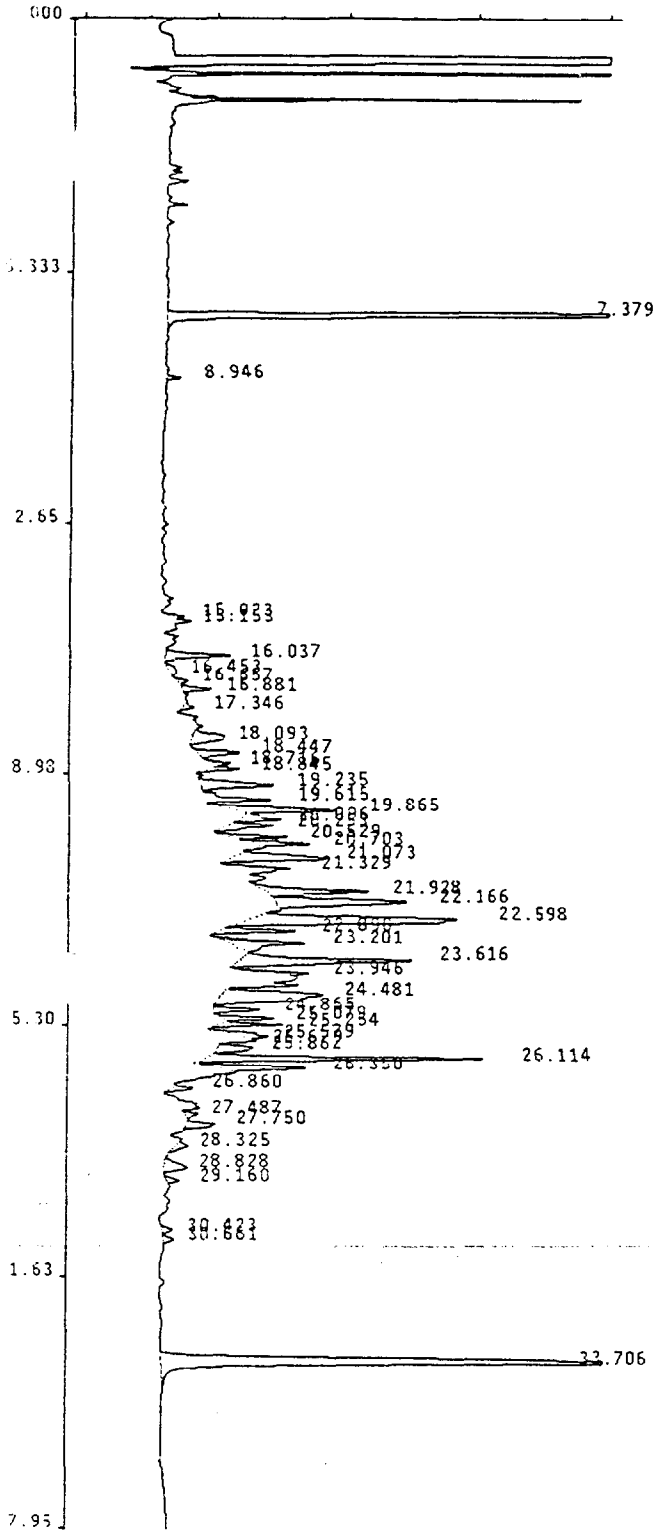
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

jl-6-94

PK #	RT	Area	Code	MASSng	Name
1	5.12	5885	BB	.001	
2	8.97	85677	BB	.020	TCX
3	18.19	6261	BB	.500	TOXAPHENE
4	20.29	5723	BB	.001	
5	20.64	5755	BB	.001	
6	20.95	2319	BB	.000	
7	21.48	9822	BB	.500	TOXAPHENE-2
8	21.85	6621	BB	.001	
9	22.12	14437	BB	.002	
10	22.38	2296	BB	.000	
11	22.83	2545	BB	.000	
12	22.97	4227	BB	.001	
13	23.31	12048	BB	.002	
14	23.65	7623	BB	.001	
15	24.20	14806	BB	.500	TOXAPHENE-3
16	24.51	26423	BB	.500	TOXAPHENE-4
17	24.93	38327	BB	.005	
18	25.27	3210	BB	.000	
19	25.55	2844	BB	.000	
20	25.93	13535	BB	.002	
21	26.88	2402	BB	.000	
22	27.47	3683	BB	.001	
23	27.66	6238	BB	.001	
24	27.94	6101	BB	.001	
25	28.54	24601	BB	.500	TOXAPHENE-5
26	28.80	17268	BB	.002	
27	29.76	4223	BB	.001	
28	37.80	97308	BB	.020	DCB

Total Area: 432210

Method File: /DATA/METHOD/TOXAPH_6.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1221 06Jul1994



Sample Name : TOXAPHOA ⁷⁻²⁶⁻⁹⁷ ToxAPHOA
 Lab Id : TOXAPHOA .1
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL009.RES
 Inject Time : 1800 21Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	7.38	230423	BB	.020	TCX
2	8.95	2613	BB	.000	
3	15.02	2582	BB	.000	
4	15.15	2550	BB	.000	
5	16.04	17148	BB	.500	TOXAPHENE
6	16.45	3854	BB	.000	
7	16.66	2346	BB	.000	
8	16.88	6490	BB	.001	
9	17.35	2360	BB	.000	
10	18.09	15733	BB	.001	
11	18.45	11711	BB	.001	
12	18.72	3198	BB	.000	
13	18.84	5164	BB	.000	
14	19.23	24188	BB	.002	
15	19.61	12519	BB	.001	
16	19.87	29884	BB	.003	
17	20.10	9183	BB	.001	
18	20.25	11551	BB	.001	
19	20.53	11523	BB	.001	
20	20.70	11853	BB	.001	
21	21.07	31755	BB	.003	
22	21.33	7649	BB	.001	
23	21.93	30080	BB	.500	TOXAPHENE-2
24	22.17	48388	BB	.004	
25	22.60	85404	BB	.500	TOXAPHENE-3
26	22.89	16163	BB	.001	
27	23.20	26434	BB	.002	
28	23.62	56756	BB	.500	TOXAPHENE-4
29	23.95	6591	BB	.001	
30	24.48	55619	BB	.005	
31	24.87	9645	BB	.001	
32	25.08	11118	BB	.001	
33	25.25	14039	BB	.001	
34	25.58	9974	BB	.001	
35	25.68	2520	BB	.000	
36	25.86	11356	BB	.001	
37	26.11	60977	BB	.500	TOXAPHENE-5
38	26.35	22432	BB	.002	
39	26.86	3758	BB	.000	
40	27.49	3285	BB	.000	
41	27.75	8960	BB	.001	

J
7/25/97

Sample Name : TOXAPHOA *17-26-44*
 Lab Id : TOXAPHOA .1
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL009.RES
 Inject Time : 1800 21Jul1994
 Run Status : RunStatusOK

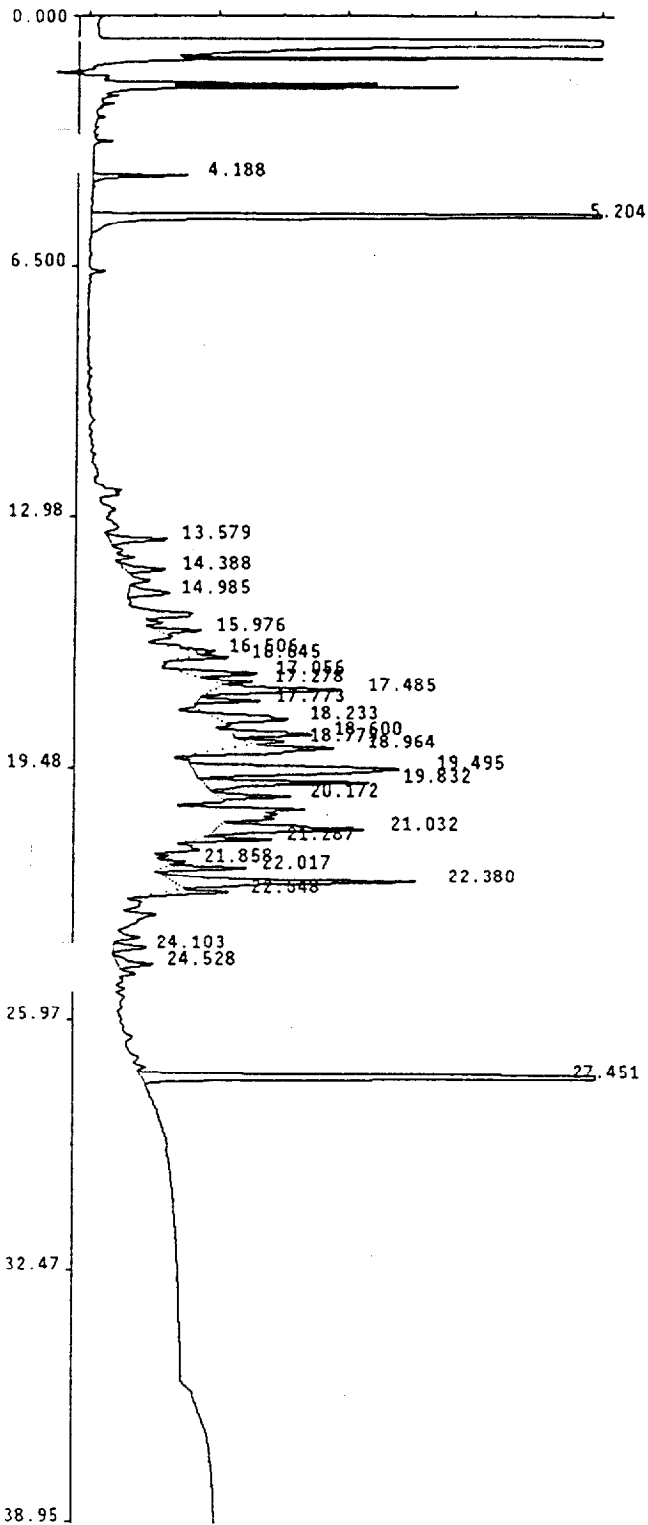
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
42	28.33	4102	BB	.000	
43	28.83	10172	BB	.001	
44	29.16	3772	BB	.000	
45	30.42	2693	BB	.000	
46	30.66	3196	BB	.000	
47	33.71	200682	BB	.020	DCB

Handwritten signature and date: 7/25/11

Total Area: 1164396

Method File: /DATA/METHOD/TOXAPH_9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1331 22Jul1994



Sample Name : TOXAPH1A
 Lab Id : TOXAPH1A .I
 Inst Id & Col : AD7_1, DB_1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D7P05JUL009.RES
 Inject Time : 0123 06Ju1994
 Run Status : RunStatusOK

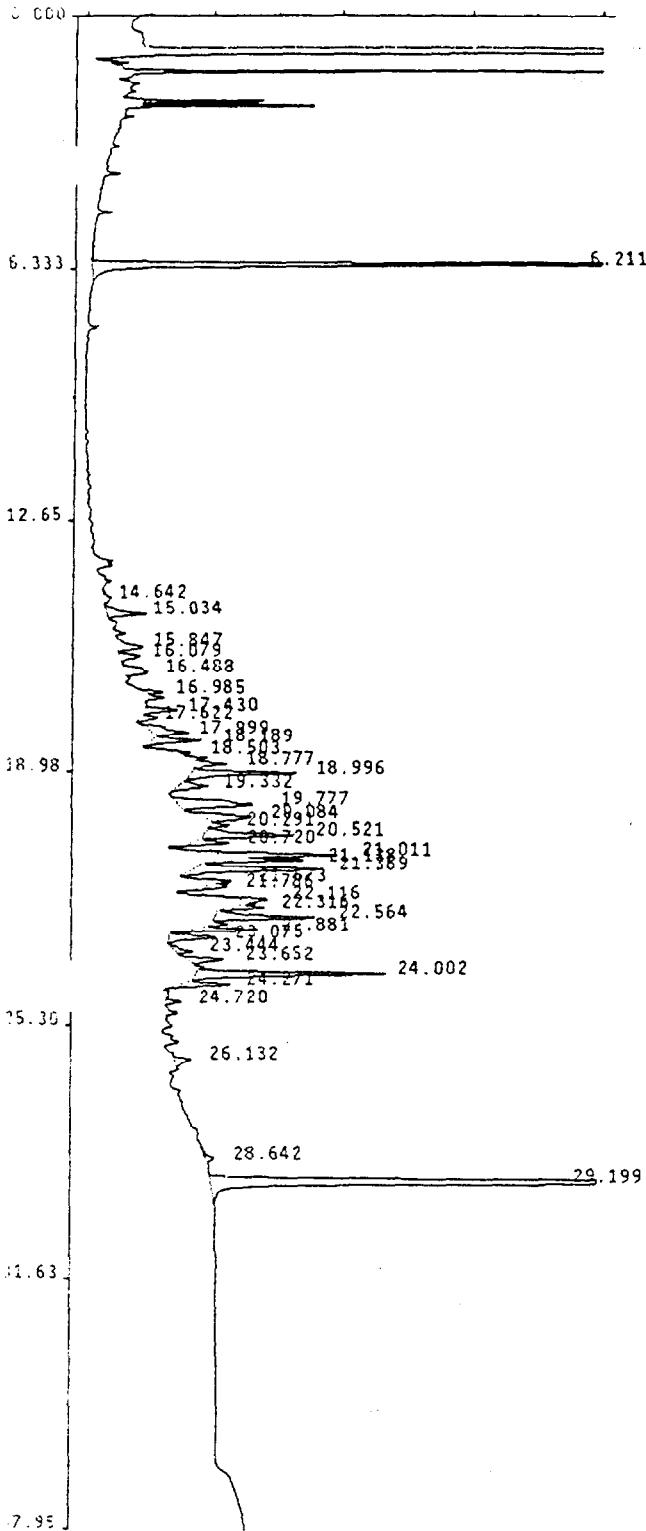
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Handwritten signature
 7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	9147	BB	.001	
2	5.20	143225	BB	.020	TCX
3	13.58	9266	BB	.500	TOXAPHENE
4	14.39	6926	BB	.001	
5	14.98	8292	BB	.001	
6	15.98	5737	BB	.000	
7	16.51	4814	BB	.000	
8	16.65	4829	BB	.000	
9	17.06	12422	BB	.001	
10	17.28	4093	BB	.000	
11	17.49	22160	BB	.500	TOXAPHENE-2
12	17.77	7291	BB	.001	
13	18.23	12872	BB	.001	
14	18.60	9350	BB	.001	
15	18.78	4655	BB	.000	
16	18.96	24325	BB	.002	
17	19.50	55321	BB	.500	TOXAPHENE-3
18	19.83	24969	BB	.002	
19	20.17	8842	BB	.001	
20	21.03	28322	BB	.500	TOXAPHENE-4
21	21.29	8702	BB	.001	
22	21.86	2155	BB	.000	
23	22.02	9924	BB	.001	
24	22.38	43350	BB	.500	TOXAPHENE-5
25	22.65	8552	BB	.001	
26	24.10	5349	BB	.000	
27	24.53	6761	BB	.001	
28	27.45	123280	BB	.020	DCB

Total Area: 614930

Method File: /DATA/METHOD/TOXAPH_7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1222 06Ju1994



Sample Name : TOXAPHIA TOXAPHIA
 Lab Id : TOXAPHIA .1
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/H8P21JUL009.RES
 Inject Time : 1800 21Jul1994
 Run Status : EndOffBaseline
 SignalOverload

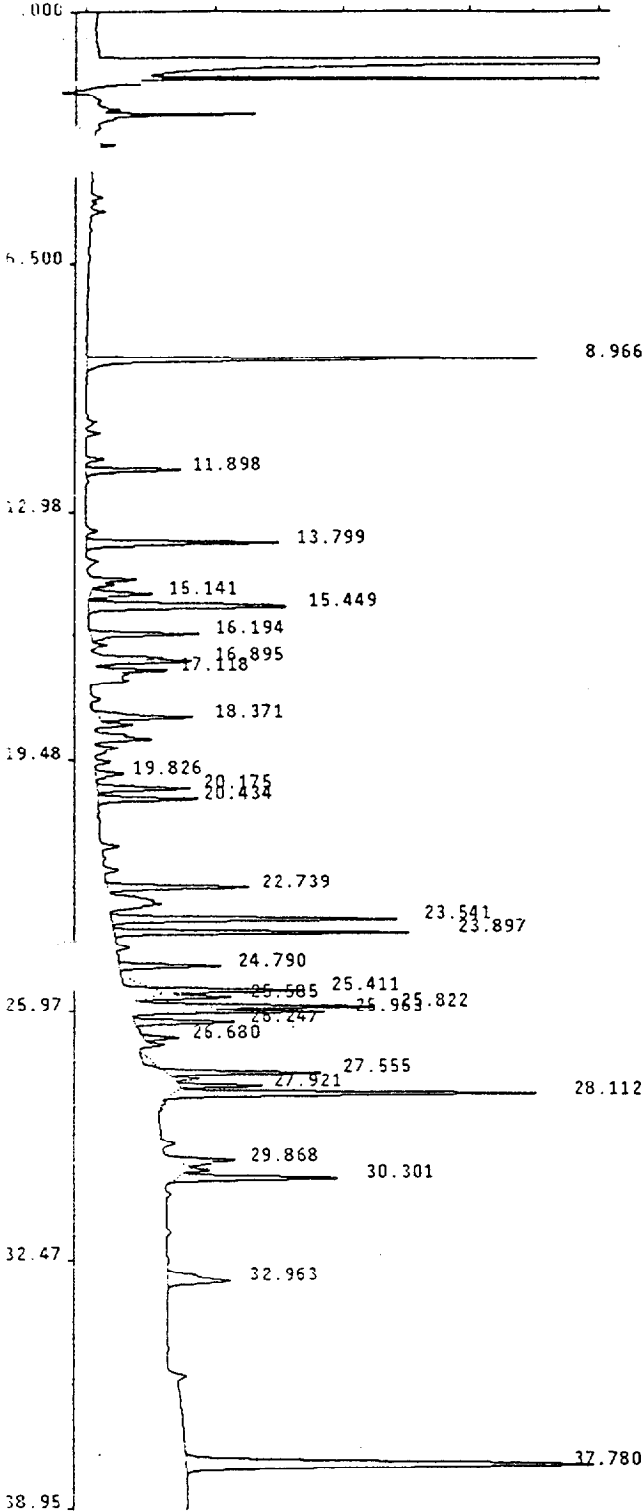
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	6.21	251063	BB	.020	TCX
2	14.64	4484	BB	.000	
3	15.03	16550	BB	.500	TOXAPHENE
4	15.85	12987	BB	.001	
5	16.08	9431	BB	.001	
6	16.49	14142	BB	.001	
7	16.99	5250	BB	.000	
8	17.43	10562	BB	.001	
9	17.62	5056	BB	.000	
10	18.00	20822	BB	.002	
11	18.19	17337	BB	.001	
12	18.50	4922	BB	.000	
13	18.78	9146	BB	.001	
14	19.00	34037	BB	.500	TOXAPHENE-2
15	19.33	11220	BB	.001	
16	19.78	44892	BB	.004	
17	20.08	24249	BB	.002	
18	20.29	4777	BB	.000	
19	20.52	33146	BB	.500	TOXAPHENE-3
20	20.72	11893	BB	.001	
21	21.01	34008	BB	.003	
22	21.14	16172	BB	.001	
23	21.37	46629	BB	.004	
24	21.67	7403	BB	.001	
25	21.79	7840	BB	.001	
26	22.12	10466	BB	.003	
27	22.32	8024	BB	.001	
28	22.56	36015	BB	.500	TOXAPHENE-4
29	22.88	15223	BB	.001	
30	23.07	16961	BB	.001	
31	23.44	6829	BB	.001	
32	23.65	12407	BB	.001	
33	24.00	65096	BB	.500	TOXAPHENE-5
34	24.27	14177	BB	.001	
35	24.72	4346	BB	.000	
36	26.13	6917	BB	.001	
37	28.64	4835	BB	.000	
38	29.20	281420	BB	.020	DCB

JC
7/25/94

Total Area: 1140733

Method File: /DATA/METHOD/TOXAPH_8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1352 22Jul1994



Sample Name : AR16600A
 Lab Id : AR16600A .1
 Inst Id & Col : AD6_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D6P05JUL003.RES
 Inject Time : 2103 05Jul1994
 Run Status : RunStatusOK

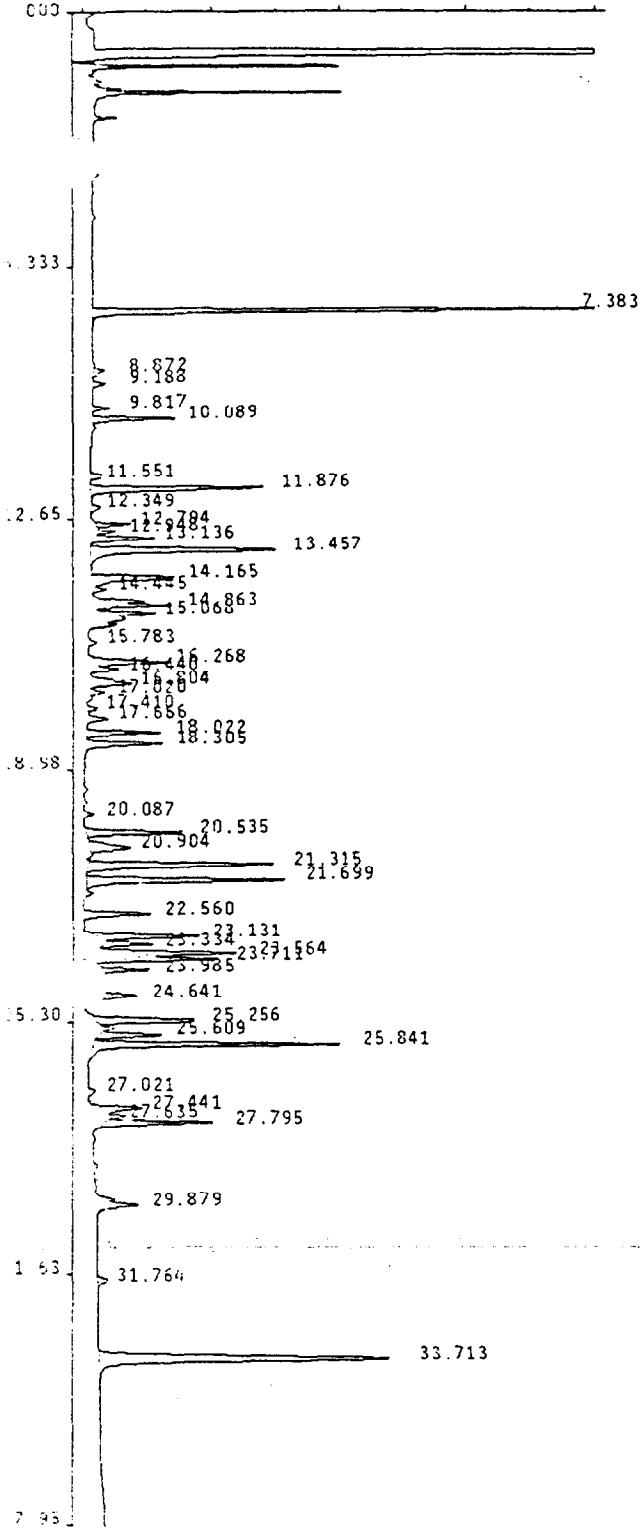
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

7-6-94

PK #	RT	Area	Code	MASSng	Name
1	8.97	53174	BB	.020	TCX
2	11.90	10796	BB	.100	ARO-1016
3	13.80	26901	BB	.100	ARO-1016-2
4	15.14	8995	BB	.100	ARO-1016-3
5	15.45	37220	BB	.100	ARO-1016-4
6	16.19	14199	BB	.100	ARO-1016-5
7	16.89	5151	BB	.000	
8	17.12	6112	BB	.001	
9	18.37	13909	BB	.001	
10	19.83	4172	BB	.000	
11	20.17	12236	BB	.001	
12	20.43	12901	BB	.001	
13	22.74	19062	BB	.100	ARO-1260
14	23.54	38222	BB	.100	ARO-1260-2
15	23.90	38856	BB	.100	ARO-1260-3
16	24.79	12699	BB	.001	
17	25.41	12818	BB	.001	
18	25.59	8689	BB	.001	
19	25.82	19478	BB	.002	
20	25.96	11288	BB	.001	
21	26.25	12593	BB	.001	
22	26.68	4507	BB	.000	
23	27.55	15112	BB	.001	
24	27.92	8600	BB	.001	
25	28.11	47797	BB	.100	ARO-1260-4
26	29.87	8689	BB	.001	
27	30.30	21955	BB	.100	ARO-1260-5
28	32.96	16034	BB	.001	
29	37.78	91547	BB	.020	DCB

Total Area: 593713

Method File: /DATA/METHOD/AR1660_6.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1204 06Jul1994



Sample Name : AR16600A ⁷⁻²⁶⁻⁹⁴ AR16600A
 Lab Id : AR16600A .I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/M9P21JUL003.RES
 Inject Time : 1334 21Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

PK #	RT	Area	Code	MASSng	Name
1	7.38	151962	BB	.020	TCX
2	8.87	4802	BB	.000	
3	9.19	5034	BB	.000	
4	9.82	6517	BB	.001	
5	10.09	30841	BB	.100	ARO-1016
6	11.55	4881	BB	.000	
7	11.88	70850	BB	.100	ARO-1016-2
8	12.35	4827	BB	.000	
9	12.79	11908	BB	.001	
10	12.95	5118	BB	.000	
11	13.14	23686	BB	.002	
12	13.46	109214	BB	.100	ARO-1016-3
13	14.16	36080	BB	.100	ARO-1016-4
14	14.44	4220	BB	.000	
15	14.86	19117	BB	.002	
16	15.07	13606	BB	.001	
17	15.78	4087	BB	.000	
18	16.27	31423	BB	.100	ARO-1016-5
19	16.44	7625	BB	.001	
20	16.80	8966	BB	.001	
21	17.02	5017	BB	.000	
22	17.41	4199	BB	.000	
23	17.67	9750	BB	.001	
24	18.02	30298	BB	.003	
25	18.30	32175	BB	.003	
26	20.09	4307	BB	.000	
27	20.54	41640	BB	.004	
28	20.90	26902	BB	.002	
29	21.31	83835	BB	.100	ARO-1260
30	21.70	88233	BB	.100	ARO-1260-2
31	22.56	29760	BB	.003	
32	23.13	42250	BB	.004	
33	23.33	17528	BB	.002	
34	23.56	38092	BB	.003	
35	23.71	26942	BB	.002	
36	23.98	24670	BB	.002	
37	24.64	30913	BB	.003	
38	25.26	40100	BB	.100	ARO-1260-3
39	25.61	23718	BB	.002	
40	25.84	113618	BB	.100	ARO-1260-4
41	27.02	4151	BB	.000	

J
7/25/94

Sample Name : AR16600A ~~AR16600A~~ AR16600A
 Lab Id : AR16600A .1
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/M9P21JUL003.RES
 Inject Time : 1334 21Jul1994
 Run Status : RunStatusOK

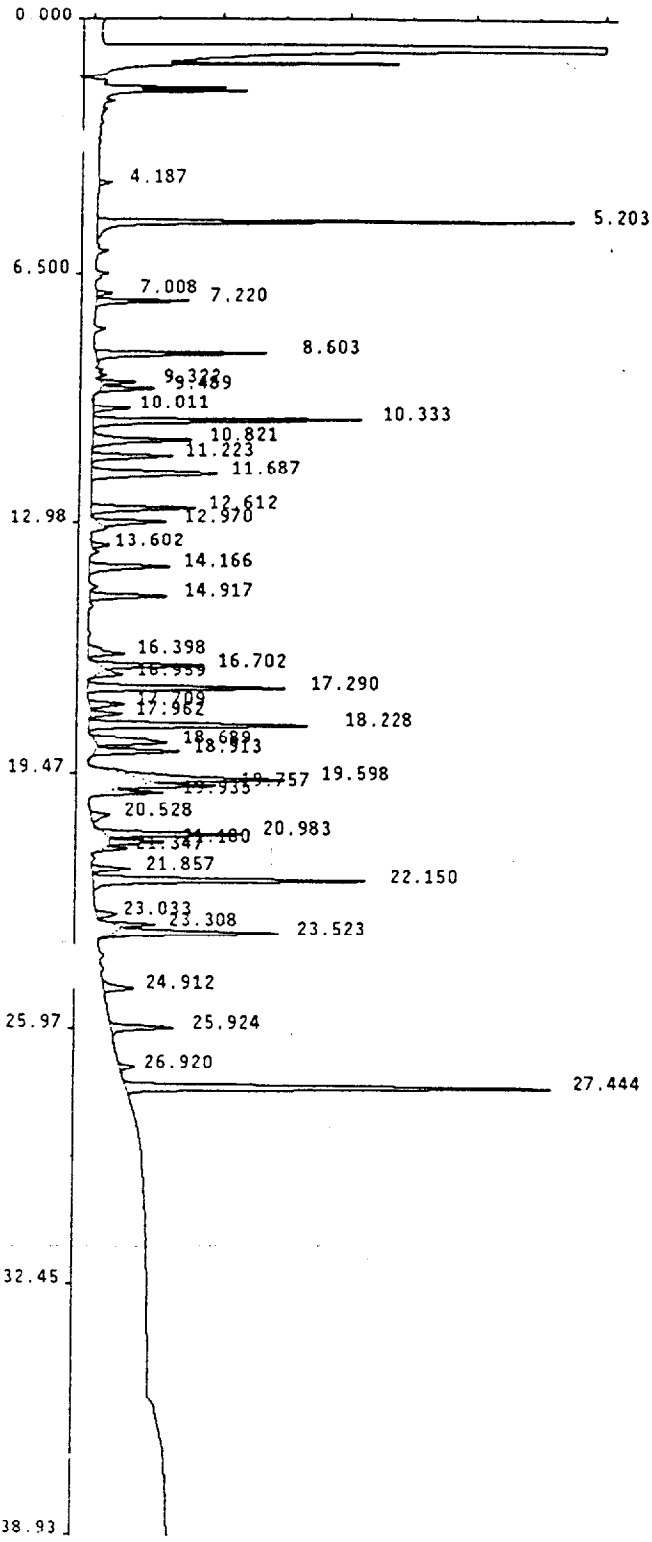
EndOffBaseline

PK #	RT	Area	Code	MASSng	Name
42	27.44	15018	BB	.001	
43	27.64	4316	BB	.000	
44	27.80	40407	BB	.100	ARO-1260-5
45	29.88	13656	BB	.001	
46	31.76	5757	BB	.001	
47	33.71	190305	BB	.020	DCB

JZ
7/25/94

Total Area: 1542318

Method File: /DATA/METHOD/AR1660_9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1323 22Jul1994



Sample Name : AR16601A
 Lab Id : AR16601A ,I
 Inst Id & Col : AD7_1, DB_1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D7P05JUL003.RES
 Inject Time : 2103 05Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Handwritten signature
 7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	2784	BB	.000	
2	5.20	88424	BB	.020	TCX
3	7.01	3289	BB	.000	
4	7.22	18316	BB	.100	ARO-1016
5	8.60	37722	BB	.100	ARO-1016-2
6	9.32	6539	BB	.001	
7	9.49	10109	BB	.001	
8	10.01	8593	BB	.001	
9	10.33	60473	BB	.100	ARO-1016-3
10	10.82	28418	BB	.003	
11	11.22	18759	BB	.002	
12	11.69	47877	BB	.100	ARO-1016-4
13	12.61	29257	BB	.100	ARO-1016-5
14	12.97	17107	BB	.002	
15	13.60	3826	BB	.000	
16	14.17	22538	BB	.002	
17	14.92	18809	BB	.002	
18	16.40	12004	BB	.001	
19	16.70	24597	BB	.002	
20	16.96	6104	BB	.001	
21	17.29	49695	BB	.100	ARO-1260
22	17.71	9585	BB	.001	
23	17.96	7244	BB	.001	
24	18.23	57165	BB	.100	ARO-1260-2
25	18.69	26269	BB	.002	
26	18.91	20072	BB	.002	
27	19.60	44139	BB	.004	
28	19.76	16686	BB	.001	
29	19.94	10469	BB	.001	
30	20.53	5594	BB	.000	
31	20.98	32301	BB	.100	ARO-1260-3
32	21.18	11554	BB	.001	
33	21.35	4351	BB	.000	
34	21.86	9216	BB	.001	
35	22.15	75091	BB	.100	ARO-1260-4
36	23.03	5418	BB	.000	
37	23.31	8340	BB	.001	
38	23.52	44214	BB	.004	
39	24.91	8714	BB	.001	
40	25.92	15614	BB	.100	ARO-1260-5
41	26.92	4183	BB	.000	

Sample Name : AR16601A
Lab Id : AR16601A .I
Inst Id & Col : AD7_1, DB_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL003.RES
Inject Time : 2103 05Jul1994
Run Status : RunStatusOK
 EndOffBaseline

7-6-94

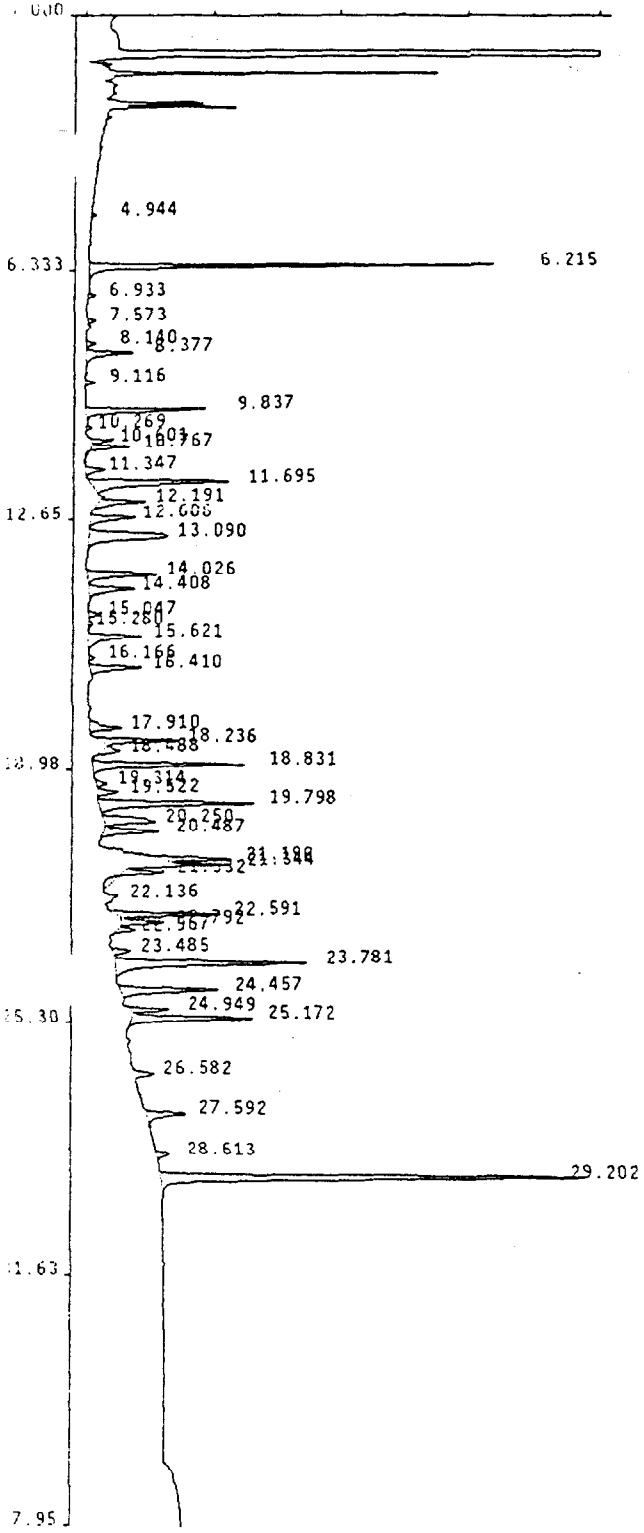
Pk #	RT	Area	Code	MASSng	Name
42	27.44	114912	BB	0.020	DCB

Total Area: 1046370

Method File: /DATA/METHOD/AR1660_7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1207 06Jul1994

Genie Corporation Pest/PCB Report

Sample Name : AR16601A **AR16603A**
 Lab Id : AR16601A .I
 Inst Id & Col : ADB_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/MBP21JUL003.RES
 Inject Time : 1334 21Jul1994
 Run Status : EndOffBaseline
 SignalOverload



PK #	RT	Area	Code	MASSng	Name
1	4.94	2450	BB	.001	
2	6.21	169594	BB	.020	TCX
3	6.93	3279	BB	.001	
4	7.57	3717	BB	.001	
5	8.14	5011	BB	.002	
6	8.38	32821	BB	.100	ARO-1016
7	9.12	4584	BB	.002	
8	9.84	67250	BB	.100	ARO-1016-2
9	10.27	2483	BB	.001	
10	10.60	10327	BB	.004	
11	10.77	16086	BB	.006	
12	11.35	13026	BB	.005	
13	11.69	101245	BB	.100	ARO-1016-3
14	12.19	30860	BB	.012	
15	12.61	29149	BB	.011	
16	13.09	89819	BB	.100	ARO-1016-4
17	14.03	51372	BB	.100	ARO-1016-5
18	14.41	37185	BB	.014	
19	15.05	6863	BB	.003	
20	15.28	2680	BB	.001	
21	15.62	41051	BB	.016	
22	16.17	3406	BB	.001	
23	16.41	33061	BB	.013	
24	17.91	22301	BB	.008	
25	18.24	41999	BB	.016	
26	18.49	11175	BB	.004	
27	18.83	96262	BB	.100	ARO-1260
28	19.31	6422	BB	.002	
29	19.52	12113	BB	.005	
30	19.80	105886	BB	.100	ARO-1260-2
31	20.25	47095	BB	.018	
32	20.49	36422	BB	.014	
33	21.19	42691	BB	.016	
34	21.34	35533	BB	.014	
35	21.53	7200	BB	.003	
36	22.14	3718	BB	.001	
37	22.59	57576	BB	.100	ARO-1260-3
38	22.79	21248	BB	.008	
39	22.97	7857	BB	.003	
40	23.48	11210	BB	.004	
41	23.78	144304	BB	.100	ARO-1260-4

Handwritten signature and date:
 J
 5/21/1994

Sample Name : AR16601A ^{AR16603A}
 Lab Id : AR16601A .1
 Inst Id & Col : ADB_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/M8P21JUL003.RES
 Inject Time : 1334 21Jul1994
 Run Status : EndOffBaseline

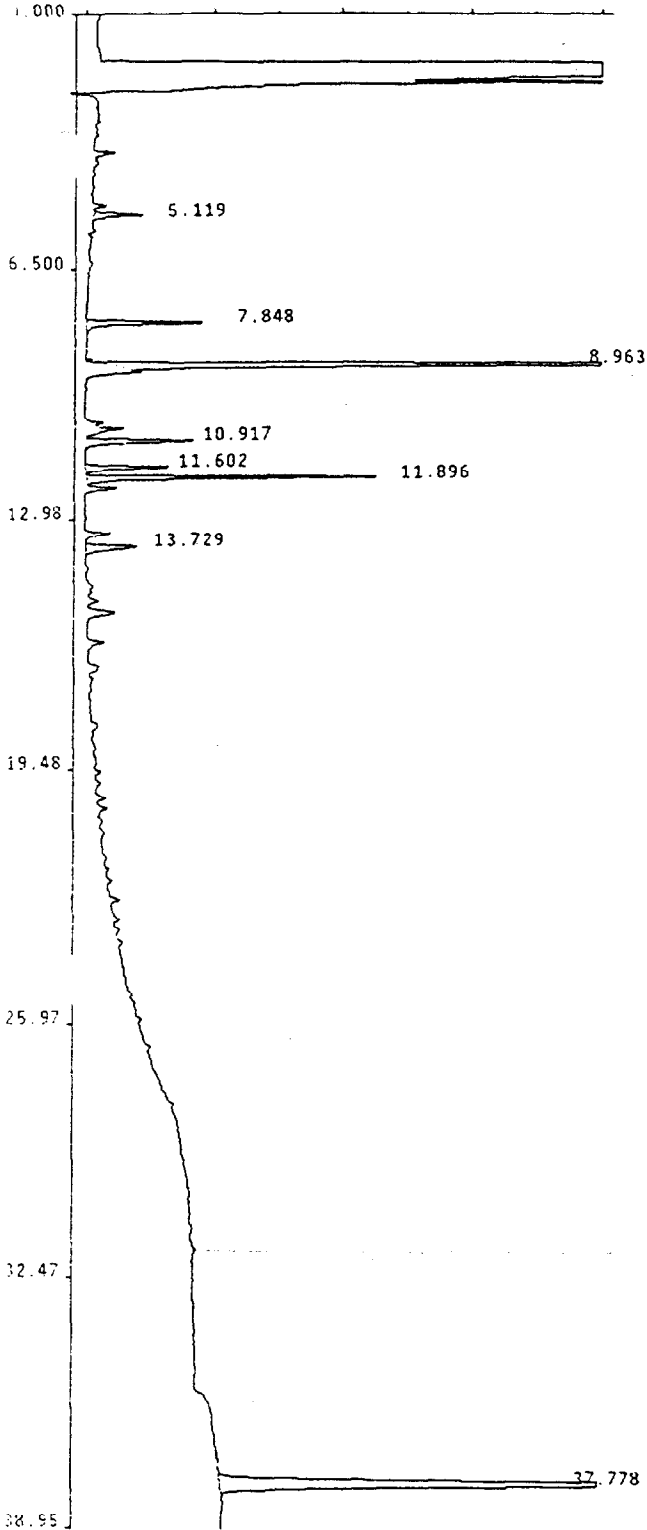
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
42	24.46	68290	BB	.026	
43	24.95	16221	BB	.006	
44	25.17	84412	BB	.100	ARO-1260-5
45	26.58	12133	BB	.005	
46	27.59	23377	BB	.009	
47	28.61	9182	BB	.003	
48	29.20	277183	BB	.020	DCB

[Handwritten signature]
7/25/94

 Total Area: 1959131

Method File: /DATA/METHOD/AR1660_8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1342 22Jul1994



Sample Name : AR12210A
 Lab Id : AR12210A .1
 Inst Id & Col : AD6_1, D8608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D6P05JUL004.RES
 Inject Time : 2146 05Jul1994
 Run Status : SignalOverload

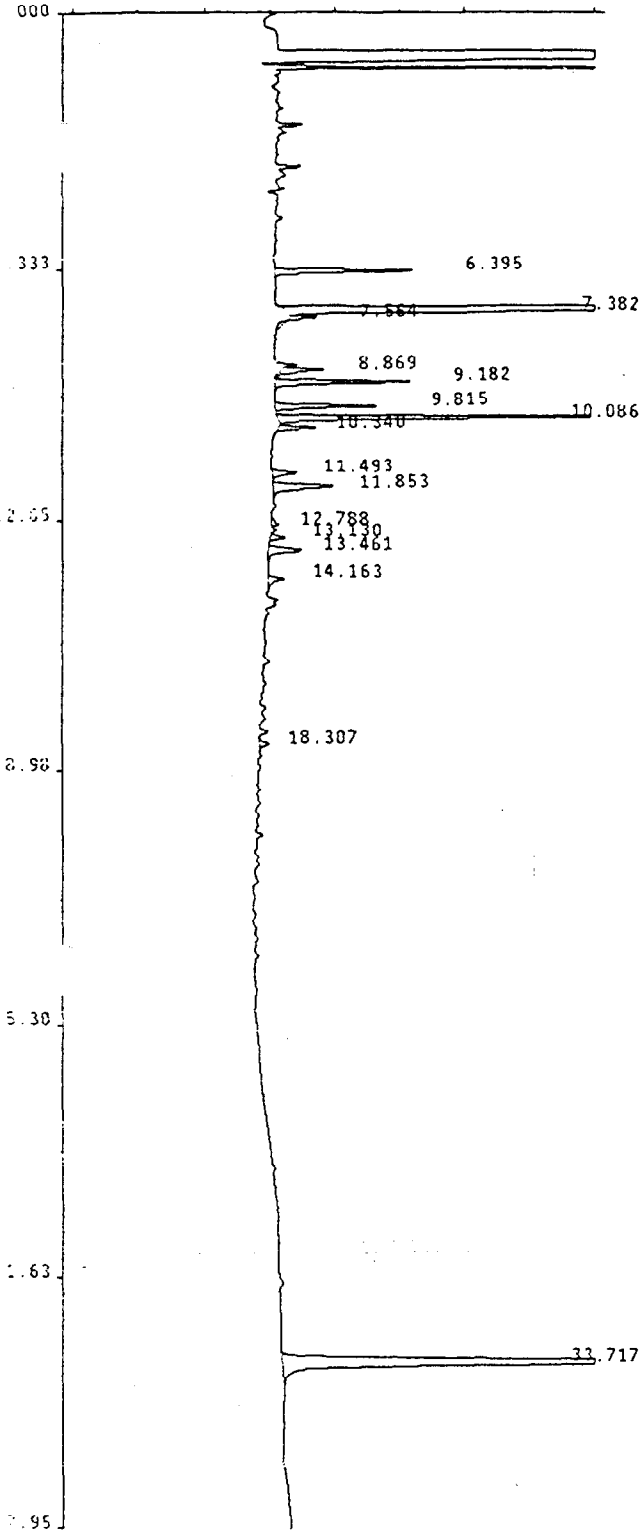
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

JP-6-94

PK #	RT	Area	Code	MASSng	Name
1	5.12	4265	BB	.000	
2	7.85	10274	BB	.200	ARO-1221
3	8.96	73725	BB	.020	TCX
4	10.92	10023	BB	.200	ARO-1221-2
5	11.60	7785	BB	.200	ARO-1221-3
6	11.90	24807	BB	.200	ARO-1221-4
7	13.73	7356	BB	.200	ARO-1221-5
8	37.78	85957	BB	.020	DCB

Total Area: 224191

Method File: /DATA/METHOD/AR1221_6.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1204 06Jul1994



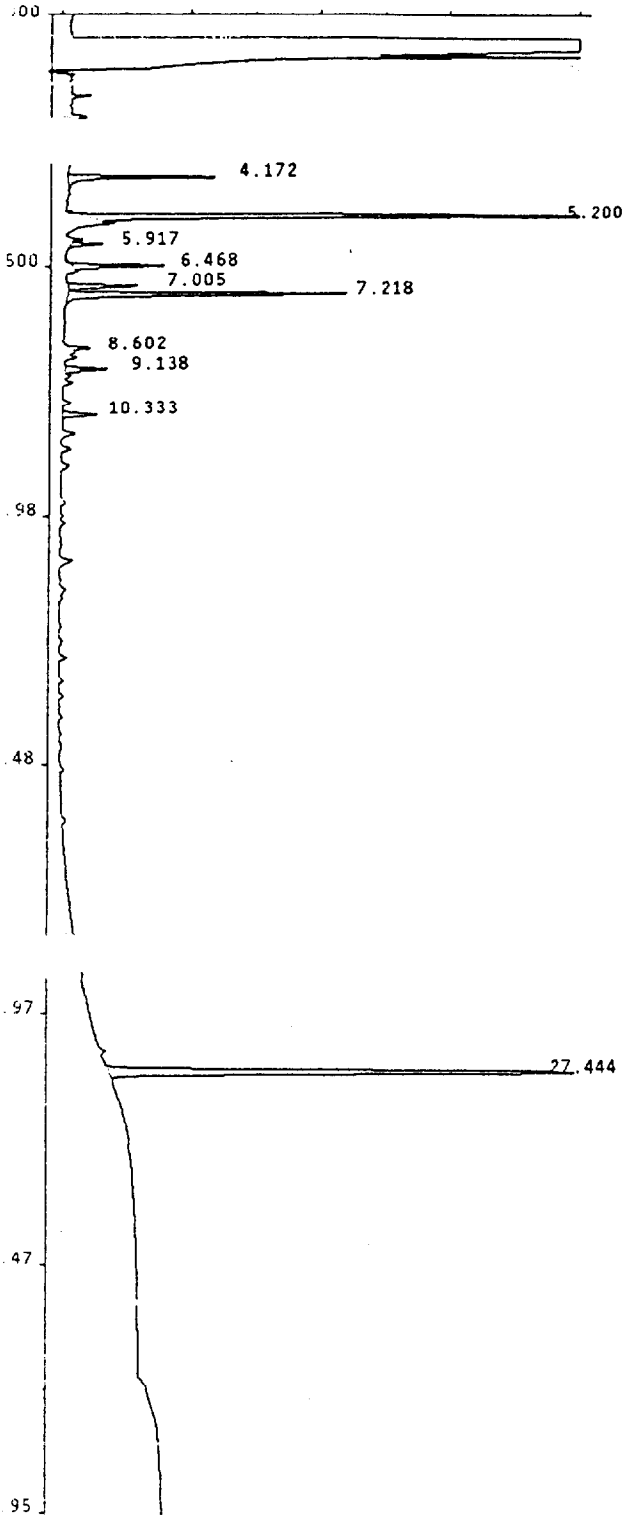
Sample Name : AR12210A ⁷⁻²⁶⁻⁹⁴ AR12210A
 Lab Id : AR12210A ,I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/H9P21JUL004.RES
 Inject Time : 1418 21Jul1994
 Run Status : EndOffBaseline
 SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	6.39	26494	BB	.002	
2	7.38	231970	BB	.020	TCX
3	7.56	2302	BB	.000	
4	8.87	9855	BB	.001	
5	9.18	30360	BB	.200	ARO-1221
6	9.81	22282	BB	.200	ARO-1221-2
7	10.09	69791	BB	.200	ARO-1221-3
8	10.34	6800	BB	.001	
9	11.49	6245	BB	.001	
10	11.85	20442	BB	.200	ARO-1221-4
11	12.79	2029	BB	.000	
12	13.13	3624	BB	.000	
13	13.46	11425	BB	.200	ARO-1221-5
14	14.16	4763	BB	.000	
15	18.31	2852	BB	.000	
16	33.72	183619	BB	.020	DCB

J
7/21/94

Total Area: 634852

Method File: /DATA/METHOD/AR1221_9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1324 22Jul1994



Sample Name : AR12211A
 Lab Id : AR12211A .1
 Inst Id & Col : AD7_1, DB_1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D7P05JUL004.RES
 Inject Time : 2146 05Jul1994
 Run Status : EndOffBaseline
 SignalOverload

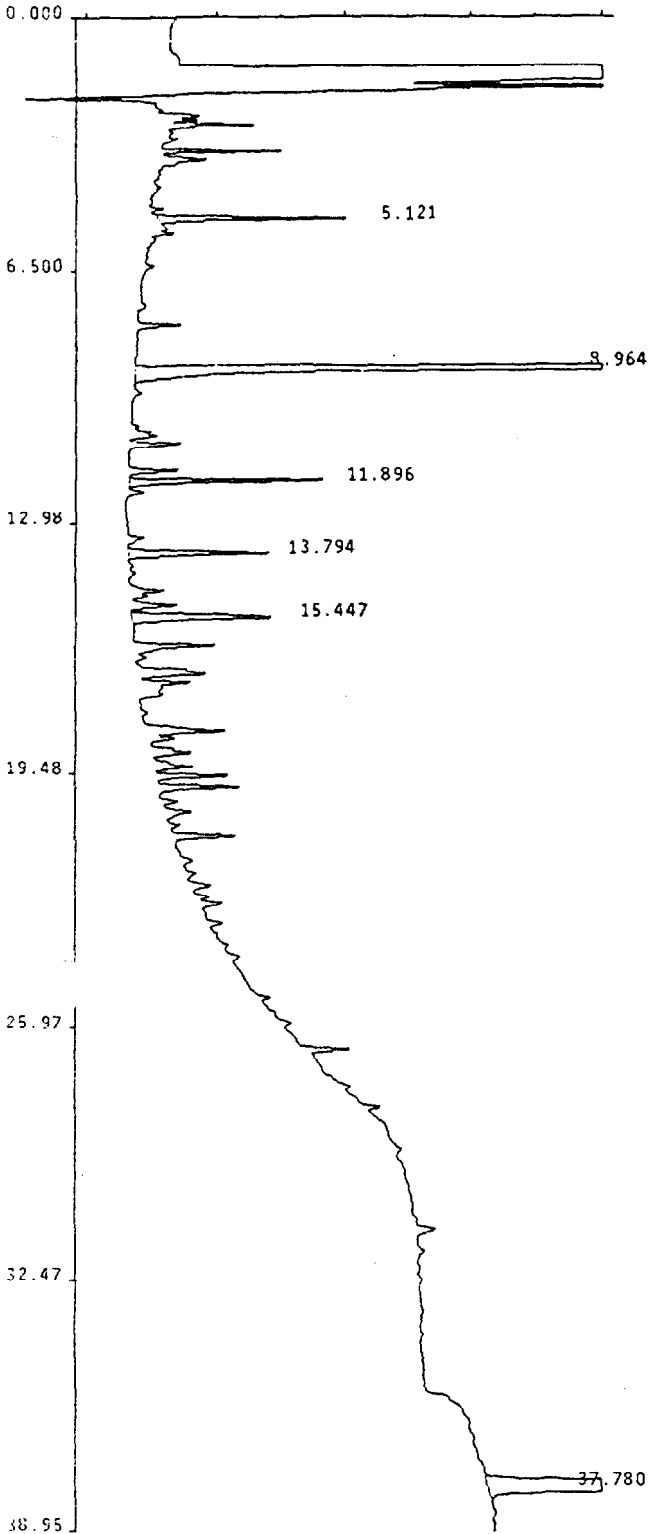
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

JL 7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.17	22836	BB	.200	ARO-1221
2	5.20	123362	BB	.020	TCX
3	5.92	4353	BB	.000	
4	6.47	13802	BB	.200	ARO-1221-2
5	7.01	11151	BB	.001	
6	7.22	43995	BB	.200	ARO-1221-3
7	8.60	2752	BB	.000	
8	9.14	6893	BB	.200	ARO-1221-4
9	10.33	6620	BB	.200	ARO-1221-5
10	27.44	108180	BB	.020	DCB

Total Area: 343943

Method File: /DATA/METHOD/AR1221_7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1212 06Jul1994



Sample Name : AR12320A
 Lab Id : AR12320A , I
 Inst Id & Col : AD6_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D6P05JUL005.RES
 Inject Time : 2230 05Jul1994
 Run Status : RunStatusOK

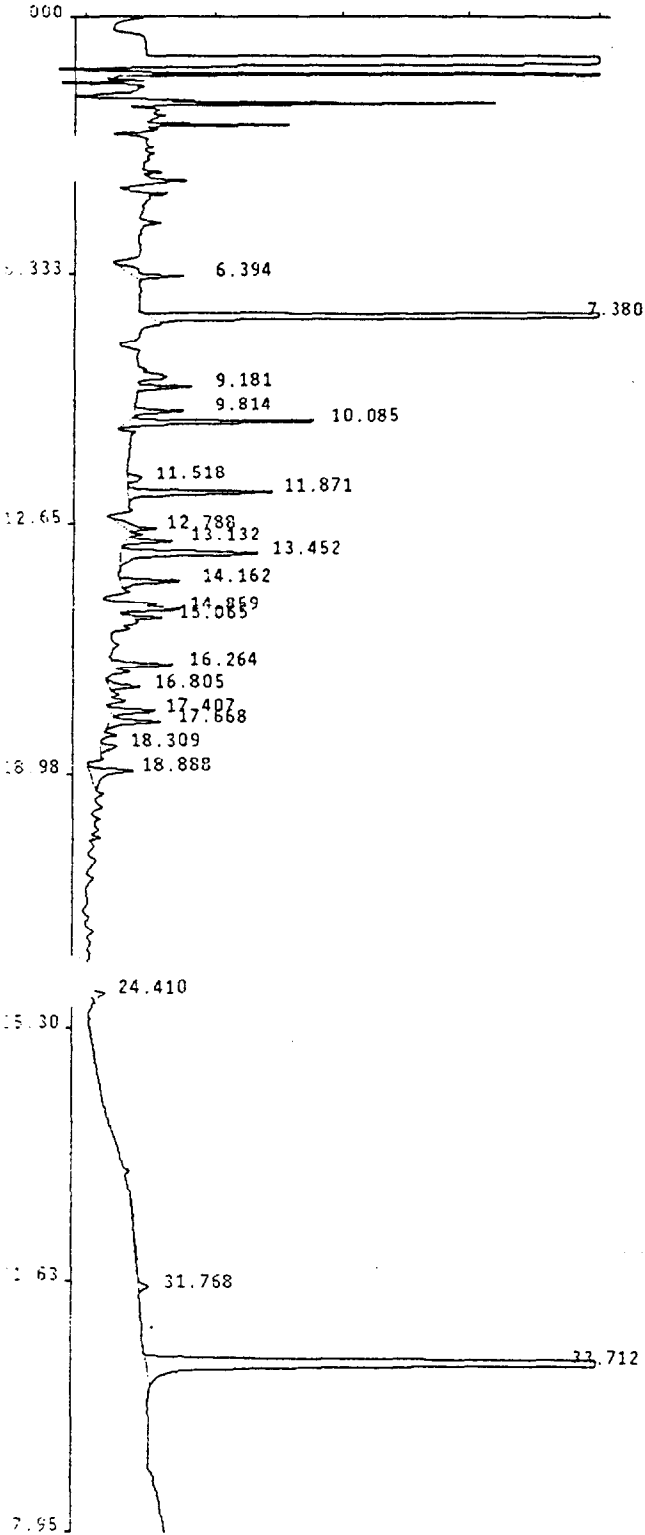
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

fl 7-6-94

PK #	RT	Area	Code	MASSng	Name
1	5.12	5829	BB	.001	
2	8.96	69203	BB	.020	TCX
3	11.90	6272	BB	.100	ARO-1232
4	13.79	5953	BB	.100	ARO-1232-2
5	15.45	7418	BB	.100	ARO-1232-3
6	37.78	82532	BB	.020	DCB

Total Area: 177208

Method File: /DATA/METHOD/AR1232_6.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1205 06Jul1994



7-26-44

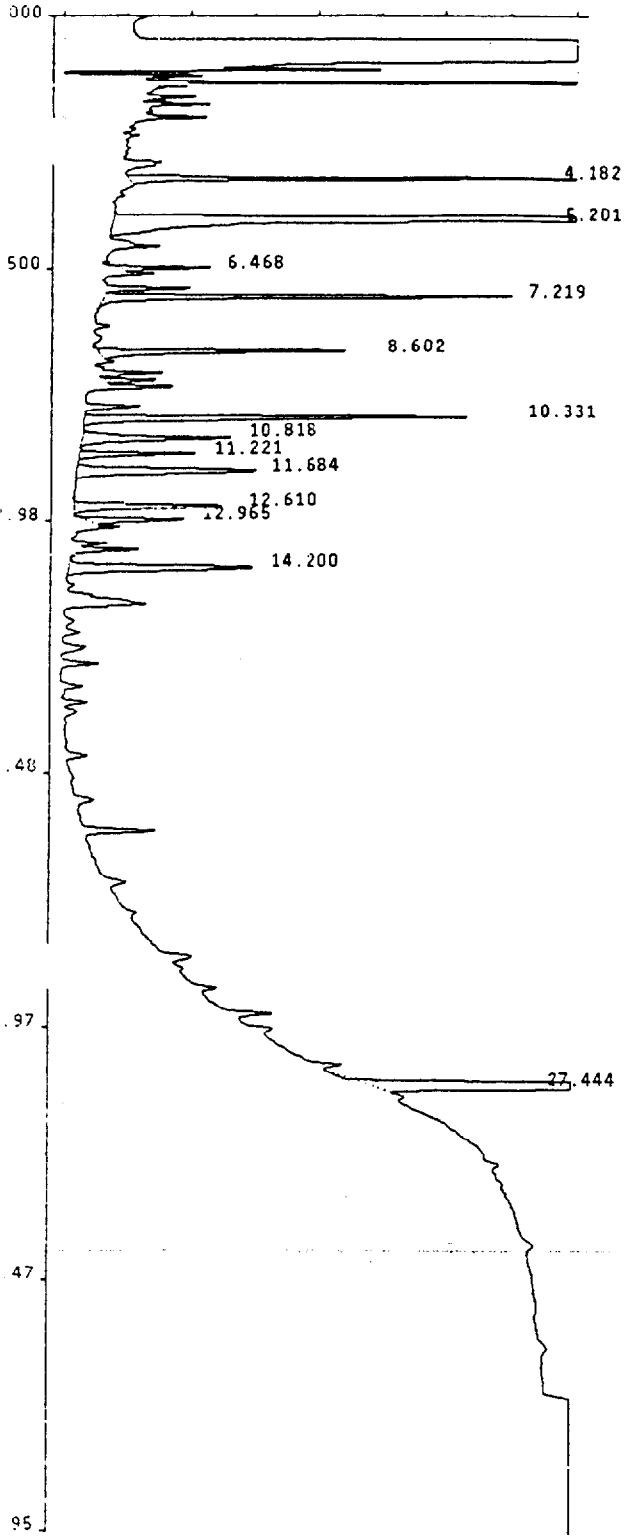
Sample Name : AR12320A AR12320A
 Lab Id : AR12320A .I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/M9P21JUL005.RES
 Inject Time : 1502 21Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	6.39	7296	BB	.001	
2	7.38	197129	BB	.020	TCX
3	9.18	5057	BB	.001	
4	9.81	4953	BB	.100	ARO-1232
5	10.09	19341	BB	.100	ARO-1232-2
6	11.52	2068	BB	.000	
7	11.87	16695	BB	.100	ARO-1232-3
8	12.79	4879	BB	.001	
9	13.13	4862	BB	.001	
10	13.45	22353	BB	.100	ARO-1232-4
11	14.16	7052	BB	.001	
12	14.86	3783	BB	.000	
13	15.07	2598	BB	.000	
14	16.26	6523	BB	.100	ARO-1232-5
15	16.81	3387	BB	.000	
16	17.41	4846	BB	.001	
17	17.67	6212	BB	.001	
18	18.31	2265	BB	.000	
19	18.89	8552	BB	.001	
20	24.41	2619	BB	.000	
21	31.77	4435	BB	.001	
22	33.71	182533	BB	.020	DCB

J
 7/25/11

Total Area: 519436

Method File: /DATA/METHOD/AR1232_9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1325 22Jul1994



Sample Name : AR12321A
 Lab Id : AR12321A .1
 Inst Id & Co1 : AD7_1, DB_1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D7P05JUL005.RES
 Inject Time : 2230 05Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

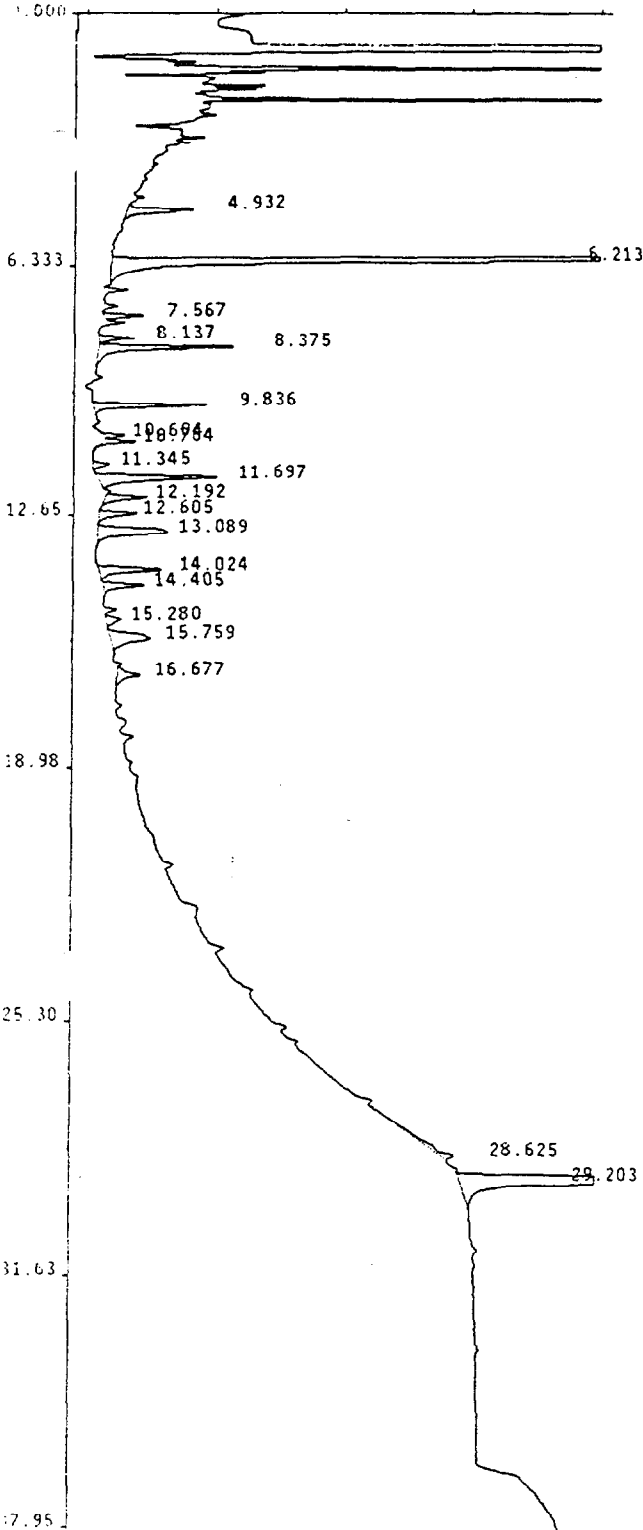
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

JH 7-6-94

PK #	RT	Area	Code	MASSng	Name
1	4.18	11491	BB	.100	ARO-1232
2	5.20	115762	BB	.020	TCX
3	6.47	2068	BB	.000	
4	7.22	10948	BB	.100	ARO-1232-2
5	8.60	7436	BB	.100	ARO-1232-3
6	10.33	12329	BB	.100	ARO-1232-4
7	10.82	6022	BB	.001	
8	11.22	3686	BB	.000	
9	11.68	9130	BB	.100	ARO-1232-5
10	12.61	5818	BB	.001	
11	12.97	3250	BB	.000	
12	14.20	9158	BB	.001	
13	27.44	103285	BB	.020	DCB

Total Area: 300382

Method File: /DATA/METHOD/AR1232_7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1212 06Jul1994



7-26-94

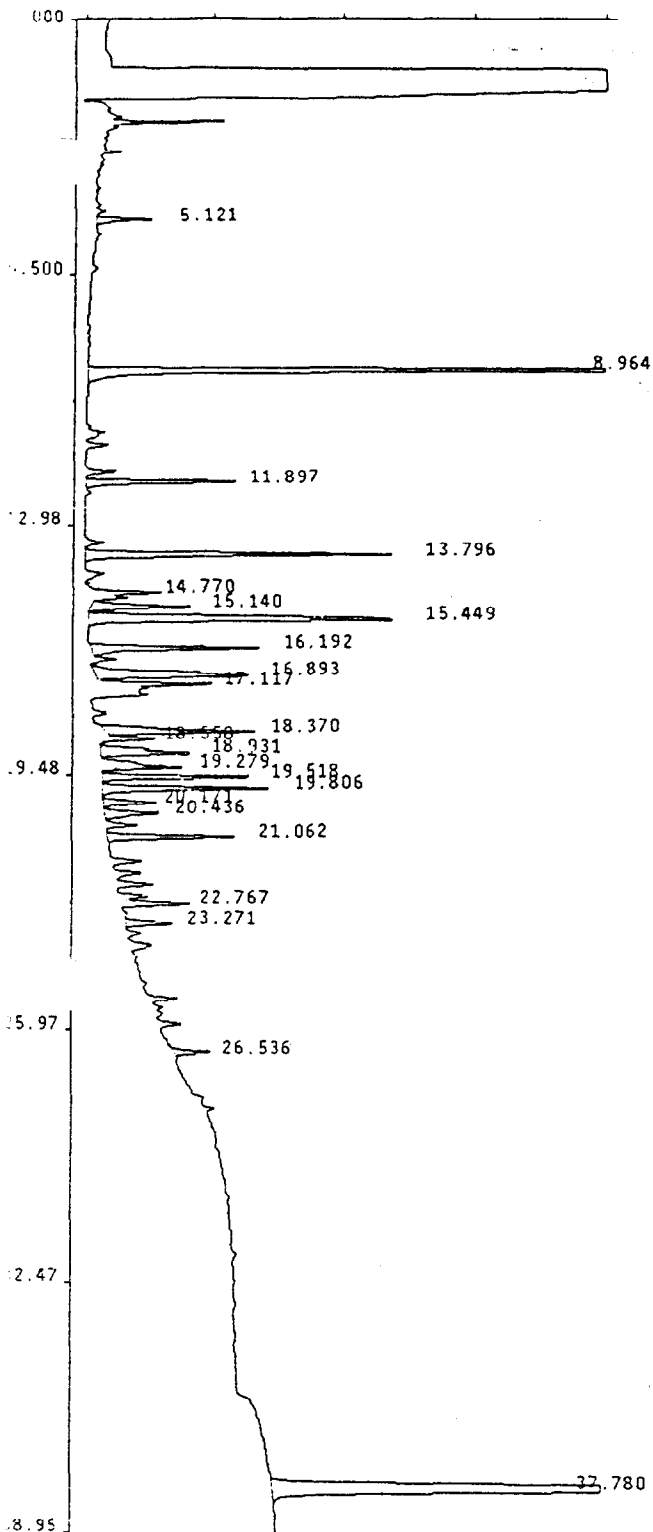
Sample Name : AR12321A *AR12323A*
 Lab Id : AR12321A ,I
 Inst Id & Col : ADB_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M8P21JUL005.RES
 Inject Time : 1502 21Jul1994
 Run Status : EndOffBaseline
 Multilevel : False
 Application : Loop
 Quantitation: AreaUnits
 SignalOverload

PK #	RT	Area	Code	MASSng	Name
1	4.93	9801	VB	.002	
2	6.21	225675	BB	.020	TCX
3	7.57	4310	BB	.001	
4	8.14	3947	BB	.001	
5	8.37	19636	BB	.100	ARO-1232
6	9.84	13176	BB	.100	ARO-1232-2
7	10.60	2550	BB	.000	
8	10.76	2706	BB	.000	
9	11.35	2240	BB	.000	
10	11.70	19413	BB	.100	ARO-1232-3
11	12.19	5973	BB	.001	
12	12.61	5229	BB	.001	
13	13.09	16641	BB	.100	ARO-1232-4
14	14.02	9545	BB	.100	ARO-1232-5
15	14.41	5928	BB	.001	
16	15.28	2664	BB	.000	
17	15.76	12164	BB	.002	
18	16.68	4778	BB	.001	
19	28.63	5983	BB	.001	
20	29.20	264634	BB	.020	DCB

Handwritten signature
 7/25/94

Total Area: 636991

Method File: /DATA/METHOD/AR1232_8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1347 22Jul1994



Sample Name : AR12420A
 Lab Id : AR12420A .I
 Inst Id & Col : AD6_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D6P05JUL006.RES
 Inject Time : 2313 05Jul1994
 Run Status : SignalOverload

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

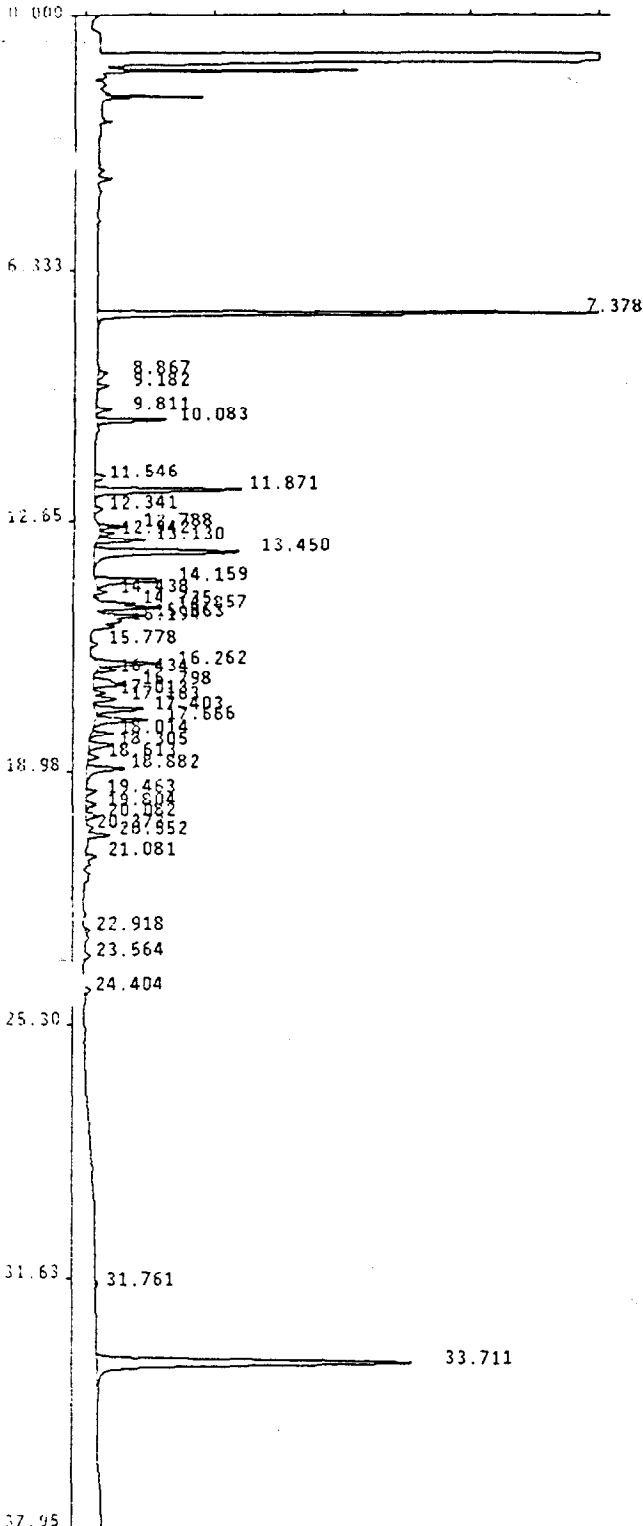
JF 7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	3440	BB	.000	
2	8.96	54950	BB	.020	TCX
3	11.90	9192	BB	.001	
4	13.80	22794	BB	.100	ARO-1242
5	14.77	2243	BB	.000	
6	15.14	7603	BB	.001	
7	15.45	31039	BB	.100	ARO-1242-2
8	16.19	11798	BB	.100	ARO-1242-3
9	16.89	16295	BB	.001	
10	17.12	5229	BB	.000	
11	18.37	12686	BB	.100	ARO-1242-4
12	18.56	2982	BB	.000	
13	18.93	8826	BB	.001	
14	19.28	3411	BB	.000	
15	19.52	9864	BB	.001	
16	19.81	11876	BB	.100	ARO-1242-5
17	20.17	3923	BB	.000	
18	20.44	4983	BB	.000	
19	21.06	8606	BB	.001	
20	22.77	4271	BB	.000	
21	23.27	3301	BB	.000	
22	26.54	2248	BB	.000	
23	37.78	101265	BB	.020	DCB

Total Area: 342825

Method File: /DATA/METHOD/AR1242_S.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1207 06Jul1994

Geimic Corporation Pest/PCB Report



Sample Name : AR12420A *AR12422A*
 Lab Id : AR12420A .I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL006.RES
 Inject Time : 1547 21Jul1994
 Run Status : EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

SignalOverload

Method File: /DATA/METHOD/AR1242_9.MTH

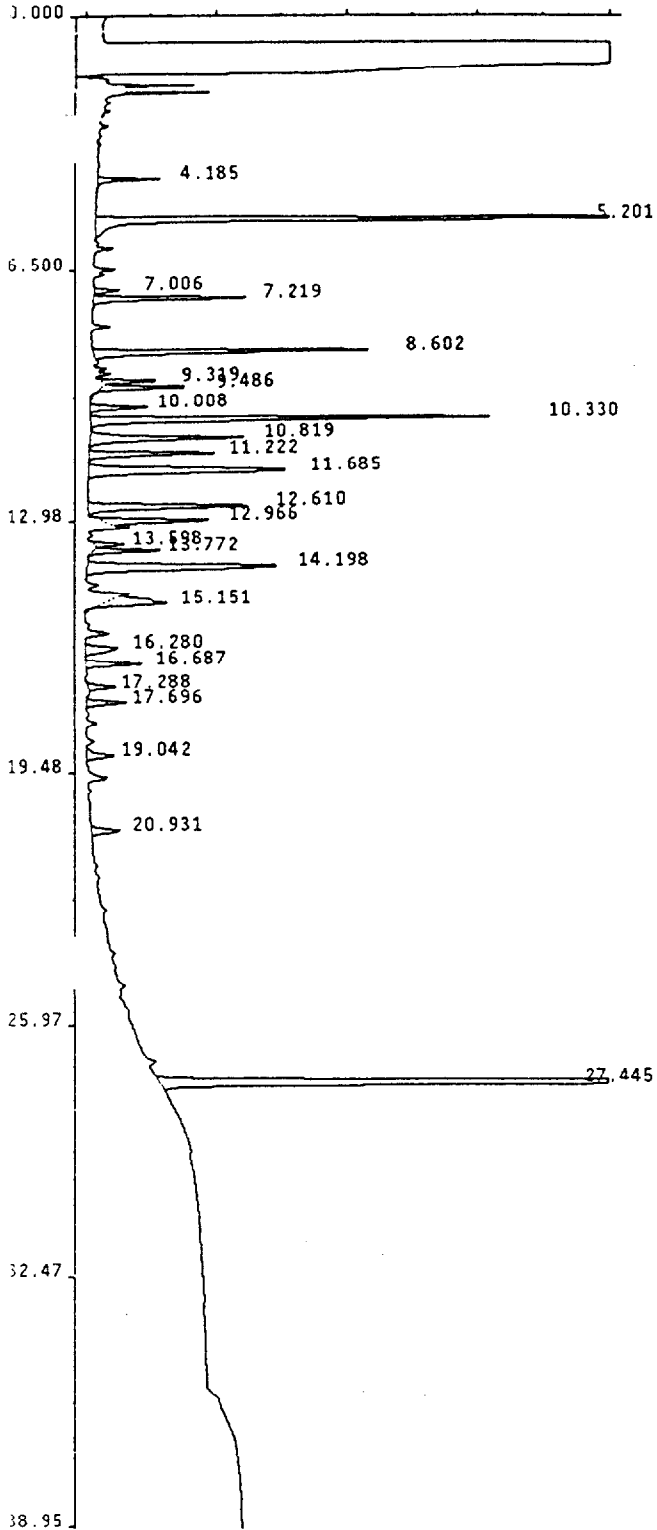
Format File: /DATA/FORMAT/DEFAULT_BASIS.MTH

Report Title: 1327 2886489988 .020

Name *J. J. 3/25/94*
 TCX

Report Title	Time	Area	Height	Width	Integration	Label
2	8.87	4359	BB	.000		
3	9.18	4139	BB	.000		
4	9.81	5552	BB	.000		
5	10.08	25866	BB	.100		ARO-1242
6	11.55	4036	BB	.000		
7	11.87	59423	BB	.100		ARO-1242-2
8	12.34	4077	BB	.000		
9	12.79	9830	BB	.001		
10	12.94	4240	BB	.000		
11	13.13	19713	BB	.002		
12	13.45	88376	BB	.100		ARO-1242-3
13	14.16	28868	BB	.100		ARO-1242-4
14	14.44	3448	BB	.000		
15	14.74	2789	BB	.000		
16	14.86	16179	BB	.001		
17	15.06	11575	BB	.001		
18	15.19	3312	BB	.000		
19	15.78	3406	BB	.000		
20	16.26	26906	BB	.100		ARO-1242-5
21	16.43	5902	BB	.001		
22	16.80	19863	BB	.002		
23	17.01	3625	BB	.000		
24	17.16	7751	BB	.001		
25	17.40	19621	BB	.002		
26	17.67	24049	BB	.002		
27	18.01	8881	BB	.001		
28	18.30	12109	BB	.001		
29	18.61	4509	BB	.000		
30	18.88	20819	BB	.002		
31	19.46	5014	BB	.000		
32	19.80	5063	BB	.000		
33	20.08	5132	BB	.000		
34	20.37	2032	BB	.000		
35	20.55	8797	BB	.001		
36	21.08	4592	BB	.000		
37	22.92	2226	BB	.000		
38	23.56	2902	BB	.000		
39	24.40	3608	BB	.000		
40	31.76	2115	BB	.000		
41	33.71	214115	BB	.020		DCB

Total Area: 864364



Sample Name : AR12421A
 Lab Id : AR12421A .1
 Inst Id & Col : AD7_1, DB_1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D7P05JUL006.RES
 Inject Time : 2313 05Jul1994
 Run Status : EndOffBaseline
 SignalOverload

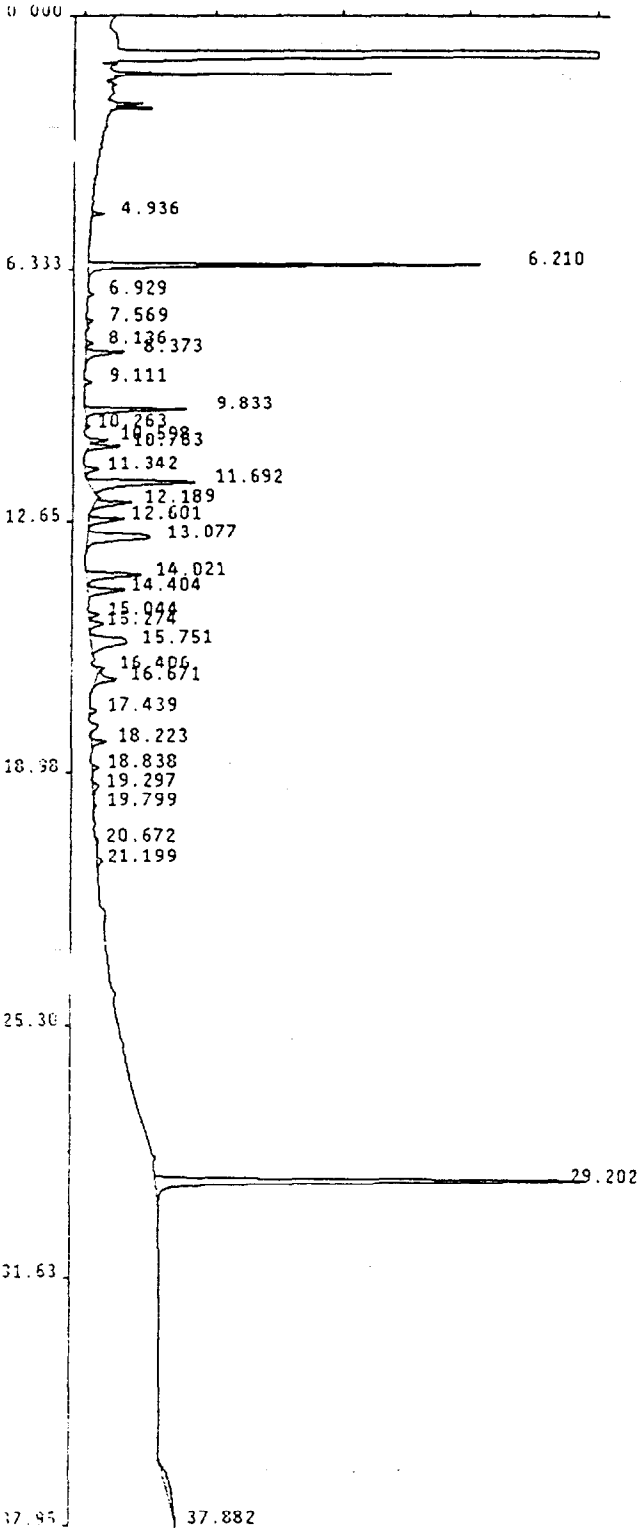
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

17-b-a4

PK #	RT	Area	Code	MASSng	Name
1	4.18	5895	BB	.001	
2	5.20	91853	BB	.020	TCX
3	7.01	2885	BB	.000	
4	7.22	15878	BB	.001	
5	8.60	32135	BB	.100	ARO-1242
6	9.32	5654	BB	.000	
7	9.49	8563	BB	.001	
8	10.01	7166	BB	.001	
9	10.33	50504	BB	.100	ARO-1242-2
10	10.82	23724	BB	.002	
11	11.22	15658	BB	.001	
12	11.69	39953	BB	.100	ARO-1242-3
13	12.61	24815	BB	.100	ARO-1242-4
14	12.97	14074	BB	.001	
15	13.60	3358	BB	.000	
16	13.77	7715	BB	.001	
17	14.20	37655	BB	.100	ARO-1242-5
18	15.15	12111	BB	.001	
19	16.28	6651	BB	.001	
20	16.69	7297	BB	.001	
21	17.29	3685	BB	.000	
22	17.70	5404	BB	.000	
23	19.04	4307	BB	.000	
24	20.93	4403	BB	.000	
25	27.44	127604	BB	.020	DCB

Total Area: 558948

Method File: /DATA/METHOD/AR1242_7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1211 06Jul1994



Geimic Corporation Pest/PCB Report

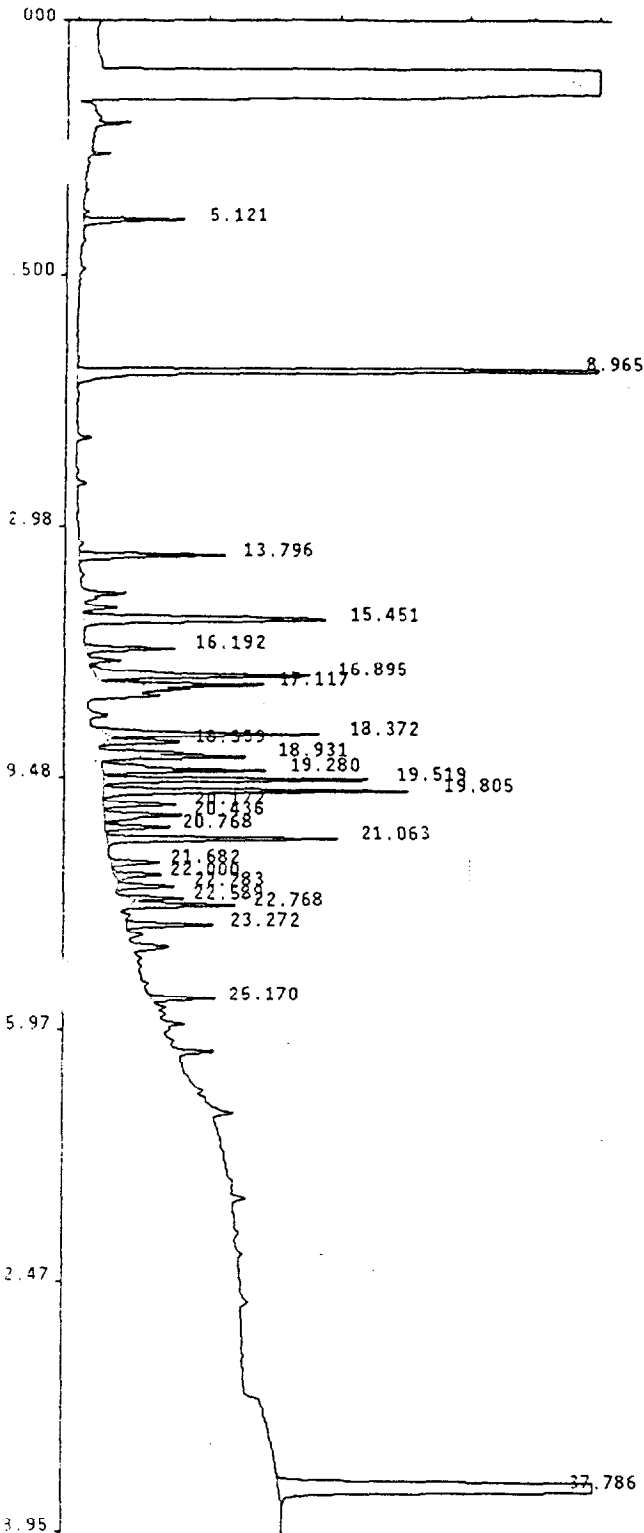
Sample Name : AR12421A *AR10423A*
 Lab Id : AR12421A .I
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/MBP21JUL006.RES
 Inject Time : 1547 21Jul1994
 Run Status : SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.94	5748	VB	.001	
2	6.21	170174	BB	.020	TCX
3	6.93	2722	BB	.000	
4	7.57	3293	BB	.001	
5	8.14	4417	BB	.001	
6	8.37	27230	BB	.004	
7	9.11	3843	BB	.001	
8	9.83	55917	BB	.100	ARO-1242
9	10.26	2127	BB	.000	
10	10.60	8252	BB	.001	
11	10.76	14985	BB	.002	
12	11.34	10036	BB	.002	
13	11.69	79434	BB	.100	ARO-1242-2
14	12.19	24237	BB	.004	
15	12.60	23020	BB	.004	
16	13.08	72440	BB	.100	ARO-1242-3
17	14.02	42546	BB	.100	ARO-1242-4
18	14.40	29260	BB	.100	ARO-1242-5
19	15.04	6207	BB	.001	
20	15.27	10753	BB	.002	
21	15.75	53592	BB	.009	
22	16.41	3550	BB	.001	
23	16.67	16763	BB	.003	
24	17.44	4784	BB	.001	
25	18.22	7941	BB	.001	
26	18.84	3240	BB	.001	
27	19.30	5670	BB	.001	
28	19.80	2075	BB	.000	
29	20.67	2817	BB	.000	
30	21.20	3892	BB	.001	
31	29.20	305240	BB	.020	DCB
32	37.88	25072	BB	.004	

JG
7/25/94

Total Area: 1031277

Method File: /DATA/METHOD/AR1242_8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1349 22Jul1994



Sample Name : AR12480A
 Lab Id : AR12480A .I
 Inst Id & Col : AD6_1, DB_608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D6P05JUL007.RES
 Inject Time : 2356 05Jul1994
 Run Status : SignalOverload

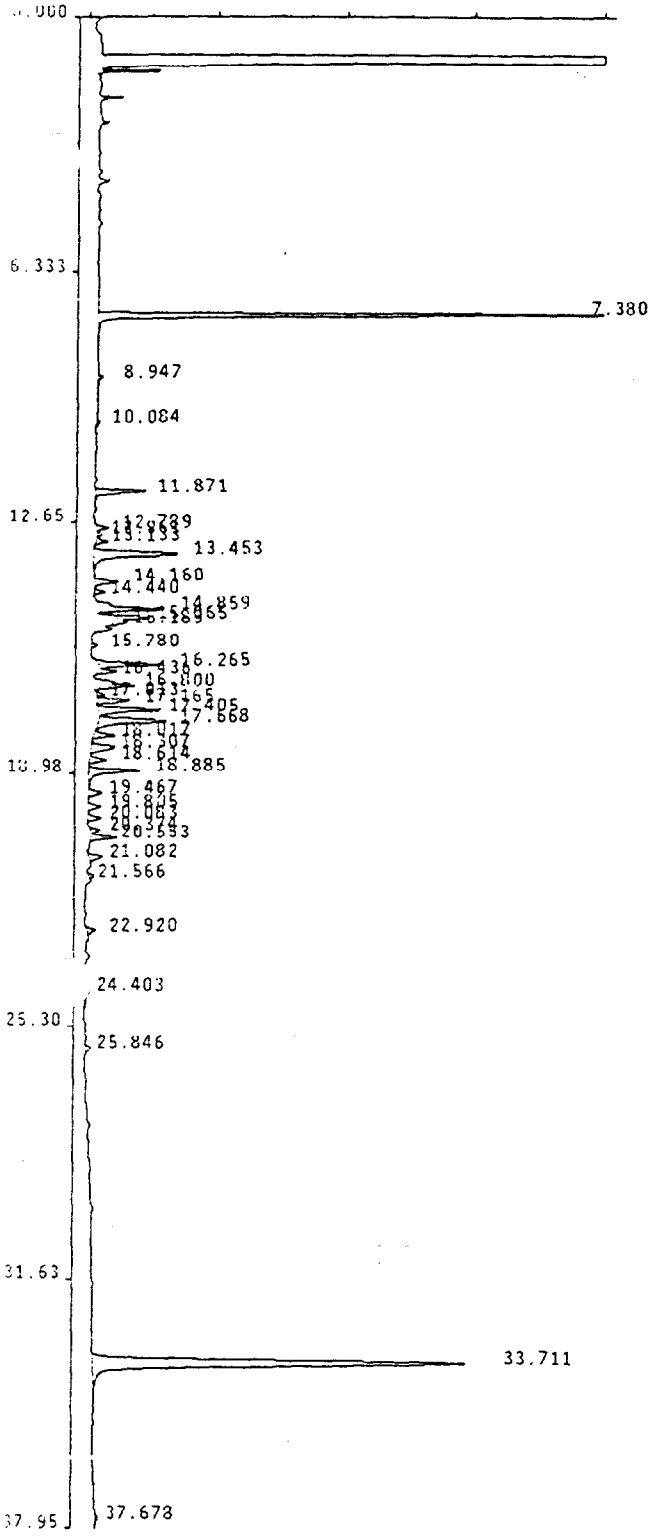
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

f 7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	6007	BB	.001	
2	8.96	71273	BB	.020	TCX
3	13.80	9986	BB	.001	
4	15.45	23993	BB	.100	ARO-1248
5	16.19	5715	BB	.000	
6	16.89	17176	BB	.001	
7	17.12	6888	BB	.001	
8	18.37	15570	BB	.001	
9	18.56	3984	BB	.000	
10	18.93	5096	BB	.100	ARO-1248-2
11	19.28	12598	BB	.001	
12	19.52	17167	BB	.100	ARO-1248-3
13	19.81	20913	BB	.100	ARO-1248-4
14	20.17	5070	BB	.000	
15	20.44	6964	BB	.001	
16	20.77	4221	BB	.000	
17	21.06	15272	BB	.100	ARO-1248-5
18	21.68	3388	BB	.000	
19	22.00	3511	BB	.000	
20	22.28	3630	BB	.000	
21	22.59	3169	BB	.000	
22	22.77	6606	BB	.001	
23	23.27	6101	BB	.001	
24	25.17	4043	BB	.000	
25	37.79	159502	BB	.020	DCB

Total Area: 437843

Method File: /DATA/METHOD/AR1248_6.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1212 06Jul1994



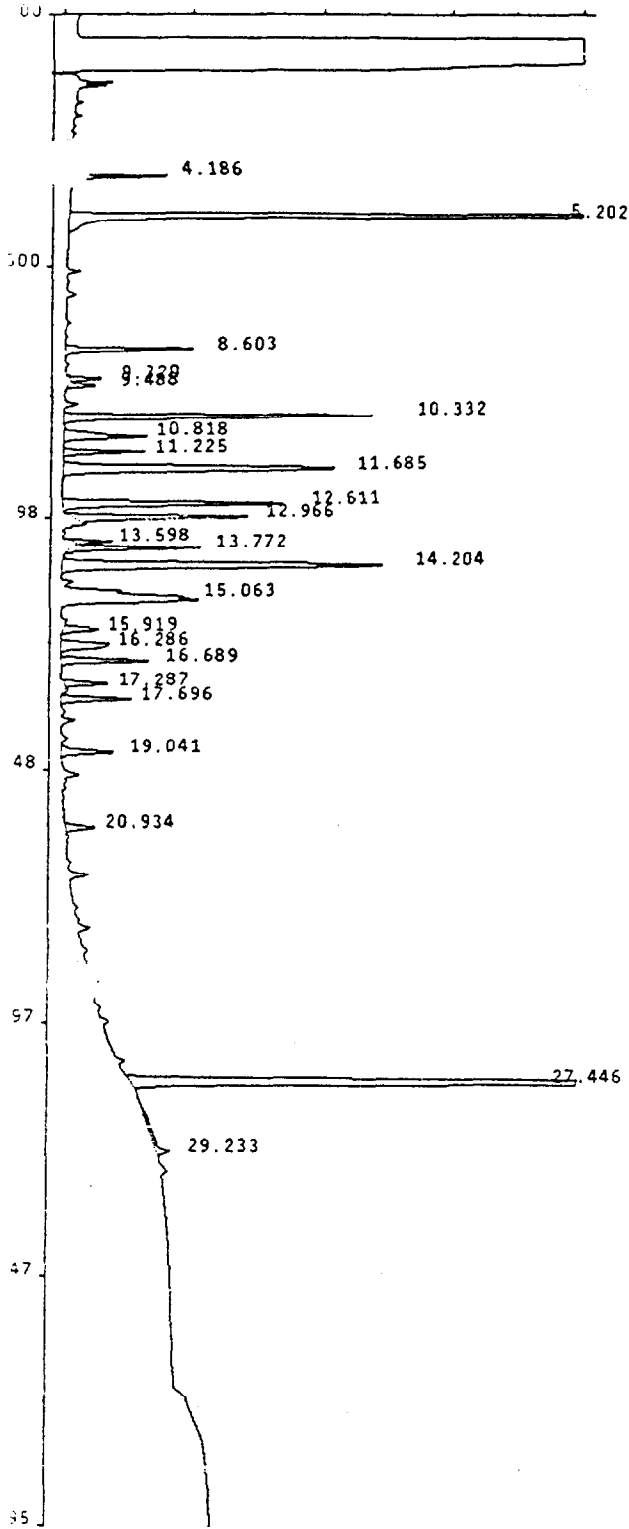
Sample Name : AR12480A *AR12480A*
 Lab Id : AR12480A .I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL007.RES
 Inject Time : 1631 21Jul1994
 Run Status : SignalOverload

PK #	RT	Area	Code	MASSng	Name
1	7.38	203039	BB	.020	TCX
2	8.95	2433	BB	.000	
3	10.08	2164	BB	.000	
4	11.87	26066	BB	.100	ARO-1248
5	12.79	6029	BB	.001	
6	12.96	2172	BB	.000	
7	13.13	5281	BB	.000	
8	13.45	66905	BB	.100	ARO-1248-2
9	14.16	13256	BB	.001	
10	14.44	5191	BB	.000	
11	14.86	27847	BB	.002	
12	15.06	14648	BB	.001	
13	15.18	5029	BB	.000	
14	15.78	3523	BB	.000	
15	16.26	33112	BB	.100	ARO-1248-3
16	16.44	7921	BB	.001	
17	16.80	12055	BB	.001	
18	17.01	3479	BB	.000	
19	17.17	15840	BB	.001	
20	17.40	33004	BB	.100	ARO-1248-4
21	17.67	41080	BB	.100	ARO-1248-5
22	18.02	10936	BB	.001	
23	18.31	16223	BB	.001	
24	18.61	8602	BB	.001	
25	18.89	36219	BB	.003	
26	19.47	7607	BB	.001	
27	19.81	7806	BB	.001	
28	20.08	7530	BB	.001	
29	20.37	4355	BB	.000	
30	20.55	13115	BB	.001	
31	21.08	8534	BB	.001	
32	21.57	2440	BB	.000	
33	22.92	4716	BB	.000	
34	24.40	7833	BB	.001	
35	25.85	3402	BB	.000	
36	33.71	329737	BB	.020	DCB
37	37.68	2842	BB	.000	

J
7/20/94

Total Area: 1001967

Method File: /DATA/METHOD/AR1248_9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1329 22Jul1994



Sample Name : AR12481A
 Lab Id : AR12481A .I
 Inst Id & Col : AD7_1. DB_1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D7P05JUL007.RES
 Inject Time : 2356 05Jul1994
 Run Status : EndOffBaseline
 SignalOverload

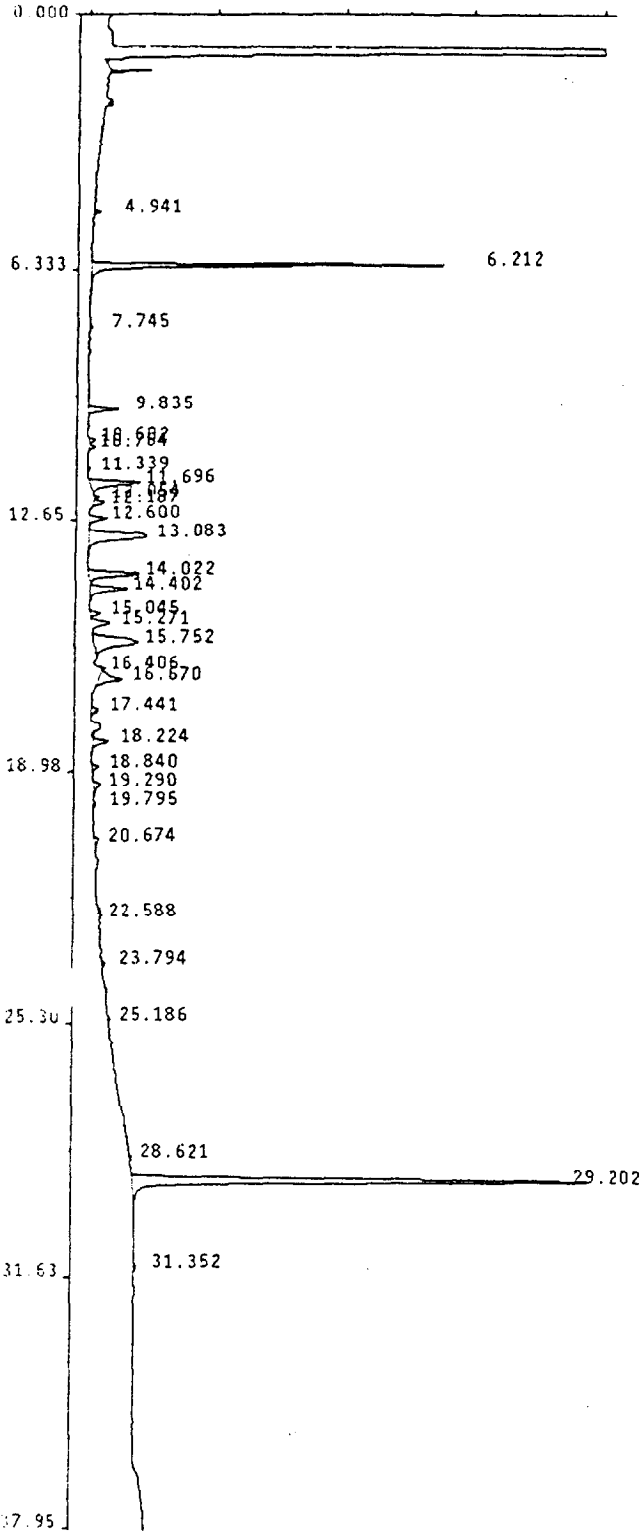
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

7-6-94

PK #	RT	Area	Code	MASSng	Name
1	4.19	8687	BB	.001	
2	5.20	119920	BB	.020	TCX
3	8.60	15525	BB	.001	
4	9.32	3313	BB	.000	
5	9.49	2856	BB	.000	
6	10.33	39255	BB	.100	ARO-1248
7	10.82	14306	BB	.001	
8	11.22	10577	BB	.001	
9	11.68	55850	BB	.100	ARO-1248-2
10	12.61	33441	BB	.100	ARO-1248-3
11	12.97	23295	BB	.002	
12	13.60	4346	BB	.000	
13	13.77	15457	BB	.001	
14	14.20	64629	BB	.100	ARO-1248-4
15	15.06	2101	BB	.000	
16	15.92	5005	BB	.000	
17	16.29	11302	BB	.001	
18	16.69	11954	BB	.100	ARO-1248-5
19	17.29	5694	BB	.000	
20	17.70	9552	BB	.001	
21	19.04	8275	BB	.001	
22	20.93	4656	BB	.000	
23	27.45	201475	BB	.020	DCB
24	29.23	5485	BB	.000	

Total Area: 676958

Method File: /DATA/METHOD/AR1248_7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1218 06Jul1994



Sample Name : AR12481A *AR12483A*
 Lab Id : AR12481A .I
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M8P21JUL007.RES
 Inject Time : 1631 21Jul1994
 Run Status : EndOffBaseline
 SignalOverload

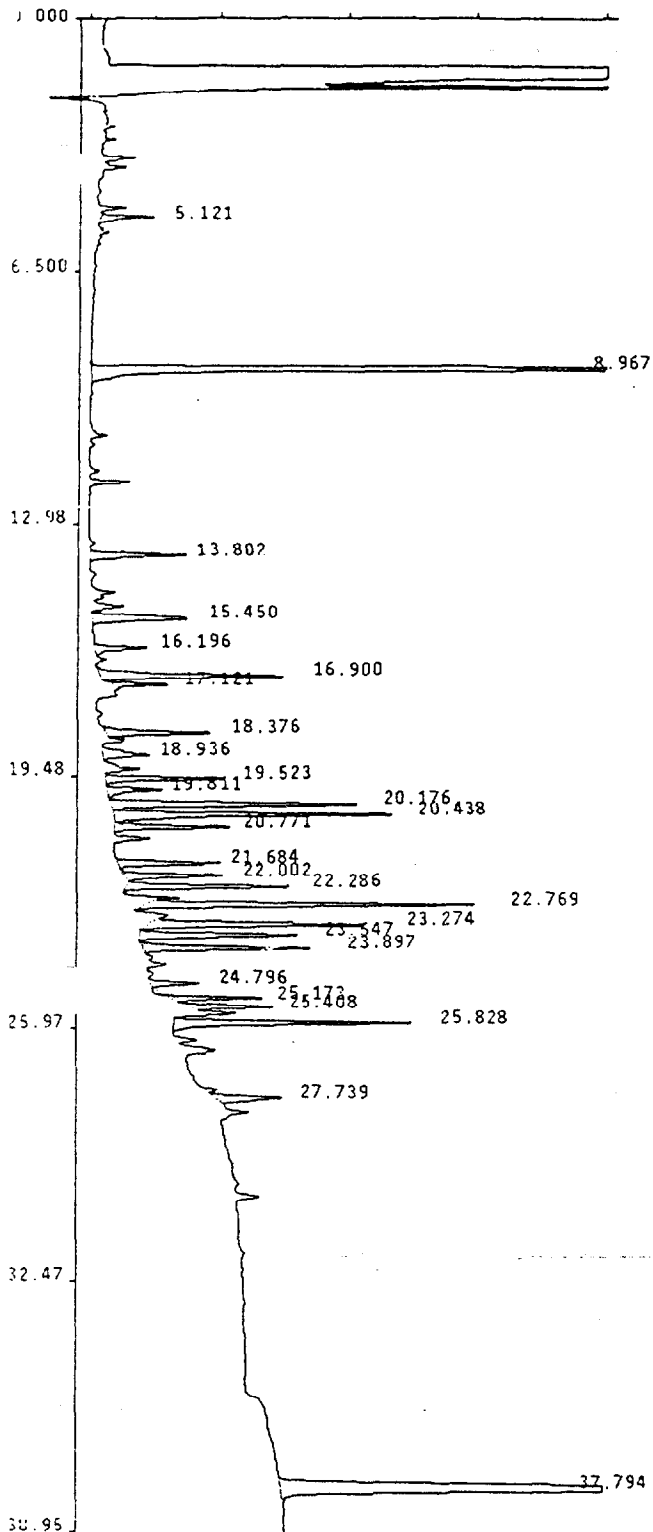
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.94	4320	VB	.001	
2	6.21	223142	BB	.020	TCX
3	7.74	2056	BB	.000	
4	9.83	26053	BB	.005	
5	10.60	5165	BB	.001	
6	10.76	4063	BB	.001	
7	11.34	2241	BB	.000	
8	11.70	57843	BB	.100	ARO-1248
9	12.05	2410	BB	.000	
10	12.19	8463	BB	.002	
11	12.60	15598	BB	.003	
12	13.08	104448	BB	.100	ARO-1248-2
13	14.02	57428	BB	.100	ARO-1248-3
14	14.40	42919	BB	.008	
15	15.05	8299	BB	.002	
16	15.27	21100	BB	.004	
17	15.75	91594	BB	.100	ARO-1248-4
18	16.41	3774	BB	.001	
19	16.67	30701	BB	.100	ARO-1248-5
20	17.44	7711	BB	.002	
21	18.22	13847	BB	.003	
22	18.84	6179	BB	.001	
23	19.29	11408	BB	.002	
24	19.80	2539	BB	.000	
25	20.67	5746	BB	.001	
26	22.59	5695	BB	.001	
27	23.79	2949	BB	.001	
28	25.19	2178	BB	.000	
29	28.62	3570	BB	.001	
30	29.20	471855	BB	.020	DCB
31	31.35	3154	BB	.001	

J
2/25/94

Total Area: 1248451

Method File: /DATA/METHOD/AR1248_8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1350 22Jul1994



Sample Name : AR12540A
 Lab Id : AR12540A .I
 Inst Id & Col : AD6_1, DB-608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D6P05JUL008.RES
 Inject Time : 0040 06Jul1994
 Run Status : RunStatusOK

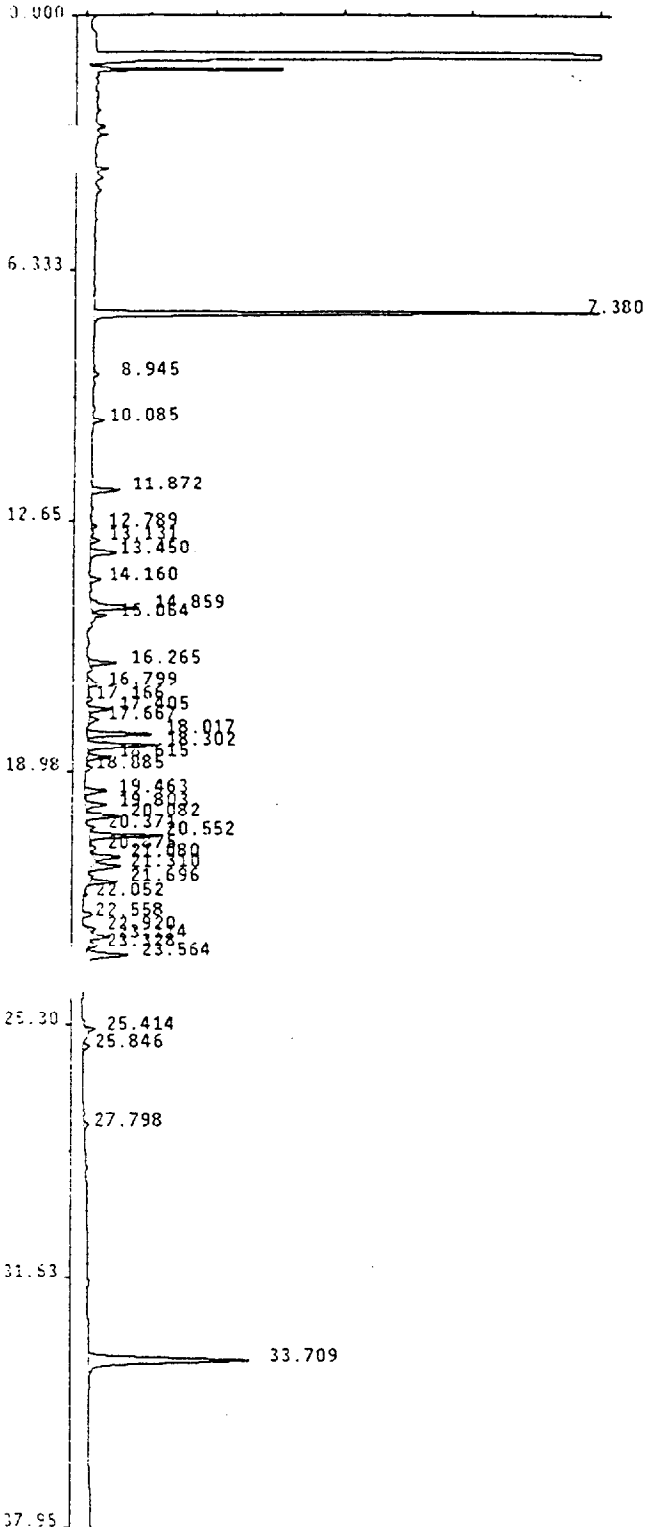
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	3169	BB	.000	
2	8.97	86587	BB	.020	TCX
3	13.80	7043	BB	.001	
4	15.45	9428	BB	.001	
5	16.20	3513	BB	.000	
6	16.90	13315	BB	.001	
7	17.12	3162	BB	.000	
8	18.38	7379	BB	.001	
9	18.94	4048	BB	.000	
10	19.52	7567	BB	.001	
11	19.81	3950	BB	.000	
12	20.18	17803	BB	.100	ARO-1254
13	20.44	21220	BB	.100	ARO-1254-2
14	20.77	7457	BB	.001	
15	21.68	6856	BB	.001	
16	22.00	6763	BB	.001	
17	22.29	10275	BB	.001	
18	22.77	21929	BB	.100	ARO-1254-3
19	23.27	15532	BB	.100	ARO-1254-4
20	23.55	11249	BB	.001	
21	23.90	13189	BB	.001	
22	24.80	3120	BB	.000	
23	25.17	4902	BB	.000	
24	25.41	5095	BB	.000	
25	25.83	17208	BB	.100	ARO-1254-5
26	27.74	6056	BB	.001	
27	37.79	84531	BB	.020	DCB

Total Area: 402348

Method File: /DATA/METHOD/AR1254_6.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1216 06Jul1994

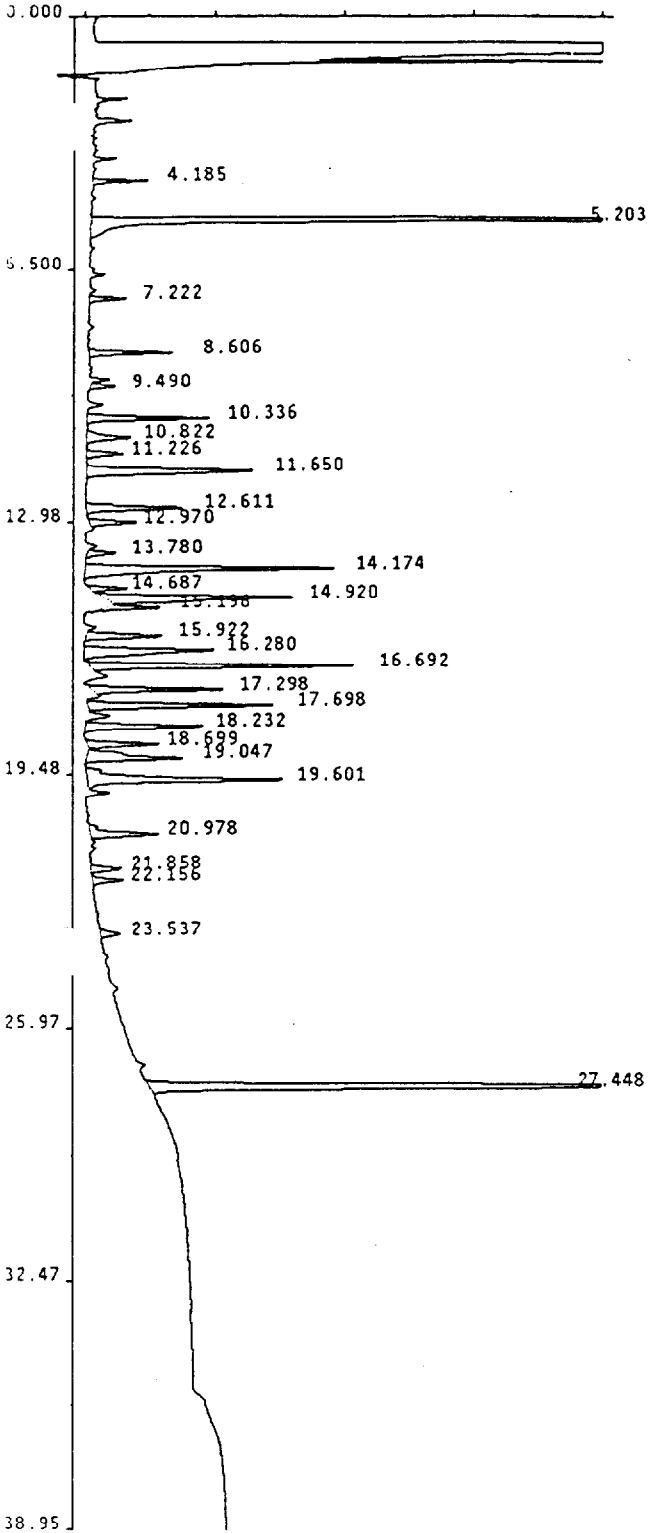


Sample Name : AR12540A *AR 125-02A*
 Lab Id : AR12540A .I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL008.RES
 Inject Time : 1715 21Jul1994
 Run Status : EndOffBaseline
 SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	7.38	248363	BB	.020	TCX
2	8.95	3396	BB	.000	
3	10.08	6740	BB	.001	
4	11.87	18191	BB	.002	
5	12.79	3267	BB	.000	
6	13.13	5951	BB	.001	
7	13.45	26919	BB	.002	
8	14.16	8448	BB	.001	
9	14.86	32656	BB	.100	ARO-1254
10	15.06	7324	BB	.001	
11	16.26	16997	BB	.001	
12	16.80	9217	BB	.001	
13	17.17	3174	BB	.000	
14	17.41	15174	BB	.001	
15	17.67	7515	BB	.001	
16	18.02	42660	BB	.100	ARO-1254-2
17	18.30	50236	BB	.100	ARO-1254-3
18	18.61	15872	BB	.001	
19	18.89	4129	BB	.000	
20	19.46	15964	BB	.001	
21	19.80	15534	BB	.001	
22	20.08	22319	BB	.002	
23	20.37	3777	BB	.000	
24	20.55	46244	BB	.100	ARO-1254-4
25	20.87	4773	BB	.000	
26	21.08	18735	BB	.002	
27	21.31	19383	BB	.002	
28	21.70	16268	BB	.001	
29	22.05	2076	BB	.000	
30	22.56	7185	BB	.001	
31	22.92	3860	BB	.000	
32	23.11	12156	BB	.001	
33	23.33	5518	BB	.000	
34	23.56	34507	BB	.100	ARO-1254-5
35	25.41	4937	BB	.000	
36	25.85	5637	BB	.000	
37	27.80	3451	BB	.000	
38	33.71	174492	BB	.020	DCB

Total Area: 943048

Method File: /DATA/METHOD/AR1254_9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1330 22Jul1994



Crimic Corporation Pest/PCB Report

Sample Name : AR12541A
 Lab Id : AR12541A ,I
 Inst Id & Col : AD7_1, DB_1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D7P05JUL008.RES
 Inject Time : 0040 06Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

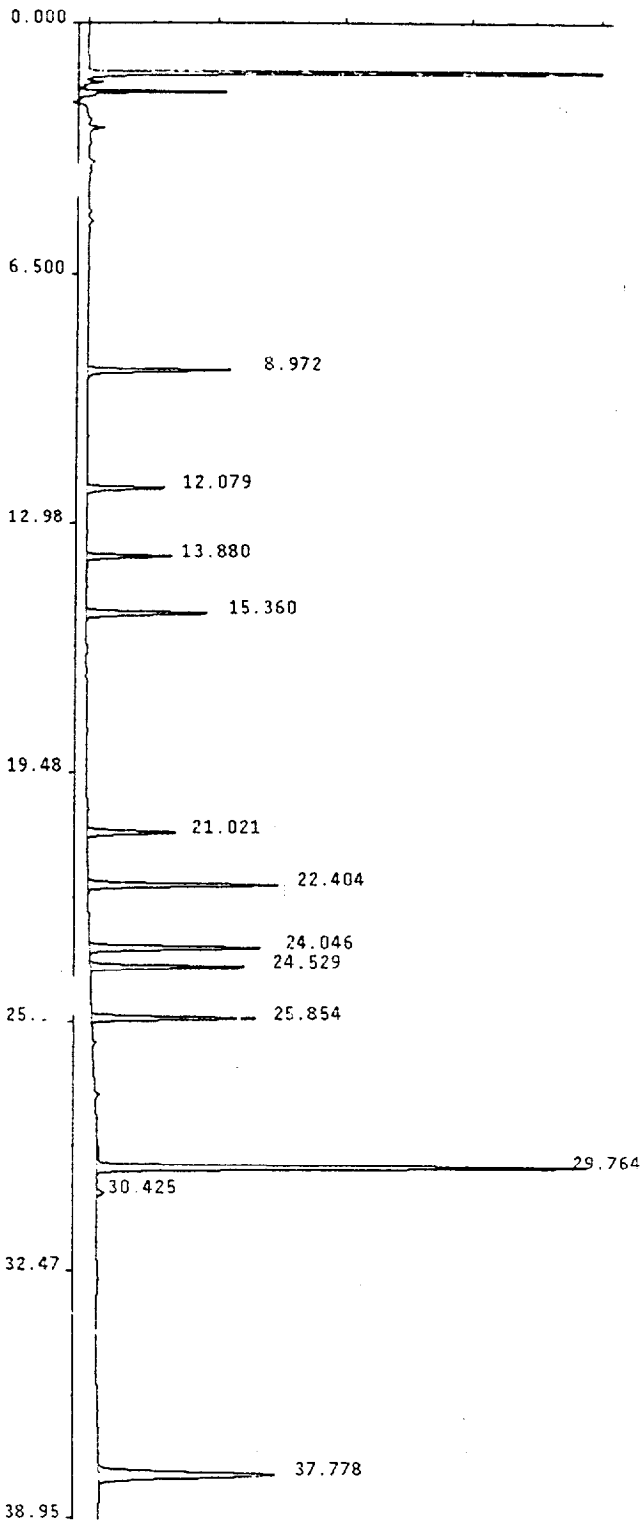
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	5105	BB	.000	
2	5.20	145031	BB	.020	TCX
3	7.22	4127	BB	.000	
4	8.61	10438	BB	.001	
5	9.49	2722	BB	.000	
6	10.34	15750	BB	.001	
7	10.82	7519	BB	.001	
8	11.23	4806	BB	.000	
9	11.65	30083	BB	.003	
10	12.61	14580	BB	.001	
11	12.97	6545	BB	.001	
12	13.78	3834	BB	.000	
13	14.17	42610	BB	.100	ARO-1254
14	14.69	4585	BB	.000	
15	14.92	33286	BB	.003	
16	15.20	5398	BB	.000	
17	15.92	11090	BB	.001	
18	16.28	25183	BB	.100	ARO-1254-2
19	16.69	34810	BB	.100	ARO-1254-3
20	17.30	17377	BB	.002	
21	17.70	26110	BB	.100	ARO-1254-4
22	18.23	16307	BB	.001	
23	18.70	10112	BB	.001	
24	19.05	18222	BB	.002	
25	19.60	36229	BB	.100	ARO-1254-5
26	20.98	11472	BB	.001	
27	21.86	4405	BB	.000	
28	22.16	4279	BB	.000	
29	23.54	3405	BB	.000	
30	27.45	107198	BB	.020	DCB

Total Area: 662616

Method File: /DATA/METHOD/AR1254_7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1221 06Jul1994



Sample Name : INDAM08
 Lab Id : INDAM08
 Inst Id & Col : AD6_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/L6P22JUL016.RES
 Inject Time : 0902 23Jul1994
 Run Status : UserAbortedRun

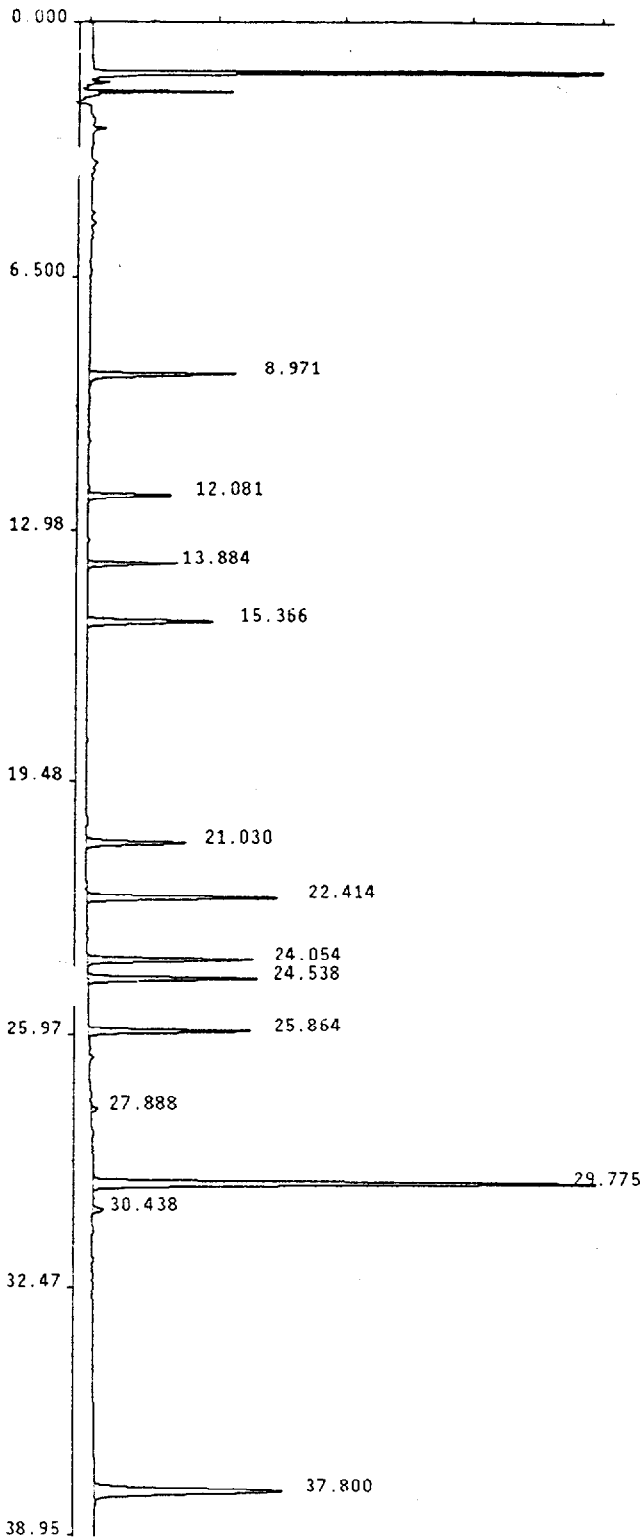
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Handwritten signature
 7-25-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	68708	BB	.019	TCX
2	12.08	42921	BB	.022	ALPHA-BHC
3	13.88	46050	BB	.022	GAMMA-BHC
4	15.36	72827	BB	.020	HEPTACHLOR
5	21.02	53447	BB	.021	ENDOSULF. I
6	22.40	107994	BB	.040	DIELDRIN
7	24.05	99116	BB	.042	ENDRIN
8	24.53	85417	BB	.042	4,4'-DDD
9	25.85	90292	BB	.042	4,4'-DDT
10	29.76	317433	BB	.216	METHOXYCHLOR
11	30.43	4977	BB	.003	ENDRIN KETON
12	37.78	178230	BB	.041	DCB

Total Area: 1167412

Method File: /DATA/METHOD/INDABQ6.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1706 24Jul1994



Sample Name : INDAMOC
 Lab Id : INDAMOC
 Inst Id & Col : AD6_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/L6P22JUL038.RES
 Inject Time : 0158 24Jul1994
 Run Status : RunStatusOK

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	8.97	63897	BB	.018	TCX
2	12.08	39929	BB	.020	ALPHA-BHC
3	13.88	44133	BB	.021	GAMMA-BHC
4	15.37	68854	BB	.019	HEPTACHLOR
5	21.03	51443	BB	.020	ENDOSULF. I
6	22.41	102628	BB	.038	DIELDRIN
7	24.05	91060	BB	.039	ENDRIN
8	24.54	83016	BB	.041	4,4'-DDD
9	25.86	80817	BB	.037	4,4'-DDT
10	27.89	3829	BB	.003	
11	29.78	279671	BB	.191	METHOXYCHLOR
12	30.44	6388	BB	.004	ENDRIN KETON
13	37.80	172534	BB	.039	DCB

Handwritten signature
 7-25-94

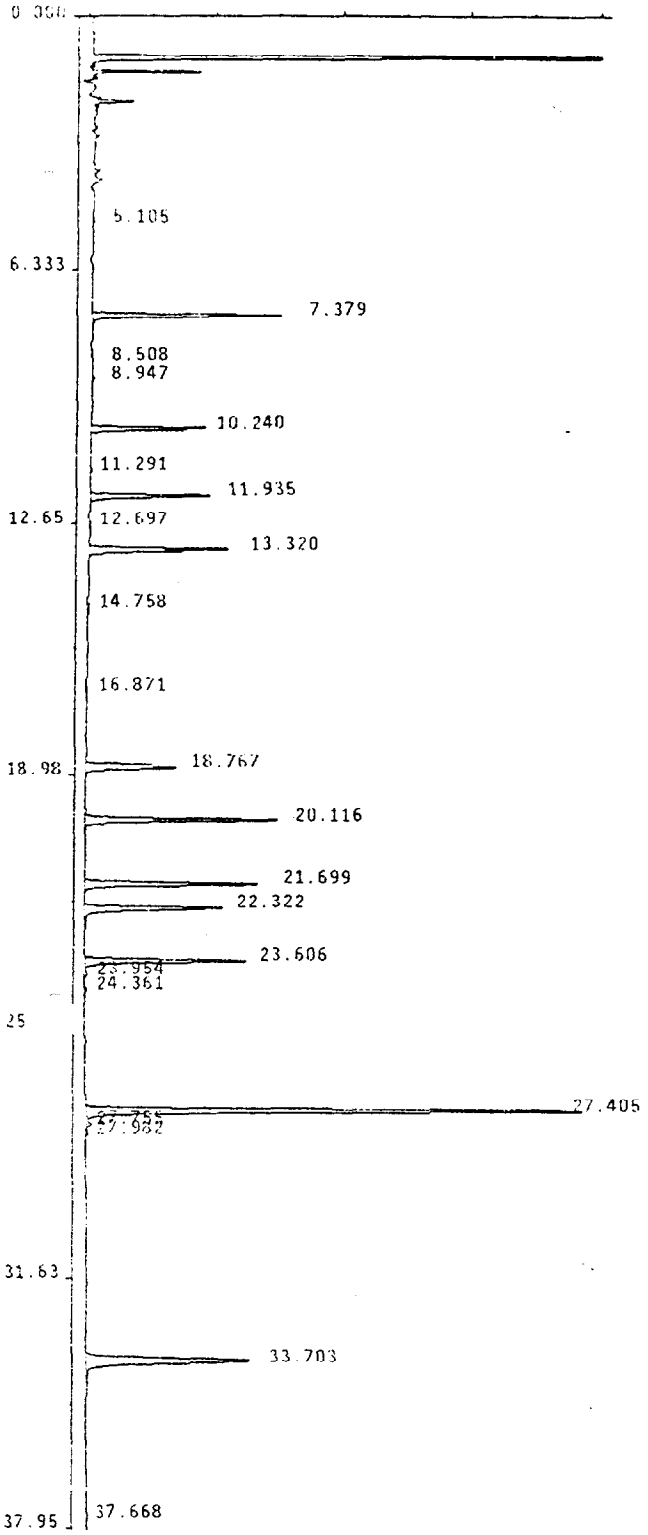
Total Area: 1088198

Method File: /DATA/METHOD/INDABQ6.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1433 25Jul1994

Sample Name : INDAM2B
 Lab Id : INDAM2B
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL040.RES
 Inject Time : 1839 25Jul1994
 Run Status : RunStatusOK

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

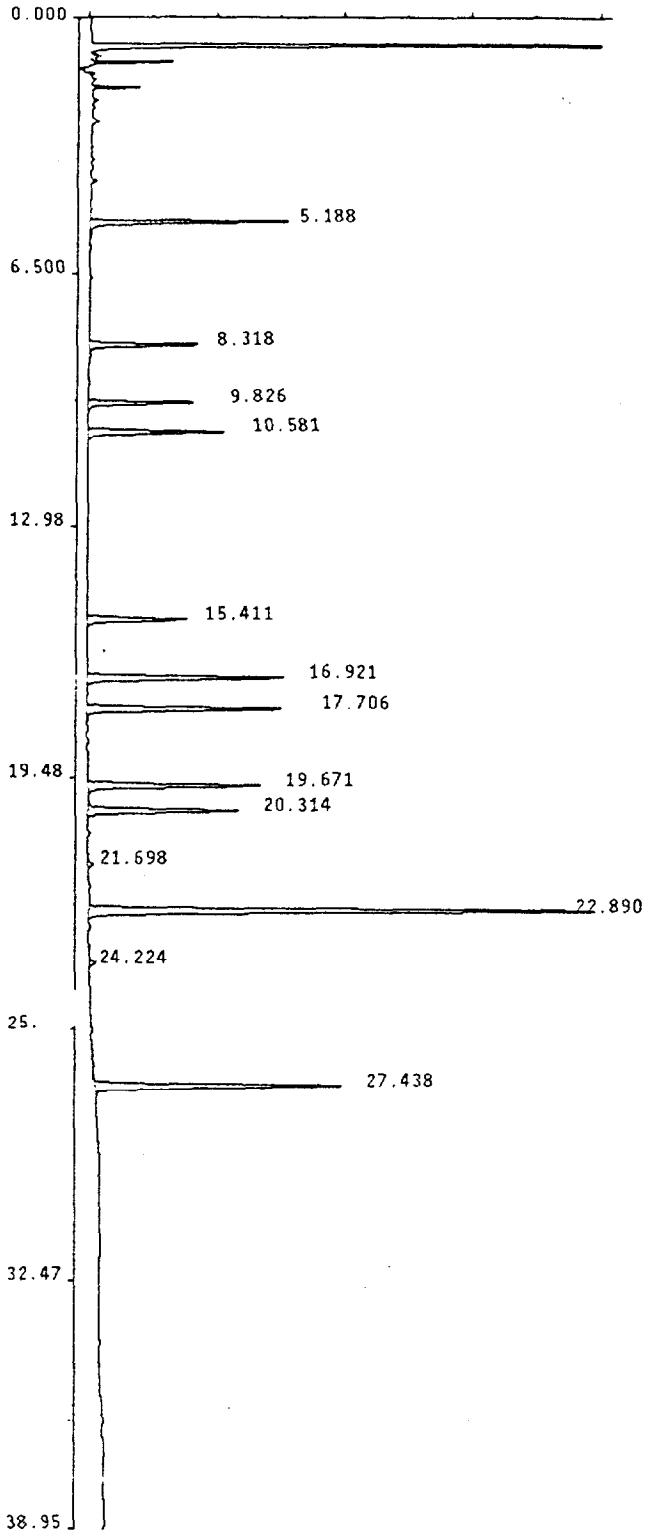
17-26-94



Pk #	RT	Area	Code	MASSng	Name
1	5.10	2407	BB	.001	
2	7.38	217536	BB	.021	TCX
3	8.51	3579	BB	.001	
4	8.95	3005	BB	.001	
5	10.24	142717	BB	.022	ALPHA-BHC
6	11.29	2533	BB	.001	
7	11.93	161700	BB	.021	GAMMA-BHC
8	12.70	2003	BB	.000	
9	13.32	221993	BB	.021	HEPTACHLOR
10	14.76	6268	BB	.001	ALDRIN
11	16.87	5098	BB	.001	
12	18.77	146417	BB	.021	ENDOSULF. I
13	20.12	291995	BB	.042	DIELDRIN
14	21.70	269045	BB	.045	ENDRIN
15	22.32	220716	BB	.043	4,4'-DDD
16	23.61	242773	BB	.039	4,4'-DDT
17	23.95	3676	BB	.001	ENDRIN ALDEH
18	24.36	4621	BB	.001	
19	27.41	787402	BB	.212	METHOXYCHLOR
20	27.76	6011	BB	.001	ENDRIN KETON
21	27.98	3243	BB	.001	
22	33.70	420776	BB	.043	DCB
23	37.67	6782	BB	.001	

Total Area: 3172294

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 0929 26Jul1994



Sample Name : INDAM1B
 Lab Id : INDAM1B
 Inst Id & Col : AD7_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/L7P22JUL016.RES
 Inject Time : 0902 23Jul1994
 Run Status : RunStatusOK

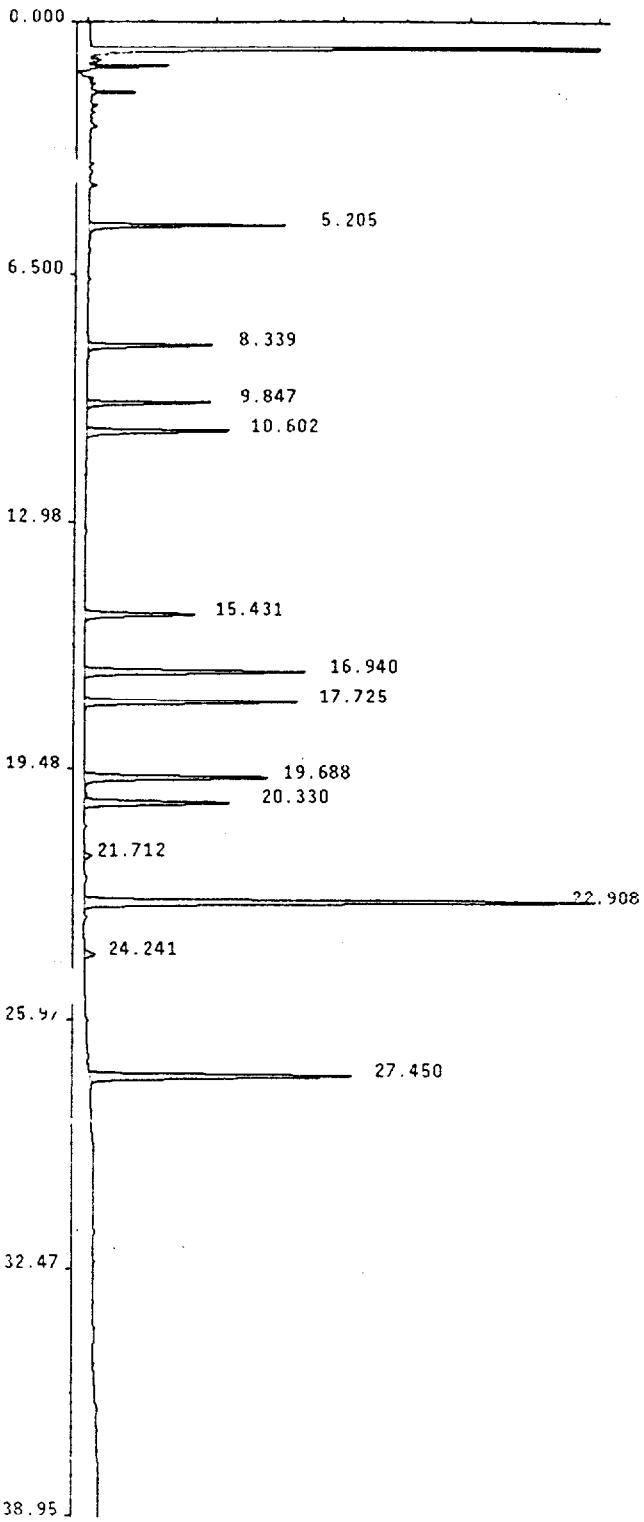
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	5.19	113599	BB	.019	TCX
2	8.32	76166	BB	.021	ALPHA-BHC
3	9.83	83263	BB	.021	GAMMA-BHC
4	10.58	111114	BB	.020	HEPTACHLOR
5	15.41	85682	BB	.021	ENDOSULF. I
6	16.92	168064	BB	.040	DIELDRIN
7	17.71	169938	BB	.041	ENDRIN
8	19.67	142971	BB	.041	4,4'-DDD
9	20.31	128098	BB	.040	4,4'-DDT
10	21.70	5910	BB	.001	
11	22.89	438965	BB	.209	METHOXYCHLOR
12	24.22	6857	BB	.002	ENDRIN KETON
13	27.44	219446	BB	.040	DCB

Total Area: 1750073

Method File: /DATA/METHOD/INDABQ7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1706 24Jul1994

Handwritten signature and date: 7-25-94



Sample Name : INDAM1C
 Lab Id : INDAM1C
 Inst Id & Col : AD7_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/L7P22JUL038.RES
 Inject Time : 0158 24Jul1994
 Run Status : RunStatusOK

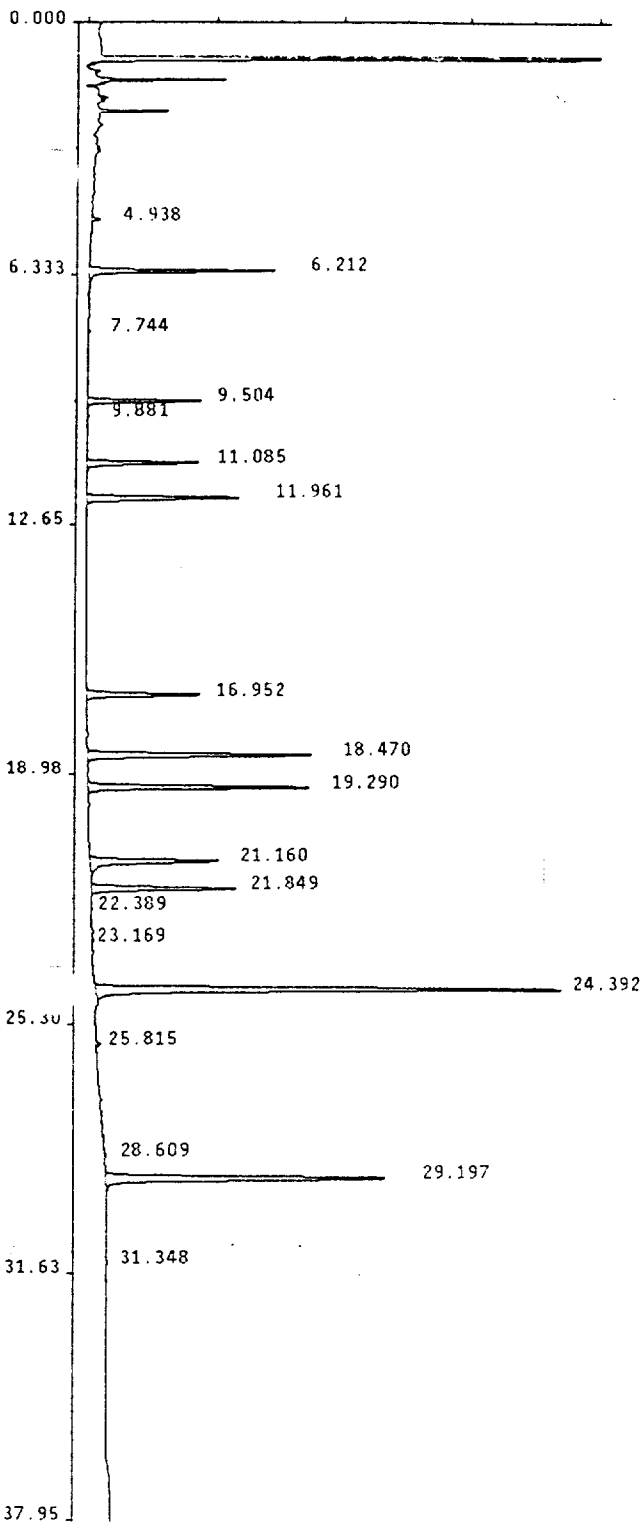
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	5.20	104112	BB	.018	TCX
2	8.34	71662	BB	.020	ALPHA-BHC
3	9.85	78195	BB	.020	GAMMA-BHC
4	10.60	103843	BB	.019	HEPTACHLOR
5	15.43	81769	BB	.020	ENDOSULF. I
6	16.94	157649	BB	.038	DIELDRIN
7	17.72	153875	BB	.037	ENDRIN
8	19.69	137362	BB	.040	4,4'-DDD
9	20.33	111506	BB	.035	4,4'-DDT
10	21.71	5815	BB	.001	
11	22.91	394370	BB	.187	METHOXYCHLOR
12	24.24	9451	BB	.003	ENDRIN KETON
13	27.45	210727	BB	.038	DCB

7-25-94

Total Area: 1620337

Method File: /DATA/METHOD/INDABQ7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1821 24Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : INDAM3B
 Lab Id : INDAM3B
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL040.RES
 Inject Time : 1839 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

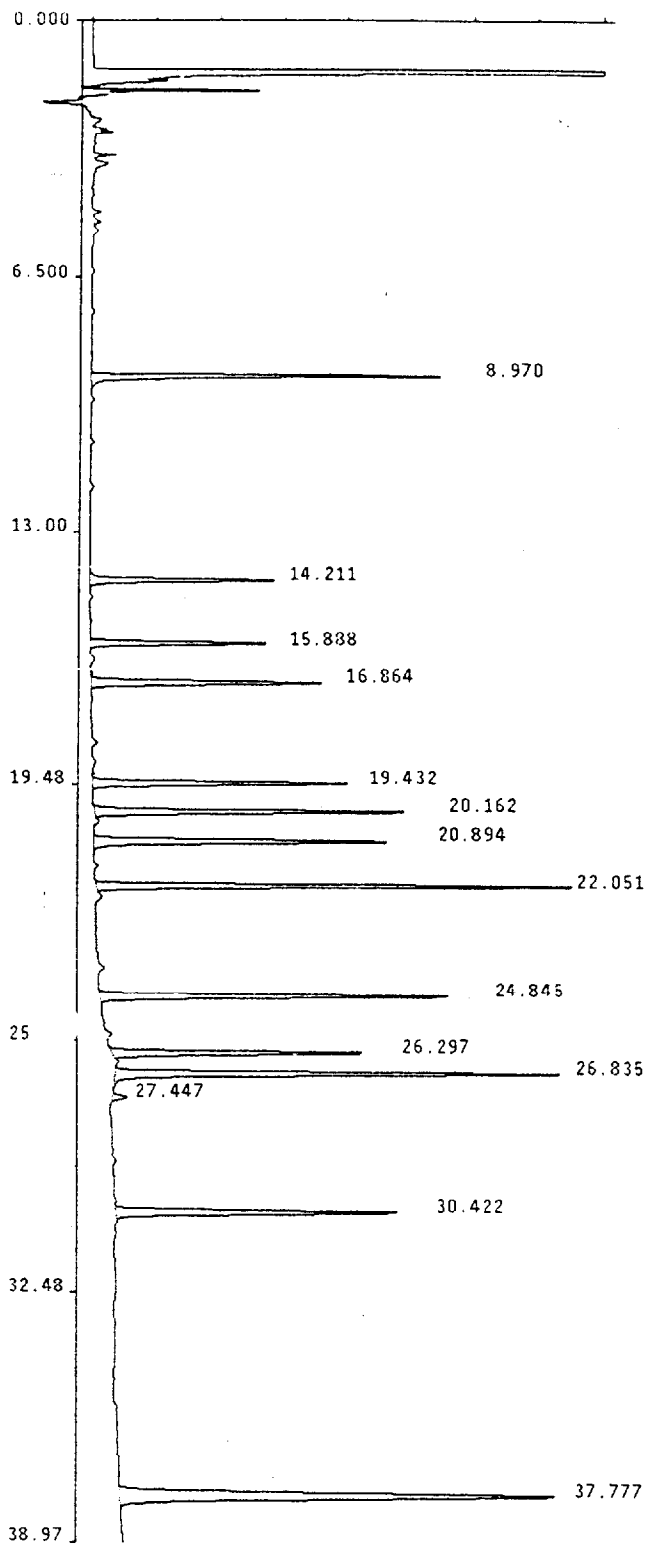
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

7-26-94

PK #	RT	Area	Code	MASSng	Name
1	4.94	10778	VB	.002	
2	6.21	241170	BB	.021	TCX
3	7.74	2409	BB	.001	
4	9.50	151190	BB	.021	ALPHA-BHC
5	9.88	2846	BB	.001	
6	11.09	168259	BB	.021	GAMMA-BHC
7	11.96	254115	BB	.020	HEPTACHLOR
8	16.95	194044	BB	.021	ENDOSULF. I
9	18.47	373206	BB	.042	DIELDRIN
10	19.29	358802	BB	.044	ENDRIN
11	21.16	252702	BB	.045	4,4'-DDD
12	21.85	239362	BB	.040	4,4'-DDT
13	22.39	2891	BB	.001	
14	23.17	2118	BB	.000	
15	24.39	920989	BB	.217	METHOXYCHLOR
16	25.82	7015	BB	.001	ENDRIN KETON
17	28.61	5584	BB	.001	
18	29.20	565823	BB	.042	DCB
19	31.35	3265	BB	.001	

Total Area: 3756567

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 0934 26Jul1994



Sample Name : INDBM08
 Lab Id : INDBM08
 Inst Id & Col : AD6_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/L6P22JUL017.RES
 Inject Time : 1041 23Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

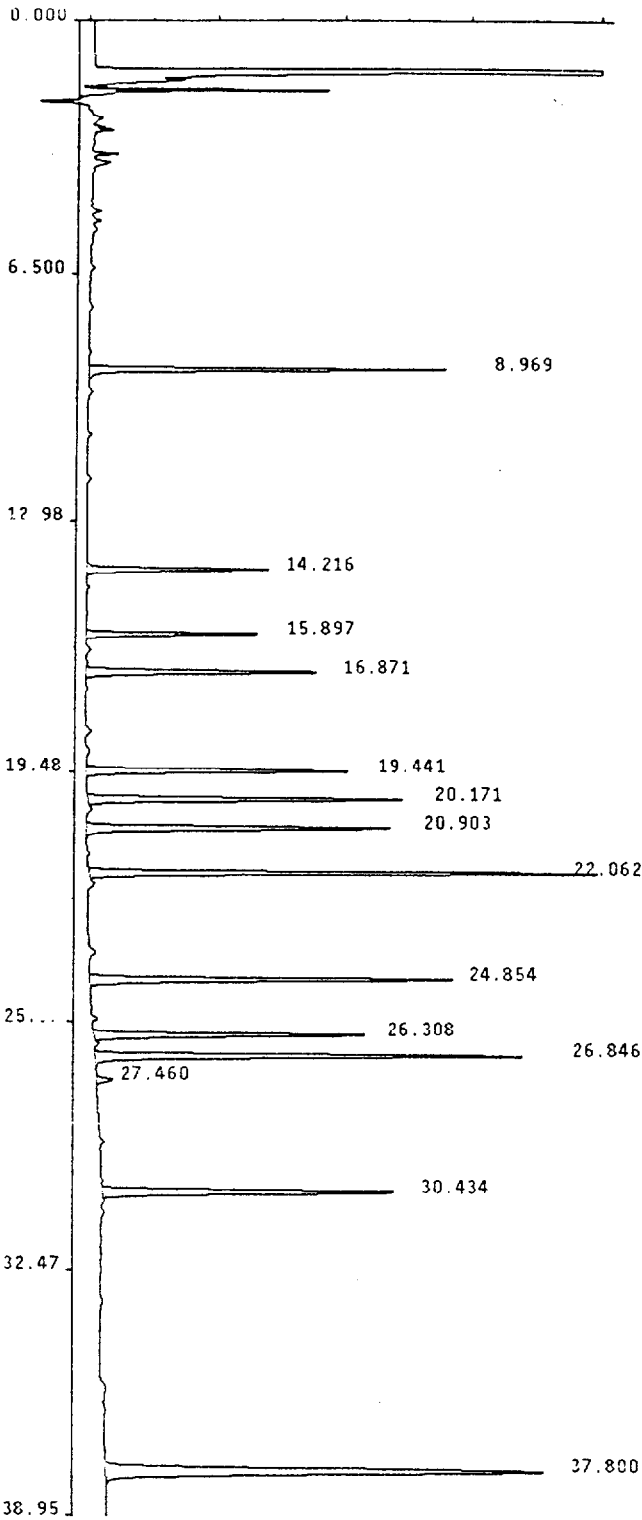
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	8.97	72766	BB	.021	TCX
2	14.21	40591	BB	.021	BETA-BHC
3	15.89	38675	BB	.022	DELTA-BHC
4	16.86	60449	BB	.020	ALDRIN
5	19.43	64900	BB	.020	H. EPOXIDE
6	20.16	78586	BB	.020	G. CHLORDANE
7	20.89	79594	BB	.020	A. CHLORDANE
8	22.05	111526	BB	.041	4,4'-DDE
9	24.84	88323	BB	.045	ENDOSULF. II
10	26.30	62540	BB	.041	ENDRIN ALDEH
11	26.84	110745	BB	.043	ENDO. SULFAT
12	27.45	3936	BB	.003	
13	30.42	84968	BB	.047	ENDRIN KETON
14	37.78	187730	BB	.043	DCB

Handwritten signature/initials

Total Area: 1085328

Method File: /DATA/METHOD/INDABQ6.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1710 24Jul1994



Sample Name : INDBMOC
 Lab Id : INDBMOC
 Inst Id & Col : AD6_1, D8608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/L6P22JUL039.RES
 Inject Time : 0241 24Jul1994
 Run Status : RunStatusOK

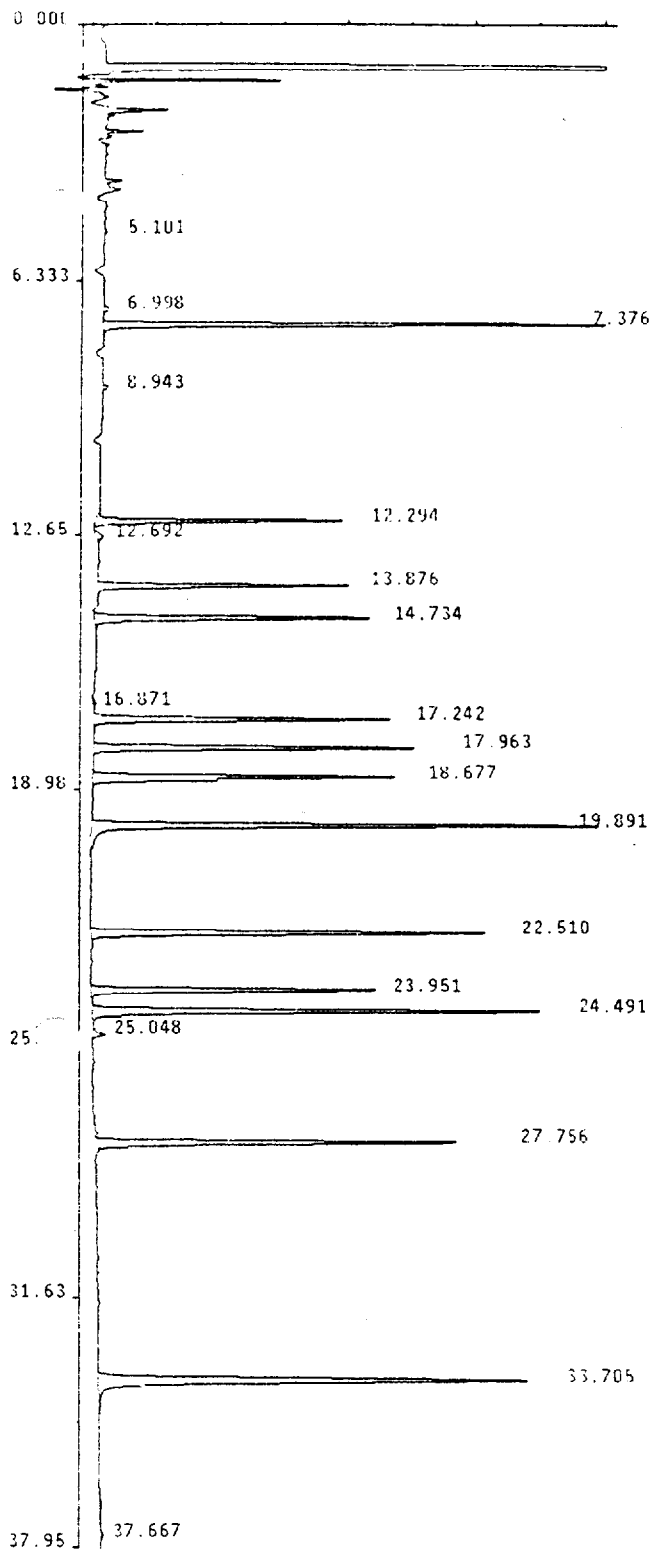
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	8.97	71303	BB	.020	TCX
2	14.22	39931	BB	.021	BETA-BHC
3	15.90	37938	BB	.022	DELTA-BHC
4	16.87	58156	BB	.019	ALDRIN
5	19.44	63567	BB	.020	H. EPOXIDE
6	20.17	76568	BB	.019	G. CHLORDANE
7	20.90	77587	BB	.020	A. CHLORDANE
8	22.06	107246	BB	.039	4,4'-DDE
9	24.85	87214	BB	.044	ENDOSULF. II
10	26.31	63368	BB	.042	ENDRIN ALDEH
11	26.85	107024	BB	.041	ENDO. SULFAT
12	27.46	4614	BB	.004	
13	30.43	82992	BB	.046	ENDRIN KETON
14	37.80	183215	BB	.042	DCB

Handwritten signature and date: 7-25-94

Total Area: 1060723

Method File: /DATA/METHOD/INDAB06.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1434 25Jul1994



Sample Name : INDBM2B
 Lab Id : INDBM2B
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL041.RES
 Inject Time : 1923 25Jul1994
 Run Status : RunStatusOK

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

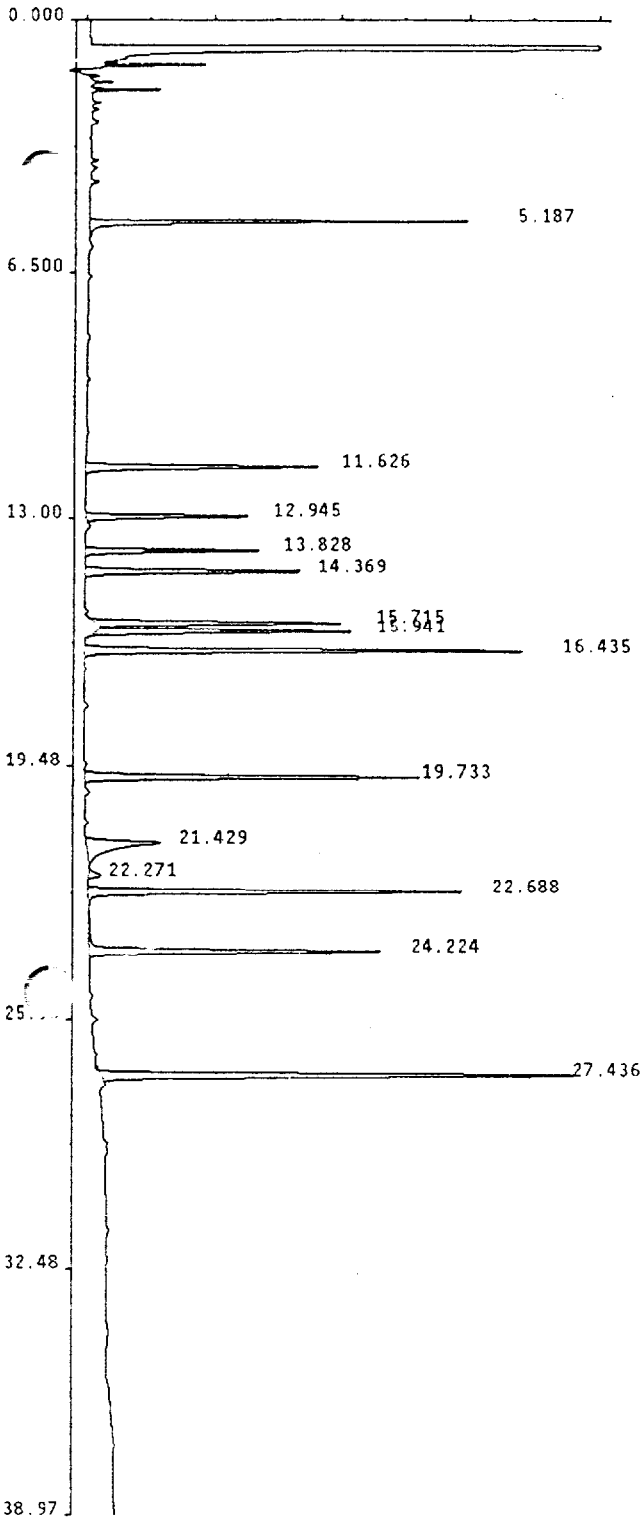
Pk #	RT	Area	Code	MASSng	Name
1	5.10	2128	BB	.000	
2	7.00	2680	BB	.001	
3	7.38	235622	BB	.023	TCX
4	8.94	2778	BB	.001	
5	12.29	134071	BB	.022	BETA-BHC
6	12.69	7562	BB	.002	
7	13.88	135538	BB	.021	DELTA-BHC
8	14.73	176406	BB	.020	ALDRIN
9	16.87	3566	BB	.001	
10	17.24	186253	BB	.021	H. EPOXIDE
11	17.96	212630	BB	.020	G. CHLORDANE
12	18.68	193442	BB	.020	A. CHLORDANE
13	19.89	322985	BB	.040	4,4'-DDE
14	22.51	246000	BB	.043	ENDOSULF. II
15	23.95	184837	BB	.042	ENDRIN ALDEH
16	24.49	279238	BB	.041	ENDO. SULFAT
17	25.05	8191	BB	.002	
18	27.76	236249	BB	.041	ENDRIN KETON
19	33.71	443327	BB	.045	DCB
20	37.67	6859	BB	.002	

Handwritten signature
 7-26-94

Total Area: 3020363

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 0932 26Jul1994

Cemmic Corporation Pest/PCB Report



Sample Name : INDBM18
 Lab Id : INDBM18
 Inst Id & Col : AD7_1. DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/L7P22JUL017.RES
 Inject Time : 1041 23Jul1994
 Run Status : RunStatusOK

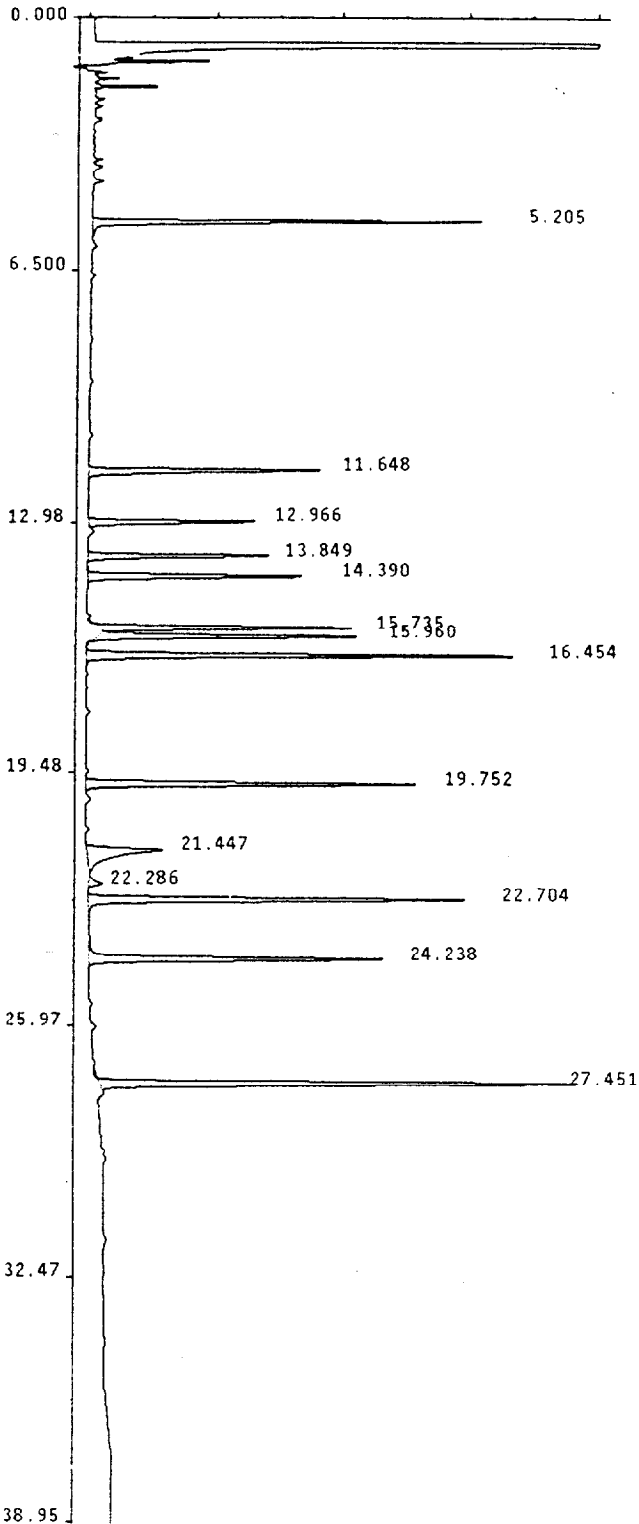
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	5.19	119649	BB	.020	TCX
2	11.63	96850	BB	.019	ALDRIN
3	12.94	63589	BB	.020	BETA-BHC
4	13.83	66997	BB	.022	DELTA-BHC
5	14.37	97004	BB	.020	H. EPOXIDE
6	15.71	106105	BB	.020	G. CHLORDANE
7	15.94	103614	BB	.020	A. CHLORDANE
8	16.44	187150	BB	.039	4,4'-DDE
9	19.73	144738	BB	.044	ENDOSULF. II
10	21.43	69276	BB	.041	ENDRIN ALDEH
11	22.27	7368	BB	.001	
12	22.69	170963	BB	.042	ENDO. SULFAT
13	24.22	136816	BB	.048	ENDRIN KETON
14	27.44	229918	BB	.042	DCB

Handwritten signature and date: 7-25-94

Total Area: 1600039

Method File: /DATA/METHOD/INDAB07.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1710 24Jul1994



Crimic Corporation Pest/PCB Report

Sample Name : INDBM1C
 Lab Id : INDBM1C
 Inst Id & Col : AD7_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/L7P22JUL039.RES
 Inject Time : 0241 24Jul1994
 Run Status : RunStatusOK

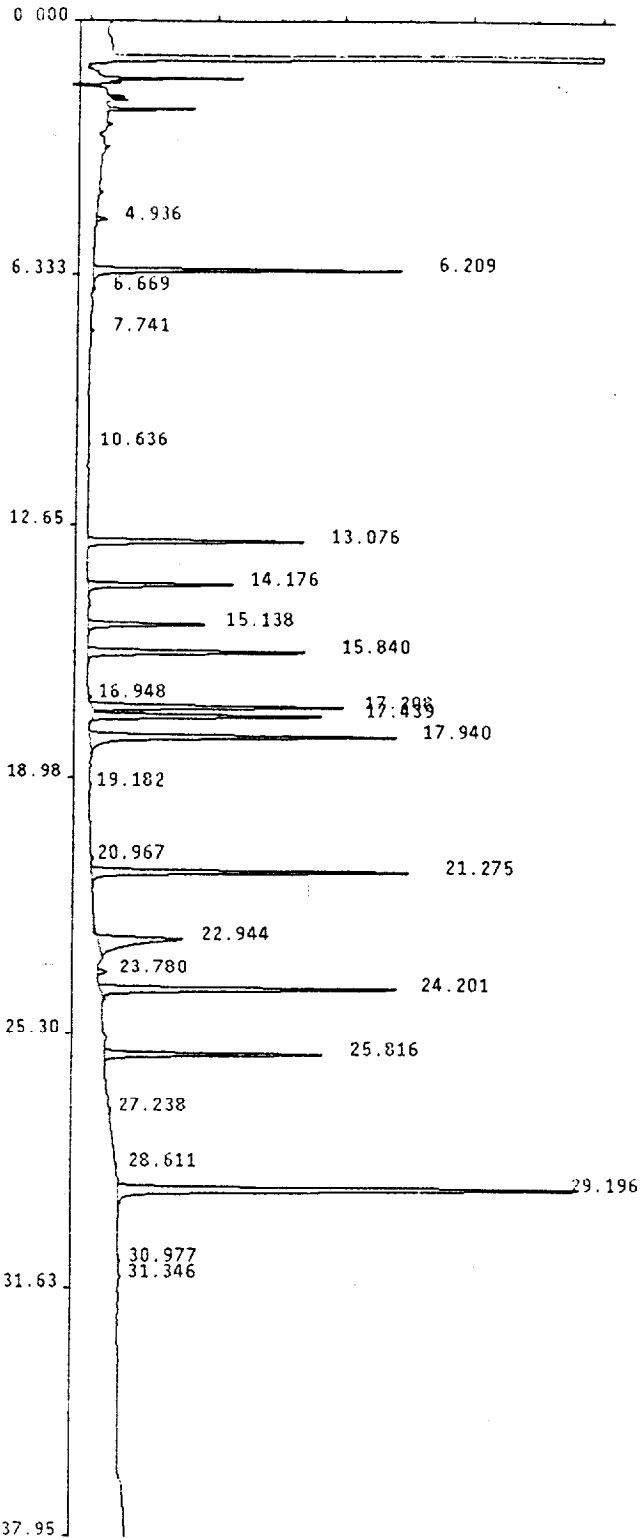
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	5.20	116709	BB	.020	TCX
2	11.65	93733	BB	.019	ALDRIN
3	12.97	62114	BB	.020	BETA-BHC
4	13.85	65584	BB	.021	DELTA-BHC
5	14.39	94520	BB	.020	H. EPOXIDE
6	15.73	102432	BB	.019	G. CHLORDANE
7	15.96	99493	BB	.019	A. CHLORDANE
8	16.45	179231	BB	.037	4,4'-DDE
9	19.75	140655	BB	.043	ENDOSULF. II
10	21.45	67648	BB	.040	ENDRIN ALDEH
11	22.29	7207	BB	.001	
12	22.70	164144	BB	.040	ENDO. SULFAT
13	24.24	131748	BB	.046	ENDRIN KETON
14	27.45	221026	BB	.040	DCB

Handwritten signature and date: 7-25-94

Total Area: 1546242

Method File: /DATA/METHOD/INDABQ7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1822 24Jul1994



Sample Name : INDBM38
 Lab Id : INDBM38
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL041.RES
 Inject Time : 1923 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

J-26-94

PK #	RT	Area	Code	MASSng	Name
1	4.94	9310	VB	.002	
2	6.21	252958	BB	.022	TCX
3	6.67	2257	BB	.000	
4	7.74	2876	BB	.001	
5	10.64	2137	BB	.000	
6	13.08	206702	BB	.020	ALDRIN
7	14.18	137578	BB	.021	BETA-BHC
8	15.14	120479	BB	.021	DELTA-BHC
9	15.84	239941	BB	.020	H. EPOXIDE
10	16.95	3670	BB	.000	ENDOSULF. I
11	17.21	248922	BB	.020	G. CHLORDANE
12	17.44	241846	BB	.020	A. CHLORDANE
13	17.94	367739	BB	.042	4,4'-DDE
14	19.18	2321	BB	.001	
15	20.97	2798	BB	.001	
16	21.28	331243	BB	.042	ENDOSULF. II
17	22.94	172449	BB	.040	ENDRIN ALDEH
18	23.78	9054	BB	.002	
19	24.20	323210	BB	.039	ENDO. SULFAT
20	25.82	223549	BB	.042	ENDRIN KETON
21	27.24	3915	BB	.001	
22	28.61	5493	BB	.001	
23	29.20	588000	BB	.044	DCB
24	30.98	2539	BB	.001	
25	31.35	3224	BB	.001	

Total Area: 3504208

Method File: /DATA/METHOD/INDAB08.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 0935 26Jul1994

PESTICIDES/PCBS
d. Raw QC Data

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK01

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: P0721-B1

Sample wt/vol: 30.0 (g/mL) 6 Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

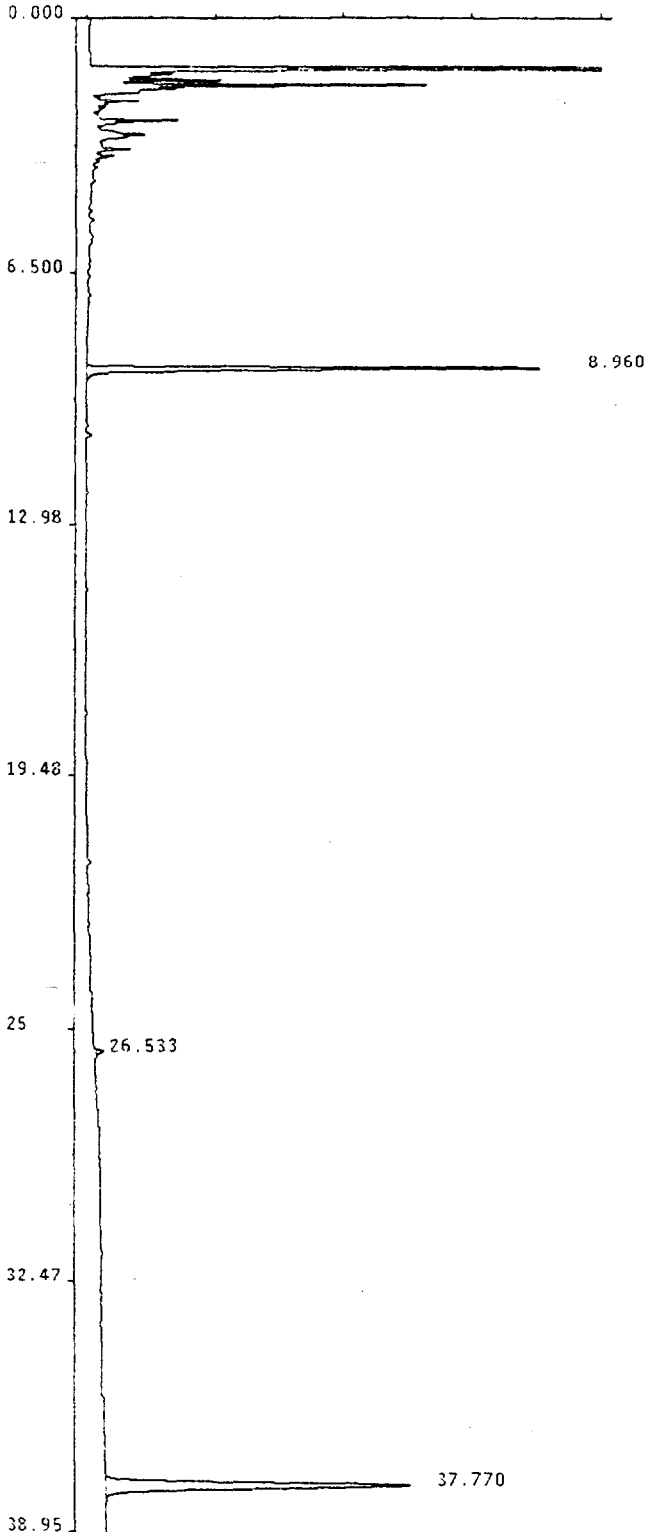
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
319-84-6	alpha-BHC	1.7IU
319-85-7	beta-BHC	1.7IU
319-86-8	delta-BHC	1.7IU
58-89-9	gamma-BHC (Lindane)	1.7IU
76-44-8	Heptachlor	1.7IU
309-00-2	Aldrin	1.7IU
1024-57-3	Heptachlor epoxide	1.7IU
959-98-8	Endosulfan I	1.7IU
60-57-1	Dieldrin	3.3IU
72-55-9	4,4'-DDE	3.3IU
72-20-8	Endrin	3.3IU
33213-65-9	Endosulfan II	3.3IU
72-54-8	4,4'-DDD	3.3IU
1031-07-8	Endosulfan sulfate	3.3IU
50-29-3	4,4'-DDT	3.3IU
72-43-5	Methoxychlor	17 IU
53494-70-5	Endrin ketone	3.3IU
7421-93-4	Endrin aldehyde	3.3IU
5103-71-9	alpha-Chlordane	1.7IU
5103-74-2	gamma-Chlordane	1.7IU
8001-35-2	Toxaphene	170 IU
12674-11-2	Aroclor-1016	33 IU
11104-28-2	Aroclor-1221	67 IU
11141-16-5	Aroclor-1232	33 IU
53469-21-9	Aroclor-1242	33 IU
12672-29-6	Aroclor-1248	33 IU
11097-69-1	Aroclor-1254	33 IU
11096-82-5	Aroclor-1260	33 IU



Sample Name : ~~METHOD BLANK #1~~ PCB001
 Lab Id : P0721-81
 Inst id & Col : AD6_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/L6P22JUL003.RES
 Inject Time : 1812 22Jul1994
 Run Status : RunStatusOK

Handwritten signature and date: 7-25-94

Pk #	RT	Area	Code	MASSng	Name
1	8.96	164294	BB	.046	TCX
2	26.53	2703	BB	-.002	
3	37.77	217168	BB	.050	DCB

 Total Area: 384165

Method File: /DATA/METHOD/INDAB06.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1636 24Jul1994

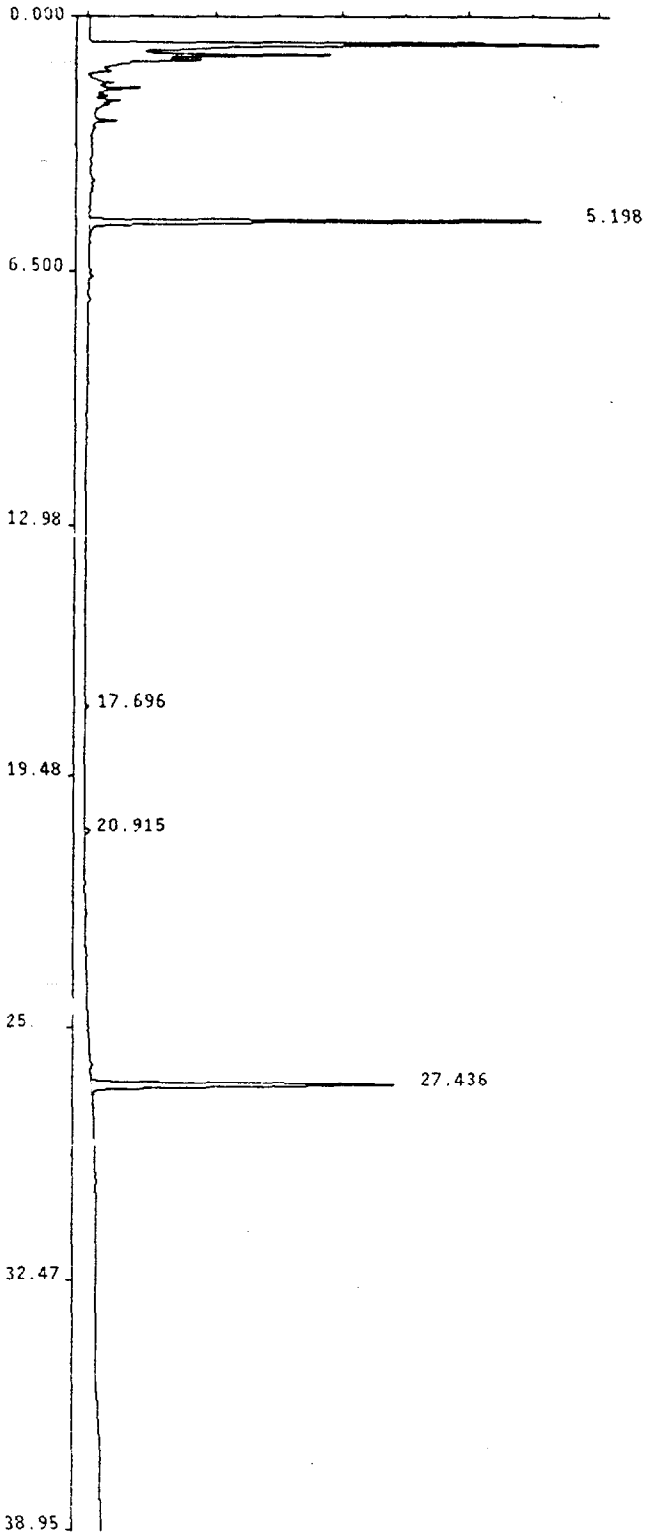
Sample Name : ~~METHOD BLANK #1~~ P0LKO1
 Lab Id : P0721-81
 Inst Id & Col : AD7_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/L7P22JUL003.RES
 Inject Time : 1812 22Jul1994
 Run Status : RunStatusOK

7-25-94

PK #	RT	Area	Code	MASSng	Name
1	5.20	275939	BB	.047	TCX
2	17.70	3341	BB	.001	ENDRIN
3	20.92	5184	BB	.001	
4	27.44	276892	BB	.050	DCB

Total Area: 561355

Method File: /DATA/METHOD/INDABQ7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1637 24Jul1994



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK02

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: P0721-B2

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

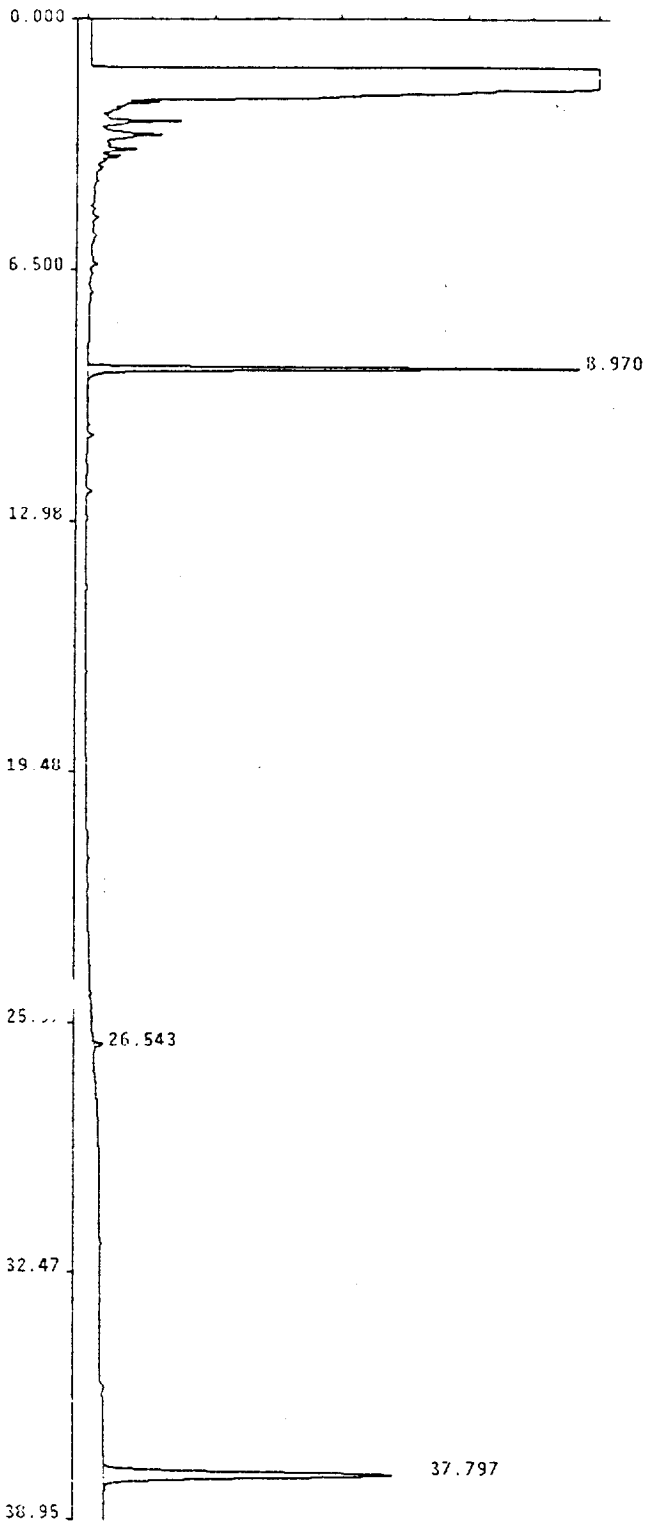
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6	alpha-BHC	1.7IU	
319-85-7	beta-BHC	1.7IU	
319-86-8	delta-BHC	1.7IU	
58-89-9	gamma-BHC (Lindane)	1.7IU	
76-44-8	Heptachlor	1.7IU	
309-00-2	Aldrin	1.7IU	
1024-57-3	Heptachlor epoxide	1.7IU	
959-98-8	Endosulfan I	1.7IU	
60-57-1	Dieldrin	3.3IU	
72-55-9	4,4'-DDE	3.3IU	
72-20-8	Endrin	3.3IU	
33213-65-9	Endosulfan II	3.3IU	
72-54-8	4,4'-DDD	3.3IU	
1031-07-8	Endosulfan sulfate	3.3IU	
50-29-3	4,4'-DDT	3.3IU	
72-43-5	Methoxychlor	17 IU	
53494-70-5	Endrin ketone	3.3IU	
7421-93-4	Endrin aldehyde	3.3IU	
5103-71-9	alpha-Chlordane	1.7IU	
5103-74-2	gamma-Chlordane	1.7IU	
8001-35-2	Toxaphene	170 IU	
12674-11-2	Aroclor-1016	33 IU	
11104-28-2	Aroclor-1221	67 IU	
11141-16-5	Aroclor-1232	33 IU	
53469-21-9	Aroclor-1242	33 IU	
12672-29-6	Aroclor-1248	33 IU	
11097-69-1	Aroclor-1254	33 IU	
11096-82-5	Aroclor-1260	33 IU	



Geimic Corporation Pest/PCB Report

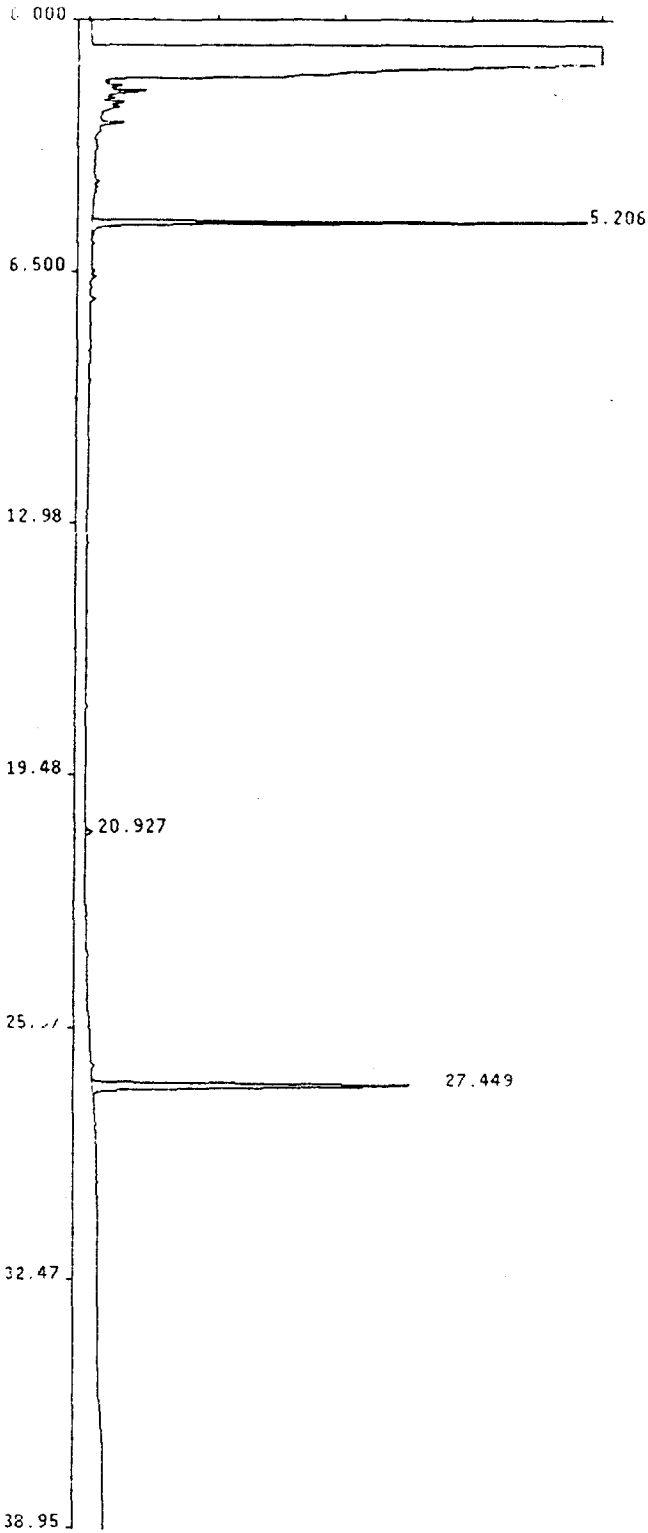
Sample Name : ~~METHOD BLANK #2~~ P8LK02
 Lab Id : P0721-82
 Inst Id & Col : AD6_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/L6P22JUL004.RES
 Inject Time : 1856 22Jul1994
 Run Status : SignalOverload

Handwritten signature
 7-25-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	156089	BB	.044	TCX
2	26.54	3012	BB	-.002	
3	37.80	202343	BB	.046	DCB

Total Area: 361445

Method File: /DATA/METHOD/INDAB06.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1640 24Jul1994



Geimic Corporation Pest/PCB Report

Sample Name : METHOD BLANK #2 P6LKO2
 Lab Id : P0721-B2
 Inst Id & Col : AD7_1. DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/L7P22JUL004.RES
 Inject Time : 1856 22Jul1994
 Run Status : SignalOverload

JJ 7-24-94

PK #	RT	Area	Code	MASSng	Name
1	5.21	263414	BB	.044	TCX
2	20.93	5061	BB	.001	
3	27.45	258415	BB	.047	DCB

Total Area: 526890

Method File: /DATA/METHOD/INDAB07.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1640 24Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK03

Lab Name: CEIMIC CORP Contract: DHM

La Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: P0721-B1A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

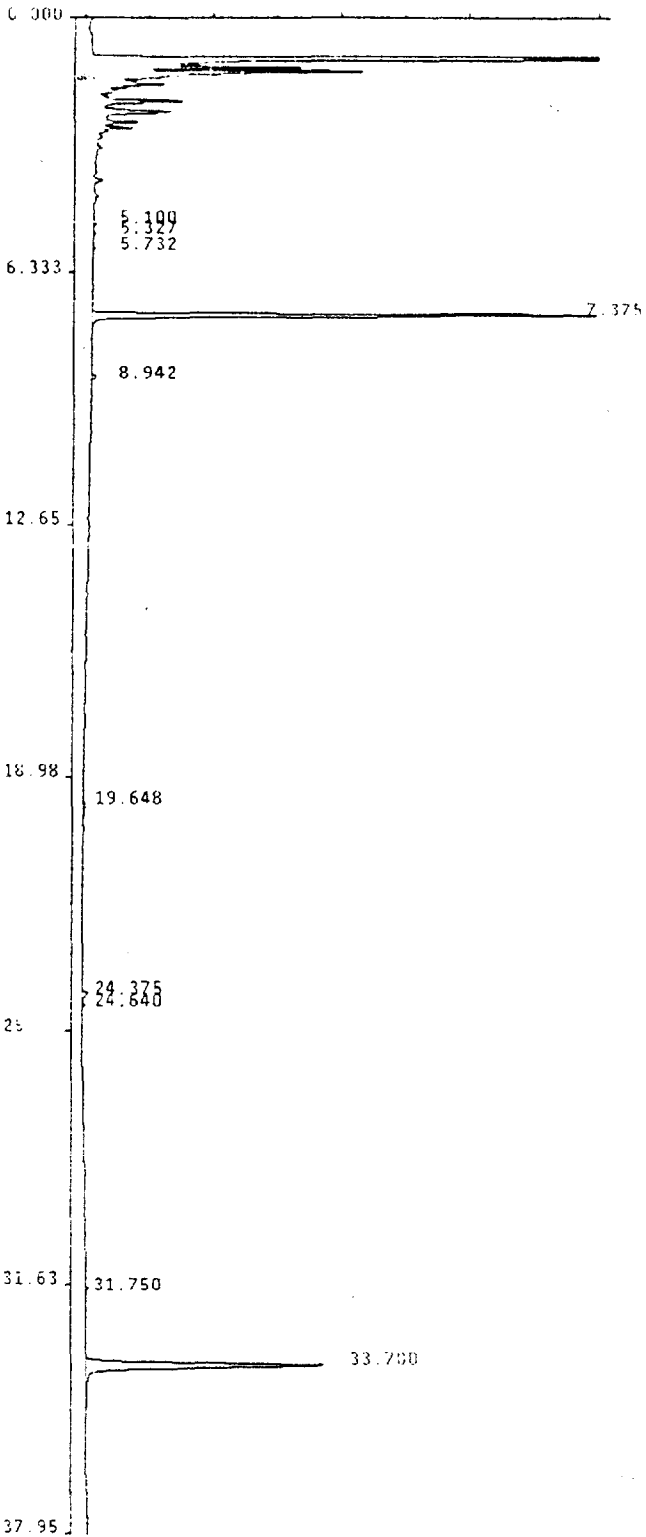
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7IU	
319-85-7	beta-BHC	1.7IU	
319-86-8	delta-BHC	1.7IU	
58-89-9	gamma-BHC (Lindane)	1.7IU	
76-44-8	Heptachlor	1.7IU	
309-00-2	Aldrin	1.7IU	
1024-57-3	Heptachlor epoxide	1.7IU	
959-98-8	Endosulfan I	1.7IU	
60-57-1	Dieldrin	3.3IU	
72-55-9	4,4'-DDE	3.3IU	
72-20-8	Endrin	3.3IU	
33213-65-9	Endosulfan II	3.3IU	
72-54-8	4,4'-DDD	3.3IU	
1031-07-8	Endosulfan sulfate	3.3IU	
50-29-3	4,4'-DDT	3.3IU	
72-43-5	Methoxychlor	17 IU	
53494-70-5	Endrin ketone	3.3IU	
7421-93-4	Endrin aldehyde	3.3IU	
5103-71-9	alpha-Chlordane	1.7IU	
5103-74-2	gamma-Chlordane	1.7IU	
8001-35-2	Toxaphene	170 IU	
12674-11-2	Aroclor-1016	33 IU	
11104-28-2	Aroclor-1221	67 IU	
11141-16-5	Aroclor-1232	33 IU	
53469-21-9	Aroclor-1242	33 IU	
12672-29-6	Aroclor-1248	33 IU	
11097-69-1	Aroclor-1254	33 IU	
11096-82-5	Aroclor-1260	33 IU	



Sample Name : PBLK03
 Lab Id : P0721-82A B1A
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL048.RES
 Inject Time : 0034 26Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

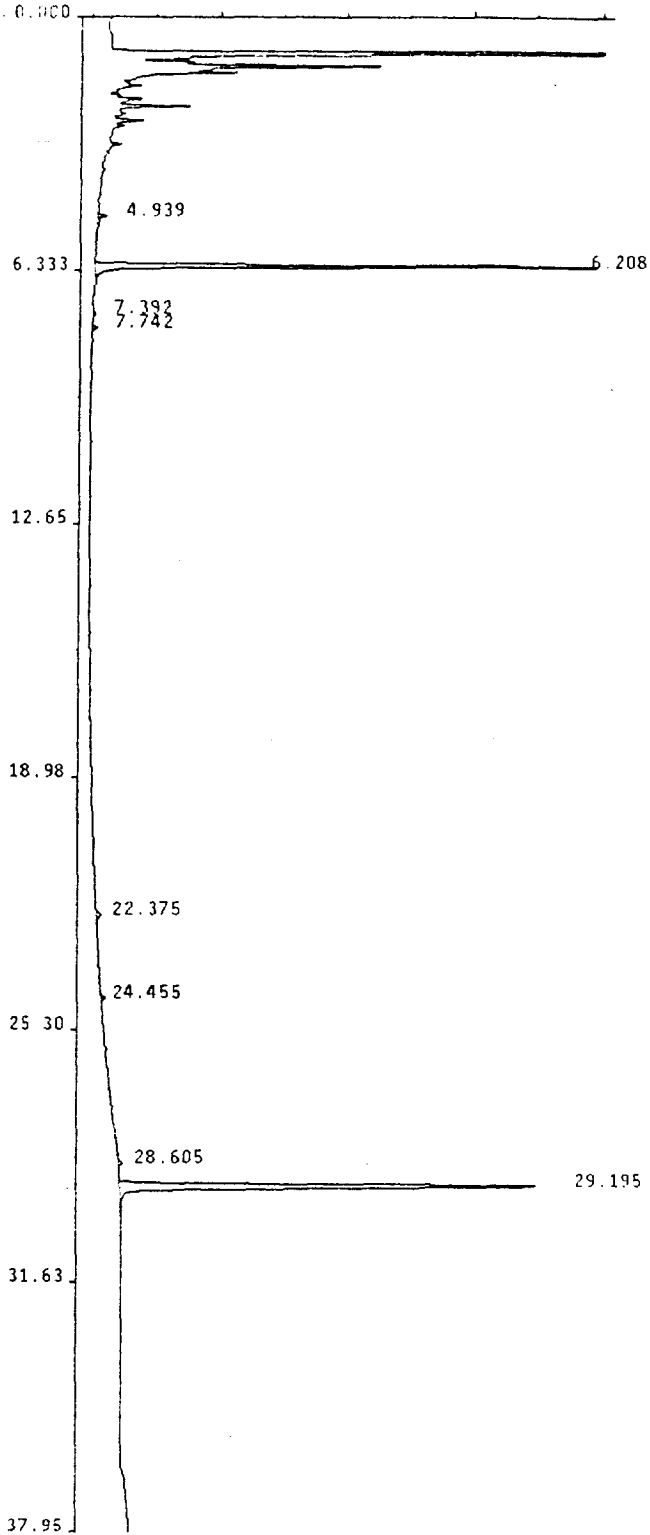
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	5.10	2313	BB	.001	
2	5.33	2016	BB	.000	
3	5.73	2188	BB	.000	
4	7.37	393993	BB	.038	TCX
5	8.94	5450	BB	.001	
6	19.65	3784	BB	.001	
7	24.37	6225	BB	.001	
8	24.64	2022	BB	.000	
9	31.75	3077	BB	.001	
10	33.70	399851	BB	.041	DCB

Total Area: 820917

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 0933 26Jul1994

Handwritten signature/initials



Sample Name : PBLK03
 Lab Id : P0721-82A B1A
 Inst Id & Col : AD8_1. 081701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL048.RES
 Inject Time : 0034 26Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

JJ-26-94

PK #	RT	Area	Code	MASSng	Name
1	4.94	5992	VB	.001	
2	6.21	414600	BB	.036	TCX
3	7.39	3401	BB	.001	
4	7.74	4042	BB	.001	
5	22.38	7476	BB	.002	
6	24.46	4762	BB	.001	METHOXYCHLOR
7	28.61	3069	BB	.001	
8	29.20	537727	BB	.040	DCB

JJ-26-94

Total Area: 981070

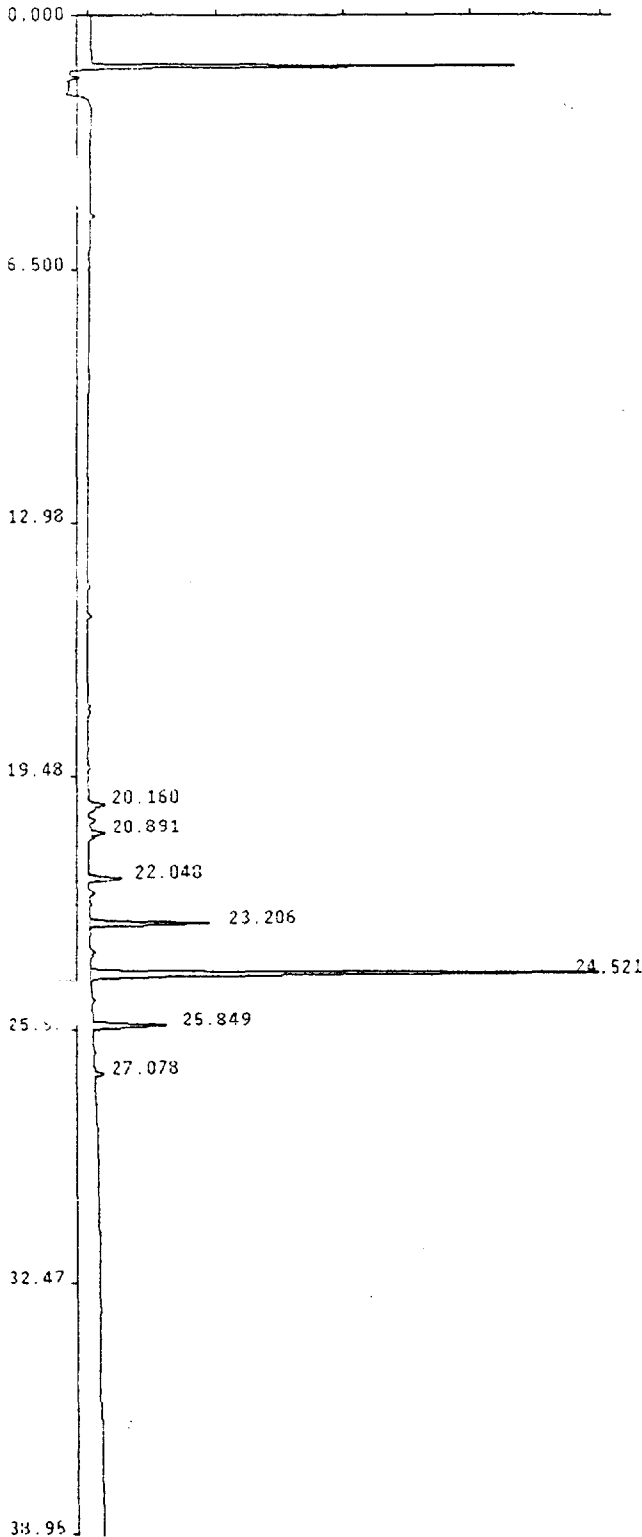
Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 0937 26Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: <u>CEIMIC CORP</u>	Contract: <u>OHM</u>	LJ2C5S12DMS
Lab Code: <u>CEIMIC</u>	Case No.: <u>16207</u>	SAS No.: _____
		SDG No.: <u>2C5S03</u>
Matrix: (soil/water) <u>SOIL</u>	Lab Sample ID: <u>940641-10MS</u>	
Sample wt/vol: <u>30.0</u> (g/mL) <u>G</u>	Lab File ID: _____	
% Moisture: <u>11</u> decanted: (Y/N) <u>N</u>	Date Received: <u>07/21/94</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>07/21/94</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed: <u>07/23/94</u>	
Injection Volume: <u>1.00</u> (uL)	Dilution Factor: <u>1000</u>	
GPC Cleanup: (Y/N) <u>N</u>	pH: <u>7.0</u>	Sulfur Cleanup: (Y/N) <u>N</u>

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
319-84-6	-----alpha-BHC	19000	IU
319-85-7	-----beta-BHC	19000	IU
319-86-8	-----delta-BHC	19000	IU
58-89-9	-----gamma-BHC (Lindane)	19000	IU
76-44-8	-----Heptachlor	19000	IU
309-00-2	-----Aldrin	19000	IU
1024-57-3	-----Heptachlor epoxide	19000	IU
959-98-8	-----Endosulfan I	19000	IU
60-57-1	-----Dieldrin	37000	IU
72-55-9	-----4,4'-DDE	16000	IJ
72-20-8	-----Endrin	37000	IU
33213-65-9	-----Endosulfan II	37000	IU
72-54-8	-----4,4'-DDD	330000	
1031-07-8	-----Endosulfan sulfate	37000	IU
50-29-3	-----4,4'-DDT	48000	
72-43-5	-----Methoxychlor	190000	IU
53494-70-5	-----Endrin ketone	37000	IU
7421-93-4	-----Endrin aldehyde	37000	IU
5103-71-9	-----alpha-Chlordane	460	IJP
5103-74-2	-----gamma-Chlordane	440	IJP
8001-35-2	-----Toxaphene	190000	IU
12674-11-2	-----Aroclor-1016	37000	IU
11104-28-2	-----Aroclor-1221	75000	IU
11141-16-5	-----Aroclor-1232	37000	IU
53469-21-9	-----Aroclor-1242	37000	IU
12672-29-6	-----Aroclor-1248	37000	IU
11097-69-1	-----Aroclor-1254	37000	IU
11096-82-5	-----Aroclor-1260	37000	IU



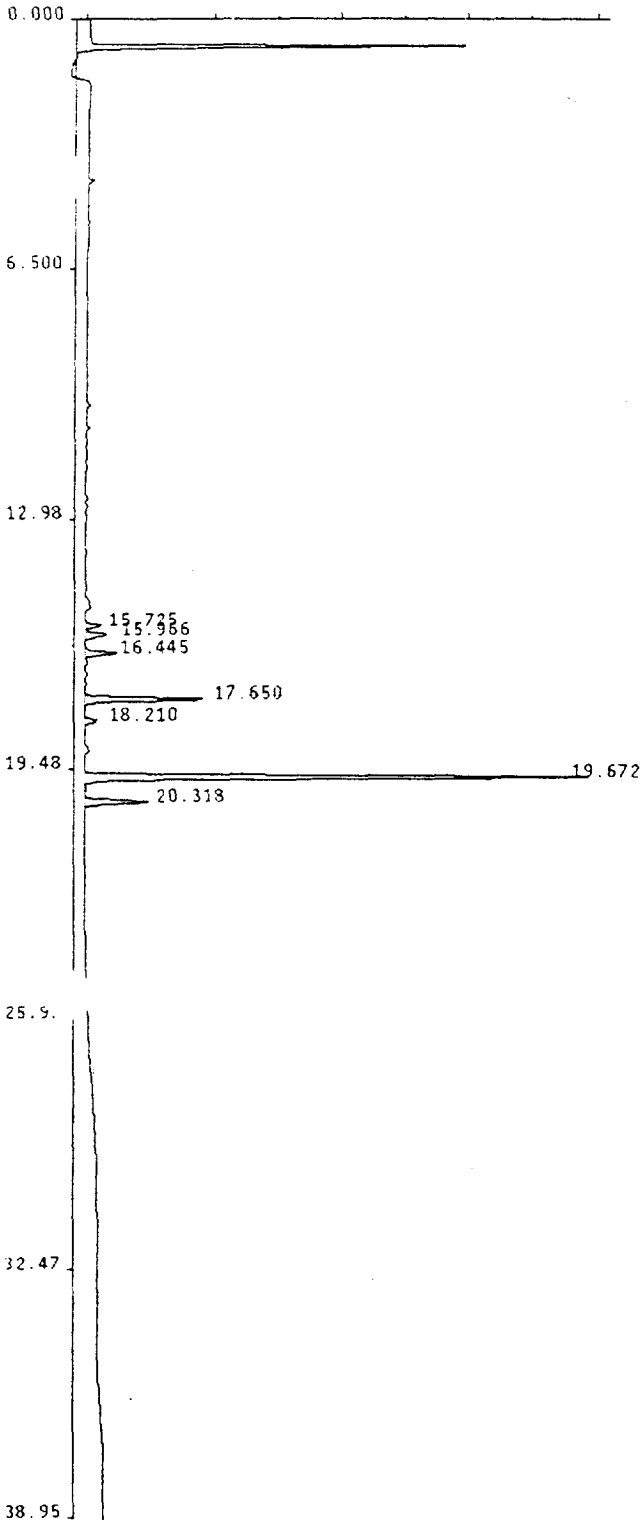
Sample Name : CLJ2-CSS12(D)MS 1000X
 Lab Id : 940641-10MS 1000X
 Inst Id & Col : AD6_1, D8608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/L6P22JUL019.RES
 Inject Time : 1212 23Jul1994
 Run Status : RunStatusOK
 NoReference

PK #	RT	Area	Code	MASSng	Name
1	20.16	4659	BB	-.001	G. CHLORDANE
2	20.89	4922	BB	.001	A. CHLORDANE
3	22.05	13812	BB	.005	4,4'-DDE
4	23.21	47666	BB	.038	
5	24.52	188876	BB	.093	4,4'-DDD
6	25.85	31033	BB	.014	4,4'-DDT
7	27.08	3493	BB	.003	

Handwritten notes: 7-25-94, 7-25-94, G. Chlordane, A. Chlordane, 4,4'-DDE, 4,4'-DDD, 4,4'-DDT.

Total Area: 294462

Method File: /DATA/METHOD/INDABQ6.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1715 24Jul1994



Sample Name : CLJ2-CSS12(D)MS 1000X
 Lab Id : 940641-10MS 1000X
 Inst Id & Col : AD7_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/L7P22JUL019.RES
 Inject Time : 1212 23Jul1994
 Run Status : RunStatusOK
 NoReference

Handwritten notes: 7-25-94, 7-25-94

Pk #	RT	Area	Code	MASSng	Name
1	15.73	9194	BB	.002	G. CHLORDANE <u>G. Chlordane</u>
2	15.97	15681	BB	.003	A. CHLORDANE <u>A. Chlordane</u>
3	16.44	20379	BB	.004	<u>4,4'-DDE</u>
4	17.65	74091	BB	.008	
5	18.21	8484	BB	.001	
6	19.67	306143	BB	.088	<u>4,4'-DDD</u>
7	20.32	40777	BB	.013	<u>4,4'-DDT</u>

Total Area: 474750

Method File: /DATA/METHOD/INDABQ7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1715 24Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: CEIMIC CORP

Contract: OHM

LJ2C5S12DMSD

Code: CEIMIC

Case No.: 16207

SAS No.: _____

SDG No.: 2C5S03

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-10MSD

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

% Moisture: 11 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL)

Dilution Factor: 1000

GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6-----	alpha-BHC	1900	IU
319-85-7-----	beta-BHC	1900	IU
319-86-8-----	delta-BHC	1900	IU
58-89-9-----	gamma-BHC (Lindane)	1900	IU
76-44-8-----	Heptachlor	1900	IU
309-00-2-----	Aldrin	1900	IU
1024-57-3-----	Heptachlor epoxide	1900	IU
959-98-8-----	Endosulfan I	1900	IU
60-57-1-----	Dieldrin	3700	IU
72-55-9-----	4,4'-DDE	1800	J
72-20-8-----	Endrin	3700	IU
33213-65-9-----	Endosulfan II	3700	IU
72-54-8-----	4,4'-DDD	42000	I
1031-07-8-----	Endosulfan sulfate	3700	IU
50-29-3-----	4,4'-DDT	5000	I
72-43-5-----	Methoxychlor	19000	IU
53494-70-5-----	Endrin ketone	3700	IU
7421-93-4-----	Endrin aldehyde	3700	IU
5103-71-9-----	alpha-Chlordane	390	JJP
5103-74-2-----	gamma-Chlordane	410	JJP
8001-35-2-----	Toxaphene	190000	IU
12674-11-2-----	Aroclor-1016	37000	IU
11104-28-2-----	Aroclor-1221	75000	IU
11141-16-5-----	Aroclor-1232	37000	IU
53469-21-9-----	Aroclor-1242	37000	IU
12672-29-6-----	Aroclor-1248	37000	IU
11097-69-1-----	Aroclor-1254	37000	IU
11096-82-5-----	Aroclor-1260	37000	IU

0.000

5.500

12.98

19.48

25.

32.47

38.95

Celmic Corporation Pest/PCB Report

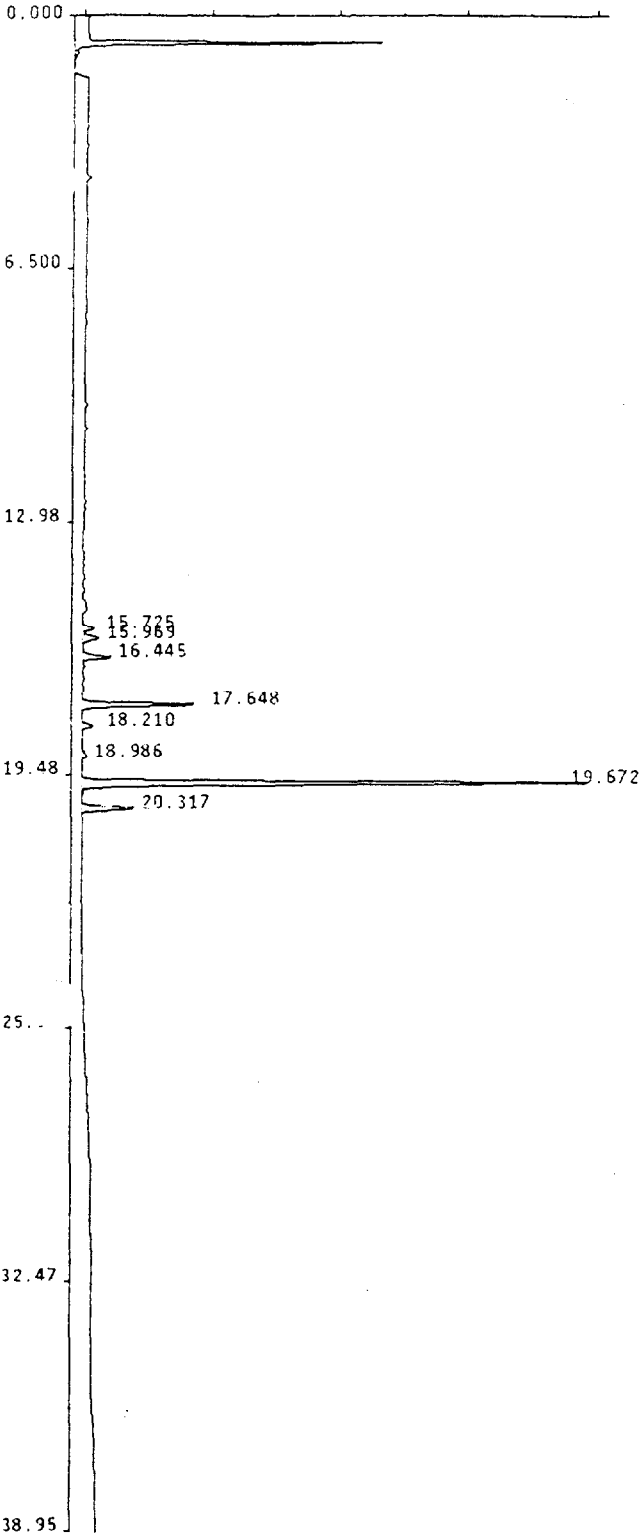
Sample Name : CLJ2-CSS12(D)MSD 1000X
 Lab Id : 940641-10MSD 1000X
 Inst Id & Col : AD6_1, 08608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/L6P22JUL020.RES
 Inject Time : 1256 23Jul1994
 Run Status : RunStatusOK
 NoReference

Handwritten: 7-25-94
 7-25-94

Pk #	RT	Area	Code	MASSng	Name
1	20.16	4360	88	-.001	G. CHLORDANE <i>G.Chlordane</i>
2	20.56	2657	88	.002	
3	20.89	4107	88	.001	A. CHLORDANE <i>A.Chlordane</i>
4	22.05	15438	88	.006	4,4'-DDE
5	23.21	58779	88	.047	
6	24.52	242154	88	.120	4,4'-DDD
7	25.85	32360	88	.015	4,4'-DDT
8	27.08	3276	88	.003	

Total Area: 363131

Method File: /DATA/METHOD/INDABQ6.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1824 24Jul1994



Celmic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS12[D]MSD 1000X
 Lab Id : 940641-10MSD 1000X
 Inst Id & Col : AD7_1, D81701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/L7P22JUL020.RES
 Inject Time : 1256 23Jul1994
 Run Status : RunStatusOK
 NoReference

Handwritten: 7-25-94

PK #	RT	Area	Code	MASSng	Name
1	15.73	9093	BB	.002	G. CHLORDANE <i>G. Chlordane</i>
2	15.97	15509	BB	.003	A. CHLORDANE <i>A. Chlordane</i>
3	16.45	23109	BB	.005	<i>4,4'-DDE</i>
4	17.65	91897	BB	.010	
5	18.21	9479	BB	.001	
6	18.99	5767	BB	.001	
7	19.67	393706	BB	.113	<i>4,4'-DDD</i>
8	20.32	42673	BB	.013	<i>4,4'-DDT</i>

Total Area: 591233

Method File: /DATA/METHOD/INDABQ7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1717 24Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P1BLK0A

Lab Name: CEIMIC CORP Contract: QHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2C5503

Matrix: (soil/water) WATER Lab Sample ID: P1BLK0A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

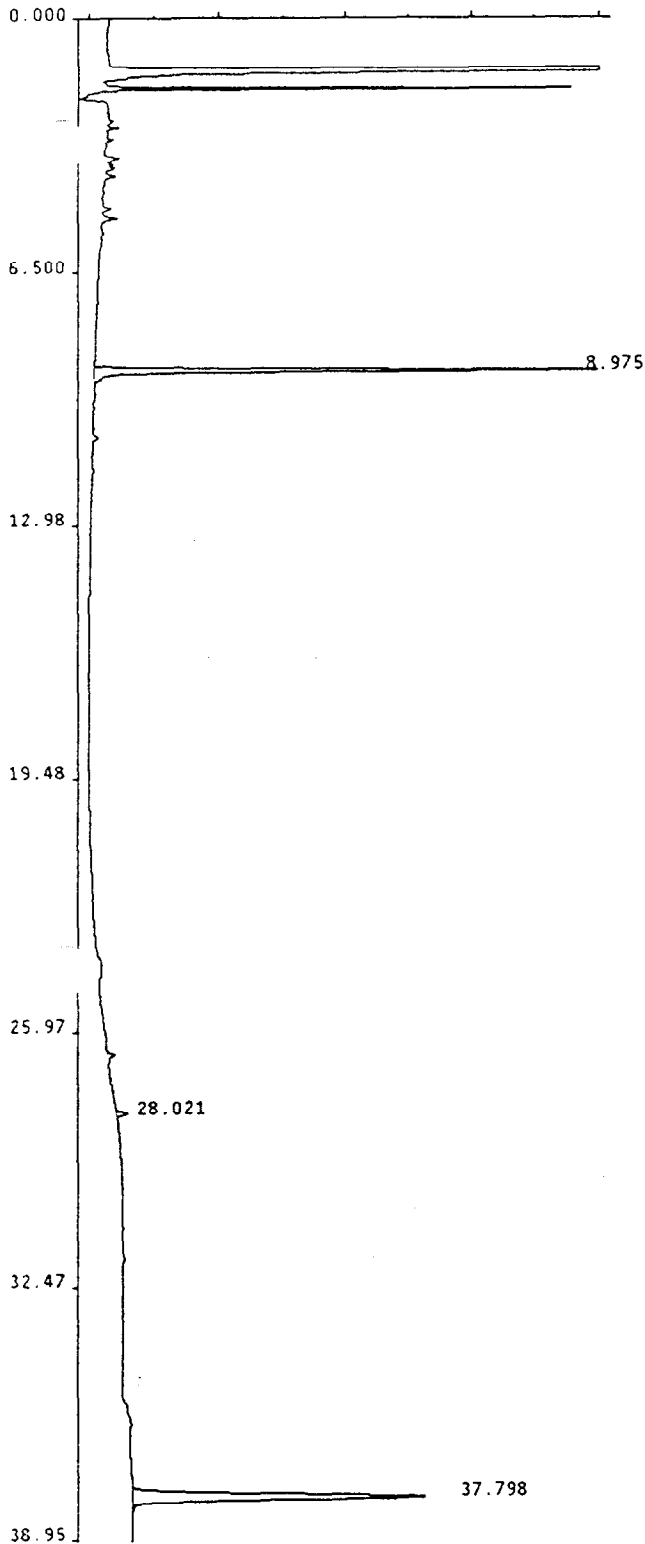
Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/06/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6-----	alpha-BHC	0.050IU	
319-85-7-----	beta-BHC	0.050IU	
319-86-8-----	delta-BHC	0.050IU	
58-89-9-----	gamma-BHC (Lindane)	0.050IU	
76-44-8-----	Heptachlor	0.050IU	
309-00-2-----	Aldrin	0.050IU	
1024-57-3-----	Heptachlor epoxide	0.050IU	
959-98-8-----	Endosulfan I	0.050IU	
60-57-1-----	Dieldrin	0.10IU	
72-55-9-----	4,4'-DDE	0.10IU	
72-20-8-----	Endrin	0.10IU	
33213-65-9-----	Endosulfan II	0.10IU	
72-54-8-----	4,4'-DDD	0.10IU	
1031-07-8-----	Endosulfan sulfate	0.10IU	
50-29-3-----	4,4'-DDT	0.10IU	
72-43-5-----	Methoxychlor	0.50IU	
53494-70-5-----	Endrin ketone	0.10IU	
7421-93-4-----	Endrin aldehyde	0.10IU	
5103-71-9-----	alpha-Chlordane	0.050IU	
5103-74-2-----	gamma-Chlordane	0.050IU	
8001-35-2-----	Toxaphene	5.0IU	
12674-11-2-----	Aroclor-1016	1.0IU	
11104-28-2-----	Aroclor-1221	2.0IU	
11141-16-5-----	Aroclor-1232	1.0IU	
53469-21-9-----	Aroclor-1242	1.0IU	
12672-29-6-----	Aroclor-1248	1.0IU	
11097-69-1-----	Aroclor-1254	1.0IU	
11096-82-5-----	Aroclor-1260	1.0IU	



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK0A
 Lab Id : PIBLK0A ,1
 Inst Id & Col : AD6_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D6P05JUL020.RES
 Inject Time : 0920 06Jul1994
 Run Status : RunStatusOK

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Handwritten signature

Pk #	RT	Area	Code	MASSng	Name
1	8.97	85512	BB	.024	TCX
2	28.02	2304	BB	.002	
3	37.80	103389	BB	.024	DCB

Total Area: 191205

Method File: /DATA/METHOD/INDABQ6.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1028 06Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK08

Lab Name: CEIMIC CORP Contract: QHM

Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) WATER Lab Sample ID: PIBLK08

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

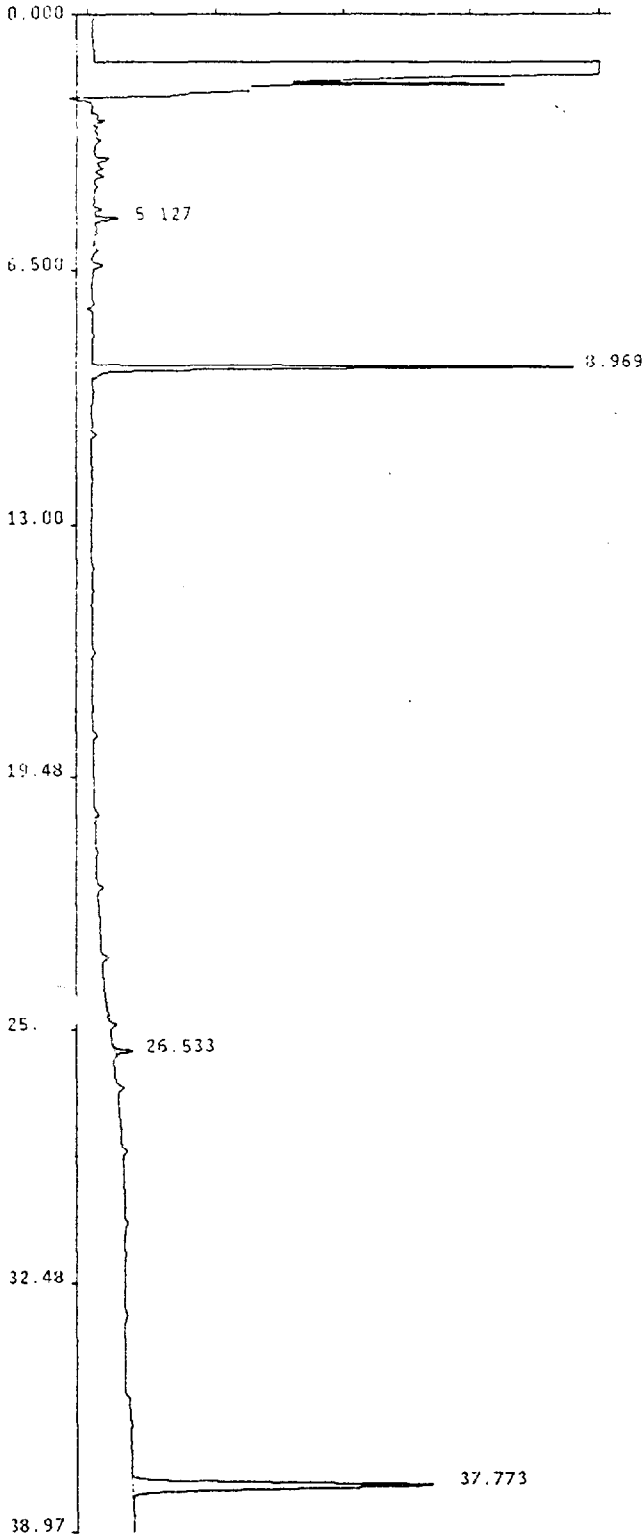
Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6	alpha-BHC	0.050IU	
319-85-7	beta-BHC	0.050IU	
319-86-8	delta-BHC	0.050IU	
58-89-9	gamma-BHC (Lindane)	0.050IU	
76-44-8	Heptachlor	0.050IU	
309-00-2	Aldrin	0.050IU	
1024-57-3	Heptachlor epoxide	0.050IU	
959-98-8	Endosulfan I	0.050IU	
60-57-1	Dieldrin	0.10IU	
72-55-9	4,4'-DDE	0.10IU	
72-20-8	Endrin	0.10IU	
33213-65-9	Endosulfan II	0.10IU	
72-54-8	4,4'-DDD	0.10IU	
1031-07-8	Endosulfan sulfate	0.10IU	
50-29-3	4,4'-DDT	0.10IU	
72-43-5	Methoxychlor	0.50IU	
53494-70-5	Endrin ketone	0.10IU	
7421-93-4	Endrin aldehyde	0.10IU	
5103-71-9	alpha-Chlordane	0.050IU	
5103-74-2	gamma-Chlordane	0.050IU	
8001-35-2	Toxaphene	5.0IU	
12674-11-2	Aroclor-1016	1.0IU	
11104-28-2	Aroclor-1221	2.0IU	
11141-16-5	Aroclor-1232	1.0IU	
53469-21-9	Aroclor-1242	1.0IU	
12672-29-6	Aroclor-1248	1.0IU	
11097-69-1	Aroclor-1254	1.0IU	
11096-82-5	Aroclor-1260	1.0IU	



Sample Name : PIBLK08
 Lab Id : PIBLK08
 Inst Id & Col : AD6_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/L6P22JUL001.RES
 Inject Time : 1645 22Jul1994
 Run Status : SignalOverload

MultiLevel : False
 Application : Loop
 Quantitation: AreaUnits

Handwritten signature and date: 7-25-94

Pk #	RT	Area	Code	MASSng	Name
1	5.13	3499	BB	.003	
2	8.97	78545	BB	.022	TCX
3	26.53	2856	BB	.002	
4	37.77	98340	BB	.022	DCB

Total Area: 183239

Method File: /DATA/METHOD/INDABQ6.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1634 24Jul1994

PESTICIDE ORGANICS^{1A} ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0C

Lab Name: CEIMIC CORP Contract: OHM

b Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: 2CSS03

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0C

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received:

Extraction: (SepF/Cont/Sonc) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 07/23/94

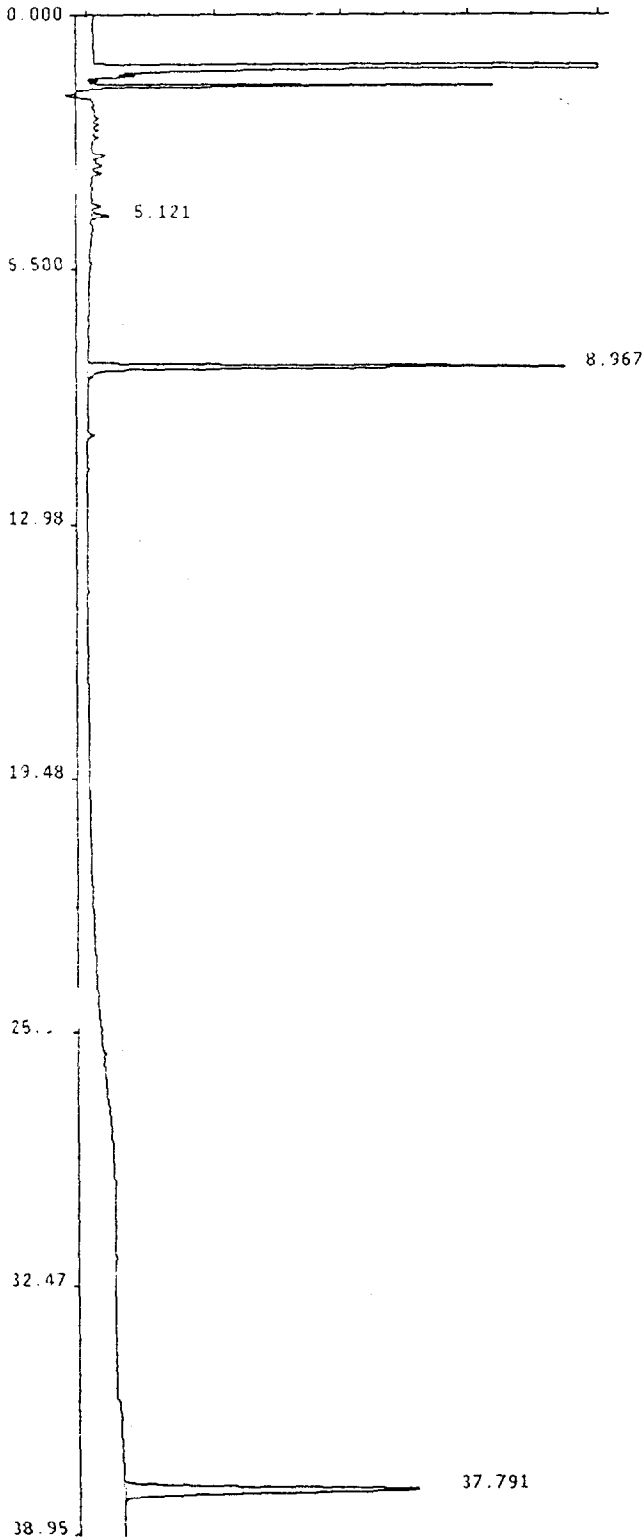
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

319-84-6	alpha-BHC	0.050IU	
319-85-7	beta-BHC	0.050IU	
319-86-8	delta-BHC	0.050IU	
58-89-9	gamma-BHC (Lindane)	0.050IU	
76-44-8	Heptachlor	0.050IU	
309-00-2	Aldrin	0.050IU	
1024-57-3	Heptachlor epoxide	0.050IU	
959-98-8	Endosulfan I	0.050IU	
60-57-1	Dieldrin	0.10IU	
72-55-9	4,4'-DDE	0.10IU	
72-20-8	Endrin	0.10IU	
33213-65-9	Endosulfan II	0.10IU	
72-54-8	4,4'-DDD	0.10IU	
1031-07-8	Endosulfan sulfate	0.10IU	
50-29-3	4,4'-DDT	0.10IU	
72-43-5	Methoxychlor	0.50IU	
53494-70-5	Endrin ketone	0.10IU	
7421-93-4	Endrin aldehyde	0.10IU	
5103-71-9	alpha-Chlordane	0.050IU	
5103-74-2	gamma-Chlordane	0.050IU	
8001-35-2	Toxaphene	5.0IU	
12674-11-2	Aroclor-1016	1.0IU	
11104-28-2	Aroclor-1221	2.0IU	
11141-16-5	Aroclor-1232	1.0IU	
53469-21-9	Aroclor-1242	1.0IU	
12672-29-6	Aroclor-1248	1.0IU	
11097-69-1	Aroclor-1254	1.0IU	
11096-82-5	Aroclor-1260	1.0IU	



Sample Name : PIBLKOC
 Lab Id : PIBLKOC
 Inst Id & Col : AD6_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/L6P22JUL015.RES
 Inject Time : 0253 23Jul1994
 Run Status : RunStatusOK

PK #	RT	Area	Code	MASSng	Name
1	5.12	3084	BB	.002	
2	8.97	87134	BB	-.025	TCX
3	37.79	110492	BB	.025	DCB

Total Area: 200710

Method File: /DATA/METHOD/INDAB06.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1705 24Jul1994

Handwritten signature

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK00

Lab Name: CEIMIC CORP Contract: OHM

Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: 2CSS03

Matrix: (soil/water) WATER Lab Sample ID: PIBLK00

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received:

Extraction: (SepF/Cont/Sonc) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 07/23/94

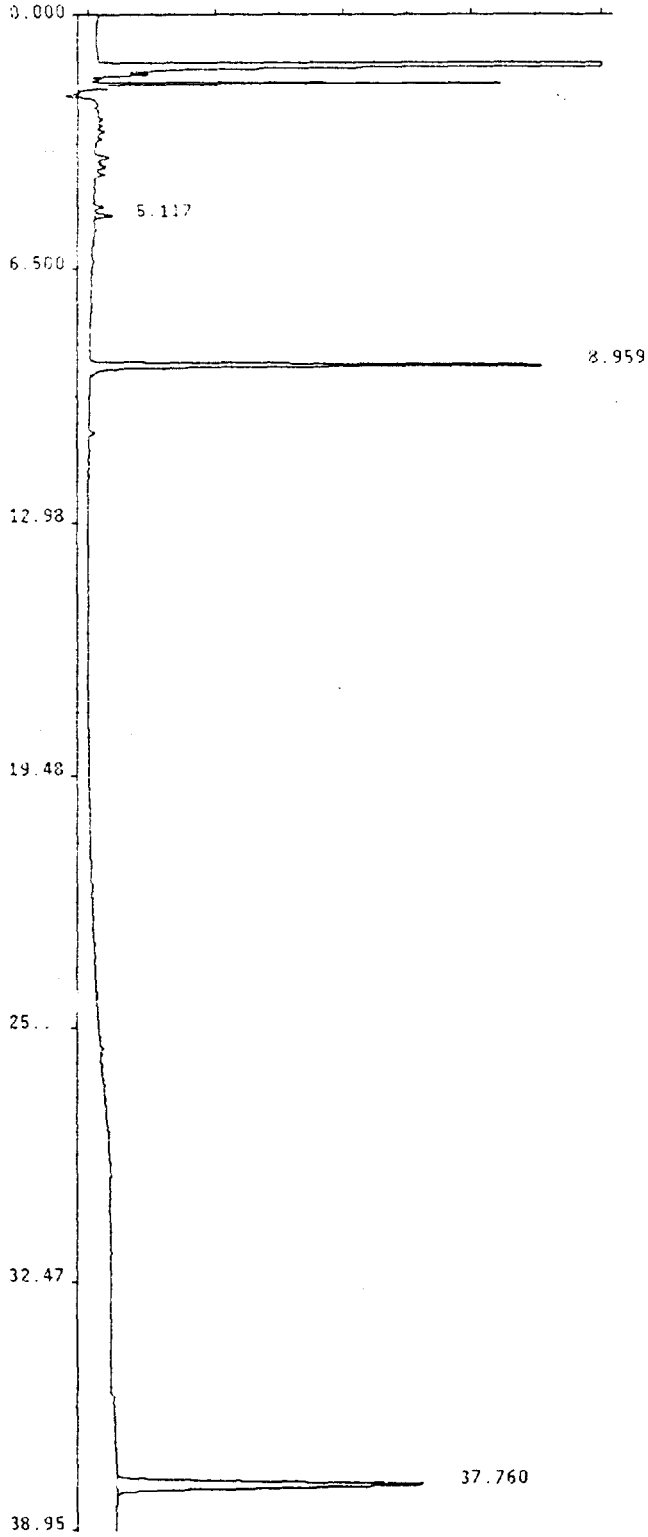
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

319-84-6	alpha-BHC	0.050IU	
319-85-7	beta-BHC	0.050IU	
319-86-8	delta-BHC	0.050IU	
58-89-9	gamma-BHC (Lindane)	0.050IU	
76-44-8	Heptachlor	0.050IU	
309-00-2	Aldrin	0.050IU	
1024-57-3	Heptachlor epoxide	0.050IU	
959-98-8	Endosulfan I	0.050IU	
60-57-1	Dieldrin	0.10IU	
72-55-9	4,4'-DDE	0.10IU	
72-20-8	Endrin	0.10IU	
33213-65-9	Endosulfan II	0.10IU	
72-54-8	4,4'-DDD	0.10IU	
1031-07-8	Endosulfan sulfate	0.10IU	
50-29-3	4,4'-DDT	0.10IU	
72-43-5	Methoxychlor	0.50IU	
53494-70-5	Endrin ketone	0.10IU	
7421-93-4	Endrin aldehyde	0.10IU	
5103-71-9	alpha-Chlordane	0.050IU	
5103-74-2	gamma-Chlordane	0.050IU	
8001-35-2	Toxaphene	5.0IU	
12674-11-2	Aroclor-1016	1.0IU	
11104-28-2	Aroclor-1221	2.0IU	
11141-16-5	Aroclor-1232	1.0IU	
53469-21-9	Aroclor-1242	1.0IU	
12672-29-6	Aroclor-1248	1.0IU	
11097-69-1	Aroclor-1254	1.0IU	
11096-82-5	Aroclor-1260	1.0IU	



Sample Name : PIBLK00
 Lab Id : PIBLK00
 Inst Id & Col : AD6_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/L6P22JUL022.RES
 Inject Time : 1423 23Jul1994
 Run Status : RunStatusOK

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	5.12	2953	BB	.002	
2	8.96	83526	BB	.024	TCX
3	37.76	108217	BB	.025	DCB

Handwritten signature and date: 25/94

Total Area: 194696

Method File: /DATA/METHOD/INDABQ6.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1824 24Jul1994

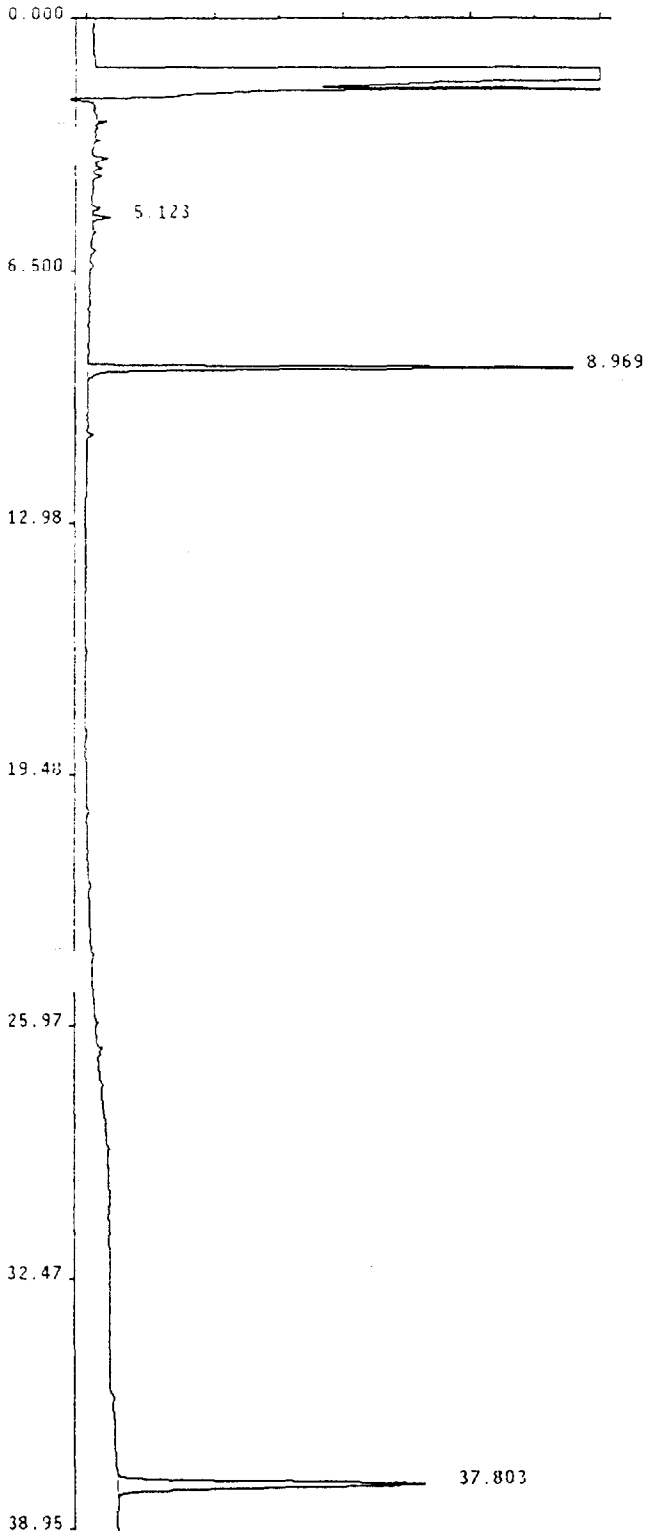
1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: <u>CEIMIC CORP</u>	Contract: <u>QHM</u>	PIBLKØE
Lab Code: <u>CEIMIC</u>	Case No.: <u>16207</u>	SAS No.: _____
		SDG No.: <u>2CSS03</u>
Matrix: (soil/water) <u>WATER</u>		Lab Sample ID: <u>PIBLKØE</u>
Sample wt/vol: <u>1000</u> (g/mL) <u>ML</u>		Lab File ID: _____
% Moisture: _____	decanted: (Y/N) _____	Date Received: _____
Extraction: (SepF/Cont/Sonc) _____		Date Extracted: _____
Concentrated Extract Volume: _____ (uL)		Date Analyzed: <u>07/24/94</u>
Injection Volume: <u>1.00</u> (uL)		Dilution Factor: <u>1.00</u>
GPC Cleanup: (Y/N) <u>N</u>	pH: _____	Sulfur Cleanup: (Y/N) <u>N</u>

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q
319-84-6	-----alpha-BHC	0.050IU
319-85-7	-----beta-BHC	0.050IU
319-86-8	-----delta-BHC	0.050IU
58-89-9	-----gamma-BHC (Lindane)	0.050IU
76-44-8	-----Heptachlor	0.050IU
309-00-2	-----Aldrin	0.050IU
1024-57-3	-----Heptachlor epoxide	0.050IU
959-98-8	-----Endosulfan I	0.050IU
60-57-1	-----Dieldrin	0.10IU
72-55-9	-----4,4'-DDE	0.10IU
72-20-8	-----Endrin	0.10IU
33213-65-9	-----Endosulfan II	0.10IU
72-54-8	-----4,4'-DDD	0.10IU
1031-07-8	-----Endosulfan sulfate	0.10IU
50-29-3	-----4,4'-DDT	0.10IU
72-43-5	-----Methoxychlor	0.50IU
53494-70-5	-----Endrin ketone	0.10IU
7421-93-4	-----Endrin aldehyde	0.10IU
5103-71-9	-----alpha-Chlordane	0.050IU
5103-74-2	-----gamma-Chlordane	0.050IU
8001-35-2	-----Toxaphene	5.0IU
12674-11-2	-----Aroclor-1016	1.0IU
11104-28-2	-----Aroclor-1221	2.0IU
11141-16-5	-----Aroclor-1232	1.0IU
53469-21-9	-----Aroclor-1242	1.0IU
12672-29-6	-----Aroclor-1248	1.0IU
11097-69-1	-----Aroclor-1254	1.0IU
11096-82-5	-----Aroclor-1260	1.0IU



Geimic Corporation Pest/PCB Report

Sample Name : PIBLKOE
 Lab Id : PIBLKOE
 Inst Id & Col : AD6_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/L6P22JUL037.RES
 Inject Time : 0114 24Ju11994
 Run Status : SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	5.12	2698	BB	.002	
2	8.97	74173	BB	.021	TCX
3	37.80	96858	BB	.022	DCB

Total Area: 173729

Method File: /DATA/METHOD/INDAB06.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1431 25Ju11994

Handwritten signature and date: 7-25-94

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK2A

Lab Name: CEIMIC CORP Contract: OHM

o Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2C5503

Matrix: (soil/water) WATER Lab Sample ID: PIBLK2A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

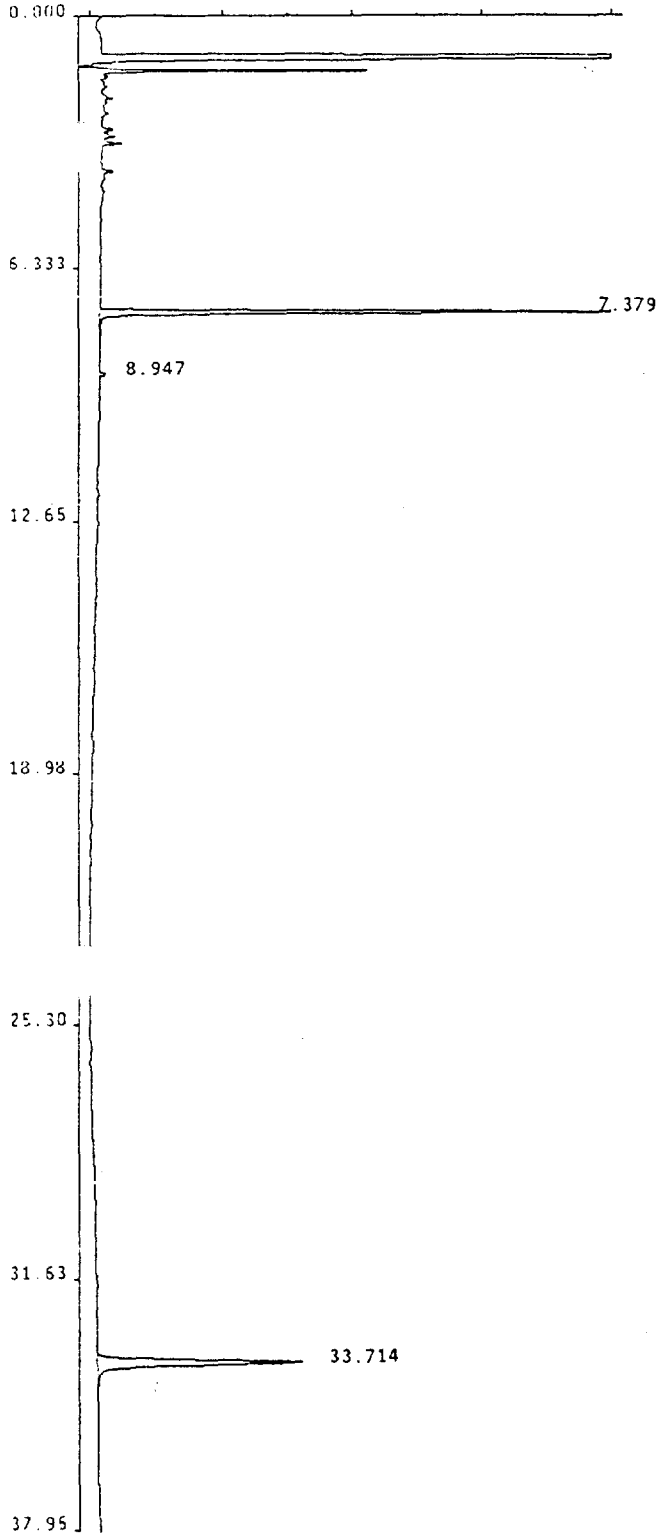
Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6-----	alpha-BHC	0.050IU	
319-85-7-----	beta-BHC	0.050IU	
319-86-8-----	delta-BHC	0.050IU	
58-89-9-----	gamma-BHC (Lindane)	0.050IU	
76-44-8-----	Heptachlor	0.050IU	
309-00-2-----	Aldrin	0.050IU	
1024-57-3-----	Heptachlor epoxide	0.050IU	
959-98-8-----	Endosulfan I	0.050IU	
60-57-1-----	Dieldrin	0.10IU	
72-55-9-----	4,4'-DDE	0.10IU	
72-20-8-----	Endrin	0.10IU	
33213-65-9-----	Endosulfan II	0.10IU	
72-54-8-----	4,4'-DDD	0.10IU	
1031-07-8-----	Endosulfan sulfate	0.10IU	
50-29-3-----	4,4'-DDT	0.10IU	
72-43-5-----	Methoxychlor	0.50IU	
53494-70-5-----	Endrin ketone	0.10IU	
7421-93-4-----	Endrin aldehyde	0.10IU	
5103-71-9-----	alpha-Chlordane	0.050IU	
5103-74-2-----	gamma-Chlordane	0.050IU	
8001-35-2-----	Toxaphene	5.0IU	
12674-11-2-----	Aroclor-1016	1.0IU	
11104-28-2-----	Aroclor-1221	2.0IU	
11141-16-5-----	Aroclor-1232	1.0IU	
53469-21-9-----	Aroclor-1242	1.0IU	
12672-29-6-----	Aroclor-1248	1.0IU	
11097-69-1-----	Aroclor-1254	1.0IU	
11096-82-5-----	Aroclor-1260	1.0IU	



Sample Name : PIBLKBA ¹⁷⁻²⁶⁻⁹⁴ PIBLK2A
 Lab Id : PIBLK0A .I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/M9P21JUL020.RES
 Inject Time : 0207 22Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

PK #	RT	Area	Code	MASSng	Name
1	7.38	233441	BB	.022	TCX
2	8.95	2759	BB	.001	
3	33.71	209347	BB	.021	DCB

Handwritten signature and date: 7/25/94

Total Area: 445547

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1344 22Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK2B

Lab Name: CEIMIC CORP Contract: QHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2C5503

Matrix: (soil/water) WATER Lab Sample ID: PIBLK2B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

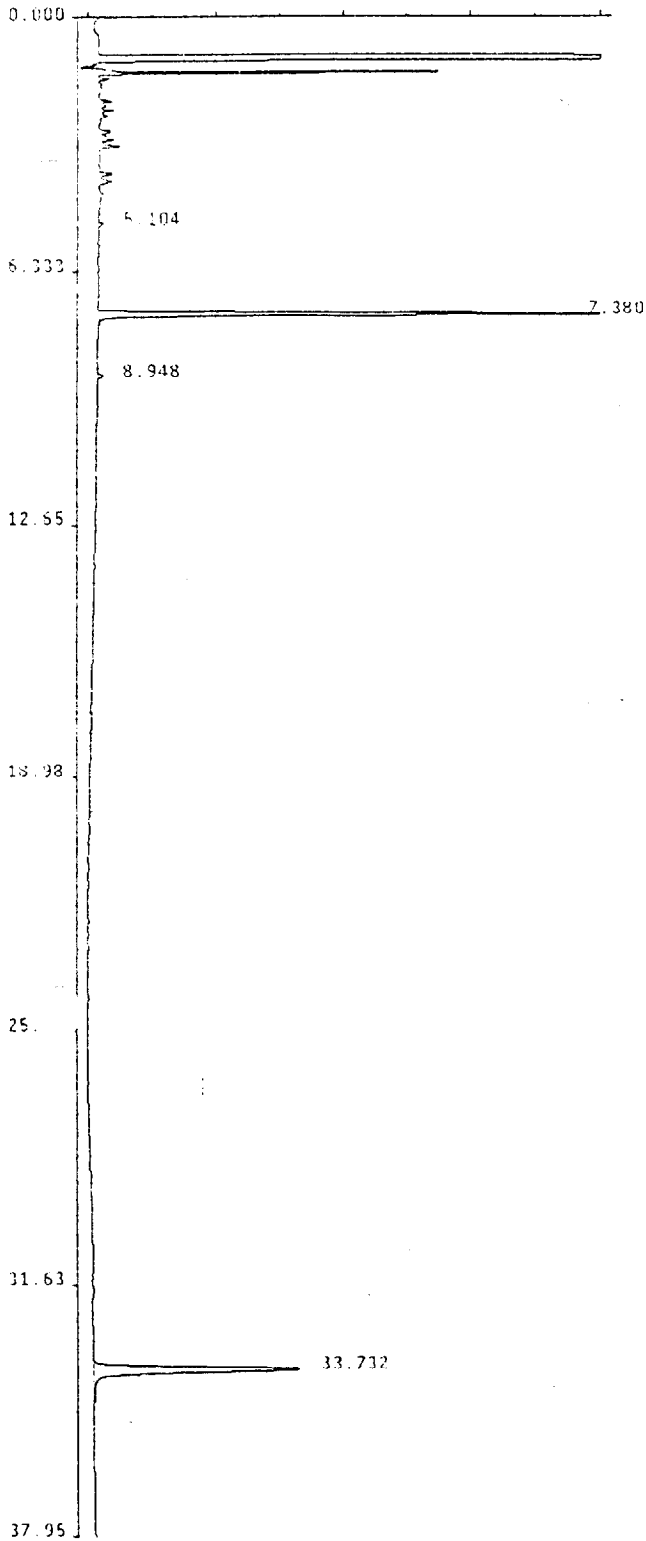
Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050IU	
319-85-7	beta-BHC	0.050IU	
319-86-8	delta-BHC	0.050IU	
58-89-9	gamma-BHC (Lindane)	0.050IU	
76-44-8	Heptachlor	0.050IU	
309-00-2	Aldrin	0.050IU	
1024-57-3	Heptachlor epoxide	0.050IU	
959-98-8	Endosulfan I	0.050IU	
60-57-1	Dieldrin	0.10IU	
72-55-9	4,4'-DDE	0.10IU	
72-20-8	Endrin	0.10IU	
33213-65-9	Endosulfan II	0.10IU	
72-54-8	4,4'-DDD	0.10IU	
1031-07-8	Endosulfan sulfate	0.10IU	
50-29-3	4,4'-DDT	0.10IU	
72-43-5	Methoxychlor	0.50IU	
53494-70-5	Endrin ketone	0.10IU	
7421-93-4	Endrin aldehyde	0.10IU	
5103-71-9	alpha-Chlordane	0.050IU	
5103-74-2	gamma-Chlordane	0.050IU	
8001-35-2	Toxaphene	5.0IU	
12674-11-2	Aroclor-1016	1.0IU	
11104-28-2	Aroclor-1221	2.0IU	
11141-16-5	Aroclor-1232	1.0IU	
53469-21-9	Aroclor-1242	1.0IU	
12672-29-6	Aroclor-1248	1.0IU	
11097-69-1	Aroclor-1254	1.0IU	
11096-82-5	Aroclor-1260	1.0IU	



Sample Name : PIBLK28
 Lab Id : PIBLK28
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL027.RES
 Inject Time : 0903 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Handwritten signature: J. De-44

Pk #	RT	Area	Code	MASSng	Name
1	5.10	2524	BB	-.001	
2	7.38	225385	BB	.022	TCX
3	8.95	3106	BB	.001	
4	33.73	214655	BB	.022	DCB

Total Area: 445671

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1008 26Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK2C

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) WATER Lab Sample ID: PIBLK2C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

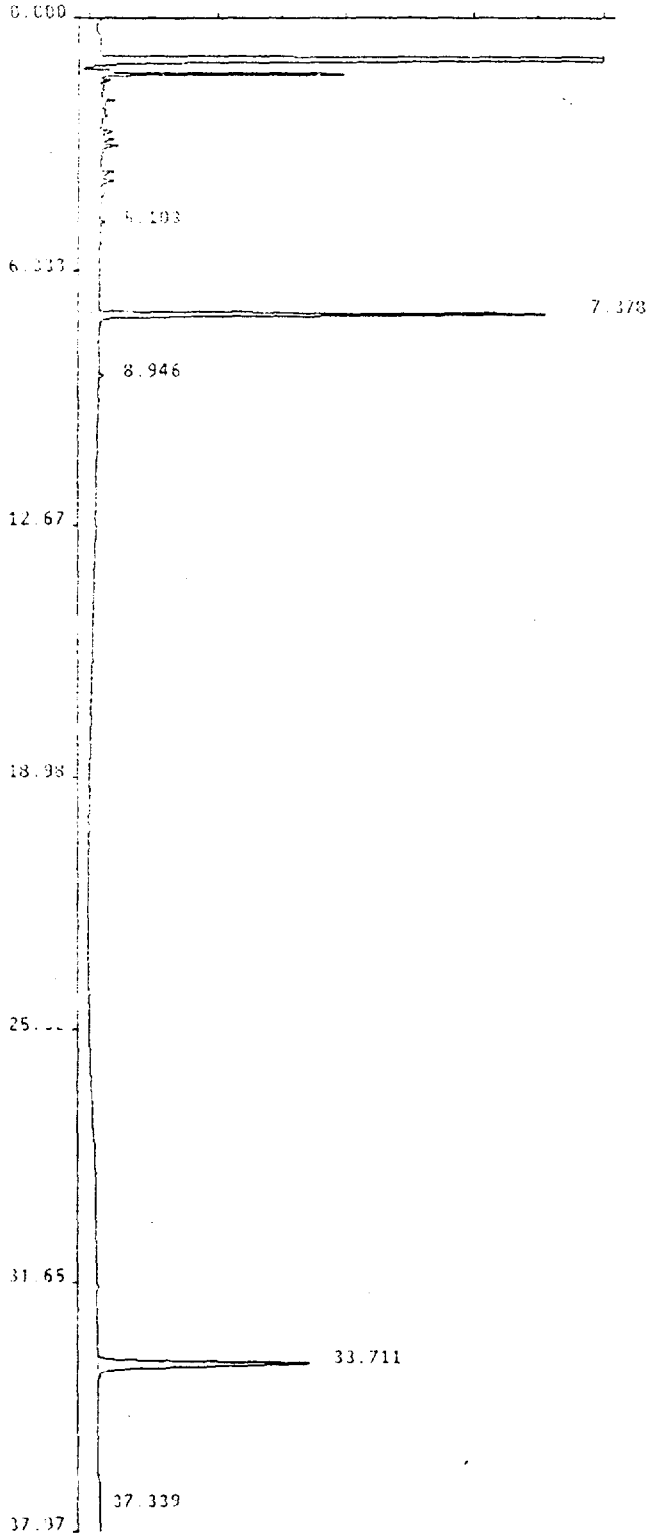
Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6	-----alpha-BHC		
319-85-7	-----beta-BHC	0.050IU	
319-86-8	-----delta-BHC	0.050IU	
58-89-9	-----gamma-BHC (Lindane)	0.050IU	
76-44-8	-----Heptachlor	0.050IU	
309-00-2	-----Aldrin	0.050IU	
1024-57-3	-----Heptachlor epoxide	0.050IU	
959-98-8	-----Endosulfan I	0.050IU	
60-57-1	-----Dieldrin	0.10IU	
72-55-9	-----4,4'-DDE	0.10IU	
72-20-8	-----Endrin	0.10IU	
33213-65-9	-----Endosulfan II	0.10IU	
72-54-8	-----4,4'-DDD	0.10IU	
1031-07-8	-----Endosulfan sulfate	0.10IU	
50-29-3	-----4,4'-DDT	0.10IU	
72-43-5	-----Methoxychlor	0.50IU	
53494-70-5	-----Endrin ketone	0.10IU	
7421-93-4	-----Endrin aldehyde	0.10IU	
5103-71-9	-----alpha-Chlordane	0.050IU	
5103-74-2	-----gamma-Chlordane	0.050IU	
8001-35-2	-----Toxaphene	5.0IU	
12674-11-2	-----Aroclor-1016	1.0IU	
11104-28-2	-----Aroclor-1221	2.0IU	
11141-16-5	-----Aroclor-1232	1.0IU	
53469-21-9	-----Aroclor-1242	1.0IU	
12672-29-6	-----Aroclor-1248	1.0IU	
11097-69-1	-----Aroclor-1254	1.0IU	
11096-82-5	-----Aroclor-1260	1.0IU	



Sample Name : P18LK2C
 Lab Id : P18LK2C
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL039.RES
 Inject Time : 1755 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Handwritten signature/initials

Pk #	RT	Area	Code	MASSng	Name
1	5.10	2427	BB	.001	
2	7.38	248406	BB	.024	TCX
3	8.95	3346	BB	.001	
4	33.71	234970	BB	.024	DCB
5	37.34	5367	BB	.001	

Total Area: 494516

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 0928 26Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: CEIMIC CORP Contract: OHM FIBLK2D

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) WATER Lab Sample ID: FIBLK2D

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

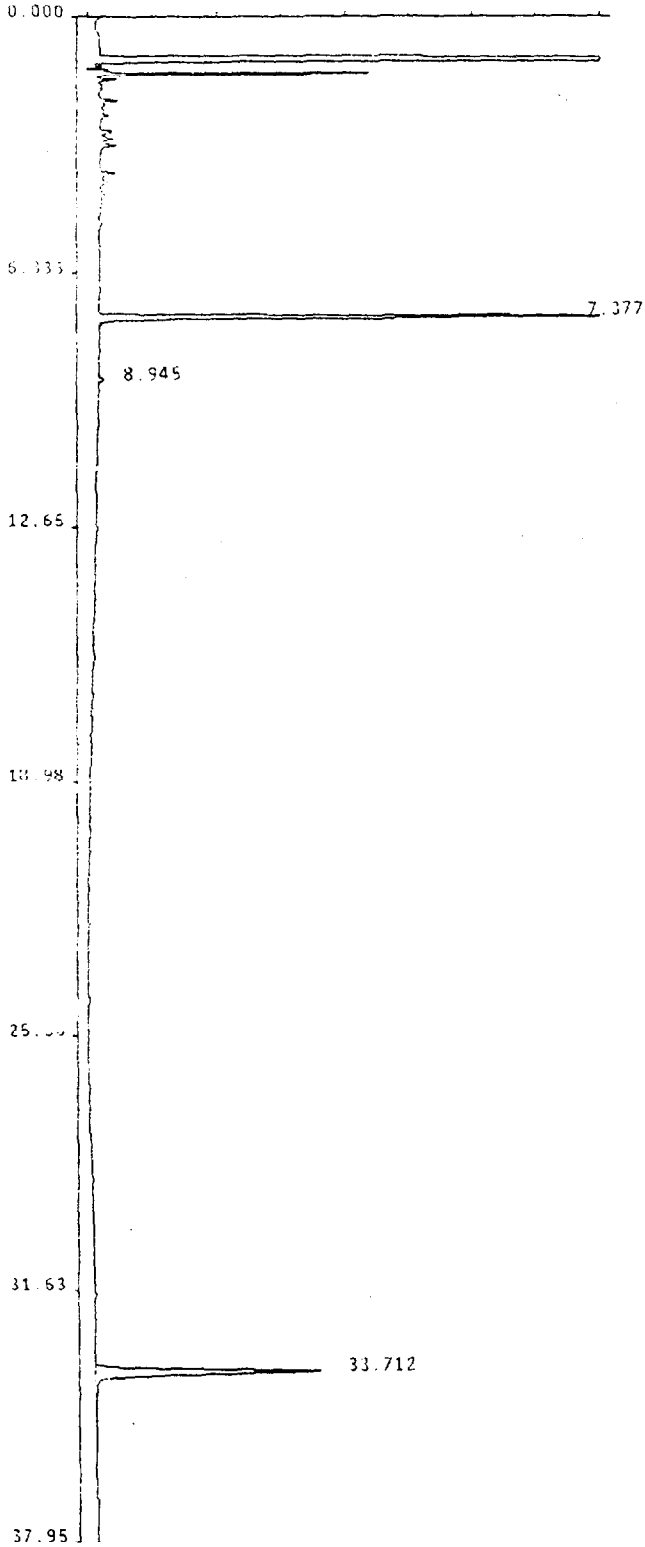
Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
319-84-6	alpha-BHC	0.0501U	
319-85-7	beta-BHC	0.0501U	
319-86-8	delta-BHC	0.0501U	
58-89-9	gamma-BHC (Lindane)	0.0501U	
76-44-8	Heptachlor	0.0501U	
309-00-2	Aldrin	0.0501U	
1024-57-3	Heptachlor epoxide	0.0501U	
959-98-8	Endosulfan I	0.0501U	
60-57-1	Dieldrin	0.101U	
72-55-9	4,4'-DDE	0.101U	
72-20-8	Endrin	0.101U	
33213-65-9	Endosulfan II	0.101U	
72-54-8	4,4'-DDD	0.101U	
1031-07-8	Endosulfan sulfate	0.101U	
50-29-3	4,4'-DDT	0.101U	
72-43-5	Methoxychlor	0.501U	
53494-70-5	Endrin ketone	0.101U	
7421-93-4	Endrin aldehyde	0.101U	
5103-71-9	alpha-Chlordane	0.0501U	
5103-74-2	gamma-Chlordane	0.0501U	
8001-35-2	Toxaphene	5.01U	
12674-11-2	Aroclor-1016	1.01U	
11104-28-2	Aroclor-1221	2.01U	
11141-16-5	Aroclor-1232	1.01U	
53469-21-9	Aroclor-1242	1.01U	
12672-29-6	Aroclor-1248	1.01U	
11097-69-1	Aroclor-1254	1.01U	
11096-82-5	Aroclor-1260	1.01U	



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK2D
 Lab Id : PIBLK2D
 Inst Id & Col : A09_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JUL053.RES
 Inject Time : 0416 26Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

PK #	RT	Area	Code	MASSng	Name
1	7.38	232485	BB	.022	TCX
2	8.95	3502	BB	.001	
3	33.71	228140	BB	.023	DCB

Total Area: 464128

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 0938 26Jul1994

Handwritten signature and date: 7-26-94

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1A

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

Extraction: (SoxH/Cont/Sonc) _____ Date Extracted: _____

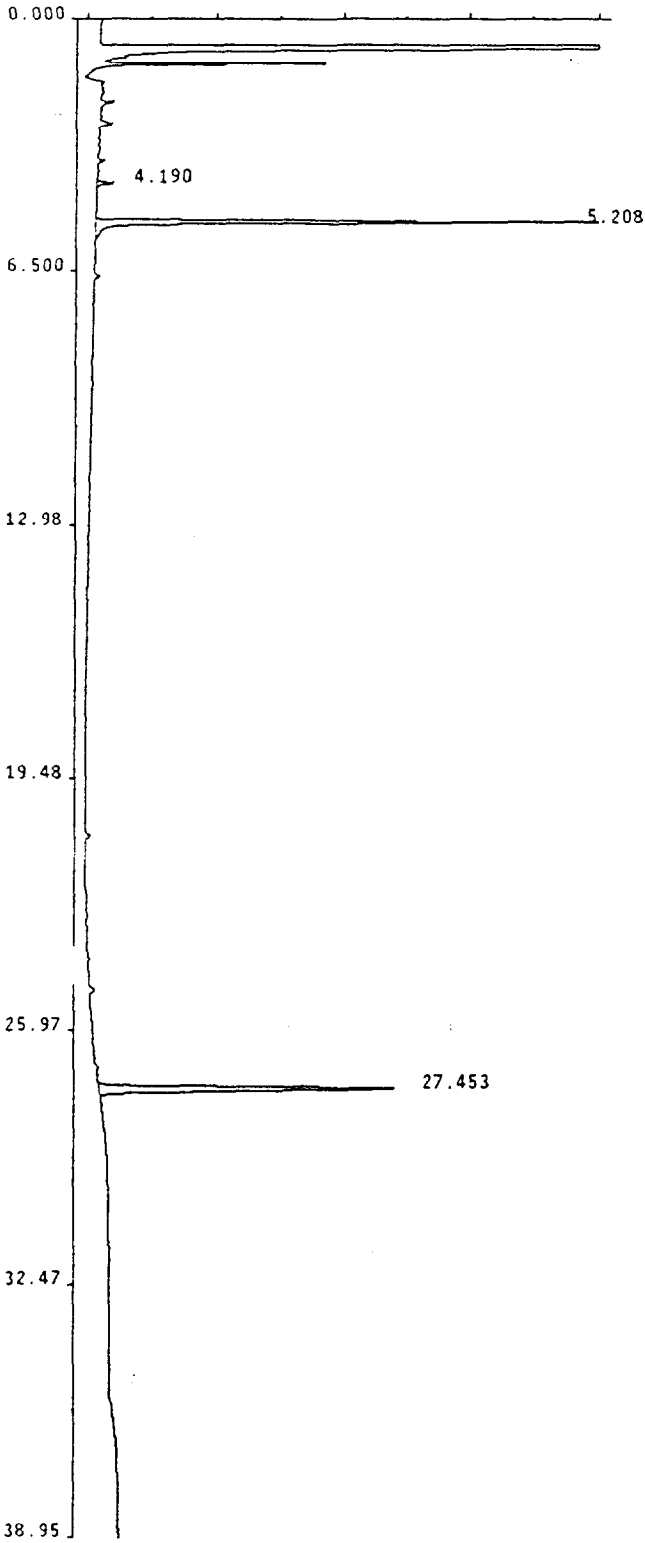
Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/06/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	UG/L	Q
319-84-6	alpha-BHC	0.050IU	
319-85-7	beta-BHC	0.050IU	
319-86-8	delta-BHC	0.050IU	
58-89-9	gamma-BHC (Lindane)	0.050IU	
76-44-8	Heptachlor	0.050IU	
309-00-2	Aldrin	0.050IU	
1024-57-3	Heptachlor epoxide	0.050IU	
959-98-8	Endosulfan I	0.050IU	
60-57-1	Dieldrin	0.10IU	
72-55-9	4,4'-DDE	0.10IU	
72-20-8	Endrin	0.10IU	
33213-65-9	Endosulfan II	0.10IU	
72-54-8	4,4'-DDD	0.10IU	
1031-07-8	Endosulfan sulfate	0.10IU	
50-29-3	4,4'-DDT	0.10IU	
72-43-5	Methoxychlor	0.50IU	
53494-70-5	Endrin ketone	0.10IU	
7421-93-4	Endrin aldehyde	0.10IU	
5103-71-9	alpha-Chlordane	0.050IU	
5103-74-2	gamma-Chlordane	0.050IU	
8001-35-2	Toxaphene	5.0IU	
12674-11-2	Aroclor-1016	1.0IU	
11104-28-2	Aroclor-1221	2.0IU	
11141-16-5	Aroclor-1232	1.0IU	
53469-21-9	Aroclor-1242	1.0IU	
12672-29-6	Aroclor-1248	1.0IU	
11097-69-1	Aroclor-1254	1.0IU	
11096-82-5	Aroclor-1260	1.0IU	



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK1A
 Lab Id : PIBLK1A ,I
 Inst Id & Col : AD7_1, D81701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/D7P05JUL020.RES
 Inject Time : 0920 06Jul1994
 Run Status : RunStatusOK

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

17-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	4338	BB	.000	
2	5.21	145404	BB	.025	TCX
3	27.45	132245	BB	.024	DCB

Total Area: 281987

Method File: /DATA/METHOD/INDABQ7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1145 06Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: CEIMIC CORP Contract: OHM PIBLK1B

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2C5503

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/22/94

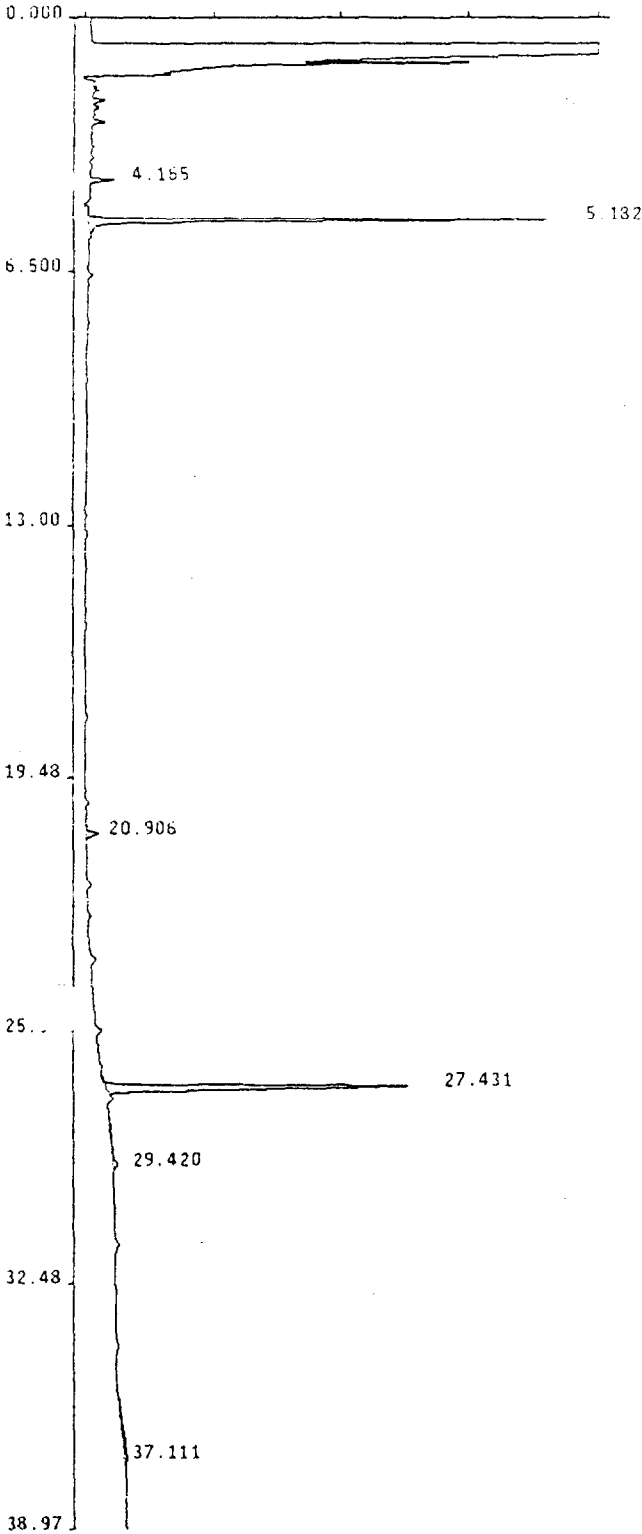
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q
319-84-6	alpha-BHC	0.050IU
319-85-7	beta-BHC	0.050IU
319-86-8	delta-BHC	0.050IU
58-89-9	gamma-BHC (Lindane)	0.050IU
76-44-8	Heptachlor	0.050IU
309-00-2	Aldrin	0.050IU
1024-57-3	Heptachlor epoxide	0.050IU
959-98-8	Endosulfan I	0.050IU
60-57-1	Dieldrin	0.10IU
72-55-9	4,4'-DDE	0.10IU
72-20-8	Endrin	0.10IU
33213-65-9	Endosulfan II	0.10IU
72-54-8	4,4'-DDD	0.10IU
1031-07-8	Endosulfan sulfate	0.10IU
50-29-3	4,4'-DDT	0.10IU
72-43-5	Methoxychlor	0.50IU
53494-70-5	Endrin ketone	0.10IU
7421-93-4	Endrin aldehyde	0.10IU
5103-71-9	alpha-Chlordane	0.050IU
5103-74-2	gamma-Chlordane	0.050IU
8001-35-2	Toxaphene	5.0IU
12674-11-2	Aroclor-1016	1.0IU
11104-28-2	Aroclor-1221	2.0IU
11141-16-5	Aroclor-1232	1.0IU
53469-21-9	Aroclor-1242	1.0IU
12672-29-6	Aroclor-1248	1.0IU
11097-69-1	Aroclor-1254	1.0IU
11096-82-5	Aroclor-1260	1.0IU

343



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK18
 Lab Id : PIBLK18
 Inst Id & Col : AD7_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/L7P22JUL001.RES
 Inject Time : 1645 22Jul1994
 Run Status : SignalOverload

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.17	6509	BB	.001	
2	5.18	137658	BB	-.023	TCX
3	20.91	4811	BB	.001	
4	27.43	122322	BB	.022	DCB
5	29.42	5580	BB	.001	
6	37.11	12424	BB	.001	

Handwritten signature
 7-25-94

Total Area: 289304

Method File: /DATA/METHOD/INDA8Q7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1635 24Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1C

Lab Name: CEIMIC CORP Contract: QHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2C5503

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

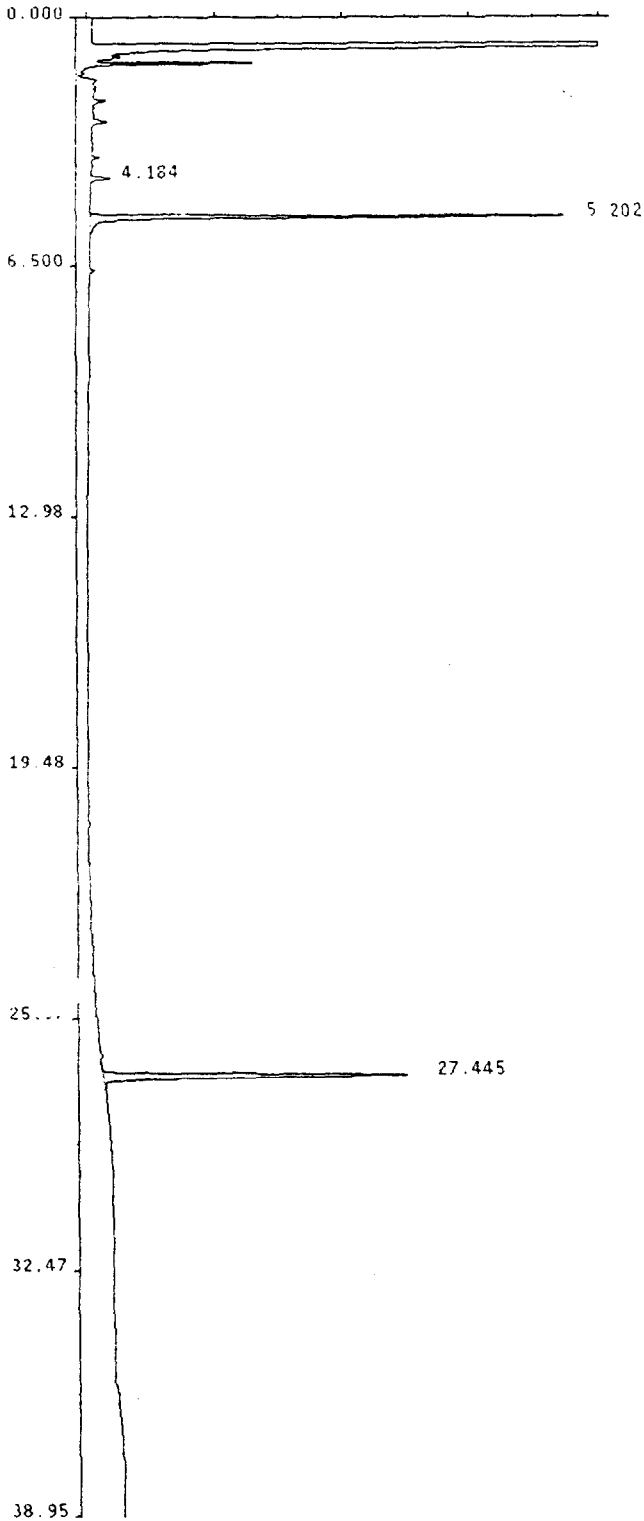
Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6	alpha-BHC	0.0501U	
319-85-7	beta-BHC	0.0501U	
319-86-8	delta-BHC	0.0501U	
58-89-9	gamma-BHC (Lindane)	0.0501U	
76-44-8	Heptachlor	0.0501U	
309-00-2	Aldrin	0.0501U	
1024-57-3	Heptachlor epoxide	0.0501U	
959-98-8	Endosulfan I	0.0501U	
60-57-1	Dieldrin	0.101U	
72-55-9	4,4'-DDE	0.101U	
72-20-8	Endrin	0.101U	
33213-65-9	Endosulfan II	0.101U	
72-54-8	4,4'-DDD	0.101U	
1031-07-8	Endosulfan sulfate	0.101U	
50-29-3	4,4'-DDT	0.101U	
72-43-5	Methoxychlor	0.501U	
53494-70-5	Endrin ketone	0.101U	
7421-93-4	Endrin aldehyde	0.101U	
5103-71-9	alpha-Chlordane	0.0501U	
5103-74-2	gamma-Chlordane	0.0501U	
8001-35-2	Toxaphene	5.01U	
12674-11-2	Aroclor-1016	1.01U	
11104-28-2	Aroclor-1221	2.01U	
11141-16-5	Aroclor-1232	1.01U	
53469-21-9	Aroclor-1242	1.01U	
12672-29-6	Aroclor-1248	1.01U	
11097-69-1	Aroclor-1254	1.01U	
11096-82-5	Aroclor-1260	1.01U	

345



Sample Name : PIBLK1C
 Lab Id : PIBLK1C
 Inst Id & Col : AD7_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/L7P22JUL015.RES
 Inject Time : 0253 23Jul1994
 Run Status : RunStatusOK

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.18	5536	BB	.001	
2	5.20	143190	BB	-.024	TCX
3	27.45	139876	BB	.025	DC8

Handwritten signature and date: 7-15-94

Total Area: 288602

Method File: /DATA/METHOD/INDABQ7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1705 24Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: CEIMIC CORP

Contract: QHM

PIBLK1D

Lab Code: CEIMIC

Case No.: 16207

SAS No.: _____

SDG No.: 2CSS03

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK1D

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____

Date Received: _____

Extraction: (SepF/Cont/Sonc) _____

Date Extracted: _____

Concentrated Extract Volume: _____ (uL)

Date Analyzed: 07/23/94

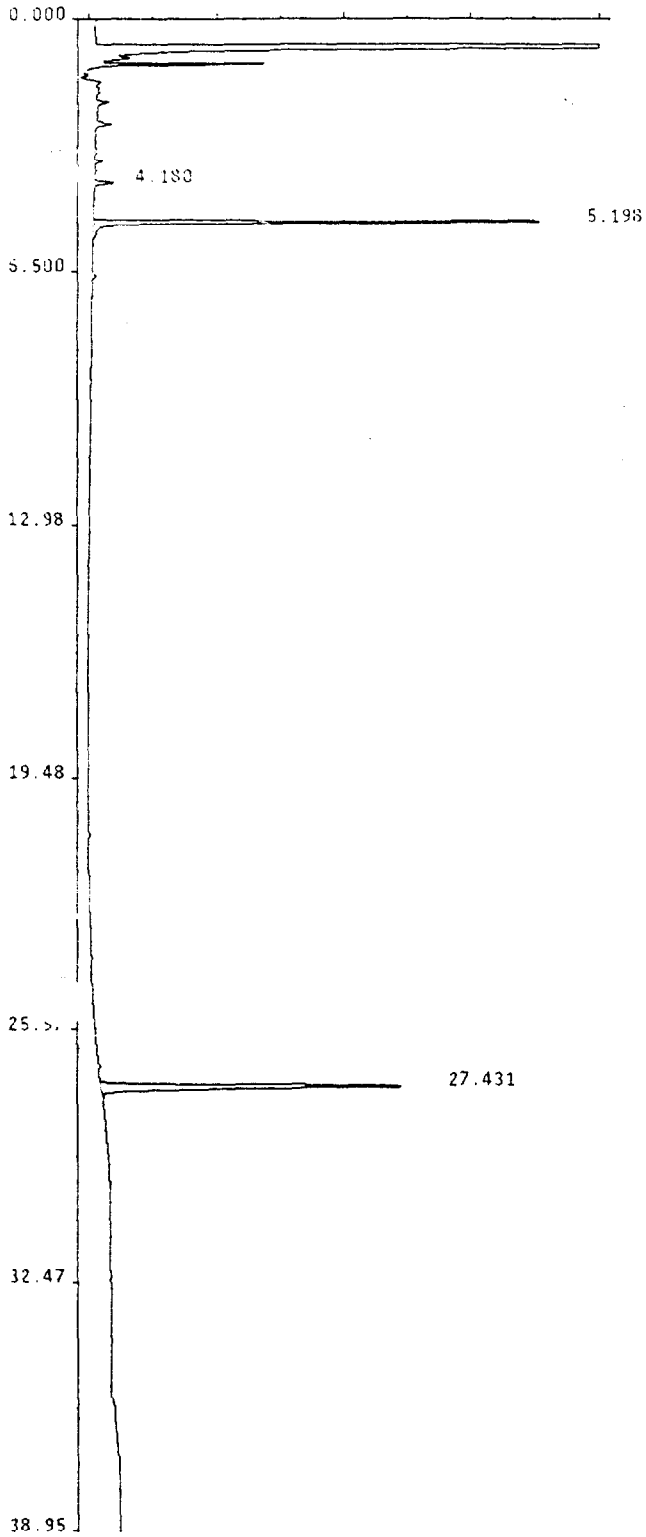
Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6	alpha-BHC	0.050IU	
319-85-7	beta-BHC	0.050IU	
319-86-8	delta-BHC	0.050IU	
58-89-9	gamma-BHC (Lindane)	0.050IU	
76-44-8	Heptachlor	0.050IU	
309-00-2	Aldrin	0.050IU	
1024-57-3	Heptachlor epoxide	0.050IU	
959-98-8	Endosulfan I	0.050IU	
60-57-1	Dieldrin	0.10IU	
72-55-9	4,4'-DDE	0.10IU	
72-20-8	Endrin	0.10IU	
33213-65-9	Endosulfan II	0.10IU	
72-54-8	4,4'-DDD	0.10IU	
1031-07-8	Endosulfan sulfate	0.10IU	
50-29-3	4,4'-DDT	0.10IU	
72-43-5	Methoxychlor	0.50IU	
53494-70-5	Endrin ketone	0.10IU	
7421-93-4	Endrin aldehyde	0.10IU	
5103-71-9	alpha-Chlordane	0.050IU	
5103-74-2	gamma-Chlordane	0.050IU	
8001-35-2	Toxaphene	5.0IU	
12674-11-2	Aroclor-1016	1.0IU	
11104-28-2	Aroclor-1221	2.0IU	
11141-16-5	Aroclor-1232	1.0IU	
53469-21-9	Aroclor-1242	1.0IU	
12672-29-6	Aroclor-1248	1.0IU	
11097-69-1	Aroclor-1254	1.0IU	
11096-82-5	Aroclor-1260	1.0IU	



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK1D
 Lab Id : PIBLK1D
 Inst Id & Col : AD7_1, D81701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/L7P22JUL022.RES
 Inject Time : 1423 23Jul1994
 Run Status : RunStatusOK

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.18	5386	BB	.001	
2	5.20	137505	BB	-.023	TCX
3	27.43	135423	BB	.025	DCB

Total Area: 278315

Method File: /DATA/METHOD/INDABQ7.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1720 24Jul1994

Handwritten signature and date: 7-25-94

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1E

Lab Name: CEIMIC CORP

Contract: QHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.: _____

SDG No.: 2CSS03

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK1E

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____

Date Received: _____

Extraction: (SepF/Cont/Sonc) _____

Date Extracted: _____

Concentrated Extract Volume: _____ (uL)

Date Analyzed: 07/24/94

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

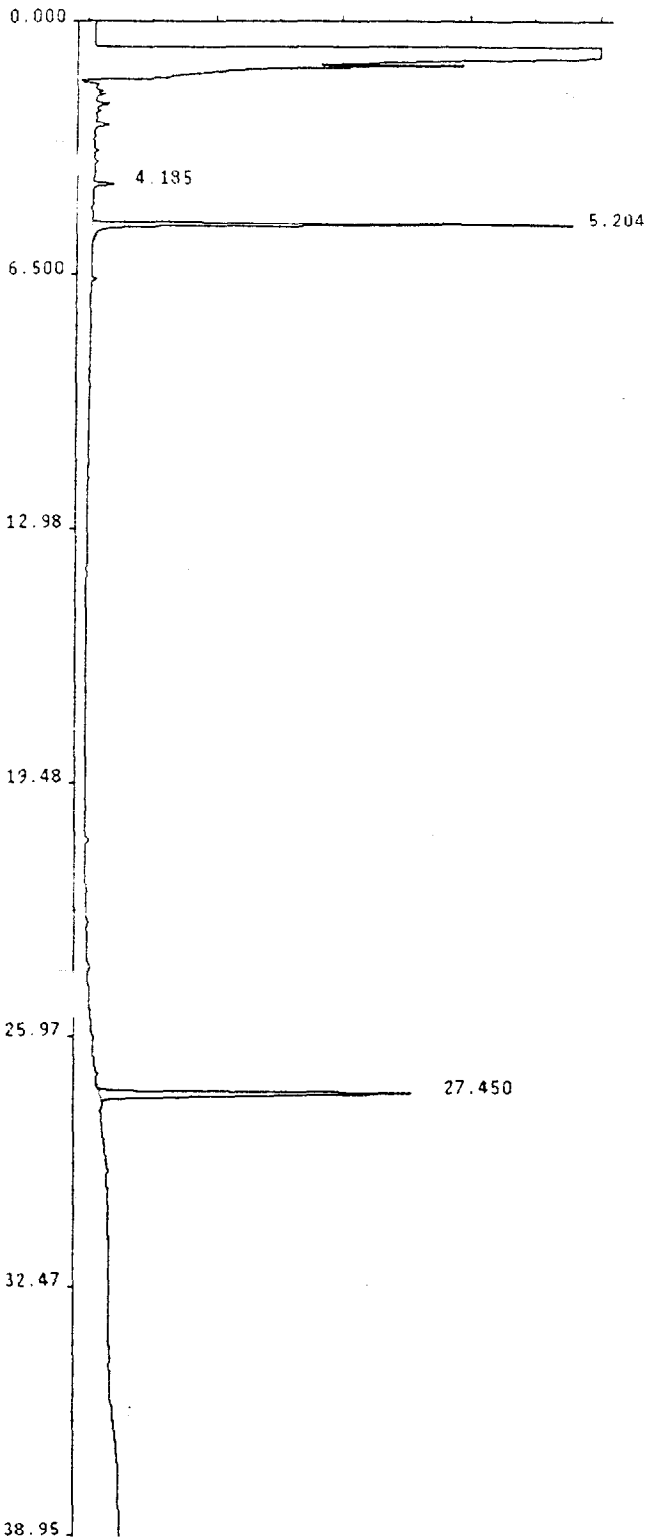
pH: _____

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

319-84-6	alpha-BHC	0.0501U	
319-85-7	beta-BHC	0.0501U	
319-86-8	delta-BHC	0.0501U	
58-89-9	gamma-BHC (Lindane)	0.0501U	
76-44-8	Heptachlor	0.0501U	
309-00-2	Aldrin	0.0501U	
1024-57-3	Heptachlor epoxide	0.0501U	
959-98-8	Endosulfan I	0.0501U	
60-57-1	Dieldrin	0.101U	
72-55-9	4,4'-DDE	0.101U	
72-20-8	Endrin	0.101U	
33213-65-9	Endosulfan II	0.101U	
72-54-8	4,4'-DDD	0.101U	
1031-07-8	Endosulfan sulfate	0.101U	
50-29-3	4,4'-DDT	0.101U	
72-43-5	Methoxychlor	0.501U	
53494-70-5	Endrin ketone	0.101U	
7421-93-4	Endrin aldehyde	0.101U	
5103-71-9	alpha-Chlordane	0.0501U	
5103-74-2	gamma-Chlordane	0.0501U	
8001-35-2	Toxaphene	5.01U	
12674-11-2	Aroclor-1016	1.01U	
11104-28-2	Aroclor-1221	2.01U	
11141-16-5	Aroclor-1232	1.01U	
53469-21-9	Aroclor-1242	1.01U	
12672-29-6	Aroclor-1248	1.01U	
11097-69-1	Aroclor-1254	1.01U	
11096-82-5	Aroclor-1260	1.01U	



Ceimic Corporation Pest/PCB Report

Sample Name : P18LK1E
 Lab Id : P18LK1E
 Inst Id & Col : AD7_1, D81701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/L7P22JUL037.RES
 Inject Time : 0114 24Jul1994
 Run Status : SignalOverload

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.18	4780	BB	.001	
2	5.20	122054	BB	.021	TCX
3	27.45	118636	BB	.022	DCB

Total Area: 245470

Method File: /DATA/METHOD/INDAB07.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1820 24Jul1994

Handwritten signature and date: 7-25-94

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIBLK3A

Lab Name: CEIMIC CORP Contract: QHM

Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 206603

Matrix: (soil/water) WATER Lab Sample ID: FIBLK3A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

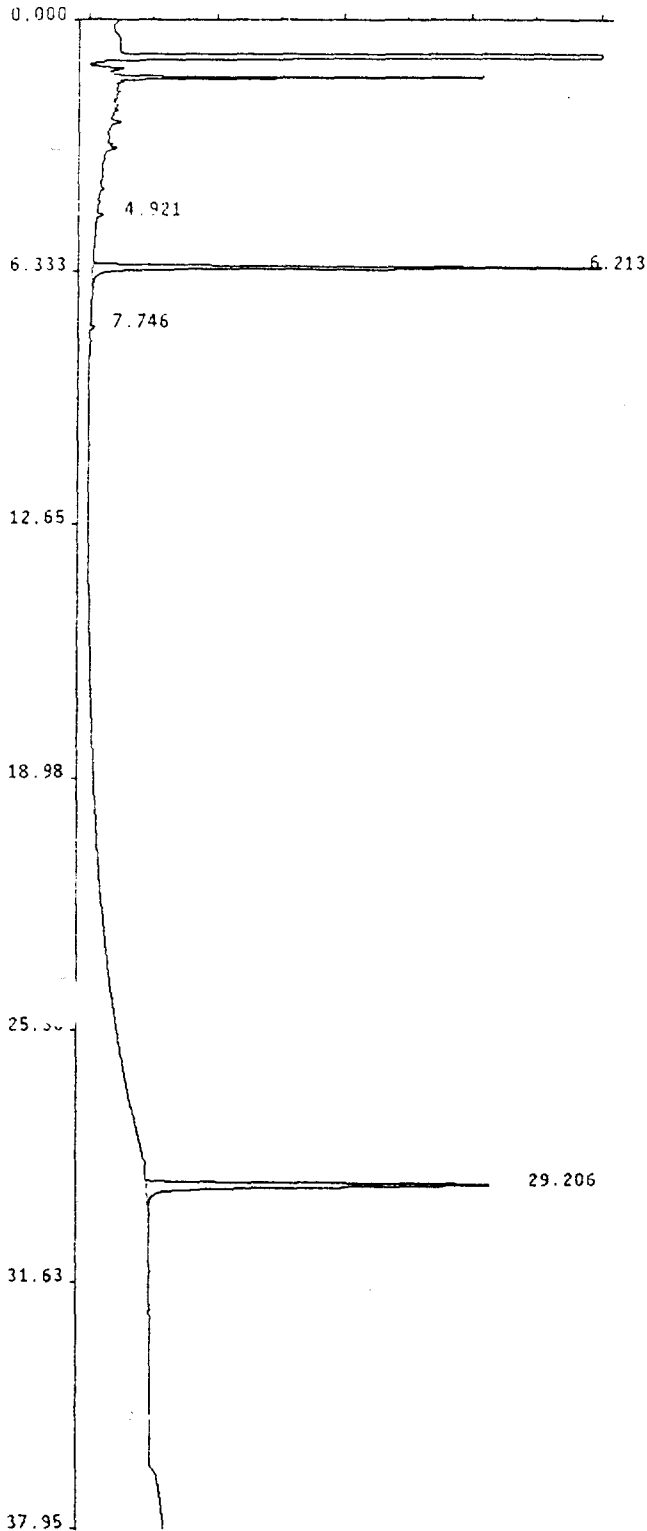
Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q
319-84-6	alpha-BHC	0.050IU
319-85-7	beta-BHC	0.050IU
319-86-8	delta-BHC	0.050IU
58-89-9	gamma-BHC (Lindane)	0.050IU
76-44-8	Heptachlor	0.050IU
309-00-2	Aldrin	0.050IU
1024-57-3	Heptachlor epoxide	0.050IU
959-98-8	Endosulfan I	0.050IU
60-57-1	Dieldrin	0.10IU
72-55-9	4,4'-DDE	0.10IU
72-20-8	Endrin	0.10IU
33213-65-9	Endosulfan II	0.10IU
72-54-8	4,4'-DDD	0.10IU
1031-07-8	Endosulfan sulfate	0.10IU
50-29-3	4,4'-DDT	0.10IU
72-43-5	Methoxychlor	0.50IU
53494-70-5	Endrin ketone	0.10IU
7421-93-4	Endrin aldehyde	0.10IU
5103-71-9	alpha-Chlordane	0.050IU
5103-74-2	gamma-Chlordane	0.050IU
8001-35-2	Toxaphene	5.0IU
12674-11-2	Aroclor-1016	1.0IU
11104-28-2	Aroclor-1221	2.0IU
11141-16-5	Aroclor-1232	1.0IU
53469-21-9	Aroclor-1242	1.0IU
12672-29-6	Aroclor-1248	1.0IU
11097-69-1	Aroclor-1254	1.0IU
11096-82-5	Aroclor-1260	1.0IU



Sample Name : PIBLK1A ^{#1-26-94} PIBUC3A
 Lab Id : PIBLK1A .I
 Inst Id & Col : AD8_1, D81701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/M8P21JUL020.RES
 Inject Time : 0207 22Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.92	3271	VB	.001	
2	6.21	252600	BB	.022	TCX
3	7.75	2479	BB	.001	
4	29.21	282460	BB	.021	DCB

JG
7/25/94

Total Area: 540810

Method File: /DATA/METHOD/INDAB08.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1401 22Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK3B

Lab Name: CEIMIC CORP Contract: QHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2C5503

Matrix: (soil/water) WATER Lab Sample ID: PIBLK3B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
319-84-6	alpha-BHC	0.0501U	
319-85-7	beta-BHC	0.0501U	
319-86-8	delta-BHC	0.0501U	
58-89-9	gamma-BHC (Lindane)	0.0501U	
76-44-8	Heptachlor	0.0501U	
309-00-2	Aldrin	0.0501U	
1024-57-3	Heptachlor epoxide	0.0501U	
959-98-8	Endosulfan I	0.0501U	
60-57-1	Dieldrin	0.101U	
72-55-9	4,4'-DDE	0.101U	
72-20-8	Endrin	0.101U	
33213-65-9	Endosulfan II	0.101U	
72-54-8	4,4'-DDD	0.101U	
1031-07-8	Endosulfan sulfate	0.101U	
50-29-3	4,4'-DDT	0.101U	
72-43-5	Methoxychlor	0.501U	
53494-70-5	Endrin ketone	0.101U	
7421-93-4	Endrin aldehyde	0.101U	
5103-71-9	alpha-Chlordane	0.0501U	
5103-74-2	gamma-Chlordane	0.0501U	
8001-35-2	Toxaphene	5.01U	
12674-11-2	Aroclor-1016	1.01U	
11104-28-2	Aroclor-1221	2.01U	
11141-16-5	Aroclor-1232	1.01U	
53469-21-9	Aroclor-1242	1.01U	
12672-29-6	Aroclor-1248	1.01U	
11097-69-1	Aroclor-1254	1.01U	
11096-82-5	Aroclor-1260	1.01U	

353

Sample Name : PIBLK38
 Lab Id : PIBLK38
 Inst Id & Col : AD8_1, D81701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL027.RES
 Inject Time : 0903 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

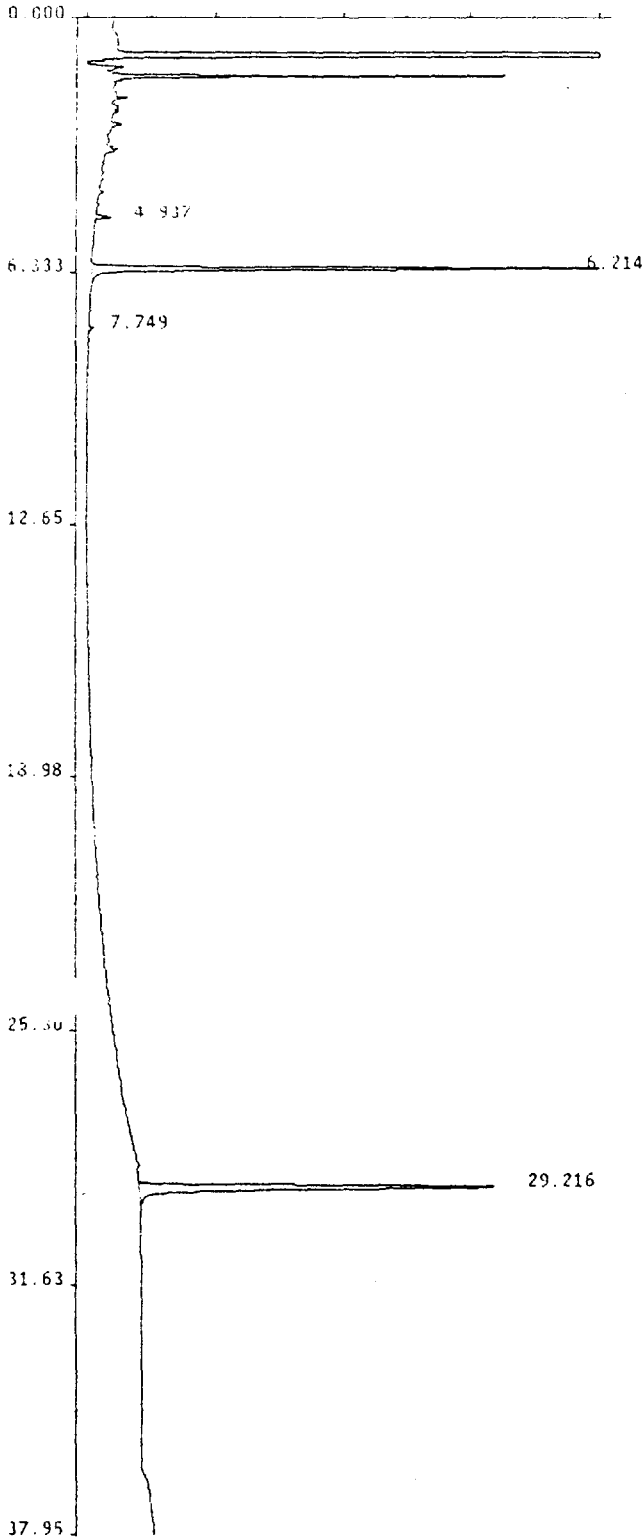
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

7-26-94

Pk #	RT	Area	Code	MASSng	Name
1	4.94	8262	VB	.002	
2	6.21	244094	BB	.021	TCX
3	7.75	2475	BB	.001	
4	29.22	285112	BB	.021	DCB

Total Area: 539943

Method File: /DATA/METHOD/INDAB08.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 0930 26Jul1994



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: CEIMIC CORP Contract: OHM

PIBLK3C

b Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2C5503

Matrix: (soil/water) WATER Lab Sample ID: PIBLK3C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

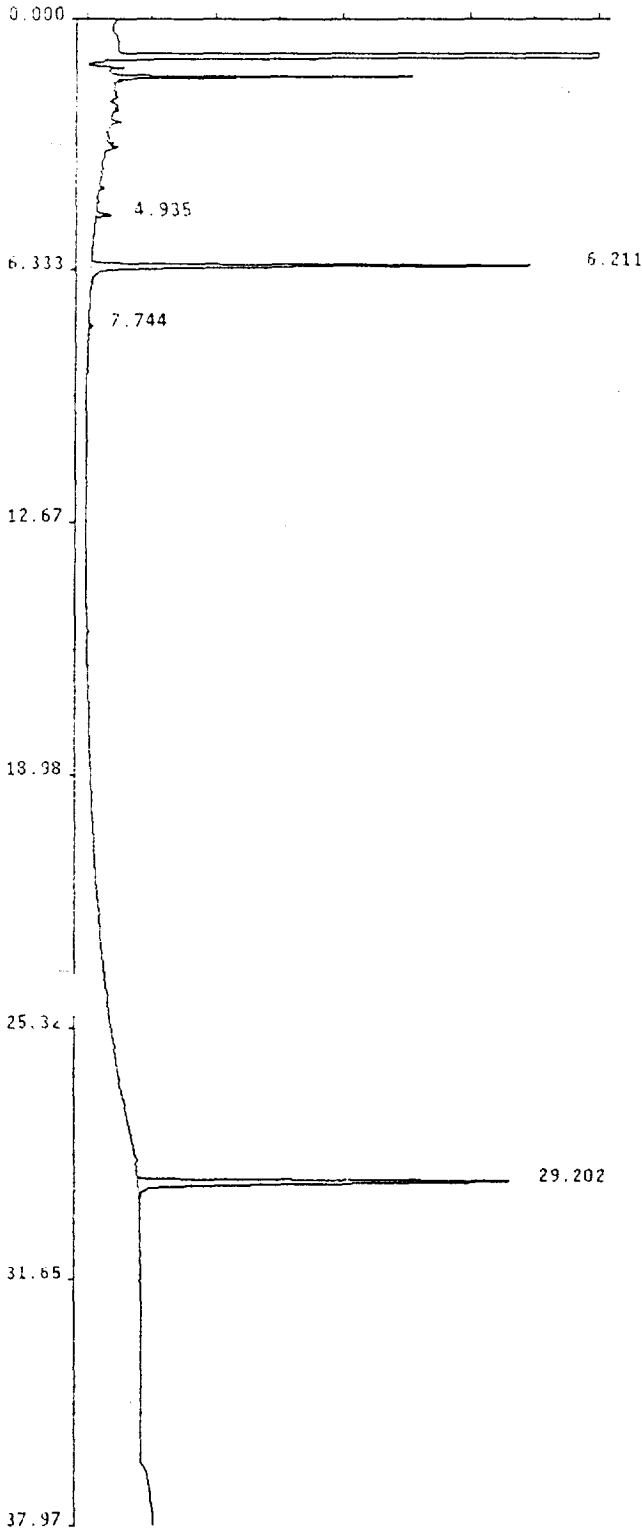
Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-5	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-5	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Geimic Corporation Pest/PCB Report

Sample Name : PIBLK3C
 Lab Id : PIBLK3C
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL039.RES
 Inject Time : 1755 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

J 7-26-94

PK #	RT	Area	Code	MASSng	Name
1	4.94	8161	VB	.002	
2	6.21	271547	BB	.023	TCX
3	7.74	2689	BB	.001	
4	29.20	312602	BB	.023	DCB

Total Area: 595000

Method File: /DATA/METHOD/INDAB08.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 0932 26Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK3D

Lab Name: CEIMIC CORP

Contract: OHM

b Code: CEIMIC

Case No.: 16207

SAS No.: _____

SDG No.: 2CSS03

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK3D

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____

Date Received: _____

Extraction: (SepF/Cont/Sonc) _____

Date Extracted: _____

Concentrated Extract Volume: _____ (uL)

Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH: _____

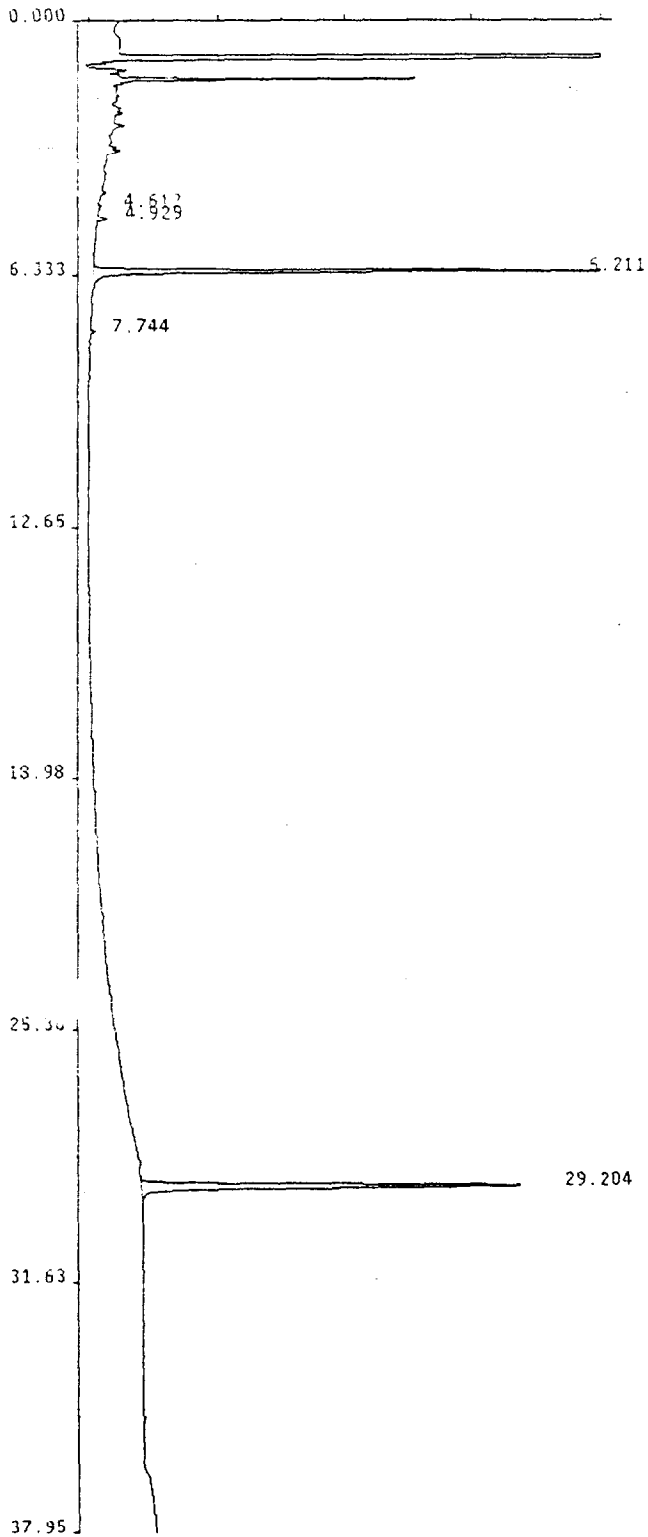
Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

319-84-6	alpha-BHC	0.050IU	
319-85-7	beta-BHC	0.050IU	
319-86-8	delta-BHC	0.050IU	
58-89-9	gamma-BHC (Lindane)	0.050IU	
76-44-8	Heptachlor	0.050IU	
309-00-2	Aldrin	0.050IU	
1024-57-3	Heptachlor epoxide	0.050IU	
959-98-8	Endosulfan I	0.050IU	
60-57-1	Dieldrin	0.10IU	
72-55-9	4,4'-DDE	0.10IU	
72-20-8	Endrin	0.10IU	
33213-65-9	Endosulfan II	0.10IU	
72-54-8	4,4'-DDD	0.10IU	
1031-07-8	Endosulfan sulfate	0.10IU	
50-29-3	4,4'-DDT	0.10IU	
72-43-5	Methoxychlor	0.50IU	
53494-70-5	Endrin ketone	0.10IU	
7421-93-4	Endrin aldehyde	0.10IU	
5103-71-9	alpha-Chlordane	0.050IU	
5103-74-2	gamma-Chlordane	0.050IU	
8001-35-2	Toxaphene	5.0IU	
12674-11-2	Aroclor-1016	1.0IU	
11104-28-2	Aroclor-1221	2.0IU	
11141-16-5	Aroclor-1232	1.0IU	
53469-21-9	Aroclor-1242	1.0IU	
12672-29-6	Aroclor-1248	1.0IU	
11097-69-1	Aroclor-1254	1.0IU	
11096-82-5	Aroclor-1260	1.0IU	

357



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK3D
 Lab Id : PIBLK3D
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL053.RES
 Inject Time : 0416 26Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Handwritten signature and date: 7-16-94

Pk #	RT	Area	Code	nASSng	Name
1	4.61	2279	BV	.001	
2	4.93	5568	VB	.001	
3	6.21	248377	BB	.021	TCX
4	7.74	2458	BB	.001	
5	29.20	294598	BB	.022	DCB

Total Area: 553280

Method File: /DATA/METHOD/INDAB08.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 0941 26Jul1994

**CEIMIC
REPORT PACKAGE 3**

**CEIMIC
CORPORATION**

"Analytical Chemistry for Environmental Management"

July 27, 1994

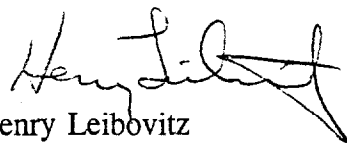
Ms. Theresa Rojas
OHM Remediation Services Corp.
5335 Triangle Parkway
Suite 450
Norcross, GA 30092

Dear Ms. Rojas:

Enclosed is a copy of the data package for the analyses of 20 soil samples which were received at CEIMIC on July 21, 1994. The samples were analyzed under OHM Case No. 16207, SDG No. CLJ2-CSS22(D)(CSS22D).

If you have any questions regarding this data please call.

Sincerely,



Henry Leibovitz
GC Laboratory Manager

HL/jmf

Enclosures

PROJECT NARRATIVE

SDG NARRATIVE

The enclosed data package is in response to OHM Case No. 16207, SDG No. CLJ2-CSS22(D) (CSS22D). Under this SDG, there are 25 Pest analyses for 19 soil samples which were received at CEIMIC on July 21, 1994 from OHM Remediation Services Corp.

This data package includes the analyses for the following samples from SDG No. CLJ2-CSS22(D) (CSS22D):

<u>CLIENT ID</u>	<u>ANALYSIS</u>
CLJ2-CSS22 (D) MS/MSD	Pest
CLJ2-CSS23	Pest
CLJ2-CSS24	Pest
CLJ2-CSS25	Pest
CLJ2-CSS26	Pest
CLJ2-CSS27	Pest
CLJ2-CSS28	Pest
CLJ2-CSS29	Pest
CLJ2-CSS30	Pest
CLJ2-CSS31	Pest
CLJ2-CSS32	Pest
CLJ2-CSS32 (D) MS/MSD	Pest
CLJ2-CSS33	Pest
CLJ2-CSS34	Pest
CLJ2-CSS35	Pest
CLJ2-CSS36	Pest
CLJ2-CSS36 (D) MS/MSD	Pest
CLJ2-CSS37	Pest
CLJ2-CSS38	Pest

The submitted data covers the analysis of the Pesticides (PEST) fraction and its associated blanks and QA/QC. CEIMIC would like to highlight the following points pertaining to the analyses performed for this case:

(2) INSTRUMENTATION AND COLUMN IDENTIFICATION

The following instruments were used for the analyses:

GC ANALYSIS

A. Pest

AD9_1: HP5890 using 30m x 0.53mm ID DB-608 megabore column.

AD8_1: HP5890 using 30m x 0.53mm ID DB-1701 megabore column.

(3) SAMPLE INFORMATION

Additional qualifier: "x"

An "x" qualifier is flagged by Formaster software whenever the data is manually edited.

The letters "M" for GC/MS and "FF" for GC are used on the raw data of the quantitation report whenever a manual integration is performed. These data manipulations are done only to correct for computer integration error.

A. Pest Fraction

Due to high concentrations of pesticides found, GC/MS confirmation analyses were provided for the following samples: CLJ2-CSS22(D), CLJ2-CSS23, CLJ2-CSS26, CLJ2-CSS28, and CLJ2-CSS29.

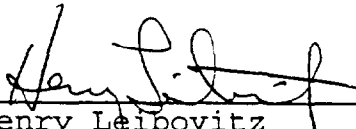
The matrix spike and spike duplicate of CLJ2-CSS22(D) and CLJ2-CSS32(D) required a 1000x dilution due to the high concentration of 4,4'-DDT and 4,4'-DDD in the sample, thereby diluting out the matrix spike compounds.

DEVIATIONS FROM THE SOW

None other than specified above.

End of SDG Narrative

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.


Henry Leibovitz
GC Laboratory Manager

7-27-94
Date

CHAIN OF CUSTODY



OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

No 116050

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

Excavation 2

PROJECT NAME <i>Camp LeJeune 2</i>		PROJECT LOCATION <i>Camp LeJeune NC</i>	
PROJ. NO. <i>16207</i>	PROJECT CONTACT <i>Claudine Bigham</i>	PROJECT TELEPHONE NO. <i>910 451 1809</i>	
CLIENT'S REPRESENTATIVE		PROJECT MANAGER/SUPERVISOR <i>Kent Geis</i>	

NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)	REMARKS
	<i>TCL 8080 and PCBs</i>	

ITEM NO	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED	REMARKS
1	<i>CLT2-CSS31D</i>	<i>7/19/94</i>	<i>0910</i>		X	<i>Camp LeJeune 2 Confirmation Soil Sample 32 Duplicate</i>	1	✓	
2	<i>CLT2-CSS33</i>	<i>7/19/94</i>	<i>0915</i>		X	<i>Camp LeJeune 2 Confirmation Soil Sample 33</i>	1	✓	
3	<i>CLT2-CSS34</i>	<i>7/19/94</i>	<i>0920</i>		X	<i>Camp LeJeune 2 Confirmation Soil Sample 34</i>	1	✓	
4	<i>CLT2-CSS35</i>	<i>7/19/94</i>	<i>0925</i>		X	<i>Camp LeJeune 2 Confirmation Soil Sample 35</i>	1	✓	
5									
6									
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	<i>1-4</i>	<i>[Signature]</i>	<i>Claudine Bigham</i>	<i>7/19/94</i>	<i>1130</i>	<i>TAT: 4/8 hours All Samples Cooked</i>
2						
3	<i>5</i>					
4			<i>[Signature]</i>	<i>7/21/94</i>	<i>1020</i>	SAMPLER'S SIGNATURE



OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

128178

O.H. MATERIALS CORP.		P.O. BOX 551		FINDLAY, OH 45839-0551		419-423-3526		Excavation 3										
PROJECT NAME <i>Camp LeJeune 2</i>				PROJECT LOCATION <i>Camp LeJeune, NC</i>				NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) <i>TC, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</i>									
PROJ. NO. <i>16207</i>		PROJECT CONTACT <i>Camp Claudine Bigham</i>		PROJECT TELEPHONE NO. <i>716 451 1809</i>														
CLIENT'S REPRESENTATIVE <i>US Navy</i>				PROJECT MANAGER/SUPERVISOR <i>Kerri Geis</i>														
ITEM NO	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)												
1	<i>CLJ2-CSS36</i>	<i>7/19/94</i>			X	<i>Camp LeJeune 2 Confirmation Soil Samples 36</i>	1	✓										
2	<i>CLJ2-CSS36D</i>	<i>7/19/94</i>			X	<i>Camp LeJeune 2 Confirmation Soil Sample 36 Duplicate</i>	1	✓										
3	<i>CLJ2-CSS37</i>	<i>7/19/94</i>		X		<i>Camp LeJeune 2 confirmation Soil Sample 37</i>	1	✓										
4	<i>CLJ2-CSS^{CB}</i>	<i>7/19/94</i>			✓													
5	<i>CLJ2-RB02</i>	<i>7/19/94</i>			X	<i>Camp LeJeune Rinsale Blank 02</i>	1	✓										
6	<i>CLJ2-CSS38^{CB}</i>	<i>7/19/94</i>			X	<i>Camp LeJeune 2 Confirmation Soil Sample 38</i> <i>CB</i>	1	✓										
7																		
8																		
9																		
10																		
TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY		TRANSFERS ACCEPTED BY		DATE	TIME	REMARKS										
1	<i>1-5</i>	<i>[Signature]</i>		<i>Claudine Bigham</i>		<i>7/19/94</i>	<i>1700</i>	TAT: 48 hours All Samples Cooled										
2																		
3																		
4				<i>[Signature]</i>		<i>7/21/94</i>	<i>1030</i>	SAMPLER'S SIGNATURE										



OIIM Corporation

CHAIN-OF-CUSTODY RECORD

TRANSFER 3

Form 0019
Field Technical Services
Rev. 08/89

128177

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME <i>Camp Lejeune</i>		PROJECT LOCATION <i>Camp Lejeune, NC</i>	
PROJ. NO. <i>16204</i>	PROJECT CONTACT <i>Claudine Bigham</i>	PROJECT TELEPHONE NO. <i>910 451 1809</i>	
CLIENT'S REPRESENTATIVE		PROJECT MANAGER/SUPERVISOR <i>Kerr Ellis</i>	

NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)										REMARKS <i>Excavation 1</i> <i>fax to 910 451 1809</i>
	TCL 8000 And PCB's										
	/ / / / / / / / / / / /										
	/ / / / / / / / / / / /										
	/ / / / / / / / / / / /										
	/ / / / / / / / / / / /										
	/ / / / / / / / / / / /										
	/ / / / / / / / / / / /										
	/ / / / / / / / / / / /										
	/ / / / / / / / / / / /										

ITEM NO	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED	REMARKS
1	CLJ2-CSS03	7/18/94	1500		X	Camp Lejeune 2 Confirmation Soil Sample 03	1	✓	
2	CLJ2-CSS04	7/18/94	1515		X	Camp Lejeune 2 Confirmation Soil Sample 04	1	✓	
3	CLJ2-CSS06	7/18/94	1517		X	Camp Lejeune 2 Confirmation Soil Sample 06	1	✓	
4	CLJ2-CSS07	7/18/94	1520		X	Camp Lejeune Confirmation Soil Sample 07	1	✓	
5	CLJ2-CSS08	7/18/94	1525		X	Camp Lejeune Confirmation Soil Sample 08	1	✓	
6	CLJ2-CSS09	7/18/94	1530		X	Camp Lejeune Confirmation Soil Sample 09	1	✓	
7	CLJ2-CSS10	7/18/94	1530		X	Camp Lejeune Confirmation Soil Sample 10	1	✓	
8	CLJ2-CSS11	7/18/94	1535		X	Camp Lejeune Confirmation Soil Sample 11	1	✓	
9	CLJ2-CSS12	7/18/94	1540		X	Camp Lejeune Confirmation Soil Sample 12	1	✓	
10	CLJ2-CSS12(D)	7/18/94	1540		X	Camp Lejeune Soil Sample Confirmation 12 Duplicate	1	✓	

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	1-10	<i>[Signature]</i>	Claudine Bigham	7/18/94	1030	<i>TAT: 48 hours</i> <i>All samples cooled</i>
2						
3						
4			<i>[Signature]</i>	7/18/94	1030	



OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

128175

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

Excavation 1

PROJECT NAME Camp LeJeune 2		PROJECT LOCATION Camp LeJeune, NC	
PROJ. NO. 16207	PROJECT CONTACT Claudine Bigham	PROJECT TELEPHONE NO. 910 451 1809	
CLIENT'S REPRESENTATIVE		PROJECT MANAGER/SUPERVISOR Kent Geis	

NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)	REMARKS
	<p>TCL 8080 And PCB's</p> <p>fax results to 910 451 1809</p>	

ITEM NO	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED	REMARKS
1	CLJ2-CSS14	7/18/94	1555		X	Camp LeJeune 2 Confirmation Soil Sample 14	1	✓	
2	CLJ2-CSS15	7/18/94	1600		X	Camp LeJeune 2 Confirmation Soil Sample 15	1	✓	
3	CLJ2-CSS16	7/18/94	1605		X	Camp LeJeune 2 Confirmation Soil Sample 16	1	✓	
4	CLJ2-CSS17	7/18/94	1610		X	Camp LeJeune 2 Confirmation Soil Sample 17	1	✓	
5	CLJ2-CSS18	7/18/94	1615		X	Camp LeJeune 2 Confirmation Soil Sample 18	1	✓	
6	CLJ2-CSS19	7/18/94	1620		X	Camp LeJeune 2 Confirmation Soil Sample 19	1	✓	
7	CLJ2-CSS20	7/18/94	1625		X	Camp LeJeune 2 Confirmation Soil Sample 20	1	✓	
8	CLJ2-CSS21	7/18/94	1630		X	Camp LeJeune 2 Confirmation Soil Sample 21	1	✓	
9	CLJ2-CSS22	7/18/94	1635		X	Camp LeJeune 2 Confirmation Soil Sample 22	1	✓	
10	CLJ2-CSS22(D)	7/18/94	1635		X	Camp LeJeune 2 Confirmation Soil Sample 22 Duplicate	1	✓	

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	1-10	<i>[Signature]</i>	Claudine Bigham	7/19/94	10:15	TAT: 48 hours All samples Cooled
2	7-9					
3	CO					
4			<i>[Signature]</i>	7/18/94	10:30	

SAMPLER'S SIGNATURE *[Signature]*



OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

Nº 116048

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME <i>Camp Lejeune</i>		PROJECT LOCATION <i>Camp Lejeune NC</i>	
PROJ. NO. <i>16267</i>	PROJECT CONTACT <i>Claudine Bigham</i>	PROJECT TELEPHONE NO. <i>910 451 1809</i>	
CLIENT'S REPRESENTATIVE		PROJECT MANAGER/SUPERVISOR <i>Kent Geis</i>	

Excavation 1

NUMBER OF CONTAINERS

ANALYSIS DESIRED
(INDICATE SEPARATE CONTAINERS)
TCL 8080 And PCB'S

fax results to 910 451 1809

ITEM NO	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED	REMARKS
1	<i>CLJ2-CSS13</i>	<i>7/18/94</i>	<i>1545</i>		X	<i>Camp Lejeune 2 Confirmation Soil Sample 13</i>	1	✓	
2	<i>CLJ2-FB01</i>	<i>7/18/94</i>	<i>1705</i>		X	<i>Camp Lejeune 2 Field Blank 01</i>	1	✓	
3	<i>CLJ2-RB01</i>	<i>7/18/94</i>	<i>1710</i>		X	<i>Camp Lejeune 2 Rinse Blank 01</i>	1	✓	
4	<i>CLJ2-CSS38</i>	<i>7/19/94</i>	<i>1330</i>		X	<i>Camp Lejeune 2 Confirmation Soil Sample 38</i>	1	✓	
5									
6									
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	<i>1-4</i>	<i>A. K. W.</i>	<i>Claudine Bigham</i>	<i>7/19/94</i>	<i>1030</i>	<i>TAT: 48 hour all samples cooled</i>
2						
3						
4	<i>10</i>		<i>Domagala</i>	<i>7/19/94</i>	<i>10:30</i>	

SAMPLER'S SIGNATURE
[Signature]

PESTICIDES/PCBS

PESTICIDES/PCBS

a. QC Summary

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

EPA	TCX	1TCX	2DCB	1DCB	2OTHER	1OTHER	TOT
SAMPLE NO.	%REC	#	%REC	#	%REC	#	OUT
	(1)	(2)					
01	PBLK02	94	90	95	96		01
02	PBLK03	110	104	113	113		01
03	CLJ2-CSS23	0D	0D	0D	0D		01
04	CLJ2-CSS24	0D	0D	0D	0D		01
05	CLJ2-CSS25	112	106	135	124		01
06	CLJ2-CSS26	0D	0D	0D	0D		01
07	CLJ2-CSS27	0D	0D	0D	0D		01
08	CLJ2-CSS28	0D	0D	0D	0D		01
09	CLJ2-CSS29	92	88	114	98		01
10	CLJ2-CSS30	0D	0D	0D	0D		01
11	CLJ2-CSS31	0D	0D	0D	0D		01
12	CLJ2-CSS32	0D	0D	0D	0D		01
13	CLJ2-CSS33	0D	0D	0D	0D		01
14	CLJ2-CSS34	91	91	96	96		01
15	CLJ2-CSS35	94	90	116	109		01
16	CLJ2-CSS36	94	91	98	97		01
17	CLJ2-CSS37	0D	0D	0D	0D		01
18	CLJ2-CSS38	0D	0D	0D	0D		01
19	LJ2CSS22D	0D	0D	0D	0D		01
20	CLJ2CSS22DMS	0D	0D	0D	0D		01
21	CLJ2CSS22DMSD	0D	0D	0D	0D		01
22	CLJ2CSS32D	0D	0D	0D	0D		01
23	CLJ2CSS32DMS	0D	0D	0D	0D		01
24	CLJ2CSS32DMSD	0D	0D	0D	0D		01
25	CLJ2CSS36D	94	92	101	101		01
26	CLJ2CSS36DMS	89	88	95	92		01
27	CLJ2CSS36DMSD	90	88	93	94		01

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

ADVISORY
QC LIMITS
(60-150)
(60-150)

*OK
JAW*

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix Spike - EPA Sample No.: (LJ2CSS22D

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
gamma-BHC (Lindane)	20.300	0	0	0 *	146-127
Heptachlor	20.300	0	0	0 *	135-130
Aldrin	20.300	0	0	0 *	134-132
Dieldrin	40.600	0	0	0 *	131-134
Endrin	40.600	0	0	0 *	142-139
4,4'-DDT	40.600	75400	84200	9999 *	123-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	MSD % RPD #	QC LIMITS RPD REC.
gamma-BHC (Lindane)	20.300	0	0 *	0	50 146-127
Heptachlor	20.300	0	0 *	0	31 135-130
Aldrin	20.300	0	0 *	0	43 134-132
Dieldrin	40.600	0	0 *	0	38 131-134
Endrin	40.600	0	0 *	0	45 142-139
4,4'-DDT	40.600	77100	14187 *	82 *	50 123-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 6 outside limits

Spike Recovery: 12 out of 12 outside limits

v due to dilutions
Spike's diluted out. JAW

COMMENTS:

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP

Contract: DHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix Spike - EPA Sample No.: (LJ2CSS32D

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
gamma-BHC (Lindane)	17.300	0	0	0 *	146-127
Heptachlor	17.300	0	0	0 *	135-130
Aldrin	17.300	0	0	0 *	134-132
Dieldrin	34.600	0	0	0 *	131-134
Endrin	34.600	0	0	0 *	142-139
4,4'-DDT	34.600	23300	34300	9999 *	123-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
gamma-BHC (Lindane)	17.300	0	0 *	0	50 146-127
Heptachlor	17.300	0	0 *	0	31 135-130
Aldrin	17.300	0	0 *	0	43 134-132
Dieldrin	34.600	0	0 *	0	38 131-134
Endrin	34.600	0	0 *	0	45 142-139
4,4'-DDT	34.600	15200	-999 *	244 *	50 123-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 6 outside limits

Spike Recovery: 12 out of 12 outside limits

*spikes d. labeled
cont. p. 2*

COMMENTS:

3F
SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix Spike - EPA Sample No.: CLJ2CSS36D

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
gamma-BHC (Lindane)	20.200	0	16.8	83	146-127
Heptachlor	20.200	0	16.8	83	135-130
Aldrin	20.200	0	15.4	76	134-132
Dieldrin	40.500	0	33.5	83	131-134
Endrin	40.500	0	38.3	95	142-139
4,4'-DDT	40.500	24.8	56.0	77	123-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
gamma-BHC (Lindane)	20.200	17.3	86	4	50 146-127
Heptachlor	20.200	17.5	87	5	31 135-130
Aldrin	20.200	15.9	79	4	43 134-132
Dieldrin	40.400	34.4	85	2	38 131-134
Endrin	40.400	39.9	99	4	45 142-139
4,4'-DDT	40.400	64.1	97	23	50 123-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limits

Spike Recovery: 0 out of 12 outside limits

OK

COMMENTS:

4C
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK02

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID: P0721-B2

Lab File ID:

Matrix:(soil/water) SOIL

Extraction:(SepF/Cont/Sonc) SONC

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/21/94

Date Analyzed (1): 07/25/94

Date Analyzed (2): 07/25/94

Time Analyzed (1): 1626

Time Analyzed (2): 1626

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column (1): DB608

ID: 0.53 (mm)

GC Column (2): DB1701

ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	CLJ2-CSS23	940641-22	07/24/94
02	CLJ2-CSS24	940641-23	07/26/94
03	CLJ2-CSS25	940641-24	07/24/94
04	CLJ2-CSS26	940641-25	07/24/94
05	CLJ2-CSS27	940641-26	07/24/94
06	CLJ2-CSS28	940641-27	07/25/94
07	CLJ2-CSS29	940641-28	07/25/94
08	CLJ2-CSS30	940641-29	07/26/94
09	CLJ2-CSS31	940641-30	07/25/94
10	CLJ2-CSS32	940641-31	07/25/94
11	CLJ2-CSS33	940641-33	07/26/94
12	CLJ2-CSS34	940641-34	07/25/94
13	CLJ2-CSS35	940641-35	07/25/94
14	CLJ2-CSS36	940641-36	07/25/94
15	CLJ2CSS22D	940641-21	07/24/94
16	CLJ2CSS32D	940641-32	07/26/94
17	CLJ2CSS22DMS	940641-21MS	07/24/94
18	CLJ2CSS22DMSD	940641-21MSD	07/24/94

COMMENTS:

4C
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK03

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID: P0721-B3

Lab File ID:

Matrix: (soil/water) SOIL

Extraction: (SepF/Cont/Sonc) SONC

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/21/94

Date Analyzed (1): 07/25/94

Date Analyzed (2): 07/25/94

Time Analyzed (1): 1710

Time Analyzed (2): 1710

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column (1): DB608

ID: 0.53 (mm)

GC Column (2): DB1701

ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01 CLJ2-CSS37	940641-38	07/25/94	07/25/94
02 CLJ2-CSS38	940641-39	07/26/94	07/26/94
03 LJ2CSS36D	940641-37	07/25/94	07/25/94
04 LJ2CSS32DMS	940641-32MS	07/25/94	07/25/94
05 LJ2CSS32DMSD	940641-32MSD	07/25/94	07/25/94
06 LJ2CSS36DMS	940641-37MS	07/25/94	07/25/94
07 LJ2CSS36DMSD	940641-37MSD	07/25/94	07/25/94

COMMENTS:

PESTICIDES/PCBS

b. Sample Data

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS23

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-22

Sample wt/vol: 30.2 (g/mL) G

Lab File ID:

% Moisture: 2 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/24/94

Injection Volume: 1.00 (uL)

Dilution Factor: 1000

GPC Cleanup: (Y/N) N

pH: 7.0

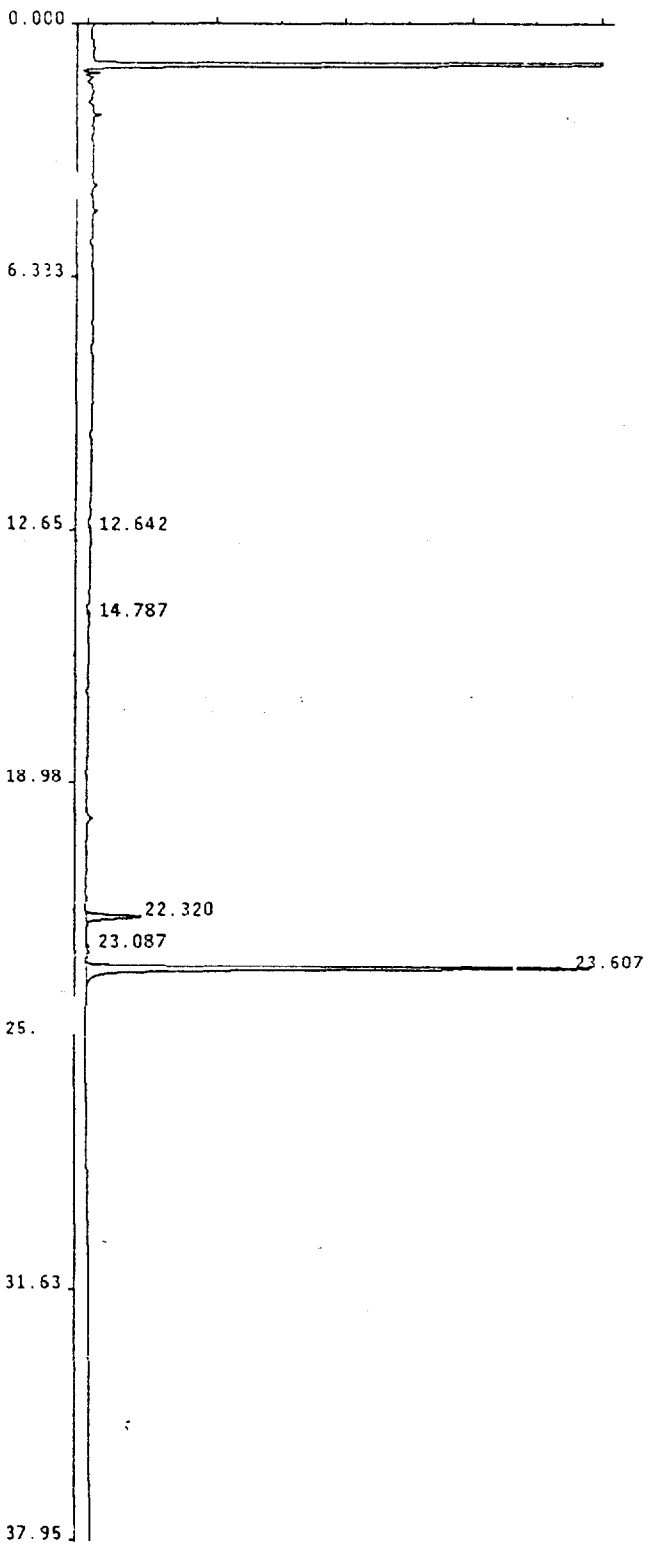
Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	UG/KG	Q
319-84-6	alpha-BHC	1700	IU
319-85-7	beta-BHC	1700	IU
319-86-8	delta-BHC	1700	IU
58-89-9	gamma-BHC (Lindane)	1700	IU
76-44-8	Heptachlor	1700	IU
309-00-2	Aldrin	1700	IU
1024-57-3	Heptachlor epoxide	1700	IU
959-98-8	Endosulfan I	1700	IU
60-57-1	Dieldrin	3300	IU
72-55-9	4,4'-DDE	3300	IU
72-20-8	Endrin	3300	IU
33213-65-9	Endosulfan II	3300	IU
72-54-8	4,4'-DDD	1700	IJP
1031-07-8	Endosulfan sulfate	3300	IU
50-29-3	4,4'-DDT	37000	I
72-43-5	Methoxychlor	17000	IU
53494-70-5	Endrin ketone	3300	IU
7421-93-4	Endrin aldehyde	3300	IU
5103-71-9	alpha-Chlordane	1700	IU
5103-74-2	gamma-Chlordane	1700	IU
8001-35-2	Toxaphene	170000	IU
12674-11-2	Aroclor-1016	33000	IU
11104-28-2	Aroclor-1221	68000	IU
11141-16-5	Aroclor-1232	33000	IU
53469-21-9	Aroclor-1242	33000	IU
12672-29-6	Aroclor-1248	33000	IU
11097-69-1	Aroclor-1254	33000	IU
11096-82-5	Aroclor-1260	33000	IU



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS23 1000X
 Lab Id : 940641-22
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL008.RES
 Inject Time : 1901 24Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

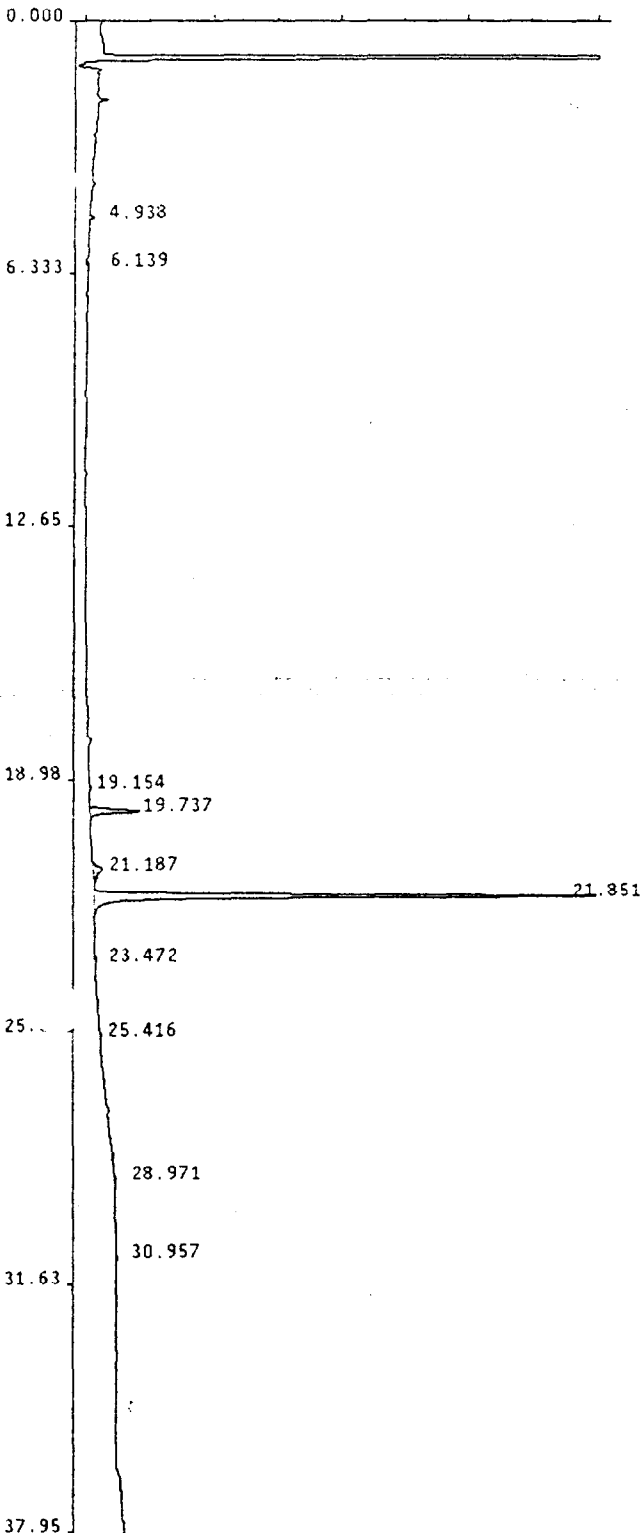
[Handwritten signature]
 7/25/94

Pk #	RT	Area	Code	MASSng	Name
1	12.64	2082	BB	.000	
2	14.79	3421	BB	.000	
3	22.32	75375	BB	.015	
4	23.09	2147	BB	.000	
5	23.61	678896	BB	.110	

ALDRIN *[Handwritten]*
 4,4'-DDT *[Handwritten]*
 4,4'-DDT *[Handwritten]*

Total Area: 761922

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1642 25Jul1994



Geimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS23 1000X
 Lab Id : 940641-22
 Inst Id & Col : A08_1, D01701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL008.RES
 Inject Time : 1901 24Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

Handwritten signature
 7/25/94

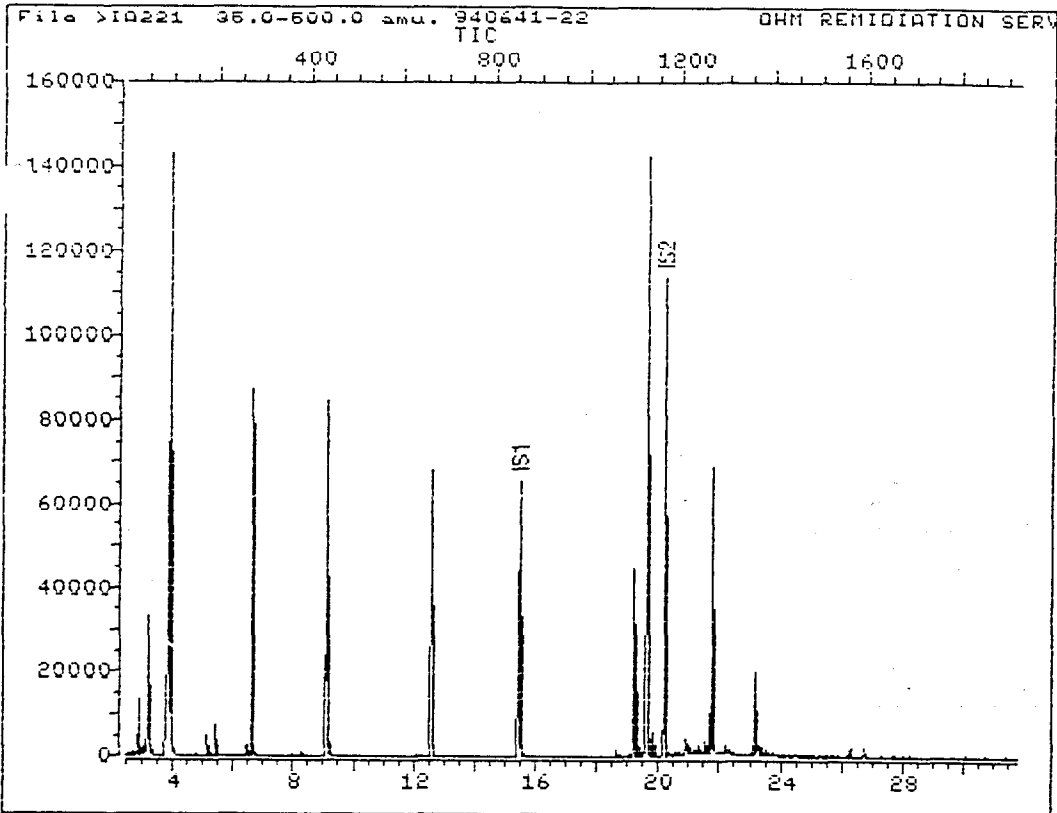
PK #	RT	Area	Code	MASSng	Name
1	4.94	6159	VB	.001	
2	6.14	7232	BB	.002	
3	19.15	2961	BB	.001	
4	19.74	66735	BB	.015	
5	21.19	27780	BB	.005	
6	21.85	675569	BB	.114	
7	23.47	2597	BB	.001	
8	25.42	2715	BB	.001	
9	28.97	10722	BB	.002	
10	30.96	4474	BB	.001	

Handwritten notes:
 equal sm 7/25/94
 4.4'-DDD
 4.4'-DDT

Total Area: 806945

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1657 25Jul1994

TOTAL ION CHROMATOGRAM



Data File: >IA221::D7

Quant Output File: ^IA221::QT

Name: 940641-22

Instrument ID: MS9

Misc: OHM REMEDIATION SERVICE CLJ2-CSS23 SOIL LP

BTL#10

Id File: PESTI2::SC

Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)

Last Calibration: 870609 15:52

Last Qcal Time: 940725 19:46

Operator ID: BNA11

Quant Time : 940726 19:14

Injected at: 940726 01:50

QUANT REPORT

Page 1

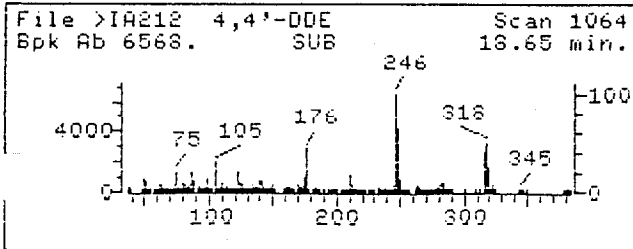
Operator ID: BNA11 Quant Rev: 7 Quant Time: 940726 19:14
Output File: ^IA221::QT Injected at: 940726 01:50
Data File: >IA221::D7 Dilution Factor: 1.00000
Name: 940641-22 Instrument ID: MS9
Mi : OHM REMEDIATION SERVICE CLJ2-CSS23 SOIL LP BTL#10

ID File: PESTI2::SC
Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

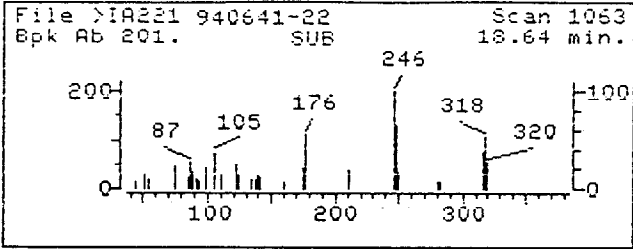
	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*d10-Phenanthrene	15.44	188.0	88334	20.00	ug/L	100
12)	*d12-Chrysene	20.16	240.0	79669	20.00	ug/L	100
13)	4,4'-DDE	18.64	246.0	372	.303	ug/L	98
17)	4,4'-DDD	19.20	235.0	15020	7.97	ug/L	83
20)	4,4'-DDT	19.63	235.0	80326	47.75	ug/L	86

* Compound is ISTD

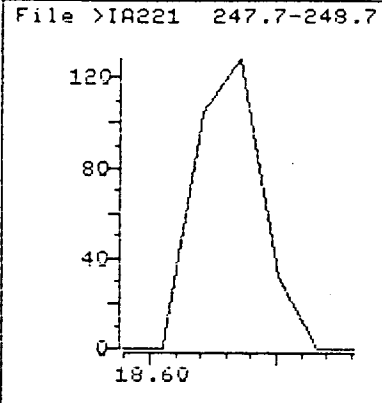
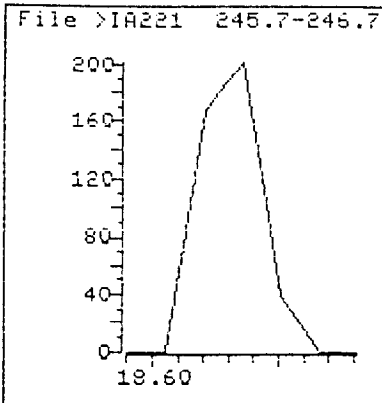
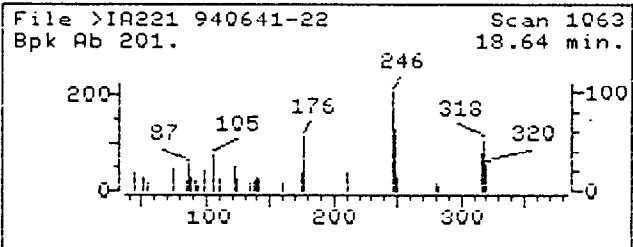
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

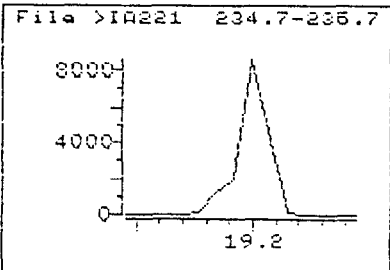
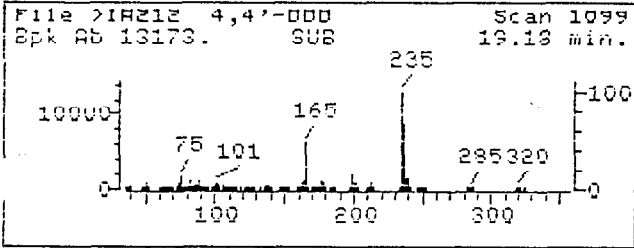


Data File: >IA221::D7
Name: 940641-22
Misc: OHM REMEDIATION SERVICE CLJ2-CSS23 SOIL LP
Quant Time: 940726 19:14
Injected at: 940726 01:50
Last Qcal Time: 940725 19:46

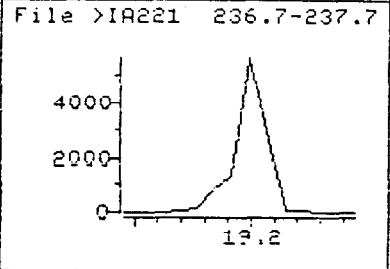
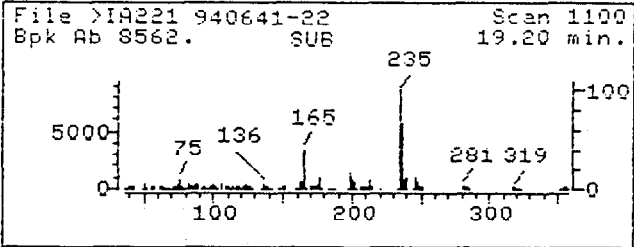
Quant Output File: ^IA221::QT
Instrument ID: MS9
BTL#10
Quant ID File: PESTI2::SC
Last Calibration: 870609 15:52

Compound No : 13
Compound Name : 4,4'-DDE
Scan Number : 1063
Retention Time: 18.64 min.
Quant Ion : 246.0
Area : 372
Concentration : .303 ug/L
q-value : 98

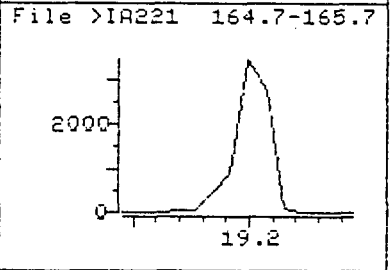
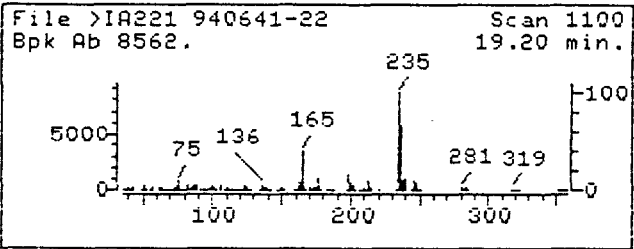
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

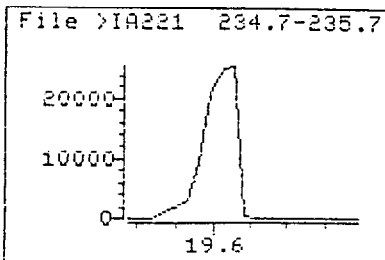
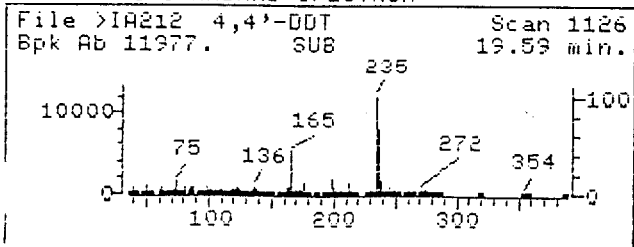


Data File: >IA221::D7
Name: 940641-22
Misc: OHM REMEDIATION SERVICE CLJ2-CSS23 SOIL LF
Quant Time: 940726 19:14
Injected at: 940726 01:50
Last Qcal Time: 940725 19:46

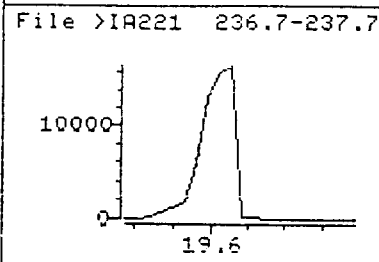
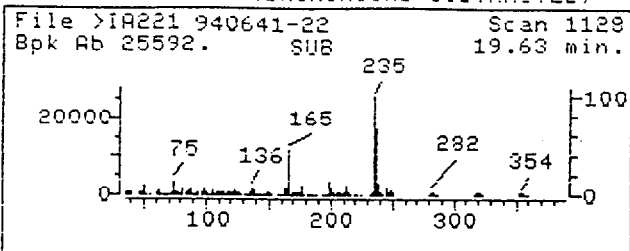
Quant Output File: ^IA221::QT
Instrument ID: MS9
BTL#10
Quant ID File: PEST12::SC
Last Calibration: 870609 15:52

Compound No : 17
Compound Name : 4,4'-DDD
Scan Number : 1100
Retention Time: 19.20 min.
Quant Ion : 235.0
Area : 15020
Concentration : 7.97 ug/L
q-value : 83

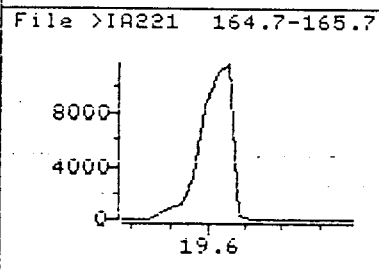
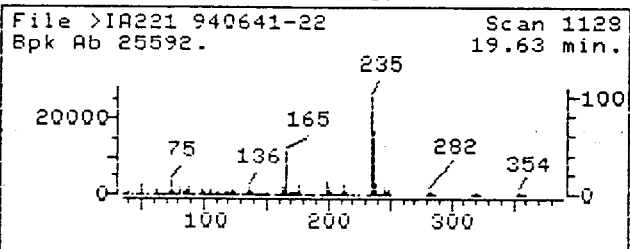
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

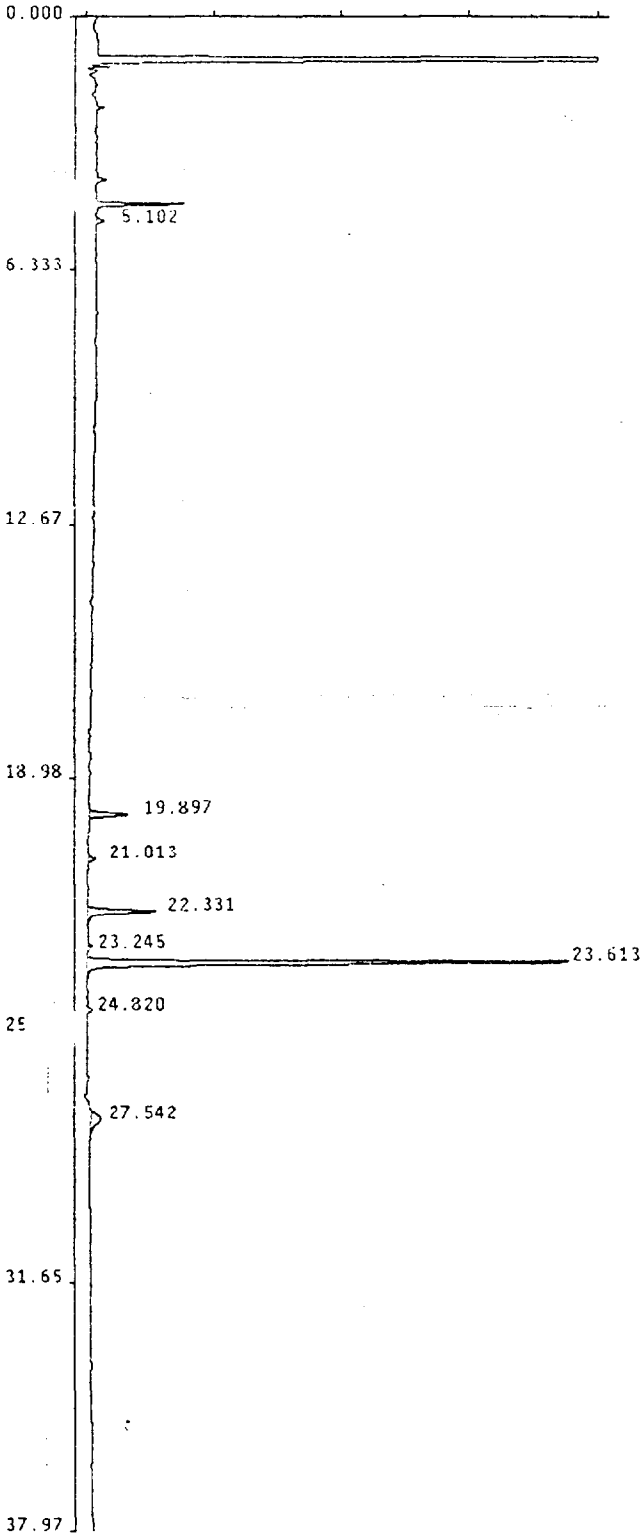


Data File: >IA221::D7
Name: 940641-22
Misc: OHM REMEDIATION SERVICE CLJ2-CSS23 SOIL LP
Quant Time: 940726 19:14
Injected at: 940726 01:50
Last Qcal Time: 940725 19:46

Quant Output File: ^IA221::QT
Instrument ID: MS9
Quant ID File: PESTI2::SC
Last Calibration: 870609 15:52

Compound No : 20
Compound Name : 4,4'-DDT
Scan Number : 1128
Retention Time: 19.63 min.
Quant Ion : 235.0
Area : 80326
Concentration : 47.75 ug/L
q-value : 86

Ceimic Corporation Pest/PCB Report



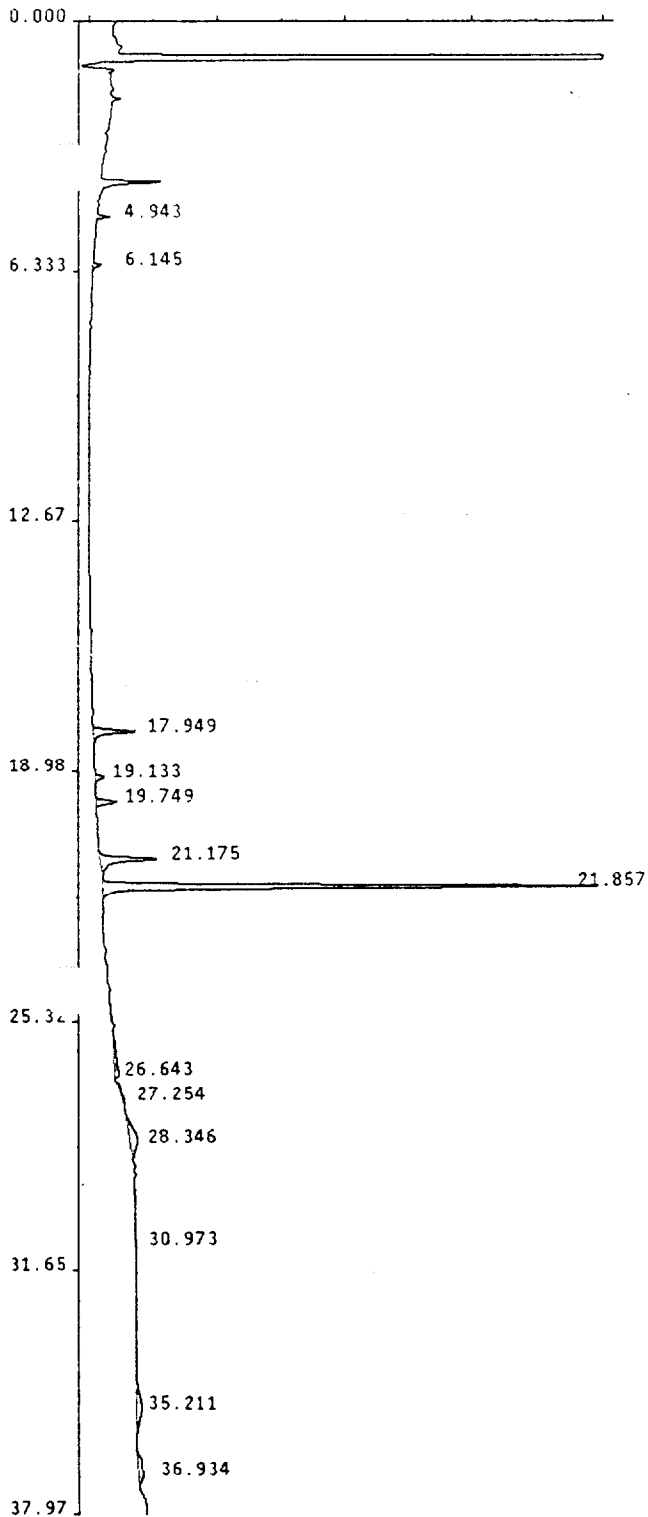
Sample Name : CLJ2-CSS24 DF=400
 Lab Id : 940641-23 DF=400
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JUL055.RES
 Inject Time : 0545 26Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

SM
7/26/94

PK #	RT	Area	Code	MASSng	Name
1	5.10	5068	BB	.001	
2	19.90	32459	BB	.004	4,4'-DDE
3	21.01	5837	BB	.001	
4	22.33	60614	BB	.012	4,4'-DDD
5	23.25	3131	BB	.001	
6	23.61	392516	BB	.064	4,4'-DDT
7	24.82	4036	BB	.001	
8	27.54	22670	BB	.005	

Total Area: 526331

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1147 26Jul1994



Sample Name : CLJ2-CSS24 DF=400
 Lab Id : 940641-23 DF=400
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S8P24JUL055.RES
 Inject Time : 0545 26Ju11994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

Pk #	RT	Area	Code	HASSng	Name
1	4.94	8095	VB	.002	
2	6.15	5880	BB	.001	
3	17.95	37542	BB	.004	4,4'-DDE
4	19.13	7783	BB	.002	
5	19.75	17159	BB	.004	
6	21.18	59475	BB	.011	4,4'-DDD
7	21.86	376340	BB	.063	4,4'-DDT
8	26.64	18561	BB	.004	
9	27.25	7520	BB	.002	
10	28.35	35878	BB	.008	
11	30.97	3285	BB	.001	
12	35.21	29650	BB	.007	
13	36.93	20799	BB	.005	

SM 7/26/94

4,4'-DDE
 4,4'-DDD
 4,4'-DDT

Total Area: 627967

Method File: /DATA/METHOD/INDA808.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1148 26Ju11994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS25

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-24

Sample wt/vol: 30.2 (g/mL) G

Lab File ID:

% Moisture: 6 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/24/94

Injection Volume: 1.00 (uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

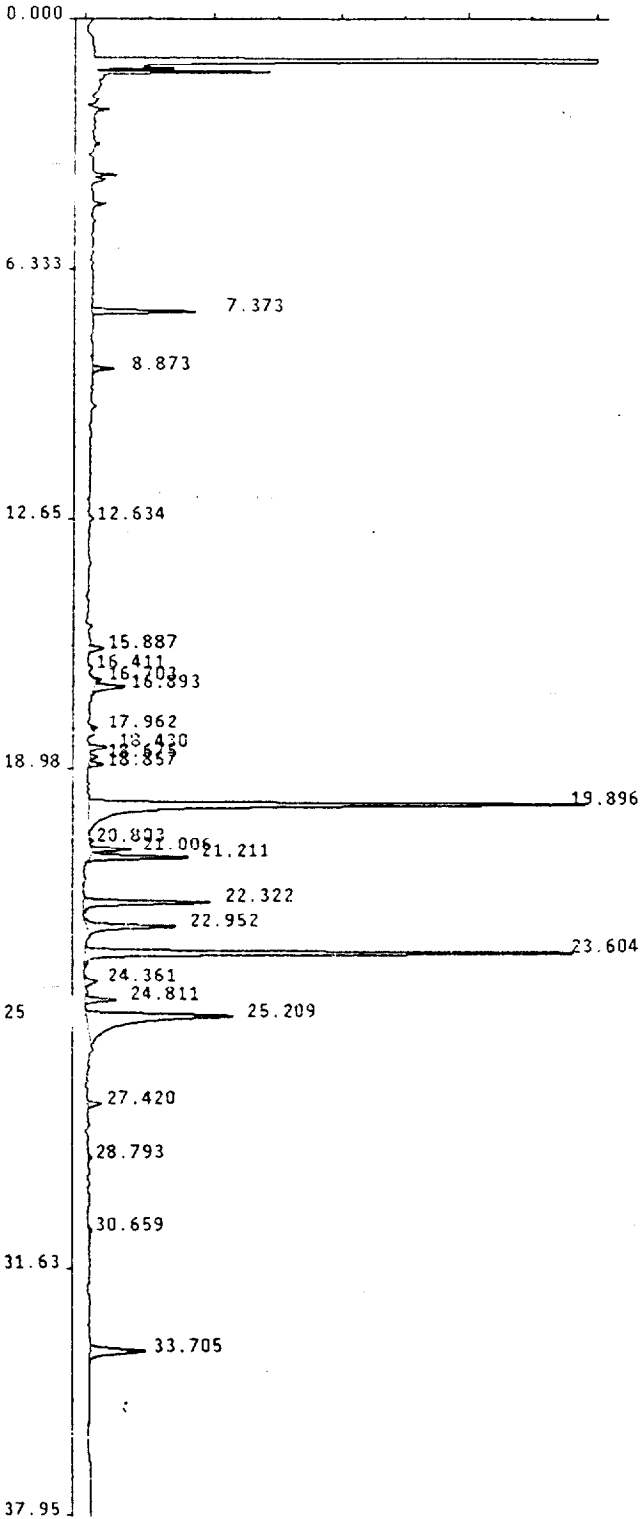
(ug/L or ug/Kg) UG/KG

Q

CAS NO.

COMPOUND

CAS NO.	COMPOUND	UG/KG	Q
319-84-6	alpha-BHC	18	IU
319-85-7	beta-BHC	18	IU
319-86-8	delta-BHC	18	IU
58-89-9	gamma-BHC (Lindane)	18	IU
76-44-8	Heptachlor	18	IU
309-00-2	Aldrin	18	IU
1024-57-3	Heptachlor epoxide	18	IU
959-98-8	Endosulfan I	18	IU
60-57-1	Dieldrin	35	IU
72-55-9	4,4'-DDE	87	IP
72-20-8	Endrin	35	IU
33213-65-9	Endosulfan II	35	IU
72-54-8	4,4'-DDD	48	IU
1031-07-8	Endosulfan sulfate	35	IU
50-29-3	4,4'-DDT	160	IU
72-43-5	Methoxychlor	180	IU
53494-70-5	Endrin ketone	35	IU
7421-93-4	Endrin aldehyde	35	IU
5103-71-9	alpha-Chlordane	18	IU
5103-74-2	gamma-Chlordane	18	IU
8001-35-2	Toxaphene	1800	IU
12674-11-2	Aroclor-1016	350	IU
11104-28-2	Aroclor-1221	710	IU
11141-16-5	Aroclor-1232	350	IU
53469-21-9	Aroclor-1242	350	IU
12672-29-6	Aroclor-1248	350	IU
11097-69-1	Aroclor-1254	350	IU
11096-82-5	Aroclor-1260	350	IU



Geimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS25 10X
 Lab Id : 940641-24
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL010.RES
 Inject Time : 2030 24Ju11994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	7.37	46719	BB	.004	TCX
2	8.87	10543	BB	.002	
3	12.63	2852	BB	.001	
4	15.89	8618	BB	.002	
5	16.41	2401	BB	.001	
6	16.70	2969	BB	.001	
7	16.89	21022	BB	.005	
8	17.96	2871	BB	.000	G. CHLORDANE
9	18.43	9665	BB	.002	
10	18.67	3956	BB	.000	A. CHLORDANE
11	18.86	7432	BB	.002	
12	19.90	367482	BB	.046	4,4'-DDE
13	20.80	2238	BB	.000	
14	21.01	20741	BB	.005	
15	21.21	53535	BB	.012	
16	22.32	75759	BB	.015	4,4'-DDD
17	22.95	62479	BB	.014	
18	23.60	284255	BB	.046	4,4'-DDT
19	24.36	9731	BB	.002	
20	24.81	17596	BB	.004	
21	25.21	192127	BB	.042	
22	27.42	8596	BB	.002	METHOXYCHLOR
23	28.79	2353	BB	.001	
24	30.66	3097	BB	.001	
25	33.70	53057	BB	.005	DCB

Handwritten signature
7/25/94

Handwritten signature
7/25/94

4,4'-DDE

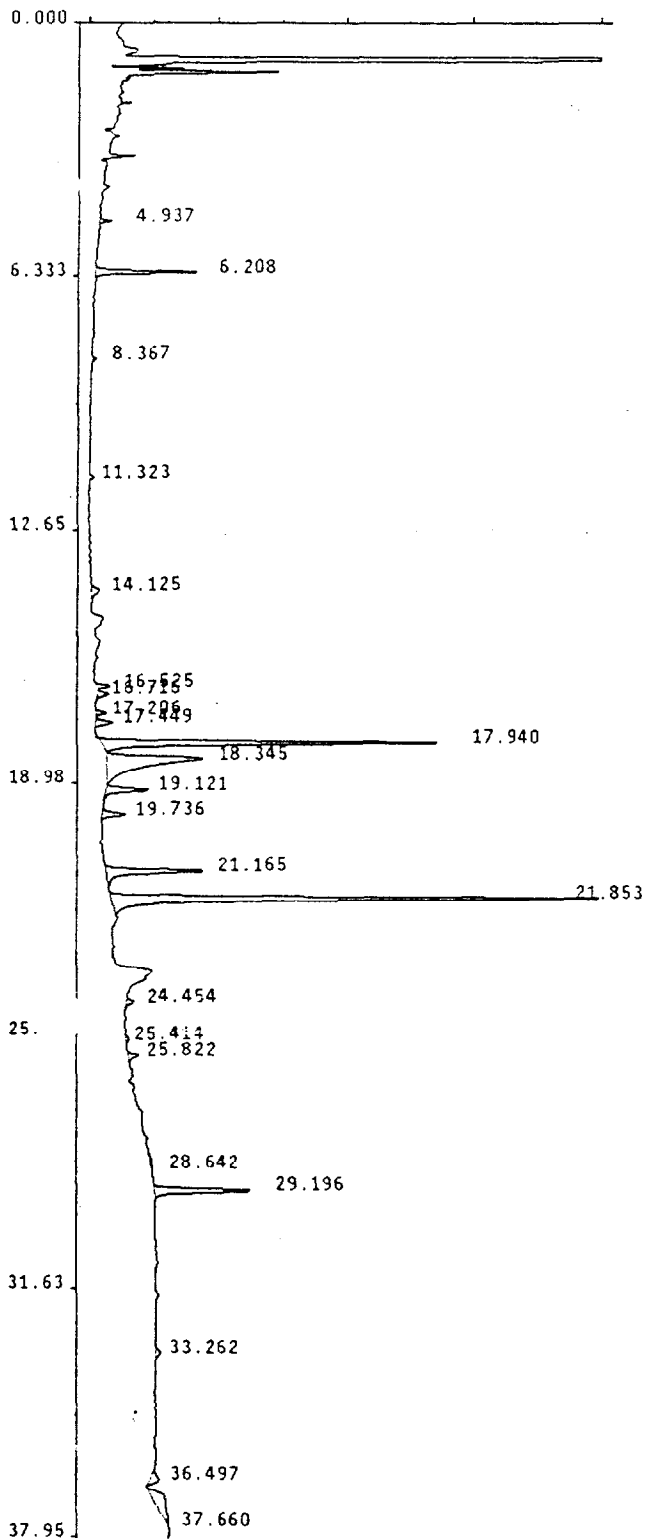
4,4'-DDD

4,4'-DDT

Handwritten signature
7/25/94

Total Area: 1272092

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1644 25Ju11994



Sample Name : CLJ2-CSS25 10X
 Lab Id : 940641-24
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL010.RES
 Inject Time : 2030 24Jul1994
 Run Status : RunStatusOK

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.94	5062	VB	.001	
2	6.21	49228	BB	.004	TCX
3	8.37	2896	BB	.001	
4	11.32	2228	BB	.000	
5	14.13	9237	BB	.002	
6	16.52	7061	BB	.002	
7	16.72	8348	BB	.002	
8	17.21	5170	BB	.000	G. CHLORDANE
9	17.45	12732	BB	.001	A. CHLORDANE
10	17.94	216076	BB	.025	4,4'-DDE
11	18.35	155274	BB	.034	
12	19.12	29557	BB	.006	
13	19.74	14444	BB	.003	
14	21.16	75959	BB	.014	4,4'-DDD
15	21.85	342301	BB	.058	4,4'-DDT
16	24.45	4852	BB	.001	METHOXYCHLOR
17	25.41	2512	BB	.001	
18	25.82	7892	BB	.001	ENDRIN KETON
19	28.64	2835	BB	.001	
20	29.20	66498	BB	.005	DCB
21	33.26	6219	BB	.001	
22	36.50	12131	BB	.003	
23	37.66	43052	BB	.009	

Total Area: 1081565

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1705 25Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS26

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-25

Sample wt/vol: 30.1 (g/mL) G

Lab File ID:

% Moisture: 4 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/24/94

Injection Volume: 1.00 (uL)

Dilution Factor: 5000

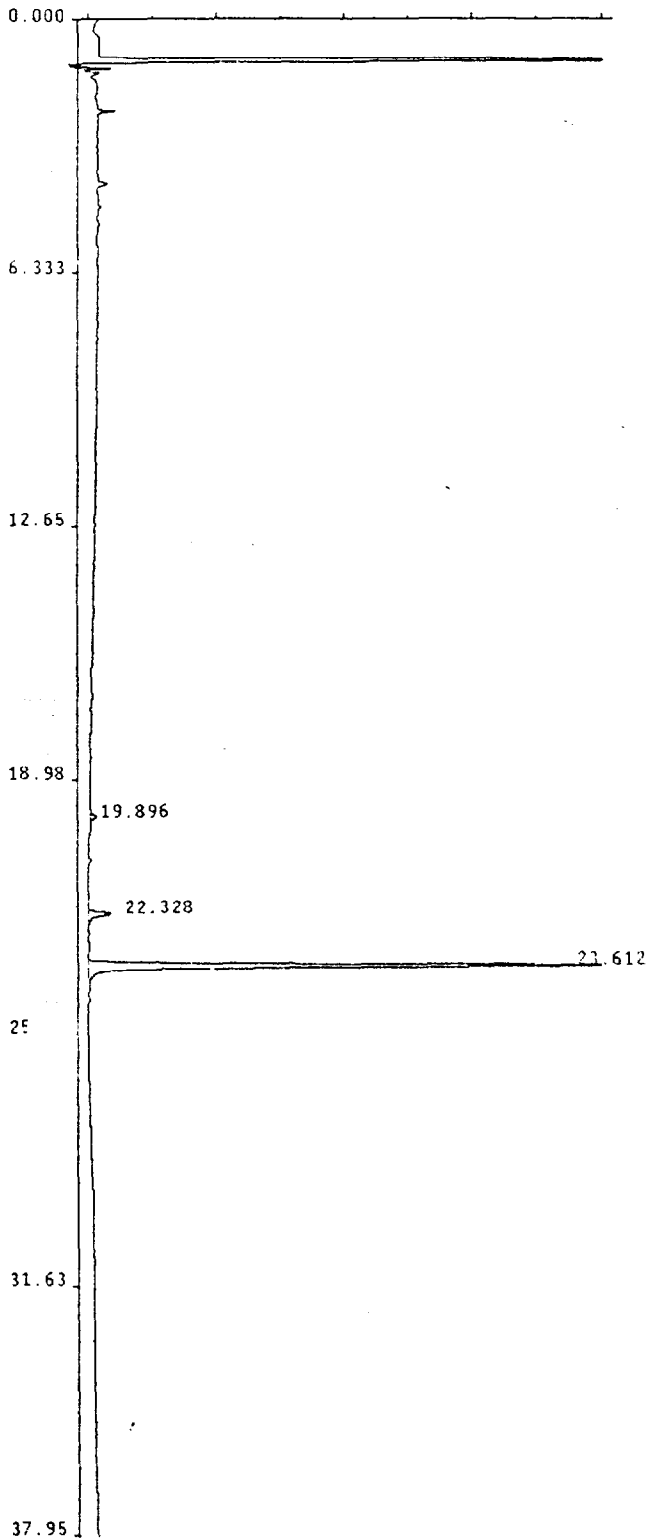
GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	8800	IU
319-85-7	beta-BHC	8800	IU
319-86-8	delta-BHC	8800	IU
58-89-9	gamma-BHC (Lindane)	8800	IU
76-44-8	Heptachlor	8800	IU
309-00-2	Aldrin	8800	IU
1024-57-3	Heptachlor epoxide	8800	IU
959-98-8	Endosulfan I	8800	IU
60-57-1	Dieldrin	17000	IU
72-55-9	4,4'-DDE	17000	IU
72-20-8	Endrin	17000	IU
33213-65-9	Endosulfan II	17000	IU
72-54-8	4,4'-DDD	4400	IJP
1031-07-8	Endosulfan sulfate	17000	IU
50-29-3	4,4'-DDT	93000	I
72-43-5	Methoxychlor	88000	IU
53494-70-5	Endrin ketone	17000	IU
7421-93-4	Endrin aldehyde	17000	IU
5103-71-9	alpha-Chlordane	8800	IU
5103-74-2	gamma-Chlordane	8800	IU
8001-35-2	Toxaphene	880000	IU
12674-11-2	Aroclor-1016	170000	IU
11104-28-2	Aroclor-1221	350000	IU
11141-16-5	Aroclor-1232	170000	IU
53469-21-9	Aroclor-1242	170000	IU
12672-29-6	Aroclor-1248	170000	IU
11097-69-1	Aroclor-1254	170000	IU
11096-82-5	Aroclor-1260	170000	IU



Sample Name : CLJ2-CSS26 5000X
 Lab Id : 940641-25
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JUL011.RES
 Inject Time : 2114 24Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

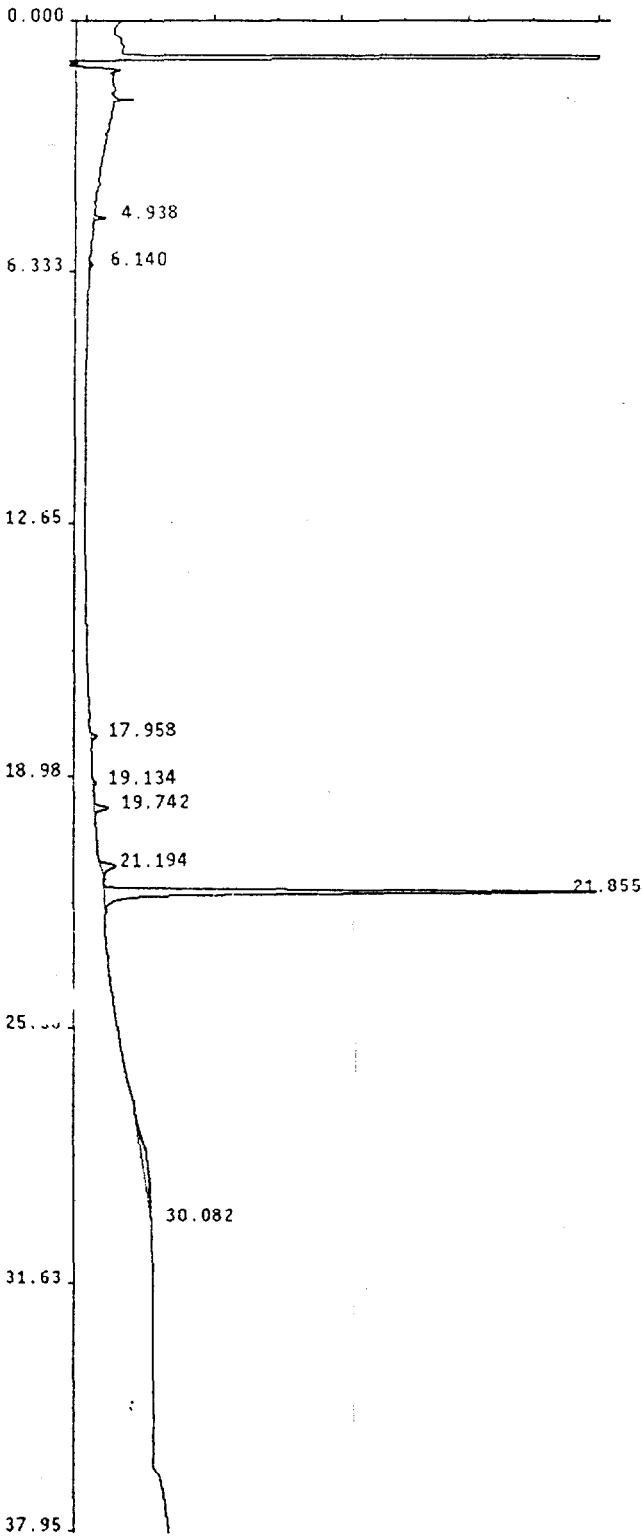
J
7/25/94

Pk #	RT	Area	Code	MASSng	Name
1	19.90	4033	88	.001	4,4'-DDE
2	22.33	18160	88	.004	4,4'-DDD
3	23.61	339861	88	.055	4,4'-DDT

7/25/94
Small sm 7/26/94

Total Area: 362054

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1647 25Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS26 5000X
 Lab Id : 940641-25
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL011.RES
 Inject Time : 2114 24Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

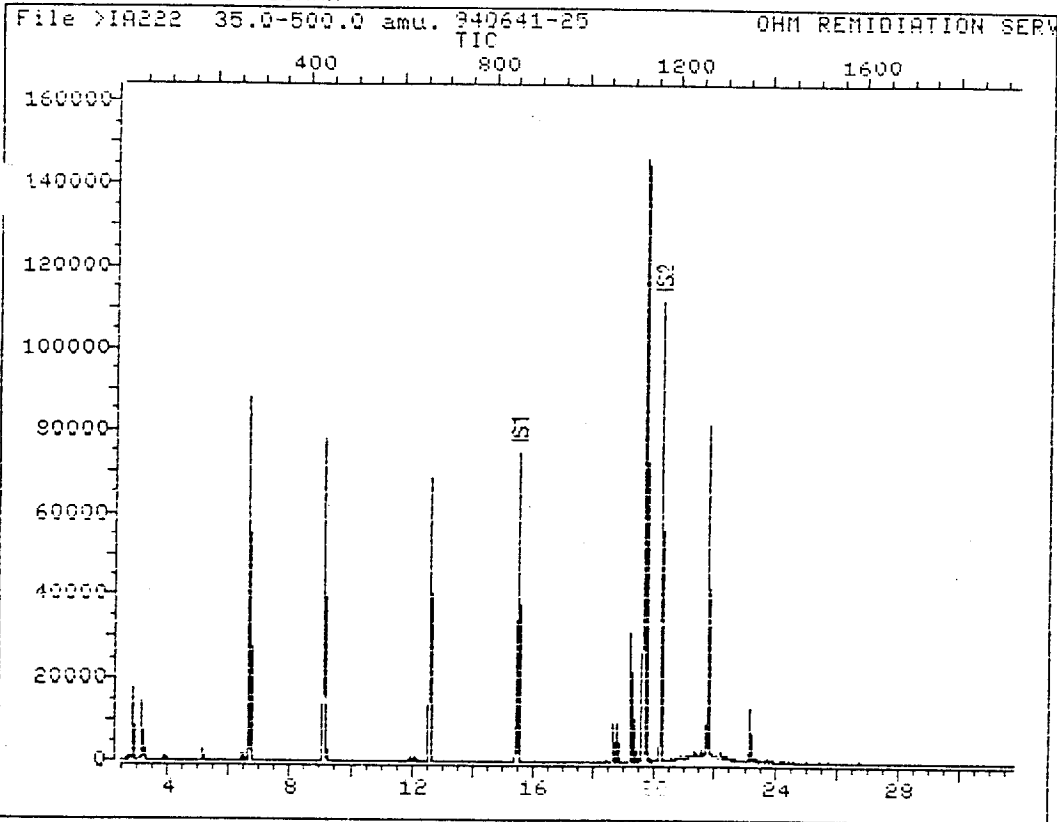
Pk #	RT	Area	Code	MASSng	Name
1	4.94	5517	VB	.001	
2	6.14	2461	BB	.001	
3	17.96	3475	BB	.000	4,4'-DDE
4	19.13	2084	BB	.000	
5	19.74	8690	BB	.002	
6	21.19	14101	BB	.003	4,4'-DDD
7	21.86	319673	BB	.054	4,4'-DDT
8	30.08	46083	BB	.010	

Total Area: 402085

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1708 25Jul1994

J
 7/25/94
 4,4'-DDE
 4,4'-DDD
 4,4'-DDT
 sm 7/26/94

TOTAL ION CHROMATOGRAM



Data File: >IA222::D7

Quant Output File: ^IA222::QT

Name: 940641-25

Instrument ID: MS9

Misc: OHM REMEDIATION SERVICE CLJ2-CSS26 SOIL LP

BTL#11

Id File: PESTI2::SC

Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)

Last Calibration: 870609 15:52

Last Qcal Time: 940725 19:46

Operator ID: BNA11

Quant Time : 940726 19:15

Injected at: 940726 02:31

QUANT REPORT

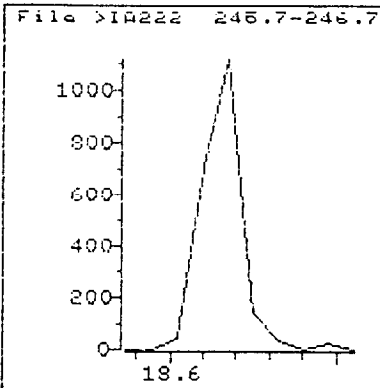
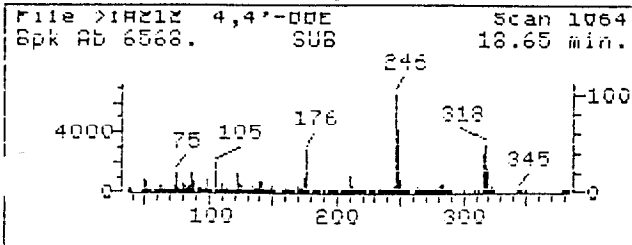
Operator ID: BNA11 Quant Rev: 7 Quant Time: 940726 19:15
 Output File: ^IA222::QT Injected at: 940726 02:31
 Data File: >IA222::D7 Dilution Factor: 1.00000
 Name: 940641-25 Instrument ID: MS9
 M : OHM REMEDIATION SERVICE CLJ2-CSS26 SOIL LP BTL#11

ID File: PESTI2::SC
 Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
 Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

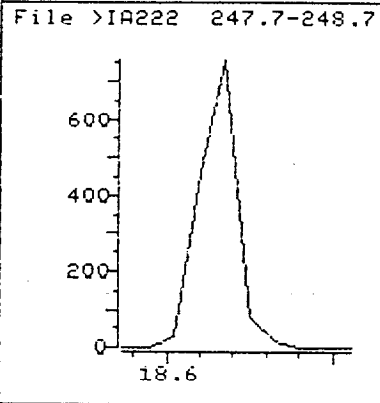
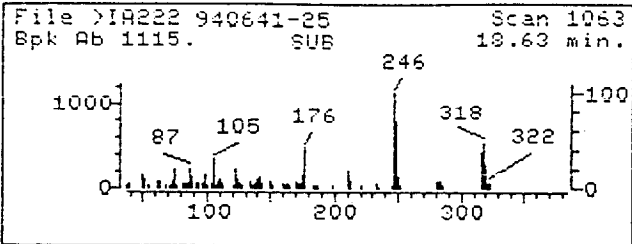
Compound	R.T.	Q ion	Area	Conc	Units	q
1) *d10-Phenanthrene	15.46	188.0	72592	20.00	ug/L	100
12) *d12-Chrysene	20.16	240.0	68025	20.00	ug/L	100
13) 4,4'-DDE	18.63	246.0	1865	1.78	ug/L	96
17) 4,4'-DDD	19.20	235.0	12818	7.96	ug/L	82
20) 4,4'-DDT	19.63	235.0	125027	87.04	ug/L	86

* Compound is ISTD

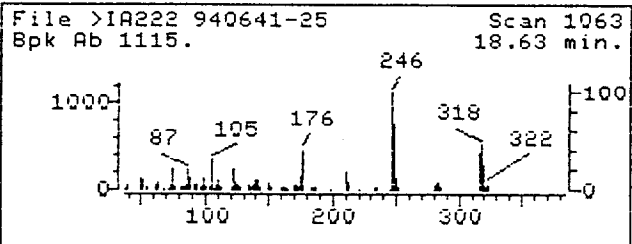
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

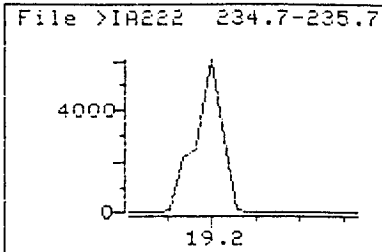
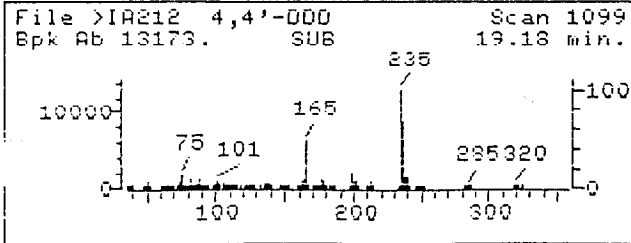


Data File: >IA222::D7
Name: 940641-25
Misc: OHM REMEDIATION SERVICE CLJ2-CSS26 SOIL LP
Quant Time: 940726 19:15
Injected at: 940726 02:31
Last Qcal Time: 940725 19:46

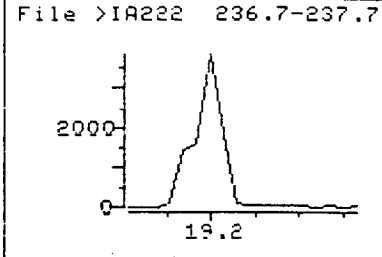
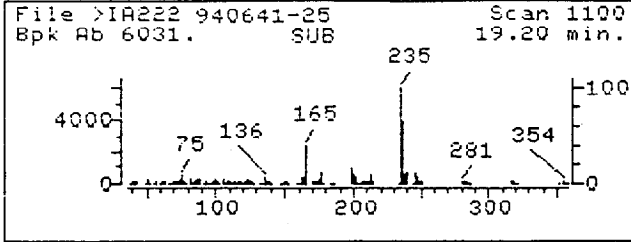
Quant Output File: ^IA222::QT
Instrument ID: MS9
BTL#11
Quant ID File: PESTI2::SC
Last Calibration: 870609 15:52

Compound No : 13
Compound Name : 4,4'-DDE
Scan Number : 1063
Retention Time: 18.63 min.
Quant Ion : 246.0
Area : 1865
Concentration : 1.78 ug/L
q-value : 96

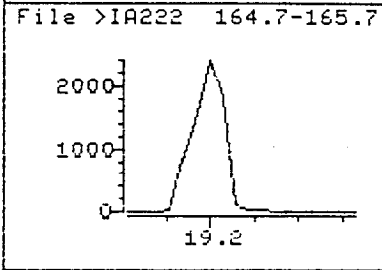
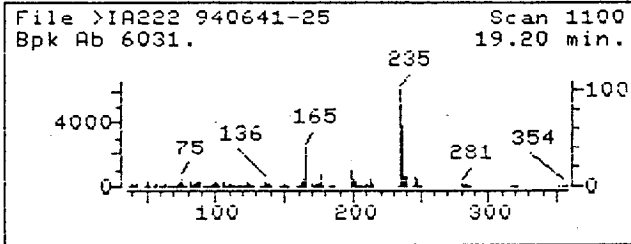
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

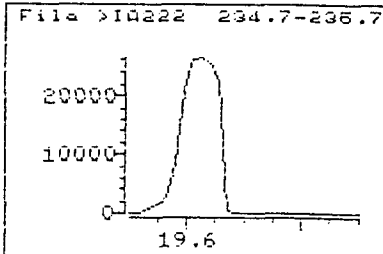
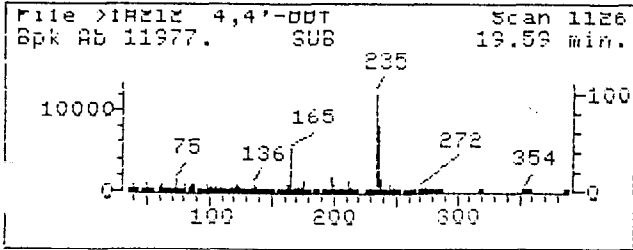


Data File: >IA222::D7
Name: 940641-25
Misc: OHM REMEDIATION SERVICE CLJ2-CSS26 SOIL LP
Quant Time: 940726 19:15
Injected at: 940726 02:31
Last Qcal Time: 940725 19:46

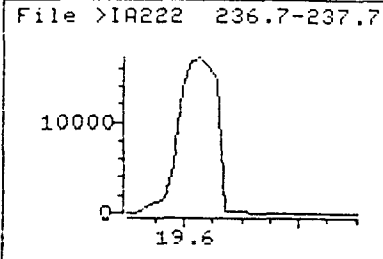
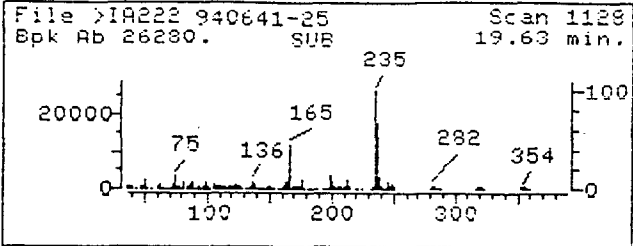
Quant Output File: ^IA222::QT
Instrument ID: MS9
BTL#11
Quant ID File: PESTI2::SC
Last Calibration: 870609 15:52

Compound No : 17
Compound Name : 4,4'-DDD
Scan Number : 1100
Retention Time: 19.20 min.
Quant Ion : 235.0
Area : 12818
Concentration : 7.96 ug/L
q-value : 82

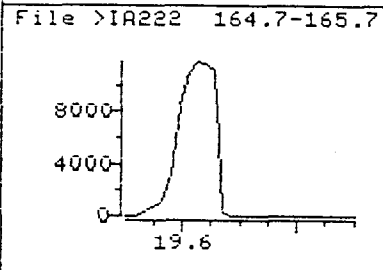
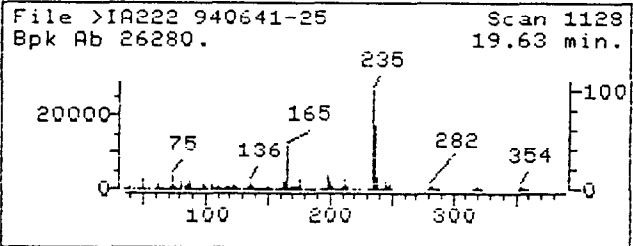
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >IA222::D7
Name: 940641-25
Misc: OHM REMEDIATION SERVICE CLJ2-CSS26 SOIL LP
Quant Time: 940726 19:15
Injected at: 940726 02:31
Last Qcal Time: 940725 19:46

Quant Output File: ^IA222::QT
Instrument ID: MS9
BTL#11
Quant ID File: PEST12::SC
Last Calibration: 870609 15:52

Compound No : 20
Compound Name : 4,4'-DDT
Scan Number : 1128
Retention Time: 19.63 min.
Quant Ion : 235.0
Area : 125027
Concentration : 87.04 ug/L
q-value : 86

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS27

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-26

Sample wt/vol: 30.1 (g/mL) G

Lab File ID:

% Moisture: 14 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/24/94

Injection Volume: 1.00 (uL)

Dilution Factor: 200

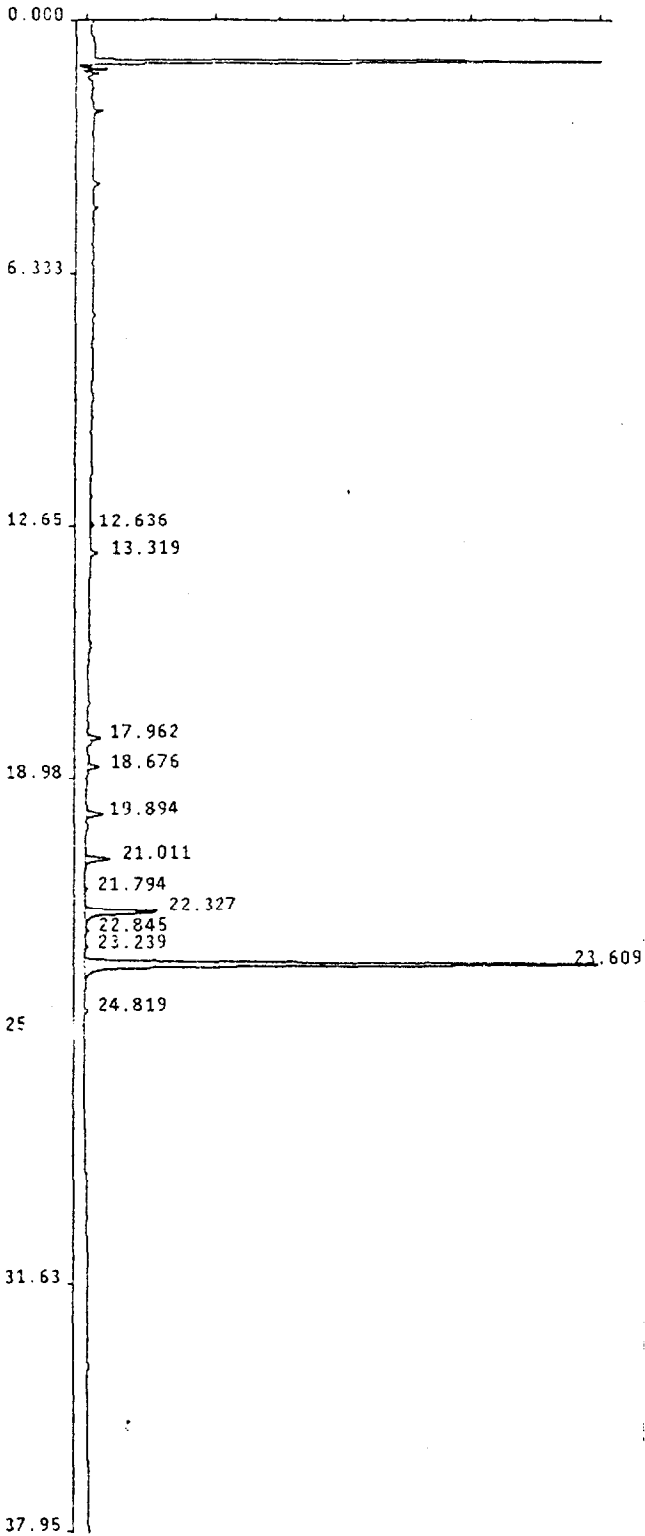
GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-84-6-----	alpha-BHC	390	IU
319-85-7-----	beta-BHC	390	IU
319-86-8-----	delta-BHC	390	IU
58-89-9-----	gamma-BHC (Lindane)	390	IU
76-44-8-----	Heptachlor	46	IJ
309-00-2-----	Aldrin	390	IU
1024-57-3-----	Heptachlor epoxide	390	IU
959-98-8-----	Endosulfan I	390	IU
60-57-1-----	Dieldrin	760	IU
72-55-9-----	4,4'-DDE	140	IJ
72-20-8-----	Endrin	760	IU
33213-65-9-----	Endosulfan II	760	IU
72-54-8-----	4,4'-DDD	1000	I
1031-07-8-----	Endosulfan sulfate	760	IU
50-29-3-----	4,4'-DDT	6200	I
72-43-5-----	Methoxychlor	3900	IU
53494-70-5-----	Endrin ketone	760	IU
7421-93-4-----	Endrin aldehyde	760	IU
5103-71-9-----	alpha-Chlordane	80	IJP
5103-74-2-----	gamma-Chlordane	70	IJ
8001-35-2-----	Toxaphene	39000	IU
12674-11-2-----	Aroclor-1016	7600	IU
11104-28-2-----	Aroclor-1221	16000	IU
11141-16-5-----	Aroclor-1232	7600	IU
53469-21-9-----	Aroclor-1242	7600	IU
12672-29-6-----	Aroclor-1248	7600	IU
11097-69-1-----	Aroclor-1254	7600	IU
11096-82-5-----	Aroclor-1260	7600	IU



Sample Name : CLJ2-CSS27 200X
 Lab Id : 940641-26
 Inst Id & Col : AD9_1, 08608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL012.RES
 Inject Time : 2159 24Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

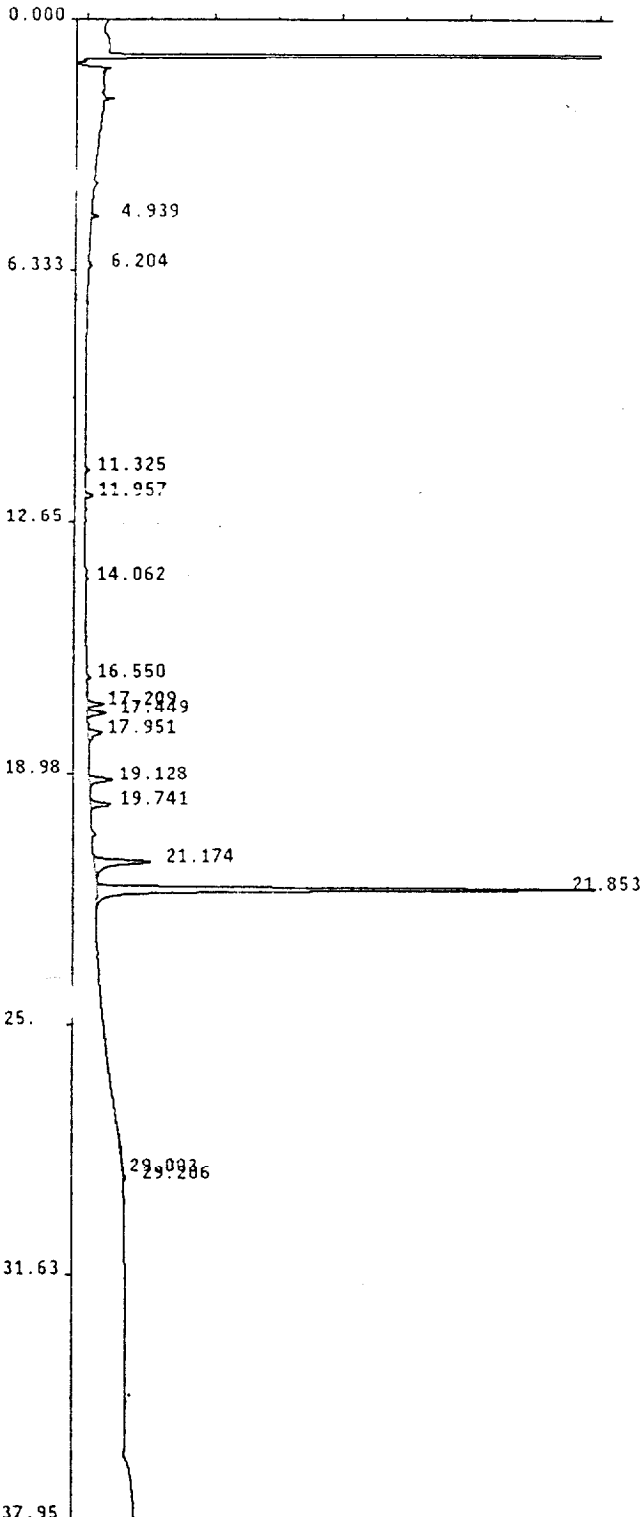
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	12.64	4073	BB	.001	
2	13.32	7121	BB	.001	
3	17.96	9547	BB	.001	
4	18.68	9949	BB	.001	
5	19.89	14859	BB	.002	
6	21.01	25682	BB	.006	
7	21.79	2098	BB	.000	
8	22.33	81361	BB	.016	4,4'-DDD
9	22.84	2787	BB	.001	
10	23.24	2042	BB	.000	
11	23.61	498165	BB	.081	4,4'-DDT
12	24.82	4192	BB	.001	

Handwritten notes:
 7/25/94
 HEPTACHLOR
 G. CHLORDANE
 A. CHLORDANE
 4,4'-DDE
 4,4'-DDD
 4,4'-DDT

Total Area: 661877

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1652 25Jul1994



Sample Name : CLJ2-CSS27 200X
 Lab Id : 940641-26
 Inst Id & Col : AD8_1, D81701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL012.RES
 Inject Time : 2159 24Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.94	4668	V8	.001	
2	6.20	3286	B8	.000	TCX
3	11.33	3861	B8	.001	
4	11.96	7324	B8	.001	
5	14.06	2384	B8	.001	
6	16.55	2973	B8	.001	
7	17.21	13470	B8	.001	
8	17.45	19147	B8	.002	
9	17.95	20322	B8	.002	
10	19.13	27029	B8	.006	
11	19.74	20579	B8	.005	
12	21.17	74922	B8	.013	
13	21.85	479875	B8	.081	
14	29.00	9875	B8	.002	
15	29.21	2402	B8	.000	

Handwritten notes:
 7/25/94
 HEPTACHLOR
 G. CHLORDANE
 A. CHLORDANE
 4,4'-DDE
 4,4'-DDD
 4,4'-DDT
 DDB
 7/25/94

Total Area: 692118

Method File: /DATA/METHOD/INDAB08.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1710 25Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS28

Lab Name: CEIMIC CORP

Contract: OHM

b Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-27

Sample wt/vol: 30.3 (g/mL) G

Lab File ID:

% Moisture: 8 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL)

Dilution Factor: 1000

GPC Cleanup: (Y/N) N

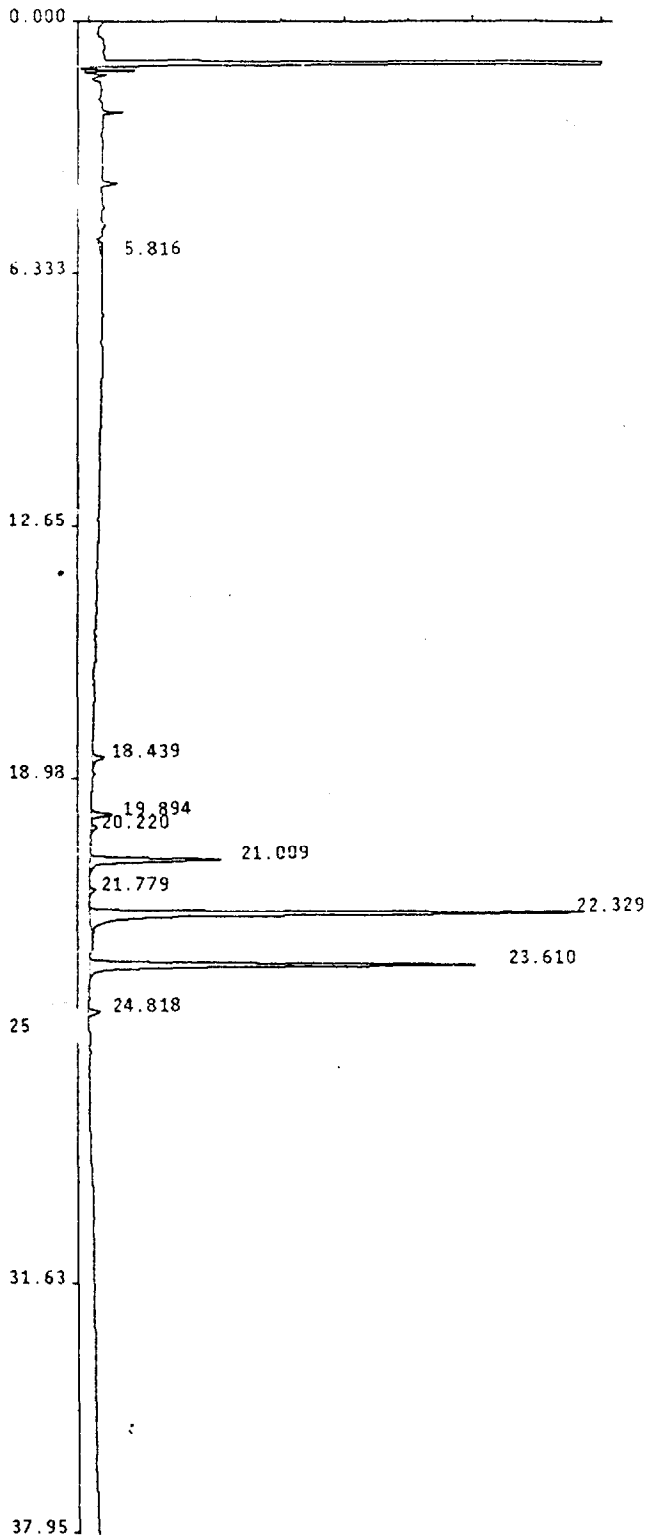
pH: 7.0

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1800	IU
319-85-7	beta-BHC	1800	IU
319-86-8	delta-BHC	1800	IU
58-89-9	gamma-BHC (Lindane)	1800	IU
76-44-8	Heptachlor	1800	IU
309-00-2	Aldrin	1800	IU
1024-57-3	Heptachlor epoxide	1800	IU
959-98-8	Endosulfan I	1800	IU
60-57-1	Dieldrin	3600	IU
72-55-9	4,4'-DDE	480	IJ
72-20-8	Endrin	3600	IU
33213-65-9	Endosulfan II	3600	IU
72-54-8	4,4'-DDD	18000	I
1031-07-8	Endosulfan sulfate	3600	IU
50-29-3	4,4'-DDT	10000	I
72-43-5	Methoxychlor	18000	IU
53494-70-5	Endrin ketone	3600	IU
7421-93-4	Endrin aldehyde	3600	IU
5103-71-9	alpha-Chlordane	1800	IU
5103-74-2	gamma-Chlordane	1800	IU
8001-35-2	Toxaphene	180000	IU
12674-11-2	Aroclor-1016	36000	IU
11104-28-2	Aroclor-1221	72000	IU
11141-16-5	Aroclor-1232	36000	IU
53469-21-9	Aroclor-1242	36000	IU
12672-29-6	Aroclor-1248	36000	IU
11097-69-1	Aroclor-1254	36000	IU
11096-82-5	Aroclor-1260	36000	IU



Sample Name : CLJ2-CSS28 1000X
 Lab Id : 940641-27
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL016.RES
 Inject Time : 0056 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

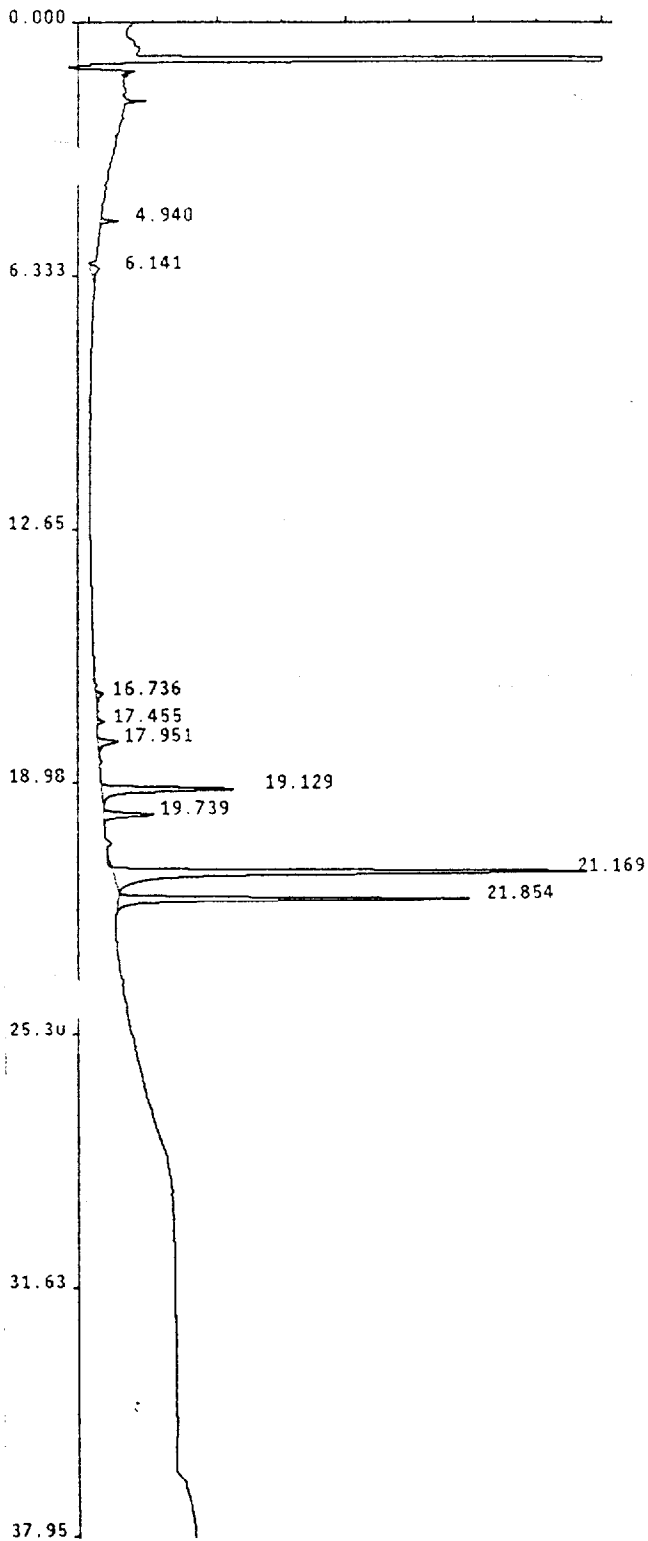
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng
1	5.82	5053	BB	.001
2	18.44	7331	BB	.002
3	19.89	10712	BB	.001
4	20.22	2933	BB	.001
5	21.01	66595	BB	.015
6	21.78	3199	BB	.001
7	22.33	279211	BB	.054
8	23.61	189557	BB	.031
9	24.82	7266	BB	.002

Handwritten notes:
 7/25/94
 4,4'-DDE
 4,4'-DDD
 4,4'-DDT

Total Area: 571857

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1706 25Jul1994



Sample Name : CLJ2-CSS28 1000X
 Lab Id : 940641-27
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL016.RES
 Inject Time : 0056 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

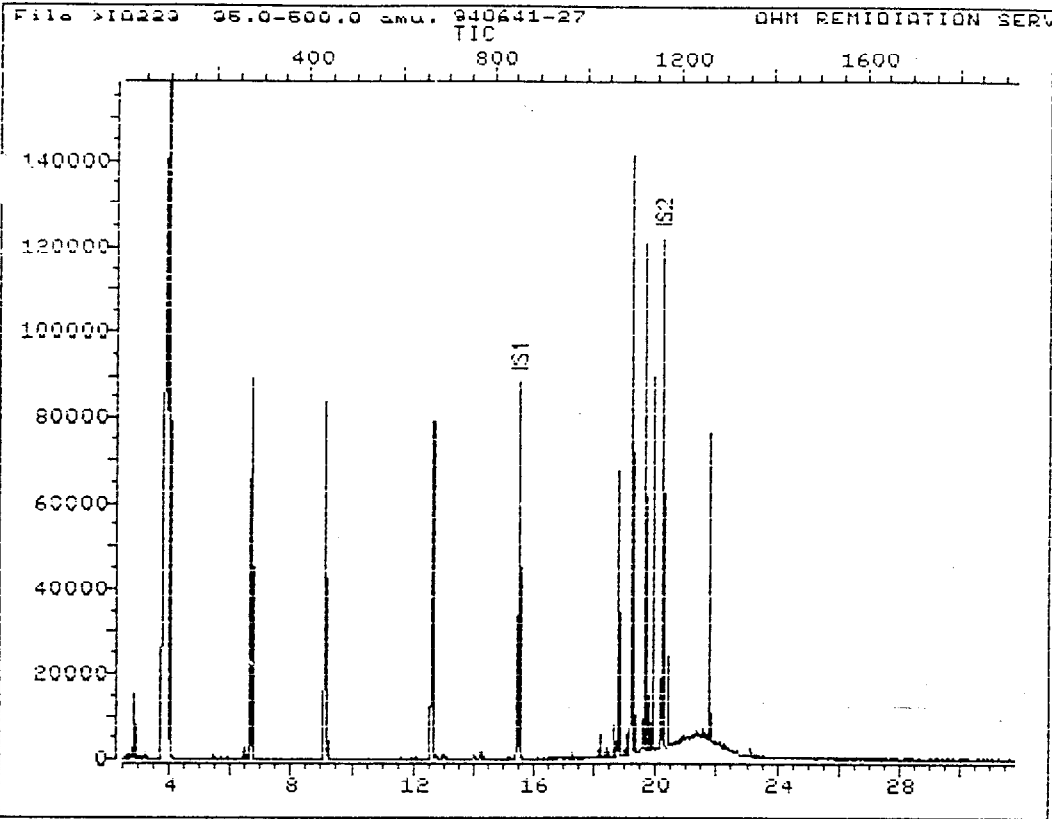
Handwritten signature
 7/25/94

Pk #	RT	Area	Code	MASSng	Name
1	4.94	6100	V8	.001	
2	6.14	9864	BB	.002	
3	16.74	5036	BB	.001	
4	17.45	2984	BB	.000	A. CHLOROBANE
5	17.95	12175	BB	.001	4,4'-DDT
6	19.13	71975	BB	.016	7000 sm 1/20/94
7	19.74	23619	BB	.005	
8	21.17	273631	BB	.049	4,4'-DDD
9	21.85	168989	BB	.028	4,4'-DDT

Total Area: 574373

Method File: /DATA/METHOD/INDA808.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1723 25Jul1994

TOTAL ION CHROMATOGRAM



Data File: >IA223::D7

Quant Output File: ^IA223::QT

Name: 940641-27

Instrument ID: MS9

Misc: OHM REMEDIATION SERVICE CLJ2-CSS28 SOIL LP

BTL#12

Id File: PESTI2::SC

Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)

Last Calibration: 870609 15:52

Last Qcal Time: 940725 19:46

Operator ID: BNA11

Quant Time : 940726 19:15

Injected at: 940726 03:11

QUANT REPORT

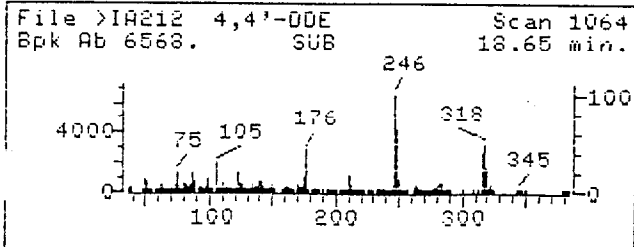
Operator ID: BNA11 Quant Rev: 7 Quant Time: 940726 19:15
 Output File: ^IA223::QT Injected at: 940726 03:11
 Data File: >IA223::D7 Dilution Factor: 1.00000
 Name: 940641-27 Instrument ID: MS9
 M c: OHM REMEDIATION SERVICE CLJ2-CSS28 SOIL LP BTL#12

ID File: PESTI2::SC
 Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
 Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

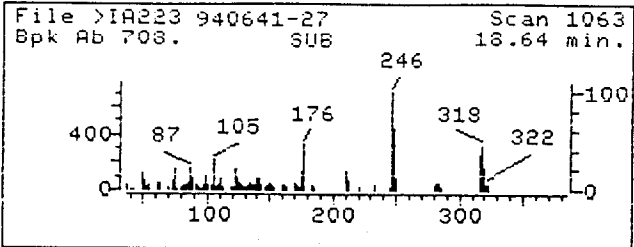
Compound	R.T.	Q ion	Area	Conc	Units	q
1) *d10-Phenanthrene	15.46	188.0	82806	20.00	ug/L	100
12) *d12-Chrysene	20.16	240.0	72553	20.00	ug/L	100
13) 4,4'-DDE	18.64	246.0	1348	1.21	ug/L	97
17) 4,4'-DDD	19.21	235.0	66149	38.53	ug/L	90
20) 4,4'-DDT	19.61	235.0	37584	24.53	ug/L	85

* Compound is ISTD

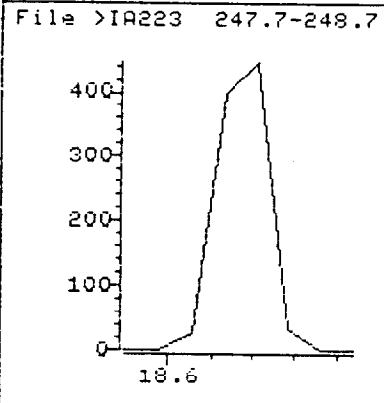
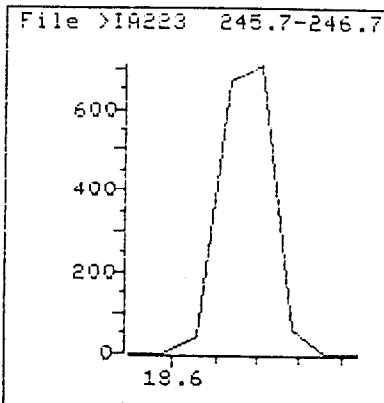
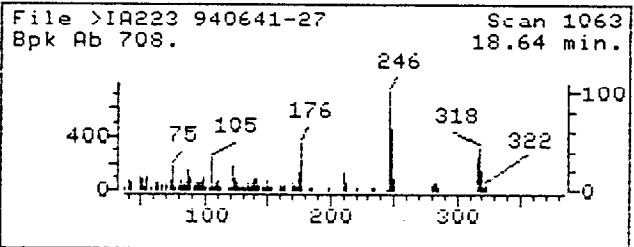
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

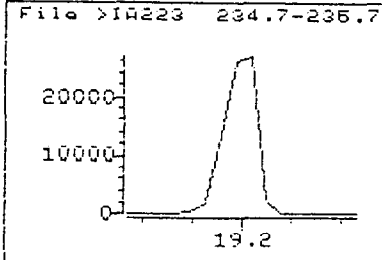
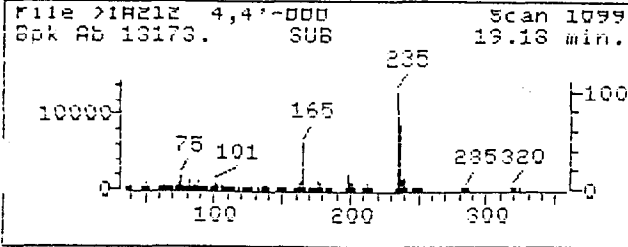


Data File: >IA223::D7
Name: 940641-27
Misc: OHM REMEDIATION SERVICE CLJ2-CSS28 SOIL LP
Quant Time: 940726 19:15
Injected at: 940726 03:11
Last Qcal Time: 940725 19:46

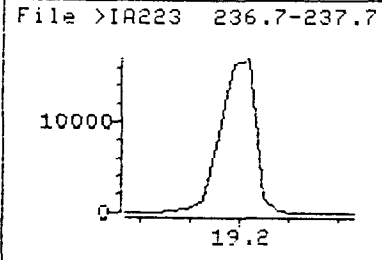
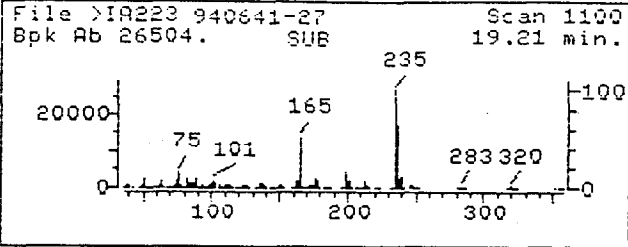
Quant Output File: ^IA223::QT
Instrument ID: MS9
BTL#12
Quant ID File: PESTI2::SC
Last Calibration: 870609 15:52

Compound No : 13
Compound Name : 4,4'-DDE
Scan Number : 1063
Retention Time: 18.64 min.
Quant Ion : 246.0
Area : 1348
Concentration : 1.21 ug/L
q-value : 97

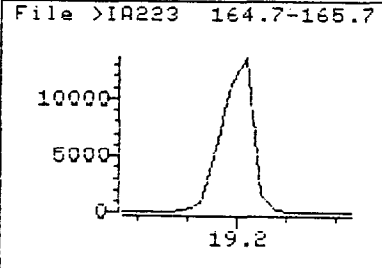
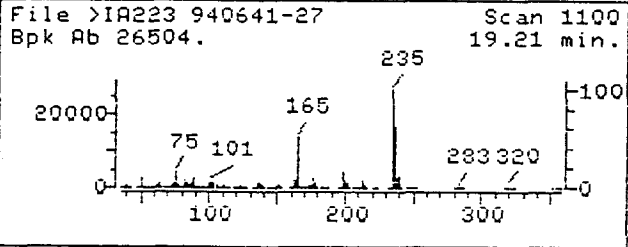
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

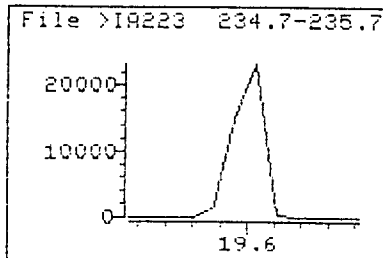
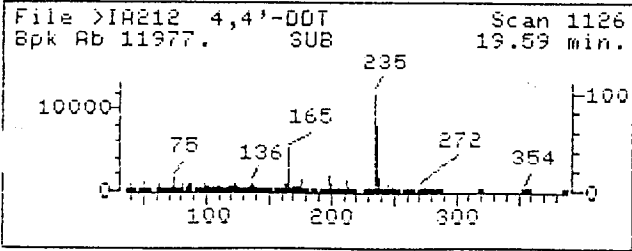


Data File: >IA223::D7
Name: 940641-27
Misc: OHM REMEDIATION SERVICE CLJ2-CSS28 SOIL LP
Quant Time: 940726 19:15
Injected at: 940726 03:11
Last Qcal Time: 940725 19:46

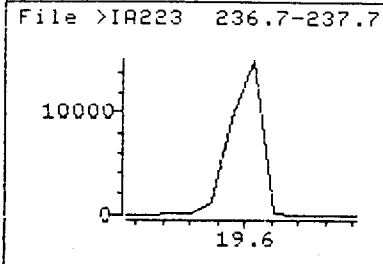
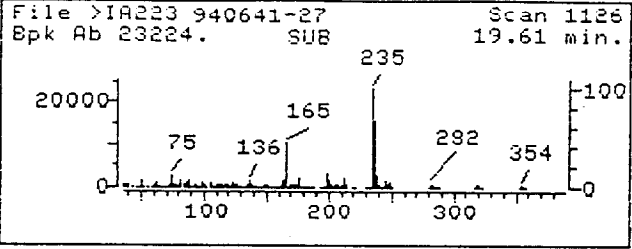
Quant Output File: ^IA223::QT
Instrument ID: MS9
BTL#12
Quant ID File: PESTI2::SC
Last Calibration: 870609 15:52

Compound No : 17
Compound Name : 4,4'-DDD
Scan Number : 1100
Retention Time: 19.21 min.
Quant Ion : 235.0
Area : 66149
Concentration : 38.53 ug/L
q-value : 90

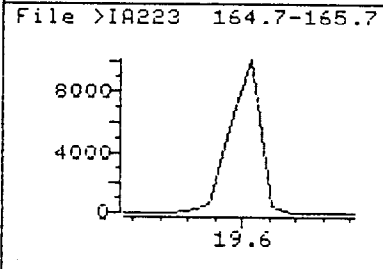
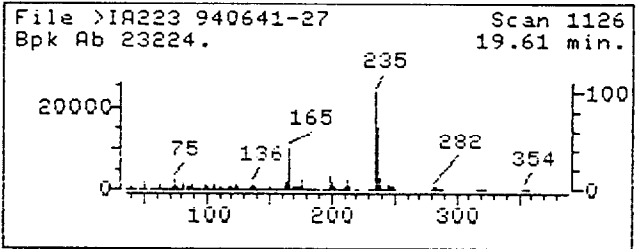
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >IA223::D7
 Name: 940641-27
 Misc: OHM REMEDIATION SERVICE CLJ2-CSS28 SOIL LP
 Quant Time: 940726 19:15
 Injected at: 940726 03:11
 Last Qcal Time: 940725 19:46

Quant Output File: ^IA223::QT
 Instrument ID: MS9
 BTL#12
 Quant ID File: PEST12::SC
 Last Calibration: 870609 15:52

Compound No : 20
 Compound Name : 4,4'-DDT
 Scan Number : 1126
 Retention Time: 19.61 min.
 Quant Ion : 235.0
 Area : 37584
 Concentration : 24.53 ug/L
 q-value : 85

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS29

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-28

Sample wt/vol: 30.2 (g/mL) G

Lab File ID:

% Moisture: 13 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL)

Dilution Factor: 10.0

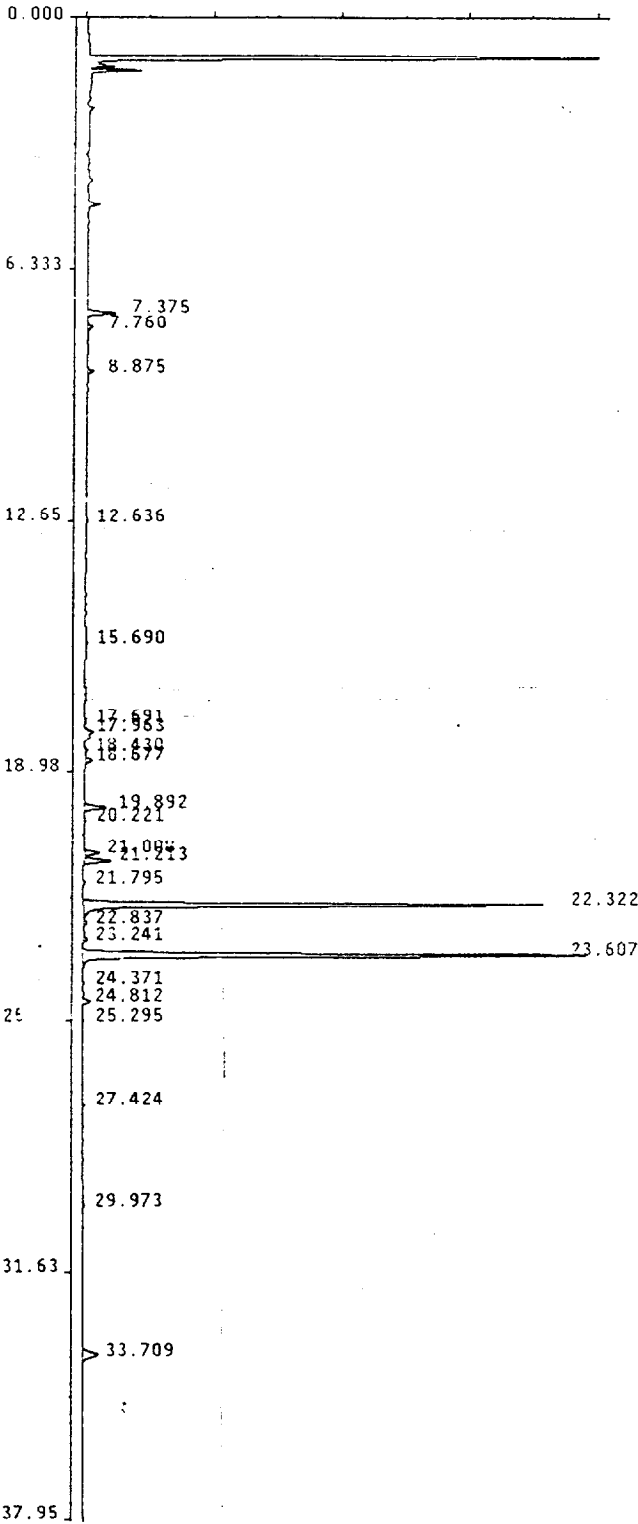
GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	19	IU
319-85-7	beta-BHC	19	IU
319-86-8	delta-BHC	19	IU
58-89-9	gamma-BHC (Lindane)	19	IU
76-44-8	Heptachlor	19	IU
309-00-2	Aldrin	19	IU
1024-57-3	Heptachlor epoxide	19	IU
959-98-8	Endosulfan I	19	IU
60-57-1	Dieldrin	38	IU
72-55-9	4,4'-DDE	15	IJ
72-20-8	Endrin	38	IU
33213-65-9	Endosulfan II	38	IU
72-54-8	4,4'-DDD	590	
1031-07-8	Endosulfan sulfate	38	IU
50-29-3	4,4'-DDT	530	
72-43-5	Methoxychlor	190	IU
53494-70-5	Endrin ketone	38	IU
7421-93-4	Endrin aldehyde	38	IU
5103-71-9	alpha-Chlordane	4.7	IJP
5103-74-2	gamma-Chlordane	3.4	IJP
8001-35-2	Toxaphene	1900	IU
12674-11-2	Aroclor-1016	380	IU
11104-28-2	Aroclor-1221	760	IU
11141-16-5	Aroclor-1232	380	IU
53469-21-9	Aroclor-1242	380	IU
12672-29-6	Aroclor-1248	380	IU
11097-69-1	Aroclor-1254	380	IU
11096-82-5	Aroclor-1260	380	IU



Ceimic Corporation Pest/PCB Report

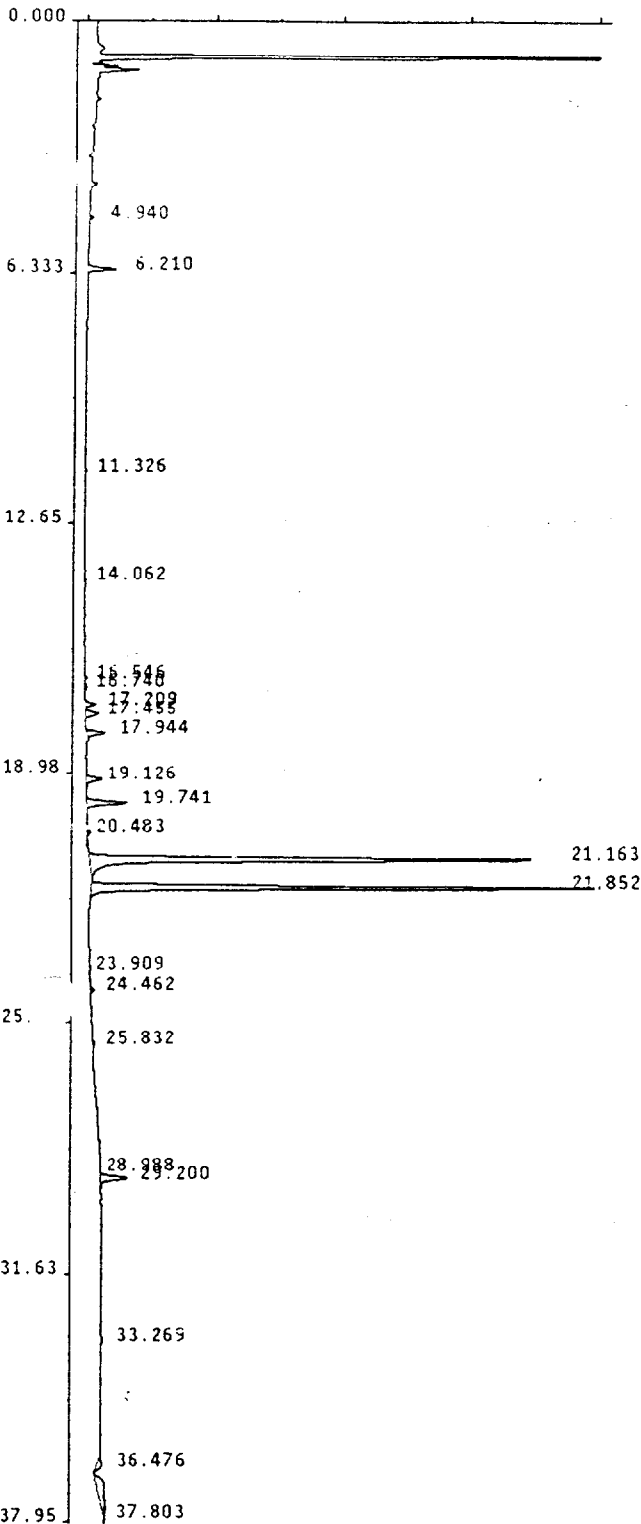
Sample Name : CLJ2-CSS29 10X
 Lab Id : 940641-28
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL017.RES
 Inject Time : 0140 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng
1	7.38	38270	BB	.004
2	7.76	10948	BB	.002
3	8.87	9978	BB	.002
4	12.64	3195	BB	.001
5	15.69	2085	BB	.000
6	17.69	2694	BB	.001
7	17.96	9424	BB	.001
8	18.43	3066	BB	.001
9	18.68	11845	BB	.001
10	19.89	35650	BB	.004
11	20.22	2638	BB	.001
12	21.01	23592	BB	.005
13	21.21	44158	BB	.010
14	21.79	4867	BB	.001
15	22.32	794129	BB	.154
16	22.84	5817	BB	.001
17	23.24	6588	BB	.001
18	23.61	859725	BB	.140
19	24.37	2515	BB	.001
20	24.81	12778	BB	.003
21	25.30	3322	BB	.001
22	27.42	3512	BB	.001
23	29.97	2262	BB	.000
24	33.71	44654	BB	.005

Name: *[Signature]* 7/25/94
 TCX
 G. CHLORDANE *good sm 7/25/94*
 A. CHLORDANE
 4,4'-DDE *[Signature]* 7/25/94
 4,4'-DDD
 4,4'-DDT
 METHOXYCHLOR *[Signature]* 7/25/94
 DCB

Total Area: 1937709
 Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1708 25Jul1994



Sample Name : CLJ2-CSS29 10X
 Lab Id : 940641-28
 Inst Id & Col : AD8_1. DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL017.RES
 Inject Time : 0140 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.94	5460	VB	.001	
2	6.21	40887	BB	.004	TCX
3	11.33	3106	BB	.001	
4	14.06	2033	BB	.000	
5	16.55	3882	BB	.001	
6	16.74	2651	BB	.001	
7	17.21	16716	BB	.001	
8	17.45	29104	BB	.002	
9	17.94	34080	BB	.004	
10	19.13	33057	BB	.007	
11	19.74	76947	BB	.017	
12	20.48	5682	BB	.001	
13	21.16	873976	BB	.157	
14	21.85	867564	BB	.146	
15	23.91	2618	BB	.001	
16	24.46	6672	BB	.002	METHOXYCHLOR
17	25.83	3126	BB	.001	ENDRIN KETON
18	28.99	2272	BB	.000	
19	29.20	52808	BB	.004	DCB
20	33.27	3603	BB	.001	
21	36.48	21681	BB	.005	
22	37.80	95061	BB	.021	

J
 7/25/94

G. CHLORDANE *good*
 A. CHLORDANE *SM 7/26/94*
 4,4'-DDT *7/25/94*

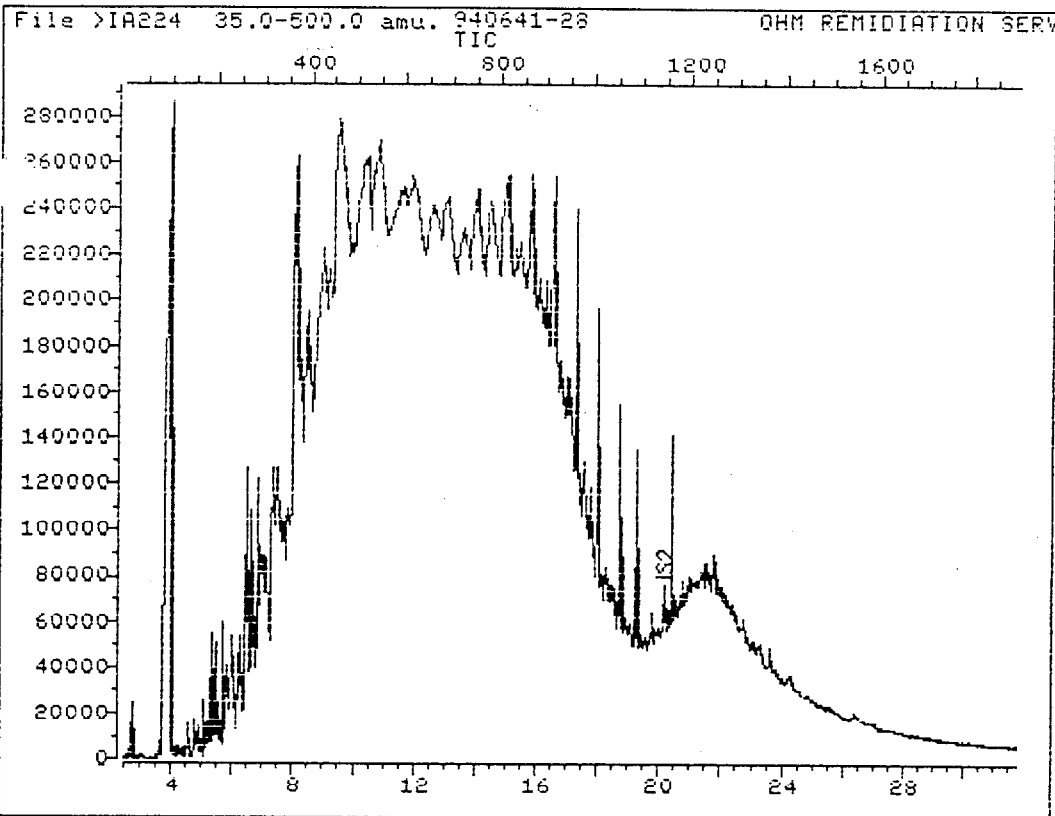
4,4'-DDD
 4,4'-DDT

3 7/25/94

Total Area: 2182986

Method File: /DATA/METHOD/INDA808.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1725 25Jul1994

TOTAL ION CHROMATOGRAM



Data File: >IA224::D7

Quant Output File: ^IA224::QT

Name: 940641-28

Instrument ID: MS9

Misc: OHM REMEDIATION SERVICE CLJ2-CSS20 SOIL LP

BTL#13

Id File: PESTI2::SC

Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)

Last Calibration: 870609 15:52

Last Qcal Time: 940725 19:46

Operator ID: BNA11

Quant Time : 940726 19:16

Injected at: 940726 03:50

QUANT REPORT

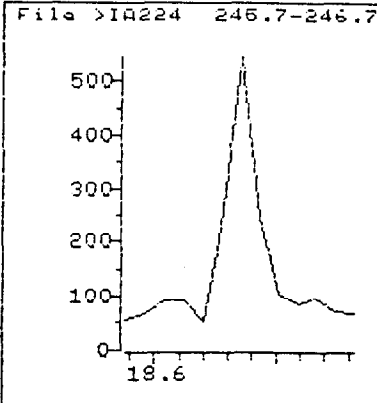
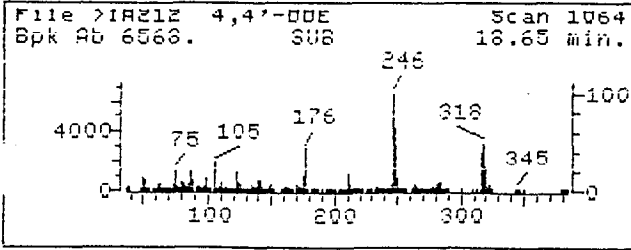
Operator ID: BNA11 Quant Rev: 7 Quant Time: 940726 19:16
 Output File: ^IA224::QT Injected at: 940726 03:50
 Data File: >IA224::D7 Dilution Factor: 1.00000
 Name: 940641-28 Instrument ID: MS9
 M : OHM REMEDIATION SERVICE CLJ2-CSS20 SOIL LP BTL#13

ID File: PESTI2::SC
 Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
 Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

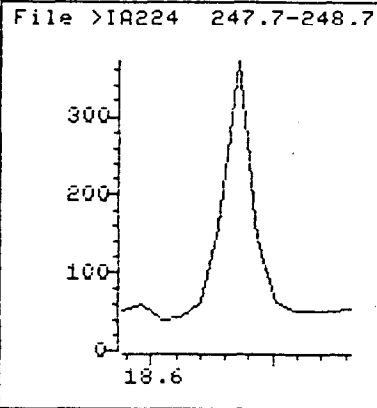
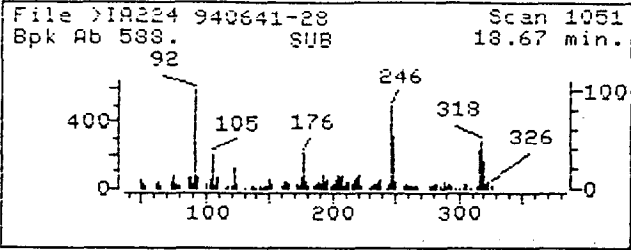
Compound	R.T.	Q ion	Area	Conc	Units	q
12) *d12-Chrysene	20.15	240.0	9121	20.00	ug/L	100
13) 4,4'-DDE	18.67	246.0	993	7.07	ug/L	98
14) Dieldrin	18.70	79.0	654	5.11	ug/L	100
17) 4,4'-DDD	19.20	235.0	34653	160.54	ug/L	86

* Compound is ISTD

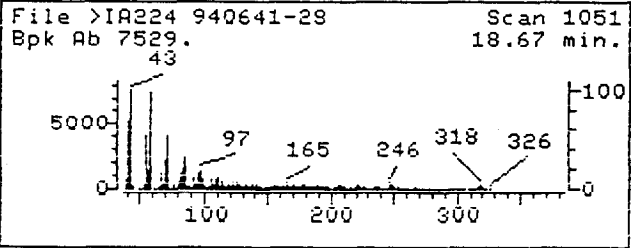
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

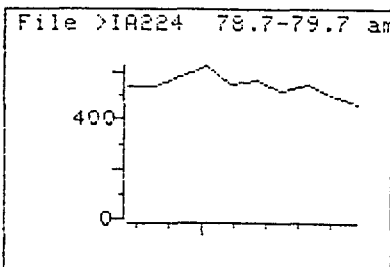
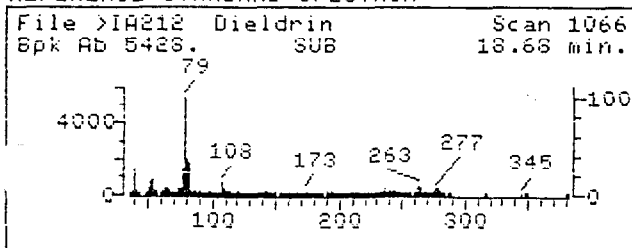


Data File: >IA224::D7
Name: 940641-28
Misc: OHM REMEDIATION SERVICE CLJ2-CSS20 SOIL LP
Quant Time: 940726 19:16
Injected at: 940726 03:50
Last Qcal Time: 940725 19:46

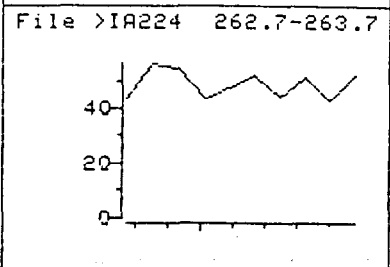
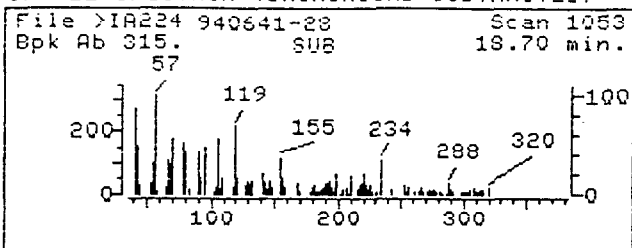
Quant Output File: ^IA224::QT
Instrument ID: MS9
BTL#13
Quant ID File: PESTI2::SC
Last Calibration: 870609 15:52

Compound No : 13
Compound Name : 4,4'-DDE
Scan Number : 1051
Retention Time: 18.67 min.
Quant Ion : 246.0
Area : 993
Concentration : 7.07 ug/L
q-value : 98

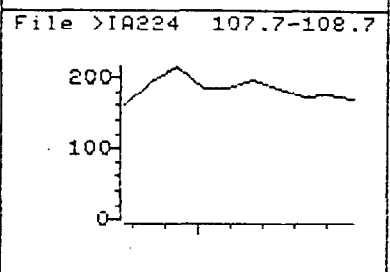
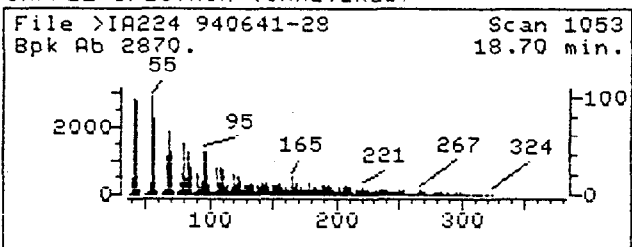
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

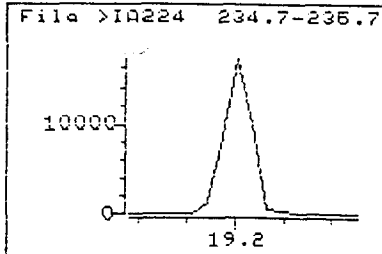
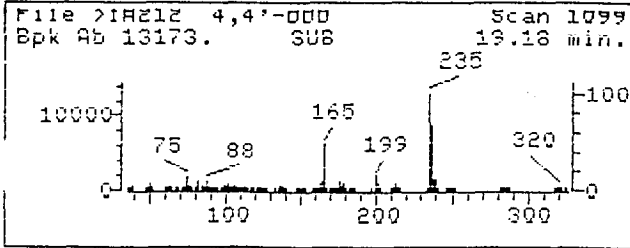


Data File: >IA224::D7
Name: 940641-28
Misc: OHM REMEDIATION SERVICE CLJ2-CSS20 SOIL LP
Quant Time: 940726 19:16
Injected at: 940726 03:50
Last Qcal Time: 940725 19:46

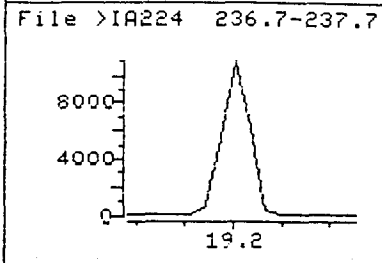
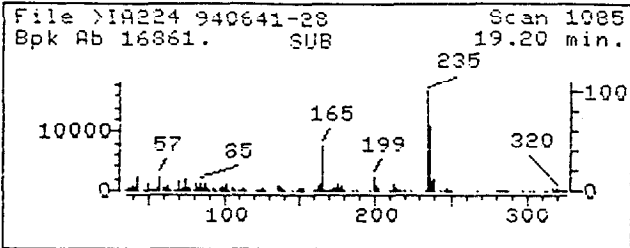
Quant Output File: ^IA224::QT
Instrument ID: MS9
BTL#13
Quant ID File: PESTI2::SC
Last Calibration: 870609 15:52

Compound No : 14
Compound Name : Dieldrin
Scan Number : 1053
Retention Time: 18.70 min.
Quant Ion : 79.0
Area : 654
Concentration : 5.11 ug/L
q-value : 100

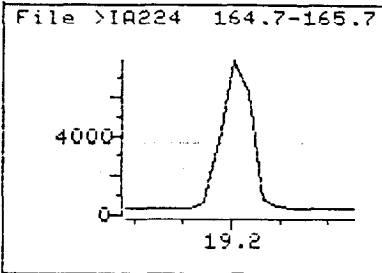
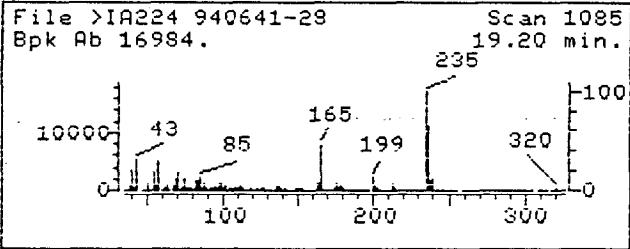
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >IA224::D7
Name: 940641-28
Misc: OHM REMEDIATION SERVICE CLJ2-CSS20 SOIL LP
Quant Time: 940726 19:16
Injected at: 940726 03:50
Last Qcal Time: 940725 19:46

Quant Output File: ^IA224::QT
Instrument ID: MS9
BTL#13
Quant ID File: PESTI2::SC
Last Calibration: 870609 15:52

Compound No : 17
Compound Name : 4,4'-DDD
Scan Number : 1085
Retention Time: 19.20 min.
Quant Ion : 235.0
Area : 34653
Concentration : 160.54 ug/L
q-value : 86

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS30

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-29

Sample wt/vol: 30.3 (g/mL) G

Lab File ID:

% Moisture: 9 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL)

Dilution Factor: 400

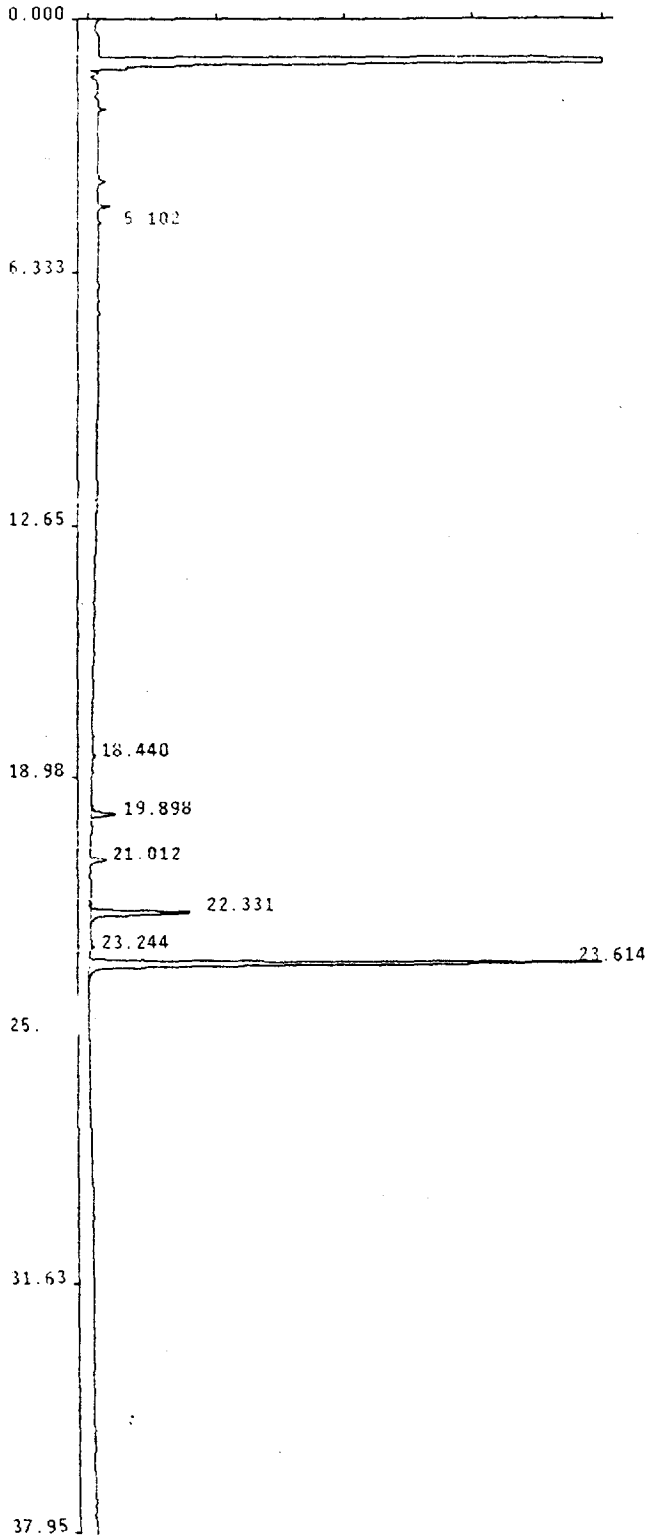
GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	740	IU
319-85-7	beta-BHC	740	IU
319-86-8	delta-BHC	740	IU
58-89-9	gamma-BHC (Lindane)	740	IU
76-44-8	Heptachlor	740	IU
309-00-2	Aldrin	740	IU
1024-57-3	Heptachlor epoxide	740	IU
959-98-8	Endosulfan I	740	IU
60-57-1	Dieldrin	1400	IU
72-55-9	4,4'-DDE	360	IJ
72-20-8	Endrin	1400	IU
33213-65-9	Endosulfan II	1400	IU
72-54-8	4,4'-DDD	1800	IP
1031-07-8	Endosulfan sulfate	1400	IU
50-29-3	4,4'-DDT	9000	I
72-43-5	Methoxychlor	7400	IU
53494-70-5	Endrin ketone	1400	IU
7421-93-4	Endrin aldehyde	1400	IU
5103-71-9	alpha-Chlordane	740	IU
5103-74-2	gamma-Chlordane	740	IU
8001-35-2	Toxaphene	74000	IU
12674-11-2	Aroclor-1016	14000	IU
11104-28-2	Aroclor-1221	29000	IU
11141-16-5	Aroclor-1232	14000	IU
53469-21-9	Aroclor-1242	14000	IU
12672-29-6	Aroclor-1248	14000	IU
11097-69-1	Aroclor-1254	14000	IU
11096-82-5	Aroclor-1260	14000	IU

Sample Name : CLJ2-CSS30 DF=400
 Lab Id : 940641-29 DF=400
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JUL056.RES
 Inject Time : 0629 26Jul1994
 Run Status : EndOffBaseline
 NoReference
 UserAbortedRun
 SignalOverload



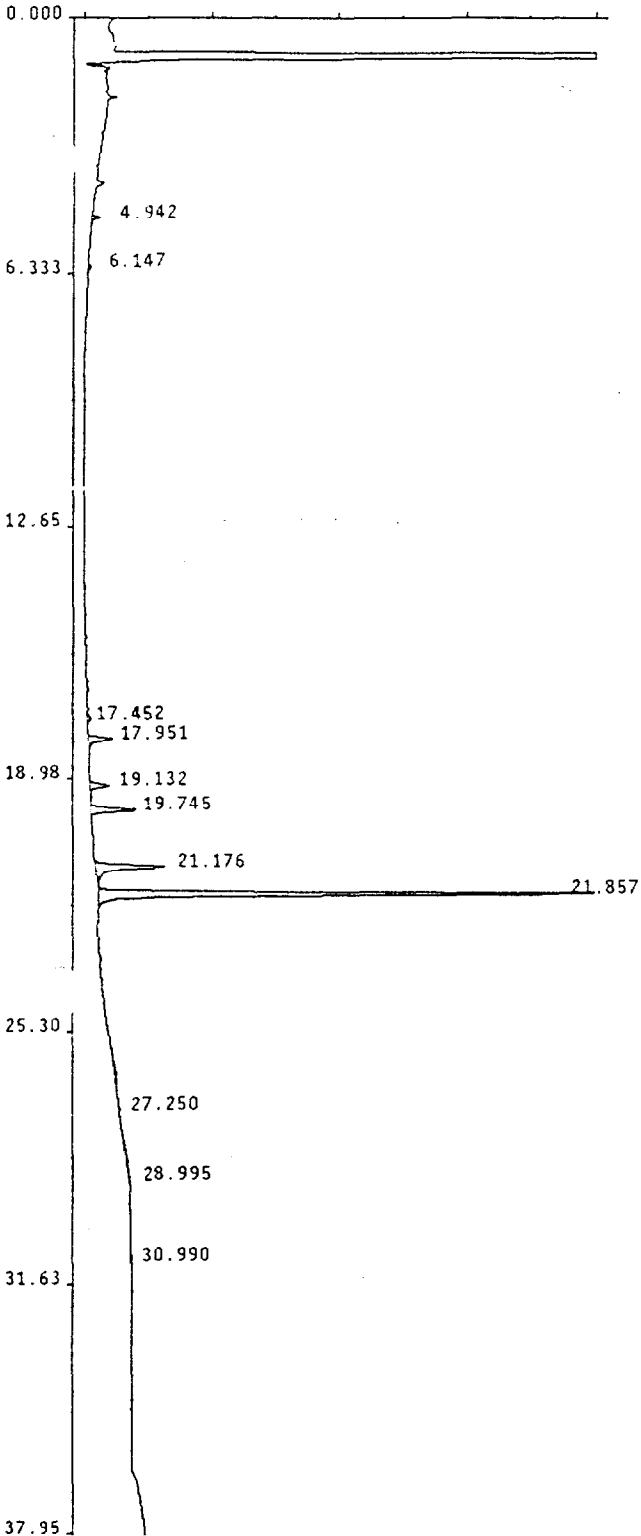
Pk #	RT	Area	Code	MASSng	Name
1	5.10	2034	88	.000	
2	18.44	2302	88	.001	
3	19.90	20437	88	.003	4,4'-DDE
4	21.01	13877	88	.003	
5	22.33	88431	88	.017	4,4'-DDD
6	23.24	2198	88	.000	
7	23.61	384842	88	.063	4,4'-DDT

SM
7/26/94

4,4'-DDE
 4,4'-DDD
 4,4'-DDT

Total Area: 514122

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1149 26Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS30 DF=400
 Lab Id : 940641-29 DF=400
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S8P24JUL056.RES
 Inject Time : 0629 26Jul1994
 Run Status : EndOffBaseline
 NoReference
 SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.94	5096	VB	.001	
2	6.15	2152	BB	.000	
3	17.45	3278	BB	.000	
4	17.95	21550	BB	.002	4,4'-DDE
5	19.13	14646	BB	.003	
6	19.74	34090	BB	.007	
7	21.18	69480	BB	.012	4,4'-DDD
8	21.86	365892	BB	.062	4,4'-DDT
9	27.25	7177	BB	.002	
10	28.99	9423	BB	.002	
11	30.99	3822	BB	.001	

SM 7/26/94

A. CHLORDANE
 SM 7/26/94
 4,4'-DDE
 4,4'-DDD
 4,4'-DDT

Total Area: 536604

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_CGL.FMT
 Report Time: 1150 26Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS31

Lab Name: CEIMIC CORP

Contract: OHM

b Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-30

Sample wt/vol: 30.4 (g/mL) G

Lab File ID:

% Moisture: 7 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL)

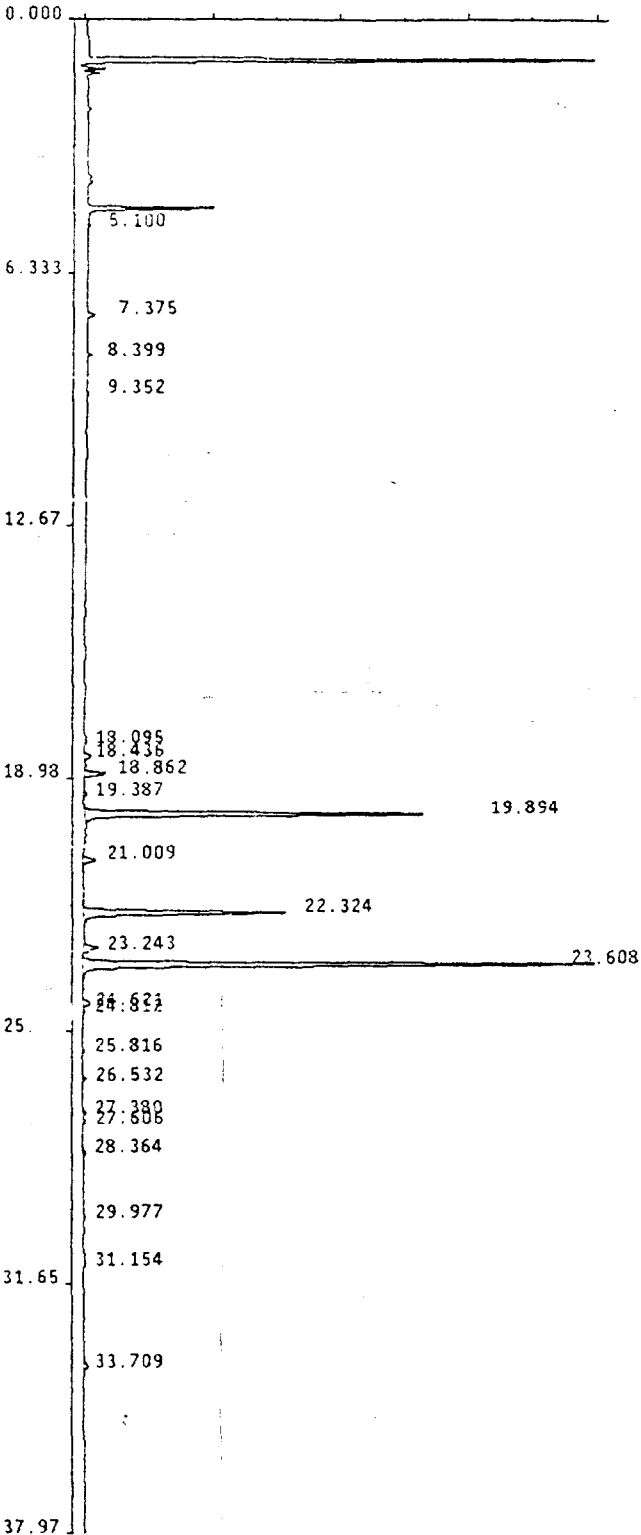
Dilution Factor: 50.0

GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	90	IU
319-85-7	beta-BHC	90	IU
319-86-8	delta-BHC	90	IU
58-89-9	gamma-BHC (Lindane)	90	IU
76-44-8	Heptachlor	90	IU
309-00-2	Aldrin	90	IU
1024-57-3	Heptachlor epoxide	90	IU
959-98-8	Endosulfan I	90	IU
60-57-1	Dieldrin	170	IU
72-55-9	4,4'-DDE	1100	I
72-20-8	Endrin	170	IU
33213-65-9	Endosulfan II	170	IU
72-54-8	4,4'-DDD	730	IP
1031-07-8	Endosulfan sulfate	170	IU
50-29-3	4,4'-DDT	2200	I
72-43-5	Methoxychlor	900	IU
53494-70-5	Endrin ketone	170	IU
7421-93-4	Endrin aldehyde	170	IU
5103-71-9	alpha-Chlordane	90	IU
5103-74-2	gamma-Chlordane	90	IU
8001-35-2	Toxaphene	9000	IU
12674-11-2	Aroclor-1016	1700	IU
11104-28-2	Aroclor-1221	3600	IU
11141-16-5	Aroclor-1232	1700	IU
53469-21-9	Aroclor-1242	1700	IU
12672-29-6	Aroclor-1248	1700	IU
11097-69-1	Aroclor-1254	1700	IU
11096-82-5	Aroclor-1260	1700	IU



Ceimic Corporation Pest/PCB Report

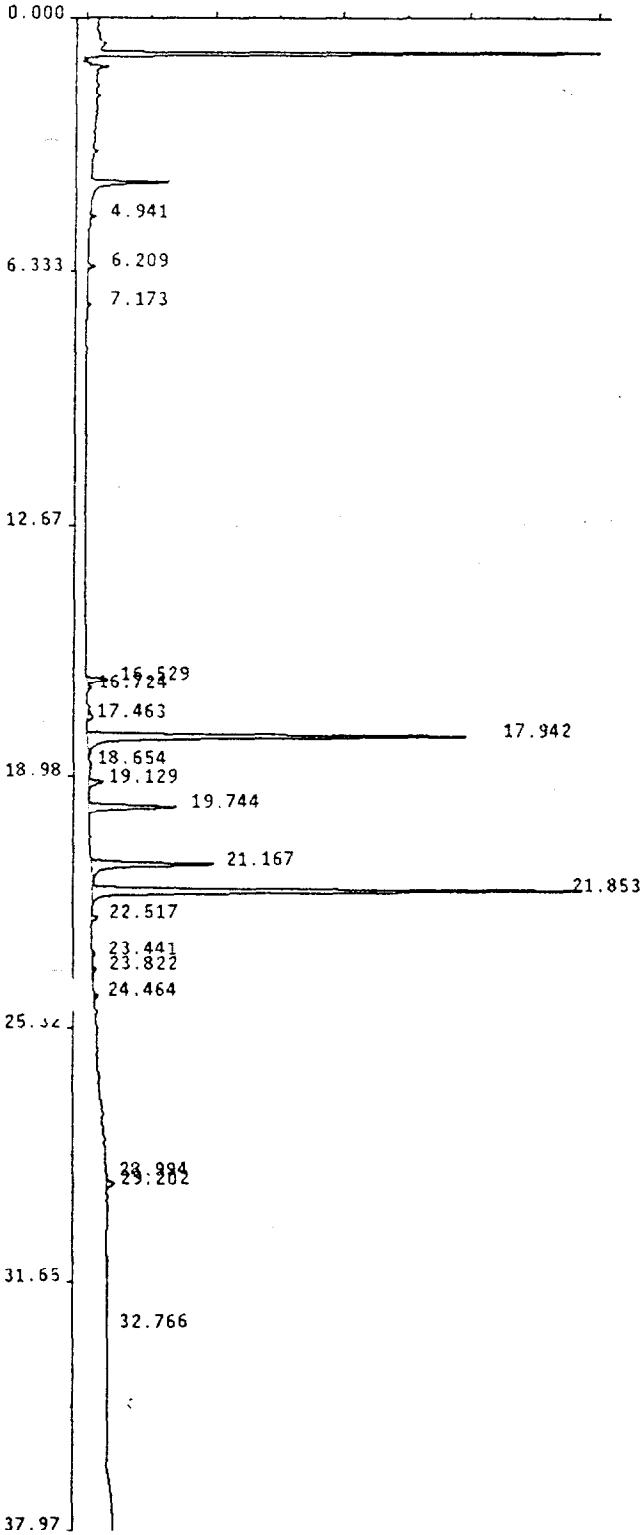
Sample Name : CLJ2-CSS31 50X
 Lab Id : 940641-30
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JULQ19.RES
 Inject Time : 0309 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

PK #	RT	Area	Code	MASSng	Name
1	5.10	2049	BB	.000	
2	7.38	9049	BB	.001	
3	8.40	7192	BB	.002	
4	9.35	2514	BB	.001	
5	18.10	2184	BB	.000	
6	18.44	10114	BB	.002	
7	18.86	31910	BB	.007	
8	19.39	5956	BB	.001	
9	19.89	521183	BB	.065	4,4'-DDE
10	21.01	21085	BB	.005	
11	22.32	309064	BB	.060	4,4'-DDD
12	23.24	20884	BB	.005	
13	23.61	752619	BB	.122	4,4'-DDT
14	24.62	10875	BB	.002	
15	24.81	2256	BB	.000	
16	25.82	2263	BB	.000	
17	26.53	5551	BB	.001	
18	27.38	2493	BB	.001	METHOXYCHLOR
19	27.61	3607	BB	.001	
20	28.36	5150	BB	.001	
21	29.98	2237	BB	.000	
22	31.15	2641	BB	.001	
23	33.71	10640	BB	.001	DCB

[Handwritten signature]
 7/25/94
 TOX 5m 7/26/94
 4,4'-DDE
 4,4'-DDD
 4,4'-DDT
 METHOXYCHLOR
 7/25/94
 DCB
 7/26/94

Total Area: 1743515

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1713 25Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS31 50X
 Lab Id : 940641-30
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL019.RES
 Inject Time : 0309 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

J 7/25/94

Pk #	RT	Area	Code	MASSng	Name
1	4.94	5610	VB	.001	
2	6.21	10488	BB	.001	
3	7.17	5323	BB	.001	
4	16.53	30623	BB	.007	
5	16.72	4005	BB	.001	
6	17.46	12038	BB	.001	
7	17.94	630359	BB	.072	
8	18.65	2515	BB	.001	
9	19.13	23518	BB	.005	
10	19.74	144851	BB	.032	
11	21.17	229405	BB	.041	
12	21.85	763118	BB	.129	
13	22.52	10684	BB	.002	
14	23.44	5057	BB	.001	
15	23.82	5534	BB	.001	
16	24.46	5290	BB	.001	
17	28.99	2211	RP	.000	
18	29.20	11976	BB	.001	
19	32.77	10939	BB	.002	

Tox sm 7/20/94

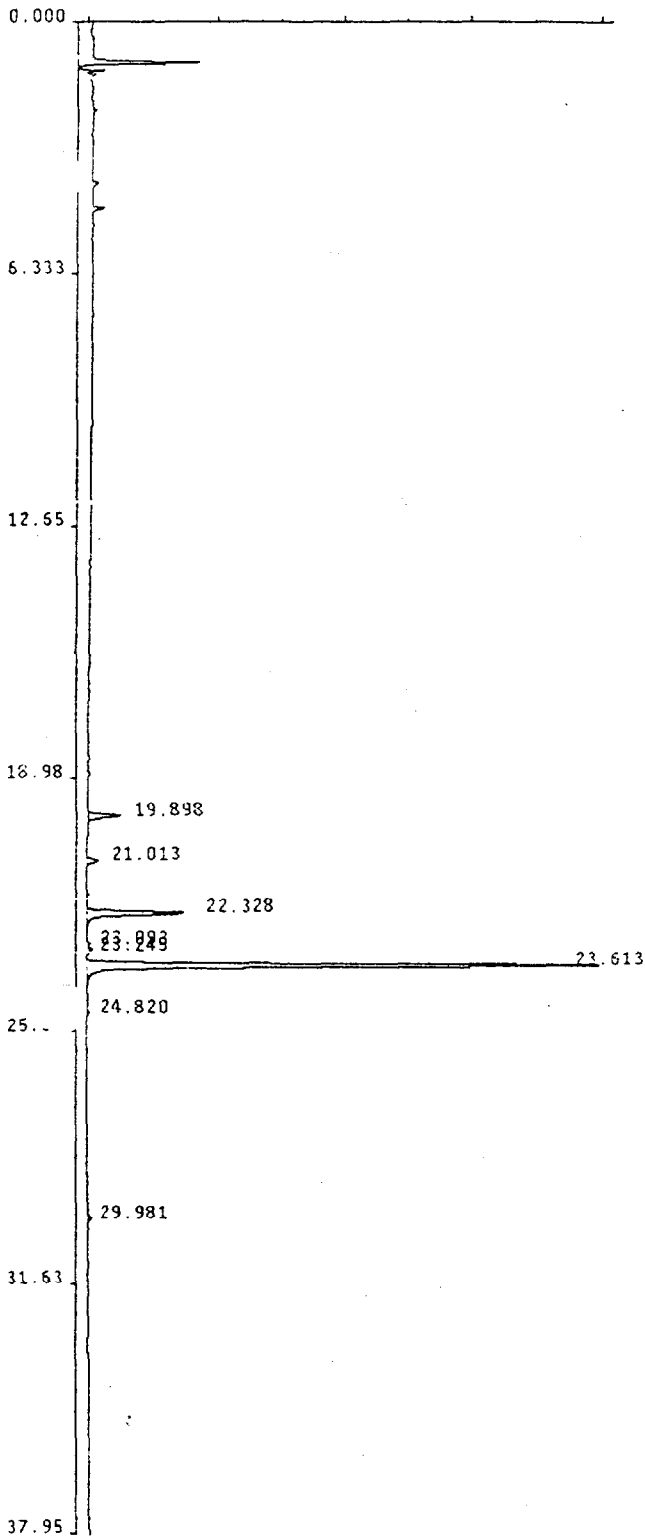
A. CHLORDANE 3 7/25/94
4,4'-DDE

4,4'-DDD
4,4'-DDT

METHOXYCHLOR
PCB sm 7/25/94

Total Area: 1913542

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1729 25Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS32 500X
 Lab Id : 940641-31
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL020.RES
 Inject Time : 0353 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

J
7/25/94

Pk #	RT	Area	Code	MASSng
1	19.90	45625	BB	.006
2	21.01	16405	BB	.004
3	22.33	149062	BB	.029
4	23.09	2151	BB	.000
5	23.24	5765	BB	.001
6	23.61	705264	BB	.115
7	24.82	4000	BB	.001
8	29.98	4076	BB	.001

Name good simulation
 4,4'-DDE
 4,4'-DDD
 4,4'-DDT

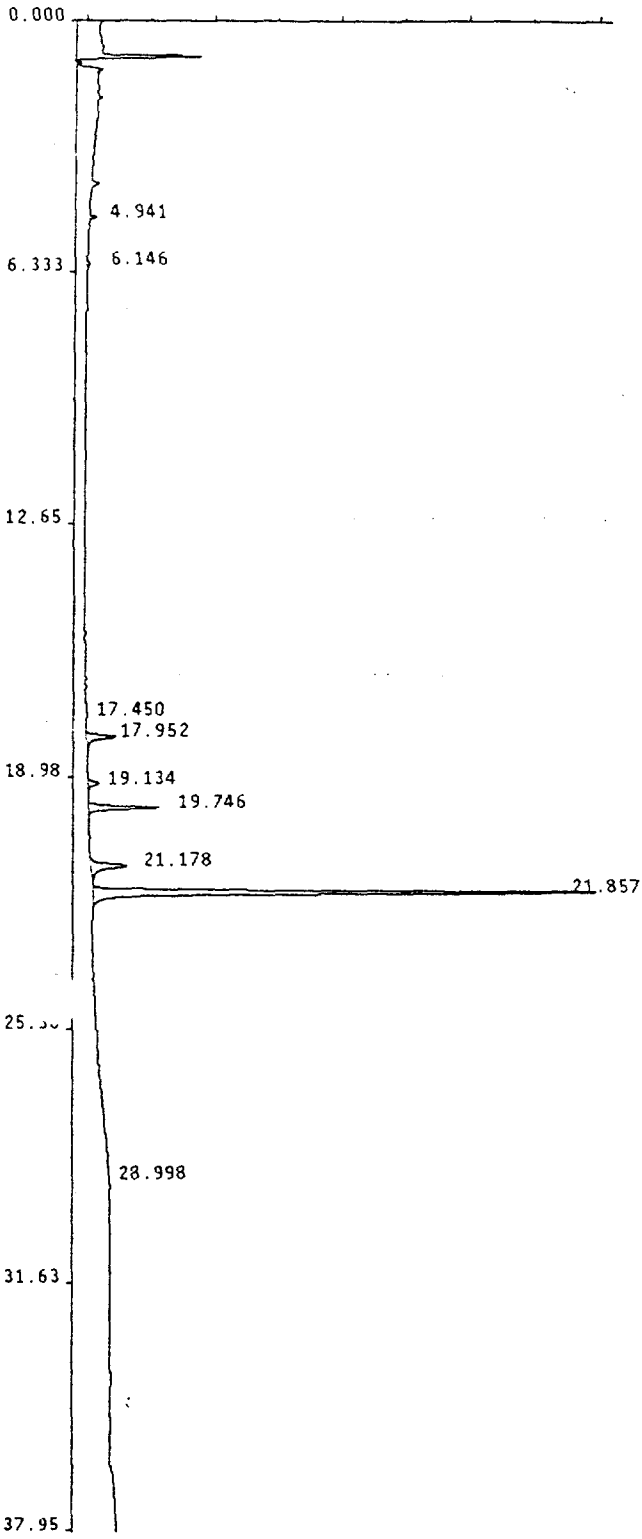
3/25/94

Total Area: 932347

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1718 25Jul1994

Sample Name : CLJ2-CSS32 500X
 Lab Id : 940641-31
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL020.RES
 Inject Time : 0353 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

J2
7/25/94



Pk #	RT	Area	Code	MASSng	Name
1	4.94	7096	VB	.002	
2	6.15	6534	BB	.001	
3	17.45	2694	BB	.000	A. CHLORDANE
4	17.95	53551	BB	.006	4,4'-DDE
5	19.13	18511	BB	.004	
6	19.75	102021	BB	.022	
7	21.18	74849	BB	.013	4,4'-DDD
8	21.86	696614	BB	.117	4,4'-DDT
9	29.00	2644	BB	.001	

7/25/94
good mix 7/26/94

Total Area: 964515

Method File: /DATA/METHOD/INDAB08.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1733 25Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS33

Lab Name: CEIMIC CORP

Contract: OHM

b Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-33

Sample wt/vol: 30.4 (g/mL) G

Lab File ID:

% Moisture: 7 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL)

Dilution Factor: 200

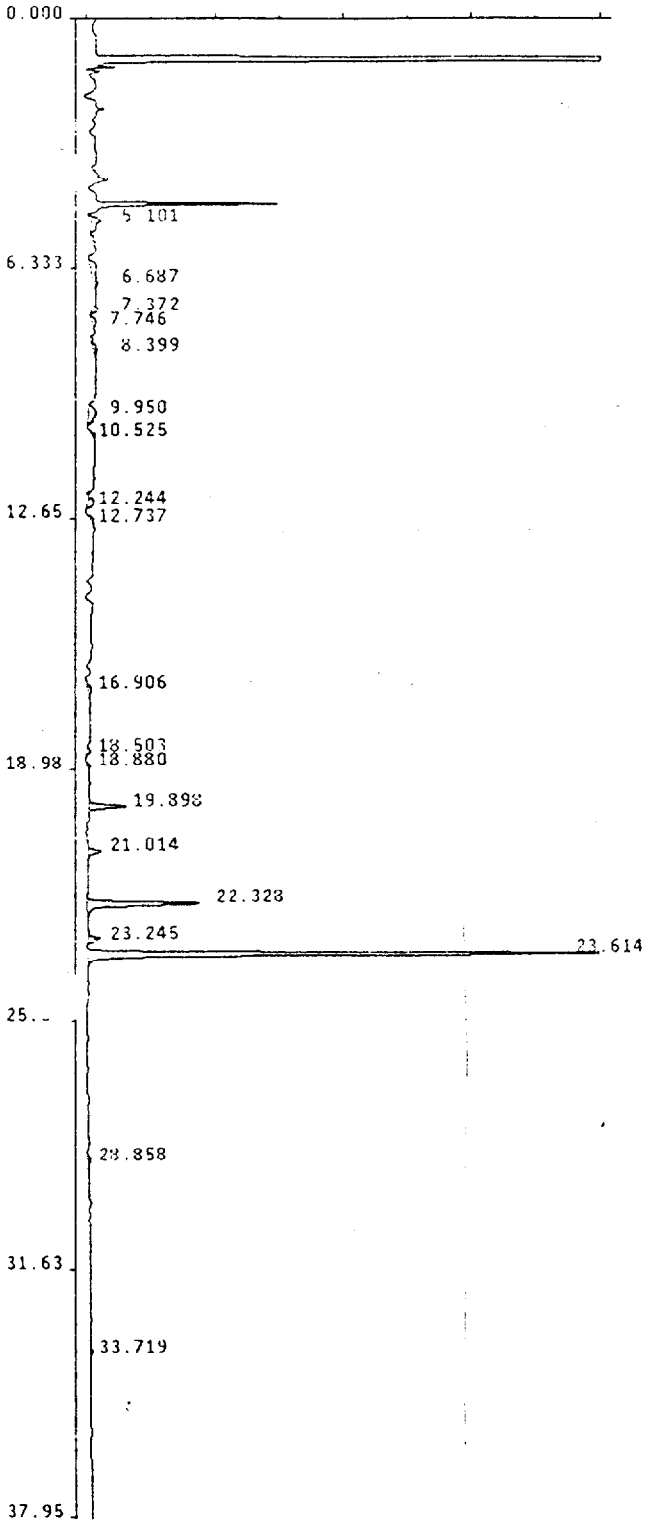
GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	360	IU
319-85-7	beta-BHC	360	IU
319-86-8	delta-BHC	360	IU
58-89-9	gamma-BHC (Lindane)	360	IU
76-44-8	Heptachlor	360	IU
309-00-2	Aldrin	360	IU
1024-57-3	Heptachlor epoxide	360	IU
959-98-8	Endosulfan I	360	IU
60-57-1	Dieldrin	700	IU
72-55-9	4,4'-DDE	270	IJ
72-20-8	Endrin	700	IU
33213-65-9	Endosulfan II	700	IU
72-54-8	4,4'-DDD	1000	IP
1031-07-8	Endosulfan sulfate	700	IU
50-29-3	4,4'-DDT	4700	I
72-43-5	Methoxychlor	3600	IU
53494-70-5	Endrin ketone	700	IU
7421-93-4	Endrin aldehyde	700	IU
5103-71-9	alpha-Chlordane	360	IU
5103-74-2	gamma-Chlordane	360	IU
8001-35-2	Toxaphene	36000	IU
12674-11-2	Aroclor-1016	7000	IU
11104-28-2	Aroclor-1221	14000	IU
11141-16-5	Aroclor-1232	7000	IU
53469-21-9	Aroclor-1242	7000	IU
12672-29-6	Aroclor-1248	7000	IU
11097-69-1	Aroclor-1254	7000	IU
11096-82-5	Aroclor-1260	7000	IU



Sample Name : CLJ2-CSS33 DF=200
 Lab Id : 940641-33 DF=200
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JUL058.RES
 Inject Time : 0757 26Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

SM 7/26/94

PK #	RT	Area	Code	MASSng	Name
1	5.10	16986	BB	.004	
2	6.69	23005	BB	.005	
3	7.37	5808	BB	.001	
4	7.75	8521	BB	.002	
5	8.40	7424	BB	.002	
6	9.95	21932	BB	.005	
7	10.52	3307	BB	.001	
8	12.24	9155	BB	.002	
9	12.74	4754	BB	.001	
10	16.91	7640	BB	.002	
11	18.50	4645	BB	.001	
12	18.88	3362	BB	.001	
13	19.90	30884	BB	.004	4,4'-DDE
14	21.01	12594	BB	.003	4,4'-DDD
15	22.33	105111	BB	.020	4,4'-DDT
16	23.25	11760	BB	.003	
17	23.61	410795	BB	.067	
18	28.86	5088	BB	.001	
19	33.72	2646	BB	.000	

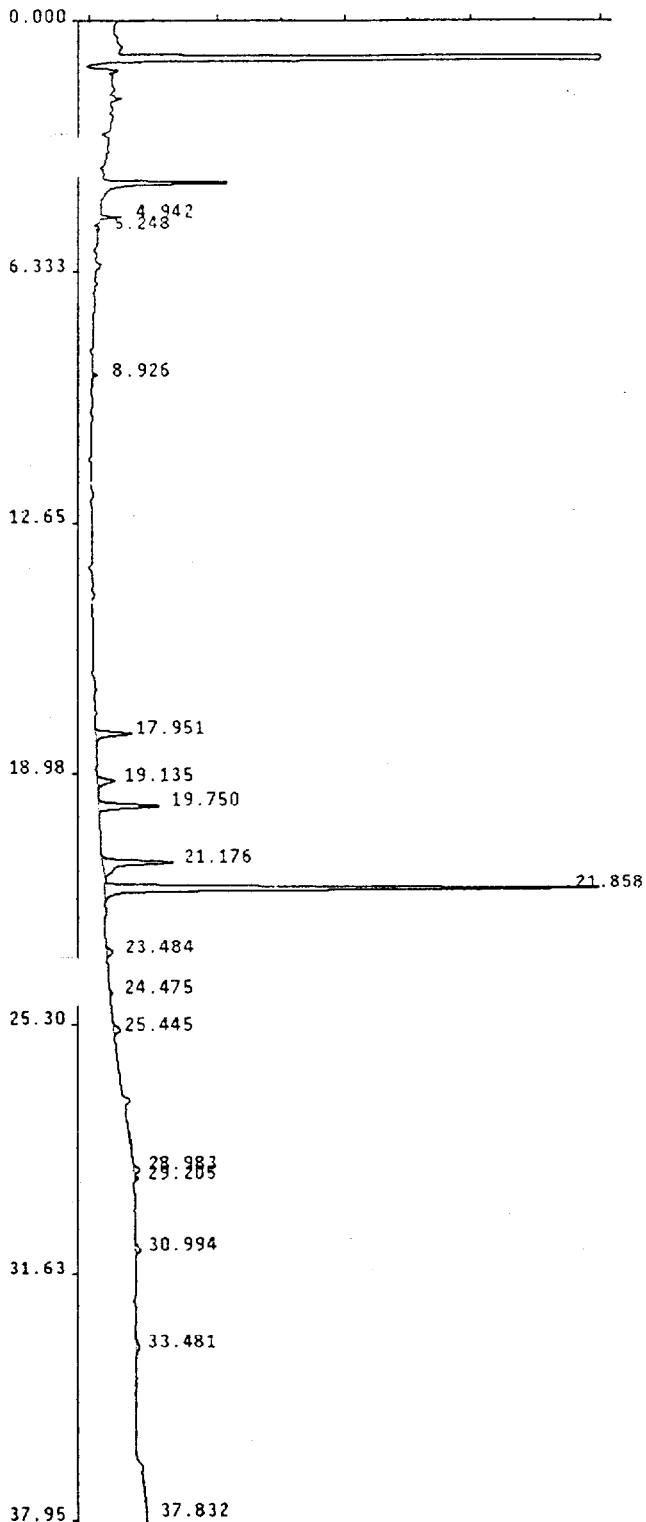
DCX SM 7/26/94

4,4'-DDE
4,4'-DDD
4,4'-DDT

DCX SM 7/26/94

Total Area: 695419

Method File: /DATA/METHOD/INDAB09.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1154 26Jul1994



Sample Name : CLJ2-CSS33 DF=200
 Lab Id : 940641-33 DF=200
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S8P24JUL058.RES
 Inject Time : 0757 26Jul1994
 Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	4.94	8187	VB	.002	
2	5.25	2672	BB	.001	
3	8.93	4583	BB	.001	
4	17.95	35805	BB	.004	4,4'-DDE
5	19.13	17634	BB	.004	
6	19.75	54279	BB	.012	
7	21.18	81638	BB	.015	4,4'-DDD
8	21.86	397851	BB	.067	4,4'-DDT
9	23.48	6915	BB	.002	
10	24.47	2061	BB	.000	
11	25.44	7978	BB	.002	
12	28.98	9864	BB	.002	
13	29.21	2269	BB	.000	
14	30.99	6988	BB	.002	
15	33.48	8242	BB	.002	
16	37.83	4769	BB	.001	

SM 7/26/94

4,4'-DDE
 4,4'-DDD
 4,4'-DDT

DOB
 SM 7/26/94

Total Area: 651735

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1154 26Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS34

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-34

Sample wt/vol: 30.2 (g/mL) G

Lab File ID:

% Moisture: 17 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL)

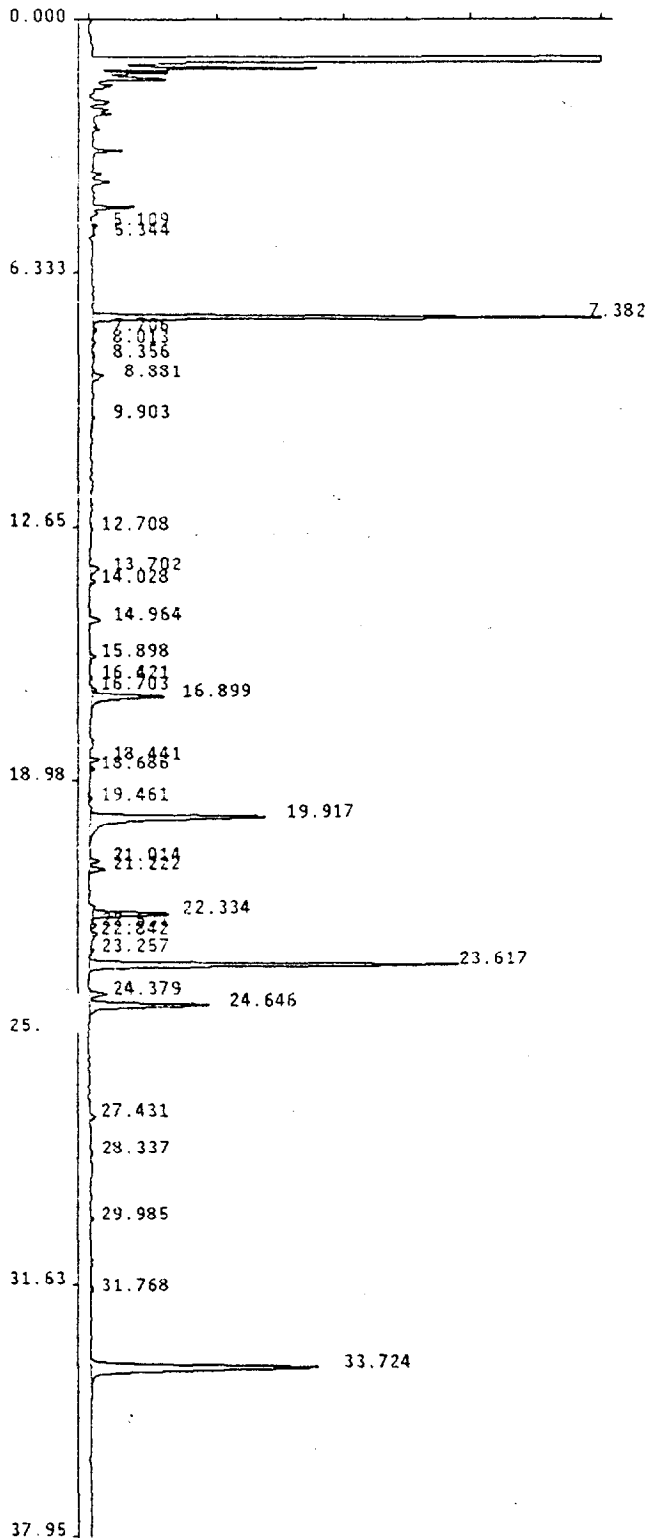
Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0IU	
319-85-7	beta-BHC	2.0IU	
319-86-8	delta-BHC	2.0IU	
58-89-9	gamma-BHC (Lindane)	2.0IU	
76-44-8	Heptachlor	2.0IU	
309-00-2	Aldrin	2.0IU	
1024-57-3	Heptachlor epoxide	2.0IU	
959-98-8	Endosulfan I	2.0IU	
60-57-1	Dieldrin	3.9IU	
72-55-9	4,4'-DDE	3.9IU	
72-20-8	Endrin	3.9IU	
33213-65-9	Endosulfan II	3.9IU	
72-54-8	4,4'-DDD	2.61JP	
1031-07-8	Endosulfan sulfate	3.9IU	
50-29-3	4,4'-DDT	23	
72-43-5	Methoxychlor	20 IU	
53494-70-5	Endrin ketone	3.9IU	
7421-93-4	Endrin aldehyde	3.9IU	
5103-71-9	alpha-Chlordane	2.0IU	
5103-74-2	gamma-Chlordane	2.0IU	
8001-35-2	Toxaphene	200 IU	
12674-11-2	Aroclor-1016	39 IU	
11104-28-2	Aroclor-1221	80 IU	
11141-16-5	Aroclor-1232	39 IU	
53469-21-9	Aroclor-1242	39 IU	
12672-29-6	Aroclor-1248	39 IU	
11097-69-1	Aroclor-1254	39 IU	
11096-82-5	Aroclor-1260	39 IU	



Sample Name : CLJ2-CSS34
 Lab Id : 940641-34
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/59P24JUL025.RES
 Inject Time : 0735 25Jul1994
 Run Status : EndOffBaseline
 SignalOverload

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng
1	5.11	4796	BB	.001
2	5.34	3049	BB	.001
3	7.38	379061	BB	.036
4	7.71	4076	BB	.001
5	8.01	4444	BB	.001
6	8.36	2502	BB	.001
7	8.88	13441	BB	.003
8	9.90	3588	BB	.001
9	12.71	2322	BB	.001
10	13.70	14854	BB	.003
11	14.03	4487	BB	.001
12	14.96	15308	BB	.003
13	15.90	8536	BB	.002
14	16.42	2369	BB	.001
15	16.70	3847	BB	.001
16	16.90	88277	BB	.019
17	18.44	10100	BB	.002
18	18.69	4506	BB	.000
19	19.46	2841	BB	.001
20	19.92	251999	BB	.031
21	21.01	8449	BB	.002
22	21.22	15285	BB	.003
23	22.33	77415	BB	.015
24	22.63	5460	BB	.001
25	22.84	5060	BB	.001
26	23.26	4106	BB	.001
27	23.62	350724	BB	.057
28	24.38	16992	BB	.004
29	24.65	131618	BB	.029
30	27.43	5168	BB	.001
31	28.34	2424	BB	.001
32	29.99	3098	BB	.001
33	31.77	3257	BB	.001
34	33.72	375868	BB	.038

[Handwritten signature]

A. CHLORDANE *[Handwritten signature]*

4,4'-DDD *[Handwritten signature]*

4,4'-DDD

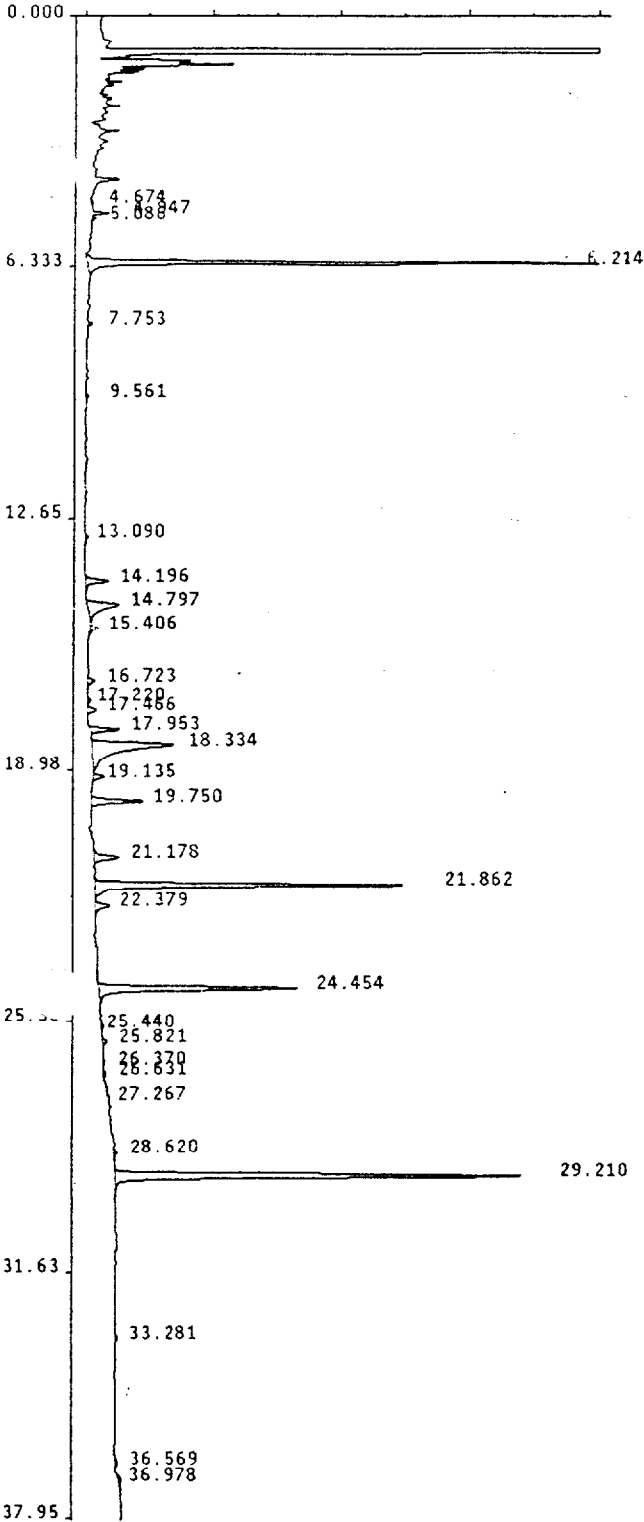
4,4'-DDT

METHOXYCHLOR *[Handwritten signature]*

DCB

Total Area: 1829237

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1730 25Jul1994



Geimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS34
 Lab Id : 940641-34
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL025.RES
 Inject Time : 0735 25Jul1994
 Run Status : EndOffBaseline
 Multilevel : False
 Application : Loop
 Quantitation: AreaUnits
 SignalOverload

Pk #	RT	Area	Code	MASSng
1	4.67	2103	BV	.000
2	4.95	12490	V8	.003
3	5.09	2736	BB	.001
4	6.21	422161	BB	.036
5	7.75	4258	BB	.001
6	9.56	2308	BB	.001
7	13.09	5600	BB	.001
8	14.20	32114	BB	.005
9	14.80	74784	BB	.016
10	15.41	10746	BB	.002
11	16.72	10360	BB	.002
12	17.22	3389	BB	.000
13	17.47	12504	BB	.001
14	17.95	31545	BB	.004
15	18.33	211359	BB	.046
16	19.14	13169	BB	.003
17	19.75	51503	BB	.014
18	21.18	35849	BB	.006
19	21.86	361257	BB	.061
20	22.38	21071	BB	.005
21	24.45	256842	BB	.060
22	25.44	2705	BB	.001
23	25.82	5471	BB	.001
24	26.37	4036	BB	.001
25	26.63	3539	BB	.001
26	27.27	5711	BB	.001
27	28.62	3641	BB	.001
28	29.21	515234	BB	.038
29	33.28	3437	BB	.001
30	36.57	4816	BB	.001
31	36.98	7009	BB	.002

JF
 7/25/94
 TCX
 ALDRIN
 BETA-BHC
 7/25/94
 G. CHLORDANE
 A. CHLORDANE
 4,4'-DDO
 7/25/94
 4,4'-DDD
 4,4'-DDT
 METHOXYCHLOR
 7/25/94
 ENDRIN KETON
 7/25/94
 DCB

Total Area: 2143748

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1744 25Jul1994

n4A

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS35

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-35

Sample wt/vol: 30.1 (g/mL) G

Lab File ID:

% Moisture: 16 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL)

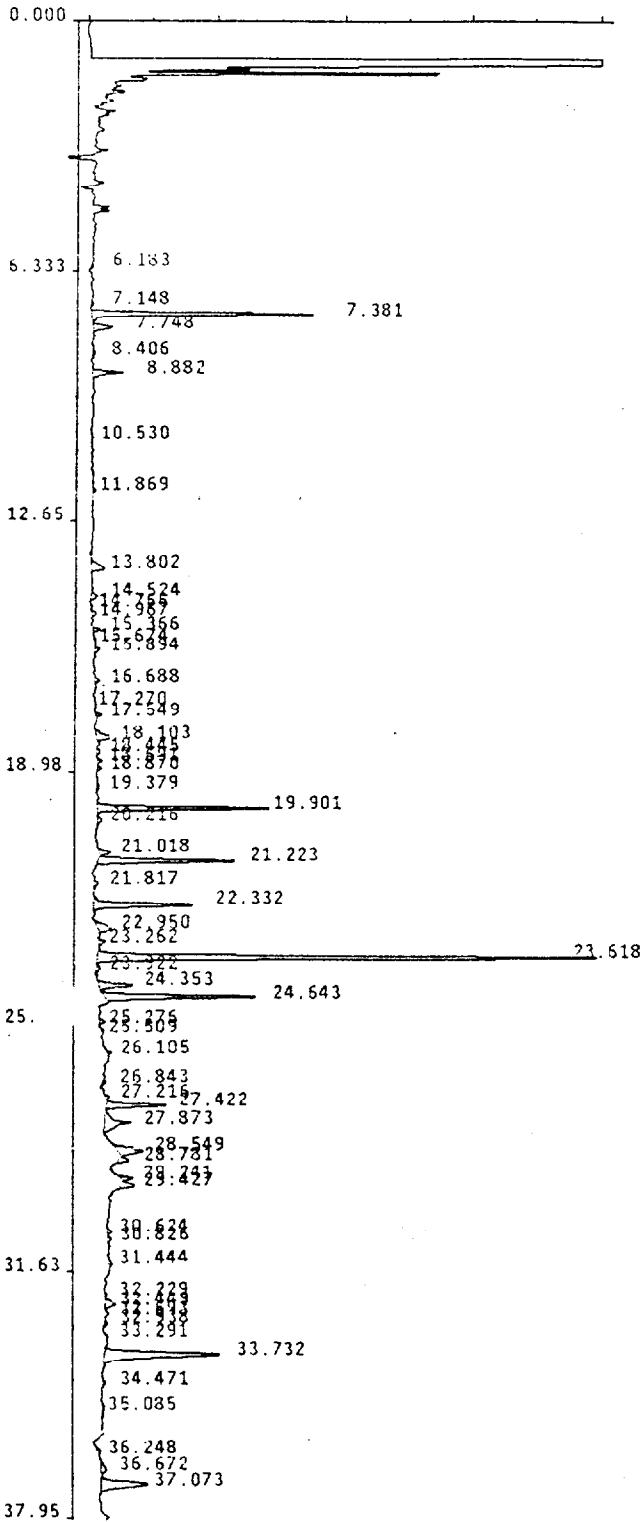
Dilution Factor: 2.00

GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	-----alpha-BHC	4.0IU	
319-85-7	-----beta-BHC	4.0IU	
319-86-8	-----delta-BHC	4.0IU	
58-89-9	-----gamma-BHC (Lindane)	4.0IU	
76-44-8	-----Heptachlor	4.0IU	
309-00-2	-----Aldrin	4.0IU	
1024-57-3	-----Heptachlor epoxide	4.0IU	
959-98-8	-----Endosulfan I	4.0IU	
60-57-1	-----Dieldrin	7.8IU	
72-55-9	-----4,4'-DDE	17 I	
72-20-8	-----Endrin	7.8IU	
33213-65-9	-----Endosulfan II	7.8IU	
72-54-8	-----4,4'-DDD	8.11P	
1031-07-8	-----Endosulfan sulfate	7.8IU	
50-29-3	-----4,4'-DDT	69 I	
72-43-5	-----Methoxychlor	40 IU	
53494-70-5	-----Endrin ketone	7.8IU	
7421-93-4	-----Endrin aldehyde	7.8IU	
5103-71-9	-----alpha-Chlordane	4.0IU	
5103-74-2	-----gamma-Chlordane	4.0IU	
8001-35-2	-----Toxaphene	400 IU	
12674-11-2	-----Aroclor-1016	78 IU	
11104-28-2	-----Aroclor-1221	160 IU	
11141-16-5	-----Aroclor-1232	78 IU	
53469-21-9	-----Aroclor-1242	78 IU	
12672-29-6	-----Aroclor-1248	78 IU	
11097-69-1	-----Aroclor-1254	78 IU	
11096-82-5	-----Aroclor-1260	78 IU	



Sample Name : CLJ2-CSS35 2X
 Lab Id : 940641-35
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL029.RES
 Inject Time : 1032 25Jul1994
 Run Status : EndOffBaseline
 SignalOverload

PK #	RT	Area	Code	MASSng	Name
1	6.18	3526	BB	.001	
2	7.15	2939	BB	.001	
3	7.38	194660	BB	.019	TCX
4	7.75	26065	BB	.006	
5	8.41	5300	BB	.001	
6	8.88	34522	BB	.008	
7	10.53	2783	BB	.001	
8	11.87	3029	BB	.001	
9	13.80	24895	BB	.005	
10	14.52	8121	BB	.002	
11	14.77	2366	BB	.000	ALDRIN
12	14.97	5775	BB	.001	
13	15.37	8138	BB	.002	
14	15.67	2263	BB	.000	
15	15.89	7146	BB	.002	
16	16.69	5802	BB	.001	
17	17.27	2083	BB	.000	H. EPOXIDE
18	17.55	5300	BB	.001	
19	18.10	20508	BB	.005	
20	18.45	4396	BB	.001	
21	18.69	5485	BB	.001	A. CHLORDANE
22	18.87	4079	BB	.001	
23	19.38	6643	BB	.001	
24	19.90	177698	BB	.022	4,4'-DDE
25	20.22	7411	BB	.002	
26	21.02	12599	BB	.003	
27	21.22	151618	BB	.033	
28	21.82	5691	BB	.001	
29	22.33	119800	BB	.023	4,4'-DDD
30	22.95	28966	BB	.006	
31	23.26	5194	BB	.001	
32	23.62	536295	BB	.087	4,4'-DDT
33	23.92	6533	BB	.001	ENDRIN ALDEH.
34	24.35	42536	BB	.009	
35	24.64	175124	BB	.038	
36	25.28	6713	BB	.001	
37	25.51	2369	BB	.001	
38	26.11	4121	BB	.001	
39	26.84	4091	BB	.001	
40	27.22	7309	BB	.002	
41	27.42	66620	BB	.018	METHOXYCHLOR

J. Starli

ALDRIN 7/25/94

H. EPOXIDE 7/25/94

A. CHLORDANE 7/25/94

4,4'-DDE

4,4'-DDD

4,4'-DDT

ENDRIN ALDEH. 7/25/94

METHOXYCHLOR 7/28/94

Sample Name : CLJ2-CSS35 2X
 Lab Id : 940641-35
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL029.RES
 Inject Time : 1032 25Jul1994
 Run Status : EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

SignalOver load

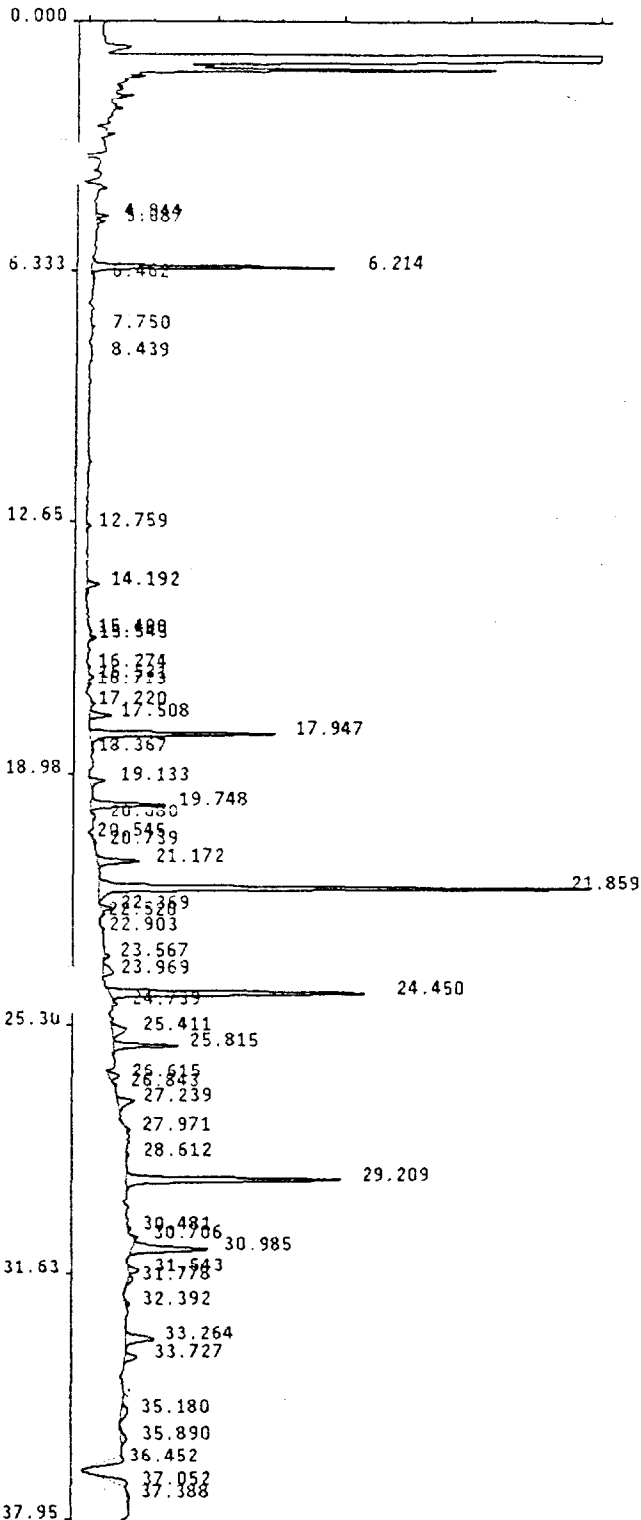
Pk #	RT	Area	Code	MASSng
42	27.87	59494	BB	.013
43	28.55	40560	BB	.009
44	28.78	6044	BB	.001
45	29.24	13061	BB	.003
46	29.43	15577	BB	.003
47	30.62	3382	BB	.001
48	30.83	3373	BB	.001
49	31.44	4588	BB	.001
50	32.23	2054	BB	.000
51	32.45	14115	BB	.003
52	32.69	4868	BB	.001
53	32.94	4344	BB	.001
54	33.29	3450	BB	.001
55	33.73	228686	BB	.023
56	34.47	6297	BB	.001
57	35.09	4657	BB	.001
58	36.25	3971	BB	.001
59	36.67	13996	BB	.003
60	37.07	99571	BB	.022

JL
7/25/94

DCB

 Total Area: 2278301

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1738 25Jul1994



Sample Name : CLJ2-CSS35 2X
 Lab Id : 940641-35
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL029.RES
 Inject Time : 1032 25Jul1994
 Run Status : EndOffBaseline
 SignalOverload

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng
1	4.94	12239	PB	.003
2	5.09	7750	BB	.002
3	6.21	210090	BB	.018
4	6.46	4074	BB	.001
5	7.75	2513	BB	.001
6	8.44	2261	BB	.000
7	12.76	4880	BB	.001
8	14.19	20864	BB	.003
9	15.40	2461	BB	.001
10	15.54	6928	BB	.002
11	16.27	2590	BB	.001
12	16.53	5485	BB	.001
13	16.71	5375	BB	.001
14	17.22	4307	BB	.000
15	17.51	29667	BB	.002
16	17.95	222233	BB	.025
17	18.37	3245	BB	.001
18	19.13	22038	BB	.005
19	19.75	99463	BB	.022
20	20.08	6140	BB	.001
21	20.54	2236	BB	.000
22	20.74	3688	BB	.001
23	21.17	57171	BB	.010
24	21.86	580111	BB	.098
25	22.37	10776	BB	.002
26	22.52	2077	BB	.000
27	22.90	2609	BB	.001
28	23.57	5957	BB	.001
29	23.97	21344	BB	.005
30	24.45	340045	BB	.980
31	24.74	5630	BB	.001
32	25.41	35335	BB	.008
33	25.82	80467	BB	.015
34	26.61	16956	BB	.004
35	26.84	4006	BB	.001
36	27.24	36823	BB	.008
37	27.97	2165	BB	.000
38	28.61	2569	BB	.001
39	29.21	292432	BB	.022
40	30.48	3360	BB	.001
41	30.71	5885	BB	.001

J 7/25/94

TCX

BETA-BHC *J 7/25/94*

G. CHLORDANE
 A. CHLORDANE *J 7/25/94*
 4,4'-DDE

4,4'-DDD
 4,4'-DDT

ENDRIN ALDEHYDE *J 7/25/94*

METHOXYCHLOR

ENDRIN KETON *J 7/25/94*

DCB

Sample Name : CLJ2-CSS35 2X
 Lab Id : 940641-35
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S8P24JUL029.RES
 Inject Time : 1032 25Jul1994
 Run Status : EndOffBaseline

SignalOverload

Pk #	RT	Area	Code	MASSng
42	30.99	131955	88	.029
43	31.54	14800	88	.003
44	31.78	9818	88	.002
45	32.39	6110	88	.001
46	33.26	57361	88	.013
47	33.73	20960	88	.005
48	35.18	23158	88	.005
49	35.89	15854	88	.003
50	36.45	39488	88	.009
51	37.05	39181	88	.009
52	37.39	6419	88	.001

Name

Handwritten signature and date '7/25/94' in the right margin.

 Total Area: 2551352

Method File: /DATA/METHOD/INDA8Q8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1753 25Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS36

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-36

Sample wt/vol: 30.4 (g/mL) G

Lab File ID:

% Moisture: 18 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL)

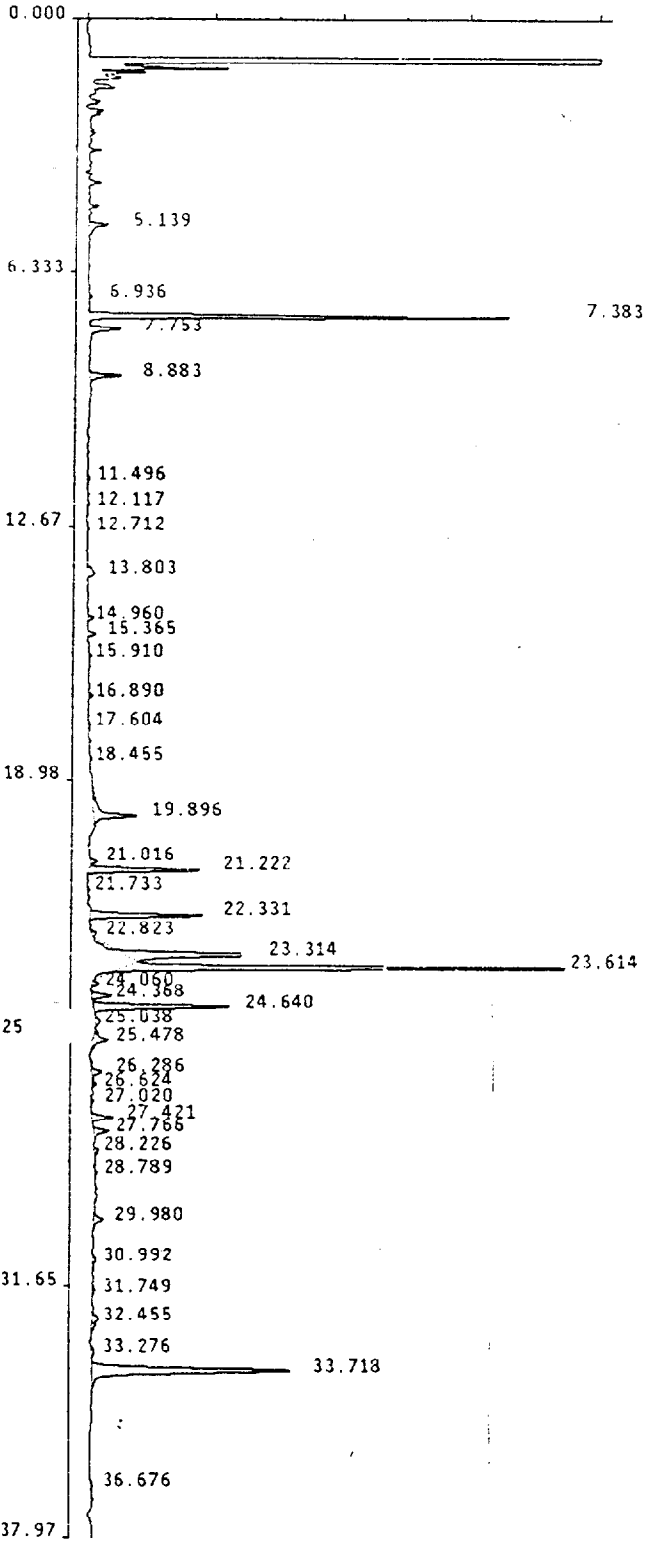
Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0IU	
319-85-7	beta-BHC	2.0IU	
319-86-8	delta-BHC	2.0IU	
58-89-9	gamma-BHC (Lindane)	2.0IU	
76-44-8	Heptachlor	2.0IU	
309-00-2	Aldrin	2.0IU	
1024-57-3	Heptachlor epoxide	2.0IU	
959-98-8	Endosulfan I	2.0IU	
60-57-1	Dieldrin	4.0IU	
72-55-9	4,4'-DDE	4.0IU	
72-20-8	Endrin	4.0IU	
33213-65-9	Endosulfan II	4.0IU	
72-54-8	4,4'-DDD	4.0IU	
1031-07-8	Endosulfan sulfate	4.0IU	
50-29-3	4,4'-DDT	30 IU	
72-43-5	Methoxychlor	20 IU	
53494-70-5	Endrin ketone	4.0IU	
7421-93-4	Endrin aldehyde	4.0IU	
5103-71-9	alpha-Chlordane	2.0IU	
5103-74-2	gamma-Chlordane	2.0IU	
8001-35-2	Toxaphene	200 IU	
12674-11-2	Aroclor-1016	40 IU	
11104-28-2	Aroclor-1221	81 IU	
11141-16-5	Aroclor-1232	40 IU	
53469-21-9	Aroclor-1242	40 IU	
12672-29-6	Aroclor-1248	40 IU	
11097-69-1	Aroclor-1254	40 IU	
11096-82-5	Aroclor-1260	40 IU	



Sample Name : CLJ2-CSS36
 Lab Id : 940641-36
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL030.RES
 Inject Time : 1116 25Jul1994
 Run Status : EndOffBaseline
 SignalOverload

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	5.14	28693	BB	.006	
2	6.94	3895	BB	.001	
3	7.38	389788	BB	.037	TCX
4	7.75	37632	BB	.008	
5	8.88	37006	BB	.008	
6	11.50	3330	BB	.001	
7	12.12	3238	BB	.001	
8	12.71	2166	BB	.000	
9	13.80	14624	BB	.003	
10	14.96	6664	BB	.001	
11	15.36	8701	BB	.002	
12	15.91	3948	BB	.001	
13	16.89	5334	BB	.001	
14	17.60	2710	BB	.001	
15	18.46	2154	BB	.000	
16	19.90	81203	BB	.010	
17	21.02	7598	BB	.002	
18	21.22	131865	BB	.029	
19	21.73	2033	BB	.000	
20	22.33	126723	BB	.025	
21	22.82	6648	BB	.001	
22	23.31	131767	BB	.029	
23	23.61	463229	BB	.075	4,4'-DDT
24	24.06	6554	BB	.001	
25	24.37	25804	BB	.006	
26	24.64	164886	BB	.036	
27	25.04	9243	BB	.002	
28	25.48	32348	BB	.007	
29	26.29	17552	BB	.004	
30	26.62	4118	BB	.001	
31	27.02	3598	BB	.001	
32	27.42	25769	BB	.007	METHOXYCHLOR
33	27.77	20088	BB	.004	ENDRIN KETON
34	28.23	5461	BB	.001	
35	28.79	4201	BB	.001	
36	29.98	18057	BB	.004	
37	30.99	7598	BB	.002	
38	31.75	3483	BB	.001	
39	32.45	19465	BB	.004	
40	33.28	6961	BB	.002	
41	33.72	383799	BB	.039	DCB

Handwritten signature
 7/25/94

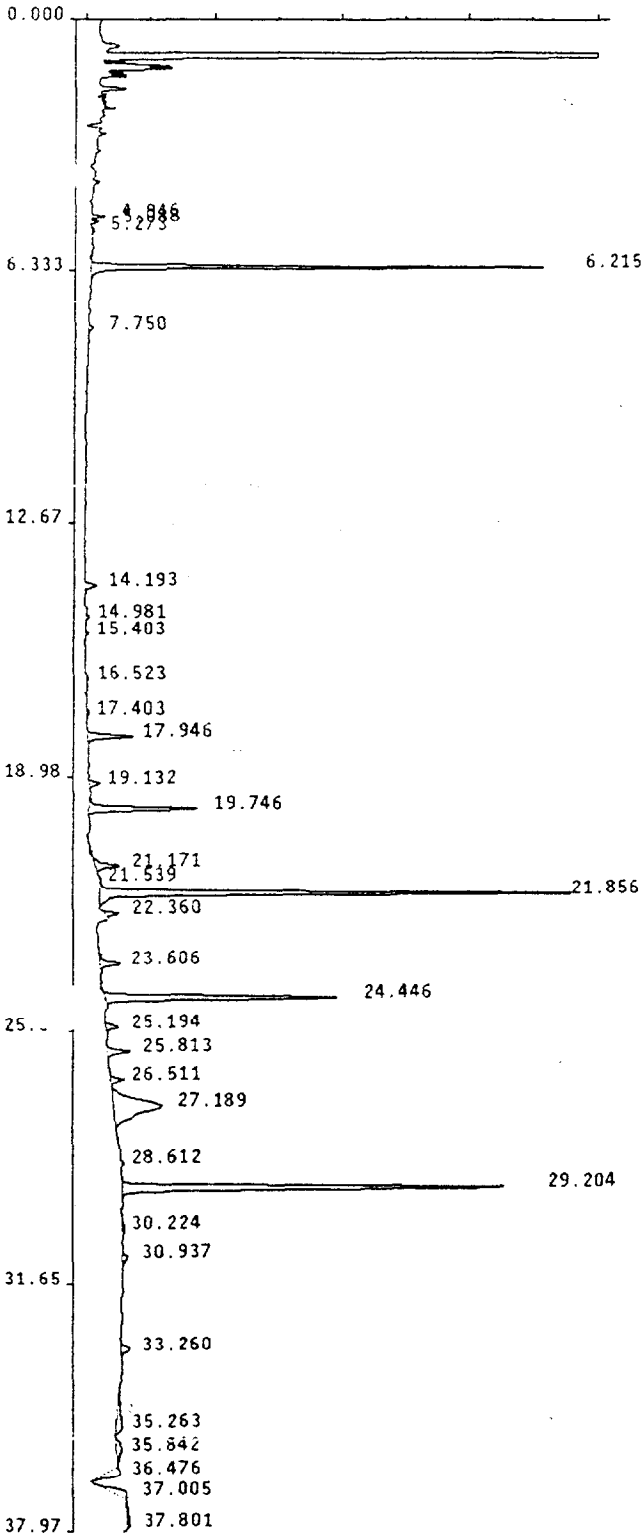
~~4,4'-DDP~~ 7/25/94

~~ENDRIN~~ 7/25/94

~~4,4'-DDD~~ 7/25/94

4,4'-DDT

METHOXYCHLOR
 ENDRIN KETON
Handwritten signature
 7/25/94



Sample Name : CLJ2-CSS36
 Lab Id : 940641-36
 Inst Id & Col : AD8_1, D81701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL030.RES
 Inject Time : 1116 25Jul1994
 Run Status : EndOffBaseline
 SignalOverload

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.95	10391	VB	.002	
2	5.09	4817	BB	.001	
3	5.27	5583	BB	.001	
4	6.21	421804	BB	.036	TCX
5	7.75	5116	BB	.001	
6	14.19	16694	BB	.003	BETA-BHC
7	14.98	2845	BB	.001	
8	15.40	4006	BB	.001	
9	16.52	2514	BB	.001	
10	17.40	4548	BB	.000	A. CHLORDANE
11	17.95	56158	BB	.006	4,4'-DDE
12	19.13	14175	BB	.003	
13	19.75	129368	BB	.028	
14	21.17	33059	BB	.006	4,4'-DDD
15	21.54	2268	BB	.000	
16	21.86	540521	BB	.091	4,4'-DDT
17	22.36	14381	BB	.003	
18	23.61	33570	BB	.007	
19	24.45	300203	BB	.071	METHOXYCHLOR
20	25.19	14951	BB	.003	
21	25.81	31811	BB	.006	ENDRIN KETON
22	26.51	18756	BB	.004	
23	27.19	236168	BB	.052	
24	28.61	3328	BB	.001	
25	29.20	520805	BB	.039	DCB
26	30.22	7039	BB	.002	
27	30.94	11882	BB	.003	
28	33.26	15402	BB	.003	
29	35.26	44610	BB	.010	
30	35.84	26146	BB	.006	
31	36.48	35341	BB	.008	
32	37.00	43494	BB	.010	
33	37.80	14861	BB	.003	

Total Area: 2626613

Method File: /DATA/METHOD/INDA808.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1754 25Jul1994

Sample Name : CLJ2-CSS36
Lab Id : 940641-36
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL030.RES
Inject Time : 1116 25Jul1994
Run Status : EndOffBaseline

SignalOverload

Pk #	RT	Area	Code	MASSng
42	36.68	5302	BB	.001

Name *J. H. H. H.*

Total Area: 2265236

Method File: /DATA/METHOD/INDABQ9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1740 25Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS37

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-38

Sample wt/vol: 30.4 (g/mL) G

Lab File ID:

% Moisture: 6 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL)

Dilution Factor: 500

GPC Cleanup: (Y/N) N

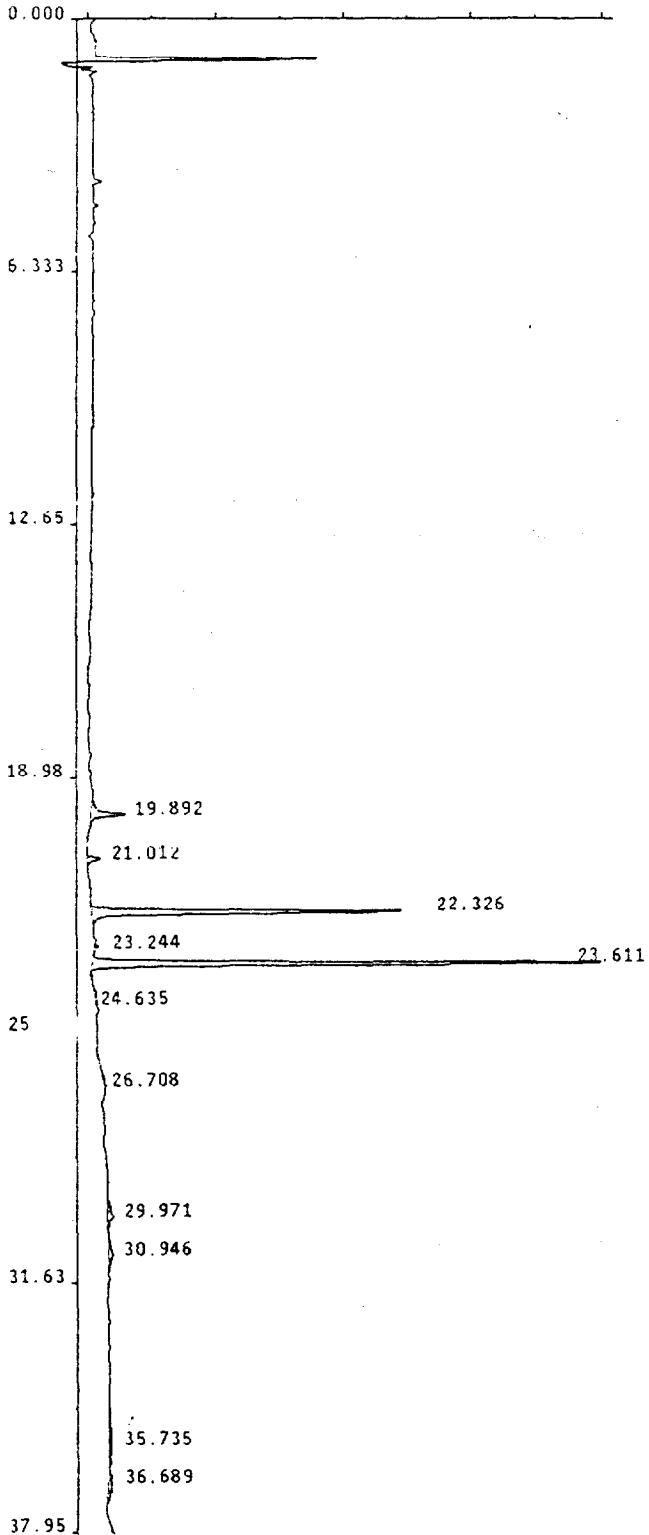
pH: 7.0

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

319-84-6	alpha-BHC	890	IU	
319-85-7	beta-BHC	890	IU	
319-86-8	delta-BHC	890	IU	
58-89-9	gamma-BHC (Lindane)	890	IU	
76-44-8	Heptachlor	890	IU	
309-00-2	Aldrin	890	IU	
1024-57-3	Heptachlor epoxide	890	IU	
959-98-8	Endosulfan I	890	IU	
60-57-1	Dieldrin	1700	IU	
72-55-9	4,4'-DDE	520	IJP	
72-20-8	Endrin	1700	IU	
33213-65-9	Endosulfan II	1700	IU	
72-54-8	4,4'-DDD	6100	I	
1031-07-8	Endosulfan sulfate	1700	IU	
50-29-3	4,4'-DDT	9600	I	
72-43-5	Methoxychlor	8900	IU	
53494-70-5	Endrin ketone	1700	IU	
7421-93-4	Endrin aldehyde	1700	IU	
5103-71-9	alpha-Chlordane	890	IU	
5103-74-2	gamma-Chlordane	890	IU	
8001-35-2	Toxaphene	89000	IU	
12674-11-2	Aroclor-1016	17000	IU	
11104-28-2	Aroclor-1221	35000	IU	
11141-16-5	Aroclor-1232	17000	IU	
53469-21-9	Aroclor-1242	17000	IU	
12672-29-6	Aroclor-1248	17000	IU	
11097-69-1	Aroclor-1254	17000	IU	
11096-82-5	Aroclor-1260	17000	IU	



Sample Name : CLJ2-CSS37 500X
 Lab Id : 940641-38
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL034.RES
 Inject Time : 1413 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

MultiLevel : False
 Application : Loop
 Quantitation: AreaUnits

J
 7/25/94

Pk #	RT	Area	Code	MASSng
1	19.89	34083	BB	.004
2	21.01	9763	BB	.002
3	22.33	222540	BB	.043
4	23.24	2297	BB	.001
5	23.61	338626	BB	.055
6	24.63	3015	BB	.001
7	26.71	2634	BB	.001
8	29.97	14282	BB	.003
9	30.95	11037	BB	.002
10	35.73	14716	BB	.003
11	36.69	15006	BB	.003

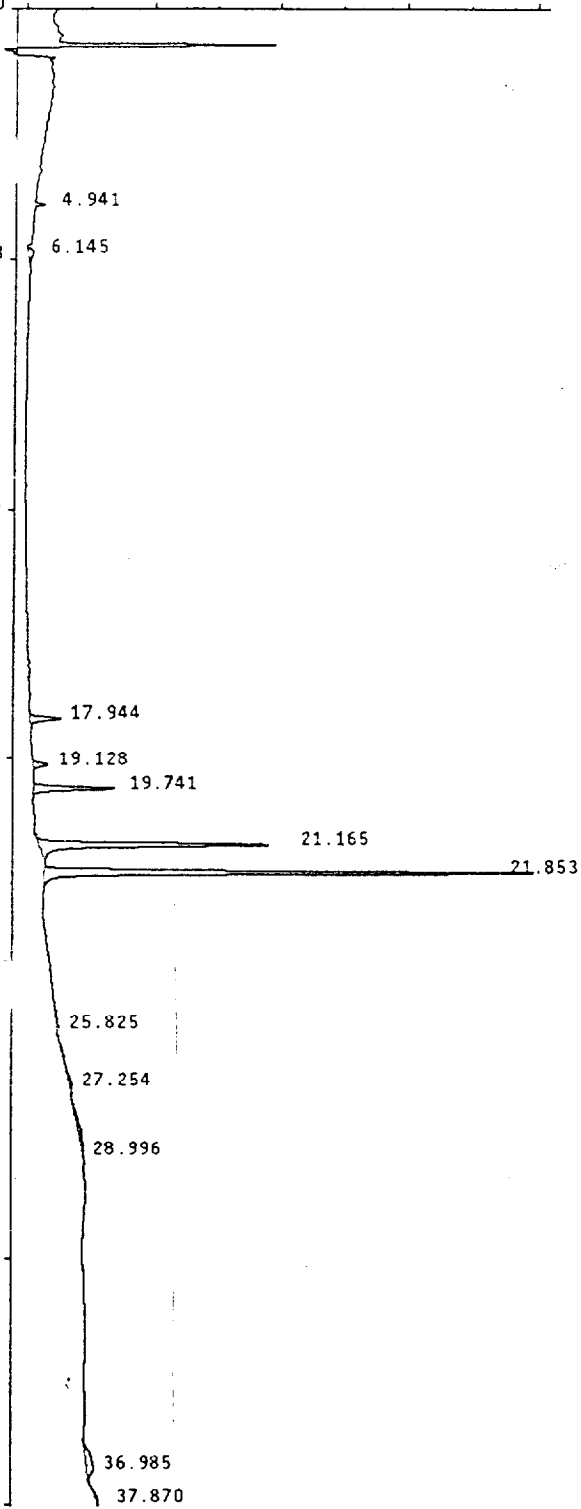
Name
 4,4'-DDE
 4,4'-DDD
 4,4'-DDT

Send sample
 7/25/94

Total Area: 667999

Method File: /DATA/METHOD/INDAB09.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1750 25Jul1994

0.000
6.333
12.65
18.98
25.5
31.63
37.95



Sample Name : CLJ2-CSS37 500X
 Lab Id : 940641-38
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL034.RES
 Inject Time : 1413 25Jul1994
 Run Status : RunStatusOK
 NoReference

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.94	4980	BB	.001	
2	6.15	11505	BB	.003	
3	17.94	25959	BB	.003	
4	19.13	11815	BB	.003	
5	19.74	59796	BB	.013	
6	21.17	195289	BB	.035	
7	21.85	347934	BB	.059	
8	25.83	5650	BB	.001	
9	27.25	7659	BB	.002	
10	29.00	16766	BB	.004	
11	36.98	28712	BB	.006	
12	37.87	2052	BB	.000	

J
7/25/94

4,4'-DDE *Good sm 7/26/94*

4,4'-DDD
4,4'-DDT

ENDRIN KETON
3/25/94

Total Area: 718118

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1759 25Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS38

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-39

Sample wt/vol: 30.1 (g/mL) G

Lab File ID:

% Moisture: 13 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL)

Dilution Factor: 200

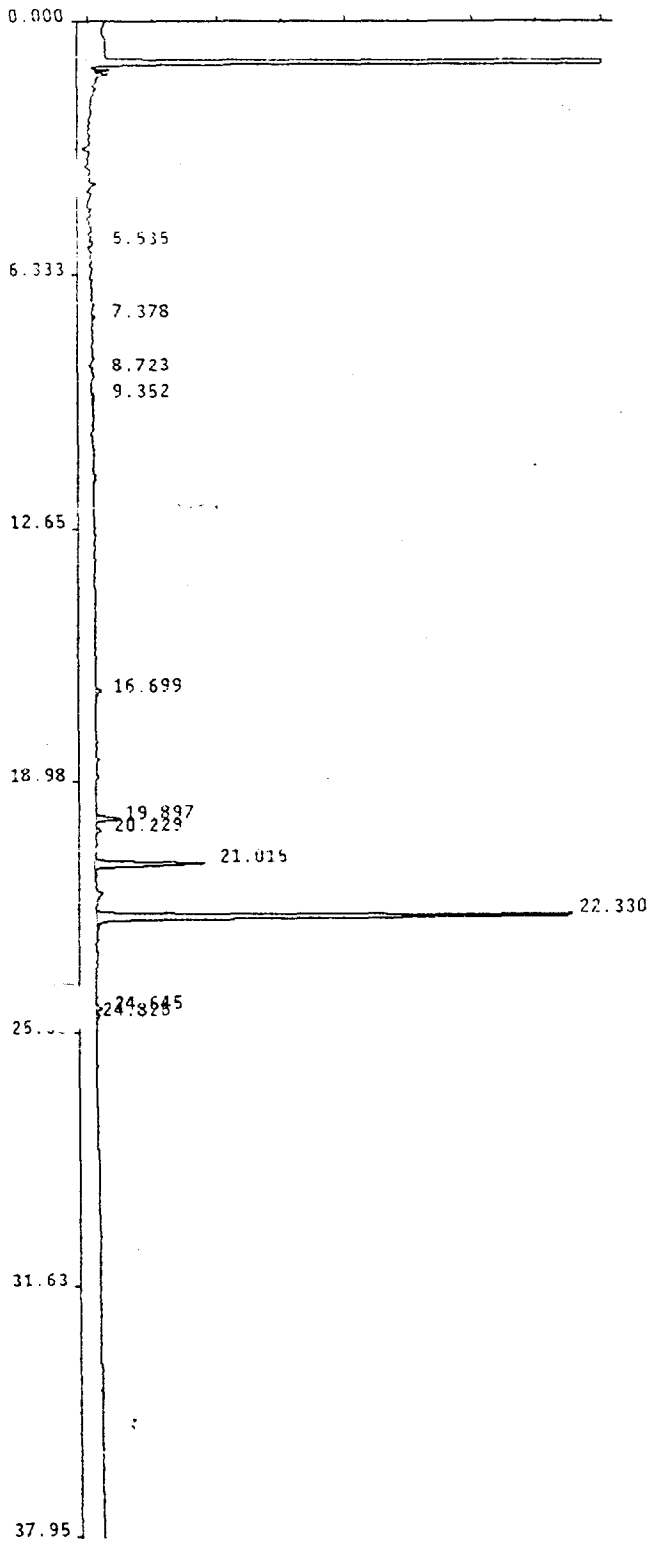
GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	UG/KG	Q
319-84-6	alpha-BHC	390	IU
319-85-7	beta-BHC	390	IU
319-86-8	delta-BHC	390	IU
58-89-9	gamma-BHC (Lindane)	390	IU
76-44-8	Heptachlor	390	IU
309-00-2	Aldrin	390	IU
1024-57-3	Heptachlor epoxide	390	IU
959-98-8	Endosulfan I	390	IU
60-57-1	Dieldrin	750	IU
72-55-9	4,4'-DDE	180	IJ
72-20-8	Endrin	750	IU
33213-65-9	Endosulfan II	750	IU
72-54-8	4,4'-DDD	6200	I
1031-07-8	Endosulfan sulfate	750	IU
50-29-3	4,4'-DDT	750	IU
72-43-5	Methoxychlor	3900	IU
53494-70-5	Endrin ketone	750	IU
7421-93-4	Endrin aldehyde	750	IU
5103-71-9	alpha-Chlordane	390	IU
5103-74-2	gamma-Chlordane	390	IU
8001-35-2	Toxaphene	39000	IU
12674-11-2	Aroclor-1016	7500	IU
11104-28-2	Aroclor-1221	15000	IU
11141-16-5	Aroclor-1232	7500	IU
53469-21-9	Aroclor-1242	7500	IU
12672-29-6	Aroclor-1248	7500	IU
11097-69-1	Aroclor-1254	7500	IU
11096-82-5	Aroclor-1260	7500	IU



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS38 DF=200
 Lab Id : 940641-39 DF=200
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JUL059.RES
 Inject Time : 0842 26Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

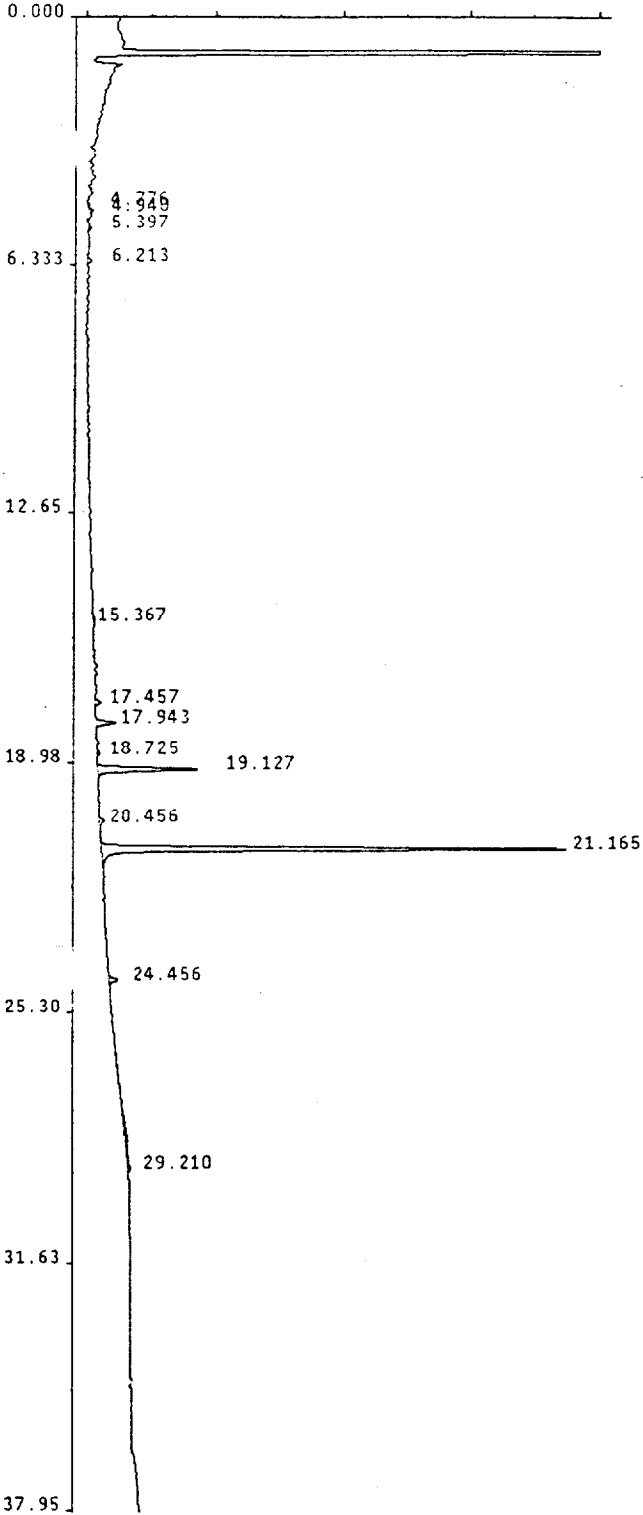
*SM
7/26/94*

Pk #	RT	Area	Code	MASSng	Name
1	5.53	4328	BB	.001	
2	7.38	2727	BB	.000	TCA
3	8.72	2404	BB	.001	
4	9.35	4591	BB	.001	
5	16.70	7365	BB	.002	
6	19.90	22258	BB	.003	4,4'-DDE
7	20.23	4153	BB	.001	
8	21.02	99305	BB	.022	
9	22.33	421519	BB	.082	4,4'-DDD
10	24.64	3800	BB	.001	
11	24.83	2650	BB	.001	

4,4'-DDE
4,4'-DDD

Total Area: 575100

Method File: /DATA/METHOD/INDAB09.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1156 26Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS38 DF=200
 Lab Id : 940641-39 DF=200
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S8P24JUL059.RES
 Inject Time : 0842 26Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.78	2345	PV	.001	
2	4.94	4547	VB	.001	
3	5.40	2324	BB	.001	
4	6.21	3725	BB	.000	
5	15.37	5341	BB	.001	
6	17.46	5083	BB	.000	
7	17.94	20345	BB	.002	A. CHLORBANE
8	18.72	3717	BB	.001	4,4'-DDE
9	19.13	108936	BB	.024	
10	20.46	4820	BB	.001	
11	21.17	484188	BB	.087	4,4'-DDD
12	24.46	10442	BB	.002	METHOXYCHLOR
13	29.21	28213	BB	.002	DDE

Total Area: 684025

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1156 26Jul1994

SM
7/26/94
 TCX SM
7/26/94
 4,4'-DDE
 4,4'-DDD
 DDE
 SM
7/26/94

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2CSS22D

Lab Name: CEIMIC CORP

Contract: OHM

b Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-21

Sample wt/vol: 30.4 (g/mL) G

Lab File ID:

% Moisture: 19 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/24/94

Injection Volume: 1.00 (uL)

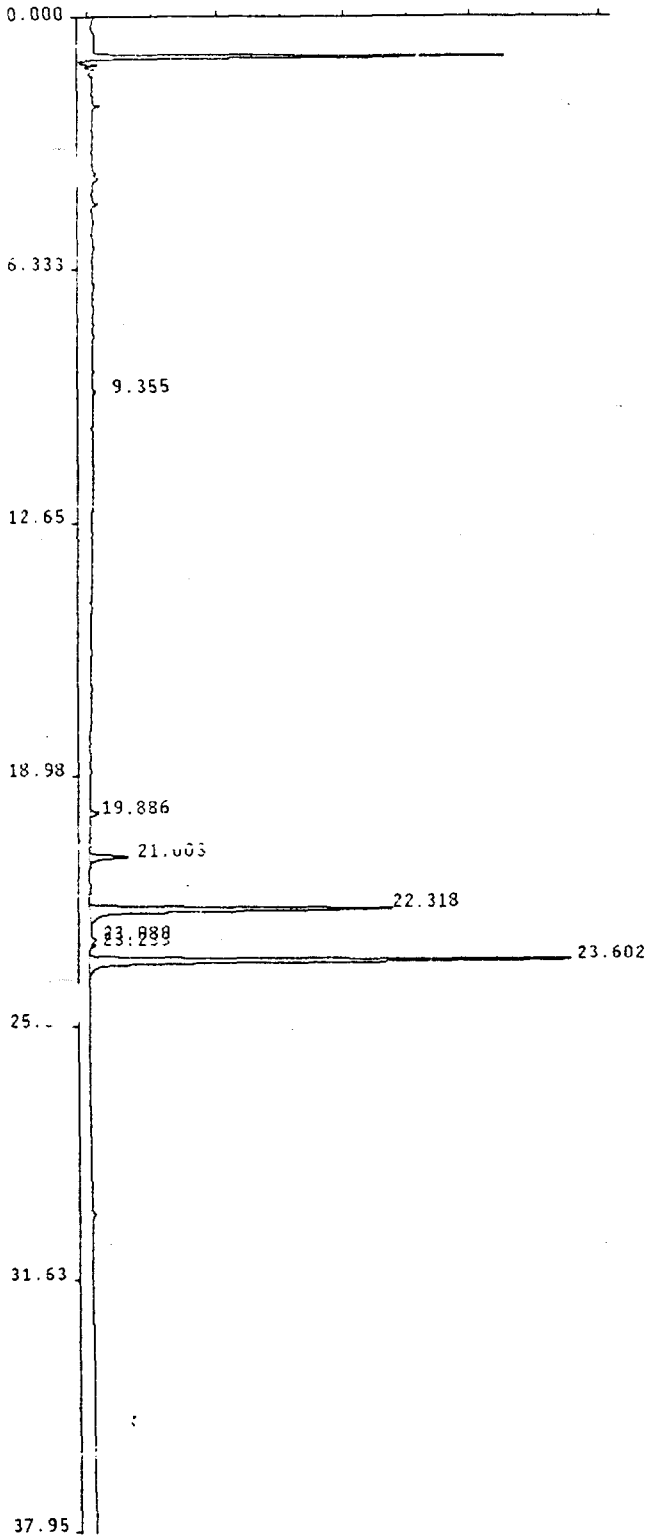
Dilution Factor: 2000

GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	4100	IU
319-85-7	beta-BHC	4100	IU
319-86-8	delta-BHC	4100	IU
58-89-9	gamma-BHC (Lindane)	4100	IU
76-44-8	Heptachlor	4100	IU
309-00-2	Aldrin	4100	IU
1024-57-3	Heptachlor epoxide	4100	IU
959-98-8	Endosulfan I	4100	IU
60-57-1	Dieldrin	8000	IU
72-55-9	4,4'-DDE	8000	IU
72-20-8	Endrin	8000	IU
33213-65-9	Endosulfan II	8000	IU
72-54-8	4,4'-DDD	40000	IP
1031-07-8	Endosulfan sulfate	8000	IU
50-29-3	4,4'-DDT	75000	I
72-43-5	Methoxychlor	41000	IU
53494-70-5	Endrin ketone	8000	IU
7421-93-4	Endrin aldehyde	8000	IU
5103-71-9	alpha-Chlordane	4100	IU
5103-74-2	gamma-Chlordane	4100	IU
8001-35-2	Toxaphene	410000	IU
12674-11-2	Aroclor-1016	80000	IU
11104-28-2	Aroclor-1221	160000	IU
11141-16-5	Aroclor-1232	80000	IU
53469-21-9	Aroclor-1242	80000	IU
12672-29-6	Aroclor-1248	80000	IU
11097-69-1	Aroclor-1254	80000	IU
11096-82-5	Aroclor-1260	80000	IU



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ-CSS22(D) 2000X
 Lab Id : 940641-21
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL005.RES
 Inject Time : 1648 24Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

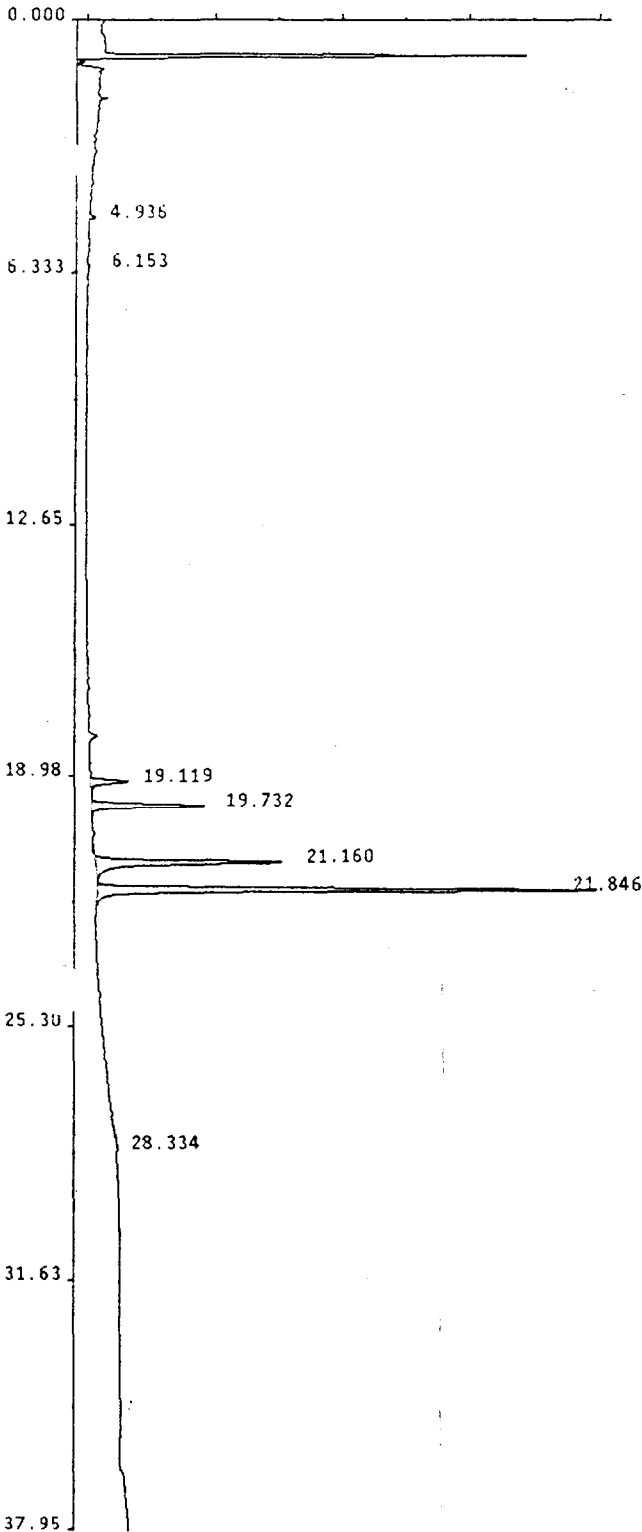
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

J. J. 7/25/94

Pk #	RT	Area	Code	MASSng	Name
1	9.35	2405	BB	.001	
2	19.89	10067	BB	.001	4,4'-DDE <i>7/25/94</i>
3	21.00	47636	BB	.010	
4	22.32	367631	BB	.071	4,4'-DDD
5	23.08	3744	BB	.001	
6	23.23	2867	BB	.001	
7	23.60	570527	BB	.093	4,4'-DDT

Total Area: 1004877

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1639 25Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ-CSS22(D) 2000X
 Lab Id : 940641-21
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL005.RES
 Inject Time : 1648 24Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

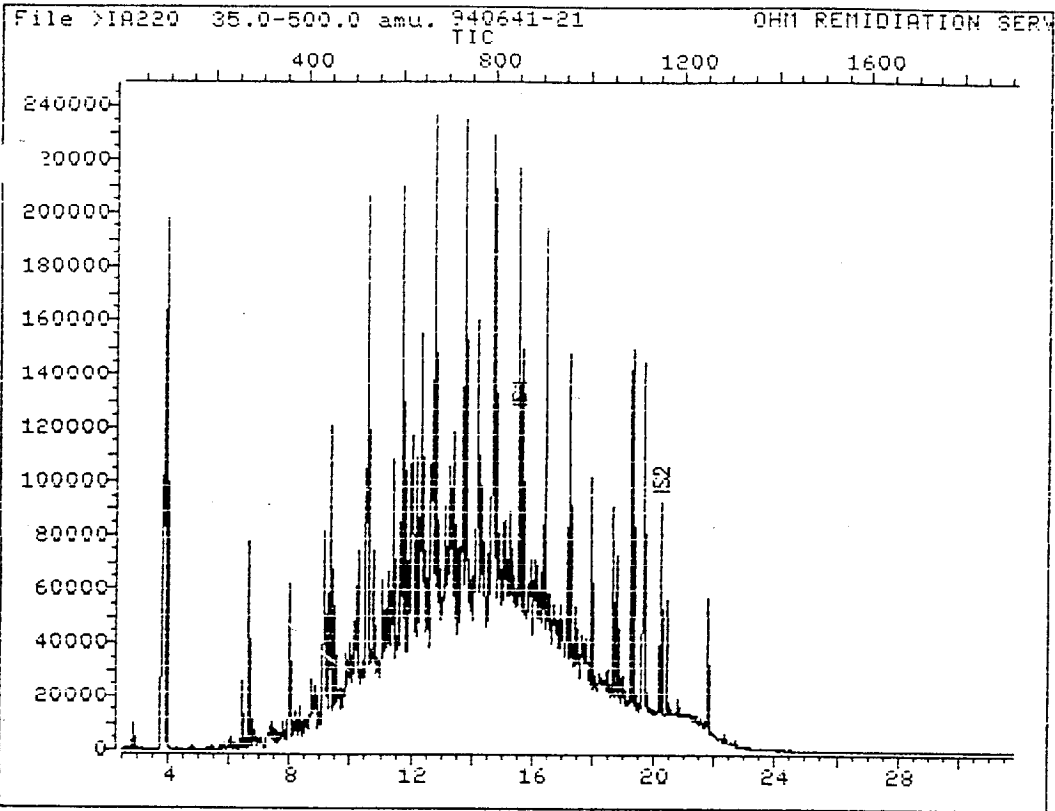
J
 2/25/94

PK #	RT	Area	Code	MmSng	Name
1	4.94	6394	VB	.001	
2	6.15	2797	BB	.001	
3	19.12	50976	BB	.011	
4	19.73	134048	BB	.029	
5	21.16	273665	BB	.049	4,4'-DDD
6	21.85	580598	BB	.098	4,4'-DDT
7	28.33	4025	BB	.001	

Total Area: 1052503

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1648 25Jul1994

TOTAL ION CHROMATOGRAM



Data File: >IA220::D7

Quant Output File: ^IA220::QT

Name: 940641-21

Instrument ID: MS9

Misc: OHM REMEDIATION SERVICE CLJ2-CSS22 (D) SOIL LP

BTL# 9

Id File: PESTI2::SC

Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)

Last Calibration: 870609 15:52

Last Qcal Time: 940725 19:46

Operator ID: BNA11

Quant Time : 940726 19:14

Injected at: 940726 01:10

QUANT REPORT

Page 1

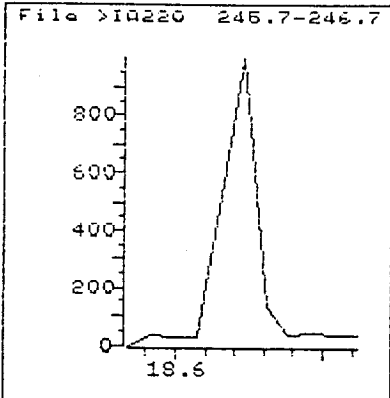
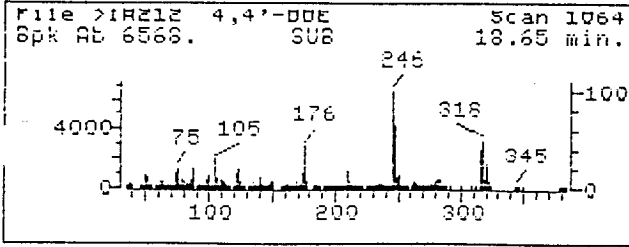
Operator ID: BNA11 Quant Rev: 7 Quant Time: 940726 19:14
 Output File: ^IA220::QT Injected at: 940726 01:10
 Data File: >IA220::D7 Dilution Factor: 1.00000
 Name: 940641-21 Instrument ID: MS9
 Misc: OHM REMEDIATION SERVICE CLJ2-CSS22 (D) SOIL LP BTL# 9

ID File: PESTI2::SC
 Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
 Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

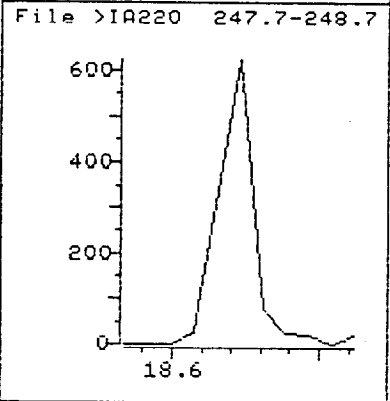
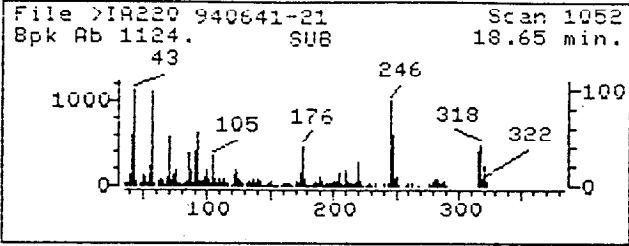
	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*d10-Phenanthrene	15.50	188.0	50716	20.00	ug/L	100
12)	*d12-Chrysene	20.15	240.0	51691	20.00	ug/L	100
13)	4,4'-DDE	18.65	246.0	1739	2.19	ug/L	95
17)	4,4'-DDD	19.22	235.0	71858	58.74	ug/L	88
20)	4,4'-DDT	19.62	235.0	80134	73.42	ug/L	86

* Compound is ISTD

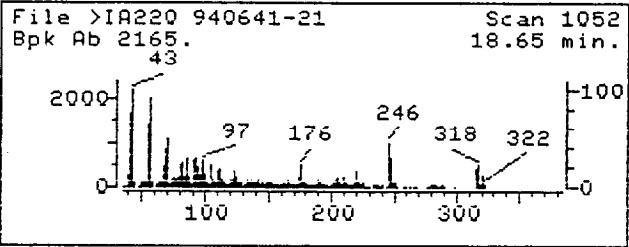
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

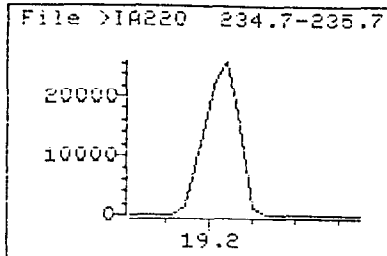
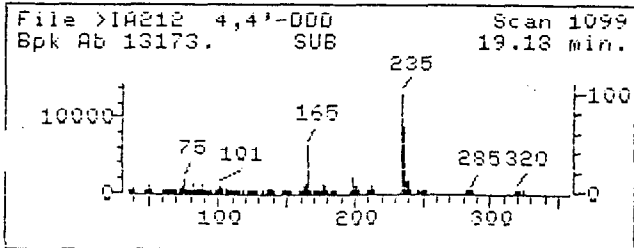


Data File: >IA220::D7
 Name: 940641-21
 Misc: OHM REMEDIATION SERVICE CLJ2-CSS22 (D) SOIL LP
 Quant Time: 940726 19:14
 Injected at: 940726 01:10
 Last Qual Time: 940725 19:46

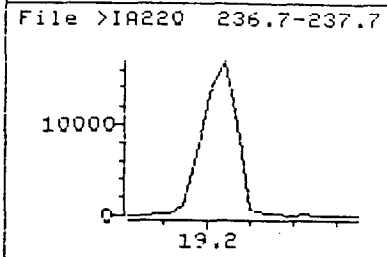
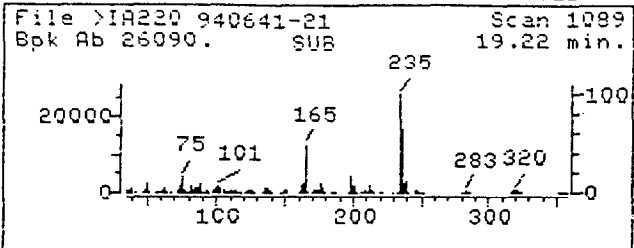
Quant Output File: ^IA220::QT
 Instrument ID: MS9
 BTL# 9
 Quant ID File: PESTI2::SC
 Last Calibration: 870609 15:52

Compound No : 13
 Compound Name : 4,4'-DDE
 Scan Number : 1052
 Retention Time: 18.65 min.
 Quant Ion : 246.0
 Area : 1739
 Concentration : 2.19 ug/L
 q-value : 95

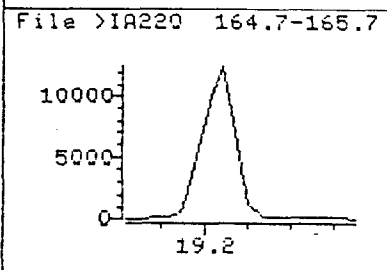
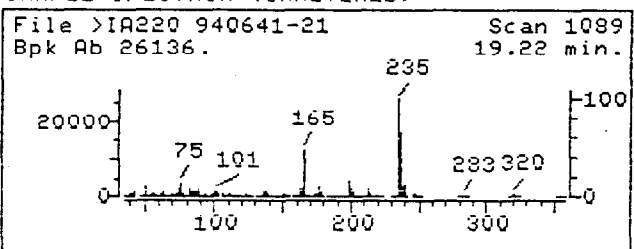
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

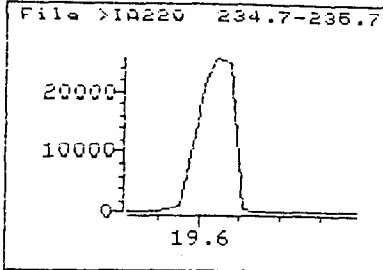
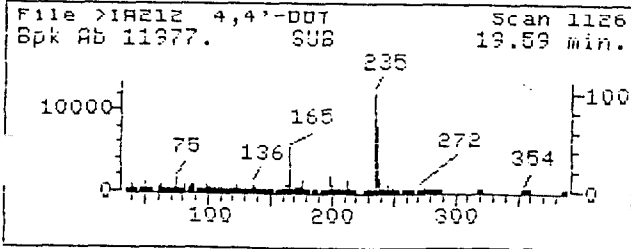


Data File: >IA220::D7
 Name: 940641-21
 Misc: OHM REMEDIATION SERVICE CLJ2-CSS22 (D) SOIL LP BTL# 9
 Quant Time: 940726 19:14
 Injected at: 940726 01:10
 Last Qcal Time: 940725 19:46

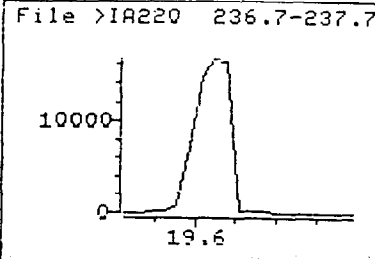
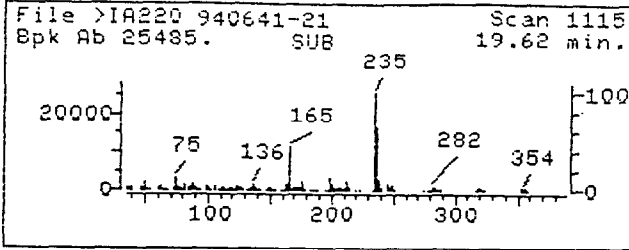
Quant Output File: ^IA220::QT
 Instrument ID: MS9
 Quant ID File: PESTI2::SC
 Last Calibration: 870609 15:52

Compound No : 17
 Compound Name : 4,4'-DDD
 Scan Number : 1089
 Retention Time: 19.22 min.
 Quant Ion : 235.0
 Area : 71858
 Concentration : 58.74 ug/L
 q-value : 88

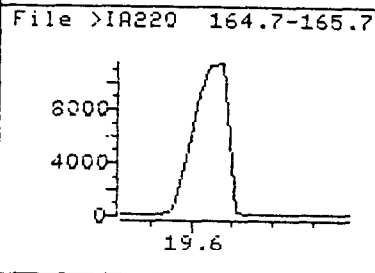
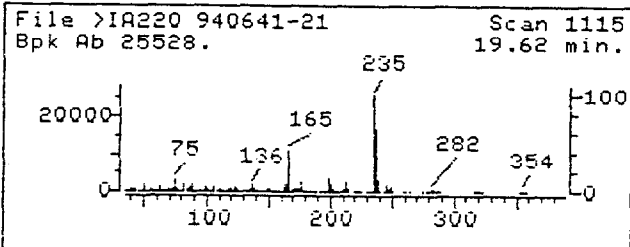
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >IA220::D7

Name: 940641-21

Misc: OHM REMEDIATION SERVICE CLJ2-CSS22 (D) SOIL LP BTL# 9

Quant Time: 940726 19:14

Injected at: 940726 01:10

Last Qcal Time: 940725 19:46

Quant Output File: ^IA220::QT

Instrument ID: MS9

Quant ID File: PESTI2::SC

Last Calibration: 870609 15:52

Compound No : 20
Compound Name : 4,4'-DDT
Scan Number : 1115
Retention Time: 19.62 min.
Quant Ion : 235.0
Area : 80134
Concentration : 73.42 ug/L
q-value : 86

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

(LJ2CSS32D)

Lab Name: CEIMIC CORP

Contract: OHM

Lao Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-32

Sample wt/vol: 30.4 (g/mL) G

Lab File ID:

% Moisture: 5 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL)

Dilution Factor: 1000

GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1800	IU
319-85-7	beta-BHC	1800	IU
319-86-8	delta-BHC	1800	IU
58-89-9	gamma-BHC (Lindane)	1800	IU
76-44-8	Heptachlor	1800	IU
309-00-2	Aldrin	1800	IU
1024-57-3	Heptachlor epoxide	1800	IU
959-98-8	Endosulfan I	1800	IU
60-57-1	Dieldrin	3400	IU
72-55-9	4,4'-DDE	1100	IJ
72-20-8	Endrin	3400	IU
33213-65-9	Endosulfan II	3400	IU
72-54-8	4,4'-DDD	4500	IP
1031-07-8	Endosulfan sulfate	3400	IU
50-29-3	4,4'-DDT	23000	I
72-43-5	Methoxychlor	18000	IU
53494-70-5	Endrin ketone	3400	IU
7421-93-4	Endrin aldehyde	3400	IU
5103-71-9	alpha-Chlordane	1800	IU
5103-74-2	gamma-Chlordane	1800	IU
8001-35-2	Toxaphene	180000	IU
12674-11-2	Aroclor-1016	34000	IU
11104-28-2	Aroclor-1221	70000	IU
11141-16-5	Aroclor-1232	34000	IU
53469-21-9	Aroclor-1242	34000	IU
12672-29-6	Aroclor-1248	34000	IU
11097-69-1	Aroclor-1254	34000	IU
11096-82-5	Aroclor-1260	34000	IU

Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS32(D) DF=1000
 Lab Id : 940641-32 DF=1000
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JUL057.RES
 Inject Time : 0713 26Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

SM 7/26/94

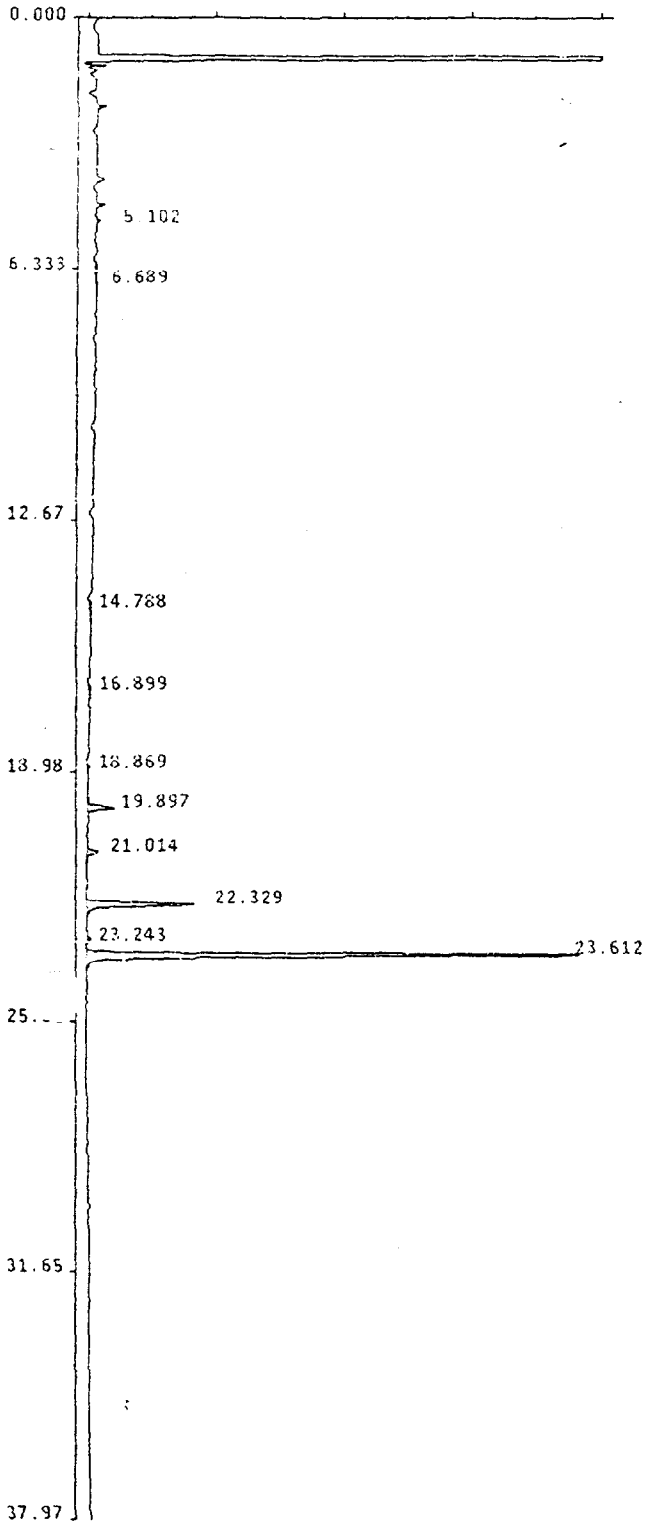
Pk #	RT	Area	Code	MASSng	Name
1	5.10	2918	BB	.001	
2	6.69	8811	BB	.002	
3	14.79	6901	BB	.001	
4	16.90	4612	BB	.001	
5	18.87	2471	BB	.001	
6	19.90	24483	BB	.003	4,4'-DDE
7	21.01	10525	BB	.002	
8	22.33	97443	BB	.019	4,4'-DDD
9	23.24	2827	BB	.001	
10	23.61	415572	BB	.068	4,4'-DDT

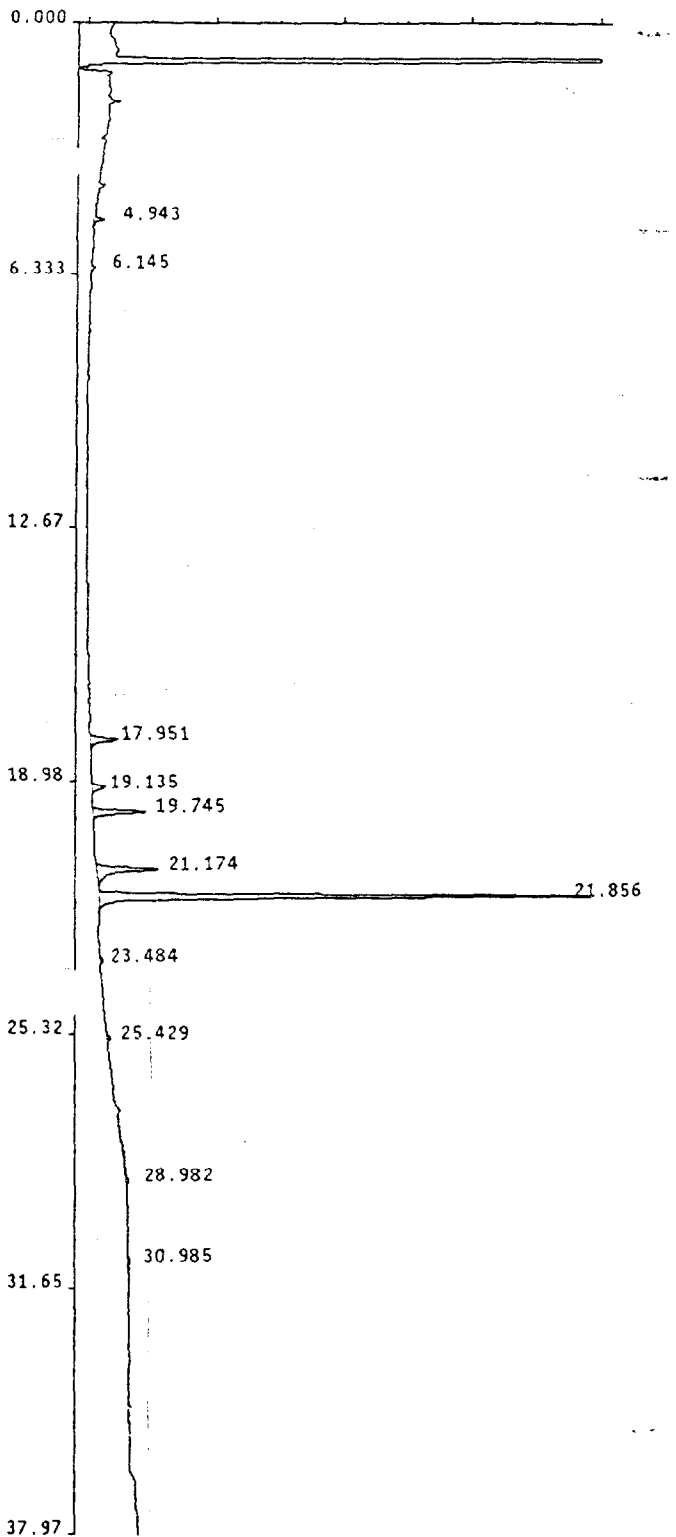
SM 7/26/94
ALORIN

4,4'-DDE
4,4'-DDD
4,4'-DDT

Total Area: 576563

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1152 26Jul1994





Geimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS32(0) DF=1000
 Lab Id : 940641-32 DF=1000
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S8P24JUL057.RES
 Inject Time : 0713 26Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

PK #	RT	Area	Code	MASSng	Name
1	4.94	8084	VB	.002	
2	6.14	2637	BB	.001	
3	17.95	26893	BB	.003	4,4'-DDE
4	19.13	12674	BB	.003	
5	19.75	45999	BB	.010	
6	21.17	72497	BB	.013	4,4'-DDD
7	21.86	399718	BB	.067	4,4'-DDT
8	23.48	3082	BB	.001	
9	25.43	3052	BB	.001	
10	28.98	10557	BB	.002	
11	30.99	3436	BB	.001	

BM
7/26/94

4,4'-DDE
 4,4'-DDD
 4,4'-DDT

Total Area: 588628

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1152 26Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2CSS36D

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-37

Sample wt/vol: 30.2 (g/mL) G

Lab File ID:

% Moisture: 18 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL)

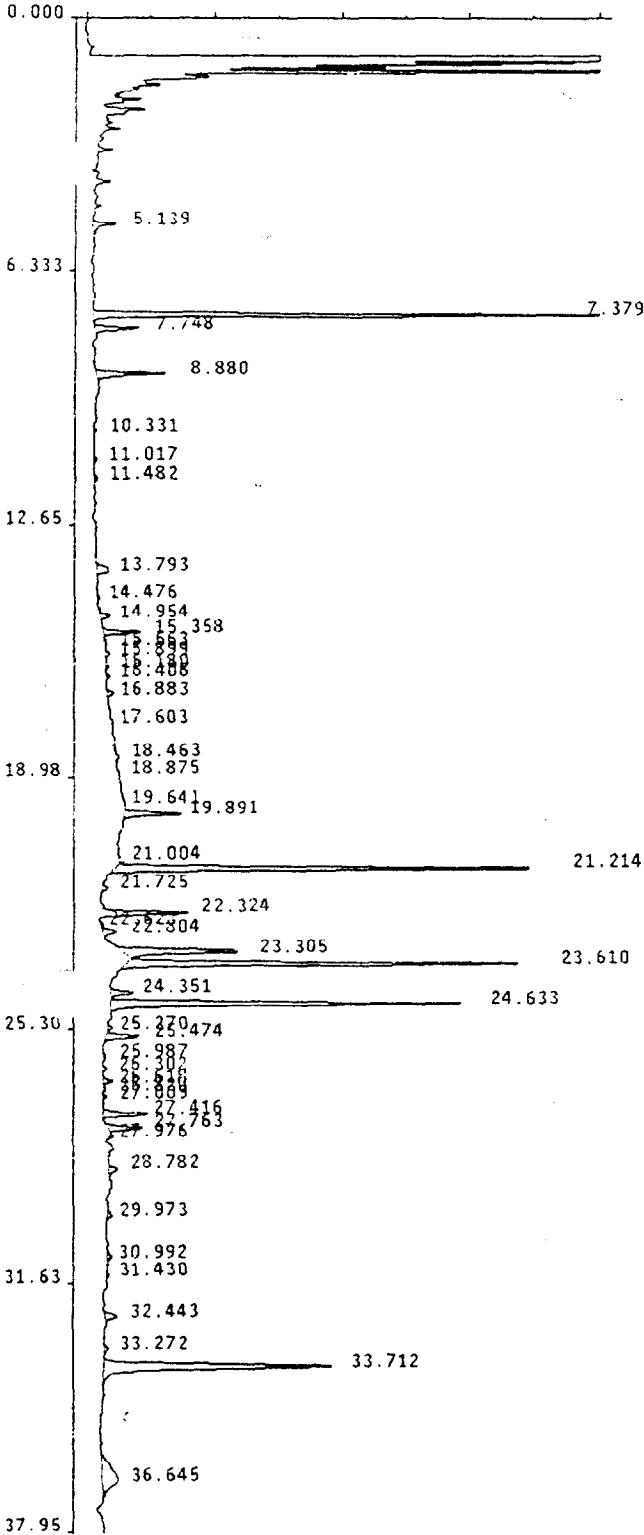
Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-5	alpha-BHC	2.11U	
319-85-7	beta-BHC	2.11U	
319-86-8	delta-BHC	2.11U	
58-89-9	gamma-BHC (Lindane)	2.11U	
76-44-8	Heptachlor	2.11U	
309-00-2	Aldrin	2.11U	
1024-57-3	Heptachlor epoxide	2.11U	
959-98-8	Endosulfan I	2.11U	
60-57-1	Dieldrin	4.01U	
72-55-9	4,4'-DDE	4.01U	
72-20-8	Endrin	4.01U	
33213-65-9	Endosulfan II	4.01U	
72-54-8	4,4'-DDD	4.01U	
1031-07-8	Endosulfan sulfate	4.01U	
50-29-3	4,4'-DDT	25	
72-43-5	Methoxychlor	21	
53494-70-5	Endrin ketone	4.01U	
7421-93-4	Endrin aldehyde	4.01U	
5103-71-9	alpha-Chlordane	2.11U	
5103-74-2	gamma-Chlordane	2.11U	
8001-35-2	Toxaphene	210	
12674-11-2	Aroclor-1016	40	
11104-28-2	Aroclor-1221	81	
11141-16-5	Aroclor-1232	40	
53469-21-9	Aroclor-1242	40	
12672-29-6	Aroclor-1248	40	
11097-69-1	Aroclor-1254	40	
11096-82-5	Aroclor-1260	40	



Sample Name : CLJ2-CSS36(D)
 Lab Id : 940641-37
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL031.RES
 Inject Time : 1200 25Jul1994
 Run Status : EndOffBaseline
 SignalOverload

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng
1	5.14	27975	BB	.006
2	7.38	392466	BB	.038
3	7.75	45197	BB	.010
4	8.88	69971	BB	.015
5	10.33	2184	BB	.000
6	11.02	3869	BB	.001
7	11.48	3860	BB	.001
8	13.79	22960	BB	.005
9	14.48	4681	BB	.001
10	14.95	12688	BB	.003
11	15.36	35612	BB	.008
12	15.66	2862	BB	.001
13	15.90	4486	BB	.001
14	16.18	2882	BB	.001
15	16.41	4558	BB	.001
16	16.88	7167	BB	.002
17	17.60	2476	BB	.001
18	18.46	7318	BB	.002
19	18.88	2353	BB	.001
20	19.64	2010	BB	.000
21	19.89	56249	BB	.007
22	21.00	6120	BB	.001
23	21.21	430528	BB	.095
24	21.73	6096	BB	.001
25	22.32	85703	BB	.017
26	22.62	2449	BB	.001
27	22.80	17878	BB	.004
28	23.30	134969	BB	.030
29	23.61	378154	BB	.061
30	24.35	23129	BB	.005
31	24.63	402246	BB	.088
32	25.27	3251	BB	.001
33	25.47	37291	BB	.008
34	25.99	4108	BB	.001
35	26.30	4416	BB	.001
36	26.62	9826	BB	.002
37	26.82	2763	BB	.001
38	27.01	3899	BB	.001
39	27.42	45994	BB	.012
40	27.76	39808	BB	.007
41	27.98	4451	BB	.001

Name

TCX

4,4'-DDT

ENDRIN

4,4'-DDD

4,4'-DDT

METHOXYCHLOR

ENDRIN KETONE

[Handwritten signature]
7/25/94

[Handwritten signature]
7/25/94

[Handwritten signature]
7/25/94

[Handwritten signature]
7/25/94

Sample Name : CLJ2-CSS36(D)
 Lab Id : 940641-37
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JUL031.RES
 Inject Time : 1200 25Jul1994
 Run Status : EndOffBaseline

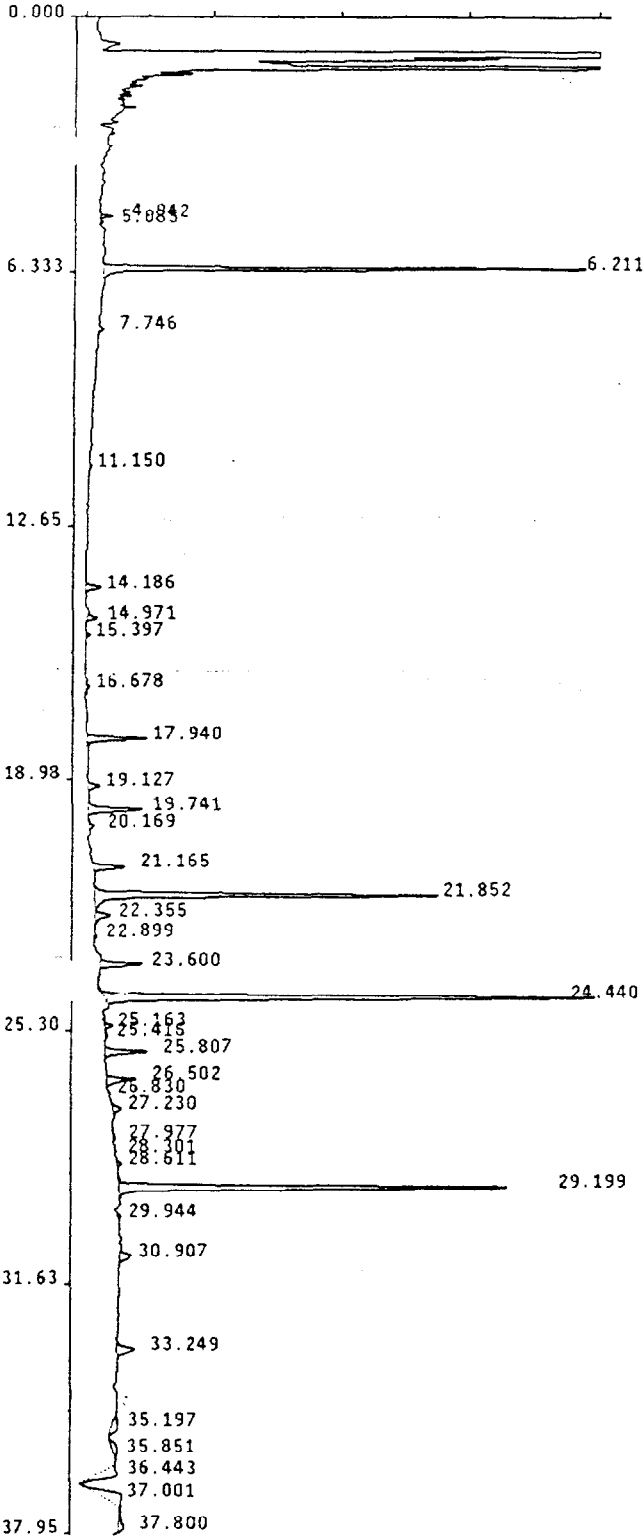
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
42	28.78	12883	BB	.003	
43	29.97	7444	BB	.002	
44	30.99	9236	BB	.002	
45	31.43	2486	BB	.001	
46	32.44	17240	BB	.004	
47	33.27	6076	BB	.001	
48	33.71	397287	BB	.040	DCB
49	36.64	94143	BB	.021	

JG 7/25/94

Total Area: 2903699

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1743 25Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS36(D)
 Lab Id : 940641-37
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL031.RES
 Inject Time : 1200 25Jul1994
 Run Status : EndOffBaseline
 SignalOverload

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Jr
7/25/94

Pk #	RT	Area	Code	MASSng	Name
1	4.94	10316	VB	.002	
2	5.08	3343	BB	.001	
3	6.21	425504	BB	.037	TCX
4	7.75	5733	BB	.001	
5	11.15	4576	BB	.001	
6	14.19	19780	BB	.003	BETA-BHC
7	14.97	9715	BB	.002	
8	15.40	6956	BB	.002	
9	16.68	5650	BB	.001	
10	17.94	74874	BB	.009	4,4'-DDE
11	19.13	16461	BB	.004	
12	19.74	70197	BB	.015	
13	20.17	7400	BB	.002	
14	21.16	42806	BB	.008	4,4'-DDD
15	21.85	406676	BB	.069	4,4'-DDT
16	22.36	23614	BB	.005	
17	22.90	3738	BB	.001	ENDRIN ALDEH
18	23.60	52918	BB	.012	
19	24.44	647526	BB	.152	METHOXYCHLOR
20	25.16	9451	BB	.002	
21	25.42	4603	BB	.001	
22	25.81	56444	BB	.011	ENDRIN KETON
23	26.50	40026	BB	.009	
24	26.83	2206	BB	.000	
25	27.23	15384	BB	.003	
26	27.98	5434	BB	.001	
27	28.30	3068	BB	.001	
28	28.61	6147	BB	.001	
29	29.20	539805	BB	.040	DCB
30	29.94	4874	BB	.001	
31	30.91	23437	BB	.005	
32	33.25	36149	BB	.008	
33	35.20	29412	BB	.006	
34	35.85	22538	BB	.005	
35	36.44	57481	BB	.013	
36	37.00	84352	BB	.019	
37	37.80	16947	BB	.004	

Jr
7/25/94

Jr
7/25/94

Jr
7/25/94

Jr
7/25/94

Jr
7/25/94

Total Area: 2795543

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1755 25Jul1994

PESTICIDES/PCBS

c. Standards Data

6D
PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Instrument ID: ADB_1

Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB1701

ID: 0.53(mm)

Date(s) Analyzed: 07/21/94 07/22/94

COMPOUND	RT OF STANDARDS			MEAN	RT WINDOW	
	LOW	MID	HIGH	RT	FROM	TO
alpha-BHC	9.50	9.50	9.51	9.50	9.45	9.55
beta-BHC	14.18	14.18	14.18	14.18	14.13	14.23
delta-BHC	15.14	15.14	15.14	15.14	15.09	15.19
gamma-BHC (Lindane)	11.09	11.08	11.09	11.09	11.04	11.14
Heptachlor	11.96	11.96	11.96	11.96	11.91	12.01
Aldrin	13.08	13.08	13.08	13.08	13.03	13.13
Heptachlor epoxide	15.84	15.84	15.84	15.84	15.77	15.91
Endosulfan I	16.95	16.95	16.95	16.95	16.88	17.02
Dieldrin	18.47	18.47	18.47	18.47	18.40	18.54
4,4'-DDE	17.95	17.95	17.94	17.95	17.88	18.02
Endrin	19.29	19.29	19.29	19.29	19.22	19.36
Endosulfan II	21.28	21.28	21.28	21.28	21.21	21.35
4,4'-DDD	21.18	21.17	21.16	21.17	21.10	21.24
Endosulfan sulfate	24.20	24.21	24.20	24.20	24.13	24.27
4,4'-DDT	21.86	21.85	21.85	21.85	21.78	21.92
Methoxychlor	24.41	24.40	24.39	24.40	24.33	24.47
Endrin ketone	25.82	25.82	25.82	25.82	25.75	25.89
Endrin aldehyde	22.95	22.95	22.95	22.95	22.88	23.02
alpha Chlordane	17.44	17.44	17.44	17.44	17.37	17.51
gamma Chlordane	17.21	17.21	17.21	17.21	17.14	17.28
Tetrachloro-m-xylene	6.21	6.21	6.21	6.21	6.16	6.26
Decachlorobiphenyl	29.21	29.20	29.20	29.20	29.10	29.30

* Surrogate retention times are measured from Standard Mix A analyses

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Instrument ID: AD9_1

Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB608

ID: 0.53(mm)

Date(s) Analyzed: 07/21/94 07/22/94

COMPOUND	CALIBRATION FACTORS				
	LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	16740000	16600000	17870000	17070000	9.81
beta-BHC	15740000	15970000	15320000	15680000	5.81
delta-BHC	15770000	16380000	16220000	16120000	5.21
gamma-BHC (Lindane)	17080000	17790000	17930000	17600000	6.01
Heptachlor	110300000	110400000	110200000	110300000	1.01
Aldrin	17890000	18620000	18830000	18450000	5.81
Heptachlor epoxide	18160000	18960000	18070000	18400000	5.81
Endosulfan I	16800000	16810000	16900000	16840000	0.81
Dieldrin	16480000	16980000	17680000	17050000	8.61
4,4'-DDE	17130000	18050000	18070000	17750000	6.91
Endrin	15440000	15970000	16470000	15960000	8.61
Endosulfan II	15420000	15720000	15080000	15410000	5.91
4,4'-DDD	14840000	15160000	15410000	15140000	5.61
Endosulfan sulfate	16060000	16810000	16430000	16430000	5.81
4,4'-DDT	15490000	16150000	16830000	16160000	10.91
Methoxychlor	13490000	13710000	13250000	13480000	6.61
Endrin ketone	15210000	15690000	14900000	15270000	7.61
Endrin aldehyde	13960000	14400000	13720000	14030000	8.61
alpha Chlordane	19330000	19570000	19520000	19470000	1.31
gamma Chlordane	19610000	110600000	19650000	19950000	5.61
Tetrachloro-m-xylene	19910000	110400000	110300000	110200000	2.51
Decachlorobiphenyl	19860000	19810000	18730000	19470000	6.71

* Surrogate calibration factors are measured from Standard Mix A analyses

%RSD must be less than or equal 20.0% for all compounds except the surrogates, where %RSD must be less than or equal to 30.0%. Up to two target compounds, but not surrogates, may have %RSD greater than 20.0% but less than or equal to 30.0%.

6E
PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Instrument ID: AD8_1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB1701 ID: 0.53(mm) Date(s) Analyzed: 07/21/94 07/22/94

COMPOUND	CALIBRATION FACTORS				%RSD
	LOW	MID	HIGH	MEAN	
alpha-BHC	16510000	17040000	18870000	17470000	16.6
beta-BHC	15910000	16590000	16190000	16230000	5.5
delta-BHC	14780000	15790000	16190000	15590000	13.0
gamma-BHC (Lindane)	17220000	17940000	19590000	18250000	14.7
Heptachlor	112400000	112400000	113000000	112600000	2.7
Aldrin	19280000	110300000	110600000	110100000	6.9
Heptachlor epoxide	110600000	111900000	111000000	111200000	6.0
Endosulfan I	18710000	19260000	19580000	19180000	4.8
Dieldrin	18000000	18960000	19810000	18920000	10.2
4,4'-DDE	17600000	18780000	19290000	18560000	10.1
Endrin	17170000	18080000	18680000	17980000	9.5
Endosulfan II	16810000	17960000	17340000	17370000	7.8
4,4'-DDD	15170000	15570000	16220000	15650000	9.4
Endosulfan sulfate	16670000	18290000	17800000	17590000	11.0
4,4'-DDT	14850000	15930000	17060000	15950000	18.6
Methoxychlor	14040000	14250000	13790000	14030000	5.7
Endrin ketone	13990000	15370000	15300000	14890000	15.9
Endrin aldehyde	13850000	14340000	14410000	14200000	7.3
alpha Chlordane	110700000	112000000	113000000	111300000	5.7
gamma Chlordane	111000000	112300000	111700000	111700000	5.6
Tetrachloro-m-xylene	113000000	111600000	114000000	111400000	1.3
Decachlorobiphenyl	113600000	113400000	111500000	112800000	9.0

* Surrogate calibration factors are measured from Standard Mix A analyses

%RSD must be less than or equal 20.0% for all compounds except the surrogates, where %RSD must be less than or equal to 30.0%. Up to two target compounds, but not surrogates, may have %RSD greater than 20.0% but less than or equal to 30.0%.

6F
PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Instrument ID: AD9_1

Date(s) Analyzed: 07/21/94 07/21/94

GC Column: DB608

ID: 0.53(mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	TO	CALIBRATION FACTOR
Toxaphene	0.500	*1	16.04	15.97	16.11	34300
		*2	21.93	21.86	22.00	60200
		*3	22.60	22.53	22.67	171000
		4	23.62	23.55	23.69	114000
		5	26.11	26.04	26.18	122000
Aroclor 1016	0.100	*1	10.09	10.02	10.16	308000
		*2	11.88	11.81	11.95	708000
		*3	13.46	13.39	13.53	1090000
		4	14.16	14.09	14.23	361000
		5	16.27	16.20	16.34	314000
Aroclor 1221	0.200	*1	9.18	9.11	9.25	152000
		*2	9.82	9.75	9.89	111000
		*3	10.09	10.02	10.16	349000
		4	11.85	11.78	11.92	102000
		5	13.46	13.39	13.53	57100
Aroclor 1232	0.100	*1	9.81	9.74	9.88	49500
		*2	10.08	10.01	10.15	193000
		*3	11.87	11.80	11.94	167000
		4	13.45	13.38	13.52	224000
		5	16.26	16.19	16.33	65200
Aroclor 1242	0.100	*1	10.08	10.01	10.15	259000
		*2	11.87	11.80	11.94	594000
		*3	13.45	13.38	13.52	884000
		4	14.16	14.09	14.23	289000
		5	16.26	16.19	16.33	269000
Aroclor 1248	0.100	*1	11.87	11.80	11.94	261000
		*2	13.45	13.38	13.52	669000
		*3	16.26	16.19	16.33	331000
		4	17.40	17.33	17.47	330000
		5	17.67	17.60	17.74	411000
Aroclor 1254	0.100	*1	14.86	14.79	14.93	327000
		*2	18.02	17.95	18.09	427000
		*3	18.30	18.23	18.37	502000
		4	20.55	20.48	20.62	462000
		5	23.56	23.49	23.63	345000
Aroclor 1260	0.100	*1	21.32	21.25	21.39	838000
		*2	21.70	21.63	21.77	882000
		*3	25.26	25.19	25.33	401000
		4	25.84	25.77	25.91	1140000
		5	27.80	27.73	27.87	404000

* Denotes required peaks

6F
PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Instrument ID: AD8_1

Date(s) Analyzed: 07/21/94 07/21/94

GC Column: DB1701

ID: 0.53(mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	0.500	*1	15.03	14.96	15.10	33100
		*2	19.00	18.93	19.07	68100
		*3	20.52	20.45	20.59	66300
		4	22.56	22.49	22.63	72000
		5	24.00	23.93	24.07	130000
Aroclor 1016	0.100	*1	8.38	8.31	8.45	328000
		*2	9.84	9.77	9.91	672000
		*3	11.70	11.63	11.77	1010000
		4	13.09	13.02	13.16	898000
		5	14.03	13.96	14.10	514000
Aroclor 1221	0.200	*1	7.57	7.50	7.64	120000
		*2	8.14	8.07	8.21	94300
		*3	8.37	8.30	8.44	401000
		4	9.84	9.77	9.91	34900
		5	11.70	11.63	11.77	50700
Aroclor 1232	0.100	*1	8.38	8.31	8.45	196000
		*2	9.84	9.77	9.91	132000
		*3	11.70	11.63	11.77	194000
		4	13.09	13.02	13.16	166000
		5	14.02	13.95	14.09	95400
Aroclor 1242	0.100	*1	9.83	9.76	9.90	559000
		*2	11.69	11.62	11.76	794000
		*3	13.08	13.01	13.15	724000
		4	14.02	13.95	14.09	425000
		5	14.40	14.33	14.47	293000
Aroclor 1248	0.100	*1	11.70	11.63	11.77	578000
		*2	13.08	13.01	13.15	1040000
		*3	14.02	13.95	14.09	574000
		4	15.75	15.68	15.82	916000
		5	16.67	16.60	16.74	307000
Aroclor 1254	0.100	*1	13.02	12.95	13.09	554000
		*2	15.62	15.55	15.69	331000
		*3	16.41	16.34	16.48	485000
		4	18.22	18.15	18.29	498000
		5	21.19	21.12	21.26	468000
Aroclor 1260	0.100	*1	18.83	18.76	18.90	963000
		*2	19.80	19.73	19.87	1060000
		*3	22.59	22.52	22.66	576000
		4	23.78	23.71	23.85	1440000
		5	25.17	25.10	25.24	844000

* Denotes required peaks

Date -> 9:04 AM WED., 27 JULY, 1994
 Method File -> /DATA/METHOD/INDABRSD95L.MTH
 Instrument -> AD_9

Compound	3 X RT 50	MEAN RF	% RSD RF	JUL011.RES .0050	JUL015.RES .0200	JUL019.RES .0800	JUL013.RES .0100	JUL017.RES .0400
TCX	.0036	.66816E-06	8.00	.98848E-07	.87191E-07	.94087E-07	.84516E-07	.91392E-07
ALPHA-BHC	0.0000	.13124E-06	13.63	.14835E-06	.15152E-06	.12713E-06	.11294E-06	.11628E-06
GAMMA-BHC	0.0000	.12313E-06	10.94	.14122E-06	.12836E-06	.12618E-06	.10732E-06	.11255E-06
BETA-BHC	.0269	.17094E-06	6.36	.17410E-06	.16743E-06	.18806E-06	.15959E-06	.16554E-06
HEPTACHLOR	.0073	.56564E-05	10.71	.97037E-07	.96113E-07	.97773E-07	.75878E-07	.84738E-07
DELTA-BHC	.0047	.15396E-06	9.53	.17322E-06	.15684E-06	.16073E-06	.14242E-06	.13657E-06
ALDRIN	.0063	.11312E-06	8.21	.12671E-06	.11599E-06	.11328E-06	.10750E-06	.10215E-06
H. EPOXIDE	.0042	.10625E-06	17.47	.12257E-06	.11157E-06	.12385E-06	.85346E-07	.87914E-07
G. CHLORDANE	.0041	.99421E-07	4.27	.10411E-06	.94375E-07	.10360E-06	.97539E-07	.97482E-07
A. CHLORDANE	.0036	.10028E-06	7.31	.10716E-06	.10452E-06	.10507E-06	.91975E-07	.92685E-07
ENDOSULF. I	0.0000	.13555E-06	11.32	.14701E-06	.14683E-06	.14501E-06	.11330E-06	.12563E-06
4,4'-DDE	.0052	.12517E-06	7.66	.14032E-06	.12417E-06	.12385E-06	.12387E-06	.11361E-06
DIELDRIN	0.0000	.13224E-06	12.52	.15439E-06	.14317E-06	.13019E-06	.11621E-06	.11723E-06
ENDRIN	0.0000	.15631E-06	12.67	.18377E-06	.16761E-06	.15450E-06	.13731E-06	.13835E-06
4,4'-DDD	0.0000	.17914E-06	13.07	.20646E-06	.19377E-06	.18472E-06	.14940E-06	.16134E-06
ENDOSULF. II	.0050	.17056E-06	12.70	.18441E-06	.17479E-06	.19673E-06	.14691E-06	.14998E-06
4,4'-DDT	0.0000	.15137E-06	14.01	.18227E-06	.16253E-06	.14651E-06	.13410E-06	.13145E-06
ENDRIN ALDEH	.0040	.21533E-06	22.83	.25280E-06	.22717E-06	.26848E-06	.15921E-06	.16897E-06
ENDO. SULFAT	.0039	.14756E-06	8.81	.16494E-06	.14695E-06	.15551E-06	.13664E-06	.13373E-06
METHOXYCHLOR	0.0000	.26528E-06	13.74	.28658E-06	.26772E-06	.30814E-06	.21292E-06	.24906E-06
ENDRIN KETON	.0042	.18105E-06	9.25	.19207E-06	.17560E-06	.20420E-06	.16338E-06	.17003E-06
OCS	.0036	.97509E-07	10.74	.99600E-07	.94026E-07	.11494E-06	.85791E-07	.94082E-07

***** END OF REPORT *****

Date -> 9:36 AM WED., 27 JULY, 1994
 Method File -> /DATA/METHOD/INDABRSD85L.MTH
 Instrument -> AD_8

Compound	3 X RT SD	MEAN RF	% RSD RF	JUL011.RES .0050	JUL015.RES .0200	JUL019.RES .0800	JUL013.RES .0100	JUL017.RES .0400
TCX	.0040	.82123E-07	6.23	.85771E-07	.80997E-07	.88909E-07	.78071E-07	.76869E-07
ALPHA-SHC	0.0000	.12691E-06	15.53	.15362E-06	.14213E-06	.11271E-06	.11633E-06	.10974E-06
GAMMA-SHC	0.0000	.11398E-06	15.25	.13856E-06	.12587E-06	.10426E-06	.10286E-06	.96389E-07
HEPTACHLOR	.0075	.67447E-05	11.30	.80881E-07	.80606E-07	.76998E-07	.62509E-07	.67954E-07
ALDRIN	.0064	.95348E-07	8.56	.10774E-06	.96730E-07	.94056E-07	.93054E-07	.85159E-07
BETA-SHC	.0048	.15536E-06	6.24	.16908E-06	.15182E-06	.16157E-06	.14827E-06	.14605E-06
DELTA-SHC	.0042	.16885E-06	14.69	.20919E-06	.17257E-06	.16160E-06	.15720E-06	.14370E-06
H. EPOXIDE	.0049	.83540E-07	11.22	.94356E-07	.84050E-07	.90896E-07	.75907E-07	.72491E-07
ENDOSULF. I	.0024	.22080E-05	11.59	.11493E-06	.10793E-06	.10493E-06	.86320E-07	.91877E-07
G. CHLORDANE	.0062	.83451E-07	6.03	.90947E-07	.81127E-07	.85814E-07	.81363E-07	.78003E-07
A. CHLORDANE	.0055	.84365E-07	7.70	.93392E-07	.83166E-07	.88134E-07	.80076E-07	.77054E-07
4,4'-DDE	.0097	.11189E-06	11.06	.13161E-06	.11387E-06	.10766E-06	.10811E-06	.98204E-07
DIELDRIN	0.0000	.10403E-06	14.01	.12498E-06	.11162E-06	.10190E-06	.91192E-07	.90459E-07
ENDRIN	0.0000	.11646E-06	13.60	.13948E-06	.12369E-06	.11517E-06	.10221E-06	.10173E-06
4,4'-DDD	0.0000	.16407E-06	13.55	.19351E-06	.17938E-06	.16086E-06	.14265E-06	.14393E-06
ENDOSULF. II	.0045	.12519E-06	13.55	.14683E-06	.12558E-06	.13619E-06	.11115E-06	.10620E-06
4,4'-DDT	0.0000	.15850E-06	18.88	.20618E-06	.16851E-06	.14173E-06	.14476E-06	.13133E-06
ENDRIN ALDEH	.0042	.19985E-06	27.53	.25973E-06	.23019E-06	.22683E-06	.13950E-06	.14299E-06
ENDO. SULFAT	.0046	.12597E-06	11.78	.14989E-06	.12068E-06	.12827E-06	.12082E-06	.11018E-06
METHOXYCHLOR	0.0000	.22759E-06	14.78	.24767E-06	.23531E-06	.26359E-06	.17655E-06	.21481E-06
ENDRIN KETON	.0047	.19406E-06	17.11	.25035E-06	.18614E-06	.18872E-06	.18317E-06	.16194E-06
DCB	.0072	.69032E-07	13.95	.61655E-07	.67895E-07	.85239E-07	.61812E-07	.68561E-07

... END OF REPORT *****

66
PESTICIDE ANALYTE RESOLUTION SUMMARY

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

GC Column (1): DB1701

ID: 0.53(mm)

Instrument ID (1): AD8_1

EPA Sample No. (Standard 1): RESC1A

Lab Sample ID (1): RESC1A

Date Analyzed (1): 07/21/94

Time Analyzed (1): 1205

ANALYTE	RT	RESOLUTION (%)
01 Tetrachloro-m-xylene_____	6.22	100.0
02 Endosulfan I_____	16.97	100.0
03 gamma-Chlordane_____	17.23	100.0
04 4,4'-DDE_____	17.96	100.0
05 Dieldrin_____	18.49	100.0
06 Endosulfan sulfate_____	24.23	86.5
07 Methoxychlor_____	24.43	100.0
08 Endrin ketone_____	25.84	100.0
09 Decachlorobiphenyl_____	29.22	

GC Column (2): DB608

ID: 0.53(mm)

Instrument ID (2): AD9_1

EPA Sample No. (Standard 2): RESC0A

Lab Sample ID (2): RESC0A

Date Analyzed (2): 07/21/94

Time Analyzed (2): 1205

ANALYTE	RT	RESOLUTION (%)
01 Tetrachloro-m-xylene_____	7.38	100.0
02 gamma-Chlordane_____	17.97	100.0
03 Endosulfan I_____	18.77	100.0
04 4,4'-DDE_____	19.92	92.7
05 Dieldrin_____	20.13	100.0
06 Endosulfan sulfate_____	24.50	100.0
07 Methoxychlor_____	27.43	96.2
08 Endrin ketone_____	27.78	100.0
09 Decachlorobiphenyl_____	33.73	

Resolution of two adjacent peaks must be calculated as a percentage of the height of the smaller peak, and must be greater than or equal to 60.0%.

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

GC Column: DB608

ID: 0.53(mm)

Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK0D

Date Analyzed : 07/25/94

Lab Sample ID (PIBLK): PIBLK0D

Time Analyzed : 0903

EPA Sample No. (PEM): PEM0D

Date Analyzed : 07/25/94

Lab Sample ID (PEM): PEM0D

Time Analyzed : 0947

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	10.24	10.19	10.29	0.009	0.010	10.0
beta-BHC	12.30	12.26	12.36	0.009	0.010	10.0
gamma-BHC (Lindane)	11.94	11.89	11.99	0.009	0.010	10.0
Endrin	21.71	21.63	21.77	0.054	0.050	8.0
4,4'-DDT	23.62	23.54	23.68	0.111	0.100	11.0
Methoxychlor	27.42	27.34	27.48	0.254	0.250	1.6

4,4'-DDT % breakdown (1): 1.7

Endrin % breakdown (1): 4.6

Combined % breakdown (1): 6.3

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM
 Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS22D
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK1B Date Analyzed : 07/24/94

Lab Sample ID (PIBLK): PIBLK1B Time Analyzed : 1348

EPA Sample No. (PEM): PEM1C Date Analyzed : 07/24/94

Lab Sample ID (PEM): PEM1C Time Analyzed : 1604

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	9.50	9.45	9.55	0.010	0.010	0.0
beta-BHC	14.17	14.13	14.23	0.008	0.010	20.0
gamma-BHC (Lindane)	11.08	11.04	11.14	0.009	0.010	10.0
Endrin	19.28	19.22	19.36	0.048	0.050	4.0
4,4'-DDT	21.84	21.78	21.92	0.117	0.100	17.0
Methoxychlor	24.39	24.33	24.47	0.244	0.250	2.4

4,4'-DDT % breakdown (1): 0.4 Endrin % breakdown (1): 4.2
 Combined % breakdown (1): 4.6

QC LIMITS:

- RPD of amounts in PEM must be less than or equal to 25.0%
- 4,4'-DDT breakdown must be less than or equal to 20.0%
- Endrin breakdown must be less than or equal to 20.0%
- Combined breakdown must be less than or equal to 30.0%

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

GC Column: DB1701

ID: 0.53(mm)

Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK1C

Date Analyzed : 07/24/94

Lab Sample ID (PIBLK): PIBLK1C

Time Analyzed : 2243

EPA Sample No. (INDA): INDAM1B

Date Analyzed : 07/24/94

Lab Sample ID (INDA): INDAM1B

Time Analyzed : 2327

INDIVIDUAL MIX A COMPOUND	RT	FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	9.50	9.45	9.55	0.0220	0.0200	10.0
gamma-BHC (Lindane)	11.08	11.04	11.14	0.0219	0.0200	9.5
Heptachlor	11.96	11.91	12.01	0.0209	0.0200	4.5
Endosulfan I	16.95	16.88	17.02	0.0213	0.0200	6.5
Dieldrin	18.47	18.40	18.54	0.0447	0.0400	11.8
Endrin	19.29	19.22	19.36	0.0447	0.0400	11.8
4,4'-DDD	21.16	21.10	21.24	0.0463	0.0400	15.8
4,4'-DDT	21.85	21.78	21.92	0.0462	0.0400	15.5
Methoxychlor	24.40	24.33	24.47	0.234	0.200	17.0
Tetrachloro-m-xylene	6.21	6.16	6.26	0.0214	0.0200	7.0
Decachlorobiphenyl	29.20	29.10	29.30	0.0436	0.0400	9.0

EPA Sample No. (INDB): INDBM1B

Date Analyzed : 07/25/94

Lab Sample ID (INDB): INDBM1B

Time Analyzed : 0012

INDIVIDUAL MIX B COMPOUND	RT	FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	14.18	14.13	14.23	0.0206	0.0200	3.0
delta-BHC	15.14	15.09	15.19	0.0209	0.0200	4.5
Aldrin	13.08	13.03	13.13	0.0208	0.0200	4.0
Heptachlor epoxide	15.84	15.77	15.91	0.0208	0.0200	4.0
4,4'-DDE	17.94	17.88	18.02	0.0413	0.0400	3.2
Endosulfan II	21.28	21.21	21.35	0.0410	0.0400	2.5
Endosulfan sulfate	24.20	24.13	24.27	0.0414	0.0400	3.5
Endrin ketone	25.82	25.75	25.89	0.0412	0.0400	3.0
Endrin aldehyde	22.94	22.88	23.02	0.0412	0.0400	3.0
alpha-Chlordane	17.44	17.37	17.51	0.0208	0.0200	4.0
gamma-Chlordane	17.21	17.14	17.28	0.0208	0.0200	4.0
Tetrachloro-m-xylene	6.21	6.16	6.26	0.0222	0.0200	11.0
Decachlorobiphenyl	29.20	29.10	29.30	0.0445	0.0400	11.2

C LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM
 Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS22D
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94
 EPA Sample No. (PIBLK): PIBLK1E Date Analyzed : 07/25/94
 Lab Sample ID (PIBLK): PIBLK1E Time Analyzed : 1755
 EPA Sample No. (INDA): INDAM1C Date Analyzed : 07/25/94
 Lab Sample ID (INDA): INDAM1C Time Analyzed : 1839

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	9.50	9.45	9.55	0.0215	0.0200	7.5
gamma-BHC (Lindane)	11.08	11.04	11.14	0.0212	0.0200	6.0
Heptachlor	11.96	11.91	12.01	0.0205	0.0200	2.5
Endosulfan I	16.95	16.88	17.02	0.0210	0.0200	5.0
Dieldrin	18.47	18.40	18.54	0.0416	0.0400	4.0
Endrin	19.29	19.22	19.36	0.0444	0.0400	11.0
4,4'-DDD	21.16	21.10	21.24	0.0454	0.0400	13.5
4,4'-DDT	21.85	21.78	21.92	0.0404	0.0400	1.0
Methoxychlor	24.39	24.33	24.47	0.217	0.200	8.5
Tetrachloro-m-xylene	6.21	6.16	6.26	0.0208	0.0200	4.0
Decachlorobiphenyl	29.20	29.10	29.30	0.0422	0.0400	5.5

EPA Sample No. (INDB): INDBM1C Date Analyzed : 07/25/94
 Lab Sample ID (INDB): INDBM1C Time Analyzed : 1923

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	14.18	14.13	14.23	0.0209	0.0200	4.5
delta-BHC	15.14	15.09	15.19	0.0208	0.0200	4.0
Aldrin	13.08	13.03	13.13	0.0201	0.0200	0.5
Heptachlor epoxide	15.84	15.77	15.91	0.0202	0.0200	1.0
4,4'-DDE	17.94	17.88	18.02	0.0419	0.0400	4.8
Endosulfan II	21.28	21.21	21.35	0.0416	0.0400	4.0
Endosulfan sulfate	24.20	24.13	24.27	0.0390	0.0400	2.5
Endrin ketone	25.82	25.75	25.89	0.0416	0.0400	4.0
Endrin aldehyde	22.94	22.88	23.02	0.0397	0.0400	0.8
alpha-Chlordane	17.44	17.37	17.51	0.0202	0.0200	1.0
gamma-Chlordane	17.21	17.14	17.28	0.0202	0.0200	1.0
Tetrachloro-m-xylene	6.21	6.16	6.26	0.0218	0.0200	9.0
Decachlorobiphenyl	29.20	29.10	29.30	0.0439	0.0400	9.8

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

GC Column: DB1701

ID: 0.53(mm)

Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK1G

Date Analyzed : 07/26/94

Lab Sample ID (PIBLK): PIBLK1G

Time Analyzed : 0926

EPA Sample No. (INDA): INDAM1D

Date Analyzed : 07/26/94

Lab Sample ID (INDA): INDAM1D

Time Analyzed : 1011

INDIVIDUAL MIX A COMPOUND	RT	FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	9.51	9.45	9.55	0.0219	0.0200	9.5
gamma-BHC (Lindane)	11.09	11.04	11.14	0.0217	0.0200	8.5
Heptachlor	11.97	11.91	12.01	0.0206	0.0200	3.0
Endosulfan I	16.96	16.88	17.02	0.0210	0.0200	5.0
Dieldrin	18.48	18.40	18.54	0.0420	0.0400	5.0
Endrin	19.30	19.22	19.36	0.0436	0.0400	9.0
4,4'-DDD	21.17	21.10	21.24	0.0461	0.0400	15.2
4,4'-DDT	21.86	21.78	21.92	0.0397	0.0400	0.8
Methoxychlor	24.40	24.33	24.47	0.215	0.200	7.5
Tetrachloro-m-xylene	6.22	6.16	6.26	0.0208	0.0200	4.0
Decachlorobiphenyl	29.21	29.10	29.30	0.0436	0.0400	9.0

EPA Sample No. (INDB): INDBM1D

Date Analyzed : 07/26/94

Lab Sample ID (INDB): INDBM1D

Time Analyzed : 1055

INDIVIDUAL MIX B COMPOUND	RT	FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	14.18	14.13	14.23	0.0218	0.0200	9.0
delta-BHC	15.14	15.09	15.19	0.0219	0.0200	9.5
Aldrin	13.08	13.03	13.13	0.0209	0.0200	4.5
Heptachlor epoxide	15.84	15.77	15.91	0.0210	0.0200	5.0
4,4'-DDE	17.94	17.88	18.02	0.0435	0.0400	8.8
Endosulfan II	21.28	21.21	21.35	0.0440	0.0400	10.0
Endosulfan sulfate	24.20	24.13	24.27	0.0407	0.0400	1.8
Endrin ketone	25.82	25.75	25.89	0.0451	0.0400	12.8
Endrin aldehyde	22.95	22.88	23.02	0.0495	0.0400	23.8
alpha-Chlordane	17.44	17.37	17.51	0.0210	0.0200	5.0
gamma-Chlordane	17.21	17.14	17.28	0.0210	0.0200	5.0
Tetrachloro-m-xylene	6.21	6.16	6.26	0.0223	0.0200	11.5
Decachlorobiphenyl	29.20	29.10	29.30	0.0466	0.0400	16.5

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

BD
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: CEIMIC CORP

Contract: OHM

L Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

GC Column: DB608

ID: 0.53(mm)

Init. Calib. Date(s): 07/21/94 07/22/94

Instrument ID: AD9_1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION							
TCX: 7.38		DCB: 33.71					
EPA	LAB	DATE	TIME	TCX	DCB		
SAMPLE NO.	SAMPLE ID	ANALYZED	ANALYZED	RT	#	RT	#
01	PIBLK00	PIBLK00	07/21/94	1204	7.38	33.71	
02	RESC0A	RESC0A	07/21/94	1205	7.38	33.73	
03	PEM0A	PEM0A	07/21/94	1249	7.39	33.72	
04	AR16600A	AR16600A	07/21/94	1334	7.38	33.71	
05	AR12210A	AR12210A	07/21/94	1418	7.38	33.72	
06	AR12320A	AR12320A	07/21/94	1502	7.38	33.71	
07	AR12420A	AR12420A	07/21/94	1547	7.38	33.71	
08	AR12480A	AR12480A	07/21/94	1631	7.38	33.71	
09	AR12540A	AR12540A	07/21/94	1715	7.38	33.71	
10	TOXAPH0A	TOXAPH0A	07/21/94	1800	7.38	33.71	
11	INDAL0A	INDAL0A	07/21/94	1844	7.38	33.72	
12	INDBL0A	INDBL0A	07/21/94	1928	7.38	33.71	
13	INDAM0A	INDAM0A	07/21/94	2141	7.38	33.71	
14	INDBM0A	INDBM0A	07/21/94	2226	7.38	33.71	
15	INDAH0A	INDAH0A	07/22/94	0039	7.38	33.71	
16	INDBH0A	INDBH0A	07/22/94	0123	7.38	33.71	
17	PIBLK0A	PIBLK0A	07/22/94	0207	7.38	33.71	
18	PEM0B	PEM0B	07/22/94	0252	7.38	33.71	
19	PIBLK0B	PIBLK0B	07/24/94	1348	7.37	33.72	
20	PEM0C	PEM0C	07/24/94	1604	7.37	33.69	
21	LJ2CSS22D	1940641-21	07/24/94	1648	7.37	33.72	
22	LJ2CSS22DMS	1940641-21MS	07/24/94	1733	7.37	33.72	
23	LJ2CSS22DMSD	1940641-21MSD	07/24/94	1817	7.37	33.72	
24	CLJ2-CSS23	1940641-22	07/24/94	1901	7.37	33.72	
25	CLJ2-CSS25	1940641-24	07/24/94	2030	7.37	33.70	
26	CLJ2-CSS26	1940641-25	07/24/94	2114	7.37	33.72	
27	CLJ2-CSS27	1940641-26	07/24/94	2159	7.37	33.72	
28	PIBLK0C	PIBLK0C	07/24/94	2243	7.37	33.71	
29	INDAM0B	INDAM0B	07/24/94	2327	7.38	33.70	
30	INDBM0B	INDBM0B	07/25/94	0012	7.38	33.70	
31	CLJ2-CSS28	1940641-27	07/25/94	0056	7.37	33.72	
32	CLJ2-CSS29	1940641-28	07/25/94	0140	7.38	33.71	

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)

DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.

* Values outside of QC limits.

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

GC Column: DB608

ID: 0.53(mm)

Init. Calib. Date(s): 07/21/94 07/22/94

Instrument ID: AD9_1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION						
TCX: 7.38		DCB: 33.71				
EPA	LAB	DATE	TIME	TCX	DCB	
SAMPLE NO.	SAMPLE ID	ANALYZED	ANALYZED	RT #	RT #	
01	CLJ2-CSS31	1940641-30	07/25/94	0309	7.38	33.71
02	CLJ2-CSS32	1940641-31	07/25/94	0353	7.37	33.72
03	(LJ2CSS32DMS	1940641-32MS	07/25/94	0522	7.37	33.72
04	(LJ2CSS32DMSD	1940641-32MSD	07/25/94	0606	7.37	33.72
05	CLJ2-CSS34	1940641-34	07/25/94	0735	7.38	33.72
06	PIBLK0D	PIBLK0D	07/25/94	0903	7.38	33.73
07	PEM0D	PEM0D	07/25/94	0947	7.38	33.72
08	CLJ2-CSS35	1940641-35	07/25/94	1032	7.38	33.73
09	CLJ2-CSS36	1940641-36	07/25/94	1116	7.38	33.72
10	(LJ2CSS36D	1940641-37	07/25/94	1200	7.38	33.71
11	(LJ2CSS36DMS	1940641-37MS	07/25/94	1244	7.38	33.71
12	(LJ2CSS36DMSD	1940641-37MSD	07/25/94	1329	7.38	33.71
13	CLJ2-CSS37	1940641-38	07/25/94	1413	7.37	33.72
14	PIBLK02	IP0721-B2	07/25/94	1626	7.38	33.70
15	PIBLK03	IP0721-B3	07/25/94	1710	7.37	33.70
16	PIBLK0E	PIBLK0E	07/25/94	1755	7.38	33.71
17	INDAM0C	INDAM0C	07/25/94	1839	7.38	33.70
18	INDBM0C	INDBM0C	07/25/94	1923	7.38	33.70
19	PIBLK0F	PIBLK0F	07/26/94	0416	7.38	33.71
20	PEM0E	PEM0E	07/26/94	0500	7.38	33.71
21	CLJ2-CSS24	1940641-23	07/26/94	0545	7.37	33.72
22	CLJ2-CSS30	1940641-29	07/26/94	0629	7.37	33.72
23	(LJ2CSS32D	1940641-32	07/26/94	0713	7.37	33.72
24	CLJ2-CSS33	1940641-33	07/26/94	0757	7.37	33.72
25	CLJ2-CSS38	1940641-39	07/26/94	0842	7.38	33.72
26	PIBLK0G	PIBLK0G	07/26/94	0926	7.38	33.73
27	INDAM0D	INDAM0D	07/26/94	1011	7.38	33.72
28	INDBM0D	INDBM0D	07/26/94	1055	7.38	33.70

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

GC Column: DB1701

ID: 0.53(mm)

Init. Calib. Date(s): 07/21/94 07/22/94

Instrument ID: AD8_1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION							
TCX: 6.21		DCB: 29.20					
EPA	LAB	DATE	TIME	TCX	DCB		
SAMPLE NO.	SAMPLE ID	ANALYZED	ANALYZED	RT	#	RT	#
01	PIBLK10	PIBLK10	07/21/94	1204	6.21	29.21	
02	RESC1A	RESC1A	07/21/94	1205	6.22	29.22	
03	PEM1A	PEM1A	07/21/94	1249	6.22	29.21	
04	IAR16601A	IAR16601A	07/21/94	1334	6.22	29.20	
05	IAR12211A	IAR12211A	07/21/94	1418	6.21	29.21	
06	IAR12321A	IAR12321A	07/21/94	1502	6.21	29.20	
07	IAR12421A	IAR12421A	07/21/94	1547	6.21	29.20	
08	IAR12481A	IAR12481A	07/21/94	1631	6.21	29.20	
09	IAR12541A	IAR12541A	07/21/94	1715	6.21	29.20	
10	ITOXAPH1A	ITOXAPH1A	07/21/94	1800	6.21	29.20	
11	IINDAL1A	IINDAL1A	07/21/94	1844	6.21	29.21	
12	IINDBL1A	IINDBL1A	07/21/94	1928	6.21	29.20	
13	IINDAM1A	IINDAM1A	07/21/94	2141	6.21	29.20	
14	IINDBM1A	IINDBM1A	07/21/94	2226	6.21	29.20	
15	IINDAH1A	IINDAH1A	07/22/94	0039	6.21	29.20	
16	IINDBH1A	IINDBH1A	07/22/94	0123	6.21	29.20	
17	PIBLK1A	PIBLK1A	07/22/94	0207	6.21	29.21	
18	PEM1B	PEM1B	07/22/94	0252	6.21	29.20	
19	PIBLK1B	PIBLK1B	07/24/94	1348	6.21	29.21	
20	PEM1C	PEM1C	07/24/94	1604	6.20	29.19	
21	CLJ2CSS22D	1940641-21	07/24/94	1648	6.21	29.21	
22	CLJ2CSS22DMS	1940641-21MS	07/24/94	1733	6.21	29.21	
23	CLJ2CSS22DMSD	1940641-21MSD	07/24/94	1817	6.21	29.22	
24	CLJ2-CSS23	1940641-22	07/24/94	1901	6.21	29.21	
25	CLJ2-CSS25	1940641-24	07/24/94	2030	6.21	29.20	
26	CLJ2-CSS26	1940641-25	07/24/94	2114	6.21	29.21	
27	CLJ2-CSS27	1940641-26	07/24/94	2159	6.20	29.21	
28	PIBLK1C	PIBLK1C	07/24/94	2243	6.21	29.20	
29	IINDAM1B	IINDAM1B	07/24/94	2327	6.21	29.20	
30	IINDBM1B	IINDBM1B	07/25/94	0012	6.21	29.20	
31	CLJ2-CSS28	1940641-27	07/25/94	0056	6.21	29.21	
32	CLJ2-CSS29	1940641-28	07/25/94	0140	6.21	29.20	

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: CEIMIC CORP

Contract: QHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

GC Column: DB1701

ID: 0.53(mm)

Init. Calib. Date(s): 07/21/94

07/22/94

Instrument ID: AD8_1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION						
TCX: 6.21		DCB: 29.20				
EPA	LAB	DATE	TIME	TCX	DCB	
SAMPLE NO.	SAMPLE ID	ANALYZED	ANALYZED	RT #	RT #	
=====	=====	=====	=====	=====	=====	=====
01	CLJ2-CSS31	1940641-30	07/25/94	0309	6.21	29.20
02	CLJ2-CSS32	1940641-31	07/25/94	0353	6.21	29.21
03	CLJ2CSS32DMS	1940641-32MS	07/25/94	0522	6.21	29.21
04	CLJ2CSS32DMSD	1940641-32MSD	07/25/94	0606	6.21	29.21
05	CLJ2-CSS34	1940641-34	07/25/94	0735	6.21	29.21
06	PIBLK1D	PIBLK1D	07/25/94	0903	6.21	29.22
07	PEM1D	PEM1D	07/25/94	0947	6.22	29.21
08	CLJ2-CSS35	1940641-35	07/25/94	1032	6.21	29.21
09	CLJ2-CSS36	1940641-36	07/25/94	1116	6.22	29.20
10	CLJ2CSS36D	1940641-37	07/25/94	1200	6.21	29.20
11	CLJ2CSS36DMS	1940641-37MS	07/25/94	1244	6.21	29.20
12	CLJ2CSS36DMSD	1940641-37MSD	07/25/94	1329	6.21	29.20
13	CLJ2-CSS37	1940641-38	07/25/94	1413	6.21	29.21
14	PIBLK02	IP0721-B2	07/25/94	1626	6.21	29.19
15	PIBLK03	IP0721-B3	07/25/94	1710	6.21	29.20
16	PIBLK1E	PIBLK1E	07/25/94	1755	6.21	29.20
17	INDAM1C	INDAM1C	07/25/94	1839	6.21	29.20
18	INDBM1C	INDBM1C	07/25/94	1923	6.21	29.20
19	PIBLK1F	PIBLK1F	07/26/94	0416	6.21	29.20
20	PEM1E	PEM1E	07/26/94	0500	6.21	29.20
21	CLJ2-CSS24	1940641-23	07/26/94	0545	6.21	29.21
22	CLJ2-CSS30	1940641-29	07/26/94	0629	6.21	29.21
23	CLJ2CSS32D	1940641-32	07/26/94	0713	6.21	29.21
24	CLJ2-CSS33	1940641-33	07/26/94	0757	6.21	29.20
25	CLJ2-CSS38	1940641-39	07/26/94	0842	6.21	29.21
26	PIBLK1G	PIBLK1G	07/26/94	0926	6.22	29.21
27	INDAM1D	INDAM1D	07/26/94	1011	6.22	29.21
28	INDBM1D	INDBM1D	07/26/94	1055	6.21	29.20

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS23

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-22

Dates(s) Analyzed: 07/24/94 07/24/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDD	1	22.32	22.26	22.40	4930	
	2	21.19	21.10	21.24	1680	193.5
4,4'-DDT	1	23.61	23.54	23.68	37300	
	2	21.85	21.78	21.92	38500	3.2

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS24

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-23

Dates(s) Analyzed: 07/26/94 07/26/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
14,4'-DDE	1	19.90	19.83	19.97	564	
	2	17.95	17.88	18.02	599	6.2
14,4'-DDD	1	22.33	22.26	22.40	1640	
	2	21.18	21.10	21.24	1500	9.3
14,4'-DDT	1	23.61	23.54	23.68	8940	
	2	21.86	21.78	21.92	8880	0.7

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS25

Lab Name: CEIMIC CORP

Contract: OHM

5 Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-24

Dates(s) Analyzed: 07/24/94 07/24/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDE	1	19.90	19.83	19.97	161	
	2	17.94	17.88	18.02	86.6	85.9
4,4'-DDD	1	22.32	22.26	22.40	51.7	
	2	21.16	21.10	21.24	48.0	7.7
4,4'-DDT	1	23.60	23.54	23.68	163	
	2	21.85	21.78	21.92	203	24.5

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS26

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-25

Dates(s) Analyzed: 07/24/94 07/24/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDD	1	22.33	22.26	22.40	6080	
	2	21.19	21.10	21.24	4380	38.8
4,4'-DDT	1	23.61	23.54	23.68	95600	
	2	21.86	21.78	21.92	93200	2.6

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS27

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-26

Dates(s) Analyzed: 07/24/94 07/24/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Heptachlor	1	13.32	13.27	13.37	52.9	
	2	11.96	11.91	12.01	43.6	16.0
4,4'-DDE	1	19.89	19.83	19.97	142	
	2	17.95	17.88	18.02	179	26.1
4,4'-DDD	1	22.33	22.26	22.40	1220	
	2	21.17	21.10	21.24	1040	17.3
4,4'-DDT	1	23.61	23.54	23.68	6250	
	2	21.85	21.78	21.92	6250	0.0
alpha-Chlordane	1	18.68	18.61	18.75	80.3	
	2	17.45	17.37	17.51	123	53.2
gamma-Chlordane	1	17.96	17.90	18.04	69.5	
	2	17.21	17.14	17.28	84.6	21.7

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS28

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-27

Dates(s) Analyzed: 07/25/94 07/25/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
14,4'-DDE	1	19.89	19.83	19.97	477	
	2	17.95	17.88	18.02	497	4.2
14,4'-DDD	1	22.33	22.26	22.40	19400	
	2	21.17	21.10	21.24	17600	10.2
14,4'-DDT	1	23.61	23.54	23.68	11100	
	2	21.85	21.78	21.92	10200	8.8

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS29

Lab Name: CEIMIC CORP

Contract: OHM

o Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-28

Dates(s) Analyzed: 07/25/94 07/25/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
=====	=====	=====	FROM	TO	=====	=====
4,4'-DDE	1	19.89	19.83	19.97	16.8	
	2	17.94	17.88	18.02	14.8	13.5
4,4'-DDD	1	22.32	22.26	22.40	586	
	2	21.16	21.10	21.24	597	1.9
4,4'-DDT	1	23.61	23.54	23.68	532	
	2	21.85	21.78	21.92	557	4.7
alpha-Chlordane	1	18.68	18.61	18.75	4.71	
	2	17.46	17.37	17.51	9.23	96.0
gamma-Chlordane	1	17.96	17.90	18.04	3.38	
	2	17.21	17.14	17.28	5.17	53.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS30

Lab Name: CEIMIC CORP

Contract: OHM

L Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-29

Dates(s) Analyzed: 07/26/94 07/26/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
1,4,4'-DDE	1	19.90	19.83	19.97	368	
	2	17.95	17.88	18.02	356	3.4
1,4,4'-DDD	1	22.33	22.26	22.40	2490	
	2	21.18	21.10	21.24	1810	37.6
1,4,4'-DDT	1	23.61	23.54	23.68	9080	
	2	21.86	21.78	21.92	8950	1.5

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS31

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-30

Dates(s) Analyzed: 07/25/94 07/25/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDE	1	19.89	19.83	19.97	1140	
	2	17.94	17.88	18.02	1270	11.4
4,4'-DDD	1	22.32	22.26	22.40	1060	
	2	21.17	21.10	21.24	726	46.0
4,4'-DDT	1	23.61	23.54	23.68	2160	
	2	21.85	21.78	21.92	2270	5.1

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS32

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-31

Dates(s) Analyzed: 07/25/94 07/25/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
14,4'-DDE	1	19.90	19.83	19.97	999	
	2	17.95	17.88	18.02	1080	8.1
14,4'-DDD	1	22.33	22.26	22.40	5090	
	2	21.18	21.10	21.24	2370	114.8
14,4'-DDT	1	23.61	23.54	23.68	20200	
	2	21.86	21.78	21.92	20700	2.5

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS33

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-33

Dates(s) Analyzed: 07/26/94 07/26/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDE	1	19.90	19.83	19.97	271	
	2	17.95	17.88	18.02	288	6.3
4,4'-DDD	1	22.33	22.26	22.40	1440	
	2	21.18	21.10	21.24	1040	38.5
4,4'-DDT	1	23.61	23.54	23.68	4730	
	2	21.86	21.78	21.92	4750	0.4

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS34

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-34

Dates(s) Analyzed: 07/25/94 07/25/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDD	1	22.33	22.26	22.40	5.98	
	2	21.18	21.10	21.24	2.57	132.7
4,4'-DDT	1	23.62	23.54	23.68	22.7	
	2	21.86	21.78	21.92	24.3	7.0

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS35

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-35

Dates(s) Analyzed: 07/25/94 07/25/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDE	1	19.90	19.83	19.97	17.4	
	2	17.95	17.88	18.02	20.0	14.9
4,4'-DDD	1	22.33	22.26	22.40	18.4	
	2	21.17	21.10	21.24	8.11	126.9
4,4'-DDT	1	23.62	23.54	23.68	68.9	
	2	21.86	21.78	21.92	77.3	12.2

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS38

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-39

Dates(s) Analyzed: 07/26/94 07/26/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
14,4'-DDE	1	19.90	19.83	19.97	211	
	2	17.94	17.88	18.02	177	19.2
14,4'-DDD	1	22.33	22.26	22.40	6240	
	2	21.16	21.10	21.24	6630	6.2

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

LJ2CSS22D

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-21

Dates(s) Analyzed: 07/24/94 07/24/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
1,4,4'-DDD	1	22.32	22.26	22.40	57900	
	2	21.16	21.10	21.24	39900	45.1
1,4,4'-DDT	1	23.60	23.54	23.68	75400	
	2	21.85	21.78	21.92	79500	5.4

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2C9S32D

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-32

Dates(s) Analyzed: 07/26/94 07/26/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDE	1	19.90	19.83	19.97	1050	
	2	17.95	17.88	18.02	1060	1.0
4,4'-DDD	1	22.33	22.26	22.40	6540	
	2	21.17	21.10	21.24	4510	45.0
4,4'-DDT	1	23.61	23.54	23.68	23400	
	2	21.86	21.78	21.92	23300	0.4

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2CSS22DMS

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-21MS

Dates(s) Analyzed: 07/24/94 07/24/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDD	1	22.32	22.26	22.40	72600	
	2	21.16	21.10	21.24	53200	36.5
4,4'-DDT	1	23.60	23.54	23.68	84200	
	2	21.85	21.78	21.92	88800	5.5

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2CSS22DMSD

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-21MSD

Dates(s) Analyzed: 07/24/94 07/24/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDD	1	22.32	22.26	22.40	64600	
	2	21.17	21.10	21.24	45900	40.7
4,4'-DDT	1	23.61	23.54	23.68	77100	
	2	21.85	21.78	21.92	79600	3.2

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2C9S32DMS

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: C9S22D

Lab Sample ID : 940641-32MS

Dates(s) Analyzed: 07/25/94 07/25/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDE	1	19.90	19.83	19.97	1250	
	2	17.96	17.88	18.02	1450	16.0
4,4'-DDD	1	22.33	22.26	22.40	7270	
	2	21.18	21.10	21.24	4450	63.4
4,4'-DDT	1	23.62	23.54	23.68	34300	
	2	21.86	21.78	21.92	34600	0.9

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2CSS32DMSD

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-32MSD

Dates(s) Analyzed: 07/25/94 07/25/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDE	1	19.90	19.83	19.97	1050	
	2	17.96	17.88	18.02	1240	18.1
4,4'-DDD	1	22.33	22.26	22.40	6760	
	2	21.18	21.10	21.24	4470	51.2
4,4'-DDT	1	23.62	23.54	23.68	15900	
	2	21.86	21.78	21.92	15200	4.6

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

LJ2CSS36DMS

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-37MS

Dates(s) Analyzed: 07/25/94 07/25/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
gamma-BHC (Lindane)	1	11.94	11.89	11.99	16.8	
	2	11.09	11.04	11.14	19.0	13.1
Heptachlor	1	13.32	13.27	13.37	16.8	
	2	11.96	11.91	12.01	17.3	3.0
Aldrin	1	14.74	14.69	14.79	15.4	
	2	13.08	13.03	13.13	16.4	6.5
Dieldrin	1	20.12	20.05	20.19	33.5	
	2	18.47	18.40	18.54	36.7	9.6
Endrin	1	21.70	21.63	21.77	38.3	
	2	19.29	19.22	19.36	39.3	2.6
4,4'-DDD	1	22.32	22.26	22.40	4.86	
	2	21.17	21.10	21.24	3.54	37.3
4,4'-DDT	1	23.61	23.54	23.68	56.0	
	2	21.85	21.78	21.92	62.5	11.6

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2CSS36DMSD

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Lab Sample ID : 940641-37MSD

Dates(s) Analyzed: 07/25/94 07/25/94

Instrument ID (1): AD9_1

Instrument ID (2): AD8_1

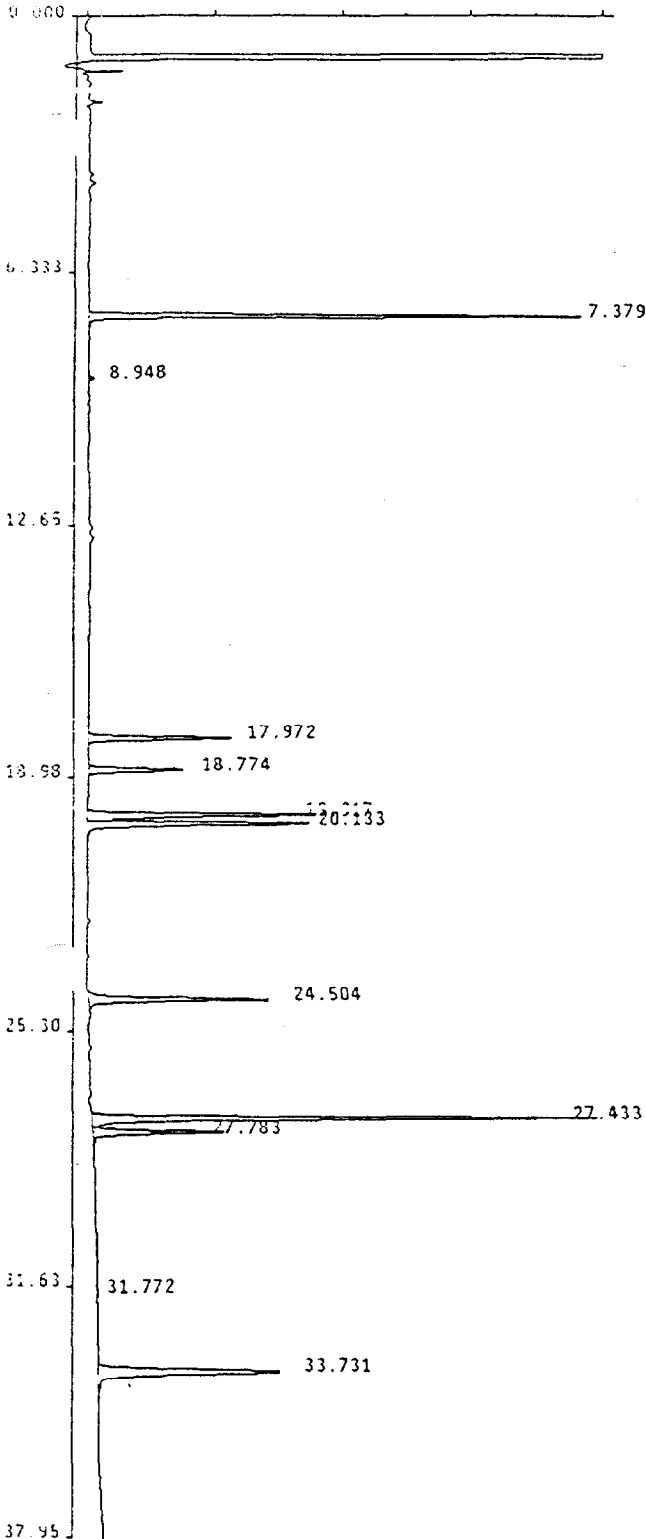
GC Column(1): DB608

ID: 0.53(mm)

GC Column(2): DB1701

ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
gamma-BHC (Lindane)	1	11.93	11.89	11.99	17.3	
	2	11.09	11.04	11.14	19.7	13.9
Heptachlor	1	13.32	13.27	13.37	17.5	
	2	11.96	11.91	12.01	17.5	0.0
Aldrin	1	14.74	14.69	14.79	15.9	
	2	13.08	13.03	13.13	17.1	7.5
Dieldrin	1	20.12	20.05	20.19	34.4	
	2	18.47	18.40	18.54	38.2	11.0
Endrin	1	21.70	21.63	21.77	39.9	
	2	19.29	19.22	19.36	40.1	0.5
4,4'-DDD	1	22.32	22.26	22.40	7.62	
	2	21.16	21.10	21.24	5.61	35.8
4,4'-DDT	1	23.61	23.54	23.68	64.1	
	2	21.85	21.78	21.92	77.8	21.4
Endrin ketone	1	27.76	27.69	27.83	2.42	
	2	25.80	25.75	25.89	2.71	11.59



Ceimic Corporation Pest/PCB Report

Sample Name : RESCOA
 Lab Id : RESCOA , I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/M9P21JUL001.RES
 Inject Time : 1205 21Jul1994
 Run Status : RunStatusOK
 SpecialInteg

PK #	RT	Area	Code	MASSng	Name
1	7.38	200682	BB	.019	TCX
2	8.95	2342	BB	.001	
3	17.97	82387	BB	.008	G. CHLORDANE
4	18.77	54454	BB	.008	ENDOSULF. I
5	19.92	125595	FF	.016	4,4'-DDE
6	20.13	130864	FF	.019	DIELDRIN
7	24.50	109460	BB	.016	ENDO. SULFAT
8	27.43	291746	FF	.079	METHOXYCHLOR
9	27.78	79926	FF	.014	ENDRIN KETON
10	31.77	8644	BB	.002	
11	33.73	169312	BB	.017	DCB

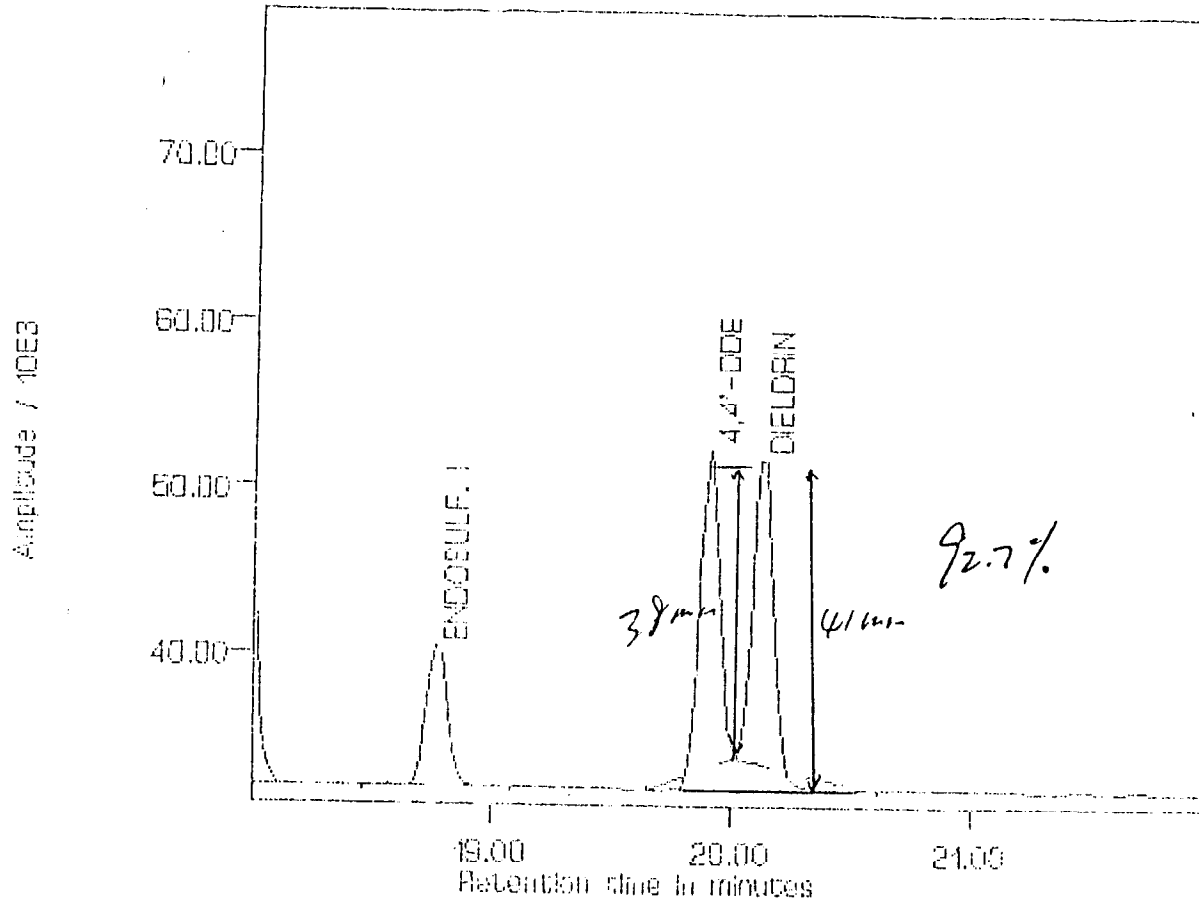
Handwritten signature
 7/25/94

Total Area: 1255412

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 2056 25Jul1994

Handwritten signature
7/25/94

Sample : RESCOA Injected : THU JUL 21, 1994 12:05:25 PM

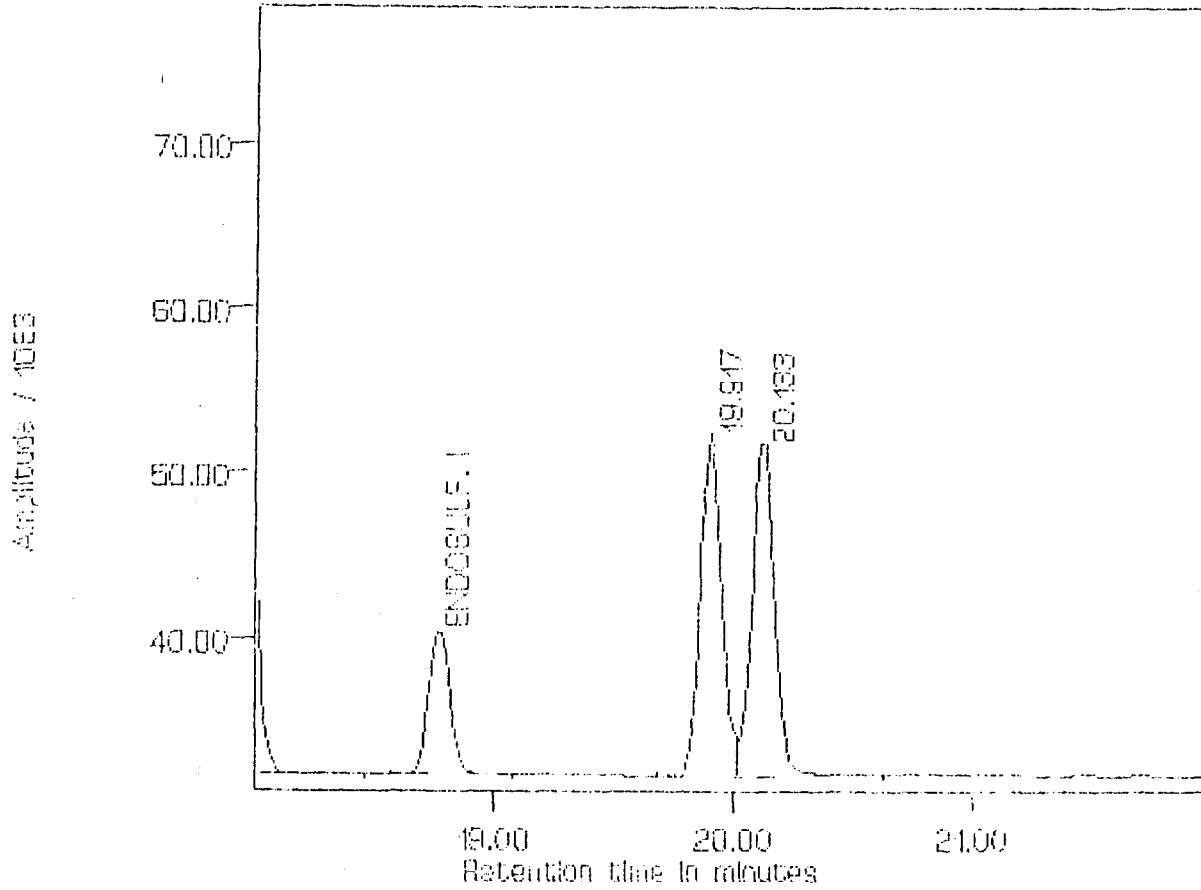


Result : MSP21JUL091

Method : INDABUS

7/21/94

Sample : RESCOA Injected : THU JUL 21, 1994 12:05:25 PM

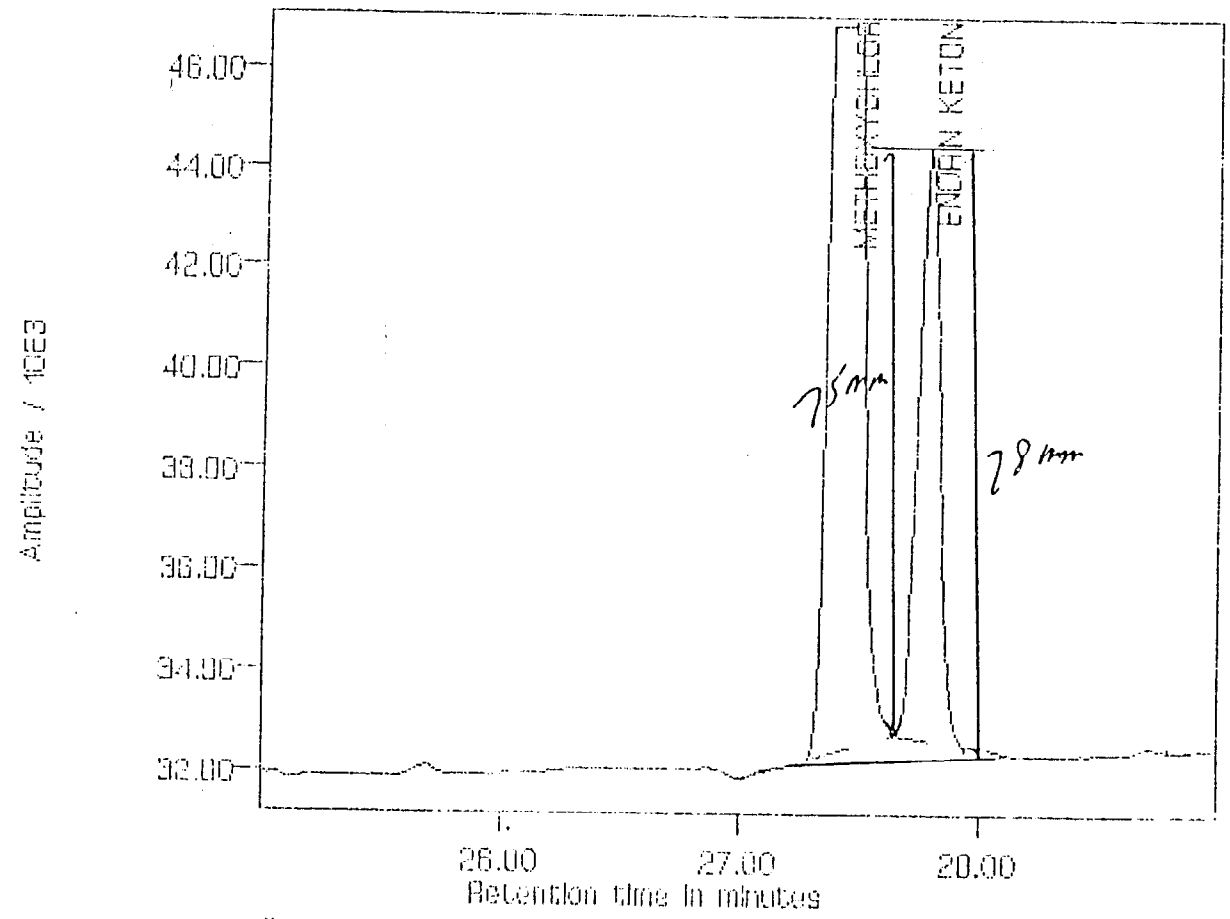


Result : MSF21JUL94

Method : INDA009

Handwritten signature and date: *7/25/94*

Sample : RESCOA Injected : THU JUL 21, 1994 12:05:25 PM



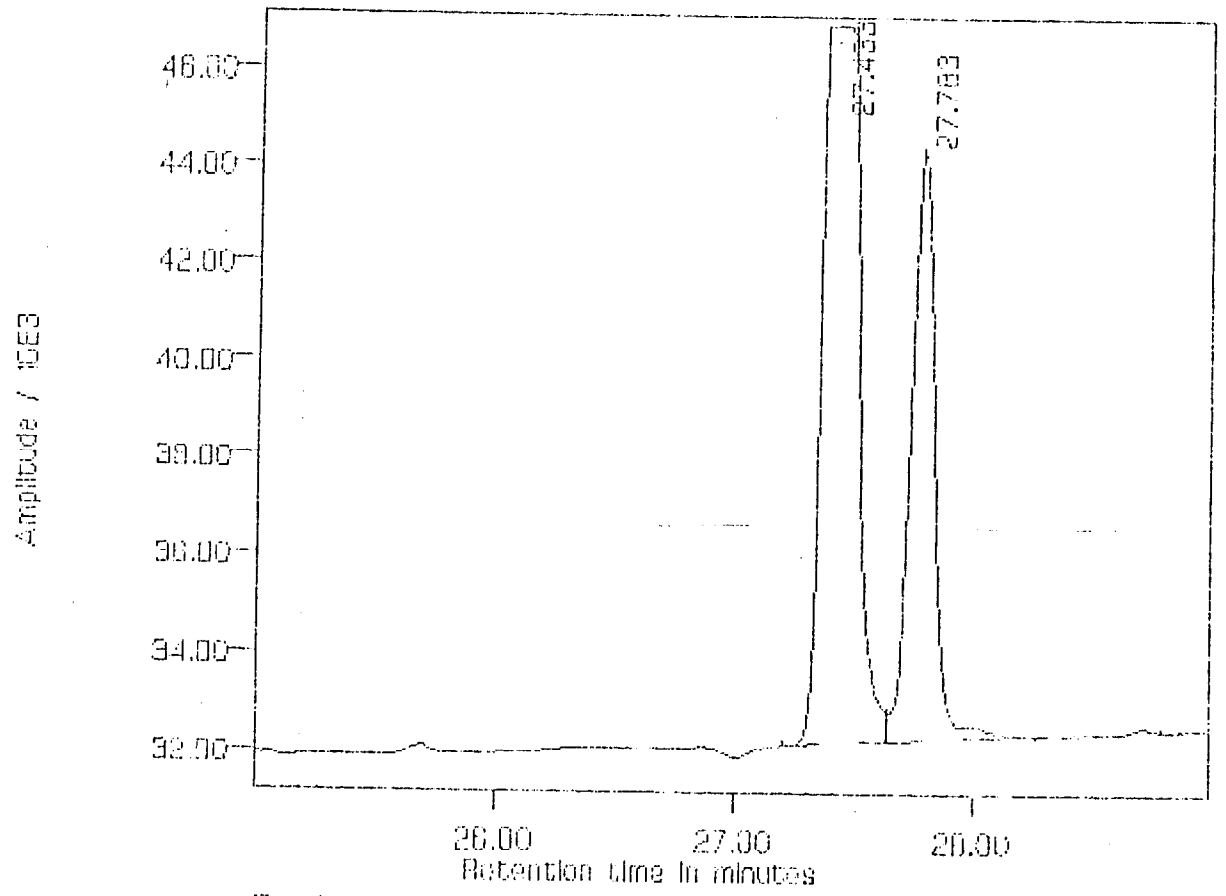
Handwritten percentage: 96.2%

Result : MIP21JUL001

Method : INDIAD009

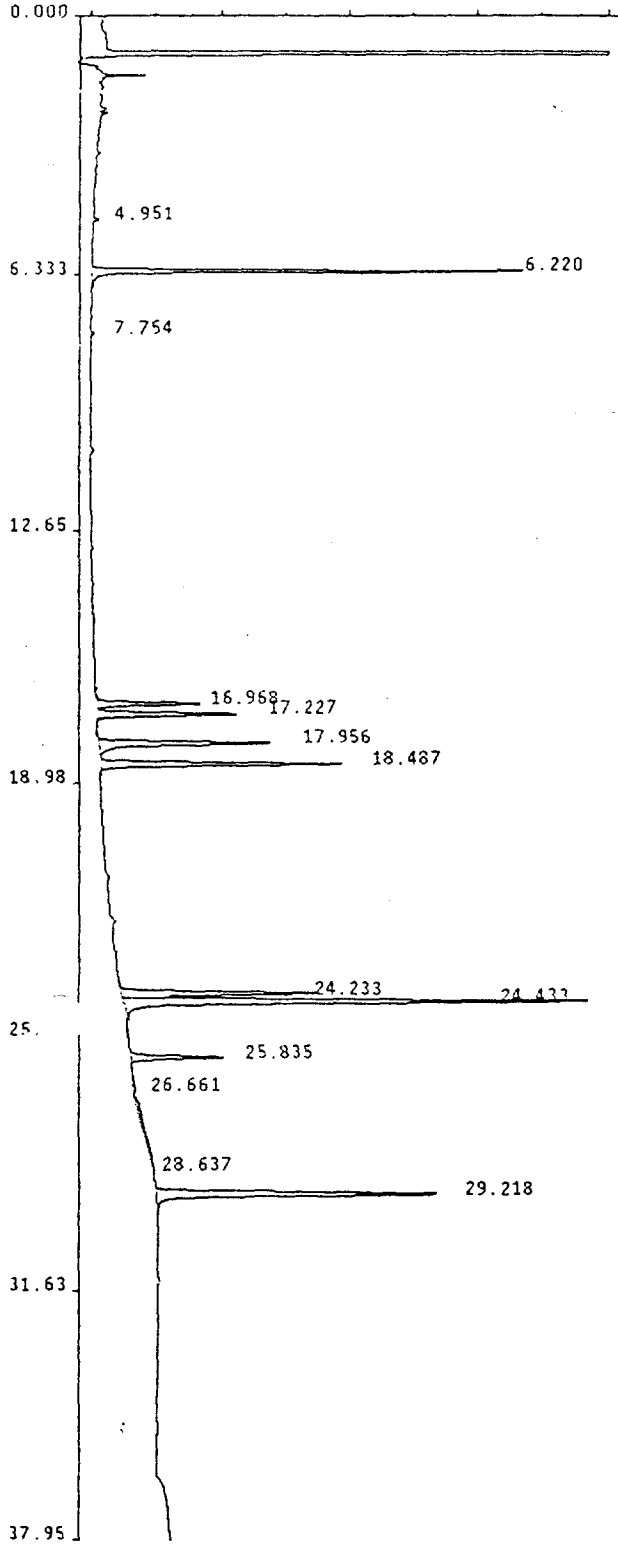
Handwritten signature and date: J. J. 7/21/94

Sample : RESCOA Injected : THU JUL 21, 1994 12:05:25 PM



Result : MSP2JUL001 Method : INDABOS

Sample Name : RESC1A
 Lab Id : RESC1A ,I
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/M8P21JUL001.RES
 Inject Time : 1205 21Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 SpecialInteg



PK #	RT	Area	Code	MASSng	Name
1	4.95	2852	VB	.001	
2	6.22	232529	BB	.020	TCX
3	7.75	2411	BB	.001	
4	16.97	70043	BB	.008	ENDOSULF. I
5	17.23	107608	BB	.009	G. CHLORDANE
6	17.96	155541	BB	.018	4,4'-DDE
7	18.49	174126	BB	.019	DIELDRIN
8	24.23	140319	FF	.017	ENDO. SULFAT
9	24.43	402135	FF	.095	METHOXYCHLOR
10	25.84	66621	BB	.012	ENDRIN KETON
11	26.66	7163	BB	.002	
12	28.64	28862	BB	.006	
13	29.22	254655	BB	.019	DCB

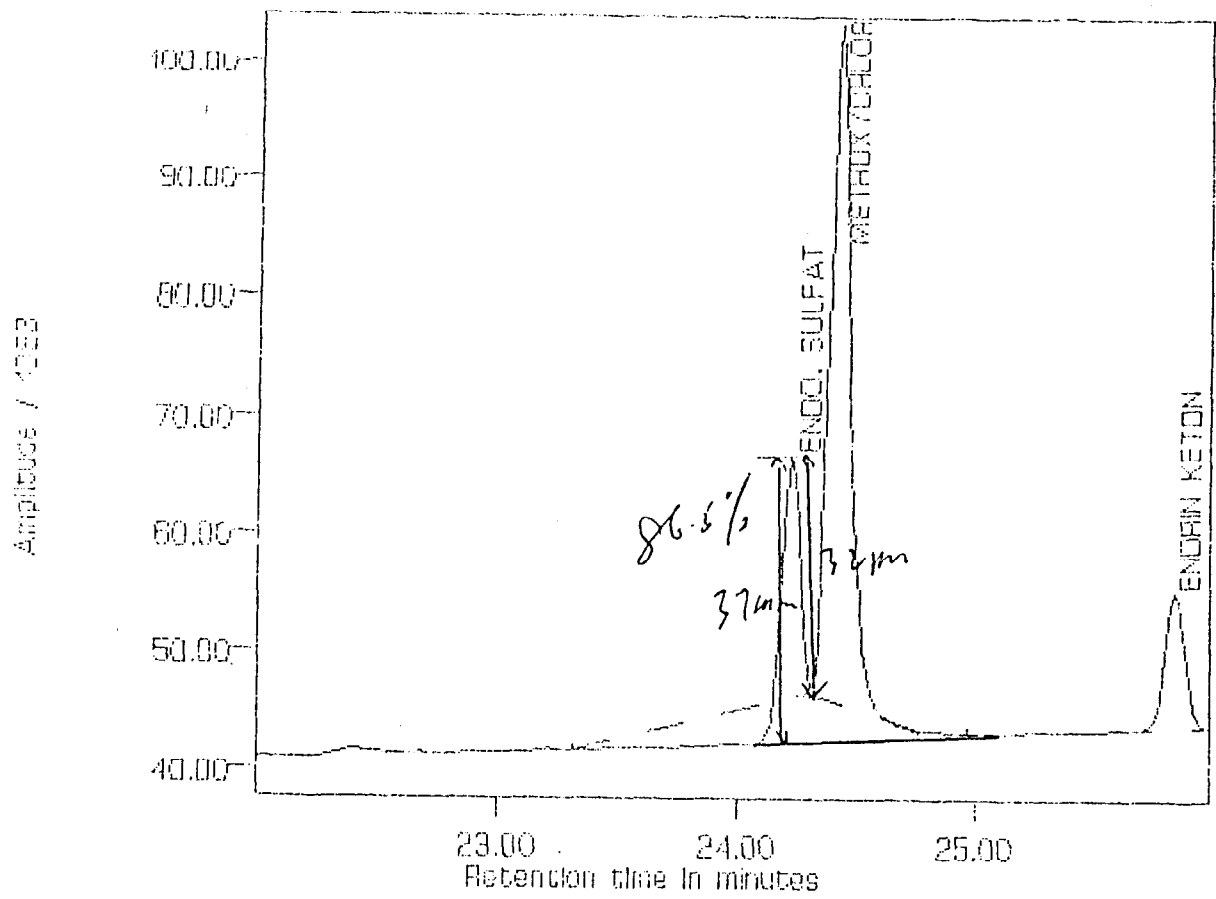
Handwritten signature
7/21/94

Total Area: 1644865

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 2058 25Jul1994

9/25/11

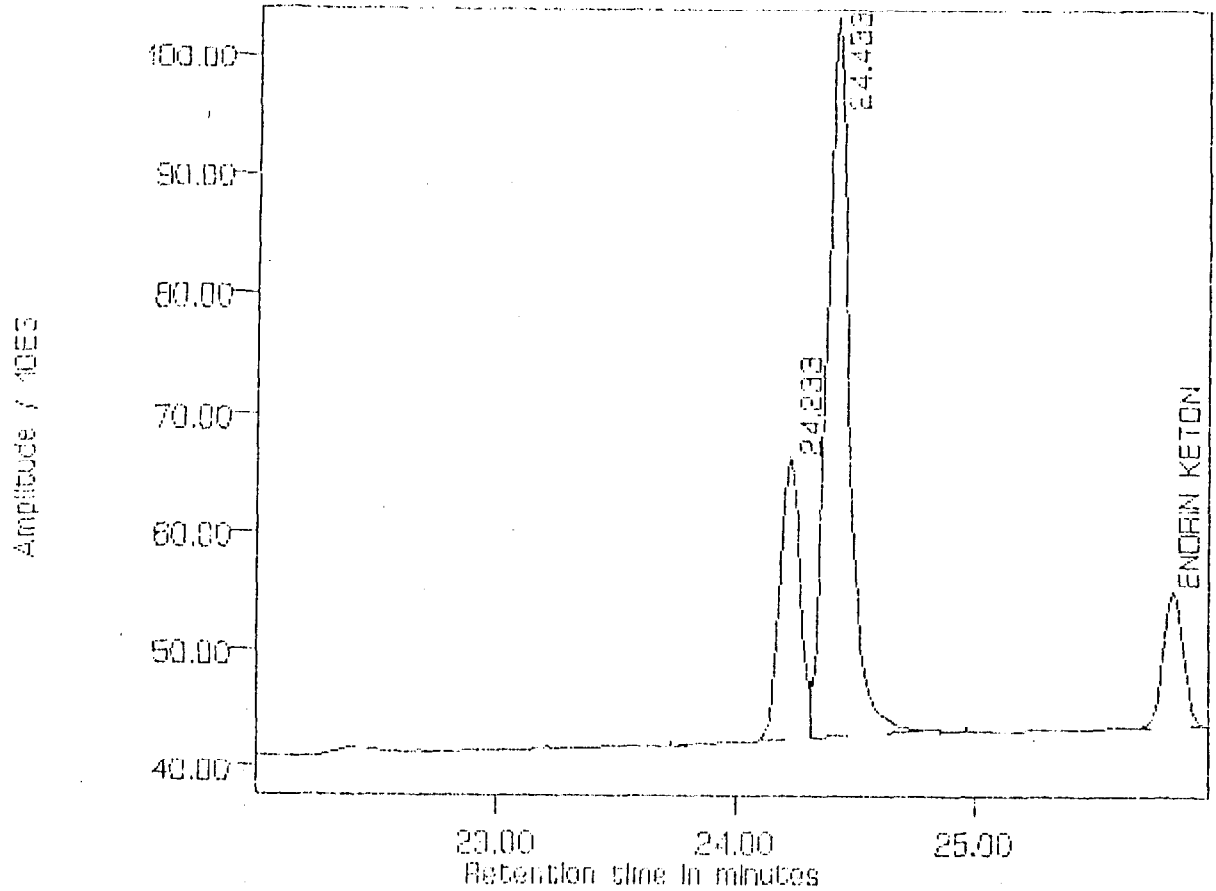
Sample : HESDIA Injected : THU JUL 21, 1994 12:05:25 PM



Result : MBP2JUL001 Method : IND4B08

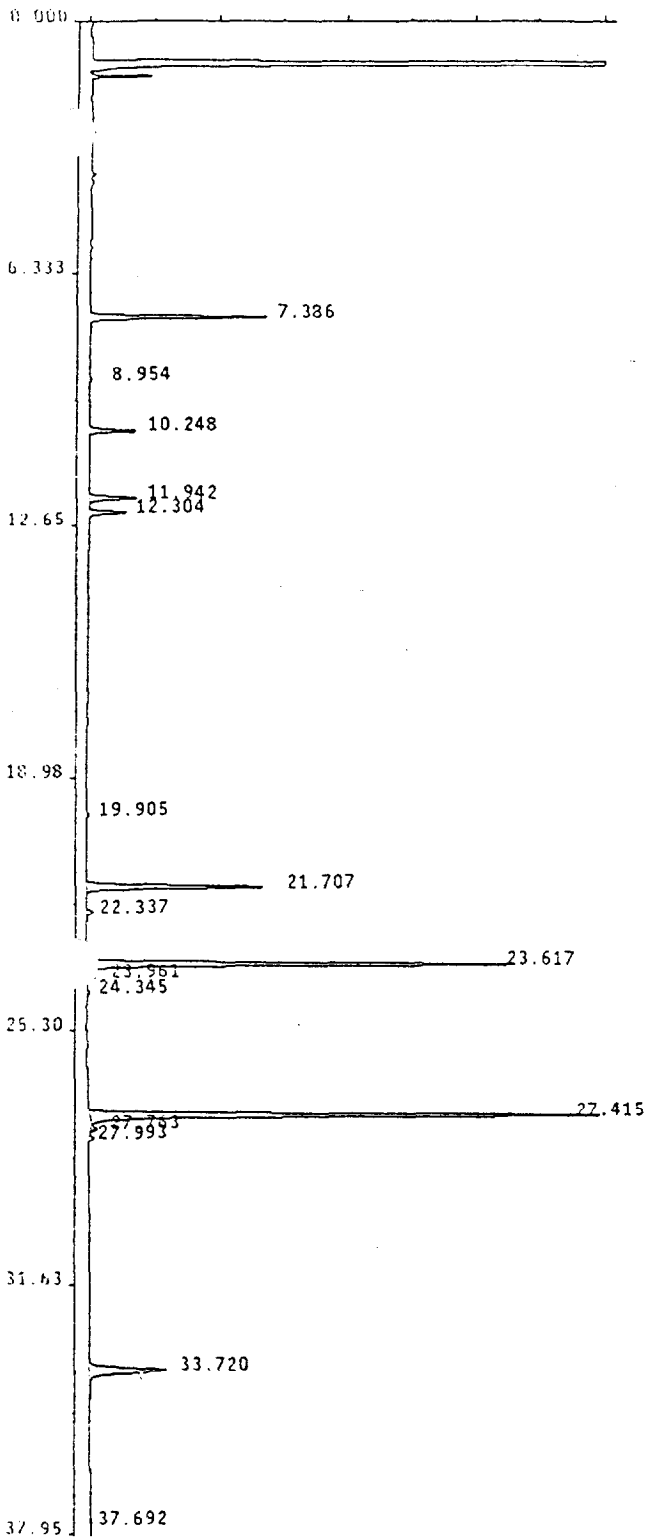
3/12/94

Sample : HESCIA Injected : THU JUL 21, 1994 12:05:25 PM



Result : M0P21JUL001

Method : IN04BQ8



Ceimic Corporation Pest/PCB Report

Sample Name : PEMOA
 Lab Id : PEMOA ,I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL002.RES
 Inject Time : 1249 21Jul1994
 Run Status : EndOffBaseline
 SignalOverload

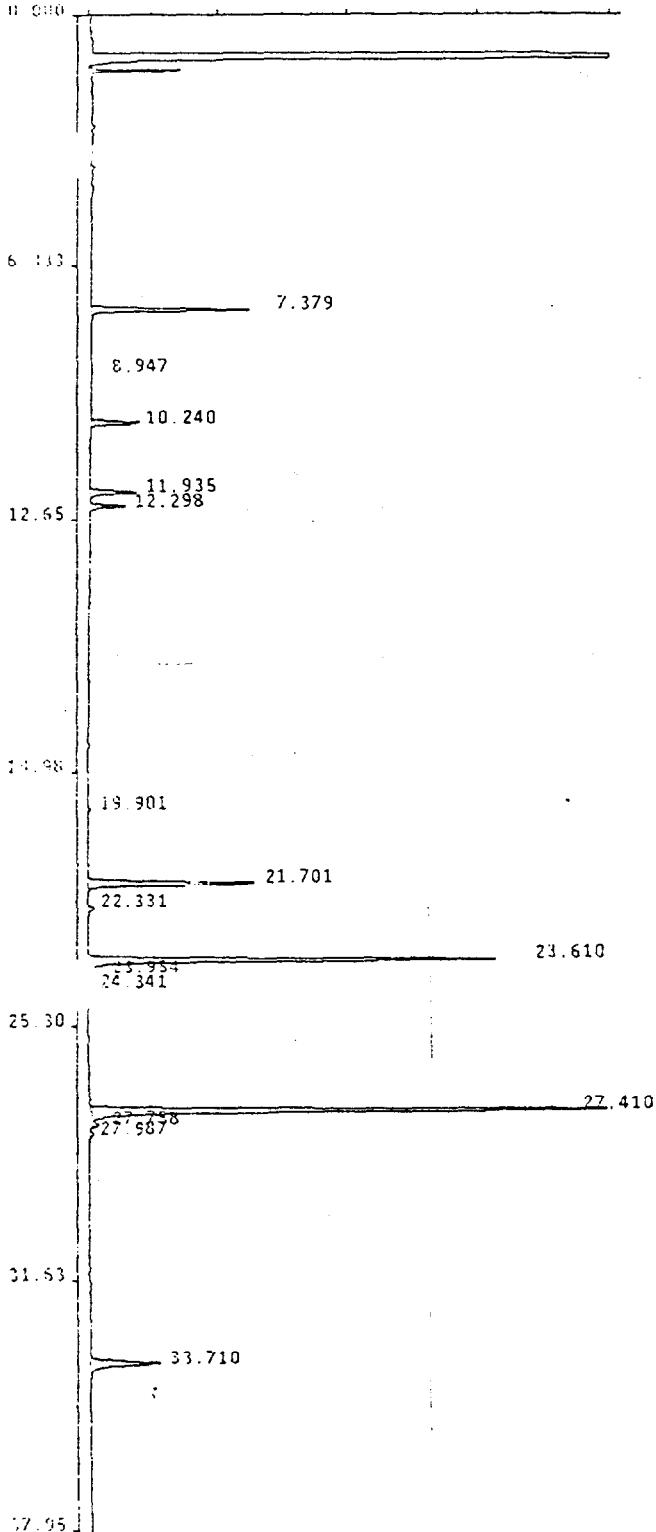
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	7.39	192437	BB	.018	TCX
2	8.95	2270	BB	.000	
3	10.25	59141	BB	.009	ALPHA-BHC
4	11.94	61434	BB	.008	GAMMA-BHC
5	12.30	45717	BB	.008	BETA-BHC
6	19.91	3298	BB	.000	4,4'-DDE
7	21.71	255338	BB	.043	ENDRIN
8	22.34	11178	BB	.002	4,4'-DDD
9	23.62	587435	BB	.095	4,4'-DDT
10	23.96	10636	BB	.002	ENDRIN ALDEH
11	24.34	5983	BB	.001	
12	27.41	764054	BB	.206	METHOXYCHLOR
13	27.76	8150	BB	.001	ENDRIN KETON
14	27.99	6189	BB	.001	
15	33.72	182726	BB	.019	DCB
16	37.69	3031	BB	.001	

J 3/25/94

Total Area: 2199017

Method File: /DATA/METHOD/QM9P21JUL.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1717 25Jul1994



Sample Name : PEM08
 Lab Id : PEM08 .1
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL021.RES
 Inject Time : 0252 22Jul1994
 Run Status : SignalOverload

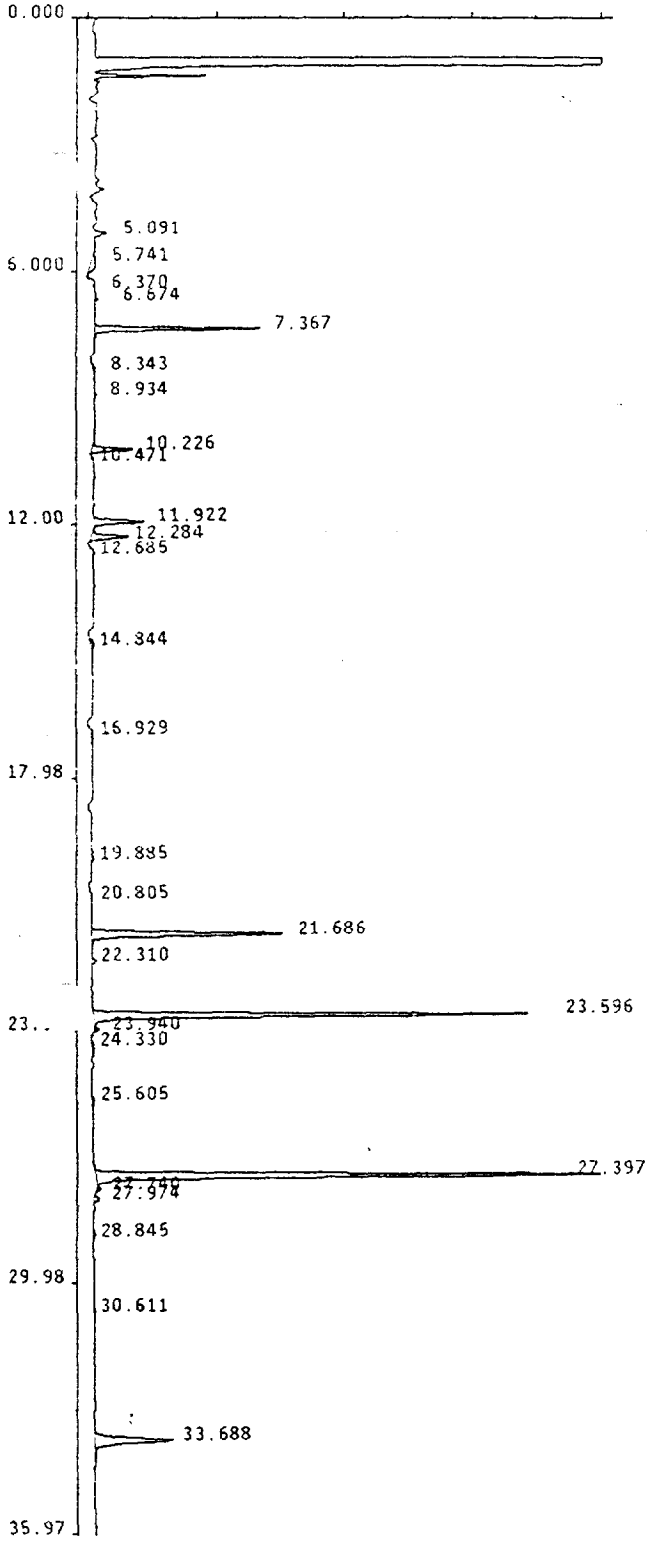
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	7.38	190825	BB	.018	TCX
2	8.95	2230	BB	.000	
3	10.24	65726	BB	.010	ALPHA-BHC
4	11.93	68627	BB	.009	GAMMA-BHC
5	12.30	49628	BB	.008	BETA-BHC
6	19.90	3450	BB	.000	4,4'-DDE
7	21.70	274508	BB	.046	ENDRIN
8	22.33	11248	BB	.002	4,4'-DDD
9	23.61	622734	BB	.101	4,4'-DDT
10	23.95	13983	BB	.003	ENDRIN ALDEH
11	24.34	6860	BB	.002	
12	27.41	872767	BB	.235	METHOXYCHLOR
13	27.76	10120	BB	.002	ENDRIN KETON
14	27.99	5576	BB	.001	
15	33.71	199321	BB	.020	DCB

Handwritten signature and date: 7/25/94

Total Area: 2397604

Method File: /DATA/METHOD/QM9P21JUL.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1717 25Jul1994



Sample Name : PEMOC
 Lab Id : PEMOC
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL004.RES
 Inject Time : 1604 24Jul1994
 Run Status : EndOffBaseline
 UserAbortedRun
 SignalOverload

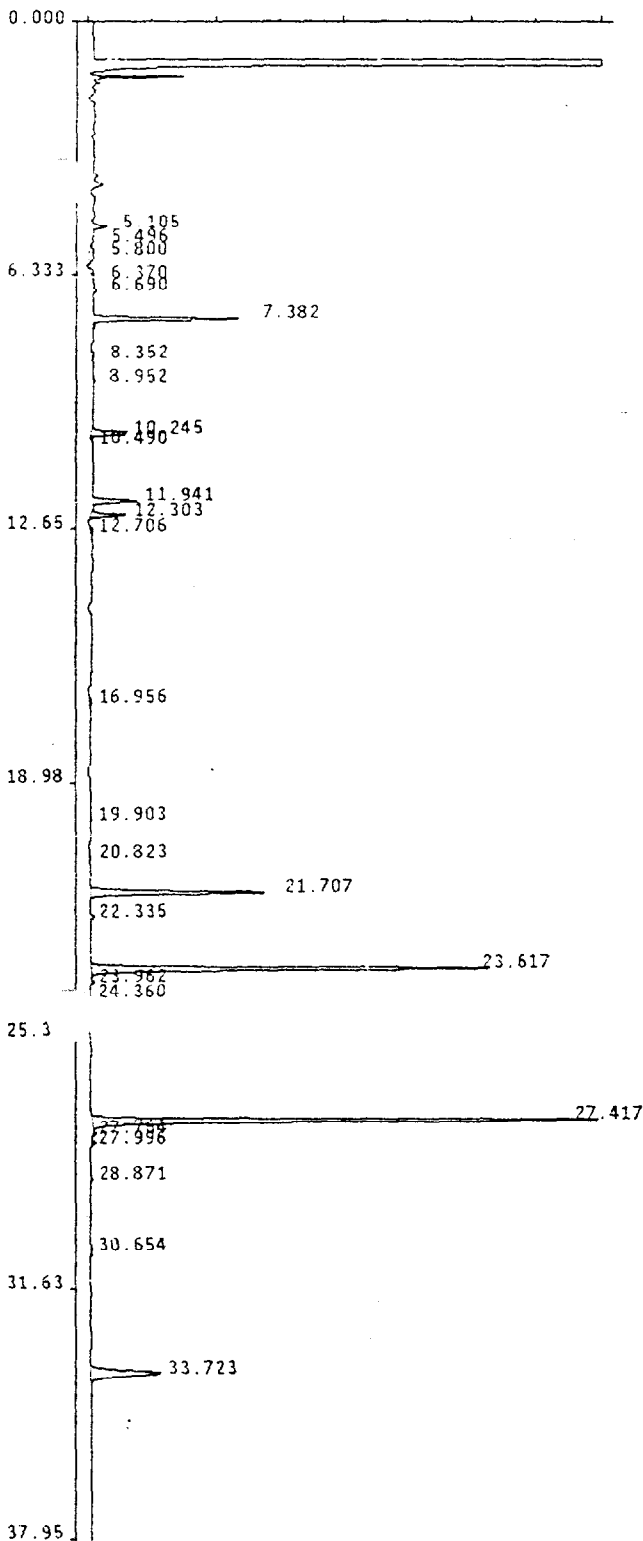
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

J 7/25/94

PK #	RT	Area	Code	MASSng	Name
1	5.09	13607	BB	.003	
2	5.74	26557	BB	.006	
3	6.37	13702	BB	.003	
4	6.67	2808	BB	.001	
5	7.37	197154	BB	.019	TCX
6	8.34	3907	BB	.001	
7	8.93	2580	BB	.001	
8	10.23	52329	BB	.008	ALPHA-BHC
9	10.47	2188	BB	.000	
10	11.92	65381	BB	.008	GAMMA-BHC
11	12.28	52306	BB	.009	BETA-BHC
12	12.68	8885	BB	.002	
13	14.84	9367	BB	.002	
14	16.93	9644	BB	.002	
15	19.88	2264	BB	.000	4,4'-DDE
16	20.80	2296	BB	.001	
17	21.69	287192	BB	.048	ENDRIN
18	22.31	6495	BB	.001	4,4'-DDO
19	23.60	632485	BB	.103	4,4'-DDT
20	23.94	6358	BB	.001	ENDRIN ALDEH
21	24.33	6684	BB	.001	
22	25.60	3479	BB	.001	
23	27.40	778830	BB	.210	METHOXYCHLOR
24	27.74	5361	BB	.001	ENDRIN KETON
25	27.97	6625	BB	.001	
26	28.85	3172	BB	.001	
27	30.61	2726	BB	.001	
28	33.69	190398	BB	.019	DCB

Total Area: 2394782

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1637 25Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : PEMOD
 Lab Id : PEMOD
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL028.RES
 Inject Time : 0947 25Jul1994
 Run Status : SignalOverload

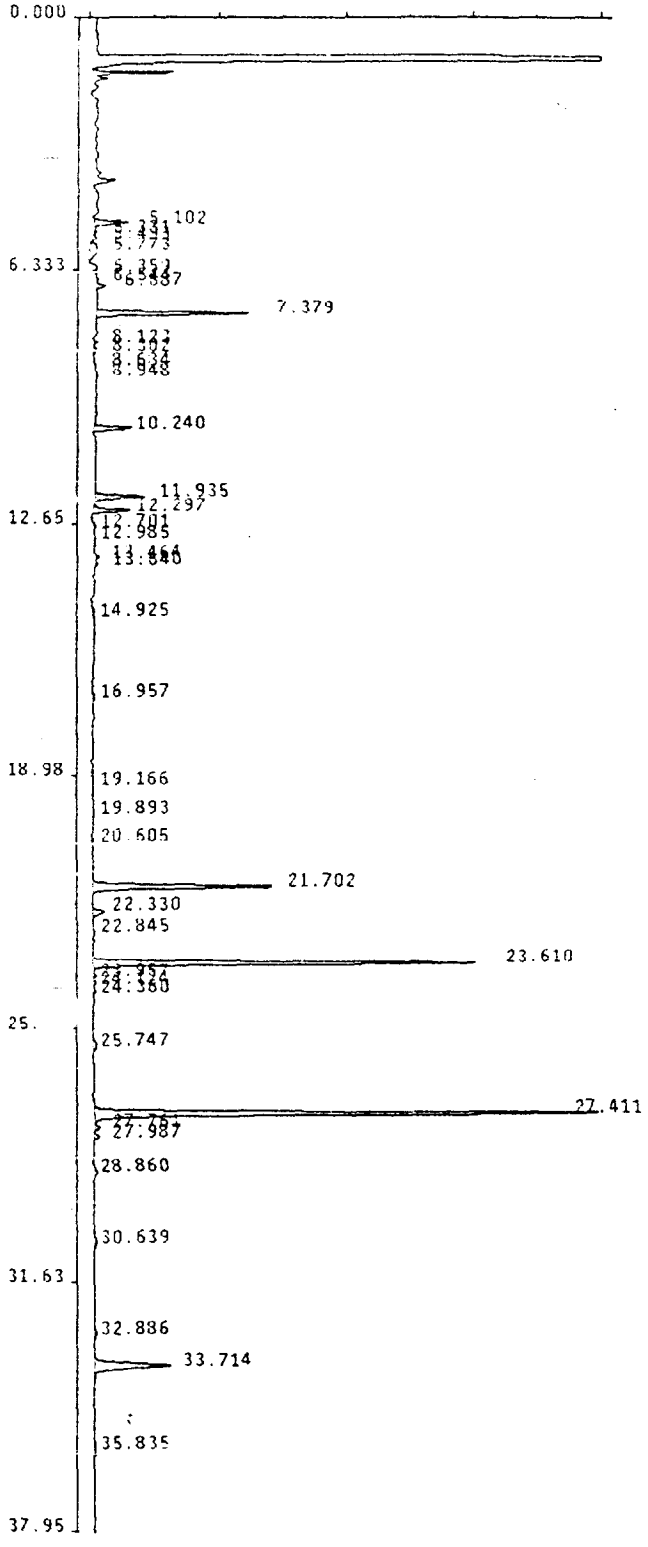
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	5.10	22051	BB	.005	
2	5.50	3465	BB	.001	
3	5.80	33317	BB	.007	
4	6.37	15187	BB	.003	
5	6.69	4334	BB	.001	
6	7.38	197616	BB	.019	TCX
7	8.35	4789	BB	.001	
8	8.95	2745	BB	.001	
9	10.24	57779	BB	.009	ALPHA-BHC
10	10.49	2450	BB	.001	
11	11.94	73793	BB	.009	GAMMA-BHC
12	12.30	55827	BB	.009	BETA-BHC
13	12.71	8265	BB	.002	
14	16.96	8051	BB	.002	
15	19.90	2078	BB	.000	4,4'-DDE
16	20.82	2046	BB	.000	
17	21.71	319993	BB	.054	ENDRIN
18	22.33	7146	BB	.001	4,4'-DDD
19	23.62	682786	BB	.111	4,4'-DUT
20	23.96	5629	BB	.001	ENDRIN ALDEH
21	24.36	3566	BB	.001	
22	27.42	941026	BB	.254	METHOXYCHLOR
23	27.76	5845	BB	.001	ENDRIN KETON
24	28.00	8170	BB	.002	
25	28.87	5162	BB	.001	
26	30.65	4349	BB	.001	
27	33.72	213739	BB	.022	DCB

JB
 7/25/94

Total Area: 2691204

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1734 25Jul1994



Sample Name : PEMOE
 Lab Id : PEMOE
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL054.RES
 Inject Time : 0500 26Jul1994
 Run Status : EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation : AreaUnits

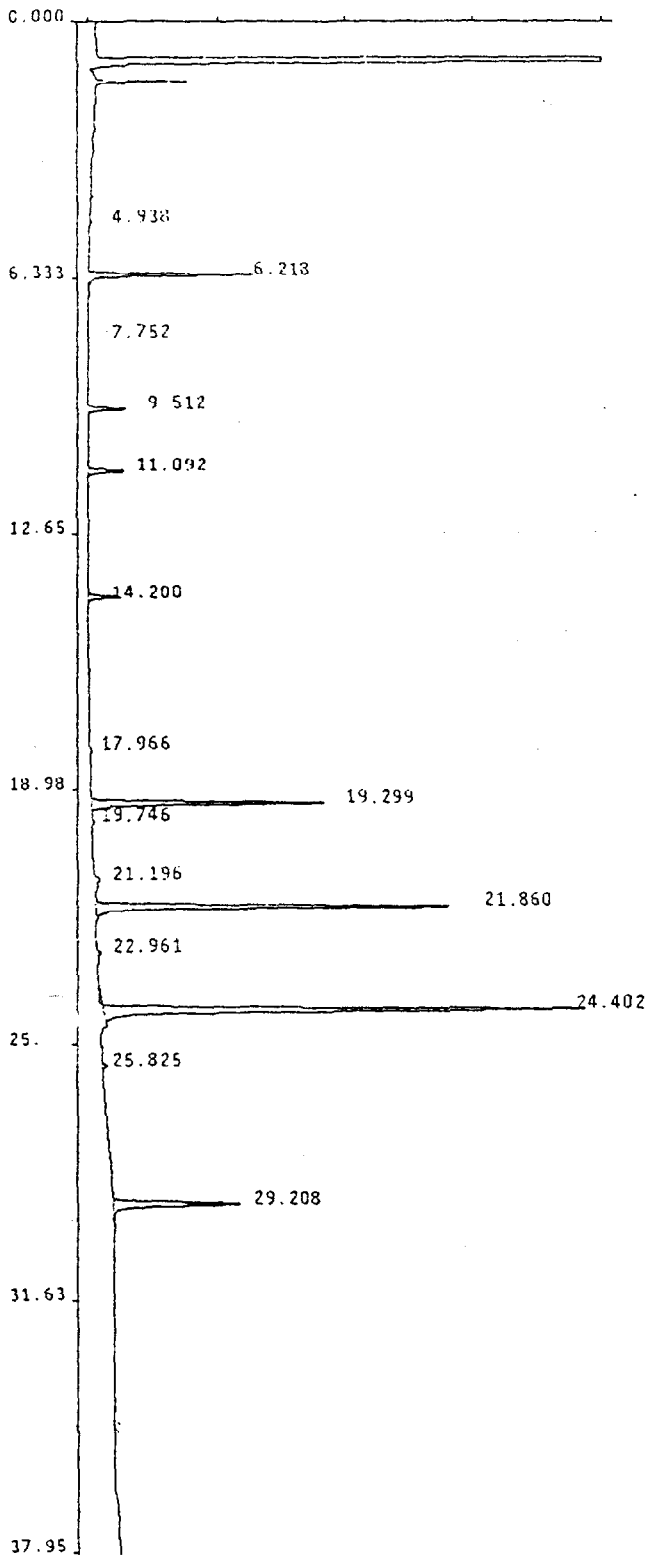
SignalOverload
 Format File: /DATA/FORMAT/DUAL_COL.FMT

Report	Time	Area	Height	Width	Mass	Signal	Name
1	5.10	56678	88	.012			
2	5.33	2776	88	.001			
3	5.49	7297	88	.002			
4	5.77	43535	88	.010			
5	6.36	18544	88	.004			
6	6.54	2031	88	.000			
7	6.69	12296	88	.003			
8	7.38	211052	88	.020			TCX
9	8.12	4379	88	.001			
10	8.30	6871	88	.002			
11	8.68	4400	88	.001			
12	8.95	3490	88	.001			
13	10.24	56831	88	.009			ALPHA-BHC
14	11.94	80788	88	.010			GAMMA-BHC
15	12.30	59398	88	.010			BETA-BHC
16	12.70	4754	88	.001			
17	12.99	2887	88	.001			
18	13.46	6650	88	.001			
19	13.64	5408	88	.001			
20	14.92	5644	88	.001			
21	16.96	3387	88	.001			
22	19.17	6275	88	.001			
23	19.89	2436	88	.000			4,4'-DDE
24	20.60	3130	88	.001			
25	21.70	349661	88	.059			ENDRIN
26	22.33	25083	88	.005			4,4'-DDD
27	22.84	2411	88	.001			
28	23.61	680025	88	.111			4,4'-DOT
29	23.96	3158	88	.001			ENDRIN ALDEH
30	24.12	2944	88	.001			
31	24.36	2564	88	.001			
32	25.75	14295	88	.003			
33	27.41	969775	88	.262			METHOXYCHLOR
34	27.76	8874	88	.002			ENDRIN KETON
35	27.99	8665	88	.002			
36	28.86	10933	88	.002			
37	30.64	11959	88	.003			
38	32.89	10811	88	.002			
39	33.71	232587	88	.024			DCB
40	35.83	9658	88	.002			

SM
7/26/94

Total Area: 2954341

Method File: /DATA/METHOD/INDAB09.MTH



Geimic Corporation Pest/PCB Report

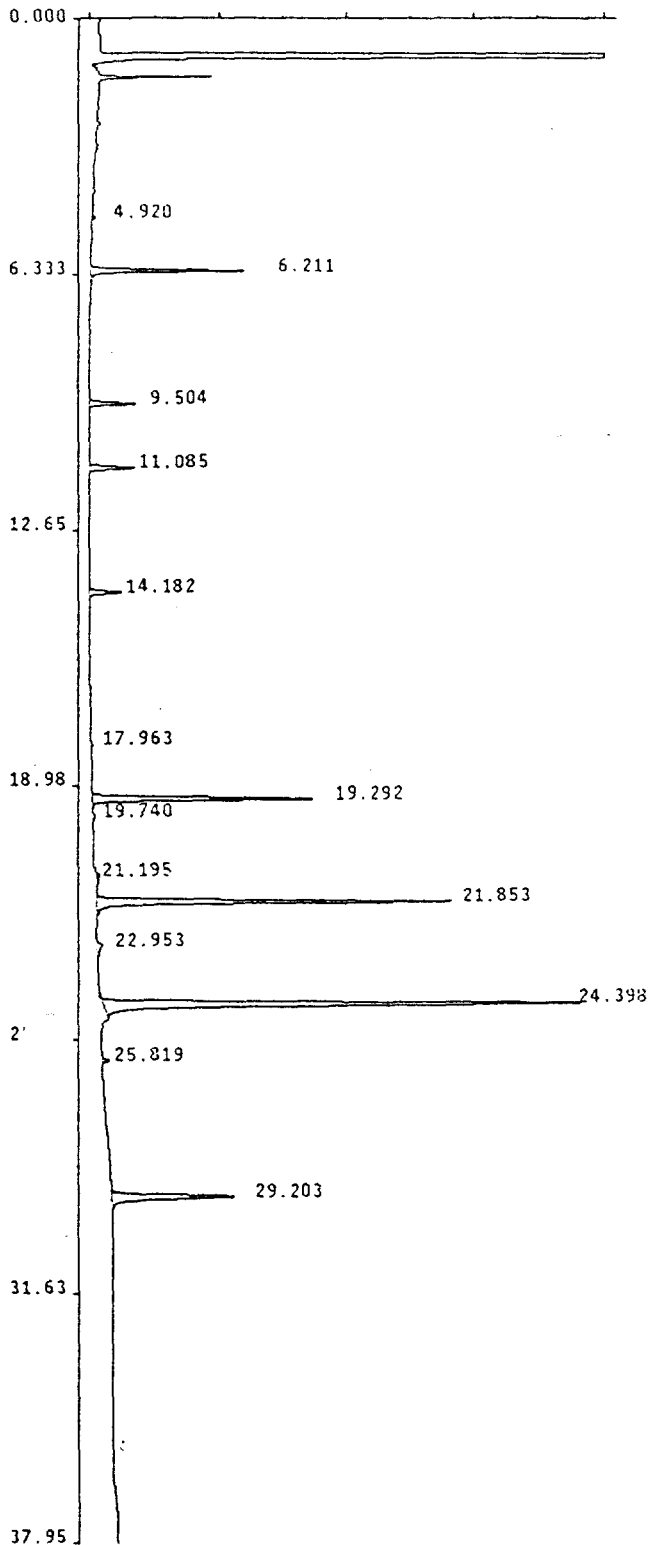
Sample Name : PEM1A
 Lab Id : PEM1A ,I
 Inst Id & Col : A08_1, 081701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/M8P21JUL002.RES
 Inject Time : 1249 21Jul1994
 Run Status : EndOffBaseline
 SignalOverload
 SpecialInteg

Handwritten signature
 7/25/94

Pk #	RT	Area	Code	MASSng	Name
1	4.94	2798	V8	.001	
2	6.22	216798	B8	.019	TCX
3	7.75	2185	B8	.000	
4	9.51	58880	B8	.008	ALPHA-BHC
5	11.09	63401	B8	.008	GAMMA-BHC
6	14.20	50506	FF	.008	BETA-BHC
7	17.97	4479	B8	.001	4,4'-DDE
8	19.30	378041	B8	.047	ENDRIN
9	19.75	3738	B8	.001	
10	21.20	6230	B8	.001	4,4'-DDD
11	21.86	640637	B8	.108	4,4'-DDT
12	22.96	5090	B8	.001	ENDRIN ALDEH
13	24.40	955622	B8	.225	METHOXYCHLOR
14	25.82	7751	B8	.001	ENDRIN KETON
15	29.21	273337	B8	.020	DCB

Total Area: 2669494

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 2059 25Jul1994



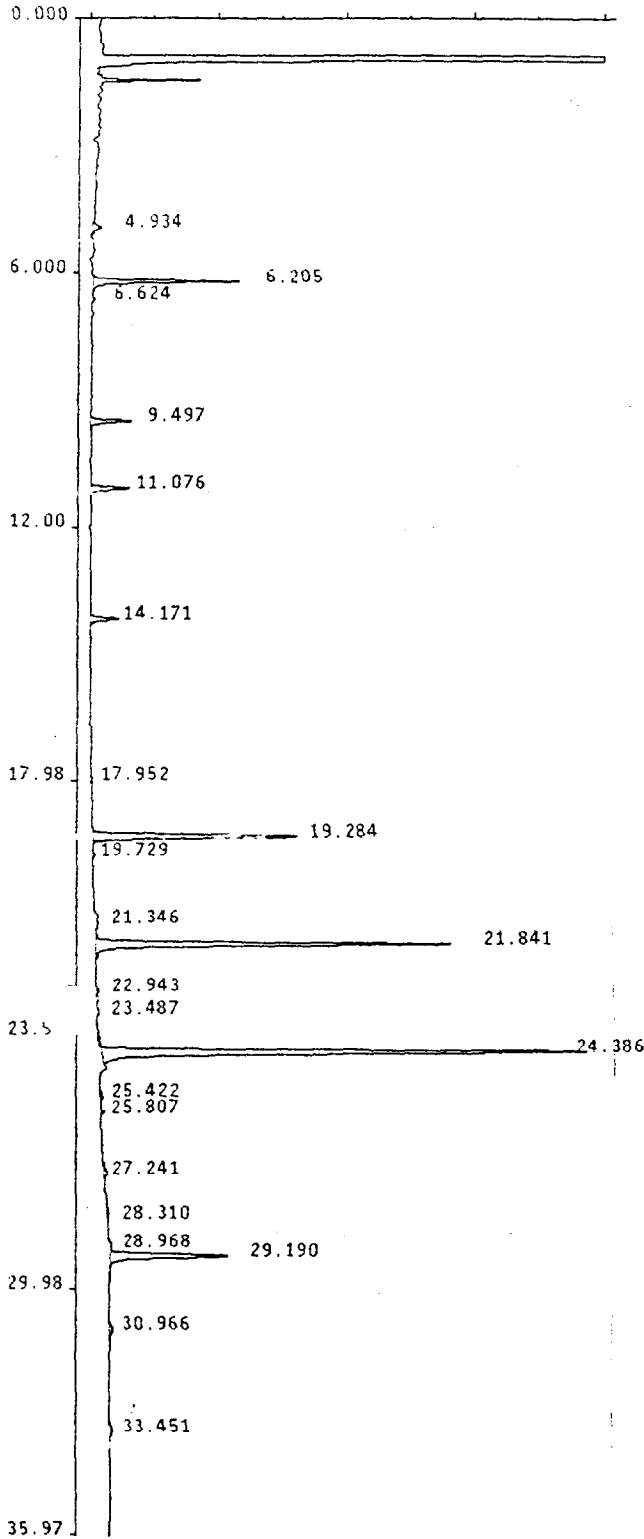
Sample Name : PEM18
 Lab Id : PEM18 ,I
 Inst Id & Col : A08_1, D81701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M8P21JUL021.RES
 Inject Time : 0252 22Jul1994
 Run Status : EndOffBaseline
 Multilevel : False
 Application : Loop
 Quantitation: AreaUnits
 SignalOverload

PK #	RT	Area	Code	MASSng	Name
1	4.92	4442	VB	.001	
2	6.21	209181	BB	.018	TCX
3	9.50	65384	BB	.009	ALPHA-BHC
4	11.08	71019	BB	.009	GAMMA-BHC
5	14.18	53029	BB	.008	BETA-BHC
6	17.96	2659	BB	.000	4,4'-DDE
7	19.29	366426	BB	.045	ENDRIN
8	19.74	3697	BB	.001	
9	21.19	3917	BB	.001	4,4'-DDD
10	21.85	630202	BB	.106	4,4'-DDT
11	22.95	20140	BB	.005	ENDRIN ALDEH
12	24.40	1004396	BB	.236	METHOXYCHLOR
13	25.82	12101	BB	.002	ENDRIN KETON
14	29.20	261307	BB	.019	DCB

J3
 7/25/94

Total Area: 2707899

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1402 22Jul1994



Sample Name : PEM1C
 Lab Id : PEM1C
 Inst Id & Col : A08_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL004.RES
 Inject Time : 1604 24Jul1994
 Run Status : UserAbortedRun
 SignalOverload

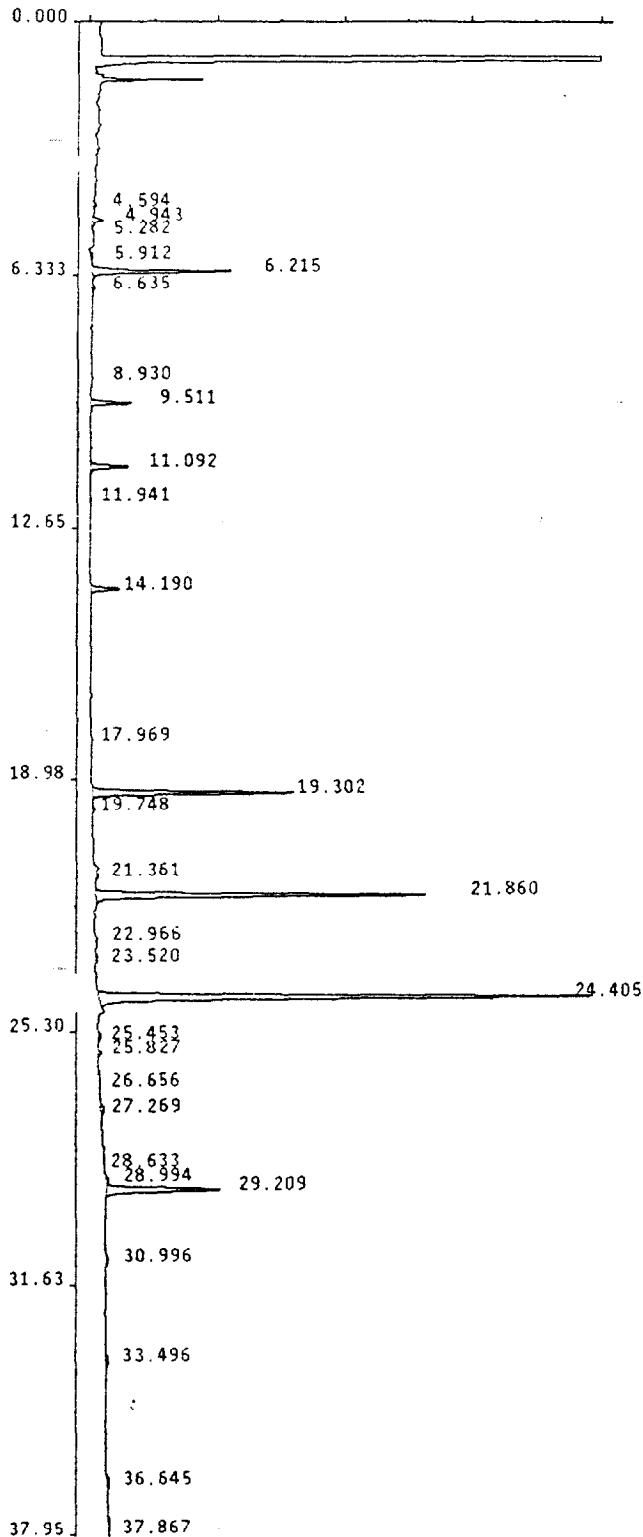
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

J. J. J.

PK #	RT	Area	Code	MASSng	Name
1	4.93	23470	VB	.005	
2	6.21	229101	BB	.020	TCX
3	6.62	4437	BB	.001	
4	9.50	68220	BB	.010	ALPHA-BHC
5	11.03	68223	BB	.009	GAMMA-BHC
6	14.17	52444	BB	.008	BETA-BHC
7	17.95	3355	BB	.000	4,4'-DDE
8	19.28	385977	BB	.048	ENDRIN
9	19.73	4105	BB	.001	
10	21.35	4511	BB	.001	ENDOSULF. II
11	21.84	692489	BB	.117	4,4'-DDT
12	22.94	3579	BB	.001	ENDRIN ALDEH
13	23.49	6597	BB	.001	
14	24.39	1037763	BB	.244	METHOXYCHLOR
15	25.42	8569	BB	.002	
16	25.81	6817	BB	.001	ENDRIN KETON
17	27.24	2480	BB	.001	
18	28.31	9652	BB	.002	
19	28.97	2570	BB	.001	
20	29.19	259986	BB	.019	DCB
21	30.97	11888	BB	.003	
22	33.45	12354	BB	.003	

Total Area: 2898586

Method File: /DATA/METHOD/INDA808.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1645 25Jul1994



Sample Name : PEM1D
 Lab Id : PEM1D
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL028.RES
 Inject Time : 0947 25Jul1994
 Run Status : SignalOverload

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

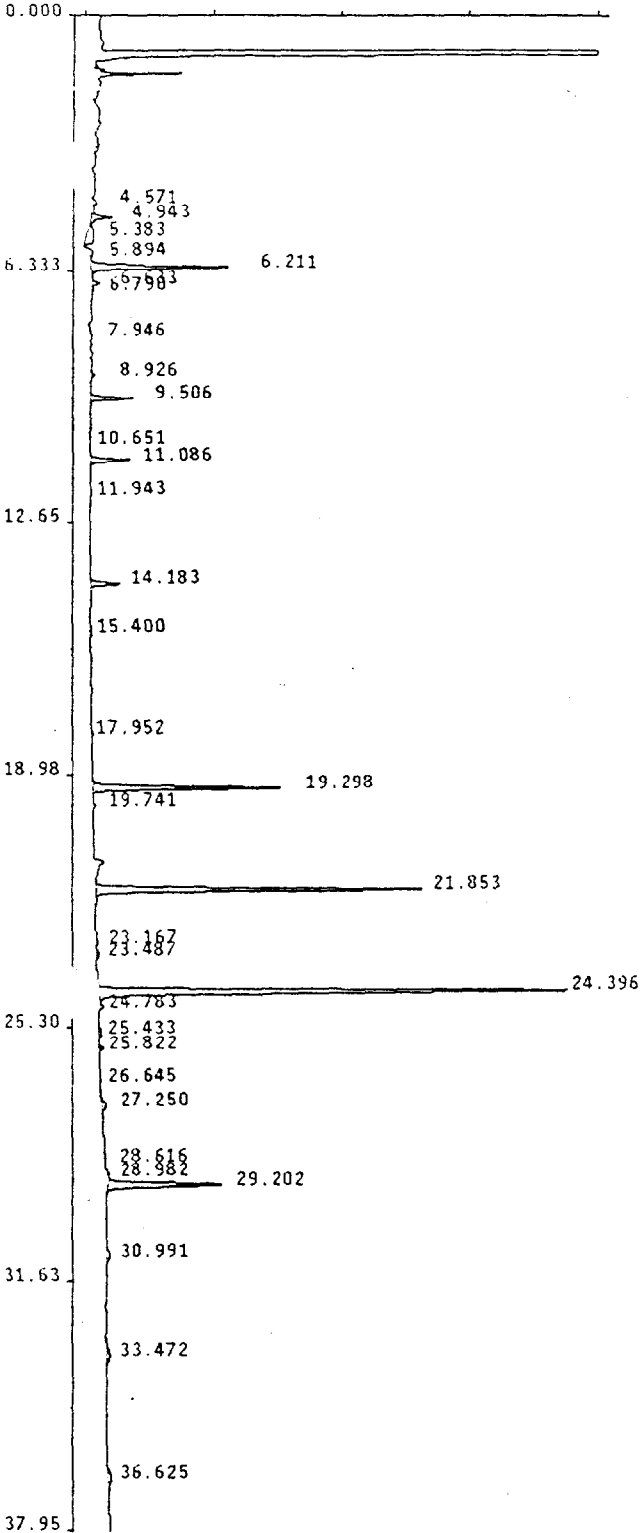
Pk #	RT	Area	Code	MASSng	Name
1	4.59	4624	BV	.001	
2	4.94	27516	VB	.006	
3	5.28	2483	BB	.001	
4	5.91	9562	BB	.002	
5	6.21	229839	BB	.020	TCX
6	6.64	5192	BB	.001	
7	8.93	2357	BB	.001	
8	9.51	72656	BB	.010	ALPHA-BHC
9	11.09	76882	BB	.010	GAMMA-BHC
10	11.94	2241	BB	.000	HEPTACHLOR
11	14.19	54614	BB	.008	BETA-BHC
12	17.97	2171	BB	.000	4,4'-DDE
13	19.30	394936	BB	.049	ENDRIN
14	19.75	4215	BB	.001	
15	21.36	5115	BB	.001	
16	21.86	693077	BB	.117	4,4'-DDT
17	22.97	2577	BB	.001	ENDRIN ALDEH
18	23.52	8361	BB	.002	
19	24.40	1137723	BB	.268	METHOXYCHLOR
20	25.45	11010	BB	.002	
21	25.83	7051	BB	.001	ENDRIN KETON
22	26.66	4137	BB	.001	
23	27.27	15622	BB	.003	
24	28.63	4326	BB	.001	
25	28.99	3284	BB	.001	
26	29.21	270345	BB	.020	DCB
27	31.00	14770	BB	.003	
28	33.50	17373	BB	.004	
29	36.64	16127	BB	.004	
30	37.87	2417	BB	.001	

Handwritten signature

Total Area: 3102601

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1750 25Jul1994

175-A



Sample Name : PEM1E
 Lab Id : PEM1E
 Inst Id & Col : ADB_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL054.RES
 Inject Time : 0500 26Jul1994
 Run Status : EndOffBaseline
 SignalOverload

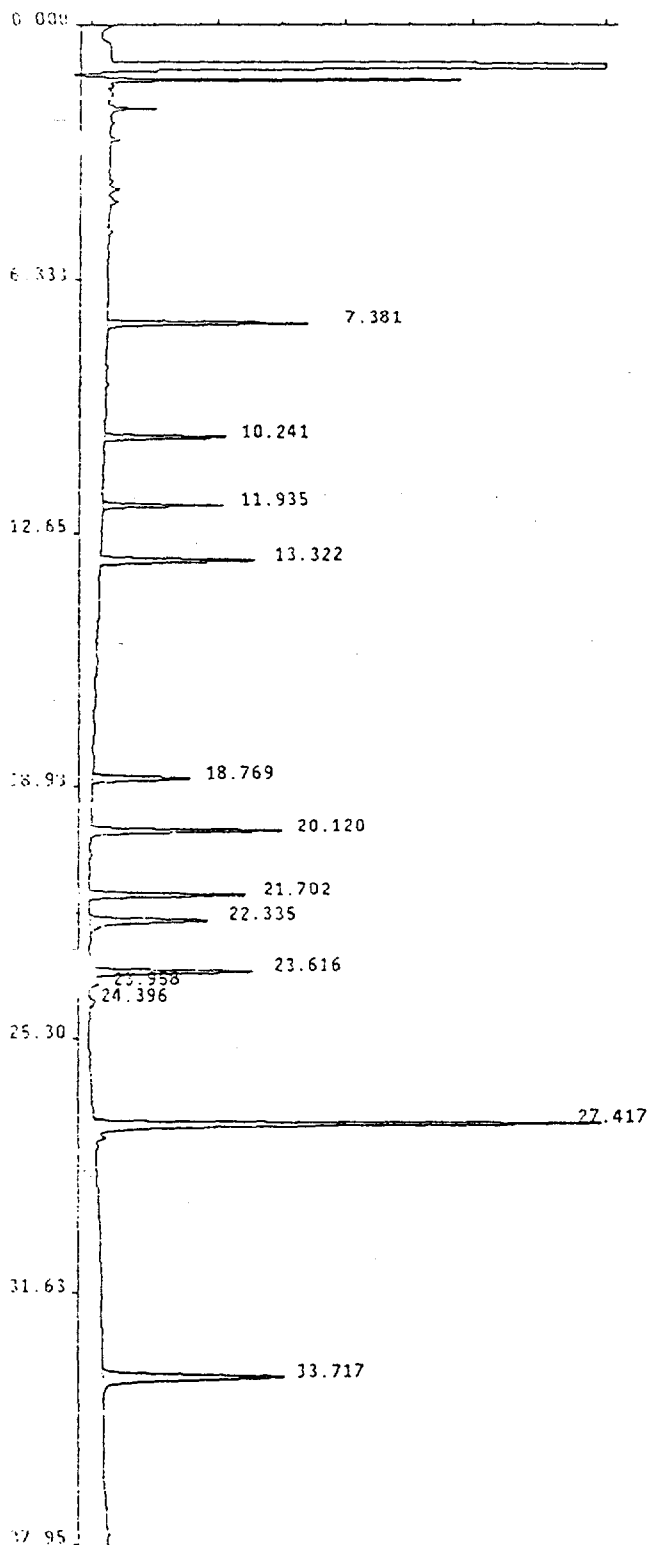
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	4.57	8785	BV	.002	
2	4.94	49476	VB	.011	
3	5.38	62008	BB	.014	
4	5.89	23270	BB	.005	
5	6.21	277831	BB	.024	TCX
6	6.63	12344	BB	.003	
7	6.79	4125	BB	.001	
8	7.95	3868	BB	.001	
9	8.93	6567	BB	.001	
10	9.51	76285	BB	.011	ALPHA-BHC
11	10.65	2788	BB	.001	
12	11.09	81292	BB	.010	GAMMA-BHC
13	11.94	4387	BB	.000	HEPTACHLOR
14	14.18	60048	BB	.009	BETA-BHC
15	15.40	8003	BB	.002	
16	17.95	3781	BB	.000	4,4'-DDE
17	19.30	395430	BB	.049	ENDRIN
18	19.74	4216	BB	.001	
19	21.85	699769	BB	.118	4,4'-DDT
20	23.17	2756	BB	.001	
21	23.49	10931	BB	.002	
22	24.40	1177229	BB	.277	METHOXYCHLOR
23	24.78	3803	BB	.001	
24	25.43	14371	BB	.003	
25	25.82	9297	BB	.002	ENDRIN KETON
26	26.64	7489	BB	.002	
27	27.25	21948	BB	.005	
28	28.62	5551	BB	.001	
29	28.98	3036	BB	.001	
30	29.20	284648	BB	.021	DCB
31	30.99	21173	BB	.005	
32	33.47	28376	BB	.006	
33	36.62	21257	BB	.005	

SM
7/26/94

Total Area: 3396138

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1147 26Jul1994



Sample Name : INDALOA
 Lab Id : INDALOA .I
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL010.RES
 Inject Time : 1844 21Jul1994
 Run Status : RunStatusOK

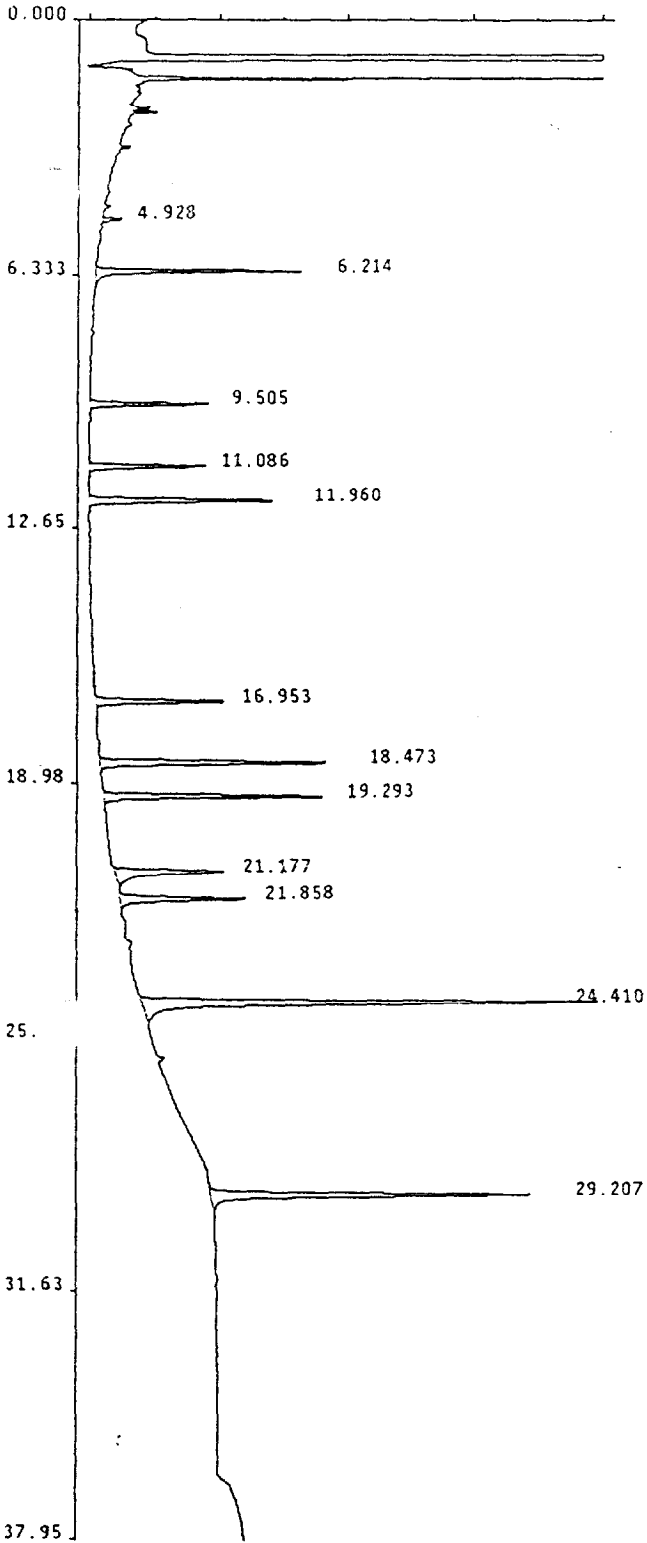
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	7.38	49559	BB	.005	TCX
2	10.24	33704	BB	.005	ALPHA-BHC
3	11.94	35406	BB	.005	GAMMA-BHC
4	13.32	51526	BB	.005	HEPTACHLOR
5	18.77	34011	BB	.005	ENDOSULF. I
6	20.12	64772	BB	.009	DIELDRIN
7	21.70	54417	BB	.009	ENDRIN
8	22.34	48435	BB	.009	4,4'-DDD
9	23.62	54863	BB	.009	4,4'-DDT
10	23.96	2999	BB	.001	ENDRIN ALDEH
11	24.40	2959	BB	.001	
12	27.42	174474	BB	.047	METHOXYCHLOR
13	33.72	98580	BB	.010	DCB

Handwritten signature and date: 7/25/94

Total Area: 705703

Method File: /DATA/METHOD/QM9P21JUL.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 2051 25Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : INDALIA
 Lab Id : INDALIA ,I
 Inst Id & Col : AD8_1, D81701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M8P21JUL010.RES
 Inject Time : 1844 21Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

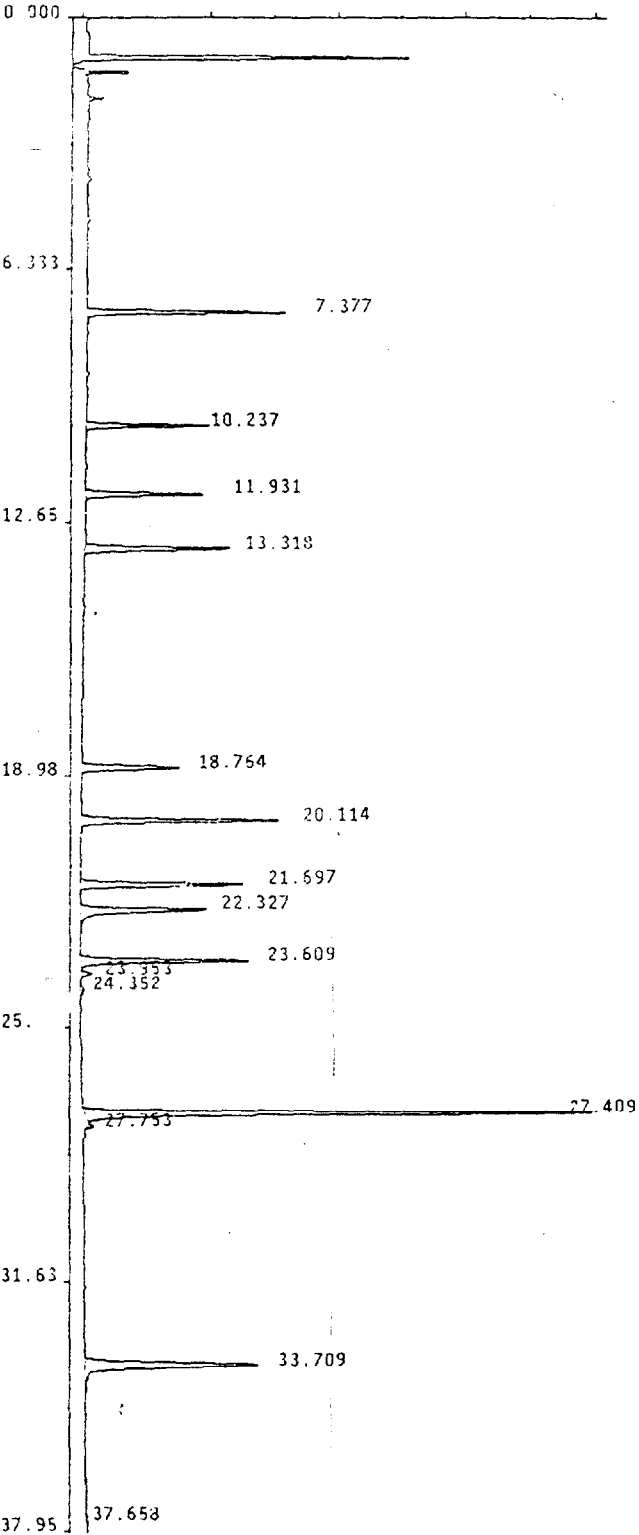
Pk #	RT	Area	Code	MASSng	Name
1	4.93	5039	V8	.001	
2	6.21	56622	B8	.005	TCX
3	9.50	32547	B8	.005	ALPHA-BHC
4	11.09	36086	B8	.005	GAMMA-BHC
5	11.96	61819	B8	.005	HEPTACHLOR
6	16.95	43544	B8	.005	ENDOSULF. I
7	18.47	80012	B8	.009	DIELDRIN
8	19.29	71697	B8	.009	ENDRIN
9	21.18	51676	B8	.009	4,4'-DDD
10	21.86	48500	B8	.008	4,4'-DDT
11	24.41	201882	B8	.048	METHOXYCHLOR
12	29.21	135931	B8	.010	DCB

J. J. 7/25/94

Total Area: 825356

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1354 22Jul1994

Sample Name : INDALMOA
 Lab Id : INDALMOA, I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /CEIMIC20/M9P21JUL012.RES
 Inject Time : 2013 21Jul1994
 Run Status : RunStatusOK

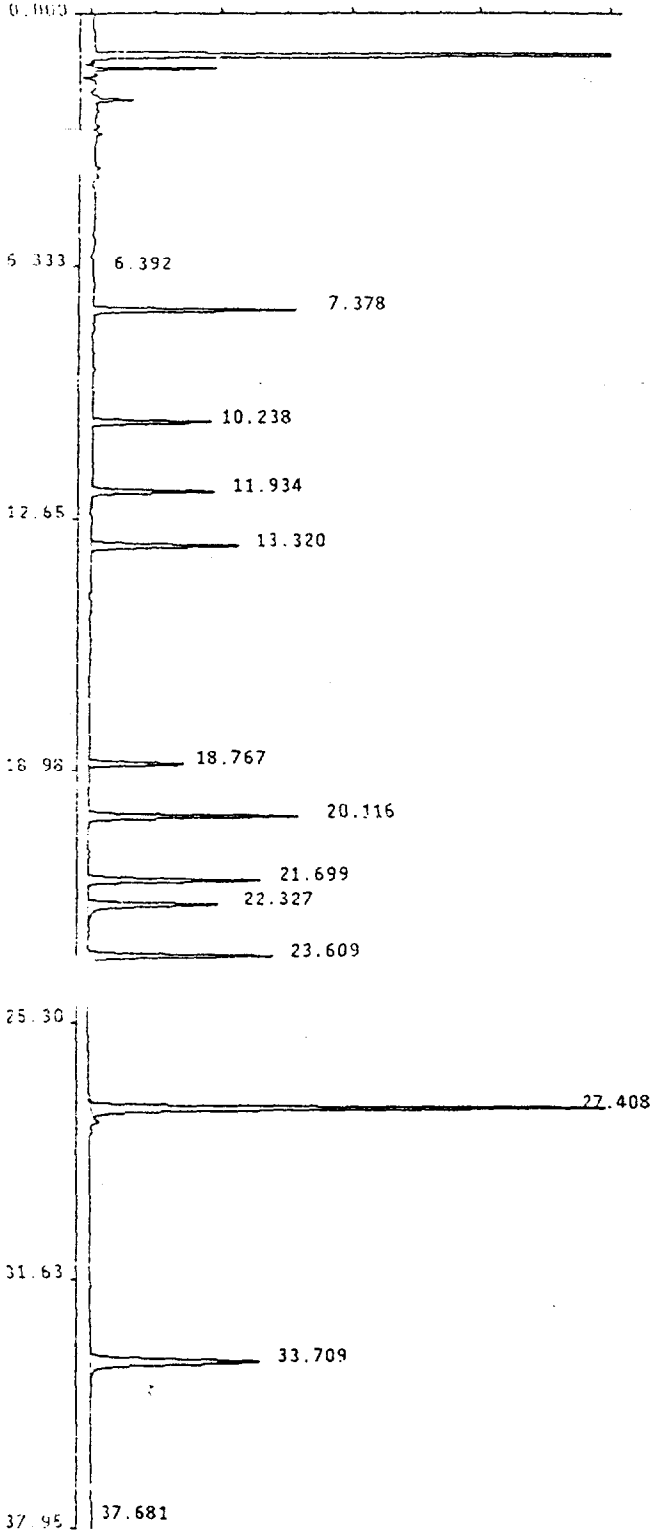


Pk #	RT	Area	Code	MASSng	Name
1	7.38	131505	88	.013	TCX
2	13.24	88542	88	.013	ALPHA-BHC
3	11.93	93176	88	.012	GAMMA-BHC
4	13.32	131791	88	.013	HEPTACHLOR
5	18.76	88265	88	.013	ENDOSULF. I
6	20.11	172098	88	.025	DIELDRIN
7	21.70	145651	88	.024	ENDRIN
8	22.33	133870	88	.026	4,4'-DDD
9	23.61	149143	88	.024	4,4'-DDT
10	23.95	8356	88	.002	ENDRIN ALDEH
11	24.35	5564	88	.001	
12	27.41	469652	88	.127	METHOXYCHLOR
13	27.75	5483	88	.001	ENDRIN KETON
14	33.71	258501	88	.026	DCB
15	37.66	2955	88	.001	

SM
7/27/94

Total Area: 1884552

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1131 27Jul1994



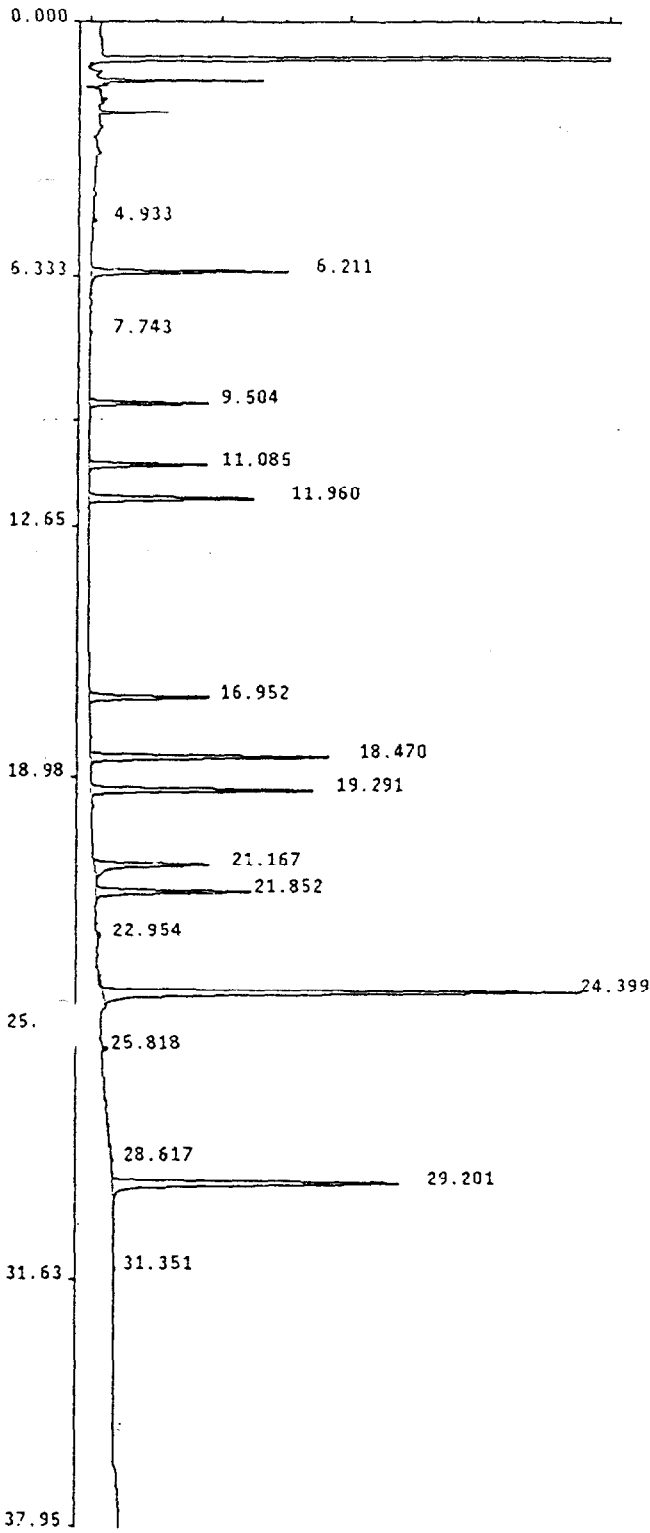
Sample Name : INDAM0A
 Lab Id : INDAM0A ,1
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/M9P21JUL014.RES
 Inject Time : 2141 21Jul1994
 Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	6.39	6707	BB	.001	
2	7.38	208410	BB	.020	TCX
3	10.24	132000	BB	.020	ALPHA-BHC
4	11.93	155815	BB	.020	GAMMA-BHC
5	13.32	208088	BB	.020	HEPTACHLOR
6	18.77	136210	BB	.020	ENDOSULF. I
7	20.12	279397	BB	.040	DIELDRIN
8	21.70	238644	BB	.040	ENDRIN
9	22.33	206429	BB	.040	4,4'-DDD
10	23.61	246105	BB	.040	4,4'-DDT
11	27.41	741509	BB	.200	METHOXYCHLOR
12	33.71	392459	BB	.040	DCB
13	37.68	3383	BB	.001	

Handwritten signature and date: 7/25/94

Total Area: 2955155

Method File: /DATA/METHOD/QM9P21JUL.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1703 25Jul1994



Sample Name : INDAM1A
 Lab Id : INDAM1A ,I
 Inst Id & Col : A08_1, 081701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M8P21JUL014.RES
 Inject Time : 2141 21Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

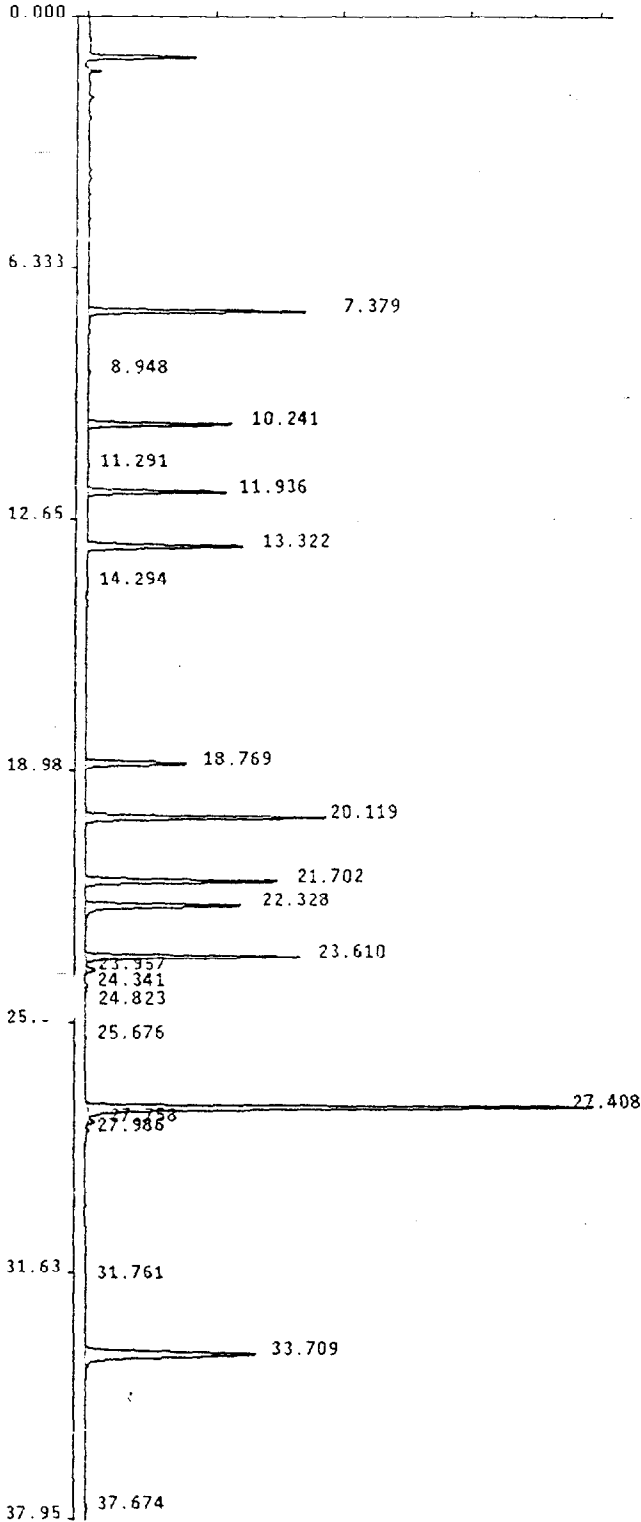
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.93	4513	VB	.001	
2	6.21	232052	BB	.020	TCX
3	7.74	2336	BB	.001	
4	9.50	140713	BB	.020	ALPHA-BHC
5	11.08	158891	BB	.020	GAMMA-BHC
6	11.96	248122	BB	.020	HEPTACHLOR
7	16.95	185298	BB	.020	ENDOSULF. I
8	18.47	358368	BB	.040	DIELDRIN
9	19.29	323380	BB	.040	ENDRIN
10	21.17	222989	BB	.040	4,4'-DDD
11	21.85	237374	BB	.040	4,4'-DDT
12	22.95	5199	BB	.001	ENDRIN ALDEH
13	24.40	849942	BB	.200	METHOXYCHLOR
14	25.82	9185	BB	.002	ENDRIN KETON
15	28.62	6108	BB	.001	
16	29.20	536727	BB	.040	DCB
17	31.35	3085	BB	.001	

J. J. Li

Total Area: 3524283

Method File: /DATA/METHOD/INDAQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1356 22Jul1994



Ceimic Corporation Pest/PCB Report

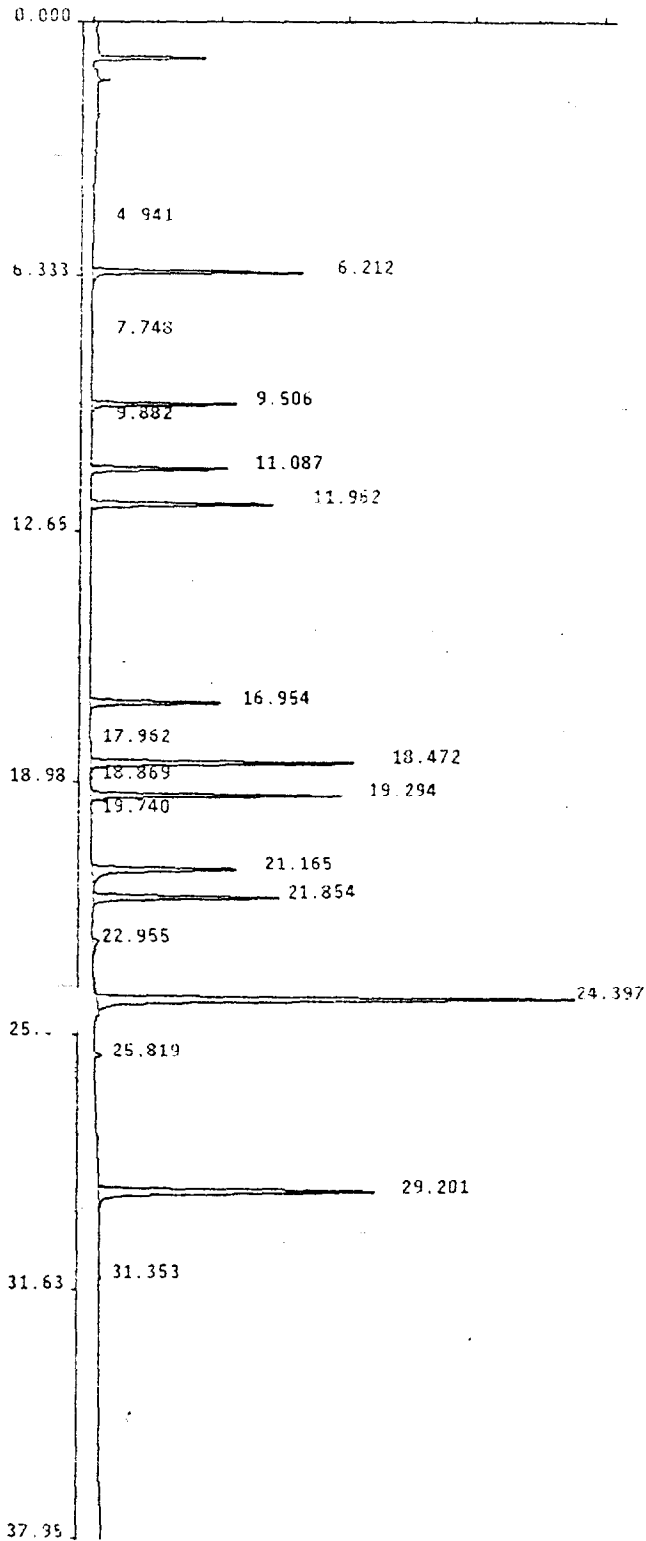
Sample Name : INDAMHOA
 Lab Id : INDAMHOA, I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /CEIMIC20/M9P21JUL016.RES
 Inject Time : 2310 21Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	7.38	481486	B6	.046	TCX
2	8.95	5388	BB	.001	
3	10.24	344009	BB	.052	ALPHA-BHC
4	11.29	3946	BB	.001	
5	11.94	355384	BB	.046	GAMMA-BHC
6	13.32	472041	BB	.045	HEPTACHLOR
7	14.29	2294	BB	.001	
8	18.77	318482	BB	.047	ENDOSULF. I
9	20.12	682435	BB	.098	DIELDRIN
10	21.70	578263	BB	.097	ENDRIN
11	22.33	495832	BB	.096	4,4'-DDD
12	23.61	608586	BB	.099	4,4'-DDT
13	23.96	28665	BB	.007	ENDRIN ALDEH
14	24.34	11654	BB	.003	
15	24.82	2330	BB	.001	
16	25.68	2642	BB	.001	
17	27.41	1606021	BB	.433	METHOXYCHLOR
18	27.76	19233	BB	.003	ENDRIN KETON
19	27.99	2962	BB	.001	
20	31.76	2917	BB	.001	
21	33.71	849738	BB	.087	DCB
22	37.67	5301	BB	.001	

SM 7/27/94

Total Area: 6879608

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1134 27Jul1994



Sample Name : INDAMH1A
 Lab Id : INDAMH1A, I
 Inst Id & Col : AD8_1, D81701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /CEIMIC20/MSP21JUL016.RES
 Inject Time : 2310 21Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

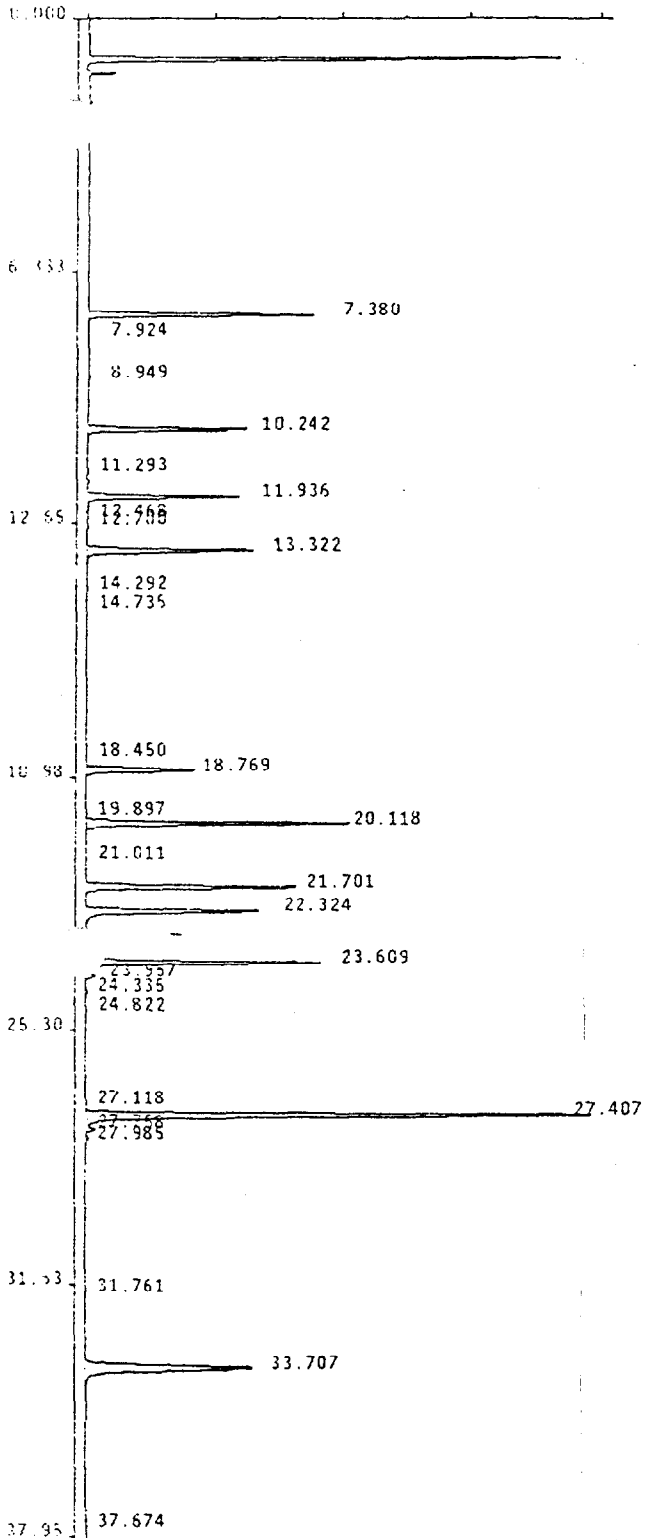
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.94	4046	VG	.001	
2	6.21	530910	BB	.046	TCX
3	7.75	5234	BB	.001	
4	9.51	364491	BB	.052	ALPHA-BHC
5	9.88	4178	BB	.001	
6	11.09	406551	BB	.051	GAMMA-BHC
7	11.96	594762	BB	.048	HEPTACHLOR
8	16.95	435363	BB	.047	ENDOSULF. I
9	17.96	3617	BB	.000	4,4'-DDE
10	18.47	884378	BB	.099	DIELDRIN
11	18.87	2074	BB	.000	
12	19.29	786412	BB	.097	ENDRIN
13	19.74	3257	BB	.001	
14	21.16	555828	BB	.100	4,4'-DDD
15	21.85	609148	BB	.103	4,4'-DDT
16	22.96	47832	BB	.011	ENDRIN ALDEH
17	24.40	1862146	BB	.438	METHOXYCHLOR
18	25.82	21571	BB	.004	ENDRIN KETON
19	29.20	1159366	BB	.086	DCB
20	31.35	6690	BB	.001	

SM 7/27/94

Total Area: 8287856

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1056 27Jul1994



Sample Name : INDAH0A
 Lab Id : INDAH0A ,I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 ul
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL018.RES
 Inject Time : 0039 22Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

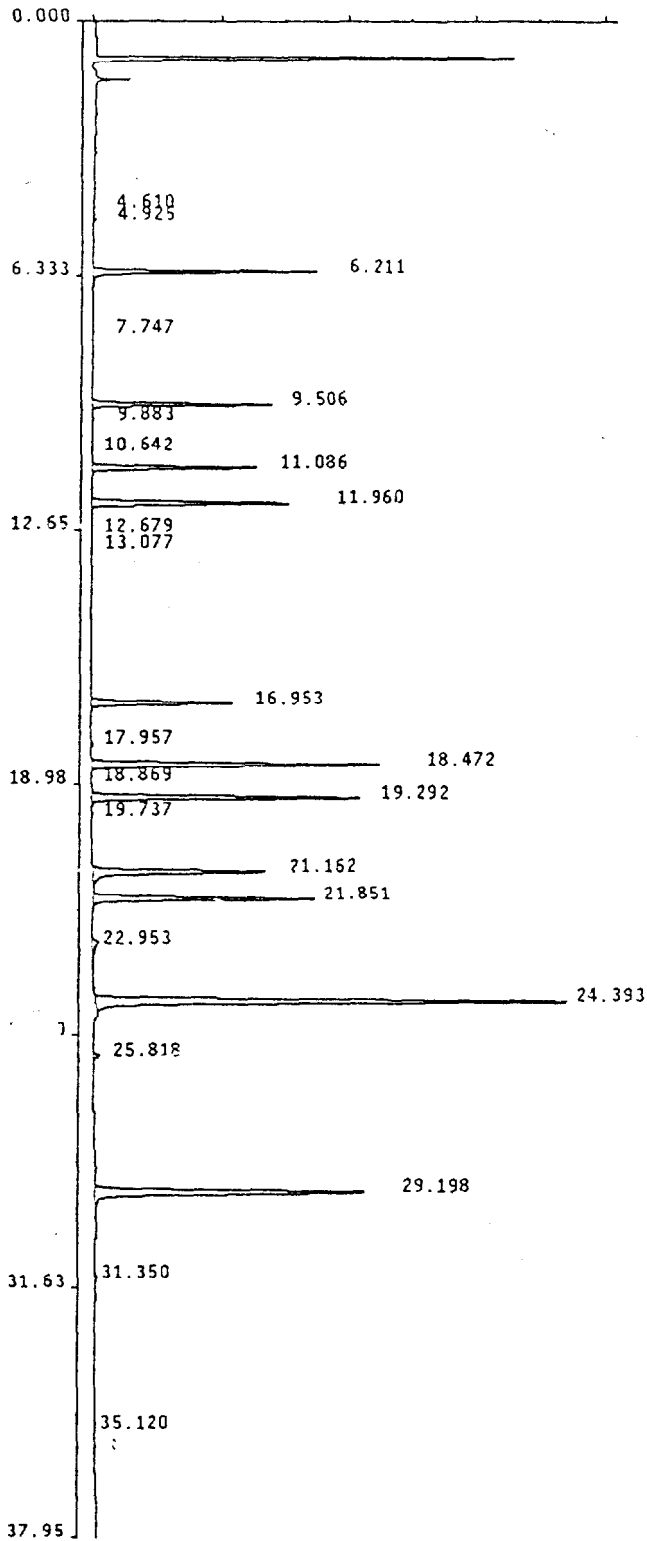
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	7.38	826390	BB	.079	TCX
2	7.92	2515	BB	.001	
3	8.95	9284	BB	.002	
4	10.24	629271	BB	.095	ALPHA-BHC
5	11.29	6700	BB	.001	
6	11.94	634017	BB	.081	GAMMA-BHC
7	12.47	2618	BB	.001	
8	12.70	2800	BB	.001	
9	13.32	818218	BB	.079	HEPTACHLOR
10	14.29	3323	BB	.001	
11	14.74	2156	BB	.000	ALDRIN
12	18.45	2853	BB	.001	
13	18.77	551693	BB	.081	ENDOSULF. I
14	19.90	3074	BB	.000	4,4'-DDE
15	20.12	1228983	BB	.176	DIELDRIN
16	21.01	3415	BB	.001	
17	21.70	1035593	BB	.174	ENDRIN
18	22.32	866181	BB	.168	4,4'-DDD
19	23.61	1092112	BB	.178	4,4'-DDT
20	23.96	49179	BB	.011	ENDRIN ALDEH
21	24.34	16239	BB	.004	
22	24.82	4132	BB	.001	
23	27.12	3355	BB	.001	
24	27.41	2596237	BS	.700	METHOXYCHLOR
25	27.76	33203	BB	.006	ENDRIN KETON
26	27.99	9827	BB	.002	
27	31.76	4684	BB	.001	
28	33.71	1397586	BB	.142	DCB
29	37.67	9185	BB	.002	

Handwritten signature
 3/25/94

Total Area: 11844828

Method File: /DATA/METHOD/QM9P21JUL.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 2049 25Jul1994



Sample Name : INDAH1A
 Lab Id : INDAH1A ,I
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M8P21JUL018.RES
 Inject Time : 0039 22Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

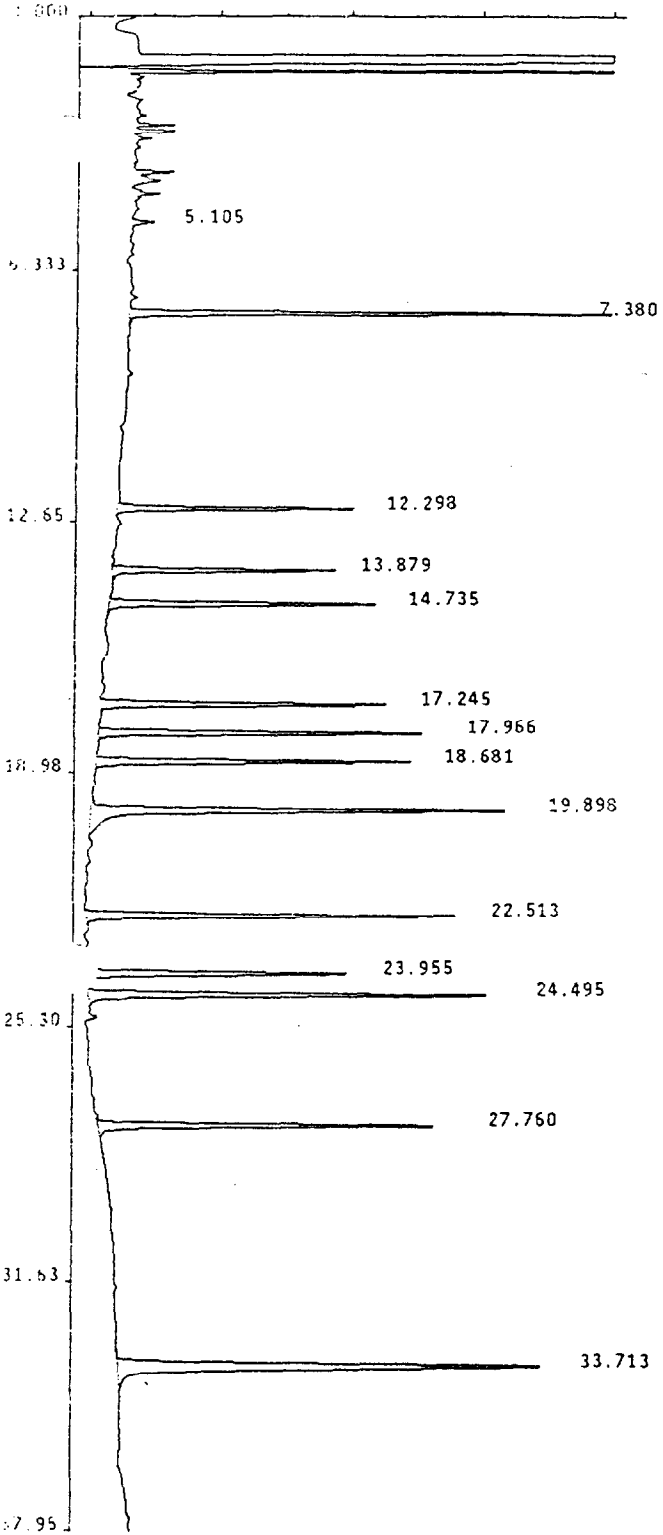
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

J
 7/25/94

Pk #	RT	Area	Code	MASSng	Name
1	4.61	2191	BV	.000	
2	4.92	7709	V8	.002	
3	6.21	911789	BB	.079	TCX
4	7.75	9021	BB	.002	
5	9.51	709778	BB	.101	ALPHA-BHC
6	9.88	7602	BB	.002	
7	10.64	3269	BB	.001	
8	11.09	767304	BB	.097	GAMMA-BHC
9	11.96	1038994	BB	.084	HEPTACHLOR
10	12.68	2680	BB	.001	
11	13.08	2529	BB	.000	ALDRIN
12	16.95	766784	BB	.083	ENDOSULF. I
13	17.96	4920	BB	.001	4,4'-DDE
14	18.47	1570223	BB	.175	DIELDRIN
15	18.87	3462	BB	.001	
16	19.29	1389195	BB	.172	ENDRIN
17	19.74	5609	BB	.001	
18	21.16	994542	BB	.178	4,4'-DDD
19	21.85	1128884	BB	.190	4,4'-DDT
20	22.95	79498	BB	.018	ENDRIN ALDEH
21	24.39	3034983	BS	.714	METHOXYCHLOR
22	25.82	39907	BB	.007	ENDRIN KETON
23	29.20	1844009	BB	.137	DCB
24	31.35	11782	BB	.003	
25	35.12	3995	BB	.001	

Total Area: 14340664

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1359 22Jul1994



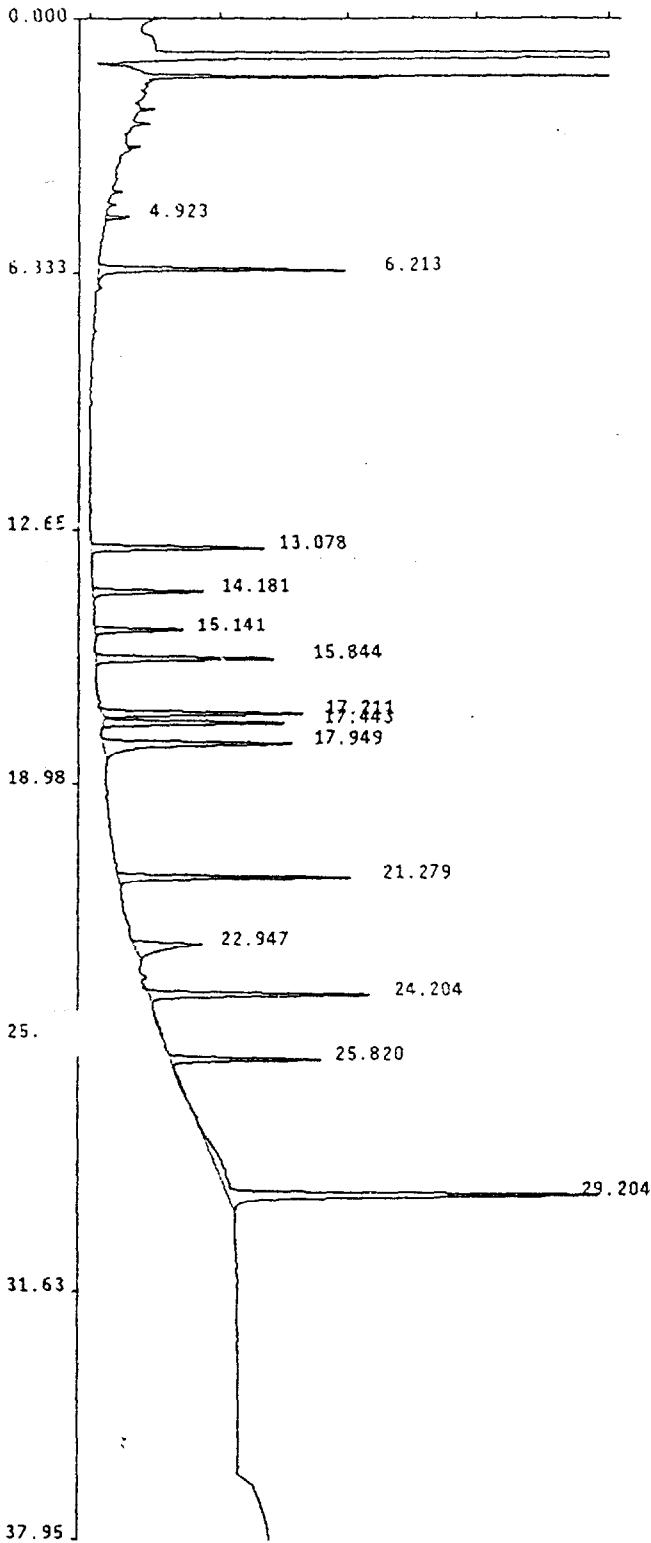
Sample Name : INDBLOA
 Lab Id : INDBLOA ,I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL011.RES
 Inject Time : 1928 21Jul1994
 Run Status : EndOffBaseline
 SignalOverload

PK #	RT	Area	Code	MASSng	Name
1	5.11	2874	88	.001	
2	7.38	51893	88	.005	TCX
3	12.30	28719	88	.005	BETA-BHC
4	13.88	28865	88	.005	DELTA-BHC
5	14.74	39461	88	.005	ALDRIN
6	17.25	40792	88	.005	H. EPOXIDE
7	17.97	48026	88	.005	G. CHLORDANE
8	18.68	46658	88	.005	A. CHLORDANE
9	19.90	71263	88	.009	4,4'-DDE
10	22.51	54228	88	.009	ENDOSULF. II
11	23.95	39557	88	.009	ENDRIN ALDEH
12	24.49	60627	88	.009	ENDO. SULFAT
13	27.76	52063	88	.009	ENDRIN KETON
14	33.71	100401	88	.010	DCB

Handwritten signature

Total Area: 665430

Method File: /DATA/METHOD/QM9P21JUL.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 2047 25Jul1994



Sample Name : INDBL1A
 Lab Id : INDBL1A ,I
 Inst Id & Col : A08_1, D81701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M8P21JUL011.RES
 Inject Time : 1928 21Jul1994
 Run Status : EndOffBaseline
 SignalOverload

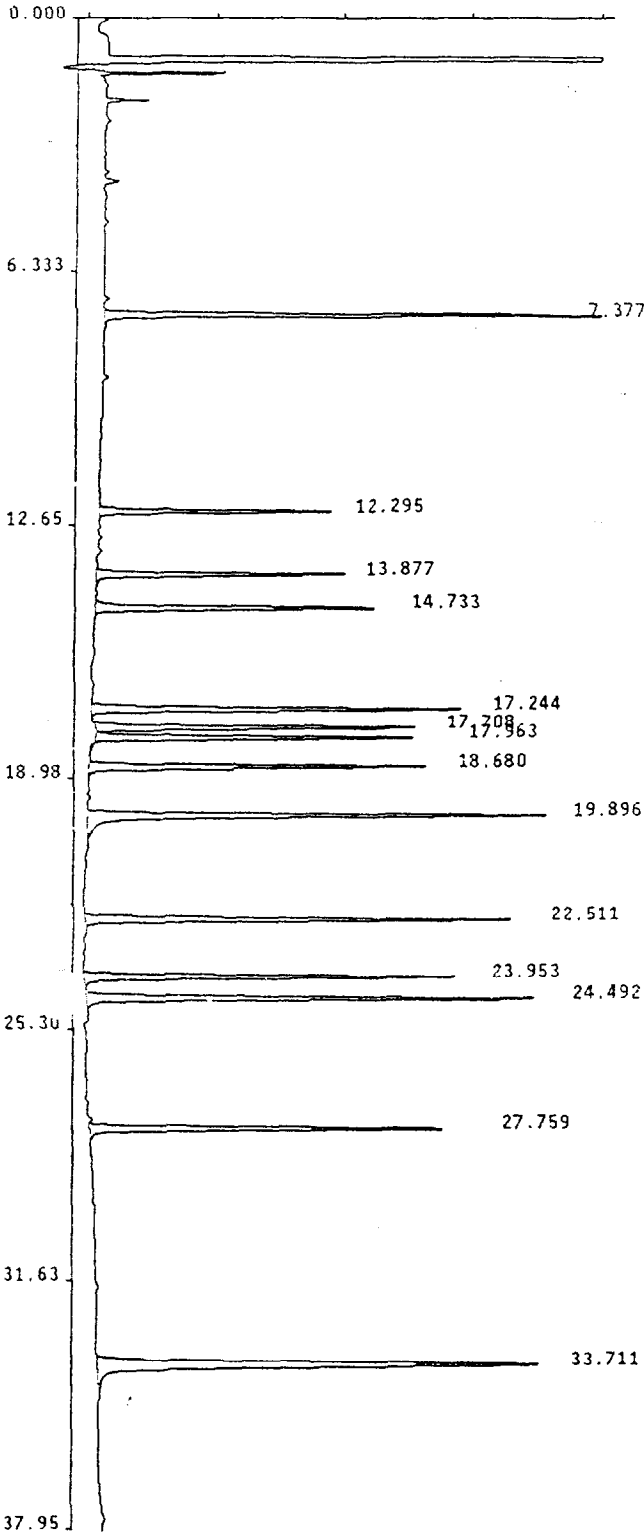
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.92	5108	P8	.001	
2	6.21	58295	BB	.005	TCX
3	13.08	46407	BB	.004	ALDRIN
4	14.18	29572	BB	.004	BETA-BHC
5	15.14	23902	BB	.004	DELTA-BHC
6	15.84	52991	BB	.004	H. EPOXIDE
7	17.21	54977	BB	.004	G. CHLORDANE
8	17.44	53538	BB	.004	A. CHLORDANE
9	17.95	75981	BB	.009	4,4'-DDE
10	21.28	68104	BB	.009	ENDOSULF. II
11	22.95	38502	BB	.009	ENDRIN ALDEH
12	24.20	66717	BB	.008	ENDO. SULFAT
13	25.82	39944	BB	.007	ENDRIN KETON
14	29.20	162194	BB	.012	OCB

J
7/21/94

Total Area: 776230

Method File: /DATA/METHOD/INDBAQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1355 22Jul1994



Sample Name : INDBLMOA
 Lab Id : INDBLMOA, I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /CEIMIC20/M9P21JUL013.RES
 Inject Time : 2057 21Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

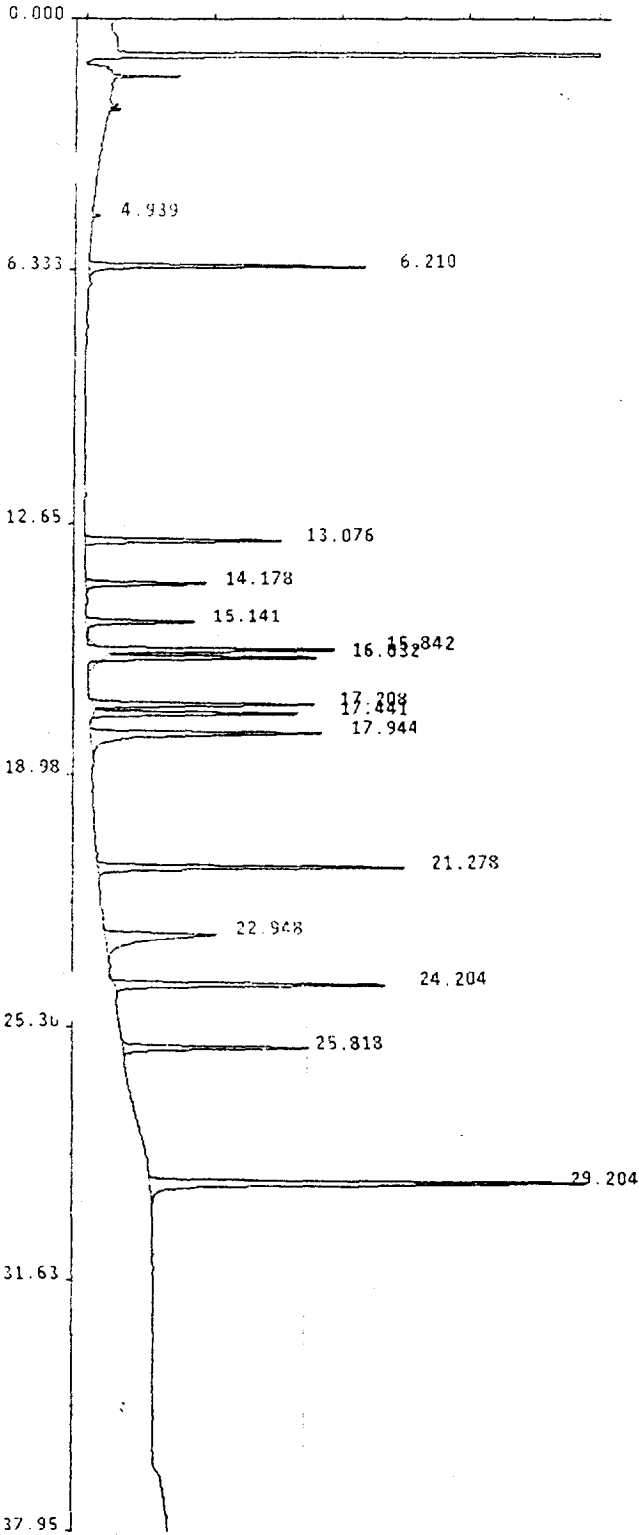
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	7.38	119833	BB	.011	TCX
2	12.29	62660	BB	.010	BETA-BHC
3	13.88	70217	BB	.011	DELTA-BHC
4	14.73	93025	BB	.011	ALDRIN
5	17.24	117170	BB	.013	H. EPOXIDE
6	17.71	98870	BB	.022	
7	17.96	102524	BB	.010	G. CHLORDANE
8	18.68	108725	BB	.011	A. CHLORDANE
9	19.90	161455	BB	.020	4,4'-DDE
10	22.51	136140	BB	.024	ENDOSULF.II
11	23.95	125619	BB	.029	ENDRIN ALDEH
12	24.49	146368	BB	.022	ENDO. SULFAT
13	27.76	122417	BB	.021	ENDRIN KETON
14	33.71	233125	BB	.024	DCB

SM 7/27/94

Total Area: 1698146

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1133 27Jul1994



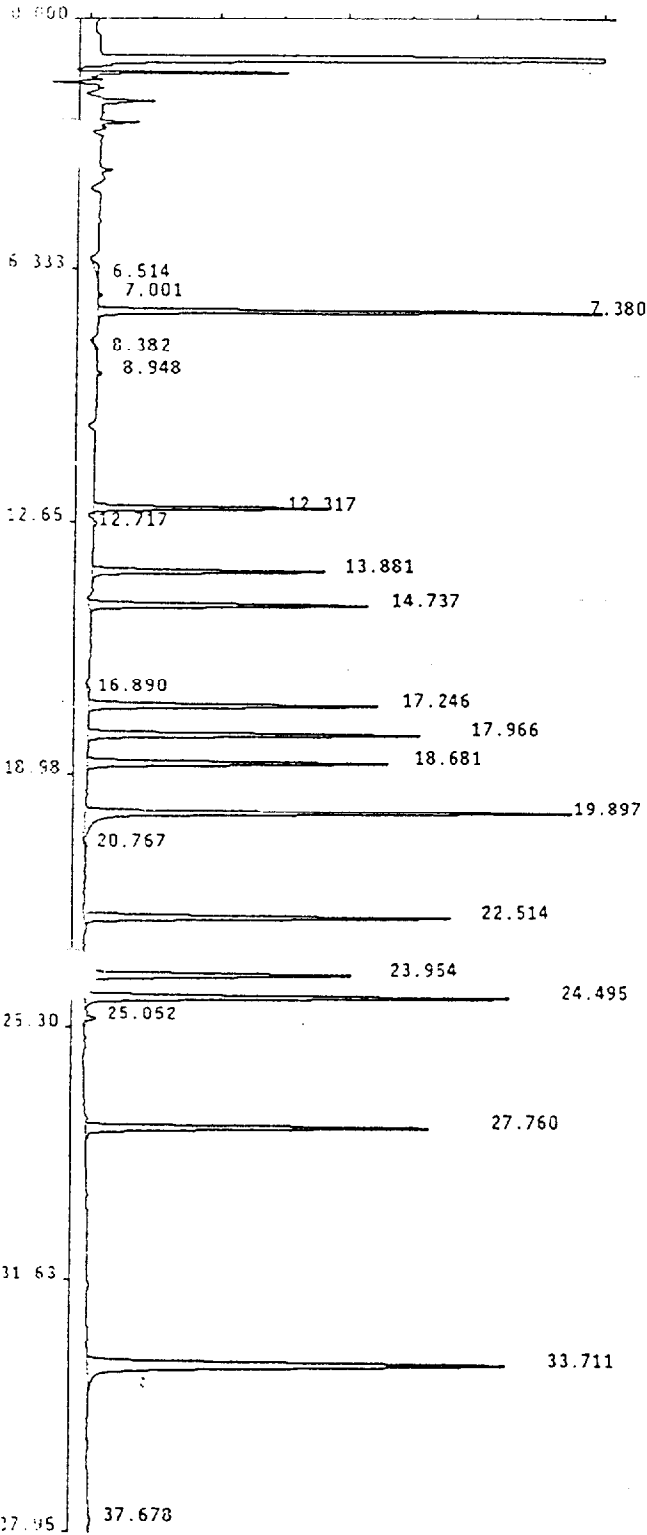
Sample Name : INDBLM1A
 Lab Id : INDBLM1A, I
 Inst Id & Col : A08_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /CEIMIC20/M8P21JUL013.RES
 Inject Time : 2057 21Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

PK #	RT	Area	Code	MASSng	Name
1	4.94	5216	VB	.001	
2	6.21	128088	BB	.011	TCX
3	13.08	107465	BB	.010	ALDRIN
4	14.18	67446	BB	.010	BETA-BHC
5	15.14	63612	BB	.011	DELTA-BHC
6	15.84	131741	BB	.011	H. EPOXIDE
7	16.03	104140	BB	.023	
8	17.21	122906	BB	.010	G. CHLORDANE
9	17.44	124881	BB	.010	A. CHLORDANE
10	17.94	184991	BB	.021	4,4'-DDE
11	21.28	179944	BB	.023	ENDOSULF. II
12	22.95	143370	BB	.033	ENDRIN ALDEH
13	24.20	165530	BB	.020	ENDO. SULFAT
14	25.82	109190	BB	.020	ENDRIN KETON
15	29.20	323561	BB	.024	DCB

*SM
7/21/94*

Total Area: 1960083

Method File: /DATA/METHOD/INDBAQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1053 27Jul1994



Sample Name : INDBMOA
 Lab Id : INDBMOA,I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL015.RES
 Inject Time : 2226 21Jul1994
 Run Status : RunStatusOK
 SpecialInteg

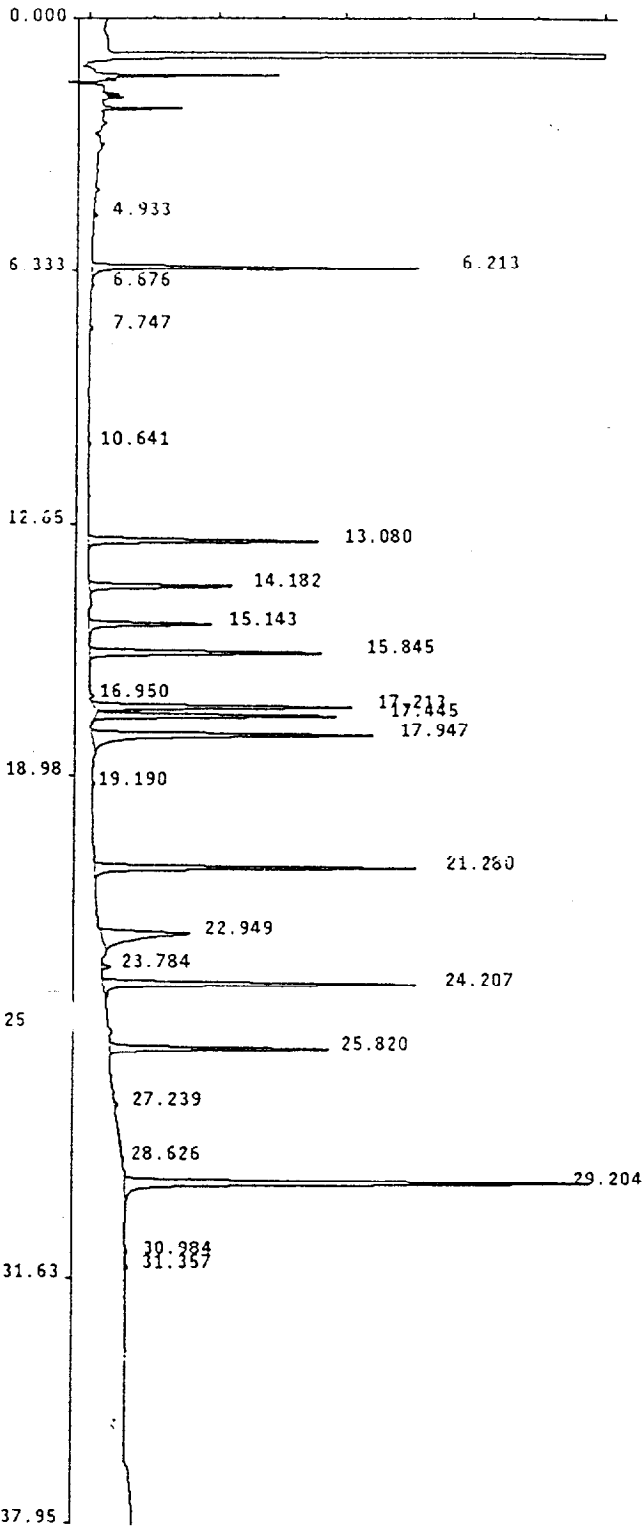
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	6.51	9121	BB	.002	
2	7.00	2326	BB	.001	
3	7.38	229381	BB	.022	TCX
4	8.38	3741	BB	.001	
5	8.95	2732	BB	.001	
6	12.32	119452	FF	.020	BETA-BHC
7	12.72	2525	FF	.001	
8	13.88	127515	BB	.020	DELTA-BHC
9	14.74	172432	BB	.020	ALDRIN
10	16.89	3376	BB	.001	
11	17.25	179264	BB	.020	H. EPOXIDE
12	17.97	211920	BB	.020	G. CHLORDANE
13	18.68	191355	BB	.020	A. CHLORDANE
14	19.90	322140	BB	.040	4,4'-DDE
15	20.77	2808	BB	.001	
16	22.51	228844	BB	.040	ENDOSULF.II
17	23.95	176080	BB	.040	ENDRIN ALDEH
18	24.49	272207	BB	.040	ENDO. SULFAT
19	25.05	5723	BB	.001	
20	27.76	227793	BB	.040	ENDRIN KETON
21	33.71	425414	BB	.043	DCB
22	37.68	2887	BB	.001	

Total Area: 2919036

Method File: /DATA/METHOD/QM9P21JUL.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1705 25Jul1994

Handwritten signature



Sample Name : INDBM1A
 Lab Id : INDBM1A ,I
 Inst Id & Col : A08_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M8P21JUL015.RES
 Inject Time : 2226 21Jul1994
 Run Status : EndOffBaseline
 SignalOverload

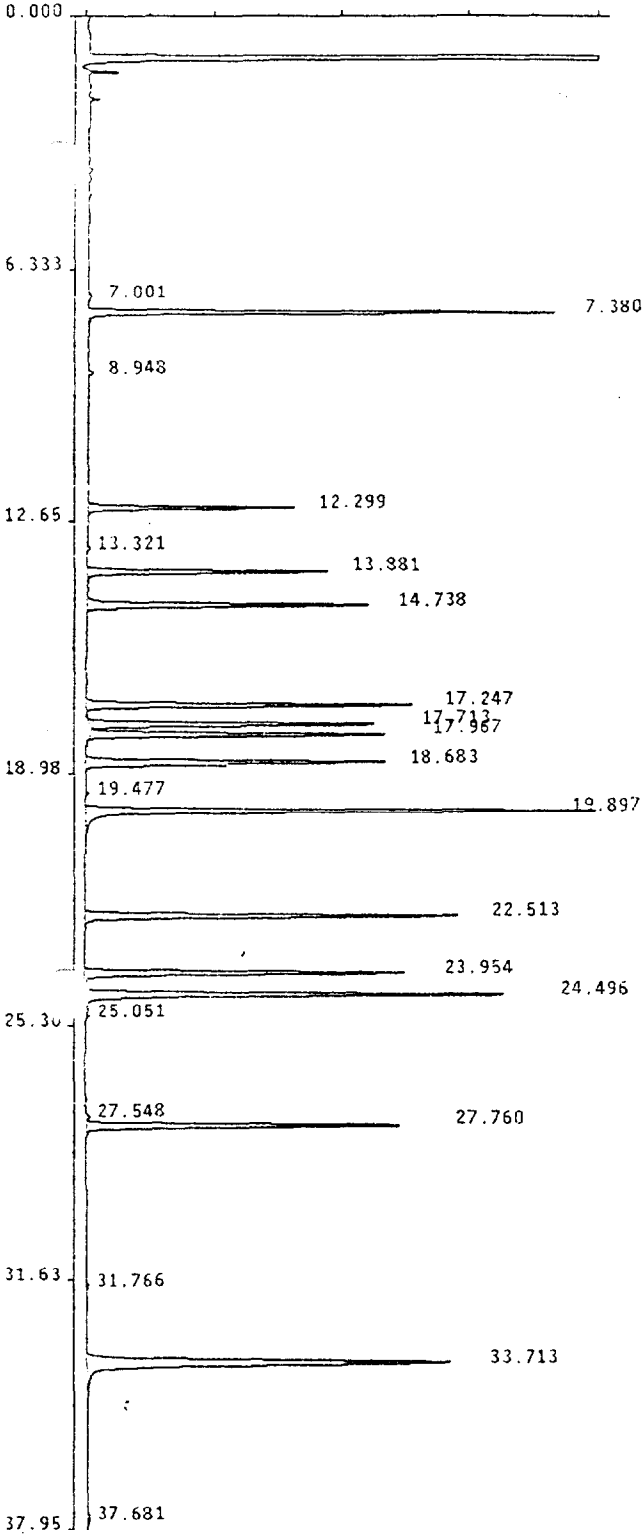
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.93	2931	PB	.001	
2	6.21	246922	BB	.021	TCX
3	6.68	2254	BB	.000	
4	7.75	2661	BB	.001	
5	10.64	2082	BB	.000	
6	13.08	206761	BB	.020	ALDRIN
7	14.18	131734	BB	.020	BETA-BHC
8	15.14	115897	BB	.020	DELTA-BHC
9	15.85	237953	BB	.020	H. EPOXIDE
10	16.95	4227	BB	.000	ENDOSULF. I
11	17.21	246528	BB	.020	G. CHLORDANE
12	17.44	240482	BB	.020	A. CHLORDANE
13	17.95	351281	BB	.040	4,4'-DDE
14	19.19	2446	BB	.001	
15	21.28	318530	BB	.040	ENDOSULF. II
16	22.95	173768	BB	.040	ENDRIN ALDEH
17	23.78	8215	BB	.002	
18	24.21	331453	BB	.040	ENDO. SULFAT
19	25.82	214891	BB	.040	ENDRIN KETON
20	27.24	3599	BB	.001	
21	28.63	6242	BB	.001	
22	29.20	589142	BB	.044	DCB
23	30.98	3132	BB	.001	
24	31.36	3496	BB	.001	

J 7/25/94

Total Area: 3446630

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1357 22Jul1994



Ceimic Corporation Pest/PCB Report

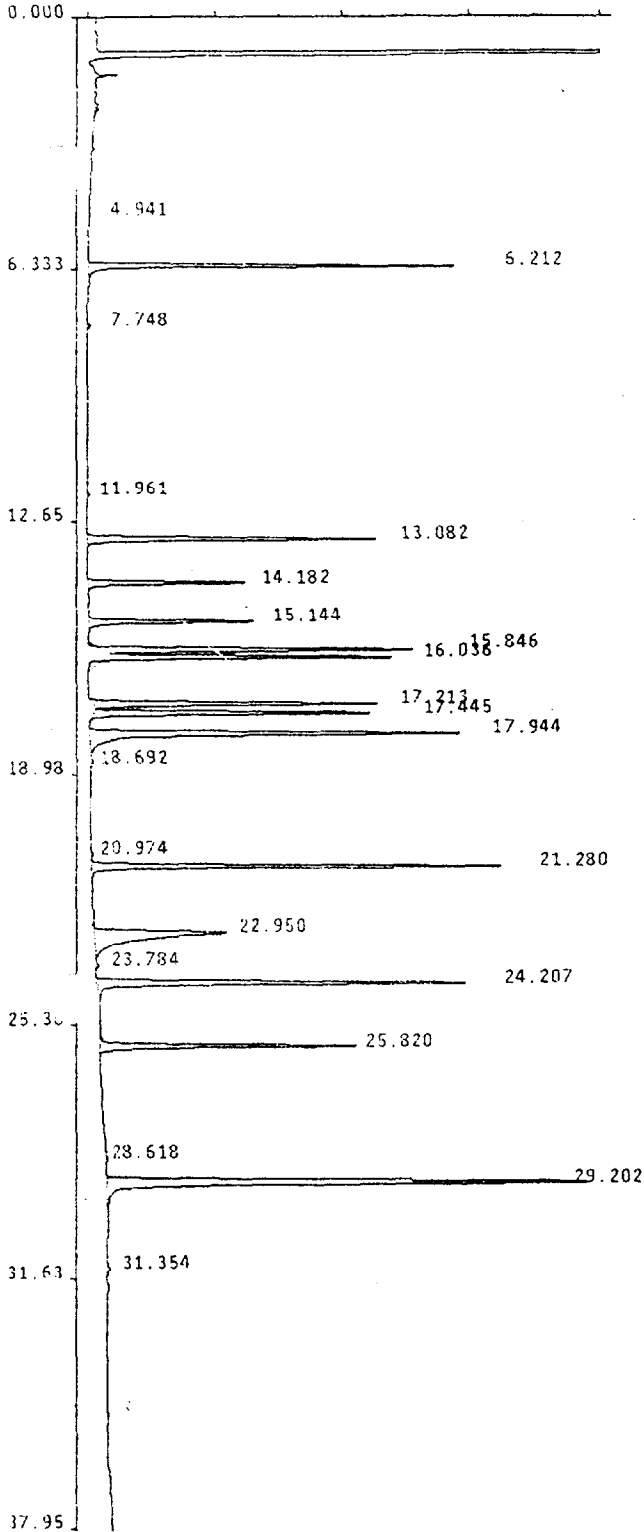
Sample Name : INDBMHOA
 Lab Id : INDBMHOA, I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /CEIMIC20/M9P21JUL017.RES
 Inject Time : 2354 21Jul1994
 Run Status : RunStatusOK

PK #	RT	Area	Code	MASSng	Name
1	7.00	3412	BB	.001	
2	7.38	484424	BB	.046	TCX
3	8.95	5474	BB	.001	
4	12.30	241630	BB	.040	BETA-BHC
5	13.32	4681	BB	.000	HEPTACHLOR
6	13.88	292887	BB	.046	DELTA-BHC
7	14.74	391599	BB	.045	ALDRIN
8	17.25	454992	BB	.051	H. EPOXIDE
9	17.71	396992	BB	.087	
10	17.97	410332	BB	.039	G. CHLORDANE
11	18.68	431569	BB	.045	A. CHLORDANE
12	19.48	3029	BB	.001	
13	19.90	704152	BB	.087	4,4'-DDE
14	22.51	533407	BB	.093	ENDOSULF.II
15	23.95	473444	BB	.108	ENDRIN ALDEH
16	24.50	598224	BB	.088	ENDO. SULFAT
17	25.05	2952	BB	.001	
18	27.55	2163	BB	.000	
19	27.76	470514	BB	.083	ENDRIN KETON
20	31.77	3245	BB	.001	
21	33.71	850322	BB	.087	DCB
22	37.68	5164	BB	.001	

SM
7/27/94

Total Area: 6764609

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1135 27Jul1994



Ceimic Corporation Pest/PCB Report

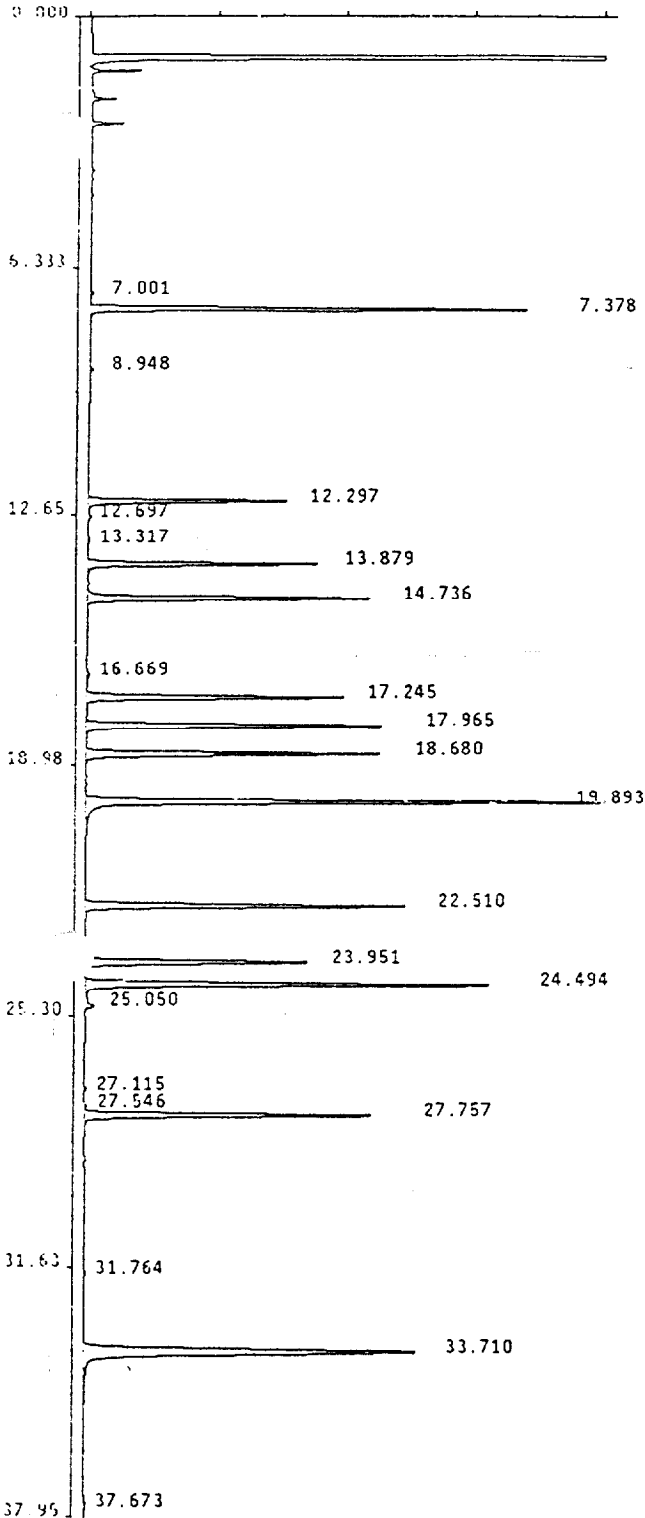
Sample Name : INDBMH1A
 Lab Id : INDBMH1A, I
 Inst Id & Col : AD8_1, D81701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /CEIMIC20/M8P21JUL017.RES
 Inject Time : 2354 21Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

SM
7/27/94

PK #	RT	Area	Code	MASSng	Name
1	4.94	2663	VB	.001	
2	6.21	520367	BB	.045	TCX
3	7.75	5249	BB	.001	
4	11.96	4821	BB	.000	HEPTACHLOR
5	13.08	469708	BB	.045	ALDRIN
6	14.18	273873	BB	.042	BETA-BHC
7	15.14	278356	BB	.048	DELTA-BHC
8	15.85	551789	BB	.046	H. EPOXIDE
9	16.04	449174	BB	.099	
10	17.21	512798	BB	.042	G. CHLORDANE
11	17.45	519115	BB	.043	A. CHLORDANE
12	17.94	814634	BB	.093	4,4'-DDE
13	18.69	3828	BB	.001	
14	20.97	2059	BB	.000	
15	21.28	753274	BB	.095	ENDOSULF. II
16	22.95	559475	BB	.129	ENDRIN ALDEH
17	23.78	5126	BB	.001	
18	24.21	726070	BB	.088	ENDO. SULFAT
19	25.82	494011	BB	.092	ENDRIN KETON
20	28.62	6699	BB	.001	
21	29.20	1166846	BB	.087	DCB
22	31.35	6962	BB	.002	

Total Area: 8126897

Method File: /DATA/METHOD/INDAB08.MTH
 Format File: /DATA/FORMAT/DIAL_COL.FMT
 Report Time: 1100 27Jul1994



Sample Name : INDBHOA
 Lab Id : INDBHOA .I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL019.RES
 Inject Time : 0123 22Jul1994
 Run Status : RunStatusOK

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	7.00	6717	BB	.001	
2	7.38	835415	BB	.080	TCX
3	8.95	9394	BB	.002	
4	12.30	425400	BB	.071	BETA-BHC
5	12.70	5861	BB	.001	
6	13.32	4109	BB	.000	HEPTACHLOR
7	13.88	497734	BB	.078	DELTA-BHC
8	14.74	706215	BB	.082	ALDRIN
9	16.67	12783	BB	.003	
10	17.24	645926	BB	.072	H. EPOXIDE
11	17.96	772211	BB	.073	G. CHLORDANE
12	18.68	761429	BB	.080	A. CHLORDANE
13	19.89	1291888	BB	.160	4,4'-DDE
14	22.51	813292	BB	.142	ENDOSULF. II
15	23.95	595946	BB	.135	ENDRIN ALDEH
16	24.49	1028842	BB	.151	ENDO. SULFAT
17	25.05	18323	BB	.004	
18	27.12	4288	BB	.001	
19	27.55	4048	BB	.001	
20	27.76	783556	BB	.138	ENDRIN KETON
21	31.76	5366	BB	.001	
22	33.71	1402970	BB	.143	DCB
23	37.67	9098	BB	.002	

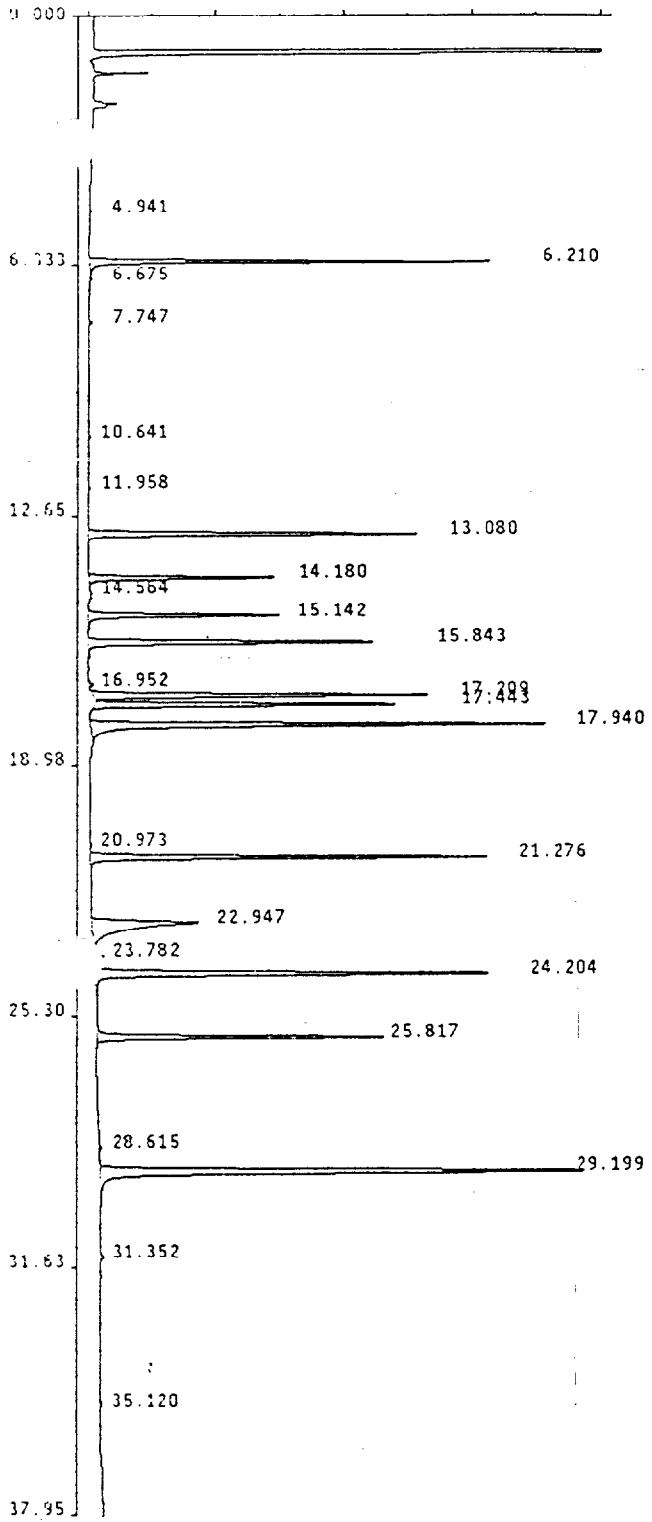
J. Smith
 7/21/94

Total Area: 10640812

Method File: /DATA/METHOD/QM9P21JUL.MTH

Format File: /DATA/FORMAT/DUAL_COL.FMT

Report Time: 2049 25Jul1994



Sample Name : INDBH1A
 Lab Id : INDBH1A ,I
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M8P21JUL019.RES
 Inject Time : 0123 22Jul1994
 Run Status : EndOffBaseline
 SignalOverload

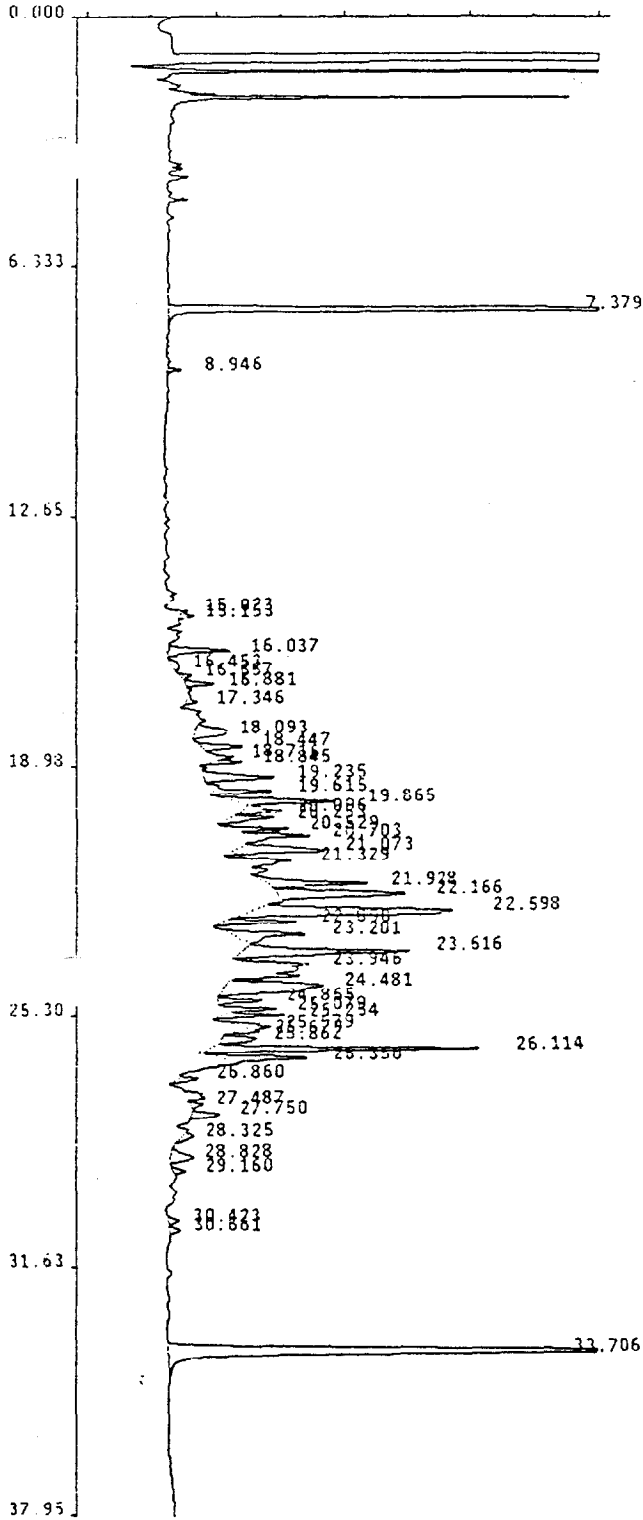
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.94	2330	VB	.001	
2	6.21	899792	BB	.078	TCX
3	6.68	3586	BB	.001	
4	7.75	8986	BB	.002	
5	10.64	7042	BB	.002	
6	11.96	3174	BB	.000	HEPTACHLOR
7	13.08	850561	BB	.082	ALDRIN
8	14.18	495138	BB	.075	BETA-BHC
9	14.56	3464	BB	.001	
10	15.14	495041	BB	.085	DELTA-BHC
11	15.84	880128	BB	.074	H. EPOXIDE
12	16.95	13300	BB	.001	ENDOSULF. I
13	17.21	932246	BB	.076	G. CHLORDANE
14	17.44	907710	BB	.075	A. CHLORDANE
15	17.94	1486093	BB	.169	4,4'-DDE
16	20.97	4031	BB	.001	
17	21.28	1174834	BB	.148	ENDOSULF. II
18	22.95	705359	BB	.162	ENDRIN ALDEH
19	23.78	29725	BB	.007	
20	24.20	1247386	BB	.151	ENDO. SULFAT
21	25.82	847804	BB	.158	ENDRIN KETON
22	28.62	7669	BB	.002	
23	29.20	1877065	BB	.140	DCB
24	31.35	12153	BB	.003	
25	35.12	3409	BB	.001	

J
 7/25/94

Total Area: 12898028

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1400 22Jul1994



Sample Name : TOXAPH0A
 Lab Id : TOXAPH0A ,I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL009.RES
 Inject Time : 1800 21Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	7.38	230423	BB	.020	TCX
2	8.95	2613	BB	.000	
3	15.02	2582	BB	.000	
4	15.15	2550	BB	.000	
5	16.04	17148	BB	.500	TOXAPHENE
6	16.45	3854	BB	.000	
7	16.66	2346	BB	.000	
8	16.88	6490	BB	.001	
9	17.35	2360	BB	.000	
10	18.09	15733	BB	.001	
11	18.45	11711	BB	.001	
12	18.72	3198	BB	.000	
13	18.84	5164	BB	.000	
14	19.23	24188	BB	.002	
15	19.61	12519	BB	.001	
16	19.87	29884	BB	.003	
17	20.10	9183	BB	.001	
18	20.25	11551	BB	.001	
19	20.53	11523	BB	.001	
20	20.70	11853	BB	.001	
21	21.07	31755	BB	.003	
22	21.33	7649	BB	.001	
23	21.93	30080	BB	.500	TOXAPHENE-2
24	22.17	48388	BB	.004	
25	22.60	85404	BB	.500	TOXAPHENE-3
26	22.89	16163	BB	.001	
27	23.20	26434	BB	.002	
28	23.62	56756	BB	.500	TOXAPHENE-4
29	23.95	6591	BB	.001	
30	24.48	55619	BB	.005	
31	24.87	9645	BB	.001	
32	25.08	11118	BB	.001	
33	25.25	14039	BB	.001	
34	25.58	9974	BB	.001	
35	25.68	2520	BB	.000	
36	25.86	11356	BB	.001	
37	26.11	60977	BB	.500	TOXAPHENE-5
38	26.35	22432	BB	.002	
39	26.86	3758	BB	.000	
40	27.49	3285	BB	.000	
41	27.75	8960	BB	.001	

Handwritten signature
 7/25/11

Sample Name : TOXAPH0A
 Lab Id : TOXAPH0A .I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/M9P21JUL009.RES
 Inject Time : 1800 21Jul1994
 Run Status : RunStatusOK

EndOffBaseline

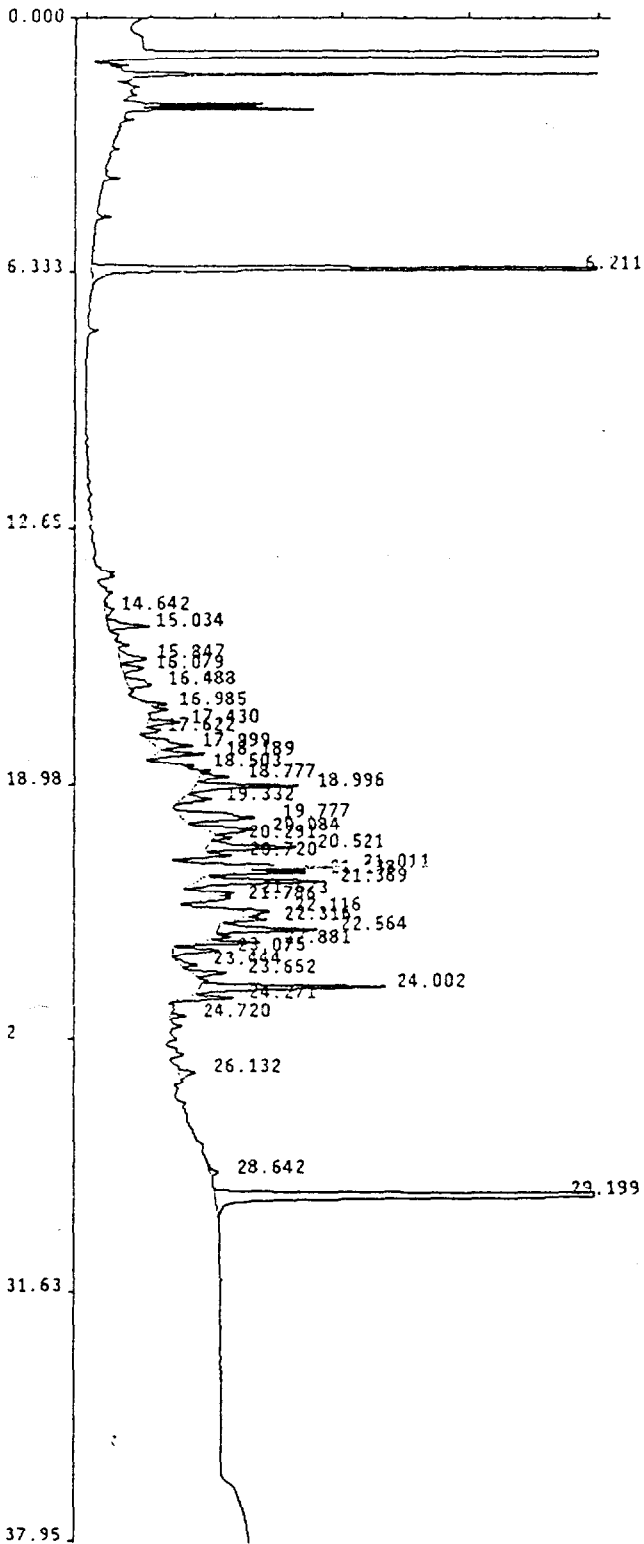
Pk #	RT	Area	Code	MASSng	Name
42	28.33	4102	BB	.000	
43	28.83	10172	BB	.001	
44	29.16	3772	BB	.000	
45	30.42	2693	BB	.000	
46	30.66	3196	BB	.000	
47	33.71	200682	BB	.020	DCB

[Handwritten signature]
7/25/94

 Total Area: 1164396

Method File: /DATA/METHOD/TOXAPH_9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1331 22Jul1994

Sample Name : TOXAPH1A
 Lab Id : TOXAPH1A ,I
 Inst Id & Col : A08_1. 081701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/H8P21JUL009.RES
 Inject Time : 1800 21Jul1994
 Run Status : EndOffBaseline
 SignalOverload

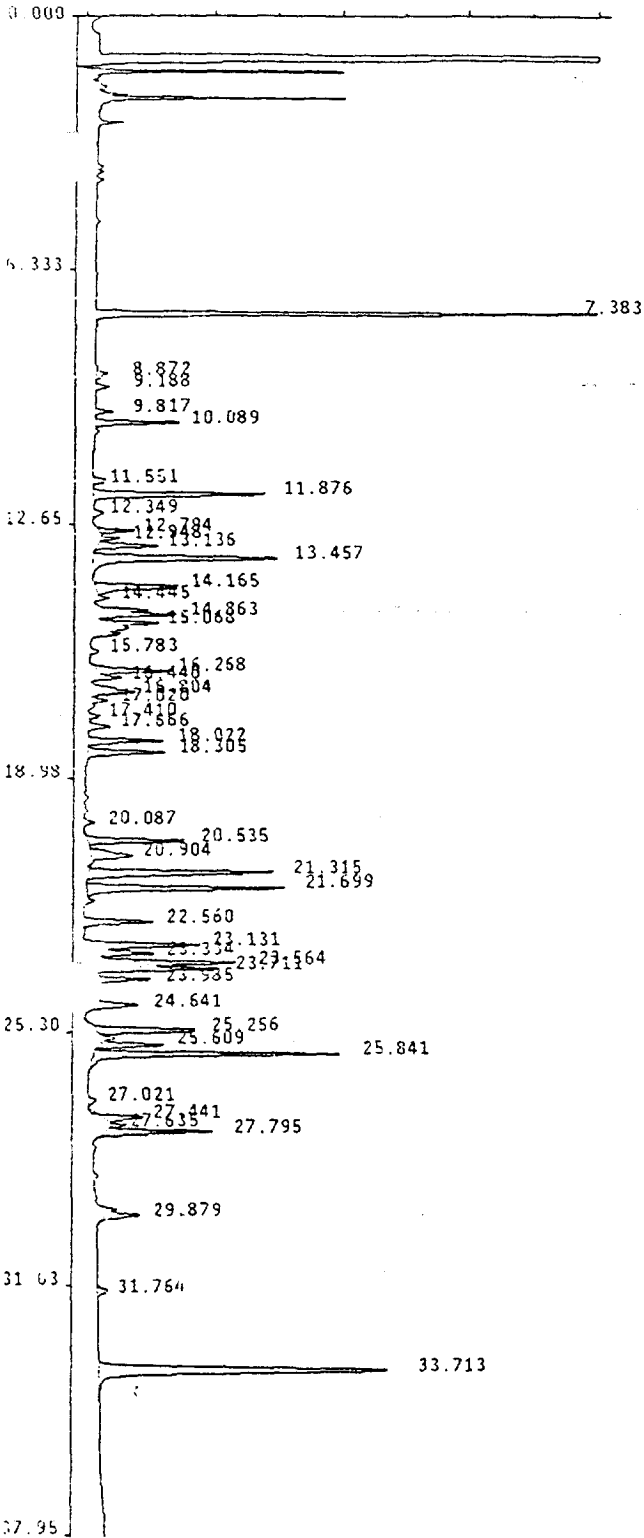


Pk #	RT	Area	Code	MASSng	Name
1	6.21	251063	BB	.020	TCX
2	14.64	4484	BB	.000	
3	15.03	16550	BB	.500	TOXAPHENE
4	15.85	12987	BB	.001	
5	16.08	9431	BB	.001	
6	16.49	14142	BB	.001	
7	16.99	5250	BB	.000	
8	17.43	10562	BB	.001	
9	17.62	5056	BB	.000	
10	18.00	20822	BB	.002	
11	18.19	17337	BB	.001	
12	18.50	4922	BB	.000	
13	18.78	9146	BB	.001	
14	19.00	34037	BB	.500	TOXAPHENE-2
15	19.33	11220	BB	.001	
16	19.78	44892	BB	.004	
17	20.08	24249	BB	.002	
18	20.29	4777	BB	.000	
19	20.52	33146	BB	.500	TOXAPHENE-3
20	20.72	11893	BB	.001	
21	21.01	34008	BB	.003	
22	21.14	16172	BB	.001	
23	21.37	46629	BB	.004	
24	21.67	7403	BB	.001	
25	21.79	7840	BB	.001	
26	22.12	10466	BB	.001	
27	22.32	8024	BB	.001	
28	22.56	36015	BB	.500	TOXAPHENE-4
29	22.88	15223	BB	.001	
30	23.07	16961	BB	.001	
31	23.44	6829	BB	.001	
32	23.65	12407	BB	.001	
33	24.00	65096	BB	.500	TOXAPHENE-5
34	24.27	14177	BB	.001	
35	24.72	4346	BB	.000	
36	26.13	6917	BB	.001	
37	28.64	4835	BB	.000	
38	29.20	281420	BB	.020	DCB

JC
7/25/94

Total Area: 1140733

Method File: /DATA/METHOD/TOXAPH_8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1352 22Jul1994



Sample Name : AR16600A
 Lab Id : AR16600A .I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL003.RES
 Inject Time : 1334 21Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	7.38	151962	BB	.020	TCX
2	8.87	4802	BB	.000	
3	9.19	5034	BB	.000	
4	9.82	6517	BB	.001	
5	10.09	30841	BB	.100	ARO-1016
6	11.55	4881	BB	.000	
7	11.88	70850	BB	.100	ARO-1016-2
8	12.35	4827	BB	.000	
9	12.79	11908	BB	.001	
10	12.95	5118	BB	.000	
11	13.14	23686	BB	.002	
12	13.46	109214	BB	.100	ARO-1016-3
13	14.16	36080	BB	.100	ARO-1016-4
14	14.44	4220	BB	.000	
15	14.86	19117	BB	.002	
16	15.07	13606	BB	.001	
17	15.78	4087	BB	.000	
18	16.27	31423	BB	.100	ARO-1016-5
19	16.44	7625	BB	.001	
20	16.80	8966	BB	.001	
21	17.02	5017	BB	.000	
22	17.41	4199	BB	.000	
23	17.67	9750	BB	.001	
24	18.02	30298	BB	.003	
25	18.30	32175	BB	.003	
26	20.09	4307	BB	.000	
27	20.54	41640	BB	.004	
28	20.90	26902	BB	.002	
29	21.31	83835	BB	.100	ARO-1260
30	21.70	88233	BB	.100	ARO-1260-2
31	22.56	29760	BB	.003	
32	23.13	42250	BB	.004	
33	23.33	17528	BB	.002	
34	23.56	38092	BB	.003	
35	23.71	26942	BB	.002	
36	23.98	24670	BB	.002	
37	24.64	30913	BB	.003	
38	25.26	40100	BB	.100	ARO-1260-3
39	25.61	23718	BB	.002	
40	25.84	113618	BB	.100	ARO-1260-4
41	27.02	4151	BB	.000	

J
7/25/94

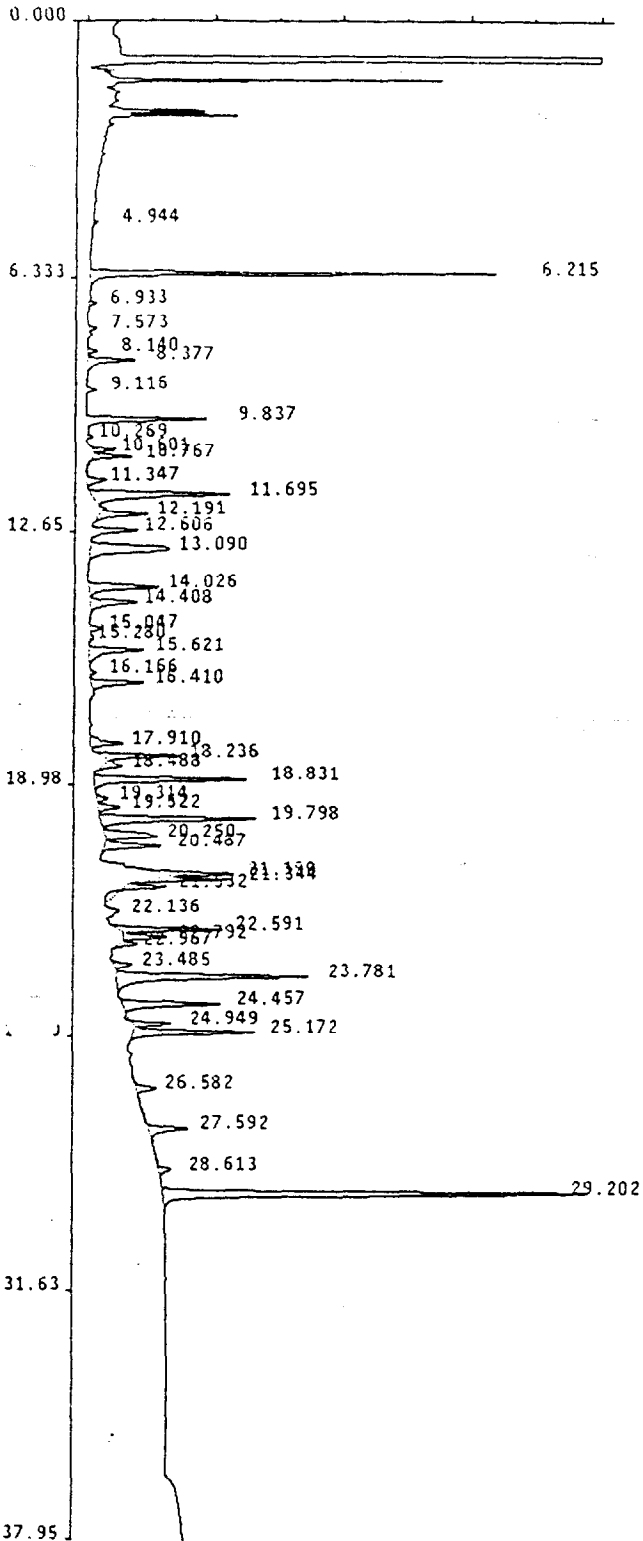
Sample Name : AR16600A
Lab Id : AR16600A .1
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL003.RES
Inject Time : 1334 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
42	27.44	15018	BB	.001	
43	27.64	4316	BB	.000	
44	27.80	40407	BB	.100	ARO-1260-5
45	29.88	13656	BB	.001	
46	31.76	5757	BB	.001	
47	33.71	190305	BB	.020	DCB

J
7/25/94

Total Area: 1542318

Method File: /DATA/METHOD/AR1660_9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1323 22Jul1994



Sample Name : AR16601A
 Lab Id : AR16601A ,I
 Inst Id & Col : AD8_1, D81701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M8P21JUL003.RES
 Inject Time : 1334 21Jul1994
 Run Status : EndOffBaseline
 Multilevel : False
 Application : Loop
 Quantitation: AreaUnits
 SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.94	2450	BB	.001	
2	6.21	169594	BB	.020	TCX
3	6.93	3279	BB	.001	
4	7.57	3717	BB	.001	
5	8.14	5011	BB	.002	
6	8.38	32821	BB	.100	ARO-1016
7	9.12	4584	BB	.002	
8	9.84	67250	BB	.100	ARO-1016-2
9	10.27	2483	BB	.001	
10	10.60	10327	BB	.004	
11	10.77	16086	BB	.006	
12	11.35	13026	BB	.005	
13	11.69	101245	BB	.100	ARO-1016-3
14	12.19	30860	BB	.012	
15	12.61	29149	BB	.011	
16	13.09	89819	BB	.100	ARO-1016-4
17	14.03	51372	BB	.100	ARO-1016-5
18	14.41	37185	BB	.014	
19	15.05	6863	BB	.003	
20	15.28	2680	BB	.001	
21	15.62	41051	BB	.016	
22	16.17	3406	BB	.001	
23	16.41	33061	BB	.013	
24	17.91	22301	BB	.008	
25	18.24	41999	BB	.016	
26	18.49	11175	BB	.004	
27	18.83	96262	BB	.100	ARO-1260
28	19.31	6422	BB	.002	
29	19.52	12113	BB	.005	
30	19.80	105886	BB	.100	ARO-1260-2
31	20.25	47095	BB	.018	
32	20.49	36422	BB	.014	
33	21.19	42691	BB	.016	
34	21.34	35533	BB	.014	
35	21.53	7200	BB	.003	
36	22.14	3718	BB	.001	
37	22.59	57576	BB	.100	ARO-1260-3
38	22.79	21248	BB	.008	
39	22.97	7857	BB	.003	
40	23.48	11210	BB	.004	
41	23.78	144304	BB	.100	ARO-1260-4

Handwritten signature/initials

Sample Name : AR16601A
Lab Id : AR16601A ,I
Inst Id & Col : A08_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/MBP21JUL003.RES
Inject Time : 1334 21Jul1994
Run Status : EndOffBaseline

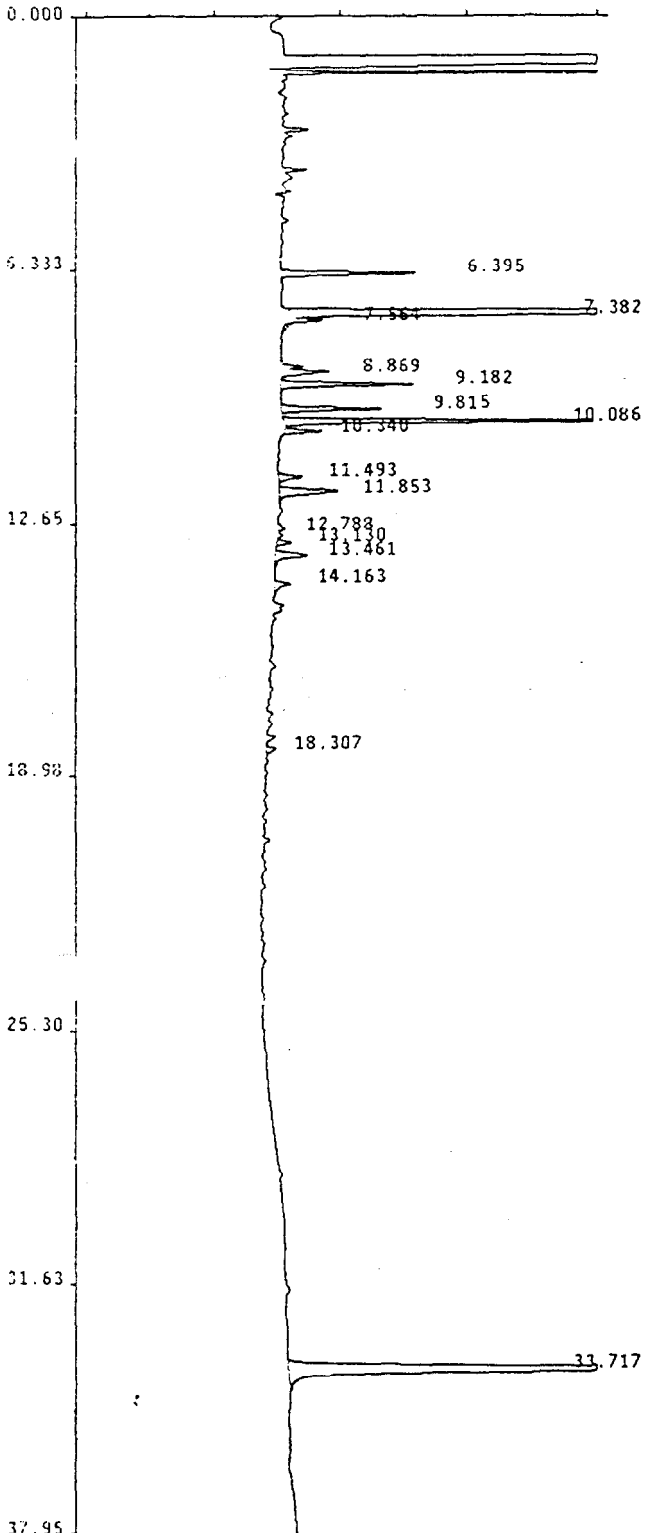
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
42	24.46	68290	88	.026	
43	24.95	16221	88	.006	
44	25.17	84412	88	.100	ARO-1260-5
45	26.58	12133	88	.005	
46	27.59	23377	88	.009	
47	28.61	9182	88	.003	
48	29.20	277183	88	.020	DCB

[Handwritten signature]
7/25/94

Total Area: 1959131

Method File: /DATA/METHOD/AR1660_8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1342 22Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : AR12210A
 Lab Id : AR12210A .I
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL004.RES
 Inject Time : 1418 21Jul1994
 Run Status : EndOffBaseline
 SignalOverload

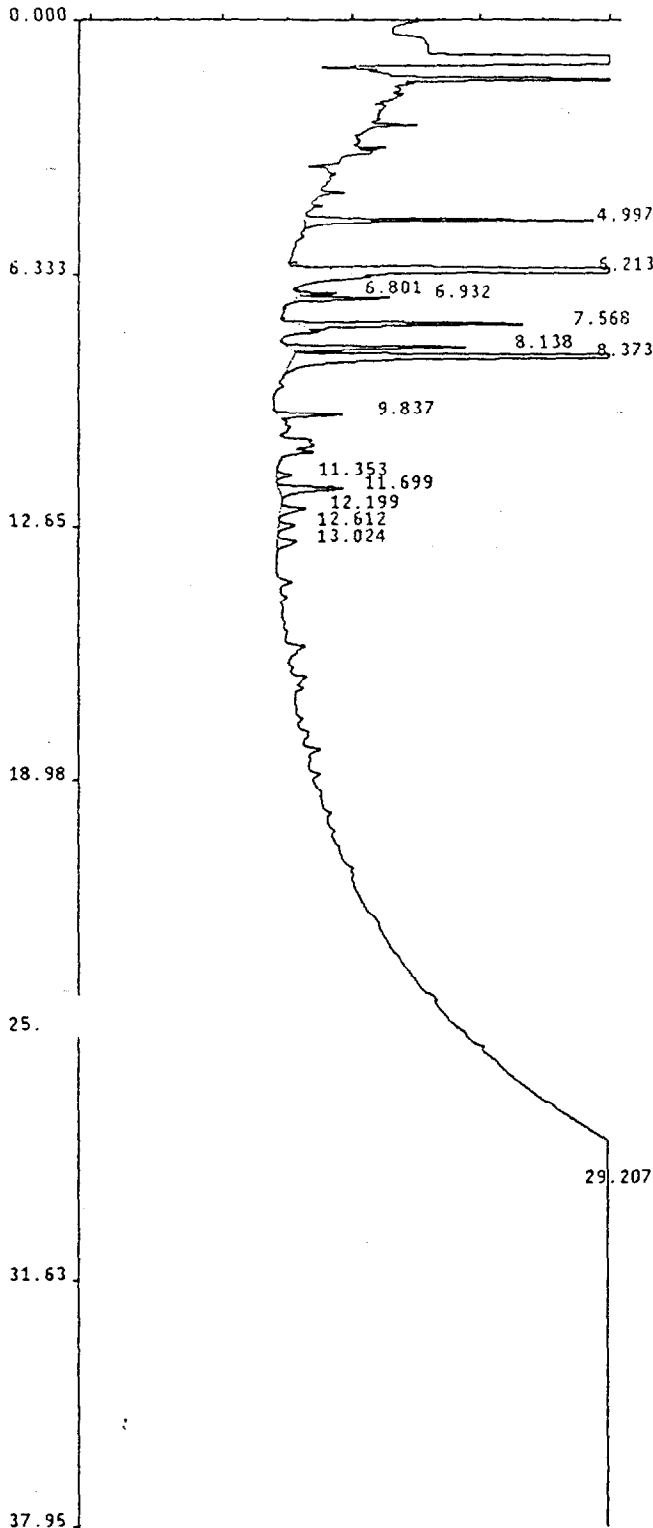
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	6.39	26494	BB	.002	
2	7.38	231970	BB	.020	TCX
3	7.56	2302	BB	.000	
4	8.87	9855	BB	.001	
5	9.18	30360	BB	.200	ARO-1221
6	9.81	22282	BB	.200	ARO-1221-2
7	10.09	69791	BB	.200	ARO-1221-3
8	10.34	6800	BB	.001	
9	11.49	6245	BB	.001	
10	11.85	20442	BB	.200	ARO-1221-4
11	12.79	2029	BB	.000	
12	13.13	3624	BB	.000	
13	13.46	11425	BB	.200	ARO-1221-5
14	14.16	4763	BB	.000	
15	18.31	2852	BB	.000	
16	33.72	183619	BB	.020	DCB

J. J. [Signature]
 7/25/94

Total Area: 634852

Method File: /DATA/METHOD/AR1221_9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1324 22Jul1994



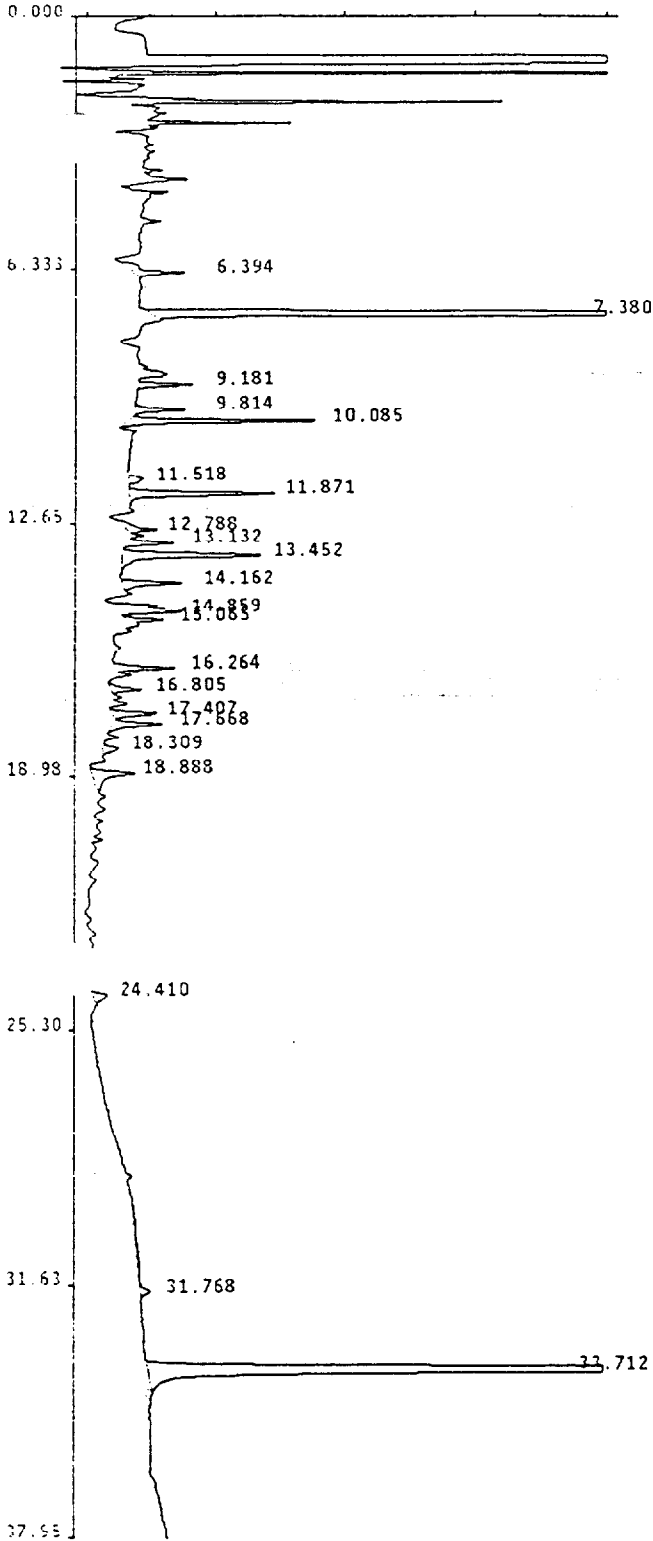
Sample Name : AR12211A
 Lab Id : AR12211A ,I
 Inst Id & Col : AD8_1, 081701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M8P21JUL004.RES
 Inject Time : 1418 21Jul1994
 Run Status : EndOffBaseline
 Multilevel : False
 Application : Loop
 Quantitation: AreaUnits
 SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	5.00	27126	PB	-.005	
2	6.21	246699	BB	.020	TCX
3	6.80	2661	BB	.000	
4	6.93	7647	BB	.001	
5	7.57	24093	BB	.200	ARO-1221
6	8.14	18857	BB	.200	ARO-1221-2
7	8.37	80176	BB	.200	ARO-1221-3
8	9.84	6985	BB	.200	ARO-1221-4
9	11.35	2178	BB	.000	
10	11.70	10133	BB	.200	ARO-1221-5
11	12.20	4018	BB	.001	
12	12.61	2475	BB	.000	
13	13.02	3650	BB	.001	
14	29.21	265308	BB	.020	DCB

[Handwritten signature]
7/25/94

Total Area: 702006

Method File: /DATA/METHOD/AR1221_8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1345 22Jul1994



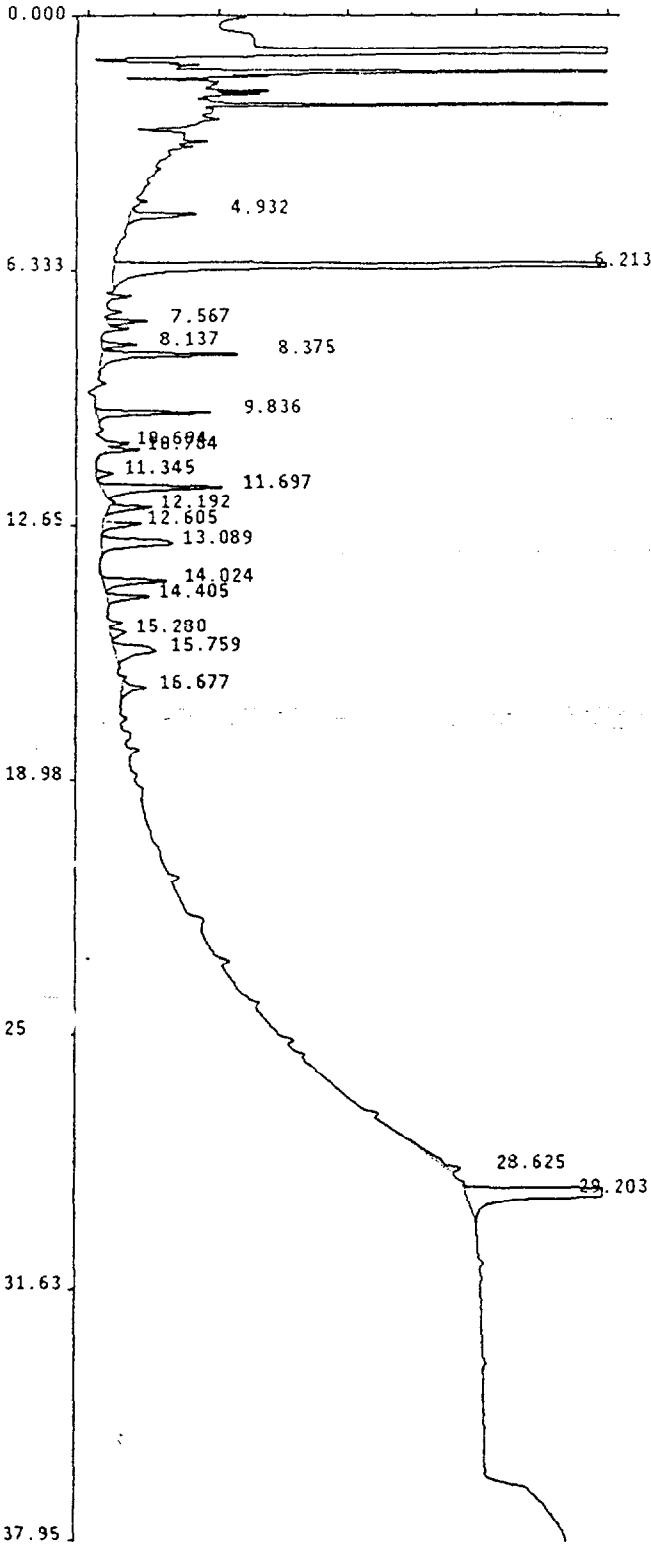
Sample Name : AR12320A
 Lab Id : AR12320A .I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/H9P21JUL005.RES
 Inject Time : 1502 21Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

PK #	RT	Area	Code	MASSng	Name
1	6.39	7296	BB	.001	
2	7.38	197129	BB	.020	TCX
3	9.18	5057	BB	.001	
4	9.81	4953	BB	.100	ARO-1232
5	10.09	19341	BB	.100	ARO-1232-2
6	11.52	2068	BB	.000	
7	11.87	16695	BB	.100	ARO-1232-3
8	12.79	4879	BB	.001	
9	13.13	4862	BB	.001	
10	13.45	22353	BB	.100	ARO-1232-4
11	14.16	7052	BB	.001	
12	14.86	3783	BB	.000	
13	15.07	2598	BB	.000	
14	16.26	6523	BB	.100	ARO-1232-5
15	16.81	3387	BB	.000	
16	17.41	4846	BB	.001	
17	17.67	6212	BB	.001	
18	18.31	2265	BB	.000	
19	18.89	8552	BB	.001	
20	24.41	2619	BB	.000	
21	31.77	4435	BB	.001	
22	33.71	182533	BB	.020	DCB

[Handwritten signature]
 3/25/11

Total Area: 519436

Method File: /DATA/METHOD/AR1232_9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1325 22Jul1994



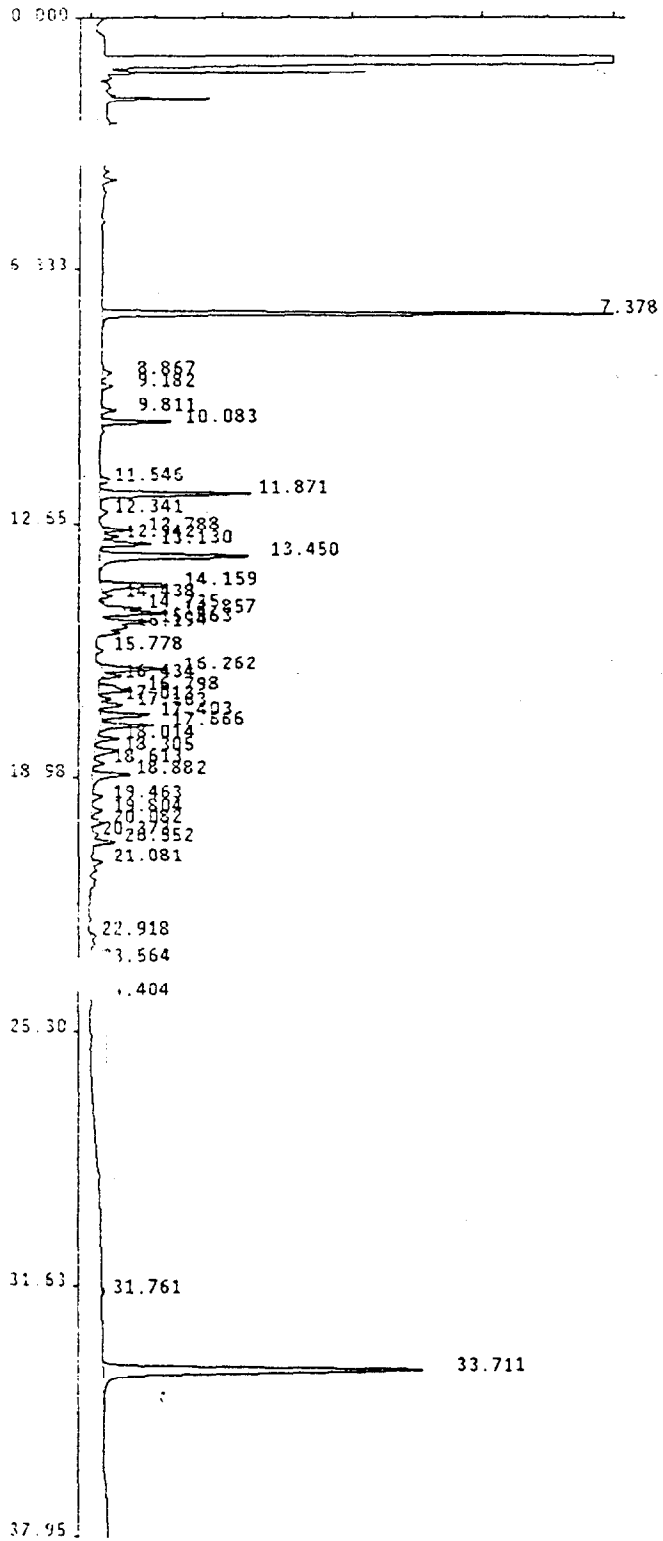
Sample Name : AR12321A
 Lab Id : AR12321A ,I
 Inst Id & Col : A08_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/H8P21JUL005.RES
 Inject Time : 1502 21Jul1994
 Run Status : EndOffBaseline
 Multilevel : False
 Application : Loop
 Quantitation: AreaUnits
 SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.93	9801	VB	.002	
2	6.21	225675	BB	.020	TCX
3	7.57	4310	BB	.001	
4	8.14	3947	BB	.001	
5	8.37	19636	BB	.100	ARO-1232
6	9.84	13176	BB	.100	ARO-1232-2
7	10.60	2550	BB	.000	
8	10.76	2706	BB	.000	
9	11.35	2240	BB	.000	
10	11.70	19413	BB	.100	ARO-1232-3
11	12.19	5973	BB	.001	
12	12.61	5229	BB	.001	
13	13.09	16641	BB	.100	ARO-1232-4
14	14.02	9545	BB	.100	ARO-1232-5
15	14.41	5928	BB	.001	
16	15.28	2664	BB	.000	
17	15.76	12164	BB	.002	
18	16.68	4778	BB	.001	
19	28.63	5983	BB	.001	
20	29.20	264634	BB	.020	DCB

Handwritten signature and date: 7/25/94

Total Area: 636991

Method File: /DATA/METHOD/AR1232_8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1347 22Jul1994



Sample Name : AR12420A
 Lab Id : AR12420A ,I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL006.RES
 Inject Time : 1547 21Jul1994
 Run Status : EndOffBaseline
 Multilevel : False
 Application : Loop
 Quantitation: AreaUnits
 SignalOverload

Method File: /DATA/METHOD/AR1242_9.MTH

Format File: /DATA/FORMAT/EXTERNAL_BASELINE

Report Time: 1327 1888489988 .020

TCX

Name *J. J. [Signature]*
 3/25/94

Ret	Area	Height	Width	Area%
2	8.87	4359	BB	.000
3	9.18	4139	BB	.000
4	9.81	5552	BB	.000
5	10.08	25866	BB	.100
6	11.55	4036	BB	.000
7	11.87	59423	BB	.100
8	12.34	4077	BB	.000
9	12.79	9830	BB	.001
10	12.94	4240	BB	.000
11	13.13	19713	BB	.002
12	13.45	88376	BB	.100
13	14.16	28868	BB	.100
14	14.44	3448	BB	.000
15	14.74	2789	BB	.000
16	14.86	16179	BB	.001
17	15.06	11575	BB	.001
18	15.19	3312	BB	.000
19	15.78	3406	BB	.000
20	16.26	26906	BB	.100
21	16.43	5902	BB	.001
22	16.80	19863	BB	.002
23	17.01	3625	BB	.000
24	17.16	7751	BB	.001
25	17.40	19621	BB	.002
26	17.67	24049	BB	.002
27	18.01	8881	BB	.001
28	18.30	12109	BB	.001
29	18.61	4509	BB	.000
30	18.88	20819	BB	.002
31	19.46	5014	BB	.000
32	19.80	5063	BB	.000
33	20.08	5132	BB	.000
34	20.37	2032	BB	.000
35	20.55	8797	BB	.001
36	21.08	4592	BB	.000
37	22.92	2226	BB	.000
38	23.56	2902	BB	.000
39	24.40	3608	BB	.000
40	31.76	2115	BB	.000
41	33.71	214115	BB	.020

ARO-1242

ARO-1242-2

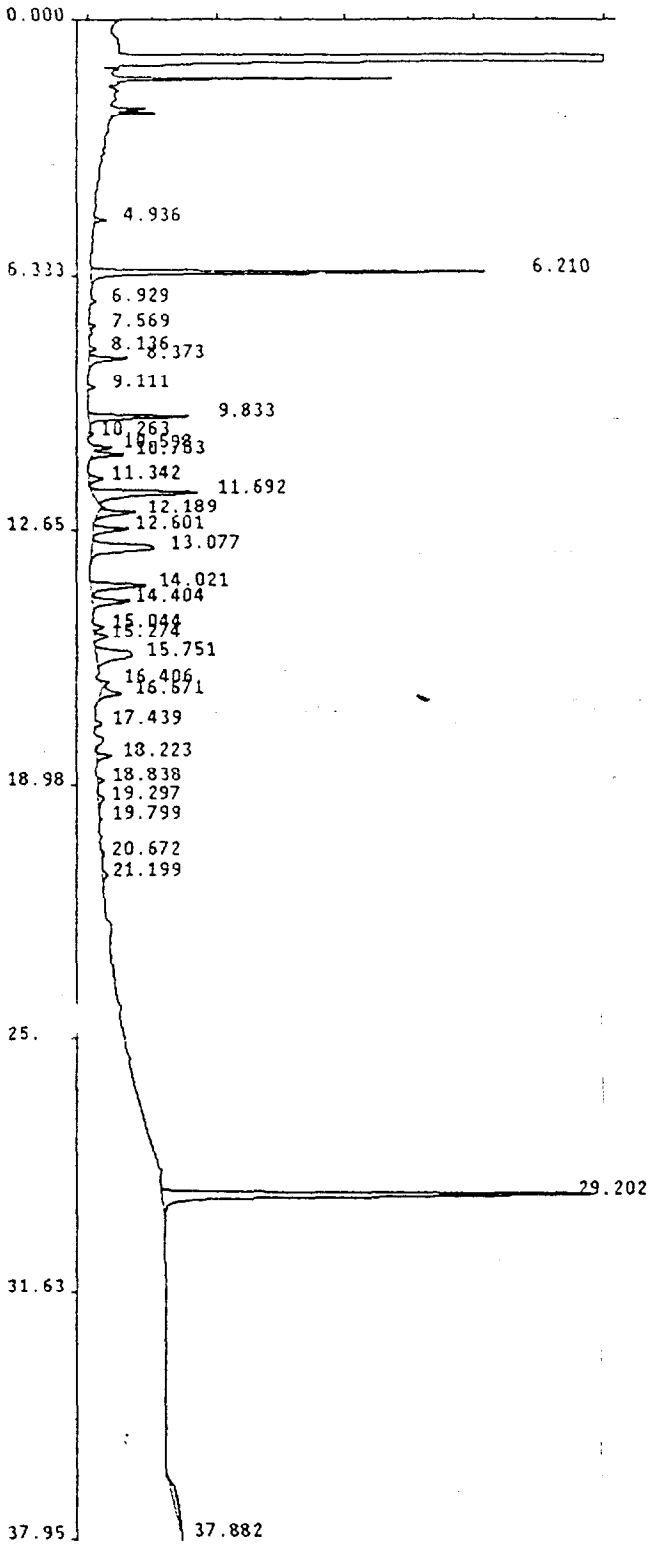
ARO-1242-3

ARO-1242-4

ARO-1242-5

DCB

Total Area: 864364



Sample Name : AR12421A
 Lab Id : AR12421A ,1
 Inst Id & Col : AD8_1. 081701
 Volume Injected: 1.0 ul
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M8P21JUL006.RES
 Inject Time : 1547 21Jul1994
 Run Status : SignalOverload

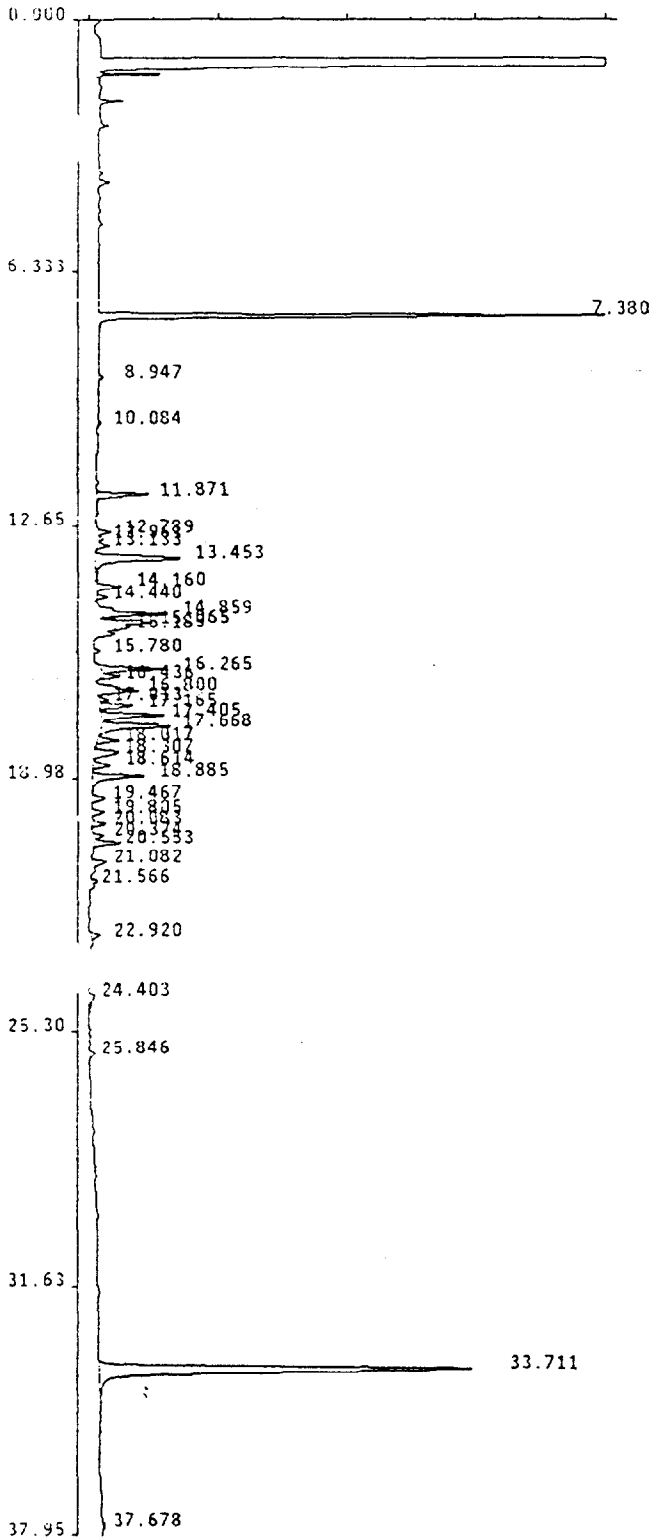
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	4.94	5748	VB	.001	
2	6.21	170174	BB	.020	TCX
3	6.93	2722	BB	.000	
4	7.57	3293	BB	.001	
5	8.14	4417	BB	.001	
6	8.37	27230	BB	.004	
7	9.11	3843	BB	.001	
8	9.83	55917	BB	.100	ARO-1242
9	10.26	2127	BB	.000	
10	10.60	8252	BB	.001	
11	10.76	14985	BB	.002	
12	11.34	10036	BB	.002	
13	11.69	79434	BB	.100	ARO-1242-2
14	12.19	24237	BB	.004	
15	12.60	23020	BB	.004	
16	13.08	72440	BB	.100	ARO-1242-3
17	14.02	42546	BB	.100	ARO-1242-4
18	14.40	29260	BB	.100	ARO-1242-5
19	15.04	6207	BB	.001	
20	15.27	10753	BB	.002	
21	15.75	53592	BB	.009	
22	16.41	3550	BB	.001	
23	16.67	16763	BB	.003	
24	17.44	4784	BB	.001	
25	18.22	7941	BB	.001	
26	18.84	3240	BB	.001	
27	19.30	5670	BB	.001	
28	19.80	2075	BB	.000	
29	20.67	2817	BB	.000	
30	21.20	3892	BB	.001	
31	29.20	305240	BB	.020	DCB
32	37.68	25072	BB	.004	

JG
 7/25/94

Total Area: 1031277

Method File: /DATA/METHOD/AR1242_8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1349 22Jul1994



Ceimic Corporation Pest/PCB Report

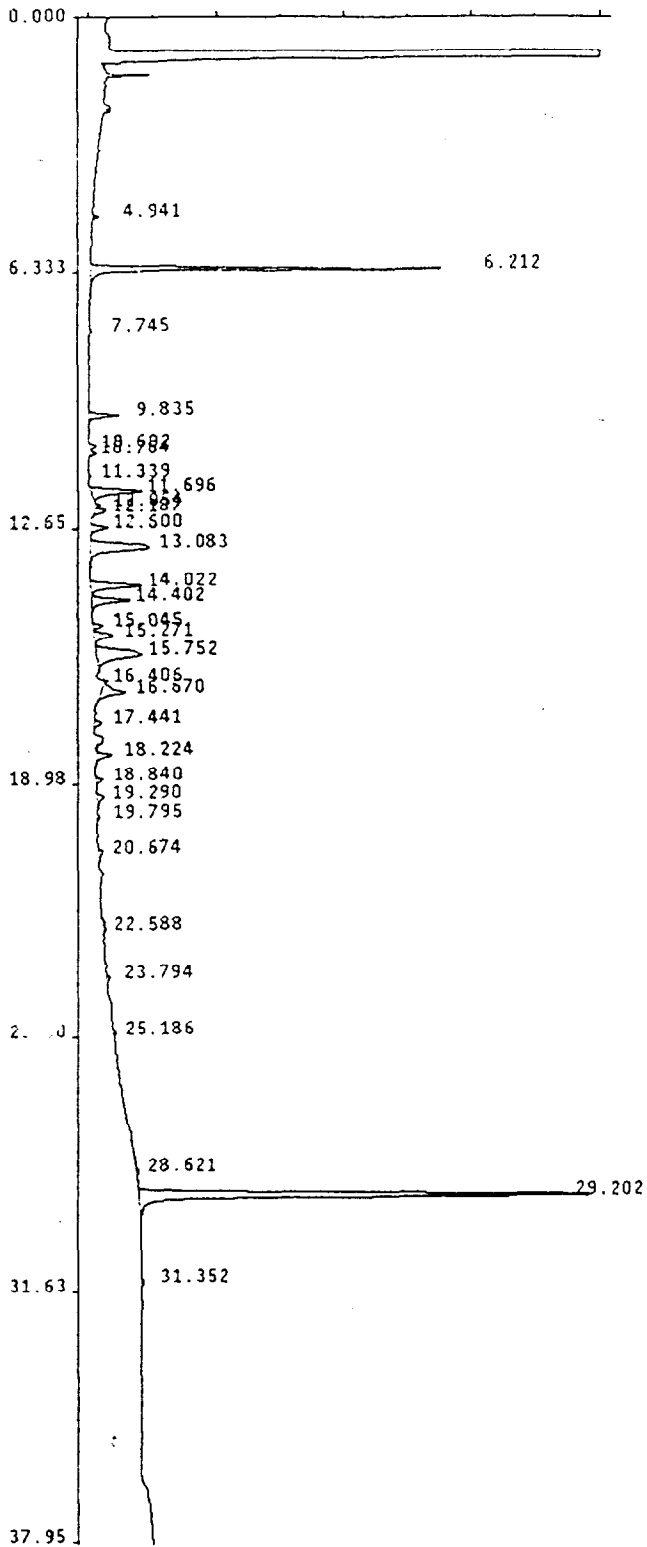
Sample Name : AR12480A
 Lab Id : AR12480A ,I
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/M9P21JUL007.RES
 Inject Time : 1631 21Jul1994
 Run Status : SignalOverload

PK #	RT	Area	Code	MASSng	Name
1	7.38	203039	BB	.020	TCX
2	8.95	2433	BB	.000	
3	10.08	2164	BB	.000	
4	11.87	26066	BB	.100	ARO-1248
5	12.79	6029	BB	.001	
6	12.96	2172	BB	.000	
7	13.13	5281	BB	.000	
8	13.45	66905	BB	.100	ARO-1248-2
9	14.16	13256	BB	.001	
10	14.44	5191	BB	.000	
11	14.86	27847	BB	.002	
12	15.06	14648	BB	.001	
13	15.18	5029	BB	.000	
14	15.78	3523	BB	.000	
15	16.26	33112	BB	.100	ARO-1248-3
16	16.44	7921	BB	.001	
17	16.80	12055	BB	.001	
18	17.01	3479	BB	.000	
19	17.17	15840	BB	.001	
20	17.40	33004	BB	.100	ARO-1248-4
21	17.67	41080	BB	.100	ARO-1248-5
22	18.02	10936	BB	.001	
23	18.31	16223	BB	.001	
24	18.61	8602	BB	.001	
25	18.89	36219	BB	.003	
26	19.47	7607	BB	.001	
27	19.81	7806	BB	.001	
28	20.08	7530	BB	.001	
29	20.37	4355	BB	.000	
30	20.55	13115	BB	.001	
31	21.08	8534	BB	.001	
32	21.57	2440	BB	.000	
33	22.92	4716	BB	.000	
34	24.40	7833	BB	.001	
35	25.85	3402	BB	.000	
36	33.71	329737	BB	.020	DCB
37	37.68	2842	BB	.000	

J
 7/25/94

Total Area: 1001967

Method File: /DATA/METHOD/AR1248_9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1329 22Jul1994



Sample Name : AR12481A
 Lab Id : AR12481A ,1
 Inst Id & Col : A08_1, D81701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M8P21JUL007.RES
 Inject Time : 1631 21Jul1994
 Run Status : EndOffBaseline
 SignalOverload

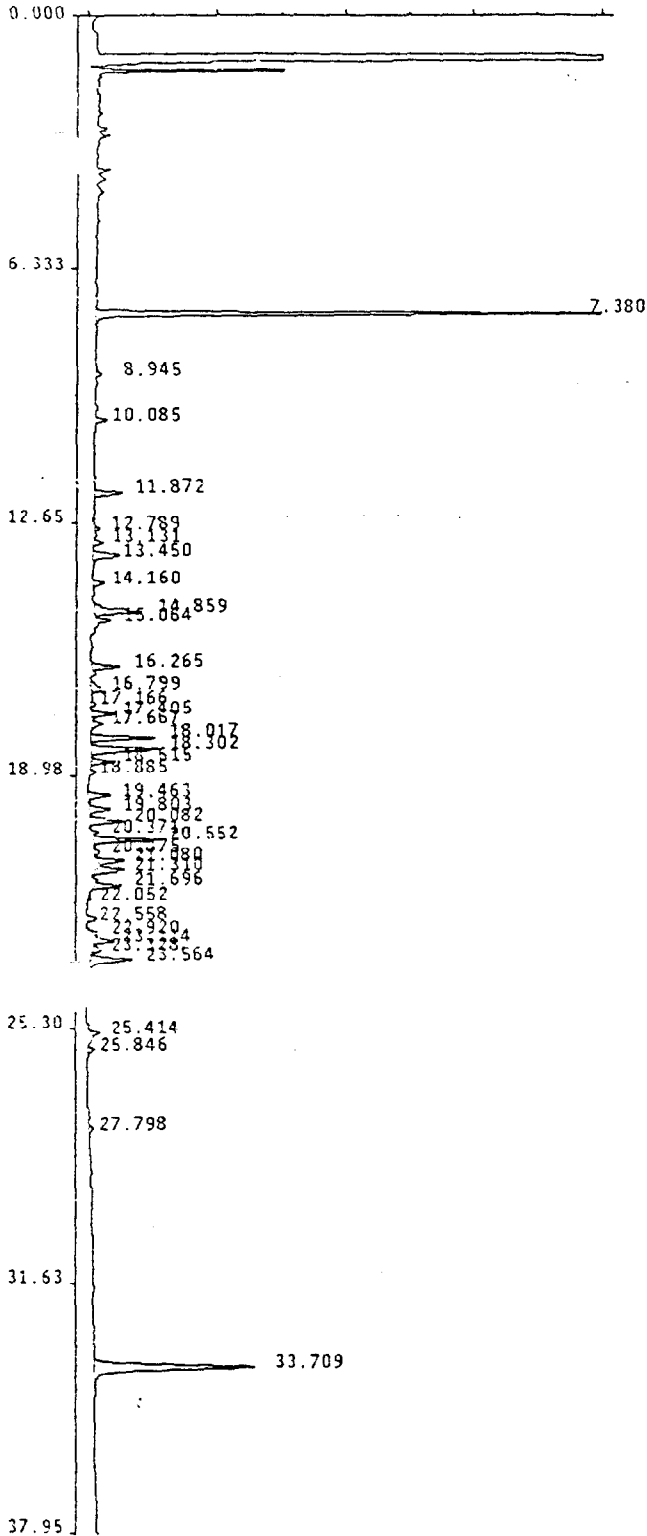
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	4.94	4320	VB	.001	
2	6.21	223142	BB	.020	TCX
3	7.74	2056	BB	.000	
4	9.83	26053	BB	.005	
5	10.60	5165	BB	.001	
6	10.76	4063	BB	.001	
7	11.34	2241	BB	.000	
8	11.70	57843	BB	.100	ARO-1248
9	12.05	2410	BB	.000	
10	12.19	8463	BB	.002	
11	12.60	15598	BB	.003	
12	13.08	104448	BB	.100	ARO-1248-2
13	14.02	57428	BB	.100	ARO-1248-3
14	14.40	42919	BB	.008	
15	15.05	8299	BB	.002	
16	15.27	21100	BB	.004	
17	15.75	91594	BB	.100	ARO-1248-4
18	16.41	3774	BB	.001	
19	16.67	30701	BB	.100	ARO-1248-5
20	17.44	7711	BB	.002	
21	18.22	13847	BB	.003	
22	18.84	6179	BB	.001	
23	19.29	11408	BB	.002	
24	19.80	2539	BB	.000	
25	20.67	5746	BB	.001	
26	22.59	5695	BB	.001	
27	23.79	2949	BB	.001	
28	25.19	2178	BB	.000	
29	28.62	3570	BB	.001	
30	29.20	471855	BB	.020	DCB
31	31.35	3154	BB	.001	

Handwritten signature and date: 2/25/94

Total Area: 1248451

Method File: /DATA/METHOD/AR1248_8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1350 22Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : AR12540A
 Lab Id : AR12540A ,I
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL008.RES
 Inject Time : 1715 21Jul1994
 Run Status : EndOffBaseline
 SignalOverload

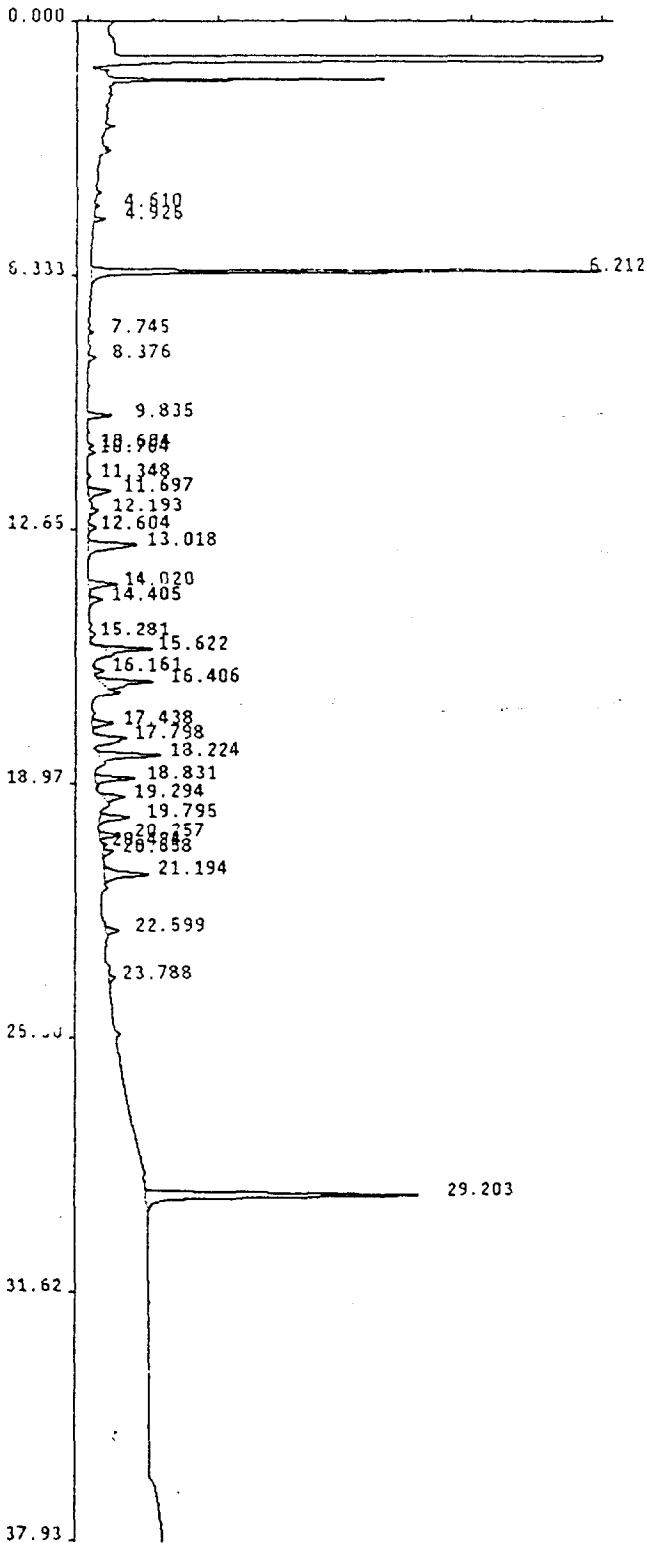
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Handwritten signature
 7/21/94

Pk #	RT	Area	Code	MASSng	Name
1	7.38	248363	BB	.020	TCX
2	8.95	3396	BB	.000	
3	10.08	6740	BB	.001	
4	11.87	18191	BB	.002	
5	12.79	3267	BB	.000	
6	13.13	5951	BB	.001	
7	13.45	26919	BB	.002	
8	14.16	8448	BB	.001	
9	14.86	32656	BB	.100	ARO-1254
10	15.06	7324	BB	.001	
11	16.26	16997	BB	.001	
12	16.80	9217	BB	.001	
13	17.17	3174	BB	.000	
14	17.41	15174	BB	.001	
15	17.67	7515	BB	.001	
16	18.02	42660	BB	.100	ARO-1254-2
17	18.30	50236	BB	.100	ARO-1254-3
18	18.61	15872	BB	.001	
19	18.89	4129	BB	.000	
20	19.46	15964	BB	.001	
21	19.80	15534	BB	.001	
22	20.08	22319	BB	.002	
23	20.37	3777	BB	.000	
24	20.55	46244	BB	.100	ARO-1254-4
25	20.87	4773	BB	.000	
26	21.08	18735	BB	.002	
27	21.31	19383	BB	.002	
28	21.70	16268	BB	.001	
29	22.05	2076	BB	.000	
30	22.56	7185	BB	.001	
31	22.92	3860	BB	.000	
32	23.11	12156	BB	.001	
33	23.33	5518	BB	.000	
34	23.56	34507	BB	.100	ARO-1254-5
35	25.41	4937	BB	.000	
36	25.85	5637	BB	.000	
37	27.80	3451	BB	.000	
38	33.71	174492	BB	.020	DCB

Total Area: 943048

Method File: /DATA/METHOD/AR1254_9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1330 22Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : AR12541A
 Lab Id : AR12541A .I
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M8P21JUL008.RES
 Inject Time : 1715 21Jul1994
 Run Status : EndOffBaseline
 SignalOverload

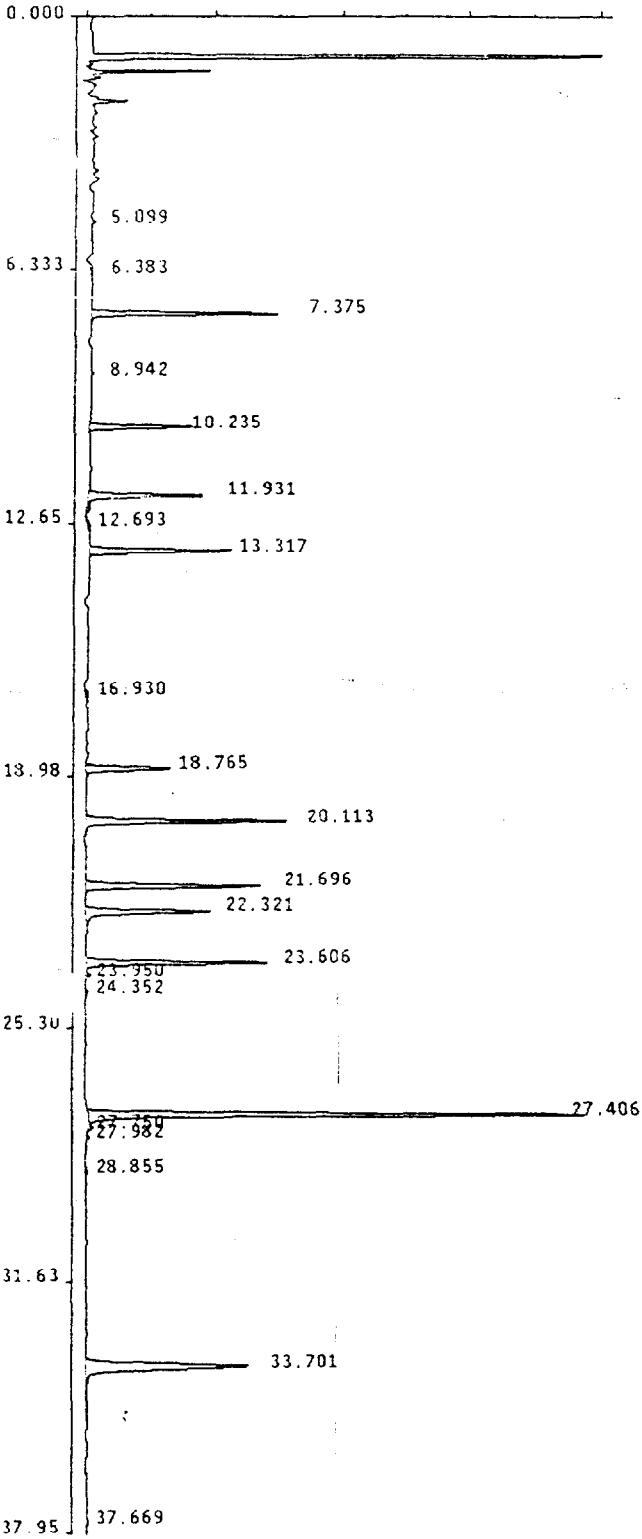
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.61	2047	BV	.000	
2	4.93	6592	PB	.001	
3	6.21	270720	BB	.020	TCX
4	7.74	2443	BB	.000	
5	8.38	6251	BB	.001	
6	9.83	17159	BB	.003	
7	10.60	2302	BB	.000	
8	10.76	3428	BB	.001	
9	11.35	2649	BB	.000	
10	11.70	21953	BB	.003	
11	12.19	6436	BB	.001	
12	12.60	6541	BB	.001	
13	13.02	55431	BB	.100	ARO-1254
14	14.02	24408	BB	.004	
15	14.41	12170	BB	.002	
16	15.28	5041	BB	.001	
17	15.62	33149	BB	.100	ARO-1254-2
18	16.16	4533	BB	.001	
19	16.41	48505	BB	.100	ARO-1254-3
20	17.44	17703	BB	.003	
21	17.80	7281	BB	.001	
22	18.22	49775	BB	.100	ARO-1254-4
23	18.83	32643	BB	.005	
24	19.29	19118	BB	.003	
25	19.80	25780	BB	.004	
26	20.26	14908	BB	.002	
27	20.49	3118	BB	.000	
28	20.66	7881	BB	.001	
29	21.19	46769	BB	.100	ARO-1254-5
30	22.60	11310	BB	.002	
31	23.79	5381	BB	.001	
32	29.20	244328	BB	.020	DCB

JL
 7/25/94

Total Area: 1017753

Method File: /DATA/METHOD/AR1254_8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1351 22Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : INDAMOB
 Lab Id : INDAMOB
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL014.RES
 Inject Time : 2327 24Jul1994
 Run Status : RunStatusOK

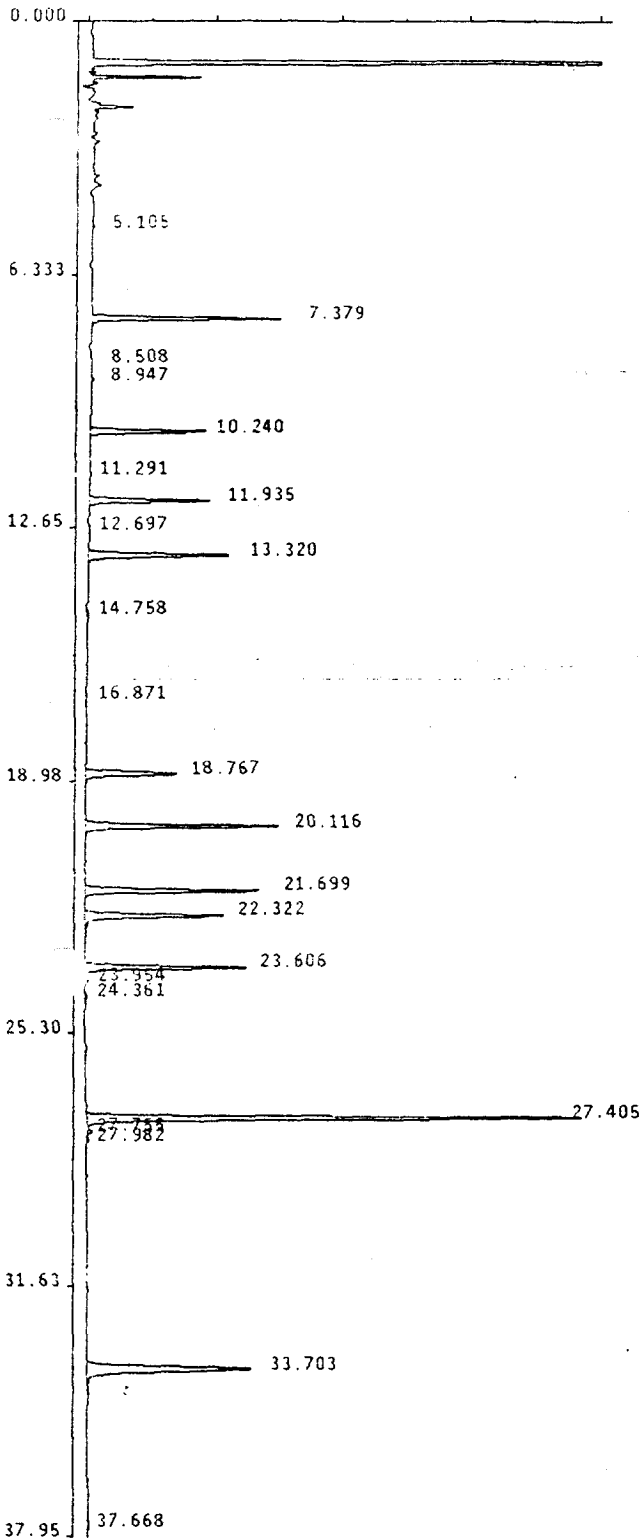
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	5.10	5554	BB	.001	
2	6.38	9919	BB	.002	
3	7.37	224885	BB	.022	TCX
4	8.94	2826	BB	.001	
5	10.23	129607	BB	.020	ALPHA-BHC
6	11.93	181338	BB	.023	GAMMA-BHC
7	12.69	7710	BB	.002	
8	13.32	229234	BB	.022	HEPTACHLOR
9	16.93	8978	BB	.002	
10	18.77	140039	BB	.021	ENDOSULF. I
11	20.11	313834	BB	.045	DIELDRIN
12	21.70	275778	BB	.046	ENDRIN
13	22.32	206793	BB	.040	4,4'-DDD
14	23.61	279800	BB	.045	4,4'-DDT
15	23.95	7108	BB	.002	ENDRIN ALDEH
16	24.35	5168	BB	.001	
17	27.41	818817	BB	.221	METHOXYCHLOR
18	27.75	5729	BB	.001	ENDRIN KETON
19	27.98	3272	BB	.001	
20	28.86	3307	BB	.001	
21	33.70	435318	BB	.044	DCB
22	37.67	2623	BB	.001	

J3
7/25/94

Total Area: 3296637

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1658 25Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : INDAMOC
 Lab Id : INDAMOC
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL040.RES
 Inject Time : 1839 25Jul1994
 Run Status : RunStatusOK

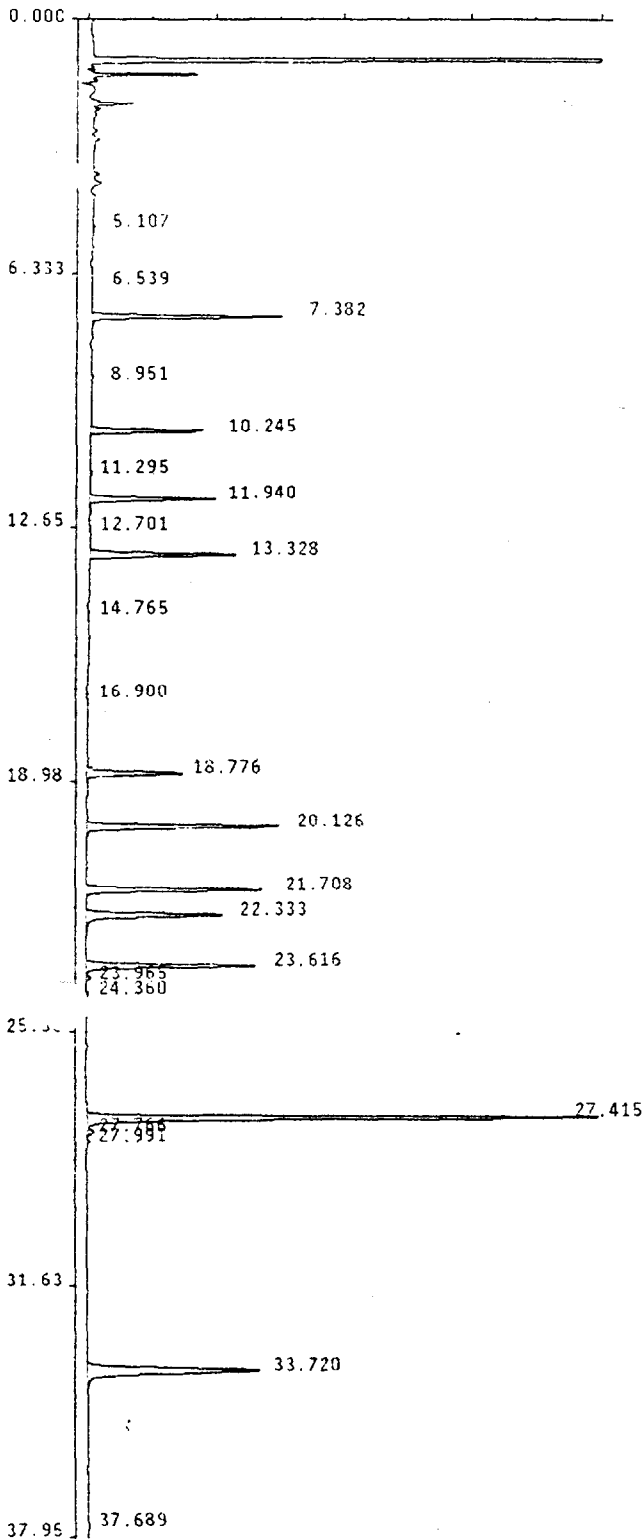
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	5.10	2407	BB	.001	
2	7.38	217536	BB	.021	TCX
3	8.51	3579	BB	.001	
4	8.95	3005	BB	.001	
5	10.24	142717	BB	.022	ALPHA-BHC
6	11.29	2533	BB	.001	
7	11.93	161700	BB	.021	GAMMA-BHC
8	12.70	2003	BB	.000	
9	13.32	221993	BB	.021	HEPTACHLOR
10	14.76	6268	BB	.001	ALDRIN
11	16.87	5098	BB	.001	
12	18.77	146417	BB	.021	ENDOSULF, I
13	20.12	291995	BB	.042	DIELDRIN
14	21.70	269045	BB	.045	ENDRIN
15	22.32	220716	BB	.043	4,4'-DDD
16	23.61	242773	BB	.039	4,4'-DDT
17	23.95	3676	BB	.001	ENDRIN ALDEH
18	24.36	4621	BB	.001	
19	27.41	787402	BB	.212	METHOXYCHLOR
20	27.76	6011	BB	.001	ENDRIN KETON
21	27.98	3243	BB	.001	
22	33.70	420776	BB	.043	DCB
23	37.67	6782	BB	.001	

[Handwritten signature]
 7/25/94

Total Area: 3172294

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 2139 25Jul1994



Ceimic Corporation Pest/PCB Report

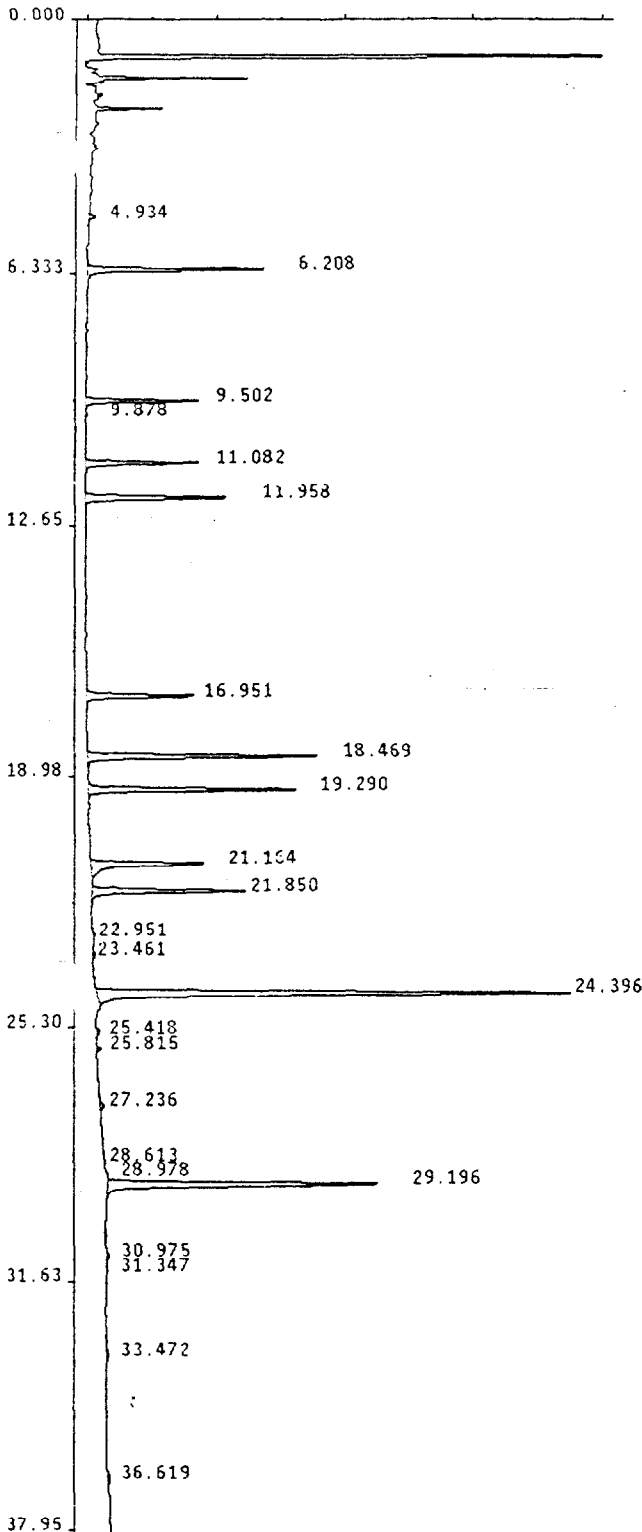
Sample Name : INDAMOD
 Lab Id : INDAMOD
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JUL061.RES
 Inject Time : 1011 26Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

PK #	RT	Area	Code	MASSng	Name
1	5.11	2253	88	.000	
2	6.54	7617	88	.002	
3	7.38	219199	88	.021	TCX
4	8.95	2875	88	.001	
5	10.24	146376	88	.022	ALPHA-BHC
6	11.30	2271	88	.000	
7	11.94	174710	88	.022	GAMMA-BHC
8	12.70	3900	88	.001	
9	13.33	226355	88	.022	HEPTACHLOR
10	14.76	5434	88	.001	ALDRIN
11	16.90	5018	88	.001	
12	18.78	152850	88	.022	ENDOSULF. I
13	20.13	303620	88	.043	DIELDRIN
14	21.71	273126	88	.046	ENDRIN
15	22.33	230590	88	.045	4,4'-DDD
16	23.62	245401	88	.040	4,4'-DDT
17	23.96	6699	88	.002	ENDRIN ALDEH
18	24.36	5427	88	.001	
19	27.42	797664	88	.215	METHOXYCHLOR
20	27.77	8907	88	.002	ENDRIN KETON
21	27.99	2951	88	.001	
22	33.72	446134	88	.045	DCB
23	37.69	2434	88	.001	

SM
7/26/94

Total Area: 3271811

Method File: /DATA/METHOD/INDA8Q9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1205 26Jul1994



Sample Name : INDAM1B
 Lab Id : INDAM1B
 Inst Id & Col : A08_1, D81701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL014.RES
 Inject Time : 2327 24Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

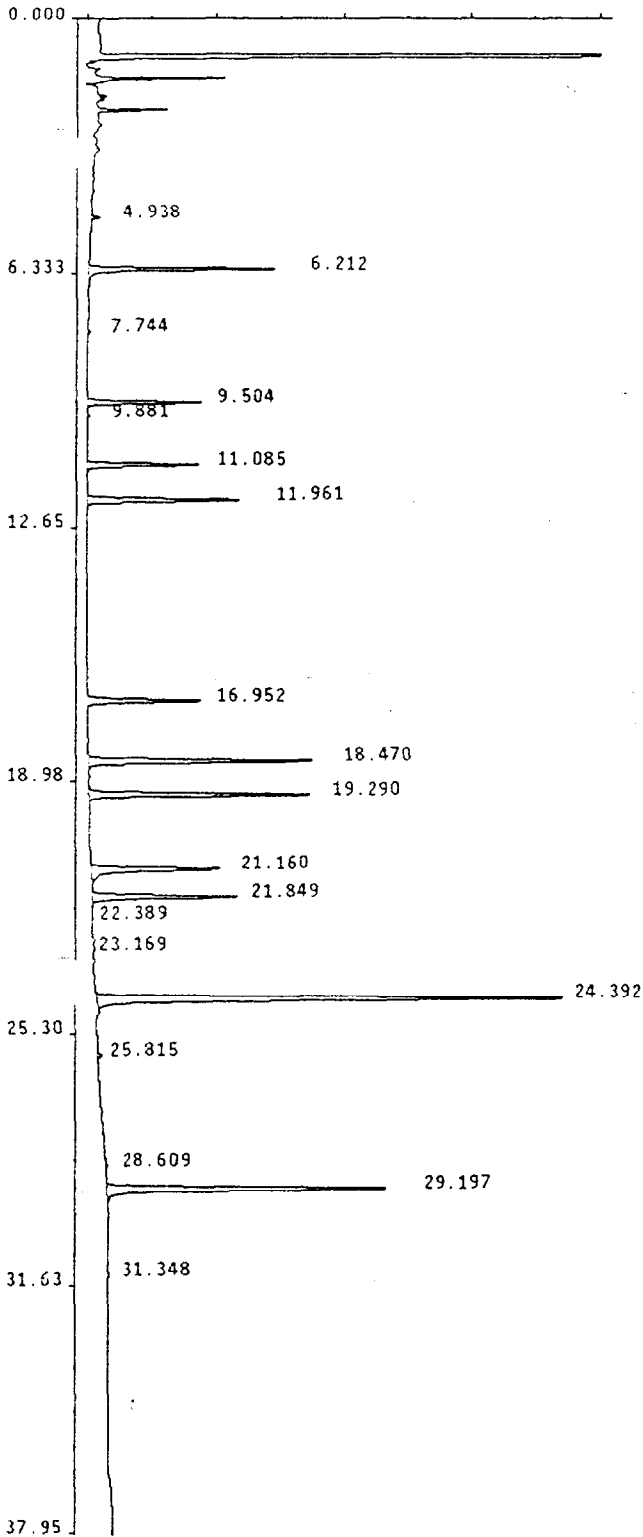
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.93	12654	VB	.003	
2	6.21	247637	BB	.021	TCX
3	9.50	154923	BB	.022	ALPHA-BHC
4	9.88	2536	BB	.001	
5	11.08	174142	BB	.022	GAMMA-BHC
6	11.96	258606	BB	.021	HEPTACHLOR
7	16.95	196898	BB	.021	ENDOSULF. I
8	18.47	400444	BB	.045	DIELDRIN
9	19.29	361476	BB	.045	ENDRIN
10	21.16	257674	BB	.046	4,4'-DDD
11	21.85	274257	BB	.046	4,4'-DDT
12	22.95	4110	BB	.001	ENDRIN ALDEH
13	23.46	5701	BB	.001	
14	24.40	993754	BB	.234	METHOXYCHLOR
15	25.42	8199	BB	.002	
16	25.81	7255	BB	.001	ENDRIN KETON
17	27.24	6420	BB	.001	
18	28.61	6140	BB	.001	
19	28.98	2293	BB	.001	
20	29.20	584758	BB	.044	DCB
21	30.97	9459	BB	.002	
22	31.35	3097	BB	.001	
23	33.47	11253	BB	.002	
24	36.62	7877	BB	.002	

J. Justice

Total Area: 3991563

Method File: /DATA/METHOD/INDAB08.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1718 25Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : INDAM1C
 Lab Id : INDAM1C
 Inst Id & Col : AD8_1, D81701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL040.RES
 Inject Time : 1839 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

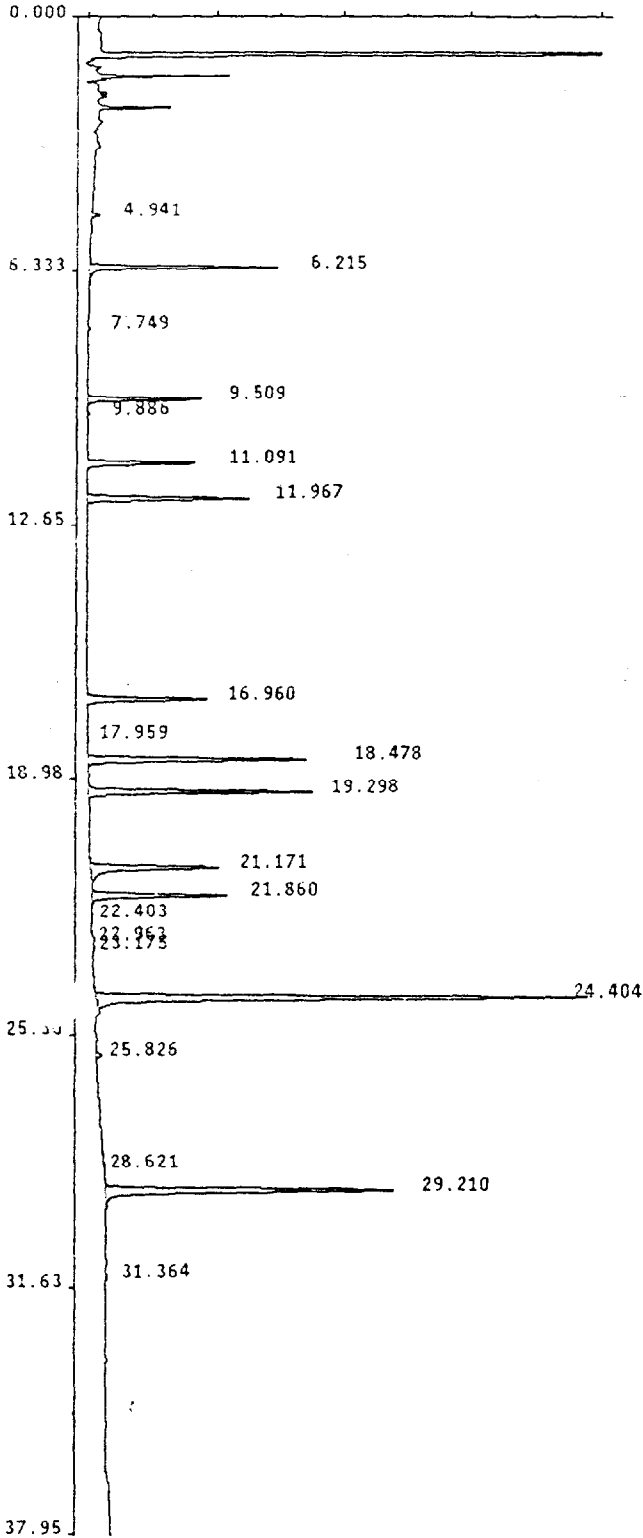
Multilevel : False
 Application : Lcop
 Quantitation: AreaUnits

Handwritten signature and date: 7/25/94

Pk #	RT	Area	Code	MASSng	Name
1	4.94	10778	VB	.002	
2	6.21	241170	BB	.021	TCX
3	7.74	2409	BB	.001	
4	9.50	151190	BB	.021	ALPHA-BHC
5	9.88	2846	BB	.001	
6	11.09	168259	BB	.021	GAMMA-BHC
7	11.96	254115	BB	.020	HEPTACHLOR
8	16.95	194044	BB	.021	ENDOSULF. I
9	18.47	373206	BB	.042	DIELDRIN
10	19.29	358802	BB	.044	ENDRIN
11	21.16	252702	BB	.045	4,4'-DDD
12	21.85	239362	BB	.040	4,4'-DDT
13	22.39	2891	BB	.001	
14	23.17	2118	BB	.000	
15	24.39	920989	BB	.217	METHOXYCHLOR
16	25.82	7015	BB	.001	ENDRIN KETON
17	28.61	5584	BB	.001	
18	29.20	565823	BB	.042	DCB
19	31.35	3265	BB	.001	

Total Area: 3756567

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 2143 25Jul1994



Geimic Corporation Pest/PCB Report

Sample Name : INDAM1D
 Lab Id : INDAM1D
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL061.RES
 Inject Time : 1011 26Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

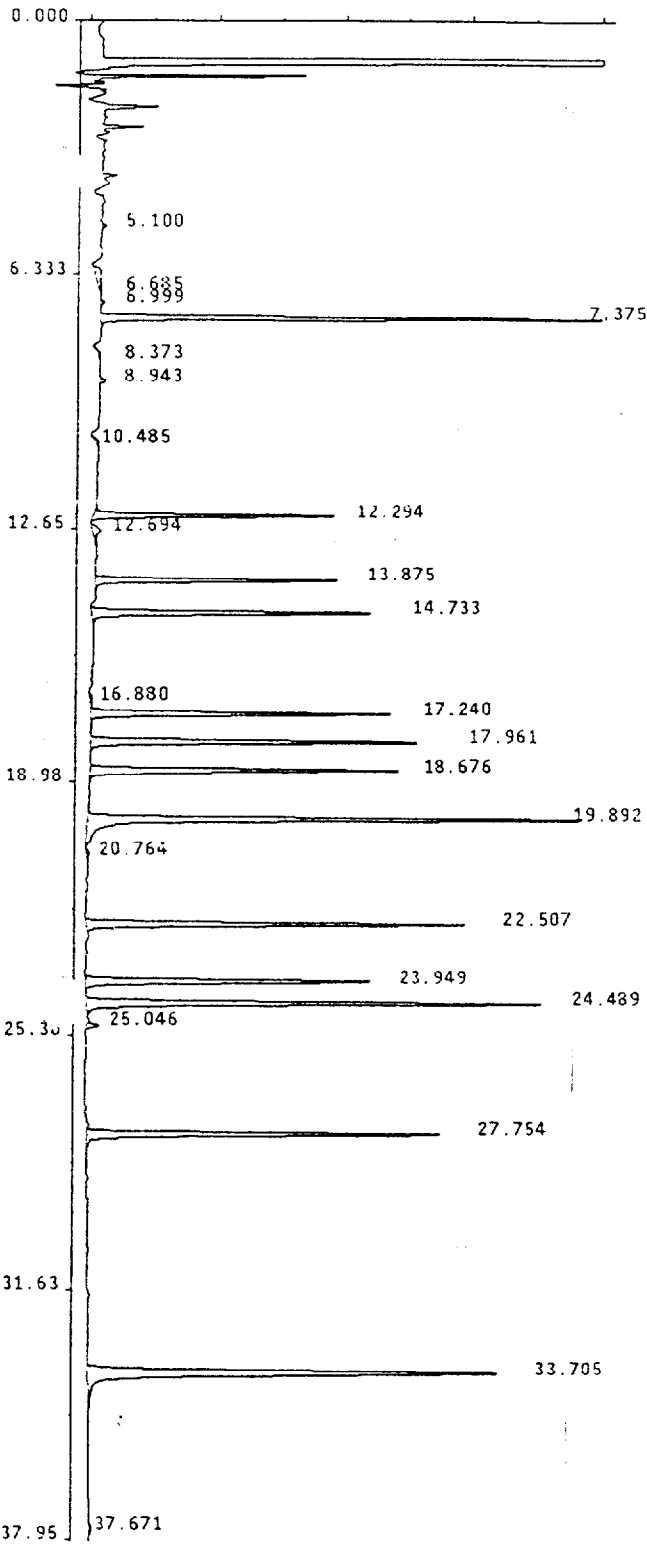
Multilevel : False
 Application : Leap
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.94	11737	VB	.003	
2	6.22	241369	BB	.021	TCX
3	7.75	2580	BB	.001	
4	9.51	154028	BB	.022	ALPHA-BHC
5	9.89	2373	BB	.001	
6	11.09	171972	BB	.022	GAMMA-BHC
7	11.97	255761	BB	.021	HEPTACHLOR
8	16.96	194371	BB	.021	ENDOSULF. I
9	17.96	2193	BB	.000	4,4'-DDE
10	18.48	376318	BB	.042	DIELDRIN
11	19.30	352719	BB	.044	ENDRIN
12	21.17	256773	BB	.046	4,4'-DDD
13	21.86	235357	BB	.040	4,4'-DDT
14	22.40	2514	BB	.001	
15	22.96	2402	BB	.001	ENDRIN ALDEH
16	23.18	2696	BB	.001	
17	24.40	915467	BB	.215	METHOXYCHLOR
18	25.83	9617	BB	.002	ENDRIN KETON
19	28.62	4365	BB	.001	
20	29.21	583726	BB	.044	DCB
21	31.36	3429	BB	.001	

SM
7/26/94

Total Area: 3781767

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1204 26Jul1994



Sample Name : INDBMOB
 Lab Id : INDBMOB
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL015.RES
 Inject Time : 0012 25Jul1994
 Run Status : RunStatusOK

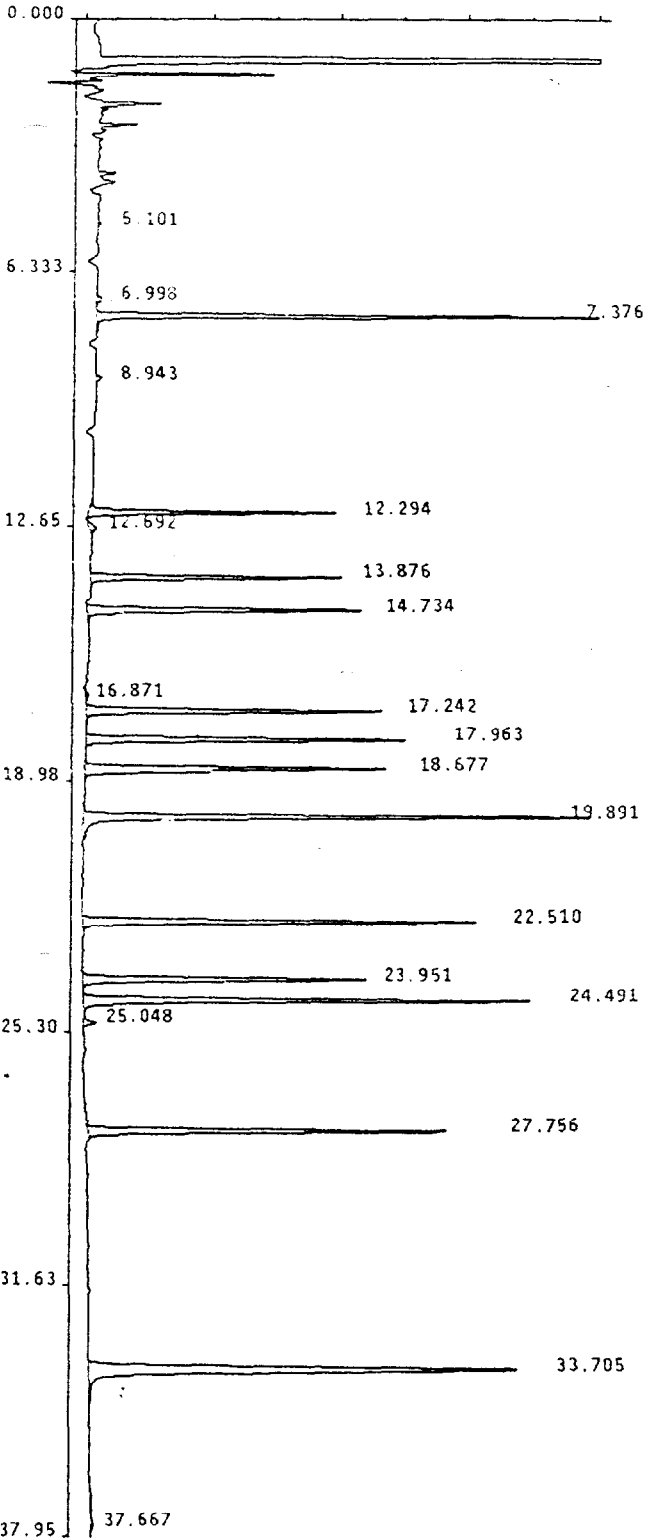
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	5.10	2950	BB	.001	
2	6.69	16009	BB	-.004	
3	7.00	2079	BB	.000	
4	7.37	236742	BB	.023	TCX
5	8.37	2092	BB	.000	
6	8.94	2836	BB	.001	
7	10.49	2959	BB	.001	
8	12.29	128534	BB	.022	BETA-BHC
9	12.69	11792	BB	.003	
10	13.88	132123	BB	.021	DELTA-BHC
11	14.73	177157	BB	.021	ALDRIN
12	16.88	3698	BB	.001	
13	17.24	185617	BB	.021	H. EPOXIDE
14	17.96	218587	BB	.021	G. CHLORDANE
15	18.68	196143	BB	.021	A. CHLORDANE
16	19.89	333505	BB	.041	4,4'-DDE
17	20.76	2917	BB	.001	
18	22.51	235378	BB	.041	ENDOSULF.II
19	23.95	182724	BB	.042	ENDRIN ALDEH
20	24.49	281983	BB	.041	ENDO. SULFAT
21	25.05	6648	BB	.001	
22	27.75	231948	BB	.041	ENDRIN KETON
23	33.70	432914	BB	.044	DCB
24	37.67	2480	BB	.001	

J
7/21/94

Total Area: 3029814

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1703 25Jul1994



Celmic Corporation Pest/PCB Report

Sample Name : INDBMOC
 Lab Id : INDBMOC
 Inst Id & Col : AD9_1. D8608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL041.RES
 Inject Time : 1923 25Jul1994
 Run Status : RunStatusOK

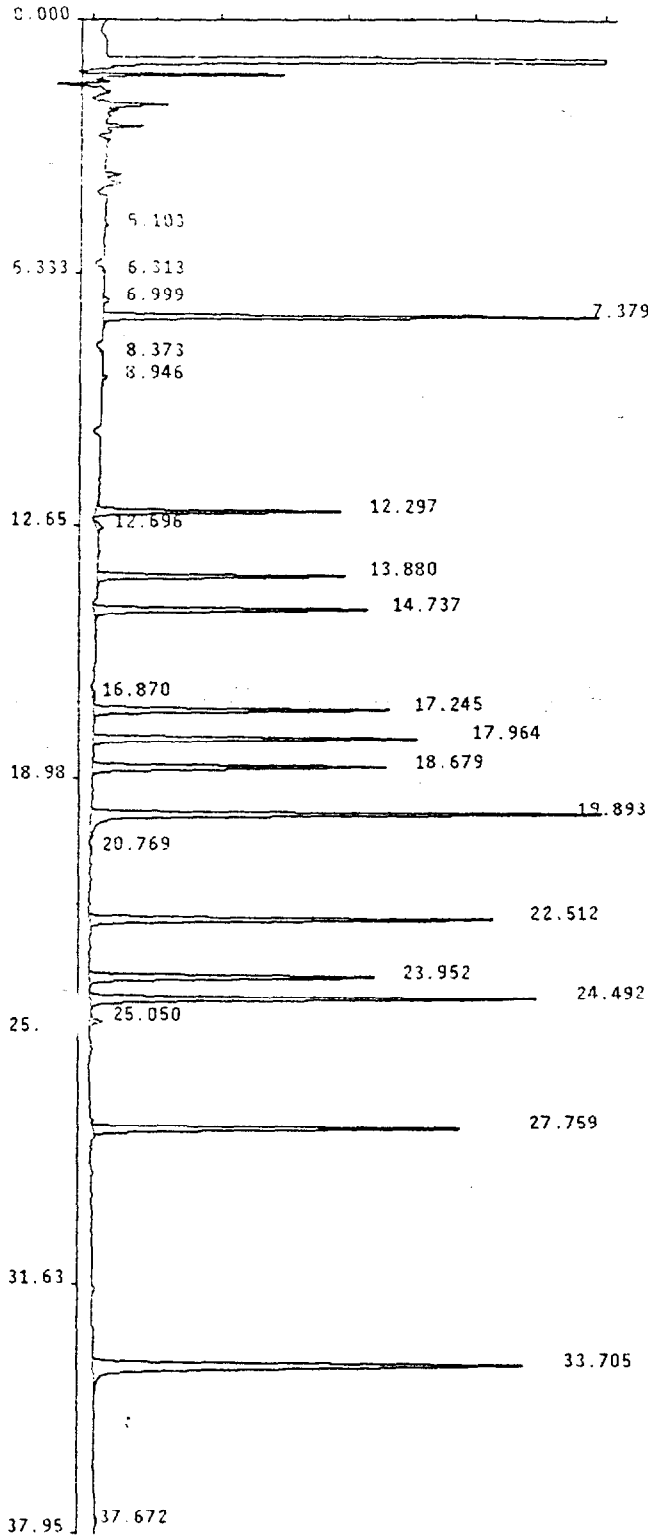
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	5.10	2128	BB	.000	
2	7.00	2680	BB	.001	
3	7.38	235622	BB	.023	TCX
4	8.94	2778	BB	.001	
5	12.29	134071	BB	.022	BETA-BHC
6	12.69	7562	BB	.002	
7	13.88	135538	BB	.021	DELTA-BHC
8	14.73	176406	BB	.020	ALDRIN
9	16.87	3566	BB	.001	
10	17.24	186253	BB	.021	H. EPOXIDE
11	17.96	212630	BB	.020	G. CHLORDANE
12	18.55	193442	BB	.020	A. CHLORDANE
13	19.89	322985	BB	.040	4,4'-DDE
14	22.51	246000	BB	.043	ENDOSULF. II
15	23.95	184837	BB	.042	ENDRIN ALDEH
16	24.49	279238	BB	.041	ENDO. SULFAT
17	25.05	8191	BB	.002	
18	27.76	236249	BB	.041	ENDRIN KETON
19	33.71	443327	BB	.045	DCB
20	37.67	6859	BB	.002	

Handwritten signature

Total Area: 3020363

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 2142 25Jul1994



Sample Name : INDBMOD
 Lab Id : INDBMOD
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL062.RES
 Inject Time : 1055 26Jul1994
 Run Status : RunStatusOK

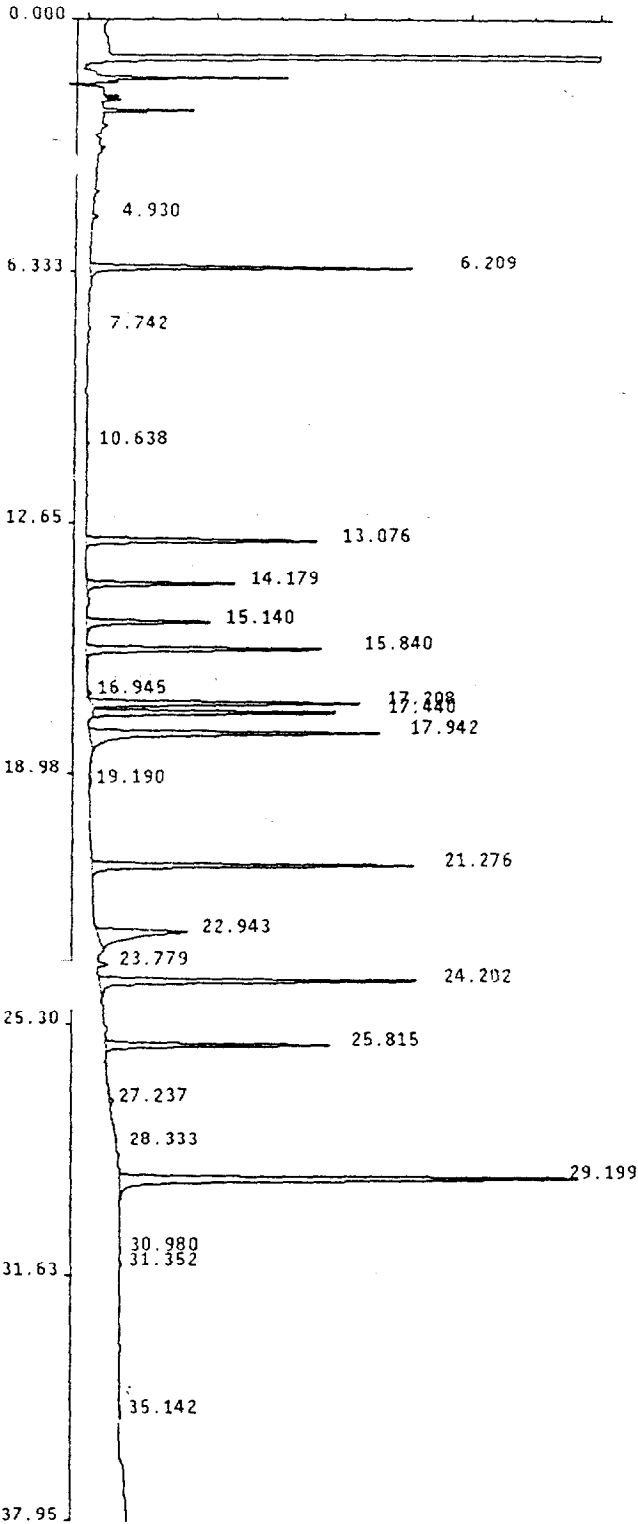
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	5.10	2243	BB	.000	
2	6.31	4142	BB	.001	
3	7.00	3096	BB	.001	
4	7.38	241108	BB	.023	TCX
5	8.37	3247	BB	.001	
6	8.95	2995	BB	.001	
7	12.30	138318	BB	.023	BETA-BHC
8	12.70	7276	BB	.002	
9	13.88	142598	BB	.022	DELTA-BHC
10	14.74	184940	BB	.021	ALDRIN
11	16.87	3942	BB	.001	
12	17.25	197075	BB	.022	H. EPOXIDE
13	17.96	225044	BB	.021	C. CHLORDANE
14	18.68	202098	BB	.021	A. CHLORDANE
15	19.89	343680	BB	.043	4,4'-DDE
16	20.77	2670	BB	.001	
17	22.51	267134	BB	.047	ENDOSULF. II
18	23.95	197047	BB	.045	ENDRIN ALDEH
19	24.49	298460	BB	.044	ENDO. SULFAT
20	25.05	9394	BB	.002	
21	27.76	257228	BB	.045	ENDRIN KETON
22	33.70	475834	BB	.048	DCB
23	37.67	2503	BB	.001	

*SM
7/26/94*

Total Area: 3212075

Method File: /DATA/METHOD/INDB09.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1207 26Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : INDBM1B
 Lab Id : INDBM1B
 Inst Id & Col : A08_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalISTD
 Result File : /DATA/RESULT/S8P24JUL015.RES
 Inject Time : 0012 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

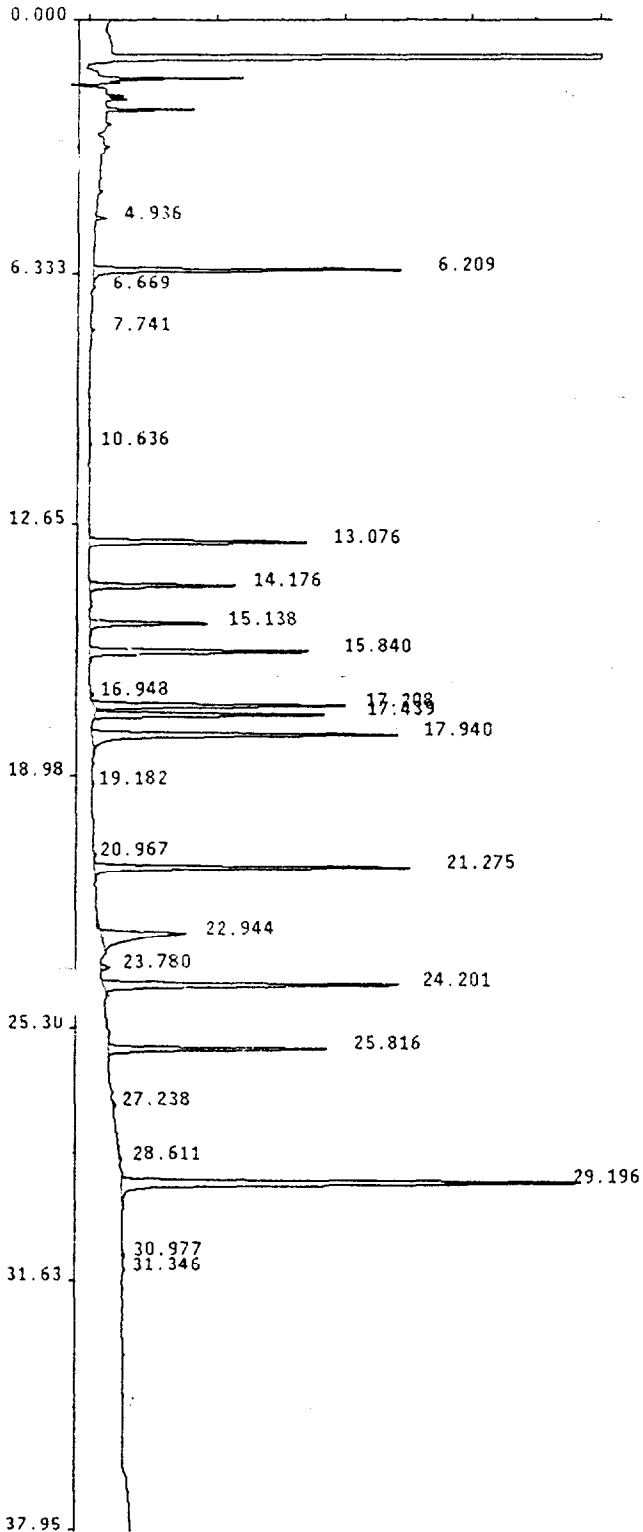
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	4.93	5197	BB	.001	
2	6.21	257678	BB	.022	TCX
3	7.74	2829	BB	.001	
4	10.64	2123	BB	.000	
5	13.08	214440	BB	.021	ALDRIN
6	14.18	135747	BB	.021	BETA-BHC
7	15.14	121156	BB	.021	DELTA-BHC
8	15.84	247312	BB	.021	H. EPOXIDE
9	16.95	4065	BB	.000	ENDOSULF. I
10	17.21	255990	BB	.021	G. CHLORDANE
11	17.44	249396	BB	.021	A. CHLORDANE
12	17.94	362968	BB	.041	4,4'-DDE
13	19.19	2280	BB	.001	
14	21.28	326526	BB	.041	ENDOSULF. II
15	22.94	179004	BB	.041	ENDRIN ALDEH
16	23.78	8280	BB	.002	
17	24.20	343391	BB	.041	ENDO. SULFAT
18	25.82	221239	BB	.041	ENDRIN KETON
19	27.24	4195	BB	.001	
20	28.33	2054	BB	.000	
21	29.20	595889	BB	.044	DCB
22	30.98	3638	BB	.001	
23	31.35	3380	BB	.001	
24	35.14	8046	BB	.002	

JL
 7/25/94

Total Area: 3556821

Method File: /DATA/METHOD/INDA808.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1720 25Jul1994



Sample Name : INDBM1C
 Lab Id : INDBM1C
 Inst Id & Col : AD8_1, D81701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL041.RES
 Inject Time : 1923 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

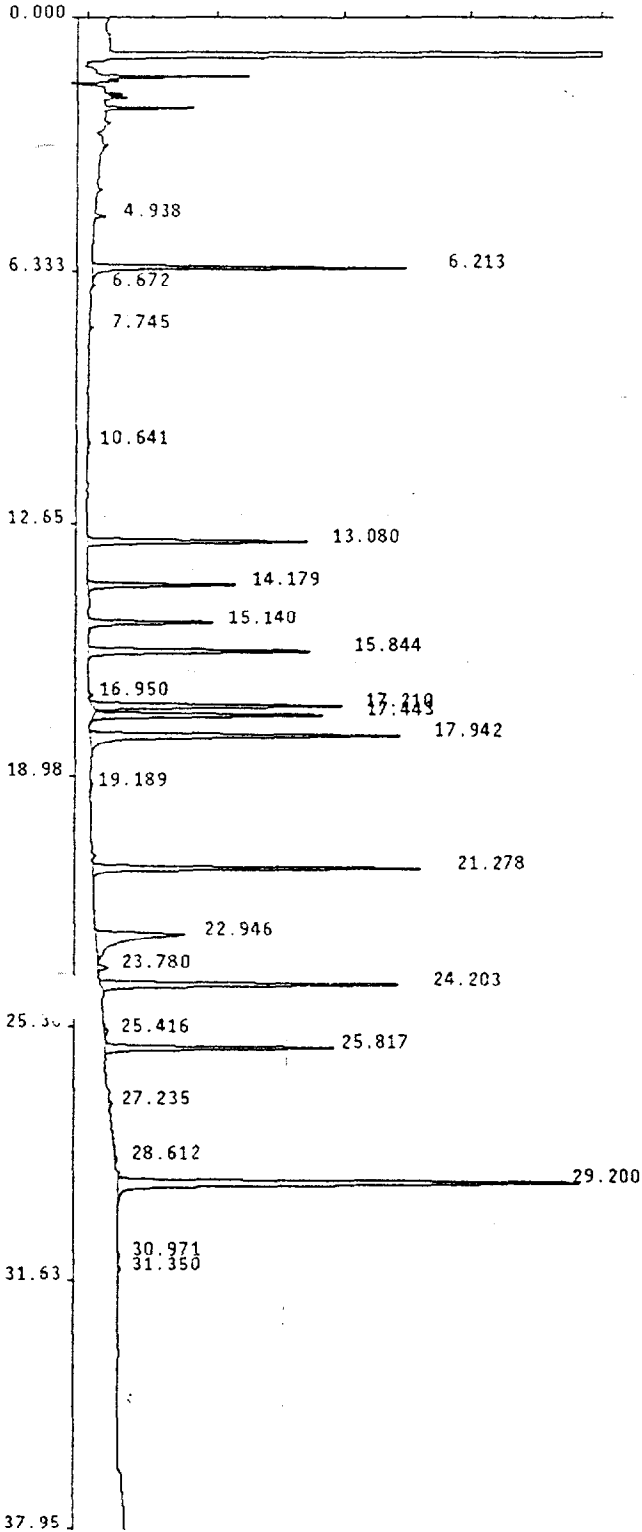
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.94	9310	V8	.002	
2	6.21	252958	BB	.022	TCX
3	6.67	2257	BB	.000	
4	7.74	2876	BB	.001	
5	10.64	2137	BB	.000	
6	13.08	206702	BB	.020	ALDRIN
7	14.18	137578	BB	.021	BETA-BHC
8	15.14	120479	BB	.021	DELTA-BHC
9	15.84	239941	BB	.020	H. EPOXIDE
10	16.95	3670	BB	.000	ENDOSULF. I
11	17.21	248922	BB	.020	G. CHLORDANE
12	17.44	241846	BB	.020	A. CHLORDANE
13	17.94	367739	BB	.042	4,4'-DDE
14	19.18	2321	BB	.001	
15	20.97	2798	BB	.001	
16	21.28	331243	BB	.042	ENDOSULF. II
17	22.94	172449	BB	.040	ENDRIN ALDEH
18	23.78	9054	BB	.002	
19	24.20	323210	BB	.039	ENDO. SULFAT
20	25.82	223549	BB	.042	ENDRIN KETON
21	27.24	3915	BB	.001	
22	28.61	5493	BB	.001	
23	29.20	588000	BB	.044	DCB
24	30.98	2539	BB	.001	
25	31.35	3224	BB	.001	

Handwritten signature and date: 7/25/94

Total Area: 3504208

Method File: /DATA/METHOD/INDAB08.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 2143 25Jul1994



Sample Name : INDBM1D
 Lab Id : INDBM1D
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL062.RES
 Inject Time : 1055 26Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.94	9814	VB	.002	
2	6.21	258955	BB	.022	TCX
3	6.67	2832	BB	.001	
4	7.75	2665	BB	.001	
5	10.64	2189	BB	.000	
6	13.08	214861	BB	.021	ALDRIN
7	14.18	143467	BB	.022	BETA-BHC
8	15.14	126841	BB	.022	DELTA-BHC
9	15.84	249711	BB	.021	H. EPOXIDE
10	16.95	4154	BB	.000	ENDOSULF. I
11	17.21	258034	BB	.021	G. CHLORDANE
12	17.44	251950	BB	.021	A. CHLORDANE
13	17.94	381607	BB	.043	4,4'-DDE
14	19.19	2786	BB	.001	
15	21.28	350202	BB	.044	ENDOSULF. II
16	22.95	214774	BB	.049	ENDRIN ALDEH
17	23.78	10115	BB	.002	
18	24.20	337426	BB	.041	ENDO. SULFAT
19	25.42	4267	BB	.001	
20	25.82	242411	BB	.045	ENDRIN KETON
21	27.23	4195	BB	.001	
22	28.61	6611	BB	.001	
23	29.20	624903	BB	.047	DCB
24	30.97	3548	BB	.001	
25	31.35	3646	BB	.001	

SM
7/26/94

Total Area: 3711964

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1207 26Jul1994

Sample Name : F1010793
 Lab Id : L10793
 Inst Id & Col : AD*1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/L9P17JAN013.RES
 Inject Time : 1718 17Jan1994
 Run Status : RUNSTATUSOK
 EndOffBaseline

SF=1

Multilevel : false
 Application : Loop
 Quantitation: AreaUnits

Handwritten signature 1-13-94

PK #	RT	Area	Code	MASSng	Name
1	4.47	21857	BB	.005	
2	4.79	21528	BB	.005	
3	5.33	2035	BB	.000	
4	5.61	10311	BB	.002	
5	5.85	6060	BB	.001	
6	6.42	2694	BB	.001	
7	6.70	1081	BB	.000	
8	6.97	52704	BB	.009	TCX
9	9.77	38976	BB	.009	ALPHA-BHC
10	11.44	40261	BB	.009	GAMMA-BHC
11	12.49	7934	BB	.002	
12	12.80	60334	BB	.009	HEPTACHLOR
13	13.15	32404	BB	.007	
14	14.47	2702	BB	.001	
15	18.21	43340	BB	.010	ENDOSULF. I
16	19.55	75928	BB	.018	DIELDRIN
17	21.13	70944	BB	.019	ENDRIN
18	21.79	58819	BB	.018	4,4'-DDD
19	23.07	69265	BB	.019	4,4'-DDT
20	23.85	3183	BB	.001	ENDOSULF. I
21	24.15	1775	BB	.000	
22	26.80	221155	BB	.098	METHOXYCHLOR
23	32.85	107826	BB	.019	DCE

Total Area: 954016

Method File: /DATA/METHOD/KNAB09.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1349 18Jan1994

PESTICIDES/PCBS

d. Raw QC Data

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK02

Lab Name: CEIMIC CORP

Contract: OHM

b Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: P0721-B2

Sample wt/vol: 30.0 (g/mL) G

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received:

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL)

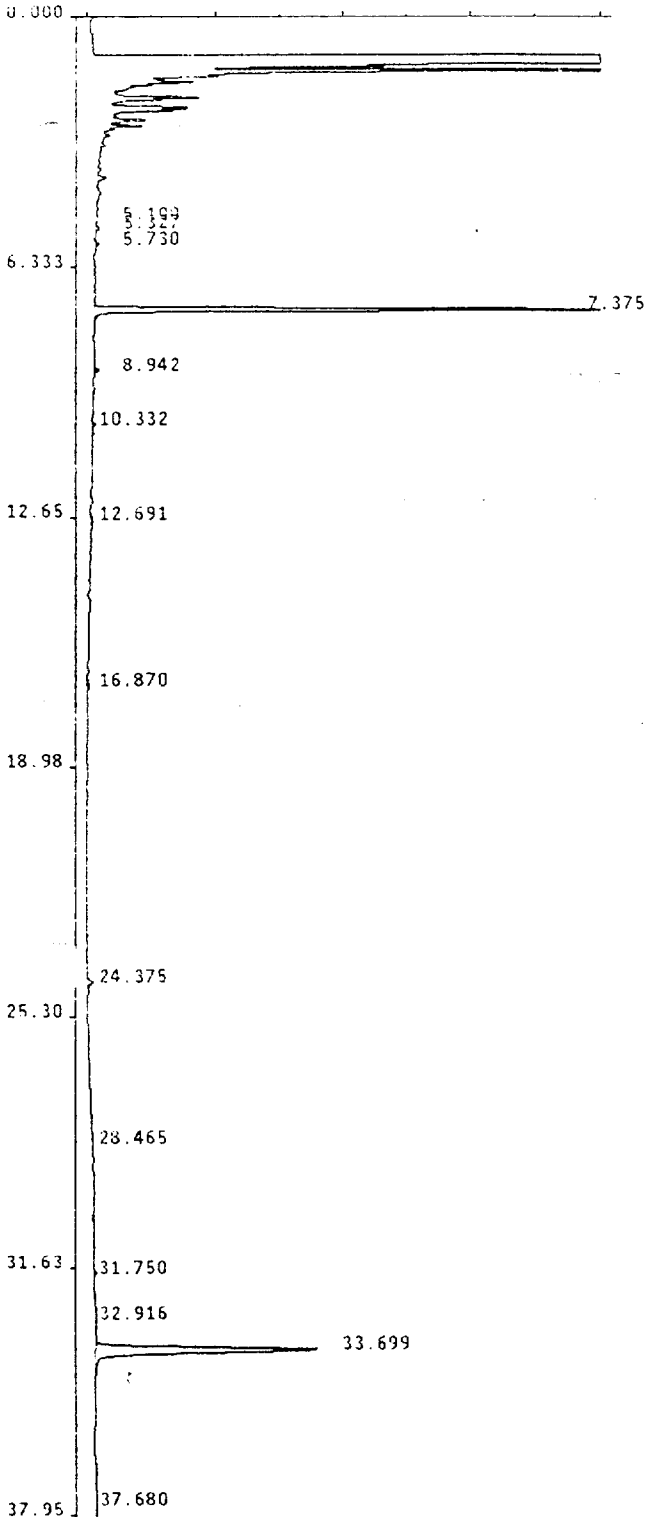
Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7IU	
319-85-7	beta-BHC	1.7IU	
319-86-8	delta-BHC	1.7IU	
58-89-9	gamma-BHC (Lindane)	1.7IU	
76-44-8	Heptachlor	1.7IU	
309-00-2	Aldrin	1.7IU	
1024-57-3	Heptachlor epoxide	1.7IU	
959-98-8	Endosulfan I	1.7IU	
60-57-1	Dieldrin	3.3IU	
72-55-9	4,4'-DDE	3.3IU	
72-20-8	Endrin	3.3IU	
33213-65-9	Endosulfan II	3.3IU	
72-54-8	4,4'-DDD	3.3IU	
1031-07-8	Endosulfan sulfate	3.3IU	
50-29-3	4,4'-DDT	3.3IU	
72-43-5	Methoxychlor	17 IU	
53494-70-5	Endrin ketone	3.3IU	
7421-93-4	Endrin aldehyde	3.3IU	
5103-71-9	alpha-Chlordane	1.7IU	
5103-74-2	gamma-Chlordane	1.7IU	
8001-35-2	Toxaphene	170 IU	
12674-11-2	Aroclor-1016	33 IU	
11104-28-2	Aroclor-1221	67 IU	
11141-16-5	Aroclor-1232	33 IU	
53469-21-9	Aroclor-1242	33 IU	
12672-29-6	Aroclor-1248	33 IU	
11097-69-1	Aroclor-1254	33 IU	
11096-82-5	Aroclor-1260	33 IU	



Sample Name : PBLK02
 Lab Id : P0721-82
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL037.RES
 Inject Time : 1626 25Jul1994
 Run Status : EndOffBaseline
 SignalOverload

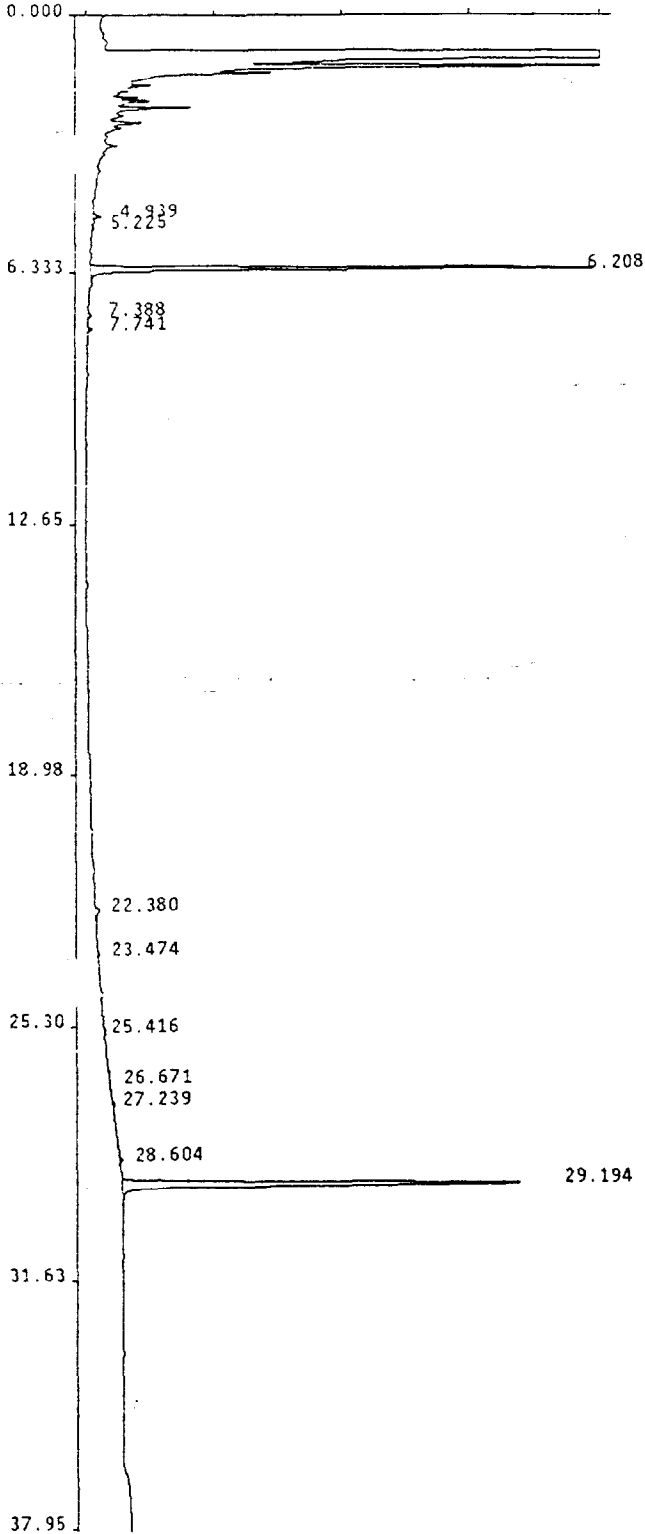
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	5.10	3361	BB	.001	
2	5.33	2881	BB	.001	
3	5.73	2884	BB	.001	
4	7.38	393192	BB	.038	TCX
5	8.94	3589	BB	.001	
6	10.33	2682	BB	.001	
7	12.69	2905	BB	.001	
8	16.87	3813	BB	.001	
9	24.37	5612	BB	.001	
10	28.46	2090	BB	.000	
11	31.75	2366	BB	.001	
12	32.92	8399	BB	.002	
13	33.70	371383	BB	.038	DCB
14	37.68	7115	BB	.002	

JZ
 7/25/94

Total Area: 812873

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 2135 25Jul1994



Seimic Corporation Pest/PCB Report

Sample Name : PBLK02
 Lab Id : P0721-B2
 Inst Id & Col : A08_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL037.RES
 Inject Time : 1626 25Jul1994
 Run Status : EndOffBaseline
 SignalOverload

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

JK
 Name 7/25/14

Pk #	RT	Area	Code	MASSng	
1	4.94	5546	VB	.001	
2	5.23	2017	BB	.000	
3	6.21	418442	BB	.036	TCX
4	7.39	4134	BB	.001	
5	7.74	4435	BB	.001	
6	22.38	7956	BB	.002	
7	23.47	2236	BB	.000	
8	25.42	2156	BB	.000	
9	26.67	2174	BB	.000	
10	27.24	2783	BB	.001	
11	28.60	8065	BB	.002	
12	29.19	512282	BB	.038	DCB

Total Area: 972223

Method File: /DATA/METHOD/INDA808.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 2138 25Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK03

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: P0721-B3

Sample wt/vol: 30.0 (g/mL) G

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received:

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL)

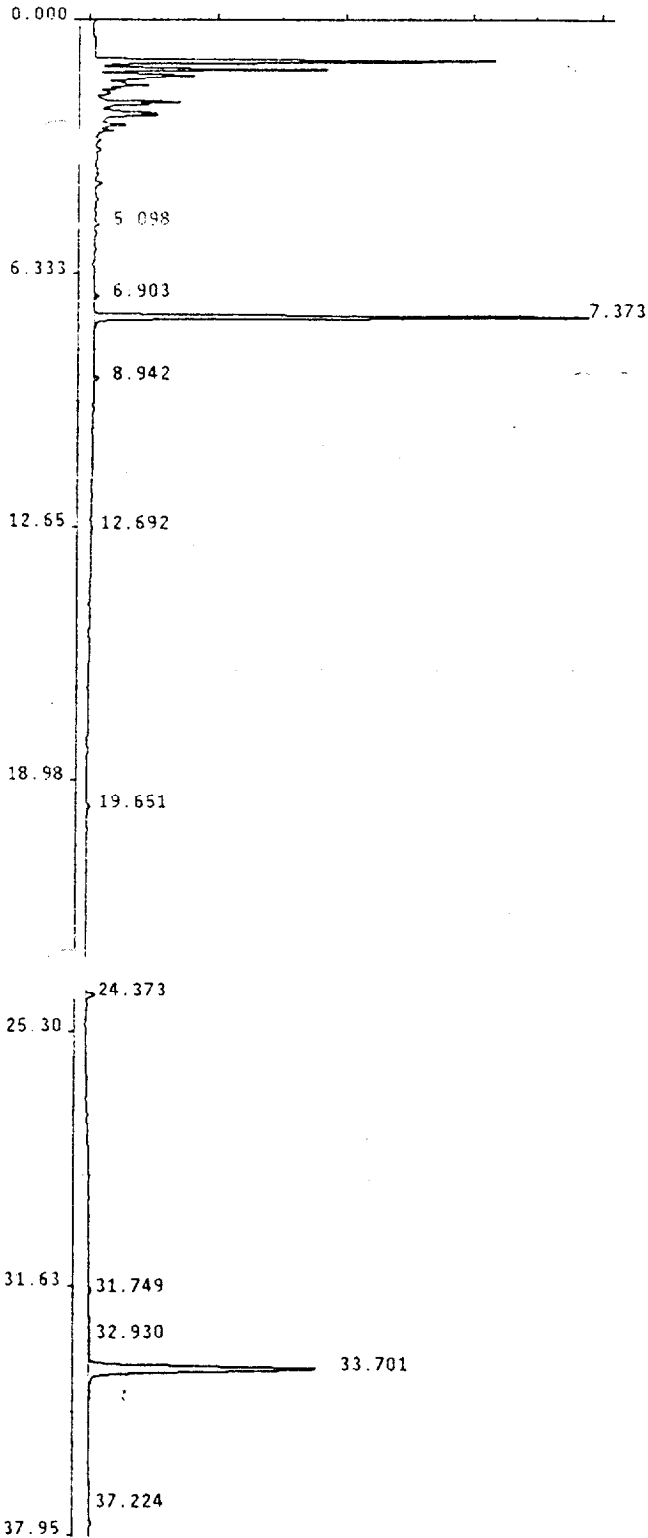
Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	-----alpha-BHC		
319-85-7	-----beta-BHC	1.7IU	
319-86-8	-----delta-BHC	1.7IU	
58-89-9	-----gamma-BHC (Lindane)	1.7IU	
76-44-8	-----Heptachlor	1.7IU	
309-00-2	-----Aldrin	1.7IU	
1024-57-3	-----Heptachlor epoxide	1.7IU	
959-98-8	-----Endosulfan I	1.7IU	
60-57-1	-----Dieldrin	3.3IU	
72-55-9	-----4,4'-DDE	3.3IU	
72-20-8	-----Endrin	3.3IU	
33213-65-9	-----Endosulfan II	3.3IU	
72-54-8	-----4,4'-DDD	3.3IU	
1031-07-8	-----Endosulfan sulfate	3.3IU	
50-29-3	-----4,4'-DDT	3.3IU	
72-43-5	-----Methoxychlor	17 IU	
53494-70-5	-----Endrin ketone	3.3IU	
7421-93-4	-----Endrin aldehyde	3.3IU	
5103-71-9	-----alpha-Chlordane	1.7IU	
5103-74-2	-----gamma-Chlordane	1.7IU	
8001-35-2	-----Toxaphene	170 IU	
12674-11-2	-----Aroclor-1016	33 IU	
11104-28-2	-----Aroclor-1221	67 IU	
11141-16-5	-----Aroclor-1232	33 IU	
53469-21-9	-----Aroclor-1242	33 IU	
12672-29-6	-----Aroclor-1248	33 IU	
11097-69-1	-----Aroclor-1254	33 IU	
11096-82-5	-----Aroclor-1260	33 IU	



Sample Name : PBLK03
 Lab Id : P0721-B3
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL038.RES
 Inject Time : 1710 25Jul1994
 Run Status : RunStatusOK

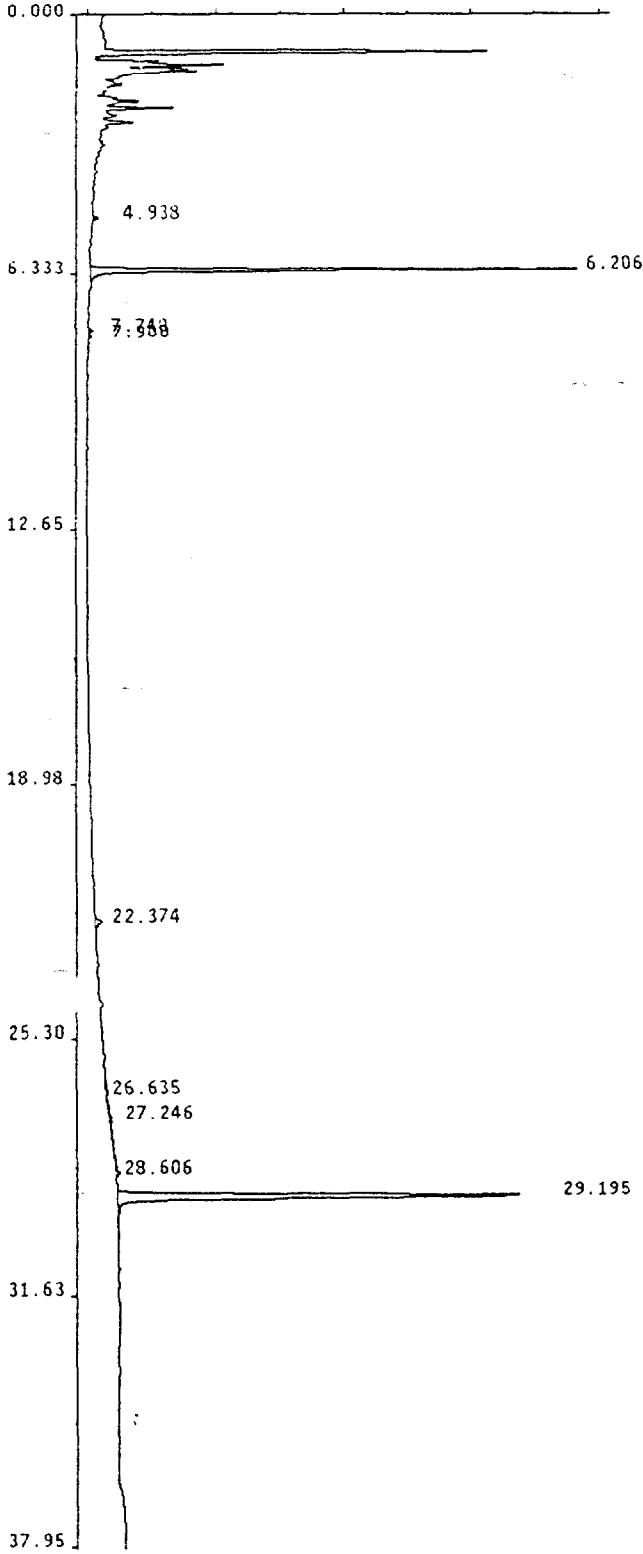
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	5.10	4178	BB	.001	
2	6.90	3908	BB	.001	
3	7.37	457331	BB	.044	TCX
4	8.94	4633	BB	.001	
5	12.69	2333	BB	.001	
6	19.65	6578	BB	.001	
7	24.37	11101	BB	.002	
8	31.75	2451	BB	.001	
9	32.93	8554	BB	.002	
10	33.70	442902	BB	.045	DCB
11	37.22	3243	BB	.001	

J. H. Hester

Total Area: 947211

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 2135 25Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : PBLK03
 Lab Id : P0721-83
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S8P24JUL038.RES
 Inject Time : 1710 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

PK #	RT	Area	Code	MASSng	Name
1	4.94	4965	PB	.001	
2	6.21	484386	BB	.042	TCX
3	7.74	4003	BB	.001	
4	7.90	2224	BB	.000	
5	22.37	14764	BB	.003	
6	26.63	4859	BB	.001	
7	27.25	5007	BB	.001	
8	28.61	9672	BB	.002	
9	29.19	606724	BB	.045	DCB

J
7/25/94

Total Area: 1136605

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 2139 25Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0A

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK0A

Sample wt/vol: 1000 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received:

Extraction: (SepF/Cont/Sonc)

Date Extracted:

Concentrated Extract Volume:

(uL)

Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH:

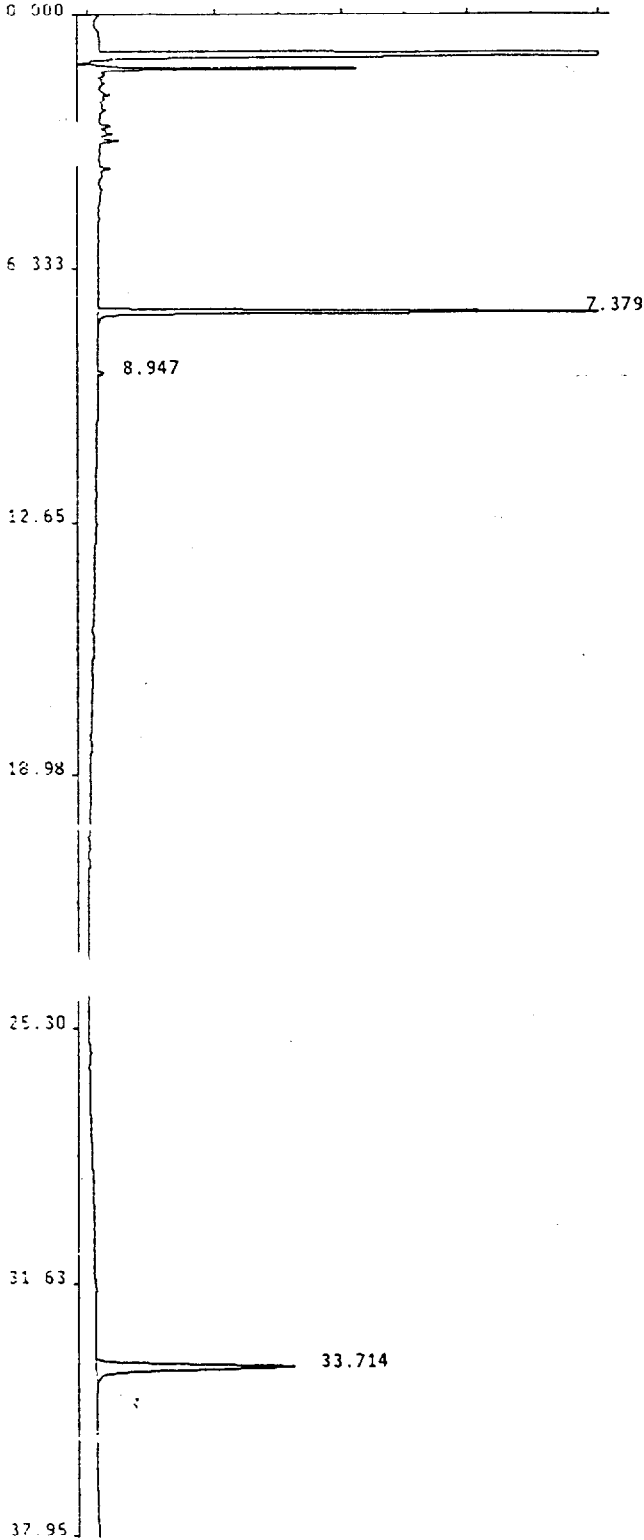
Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6-----	alpha-BHC_____	0.050IU	
319-85-7-----	beta-BHC_____	0.050IU	
319-86-8-----	delta-BHC_____	0.050IU	
58-89-9-----	gamma-BHC (Lindane)_____	0.050IU	
76-44-8-----	Heptachlor_____	0.050IU	
309-00-2-----	Aldrin_____	0.050IU	
1024-57-3-----	Heptachlor epoxide_____	0.050IU	
959-98-8-----	Endosulfan I_____	0.050IU	
60-57-1-----	Dieldrin_____	0.10IU	
72-55-9-----	4,4'-DDE_____	0.10IU	
72-20-8-----	Endrin_____	0.10IU	
33213-65-9-----	Endosulfan II_____	0.10IU	
72-54-8-----	4,4'-DDD_____	0.10IU	
1031-07-8-----	Endosulfan sulfate_____	0.10IU	
50-29-3-----	4,4'-DDT_____	0.10IU	
72-43-5-----	Methoxychlor_____	0.50IU	
53494-70-5-----	Endrin ketone_____	0.10IU	
7421-93-4-----	Endrin aldehyde_____	0.10IU	
5103-71-9-----	alpha-Chlordane_____	0.050IU	
5103-74-2-----	gamma-Chlordane_____	0.050IU	
8001-35-2-----	Toxaphene_____	5.0IU	
12674-11-2-----	Aroclor-1016_____	1.0IU	
11104-28-2-----	Aroclor-1221_____	2.0IU	
11141-16-5-----	Aroclor-1232_____	1.0IU	
53469-21-9-----	Aroclor-1242_____	1.0IU	
12672-29-6-----	Aroclor-1248_____	1.0IU	
11097-69-1-----	Aroclor-1254_____	1.0IU	
11096-82-5-----	Aroclor-1260_____	1.0IU	

Ceimic Corporation Pest/PCB Report



Sample Name : PIBLK0A
 Lab Id : PIBLK0A ,I
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/M9P21JUL020.RES
 Inject Time : 0207 22Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

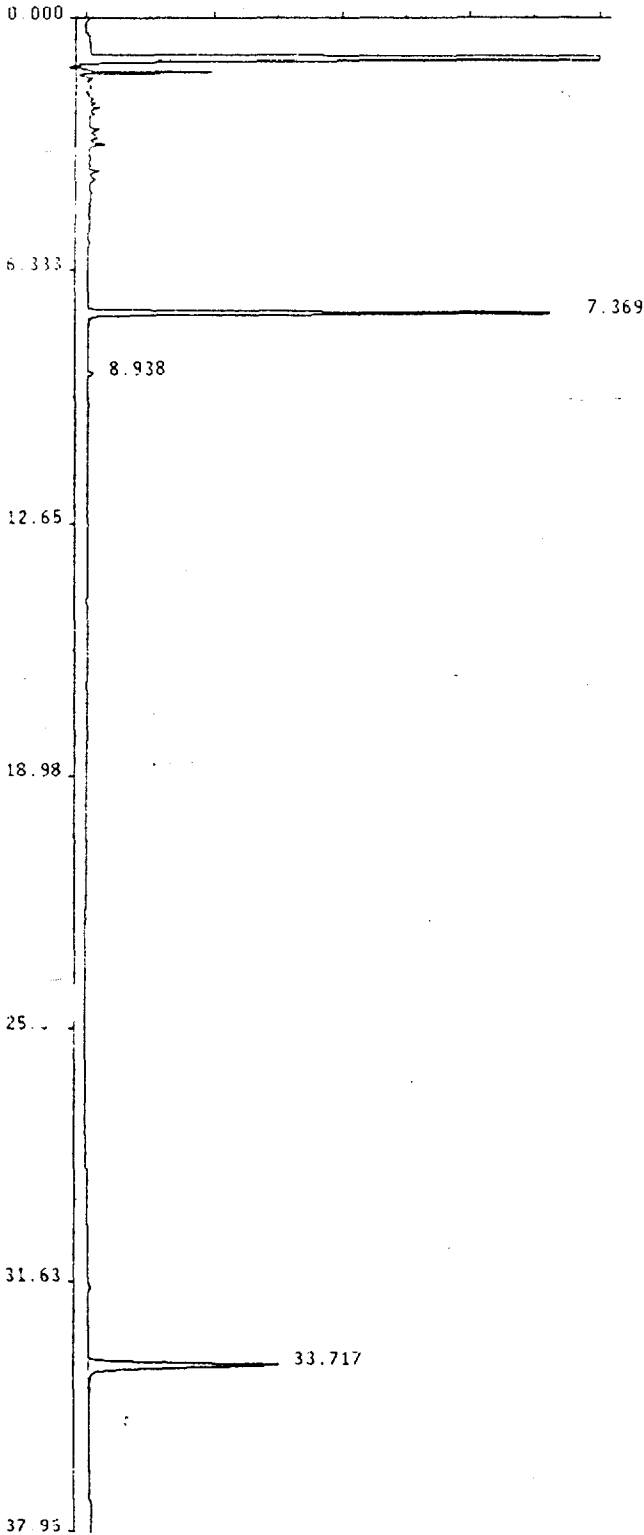
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	7.38	233441	BB	.022	YCx
2	8.95	2759	BB	.001	
3	33.71	209347	BB	.021	DCB

Handwritten signature and date: 7/25/94

Total Area: 445547

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1344 22Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK08
 Lab Id : PIBLK08
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL001.RES
 Inject Time : 1348 24Jul1994
 Run Status : RunStatusOK

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	7.37	233964	BB	.022	TCX
2	8.94	3033	BB	.001	
3	33.72	194905	BB	.020	DCB

J. J. [Signature]
 7/25/94

Total Area: 431902

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1637 25Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P1BLK0C

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) WATER

Lab Sample ID: P1BLK0C

Sample wt/vol: 1000 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received:

Extraction: (SepF/Cont/Sonc)

Date Extracted:

Concentrated Extract Volume:

(uL)

Date Analyzed: 07/24/94

Injection Volume: 1.00 (uL)

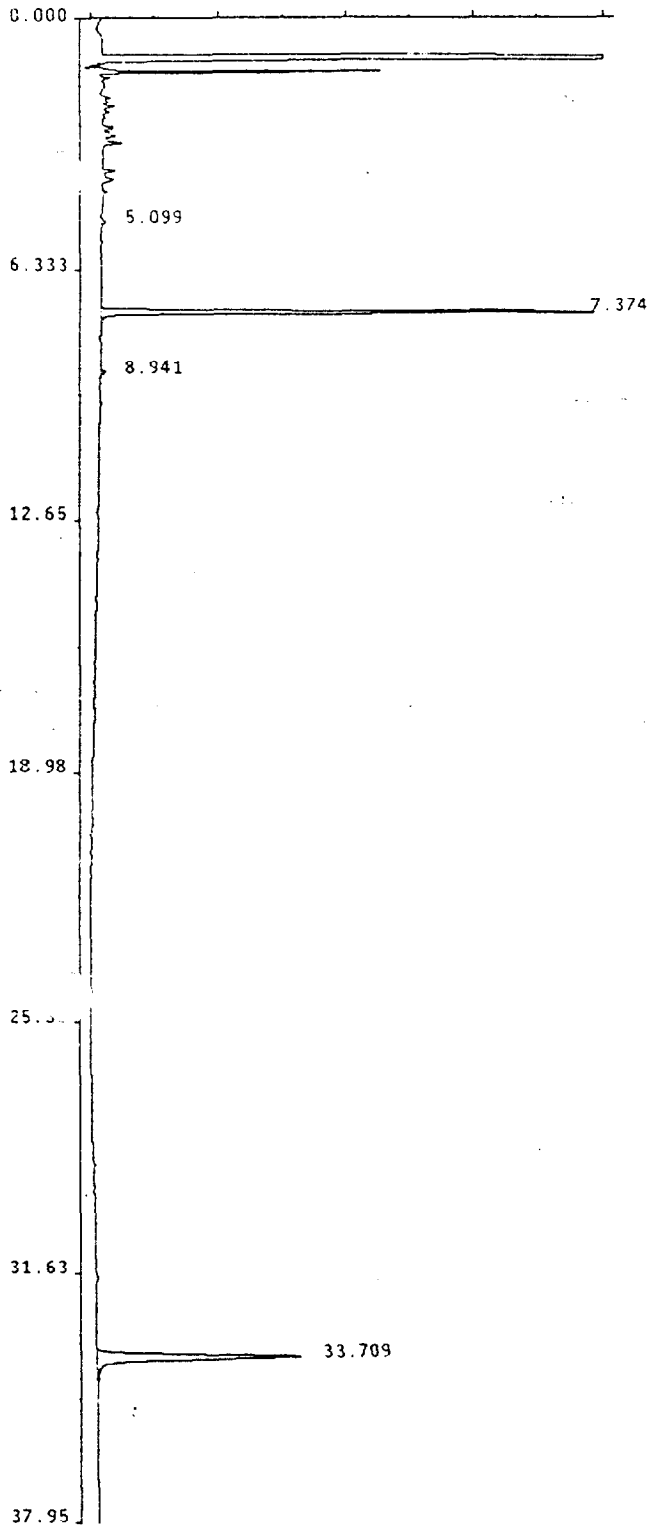
Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050IU	
319-85-7	beta-BHC	0.050IU	
319-86-8	delta-BHC	0.050IU	
58-89-9	gamma-BHC (Lindane)	0.050IU	
76-44-8	Heptachlor	0.050IU	
309-00-2	Aldrin	0.050IU	
1024-57-3	Heptachlor epoxide	0.050IU	
959-98-8	Endosulfan I	0.050IU	
60-57-1	Dieldrin	0.10IU	
72-55-9	4,4'-DDE	0.10IU	
72-20-8	Endrin	0.10IU	
33213-65-9	Endosulfan II	0.10IU	
72-54-8	4,4'-DDD	0.10IU	
1031-07-8	Endosulfan sulfate	0.10IU	
50-29-3	4,4'-DDT	0.10IU	
72-43-5	Methoxychlor	0.50IU	
53494-70-5	Endrin ketone	0.10IU	
7421-93-4	Endrin aldehyde	0.10IU	
5103-71-9	alpha-Chlordane	0.050IU	
5103-74-2	gamma-Chlordane	0.050IU	
8001-35-2	Toxaphene	5.0IU	
12674-11-2	Aroclor-1016	1.0IU	
11104-28-2	Aroclor-1221	2.0IU	
11141-16-5	Aroclor-1232	1.0IU	
53469-21-9	Aroclor-1242	1.0IU	
12672-29-6	Aroclor-1248	1.0IU	
11097-69-1	Aroclor-1254	1.0IU	
11096-82-5	Aroclor-1260	1.0IU	



Sample Name : PIBLK0C
 Lab Id : PIBLK0C
 Inst Id & Col : A09_1, D8608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL013.RES
 Inject Time : 2243 24Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

J
7/25/94

Pk #	RT	Area	Code	MASSng	Name
1	5.10	2366	BB	.001	
2	7.37	243638	BB	.023	TCX
3	8.94	2864	BB	.001	
4	33.71	225619	BB	.023	DCB

Total Area: 474487

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1654 25Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0D

Lab Name: CEIMIC CORP

Contract: OHM

L Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK0D

Sample wt/vol: 1000 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received:

Extraction: (SepF/Cont/Sonc)

Date Extracted:

Concentrated Extract Volume:

(uL)

Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

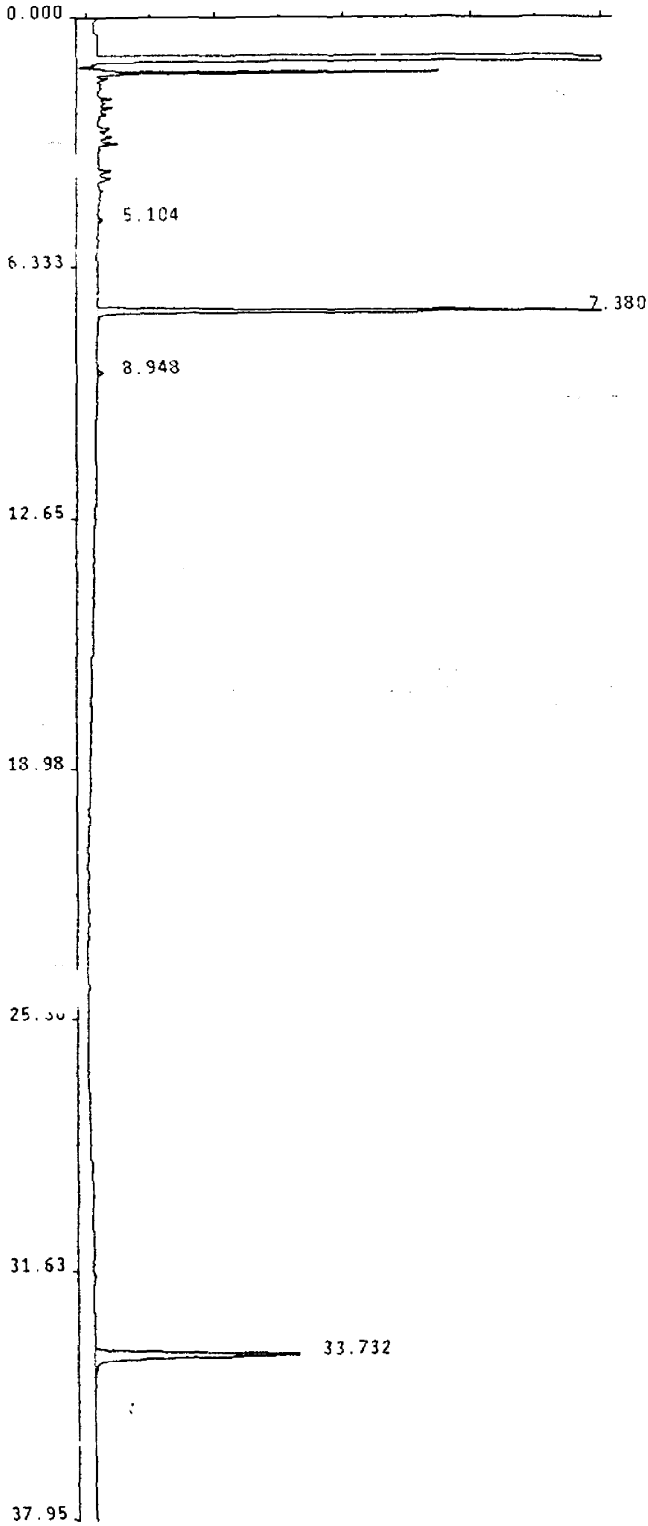
CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

319-84-6	alpha-BHC	0.050IU
319-85-7	beta-BHC	0.050IU
319-86-8	delta-BHC	0.050IU
58-89-9	gamma-BHC (Lindane)	0.050IU
76-44-8	Heptachlor	0.050IU
309-00-2	Aldrin	0.050IU
1024-57-3	Heptachlor epoxide	0.050IU
959-98-8	Endosulfan I	0.050IU
60-57-1	Dieldrin	0.10IU
72-55-9	4,4'-DDE	0.10IU
72-20-8	Endrin	0.10IU
33213-65-9	Endosulfan II	0.10IU
72-54-8	4,4'-DDD	0.10IU
1031-07-8	Endosulfan sulfate	0.10IU
50-29-3	4,4'-DDT	0.10IU
72-43-5	Methoxychlor	0.50IU
53494-70-5	Endrin ketone	0.10IU
7421-93-4	Endrin aldehyde	0.10IU
5103-71-9	alpha-Chlordane	0.050IU
5103-74-2	gamma-Chlordane	0.050IU
8001-35-2	Toxaphene	5.0IU
12674-11-2	Aroclor-1016	1.0IU
11104-28-2	Aroclor-1221	2.0IU
11141-16-5	Aroclor-1232	1.0IU
53469-21-9	Aroclor-1242	1.0IU
12672-29-6	Aroclor-1248	1.0IU
11097-69-1	Aroclor-1254	1.0IU
11096-82-5	Aroclor-1260	1.0IU



Geimic Corporation Pest/PCB Report

Sample Name : PIBLK0D
 Lab Id : PIBLK0D
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL027.RES
 Inject Time : 0903 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

J3
7/25/94

Pk #	RT	Area	Code	MASSng	Name
1	5.10	2524	BB	.001	
2	7.38	225385	BB	.022	TCX
3	8.95	3106	BB	.001	
4	33.73	214655	BB	.022	DCB

Total Area: 445671

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1732 25Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0E

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK0E

Sample wt/vol: 1000 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received:

Extraction: (SepF/Cont/Sonc)

Date Extracted:

Concentrated Extract Volume:

(uL)

Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050IU	
319-85-7	beta-BHC	0.050IU	
319-86-8	delta-BHC	0.050IU	
58-89-9	gamma-BHC (Lindane)	0.050IU	
76-44-8	Heptachlor	0.050IU	
309-00-2	Aldrin	0.050IU	
1024-57-3	Heptachlor epoxide	0.050IU	
959-98-8	Endosulfan I	0.050IU	
60-57-1	Dieldrin	0.10IU	
72-55-9	4,4'-DDE	0.10IU	
72-20-8	Endrin	0.10IU	
33213-65-9	Endosulfan II	0.10IU	
72-54-8	4,4'-DDD	0.10IU	
1031-07-8	Endosulfan sulfate	0.10IU	
50-29-3	4,4'-DDT	0.10IU	
72-43-5	Methoxychlor	0.50IU	
53494-70-5	Endrin ketone	0.10IU	
7421-93-4	Endrin aldehyde	0.10IU	
5103-71-9	alpha-Chlordane	0.050IU	
5103-74-2	gamma-Chlordane	0.050IU	
8001-35-2	Toxaphene	5.0IU	
12674-11-2	Aroclor-1016	1.0IU	
11104-28-2	Aroclor-1221	2.0IU	
11141-16-5	Aroclor-1232	1.0IU	
53469-21-9	Aroclor-1242	1.0IU	
12672-29-6	Aroclor-1248	1.0IU	
11097-69-1	Aroclor-1254	1.0IU	
11096-82-5	Aroclor-1260	1.0IU	

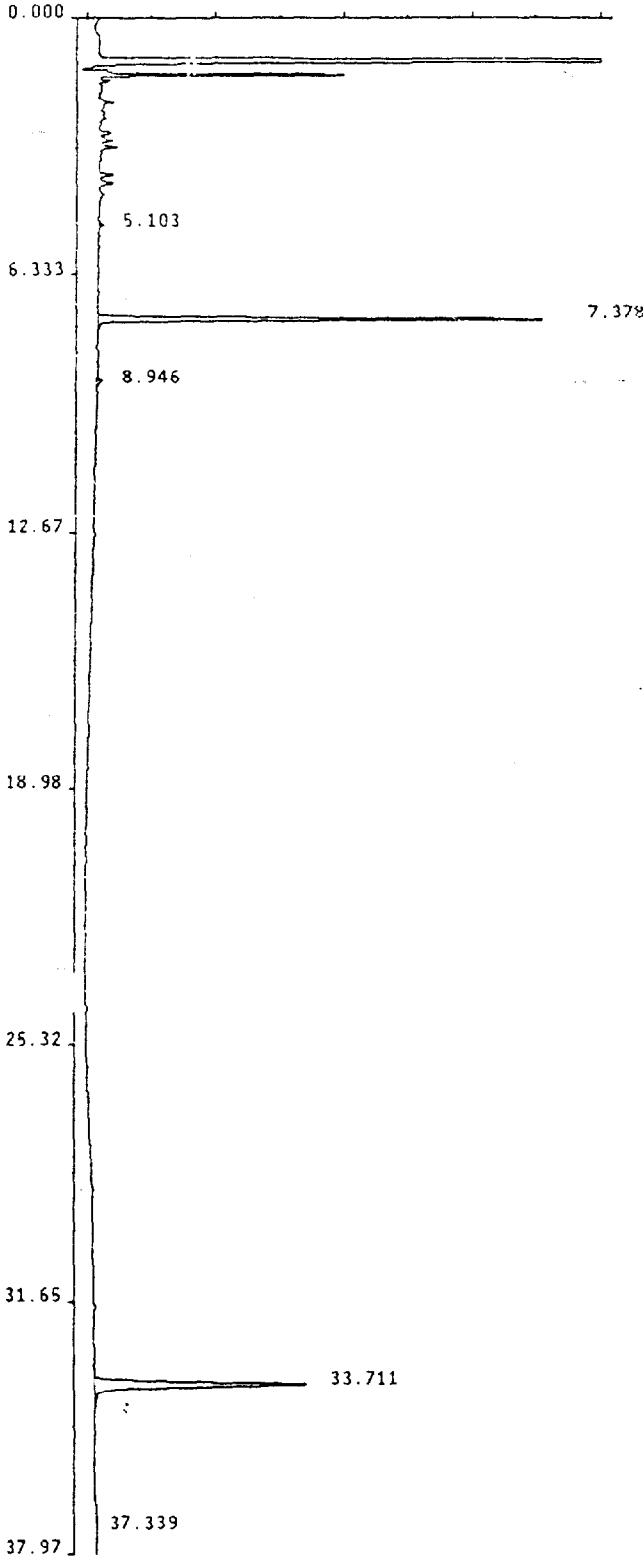
Sample Name : PIBLKOE
 Lab Id : PIBLKOE
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JUL039.RES
 Inject Time : 1755 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	5.10	2427	BB	.001	
2	7.38	248406	BB	.024	TCX
3	8.95	3346	BB	.001	
4	33.71	234970	BB	.024	DCB
5	37.34	5367	BB	.001	

Handwritten signature and date: 7/25/94

Total Area: 494516

Method File: /DATA/METHOD/INDAB09.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 2136 25Jul1994



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0F

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK0F

Sample wt/vol: 1000 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received:

Extraction: (SepF/Cont/Sonc)

Date Extracted:

Concentrated Extract Volume:

(uL)

Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL)

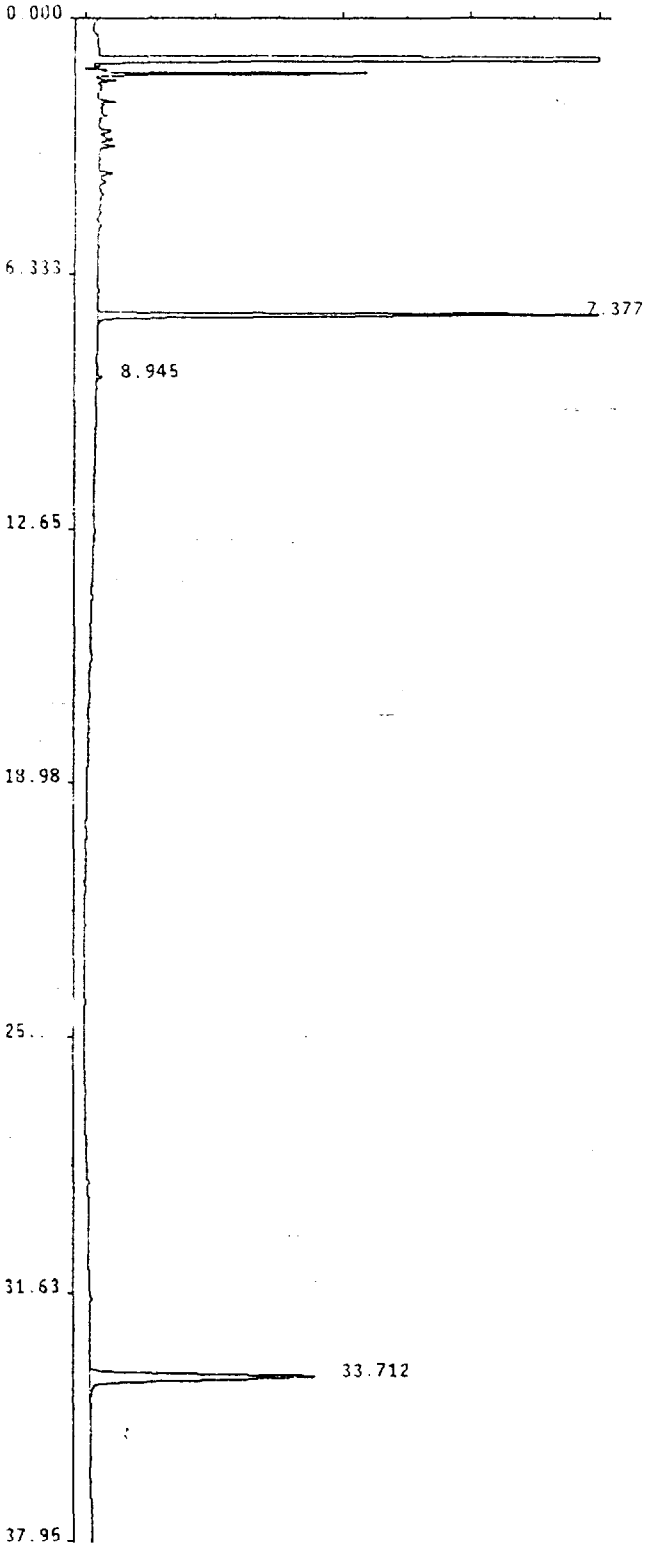
Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6-----	alpha-BHC	0.050IU	
319-85-7-----	beta-BHC	0.050IU	
319-86-8-----	delta-BHC	0.050IU	
58-89-9-----	gamma-BHC (Lindane)	0.050IU	
76-44-8-----	Heptachlor	0.050IU	
309-00-2-----	Aldrin	0.050IU	
1024-57-3-----	Heptachlor epoxide	0.050IU	
959-98-8-----	Endosulfan I	0.050IU	
60-57-1-----	Dieldrin	0.10IU	
72-55-9-----	4,4'-DDE	0.10IU	
72-20-8-----	Endrin	0.10IU	
33213-65-9-----	Endosulfan II	0.10IU	
72-54-8-----	4,4'-DDD	0.10IU	
1031-07-8-----	Endosulfan sulfate	0.10IU	
50-29-3-----	4,4'-DDT	0.10IU	
72-43-5-----	Methoxychlor	0.50IU	
53494-70-5-----	Endrin ketone	0.10IU	
7421-93-4-----	Endrin aldehyde	0.10IU	
5103-71-9-----	alpha-Chlordane	0.050IU	
5103-74-2-----	gamma-Chlordane	0.050IU	
8001-35-2-----	Toxaphene	5.0IU	
12674-11-2-----	Aroclor-1016	1.0IU	
11104-28-2-----	Aroclor-1221	2.0IU	
11141-16-5-----	Aroclor-1232	1.0IU	
53469-21-9-----	Aroclor-1242	1.0IU	
12672-29-6-----	Aroclor-1248	1.0IU	
11097-69-1-----	Aroclor-1254	1.0IU	
11096-82-5-----	Aroclor-1260	1.0IU	



Geimic Corporation Pest/PCB Report

Sample Name : PIBLKOF
 Lab Id : PIBLKOF
 Inst Id & Col : AD9_1, 08608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL053.RES
 Inject Time : 0416 26Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	7.38	232485	BB	.022	TCX
2	8.95	3502	BB	.001	
3	33.71	228140	BB	.023	DCB

SM
7/2/94

Total Area: 464128

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1145 26Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK06

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK06

Sample wt/vol: 1000 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received:

Extraction: (SepF/Cont/Sonc)

Date Extracted:

Concentrated Extract Volume: (uL)

Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

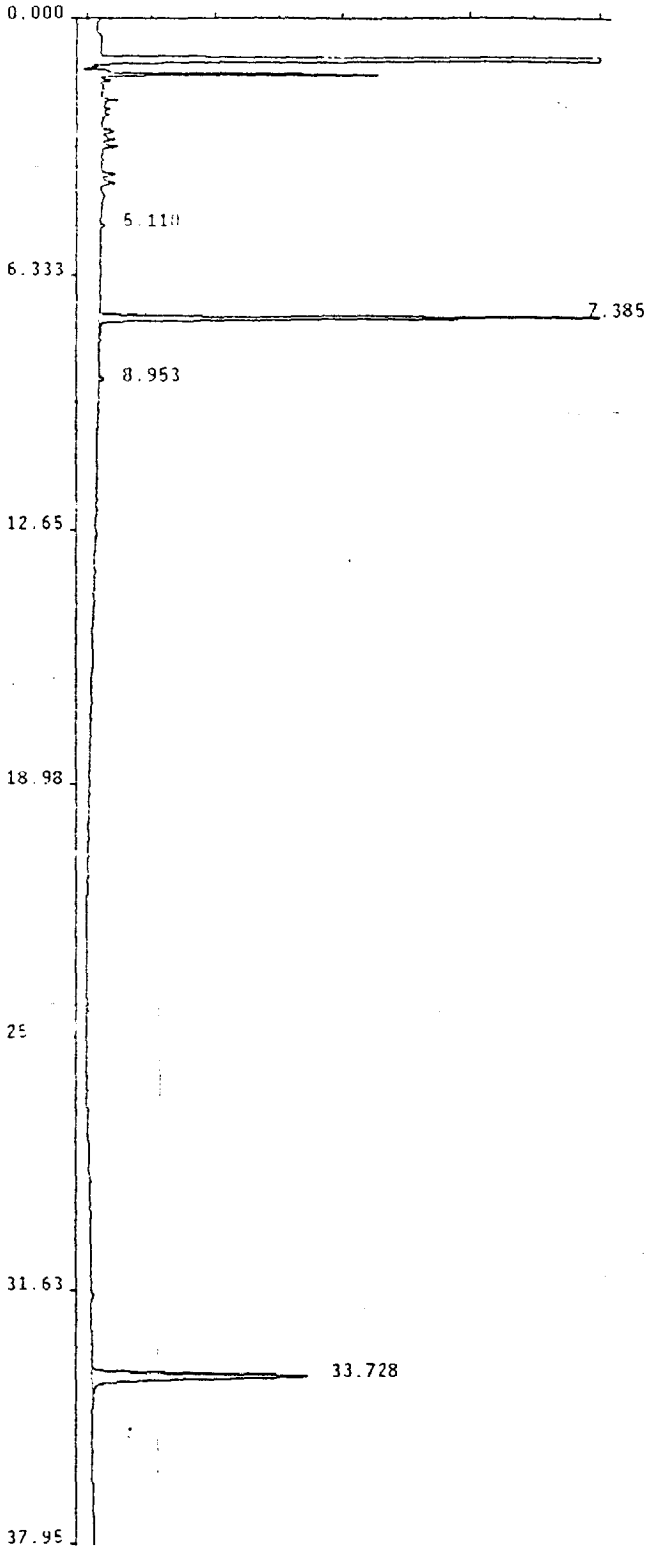
GPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q
319-84-6	alpha-BHC	0.050IU
319-85-7	beta-BHC	0.050IU
319-86-8	delta-BHC	0.050IU
58-89-9	gamma-BHC (Lindane)	0.050IU
76-44-8	Heptachlor	0.050IU
309-00-2	Aldrin	0.050IU
1024-57-3	Heptachlor epoxide	0.050IU
959-98-8	Endosulfan I	0.050IU
60-57-1	Dieldrin	0.10IU
72-55-9	4,4'-DDE	0.10IU
72-20-8	Endrin	0.10IU
33213-65-9	Endosulfan II	0.10IU
72-54-8	4,4'-DDD	0.10IU
1031-07-8	Endosulfan sulfate	0.10IU
50-29-3	4,4'-DDT	0.10IU
72-43-5	Methoxychlor	0.50IU
53494-70-5	Endrin ketone	0.10IU
7421-93-4	Endrin aldehyde	0.10IU
5103-71-9	alpha-Chlordane	0.050IU
5103-74-2	gamma-Chlordane	0.050IU
8001-35-2	Toxaphene	5.0IU
12674-11-2	Aroclor-1016	1.0IU
11104-28-2	Aroclor-1221	2.0IU
11141-16-5	Aroclor-1232	1.0IU
53469-21-9	Aroclor-1242	1.0IU
12672-29-6	Aroclor-1248	1.0IU
11097-69-1	Aroclor-1254	1.0IU
11096-82-5	Aroclor-1260	1.0IU



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLKOG
 Lab Id : PIBLKOG
 Inst Id & Col : AD9_1, D8608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JUL060.RES
 Inject Time : 0926 26Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	5.11	2481	BB	-.001	
2	7.38	248151	BB	.024	TCX
3	8.95	3356	BB	.001	
4	33.73	241054	BB	.025	DCB

SM
7/26/94

Total Area: 495042

Method File: /DATA/METHOD/INDA809.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1203 26Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: CEIMIC CORP

Contract: OHM

PIBLK1A

b Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK1A

Sample wt/vol: 1000 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received:

Extraction: (SepF/Cont/Sonc)

Date Extracted:

Concentrated Extract Volume:

(uL)

Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

319-84-6	alpha-BHC	0.050IU	
319-85-7	beta-BHC	0.050IU	
319-86-8	delta-BHC	0.050IU	
58-89-9	gamma-BHC (Lindane)	0.050IU	
76-44-8	Heptachlor	0.050IU	
309-00-2	Aldrin	0.050IU	
1024-57-3	Heptachlor epoxide	0.050IU	
959-98-8	Endosulfan I	0.050IU	
60-57-1	Dieldrin	0.10IU	
72-55-9	4,4'-DDE	0.10IU	
72-20-8	Endrin	0.10IU	
33213-65-9	Endosulfan II	0.10IU	
72-54-8	4,4'-DDD	0.10IU	
1031-07-8	Endosulfan sulfate	0.10IU	
50-29-3	4,4'-DDT	0.10IU	
72-43-5	Methoxychlor	0.50IU	
53494-70-5	Endrin ketone	0.10IU	
7421-93-4	Endrin aldehyde	0.10IU	
5103-71-9	alpha-Chlordane	0.050IU	
5103-74-2	gamma-Chlordane	0.050IU	
8001-35-2	Toxaphene	5.0IU	
12674-11-2	Aroclor-1016	1.0IU	
11104-28-2	Aroclor-1221	2.0IU	
11141-16-5	Aroclor-1232	1.0IU	
53469-21-9	Aroclor-1242	1.0IU	
12672-29-6	Aroclor-1248	1.0IU	
11097-69-1	Aroclor-1254	1.0IU	
11096-82-5	Aroclor-1260	1.0IU	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1B

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK1B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received:

Extraction: (SepF/Cont/Sonc)

Date Extracted:

Concentrated Extract Volume:

(uL)

Date Analyzed: 07/24/94

Injection Volume: 1.00 (uL)

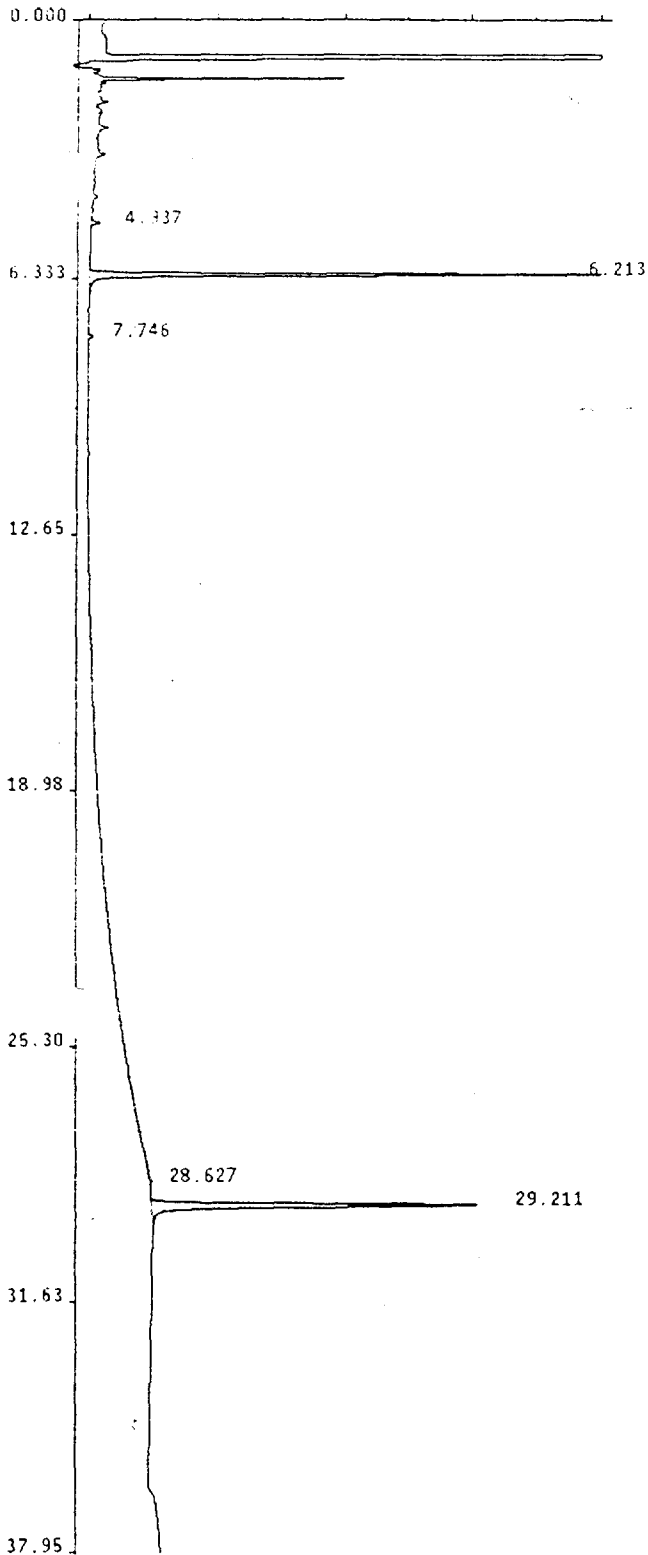
Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050IU	
319-85-7	beta-BHC	0.050IU	
319-86-8	delta-BHC	0.050IU	
58-89-9	gamma-BHC (Lindane)	0.050IU	
76-44-8	Heptachlor	0.050IU	
309-00-2	Aldrin	0.050IU	
1024-57-3	Heptachlor epoxide	0.050IU	
959-98-8	Endosulfan I	0.050IU	
60-57-1	Dieldrin	0.10IU	
72-55-9	4,4'-DDE	0.10IU	
72-20-8	Endrin	0.10IU	
33213-65-9	Endosulfan II	0.10IU	
72-54-8	4,4'-DDD	0.10IU	
1031-07-8	Endosulfan sulfate	0.10IU	
50-29-3	4,4'-DDT	0.10IU	
72-43-5	Methoxychlor	0.50IU	
53494-70-5	Endrin ketone	0.10IU	
7421-93-4	Endrin aldehyde	0.10IU	
5103-71-9	alpha-Chlordane	0.050IU	
5103-74-2	gamma-Chlordane	0.050IU	
8001-35-2	Toxaphene	5.0IU	
12674-11-2	Aroclor-1016	1.0IU	
11104-28-2	Aroclor-1221	2.0IU	
11141-16-5	Aroclor-1232	1.0IU	
53469-21-9	Aroclor-1242	1.0IU	
12672-29-6	Aroclor-1248	1.0IU	
11097-69-1	Aroclor-1254	1.0IU	
11096-82-5	Aroclor-1260	1.0IU	



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK1B
 Lab Id : PIBLK1B
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL001.RES
 Inject Time : 1348 24Ju11994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	4.94	6039	VB	.001	
2	6.21	274384	BB	.024	TCX
3	7.75	3004	BB	.001	
4	28.63	2871	BB	.001	
5	29.21	297143	BB	.022	DCB

J
7/25/94

Total Area: 583440

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1645 25Ju11994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1C

Lab Name: CEIMIC CORP

Contract: OHM

Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK1C

Sample wt/vol: 1000 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received:

Extraction: (SepF/Cont/Sonc)

Date Extracted:

Concentrated Extract Volume:

(uL)

Date Analyzed: 07/24/94

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

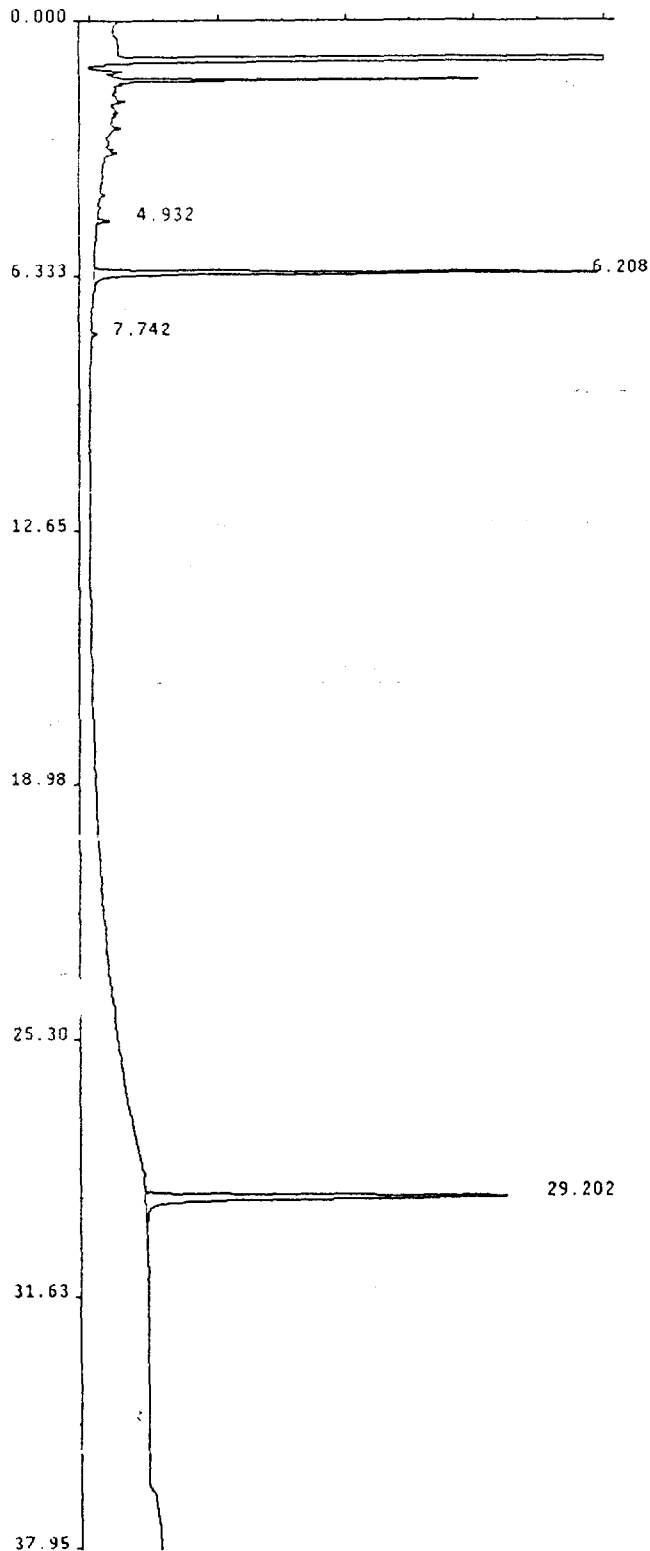
pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.0501U	
319-85-7	beta-BHC	0.0501U	
319-86-8	delta-BHC	0.0501U	
58-89-9	gamma-BHC (Lindane)	0.0501U	
76-44-8	Heptachlor	0.0501U	
309-00-2	Aldrin	0.0501U	
1024-57-3	Heptachlor epoxide	0.0501U	
959-98-8	Endosulfan I	0.0501U	
60-57-1	Dieldrin	0.101U	
72-55-9	4,4'-DDE	0.101U	
72-20-8	Endrin	0.101U	
33213-65-9	Endosulfan II	0.101U	
72-54-8	4,4'-DDD	0.101U	
1031-07-8	Endosulfan sulfate	0.101U	
50-29-3	4,4'-DDT	0.101U	
72-43-5	Methoxychlor	0.501U	
53494-70-5	Endrin ketone	0.101U	
7421-93-4	Endrin aldehyde	0.101U	
5103-71-9	alpha-Chlordane	0.0501U	
5103-74-2	gamma-Chlordane	0.0501U	
8001-35-2	Toxaphene	5.01U	
12674-11-2	Aroclor-1016	1.01U	
11104-28-2	Aroclor-1221	2.01U	
11141-16-5	Aroclor-1232	1.01U	
53469-21-9	Aroclor-1242	1.01U	
12672-29-6	Aroclor-1248	1.01U	
11097-69-1	Aroclor-1254	1.01U	
11096-82-5	Aroclor-1260	1.01U	

251



Ceimic Corporation Pest/PCB Report

Sample Name : PI8LK1C
 Lab Id : PI8LK1C
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL013.RES
 Inject Time : 2243 24Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

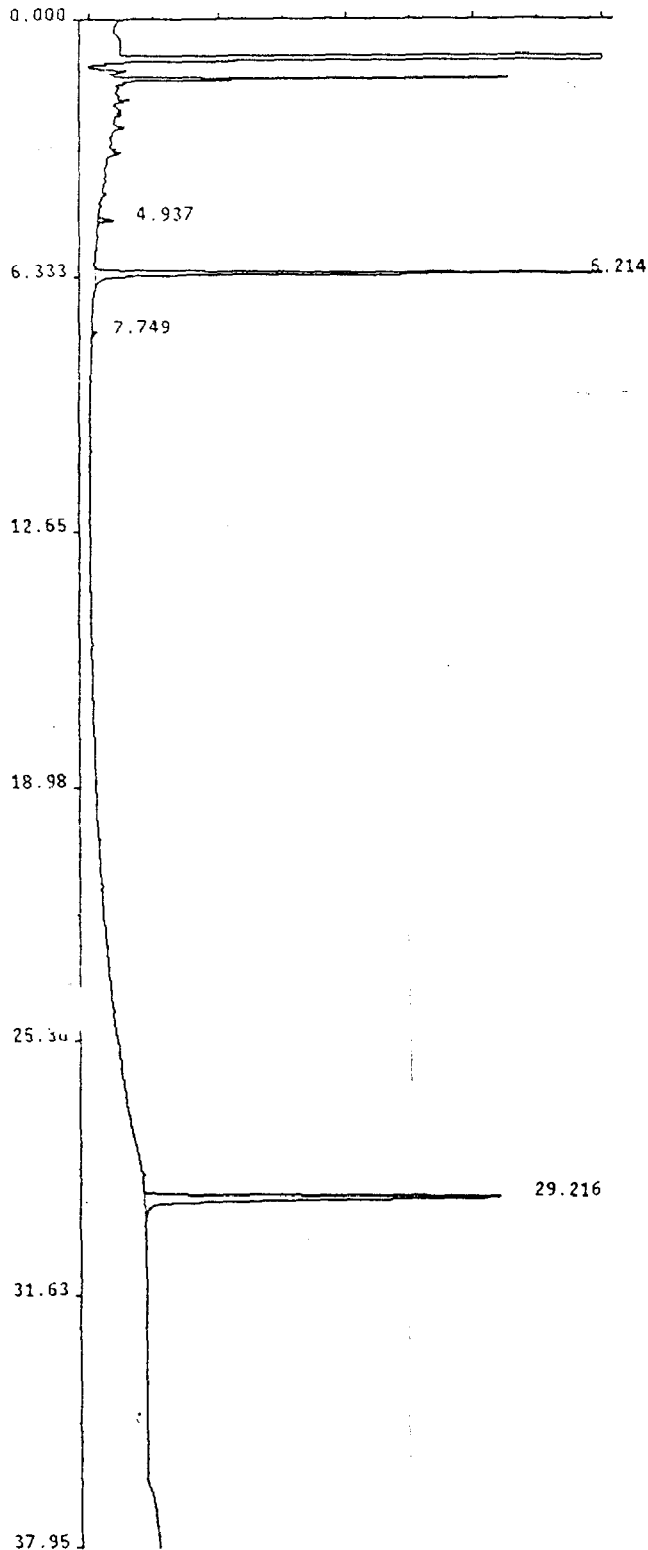
Multilevel : False
 Application : L66p
 Quantitation: AreaUnits

*J
2/2/11*

Pk #	RT	Area	Code	MASSng	Name
1	4.93	7332	V8	.002	
2	6.21	265540	BB	.023	TCX
3	7.74	2790	BB	.001	
4	29.20	312608	BB	.023	DCB

Total Area: 588271

Method File: /DATA/METHOD/INDAB08.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1713 25Jul1994



Sample Name : PIBLK1D
 Lab Id : PIBLK1D
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S8P24JUL027.RES
 Inject Time : 0903 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.94	8262	V8	.002	
2	6.21	244094	88	.021	TCX
3	7.75	2475	88	.001	
4	29.22	285112	88	.021	DCB

J. [Signature]
 7/25/94

Total Area: 539943

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1748 25Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1F

Lab Name: CEIMIC CORP

Contract: OHM

L.O Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK1F

Sample wt/vol: 1000 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received:

Extraction: (SepF/Cont/Sonc)

Date Extracted:

Concentrated Extract Volume:

(uL)

Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

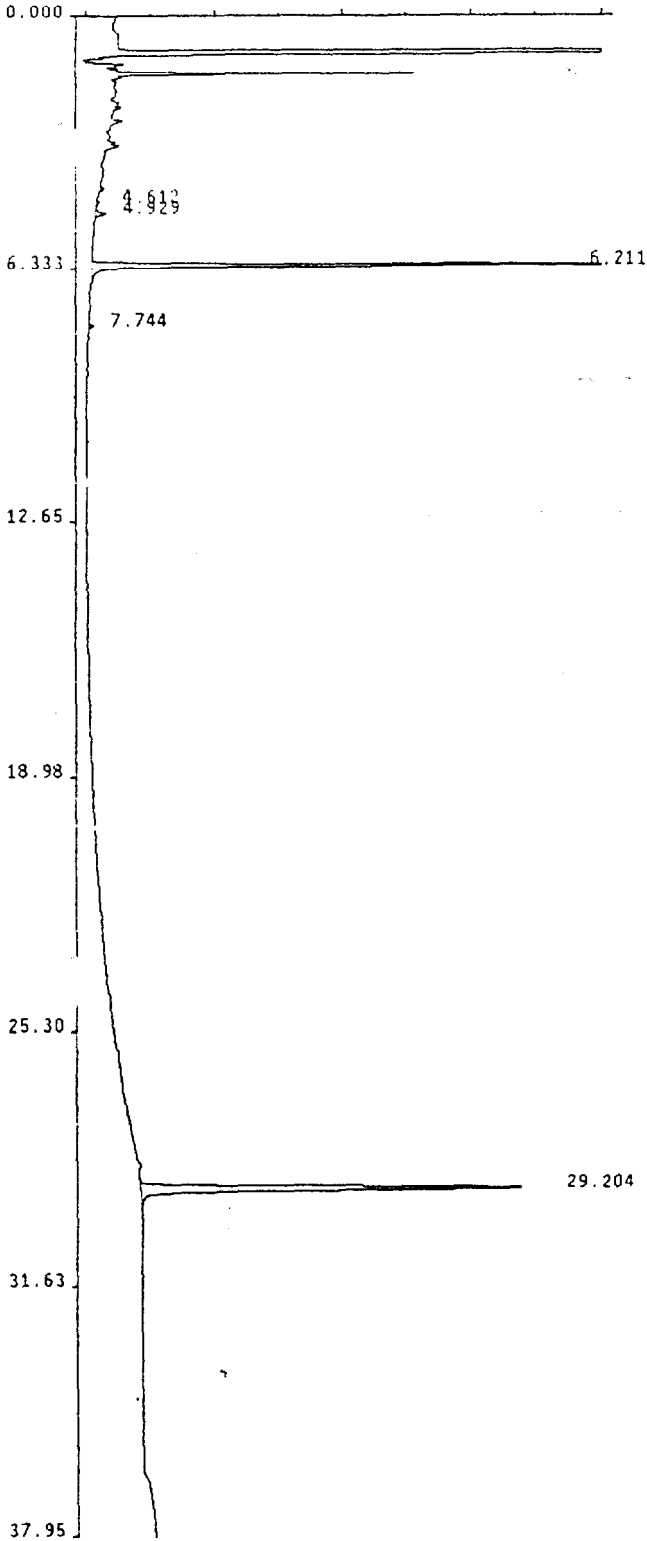
CAS NO.

COMPOUND

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050IU	
319-85-7	beta-BHC	0.050IU	
319-86-8	delta-BHC	0.050IU	
58-89-9	gamma-BHC (Lindane)	0.050IU	
76-44-8	Heptachlor	0.050IU	
309-00-2	Aldrin	0.050IU	
1024-57-3	Heptachlor epoxide	0.050IU	
959-98-8	Endosulfan I	0.050IU	
60-57-1	Dieldrin	0.10IU	
72-55-9	4,4'-DDE	0.10IU	
72-20-8	Endrin	0.10IU	
33213-65-9	Endosulfan II	0.10IU	
72-54-8	4,4'-DDD	0.10IU	
1031-07-8	Endosulfan sulfate	0.10IU	
50-29-3	4,4'-DDT	0.10IU	
72-43-5	Methoxychlor	0.50IU	
53494-70-5	Endrin ketone	0.10IU	
7421-93-4	Endrin aldehyde	0.10IU	
5103-71-9	alpha-Chlordane	0.050IU	
5103-74-2	gamma-Chlordane	0.050IU	
8001-35-2	Toxaphene	5.0IU	
12674-11-2	Aroclor-1016	1.0IU	
11104-28-2	Aroclor-1221	2.0IU	
11141-16-5	Aroclor-1232	1.0IU	
53469-21-9	Aroclor-1242	1.0IU	
12672-29-6	Aroclor-1248	1.0IU	
11097-69-1	Aroclor-1254	1.0IU	
11096-82-5	Aroclor-1260	1.0IU	

257



Sample Name : PIBLK1F
 Lab Id : PIBLK1F
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL053.RES
 Inject Time : 0416 26Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

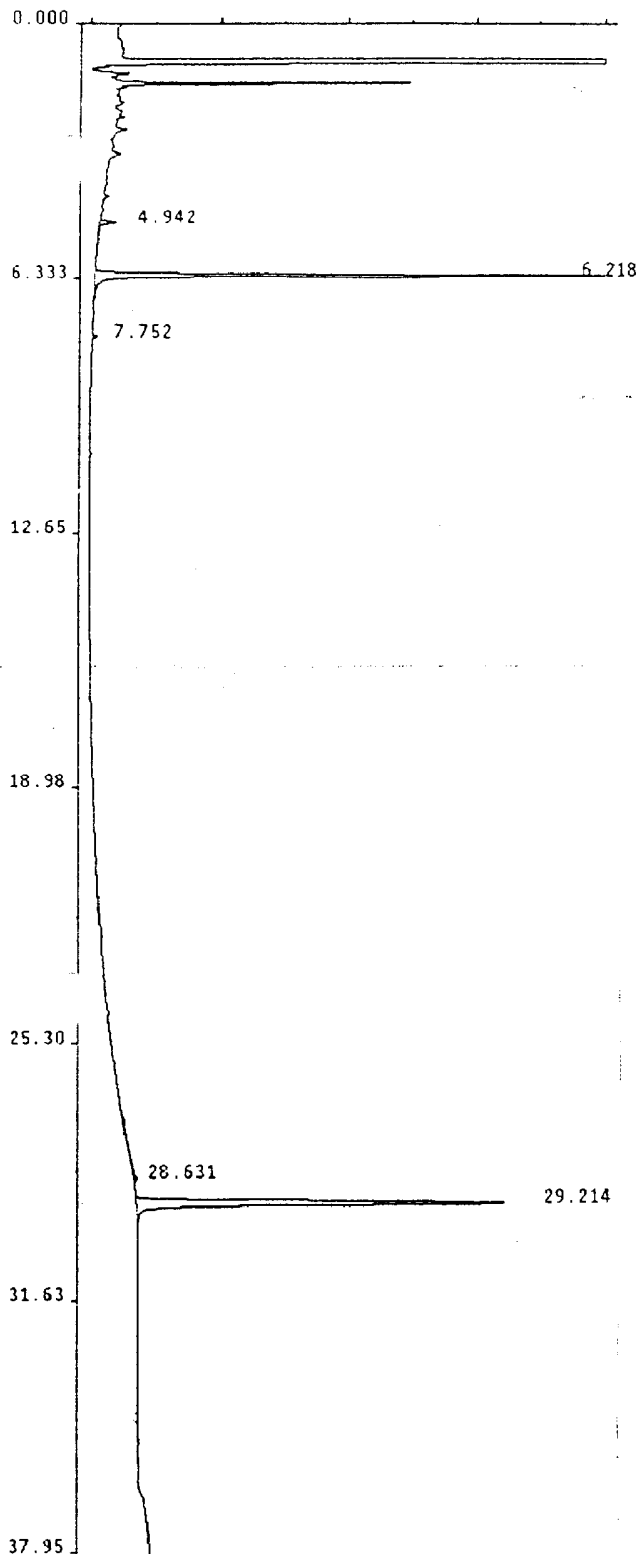
Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.61	2279	BV	.001	
2	4.93	5568	VB	.001	
3	6.21	248377	BB	.021	TCX
4	7.74	2458	BB	.001	
5	29.20	294598	BB	.022	DCB

GM
7/26/94

Total Area: 553280

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1146 26Jul1994



Ceimic Corporation Pest/PCB Report

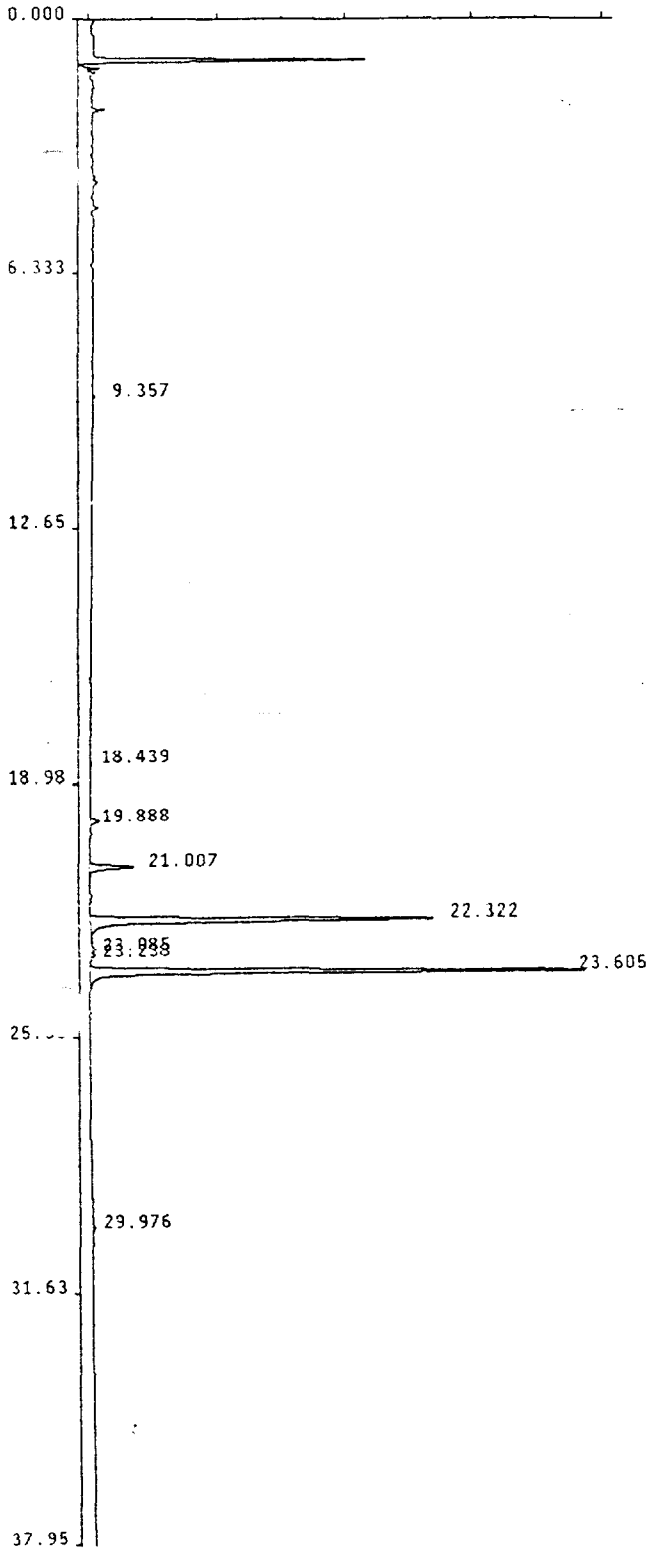
Sample Name : PIBLK1G
 Lab Id : PIBLK1G
 Inst Id & Col : AD8_1, D81701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S8P24JUL060.RES
 Inject Time : 0926 26Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.94	8422	VB	.002	
2	6.22	269905	BB	.023	TCX
3	7.75	2597	BB	.001	
4	28.63	10084	BB	.002	
5	29.21	315581	BB	.024	DCB

SM
7/26/94

Total Area: 606589

Method File: /DATA/METHOD/INDA808.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1202 26Jul1994



Chemical Corporation Pest/PCB Report

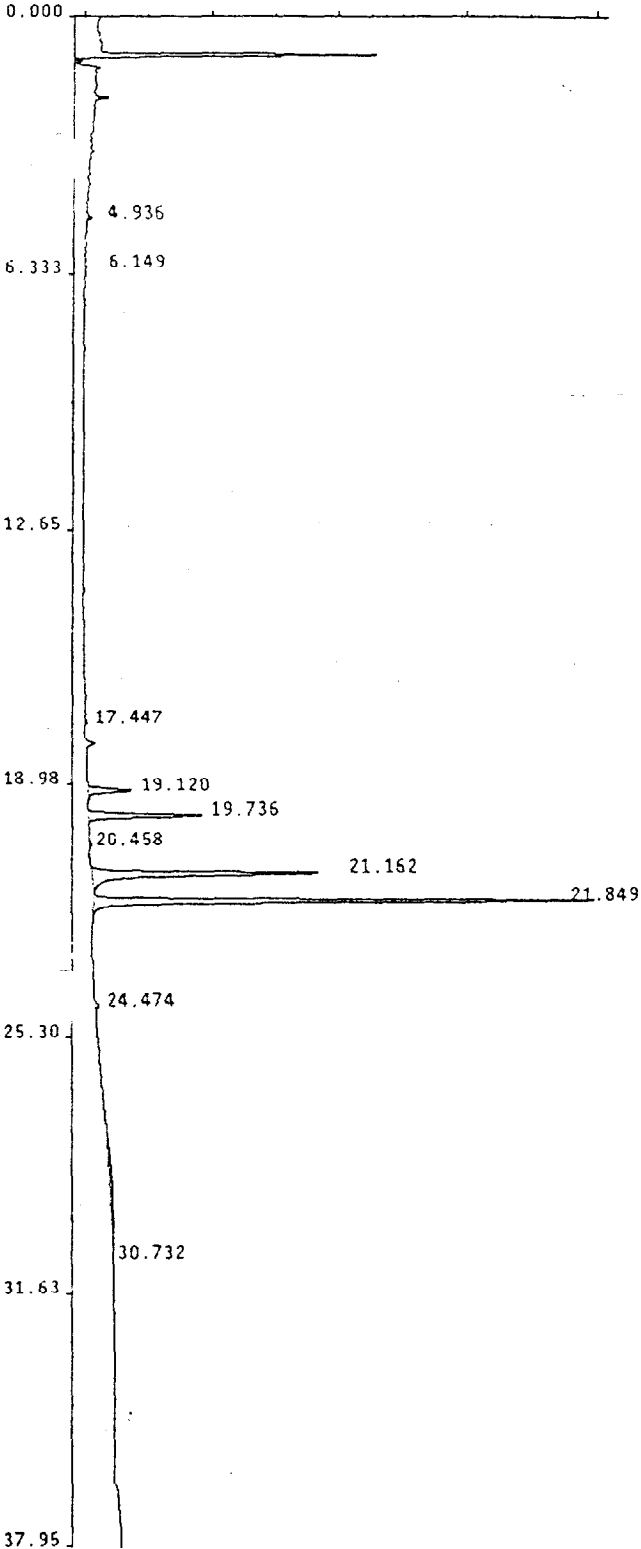
Sample Name : CLJ-CSS22(D)MS 2000X
 Lab Id : 940641-21MS
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JUL006.RES
 Inject Time : 1733 24Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

J 3/25/1994

PK #	RT	Area	Code	MASSng	Name
1	9.36	2521	BB	.001	
2	18.44	3091	BB	.001	
3	19.89	10917	BB	.001	4,4'-DDE <i>J 3/25/1994</i>
4	21.01	61547	BB	.014	
5	22.32	460888	BB	.389	4,4'-DDD
6	23.08	4087	BB	.001	
7	23.24	3436	BB	.001	
8	23.61	637812	BB	.104	4,4'-DDT
9	29.98	3210	BB	.001	

Total Area: 1187508

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1640 25Jul1994



Sample Name : CLJ-CSS22(D)MS 2000X
 Lab Id : 940641-21MS
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S8P24JUL006.RES
 Inject Time : 1733 24Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

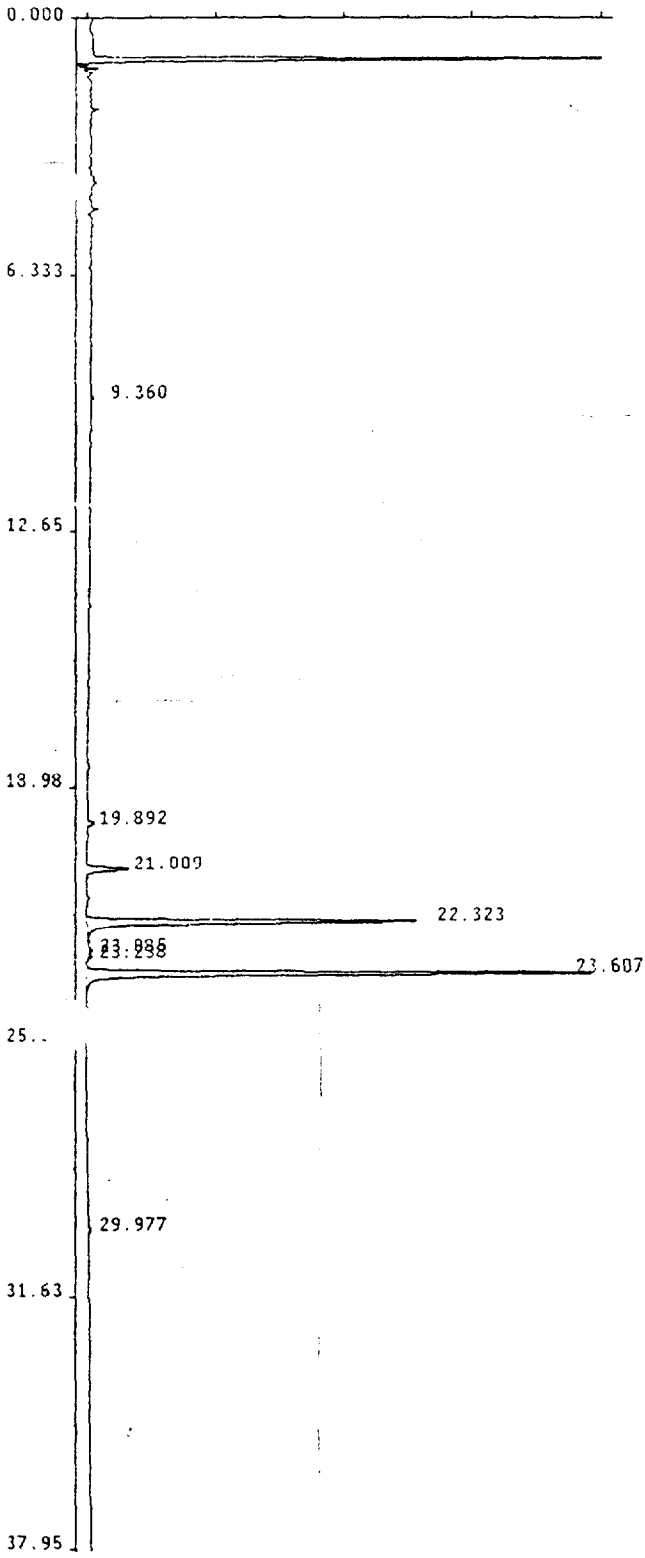
Handwritten signature
 7/25/95

PK #	RT	Area	Code	MASSng	Name
1	4.94	6526	VB	.001	
2	6.15	2103	BB	.000	
3	17.45	2398	BB	.000	A. CHLOROBANE
4	19.12	66519	BB	.015	
5	19.74	148924	BB	.033	
6	20.46	3436	BB	.001	
7	21.16	364632	BB	.065	4,4'-DDD
8	21.85	648249	BB	.109	4,4'-DDT
9	24.47	6316	BB	.001	
10	30.73	63562	BB	.014	

Handwritten signature
 7/25/95

Total Area: 1312665

Method File: /DATA/METHOD/INDA8Q8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1653 25Jul1994



Cemmic Corporation Pest/PCB Report

Sample Name : CLJ-CSS22(D)MSD 2000X
 Lab Id : 940641-21MSD
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JUL007.RES
 Inject Time : 1817 24Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

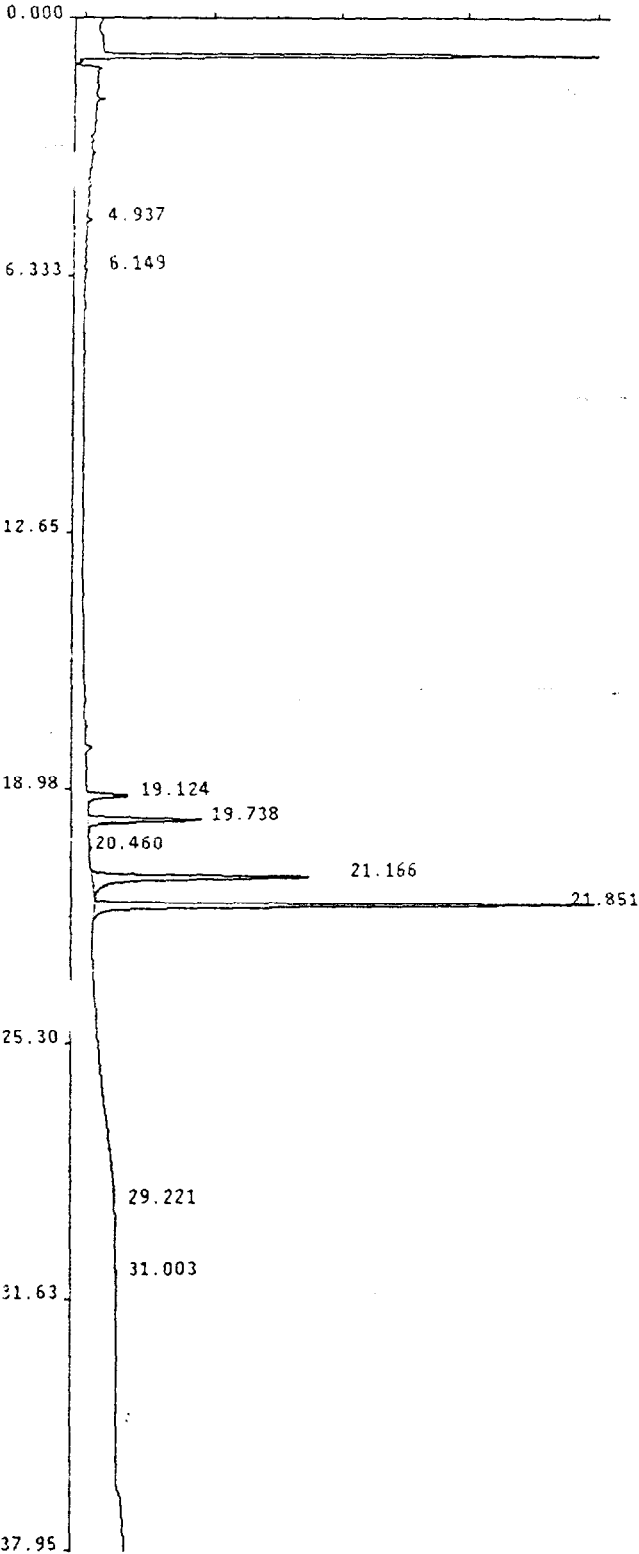
J 27/25/94

PK #	RT	Area	Code	MASSng	Name
1	9.36	2540	BB	.001	
2	19.89	7779	BB	.001	4,4'-DDE
3	21.01	52986	BB	.012	
4	22.32	410172	BB	.079	4,4'-DDD
5	23.09	3412	BB	.001	
6	23.24	3180	BB	.001	
7	23.61	583788	BB	.095	4,4'-DDT
8	29.98	2848	BB	.001	

J 27/25/94
 4,4'-DDD
 4,4'-DDT

Total Area: 1066703

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1641 25Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ-CSS22(D)MSD 2000X
 Lab Id : 940641-21MSD
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S8P24JUL007.RES
 Inject Time : 1817 24Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

[Handwritten signature]
 7/25/94
 Name

Pk #	RT	Area	Code	MASSng
1	4.94	6075	VB	.001
2	6.15	2173	BB	.000
3	19.12	57254	BB	.013
4	19.74	136354	BB	.030
5	20.46	2721	BB	.001
6	21.17	314513	BB	.056
7	21.85	581298	BB	.098
8	29.22	13243	BB	.001
9	31.00	2306	BB	.001

4,4'-DDD

4,4'-DDT

PCB *[Handwritten signature]* 7/25/94

Total Area: 1115938

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1655 25Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

<LJ2CSS32DMS

Lab Name: CEIMIC CORP

Contract: OHM

L Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-32MS

Sample wt/vol: 30.4 (g/mL) G

Lab File ID:

% Moisture: 5 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL)

Dilution Factor: 1000

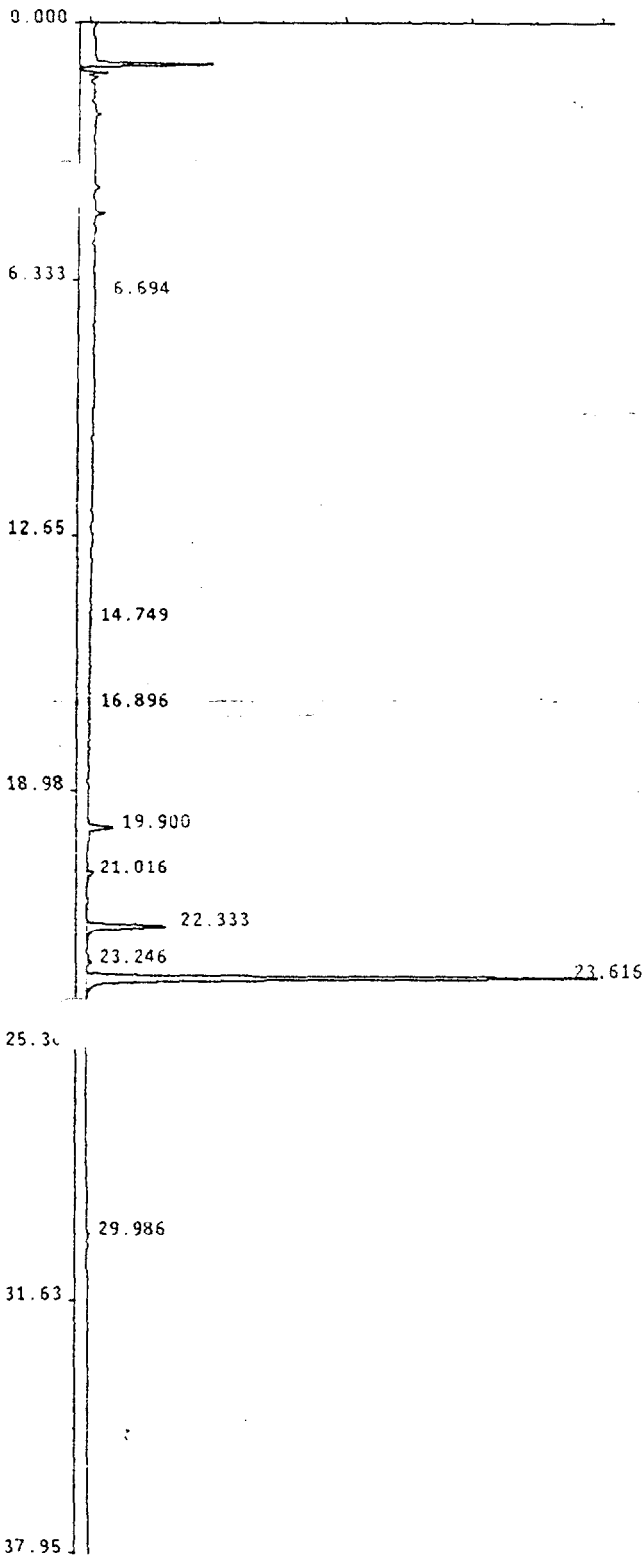
GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1800	IU
319-85-7	beta-BHC	1800	IU
319-86-8	delta-BHC	1800	IU
58-89-9	gamma-BHC (Lindane)	1800	IU
76-44-8	Heptachlor	1800	IU
309-00-2	Aldrin	1800	IU
1024-57-3	Heptachlor epoxide	1800	IU
959-98-8	Endosulfan I	1800	IU
60-57-1	Dieldrin	3400	IU
72-55-9	4,4'-DDE	1200	IJ
72-20-8	Endrin	3400	IU
33213-65-9	Endosulfan II	3400	IU
72-54-8	4,4'-DDD	4500	IP
1031-07-8	Endosulfan sulfate	3400	IU
50-29-3	4,4'-DDT	34000	I
72-43-5	Methoxychlor	18000	IU
53494-70-5	Endrin ketone	3400	IU
7421-93-4	Endrin aldehyde	3400	IU
5103-71-9	alpha-Chlordane	1800	IU
5103-74-2	gamma-Chlordane	1800	IU
8001-35-2	Toxaphene	180000	IU
12674-11-2	Aroclor-1016	34000	IU
11104-28-2	Aroclor-1221	70000	IU
11141-16-5	Aroclor-1232	34000	IU
53469-21-9	Aroclor-1242	34000	IU
12672-29-6	Aroclor-1248	34000	IU
11097-69-1	Aroclor-1254	34000	IU
11096-82-5	Aroclor-1260	34000	IU



Geimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS32(D)MS 500X
 Lab Id : 940641-32MS
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL MultiLevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JUL022.RES
 Inject Time : 0522 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

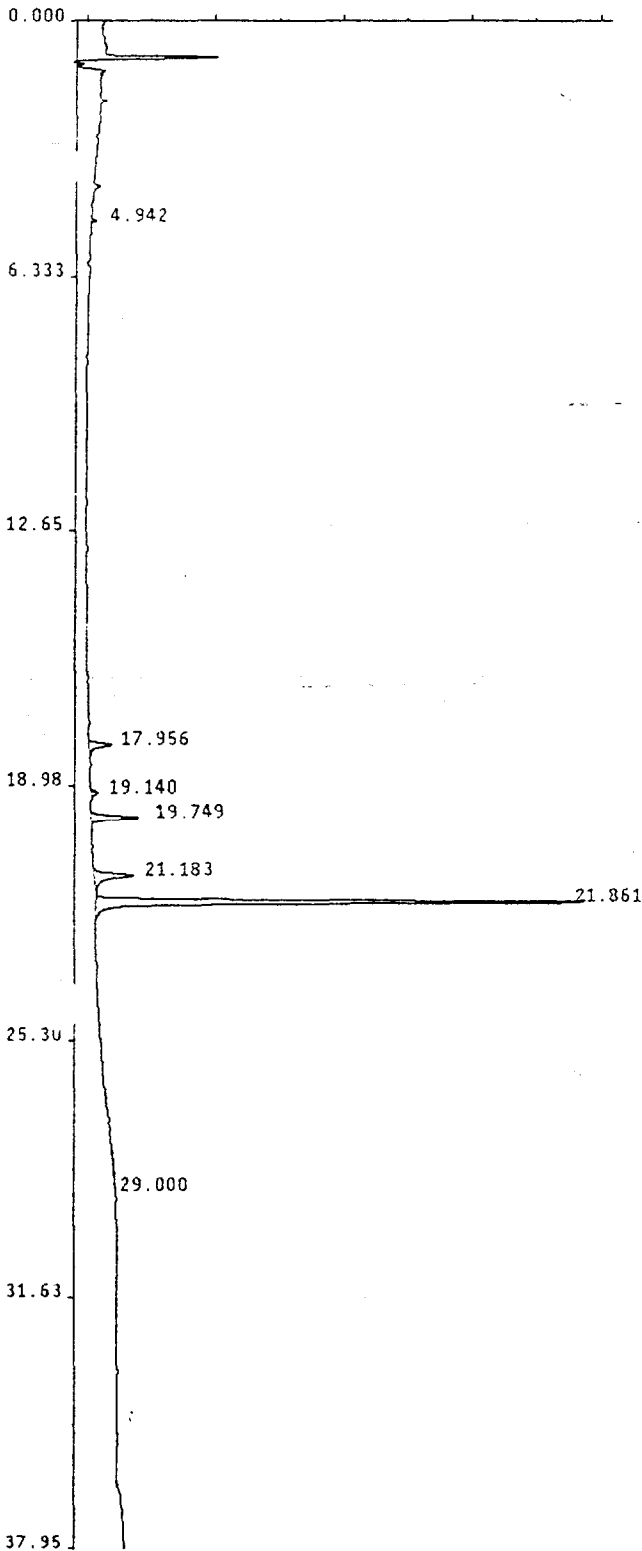
Handwritten signature and date: 7/25/94

Pk #	RT	Area	Code	MASSng	Name
1	6.69	3814	BB	.001	
2	14.75	3881	BB	.000	ALDRIN
3	16.90	3404	BB	.001	
4	19.90	28962	BB	.004	4,4'-DDE <i>Handwritten: 27/25/94</i>
5	21.02	9406	BB	.002	
6	22.33	108367	BB	.021	4,4'-DDD
7	23.25	4237	BB	.001	
8	23.62	608919	BB	.099	4,4'-DDT
9	29.99	2296	BB	.001	

Handwritten notes:
 ALDRIN
 4,4'-DDE
 4,4'-DDD
 4,4'-DDT

Total Area: 773285

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1722 25Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS32(D)MS 500X
 Lab Id : 940641-32MS
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL022.RES
 Inject Time : 0522 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK#	RT	Area	Code	MASSng
1	4.94	5224	VB	.001
2	17.96	36835	BB	.004
3	19.14	7424	BB	.002
4	19.75	59933	BB	.013
5	21.18	71627	BB	.013
6	21.86	591945	BB	.100
7	29.00	9154	BB	.002

Handwritten notes:
 3/21/1994
 4.4'-DDE
 4.4'-DDD
 4.4'-DDT

Total Area: 782141

Method File: /DATA/METHOD/INDAB08.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1738 25Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2CSS32DMSD

Lab Name: CEIMIC CORP

Contract: OHM

b Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-32MSD

Sample wt/vol: 30.4 (g/mL) G

Lab File ID:

% Moisture: 5 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL)

Dilution Factor: 1000

GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6-----	alpha-BHC	1800	IU
319-85-7-----	beta-BHC	1800	IU
319-86-8-----	delta-BHC	1800	IU
58-89-9-----	gamma-BHC (Lindane)	1800	IU
76-44-8-----	Heptachlor	1800	IU
309-00-2-----	Aldrin	1800	IU
1024-57-3-----	Heptachlor epoxide	1800	IU
959-98-8-----	Endosulfan I	1800	IU
60-57-1-----	Dieldrin	3400	IU
72-55-9-----	4,4'-DDE	1000	IJ
72-20-8-----	Endrin	3400	IU
33213-65-9-----	Endosulfan II	3400	IU
72-54-8-----	4,4'-DDD	4500	IP
1031-07-8-----	Endosulfan sulfate	3400	IU
50-29-3-----	4,4'-DDT	15000	I
72-43-5-----	Methoxychlor	18000	IU
53494-70-5-----	Endrin ketone	3400	IU
7421-93-4-----	Endrin aldehyde	3400	IU
5103-71-9-----	alpha-Chlordane	1800	IU
5103-74-2-----	gamma-Chlordane	1800	IU
8001-35-2-----	Toxaphene	180000	IU
12674-11-2-----	Aroclor-1016	34000	IU
11104-28-2-----	Aroclor-1221	70000	IU
11141-16-5-----	Aroclor-1232	34000	IU
53469-21-9-----	Aroclor-1242	34000	IU
12672-29-6-----	Aroclor-1248	34000	IU
11097-69-1-----	Aroclor-1254	34000	IU
11096-82-5-----	Aroclor-1260	34000	IU

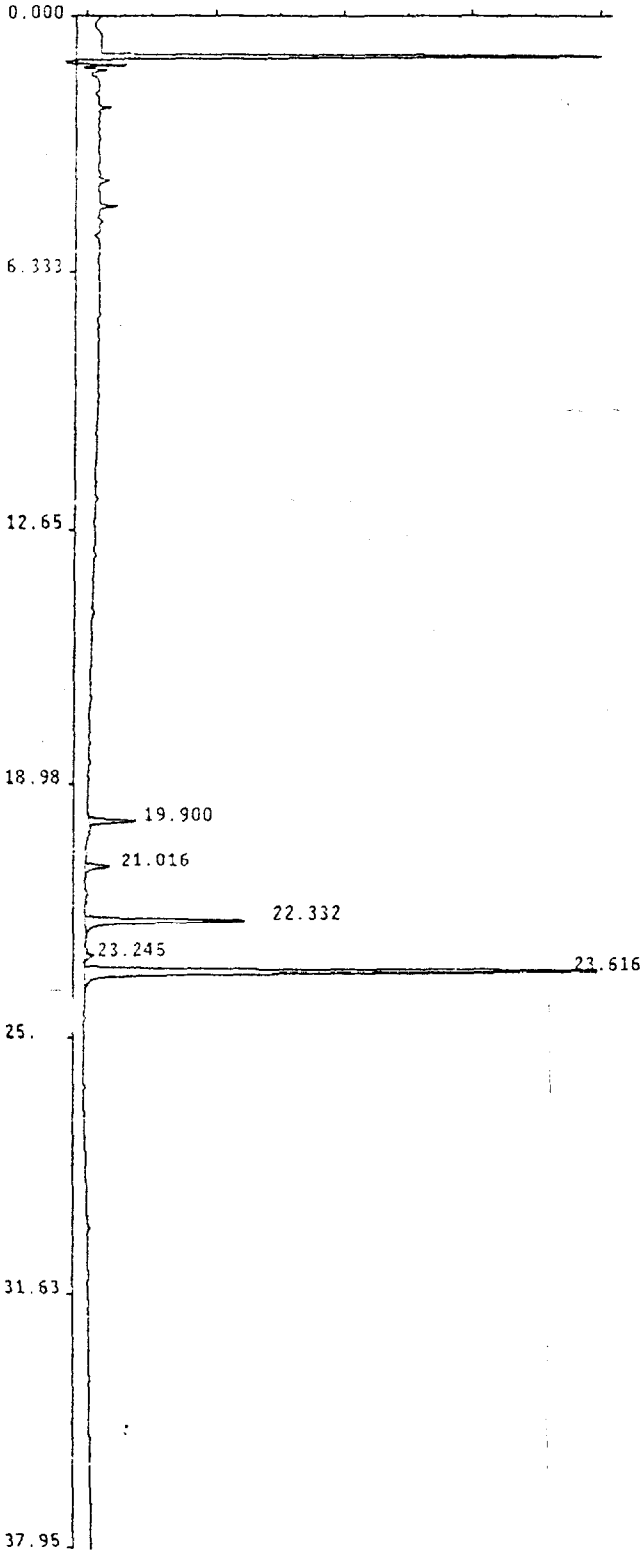
Sample Name : CLJ2-CSS32(D)MSD 500X
 Lab Id : 940641-32MSD
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JUL023.RES
 Inject Time : 0606 25Jul1994
 Run Status : RunStatusOK
 NoReference

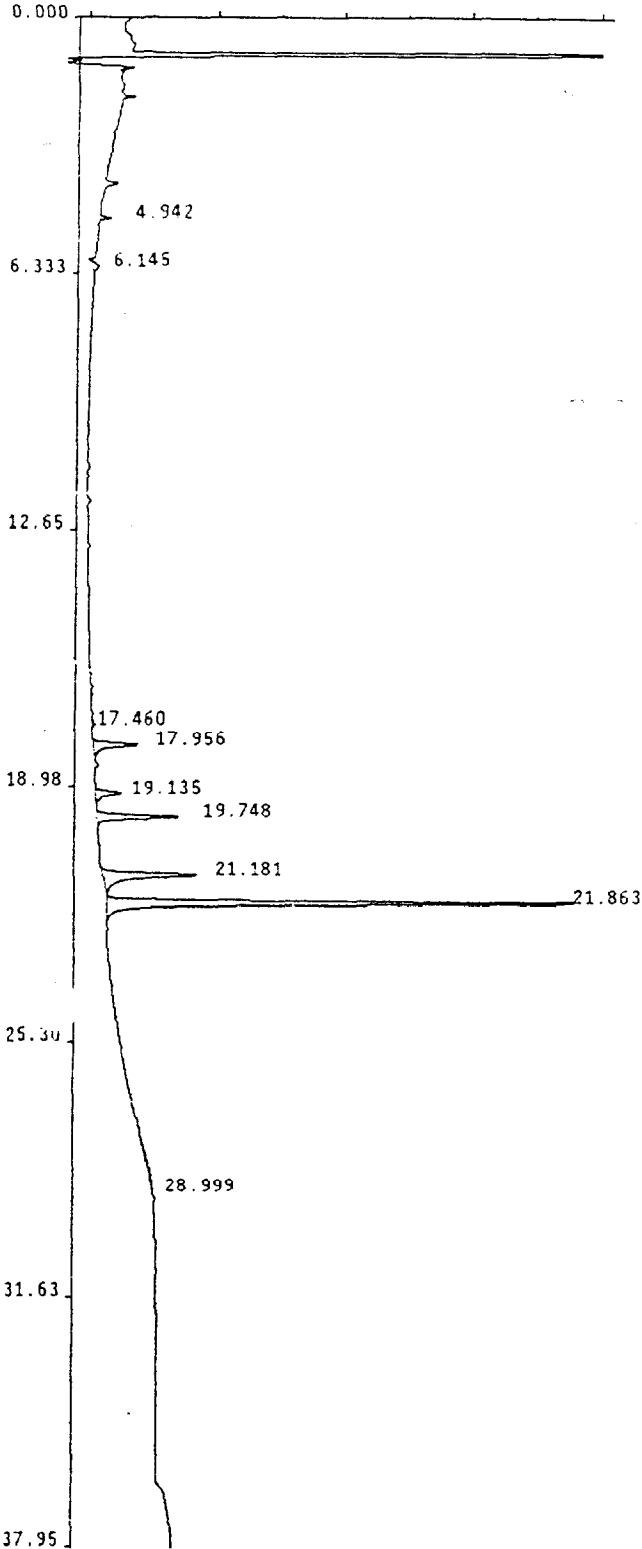
Pk #	RT	Area	Code	MASSng
1	19.90	24337	BB	.003
2	21.02	14750	BB	.003
3	22.33	100790	BB	.020
4	23.25	3826	BB	.001
5	23.62	282233	BB	.046

J. J. Smith
 Name card symbol
 3/25/94
 4,4'-DDE
 4,4'-DDD
 4,4'-DDT

Total Area: 425936

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1724 25Jul1994





Sample Name : CLJ2-CSS32(D)MSD 500X
 Lab Id : 940641-32MSD
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL023.RES
 Inject Time : 0606 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 NoReference

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

J
7/25/94

PK #	RT	Area	Code	MASSng	Name
1	4.94	3631	V8	.001	
2	6.15	3453	B8	.001	
3	17.46	2106	B8	.000	
4	17.96	31557	B8	.004	A. CHLORDANE
5	19.14	17590	B8	.004	4,4'-DDE
6	19.75	45860	B8	.010	
7	21.18	71966	B8	.013	4,4'-DDD
8	21.86	260478	B8	.044	4,4'-DDT
9	29.00	8391	B8	.002	

found sm 7/25/94

Total Area: 445032

Method File: /DATA/METHOD/INDAB08.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1739 25Jul1994

271A

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2CSS36DMS

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-37MS

Sample wt/vol: 30.1 (g/mL) G

Lab File ID:

% Moisture: 18 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL)

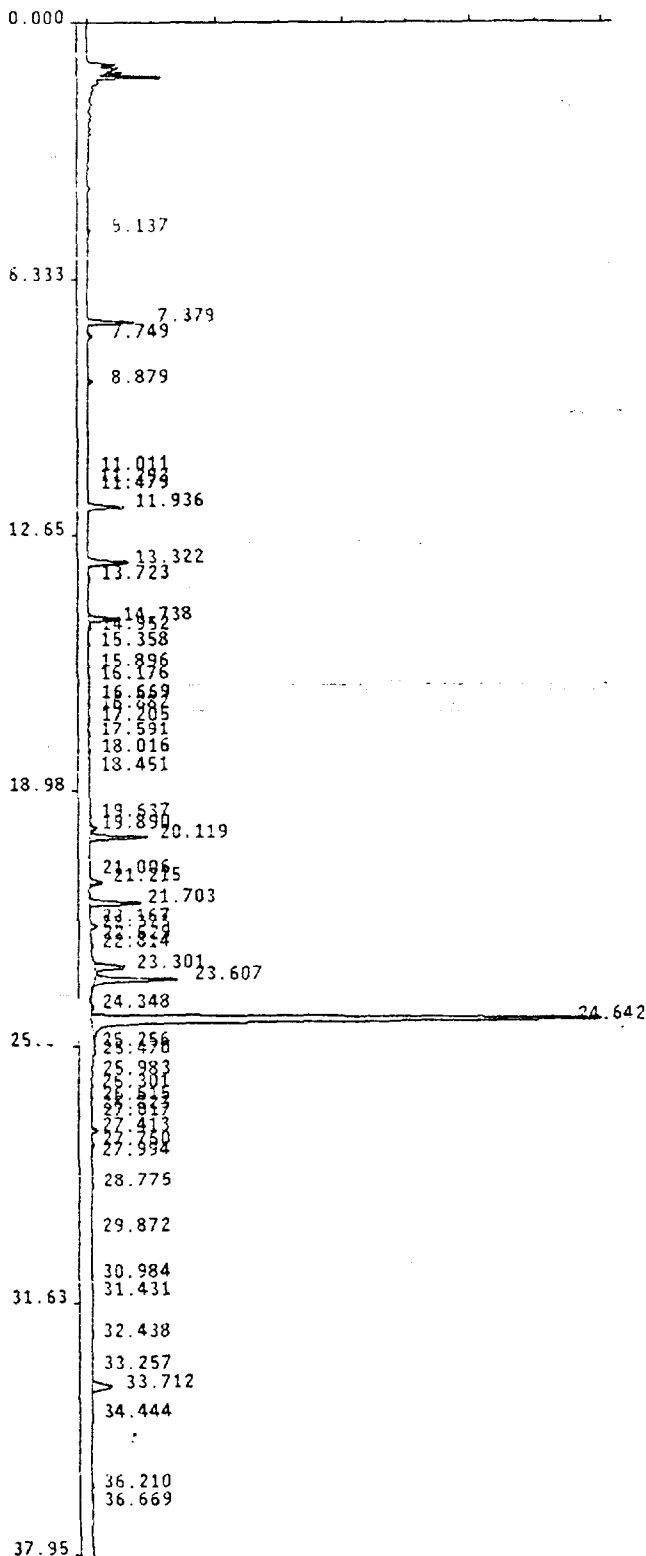
Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.11U	
319-85-7	beta-BHC	2.11U	
319-86-8	delta-BHC	2.11U	
58-89-9	gamma-BHC (Lindane)	17	
76-44-8	Heptachlor	17	
309-00-2	Aldrin	15	
1024-57-3	Heptachlor epoxide	2.11U	
959-98-8	Endosulfan I	2.11U	
60-57-1	Dieldrin	33	
72-55-9	4,4'-DDE	4.01U	
72-20-8	Endrin	38	
33213-65-9	Endosulfan II	4.01U	
72-54-8	4,4'-DDD	3.51JP	
1031-07-8	Endosulfan sulfate	4.01U	
50-29-3	4,4'-DDT	56	
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.01U	
7421-93-4	Endrin aldehyde	4.01U	
5103-71-9	alpha-Chlordane	2.11U	
5103-74-2	gamma-Chlordane	2.11U	
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U



Sample Name : CLJ2-CSS36(D)MS
 Lab Id : 940641-37MS
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL032.RES
 Inject Time : 1244 25JUL1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	5.14	18901	BB	.004	
2	7.38	369916	BB	.035	TCX
3	7.75	40053	BB	.009	
4	8.88	39652	BB	.009	
5	11.01	2286	BB	.001	
6	11.29	2510	BB	.001	
7	11.48	4208	BB	.001	
8	11.94	322577	BB	.041	GAMMA-BHC
9	13.32	432039	BB	.042	HEPTACHLOR
10	13.72	12570	BB	.003	
11	14.74	327341	BB	.038	ALDRIN
12	14.95	18881	BB	.004	
13	15.36	8147	BB	.002	
14	15.90	3754	BB	.001	
15	16.18	3590	BB	.001	
16	16.67	2539	BB	.001	
17	16.88	3751	BB	.001	
18	17.21	5735	BB	.001	H. EPOXYDE
19	17.59	3852	BB	.001	
20	18.02	3146	BB	.000	G. CHLORDANE
21	18.45	3387	BB	.001	
22	19.64	2309	BB	.001	
23	19.89	56939	BB	.007	4,4'-DDE
24	20.12	577071	BB	.083	DIELDRIN
25	21.01	6213	BB	.001	
26	21.21	135530	BB	.030	
27	21.70	564276	BB	.095	ENDRIN
28	22.17	3550	BB	.001	
29	22.32	61899	BB	.012	4,4'-DDE
30	22.63	3697	BB	.001	
31	22.81	19646	BB	.004	
32	23.30	328431	BB	.072	
33	23.61	850585	BB	.138	4,4'-DDT
34	24.35	26269	BB	.006	
35	24.64	8122641	BS	1.785	
36	25.26	3275	BB	.001	
37	25.47	14906	BB	.003	
38	25.98	5140	BB	.001	
39	26.30	4328	BB	.001	
40	26.61	7247	BB	.002	
41	26.82	3155	BB	.001	

[Handwritten signature]

GAMMA-BHC
 HEPTACHLOR
 ALDRIN

H. EPOXYDE
 G. CHLORDANE

4,4'-DDE
 DIELDRIN

ENDRIN
 4,4'-DDE

4,4'-DDT

Sample Name : CLJ2-CSS36(D)MS
 Lab Id : 940641-37MS
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JUL032.RES
 Inject Time : 1244 25Jul1994
 Run Status : RunStatusOK

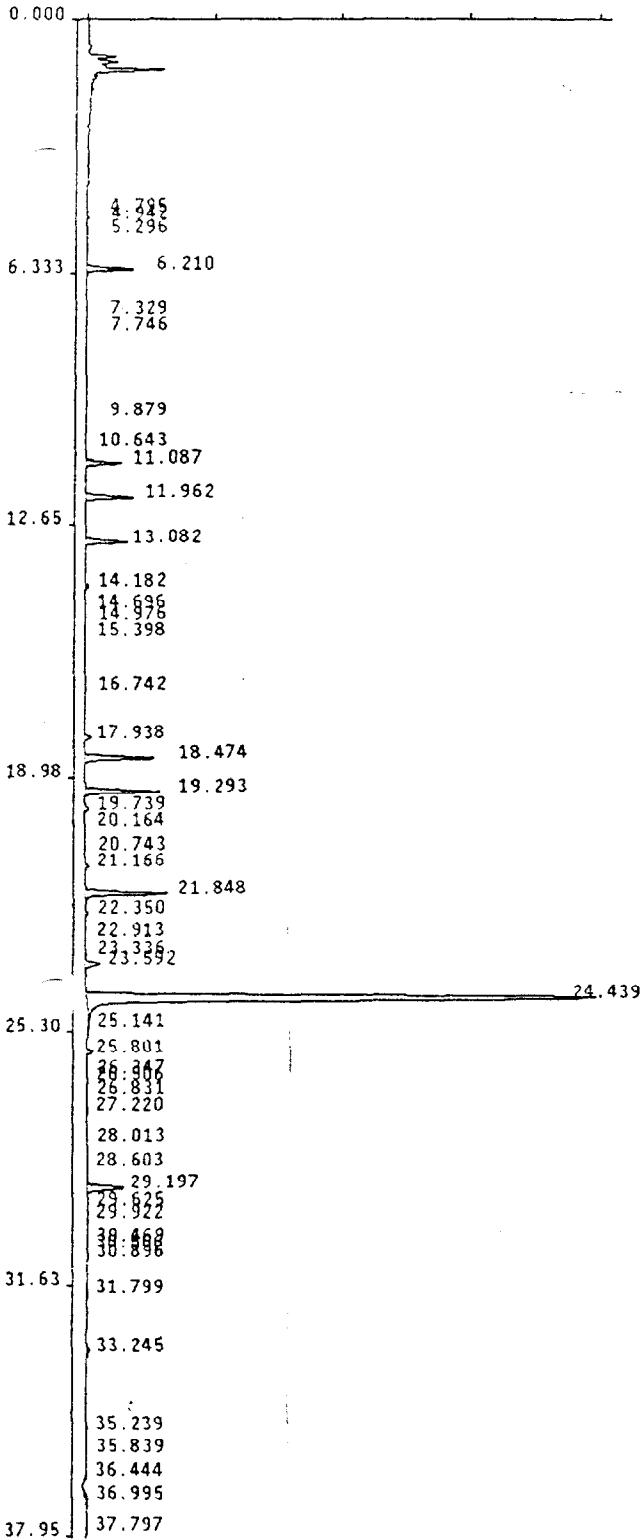
Handwritten signature

PK #	RT	Area	Code	MASSng	Name
42	27.02	4454	BB	.001	
43	27.41	61538	BB	.017	METHOXYCHLOR
44	27.76	29264	BB	.005	ENDRIN KETON
45	27.99	5889	BB	.001	
46	28.78	13231	BB	.003	
47	29.87	4411	BB	.001	
48	30.98	13425	BB	.003	
49	31.43	3692	BB	.001	
50	32.44	19997	BB	.004	
51	33.26	10520	BB	.002	
52	33.71	372771	BB	.038	DCB
53	34.44	4379	BB	.001	
54	36.21	2699	BB	.001	
55	36.67	11668	BB	.003	

Handwritten signature

Total Area: 12983930

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1745 25Jul1994



Sample Name : CLJ2-CSS36(D)MS
 Lab Id : 940641-37MS
 Inst Id & Col : ADB_1, DB1701
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL032.RES
 Inject Time : 1244 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 SignalOverload

Pk #	RT	Area	Code	MASSng
1	4.79	3559	VV	.001
2	4.94	16379	VB	.004
3	5.30	13506	BB	.003
4	6.21	409505	BB	.035
5	7.33	2091	BB	.000
6	7.75	5419	BB	.001
7	9.88	5965	BB	.001
8	10.64	2014	BB	.000
9	11.09	372786	BB	.047
10	11.96	530581	BB	.043
11	13.08	417186	BB	.040
12	14.18	50901	BB	.008
13	14.70	4429	BB	.001
14	14.98	3277	BB	.001
15	15.40	4360	BB	.001
16	16.74	21830	BB	.005
17	17.94	83000	BB	.009
18	18.47	811623	BB	.091
19	19.29	784924	BB	.097
20	19.74	48613	BB	.011
21	20.16	7050	BB	.002
22	20.74	2533	BB	.001
23	21.17	48638	BB	.009
24	21.85	915584	BB	.154
25	22.35	31549	BB	.007
26	22.91	6358	BB	.001
27	23.34	12199	BB	.003
28	23.59	197198	BB	.043
29	24.44	9120796	GS	2.146
30	25.14	4361	BB	.001
31	25.80	74656	BB	.014
32	26.35	2909	BB	.001
33	26.51	29276	BB	.006
34	26.83	3007	BB	.001
35	27.22	29436	BB	.006
36	28.01	2867	BB	.001
37	28.60	12996	BB	.003
38	29.20	495127	BB	.037
39	29.62	5975	BB	.001
40	29.92	5602	BB	.001

Handwritten notes:
 Name: [Signature]
 7/25/94
 TCX
 GAMMA-BHC
 HEPTACHLOR
 ALDRIN
 BETA-BHC
 4,4'-DDE
 DIELDRIN
 ENDRIN
 good quantitative by 7/25/94
 4,4'-DDD
 4,4'-DDT
 ENDRIN ALDRIN
 METHOXYCHLOR
 ENDRIN KETON
 DCB

Sample Name : CLJ2-CSS36(D)MS
 Lab Id : 940641-37MS
 Inst Id & Col : A08_1, D81701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S8P24JUL032.RES
 Inject Time : 1244 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline
 SignalOverload

Handwritten signature
7/27/94

Pk #	RT	Area	Code	MASSng	Name
41	30.47	2044	BB	.000	
42	30.67	2073	BB	.000	
43	30.90	23996	BB	.005	
44	31.80	5451	BB	.001	
45	33.25	45791	BB	.010	
46	35.24	30857	BB	.007	
47	35.84	33927	BB	.007	
48	36.44	33934	BB	.007	
49	37.00	101672	BB	.022	
50	37.80	15158	BB	.003	

 Total Area: 14894966

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1757 25Jul1994

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2CSS36DMSD

Lab Name: CEIMIC CORP

Contract: OHM

Lab Code: CEIMIC

Case No.: 16207

SAS No.:

SDG No.: CSS22D

Matrix: (soil/water) SOIL

Lab Sample ID: 940641-37MSD

Sample wt/vol: 30.2 (g/mL) G

Lab File ID:

% Moisture: 18 decanted: (Y/N) N

Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL)

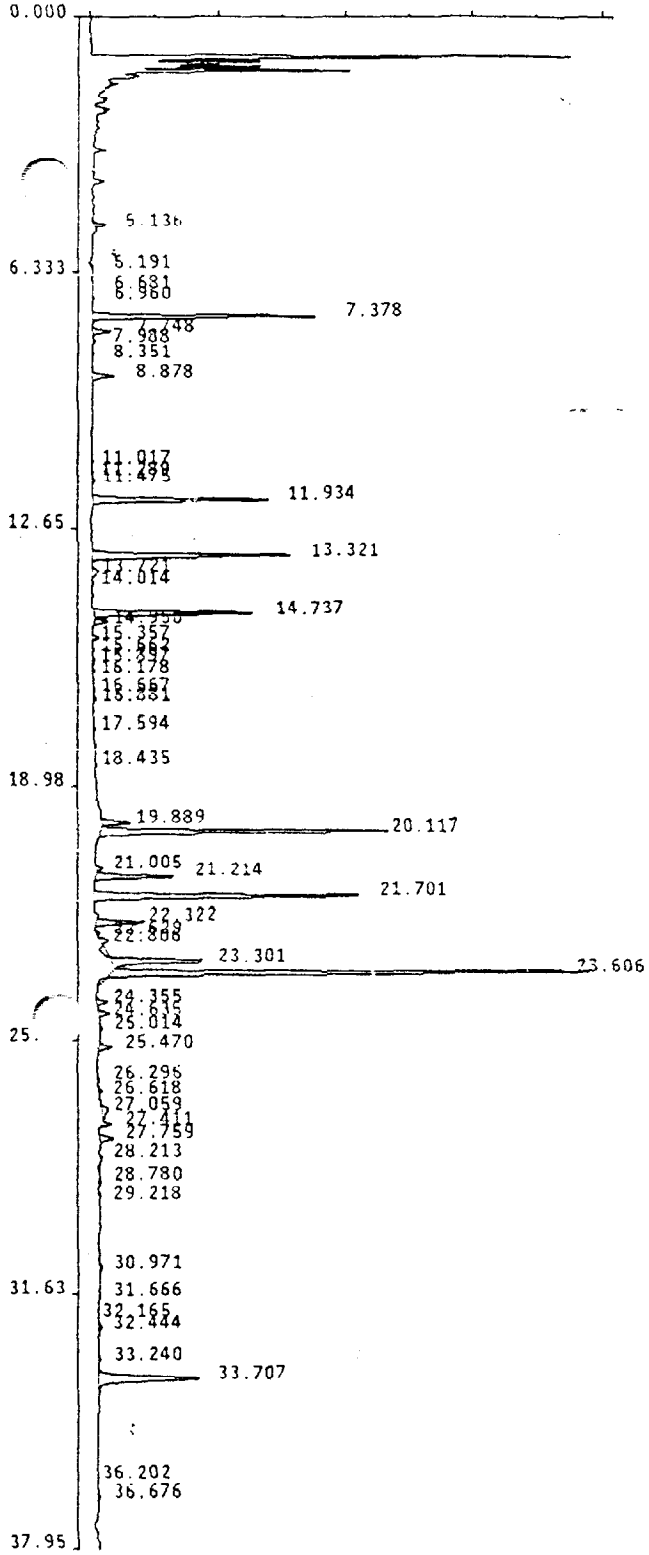
Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1IU	
319-85-7	beta-BHC	2.1IU	
319-86-8	delta-BHC	2.1IU	
58-89-9	gamma-BHC (Lindane)	17	
76-44-8	Heptachlor	18	
309-00-2	Aldrin	16	
1024-57-3	Heptachlor epoxide	2.1IU	
959-98-8	Endosulfan I	2.1IU	
60-57-1	Dieldrin	34	
72-55-9	4,4'-DDE	4.0IU	
72-20-8	Endrin	40	
33213-65-9	Endosulfan II	4.0IU	
72-54-8	4,4'-DDD	5.6IU	
1031-07-8	Endosulfan sulfate	4.0IU	
50-29-3	4,4'-DDT	64	
72-43-5	Methoxychlor	21 IU	
53494-70-5	Endrin ketone	2.4IU	
7421-93-4	Endrin aldehyde	4.0IU	
5103-71-9	alpha-Chlordane	2.1IU	
5103-74-2	gamma-Chlordane	2.1IU	
8001-35-2	Toxaphene	210 IU	
12674-11-2	Aroclor-1016	40 IU	
11104-28-2	Aroclor-1221	81 IU	
11141-16-5	Aroclor-1232	40 IU	
53469-21-9	Aroclor-1242	40 IU	
12672-29-6	Aroclor-1248	40 IU	
11097-69-1	Aroclor-1254	40 IU	
11096-82-5	Aroclor-1260	40 IU	



Sample Name : CLJ2-CSS36(D)MSD
 Lab Id : 940641-37MSD
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S9P24JUL033.RES
 Inject Time : 1329 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	5.14	21581	BB	.005	
2	6.19	3713	BB	.001	
3	6.68	2826	BB	.001	
4	6.96	2397	BB	.001	
5	7.38	372989	BB	.036	TCX
6	7.75	37716	BB	.008	
7	7.99	3644	BB	.001	
8	8.35	3398	BB	.001	
9	8.88	47248	BB	.010	
10	11.02	2769	BB	.001	
11	11.29	2695	BB	.001	
12	11.48	4931	BB	.001	
13	11.93	333606	BB	.043	GAMMA-BHC
14	13.32	451322	BB	.043	HEPTACHLOR
15	13.72	19402	BB	.004	
16	14.01	2041	BB	.000	
17	14.74	339093	BB	.039	ALDRIN
18	14.95	22942	BB	.005	
19	15.36	12133	BB	.003	
20	15.66	2076	BB	.000	
21	15.90	4058	BB	.001	
22	16.18	3154	BB	.001	
23	16.67	2119	BB	.000	
24	16.88	5442	BB	.001	
25	17.59	4178	BB	.001	
26	18.44	3246	BB	.001	
27	19.89	56740	BB	.007	4,4'-DDE
28	20.12	594811	BB	.085	DIELDRIN
29	21.01	10794	BB	.002	
30	21.21	170144	BB	.037	
31	21.70	590702	BB	.099	ENDRIN
32	22.32	97334	BB	.019	4,4'-DDD
33	22.63	6881	BB	.002	
34	22.81	17456	BB	.004	
35	23.30	185471	BB	.041	
36	23.61	976185	BB	.159	4,4'-DDT
37	24.36	23574	BB	.005	
38	24.63	21943	BB	.005	
39	25.01	8296	BB	.002	
40	25.47	28421	BB	.006	
41	26.30	3844	BB	.001	

Handwritten signature

GAMMA-BHC
HEPTACHLOR
ALDRIN

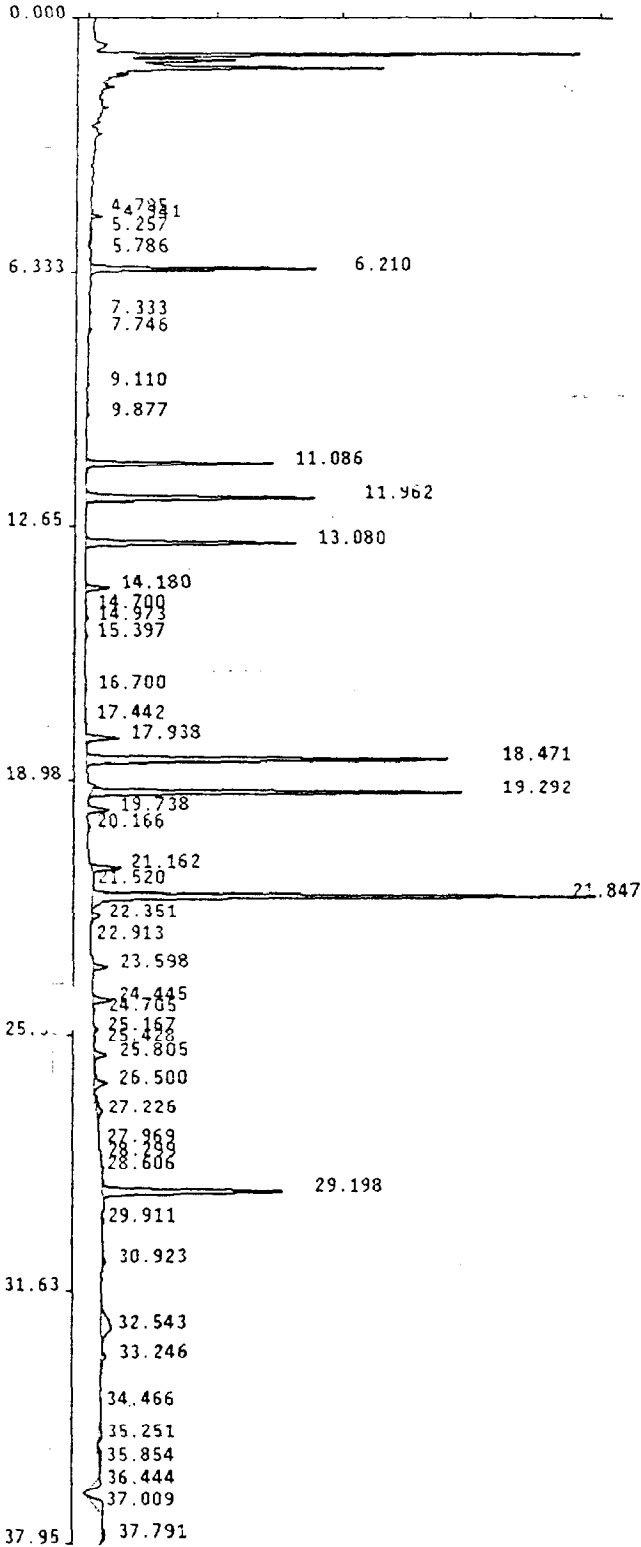
4,4'-DDE
DIELDRIN
Diieldrin
4,4'-DDD
ENDRIN
4,4'-DDT

Sample Name : CLJ2-CSS36(D)MSD
 Lab Id : 940641-37MSD
 Inst Id & Col : AD9_1, DB608
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S9P24JUL033.RES
 Inject Time : 1329 25Jul1994
 Run Status : RunStatusOK

PK #	RT	Area	Code	MASSng	Name
42	26.62	8318	BB	.002	
43	27.06	27586	BB	.006	
44	27.41	18338	BB	.005	METHOXYCHLQR
45	27.76	34110	BB	.006	ENDRIN KETON
46	28.21	2118	BB	.000	
47	28.78	3100	BB	.001	
48	29.22	4378	BB	.001	
49	30.97	10173	BB	.002	
50	31.67	4874	BB	.001	
51	32.17	2037	BB	.000	
52	32.44	15322	BB	.003	
53	33.24	7474	BB	.002	
54	33.71	365675	BB	.037	DCB
55	36.20	2236	BB	.000	
56	36.68	7435	BB	.002	

 Total Area: 5016590

Method File: /DATA/METHOD/INDABQ9.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1748 25Jul1994



Sample Name : CLJ2-CSS36(D)MSD
 Lab Id : 940641-37MSD
 Inst Id & Col : AD8_1, 081701
 Volume Injected: 1.0 ul
 Peak Processor : Genie
 Calculation : ExternalSTD
 Result File : /DATA/RESULT/S8P24JUL033.RES
 Inject Time : 1329 25Jul1994
 Run Status : RunStatusOK
 EndOffBaseline

Multilevel : False
 Application : Loop
 Quantitation: AreaUnits

PK #	RT	Area	Code	MASSng	Name
1	4.79	3734	VV	.001	
2	4.94	17958	VB	.004	
3	5.26	22678	BB	.005	
4	5.79	2097	BB	.000	
5	6.21	406335	BB	.035	TCX
6	7.33	2382	BB	.001	
7	7.75	7376	BB	.002	
8	9.11	2096	BB	.000	
9	9.88	5506	BB	.001	
10	11.09	386706	BB	.049	GAMMA-BHC
11	11.96	538723	BB	.043	HEPTACHLOR
12	13.08	435296	BB	.042	ALDRIN
13	14.18	62375	BB	.009	BETA-BHC
14	14.70	4803	BB	.001	
15	14.97	5170	BB	.001	
16	15.40	6312	BB	.001	
17	16.70	4019	BB	.001	
18	17.44	2620	BB	.000	A. CHLORDANE
19	17.94	83272	BB	.009	4,4'-DDE
20	18.47	846856	BB	.095	DIELDRIN
21	19.29	803481	BB	.099	ENDRIN
22	19.74	56607	BB	.012	
23	20.17	5357	BB	.001	
24	21.16	77370	BB	.014	4,4'-DDD
25	21.52	2727	BB	.001	
26	21.85	1143497	BB	.193	4,4'-DDT
27	22.35	26196	BB	.006	
28	22.91	3168	BB	.001	ENDRIN ALDEH
29	23.60	33357	BB	.007	
30	24.44	53242	BB	.013	METHOXYCHLOR
31	24.70	4569	BB	.001	
32	25.17	10436	BB	.002	
33	25.43	4305	BB	.001	
34	25.80	36089	BB	.007	ENDRIN ALDEH
35	26.50	49830	BB	.011	
36	27.23	44972	BB	.010	
37	27.97	4093	BB	.001	
38	28.30	3200	BB	.001	
39	28.61	5592	BB	.001	
40	29.20	502227	BB	.037	DCB
41	29.91	6748	BB	.001	

Sample Name : CLJ2-CSS36(D)MSD
 Lab Id : 940641-37MSD
 Inst Id & Col : AD8_1, DB1701
 Volume Injected: 1.0 uL Multilevel : False
 Peak Processor : Genie Application : Loop
 Calculation : ExternalSTD Quantitation: AreaUnits
 Result File : /DATA/RESULT/S8P24JUL033.RES
 Inject Time : 1329 25Jul1994
 Run Status : RunStatusOK

EndOffBaseline

Pk #	RT	Area	Code	MASSng
42	30.92	12445	BB	.003
43	32.54	106028	BB	.023
44	33.25	17571	BB	.004
45	34.47	2397	BB	.001
46	35.25	26165	BB	.006
47	35.85	28989	BB	.006
48	36.44	35132	BB	.008
49	37.01	79500	BB	.017
50	37.79	16775	BB	.004

Name *[Handwritten Signature]*
 7/25/94

 Total Area: 6048378

Method File: /DATA/METHOD/INDABQ8.MTH
 Format File: /DATA/FORMAT/DUAL_COL.FMT
 Report Time: 1758 25Jul1994

**CKY
FORM 1 SUMMARIES**

CKY
REPORT PACKAGE 1
Sample CLJ-DSS 163C-165C, 172C,
173C, 186C-191C

ID

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS163C

La. Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.07 (g/ml) G
 % Moisture: 12 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-01
 Lab File ID: PJ13-13
 Date Received: 10/12/94
 Date Extracted: 10/13/94
 Date Analyzed: 10-13-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

319-84-6	alpha-BHC	1.93	
319-85-7	beta-BHC	1.93	
319-86-8	delta-BHC	1.93	
58-89-9	gamma-BHC (Lindane)	1.93	
76-44-8	heptachlor	0.22	J
309-00-2	Aldrin	1.93	J
1024-57-3	Heptachlor epoxide	1.93	J
959-98-3	Endosulfan I	1.93	J
60-57-1	Dieldrin	3.74	J
72-55-9	4,4'-DDE	0.23	J
72-20-8	Endrin	3.74	J
33213-65-9	Endosulfan II	3.74	J
72-54-8	4,4'-DDD	1.30	J
1031-07-8	Endosulfan sulfate	3.74	J
50-29-3	4,4'-DDT	0.70	J
72-43-5	Methoxychlor	19.30	J
53494-70-5	Endrin ketone	3.74	J
7421-36-3	Endrin aldehyde	3.74	J
703-71-9	alpha-Chlordane	1.93	J
703-74-2	gamma-Chlordane	1.93	J
8001-35-2	Toxaphene	192.73	J
12674-11-2	Aroclor-1016	37.41	J
11104-28-2	Aroclor-1221	75.96	J
11141-16-5	Aroclor-1232	37.41	J
53469-21-9	Aroclor-1242	37.41	J
12672-29-3	Aroclor-1248	37.41	J
11097-69-1	Aroclor-1254	37.41	J
11096-82-5	Aroclor-1260	37.41	J

FORM I PEST

3/90

000008

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS164C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.05 (g/ml) G
 % Moisture: 17 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-02
 Lab File ID: PJI3-12
 Date Received: 10/12/94
 Date Extracted: 10/13/94
 Date Analyzed: 10-13-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-5	alpha-BHC	2.04	
319-85-7	beta-BHC	2.04	
319-86-3	delta-BHC	2.04	
58-89-9	gamma-BHC (Lindane)	2.04	
76-44-8	Heptachlor	0.32	
309-00-2	Aldrin	2.04	
1024-57-3	Heptachlor epoxide	2.04	
959-98-8	Endosulfan I	2.04	
60-57-1	Dieldrin	2.04	
72-55-9	4,4'-DDE	3.97	
72-20-8	Endrin	10.54	
33213-35-9	Endosulfan II	0.44	
72-54-8	4,4'-DDD	3.97	
1031-07-8	Endosulfan sulfate	13.93	
50-29-3	4,4'-DDT	3.97	
72-43-5	Methoxychlor	18.87	
53494-70-5	Endrin ketone	20.40	
7421-36-3	Endrin aldehyde	3.97	
5103-71-9	alpha-Chlordane	3.97	
1013-74-2	gamma-Chlordane	2.04	
1011-35-2	Toxaphene	2.04	
12674-11-2	Aroclor-1015	204.48	
11104-28-2	Aroclor-1221	39.69	
11141-16-5	Aroclor-1232	80.59	
53469-21-9	Aroclor-1242	39.69	
12672-29-6	Aroclor-1248	39.69	
11097-59-1	Aroclor-1254	39.69	
11096-82-5	Aroclor-1260	39.69	

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS165C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.12 (g/ml) G
 % Moisture: 14 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract: SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-03
 Lab File ID: PJ13-9
 Date Received: 10/12/94
 Date Extracted: 10/13/94
 Date Analyzed: 10-13-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-34-5	alpha-BHC	1.97	D
319-35-7	beta-BHC	1.97	D
319-36-8	delta-BHC	1.97	D
58-89-9	gamma-BHC (Lindane)	1.97	D
76-44-3	Heptachlor	0.28	J
309-00-2	Aldrin	1.97	D
1024-57-3	Heptachlor epoxide	1.97	D
959-98-8	Endosulfan I	1.97	D
60-57-1	Dieldrin	3.82	D
72-55-9	4,4'-DDE	0.66	D
72-20-8	Endrin	0.59	J
33213-65-9	Endosulfan II	3.82	D
72-54-8	4,4'-DDD	4.59	D
1031-07-8	Endosulfan sulfate	3.82	D
50-29-3	4,4'-DDT	11.20	D
72-43-5	Methoxychlor	19.69	D
53494-70-5	Endrin ketone	3.82	D
7421-36-3	Endrin aldehyde	3.82	D
3-71-9	alpha-Chlordane	1.97	D
3-74-2	gamma-Chlordane	1.97	D
8001-35-2	Toxaphene	196.89	D
12674-11-2	Aroclor-1016	38.22	D
11104-28-2	Aroclor-1221	77.60	D
11141-16-5	Aroclor-1232	38.22	D
53469-21-9	Aroclor-1242	38.22	D
12672-29-6	Aroclor-1248	38.22	D
11097-69-1	Aroclor-1254	38.22	D
11096-82-5	Aroclor-1260	38.22	D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS173C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.01 (g/ml) G
 % Moisture: 16 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-05
 Lab File ID: PJ13-7
 Date Received: 10/12/94
 Date Extracted: 10/13/94
 Date Analyzed: 10-13-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-34-6	alpha-BHC	2.02	
319-35-7	beta-BHC	2.02	
319-36-8	delta-BHC	2.02	
58-89-9	gamma-BHC (Lindane)	2.02	
76-44-8	Heptachlor	0.14	
309-00-2	Aldrin	2.02	
1024-57-3	Heptachlor epoxiae	2.02	
959-98-8	Endosulfan I	2.02	
60-57-1	Dieldrin	0.33	
72-55-9	4,4'-DDE	2.67	
72-20-8	Endrin	0.55	
33213-65-9	Endosulfan II	3.93	
72-34-8	4,4'-DDD	162.44	
1031-07-8	Endosulfan sulfate	3.93	
50-29-3	4,4'-DDT	21.31	
72-43-5	Methoxychlor	20.27	
53494-70-5	Endrin ketone	3.93	
21-36-3	Endrin aldehyde	3.93	
73-71-9	alpha-Chlordane	2.02	
73-74-2	gamma-Chlordane	2.02	
8001-35-2	Toxaphene	202.31	
12674-11-2	Aroclor-1015	39.27	
11104-28-2	Aroclor-1221	79.74	
11141-16-5	Aroclor-1232	39.27	
53469-21-9	Aroclor-1242	39.27	
12672-29-6	Aroclor-1248	39.27	
11097-69-1	Aroclor-1254	39.27	
11096-82-5	Aroclor-1260	39.27	

000032

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS188C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 17 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-10
 Lab File ID: PJ13-14
 Date Received: 10/12/94
 Date Extracted: 10/13/94
 Date Analyzed: 10-13-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-8	alpha-BHC	2.05	
319-85-7	beta-BHC	0.57	
319-86-8	delta-BHC	2.05	
58-89-9	gamma-BHC (Lindane)	2.05	
76-44-8	Heptachlor	2.05	
309-00-2	Aldrin	2.05	
1024-57-3	Heptachlor epoxide	2.05	
959-98-8	Endosulfan I	2.05	
60-57-1	Dieldrin	3.98	
72-55-9	4,4'-DDE	1.17	
72-20-8	Endrin	0.29	
33213-65-9	Endosulfan II	3.98	
72-54-8	4,4'-DDD	3.11	
1031-07-8	Endosulfan sulfate	3.98	
50-29-3	4,4'-DDT	16.57	
72-43-5	Methoxychlor	20.48	
53494-70-5	Endrin ketone	3.98	
7421-36-3	Endrin aldehyde	3.98	
5103-71-9	alpha-Chlordane	2.05	
5103-74-2	gamma-Chlordane	2.05	
81-1-35-2	Toxaphene	204.82	
74-11-2	Aroclor-1016	39.76	
11104-28-2	Aroclor-1221	80.72	
11141-16-5	Aroclor-1232	39.76	
53469-21-9	Aroclor-1242	39.76	
12672-29-6	Aroclor-1248	39.76	
11097-69-1	Aroclor-1254	39.76	
11096-82-5	Aroclor-1260	39.76	

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS189C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 12 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-11
 Lab File ID: PJ13-15
 Date Received: 10/12/94
 Date Extracted: 10/13/94
 Date Analyzed: 10-14-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-9	alpha-BHC	1.93	U
319-85-7	beta-BHC	0.66	JP
319-86-8	delta-BHC	1.93	U
58-89-9	gamma-BHC (Lindane)	1.93	U
76-44-8	Heptachlor	0.29	JP
309-00-2	Aldrin	1.93	U
1024-57-3	Heptachlor epoxide	1.93	U
959-98-8	Endosulfan I	1.93	U
60-57-1	Dieldrin	3.75	U
72-55-9	4,4'-DDE	5.03	
72-20-8	Endrin	0.24	JP
33213-65-9	Endosulfan II	3.75	U
72-54-8	4,4'-DDD	19.83	U
1031-07-8	Endosulfan sulfate	3.75	U
50-29-3	4,4'-DDT	160.00	
72-43-5	Methoxychlor	19.32	U
53494-70-5	Endrin ketone	3.75	U
7421-36-3	Endrin aldehyde	3.75	U
5103-71-9	alpha-Chlordane	1.93	U
5723-74-2	gamma-Chlordane	1.93	U
8-1-35-2	Toxaphene	193.18	U
1-74-11-2	Aroclor-1016	37.50	U
11104-28-2	Aroclor-1221	76.14	U
11141-16-5	Aroclor-1232	37.50	U
53469-21-9	Aroclor-1242	37.50	U
12672-29-6	Aroclor-1248	37.50	U
11097-59-1	Aroclor-1254	37.50	U
11096-82-5	Aroclor-1260	37.50	U

000050

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS190C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 13 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract: SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-12
 Lab File ID: PJ13-16
 Date Received: 10/12/94
 Date Extracted: 10/13/94
 Date Analyzed: 10-14-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-8	alpha-BHC	1.95	
319-85-7	beta-BHC	1.95	
319-86-8	delta-BHC	1.95	
58-89-9	gamma-BHC (Lindane)	1.95	
76-44-8	heptachlor	0.32	J
309-00-2	Aldrin	1.95	
1024-57-3	Heptachlor epoxide	1.95	
959-98-8	Endosulfan I	1.95	
60-57-1	Dieldrin	0.62	
72-55-9	4,4'-DDE	6.82	
72-20-8	Endrin	0.49	J
33213-65-9	Endosulfan II	3.79	
72-54-8	4,4'-DDD	36.17	
1031-07-8	Endosulfan sulfate	3.79	
50-29-3	4,4'-DDT	213.06	
72-43-5	Methoxychlor	19.54	
53494-70-5	Endrin ketone	3.79	
7421-36-3	Endrin aldehyde	3.79	
5103-71-9	alpha-Chlordane	1.95	
5103-74-2	gamma-Chlordane	1.95	
8001-35-2	Toxaphene	195.40	
12274-11-2	Aroclor-1016	37.93	
11104-28-2	Aroclor-1221	77.01	
11141-16-5	Aroclor-1232	37.93	
53469-21-9	Aroclor-1242	37.93	
12672-29-6	Aroclor-1248	37.93	
11097-69-1	Aroclor-1254	37.93	
11096-82-5	Aroclor-1260	37.93	

FORM I PEST

3/90

000062

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS191C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 15 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-13
 Lab File ID: PJ13-17
 Date Received: 10/12/94
 Date Extracted: 10/13/94
 Date Analyzed: 10-14-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-8	alpha-BHC	2.00	U
319-85-7	beta-BHC	2.00	U
319-86-8	delta-BHC	2.00	U
58-89-9	gamma-BHC (Lindane)	2.00	U
76-44-8	Heptachlor	0.16	J
309-00-2	Aldrin	2.00	U
1024-57-3	Heptachlor epoxide	2.00	U
959-98-8	Endosulfan I	2.00	U
60-57-1	Dieldrin	3.88	U
72-55-9	4,4'-DDE	3.88	U
72-20-8	Endrin	3.88	U
33213-65-9	Endosulfan II	3.88	U
72-54-8	4,4'-DDD	0.41	U
1031-07-8	Endosulfan sulfate	3.88	U
50-29-3	4,4'-DDT	2.92	U
72-43-5	Methoxychlor	20.00	U
53494-70-5	Endrin ketone	3.88	U
7421-36-3	Endrin aldehyde	3.88	U
5103-71-9	alpha-Chlordane	2.00	U
5103-74-2	gamma-Chlordane	2.00	U
5101-35-2	Toxaphene	200.00	U
110374-11-2	Aroclor-1016	38.82	U
11104-28-2	Aroclor-1221	78.82	U
11141-16-5	Aroclor-1232	38.82	U
53469-21-9	Aroclor-1242	38.82	U
12672-29-6	Aroclor-1248	38.82	U
11097-69-1	Aroclor-1254	38.82	U
11096-82-5	Aroclor-1260	38.82	U

CKY
REPORT PACKAGE 2
Sample CLJ-DSS 199C, 200C

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS199C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SCIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 17 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J043
 Lab Sample ID : J043-01
 Lab File ID: PJ14-8
 Date Received: 10/14/94
 Date Extracted: 10/14/94
 Date Analyzed: 10-14-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.05	U
319-85-7	beta-BHC	2.05	U
319-86-8	delta-BHC	0.25	JP
58-89-9	gamma-BHC (Lindane)	2.05	U
76-44-8	Heptachlor	0.35	JP
309-00-2	Aldrin	2.05	U
1024-57-3	Heptachlor epoxide	2.05	U
959-98-8	Endosulfan I	2.05	U
60-57-1	Dieldrin	3.98	U
-55-9	4,4'-DDE	31.56	U
-20-8	Endrin	5.12	U
33213-65-9	Endosulfan II	3.98	U
72-54-8	4,4'-DDD	222.70	U
1031-07-3	Endosulfan sulfate	3.98	U
50-29-3	4,4'-DDT	341.66	U
72-43-5	Methoxychlor	20.50	U
53494-70-5	Endrin ketone	3.98	U
7421-36-3	Endrin aldehyde	3.98	U
5103-71-9	alpha-Chlordane	2.05	U
5103-74-2	gamma-Chlordane	2.05	U
8001-35-2	Toxaphene	204.82	U
12674-11-2	Aroclor-1016	39.76	U
11104-28-2	Aroclor-1221	80.72	U
11141-16-5	Aroclor-1232	39.76	U
53469-21-9	Aroclor-1242	39.76	U
12672-29-6	Aroclor-1248	39.76	U
11097-69-1	Aroclor-1254	39.76	U
11096-82-5	Aroclor-1260	39.76	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS200C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 14 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J043
 Lab Sample ID: J043-02
 Lab File ID: PJ14-11
 Date Received: 10/14/94
 Date Extracted: 10/14/94
 Date Analyzed: 10-14-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
319-84-6	alpha-BHC	1.98		U
319-85-7	beta-BHC	1.98		U
319-86-8	delta-BHC	1.98		U
58-89-9	gamma-BHC (Lindane)	1.98		U
76-44-8	Heptachlor	1.98		U
309-00-2	Aldrin	1.98		U
1024-57-3	Heptachlor epoxide	1.98		U
959-98-8	Endosulfan I	1.98		U
60-57-1	Dieldrin	0.68		JP
101-55-9	4,4'-DDE	9.51		
101-20-8	Endrin	1.19		JP
101-213-65-9	Endosulfan II	3.84		U
72-54-8	4,4'-DDD	81.88		P
1031-07-8	Endosulfan sulfate	3.84		U
50-29-3	4,4'-DDT	273.14		P
72-43-5	Methoxychlor	19.80		U
53494-70-5	Endrin ketone	3.84		U
7421-36-3	Endrin aldehyde	3.84		U
5103-71-9	alpha-Chlordane	1.98		U
5103-74-2	gamma-Chlordane	1.98		U
8001-35-2	Toxaphene	197.67		U
12674-11-2	Aroclor-1016	38.37		U
11104-28-2	Aroclor-1221	77.91		U
11141-16-3	Aroclor-1232	38.37		U
53469-21-9	Aroclor-1242	38.37		U
12672-29-6	Aroclor-1248	38.37		U
11097-69-1	Aroclor-1254	38.37		U
11096-82-5	Aroclor-1260	38.37		U

CKY
REPORT PACKAGE 3
Sample CLJ-DSS 205C

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS205C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 19 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J076
 Lab Sample ID: J076-01
 Lab File ID: PJ19-84
 Date Received: 10/21/94
 Date Extracted: 10/21/94
 Date Analyzed: 10-21-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

319-34-5	alpha-BHC	2.10	U
319-35-7	beta-BHC	0.69	JB
319-36-8	delta-BHC	2.10	U
58-39-9	gamma-BHC (Lindane)	2.10	U
76-44-8	Heptachlor	0.61	JPB
309-00-2	Aldrin	2.10	U
1024-57-3	Heptachlor epoxide	2.10	U
959-98-3	Endosulfan I	2.10	U
60-57-1	Dieldrin	4.07	U
72-55-9	4,4'-DDE	4.07	U
210-20-8	Endrin	4.07	U
210-213-65-9	Endosulfan II	4.07	U
72-54-8	4,4'-DDD	4.07	U
1031-07-8	Endosulfan sulfate	4.07	U
50-29-3	4,4'-DDT	4.07	U
72-43-5	Methoxychlor	20.99	U
53494-70-5	Endrin ketone	4.07	U
7421-36-3	Endrin aldehyde	4.07	U
5103-71-9	alpha-Chlordane	2.10	U
5103-74-2	gamma-Chlordane	2.10	U
8001-35-2	Toxaphene	209.88	U
12674-11-2	Aroclor-1016	40.74	U
11104-28-2	Aroclor-1221	82.72	U
11141-16-5	Aroclor-1232	40.74	U
53469-21-9	Aroclor-1242	40.74	U
12672-29-6	Aroclor-1248	40.74	U
11097-69-1	Aroclor-1254	40.74	U
11096-82-5	Aroclor-1260	40.74	U

Camp Lejeune
Project 16207

Summary of Off-Site Pesticides Results

Sample Number	Sample Description/ Location	Date Sampled	Heptachlor (ug/kg)	4,4'-DDE (ug/kg)	Dieldrin (ug/kg)	4,4'-DDD (ug/kg)	4,4'-DDT (ug/kg)	Chlordane (ug/kg)
<i>Action Limits</i>	<i>Soils</i>		<u>179</u>	<u>3000</u>	<u>50</u>	<u>4000</u>	<u>3000</u>	<u>621</u>
CLJ-DSS163C	SOIL/AREA 1	10/7/94	ND	ND	ND	ND	ND	ND
CLJ-DSS164C	SOIL/ AREA 1	10/7/94	ND	9.90	ND	14.00	20.00	ND
CLJ-DSS165C	SOIL/AREA 1	10/7/94	ND	ND	ND	4.70	12.00	ND
CLJ-DSS172C	SOIL/AREA 1	10/11/94	ND	5.50	ND	30.00	34.00	ND
CLJ-DSS173C	SOIL/AREA 1	10/11/94	ND	ND	ND	280.00	23.00	ND
CLJ-DSS188C	SOIL/AREA 2	10/11/94	ND	ND	ND	ND	17.00	ND
CLJ-DSS189C	SOIL/AREA 2	10/11/94	ND	5.00	ND	21.00	230.00	ND
CLJ-DSS190C	SOIL/AREA 2	10/11/94	ND	6.60	ND	38.00	430.00	ND
CLJ-DSS191C	SOIL/AREA 3	10/11/94	ND	ND	ND	ND	ND	ND
CLJ-DSS199C	SOIL/AREA 2	10/12/94	ND	29.00	ND	1200.00	4200.00 *	ND
CLJ-DSS200C	SOIL/AREA 2	10/12/94	ND	9.20	ND	350.00	1600.00	ND
CLJ-DSS225C	Soil/Area 2	10/18/94	0.61J	4.07u	4.07u	4.07u	4.07u	2.10u
	<i>Reporting Limits</i>	<i>(ug/Kg)</i>	<u>1.7</u>	<u>3.3</u>	<u>3.3</u>	<u>3.3</u>	<u>3.3</u>	<u>1.7</u>

**CKY
CORRECTIONS/AMENDMENTS**



CKY incorporated Analytical Laboratories

December 05, 1994

Ms. Missy Art
OHM Corporation
5335 Traingle Parkway, Ste. 450
Norcross GA 30092

Dear Ms. Art:

After reviewing calculations for Form F3, Form 10A, and Form 7E for Camp Lejeune-Project # 16207, which correspond to CKY control numbers 94J039, 94J043, and 94J079, we are submitting corrected Form F3s which have amended RPD calculations.

In reference to your request to review Form 10A, % Difference, and Form 7E, RPD, we would like to state that the calculations that appear on raw data are not rounded. Nevertheless, when reporting we do round results to the nearest tenth. Therefore, in order to verify calculations, please refer to raw data and apply the following formulas, as needed:

1). According to OLM01.2

Form 10

$$\% D = \frac{\text{Conc}_H - \text{Conc}_L}{\text{Conc}_L} \times 100$$

(Section III 13.5.4)

Form 7

$$\text{RPD} = \frac{|C_{\text{nom}} - C_{\text{calc}}|}{(C_{\text{nom}} + C_{\text{calc}})/2} \times 100$$

Section III 7.10.3

If you would have any questions, please give me a call at (310) 618-8889.

Sincerely,

CKY INCORPORATED

Kevin Hoang
QA/QC Officer

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CKY Inc

Contract:01-F000-06-I93-0024

Lab Code:

Case No.:

SAS No.:

SDG No.: 94J043

Matrix Spike - EPA Sample No.: CLJ-DSS199C

COMPOUND	SPIKE ADDED (ug/KG)	SAMPLE CONCENTRATION (ug/KG)	MS CONCENTRATION (ug/KG)	MS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	20.08	0.00	15.60	78	46 127
Heptachlor	20.08	0.35	14.84	72	35 130
Aldrin	20.08	0.00	12.11	60	34 132
Dieldrin	40.16	0.00	37.75	94	31 134
Endrin	40.16	5.12	45.39	100	42 139
4,4'-DDT	40.16	341.66	379.16	93	23 134

COMPOUND	SPIKE ADDED (ug/KG)	MSD CONCENTRATION (ug/KG)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
gamma-BHC (Lindane)	20.08	11.82	59	28	50	46 127
Heptachlor	20.08	12.62	61	17	31	35 130
Aldrin	20.08	10.30	51	16	43	34 132
Dieldrin	40.16	33.07	82	14	38	31 134
Endrin	40.16	40.09	87	14	45	42 139
4,4'-DDT	40.16	387.67	115	21	50	23 134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limits

Spike Recovery: 0 out of 12 outside limits

COMMENTS:

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CKY Inc

Contract: 01-F000-06-I93-0024

Lab Code:

Case No.:

SAS No.:

SDG No.: 94J039

Matrix Spike - EPA Sample No.: CLJ-DSS165C

COMPOUND	SPIKE ADDED (ug/KG)	SAMPLE CONCENTRATION (ug/KG)	MS CONCENTRATION (ug/KG)	MS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	19.30	0.00	16.82	87	46 127
Heptachlor	19.30	0.28	14.60	74	35 130
Aldrin	19.30	0.00	15.12	78	34 132
Dieldrin	38.61	0.00	35.36	92	31 134
Endrin	38.61	0.59	35.77	91	42 139
4,4'-DDT	38.61	11.20	39.67	74	23 134

COMPOUND	SPIKE ADDED (ug/KG)	MSD CONCENTRATION (ug/KG)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
gamma-BHC (Lindane)	19.30	17.37	90	3	50	46 127
Heptachlor	19.30	15.53	79	7	31	35 130
Aldrin	19.30	15.08	78	0	43	34 132
Dieldrin	38.61	36.22	94	2	38	31 134
Endrin	38.61	37.11	95	4	45	42 139
4,4'-DDT	38.61	41.89	79	7	50	23 134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limits

Spike Recovery: 0 out of 12 outside limits

COMMENTS:

**CKY
SUMMARY REPORTS**



CKY incorporated Analytical Laboratories

Date: 10-17-1994
CKY Batch No.: 94J039

Attn: Kent Geis

OHM
100 Dominion Drive #107
Morrisville, N. Carolina 27560

Subject: Laboratory Report
Project: Camp Lejeune, NC

Enclosed is the Laboratory report for samples received on 10/12/94. The samples were received in coolers with ice and intact; the chain-of-custody forms were properly filled out. The data reported include :

Sample ID	Control No.	Matrix	Analysis
CLJ-DSS163C	J039-01	Soil	EPA 8080 (Pesticide)
CLJ-DSS164C	J039-02	Soil	EPA 8080 (Pesticides)
CLJ-DSS165C	J039-03	Soil	EPA 8080 (Pesticides)
CLJ-DSS172C	J039-04	Soil	EPA 8080 (Pesticides)
CLJ-DSS173C	J039-05	Soil	EPA 8080 (Pesticides)
CLJ-DSSFB1B	J039-06	Water	Hold
CLJ-DSSRB1A	J039-07	Water	Hold
CLJ-DSS186C	J039-08	NA	Cancelled
CLJ-DSS187C	J039-09	NA	Cancelled
CLJ-DSS188C	J039-10	Soil	EPA 8080 (Pesticides)
CLJ-DSS189C	J039-11	Soil	EPA 8080 (Pesticides)
CLJ-DSS190C	J039-12	Soil	EPA 8080 (Pesticides)
CLJ-DSS191C	J039-13	Soil	EPA 8080 (Pesticides)

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Kam Y. Pang, Ph.D.
Laboratory Director

P.S. - All analyses requested for the above referenced project have been completed. Therefore, unless instructed, the remaining portions of the samples will be disposed after fifteen (15) days from the date of this report.

EPA METHOD 8080
PESTICIDES

```

=====
CLIENT:      OHM
PROJECT:     Camp Lejeune, NC
BATCH NO.:  94J039
SAMPLE ID:   CLJ-DSS163C
CONTROL NO.: J039-01
% MOISTURE:  NA
DATE COLLECTED: 10/07/94
DATE RECEIVED:  10/12/94
DATE EXTRACTED: 10/13/94
DATE ANALYZED:  10/13/94
MATRIX:        SOIL
DILUTION FACTOR: 1
=====

```

PARAMETERS	results (ug/kg)	RL (ug/kg)
alpha-BHC	ND	1.7
gamma-BHC (Lindane)	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
beta-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor Epoxide	ND	1.7
Endosulfan I	ND	1.7
gamma-Chlordane	ND	1.7
alpha-Chlordane	ND	1.7
DDE	ND	3.3
Dieldrin	ND	3.3
Endrin	ND	3.3
DDD	ND	3.3
Endosulfan II	ND	3.3
DDT	ND	3.3
Endrin aldehyde	ND	3.3
Endrin Ketone	ND	3.3
Methoxychlor	ND	17
Endosulfan Sulfate	ND	3.3
Toxaphene	ND	170
SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Tetrachloro-m-xylene	55	20-150
Decachlorobiphenyl	95	20-150

RL : Reporting Limit

EPA METHOD 8080
PESTICIDES

```

=====
CLIENT:      OHM                                DATE COLLECTED: 10/07/94
PROJECT:     Camp Lejeune, NC                   DATE RECEIVED:  10/12/94
BATCH NO.:   94J039                             DATE EXTRACTED: 10/13/94
SAMPLE ID:   CLJ-DSS164C                        DATE ANALYZED:  10/13/94
CONTROL NO.: J039-02                             MATRIX:         SOIL
% MOISTURE:  NA                                 DILUTION FACTOR: 1
=====

```

PARAMETERS	results (ug/kg)	RL (ug/kg)
alpha-BHC	ND	1.7
gamma-BHC (Lindane)	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
beta-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor Epoxide	ND	1.7
Endosulfan I	ND	1.7
gamma-Chlordane	ND	1.7
alpha-Chlordane	ND	1.7
DDE	9.9	3.3
Dieldrin	ND	3.3
Endrin	ND	3.3
DDD	14	3.3
Endosulfan II	ND	3.3
DDT	20	3.3
Endrin aldehyde	ND	3.3
Endrin Ketone	ND	3.3
Methoxychlor	ND	17
Endosulfan Sulfate	ND	3.3
Toxaphene	ND	170
SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Tetrachloro-m-xylene	37	20-150
Decachlorobiphenyl	94	20-150

RL : Reporting Limit

EPA METHOD 8080
PESTICIDES

```

=====
CLIENT:      OHM                      DATE COLLECTED: 10/07/94
PROJECT:     Camp Lejeune, NC         DATE RECEIVED:  10/12/94
BATCH NO.:   94J039                  DATE EXTRACTED: 10/13/94
SAMPLE ID:   CLJ-DSS165C             DATE ANALYZED:  10/13/94
CONTROL NO.: J039-03                 MATRIX:         SOIL
% MOISTURE:  NA                       DILUTION FACTOR: 1
=====

```

PARAMETERS	results (ug/kg)	RL (ug/kg)
alpha-BHC	ND	1.7
gamma-BHC (Lindane)	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
beta-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor Epoxide	ND	1.7
Endosulfan I	ND	1.7
gamma-Chlordane	ND	1.7
alpha-Chlordane	ND	1.7
DDE	ND	3.3
Dieldrin	ND	3.3
Endrin	ND	3.3
DDD	4.7	3.3
Endosulfan II	ND	3.3
DDT	12	3.3
Endrin aldehyde	ND	3.3
Endrin Ketone	ND	3.3
Methoxychlor	ND	17
Endosulfan Sulfate	ND	3.3
Toxaphene	ND	170
SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Tetrachloro-m-xylene	63	20-150
Decachlorobiphenyl	86	20-150

RL : Reporting Limit

EPA METHOD 8080
PESTICIDES

```

=====
CLIENT:      OHM                      DATE COLLECTED: 10/11/94
PROJECT:     Camp Lejeune, NC         DATE RECEIVED:  10/12/94
BATCH NO.:   94J039                  DATE EXTRACTED: 10/13/94
SAMPLE ID:   CLJ-DSS172C             DATE ANALYZED:  10/13/94
CONTROL NO.: J039-04                 MATRIX:         SOIL
% MOISTURE:  NA                       DILUTION FACTOR: 1
=====

```

PARAMETERS	results (ug/kg)	RL (ug/kg)
alpha-BHC	ND	1.7
gamma-BHC (Lindane)	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
beta-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor Epoxide	ND	1.7
Endosulfan I	ND	1.7
gamma-Chlordane	ND	1.7
alpha-Chlordane	ND	1.7
DDE	5.5	3.3
Dieldrin	ND	3.3
Endrin	ND	3.3
DDD	30	3.3
Endosulfan II	ND	3.3
DDT	34	3.3
Endrin aldehyde	ND	3.3
Endrin Ketone	ND	3.3
Methoxychlor	ND	17
Endosulfan Sulfate	ND	3.3
Toxaphene	ND	170
SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Tetrachloro-m-xylene	64	20-150
Decachlorobiphenyl	93	20-150

RL : Reporting Limit

EPA METHOD 8080
PESTICIDES

```

=====
CLIENT:      OHM                      DATE COLLECTED: 10/11/94
PROJECT:     Camp Lejeune, NC         DATE RECEIVED:  10/12/94
BATCH NO.:  94J039                   DATE EXTRACTED: 10/13/94
SAMPLE ID:   CLJ-DSS173C             DATE ANALYZED:  10/13/94
CONTROL NO.: J039-05                 MATRIX:         SOIL
% MOISTURE:  NA                       DILUTION FACTOR: 20
=====

```

PARAMETERS	results (ug/kg)	RL (ug/kg)
alpha-BHC	ND	34
gamma-BHC (Lindane)	ND	34
Heptachlor	ND	34
Aldrin	ND	34
beta-BHC	ND	34
delta-BHC	ND	34
Heptachlor Epoxide	ND	34
Endosulfan I	ND	34
gamma-Chlordane	ND	34
alpha-Chlordane	ND	34
DDE	ND	66
Dieldrin	ND	66
Endrin	ND	66
DDD	280	66
Endosulfan II	ND	66
DDT	23-	3.3
Endrin aldehyde	ND	66
Endrin Ketone	ND	66
Methoxychlor	ND	340
Endosulfan Sulfate	ND	66
Toxaphene	ND	3400

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Tetrachloro-m-xylene	91	20-150
Decachlorobiphenyl	94	20-150

```

=====
RL : Reporting Limit
-  : Dilution factor, 1

```

EPA METHOD 8080
PESTICIDES

```

=====
CLIENT:      OHM                      DATE COLLECTED: 10/11/94
PROJECT:     Camp Lejeune, NC         DATE RECEIVED:  10/12/94
BATCH NO.:   94J039                  DATE EXTRACTED: 10/13/94
SAMPLE ID:   CLJ-DSS188C             DATE ANALYZED:  10/13/94
CONTROL NO.: J039-10                 MATRIX:         SOIL
% MOISTURE:  NA                       DILUTION FACTOR: 1
=====

```

PARAMETERS	results (ug/kg)	RL (ug/kg)
alpha-BHC	ND	1.7
gamma-BHC (Lindane)	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
beta-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor Epoxide	ND	1.7
Endosulfan I	ND	1.7
gamma-Chlordane	ND	1.7
alpha-Chlordane	ND	1.7
DDE	ND	3.3
Dieldrin	ND	3.3
Endrin	ND	3.3
DDD	ND	3.3
Endosulfan II	ND	3.3
DDT	17	3.3
Endrin aldehyde	ND	3.3
Endrin Ketone	ND	3.3
Methoxychlor	ND	3.3
Endosulfan Sulfate	ND	17
Toxaphene	ND	3.3
		170
SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Tetrachloro-m-xylene	42	20-150
Decachlorobiphenyl	95	20-150

RL : Reporting Limit

EPA METHOD 8080
PESTICIDES

```

=====
CLIENT:      OHM                      DATE COLLECTED: 10/11/94
PROJECT:     Camp Lejeune, NC         DATE RECEIVED:  10/12/94
BATCH NO.:   94J039                  DATE EXTRACTED: 10/13/94
SAMPLE ID:   CLJ-DSS189C             DATE ANALYZED:  10/14/94
CONTROL NO.: J039-11                MATRIX:         SOIL
% MOISTURE:  NA                      DILUTION FACTOR: 1
=====

```

PARAMETERS	results (ug/kg)	RL (ug/kg)
alpha-BHC	ND	1.7
gamma-BHC (Lindane)	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
beta-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor Epoxide	ND	1.7
Endosulfan I	ND	1.7
gamma-Chlordane	ND	1.7
alpha-Chlordane	ND	1.7
DDE	5.0	3.3
Dieldrin	ND	3.3
Endrin	ND	3.3
DDD	21	3.3
Endosulfan II	ND	3.3
DDT	230-	66
Endrin aldehyde	ND	3.3
Endrin Ketone	ND	3.3
Methoxychlor	ND	17
Endosulfan Sulfate	ND	3.3
Toxaphene	ND	170
SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Tetrachloro-m-xylene	62	20-150
Decachlorobiphenyl	97	20-150

```

=====
RL : Reporting Limit
-  : Dilution factor, 20
=====

```

EPA METHOD 8080
PESTICIDES

```

=====
CLIENT:      OHM                      DATE COLLECTED: 10/11/94
PROJECT:     Camp Lejeune, NC         DATE RECEIVED:  10/12/94
BATCH NO.:   94J039                  DATE EXTRACTED: 10/13/94
SAMPLE ID:   CLJ-DSS190C             DATE ANALYZED:  10/14/94
CONTROL NO.: J039-12                MATRIX:         SOIL
% MOISTURE:  NA                      DILUTION FACTOR: 1
=====

```

PARAMETERS	results (ug/kg)	RL (ug/kg)
alpha-BHC	ND	1.7
gamma-BHC (Lindane)	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
beta-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor Epoxide	ND	1.7
Endosulfan I	ND	1.7
gamma-Chlordane	ND	1.7
alpha-Chlordane	ND	1.7
DDE	6.6	3.3
Dieldrin	ND	3.3
Endrin	ND	3.3
DDD	38	3.3
Endosulfan II	ND	3.3
DDT	430-	66
Endrin aldehyde	ND	3.3
Endrin Ketone	ND	3.3
Methoxychlor	ND	17
Endosulfan Sulfate	ND	3.3
Toxaphene	ND	170
SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Tetrachloro-m-xylene	48	20-150
Decachlorobiphenyl	101	20-150

```

=====
RL : Reporting Limit
-  : Dilution factor, 20
=====

```

EPA METHOD 8080
PESTICIDES

```

=====
CLIENT:      OHM
PROJECT:     Camp Lejeune, NC
BATCH NO.:  94J039
SAMPLE ID:   CLJ-DSS191C
CONTROL NO.: J039-13
% MOISTURE:  NA
DATE COLLECTED: 10/11/94
DATE RECEIVED:  10/12/94
DATE EXTRACTED: 10/13/94
DATE ANALYZED:  10/14/94
MATRIX:        SOIL
DILUTION FACTOR: 1
=====

```

PARAMETERS	results (ug/kg)	RL (ug/kg)
alpha-BHC	ND	1.7
gamma-BHC (Lindane)	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
beta-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor Epoxide	ND	1.7
Endosulfan I	ND	1.7
gamma-Chlordane	ND	1.7
alpha-Chlordane	ND	1.7
DDE	ND	3.3
Dieldrin	ND	3.3
Endrin	ND	3.3
DDD	ND	3.3
Endosulfan II	ND	3.3
DDT	ND	3.3
Endrin aldehyde	ND	3.3
Endrin Ketone	ND	3.3
Methoxychlor	ND	17
Endosulfan Sulfate	ND	3.3
Toxaphene	ND	170

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Tetrachloro-m-xylene	69	20-150
Decachlorobiphenyl	96	20-150

RL : Reporting Limit

EPA METHOD 8080
PESTICIDES

```

=====
CLIENT:      OHM                      DATE COLLECTED:  NA
PROJECT:     Camp Lejeune, NC         DATE RECEIVED:   NA
BATCH NO.:  94J039                   DATE EXTRACTED:  10/13/94
SAMPLE ID:   PBLK01                   DATE ANALYZED:   10/13/94
CONTROL NO.: J039-B1S                 MATRIX:          SOIL
% MOISTURE:  NA                        DILUTION FACTOR: 1
=====

```

PARAMETERS	results (ug/kg)	RL (ug/kg)
alpha-BHC	ND	1.7
gamma-BHC (Lindane)	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
beta-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor Epoxide	ND	1.7
Endosulfan I	ND	1.7
gamma-Chlordane	ND	1.7
alpha-Chlordane	ND	1.7
DDE	ND	3.3
Dieldrin	ND	3.3
Endrin	ND	3.3
DDD	ND	3.3
Endosulfan II	ND	3.3
DDT	ND	3.3
Endrin aldehyde	ND	3.3
Endrin Ketone	ND	3.3
Methoxychlor	ND	17
Endosulfan Sulfate	ND	3.3
Toxaphene	ND	170

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Tetrachloro-m-xylene	51	20-150
Decachlorobiphenyl	98	20-150

RL : Reporting Limit

CKY QUALITY CONTROL DATA
LABORATORY CONTROL SAMPLE ANALYSIS

CLIENT: OHM
PROJECT: Camp Lejeune, NC
METHOD: EPA 8080
MATRIX: SOIL

BATCH NO.:	94J039	DATE RECEIVED:	NA
SAMPLE ID:	LCS1	DATE EXTRACTED:	10/13/94
CONTROL NO.:	PJ13-5	DATE ANALYZED:	10/13/94
ACCESSION:	94J039		

PARAMETER	TRUE VALUE (ug/kg)	FOUND VALUE (ug/kg)	LCS RECOVERY (%)
gamma-BHC	16.67	17.63	106
Heptachlor	16.67	16.74	100
Aldrin	16.67	15.63	94
Dieldrin	33.33	40.77	122
Endrin	33.33	42.40	127
DDT	33.33	36.58	110



OHM Corporation

CHAIN-OF-CUSTODY RECORD

ANSFER 3

Form 0019
Field Technical Services
Rev. 08/89

947039

139252

O. H. MATERIALS CORP. • P. O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME <i>OHM / Camp Lejeune</i>		PROJECT LOCATION <i>Camp Lejeune, NC</i>	
PROJ. NO. <i>16207</i>	PROJECT CONTACT <i>Randy Smith</i>	PROJECT TELEPHONE NO. <i>910-451-1207</i>	
CLIENT'S REPRESENTATIVE		PROJECT MANAGER/SUPERVISOR <i>Kent Geis</i>	

NUMBER OF CONTAINERS

ANALYSIS DESIRED
(INDICATE SEPARATE CONTAINERS)
EPA 131320

ITEM NO	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED	REMARKS
1	PLT-DSS163C	10/1/94	15:14		X	Soil sample Area 1	1	X	
2	PLT-DSS164C	10/1/94	15:25		X	soil sample Area 1	1	X	
3	PLT-DSS165C	10/1/94	15:38		X	soil sample Area 1	1	X	
4	PLT-DSS166C	10/1/94	02:45		X	soil sample Area 1 one duplicate	2	X	
5	PLT-DSS173C	10/1/94	02:51		X	soil sample Area 1	1	X	
6	PLT-DSS-FB-116	10/1/94			X	Field Blank	1		Hold until instructed by client
7	PLT-DSS-RB-117	10/1/94			X	Private Blank	1		Hold until instructed by client
8	PLT-DSS176C	10/1/94	17:15		X	soil sample Area 2	1	X	Hold until instructed by client
9	PLT-DSS177C	10/1/94	17:19		X	soil sample Area 2	1	X	Hold until instructed by client
10	PLT-DSS178C	10/1/94	17:26		X	soil sample Area 2	1	X	Hold until instructed by client

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	10	<i>Missy Ald 8757</i>	<i>Kent Geis</i>			
2			<i>[Signature]</i>	10/1/94	10:30	
3						
4						

SAMPLER'S SIGNATURE



OHM Corporation

CHAIN-OF-CUSTODY RECORD

TRANSFER 3

Form 0019
Field Technical Services
Rev. 08/89

947639

139200

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME OHM / Camp Lejeune		PROJECT LOCATION Camp Lejeune, N.C.	
PROJ. NO. 16207	PROJECT CONTACT Randy Smith	PROJECT TELEPHONE NO. 910 4511809	
CLIENT'S REPRESENTATIVE		PROJECT MANAGER/SUPERVISOR Kent Geis	

NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)									
	EPA 14926									

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED	REMARKS
11	CLJ-DSS189C	10/2/94	1735		X	soil sample Area 2	2	X	held until instructed by client
12	CLJ-DSS190C	10/11/94	1741		X	soil sample Area 2	1	X	held until instructed by client
13	CLJ-DSS191C	10/11/94	1756		X	soil sample Area 2	1	X	held until instructed by client
4									
5									
6									
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	3	M. M. [Signature]	F. [Signature]			TAT - 48 hrs. 12:17
2				10/11/94	10:00	
3						
4						SAMPLER'S SIGNATURE

CORRECTIVE ACTION FORM

94J039

1) Nature of Discrepancy:

Samples listed. CW-DSS-156C = ⑧
CW-DSS-157C = ⑨

requests to be analyzed.

2) Corrective Action Taken:

(A large diagonal line is drawn across this section, indicating no corrective action was taken.)

Approved By:

Title: _____
Signature: _____
Date: _____

3) Result of Corrective Action:

Per M. Hargrett - please cancel request w.
these two samples - Do not test.

Date 10/21

4) Further Corrective Action Taken? Yes ___ No ___ Date _____

ANALYSIS REQUEST FORM

CLIENT NAME:

OHM

CKY CONTROL NO.:

945039

REQUESTED BY:

M. Art

DATE:

10-13-94

LOGGED BY:

C. Chavez

Rush

RUSH

CKY CONTROL NO.

CLIENT SAMPLE ID

COMMENTS

J039-10

8080 - Pesticides

J039-11

J039-12

J039-13

↓

OHM - Samples need only Pesticides!

Results to be faxed Monday 10/17.



CKY incorporated Analytical Laboratories

Date: 10-17-1994
CKY Batch No.: 94J043

Attn: Kent Geis

OHM
100 Dominion Drive # 107
Morrisville, N. Carolina 27560

Subject: Laboratory Report
Project: Camp Lejeune, NC

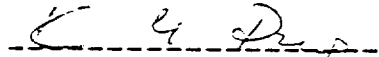
Enclosed is the Laboratory report for samples received on 10/14/94. The samples were received in coolers with ice and intact; the chain-of-custody forms were properly filled out. The data reported include :

<u>Sample ID</u>	<u>Control No.</u>	<u>Matrix</u>	<u>Analysis</u>
CLJ-DSS199C	J043-01	Soil	EPA 8080
CLJ-DSS200C	J043-02	Soil	EPA 8080

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,



Kam Y. Pang, Ph.D.
Laboratory Director

P.S. - All analyses requested for the above referenced project have been completed. Therefore, unless instructed, the remaining portions of the samples will be disposed after fifteen (15) days from the date of this report.

EPA METHOD 8080
PESTICIDES

```

=====
CLIENT:      OHM
PROJECT:     Camp Lejeune, NC
BATCH NO.:  94J043
SAMPLE ID:   CLJ-DSS199C
CONTROL NO.: J043-01
% MOISTURE:  NA
DATE COLLECTED: 10/12/94
DATE RECEIVED:  10/14/94
DATE EXTRACTED: 10/14/94
DATE ANALYZED:  10/14/94
MATRIX:        SOIL
DILUTION FACTOR: 100
=====

```

PARAMETERS	results (ug/kg)	RL (ug/kg)
alpha-BHC	ND	170
gamma-BHC (Lindane)	ND	170
Heptachlor	ND	170
Aldrin	ND	170
beta-BHC	ND	170
delta-BHC	ND	170
Heptachlor Epoxide	ND	170
Endosulfan I	ND	170
gamma-Chlordane	ND	170
alpha-Chlordane	ND	170
DDE	29	3.3
Dieldrin	ND	330
Endrin	ND	330
DDD	1200	330
Endosulfan II	ND	330
DDT	4200	330
Endrin aldehyde	ND	330
Endrin Ketone	ND	330
Methoxychlor	ND	1700
Endosulfan Sulfate	ND	330
Toxaphene	ND	17000
SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Tetrachloro-m-xylene	73	20-150
Decachlorobiphenyl	97	20-150

```

=====
RL : Reporting Limit
~  : Dilution Factor = 1

```


EPA METHOD 8080
PESTICIDES

```

=====
CLIENT:      OHM                      DATE COLLECTED: 10/12/94
PROJECT:     Camp Lejeune, NC         DATE RECEIVED:  10/14/94
BATCH NO.:   94J043                  DATE EXTRACTED: 10/14/94
SAMPLE ID:   CLJ-DSS200C             DATE ANALYZED:  10/14/94
CONTROL NO.: J043-02                 MATRIX:         SOIL
% MOISTURE:  NA                       DILUTION FACTOR: 100
=====

```

PARAMETERS	results (ug/kg)	RL (ug/kg)
alpha-BHC	ND	170
gamma-BHC (Lindane)	ND	170
Heptachlor	ND	170
Aldrin	ND	170
beta-BHC	ND	170
delta-BHC	ND	170
Heptachlor Epoxide	ND	170
Endosulfan I	ND	170
gamma-Chlordane	ND	170
alpha-Chlordane	ND	170
DDE	9.2	3.3
Dieldrin	ND	330
Endrin	ND	330
DDD	350	330
Endosulfan II	ND	330
DDT	1600	330
Endrin aldehyde	ND	330
Endrin Ketone	ND	330
Methoxychlor	ND	1700
Endosulfan Sulfate	ND	330
Toxaphene	ND	17000

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Tetrachloro-m-xylene	70	20-150
Decachlorobiphenyl	98	20-150

```

=====
RL : Reporting Limit
~  : Dilution Factor = 1
=====

```

EPA METHOD 8080
PESTICIDES

```

=====
CLIENT:      OHM                      DATE COLLECTED:  NA
PROJECT:     Camp Lejeune, NC         DATE RECEIVED:   NA
BATCH NO.:   94J043                  DATE EXTRACTED:  10/14/94
SAMPLE ID:   PBLK01                  DATE ANALYZED:   10/14/94
CONTROL NO.: J043-B1S                MATRIX:          SOIL
% MOISTURE:  NA                       DILUTION FACTOR: 1
=====

```

PARAMETERS	results (ug/kg)	RL (ug/kg)
alpha-BHC	ND	1.7
gamma-BHC (Lindane)	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
beta-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor Epoxide	ND	1.7
Endosulfan I	ND	1.7
gamma-Chlordane	ND	1.7
alpha-Chlordane	ND	1.7
DDE	ND	3.3
Dieldrin	ND	3.3
Endrin	ND	3.3
DDD	ND	3.3
Endosulfan II	ND	3.3
DDT	ND	3.3
Endrin aldehyde	ND	3.3
Endrin Ketone	ND	3.3
Methoxychlor	ND	17
Endosulfan Sulfate	ND	3.3
Toxaphene	ND	170

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Tetrachloro-m-xylene	36	20-150
Decachlorobiphenyl	93	20-150

RL : Reporting Limit

CKY QUALITY CONTROL DATA
LABORATORY CONTROL SAMPLE ANALYSIS

CLIENT: OHM
PROJECT: Camp Lejeune, NC
METHOD: EPA 8080
TRIX: SOIL

```

=====
BATCH NO.:      94J043          DATE RECEIVED:    NA
SAMPLE ID:      LCS1           DATE EXTRACTED:   10/14/94
CONTROL NO.:    PJ14-6        DATE ANALYZED:    10/14/94

ACCESSION:      94J043
  
```

PARAMETER	TRUE VALUE (ug/kg)	FOUND VALUE (ug/kg)	LCS RECOVERY (%)
gamma-BHC	16.67	11.09	67
Heptachlor	16.67	10.60	64
Aldrin	16.67	8.46	51
Dieldrin	33.33	29.31	88
Endrin	33.33	33.71	101
DDT	33.33	30.33	91
QC LIMIT:			50-150



OHM Corporation

CHAIN-OF-CUSTODY RECORD

TRANSFER 3

Form 0019
Field Technical Services
Rev. 08/89

94J043

I 5

139231

O. H. MATERIALS CORP. • P. O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME <i>OHM / Camp Lejeune</i>		PROJECT LOCATION <i>Camp Lejeune, NC</i>	
PROJ. NO. <i>16207</i>	PROJECT CONTACT <i>Randy Smith</i>	PROJECT TELEPHONE NO. <i>910-457-1809</i>	
CLIENT'S REPRESENTATIVE		PROJECT MANAGER/SUPERVISOR <i>Kent Geis</i>	

NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)									
	<i>EGP 10/20/90</i>									
	REMARKS									

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	REMARKS
1	<i>CLT-DSS199C</i>	<i>10/13/90</i>	<i>1800</i>		X	<i>Soil Sample Area 2</i>	
2	<i>CLT-DSS200C</i>	<i>10/13/90</i>	<i>1805</i>		X	<i>Soil Sample Area 2</i>	
3							
4							
5							
6							
7							
8							
9							
10							

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	<i>2</i>	<i>M. Geis</i>	<i>FEDEX</i>	<i>10/13/90</i>	<i>1800</i>	<i>478 KC TAF. T=4°C</i>
2		<i>FEDEX</i>	<i>DEBetal</i>	<i>10/14/90</i>	<i>10:30</i>	
3						
4						

SAMPLER'S SIGNATURE



CKY incorporated Analytical Laboratories

Date: 10-25-1994
CKY Batch No.: 94J076

Attn: Kent Geis

OHM
100 Dominion Drive # 107
Morrisville, N. Carolina 27560

Subject: Laboratory Report
Project: Camp Lejeune, NC

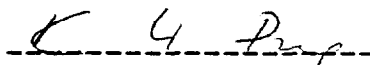
Enclosed is the Laboratory report for samples received on 10/21/94. The samples were received in coolers with ice and intact; the chain-of-custody forms were properly filled out. The data reported include :

<u>Sample ID</u>	<u>Control No.</u>	<u>Matrix</u>	<u>Analysis</u>
CLJ-DSS205C	J076-01	Soil	EPA 8080

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,


Kam Y. Pang, Ph.D.
Laboratory Director

P.S. - All analyses requested for the above referenced project have been completed. Therefore, unless instructed, the remaining portions of the samples will be disposed after fifteen (15) days from the date of this report.

EPA METHOD 8080
PESTICIDES and PCB's

```

=====
CLIENT:      OHM                      DATE COLLECTED: 10/18/94
PROJECT:     Camp Lejeune, NC         DATE RECEIVED:  10/21/94
BATCH NO.:   94J076                  DATE EXTRACTED: 10/21/94
SAMPLE ID:   CLJ-DSS205C             DATE ANALYZED:  10/21/94
CONTROL NO.: J076-01                 MATRIX:         SOIL
% MOISTURE:  NA                       DILUTION FACTOR: 1
=====

```

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
alpha-BHC	ND	1.7
gamma-BHC (Lindane)	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
beta-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor Epoxide	ND	1.7
Endosulfan I	ND	1.7
gamma-Chlordane	ND	1.7
alpha-Chlordane	ND	1.7
DDE	ND	3.3
Dieldrin	ND	3.3
Endrin	ND	3.3
DDD	ND	3.3
Endosulfan II	ND	3.3
DDT	ND	3.3
Endrin aldehyde	ND	3.3
Endrin Ketone	ND	3.3
Methoxychlor	ND	17
Endosulfan Sulfate	ND	3.3
Toxaphene	ND	170
Aroclor-1016	ND	33
Aroclor-1221	ND	67
Aroclor-1232	ND	33
Aroclor-1242	ND	33
Aroclor-1248	ND	33
Aroclor-1254	ND	33
Aroclor-1260	ND	33
SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Tetrachloro-m-xylene	108	20-150
Decachlorobiphenyl	124	20-150

RL : Reporting Limit

EPA METHOD 8080
PESTICIDES and PCB's

```

=====
CLIENT:      OHM
PROJECT:     Camp Lejeune, NC
BATCH NO.:  94J076
SAMPLE ID:   PBLK01
CONTROL NO.: J076-B1S
% MOISTURE:  NA

DATE COLLECTED: NA
DATE RECEIVED:  NA
DATE EXTRACTED: 10/21/94
DATE ANALYZED:  10/21/94
MATRIX:         SOIL
DILUTION FACTOR: 1
=====

```

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
alpha-BHC	ND	1.7
gamma-BHC (Lindane)	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
beta-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor Epoxide	ND	1.7
Endosulfan I	ND	1.7
gamma-Chlordane	ND	1.7
alpha-Chlordane	ND	1.7
DDE	ND	3.3
Dieldrin	ND	3.3
Endrin	ND	3.3
DDD	ND	3.3
Endosulfan II	ND	3.3
DDT	ND	3.3
Endrin aldehyde	ND	3.3
Endrin Ketone	ND	3.3
Methoxychlor	ND	17
Endosulfan Sulfate	ND	3.3
Toxaphene	ND	170
Aroclor-1016	ND	33
Aroclor-1221	ND	67
Aroclor-1232	ND	33
Aroclor-1242	ND	33
Aroclor-1248	ND	33
Aroclor-1254	ND	33
Aroclor-1260	ND	33
SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Tetrachloro-m-xylene	102	20-150
Decachlorobiphenyl	128	20-150

RL : Reporting Limit

CKY QUALITY CONTROL DATA
LABORATORY CONTROL SAMPLE ANALYSIS

CLIENT: OHM
PROJECT: Camp Lejeune, NC
METHOD: EPA 608
TRIX: SOIL

```

=====
BATCH NO.:      94J076          DATE RECEIVED:   NA
SAMPLE ID:      LCS1           DATE EXTRACTED:  10/21/94
CONTROL NO.:    PJ19-83        DATE ANALYZED:   10/21/94

ACCESSION:      94J076
  
```

PARAMETER	TRUE VALUE (ug/kg)	FOUND VALUE (ug/kg)	LCS RECOVERY (%)
gamma-BHC	16.67	18.18	109
Heptachlor	16.67	17.38	104
Aldrin	16.67	13.67	82
Dieldrin	33.33	33.79	101
Endrin	33.33	39.02	117
DDT	33.33	35.34	106
QC LIMIT:			50-150

**CKY
REPORT PACKAGE 1**



CKY incorporated Analytical Laboratories

Date: 11-15-1994
CKY Batch No.: 94J039

Attn: Kent Geis

OHM
100 Dominion Drive #107
Morrisville, N. Carolina 27560

Subject: Laboratory Report
Project: Camp Lejeune, NC

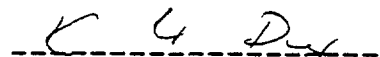
Enclosed is the Laboratory report for samples received on 10/12/94. The samples were received in coolers with ice and intact; the chain-of-custody forms were properly filled out. The data reported include :

Sample ID	Control No.	Matrix	Analysis
CLJ-DSS163C	J039-01	Soil	CLP Pesticide
CLJ-DSS164C	J039-02	Soil	CLP Pesticide
CLJ-DSS165C	J039-03	Soil	CLP Pesticide
CLJ-DSS172C	J039-04	Soil	CLP Pesticide
CLJ-DSS173C	J039-05	Soil	CLP Pesticide
CLJ-DSSFB1B	J039-06	Water	Hold
CLJ-DSSRB1A	J039-07	Water	Hold
CLJ-DSS186C	J039-08	NA	Cancelled
CLJ-DSS187C	J039-09	NA	Cancelled
CLJ-DSS188C	J039-10	Soil	CLP Pesticide
CLJ-DSS189C	J039-11	Soil	CLP Pesticide
CLJ-DSS190C	J039-12	Soil	CLP Pesticide
CLJ-DSS191C	J039-13	Soil	CLP Pesticide

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,



Kam Y. Pang, Ph.D.
Laboratory Director

P.S. - All analyses requested for the above referenced project have been completed. Therefore, unless instructed, the remaining portions of the samples will be disposed after fifteen (15) days from the date of this report.

LABORATORY REPORT FOR

OHM

CAMP LEJEUNE, NC

CHLORINATED PESTICIDES

SDG#: 94J039

NOVEMBER 15, 1994

CASE NARRATIVE

CLIENT: OHM
PROJECT: CAMP LEJEUNE, NC
SDG: 94J039

CHLORINATED PESTICIDES

Nine (9) soil samples were received on 10/12/94 for pesticides analysis in accordance with SW846.

1. Holding Time

All samples were extracted and analyzed within holding time.

2. Surrogate Recovery

Surrogate recoveries were all within QC limits.

3. Matrix Spike/Matrix Spike Duplicate

Sample J039-03 was designated for matrix spike/matrix spike duplicate. All recoveries were within QC limit.

4. Lab Control Sample

All recoveries were within QC limits.

5. Method Blank

Method Blank was free of contamination except beta-BHC and Heptachlor which had concentration below CRDL.

6. Instrument Performance and Calibration

Initial calibration was five-point, the RSD were all within QC limits. Continue calibration was done at 12-hour interval.

7. Sample Analysis

Samples J039-05, J039-11 and J039-12 were detected for target compounds which had concentrations above calibration range. Dilution was done on those samples in order to put concentration in range. Both results were reported.

000001



OHM Corporation

RUSH

CHAIN-OF-CUSTODY RECORD

94J039

LAB COPY
Form 0019
Field Technical Services
Rev. 08/89
139200

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME OHM / Camp Lejeune		PROJECT LOCATION Camp Lejeune, N.C	
PROJ. NO. 16207	PROJECT CONTACT Randy Smith	PROJECT TELEPHONE NO. 910 4511809	
CLIENT'S REPRESENTATIVE		PROJECT MANAGER/SUPERVISOR Kent Geis	

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)	EPA M8080									
	/ / / / / / / / / / / /									

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	REMARKS														
11	1 CLJ-DSS189C	10/14/94	1735		X	soil sample Area 2	2	X														Hold until instructed by OHM
12	2 CLJ-DSS190C	10/14/94	1744		X	soil sample Area 2	1	X														Hold until instructed by OHM
13	3 CLJ-DSS191C	10/14/94	1756		X	soil sample Area 2	1	X														Hold until instructed by OHM
4																						
5																						
6																						
7																						
8																						
9																						
10																						

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	3	Missy Lett 8757	Falsetti			TAT - 48 hrs, T=17°C
2	000003		286242	10/13/94	10:30	
3						
4						

SAMPLER'S SIGNATURE

QC SUMMARY

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: CKY Inc
Lab Code:
GC Column(1): DB608

Case No.:
ID: 0.32 (mm)

Contract:
SAS No.: SDG No.: 94J039
GC Column(2): DB1701 ID: 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
1	PBLK01	50	55	92	102			0
2	LCS01	79	101	92	98			0
3	CLJ-DSS163C	54	62	89	93			0
4	CLJ-DSS164C	36	45	89	95			0
5	CLJ-DSS165C	61	63	81	89			0
6	CLJ-DSS172C	62	62	88	95			0
7	CLJ-DSS173C	51	66	87	91			0
8	CLJ-DSS173CDL	89	92	89	139			0
9	CLJ-DSS188C	41	44	90	92			0
10	CLJ-DSS189C	61	67	92	95			0
11	CLJ-DSS189CDL	74	76	109	142			0
12	CLJ-DSS190C	48	56	90	94			0
13	CLJ-DSS190CDL	59	55	115	129			0
14	CLJ-DSS191C	61	113	90	99			0

ADVISORY
QC LIMITS
(20-150)
(20-150)

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CKY Inc Contract: 01-F000-06-I93-0024
 Lab Code: Case No.: SAS No.: SDG No.: 94J039
 Matrix Spike - EPA Sample No.: CLJ-DSS165C

COMPOUND	SPIKE ADDED (ug/KG)	SAMPLE CONCENTRATION (ug/KG)	MS CONCENTRATION (ug/KG)	MS % REC #	QC LIMITS REC.
gamma-BHC (Lindane)	19.30	0.00	16.82	87	46 127
Heptachlor	19.30	0.28	14.60	74	35 130
Aldrin	19.30	0.00	15.12	78	34 132
Dieldrin	38.61	0.00	35.36	92	31 134
Endrin	38.61	0.59	35.77	91	42 139
4,4'-DDT	38.61	11.20	39.67	74	23 134

COMPOUND	SPIKE ADDED (ug/KG)	MSD CONCENTRATION (ug/KG)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
gamma-BHC (Lindane)	19.30	17.37	90	3 ✓	50 46 127
Heptachlor	19.30	15.53	79	5 ✓	31 35 130
Aldrin	19.30	15.08	78	0 ✓	43 34 132
Dieldrin	38.61	36.22	94	2 ✓	38 31 134
Endrin	38.61	37.11	95	4 ✓	45 42 139
4,4'-DDT	38.61	41.89	80	5 ✓	50 23 134

Column to be used to flag recovery and RPD values with an asterisk
 * Values outside of QC limits

RPD: 0 out of 6 outside limits
 Spike Recovery: 0 out of 12 outside limits

COMMENTS: _____

3F-LCS
SOIL PESTICIDE LAB CONTROL SAMPLE RECOVERY

Lab Name: CKY Inc

Lab Code:

Case No.:

Lab Control Sample No.: LCS01

Contract: 01-F000-06-I93-0024

SAS No.:

SDG No.: 94J039

COMPOUND	SPIKE ADDED (ug/KG)	SAMPLE CONCENTRATION (ug/KG)	MS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	16.67	15.95	96 ✓	46-127
Heptachlor	16.67	14.33	86 ✓	35-130
Aldrin	16.67	14.33	86 ✓	34-132
Dieldrin	33.33	33.78	101 ✓	31-134
Endrin	33.33	32.66	98 ✓	42-139
4,4'-DDT	33.33	28.78	86 ✓	23-134

✓ MA

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

LCS Recovery: 0 out of 6 outside limits

COMMENTS:

PESTICIDE METHOD BLANK SUMMARY

PBLK01

L Name: CKY Inc Contract: 01-F000-06-I93-0024
 Lab Code: Case No.: SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-B1S Lab File ID: PJ13-4
 Matrix: (soil/water) SOIL Extraction: (SepF/Cont/Sonc) SONC
 Sulfur cleanup: (Y/N) N Date Extracted: 10-13-1994
 Date Analyzed (1): 10-13-1994 Date Analyzed (2): 10-13-1994
 Time Analyzed (1): 18:10:41 Time Analyzed (2): 18:10:41
 Instrument ID (1): GC3 Instrument ID (2): GC3
 GC Column (1): DB608 ID: 0.32 (mm) GC Column (2): DB1701 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	LCS01	J039-L1S	10-13-1994
2	CLJ-DSS163C	J039-01	10-13-1994
3	CLJ-DSS164C	J039-02	10-13-1994
4	CLJ-DSS165C	J039-03	10-13-1994
5	CLJ-DSS165CMS	J039-03S	10-13-1994
6	CLJ-DSS165CMSD	J039-03D	10-13-1994
7	CLJ-DSS172C	J039-04	10-13-1994
8	CLJ-DSS173C	J039-05	10-13-1994
9	CLJ-DSS173CDL	J039-05L	10-14-1994
10	CLJ-DSS188C	J039-10	10-13-1994
11	CLJ-DSS189C	J039-11	10-14-1994
12	CLJ-DSS189CDL	J039-11L	10-14-1994
13	CLJ-DSS190C	J039-12	10-14-1994
14	CLJ-DSS190CDL	J039-12L	10-14-1994
15	CLJ-DSS191C	J039-13	10-14-1994

COMMENTS:

000007

SAMPLE RESULTS

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS163C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.07 (g/ml) G
 % Moisture: 12 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-01
 Lab File ID: PJ13-13
 Date Received: 10/12/94
 Date Extracted: 10/13/94
 Date Analyzed: 10-13-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.93	D
319-85-7	beta-BHC	1.93	D
319-86-8	delta-BHC	1.93	D
58-89-9	gamma-BHC (Lindane)	1.93	D
76-44-8	Heptachlor	0.22	J
309-00-2	Aldrin	1.93	D
1024-57-3	Heptachlor epoxide	1.93	D
959-98-8	Endosulfan I	1.93	D
60-57-1	Dieldrin	3.74	D
72-55-9	4,4'-DDE	0.23	J
72-20-8	Endrin	3.74	D
33213-65-9	Endosulfan II	3.74	D
72-54-8	4,4'-DDD	1.30	J
1031-07-8	Endosulfan sulfate	3.74	D
50-29-3	4,4'-DDT	0.70	J
72-43-5	Methoxychlor	19.30	D
53494-70-5	Endrin ketone	3.74	D
7421-36-3	Endrin aldehyde	3.74	D
5103-71-9	alpha-Chlordane	1.93	D
5003-74-2	gamma-Chlordane	1.93	D
1-35-2	Toxaphene	192.73	D
12674-11-2	Aroclor-1016	37.41	D
11104-28-2	Aroclor-1221	75.96	D
11141-16-5	Aroclor-1232	37.41	D
53469-21-9	Aroclor-1242	37.41	D
12672-29-6	Aroclor-1248	37.41	D
11097-69-1	Aroclor-1254	37.41	D
11096-82-5	Aroclor-1260	37.41	D

Output redirected to LPT1:

J039-01 Processed: 10-13-1994 23:43:07, Segment 13, Cycle 13

End of sequence file reached at cycle 13

DATA SAVED IN FILE F:\NPL13-13.PIS Second Channel stored in F:\NPL13-13.PIS

***** EXTERNAL STANDARD TABLE *****

***** 10-13-1994 23:44:23 Version 5.2.0 *****

* Sample Name: J039-01 Data File: F:\NPL13-13 *

* Date: 10-13-1994 23:13:05 Method: CLP17 10-12-1994 12:28:01 Version: 0 *

* Interface: 12 Cycle#: 13 Operator: SC Channel: A Vial#: N/A *

* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument type: GC#3 Column type: DB1701 DB50X *

* Solvent description: HF *

* Conditions: 170C/1min 270C/2min 340C/min 290C/4min 310C/min *

* Detector 0: FID Detector 1: FID *

* Misc. Information: LPT1: *

Starting Delay: 0.00 Ending retention time: 30.00

Area reject: 0 One sample per 1.000 sec

Amount injected: 1.00 Dilution factor: 1.00

Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION [g DGB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT HEIGHT RL	REF PEAK	Z OFFSET	RET. TIME	CONC/AREA
13	5.695	TCX	21.8744	14.0572%	257448	51087	5.0 2	0	0941	8.4966E-05	
17	7.335	gamma-BHC	1.6123	1.0361%	22057	2281	9.7 2	0	-1.210	7.3095E-05	
20	7.602	beta-BHC	7.8757	5.0612%	55389	8895	6.2 2	0	-1.877	1.4219E-04	
23	10.688	Heptachlor	0.6720	0.4318%	7189	1004	3.1 1	0	1564	4.3733E-05	
24	12.057	Aldrin	1.3416	0.8622%	19703	4953	4.0 1	0	1.120	6.8091E-05	
27	15.514	Endosulfan I	1.4448	0.9285%	13708	3394	4.0 1	0	1077	1.0540E-04	
28	16.433	DOE	0.6873	0.4417%	7736	1818	4.3 1	0	-1.3039	8.8836E-05	
30	17.652	Endrin	40.8733	26.2665%	251407	66564	3.8 2	0	-2.367	1.6258E-04	
31	18.637	DDD	4.1043	2.6376%	27180	7557	3.6 1	0	-1.788	1.5100E-04	
32	18.971	Endosulfan II	0.3270	0.2102%	3045	814	3.7 1	0	1792	1.0740E-04	
34	19.789	DDT	2.3414	1.5047%	13985	2689	5.2 1	0	-2.825	1.6742E-04	
35	20.474	Endrin aldehyde	4.6077	2.9610%	28063	4605	6.1 1	0	1.574	1.6419E-04	
36	20.708	Endosulfan sulfate	5.7368	3.6866%	48781	11389	4.3 1	0	14048	1.1760E-04	
39	23.230	methoxychlor	24.1713	15.5333%	48980	12424	3.9 1	0	-2.2152	4.9350E-04	
44	27.856	DCB	37.9401	24.3815%	312036	67044	4.7 1	0	-2.792	1.2159E-04	

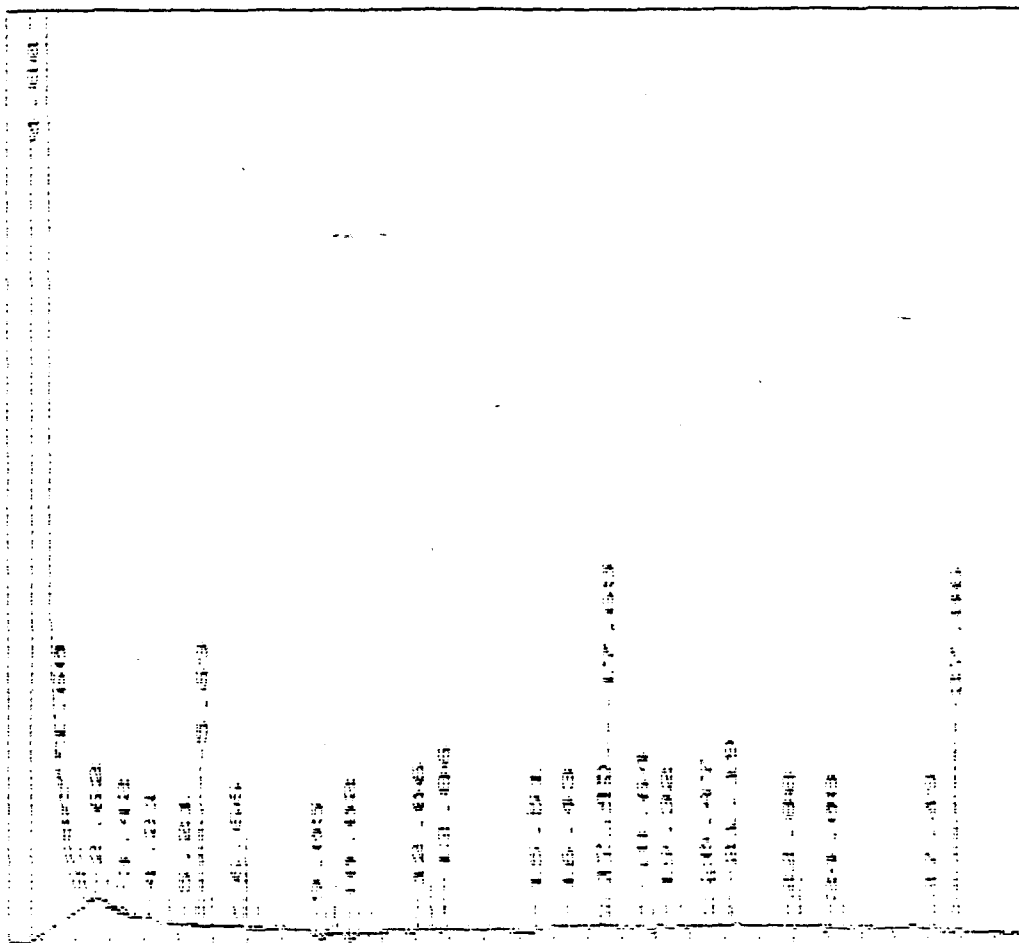
TOTAL AMOUNT = 155.6101

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	8.05	TCX
delta-BHC	11.17	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	15.23	TCX
alpha-Chlordane	15.41	TCX
Dieldrin	16.68	TCX
Endrin Ketone	23.58	TCX

000010

Areas, times, and heights stored in: E:\NP13-13.ATB
Data File = E:\NP13-13.PTS Printed on 10-13-1994 at 23:44:42
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



000011

***** EXTERNAL STANDARD TABLE *****

* ***** 10-13-1994 23:45:04 Version 5.2.0 *****
 * Sample Name: 1039-01 Data File: F:\M0113-14
 * Date: 10-13-1994 23:13:05 Method: DLP17 10-06-1994 13:47:21 Version: 1*
 * Interface: 12 Cycle#: 13 Operator: SC Channel: B Vial#: N.A.
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000

 * Instrument type: GC#3 Column type: DB1701 DB608
 * Solvent Description: HE
 * Conditions: 170C/1min 270C/7min @40/min 290C/4min @100/min
 * Detector 0: FID Detector 1: EGD
 * Misc. Information: I.P.I.: *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPT	NORMALIZED CONC	AREA	HEIGHT	HEIGHT RI	REF PEAK	% DIFFER PEAK TIME	CONC / AREA
3	2.529	TCX	21.2111	17.7450%	351158	60800	5.8 1	0	6493	5.8000E-05
7	5.528	Heptachlor	2.1574	1.8048%	26496	2241	11.8 1	0	-3012	8.1421E-05
10	7.064	para-BHC	13.8338	11.5732%	130425	29526	4.4 2	0	-1.427	1.0607E-04
11	8.133	Heptachlor epoxide	4.3313	3.6235%	69185	13412	5.2 1	0	-8146	6.7605E-05
12	9.769	DDP	2.4897	2.0824%	35134	5932	5.9 1	0	-5102	7.0851E-05
13	1.255	Endrin	2.6265	2.1973%	22051	6269	3.5 1	0	3115	1.1911E-04
17	12.325	Endosulfan II <i>DDD</i>	3.3477	2.8007%	40738	12584	3.2 1	0	-2702	8.2178E-05
18	12.842	DDT	3.2023	2.6740%	21363	3668	5.8 1	0	-5459	1.4940E-04
19	13.494	Endrin aldehyde	3.4308	2.8702%	29025	8540	3.4 1	0	-1.703	1.1800E-04
21	14.629	Endosulfan sulfate	0.5819	0.4864%	6719	2110	3.2 1	0	-1.351	8.6607E-05
22	15.548	Methoxychlor	14.4675	12.1034%	39359	10256	3.8 1	0	7.083	3.6748E-04
23	16.349	Endrin Ketone	7.9014	6.6102%	84762	22834	3.7 1	0	2.298	4.3219E-05
27	19.322	DCB	39.9514	33.4230%	469758	127424	3.7 1	0	-5159	8.5047E-05

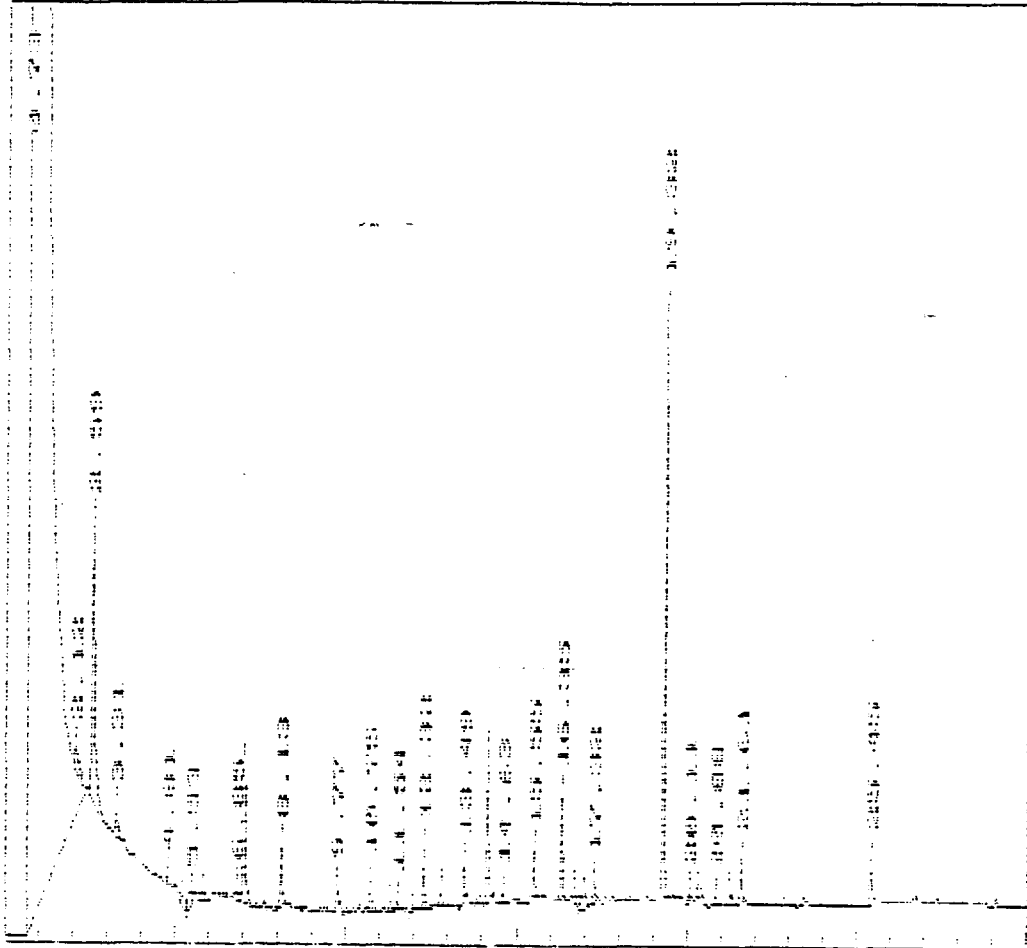
TOTAL AMOUNT = 114.5328

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	4.114	TCX
gamma-BHC	5.104	TCX
Aldrin	6.120	TCX
delta-BHC	7.125	TCX
Endosulfan I	8.193	TCX
gamma-chlordane	9.120	TCX
alpha-chlorodane	9.145	TCX
Dieldrin	10.110	TCX
DDD	12.41	TCX

000012

Areas, times, and heights stored in: E:\NOJ13-13.ATB
 Data File = E:\NOJ13-13.PTS Printed on 10-13-1994 at 23:45:27
 Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
 Full Range: 200 K-Counts



000013

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS164C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.05 (g/ml) G
 % Moisture: 17 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-02
 Lab File ID: PJ13-12
 Date Received: 10/12/94
 Date Extracted: 10/13/94
 Date Analyzed: 10-13-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.04	U
319-85-7	beta-BHC	2.04	U
319-86-8	delta-BHC	2.04	U
58-89-9	gamma-BHC (Lindane)	2.04	U
76-44-8	Heptachlor	2.04	U
309-00-2	Aldrin	0.32	J
1024-57-3	Heptachlor epoxide	2.04	P
959-98-8	Endosulfan I	2.04	U
60-57-1	Dieldrin	2.04	U
72-55-9	4,4'-DDE	3.97	U
72-20-8	Endrin	10.54	U
33213-65-9	Endosulfan II	0.44	J
72-54-8	4,4'-DDD	3.97	P
1031-07-8	Endosulfan sulfate	13.93	U
50-29-3	4,4'-DDT	3.97	U
72-43-5	Methoxychlor	18.87	U
53494-70-5	Endrin ketone	20.40	U
7421-36-3	Endrin aldehyde	3.97	U
5103-71-9	alpha-Chlordane	3.97	U
5103-74-2	gamma-Chlordane	2.04	U
11-35-2	Toxaphene	2.04	U
12674-11-2	Aroclor-1016	204.48	U
11104-28-2	Aroclor-1221	39.69	U
11141-16-5	Aroclor-1232	80.59	U
53469-21-9	Aroclor-1242	39.69	U
12672-29-6	Aroclor-1248	39.69	U
11097-69-1	Aroclor-1254	39.69	U
11096-82-5	Aroclor-1260	39.69	U

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLJ-DSS164C

La Name: CKY Inc
Lab Code: Case No.:
Lab Sample ID : J039-02
Instrument ID (1): GC3
GC Column(1): DB608 ID: 0.32 (mm)

Contract:
SAS No.: SDG No.: 94J039
Date(s) Analyzed: 10-13-1994 10-13-1994
Instrument ID (2): GC3
GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D		
			FROM	TO				
Heptachlor	1	10.69	10.63	10.77	0.32			
	2	5.54	5.49	5.63	1.41	333.8	340.6	MA
4,4'-DDE	1	16.45	16.43	16.57	10.54			
	2	9.75	9.77	9.91	11.49	9.1	9.0	MA
Endrin	1	18.14	18.06	18.20	0.44			
	2	10.75	10.67	10.81	5.26	1103	1095	MA
4,4'-DDD	1	18.64	18.62	18.76	14.43			
	2	12.32	12.34	12.48	13.93	3.6	✓	MA
4,4'-DDT	1	19.79	19.77	19.91	18.87			
	2	12.84	12.88	13.02	19.61	3.9	✓	MA

Output redirected to LPT1:
 JOB#9-02 Processed: 10-13-1994 23:09:29, Segment 12, Cycle 12
 RAW DATA SAVED IN FILE F:\P113-12.PTS Second Channel Stored in F:\Q0113-12.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-13-1994 23:10:50 version 5.12.0 *****
 * Sample Name: J039-02 Data File: F:\P113-12 *
 * Date: 10-13-1994 22:39:27 Method: CLP17 10-12-1994 12:28:01 Version: 2 *
 * Interface: 12 Cycle#: 12 Operator: SU Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument type: GC#3 Column Type: DB1701 DB60X *
 * Solvent Description: HF *
 * Conditions: 1700/1min 2700/7min 840/1min 2900/4min 8100/7min *
 * Detector 0: FID Detector 1: FID *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% RETS	REF TIME	CONC/AREA
12	5.695	TCX	14.8765	6.8119%	175087	34567	5.12	0	2941	8.4966E-05	
18	9.419	gamma-BHC	0.6405	0.2933%	8762	1314	6.72	0	-5290	7.3095E-05	
17	1.664	beta-BHC	1.3482	0.6173%	9482	1856	5.12	0	-1.194	1.4219E-04	
22	10.688	Heptachlor	0.9462	0.4333%	10095	1600	6.31	0	1564	4.3713E-05	
23	11.105	alpha-BHC	0.3063	0.1403%	4867	1186	4.11	0	-5979	8.3009E-05	
24	11.657	Aldrin	0.8064	0.3693%	11844	2180	5.42	0	-5607	5.8091E-05	
28	14.245	Heptachlor epoxide	0.7455	0.3414%	8170	1525	5.31	0	8274	8.1476E-05	
29	15.147	gamma-Chlordane	0.7327	0.3355%	9894	1889	5.21	0	-5497	7.4049E-05	
30	15.531	Endosulfan I	1.7100	0.7830%	16273	4101	4.01	0	2155	1.0540E-04	
32	16.449	DDE	29.5623	13.5366%	332775	90067	3.71	0	-2076	8.8836E-05	
36	18.136	Endrin	1.4168	0.6487%	8714	1832	4.81	0	3108	1.5258E-04	
37	18.637	DDD	42.8892	19.5389%	294028	72824	3.91	0	-1748	1.5100E-04	
38	18.988	Endosulfan II	0.6394	0.2928%	5953	1141	5.21	0	7978	1.0740E-04	
41	19.789	DDT	59.8241	27.3934%	357328	93795	3.81	0	-2525	1.5747E-04	
42	20.474	Endrin aldehyde	5.8929	2.6688%	34673	7779	4.52	0	1574	1.5419E-04	
43	20.708	Endosulfan sulfata	13.7586	6.3001%	116994	24771	4.72	0	1498	1.1760E-04	
46	23.230	Methoxychlor	4.7154	2.1592%	9555	2344	4.11	0	-2152	4.9350E-04	
47	27.956	DDB	37.7779	17.2984%	310702	65994	4.71	0	-2392	1.2159E-04	

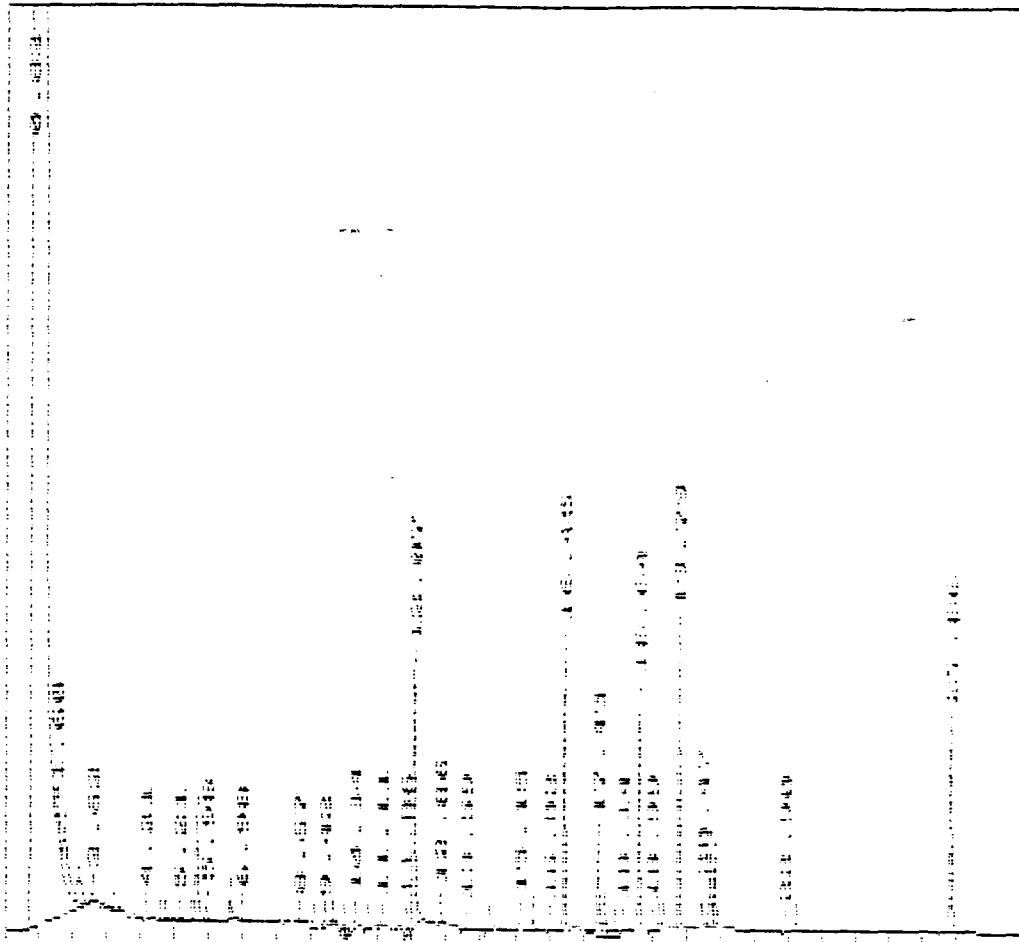
TOTAL AMOUNT = 214.3890

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	8.05	TCX
alpha-Chlordane	15.41	TCX
Dieldrin	16.68	TCX
Endrin Ketone	23.58	TCX

000016

Areas, times and heights stored in: E:\NPJ13-12.ATR
Data File = E:\NPJ13-12.PTS Printed on 10-13-1994 at 23:11:09
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0.000
Full Range: 300 K-Counts



000017

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 03:52:18 Version 5.2.0 *****
 * Sample Name: J039-02 Data File: E:\QJ13-12 *
 * Date: 10-13-1994 22:39:27 Method: DLP17 10-14-1994 03:51:55 Version: 3 *
 * Interface: 12 Cycle#: 12 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.589	TCX	15.4888	4.5863%	256423	40558	6.3 1	0	.6493	6.0403E-05
4	5.544	Heptachlor	3.9821	1.1791%	48908	3218	15.2 1	0	0	8.1421E-05
6	7.164	beta-BHC	77.4698	22.9393%	730390	134028	5.4 1	0	-2.2325	1.0607E-04
7	7.649	delta-BHC	0.9021	0.2671%	17086	1255	13.6 1	0	-1.293	5.2799E-05
10	135	gamma-Chlordane	1.2440	0.3683%	20243	2426	8.3 1	0	-7.259	6.1450E-05
11	9.753	DDE	-32.1363	9.5158%	453509	129971	3.5 1	0	-6.802	7.0861E-05
13	10.755	Endrin	16.8318	4.9840%	141312	41144	3.4 1	0	.3115	1.1911E-04
16	12.325	DDD	-41.5967	12.3171%	354143	92757	3.8 3	0	0	1.1746E-04
18	12.842	DDT	-64.2678	19.0301%	428728	122436	3.5 2	0	-6.459	1.4990E-04
19	13.494	Endrin aldehyde	4.9110	1.4542%	41619	12135	3.4 1	0	-1.703	1.1800E-04
21	14.629	Endosulfan sulfate	4.2717	1.2649%	49323	13368	3.7 2	0	-1.351	8.6607E-05
22	15.548	Methoxychlor	31.8911	9.4432%	86782	21037	4.1 1	0	2.083	3.6748E-04
23	16.349	Endrin ketone	1.5566	0.4609%	16698	3907	4.3 1	0	2.298	9.3219E-05
25	19.322	DCB	41.1665	12.1897%	484045	127610	3.8 1	0	-5.519	8.5047E-05

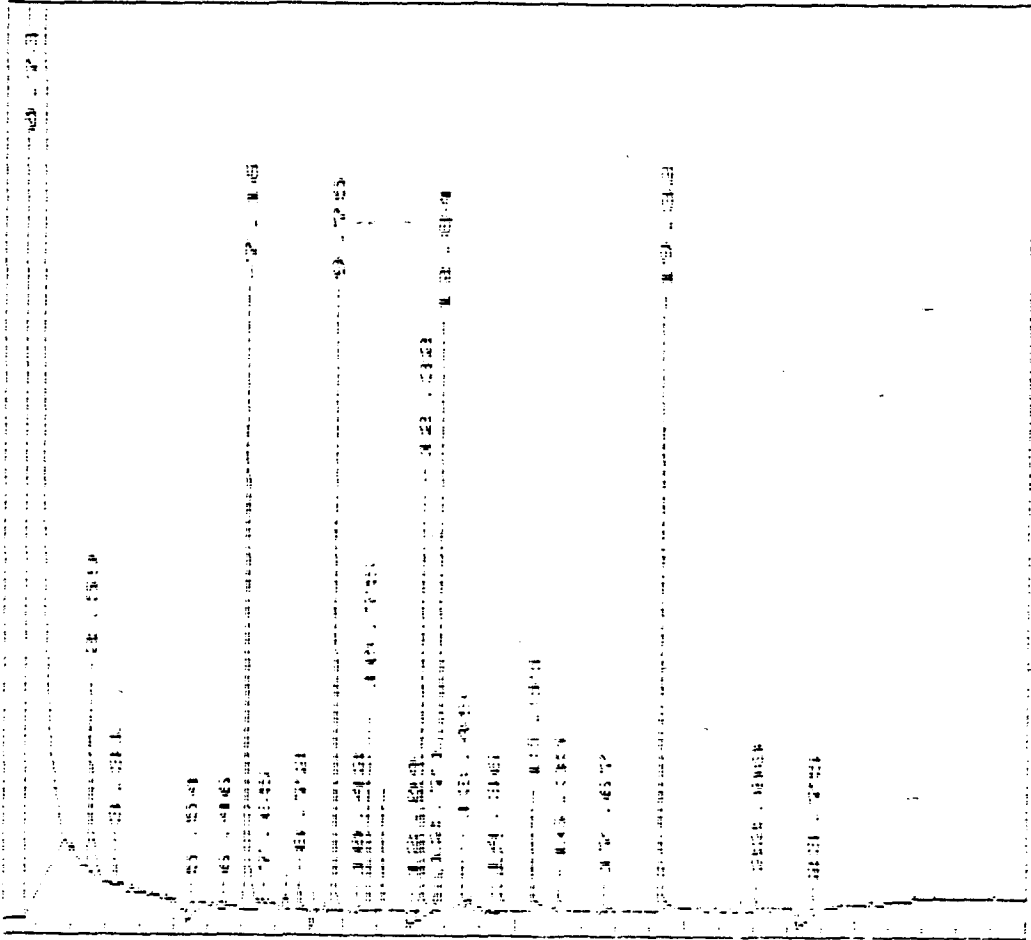
TOTAL AMOUNT = 337.7162

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Aldrin	6.20	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan I	8.93	TCX
alpha-Chlorodane	9.45	TCX
Dieldrin	10.10	TCX
Endosulfan II	12.28	TCX

000018

Areas, times, and heights stored in: E:\NOJ13-12.AIB
Data File = E:\NOJ13-12.PTS Printed on 10-13-1994 at 23:11:54
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0.000
Full Range: 200 K-Counts



000019

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS165C

Lab Name: CKY Inc
 Lab Code: _____
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.12 (g/ml) G
 % Moisture: 14 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH: _____

Contract: _____
 SAS No.: _____
 SDG No.: 94J039
 Lab Sample ID: J039-03
 Lab File ID: PJ13-9
 Date Received: 10/12/94
 Date Extracted: 10/13/94
 Date Analyzed: 10-13-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.97	U
319-85-7	beta-BHC	1.97	U
319-86-8	delta-BHC	1.97	U
58-89-9	gamma-BHC (Lindane)	1.97	U
76-44-8	Heptachlor	0.28	J
309-00-2	Aldrin	1.97	P
1024-57-3	Heptachlor epoxide	1.97	U
959-98-8	Endosulfan I	1.97	U
60-57-1	Dieldrin	3.82	U
72-55-9	4,4'-DDE	0.66	J
72-20-8	Endrin	0.59	J
33213-65-9	Endosulfan II	3.82	P
72-54-8	4,4'-DDD	4.59	P
1031-07-8	Endosulfan sulfate	3.82	P
50-29-3	4,4'-DDT	11.20	U
72-43-5	Methoxychlor	19.69	U
53494-70-5	Endrin ketone	3.82	U
7421-36-3	Endrin aldehyde	3.82	U
5103-71-9	alpha-Chlordane	1.97	U
5103-74-2	gamma-Chlordane	1.97	U
8001-35-2	Toxaphene	196.89	U
12674-11-2	Aroclor-1016	38.22	U
11104-28-2	Aroclor-1221	77.60	U
11141-16-5	Aroclor-1232	38.22	U
53469-21-9	Aroclor-1242	38.22	U
12672-29-6	Aroclor-1248	38.22	U
11097-69-1	Aroclor-1254	38.22	U
11096-82-5	Aroclor-1260	38.22	U

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLJ-DSS165C

L Name: CKY Inc
Lab Code: Case No.:
Lab Sample ID : J039-03
Instrument ID (1): GC3
GC Column(1): DB608 ID: 0.32 (mm)

Contract:
SAS No.: SDG No.: 94J039
Date(s) Analyzed: 10-13-1994 10-13-1994
Instrument ID (2): GC3
GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D		
			FROM	TO				
Heptachlor	1	10.69	10.63	10.77	0.28	135.3	132.1	MA
	2	5.54	5.49	5.63	0.65			
4,4'-DDE	1	16.47	16.43	16.57	0.66	5.9	6.1	MA
	2	9.77	9.77	9.91	0.70			
Endrin	1	18.15	18.06	18.20	0.59	75.1	74.6	MA
	2	10.77	10.67	10.81	1.03			
4,4'-DDD	1	18.64	18.62	18.76	5.96	29.8	✓	MA
	2	12.34	12.34	12.48	4.59			
4,4'-DDT	1	19.79	19.77	19.91	11.20	5.7	5.6	MA
	2	12.86	12.88	13.02	11.83			

Output redirected to LPT1:
 J039-03 Processed: 10-13-1994 21:33:22. Segment 9. Cycle 9
 RAW DATA SAVED IN FILE E:\P113-9.PTS Second Channel Stored in E:\P113-9.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-13-1994 21:34:43 Version 5.2.0 *****
 * Sample Name: J039-03 Data File: E:\P113-9 *
 * Date: 10-13-1994 20:58:39 Method: CLP17 10-12-1994 12:28:01 Version: 2 *
 * Integrate: 12 Cycle#: 9 Operator: SC Channel: 9 Vial#: N/A *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1703 DB608 *
 * Solvent Description: HF *
 * Conditions: 1700/min 2700/min 440/min 2900/min 8100/min *
 * Detector 0: FID Detector 1: FID *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.000 sec
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
19	5.595	TCX	25.0463	18.1674%	294780	54915	5.4 2	0	.2941	8.4966E-05
26	9.436	gamma-BHC	0.7587	0.5504%	10380	1554	6.7 2	0	-.3527	7.3095E-05
27	1.553	beta-BHC	1.3899	1.0082%	9775	1427	6.8 2	0	-1.365	1.4219E-04
30	10.588	Methoxychlor	0.8402	0.6095%	8964	1378	6.5 1	0	.1564	9.3733E-05
31	11.105	delta-BHC	0.2498	0.1812%	3964	1040	3.8 1	0	-.5979	6.3009E-05
32	11.874	Aldrin	0.7000	0.5076%	10281	2114	4.9 2	0	-.4291	6.8891E-05
35	14.245	Methoxychlor espoxide	0.6074	0.4370%	7344	1289	5.7 1	0	.4274	8.1436E-05
37	16.446	DDT	1.9310	1.4006%	21736	5065	3.5 1	0	-.1013	8.8835E-05
40	18.153	Endrin	1.4820	1.0377%	12191	1551	7.9 1	0	.4031	1.6258E-04
41	18.537	DDD	18.3967	13.3441%	121810	31978	3.8 1	0	-.1788	1.8100E-04
43	19.349	DDT	36.8638	26.7342%	220186	58835	3.9 1	0	-.2525	1.8742E-04
44	20.341	Endrin aldehyde	2.6272	1.9056%	16001	4136	3.9 1	0	1.457	1.4219E-04
45	20.725	Endosulfan sulfate	11.9625	8.6770%	101721	23328	4.4 1	0	.4858	1.1760E-04
46	27.872	DDT	34.5134	25.0344%	283853	60477	4.7 1	0	-.1794	1.2154E-04

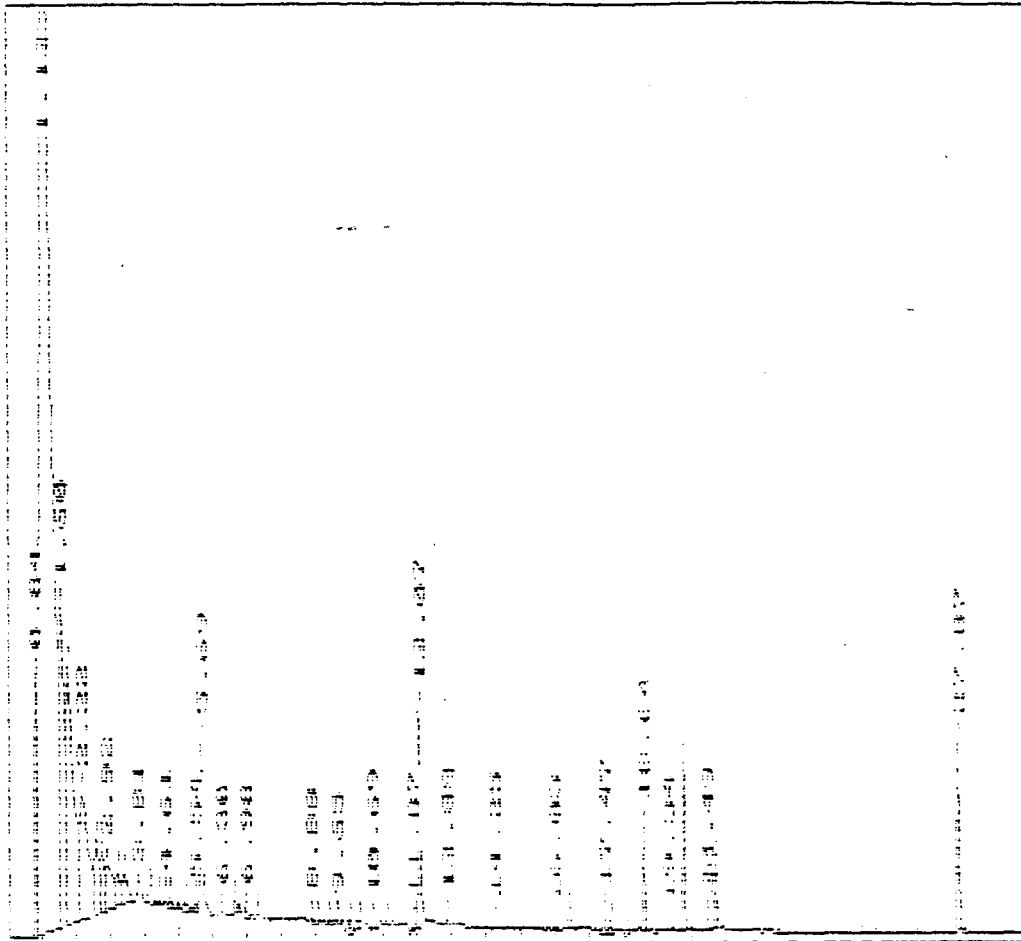
TOTAL AMOUNT = 137.8639

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	8.105	TCX
gamma-Chlordane	15.23	TCX
alpha-Chlordane	15.41	TCX
Endosulfan I	15.50	TCX
Dieldrin	16.68	TCX
Endosulfan II	18.84	TCX
Methoxychlor	23.28	TCX
Endrin Ketone	23.58	TCX

000022

Areas, times, and heights stored in: E:\NPJ13-9.AIB
Data File = E:\NPJ13-9.PTS Printed on 10-13-1994 at 21:35:01
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0.00 s
PMT Range: 300 K-COUNTS



***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 03:21:56 Version 5.2.0 *****
 * Sample Name: J039-03 Data File: E:\AQJ13-9 *
 * Date: 10-13-1994 20:58:39 Method: F:\DLPI7 10-13-1994 22:21:27 Version: 2 *

* Interface: 12 Cycle#: 9 Operator: SC Channel: 8 Visi#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
3	2.589	TCX	21.7379	10.2641%	359879	63771	5.6 1	0	.5493	6.8403E-05
7	5.544	Heptachlor	1.9192	0.9062%	23571	1938	12.2 1	0	0	8.1421E-05
8	7.164	beta-BHC	53.7857	25.3962%	507095	102112	5.0 1	0	-.2325	1.0607E-04
9	9.135	gamma-Chlordane	1.5907	0.7511%	25887	2448	10.6 1	0	-.7259	6.1450E-05
10	9.769	DDE	2.0378	0.9622%	28757	8923	3.2 1	0	-.5102	7.0861E-05
11	10.337	Dieldrin	0.9136	0.4314%	10841	1142	9.5 1	0	2.314	8.4269E-05
12	10.771	Endrin	3.4282	1.6187%	28781	8657	3.3 1	0	.4672	1.1911E-04
15	12.341	DDD <i>4.7</i>	14.2413	6.7244%	121247	31865	3.8 2	0	-.1351	1.1746E-04
16	12.859	DDT	40.2568	19.0129%	268618	81638	3.3 1	0	-.5167	1.4990E-04
17	13.510	Endrin aldehyde	2.4712	1.1668%	20942	5939	3.5 1	0	-.1581	1.1800E-04
18	15.548	Methoxychlor	30.8932	14.5870%	84067	20377	4.1 1	0	2.083	3.6748E-04
20	19.339	DCB	38.5008	18.1791%	452702	118572	3.8 1	0	-.4299	8.5047E-05

TOTAL AMOUNT = 211.7863

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Aldrin	6.20	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan I	8.93	TCX
alpha-Chlorodane	9.45	TCX
Endosulfan II	12.30	TCX
Endosulfan sulfate	14.83	TCX
Endrin Ketone	15.98	TCX

000024

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS172C

Lab Name: CKY Inc Contract:
 Lab Code: Case No.: SAS No.: SDG No.: 94J039
 Matrix: (soil/water) SOIL Lab Sample ID: J039-04
 Sample wt/vol: 30.01 (g/ml) G Lab File ID: PJ13-8
 % Moisture: 16 decanted: (Y/N) N Date Received: 10/12/94
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 10/13/94
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10-13-1994
 Injection Volume: 2.5 (uL) Dilution Factor: 1
 GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.02	U
319-85-7	beta-BHC	2.02	U
319-86-8	delta-BHC	2.02	U
58-89-9	gamma-BHC (Lindane)	2.02	U
76-44-8	Heptachlor	0.35	J
309-00-2	Aldrin	2.02	U
1024-57-3	Heptachlor epoxide	2.02	U
959-98-8	Endosulfan I	2.03	U
60-57-1	Dieldrin	3.93	U
72-55-9	4,4'-DDE	5.82	U
72-20-8	Endrin	0.35	J
33213-65-9	Endosulfan II	3.93	U
72-54-8	4,4'-DDD	29.91	U
1031-07-8	Endosulfan sulfate	3.93	U
50-29-3	4,4'-DDT	32.04	U
72-43-5	Methoxychlor	20.23	U
53494-70-5	Endrin ketone	3.93	U
7421-36-3	Endrin aldehyde	3.93	U
5103-71-9	alpha-Chlordane	2.02	U
5103-74-2	gamma-Chlordane	2.02	U
11-35-2	Toxaphene	202.31	U
12674-11-2	Aroclor-1016	39.27	U
11104-28-2	Aroclor-1221	79.74	U
11141-16-5	Aroclor-1232	39.27	U
53469-21-9	Aroclor-1242	39.27	U
12672-29-6	Aroclor-1248	39.27	U
11097-69-1	Aroclor-1254	39.27	U
11096-82-5	Aroclor-1260	39.27	U

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLJ-DSS172C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Lab Sample ID : J039-04
 Instrument ID (1): GC3
 GC Column(1): DB608 ID: 0.32 (mm)

Contract:
 SAS No.: SDG No.: 94J039
 Date(s) Analyzed: 10-13-1994 10-13-1994
 Instrument ID (2): GC3
 GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D	
			FROM	TO			
Heptachlor	1	10.70	10.63	10.77	0.35		
	2	5.56	5.49	5.63	0.79	126.5 125.7	MA
4,4'-DDE	1	16.47	16.43	16.57	5.82		
	2	9.79	9.77	9.91	6.19	6.3 6.4	MA
Endrin	1	18.17	18.06	18.20	0.35		
	2	10.79	10.67	10.81	6.48	1767 1751	MA
4,4'-DDD	1	18.65	18.62	18.76	33.59		
	2	12.34	12.34	12.48	29.91	12.3	✓ MA
4,4'-DDT	1	19.81	19.77	19.91	32.04		
	2	12.88	12.88	13.02	33.46	4.4	✓ MA

Output redirected to LPT1:

JO39-04 Processed: 10-13-1994 20:55:03, Segment X, Cycle X
RAW DATA SAVED IN FILE E:\PJ13-8.PTS Second Channel Stored in E:\PJ13-8.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-13-1994 20:56:23 version 5.2.0 *****

* Sample Name: JO39-04 Data File: E:\PJ13-8 *
 * Date: 10-13-1994 20:25:00 Method: CLP17 10-12-1994 12:28:01 Version: 2*
 * Interface: 12 Cycle#: 8 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak width: 15 Threshold: 15 Area threshold: 1500 *

* Instrument type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HF *
 * Conditions: 170C/1min 270C/7min 40C/1min 290C/4min 410C/1min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: IPI1: * *

Starting Delay: 0.00 Ending Retention Time: 30.00
 Area reject: 0 One sample per 1.000 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION IN GGA	NORMALIZED CONC	AREA AWFS	HEIGHT	HEIGHT HEIGHT RL	REF PEAK	REF RET TIME	CONC CONC GGA
18	5.711	TCX	25.4858	8.5564%	299482	55446	5.4 2	0	.5882	8.4966E-05
22	8.116	alpha-BHC	0.8829	0.2964%	13231	2024	6.5 1	0	.8298	8.6730E-05
24	9.436	gamma-BHC	0.4766	0.1600%	6521	1127	5.8 2	0	-.3527	7.8095E-05
27	10.037	Beta-BHC	5.0225	1.5852%	35323	4542	7.8 1	0	2.559	1.4219E-04
29	10.705	Heptachlor	1.0328	0.3467%	11018	1475	7.5 1	0	.3124	4.3733E-05
31	12.991	Aldrin	1.8928	0.6355%	27797	6495	4.3 1	0	1.400	8.8091E-05
33	15.164	gamma-Chlordane	0.7748	0.2601%	10463	2917	3.6 1	0	-.4385	7.4049E-05
34	15.648	Endosulfan I	1.4076	0.4726%	13356	3354	4.0 1	0	.3232	1.0540E-04
35	16.466	DDE	-16.5097	5.5428%	185845	49457	3.8 2	0	-.1013	8.8836E-05
36	16.783	Dieldrin	0.5281	0.1773%	4767	1158	4.1 2	0	.6005	1.1080E-04
39	18.170	Endrin	1.1351	0.3811%	6982	1919	3.6 1	0	.4955	1.6258E-04
40	18.654	DDD	-100.9030	33.8762%	668218	178511	3.7 1	0	0	1.5100E-04
44	19.806	DDT	-102.6815	34.4733%	613314	161076	3.8 1	0	-.1683	1.6742E-04
45	20.508	Endosulfan sulfate	1.7400	0.5842%	14796	3730	4.0 1	0	-.5668	1.1760E-04
48	27.872	DCB	37.3852	12.5513%	307472	65000	4.7 1	0	-.1794	1.2154E-04

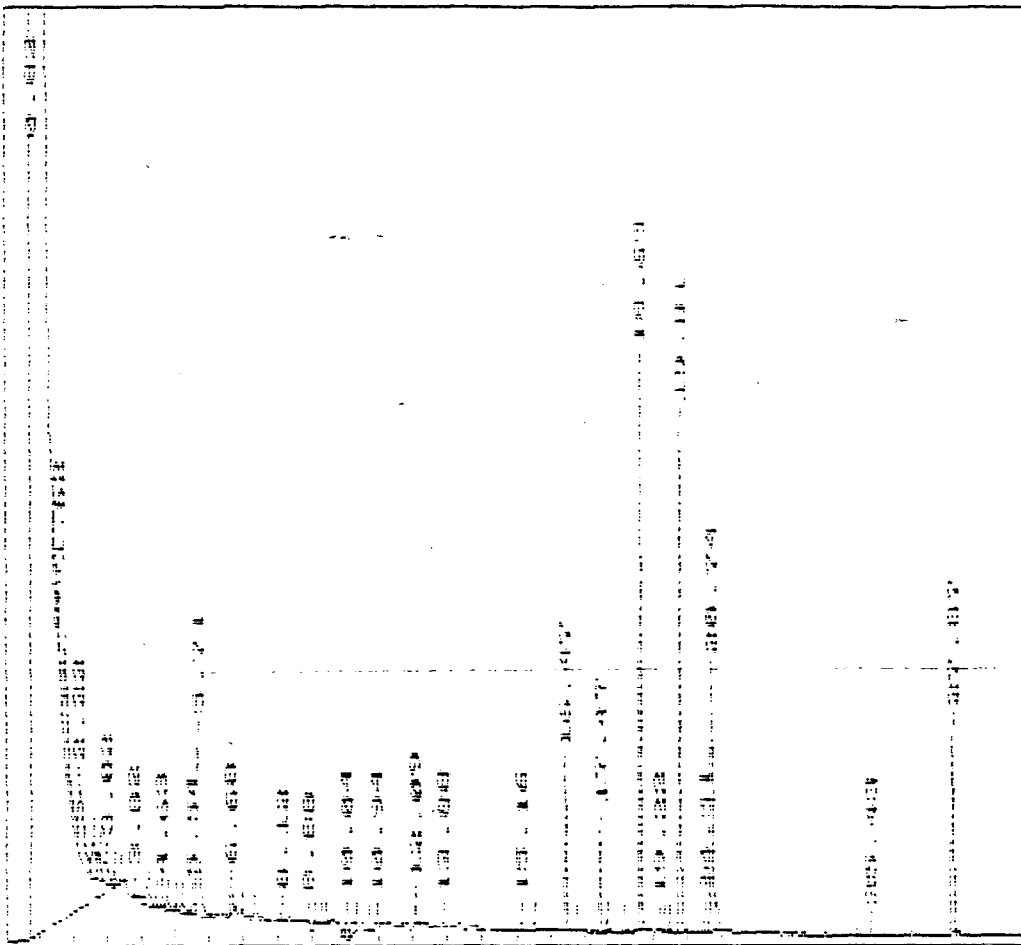
TOTAL AMOUNT = 297.8584

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
gamma-BHC	11.17	TCX
Heptachlor epoxide	14.13	TCX
alpha-Chlordane	15.41	TCX
Endosulfan II	18.84	TCX
Endrin aldehyde	20.16	TCX
Methoxychlor	23.28	TCX
Endrin Ketone	23.58	TCX

000028

Areas, times, and heights stored in: E:\NPI13-8.ATB
Data File = E:\NPI13-8.PTS Printed on 10-13-1994 at 20:56:42
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Pul Range: 300 K-Counts



000029

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 03:20:56 Version 5.2.0 *****
 * Sample Name: J039-04 Data File: E:\QJ13-8 *
 * Date: 10-13-1994 20:25:00 method: F:\DLP17 10-13-1994 22:21:27 Version: 2 *

* Interface: 12 Cycle#: 8 Operator: SC Channel: 8 Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *

* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min. *

* Detector 0: ECD Detector 1: ECD *

* Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED - CONC	AREA	HEIGHT	HEIGHT 8L	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.605	TCX	21.4911	4.7091%	355794	62934	5.7 1	0	1.298	6.0403E-05
6	5.561	Heptachlor	2.2710	0.4976%	27892	2104	13.3 1	0	3011	8.1421E-05
7	7.181	beta-BHC	2.2054	0.4833%	20793	5378	3.9 1	0	0	1.0607E-04
8	8.751	Endosulfan I	2.4080	0.5276%	29349	6015	4.9 1	0	-2.056	8.2047E-05
9	9.486	alpha-Chlorodane	0.7208	0.1579%	11722	1535	7.6 1	0	3533	6.1491E-05
10	9.786	DDE	17.4939	3.8332%	246875	71187	3.5 1	0	-3401	7.0861E-05
11	10.788	Engrin	20.9374	4.5878%	175780	49157	3.6 1	0	6230	1.1911E-04
14	12.341	DDD	-90.3081	19.7882%	768859	224330	3.4 2	0	-1351	1.1746E-04
16	12.976	DDT	110.8612	24.2917%	739551	211689	3.5 2	0	-3875	1.4990E-04
17	13.510	Endrin aldehyde	2.2157	0.4855%	18777	5849	3.2 1	0	-1.581	1.1800E-04
18	14.563	Endosulfan sulfate	0.5653	0.1239%	6527	1863	3.5 1	0	-1.126	8.6607E-05
19	15.564	Methoxychlor	143.8527	31.5208%	391453	85175	4.6 1	0	2.192	3.6748E-04
21	19.355	DCB	41.0437	8.9934%	482601	126562	3.8 1	0	-3439	8.5047E-05

TOTAL AMOUNT = 456.3743

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Aldrin	6.20	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
gamma-Chlordane	9.20	TCX
Dieldrin	10.10	TCX
Endosulfan II	12.30	TCX
Endrin Ketone	15.98	TCX

000030

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS173C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.01 (g/ml) G
 % Moisture: 16 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-05
 Lab File ID: PJ13-7
 Date Received: 10/12/94
 Date Extracted: 10/13/94
 Date Analyzed: 10-13-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
319-84-6	alpha-BHC		2.02	U
319-85-7	beta-BHC		2.02	U
319-86-8	delta-BHC		2.02	U
58-89-9	gamma-BHC (Lindane)		2.02	U
76-44-8	Heptachlor		0.14	JP
309-00-2	Aldrin		2.02	U
1024-57-3	Heptachlor epoxide		2.02	U
959-98-8	Endosulfan I		2.02	U
60-57-1	Dieldrin		0.33	JP
72-55-9	4,4'-DDE		2.67	J
72-20-8	Endrin		0.55	JP
33213-65-9	Endosulfan II		3.93	U
72-54-8	4,4'-DDD	162.44		
1031-07-8	Endosulfan sulfate		3.93	U
50-29-3	4,4'-DDT		21.31	
72-43-5	Methoxychlor		20.23	U
53494-70-5	Endrin ketone		3.93	U
7421-36-3	Endrin aldehyde		3.93	U
7003-71-9	alpha-Chlordane		2.02	U
7003-74-2	gamma-Chlordane		2.02	U
8001-35-2	Toxaphene	202.31		U
12674-11-2	Aroclor-1016	39.27		U
11104-28-2	Aroclor-1221	79.74		U
11141-16-5	Aroclor-1232	39.27		U
53469-21-9	Aroclor-1242	39.27		U
12672-29-6	Aroclor-1248	39.27		U
11097-69-1	Aroclor-1254	39.27		U
11096-82-5	Aroclor-1260	39.27		U

FORM I PEST

3/90

000032

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLJ-DSS173C

Lab Name: CKY Inc
Lab Code: Case No.:
Lab Sample ID : J039-05
Instrument ID (1): GC3
GC Column(1): DB608 ID: 0.32 (mm)

Contract:
SAS No.: SDG No.: 94J039
Date(s) Analyzed: 10-13-1994 10-13-1994
Instrument ID (2): GC3
GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D	
			FROM	TO			
Heptachlor	1	10.69	10.63	10.77	0.14		
	2	5.54	5.49	5.63	0.52	257.1 271.4	MA
Dieldrin	1	16.78	16.64	16.78	1.33		
	2	10.14	10.06	10.20	0.33	297.1 303	MA
4,4'-DDE	1	16.48	16.43	16.57	3.18		
	2	9.79	9.77	9.91	2.67	19.2 19.1	MA
Endrin	1	18.09	18.06	18.20	0.55		
	2	10.79	10.67	10.81	46.76	8387 8402	MA
4,4'-DDD	1	18.67	18.62	18.76	192.37		
	2	12.34	12.34	12.48	162.44	18.4	✓ MA
4,4'-DDT	1	19.82	19.77	19.91	21.31		
	2	12.88	12.88	13.02	22.78	6.9	✓ MA

Output redirected to LPT1:

J039-05 Processed: 10-13-1994 20:21:27, Segment 7, Cycle 7

RAW DATA SAVED IN FILE E:\NJI13-7.PTS Second Channel Stored in E:\NJI13-7.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-13-1994 20:22:47 Version 5.2.0 *****

* Sample Name: J039-05 Data File: E:\NJI13-7 *
 * Date: 10-13-1994 19:51:24 Method: CLP17 10-12-1994 12:28:01 Version: 2 *
 * Interface: 12 Cycle#: 7 Operator: SI Channel: A Vial#: N/A *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC/MS Column Type: DB1701 DB508 *
 * Solvent Description: HF *
 * Conditions: 1700/2min 2700/2min 840/2min 290/2min 3100/2min *
 * Detector 0: FID Detector 1: FID *
 * Misc. Information: FILL: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION-in- PPM	NORMALIZED CUNC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
11	5.711	TCX	20.6406	2.8124%	242927	49971	4.9 1	0	.5882	8.4966E-05
19	10.688	Heptachlor	0.4251	0.0579%	4535	1247	3.6 1	0	.1564	9.3733E-05
20	11.156	delta-BHC	0.3802	0.0518%	6034	1253	4.8 1	0	-.1494	6.3007E-05
21	12.091	Aldrin	3.7894	0.5163%	55652	11497	4.8 2	0	1.400	6.8091E-05
26	14.011	Heptachlor epoxide	0.5310	0.0723%	6517	1900	3.4 1	0	-.8214	8.1476E-05
29	15.180	gamma-Chloroane	1.7036	0.2321%	23007	5525	3.5 1	0	-.3284	7.4044E-05
30	15.414	alpha-Chloroane	2.1104	0.2876%	24274	7003	4.2 1	0	0	7.2091E-05
32	16.483	DDE	4.0278	1.2301%	101523	28517	3.6 1	0	0	8.3836E-05
33	16.783	Dialdrin	4.0342	0.5497%	36410	9001	4.0 1	0	1.6005	1.1080E-04
37	18.086	Endrin	1.8030	0.2457%	11090	2976	3.7 2	0	0	1.6288E-04
39	18.671	DDE	577.4325	78.7473%	382784	475815	3.9 09	0	0	1.5100E-04
43	19.823	DDE	68.2960	9.3058%	407930	104435	3.9 1	0	0	1.6742E-04
44	20.391	Endrin aldehyde	3.0367	0.4138%	18495	4665	4.0 2	0	1.154	1.6414E-04
45	20.524	Endosulfan sulfate	2.6665	0.3633%	22674	5350	4.2 2	0	-.4458	1.1760E-04
50	23.580	Endrin Ketone	0.4624	0.0630%	3997	1122	3.6 1	0	0	1.1564E-04
53	27.906	DDE	37.0580	5.0508%	304864	64767	4.7 1	0	-.0598	1.2154E-04

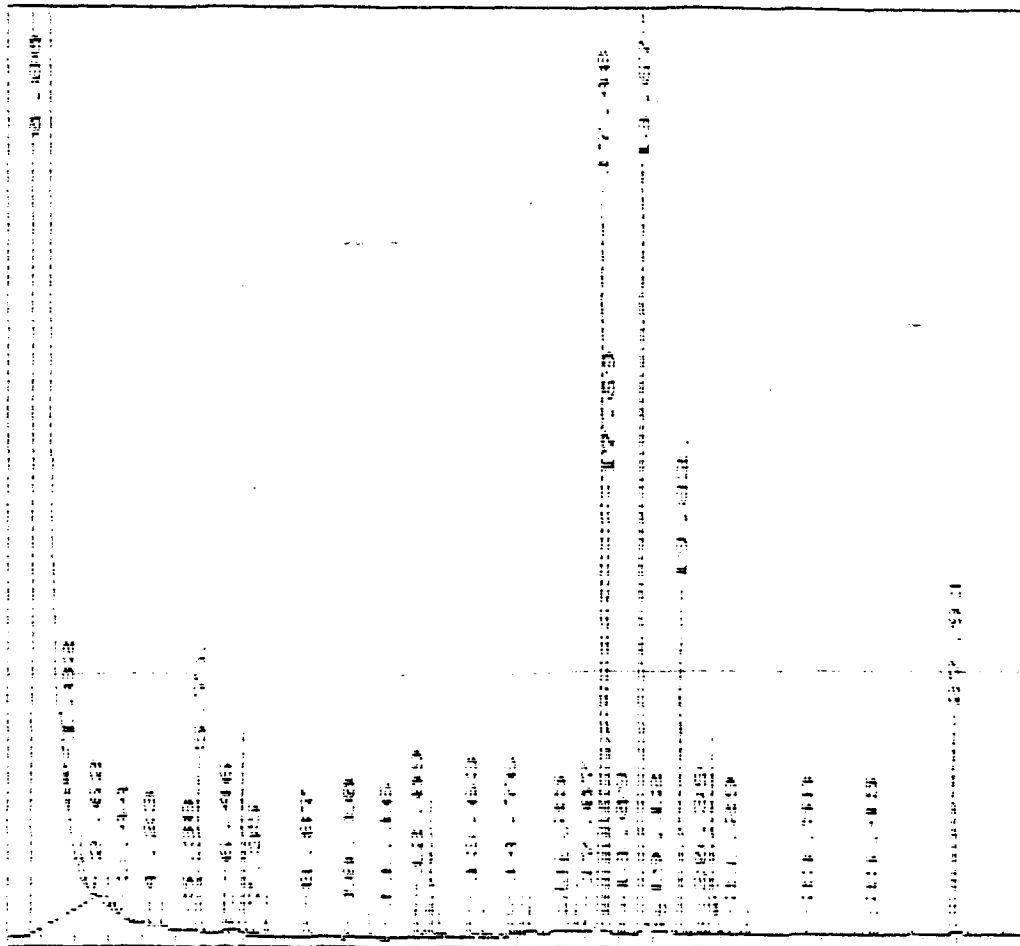
TOTAL AMOUNT = 733.9073

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
beta-BHC	9.79	TCX
Endosulfan I	15.50	TCX
Endosulfan II	18.84	TCX
methoxychlor	23.28	TCX

000034

Areas, times, and heights stored in: E:\NPJ13-7.A1B
Data File = E:\NPJ13-7.PTS Printed on 10-13-1994 at 20:23:06
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



000035

Output redirected to LPT1:

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 03:20:27 Version 5.2.0 *****
* Sample Name: J039-05 Data File: E:\QJ13-7 *
* Date: 10-13-1994 19:51:24 Method: F:\DLP17 10-13-1994 22:21:27 Version: *
* Interface: 12 Cycle#: 7 Operator: SC Channel: B Vial#: N.A. *
* Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *
* Instrument Type: GC#3 Column Type: DB1701 DB608 *
* Solvent Description: HE *
* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
* Detector 0: ECD Detector 1: ECD *
* Misc. Information: LPT1: *
Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.002 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

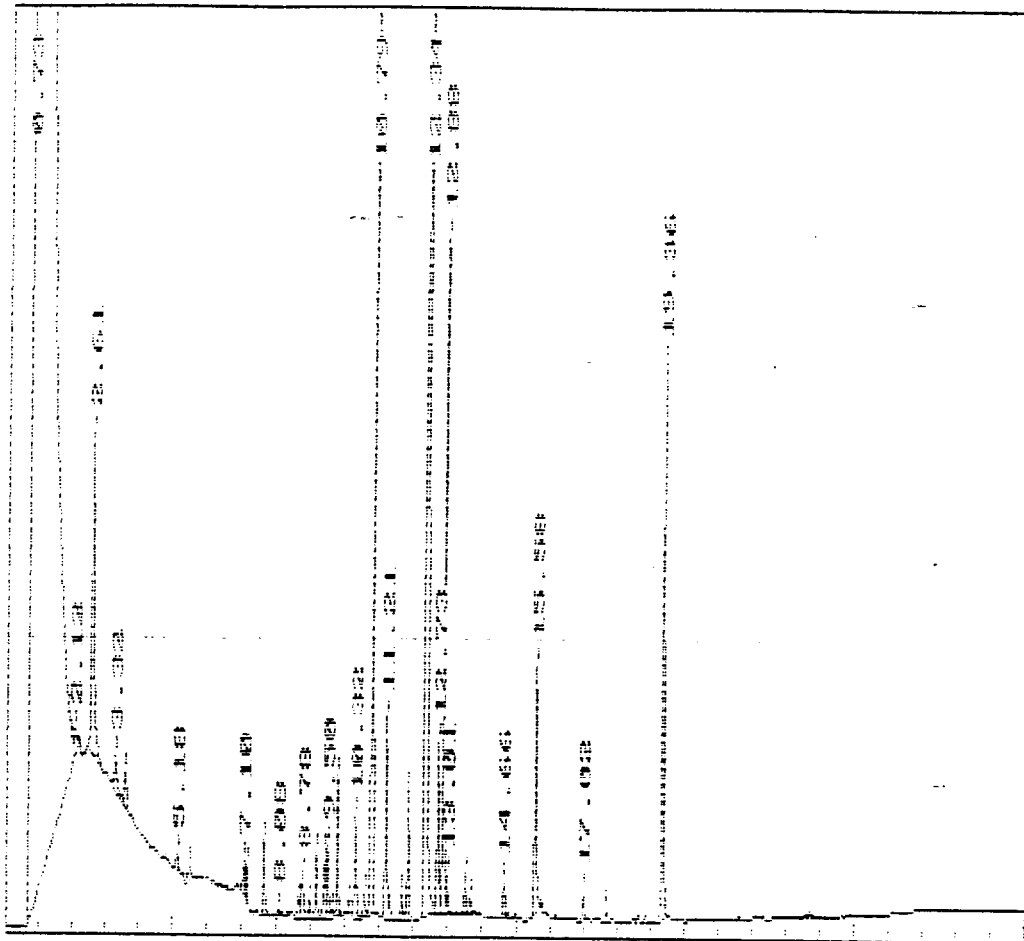
Table with 11 columns: PEAK NUM, RET TIME, PEAK NAME, CONCENTRATION in PPS, NORMALIZED CONC, AREA, HEIGHT, AREA/HEIGHT BL, REF PEAK, % DELTA RET TIME, CONC/AREA. Contains 17 rows of peak data.

TOTAL AMOUNT = 889.0939

PEAKS NOT FOUND IN THIS RUN
NAME ADJUSTED RET.TIME. REFERENCE PEAK
alpha-BHC 4.14 TCX
Aldrin 6.20 TCX
Heptachlor epoxide 8.20 TCX
Endosulfan II 12.30 TCX
Endrin Ketone 15.98 TCX

000036

Data File = E:\QJ13-7.PTS Printed on 10-14-1994 at 03:20:30
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000037

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS173CDL

Laboratory Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.01 (g/ml) G
 % Moisture: 16 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-05L
 Lab File ID: PJ13-18
 Date Received: 10/12/94
 Date Extracted: 10/13/94
 Date Analyzed: 10-14-1994
 Dilution Factor: 20
 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
319-84-6	alpha-BHC	40.46		U
319-85-7	beta-BHC	40.46		U
319-86-8	delta-BHC	40.46		U
58-89-9	gamma-BHC (Lindane)	40.46		U
76-44-8	Heptachlor	40.46		U
309-00-2	Aldrin	40.46		U
1024-57-3	Heptachlor epoxide	40.46		U
959-98-8	Endosulfan I	40.46		U
60-57-1	Dieldrin	78.55		U
72-55-9	4,4'-DDE	3.30		JJP
72-20-8	Endrin	3.51		JJP
33213-65-9	Endosulfan II	78.55		U
72-54-8	4,4'-DDD	281.58		
1031-07-8	Endosulfan sulfate	78.55		U
50-29-3	4,4'-DDT	25.04		U
72-43-5	Methoxychlor	404.63		U
53494-70-5	Endrin ketone	78.55		U
7421-36-3	Endrin aldehyde	78.55		U
5103-71-9	alpha-Chlordane	40.46		U
5103-74-2	gamma-Chlordane	40.46		U
8-35-2	Toxaphene	4046.27		U
12074-11-2	Aroclor-1016	785.45		U
11104-28-2	Aroclor-1221	1594.71		U
11141-16-5	Aroclor-1232	785.45		U
53469-21-9	Aroclor-1242	785.45		U
12672-29-6	Aroclor-1248	785.45		U
11097-69-1	Aroclor-1254	785.45		U
11096-82-5	Aroclor-1260	785.45		U

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLJ-DSS173CDL

Lab Name: CKY Inc
Lab Code: Case No.:
Lab Sample ID : J039-05L
Instrument ID (1): GC3
GC Column(1): DB608 ID: 0.32 (mm)

Contract:
SAS No.: SDG No.: 94J039
Date(s) Analyzed: 10-14-1994 10-14-1994
Instrument ID (2): GC3
GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDE	1	16.47	16.43	16.57	5.09	54.4 54.2 MA
	2	9.77	9.77	9.91	3.30	
Endrin	1	18.15	18.06	18.20	3.51	1952 1951 MA
	2	10.77	10.67	10.81	72.00	
4,4'-DDD	1	18.65	18.62	18.76	281.58	2.3 ✓ MA
	2	12.34	12.34	12.48	288.02	
4,4'-DDT	1	19.81	19.77	19.91	25.04	0.1 0.2 MA
	2	12.86	12.88	13.02	25.08	

Output redirected to LPT1:

J039-05L Processed: 10-14-1994 02:36:46, Segment 5, Cycle 18
RAW DATA SAVED IN FILE E:\PJ13-18.PTS Second Channel Stored in E:\QJ13-18.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 02:38:06 Version 5.2.0 *****
* Sample Name: J039-05L 20X Data File: E:\PJ13-18 *
* Date: 10-14-1994 02:06:44 Method: CLP17 10-12-1994 12:28:01 Version: 2*
* Interface: 12 Cycle#: 18 Operator: SC Channel: A Vial#: N.A. *
* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *
* Solvent Description: HE *
* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
* Detector 0: ECD Detector 1: ECD *
* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.002 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.695	TCX	1.8206	3.3850%	21427	4458	4.8 1	0	.2941	8.4966E-05
5	16.466	DDE	0.7215	1.3416%	8122	2260	3.6 1	0	-.1013	8.8836E-05
8	18.153	Endrin	0.5742	1.0677%	3532	1044	3.4 1	0	.4031	1.6258E-04
9	18.654	DDD ✓	42.2969	78.6429%	280106	72554	3.9 1	0	0	1.5100E-04
11	19.806	DDT	4.0125	7.4606%	23967	6185	3.9 1	0	-.1683	1.6742E-04
12	20.725	Endosulfan sulfate	2.4762	4.6041%	21056	4867	4.3 1	0	.4858	1.1760E-04
13	27.872	DCB	1.8815	3.4982%	15474	3792	4.1 1	0	-.1794	1.2159E-04

TOTAL AMOUNT = 53.7835

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
beta-BHC	9.79	TCX
Heptachlor	10.67	TCX
delta-BHC	11.17	TCX
Aldrin	11.92	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	15.23	TCX
alpha-Chlordane	15.41	TCX
Endosulfan I	15.50	TCX
Dieldrin	16.68	TCX
Endosulfan II	18.84	TCX
Endrin aldehyde	20.16	TCX
Methoxychlor	23.28	TCX
Endrin ketone	23.58	TCX

000040

*** EXTERNAL STANDARD TABLE ***

***** 10-14-1994 02:38:49 Version 5.2.0 *****
 * Sample Name: J039-05L 20X Data File: E:\QJ13-18 *
 * Date: 10-14-1994 02:06:44 Method: DLP17 10-13-1994 22:21:27 Version: 2*
 * Interface: 12 Cycle#: 18 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min 34C/min 290C/4min 100C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	2.589	TCX	1.5779	2.2615%	26123	4771	5.5 1	0	.6493	6.0403E-05
4	9.769	DDE	0.4659	0.6677%	6574	1964	3.3 1	0	-.5102	7.0861E-05
5	10.771	Endrin	11.6385	16.6807%	97711	29379	3.3 1	0	.4672	1.1911E-04
7	12.341	DDD	43.4752	62.3101%	370136	105335	3.5 1	0	-.1351	1.1746E-04
9	.859	DDT	4.1545	5.9544%	27715	8616	3.2 2	0	-.5167	1.4990E-04
10	15.548	Methoxychlor	5.4669	7.8354%	14877	3663	4.1 1	0	2.083	3.6748E-04
11	19.339	DCE	2.9934	4.2903%	35197	9534	3.7 1	0	-.4299	8.5047E-05

TOTAL AMOUNT = 69.7724

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Aldrin	6.20	TCX
beta-BHC	7.18	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan I	8.93	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
Dieldrin	10.10	TCX
Endosulfan II	12.30	TCX
Endrin aldehyde	13.73	TCX
Endosulfan sulfate	14.83	TCX
Endrin Ketone	15.98	TCX

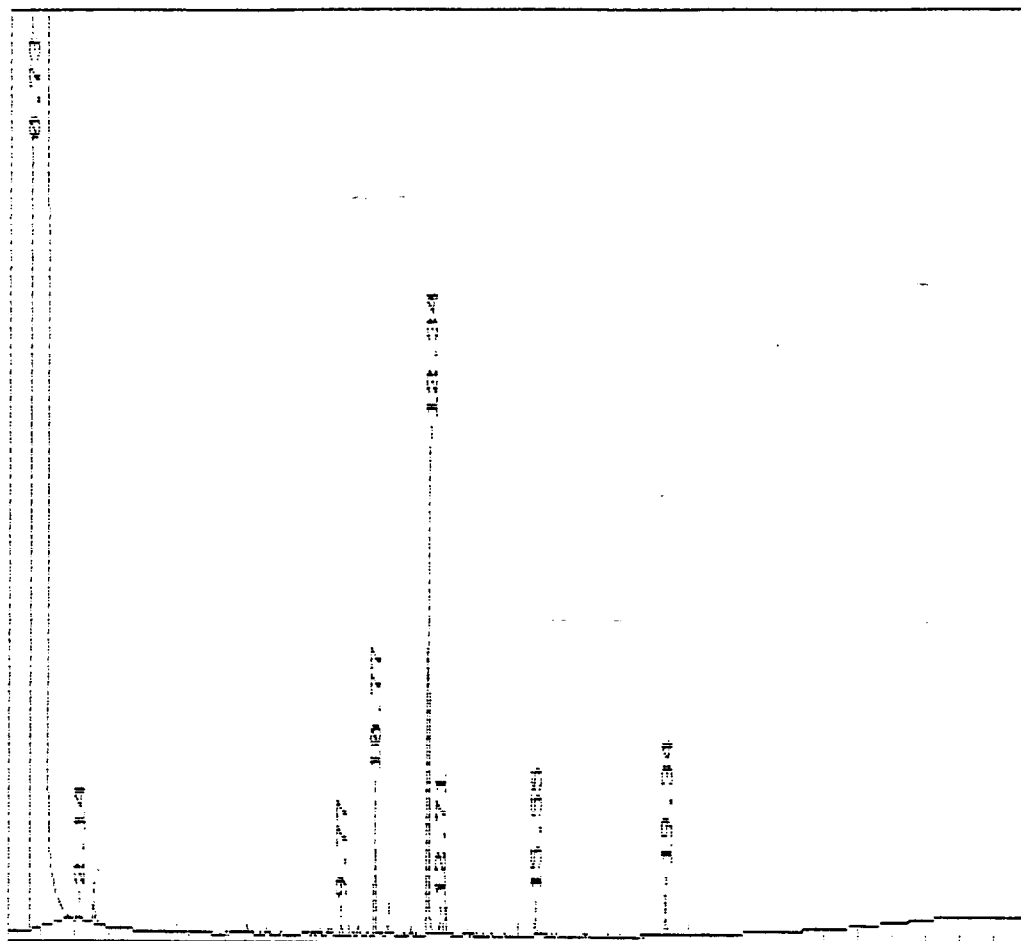
000042

Areas, times, and heights stored in: E:\QJ13-18.ATB

Data File = E:\QJ13-18.PTS Printed on 10-14-1994 at 02:39:06

Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts

Full Range: 200 K-Counts



000043

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS188C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 17 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-10
 Lab File ID: PJ13-14
 Date Received: 10/12/94
 Date Extracted: 10/13/94
 Date Analyzed: 10-13-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.05	U
319-85-7	beta-BHC	0.57	JP
319-86-8	delta-BHC	2.05	UUUU
58-89-9	gamma-BHC (Lindane)	2.05	UUUU
76-44-8	Heptachlor	2.05	UUUU
309-00-2	Aldrin	2.05	UUUU
1024-57-3	Heptachlor epoxide	2.05	UUUU
959-98-8	Endosulfan I	2.05	UUUU
60-57-1	Dieldrin	3.98	UUUU
72-55-9	4,4'-DDE	1.17	JP
72-20-8	Endrin	0.29	JP
33213-65-9	Endosulfan II	3.98	JP
72-54-8	4,4'-DDD	3.11	JP
1031-07-8	Endosulfan sulfate	3.98	U
50-29-3	4,4'-DDT	16.57	
72-43-5	Methoxychlor	20.48	U
53494-70-5	Endrin ketone	3.98	UUUU
7421-36-3	Endrin aldehyde	3.98	UUUU
5103-71-9	alpha-Chlordane	2.05	UUUU
5103-74-2	gamma-Chlordane	2.05	UUUU
8001-35-2	Toxaphene	204.82	UUUU
1 74-11-2	Aroclor-1016	39.76	UUUU
1 04-28-2	Aroclor-1221	80.72	UUUU
11141-16-5	Aroclor-1232	39.76	UUUU
53469-21-9	Aroclor-1242	39.76	UUUU
12672-29-6	Aroclor-1248	39.76	UUUU
11097-69-1	Aroclor-1254	39.76	UUUU
11096-82-5	Aroclor-1260	39.76	UUUU

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLJ-DSS188C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Lab Sample ID : J039-10
 Instrument ID (1): GC3
 GC Column(1): DB608 ID: 0.32 (mm)

Contract:
 SAS No.: SDG No.: 94J039
 Date(s) Analyzed: 10-13-1994 10-13-1994
 Instrument ID (2): GC3
 GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
beta-BHC	1	9.82	9.73	9.87	0.57	575.2 577.2
	2	7.16	7.13	7.27	3.86	
4,4'-DDE	1	16.48	16.43	16.57	1.99	70.2 70.1
	2	9.77	9.77	9.91	1.17	
Endrin	1	18.19	18.06	18.20	0.29	230.4 224.1
	2	10.77	10.67	10.81	0.94	
4,4'-DDD	1	18.67	18.62	18.76	4.22	35.6 35.7
	2	12.34	12.34	12.48	3.11	
4,4'-DDT	1	19.82	19.77	19.91	16.57	3.4 ✓
	2	12.88	12.88	13.02	17.13	

MAA
 MAA
 MAA
 MAA

Output redirected to LPT1:

J039-10 Processed: 10-14-1994 00:22:22, Segment 1, Cycle 14

RAW DATA SAVED IN FILE E:\PJ13-14.PTS Second Channel Stored in E:\QJ13-14.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 00:23:43 Version 5.2.0 *****
* Sample Name: J039-10 Data File: E:\PJ13-14 *
* Date: 10-13-1994 23:52:20 Method: CLP17 10-12-1994 12:28:01 Version: 2 *
* Interface: 12 Cycle#: 14 Operator: SC Channel: A Vial#: N.A. *
* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DR1701 DR608 *
* Solvent Description: HE *
* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
* Detector 0: ECD Detector 1: ECD *
* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.002 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
11	5.711	TCX	16.7564	11.5980%	197213	39073	5.0 1	0	.5882	8.4966E-05
18	.268	gamma-BHC	0.4151	0.2873%	5678	1361	4.2 1	0	-2.116	7.3095E-05
19	9.820	beta-BHC	1.6551	1.1456%	11640	2426	4.8 1	0	.3412	1.4219E-04
22	11.122	delta-BHC	0.2481	0.1717%	3938	992	4.0 1	0	-.4484	6.3009E-05
23	12.091	Aldrin	11.1625	7.7262%	163936	33798	4.9 1	0	1.400	6.8091E-05
25	14.212	Heptachlor epoxide	2.1544	1.4912%	26442	4326	6.1 1	0	.5910	8.1476E-05
26	16.483	DDE	5.5759	3.8594%	62767	11939	5.3 1	0	0	8.8836E-05
30	18.186	Endrin	0.9241	0.6396%	5684	775	7.3 1	0	.5879	1.6258E-04
31	18.671	DDD	- 12.5219	8.6670%	82925	21652	3.8 1	0	0	1.5100E-04
33	19.823	DDT	- 52.4441	36.2992%	313247	80671	3.9 1	0	0	1.6742E-04
34	20.524	Endosulfan sulfate	2.4733	1.7119%	21031	5087	4.1 1	0	-.4858	1.1760E-04
37	27.889	DCB	38.1463	26.4030%	313732	67161	4.7 1	0	-.1196	1.2159E-04

TOTAL AMOUNT = 144.4772

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
Heptachlor	10.67	TCX
gamma-Chlordane	15.23	TCX
alpha-Chlordane	15.41	TCX
Endosulfan I	15.50	TCX
Dieldrin	16.68	TCX
Endosulfan II	18.84	TCX
Endrin aldehyde	20.16	TCX
Methoxychlor	23.28	TCX
Endrin Ketone	23.58	TCX

000046

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 00:24:27 Version 5.2.0 *****
 * Sample Name: J039-10 Data File: E:\QJ13-14 *
 * Date: 10-13-1994 23:52:20 Method: DLP17 10-13-1994 22:21:27 Version: 2*
 * Interface: 12 Cycle#: 14 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.589	TCX	14.9888	4.6861%	248145	44351	5.6 1	0	.6493	6.0403E-05
4	5.511	Heptachlor	1.8294	0.5719%	22468	2352	9.6 1	0	-.6024	8.1421E-05
6	7.164	beta-BHC	10.9260	3.4159%	103011	25541	4.0 2	0	-.2325	1.0607E-04
7	9.402	alpha-Chlorodane	0.2694	0.0842%	4382	1122	3.9 1	0	-.5300	6.1491E-05
8	7.769	DDE	3.2661	1.0211%	46091	13693	3.4 1	0	-.5102	7.0861E-05
9	10.087	Dieldrin	2.2154	0.6926%	26290	4625	5.7 1	0	-.1652	8.4269E-05
11	10.771	Endrin	3.0160	0.9429%	25321	5041	5.0 2	0	.4672	1.1911E-04
15	12.341	DDD <i>← PL</i>	9.2823	2.9020%	79027	20555	3.8 2	0	-.1351	1.1746E-04
17	12.876	DDT	56.0428	17.5213%	373860	107369	3.5 2	0	-.3875	1.4990E-04
18	13.510	Endrin aldehyde	3.0786	0.9625%	26090	7656	3.4 1	0	-1.581	1.1800E-04
20	15.564	Methoxychlor	175.1703	54.7656%	476674	92967	5.1 1	0	2.192	3.6748E-04
21	19.355	DCB	39.7695	12.4336%	467618	128241	3.6 1	0	-.3439	8.5047E-05

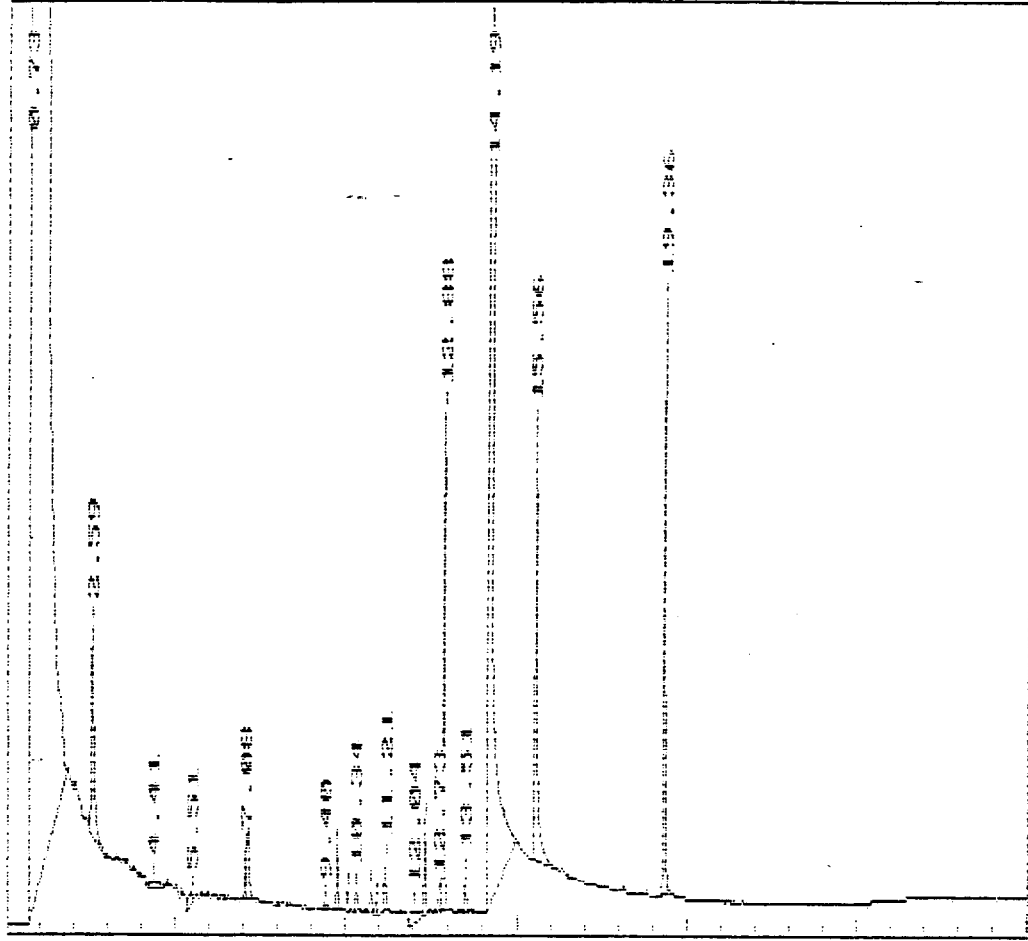
TOTAL AMOUNT = 319.8546

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Aldrin	6.20	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan I	8.93	TCX
gamma-Chlordane	9.20	TCX
Endosulfan II	12.30	TCX
Endosulfan sulfate	14.83	TCX
Endrin Ketone	15.98	TCX

000048

Areas, times, and heights stored in: E:\QJ13-14.ATB
Data File = E:\QJ13-14.PTS Printed on 10-14-1994 at 00:24:45
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000049

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS189C

Lab Name: CKY Inc
 Lab Code: Case No.: Contract:
 Matrix: (soil/water) SOIL SAS No.: SDG No.: 94J039
 Sample wt/vol: 30.00 (g/ml) G Lab Sample ID: J039-11
 % Moisture: 12 decanted: (Y/N) N Lab File ID: PJ13-15
 Extraction: (SepF/Cont/Sonc) SONC Date Received: 10/12/94
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10-14-1994
 Injection Volume: 2.5 (uL) Dilution Factor: 1
 GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.93	U
319-85-7	beta-BHC	0.66	JP
319-86-8	delta-BHC	1.93	U
58-89-9	gamma-BHC (Lindane)	1.93	U
76-44-8	Heptachlor	0.29	JP
309-00-2	Aldrin	1.93	U
1024-57-3	Heptachlor epoxide	1.93	U
959-98-8	Endosulfan I	1.93	U
60-57-1	Dieldrin	3.75	U
72-55-9	4,4'-DDE	5.03	U
72-20-8	Endrin	0.24	JP
33213-65-9	Endosulfan II	3.75	U
72-54-8	4,4'-DDD	19.83	U
1031-07-8	Endosulfan sulfate	3.75	U
50-29-3	4,4'-DDT	160.00	U
72-43-5	Methoxychlor	19.32	U
53494-70-5	Endrin ketone	3.75	U
7421-36-3	Endrin aldehyde	3.75	U
5103-71-9	alpha-Chlordane	1.93	U
5103-74-2	gamma-Chlordane	1.93	U
80-35-2	Toxaphene	193.18	U
12-4-11-2	Aroclor-1016	37.50	U
11104-28-2	Aroclor-1221	76.14	U
11141-16-5	Aroclor-1232	37.50	U
53469-21-9	Aroclor-1242	37.50	U
12672-29-6	Aroclor-1248	37.50	U
11097-69-1	Aroclor-1254	37.50	U
11096-82-5	Aroclor-1260	37.50	U

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLJ-DSS189C

Lab Name: CKY Inc
Lab Code: Case No.:
Lab Sample ID : J039-11
Instrument ID (1): GC3
GC Column(1): DB608 ID: 0.32 (mm)

Contract:
SAS No.: SDG No.: 94J039
Date(s) Analyzed: 10-14-1994 10-14-1994
Instrument ID (2): GC3
GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D	
			FROM	TO			
beta-BHC	1	9.82	9.73	9.87	0.66		
	2	7.16	7.13	7.27	6.42	873.9 872.7	MA
Heptachlor	1	10.70	10.63	10.77	0.29		
	2	5.53	5.49	5.63	1.05	256.1 262.1	MA
4,4'-DDE	1	16.48	16.43	16.57	5.06		
	2	9.79	9.77	9.91	5.03	0.6	✓ MA
Endrin	1	18.17	18.06	18.20	0.24		
	2	10.79	10.67	10.81	5.51	2217 2196	MA
4,4'-DDD	1	18.65	18.62	18.76	25.85		
	2	12.34	12.34	12.48	19.83	30.4	✓ MA
4,4'-DDT	1	19.81	19.77	19.91	183.13		
	2	12.86	12.88	13.02	160.00	14.5	✓ MA

Output redirected to LPT1:

J039-11 Processed: 10-14-1994 00:55:58, Segment 2, Cycle 15

RA DATA SAVED IN FILE E:\PJ13-15.PTS Second Channel Stored in E:\QJ13-15.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 00:57:19 Version 5.2.0 *****

* Sample Name: J039-11 Data File: E:\PJ13-15 *

* Date: 10-14-1994 00:25:56 Method: CLP17 10-12-1994 12:28:01 Version: 2*

* Interface: 12 Cycle#: 15 Operator: SC Channel: A Vial#: N.A. *

* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *

* Solvent Description: HE *

* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *

* Detector 0: ECD Detector 1: ECD *

* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00

Area reject: 0 One sample per 1.002 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
17	5.711	TCX	24.8164	3.1103%	292074	56245	5.2 2	0	.5882	8.4966E-05
24	7.249	alpha-BHC	0.3746	0.0470%	5614	989	5.7 1	0	-2.489	6.6730E-05
28	7.268	gamma-BHC	0.3728	0.0467%	5100	1169	4.4 1	0	-2.116	7.3095E-05
29	9.820	beta-BHC	2.0217	0.2534%	14218	3082	4.6 1	0	.3412	1.4219E-04
32	10.705	Heptachlor	0.9080	0.1138%	9687	1617	6.0 2	0	.3129	9.3733E-05
34	11.122	delta-BHC	0.2781	0.0349%	4413	1100	4.0 1	0	-.4484	6.3009E-05
35	12.091	Aldrin	10.8029	1.3540%	158655	31418	5.0 1	0	1.400	6.8091E-05
39	14.228	Heptachlor epoxide	0.8904	0.1116%	10928	1736	6.3 1	0	.7092	8.1476E-05
40	15.164	gamma-Chlordane	0.4673	0.0586%	6310	1405	4.5 1	0	-.4385	7.4049E-05
41	15.381	alpha-Chlordane	0.5473	0.0686%	7591	1327	5.7 2	0	-.2166	7.2091E-05
42	15.564	Endosulfan I	1.7103	0.2144%	16226	3502	4.6 2	0	.4310	1.0540E-04
44	16.483	DOE	- 15.0236	1.8830%	169117	42719	4.0 1	0	0	8.8836E-05
45	16.783	Dieldrin	1.4314	0.1794%	12919	1952	6.6 1	0	.6005	1.1080E-04
49	18.170	Endrin	0.8150	0.1021%	5013	986	5.1 1	0	.4955	1.6258E-04
50	18.654	DDD	- 81.3339	10.1938%	538624	139587	3.9 1	0	0	1.5100E-04
54	19.806	DDT	- 614.5325	77.0214%	3670589	961922	3.8 1	0	-.1683	1.6742E-04
55	20.508	Endosulfan sulfate	2.6201	0.3284%	22279	5651	3.9 1	0	-.5668	1.1760E-04
60	27.889	DCB	38.9261	4.8787%	320146	69839	4.6 1	0	-.1196	1.2159E-04

TOTAL AMOUNT = 797.8724

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
Endosulfan II	18.84	TCX
Endrin aldehyde	20.16	TCX
Methoxychlor	23.28	TCX
Endrin Ketone	23.58	TCX

000052

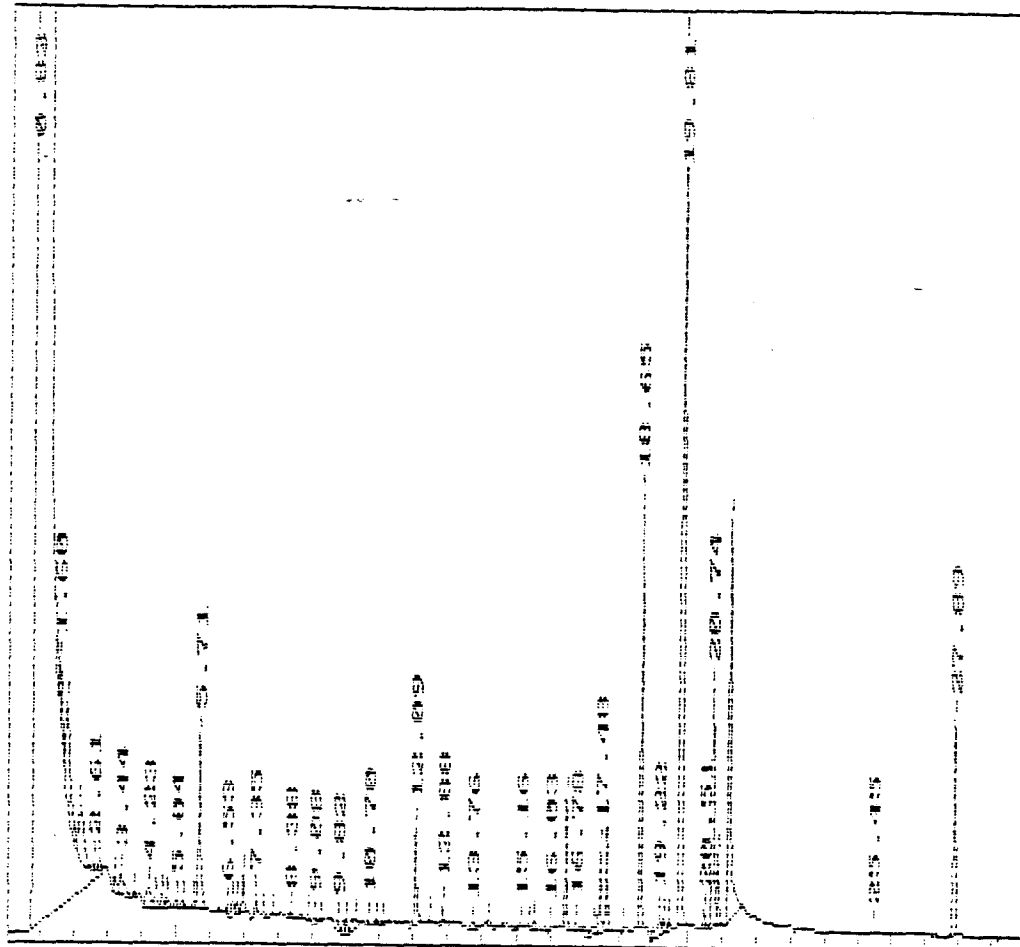
Areas, times, and heights stored in: E:\PJ13-15.ATB

Data File = E:\PJ13-15.PTS Printed on 10-14-1994 at 00:57:38

Start time: 0.00 min. Stop time: 30.00 min. Offset:

Full Range: 300 K-Counts

0 cts



*** EXTERNAL STANDARD TABLE ***

***** 10-14-1994 00:58:06 Version 5.2.0 *****
 * Sample Name: J039-11 Data File: E:\QJ13-15 *
 * Date: 10-14-1994 00:25:56 Method: DLP17 10-13-1994 22:21:27 Version: 2*
 * Interface: 12 Cycle#: 15 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CUNC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	2.589	TCX	23.1176	2.6414%	382721	65250	5.9 1	0	.6493	6.0403E-05
8	5.528	Heptachlor	3.1383	0.3586%	38544	4026	9.6 2	0	-.3012	8.1421E-05
11	7.164	beta-BHC	19.2487	2.1993%	181478	29097	6.2 1	0	-.2325	1.0607E-04
12	8.734	Endosulfan I	0.7811	0.0892%	9520	2602	3.7 1	0	-2.243	8.2047E-05
13	1.152	gamma-Chlorodane	0.4362	0.0498%	7099	1858	3.8 1	0	-.5444	6.1450E-05
14	9.402	alpha-Chlorodane	1.2051	0.1377%	19597	2529	7.7 1	0	-.5300	6.1491E-05
15	9.786	DDE	14.8893	1.7012%	210118	62379	3.4 1	0	-.3401	7.0861E-05
16	10.337	Dieldrin	1.1655	0.1332%	13831	3202	4.3 1	0	2.314	8.4269E-05
17	10.788	Endrin	18.6519	2.1312%	156592	44651	3.5 1	0	-.6230	1.1911E-04
20	12.341	DUD	25% 62.6816	7.1620%	533654	147395	3.6 1	0	-.1351	1.1746E-04
22	12.859	DDT	555.1356	63.4295%	3703289	961541	3.9 0V	0	-.5167	1.4990E-04
23	13.510	Endrin aldehyde	3.3386	0.3815%	28293	8318	3.4 1	0	-1.581	1.1800E-04
25	14.663	Endosulfan sulfate	8.7050	0.9946%	100511	18188	5.5 2	0	-1.126	8.6607E-05
26	15.564	Methoxychlor	121.5937	13.8932%	330881	72842	4.5 1	0	2.192	3.6748E-04
28	19.355	OCB	41.1135	4.6976%	483422	132338	3.7 1	0	-.3439	8.5047E-05

TOTAL AMOUNT = 875.2016

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Aldrin	6.20	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan II	12.30	TCX
Endrin Ketone	15.98	TCX

000054

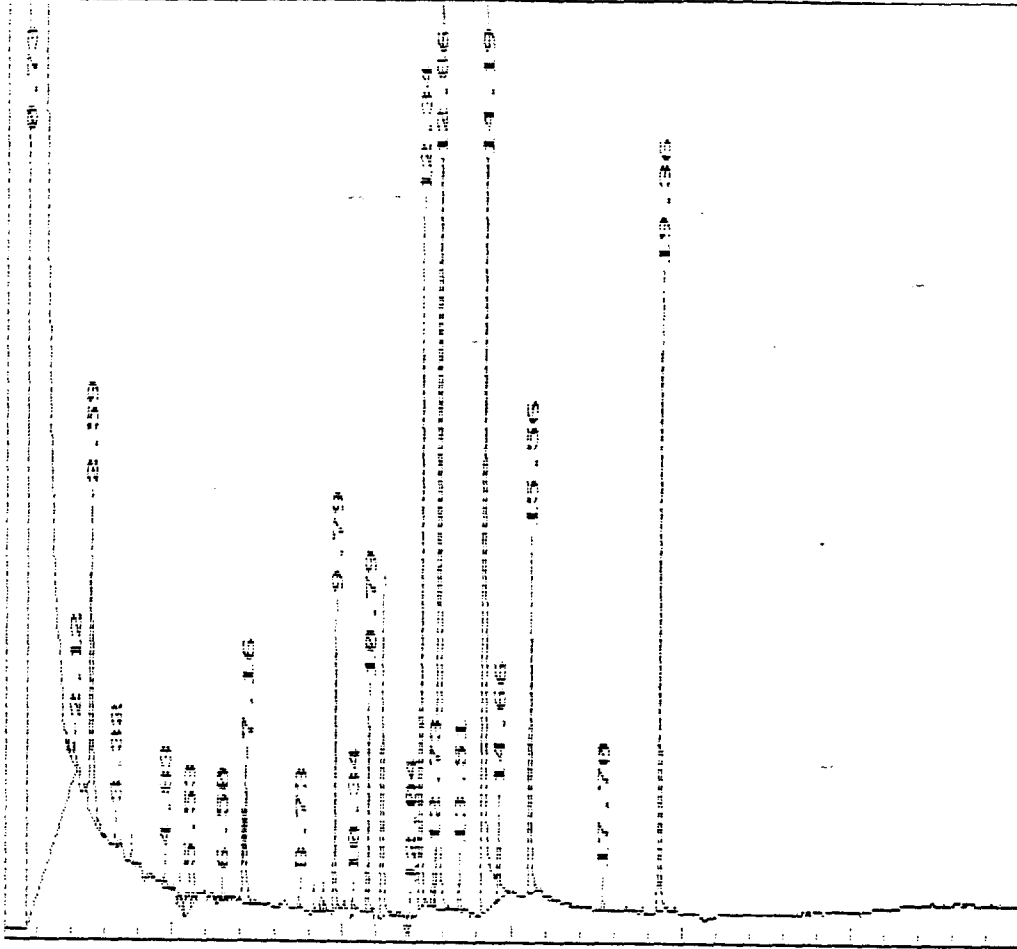
Areas, times, and heights stored in: E:\QJ13-15.ATB

Data File = E:\QJ13-15.PTS Printed on 10-14-1994 at 00:58:24

Start time: 0.00 min. Stop time: 30.00 min. Offset:

0 cts

FL Range: 200 K-Counts



000055

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSSI89CDL

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 12 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-11L
 Lab File ID: PJ13-19
 Date Received: 10/12/94
 Date Extracted: 10/13/94
 Date Analyzed: 10-14-1994
 Dilution Factor: 20
 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	38.64	U
319-85-7	beta-BHC	38.64	U
319-86-8	delta-BHC	38.64	U
58-89-9	gamma-BHC (Lindane)	38.64	U
76-44-8	Heptachlor	38.64	U
309-00-2	Aldrin	38.64	U
1024-57-3	Heptachlor epoxide	38.64	U
959-98-8	Endosulfan I	38.64	U
60-57-1	Dieldrin	75.00	U
72-55-9	4,4'-DDE	5.85	U
72-20-8	Endrin	75.00	U
33213-65-9	Endosulfan II	75.00	U
72-54-8	4,4'-DDD	38.48	U
1031-07-8	Endosulfan sulfate	75.00	U
50-29-3	4,4'-DDT	205.00	U
72-43-5	Methoxychlor	386.36	U
53494-70-5	Endrin ketone	75.00	U
7421-36-3	Endrin aldehyde	75.00	U
5103-71-9	alpha-Chlordane	38.64	U
5103-74-2	gamma-Chlordane	38.64	U
80-35-2	Toxaphene	3863.64	U
12-4-11-2	Aroclor-1016	750.00	U
11104-28-2	Aroclor-1221	1522.73	U
11141-16-5	Aroclor-1232	750.00	U
53469-21-9	Aroclor-1242	750.00	U
12672-29-6	Aroclor-1248	750.00	U
11097-69-1	Aroclor-1254	750.00	U
11096-82-5	Aroclor-1260	750.00	U

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLJ-DSS189CDL

Lab Name: CKY Inc
 Lab Code: Case No.:
 Lab Sample ID : J039-11L
 Instrument ID (1): GC3
 GC Column(1): DB608 ID: 0.32 (mm)

Contract:
 SAS No.: SDG No.: 94J039
 Date(s) Analyzed: 10-14-1994 10-14-1994
 Instrument ID (2): GC3
 GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D	
			FROM	TO			
4,4'-DDE	1	16.47	16.43	16.57	6.07	3.7	MM
	2	9.77	9.77	9.91	5.85		
4,4'-DDD	1	18.65	18.62	18.76	45.59	18.5	MM
	2	12.34	12.34	12.48	38.48		
4,4'-DDT	1	19.81	19.77	19.91	205.00	3.0	MM
	2	12.86	12.88	13.02	211.21		

000057

Output redirected to LPT1:

WSP-01/ M Processed: 10-14-1994 03:14:44, Segment 6, Cycle 19

RA DATA SAVED IN FILE E:\PJ13-19.PTS Second Channel Stored in E:\QJ13-19.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 03:16:04 Version 5.2.0 *****

* Sample Name: J039-11L 20X Data File: E:\PJ13-19 *

* Date: 10-14-1994 02:40:22 Method: CLP17 10-12-1994 12:28:01 Version: 2*

* Interface: 12 Cycle#: 19 Operator: SC Channel: A Vial#: N.A. *

* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *

* Solvent Description: HE *

* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *

* Detector 0: ECD Detector 1: ECD *

* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00

Area reject: 0 One sample per 1.002 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
4	5.695	TCX	1.5099	3.0130%	17770	3843	4.6 1	0	.2941	8.4966E-05
6	10.074	Aldrin	0.5496	1.0968%	8072	2014	4.0 1	0	1.260	6.8091E-05
7	16.466	DDE	0.9016	1.7992%	10149	2804	3.6 1	0	-1.1013	8.8836E-05
9	18.654	DDD	48 7.1716	14.3110%	47493	12338	3.8 1	0	0	1.5100E-04
10	19.806	DDT	230 34.3967	68.6391%	205451	52831	3.9 1	0	-1.1683	1.6742E-04
11	20.725	Endosulfan sulfate	3.2660	6.5173%	27771	6239	4.5 1	0	.4958	1.1760E-04
13	27.972	DCB	2.3170	4.6236%	19056	4370	4.4 1	0	-1.1794	1.2159E-04

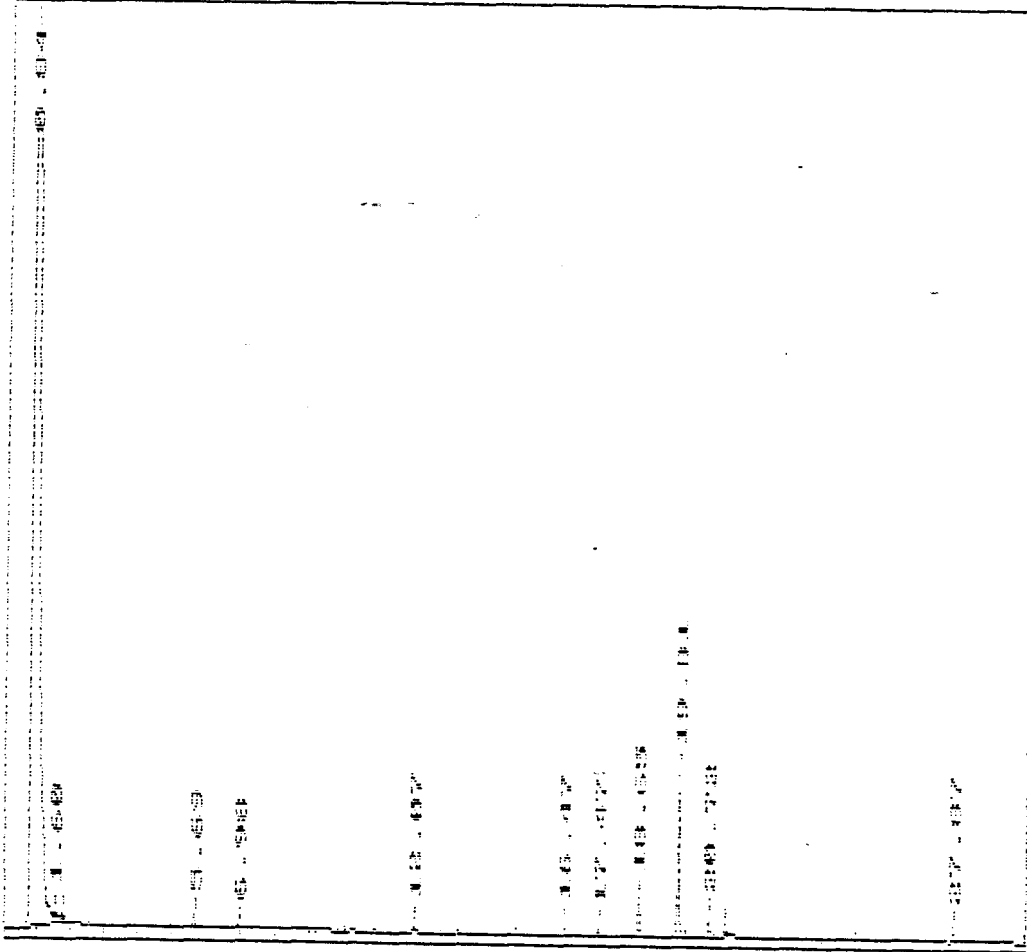
TOTAL AMOUNT = 50.1124

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
beta-BHC	9.79	TCX
Heptachlor	10.67	TCX
delta-BHC	11.17	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	15.23	TCX
alpha-Chlordane	15.41	TCX
Endosulfan I	15.50	TCX
Dieldrin	16.68	TCX
Endrin	18.08	TCX
Endosulfan II	18.84	TCX
Endrin aldehyde	20.16	TCX
Methoxychlor	23.28	TCX
Endrin Ketone	23.58	TCX

000058

Areas, times, and heights stored in: E:\PJ13-19.ATB
Data File = E:\PJ13-19.PTS Printed on 10-14-1994 at 03:16:22
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Fu. Range: 300 K-Counts



000059

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 03:16:48 Version 5.2.0 *****
 * Sample Name: J039-11L 20X Data File: E:\QJ13-19 *
 * Date: 10-14-1994 02:40:22 Method: DLP17 10-13-1994 22:21:27 Version: 2 *
 * Interface: 12 Cycle#: 19 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HF *
 * Conditions: 170C/1min 270C/7min 340C/min 290C/4min 100C/min *
 * Detector 0: FID Detector 1: ECD *
 * Misc. Information: LPT1: *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	2.589	TCX	1.3004	2.2925%	21528	4107	5.2 1	0	.6493	6.0403E-05
4	9.769	DDE	0.8663	1.5272%	12225	3543	3.5 1	0	-.5102	7.0861E-05
5	10.771	Endrin	1.2014	2.1180%	10086	3009	3.4 1	0	.4672	1.1911E-04
7	12.341	DDD	40 6.0826	10.7234%	51785	14116	3.7 1	0	-.1351	1.1746E-04
8	19	DDT	36.6403	64.5957%	244426	72160	3.4 1	0	-.5167	1.4990E-04
10	15.548	Methoxychlor	7.5772	13.3584%	20619	4936	4.2 1	0	2.083	3.6748E-04
11	19.339	DCB	3.0544	5.3849%	35915	9266	3.9 1	0	-.4299	8.5047E-05

TOTAL AMOUNT = 56.7226

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Aldrin	6.20	TCX
meta-BHC	7.18	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan I	8.93	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
Dieldrin	10.10	TCX
Endosulfan II	12.30	TCX
Endrin aldehyde	13.73	TCX
Endosulfan sulfate	14.83	TCX
Endrin Ketone	15.98	TCX

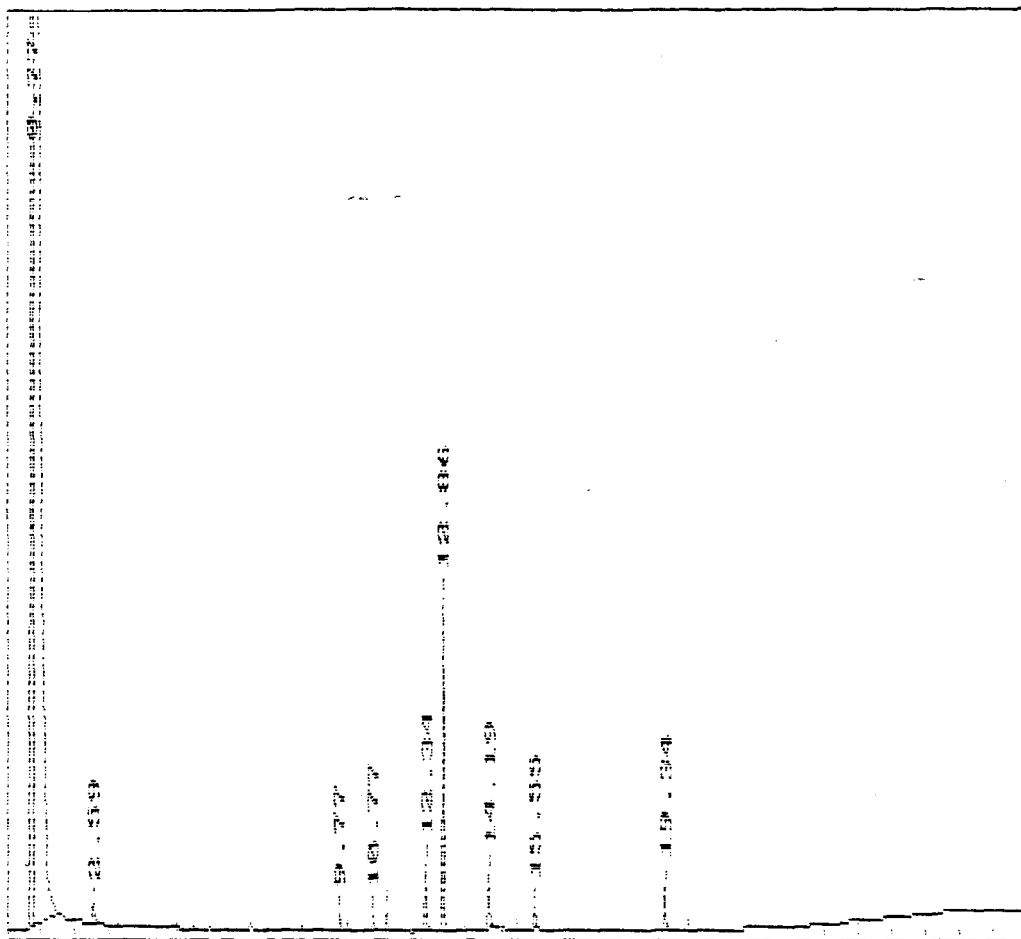
000060

Areas, times, and heights stored in: E:\QJ13-19.A1B

Data File = E:\QJ13-19.PTS Printed on 10-14-1994 at 03:17:05

Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts

Full Range: 200 K-Counts



000061

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS190C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 13 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-12
 Lab File ID: PJ13-16
 Date Received: 10/12/94
 Date Extracted: 10/13/94
 Date Analyzed: 10-14-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.95	U
319-85-7	beta-BHC	1.95	U
319-86-8	delta-BHC	1.95	U
58-89-9	gamma-BHC (Lindane)	1.95	U
76-44-8	Heptachlor	0.32	JP
309-00-2	Aldrin	1.95	U
1024-57-3	Heptachlor epoxide	1.95	U
959-98-8	Endosulfan I	1.95	U
60-57-1	Dieldrin	0.62	J
72-55-9	4,4'-DDE	6.82	J
72-20-8	Endrin	0.49	JP
33213-65-9	Endosulfan II	3.79	U
72-54-8	4,4'-DDD	36.17	U
1031-07-8	Endosulfan sulfate	3.79	U
50-29-3	4,4'-DDT	213.06	U
72-43-5	Methoxychlor	19.54	U
53494-70-5	Endrin ketone	3.79	U
7421-36-3	Endrin aldehyde	3.79	U
5103-71-9	alpha-Chlordane	1.95	U
5103-74-2	gamma-Chlordane	1.95	U
81-1-35-2	Toxaphene	195.40	U
12074-11-2	Aroclor-1016	37.93	U
11104-28-2	Aroclor-1221	77.01	U
11141-16-5	Aroclor-1232	37.93	U
53469-21-9	Aroclor-1242	37.93	U
12672-29-6	Aroclor-1248	37.93	U
11097-69-1	Aroclor-1254	37.93	U
11096-82-5	Aroclor-1260	37.93	U

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLJ-DSS190C

Lab Name: CKY Inc Contract:
 Lab Code: Case No.: SAS No.: SDG No.: 94J039
 Lab Sample ID : J039-12 Date(s) Analyzed: 10-14-1994 10-14-1994
 Instrument ID (1): GC3 Instrument ID (2): GC3
 GC Column(1): DB608 ID: 0.32 (mm) GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D	
			FROM	TO			
Heptachlor	1	10.69	10.63	10.77	0.32		
	2	5.53	5.49	5.63	0.81	156.1	153.1 MA
Dieldrin	1	16.78	16.64	16.78	0.62		
	2	10.09	10.06	10.20	0.68	11.0	9.7 MA
4,4'-DDE	1	16.47	16.43	16.57	7.02		
	2	9.77	9.77	9.91	6.82	3.0	✓ MA
Endrin	1	18.17	18.06	18.20	0.49		
	2	10.77	10.67	10.81	9.82	1921	1904 MA
4,4'-DDD	1	18.65	18.62	18.76	47.22		
	2	12.34	12.34	12.48	36.17	30.5	30.6 MA
4,4'-DDT	1	19.79	19.77	19.91	264.01		
	2	12.86	12.88	13.02	213.06	23.9	✓ MA

000063

Output redirected to LPT1:

Output redirected to LPT1:

J039-12 Processed: 10-14-1994 01:29:33. Segment 3, Cycle 16

RAW DATA SAVED IN FILE E:\PJ13-16.PTS Second Channel Stored in E:\QJ13-16.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 01:30:54 Version 5.2.0 *****

* Sample Name: J039-12 Data File: E:\PJ13-16 *

* Date: 10-14-1994 00:59:31 Method: CLP17 10-12-1994 12:28:01 Version: 2*

* Interface: 12 Cycle#: 16 Operator: SC Channel: A Vial#: N.A. *

* Starting Peak Width: 15 Threshold: 15 Area Threshold:- 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *

* Solvent Description: HE *

* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *

* Detector 0: ECD Detector 1: ECD *

* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00

Area reject: 0 One sample per 1.002 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
17	7.11	TCX	19.5915	1.7512%	230580	43883	5.3	1	0	.5882	8.4966E-05
23	7.832	alpha-BHC	0.4813	0.0430%	7213	1129	6.4	1	0	-2.697	6.6730E-05
27	9.669	beta-BHC	1.1265	0.1007%	7922	1837	4.3	1	0	-1.194	1.4219E-04
30	10.688	Heptachlor	0.9675	0.0865%	10322	2209	4.7	1	0	.1564	9.3733E-05
31	11.122	delta-BHC	0.2838	0.0254%	4503	1048	4.3	1	0	-.4484	6.3009E-05
32	11.824	Aldrin	0.5372	0.0480%	7889	1492	5.3	1	0	-.8403	6.8091E-05
37	14.228	Heptachlor epoxide	2.8692	0.2565%	35216	5609	6.3	2	0	.7092	8.1476E-05
40	15.164	gamma-Chlordane	1.2576	0.1124%	16983	4154	4.1	1	0	-.4385	7.4049E-05
41	15.397	alpha-Chlordane	2.6341	0.2355%	36538	9789	3.7	2	0	-.1083	7.2091E-05
42	15.564	Endosulfan I	1.9879	0.1777%	18860	4535	4.2	2	0	.4310	1.0540E-04
45	16.466	DDE ✓	- 20.6045	1.8417%	231939	59978	3.9	2	0	-.1013	8.8836E-05
46	16.783	Dieldrin	1.9376	0.1732%	17488	3303	5.3	2	0	.6005	1.1090E-04
50	18.170	Endrin	1.6468	0.1472%	10129	2232	4.5	1	0	.4955	1.6258E-04
51	18.654	DDD ✓	- 146.8652	13.1276%	972597	252516	3.9	1	0	0	1.5100E-04
55	19.789	DDT	- 875.8941	78.2922%	5231696	972775	5.4	0V	0	-.2525	1.6742E-04
56	20.508	Endosulfan sulfate	1.8896	0.1689%	16068	3720	4.3	1	0	-.5668	1.1760E-04
61	27.889	DCB	38.1756	3.4123%	313973	65873	4.8	1	0	-.1196	1.2159E-04

TOTAL AMOUNT = 1118.7500

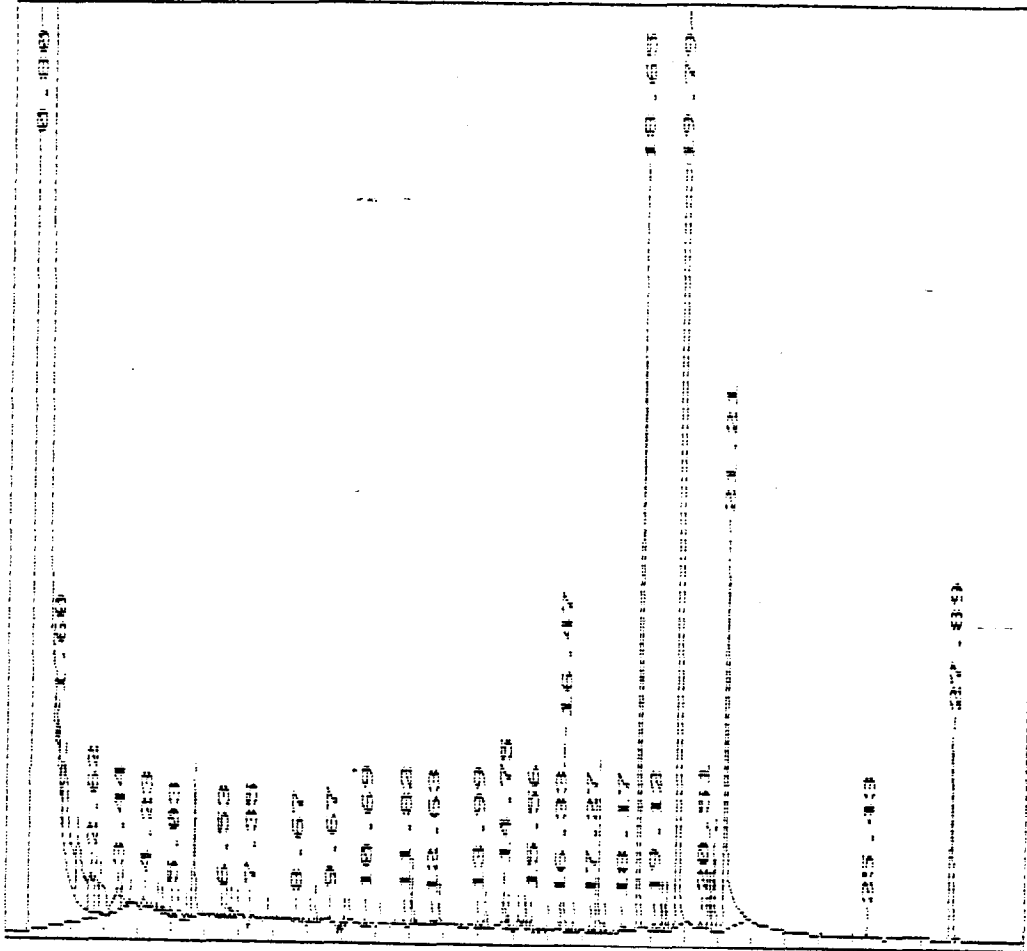
PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
gamma-BHC	9.47	TCX
Endosulfan II	18.84	TCX
Endrin aldehyde	20.16	TCX
Methoxychlor	23.28	TCX
Endrin ketone	23.58	TCX

000064

Areas, times, and heights stored in: E:\PJ13-16.ATB
Data File = E:\PJ13-16.PTS Printed on 10-14-1994 at 01:31:13
Start time: 0.00 min. Stop time: 30.00 min. Offset:
Full Range: 300 K-Counts

0 cts



***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 01:31:41 Version 5.2.0 *****
 * Sample Name: J039-12 Data File: E:\QJ13-16 *
 * Date: 10-14-1994 00:59:31 Method: DLP17 10-13-1994 22:21:27 Version: 2*
 * Interface: 12 Cycle#: 16 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.589	TCX	19.3658	1.8941%	320608	53601	6.0 1	0	.6493	6.0403E-05
6	5.528	Heptachlor	2.4047	0.2352%	29534	3718	7.9 1	0	-.3012	8.1421E-05
7	6.012	Aldrin	1.5890	0.1554%	28612	6752	4.2 1	0	-2.964	5.5536E-05
9	7.164	beta-BHC	5.9172	0.5787%	55788	14173	3.9 2	0	-.2325	1.0607E-04
11	8.34	Endosulfan I	3.0977	0.3030%	37755	7040	5.4 1	0	-2.243	8.2047E-05
12	9.152	gamma-Chlorodane	3.5921	0.3513%	58456	17057	3.4 1	0	-.5444	6.1450E-05
13	9.402	alpha-Chlorodane	4.4461	0.4349%	72305	18658	3.9 2	0	-.5300	6.1491E-05
15	9.769	DDE	19.9428	1.9505%	281434	82806	3.4 1	0	-.5102	7.0861E-05
16	10.087	Dieldrin	2.1029	0.2057%	24955	4329	5.8 1	0	-.1652	8.4269E-05
18	10.771	Endrin	32.8698	3.2148%	275958	75782	3.6 2	0	.4672	1.1911E-04
22	12.341	DDD	113.0506	11.0570%	962482	248295	3.9 1	0	-.1351	1.1746E-04
23	12.859	DDT	730.8276	71.4791%	4875324	954398	5.1 0V	0	-.5167	1.4990E-04
24	13.510	Endrin aldehyde	2.1500	0.2103%	18220	5757	3.2 1	0	-1.581	1.1800E-04
26	14.646	Endosulfan sulfate	7.4775	0.7313%	86339	18905	4.6 2	0	-1.238	8.6607E-05
27	15.564	Methoxychlor	33.2285	3.2499%	90421	20183	4.5 1	0	2.192	3.6748E-04
30	19.355	DCB	40.3737	3.9488%	474724	122442	3.9 1	0	-.3439	8.5047E-05

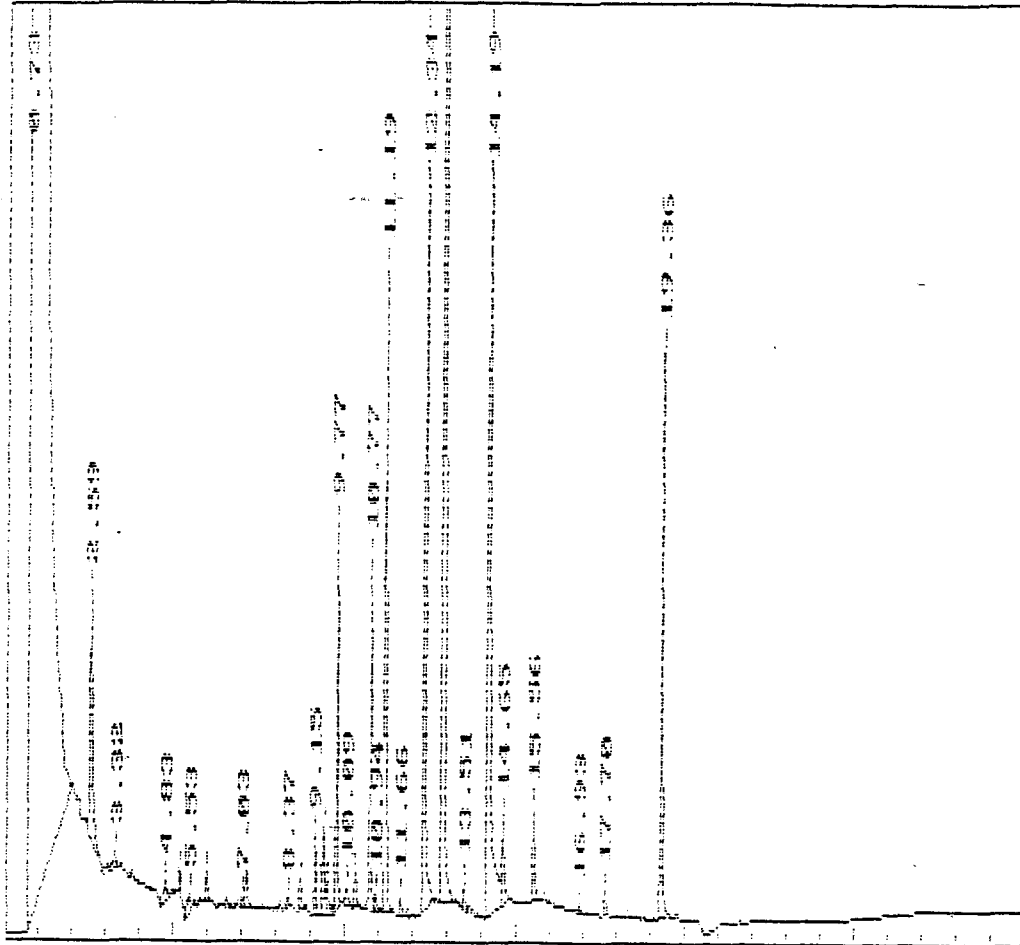
TOTAL AMOUNT = 1022.4360

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan II	12.30	TCX
Endrin Ketone	15.98	TCX

000066

Areas, times, and heights stored in: E:\QJ13-16.ATB
Data File = E:\QJ13-16.PTS Printed on 10-14-1994 at 01:31:58
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000067

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS190CDL

Lab Name: CKY Inc Contract:
 Lab Code: Case No.: SAS No.: SDG No.: 94J039
 Matrix: (soil/water) SOIL Lab Sample ID: J039-12L
 Sample wt/vol: 30.00 (g/ml) G Lab File ID: PJ13-20
 % Moisture: 13 decanted: (Y/N) N Date Received: 10/12/94
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 10/13/94
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10-14-1994
 Injection Volume: 2.5 (uL) Dilution Factor: 20
 GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	39.08	U
319-85-7	beta-BHC	39.08	U
319-86-8	delta-BHC	39.08	U
58-89-9	gamma-BHC (Lindane)	39.08	U
76-44-8	Heptachlor	39.08	U
309-00-2	Aldrin	39.08	U
1024-57-3	Heptachlor epoxide	39.08	U
959-98-8	Endosulfan I	39.08	U
60-57-1	Dieldrin	75.86	U
72-55-9	4,4'-DDE	7.78	J
72-20-8	Endrin	75.86	U
33213-65-9	Endosulfan II	75.86	U
72-54-8	4,4'-DDD	68.92	J
1031-07-8	Endosulfan sulfate	75.86	U
50-29-3	4,4'-DDT	384.97	
72-43-5	Methoxychlor	390.80	U
53494-70-5	Endrin ketone	75.86	U
7421-36-3	Endrin aldehyde	75.86	U
5103-71-9	alpha-Chlordane	39.08	U
5103-74-2	gamma-Chlordane	39.08	U
8000-35-2	Toxaphene	3908.05	U
1204-11-2	Aroclor-1016	758.62	U
11104-28-2	Aroclor-1221	1540.23	U
11141-16-5	Aroclor-1232	758.62	U
53469-21-9	Aroclor-1242	758.62	U
12672-29-6	Aroclor-1248	758.62	U
11097-69-1	Aroclor-1254	758.62	U
11096-82-5	Aroclor-1260	758.62	U

FORM I PEST

3/90

000068

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLJ-DSS190CDL

Lab Name: CKY Inc

Lab Code:

Case No.:

Contract:

SAS No.:

SDG No.: 94J039

Lab Sample ID : J039-12L

Date(s) Analyzed: 10-14-1994 10-14-1994

Instrument ID (1): GC3

Instrument ID (2): GC3

GC Column(1): DB608 ID: 0.32 (mm)

GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDE	1	16.47	16.43	16.57	8.25	6.0
	2	9.77	9.77	9.91	7.78	
4,4'-DDD	1	18.65	18.62	18.76	83.36	21.0
	2	12.34	12.34	12.48	68.92	
4,4'-DDT	1	19.81	19.77	19.91	384.97	1.3
	2	12.86	12.88	13.02	390.13	

✓ MA
✓ MA
✓ MA

000069

Output redirected to LPT1:

J039-12L Processed: 10-14-1994 03:43:59. Segment 7, Cycle 20
RAW DATA SAVED IN FILE E:\NJI13-20.PTS Second Channel Stored in E:\NJI13-20.P15

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 03:45:19 Version 5.2.0 *****

* Sample Name: J039-12L 20X Data File: E:\NJI13-20 *

* Date: 10-14-1994 03:13:57 Method: CLP17 10-12-1994 12:28:01 Version: 2*

* Interface: 12 Cycle#: 20 Operator: SC Channel: A Vial#: N.A. *

* Starting Peak width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *

* Solvent Description: HE *

* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *

* Detector 0: ECD Detector 1: ECD *

* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00

Area reject: 0 One sample per 1.002 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET E	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.695	TCX	1.1949	1.4493%	14063	2919	4.8 1	0	.2941	8.4966E-05
3	16.466	DOE	1.2113	1.4692%	13635	3714	3.7 1	0	-.1013	8.8836E-05
5	18.654	DDD	12.9646	15.7252%	85856	22280	3.9 1	0	0	1.5100E-04
6	19.806	DDT	63.8597	77.4578%	381432	99147	3.8 1	0	-.1683	1.6742E-04
7	20.725	Endosulfan sulfate	0.7701	0.9340%	8548	1513	4.3 1	0	.4858	1.1760E-04
9	27.889	DCB	2.4440	2.9644%	20101	4270	4.7 1	0	-.1196	1.2159E-04

TOTAL AMOUNT = 82.4445

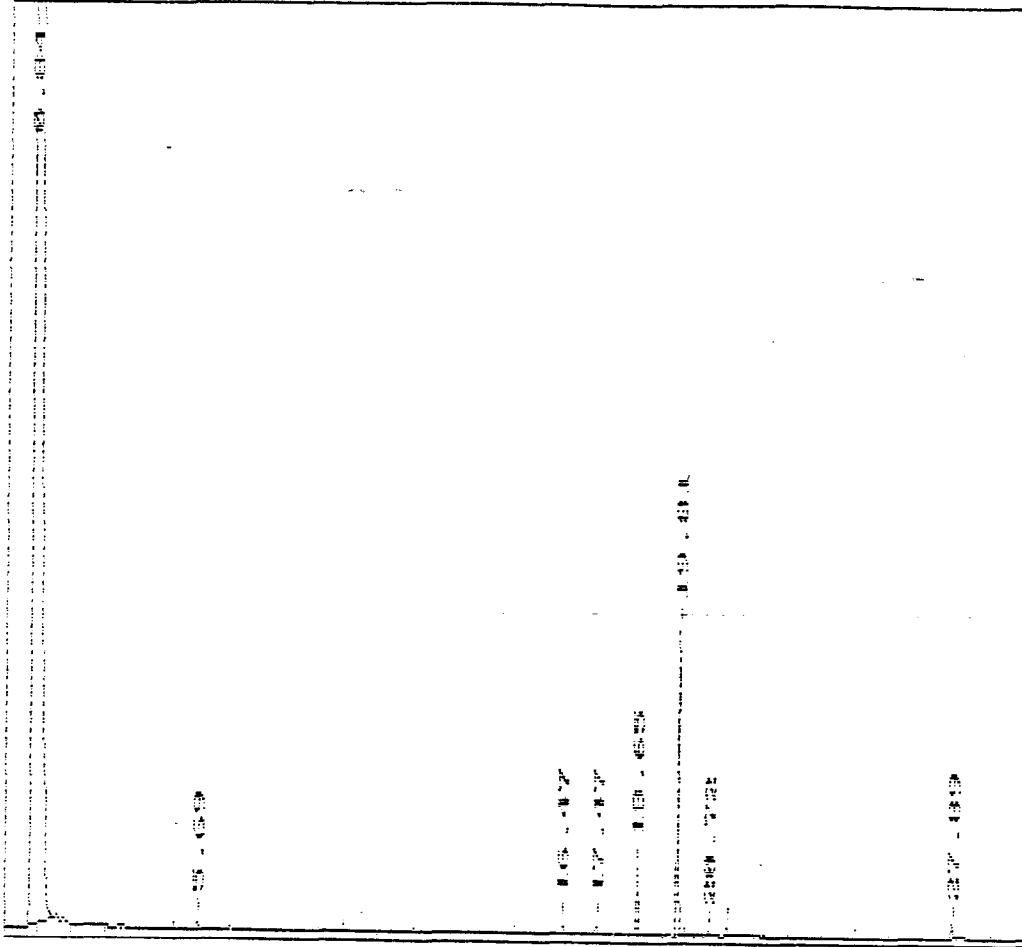
PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
beta-BHC	9.79	TCX
heptachlor	10.67	TCX
delta-BHC	11.17	TCX
Aldrin	11.92	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	15.23	TCX
alpha-Chlordane	15.41	TCX
Endosulfan I	15.50	TCX
Dieldrin	16.68	TCX
Endrin	18.08	TCX
Endosulfan II	18.84	TCX
Endrin aldehyde	20.16	TCX
Methoxychlor	23.28	TCX
Endrin Ketone	23.58	TCX

000070

Areas, times, and heights stored in: E:\NPJ13-20.ATB
Data File = E:\NPJ13-20.PTS Printed on 10-14-1994 at 03:45:37
Start time: 0.00 min. Stop time: 30.00 min. Offset:
Full Range: 300 K-Counts

0 cts



000071

*** EXTERNAL STANDARD TABLE ***

***** 10-14-1994 03:46:02 Version 5.2.0 *****
 * Sample Name: J039-12L 20X Data File: E:\QJ13-20 *
 * Date: 10-14-1994 03:13:57 Method: DLP17 10-13-1994 22:21:27 Version: 2*
 * Interface: 12 Cycle#: 20 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.589	TCX	0.9487	1.1231%	15705	3044	5.2 1	0	.6493	6.0403E-05
3	9.769	DDE	1.1387	1.3481%	16070	4570	3.5 1	0	-.5102	7.0861E-05
4	10.771	Endrin	1.9246	2.2784%	16158	4787	3.4 1	0	.4672	1.1911E-04
6	12.341	DDD	10.7710	12.7511%	91701	24570	3.7 1	0	-.1351	1.1746E-04
7	859	DDT	66.9097	79.2103%	446352	131050	3.4 1	0	-.5167	1.4990E-04
9	19.339	DCB	2.7783	3.2891%	32668	8297	3.9 1	0	-.4299	8.5047E-05

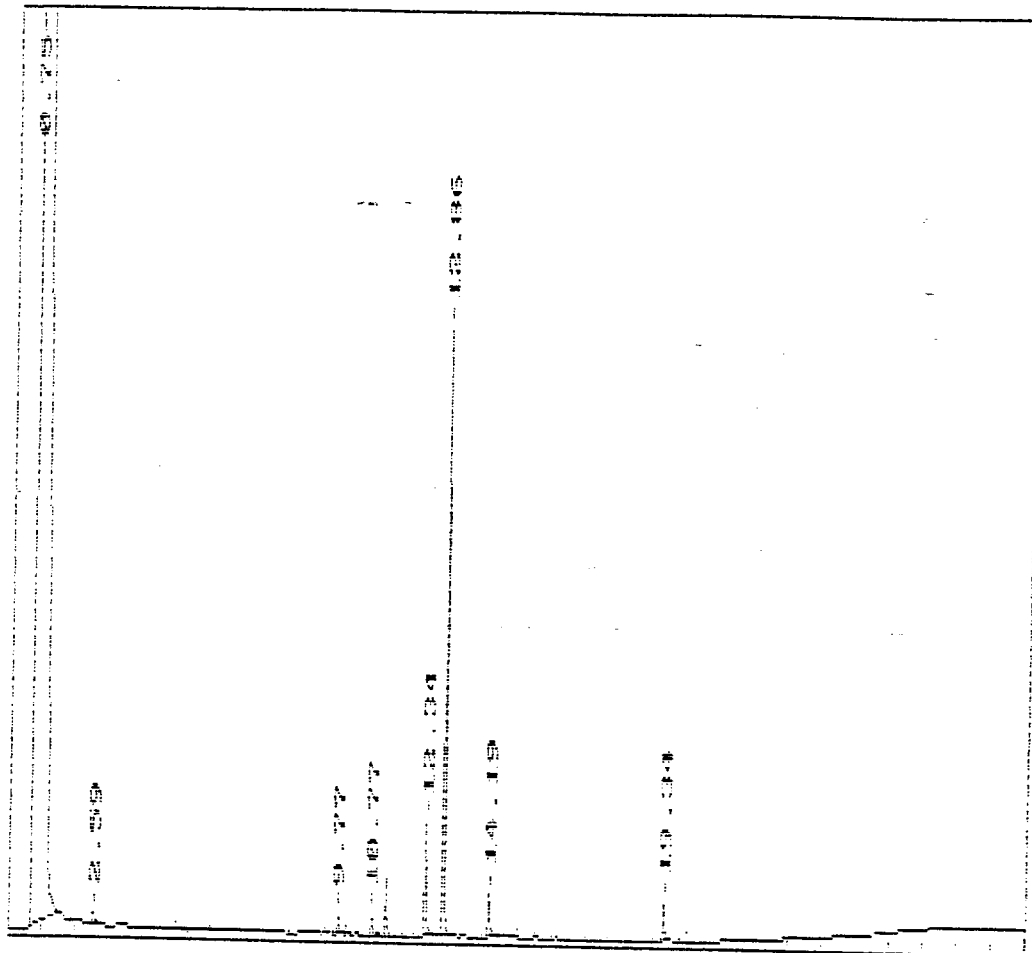
TOTAL AMOUNT = 84.4709

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Aldrin	6.20	TCX
beta-BHC	7.18	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan I	8.93	TCX
gamma-Chlorodane	9.20	TCX
alpha-Chlorodane	9.45	TCX
Dieldrin	10.10	TCX
Endosulfan II	12.30	TCX
Endrin aldehyde	13.73	TCX
Endosulfan sulfate	14.83	TCX
Methoxychlor	15.23	TCX
Endrin Ketone	15.98	TCX

000072

Areas, times, and heights stored in: E:\QJ13-20.ATB
Data File = E:\QJ13-20.PTS Printed on 10-14-1994 at 03:46:19
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000073

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS191C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 15 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-13
 Lab File ID: PJ13-17
 Date Received: 10/12/94
 Date Extracted: 10/13/94
 Date Analyzed: 10-14-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
319-84-6	alpha-BHC	2.00		Q
319-85-7	beta-BHC	2.00		Q
319-86-8	delta-BHC	2.00		Q
58-89-9	gamma-BHC (Lindane)	2.00		Q
76-44-8	Heptachlor	0.16		J
309-00-2	Aldrin	2.00		P
1024-57-3	Heptachlor epoxide	2.00		P
959-98-8	Endosulfan I	2.00		P
60-57-1	Dieldrin	3.88		P
72-55-9	4,4'-DDE	3.88		P
72-20-8	Endrin	3.88		P
33213-65-9	Endosulfan II	3.88		P
72-54-8	4,4'-DDD	0.41		P
1031-07-8	Endosulfan sulfate	3.88		P
50-29-3	4,4'-DDT	2.92		P
72-43-5	Methoxychlor	20.00		P
53494-70-5	Endrin ketone	3.88		P
7421-36-3	Endrin aldehyde	3.88		P
5103-71-9	alpha-Chlordane	2.00		P
5103-74-2	gamma-Chlordane	2.00		P
8001-35-2	Toxaphene	200.00		P
11074-11-2	Aroclor-1016	38.82		P
11104-28-2	Aroclor-1221	78.82		P
11141-16-5	Aroclor-1232	38.82		P
53469-21-9	Aroclor-1242	38.82		P
12672-29-6	Aroclor-1248	38.82		P
11097-69-1	Aroclor-1254	38.82		P
11096-82-5	Aroclor-1260	38.82		P

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLJ-DSS191C

Lab Name: CKY Inc Contract:
 Lab Code: Case No.: SAS No.: SDG No.: 94J039
 Lab Sample ID : J039-13 Date(s) Analyzed: 10-14-1994 10-14-1994
 Instrument ID (1): GC3 Instrument ID (2): GC3
 GC Column(1): DB608 ID: 0.32 (mm) GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Heptachlor	1	10.69	10.63	10.77	0.16	514.6 506.3 MA
	2	5.54	5.49	5.63	0.97	
4,4'-DDD	1	18.65	18.62	18.76	0.45	9.0 9.8 MA
	2	12.34	12.34	12.48	0.41	
4,4'-DDT	1	19.81	19.77	19.91	2.92	3.9 4.1 MA
	2	12.86	12.88	13.02	3.04	

000075

Output redirected to LPT1:

J039-13 Processed: 10-14-1994 02:03:09, Segment 4, Cycle 17
RAW DATA SAVED IN FILE E:\PJ13-17.PTS Second Channel Stored in E:\QJ13-17.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 02:04:30 Version 5.2.0 *****
* Sample Name: J039-13 Data File: E:\PJ13-17 *
* Date: 10-14-1994 01:33:07 Method: CLP17 10-12-1994 12:28:01 Version: 2*
* Interface: 12 Cycle#: 17 Operator: SC Channel: A Vial#: N.A. *
* Starting Peak width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *
* Solvent Description: HE *
* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
* Detector 0: ECD Detector 1: ECD *
* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.002 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
19	5.711	TCX	24.7014	26.3256%	290719	55491	5.2 2	0	.5882	8.4966E-05
25	7.849	alpha-BHC	0.6353	0.6770%	9520	1249	7.6 1	0	-2.489	6.5730E-05
29	10.003	beta-BHC	4.6180	4.9217%	32478	3837	8.5 1	0	2.218	1.4219E-04
31	10.688	Heptachlor	0.4702	0.5012%	5017	1017	4.9 2	0	.1564	9.3733E-05
33	11.105	delta-BHC	0.2665	0.2840%	4229	1126	3.8 1	0	-.5979	6.3009E-05
34	11.824	Aldrin	2.0352	2.1691%	29890	1412	21.2 1	0	-.8403	6.8091E-05
36	15.715	Endosulfan I	0.7582	0.8081%	7193	1585	4.5 1	0	1.400	1.0540E-04
38	16.466	DDE	0.6289	0.6702%	7079	1676	4.2 1	0	-.1013	8.8836E-05
39	17.669	Endrin	3.1717	3.3803%	19509	5287	3.7 1	0	-2.275	1.6258E-04
40	18.654	DDD	1.3713	1.4614%	9081	2488	3.7 1	0	0	1.5100E-04
41	19.806	DOT	9.4792	10.1025%	56619	15282	3.7 1	0	-.1683	1.6742E-04
43	20.725	Endosulfan sulfate	7.3267	7.8085%	62301	13433	4.6 1	0	.4858	1.1760E-04
44	27.872	DCB	38.3677	40.8905%	315553	66460	4.7 1	0	-.1794	1.2159E-04

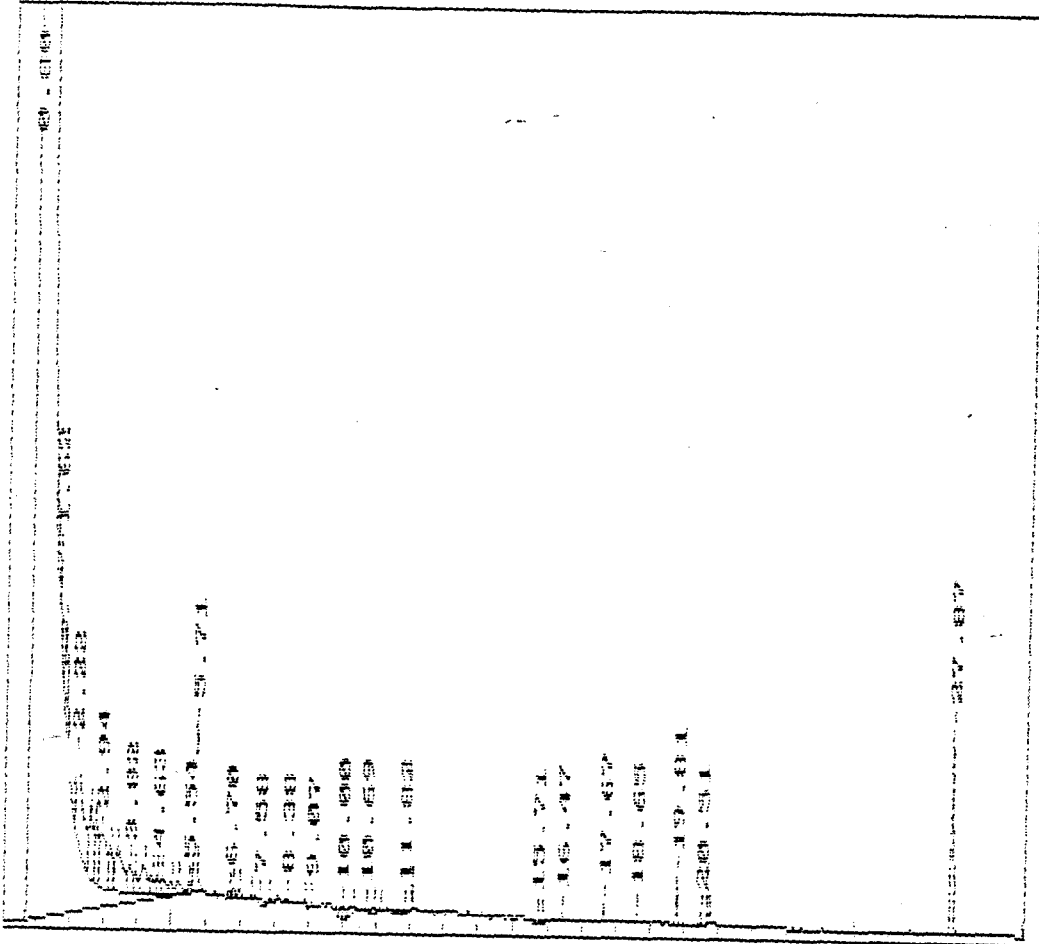
TOTAL AMOUNT = 93.8303

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
gamma-BHC	9.47	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	15.23	TCX
alpha-Chlordane	15.41	TCX
Dieldrin	16.68	TCX
Endosulfan II	18.84	TCX
Endrin aldehyde	20.16	TCX
Methylchlor	23.28	TCX
Endrin Ketone	23.58	TCX

000076

s, times, and heights stored in: E:\PJ13-17.ATB
File = E:\PJ13-17.PTS Printed on 10-14-1994 at 02:04:49
tir 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Range: 300 K-Counts



*** EXTERNAL STANDARD TABLE ***

***** 10-14-1994 02:05:15 Version 5.2.0 *****
 * Sample Name: J039-13 Data File: E:\QJ13-17 *
 * Date: 10-14-1994 01:33:07 Method: DLP17 10-13-1994 22:21:27 Version: 2*
 * Interface: 12 Cycle#: 17 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC.	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.605	TCX	38.7586	32.7076%	641663	80540	8.0 2	0	1.298	6.0403E-05
4	5.544	Heptachlor	2.8054	2.3674%	34455	2745	12.6 1	0	0	8.1421E-05
6	7.164	beta-BHC	4.4783	3.7791%	42221	8249	5.1 1	0	-2.325	1.0607E-04
7	12.341	DDD	1.2645	1.0671%	10765	3005	3.6 1	0	-1.151	1.1746E-04
8	.59	DDT	10.1827	8.5930%	67929	19900	3.4 1	0	-5.167	1.4990E-04
9	13.510	Endrin aldehyde	2.2724	1.9176%	19257	5604	3.4 1	0	-1.581	1.1800E-04
10	15.548	Methoxychlor	16.1298	13.6117%	43893	10939	4.0 1	0	2.083	3.6748E-04
11	19.339	DCB	42.6085	35.9565%	501001	129577	3.9 1	0	-4.299	8.5047E-05

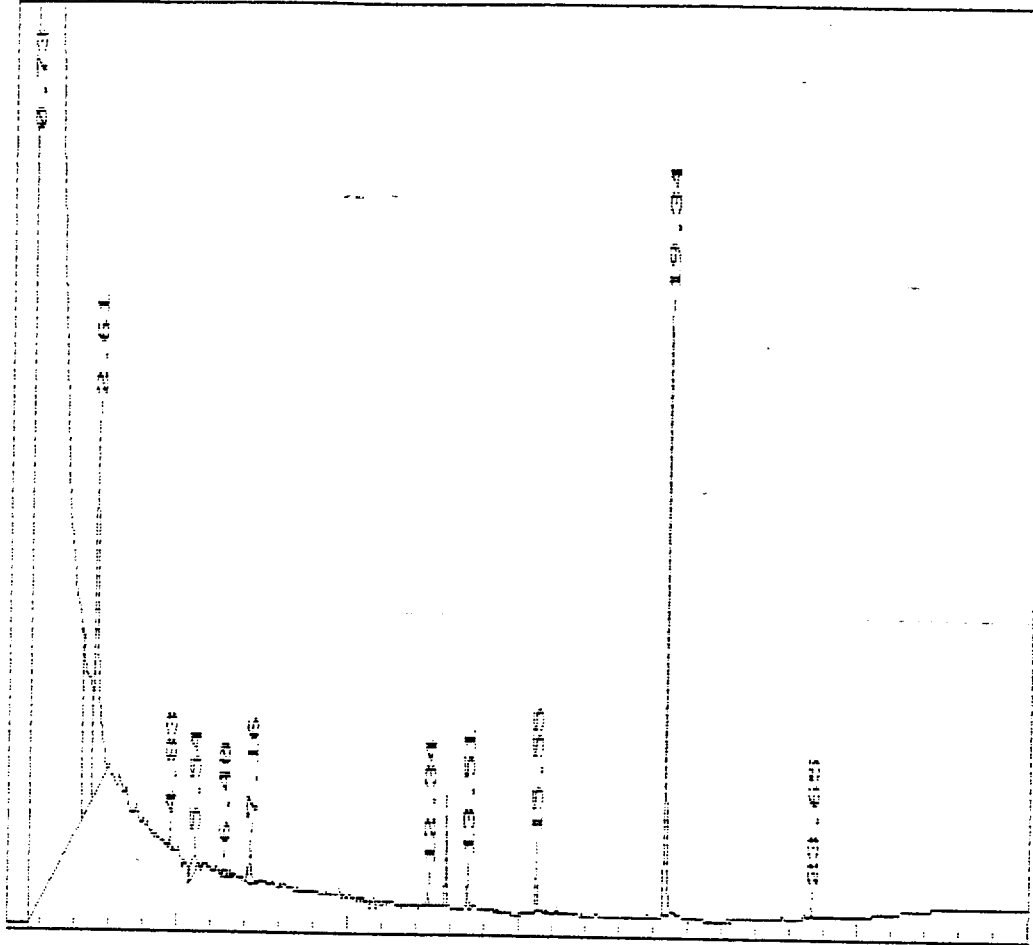
TOTAL AMOUNT = 118.5001

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Aldrin	6.20	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan I	8.93	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
DDT	9.82	TCX
Dieldrin	10.10	TCX
Endrin	10.72	TCX
Endosulfan II	12.30	TCX
Endosulfan sulfate	14.83	TCX
Endrin Ketone	15.98	TCX

000078

Areas, times, and heights stored in: E:\QJ13-17.ATB
Data File = E:\QJ13-17.PTS Printed on 10-14-1994 at 02:05:32
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000079

CALIBRATION

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CKY Inc
 Lab Code:
 Instrument ID: GC3
 GC Column: DB608

Case No.:
 Level (x low):
 ID:0.32 (mm)

Contract:
 SAS No.:
 1X 2X 4X 8X 16X
 Date(s) Analysed: 10-06-94 10-05-94

SDG No.: 94J039

COMPOUND	RT OF STANDARDS				HIGH	MEAN RT	RT WINDOW	
	LOW	MID1	MID2	MID3			FROM	TO
alpha-BHC	8.07	8.08	8.08	8.07	8.05	8.07	8.00	8.14
beta-BHC	9.80	9.80	9.80	9.82	9.79	9.80	9.73	9.87
delta-BHC	11.19	11.19	11.19	11.21	11.17	11.19	11.12	11.26
gamma-BHC (Lindane)	9.50	9.52	9.52	9.52	9.49	9.51	9.44	9.58
Heptachlor	10.69	10.70	10.70	10.70	10.69	10.70	10.63	10.77
Aldrin	11.94	11.94	11.94	11.96	11.92	11.94	11.87	12.01
Heptachlor epoxide	14.14	14.14	14.14	14.16	14.13	14.14	14.07	14.21
Endosulfan I	15.50	15.50	15.51	15.51	15.50	15.50	15.43	15.57
Dieldrin	16.70	16.72	16.72	16.72	16.70	16.71	16.64	16.78
4,4'-DDE	16.50	16.50	16.50	16.52	16.48	16.50	16.43	16.57
Endrin	18.12	18.14	18.14	18.14	18.12	18.13	18.06	18.20
Endosulfan II	18.85	18.85	18.85	18.87	18.84	18.85	18.78	18.92
4,4'-DDD	18.69	18.69	18.69	18.70	18.69	18.69	18.62	18.76
Endosulfan sulfate	20.64	20.64	20.64	20.66	20.62	20.64	20.57	20.71
4,4'-DDT	19.84	19.84	19.84	19.86	19.84	19.84	19.77	19.91
Methoxychlor	23.30	23.30	23.30	23.31	23.28	23.30	23.23	23.37
Endrin ketone	23.60	23.60	23.60	23.61	23.58	23.60	23.53	23.67
Endrin aldehyde	20.16	20.16	20.16	20.17	20.16	20.16	20.09	20.23
alpha-Chlordane	15.41	15.41	15.41	15.43	15.41	15.42	15.35	15.49
gamma-Chlordane	14.78	14.78	14.78	14.80	14.76	14.78	14.71	14.85
Tetrachloro-m-xylene	5.69	5.71	5.73	5.71	5.66	5.70	5.63	5.77
Decachlorobiphenyl	27.94	27.94	27.94	27.96	27.92	27.94	27.84	28.04

000080

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CKY Inc
 Lab Code:
 Instrument ID: GC3
 GC Column: DB1701

Case No.:
 Level (x low):
 ID:0.32 (mm)

Contract:
 SAS No.:
 1X 2X 4X 8X 16X
 Date(s) Analysed: 10-06-94 10-05-94

SDG No.: 94J039

COMPOUND	RT OF STANDARDS					MEAN RT	RT WINDOW	
	LOW	MID1	MID2	MID3	HIGH		FROM	TO
alpha-BHC	4.18	4.19	4.21	4.18	4.14	4.18	4.11	4.25
beta-BHC	7.20	7.20	7.21	7.23	7.18	7.20	7.13	7.27
delta-BHC	7.78	7.78	7.78	7.80	7.75	7.78	7.71	7.85
gamma-BHC (Lindane)	5.08	5.09	5.11	5.09	5.04	5.08	5.01	5.15
Heptachlor	5.56	5.58	5.58	5.56	5.53	5.56	5.49	5.63
Aldrin	6.21	6.21	6.23	6.25	6.20	6.22	6.15	6.29
Heptachlor epoxide	8.22	8.22	8.23	8.25	8.20	8.22	8.15	8.29
Endosulfan I	8.97	8.97	8.98	8.97	8.93	8.96	8.89	9.03
Dieldrin	10.12	10.14	10.14	10.14	10.10	10.13	10.06	10.20
4,4'-DDE	9.84	9.84	9.85	9.85	9.82	9.84	9.77	9.91
Endrin	10.74	10.75	10.75	10.75	10.72	10.74	10.67	10.81
Endosulfan II	12.37	12.37	12.37	12.39	12.36	12.37	12.30	12.44
4,4'-DDD	12.41	12.42	12.42	12.42	12.39	12.41	12.34	12.48
Endosulfan sulfate	14.85	14.85	14.85	14.86	14.83	14.85	14.78	14.92
4,4'-DDT	12.94	12.96	12.96	12.96	12.93	12.95	12.88	13.02
Methoxychlor	15.25	15.26	15.26	15.26	15.23	15.25	15.18	15.32
Endrin ketone	16.00	16.00	16.00	16.02	15.98	16.00	15.93	16.07
Endrin aldehyde	13.74	13.74	13.74	13.76	13.73	13.74	13.67	13.81
alpha-Chlordane	9.47	9.47	9.47	9.49	9.45	9.47	9.40	9.54
gamma-Chlordane	9.22	9.22	9.22	9.24	9.20	9.22	9.15	9.29
Tetrachloro-m-xylene	2.59	2.62	2.64	2.59	2.54	2.60	2.53	2.67
Decachlorobiphenyl	19.44	19.44	19.44	19.46	19.42	19.44	19.34	19.54

000081

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CKY Inc
 Lab Code:
 Instrument ID: GC3
 GC Column: DB608

Contract:
 Case No.: SAS No.: SDG No.: 94J039
 Level (x low): 1X 2X 4X 8X 16X
 ID:0.32 (mm) Date(s) Analysed: 10-06-94 10-05-94

COMPOUND	CALIBRATION FACTORS					MEAN	%RSD
	LOW	MID1	MID2	MID3	HIGH		
alpha-BHC	6836	6738	6454	6023	5944	6399	6.3
beta-BHC	3957	3681	3267	2975	2726	3321	15.1
delta-BHC	7472	7397	6879	6548	6244	6908	7.7
gamma-BHC (Lindane)	6535	6375	6051	5538	5401	5980	8.4
Heptachlor	5712	5396	4986	4379	4171	4929	13.3
Aldrin	7319	7008	6406	6158	5747	6528	9.7
Heptachlor epoxide	6887	6441	5736	5226	4747	5807	15.0
Endosulfan I	5279	4982	4569	4100	3646	4515	14.6
Dieldrin	4901	4686	4357	3912	3466	4265	13.6
4,4'-DDE	5775	5575	5065	4775	4378	5114	11.2
Endrin	3657	3442	3194	2749	2322	3073	17.5
Endosulfan II	5308	4992	4402	3974	3594	4454	15.8
4,4'-DDD	3453	3359	3157	2917	2536	3084	12.0
Endosulfan sulfate	4415	4382	3892	3538	3317	3909	12.6
4,4'-DDT	3296	3236	3037	2750	2242	2912	14.8
Methoxychlor	1304	1218	1092	952	769	1067	20.0
Endrin ketone	4764	4543	4005	3664	3350	4065	14.5
Endrin aldehyde	3462	3268	2869	2616	2347	2913	15.7
alpha-Chlordane	7395	7008	6330	5857	5393	6397	12.8
gamma-Chlordane	7151	6793	6132	5720	5353	6230	11.9
Tetrachloro-m-xylene	5510	5192	4802	4300	3958	4752	13.3
Decachlorobiphenyl	4430	3976	3496	3089	2357	3470	23.1

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CKY Inc
 Lab Code:
 Instrument ID: GC3
 GC Column: DB1701

Case No.:
 Level (x low):
 ID:0.32 (mm)

Contract:
 SAS No.:
 Date(s) Analysed: 10-06-94 10-05-94

SDG No.: 94J039

COMPOUND	CALIBRATION FACTORS					MEAN	%RSD
	LOW	MID1	MID2	MID3	HIGH		
alpha-BHC	7701	7756	7745	7362	7443	7601	2.4
beta-BHC	4799	4715	4282	3970	3671	4287	11.2
delta-BHC	8142	8266	7918	7702	7510	7908	3.9
gamma-BHC (Lindane)	7536	7564	7395	6852	6852	7240	5.0
Heptachlor	6013	5874	5572	4949	4843	5450	9.8
Aldrin	8682	8557	7914	7532	7049	7947	8.7
Heptachlor epoxide	8409	8010	7262	6731	6216	7326	12.3
Endosulfan I	6376	6098	5689	5093	4745	5600	12.1
Dieldrin	6169	5941	5602	5016	4602	5466	11.9
4,4'-DDE	7011	6861	6329	5961	5499	6332	9.9
Endrin	4728	4527	4307	3723	3254	4108	14.8
Endosulfan II	6614	6290	5608	5098	4734	5669	13.9
4,4'-DDD	4342	4261	4078	3670	3280	3926	11.3
Endosulfan sulfate	6143	5820	5393	4891	4477	5345	12.6
4,4'-DDT	3821	3737	3507	3082	2492	3327	16.5
Methoxychlor	1615	1679	1546	1281	1022	1429	19.1
Endrin ketone	5864	5617	4960	4503	4169	5023	14.3
Endrin aldehyde	3913	3844	3905	3624	3290	3715	7.1
alpha-Chlordane	8703	8210	7423	6866	6322	7505	12.9
gamma-Chlordane	8579	8100	7357	6837	6341	7443	12.2
Tetrachloro-m-xylene	6979	6766	5700	5919	5542	6181	10.5
Decachlorobiphenyl	6310	5691	5070	4326	3333	4946	23.5

**CKY
REPORT PACKAGE 2**



CKY incorporated Analytical Laboratories

Date: 11-15-1994
CKY Batch No.: 94J043

Attn: Kent Geis

OHM
100 Dominion Drive # 107
Morrisville, N. Carolina 27560

Subject: Laboratory Report
Project: Camp Lejeune, NC

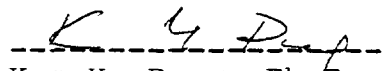
Enclosed is the Laboratory report for samples received on 10/14/94. The samples were received in coolers with ice and intact; the chain-of-custody forms were properly filled out. The data reported include :

Sample ID	Control No.	Matrix	Analysis
CLJ-DSS199C	J043-01	Soil	CLP Pesticide
CLJ-DSS200C	J043-02	Soil	CLP Pesticide

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,



Kam Y. Pang, Ph.D.
Laboratory Director

P.S. - All analyses requested for the above referenced project have been completed. Therefore, unless instructed, the remaining portions of the samples will be disposed after fifteen (15) days from the date of this report.

LABORATORY REPORT FOR

OHM

CAMP LEJEUNE, NC

CHLORINATED PESTICIDES

SDG#: 94J043

NOVEMBER 15, 1994

CASE NARRATIVE

CLIENT: OHM
PROJECT: CAMP LEJEUNE, NC
SDG: 94J043

CHLORINATED PESTICIDES

Two (2) soil samples were received on 10/14/94 for pesticides analysis in accordance with SW846.

1. Holding Time

All samples were extracted and analyzed within holding time.

2. Surrogate Recovery

Surrogate recoveries were all within QC limits except diluted samples which had high recoveries on DCB.

3. Matrix Spike/Matrix Spike Duplicate

Sample J043-01 was designated for matrix spike/matrix spike duplicate. All recoveries were within QC limit.

4. Lab Control Sample

All recoveries were within QC limits.

5. Method Blank

Method Blank was free of contamination except gamma-BHC which had concentration below CRDL.

6. Instrument Performance and Calibration

Initial calibration was five-point, the RSD were all within QC limits. Continue calibration was done at 12-hour interval.

7. Sample Analysis

Both samples were detected for target compounds which had concentration over calibration range. Samples were diluted in order to put them in calibration range. Both results were reported.

000001



OHM Corporation

RUSH

CHAIN-OF-CUSTODY RECORD

LAB COPY

due 10/17

Form 0019
Field Technical Services
Rev. 08/89

94J043

I 5

139231

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME OHM / Camp Lejeune		PROJECT LOCATION Camp Lejeune, NC	
PROJ. NO. 16207	PROJECT CONTACT Randy Smith	PROJECT TELEPHONE NO. 910-457-1809	
CLIENT'S REPRESENTATIVE		PROJECT MANAGER/SUPERVISOR Kent Geis	

NUMBER OF CONTAINERS

ANALYSIS DESIRED
(INDICATE SEPARATE CONTAINERS)

EPA M 2020

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	REMARKS
1	CLJ-DSS199C	10/12/94	1800		X	Soil Sample Area 2	
2	CLJ-DSS200C	10/12/94	1805		X	Soil Sample Area 2	
3							
4							
5							
6							
7							
8							
9							
10							

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	2	Missy Art	PEDEX	10/13/94	0900	48 hr T.A.T. T=4°C
2		PEDEX	J. Betel	10/14/94	10:30	
3						Missy Art SAMPLER'S SIGNATURE
4						

QC SUMMARY

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: CKY Inc
 La Code:
 GC Column(1): DB608

Case No.:
 ID: 0.32 (mm)

Contract:
 SAS No.: SDG No.: 94J043
 GC Column(2): DB1701 ID: 0.32 (mm)

EPA SAMPLE NO.		TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
1	PBLK01	36	40	88	90			0
2	LCS01	44	49	82	84			0
3	CLJ-DSS199C	72	70	91	93			0
4	CLJ-DSS200C	69	80	92	98			0
5	CLJ-DSS199CDL	123	0D	187	212			2
6	CLJ-DSS200CDL	138	0D	185	204			2

ADVISORY
 QC LIMITS
 (20-150)
 (20-150)

TCX = Tetrachloro-m-xylene
 DCB = Decachlorobiphenyl

Column to be used to flag recovery values
 * Values outside of QC limits
 D Surrogate diluted out

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CKY Inc

Contract: 01-F000-06-I93-0024

Lab. Code:

Case No.:

SAS No.:

SDG No.: 94J043

Matrix Spike - EPA Sample No.: CLJ-DSS199C

COMPOUND	SPIKE ADDED (ug/KG)	SAMPLE CONCENTRATION (ug/KG)	MS CONCENTRATION (ug/KG)	MS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	20.08	0.00	15.60	78	46 127
Heptachlor	20.08	0.35	14.84	72	35 130
Aldrin	20.08	0.00	12.11	60	34 132
Dieldrin	40.16	0.00	37.75	94	31 134
Endrin	40.16	5.12	45.39	100	42 139
4,4'-DDT	40.16	341.66	379.16	93	23 134

COMPOUND	SPIKE ADDED (ug/KG)	MSD CONCENTRATION (ug/KG)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
gamma-BHC (Lindane)	20.08	11.82	59	28 / <i>MA*</i>	50	46 127
Heptachlor	20.08	12.62	61	16 (17) <i>MA*</i>	31	35 130
Aldrin	20.08	10.30	51	16 (17) <i>MA*</i>	43	34 132
Dieldrin	40.16	33.07	82	13 (14) <i>MA*</i>	38	31 134
Endrin	40.16	40.09	87	12 (14) <i>MA*</i>	45	42 139
4,4'-DDT	40.16	387.67	115	2 (21) <i>MA*</i>	50	23 134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limits

Spike Recovery: 0 out of 12 outside limits

COMMENTS: _____

000004

3F-LCS
SOIL PESTICIDE LAB CONTROL SAMPLE RECOVERY

Lab Name: CKY Inc

Contract: 01-F000-06-I93-0024

Lab Code: Case No.:

SAS No.:

SDG No.: 94J043

Lab Control Sample No.: LCS02

✓ MA

COMPOUND	SPIKE ADDED (ug/KG)	SAMPLE CONCENTRATION (ug/KG)	MS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	16.67	9.91	59	46-127
Heptachlor	16.67	9.07	54	35-130
Aldrin	16.67	7.76	47	34-132
Dieldrin	33.33	24.29	73	31-134
Endrin	33.33	25.97	78	42-139
4,4'-DDT	33.33	23.14	69	23-134

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

LCS Recovery: 0 out of 6 outside Limits

COMMENTS:

PESTICIDE METHOD BLANK SUMMARY

PBLK01

Lab Name: CKY Inc Contract: 01-F000-06-I93-0024
 Lab Code: Case No.: SAS No.: SDG No.: 94J043
 Lab Sample ID: J043-B1S Lab File ID: PJ14-5
 Matrix: (soil/water) SOIL Extraction: (SepF/Cont/Sonc) SONC
 Sulfur cleanup: (Y/N) N Date Extracted: 10-14-1994
 Date Analyzed (1): 10-14-1994 Date Analyzed (2): 10-14-1994
 Time Analyzed (1): 20:16:09 Time Analyzed (2): 20:16:09
 Instrument ID (1): GC3 Instrument ID (2): GC3
 GC Column (1): DB608 ID: 0.32 (mm) GC Column (2): DB1701 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	LCS021	J043-L1S	10-14-1994	10-14-1994
2	CLJ-DSS199C	J043-01	10-14-1994	10-14-1994
3	CLJ-DSS199CDL	J043-01L	10-15-1994	10-15-1994
4	CLJ-DSS200C	J043-02	10-14-1994	10-14-1994
5	CLJ-DSS200CDL	J043-02L	10-15-1994	10-15-1994
6	CLJ-DSS200CDL	J043-01S	10-14-1994	10-14-1994
7	CLJ-DSS200CDL	J043-01D	10-14-1994	10-14-1994

COMMENTS: _____

SAMPLE RESULTS

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS199C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 17 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J043
 Lab Sample ID : J043-01
 Lab File ID: PJ14-8
 Date Received: 10/14/94
 Date Extracted: 10/14/94
 Date Analyzed: 10-14-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

319-84-6	alpha-BHC	2.05	U
319-85-7	beta-BHC	2.05	U
319-86-8	delta-BHC	0.25	JP
58-89-9	gamma-BHC (Lindane)	2.05	U
76-44-8	Heptachlor	0.35	JP
309-00-2	Aldrin	2.05	U
1024-57-3	Heptachlor epoxide	2.05	U
959-98-8	Endosulfan I	2.05	U
60-57-1	Dieldrin	3.98	U
72-55-9	4,4'-DDE	31.56	
72-20-8	Endrin	5.12	P
30213-65-9	Endosulfan II	3.98	U
72-54-8	4,4'-DDD	222.70	P
1031-07-8	Endosulfan sulfate	3.98	U
50-29-3	4,4'-DDT	341.66	P
72-43-5	Methoxychlor	20.50	U
53494-70-5	Endrin ketone	3.98	U
7421-36-3	Endrin aldehyde	3.98	U
5103-71-9	alpha-Chlordane	2.05	U
5103-74-2	gamma-Chlordane	2.05	U
8001-35-2	Toxaphene	204.82	U
12674-11-2	Aroclor-1016	39.76	U
11104-28-2	Aroclor-1221	80.72	U
11141-16-5	Aroclor-1232	39.76	U
53469-21-9	Aroclor-1242	39.76	U
12672-29-6	Aroclor-1248	39.76	U
11097-69-1	Aroclor-1254	39.76	U
11096-82-5	Aroclor-1260	39.76	U

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLJ-DSS199C

Lab Name: CKY Inc
Lab Code: Case No.:
Lab Sample ID : J043-01
Instrument ID (1): GC3
GC Column(1): DB608 ID: 0.32 (mm)

Contract:
SAS No.: SDG No.: 94J043
Date(s) Analyzed: 10-14-1994 10-14-1994
Instrument ID (2): GC3
GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
delta-BHC	1	11.21	11.12	11.26	0.80	
	2	7.85	7.71	7.85	0.25	217.9
Heptachlor	1	10.75	10.63	10.77	0.35	
	2	5.53	5.49	5.63	0.96	171.6
4,4'-DDE	1	16.47	16.43	16.57	31.56	
	2	9.77	9.77	9.91	31.80	0.8
Endrin	1	18.15	18.06	18.20	5.12	
	2	10.75	10.67	10.81	80.63	1474
4,4'-DDD	1	18.62	18.62	18.76	332.24	
	2	12.31	12.34	12.48	222.70	49.2
4,4'-DDT	1	19.76	19.77	19.91	446.42	
	2	12.83	12.88	13.02	341.66	30.7

22090 MA
174.32 MA
MA
(1475) MA
MA
MA

$$\%D = \frac{\text{conc}_1 - \text{conc}_2}{\text{conc}_2} \times 100$$

Output redirected to LPT1:

J043-01 Processed: 10-14-1994 22:33:44. Segment 8, Cycle 8

RAW DATA SAVED IN FILE E:\PJ14-8.PTS Second Channel Stored in E:\QJ14-8.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 22:35:06 version 5.2.0 *****

* Sample Name: J043-01 Data File: E:\PJ14-8 *
* Date: 10-14-1994 21:57:00 Method: CLP17 10-12-1994 12:28:01 Version: 2*
* Interface: 12 Cycle#: 8 Operator: SC Channel: A Vial#: N.A. *
* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *
* Solvent Description: HE *
* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
* Detector 0: ECD Detector 1: ECD *
* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.002 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
20	6.95	TCX	29.1757	1.0965%	343380	51178	5.5 2	0	.2941	8.4966E-05
28	8.099	alpha-BHC	1.1819	0.0444%	17712	2624	5.7 1	0	.5224	6.6730E-05
32	9.419	gamma-BHC	2.6358	0.0991%	36060	2431	14.8 2	0	-.5290	7.3095E-05
33	9.653	beta-BHC	2.7603	0.1037%	19413	3846	5.0 2	0	-1.365	1.4219E-04
36	10.755	Hectachlor	1.0250	0.0385%	10935	1513	7.2 2	0	.7824	9.3733E-05
38	11.206	delta-BHC	2.1702	0.0816%	34442	3523	9.8 2	0	.2989	6.3009E-05
40	12.074	Aldrin	11.7174	0.4404%	172085	37007	4.7 2	0	1.260	6.8091E-05
44	14.128	Hectachlor epoxide	0.6194	0.0233%	7602	2061	3.7 1	0	0	8.1476E-05
47	15.147	gamma-Chlordane	9.2581	0.3479%	125027	22855	5.5 2	0	-.5482	7.4049E-05
48	15.548	Endosulfan I	11.8957	0.4471%	112860	24475	4.6 2	0	.3232	1.0540E-04
52	16.466	DOE ✓	29 ✓ - 88.4102	3.3227%	995208	241676	4.1 2	0	-.1013	8.8836E-05
53	16.767	Dieldrin	7.9855	0.3001%	72072	14531	5.0 2	0	.5305	1.1080E-04
58	18.153	Endrin	16.5542	0.6222%	101823	25834	3.9 2	0	.4031	1.6258E-04
60	18.621	000 ✓	985.9027	37.0531%	6529023	972873	6.7 0V	0	-.2683	1.5100E-04
64	19.756	DOT ✓	1412.9697	53.1035%	8439636	972686	8.7 0V	0	-.4208	1.6742E-04
65	20.491	Endrin aldehyde	14.7520	0.5544%	89847	8573	10.5 4	0	1.657	1.3419E-04
66	20.725	Endosulfan sulfata	14.8526	0.5582%	126296	22626	5.6 2	0	.4858	1.1760E-04
75	23.196	Methoxychlor	5.9451	0.2234%	12047	2028	5.9 4	0	-.3586	4.9350E-04
76	23.413	Endrin Ketone	2.3538	0.0885%	20346	3804	5.3 1	0	-.7082	1.1569E-04
85	27.872	DCS	38.6200	1.4515%	317628	69808	4.6 1	0	-.1794	1.2159E-04

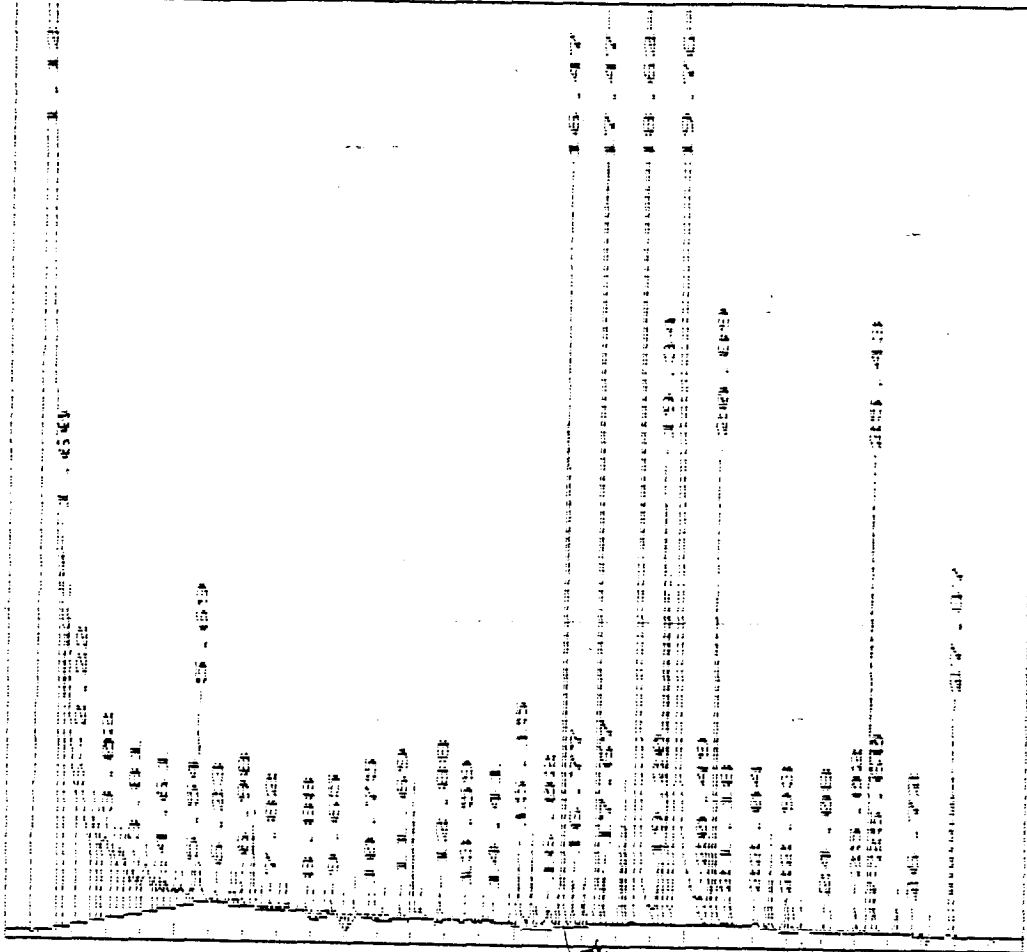
TOTAL AMOUNT = 2660.7852

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-Chlordane	15.41	TCX
Endosulfan II	18.84	TCX

000009

Areas, times, and heights stored in: E:\PJ14-8.ATB
Data File = E:\PJ14-8.PTS Printed on 10-14-1994 at 22:35:25
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 22:35:54 Version 5.2.0 *****
 * Sample Name: J043-01 Data File: E:\GJJ14-8 *
 * Date: 10-14-1994 21:57:00 Method: DLP17 10-14-1994 03:51:55 Version: 3*
 * Interface: 12 Cycle#: 8 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
4	2.589	TCX	24.1166	1.0513%	399260	69107	5.8 2	0	.6493	6.0403E-05
8	5.077	gamma-BHC	1.1352	0.0495%	19547	2374	8.2 1	0	.6622	5.8075E-05
9	5.528	Heptachlor	2.7020	0.1178%	33185	2915	11.8 1	0	-.3012	8.1421E-05
12	7.148	beta-BHC	21.1460	0.9218%	199366	45352	4.4 1	0	-.4651	1.0607E-04
14	7.849	delta-BHC	0.6584	0.0287%	12470	3204	3.9 2	0	1.293	5.2799E-05
18	8.734	Endosulfan I	17.8241	0.7770%	217240	40938	5.3 2	0	-2.240	8.2047E-05
19	9.352	gamma-Chlorodane	6.6795	0.2912%	108498	20536	3.5 2	0	1.533	6.1450E-05
20	9.469	alpha-Chlorodane	4.2204	0.1840%	68635	18666	3.7 2	0	.1766	6.1491E-05
21	9.769	ODE	30 88.7805	3.8700%	1252876	332723	3.8 3	0	-.5102	7.0861E-05
22	10.053	Dieldrin	29.0351	1.2657%	344554	14952	17.3 4	0	-.4958	8.4269E-05
26	10.755	Endrin	257.4582	11.2227%	2161489	574393	3.7 2	0	.3115	1.1911E-04
30	12.308	DDO	664.0936	28.9481%	5653911	954007	5.9 0V	0	-.1387	1.1746E-04
32	12.826	DD1	1118.0374	48.7357%	7458386	952648	7.8 0V	0	-.7751	1.4990E-04
33	13.494	Endrin aldehyde	2.8333	0.1235%	24012	6248	3.8 4	0	-1.703	1.1800E-04
35	14.997	Endosulfan sulfate	1.6909	0.0737%	19524	5085	3.8 1	0	1.126	8.6607E-05
36	15.437	Methoxychlor	5.9284	0.2584%	16133	4816	3.3 2	0	1.315	3.6748E-04
38	15.882	Endrin Ketone	7.8539	0.3424%	84253	22412	3.8 1	0	-.6269	9.3219E-05
46	19.339	DCB	39.8911	1.7389%	469049	125254	3.7 1	0	-.4299	8.5047E-05

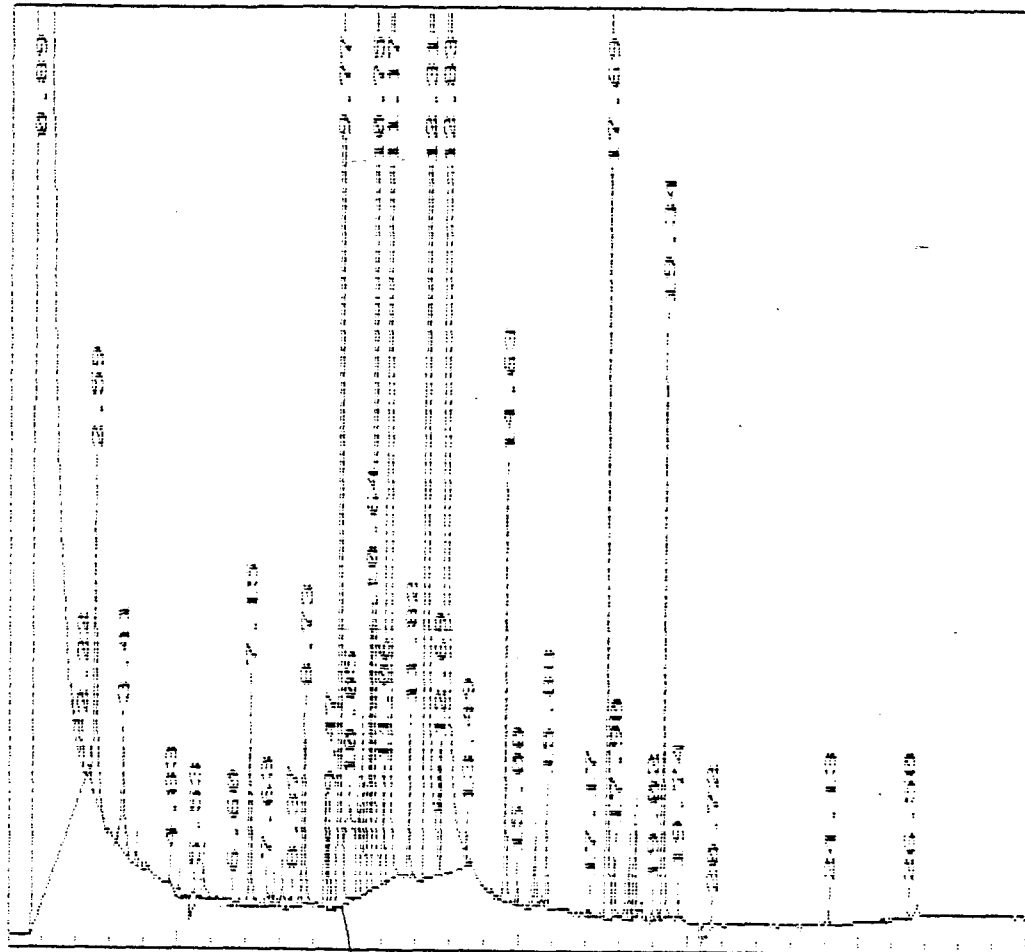
TOTAL AMOUNT = 2294.0847

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
Aldrin	6.20	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan II	12.28	TCX

000011

Areas, times, and heights stored in: E:\QJ14-8.ATB
Data File = E:\QJ14-8.PTS Printed on 10-14-1994 at 22:36:12
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000012

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS199CDL

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 17 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J043
 Lab Sample ID: J043-01L
 Lab File ID: PJ14-13
 Date Received: 10/14/94
 Date Extracted: 10/14/94
 Date Analyzed: 10-15-1994
 Dilution Factor: 100
 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
319-84-6	alpha-BHC	204.82		U
319-85-7	beta-BHC	204.82		U
319-86-8	delta-BHC	204.82		U
58-89-9	gamma-BHC (Lindane)	204.82		U
76-44-8	Heptachlor	204.82		U
309-00-2	Aldrin	204.82		U
1024-57-3	Heptachlor epoxide	204.82		U
959-98-8	Endosulfan I	204.82		U
60-57-1	Dieldrin	397.59		U
72-55-9	4,4'-DDE	60.51		J
20-8	Endrin	397.59		U
35213-65-9	Endosulfan II	397.59		U
72-54-8	4,4'-DDD	1160.01		P
1031-07-8	Endosulfan sulfate	397.59		U
50-29-3	4,4'-DDT	3979.82		
72-43-5	Methoxychlor	2048.19		U
53494-70-5	Endrin ketone	397.59		U
7421-36-3	Endrin aldehyde	397.59		U
5103-71-9	alpha-Chlordane	204.82		U
5103-74-2	gamma-Chlordane	204.82		U
8001-35-2	Toxaphene	20481.93		U
12674-11-2	Aroclor-1016	3975.90		U
11104-28-2	Aroclor-1221	8072.29		U
11141-16-5	Aroclor-1232	3975.90		U
53469-21-9	Aroclor-1242	3975.90		U
12672-29-6	Aroclor-1248	3975.90		U
11097-69-1	Aroclor-1254	3975.90		U
11096-82-5	Aroclor-1260	3975.90		U

Output redirected to LPT1:

J043-02L Processed: 10-15-1994 01:18:10, Segment 2, Cycle 13

RAW DATA SAVED IN FILE E:\NPI14-13.PTS Second Channel Stored in E:\NPI14-13.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-15-1994 01:19:33 Version 5.2.0 *****

* Sample Name: J043-01L 100% - Data File: F:\NPI14-13 *
* Date: 10-15-1994 00:47:55 Method: CLP17 10-12-1994 12:28:01 Version: 2 *
* Interface: 12 Cycle#: 13 Operator: SC Channel: A Vial#: N.A. *
* Starting Peak width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *
* Solvent Description: HE *
* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
* Detector 0: ECD Detector 1: ECD *
* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.002 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

Table with 10 columns: PEAK NUM, RET TIME, PEAK NAME, CONCENTRATION in PPB, NORMALIZED CONC, AREA, HEIGHT, HEIGHT BL, REF PEAK, % DELTA RET TIME, CONC/AREA. Rows include TCX, Aldrin, gamma-Chlordane, DDE, DDD, DDT, Endosulfan sulfate, and DCB.

TOTAL AMOUNT = 182.0830

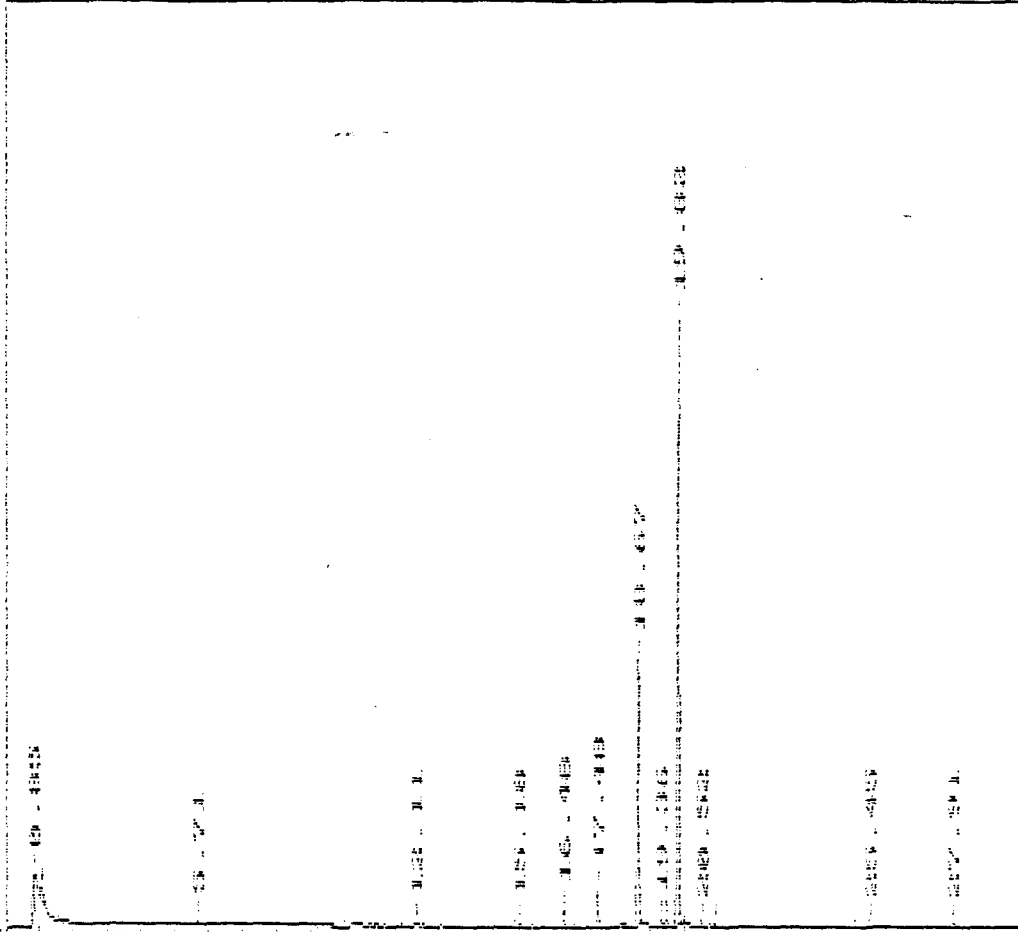
Table with 3 columns: NAME, ADJUSTED RET.TIME., REFERENCE PEAK. Lists peaks not found in this run such as alpha-BHC, gamma-BHC, beta-BHC, Heptachlor, etc.

Areas, times, and heights stored in: E:\NPJ14-13.ATB

File = E:\NPJ14-13.PTS Printed on 10-15-1994 at 01:19:52

Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cms

Full Range: 300 K-Counts



000016

***** EXTERNAL STANDARD TABLE *****

***** 10-15-1994 01:20:19 Version 5.2.0 *****
 * Sample Name: J043-01L 100X Data File: F:\NOJ14-13 *
 * Date: 10-15-1994 00:47:55 Method: DLP17 10-14-1994 03:51:55 Version: 3*
 * Interface: 12 Cycle#: 13 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: He *
 * Conditions: 1700/1min 2700/7min 240/min 2900/4min 1100/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPI1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	9.786	DDE	1.6891	0.9626%	23837	6694	3.6 1	0	-1.3401	7.0861E-05
3	10.788	Endrin	7.1111	4.0523%	59701	16841	3.5 1	0	.6230	1.1911E-04
5	12.341	DDE	34.5915	19.7124%	294503	73316	4.0 1	0	.1322	1.1746E-04
6	13.876	DDT	130.2349	74.2160%	868792	252112	3.4 1	0	-1.3875	1.4990E-04
7	13.510	Endrin aldehyde	0.9417	0.5367%	7981	2121	3.8 1	0	-1.581	1.1800E-04
9	19.355	DiB	0.9125	0.5200%	10729	2842	3.8 1	0	-1.2409	8.5047E-05

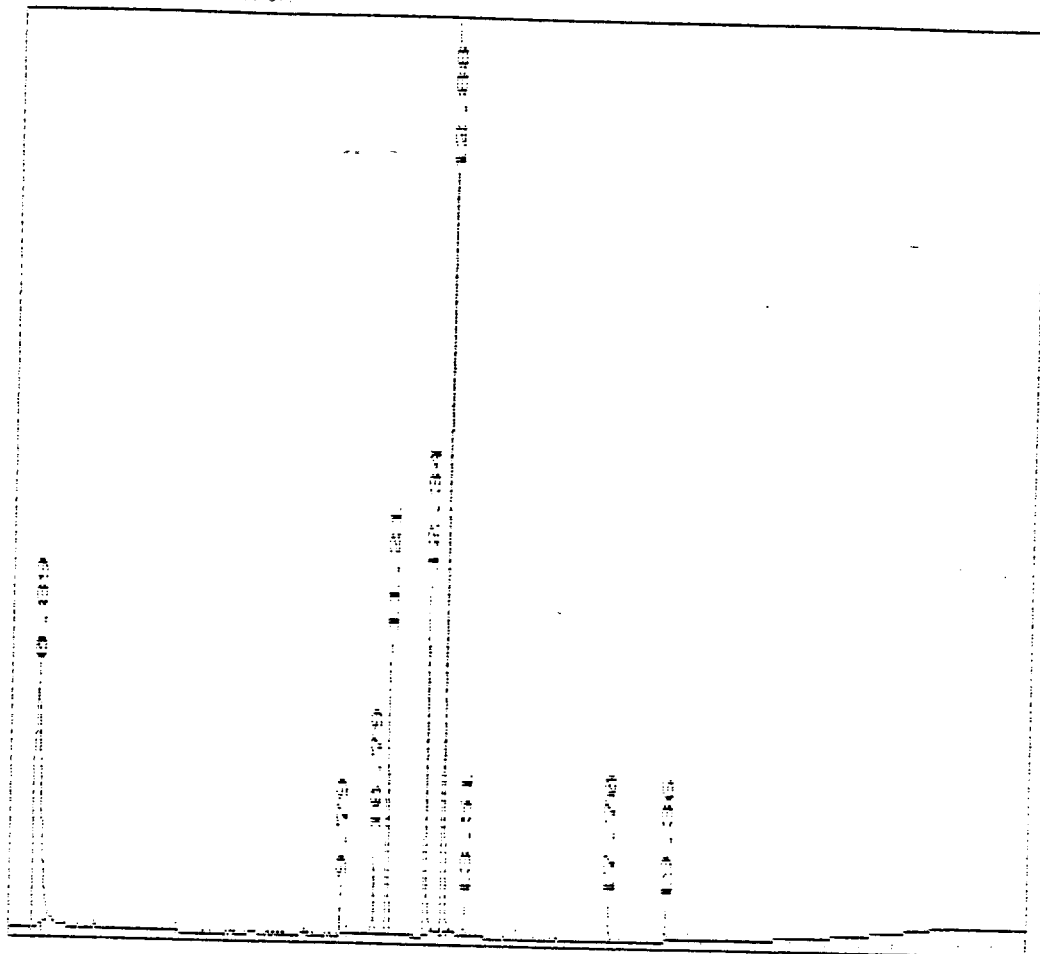
TOTAL AMOUNT = 175.4809

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
TCX	2.57	TCX
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Aldrin	6.20	TCX
beta-BHC	7.18	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan I	8.93	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
Dieldrin	10.10	TCX
Endosulfan II	12.28	TCX
Endosulfan sulfate	14.83	TCX
Methoxychlor	15.23	TCX
Endrin Ketone	15.98	TCX

000017

Areas, times, and heights stored in: E:\QJ14-13.AFB
C:\a File = E:\QJ14-13.PTS Printed on 10-15-1994 at 01:20:37
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000018

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS200C

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 14 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J043
 Lab Sample ID : J043-02
 Lab File ID: PJ14-11
 Date Received: 10/14/94
 Date Extracted: 10/14/94
 Date Analyzed: 10-14-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.98	U
319-85-7	beta-BHC	1.98	U
319-86-8	delta-BHC	1.98	U
58-89-9	gamma-BHC (Lindane)	1.98	U
76-44-8	Heptachlor	1.98	U
309-00-2	Aldrin	1.98	U
1024-57-3	Heptachlor epoxide	1.98	U
959-98-8	Endosulfan I	1.98	U
60-57-1	Dieldrin	0.68	JP
72-55-9	4,4'-DDE	9.51	
72-20-8	Endrin	1.19	JP
72-213-65-9	Endosulfan II	3.84	U
72-54-8	4,4'-DDD	81.88	P
1031-07-8	Endosulfan sulfate	3.84	U
50-29-3	4,4'-DDT	273.14	P
72-43-5	Methoxychlor	19.80	U
53494-70-5	Endrin ketone	3.84	U
7421-36-3	Endrin aldehyde	3.84	U
5103-71-9	alpha-Chlordane	1.98	U
5103-74-2	gamma-Chlordane	1.98	U
8001-35-2	Toxaphene	197.67	U
12674-11-2	Aroclor-1016	38.37	U
11104-28-2	Aroclor-1221	77.91	U
11141-16-5	Aroclor-1232	38.37	U
53469-21-9	Aroclor-1242	38.37	U
12672-29-6	Aroclor-1248	38.37	U
11097-69-1	Aroclor-1254	38.37	U
11096-82-5	Aroclor-1260	38.37	U

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLJ-DSS200C

Lab Name: CKY Inc

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 94J043

Lab Sample ID : J043-02

Date(s) Analyzed: 10-14-1994 10-14-1994

Instrument ID (1): GC3

Instrument ID (2): GC3

GC Column(1): DB608 ID: 0.32 (mm)

GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Dieldrin	1	16.77	16.64	16.78	0.68	
	2	10.07	10.06	10.20	4.48	559.6
4,4'-DDE	1	16.45	16.43	16.57	9.94	
	2	9.75	9.77	9.91	9.51	4.5
Endrin	1	18.15	18.06	18.20	1.19	
	2	10.75	10.67	10.81	15.83	1230
4,4'-DDD	1	18.64	18.62	18.76	192.79	
	2	12.32	12.34	12.48	81.88	135.5
4,4'-DDT	1	19.76	19.77	19.91	355.91	
	2	12.83	12.88	13.02	273.14	30.3

558.8 MA

✓ MA

✓ MA

✓ MA

✓ MA

Output redirected to LPT1:

1043-02 Processed: 10-15-1994 00:07:55. Segment 11. Cycle 11

RAW DATA SAVED IN FILE E:\NPJ14-11.PTS Second Channel Stored in E:\NPJ14-11.PTS

EXTERNAL STANDARD TABLE

***** 10-15-1994 00:09:18 Version 5.2.0 *****
* Sample Name: 1043-02 Data File: E:\NPJ14-11
* Date: 10-14-1994 23:37:53 Method: CLP17 10-12-1994 12:28:01 Version: 2
* Interface: 12 Cycle#: 11 Operator: SC Channel: A Vial#: N/A
* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500

* Instrument Type: GC#3 Column Type: DB1701 DB608
* Solvent Description: HE
* Conditions: 170C/1min 270C/7min 40C/min 290C/4min 10C/min
* Detector 0: ECD Detector 1: ECD
* Misc. Information: LPT1: *

Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.002 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

Table with 12 columns: PEAK NUM, RET TIME, PEAK NAME, CONCENTRATION in %B, NORMALIZED CONC, AREA, HEIGHT, HEIGHT %L, REF PEAK, % DELTA, RET TIME, CONC/AREA. Contains 20 rows of peak data including TCX, alpha-BHC, gamma-BHC, Dieldrin, Endrin, etc.

TOTAL AMOUNT = 1903.4631

PEAKS NOT FOUND IN THIS RUN

Table with 3 columns: NAME, ADJUSTED RET.TIME., REFERENCE PEAK. Lists gamma-BHC, Endosulfan II, and Endrin ketone with their respective retention times and reference to TCX.

000021

***** EXTERNAL STANDARD TABLE *****

***** 10-15-1994 00:10:08 Version 5.2.0 *****
 * Sample Name: J043-02 Data File: E:\QJ14-11 *
 * Date: 10-14-1994 23:37:53 Method: DLP17 10-14-1994 03:51:55 Version: 3*
 * Interface: 12 Cycle#: 11 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1/01 DB608 *
 * Solvent Description: HE *
 * Conditions: 1700/1min 2700/7min @40/min 2900/4min @100/min *
 * Detector 0: FID Detector 1: ECD *
 * Misc. Information: IPI1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

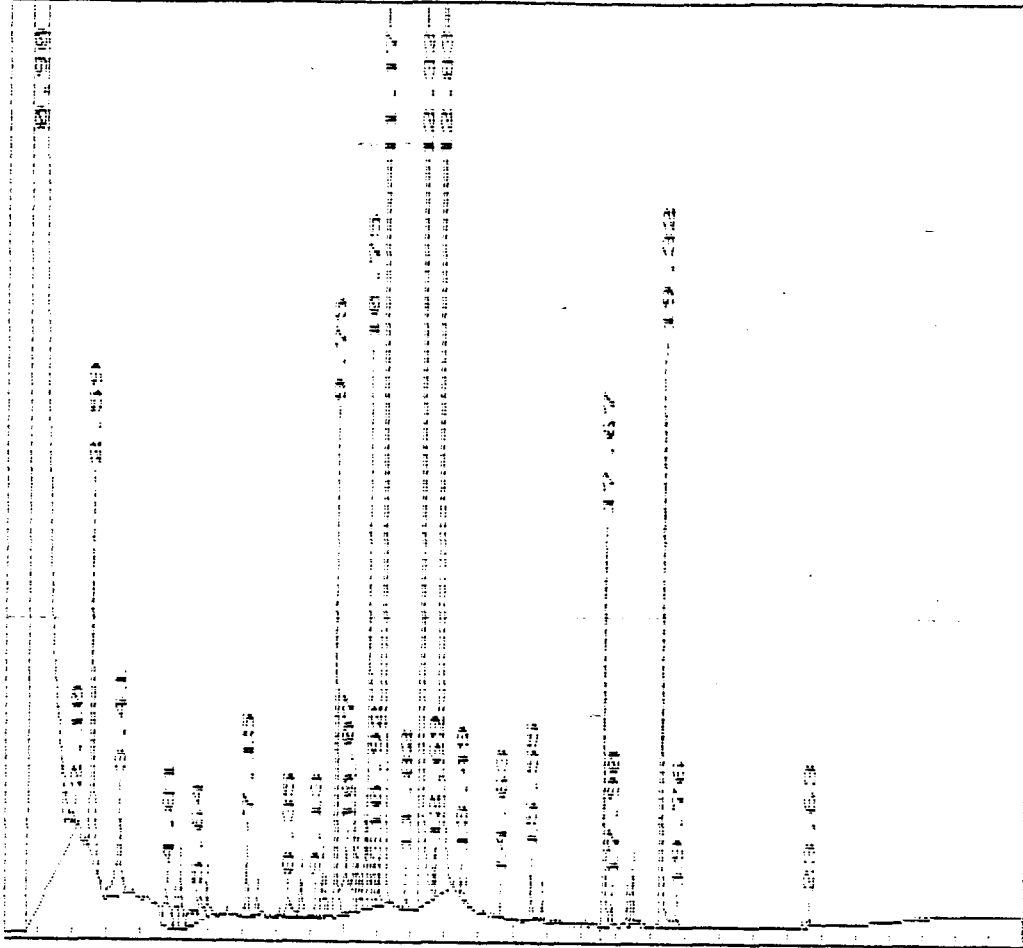
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA	
3	2.589	TCX	27.5738	1.9910%	456496	78723	5.8 1	0	.6493	6.0403E-05	
6	5.060	gamma-BHC	2.8628	0.2067%	49295	4577	10.8 2	0	.3311	5.8075E-05	
8	7.645	Heptachlor	4.6620	0.3366%	57258	3031	18.9 2	0	1.807	8.1421E-05	
11	7.148	beta-BHC	8.8371	0.6381%	83316	16169	5.2 1	0	-4.651	1.0607E-04	
14	8.751	Endosulfan I	5.3699	0.3877%	65449	8446	7.7 2	0	-2.056	8.2047E-05	
15	9.135	gamma-Chlorodane	0.9273	0.0670%	15040	3980	3.8 2	0	-1.7259	6.1450E-05	
17	9.469	alpha-Chlorodane	1.9483	0.0974%	21927	4866	4.5 2	0	.1766	6.1441E-05	
18	9.753	DDE	9.2	27.5200	1.9871%	388364	105152	3.7 3	0	-1.6802	7.0951E-05
19	10.070	Dieldrin	13.6323	0.9843%	161772	13953	11.6 4	0	-1.3305	8.4269E-05	
23	10.755	Endrin	52.3782	3.7820%	499741	115434	4.3 2	0	.3115	1.1911E-04	
28	12.325	DDD	252.9920	18.2676%	2153904	527669	4.1 3	0	0	1.1746E-04	
30	12.826	DDT	925.1300	66.8722%	6178179	956949	6.5 0V	0	-1.7751	1.4990E-04	
32	13.644	Endrin aldehyde	0.6824	0.0493%	5783	1943	3.0 1	0	-1.6082	1.1800E-04	
33	14.629	Endosulfan sulfate	0.9325	0.0673%	10767	3093	3.5 1	0	-1.351	8.6607E-05	
34	15.548	Methoxychlor	15.1187	1.0917%	41141	9780	4.2 1	0	2.083	3.6748E-04	
35	15.882	Endrin Ketone	1.5296	0.1104%	16408	4565	3.6 1	0	-1.6269	9.3219E-05	
40	19.322	OCB	42.4281	3.0636%	498879	121220	4.1 2	0	-1.5159	8.5047E-05	

TOTAL AMOUNT = 1384.9248

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
Aldrin	6.20	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan II	12.28	TCX

Areas, times, and heights stored in: E:\QJ14-11.AFB
Da File = E:\QJ14-11.PTS Printed on 10-15-1994 at 00:10:27
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000024

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS200CDL

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 14 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J043
 Lab Sample ID : J043-02L
 Lab File ID: PJ14-14
 Date Received: 10/14/94
 Date Extracted: 10/14/94
 Date Analyzed: 10-15-1994
 Dilution Factor: -100
 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
319-84-6	alpha-BHC	197.67		U
319-85-7	beta-BHC	197.67		U
319-86-8	delta-BHC	197.67		U
58-89-9	gamma-BHC (Lindane)	197.67		U
76-44-8	Heptachlor	197.67		U
309-00-2	Aldrin	197.67		U
1024-57-3	Heptachlor epoxide	197.67		U
959-98-8	Endosulfan I	197.67		U
60-57-1	Dieldrin	383.72		U
72-55-9	4,4'-DDE	17.22		J
7 20-8	Endrin	383.72		U
33213-65-9	Endosulfan II	383.72		U
72-54-8	4,4'-DDD	336.20		JP
1031-07-8	Endosulfan sulfate	383.72		U
50-29-3	4,4'-DDT	1421.61		
72-43-5	Methoxychlor	1976.74		U
53494-70-5	Endrin ketone	383.72		U
7421-36-3	Endrin aldehyde	383.72		U
5103-71-9	alpha-Chlordane	197.67		U
5103-74-2	gamma-Chlordane	197.67		U
8001-35-2	Toxaphene	19767.44		U
12674-11-2	Aroclor-1016	3837.21		U
11104-28-2	Aroclor-1221	7790.70		U
11141-16-5	Aroclor-1232	3837.21		U
53469-21-9	Aroclor-1242	3837.21		U
12672-29-6	Aroclor-1248	3837.21		U
11097-69-1	Aroclor-1254	3837.21		U
11096-82-5	Aroclor-1260	3837.21		U

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLJ-DSS200CDL

Lab Name: CKY Inc
Lab Code: Case No.:
Lab Sample ID : J043-02L
Instrument ID (1): GC3
GC Column(1): DB608 ID: 0.32 (mm)

Contract:
SAS No.: SDG No.: 94J043
Date(s) Analyzed: 10-15-1994 10-15-1994
Instrument ID (2): GC3
GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDE	1	16.48	16.43	16.57	20.46	18.8
	2	9.79	9.77	9.91	17.22	
4,4'-DDD	1	18.67	18.62	18.76	528.63	57.2
	2	12.34	12.34	12.48	336.20	
4,4'-DDT	1	19.82	19.77	19.91	1421.61	1.3
	2	12.88	12.88	13.02	1439.80	

✓ MA
✓ MA
✓ MA

Output redirected to LPT1:

J043-02L Processed: 10-15-1994 01:51:35, Segment 3, Cycle 14
RAW DATA SAVED IN FILE E:\PJ14-14.PTS Second Channel Stored in E:\QJ14-14.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-15-1994 01:52:58 Version 5.2.0 *****
* Sample Name: J043-02L 100x Data File: E:\PJ14-14 *
* Date: 10-15-1994 01:21:32 Method: CLP17 10-12-1994 12:28:01 Version: 2*
* Interface: 12 Cycle#: 14 Operator: SC Channel: A Vial#: N.A. *
* Starting Peak Width: 15 Threshold: 15 Area threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *
* Solvent Description: HE *
* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
* Detector 0: ECD Detector 1: ECD *
* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.002 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NO.	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.711	TCX	0.5618	0.9667%	5612	1413	4.7 1	0	.5882	8.4765E-05
3	16.493	DOE	19.7 0.5938	0.9161%	5684	1781	3.8 1	0	0	8.5838E-05
5	18.571	DOD	16.2540	25.0762%	107640	27429	3.9 1	0	0	1.5109E-04
6	19.823	DDT	- 46.6221	71.9275%	278473	71498	3.9 1	0	0	1.6747E-04
7	27.906	DOB	0.7865	1.2135%	6469	1428	4.5 1	0	-1.0548	1.2184E-04

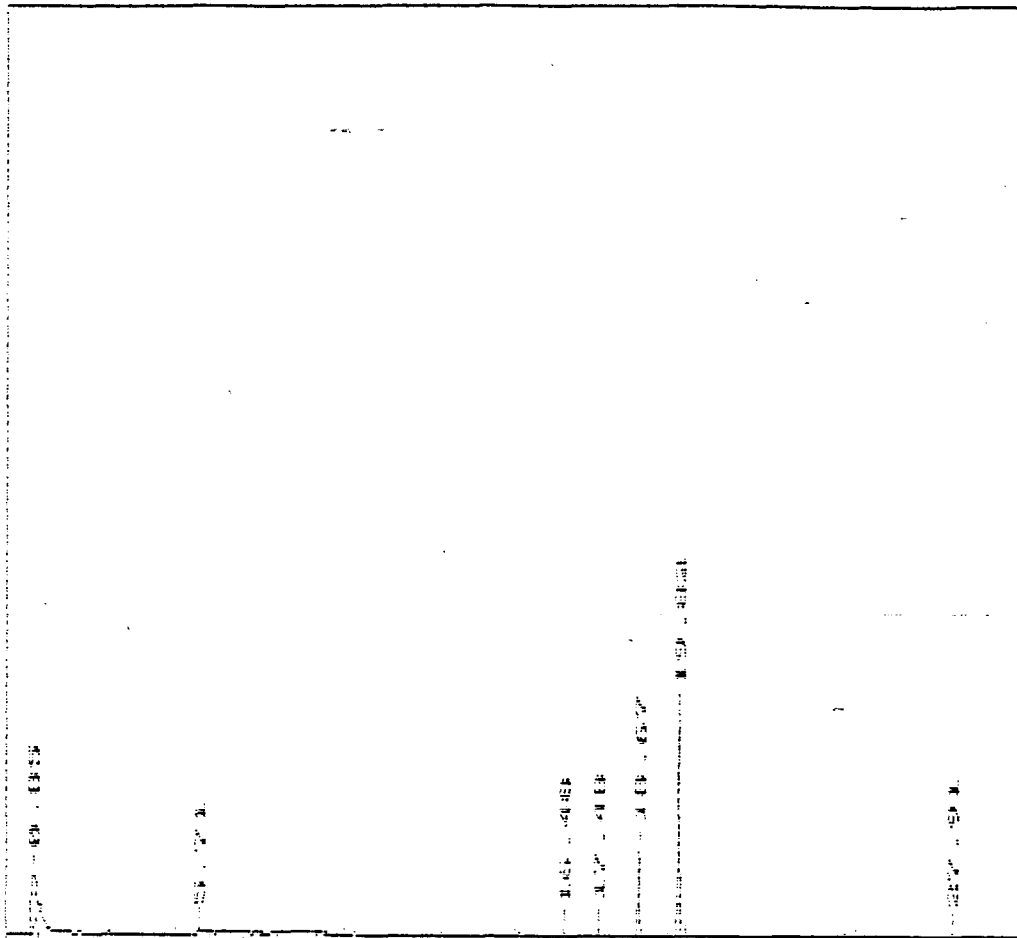
TOTAL AMOUNT = 64.8182

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
beta-BHC	9.79	TCX
Heptachlor	10.67	TCX
delta-BHC	11.17	TCX
Aldrin	11.92	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	15.23	TCX
alpha-Chlordane	15.41	TCX
Endosulfan I	15.50	TCX
Dieldrin	16.68	TCX
Endrin	18.08	TCX
Endosulfan II	18.84	TCX
Er in aldehyde	20.16	TCX
Endosulfan sulfate	20.62	TCX
Methoxychlor	23.28	TCX
Endrin Ketone	23.58	TCX

000027

Peaks, times, and heights stored in: E:\PJ14-14.ATB
Data File = E:\PJ14-14.PTS Printed on 10-15-1994 at 01:53:16
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



000028

***** EXTERNAL STANDARD TABLE *****

***** 10-15-1994 01:53:44 Version 5.2.0 *****
 * Sample Name: J043-02L 100X Data File: E:\QJ14-14 *
 * Date: 10-15-1994 01:21:32 Method: DLP17 10-14-1994 03:51:55 Version: 3*
 * Interface: 12 Cycle#: 14 Operator: SC Channel: 8 Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 1700/1min 2700/7min @4C/min 2900/4min @100/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

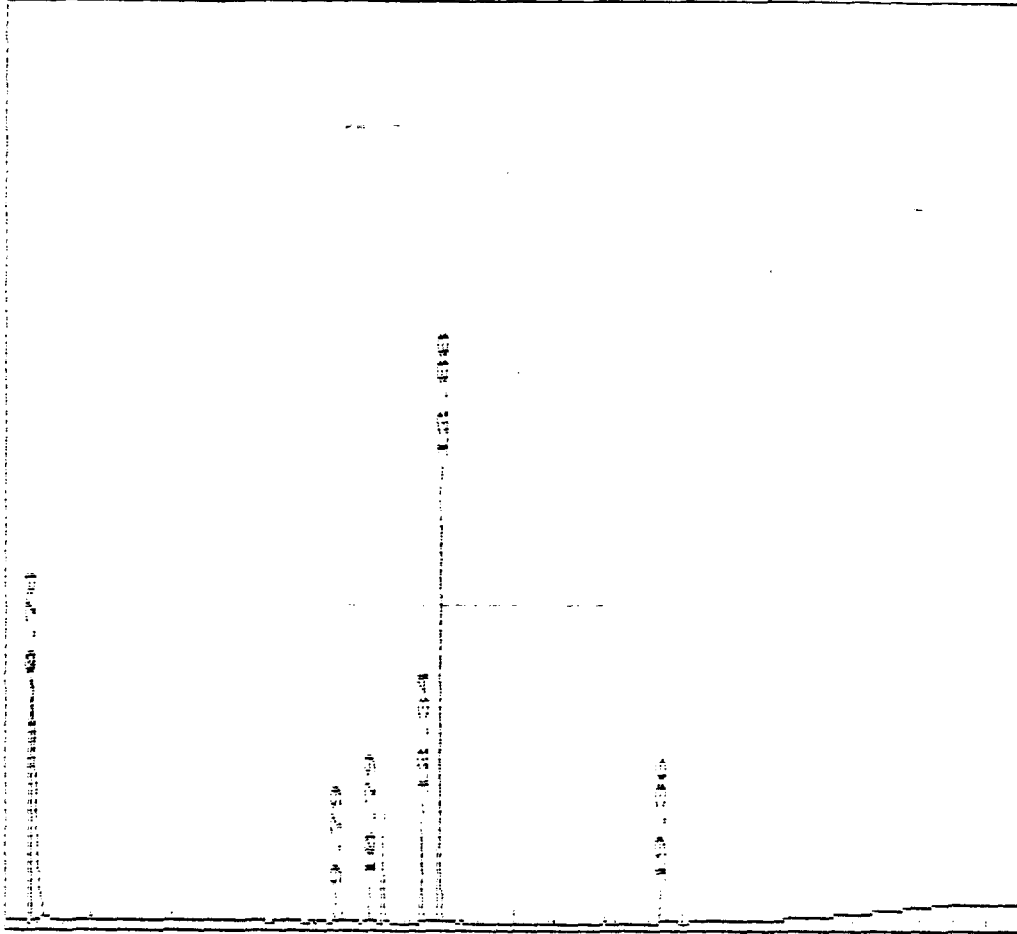
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET-TIME	CONC/AREA
3	9.786	DOE	0.4982	0.8031%	7031	1995	3.5 1	0	-3401	7.0861E-05
4	10.788	Endrin	1.4561	2.3470%	12224	3382	3.6 1	0	.6230	1.1911E-04
6	13.341	DOO	46% 10.3879	16.7440%	88440	21718	4.1 1	0	.1322	1.1746E-04
7	12.876	DOT	48.8185	78.5894%	325667	93956	3.5 1	0	-3875	1.4490E-04
8	19.355	OCB	0.8788	1.4166%	10334	2849	3.6 1	0	-3439	8.5047E-05

TOTAL AMOUNT = 52.0395

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
TCX	2.57	TCX
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
heptachlor	5.54	TCX
Aldrin	6.20	TCX
beta-BHC	7.18	TCX
delta-BHC	7.75	TCX
heptachlor epoxide	8.20	TCX
Endosulfan I	8.93	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
Dieldrin	10.10	TCX
Endosulfan II	12.28	TCX
Endrin aldehyde	13.73	TCX
Endosulfan sulfate	14.83	TCX
methoxychlor	15.23	TCX
Endrin Ketone	15.98	TCX

Arms, times, and heights stored in: E:\QJ14-14.AIB
Data File = E:\QJ14-14.PTS Printed on 10-15-1994 at 01:54:02
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000030

CALIBRATION

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CKY Inc
 Lab Code:
 Instrument ID: GC3
 GC Column: DB608

Case No.:
 Level (x low):
 ID:0.32 (mm)

Contract:
 SAS No.:
 Date(s) Analysed: 10-06-94 10-05-94

SDG No.: 94J043

COMPOUND	RT OF STANDARDS					MEAN RT	RT WINDOW	
	LOW	MID1	MID2	MID3	HIGH		FROM	TO
alpha-BHC	8.07	8.08	8.08	8.07	8.05	8.07	8.00	8.14
beta-BHC	9.80	9.80	9.80	9.82	9.79	9.80	9.73	9.87
delta-BHC	11.19	11.19	11.19	11.21	11.17	11.19	11.12	11.26
gamma-BHC (Lindane)	9.50	9.52	9.52	9.52	9.49	9.51	9.44	9.58
Heptachlor	10.69	10.70	10.70	10.70	10.69	10.70	10.63	10.77
Aldrin	11.94	11.94	11.94	11.96	11.92	11.94	11.87	12.01
Heptachlor epoxide	14.14	14.14	14.14	14.16	14.13	14.14	14.07	14.21
Endosulfan I	15.50	15.50	15.51	15.51	15.50	15.50	15.43	15.57
Dieldrin	16.70	16.72	16.72	16.72	16.70	16.71	16.64	16.78
4,4'-DDE	16.50	16.50	16.50	16.52	16.48	16.50	16.43	16.57
Endrin	18.12	18.14	18.14	18.14	18.12	18.13	18.06	18.20
Endosulfan II	18.85	18.85	18.85	18.87	18.84	18.85	18.78	18.92
4,4'-DDD	18.69	18.69	18.69	18.70	18.69	18.69	18.62	18.76
Endosulfan sulfate	20.64	20.64	20.64	20.66	20.62	20.64	20.57	20.71
4,4'-DDT	19.84	19.84	19.84	19.86	19.84	19.84	19.77	19.91
Methoxychlor	23.30	23.30	23.30	23.31	23.28	23.30	23.23	23.37
Endrin ketone	23.60	23.60	23.60	23.61	23.58	23.60	23.53	23.67
Endrin aldehyde	20.16	20.16	20.16	20.17	20.16	20.16	20.09	20.23
alpha-Chlordane	15.41	15.41	15.41	15.43	15.41	15.42	15.35	15.49
gamma-Chlordane	14.78	14.78	14.78	14.80	14.76	14.78	14.71	14.85
Tetrachloro-m-xylene	5.69	5.71	5.73	5.71	5.66	5.70	5.63	5.77
Decachlorobiphenyl	27.94	27.94	27.94	27.96	27.92	27.94	27.84	28.04

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CKY Inc
 Lab Code:
 Instrument ID: GC3
 GC Column: DB1701

Case No.:
 Level (x low):
 ID:0.32 (mm)

Contract:
 SAS No.:
 SDG No.: 94J043
 Date(s) Analysed: 10-06-94 10-05-94

COMPOUND	RT OF STANDARDS					MEAN RT	RT WINDOW	
	LOW	MID1	MID2	MID3	HIGH		FROM	TO
alpha-BHC	4.18	4.19	4.21	4.18	4.14	4.18	4.11	4.25
beta-BHC	7.20	7.20	7.21	7.23	7.18	7.20	7.13	7.27
delta-BHC	7.78	7.78	7.78	7.80	7.75	7.78	7.71	7.85
gamma-BHC (Lindane)	5.08	5.09	5.11	5.09	5.04	5.08	5.01	5.15
Heptachlor	5.56	5.58	5.58	5.56	5.53	5.56	5.49	5.63
Aldrin	6.21	6.21	6.23	6.25	6.20	6.22	6.15	6.29
Heptachlor epoxide	8.22	8.22	8.23	8.25	8.20	8.22	8.15	8.29
Endosulfan I	8.97	8.97	8.98	8.97	8.93	8.96	8.89	9.03
Dieldrin	10.12	10.14	10.14	10.14	10.10	10.13	10.06	10.20
4,4'-DDE	9.84	9.84	9.85	9.85	9.82	9.84	9.77	9.91
Endrin	10.74	10.75	10.75	10.75	10.72	10.74	10.67	10.81
Endosulfan II	12.37	12.37	12.37	12.39	12.36	12.37	12.30	12.44
4,4'-DDD	12.41	12.42	12.42	12.42	12.39	12.41	12.34	12.48
Endosulfan sulfate	14.85	14.85	14.85	14.86	14.83	14.85	14.78	14.92
4,4'-DDT	12.94	12.96	12.96	12.96	12.93	12.95	12.88	13.02
Methoxychlor	15.25	15.26	15.26	15.26	15.23	15.25	15.18	15.32
Endrin ketone	16.00	16.00	16.00	16.02	15.98	16.00	15.93	16.07
Endrin aldehyde	13.74	13.74	13.74	13.76	13.73	13.74	13.67	13.81
alpha-Chlordane	9.47	9.47	9.47	9.49	9.45	9.47	9.40	9.54
gamma-Chlordane	9.22	9.22	9.22	9.24	9.20	9.22	9.15	9.29
Tetrachloro-m-xylene	2.59	2.62	2.64	2.59	2.54	2.60	2.53	2.67
Decachlorobiphenyl	19.44	19.44	19.44	19.46	19.42	19.44	19.34	19.54

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CKY Inc
 Lab Code:
 Instrument ID: GC3
 GC Column: DB608

Case No.:
 Level (x low):
 ID:0.32 (mm)

Contract:
 SAS No.: SDG No.: 94J043
 1X 2X 4X 8X 16X
 Date(s) Analysed: 10-06-94 10-05-94

COMPOUND	CALIBRATION FACTORS						%RSD
	LOW	MID1	MID2	MID3	HIGH	MEAN	
alpha-BHC	6836	6738	6454	6023	5944	6399	6.3
beta-BHC	3957	3681	3267	2975	2726	3321	15.1
delta-BHC	7472	7397	6879	6548	6244	6908	7.7
gamma-BHC (Lindane)	6535	6375	6051	5538	5401	5980	8.4
Heptachlor	5712	5396	4986	4379	4171	4929	13.3
Aldrin	7319	7008	6406	6158	5747	6528	9.7
Heptachlor epoxide	6887	6441	5736	5226	4747	5807	15.0
Endosulfan I	5279	4982	4569	4100	3646	4515	14.6
Dieldrin	4901	4686	4357	3912	3466	4265	13.6
4,4'-DDE	5775	5575	5065	4775	4378	5114	11.2
Endrin	3657	3442	3194	2749	2322	3073	17.5
Endosulfan II	5308	4992	4402	3974	3594	4454	15.8
4,4'-DDD	3453	3359	3157	2917	2536	3084	12.0
Endosulfan sulfate	4415	4382	3892	3538	3317	3909	12.6
4,4'-DDT	3296	3236	3037	2750	2242	2912	14.8
Methoxychlor	1304	1218	1092	952	769	1067	20.0
Endrin ketone	4764	4543	4005	3664	3350	4065	14.5
Endrin aldehyde	3462	3268	2869	2616	2347	2913	15.7
alpha-Chlordane	7395	7008	6330	5857	5393	6397	12.8
gamma-Chlordane	7151	6793	6132	5720	5353	6230	11.9
Tetrachloro-m-xylene	5510	5192	4802	4300	3958	4752	13.3
Decachlorobiphenyl	4430	3976	3496	3089	2357	3470	23.1

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CKY Inc
 Lab Code:
 Instrument ID: GC3
 GC Column: DB1701

Case No.:
 Level (x low):
 ID:0.32 (mm)

Contract:
 SAS No.:
 Date(s) Analysed: 10-06-94 10-05-94

SDG No.: 94J043

COMPOUND	CALIBRATION FACTORS						%RSD
	LOW	MID1	MID2	MID3	HIGH	MEAN	
alpha-BHC	7701	7756	7745	7362	7443	7601	2.4
beta-BHC	4799	4715	4282	3970	3671	4287	11.2
delta-BHC	8142	8266	7918	7702	7510	7908	3.9
gamma-BHC (Lindane)	7536	7564	7395	6852	6852	7240	5.0
Heptachlor	6013	5874	5572	4949	4843	5450	9.8
Aldrin	8682	8557	7914	7532	7049	7947	8.7
Heptachlor epoxide	8409	8010	7262	6731	6216	7326	12.3
Endosulfan I	6376	6098	5689	5093	4745	5600	12.1
Dieldrin	6169	5941	5602	5016	4602	5466	11.9
4,4'-DDE	7011	6861	6329	5961	5499	6332	9.9
Endrin	4728	4527	4307	3723	3254	4108	14.8
Endosulfan II	6614	6290	5608	5098	4734	5669	13.9
4,4'-DDD	4342	4261	4078	3670	3280	3926	11.3
Endosulfan sulfate	6143	5820	5393	4891	4477	5345	12.6
4'-DDT	3821	3737	3507	3082	2492	3327	16.5
Methoxychlor	1615	1679	1546	1281	1022	1429	19.1
Endrin ketone	5864	5617	4960	4503	4169	5023	14.3
Endrin aldehyde	3913	3844	3905	3624	3290	3715	7.1
alpha-Chlordane	8703	8210	7423	6866	6322	7505	12.9
gamma-Chlordane	8579	8100	7357	6837	6341	7443	12.2
Tetrachloro-m-xylene	6979	6766	5700	5919	5542	6181	10.5
Decachlorobiphenyl	6310	5691	5070	4326	3333	4946	23.5

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CKY Inc Contract:
 Lab Code: Case No.: SAS No.: SDG No.:94J032
 GC Column: DB608 ID: 0.32 (mm) Init. Calib. Date(s):10-05-1994 10-05-1994
 EPA Sample No.(PIBLK): Date Analyzed :10-14-1994
 Lab Sample ID (PIBLK): Time Analyzed :18:01:45
 EPA Sample No.(PEM): PEM Date Analyzed :10-14-1994
 Lab Sample ID (PEM): WS46-01 Time Analyzed :18:35:24

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	8.05	8.00	8.14	0.020	0.025	20
beta-BHC	9.80	9.73	9.87	0.034	0.025	30
gamma-BHC (Lindane)	9.50	9.44	9.58	0.029	0.025	14
Endrin	18.10	18.06	18.20	0.141	0.125	12
4,4'-DDT	19.81	19.77	19.91	0.236	0.250	6
Methoxychlor	23.26	23.23	23.37	0.629	0.625	1

22
31
15
MA
MA
MA
MA

4,4'-DDT % breakdown (1): 13.2 Endrin % breakdown (1): 16.5
 Combine % breakdown (1): 29.8

QC LIMITS:

RPD of amount in PEM must be less than or equal to 25.0%
 4,4'-DDT breakdown must be less than or equal to 20.0%
 Endrin breakdown must be less than or equal to 20.0%
 Combined breakdown must be less than or equal to 30.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CKY Inc Contract:
 Lab Code: Case No.: SAS No.: SDG No.:94J032
 GC Column: DB1701 ID: 0.32 (mm) Init. Calib. Date(s):10-05-1994 10-05-1994
 EPA Sample No.(PIBLK): Date Analyzed :10-14-1994
 Lab Sample ID (PIBLK): Time Analyzed :18:01:45
 EPA Sample No.(PEM): PEM Date Analyzed :10-14-1994
 Lab Sample ID (PEM): WS46-01 Time Analyzed :18:35:24

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	4.16	4.11	4.25	0.027	0.025	8 ✓
beta-BHC	7.15	7.13	7.27	0.027	0.025	8 ✓
gamma-BHC (Lindane)	5.04	5.01	5.15	0.027	0.025	7 ✓
Endrin	10.67	10.67	10.81	0.140	0.125	11 ✓
4,4'-DDT	12.88	12.88	13.02	0.222	0.250	12 ✓
Methoxychlor	15.16	15.18	15.32	0.615	0.625	2 ✓

MA
MA
MA
MA
MA
MA

4,4'-DDT % breakdown (1): 10.2 Endrin % breakdown (1): 15.5
 Combine % breakdown (1): 25.7

QC LIMITS:

RPD of amount in PEM must be less than or equal to 25.0%
 4,4'-DDT breakdown must be less than or equal to 20.0%
 Endrin breakdown must be less than or equal to 20.0%
 Combined breakdown must be less than or equal to 30.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CKY Inc Contract:
 Lab Code: Case No.: SAS No.: SDG No.: 94J043
 GC Column: DB608 ID: 0.32 (mm) Init. Calib. Date(s): 10-05-1994 10-05-1994
 EPA Sample No. (PIBLK): Date Analyzed: 10-14-1994
 Lab Sample ID (PIBLK): Time Analyzed: 18:01:45
 EPA Sample No. (INDA): MIX A Date Analyzed: 10-14-1994
 Lab Sample ID (INDA): WS49-02 Time Analyzed: 19:08:59

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	8.07	8.00	8.14	0.045	0.050	10 ✓
gamma-BHC (Lindane)	9.50	9.44	9.58	0.046	0.050	8 ✓
Heptachlor	10.69	10.63	10.77	0.042	0.050	17 ✓
Endosulfan I	15.48	15.43	15.57	0.052	0.050	4 ✓
Dieldrin	16.68	16.64	16.78	0.095	0.100	5 ✓
Endrin	18.10	18.06	18.20	0.096	0.100	4 ✓
4,4'-DDD	18.65	18.62	18.76	0.103	0.100	3 ✓
4,4'-DDT	19.81	19.77	19.91	0.086	0.100	16 ✓
Methoxychlor	23.26	23.23	23.37	0.458	0.500	9 ✓
Tetrachloro-m-xylene	5.71	5.63	5.77	0.044	0.050	12 ✓
Decachlorobiphenyl	27.89	27.84	28.04	0.090	0.100	11 ✓

EPA Sample No. (INDB): MIX B

Date Analyzed: 10-14-1994

Lab Sample ID (INDB): WS49-02

Time Analyzed: 19:42:32

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	9.80	9.73	9.87	0.042	0.050	17 ✓
delta-BHC	11.17	11.12	11.26	0.043	0.050	16 ✓
Aldrin	11.92	11.87	12.01	0.042	0.050	18 ✓
Heptachlor epoxide	14.13	14.07	14.21	0.042	0.050	17 ✓
4,4'-DDE	16.48	16.43	16.57	0.085	0.100	16 ✓
Endosulfan II	18.84	18.78	18.92	0.089	0.100	12 ✓
Endosulfan sulfate	20.62	20.57	20.71	0.086	0.100	15 ✓
Endrin ketone	23.56	23.53	23.67	0.087	0.100	14 ✓
Endrin aldehyde	20.14	20.09	20.23	0.085	0.100	16 ✓
alpha-Chlordane	15.40	15.35	15.49	0.042	0.050	17 ✓
gamma-Chlordane	14.76	14.71	14.85	0.042	0.050	16 ✓

QC LIMITS: RPD of amounts in the Individual Mixes must be less than
or equal to 25.0%.

000037

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CKY Inc Contract:
 Lab Code: Case No.: SAS No.: SDG No.: 94J043
 GC Column: DB1701 ID: 0.32 (mm) Init. Calib. Date(s): 10-05-1994 10-05-1994
 EPA Sample No. (PIBLK): Date Analyzed: 10-14-1994
 Lab Sample ID (PIBLK): Time Analyzed: 18:01:45
 EPA Sample No. (INDA): MIX A Date Analyzed: 10-14-1994
 Lab Sample ID (INDA): WS49-02 Time Analyzed: 19:08:59

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	4.16	4.11	4.25	0.045	0.050	10
gamma-BHC (Lindane)	5.06	5.01	5.15	0.046	0.050	8
Heptachlor	5.53	5.49	5.63	0.042	0.050	17
Endosulfan I	8.90	8.89	9.03	0.050	0.050	0
Dieldrin	10.05	10.06	10.20	0.094	0.100	6
Endrin	10.67	10.67	10.81	0.094	0.100	6
4,4'-DDD	12.34	12.34	12.48	0.103	0.100	3
4,4'-DDT	12.88	12.88	13.02	0.084	0.100	17
Methoxychlor	15.18	15.18	15.32	0.421	0.500	17
Tetrachloro-m-xylene	2.61	2.53	2.67	0.049	0.050	12
Decachlorobiphenyl	19.36	19.34	19.54	0.093	0.100	8

MIX A
 M/A
 M/A
 M/A
 M/A
 M/A
 M/A
 M/A
 M/A
 M/A
 M/A
 M/A

EPA Sample No. (INDB): MIX B Date Analyzed: 10-14-1994
 Lab Sample ID (INDB): WS49-02 Time Analyzed: 19:42:32

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	7.15	7.13	7.27	0.042	0.050	17
delta-BHC	7.73	7.71	7.85	0.043	0.050	14
Aldrin	6.18	6.15	6.29	0.041	0.050	19
Heptachlor epoxide	8.17	8.15	8.29	0.042	0.050	18
4,4'-DDE	9.79	9.77	9.91	0.087	0.100	14
Endosulfan II	12.31	12.30	12.44	0.088	0.100	13
Endosulfan sulfate	14.76	14.78	14.92	0.087	0.100	13
Endrin ketone	15.92	15.93	16.07	0.093	0.100	7
Endrin aldehyde	13.66	13.67	13.81	0.093	0.100	7
alpha-Chlordane	9.40	9.40	9.54	0.042	0.050	17
gamma-Chlordane	9.15	9.15	9.29	0.043	0.050	16

MIX B
 M/A
 M/A
 M/A
 M/A
 M/A
 M/A
 M/A
 M/A
 M/A
 M/A
 M/A

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%.

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CKY Inc Contract:
 Lab Code: Case No.: SAS No.: SDG No.: 94J043
 GC Column: DB608 ID: 0.32 (mm) Init. Calib. Date(s): 10-05-1994 10-05-1994
 EPA Sample No. (PIBLK): Date Analyzed :
 Lab Sample ID (PIBLK): Time Analyzed :
 EPA Sample No. (INDA): MIX A Date Analyzed : 10-15-1994
 Lab Sample ID (INDA): WS49-02 Time Analyzed : 01:55:07

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	8.07	8.00	8.14	0.042	0.050	17 ✓
gamma-BHC (Lindane)	9.50	9.44	9.58	0.043	0.050	15 ✓
Heptachlor	10.69	10.63	10.77	0.039	0.050	25 ✓
Endosulfan I	15.48	15.43	15.57	0.050	0.050	0 ✓
Dieldrin	16.68	16.64	16.78	0.089	0.100	12 ✓
Endrin	18.10	18.06	18.20	0.089	0.100	11 ✓
4,4'-DDD	18.65	18.62	18.76	0.095	0.100	5 ✓
4,4'-DDT	19.82	19.77	19.91	0.087	0.100	14 ✓
Methoxychlor	23.26	23.23	23.37	0.430	0.500	15 ✓
Tetrachloro-m-xylene	5.71	5.63	5.77	0.042	0.050	18 ✓
Decachlorobiphenyl	27.89	27.84	28.04	0.087	0.100	14 ✓

EPA Sample No. (INDB): MIX B Date Analyzed : 10-15-1994

Lab Sample ID (INDB): WS49-02 Time Analyzed : 02:28:40

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	9.80	9.73	9.87	0.040	0.050	22 ✓
delta-BHC	11.17	11.12	11.26	0.040	0.050	21 ✓
Aldrin	11.92	11.87	12.01	0.041	0.050	19 ✓
Heptachlor epoxide	14.13	14.07	14.21	0.040	0.050	22 ✓
4,4'-DDE	16.48	16.43	16.57	0.082	0.100	20 ✓
Endosulfan II	18.84	18.78	18.92	0.085	0.100	16 ✓
Endosulfan sulfate	20.61	20.57	20.71	0.082	0.100	20 ✓
Endrin ketone	23.56	23.53	23.67	0.084	0.100	18 ✓
Endrin aldehyde	20.14	20.09	20.23	0.081	0.100	21 ✓
alpha-Chlordane	15.40	15.35	15.49	0.042	0.050	18 ✓
gamma-Chlordane	14.76	14.71	14.85	0.041	0.050	21 ✓

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%.

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CKY Inc Contract:
 Lab Code: Case No.: SAS No.: SDG No.: 94J043
 GC Column: DB1701 ID: 0.32 (mm) Init. Calib. Date(s): 10-05-1994 10-05-1994
 EPA Sample No. (PIBLK): Date Analyzed :
 Lab Sample ID (PIBLK): Time Analyzed :
 EPA Sample No. (INDA): MIX A Date Analyzed : 10-15-1994
 Lab Sample ID (INDA): WS49-02 Time Analyzed : 01:55:07

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	4.16	4.11	4.25	0.042	0.050	18 ✓
gamma-BHC (Lindane)	5.06	5.01	5.15	0.043	0.050	15 ✓
Heptachlor	5.53	5.49	5.63	0.043	0.050	15 ✓
Endosulfan I	8.90	8.89	9.03	0.048	0.050	8 ✓
Dieldrin	10.05	10.06	10.20	0.088	0.100	13 ✓
Endrin	10.67	10.67	10.81	0.088	0.100	13 ✓
4,4'-DDD	12.34	12.34	12.48	0.096	0.100	4 ✓
4,4'-DDT	12.88	12.88	13.02	0.085	0.100	16 ✓
Methoxychlor	15.16	15.18	15.32	0.416	0.500	18 ✓
Tetrachloro-m-xylene	2.61	2.53	2.67	0.046	0.050	8 ✓
Decachlorobiphenyl	19.36	19.34	19.54	0.087	0.100	13 ✓

17
15
15
8
13
13
4
16
18
8
13

EPA Sample No. (INDB): MIX B Date Analyzed : 10-15-1994
 Lab Sample ID (INDB): WS49-02 Time Analyzed : 02:28:40

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	7.15	7.13	7.27	0.049	0.050	2 ✓
delta-BHC	7.72	7.71	7.85	0.044	0.050	13 ✓
Aldrin	6.18	6.15	6.29	0.044	0.050	13 ✓
Heptachlor epoxide	8.17	8.15	8.29	0.041	0.050	19 ✓
4,4'-DDE	9.77	9.77	9.91	0.084	0.100	18 ✓
Endosulfan II	12.31	12.30	12.44	0.087	0.100	14 ✓
Endosulfan sulfate	14.76	14.78	14.92	0.086	0.100	16 ✓
Endrin ketone	15.92	15.93	16.07	0.089	0.100	11 ✓
Endrin aldehyde	13.66	13.67	13.81	0.093	0.100	8 ✓
alpha-Chlordane	9.40	9.40	9.54	0.043	0.050	15 ✓
gamma-Chlordane	9.15	9.15	9.29	0.044	0.050	14 ✓

20
15
12
7
13

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%.

***** EXTERNAL STANDARD TABLE *****

***** 11-07-1994 16:53:38 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX A 16X Data File: E:\PJ05-3 *
 * Date: 10-05-1994 18:59:27 Method: CLP17 10-12-1994 12:29:01 Version: 2 *
 * Interface: 12 Cycle#: 3 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @40/min 290C/4min @100/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

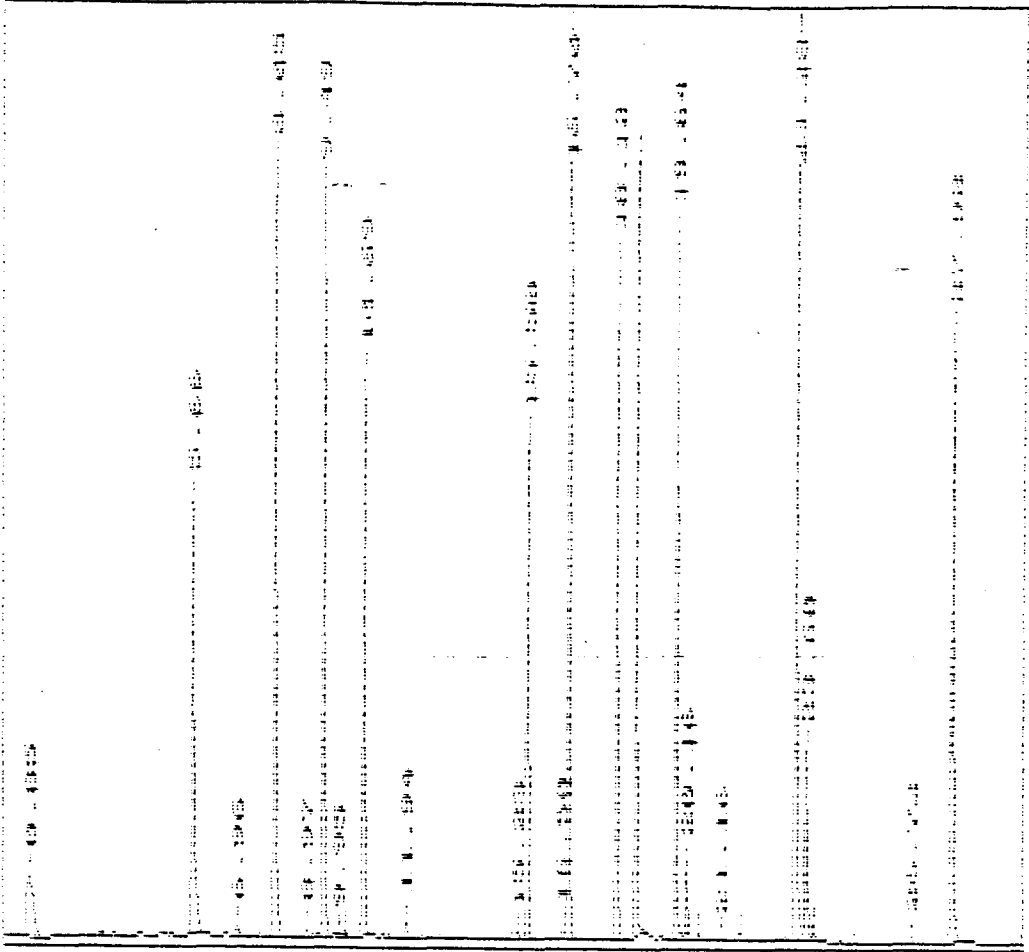
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION In PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.561	TCX	57.2555	3.5094%	791673	139352	5.7 1	0	-1.2941	8.4965E-05
4	8.049	alpha-BHC	79.3237	4.1385%	1188730	248833	4.8 1	0	0	6.5730E-05
6	9.486	gamma-BHC	78.9639	4.1137%	1080288	238747	4.5 1	0	1.763	7.3096E-05
7	9.953	Beta-BHC	0.6926	0.0361%	4871	1109	4.4 2	0	1.706	1.4219E-04
9	10.538	Heptachlor	78.1973	4.0797%	834255	180182	4.6 1	0	1.554	9.3733E-05
10	11.941	Aldrin	2.2532	0.1176%	33093	5933	5.6 1	0	1.400	5.8091E-05
11	15.230	gamma-Chlordane	1.0385	0.0542%	14025	2445	5.7 1	0	0	7.4049E-05
12	15.499	Endosulfan I	76.9585	4.0099%	729187	151267	4.8 1	0	0	1.0540E-04
13	500	ODE	0.8632	0.0450%	9716	2671	3.6 1	0	1.013	8.8838E-05
14	16.750	Dialdrin	133.6224	8.9148%	1386502	320144	4.3 1	0	1.001	1.1080E-04
15	18.113	Endrin	151.0273	7.8794%	928951	217899	4.3 1	0	1.2184	1.6238E-04
16	18.667	DDT	135.1316	7.9918%	1014427	250688	4.0 1	0	0	1.5100E-04
17	19.840	DDT	150.1175	7.8320%	896648	225448	4.0 2	0	0	1.6742E-04
18	20.157	Endrin aldehyde	17.4181	0.9087%	106085	25225	4.2 2	0	0	1.6419E-04
19	20.491	Endosulfan sulfate	1.0561	0.0551%	8980	2173	4.1 1	0	-1.6477	1.1730E-04
22	23.250	Methoxychlor	759.4830	39.5240%	1538986	346650	4.4 2	0	0	4.9350E-04
23	23.597	Endrin Ketone	30.7283	1.6031%	265591	61216	4.3 2	0	0	1.1559E-04
25	27.922	OCS	114.6362	5.9608%	942819	195815	4.8 1	0	0	1.2159E-04

TOTAL AMOUNT = 1916.7252

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
delta-BHC	11.17	TCX
Heptachlor epoxide	14.13	TCX
alpha-Chlordane	15.41	TCX
Endosulfan II	18.84	TCX

Data File = P:\P05-3.P15 Printed on 11-08-1994 at 15:52:11
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0.00
Full Range: 500 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 11-07-1994 18:57:24 Version 5.2.0 *****
 * Sample Name: MS39-01/ MIX A 16X Data File: E:\XQU05-3 *
 * Date: 10-05-1994 18:59:37 Method: DLP17 10-14-1994 03:51:55 Version: 3 *
 * Interface: 12 Cycle#: 3 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *
 * Instrument Type: GC#3 Column Type: DB1701 DB609 *
 * Solvent Description: HE *
 * Conditions: 1700/min 2700/min @40/min 2900/min @110/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: *

Starting time: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.012 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION IN PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
3	1.538	TCX	88.9688	3.50521	1108494	179093	6.2 1	0	-1.298	8.0403E-05
5	4.142	alpha-BHC	79.3634	4.16737	1468591	278634	5.3 1	0	0	8.3718E-05
6	6.040	gamma-BHC	79.5833	4.16745	1070364	259463	4.1 1	0	0	8.9076E-05
7	6.526	heptachlor	76.6861	4.12797	968841	210039	4.6 1	0	-1.6012	8.1421E-05
8	6.196	delta-BHC	1.8967	0.09980	34152	4650	7.3 1	0	0	8.6336E-05
9	8.934	Endosulfan I	77.8637	4.07745	949019	220012	4.3 1	0	0	8.2047E-05
10	9.836	OCF	0.7699	0.04005	10985	2097	4.7 1	0	1.000	7.0861E-05
11	10.103	Dieldrin	155.1120	6.12257	1640562	461046	4.0 1	0	0	8.4259E-05
12	10.721	Endrin	155.0155	6.11745	1301432	354928	3.7 1	0	0	1.1911E-04
14	12.391	OCB	154.1192	6.07057	1312129	334696	3.9 3	0	1.5387	1.1746E-04
16	12.926	OCF	149.3938	7.82307	996530	262362	3.8 2	0	0	1.4990E-04
18	13.727	Endrin aldehyde	14.4396	0.75517	122370	22921	5.4 1	0	0	1.1800E-04
19	14.830	Endosulfan sulfate	2.4592	0.12887	26395	2277	12.5 1	0	0	8.3637E-05
20	15.230	methoxychlor	751.0756	39.33837	2943831	501170	4.1 2	0	0	8.6746E-04
22	15.999	Endrin ketone	25.7471	1.36534	303383	68724	4.4 1	0	1.044	7.8219E-05
24	19.422	OCF	113.2996	5.93837	1333378	217912	4.2 1	0	0	8.5647E-05

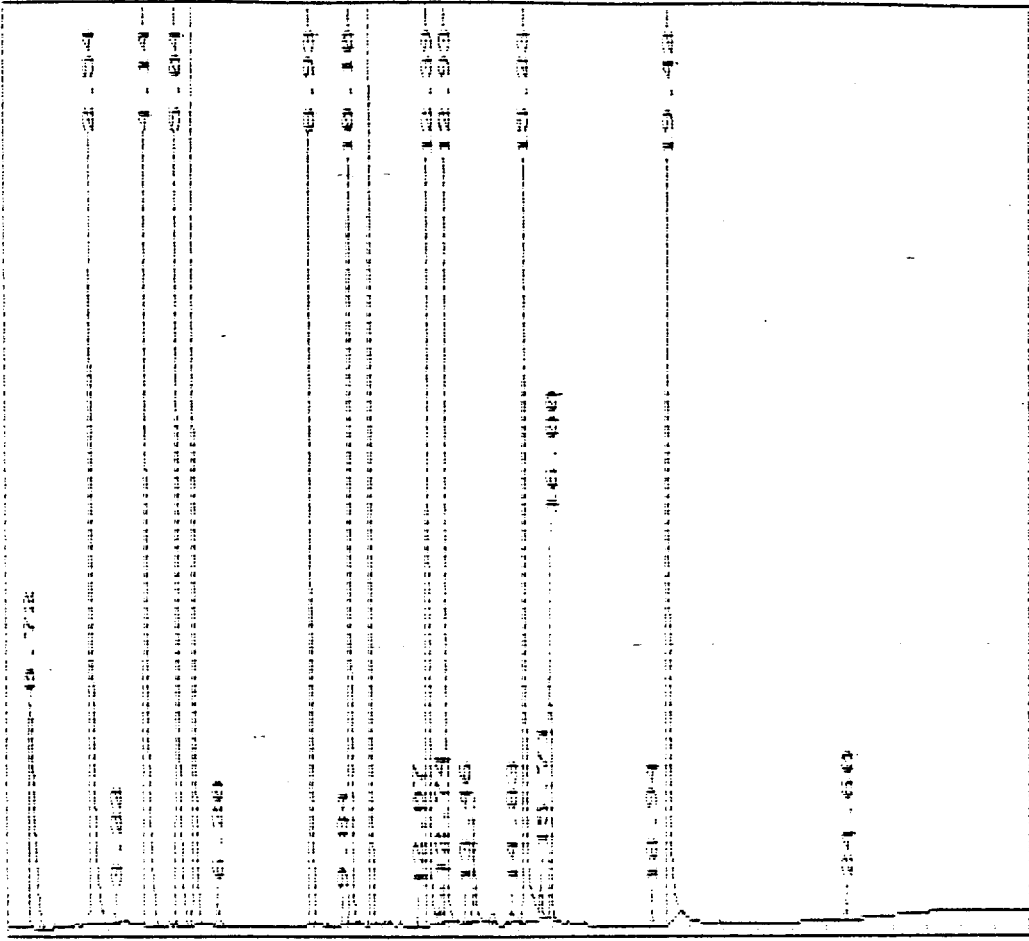
TOTAL AMOUNT = 1909.6633

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
beta-BHC	7.18	TCX
delta-BHC	7.76	TCX
Heptachlor epoxide	8.20	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlordane	9.45	TCX
Endosulfan II	12.26	TCX

000043

Data File = E:\QJ05-3.PTS Printed on 11-08-1994 at 15:59:03
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:00:01 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX 8 16X Data File: F:\PJ05-4 *
 * Date: 10-05-1994 19:33:17 Method: F:\NCLP17 11-08-1994 15:11:31 Version: 3 *
 * Interface: 12 Cycle#: 4 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT 8L	REF PEAK	% DELTA RET TIME	CONC/AREA
4	5.678	TCX	77.1781	5.1781%	908338	173055	5.2 2	0	0	8.4966E-05
7	7.049	alpha-BHC	0.5623	0.0377%	8427	1302	6.5 2	0	0	6.6730E-05
10	7.469	gamma-BHC	0.6119	0.0411%	8372	1502	5.6 1	0	0	7.3095E-05
11	9.786	beta-BHC	77.5283	5.2016%	545250	130682	4.2 2	0	0	1.4219E-04
13	10.671	Heptachlor	1.6542	0.1110%	17648	3305	5.3 1	0	0	4.3733E-05
14	11.172	delta-BHC	78.6894	5.2795%	1248861	319087	3.9 1	0	0	6.3009E-05
16	11.924	Aldrin	78.2658	5.2511%	1149433	251520	4.6 2	0	0	6.8091E-05
19	14.128	Heptachlor epoxide	77.3535	5.1899%	949399	219577	4.3 1	0	0	8.1476E-05
20	14.763	gamma-Chlordane	79.2711	5.3185%	1070529	253530	4.2 1	0	0	7.4049E-05
21	15.414	alpha-Chlordane	77.7506	5.2155%	1078503	238860	4.5 1	0	0	7.2091E-05
23	16.483	DDE	155.5561	10.4367%	1751050	441957	4.0 3	0	0	8.8636E-05
24	16.683	Dieldrin	2.4227	0.1625%	21866	3537	6.2 4	0	0	1.1080E-04
26	18.119	Endrin	1.1538	0.0774%	7097	1744	4.1 1	0	2184	1.6258E-04
27	18.671	DDD	1.0401	0.0698%	6888	1979	3.5 1	0	0	1.5100E-04
29	19.838	Endosulfan II	154.3808	10.3579%	1437407	333512	4.3 1	0	0	1.0740E-04
30	19.840	DDT	1.1384	0.0764%	6800	1837	3.7 1	0	0	1.6742E-04
31	20.157	Endrin aldehyde	154.1454	10.3421%	938821	211301	4.4 2	0	0	1.5419E-04
32	20.625	Endosulfan sulfata	156.0469	10.4697%	1326912	293868	4.5 3	0	0	1.1760E-04
37	23.290	Methoxychlor	7.9597	0.5340%	16129	4549	3.5 1	0	0	4.9350E-04
38	23.580	Endrin Ketone	155.0109	10.4001%	1339877	310567	4.3 1	0	0	1.1569E-04
41	27.922	DCB	152.7485	10.2464%	1256272	265035	4.7 1	0	0	1.2159E-04

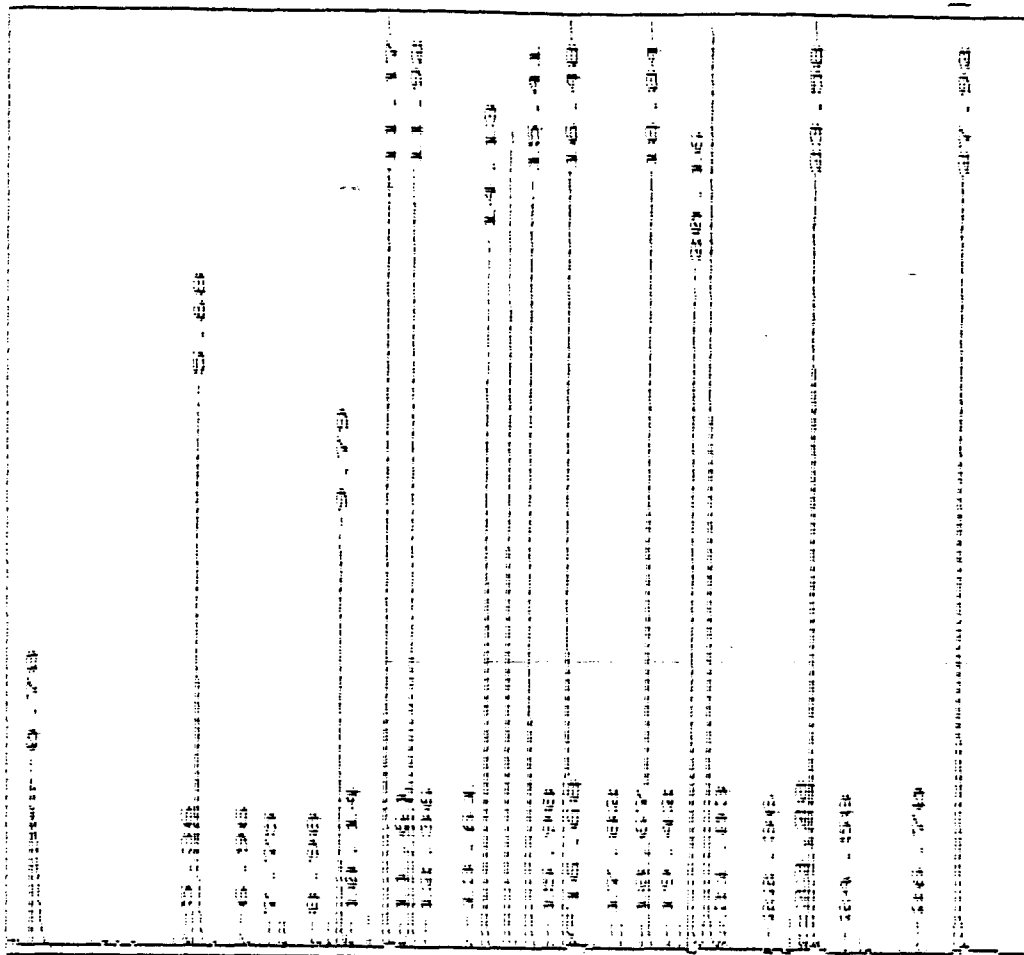
TOTAL AMOUNT = 1490.4686

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
Endosulfan I	15.50	TCX

000045

Data File = E:\PJ05-4.PTS Printed on 11-08-1994 at 16:00:17
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:01:17 Version 5.2.0 *****

* Sample Name: WS39-01/ MIX B 16X Data File: E:\QJ05-4 *

* Date: 10-05-1994 19:33:17 Method: F:\DLPI7 11-07-1994 17:17:44 Version: *

* Interface: 12 Cycle#: 4 Operator: SC Channel: B Vial#: N.A. *

* Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *

* Solvent Description: HE *

* Conditions: 170C/1min 270C/7min #4C/min 290C/4min #10C/min *

* Detector 0: ECD Detector 1: ECD *

* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.002 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	2.572	TCX	78.2040	4.9942%	1294698	225935	5.7 1	0	-1.153	6.0403E-05
5	5.44	Heptachlor	0.8774	0.0560%	10776	2830	3.8 1	0	0	8.1421E-05
6	6.195	Aldrin	78.2906	4.9997%	1409715	315602	4.5 1	0	0	5.5536E-05
7	7.181	beta-BHC	77.8695	4.9729%	734158	182858	4.0 1	0	0	1.0607E-04
8	7.749	delta-BHC	79.3053	5.0645%	1502030	416317	3.5 1	0	0	5.2799E-05
9	8.200	Heptachlor epoxide	77.8334	4.9705%	1243254	322594	3.9 1	0	0	6.2605E-05
10	8.934	Endosulfan I	3.8430	0.2454%	46639	11189	4.2 1	0	0	8.2047E-05
11	9.202	gamma-Chlordane	77.9360	4.9771%	1268289	335980	3.8 2	0	0	6.1450E-05
12	9.452	alpha-Chlorogane	77.7527	4.9654%	1264453	331053	3.8 2	0	0	6.1491E-05
13	9.820	DDE	155.8553	9.9531%	2199440	605576	3.6 3	0	0	7.0861E-05
14	10.103	Dieldrin	1.4966	0.0956%	17759	4290	4.1 4	0	0	8.4269E-05
15	10.721	Endrin	1.6389	0.1047%	13759	3580	3.8 1	0	0	1.1911E-04
17	12.358	DDD	222.4407	14.2054%	1893799	522971	3.6 1	0	2677	1.1746E-04
18	12.926	DDT	1.9784	0.1263%	13198	2375	5.6 1	0	0	1.4990E-04
20	13.727	Endrin aldehyde	155.2882	9.9169%	1315012	213559	6.2 2	0	0	1.1800E-04
22	14.830	Endosulfan sulfate	155.1101	9.9055%	1790972	448157	4.0 2	0	0	8.5607E-05
23	15.230	Methoxychlor	12.5800	0.8034%	34233	8282	4.1 2	0	0	3.6748E-04
24	15.982	Endrin Ketone	155.4581	9.9278%	1667671	467177	3.6 1	0	0	9.3219E-05
28	19.422	DDD	152.1335	9.7155%	1788821	444430	4.0 1	0	0	8.5047E-05

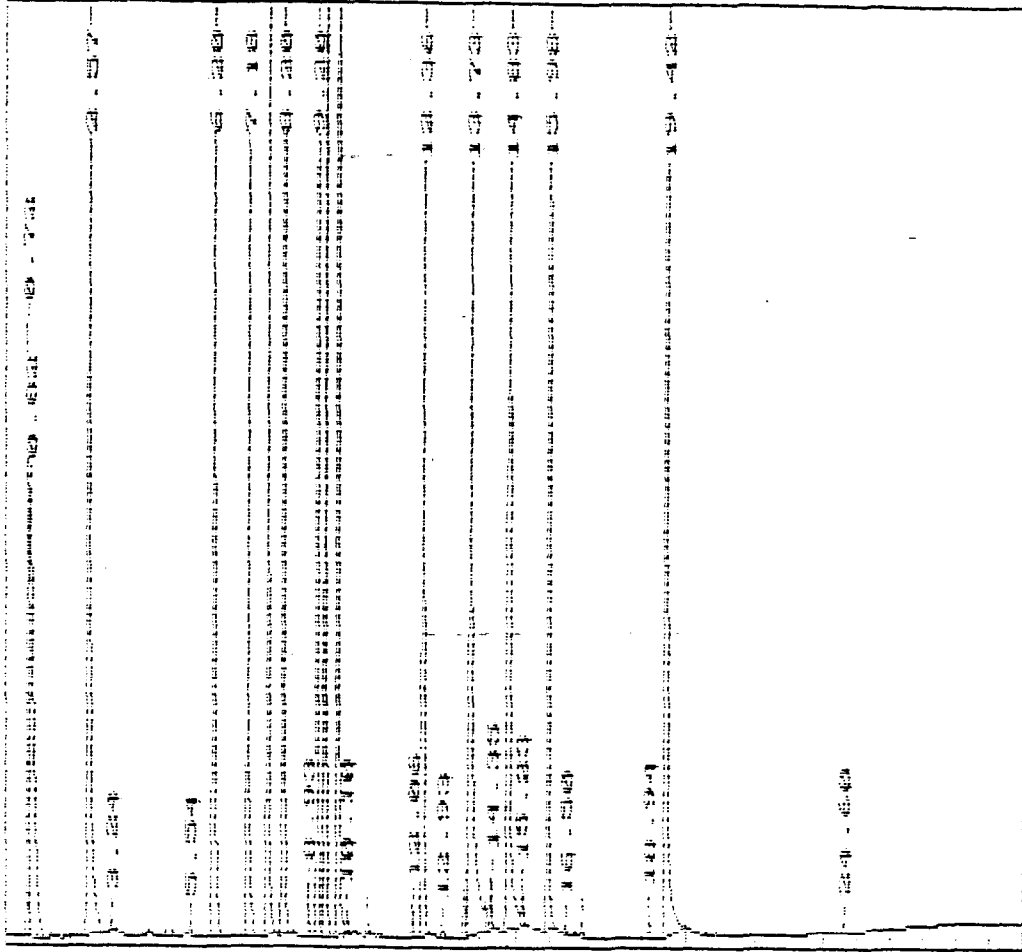
TOTAL AMOUNT = 1565.8916

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
End sulfan II	12.28	TCX

000047

Def File = E:\QJ05-4.PRS Printed on 11-08-1994 at 16:01:33
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000048

***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:02:31 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX A 8X Data File: E:\PJ05-5 *
 * Date: 10-05-1994 20:06:56 Method: F:\NCLP17 11-08-1994 15:11:31 Version: 3 *

* Interface: 12 Cycle#: 5 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT 8L	REF PEAK	% DELTA RET TIME	CONC/AREA
3	5.711	TCX	36.5388	3.2378%	430038	84331	5.1 1	0	.5882	8.4966E-05
5	6.066	alpha-BHC	40.1883	3.5612%	602255	139640	4.3 1	0	.2074	6.6730E-05
7	9.519	gamma-BHC	40.4810	3.5871%	553812	138721	4.0 1	0	.5291	7.3095E-05
9	10.705	Heptachlor	41.0484	3.6374%	437929	100940	4.3 1	0	.3129	9.3733E-05
10	11.957	Aldrin	1.2942	0.1147%	19007	3834	5.0 1	0	.2801	6.8091E-05
12	15.514	Endosulfan I	43.2174	3.8296%	410020	98620	4.2 2	0	.1077	1.0540E-04
13	16.516	ODE	0.5126	0.0454%	5771	1521	3.5 1	0	.2025	8.3836E-05
14	16.717	Dieldrin	86.6794	7.6809%	782316	186947	4.2 1	0	.2001	1.1080E-04
15	18.136	Endrin	89.3772	7.9200%	549748	129544	4.2 1	0	.3108	1.6258E-04
16	18.704	DDD	88.0817	7.8052%	583310	155212	3.8 1	0	.1788	1.5100E-04
17	19.956	DDT	92.0954	8.1608%	550084	145105	3.8 2	0	0	1.6742E-04
18	20.174	Endrin aldehyde	9.9750	0.8839%	60752	14184	4.3 2	0	0	1.6419E-04
19	20.524	Endosulfan sulfate	0.6276	0.0556%	5337	1075	5.0 1	0	-1.4858	1.1760E-04
21	23.313	Methoxychlor	469.5698	41.6099%	951517	229216	4.2 2	0	.1434	4.9350E-04
22	23.614	Endrin Ketone	13.7071	1.2146%	118481	28042	4.2 2	0	.1416	1.1569E-04
25	27.956	DCB	75.1106	6.6558%	617743	127976	4.8 1	0	.1196	1.2159E-04

TOTAL AMOUNT = 1128.5045

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
beta-BHC	9.79	TCX
delta-BHC	11.17	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	14.75	TCX
alpha-Chlordane	15.41	TCX
Endosulfan II	18.84	TCX

000049

***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:03:44 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX A 8X Data File: E:\QJ05-5 *
 * Date: 10-05-1994 20:06:56 Method: F:\DLP17 11-07-1994 17:17:49 Version: 4 *

* Interface: 12 Cycle#: 5 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min 4C/min 290C/4min 10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CUNC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
3	2.589	TCX	35.7554	3.2048%	591945	110921	5.3 1	0	-5.111	5.0403E-05
4	3.175	alpha-BHC	39.5473	3.5447%	736209	163701	4.5 1	0	.8064	5.3718E-05
5	5.093	gamma-BHC	39.7919	3.5666%	585187	167602	4.1 1	0	.9933	5.8075E-05
6	5.561	Heptachlor	40.2934	3.6116%	494875	121936	4.1 1	0	.3011	8.1421E-05
7	6.229	Aldrin	1.1163	0.1001%	20101	3668	5.5 1	0	.5390	5.5536E-05
8	8.968	Endosulfan I	41.7832	3.7451%	509261	136448	3.7 1	0	.3738	8.2047E-05
9	10.137	Dieldrin	84.5403	7.5775%	1003221	287736	3.5 1	0	.3305	8.4259E-05
10	10.755	Endrin	88.6959	7.9500%	744646	222460	3.3 1	0	.3115	1.1911E-04
11	12.425	DDE	86.2092	7.7271%	733951	211892	3.5 1	0	.8097	1.1746E-04
12	12.959	DDT	92.3867	8.2808%	616308	182692	3.4 1	0	.2584	1.4990E-04
13	13.761	Endrin aldehyde	7.9959	0.7167%	67762	13321	5.1 1	0	.2433	1.1800E-04
14	14.696	Endosulfan sulfate	0.5594	0.0501%	6459	1601	4.0 1	0	-.9009	8.5607E-05
15	15.264	Methoxychlor	470.8210	42.2097%	1281291	347322	3.7 2	0	.2193	3.6748E-04
17	16.015	Endrin ketone	12.5871	1.1282%	135028	37264	3.6 1	0	.2089	9.3219E-05
19	19.455	DCE	73.5884	6.5959%	865269	220071	3.9 1	0	.1719	8.5047E-05

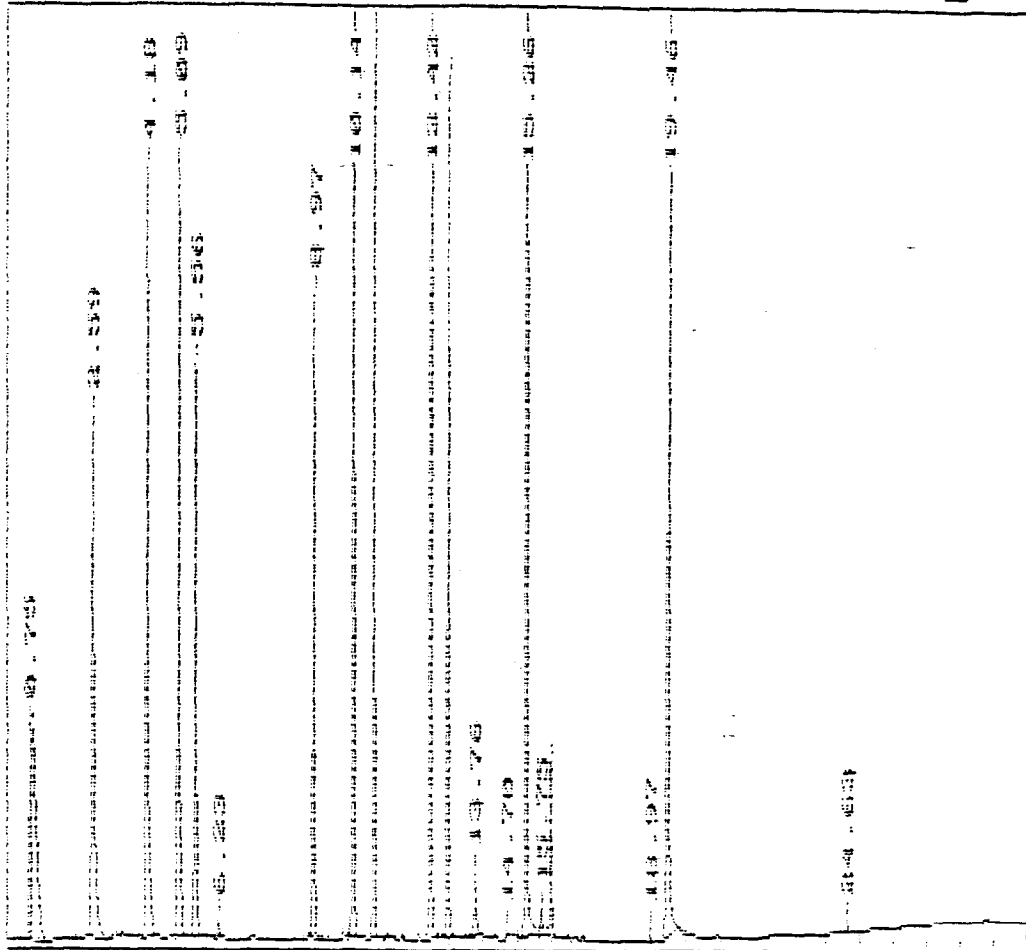
TOTAL AMOUNT = 1115.6713

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME.	REFERENCE PEAK
beta-BHC	7.18	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
DDE	9.82	TCX
Endosulfan II	12.28	TCX

000051

Data File = E:\QJ05-5.PTS Printed on 11-08-1994 at 16:04:02
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000052

***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:04:56 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX B 16X Data File: E:\PJ05-6 *
 * Date: 10-05-1994 20:40:32 Method: F:\CLP17 11-08-1994 15:11:31 Version: 3 *

* Interface: 12 Cycle#: 6 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

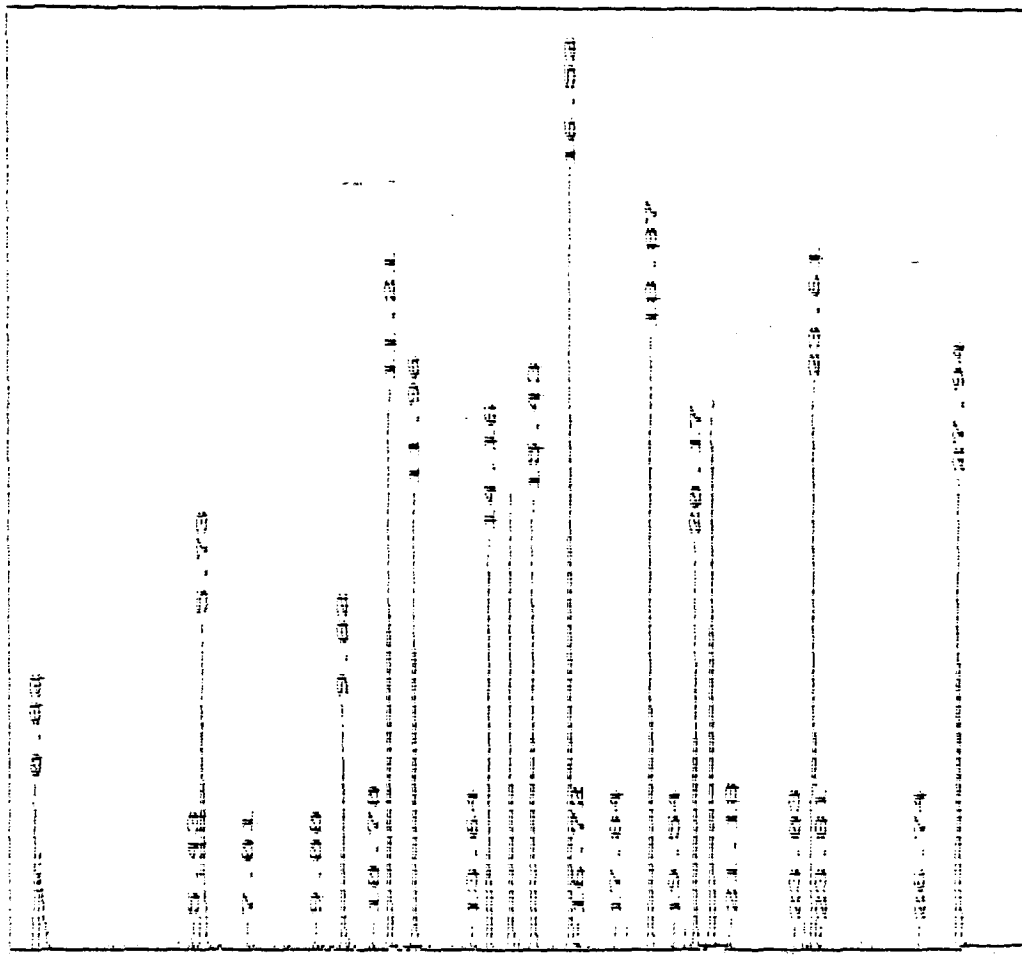
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT 8L	REF PEAK	% DELTA RET TIME	CONC/AREA
4	5.728	TCX	42.9243	5.2701%	505192	97596	5.2 1	0	.8823	8.4966E-05
7	8.820	beta-BHC	42.3049	5.1941%	297527	71358	4.2 1	0	.3412	1.4219E-04
8	10.795	Heptachlor	1.1096	0.1362%	11838	1732	6.8 1	0	.3129	9.3733E-05
9	11.206	delta-BHC	41.2611	5.0659%	654846	170577	3.8 1	0	.2989	6.3009E-05
10	11.957	Aldrin	41.9274	5.1477%	615757	138551	4.4 1	0	.2801	6.8091E-05
12	14.162	Heptachlor epoxide	42.5771	5.2275%	522570	124342	4.2 1	0	.2364	8.1476E-05
13	14.796	gamma-Chlordane	42.3575	5.2006%	572024	138480	4.1 1	0	.3104	7.4049E-05
14	15.431	alpha-Chlordane	42.2247	5.1842%	585711	136335	4.3 1	0	.1083	7.2091E-05
15	16.516	DDE	84.8468	10.4173%	955096	249399	3.8 3	0	.2026	8.8836E-05
16	16.717	Dieldrin	1.4608	0.1794%	13184	1863	7.1 4	0	.2001	1.1080E-04
18	18.136	Endrin	0.7024	0.0862%	4321	1004	4.3 1	0	.3108	1.6258E-04
19	18.871	Endosulfan II	85.3634	10.4807%	794800	188134	4.2 1	0	.1773	1.0740E-04
21	19.356	DDT	0.4976	0.0611%	2972	938	3.2 1	0	0	1.6742E-04
22	20.174	Endrin aldehyde	85.9192	10.5489%	523290	123291	4.2 2	0	0	1.6419E-04
23	20.658	Endosulfan sulfate	83.2043	10.2156%	707510	168039	4.2 2	0	.1619	1.1760E-04
26	23.313	Methoxychlor	4.0711	0.4998%	8249	2223	3.7 1	0	.1434	4.9350E-04
27	23.614	Endrin Ketone	84.7665	10.4074%	732701	174218	4.2 3	0	.1416	1.1569E-04
30	27.939	DCB	86.9624	10.6770%	715218	143809	5.0 1	0	0	1.2159E-04

TOTAL AMOUNT = 814.4814

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
Endosulfan I	15.50	TCX
DDC	18.67	TCX

Data File = E:\PJ05-6.PTS Printed on 11-08-1994 at 16:05:13
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:06:10 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX B 16X Data File: E:\QJ05-6 *
 * Date: 10-05-1994 20:40:32 Method: F:\DLP17 11-07-1994 17:17:49 Version: 4

* Interface: 12 Cycle#: 6 Operator: SC Channel: 8 Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

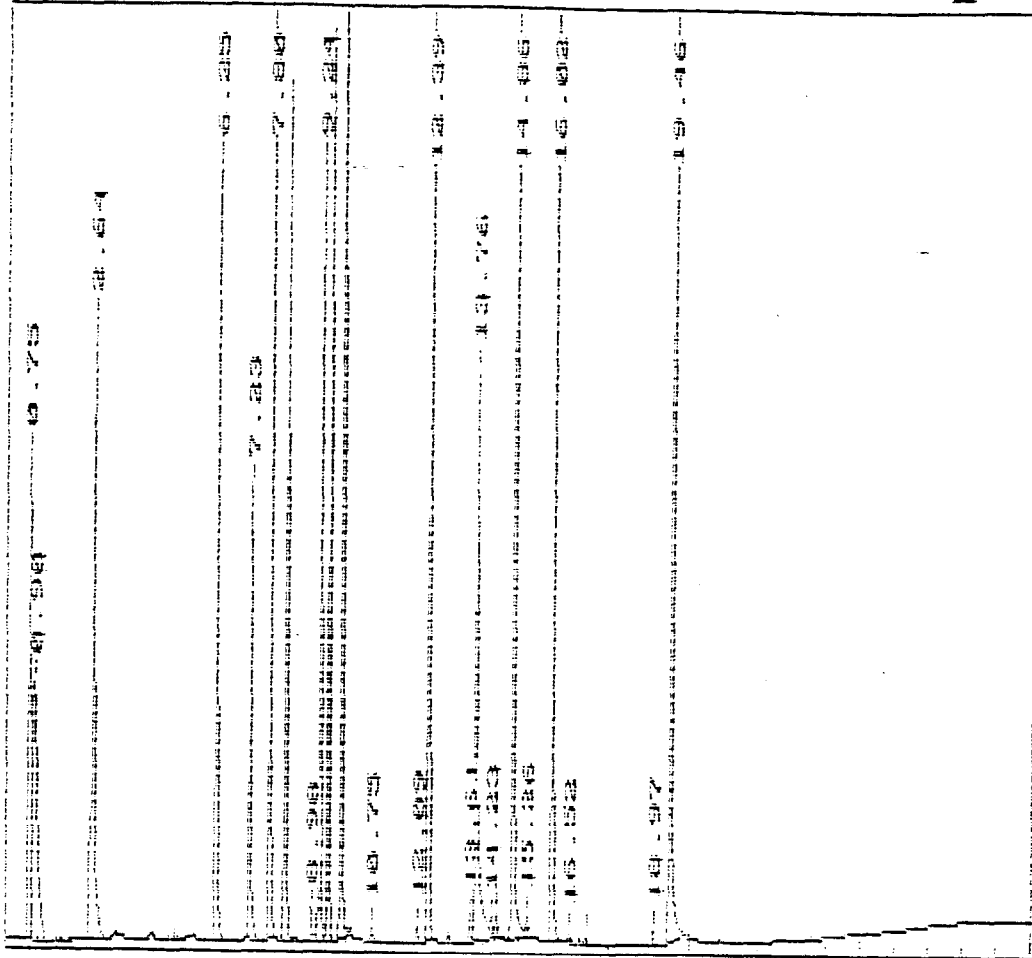
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	Δ DELTA RET TIME	CONC/AREA
3	2.639	TCX	42.9131	5.0425%	710444	131406	5.4	1	0	1.414	6.0403E-05
4	4.46	Aldrin	41.8323	4.9155%	753239	184530	4.1	1	0	.8086	5.5536E-05
5	7.231	beta-BHC	42.1120	4.9483%	397034	96541	4.1	1	0	.6976	1.0607E-04
6	7.799	delta-BHC	40.6637	4.7782%	770164	220583	3.5	1	0	.6465	5.2799E-05
7	8.250	Heptachlor epoxide	42.1361	4.9512%	673051	178537	3.8	1	0	.6109	6.2605E-05
8	8.985	Endosulfan I	2.2628	0.2659%	27580	6764	4.1	1	0	.5607	8.2047E-05
9	9.235	gamma-Chlorodane	42.0155	4.9370%	683737	197112	3.7	2	0	.3629	6.1450E-05
10	9.486	alpha-Chlorodane	42.2170	4.9607%	686554	189333	3.6	2	0	.3533	6.1491E-05
11	9.853	DOE	84.4873	9.9276%	1192290	326205	3.7	1	0	.3401	7.0861E-05
12	10.755	Endrin	1.7997	0.2115%	15110	2767	5.5	1	0	.3115	1.1911E-04
14	12.391	DDD	119.7662	14.0730%	1019657	288973	3.5	1	0	.5387	1.1746E-04
16	13.761	Endrin aldehyde	85.5183	10.0488%	724737	121550	6.0	3	0	.2433	1.1800E-04
19	14.863	Endosulfan sulfate	84.7130	9.9541%	978135	251295	3.9	2	0	.2252	8.6607E-05
20	15.264	Methoxychlor	6.6244	0.7784%	18026	4403	4.1	2	0	.2193	3.6748E-04
21	16.015	Endrin Ketone	83.9612	9.8658%	900691	254115	3.5	1	0	.2089	9.3219E-05
25	19.455	DCB	88.0111	10.3417%	1034855	259490	4.0	1	0	.1719	8.5047E-05

TOTAL AMOUNT = 851.0338

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Dieldrin	10.10	TCX
Endosulfan II	12.28	TCX
DDT	12.93	TCX

Data File = E:\QJ05-6.PTS Printed on 11-08-1994 at 16:06:28
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000056

***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:07:22 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX A 4X Data File: E:\PJ05-7 *
 * Date: 10-05-1994 21:14:09 Method: F:\CLP17 11-08-1994 15:11:31 Version: 3 *

* Interface: 12 Cycle#: 7 -- Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CUNC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CUNC/AREA
3	5.728	TCX	20.3991	3.2089%	240085	49265	4.9 1	0	.8823	8.4966E-05
4	7.083	alpha-BHC	21.5329	3.3873%	322689	77946	4.1 1	0	.4149	6.6730E-05
6	8.519	gamma-BHC	22.1148	3.4788%	302548	76068	4.0 1	0	.5291	7.3095E-05
7	10.705	Heptachlor	23.3690	3.6761%	249315	56795	4.4 1	0	.3129	9.3733E-05
8	11.957	Aldrin	0.6055	0.0953%	9893	1846	4.8 1	0	.2801	6.8091E-05
9	15.514	Endosulfan I	24.0789	3.7878%	228446	53424	4.3 1	0	.1077	1.0540E-04
10	16.717	Dieldrin	48.2766	7.5942%	435715	105450	4.1 1	0	.2001	1.1080E-04
11	18.136	Endrin	51.9307	8.1690%	319420	77439	4.1 1	0	.3108	1.6258E-04
12	18.687	DDD	47.6703	7.4988%	315691	83812	3.8 1	0	0	1.5100E-04
13	19.840	DDT	50.8454	7.9983%	303699	74898	4.1 2	0	0	1.6742E-04
14	20.174	Endrin aldehyde	5.1155	0.8047%	31156	7297	4.3 2	0	0	1.6419E-04
15	20.541	Endosulfan sulfate	0.6145	0.0967%	5225	1090	4.8 1	0	-.4048	1.1760E-04
16	23.296	Methoxychlor	269.4392	42.3844%	545981	132862	4.1 2	0	0	4.9350E-04
17	23.614	Endrin Ketone	7.1984	1.1323%	62221	14123	4.4 2	0	.1416	1.1569E-04
19	27.939	DCB	42.5127	6.6875%	349643	72497	4.8 1	0	0	1.2159E-04

TOTAL AMOUNT = 635.7036

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
beta-BHC	9.79	TCX
delta-BHC	11.17	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	14.75	TCX
alpha-Chlordane	15.41	TCX
DDE	16.48	TCX
Endosulfan II	18.84	TCX

000057

***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:08:35 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX A 4X Data File: E:\QJ05-7 *
 * Date: 10-05-1994 21:14:09 Method: F:\DLP17 11-07-1994 17:17:49 Version: 4 *
 * Interface: 12 Cycle#: 7 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

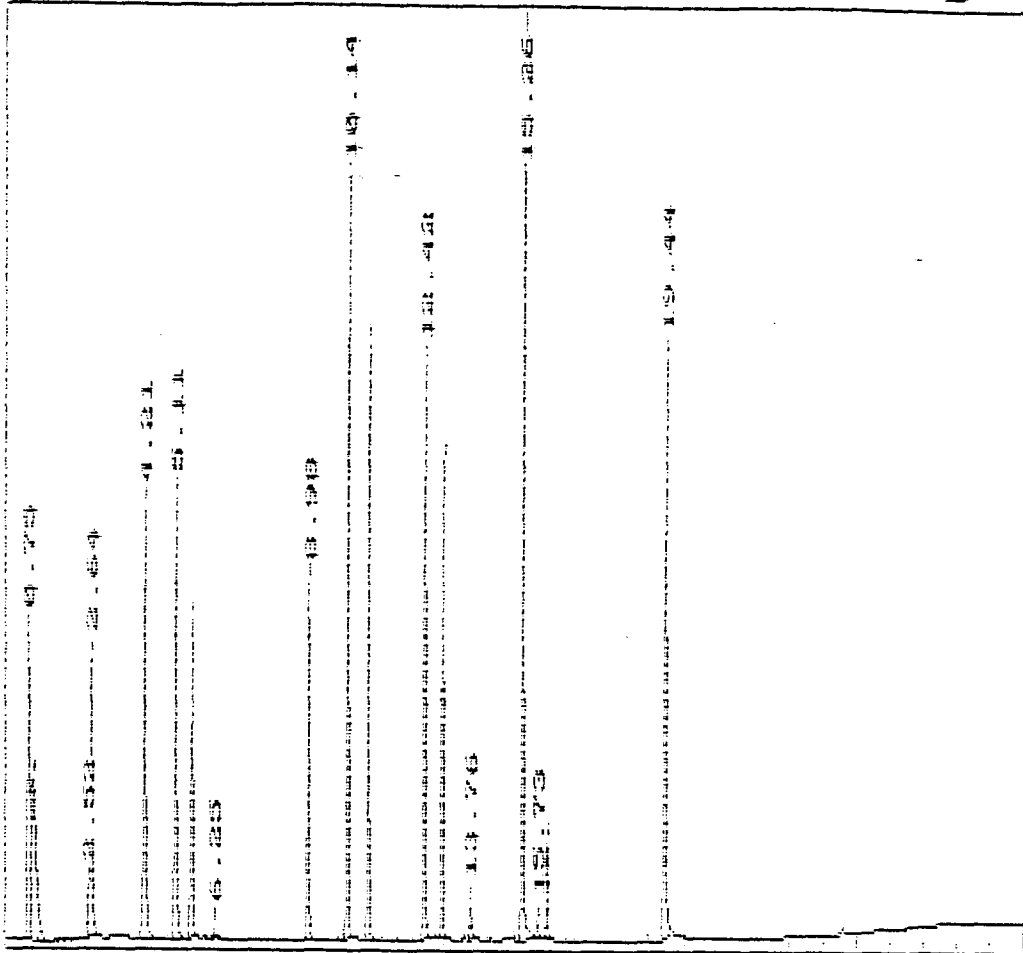
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
4	2.639	TCX	17.2137	2.5789%	284990	59395	4.8 2	0	1.414	6.0403E-05
5	3.208	alpha-BHC	20.8011	3.2371%	387231	91272	4.2 1	0	1.612	5.3718E-05
6	4.110	gamma-BHC	21.4741	3.3418%	369757	93750	3.9 1	0	1.324	5.8075E-05
7	5.578	Heptachlor	22.6829	3.5299%	278586	67242	4.1 1	0	.6024	8.1421E-05
8	6.246	Aldrin	0.4904	0.0763%	8830	1854	4.8 1	0	.8086	5.5536E-05
9	8.985	Endosulfan I	23.3396	3.5321%	284468	75143	3.8 1	0	.5607	8.2047E-05
10	10.137	Dieldrin	47.2067	7.3463%	560192	161995	3.5 1	0	.3305	8.4264E-05
11	10.755	Endrin	51.2958	7.9826%	430654	125578	3.4 1	0	.3115	1.1911E-04
12	12.425	DDE	47.9037	7.4548%	407839	122118	3.3 1	0	.8097	1.1746E-04
13	12.959	DDT	52.5683	8.1807%	350681	101342	3.5 1	0	.2584	1.4990E-04
14	13.751	Endrin aldehyde	3.8932	0.6059%	32994	5701	4.9 1	0	.2433	1.1800E-04
15	15.264	Methoxychlor	283.9947	44.1952%	772808	210618	3.7 2	0	.2193	3.6748E-04
17	16.015	Endrin ketone	6.6058	1.0280%	70863	20732	3.4 1	0	.2089	9.3219E-05
18	19.439	DCB	43.1216	6.7106%	507034	123338	4.1 1	0	.0859	8.5047E-05

TOTAL AMOUNT = 642.5915

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
beta-BHC	7.18	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
DDE	9.82	TCX
Endosulfan II	12.28	TCX
Endosulfan sulfate	14.83	TCX

Data File = E:\QJ05-7.PTS Printed on 11-08-1994 at 16:08:53
St. : time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:15:04 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX B 4X Data File: E:\PJ05-8 *
 * Date: 10-05-1994 21:47:45 Method: F:\NCLP17 11-08-1994 15:11:31 Version: 3 *
 * Interface: 12 Cycle#: 8 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
4	7.711	TCX	23.4902	5.3076%	276465	55288	5.0 1	0	.5882	8.4966E-05
5	9.803	beta-BHC	23.2255	5.2478%	163343	39342	4.1 1	0	.1786	1.4214E-04
6	11.189	delta-BHC	21.6733	4.8970%	343972	94070	3.7 1	0	.1494	4.3009E-05
7	11.941	Aldrin	21.8046	4.9278%	320301	75321	4.3 1	0	.1300	5.8043E-05
8	14.145	Heptachlor epoxide	23.3684	5.2801%	286418	68495	4.2 1	0	.1181	8.1476E-05
9	14.779	gamma-Chlordane	22.7030	5.1247%	306546	74623	4.1 1	0	.1972	7.4049E-05
10	15.414	alpha-Chlordane	23.8163	5.1553%	316492	72502	4.4 1	0	0	7.2091E-05
11	16.500	DDE	44.9945	10.1664%	506484	135487	3.7 1	0	.1013	8.8836E-05
12	18.884	Endosulfan I	47.2822	10.6833%	449235	105404	4.2 1	0	0	1.0740E-04
13	20.157	Endrin aldehyde	47.1139	10.6453%	286947	69498	4.1 1	0	0	1.5419E-04
14	20.641	Endosulfan sulfate	45.7756	10.3429%	389243	93154	4.2 1	0	0	1.1760E-04
17	23.296	Methoxychlor	2.8767	0.6500%	5829	1324	4.4 2	0	0	4.4350E-04
18	23.597	Endrin ketone	46.3381	10.4700%	400535	95353	4.2 1	0	0	1.1564E-04
19	27.939	DCB	49.1127	11.0969%	403924	82724	4.9 1	0	0	1.2159E-04

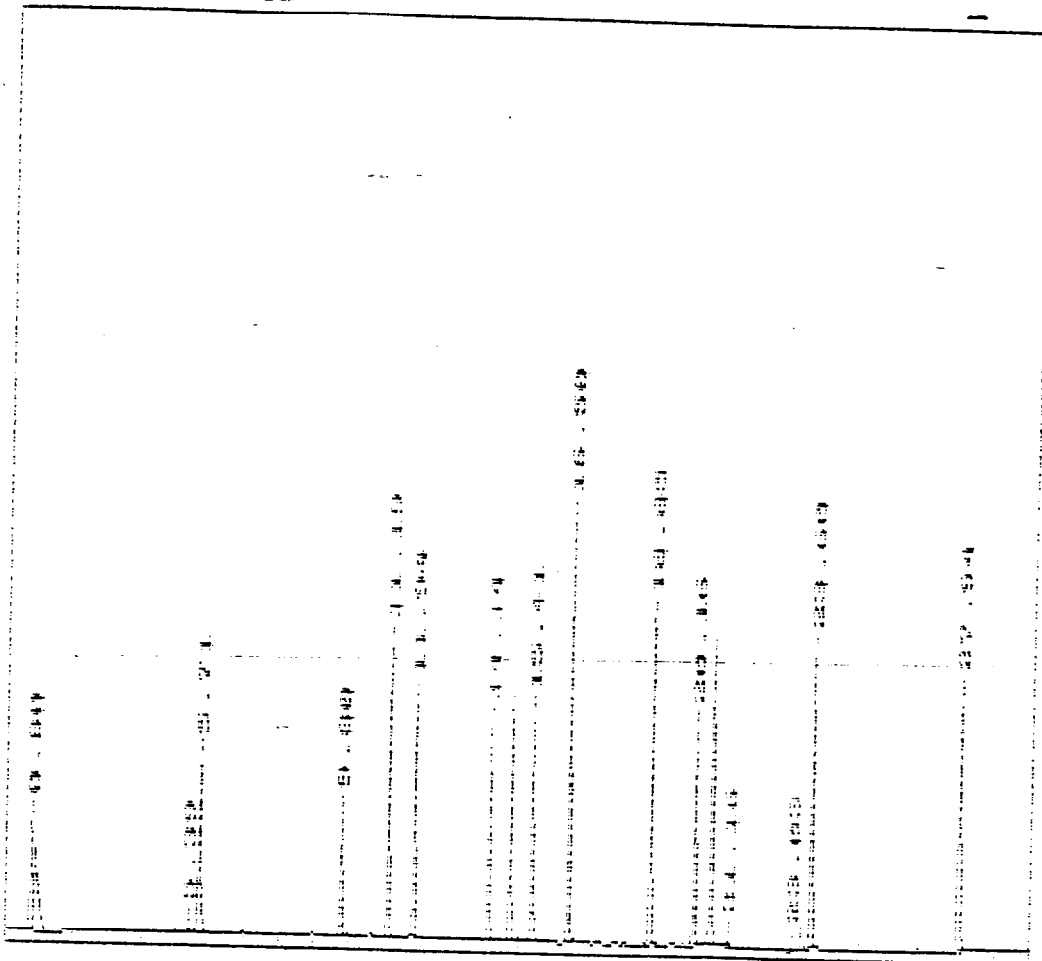
TOTAL AMOUNT = 442.5804

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
Heptachlor	10.67	TCX
Endosulfan I	15.50	TCX
Dieldrin	16.68	TCX
Endrin	18.08	TCX
DDT	18.67	TCX
DDT	19.84	TCX

Data File = E:\NPJ05-8.PTS Printed on 11-08-1994 at 16:15:08
Start time: 0.00 min. Stop time: 30.00 min. Offset:
Full Range: 300 K-Counts

0 cts



000062

***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 15:15:33 Version 5.2.0 *****
 * Sample Name: W539-01/ MIX B 4* Data File: F:\NOV05-8 *
 * Date: 10-05-1994 21:47:45 Method: F:\DIP17 11-07-1994 17:17:49 Version: 4 *
 * Interface: 12 Cycle#: 3 Operator: SC Channel: B Vial#: N/A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: He *
 * Conditions: 1700/min 2700/7min 940/min 2400/4min 9100/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.000 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

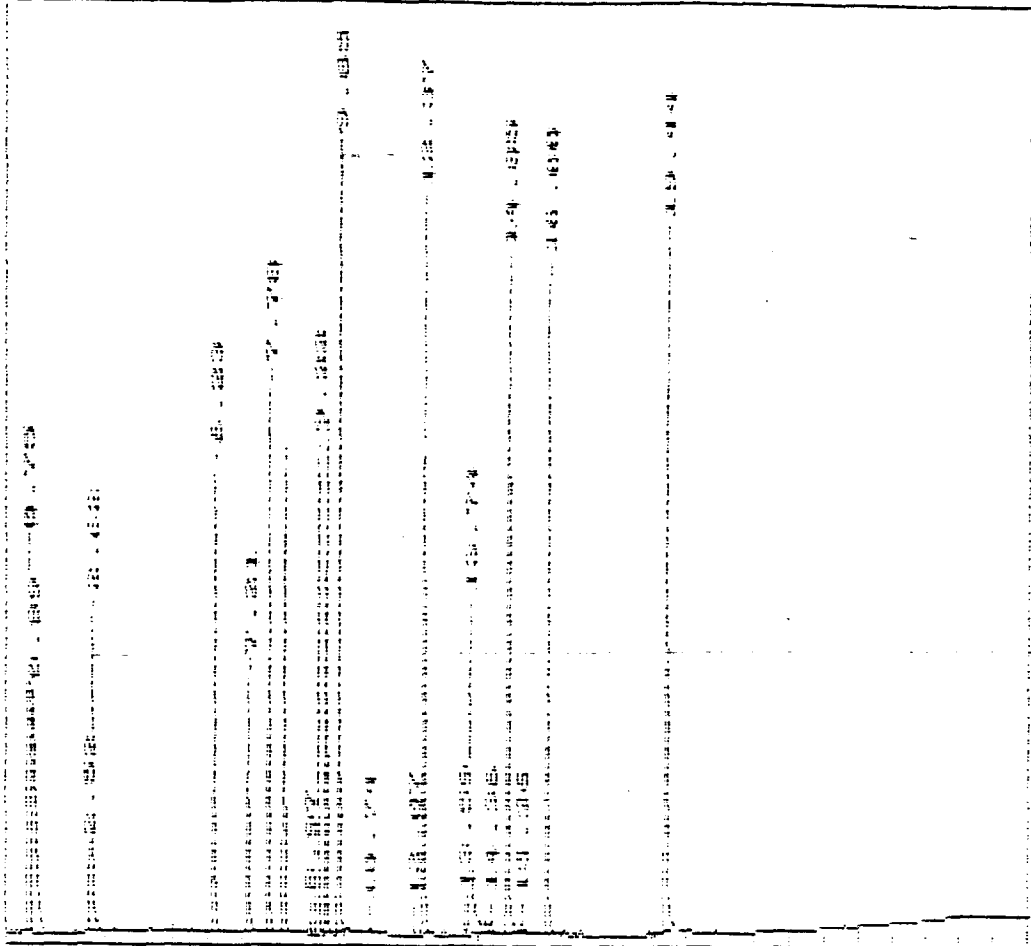
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
4	6.222	TCX	19.9685	4.3573%	339587	66894	4.9 2	0	.7725	6.0403E-05
5	6.229	Aldrin	21.9757	4.7953%	395699	98658	4.0 1	0	.5390	5.5536E-05
6	7.214	Beta-BHC	22.7065	4.9547%	214078	53883	4.0 1	0	.4651	1.0607E-04
7	7.782	delta-BHC	29.9025	4.5611%	395891	115491	3.4 1	0	.4310	5.2799E-05
8	8.203	Heptachlor epoxide	22.7304	4.9600%	363079	98985	3.7 1	0	.4073	4.2605E-05
9	8.968	Endosulfan I	1.1853	0.2586%	14447	3554	4.1 1	0	.3738	4.2047E-05
10	9.218	gamma-Chlorodane	22.5054	4.9327%	367869	101425	3.6 2	0	.3814	6.1450E-05
11	9.469	alpha-Chlorodane	22.8220	4.9799%	371142	105509	3.5 2	0	.3766	6.1491E-05
12	9.853	DDE	44.8453	9.7856%	632860	172991	3.7 1	0	.3401	7.0861E-05
13	10.738	Endrin	0.9442	0.2060%	7927	1477	5.4 1	0	.1557	1.3911E-04
15	12.375	DOD	65.8675	14.3726%	569778	153339	3.7 1	0	.4032	1.1746E-04
17	13.744	Endrin aldehyde	46.0840	10.0559%	390546	67132	5.8 2	0	.1215	1.1800E-04
19	14.846	Endosulfan sulfate	46.7078	10.1920%	539310	139977	3.9 3	0	.1126	8.5607E-05
20	15.264	Methoxychlor	3.2354	0.7060%	8804	2232	3.9 4	0	.2193	3.6748E-04
21	15.999	Endrin ketone	46.2383	10.0896%	496019	138514	3.6 1	0	.1044	9.3219E-05
22	19.439	DCB	49.4589	10.7923%	581549	146137	4.0 1	0	.6859	8.5047E-05

TOTAL AMOUNT = 458.2778

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Dieldrin	10.10	TCX
Endosulfan II	12.28	TCX
DDT	12.93	TCX

Data File = E:\VJ05-8.PTS Printed on 11-08-1994 at 16:15:38
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:16:30 Version 5.2.0 *****
 * Sample Name: W639-01/ MIX A 2X Data File: F:\NP105-4 *
 * Date: 10-05-1994 22:21:21 Method: F:\NCLP17 11-08-1994 15:11:31 Version: *
 * Interface: 12 Cycle#: 9 Operator: SC Channel: A Vials: n.a. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 1700/7min 2700/7min 840/7min 2400/4min 8100/7min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: IPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.000 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

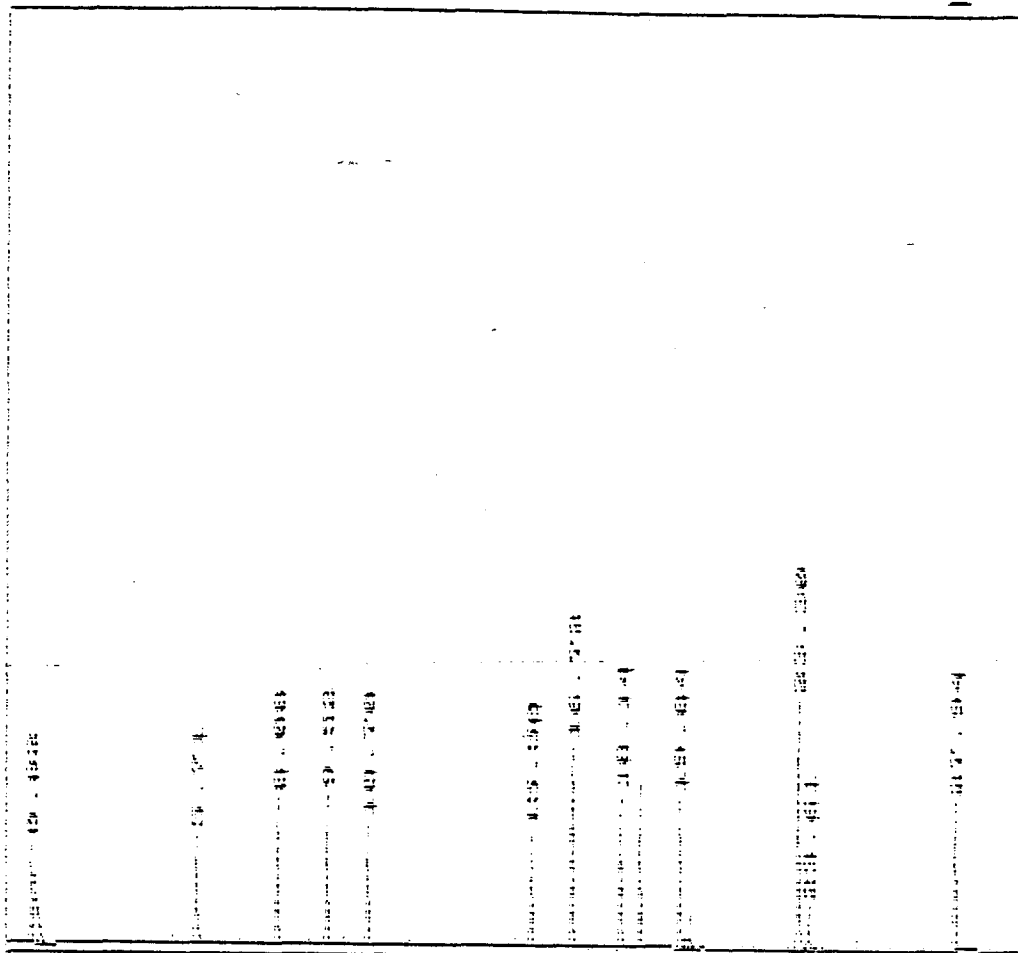
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CUNC	AREA	HEIGHT	HEIGHT BL	REF PEAK	% DELTA RET TIME	CUNC/AREA
3	7.11	TCX	11.0283	3.1776%	129796	27083	4.8 1	0	.5882	8.4966E-05
4	8.983	alpha-BHC	11.2401	3.2387%	168442	39482	4.2 1	0	.4149	6.6730E-05
5	9.519	gamma-BHC	11.5495	3.3566%	159374	40826	3.9 1	0	.5291	7.3095E-05
6	10.705	Heptachlor	12.6434	3.6430%	134888	31814	4.2 1	0	.3129	9.3733E-05
7	15.498	Endosulfan I	13.1267	3.7922%	124536	29234	4.3 1	0	0	1.0540E-04
8	16.717	Dieldrin	25.9615	7.4804%	234313	57548	4.1 1	0	.2001	1.1080E-04
9	18.136	Endrin	27.9803	8.0621%	172104	42281	4.1 1	0	.3108	1.6258E-04
10	18.587	DDD	25.3634	7.3081%	167466	45277	3.7 1	0	0	1.5100E-04
11	19.840	DDT	27.0904	7.8056%	161810	40662	4.0 2	0	0	1.5742E-04
12	20.174	Endrin aldehyde	2.8396	0.8182%	17295	4144	4.2 2	0	0	1.5419E-04
13	23.296	Methoxychlor	150.2710	43.2981%	304503	73301	4.2 2	0	0	4.9350E-04
14	23.614	Endrin Ketone	3.6961	1.0650%	31949	7613	4.2 2	0	.1416	1.1569E-04
15	27.939	OCB	24.1709	6.9644%	198792	41194	4.8 1	0	0	1.2159E-04

TOTAL AMOUNT = 347.0612

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME.	REFERENCE PEAK
Beta-BHC	9.79	TCX
delta-BHC	11.17	TCX
Aldrin	11.92	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	14.75	TCX
alpha-Chlordane	15.41	TCX
DDE	16.48	TCX
Endosulfan II	18.84	TCX
Endosulfan sulfate	20.62	TCX

File = E:\NPJ05-9.PTS Printed on 11-08-1994 at 16:16:48
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



000066

***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:17:42 Version 5.2.0 *****
 * Sample Name: WS39-01/ Mix A 2x Data File: E:\AQJ05-4 *
 * Date: 10-05-1994 22:21:21 Method: F:\NDIP17 11-07-1994 17:17:49 Version: 4

* Interface: 12 Cycle#: 4 Operator: SC Channel: K Vial#: N.E. *
 * Starting Peak Width: 15 IntraSoid: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HF *
 * Conditions: 170C/1min 270C/7min 440C/min 290C/4min 100C/min *
 * Detector 0: ECD Detector 1: FID *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.00K sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

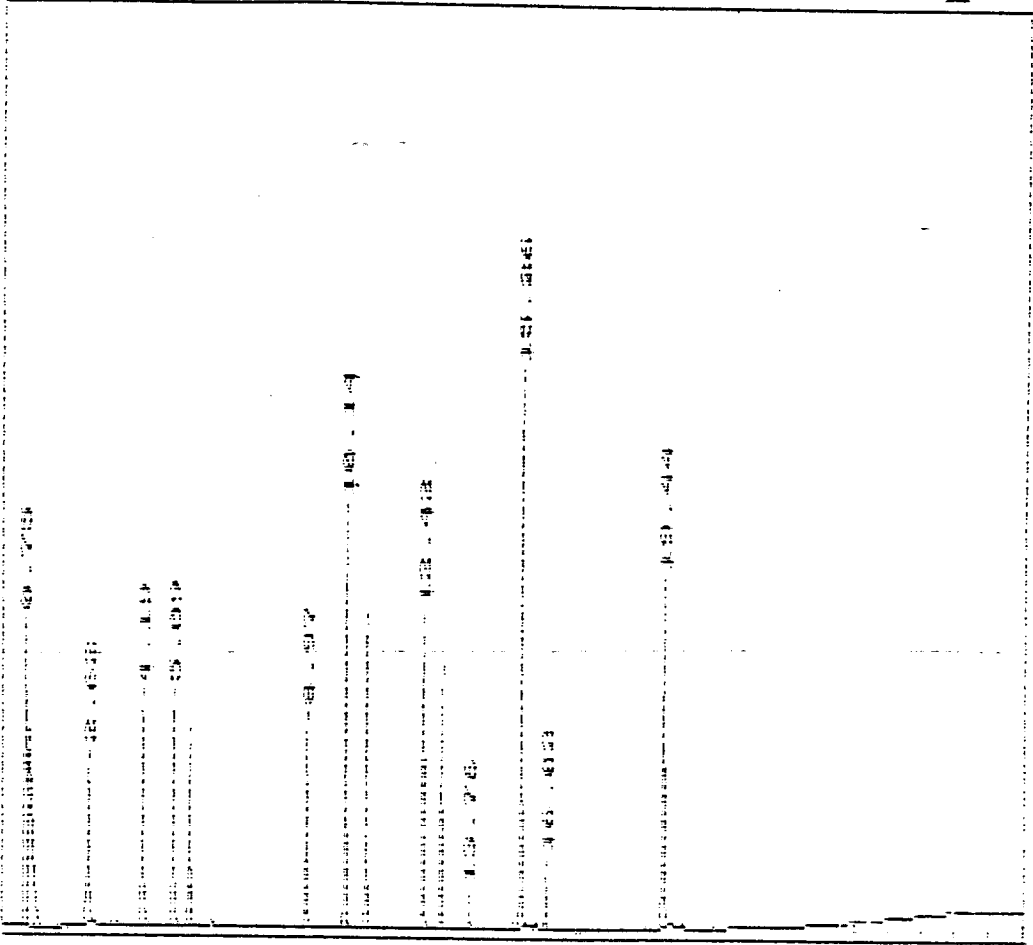
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT 8L	REF PEAK	% DELTA RET TIME	CONC/AREA
3	2.622	TCX	10.2169	2.9601%	169146	33596	5.0 1	0	.7726	6.0403E-05
4	.92	alpha-BHC	10.4156	3.0176%	193895	46606	4.2 1	0	1.209	5.3718E-05
5	5.093	gamma-BHC	10.9823	3.1818%	189107	46756	4.0 1	0	.9933	5.8075E-05
6	5.578	Heptachlor	11.9560	3.4639%	146841	39372	3.7 1	0	.6024	8.1421E-05
7	8.968	Endosulfan I	12.5086	3.6240%	152457	42558	3.6 1	0	.3738	8.2047E-05
8	10.137	Dieldrin	25.0303	7.2518%	297029	87220	3.4 1	0	.3306	8.4264E-05
9	10.755	Endrin	26.9699	7.8108%	226341	63826	3.5 1	0	.3115	1.1911E-04
10	12.425	DDD	26.0264	7.2507%	213068	63811	3.3 1	0	.8097	1.1746E-04
11	12.959	DDT	26.0070	8.1142%	186834	52980	3.5 1	0	.2584	1.4990E-04
12	13.761	Endrin aldehyde	2.0429	0.5919%	17313	3537	4.9 1	0	.2433	1.1800E-04
13	15.264	Methoxychlor	154.2455	44.6883%	419734	115921	3.6 1	0	.2193	3.6748E-04
14	16.015	Endrin Ketone	3.5682	1.0338%	38277	11119	3.4 1	0	.2089	9.3219E-05
15	19.439	DCB	24.1995	7.0111%	284543	71423	4.0 1	0	.0859	8.5047E-05

TOTAL AMOUNT = 345.1590

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
Aldrin	6.20	TCX
beta-BHC	7.18	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
gamma-Chlorodane	9.20	TCX
alpha-Chlorodane	9.45	TCX
ODE	9.82	TCX
Endosulfan II	12.28	TCX
Endo lfan sulfate	14.83	TCX

Da File = E:\NOJ05-4.PTS Printed on 11-08-1994 at 16:17:59
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:18:49 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX B 2X Data File: E:\PJ05-10 *
 * Date: 10-05-1994 22:54:58 Method: F:\NCLP17 11-08-1994 15:11:31 Version: 3 *

* Interface: 12 Cycle#: 10 Operator: SC Channel: 4 Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min #40/min 290C/4min #100/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: IPI1: * *

Starting Delay: 0.00 Ending Retention Time: 30.00
 Area Reject: 0 One Sample per 1.00% Sec.
 Amount Injected: 1.00 Dilution Factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	5.711	TCX	12.9661	5.2432%	152603	30628	5.0 1	0	.5882	8.4966E-05
4	7.003	Beta-BHC	13.0859	5.2916%	92032	23426	3.9 1	0	.1706	1.4219E-04
5	8.289	delta-BHC	11.6514	4.7116%	184917	49033	3.8 1	0	.1494	5.3009E-05
6	11.941	Aldrin	11.9301	4.8242%	175209	40747	4.3 1	0	.1400	6.8091E-05
7	14.145	Heptachlor epoxide	13.1189	5.3050%	161014	39835	4.0 1	0	.1181	5.1476E-05
8	14.779	gamma-Chlordane	12.5754	5.0852%	169826	41560	4.1 1	0	.1972	7.4049E-05
9	15.414	alpha-Chlordane	12.6312	5.1078%	175212	41548	4.2 1	0	0	7.2091E-05
10	16.500	DDE	24.7620	10.0132%	278739	75897	3.7 1	0	.1013	8.8836E-05
11	18.854	Endosulfan II	25.8102	10.8414%	249624	60950	4.1 1	0	0	1.9740E-04
12	20.157	Endrin aldehyde	26.8277	10.8485%	163394	39255	4.2 1	0	0	1.6419E-04
13	20.641	Endosulfan sulfate	25.7646	10.4186%	219084	53477	4.1 1	0	0	1.1740E-04
15	23.597	Endrin Ketone	26.2810	10.6274%	227166	56715	4.0 1	0	0	1.1569E-04
16	27.939	DDB	28.8901	11.6825%	237605	48425	4.9 1	0	0	1.2159E-04

TOTAL AMOUNT = 247.2946

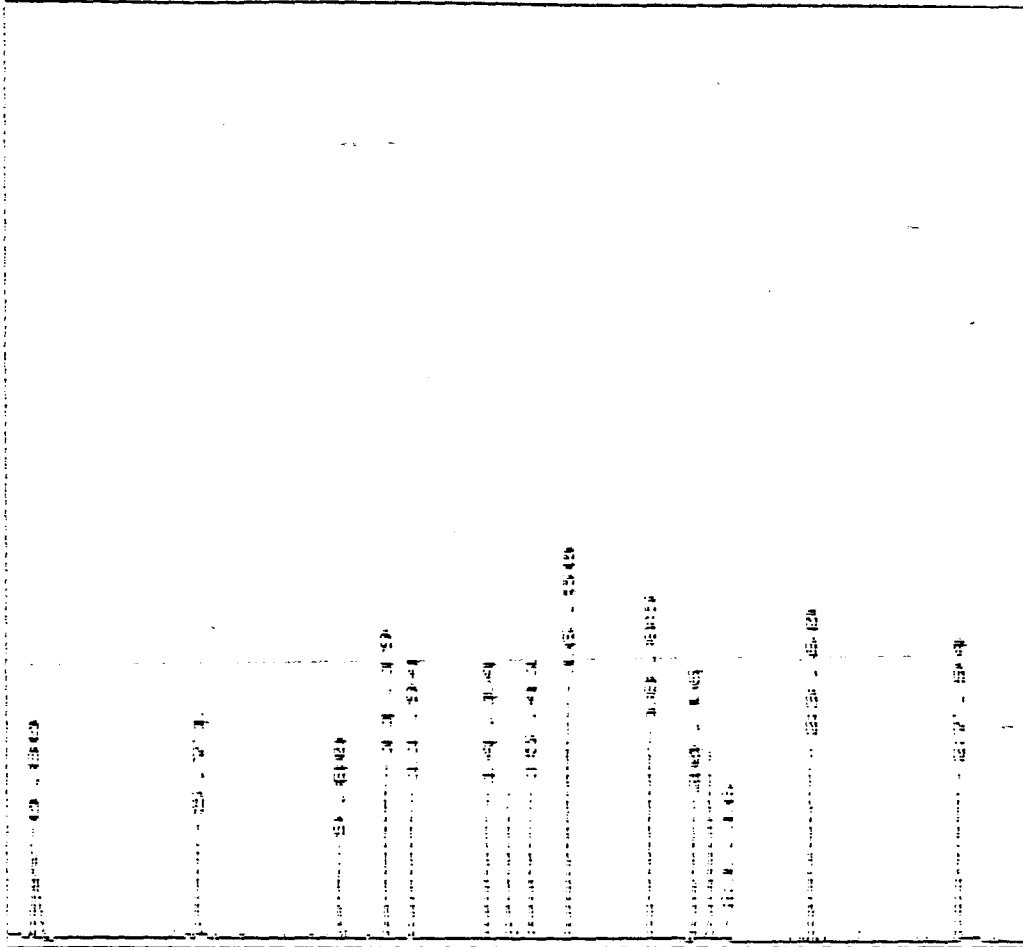
PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
Heptachlor	10.67	TCX
Endosulfan I	15.50	TCX
Dieldrin	16.68	TCX
Endrin	18.08	TCX
DDB	18.67	TCX
DDT	19.84	TCX
Methoxychlor	23.28	TCX

000069

File = E:\PI05-10.PTS Printed on 11-08-1994 at 16:19:06
Start time: 0.00 min. Stop time: 30.00 min. Offset:
Full Range: 300 K-Counts

0 cts



***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:19:57 Version 5.2.0 *****

* Sample Name: WS39-01/ MIX B 2X Data File: E:\QJ05-10 *

* Date: 10-05-1994 22:54:58 Method: F:\NDLP17 11-07-1994 17:17:49 Version: *

* Interface: 12 Cycle#: 10 Operator: SC Channel: 8 Vial#: N.A. *

* Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *

* Solvent Description: HE *

* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *

* Detector 0: ECD Detector 1: ECD *

* Misc. Information: LPI: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.000 sec
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

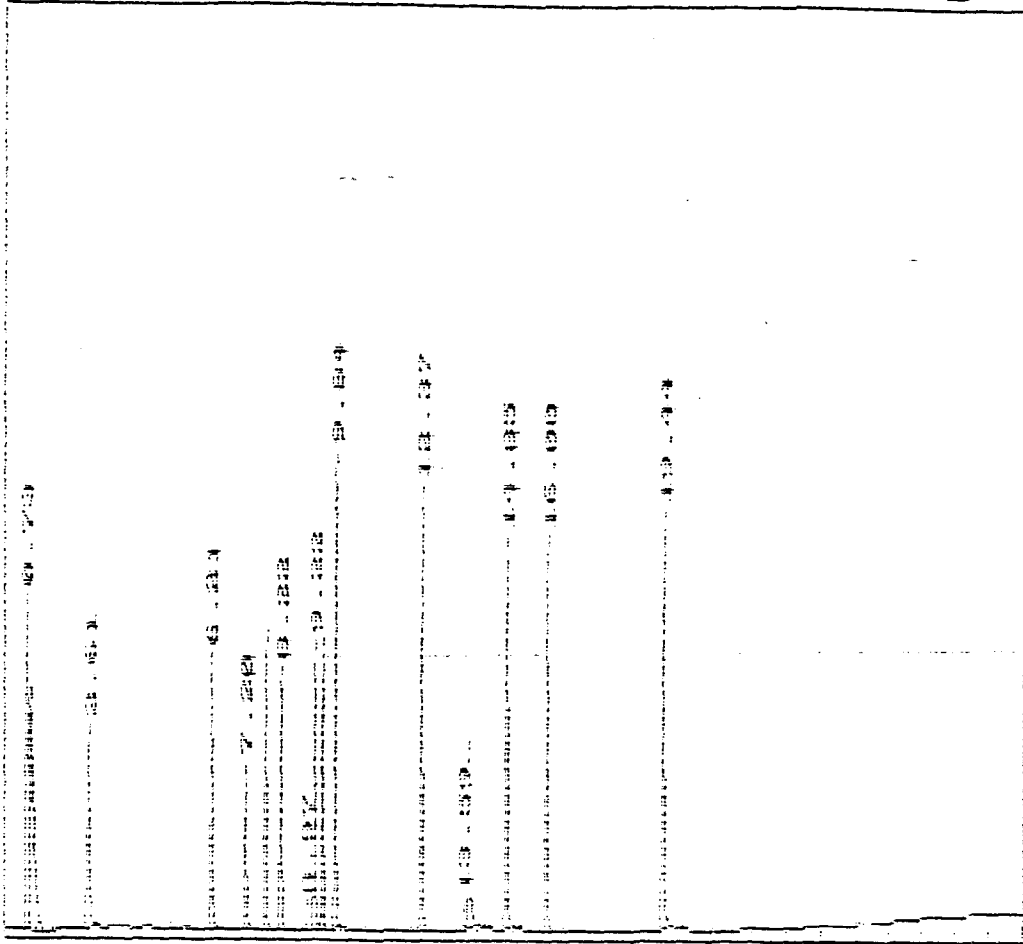
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
3	2.605	TCX	12.3306	4.9296%	294138	39619	5.2 1	0	.1306	6.0403E-05
4	2.12	Aldrin	11.8809	4.7498%	213929	55106	3.9 1	0	.2595	5.5536E-05
5	7.199	Beta-BHC	12.5019	4.9981%	117868	31652	3.7 1	0	.2325	1.0607E-04
6	7.782	delta-BHC	10.9112	4.3622%	206656	59897	3.5 1	0	.4310	5.2799E-05
7	8.216	Heptachlor epoxide	12.5372	5.0122%	200250	52918	3.8 1	0	.2836	6.2605E-05
8	8.968	Endosulfan I	0.6158	0.2462%	7506	1943	3.9 1	0	.3738	8.2047E-05
9	9.218	gamma-Chlorodane	12.4443	4.9751%	292511	58353	3.5 2	0	.1814	6.1450E-05
10	9.469	alpha-Chlorodane	12.6215	5.0459%	295257	59646	3.4 2	0	.1766	6.1491E-05
11	9.836	DDT	24.3078	9.7180%	343033	98763	3.5 1	0	.1700	7.0861E-05
12	12.375	DDD	36.9418	14.7689%	314513	91089	3.5 1	0	.4032	1.1746E-04
14	13.744	Endrin aldehyde	22.5821	9.0681%	192223	36584	5.3 1	0	.1215	1.1800E-04
15	14.846	Endosulfan sulfate	25.2010	10.0751%	290983	80352	3.6 1	0	.1126	8.6607E-05
16	15.999	Endrin ketone	25.1802	10.4665%	280847	80906	3.5 1	0	.1044	9.3219E-05
17	19.439	DCB	28.9758	11.5842%	340704	86194	4.0 1	0	.0859	8.5047E-05

TOTAL AMOUNT = 256.1320

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Dieldrin	10.10	TCX
Endrin	10.72	TCX
Endosulfan II	12.28	TCX
DDT	12.93	TCX
met. heptachlor	15.23	TCX

Data File = E:\NOJ05-10.PTS Printed on 11-08-1994 at 16:20:14
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cns
Full Range: 200 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:21:04 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX A 1X Data File: E:\P105-11 *
 * Date: 10-05-1994 23:28:35 method: F:\NCLP17 11-08-1994 15:11:31 Version: 3

* Interface: 12 Cycle#: 11 Operator: SC Channel: A Vial#: N.A.
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500

 * Instrument Type: GC#3 Column Type: DB1701 DB608
 * Solvent Description: HE
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min
 * Detector 0: FID Detector 1: ECD
 * Misc. Information: LPII: *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.000 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

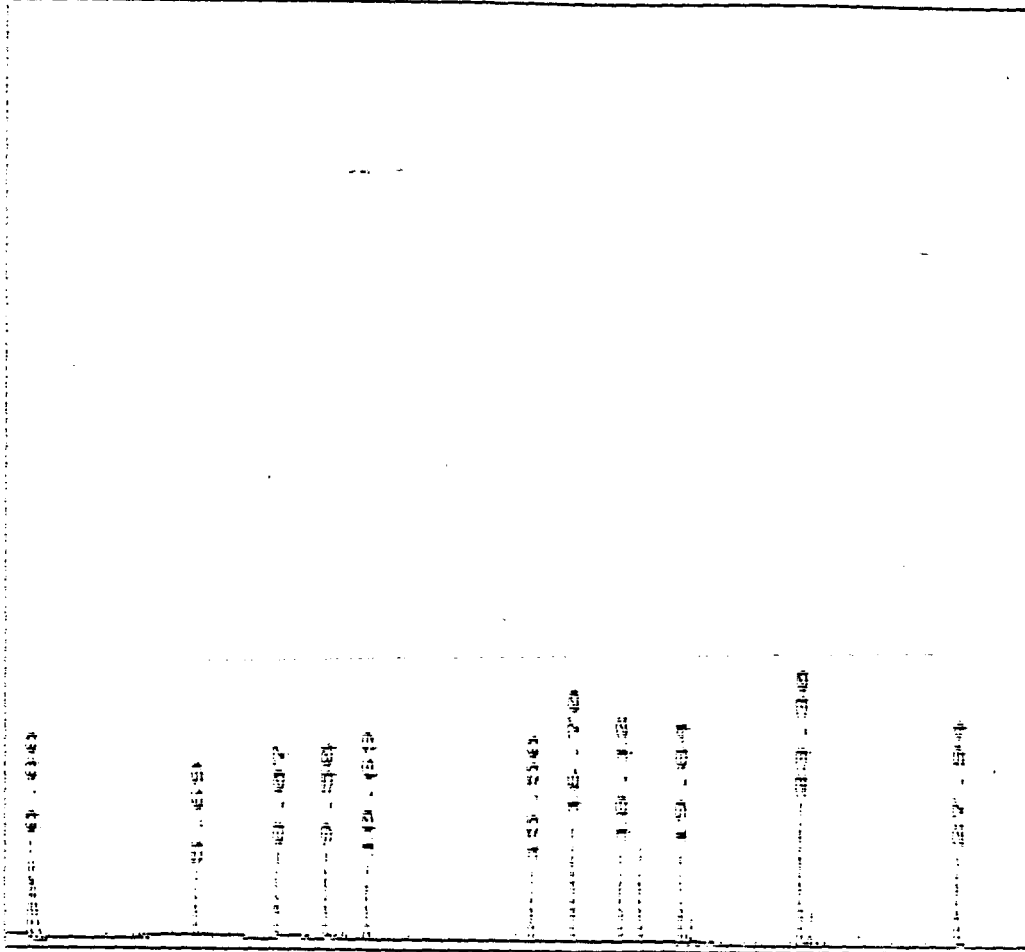
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/REF
3	7.695	TCX	5.8522	3.1872%	55875	14799	4.7 1	0	.2941	8.4956E-05
4	10.066	alpha-BHC	5.7017	3.1052%	85445	20840	4.1 1	0	.2074	5.5730E-05
5	9.502	gamma-BHC	5.9713	3.2521%	81692	21400	3.8 1	0	.3527	7.3095E-05
6	10.688	Heptachlor	5.5920	3.6446%	71395	16677	4.3 1	0	.1864	4.3733E-05
7	15.498	Endosulfan I	6.9558	3.7882%	65993	16219	4.1 1	0	0	1.0540E-04
8	16.700	Dieldrin	13.5765	7.3940%	122534	30866	4.0 1	0	.1001	1.1080E-04
9	18.119	Endrin	14.8638	8.0950%	91425	22783	4.0 1	0	.2184	1.5258E-04
10	18.687	DDD	13.0337	7.0984%	86314	23477	3.7 1	0	0	1.5100E-04
11	19.840	DDT	13.7452	7.5131%	82398	21950	3.8 1	0	0	1.5742E-04
12	20.157	Endrin aldehyde	1.3806	0.7519%	8408	2041	4.1 1	0	0	1.5419E-04
13	23.295	Methoxychlor	80.4312	43.8041%	162983	38795	4.2 2	0	0	4.4350E-04
14	23.597	Endrin Ketone	1.8946	1.0318%	16377	4001	4.1 2	0	0	1.1569E-04
15	27.939	OCB	13.4672	7.3345%	110761	23291	4.8 1	0	0	1.2159E-04

TOTAL AMOUNT = 183.6160

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
beta-BHC	9.79	TCX
delta-BHC	11.17	TCX
Aldrin	11.92	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	14.75	TCX
alpha-Chlordane	15.41	TCX
DDE	16.48	TCX
Endosulfan II	18.84	TCX
Endosulfan sulfate	20.62	TCX

Data File = E:\NPJ05-11.PTS Printed on 11-08-1994 at 16:21:22
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cns
Full Range: 300 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 11-07-1994 17:11:16 Version 5.2.0 *****
 * Sample Name: WS39-017 MIX A 1X Data File: E:\QJ05-11 *
 * Date: 10-05-1994 23:28:35 Method: DLP17 10-14-1994 08:51:55 Version: 3 *
 * Interface: 12 Cycle#: 11 Operator: BC Channel: E Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC43 Column Type: DB1701 DB808 *
 * Solvent Description: HE *
 * Conditions: 170C/min 270C/Tmin @4C/min 170C/min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: *

Starting delay: 1.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.000 sec.
 Amount injected: 1.00 Injection factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPE	NORMALIZED CONC	AREA	HEIGHT	HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	3.389	TCX	3.2691	3.0465%	87200	17616	3.0 1	0	15493	3.0465E-05
4	4.173	alpha-BHC	3.1710	2.9699%	90266	13487	4.1 1	0	18064	3.1710E-05
5	5.077	gamma-BHC	3.4709	3.1531%	94003	13540	4.0 1	0	18322	3.1531E-05
6	6.351	Heptachlor	3.1201	3.3385%	73166	13491	3.7 1	1	18011	3.1201E-05
7	6.956	Endosulfan I	3.3886	3.7605%	74694	11413	3.7 1	1	17736	3.3886E-05
8	10.119	Dieldrin	12.9973	7.3146%	154206	45131	3.4 1	0	11532	8.4269E-05
9	10.738	Endrin	14.0777	8.1392%	119189	35576	3.3 1	0	11557	1.1918E-04
10	12.408	ODE	12.7503	7.3718%	109553	31147	3.3 1	0	16740	1.1746E-04
11	12.943	007	14.3190	8.2788%	95521	13376	3.3 1	0	11292	1.4319E-04
12	13.744	Endrin aldehyde	0.6617	0.4982%	7303	1641	4.4 1	0	11216	1.1300E-04
13	15.247	Methoxychlor	74.1829	42.8902%	201867	67796	3.5 1	0	11096	3.5746E-04
14	15.999	Endrin ketone	1.7646	1.0319%	19147	5492	3.5 1	0	11044	9.3219E-05
15	19.429	008	10.4161	7.7568%	137750	40936	3.9 1	0	10659	3.5947E-05

TOTAL AMOUNT = 172.9502

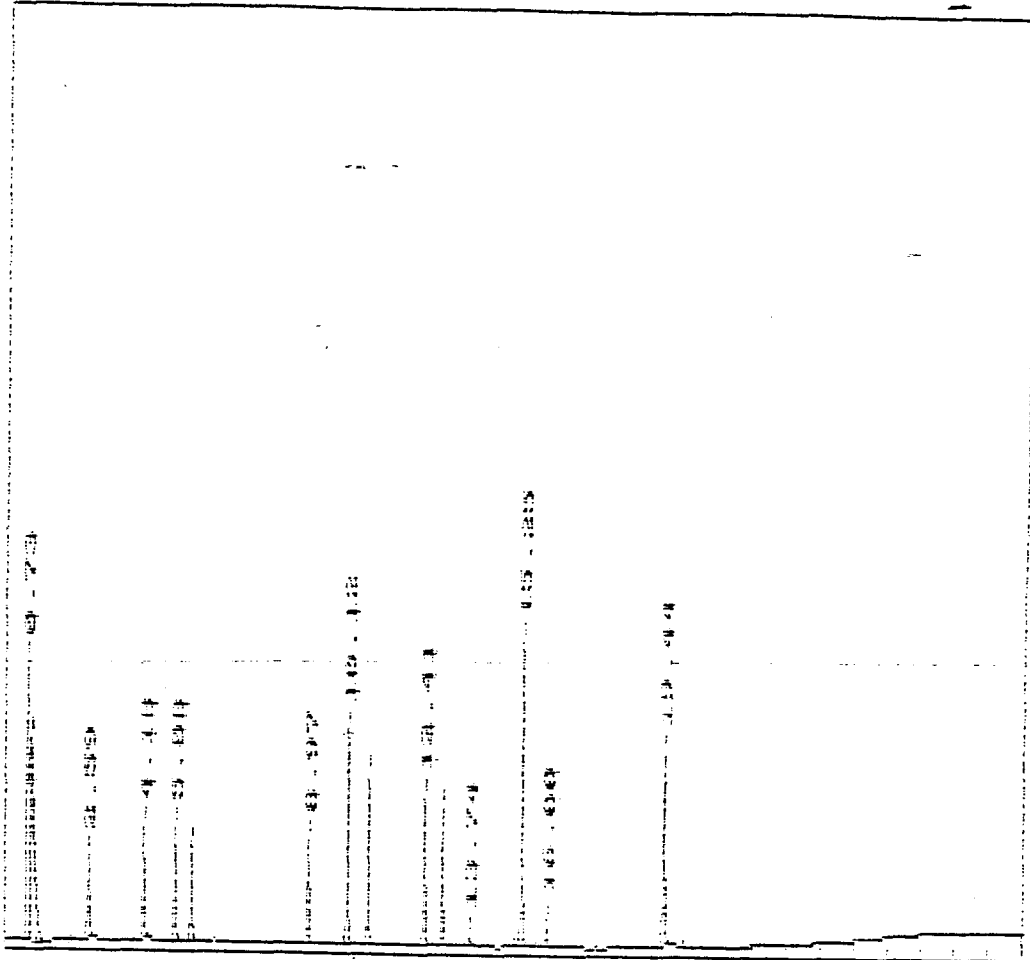
PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
Aldrin	6.20	TCX
beta-BHC	7.18	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorocane	9.45	TCX
ODE	9.82	TCX
Endosulfan II	12.28	TCX
Endosulfan sulfate	14.83	TCX

000075

Data File = E:\QJ05-11.PTS Printed on 11-08-1994 at 16:22:30
Start time: 0.00 min. Stop time: 30.00 min. Offset:
Full Range: 200 K-COUNTS

0 cts



***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:23:20 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX B 1X Data File: F:\NP105-12 *
 * Date: 10-06-1994 00:02:10 Method: F:\NCLP17 11-08-1994 15:11:31 Version: 3 *
 * Interface: 12 Cycle#: 12 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1/01 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

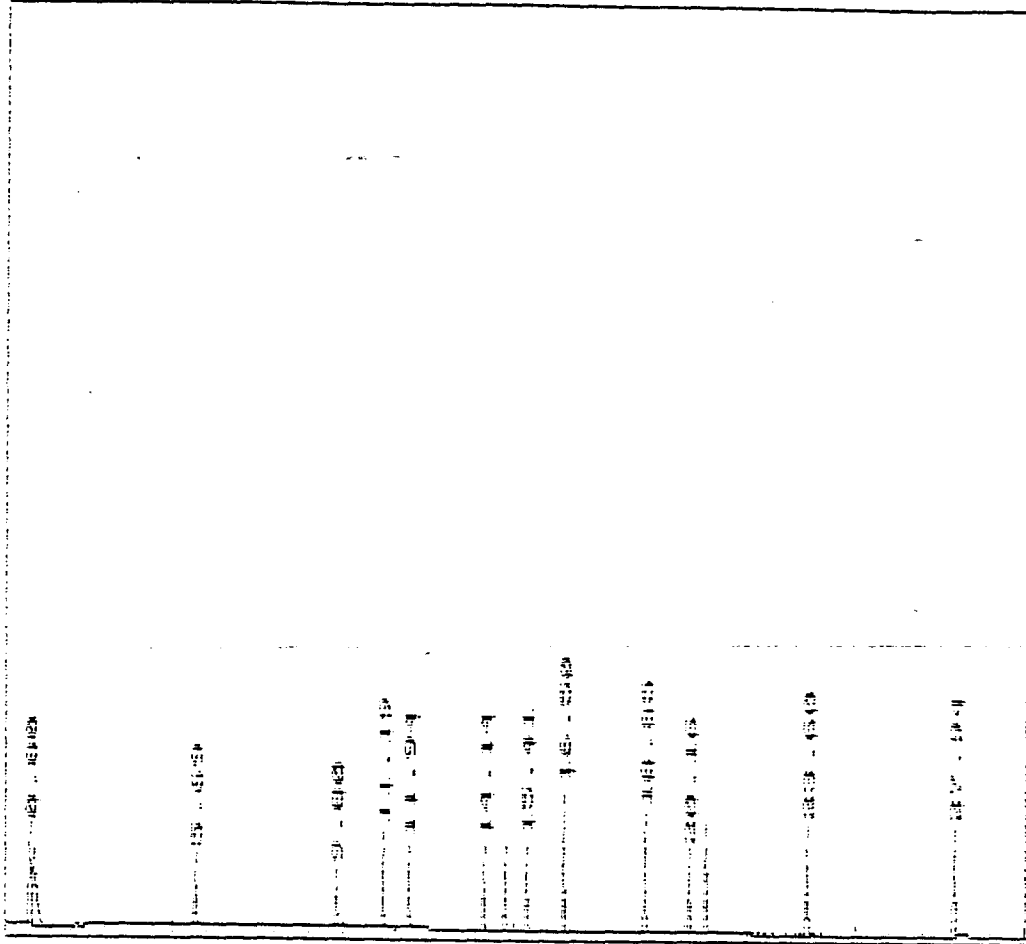
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	5.695	TCX	6.8631	5.2612%	80774	17239	4.7 1	0	.2941	8.4966E-05
4	10.3	delta-BHC	7.0335	5.3918%	49466	12717	3.9 1	0	.1705	1.4219E-04
5	11.189	delta-BHC	5.8848	4.5113%	93397	25124	3.7 1	0	.1494	5.3304E-05
6	11.941	Aldrin	6.2296	4.7756%	91490	21120	4.3 1	0	.1400	6.8091E-05
7	14.145	Heptachlor epoxide	7.0138	5.3767%	86084	21289	4.0 1	0	.1381	8.1476E-05
8	14.779	gamma-Chlordane	6.6193	5.0743%	89391	21935	4.1 1	0	.1472	7.4049E-05
9	15.414	alpha-Chlordane	6.6639	5.1085%	92437	21914	4.2 1	0	0	7.2094E-05
10	16.500	DDE	12.8257	9.8321%	144475	39013	3.7 1	0	.1013	8.8836E-05
11	18.854	Endosulfan II	14.2514	10.9251%	132692	32226	4.1 1	0	0	1.0740E-04
12	20.157	Endrin aldehyde	14.2101	10.8934%	86546	21107	4.1 1	0	0	1.6419E-04
13	20.541	Endosulfan sulfate	12.9813	9.9514%	110383	27927	4.0 1	0	0	1.1760E-04
14	23.597	Endrin ketone	13.7799	10.5636%	119110	29203	4.1 1	0	0	1.1569E-04
15	27.939	DDT	16.0906	12.3350%	132336	28040	4.7 1	0	0	1.2159E-04

TOTAL AMOUNT = 130.4468

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
Heptachlor	10.67	TCX
Endosulfan I	15.50	TCX
Dieldrin	16.68	TCX
Endrin	18.08	TCX
DDD	18.67	TCX
DDT	19.84	TCX
met. cychlor	23.28	TCX

Data File = E:\PJ05-12.PTS Printed on 11-08-1994 at 16:23:36
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:24:27 Version 5.2.0 *****

* Sample Name: WS39-017 MIX B 1x Data File: F:\AQ105-12 *
 * Date: 10-06-1994 00:02:10 Method: F:\NDI P17 11-07-1994 17:17:44 Version: *

* Interface: 12 Cycle#: 12 Operator: SC Channel: 8 Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 1700/min 2700/7min 40/min 2900/4min 100/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	2.589	TCX	5.8959	4.5402%	97608	26525	3.6 1	0	-5.111	6.0403E-05
4	4.12	Aldrin	6.0274	4.6415%	108531	28757	3.8 1	0	2.645	5.5536E-05
5	5.198	beta-BHC	5.3628	4.8998%	59989	16911	3.5 1	0	2.325	1.0607E-04
6	7.782	delta-BHC	5.3737	4.1381%	101777	29004	3.5 1	0	4.310	5.2799E-05
7	8.216	Heptachlor epoxide	6.5808	5.0677%	105117	26553	3.7 1	0	2.936	6.2608E-05
8	9.218	gamma-Chlorodane	6.5895	5.0744%	107234	30650	3.5 2	0	1.814	6.1450E-05
9	9.469	alpha-Chlorodane	6.6893	5.1512%	108785	31086	3.5 2	0	1.766	6.1491E-05
10	9.836	DDT	12.4195	9.5639%	175265	50400	3.5 1	0	1.700	7.0861E-05
11	12.375	DDD	19.4223	14.9565%	155356	47795	3.5 1	0	4.032	1.1746E-04
12	13.744	Endrin aldehyde	11.5427	8.8887%	97820	18831	5.2 1	0	1.216	1.1800E-04
13	14.346	Endosulfan sulfate	13.3009	10.2426%	153578	42636	3.6 1	0	1.126	8.5607E-05
14	15.999	Endrin Ketone	13.6669	10.5244%	146613	41985	3.5 1	0	1.044	9.3219E-05
15	19.439	DDC	15.9870	12.3111%	187979	47937	3.9 1	0	0.889	8.5047E-05

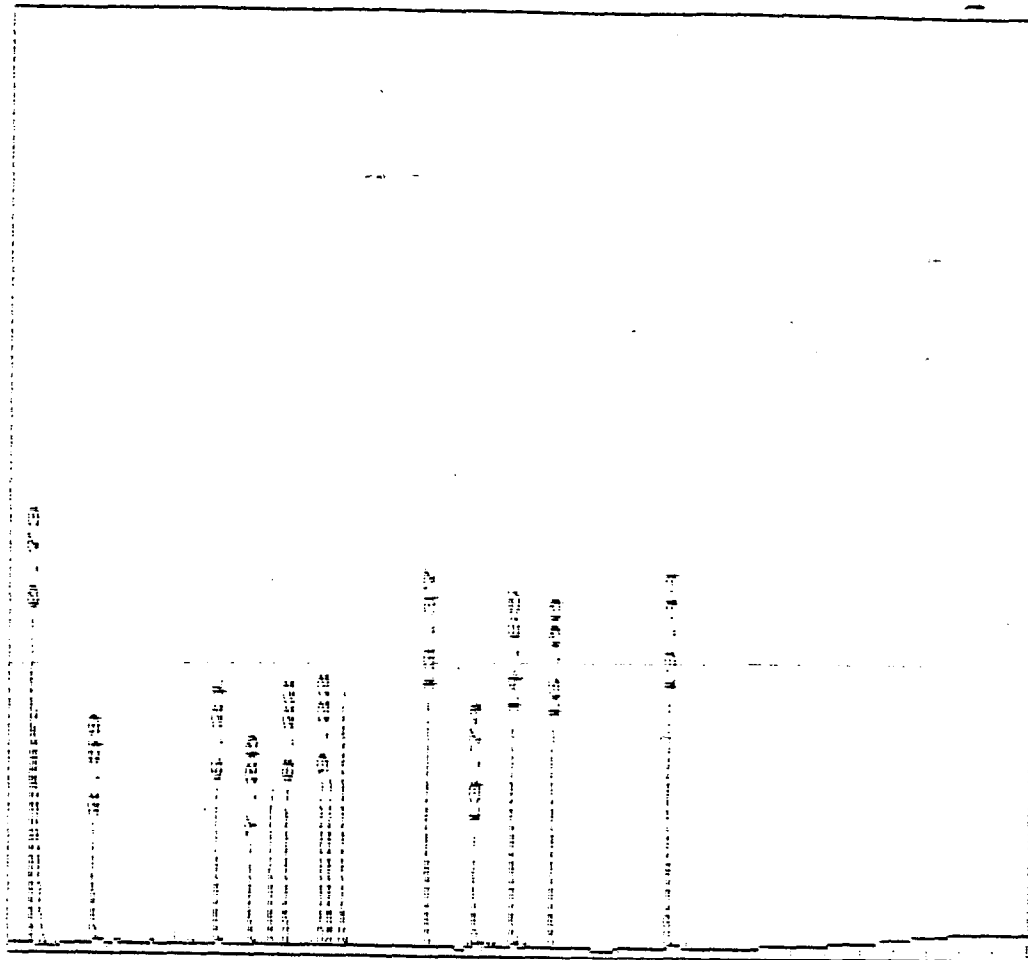
TOTAL AMOUNT = 129.8586

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Endosulfan I	8.93	TCX
Dialdrin	10.10	TCX
Endrin	10.72	TCX
Endosulfan II	12.28	TCX
DDT	12.93	TCX
Methoxychlor	15.23	TCX

000079

Data File = E:\00105-12.PTS Printed on 11-08-1994 at 16:24:43
Sta time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000080

Output redirected to LPT1:

INST BL Processed: 10-14-1994 18:31:47, Segment 1, Cycle 1
RAW DATA SAVED IN FILE E:\PJ14-1.PTS Second Channel Stored in E:\QJ14-1.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 18:33:07 Version 5.2.0 *****
* Sample Name: INST BL Data File: E:\PJ14-1 *
* Date: 10-14-1994 18:01:45 Method: CLP17 10-12-1994 12:28:01 Version: 2*
* Interface: 12 Cycle#: 1 Operator: SC Channel: A Vial#: N.A. *
* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *
* Solvent Description: HE *
* Conditions: 170C/1min 270C/7min #40/min 290C/4min #10C/min *
* Detector 0: ECD Detector 1: ECD *
* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.002 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	± DELTA RET TIME	CONC/AREA
2	5.695	TCX	18.1822	47.1668%	213993	41563	5.1 1	0	.2941	8.4966E-05
3	27.889	OCB	20.3665	52.8332%	167503	34791	4.8 1	0	-.1196	1.2159E-04

TOTAL AMOUNT = 38.5487

PEAKS NOT FOUND IN THIS RUN

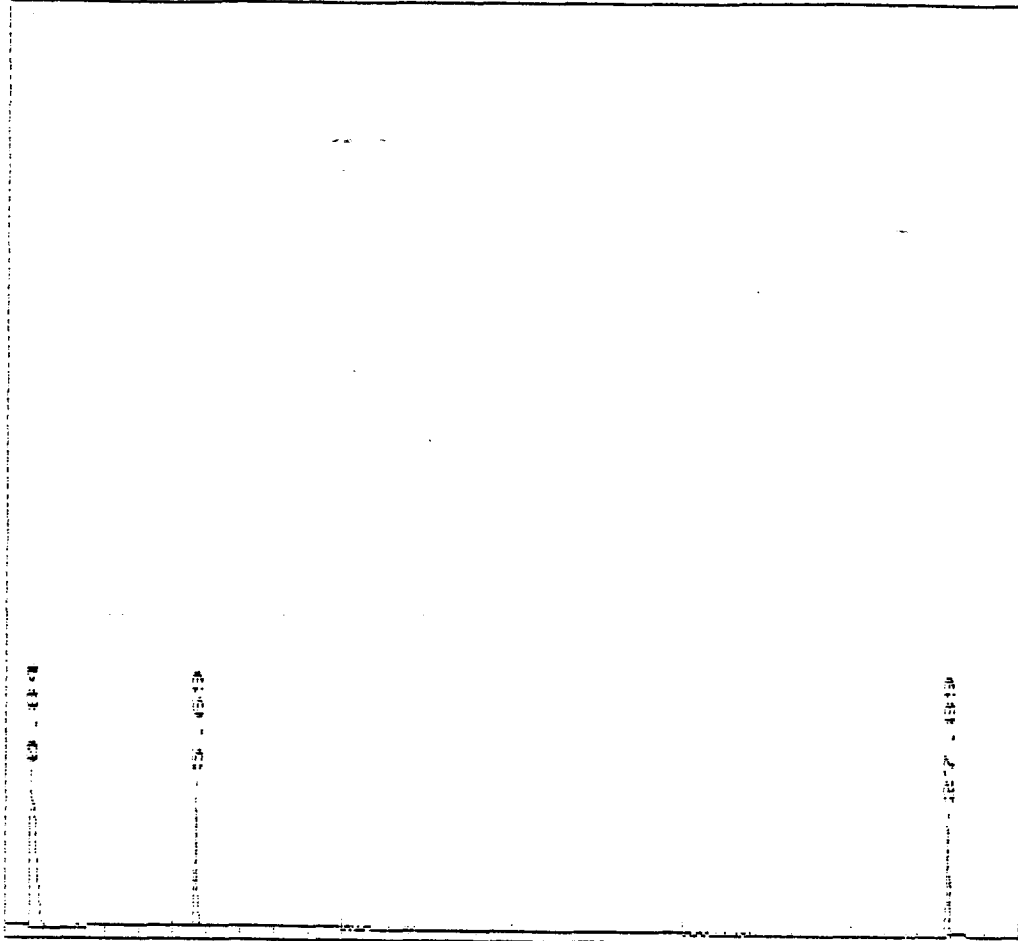
NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
beta-BHC	9.79	TCX
Heptachlor	10.67	TCX
delta-BHC	11.17	TCX
Aldrin	11.92	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	15.23	TCX
alpha-Chlordane	15.41	TCX
Endosulfan I	15.50	TCX
DDE	16.48	TCX
Dieldrin	16.68	TCX
Endrin	18.08	TCX
DDD	18.67	TCX
Endosulfan II	18.84	TCX
DDT	19.84	TCX
Endrin aldehyde	20.16	TCX
Endosulfan sulfate	20.62	TCX
Metoxychlor	23.28	TCX
Endrin ketone	23.58	TCX

Areas, times, and heights stored in: E:\PJ14-1.AFB

File = E:\PJ14-1.PTS Printed on 10-14-1994 at 18:33:24

Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts

Full Range: 300 K-Counts



000082

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 18:33:48 Version 5.2.0 *****
 * Sample Name: INST BL Data File: E:\QJ14-1 *
 * Date: 10-14-1994 18:01:45 Method: DLP17 10-14-1994 03:51:55 Version: 3*
 * Interface: 12 Cycle#: 1 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.589	TCX	16.7659	42.9602%	277566	48959	5.7 1	0	.6493	6.0403E-05
3	19.355	DCB	22.2607	57.0398%	261746	62789	4.2 1	0	-.3439	8.5047E-05

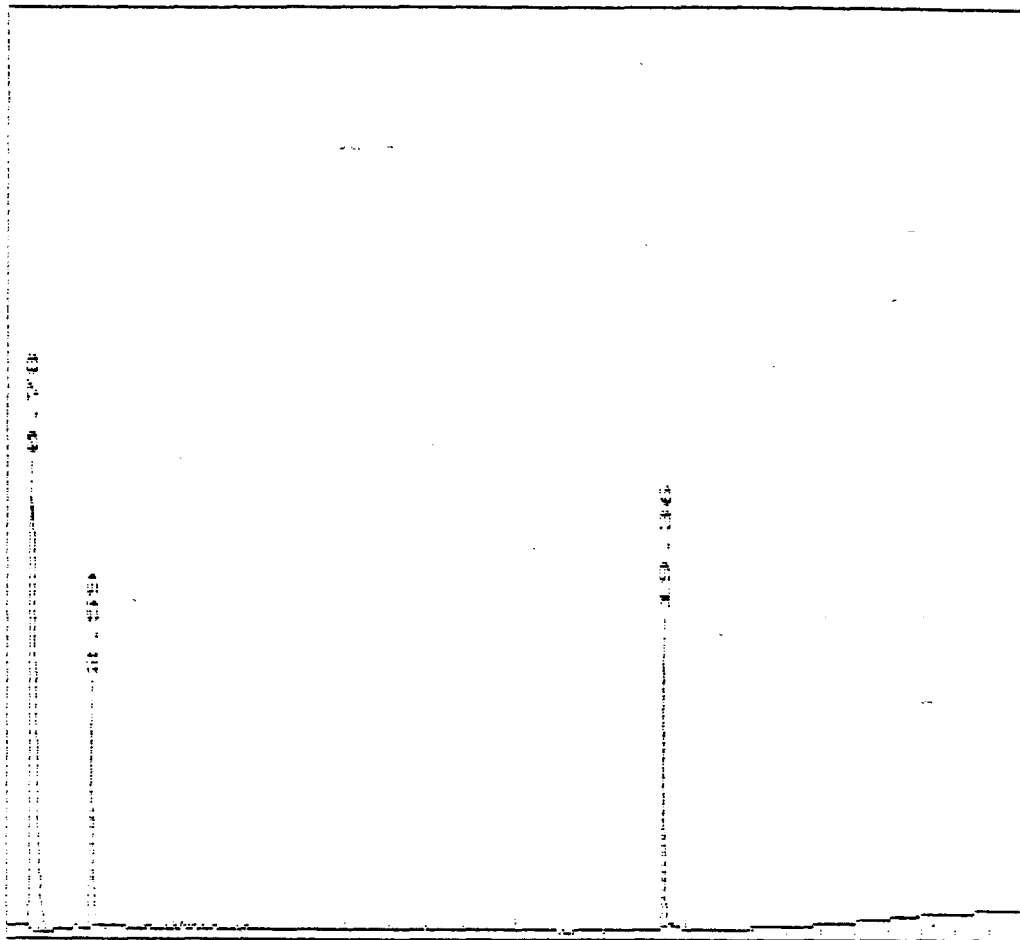
TOTAL AMOUNT = 39.0256

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Aldrin	6.20	TCX
bata-BHC	7.18	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan I	8.93	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
DDE	9.82	TCX
Dieldrin	10.10	TCX
Endrin	10.72	TCX
Endosulfan II	12.28	TCX
DDD	12.32	TCX
DDT	12.93	TCX
Endrin aldehyde	13.73	TCX
Endosulfan sulfata	14.83	TCX
Methoxychlor	15.23	TCX
Endrin Ketone	15.98	TCX

000083

Areas, times, and heights stored in: E:\QJ14-1.AFB
Da File = E:\QJ14-1.PTS Printed on 10-14-1994 at 18:34:05
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000084

Output redirected to LPT1:

Processed: 10-14-1994 19:07:31, Segment 2, Cycle 2
RAW DATA SAVED IN FILE E:\PJ14-2.PTS Second Channel Stored in E:\QJ14-2.PIS

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 19:08:51 Version 5.2.0 *****
* Sample Name: PEM Data File: E:\PJ14-2 *
* Date: 10-14-1994 18:35:24 Method: CLP17 10-12-1994 12:28:01 Version: 2*
* Interface: 12 Cycle#: 2 Operator: SC Channel: A Vial#: N.A. *
* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *
* Solvent Description: HE *
* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
* Detector 0: ECD Detector 1: ECD *
* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.002 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
5	7.711	TCX	20.7716	3.2345%	244469	47637	5.1 1	0	.5882	8.4966E-05
7	8.049	alpha-BHC	8.8242	1.3741%	132238	32151	4.1 1	0	0	6.6730E-05
8	9.502	gamma-BHC	12.7752	1.9893%	174774	42150	4.1 2	0	.3527	7.3095E-05
9	9.803	beta-BHC	15.6579	2.4382%	110121	24067	4.6 2	0	.1706	1.4219E-04
13	15.180	gamma-Chlordane	0.5517	0.0859%	7451	1657	4.5 2	0	-.3289	7.4049E-05
14	16.483	DDE	5.0693	0.7894%	57064	3412	16.7 1	0	0	8.8836E-05
15	18.103	Endrin	73.1867	11.3964%	450163	109609	4.1 1	0	.1260	1.6258E-04
16	18.654	DDD	9.5522	1.4874%	63258	15639	4.0 1	0	0	1.5100E-04
17	19.806	DDT	120.1875	18.7152%	717877	178020	4.0 2	0	-.1683	1.6742E-04
18	20.140	Endrin aldehyde	4.3237	0.6733%	26334	5854	4.5 2	0	0	1.6419E-04
19	20.508	Endosulfan sulfate	1.1693	0.1821%	9943	1864	5.3 1	0	-.5668	1.1760E-04
21	23.263	Methoxychlor	338.7672	52.7518%	686464	166120	4.1 2	0	0	4.9350E-04
22	23.564	Endrin Ketone	6.5522	1.0203%	56636	12834	4.4 2	0	0	1.1569E-04
24	27.889	DCB	24.8021	3.8621%	203983	41650	4.9 1	0	-.1196	1.2159E-04

TOTAL AMOUNT = 642.1908

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
Heptachlor	10.67	TCX
delta-BHC	11.17	TCX
Aldrin	11.92	TCX
Heptachlor epoxide	14.13	TCX
alpha-Chlordane	15.41	TCX
Endosulfan I	15.50	TCX
Dieldrin	16.68	TCX
Endosulfan II	18.84	TCX

DDE - 4% of total
DDT + DDE

000085

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 19:09:36 version 5.2.0 *****
 * Sample Name: PEM Data File: F:\NO114-2 *
 * Date: 10-14-1994 18:35:24 Method: DLP17 10-14-1994 03:51:55 Version: 3 *
 * Interface: 12 Cycle#: 2 Operator: SC Channel: 8 Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.589	TCX	19.9082	3.1114%	329588	58620	5.6 1	0	.6493	6.0403E-05
3	4.158	alpha-BHC	11.0435	1.7259%	205585	47112	4.4 1	0	.4032	5.3718E-05
4	0.043	gamma-BHC	11.5145	1.7995%	198271	46611	4.3 1	0	0	5.8075E-05
5	7.148	delta-BHC	12.3343	1.9277%	116288	31720	3.7 1	0	-.4651	1.0607E-04
6	9.786	DDE	0.9357	0.1462%	13205	3593	3.7 1	0	-.3401	7.0861E-05
7	10.671	Endrin	71.8380	11.2272%	603116	179334	3.4 1	0	-.4672	1.1911E-04
8	12.358	DDD	9.8814	1.5443%	94128	20144	4.2 1	0	.2577	1.1746E-04
9	12.876	DDT	116.6415	18.2294%	778111	223717	3.5 1	0	-.3875	1.4990E-04
11	13.661	Endrin aldehyde	3.2582	0.5108%	27697	5561	5.0 2	0	-.4866	1.1800E-04
12	15.154	Methoxychlor	349.2324	54.5800%	950333	237909	4.0 2	0	-.4385	3.6748E-04
14	15.915	Endrin Ketone	5.7396	1.0533%	72299	18661	3.9 2	0	-.4179	4.3219E-05
15	19.355	DCB	26.5168	4.1442%	311791	76715	4.1 1	0	-.3439	8.5047E-05

TOTAL AMOUNT = 639.8542

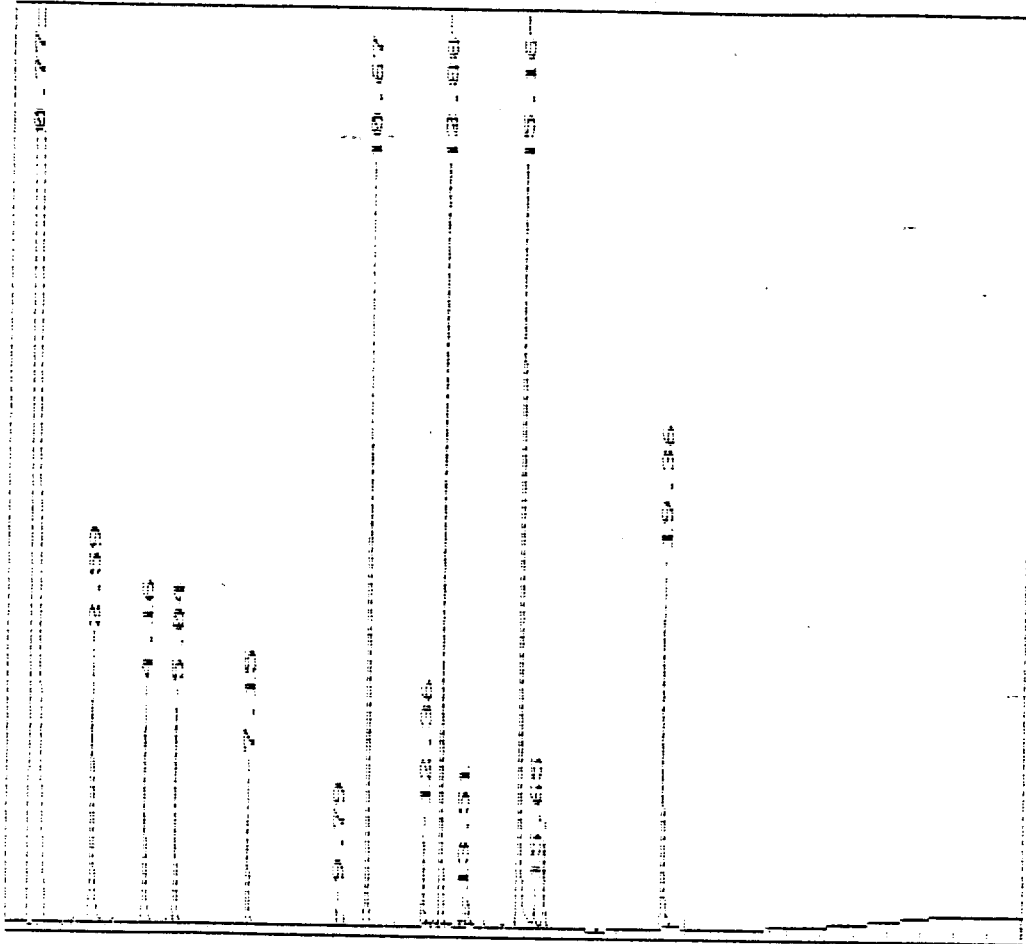
PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
Heptachlor	5.54	TCX
Aldrin	6.20	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan I	8.93	TCX
gamma-Chlorodane	9.20	TCX
alpha-Chlorodane	9.45	TCX
Dieldrin	10.10	TCX
Endosulfan II	12.28	TCX
Endosulfan sulfate	14.83	TCX

$$DDT = \frac{9.88 + 0.94}{116.64}$$

9.3%

Areas, times, and heights stored in: E:\QJ14-2.ATB
Data File = E:\QJ14-2.PTS Printed on 10-14-1994 at 19:09:53
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



*** EXTERNAL STANDARD TABLE ***

***** 10-15-1994 01:17:18 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX A 4x Data File: F:\P114-3 *
 * Date: 10-14-1994 19:08:59 Method: CLP17 10-12-1994 12:28:01 Version: 2 *
 * Interface: 12 Cycle#: 3 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#? Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 1700/1min 2700/7min @40/min 2900/4min @100/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.711	TCX	18.0436	3.3425%	212362	42162	5.0 1	0	.5882	8.4966E-05
4	8.066	alpha-BHC	19.4652	3.6058%	291702	69412	4.2 1	0	.2074	6.6730E-05
5	9.502	gamma-BHC	20.3342	3.7668%	278188	70434	3.9 1	0	.3527	7.3095E-05
6	10.688	Heptachlor	19.7144	3.6520%	210325	49273	4.3 1	0	.1564	9.3733E-05
8	10.180	gamma-Chlordane	1.0212	0.1892%	13791	2126	6.5 1	0	-.3289	7.4049E-05
9	15.481	Endosulfan I	24.9613	4.6239%	236818	51904	4.6 1	0	-.1077	1.0540E-04
10	16.683	Dieldrin	45.8144	8.4868%	413493	101321	4.1 1	0	0	1.1080E-04
11	18.103	Endrin	41.3155	7.6534%	254127	69358	3.7 1	0	.1260	1.6258E-04
12	18.654	DDE	41.8463	7.7517%	277122	79855	3.5 1	0	0	1.5100E-04
13	19.806	DDE	43.4734	8.0531%	259665	65029	4.0 2	0	-.1683	1.6742E-04
14	20.140	Endrin aldehyde	3.9176	0.7257%	23860	5541	4.3 2	0	0	1.6419E-04
15	20.508	Endosulfan sulfate	0.6691	0.1239%	5689	1162	4.9 1	0	-.5668	1.1760E-04
18	23.263	Methoxychlor	212.4662	39.3579%	430533	112404	3.8 2	0	0	4.9350E-04
19	23.564	Endrin Ketone	8.6527	1.6029%	74792	17105	4.4 2	0	0	1.1569E-04
21	27.889	DCB	38.1362	7.0645%	313649	66961	4.7 1	0	-.1196	1.2159E-04

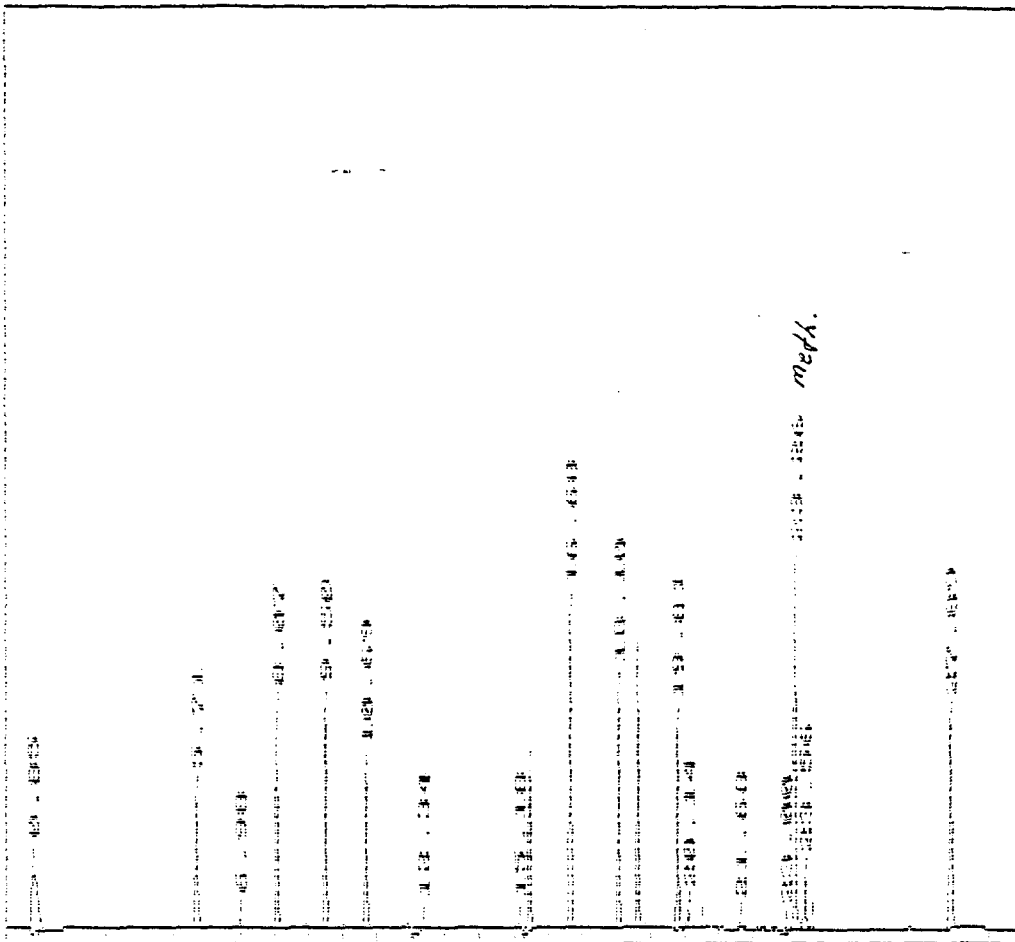
TOTAL AMOUNT = 539.8314

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
beta-BHC	9.79	TCX
delta-BHC	11.17	TCX
Aldrin	11.92	TCX
Heptachlor epoxide	14.13	TCX
alpha-Chlordane	15.41	TCX
DDE	16.48	TCX
Endosulfan II	18.84	TCX

000089

Data File = E:\NPJ14-3.PTS Printed on 10-15-1994 at 01:17:21
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



000090

 # *** EXTERNAL STANDARD TABLE *****

***** 10-15-1994 01:22:34 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX A 4X Data File: F:\NJJ14-3 *
 * Date: 10-14-1994 19:08:59 Method: DLP17 10-14-1994 03:51:55 Version: 3 *
 * Interface: 12 Cycles: 3 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 # Instrument Type: GC#3 Column Type: DR1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 1700/1min 2700/7min @40/min 2900/4min @100/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT BL	REF PEAK	% DELTA RET TIME	UNCL/AREA
2	2.605	TOX	16.9740	3.1565%	281011	49572	5.7 1	0	1.298	6.0403E-05
3	4.158	alpha-BHC	18.8329	3.5022%	350591	79036	4.4 1	0	.4052	5.3718E-05
4	5.060	gamma-BHC	19.8794	3.6968%	342308	81955	4.2 1	0	.3311	5.6075E-05
5	5.528	Heptachlor	19.1065	3.5531%	234662	59297	4.0 1	0	-1.3012	8.1421E-05
6	6.901	Endosulfan I	23.3773	4.3472%	284927	78130	3.6 1	0	-1.3738	8.2047E-05
7	10.053	Dieldrin	44.4432	8.2647%	527398	152553	3.5 1	0	-1.4958	8.4264E-05
8	10.671	Endrin	42.1410	7.8458%	354214	119733	3.0 1	0	-1.4672	1.1911E-04
10	12.341	DDE	42.1175	7.8322%	358577	112868	3.2 1	0	.1222	1.1746E-04
11	12.676	DDE	44.3987	8.2564%	246182	86146	3.4 1	0	-1.3875	1.1440E-04
12	13.661	Endrin aldehyde	2.9229	0.5435%	24770	5170	4.8 1	0	-1.4866	1.1800E-04
13	15.180	Metoxychlor	215.1308	40.0057%	585415	160309	3.7 1	0	-1.3289	3.6748E-04
15	15.415	Endrin Ketone	8.4165	1.5651%	90287	25068	3.6 2	0	-1.4179	4.4214E-05
17	19.355	DDE	39.9594	7.4309%	464852	120268	3.9 1	0	-1.3439	8.5047E-05

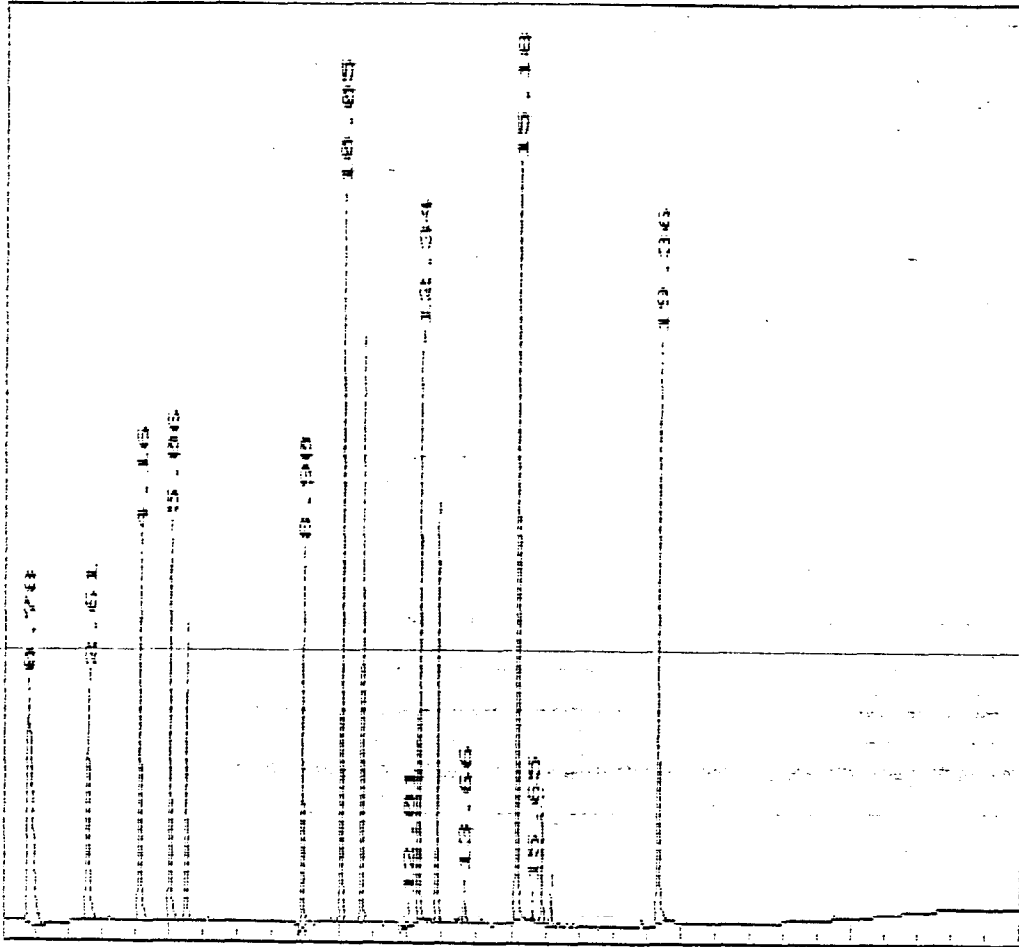
TOTAL AMOUNT = 537.7500

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME.	REFERENCE PEAK
Aldrin	6.20	TOX
beta-BHC	7.18	TOX
delta-BHC	7.75	TOX
Heptachlor epoxide	8.20	TOX
gamma-Chlordane	9.20	TOX
alpha-Chlorodane	9.45	TOX
DDE	9.82	TOX
Endosulfan II	12.28	TOX
Endosulfan sulfate	14.83	TOX

000091

Data File = E:\QJ14-3.PTS Printed on 10-15-1994 at 01:22:37
St t time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 17:21:33 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX B 4X Data File: E:\PJ14-4 *
 * Date: 10-14-1994 19:42:32 Method: CLP17 11-08-1994 15:11:31 Version: 3 *
 * Interface: 12 Cycle#: 4 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per: 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.711	TCX	18.5021	4.9561%	217759	42637	5.1 1	0	.5882	8.4966E-05
4	9.803	beta-BHC	19.6019	5.2506%	137858	35516	3.9 1	0	.1706	1.4219E-04
5	11.172	delta-BHC	18.4728	4.9482%	293177	80255	3.7 1	0	0	6.3009E-05
6	.924	Aldrin	18.1683	4.8666%	266825	62906	4.2 1	0	0	6.8091E-05
8	14.128	Heptachlor apoxide	19.6499	5.2635%	241173	59315	4.1 1	0	0	5.1476E-05
9	14.763	gamma-Chlordane	19.2435	5.1546%	259877	64535	4.0 1	0	0	7.4049E-05
10	15.397	alpha-Chlordane	19.3180	5.1746%	267966	63897	4.2 1	0	-1.083	7.2091E-05
11	16.483	DDE	38.3867	10.2824%	432107	114868	3.8 1	0	0	8.8836E-05
12	18.838	Endosulfan II	42.0130	11.2537%	391174	93286	4.2 1	0	0	1.0740E-04
13	20.140	Endrin aldehyde	40.2091	10.7706%	244893	58488	4.2 1	0	0	1.6419E-04
14	20.625	Endosulfan sulfate	39.3708	10.5460%	334781	78748	4.3 1	0	0	1.1760E-04
16	23.564	Endrin Ketone	40.3657	10.8125%	348911	82603	4.2 1	0	0	1.1569E-04
17	27.906	DCB	40.0227	10.7206%	329164	66038	5.0 1	0	-.0598	1.2159E-04

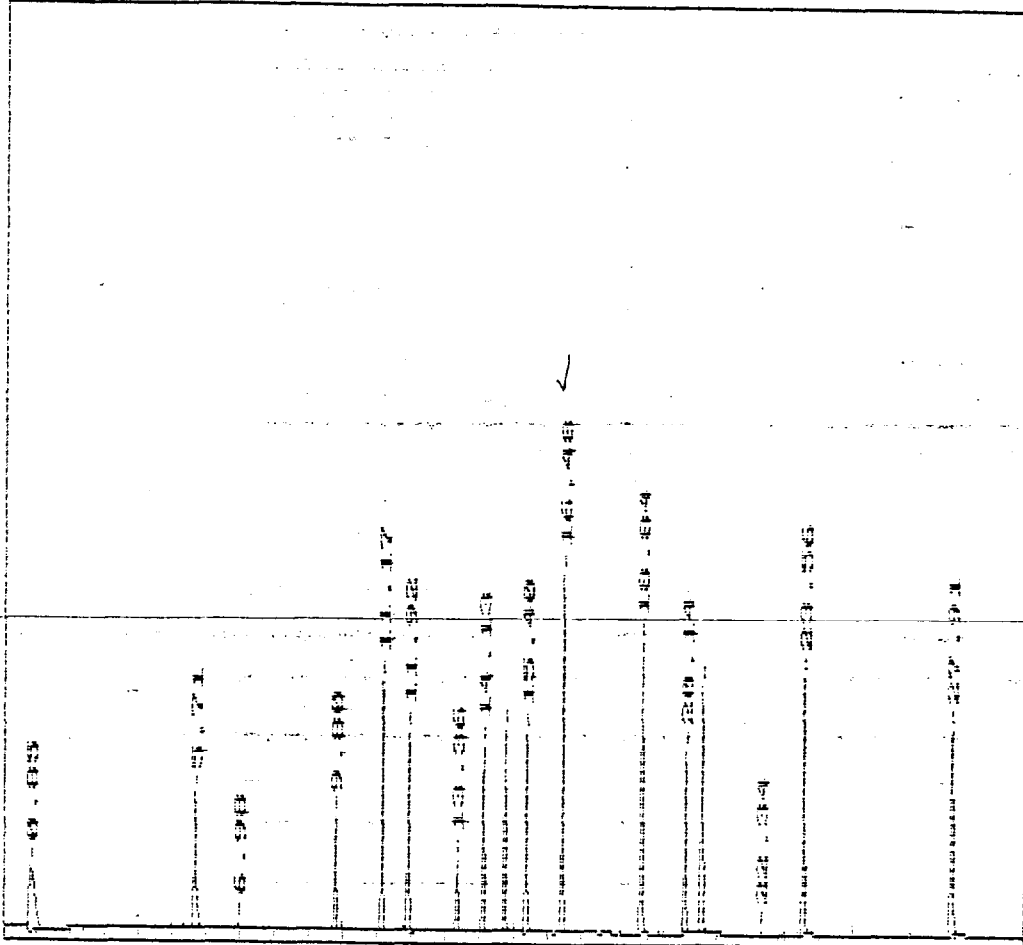
TOTAL AMOUNT = 373.3244

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
Heptachlor	10.67	TCX
Endosulfan I	15.50	TCX
Dieldrin	16.68	TCX
Endrin	18.08	TCX
DDD	18.67	TCX
DDT	19.84	TCX
Methoxychlor	23.28	TCX

000093

Areas, times, and heights stored in: E:\PJ14-4.ATB
D File = E:\PJ14-4.PTS Printed on 10-14-1994 at 20:14:12
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



000094

***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 17:27:14 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX B 4X Data File: E:\QJ14-4 *
 * te: 10-14-1994 19:42:32 Method: DLP17 11-08-1994 17:25:07 Version: 5 *
 * Interface: 12 Cycle#: 4 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.589	TCX	17.9014	4.6913%	296365	50052	5.9 1	0	-5111	6.0403E-05
3	6.179	Aldrin	18.2004	4.7697%	327719	78956	4.2 1	0	-2695	5.5536E-05
4	7.148	beta-BHC	19.0963	5.0045%	180041	49504	3.6 1	0	-4651	1.0607E-04
5	7.732	delta-BHC	18.1469	4.7557%	343700	99097	3.5 1	0	-2155	5.2799E-05
6	8.166	Heptachlor epoxide	19.0304	4.9872%	303978	84760	3.6 1	0	-4073	5.2605E-05
8	8.901	Endosulfan I	0.9931	0.2603%	12105	2723	4.4 2	0	-3738	8.2047E-05
9	9.152	gamma-Chlordane	19.2507	5.0449%	313275	85274	3.7 2	0	-5444	5.1450E-05
10	9.402	alpha-Chlorodane	19.3100	5.0604%	314028	90207	3.5 2	0	-5300	6.1491E-05
11	7.786	DDE	39.0290	10.2281%	550780	150993	3.6 1	0	-3401	7.0861E-05
12	10.989	Endrin	1.1205	0.2936%	9407	2450	3.8 1	0	2.492	1.1911E-04
14	12.308	Endosulfan II	40.4420	10.5984%	492130	144034	3.4 1	0	0	8.2178E-05
15	13.661	Endrin aldehyde	42.8904	11.2400%	363481	59600	6.1 1	0	-4866	1.1800E-04
16	14.763	Endosulfan sulfate	40.8382	10.7022%	471536	123169	3.8 1	0	-4504	8.6607E-05
17	15.915	Endrin Ketone	43.1195	11.3001%	462563	127008	3.6 1	0	-4179	9.3219E-05
18	19.355	DCB	42.2174	11.0637%	496402	122102	4.1 1	0	-3434	8.5047E-05

TOTAL AMOUNT = 381.5863

PEAKS NOT FOUND IN THIS RUN

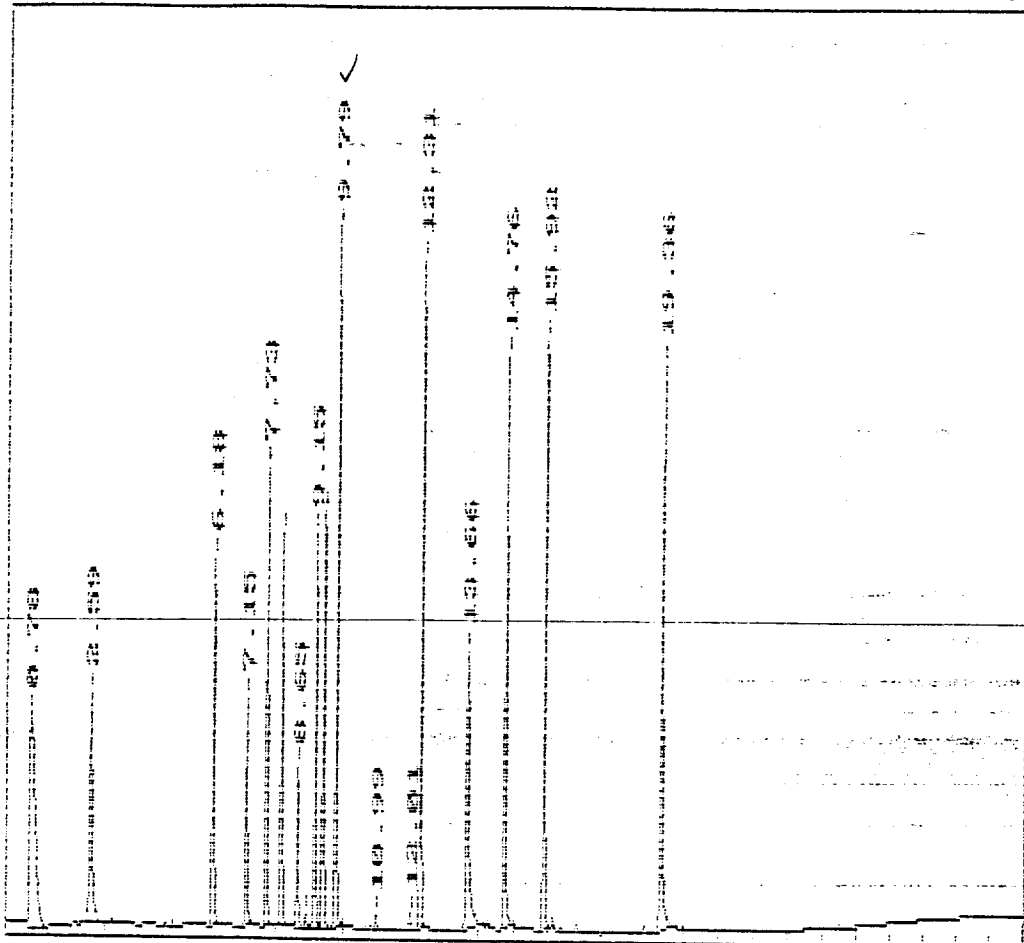
NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Dieldrin	10.10	TCX
DDD	12.34	TCX
DDT	12.93	TCX
Methoxychlor	15.23	TCX

Areas, times, and heights stored in: E:\QJ14-4.ATB

Da File = E:\QJ14-4.PTS Printed on 10-14-1994 at 20:14:56

Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts

Full Range: 200 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 17:29:26 Version 5.2.0 *****

* Sample Name: WS39-01/ MIX A 4X Data File: E:\PJ14-15 *

* Date: 10-15-1994 01:55:07 Method: CLP17 11-08-1994 15:11:31 Version: 3 *

* Interface: 12 Cycle#: 15 Operator: SC Channel: A Vial#: N.A. *

* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *

* Solvent Description: HE *

* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *

* Detector 0: ECD Detector 1: ECD *

* Misc. Information: LPT1: * *

Starting Delay: 0.00 Finding retention time: 30.00

Area reject: 0 One sample per 1.002 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.711	TCX	16.9533	3.0477*	199530	39656	5.0	1	0	.5882	8.4966E-05
4	8.066	alpha-BHC	18.1609	3.2648*	272155	65346	4.2	1	0	.2974	6.6730E-05
5	9.502	gamma-BHC	18.9343	3.4039*	259036	66281	3.9	1	0	.3527	7.3095E-05
6	10.688	Heptachlor	18.2224	3.2759*	194407	46214	4.2	1	0	.1564	9.3733E-05
8	15.481	Endosulfan I	24.0137	4.3170*	227827	50812	4.5	1	0	-.1077	1.0540E-04
9	16.683	Dieldrin	42.8330	7.7002*	386585	95890	4.0	1	0	0	1.1080E-04
11	18.103	Endrin	46.3695	8.3360*	285213	70011	4.1	1	0	.1260	1.6258E-04
12	19.654	DDD	45.1269	8.1126*	298848	76253	3.9	1	0	0	1.5100E-04
13	19.923	DDT	44.1515	7.9372*	263716	58377	4.5	2	0	0	1.6742E-04
14	20.140	Endrin aldehyde	3.5568	0.6394*	21663	4976	4.4	2	0	0	1.6419E-04
15	20.508	Endosulfan sulfate	0.6919	0.1244*	5884	1237	4.8	1	0	-.5668	1.1760E-04
18	23.263	Methoxychlor	231.6178	41.6385*	469341	105867	4.4	2	0	0	4.9350E-04
19	23.564	Endrin Ketone	8.6263	1.5508*	74563	16790	4.4	2	0	0	1.1569E-04
21	27.889	DCB	37.0000	6.6516*	304304	63508	4.8	1	0	-.1196	1.2159E-04

TOTAL AMOUNT = 556.2583

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET TIME	REFERENCE PEAK
beta-BHC	9.79	TCX
delta-BHC	11.17	TCX
Aldrin	11.92	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	14.75	TCX
alpha-Chlordane	15.41	TCX
DDE	16.48	TCX
Endosulfan II	18.84	TCX

000097

***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 17:33:45 Version 5.2.0 *****

* Sample Name: WS39-01/MIX A 4X Data File: E:\QJ14-15 *
 * Date: 10-15-1994 01:55:07 Method: DLP17 11-08-1994 17:25:07 Version: 5 *
 * Interface: 12 Cycle#: 15 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DR1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECU Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.605	TCX	15.8316	2.8523%	262098	45438	5.8 1	0	.1306	6.0403E-05
3	4.158	alpha-BHC	17.4412	3.1423%	324683	72942	4.5 1	0	.4032	5.3718E-05
4	5.060	gamma-BHC	18.4046	3.3158%	315913	75188	4.2 1	0	.3311	5.8075E-05
5	5.528	Heptachlor	19.4931	3.5119%	239410	55320	4.3 1	0	-.3012	8.1421E-05
6	8.901	Endosulfan I	22.2619	4.0108%	271332	72478	3.7 1	0	-.3738	8.2047E-05
7	10.053	Dieldrin	41.5612	7.4878%	493198	140565	3.5 1	0	-.4958	8.4269E-05
8	10.571	Endrin	44.9879	8.1052%	377696	114019	3.3 1	0	-.4672	1.1911E-04
10	12.341	DDD	45.9556	8.2795%	391253	114687	3.4 1	0	.0105	1.1746E-04
11	12.876	DDT	44.6165	8.0383%	297635	78675	3.8 1	0	-.3875	1.4990E-04
12	13.661	Endrin aldehyde	2.5185	0.4537%	21344	4451	4.8 1	0	-.4866	1.1800E-04
13	15.164	Methoxychlor	236.1520	42.5460%	642618	159646	4.0 1	0	-.4385	3.6748E-04
15	15.915	Endrin Ketone	8.1533	1.4689%	87464	24139	3.6 2	0	-.4179	9.3219E-05
17	19.355	DCB	37.6734	6.7874%	442972	111044	4.0 1	0	-.3439	8.5047E-05

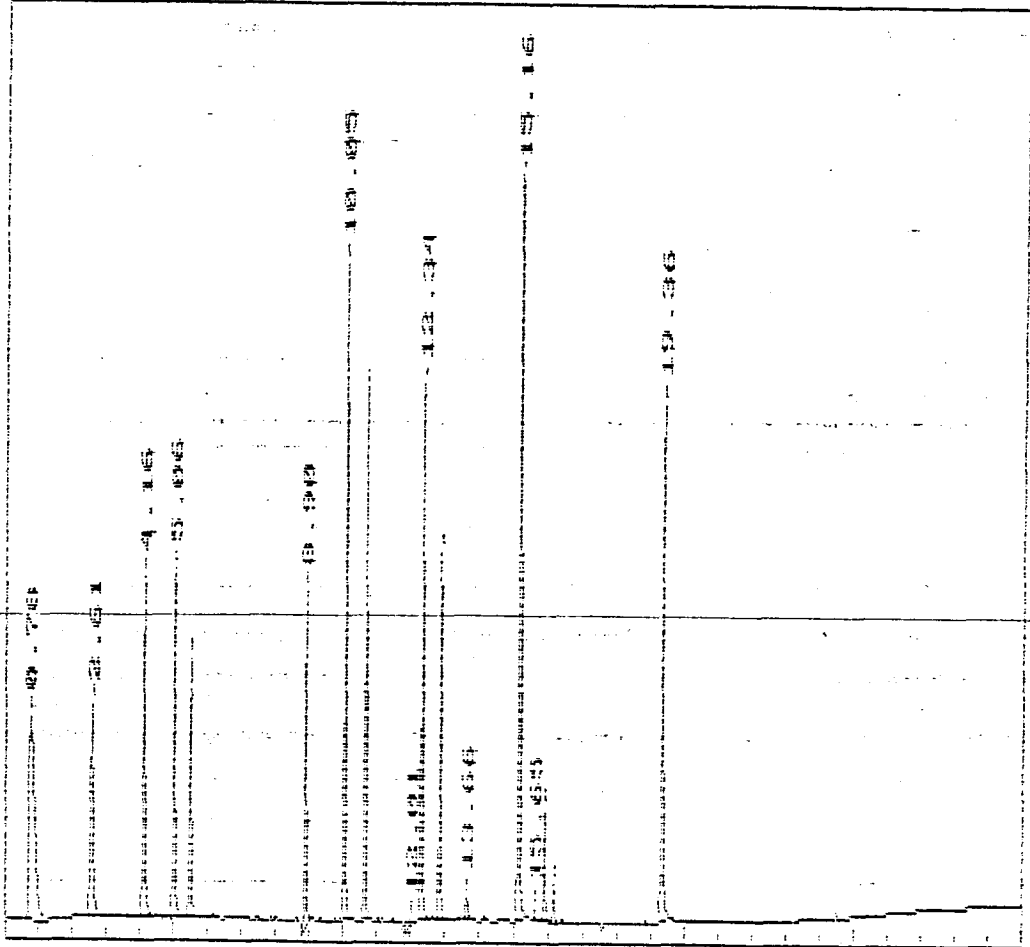
TOTAL AMOUNT = 556.0507

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME.	REFERENCE PEAK
Aldrin	6.20	TCX
beta-BHC	7.18	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
DDE	9.82	TCX
Endosulfan II	12.30	TCX
Endosulfan sulfate	14.83	TCX

000099

Areas, times, and heights stored in: E:\QJ14-15.ATB
Date: File = E:\QJ14-15.PTS Printed on 10-15-1994 at 02:27:40
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000100

Areas, times, and heights stored in: E:\PJ14-15.ATB

***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 17:30:20 Version 5.2.0 *****
* Sample Name: WS39-01/ MIX B 4X Data File: E:\PJ14-16 *
* Date: 10-15-1994 02:28:40 Method: CLP17 11-08-1994 15:11:31 Version: 3 *
* Interface: 12 Cycle#: 16 Operator: SC Channel: A Vial#: N.A. *
* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *
* Solvent Description: HE *
* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
* Detector 0: ECD Detector 1: ECD *
* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.002 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC.	AREA	HEIGHT	AREA/ HEIGHT 8L	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.711	TCX	17.8092	4.9615%	209603	41541	5.0 1	0	.5882	8.4966E-05
4	9.803	beta-BHC	18.7088	5.2121%	131578	33889	3.9 1	0	.1706	1.4219E-04
5	11.172	delta-BHC	17.5021	4.8759%	277771	76515	3.6 1	0	0	6.3009E-05
6	11.924	Aldrin	17.9596	5.0034%	263759	60584	4.4 1	0	0	6.8091E-05
9	14.128	Heptachlor epoxide	18.7521	5.2242%	230154	56580	4.1 1	0	0	8.1476E-05
10	14.763	gamma-Chlordane	18.4079	5.1283%	248592	61569	4.0 1	0	0	7.4049E-05
11	15.397	alpha-Chlordane	19.0980	5.3206%	264914	62293	4.3 1	0	-1.083	7.2091E-05
12	16.483	DOE	36.6859	10.2204%	412962	108103	3.8 1	0	0	8.8836E-05
13	18.838	Endosulfan II	40.2585	11.2157%	374838	88382	4.2 1	0	0	1.0740E-04
14	20.140	Endrin aldehyde	38.3079	10.6723%	233314	54429	4.3 1	0	0	1.6419E-04
15	20.608	Endosulfan sulfata	37.5416	10.4588%	319227	76015	4.2 1	0	0	1.1760E-04
18	23.564	Endrin Ketone	38.7267	10.7890%	334744	80973	4.1 1	0	0	1.1569E-04
19	27.889	DCB	39.1889	10.9177%	322307	66916	4.8 1	0	-1.196	1.2159E-04

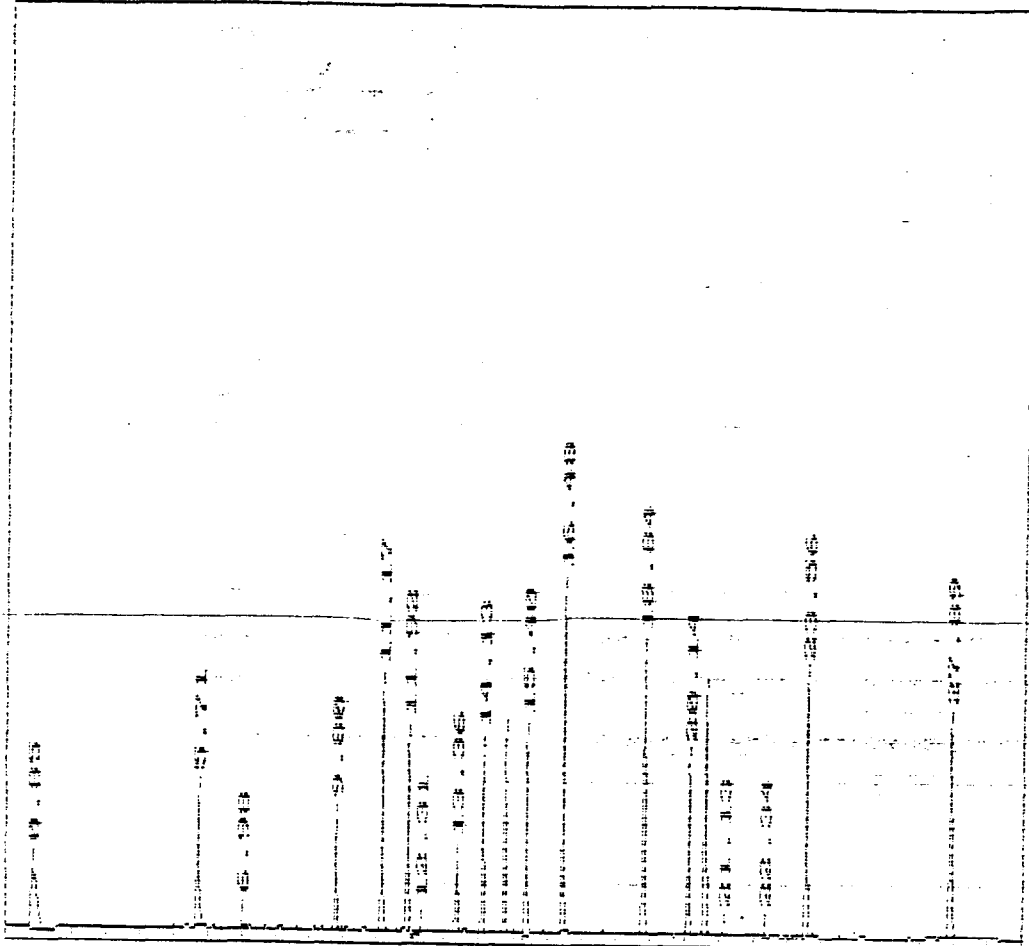
TOTAL AMOUNT = 358.9471

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
Heptachlor	10.67	TCX
Endosulfan I	15.50	TCX
Dieldrin	16.68	TCX
Endrin	18.08	TCX
DDD	18.67	TCX
DDT	19.84	TCX
Methoxychlor	23.28	TCX

000101

Areas, times, and heights stored in: E:\PJ14-16.AIB
Data File = E:\PJ14-16.PTS Printed on 10-15-1994 at 03:00:25
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 17:36:48 Version 5.2.0 *****

* Sample Name: WS39-01/ MIX B 4X Data File: E:\NJ14-16

* Date: 10-15-1994 02:28:40 Method: DLP17-11-08-1994 17:25:07 Version: 5

* Interface: 12 Cycle#: 16 Operator: SC Channel: B Vial#: N.A.

* Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000

* Instrument Type: GC#3 Column Type: DB1701 DB608

* Solvent Description: HE

* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min

* Detector 0: ECD Detector 1: ECD

* Misc. Information: LPT1: *

Starting Delay: 0.00 Ending retention time: 30.00

Area reject: 0 One sample per 1.002 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

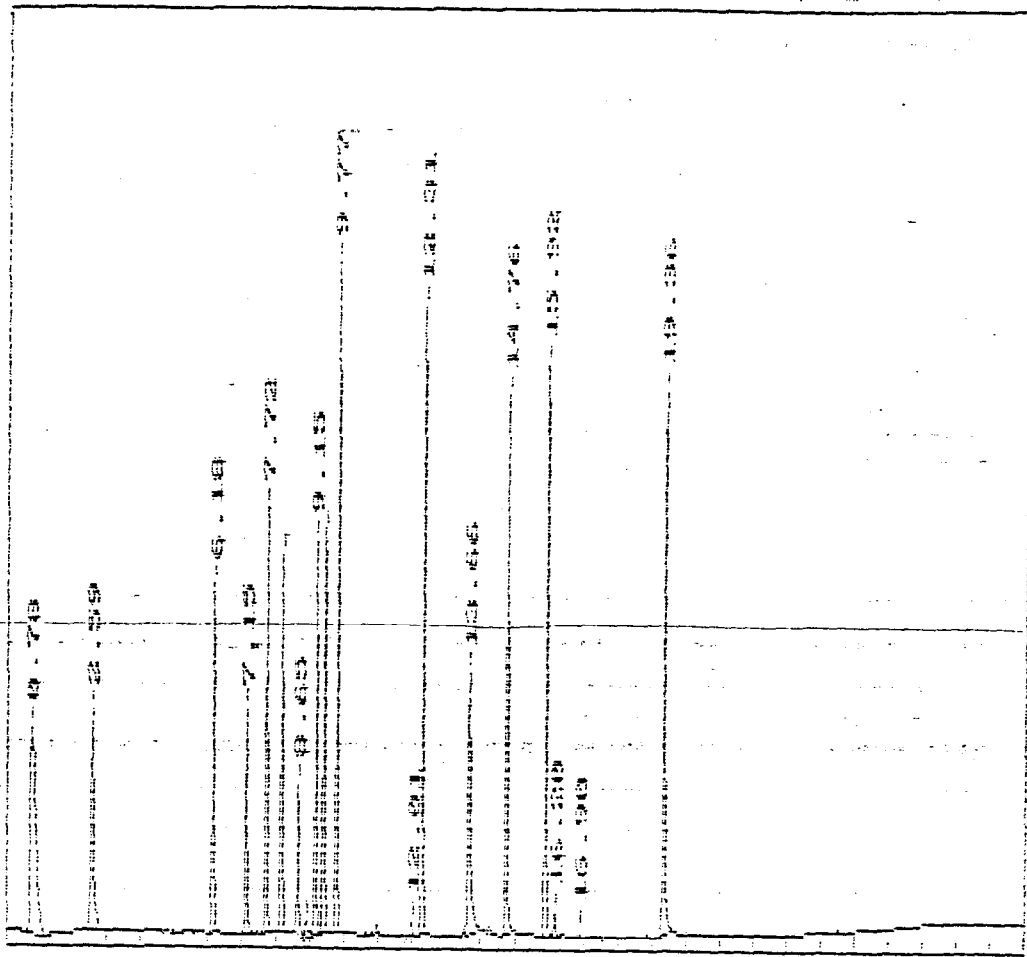
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT BE	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.589	TCX	16.8604	4.4576%	279130	47463	5.9 1	0	-5.111	6.0403E-05
3	6.179	Aldrin	19.2861	5.0989%	347264	74980	4.6 1	0	-2.2545	5.5536E-05
4	7.148	beta-BHC	22.2699	5.8878%	209462	47884	4.4 1	0	-4.651	1.0607E-04
5	7.715	delta-BHC	18.2979	4.8376%	346540	41160	3.8 1	0	-4.310	5.2799E-05
6	8.155	Heptachlor epoxide	18.8419	4.9814%	300966	79896	3.8 1	0	-4.073	6.2505E-05
8	8.901	Endosulfan I	1.9501	0.5156%	23768	3751	6.3 2	0	-3.738	8.2047E-05
9	9.152	gamma-Chlordane	19.6814	5.2034%	320295	84274	3.8 2	0	-5.444	6.1450E-05
10	10.402	alpha-Chlordane	19.6488	5.1948%	314538	86646	3.7 2	0	-5.300	6.1491E-05
11	11.769	DOE	37.4995	9.9142%	529195	143838	3.7 1	0	-5.102	7.0861E-05
13	12.308	Endosulfan II	39.9407	10.5596%	486030	134659	3.6 1	0	0	8.2178E-05
14	13.661	Endrin aldehyde	42.7028	11.2898%	361891	56121	6.4 1	0	-4.864	1.1800E-04
15	14.763	Endosulfan sulfate	39.9850	10.5713%	461685	115398	4.0 1	0	-4.504	8.6607E-05
16	15.915	Endrin ketone	41.3356	10.9284%	443426	122278	3.6 2	0	-4.179	9.3219E-05
19	19.355	DGB	39.9408	10.5596%	464633	116374	4.0 1	0	-3.439	8.5047E-05

TOTAL AMOUNT = 378.2409

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Dieldrin	10.10	TCX
Endrin	10.72	TCX
DDD	12.34	TCX
DDT	12.93	TCX
Methoxychlor	15.23	TCX

As, times, and heights stored in: E:\QJ14-16.ATB
Data File = E:\QJ14-16.PTS Printed on 10-15-1994 at 03:01:12
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



QC DATA

ID

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PBLK01

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/mL) G
 % Moisture: 0 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J043
 Lab Sample ID: J043-B1S
 Lab File ID: PJ14-5
 Date Received: NA
 Date Extracted: 10/14/94
 Date Analyzed: 10-14-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

319-84-6	alpha-BHC	1.70	U
319-85-7	beta-BHC	1.70	U
319-86-8	delta-BHC	1.70	U
58-89-9	gamma-BHC (Lindane)	0.26	JP
76-44-8	Heptachlor	1.70	U
309-00-2	Aldrin	1.70	U
1024-57-3	Heptachlor epoxide	1.70	U
959-98-8	Endosulfan I	1.70	U
60-57-1	Dieldrin	3.30	U
-55-9	4,4'-DDE	3.30	U
-20-8	Endrin	3.30	U
33213-65-9	Endosulfan II	3.30	U
72-54-8	4,4'-DDD	3.30	U
1031-07-8	Endosulfan sulfate	3.30	U
50-29-3	4,4'-DDT	3.30	U
72-43-5	Methoxychlor	16.70	U
53494-70-5	Endrin ketone	3.30	U
7421-36-3	Endrin aldehyde	3.30	U
5103-71-9	alpha-Chlordane	1.70	U
5103-74-2	gamma-Chlordane	1.70	U
8001-35-2	Toxaphene	170.00	U
12674-11-2	Aroclor-1016	33.00	U
11104-28-2	Aroclor-1221	67.00	U
11141-16-5	Aroclor-1232	33.00	U
53469-21-9	Aroclor-1242	33.00	U
12672-29-6	Aroclor-1248	33.00	U
11097-69-1	Aroclor-1254	33.00	U
11096-82-5	Aroclor-1260	33.00	U

FORM I PEST

3/90

000105

10A

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

PBLK01

Lab Name: CKY Inc
Lab Code: Case No.:
Lab Sample ID : J043-B1S
Instrument ID (1): GC3
GC Column(1): DB608 ID: 0.32 (mm)

Contract:
SAS No.: SDG No.: 94J043
Date(s) Analyzed: 10-14-1994 10-14-1994
Instrument ID (2): GC3
GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
gamma-BHC (Lindane)	1	9.50	9.44	9.58	0.40	
	2	5.06	5.01	5.15	0.26	52.9

PESTICIDE ORGANICS ANALYSIS DATA SHEET

LCS01

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 0 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J043
 Lab Sample ID: J043-LIS
 Lab File ID: PJI4-6
 Date Received: NA
 Date Extracted: 10/14/94
 Date Analyzed: 10-14-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
319-84-6	alpha-BHC	1.70		U
319-85-7	beta-BHC	1.70		U
319-86-8	delta-BHC	1.70		U
58-89-9	gamma-BHC (Lindane)	9.91		
76-44-8	Heptachlor	9.07		
309-00-2	Aldrin	7.76		
1024-57-3	Heptachlor epoxide	1.70		U
959-98-8	Endosulfan I	1.70		U
60-57-1	Dieldrin	24.29		
72-55-9	4,4'-DDE	3.30		U
72-20-8	Endrin	25.97		
3 13-65-9	Endosulfan II	3.30		U
72-54-8	4,4'-DDD	2.74		J
1031-07-8	Endosulfan sulfate	3.30		U
50-29-3	4,4'-DDT	23.14		
72-43-5	Methoxychlor	17.00		U
53494-70-5	Endrin ketone	1.92		J
7421-36-3	Endrin aldehyde	0.79		J
5103-71-9	alpha-Chlordane	1.70		U
5103-74-2	gamma-Chlordane	1.70		U
8001-35-2	Toxaphene	170.00		U
12674-11-2	Aroclor-1016	33.00		U
11104-28-2	Aroclor-1221	67.00		U
11141-16-5	Aroclor-1232	33.00		U
53469-21-9	Aroclor-1242	33.00		U
12672-29-6	Aroclor-1248	33.00		U
11097-69-1	Aroclor-1254	33.00		U
11096-82-5	Aroclor-1260	33.00		U

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

LCS01

Lab Name: CKY Inc

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 94J043

Lab Sample ID : J043-LIS

Date(s) Analyzed: 10-14-1994 10-14-1994

Instrument ID (1): GC3

Instrument ID (2): GC3

GC Column(1): DB608 ID: 0.32 (mm)

GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
gamma-BHC (Lindane)	1	9.49	9.44	9.58	10.03	
	2	5.04	5.01	5.15	9.91	1.3 1.2 MA
Heptachlor	1	10.67	10.63	10.77	9.07	
	2	5.53	5.49	5.63	9.52	4.9 5.0 MA
Aldrin	1	11.91	11.87	12.01	7.76	
	2	6.16	6.15	6.29	7.98	2.8 ✓ MA
Dieldrin	1	16.67	16.64	16.78	24.29	
	2	10.05	10.06	10.20	24.95	2.7 ✓ MA
Endrin	1	18.09	18.06	18.20	25.97	
	2	10.65	10.67	10.81	26.95	3.8 ✓ MA
4,4'-DDD	1	18.65	18.62	18.76	2.74	
	2	12.34	12.34	12.48	2.76	0.6 0.7 MA
4,4'-DDT	1	19.81	19.77	19.91	23.86	
	2	12.86	12.88	13.02	23.14	3.1 ✓ MA
Endrin ketone	1	23.56	23.53	23.67	1.92	
	2	15.92	15.93	16.07	2.13	11.0 10.9 MA
Endrin aldehyde	1	20.12	20.09	20.23	0.79	
	2	13.66	13.67	13.81	0.89	13.4 12.7 MA

Output redirected to LPT1:

J043-B1S Processed: 10-14-1994 20:46:10, Segment 5, Cycle 5

RAW DATA SAVED IN FILE E:\PJ14-5.PTS Second Channel Stored in E:\QJ14-5.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 20:47:30 Version 5.2.0 *****

* Sample Name: J043-B1S Data File: E:\PJ14-5 *

* Date: 10-14-1994 20:16:09 Method: CLP17 10-12-1994 12:28:01 Version: 2*

* Interface: 12 Cycle#: 5 Operator: SC Channel: A Vial#: N.A. *

* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *

* Solvent Description: HE *

* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *

* Detector 0: ECD Detector 1: ECD *

* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00

Area reject: 0 One sample per 1.002 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	5.711	TCX	14.5044	21.3343%	170708	33760	5.1 1	0	.5882	8.4966E-05
6	9.502	gamma-BHC	1.3185	1.9393%	18038	576	31.3 1	0	.3527	7.3095E-05
7	10.037	beta-BHC	3.1942	4.6984%	22465	2699	8.3 1	0	2.559	1.4219E-04
9	12.091	Aldrin	6.4068	9.4236%	94092	21938	4.3 1	0	1.400	6.8091E-05
10	16.199	DDE	0.9164	1.3478%	10315	735	14.0 1	0	-1.722	8.8836E-05
11	19.806	DDT	0.6725	0.9892%	4017	1046	3.8 1	0	-.1683	1.6742E-04
12	20.508	Endosulfan sulfate	1.0362	1.5241%	8811	2329	3.8 1	0	-.5668	1.1760E-04
14	22.879	Methoxychlor	2.6900	3.9567%	5451	825	6.6 1	0	-1.721	4.9350E-04
15	27.889	DCB	37.2473	54.7865%	306338	64603	4.7 1	0	-.1196	1.2159E-04

TOTAL AMOUNT = 67.9863

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
Heptachlor	10.67	TCX
delta-BHC	11.17	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	15.23	TCX
alpha-Chlordane	15.41	TCX
Endosulfan I	15.50	TCX
Dieldrin	16.68	TCX
Endrin	18.08	TCX
DDD	18.67	TCX
Endosulfan II	18.84	TCX
Endrin aldehyde	20.16	TCX
Endrin Ketone	23.58	TCX

000109

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 20:48:14 Version 5.2.0 *****
 * Sample Name: J043-B1S Data File: E:\QJ14-5 *
 * Date: 10-14-1994 20:16:09 Method: DLP17 10-14-1994 03:51:55 Version: 3*
 * Interface: 12 Cycle#: 5 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	2.589	TCX	13.6147	16.7104%	225397	39245	5.7	1	0	.6493	6.0403E-05
5	5.060	gamma-BHC	0.8374	1.1508%	14420	1748	8.3	1	0	.3311	5.8075E-05
6	5.528	Heptachlor	1.9136	2.6298%	23502	1827	12.9	1	0	-.3012	8.1421E-05
7	7.164	beta-BHC	10.1711	13.9779%	95893	23795	4.0	1	0	-.2325	1.0607E-04
8	13.510	Endrin aldehyde	1.0484	1.4406%	8685	2782	3.2	1	0	-1.581	1.1800E-04
9	15.564	Methoxychlor	6.4779	8.9024%	17628	4270	4.1	1	0	2.192	3.6748E-04
10	19.355	DCB	38.7025	53.1880%	455073	113924	4.0	1	0	-.3439	8.5047E-05

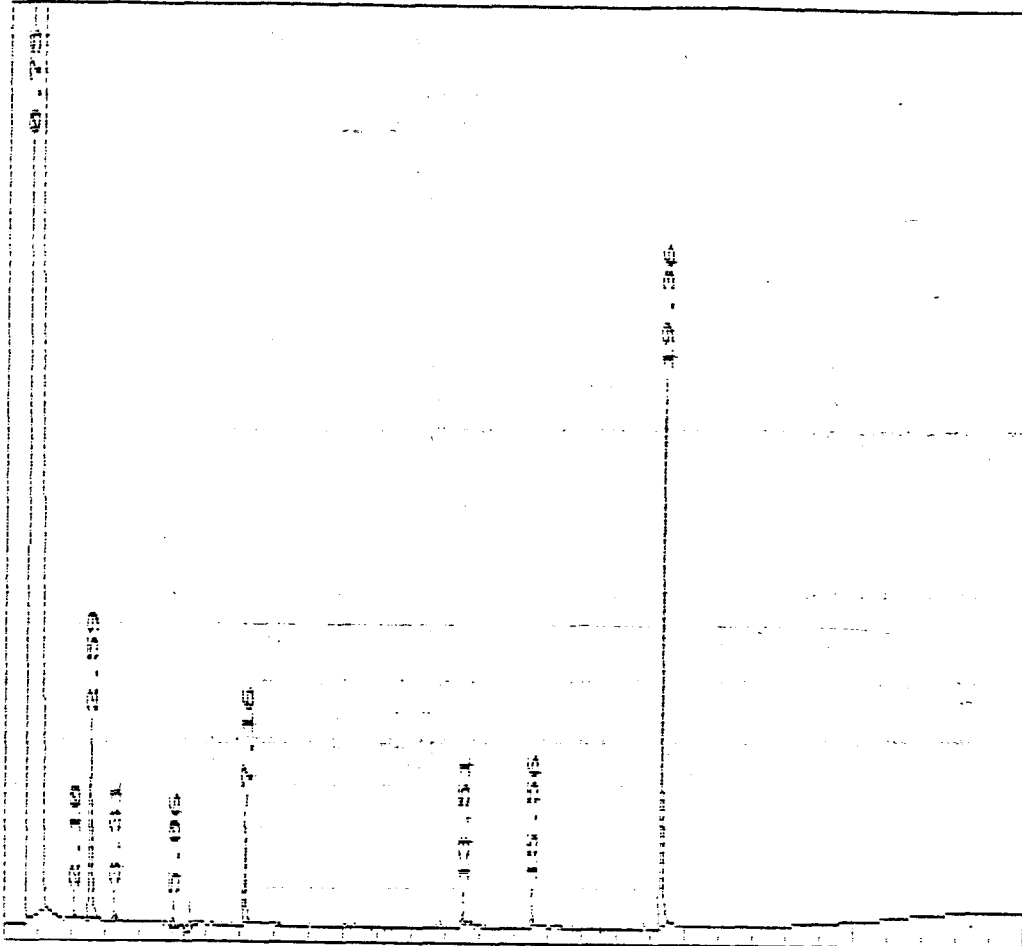
TOTAL AMOUNT = 72.7656

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME	REFERENCE PEAK
alpha-BHC	4.14	TCX
Aldrin	6.20	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan I	8.93	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
DDE	9.82	TCX
Dieldrin	10.10	TCX
Endrin	10.72	TCX
Endosulfan II	12.28	TCX
DDD	12.32	TCX
DDT	12.93	TCX
Endosulfan sulfate	14.83	TCX
Endrin Ketone	15.98	TCX

000111

Arms, times, and heights stored in: E:\QJ14-5.ATB
Data File = E:\QJ14-5.PTS Printed on 10-14-1994 at 20:48:31
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000112

Output redirected to LPT1:
 J043-L1S Processed: 10-14-1994 21:19:47, Segment 6, Cycle 6
 RAW DATA SAVED IN FILE E:\PJ14-6.PTS Second Channel Stored in E:\QJ14-6.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 21:21:08 Version 5.2.0 *****
 * Sample Name: J043-L1S Data File: E:\PJ14-6 *
 * Date: 10-14-1994 20:49:46 Method: CLP17 10-12-1994 12:28:01 Version: 2*
 * Interface: 12 Cycle#: 6 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.695	TCX	18.1507	4.0373%	213622	41883	5.1 1	0	.2941	8.4966E-05
4	9.486	gamma-BHC	33.2813	7.4029%	455314	107310	4.2 1	0	.1763	7.3095E-05
5	10.037	beta-BHC	4.2095	0.9363%	29605	3948	7.5 1	0	2.559	1.4219E-04
7	10.571	Heptachlor	31.8029	7.0740%	339292	76845	4.4 2	0	0	9.3733E-05
8	11.122	delta-BHC	0.2281	0.0507%	3621	875	4.1 1	0	-.4484	6.3009E-05
10	11.907	Aldrin	25.3946	5.6486%	372951	85971	4.3 2	0	-.1400	6.8091E-05
13	15.698	Endosulfan I	0.5675	0.1262%	5384	1129	4.8 2	0	1.293	1.0540E-04
16	16.466	ODE	0.3294	0.0733%	3708	950	3.9 2	0	-.1013	8.8836E-05
17	16.667	Dieldrin	87.9439	19.5617%	793728	192210	4.1 2	0	-.1001	1.1080E-04
19	18.086	Endrin	101.1339	22.4956%	622063	150518	4.1 2	0	0	1.6258E-04
20	18.654	DDD	9.7990	2.1796%	64893	17291	3.8 1	0	0	1.5100E-04
21	19.806	OOT	91.0015	20.2418%	543550	140260	3.9 2	0	-.1683	1.6742E-04
22	20.123	Endrin aldehyde	2.7765	0.6176%	16910	4163	4.1 2	0	-.1657	1.6419E-04
24	20.725	Endosulfan sulfate	1.4496	0.3224%	12327	2835	4.3 2	0	.4858	1.1760E-04
25	23.564	Endrin Ketone	6.6832	1.4866%	57768	14031	4.1 1	0	0	1.1569E-04
26	27.872	OCB	34.8204	7.7452%	286379	59958	4.8 1	0	-.1794	1.2159E-04

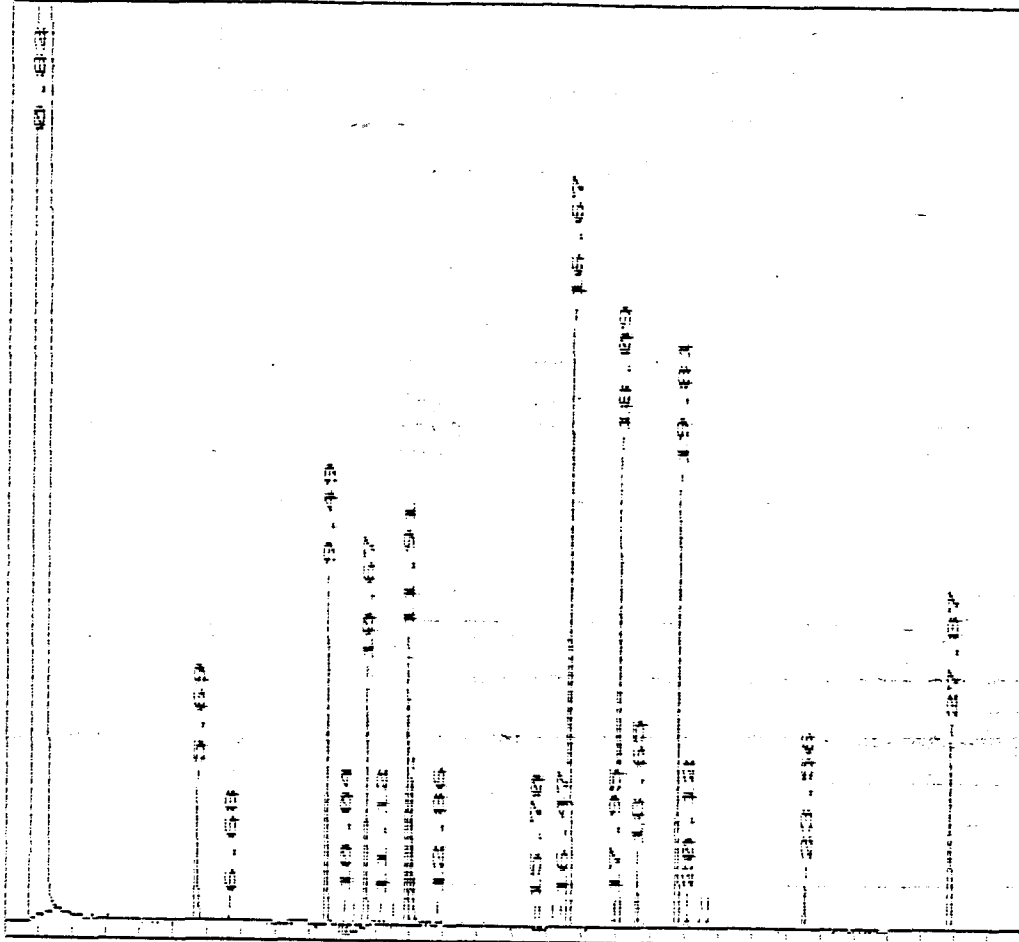
TOTAL AMOUNT = 449.5721

PEAKS NOT FOUND IN THIS RUN:

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	8.05	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	15.23	TCX
alpha-Chlordane	15.41	TCX
Endosulfan II	18.84	TCX
Methoxychlor	23.28	TCX

000113

ARs, times, and heights stored in: E:\PJ14-6.ATB
Data File = E:\PJ14-6.PTS Printed on 10-14-1994 at 21:21:26
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 21:21:53 Version 5.2.0 *****
 * Sample Name: J043-L1S Data File: E:\QJ14-6 *
 * Date: 10-14-1994 20:49:46 Method: DLP17 10-14-1994 03:51:55 Version: 3 *
 * Interface: 12 Cycle#: 6 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT 8L	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.589	TCX	16.8102	3.5188%	278299	48699	5.7 1	0	.6493	6.0403E-05
3	5.043	gamma-BHC	31.9083	6.6792%	549437	131319	4.2 1	0	0	5.8075E-05
4	.528	Heptachlor	32.3846	6.7789%	397741	91735	4.3 1	0	-.3012	8.1421E-05
5	6.162	Aldrin	26.3170	5.5088%	473869	119237	4.0 1	0	-.5390	5.5536E-05
6	7.164	beta-BHC	27.9424	5.8491%	263443	60423	4.4 1	0	-.2325	1.0607E-04
7	10.053	Dieldrin	88.3202	18.4877%	1048077	299981	3.5 1	0	-.4958	8.4269E-05
8	10.555	Endrin	103.6914	21.7053%	870541	250636	3.5 1	0	-.6230	1.1911E-04
9	12.341	DDD	9.9049	2.0733%	84327	23246	3.6 1	0	.1322	1.1746E-04
10	12.859	DDT	91.2475	19.1005%	608709	180611	3.4 1	0	-.5167	1.4990E-04
12	13.561	Endrin aldehyde	3.0802	0.6448%	26104	4918	5.3 2	0	-.4866	1.1800E-04
13	15.548	Methoxychlor	2.5343	0.5305%	6896	1815	3.8 1	0	2.083	3.6748E-04
14	15.915	Endrin Ketone	7.4034	1.5497%	79420	22107	3.6 1	0	-.4179	9.3219E-05
15	19.339	DCB	36.1797	7.5733%	425409	110878	3.8 1	0	-.4299	8.5047E-05

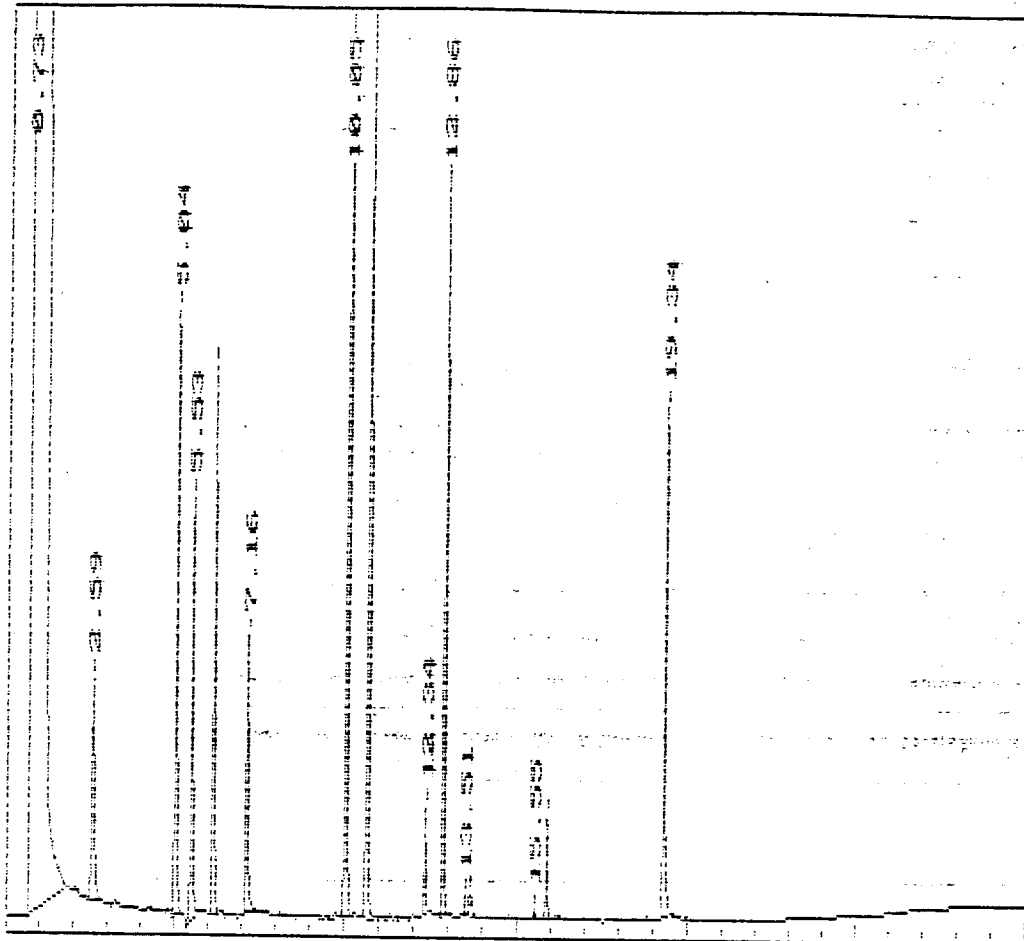
TOTAL AMOUNT = 477.7241

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan I	8.93	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
DDE	9.82	TCX
Endosulfan II	12.28	TCX
Endosulfan sulfate	14.83	TCX

000115

Ar s, times, and heights stored in: E:\QJ14-6.ATB
Data File = E:\QJ14-6.PTS Printed on 10-14-1994 at 21:22:11
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000116

Output redirected to LPT1:

J043-L1D Processed: 10-14-1994 21:53:25, Segment 7, Cycle 7

RAW DATA SAVED IN FILE E:\PJ14-7.PTS Second Channel Stored in E:\QJ14-7.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 21:54:45 Version 5.2.0 *****
* Sample Name: J043-L1D Data File: E:\PJ14-7 *
* Date: 10-14-1994 21:23:24 Method: CLP17 10-12-1994 12:28:01 Version: 2*
* Interface: 12 Cycle#: 7 Operator: SC Channel: A Mial#: N.A. *
* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *
* Solvent Description: HE *
* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
* Detector 0: ECD Detector 1: ECD *
* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.002 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.695	TCX	16.7956	3.6156%	197674	39417	5.0 1	0	.2941	8.4966E-05
5	9.486	gamma-BHC	33.0140	7.1069%	451658	106525	4.2 1	0	.1763	7.3095E-05
6	10.037	beta-BHC	4.4533	0.9587%	31320	4240	7.4 1	0	2.559	1.4219E-04
8	10.671	Heptachlor	30.8491	6.6409%	329116	77172	4.3 1	0	0	9.3733E-05
9	11.122	delta-BHC	0.2276	0.0490%	3612	791	4.5 1	0	-1.484	6.3009E-05
11	11.907	Aldrin	25.1108	5.4056%	368784	86539	4.3 2	0	-1.400	6.8091E-05
14	15.698	Endosulfan I	0.4696	0.1011%	4455	987	4.5 1	0	1.293	1.0540E-04
16	16.667	Dieldrin	91.5161	19.7007%	925969	200627	4.1 1	0	-1.001	1.1080E-04
18	18.086	Endrin	109.6587	23.6063%	674498	165301	4.1 2	0	0	1.6258E-04
19	18.654	DDD	9.4714	2.0389%	62723	16454	3.8 1	0	0	1.5100E-04
20	18.904	Endosulfan II	1.0019	0.2157%	9328	2066	4.5 1	0	.3546	1.0740E-04
22	19.806	DDT	94.9559	20.4412%	567169	140598	4.0 2	0	-1.683	1.6742E-04
23	20.123	Endrin aldehyde	2.6795	0.5768%	16319	3966	4.1 2	0	-1.657	1.6419E-04
25	20.725	Endosulfan sulfate	3.8382	0.8262%	32637	7558	4.3 1	0	.4858	1.1760E-04
27	23.547	Endrin Ketone	6.7231	1.4473%	58113	14318	4.1 1	0	-1.416	1.1569E-04
28	27.872	DCB	33.7674	7.2691%	277718	57961	4.8 1	0	-1.794	1.2159E-04

TOTAL AMOUNT = 464.5321

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	15.23	TCX
alp' -Chlordane	15.41	TCX
DDE	16.48	TCX
Methoxychlor	23.28	TCX

000117

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 21:55:31 Version 5.2.0 *****
 * Sample Name: J043-L1D Data File: E:\QJ14-7 *
 * Date: 10-14-1994 21:23:24 Method: DLP17 10-14-1994 03:51:55 Version: 3*
 * Interface: 12 Cycle#: 7 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.605	TCX	22.2848	4.6670%	368934	51715	7.1 2	0	1.298	6.0403E-05
4	5.043	gamma-BHC	31.6832	6.6353%	545561	130755	4.2 1	0	0	5.8075E-05
5	5.328	Heptachlor	32.6576	6.8393%	401094	92649	4.3 1	0	-3.012	8.1421E-05
6	6.162	Aldrin	26.2066	5.4883%	471881	122030	3.9 1	0	-5.390	5.5536E-05
7	7.164	beta-BHC	4.1081	0.8603%	38731	8907	4.3 1	0	-2.325	1.0607E-04
8	10.053	Dieldrin	91.5186	19.1664%	1086032	303732	3.6 1	0	-4.958	8.4269E-05
9	10.655	Endrin	108.7019	22.7650%	912606	268884	3.4 1	0	-6.230	1.1911E-04
10	12.341	DDD	9.7655	2.0452%	83141	22833	3.6 1	0	1.322	1.1746E-04
11	12.859	DDT	95.7455	20.0516%	638714	192976	3.3 1	0	-5.167	1.4990E-04
13	13.661	Endrin aldehyde	4.0560	0.8494%	34373	5784	5.9 2	0	-4.866	1.1800E-04
14	15.548	Methoxychlor	8.1682	1.7106%	22227	5695	3.9 1	0	2.083	3.6748E-04
15	15.915	Endrin Ketone	7.4353	1.5571%	79762	21926	3.6 1	0	-4.179	9.3219E-05
16	19.339	DCB	35.1649	7.3644%	413477	105443	3.9 1	0	-4.299	8.5047E-05

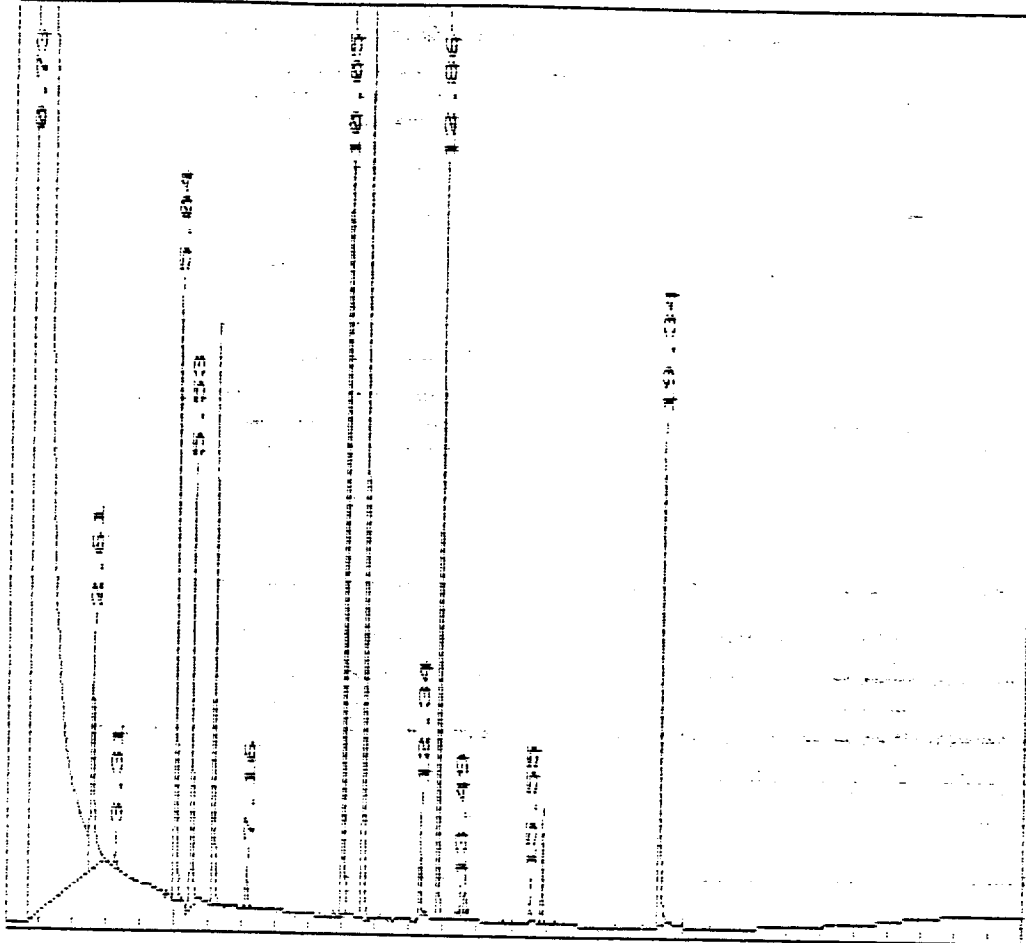
TOTAL AMOUNT = 477.4962

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	4.14	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan I	8.93	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
DDE	9.82	TCX
Endosulfan II	12.28	TCX
Endosulfan sulfate	14.83	TCX

000119

Arms, times, and heights stored in: E:\QJ14-7.ATB
Data File = E:\QJ14-7.PTS Printed on 10-14-1994 at 21:55:49
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



OU. It redirected to LPT1:

JO43-01S Processed: 10-14-1994 23:00:38, Segment 9, Cycle 9

RAW DATA SAVED IN FILE E:\PJ14-9.PTS Second Channel Stored in E:\QJ14-9.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 23:02:00 Version 5.2.0 *****

* Sample Name: JO43-01S Data File: E:\PJ14-9 *

* Date: 10-14-1994 22:30:37 Method: CLP17 10-12-1994 12:28:01 Version: 2*

* Interface: 12 Cycle#: 9 Operator: SC Channel: A Vial#: N.A. *

* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DR1701 DB608 *

* Solvent Description: HE *

* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *

* Detector 0: ECD Detector 1: ECD *

* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00

Area reject: 0 One sample per 1.002 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
15	5.595	TCX	22.0173	0.7040%	259130	52111	5.0 2	0	.2941	8.4966E-05
21	8.266	alpha-BHC	0.6368	0.0204%	9543	2550	3.7 1	0	2.597	6.5730E-05
23	9.486	gamma-BHC	45.9522	1.4694%	628663	140984	4.5 3	0	.1763	7.3095E-05
24	9.569	beta-BHC	14.2045	0.4542%	99899	10420	9.6 4	0	-1.194	1.4219E-04
27	10.671	Heptachlor	43.1636	1.3802%	460495	108735	4.2 1	0	0	9.3733E-05
28	11.206	delta-BHC	1.5454	0.0494%	24526	3387	7.2 1	0	.2989	6.3009E-05
30	11.907	Aldrin	32.8793	1.0514%	482875	112716	4.3 2	0	-1.400	6.8091E-05
35	14.128	Heptachlor epoxide	0.5171	0.0165%	6347	1752	3.6 1	0	0	8.1476E-05
37	15.147	gamma-Chlordane	7.5985	0.2430%	102615	23298	4.4 1	0	-5.482	7.4049E-05
38	15.548	Endosulfan I	9.0054	0.2880%	85438	20823	4.1 1	0	.3232	1.0540E-04
41	16.466	DOE	90.5453	2.8953%	1019243	247803	4.1 2	0	-1.013	8.8836E-05
42	16.667	Dieldrin	113.4386	3.6273%	1023828	228063	4.5 2	0	-1.001	1.1080E-04
48	18.086	Endrin	146.7394	4.6922%	902577	191802	4.7 2	0	0	1.6258E-04
50	18.504	DDD	1003.4106	32.0852%	6644967	973415	6.8 0V	0	-3.577	1.5100E-04
54	19.756	DDT	1515.7012	48.4663%	9053248	973239	9.3 0V	0	.4208	1.6742E-04
55	20.491	Endrin aldehyde	17.0161	0.5441%	103636	9437	11.0 4	0	1.657	1.6419E-04
56	20.725	Endosulfan sulfate	13.7385	0.4393%	116822	19699	5.9 4	0	.4858	1.1760E-04
55	23.196	Methoxychlor	4.0550	0.1297%	8217	1531	5.4 4	0	-3.586	4.9350E-04
67	23.547	Endrin Ketone	4.5122	0.1443%	39003	9104	4.3 2	-0	-1.416	1.1569E-04
77	27.872	OCB	40.6507	1.2999%	334329	71255	4.7 1	0	-1.794	1.2159E-04

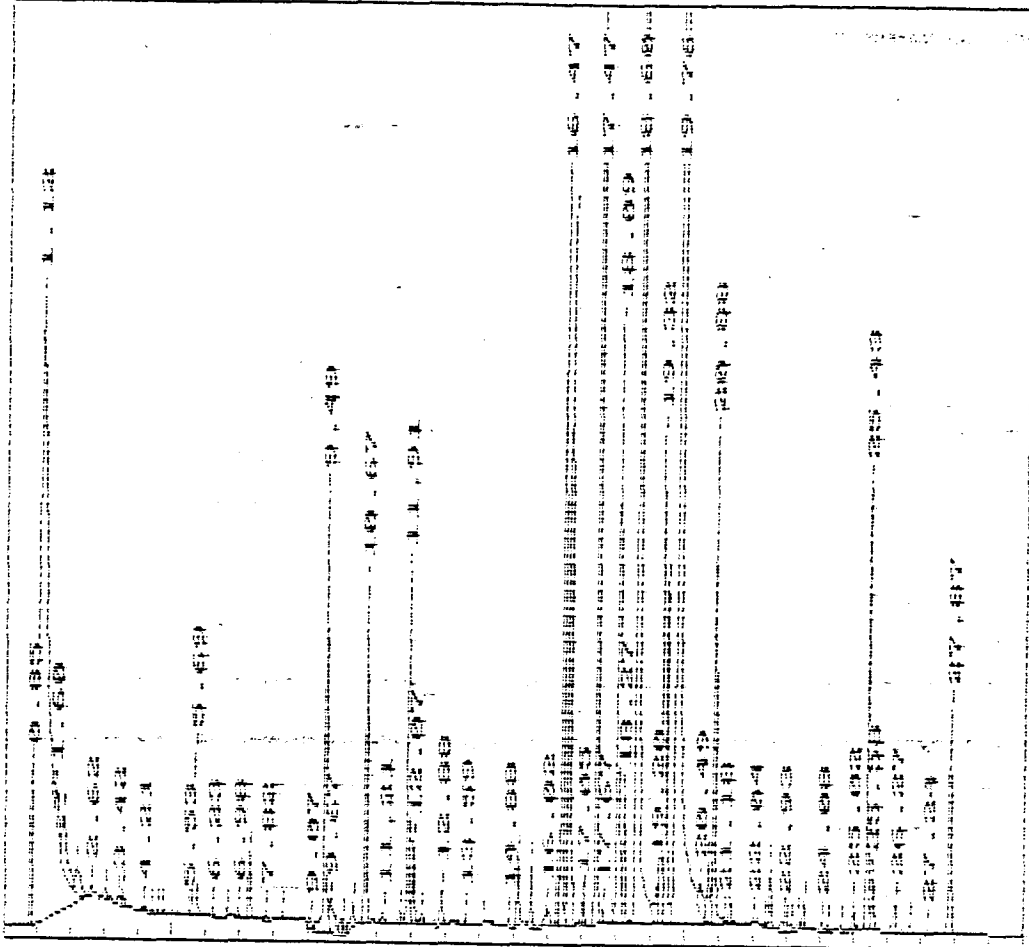
TOTAL AMOUNT = 3127.3279

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-Chlordane	15.41	TCX
Endosulfan II	18.84	TCX

000121

Amplifiers, times, and heights stored in: E:\PJ14-9.ATB
Data File = E:\PJ14-9.PTS Printed on 10-14-1994 at 23:02:20
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 23:02:50 Version 5.2.0 *****
 * Sample Name: J043-01S Data File: E:\QJ14-9 *
 * Date: 10-14-1994 22:30:37 Method: DLP17 10-14-1994 03:51:55 Version: 3 *
 * Interface: 12 Cycle#: 9 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.589	TCX	21.9865	0.8065%	363996	62226	5.8	1	0	.6493	6.0403E-05
4	4.225	alpha-BHC	0.5394	0.0198%	10041	2295	4.4	1	0	2.016	5.3718E-05
5	7.043	gamma-BHC	41.6979	1.5295%	718006	176925	4.1	1	0	0	5.8075E-05
6	5.511	Heptachlor	49.2819	1.8077%	605270	135600	4.5	2	0	-.6024	8.1421E-05
8	6.162	Aldrin	35.8816	1.3162%	646090	166667	3.9	2	0	-.5390	5.5536E-05
10	7.148	beta-BHC	13.4313	0.4927%	126631	28876	4.4	1	0	-.4651	1.0607E-04
11	7.632	delta-BHC	1.2011	0.0441%	22748	3942	5.8	1	0	-1.508	5.2799E-05
15	8.734	Endosulfan I	19.8363	0.7276%	241769	40819	5.9	1	0	-2.243	8.2047E-05
16	9.352	gamma-Chlordane	10.8513	0.3980%	176589	51412	3.4	2	0	1.533	6.1450E-05
17	9.469	alpha-Chlorodane	4.5185	0.1657%	73482	20018	3.7	2	0	.1766	6.1491E-05
18	9.753	OOE	93.5567	3.4317%	1320279	344041	3.8	2	0	-.5802	7.0861E-05
19	10.037	Dieldrin	149.1879	5.4723%	1770380	379671	4.7	3	0	-.5611	8.4269E-05
23	10.755	Endrin	267.5114	9.8125%	2245891	609677	3.7	2	0	.3115	1.1911E-04
27	12.308	DDD	703.2659	25.7964%	5987413	953310	6.3	0V	0	-.1387	1.1746E-04
29	12.826	DDT	1240.7522	45.5118%	8277012	953894	8.7	0V	0	-.7751	1.4990E-04
31	13.644	Endrin aldehyde	11.4404	0.4196%	96953	8156	11.9	4	0	-.6082	1.1800E-04
33	14.997	Endosulfan sulfate	1.4329	0.0526%	16545	4380	3.8	1	0	1.126	8.6607E-05
34	15.431	Methoxychlor	4.5819	0.1681%	12468	3668	3.4	2	0	1.315	3.6748E-04
36	15.892	Endrin Ketone	12.5873	0.4617%	135030	32516	4.2	1	0	-.6269	9.3219E-05
45	19.322	DCB	42.6769	1.5654%	501805	128980	3.9	1	0	-.5159	8.5047E-05

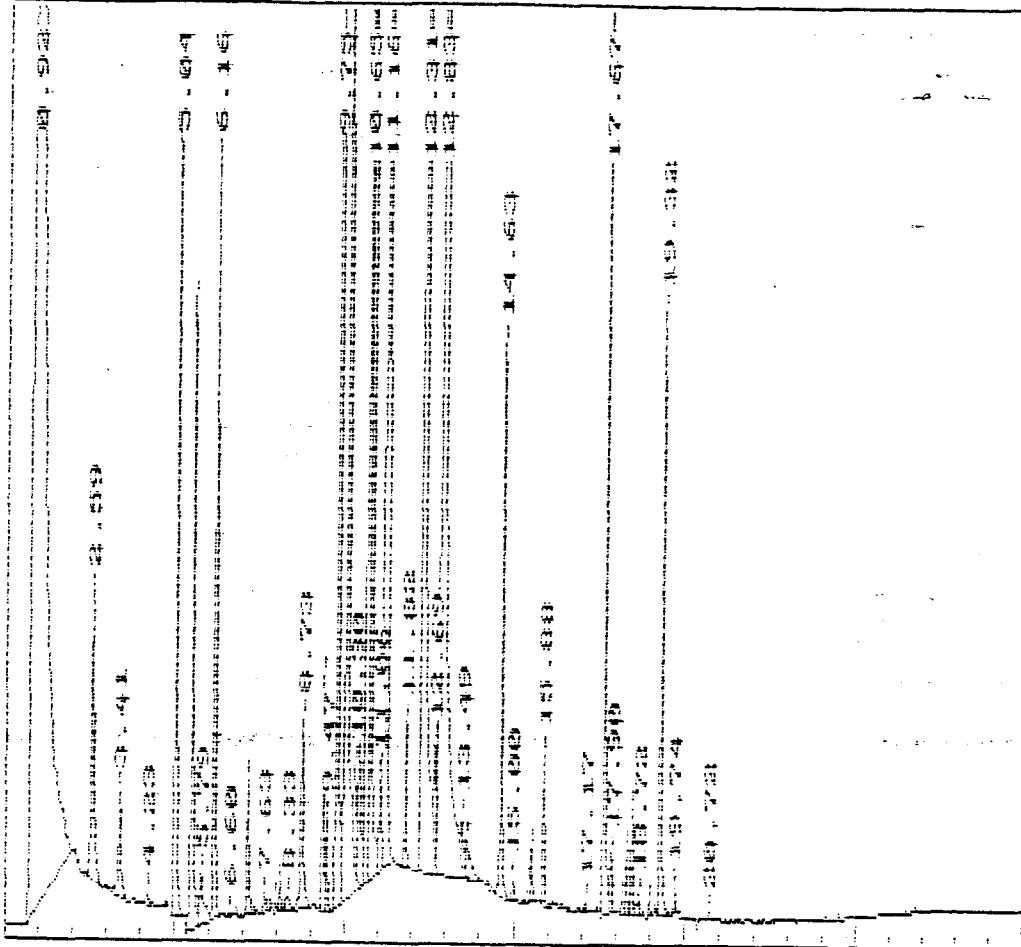
TOTAL AMOUNT = 2726.2195

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
Heptachlor epoxide	8.20	TCX
Endosulfan II	12.28	TCX

000123

Areas, times, and heights stored in: E:\QJ14-9.ATB
Da File = E:\QJ14-9.PTS Printed on 10-14-1994 at 23:03:09
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000124

Output redirected to LPT1:

J043-01D Processed: 10-14-1994 23:34:16, Segment 10, Cycle 10
RAW DATA SAVED IN FILE E:\PJ14-10.PTS Second Channel Stored in E:\QJ14-10-PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 23:35:40 Version 5.2.0 *****
* Sample Name: J043-01D Data File: E:\PJ14-10 *
* Date: 10-14-1994 23:04:14 Method: CLP17 10-12-1994 12:28:01 Version: 2 *
* Interface: 12 Cycle#: 10 Operator: SC Channel: A -Vial#: N.A. *
* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *
* Solvent Description: HE *
* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
* Detector 0: ECD Detector 1: ECD *
* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.002 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	DELTA RET TIME	CONC/AREA
19	5.695	TCX	16.8874	0.5452%	198754	40207	4.9 2	0	.2941	8.4966E-05
26	8.099	alpha-BHC	0.7222	0.0233%	10823	1533	7.1 1	0	.6224	6.6730E-05
30	9.486	gamma-BHC	32.5328	1.0503%	445074	113212	3.9 2	0	.1763	7.3095E-05
31	10.037	beta-BHC	4.3095	0.1391%	30309	4188	7.2 1	0	2.559	1.4219E-04
33	10.571	Heptachlor	36.7249	1.1856%	391803	92116	4.3 1	0	0	9.3733E-05
34	11.206	delta-BHC	1.5685	0.0506%	24893	3066	8.1 1	0	.2989	6.3009E-05
36	11.907	Aldrin	27.9674	0.9029%	410737	97314	4.2 2	0	-.1400	6.8091E-05
41	14.128	Heptachlor epoxide	0.5907	0.0191%	7250	1973	3.7 1	0	0	8.1476E-05
44	15.147	gamma-Chlordane	9.3839	0.3029%	126726	24806	5.1 2	0	-.5482	7.4049E-05
45	15.548	Endosulfan I	9.7779	0.3157%	92767	20328	4.6 2	0	.3232	1.0540E-04
49	16.449	DDE	<u>29</u> 87.0312	2.8096%	979684	232982	4.2 2	0	-.2026	8.8835E-05
50	16.667	Dieldrin	99.3816	3.2083%	896958	198677	4.5 2	0	-.1001	1.1080E-04
55	18.086	Endrin	129.6052	4.1840%	797186	165795	4.8 2	0	0	1.6258E-04
57	18.604	DDD	1042.6237	33.6590%	6904651	971642	7.1 0V	0	-.3577	1.5100E-04
61	19.756	DDT	1538.1455	49.6560%	9187308	970899	9.5 0V	0	-.4208	1.6742E-04
62	20.725	Endosulfan sulfate	10.4787	0.3383%	89103	16268	5.5 2	0	.4858	1.1760E-04
69	23.397	Methoxychlor	10.6817	0.3448%	21645	4082	5.3 2	0	.5021	4.9350E-04
70	23.547	Endrin Ketone	3.7523	0.1211%	32434	7303	4.4 2	0	-.1416	1.1569E-04
82	27.872	DCB	35.4396	1.1441%	291471	63114	4.6 1	0	-.1794	1.2159E-04

TOTAL AMOUNT = 3097.6047

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-Chlordane	15.41	TCX
Endosulfan II	18.84	TCX
Endrin aldehyde	20.16	TCX

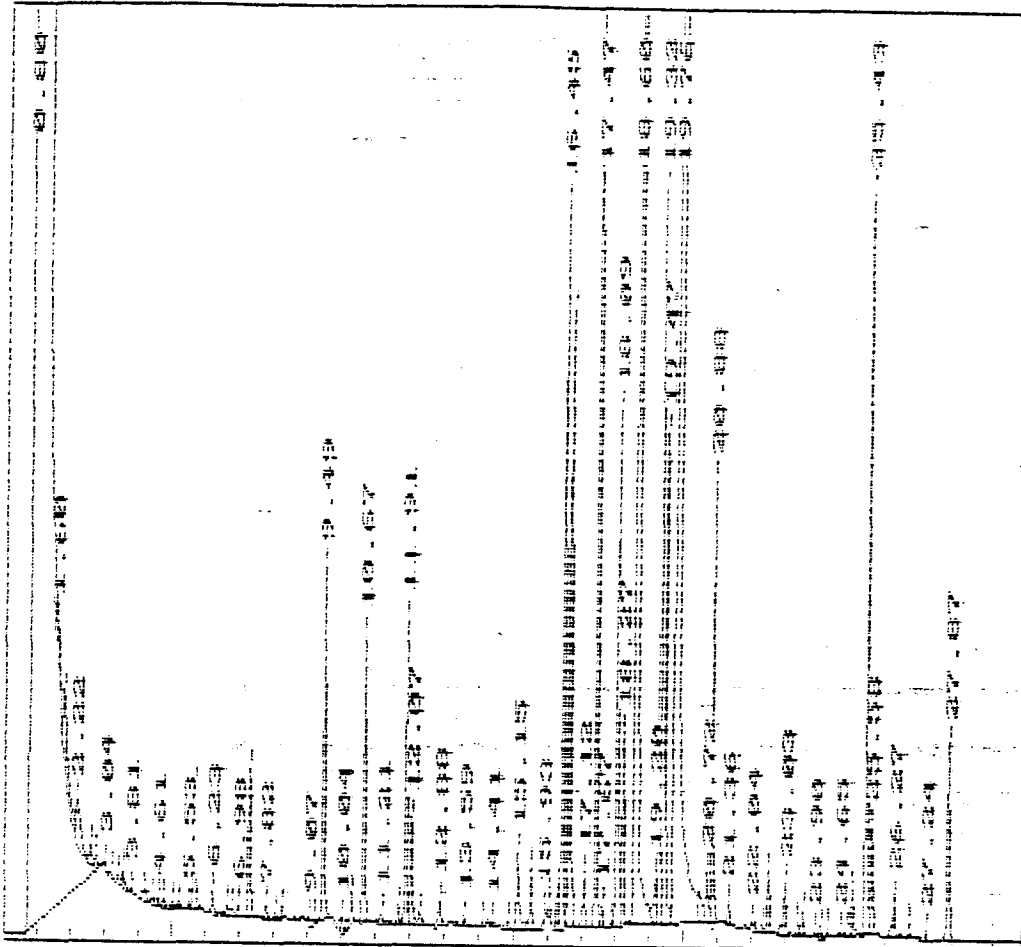
000125

Areas, times, and heights stored in: E:\PJ14-10.ATB

Data File = E:\PJ14-10.PTS Printed on 10-14-1994 at 23:36:00

Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts

Full Range: 300 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 23:36:30 Version 5.2.0 *****
 * Sample Name: J043-010 Data File: E:\QJ14-10 *
 * Date: 10-14-1994 23:04:14 Method: DLP17 10-14-1994 03:51:55 Version: 3 *
 * Interface: 12 Cycle#: 10 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701- DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.589	TCX	30.4163	1.1170%	503554	59791	8.4 2	0	.6493	6.0403E-05
4	4.225	alpha-BHC	0.5134	0.0189%	9557	2584	3.7 1	0	2.016	5.3718E-05
6	043	gamma-BHC	36.3718	1.3357%	626295	149294	4.2 2	0	0	5.8075E-05
7	5.511	Heptachlor	42.1234	1.5469%	517351	116866	4.4 2	0	-6.024	8.1421E-05
9	6.162	Aldrin	30.0558	1.1038%	541191	141412	3.8 2	0	-5.399	5.5536E-05
10	7.148	beta-BHC	18.0716	0.6637%	170380	41611	4.1 1	0	-4.651	1.0607E-04
12	7.849	delta-BHC	0.5211	0.0191%	9870	2547	3.9 2	0	1.293	5.2799E-05
15	8.734	Endosulfan I	19.8896	0.7304%	242419	39155	6.2 1	0	-2.243	8.2047E-05
16	9.352	gamma-Chlordane	9.2781	0.3407%	150987	43108	3.5 2	0	1.633	6.1450E-05
17	9.469	alpha-Chlorodane	4.0174	0.1475%	65333	17416	3.8 2	0	.1766	6.1491E-05
18	9.753	DOE	86.6582	3.1824%	1222925	321081	3.8 2	0	-6.802	7.0861E-05
19	10.037	Dieldrin	143.2711	5.2615%	1700167	341729	5.0 3	0	-6.611	8.4269E-05
23	10.755	Endrin	260.5046	9.5667%	2187065	579470	3.8 2	0	.3115	1.1911E-04
27	12.308	DDD	704.4022	25.8684%	5997087	949281	6.3 0V	0	-1.387	1.1746E-04
29	12.809	DDT	1266.5972	46.5878%	8462765	950168	8.9 0V	0	-9.043	1.4990E-04
30	13.644	Endrin aldehyde	11.5308	0.4235%	97719	7954	12.3 4	0	-6.082	1.1800E-04
32	14.997	Endosulfan sulfate	1.5789	0.0580%	18230	4807	3.8 1	0	1.126	8.6607E-05
33	15.414	Methoxychlor	4.6484	0.1707%	12649	3597	3.5 2	0	1.206	3.6748E-04
36	15.882	Endrin Ketone	12.9721	0.4764%	139158	34683	4.0 2	0	-6.269	9.3219E-05
48	19.322	DCB	37.6019	1.3809%	442132	112573	3.9 2	0	-5.159	8.5047E-05

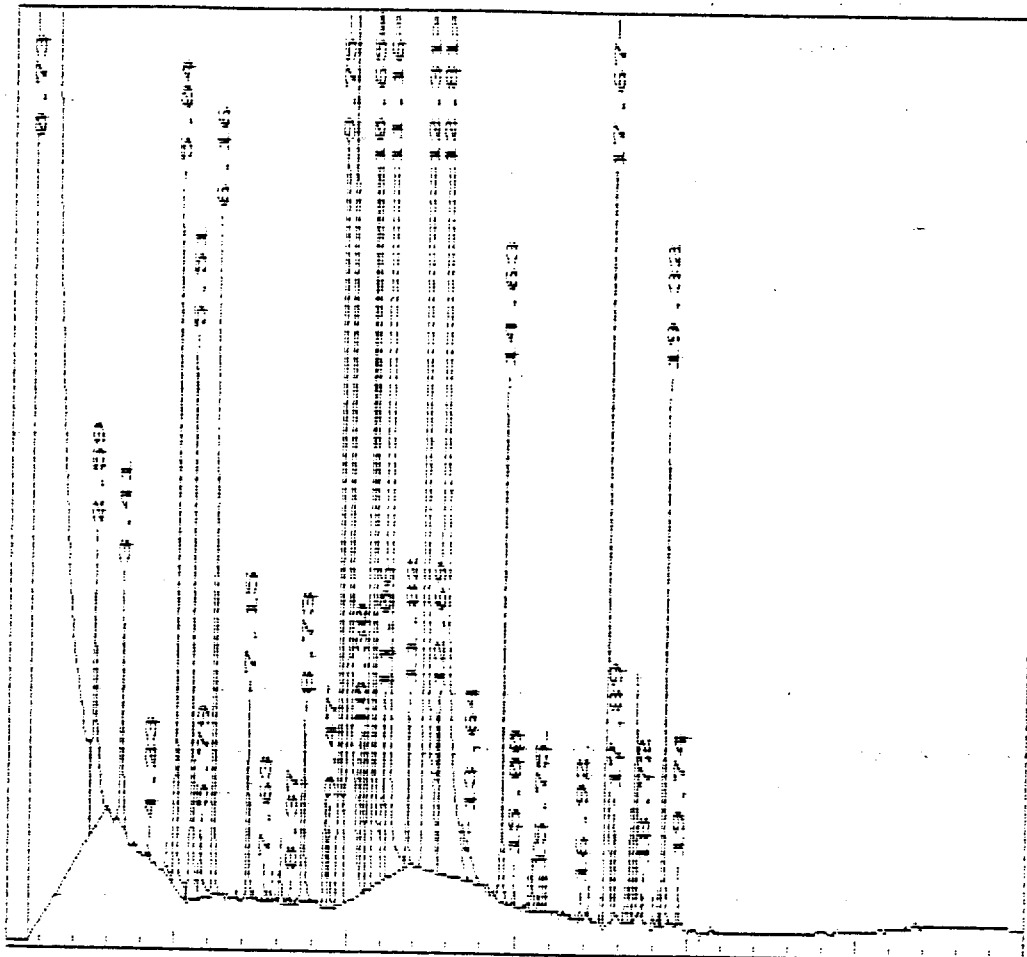
TOTAL AMOUNT = 2723.0237

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
Heptachlor epoxide	8.20	TCX
Endosulfan II	12.28	TCX

000127

Areas, times, and heights stored in: E:\QJ14-10.ATB
Data File = E:\QJ14-10.PTS Printed on 10-14-1994 at 23:36:49
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000128

PREPARATION LOG

Output redirected to LPT1:

SEQUENCE FILE: PJ14

SAMPLE NAME	METHOD NAME	DATA FILE	AMOUNT INJECTED	INT.STD. AMOUNT	DILUTION FACTOR	SAMPLE WEIGHT
1 INST BL	CLP17	PJ14-	1.0000	1.0000	1.0000	1.0000
2 PEM	CLP17	PJ14-	1.0000	1.0000	1.0000	1.0000
3 WS39-01/ MIX A 4X	CLP17	PJ14-	1.0000	1.0000	1.0000	1.0000
4 WS39-01/ MIX B 4X	CLP17	PJ14-	1.0000	1.0000	1.0000	1.0000
5 J043-81S	CLP17	PJ14-	1.0000	1.0000	1.0000	1.0000
6 J043-L1S	CLP17	PJ14-	1.0000	1.0000	1.0000	1.0000
7 J043-L10	CLP17	PJ14-	1.0000	1.0000	1.0000	1.0000
8 J043-01	CLP17	PJ14-	1.0000	1.0000	1.0000	1.0000
9 J043-01S	CLP17	PJ14-	1.0000	1.0000	1.0000	1.0000
10 J043-010	CLP17	PJ14-	1.0000	1.0000	1.0000	1.0000
11 J043-02	CLP17	PJ14-	1.0000	1.0000	1.0000	1.0000
12 J043-01L 20X	CLP17	PJ14-	1.0000	1.0000	1.0000	1.0000
13 J043-01L 100X	CLP17	PJ14-	1.0000	1.0000	1.0000	1.0000
14 J043-02L 100X	CLP17	PJ14-	1.0000	1.0000	1.0000	1.0000
15 WS39-01/ MIX A 4X	CLP17	PJ14-	1.0000	1.0000	1.0000	1.0000
16 WS39-01/ MIX B 4X	CLP17	PJ14-	1.0000	1.0000	1.0000	1.0000
17 I135-01	CLP17	PJ14-	1.0000	1.0000	1.0000	1.0000

000129

**CKY
REPORT PACKAGE 3**



CKY incorporated Analytical Laboratories

Date: 11-15-1994
CKY Batch No.: 94J076

Attn: Kent Geis

OHM
100 Dominion Drive # 107
Morrisville, N. Carolina 27560

Subject: Laboratory Report
Project: Camp Lejeune, NC

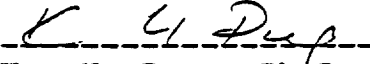
Enclosed is the Laboratory report for samples received on 10/21/94. The samples were received in coolers with ice and intact; the chain-of-custody forms were properly filled out. The data reported include :

<u>Sample ID</u>	<u>Control No.</u>	<u>Matrix</u>	<u>Analysis</u>
CLJ-DSS205C	J076-01	Soil	CLP Pesticide

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,



Kam Y. Pang, Ph.D.
Laboratory Director

P.S. - All analyses requested for the above referenced project have been completed. Therefore, unless instructed, the remaining portions of the samples will be disposed after fifteen (15) days from the date of this report.



CKY incorporated Analytical Laboratories

Date: 11-15-1994
CKY Batch No.: 94J076

Attn: Kent Geis

OHM
100 Dominion Drive # 107
Morrisville, N. Carolina 27560

Subject: Laboratory Report
Project: Camp Lejeune, NC

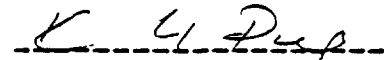
Enclosed is the Laboratory report for samples received on 10/21/94. The samples were received in coolers with ice and intact; the chain-of-custody forms were properly filled out. The data reported include :

<u>Sample ID</u>	<u>Control No.</u>	<u>Matrix</u>	<u>Analysis</u>
CLJ-DSS205C	J076-01	Soil	CLP Pesticide

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,



Kam Y. Pang, Ph.D.
Laboratory Director

P.S. - All analyses requested for the above referenced project have been completed. Therefore, unless instructed, the remaining portions of the samples will be disposed after fifteen (15) days from the date of this report.

LABORATORY REPORT FOR

OHM

CAMP LEJEUNE, NC

CHLORINATED PESTICIDES

SDG#: 94J076

NOVEMBER 15, 1994

CASE NARRATIVE

CLIENT: OHM
PROJECT: CAMP LEJEUNE, NC
SDG: 94J076

CHLORINATED PESTICIDES

One (1) soil sample was received on 10/21/94 for pesticides analysis in accordance with SW846.

1. Holding Time

The sample was extracted and analyzed within holding time.

2. Surrogate Recovery

Surrogate recoveries were all within QC limits.

3. Matrix Spike/Matrix Spike Duplicate

No MS/MSD was requested.

4. Lab Control Sample

All recoveries were within QC limits.

5. Method Blank

Method Blank was free of contamination except beta-BHC and Heptachlor which had concentration below CRDL.

6. Instrument Performance and Calibration

Initial calibration was five-point, the RSD were all within QC limits. Continue calibration was done at 12-hour interval.

7. Sample Analysis

The sample was not detected for target compounds.

000001



OJIM Corporation

RUSH CHAIN-OF-CU...ODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

94J076 I5

128179

O.H. MATERIALS CORP • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME <i>CAMP Lequine</i>		PROJECT LOCATION <i>Jacksonville, N. Carolina</i>	
PROJ. NO. <i>16207</i>	PROJECT CONTACT <i>Randy Smith</i>	PROJECT TELEPHONE NO. <i>(910)-492-809</i>	
CLIENT'S REPRESENTATIVE		PROJECT MANAGER/SUPERVISOR <i>Randy Smith</i>	

NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)
	<i>EPA M8080</i>

ITEM NO	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	REMARKS
1	<i>CLJ-DSS205C</i>	<i>10/11</i>	<i>1905</i>		<i>X</i>	<i>Soil Sample</i>	
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
	<i>1</i>	<i>Steve Grant</i>		<i>10/11/89</i>	<i>1630</i>	<i>T = 9.5°C</i>
<i>000002</i>			<i>J. S. Betel</i>	<i>10/11/89</i>	<i>10:00</i>	
						<i>Steve Grant</i> SAMPLER'S SIGNATURE

QC SUMMARY

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: CKY Inc

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 94J076

GC Column(1): DB608 ID: 0.32 (mm)

GC Column(2): DB1701 ID: 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
1	PBLK01	91	130	112	113			0
2	LCS01	89	90	110	110			0
3	CLJ-DSS205C	97	116	123	107			0

ADVISORY

QC LIMITS

TCX = Tetrachloro-m-xylene

(20-150)

DCB = Decachlorobiphenyl

(20-150)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

3F-LCS
SOIL PESTICIDE LAB CONTROL SAMPLE RECOVERY

Lab Name: CKY Inc

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 94J076

Lab Control Sample No.: LCS01

✓ (AP)

COMPOUND	SPIKE ADDED (ug/KG)	SAMPLE CONCENTRATION (ug/KG)	MS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	16.67	15.72	94	46-127
Heptachlor	16.67	16.18	97	35-130
Aldrin	16.67	12.57	75	34-132
Dieldrin	33.33	30.66	92	31-134
Endrin	33.33	35.12	105	42-139
4,4'-DDT	33.33	32.79	98	23-134

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

LCS Recovery: 0 out of 6 outside limits

COMMENTS: _____

PESTICIDE METHOD BLANK SUMMARY

PBLK01

Lab Name: CKY Inc	Contract:
Lab Code: Case No.:	SAS No.: SDG No.: 94J076
Lab Sample ID: J076-B1S	Lab File ID: PJ19-82
Matrix: (soil/water) SOIL	Extraction: (SepE/Cont/Sonc) SONC
Sulfur cleanup: (Y/N) N	Date Extracted: 10-21-1994
Date Analyzed (1): 10-21-1994	Date Analyzed (2): 10-21-1994
Time Analyzed (1): 15:30:27	Time Analyzed (2): 15:30:27
Instrument ID (1): GC3	Instrument ID (2): GC3
GC Column (1): DB608 ID: 0.32 (mm)	GC Column (2): DB1701 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	LCS01	J076-L1S	10-21-1994	10-21-1994
2	CLJ-DSS205C	J076-01	10-21-1994	10-21-1994

COMMENTS: _____

000005

SAMPLE RESULTS

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLJ-DSS205C

Lab Name: CKY Inc	Contract:
Lab Code: Case No.:	SAS No.:
Matrix: (soil/water) SOIL	SDG No.: 94J076
Sample wt/vol: 30.00 (g/ml) G	Lab Sample ID : J076-01
% Moisture: 19 decanted: (Y/N) N	Lab File ID: PJ19-84
Extraction: (SepF/Cont/Sonc) SONC	Date Received: 10/21/94
Concentrated Extract Volume: 10000 (uL)	Date Extracted: 10/21/94
Injection Volume: 2.5 (uL)	Date Analyzed: 10-21-1994
GPC Cleanup: (Y/N) N pH:	Dilution Factor: 1
	Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
---------	----------	-----------------------	---

319-84-6-----	alpha-BHC	2.10	U
319-85-7-----	beta-BHC	0.69	JB
319-86-8-----	delta-BHC	2.10	U
58-89-9-----	gamma-BHC (Lindane)	2.10	U
76-44-8-----	Heptachlor	0.61	JPB
309-00-2-----	Aldrin	2.10	U
1024-57-3-----	Heptachlor epoxide	2.10	U
959-98-8-----	Endosulfan I	2.10	U
60-57-1-----	Dieldrin	4.07	U
72-55-9-----	4,4'-DDE	4.07	U
7 20-8-----	Endrin	4.07	U
3 13-65-9-----	Endosulfan II	4.07	U
72-54-8-----	4,4'-DDD	4.07	U
1031-07-8-----	Endosulfan sulfate	4.07	U
50-29-3-----	4,4'-DDT	4.07	U
72-43-5-----	Methoxychlor	20.99	U
53494-70-5-----	Endrin ketone	4.07	U
7421-36-3-----	Endrin aldehyde	4.07	U
5103-71-9-----	alpha-Chlordane	2.10	U
5103-74-2-----	gamma-Chlordane	2.10	U
8001-35-2-----	Toxaphene	209.88	U
12674-11-2-----	Aroclor-1016	40.74	U
11104-28-2-----	Aroclor-1221	82.72	U
11141-16-5-----	Aroclor-1232	40.74	U
53469-21-9-----	Aroclor-1242	40.74	U
12672-29-6-----	Aroclor-1248	40.74	U
11097-69-1-----	Aroclor-1254	40.74	U
11096-82-5-----	Aroclor-1260	40.74	U

Output redirected to LP11:

Output redirected to LP11:

Output redirected to LP11:

J076-01 Processed: 10-21-1994 17:40:27. Segment 1. Cycle 84

End of sequence file reached at cycle 84

RAW DATA SAVED IN FILE 819PJ19-84.P18. Second channel stored in 819PJ19-84.P19.

***** EXTERNAL STANDARD TABLE *****

***** 10-21-1994 17:41:19 Version 5.2.0 *****

* Sample Name: J076-01 Data File: 819PJ19-84 *
 * Date: 10-21-1994 17:10:13 Method: D1P18 10-20-1994 10:19:38 Version: 1*
 * Interface: 12 Cycle#: 84 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HF *
 * Conditions: 1700/min 2700/min 940/min 2900/min 910/min *
 * Detector 1: ECD Detector 2: FID *
 * Misc Information: LP11: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.000 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% Delta RET TIME	CONC/PPB
14	6.595	TOX	43.2511	41.7849%	431944	64899	6.7	0	-1.2528	1.00348E-04
17	9.094	alpha-CHC	0.9498	0.9175%	13455	1411	7.0	1	1.6272	7.0049E-05
23	9.258	gamma-CHC	0.4400	0.4251%	5725	975	5.5	1	-1.1295	7.5828E-05
24	9.803	beta-CHC	1.9604	1.9040%	11434	3049	3.9	1	1.5689	1.7146E-04
27	10.705	Heptachlor	1.5981	1.5439%	15439	2210	7.0	2	1.3084	1.0251E-04
29	11.105	delta-CHC	0.2807	0.2712%	3696	417	4.0	2	-1.4594	7.5950E-05
30	12.091	Aldrin	1.5251	1.5700%	20029	4079	4.9	1	1.5330	8.1141E-05
31	18.387	Endrin	2.1993	2.1247%	14240	694	20.5	1	1.559	1.5844E-04
32	20.509	Endosulfan sulfate	1.7212	1.6629%	11973	3109	3.9	1	-1.4896	1.4376E-04
35	27.389	DDT	49.4931	47.9057%	364199	75586	4.3	1	0	1.0597E-04

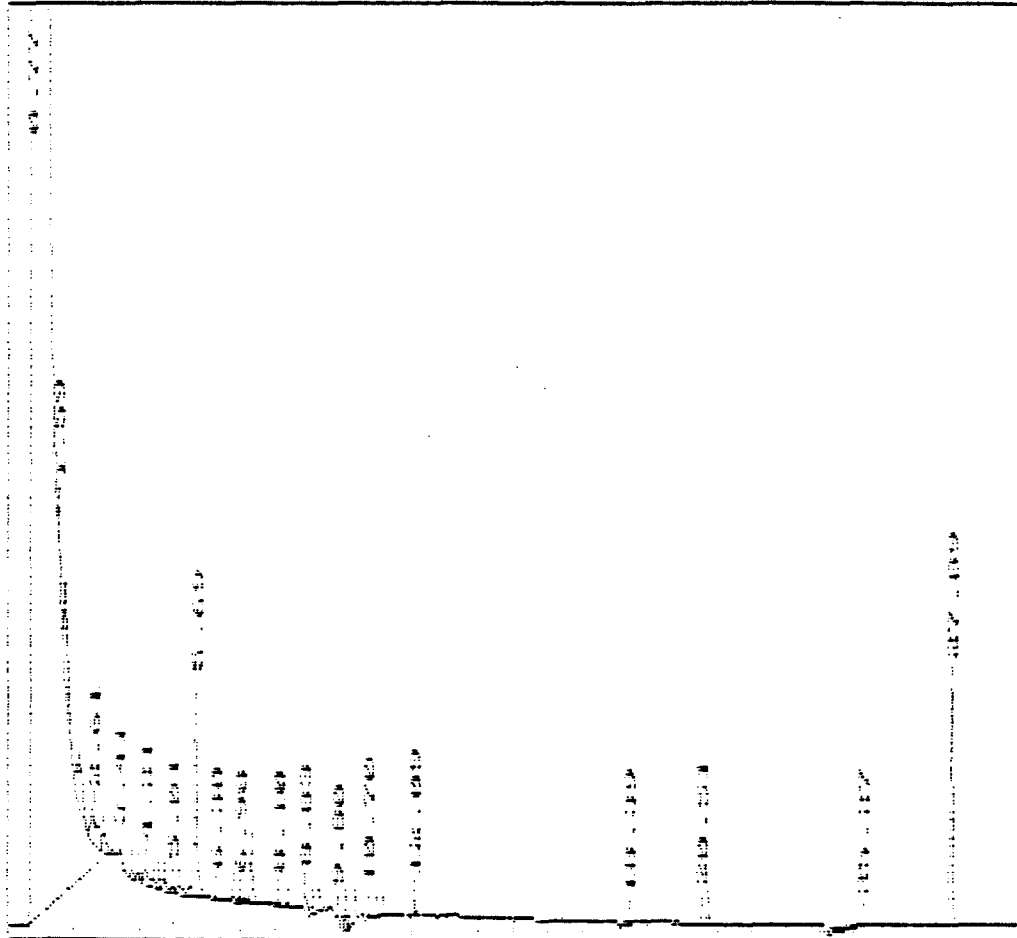
TOTAL AMOUNT = 103.5089

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
Heptachlor epoxide	14.12	TOX
gamma-Chlordane	14.81	TOX
alpha-Chlordane	15.38	TOX
Endosulfan I	15.47	TOX
DDD	16.47	TOX
DDT	16.68	TOX
DDD	18.66	TOX
DDT	19.81	TOX
Endrin aldehyde	20.13	TOX
methoxychlor	23.25	TOX
Endrin ketone	23.56	TOX

000008

Ar is. times, and heights stored in: E:\NP119-84.A18
Data file = E:\NP119-84.PTS Printed on 10-21-1994 at 17:42:24
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



000009

***** EXTERNAL STANDARD TABLE *****

***** 10-21-1994 17:43:02 Version 5.2.0 *****
 * Sample Name: J076-01 Date File: E:\SQJ14-94 *
 * Date: 10-21-1994 17:10:13 Method: DLP15 10-20-1994 10:28:07 Version: 1 *
 * Interface: 12 Cycle#: 84 Operator: SC Channel: B Vial#: N/A *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB50B *
 * Solvent Description: HE *
 * Conditions: 1700/min 2700/min 840/min 2400/min 8100/min *
 * Detector 0: FID Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PUB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.555	TCX	47.6711	45.9354%	654948	78525	8.3 2	0	-5.417	7.2786E-05
4	5.511	Heptachlor	2.2570	2.1748%	23915	2028	11.8 1	0	.1833	9.4376E-05
5	7.131	beta-BHC	1.9186	1.8488%	14591	3242	4.5 1	0	.2847	1.3149E-04
7	11.477	Endrin aldehyde	2.3993	2.3110%	16375	4504	3.6 1	0	-1.330	1.4644E-04
8	15.531	Endrin ketone	1.0457	1.0077%	9512	3448	2.7 1	0	-2.347	1.0943E-04
9	19.205	DCB	48.4874	46.7224%	491941	10541	4.6 1	0	-1.2521	9.8560E-05

TOTAL AMOUNT = 103.7787

PEAKS NOT FOUND IN THIS RUN

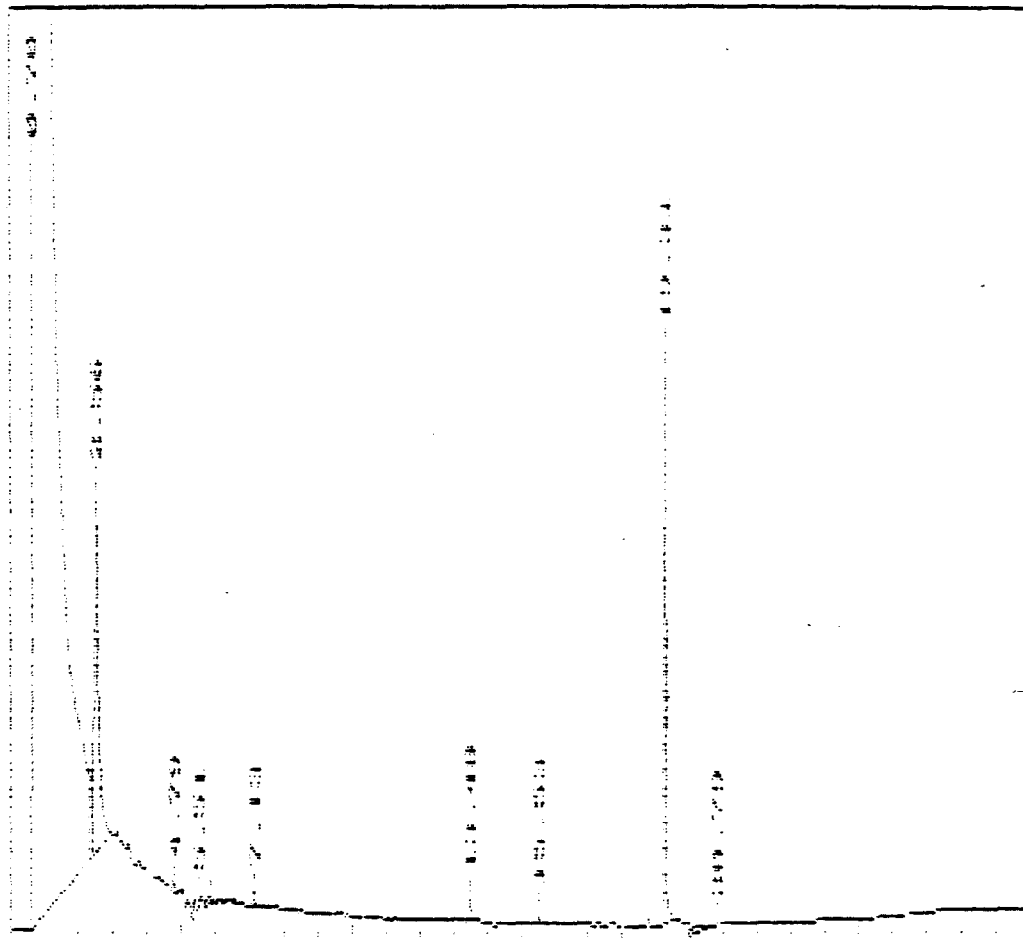
NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	4.13	TCX
gamma-BHC	5.08	TCX
aldrin	6.15	TCX
delta-BHC	7.68	TCX
Heptachlor epoxide	8.14	TCX
Endosulfan I	8.87	TCX
gamma-Chlordane	9.12	TCX
alpha-Chlorodane	9.37	TCX
DDE	9.75	TCX
Dieldrin	10.05	TCX
Endrin	10.65	TCX
Endosulfan II	12.27	TCX
DDD	12.32	TCX
DDT	12.85	TCX
Endosulfan sulfate	14.75	TCX
Methoxychlor	15.15	TCX

Areas, times, and heights stored in: E:\XUJ19-84.A1B

D: File = E:\XUJ19-84.P15 Printed on 10-21-1994 at 17:43:25

Start time: 0.00 min. Stop time: 30.00 min. Offset: 0.000

Full Range: 200 K-Counts



000011

CALIBRATION

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CKY Inc
 Lab Code:
 Instrument ID: GC3
 GC Column: DB608

Case No.:
 Level (x low):
 ID:0.32 (mm)

Contract:
 SAS No.:
 Date(s) Analysed: 10-19-94 10-19-94

SDG No.: 94J076

COMPOUND	RT OF STANDARDS					MEAN RT	RT WINDOW	
	LOW	MID1	MID2	MID3	HIGH		FROM	TO
alpha-BHC	8.07	8.07	8.07	8.05	8.05	8.06	8.01	8.11
beta-BHC	9.82	9.82	9.79	9.79	9.79	9.80	9.75	9.85
delta-BHC	11.19	11.19	11.17	11.16	11.16	11.17	11.12	11.22
gamma-BHC (Lindane)	9.50	9.50	9.50	9.49	9.49	9.50	9.45	9.55
Heptachlor	10.70	10.70	10.69	10.67	10.67	10.69	10.64	10.74
Aldrin	11.94	11.94	11.92	11.91	11.91	11.92	11.87	11.97
Heptachlor epoxide	14.14	14.14	14.13	14.11	14.11	14.13	14.06	14.20
Endosulfan I	15.50	15.50	15.48	15.46	15.46	15.48	15.41	15.55
Dieldrin	16.70	16.70	16.68	16.67	16.67	16.68	16.61	16.75
4,4'-DDE	16.50	16.50	16.48	16.47	16.47	16.48	16.41	16.55
Endrin	18.12	18.12	18.10	18.09	18.09	18.10	18.03	18.17
Endosulfan II	18.85	18.85	18.84	18.82	18.82	18.84	18.77	18.91
4,4'-DDD	18.69	18.69	18.67	18.65	18.65	18.67	18.60	18.74
Endosulfan sulfate	20.64	20.64	20.61	20.61	20.61	20.62	20.55	20.69
4,4'-DDT	19.84	19.84	19.82	19.81	19.81	19.82	19.75	19.89
Methoxychlor	23.28	23.30	23.26	23.26	23.25	23.27	23.20	23.34
Endrin ketone	23.60	23.60	23.56	23.56	23.55	23.57	23.50	23.64
Endrin aldehyde	20.16	20.16	20.14	20.12	20.12	20.14	20.07	20.21
alpha-Chlordane	15.41	15.43	15.40	15.38	15.38	15.40	15.33	15.47
gamma-Chlordane	14.78	14.78	14.76	14.75	14.75	14.76	14.69	14.83
Tetrachloro-m-xylene	5.71	5.69	5.69	5.69	5.69	5.70	5.65	5.77
Decachlorobiphenyl	27.92	27.92	27.91	27.89	27.87	27.90	27.80	28.00

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CKY Inc
 Lab Code:
 Instrument ID: GC3
 GC Column: DB1701

Case No.:
 Level (x low):
 ID:0.32 (mm)

Contract:
 SAS No.:
 Date(s) Analysed: 10-19-94 10-19-94

SDG No.: 94J076

COMPOUND	RT OF STANDARDS					MEAN RT	RT WINDOW	
	LOW	MID1	MID2	MID3	HIGH		FROM	TO
alpha-BHC	4.14	4.14	4.14	4.12	4.12	4.13	4.08	4.18
beta-BHC	7.15	7.15	7.13	7.11	7.11	7.13	7.08	7.18
delta-BHC	7.72	7.72	7.70	7.70	7.68	7.70	7.65	7.75
gamma-BHC (Lindane)	5.04	5.04	5.03	5.03	5.03	5.03	4.98	5.08
Heptachlor	5.51	5.51	5.51	5.49	5.49	5.50	5.45	5.55
Aldrin	6.16	6.16	6.15	6.15	6.15	6.15	6.10	6.20
Heptachlor epoxide	8.17	8.17	8.15	8.13	8.13	8.15	8.08	8.22
Endosulfan I	8.90	8.90	8.88	8.87	8.87	8.88	8.81	8.95
Dieldrin	10.05	10.05	10.04	10.04	10.02	10.04	9.97	10.11
4,4'-DDE	9.77	9.79	9.75	9.75	9.74	9.76	9.69	9.83
Endrin	10.67	10.67	10.65	10.64	10.64	10.65	10.58	10.72
Endosulfan II	12.31	12.31	12.27	12.27	12.27	12.29	12.22	12.36
4,4'-DDD	12.34	12.34	12.32	12.31	12.31	12.32	12.25	12.39
Endosulfan sulfate	14.76	14.76	14.75	14.73	14.73	14.75	14.68	14.82
4,4'-DDT	12.88	12.88	12.86	12.84	12.84	12.86	12.79	12.93
Methoxychlor	15.18	15.18	15.16	15.15	15.15	15.16	15.09	15.23
Endrin ketone	15.92	15.92	15.90	15.88	15.88	15.90	15.83	15.97
Endrin aldehyde	13.66	13.66	13.64	13.63	13.63	13.64	13.57	13.71
alpha-Chlordane	9.40	9.40	9.39	9.37	9.37	9.39	9.32	9.46
gamma-Chlordane	9.15	9.15	9.13	9.12	9.12	9.13	9.06	9.20
Tetrachloro-m-xylene	2.57	2.57	2.57	2.56	2.57	2.57	2.52	2.62
Decachlorobiphenyl	19.36	19.36	19.34	19.32	19.32	19.34	19.24	19.44

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CKY Inc
 Lab Code:
 Instrument ID: GC3
 GC Column: DB608

Case No.:
 Level (x low):
 ID:0.32 (mm)

Contract:
 SAS No.: SDG No.: 94J076
 1X 2X 4X 8X 16X
 Date(s) Analysed: 10-19-94 10-19-94

COMPOUND	CALIBRATION FACTORS						
	LOW	MID1	MID2	MID3	HIGH	MEAN	%RSD
alpha-BHC	6404	5963	5849	5853	5601	5934	5.0
beta-BHC	3223	2912	2733	2480	2259	2721	13.8
delta-BHC	6142	5794	5761	5468	5174	5668	6.4
gamma-BHC (Lindane)	6196	5671	5476	5400	5129	5574	7.1
Heptachlor	4974	4436	4150	4036	3790	4277	10.6
Aldrin	5920	5482	5363	5157	4833	5351	7.5
Heptachlor epoxide	5606	5053	4789	4365	3973	4757	13.2
Endosulfan I	4936	4447	4148	3978	3633	4229	11.7
Dieldrin	4582	4203	3993	3855	3530	4033	9.7
4,4'-DDE	4734	4399	4309	4020	3739	4240	8.9
Endrin	3314	3050	2878	2750	2522	2903	10.3
Endosulfan II	4410	3977	3756	3374	3045	3713	14.2
4,4'-DDD	3178	2987	2888	2858	2695	2921	6.1
Endosulfan sulfate	3733	3399	3253	2964	2694	3209	12.4
4,4'-DDT	2936	2727	2622	2610	2539	2687	5.7
Methoxychlor	1160	1035	956	914	873	987	11
Endrin ketone	3977	3618	3444	3115	2834	3398	13.0
Endrin aldehyde	2891	2589	2439	2188	1967	2415	14.8
alpha-Chlordane	6077	5551	5340	4961	4613	5309	10.6
gamma-Chlordane	5887	5377	5196	4839	4545	5169	9.9
Tetrachloro-m-xylene	5135	4664	4428	4207	3870	4461	10.7
Decachlorobiphenyl	4181	3710	3371	3136	2816	3443	15.3

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CKY Inc
 Lab Code:
 Instrument ID: GC3
 GC Column: DB1701

Case No.:
 Level (x low):
 ID:0.32 (mm)

Contract:
 SAS No.:
 Date(s) Analysed: 10-19-94 10-19-94

SDG No.: 94J076

COMPOUND	CALIBRATION FACTORS						%RSD
	LOW	MID1	MID2	MID3	HIGH	MEAN	
alpha-BHC	7107	6752	6856	7061	6920	6939	2.1
beta-BHC	3832	3614	3442	3192	2967	3410	10.0
delta-BHC	6698	6416	6526	6345	6092	6415	3.5
gamma-BHC (Lindane)	7054	6605	6487	6576	6358	6616	4.0
Heptachlor	5231	4669	4398	4361	4187	4569	8.9
Aldrin	6912	6490	6391	6046	5721	6312	7.2
Heptachlor epoxide	6692	6072	5820	5385	4972	5788	11.4
Endosulfan I	5843	5268	4917	4786	4528	5068	10.0
Dieldrin	5634	5164	4903	4773	4406	4976	9.2
4,4'-DDE	5519	5170	5190	4883	4605	5073	6.8
Endrin	4178	3873	3696	3595	3336	3735	8.4
Endosulfan II	5329	4810	4561	4141	3789	4526	13.2
4,4'-DDD	3930	3710	3593	3519	3327	3616	6.2
Endosulfan sulfate	4868	4382	4162	3792	3479	4137	12.9
4,4'-DDT	3335	3031	2915	2883	2759	2984	7.3
Methoxychlor	1507	1341	1233	1186	1091	1271	12.6
Endrin ketone	5000	4511	4272	3868	3523	4235	13.5
Endrin aldehyde	3223	3061	3062	2813	2683	2968	7.3
alpha-Chlordane	7005	6338	6071	5604	5187	6041	11.5
gamma-Chlordane	6870	6229	5980	5555	5170	5961	10.9
Tetrachloro-m-xylene	6366	5887	5638	5650	5346	5777	6.6
Decachlorobiphenyl	5575	5051	4588	4312	3802	4666	14.6

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CKY Inc Contract:01-F000-06-I93-0024
 Lab Code: Case No.: SAS No.: SDG No.:94J076
 GC Column: DB608 ID: 0.32 (mm) Init. Calib. Date(s):10-19-1994 10-19-1994
 EPA Sample No.(PIBLK): PIBLK04 Date Analyzed :10-21-1994
 Lab Sample ID (PIBLK): WS46-01 Time Analyzed :01:14:40
 EPA Sample No.(PEM): PEM03 Date Analyzed :10-21-1994
 Lab Sample ID (PEM): WS46-01 Time Analyzed :01:48:10

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	8.03	8.01	8.11	0.021	0.025	17
beta-BHC	9.79	9.75	9.85	0.027	0.025	8
gamma-BHC (Lindane)	9.49	9.45	9.55	0.031	0.025	22
Endrin	18.09	18.03	18.17	0.154	0.125	21
4,4'-DDT	19.81	19.75	19.89	0.313	0.250	22
Methoxychlor	23.25	23.20	23.35	0.772	0.625	21

✓ MB
 ✓ MA
 ✓ MA
 ✓ MA
 ✓ MA

4,4'-DDT % breakdown (1): 5.1 Endrin % breakdown (1): 6.5
 Combined % breakdown (1): 11.6

QC LIMITS:
 RPD of amount in PEM must be less than or equal to 25.0%
 4,4'-DDT breakdown must be less than or equal to 20.0%
 Endrin breakdown must be less than or equal to 20.0%
 Combined breakdown must be less than or equal to 30.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CKY Inc Contract: 01-F000-06-I93-0024
 Lab Code: Case No.: SAS No.: SDG No.: 94J076
 GC Column: DB1701 ID: 0.32 (mm) Init. Calib. Date(s): 10-19-1994 10-19-1994
 EPA Sample No. (PIBLK): PIBLK04 Date Analyzed: 10-21-1994
 Lab Sample ID (PIBLK): WS46-01 Time Analyzed: 01:14:40
 EPA Sample No. (PEM): PEM03 Date Analyzed: 10-21-1994
 Lab Sample ID (PEM): WS46-01 Time Analyzed: 01:48:10

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	4.11	4.08	4.18	0.027	0.025	9.8
beta-BHC	7.11	7.08	7.18	0.030	0.025	19.8
gamma-BHC (Lindane)	5.01	4.98	5.08	0.028	0.025	11
Endrin	10.62	10.58	10.72	0.155	0.125	21
4,4'-DDT	12.83	12.79	12.93	0.282	0.250	12
Methoxychlor	15.13	15.09	15.23	0.795	0.625	24

MA
 MA
 MA
 MA
 MA
 MA

4,4' DDT % breakdown (1): 5.0 Endrin % breakdown (1): 5.2
 Combine % breakdown (1): 10.2

QC LIMITS:

RPD of amount in PEM must be less than or equal to 25.0%
 4,4'-DDT breakdown must be less than or equal to 20.0%
 Endrin breakdown must be less than or equal to 20.0%
 Combined breakdown must be less than or equal to 30.0%

Out is redirected to LPT1:

WS49-027 1 Processed: 10-19-1994 18:57:00. Segment 11, Cycle 11

RAW DATA SAVED IN FILE F:\NP119-11.P15 Second Channel Stored in F:\NP119-11.P15

***** EXTERNAL STANDARD TABLE *****

***** 10-19-1994 18:56:30 Version 5.2.0 *****

* Sample Name: WS49-027 INDA101 Data File: F:\NP119-11

* Date: 10-19-1994 18:26:54 Method: GLP18 10-18-1994 17:56:42 Version: 03

* Interface: 12 Cycles: 11 Operator: 50 Channel: A Vial: N/A

* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500

* Instrument type: GC#3 Column type: DB1701 DB608

* Solvent Description: HE

* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min

* Detector 0: ECD Detector 1: ECD

* Misc. Information: LPT1: *

Starting Delay: 0.00 Ending retention time: 30.00

Area reject: 0 One sample per 1.000 sec

Amount injected: 1.00 Dilution factor: 1.00

Sample weight: 1.00000

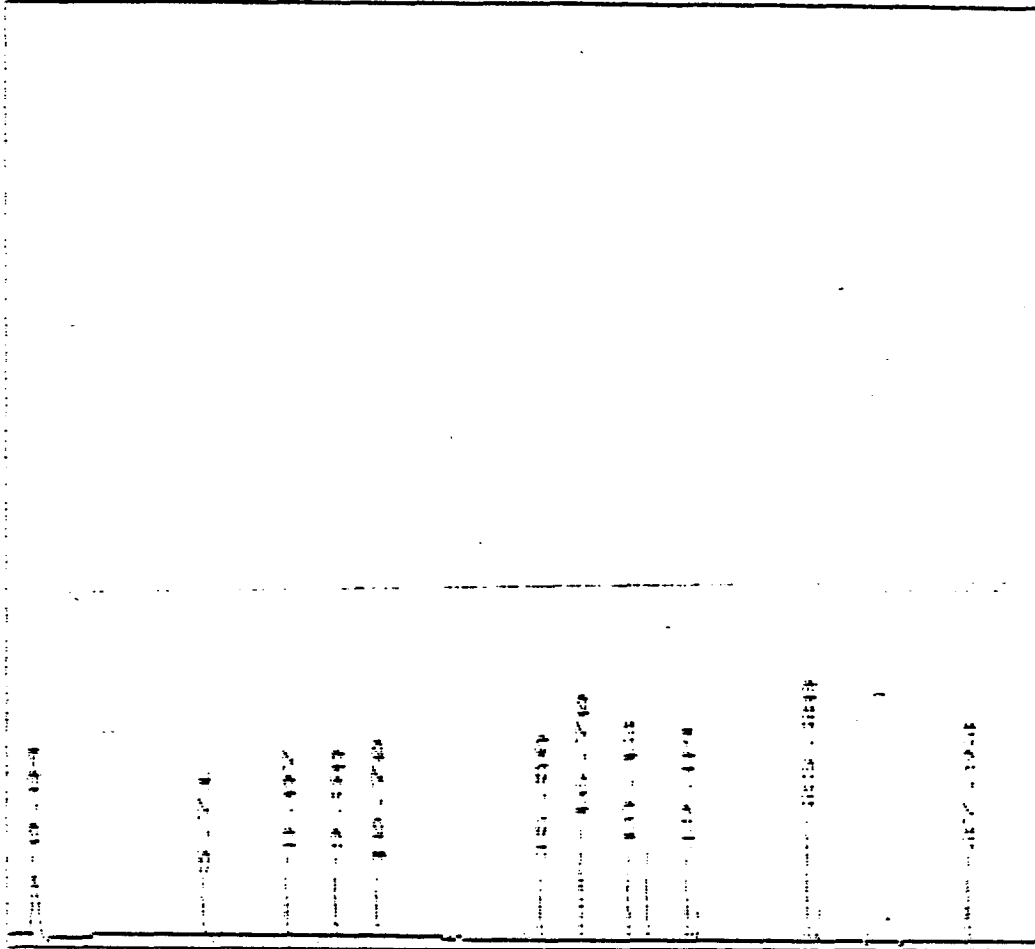
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT 9L	REF PEAK	% DELTA RET TIME	CONC/AREA
2	9.711	TCX	5.4534	7.34957	64184	11520	5.5 1	0	5482	8.4946E-05
3	9.866	alpha-BHC	5.3418	7.30265	80051	19144	4.4 1	0	2074	5.6730E-05
4	10.502	gamma-BHC	5.6610	7.34480	77328	18845	4.1 1	0	13527	7.3098E-05
5	10.705	Hectachlor	5.8284	7.34447	52191	13753	4.5 1	0	13125	6.3733E-05
6	15.448	Endosulfan I	6.5039	7.34437	61705	15357	4.0 1	0	0	1.0540E-04
7	16.700	Dieldrin	12.6923	7.30957	114553	29537	4.0 1	0	11001	1.1080E-04
8	18.119	Endrin	13.4702	8.07547	80954	20513	4.0 1	0	12174	1.8258E-04
9	18.687	DUF	11.9954	7.19237	79445	21052	3.8 1	0	0	1.5100E-04
10	19.840	DUF	12.2864	7.36657	73289	19014	3.9 1	0	0	1.5742E-04
11	20.157	Endrin aldehyde	1.4352	0.36047	8741	2123	4.1 1	0	0	1.5419E-04
12	23.280	Methoxychlor	71.5361	42.88867	144958	34094	4.3 2	0	0	4.9350E-04
13	23.597	Endrin Ketone	1.8788	1.12547	16240	3875	4.2 2	0	0	1.1569E-04
14	27.922	DCB	12.7105	7.52047	104537	20817	5.0 1	0	0	1.2159E-04

TOTAL AMOUNT = 166.7950

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
beta-BHC	9.79	TCX
delta-BHC	11.17	TCX
Aldrin	11.92	TCX
Hectachlor epoxide	14.13	TCX
gamma-Chlordane	15.23	TCX
alpha-Chlordane	15.41	TCX
DUF	16.48	TCX
Endosulfan II	18.84	TCX
Endosulfan sulfate	20.62	TCX

Areas, times, and heights stored in: E:\NPI19-11.AFB
Dat File = E:\NPI19-11.PTS Printed on 10-19-1998 at 18:52:52
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cps
Full Range: 300 K-Counts



000021

*** EXTERNAL STANDARD TABLE ***

***** 10-19-1994 19:59:25 Version 5.2.0 *****
 * Sample Name: WS49-02/ INDEL01 Data File: E:\NOV19-11 *
 * Date: 10-19-1994 19:26:54 Method: DLP18 10-18-1994 17:54:54 Version: *
 * Interface: 12 Cycles: 11 Operator: SC Channel: 8 Vial#: N/A *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB50X *
 * Solvent Description: HF *
 * Conditions: 1700/1min 2700/7min 340/1min 240/14min 3100/1min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.572	TCX	4.8063	3.0553%	79570	12472	6.4	0	0	5.0403E-05
3	4.142	alpha-BHC	4.7720	3.0335%	88835	16874	5.3	0	0	5.3718E-05
4	5.043	gamma-BHC	5.1210	3.2553%	98169	19247	4.9	0	0	5.8975E-05
5	6.11	Heptachlor	5.3243	3.3845%	65242	14617	4.5	0	-5024	8.1421E-05
6	6.491	Endosulfan I	5.9925	3.8993%	73037	19515	3.9	0	-3738	8.2847E-05
7	10.053	Dialdrin	11.8444	7.5445%	140440	39202	3.6	0	-4958	8.4254E-05
8	10.631	Endrin	12.4397	7.9977%	104437	29199	3.6	0	-4572	1.1911E-04
9	12.041	DDE	11.5343	7.3353%	94242	28225	3.3	0	1322	1.1748E-04
10	12.636	DDT	12.4445	7.9457%	93384	23068	4.1	0	-3875	1.1998E-04
11	15.190	Hexachlor	14.2296	14.0079%	188388	51433	3.7	0	-3224	3.5719E-04
12	15.915	Endrin Ketone	1.9554	1.1958%	26011	5619	4.6	0	-4174	4.3219E-05
13	19.355	DDE	11.8534	7.5353%	134281	34334	4.1	0	-3434	8.5047E-05

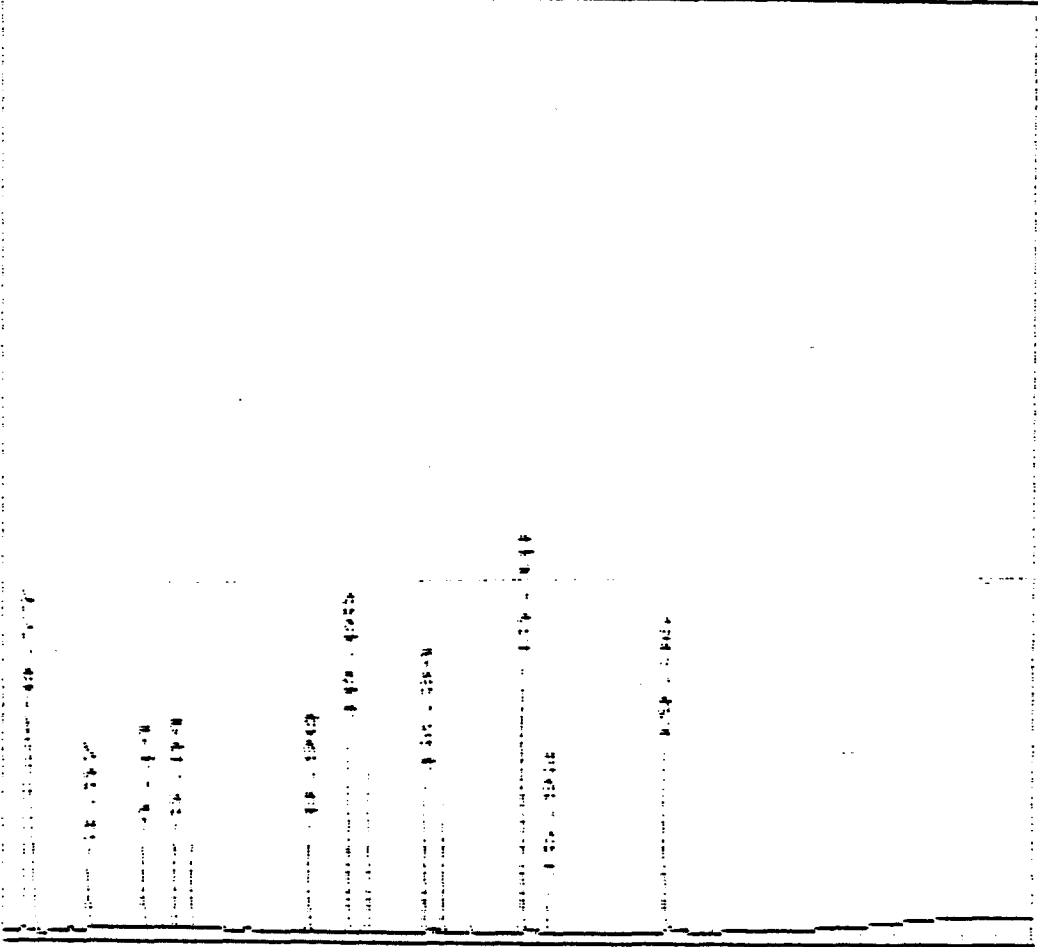
TOTAL AMOUNT = 157.3139

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
Aldrin	6.20	TCX
Beta-BHC	7.18	TCX
Gamma-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
DDE	9.82	TCX
Endosulfan II	12.28	TCX
Endrin aldehyde	13.73	TCX
Endosulfan sulfate	14.83	TCX

000022

areas, times, and heights stored in: E:\QJ19-11.AFB
Data File = E:\QJ19-11.PTS Printed on 10-14-1994 at 18:59:46
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0.00
Full Range: 200 K-Counts



000023

Output redirected to LPT1:
 Out t redirected to LPT1:

***** EXTERNAL STANDARD TABLE *****

***** 10-21-1994 15:47:37 version 5.2.0 *****
 * Sample Name: WS49-027 INDBL01 Data File: E:\NP\19-12 *
 * Date: 10-19-1994 19:00:29 Method: CLP16 10-20-1994 10:14:08 Version: 1 *
 * Interface: 12 Cycle#: 12 Operator: BL Channel: 8 Vial: 01A *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: 40#X Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 1700/1min 2700/2min 840/1min 2900/4min 8100/min *
 * Detector 0: FID Detector 1: FID *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Finding retention time: 30.00
 Area reject: 0 One sample per 1.000 sec
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

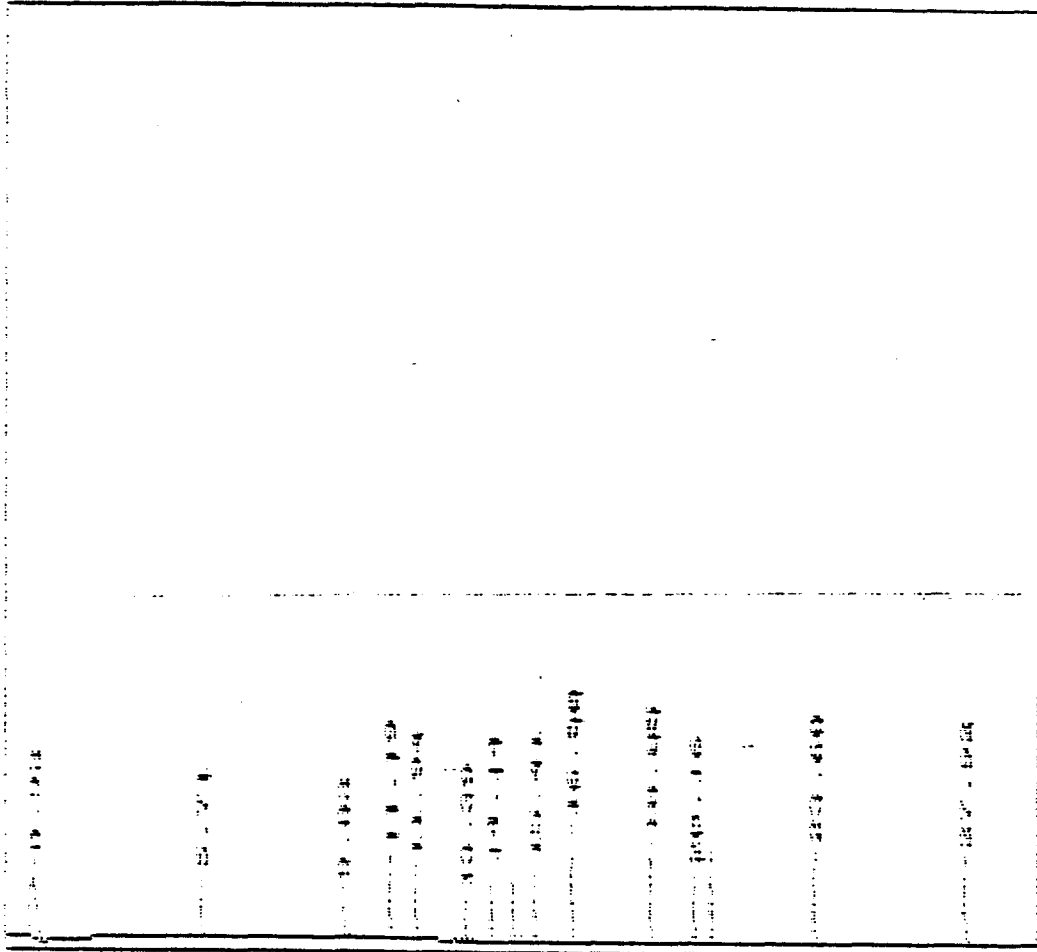
PEAK NUM.	RET TIME	PEAK NAME	CONCENTRATION In PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	DELTA RET TIME	CONC/AREA
2	5.711	TCX	6.5841	5.1707%	65618	12721	5.2 1	0	0	1.0034E-04
3	8.020	beta-BHC	6.9079	5.4245%	40298	9711	4.1 1	0	0.3374	1.7146E-04
4	11.894	delta-BHC	5.3313	4.5792%	76779	21118	3.6 1	0	0.2964	7.5950E-05
5	11.941	alpha	6.0043	4.7150%	70999	17419	4.2 1	0	0.2683	8.1141E-05
7	14.145	Heptachlor epoxide	6.8322	5.3651%	70070	17125	4.1 1	0	0.1960	4.7504E-05
8	14.779	gamma-Chlordane	6.3375	4.9756%	73585	19176	4.0 1	0	-0.1761	9.3125E-05
9	15.414	alpha-Chlordane	6.4274	5.0476%	75967	17799	4.3 1	0	0.2078	8.4609E-05
10	15.500	DDD	12.3657	9.7100%	119357	31405	3.8 1	0	0.2019	1.0447E-04
11	18.854	Endosulfan II	13.9797	10.9778%	110262	27024	4.1 1	0	0.1943	1.0679E-04
12	20.157	Endrin aldehyde	14.1707	11.1279%	72284	17631	4.1 1	0	0.1555	1.4604E-04
13	20.641	Endosulfan sulfate	13.4150	10.5344%	93318	22443	4.1 1	0	0.1585	1.4375E-04
14	23.597	Endrin Ketone	13.5814	10.6651%	99417	24431	4.0 1	0	0.1777	1.3661E-04
15	27.922	DDE	14.9081	11.7064%	109725	22908	5.0 1	0	0.1760	1.3547E-04

TOTAL AMOUNT = 127.3447

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.49	TCX
Heptachlor	10.67	TCX
Endosulfan I	15.47	TCX
Dieldrin	16.68	TCX
Endrin	18.10	TCX
DDD	18.66	TCX
DDT	19.81	TCX
Methoxychlor	23.25	TCX

Areas, times, and heights stored in: E:\PJ19-12.A18
Data File = E:\PJ19-12.PTS Printed on 10-19-1998 at 14:32:27
St : time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



Areas, times, and heights stored in: E:\PJ19-20.AT2

*** EXTERNAL STANDARD TABLE ***

***** 10-21-1994 15:52:25 Version 5.2.0 *****
 * Sample Name: WS49-02/ INDBLO1 Data File: F:\QJ19-12 *
 * Date: 10-19-1994 19:00:29 Method: TC18 10-21-1994 15:51:45 Version: 2 *
 * Interface: 12 Cycle#: 12 Operator: SC Channel: 8 Vials: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC #3 Column Type: DB1701 DB50A *
 * Solvent Description: HF *
 * Conditions: 1700/1min 2700/7min 340/1min 2700/4min 310/1min *
 * Detector 0: FID Detector 1: ECD *
 * Misc Information: LRI: *

Starting Delay: 0.000 Ending retention time: 30.000
 Area reject: 0 One sample per 1.000 sec.
 Amount injected: 1.000 Injection factor: 1.000
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION (in PPM)	NORMALIZED CONC	AREA	HEIGHT	HEIGHT BL	REF PEAK	DELTA TIME	CONC/AREA
2	2.572	TCX	5.7615	4.5015%	79157	14475	5.5 1	0	0	7.2756E-05
3	5.162	Aldrin	5.9325	4.7382%	86404	20961	4.1 1	0	.2305	6.8661E-05
4	7.148	beta-BHC	5.2995	5.0365%	47900	12639	1.8 1	0	.4393	1.3144E-04
5	7.715	delta-BHC	5.4314	4.3374%	83719	22949	3.7 1	0	.4409	5.4876E-05
6	8.155	Heptachlor epoxide	5.5518	5.2029%	83655	22215	2.9 1	0	.3939	7.8919E-05
7	8.551	Endosulfan I	3.0912	2.4509%	35498	9409	1.3 1	0	-1.455	8.5822E-05
8	9.152	gamma-Chlordane	5.4840	5.1786%	45873	23012	1.7 2	0	.3446	7.5505E-05
9	9.402	alpha-Chlordane	5.5757	5.2527%	87561	24245	1.5 2	0	.3441	7.5110E-05
10	9.759	DDT	11.7571	9.3902%	137974	36676	3.5 1	0	.2439	4.5212E-05
11	10.308	Endosulfan II	13.5636	10.8330%	133229	38585	3.5 1	0	0	1.0191E-04
12	10.551	Endrin aldehyde	11.8009	9.4252%	80572	15741	5.1 1	0	0	1.4646E-04
13	14.763	Endosulfan sulfate	13.5819	10.8476%	121701	33523	3.5 1	0	0	1.1150E-04
14	15.915	Endrin ketone	13.7419	10.9754%	125004	34349	3.5 1	0	.1595	1.0993E-04
15	19.355	DDP	14.5434	11.5954%	148573	36867	4.0 1	0	0	9.8560E-05

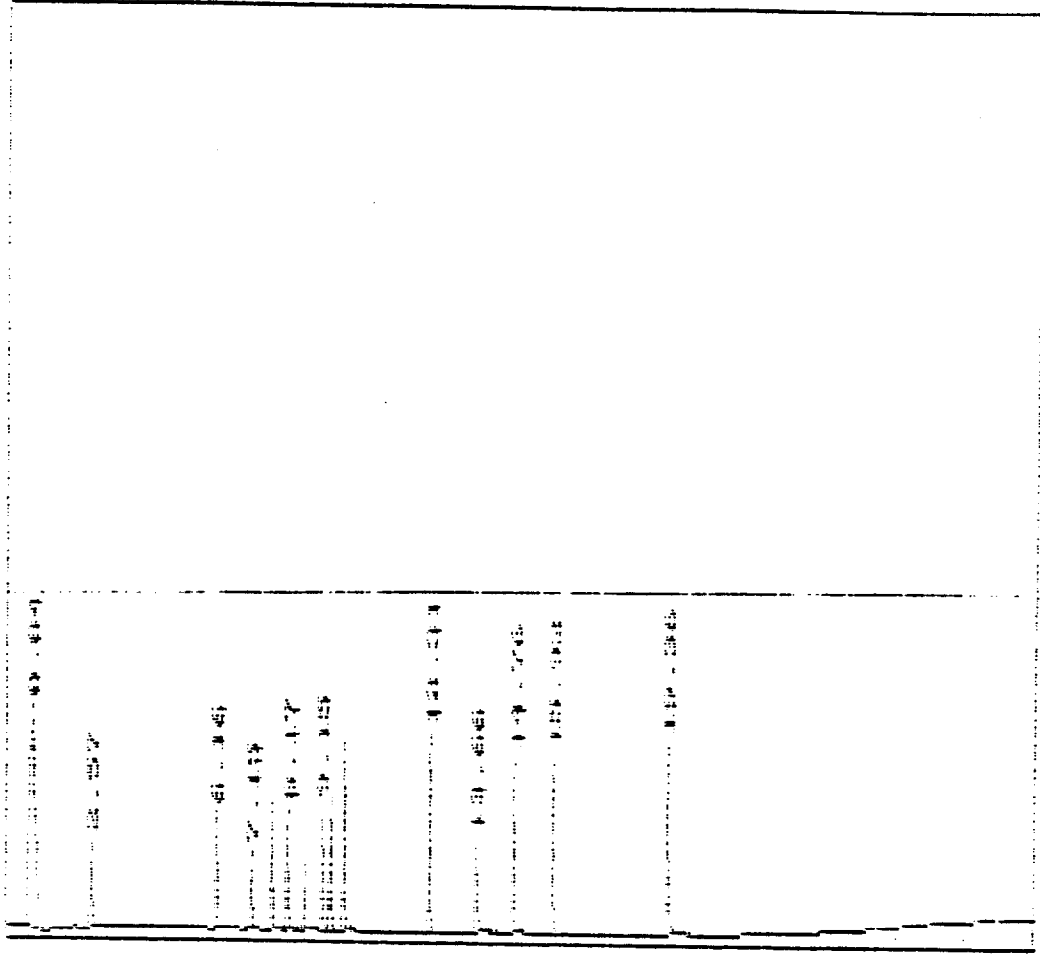
TOTAL AMOUNT = 125.2064

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	4.13	TCX
gamma-BHC	5.03	TCX
Heptachlor	5.50	TCX
Dieldrin	10.05	TCX
Endrin	10.65	TCX
DDD	12.32	TCX
DDT	12.85	TCX
Methoxychlor	15.15	TCX

000026

Areas, times, and heights stored in: E:\NOJ19-12.AFB
Data File = E:\NOJ19-12.PTS Printed on 10-19-1994 at 19:33:21
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000027

***** EXTERNAL STANDARD TABLE *****

***** 10-22-1994 05:21:37 Version 5.2.0 *****
 * Sample Name: WS49-02/ MIX A 2X Data File: E:\PJ19-13 *
 * Date: 10-19-1994 19:34:03 Method: CLP18 10-20-1994 10:19:38 Version: 1 *
 * Interface: 12 Cycle#: 13 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.595	TCX	11.5936	3.9605%	116539	21037	5.5 1	0	-2528	1.0034E-04
3	8.066	alpha-BHC	10.5237	3.5628%	149085	34292	4.3 1	0	2222	7.0588E-05
4	9.502	gamma-BHC	10.8931	3.5879%	141779	33473	4.2 1	0	1591	7.6836E-05
5	10.705	Heptachlor	11.4792	3.8863%	110900	25335	4.4 1	0	1384	1.0351E-04
6	15.499	Endosulfan I	11.9053	4.0305%	111171	27239	4.1 1	0	1590	1.0709E-04
7	16.700	Dieldrin	23.1988	7.8541%	210151	51348	4.1 1	0	0	1.1039E-04
8	18.119	Endrin	23.5551	7.9747%	152520	38930	4.1 1	0	0	1.5444E-04
9	19.47	DDD	21.9064	7.3925%	149345	40382	3.7 1	0	1412	1.4501E-04
10	21.140	DDT	21.3065	7.2134%	136350	34764	3.9 2	0	1515	1.5525E-04
11	20.157	Endrin aldehyde	3.0154	1.0209%	15381	3657	4.2 2	0	1555	1.9604E-04
12	23.295	Methoxychlor	115.5309	39.4852%	258710	59515	4.3 2	0	1895	4.5082E-04
13	23.597	Endrin Ketone	4.1551	1.4067%	30415	7454	4.1 2	0	1777	1.3561E-04
14	27.922	DDC	25.2059	8.5336%	185517	36649	5.1 1	0	1790	1.3587E-04

TOTAL AMOUNT = 295.3741

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
beta-BHC	9.79	TCX
delta-BHC	11.15	TCX
Aldrin	11.91	TCX
Heptachlor epoxide	14.12	TCX
gamma-Chlordane	14.81	TCX
alpha-Chlordane	15.38	TCX
DDD	16.47	TCX
Endosulfan II	18.83	TCX
Endosulfan sulfate	20.61	TCX

000028

***** EXTERNAL STANDARD TABLE *****

***** 10-22-1994 05:35:13 Version 5.2.0 *****
 * Sample Name: WS49-02/ MIX A 2X Data File: E:\NQT19-13 *
 * Date: 10-19-1994 19:34:03 Method: DLP16 10-22-1994 05:20:32 Version: 3 *
 * Interface: 12 Cycle#: 13 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min 40C/min 290C/4min 110C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.572	TCX	10.7116	3.5505%	147166	24099	6.1 1	0	0	7.2786E-05
3	4.142	alpha-BHC	9.7253	3.2144%	163294	33157	5.1 1	0	0.3981	5.7619E-05
4	5.043	gamma-BHC	10.3042	3.5117%	165114	34944	4.7 1	0	.2514	6.2407E-05
5	5.511	Heptachlor	11.0164	3.7544%	116728	26965	4.3 1	0	.1833	9.4375E-05
6	8.901	Endosulfan I	11.4337	3.8966%	131692	35126	3.7 1	0	.2691	8.5822E-05
7	10.053	Dieldrin	22.5943	7.5924%	258176	73551	3.5 1	0	0	9.3677E-05
8	10.571	Endrin	22.7108	7.7399%	193628	56067	3.5 1	0	.2392	1.1729E-04
9	14.341	DDD	21.9427	7.4731%	165519	52363	3.2 1	0	.5482	1.1828E-04
10	14.75	DDT	21.5916	7.3925%	151528	43397	3.5 1	0	.2842	1.4315E-04
11	13.561	Endrin aldehyde	2.1775	0.7421%	14866	3913	4.9 1	0	0	1.4646E-04
12	15.130	Methoxychlor	119.8038	40.3294%	335264	91314	3.7 1	0	.1995	3.5734E-04
13	15.915	Endrin Ketone	4.1193	1.4039%	37472	10149	3.7 1	0	.1593	1.0993E-04
14	19.355	DCE	24.3936	8.4838%	252572	60102	4.2 1	0	0	9.8550E-05

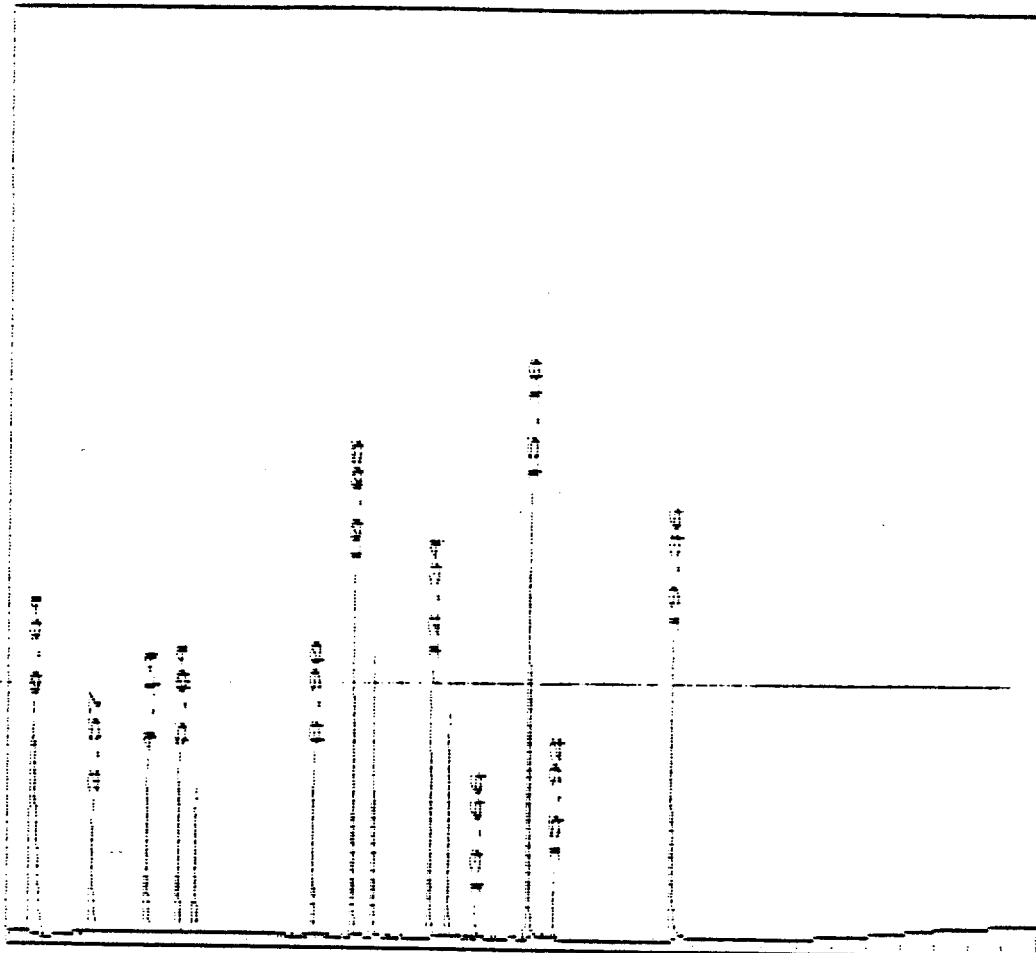
TOTAL AMOUNT = 293.4255

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
Aldrin	6.15	TCX
beta-BHC	7.12	TCX
delta-BHC	7.68	TCX
Heptachlor epoxide	8.14	TCX
gamma-Chlordane	9.12	TCX
alpha-Chlordane	9.37	TCX
DDE	9.75	TCX
Endosulfan II	12.27	TCX
Endosulfan sulfate	14.75	TCX

000030

Areas, times, and heights stored in: E:QJ19-13.ATB
Data File = E:\QJ19-13.PTS Printed on 10-22-1994 at 05:36:01
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000031

***** EXTERNAL STANDARD TABLE *****

***** 10-22-1994 05:27:11 Version 5.2.0 *****

* Sample Name: WS49-02/ MIX B 2X Data File: E:\PJ19-14 *
 * Date: 10-19-1994 20:07:36 Method: CLP18 10-22-1994 05:26:27 Version: 2 *
 * Interface: 12 Cycle#: 14 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: ME *
 * Conditions: 170C/1min 270C/7min 4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.711	TCX	12.0551	5.2139%	120142	23199	5.2 1	0	0	1.0034E-04
3	9.820	beta-BHC	12.4815	5.2983%	12796	1735	4.1 1	0	-.3376	1.7146E-04
4	11.189	delta-BHC	11.0009	4.7579%	144845	38451	3.8 1	0	.2889	7.5950E-05
5	11.941	Aldrin	11.1197	4.8093%	137042	32476	4.2 1	0	.2683	8.1141E-05
7	14.145	Heptachlor epoxide	12.3184	5.3277%	125337	29793	4.2 1	0	.1860	9.7504E-05
8	14.779	gamma-Chlordane	11.5774	5.0073%	134426	31961	4.2 1	0	-.1961	8.6125E-05
9	15.431	alpha-Chlordane	11.7422	5.0766%	138795	31322	4.4 1	0	.0562	8.4608E-05
10	16.000	DDD	22.9765	9.9374%	219927	57610	3.9 1	0	.2019	1.0447E-04
11	16.854	Endosulfan II	25.2131	10.9047%	198863	47399	4.2 1	0	.1393	1.2679E-04
12	20.157	Endrin aldehyde	25.3788	10.9764%	129455	30735	4.2 1	0	.1555	1.9604E-04
13	20.641	Endosulfan sulfate	24.4343	10.5679%	169971	42308	4.0 1	0	.1535	1.4376E-04
14	23.597	Endrin Ketone	24.7117	10.5879%	180892	43873	4.1 1	0	.1777	1.3661E-04
15	27.922	DCS	26.2027	11.3327%	192853	39954	4.9 1	0	.1790	1.3587E-04

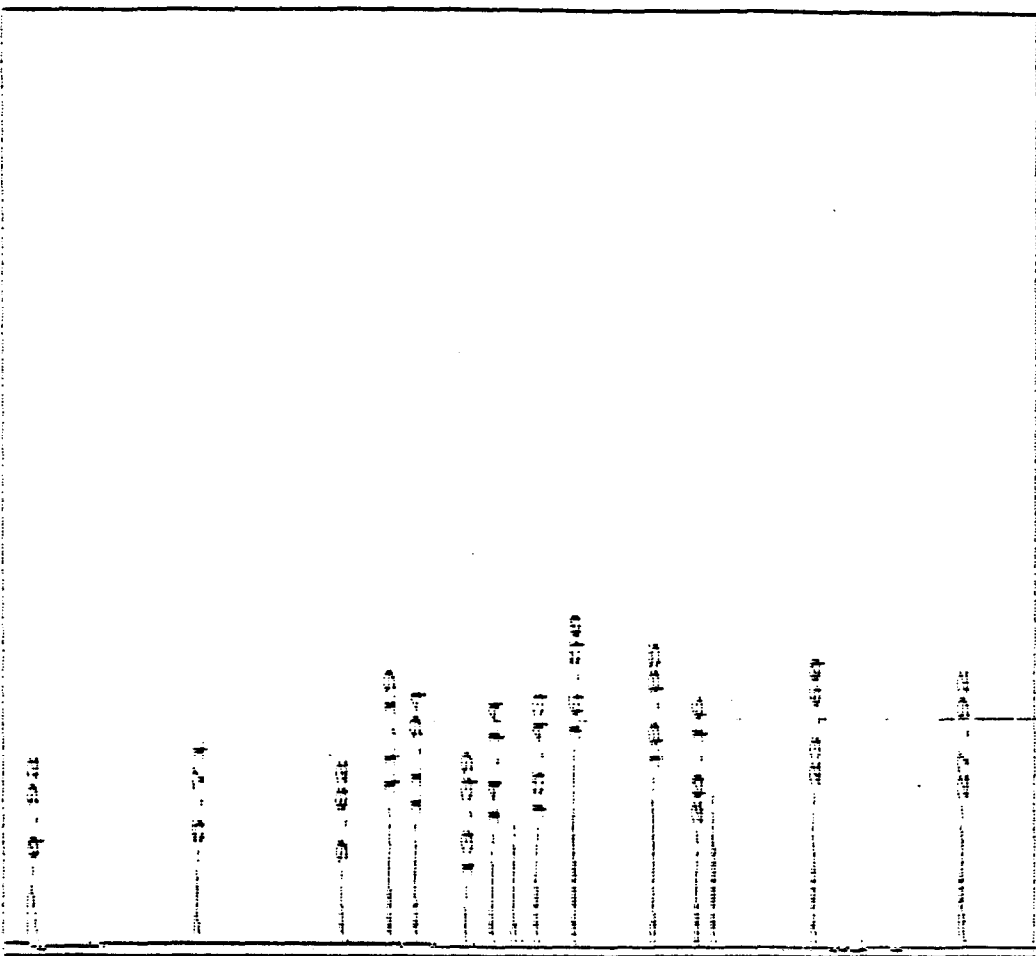
TOTAL AMOUNT = 231.2123

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.49	TCX
Heptachlor	10.67	TCX
Endosulfan I	15.48	TCX
Dieldrin	16.68	TCX
Endrin	18.10	TCX
DDD	18.66	TCX
DDT	19.81	TCX
Methoxychlor	23.25	TCX

Data File = E:\NPJ19-14.PTS Printed on 10-22-1994 at 05:22:37
Start time: 0.00 min. Stop time: 30.00 min. Offset:
Full Range: 300 K-Counts

0 cts



***** EXTERNAL STANDARD TABLE *****

***** 10-22-1994 05:38:59 Version 5.2.0 *****
 * Sample Name: WS49-02/ MIX B 2X Data File: S:\QJ19-14 *
 * Date: 10-19-1994 20:07:36 Method: DLP18 10-22-1994 05:38:27 Version: *
 * Interface: 12 Cycle#: 14 Operator: SC Channel: 2 Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPI1: *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.572	TCX	11.1241	4.3392%	152832	25568	5.9 1	0	0	2.2786E-05
3	6.162	Aldrin	11.1410	4.3465%	162261	38521	4.2 1	0	.2005	6.3661E-05
4	7.148	beta-BHC	11.8808	5.1684%	90353	23331	3.9 1	0	.4393	1.3149E-04
5	7.715	delta-BHC	10.4058	4.5272%	160411	43154	3.7 1	0	.4609	6.4876E-05
6	8.156	Heptachlor epoxide	11.8880	5.1715%	151790	41091	3.7 1	0	.3839	7.9319E-05
7	8.631	Endosulfan I	5.4722	2.0805%	63028	16700	3.8 1	0	-2.455	8.6822E-05
8	7.152	gamma-Chlordane	11.7578	5.1149%	155722	41421	3.8 2	0	.3646	7.5505E-05
9	7.402	alpha-Chlordane	11.9006	5.1770%	158442	43332	3.7 2	0	.3441	7.5110E-05
10	9.786	DDE	22.0293	9.5832%	258523	76880	3.5 1	0	.4153	8.5212E-05
11	12.308	Endosulfan II	24.4836	10.6509%	240490	69105	3.5 1	0	0	1.0181E-04
12	13.651	Endrin aldehyde	22.4134	9.7524%	153066	27827	5.5 1	0	0	1.4646E-04
13	14.763	Endosulfan sulfate	24.4537	10.6379%	219118	60576	3.6 1	0	0	1.1160E-04
14	15.915	Endrin Ketone	24.7967	10.7871%	225564	60770	3.7 1	0	.1698	1.0993E-04
15	19.355	DDE	26.1217	11.3635%	265022	63017	4.2 1	0	0	9.3560E-05

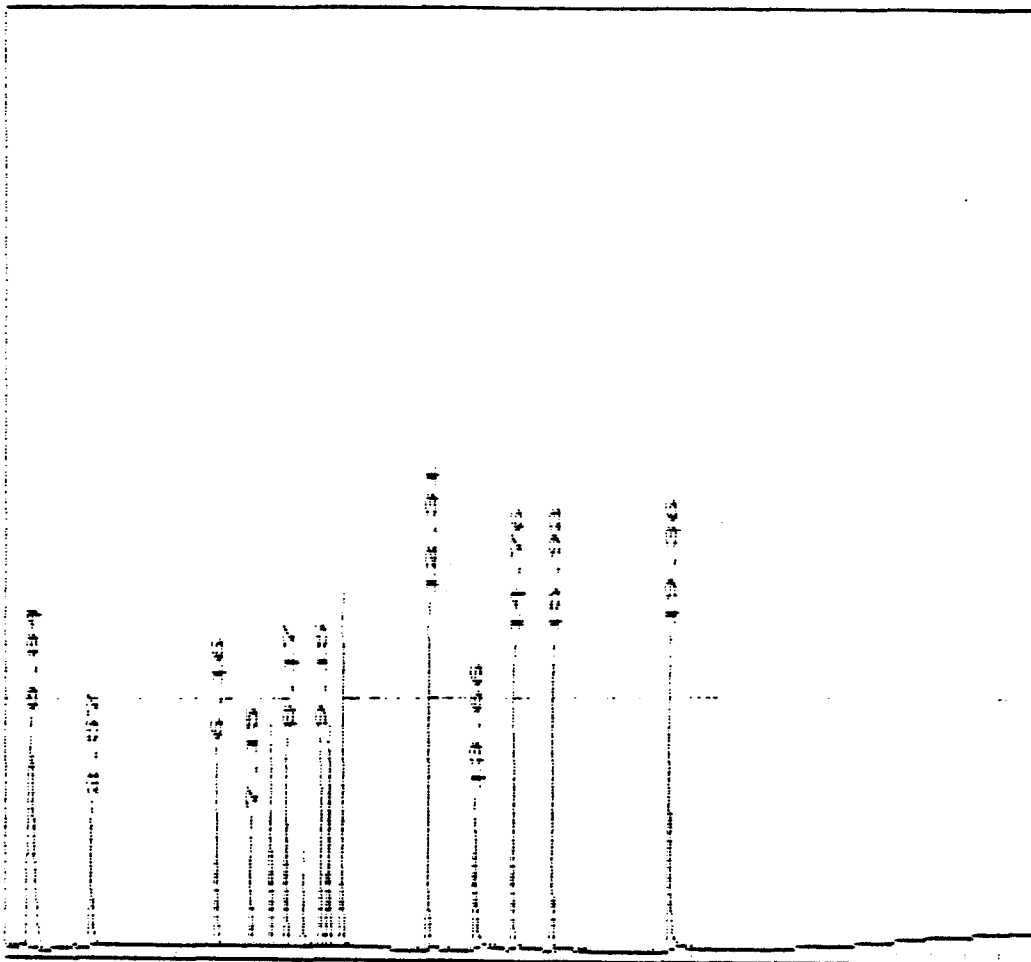
TOTAL AMOUNT = 229.8747

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.13	TCX
gamma-BHC	5.03	TCX
Heptachlor	5.50	TCX
Dieldrin	10.05	TCX
Endrin	10.65	TCX
DOD	12.33	TCX
DDT	12.85	TCX
Methoxychlor	15.15	TCX

000034

Areas, times, and heights stored in: E:\GJ19-14.ATB
Data File = E:\GJ19-14.PTS Printed on 10-22-1994 at 05:39:40...
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000035

Output redirected to LPT1:

USE 1027 L Processed: 10-14-1994 21:11:17. Segment 15. Cycle 15

RAW DATA SAVED IN FILE E:\NP119-15.PTS Second Channel Stored in E:\NP119-15.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 21:12:48 Version 5.2.0 *****

* Sample Name: WS44-027 (ND6M01) Data File: E:\NP119-15

* Date: 10-14-1994 20:41:12 Method: GUPK 10-18-1994 17:56:42 Version: 04

* Interface: 12 Cycles: 15 Operator: 01 Channel: 4 Vials: 4

* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500

* Instrument Type: GC43 Column Type: DB1/01 DB60X

* Solvent Description: HE

* Conditions: 1700/min 2700/min 40/min 2900/min 1100/min

* Detector 0: FID Detector 1: ECD

* Misc. Information: LPT1: *

Starting Delay: 0.00 Ending Retention Time: 30.00

Area reject: 0 One sample per 1.002 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	9.495	TCX	18.8135	3.3152%	221423	42085	5.3 1	0	.2941	8.4956E-05
3	9.66	alpha-BHC	19.5144	3.4387%	292429	66216	4.4 1	0	.2074	6.5730E-05
4	9.502	gamma-BHC	20.0125	3.5265%	273786	67497	4.1 1	0	.3527	7.3095E-05
5	10.688	Heptachlor	19.4488	3.4272%	297491	48291	4.3 1	0	.1564	9.3703E-05
6	11.424	Aldrin	0.5032	0.0887%	7391	1481	5.0 1	0	0	6.4091E-05
7	15.169	gamma-Chlordane	0.3494	0.0704%	5394	1292	4.2 1	0	-.3239	7.4049E-05
8	15.481	Endosulfan I	21.8625	3.8525%	207418	59309	4.1 1	0	-.1077	1.0540E-04
9	16.683	Dieldrin	44.2395	7.7956%	399279	95162	4.2 1	0	0	1.1880E-04
10	18.103	Endrin	46.7864	8.2444%	287777	69087	4.2 1	0	.1250	1.6258E-04
11	18.671	DDO	43.6115	7.6850%	288812	75899	3.8 1	0	0	1.5100E-04
12	19.922	DDT	43.9046	7.766%	262241	67685	4.3 2	0	0	1.6742E-04
13	20.140	Endrin aldehyde	4.5315	0.7985%	27599	6622	4.2 2	0	0	1.6419E-04
14	23.263	Heptachlor	235.9232	41.5730%	478065	112229	4.3 2	0	0	4.9350E-04
15	23.580	Endrin ketone	6.9480	1.2243%	60057	14101	4.3 2	0	0	1.1569E-04
17	27.906	DDC	40.9920	7.2234%	337136	68245	5.1 1	0	-.0598	1.2154E-04

TOTAL AMOUNT = 567.4910

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
beta-BHC	9.79	TCX
delta-BHC	11.17	TCX
Heptachlor epoxide	14.13	TCX
alpha-Chlordane	15.41	TCX
DDO	16.48	TCX
Endosulfan II	18.84	TCX
Endosulfan sulfate	20.62	TCX

000036

***** EXTERNAL STANDARD TABLE *****

```

***** 10-19-1994 21:13:42 Version 5.2.0 *****
* Sample Name: W549-02/ INDRAM01      Data File: F:\Q113-15
* Date: 10-19-1994 20:41:12 Method: DLP18 10-18-1994 17:56:58 Version:
* Interface: 12 Cycles: 15 Operator: SC Channel: 8 Vials: N/A
* Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000
*****
* Instrument Type: GC/MS Column Type: DB1701 DB-17
* Solvent Description: HF
* Conditions: 1700/1min 2700/7min 450/1min 2700/4min 8100/1min
* Detector 0: ECD Detector 1: ECD
* Misc. Information: LPT1:
*****
Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.00% sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample weight: 1.00000
    
```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.572	TCX	17.0287	3.1585%	281917	48394	5.8 1	0	0	5.3403E-05
3	4.142	alpha-BHC	18.4152	3.4157%	342816	68353	5.0 1	0	0	5.3718E-05
4	5.027	gamma-BHC	19.8378	3.4941%	324372	73240	4.4 1	0	-0.3311	5.8075E-05
5	5.511	Heptachlor	17.9032	3.3208%	219984	52106	4.2 1	0	-0.6024	3.1421E-05
6	8.84	Endosulfan I	20.1705	3.7413%	245842	67853	3.6 1	0	-0.5607	2.2047E-05
7	10.037	Dieldrin	41.3131	7.5624%	490254	130302	3.8 1	0	-0.6611	3.4284E-05
8	10.655	Endrin	44.0204	8.1651%	369573	109396	3.4 1	0	-0.8230	1.1911E-04
9	12.325	DDO	42.1979	7.8270%	359261	47501	3.7 1	0	0	1.1744E-04
10	12.859	DDT	43.5942	8.1046%	291482	35324	3.4 1	0	-0.5167	1.4940E-04
11	13.661	Endrin aldehyde	3.4008	0.6308%	28821	5792	5.0 1	0	-0.4866	1.1800E-04
12	15.154	Methoxychlor	225.5409	42.3195%	515464	168098	3.7 1	0	-0.4385	3.5748E-04
14	15.415	Endrin ketone	6.5885	1.2221%	70678	18862	3.7 1	0	-0.4174	3.3214E-05
15	19.339	OCB	39.0178	7.2372%	458781	110936	4.1 1	0	-0.4244	3.5047E-05

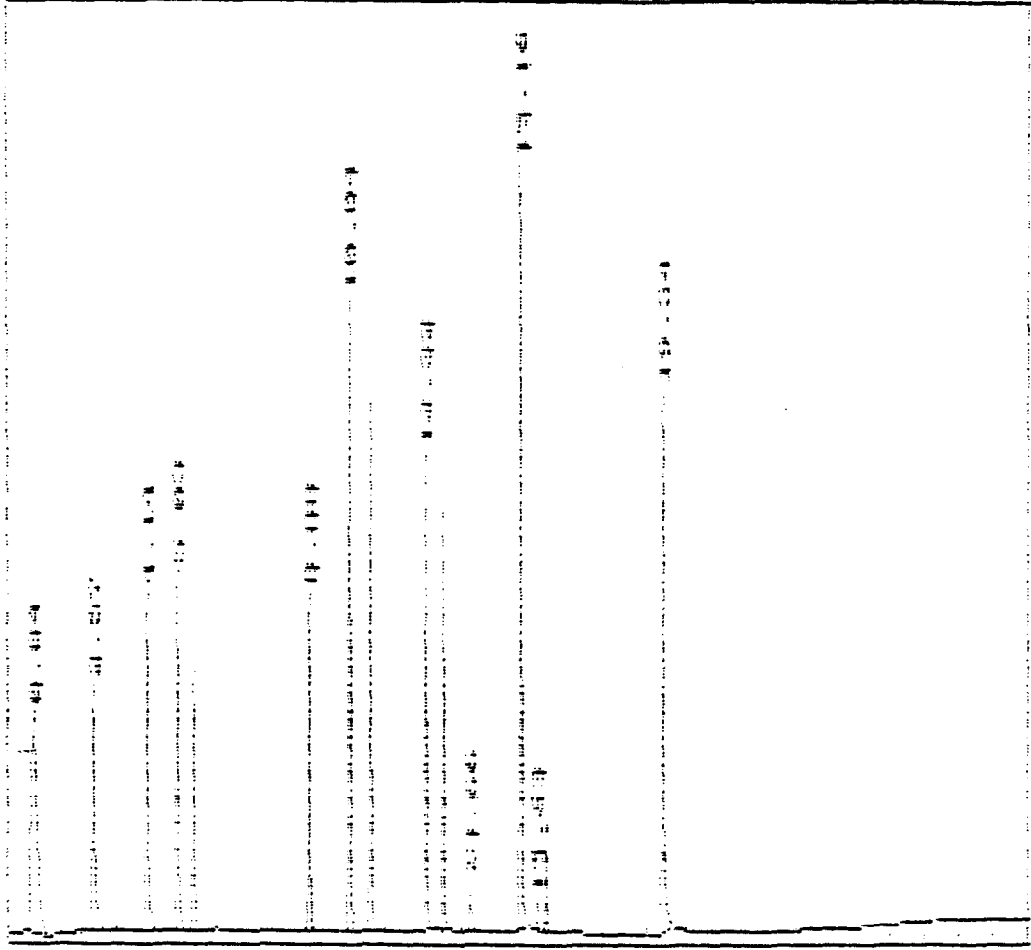
TOTAL AMOUNT = 539.1290

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
Aldrin	6.20	TCX
beta-BHC	7.18	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
DOE	9.92	TCX
Endosulfan II	12.28	TCX
Endosulfan sulfate	14.93	TCX

000038

Areas, times, and heights stored in: E:\NUJ14-15.P18
Data File = E:\NUJ14-15.P18 Printed on 10-19-1994 at 21:14:04
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Fu. Range: 200 K-Counts



000039

***** EXTERNAL STANDARD TABLE *****

```

***** 10-21-1994 15:49:46 Version 5.2.0 *****
* Sample Name: WS49-02/ INDRM01      Data File: E:\P119-16
* Date: 10-19-1994 21:14:48 Method: CLP18 10-20-1994 10:19:38 Variation: 1
* Interface: 12 Cycle#: 16 Operator: SC Channel: A Vials: N/A
* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500
*****
* Instrument Type: GCMS Column Type: DB1701 15%DB
* Solvent Description: H2
* Conditions: 1700/min 2700/min 40/min 240/min 100/min
* Detector 0: FID Detector 1: FID
* Misc. Information: LPI1
*****
Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.000 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample weight: 1.00000
    
```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPM	NORMALIZED CONC	AREA	HEIGHT	WIDTH	OFF PEAK	RET TIME	CONCENTRA
2	8.696	TOX	23.1571	5.2382%	230985	45043	5.1 1	0	8.2514	1.0034E-04
3	9.786	beta-BHC	23.4256	5.2470%	136632	22279	4.1 1	0	9	1.7146E-04
4	10.633	Heptachlor	0.9906	0.1991%	9507	1328	6.4 1	0	10.3174	1.0351E-04
5	11.172	delta-BHC	21.8763	4.9455%	288027	77363	5.7 1	0	10.992	7.5450E-05
6	12.324	Aldrin	21.7591	4.9199%	258162	61492	4.3 1	0	10.981	8.1141E-05
8	13.124	Heptachlor epoxide	23.3494	5.2735%	239470	59709	4.1 1	0	9	9.7504E-05
9	14.153	gamma-Chlordane	22.3753	5.0549%	259801	61771	4.2 1	0	10.989	8.6125E-05
10	15.397	alpha-Chlordane	22.5913	5.1082%	257017	62456	4.3 1	0	10.993	8.4588E-05
11	16.493	DDD	45.0180	10.1799%	470985	113141	3.8 1	0	10.995	1.0447E-04
12	18.458	Endosulfan II	47.6179	10.7664%	375577	87214	4.3 1	0	9	1.2574E-04
13	20.140	Endrin aldehyde	47.9153	10.8115%	243983	55989	4.4 1	0	9	1.7484E-04
14	20.608	Endosulfan sulfate	46.7595	10.5726%	325271	78276	4.2 1	0	9	1.4376E-04
15	23.554	Endrin Ketone	47.0474	10.5379%	344391	83123	4.1 1	0	9.954	1.3561E-04
17	27.989	DCB	48.5784	10.9841%	357539	71900	5.0 1	0	9	1.3587E-04

TOTAL AMOUNT = 442.2626

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	8.05	TOX
gamma-BHC	9.49	TOX
Endosulfan I	15.47	TOX
Dieldrin	16.68	TOX
Endrin	18.10	TOX
DDD	18.66	TOX
DDT	19.81	TOX
Methoxychlor	23.25	TOX

000040

* *** EXTERNAL STANDARD TABLE *****

***** 10-19-1994 21:47:19 Version 5.2.0 *****
 * Sample Name: WS49-02/ IN08M01 Data File: E:\QJ19-16 *
 * Date: 10-19-1994 21:14:48 Method: DLP18 10-18-1994 17:56:58 Version: 4*
 * Interface: 12 Cycle#: 16 Operator: SC Channel: 8 Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DBA08 *
 * Solvent Description: HF *
 * Conditions: 170C/1min 270C/7min 340C/min 240C/4min #100/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.572	TCX	19.0058	5.0693%	298094	51692	3.8 1	0	0	6.0403E-05
3	6.146	Aldrin	17.7464	4.9463%	319545	78632	4.1 1	0	-1.8086	5.5536E-05
4	7.131	beta-BHC	18.2548	5.1394%	172108	44796	3.8 1	0	-1.6976	1.0607E-04
5	6.99	delta-BHC	17.2290	4.8504%	326295	92514	3.5 1	0	-1.6445	5.2799E-05
6	8.150	Heptachlor epoxide	18.2172	5.1289%	299998	76141	3.8 1	0	-1.6110	6.2505E-05
8	8.884	Endosulfan I	1.0019	0.2921%	12212	2583	4.5 2	0	-1.5407	8.0947E-05
9	9.135	gamma-Chlorodane	18.3742	5.1731%	299013	83535	3.6 2	0	-1.7254	5.1450E-05
10	9.385	alpha-Chlorodane	18.6667	5.2554%	303566	93254	3.6 2	0	-1.7057	5.1491E-05
11	9.753	DDP	36.7758	10.3538%	518982	145913	3.6 1	0	-1.6802	7.0861E-05
12	12.274	Endosulfan II	37.4805	10.5522%	456092	123336	3.7 1	0	-1.9447	8.2178E-05
13	13.644	Endrin aldehyde	36.1293	10.1719%	306183	54726	5.5 1	0	-1.6092	1.1800E-04
14	14.746	Endosulfan sulfate	36.0479	10.1489%	416226	107305	3.9 1	0	-1.5430	8.6607E-05
15	15.998	Endrin Ketone	39.8235	11.2119%	427205	120500	3.5 1	0	-1.5224	9.3219E-05
16	19.339	DBP	41.4391	11.5667%	487251	113712	4.3 1	0	-1.4294	8.5047E-05

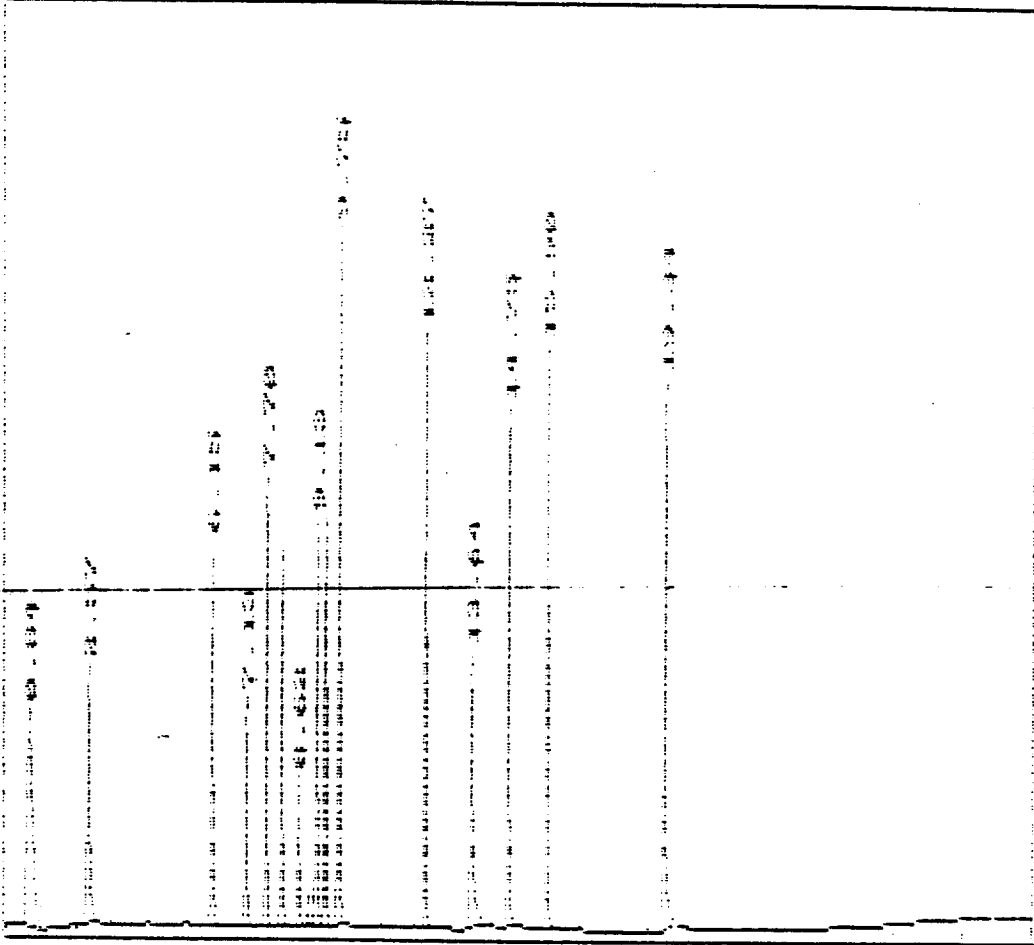
TOTAL AMOUNT = 355.1912

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Dieldrin	10.10	TCX
Endrin	10.72	TCX
DDD	12.32	TCX
DDT	12.93	TCX
Methoxychlor	15.23	TCX

000042

Areas, times, and heights stored in: E:\XQJ19-16.A18
Data File = E:\XQJ19-16.P16 Printed on 10-19-1994 at 21:27:20
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000043

***** EXTERNAL STANDARD TABLE *****

XXXXXXXXXXXXXXXXXXXX 10-22-1994 05:23:53 Version 5.2.0 **
 * Sample Name: WS49-02/ MIX A 8X Data File: E:\PJ19-17 *
 * Date: 10-19-1994 21:48:21 Method: F:\CLP18 10-20-1994 10:19:38 Version: 1

* Interface: 12 Cycle#: 17 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.595	TCX	42.2157	3.9384%	420725	78403	5.4 1	0	-.2523	1.3034E-04
4	8.049	alpha-BHC	41.3123	3.8542%	585255	134768	4.3 1	0	0	7.9588E-05
5	9.485	gamma-BHC	41.4901	3.9707%	539981	134735	4.0 1	0	0	7.5836E-05
7	10.571	Heptachlor	41.7743	3.8973%	403581	92225	4.4 1	0	0	1.0351E-04
8	11.924	Aldrin	1.2293	0.1147%	15150	2952	5.1 1	0	.1281	3.1141E-05
9	15.454	gamma-Chlordane	0.8847	0.0825%	10273	2370	4.3 2	0	2.397	3.5125E-05
10	15.464	Endosulfan I	42.5018	3.9745%	397812	94141	4.2 2	0	0	1.3709E-04
11	16.465	DDE	0.5040	0.0553%	5781	1538	3.8 1	0	0	1.0447E-04
12	16.557	Dieldrin	85.1221	7.9413%	771095	179774	4.3 1	0	-.1027	1.1039E-04
13	18.985	Endrin	84.9357	7.9240%	549959	129598	4.2 1	0	-.1004	1.5444E-04
14	18.554	DOD	93.4574	7.7850%	571573	149439	3.8 1	0	0	1.4601E-04
15	19.905	DOT	31.5533	7.5093%	521960	135737	3.8 2	0	0	1.5625E-04
16	20.123	Endrin aldehyde	10.5051	0.9894%	54095	12557	4.3 2	0	0	1.3604E-04
17	20.474	Endosulfan sulfata	0.7983	0.0745%	5553	1255	4.4 1	0	-.6517	1.4375E-04
19	23.253	Methoxychlor	411.9290	38.4302%	913739	213364	4.3 2	0	0	4.5082E-04
20	23.554	Endrin Ketone	15.1574	1.5074%	118274	28214	4.2 2	0	.0359	1.3661E-04
23	27.359	DCE	85.2073	7.9493%	527129	125948	5.0 1	0	0	1.3587E-04

TOTAL AMOUNT = 1071.3889

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
beta-BHC	9.79	TCX
delta-BHC	11.16	TCX
Heptachlor epoxide	14.12	TCX
alpha-Chlordane	15.38	TCX
Endosulfan II	18.83	TCX

000044

***** EXTERNAL STANDARD TABLE *****

***** 10-22-1994 05:36:43 Version 5.2.0 *****
 * Sample Name: WS49-02/ MIX A 8X Data File: E:\AQJ19-17 *
 * Date: 10-19-1994 21:48:21 Method: DLP18 10-22-1994 05:20:32 Version: 3 *
 * Interface: 12 Cycle#: 17 Operator: SC Channel: 8 Vial#: N.A. *
 * Starting Peak Width: 15 Thrashold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.555	TCX	41.1250	3.8279%	565024	95070	5.9	0	-1.6417	7.2786E-05
3	4.125	alpha-BHC	40.6831	3.7867%	706068	151750	4.7	0	0	5.7519E-05
4	5.027	gamma-BHC	41.0365	3.8196%	657567	151257	4.3	0	0	6.2407E-05
5	5.494	Heptachlor	41.1554	3.8307%	436079	107566	4.1	0	-1.202	9.4376E-05
6	6.146	Aldrin	1.0456	0.0973%	15228	2953	5.1	0	0	6.8661E-05
7	8.368	Endosulfan I	41.5556	3.8679%	478632	127324	3.8	0	0	8.5822E-05
8	9.037	Dieldrin	84.6426	7.8784%	954503	260556	3.7	0	-1.144	6.8577E-05
9	10.938	Endrin	84.3228	7.8486%	718921	209325	3.4	0	0	1.1729E-04
10	12.308	000	83.2333	7.7472%	703715	189319	3.7	0	1.2751	1.1828E-04
11	12.342	DDT	82.5323	7.6819%	576537	169260	3.4	0	0	1.4315E-04
12	13.644	Endrin aldehyde	8.7609	0.8154%	59816	11249	5.3	0	-1.079	1.4646E-04
13	15.147	methoxychlor	423.6747	39.4348%	1185628	319805	3.7	0	0	3.5734E-04
15	15.398	Endrin Ketone	15.5993	1.4519%	141899	37463	3.8	0	0	1.0993E-04
17	19.322	OC3	85.0000	7.9116%	862415	200512	4.3	0	-1.658	9.8560E-05

TOTAL AMOUNT = 1074.3680

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
beta-BHC	7.12	TCX
delta-BHC	7.68	TCX
heptachlor epoxide	8.14	TCX
gamma-Chlordane	9.12	TCX
alpha-Chlordane	9.37	TCX
ODE	9.75	TCX
Endosulfan II	12.27	TCX
Endosulfan sulfate	14.75	TCX

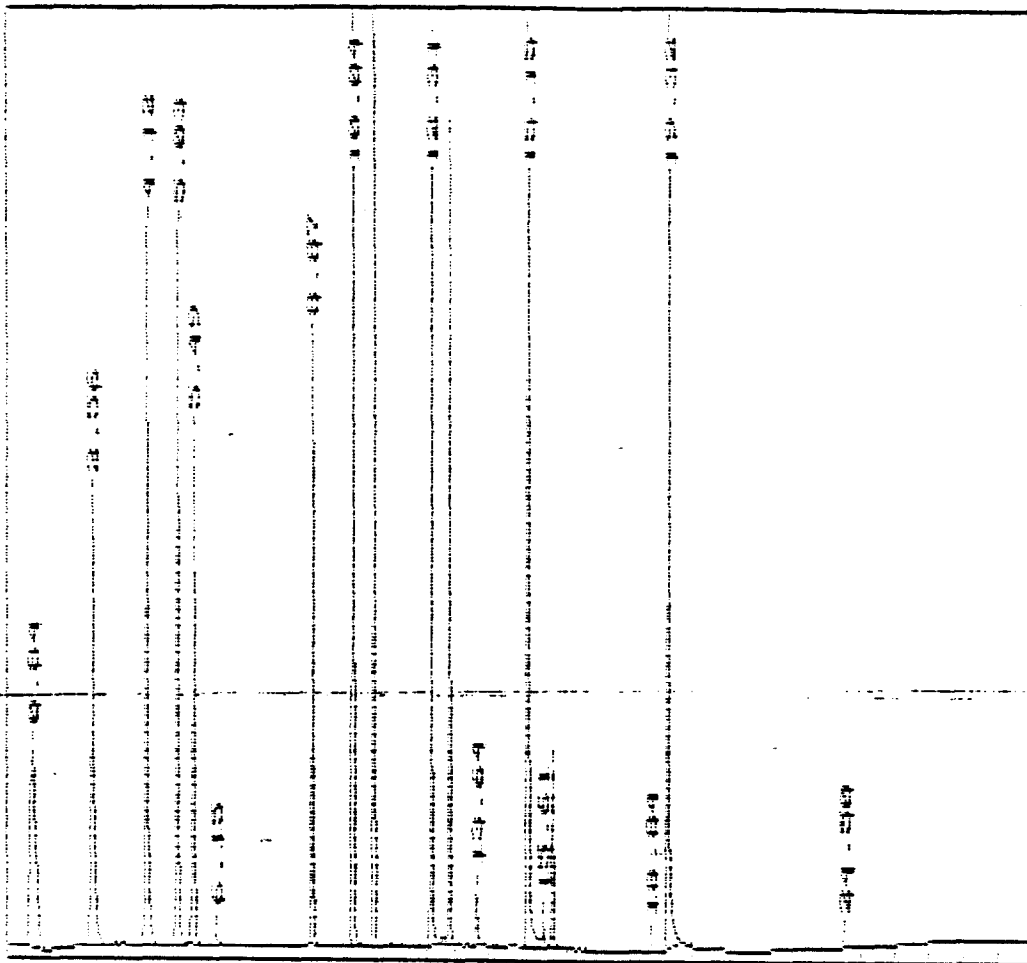
000046

Areas, times, and heights stored in: E:QJ19-17.ATB

Data File = E:\QJ19-17.PTS Printed on 10-22-1994 at 05:37:09

Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts

Full Range: 200 K-Counts



Areas, times, and heights stored in: E:\PJ19-14.ATB

***** EXTERNAL STANDARD TABLE *****

** ***** 10-22-1994 05:32:38 Version 5.2.0 *****
 * Sample Name: WS49-02/ MIX B 8X Data File: E:\PJ19-16 *
 * Date: 10-19-1994 22:21:55 Method: CLP18 10-22-1994 05:26:27 Version: 2 *
 * Interface: 12 Cycle#: 18 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#2 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @40/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
3	6.678	TCX	42.3225	5.2292%	421790	79270	5.3 1	0	-0.953	1.0034E-04
6	9.736	Beta-BHC	42.5286	5.2457%	249041	61062	4.1 1	0	0	1.7146E-04
7	10.638	Heptachlor	1.5813	0.1950%	15277	2294	6.7 1	0	-0.3174	1.0351E-04
8	11.156	delta-BHC	41.5266	5.1221%	546764	141375	3.9 1	0	0	7.5950E-05
9	11.907	Aldrin	41.9464	5.1615%	515721	117612	4.4 1	0	0	3.1141E-05
12	11	Heptachlor epoxide	42.5653	5.2592%	436547	101908	4.3 1	0	0	9.7504E-05
13	14.746	gamma-Chlordane	41.6751	5.1404%	483892	116040	4.2 1	0	-1.4217	3.6125E-05
14	15.381	alpha-Chlordane	41.9723	5.1770%	496090	111101	4.5 1	0	-1.2585	3.4608E-05
15	16.466	DDE	33.9919	10.3599%	603957	208188	3.9 1	0	0	1.0447E-04
16	18.321	Endosulfan II	35.5658	10.5541%	674893	161470	4.2 1	0	0	1.2679E-04
17	19.366	DDT	0.9594	0.1060%	5500	1033	4.1 1	0	-1.534	1.5626E-04
18	20.123	Endrin aldehyde	35.7954	10.5824%	437637	103842	4.2 1	0	0	1.9604E-04
19	20.508	Endosulfan sulfate	35.2102	10.5102%	592743	142177	4.2 1	0	0	1.4376E-04
21	22.979	Methoxychlor	2.6335	0.3248%	5842	1343	4.3 1	0	-1.175	4.5082E-04
22	23.564	Endrin Ketone	35.1164	10.4986%	623060	149063	4.2 1	0	0.0359	1.3661E-04
24	27.389	DDE	35.5466	10.5517%	629627	123209	5.1 1	0	0	1.3587E-04

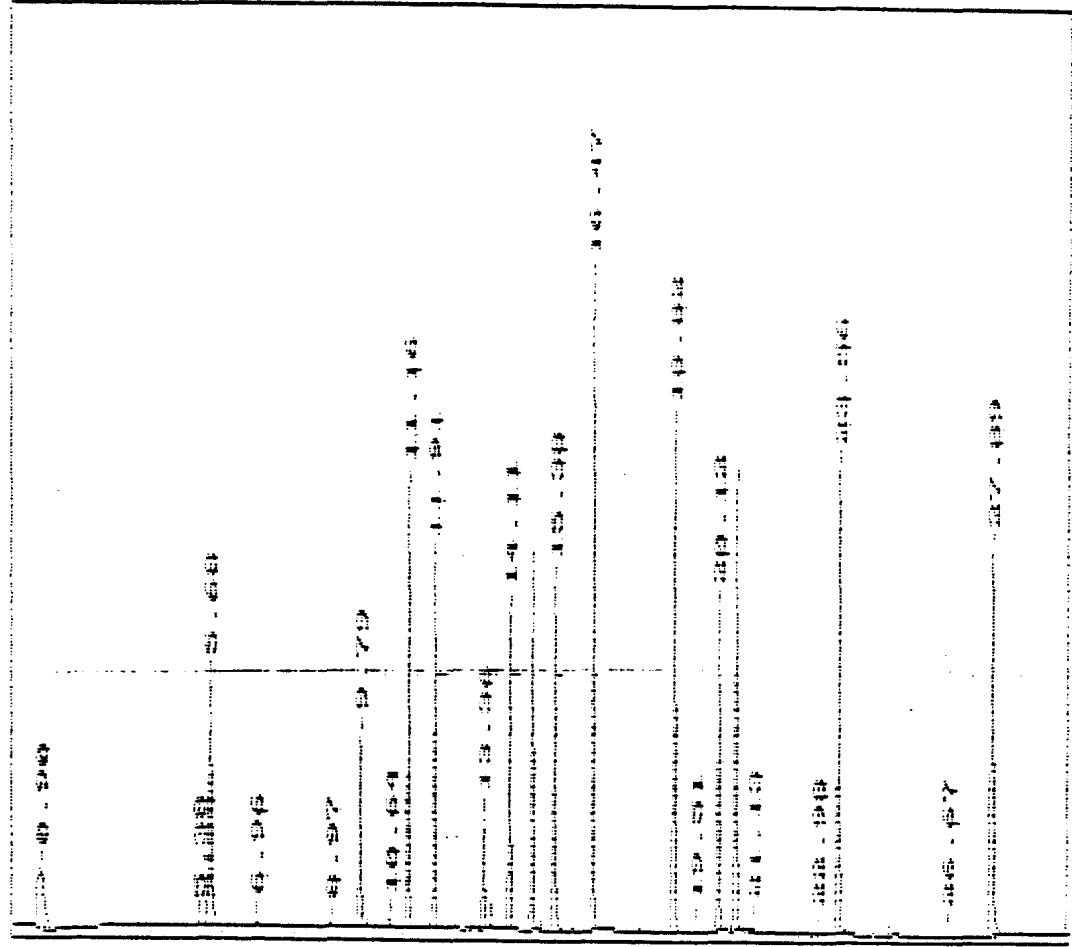
TOTAL AMOUNT = 310.7373

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.49	TCX
Endosulfan I	15.48	TCX
Dieldrin	16.68	TCX
Endrin	18.10	TCX
DDD	18.66	TCX

000048

Data File = E:\NJI19-18.PTS Printed on 10-22-1994 at 05:41:22
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



000043

***** EXTERNAL STANDARD TABLE *****

```

** ***** 10-22-1994 05:40:23 Version 5.2.0 *****
* Sample Name: WS49-02/ MIX B 8X Data File: E:\QJ19-18 *
* Date: 10-19-1994 22:21:55 Method: DLP18 10-22-1994 05:38:27 Version: 4 *
* Interface: 12 Cycle#: 16 Operator: SC Channel: E Vial#: N.A. *
* Starting Peak Width: 15 Threshhold: 15 Area Threshold: 3000 *
*****
* Instrument Type: GC#3 Column Type: DB1701 DB608 *
* Solvent Description: HE *
* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
* Detector 0: ECD Detector 1: ECD *
* Misc. Information: LPT1: *
*****

```

```

Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.002 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.555	TCX	41.5985	5.1864%	571517	97228	5.9	0	-0.6417	7.2786E-05
3	5.146	Aldrin	41.5091	5.1754%	504552	143514	4.2	0	0	6.8661E-05
4	7.114	beta-BHC	41.9720	5.2332%	319195	80493	4.0	0	0	1.3149E-04
5	7.599	delta-BHC	41.1665	5.1227%	634543	176714	3.6	0	0.2434	6.4876E-05
6	8.133	Heptachlor epoxide	42.1772	5.2587%	538533	144022	3.7	0	0	7.8319E-05
8	9.884	Endosulfan I	2.0302	0.2531%	22383	4750	4.7	0	0.1808	8.6822E-05
9	11.118	gamma-Chlordane	41.9425	5.2295%	555496	144244	3.9	0	0	7.5505E-05
10	9.359	alpha-Chlordane	42.0927	5.2482%	560413	152155	3.7	0	0	7.5110E-05
11	9.753	DDD	83.2163	10.3756%	976578	270774	3.6	0	0.0725	8.5212E-05
12	10.955	Endrin	1.9112	0.2383%	16295	4197	3.9	0	2.906	1.1729E-04
14	12.274	Endosulfan II	84.3236	10.5136%	828267	237837	3.5	0	-0.2721	1.0181E-04
15	13.627	Endrin aldehyde	82.4044	10.2744%	562627	100647	5.6	0	-0.2301	1.4645E-04
17	14.729	Endosulfan sulfate	84.5475	10.5540%	758485	205953	3.7	0	-0.1660	1.1160E-04
18	15.882	Endrin Ketone	85.0484	10.5840%	773646	213638	3.6	0	-0.0404	1.0993E-04
20	19.322	DDT	85.9995	10.7226%	872557	204100	4.3	0	-0.1558	9.3560E-05

TOTAL AMOUNT = 802.0396

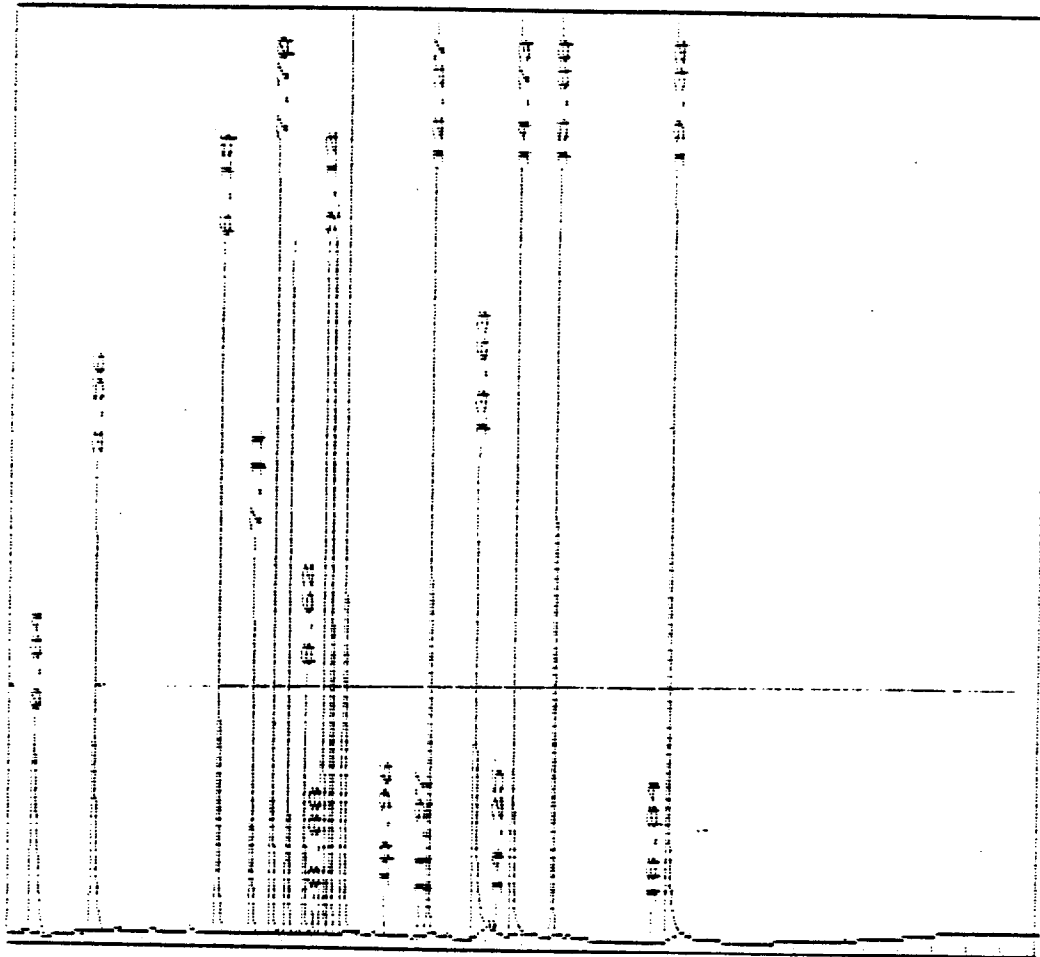
PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.13	TCX
gamma-BHC	5.03	TCX
Heptachlor	5.50	TCX
Dieldrin	10.05	TCX
DDD	12.33	TCX
DDT	12.85	TCX
Methoxychlor	15.15	TCX

000050

Areas, times, and heights stored in: E:QJ19-18.ATB
Data File = E:\QJ19-18.PTS Printed on 10-22-1994 at 05:40:47
Start time: 0.00 min. Stop time: 30.00 min. Offset:
Full Range: 200 K-Counts

0 cts



Output redirected to LPT1:

WS4-02/ I Processed: 10-19-1994 23:25:35. Segment 19. Cycle 19

RAW DATA SAVED IN FILE E:\NP119-19.PTS Second Channel Stored in F:\NP119-19.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-19-1994 23:27:05 Version 5.2.0 *****
* Sample Name: WS49-02/ INDAH01 Data File: F:\NP119-19 *
* Date: 10-19-1994 22:55:30 Method: CLP18 10-18-1994 17:56:42 Version: 3X *
* Interface: 12 Cycles: 19 Operator: SC Channel: 2 Vial#: N.A. *
* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *
* Solvent Description: HE *
* Conditions: 170C/1min 270C/7min 34C/min 290C/4min 310C/min *
* Detector 0: FID Detector 1: ECD *
* Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.002 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	9.5	TCX	65.7578	3.1953%	774046	141594	5.5	1	0	2941	3.4966E-05
4	9.049	alpha-BHC	74.7543	3.6295%	1120254	252949	4.4	1	0	0	6.6730E-05
5	9.486	gamma-BHC	74.9968	3.6318%	1025978	250683	4.1	1	0	1763	7.3095E-05
7	10.020	beta-BHC	1.3145	0.0637%	9245	1399	6.6	1	0	21494	1.4219E-04
8	10.671	Heptachlor	71.0577	3.4415%	758085	172581	4.4	1	0	0	4.3733E-05
9	11.497	Endrin	1.9284	0.0934%	28322	5733	4.9	1	0	-1.400	5.6091E-05
12	15.164	gamma-Chlordane	1.2983	0.0624%	17399	3924	4.4	2	0	-1.4985	7.4049E-05
13	15.454	Endosulfan I	75.5313	3.7091%	726557	172881	4.2	2	0	-2.155	1.0540E-04
14	15.456	DDT	0.9505	0.0460%	10644	2411	3.7	1	0	-1.1013	8.8836E-05
15	15.667	Dielsin	156.4294	7.5754%	1411941	333392	4.2	1	0	-1.1001	1.1090E-04
16	18.096	Endrin	164.0123	7.9436%	1099921	238311	4.2	1	0	0	1.6258E-04
17	18.654	DDD	162.7817	7.8840%	1078002	274685	3.9	1	0	0	1.5100E-04
19	19.806	DDT	170.0511	8.2361%	1015711	263265	3.9	2	0	-1.683	1.6742E-04
20	20.123	Endrin aldehyde	16.8646	0.8168%	102713	23748	4.3	2	0	-1.657	1.5419E-04
21	20.457	Endosulfan sulfate	1.1921	0.0577%	10137	2311	4.4	2	0	-3.097	1.1760E-04
25	23.246	Heptachlor	861.6343	41.7315%	1745981	420370	4.2	2	0	-1.434	4.9350E-04
26	23.564	Endrin Ketone	26.1723	1.2676%	226227	50447	4.5	2	0	0	1.1569E-04
29	27.372	OCB	136.9427	6.5325%	1126277	226168	5.0	1	0	-1.794	1.2159E-04

TOTAL AMOUNT = 2064.7104

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
delta-BHC	11.17	TCX
Heptachlor epoxide	14.13	TCX
alpha-Chlordane	15.41	TCX
Endosulfan II	18.84	TCX

000052

Areas, times, and heights stored in: E:\NPJ19-19.A18
 Data File = E:\NPJ19-19.PTS Printed on 10-19-1994 at 23:27:24
 Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
 Full Range: 300 K-Counts

Area	Time	Height
Area 1	0.00 - 0.05	100
Area 2	0.05 - 0.10	200
Area 3	0.10 - 0.15	300
Area 4	0.15 - 0.20	400
Area 5	0.20 - 0.25	500
Area 6	0.25 - 0.30	600
Area 7	0.30 - 0.35	700
Area 8	0.35 - 0.40	800
Area 9	0.40 - 0.45	900
Area 10	0.45 - 0.50	1000

*** ** EXTERNAL STANDARD TABLE ****

***** 10-19-1994 23:28:02 Version 5.2.0 *****
 * Sample Name: WS49-02/ INDAH01 Data File: F:\Q118-19 *
 * Date: 10-19-1994 22:55:30 Method: DLP18 10-18-1994 17:56:58 Version: 4 *
 * Interface: 12 Cycle#: 14 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC23 Column Type: DB1701 DB50X *
 * Solvent Description: HF *
 * Conditions: 1700/min 2700/min 340/min 2900/min 1100/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

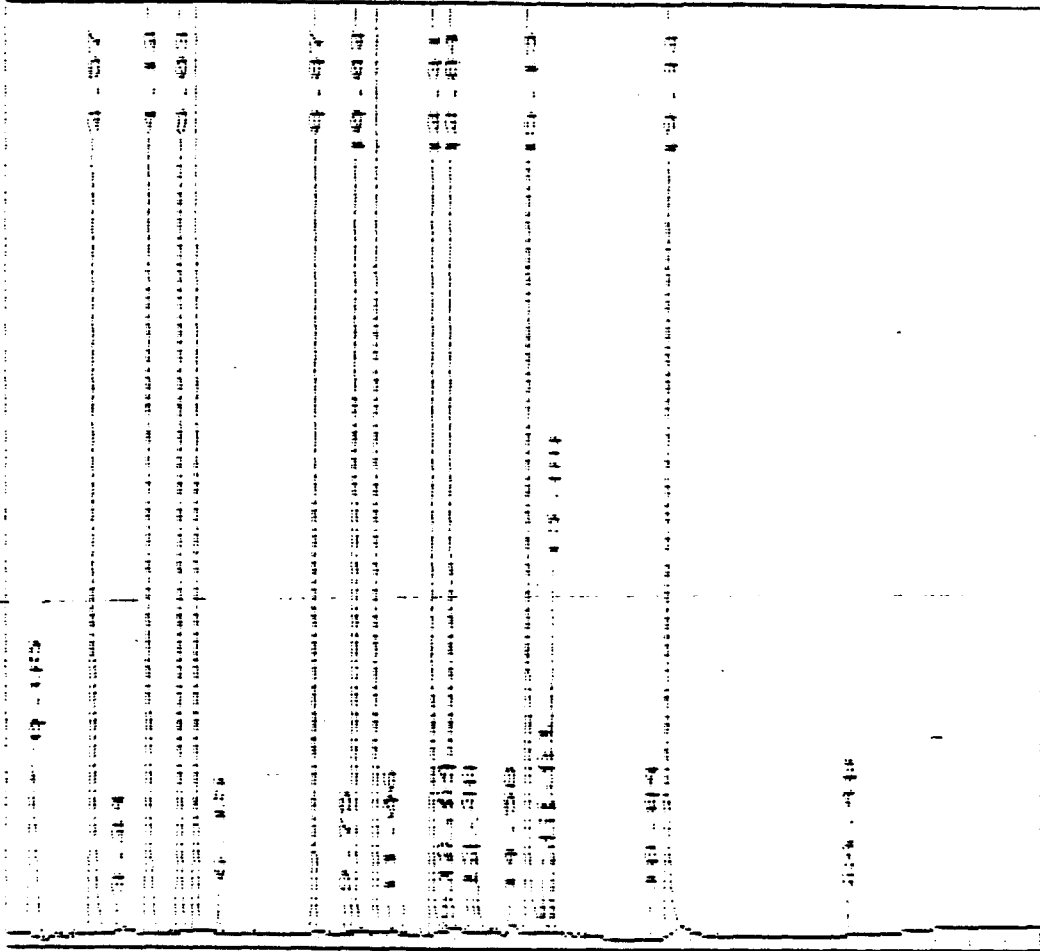
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.572	TCX	64.5798	3.29947	1069144	170067	6.3 1	0	0	5.0403E-05
4	4.125	alpha-BHC	74.3470	3.79732	1384037	281415	4.9 1	0	-4.032	5.3718E-05
5	5.027	gamma-BHC	73.8433	3.77152	1271525	279321	4.6 1	0	-3.311	5.8075E-05
6	7.184	Heptachlor	68.1854	3.48262	837439	199365	4.2 1	0	-9.036	8.1421E-05
7	6.146	Aldrin	1.8521	0.09447	33350	5789	5.8 1	0	-8.886	5.5536E-05
8	8.868	Endosulfan I	74.2990	3.79482	905571	240500	3.8 1	0	-7.476	8.2047E-05
9	9.753	OOE	0.9004	0.04607	12705	3082	4.1 2	0	-6.802	7.0861E-05
10	10.020	Dieldrin	148.5230	7.58542	1762490	475461	3.7 2	0	-8.244	8.4269E-05
11	10.638	Endrin	158.9521	8.11852	1334482	386122	3.5 1	0	-7.788	1.1911E-04
14	12.308	DDD	156.3254	7.98442	1330911	372391	3.6 2	0	-1.387	1.1742E-04
15	12.842	DDT	165.4202	8.44892	1103512	318388	3.5 2	0	-5.454	1.4940E-04
18	13.627	Endrin aldehyde	14.2997	0.73042	121185	20894	5.8 1	0	-7.244	1.1800E-04
19	14.579	Endosulfan sulfate	0.7659	0.03912	8544	2129	4.2 1	0	-1.687	8.6807E-05
20	15.147	heptachlor	801.6570	40.94482	2181474	585764	3.7 2	0	-5.482	3.5748E-04
22	15.882	Endrin Ketone	24.5991	1.25642	263886	72593	3.6 2	0	-6.259	9.3219E-05
24	19.322	DCB	129.3478	6.50652	1520991	370565	4.1 1	0	-5.519	8.5047E-05

TOTAL AMOUNT = 1957.8971

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
beta-BHC	7.18	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
Endosulfan II	12.28	TCX

Areas, times, and heights stored in: E:\NUJ19-19.AFB
Data File = E:\NUJ19-19.PTS Printed on 10-19-1994 at 23:28:23
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000055

Areas, times, and heights stored in: E:\P19-15.918

*** EXTERNAL STANDARD TABLE ***

***** 10-21-1994 15:50:32 Version 5.2.0 *****
 * Sample Name: WS44-024 INDBH01 Data File: E:\P19-20 *
 * Date: 10-19-1994 23:29:06 Method: CLP15 10-20-1994 10:11:58 Version: *
 * Interface: 12 Cycles: 20 Operator: SC Channel: 6 Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC/MS Column Type: DB1701 DB608 *
 * Solvent Description: HF *
 * Conditions: 120C/min 270C/min 240C/min 290C/min 310C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	5.379	TCX	77.5911	5.2445%	774275	141942	5.5 1	0	-5.453	1.0034E-04
5	9.786	beta-BHC	77.4497	5.2283%	451713	108901	4.1 1	0	0	1.7146E-04
7	10.521	Hexachlor	2.9497	0.1994%	27531	4079	5.9 1	0	-1.473	1.0251E-04
8	11.36	delta-BHC	78.5906	5.3053%	1034772	270927	3.8 1	0	0	7.5950E-05
9	11.497	alpha	79.4343	5.2949%	966627	219405	4.4 1	0	0	8.1141E-05
12	14.111	Hexachlor epoxide	17.4757	5.2401%	794586	189457	4.1 1	0	0	4.7504E-05
13	14.746	gamma-Dinitroane	79.2979	5.2944%	409904	20241	4.1 1	0	-4.117	8.6119E-05
14	15.181	alpha-Dinitroane	18.0589	5.2644%	922597	214862	4.3 1	0	0	8.4507E-05
15	15.456	DDD	154.2297	10.5454%	1495405	799567	3.8 1	0	0	1.0447E-04
17	17.902	Endrin	9.7751	0.6527%	5019	1201	3.8 1	0	-1.564	1.5444E-04
18	19.821	Endosulfan II	154.4123	10.4237%	1217996	284168	4.3 1	0	0	1.2679E-04
21	20.123	Endrin aldehyde	154.2154	10.4105%	786642	179923	4.4 2	0	0	1.7604E-04
22	20.508	Endosulfan sulfate	154.9373	10.4592%	1077782	254440	4.2 2	0	0	1.4375E-04
25	23.363	Methoxychlor	3.0744	0.2077%	6824	1753	3.8 1	0	1.478	4.5092E-04
26	23.547	Endrin Parane	154.8672	10.4545%	1133643	258387	4.4 1	0	0	1.3667E-04
29	27.872	OGB	154.0000	10.3959%	1133446	221912	5.1 1	0	0	1.3587E-04

TOTAL AMOUNT = 1481.3513

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.49	TCX
Endosulfan I	15.47	TCX
Dieldrin	16.68	TCX
DDD	19.56	TCX
DDT	19.81	TCX

000056

Areas, times, and heights stored in: E:\NPJ19-20.AFB
 Data File = E:\NPJ19-20.PTS Printed on 10-20-1994 at 00:01:05
 Start time: 0.00 min. Stop time: 30.00 min. Offset: 0.000
 Full Range: 300 K-Counts

Area	Time	Height
Area 1	0.00 - 1.00	100
Area 2	1.00 - 2.00	200
Area 3	2.00 - 3.00	300
Area 4	3.00 - 4.00	400
Area 5	4.00 - 5.00	500
Area 6	5.00 - 6.00	600
Area 7	6.00 - 7.00	700
Area 8	7.00 - 8.00	800
Area 9	8.00 - 9.00	900
Area 10	9.00 - 10.00	1000

*** EXTERNAL STANDARD TABLE ***

***** 10-20-1994 00:01:38 Version 5.2.0 *****
 * Sample Name: WS49-02/ INOBH01 Data File: E:\QJ19-20 *
 * Date: 10-19-1994 23:29:06 Method: DLP19 10-19-1994 17:56:58 Version: 4 *
 * Interface: 12 Cycle#: 20 Operator: SC Channel: 8 Vial#: N/A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB170X *
 * Solvent Description: HF *
 * Conditions: 1700/7min 2700/7min 440/7min 2400/4min 410/7min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPI: * *

Starting Delay: 0.00 Retention time: 30.00
 Area reject: 0 One sample per 1.00% SAC.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPM	NORMALIZED CONC	AREA	HEIGHT	HEIGHT SL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.572	TCX	55.2193	5.3479%	1079715	170201	5.3 1	0	0	6.0403E-05
4	4.242	alpha-BHC	0.8186	0.0671%	15238	1589	9.5 1	0	2.419	5.3718E-05
5	5.146	Aldrin	53.5429	5.2105%	1144165	254926	4.5 1	0	- .9096	5.5536E-05
7	6.14	beta-BHC	52.9494	5.1619%	593490	150663	3.9 1	0	- .9302	1.0607E-04
8	7.682	delta-BHC	54.3315	5.2752%	1218429	319452	3.9 1	0	- .8620	5.2799E-05
9	8.133	Heptachlor epoxide	52.2547	5.1049%	994412	262375	3.8 1	0	- .8146	5.2505E-05
11	9.868	Endosulfan I	3.5825	0.3020%	44883	9470	4.7 2	0	- .7174	9.2047E-05
12	9.118	gamma-Chlordane	53.5392	5.2102%	1034003	278153	3.7 2	0	- .9074	5.1450E-05
13	9.269	alpha-Chlorodane	53.7894	5.2307%	1037374	265333	3.5 2	0	- .8933	5.1491E-05
14	9.735	DDT	100.5363	10.7040%	1842137	479188	3.8 1	0	- .8503	7.0861E-05
15	10.955	Endrin	2.9933	0.2446%	25046	5326	4.0 1	0	2.199	1.1911E-04
17	12.274	Endosulfan II	124.5493	10.2131%	1515613	417845	3.5 1	0	- .0447	8.2178E-05
18	13.627	Endrin aldehyde	126.6263	10.3834%	1073112	176079	5.0 3	0	- .7096	1.1800E-04
21	14.729	Endosulfan sulfate	120.5057	9.9815%	1391414	361670	3.8 1	0	- .5756	8.5607E-05
22	15.982	Endrin Ketone	131.3513	10.7709%	1409066	394775	3.5 2	0	- .3239	9.3219E-05
26	19.322	DDC	132.8325	10.8923%	1561875	363492	4.3 1	0	- .8159	8.5047E-05

TOTAL AMOUNT = 1219.5112

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Dieldrin	10.10	TCX
DDU	12.32	TCX
DDT	12.93	TCX
Methoxychlor	15.23	TCX

000058

Areas, times, and heights stored in: E:\NOJ19-20.PTS
Data File = E:\NOJ19-20.PTS Printed on 10-20-1994 at 00:02:08
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0.000
Full Range: 200 K-Counts

Area	Time	Height
Area 1	0.00 - 0.05	100
Area 2	0.05 - 0.10	150
Area 3	0.10 - 0.15	200
Area 4	0.15 - 0.20	250
Area 5	0.20 - 0.25	300
Area 6	0.25 - 0.30	350
Area 7	0.30 - 0.35	400
Area 8	0.35 - 0.40	450
Area 9	0.40 - 0.45	500
Area 10	0.45 - 0.50	550
Area 11	0.50 - 0.55	600
Area 12	0.55 - 0.60	650
Area 13	0.60 - 0.65	700
Area 14	0.65 - 0.70	750
Area 15	0.70 - 0.75	800
Area 16	0.75 - 0.80	850
Area 17	0.80 - 0.85	900
Area 18	0.85 - 0.90	950
Area 19	0.90 - 0.95	1000
Area 20	0.95 - 1.00	1050

RAW DATA SAVED IN FILE E:\PJ19-90.PTS Second Channel stored in E:\PJ19-90.P

***** EXTERNAL STANDARD TABLE *****

***** 10-21-1994 12:44:21 Version 5.2.0 *****
 * Sample Name: WS44-02/ INDAMOX Data File: E:\PJ19-90
 * Date: 10-21-1994 12:12:12 Method: CLP15 10-20-1994 10:14:38 Version: 15
 * Interface: 12 Cycle#: 80 Operator: SC Channel: 4 Vial#: N/A
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500

 * Instrument Type: GC#3 Column Type: DB1701 DB#08
 * Solvent Description: He
 * Conditions: 1700/1min 2700/7min 440/1min 2900/4min 8100/1min
 * Detector 0: ECD Detector 1: FID
 * Misc. Information: LPT1: *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.595	TCX	21.4978	3.9783%	214249	35811	6.0 1	0	-2529	1.0034E-04
4	9.049	delta-BHC	20.4340	3.7514%	289480	62836	4.5 1	0	0	7.0588E-05
5	9.02	gamma-BHC	21.1061	3.9052%	274689	64346	4.3 1	0	.1441	7.5836E-05
6	10.588	Heptachlor	22.0983	4.0894%	213491	47997	4.4 1	0	.1519	1.0351E-04
8	15.481	Endosulfan I	24.9202	4.6115%	232782	49417	4.7 1	0	0	1.0709E-04
9	15.583	Dieldrin	42.5150	7.8882%	385152	99320	4.3 1	0	0	1.1039E-04
11	18.103	Endrin	45.7630	8.4587%	296317	70245	4.2 1	0	0	1.5444E-04
12	18.571	DDD	41.5991	7.7165%	285584	75815	3.8 1	0	.0517	1.4491E-04
13	19.321	DDT	39.9828	7.3990%	255848	65701	3.9 2	0	0	1.5626E-04
14	20.140	Endrin aldehyde	2.8411	0.5258%	14492	3339	4.3 2	0	0	1.9604E-04
16	23.280	Heptachlor	210.7570	39.0017%	447500	110183	4.2 2	0	.1177	4.5082E-04
17	23.580	Endrin Ketone	6.9790	1.2915%	51087	12254	4.2 2	0	.1068	1.3661E-04
19	27.906	DDC	39.7833	7.3621%	292306	62845	4.7 1	0	.1191	1.3587E-04

TOTAL AMOUNT = 540.3796

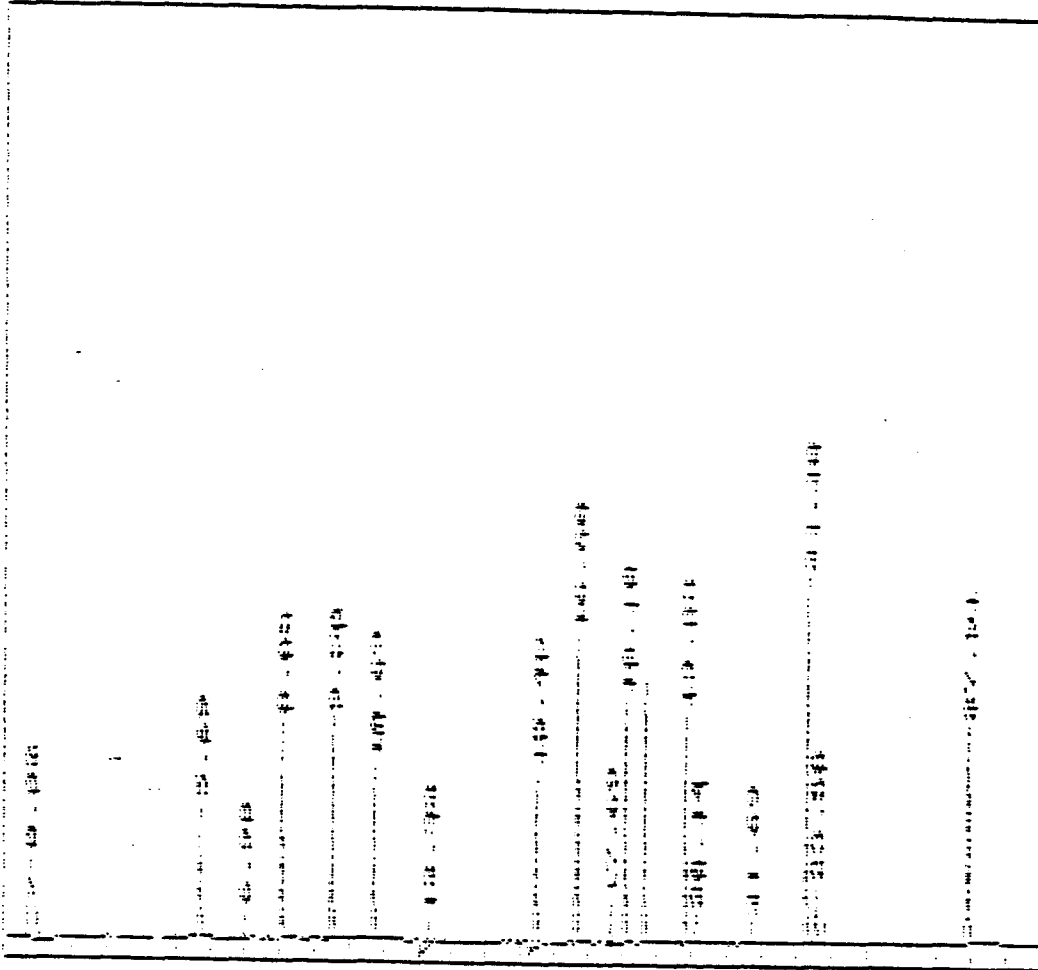
PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
beta-BHC	9.79	TCX
delta-BHC	11.16	TCX
Aldrin	11.91	TCX
Heptachlor epoxide	14.12	TCX
gamma-Chlordane	14.81	TCX
alpha-Chlordane	15.38	TCX
DDE	16.47	TCX
Endosulfan II	18.63	TCX
Endosulfan sulfate	20.61	TCX

000060

Areas, times, and heights stored in: E:\PJ19-80.AOB
Data File = E:\PJ19-80.PTS Printed on 10-21-1994 at 12:44:45
Start time: 0.00 min. Stop time: 30.00 min. Offset:
Full Range: 300 K-Counts

0 cts



000061

***** EXTERNAL STANDARD TABLE *****

***** 10-21-1994 12:45:21 Version 5.2.0 *****
 * Sample Name: WS49-027 INDRAMOS Data File: E:\Q119-80 *
 * Date: 10-21-1994 12:12:12 Method: DILPIB 10-20-1994 10:28:07 version: 1 *
 * Interface: 12 Cycles: 50 Operator: SC Channel: 8 Vials: N/A *
 * Starting Peak Width: 15 Threshold: 15 Area threshold: 3000 *

 * Instrument type: GCMS Column type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 1700/1min 2700/7min 400/min 2900/4min 4100/min *
 * Detector 0: FID Detector 1: FID *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.555	TCX	19.1130	3.5176%	252591	38233	6.9 1	0	-0.5417	7.2785E-05
3	4.125	alpha-BHC	18.9900	3.5945%	329577	57894	5.7 1	0	0	5.7619E-05
4	5.010	gamma-BHC	20.0197	3.7394%	320795	52073	5.2 1	0	-0.4024	5.2407E-05
5	8.174	Heptachlor	21.8674	4.1392%	231705	48342	4.8 1	0	-0.1202	4.4376E-05
6	9.373	Endosulfan I	23.1043	4.3733%	255112	55325	4.1 1	0	0	3.5822E-05
7	10.020	Dialdrin	41.8780	7.9259%	472253	125404	3.7 1	0	-0.2405	3.4677E-05
8	10.538	Endrin	44.5805	8.4574%	380438	10988%	3.5 1	0	0	1.1729E-04
10	12.304	DOE	41.7044	7.8940%	352601	44229	3.6 1	0	0	1.1823E-04
11	12.592	DOE	38.3900	7.3513%	271564	79897	3.4 1	0	0	1.4315E-04
12	13.527	Endrin aldehyde	2.0516	0.3883%	14007	2864	4.9 1	0	-0.2301	1.4546E-04
13	15.147	Heptachlor epoxide	210.1834	39.7946%	588156	164190	3.6 1	0	0	3.5734E-04
15	15.892	Endrin Ketone	6.9532	1.3161%	63250	17021	3.7 1	0	-0.0404	1.0993E-04
17	19.322	OCB	38.3581	7.3571%	394358	104700	3.8 1	0	-0.1554	9.9550E-05

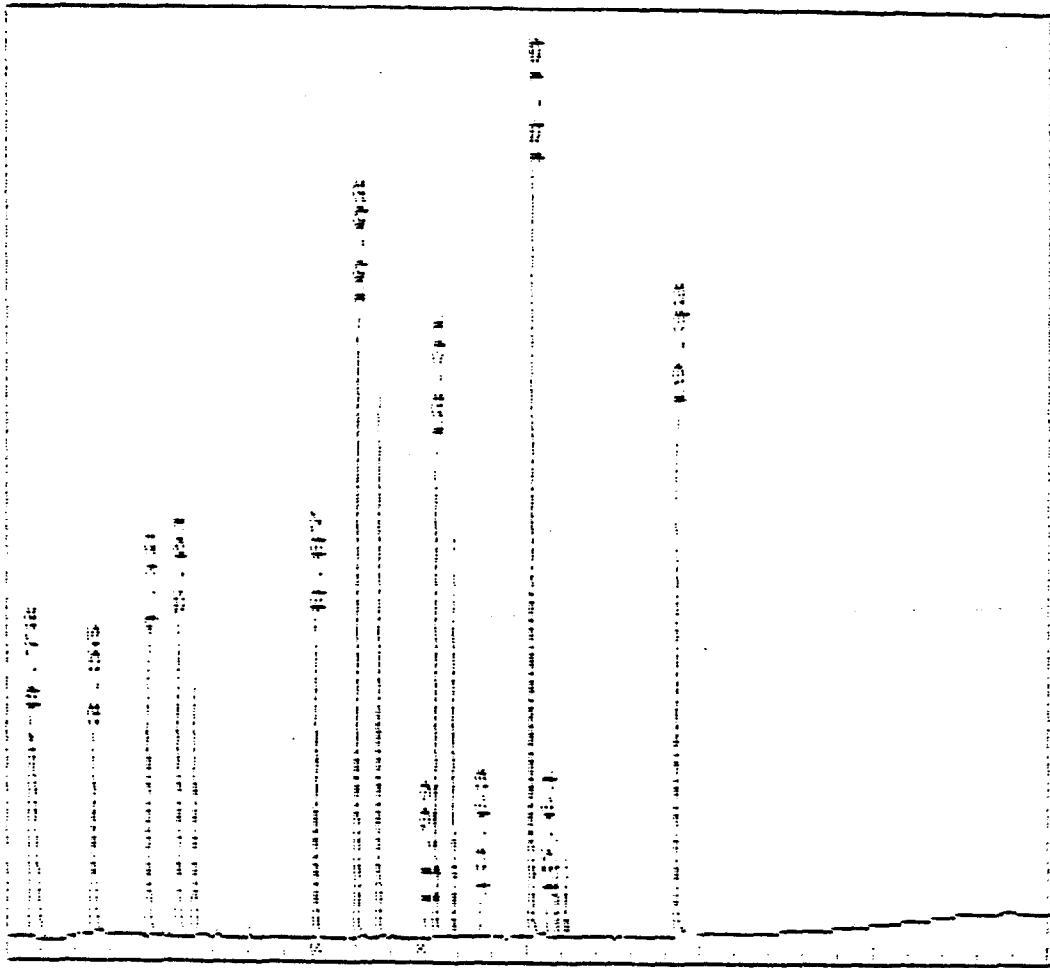
TOTAL AMOUNT = 528.3038

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
aldrin	6.15	TCX
beta-BHC	7.12	TCX
delta-BHC	7.68	TCX
Heptachlor epoxide	8.14	TCX
gamma-Chlordane	9.12	TCX
alpha-Chlorodane	9.37	TCX
DOE	9.75	TCX
Endosulfan II	12.27	TCX
Endosulfan sulfate	14.75	TCX

000062

Areas, times, and heights stored in: E:\NOJ19-80.AT8
Data File = E:\NOJ19-80.PTS Printed on 10-21-1994 at 12:45:44
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



SEQUENCE RECORDED IN F:\NP19.SED

OUTPUT REDIRECTED TO LPT1:

WS: 027 [Processed: 10-21-1994 15:25:44. Segment 3, Cycle 81

RAW DATA SAVED IN FILE F:\NP19-81.PTS Second Channel Stored in F:\NU19-81.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-21-1994 15:27:22 Version 5.210 *****

* Sample Name: W544-027 INDBM03 Data File: F:\NP19-81

* Date: 10-21-1994 12:45:47 Method: CLP18 10-20-1994 10:14:38 Version: 1

* Inertgas: 12 Cycles#: 81 Operator: SC Channel: A Vial#: N/A

* Starting Peak Width: 15 Inrtshold: 15 Area Inrtshold: 1500

* Instrument Type: GC#3 Column Type: DB1701 DB50X

* Solvent Description: HE

* Conditions: 170C/1min 270C/7min 340C/min 290C/4min 310C/min

* Detector 0: ECD Detector 1: ECD

* Misc. Information: LPT1: *

Scanning Delay: 0.00 Ending Retention Time: 30.00

Area reject: 0 One sample per 1.000 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	7.74	TCX	21.8820	4.92257	218077	37704	5.757	0	-1.5453	1.0034E-04
4	8.74	beta-BHC	21.8382	5.13377	133200	31987	4.167	0	0	1.7145E-04
5	11.57	delta-BHC	21.2571	4.79477	240016	74081	3.241	0	1.997	7.2920E-05
6	11.42	alpha-BHC	23.7175	5.11357	274474	59278	4.631	0	1.41	3.1141E-05
10	14.12	heptachlor epoxide	22.4175	5.04677	240077	55524	4.324	0	0	4.7504E-05
12	16.73	gamma-Chlordane	21.1552	4.76147	245750	54485	4.512	0	-1.3099	3.6125E-05
13	15.97	delta-Chlordane	23.2520	5.20317	274934	61064	4.511	0	1.0993	3.4608E-05
14	15.49	DDE	42.1494	9.54447	406323	104667	3.877	0	1.0005	1.0447E-04
15	17.64	Endrin	4.2312	2.07677	54772	16035	3.417	0	-2.314	1.5444E-04
16	19.93	Endosulfan II	45.5804	10.27537	360295	87086	4.137	0	0	1.2674E-04
17	19.50	DDE	0.9302	0.20947	5453	1485	3.674	0	0	1.5676E-04
19	20.14	Endrin aldehyde	47.3610	10.35447	241585	59882	4.034	0	0	1.4604E-04
19	20.25	Endosulfan sulfate	45.5195	10.24017	316645	76768	4.124	0	0	1.4376E-04
20	22.94	Methoxychlor	7.9703	1.77057	17458	1332	13.11	0	-1.103	4.5082E-04
21	23.54	Endrin ketone	46.3616	10.42967	334371	79916	4.184	0	1.0359	1.3661E-04
23	27.99	OCE	43.5508	9.79737	320536	66805	4.811	0	0	1.3587E-04

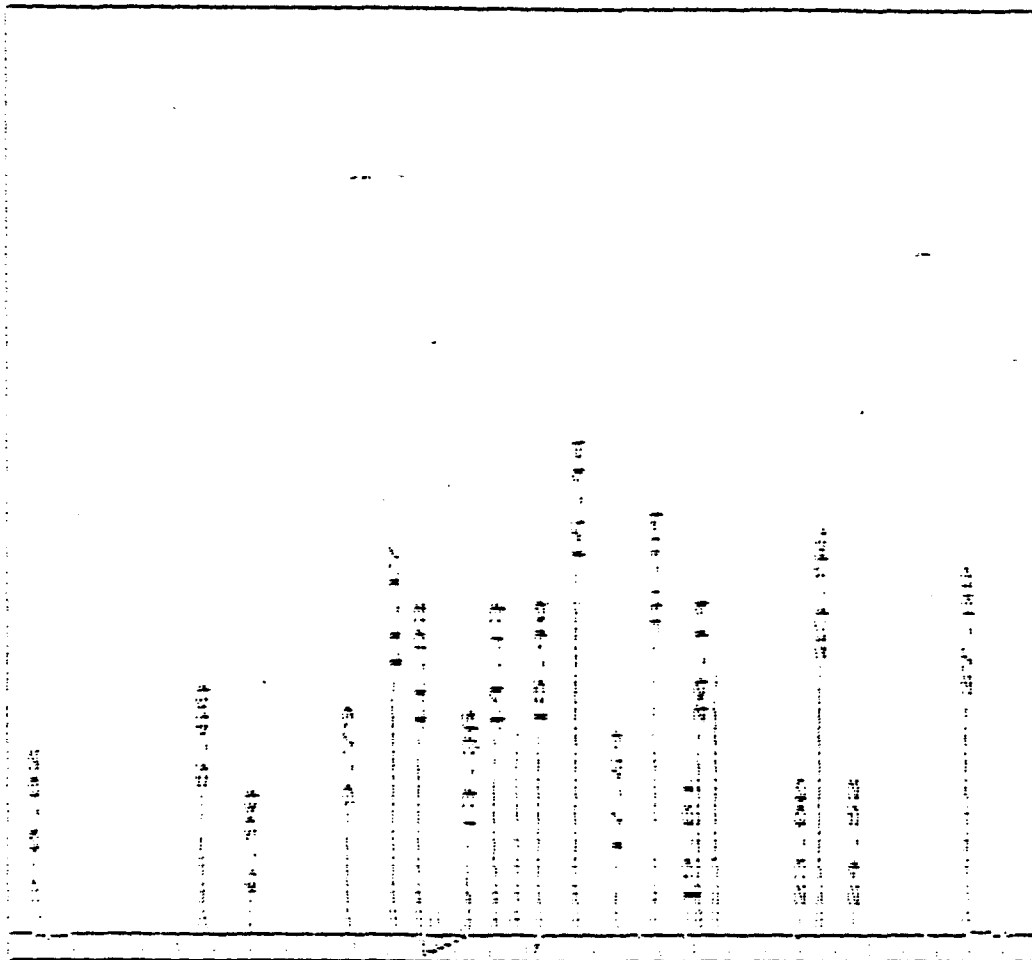
TOTAL AMOUNT = 444.5204

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.49	TCX
Heptachlor	10.67	TCX
Endosulfan I	15.47	TCX
Dieldrin	16.68	TCX
DDE	18.66	TCX

000064

Areas, times, and heights stored in: E:\NPJ19-91.AIR
Data File = E:\NPJ19-91.PTS Printed on 10-21-1994 at 15:27:17
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 000 K-Counts



000065

***** EXTERNAL STANDARD TABLE *****

```

***** 10-21-1994 15:28:24 Version 5.2.0 *****
* Sample Name: 8549-027 INDEMO'S      Date Run: 10-21-94
* Date: 10-21-1994 15:45:47 Method: DHEX 10-20-1994 10:28:07 Version: 1
* Injections: 12 Cycles: 31 Operator: SC Channel: 8 Vials: N.E.
* Starting Peak Width: 15 Threshold: 15 Area Threshold: 2000
*****
* Instrument Type: GC#3 Column Type: DB1701 DB30X
* Solvent Description: HE
* Conditions: 1200/min 220/min 200/min 200/min 200/min
* Detector 0: FID Detector 1: ECD
* Misc. Information:
*****
Starting Delay: 0.00 Ending Retention Time: 30.00
Area Report: 0 One Sample per 1.000 sec.
Amount Injected: 1.00 Dilution Factor: 1.00
Sample Weight: 1.00000
  
```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC-REF
2	2.555	TCX	19.4822	4.5515%	257663	42482	6.3 1	0	-3417	7.2786E-05
3	6.124	Aldrin	20.7432	4.8462%	302111	68404	4.4 1	0	-3127	6.8661E-05
4	7.114	Beta-BHC	23.5250	5.4951%	178906	40835	4.4 1	0	0	1.3144E-04
5		K2 delta-BHC	20.3580	4.8754%	321660	87956	3.7 2	0	0	6.4876E-05
6	4.103	Heptachlor epoxide	21.9848	5.0942%	278412	58275	4.8 2	0	0	1.8317E-05
7	8.766	Endosulfan I	4.5332	1.0591%	52213	6468	8.1 2	0	0	8.6822E-05
8	7.115	gamma-Chlorobane	25.0433	5.8519%	331706	74756	4.4 2	0	0	7.1318E-05
10	7.167	alpha-Chlorobane	24.2042	5.6548%	322749	74981	4.3 2	0	0	7.5110E-05
11	9.735	DDP	41.8696	9.7814%	441357	134821	3.3 2	0	0	8.5210E-05
12	12.654	Endosulfan II	48.0094	11.2155%	471577	114745	4.1 2	0	-1315	1.0181E-04
14	13.627	Endrin aldehyde	44.3172	10.3507%	302581	55379	5.5 1	0	-2301	1.1644E-04
15	14.724	Endosulfan sulfate	44.7702	10.4603%	401191	104985	3.8 1	0	-1540	1.1150E-04
16	15.882	Endrin Ketone	46.5886	10.8544%	423744	133001	3.2 1	0	-2484	1.0999E-04
17	17.322	DBP	42.2550	9.9743%	428824	110901	3.9 1	0	-1448	9.4540E-05

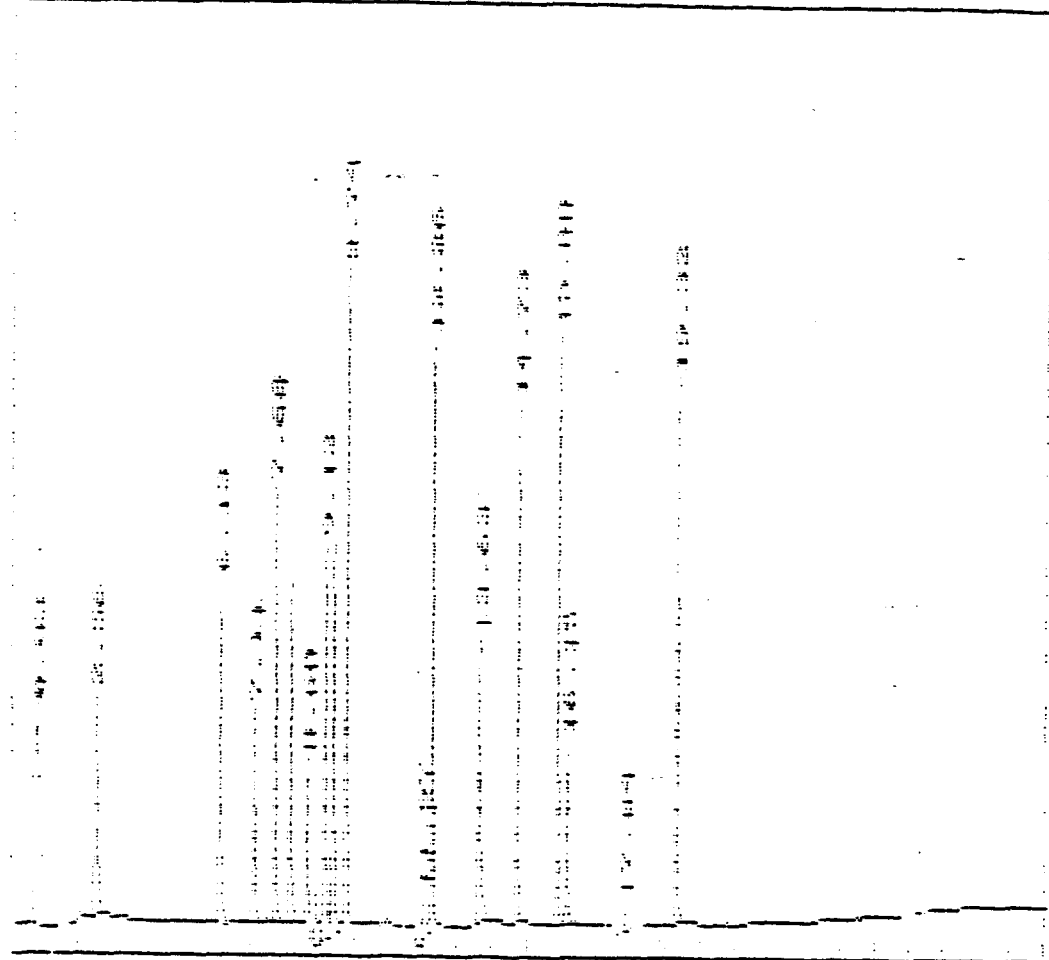
TOTAL AMOUNT = 428.0294

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	4.13	TCX
gamma-BHC	5.03	TCX
Heptachlor	5.50	TCX
Dieldrin	10.05	TCX
Endrin	10.65	TCX
DDD	12.32	TCX
DDT	12.85	TCX
Methoxychlor	15.15	TCX

000066

Areas, times, and heights stored in: F:\VOL119-EX1\918
Data File = F:\VOL119-EX1\918 Printed on 10-20-1998 at 15:05:22
Start time: 0.00 min. Stop time: 20.00 min. Offset:
Full range: 200 K-COUNTS



000067

QC DATA

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PBLK01

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 0 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J076
 Lab Sample ID : J076-B1S
 Lab File ID: PJ19-82
 Date Received: NA
 Date Extracted: 10/21/94
 Date Analyzed: 10-21-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

319-84-6	alpha-BHC	1.70	U
319-85-7	beta-BHC	0.76	JB
319-86-8	delta-BHC	1.70	U
58-89-9	gamma-BHC (Lindane)	1.70	U
76-44-8	Heptachlor	0.22	JPB
309-00-2	Aldrin	1.70	U
1024-57-3	Heptachlor epoxide	1.70	U
959-98-8	Endosulfan I	1.70	U
60-57-1	Dieldrin	3.30	U
72-55-9	4,4'-DDE	3.30	U
72-20-8	Endrin	3.30	U
313-65-9	Endosulfan II	3.30	U
54-8	4,4'-DDD	3.30	U
1031-07-8	Endosulfan sulfate	3.30	U
50-29-3	4,4'-DDT	3.30	U
72-43-5	Methoxychlor	17.00	U
53494-70-5	Endrin ketone	3.30	U
7421-36-3	Endrin aldehyde	3.30	U
5103-71-9	alpha-Chlordane	1.70	U
5103-74-2	gamma-Chlordane	1.70	U
8001-35-2	Toxaphene	170.00	U
12674-11-2	Aroclor-1016	33.00	U
11104-28-2	Aroclor-1221	67.00	U
11141-16-5	Aroclor-1232	33.00	U
53469-21-9	Aroclor-1242	33.00	U
12672-29-6	Aroclor-1248	33.00	U
11097-69-1	Aroclor-1254	33.00	U
11096-82-5	Aroclor-1260	33.00	U

FORM I PEST

3/90

000068

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

PBLK01

Lab Name: CKY Inc

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 94J076

Lab Sample ID : J076-B1S

Date(s) Analyzed: 10-21-1994 10-21-1994

Instrument ID (1): GC3

Instrument ID (2): GC3

GC Column(1): DB608 ID: 0.32 (mm)

GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
beta-BHC	1	9.80	9.75	9.85	0.76	
	2	7.13	7.08	7.18	0.76	0.3 0.0 MA
Heptachlor	1	10.70	10.64	10.74	0.22	
	2	5.51	5.45	5.55	1.43	546.5 550.0 MA

PESTICIDE ORGANICS ANALYSIS DATA SHEET

LCS01

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 0 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J076
 Lab Sample ID : J076-L1S
 Lab File ID: PJ19-83
 Date Received: NA
 Date Extracted: 10/21/94
 Date Analyzed: 10-21-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

319-84-6	alpha-BHC	1.70	U
319-85-7	beta-BHC	0.55	JP
319-86-8	delta-BHC	1.70	U
58-89-9	gamma-BHC (Lindane)	15.72	
76-44-8	Heptachlor	16.18	
309-00-2	Aldrin	12.57	
1024-57-3	Heptachlor epoxide	1.70	U
959-98-8	Endosulfan I	1.70	U
60-57-1	Dieldrin	30.66	
72-55-9	4,4'-DDE	3.30	U
72-20-8	Endrin	35.12	
3113-65-9	Endosulfan II	3.30	U
7254-8	4,4'-DDD	1.26	U
1031-07-3	Endosulfan sulfate	3.30	U
50-29-3	4,4'-DDT	32.79	
72-43-5	Methoxychlor	17.00	U
53494-70-5	Endrin ketone	1.17	U
7421-36-3	Endrin aldehyde	3.30	U
5103-71-9	alpha-Chlordane	1.70	U
5103-74-2	gamma-Chlordane	1.70	U
8001-35-2	Toxaphene	170.00	U
12674-11-2	Aroclor-1016	33.00	U
11104-28-2	Aroclor-1221	67.00	U
11141-16-5	Aroclor-1232	33.00	U
53469-21-9	Aroclor-1242	33.00	U
12672-29-6	Aroclor-1248	33.00	U
11097-69-1	Aroclor-1254	33.00	U
11096-82-5	Aroclor-1260	33.00	U

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

LCS01

Lab Name: CKY Inc
Lab Code: Case No.:
Lab Sample ID : J076-L1S
Instrument ID (1): GC3
GC Column(1): DB608 ID: 0.32 (mm)

Contract:
SAS No.: SDG No.: 94J076
Date(s) Analyzed: 10-21-1994 10-21-1994
Instrument ID (2): GC3
GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D	
			FROM	TO			
beta-BHC	1	9.80	9.75	9.85	0.75		
	2	7.13	7.08	7.18	0.55	37.5	36.4 MA
gamma-BHC (Lindane)	1	9.49	9.45	9.55	17.28		
	2	5.01	4.98	5.08	15.72	9.9	✓ MA
Heptachlor	1	10.67	10.64	10.74	16.18		
	2	5.48	5.45	5.55	17.79	10.0	✓ MA
Aldrin	1	11.91	11.87	11.97	12.57		
	2	6.13	6.10	6.20	13.31	5.9	✓ MA
Dieldrin	1	16.68	16.61	16.75	30.66		
	2	10.02	9.97	10.11	31.11	1.5	✓ MA
Er in	1	18.10	18.03	18.17	35.12		
	2	10.62	10.58	10.72	36.18	3.0	✓ MA
4,4'-DDD	1	18.67	18.60	18.74	1.26		
	2	12.31	12.25	12.39	1.32	4.0	4.8 MA
4,4'-DDT	1	19.82	19.75	19.89	34.49		
	2	12.83	12.79	12.93	32.79	5.2	✓ MA
Endrin ketone	1	23.56	23.50	23.64	1.17		
	2	15.88	15.83	15.97	1.28	9.3	9.4 MA

Area, time, and heights stored in: E:\9119-12.A18

Output redirected to: 1911

10-21-1994 Processed: 10-21-1994 15:00:27 Method: 10-20-1994 10:14:52 Version: 10

RAW DATA SAVED IN FILE E:\9119-62.F18 Second Channel Stored in E:\9119-62.F18

***** INTERNAL STANDARD REPORT *****

```

***** 10-21-1994 15:00:27 Version 5.2.1 *****
* SAMPLE NAME: 1026118          DATA FILE: E:\9119-62.F18
* DATE: 10-21-1994 15:00:27 Method: 10-20-1994 10:14:52 Version: 10
* OPERATOR: JZ OPER: JZ OPERATOR: JZ CHANNEL: 2 VIAL: 218
* STARTING PEAK WIDTH: 15 THRESHOLD: 15 AREA THRESHOLD: 1500
*****
* Instrument Type: GC#3          Column Type: DB1701 DB#08
* Solvent Description: He
* Conditions: 1700/min 2700/min 640/min 2900/4min #100/min
* Detector 0: ECD          Detector 1: ECD
* Misc. Information:          IRTI:
*****

```

```

Starting Delay: 0.00          Ending retention time: 30.00
Area rejected: 0          One sample per 1.0002 sec.
Amount injected: 1.00          Dilution factor: 1.00
Sample weight: 1.00000

```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT HEIGHT BL	OFF PEAK	% DELTA RET TIME	CONC/AREA
0	1.045	TOX	40.4380	37.5045%	405001	74665	5.4 1	0	-1.2528	1.0024E-04
2	8.419	gamma-BHC	6.7784	6.2557%	48019	2715	32.5 2	0	-1.7119	1.4636E-05
4	8.908	delta-BHC	2.6363	2.4517%	15494	3085	4.5 1	0	1.444	1.0146E-04
12	13.705	Endosulfan	0.7130	0.6581%	6887	1004	3.5 1	0	1.0994	1.0251E-04
13	12.741	Endrin	3.0852	2.8242%	41720	7487	5.5 1	0	1.530	8.0141E-05
15	15.715	Endosulfan I	0.7173	0.6580%	6899	1472	4.5 1	0	1.572	1.0709E-04
17	20.13	Endosulfan sulfate	2.0929	1.9220%	14485	3449	4.2 2	0	-1.4086	1.4374E-04
19	23.499	Endrin	51.3827	47.4215%	378194	79341	4.4 1	0	0	1.3587E-04

TOTAL AMOUNT = 198.8550

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	PERCENT OF PEAK
alpha-BHC	8.05	TOX
delta-BHC	11.16	TOX
Heptachlor epoxide	14.12	TOX
gamma-chlordane	14.81	TOX
alpha-chlordane	15.38	TOX
DDE	15.47	TOX
Dieldrin	16.68	TOX
Endrin	18.10	TOX
DDD	18.66	TOX
Endosulfan II	18.83	TOX
DDT	19.81	TOX
Endrin aldehyde	20.13	TOX
Mexoxychlor	23.25	TOX
Endrin Ketone	23.56	TOX

000072

***** EXTERNAL STANDARD TABLE *****

```

***** 10-21-1994 15:30:16 Version 5.12.10 *****
* Sample Name: 1075-515          Data File: 8:40014-52
* Date: 10-21-1994 15:30:27 Method: DUPLEX 10-20-1994 10:28:07 Version: 1.0
* Parameters: 12 Inlets: 52 Operator: SC Channel: B Vials: 0,1
* Retention Peak Width: 15 Threshold: 15 Area Threshold: 5000
*****
* Instrument Type: HPLC          Column Type: DB1201, 5um
* Solvent Description: HF
* Conditions: 1200/min 2400/min 4800/min 9600/min 19000/min
* Detector 0: ECD              Detector 1: FID
* Misc. Information:          LUI:
*****
Starting Delay: 0.00          Ending Retention Time: 30.00
Area Reject: 0              One Sample per 1.000 sec
Amount Injected: 1.00       Dilution Factor: 1.00
Sample Weight: 1.00000
    
```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.555	TCX	53.5452	45.7498%	735650	91151	9.1.2	0	-1.5417	7.2786E-05
3	5.010	gamma-BHC	1.4811	1.2568%	23733	2917	9.4.1	0	-1.4024	5.2407E-05
4	7.671	Heptachlor	4.4541	3.8097%	47195	2145	15.0.1	0	.1833	9.4376E-05
5	8.101	beta-BHC	2.5735	2.2013%	19572	4939	4.0.1	0	2047	1.3214E-04
7	10.698	Endrin	1.1970	1.0241%	10208	1430	7.1.1	0	3451	1.1719E-04
8	12.477	Endrin aldehyde	2.7505	2.3611%	18848	5020	3.8.1	0	-1.1300	1.4834E-04
9	14.920	DDE	50.4921	43.5791%	515495	127835	4.0.1	0	-1.1553	9.8840E-05

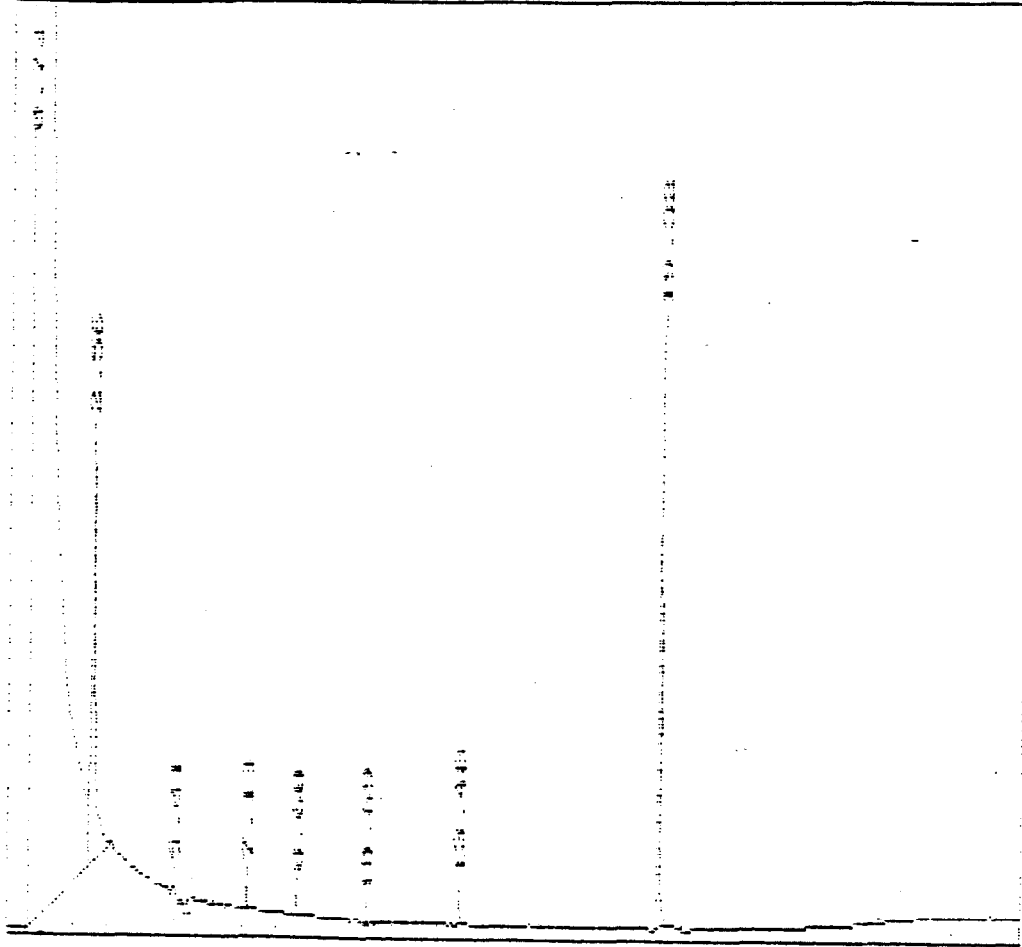
Total amount = 115.9134

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED	RET. TIME	REFERENCE	PEAK
alpha-BHC		4.13	TCX	
aldrin		6.15	TCX	
delta-BHC		7.68	TCX	
heptachlor epoxide		8.14	TCX	
Endosulfan I		8.87	TCX	
gamma-Chlordane		9.12	TCX	
alpha-chlorotane		9.37	TCX	
DDE		9.75	TCX	
Dieldrin		10.05	TCX	
Endosulfan II		12.27	TCX	
DDD		12.32	TCX	
DDT		12.85	TCX	
Endosulfan sulfate		14.75	TCX	
methoxychlor		15.15	TCX	
endrin ketone		15.84	TCX	

000074

Areas, times, and heights stored in: E:\QJ19-K2.A18
De : File # E:\QJ19-K2.A18 Printed on 10-21-1993 at 16:03:59
St. r time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000075

10/21/94 17:08:25 Sacramento, CA
 ***** EXTERNAL STANDARD TABLE *****

***** 10-21-1994 17:08:25 Version 5.2.0 *****
 * Sample Name: J076-L15 Data File: F:\P119-83 *
 * Date: 10-21-1994 15:36:38 Method: CLPIX 10-20-1994 10:14:33 Version: *
 * Interface: 12 Cycles: 83 Operator: SC Channel: A Vial#: N/A *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HF *
 * Conditions: 1200 x/min 2200 x/min 240 x/min 2800 x/min 2100 x/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area Multiplier: 1.0000 One sample per 1.0000 sec.
 Amount Injected: 1.00 Dilution Factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION IN %#	NORMALIZED CONC	AREA	HEIGHT	HEIGHT SL	REF PEAK	% DELTA	CONC/AREA
3	5.695	TOX	39.4160	6.8206%	192823	66597	5.9 1	0	-12528	1.0034E-04
7	9.486	gamma-BHC	54.5295	9.4358%	709643	146429	4.8 3	0	0	7.6836E-05
8	10.909	beta-BHC	2.6470	0.4580%	15438	3433	4.5 4	0	1654	1.7146E-04
11	10.471	Heptachlor	52.1251	9.0194%	503574	107356	4.7 2	0	0	1.0351E-04
12	11.226	delta-BHC	0.4343	0.0617%	12301	495	15.3 1	1	18477	7.6960E-05
13	11.907	Aldrin	41.0144	7.0481%	505536	111907	4.5 2	0	0	8.1141E-05
17	16.483	DDE	0.4493	0.0662%	4770	1266	3.6 1	0	11005	1.0447E-04
18	16.683	Dieldrin	101.6707	17.5413%	918244	215214	4.2 1	0	0	1.1034E-04
20	18.103	Endrin	117.0618	20.2565%	757440	174441	4.2 2	0	0	1.5444E-04
21	18.671	DDD	4.0007	0.6423%	27400	7004	3.9 1	0	10517	1.4501E-04
22	19.323	DDT	105.0072	18.3436%	576387	169535	4.0 2	0	0	1.5625E-04
23	20.140	Endrin aldehyde	1.7650	0.0305%	9003	1986	4.5 2	0	0	1.9606E-04
24	20.508	Endosulfan sulfate	2.0514	0.3550%	14270	3581	4.0 2	0	-14995	1.4376E-04
25	23.564	Endrin ketone	4.1276	0.7142%	30214	7239	4.2 1	0	10354	1.3461E-04
27	27.989	DDE	50.3427	8.7114%	370525	79285	4.7 1	0	0	1.3587E-04

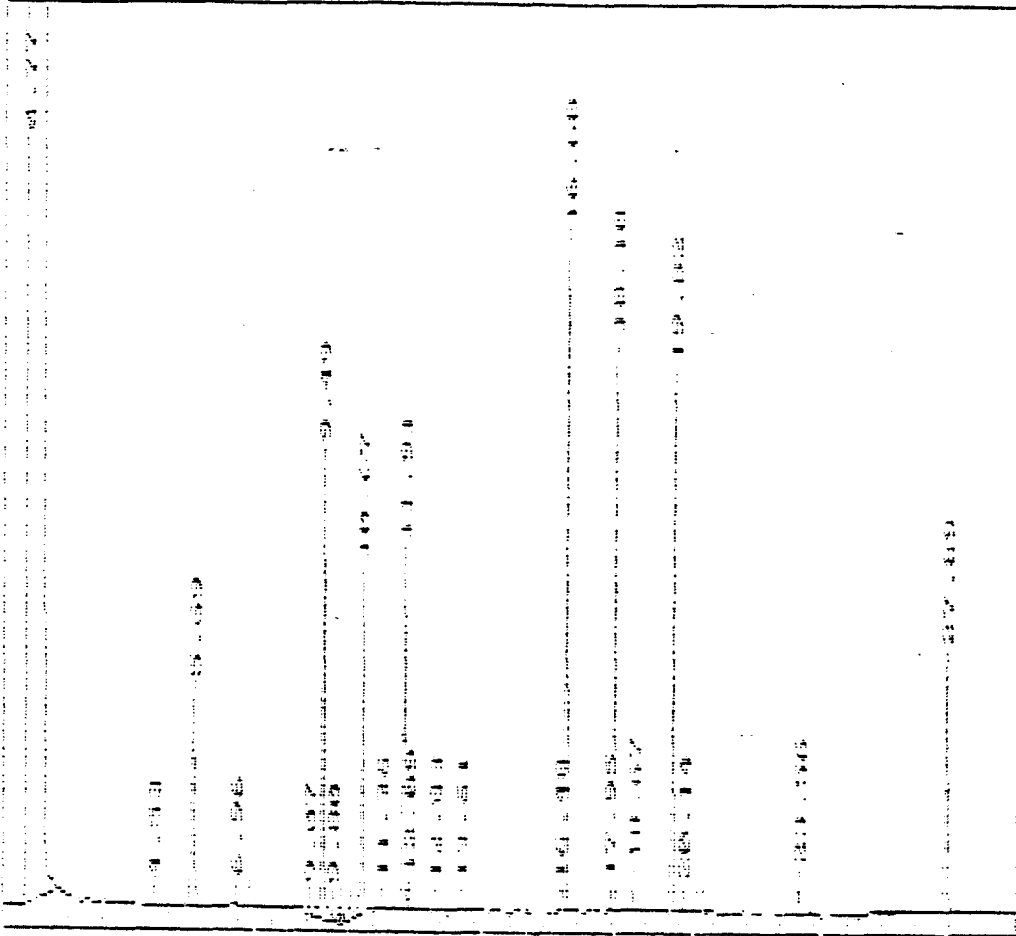
TOTAL AMOUNT = 577.8972

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	8.105	TOX
Heptachlor epoxide	14.12	TOX
gamma-Chloroane	14.81	TOX
alpha-Chloroane	15.38	TOX
Endosulfan I	15.47	TOX
Endosulfan II	18.83	TOX
Methoxychlor	23.25	TOX

000076

Areas, times, and heights stored in: E:\NPJ19-83.ATB
Data File = E:\NPJ19-83.PRS Printed on 10-21-1994 at 17:08:50
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0.000
Full Range: 300.0 K-Counts



000077

***** EXTERNAL STANDARD TABLE *****

***** 10-21-1994 17:09:28 Version 5.2.0 *****
 * Sample Name: J076-115 Data File: F:\00114-93 *
 * Date: 10-21-1994 15:35:38 Method: DLP18 10-20-1994 10:28:01 Version: 1 *
 * Interface: 12 Cyclam: X3 Operator: SC Channel: 8 Vials: N/A *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB504 *
 * Solvent Description: H₂O *
 * Conditions: 1700/min 2700/min @40/min 2400/min @100/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.00% sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

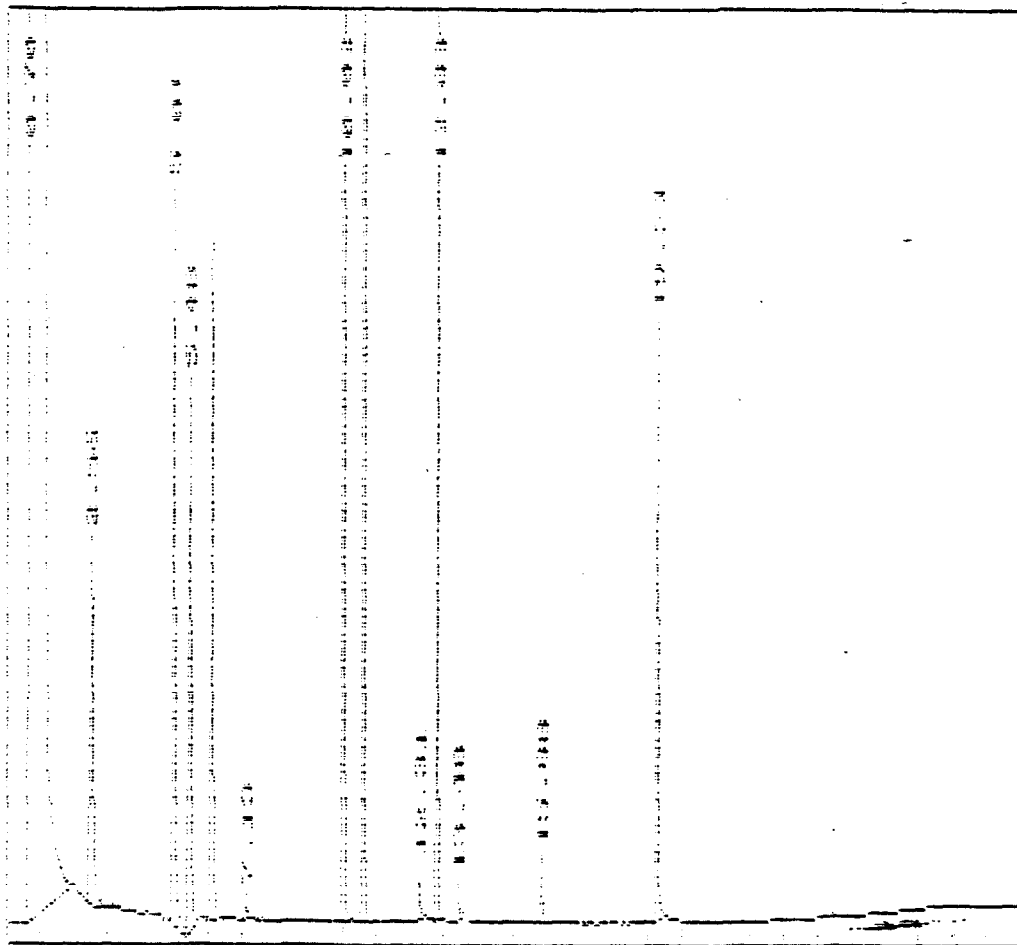
Peak NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT BL	OFF PEAK	% DELTA	COND/AREA
2	2.565	TOX	36.9378	6.4976%	507484	75374	6.7 1	0	-1.5417	7.2788E-05
3	5.010	gamma-BHC	47.7386	8.3974%	764960	155594	4.9 1	0	-1.4024	6.2407E-05
4	7.476	Heptachlor	55.3891	9.7432%	585898	115340	6.1 1	0	-1.4738	4.4376E-05
5	7.924	Aldrin	43.7945	7.7037%	637937	142060	4.5 1	0	-1.3127	5.4661E-05
6	7.151	beta-BHC	1.8591	0.3270%	14138	2174	6.5 1	0	2047	1.3149E-04
7	10.920	Dieldrin	101.4444	17.8455%	1144036	305342	4.7 1	0	-1.2805	5.4577E-05
8	10.521	Endrin	117.5164	20.6893%	1002777	238254	2.6 1	0	-1.2313	1.1729E-04
9	11.708	DDD	4.1929	0.7376%	35450	8147	4.2 1	0	0	1.1824E-04
10	11.925	DDE	102.5193	18.0511%	715849	205727	4.6 1	0	-1.1865	1.4315E-04
11	13.477	Endrin aldehyde	2.5500	0.4486%	17411	4841	2.5 1	0	-1.1300	1.1644E-04
12	15.482	Endrin ketone	4.5050	0.7925%	40980	10679	3.3 1	0	-1.0404	1.0944E-04
13	15.105	DDE	49.8374	8.7566%	505653	125313	4.0 1	0	-1.2521	9.8560E-05

TOTAL AMOUNT = 563.1889

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.13	TOX
delta-BHC	7.66	TOX
Heptachlor epoxide	8.14	TOX
Endosulfan I	9.87	TOX
gamma-chlorodane	9.12	TOX
alpha-chlorodane	9.37	TOX
DDE	9.75	TOX
Endosulfan II	12.27	TOX
Endosulfan sulfate	14.75	TOX
Methoxychlor	15.15	TOX

Areas, times, and heights stored in: E:\NOJ19-88.ATB
Da File = E:\NOJ19-88.PTS Printed on 10-21-1994 at 17:09:51
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



SEQUENCE FILE: PJ19

SAMPLE NAME	METHOD NAME	DATA FILE	AMOUNT INJECTED	INT STD AMOUNT	DILUTION FACTOR	SAMPLE WEIGHT
1 WS46-01/ PIBLK01	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
2 WS46-01/ RESCO1	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
3 WS46-01/ PEMU1	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
4 WS50-01/ AR166001	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
5 WS50-01/ AR122101	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
6 WS50-01/ AR123201	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
7 WS50-01/ AR124201	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
8 WS50-01/ AR124801	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
9 WS50-01/ AR125401	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
10 WS50-01/ TOXAPH01	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
11 WS49-02/ INDAL01	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
12 WS49-02/ INDGL01	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
13 WS49-02/ MIX A 2X	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
14 WS49-02/ MIX B 2X	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
15 WS49-02/ INDAM01	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
16 WS49-02/ INDBM01	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
17 WS49-02/ MIX A 8X	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
18 WS49-02/ MIX B 8X	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
19 WS49-02/ INDAM01	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
20 WS49-02/ INDBM01	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
21 WS46-01/ PIBLK02	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
22 WS46-01/ PEMU2	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
23 J009-01M	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
24 J009-01M	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
25 J009-010	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
26 J009-01	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
27 J014-01M	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
28 J014-01M	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
29 J014-010	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
30 J014-01	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
31 J014-08	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
32 J014-19	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
33 J014-21	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
34 J014-28	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
35 J027-01M	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
36 J027-01M	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
37 J027-010	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
38 J027-01	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
39 J027-05	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
40 J027-15	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
41 J027-20	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
42 J027-40	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
43 WS46-01/ PIBLK03	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
44 WS49-02/ INDAM02	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
45 WS49-02/ INDBM02	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
46 J043-01SR	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
47 J043-01SR	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
48 J043-010R	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
49 J043-01RL 100X	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
50 J022-05	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
51 J022-01	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000

000080

54	890-908	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
55	890-908	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
56	J014-815	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
57	J014-818	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
58	J014-810	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
59	J014-82	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
60	J014-84	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
61	J022-31	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
62	J022-32	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
63	J027-52	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
64	J027-53	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
65	J027-54	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
66	WS45-91/PIBLX04	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
67	WS45-91/PEM03	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
68	J027-55	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
69	J027-56	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
70	J027-565	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
71	J027-560	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
72	J027-57	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
73	J027-58	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
74	J045-81W	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
75	J045-81W	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
76	J045-810	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
77	J045-86	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
78	J027-571	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
79	WS46-91/PIBLX05	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
80	WS49-92/IN08M03	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
81	WS49-92/IN08M03	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
82	J075-915	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
83	J075-915	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000
84	J075-91	CLP18	PJ19-	1.0000	1.0000	1.0000	1.0000

PREPARATION LOG

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CKY Inc Contract:
 Lab Code: Case No.: SAS No.: SDG No.: 94J039
 GC Column: DB608 ID: 0.32 (mm) Init. Calib. Date(s): 10-05-1994 10-05-1994
 EPA Sample No. (PIBLK): Date Analyzed:
 Lab Sample ID (PIBLK): Time Analyzed:
 EPA Sample No. (INDA): MIX A Date Analyzed: 10-14-1994
 Lab Sample ID (INDA): WS49-02 Time Analyzed: 03:47:31

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	8.05	8.00	8.14	0.049	0.050	104
gamma-BHC (Lindane)	9.49	9.44	9.58	0.049	0.050	104
Heptachlor	10.67	10.63	10.77	0.045	0.050	104
Endosulfan I	15.46	15.43	15.57	0.050	0.050	104
Dieldrin	16.67	16.64	16.78	0.101	0.100	111
Endrin	18.09	18.06	18.20	0.102	0.100	111
4,4'-DDD	18.65	18.62	18.76	0.109	0.100	111
4,4'-DDT	19.81	19.77	19.91	0.090	0.100	111
Methoxychlor	23.25	23.23	23.37	0.466	0.500	111
Tetrachloro-m-xylene	5.69	5.63	5.77	0.047	0.050	111
Decachlorobiphenyl	27.87	27.84	28.04	0.096	0.100	111

EPA Sample No. (INDB): MIX B

Date Analyzed: 10-14-1994

Lab Sample ID (INDB): WS49-02

Time Analyzed: 04:21:05

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	9.79	9.73	9.87	0.044	0.050	13
delta-BHC	11.17	11.12	11.26	0.044	0.050	13
Aldrin	11.91	11.87	12.01	0.043	0.050	13
Heptachlor epoxide	14.11	14.07	14.21	0.043	0.050	13
4,4'-DDE	16.47	16.43	16.57	0.088	0.100	13
Endosulfan II	18.82	18.78	18.92	0.092	0.100	13
Endosulfan sulfate	20.61	20.57	20.71	0.089	0.100	13
Endrin ketone	23.56	23.53	23.67	0.089	0.100	13
Endrin aldehyde	20.12	20.09	20.23	0.086	0.100	13
alpha-Chlordane	15.38	15.35	15.49	0.043	0.050	13
gamma-Chlordane	14.75	14.71	14.85	0.044	0.050	13

QC LIMITS: RPD of amounts in the Individual Mixes must be less than
or equal to 25.0%.

FORM VIIPEST -2

3/90

000086

EXTERNAL STANDARD TABLE

***** 11-07-1994 16:53:38 Version 5.2.0 *****
 * Sample Name: WS39-017 MIX A 16X Data File: E:\PJ05-3 *
 * Date: 10-06-1994 18:59:37 Method: CLP17 10-12-1994 12:25:01 Version: 2 *
 * Interface: 12 Cycle#: 3 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *
 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: *
 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.561	TCX	57.2555	3.5094%	791573	139352	5.7 1	0	-2941	8.4966E-05
4	8.049	alpha-BHC	79.3237	4.1085%	1188730	248833	4.8 1	0	0	6.6730E-05
6	9.466	gamma-BHC	78.9539	4.1197%	1080286	235747	4.6 1	0	.1753	7.3095E-05
7	9.953	beta-BHC	0.5926	0.0361%	4871	1109	4.4 2	0	1.706	1.4219E-04
9	10.588	Heptachlor	79.1973	4.0797%	894255	199192	4.5 1	0	.1554	7.3733E-05
10	11.941	Aldrin	2.2593	0.1176%	33093	5933	5.6 1	0	.1400	6.8091E-05
11	15.230	gamma-Chlordane	1.0385	0.0542%	14025	2445	5.7 1	0	0	7.4049E-05
12	16.498	Endosulfan I	78.8585	4.0099%	729187	161257	4.5 1	0	0	1.0540E-04
13	16.500	OCE	0.9532	0.0450%	9716	2671	3.6 1	0	.1013	8.9836E-05
14	16.790	Dieldrin	153.6224	8.0148%	1386302	326144	4.3 1	0	.1001	1.1080E-04
15	18.119	Endrin	151.0273	7.8794%	928951	217899	4.3 1	0	.2184	1.5258E-04
16	18.267	OCE	153.1816	7.9918%	1014427	250588	4.0 1	0	0	1.5100E-04
17	19.640	OOT	150.1175	7.6320%	896848	224448	4.0 2	0	0	1.9742E-04
18	20.157	Endrin aldehyde	17.4181	0.9087%	106085	25225	4.2 2	0	0	1.5419E-04
19	20.491	Endosulfan sulfate	1.0561	0.0551%	8980	2173	4.1 1	0	-1.5477	1.1760E-04
22	23.290	methoxychlor	759.4830	39.6240%	1538986	346650	4.4 2	0	0	4.9350E-04
23	23.597	Endrin Ketone	30.7263	1.5031%	255591	51216	4.3 2	0	0	1.1569E-04
25	27.922	OCE	114.6362	5.9608%	942819	195815	4.8 1	0	0	1.2159E-04

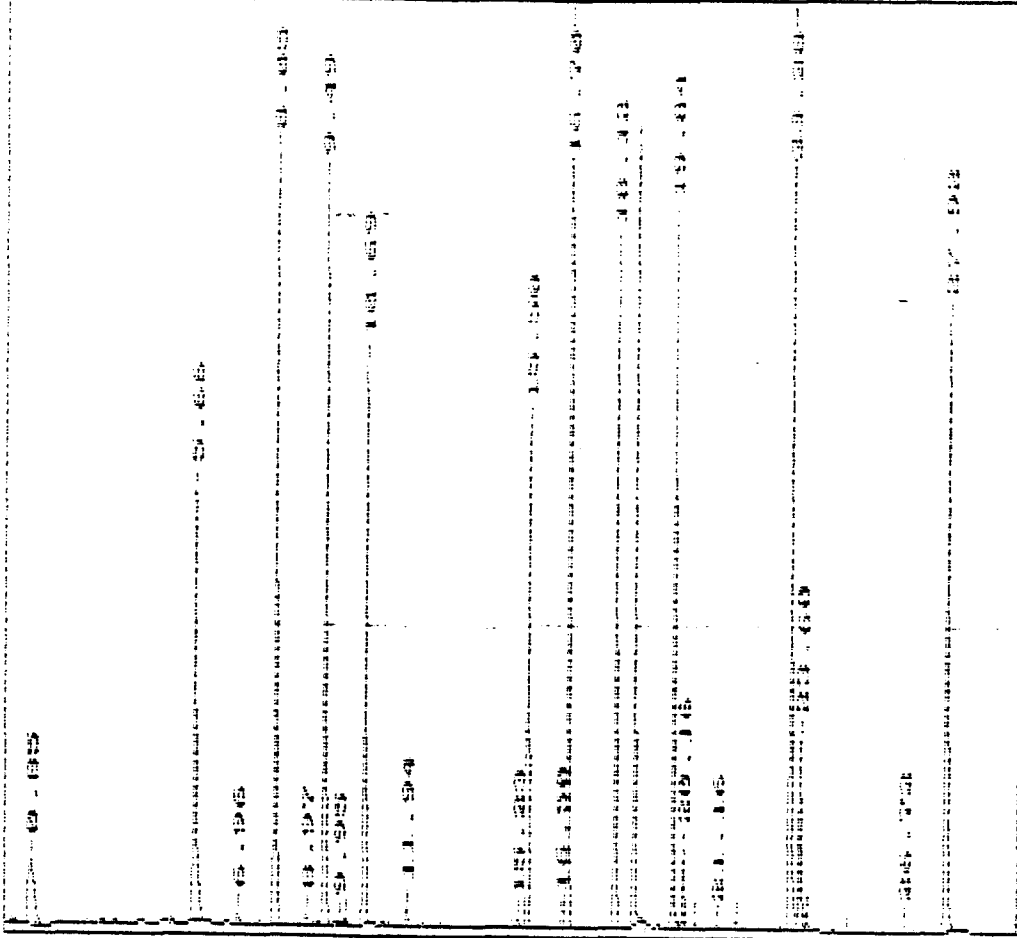
TOTAL AMOUNT = 1915.7252

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
delta-BHC	11.17	TCX
heptachlor epoxide	14.13	TCX
alpha-Chlordane	15.41	TCX
Endosulfan II	18.84	TCX

000088

Data File = E:\P105-3.PRS Printed on 11-08-1994 at 15:58:31
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 11-07-1994 16:57:24 Version 5.2.0 *****
 * Sample Name: WSG9-01/ MIX A 16X Data File: E:\QJ05-3 *
 * Date: 10-05-1994 18:59:37 Method: DLP17 10-14-1994 08:51:55 Version: 3 *
 * Interface: 12 Cycle#: 3 Operator: SC Channel: E Vials: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: *

Starting delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.538	TCX	58.9558	0.50624	1103494	179093	6.2 1	0	-1.298	6.0403E-05
	4.142	alpha-BHC	79.9534	4.1673%	1482591	278654	5.3 1	0	0	5.3719E-05
6	5.040	gamma-BHC	79.5800	4.1674%	1370354	290455	4.9 1	0	0	5.3075E-05
7	5.328	heptachlor	78.8681	4.1299%	968641	210039	4.6 1	0	-7.5012	6.1421E-05
8	6.195	aldrin	1.8957	0.0993%	34152	4353	7.8 1	0	0	3.5536E-05
9	8.934	Endosulfan I	77.8637	4.0774%	949019	220212	4.3 1	0	0	9.2047E-05
10	9.836	ODE	0.7599	0.0403%	10865	2697	4.0 1	0	1.700	7.0881E-05
11	10.103	Dieldrin	155.1120	6.1225%	1640682	461048	4.0 1	0	0	8.4269E-05
12	10.721	Endrin	155.0155	6.1174%	1301402	354928	3.7 1	0	0	1.1911E-04
14	12.391	DDD	154.1192	8.0705%	1312129	334696	3.9 3	0	1.5387	1.1746E-04
16	12.926	DDT	149.3933	7.8230%	995600	282352	3.5 2	0	0	1.4990E-04
18	13.727	Endrin aldehyde	14.4395	0.7561%	122370	22921	5.4 1	0	0	1.1900E-04
19	14.830	Endosulfan sulfate	2.4592	0.1288%	28395	2277	12.5 1	0	0	8.5607E-05
20	15.230	Metoxychlor	751.0756	39.3303%	2043831	501170	4.1 2	0	0	3.6748E-04
22	15.999	Endrin ketone	28.7471	1.5353%	303033	60734	5.0 1	0	1.044	9.3219E-05
24	19.422	ODE	113.3996	5.9382%	1333373	317912	4.2 1	0	0	8.5047E-05

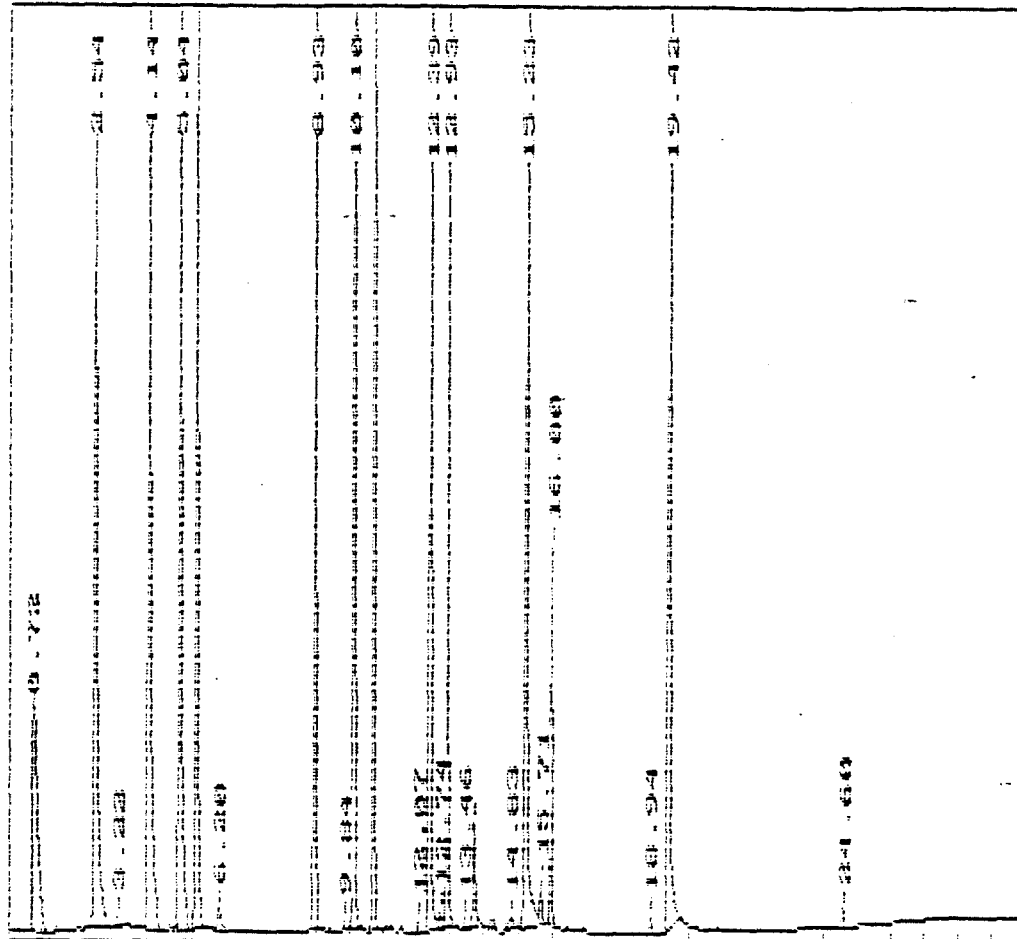
TOTAL AMOUNT = 1909.5633

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME.	REFERENCE PEAK
beta-BHC	7.13	TCX
delta-BHC	7.75	TCX
heptachlor epoxide	8.20	TCX
gamma-Chlorodane	9.20	TCX
alpha-Chlorodane	9.45	TCX
Endosulfan II	12.28	TCX

000090

Data File = E:\QJ05-3.PTS Printed on 11-08-1994 at 15:59:03
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Range: 200 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:00:01 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX B 16X Data File: E:\PJ05-4 *
 * Date: 10-05-1994 19:33:17 Method: F:\CLP17 11-08-1994 15:11:31 Version: 3

* Interface: 12 Cycle#: 4 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

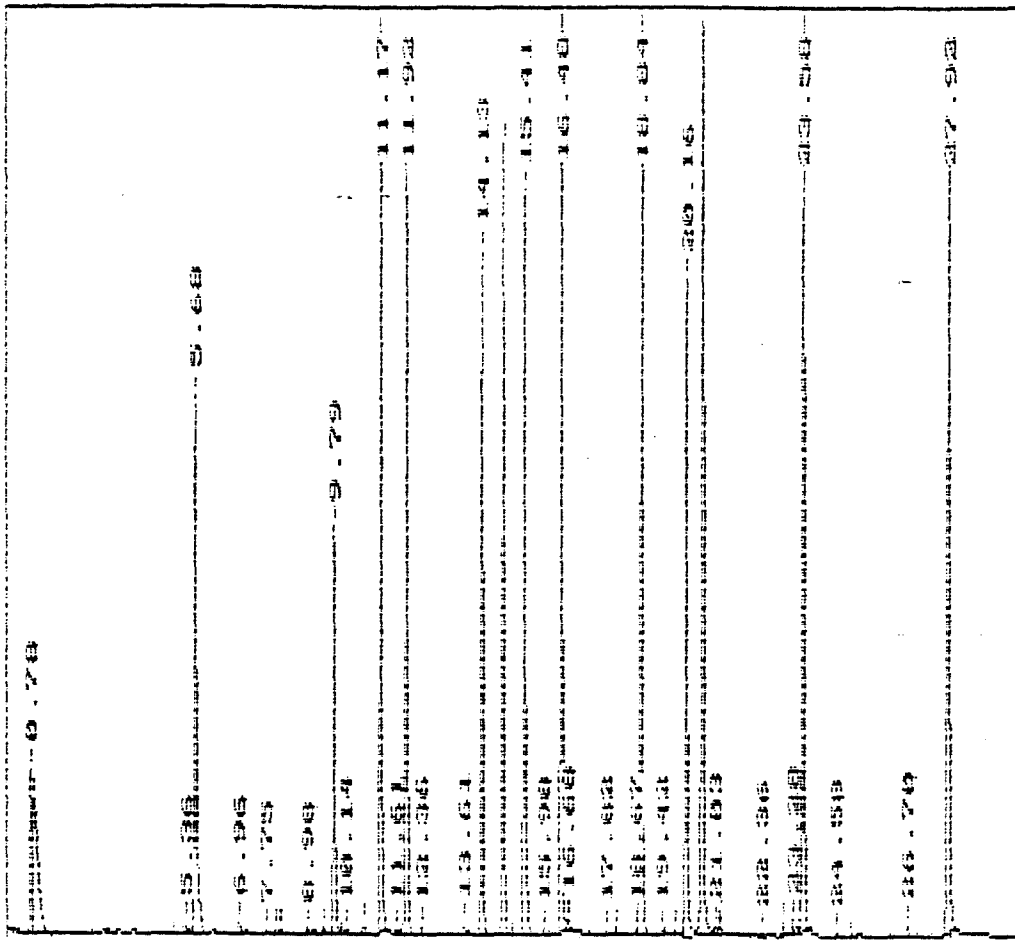
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
4	5.678	TCX	77.1781	5.1781%	908338	173055	5.2 2	0	0	8.4966E-05
7	8.049	alpha-BHC	0.5623	0.0377%	8427	1302	6.5 2	0	0	6.6730E-05
10	^ 4.69	gamma-BHC	0.6119	0.0411%	8372	1502	5.5 1	0	0	7.3095E-05
11	.786	beta-BHC	77.5293	5.2016%	545250	130682	4.2 2	0	0	1.4219E-04
13	10.671	Heptachlor	1.6542	0.1110%	17648	3305	5.3 1	0	0	9.3733E-05
14	11.172	delta-BHC	78.6894	5.2795%	1248861	319087	3.9 1	0	0	6.3009E-05
15	11.924	Aldrin	78.2658	5.2511%	1149433	251520	4.5 2	0	0	5.8091E-05
19	14.128	Heptachlor epoxide	77.3535	5.1899%	949399	219577	4.3 1	0	0	8.1476E-05
20	14.763	gamma-Chlordane	79.2711	5.3185%	1070529	253530	4.2 1	0	0	7.4049E-05
21	15.414	alpha-Chlordane	77.7506	5.2165%	1078503	238860	4.5 1	0	0	7.2091E-05
23	15.483	DDE	155.5551	10.4367%	1751050	441957	4.0 3	0	0	8.8836E-05
24	16.683	Dieldrin	2.4227	0.1625%	21866	3537	6.2 4	0	0	1.1080E-04
26	18.119	Endrin	1.1538	0.0774%	7097	1749	4.1 1	0	.2184	1.6258E-04
27	18.671	DDD	1.0401	0.0698%	6888	1979	3.5 1	0	0	1.5100E-04
28	18.838	Endosulfan II	154.3808	10.3579%	1437407	333512	4.3 1	0	0	1.0740E-04
30	19.840	DDT	1.1384	0.0764%	6800	1837	3.7 1	0	0	1.6742E-04
31	20.157	Endrin aldehyde	154.1454	10.3421%	938821	211301	4.4 2	0	0	1.6419E-04
32	20.625	Endosulfan sulfate	156.0469	10.4697%	1326912	293868	4.5 3	0	0	1.1760E-04
37	23.280	Methoxychlor	7.9597	0.5340%	16129	4549	3.5 1	0	0	4.9350E-04
38	23.580	Endrin Ketone	155.0109	10.4001%	1339877	310567	4.3 1	0	0	1.1569E-04
41	27.922	DCB	152.7485	10.2484%	1256272	265035	4.7 1	0	0	1.2159E-04

TOTAL AMOUNT = 1490.4686

PEAKS NOT FOUND IN THIS RUN
 NAME ADJUSTED RET.TIME. REFERENCE PEAK
 Endosulfan I 15.50 TCX

000092

Data File = E:\PJ05-4.PTS Printed on 11-08-1994 at 16:00:17
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



* *** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:01:17 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX B 16X Data File: E:\QJ05-a *
 * Date: 10-05-1994 19:33:17 Method: F:\DLP17 11-07-1994 17:17:49 version: a *
 * Interface: 12 Cycle#: 4 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
3	2.572	TCX	78.2040	4.9942%	1294698	225935	5.7 1	0	-1.153	5.0403E-05
5	5.544	Heptachlor	0.8774	0.0560%	10776	2830	3.8 1	0	0	8.1421E-05
6	198	Aldrin	78.2906	4.9997%	1409715	315602	4.5 1	0	0	5.5536E-05
7	181	beta-BHC	77.3695	4.9729%	734158	182858	4.0 1	0	0	1.0607E-04
8	7.749	delta-BHC	79.3053	5.0645%	1502030	416317	3.6 1	0	0	5.2799E-05
9	8.200	Heptachlor epoxide	77.9334	4.9705%	1243254	322594	3.9 1	0	0	6.2605E-05
10	8.934	Endosulfan I	3.3430	0.2454%	46839	11189	4.2 1	0	0	9.2047E-05
11	9.202	gamma-Chlorodane	77.9360	4.9771%	1268289	335980	3.8 2	0	0	6.1450E-05
12	9.452	alpha-Chlorodane	77.7527	4.9654%	1264453	331053	3.8 2	0	0	6.1491E-05
13	9.820	DDE	155.9553	9.9531%	2199440	605576	3.6 3	0	0	7.0861E-05
14	10.103	Dieldrin	1.4966	0.0956%	17759	4290	4.1 4	0	0	8.4259E-05
15	10.721	Endrin	1.6389	0.1047%	13759	3580	3.8 1	0	0	1.1911E-04
17	12.358	DDD	222.4407	14.2054%	1893799	522871	3.6 1	0	.2677	1.1746E-04
18	12.926	DDT	1.9784	0.1263%	13198	2375	5.6 1	0	0	1.4990E-04
20	13.727	Endrin aldehyde	155.2882	9.9169%	1316012	213559	6.2 2	0	0	1.1800E-04
22	14.830	Endosulfan sulfate	155.1101	9.9055%	1790972	448157	4.0 2	0	0	8.6607E-05
23	15.230	Methoxychlor	12.5800	0.8034%	34233	8282	4.1 2	0	0	3.6748E-04
24	15.982	Endrin Ketone	155.4581	9.9278%	1667671	467177	3.6 1	0	0	9.3219E-05
28	19.422	OCB	152.1335	9.7155%	1788821	444430	4.0 1	0	0	8.5047E-05

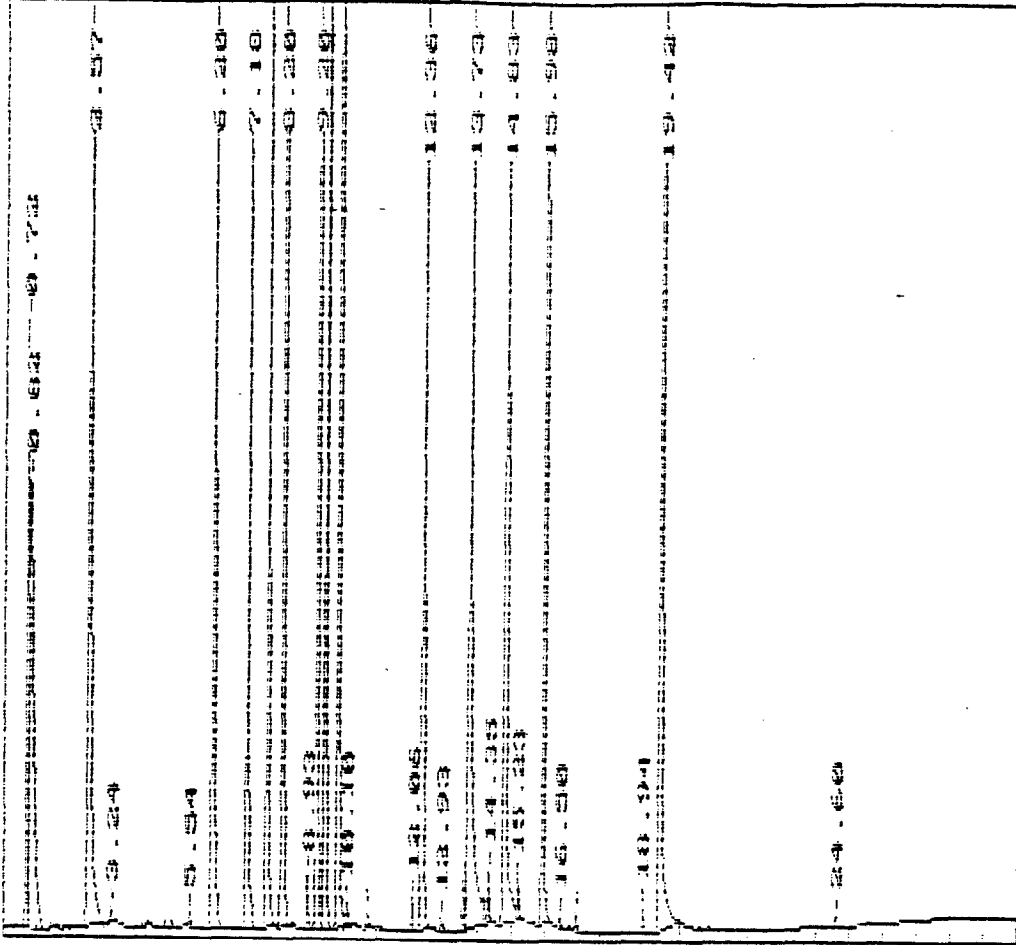
TOTAL AMOUNT = 1565.8916

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Endosulfan II	12.28	TCX

000094

Data File = E:\QJ05-4.PTS Printed on 11-08-1994 at 16:01:33
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
F . Range: 200 K-Counts



000095

> :*** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:02:31 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX A 8X Data File: E:\PJ05-5 *
 * Date: 10-05-1994 20:06:56 Method: F:\NCLP17 11-08-1994 15:11:31 Version: 3 *
 * Interface: 12 Cycle#: 5 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	5.711	TCX	36.5388	3.2378%	430038	84331	5.1	1	0	.5882	8.4966E-05
5	8.066	alpha-BHC	40.1883	3.5612%	602255	139640	4.3	1	0	.2074	6.6730E-05
7	9.519	gamma-BHC	40.4810	3.5871%	553812	138721	4.0	1	0	.5291	7.3095E-05
8	11.705	Heptachlor	41.0484	3.6374%	437929	100940	4.3	1	0	.3129	9.3733E-05
9	11.957	Aldrin	1.2942	0.1147%	19007	3834	5.0	1	0	.2901	6.8091E-05
11	15.514	Endosulfan I	43.2174	3.8296%	410020	98620	4.2	2	0	.1077	1.0540E-04
13	16.516	DDP	0.5126	0.0454%	5771	1521	3.6	1	0	.2026	8.8836E-05
14	16.717	Dieldrin	86.5794	7.6809%	782316	186947	4.2	1	0	.2001	1.1080E-04
15	18.136	Endrin	89.3772	7.9200%	549748	129544	4.2	1	0	.3108	1.5258E-04
16	18.704	DDD	88.0817	7.8052%	583310	155212	3.8	1	0	.1788	1.5100E-04
17	19.856	DDT	92.0954	8.1608%	550084	145105	3.8	2	0	0	1.6742E-04
18	20.174	Endrin aldehyde	9.9750	0.8839%	60752	14184	4.3	2	0	0	1.6419E-04
19	20.524	Endosulfan sulfate	0.6276	0.0556%	5337	1075	5.0	1	0	-.4858	1.1760E-04
21	23.313	Methoxychlor	469.5698	41.6099%	951517	229216	4.2	2	0	.1434	4.9350E-04
22	25.614	Endrin Ketone	13.7071	1.2146%	118481	28042	4.2	2	0	.1416	1.1564E-04
25	27.956	DCB	75.1106	6.6558%	617743	127976	4.8	1	0	.1196	1.2159E-04

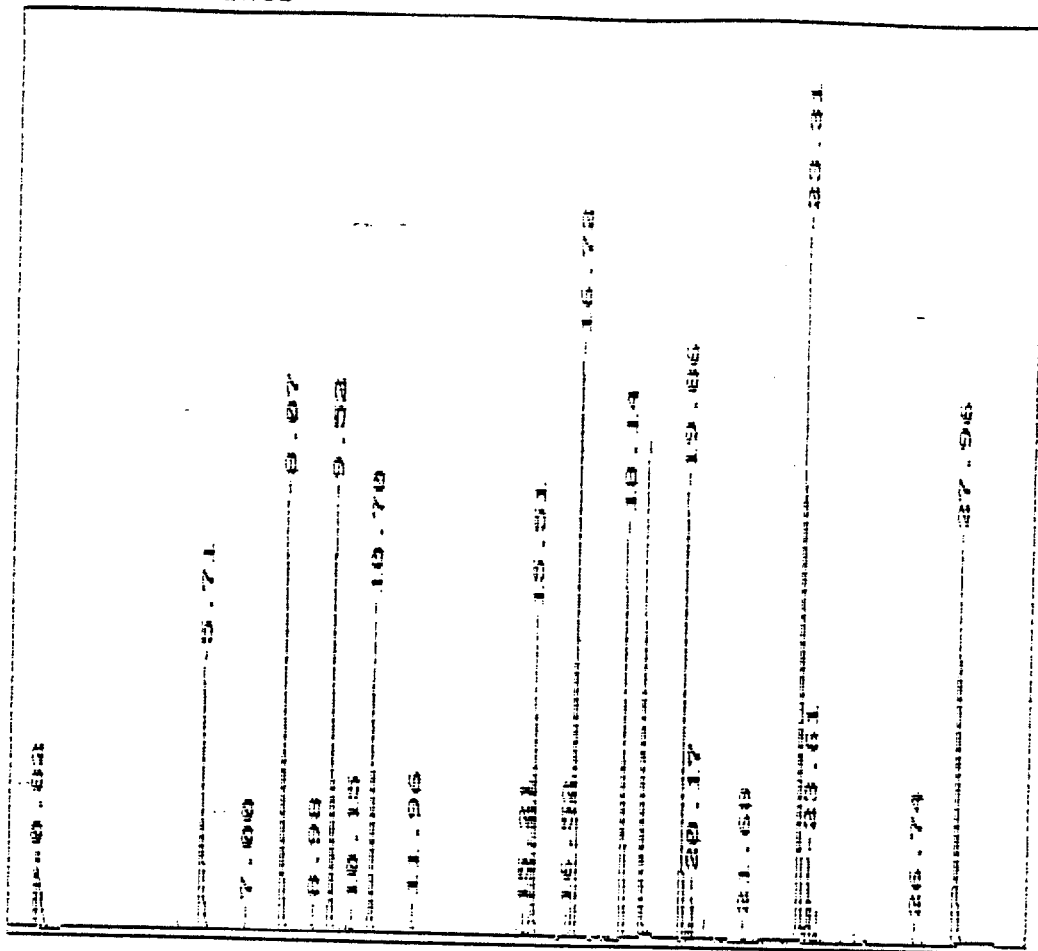
TOTAL AMOUNT = 1128.5045

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
beta-BHC	9.79	TCX
delta-BHC	11.17	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	14.75	TCX
alpha-Chlordane	15.41	TCX
Endosulfan II	18.84	TCX

000096

Data File = E:\PJ05-5.PTS Printed on 11-08-1994 at 16:02:48
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Fl 1 Range: 300 K-Counts



000097

*** EXTERNAL STANDARD TABLE ***

***** 11-08-1994 16:03:44 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX A 8X Data File: E:\QJ05-5 *
 * Date: 10-05-1994 20:06:56 Method: F:\DLP17 11-07-1994 17:17:49 Version: 4 *
 * Interface: 12 Cycle#: 5 Operator: SC Channel: 8 Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT 8L	REF PEAK	% DELTA RET TIME	CONC/AREA
3	2.589	TCX	35.7554	3.2048%	591945	110921	5.3 1	0	-5.111	6.0403E-05
4	4.175	alpha-BHC	39.5473	3.5447%	736209	163701	4.5 1	0	.8064	5.3718E-05
5	0.093	gamma-BHC	39.7919	3.5666%	685187	167602	4.1 1	0	.9933	5.8075E-05
6	.561	Heptachlor	40.2934	3.6116%	494875	121936	4.1 1	0	.3011	8.1421E-05
7	6.229	Aldrin	1.1163	0.1001%	20101	3668	5.5 1	0	.5390	5.5536E-05
8	8.968	Endosulfan I	41.7832	3.7451%	509261	136448	3.7 1	0	.3738	8.2047E-05
9	10.137	Dieldrin	84.5403	7.5775%	1003221	287736	3.5 1	0	.3305	8.4269E-05
10	10.755	Endrin	88.6959	7.9500%	744646	222460	3.3 1	0	.3115	1.1911E-04
11	12.425	DDD	86.2092	7.7271%	733961	211892	3.5 1	0	.8097	1.1746E-04
12	12.959	DDT	92.3867	8.2808%	616308	182692	3.4 1	0	.2584	1.4990E-04
13	13.761	Endrin aldehyde	7.9959	0.7167%	67762	13321	5.1 1	0	.2433	1.1800E-04
14	14.696	Endosulfan sulfate	0.5594	0.0501%	6459	1601	4.0 1	0	-.9009	8.6607E-05
15	15.264	Methoxychlor	470.8210	42.2007%	1281201	347322	3.7 2	0	.2193	3.6748E-04
17	16.015	Endrin Ketone	12.5871	1.1282%	135028	37264	3.6 1	0	.2089	9.3219E-05
19	19.455	DCB	73.5884	6.5959%	865269	220071	3.9 1	0	.1719	8.5047E-05

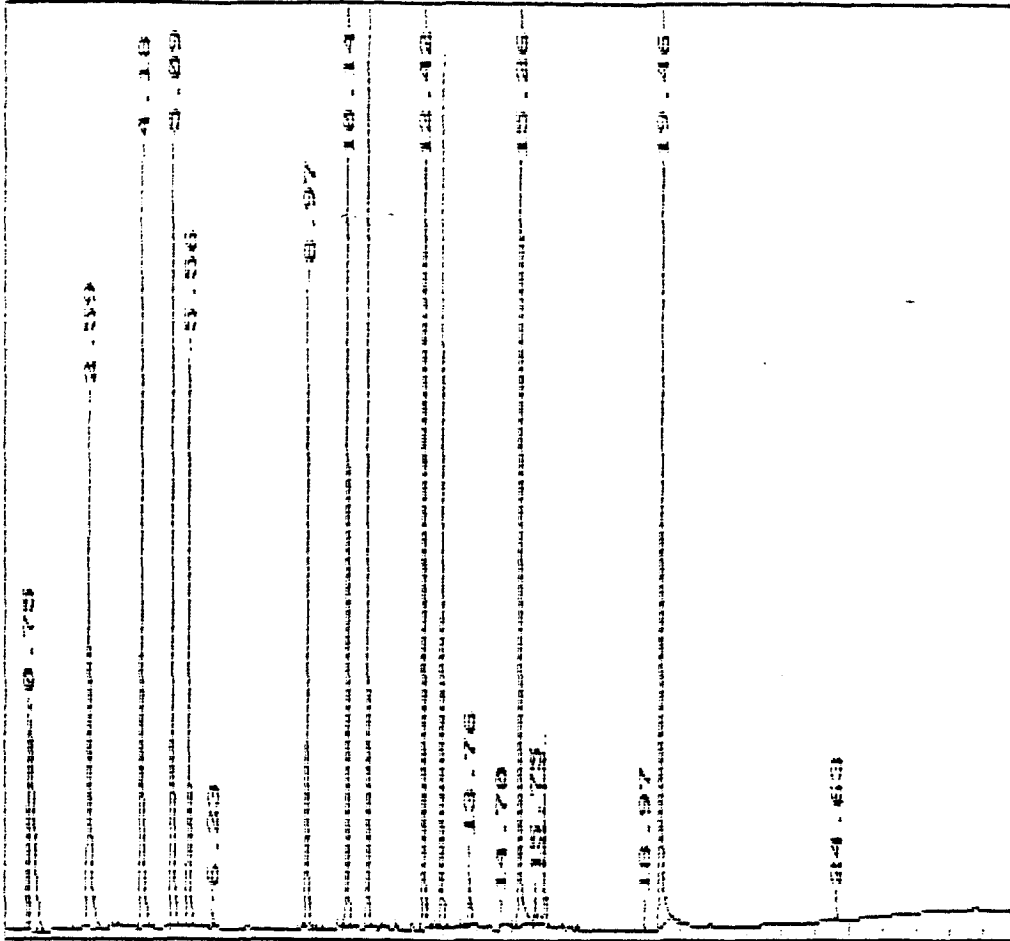
TOTAL AMOUNT = 1115.6713

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
beta-BHC	7.18	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
DDD	9.82	TCX
Endosulfan II	12.28	TCX

000098

Data File = E:\QJ05-5.PTS Printed on 11-08-1994 at 16:04:02
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000099

* *** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:04:56 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX B 16X Data File: E:\PJ05-6 *
 * Date: 10-05-1994 20:40:32 Method: F:\NCLP17 11-08-1994 15:11:31 Version: 3 *
 * Interface: 12 Cycle#: 6 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT 9L	REF PEAK	% DELTA RET TIME	CONC/AREA
4	5.728	TCX	42.9243	5.2701%	505192	97596	5.2 1	0	.9823	8.4966E-05
7	9.320	Beta-BHC	42.3049	5.1941%	297527	71358	4.2 1	0	.3412	1.4219E-04
9	7.705	Heptachlor	1.1096	0.1362%	11838	1732	6.8 1	0	.3129	9.3733E-05
9	.206	delta-BHC	41.2611	5.0659%	654846	170577	3.8 1	0	.2989	6.3009E-05
10	11.957	Aldrin	41.9274	5.1477%	615757	138551	4.4 1	0	.2801	6.3091E-05
12	14.162	Heptachlor epoxide	42.5771	5.2275%	522570	124342	4.2 1	0	.2264	8.1476E-05
13	14.796	gamma-Chlordane	42.3575	5.2006%	572024	138480	4.1 1	0	.3104	7.4049E-05
14	15.431	alpha-Chlordane	42.2247	5.1842%	585711	136335	4.3 1	0	.1083	7.2091E-05
15	16.516	ODE	84.8468	10.4173%	955096	249399	3.8 3	0	.2926	8.8836E-05
16	16.717	Dieidrin	1.4608	0.1794%	13184	1863	7.1 4	0	.2001	1.1080E-04
18	18.136	Endrin	0.7024	0.0862%	4321	1004	4.3 1	0	.3108	1.5258E-04
19	18.371	Endosulfan II	85.3634	10.4807%	794800	188134	4.2 1	0	.1773	1.0740E-04
21	19.856	DDT	0.4976	0.0611%	2972	938	3.2 1	0	0	1.5742E-04
22	20.174	Endrin aldehyde	85.9192	10.5489%	523290	123291	4.2 2	0	0	1.6419E-04
23	20.658	Endosulfan sulfate	83.2043	10.2156%	707510	168039	4.2 2	0	.1619	1.1760E-04
26	23.313	Methoxychlor	4.0711	0.4998%	8249	2223	3.7 1	0	.1434	4.9350E-04
27	23.614	Endrin Ketone	84.7665	10.4074%	732701	174218	4.2 3	0	.1416	1.1569E-04
30	27.939	DCB	86.9624	10.6770%	715218	143809	5.0 1	0	0	1.2159E-04

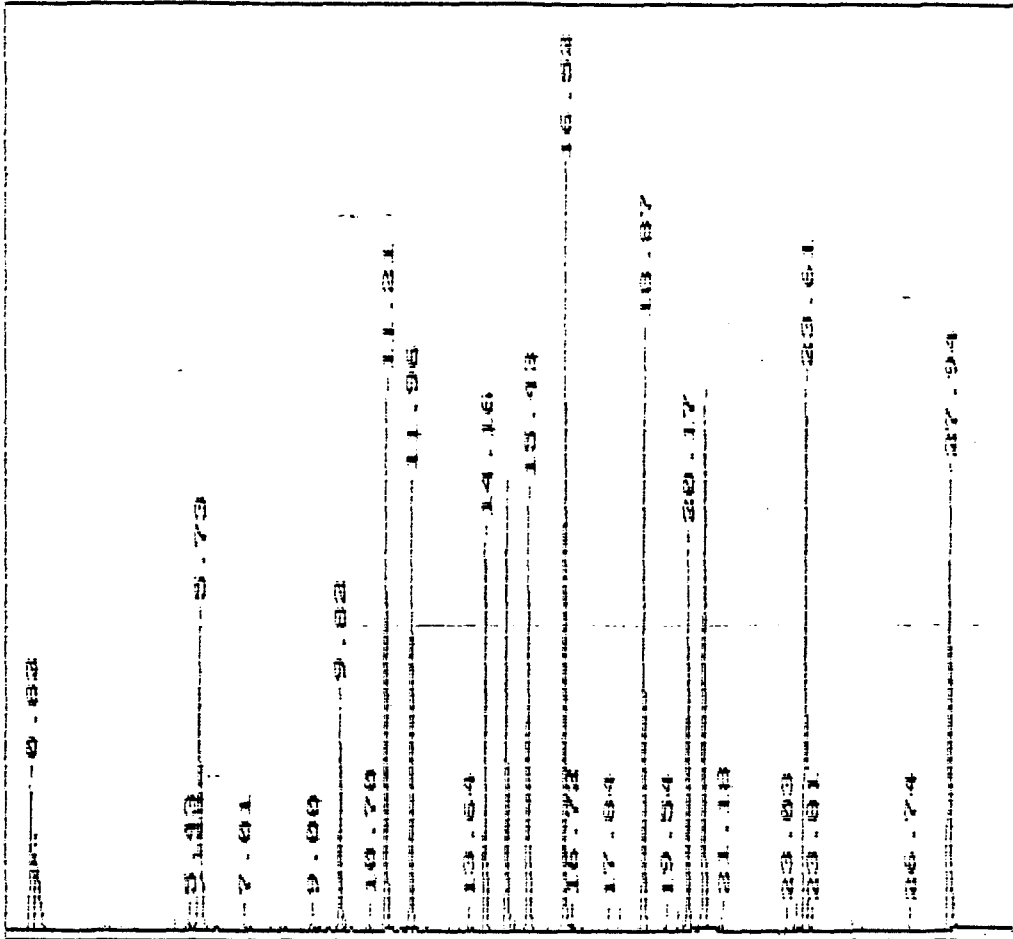
TOTAL AMOUNT = 814.4814

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
Endosulfan I	15.50	TCX
DDD	18.67	TCX

000100

Data File = E:\PJ05-6.PTS Printed on 11-08-1994 at 16:05:13
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
File Range: 300 K-Counts



000101

* *** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:06:10 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX B 16X Data File: E:\QJ05-6 *
 * Date: 10-05-1994 20:40:32 Method: F:\DLP17 11-07-1994 17:17:49 Version: 4 *
 * Interface: 12 Cycle#: 6 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED- CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	DELTA RET TIME	CONC/AREA
3	2.539	TCX	42.9131	5.0425%	710444	131406	5.4	1	0	1.414	6.0403E-05
4	6.246	Aldrin	41.8323	4.9155%	753239	184530	4.1	1	0	.8086	5.5536E-05
5	7.231	beta-BHC	42.1120	4.9483%	397034	96541	4.1	1	0	.6976	1.3607E-04
6	7.799	delta-BHC	40.6637	4.7782%	770164	220583	3.5	1	0	.6465	5.2799E-05
7	8.250	Heptachlor epoxide	42.1361	4.9512%	673051	178537	3.8	1	0	.6109	6.2605E-05
8	8.985	Endosulfan I	2.2628	0.2659%	27580	6764	4.1	1	0	.5607	8.2047E-05
9	9.235	gamma-Chlorodane	42.0155	4.9370%	683737	187112	3.7	2	0	.3629	6.1450E-05
10	9.486	alpha-Chlorodane	42.2170	4.9607%	686554	189333	3.6	2	0	.3533	6.1491E-05
11	9.853	DDE	84.4873	9.9276%	1192290	326205	3.7	1	0	.3401	7.0861E-05
12	10.755	Endrin	1.7997	0.2115%	15110	2767	5.5	1	0	.3115	1.1911E-04
14	12.391	DDD	119.7662	14.0730%	1019657	288973	3.5	1	0	.5387	1.1746E-04
16	13.761	Endrin aldehyde	85.5183	10.0488%	724737	121550	6.0	3	0	.2433	1.1800E-04
19	14.963	Endosulfan sulfate	84.7130	9.9541%	978135	251295	3.9	2	0	.2252	8.6607E-05
20	15.264	Methoxychlor	6.5244	0.7784%	18026	4403	4.1	2	0	.2193	3.6748E-04
21	16.015	Endrin Ketone	83.9612	9.8658%	900691	254115	3.5	1	0	.2089	9.3219E-05
25	19.455	DCB	88.0111	10.3417%	1034855	259490	4.0	1	0	.1719	8.5047E-05

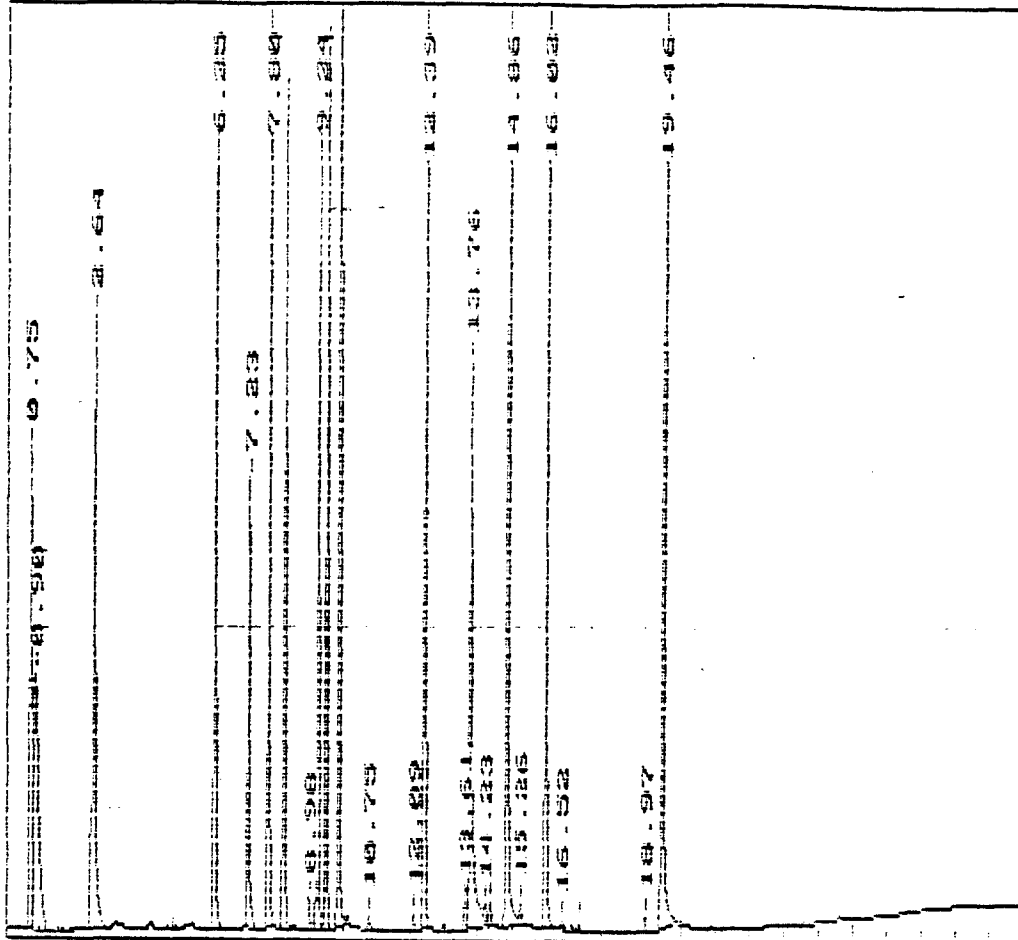
TOTAL AMOUNT = 851.0338

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Dieldrin	10.10	TCX
Endosulfan II	12.28	TCX
DDT	12.93	TCX

000102

Data File = E:\QJ05-6.PTS Printed on 11-08-1994 at 16:06:28
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Fl Range: 200 K-Counts



000103

***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:07:22 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX A 4X Data File: E:\PJ05-7 *
 * Date: 10-05-1994 21:14:09 Method: F:\CLP17 11-08-1994 15:11:31 Version: 3 *
 * Interface: 12 Cycle#: 7 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION IN PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	DELTA RET TIME	CONC/AREA
3	5.728	TCX	20.3991	3.2089%	240085	49255	4.9 1	0	.9823	8.4966E-05
4	8.083	alpha-BHC	21.5329	3.3873%	322689	77946	4.1 1	0	.4149	6.6730E-05
6	9.519	gamma-BHC	22.1148	3.4788%	302548	76058	4.0 1	0	.5291	7.3095E-05
7	10.705	Heptachlor	23.3690	3.6761%	249315	56795	4.4 1	0	.3129	9.3733E-05
8	11.957	Aldrin	0.6055	0.0953%	8893	1846	4.8 1	0	.2801	6.8091E-05
9	15.514	Endosulfan I	24.0789	3.7878%	228446	53424	4.3 1	0	.1077	1.0540E-04
10	16.717	Dieldrin	48.2766	7.5942%	435715	105450	4.1 1	0	.2001	1.1080E-04
11	18.136	Endrin	51.9307	8.1690%	319420	77439	4.1 1	0	.3108	1.6258E-04
12	18.687	DDD	47.6703	7.4988%	315691	83812	3.8 1	0	0	1.5100E-04
13	19.840	DDT	50.8454	7.9983%	303699	74898	4.1 2	0	0	1.6742E-04
14	20.174	Endrin aldehyde	5.1155	0.8047%	31156	7297	4.3 2	0	0	1.6419E-04
15	20.541	Endosulfan sulfate	0.6145	0.0967%	5225	1090	4.8 1	0	-.4048	1.1760E-04
16	23.296	Methoxychlor	269.4392	42.3844%	545981	132862	4.1 2	0	0	4.9350E-04
17	23.614	Endrin Ketone	7.1984	1.1323%	62221	14123	4.4 2	0	.1416	1.1569E-04
19	27.939	DDC	42.5127	6.6875%	349643	72497	4.8 1	0	0	1.2159E-04

TOTAL AMOUNT = 635.7036

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME.	REFERENCE PEAK
beta-BHC	9.79	TCX
delta-BHC	11.17	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	14.75	TCX
alpha-Chlordane	15.41	TCX
DDE	16.48	TCX
Endosulfan II	18.84	TCX

000104

* *** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:08:35 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX A 4X Data File: E:\QJ05-7 *
 * Date: 10-05-1994 21:14:09 Method: F:\DLP17 11-07-1994 17:17:49 Version: 4 *

* Interface: 12 Cycle#: 7 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT 8L	REF PEAK	DELTA RET TIME	CONC/AREA
4	2.539	TCX	17.2137	2.5798%	284980	59395	4.3 2	0	1.414	6.0403E-05
5	4.208	alpha-BHC	20.8011	3.2371%	387231	91272	4.2 1	0	1.512	5.3718E-05
6	110	gamma-BHC	21.4741	3.3418%	369767	93750	3.9 1	0	1.324	5.8075E-05
7	5.578	Heptachlor	22.6829	3.5299%	278586	67242	4.1 1	0	.6024	8.1421E-05
8	6.246	Aldrin	0.4904	0.0763%	8830	1854	4.8 1	0	.8086	5.5536E-05
9	8.985	Endosulfan I	23.3396	3.6321%	284468	75143	3.8 1	0	.5607	8.2047E-05
10	10.137	Dieldrin	47.2067	7.3463%	560192	161995	3.5 1	0	.3305	8.4259E-05
11	10.755	Endrin	51.2958	7.9826%	430654	126578	3.4 1	0	.3115	1.1911E-04
12	12.425	DDO	47.9037	7.4548%	407839	122118	3.3 1	0	.8097	1.1746E-04
13	12.959	DDT	52.5683	8.1807%	350681	101342	3.5 1	0	.2584	1.4990E-04
14	13.761	Endrin aldehyde	3.8932	0.6059%	32994	6701	4.9 1	0	.2433	1.1800E-04
15	15.264	Methoxychlor	283.9947	44.1952%	772808	210618	3.7 2	0	.2193	3.6748E-04
17	16.015	Endrin Ketone	6.6058	1.0280%	70863	20732	3.4 1	0	.2089	9.3219E-05
18	19.439	DCB	43.1216	6.7106%	507034	123338	4.1 1	0	.0859	8.5047E-05

TOTAL AMOUNT = 642.5915

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
beta-BHC	7.18	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
DOE	9.82	TCX
Endosulfan II	12.28	TCX
Endosulfan sulfate	14.83	TCX

000106

***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:15:04 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX B 4x Data File: E:\PJ05-8 *
 * Date: 10-05-1994 21:47:45 Method: F:\CLP17 11-08-1994 15:11:31 Version: 3 *
 * Interface: 12 Cycle#: 8 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
4	5.711	TCX	23.4902	5.3076%	276465	55288	5.0 1	0	.5882	8.4966E-05
5	9.903	beta-BHC	23.2255	5.2478%	163343	39392	4.1 1	0	.1706	1.4219E-04
6	11.189	delta-BHC	21.6733	4.8970%	343972	94078	3.7 1	0	.1494	6.3009E-05
7	14.145	Aldrin	21.8096	4.9278%	320301	75321	4.3 1	0	.1400	6.8091E-05
8	14.779	Heptachlor epoxide	23.3689	5.2901%	286818	68995	4.2 1	0	.1181	8.1476E-05
9	14.779	gamma-Chlordane	22.7030	5.1297%	306596	74623	4.1 1	0	.1972	7.4049E-05
10	15.414	alpha-Chlordane	22.8163	5.1553%	316492	72502	4.4 1	0	0	7.2091E-05
11	16.500	DDE	44.9945	10.1664%	506489	135487	3.7 1	0	.1013	8.8836E-05
12	18.954	Endosulfan II	47.2822	10.6833%	440235	105404	4.2 1	0	0	1.0740E-04
13	20.157	Endrin aldehyde	47.1139	10.6453%	286947	69998	4.1 1	0	0	1.6419E-04
14	20.641	Endosulfan sulfate	45.7756	10.3429%	389243	93159	4.2 1	0	0	1.1760E-04
17	23.296	Methoxychlor	2.8767	0.6500%	5829	1324	4.4 2	0	0	4.9350E-04
18	23.597	Endrin ketone	46.3381	10.4700%	400535	95353	4.2 1	0	0	1.1569E-04
19	27.939	DCB	49.1127	11.0969%	403924	82724	4.9 1	0	0	1.2159E-04

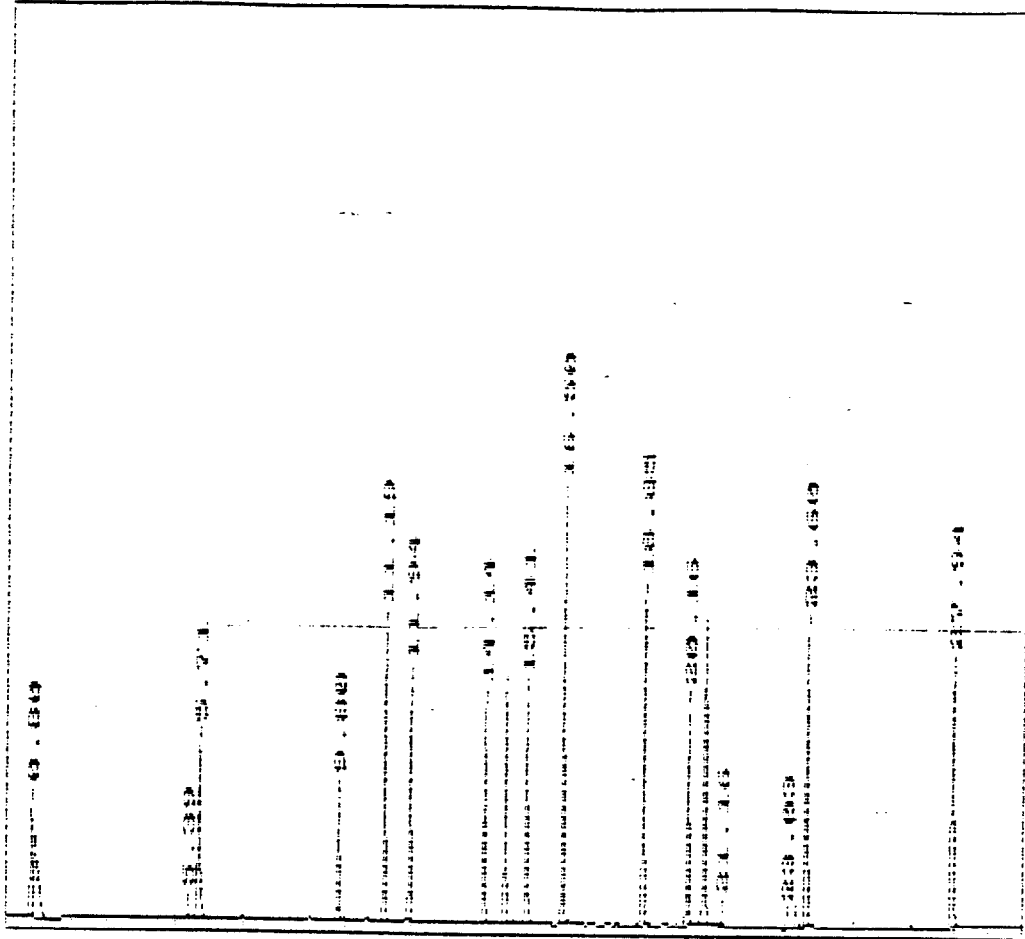
TOTAL AMOUNT = 442.5804

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
Heptachlor	10.67	TCX
Endosulfan I	15.50	TCX
Dieldrin	16.68	TCX
Endrin	18.08	TCX
DDD	18.67	TCX
DDT	19.84	TCX

000108

Data File = E:\NPJ05-8.PTS Printed on 11-08-1994 at 16:15:08
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



000109

*** EXTERNAL STANDARD TABLE ***

***** 11-08-1994 16:15:33 version 5.2.0 *****
 * Sample Name: WS39-01/ MIX B 4X Data File: E:\NJJ05-8 *
 * Date: 10-05-1994 21:47:45 Method: F:\NDIP17 11-07-1994 17:17:49 Version: 4 *
 * Interface: 12 Cycle#: 8 Operator: SC Channel: 5 Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min 34C/min 290C/4min 310C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CUNC	AREA	HEIGHT	HEIGHT BL	REF PEAK	* DELTA RET TIME	CONC/AREA
4	2.622	TCX	19.9685	4.3573%	330587	66894	4.9 2	0	.7725	6.0403E-05
5	6.229	Aldrin	21.9757	4.7953%	395699	98658	4.0 1	0	.5390	5.5536E-05
6	7.214	beta-BHC	22.7065	4.9547%	214078	53883	4.0 1	0	.4651	1.0607E-04
7	7.782	delta-BHC	20.9025	4.5611%	395891	115491	3.4 1	0	.4310	5.2799E-05
8	8.233	Heptachlor epoxide	22.7304	4.9600%	363079	98985	3.7 1	0	.4073	6.2605E-05
9	8.968	Endosulfan I	1.1853	0.2586%	14447	3554	4.1 1	0	.3738	8.2047E-05
10	9.218	gamma-Chlorodane	22.6054	4.9327%	367869	101425	3.6 2	0	.1914	6.1450E-05
11	9.469	alpha-Chlorodane	22.8220	4.9799%	371142	105509	3.5 2	0	.1766	6.1491E-05
12	9.853	DDT	44.8453	9.7856%	632860	172991	3.7 1	0	.3401	7.0861E-05
13	10.738	Endrin	0.9442	0.2060%	7927	1477	5.4 1	0	.1557	1.1911E-04
15	12.375	DDD	65.8675	14.3728%	560778	153339	3.7 1	0	.4032	1.1746E-04
17	13.744	Endrin aldehyde	46.0840	10.0559%	390546	67132	5.8 2	0	.1216	1.1800E-04
19	14.846	Endosulfan sulfate	46.7078	10.1920%	539310	139977	3.9 3	0	.1126	8.6607E-05
20	15.264	Methoxychlor	3.2354	0.7060%	8804	2232	3.9 4	0	.2193	3.6748E-04
21	15.999	Endrin ketone	46.2383	10.0896%	496019	139514	3.5 1	0	.1044	9.3219E-05
22	19.439	DCB	49.4589	10.7923%	581549	146137	4.0 1	0	.0859	8.5047E-05

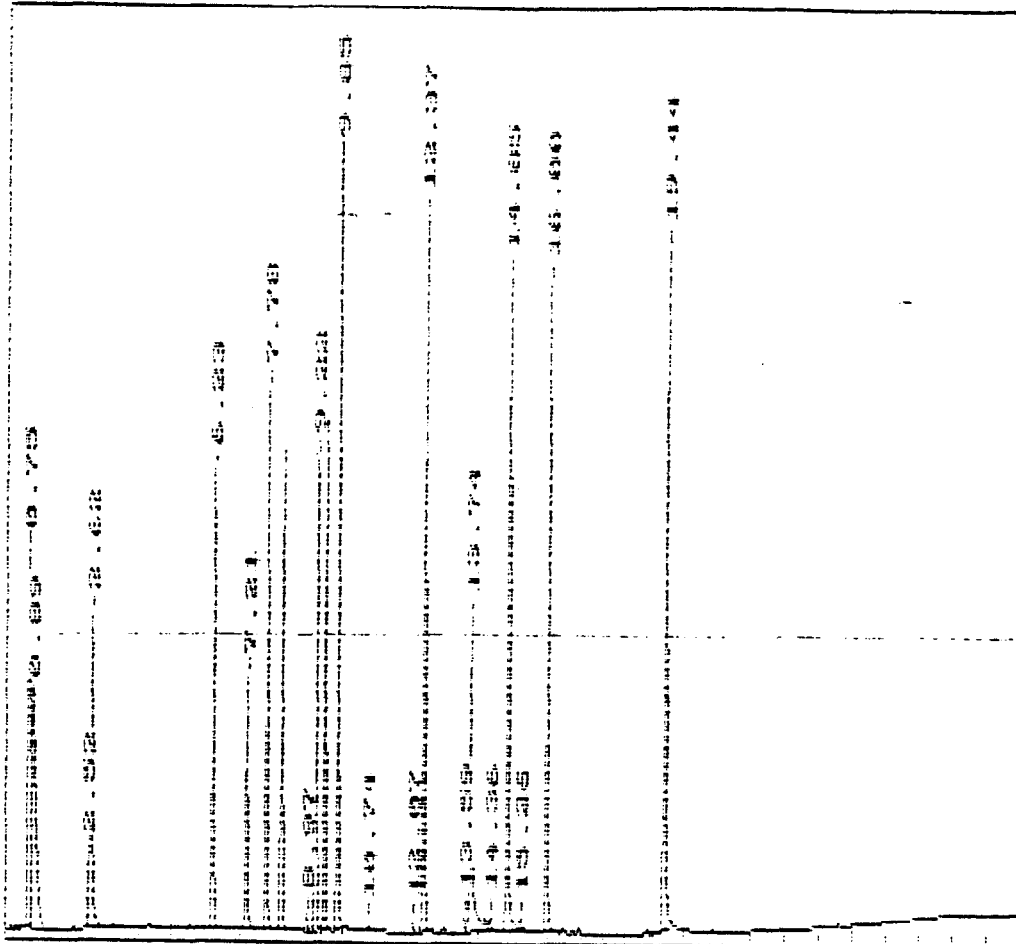
TOTAL AMOUNT = 458.2778

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Dieldrin	10.10	TCX
Endosulfan II	12.28	TCX
DDT	12.93	TCX

000110

Data File = E:\QJ05-8.PTS Printed on 11-08-1994 at 16:15:38
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:16:30 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX A 2X Data File: E:\PJ05-9 *
 * Date: 10-05-1994 22:21:21 Method: F:\NCLP17 11-08-1994 15:11:31 Version: *
 * Interface: 12 Cycle#: 9 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min 340C/min 290C/4min 310C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION-in- PPB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT BL	REF PEAK	DETA RET TIME	CONC/AREA
3	5.711	TCX	11.0283	3.1776%	129796	27083	4.8 1	0	.5882	8.4966E-05
4	8.083	alpha-BHC	11.2401	3.2387%	168442	39982	4.2 1	0	.4149	6.6730E-05
5	9.519	gamma-BHC	11.6495	3.3566%	159374	40826	3.9 1	0	.5291	7.3095E-05
6	10.75	Heptachlor	12.6434	3.6430%	134888	31814	4.2 1	0	.3129	9.3733E-05
7	15.498	Endosulfan I	13.1267	3.7822%	124538	29234	4.3 1	0	0	1.0540E-04
8	16.717	Dieldrin	25.9615	7.4804%	234313	57598	4.1 1	0	.2901	1.1080E-04
9	18.136	Endrin	27.9803	8.0621%	172104	42281	4.1 1	0	.3108	1.6258E-04
10	18.687	DDE	25.3634	7.3081%	167966	45277	3.7 1	0	0	1.5100E-04
11	19.840	DDE	27.0904	7.8056%	161810	40662	4.0 2	0	0	1.6742E-04
12	20.174	Endrin aldehyde	2.8396	0.8182%	17295	4144	4.2 2	0	0	1.6419E-04
13	23.296	Mechoxychlor	150.2710	43.2981%	304503	73301	4.2 2	0	0	4.9350E-04
14	23.614	Endrin ketone	3.6961	1.0650%	31949	7613	4.2 2	0	.1416	1.1564E-04
15	27.939	DDE	24.1709	6.9644%	198792	41194	4.8 1	0	0	1.2154E-04

TOTAL AMOUNT = 347.0612

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
beta-BHC	9.79	TCX
delta-BHC	11.17	TCX
Aldrin	11.92	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	14.75	TCX
alpha-Chlordane	15.41	TCX
DDE	16.48	TCX
Endosulfan II	18.84	TCX
Endosulfan sulfate	20.62	TCX

000112

* *** EXTERNAL STANDARD TABLE ***

***** 11-08-1994 16:17:42 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX A 2X Data File: E:\QJ05-9 *
 * Date: 10-05-1994 22:21:21 Method: F:\DLP17 11-07-1994 17:17:49 Version: 4 *
 * Interface: 12 Cycle#: 4 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HF *
 * Conditions: 170C/1min 270C/7min 40C/min 290C/4min 100C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION-in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	2.622	TCX	10.2169	2.9601%	169146	33596	5.0 1	0	.7725	6.0403E-05
4	4.192	alpha-BHC	10.4156	3.0176%	193895	46606	4.2 1	0	1.209	5.3718E-05
5	7.093	gamma-BHC	10.9823	3.1818%	189107	46756	4.0 1	0	.9933	5.8075E-05
6	8.578	Heptachlor	11.9560	3.4639%	146841	39372	3.7 1	0	.6024	8.1421E-05
7	8.968	Endosulfan I	12.5086	3.6240%	152457	42558	3.6 1	0	.3738	8.2047E-05
8	10.137	Dieldrin	25.0303	7.2518%	297029	87220	3.4 1	0	.3305	8.4264E-05
9	10.755	Endrin	26.9598	7.8108%	226341	63825	3.5 1	0	.3115	1.1911E-04
10	12.425	DDD	25.0264	7.2507%	213068	63811	3.3 1	0	.8097	1.1746E-04
11	12.959	DDT	28.0070	8.1142%	186834	52980	3.5 1	0	.2584	1.4940E-04
12	13.761	Endrin aldehyde	2.0429	0.5919%	17313	3537	4.9 1	0	.2433	1.1800E-04
13	15.264	Methoxychlor	154.2455	44.5883%	419734	115921	3.6 1	0	.2193	3.6748E-04
14	16.015	Endrin Ketone	3.5682	1.0338%	38277	11119	3.4 1	0	.2084	4.3214E-05
15	19.439	DCE	24.1995	7.0111%	284543	71423	4.0 1	0	.0859	8.5047E-05

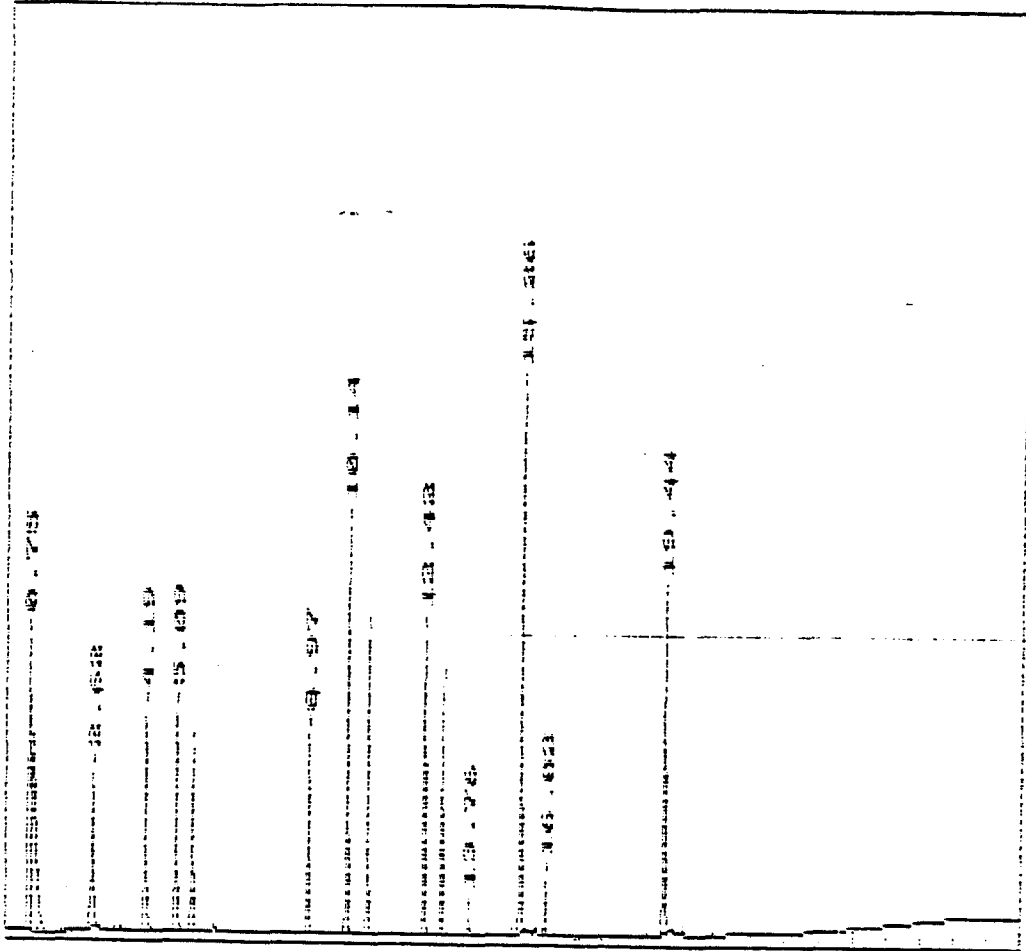
TOTAL AMOUNT = 345.1590

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
Aldrin	6.20	TCX
beta-BHC	7.18	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
DDE	9.82	TCX
Endosulfan II	12.28	TCX
Endosulfan sulfate	14.83	TCX

000114

Data File = E:\QJ05-9.PTS Printed on 11-08-1994 at 16:17:59
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



*** EXTERNAL STANDARD TABLE ***

***** 11-08-1994 16:18:49 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX B 2X Data File: E:\PJ05-10 *
 * Date: 10-05-1994 22:54:58 Method: F:\CLP17 11-08-1994 15:11:31 Version: 3

* Interface: 12 Cycle#: 10 Operator: SC Channel: A Vial#: N.A.
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500

 * Instrument Type: GC#3 Column Type: DB1701 DB608

* Solvent Description: HE

* Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min

* Detector 0: ECD Detector 1: ECD

* Misc. Information: LPT1: *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION-in- PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	DELTA RET TIME	CONC/AREA
3	5.711	TCX	12.9661	5.2432%	152503	30629	5.0 1	0	.5882	8.4966E-05
4	9.803	beta-BHC	13.0859	5.2916%	92032	23426	3.9 1	0	.1706	1.4219E-04
5	11.189	delta-BHC	11.6514	4.7116%	184917	49033	3.8 1	0	.1494	5.3009E-05
6	11.941	Aldrin	11.9301	4.8242%	175209	40747	4.3 1	0	.1400	6.8091E-05
7	14.145	Heptachlor epoxide	13.1189	5.3050%	161014	39835	4.0 1	0	.1181	8.1476E-05
8	14.779	gamma-Chlordane	12.5754	5.0852%	169826	41560	4.1 1	0	.1972	7.4049E-05
9	15.414	alpha-Chlordane	12.6312	5.1079%	175212	41548	4.2 1	0	0	7.2091E-05
10	16.500	DDE	24.7620	10.0132%	278739	75897	3.7 1	0	.1013	8.8836E-05
11	19.854	Endosulfan II	26.8102	10.8414%	249624	60850	4.1 1	0	0	1.0740E-04
12	20.157	Endrin aldehyde	26.8277	10.8485%	163394	39255	4.2 1	0	0	1.6419E-04
13	20.641	Endosulfan sulfate	25.7646	10.4186%	219084	53477	4.1 1	0	0	1.1760E-04
14	23.597	Endrin Ketone	26.2810	10.6274%	227166	56715	4.0 1	0	0	1.1569E-04
15	27.939	OCB	28.8901	11.6825%	237605	48425	4.9 1	0	0	1.2159E-04

TOTAL AMOUNT = 247.2946

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
Heptachlor	10.67	TCX
Endosulfan I	15.50	TCX
Dieldrin	16.68	TCX
Endrin	18.08	TCX
DDD	18.67	TCX
DEP	19.84	TCX
Methoxychlor	23.28	TCX

000116

* *** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:19:57 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX B 2X Data File: E:\QJ05-10 *
 * Date: 10-05-1994 22:54:58 Method: F:\DLP17 11-07-1994 17:17:49 Version: 4 *
 * Interface: 12 Cycle#: 10 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED- CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	2.605	TCX	12.3306	4.9296%	204138	39619	5.2 1	0	.1306	6.0403E-05
4	6.212	Aldrin	11.8809	4.7498%	213929	55106	3.9 1	0	.2695	5.5536E-05
5	7.198	beta-BHC	12.5019	4.9991%	117868	31652	3.7 1	0	.2325	1.0607E-04
6	7.782	delta-BHC	10.9112	4.3622%	206656	59897	3.5 1	0	.4310	5.2799E-05
7	8.216	Heptachlor epoxide	12.5372	5.0122%	200250	52919	3.9 1	0	.2036	5.2605E-05
8	8.968	Endosulfan I	0.8158	0.2462%	7506	1943	3.9 1	0	.3738	8.2047E-05
9	9.218	gamma-Chlorodane	12.4443	4.9751%	202511	59353	3.5 2	0	.1814	5.1450E-05
10	9.469	alpha-Chlorodane	12.6215	5.0459%	205257	59646	3.4 2	0	.1766	6.1491E-05
11	9.836	DDT	24.3078	9.7180%	343033	98763	3.5 1	0	.1700	7.0861E-05
12	12.375	DDD	36.9418	14.7689%	314513	91089	3.5 1	0	.4032	1.1746E-04
14	13.744	Endrin aldehyde	22.6821	9.0681%	192223	36584	5.3 1	0	.1216	1.1800E-04
15	14.846	Endosulfan sulfate	25.2010	10.0751%	290983	80352	3.6 1	0	.1126	8.6607E-05
16	15.999	Endrin ketone	26.1802	10.4665%	280847	80906	3.5 1	0	.1044	9.3219E-05
17	19.439	DCB	28.9758	11.5842%	340704	86194	4.0 1	0	.0859	8.5047E-05

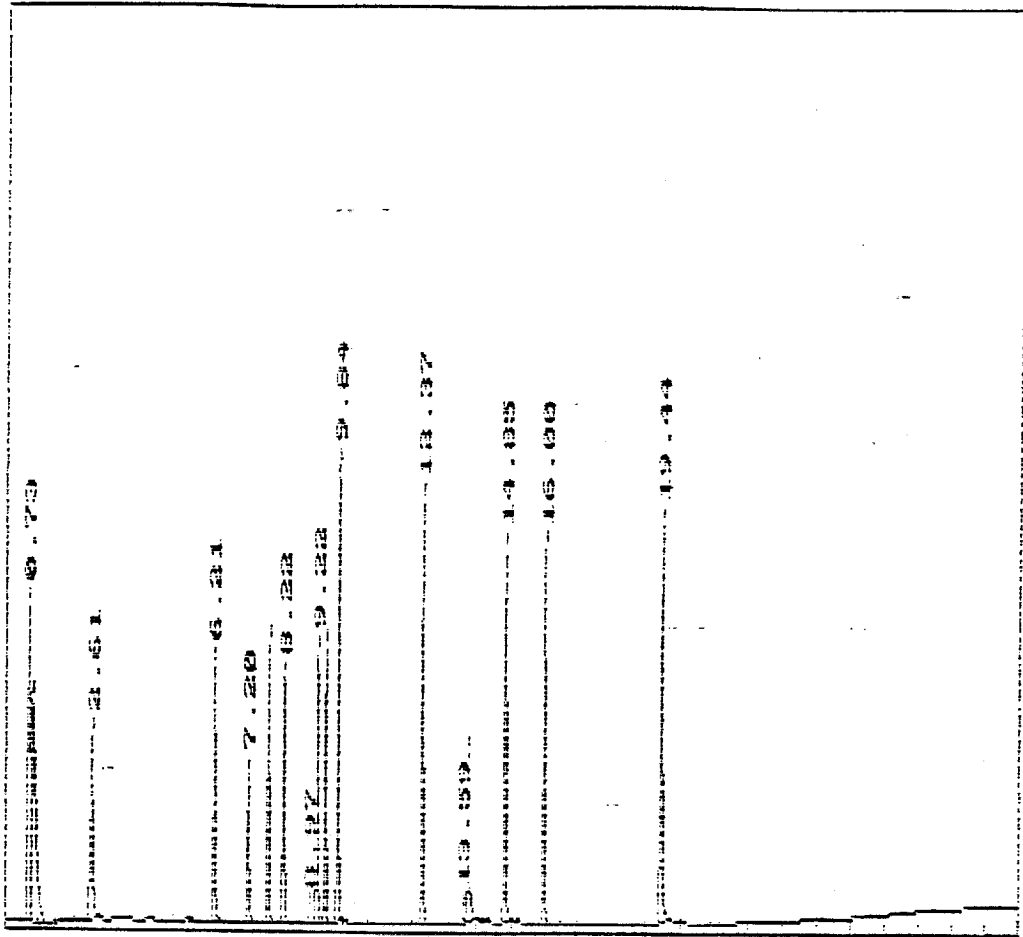
TOTAL AMOUNT = 250.1320

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Dieldrin	10.10	TCX
Endrin	10.72	TCX
Endosulfan II	12.28	TCX
DDT	12.93	TCX
Methoxychlor	15.23	TCX

000118

Data File = E:\QJ05-10.PTS Printed on 11-08-1994 at 16:20:14
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Fr. Range: 200 K-Counts



000119

***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:21:04 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX A 1X Data File: E:\PJ05-11 *
 * Date: 10-05-1994 23:28:35 Method: F:\NCLP17 11-08-1994 15:11:31 Version: 3 *
 * Interface: 12 Cycle#: 11 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	5.595	TCX	5.8522	3.1872%	58876	14799	4.7 1	0	.2941	8.4966E-05
4	8.066	alpha-BHC	5.7017	3.1052%	85445	20840	4.1 1	0	.2074	6.5730E-05
5	9.502	gamma-BHC	5.9713	3.2521%	81692	21400	3.8 1	0	.3527	7.3095E-05
6	10.588	Heptachlor	6.6920	3.6446%	71395	16677	4.3 1	0	.1564	9.3733E-05
7	15.498	Endosulfan I	6.9558	3.7882%	65993	16219	4.1 1	0	0	1.0540E-04
8	16.700	Dieldrin	13.5765	7.3940%	122534	30866	4.0 1	0	.1001	1.1080E-04
9	18.119	Endrin	14.8638	8.0950%	91425	22783	4.0 1	0	.2184	1.5258E-04
10	18.687	DDD	13.0337	7.0984%	86314	23477	3.7 1	0	0	1.5100E-04
11	19.840	ODT	13.7952	7.5131%	82398	21850	3.8 1	0	0	1.5742E-04
12	20.157	Endrin aldehyde	1.3806	0.7519%	8408	2041	4.1 1	0	0	1.5419E-04
13	23.295	Methoxychlor	80.4312	43.8041%	162983	38796	4.2 2	0	0	4.9350E-04
14	23.597	Endrin Ketone	1.8946	1.0318%	16377	4001	4.1 2	0	0	1.1569E-04
15	27.939	DCB	13.4672	7.3345%	110761	23291	4.8 1	0	0	1.2159E-04

TOTAL AMOUNT = 183.6160

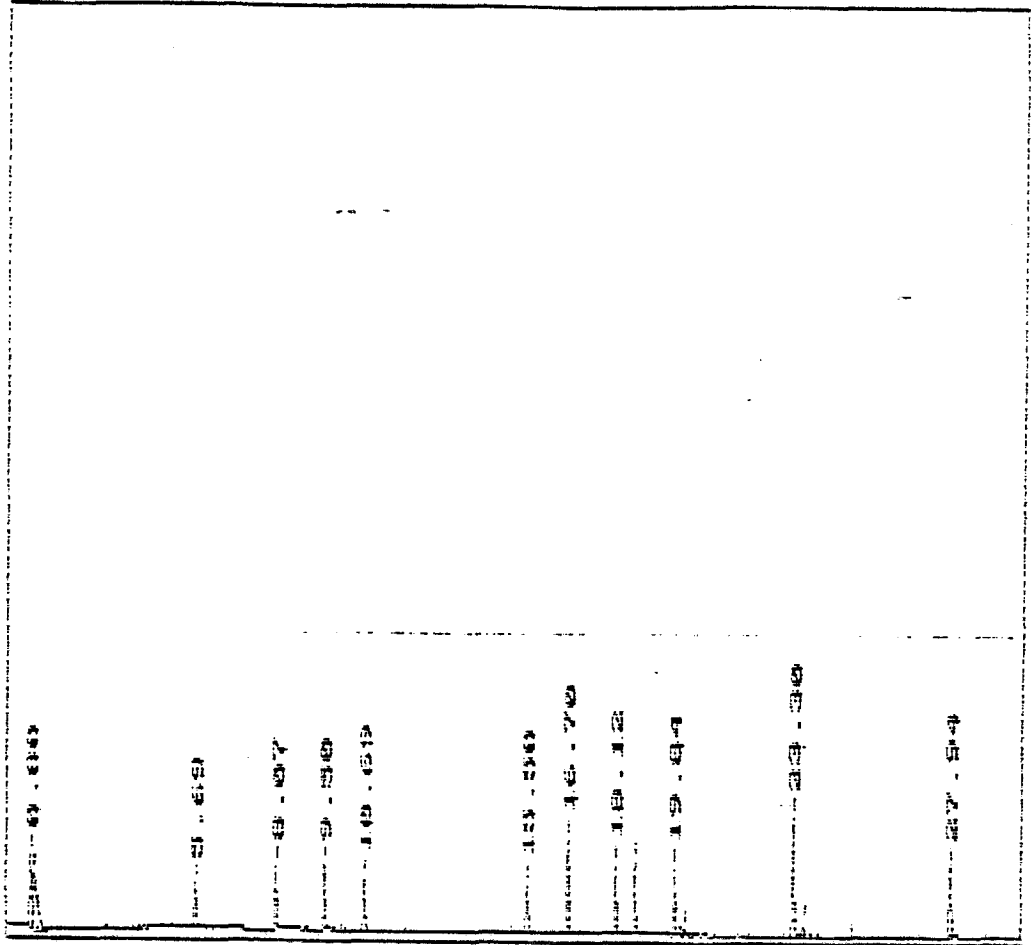
PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
beta-BHC	9.79	TCX
delta-BHC	11.17	TCX
Aldrin	11.92	TCX
Heptachlor epoxide	14.13	TCX
gamma-Chlordane	14.75	TCX
alpha-Chlordane	15.41	TCX
DDE	16.48	TCX
Endosulfan II	18.84	TCX
Endosulfan sulfate	20.62	TCX

000120

Data File = E:\PJ05-11.PTS Printed on 11-08-1994 at 16:21:22
Start time: 0.00 min. Stop time: 30.00 min. Offset:
Range: 300 K-Counts

0 cts



***** EXTERNAL STANDARD TABLE *****

***** 11-07-1994 17:11:16 Version 5.2.0 *****
 * Sample Name: WSG9-01/ MIX A 1X Data File: E:\QJ05-11 *
 * Date: 10-05-1994 23:28:35 Method: DLP17 10-14-1994 08:51:55 Version: 3 *
 * Interface: 12 Cycle#: 11 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC43 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET. TIME	CONC/AREA
1	3.589	TCX	3.2692	3.0465%	87233	17616	5.0 1	0	.5493	3.0465E-03
4	4.175	alpha-BHC	3.1713	2.9899%	95268	13487	4.1 1	0	.9064	3.1713E-03
5	5.077	gamma-BHC	5.4709	3.1631%	94205	28540	4.0 1	0	.6582	3.1631E-03
6	5.561	heptachlor	6.1201	3.5395%	75166	18492	3.8 1	0	.3011	3.1411E-03
7	6.956	Endosulfan I	6.3388	3.7805%	75696	21633	3.7 1	0	.3736	3.2047E-03
8	10.120	Dieldrin	12.9973	7.5148%	154235	45182	3.4 1	0	.1652	3.4269E-03
9	10.736	Endrin	14.0777	8.1392%	119189	35578	3.3 1	0	.1557	1.1911E-04
10	12.408	DDD	12.7503	7.3718%	105551	31147	3.3 1	0	.6742	1.1746E-04
11	12.943	DDT	14.3133	8.2768%	95521	23876	3.3 1	0	.1292	1.4994E-04
12	13.744	Endrin aldehyde	0.6617	0.4982%	7303	1641	4.4 1	0	.1216	1.1609E-04
13	15.247	Methoxychlor	74.1629	42.8902%	201357	57795	3.5 1	0	.1096	3.6745E-04
14	15.999	Endrin Ketone	1.7846	1.0319%	19147	5492	3.5 1	0	.1044	3.3219E-05
15	19.439	DDD	13.4162	7.7568%	157750	40935	3.9 1	0	.3959	3.5047E-05

TOTAL AMOUNT = 172.9602

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
Aldrin	6.20	TCX
beta-BHC	7.16	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
DDD	9.62	TCX
Endosulfan II	12.29	TCX
Endosulfan sulfate	14.63	TCX

000122

*** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:23:20 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX B 1x Data File: E:\NPJ05-12 *
 * Date: 10-06-1994 00:02:10 Method: F:\NCLP17 11-08-1994 15:11:31 Version: 3

* Interface: 12 Cycle#: 12 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	DELTA RET TIME	CONC/AREA
3	5.695	TCX	6.8631	5.2612%	80774	17239	4.7 1	0	.2941	8.4966E-05
4	9.803	beta-BHC	7.0335	5.3918%	49466	12717	3.9 1	0	-.1706	1.4219E-04
5	11.189	delta-BHC	5.8848	4.5113%	93397	25124	3.7 1	0	.1494	6.3004E-05
6	11.941	Aldrin	6.2296	4.7756%	91490	21120	4.3 1	0	.1400	6.8091E-05
7	14.145	Heptachlor epoxide	7.0138	5.3767%	86084	21289	4.0 1	0	.1181	8.1476E-05
8	14.779	gamma-Chlordane	6.6193	5.0743%	89391	21935	4.1 1	0	.1972	7.4049E-05
9	15.414	alpha-Chlordane	6.6639	5.1085%	92437	21914	4.2 1	0	0	7.2091E-05
10	16.500	DDD	12.8257	9.8321%	144375	39013	3.7 1	0	.1013	8.8836E-05
11	18.854	Endosulfan II	14.2514	10.9251%	132692	32226	4.1 1	0	0	1.0740E-04
12	20.157	Endrin aldehyde	14.2101	10.8934%	86546	21107	4.1 1	0	0	1.5419E-04
13	20.641	Endosulfan sulfate	12.9813	9.9514%	110383	27927	4.0 1	0	0	1.1768E-04
14	23.597	Endrin ketone	13.7799	10.5636%	119110	29203	4.1 1	0	0	1.1569E-04
15	27.939	DCB	16.0906	12.3350%	132336	28040	4.7 1	0	0	1.2159E-04

TOTAL AMOUNT = 130.4468

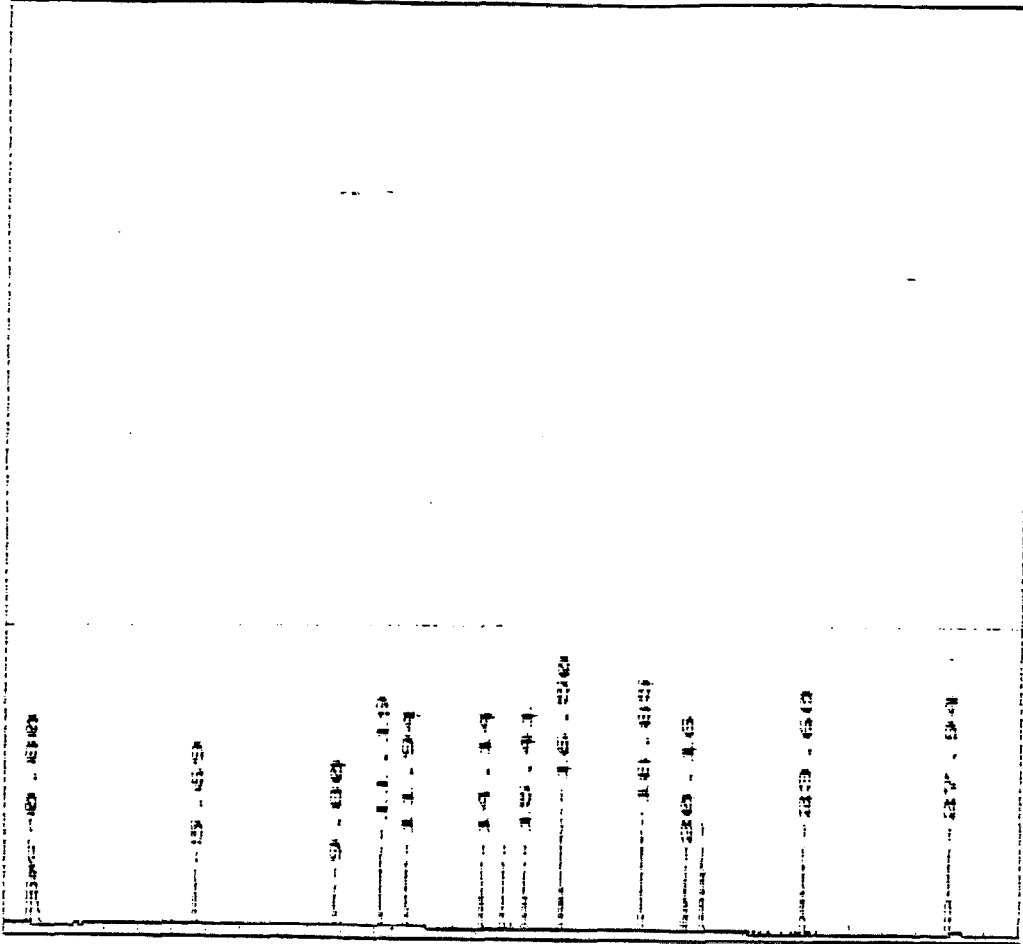
PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
heptachlor	10.67	TCX
Endosulfan I	15.50	TCX
Dieldrin	16.68	TCX
Endrin	18.08	TCX
DDD	18.67	TCX
DDT	19.84	TCX
Methoxychlor	23.28	TCX

000124

Data File = E:\PJ05-12.PTS Printed on 11-08-1994 at 16:23:36
Start time: 0.00 min. Stop time: 30.00 min. Offset:
Full Range: 300 K-Counts

0 cts



000125

*** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 16:24:27 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX B 1x Data File: E:\NQT05-12 *
 * Date: 10-06-1994 00:02:10 Method: F:\DL17 11-07-1994 17:17:49 Version: 4

* Interface: 12 Cycle#: 12 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	2.589	TCX	5.8959	4.5402%	97608	20525	4.8 1	0	-5.111	5.0403E-05
4	6.212	Aldrin	6.0274	4.6415%	108531	28757	3.8 1	0	.2695	5.5536E-05
5	1.198	beta-BHC	5.3528	4.8998%	59989	15911	3.5 1	0	.2325	1.0507E-04
6	7.782	delta-BHC	5.3737	4.1381%	101777	29004	3.5 1	0	.4310	5.2799E-05
7	8.216	Heptachlor epoxide	6.5808	5.0577%	105117	29553	3.7 1	0	.2036	5.2505E-05
8	9.218	gamma-Chlordane	6.5895	5.0744%	107234	30650	3.5 2	0	.1814	5.1450E-05
9	9.459	alpha-Chlorodane	5.6893	5.1512%	108785	31086	3.5 2	0	.1766	5.1491E-05
10	9.836	ODE	12.4195	9.5639%	175265	50400	3.5 1	0	.1700	7.0961E-05
11	12.375	DDD	14.4223	14.9565%	155356	47795	3.5 1	0	.4032	1.1746E-04
12	13.744	Endrin aldehyde	11.5427	8.8887%	97820	18931	5.2 1	0	.1216	1.1800E-04
13	14.846	Endosulfan sulfate	13.3009	10.2426%	153578	42536	3.5 1	0	.1125	8.5507E-05
14	15.999	Endrin Ketone	13.6669	10.5244%	146611	41985	3.5 1	0	.1044	9.3219E-05
15	19.439	OCB	15.9870	12.3111%	187979	47937	3.9 1	0	.0859	8.5047E-05

TOTAL AMOUNT = 129.8586

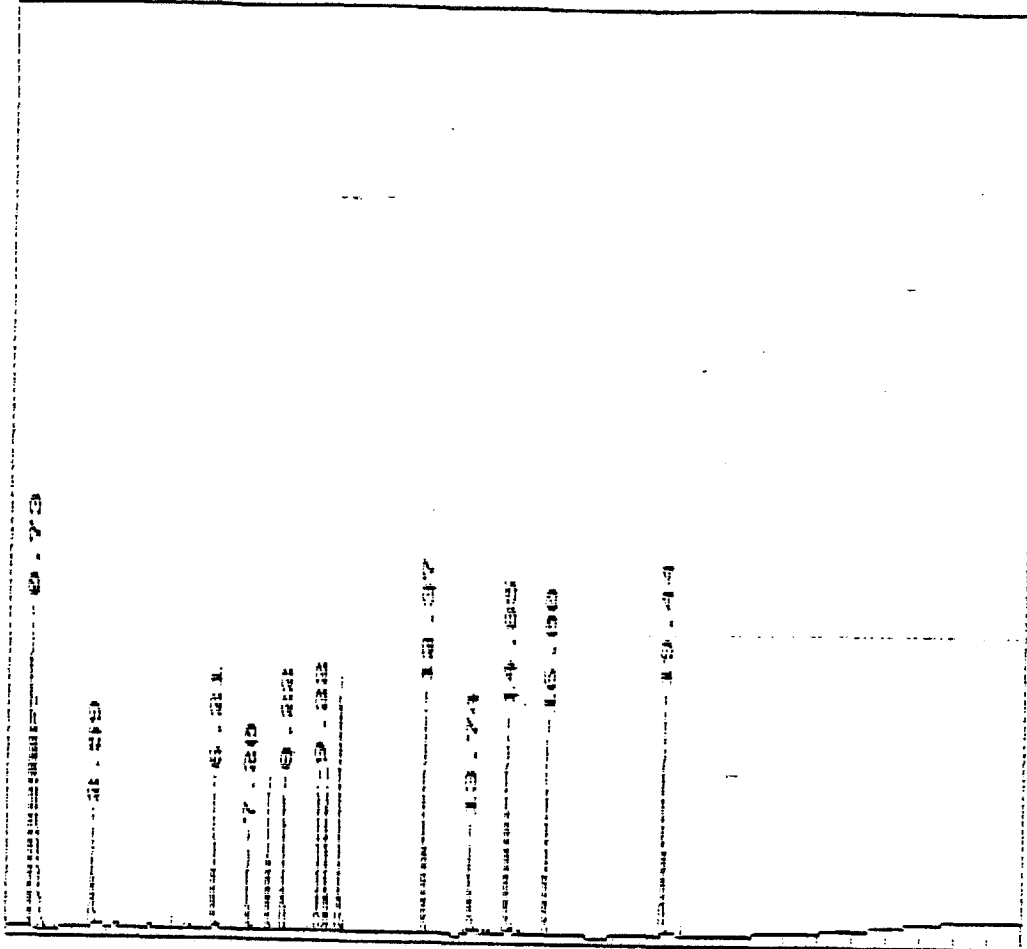
PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Endosulfan I	8.93	TCX
Dieldrin	10.10	TCX
Endrin	10.72	TCX
Endosulfan II	12.28	TCX
ODT	12.93	TCX
Methoxychlor	15.23	TCX

000126

Data File = E:\QJ05-12.PTS Printed on 11-08-1994 at 16:24:43
Start time: 0.00 min. Stop time: 30.00 min. Offset:
Full Range: 200 K-Counts

0 cts



000127

Output redirected to LPT1:

INST BL Processed: 10-13-1994 16:04:51 Segment 1 Cycle 1
DATA SAVED IN FILE E:\NP113-1.PTS Second Channel Stored in E:\NP113-1.PTS

***** EXTENDED STANDARD TABLE *****

***** 10-13-1994 16:06:11 Version 5.2.0 *****
* Sample Name: INST BL Data File: E:\NP113-1 *
* Date: 10-13-1994 15:34:48 Method: CLP17 10-12-1994 12:28:01 Version: 2X *
* Interface: 12 Cycles: 1 Operator: SU Channel: e Vial#: N/A *
* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 DB608 *
* Solvent Description: H₂ *
* Conditions: 1700/min 2700/min 840/min 240/min 100/min *
* Detector 0: FID Detector 1: FID *
* Misc. Information: LPT1: *

Starting Delay: 0.00 Ending Retention Time: 30.00
Area Reject: 0 Line Sample per: 1.002 sec
Amount Injected: 1.00 Dilution Factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.711	TCX	18.0685	48.9440%	212654	41291	5.2 1	0	.5882	8.4966E-05
3	27.906	DCB	19.8481	51.0560%	155015	33109	4.7 1	0	-.0598	1.2159E-04

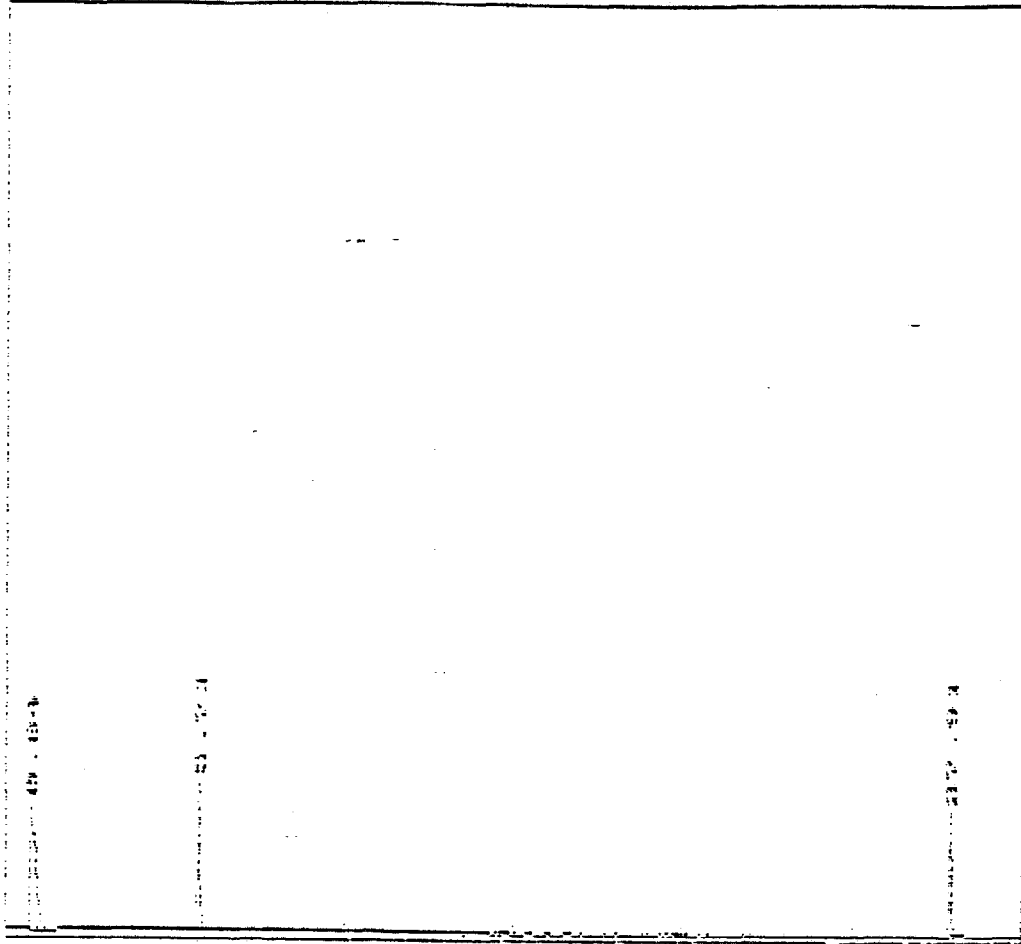
TOTAL AMOUNT = 36.9166

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
beta-BHC	9.79	TCX
delta-BHC	10.67	TCX
alpha-Chlordane	11.17	TCX
gamma-Chlordane	11.92	TCX
beta-Chlordane	14.13	TCX
alpha-Chlordane	15.23	TCX
alpha-Chlordane	15.41	TCX
Endosulfan I	15.50	TCX
DDE	16.48	TCX
beta-Chlordane	16.68	TCX
Endrin	18.08	TCX
DND	18.67	TCX
Endosulfan II	18.84	TCX
DDE	19.84	TCX
Endrin aldehyde	20.16	TCX
Endosulfan sulfate	20.62	TCX
Methoxychlor	23.28	TCX
Endrin Ketone	23.58	TCX

000128

Areas, times, and heights stored in: E:\NP113-1.AIR
Data File = E:\NP113-1.PTS Printed on 10-13-1994 at 16:06:29
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0.075
Full Range: 300 K-COUNTS



000129

***** EXTERNAL STANDARD TABLE *****

***** 10-13-1994 16:05:53 Version 5.2.0 *****
 * Sample Name: INST RL Data File: F:\Q113-1 *
 * Date: 10-13-1994 15:34:48 Method: DLPI7 10-06-1994 13:47:21 Version: 1 *
 * Interface: 12 Cycles: 1 Operator: SC Channel: 8 Vials: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC# Column Type: DB1701 DB608 *
 * Solvent Description: H *
 * Conditions: 17007/min 27007/min 3407/min 29007/min 31007/min *
 * Detector 01: FID Detector 1: FID *
 * Misc. Information: *

 Starting Delay: 0.00 Ending Retention Time: 30.00
 Area Reject: 0 One Sample per 1.002 sec.
 Amount Injected: 1.00 Dilution Factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT RL	REF PEAK	% DELTA	RET TIME	CONVERSION
2	2.589	TCX	16.2645	43.1015%	263244	44101	5.8 1	0	-	2.589	1.0000E-05
3	19.372	DCB	21.4707	56.8985%	252458	63307	4.0 1	0	-	19.372	1.5047E-05

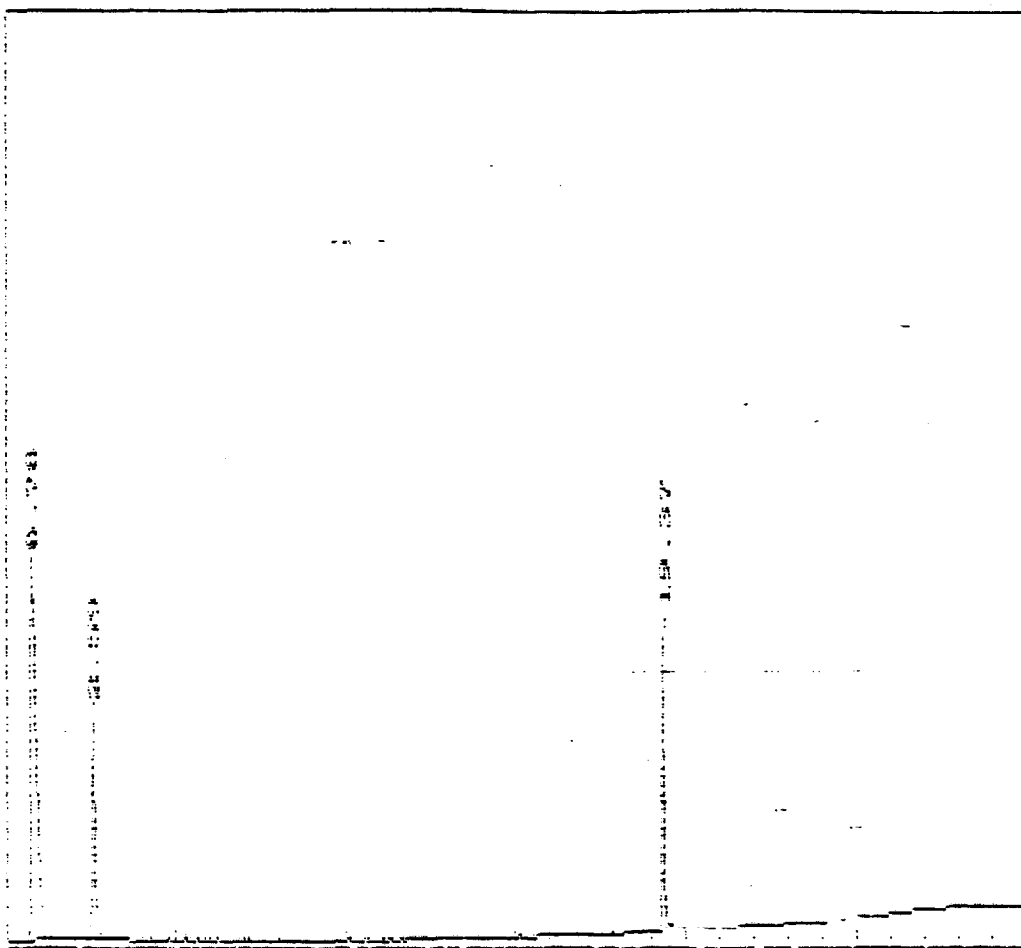
TOTAL AMOUNT = 37.7352

***** PEAKS NOT FOUND IN THIS RUN *****

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
heptachlor	5.54	TCX
aldrin	6.20	TCX
beta-BHC	7.18	TCX
delta-BHC	7.75	TCX
heptachlor epoxide	8.20	TCX
Endosulfan I	8.93	TCX
gamma-Chlordane	9.20	TCX
alpha-Chlorodane	9.45	TCX
DDT	9.82	TCX
Dieldrin	10.10	TCX
Endrin	10.72	TCX
Endosulfan II	12.36	TCX
DDD	12.41	TCX
DDI	12.93	TCX
Endrin aldehyde	13.73	TCX
Endosulfan sulfate	14.83	TCX
Methoxychlor	15.23	TCX
Endrin ketone	15.98	TCX

000130

areas, times, and heights stored in: F:\N0113-1.PTS
Data File = F:\N0113-1.PTS Printed on 10-13-1994 at 15:07:10
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0.00
Full Range: 200 K-Counts



000131

***** EXTERNAL STANDARD TABLE *****

***** 11-14-1994 12:33:09 Version 5.2.0 *****

* Sample Name: WS39-01/ MIX A 4X Data File: B:\PJ13-2 *
 * Date: 10-13-1994 16:08:27 Method: CLP17 11-08-1994 15:11:31 Version: 3 *
 * Interface: 12 Cycle#: 2 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB606 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @40/min 290C/4min @100/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per: 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.711	TCX	18.0436	3.0316%	212362	42162	5.0 1	0	.5882	8.4700E-05
4	8.066	alpha-BHC	19.4652	3.2705%	291702	69412	4.2 1	0	.2074	6.6730E-05
5	9.502	gamma-BHC	20.3342	3.4165%	278188	70434	3.9 1	0	.3527	7.3095E-05
6	10.688	Heptachlor	19.7144	3.3123%	210325	49273	4.3 1	0	.1564	9.3733E-05
8	15.180	gamma-Chlordane	1.0212	0.1716%	15791	2126	6.5 1	0	2.914	7.4049E-05
9	15.481	Endosulfan I	24.9613	4.1937%	236618	51904	4.6 1	0	-1.077	1.0540E-04
10	16.683	Dieldrin	45.8144	7.6976%	413493	101321	4.1 1	0	0	1.1080E-04
11	18.103	Endrin	49.7206	8.3539%	305825	75816	4.0 1	0	.1260	1.6258E-04
12	18.664	DDD	49.1607	9.2598%	325561	65461	3.8 1	0	0	1.5100E-04
	19.806	DDT	48.7256	8.1867%	291037	54669	4.5 2	0	-1.563	1.5742E-04
14	20.140	Endrin aldehyde	3.9176	0.6582%	23960	5541	4.3 2	0	0	1.6419E-04
15	20.508	Endosulfan sulfate	0.6691	0.1124%	5689	1152	4.9 1	0	-1.566	1.1760E-04
16	23.353	Mecloxychlor	246.8435	41.4737%	500194	117508	4.3 2	0	0	4.9950E-04
19	23.564	Endrin Ketone	3.6527	1.4533%	74792	17103	4.4 2	0	0	1.1567E-04
21	27.669	DDZ	58.1362	6.4075%	313649	66961	4.7 1	0	-1.196	1.2139E-04

TOTAL AMOUNT = 595.1804

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
beta-BHC	9.79	TCX
delta-BHC	11.17	TCX
Aldrin	11.92	TCX
Heptachlor epoxide	14.13	TCX
alpha-Chlordane	15.41	TCX
DDD	16.48	TCX
Endosulfan II	18.84	TCX

***** EXTERNAL STANDARD TABLE *****

***** 11-14-1994 12:34:48 Version 5.2.0 *****
 * Sample Name: WS39-01/ MIX A 4X Data File: 3:NQJ13-2 *
 * Date: 10-13-1994 16:08:27 Method: DLP17 11-09-1994 17:25:07 version: 5 *
 * Interface: 12 Cycle#: 2 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.005	ISA	16.9740	2.3969%	281011	49572	5.7 1	0	1.000	6.0000E-05
3	4.138	alpha-BHC	18.8329	3.2142%	350591	79036	4.4 1	0	1.4032	5.15718E-05
4	5.500	gamma-BHC	19.8794	3.3928%	342308	81955	4.2 1	0	1.3311	5.3075E-05
5	6.528	heptachlor	19.1065	3.2609%	274662	59297	4.0 1	0	-1.0012	9.1422E-05
6	8.901	Endosulfan I	23.3772	3.9898%	284927	73130	3.9 1	0	-1.3755	8.2047E-05
7	10.533	Dieldrin	44.4432	7.5851%	527396	152553	3.5 1	0	-1.4958	8.4289E-05
8	10.671	Endrin	48.2339	8.2320%	464948	121492	3.8 1	0	-1.4671	1.1511E-04
10	12.341	DDD	49.3623	8.4246%	420257	122163	3.4 1	0	1.0165	1.1746E-04
11	12.576	DDT	46.5264	7.9406%	310376	86124	3.6 1	0	-1.3875	1.4990E-04
12	13.001	Endrin aldehyde	2.9229	0.4968%	24770	5170	4.8 1	0	-1.4666	1.1300E-04
13	15.180	Hexoxychlor	247.8964	42.3081%	674577	170438	4.0 1	0	-1.3289	3.6748E-04
15	15.915	Endrin ketone	8.4165	1.4354%	90287	25068	3.6 2	0	-1.4179	9.3219E-05
17	19.355	DDC	39.9594	6.8198%	469852	120268	3.9 1	0	-1.3439	8.5047E-05

TOTAL AMOUNT = 585.9311

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
Aldrin	6.20	TCX
beta-BHC	7.18	TCX
delta-BHC	7.75	TCX
heptachlor epoxide	8.20	TCX
gamma-Chlorodane	9.20	TCX
alpha-Chlorodane	9.45	TCX
DDD	9.82	TCX
Endosulfan II	12.30	TCX
Endosulfan sulfate	14.83	TCX

***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 15:45:31 Version 5.2.0 *****
 * Sample Name: W539-01/ MIX B 4X Data File: E:\NPJ13-3 *
 * Date: 10-18-1994 15:42:07 Method: CLP17 11-08-1994 15:11:31 Version: 3 *
 * Interface: 12 Cycle#: 3 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#2 Column Type: DB1701 Deeps *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.711	TOX	18.1841	4.8017%	214016	41149	5.2 1	0	1.5882	8.4956E-05
3	9.803	Beta-BHC	22.9795	5.0690%	161610	32949	4.9 1	0	1.1706	1.4219E-04
4	11.172	delta-BHC	19.0241	5.0743%	305101	77393	3.9 1	0	0	6.3009E-05
5	11.924	Aldrin	19.0953	5.0426%	280454	60510	4.6 1	0	0	6.3091E-05
7	11.128	Heptachlor epoxide	20.0707	5.0791%	250020	57183	4.4 1	0	0	8.1476E-05
8	14.763	gamma-Chlordane	19.5303	5.1572%	263750	51120	4.3 1	0	0	7.4049E-05
9	16.397	alpha-Chlordane	18.9847	5.0052%	262916	51464	4.3 1	0	-1.0880	7.2091E-05
11	15.466	DDE	39.9414	10.5470%	449609	105457	4.2 1	0	-1.0112	9.9936E-05
12	18.921	Endosulfan II	41.2658	10.9020%	384403	98165	4.4 1	0	0	1.0740E-04
13	20.123	Endrin aldehyde	39.1571	10.3399%	236486	51537	4.6 1	0	-1.1657	1.6619E-04
14	20.508	Endosulfan sulfate	41.2630	10.8933%	350786	76810	4.6 1	0	0	1.1760E-04
17	23.564	Endrin ketone	41.0400	10.8371%	354740	78534	4.5 1	0	0	1.1669E-04
18	27.389	DDD	37.6833	9.9504%	309316	51221	6.0 1	0	-1.1196	1.1159E-04

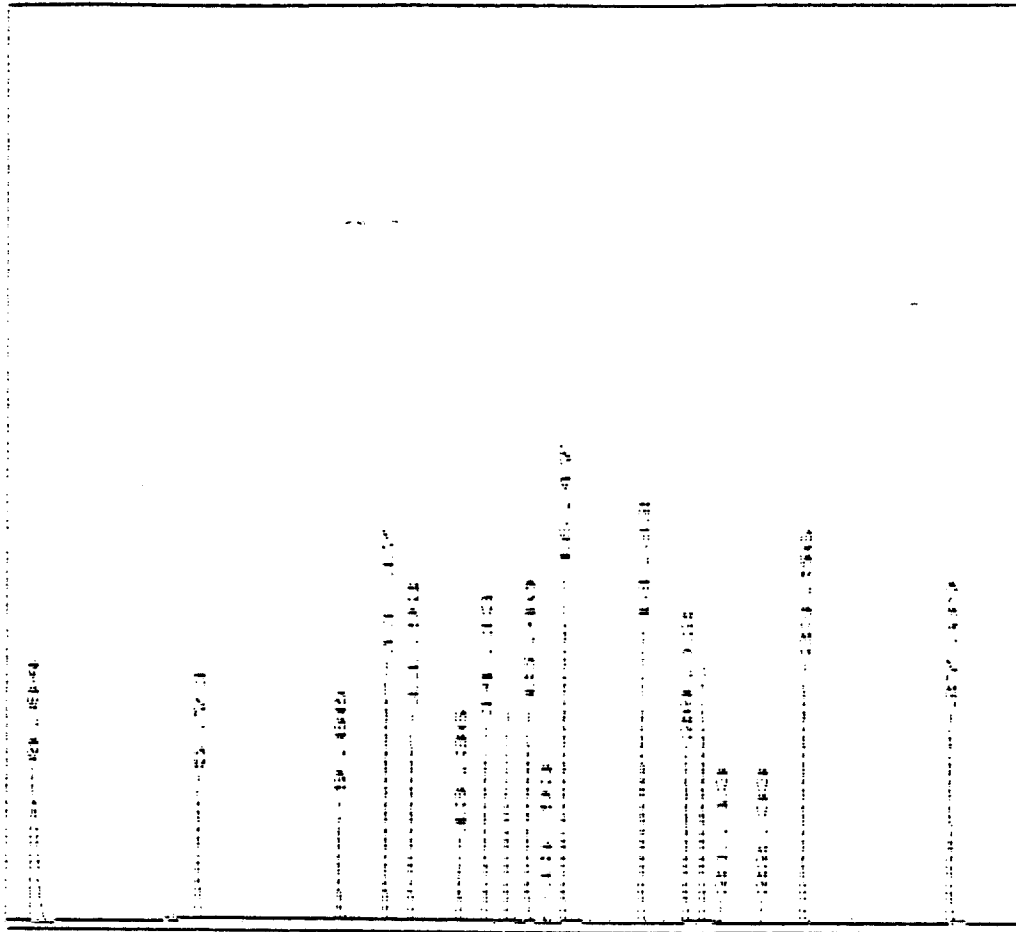
TOTAL AMOUNT = 378.6993

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	9.05	TOX
gamma-BHC	9.47	TOX
Heptachlor	10.67	TOX
Endosulfan I	15.50	TOX
Dieldrin	16.68	TOX
Endrin	18.08	TOX
DDD	18.67	TOX
DDT	19.84	TOX
Methoxychlor	23.29	TOX

000136

Areas, times, and heights stored in: E:\NPI13-3.AIB
Data File = E:\NPI13-3.PTS Printed on 10-13-1994 at 17:13:35
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0.075
FU Range: 300 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 10-13-1994 13:42:00 Method: DM17 10-13-1994 13:42:00 Method: *****
 * Sample Name: W574-017 MIX B 4X Data File: F:\ND11318
 * Date: 10-13-1994 13:42:00 Method: DM17 10-13-1994 13:42:00 Method: *****
 * Interface: 12 Cycles: 3 Operator: SC Channel: 5 Vials: 210 *****
 * Start Time: 13:42:00 Inj Volume: 15 Inj Temp: 15 Inj Pressure: 3000 *****

* Instrument Type: GC/MS Column Type: DB1701 DB50X *****
 * Solvent Description: HF *****
 * Conditions: 170/1min 270/17min 340/1min 240/17min 340/1min *****
 * Detector 0: FID Detector 1: FID *****
 * Misc. Information: *****

Starting Delay: 0.00 Ending Retention Time: 30.00
 Area Reject: 0 One Sample Day 1.002 Sec.
 Amount Injected: 1.00 Dilution Factor: 1.00
 Sample Weight: 1.00000

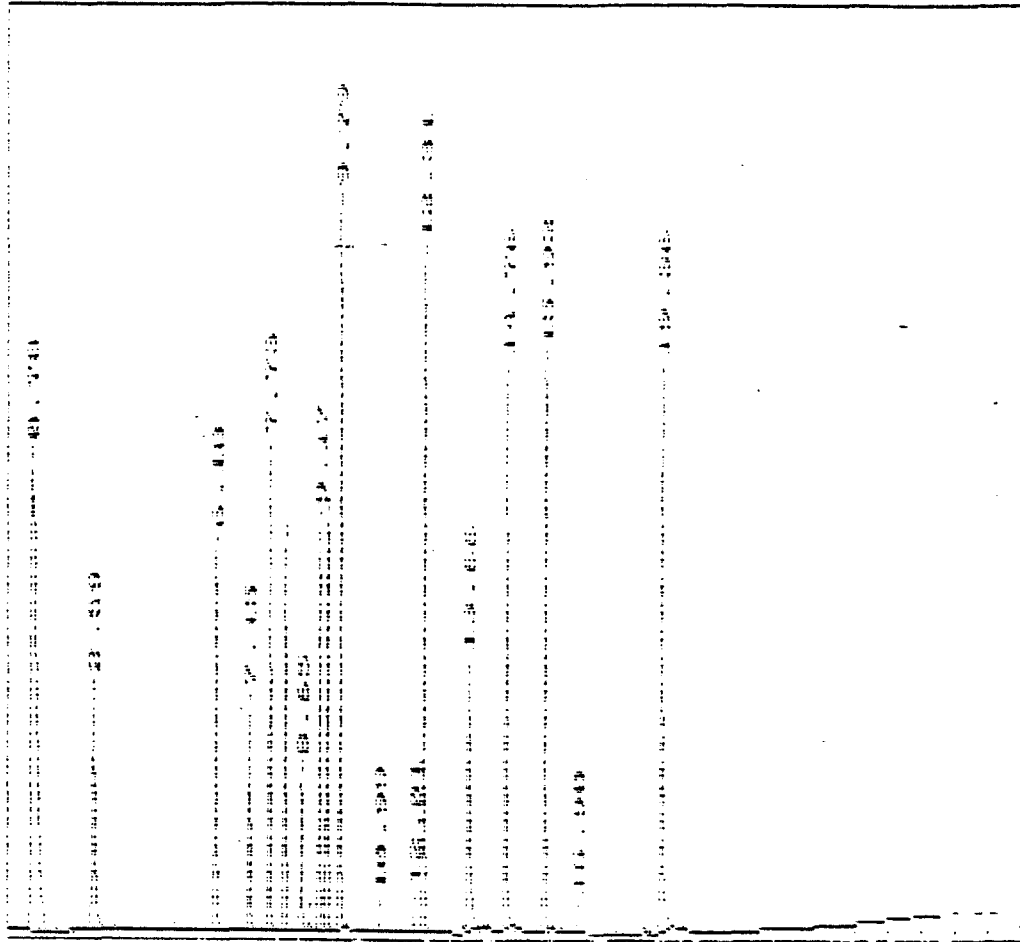
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPM	NORMALIZED CONC	AREA	HEIGHT	HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.589	TCX	15.1369	4.9297%	300254	49800	6.0 1	0	-.6493	6.0403E-05
3	6.179	Aldrin	17.9321	4.8740%	322888	81010	4.0 1	0	-.2695	5.5536E-05
4	7.148	Beta-BHC	18.8541	5.1274%	177852	44585	3.8 1	0	-.4651	1.0607E-04
5	7.732	Delta-BHC	17.7244	4.8176%	335648	101014	3.3 1	0	-.2155	5.2799E-05
6	8.166	Methachlor axoxida	18.9318	5.1458%	302402	82494	3.7 1	0	-.4073	4.2606E-05
8	9.01	Endosulfan I	9.8746	10.2391%	10721	2545	4.2 2	0	-.3748	8.2047E-05
9	9.166	gamma-Chlorodane	19.4603	5.2894%	316687	85348	3.7 2	0	-.3629	6.1450E-05
10	9.407	alpha-Chlorodane	19.3210	5.2815%	314207	88166	3.6 2	0	-.5400	6.1441E-05
11	9.766	DDT	37.6377	10.2301%	531145	153994	3.4 1	0	-.3401	7.0841E-05
12	10.489	Endrin	1.0245	9.2793%	8477	2774	3.8 1	0	-.2492	1.1911E-04
14	12.008	Endosulfan II	40.1705	10.9184%	488826	142590	3.4 1	0	-.4054	8.7178E-05
15	13.561	Endrin aldehyde	35.4151	9.6260%	300130	84157	5.5 1	0	-.4866	1.1800E-04
16	14.763	Endosulfan sulfate	38.1794	10.3774%	440837	117454	3.8 1	0	-.4084	8.4407E-05
17	15.415	Endrin ketone	41.5346	11.2907%	445615	120103	3.7 1	0	-.4179	4.3219E-05
19	19.355	DDX	47.5900	11.5034%	501958	118057	4.3 1	0	-.3439	8.5047E-05

TOTAL AMOUNT = 367.9101

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
Beta-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Methachlor	5.54	TCX
Dieldrin	10.10	TCX
DDD	12.41	TCX
DDT	12.93	TCX
Methoxychlor	15.23	TCX

Areas, times, and heights stored in: F:\NOI13-3.012
Data File # F:\NOI13-3.P15 Printed on 10-13-1994 at 17:16:08
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0.000
Full Range: 200 K-Counts



***** EXTERNAL STANDARD TABLE *****

```

***** 10-14-1994 07:22:30 Version 5.2.0 *****
* Sample Name: WS39-01/ MIX A 4x Data File: E:\NPJ13-21 *
* Date: 10-14-1994 03:47:31 Method: CLP17 10-12-1994 12:28:01 Version: 2 *
* Interface: 12 Cycle#: 21 Operator: SC Channel: A Vial#: N.A. *
* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *
*****
* Instrument Type: GC#3 Column Type: DB1701 DB608 *
* Solvent Description: He *
* Conditions: 1200/1min 2700/7min @40/min 2900/5min @100/min *
* Detector 0: ECD Detector 1: ECD *
* Misc. Information: LPT1: *
*****
Starting Delay: 0.00 Ending retention time: 30.00
Area reject: 0 One sample per 1.002 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample weight: 1.00000
    
```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	5.695	TCX	19.2424	3.3969%	226471	44212	5.1 1	0	.2941	8.4956E-05
3	9.049	alpha-BHC	20.9291	3.6947%	313639	75050	4.2 1	0	0	6.6730E-05
4	9.486	gamma-BHC	21.8399	3.8554%	298786	73722	4.1 1	0	.1763	7.3095E-05
5	10.671	Heptachlor	21.1385	3.7316%	225518	52244	4.3 1	0	0	9.3733E-05
6	15.164	gamma-Chlordane	0.3054	0.0539%	4124	1109	3.7 1	0	-.4385	7.4049E-05
7	15.464	Endosulfan I	24.2420	4.2795%	229993	56376	4.1 1	0	-.2155	1.0540E-04
8	16.667	Dieldrin	43.5601	7.6898%	393147	92208	4.3 1	0	-.1001	1.1080E-04
9	18.086	Endrin	47.1087	8.3162%	239760	75685	3.8 1	0	0	1.6258E-04
10	19.654	DDD	44.0076	8.1219%	304680	83617	3.6 1	0	0	1.5100E-04
11	19.806	DDT	43.0442	7.5987%	257102	69260	3.7 2	0	-.1683	1.5742E-04
12	20.123	Endrin aldehyde	4.1033	0.7244%	24991	5994	4.2 2	0	-.1657	1.6419E-04
14	23.246	Methoxychlor	225.4007	39.7906%	456743	117797	3.9 2	0	-.1434	4.9350E-04
15	23.564	Endrin Ketone	8.6356	1.5245%	74644	17325	4.3 2	0	0	1.1564E-04
17	27.872	DCB	40.9102	7.2220%	336464	66959	5.0 1	0	-.1794	1.2154E-04

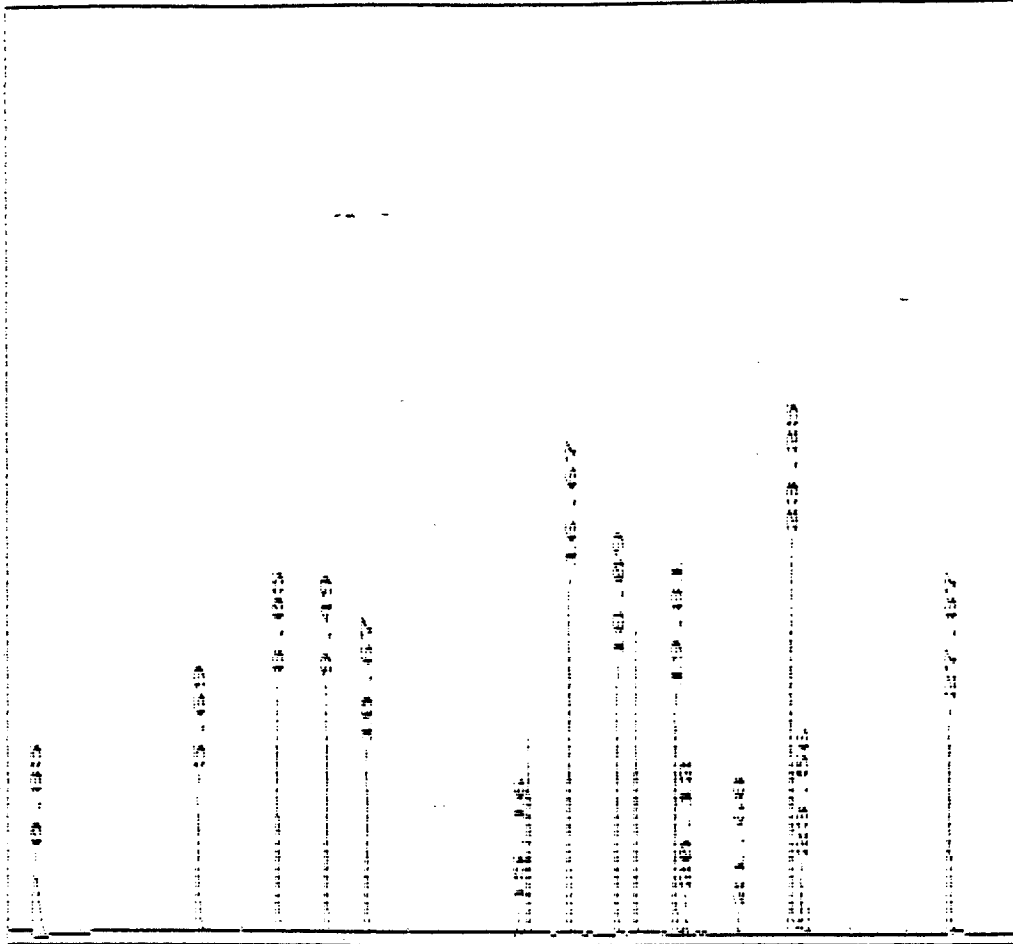
TOTAL AMOUNT = 566.4677

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
beta-BHC	9.79	TCX
delta-BHC	11.17	TCX
aldrin	11.92	TCX
Heptachlor epoxide	14.13	TCX
alpha-Chlordane	15.41	TCX
DDE	16.48	TCX
Endosulfan II	18.84	TCX
Endosulfan sulfate	20.62	TCX

000140

Data File = E:\PJ13-21.PTS Printed on 10-14-1994 at 07:22:33
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
FL Range: 300 K-Counts



000141

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 07:26:30 Version 5.2.0 *****
 * Sample Name: WS39-017 MLX A 4x Data File: E:\N0113-21 *
 * Date: 10-14-1994 03:47:31 Method: DLP17 10-14-1994 03:51:55 Version: 1 *
 * Interface: 12 Cycle#: 21 Operator: SC Channel: 6 Vials: N/A *
 * Starting Peak Width: 15 Threshold: 15 Area threshold: 3000 *

 * Instrument Type: GC#3 -- Column Type: DB1701 DB50R *
 * Solvent Description: HE *
 * Conditions: 1700/min 2700/min 240/min 2700/min @100/min *
 * Detector 0: FID Detector 1: ECD *
 * Misc. Information: LPI1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.589	TCX	19.3117	3.2728%	303157	52276	5.8 1	0	6493	6.0403E-05
3	4.158	alpha-BHC	20.3974	3.6456%	379717	83827	4.5 1	0	4032	5.3718E-05
4	5.043	gamma-BHC	21.5033	3.8432%	370270	87433	4.2 1	0	0	5.8075E-05
5	5.528	Heptachlor	20.7495	3.7085%	254841	62102	4.1 1	0	-3012	8.1421E-05
6	7.901	Endosulfan I	23.6949	4.2344%	288798	80354	3.6 1	0	-3738	8.2047E-05
7	8.053	Dieldrin	44.2500	7.9105%	525224	153441	3.4 1	0	-4958	8.4254E-05
8	10.671	Endrin	46.5663	8.3227%	390947	118605	3.3 1	0	-4672	1.1911E-04
9	12.341	DDD	42.7991	7.6494%	364380	119164	3.1 1	0	-1322	1.1746E-04
10	12.859	DDT	42.9466	7.6757%	286495	94187	3.0 1	0	-5157	1.4990E-04
11	13.661	Endrin aldehyde	3.1964	0.5713%	27089	5718	4.7 1	0	-4856	1.1800E-04
12	15.164	Methoxychlor	222.3426	39.7387%	605040	185817	3.3 2	0	-4388	3.6748E-04
14	15.915	Endrin ketone	8.8656	1.5845%	95105	25844	3.7 1	0	-4174	4.3214E-05
15	19.339	DDC	43.8788	7.8423%	515937	121455	4.2 1	0	-4299	8.5047E-05

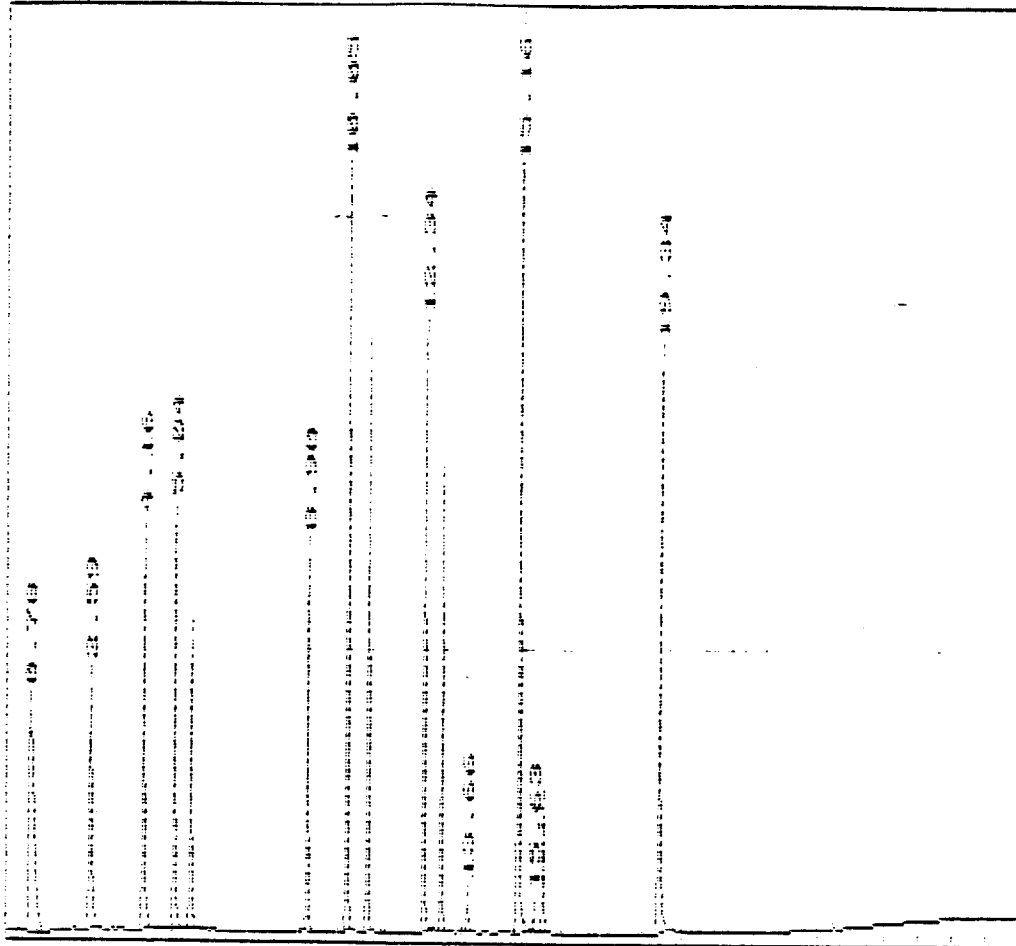
TOTAL AMOUNT = 559.3123

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
Aldrin	6.20	TCX
beta-BHC	7.18	TCX
delta-BHC	7.75	TCX
Heptachlor epoxide	8.20	TCX
gamma-Chlorodane	9.20	TCX
alpha-Chlorodane	9.45	TCX
ODE	9.82	TCX
Endosulfan II	12.28	TCX
Endosulfan sulfata	14.83	TCX

000142

Data File = E:\QJ13-21.PTS Printed on 10-14-1994 at 07:27:15
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Fl Range: 200 K-Counts



000143

***** EXTERNAL STANDARD TABLE *****

***** 11-08-1994 15:11:37 Version 5.2.0 *****
 * Sample Name: WS09-01/ MIX B 4X Data File: E:\PJ13-22 *
 Date: 10-14-1994 04:21:05 Method: CLP17 11-08-1994 15:11:31 Version: 3 *
 * Interface: 12 Cycle#: 22 Operator: SC Channel: A Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: 061701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
2	6.595	TCX	19.2174	5.0099%	225179	43872	5.12 1	0	.2941	8.4966E-05
3	9.736	Beta-BHC	20.2290	5.2736%	142259	36414	3.9 1	0	0	1.4219E-04
4	11.172	delta-BHC	19.1173	4.9832%	303407	62004	3.7 1	0	0	6.3009E-05
5	11.907	Aldrin	18.5450	4.8346%	272057	64367	4.2 1	0	-.1400	6.8091E-05
7	11	Heptachlor epoxide	20.2970	5.2913%	249116	59169	4.2 1	0	-.1182	8.1476E-05
8	14.746	gamma-Chlordane	19.9392	5.1990%	259271	65373	4.1 1	0	0	7.4049E-05
9	15.391	alpha-Chlordane	19.7137	5.1393%	270455	62720	4.4 1	0	-.2156	7.2891E-05
11	15.455	DDT	39.8077	10.3776%	448100	119038	3.9 1	0	-.1010	8.3806E-05
12	18.321	Endosulfan II	43.3901	11.3116%	403996	96955	4.2 1	0	0	1.0740E-04
13	20.123	Endrin aldehyde	40.4754	10.5517%	246515	59927	4.1 1	0	-.1957	1.5419E-04
14	20.608	Endosulfan sulfate	40.5760	10.5785%	345047	83509	4.1 1	0	0	1.1760E-04
15	23.564	Endrin Ketone	41.4355	10.9020%	359158	84929	4.2 1	0	0	1.1569E-04
17	27.372	OCB	40.8456	10.6482%	335932	67400	5.0 1	0	-.1794	1.2159E-04

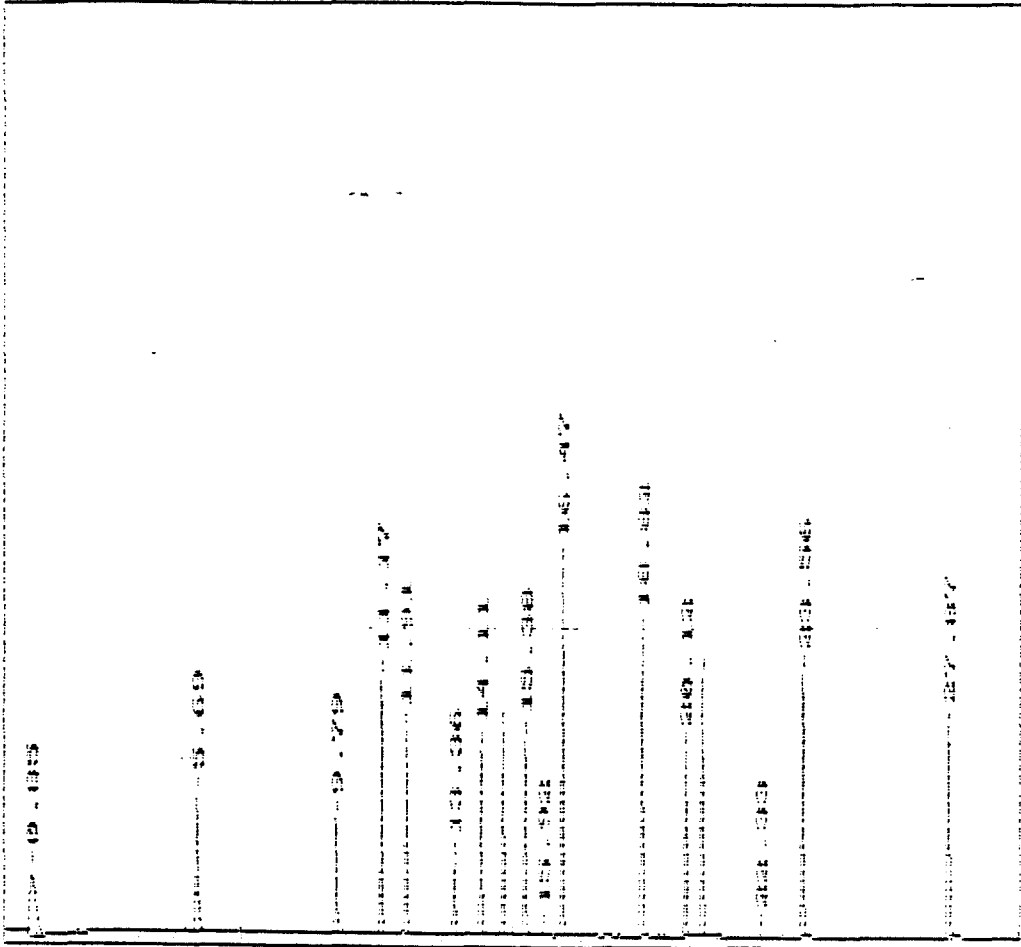
TOTAL AMOUNT = 393.5911

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-BHC	9.47	TCX
Heptachlor	10.67	TCX
Endosulfan I	15.50	TCX
Dieldrin	16.68	TCX
Endrin	18.08	TCX
DDD	18.67	TCX
DDT	19.84	TCX
Methoxychlor	23.28	TCX

000144

Areas, times, and heights stored in: E:\PJ13-22.ATB
Data File = E:\PJ13-22.PTS Printed on 10-14-1994 at 07:36:59
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 300 K-Counts



000145

***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 07:37:25 Version 5.2.0 *****
 * Sample Name: W534-017 MIX B 4x Data File: E:\NOJ13-22 *
 * Date: 10-14-1994 04:21:05 Method: DLP17 10-14-1994 03:51:55 Version: 0 *
 * Interface: 12 Cycles: 22 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT 8L	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.589	TCX	19.7365	4.8272%	310190	52121	6.0 1	0	.6493	6.0403E-05
3	5.162	Aldrin	19.6805	4.8128%	336365	83929	4.0 1	0	-.5340	5.5536E-05
4	7.148	beta-BHC	19.8693	5.1191%	187329	51861	3.6 1	0	-.4651	1.0607E-04
5	7.715	delta-BHC	18.9732	4.8882%	359350	106441	3.4 1	0	-.4310	5.2799E-05
6	7.166	Heptachlor epoxide	19.7537	5.0893%	315531	87196	3.6 1	0	-.4073	6.2605E-05
8	8.401	Endosulfan I	0.8351	0.2152%	10179	2707	3.8 2	0	-.3738	8.2047E-05
9	9.152	gamma-Chlorodane	20.0150	5.1566%	325714	93252	3.5 2	0	-.5444	6.1450E-05
10	9.402	alpha-Chlorodane	20.0667	5.1699%	326334	93190	3.5 2	0	-.5300	6.1491E-05
11	9.769	DDE	39.5304	10.1845%	557856	164923	3.4 1	0	-.5102	7.0861E-05
12	10.972	Endrin	1.2046	0.3116%	10155	2739	3.7 1	0	2.336	1.1911E-04
14	12.291	Endosulfan II	41.9237	10.8011%	510160	141888	3.6 1	0	0	8.2178E-05
15	13.561	Endrin aldehyde	38.9425	10.0331%	330024	59032	5.6 1	0	-.4866	1.1900E-04
16	14.746	Endosulfan sulfate	40.5775	10.4543%	468527	129365	3.9 1	0	-.5630	8.5607E-05
17	15.915	Endrin Ketone	44.6993	11.5162%	479510	132588	3.6 1	0	-.4179	9.3214E-05
18	19.339	DDB	44.3281	11.4206%	521220	121144	4.3 1	0	-.4299	8.5047E-05

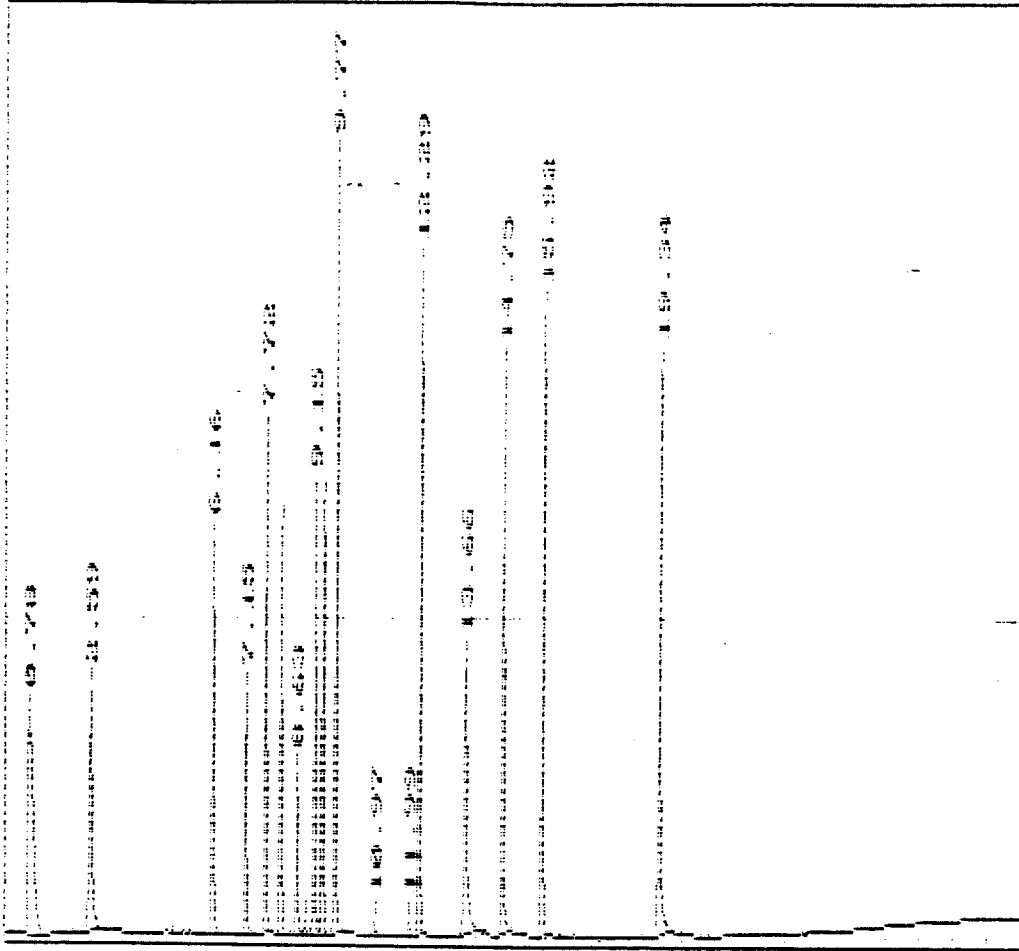
TOTAL AMOUNT = 388.1413

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
gamma-BHC	5.04	TCX
Heptachlor	5.54	TCX
Dieldrin	10.10	TCX
DDE	12.32	TCX
DDE	12.43	TCX
Methoxychlor	15.23	TCX

000146

Areas, times, and heights stored in: E:\QJ13-22.ATB
Data File = E:\QJ13-22.PTS Printed on 10-14-1994 at 07:37:43
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



000147

QC DATA

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PBLK01

La Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 0 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract: 01-F000-06-I93-0024
 SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-B1S
 Lab File ID: PJ13-4
 Date Received: NA
 Date Extracted: 10/13/94
 Date Analyzed: 10-13-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-8	alpha-BHC	1.70	U
319-85-7	beta-BHC	0.31	JP
319-86-8	delta-BHC	1.70	U
58-89-9	gamma-BHC (Lindane)	1.70	U
76-44-8	Heptachlor	0.25	JP
309-00-2	Aldrin	1.70	U
1024-57-3	Heptachlor epoxide	1.70	U
959-98-8	Endosulfan I	1.70	U
60-57-1	Dieldrin	3.30	U
72-55-9	4,4'-DDE	3.30	U
72-20-8	Endrin	3.30	U
33213-65-9	Endosulfan II	3.30	U
72-54-8	4,4'-DDD	3.30	U
1031-07-8	Endosulfan sulfate	3.30	U
50-29-3	4,4'-DDT	3.30	U
72-43-5	Methoxychlor	17.00	U
53494-70-5	Endrin ketone	3.30	U
7421-36-3	Endrin aldehyde	3.30	U
5103-71-9	alpha-Chlordane	1.70	U
5103-74-2	gamma-Chlordane	1.70	U
81-1-35-2	Toxaphene	170.00	U
12074-11-2	Aroclor-1016	33.00	U
11104-28-2	Aroclor-1221	67.00	U
11141-16-5	Aroclor-1232	33.00	U
53469-21-9	Aroclor-1242	33.00	U
12672-29-6	Aroclor-1248	33.00	U
11097-69-1	Aroclor-1254	33.00	U
11096-82-5	Aroclor-1260	33.00	U

FORM I PEST

3/90

000148

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

PBLK01

Lab Name: CKY Inc
 Lab Code: Case No.:
 Lab Sample ID : J039-B1S
 Instrument ID (1): GC3
 GC Column(1): DB608 ID: 0.32 (mm)

Contract:01-F000-06-I93-0024
 SAS No.: SDG No.: 94J039
 Date(s) Analyzed: 10-13-1994 10-13-1994
 Instrument ID (2): GC3
 GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
beta-BHC	1	9.82	9.73	9.87	0.31	
	2	7.18	7.13	7.27	0.99	215.4
Heptachlor	1	10.72	10.63	10.77	0.25	
	2	5.54	5.49	5.63	1.08	326.0

219.4 MA
 332.0 MA

000149

PESTICIDE ORGANICS ANALYSIS DATA SHEET

LCS01

Lab Name: CKY Inc
 Lab Code: Case No.:
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.00 (g/ml) G
 % Moisture: 0 decanted: (Y/N) N
 Extraction: (SepF/Cont/Sonc) SONC
 Concentrated Extract Volume: 10000 (uL)
 Injection Volume: 2.5 (uL)
 GPC Cleanup: (Y/N) N pH:

Contract:
 SAS No.: SDG No.: 94J039
 Lab Sample ID: J039-L1S
 Lab File ID: PJ13-5
 Date Received: NA
 Date Extracted: 10/13/94
 Date Analyzed: 10-13-1994
 Dilution Factor: 1
 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
319-84-8	alpha-BHC		1.70	U
319-85-7	beta-BHC		1.70	U
319-86-8	delta-BHC		1.70	U
58-89-9	gamma-BHC (Lindane)		15.95	U
76-44-8	Heptachlor		14.33	
309-00-2	Aldrin		14.33	
1024-57-3	Heptachlor epoxide		1.70	
959-98-8	Endosulfan I		1.70	DD
60-57-1	Dieldrin		33.78	
72-55-9	4,4'-DDE		0.21	J
72-20-8	Endrin		32.66	
33213-65-9	Endosulfan II		3.30	DD
72-54-8	4,4'-DDD		3.30	DD
1031-07-8	Endosulfan sulfate		3.30	DD
50-29-3	4,4'-DDT		28.78	
72-43-5	Methoxychlor		16.70	
53494-70-5	Endrin ketone		3.70	DD
7421-36-3	Endrin aldehyde		2.68	DD
5103-71-9	alpha-Chlordane		1.70	DD
5103-74-2	gamma-Chlordane		1.70	DD
81-1-35-2	Toxaphene		170.00	DD
11104-28-2	Aroclor-1010		33.00	DD
11104-28-2	Aroclor-1221		67.00	DD
11141-16-5	Aroclor-1232		33.00	DD
53469-21-9	Aroclor-1242		33.00	DD
12672-29-6	Aroclor-1248		33.00	DD
11097-69-1	Aroclor-1254		33.00	DD
11096-82-5	Aroclor-1260		33.00	DD

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

LCS01

Lab Name: CKY Inc
 Lab Code: Case No.:
 Lab Sample ID : J039-LIS
 Instrument ID (1): GC3
 GC Column(1): DB608 ID: 0.32 (mm)

Contract:
 SAS No.: SDG No.: 94J039
 Date(s) Analyzed: 10-13-1994 10-13-1994
 Instrument ID (2): GC3
 GC Column(2): DB1701 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
gamma-BHC (Lindane)	1	9.50	9.44	9.58	15.95	7.7
	2	5.06	5.01	5.15	17.18	
Heptachlor	1	10.69	10.63	10.77	14.33	11.1
	2	5.53	5.49	5.63	15.91	
Aldrin	1	11.92	11.87	12.01	14.33	3.2
	2	6.18	6.15	6.29	14.79	
Dieldrin	1	16.68	16.64	16.78	33.78	3.6
	2	10.07	10.06	10.20	34.99	
4,4'-DDE	1	16.48	16.43	16.57	0.22	4.4
	2	9.79	9.77	9.91	0.21	
Endrin	1	18.10	18.06	18.20	32.66	4.4
	2	10.67	10.67	10.81	34.10	
4,4'-DDT	1	19.82	19.77	19.91	28.78	4.6
	2	12.88	12.88	13.02	30.09	
Endrin ketone	1	23.58	23.53	23.67	3.70	31.0
	2	15.93	15.93	16.07	4.84	
Endrin aldehyde	1	20.14	20.09	20.23	2.81	4.6
	2	13.68	13.67	13.81	2.68	

000151

Output redirected to LPT1:

MS39-017 M Processed: 10-13-1994 18:40:44, Segment 4, Cycle 4

RAW DATA SAVED IN FILE E:\NPI13-4.PTS Second Channel Stored in E:\NPI13-4.P10

***** EXTERNAL STANDARD TABLE *****

***** 10-13-1994 18:42:04 Version 5.2.0 *****

* Sample Name: 1039-R15 Data File: E:\NPI13-4 *

* Date: 10-13-1994 18:10:41 Method: GLP17 10-12-1994 12:28:01 Version: 2 *

* Interface: 12 Cycle#: 4 Operator: SC Channel: 4 Vial#: N/A *

* Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

* Instrument Type: GC#3 Column Type: DB1701 1860X *

* Solvent Description: H *

* Conditions: 1200/min 2200/min 840/min 2500/min 1100/min *

* Detector 0: FID Detector 1: FID *

* Misc. Information: LPT1: *

Starting Delay: 0.00 Ending retention time: 30.00

Area reject: 0 One sample per 1.0000 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPM	NORMALIZED CONC	AREA	HEIGHT	HEIGHT SL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	5.711	TCX	20.3571	29.3794%	239591	47210	5.1 1	0	.5882	8.4966E-05
6	4.295	gamma-BHC	0.4325	0.6242%	5917	797	7.4 1	0	-1.940	7.3095E-05
7	1.820	delta-BHC	1.0902	1.5734%	7667	2082	3.7 1	0	.3412	1.4214E-04
10	10.721	Heptachlor	0.8860	1.2787%	9453	1397	6.8 1	0	.4694	4.3733E-05
11	12.107	Aldrin	4.1839	6.0382%	61446	12505	4.9 1	0	1.540	6.8091E-05
12	19.537	Endrin	0.4817	0.6952%	2963	784	3.8 1	0	2.527	1.6258E-04
13	18.938	Endosulfan II	0.9103	1.3137%	8475	1853	4.5 1	0	.5319	1.0740E-04
14	20.574	Endosulfan sulfate	1.9055	2.7500%	16203	3973	4.1 2	0	-1.4888	1.1760E-04
16	22.906	DL8	39.0433	56.3472%	321109	66705	4.8 1	0	-1.0598	1.2159E-04

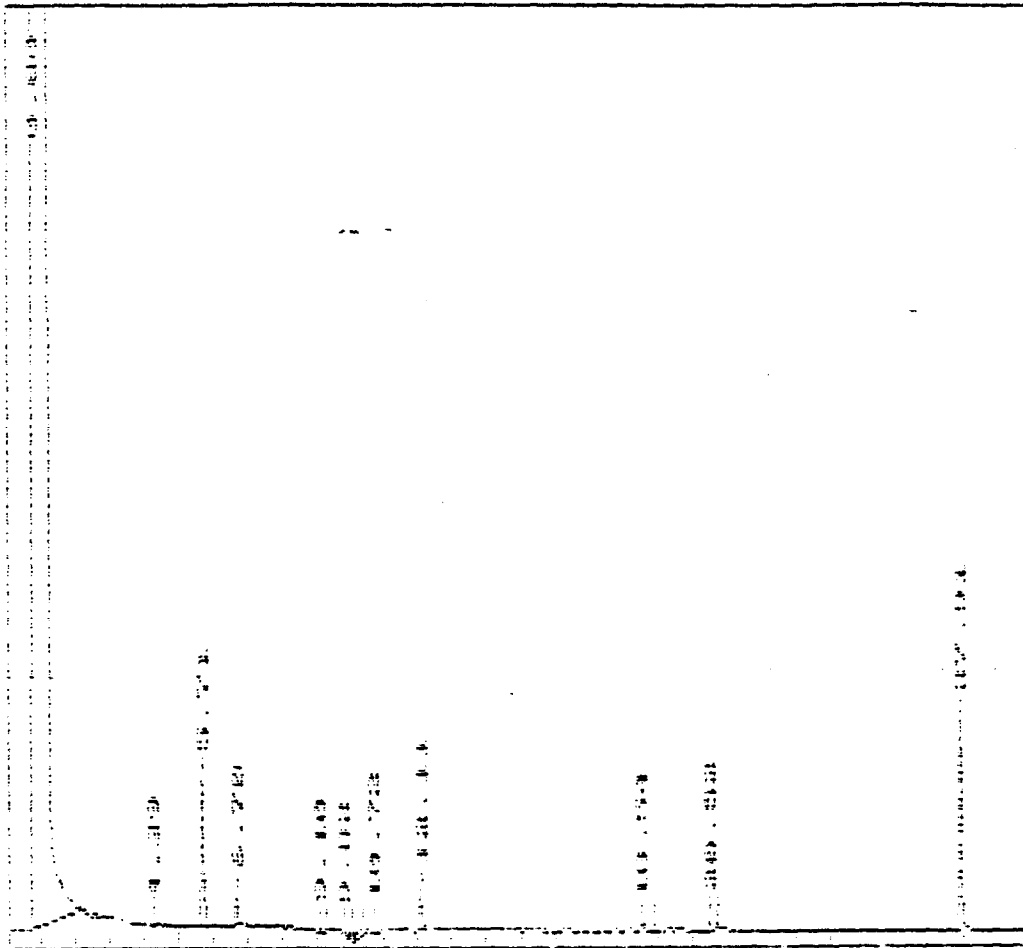
TOTAL AMOUNT = 69.2905

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	8.05	TOX
delta-BHC	11.17	TOX
Heptachlor epoxide	14.13	TOX
gamma-Chlordane	15.23	TOX
alpha-Chlordane	15.41	TOX
Endosulfan I	15.50	TOX
DDE	16.48	TOX
Dieldrin	16.68	TOX
DDD	18.67	TOX
DDT	19.84	TOX
Endrin aldehyde	20.16	TOX
Methoxychlor	23.28	TOX
Endrin Ketone	23.58	TOX

000152

Areas, times and heights stored in: F:\NP113-4.AIR
Data File = F:\NP113-4.PTS Printed on 10-13-1994 at 18:42:23
Start time: 0.00 min. Stop time: 30.00 min. OFFSET: 0.075
Full Range: 300 K-Counts



000153

***** EXTERNAL STANDARD TABLE *****

***** 10-13-1994 18:42:48 Version 5.2.0 *****
 * Sample Name: J039-B15 Data File: F:\N0113-4 *
 * Date: 10-13-1994 18:10:41 Method: DLP17 10-06-1994 13:47:21 Version: 1 *
 * Interface: 12 Cycles: 4 Operator: SC Channel: B Vial#: N/A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB20X *
 * Solvent Description: H+ *
 * Conditions: 1700/min 2700/min 2900/min 2900/min 2900/min *
 * Detector 0: FID Detector 1: FID *
 * Misc. Information: *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT RL	REF PEAK	% DELTA RET TIME	CONFIDENCE
2	2.589	TCX	18.7630	24.3362%	310424	53444	5.81	0	-1.649%	8.0407E-05
4	5.043	gamma-BHC	1.2398	1.5081%	21349	2385	9.0	0	0	5.8075E-05
5	5.544	Heptachlor	3.6635	4.7519%	44995	2960	15.2	0	0	9.1421E-05
6	7.181	beta-BHC	3.3618	4.3605%	31695	7553	4.2	0	0	1.0607E-04
8	13.677	Endrin aldehyde	1.0542	1.3673%	8934	2522	3.4	0	-3.64%	1.1900E-04
9	5.581	Mecloxychlor	5.2352	6.7903%	14246	3371	4.2	0	2.302	3.6748E-04
10	14.372	OCB	43.7796	56.7850%	514770	129399	4.0	0	-2.57%	8.5047E-05

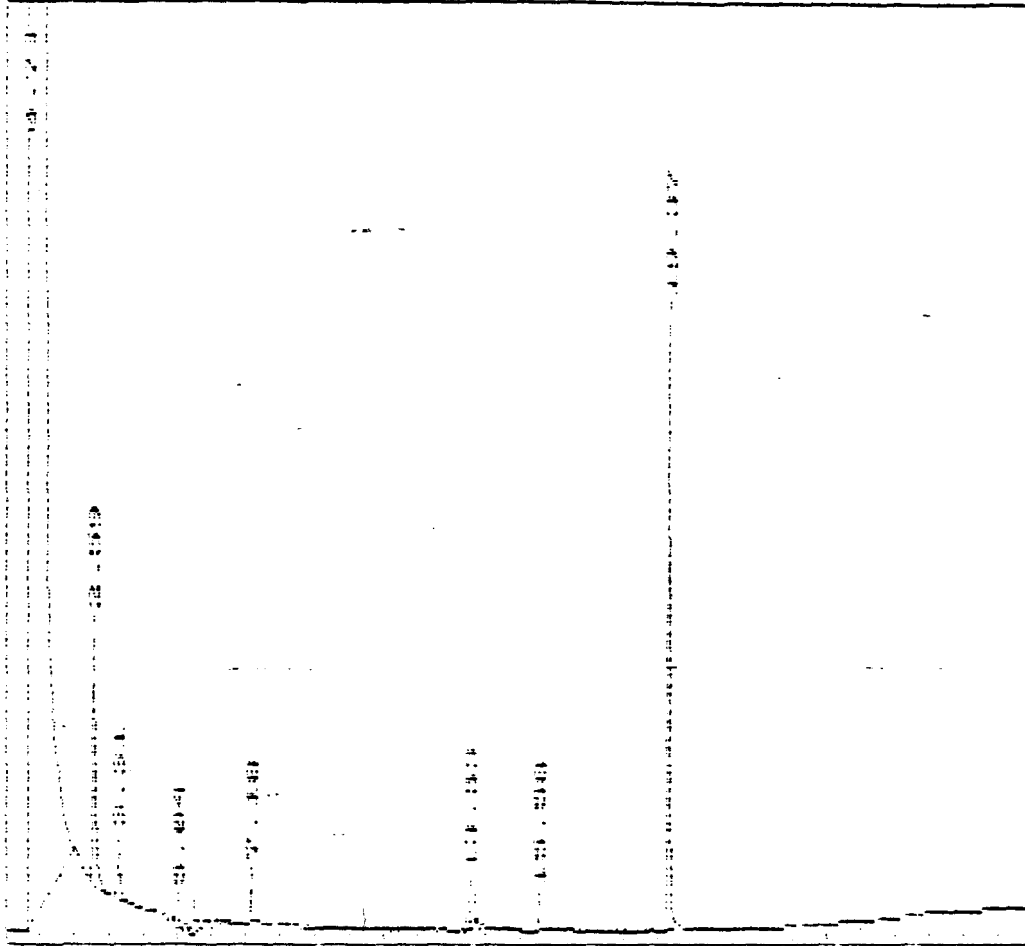
TOTAL AMOUNT = 77.0970

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	4.14	TCX
aldrin	6.20	TCX
delta-BHC	7.25	TCX
Heptachlor epoxide	8.20	TCX
Endosulfan I	8.93	TCX
gamma-Chlorodane	9.20	TCX
alpha-Chlorodane	9.45	TCX
DDE	9.82	TCX
Dieldrin	10.10	TCX
Endrin	10.72	TCX
Endosulfan II	12.36	TCX
DDD	12.41	TCX
DDT	12.93	TCX
Endosulfan sulfate	14.83	TCX
Endrin ketone	15.98	TCX

000154

areas, times, and heights stored in: F:\NOJ13-4.PKS
Data File = E:\NOJ13-4.PTS Printed on 10-13-1994 at 18:4:05
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0.00
Full Range: 200 K-Counts



000155

Output redirected to LPT1:

J039-L15 Processed: 10-13-1994 19:14:20. Segment 5. Cycle 5

RAW DATA SAVED IN FILE E:\NP113-5.PTS Second Channel Stored in F:\NP113-5.PTS

***** EXTERNAL STANDARD TABLE *****

***** 10-13-1994 19:15:41 Version 5.2.0 *****

* Sample Name: J039-L15 Data File: F:\NP113-5 *

* Date: 10-13-1994 18:44:17 Method: CLP17 10-12-1994 12:28:01 Version: 2*

* Interface: 12 Cycles: 5 Operator: SC Channel: A Vial: N.E. *

* Starting Peak Width: 15 Hyperbolic: 15 Area Threshold: 1500 *

* Instrument Type: GC/MS Column Type: DB1701 DB608 *

* Solvent Description: HF *

* Conditions: 120C/1min 220C/2min 240C/2min 240C/2min 240C/2min *

* Detector 0: FID Detector 1: FID *

* Misc. Information: LPT1: *

Starting Delay: 0.00 Ending retention time: 180.00

Area reject: 0 One sample per 1.000 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION-in PPM	NORMALIZED CONC	AREA	HEIGHT	HEIGHT ML	OFF PEAK	RET TIME	NUM/AREA
3	5.711	TCX	32.4125	4.7400%	381475	74400	5.1 1	0	5.882	8.4956E-05
8	8.250	alpha-BHC	2.2347	0.3268%	33489	1976	16.9 2	0	2.489	6.6730E-05
10	9.502	gamma-BHC	52.9047	7.7368%	723777	179454	4.0 1	0	3527	7.3095E-05
15	10.688	Heptachlor	50.2172	7.3438%	535746	124468	4.3 1	0	1564	9.3733E-05
16	11.924	Aldrin	46.8928	6.8574%	688680	160756	4.3 2	0	0	6.8091E-05
19	15.483	DDE	0.7381	0.1079%	8308	2325	3.5 1	0	0	8.8836E-05
20	16.683	Dieldrin	122.3136	17.9871%	1103928	266086	4.1 1	0	0	1.1080E-04
21	18.103	Endrin	127.1897	18.6002%	782329	183581	4.3 1	0	1260	1.6268E-04
22	18.671	DDD	11.4668	1.6769%	75938	20206	3.3 1	0	0	1.5100E-04
23	19.823	DDT	109.7424	16.0487%	655489	168903	3.9 2	0	0	1.6747E-04
24	20.140	Endrin aldehyde	9.4189	1.3805%	60411	14429	4.2 2	0	0	1.6414E-04
25	20.758	Endosulfan sulfara	63.4297	9.2768%	519361	92663	5.4 1	0	1427	1.1748E-04
26	22.446	Methoxychlor	2.5431	0.3719%	5159	1247	4.1 1	0	-1.019	4.9380E-04
27	23.580	Endrin ketone	12.8517	1.8794%	111087	26864	4.1 1	0	0	1.1849E-04
28	27.406	DDP	38.9514	5.6963%	328353	67160	4.8 1	0	-0.0598	1.2183E-04

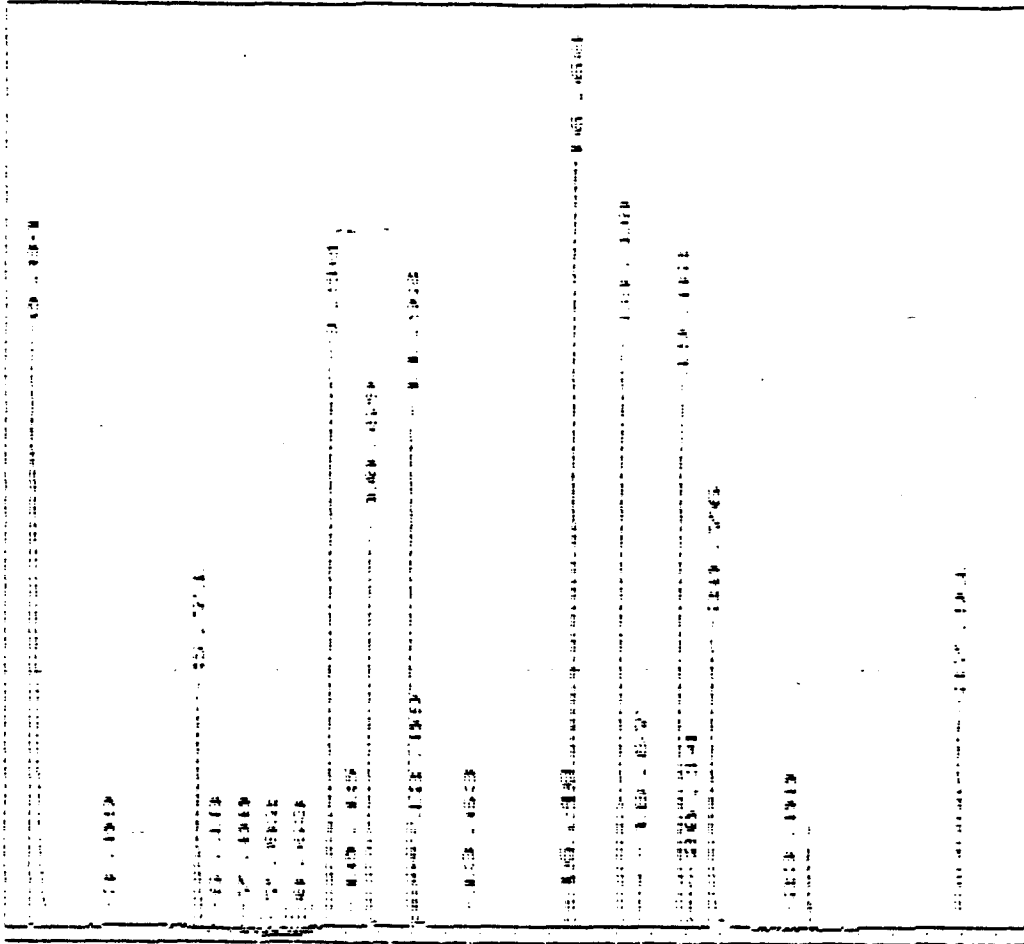
TOTAL AMOUNT = 483.8073

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
beta-BHC	9.79	TCX
delta-BHC	11.17	TCX
Heptachlor epoxide	14.15	TCX
gamma-Chlordane	15.23	TCX
alpha-Chlordane	15.41	TCX
Endosulfan I	15.50	TCX
Endosulfan II	18.84	TCX

000156

Areas, times, and heights stored in: F:\NP113-5.AIR
Data File = F:\NP113-5.PTS Printed on 10-13-1994 at 19:15:59
Start time: 0.00 min. Stop time: 30.00 min Offset: 0.00
Full Range: 300 K-Counts



000157

***** EXTERNAL STANDARD TABLE *****

***** 10-13-1994 19:15:28 Version 5.2.0 *****
 * Sample Name: J039-L15 Data File: F:\N0113-5 *
 * Date: 10-13-1994 18:44:17 Method: DLP17 10-05-1994 13:47:21 Version: 1 *
 * Interface: 12 Cycle#: 5 Operator: SC Channel: B Vials: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB60H *
 * Solvent Description: HE *
 * Conditions: 1700/1min 2700/7min 400/1min 2400/4min 410/1min *
 * Detector 0: FID Detector 1: FID *
 * Misc. Information: *

Starting Delay: 0.00 Ending Retention Time: 30.00
 Area Reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution Factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% OF TOTAL RET. TIME	CONC. % OF TOTAL
2	2.585	TOX	34.8435	4.3945%	575448	95884	6.00	0	1.294	4.8809E-04
5	5.860	gamma-BHC	55.3462	6.9813%	953020	226762	4.21	0	1.311	5.4075E-05
6	5.528	Heptachlor	54.1362	6.9382%	664889	158544	4.21	0	1.302	8.1421E-05
7	6.179	Alarin	48.7416	6.0940%	877650	220730	4.01	0	1.245	5.5636E-05
8	7.181	beta-BHC	10.8083	1.3644%	101901	27467	4.41	0	0	1.0607E-04
9	7.86	ONE	0.7047	0.0881%	4945	2685	3.71	0	1.3401	7.0861E-05
10	11.970	Dieldrin	123.8689	14.9532%	1467725	422717	3.51	0	1.3305	8.4269E-05
11	10.671	Endrin	131.1706	15.8347%	1101242	306216	3.61	0	1.4472	1.1911E-04
12	12.358	Endosulfan II	8.5847	1.0484%	105662	28004	3.81	0	0	8.2178E-05
13	12.976	DDT	118.6267	14.3204%	791355	231489	3.41	0	1.3875	1.4990E-04
14	13.677	Endrin aldehyde	9.2755	1.1197%	78607	15231	5.21	0	1.3449	1.1800E-04
15	15.581	Methoxychlor	172.4251	20.8752%	470545	88097	5.32	0	2.302	3.6744E-04
16	15.932	Endrin ketone	16.8017	2.0283%	180239	46776	3.92	0	1.3134	4.3214E-05
17	19.355	OPB	42.4413	5.1234%	499035	124243	4.01	0	1.3439	8.5047E-05

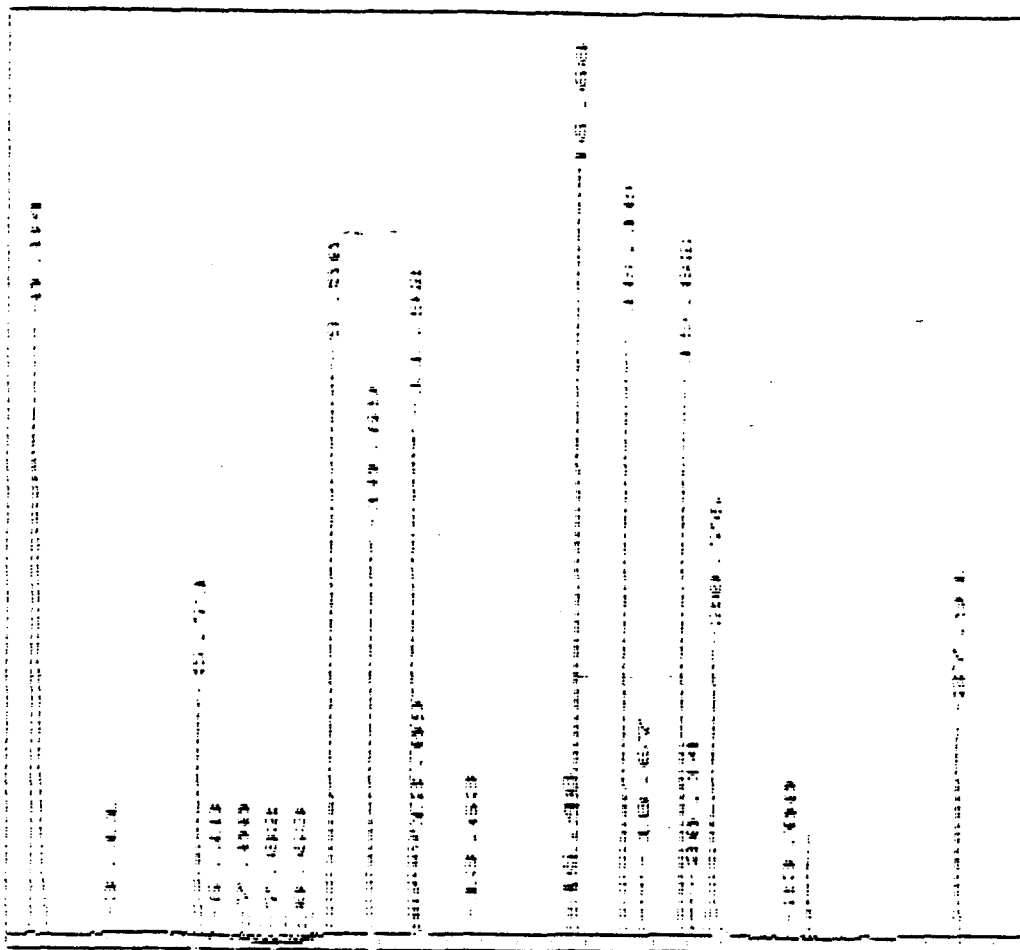
TOTAL AMOUNT = 828.3752

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	4.14	TOX
delta-BHC	7.75	TOX
Heptachlor epoxide	8.20	TOX
Endosulfan I	8.43	TOX
gamma-Chlordane	9.20	TOX
alpha-Chlorodane	9.45	TOX
DDO	12.41	TOX
Endosulfan sulfate	14.8.5	TOX

000158

Areas, times, and heights stored in: E:\NPI13-6 A1H
Data File = E:\NPI13-6.PTS Printed on 10-13-1994 at 14:44:31
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0.073
Full Range: 300 K-Counts



000161

***** EXTERNAL STANDARD LABEL *****

***** 10-13-1994 14:49:58 Version 5.12.0 *****
 * Sample Name: J039-L10 Data File: F:\NO113-5 *
 * Date: 10-13-1994 14:17:50 Method: DLP17 10-06-1994 13:47:21 Version: 1 *
 * Interface: 12 Cycles: 6 Operator: SC Channel: 8 Vials: N.A. *
 * Starting Peak Width: 15 Inrtshold: 15 Area Inrtshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 1700/1min 2700/2min @40/min 2900/4min #1000/min *
 * Detector 0: FID Detector 1: ESD *
 * Misc. Information: P11: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPM	NORMALIZED CONC	AREA	HEIGHT	HEIGHT XL	REF PEAK	% OF TOTAL RET. TIME	LOG10(AREA)
3	2.605	TOX	35.6842	4.2179%	590766	102503	5.8 1	0	1.298	8.0403E-05
6	5.060	gamma-CHC	57.0312	6.7411%	982034	225858	4.3 1	0	1.311	5.8075E-05
7	5.544	Heptachlor	55.9744	6.6142%	687466	165067	4.2 1	0	0	8.1421E-05
8	6.179	Endrin	49.9124	5.9997%	898732	220874	4.1 1	0	-1.2695	5.5534E-05
9	7.181	beta-BHC	1172209	1.3243%	105791	24511	4.3 1	0	0	1.0607E-04
10	8.803	DDE	0.6942	0.0821%	797	2641	3.7 1	0	-1.1700	7.0851E-05
11	10.070	Dieldrin	125.6000	14.9647%	1502336	430014	5.5 1	0	-1.3305	6.4269E-05
12	10.688	Endrin	135.3229	15.9952%	1136193	330563	3.4 1	0	-1.3115	1.1711E-04
13	12.358	Endosulfan II	8.7932	1.0394%	107003	27841	3.5 1	0	0	8.2178E-05
14	12.876	DDE	122.1951	14.4436%	815159	233560	3.5 1	0	-1.3875	1.4990E-04
16	13.677	Endrin epoxide	9.3222	1.1019%	79002	15060	5.2 2	0	-1.3449	1.1800E-04
17	15.581	Methoxychlor	173.6691	20.5277%	472589	92103	5.1 2	0	2.302	3.6748E-04
18	15.932	Endrin ketone	16.6515	1.9682%	178629	45774	3.9 2	0	-1.3134	4.3214E-05
19	19.372	DDE	42.9498	5.0767%	505013	129225	3.9 1	0	-1.2574	8.5047E-05

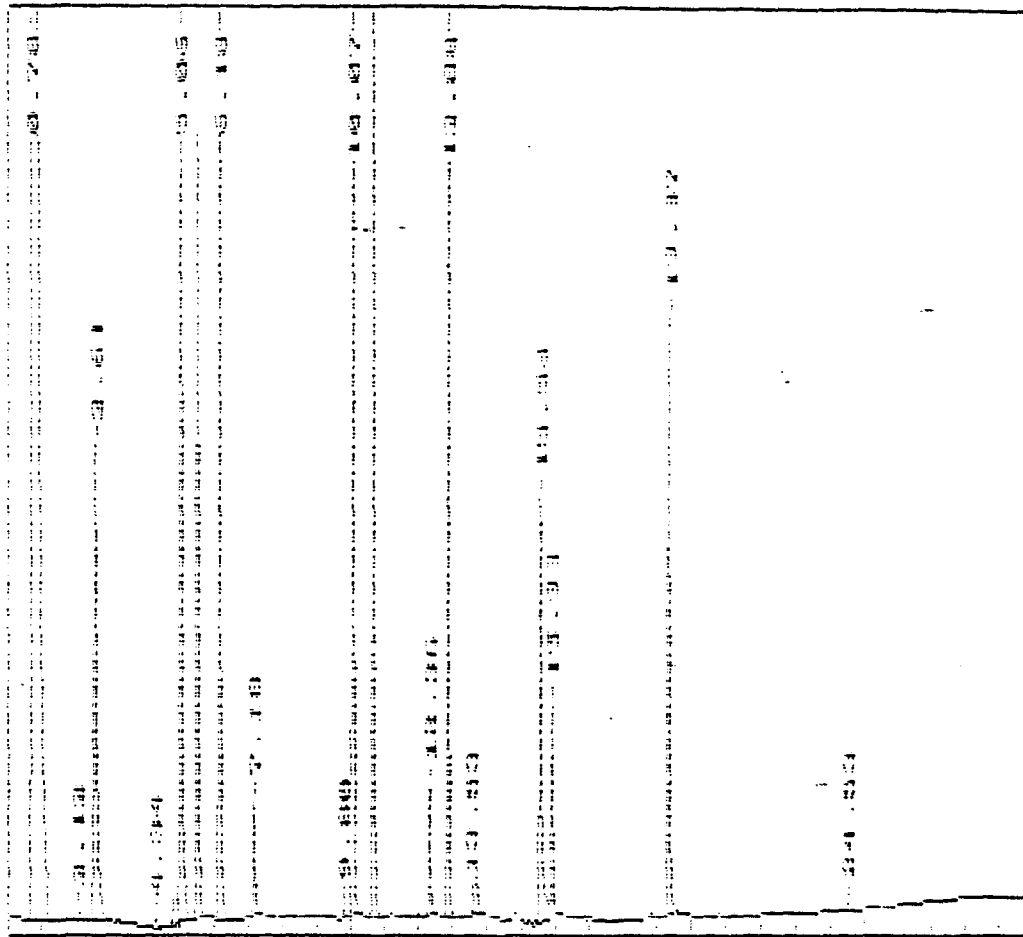
TOTAL AMOUNT = 846.0211

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	4.14	TOX
delta-BHC	7.75	TOX
Heptachlor epoxide	8.20	TOX
Endosulfan I	8.93	TOX
gamma-Chlorodane	9.20	TOX
alpha-Chlorodane	9.45	TOX
DDE	12.41	TOX
Endosulfan sulfate	14.83	TOX

000162

Areas, times, and heights stored in: E:\NJJ13-6.A18
Data File = E:\NJJ13-6.PTS Printed on 10-13-1994 at 19:50:15
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts
Full Range: 200 K-Counts



Output redirected to LPT1:

Output redirected to LPT1:

Jr 1-035 Processed: 10-13-1994 22:02:26. Segment 1, Cycle 10
RAW DATA SAVED IN FILE F:\NPJ13-10.LPT5 Second Channel Stored In F:\NPJ13-10.LPT6

***** EXTERNAL STANDARD LABEL *****

***** 10-13-1994 22:04:46 version 5.2.0 *****

* Sample Name: J039-035 Data File: F:\NPJ13-10 *
 * Date: 10-13-1994 21:52:23 Method: QUP17 10-12-1994 12:28:01 Version: *
 * Interface: 12 Cycles: 10 Operator: S1 Channel: 4 Vials: N/A *
 * Starting Peak Width: 15 Parabolic: 15 Area Threshold: 1500 *

* Instrument Type: GC/MS Column Type: DB1701 DB50X *
 * Solvent Description: HE *
 * Conditions: 1700/1min 2700/7min 340/1min 2700/7min 3100/7min *
 * Detector 0: FID Detector 1: FID *
 * Misc. Information: LPT1: * *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.000 sec
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

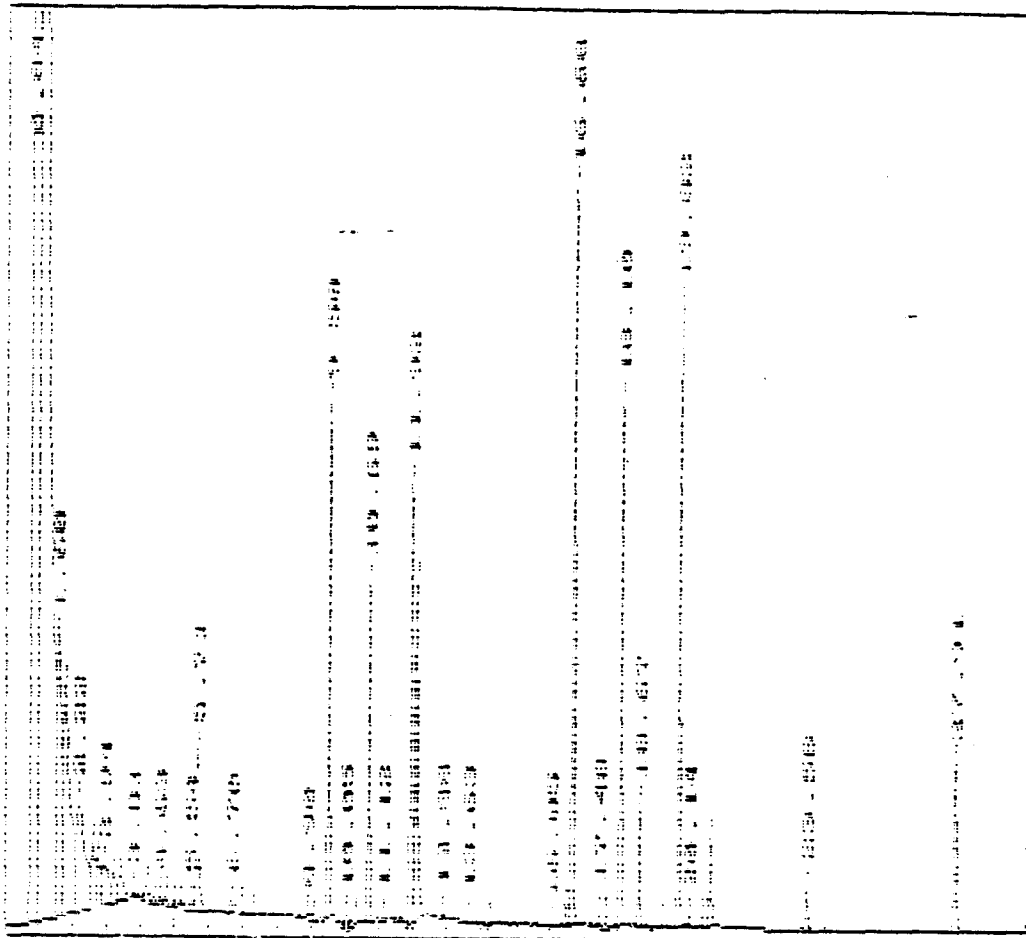
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION IN PPM	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	REF PEAK	% DELTA RET TIME	CONC/AREA
19	5.711	TCX	23.8956	4.0359%	281237	52556	5.3 2	0	.5882	8.4966E-05
25	15.502	gamma-BHC	48.1848	8.1392%	659275	156377	4.0 1	0	.3527	7.3095E-05
26	10.053	beta-BHC	4.7750	0.8065%	33582	4851	6.9 1	0	2.730	1.4219E-04
28	10.688	Heptachlor	44.1972	7.4648%	471521	109415	4.3 1	0	.1844	4.3733E-05
29	11.122	delta-BHC	0.2654	0.0448%	4212	1100	3.8 1	0	-1.4484	6.3009E-05
30	11.924	Endrin	42.7833	7.2260%	628327	143074	4.4 2	0	0	5.8091E-05
34	14.278	Heptachlor epoxide	0.7118	0.1202%	8734	1222	7.1 1	0	1.043	8.1476E-05
36	16.483	DDE	2.0806	0.3514%	23421	6567	3.6 1	0	0	4.8838E-05
37	16.683	Dieldrin	110.5343	18.6630%	997615	239411	4.2 1	0	0	1.1080E-04
40	18.103	Endrin	120.2803	20.3151%	739930	169544	4.4 1	0	.1760	1.4258E-04
41	18.671	DDE	22.3679	3.7774%	128129	39289	3.3 1	0	0	1.5100E-04
43	19.423	DDE	130.6107	22.0599%	780135	201566	3.9 2	0	0	1.4742E-04
44	20.140	Endrin aldehyde	2.3002	0.3885%	14009	3342	4.2 2	0	0	1.6419E-04
45	20.524	Endosulfan sulfate	1.8116	0.3060%	15405	3838	4.0 1	0	-1.4888	1.1260E-04
47	23.580	Endrin ketone	6.0642	1.0242%	52417	13186	4.0 1	0	0	1.1588E-04
48	27.906	DDE	31.2051	5.2705%	256644	54258	4.7 1	0	-1.0598	1.2159E-04

TOTAL AMOUNT = 592.0724

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-Chlordane	15.23	TCX
alpha-Chlordane	15.41	TCX
Endosulfan I	15.50	TCX
Endosulfan II	18.84	TCX
Mexoxychlor	23.28	TCX

Areas, times, and heights stored in: E:\NPT13-10.AFR
Data File = E:\NPT13-10.PTS Printed on 10-13-1994 at 22:04:05
Start time: 0.00 min. Stop time: 30.00 min. UTFSAT: 0.075
Pul Range: 300 K-Counts



***** EXTERNAL STANDARD TABLE *****

***** 10-14-1994 03:23:07 Version 5.2.0 *****
 * Sample Name: J039-03S Data File: E:\QJ13-10 *
 * Date: 10-13-1994 21:32:23 Method: F:\DLPI7 10-13-1994 22:21:27 Version: 2 *
 * Interface: 12 Cycle#: 10 Operator: SC Channel: B Vial#: N.A. *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000 *

 * Instrument Type: GC#3 Column Type: DB1701 DB608 *
 * Solvent Description: HE *
 * Conditions: 170C/1min 270C/7min @4C/min 290C/4min @10C/min *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: LPT1: * *

 Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.589	TCX	19.6562	2.9214%	325416	57721	5.6 1	0	.5493	6.0403E-05
5	5.043	gamma-BHC	50.9482	7.5723%	877289	203944	4.3 2	0	0	5.8075E-05
6	5.528	Heptachlor	53.6694	7.9767%	659157	147256	4.5 1	0	-.3012	8.1421E-05
7	6.162	Aldrin	43.0284	6.3952%	774776	192908	4.0 1	0	-.5390	5.5536E-05
8	7.164	beta-BHC	35.9584	5.3295%	338075	64511	5.2 1	0	-.2325	1.0607E-04
9	8.200	Heptachlor epoxide	0.4411	0.0656%	7045	1271	5.5 1	0	0	6.2605E-05
10	9.152	gamma-Chlorodane	1.4234	0.2115%	23164	2198	10.5 1	0	-.5444	5.1450E-05
11	9.786	DDE	2.1322	0.3169%	30089	8845	3.4 1	0	-.3401	7.0861E-05
12	10.053	Dieldrin	111.3677	16.5522%	1321577	370769	3.5 1	0	-.4958	8.4259E-05
13	10.671	Endrin	131.3725	19.5254%	1102938	311392	3.5 1	0	-.4672	1.1911E-04
16	12.341	DDD	19.2794	2.8654%	164139	44362	3.7 2	0	-.1351	1.1746E-04
17	12.876	DDT	138.1066	20.5263%	921304	269597	3.4 1	0	-.3875	1.4990E-04
19	13.677	Endrin aldehyde	3.3602	0.4994%	29477	5203	5.5 1	0	-.3649	1.1900E-04
20	15.564	Methoxychlor	20.7289	3.0809%	56408	13774	4.1 1	0	2.192	3.5748E-04
21	15.932	Endrin Ketone	5.9331	1.0156%	73301	20967	3.5 1	0	-.3134	9.3219E-05
23	19.355	DCB	34.6220	5.1457%	407093	112771	3.6 1	0	-.3439	8.5047E-05

TOTAL AMOUNT = 672.9276

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
alpha-BHC	4.14	TCX
delta-BHC	7.75	TCX
Endosulfan I	8.93	TCX
alpha-Chlorodane	9.45	TCX
Endosulfan II	12.30	TCX
Endosulfan sulfate	14.83	TCX

000166

000113-11 redirected to 100113-11
 100113-11 Processed: 10-13-1994 22:36:05 Segment 2 (Cycle 1)
 RAW DATA SAVED IN FILE 100113-11.DTA Segment Channel Stored in 100113-11.D13

***** EXTENDED STANDARDIZED TABLE *****

***** 10-13-1994 22:37:08 Version 5.1.0 *****
 * Sample Name: 100113-11 Data File: 100113-11 *
 * Date: 10-13-1994 22:06:04 Method: 01017 10-13-1994 12:06:01 Version: *
 * Interface: 12 Cycle#: 11 Operator: XJ Channel: 6 Vials: 2 *
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 1500 *

 * Instrument Type: GC#3 Column Type: DB1701 DB60X *
 * Solvent Description: HF *
 * Conditions: 1200/min 2700/min 840/min 2900/min 8100/min *
 * Detector 0: FID Detector 1: FID *
 * Misc. Information: IRT1: *

Starting Delay: 0.000 Ending Retention Time: 30.000
 Area Reject: 0.000 Ina Sample Size: 1.000000
 Amount Injected: 1.000 Dilution Factor: 1.000
 Sample Weight: 1.000000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION IN PPM	MINIMAL IZED CONC	AREA	HEIGHT	HEIGHT/AL	OFF	OFF PEAK	DELTA	CONC/AREA
18	7.711	TCX	21.9456	1.54762	258571	49787	5.2 2	0	5882	9.4966E-05	
25	9.502	gamma-BHC	19.7619	1.14762	430520	142419	4.0 1	0	3577	7.0095E-05	
26	10.053	beta-BHC	1.8325	0.35272	27520	2822	4.4 1	0	2130	1.2019E-04	
28	10.588	Methoxychlor	17.0047	7.49862	501448	119047	4.0 1	0	1564	4.3732E-05	
29	11.122	alpha-BHC	0.2379	0.03992	3736	452	4.0 1	0	-1228	6.7000E-05	
30	11.974	alpha	12.8879	6.97532	425288	141435	4.2 2	0	0	6.8091E-05	
34	14.262	Methoxychlor oxide	0.5463	0.11202	8526	1242	6.6 1	0	4256	8.1472E-05	
36	16.483	ODE	2.0550	0.33662	23122	6221	3.7 1	0	0	4.8832E-05	
37	16.883	Dialotrin	113.2348	18.54622	1021989	245451	4.2 1	0	0	1.1080E-04	
40	18.103	Endrin	124.8109	20.44212	767647	182281	4.2 1	0	1260	1.4258E-04	
41	18.654	ODD	22.8970	3.75022	151633	40074	3.8 1	0	0	1.5100E-04	
43	19.806	ODT	137.9418	22.54282	823923	211174	3.9 2	0	-1483	1.4742E-04	
44	20.140	Endrin aldehyde	2.5382	0.41572	15454	3614	4.3 2	0	0	1.6419E-04	
45	20.508	Endosulfan sulfate	1.7460	0.28602	14847	3950	3.8 1	0	-5668	1.1760E-04	
47	23.564	Endrin ketone	6.4308	1.05332	55586	13712	4.1 1	0	0	1.1569E-04	
48	27.889	OCB	32.0332	5.24652	263455	57194	4.5 1	0	-1196	1.2159E-04	

TOTAL AMOUNT = 610.5569

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET. TIME	REFERENCE PEAK
alpha-BHC	8.05	TCX
gamma-Chlordane	15.23	TCX
alpha-Chlordane	15.41	TCX
Endosulfan I	15.50	TCX
Endosulfan II	18.84	TCX
Methoxychlor	23.28	TCX

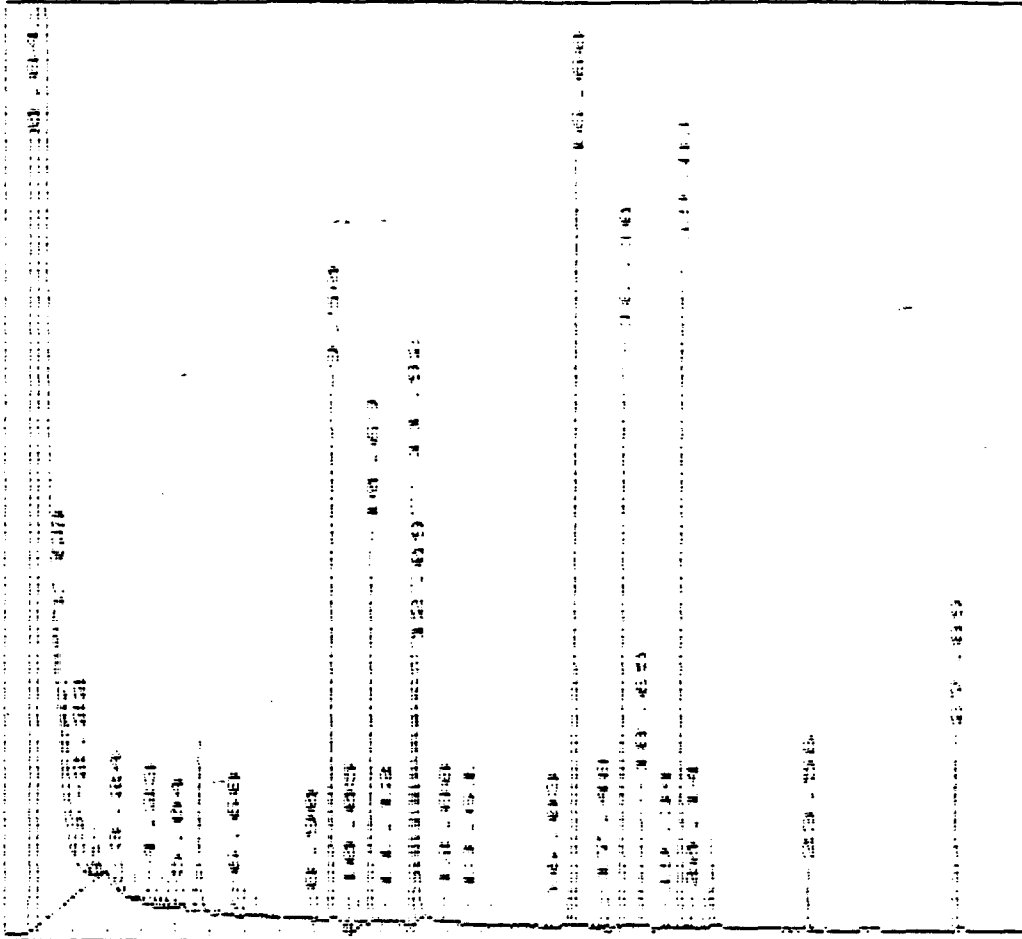
000168

Areas, times, and heights stored in: E:\PJ13-11.A78

Data File = E:\PJ13-11.PTS Printed on 10-13-1994 at 22:37:46

Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 cts

Full Range: 300 K-Counts



000169

***** FTIR *****

* Sample Name: 1000-000 Data File: 1100113-11
 * Date: 10-13-1994 22:06:04 Method: D1017 10-13-1994 22:01:07 Version: 06
 * Starting Delay: 12 Cycles: 11 Detector: 50 Channel: R Vial: 2 P
 * Starting Peak Width: 15 Threshold: 15 Area Threshold: 3000
 * Instrument Type: GC#3 Column Type: DB1701 PDAOR
 * Solvent Description: HF
 * Conditions: 1700/min 2700/min 40/min 2900/min 10/min
 * Detector 0: FID Detector 1: FID
 * Misc. Information: IP11: *

Starting Delay: 0.00 Ending retention time: 30.00
 Area reject: 0 One sample per 1.002 sec
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

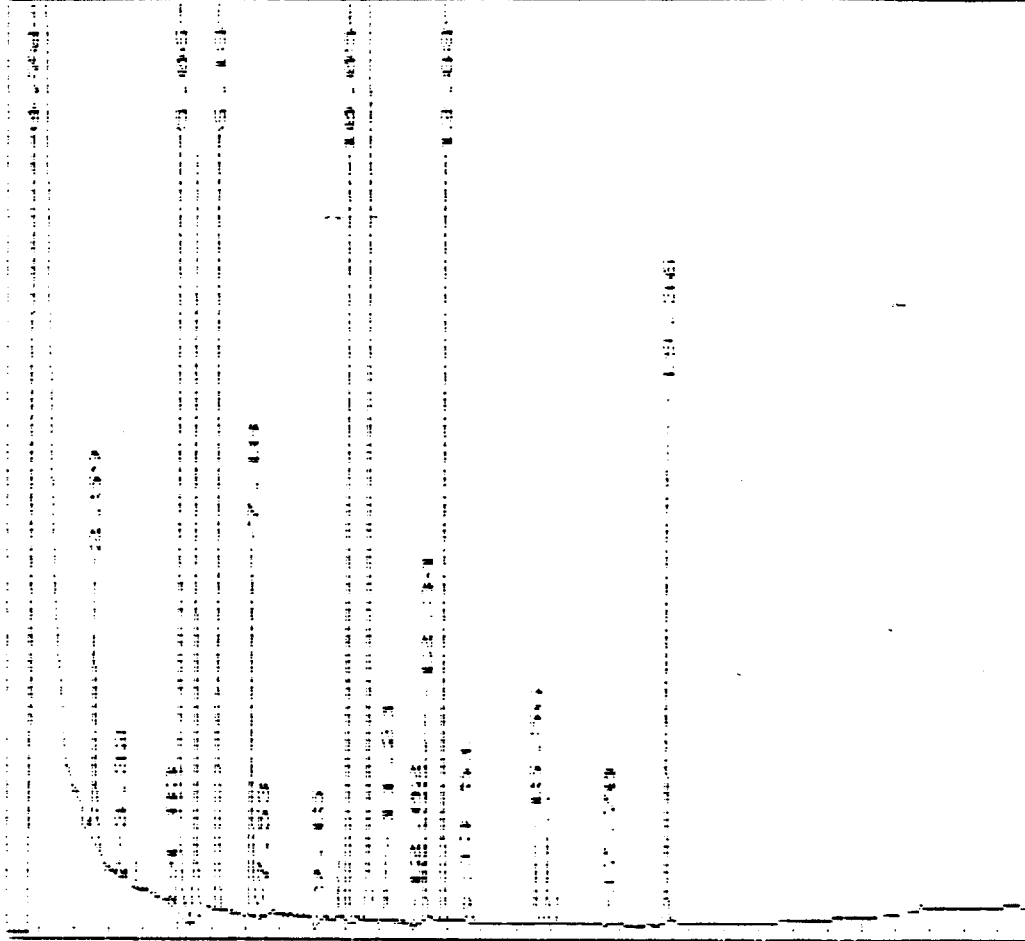
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in PPB	NORMALIZED CONC	AREA	HEIGHT	HEIGHT RI	REF PEAK	% DELTA RET TIME	CONVERSION
2	2.589	TOX	19.9030	7.6057%	329503	56241	5.9 1	0	14493	6.0403E-05
5	5.060	gamma-KCH	53.5252	7.5252%	921663	209230	12.4 2	0	3311	5.8015E-05
7	5.528	Heptachlor	55.1147	7.7491%	674407	159353	12.9 1	0	-3017	4.1421E-05
8	6.179	Aldrin	43.7462	6.1442%	788051	147144	11.0 1	0	-2545	5.5536E-05
9	7.181	beta-BHC	42.9715	4.0434%	404195	77424	5.2 1	0	0	1.0403E-02
10	7.532	delta-BHC	0.6944	0.0079%	13153	1488	8.8 1	0	-9.801	5.2794E-05
11	9.152	gamma-Chlorodane	0.8807	0.1241%	14332	1282	4.0 1	0	-5442	4.1450E-05
12	9.786	OCB	2.1545	0.0042%	30675	4171	3.3 1	0	-3101	1.0841E-05
13	10.083	Dialdrin	114.4664	14.1254%	1258122	272272	11.4 1	0	-2052	9.1040E-05
14	10.471	Endrin	152.9303	19.1436%	1157449	232282	11.5 1	0	-1672	1.1911E-02
17	12.321	OCB	19.8913	0.0010%	144324	12471	11.8 2	0	-1351	1.1714E-02
18	12.876	DDT	142.7560	20.1238%	962320	275270	11.5 1	0	-3875	1.2490E-02
20	13.677	Endrin aldehyde	3.4325	0.1874%	20089	5337	5.5 2	0	-2649	1.1800E-02
21	15.564	methoxychlor	29.7555	4.1945%	80971	17547	4.6 2	0	2.142	3.6748E-02
22	15.932	Endrin Acetone	7.7564	1.0934%	83204	22207	3.7 2	0	-3174	4.3219E-05
25	19.355	OCB	34.4845	4.9512%	405472	109418	3.7 1	0	-3439	8.5017E-05

TOTAL AMOUNT = 709.3882

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME	REFERENCE PEAK
alpha-BHC	4.14	TOX
Heptachlor epoxide	8.20	TOX
Endosulfan I	8.93	TOX
alpha-Chlorodane	9.45	TOX
Endosulfan II	12.30	TOX
Endosulfan sulfate	14.83	TOX

Areas, times, and heights stored in: F:\N0113-11.A18
Data File = F:\N0113-11.PTS Printed on 10-13-1992 at 22:38:31
Start time: 0.00 min. Stop time: 30.00 min. Offset: 0.075
EPL Range: 200 K-Counts



PREPARATION LOG

SEQUENCE FILE: PJ13

SAMPLE NAME	METHOD NAME	DATA FILE	AMOUNT INJECTED	INT. STD. AMOUNT	DILUTION FACTOR	SAMPLE WEIGHT
1 INST BL	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
2 WS39-01/ MIX A 4X	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
3 WS39-01/ MIX B 4X	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
4 J039-01S	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
5 J039-01S	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
6 J039-010	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
7 J039-05	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
8 J039-04	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
9 J039-03	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
10 J039-03S	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
11 J039-03D	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
12 J039-02	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
13 J039-01	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
14 J039-10	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
15 J039-11	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
16 J039-12	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
17 J039-13	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
18 J039-05L 20X	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
19 J039-11L 20X	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
20 J039-12L 20X	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
21 WS39-01/ MIX A 4X	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000
22 WS39-01/ MIX B 4X	CLP17	PJ13-	1.0000	1.0000	1.0000	1.0000

000172

