SELECTED REFERENCE
10 VOL 5

PESTICIDE ANALYSIS DATA PACKAGE
ARDL REPORT NO. 9883
CORPS OF ENGINEERS - PORTLAND DISTRICT
ANNETTE ISLAND SITE

VOLUME 5

ARDL Inc.

applied research & development laboratory

CHEMISTRY • BIOLOGY • PHYSIOLOGY
ENGINEERING • ENVIRONMENTAL ANALYSIS

P.O. Box 1566 • Mt. Vernon Airport, Route 15 East • Mt. Vernon, Illinois 62864 • (618) 244-3235 • FAX (618) 244-1149
"Test Everything - Keep The Good" 1 Thes. 5:21

PESTICIDE ANALYSIS DATA PACKAGE
ARDL REPORT NO. 9883
CORPS OF ENGINEERS - PORTLAND DISTRICT
ANNETTE ISLAND SITE

VOLUME 5

50000

2E

TCLP PESTICIDE SURROGATE RECOVERY

Lab Name: ARDL, Inc. Contract: ANNETTE ISLAND
Lab Code:_____ Case No.: 9883 SAS No.:_____ SDG No.: _____
Date Analyzed: 09/19/94

	EPA SAMPLE NO.	S1 (DCB) #	S2 (TCMX)
01	ANN94TR00101	64	103
02	ANN94TR00201	109	94
03	ANN94TR00201MS	103	104
04	ANN94TR00201MSD	81	105
05	ANN94TR00301	41	83
06	9883-B4010	97	110
07	9883-SPB4010	134	123
08			
09			
10			
11			
12			
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28			
29			
30			

S1 (DCB) = Decachlorobiphenyl
S2 (TCMX)= Tetrachloro-m-xylene

QC LIMITS
TCMX(46-162)
DCB (18-178)

= Column used to flag recovery values

* = Values outside of QC limits

D = Surrogates diluted out

3E

TCLP PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ARDL, Inc. Contract: ANNETTE ISLAND

Lab Code:___ Case No.: 9983 SAS No.:___ SDG No.:___

Matrix Spike-EPA Sample No.: ANN94TR00201

Date Analyzed: 09/19/94

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
gamma-BHC (Lindane)	10	---	10	100	50-150
Heptachlor	10	---	11	110	50-150
Heptachlor Epoxide	10	---	11	110	50-150
Methoxychlor	10	---	14	140	50-150
Endrin	10	---	9.1	91	50-150
Chlordane	10	---	11	110	50-150
Toxaphene	20	---	24	120	50-150

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	10	10	100	0.0	25	50-150
Heptachlor	10	11	110	0.0	25	50-150
Heptachlor Epoxide	10	11	110	0.0	25	50-150
Methoxychlor	10	14	140	0.0	25	50-150
Endrin	10	9.8	98	7.4	25	50-150
Chlordane	10	10	100	9.5	25	50-150
Toxaphene	20	23	115	4.2	25	50-150

NE Not established

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

* Values outside of QC limits

COMMENTS:

TCLP PESTICIDE SPIKE BLANK RECOVERY

Lab Name: ARDL, Inc. Contract: ANNETTE ISLAND

Lab Code:___ Case No.: 9883 SAS No.:___ SDG No.:___

Date Analyzed: 09/19/94 Batch No: SPB4010

COMPOUND	SPIKE ADDED (ug/L)	SPIKE BLANK CONCENTRATION (ug/L)	% REC	QC(1) LIMITS REC.
gamma-BHC(Lindane)	10	12	120	50-150
Heptachlor	10	13	130	50-150
Heptachlor Epoxide	10	12	120	50-150
Methoxychlor	10	16	160 *	50-150
Endrin	10	10	100	50-150
Chlordane	10	13	130	50-150
Toxaphene	20	29	145	50-150

* Outside QC Limits

(1) Advisory limits until laboratory limits are established

COMMENTS:_____

3/90

1D
TCLP PESTICIDE ORGANIC ANALYSIS

Customer Sample No.

ANN94TR00101

Lab Name: ARDL, Inc.
Lab Code: _____ Case No.: 9883

Contract: ANNETTE ISLAND
SAS No.: _____ SDG No.:

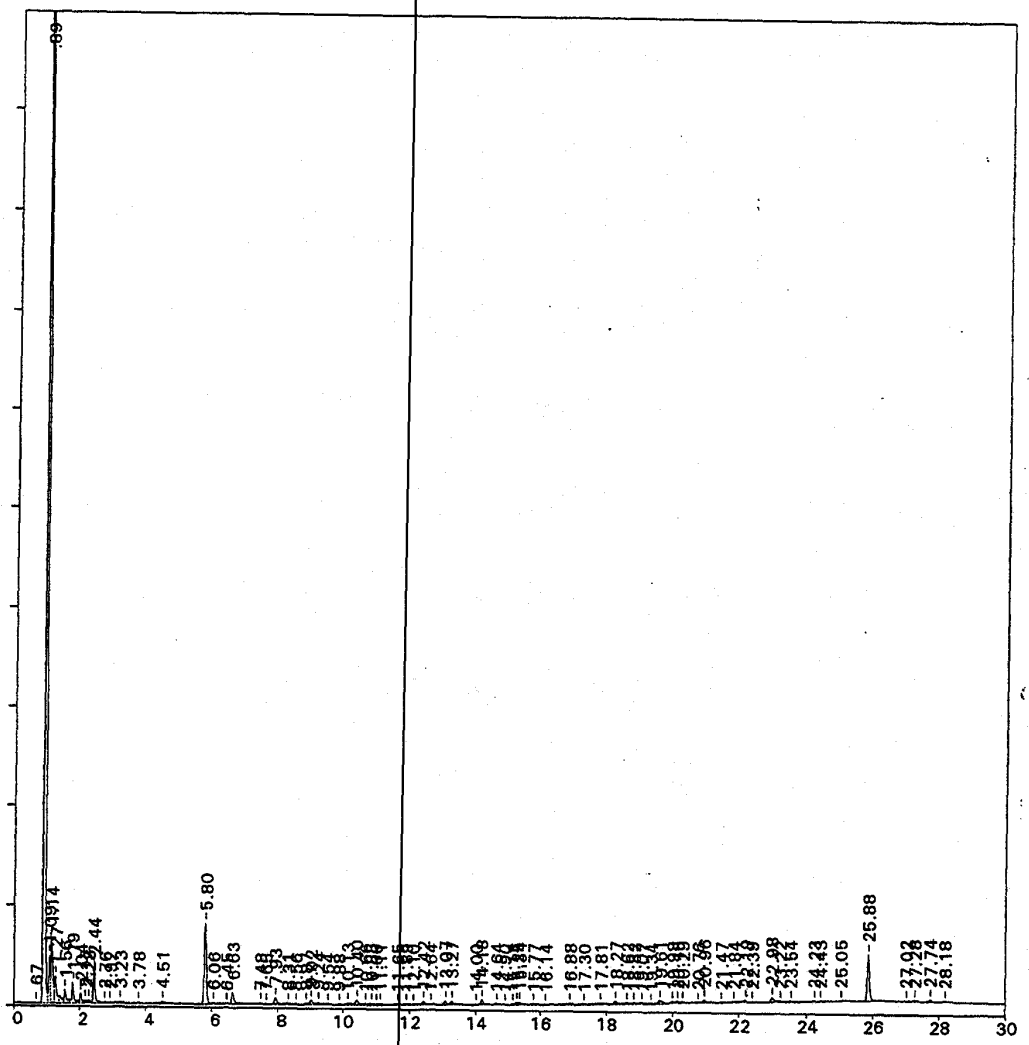
Matrix(soil/water) : TCLP
Sample(wt/vol) : 1000 (g/mL) mL
Level(low/med) : LOW
% Moisture(not dec): ---
Extraction(Sepf/Conc/Sonc) SEPF
GPC Cleanup (Y/N): N pH: ---
Final Extraction Volume: 10 mL

Lab Sample ID : 9883-1
Lab File ID :
Date Received : 09/16/94
Date Extracted : 09/16/94
Date Analyzed : 09/19/94
Dilution Factor: 1.0

Cas No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
58-89-9	gamma-BHC(Lindane)	1.0	U
76-44-8	Heptachlor	1.0	U
1024-57-3	Heptachlor Epoxide	1.0	U
72-20-8	Endrin	1.0	U
72-43-5	Methoxychlor	1.8	U
57-74-9	Chlordane	1.0	U
8001-35-2	Toxaphene	2.4	U

FORM I PEST 1/87 Rev.

File=H:\CP2\HP7\G0919B.11R Date printed=09-19-1994 Time= 16:45:27
Sample Name=9883-1 ANN94TR00101
0.0 to 30.0 min. Low Y=-0.811 High Y=199.189 mv Span=200.0



Primary Column

50005

RTx1701
150C---6/MIN---275C
Data file = H:\CP2\HP7\G0919B.11R
Date stamp = 09/19/94 Time = 16:45:00
Sample name = 9883-1 ANN94TR00101
Collected on Sep 19, 1994 16:45:01 from port # 6
Operator = DC
Sequence file = HP70919.SEQ #12
Instrument = HP7--DetB
Method name = H:\CP2\HP7\HP78080B.MET version # 185
Date method last modified = 09/19/94 Time = 13:24:06
Calibration file = H:\CP2\HP7\HP7TLB21.CAL version # 4
Date cal file last modified = 09/19/94 Time = 12:04:12
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .03 minutes
Chrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 16:45:35

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.671		0.0000	0.0000%	477.0	0.033%	BB	0.113	70.10	0.0196%
2	0.887		0.0000	0.0000%	1,033,830.9	71.236%	BV	0.064	267,936.53	74.8505%
3	1.086		0.0000	0.0000%	30,967.6	2.134%	VV	0.055	9,383.96	2.6215%
4	1.144		0.0000	0.0000%	52,174.7	3.595%	VV	0.065	13,352.51	3.7301%
5	1.265		0.0000	0.0000%	22,192.1	1.529%	VV	0.070	5,270.42	1.4723%
6	1.561		0.0000	0.0000%	10,441.6	0.719%	VV	0.067	2,604.46	0.7276%
7	1.795		0.0000	0.0000%	16,318.2	1.124%	VV	0.067	4,029.61	1.1257%
8	2.036		0.0000	0.0000%	7,026.4	0.484%	VV	0.067	1,747.27	0.4881%
9	2.172		0.0000	0.0000%	2,249.6	0.155%	VV	0.078	479.46	0.1339%
10	2.284		0.0000	0.0000%	1,885.9	0.130%	VV	0.077	406.85	0.1137%
11	2.440		0.0000	0.0000%	24,690.6	1.701%	VV	0.059	6,999.17	1.9553%
12	2.763		0.0000	0.0000%	982.6	0.068%	VV	0.088	185.34	0.0518%
13	2.918		0.0000	0.0000%	326.5	0.022%	VB	0.071	76.63	0.0214%
14	3.229		0.0000	0.0000%	547.4	0.038%	BB	0.052	176.10	0.0492%
15	3.775		0.0000	0.0000%	737.1	0.051%	BB	0.105	117.30	0.0328%
16	4.507		0.0000	0.0000%	2,990.8	0.206%	BB	0.133	375.52	0.1049%
17	5.803	m-XYLENE	0.1026	31.7541%	77,352.6	5.330%	BV	0.080	16,148.27	4.5112%
18	6.055		0.0000	0.0000%	1,094.7	0.075%	VB	0.124	147.06	0.0411%
19	6.452		0.0000	0.0000%	360.8	0.025%	BB	0.089	67.88	0.0190%
20	6.634		0.0000	0.0000%	12,171.7	0.839%	BB	0.091	2,222.66	0.6209%
21	7.477		0.0000	0.0000%	1,354.9	0.093%	BV	0.158	143.04	0.0400%
22	7.651		0.0000	0.0000%	995.3	0.069%	VB	0.086	193.68	0.0541%
23	7.933		0.0000	0.0000%	6,374.1	0.439%	BV	0.091	1,171.39	0.3272%
24	8.312		0.0000	0.0000%	1,191.5	0.082%	VV	0.149	133.63	0.0373%
25	8.557		0.0000	0.0000%	464.4	0.032%	VV	0.114	67.96	0.0190%
26	8.866		0.0000	0.0000%	999.5	0.069%	VV	0.087	191.39	0.0535%
27	9.021		0.0000	0.0000%	5,039.1	0.347%	VV	0.100	838.15	0.2341%
28	9.240		0.0000	0.0000%	2,162.6	0.149%	VV	0.105	344.61	0.0963%
29	9.535		0.0000	0.0000%	448.6	0.031%	VB	0.102	73.63	0.0206%
30	9.881		0.0000	0.0000%	200.5	0.014%	BB	0.075	44.74	0.0125%
31	10.128		0.0000	0.0000%	1,111.5	0.077%	BV	0.075	248.48	0.0694%
32	10.401		0.0000	0.0000%	4,430.9	0.305%	VV	0.090	822.96	0.2299%
33	10.659		0.0000	0.0000%	634.0	0.044%	VV	0.074	143.63	0.0401%
34	10.854		0.0000	0.0000%	2,026.4	0.140%	VV	0.139	243.82	0.0681%
35	10.997		0.0000	0.0000%	922.2	0.064%	VV	0.104	147.30	0.0411%
36	11.106		0.0000	0.0000%	778.2	0.054%	VB	0.076	171.73	0.0480%
37	11.645		0.0000	0.0000%	453.1	0.031%	BV	0.072	104.24	0.0291%

60919B.11R
Jm
9-20-94

38	11.892		0.0000	0.0000%	1,554.9	0.107%	VV	0.138	188.25	0.0526%
39	12.098		0.0000	0.0000%	550.2	0.038%	VB	0.104	88.07	0.0246%
40	12.419		0.0000	0.0000%	2,682.4	0.185%	BV	0.082	547.94	0.1531%
41	12.635		0.0000	0.0000%	1,055.6	0.073%	VB	0.143	123.22	0.0344%
42	13.074		0.0000	0.0000%	3,219.0	0.222%	BV	0.082	657.94	0.1838%
43	13.270		0.0000	0.0000%	2,631.9	0.181%	VB	0.078	559.95	0.1564%
44	14.003		0.0000	0.0000%	1,208.3	0.083%	BB	0.108	186.56	0.0521%
45	14.184		0.0000	0.0000%	4,138.4	0.285%	BB	0.078	884.40	0.2471%
46	14.637		0.0000	0.0000%	2,068.3	0.143%	BV	0.146	235.54	0.0658%
47	14.897		0.0000	0.0000%	782.4	0.054%	VB	0.108	120.22	0.0336%
48	15.132		0.0000	0.0000%	815.5	0.056%	BV	0.076	178.71	0.0499%
49	15.253		0.0000	0.0000%	2,111.3	0.145%	VV	0.081	434.51	0.1214%
50	15.338	Hept. Epox.	0.0034	1.0654%	2,761.2	0.190%	VB	0.109	422.58	0.1181%
51	15.771		0.0000	0.0000%	874.7	0.060%	BV	0.125	116.91	0.0327%
52	16.138		0.0000	0.0000%	776.2	0.053%	VB	0.130	99.54	0.0278%
53	16.878		0.0000	0.0000%	1,457.7	0.100%	BV	0.135	179.94	0.0503%
54	17.298		0.0000	0.0000%	1,398.1	0.096%	VB	0.139	167.29	0.0467%
55	17.810		0.0000	0.0000%	2,494.6	0.172%	BV	0.230	180.99	0.0506%
56	18.273		0.0000	0.0000%	3,824.9	0.264%	VV	0.104	611.04	0.1707%
57	18.615		0.0000	0.0000%	1,434.8	0.099%	VV	0.129	185.19	0.0517%
58	18.817		0.0000	0.0000%	1,261.2	0.087%	VV	0.120	175.54	0.0490%
59	19.071	TOX #2	0.0525	16.2367%	808.6	0.056%	VV	0.113	119.08	0.0333%
60	19.337		0.0000	0.0000%	524.5	0.036%	VV	0.092	94.64	0.0264%
61	19.613		0.0000	0.0000%	5,764.8	0.397%	VB	0.145	663.68	0.1854%
62	19.984		0.0000	0.0000%	1,697.9	0.117%	BV	0.099	284.85	0.0796%
63	20.152		0.0000	0.0000%	2,191.3	0.151%	VV	0.106	345.65	0.0966%
64	20.294		0.0000	0.0000%	1,053.7	0.073%	VB	0.065	271.02	0.0757%
65	20.758		0.0000	0.0000%	432.9	0.030%	BB	0.103	70.35	0.0197%
66	20.956		0.0000	0.0000%	2,488.4	0.171%	BB	0.077	537.65	0.1502%
67	21.470		0.0000	0.0000%	1,354.5	0.093%	BB	0.160	140.85	0.0393%
68	21.835	TOX #4	0.0904	27.9760%	779.4	0.054%	BB	0.095	137.33	0.0384%
69	22.193	METHOXYCHLOR	0.0106	3.2722%	2,306.2	0.159%	BB	0.123	311.39	0.0870%
70	22.393		0.0000	0.0000%	1,705.0	0.117%	BB	0.179	158.68	0.0443%
71	22.981		0.0000	0.0000%	5,393.5	0.372%	BB	0.102	881.04	0.2461%
72	23.218		0.0000	0.0000%	308.1	0.021%	BB	0.081	63.44	0.0177%
73	23.539		0.0000	0.0000%	2,267.3	0.156%	BB	0.169	224.25	0.0626%
74	24.233		0.0000	0.0000%	539.9	0.037%	BB	0.226	39.85	0.0111%
75	24.433		0.0000	0.0000%	1,089.4	0.075%	BB	0.103	176.29	0.0492%
76	25.045		0.0000	0.0000%	474.0	0.033%	BB	0.146	53.97	0.0151%
77	25.879	DCB	0.0636	19.6956%	46,764.9	3.222%	BB	0.084	9,288.10	2.5947%
78	27.018		0.0000	0.0000%	557.8	0.038%	BB	0.129	72.35	0.0202%
79	27.280		0.0000	0.0000%	1,609.1	0.111%	BB	0.137	195.35	0.0546%
80	27.740		0.0000	0.0000%	2,798.4	0.193%	BB	0.105	442.19	0.1235%
81	28.183		0.0000	0.0000%	861.4	0.059%	BB	0.087	164.43	0.0459%

Total area = 1451278 Total amount = .323164 Sample units = ug/mL Total height = 357962.1

********** PESTICIDE/PCB ANALYSIS **********

```
*
* TODAY'S DATE....09-20-1994          TIME.....08:16:56
* RAW DATA FILE NAME..H:\CP2\HP7\G0919B.11R
* SAMPLE NAME.....9883-1 ANN94TR00101
* DATE TAKEN..Sep 19, 1994  16:45:01
* METHOD FILE.....H:\CP2\HP7\HP78080B.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLB21.CAL
* INSTRUMENT...... HP7--DetB                    OPERATOR.... DC
* RUN TIME........ 30
* AREA REJECT..... 0                COM PORT....  6
* SAMPLE WEIGHT... 1                DIL Factor.. 1
* Amount Injected  1                Int Std Amt . 1
*****************************************************************
```

********** PEAKS DETECTED IN THIS CHROMATOGRAM **********

Peak #	Ret Time (min)	Peak Area	Peak Name	RESPONSE UG/ML	Surrogate % Recovery	AMOUNT UG/L	CF
17	5.803	77353	m-XYLENE	0.1026	102.62	1.0262	753792
50	15.338	2761	Hept. Epox	0.0034	3.44	0.0344	802023
59	19.071	809	TOX #2	0.0525	52.47	0.5247	15411
68	21.835	779	TOX #4	0.0904	90.41	0.9041	8621
69	22.193	2306	METHOXYCHL	0.0106	10.57	0.1057	218093
77	25.879	46765	DCB	0.0636	63.65	0.6365	734731

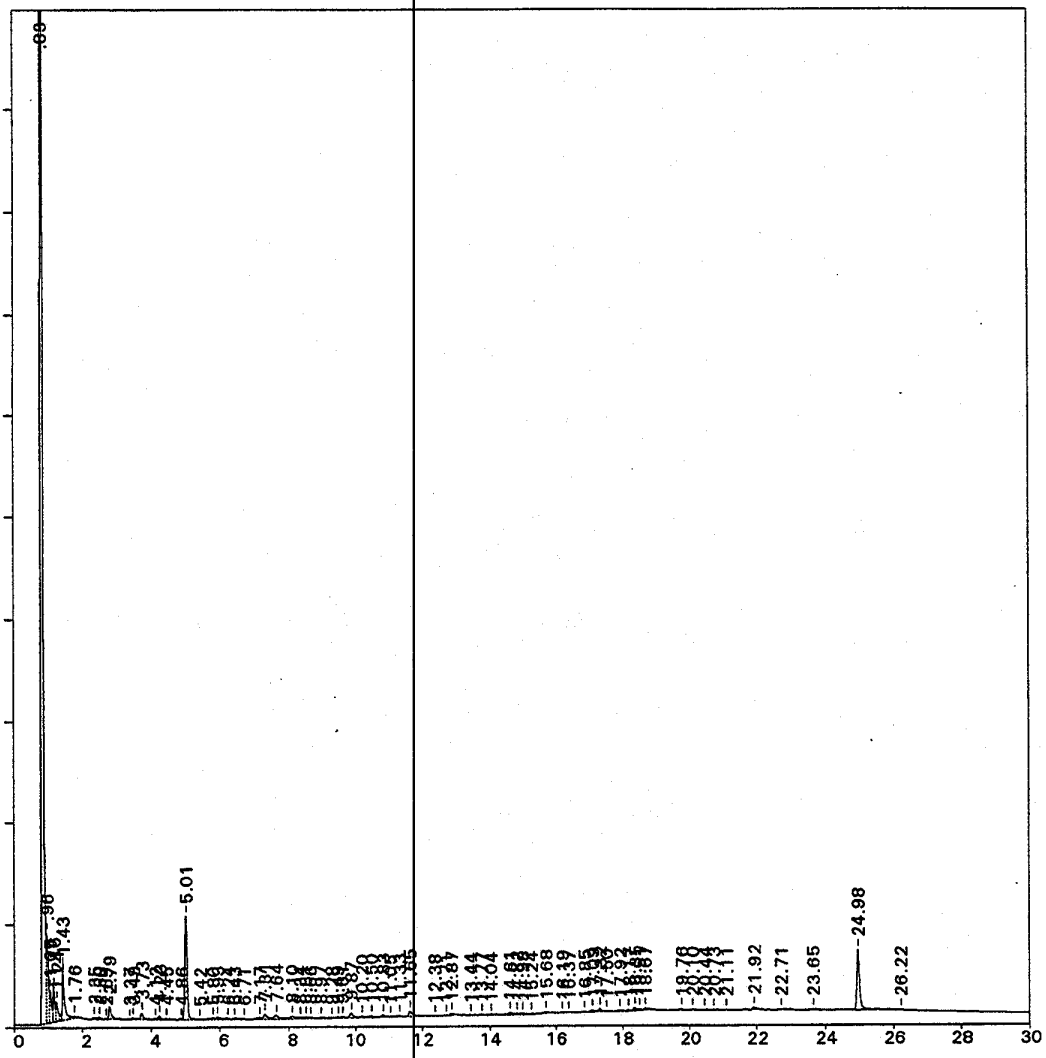
Checked by PdL Date 9-20-94 Datard Jm Date 9-20-94

____<CRL

_____NOT CONFIRM

PRIMARY COLUMN

ile=H:\CP2\HP7\G0919.11R Date printed=09-19-1994 Time= 16:45:06
ample Name=9883-1 ANN94TR00101
.0 to 30.0 min. Low Y=-0.739 High Y=199.261 mv Span=200.0



Confirmation Only

50009

RTx5
150C---6/MIN---275C
Data file = H:\CP2\HP7\G0919.11R
Date stamp = 09/19/94 Time = 16:45:00
Sample name = 9883-1 ANN94TR00101
Collected on Sep 19, 1994 16:45:01 from port # 5
Operator = DC
Sequence file = HP70919.SEQ #12
Instrument = HP7--DET 7A
Method name = H:\CP2\HP7\HP78080.MET version # 52
Date method last modified = 09/19/94 Time = 13:23:44
Calibration file = H:\CP2\HP7\HP7TLP21.CAL version # 3
Date cal file last modified = 09/19/94 Time = 13:05:18
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .02 minutes
Chrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 16:45:14

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.830		0.0000	0.0000%	1,421,052.9	74.254%	BV	0.069	343,704.34	77.7771%
2	0.961		0.0000	0.0000%	71,220.9	3.721%	VV	0.068	17,559.94	3.9737%
3	1.049		0.0000	0.0000%	24,178.8	1.263%	VV	0.062	6,455.60	1.4608%
4	1.161		0.0000	0.0000%	23,892.4	1.248%	VV	0.060	6,656.27	1.5063%
5	1.243		0.0000	0.0000%	15,615.9	0.816%	VV	0.067	3,912.39	0.8853%
6	1.428		0.0000	0.0000%	45,306.0	2.367%	VV	0.073	10,319.53	2.3352%
7	1.763		0.0000	0.0000%	1,708.0	0.089%	VB	0.071	403.77	0.0914%
8	2.354		0.0000	0.0000%	1,605.9	0.084%	BV	0.083	323.00	0.0731%
9	2.496		0.0000	0.0000%	2,498.2	0.131%	VB	0.102	407.90	0.0923%
10	2.693		0.0000	0.0000%	421.9	0.022%	BV	0.056	124.52	0.0282%
11	2.795		0.0000	0.0000%	11,861.1	0.620%	VB	0.083	2,374.23	0.5373%
12	3.371		0.0000	0.0000%	620.8	0.032%	BV	0.099	104.31	0.0236%
13	3.486		0.0000	0.0000%	1,589.8	0.083%	VV	0.100	264.66	0.0599%
14	3.731		0.0000	0.0000%	7,838.4	0.410%	VV	0.103	1,269.91	0.2874%
15	4.118		0.0000	0.0000%	1,044.8	0.055%	VV	0.077	226.35	0.0512%
16	4.228		0.0000	0.0000%	3,633.7	0.190%	VB	0.083	727.34	0.1646%
17	4.445		0.0000	0.0000%	512.1	0.027%	BB	0.067	127.10	0.0288%
18	4.861		0.0000	0.0000%	1,033.6	0.054%	BV	0.068	254.90	0.0577%
19	5.006	m-XYLENE	0.1045	25.2530%	102,251.8	5.343%	VV	0.085	20,080.56	4.5440%
20	5.423		0.0000	0.0000%	966.6	0.051%	VV	0.124	130.26	0.0295%
21	5.800		0.0000	0.0000%	3,886.7	0.203%	VV	0.173	373.42	0.0845%
22	5.934		0.0000	0.0000%	2,659.1	0.139%	VV	0.100	444.50	0.1006%
23	6.237		0.0000	0.0000%	2,763.8	0.144%	VV	0.156	295.21	0.0668%
24	6.434		0.0000	0.0000%	1,474.2	0.077%	VV	0.106	231.10	0.0523%
25	6.712		0.0000	0.0000%	1,024.3	0.054%	VB	0.141	121.07	0.0274%
26	7.174		0.0000	0.0000%	2,949.4	0.154%	BV	0.155	316.82	0.0717%
27	7.307		0.0000	0.0000%	7,784.8	0.407%	VV	0.132	979.59	0.2217%
28	7.642		0.0000	0.0000%	7,809.6	0.408%	VV	0.165	790.42	0.1789%
29	8.104		0.0000	0.0000%	4,376.5	0.229%	VV	0.135	541.76	0.1226%
30	8.343		0.0000	0.0000%	1,965.1	0.103%	VV	0.134	243.70	0.0551%
31	8.512		0.0000	0.0000%	2,162.8	0.113%	VV	0.105	343.96	0.0778%
32	8.663		0.0000	0.0000%	1,289.1	0.067%	VV	0.112	192.42	0.0435%
33	8.965		0.0000	0.0000%	1,640.4	0.086%	VV	0.140	195.30	0.0442%
34	9.283		0.0000	0.0000%	525.2	0.027%	VB	0.111	78.86	0.0178%
35	9.488		0.0000	0.0000%	845.4	0.044%	BV	0.091	154.02	0.0349%
36	9.610		0.0000	0.0000%	1,893.5	0.099%	VV	0.124	254.69	0.0576%
37	9.870		0.0000	0.0000%	7,623.3	0.398%	VV	0.137	924.59	0.2092%

60919-11R
Jm
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38	10.201		0.0000	0.0000%	2,086.6	0.109%	VV	0.132	263.41	0.0596%
39	10.496	Heptachlor	0.0026	0.6316%	1,915.7	0.100%	VB	0.093	344.11	0.0779%
40	10.831		0.0000	0.0000%	3,153.5	0.165%	BV	0.112	468.43	0.1060%
41	11.052		0.0000	0.0000%	960.1	0.050%	VV	0.143	111.77	0.0253%
42	11.327		0.0000	0.0000%	1,663.5	0.087%	VB	0.134	206.45	0.0467%
43	11.645		0.0000	0.0000%	7,474.1	0.391%	BB	0.118	1,056.41	0.2391%
44	12.382		0.0000	0.0000%	350.2	0.018%	BB	0.124	46.99	0.0106%
45	12.711		0.0000	0.0000%	625.0	0.033%	BB	0.112	93.41	0.0211%
46	12.874	CHLOR #1	0.0725	17.5099%	2,420.7	0.126%	BB	0.110	366.53	0.0829%
47	13.435	CHLOR #2	0.0134	3.2493%	158.3	0.008%	BB	0.080	32.86	0.0074%
48	13.768		0.0000	0.0000%	811.2	0.042%	BB	0.164	82.44	0.0187%
49	14.040		0.0000	0.0000%	210.0	0.011%	BB	0.083	41.99	0.0095%
50	14.612	CHLOR #5	0.0441	10.6563%	3,955.9	0.207%	BV	0.155	426.50	0.0965%
51	14.821		0.0000	0.0000%	1,458.8	0.076%	VV	0.110	220.55	0.0499%
52	14.983		0.0000	0.0000%	2,124.2	0.111%	VV	0.158	223.49	0.0506%
53	15.237		0.0000	0.0000%	638.6	0.033%	VB	0.098	108.12	0.0245%
54	15.680		0.0000	0.0000%	1,927.1	0.101%	BB	0.116	275.75	0.0624%
55	16.188		0.0000	0.0000%	498.6	0.026%	BV	0.087	95.34	0.0216%
56	16.368		0.0000	0.0000%	399.2	0.021%	VB	0.139	47.71	0.0108%
57	16.852		0.0000	0.0000%	720.8	0.038%	BV	0.078	154.79	0.0350%
58	17.086		0.0000	0.0000%	2,878.0	0.150%	VV	0.105	457.52	0.1035%
59	17.315		0.0000	0.0000%	4,568.7	0.239%	VV	0.130	587.13	0.1329%
60	17.497		0.0000	0.0000%	1,514.8	0.079%	VV	0.146	172.75	0.0391%
61	17.915		0.0000	0.0000%	1,155.1	0.060%	VV	0.128	150.23	0.0340%
62	18.173	TOX #4	0.1177	28.4480%	986.6	0.052%	VB	0.079	208.03	0.0471%
63	18.354		0.0000	0.0000%	3,085.2	0.161%	BV	0.092	559.25	0.1266%
64	18.505		0.0000	0.0000%	1,570.1	0.082%	VB	0.106	247.47	0.0560%
65	18.673		0.0000	0.0000%	1,794.7	0.094%	BB	0.098	306.29	0.0693%
66	19.763		0.0000	0.0000%	937.4	0.049%	BV	0.088	177.36	0.0401%
67	20.102		0.0000	0.0000%	762.3	0.040%	VV	0.228	55.84	0.0126%
68	20.443		0.0000	0.0000%	1,181.7	0.062%	VV	0.133	147.93	0.0335%
69	20.726		0.0000	0.0000%	1,791.1	0.094%	VV	0.198	150.81	0.0341%
70	21.107		0.0000	0.0000%	367.0	0.019%	VB	0.115	52.98	0.0120%
71	21.923		0.0000	0.0000%	957.8	0.050%	BB	0.068	236.08	0.0534%
72	22.713		0.0000	0.0000%	242.6	0.013%	BB	0.100	40.53	0.0092%
73	23.650		0.0000	0.0000%	989.8	0.052%	BB	0.105	157.03	0.0355%
74	24.981	DCB	0.0590	14.2519%	63,469.7	3.316%	BB	0.092	11,551.11	2.6139%
75	26.221		0.0000	0.0000%	443.3	0.023%	BB	0.098	75.53	0.0171%

Total area = 1913775 Total amount = .4138224 Sample units = ug/mL Total height = 441909.3

********** PESTICIDE/PCB ANALYSIS **********

```
*
* TODAY'S DATE....09-20-1994          TIME.....08:18:31
* RAW DATA FILE NAME..H:\CP2\HP7\G0919.11R
* SAMPLE NAME.....9883-1 ANN94TR00101
* DATE TAKEN..Sep 19, 1994  16:45:01
* METHOD FILE.....H:\CP2\HP7\HP78080.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLP21.CAL
* INSTRUMENT...... HP7--DET 7A                OPERATOR.... DC
* RUN TIME........ 30
* AREA REJECT..... 0                COM PORT....  5
* SAMPLE WEIGHT... 1                DIL Factor.. 1
* Amount Injected  1                Int Std Amt . 1
*****************************************************************
```

********** PEAKS DETECTED IN THIS CHROMATOGRAM **********

Peak #	Ret Time (min)	Peak Area	Peak Name	RESPONSE UG/ML	Surrogate % Recovery	AMOUNT UG/L	CF
19	5.006	102252	m-XYLENE	0.1045	104.50	1.0450	978461
39	10.496	1916	Heptachlor	0.0026	2.61	0.0261	732907
46	12.874	2421	CHLOR #1	0.0725	72.46	0.7246	33407
47	13.435	158	CHLOR #2	0.0134	13.45	0.1345	11776
50	14.612	3956	CHLOR #5	0.0441	44.10	0.4410	89706
62	18.173	987	TOX #4	0.1177	117.72	1.1772	8381
74	24.981	63470	DCB	0.0590	58.98	0.5898	1076164

Checked by [signature] Date 9-20-94 Datard [signature] Date 9-20-94

____<CRL

_____NOT CONFIRM

CONFIRMATION COLUMN

1D
TCLP PESTICIDE ORGANIC ANALYSIS

Customer Sample No.

ANN94TR00201

Lab Name: ARDL, Inc.
Lab Code: _____ Case No.: 9883

Contract: ANNETTE ISLAND
SAS No.: _____ SDG No.:

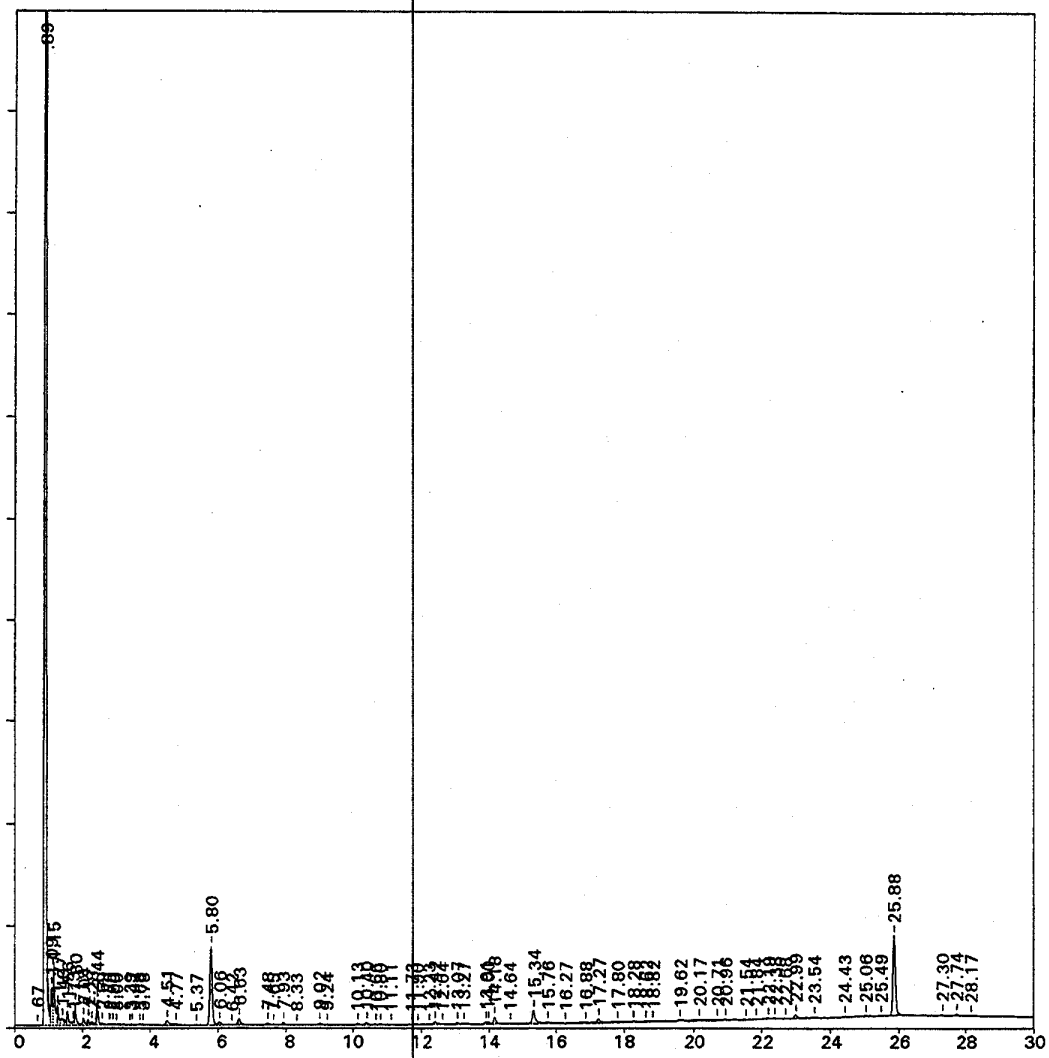
Matrix(soil/water) : TCLP
Sample(wt/vol) : 1000 (g/mL) mL
Level(low/med) : LOW
% Moisture(not dec): ---
Extraction(Sepf/Conc/Sonc) SEPF
GPC Cleanup (Y/N): N pH: ---
Final Extraction Volume: 10 mL

Lab Sample ID : 9883-2
Lab File ID :
Date Received : 09/16/94
Date Extracted : 09/16/94
Date Analyzed : 09/19/94
Dilution Factor: 1.0

Cas No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
58-89-9	gamma-BHC(Lindane)	1.0	U
76-44-8	Heptachlor	1.0	U
1024-57-3	Heptachlor Epoxide	1.0	U
72-20-8	Endrin	1.0	U
72-43-5	Methoxychlor	1.8	U
57-74-9	Chlordane	1.0	U
8001-35-2	Toxaphene	2.4	U

FORM I PEST 1/87 Rev.

File=H:\CP2\HP7\G0919B.12R Date printed=09-19-1994 Time= 17:18:44
Sample Name=9883-2 ANN94TR00201
0.0 to 30.0 min. Low Y=-0.701 High Y=199.299 mv Span=200.0



Primary Column

50014

RTx1701
150C---6/MIN---275C
Data file = H:\CP2\HP7\G0919B.12R
Date stamp = 09/19/94 Time = 17:18:18
Sample name = 9883-2 ANN94TR00201
Collected on Sep 19, 1994 17:18:18 from port # 6
Operator = DC
Sequence file = HP70919.SEQ #13
Instrument = HP7--DetB
Method name = H:\CP2\HP7\HP78080B.MET version # 185
Date method last modified = 09/19/94 Time = 13:24:06
Calibration file = H:\CP2\HP7\HP7TLB21.CAL version # 4
Date cal file last modified = 09/19/94 Time = 12:04:12
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .03 minutes
Chrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 17:18:52

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.672		0.0000	0.0000%	182.0	0.012%	BB	0.067	45.48	0.0113%
2	0.888		0.0000	0.0000%	1,163,075.9	74.934%	BV	0.062	314,148.09	78.3982%
3	1.086		0.0000	0.0000%	23,107.4	1.489%	VV	0.052	7,341.11	1.8320%
4	1.145		0.0000	0.0000%	38,546.7	2.483%	VV	0.061	10,487.66	2.6173%
5	1.268		0.0000	0.0000%	12,779.0	0.823%	VV	0.056	3,783.96	0.9443%
6	1.399		0.0000	0.0000%	7,116.2	0.458%	VV	0.091	1,299.44	0.3243%
7	1.561		0.0000	0.0000%	8,930.8	0.575%	VV	0.056	2,637.51	0.6582%
8	1.731		0.0000	0.0000%	2,286.0	0.147%	VV	0.062	616.11	0.1538%
9	1.795		0.0000	0.0000%	12,974.6	0.836%	VV	0.052	4,184.02	1.0442%
10	2.037		0.0000	0.0000%	5,023.1	0.324%	VV	0.064	1,316.21	0.3285%
11	2.174		0.0000	0.0000%	3,375.5	0.217%	VV	0.053	1,061.32	0.2649%
12	2.285		0.0000	0.0000%	2,553.4	0.165%	VV	0.072	587.15	0.1465%
13	2.441		0.0000	0.0000%	14,867.8	0.958%	VV	0.054	4,599.83	1.1479%
14	2.590		0.0000	0.0000%	1,561.4	0.101%	VV	0.087	298.22	0.0744%
15	2.787		0.0000	0.0000%	633.3	0.041%	VV	0.058	182.86	0.0456%
16	2.896		0.0000	0.0000%	610.4	0.039%	VV	0.066	155.12	0.0387%
17	2.997		0.0000	0.0000%	681.7	0.044%	VB	0.094	120.81	0.0301%
18	3.388		0.0000	0.0000%	541.6	0.035%	BV	0.060	150.29	0.0375%
19	3.468		0.0000	0.0000%	739.5	0.048%	VB	0.058	210.75	0.0526%
20	3.682		0.0000	0.0000%	421.2	0.027%	BV	0.050	141.17	0.0352%
21	3.783		0.0000	0.0000%	617.0	0.040%	VB	0.071	145.03	0.0362%
22	4.505		0.0000	0.0000%	6,657.6	0.429%	BV	0.127	873.11	0.2179%
23	4.774		0.0000	0.0000%	1,944.5	0.125%	VB	0.124	261.75	0.0653%
24	5.371		0.0000	0.0000%	194.3	0.013%	BB	0.070	46.31	0.0116%
25	5.803	m-XYLENE	0.0939	32.3502%	70,814.4	4.562%	BV	0.077	15,365.12	3.8345%
26	6.056		0.0000	0.0000%	4,098.3	0.264%	VV	0.122	560.70	0.1399%
27	6.421		0.0000	0.0000%	415.8	0.027%	VB	0.101	68.45	0.0171%
28	6.634		0.0000	0.0000%	6,324.8	0.407%	BB	0.088	1,199.64	0.2994%
29	7.478		0.0000	0.0000%	2,240.1	0.144%	BV	0.094	397.57	0.0992%
30	7.650		0.0000	0.0000%	955.2	0.062%	VB	0.080	199.83	0.0499%
31	7.935		0.0000	0.0000%	2,908.7	0.187%	BV	0.089	544.71	0.1359%
32	8.327		0.0000	0.0000%	340.3	0.022%	VB	0.096	59.31	0.0148%
33	9.022		0.0000	0.0000%	1,720.2	0.111%	BV	0.087	329.23	0.0822%
34	9.242		0.0000	0.0000%	604.0	0.039%	VB	0.075	133.65	0.0334%
35	10.126		0.0000	0.0000%	751.7	0.048%	BV	0.072	173.12	0.0432%
36	10.399		0.0000	0.0000%	2,101.4	0.135%	VB	0.088	396.05	0.0988%
37	10.657		0.0000	0.0000%	268.6	0.017%	BV	0.060	74.37	0.0186%

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Jm
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38	10.797		0.0000	0.0000%	981.3	0.063%	VV	0.142	114.92	0.0287%
39	11.105		0.0000	0.0000%	342.1	0.022%	VB	0.066	85.82	0.0214%
40	11.728		0.0000	0.0000%	401.2	0.026%	BB	0.130	51.58	0.0129%
41	11.895		0.0000	0.0000%	167.3	0.011%	BB	0.085	32.63	0.0081%
42	12.234		0.0000	0.0000%	350.2	0.023%	BV	0.073	79.73	0.0199%
43	12.416		0.0000	0.0000%	3,021.8	0.195%	VV	0.103	488.22	0.1218%
44	12.637		0.0000	0.0000%	856.9	0.055%	VB	0.131	108.78	0.0271%
45	13.073		0.0000	0.0000%	1,984.9	0.128%	BV	0.087	378.23	0.0944%
46	13.272		0.0000	0.0000%	1,048.9	0.068%	VB	0.079	221.09	0.0552%
47	13.913		0.0000	0.0000%	1,965.8	0.127%	BV	0.082	400.69	0.1000%
48	13.997		0.0000	0.0000%	1,895.7	0.122%	VV	0.082	387.20	0.0966%
49	14.182		0.0000	0.0000%	8,151.9	0.525%	VB	0.098	1,380.20	0.3444%
50	14.635		0.0000	0.0000%	557.4	0.036%	BB	0.099	93.80	0.0234%
51	15.336	Hept. Epox.	0.0215	7.4014%	17,238.3	1.111%	BV	0.113	2,552.04	0.6369%
52	15.755		0.0000	0.0000%	1,852.1	0.119%	VB	0.126	245.77	0.0613%
53	16.269		0.0000	0.0000%	902.6	0.058%	BV	0.163	92.34	0.0230%
54	16.877		0.0000	0.0000%	1,215.1	0.078%	VV	0.206	98.29	0.0245%
55	17.268		0.0000	0.0000%	4,122.4	0.266%	VB	0.090	764.63	0.1908%
56	17.803		0.0000	0.0000%	871.6	0.056%	BV	0.176	82.46	0.0206%
57	18.275		0.0000	0.0000%	1,147.4	0.074%	VB	0.128	149.83	0.0374%
58	18.620		0.0000	0.0000%	383.1	0.025%	BV	0.094	68.13	0.0170%
59	18.820		0.0000	0.0000%	253.5	0.016%	VB	0.084	50.02	0.0125%
60	19.619		0.0000	0.0000%	392.0	0.025%	BB	0.065	101.30	0.0253%
61	20.172		0.0000	0.0000%	3,463.3	0.223%	BV	0.213	271.17	0.0677%
62	20.709		0.0000	0.0000%	881.0	0.057%	VB	0.101	145.80	0.0364%
63	20.956		0.0000	0.0000%	739.9	0.048%	BB	0.072	172.05	0.0429%
64	21.543		0.0000	0.0000%	684.9	0.044%	BB	0.161	71.07	0.0177%
65	21.839	TOX #4	0.0612	21.0880%	527.9	0.034%	BB	0.107	82.04	0.0205%
66	22.193	METHOXYCHLOR	0.0049	1.6726%	1,059.3	0.068%	BB	0.098	180.73	0.0451%
67	22.382		0.0000	0.0000%	401.3	0.026%	BB	0.067	99.73	0.0249%
68	22.682		0.0000	0.0000%	171.7	0.011%	BB	0.075	38.41	0.0096%
69	22.992		0.0000	0.0000%	4,024.0	0.259%	BB	0.103	648.32	0.1618%
70	23.542		0.0000	0.0000%	1,462.9	0.094%	BB	0.146	167.33	0.0418%
71	24.427		0.0000	0.0000%	1,004.9	0.065%	BB	0.105	160.08	0.0399%
72	25.055		0.0000	0.0000%	992.5	0.064%	BB	0.211	78.38	0.0196%
73	25.493		0.0000	0.0000%	261.8	0.017%	BB	0.066	66.38	0.0166%
74	25.876	DCB	0.1089	37.4879%	79,985.8	5.153%	BB	0.084	15,778.68	3.9377%
75	27.303		0.0000	0.0000%	1,106.6	0.071%	BB	0.117	158.01	0.0394%
76	27.735		0.0000	0.0000%	2,046.4	0.132%	BB	0.107	318.45	0.0795%
77	28.172		0.0000	0.0000%	243.7	0.016%	BB	0.083	49.07	0.0122%

Total area = 1552126 Total amount = .2903979 Sample units = ug/mL Total height = 400708.5

********** PESTICIDE/PCB ANALYSIS **********

```
*
* TODAY'S DATE....09-20-1994          TIME.....08:17:03
* RAW DATA FILE NAME..H:\CP2\HP7\G0919B.12R
* SAMPLE NAME.....9883-2 ANN94TR00201
* DATE TAKEN..Sep 19, 1994  17:18:18
* METHOD FILE.....H:\CP2\HP7\HP78080B.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLB21.CAL
* INSTRUMENT..... HP7--DetB                    OPERATOR.... DC
* RUN TIME........ 30
* AREA REJECT..... 0                 COM PORT....  6
* SAMPLE WEIGHT... 1                 DIL Factor.. 1
* Amount Injected  1                 Int Std Amt . 1
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********** PEAKS DETECTED IN THIS CHROMATOGRAM **********

Peak #	Ret Time (min)	Peak Area	Peak Name	RESPONSE UG/ML	Surrogate % Recovery	AMOUNT UG/L	CF
25	5.803	70814	m-XYLENE	0.0939	93.94	0.9394	753792
51	15.336	17238	Hept. Epox	0.0215	21.49	0.2149	802023
65	21.839	528	TOX #4	0.0612	61.24	0.6124	8621
66	22.193	1059	METHOXYCHL	0.0049	4.86	0.0486	218093
74	25.876	79986	DCB	0.1089	108.86	1.0886	734731

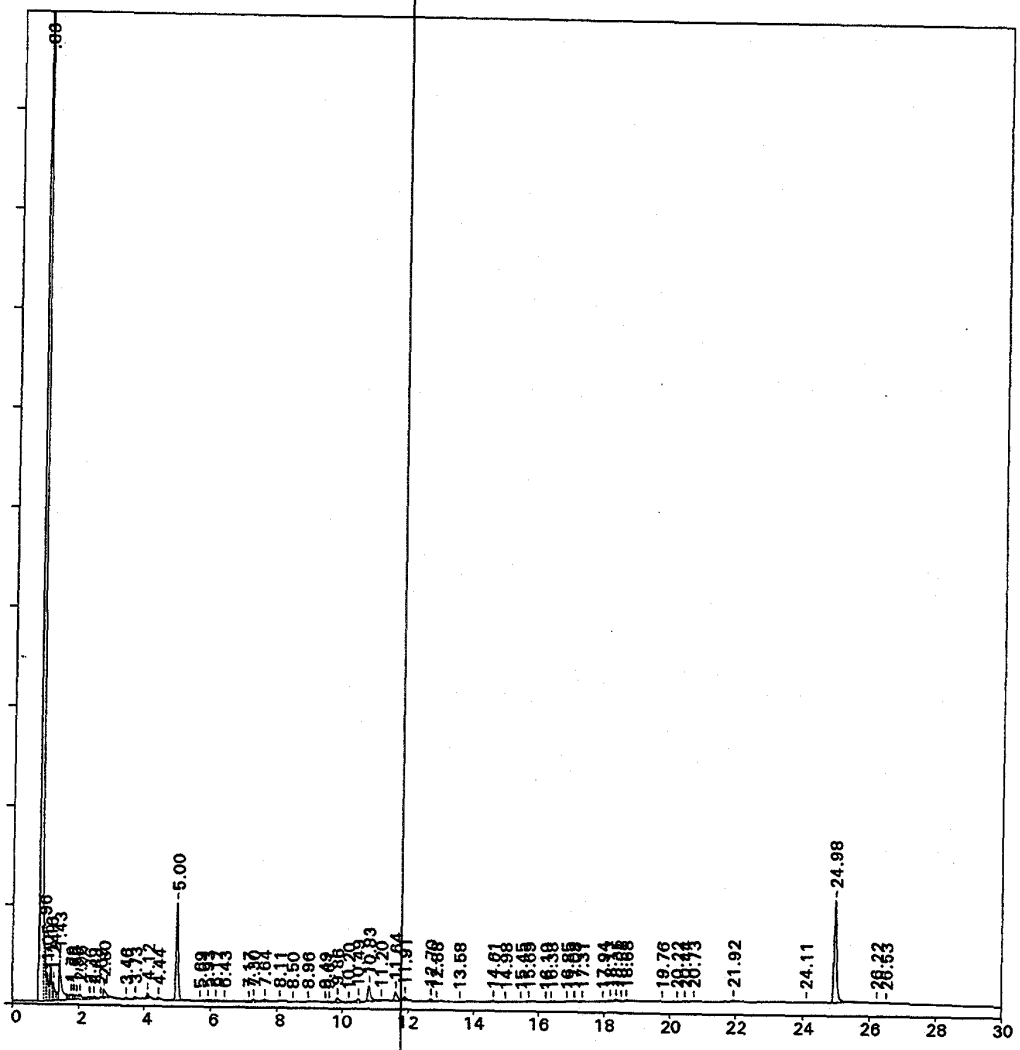
Checked by [illegible] Date 9-20-94 Datard [illegible] Date 9-20-94

____<CRL

_____NOT CONFIRM

PRIMARY COLUMN

File=H:\CP2\HP7\G0919.12R Date printed=09-19-1994 Time= 17:18:23
Sample Name=9883-2 ANN94TR00201
0.0 to 30.0 min. Low Y=-0.608 High Y=199.392 mv Span=200.0



Confirmation Only

50018

RTx5
150C---6/MIN---275C
Data file = H:\CP2\HP7\G0919.12R
Date stamp = 09/19/94 Time = 17:18:18
Sample name = 9883-2 ANN94TR00201
Collected on Sep 19, 1994 17:18:18 from port # 5
Operator = DC
Sequence file = HP70919.SEQ #13
Instrument = HP7--DET 7A
Method name = H:\CP2\HP7\HP78080.MET version # 52
Date method last modified = 09/19/94 Time = 13:23:44
Calibration file = H:\CP2\HP7\HP7TLP21.CAL version # 3
Date cal file last modified = 09/19/94 Time = 13:05:18
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .02 minutes
Chrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 17:18:31

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.830		0.0000	0.0000%	1,615,984.8	76.048%	BV	0.066	405,681.81	79.9393%
2	0.962		0.0000	0.0000%	50,347.6	2.369%	VV	0.061	13,860.37	2.7312%
3	1.052		0.0000	0.0000%	21,384.3	1.006%	VV	0.063	5,691.64	1.1215%
4	1.160		0.0000	0.0000%	26,996.9	1.270%	VV	0.062	7,265.05	1.4316%
5	1.244		0.0000	0.0000%	15,818.2	0.744%	VV	0.070	3,758.33	0.7406%
6	1.428		0.0000	0.0000%	43,160.1	2.031%	VV	0.089	8,048.27	1.5859%
7	1.790		0.0000	0.0000%	5,950.0	0.280%	VV	0.100	996.31	0.1963%
8	1.864		0.0000	0.0000%	4,038.9	0.190%	VV	0.072	934.52	0.1841%
9	1.957		0.0000	0.0000%	4,525.1	0.213%	VV	0.091	831.37	0.1638%
10	2.064		0.0000	0.0000%	6,515.7	0.307%	VV	0.108	1,009.39	0.1989%
11	2.356		0.0000	0.0000%	3,508.0	0.165%	VV	0.126	464.22	0.0915%
12	2.492		0.0000	0.0000%	2,499.8	0.118%	VB	0.102	407.86	0.0804%
13	2.690		0.0000	0.0000%	913.8	0.043%	BV	0.049	308.84	0.0609%
14	2.797		0.0000	0.0000%	9,909.2	0.466%	VB	0.098	1,688.84	0.3328%
15	3.463		0.0000	0.0000%	1,671.0	0.079%	BB	0.079	354.31	0.0698%
16	3.730		0.0000	0.0000%	1,499.0	0.071%	BB	0.057	440.78	0.0869%
17	4.117		0.0000	0.0000%	3,858.9	0.182%	BB	0.064	999.42	0.1969%
18	4.438		0.0000	0.0000%	1,949.6	0.092%	BB	0.085	383.53	0.0756%
19	5.001	m-XYLENE	0.0974	21.1162%	95,285.5	4.484%	BB	0.080	19,855.87	3.9126%
20	5.688		0.0000	0.0000%	967.9	0.046%	BV	0.117	137.32	0.0271%
21	5.933		0.0000	0.0000%	1,685.7	0.079%	VV	0.089	314.99	0.0621%
22	6.171		0.0000	0.0000%	2,414.0	0.114%	VV	0.147	274.50	0.0541%
23	6.435		0.0000	0.0000%	1,399.7	0.066%	VB	0.170	137.46	0.0271%
24	7.168		0.0000	0.0000%	1,262.7	0.059%	BV	0.167	126.08	0.0248%
25	7.303		0.0000	0.0000%	2,946.4	0.139%	VV	0.106	463.53	0.0913%
26	7.639		0.0000	0.0000%	2,545.6	0.120%	VB	0.108	394.60	0.0778%
27	8.107		0.0000	0.0000%	1,171.9	0.055%	BB	0.098	199.83	0.0394%
28	8.504		0.0000	0.0000%	229.0	0.011%	BB	0.070	54.70	0.0108%
29	8.960		0.0000	0.0000%	370.2	0.017%	BB	0.078	78.97	0.0156%
30	9.485		0.0000	0.0000%	526.1	0.025%	BV	0.100	87.87	0.0173%
31	9.608		0.0000	0.0000%	982.0	0.046%	VV	0.121	135.47	0.0267%
32	9.865		0.0000	0.0000%	6,251.6	0.294%	VV	0.127	817.64	0.1611%
33	10.200		0.0000	0.0000%	1,229.7	0.058%	VV	0.126	162.96	0.0321%
34	10.493	Heptachlor	0.0050	1.0871%	3,674.5	0.173%	VB	0.092	667.87	0.1316%
35	10.828		0.0000	0.0000%	21,823.9	1.027%	BV	0.119	3,052.68	0.6015%
36	11.195		0.0000	0.0000%	990.8	0.047%	VB	0.103	159.77	0.0315%
37	11.637		0.0000	0.0000%	11,880.7	0.559%	BV	0.114	1,739.65	0.3428%

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38	11.912		0.0000	0.0000%	4,494.1	0.211%	VB	0.096	781.43	0.1540%
39	12.697		0.0000	0.0000%	2,342.5	0.110%	BB	0.073	532.28	0.1049%
40	12.879	CHLOR #1	0.0215	4.6545%	717.1	0.034%	BB	0.109	109.81	0.0216%
41	13.579		0.0000	0.0000%	237.8	0.011%	BB	0.095	41.82	0.0082%
42	14.615	CHLOR #5	0.0276	5.9938%	2,479.7	0.117%	BV	0.191	215.82	0.0425%
43	14.975		0.0000	0.0000%	813.0	0.038%	VB	0.116	117.10	0.0231%
44	15.453		0.0000	0.0000%	178.1	0.008%	BB	0.089	33.23	0.0065%
45	15.686		0.0000	0.0000%	837.0	0.039%	BB	0.131	106.63	0.0210%
46	16.193		0.0000	0.0000%	339.1	0.016%	BV	0.100	56.69	0.0112%
47	16.375		0.0000	0.0000%	307.1	0.014%	VB	0.106	48.12	0.0095%
48	16.850		0.0000	0.0000%	361.6	0.017%	BB	0.076	79.31	0.0156%
49	17.082		0.0000	0.0000%	522.6	0.025%	BB	0.073	119.67	0.0236%
50	17.310		0.0000	0.0000%	1,086.8	0.051%	BB	0.100	181.91	0.0358%
51	17.945		0.0000	0.0000%	644.0	0.030%	BB	0.094	114.19	0.0225%
52	18.172	TOX #4	0.2011	43.6087%	1,685.5	0.079%	BV	0.091	307.18	0.0605%
53	18.354		0.0000	0.0000%	2,335.2	0.110%	VV	0.095	409.82	0.0808%
54	18.509		0.0000	0.0000%	1,465.7	0.069%	VB	0.098	249.61	0.0492%
55	18.678		0.0000	0.0000%	1,360.5	0.064%	BB	0.103	220.44	0.0434%
56	19.760		0.0000	0.0000%	706.0	0.033%	BV	0.090	130.85	0.0258%
57	20.217		0.0000	0.0000%	708.0	0.033%	VB	0.213	55.29	0.0109%
58	20.444		0.0000	0.0000%	1,155.2	0.054%	BV	0.130	148.25	0.0292%
59	20.725		0.0000	0.0000%	1,535.6	0.072%	VB	0.157	163.27	0.0322%
60	21.921		0.0000	0.0000%	2,011.4	0.095%	BB	0.127	262.96	0.0518%
61	24.110		0.0000	0.0000%	518.3	0.024%	BB	0.089	97.23	0.0192%
62	24.979	DCB	0.1086	23.5397%	116,827.9	5.498%	BB	0.094	20,722.94	4.0834%
63	26.221		0.0000	0.0000%	674.7	0.032%	BB	0.088	127.27	0.0251%
64	26.526		0.0000	0.0000%	451.4	0.021%	BB	0.112	67.45	0.0133%

otal area = 2124964 Total amount = .4611762 Sample units = ug/mL Total height = 507487.3

********** PESTICIDE/PCB ANALYSIS **********
*
* TODAY'S DATE....09-20-1994 TIME.....08:18:37
* RAW DATA FILE NAME..H:\CP2\HP7\G0919.12R
* SAMPLE NAME.....9883-2 ANN94TR00201
* DATE TAKEN..Sep 19, 1994 17:18:18
* METHOD FILE.....H:\CP2\HP7\HP78080.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLP21.CAL
* INSTRUMENT..... HP7--DET 7A OPERATOR.... DC
* RUN TIME..... 30
* AREA REJECT..... 0 COM PORT.... 5
* SAMPLE WEIGHT... 1 DIL Factor.. 1
* Amount Injected 1 Int Std Amt . 1
****

********** PEAKS DETECTED IN THIS CHROMATOGRAM **********

Peak #	Ret Time (min)	Peak Area	Peak Name	RESPONSE UG/ML	Surrogate % Recovery	AMOUNT UG/L	CF
19	5.001	95285	m-XYLENE	0.0974	97.38	0.9738	978461
34	10.493	3674	Heptachlor	0.0050	5.01	0.0501	732907
40	12.879	717	CHLOR #1	0.0215	21.47	0.2147	33407
42	14.615	2480	CHLOR #5	0.0276	27.64	0.2764	89706
52	18.172	1685	TOX #4	0.2011	201.10	2.0110	8381
62	24.979	116828	DCB	0.1086	108.56	1.0856	1076164

Checked by [signature] Date 9-20-94 Datard [signature] Date 9-20-94

____<CRL

_____NOT CONFIRM

CONFIRMATION COLUMN

1D
TCLP PESTICIDE ORGANIC ANALYSIS

Customer Sample No.

ANN94TR00301

Lab Name: ARDL, Inc.
Lab Code: _____ Case No.: 9883

Contract: ANNETTE ISLAND
SAS No.: _____ SDG No.:

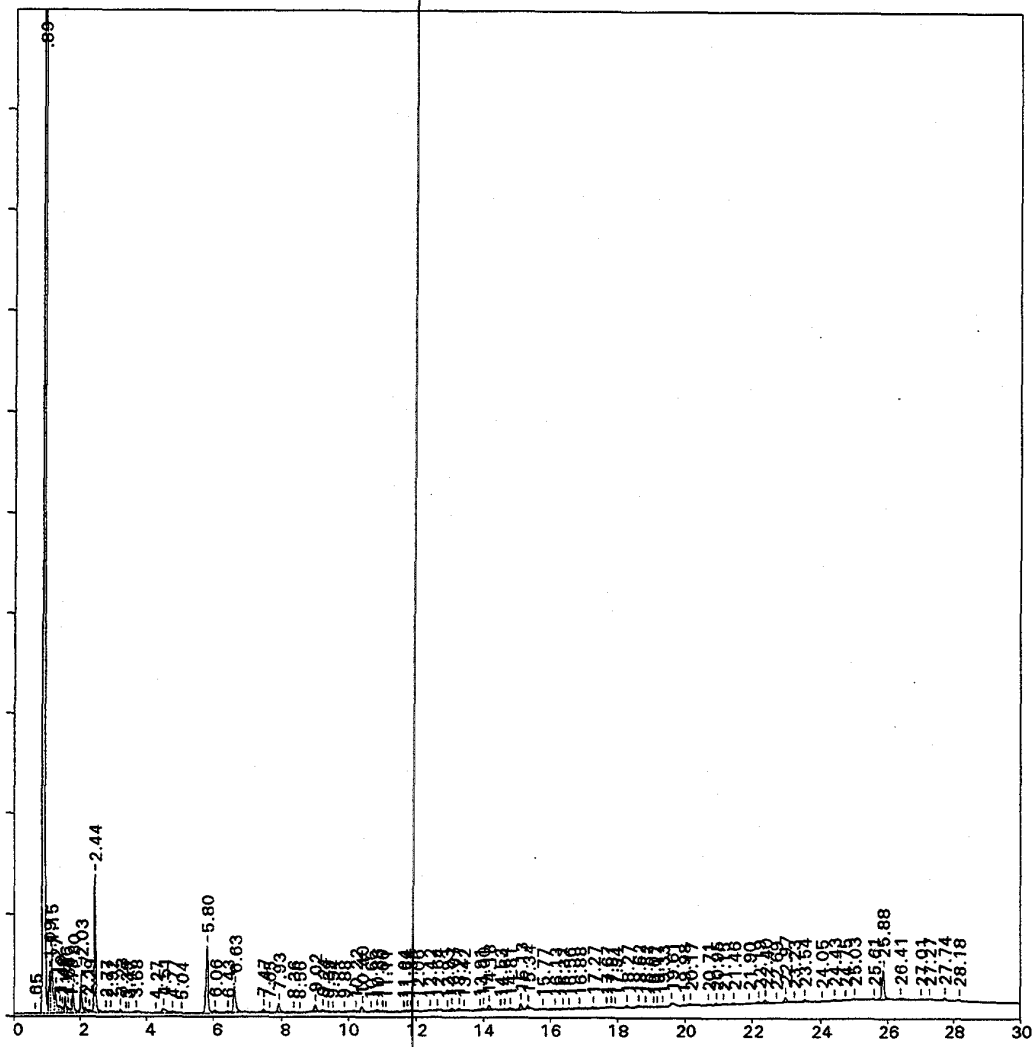
Matrix(soil/water) : TCLP
Sample(wt/vol) : 1000 (g/mL) mL
Level(low/med) : LOW
% Moisture(not dec): ---
Extraction(Sepf/Conc/Sonc) SEPF
GPC Cleanup (Y/N): N pH: ---
Final Extraction Volume: 10 mL

Lab Sample ID : 9883-3
Lab File ID :
Date Received : 09/16/94
Date Extracted : 09/16/94
Date Analyzed : 09/19/94
Dilution Factor: 1.0

Cas No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
58-89-9	gamma-BHC(Lindane)	1.0	U
76-44-8	Heptachlor	1.0	U
1024-57-3	Heptachlor Epoxide	1.0	U
72-20-8	Endrin	1.0	U
72-43-5	Methoxychlor	1.8	U
57-74-9	Chlordane	1.0	U
8001-35-2	Toxaphene	2.4	U

FORM I PEST 1/87 Rev.

ile=H:\CP2\HP7\G0919B.15R Date printed=09-19-1994 Time= 18:58:43
ample Name=9883-3 ANN94TR00301
.0 to 30.0 min. Low Y=-0.634 High Y=199.366 mv Span=200.0



Primary Column

50023

RTx1701
150C---6/MIN---275C
Data file = H:\CP2\HP7\G0919B.15R
Date stamp = 09/19/94 Time = 18:58:18
Sample name = 9883-3 ANN94TR00301
Collected on Sep 19, 1994 18:58:18 from port # 6
Operator = DC
Sequence file = HP70919.SEQ #16
Instrument = HP7--DetB
Method name = H:\CP2\HP7\HP78080B.MET version # 185
Date method last modified = 09/19/94 Time = 13:24:06
Calibration file = H:\CP2\HP7\HP7TLB21.CAL version # 4
Date cal file last modified = 09/19/94 Time = 12:04:12
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .03 minutes
Chrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 18:58:51

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.648		0.0000	0.0000%	293.7	0.015%	BB	0.072	68.13	0.0131%
2	0.888		0.0000	0.0000%	1,471,650.0	74.005%	BV	0.062	392,963.78	75.7850%
3	1.087		0.0000	0.0000%	26,100.0	1.312%	VV	0.053	8,252.29	1.5915%
4	1.146		0.0000	0.0000%	43,412.9	2.183%	VV	0.063	11,466.77	2.2114%
5	1.268		0.0000	0.0000%	19,781.8	0.995%	VV	0.066	5,026.27	0.9693%
6	1.400		0.0000	0.0000%	5,877.8	0.296%	VV	0.065	1,497.41	0.2888%
7	1.476		0.0000	0.0000%	3,877.9	0.195%	VV	0.060	1,075.71	0.2075%
8	1.562		0.0000	0.0000%	10,242.1	0.515%	VV	0.052	3,260.89	0.6289%
9	1.649		0.0000	0.0000%	4,202.5	0.211%	VV	0.063	1,117.06	0.2154%
10	1.732		0.0000	0.0000%	1,912.6	0.096%	VV	0.048	658.68	0.1270%
11	1.796		0.0000	0.0000%	17,105.4	0.860%	VV	0.051	5,592.74	1.0786%
12	2.034		0.0000	0.0000%	25,532.9	1.284%	VV	0.051	8,355.44	1.6114%
13	2.174		0.0000	0.0000%	3,738.5	0.188%	VV	0.060	1,039.53	0.2005%
14	2.287		0.0000	0.0000%	2,078.0	0.104%	VV	0.080	434.15	0.0837%
15	2.439		0.0000	0.0000%	81,263.2	4.086%	VV	0.050	27,028.55	5.2126%
16	2.774		0.0000	0.0000%	1,027.4	0.052%	VB	0.077	223.28	0.0431%
17	2.924		0.0000	0.0000%	764.7	0.038%	BB	0.072	176.56	0.0340%
18	3.231		0.0000	0.0000%	1,892.8	0.095%	BB	0.052	607.17	0.1171%
19	3.385		0.0000	0.0000%	285.0	0.014%	BV	0.053	89.71	0.0173%
20	3.472		0.0000	0.0000%	434.9	0.022%	VB	0.057	128.08	0.0247%
21	3.683		0.0000	0.0000%	744.8	0.037%	BB	0.054	228.58	0.0441%
22	4.270		0.0000	0.0000%	462.3	0.023%	BV	0.145	53.01	0.0102%
23	4.505		0.0000	0.0000%	7,286.2	0.366%	VV	0.146	830.34	0.1601%
24	4.774		0.0000	0.0000%	2,812.8	0.141%	VV	0.131	357.88	0.0690%
25	5.042		0.0000	0.0000%	453.7	0.023%	VB	0.079	96.24	0.0186%
26	5.804	m-XYLENE	0.0829	46.2951%	62,496.5	3.143%	BV	0.079	13,234.09	2.5523%
27	6.055		0.0000	0.0000%	3,083.9	0.155%	VB	0.110	465.17	0.0897%
28	6.429		0.0000	0.0000%	1,674.4	0.084%	BV	0.080	347.02	0.0669%
29	6.630		0.0000	0.0000%	25,821.7	1.298%	VB	0.084	5,106.08	0.9847%
30	7.474		0.0000	0.0000%	3,463.6	0.174%	BV	0.119	484.17	0.0934%
31	7.651		0.0000	0.0000%	833.7	0.042%	VB	0.081	172.18	0.0332%
32	7.931		0.0000	0.0000%	9,006.1	0.453%	BV	0.083	1,800.25	0.3472%
33	8.364		0.0000	0.0000%	1,044.5	0.053%	VV	0.122	143.11	0.0276%
34	8.558		0.0000	0.0000%	369.9	0.019%	VB	0.125	49.30	0.0095%
35	9.019		0.0000	0.0000%	7,099.2	0.357%	BV	0.090	1,318.32	0.2542%
36	9.237		0.0000	0.0000%	2,464.4	0.124%	VV	0.089	461.26	0.0890%
37	9.393		0.0000	0.0000%	1,126.4	0.057%	VV	0.082	229.91	0.0443%

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38	9.535		0.0000	0.0000%	318.5	0.016%	VB	0.074	72.08	0.0139%	
39	9.878		0.0000	0.0000%	299.3	0.015%	BB	0.067	74.64	0.0144%	
40	10.216		0.0000	0.0000%	2,749.4	0.138%	BV	0.147	312.57	0.0603%	
41	10.399		0.0000	0.0000%	5,594.2	0.281%	VV	0.090	1,039.32	0.2004%	
42	10.662		0.0000	0.0000%	751.8	0.038%	VV	0.076	164.95	0.0318%	
43	10.857		0.0000	0.0000%	3,150.5	0.158%	VV	0.116	452.40	0.0872%	
44	11.001		0.0000	0.0000%	984.5	0.050%	VV	0.079	208.17	0.0401%	
45	11.108		0.0000	0.0000%	745.7	0.037%	VB	0.074	166.96	0.0322%	
46	11.644		0.0000	0.0000%	993.0	0.050%	BV	0.071	233.23	0.0450%	
47	11.736		0.0000	0.0000%	1,211.1	0.061%	VV	0.079	255.89	0.0493%	
48	11.842	Heptachlor	0.0034	1.9149%	2,779.0	0.140%	VV	0.160	288.98	0.0557%	
49	12.057		0.0000	0.0000%	955.4	0.048%	VB	0.111	142.82	0.0275%	
50	12.419		0.0000	0.0000%	1,598.5	0.080%	BB	0.163	163.83	0.0316%	
51	12.642		0.0000	0.0000%	1,436.6	0.072%	BB	0.121	197.45	0.0381%	
52	12.933		0.0000	0.0000%	466.9	0.023%	BV	0.059	132.00	0.0255%	
53	13.070		0.0000	0.0000%	2,638.0	0.133%	VV	0.089	493.97	0.0953%	
54	13.268		0.0000	0.0000%	2,429.9	0.122%	VV	0.083	490.74	0.0946%	
55	13.418		0.0000	0.0000%	795.8	0.040%	VB	0.082	161.03	0.0311%	
56	13.910		0.0000	0.0000%	2,046.5	0.103%	BV	0.142	240.95	0.0465%	
57	14.001		0.0000	0.0000%	1,661.7	0.084%	VB	0.075	371.36	0.0716%	
58	14.182		0.0000	0.0000%	4,416.5	0.222%	BB	0.078	938.31	0.1810%	
59	14.526		0.0000	0.0000%	400.0	0.020%	BV	0.074	90.56	0.0175%	
60	14.640		0.0000	0.0000%	1,038.2	0.052%	VV	0.087	198.69	0.0383%	
61	14.809		0.0000	0.0000%	2,708.5	0.136%	VB	0.118	384.03	0.0741%	
62	15.127		0.0000	0.0000%	5,096.2	0.256%	BB	0.069	1,229.28	0.2371%	
63	15.338	Hept. Epox.	0.0038	2.1453%	3,081.4	0.155%	BB	0.073	703.04	0.1356%	
64	15.765		0.0000	0.0000%	624.6	0.031%	BB	0.130	79.98	0.0154%	
65	16.133		0.0000	0.0000%	702.2	0.035%	BV	0.088	132.47	0.0255%	
66	16.373		0.0000	0.0000%	566.7	0.028%	VV	0.117	80.70	0.0156%	
67	16.560		0.0000	0.0000%	328.8	0.017%	VV	0.071	76.66	0.0148%	
68	16.875		0.0000	0.0000%	1,948.9	0.098%	VV	0.136	239.39	0.0462%	
69	17.272		0.0000	0.0000%	2,288.1	0.115%	VB	0.116	327.61	0.0632%	
70	17.670		0.0000	0.0000%	1,496.2	0.075%	BV	0.137	182.04	0.0351%	
71	17.805		0.0000	0.0000%	1,176.3	0.059%	VV	0.084	234.70	0.0453%	
72	17.937		0.0000	0.0000%	605.6	0.030%	VB	0.088	115.01	0.0222%	
73	18.272		0.0000	0.0000%	2,465.4	0.124%	BV	0.095	430.55	0.0830%	
74	18.622		0.0000	0.0000%	2,813.2	0.141%	VV	0.110	427.70	0.0825%	
75	18.819		0.0000	0.0000%	1,473.6	0.074%	VV	0.115	213.62	0.0412%	
76	19.065	TOX #2	0.0410	22.8839%	631.6	0.032%	VV	0.092	114.88	0.0222%	
77	19.174		0.0000	0.0000%	722.0	0.036%	VV	0.108	111.75	0.0216%	
78	19.329		0.0000	0.0000%	748.3	0.038%	VB	0.085	146.14	0.0282%	
79	19.611		0.0000	0.0000%	1,129.7	0.057%	BB	0.056	335.90	0.0648%	
80	19.978		0.0000	0.0000%	818.4	0.041%	BB	0.081	168.64	0.0325%	
81	20.171		0.0000	0.0000%	1,550.3	0.078%	BB	0.088	292.57	0.0564%	
82	20.712		0.0000	0.0000%	1,870.1	0.094%	BV	0.107	291.12	0.0561%	
83	20.952		0.0000	0.0000%	1,880.3	0.095%	VB	0.073	430.91	0.0831%	
84	21.147		0.0000	0.0000%	333.3	0.017%	BB	0.085	65.65	0.0127%	
85	21.462		0.0000	0.0000%	2,459.9	0.124%	BB	0.132	309.82	0.0598%	
86	21.903		0.0000	0.0000%	728.5	0.037%	BB	0.187	64.87	0.0125%	
87	22.194	METHOXYCHLOR	0.0073	4.0649%	1,587.7	0.080%	BB	0.089	297.55	0.0574%	
88	22.396		0.0000	0.0000%	3,774.7	0.190%	BB	0.098	639.61	0.1234%	
89	22.692		0.0000	0.0000%	448.9	0.023%	BB	0.093	80.73	0.0156%	
90	22.974		0.0000	0.0000%	4,632.5	0.233%	BB	0.083	933.96	0.1801%	
91	23.226		0.0000	0.0000%	287.7	0.014%	BB	0.068	70.79	0.0137%	
92	23.543		0.0000	0.0000%	2,801.6	0.141%	BB	0.110	423.91	0.0818%	
93	24.052		0.0000	0.0000%	377.8	0.019%	BB	0.084	75.17	0.0145%	
94	24.426		0.0000	0.0000%	1,818.5	0.091%	BB	0.110	275.40	0.0531%	
95	24.748		0.0000	0.0000%	549.8	0.028%	BB	0.188	48.79	0.0094%	
96	25.028		0.0000	0.0000%	1,678.9	0.084%	BB	0.147	190.22	0.0367%	
97	25.607		0.0000	0.0000%	458.1	0.023%	BB	0.174	43.91	0.0085%	

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98	25.880	DCB	0.0406	22.6958%	29,863.7	1.502%	BB	0.088	5,663.40	1.0922%	
99	26.406		0.0000	0.0000%	2,478.5	0.125%	BB	0.157	263.75	0.0509%	
100	27.012		0.0000	0.0000%	1,009.5	0.051%	BB	0.121	138.97	0.0268%	
101	27.273		0.0000	0.0000%	1,839.3	0.092%	BB	0.137	223.81	0.0432%	
102	27.738		0.0000	0.0000%	2,701.2	0.136%	BB	0.096	469.92	0.0906%	
103	28.180		0.0000	0.0000%	852.7	0.043%	BB	0.086	165.88	0.0320%	

Total area = 1988588 Total amount = .179089 Sample units = ug/mL Total height = 518524.7

********** PESTICIDE/PCB ANALYSIS **********

```
*
* TODAY'S DATE....09-20-1994          TIME.....08:17:23
* RAW DATA FILE NAME..H:\CP2\HP7\G0919B.15R
* SAMPLE NAME.....9883-3 ANN94TR00301
* DATE TAKEN..Sep 19, 1994  18:58:18
* METHOD FILE.....H:\CP2\HP7\HP78080B.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLB21.CAL
* INSTRUMENT...... HP7--DetB                    OPERATOR.... DC
* RUN TIME........ 30
* AREA REJECT..... 0                 COM PORT....  6
* SAMPLE WEIGHT... 1                 DIL Factor.. 1
* Amount Injected  1                 Int Std Amt . 1
*****************************************************************
```

********** PEAKS DETECTED IN THIS CHROMATOGRAM **********

Peak #	Ret Time (min)	Peak Area	Peak Name	RESPONSE UG/ML	Surrogate % Recovery	AMOUNT UG/L	CF
26	5.804	62497	m-XYLENE	0.0829	82.91	0.8291	753792
48	11.842	2779	Heptachlor	0.0034	3.43	0.0343*	810346
63	15.338	3081	Hept. Epox	0.0038	3.84	0.0384*	802023
76	19.065	632	TOX #2	0.0410	40.98	0.4098	15411
87	22.194	1588	METHOXYCHL	0.0073	7.28	0.0728	218093
98	25.880	29864	DCB	0.0406	40.65	0.4065	734731

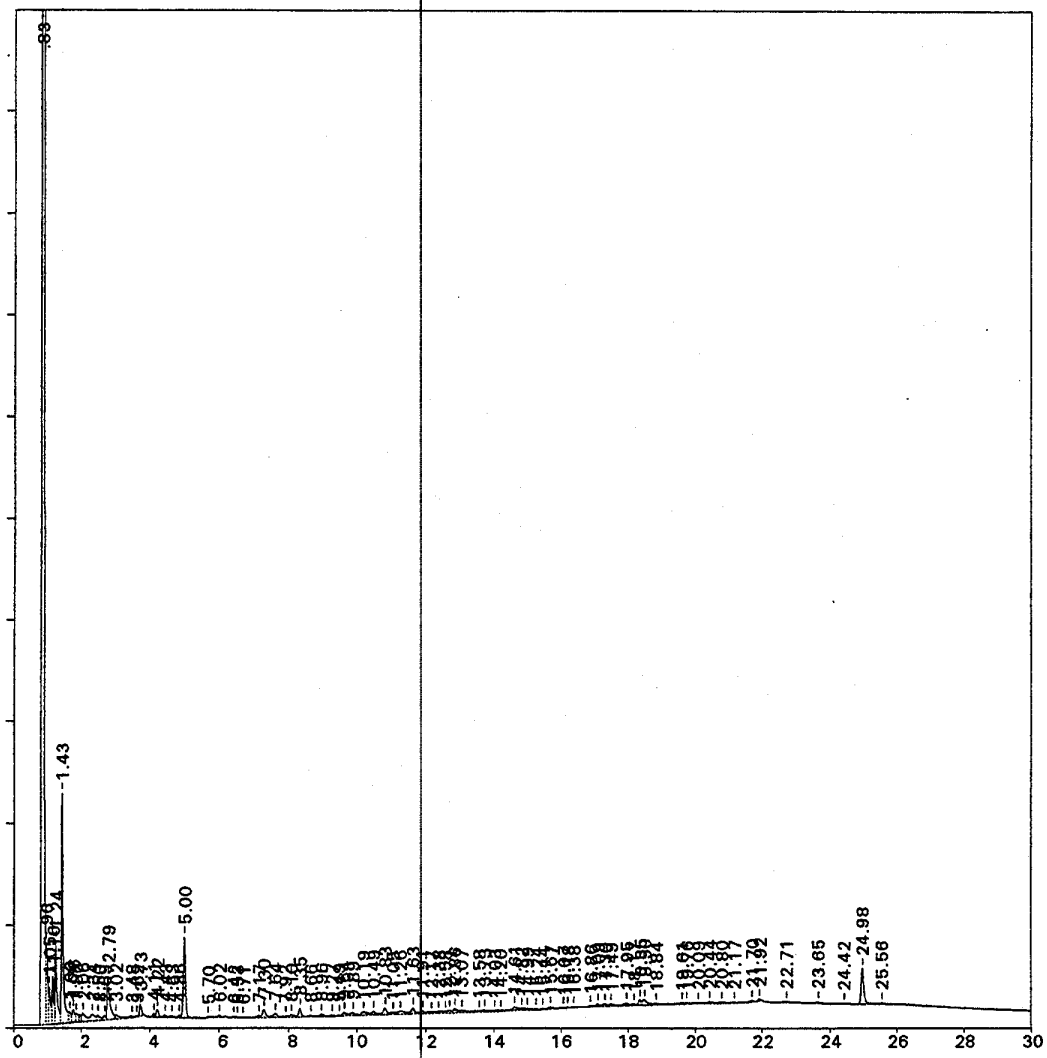
Checked by [signature] Date 9-20-94 Datard [signature] Date 9-20-94

* <CRL

_____NOT CONFIRM

PRIMARY COLUMN

File=H:\CP2\HP7\G0919.15R Date printed=09-19-1994 Time= 18:58:22
Sample Name=9883-3 ANN94TR00301
1.0 to 30.0 min. Low Y=-0.582 High Y=199.418 mv Span=200.0



Confirmation Only

50028

:Tx5
.50C---6/MIN---275C
ata file = H:\CP2\HP7\G0919.15R
Date stamp = 09/19/94 Time = 18:58:16
:ample name = 9883-3 ANN94TR00301
:ollected on Sep 19, 1994 18:58:18 from port # 5
perator = DC
:equence file = HP70919.SEQ #16
:nstrument = HP7--DET 7A
:ethod name = H:\CP2\HP7\HP78080.MET version # 52
Date method last modified = 09/19/94 Time = 13:23:44
:alibration file = H:\CP2\HP7\HP7TLP21.CAL version # 3
Date cal file last modified = 09/19/94 Time = 13:05:18
:un time = 30.00 minutes Area reject = 0
mount injected = 1 Dilution Factor = 1
:ample Weight = 1 Internal Standard Amount = 1
:ampling rate = 5 per second
eak detect threshold = 4 Starting peak width = .02 minutes
:hrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
:oday's date = 09-19-1994 Time = 18:58:30

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.830		0.0000	0.0000%	2,059,892.3	72.164%	BV	0.067	511,274.81	75.1356%
2	0.963		0.0000	0.0000%	61,410.0	2.151%	VV	0.064	16,044.96	2.3579%
3	1.053		0.0000	0.0000%	30,656.8	1.074%	VV	0.069	7,370.76	1.0832%
4	1.160		0.0000	0.0000%	30,340.8	1.063%	VV	0.054	9,318.29	1.3694%
5	1.244		0.0000	0.0000%	62,866.9	2.202%	VV	0.065	16,242.00	2.3869%
6	1.426		0.0000	0.0000%	155,499.0	5.448%	VV	0.057	45,110.80	6.6294%
7	1.660		0.0000	0.0000%	10,664.3	0.374%	VV	0.086	2,071.69	0.3044%
8	1.762		0.0000	0.0000%	12,609.7	0.442%	VV	0.083	2,537.92	0.3730%
9	1.857		0.0000	0.0000%	10,111.7	0.354%	VV	0.103	1,639.92	0.2410%
10	2.060		0.0000	0.0000%	13,391.6	0.469%	VV	0.134	1,663.98	0.2445%
11	2.336		0.0000	0.0000%	12,023.0	0.421%	VV	0.155	1,291.61	0.1898%
12	2.496		0.0000	0.0000%	7,220.6	0.253%	VV	0.120	1,000.52	0.1470%
13	2.689		0.0000	0.0000%	4,043.3	0.142%	VV	0.077	880.45	0.1294%
14	2.792		0.0000	0.0000%	44,226.0	1.549%	VV	0.086	8,537.05	1.2546%
15	3.024		0.0000	0.0000%	6,005.7	0.210%	VV	0.128	782.49	0.1150%
16	3.476		0.0000	0.0000%	1,613.3	0.057%	VB	0.097	278.19	0.0409%
17	3.621		0.0000	0.0000%	472.8	0.017%	BB	0.056	140.52	0.0207%
18	3.728		0.0000	0.0000%	8,740.6	0.306%	BB	0.063	2,330.25	0.3424%
19	4.114		0.0000	0.0000%	2,861.9	0.100%	BV	0.070	678.21	0.0997%
20	4.223		0.0000	0.0000%	7,185.2	0.252%	VV	0.077	1,547.48	0.2274%
21	4.434		0.0000	0.0000%	2,197.5	0.077%	VV	0.076	484.98	0.0713%
22	4.635		0.0000	0.0000%	1,849.5	0.065%	VB	0.081	379.91	0.0558%
23	4.857		0.0000	0.0000%	1,928.6	0.068%	BV	0.068	475.02	0.0698%
24	5.002	m-XYLENE	0.0771	12.8295%	75,392.3	2.641%	VB	0.079	15,875.93	2.3331%
25	5.700		0.0000	0.0000%	672.9	0.024%	BB	0.065	173.37	0.0255%
26	6.020		0.0000	0.0000%	1,953.8	0.068%	BB	0.076	426.32	0.0627%
27	6.423		0.0000	0.0000%	1,645.8	0.058%	BV	0.084	325.36	0.0478%
28	6.527		0.0000	0.0000%	1,974.7	0.069%	VV	0.106	310.21	0.0456%
29	6.706		0.0000	0.0000%	1,364.4	0.048%	VB	0.113	200.44	0.0295%
30	7.174		0.0000	0.0000%	3,257.7	0.114%	BV	0.127	427.11	0.0628%
31	7.302		0.0000	0.0000%	10,687.1	0.374%	VV	0.108	1,643.89	0.2416%
32	7.638		0.0000	0.0000%	6,412.3	0.225%	VV	0.145	737.23	0.1083%
33	7.918		0.0000	0.0000%	1,996.0	0.070%	VV	0.140	238.06	0.0350%
34	8.099		0.0000	0.0000%	3,849.8	0.135%	VV	0.137	467.05	0.0686%
35	8.345		0.0000	0.0000%	9,210.6	0.323%	VV	0.093	1,645.38	0.2418%
36	8.661		0.0000	0.0000%	1,948.8	0.068%	VV	0.150	215.94	0.0317%
37	8.961		0.0000	0.0000%	3,176.6	0.111%	VV	0.135	391.77	0.0576%

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38	9.273		0.0000	0.0000%	1,504.5	0.053%	VB	0.117	214.25	0.0315%	
39	9.487		0.0000	0.0000%	658.6	0.023%	BV	0.079	138.66	0.0204%	
40	9.640		0.0000	0.0000%	5,349.6	0.187%	VV	0.155	575.48	0.0846%	
41	9.885		0.0000	0.0000%	4,678.9	0.164%	VV	0.142	547.43	0.0804%	
42	10.194		0.0000	0.0000%	4,360.9	0.153%	VV	0.112	649.48	0.0954%	
43	10.493	Heptachlor	0.0057	0.9499%	4,181.1	0.146%	VV	0.100	699.08	0.1027%	
44	10.828		0.0000	0.0000%	8,849.0	0.310%	VV	0.118	1,251.54	0.1839%	
45	11.052		0.0000	0.0000%	3,302.2	0.116%	VV	0.168	327.18	0.0481%	
46	11.263		0.0000	0.0000%	5,998.8	0.210%	VV	0.215	464.57	0.0683%	
47	11.635		0.0000	0.0000%	7,180.3	0.252%	VV	0.108	1,104.02	0.1622%	
48	11.911		0.0000	0.0000%	3,039.1	0.106%	VV	0.112	453.01	0.0666%	
49	12.172		0.0000	0.0000%	1,129.9	0.040%	VV	0.101	186.51	0.0274%	
50	12.380		0.0000	0.0000%	3,968.0	0.139%	VV	0.226	292.83	0.0430%	
51	12.584		0.0000	0.0000%	1,666.5	0.058%	VV	0.107	260.29	0.0383%	
52	12.706		0.0000	0.0000%	2,831.2	0.099%	VV	0.104	452.41	0.0665%	
53	12.864	CHLOR #1	0.1695	28.2173%	5,661.5	0.198%	VV	0.140	672.63	0.0988%	
54	13.067	Hept. Epox.	0.0041	0.6827%	3,947.6	0.138%	VV	0.204	322.53	0.0474%	
55	13.581		0.0000	0.0000%	1,445.1	0.051%	VV	0.188	127.92	0.0188%	
56	13.727		0.0000	0.0000%	2,143.6	0.075%	VV	0.128	279.66	0.0411%	
57	14.027	CHLOR #3	0.0097	1.6075%	1,092.1	0.038%	VV	0.111	164.17	0.0241%	
58	14.199		0.0000	0.0000%	1,002.8	0.035%	VB	0.141	118.32	0.0174%	
59	14.610	CHLOR #5	0.0783	13.0339%	7,022.2	0.246%	BV	0.169	692.84	0.1018%	
60	14.822		0.0000	0.0000%	2,311.8	0.081%	VV	0.117	329.75	0.0485%	
61	14.986		0.0000	0.0000%	2,981.5	0.104%	VV	0.169	293.50	0.0431%	
62	15.242		0.0000	0.0000%	1,067.5	0.037%	VB	0.094	189.79	0.0279%	
63	15.444		0.0000	0.0000%	726.2	0.025%	BB	0.106	114.27	0.0168%	
64	15.674		0.0000	0.0000%	2,837.0	0.099%	BV	0.129	367.41	0.0540%	
65	16.065		0.0000	0.0000%	419.1	0.015%	VV	0.070	99.23	0.0146%	
66	16.184		0.0000	0.0000%	533.8	0.019%	VV	0.081	110.50	0.0162%	
67	16.378		0.0000	0.0000%	407.1	0.014%	VB	0.123	55.29	0.0081%	
68	16.865		0.0000	0.0000%	2,535.5	0.089%	BV	0.170	249.27	0.0366%	
69	17.085		0.0000	0.0000%	3,449.6	0.121%	VV	0.106	544.79	0.0801%	
70	17.302		0.0000	0.0000%	4,972.2	0.174%	VV	0.165	503.38	0.0740%	
71	17.492		0.0000	0.0000%	3,929.0	0.138%	VV	0.154	425.21	0.0625%	
72	17.948		0.0000	0.0000%	3,939.4	0.138%	VV	0.143	457.65	0.0673%	
73	18.170	TOX #4	0.1746	29.0711%	1,463.2	0.051%	VV	0.105	232.89	0.0342%	
74	18.354		0.0000	0.0000%	5,063.9	0.177%	VV	0.087	965.01	0.1418%	
75	18.496		0.0000	0.0000%	8,102.9	0.284%	VV	0.145	934.26	0.1373%	
76	18.838	TOX #5	0.0467	7.7833%	1,307.6	0.046%	VB	0.117	186.71	0.0274%	
77	19.607		0.0000	0.0000%	2,124.0	0.074%	BV	0.172	205.66	0.0302%	
78	19.757		0.0000	0.0000%	1,751.6	0.061%	VV	0.115	253.51	0.0373%	
79	20.092		0.0000	0.0000%	1,978.3	0.069%	VV	0.183	179.94	0.0264%	
80	20.442		0.0000	0.0000%	2,958.5	0.104%	VV	0.177	278.68	0.0410%	
81	20.795		0.0000	0.0000%	2,614.2	0.092%	VV	0.223	195.63	0.0287%	
82	21.165		0.0000	0.0000%	570.0	0.020%	VB	0.138	68.96	0.0101%	
83	21.702		0.0000	0.0000%	1,875.6	0.066%	BB	0.092	338.51	0.0497%	
84	21.922		0.0000	0.0000%	1,241.7	0.044%	BB	0.066	315.64	0.0464%	
85	22.709		0.0000	0.0000%	598.6	0.021%	BB	0.123	81.41	0.0120%	
86	23.650		0.0000	0.0000%	1,193.5	0.042%	BB	0.097	205.86	0.0303%	
87	24.425		0.0000	0.0000%	453.3	0.016%	BB	0.120	62.72	0.0092%	
88	24.981	DCB	0.0350	5.8248%	37,647.1	1.319%	BB	0.091	6,919.69	1.0169%	
89	25.563		0.0000	0.0000%	1,045.3	0.037%	BB	0.117	149.39	0.0220%	

otal area = 2854466 Total amount = .6005854 Sample units = ug/mL Total height = 680469.3

********** PESTICIDE/PCB ANALYSIS **********

```
*
* TODAY'S DATE....09-20-1994          TIME.....08:19:00
* RAW DATA FILE NAME..H:\CP2\HP7\G0919.15R
* SAMPLE NAME.....9883-3 ANN94TR00301
* DATE TAKEN..Sep 19, 1994  18:58:18
* METHOD FILE.....H:\CP2\HP7\HP78080.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLP21.CAL
* INSTRUMENT...... HP7--DET 7A                OPERATOR.... DC
* RUN TIME........ 30
* AREA REJECT..... 0                COM PORT....  5
* SAMPLE WEIGHT... 1                DIL Factor.. 1
* Amount Injected  1                Int Std Amt . 1
*****************************************************************
```

********** PEAKS DETECTED IN THIS CHROMATOGRAM **********

Peak #	Ret Time (min)	Peak Area	Peak Name	RESPONSE UG/ML	Surrogate % Recovery	AMOUNT UG/L	CF
24	5.002	75392	m-XYLENE	0.0771	77.05	0.7705	978461
43	10.493	4181	Heptachlor	0.0057	5.70	0.0570	732907
53	12.864	5662	CHLOR #1	0.1695	169.47	1.6947	33407
54	13.067	3948	Hept. Epox	0.0041	4.10	0.0410	962795
57	14.027	1092	CHLOR #3	0.0097	9.65	0.0965	113114
59	14.610	7022	CHLOR #5	0.0783	78.28	0.7828	89706
73	18.170	1463	TOX #4	0.1746	174.59	1.7459	8381
76	18.838	1308	TOX #5	0.0467	46.74	0.4674	27973
88	24.981	37647	DCB	0.0350	34.98	0.3498	1076164

Checked by [illegible] Date 9-20-94 Datard [illegible] Date 9-20-94

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_____NOT CONFIRM

CONFIRMATION COLUMN

CAL. FILE - HP7LB21

COLUMN - RTx1701

COMPOUND	RETENTION TIME (min.)	AVERAGE CALIBRATION FACTOR
M-XYLENE	5.80	753792
g-BHC	11.20	997823
HEPTACHLOR	11.83	810346
HEPTACHLOR EPOXIDE	15.30	802023
CHLORDANE #1	16.03	23902
CHLORDANE #2	16.47	91118
CHLORDANE #3	16.69	59589
CHLORDANE #4	16.80	88226
CHLORDANE #5	17.47	25718
ENDRIN	18.03	669223
TOXAPHENE #1	18.46	10790
TOXAPHENE #2	19.06	15411
TOXAPHENE #3	20.09	12710
TOXAPHENE #4	21.82	8621
TOXAPHENE #5	22.07	6206
METHOXYCHLOR	22.24	218093
DCB	25.88	734731

files used: HP7/G0919B.01
02
03
04
05
07

Primary Column

curve checked by [illegible]

date 9-19-94

:al file = H:\CP2\HP7\HP7TLB21.CAL Version number = 4
:al file date = 09-19-1994 12:04:06
:xternal standard calibration.
)efault injection volume = 1 Area reject = 0
:eference peak area reject = 0 Sample units = ug/mL

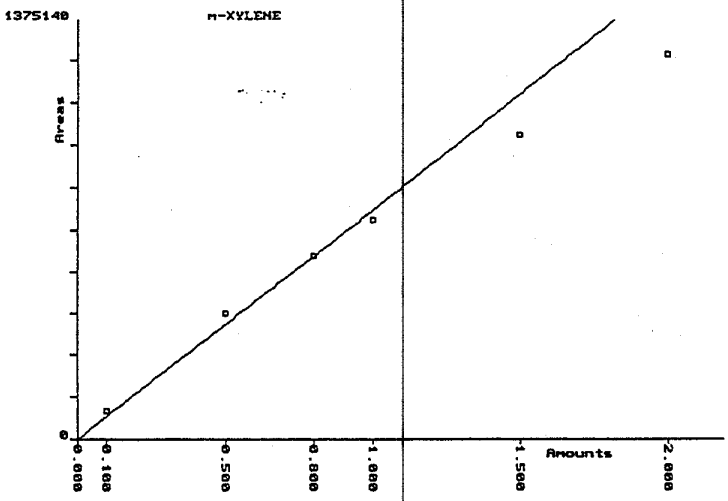
GB 9-20-94

0.2 Std was not used because curve made with first 6 stds to come off

Primary Column

50033

1 **m-XYLENE** Ret time= 5.801 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 753792
Quantitation will be by peak area.

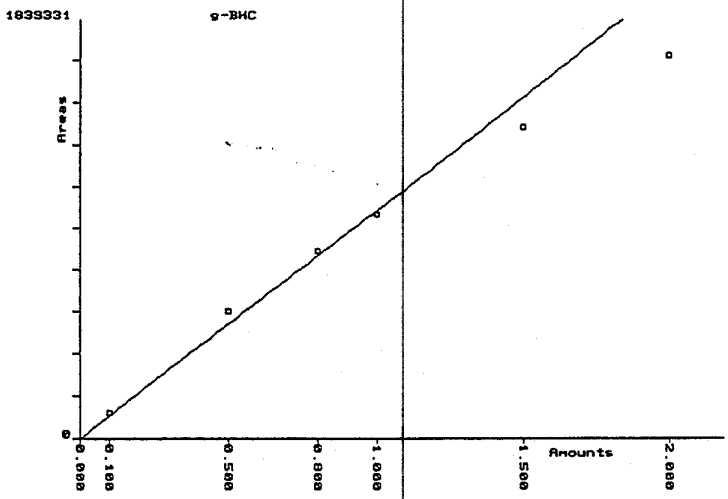


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	1258475	62923.7E+01	G0919B.01A	09-19-1994 11:56
2	1.50000	997996	66533.1E+01	G0919B.02A	09-19-1994 11:56
3	0.10000	91825	91824.9E+01	G0919B.03A	09-19-1994 11:56
4	1.00000	723938	72393.8E+01	G0919B.04A	09-19-1994 11:56
5	0.80000	604171	75521.4E+01	G0919B.05A	09-19-1994 11:56
6	0.50000	415392	83078.5E+01	G0919B.07A	09-19-1994 11:56

Fit type = Average CF with equal weighting
Coef of determination= .904224 Ave error=10.7633%
Area = 00.e00 +75.379e04*X^1
Average CF (EPA method 8000) = 753792.25 with %RSD = 14.19%

Primary Column

2 **g-BHC** Ret time= 11.196 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 997823
Quantitation will be by peak area.

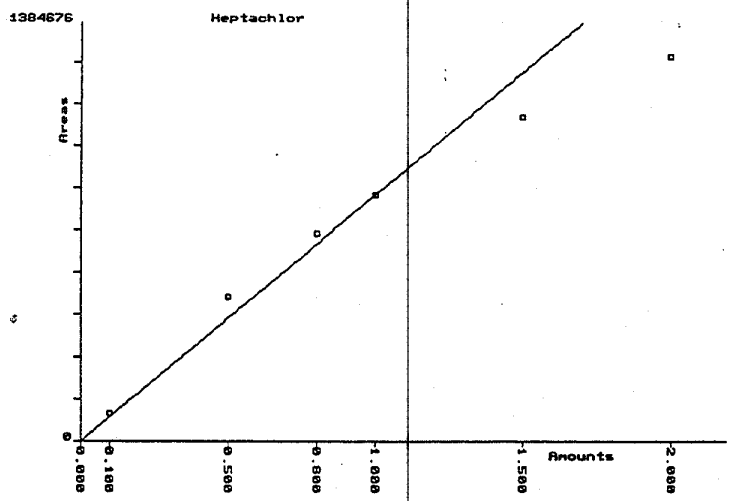


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	1682314	84115.7E+01	G0919B.01A	09-19-1994 11:56
2	1.50000	1366644	91109.6E+01	G0919B.02A	09-19-1994 11:56
3	0.10000	112146	11214.6E+02	G0919B.03A	09-19-1994 11:56
4	1.00000	985440	98544.0E+01	G0919B.04A	09-19-1994 11:56
5	0.80000	817484	10218.6E+02	G0919B.05A	09-19-1994 11:56
6	0.50000	552965	11059.3E+02	G0919B.07A	09-19-1994 11:56

Fit type = Average CF with equal weighting
Coef of determination= .925005 Ave error=8.7587%
Area = 00.e00 +99.782e04*X^1
Average CF (EPA method 8000) = 997823.1875 with %RSD = 10.957%

Primary Column

3 **Heptachlor** Ret time= 11.832 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 810346
Quantitation will be by peak area.

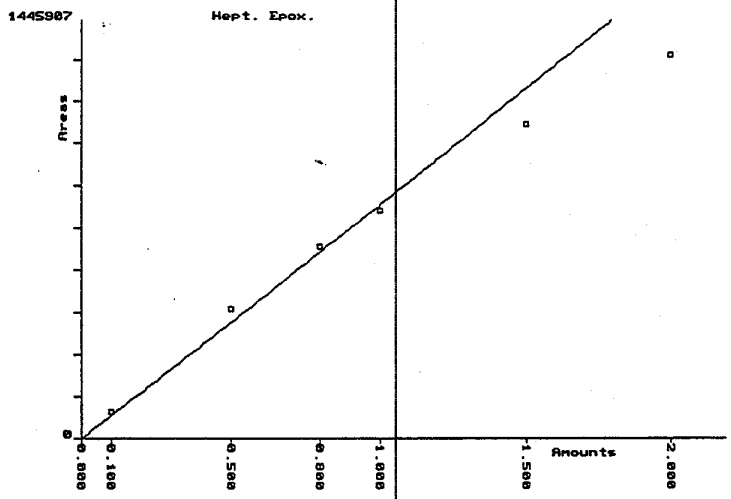


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	1267045	63352.2E+01	G0919B.01A	09-19-1994 11:56
2	1.50000	1069683	71312.2E+01	G0919B.02A	09-19-1994 11:56
3	0.10000	90731	90731.4E+01	G0919B.03A	09-19-1994 11:56
4	1.00000	809077	80907.7E+01	G0919B.04A	09-19-1994 11:56
5	0.80000	681095	85136.8E+01	G0919B.05A	09-19-1994 11:56
6	0.50000	473838	94767.6E+01	G0919B.07A	09-19-1994 11:56

Fit type = Average CF with equal weighting
Coef of determination= .8283279 Ave error=11.9498%
Area = 00.e00 +81.035e04*X^1
Average CF (EPA method 8000) = 810346.5625 with %RSD = 14.671%

Primary Column

4 **Hept. Epox.** Ret time= 15.303 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 802023
Quantitation will be by peak area.

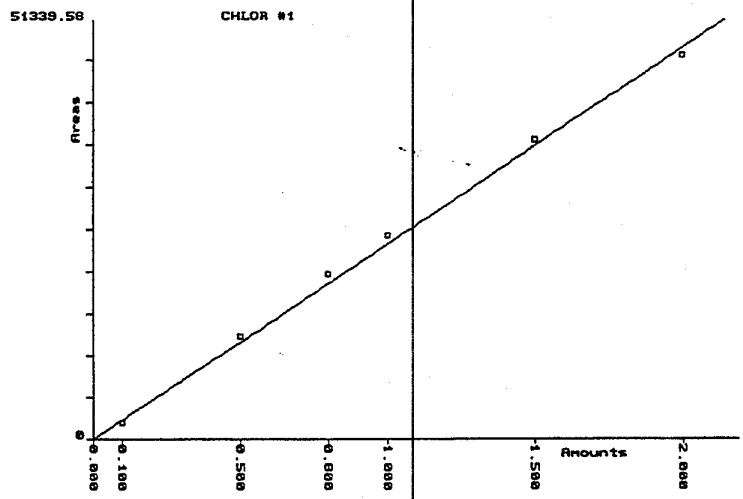


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	1322854	66142.7E+01	G0919B.01A	09-19-1994 11:56
2	1.50000	1080119	72007.9E+01	G0919B.02A	09-19-1994 11:56
3	0.10000	92326	92325.7E+01	G0919B.03A	09-19-1994 11:56
4	1.00000	786309	78630.9E+01	G0919B.04A	09-19-1994 11:56
5	0.80000	658681	82335.2E+01	G0919B.05A	09-19-1994 11:56
6	0.50000	448857	89771.4E+01	G0919B.07A	09-19-1994 11:56

Fit type = Average CF with equal weighting
Coef of determination= .8996343 Ave error=10.1693%
Area = 00.e00 +80.202e04*X^1
Average CF (EPA method 8000) = 802022.75 with %RSD = 12.597%

Primary Column

5 **CHLOR #1** Ret time= 16.035 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 23902
Quantitation will be by peak area.

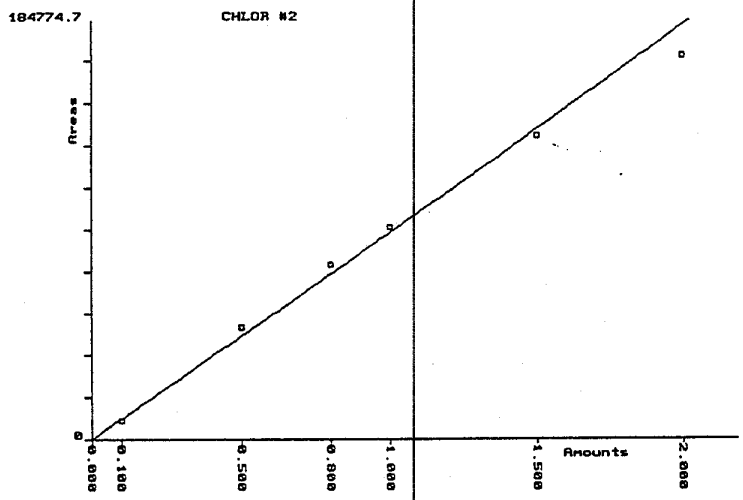


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	46852	23425.9E+00	G0919B.01A	09-19-1994 11:56
2	1.50000	36644	24429.4E+00	G0919B.02A	09-19-1994 11:56
3	0.10000	1975	19748.5E+00	G0919B.03A	09-19-1994 11:56
4	1.00000	24977	24977.1E+00	G0919B.04A	09-19-1994 11:56
5	0.80000	20279	25348.2E+00	G0919B.05A	09-19-1994 11:56
6	0.50000	12743	25486.4E+00	G0919B.07A	09-19-1994 11:56

Fit type = Average CF with equal weighting
Coef of determination= .996313 Ave error=6.9076%
Area = 00.e00 +23.903e03*X^1
Average CF (EPA method 8000) = 23902.5938 with %RSD = 9.073%

Primary Column

6 **CHLOR #2** Ret time= 16.472 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 91118
Quantitation will be by peak area.

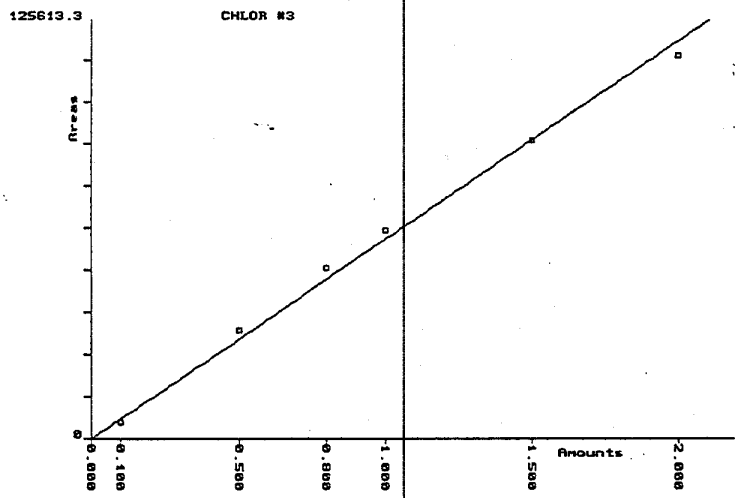


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	168739	84369.4E+00	G0919B.01A	09-19-1994 11:56
2	1.50000	133967	89311.4E+00	G0919B.02A	09-19-1994 11:56
3	0.10000	8380	83803.4E+00	G0919B.03A	09-19-1994 11:56
4	1.00000	93770	93770.0E+00	G0919B.04A	09-19-1994 11:56
5	0.80000	77102	96378.1E+00	G0919B.05A	09-19-1994 11:56
6	0.50000	49538	99076.5E+00	G0919B.07A	09-19-1994 11:56

Fit type = Average CF with equal weighting
Coef of determination= .9861068 Ave error=5.8447%
Area = 00.e00 +91.118e03*X^1
Average CF (EPA method 8000) = 91118.1328 with %RSD = 6.947%

Primary Column

7 **CHLOR #3** Ret time= 16.687 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 59589
Quantitation will be by peak area.

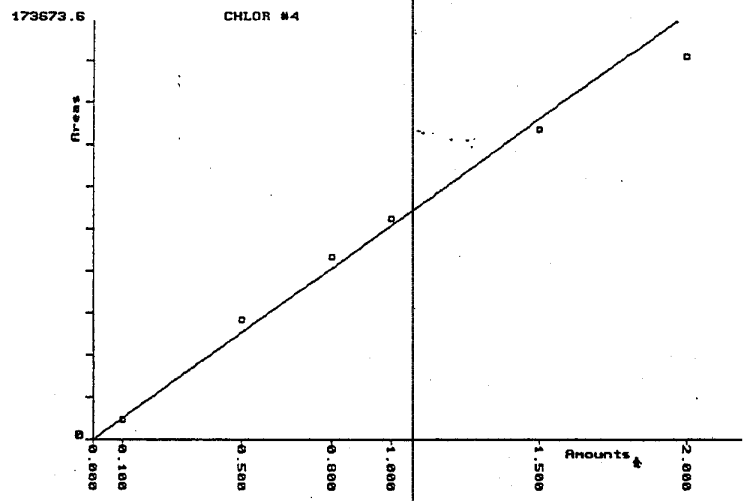


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	114646	57323.1E+00	G0919B.01A	09-19-1994 11:56
2	1.50000	89226	59483.9E+00	G0919B.02A	09-19-1994 11:56
3	0.10000	4974	49740.5E+00	G0919B.03A	09-19-1994 11:56
4	1.00000	62270	62269.7E+00	G0919B.04A	09-19-1994 11:56
5	0.80000	51110	63887.1E+00	G0919B.05A	09-19-1994 11:56
6	0.50000	32416	64832.4E+00	G0919B.07A	09-19-1994 11:56

Fit type = Average CF with equal weighting
Coef of determination= .9938486 Ave error=7.1750%
Area = 00.e00 +59.589e03*X^1
Average CF (EPA method 8000) = 59589.4258 with %RSD = 9.352%

Primary Column

8 **CHLOR #4** Ret time= 16.800 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 88226
Quantitation will be by peak area.

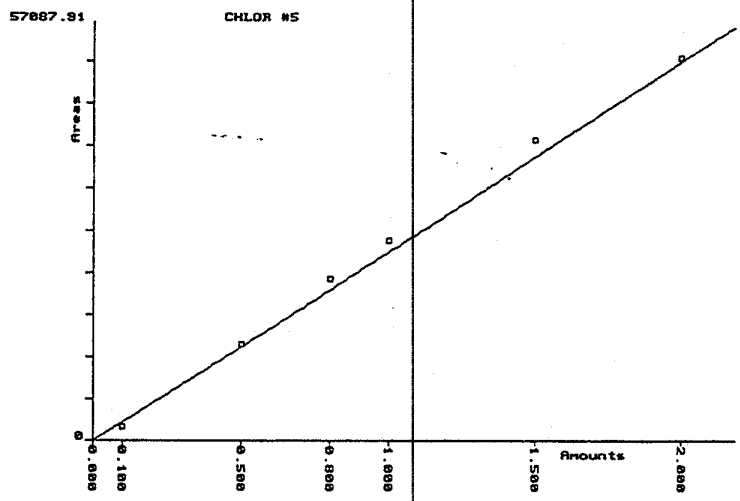


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	158611	79305.7E+00	G0919B.01A	09-19-1994 11:56
2	1.50000	128157	85438.1E+00	G0919B.02A	09-19-1994 11:56
3	0.10000	7989	79894.3E+00	G0919B.03A	09-19-1994 11:56
4	1.00000	91236	91235.8E+00	G0919B.04A	09-19-1994 11:56
5	0.80000	75619	94524.0E+00	G0919B.05A	09-19-1994 11:56
6	0.50000	49480	98960.8E+00	G0919B.07A	09-19-1994 11:56

Fit type = Average CF with equal weighting
Coef of determination= .97262 Ave error=7.6248%
Area = 00.e00 +88.226e03*X^1
Average CF (EPA method 8000) = 88226.4609 with %RSD = 9.078%

Primary Column

9 **CHLOR #5** Ret time= 17.469 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 25718
Quantitation will be by peak area.

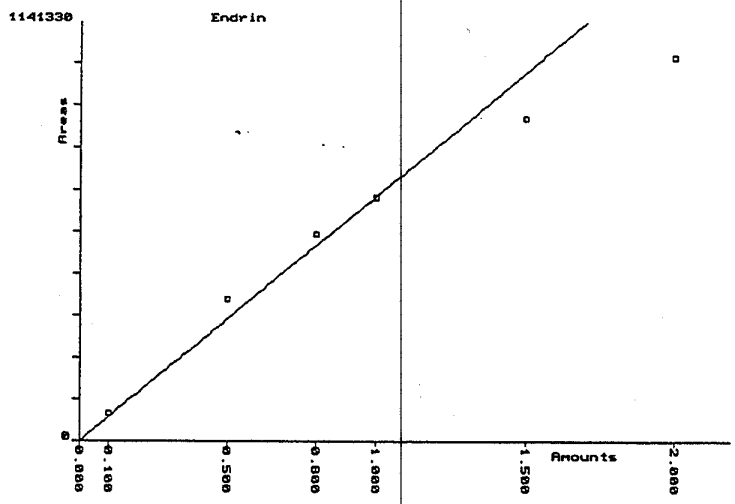


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	52075	26037.7E+00	G0919B.01A	09-19-1994 11:56
2	1.50000	40800	27199.9E+00	G0919B.02A	09-19-1994 11:56
3	0.10000	1949	19493.9E+00	G0919B.03A	09-19-1994 11:56
4	1.00000	27389	27389.1E+00	G0919B.04A	09-19-1994 11:56
5	0.80000	22130	27662.8E+00	G0919B.05A	09-19-1994 11:56
6	0.50000	13261	26522.0E+00	G0919B.07A	09-19-1994 11:56

Fit type = Average CF with equal weighting
Coef of determination= .9932863 Ave error=9.1290%
Area = 00.e00 +25.718e03*X^1
Average CF (EPA method 8000) = 25717.5723 with %RSD = 12.08%

Primary Column

10 **Endrin** Ret time= 18.026 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 669223
Quantitation will be by peak area.

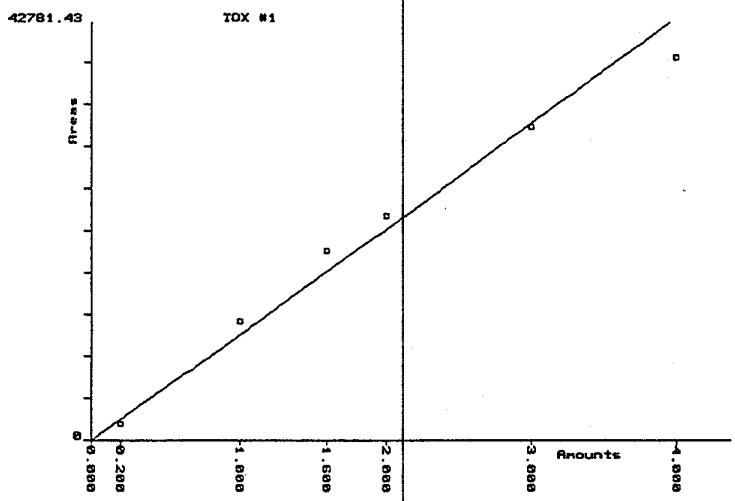


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	1044435	52221.8E+01	G0919B.01A	09-19-1994 11:56
2	1.50000	880642	58709.4E+01	G0919B.02A	09-19-1994 11:56
3	0.10000	75488	75487.6E+01	G0919B.03A	09-19-1994 11:56
4	1.00000	667061	66706.1E+01	G0919B.04A	09-19-1994 11:56
5	0.80000	564863	70607.9E+01	G0919B.05A	09-19-1994 11:56
6	0.50000	389004	77800.8E+01	G0919B.07A	09-19-1994 11:56

Fit type = Average CF with equal weighting
Coef of determination= .8245849 Ave error=12.1687%
Area = 00.e00 +66.922e04*X^1
Average CF (EPA method 8000) = 669222.6875 with %RSD = 14.776%

Primary Column

11 **TOX #1** Ret time= 18.465 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 10790
Quantitation will be by peak area.

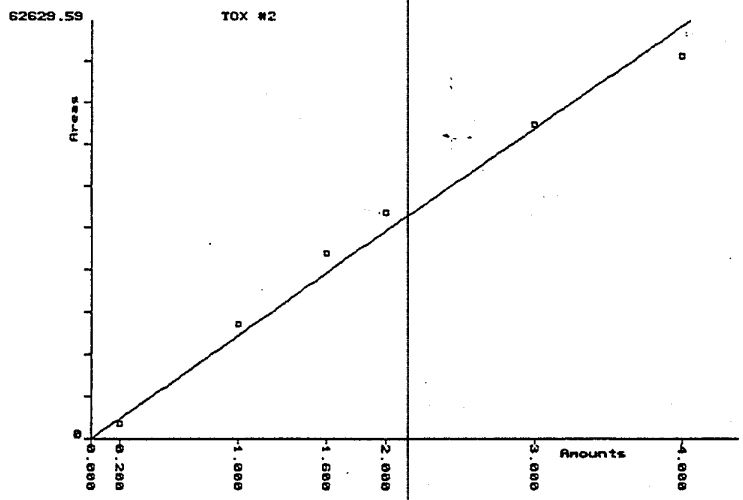


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	4.00000	39047	97616.4E-01	G0919B.01A	09-19-1994 11:56
2	3.00000	32030	10676.5E+00	G0919B.02A	09-19-1994 11:56
3	0.20000	1698	84898.6E-01	G0919B.03A	09-19-1994 11:56
4	2.00000	22954	11476.9E+00	G0919B.04A	09-19-1994 11:56
5	1.60000	19432	12145.1E+00	G0919B.05A	09-19-1994 11:56
6	1.00000	12189	12188.7E+00	G0919B.07A	09-19-1994 11:56

Fit type = Average CF with equal weighting
Coef of determination= .9714578 Ave error=11.2178%
Area = 00.e00 +10.79e03*X^1
Average CF (EPA method 8000) = 10789.79 with %RSD = 13.511%

Primary Column

12 **TOX #2** Ret time= 19.065 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 15411
Quantitation will be by peak area.

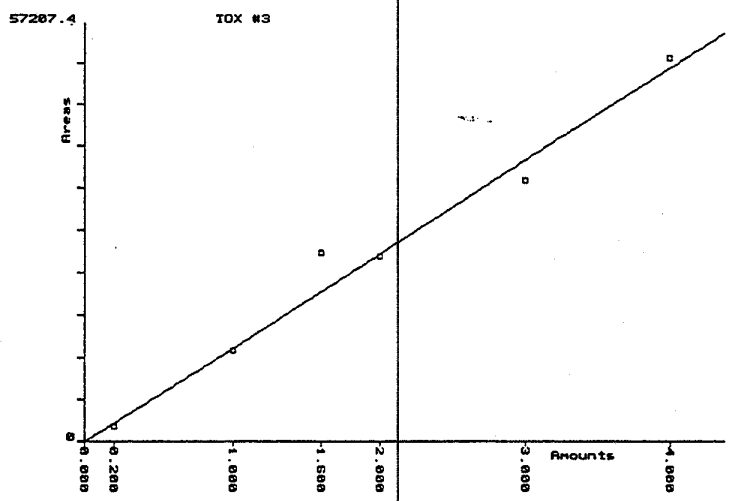


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	4.00000	57143	14285.6E+00	G0919B.01A	09-19-1994 11:56
2	3.00000	46948	15649.3E+00	G0919B.02A	09-19-1994 11:56
3	0.20000	2272	11360.8E+00	G0919B.03A	09-19-1994 11:56
4	2.00000	33586	16793.0E+00	G0919B.04A	09-19-1994 11:56
5	1.60000	27550	17218.5E+00	G0919B.05A	09-19-1994 11:56
6	1.00000	17157	17157.2E+00	G0919B.07A	09-19-1994 11:56

Fit type = Average CF with equal weighting
Coef of determination= .9794821 Ave error=12.3262%
Area = 00.e00 +15.411e03*X^1
Average CF (EPA method 8000) = 15410.7539 with %RSD = 14.784%

Primary Column

13 **TOX #3** Ret time= 20.093 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 12710
Quantitation will be by peak area.

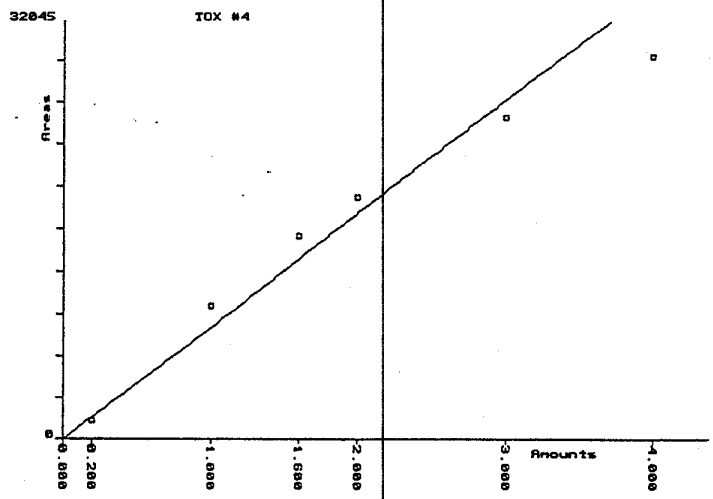


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	4.00000	52194	13048.4E+00	G0919B.01A	09-19-1994 11:56
2	3.00000	35394	11798.1E+00	G0919B.02A	09-19-1994 11:56
3	0.20000	2058	10288.3E+00	G0919B.03A	09-19-1994 11:56
4	2.00000	25139	12569.5E+00	G0919B.04A	09-19-1994 11:56
5	1.60000	25719	16074.6E+00	G0919B.05A	09-19-1994 11:56
6	1.00000	12480	12479.9E+00	G0919B.07A	09-19-1994 11:56

Fit type = Average CF with equal weighting
Coef of determination= .9747233 Ave error=9.6251%
Area = 00.e00 +12.71e03*X^1
Average CF (EPA method 8000) = 12709.7891 with %RSD = 15.013%

Primary Column

14 **TOX #4** Ret time= 21.819 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 8621
Quantitation will be by peak area.

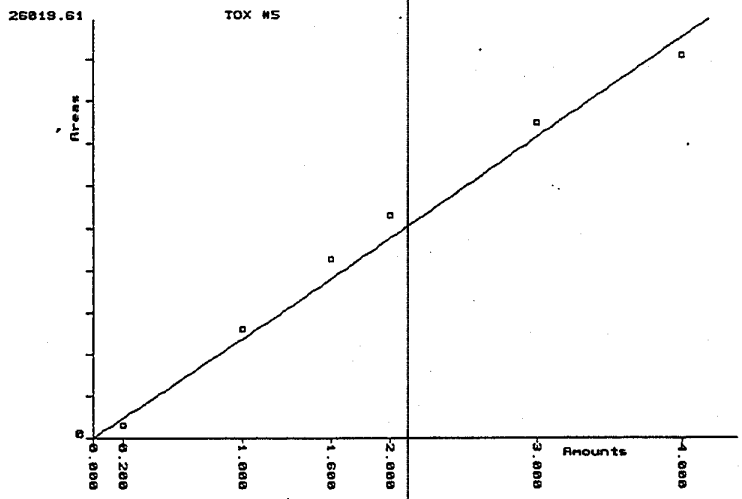


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	4.00000	29260	73148.9E-01	G0919B.01A	09-19-1994 11:56
2	3.00000	24566	81885.2E-01	G0919B.02A	09-19-1994 11:56
3	0.20000	1405	70246.1E-01	G0919B.03A	09-19-1994 11:56
4	2.00000	18518	92588.4E-01	G0919B.04A	09-19-1994 11:56
5	1.60000	15501	96881.6E-01	G0919B.05A	09-19-1994 11:56
6	1.00000	10250	10250.4E+00	G0919B.07A	09-19-1994 11:56

Fit type = Average CF with equal weighting
Coef of determination= .9274237 Ave error=13.2769%
Area = 00.e00 +86.209e02*X^1
Average CF (EPA method 8000) = 8620.8955 with %RSD = 15.25%

Primary Column

15 **TOX #5** Ret time= 22.070 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 6206
Quantitation will be by peak area.

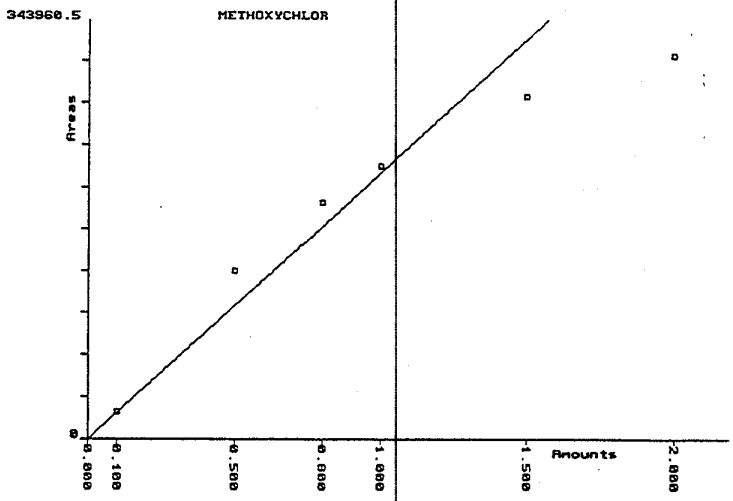


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	4.00000	23729	59321.5E-01	G0919B.01A	09-19-1994 11:56
2	3.00000	19529	65095.5E-01	G0919B.02A	09-19-1994 11:56
3	0.20000	818	40924.9E-01	G0919B.03A	09-19-1994 11:56
4	2.00000	13854	69270.1E-01	G0919B.04A	09-19-1994 11:56
5	1.60000	11138	69614.5E-01	G0919B.05A	09-19-1994 11:56
6	1.00000	6813	68128.9E-01	G0919B.07A	09-19-1994 11:56

Fit type = Average CF with equal weighting
Coef of determination= .9824139 Ave error=15.1822%
Area = 00.e00 +62.059e02*X^1
Average CF (EPA method 8000) = 6205.9233 with %RSD = 17.788%

Primary Column

16 **METHOXYCHLOR** Ret time= 22.242 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 218093
Quantitation will be by peak area.

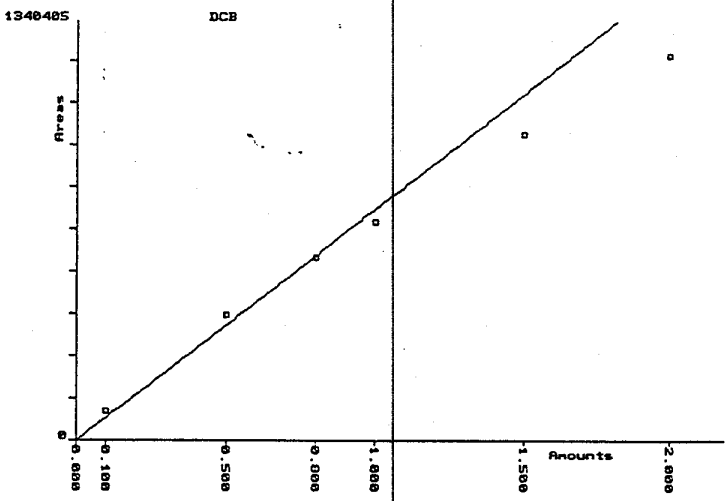


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	314699	15734.9E+01	G0919B.01A	09-19-1994 11:56
2	1.50000	280729	18715.3E+01	G0919B.02A	09-19-1994 11:56
3	0.10000	22078	22078.1E+01	G0919B.03A	09-19-1994 11:56
4	1.00000	224502	22450.2E+01	G0919B.04A	09-19-1994 11:56
5	0.80000	194174	24271.8E+01	G0919B.05A	09-19-1994 11:56
6	0.50000	138027	27605.4E+01	G0919B.07A	09-19-1994 11:56

Fit type = Average CF with equal weighting
Coef of determination= .6735327 Ave error=15.0584%
Area = 00.e00 +21.809e04*X^1
Average CF (EPA method 8000) = 218092.7031 with %RSD = 19.084%

Primary Column

17 **DCB** Ret time= 25.877 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 734731
Quantitation will be by peak area.



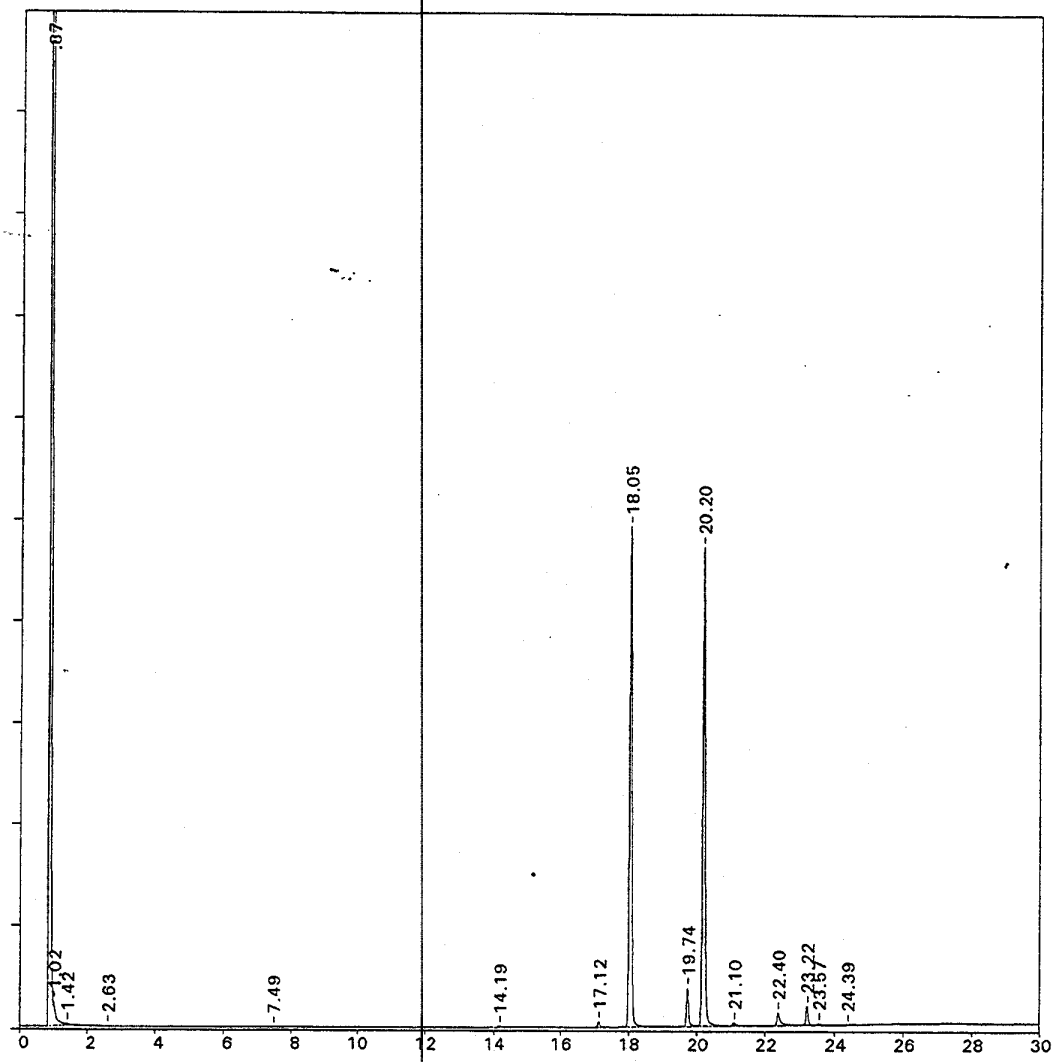
LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	1226991	61349.5E+01	G0919B.01A	09-19-1994 11:56
2	1.50000	973003	64866.9E+01	G0919B.02A	09-19-1994 11:56
3	0.10000	92849	92849.1E+01	G0919B.03A	09-19-1994 11:56
4	1.00000	694955	69495.5E+01	G0919B.04A	09-19-1994 11:56
5	0.80000	580839	72604.9E+01	G0919B.05A	09-19-1994 11:56
6	0.50000	398365	79672.9E+01	G0919B.07A	09-19-1994 11:56

Fit type = Average CF with equal weighting
Coef of determination= .9040143 Ave error=11.4330%
Area = 00.e00 +73.473e04*X^1
Average CF (EPA method 8000) = 734731.3125 with %RSD = 15.536%

Primary Column

50050

File=H:\CP2\HP7\G0919B.00R Date printed=09-19-1994 Time= 07:56:15
Sample Name=EVAL 1000646 DEGRADATION CHECK
0.0 to 30.0 min. Low Y=-0.974 High Y=199.026 mv Span=200.0 PASS



Primary Column

50051

Tx1701
50C---6/MIN---275C
ata file = H:\CP2\HP7\G0919B.00R
Date stamp = 09/19/94 Time = 07:55:54
ample name = EVAL 1000646 DEGRADATION CHECK
ollected on Sep 19, 1994 07:55:54 from port # 6
perator = DC
equence file = HP70919.SEQ #1
nstrument = HP7--DetB
ethod name = H:\CP2\HP7\HP78080B.MET version # 184
Date method last modified = 09/16/94 Time = 10:12:36
alibration file = H:\CP2\HP7\~~HP7PB74.C~~AL version # 3 Cal. Lib HP7TLB21
Date cal file last modified = 09/16/94 Time = 09:27:42
un time = 30.00 minutes Area reject = 0
mount injected = 1 Dilution Factor = 1
ample Weight = 1 Internal Standard Amount = 1
ampling rate = 5 per second
eak detect threshold = 4 Starting peak width = .03 minutes
hrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
oday's date = 09-19-1994 Time = 07:56:22

CSB 9-19-94

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.872		0.0000	0.0000%	3,027,676.5	75.213%	SBB	0.053	957,895.75	81.9850%
2	1.023		0.0000	0.0000%	3,091.5	0.077%	TVB	0.036	1,447.78	0.1239%
3	1.419		0.0000	0.0000%	454.5	0.011%	TBB	0.049	153.28	0.0131%
4	2.630		0.0000	0.0000%	277.2	0.007%	BB	0.049	93.48	0.0080%
5	7.488		0.0000	0.0000%	255.9	0.006%	BB	0.092	46.52	0.0040%
6	14.191		0.0000	0.0000%	1,234.7	0.031%	BB	0.084	245.08	0.0210%
7	17.125	DDE	0.0056	0.4375%	5,360.4	0.133%	BB	0.076	1,178.59	0.1009%
8	18.048	Endrin	0.5633	44.2503%	461,806.3	11.472%	BB	0.078	98,538.13	8.4337%
9	19.744	ENDOII & DDD	0.0223	1.7549%	35,280.6	0.876%	BV	0.079	7,480.71	0.6403%
10	20.200	DDT	0.6566	51.5837%	447,332.8	11.113%	VV	0.079	94,063.14	8.0507%
11	21.100	Endrin Aldehyde	0.0064	0.5032%	4,369.9	0.109%	VB	0.108	672.60	0.0576%
12	22.398		0.0000	0.0000%	19,425.9	0.483%	BB	0.130	2,484.80	0.2127%
13	23.224	END KET	0.0187	1.4704%	16,930.2	0.421%	BB	0.076	3,730.62	0.3193%
14	23.568		0.0000	0.0000%	1,742.0	0.043%	BB	0.095	305.51	0.0261%
15	24.388		0.0000	0.0000%	207.6	0.005%	BB	0.080	43.48	0.0037%

otal area = 4025446 Total amount = 1.272937 Sample units = ug/mL Total height = 1168379

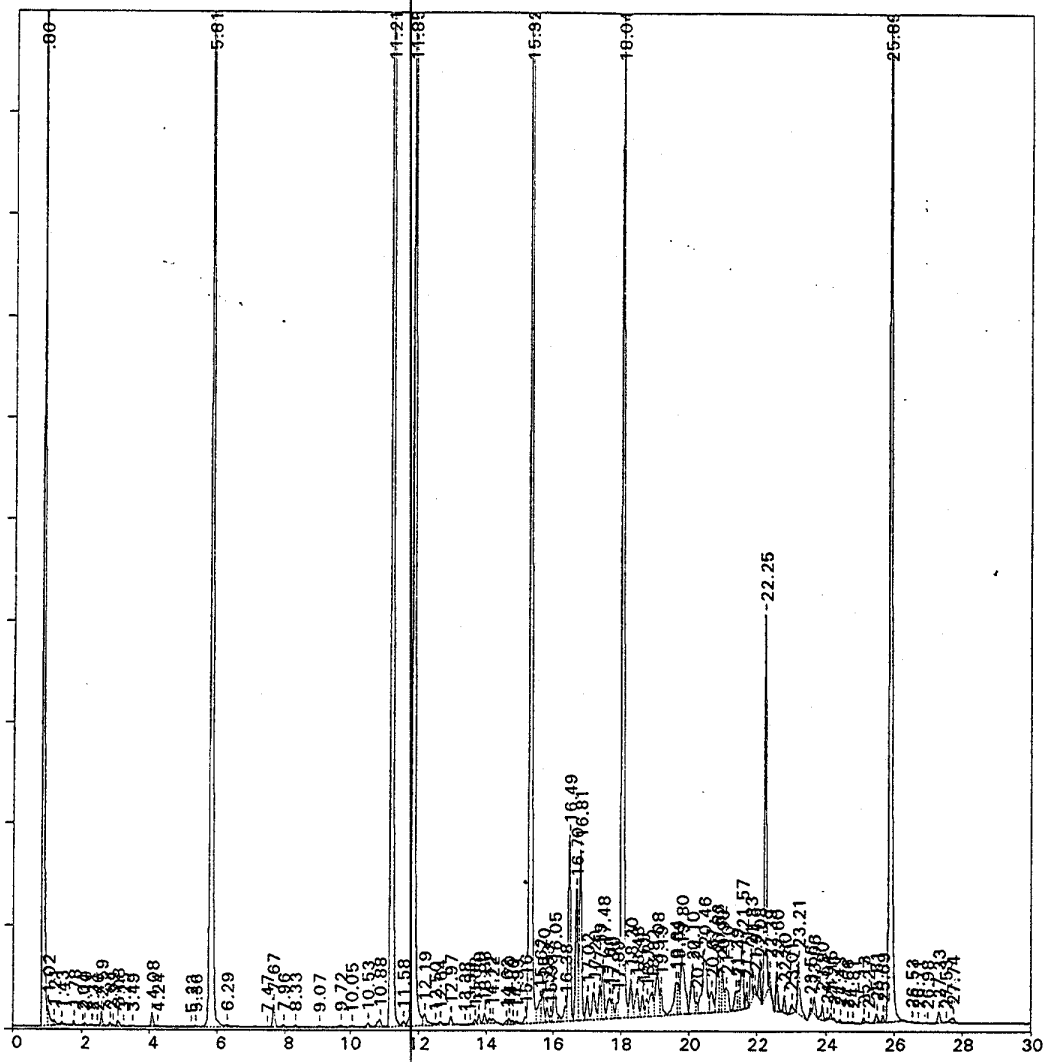
DDT% = $\frac{5360 + 35281}{40641 + 447333} \times 100 = 8.3$

CSB 9-19-94

ENDO% = $\frac{16930 + 4370}{21300 + 461806} \times 100 = 4.4$

50052

File=H:\CP2\HP7\G0919B.01R Date printed=09-19-1994 Time= 08:29:40
Sample Name=2.0 PPM TCLP PEST 1000684 INITIAL CALIBRATION
0.0 to 30.0 min. Low Y=-0.839 High Y=199.161 mv Span=200.0



Primary Column

50053

RTx1701
.50C---6/MIN---275C
Data file = h:\cp2\hp7\G0919B.01R
Date stamp = 09/19/94 Time = 08:29:52
Sample name = 2.0 PPM TCLP PEST 1000684 INITIAL CALIBRATION
Collected on Sep 19, 1994 08:29:14 from port # 6
Operator = DC
Sequence file = HP70919.SEQ #2
Instrument = HP7--DetB
Method name = H:\CP2\HP7\HP7UPDTb.MET version # 92
Date method last modified = 09/19/94 Time = 13:22:32
Calibration file = H:\CP2\HP7\HP7TLB21.CAL version # 4
Date cal file last modified = 09/19/94 Time = 12:04:12
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .03 minutes
Chrom-Perfect Software Serial # 14694 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 13:32:05

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.858		0.0000	0.0000%	893,498.3	8.015%	BV	0.047	318,783.38	13.1280%
2	1.025		0.0000	0.0000%	19,000.3	0.170%	VV	0.083	3,806.23	0.1567%
3	1.207		0.0000	0.0000%	4,798.7	0.043%	VV	0.072	1,112.61	0.0458%
4	1.427		0.0000	0.0000%	1,936.4	0.017%	VB	0.054	593.95	0.0245%
5	1.776		0.0000	0.0000%	2,427.0	0.022%	BB	0.044	915.94	0.0377%
6	2.039		0.0000	0.0000%	567.6	0.005%	BV	0.048	195.88	0.0081%
7	2.103		0.0000	0.0000%	2,092.5	0.019%	VV	0.066	532.17	0.0219%
8	2.306		0.0000	0.0000%	519.2	0.005%	VB	0.038	226.08	0.0093%
9	2.461		0.0000	0.0000%	530.8	0.005%	BV	0.045	198.29	0.0082%
10	2.590		0.0000	0.0000%	9,846.4	0.088%	VV	0.057	2,893.16	0.1191%
11	2.839		0.0000	0.0000%	2,797.1	0.025%	VV	0.060	776.27	0.0320%
12	2.922		0.0000	0.0000%	1,273.9	0.011%	VV	0.054	394.82	0.0163%
13	3.077		0.0000	0.0000%	5,109.3	0.046%	VV	0.081	1,054.23	0.0434%
14	3.246		0.0000	0.0000%	920.4	0.008%	VB	0.066	233.46	0.0096%
15	3.489		0.0000	0.0000%	488.3	0.004%	BB	0.056	145.17	0.0060%
16	4.083		0.0000	0.0000%	11,487.6	0.103%	BV	0.072	2,657.76	0.1095%
17	4.237		0.0000	0.0000%	828.4	0.007%	VB	0.076	182.79	0.0075%
18	5.230		0.0000	0.0000%	747.3	0.007%	BV	0.084	147.45	0.0061%
19	5.361		0.0000	0.0000%	1,077.4	0.010%	VV	0.094	191.68	0.0079%
20	5.814	m-XYLENE	1.6695	4.2318%	1,258,474.8	11.288%	SBB	0.084	248,699.66	10.2418%
21	6.292		0.0000	0.0000%	1,093.7	0.010%	TVB	0.083	219.56	0.0090%
22	7.475		0.0000	0.0000%	547.0	0.005%	BV	0.097	94.25	0.0039%
23	7.667		0.0000	0.0000%	19,399.3	0.174%	VV	0.076	4,264.70	0.1756%
24	7.963		0.0000	0.0000%	2,359.7	0.021%	VV	0.084	467.57	0.0193%
25	8.330		0.0000	0.0000%	1,961.3	0.018%	VB	0.077	425.01	0.0175%
26	9.073		0.0000	0.0000%	1,348.6	0.012%	BB	0.079	282.75	0.0116%
27	9.718		0.0000	0.0000%	2,938.4	0.026%	BV	0.121	406.12	0.0167%
28	10.048		0.0000	0.0000%	2,067.5	0.019%	VV	0.105	327.95	0.0135%
29	10.531		0.0000	0.0000%	3,765.1	0.034%	VB	0.089	702.19	0.0289%
30	10.879		0.0000	0.0000%	9,909.2	0.089%	BB	0.118	1,395.71	0.0575%
31	11.212	g-BHC	1.6860	4.2735%	1,682,314.3	15.090%	BV	0.074	376,753.28	15.5153%
32	11.578		0.0000	0.0000%	5,025.8	0.045%	VV	0.097	867.91	0.0357%
33	11.847	Heptachlor	1.5636	3.9633%	1,267,044.8	11.365%	VV	0.082	257,824.73	10.6176%
34	12.188		0.0000	0.0000%	17,816.2	0.160%	VV	0.132	2,255.90	0.0929%
35	12.498		0.0000	0.0000%	2,270.2	0.020%	VV	0.114	331.40	0.0136%
36	12.643		0.0000	0.0000%	4,422.6	0.040%	VV	0.128	577.31	0.0238%
37	12.966		0.0000	0.0000%	7,772.7	0.070%	VB	0.085	1,526.47	0.0629%

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58	13.375		0.0000	0.0000%	630.1	0.006%	BB	0.082	127.31	0.0052%	
59	13.525		0.0000	0.0000%	393.9	0.004%	BV	0.071	92.20	0.0038%	
60	13.678		0.0000	0.0000%	3,832.6	0.034%	VV	0.073	878.13	0.0362%	
61	13.802		0.0000	0.0000%	7,806.4	0.070%	VV	0.071	1,827.52	0.0753%	
62	13.962		0.0000	0.0000%	9,257.7	0.083%	VV	0.080	1,937.08	0.0798%	
63	14.119		0.0000	0.0000%	4,394.8	0.039%	VV	0.077	949.46	0.0391%	
64	14.217		0.0000	0.0000%	4,968.3	0.045%	VB	0.090	916.90	0.0378%	
65	14.618		0.0000	0.0000%	3,116.0	0.028%	BV	0.071	727.41	0.0300%	
66	14.702		0.0000	0.0000%	5,932.3	0.053%	VV	0.080	1,240.26	0.0511%	
67	14.805		0.0000	0.0000%	3,363.7	0.030%	VV	0.075	745.93	0.0307%	
68	14.926		0.0000	0.0000%	2,970.5	0.027%	VV	0.085	583.93	0.0240%	
69	15.165		0.0000	0.0000%	5,415.7	0.049%	VV	0.070	1,281.10	0.0528%	
70	15.318	Hept. Epox.	1.6494	4.1808%	1,322,853.8	11.866%	VV	0.078	281,099.56	11.5761%	
71	15.616		0.0000	0.0000%	28,623.3	0.257%	VV	0.111	4,290.73	0.1767%	
72	15.697		0.0000	0.0000%	34,136.6	0.306%	VV	0.091	6,238.56	0.2569%	
73	15.830		0.0000	0.0000%	14,551.3	0.131%	VV	0.085	2,848.54	0.1173%	
74	15.926		0.0000	0.0000%	4,027.3	0.036%	VV	0.061	1,102.00	0.0454%	
75	16.048	CHLOR #1	1.9601	4.9684%	46,851.9	0.420%	VV	0.084	9,317.83	0.3837%	
76	16.376		0.0000	0.0000%	15,620.1	0.140%	VV	0.089	2,912.30	0.1199%	
77	16.486	CHLOR #2	1.8519	4.6940%	168,738.9	1.514%	VV	0.078	36,254.00	1.4930%	
78	16.701	CHLOR #3	1.9239	4.8767%	114,646.1	1.028%	VV	0.075	25,635.22	1.0557%	
79	16.815	CHLOR #4	1.7978	4.5569%	158,611.4	1.423%	VV	0.080	33,174.61	1.3662%	
80	17.021		0.0000	0.0000%	24,367.0	0.219%	VV	0.085	4,755.91	0.1959%	
81	17.203		0.0000	0.0000%	36,566.4	0.328%	VV	0.116	5,265.92	0.2169%	
82	17.388		0.0000	0.0000%	28,849.4	0.259%	VV	0.073	6,629.75	0.2730%	
83	17.483	CHLOR #5	2.0249	5.1326%	52,075.3	0.467%	VV	0.073	11,971.03	0.4930%	
84	17.676		0.0000	0.0000%	27,358.0	0.245%	VV	0.112	4,079.21	0.1680%	
85	17.762		0.0000	0.0000%	17,136.3	0.154%	VV	0.073	3,902.57	0.1607%	
86	17.890		0.0000	0.0000%	11,439.3	0.103%	VV	0.063	3,004.78	0.1237%	
87	18.042	Endrin	1.5607	3.9559%	1,044,435.2	9.368%	VV	0.079	220,042.94	9.0617%	
88	18.298		0.0000	0.0000%	42,137.0	0.378%	VV	0.094	7,493.90	0.3086%	
89	18.479	TOX #1	3.6188	9.1729%	39,046.6	0.350%	VV	0.116	5,618.18	0.2314%	
90	18.646		0.0000	0.0000%	21,002.9	0.188%	VV	0.083	4,204.85	0.1732%	
91	18.767		0.0000	0.0000%	16,353.1	0.147%	VV	0.077	3,539.85	0.1458%	
92	18.924		0.0000	0.0000%	38,517.9	0.346%	VV	0.133	4,823.05	0.1986%	
93	19.076	TOX #2	3.7080	9.3988%	57,142.6	0.513%	VV	0.115	8,251.29	0.3398%	
94	19.189		0.0000	0.0000%	30,198.5	0.271%	VB	0.092	5,485.90	0.2259%	
95	19.636		0.0000	0.0000%	41,230.7	0.370%	BV	0.108	6,369.11	0.2623%	
96	19.689		0.0000	0.0000%	26,676.0	0.239%	VV	0.070	6,383.26	0.2629%	
97	19.802		0.0000	0.0000%	97,497.3	0.875%	VV	0.145	11,206.58	0.4615%	
98	20.102	TOX #3	4.1066	10.4092%	52,193.8	0.468%	VV	0.112	7,778.59	0.3203%	
99	20.235		0.0000	0.0000%	9,698.2	0.087%	VV	0.071	2,264.49	0.0933%	
100	20.456		0.0000	0.0000%	112,938.9	1.013%	VV	0.179	10,495.15	0.4322%	
101	20.667		0.0000	0.0000%	28,670.4	0.257%	VV	0.114	4,175.30	0.1719%	
102	20.834		0.0000	0.0000%	44,067.1	0.395%	VV	0.081	9,027.38	0.3718%	
103	20.918		0.0000	0.0000%	37,861.7	0.340%	VV	0.073	8,601.98	0.3542%	
104	20.976		0.0000	0.0000%	31,791.8	0.285%	VV	0.068	7,810.36	0.3216%	
105	21.098		0.0000	0.0000%	38,677.0	0.347%	VB	0.135	4,763.98	0.1962%	
106	21.394		0.0000	0.0000%	21,429.0	0.192%	BV	0.092	3,891.73	0.1603%	
107	21.469		0.0000	0.0000%	13,871.1	0.124%	VV	0.059	3,887.69	0.1601%	
108	21.571		0.0000	0.0000%	64,700.0	0.580%	VV	0.082	13,187.94	0.5431%	
109	21.707		0.0000	0.0000%	10,911.9	0.098%	VB	0.056	3,269.91	0.1347%	
110	21.830	TOX #4	3.3940	8.6030%	29,259.5	0.262%	BB	0.060	8,167.83	0.3364%	
111	21.941		0.0000	0.0000%	7,772.0	0.070%	BB	0.064	2,037.75	0.0839%	
112	22.082	TOX #5	3.8235	9.6917%	23,728.6	0.213%	BB	0.067	5,896.43	0.2428%	
113	22.254	METHOXYCHLOR	1.4430	3.6575%	314,698.5	2.823%	BB	0.070	75,016.27	3.0893%	
114	22.391		0.0000	0.0000%	15,886.9	0.143%	BB	0.066	4,038.60	0.1663%	
115	22.598		0.0000	0.0000%	31,428.6	0.282%	BB	0.068	7,705.63	0.3173%	
116	22.800		0.0000	0.0000%	15,114.5	0.136%	BB	0.073	3,455.03	0.1423%	
117	23.015		0.0000	0.0000%	11,758.5	0.105%	BB	0.105	1,869.39	0.0770%	

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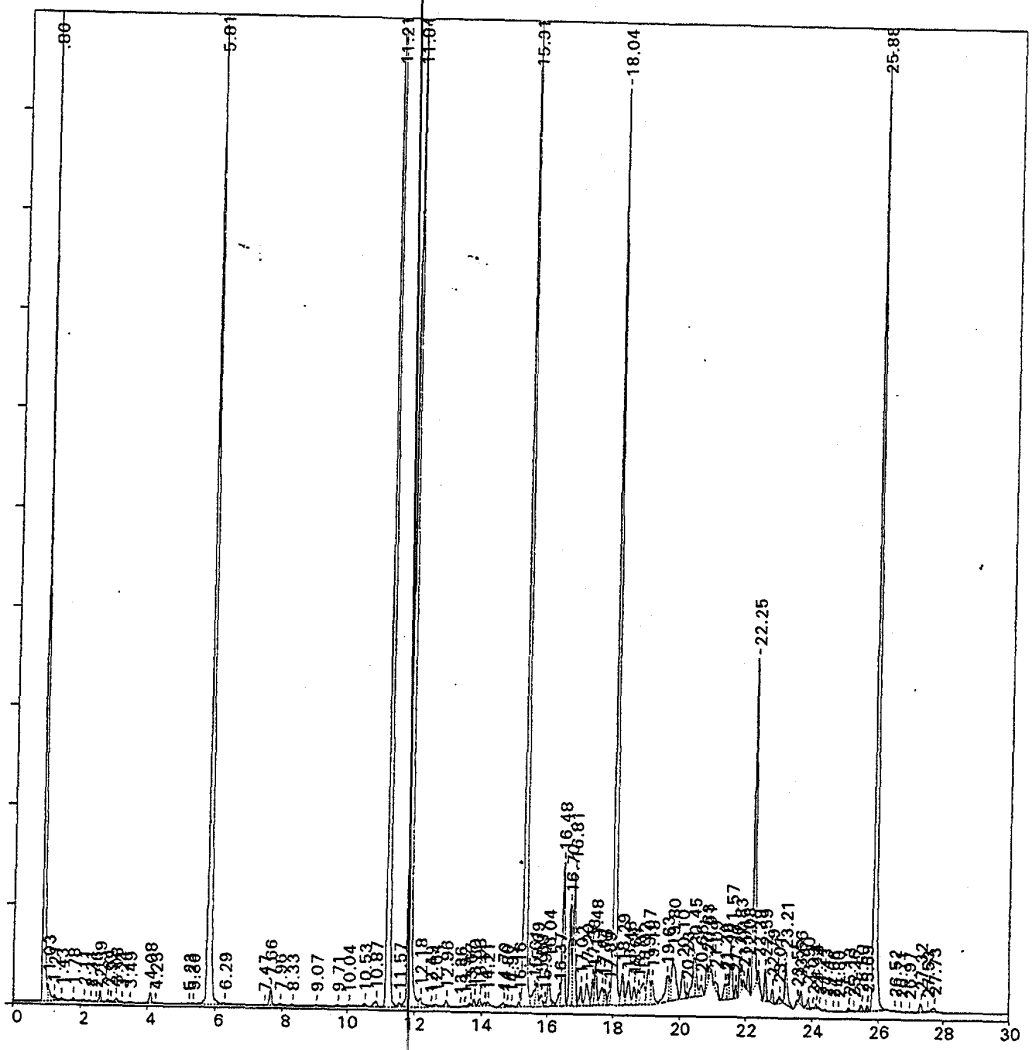
98	23.214		0.0000	0.0000%	55,155.0	0.495%	BB	0.089	10,313.66	0.4247%
99	23.559		0.0000	0.0000%	4,099.1	0.037%	BB	0.059	1,151.98	0.0474%
00	23.663		0.0000	0.0000%	15,932.4	0.143%	BB	0.081	3,285.24	0.1353%
01	23.903		0.0000	0.0000%	13,918.6	0.125%	BB	0.075	3,095.41	0.1275%
02	24.036		0.0000	0.0000%	1,375.5	0.012%	BB	0.049	466.83	0.0192%
03	24.147		0.0000	0.0000%	4,021.1	0.036%	BB	0.060	1,111.67	0.0458%
04	24.247		0.0000	0.0000%	1,642.5	0.015%	BB	0.058	468.30	0.0193%
05	24.431		0.0000	0.0000%	2,609.4	0.023%	BB	0.073	597.12	0.0246%
06	24.662		0.0000	0.0000%	800.6	0.007%	BB	0.061	219.44	0.0090%
07	24.805		0.0000	0.0000%	1,195.6	0.011%	BB	0.085	233.28	0.0096%
08	25.133		0.0000	0.0000%	4,037.4	0.036%	BB	0.072	937.53	0.0386%
09	25.266		0.0000	0.0000%	846.1	0.008%	BB	0.058	241.71	0.0100%
0	25.506		0.0000	0.0000%	8,516.1	0.076%	BB	0.086	1,658.69	0.0683%
1	25.692		0.0000	0.0000%	5,495.8	0.049%	BB	0.063	1,454.31	0.0599%
2	25.892	DCB	1.6700	4.2330%	1,226,990.9	11.006%	BB	0.084	242,375.02	9.9814%
3	26.532		0.0000	0.0000%	798.5	0.007%	BB	0.072	184.13	0.0076%
4	26.710		0.0000	0.0000%	589.0	0.005%	BB	0.073	133.77	0.0055%
5	26.983		0.0000	0.0000%	561.9	0.005%	BB	0.089	105.60	0.0043%
6	27.330		0.0000	0.0000%	11,550.9	0.104%	BB	0.090	2,132.26	0.0878%
7	27.535		0.0000	0.0000%	480.1	0.004%	BB	0.061	131.95	0.0054%
8	27.739		0.0000	0.0000%	8,045.0	0.072%	BB	0.139	965.05	0.0397%

tal area = 1.114837E+07 Total amount = 39.45165 Sample units = ug/mL Total height = 2428277

ile=H:\CP2\HP7\G0919B.02R Date printed=09-19-1994 Time= 09:02:57
ample Name=1.5 PPM TCLP PEST 1000684 INITIAL CALIBRATION
.0 to 30.0 min. Low Y=-0.816 High Y=199.184 mv Span=200.0



Primary Column

50057

RTx1701
.50C---6/MIN---275C
Data file = h:\cp2\hp7\G0919B.02R
Date stamp = 09/19/94 Time = 09:03:12
Sample name = 1.5 PPM TCLP PEST 1000684 INITIAL CALIBRATION
Collected on Sep 19, 1994 09:02:31 from port # 6
Operator = DC
Sequence file = HP70919.SEQ #3
Instrument = HP7--DetB
Method name = H:\CP2\HP7\HP7UPDTb.MET version # 92
Date method last modified = 09/19/94 Time = 13:22:32
Calibration file = H:\CP2\HP7\HP7TLB21.CAL version # 4
Date cal file last modified = 09/19/94 Time = 12:04:12
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .03 minutes
Chrom-Perfect Software Serial # 14694 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 13:32:31

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.860		0.0000	0.0000%	598,189.3	6.805%	BV	0.050	199,141.02	10.5209%
2	1.026		0.0000	0.0000%	17,378.5	0.198%	VV	0.088	3,302.33	0.1745%
3	1.208		0.0000	0.0000%	4,913.8	0.056%	VV	0.068	1,196.73	0.0632%
4	1.428		0.0000	0.0000%	1,902.3	0.022%	VB	0.054	583.85	0.0308%
5	1.776		0.0000	0.0000%	1,846.0	0.021%	BB	0.045	686.73	0.0363%
6	2.109		0.0000	0.0000%	2,117.4	0.024%	BB	0.093	378.97	0.0200%
7	2.306		0.0000	0.0000%	478.6	0.005%	BB	0.039	204.52	0.0108%
8	2.461		0.0000	0.0000%	477.2	0.005%	BV	0.049	162.95	0.0086%
9	2.590		0.0000	0.0000%	7,759.1	0.088%	VV	0.058	2,217.36	0.1171%
10	2.838		0.0000	0.0000%	2,226.9	0.025%	VV	0.061	604.92	0.0320%
11	2.921		0.0000	0.0000%	996.7	0.011%	VV	0.054	309.27	0.0163%
12	3.076		0.0000	0.0000%	4,037.3	0.046%	VV	0.082	824.71	0.0436%
13	3.245		0.0000	0.0000%	738.4	0.008%	VB	0.064	193.40	0.0102%
14	3.488		0.0000	0.0000%	411.5	0.005%	BB	0.058	119.08	0.0063%
15	4.081		0.0000	0.0000%	9,145.5	0.104%	BV	0.072	2,114.16	0.1117%
16	4.234		0.0000	0.0000%	770.5	0.009%	VB	0.090	142.03	0.0075%
17	5.229		0.0000	0.0000%	618.2	0.007%	BV	0.085	120.53	0.0064%
18	5.358		0.0000	0.0000%	876.0	0.010%	VV	0.086	169.82	0.0090%
19	5.810	m-XYLENE	1.3240	4.1866%	997,996.1	11.354%	VV	0.084	197,456.33	10.4319%
20	6.288		0.0000	0.0000%	2,444.0	0.028%	VB	0.134	303.14	0.0160%
21	7.468		0.0000	0.0000%	479.6	0.005%	BV	0.095	84.29	0.0045%
22	7.663		0.0000	0.0000%	14,805.6	0.168%	VV	0.076	3,245.36	0.1715%
23	7.959		0.0000	0.0000%	1,924.0	0.022%	VV	0.086	371.06	0.0196%
24	8.326		0.0000	0.0000%	1,524.7	0.017%	VB	0.076	333.12	0.0176%
25	9.068		0.0000	0.0000%	1,169.9	0.013%	BB	0.080	243.38	0.0129%
26	9.714		0.0000	0.0000%	2,279.7	0.026%	BB	0.118	322.55	0.0170%
27	10.044		0.0000	0.0000%	1,609.2	0.018%	BB	0.089	301.31	0.0159%
28	10.526		0.0000	0.0000%	3,079.8	0.035%	BB	0.087	586.71	0.0310%
29	10.873		0.0000	0.0000%	8,294.0	0.094%	BB	0.119	1,165.30	0.0616%
30	11.206	g-BHC	1.3696	4.3310%	1,366,644.3	15.547%	BV	0.076	301,484.34	15.9278%
31	11.573		0.0000	0.0000%	4,684.1	0.053%	VV	0.096	815.05	0.0431%
32	11.842	Heptachlor	1.3200	4.1742%	1,069,683.3	12.169%	VV	0.082	218,523.69	11.5449%
33	12.183		0.0000	0.0000%	14,474.8	0.165%	VV	0.132	1,825.15	0.0964%
34	12.493		0.0000	0.0000%	1,967.1	0.022%	VV	0.118	278.51	0.0147%
35	12.638		0.0000	0.0000%	3,731.1	0.042%	VV	0.130	478.52	0.0253%
36	12.961		0.0000	0.0000%	6,384.7	0.073%	VB	0.086	1,241.31	0.0656%
37	13.365		0.0000	0.0000%	524.0	0.006%	BB	0.082	106.08	0.0056%

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8	13.518		0.0000	0.0000%	332.2	0.004%	BV	0.069	80.79	0.0043%
9	13.674		0.0000	0.0000%	3,156.6	0.036%	VV	0.073	718.78	0.0380%
0	13.797		0.0000	0.0000%	6,235.9	0.071%	VV	0.071	1,468.00	0.0776%
1	13.956		0.0000	0.0000%	7,609.3	0.087%	VV	0.080	1,583.49	0.0837%
2	14.114		0.0000	0.0000%	3,242.2	0.037%	VV	0.076	713.99	0.0377%
3	14.212		0.0000	0.0000%	4,229.7	0.048%	VB	0.090	786.58	0.0416%
4	14.697		0.0000	0.0000%	7,369.4	0.084%	BV	0.124	994.38	0.0525%
5	14.800		0.0000	0.0000%	2,628.4	0.030%	VV	0.075	586.72	0.0310%
6	14.924		0.0000	0.0000%	2,681.2	0.031%	VV	0.087	511.34	0.0270%
7	15.161		0.0000	0.0000%	4,185.2	0.048%	VV	0.069	1,010.49	0.0534%
8	15.314	Hept. Epox.	1.3467	4.2587%	1,080,118.9	12.288%	VV	0.078	230,206.44	12.1621%
9	15.613		0.0000	0.0000%	23,147.2	0.263%	VV	0.116	3,313.39	0.1751%
0	15.694		0.0000	0.0000%	25,880.9	0.294%	VV	0.088	4,909.39	0.2594%
1	15.825		0.0000	0.0000%	11,909.6	0.135%	VV	0.084	2,352.58	0.1243%
2	15.923		0.0000	0.0000%	3,283.3	0.037%	VV	0.061	899.78	0.0475%
3	16.044	CHLOR #1	1.5331	4.8478%	36,644.1	0.417%	VV	0.083	7,322.64	0.3869%
4	16.373		0.0000	0.0000%	13,394.8	0.152%	VV	0.088	2,538.36	0.1341%
5	16.481	CHLOR #2	1.4703	4.6492%	133,967.1	1.524%	VV	0.077	28,838.78	1.5236%
6	16.696	CHLOR #3	1.4973	4.7349%	89,225.8	1.015%	VV	0.073	20,286.39	1.0718%
7	16.810	CHLOR #4	1.4526	4.5934%	128,157.2	1.458%	VV	0.079	26,871.11	1.4196%
8	17.017		0.0000	0.0000%	19,266.2	0.219%	VV	0.085	3,778.52	0.1996%
9	17.199		0.0000	0.0000%	29,866.8	0.340%	VV	0.116	4,296.09	0.2270%
0	17.383		0.0000	0.0000%	22,333.1	0.254%	VV	0.071	5,237.93	0.2767%
1	17.478	CHLOR #5	1.5865	5.0167%	40,799.9	0.464%	VV	0.073	9,270.35	0.4898%
2	17.672		0.0000	0.0000%	22,557.3	0.257%	VV	0.112	3,356.82	0.1773%
3	17.757		0.0000	0.0000%	13,721.3	0.156%	VV	0.072	3,158.32	0.1669%
4	17.887		0.0000	0.0000%	9,511.3	0.108%	VV	0.064	2,489.42	0.1315%
5	18.036	Endrin	1.3159	4.1612%	880,641.5	10.018%	VV	0.080	184,569.63	9.7511%
6	18.293		0.0000	0.0000%	34,788.1	0.396%	VV	0.094	6,137.16	0.3242%
7	18.475	TOX #1	2.9685	9.3870%	32,029.6	0.364%	VV	0.116	4,585.74	0.2423%
8	18.642		0.0000	0.0000%	17,317.6	0.197%	VV	0.084	3,448.51	0.1822%
9	18.763		0.0000	0.0000%	13,198.4	0.150%	VV	0.078	2,823.92	0.1492%
0	18.921		0.0000	0.0000%	32,513.5	0.370%	VV	0.131	4,127.48	0.2181%
1	19.071	TOX #2	3.0464	9.6335%	46,948.0	0.534%	VV	0.115	6,815.97	0.3601%
2	19.185		0.0000	0.0000%	25,588.8	0.291%	VB	0.093	4,592.74	0.2426%
3	19.631		0.0000	0.0000%	33,528.9	0.381%	BV	0.110	5,096.98	0.2693%
4	19.797		0.0000	0.0000%	71,702.9	0.816%	VV	0.141	8,471.87	0.4476%
5	20.098	TOX #3	2.7848	8.8061%	35,394.2	0.403%	VV	0.103	5,730.01	0.3027%
6	20.230		0.0000	0.0000%	4,004.0	0.046%	VV	0.063	1,052.00	0.0556%
7	20.450		0.0000	0.0000%	44,589.6	0.507%	VV	0.096	7,762.95	0.4101%
8	20.661		0.0000	0.0000%	12,283.2	0.140%	VB	0.094	2,184.62	0.1154%
9	20.830		0.0000	0.0000%	15,967.6	0.182%	BV	0.063	4,205.16	0.2222%
0	20.912		0.0000	0.0000%	6,110.6	0.070%	VB	0.058	1,753.92	0.0927%
1	21.094		0.0000	0.0000%	13,674.0	0.156%	BB	0.134	1,695.11	0.0896%
2	21.389		0.0000	0.0000%	16,844.1	0.192%	BV	0.090	3,136.09	0.1657%
3	21.465		0.0000	0.0000%	11,803.5	0.134%	VV	0.062	3,159.10	0.1669%
4	21.567		0.0000	0.0000%	51,995.3	0.592%	VV	0.080	10,858.76	0.5737%
5	21.702		0.0000	0.0000%	8,480.0	0.096%	VB	0.055	2,548.16	0.1346%
6	21.825	TOX #4	2.8495	9.0108%	24,565.6	0.279%	BB	0.060	6,854.17	0.3621%
7	21.937		0.0000	0.0000%	5,964.8	0.068%	BB	0.061	1,625.92	0.0859%
8	22.076	TOX #5	3.1468	9.9507%	19,528.6	0.222%	BB	0.067	4,833.68	0.2554%
9	22.248	METHOXYCHLOR	1.2872	4.0704%	280,729.4	3.194%	BB	0.070	66,493.43	3.5129%
0	22.387		0.0000	0.0000%	12,111.9	0.138%	BB	0.061	3,292.57	0.1740%
1	22.593		0.0000	0.0000%	26,169.2	0.298%	BB	0.068	6,408.37	0.3386%
2	22.794		0.0000	0.0000%	12,027.6	0.137%	BB	0.072	2,787.04	0.1472%
3	23.010		0.0000	0.0000%	9,331.2	0.106%	BB	0.106	1,468.37	0.0776%
4	23.208		0.0000	0.0000%	45,376.5	0.516%	BB	0.088	8,642.56	0.4566%
5	23.554		0.0000	0.0000%	3,055.6	0.035%	BB	0.058	872.13	0.0461%
6	23.659		0.0000	0.0000%	12,612.7	0.143%	BB	0.080	2,628.93	0.1389%
7	23.898		0.0000	0.0000%	10,615.8	0.121%	BB	0.078	2,265.02	0.1197%

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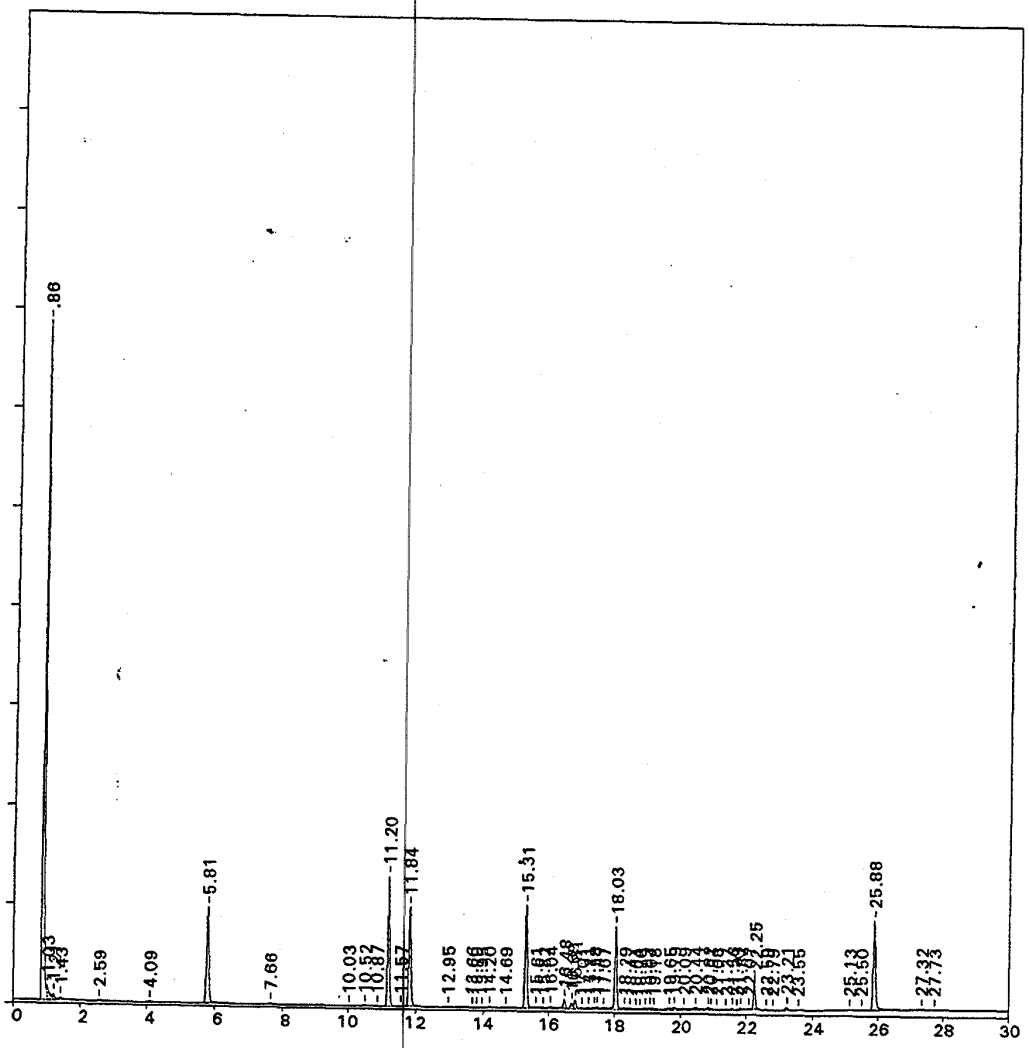
98	24.031		0.0000	0.0000%	962.4	0.011%	BB	0.048	333.24	0.0176%	
99	24.142		0.0000	0.0000%	3,105.2	0.035%	BB	0.060	862.32	0.0456%	
00	24.244		0.0000	0.0000%	1,515.2	0.017%	BB	0.063	399.69	0.0211%	
01	24.425		0.0000	0.0000%	1,802.3	0.021%	BB	0.073	412.25	0.0218%	
02	24.657		0.0000	0.0000%	647.5	0.007%	BB	0.062	174.07	0.0092%	
03	24.802		0.0000	0.0000%	869.9	0.010%	BB	0.084	171.64	0.0091%	
04	25.128		0.0000	0.0000%	3,243.4	0.037%	BB	0.072	749.12	0.0396%	
05	25.260		0.0000	0.0000%	636.9	0.007%	BB	0.057	185.27	0.0098%	
06	25.500		0.0000	0.0000%	6,800.1	0.077%	BB	0.085	1,331.98	0.0704%	
07	25.686		0.0000	0.0000%	4,570.0	0.052%	BB	0.064	1,195.20	0.0631%	
08	25.885	DCB	1.3243	4.1877%	973,003.4	11.069%	BB	0.084	191,926.67	10.1398%	
09	26.523		0.0000	0.0000%	641.4	0.007%	BB	0.074	143.94	0.0076%	
10	26.706		0.0000	0.0000%	449.5	0.005%	BB	0.073	103.18	0.0055%	
11	26.972		0.0000	0.0000%	389.6	0.004%	BB	0.089	72.87	0.0038%	
12	27.323		0.0000	0.0000%	9,297.0	0.106%	BB	0.090	1,715.56	0.0906%	
13	27.527		0.0000	0.0000%	486.6	0.006%	BB	0.062	131.76	0.0070%	
14	27.732		0.0000	0.0000%	6,237.8	0.071%	BB	0.137	758.76	0.0401%	

otal area = 8790188 Total amount = 31.62357 Sample units = ug/mL Total height = 1892814

ile=H:\CP2\HP7\G0919B.03R Date printed=09-19-1994 Time= 09:36:16
ample Name=.10 PPM TCLP PEST 1000684 INITIAL CALIBRATION
.0 to 30.0 min. Low Y=-0.857 High Y=199.143 mv Span=200.0



Primary Column

50061

:x1701
50C---6/MIN---275C
ıta file = h:\cp2\hp7\G0919B.03R
Date stamp = 09/19/94 Time = 09:36:24
ımple name = .10 PPM TCLP PEST 1000684 INITIAL CALIBRATION
ollected on Sep 19, 1994 09:35:52 from port # 6
perator = DC
equence file = HP70919.SEQ #4
ıstrument = HP7--DetB
ethod name = H:\CP2\HP7\HP7UPDTb.MET version # 92
Date method last modified = 09/19/94 Time = 13:22:32
ılibration file = H:\CP2\HP7\HP7TLB21.CAL version # 4
Date cal file last modified = 09/19/94 Time = 12:04:12
ın time = 30.00 minutes Area reject = 0
nount injected = 1 Dilution Factor = 1
ımple Weight = 1 Internal Standard Amount = 1
ampling rate = 5 per second
eak detect threshold = 4 Starting peak width = .03 minutes
ırom-Perfect Software Serial # 14694 Version = 6.07 For ARDL
oday's date = 09-19-1994 Time = 13:32:55

<	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.860		0.0000	0.0000%	432,148.1	38.600%	BV	0.053	137,058.78	48.3859%
2	1.028		0.0000	0.0000%	16,015.9	1.431%	VV	0.091	2,922.98	1.0319%
3	1.209		0.0000	0.0000%	5,384.6	0.481%	VV	0.072	1,243.84	0.4391%
4	1.427		0.0000	0.0000%	3,065.3	0.274%	VB	0.091	562.77	0.1987%
5	2.591		0.0000	0.0000%	899.8	0.080%	BB	0.094	160.05	0.0565%
6	4.093		0.0000	0.0000%	1,015.4	0.091%	BB	0.077	219.08	0.0773%
7	5.807	m-XYLENE	0.1218	6.1286%	91,824.9	8.202%	BB	0.079	19,253.94	6.7972%
8	7.658		0.0000	0.0000%	868.0	0.078%	BB	0.074	194.58	0.0687%
9	10.034		0.0000	0.0000%	258.4	0.023%	BB	0.078	54.87	0.0194%
0	10.518		0.0000	0.0000%	387.5	0.035%	BV	0.097	66.41	0.0234%
1	10.867		0.0000	0.0000%	637.0	0.057%	VB	0.122	86.82	0.0306%
2	11.203	g-BHC	0.1124	5.6544%	112,146.0	10.017%	BB	0.071	26,204.42	9.2509%
3	11.565		0.0000	0.0000%	347.9	0.031%	BB	0.072	80.35	0.0284%
4	11.838	Heptachlor	0.1120	5.6330%	90,731.4	8.104%	BB	0.076	19,936.51	7.0382%
5	12.953		0.0000	0.0000%	388.1	0.035%	BB	0.083	77.93	0.0275%
6	13.665		0.0000	0.0000%	231.8	0.021%	BV	0.073	52.96	0.0187%
7	13.793		0.0000	0.0000%	406.1	0.036%	VV	0.069	98.25	0.0347%
8	13.948		0.0000	0.0000%	586.4	0.052%	VV	0.081	120.29	0.0425%
9	14.198		0.0000	0.0000%	693.6	0.062%	VB	0.092	125.74	0.0444%
0	14.688		0.0000	0.0000%	325.4	0.029%	BB	0.113	47.95	0.0169%
1	15.309	Hept. Epox.	0.1151	5.7915%	92,325.6	8.247%	BV	0.074	20,788.56	7.3390%
2	15.605		0.0000	0.0000%	1,583.8	0.141%	VV	0.126	208.75	0.0737%
3	15.816		0.0000	0.0000%	829.5	0.074%	VV	0.091	152.31	0.0538%
4	16.039	CHLOR #1	0.0826	4.1567%	1,974.8	0.176%	VV	0.083	397.07	0.1402%
5	16.477	CHLOR #2	0.0920	4.6271%	8,380.3	0.749%	VV	0.083	1,692.24	0.5974%
6	16.692	CHLOR #3	0.0835	4.1995%	4,974.1	0.444%	VV	0.070	1,182.11	0.4173%
7	16.805	CHLOR #4	0.0906	4.5559%	7,989.4	0.714%	VV	0.076	1,754.93	0.6195%
8	17.011		0.0000	0.0000%	1,061.5	0.095%	VV	0.084	211.48	0.0747%
9	17.207		0.0000	0.0000%	1,640.0	0.146%	VV	0.108	253.80	0.0896%
0	17.377		0.0000	0.0000%	1,199.2	0.107%	VV	0.074	271.23	0.0958%
1	17.473	CHLOR #5	0.0758	3.8135%	1,949.4	0.174%	VV	0.076	427.98	0.1511%
2	17.665		0.0000	0.0000%	1,308.4	0.117%	VV	0.114	190.72	0.0673%
3	18.032	Endrin	0.1128	5.6749%	75,487.6	6.743%	VV	0.075	16,695.16	5.8939%
4	18.289		0.0000	0.0000%	1,895.5	0.169%	VV	0.094	336.19	0.1187%
5	18.465	TOX #1	0.1574	7.9172%	1,698.0	0.152%	VV	0.120	235.76	0.0832%
6	18.636		0.0000	0.0000%	830.7	0.074%	VV	0.083	167.35	0.0591%
7	18.755		0.0000	0.0000%	619.9	0.055%	VV	0.077	133.50	0.0471%

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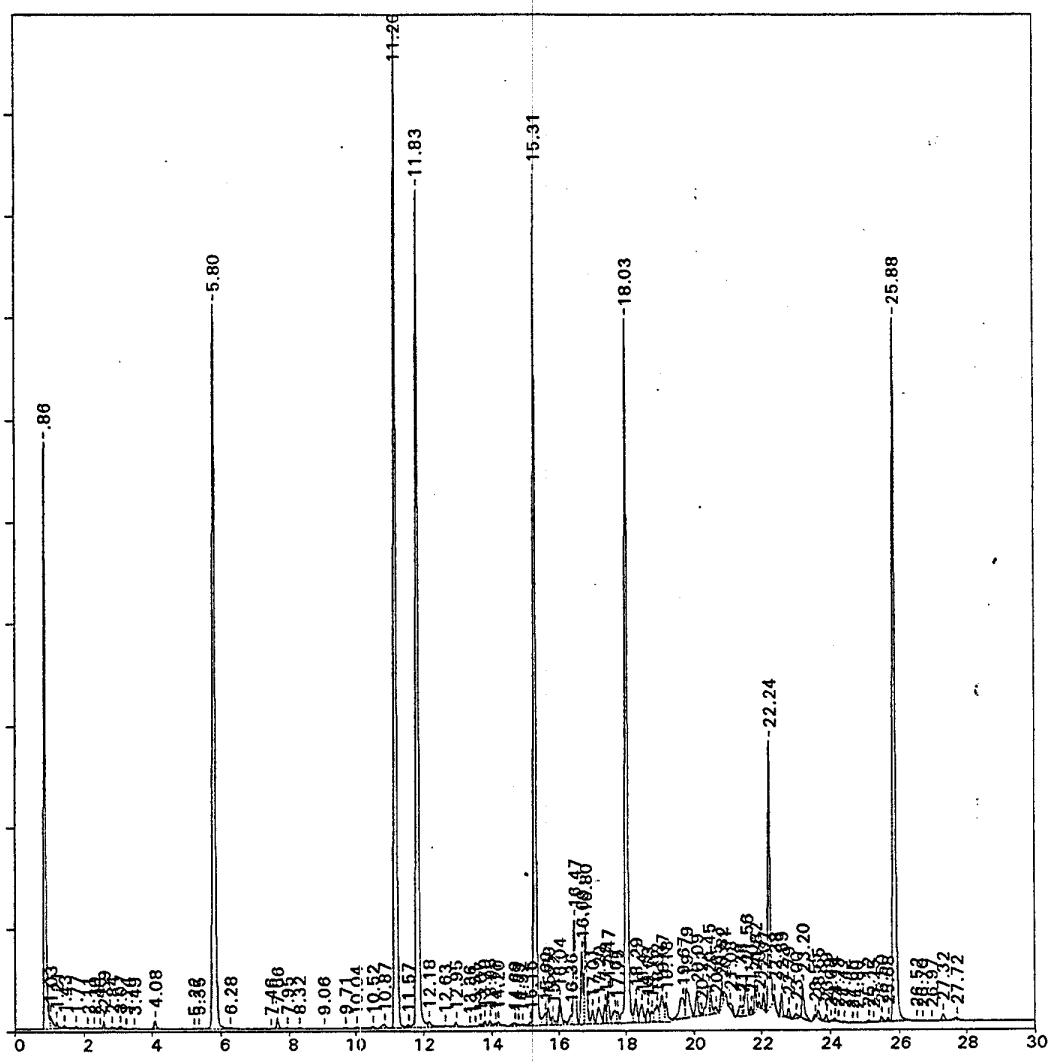
38	18.921		0.0000	0.0000%	1,911.3	0.171%	VV	0.110	290.02	0.1024%
39	19.065	TOX #2	0.1474	7.4177%	2,272.2	0.203%	VV	0.110	344.29	0.1215%
40	19.182		0.0000	0.0000%	1,367.1	0.122%	VB	0.083	273.51	0.0966%
41	19.648		0.0000	0.0000%	3,931.3	0.351%	BV	0.161	406.70	0.1436%
42	19.794		0.0000	0.0000%	4,406.7	0.394%	VV	0.142	517.87	0.1828%
43	20.093	TOX #3	0.1619	8.1449%	2,057.7	0.184%	VV	0.118	291.47	0.1029%
44	20.443		0.0000	0.0000%	4,966.3	0.444%	VV	0.196	421.94	0.1490%
45	20.824		0.0000	0.0000%	2,090.4	0.187%	VV	0.083	417.50	0.1474%
46	20.910		0.0000	0.0000%	1,853.1	0.166%	VV	0.077	401.12	0.1416%
47	21.083		0.0000	0.0000%	1,946.3	0.174%	VB	0.130	249.82	0.0882%
48	21.367		0.0000	0.0000%	1,134.4	0.101%	BV	0.097	194.69	0.0687%
49	21.565		0.0000	0.0000%	1,917.5	0.171%	VB	0.077	414.52	0.1463%
50	21.700		0.0000	0.0000%	313.7	0.028%	BB	0.054	96.66	0.0341%
51	21.822	TOX #4	0.1630	8.1989%	1,404.9	0.125%	BB	0.060	388.92	0.1373%
52	22.072	TOX #5	0.1319	6.6354%	818.5	0.073%	BB	0.068	201.43	0.0711%
53	22.247	METHOXYCHLOR	0.1012	5.0930%	22,078.1	1.972%	BB	0.070	5,272.33	1.8613%
54	22.591		0.0000	0.0000%	1,188.0	0.106%	BB	0.073	270.75	0.0956%
55	22.790		0.0000	0.0000%	499.3	0.045%	BB	0.068	122.42	0.0432%
56	23.206		0.0000	0.0000%	4,304.0	0.384%	BB	0.105	682.01	0.2408%
57	23.552		0.0000	0.0000%	411.4	0.037%	BB	0.060	115.00	0.0406%
58	25.128		0.0000	0.0000%	145.1	0.013%	BB	0.075	32.30	0.0114%
59	25.498		0.0000	0.0000%	456.7	0.041%	BB	0.080	94.97	0.0335%
60	25.882	DCB	0.1264	6.3578%	92,849.1	8.293%	BB	0.086	17,913.42	6.3240%
61	27.319		0.0000	0.0000%	678.2	0.061%	BB	0.089	126.73	0.0447%
62	27.728		0.0000	0.0000%	437.7	0.039%	BB	0.135	54.00	0.0191%

Total area = 1119548 Total amount = 1.987674 Sample units = ug/mL Total height = 283262.1

ile=H:\CP2\HP7\G0919B.04R Date printed=09-19-1994 Time= 10:09:38
ample Name=1.0 PPM TCLP PEST 1000684 INITIAL CALIBRATION
.0 to 30.0 min. Low Y=-0.846 High Y=199.154 mv Span=200.0



Primary Column

50064

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58	13.951		0.0000	0.0000%	5,036.4	0.079%	VV	0.077	1,087.86	0.0807%
59	14.107		0.0000	0.0000%	2,032.3	0.032%	VV	0.072	471.94	0.0350%
60	14.201		0.0000	0.0000%	3,999.1	0.063%	VB	0.091	729.28	0.0541%
61	14.690		0.0000	0.0000%	5,305.4	0.083%	BV	0.126	702.95	0.0522%
62	14.791		0.0000	0.0000%	1,856.7	0.029%	VV	0.075	413.97	0.0307%
63	14.917		0.0000	0.0000%	2,080.3	0.033%	VV	0.087	397.45	0.0295%
64	15.153		0.0000	0.0000%	2,960.2	0.047%	VV	0.070	708.33	0.0526%
65	15.306	Hept. Epox.	0.9804	4.3034%	786,308.8	12.357%	VV	0.078	167,500.81	12.4322%
66	15.605		0.0000	0.0000%	15,510.2	0.244%	VV	0.115	2,254.28	0.1673%
67	15.689		0.0000	0.0000%	17,462.1	0.274%	VV	0.088	3,292.63	0.2444%
68	15.818		0.0000	0.0000%	8,401.8	0.132%	VV	0.083	1,678.87	0.1246%
69	16.037	CHLOR #1	1.0450	4.5867%	24,977.1	0.393%	VV	0.084	4,979.08	0.3696%
70	16.364		0.0000	0.0000%	9,188.9	0.144%	VV	0.089	1,714.54	0.1273%
71	16.475	CHLOR #2	1.0291	4.5172%	93,770.0	1.474%	VV	0.076	20,456.33	1.5183%
72	16.690	CHLOR #3	1.0450	4.5869%	62,269.7	0.979%	VV	0.073	14,248.24	1.0575%
73	16.803	CHLOR #4	1.0341	4.5391%	91,235.8	1.434%	VV	0.078	19,371.40	1.4378%
74	17.010		0.0000	0.0000%	13,427.3	0.211%	VV	0.087	2,580.39	0.1915%
75	17.196		0.0000	0.0000%	21,221.8	0.333%	VV	0.114	3,110.33	0.2309%
76	17.376		0.0000	0.0000%	15,299.3	0.240%	VV	0.071	3,588.88	0.2664%
77	17.472	CHLOR #5	1.0650	4.6747%	27,389.1	0.430%	VV	0.073	6,266.63	0.4651%
78	17.668		0.0000	0.0000%	16,125.0	0.253%	VV	0.111	2,418.63	0.1795%
79	17.751		0.0000	0.0000%	9,732.8	0.153%	VV	0.073	2,211.80	0.1642%
80	18.029	Endrin	0.9968	4.3752%	667,061.3	10.483%	VV	0.080	138,279.38	10.2634%
81	18.288		0.0000	0.0000%	24,342.3	0.383%	VV	0.092	4,395.61	0.3263%
82	18.469	TOX #1	2.1274	9.3379%	22,953.8	0.361%	VV	0.117	3,278.90	0.2434%
83	18.635		0.0000	0.0000%	12,522.9	0.197%	VV	0.085	2,454.00	0.1821%
84	18.756		0.0000	0.0000%	8,973.8	0.141%	VV	0.076	1,955.32	0.1451%
85	18.917		0.0000	0.0000%	23,585.9	0.371%	VV	0.126	3,131.31	0.2324%
86	19.065	TOX #2	2.1794	9.5663%	33,586.0	0.528%	VV	0.114	4,903.26	0.3639%
87	19.179		0.0000	0.0000%	19,098.4	0.300%	VB	0.092	3,476.08	0.2580%
88	19.674		0.0000	0.0000%	41,244.4	0.648%	BV	0.173	3,974.77	0.2950%
89	19.790		0.0000	0.0000%	50,369.1	0.792%	VV	0.143	5,863.91	0.4352%
90	20.093	TOX #3	1.9779	8.6819%	25,139.0	0.395%	VV	0.104	4,037.69	0.2997%
91	20.223		0.0000	0.0000%	2,357.6	0.037%	VV	0.059	669.10	0.0497%
92	20.447		0.0000	0.0000%	34,709.6	0.545%	VV	0.102	5,695.40	0.4227%
93	20.655		0.0000	0.0000%	8,059.0	0.127%	VB	0.091	1,478.36	0.1097%
94	20.823		0.0000	0.0000%	12,804.6	0.201%	BV	0.066	3,226.56	0.2395%
95	20.908		0.0000	0.0000%	4,149.1	0.065%	VB	0.056	1,231.81	0.0914%
96	21.085		0.0000	0.0000%	10,008.2	0.157%	BB	0.141	1,182.29	0.0878%
97	21.382		0.0000	0.0000%	12,217.5	0.192%	BV	0.092	2,207.63	0.1639%
98	21.457		0.0000	0.0000%	7,793.1	0.122%	VV	0.059	2,189.08	0.1625%
99	21.561		0.0000	0.0000%	36,727.3	0.577%	VB	0.079	7,778.35	0.5773%
100	21.697		0.0000	0.0000%	5,759.3	0.091%	BB	0.054	1,764.27	0.1309%
101	21.819	TOX #4	2.1480	9.4285%	18,517.7	0.291%	BB	0.060	5,144.93	0.3819%
102	21.928		0.0000	0.0000%	3,922.4	0.062%	BB	0.061	1,074.77	0.0798%
103	22.070	TOX #5	2.2324	9.7989%	13,854.0	0.218%	BB	0.067	3,442.63	0.2555%
104	22.242	METHOXYCHLOR	1.0294	4.5184%	224,501.7	3.528%	BB	0.071	52,559.39	3.9011%
105	22.379		0.0000	0.0000%	7,192.0	0.113%	BB	0.056	2,134.39	0.1584%
106	22.588		0.0000	0.0000%	18,899.5	0.297%	BB	0.068	4,598.77	0.3413%
107	22.788		0.0000	0.0000%	8,226.4	0.129%	BB	0.070	1,944.86	0.1444%
108	23.004		0.0000	0.0000%	6,246.4	0.098%	BB	0.109	956.83	0.0710%
109	23.203		0.0000	0.0000%	33,714.8	0.530%	BB	0.087	6,453.89	0.4790%
110	23.549		0.0000	0.0000%	2,164.7	0.034%	BB	0.059	616.34	0.0457%
111	23.652		0.0000	0.0000%	8,223.0	0.129%	BB	0.081	1,688.74	0.1253%
112	23.891		0.0000	0.0000%	6,475.2	0.102%	BB	0.080	1,351.06	0.1003%
113	24.025		0.0000	0.0000%	536.4	0.008%	BB	0.048	188.08	0.0140%
114	24.135		0.0000	0.0000%	1,952.5	0.031%	BB	0.061	532.03	0.0395%
115	24.232		0.0000	0.0000%	733.9	0.012%	BB	0.053	232.25	0.0172%
116	24.418		0.0000	0.0000%	1,111.5	0.017%	BB	0.076	245.33	0.0182%
117	24.649		0.0000	0.0000%	352.0	0.006%	BB	0.063	93.44	0.0069%

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98	24.797		0.0000	0.0000%	629.4	0.010%	BB	0.092	113.64	0.0084%
99	25.121		0.0000	0.0000%	2,247.5	0.035%	BB	0.073	511.13	0.0379%
00	25.254		0.0000	0.0000%	418.9	0.007%	BB	0.057	122.61	0.0091%
01	25.495		0.0000	0.0000%	4,774.5	0.075%	BB	0.084	952.58	0.0707%
02	25.680		0.0000	0.0000%	2,869.7	0.045%	BB	0.063	759.95	0.0564%
03	25.879	DCB	0.9459	4.1518%	694,955.2	10.921%	BB	0.084	138,367.45	10.2699%
04	26.519		0.0000	0.0000%	399.1	0.006%	BB	0.072	92.06	0.0068%
05	26.698		0.0000	0.0000%	289.2	0.005%	BB	0.074	65.44	0.0049%
06	26.973		0.0000	0.0000%	229.5	0.004%	BB	0.090	42.45	0.0032%
07	27.315		0.0000	0.0000%	6,694.6	0.105%	BB	0.090	1,237.26	0.0918%
08	27.724		0.0000	0.0000%	4,759.1	0.075%	BB	0.144	551.60	0.0409%

otal area = 6363388 Total amount = 22.78204 Sample units = ug/mL Total height = 1347310

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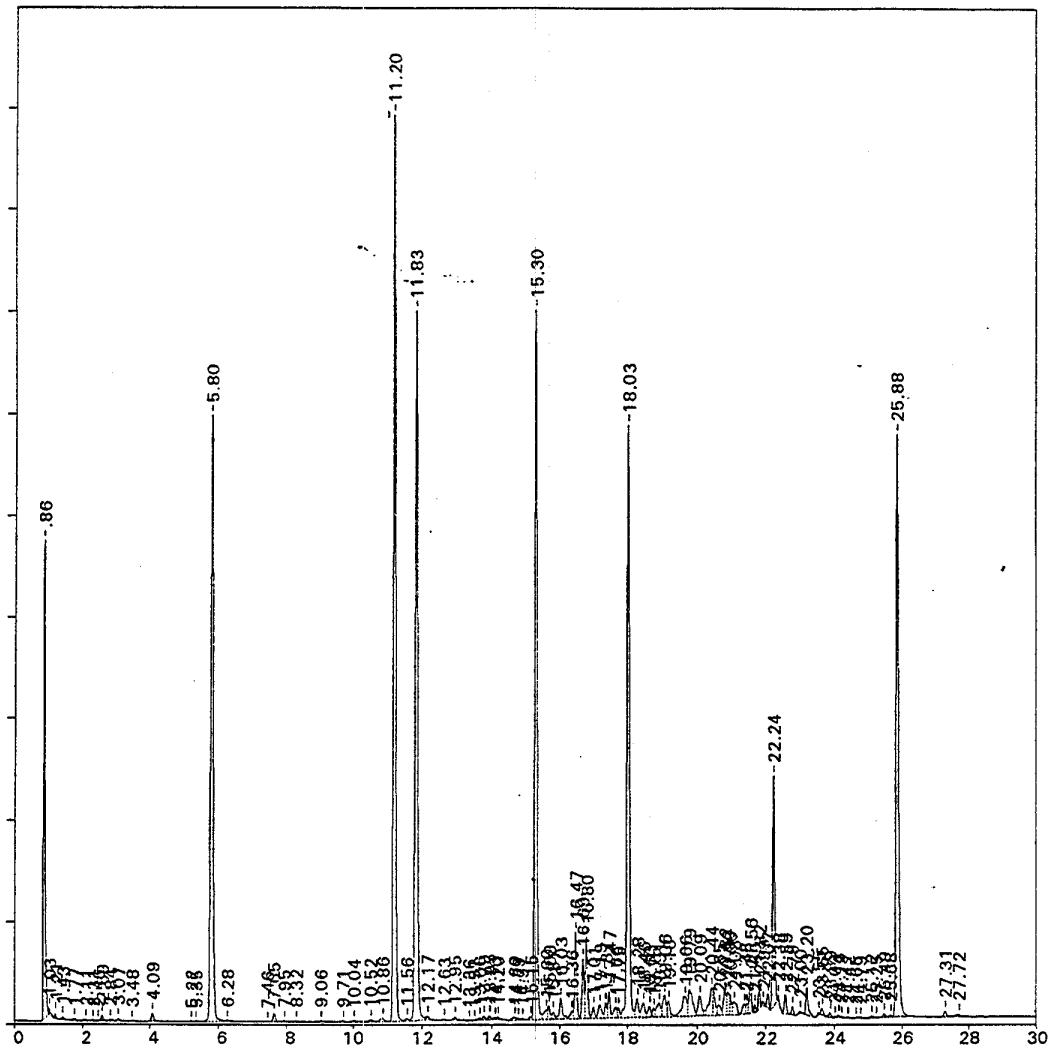

Primary Column

50068

Tx1701
50C---6/MIN---275C
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Date stamp = 09/19/94 Time = 10:43:12
ample name = .80 PPM TCLP PEST 1000684 INITIAL CALIBRATION
ollected on Sep 19, 1994 10:42:34 from port # 6
perator = DC
equence file = HP70919.SEQ #6
nstrument = HP7--DetB
ethod name = H:\CP2\HP7\HP7UPDTb.MET version # 92
Date method last modified = 09/19/94 Time = 13:22:32
alibration file = H:\CP2\HP7\HP7TLB21.CAL version # 4
Date cal file last modified = 09/19/94 Time = 12:04:12
un time = 30.00 minutes Area reject = 0
mount injected = 1 Dilution Factor = 1
ample Weight = 1 Internal Standard Amount = 1
ampling rate = 5 per second
eak detect threshold = 4 Starting peak width = .03 minutes
hrom-Perfect Software Serial # 14694 Version = 6.07 For ARDL
oday's date = 09-19-1994 Time = 13:33:42

K	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.861		0.0000	0.0000%	308,075.8	5.728%	BV	0.054	94,644.70	8.3452%
2	1.029		0.0000	0.0000%	2,396.0	0.045%	VB	0.037	1,070.98	0.0944%
3	1.210		0.0000	0.0000%	2,705.4	0.050%	BB	0.037	1,213.91	0.1070%
4	1.429		0.0000	0.0000%	1,986.1	0.037%	BB	0.056	592.34	0.0522%
5	1.775		0.0000	0.0000%	1,334.0	0.025%	BB	0.053	420.03	0.0370%
6	2.114		0.0000	0.0000%	1,129.4	0.021%	BB	0.093	201.32	0.0178%
7	2.306		0.0000	0.0000%	240.6	0.004%	BB	0.038	104.87	0.0092%
8	2.459		0.0000	0.0000%	276.7	0.005%	BB	0.045	102.56	0.0090%
9	2.588		0.0000	0.0000%	4,494.5	0.084%	BB	0.060	1,258.66	0.1110%
0	2.836		0.0000	0.0000%	747.2	0.014%	BB	0.046	267.95	0.0236%
1	3.073		0.0000	0.0000%	2,110.7	0.039%	BB	0.075	467.47	0.0412%
2	3.483		0.0000	0.0000%	187.3	0.003%	BB	0.051	61.64	0.0054%
3	4.086		0.0000	0.0000%	7,073.5	0.132%	BB	0.075	1,570.88	0.1385%
4	5.220		0.0000	0.0000%	367.1	0.007%	BV	0.091	67.44	0.0059%
5	5.349		0.0000	0.0000%	620.2	0.012%	VB	0.082	126.27	0.0111%
6	5.802	m-XYLENE	0.8015	4.1567%	604,170.9	11.233%	BV	0.084	119,483.59	10.5353%
7	6.278		0.0000	0.0000%	919.5	0.017%	VB	0.103	148.86	0.0131%
8	7.462		0.0000	0.0000%	368.7	0.007%	BV	0.092	66.57	0.0059%
9	7.653		0.0000	0.0000%	8,061.6	0.150%	VV	0.077	1,735.99	0.1531%
0	7.950		0.0000	0.0000%	1,118.2	0.021%	VV	0.086	215.60	0.0190%
1	8.315		0.0000	0.0000%	874.2	0.016%	VB	0.075	193.09	0.0170%
2	9.057		0.0000	0.0000%	1,258.8	0.023%	BB	0.085	245.88	0.0217%
3	9.706		0.0000	0.0000%	1,489.7	0.028%	BV	0.119	208.25	0.0184%
4	10.035		0.0000	0.0000%	1,634.2	0.030%	VV	0.096	284.97	0.0251%
5	10.516		0.0000	0.0000%	2,181.1	0.041%	VV	0.096	380.56	0.0336%
6	10.863		0.0000	0.0000%	5,159.4	0.096%	VB	0.122	705.29	0.0622%
7	11.196	g-BHC	0.8193	4.2488%	817,484.3	15.199%	BV	0.076	178,468.81	15.7363%
8	11.563		0.0000	0.0000%	2,327.1	0.043%	VV	0.078	496.88	0.0438%
9	11.832	Heptachlor	0.8405	4.3589%	681,094.6	12.663%	VV	0.081	139,735.64	12.3210%
0	12.173		0.0000	0.0000%	4,017.8	0.075%	VB	0.085	791.36	0.0698%
1	12.627		0.0000	0.0000%	1,211.4	0.023%	BB	0.096	210.39	0.0186%
2	12.950		0.0000	0.0000%	3,450.2	0.064%	BB	0.082	704.30	0.0621%
3	13.355		0.0000	0.0000%	310.8	0.006%	BB	0.081	64.16	0.0057%
4	13.512		0.0000	0.0000%	240.3	0.004%	BB	0.073	55.12	0.0049%
5	13.663		0.0000	0.0000%	1,900.8	0.035%	BV	0.074	429.01	0.0378%
6	13.787		0.0000	0.0000%	3,552.1	0.066%	VV	0.071	838.52	0.0739%
7	13.947		0.0000	0.0000%	4,118.6	0.077%	VV	0.077	890.88	0.0786%

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38	14.103		0.0000	0.0000%	1,624.7	0.030%	VV	0.075	361.88	0.0319%
39	14.200		0.0000	0.0000%	2,747.4	0.051%	VB	0.091	501.98	0.0443%
40	14.686		0.0000	0.0000%	4,446.9	0.083%	BV	0.127	585.42	0.0516%
41	14.787		0.0000	0.0000%	1,574.6	0.029%	VV	0.075	351.25	0.0310%
42	14.914		0.0000	0.0000%	1,824.8	0.034%	VV	0.089	342.13	0.0302%
43	15.151		0.0000	0.0000%	2,544.9	0.047%	VV	0.071	598.14	0.0527%
44	15.302	Hept. Epox.	0.8213	4.2592%	658,681.3	12.247%	VV	0.079	139,610.28	12.3100%
45	15.600		0.0000	0.0000%	12,680.0	0.236%	VV	0.115	1,839.98	0.1622%
46	15.685		0.0000	0.0000%	14,012.2	0.261%	VV	0.088	2,654.82	0.2341%
47	15.814		0.0000	0.0000%	7,267.8	0.135%	VV	0.086	1,404.55	0.1238%
48	16.034	CHLOR #1	0.8484	4.3998%	20,278.6	0.377%	VV	0.084	4,030.48	0.3554%
49	16.360		0.0000	0.0000%	7,862.0	0.146%	VV	0.090	1,454.14	0.1282%
50	16.471	CHLOR #2	0.8462	4.3883%	77,102.5	1.434%	VV	0.076	16,929.08	1.4927%
51	16.687	CHLOR #3	0.8577	4.4481%	51,109.7	0.950%	VV	0.072	11,756.92	1.0367%
52	16.800	CHLOR #4	0.8571	4.4450%	75,619.2	1.406%	VV	0.078	16,130.43	1.4223%
53	17.007		0.0000	0.0000%	11,295.7	0.210%	VV	0.089	2,117.82	0.1867%
54	17.194		0.0000	0.0000%	17,796.4	0.331%	VV	0.115	2,571.62	0.2268%
55	17.372		0.0000	0.0000%	12,588.2	0.234%	VV	0.072	2,903.45	0.2560%
56	17.469	CHLOR #5	0.8605	4.4627%	22,130.3	0.411%	VV	0.074	4,993.15	0.4403%
57	17.664		0.0000	0.0000%	13,632.2	0.253%	VV	0.112	2,020.64	0.1782%
58	17.747		0.0000	0.0000%	8,223.0	0.153%	VV	0.074	1,855.92	0.1636%
59	18.026	Endrin	0.8441	4.3773%	564,862.9	10.502%	VV	0.081	116,648.96	10.2854%
60	18.285		0.0000	0.0000%	20,157.0	0.375%	VV	0.093	3,624.44	0.3196%
61	18.464	TOX #1	1.8010	9.3400%	19,432.2	0.361%	VV	0.119	2,724.03	0.2402%
62	18.633		0.0000	0.0000%	10,402.7	0.193%	VV	0.085	2,032.83	0.1792%
63	18.751		0.0000	0.0000%	7,689.6	0.143%	VV	0.079	1,622.24	0.1430%
64	18.914		0.0000	0.0000%	20,076.6	0.373%	VV	0.127	2,628.45	0.2318%
65	19.063	TOX #2	1.7877	9.2711%	27,549.6	0.512%	VV	0.113	4,046.65	0.3568%
66	19.178		0.0000	0.0000%	16,967.3	0.315%	VV	0.094	3,018.31	0.2661%
67	19.663		0.0000	0.0000%	38,343.4	0.713%	VV	0.173	3,699.60	0.3262%
68	19.788		0.0000	0.0000%	46,289.0	0.861%	VV	0.152	5,082.55	0.4481%
69	20.090	TOX #3	2.0236	10.4944%	25,719.3	0.478%	VV	0.115	3,733.79	0.3292%
70	20.441		0.0000	0.0000%	36,201.6	0.673%	VV	0.113	5,328.69	0.4699%
71	20.650		0.0000	0.0000%	12,993.8	0.242%	VV	0.113	1,918.19	0.1691%
72	20.820		0.0000	0.0000%	23,598.5	0.439%	VV	0.082	4,800.81	0.4233%
73	20.903		0.0000	0.0000%	18,504.6	0.344%	VV	0.071	4,369.39	0.3853%
74	20.963		0.0000	0.0000%	17,021.0	0.316%	VV	0.071	3,999.59	0.3527%
75	21.083		0.0000	0.0000%	19,456.7	0.362%	VB	0.136	2,383.60	0.2102%
76	21.380		0.0000	0.0000%	10,027.2	0.186%	BV	0.092	1,816.89	0.1602%
77	21.454		0.0000	0.0000%	6,592.4	0.123%	VV	0.062	1,762.85	0.1554%
78	21.559		0.0000	0.0000%	29,487.8	0.548%	VB	0.078	6,332.75	0.5584%
79	21.694		0.0000	0.0000%	4,573.8	0.085%	BB	0.054	1,403.05	0.1237%
80	21.818	TOX #4	1.7981	9.3249%	15,501.1	0.288%	BB	0.060	4,332.63	0.3820%
81	21.928		0.0000	0.0000%	3,001.5	0.056%	BB	0.059	849.79	0.0749%
82	22.068	TOX #5	1.7948	9.3079%	11,138.3	0.207%	BB	0.067	2,760.92	0.2434%
83	22.239	METHOXYCHLOR	0.8903	4.6173%	194,174.2	3.610%	BB	0.072	44,958.00	3.9641%
84	22.378		0.0000	0.0000%	5,094.8	0.095%	BB	0.054	1,573.05	0.1387%
85	22.586		0.0000	0.0000%	15,515.2	0.288%	BB	0.069	3,731.74	0.3290%
86	22.786		0.0000	0.0000%	6,483.0	0.121%	BB	0.070	1,540.61	0.1358%
87	23.000		0.0000	0.0000%	2,315.4	0.043%	BB	0.076	508.63	0.0448%
88	23.200		0.0000	0.0000%	28,317.5	0.526%	BB	0.087	5,432.78	0.4790%
89	23.547		0.0000	0.0000%	1,745.0	0.032%	BB	0.058	505.65	0.0446%
90	23.650		0.0000	0.0000%	6,096.6	0.113%	BB	0.083	1,217.28	0.1073%
91	23.889		0.0000	0.0000%	4,636.4	0.086%	BB	0.082	939.45	0.0828%
92	24.023		0.0000	0.0000%	384.3	0.007%	BB	0.048	132.09	0.0116%
93	24.134		0.0000	0.0000%	1,479.9	0.028%	BB	0.061	401.62	0.0354%
94	24.230		0.0000	0.0000%	571.7	0.011%	BB	0.052	183.89	0.0162%
95	24.416		0.0000	0.0000%	880.9	0.016%	BB	0.077	190.17	0.0168%
96	24.651		0.0000	0.0000%	230.9	0.004%	BB	0.065	59.59	0.0053%
97	24.790		0.0000	0.0000%	465.7	0.009%	BB	0.096	80.59	0.0071%

50070

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Jm
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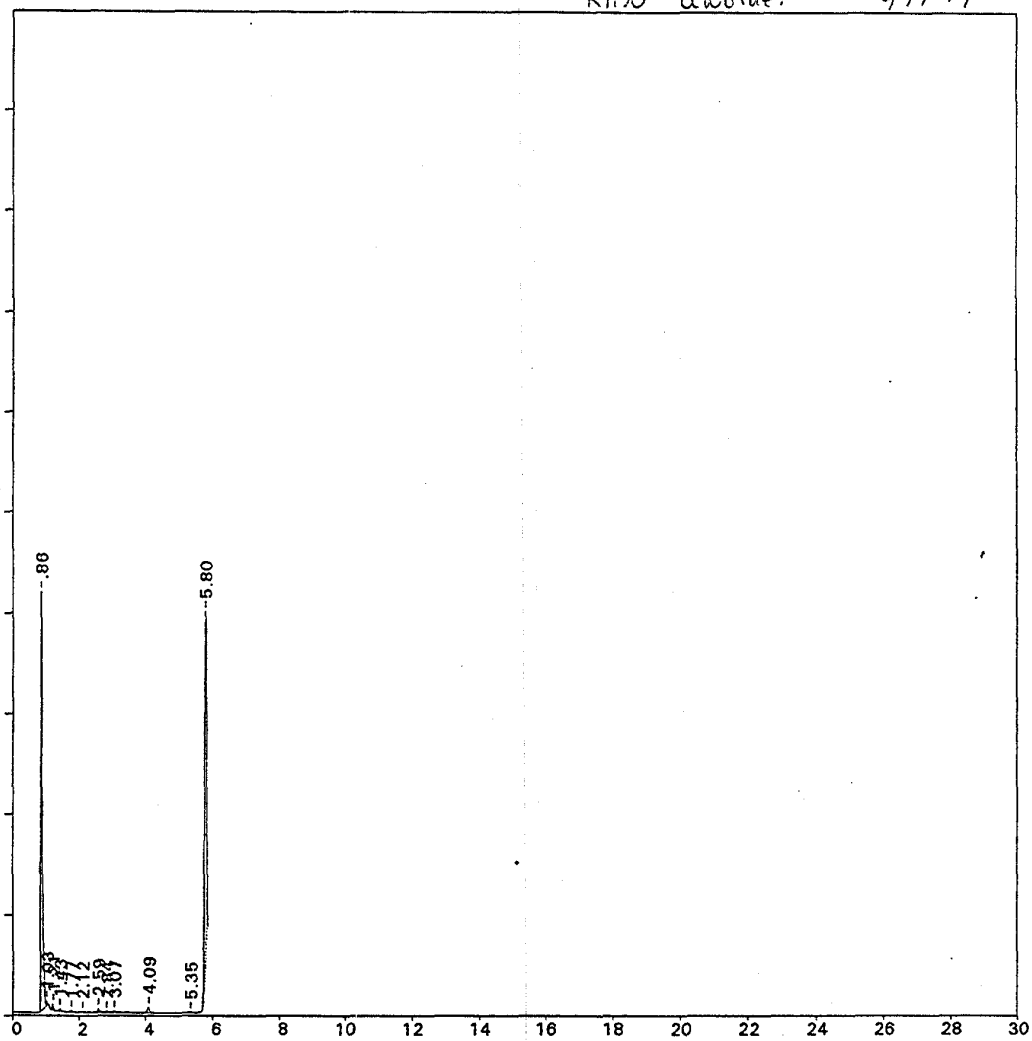
98	25.120		0.0000	0.0000%	1,789.9	0.033%	BB	0.074	405.20	0.0357%
99	25.252		0.0000	0.0000%	342.0	0.006%	BB	0.057	99.14	0.0087%
00	25.492		0.0000	0.0000%	3,929.6	0.073%	BB	0.083	792.14	0.0698%
01	25.678		0.0000	0.0000%	1,991.3	0.037%	BB	0.063	529.87	0.0467%
02	25.875	DCB	0.7905	4.0998%	580,838.9	10.799%	BB	0.084	114,873.20	10.1288%
03	27.312		0.0000	0.0000%	5,635.3	0.105%	BB	0.091	1,035.83	0.0913%
04	27.719		0.0000	0.0000%	4,251.4	0.079%	BB	0.150	471.28	0.0416%

otal area = 5378491 Total amount = 19.28248 Sample units = ug/mL Total height = 1134122

File=H:\CP2\HP7\G0919B.06R Date printed=09-19-1994 Time= 10:52:22
Sample Name=.50 PPM TCLP PEST 1000684 INITIAL CALIBRATION
1.0 to 30.0 min. Low Y=-0.844 High Y=199.156 mv Span=200.0

NETWORK went down
RAN another
9-19-94



Primary Column

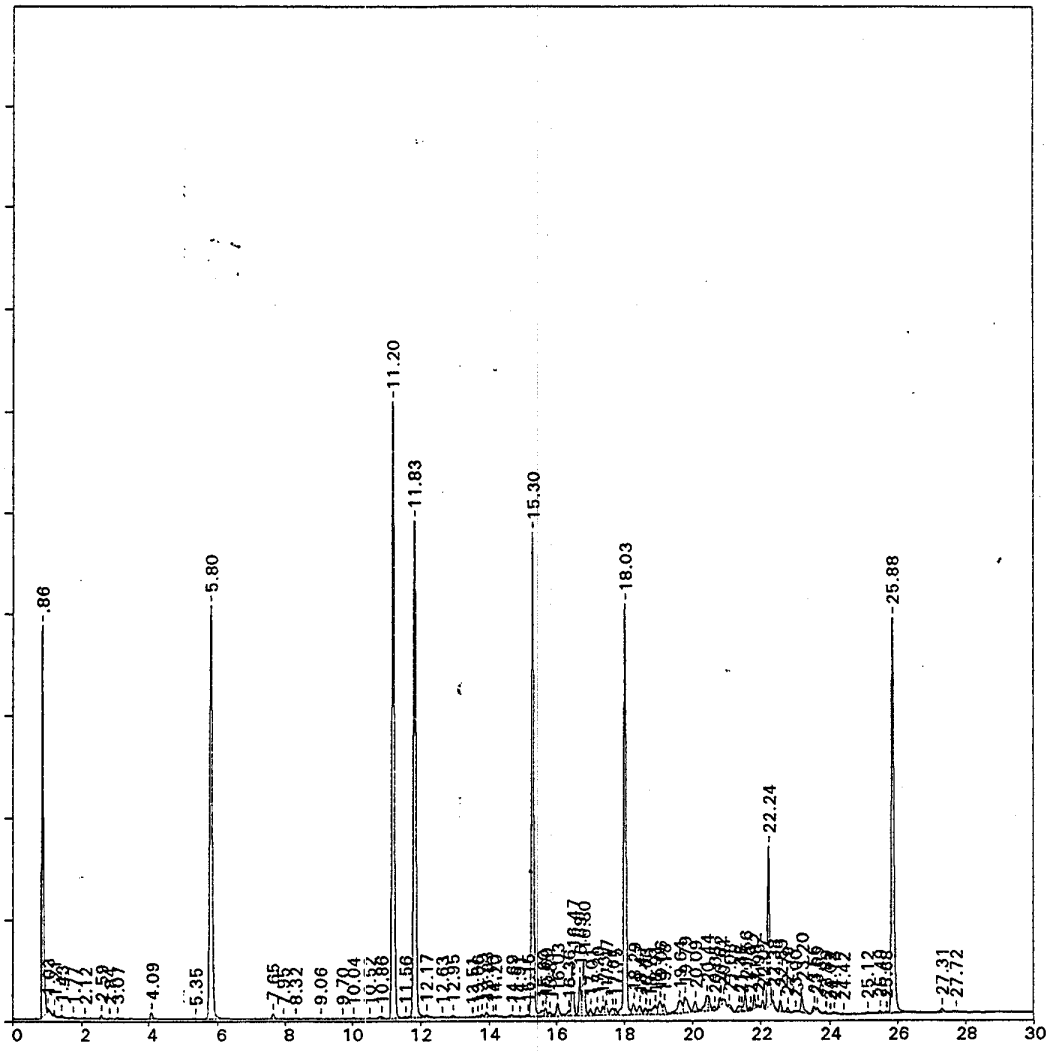
50072

RTx1701
150C---6/MIN---275C
Data file = H:\CP2\HP7\G0919B.06R
Date stamp = 09/19/94 Time = 10:51:56
Sample name = .50 PPM TCLP PEST 1000684 INITIAL CALIBRATION
Collected on Sep 19, 1994 10:51:56 from port # 6
Operator = DC
Sequence file = HP70919.SEQ #7
Instrument = HP7--DetB
Method name = H:\CP2\HP7\HP78080B.MET version # 184
Date method last modified = 09/16/94 Time = 10:12:36 Cal. Lt. CSH 9.19.94
Calibration file = H:\CP2\HP7\~~HP7PB74~~.CAL version # 3 HP7TLB21
Date cal file last modified = 09/16/94 Time = 09:27:42
Run time = 5.87 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .03 minutes
Chrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 10:52:25

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.861		0.0000	0.0000%	276,117.5	47.294%	BV	0.055	83,727.78	53.1707%
2	1.029		0.0000	0.0000%	1,961.1	0.336%	VB	0.037	888.69	0.5644%
3	1.210		0.0000	0.0000%	2,895.4	0.496%	BB	0.039	1,244.41	0.7903%
4	1.429		0.0000	0.0000%	1,873.1	0.321%	BB	0.058	541.16	0.3437%
5	1.775		0.0000	0.0000%	531.5	0.091%	BB	0.041	217.81	0.1383%
6	2.116		0.0000	0.0000%	719.5	0.123%	BB	0.096	124.27	0.0789%
7	2.589		0.0000	0.0000%	2,909.0	0.498%	BB	0.062	781.77	0.4965%
8	2.835		0.0000	0.0000%	442.0	0.076%	BB	0.046	160.74	0.1021%
9	3.073		0.0000	0.0000%	1,387.8	0.238%	BB	0.077	299.38	0.1901%
10	4.090		0.0000	0.0000%	5,074.7	0.869%	BB	0.077	1,098.94	0.6979%
11	5.348		0.0000	0.0000%	385.8	0.066%	BB	0.078	82.47	0.0524%
12	5.801	M-XYLENE	0.3413	100.0000%	289,540.7	49.593%	BB	0.071	68,302.51	43.3750%

Total area = 583838.1 Total amount = .341343 Sample units = ug/mL Total height = 157469.9

le=H:\CP2\HP7\G0919B.07R Date printed=09-19-1994 Time= 11:49:37
mple Name=.50 PPM TCLP PEST . 1000684 INITIAL CALIBRATION
0 to 30.0 min. Low Y=-0.838 High Y=199.162 mv Span=200.0



Primary Column

50074

Tx1701
50C---6/MIN---275C
ata file = h:\cp2\hp7\G0919B.07R
Date stamp = 09/19/94 Time = 11:49:48
ample name = .50 PPM TCLP PEST 1000684 INITIAL CALIBRATION
ollected on Sep 19, 1994 11:49:13 from port # 6
perator = DC
equence file = HP70919.SEQ #8
nstrument = HP7--DetB
ethod name = H:\CP2\HP7\HP7UPDTb.MET version # 92
Date method last modified = 09/19/94 Time = 13:22:32
alibration file = H:\CP2\HP7\HP7TLB21.CAL version # 4
Date cal file last modified = 09/19/94 Time = 12:04:12
un time = 30.00 minutes Area reject = 0
mount injected = 1 Dilution Factor = 1
ample Weight = 1 Internal Standard Amount = 1
ampling rate = 5 per second
eak detect threshold = 4 Starting peak width = .03 minutes
hrom-Perfect Software Serial # 14694 Version = 6.07 For ARDL
oday's date = 09-19-1994 Time = 13:34:05

K	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.861		0.0000	0.0000%	257,202.0	7.070%	BV	0.055	77,292.08	9.9741%
2	1.029		0.0000	0.0000%	1,650.9	0.045%	VB	0.037	745.05	0.0961%
3	1.209		0.0000	0.0000%	3,182.7	0.087%	BB	0.040	1,334.47	0.1722%
4	1.428		0.0000	0.0000%	2,060.9	0.057%	BB	0.060	568.38	0.0733%
5	1.774		0.0000	0.0000%	931.7	0.026%	BB	0.059	264.80	0.0342%
6	2.116		0.0000	0.0000%	333.6	0.009%	BB	0.058	96.05	0.0124%
7	2.588		0.0000	0.0000%	2,972.8	0.082%	BB	0.063	790.96	0.1021%
8	2.835		0.0000	0.0000%	454.5	0.012%	BB	0.047	162.00	0.0209%
9	3.073		0.0000	0.0000%	1,412.6	0.039%	BB	0.078	302.35	0.0390%
0	4.090		0.0000	0.0000%	5,216.9	0.143%	BB	0.077	1,131.60	0.1460%
1	5.348		0.0000	0.0000%	422.4	0.012%	BB	0.078	90.30	0.0117%
2	5.801	m-XYLENE	0.5511	4.5114%	415,392.3	11.418%	BB	0.085	81,425.51	10.5075%
3	7.653		0.0000	0.0000%	5,021.6	0.138%	BV	0.077	1,085.28	0.1400%
4	7.948		0.0000	0.0000%	718.4	0.020%	VB	0.086	139.03	0.0179%
5	8.315		0.0000	0.0000%	550.9	0.015%	BB	0.074	124.46	0.0161%
6	9.058		0.0000	0.0000%	522.1	0.014%	BB	0.079	110.36	0.0142%
7	9.704		0.0000	0.0000%	1,045.3	0.029%	BV	0.120	144.67	0.0187%
8	10.035		0.0000	0.0000%	1,325.1	0.036%	VV	0.099	223.30	0.0288%
9	10.515		0.0000	0.0000%	1,390.0	0.038%	VV	0.094	247.32	0.0319%
0	10.863		0.0000	0.0000%	3,505.5	0.096%	VB	0.124	472.98	0.0610%
1	11.196	g-BHC	0.5542	4.5368%	552,965.2	15.200%	BV	0.076	121,676.06	15.7016%
2	11.564		0.0000	0.0000%	1,784.0	0.049%	VV	0.080	373.38	0.0482%
3	11.832	Heptachlor	0.5847	4.7870%	473,837.9	13.025%	VV	0.081	97,975.77	12.6432%
4	12.174		0.0000	0.0000%	2,643.4	0.073%	VB	0.086	510.14	0.0658%
5	12.627		0.0000	0.0000%	822.3	0.023%	BV	0.095	144.28	0.0186%
6	12.950		0.0000	0.0000%	2,276.9	0.063%	VB	0.082	460.42	0.0594%
7	13.511		0.0000	0.0000%	170.2	0.005%	BB	0.070	40.47	0.0052%
8	13.662		0.0000	0.0000%	1,268.2	0.035%	BV	0.074	285.90	0.0369%
9	13.787		0.0000	0.0000%	2,318.6	0.064%	VV	0.071	541.60	0.0699%
0	13.935		0.0000	0.0000%	4,841.5	0.133%	VV	0.089	909.89	0.1174%
1	14.103		0.0000	0.0000%	1,012.5	0.028%	VV	0.074	228.51	0.0295%
2	14.200		0.0000	0.0000%	1,823.7	0.050%	VB	0.091	333.54	0.0430%
3	14.687		0.0000	0.0000%	2,934.6	0.081%	BV	0.128	382.58	0.0494%
4	14.913		0.0000	0.0000%	1,167.6	0.032%	VV	0.086	226.66	0.0292%
5	15.150		0.0000	0.0000%	1,609.2	0.044%	VV	0.070	382.06	0.0493%
6	15.303	Hept. Epox.	0.5597	4.5817%	448,856.8	12.338%	VV	0.078	95,405.79	12.3115%
7	15.599		0.0000	0.0000%	8,245.5	0.227%	VV	0.118	1,166.59	0.1505%

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Jm
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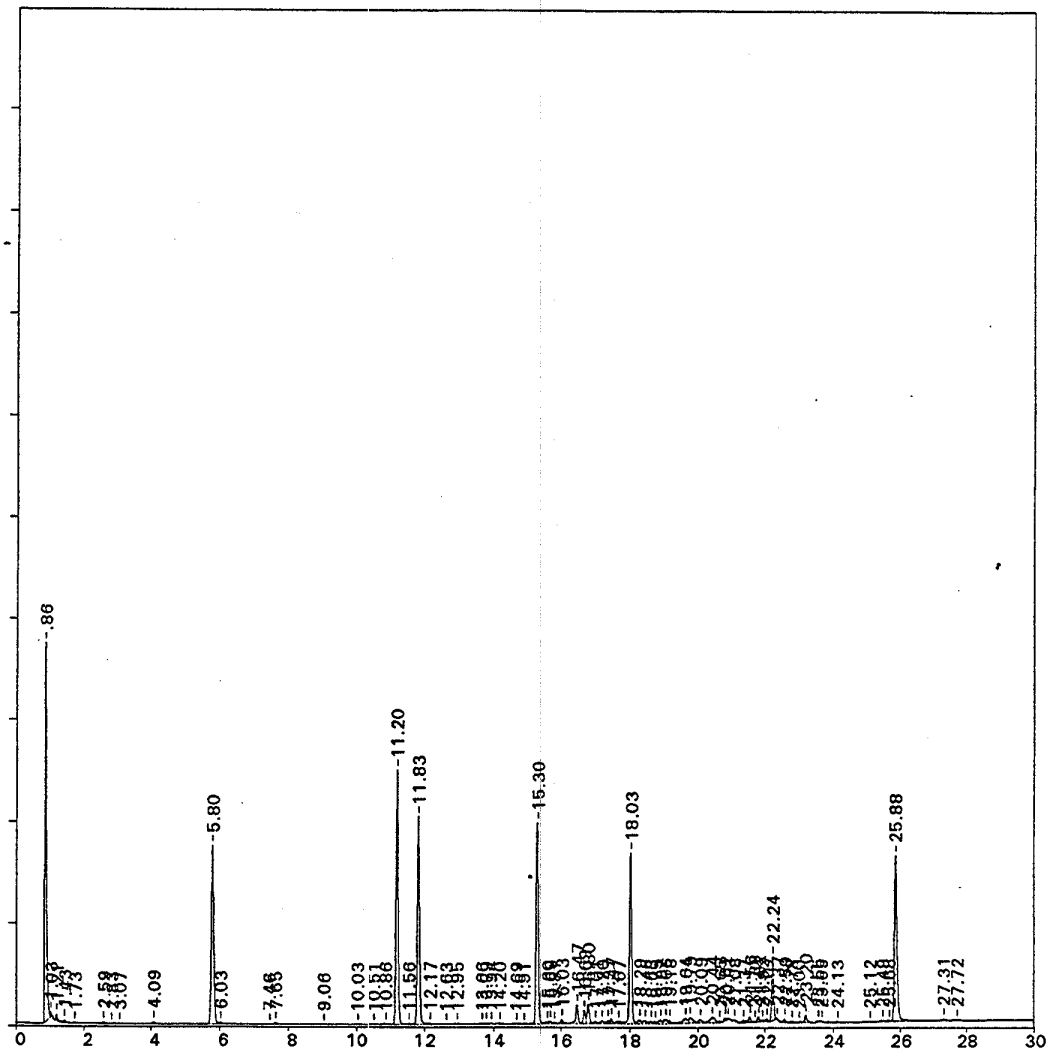
38	15.687		0.0000	0.0000%	8,414.5	0.231%	VV	0.087	1,615.29	0.2084%
39	15.814		0.0000	0.0000%	4,573.3	0.126%	VV	0.087	873.00	0.1127%
40	16.035	CHLOR #1	0.5331	4.3646%	12,743.2	0.350%	VV	0.085	2,495.44	0.3220%
41	16.362		0.0000	0.0000%	5,285.6	0.145%	VV	0.088	1,002.64	0.1294%
42	16.472	CHLOR #2	0.5437	4.4509%	49,538.2	1.362%	VV	0.075	11,012.24	1.4211%
43	16.687	CHLOR #3	0.5440	4.4535%	32,416.2	0.891%	VV	0.072	7,552.67	0.9746%
44	16.800	CHLOR #4	0.5608	4.5914%	49,480.4	1.360%	VV	0.078	10,600.60	1.3679%
45	17.007		0.0000	0.0000%	7,157.0	0.197%	VV	0.090	1,322.37	0.1706%
46	17.197		0.0000	0.0000%	11,216.4	0.308%	VV	0.113	1,648.11	0.2127%
47	17.373		0.0000	0.0000%	8,029.8	0.221%	VV	0.075	1,793.18	0.2314%
48	17.469	CHLOR #5	0.5156	4.2214%	13,261.0	0.365%	VV	0.073	3,017.20	0.3894%
49	17.665		0.0000	0.0000%	8,605.4	0.237%	VV	0.113	1,267.78	0.1636%
50	17.748		0.0000	0.0000%	5,171.5	0.142%	VV	0.074	1,158.50	0.1495%
51	18.026	Endrin	0.5813	4.7587%	389,004.0	10.693%	VV	0.080	80,863.05	10.4349%
52	18.286		0.0000	0.0000%	12,698.8	0.349%	VV	0.093	2,268.55	0.2927%
53	18.465	TOX #1	1.1297	9.2481%	12,188.7	0.335%	VV	0.119	1,707.44	0.2203%
54	18.633		0.0000	0.0000%	6,518.2	0.179%	VV	0.087	1,250.20	0.1613%
55	18.752		0.0000	0.0000%	4,548.3	0.125%	VV	0.077	989.82	0.1277%
56	18.915		0.0000	0.0000%	12,713.1	0.349%	VV	0.121	1,744.69	0.2251%
57	19.065	TOX #2	1.1133	9.1144%	17,157.2	0.472%	VV	0.113	2,529.24	0.3264%
58	19.178		0.0000	0.0000%	10,700.7	0.294%	VB	0.091	1,964.34	0.2535%
59	19.638		0.0000	0.0000%	23,250.4	0.639%	BV	0.161	2,404.75	0.3103%
60	19.789		0.0000	0.0000%	26,659.0	0.733%	VV	0.141	3,146.02	0.4060%
61	20.093	TOX #3	0.9819	8.0386%	12,479.9	0.343%	VV	0.104	2,001.83	0.2583%
62	20.442		0.0000	0.0000%	17,667.7	0.486%	VV	0.099	2,974.19	0.3838%
63	20.651		0.0000	0.0000%	3,842.7	0.106%	VB	0.089	715.91	0.0924%
64	20.822		0.0000	0.0000%	6,865.5	0.189%	BV	0.064	1,796.79	0.2319%
65	20.905		0.0000	0.0000%	2,379.1	0.065%	VB	0.057	693.48	0.0895%
66	21.081		0.0000	0.0000%	5,261.8	0.145%	BB	0.142	616.39	0.0795%
67	21.379		0.0000	0.0000%	6,666.5	0.183%	BV	0.096	1,159.78	0.1497%
68	21.455		0.0000	0.0000%	4,018.0	0.110%	VV	0.062	1,080.22	0.1394%
69	21.561		0.0000	0.0000%	17,693.7	0.486%	VB	0.076	3,874.21	0.4999%
70	21.696		0.0000	0.0000%	2,731.9	0.075%	BB	0.054	841.42	0.1086%
71	21.819	TOX #4	1.1890	9.7341%	10,250.4	0.282%	BB	0.060	2,850.06	0.3678%
72	21.925		0.0000	0.0000%	1,713.5	0.047%	BB	0.058	489.19	0.0631%
73	22.070	TOX #5	1.0978	8.9874%	6,812.9	0.187%	BB	0.066	1,718.13	0.2217%
74	22.242	METHOXYCHLOR	0.6329	5.1812%	138,027.0	3.794%	BB	0.073	31,639.57	4.0829%
75	22.377		0.0000	0.0000%	2,513.3	0.069%	BB	0.048	873.61	0.1127%
76	22.587		0.0000	0.0000%	9,678.3	0.266%	BB	0.069	2,329.46	0.3006%
77	22.786		0.0000	0.0000%	3,959.4	0.109%	BB	0.070	946.90	0.1222%
78	23.002		0.0000	0.0000%	1,355.3	0.037%	BB	0.081	279.46	0.0361%
79	23.202		0.0000	0.0000%	18,666.1	0.513%	BB	0.085	3,666.82	0.4732%
80	23.549		0.0000	0.0000%	3,533.4	0.097%	BB	0.062	945.31	0.1220%
81	23.648		0.0000	0.0000%	2,485.5	0.068%	BB	0.078	528.45	0.0682%
82	23.890		0.0000	0.0000%	2,406.4	0.066%	BB	0.086	464.34	0.0599%
83	24.024		0.0000	0.0000%	203.5	0.006%	BB	0.049	69.42	0.0090%
84	24.134		0.0000	0.0000%	831.3	0.023%	BB	0.060	229.55	0.0296%
85	24.416		0.0000	0.0000%	462.6	0.013%	BB	0.078	98.73	0.0127%
86	25.122		0.0000	0.0000%	1,128.7	0.031%	BB	0.074	253.55	0.0327%
87	25.494		0.0000	0.0000%	2,603.7	0.072%	BB	0.082	527.74	0.0681%
88	25.679		0.0000	0.0000%	1,185.8	0.033%	BB	0.064	309.52	0.0399%
89	25.877	DCB	0.5422	4.4387%	398,364.5	10.950%	BB	0.085	77,915.45	10.0545%
90	27.314		0.0000	0.0000%	4,065.9	0.112%	BB	0.096	707.26	0.0913%
91	27.722		0.0000	0.0000%	2,833.4	0.078%	BB	0.151	311.75	0.0402%

tal area = 3637910 Total amount = 12.21496 Sample units = ug/mL Total height = 774930

50076

File=H:\CP2\HP7\G0919B.08R Date printed=09-19-1994 Time= 12:22:56
Sample Name=.20 PPM TCLP PEST 1000684 INITIAL CALIBRATION
).0 to 30.0 min. Low Y=-0.851 High Y=199.149 mv Span=200.0

Did not use 9-19-94
Curve made without this STD



Primary Column

50077

:Tx1701
50C---6/MIN---275C
ata file = h:\cp2\hp7\G0919B.08R
Date stamp = 09/19/94 Time = 12:23:06
ample name = .20 PPM TCLP PEST 1000684 INITIAL CALIBRATION
ollected on Sep 19, 1994 12:22:31 from port # 6
perator = DC
equence file = HP70919.SEQ #9
nstrument = HP7--DetB
ethod name = H:\CP2\HP7\HP7UPDTb.MET version # 92
Date method last modified = 09/19/94 Time = 13:22:32
alibration file = H:\CP2\HP7\HP7TLB21.CAL version # 4
Date cal file last modified = 09/19/94 Time = 12:04:12
un time = 30.00 minutes Area reject = 0
mount injected = 1 Dilution Factor = 1
ample Weight = 1 Internal Standard Amount = 1
ampling rate = 5 per second
eak detect threshold = 4 Starting peak width = .03 minutes
hrom-Perfect Software Serial # 14694 Version = 6.07 For ARDL
oday's date = 09-19-1994 Time = 13:34:28

K	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.861		0.0000	0.0000%	247,353.2	15.654%	BV	0.055	74,513.07	20.9954%
2	1.027		0.0000	0.0000%	1,957.2	0.124%	VB	0.036	914.50	0.2577%
3	1.208		0.0000	0.0000%	2,943.5	0.186%	BB	0.036	1,366.37	0.3850%
4	1.427		0.0000	0.0000%	1,635.0	0.103%	BB	0.057	478.72	0.1349%
5	1.728		0.0000	0.0000%	656.2	0.042%	BB	0.088	123.80	0.0349%
6	2.588		0.0000	0.0000%	1,601.9	0.101%	BB	0.085	315.16	0.0888%
7	2.833		0.0000	0.0000%	179.1	0.011%	BB	0.045	66.53	0.0187%
8	3.072		0.0000	0.0000%	539.6	0.034%	BB	0.075	119.99	0.0338%
9	4.086		0.0000	0.0000%	1,886.4	0.119%	BB	0.078	403.80	0.1138%
0	5.800	m-XYLENE	0.2277	5.4282%	171,625.9	10.861%	BV	0.082	34,959.79	9.8506%
1	6.030		0.0000	0.0000%	1,934.6	0.122%	VB	0.106	305.39	0.0860%
2	7.464		0.0000	0.0000%	309.5	0.020%	BV	0.091	56.69	0.0160%
3	7.651		0.0000	0.0000%	1,841.2	0.117%	VB	0.078	394.41	0.1111%
4	9.055		0.0000	0.0000%	254.9	0.016%	BB	0.081	52.39	0.0148%
5	10.028		0.0000	0.0000%	559.9	0.035%	BV	0.089	104.53	0.0295%
6	10.510		0.0000	0.0000%	845.6	0.054%	VV	0.105	134.74	0.0380%
7	10.862		0.0000	0.0000%	1,356.5	0.086%	VB	0.126	179.40	0.0505%
8	11.196	g-BHC	0.2215	5.2802%	220,994.1	13.986%	BV	0.074	49,805.23	14.0335%
9	11.562		0.0000	0.0000%	735.9	0.047%	VV	0.078	157.08	0.0443%
0	11.832	Heptachlor	0.2372	5.6552%	192,216.9	12.164%	VV	0.079	40,719.23	11.4734%
1	12.173		0.0000	0.0000%	1,004.5	0.064%	VB	0.087	192.10	0.0541%
2	12.627		0.0000	0.0000%	366.1	0.023%	BV	0.101	60.22	0.0170%
3	12.950		0.0000	0.0000%	906.6	0.057%	VB	0.086	174.69	0.0492%
4	13.662		0.0000	0.0000%	492.1	0.031%	BV	0.074	110.59	0.0312%
5	13.787		0.0000	0.0000%	846.0	0.054%	VV	0.071	199.04	0.0561%
6	13.944		0.0000	0.0000%	1,185.6	0.075%	VV	0.081	243.07	0.0685%
7	14.195		0.0000	0.0000%	1,335.5	0.085%	VB	0.117	190.97	0.0538%
8	14.685		0.0000	0.0000%	1,119.2	0.071%	BV	0.129	144.88	0.0408%
9	14.915		0.0000	0.0000%	451.3	0.029%	VV	0.085	88.47	0.0249%
0	15.303	Hept. Epox.	0.2265	5.4009%	181,689.8	11.498%	VV	0.077	39,503.45	11.1308%
1	15.599		0.0000	0.0000%	3,046.1	0.193%	VV	0.123	413.61	0.1165%
2	15.689		0.0000	0.0000%	2,710.8	0.172%	VV	0.085	532.71	0.1501%
3	15.812		0.0000	0.0000%	1,726.9	0.109%	VV	0.091	316.73	0.0892%
4	16.035	CHLOR #1	0.1742	4.1529%	4,163.6	0.263%	VV	0.084	827.43	0.2331%
5	16.473	CHLOR #2	0.2009	4.7896%	18,305.4	1.158%	VV	0.082	3,725.09	1.0496%
6	16.688	CHLOR #3	0.1798	4.2860%	10,712.5	0.678%	VV	0.070	2,536.32	0.7147%
7	16.801	CHLOR #4	0.1938	4.6199%	17,096.4	1.082%	VV	0.075	3,789.65	1.0678%

50078

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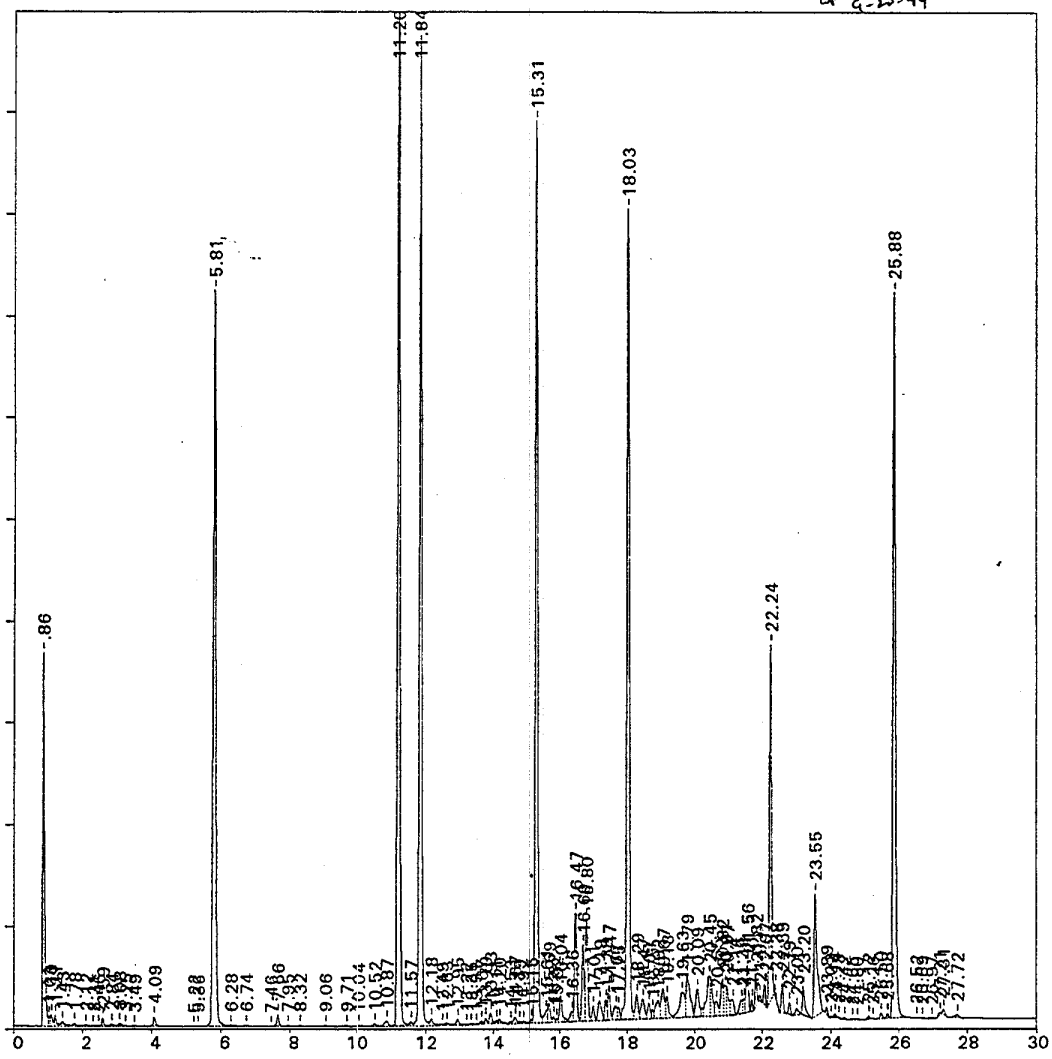
38	17.007		0.0000	0.0000%	2,262.2	0.143%	VV	0.086	437.84	0.1234%
39	17.200		0.0000	0.0000%	3,609.5	0.228%	VV	0.108	554.89	0.1564%
40	17.372		0.0000	0.0000%	2,570.6	0.163%	VV	0.074	576.97	0.1626%
41	17.469	CHLOR #5	0.1602	3.8196%	4,120.2	0.261%	VV	0.075	920.20	0.2593%
42	17.666		0.0000	0.0000%	2,780.3	0.176%	VV	0.114	406.51	0.1145%
43	18.027	Endrin	0.2316	5.5227%	155,022.9	9.811%	VV	0.077	33,424.83	9.4180%
44	18.285		0.0000	0.0000%	3,991.9	0.253%	VV	0.092	720.09	0.2029%
45	18.463	TOX #1	0.3370	8.0350%	3,636.4	0.230%	VV	0.116	521.18	0.1469%
46	18.632		0.0000	0.0000%	1,812.9	0.115%	VV	0.082	367.03	0.1034%
47	18.752		0.0000	0.0000%	1,298.4	0.082%	VV	0.076	283.47	0.0799%
48	18.917		0.0000	0.0000%	4,090.3	0.259%	VV	0.113	605.17	0.1705%
49	19.062	TOX #2	0.3310	7.8918%	5,101.2	0.323%	VV	0.111	763.98	0.2153%
50	19.176		0.0000	0.0000%	2,777.3	0.176%	VB	0.079	582.77	0.1642%
51	19.640		0.0000	0.0000%	7,993.5	0.506%	BV	0.161	825.30	0.2325%
52	19.790		0.0000	0.0000%	8,755.3	0.554%	VV	0.140	1,041.18	0.2934%
53	20.090	TOX #3	0.2978	7.0999%	3,785.0	0.240%	VV	0.106	597.77	0.1684%
54	20.442		0.0000	0.0000%	9,329.0	0.590%	VV	0.173	900.95	0.2539%
55	20.649		0.0000	0.0000%	1,218.3	0.077%	VB	0.088	229.68	0.0647%
56	20.821		0.0000	0.0000%	2,209.6	0.140%	BV	0.066	560.06	0.1578%
57	20.905		0.0000	0.0000%	855.7	0.054%	VB	0.054	262.61	0.0740%
58	21.079		0.0000	0.0000%	1,785.3	0.113%	BB	0.130	229.59	0.0647%
59	21.368		0.0000	0.0000%	2,371.7	0.150%	BV	0.098	403.83	0.1138%
60	21.560		0.0000	0.0000%	4,803.9	0.304%	VB	0.076	1,049.01	0.2956%
61	21.696		0.0000	0.0000%	753.9	0.048%	BB	0.055	228.84	0.0645%
62	21.818	TOX #4	0.3857	9.1957%	3,325.1	0.210%	BB	0.060	931.23	0.2624%
63	21.922		0.0000	0.0000%	437.5	0.028%	BB	0.056	129.50	0.0365%
64	22.068	TOX #5	0.3180	7.5823%	1,973.7	0.125%	BB	0.068	486.13	0.1370%
65	22.241	METHOXYCHLOR	0.2426	5.7842%	52,912.4	3.349%	BB	0.071	12,378.21	3.4878%
66	22.374		0.0000	0.0000%	732.0	0.046%	BB	0.050	246.46	0.0694%
67	22.586		0.0000	0.0000%	2,902.8	0.184%	BB	0.072	671.19	0.1891%
68	22.784		0.0000	0.0000%	1,178.4	0.075%	BB	0.069	285.03	0.0803%
69	22.998		0.0000	0.0000%	390.4	0.025%	BB	0.092	70.45	0.0198%
70	23.201		0.0000	0.0000%	6,767.4	0.428%	BB	0.084	1,343.35	0.3785%
71	23.549		0.0000	0.0000%	760.5	0.048%	BB	0.061	208.11	0.0586%
72	23.650		0.0000	0.0000%	815.7	0.052%	BB	0.079	171.42	0.0483%
73	24.132		0.0000	0.0000%	257.7	0.016%	BB	0.063	68.44	0.0193%
74	25.122		0.0000	0.0000%	341.5	0.022%	BB	0.074	77.10	0.0217%
75	25.494		0.0000	0.0000%	892.9	0.057%	BB	0.079	188.01	0.0530%
76	25.678		0.0000	0.0000%	444.7	0.028%	BB	0.063	116.91	0.0329%
77	25.877	DCB	0.2288	5.4560%	168,141.8	10.641%	BB	0.086	32,444.42	9.1418%
78	27.313		0.0000	0.0000%	1,430.5	0.091%	BB	0.092	260.34	0.0734%
79	27.722		0.0000	0.0000%	940.1	0.059%	BB	0.140	111.91	0.0315%

otal area = 1580165 Total amount = 4.194443 Sample units = ug/mL Total height = 354901.8

File=H:\CP2\HP7\G0919B.17R Date printed=09-19-1994 Time= 20:06:08
Sample Name=1.0 PPM TCLP PEST 1000684 CONTINUING CHECK STD
0.0 to 30.0 min. Low Y=-0.707 High Y=199.293 mv Span=200.0

FINAL CHECK STD
bf 9-20-94



Primary Column

50080

RTx1701
50C---6/MIN---275C
Data file = H:\CP2\HP7\G0919B.17R
Date stamp = 09/19/94 Time = 20:04:52
Sample name = 1.0 PPM TCLP PEST 1000684 CONTINUING CHECK STD
Collected on Sep 19, 1994 20:04:54 from port # 6
Operator = DC
Sequence file = HP70919.SEQ #18
Instrument = HP7--DetB
Method name = H:\CP2\HP7\HP78080B.MET version # 185
Date method last modified = 09/19/94 Time = 13:24:06
Calibration file = H:\CP2\HP7\HP7TLB21.CAL version # 4
Date cal file last modified = 09/19/94 Time = 12:04:12
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .03 minutes
Chrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 20:06:17

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.861		0.0000	0.0000%	255,342.0	3.597%	BV	0.058	73,594.18	5.0128%
2	1.032		0.0000	0.0000%	6,309.8	0.089%	VV	0.054	1,930.89	0.1315%
3	1.098		0.0000	0.0000%	10,416.1	0.147%	VV	0.078	2,217.04	0.1510%
4	1.211		0.0000	0.0000%	8,245.9	0.116%	VV	0.063	2,193.14	0.1494%
5	1.431		0.0000	0.0000%	6,009.2	0.085%	VV	0.108	924.89	0.0630%
6	1.779		0.0000	0.0000%	3,490.3	0.049%	VV	0.091	640.77	0.0436%
7	2.118		0.0000	0.0000%	2,891.0	0.041%	VV	0.145	333.27	0.0227%
8	2.313		0.0000	0.0000%	962.9	0.014%	VV	0.108	148.31	0.0101%
9	2.463		0.0000	0.0000%	696.6	0.010%	VV	0.066	176.95	0.0121%
10	2.592		0.0000	0.0000%	6,201.0	0.087%	VV	0.066	1,555.55	0.1060%
11	2.839		0.0000	0.0000%	1,903.9	0.027%	VV	0.071	446.17	0.0304%
12	3.078		0.0000	0.0000%	3,277.6	0.046%	VV	0.090	610.19	0.0416%
13	3.245		0.0000	0.0000%	636.8	0.009%	VB	0.068	155.33	0.0106%
14	3.490		0.0000	0.0000%	288.5	0.004%	BB	0.058	82.81	0.0056%
15	4.086		0.0000	0.0000%	7,932.7	0.112%	BB	0.076	1,737.79	0.1184%
16	5.225		0.0000	0.0000%	514.1	0.007%	BV	0.086	99.79	0.0068%
17	5.356		0.0000	0.0000%	696.8	0.010%	VB	0.089	129.85	0.0088%
18	5.806	m-XYLENE	0.9966	3.8039%	751,224.7	10.583%	BV	0.086	145,079.69	9.8819%
19	6.283		0.0000	0.0000%	2,305.2	0.032%	VV	0.151	254.04	0.0173%
20	6.743		0.0000	0.0000%	1,220.1	0.017%	VB	0.085	239.64	0.0163%
21	7.463		0.0000	0.0000%	330.8	0.005%	BV	0.092	60.23	0.0041%
22	7.657		0.0000	0.0000%	10,773.3	0.152%	VV	0.078	2,294.96	0.1563%
23	7.953		0.0000	0.0000%	1,464.2	0.021%	VB	0.086	283.74	0.0193%
24	8.321		0.0000	0.0000%	1,026.5	0.014%	BB	0.072	236.35	0.0161%
25	9.062		0.0000	0.0000%	945.7	0.013%	BB	0.077	204.17	0.0139%
26	9.708		0.0000	0.0000%	1,412.7	0.020%	BB	0.120	196.87	0.0134%
27	10.042		0.0000	0.0000%	1,722.5	0.024%	BV	0.105	272.18	0.0185%
28	10.521		0.0000	0.0000%	2,942.8	0.041%	VV	0.093	525.54	0.0358%
29	10.867		0.0000	0.0000%	7,471.9	0.105%	VB	0.120	1,035.35	0.0705%
30	11.199	g-BHC	1.0450	3.9888%	1,042,737.6	14.690%	BV	0.076	228,070.45	15.5348%
31	11.570		0.0000	0.0000%	4,345.8	0.061%	VV	0.098	735.36	0.0501%
32	11.836	Heptachlor	1.1618	4.4347%	941,494.0	13.263%	VV	0.081	194,547.06	13.2514%
33	12.179		0.0000	0.0000%	7,622.9	0.107%	VV	0.101	1,263.39	0.0861%
34	12.493		0.0000	0.0000%	1,618.2	0.023%	VV	0.126	214.38	0.0146%
35	12.630		0.0000	0.0000%	3,096.6	0.044%	VV	0.135	381.57	0.0260%
36	12.955		0.0000	0.0000%	5,986.0	0.084%	VV	0.092	1,082.29	0.0737%
37	13.223		0.0000	0.0000%	704.2	0.010%	VB	0.129	91.05	0.0062%

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38	13.352		0.0000	0.0000%	387.7	0.005%	BV	0.076	85.51	0.0058%
39	13.512		0.0000	0.0000%	310.2	0.004%	VB	0.070	73.98	0.0050%
40	13.667		0.0000	0.0000%	2,651.8	0.037%	BV	0.073	606.94	0.0413%
41	13.791		0.0000	0.0000%	4,651.3	0.066%	VV	0.071	1,099.52	0.0749%
42	13.935		0.0000	0.0000%	10,842.4	0.153%	VV	0.089	2,029.31	0.1382%
43	14.106		0.0000	0.0000%	2,330.4	0.033%	VV	0.076	512.80	0.0349%
44	14.202		0.0000	0.0000%	4,320.2	0.061%	VB	0.090	804.09	0.0548%
45	14.533		0.0000	0.0000%	1,727.6	0.024%	BV	0.067	427.12	0.0291%
46	14.674		0.0000	0.0000%	8,178.0	0.115%	VV	0.112	1,215.55	0.0828%
47	14.792		0.0000	0.0000%	1,789.2	0.025%	VV	0.071	417.52	0.0284%
48	14.919		0.0000	0.0000%	1,827.7	0.026%	VV	0.079	387.73	0.0264%
49	15.153		0.0000	0.0000%	2,867.0	0.040%	VV	0.066	725.36	0.0494%
50	15.306	Hept. Epox.	1.0373	3.9594%	831,964.3	11.720%	VV	0.078	177,292.33	12.0761%
51	15.606		0.0000	0.0000%	14,988.0	0.211%	VV	0.109	2,298.47	0.1566%
52	15.686		0.0000	0.0000%	19,274.6	0.272%	VV	0.086	3,715.32	0.2531%
53	15.818		0.0000	0.0000%	5,015.1	0.071%	VV	0.079	1,058.35	0.0721%
54	15.918		0.0000	0.0000%	2,460.7	0.035%	VV	0.066	620.69	0.0423%
55	16.037	CHLOR #1	1.0970	4.1871%	26,220.4	0.369%	VV	0.084	5,218.30	0.3554%
56	16.364		0.0000	0.0000%	9,996.5	0.141%	VV	0.088	1,887.59	0.1286%
57	16.474	CHLOR #2	1.0805	4.1241%	98,451.4	1.387%	VV	0.077	21,232.44	1.4462%
58	16.689	CHLOR #3	1.0898	4.1596%	64,938.7	0.915%	VV	0.073	14,802.24	1.0082%
59	16.802	CHLOR #4	1.0826	4.1322%	95,513.6	1.346%	VV	0.079	20,133.71	1.3714%
60	17.010		0.0000	0.0000%	14,156.3	0.199%	VV	0.086	2,735.98	0.1864%
61	17.194		0.0000	0.0000%	25,372.3	0.357%	VV	0.113	3,736.14	0.2545%
62	17.376		0.0000	0.0000%	16,779.3	0.236%	VV	0.072	3,886.59	0.2647%
63	17.471	CHLOR #5	1.1380	4.3436%	29,265.8	0.412%	VV	0.073	6,644.75	0.4526%
64	17.668		0.0000	0.0000%	17,586.1	0.248%	VV	0.111	2,646.37	0.1803%
65	17.750		0.0000	0.0000%	10,608.7	0.149%	VV	0.073	2,416.89	0.1646%
66	18.029	Endrin	1.1367	4.3388%	760,721.7	10.717%	VV	0.080	159,470.19	10.8621%
67	18.287		0.0000	0.0000%	26,134.4	0.368%	VV	0.093	4,692.77	0.3196%
68	18.468	TOX #1	2.4400	9.3134%	26,327.2	0.371%	VV	0.116	3,785.53	0.2578%
69	18.635		0.0000	0.0000%	14,966.5	0.211%	VV	0.087	2,868.81	0.1954%
70	18.749		0.0000	0.0000%	7,798.8	0.110%	VV	0.075	1,731.85	0.1180%
71	18.916		0.0000	0.0000%	25,842.9	0.364%	VV	0.126	3,425.54	0.2333%
72	19.067	TOX #2	2.4926	9.5141%	38,412.7	0.541%	VV	0.115	5,560.32	0.3787%
73	19.180		0.0000	0.0000%	23,913.7	0.337%	VV	0.097	4,106.67	0.2797%
74	19.633		0.0000	0.0000%	51,713.0	0.729%	VV	0.178	4,834.48	0.3293%
75	19.791		0.0000	0.0000%	70,896.1	0.999%	VV	0.145	8,136.48	0.5542%
76	20.094	TOX #3	2.9143	11.1238%	37,040.3	0.522%	VV	0.116	5,299.53	0.3610%
77	20.446		0.0000	0.0000%	52,245.7	0.736%	VV	0.112	7,777.36	0.5297%
78	20.653		0.0000	0.0000%	19,484.8	0.274%	VV	0.117	2,786.44	0.1898%
79	20.824		0.0000	0.0000%	33,332.9	0.470%	VV	0.083	6,692.93	0.4559%
80	20.907		0.0000	0.0000%	24,500.9	0.345%	VV	0.069	5,950.05	0.4053%
81	20.966		0.0000	0.0000%	27,453.2	0.387%	VV	0.081	5,640.22	0.3842%
82	21.138		0.0000	0.0000%	22,479.9	0.317%	VB	0.131	2,869.36	0.1954%
83	21.386		0.0000	0.0000%	13,480.7	0.190%	BV	0.088	2,556.82	0.1742%
84	21.456		0.0000	0.0000%	10,391.1	0.146%	VV	0.065	2,657.57	0.1810%
85	21.563		0.0000	0.0000%	44,217.7	0.623%	VV	0.080	9,233.33	0.6289%
86	21.697		0.0000	0.0000%	7,240.8	0.102%	VB	0.056	2,158.99	0.1471%
87	21.822	TOX #4	2.4744	9.4446%	21,331.4	0.301%	BB	0.060	5,893.27	0.4014%
88	21.932		0.0000	0.0000%	4,462.6	0.063%	BB	0.059	1,262.88	0.0860%
89	22.072	TOX #5	2.6451	10.0962%	16,415.3	0.231%	BB	0.067	4,062.63	0.2767%
90	22.244	METHOXYCHLOR	1.3933	5.3180%	303,861.2	4.281%	BB	0.072	69,992.85	4.7675%
91	22.380		0.0000	0.0000%	7,060.1	0.099%	BB	0.051	2,313.03	0.1575%
92	22.589		0.0000	0.0000%	23,433.0	0.330%	BB	0.069	5,660.75	0.3856%
93	22.789		0.0000	0.0000%	9,820.5	0.138%	BB	0.071	2,289.52	0.1559%
94	23.005		0.0000	0.0000%	7,875.5	0.111%	BB	0.107	1,224.06	0.0834%
95	23.203		0.0000	0.0000%	30,223.2	0.426%	BB	0.091	5,551.44	0.3781%
96	23.550		0.0000	0.0000%	153,867.6	2.168%	BB	0.107	24,047.04	1.6379%
97	23.891		0.0000	0.0000%	4,668.7	0.066%	BB	0.056	1,378.11	0.0939%

G0919B.17R
Jm 9-20-94

98	24.025		0.0000	0.0000%	636.0	0.009%	BB	0.046	230.90	0.0157%
99	24.137		0.0000	0.0000%	2,334.2	0.033%	BB	0.061	641.28	0.0437%
00	24.235		0.0000	0.0000%	937.3	0.013%	BB	0.055	285.98	0.0195%
01	24.420		0.0000	0.0000%	1,406.8	0.020%	BB	0.074	317.84	0.0216%
02	24.652		0.0000	0.0000%	433.1	0.006%	BB	0.061	118.61	0.0081%
03	24.798		0.0000	0.0000%	759.7	0.011%	BB	0.091	138.78	0.0095%
04	25.124		0.0000	0.0000%	2,722.6	0.038%	BB	0.073	623.30	0.0425%
05	25.255		0.0000	0.0000%	471.2	0.007%	BB	0.057	136.76	0.0093%
06	25.496		0.0000	0.0000%	5,304.6	0.075%	BB	0.084	1,053.04	0.0717%
07	25.682		0.0000	0.0000%	3,353.3	0.047%	BB	0.064	868.98	0.0592%
08	25.880	DCB	0.9740	3.7178%	715,647.9	10.082%	BB	0.083	142,851.81	9.7302%
09	26.520		0.0000	0.0000%	528.9	0.007%	BB	0.073	120.01	0.0082%
10	26.694		0.0000	0.0000%	342.4	0.005%	BB	0.073	77.76	0.0053%
11	26.973		0.0000	0.0000%	310.0	0.004%	BB	0.089	57.79	0.0039%
12	27.206		0.0000	0.0000%	1,807.9	0.025%	BB	0.075	403.39	0.0275%
13	27.313		0.0000	0.0000%	4,482.2	0.063%	BB	0.076	984.66	0.0671%
14	27.724		0.0000	0.0000%	4,623.5	0.065%	BB	0.140	550.12	0.0375%

otal area = 7098451 Total amount = 26.19898 Sample units = ug/mL Total height = 1468128

********** PESTICIDE/PCB ANALYSIS **********

* TODAY'S DATE....09-20-1994 TIME.....08:21:18
* RAW DATA FILE NAME..H:\CP2\HP7\G0919B.17R
* SAMPLE NAME.....1.0 PPM TCLP PEST 1000684 CONTINUING CHECK STD
* DATE TAKEN..Sep 19, 1994 20:04:54
* METHOD FILE.....H:\CP2\HP7\HP78080B.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLB21.CAL
* INSTRUMENT..... HP7--DetB OPERATOR.... DC
* RUN TIME..... 30
* AREA REJECT..... 0 COM PORT.... 6
* SAMPLE WEIGHT... 1 DIL Factor.. 1
* Amount Injected 1 Int Std Amt . 1

********** PEAKS DETECTED IN THIS CHROMATOGRAM **********

Peak #	Ret Time (min)	Peak Area	Peak Name	%D	CF
18	5.806	751225	m-XYLENE	-0.34	753792
30	11.199	1042738	g-BHC	4.50	997823
32	11.836	941494	Heptachlor	16.18	810346
50	15.306	831964	Hept. Epox	3.73	802023
55	16.037	26220	CHLOR #1	9.70	23902
57	16.474	98451	CHLOR #2	8.05	91118
58	16.689	64939	CHLOR #3	8.98	59589
59	16.802	95514	CHLOR #4	8.26	88226
63	17.471	29266	CHLOR #5	13.80	25718
66	18.029	760722	Endrin	13.67	669223
68	18.468	26327	TOX #1	144.00	10790
72	19.067	38413	TOX #2	149.26	15411
76	20.094	37040	TOX #3	191.43	12710
87	21.822	21331	TOX #4	147.43	8621
89	22.072	16415	TOX #5	164.51	6206
90	22.244	303861	METHOXYCHL	39.33	218093
108	25.880	715648	DCB	-2.60	734731

Checked by GDH Date 9-20-94

FOR ALL COMPOUNDS EXCEPT TOX

Primary Column

50084

```
**********************   PESTICIDE/PCB ANALYSIS   *******************
*
* TODAY'S DATE....09-20-1994          TIME.....08:20:34
* RAW DATA FILE NAME..H:\CP2\HP7\G0919B.17R
* SAMPLE NAME.....1.0 PPM TCLP PEST 1000684 CONTINUING CHECK STD
* DATE TAKEN..Sep 19, 1994  20:04:54
* METHOD FILE.....H:\CP2\HP7\HP78080B.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLB21.CAL
* INSTRUMENT...... HP7--DetB                  OPERATOR.... DC
* RUN TIME........ 30
* AREA REJECT..... 0                 COM PORT....  6
* SAMPLE WEIGHT... 1                 DIL Factor.. 1
* Amount Injected  1                 Int Std Amt . 1
*****************************************************************

******************** PEAKS DETECTED IN THIS CHROMATOGRAM *************
```

Peak #	Ret Time (min)	Peak Area	Peak Name	%D	CF
18	5.806	751225	m-XYLENE	-50.17	753792
30	11.199	1042738	g-BHC	-47.75	997823
32	11.836	941494	Heptachlor	-41.91	810346
50	15.306	831964	Hept. Epox	-48.13	802023
55	16.037	26220	CHLOR #1	-45.15	23902
57	16.474	98451	CHLOR #2	-45.98	91118
58	16.689	64939	CHLOR #3	-45.51	59589
59	16.802	95514	CHLOR #4	-45.87	88226
63	17.471	29266	CHLOR #5	-43.10	25718
66	18.029	760722	Endrin	-43.16	669223
68	18.468	26327	TOX #1	22.00	10790
72	19.067	38413	TOX #2	24.63	15411
76	20.094	37040	TOX #3	45.71	12710
87	21.822	21331	TOX #4	23.72	8621
89	22.072	16415	TOX #5	32.25	6206
90	22.244	303861	METHOXYCHL	-30.34	218093
108	25.880	715648	DCB	-51.30	734731

Checked by _____ Date 9-20-94

FOR TOX ONLY

Primary Column

50085

CAL. FILE - HP7/LP21

COLUMN - RTX5

COMPOUND	RETENTION TIME (min.)	AVERAGE CALIBRATION FACTOR
M-XYLENE	5.00	978461
g-BHC	7.81	1054391
HEPTACHLOR	10.41	732907
HEPTACHLOR EPOXIDE	13.12	962795
CHLORDANE #1	12.86	33407
CHLORDANE #2	13.49	11776
CHLORDANE #3	13.95	113114
CHLORDANE #4	14.48	82198
CHLORDANE #5	14.64	89706
ENDRIN	15.94	688171
TOXAPHENE #1	16.26	12462
TOXAPHENE #2	16.74	43867
TOXAPHENE #3	17.71	11392
TOXAPHENE #4	18.18	8381
TOXAPHENE #5	18.84	27973
METHOXYCHLOR	19.87	225189
DCB	24.98	1076164

files used: HP7/60919.01
02
03
04
05
07

Confirmation Only

curve checked by CDH

date 9/9/94

50086

al file = H:\CP2\HP7\HP7TLP21.CAL Version number = 3
al file date = 09-19-1994 13:05:10
xternal standard calibration.
efault injection volume = 1 Area reject = 0
eference peak area reject = 0 Sample units = ug/mL

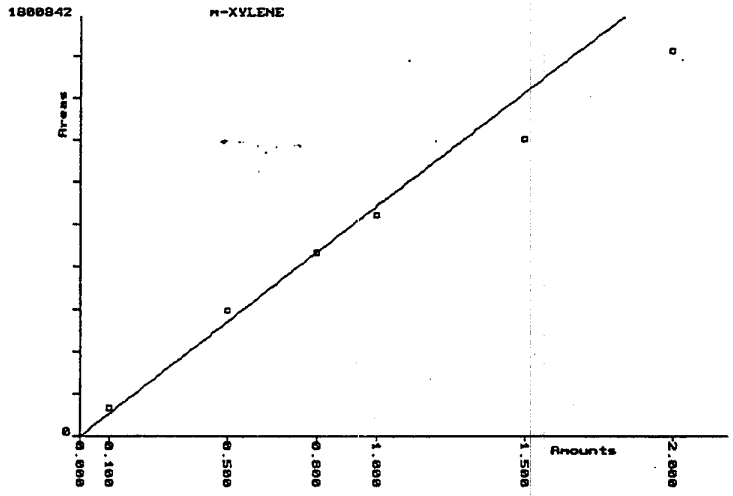
9-20-94

0.2 Std was not used
because curve was finished
before 0.2 Std came off, Det Bennade

Confirmation Only

50087

1 **m-XYLENE** Ret time= 5.001 min. Search window= 0.080 min.
o reference peak for this compound.
o internal standard for this compound.
igh Alarm amount = 0 Low Alarm amount = 0
omponent constant = 978461
uantitation will be by peak area.

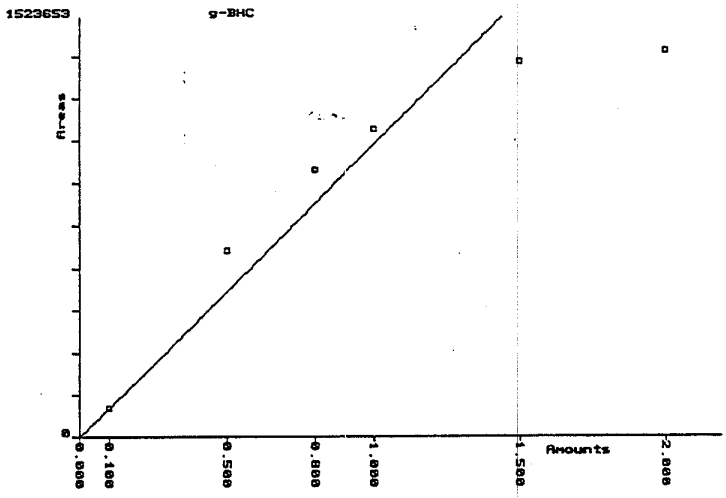


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	1648066	82403.3E+01	G0919.01A	09-19-1994 11:47
2	1.50000	1269679	84645.2E+01	G0919.02A	09-19-1994 11:47
3	0.10000	120302	12030.2E+02	G0919.03A	09-19-1994 11:47
4	1.00000	941868	94186.8E+01	G0919.04A	09-19-1994 11:47
5	0.80000	784150	98018.7E+01	G0919.05A	09-19-1994 11:47
6	0.50000	537601	10752.0E+02	G0919.07A	09-19-1994 11:50

Fit type = Average CF with equal weighting
Coef of determination= .9042254 Ave error=11.0102%
Area = 00.e00 +97.846e04*X^1
Average CF (EPA method 8000) = 978460.8125 with %RSD = 14.626%

Confirmation Only

2 g-BHC Ret time= 7.808 min. Search window= 0.050 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 1054391
Quantitation will be by peak area.

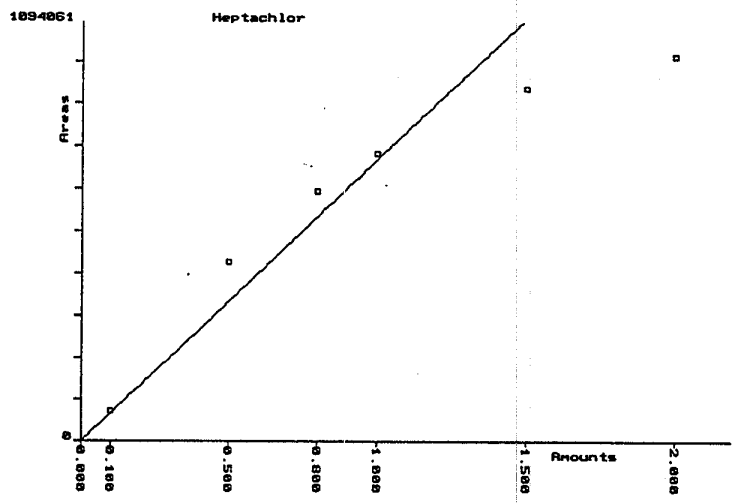


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	1394742	69737.1E+01	G0919.01A	09-19-1994 11:47
2	1.50000	1358171	90544.7E+01	G0919.02A	09-19-1994 11:47
3	0.10000	105637	10563.7E+02	G0919.03A	09-19-1994 11:47
4	1.00000	1113466	11134.7E+02	G0919.04A	09-19-1994 11:47
5	0.80000	961575	12019.7E+02	G0919.05A	09-19-1994 11:47
6	0.50000	675862	13517.2E+02	G0919.07A	09-19-1994 11:50

Fit type = Average CF with equal weighting
Coef of determination= .4912524 Ave error=17.9020%
Area = 00.e00 +10.544e05*X^1
Average CF (EPA method 8000) = 1054391.125 with %RSD = 21.765%

Confirmation Only

3 **Heptachlor** Ret time= 10.413 min. Search window= 0.090 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 732907
Quantitation will be by peak area.

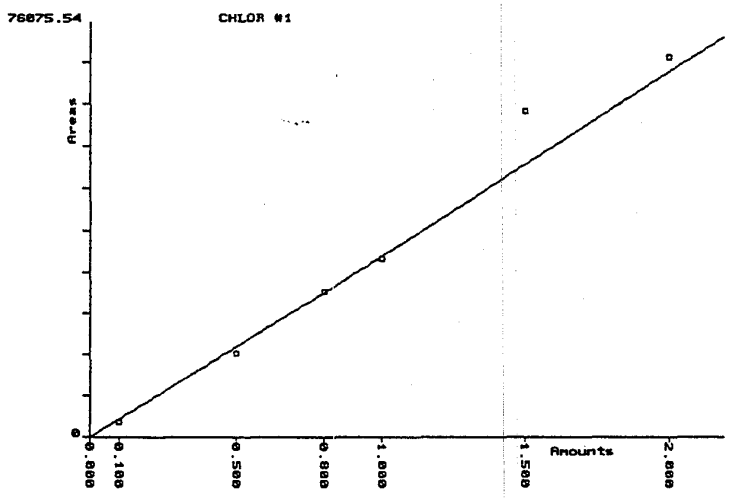


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	1001709	50085.4E+01	G0919.01A	09-19-1994 11:47
2	1.50000	918795	61253.0E+01	G0919.02A	09-19-1994 11:47
3	0.10000	78183	78183.1E+01	G0919.03A	09-19-1994 11:47
4	1.00000	748557	74855.7E+01	G0919.04A	09-19-1994 11:47
5	0.80000	652424	81553.0E+01	G0919.05A	09-19-1994 11:47
6	0.50000	469070	93814.0E+01	G0919.07A	09-19-1994 11:50

Fit type = Average CF with equal weighting
Coef of determination= .534399 Ave error=17.7233%
Area = 00.e00 +73.291e04*X^1
Average CF (EPA method 8000) = 732906.9375 with %RSD = 21.131%

Confirmation Only

4 **CHLOR #1** Ret time= 12.862 min. Search window= 0.080 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 33407
Quantitation will be by peak area.

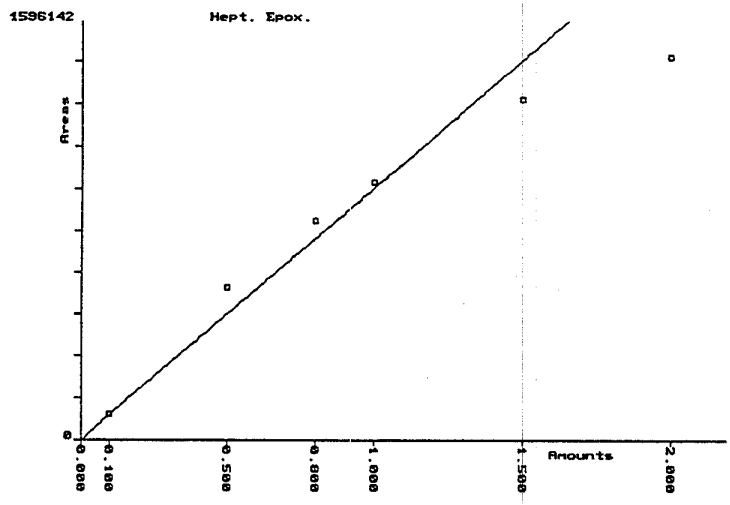


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	69415	34707.7E+00	G0919.01A	09-19-1994 11:47
2	1.50000	59860	39906.9E+00	G0919.02A	09-19-1994 11:47
3	0.10000	2814	28144.4E+00	G0919.03A	09-19-1994 11:47
4	1.00000	33075	33074.5E+00	G0919.04A	09-19-1994 11:47
5	0.80000	26808	33509.4E+00	G0919.05A	09-19-1994 11:47
6	0.50000	15551	31102.0E+00	G0919.07A	09-19-1994 11:50

Fit type = Average CF with equal weighting
Coef of determination= .9684979 Ave error=7.9094%
Area = 00.e00 +33.407e03*X^1
Average CF (EPA method 8000) = 33407.4961 with %RSD = 11.752%

Confirmation Only

5 **Hept. Epox.** Ret time= 13.116 min. Search window= 0.080 min.
o reference peak for this compound.
o internal standard for this compound.
igh Alarm amount = 0 Low Alarm amount = 0
omponent constant = 962795
uantitation will be by peak area.

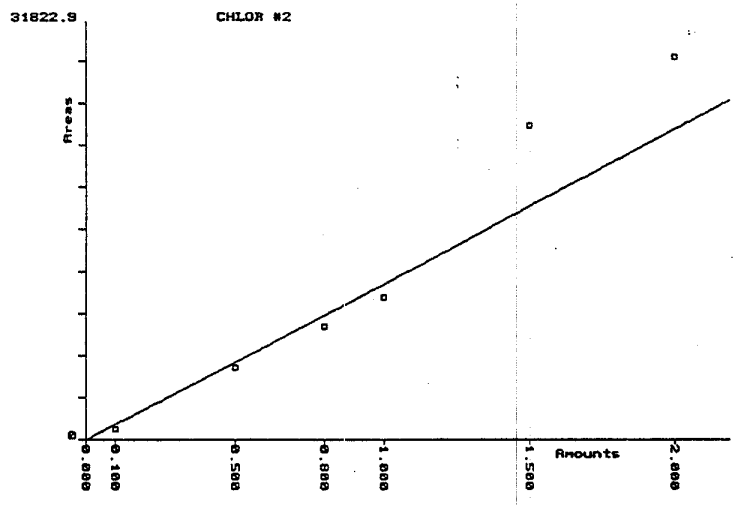


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	1459913	72995.6E+01	G0919.01A	09-19-1994 11:47
2	1.50000	1296986	86465.7E+01	G0919.02A	09-19-1994 11:47
3	0.10000	97615	97614.7E+01	G0919.03A	09-19-1994 11:47
4	1.00000	988907	98890.7E+01	G0919.04A	09-19-1994 11:47
5	0.80000	840789	10509.9E+02	G0919.05A	09-19-1994 11:47
6	0.50000	583059	11661.2E+02	G0919.07A	09-19-1994 11:50

Fit type = Average CF with equal weighting
Coef of determination= .7920315 Ave error=12.1805%
Area = 00.e00 +96.28e04*X^1
Average CF (EPA method 8000) = 962795.0625 with %RSD = 15.671%

Confirmation Only

6 **CHLOR #2** Ret time= 13.490 min. Search window= 0.080 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 11776
Quantitation will be by peak area.

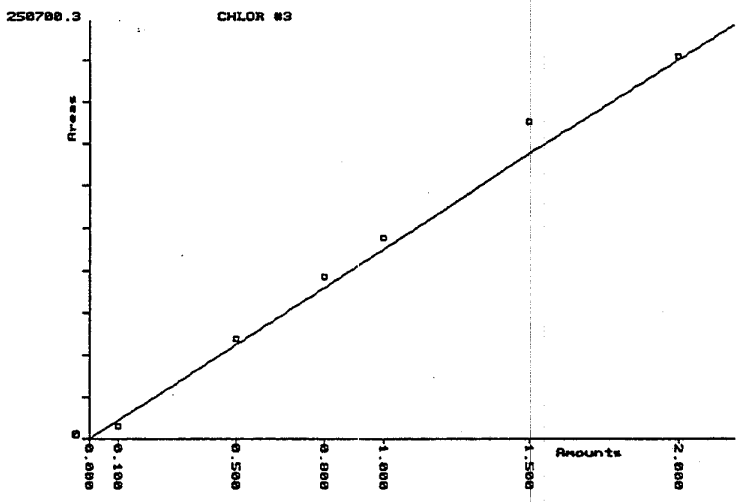


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	29000	14500.1E+00	G0919.01A	09-19-1994 11:47
2	1.50000	23884	15922.4E+00	G0919.02A	09-19-1994 11:47
3	0.10000	773	77282.9E-01	G0919.03A	09-19-1994 11:47
4	1.00000	10825	10824.6E+00	G0919.04A	09-19-1994 11:47
5	0.80000	8602	10752.7E+00	G0919.05A	09-19-1994 11:47
6	0.50000	5463	10925.1E+00	G0919.07A	09-19-1994 11:50

Fit type = Average CF with equal weighting
Coef of determination= .8837575 Ave error=20.5474%
Area = 00.e00 +11.776e03*X^1
Average CF (EPA method 8000) = 11775.5205 with %RSD = 25.098%

Confirmation Only

7 **CHLOR #3** Ret time= 13.949 min. Search window= 0.080 min.
o reference peak for this compound.
o internal standard for this compound.
igh Alarm amount = 0 Low Alarm amount = 0
omponent constant = 113114
uantitation will be by peak area.

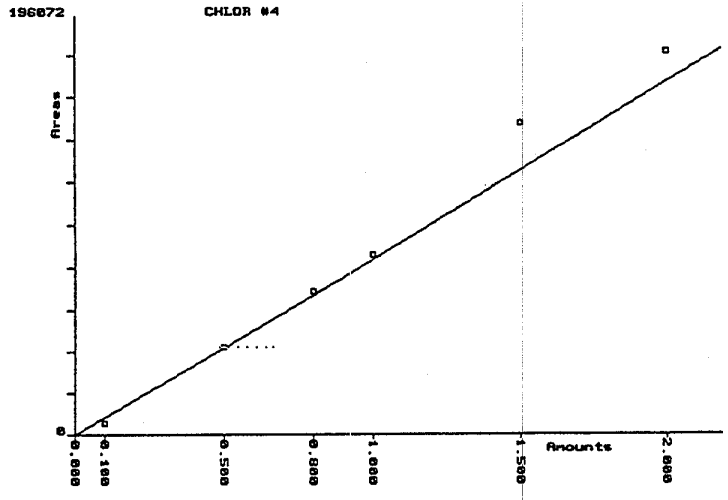


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	228603	11430.1E+01	G0919.01A	09-19-1994 11:47
2	1.50000	189458	12630.6E+01	G0919.02A	09-19-1994 11:47
3	0.10000	7628	76282.3E+00	G0919.03A	09-19-1994 11:47
4	1.00000	120017	12001.7E+01	G0919.04A	09-19-1994 11:47
5	0.80000	97125	12140.6E+01	G0919.05A	09-19-1994 11:47
6	0.50000	60187	12037.4E+01	G0919.07A	09-19-1994 11:50

Fit type = Average CF with equal weighting
Coef of determination= .984518 Ave error=13.0630%
Area = 00.e00 +11.311e04*X^1
Average CF (EPA method 8000) = 113114.375 with %RSD = 16.307%

Confirmation Only

8 **CHLOR #4** Ret time= 14.476 min. Search window= 0.080 min.
o reference peak for this compound.
o internal standard for this compound.
igh Alarm amount = 0 Low Alarm amount = 0
omponent constant = 82198
uantitation will be by peak area.

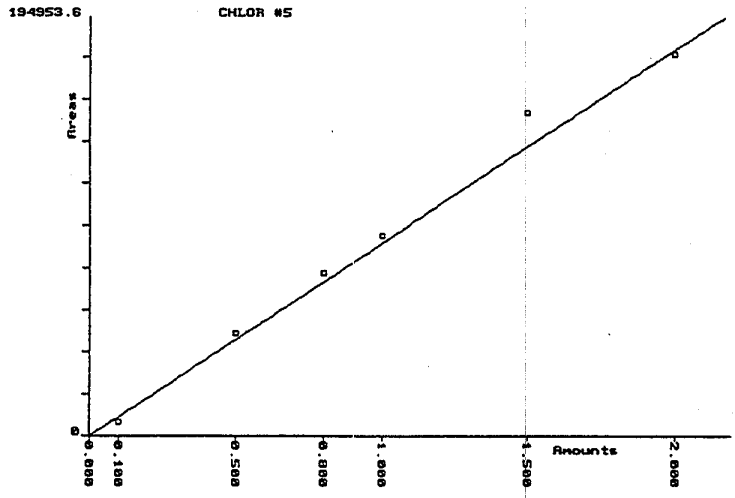


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	178747	89373.6E+00	G0919.01A	09-19-1994 11:47
2	1.50000	145551	97033.7E+00	G0919.02A	09-19-1994 11:47
3	0.10000	5500	54998.9E+00	G0919.03A	09-19-1994 11:47
4	1.00000	84575	84575.4E+00	G0919.04A	09-19-1994 11:47
5	0.80000	67568	84459.8E+00	G0919.05A	09-19-1994 11:47
6	0.50000	41372	82744.3E+00	G0919.07A	09-19-1994 11:50

Fit type = Average CF with equal weighting
Coef of determination= .9657508 Ave error=13.1538%
Area = 00.e00 +82.198e03*X^1
Average CF (EPA method 8000) = 82197.6328 with %RSD = 17.397%

Confirmation Only

9 **CHLOR #5** Ret time= 14.642 min. Search window= 0.080 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 89706
Quantitation will be by peak area.

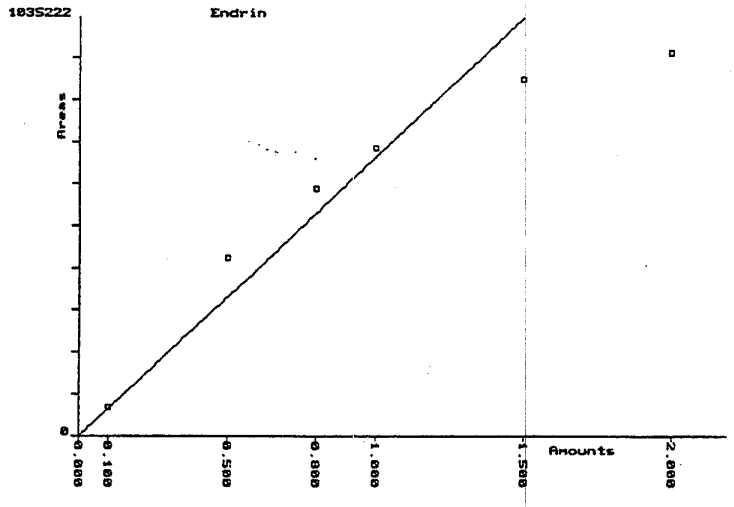


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	177826	88913.2E+00	G0919.01A	09-19-1994 11:47
2	1.50000	150285	10019.0E+01	G0919.02A	09-19-1994 11:47
3	0.10000	6553	65533.7E+00	G0919.03A	09-19-1994 11:47
4	1.00000	93239	93238.6E+00	G0919.04A	09-19-1994 11:47
5	0.80000	75757	94696.2E+00	G0919.05A	09-19-1994 11:47
6	0.50000	47833	95666.3E+00	G0919.07A	09-19-1994 11:50

Fit type = Average CF with equal weighting
Coef of determination= .9855558 Ave error=10.5882%
Area = 00.e00 +89.706e03*X^1
Average CF (EPA method 8000) = 89706.2813 with %RSD = 13.813%

Confirmation Only

10 **Endrin** Ret time= 15.937 min. Search window= 0.050 min.
o reference peak for this compound.
o internal standard for this compound.
igh Alarm amount = 0 Low Alarm amount = 0
omponent constant = 688171
uantitation will be by peak area.

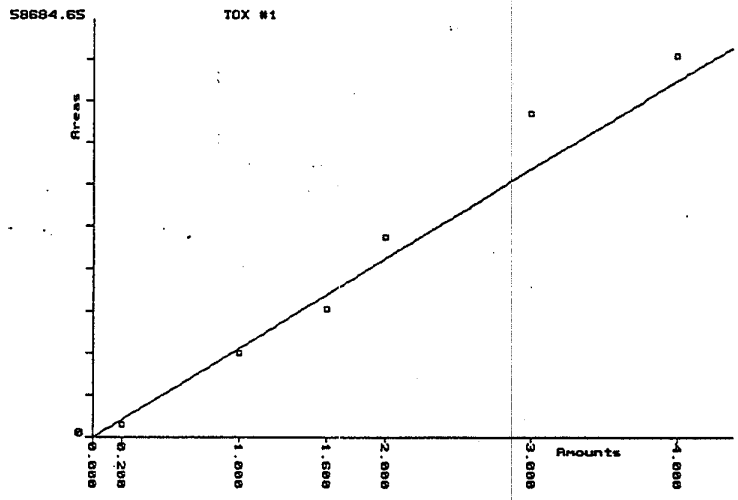


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	947554	47377.7E+01	G0919.01A	09-19-1994 11:47
2	1.50000	883328	58888.5E+01	G0919.02A	09-19-1994 11:47
3	0.10000	70875	70874.9E+01	G0919.03A	09-19-1994 11:47
4	1.00000	713202	71320.2E+01	G0919.04A	09-19-1994 11:47
5	0.80000	611273	76409.2E+01	G0919.05A	09-19-1994 11:47
6	0.50000	440160	88031.9E+01	G0919.07A	09-19-1994 11:50

Fit type = Average CF with equal weighting
Coef of determination= .576737 Ave error=16.7147%
Area = 00.e00 +68.817e04*X^1
Average CF (EPA method 8000) = 688170.75 with %RSD = 20.505%

Confirmation Only

11 **TOX #1** Ret time= 16.257 min. Search window= 0.060 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 12462
Quantitation will be by peak area.

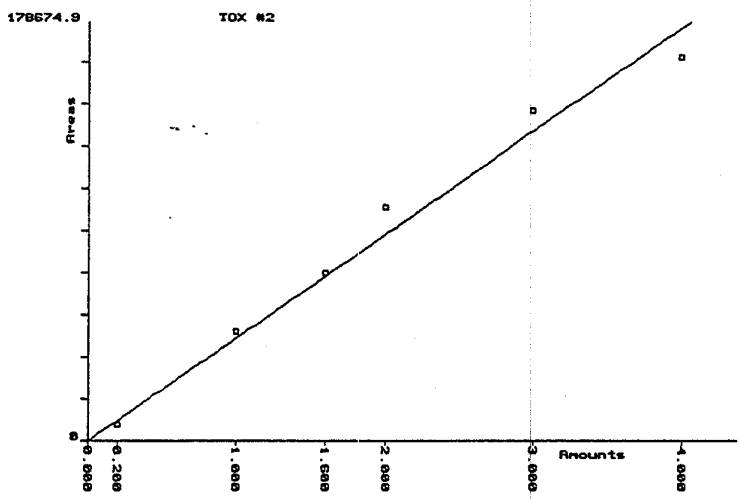


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	4.00000	53520	13380.0E+00	G0919.01A	09-19-1994 11:47
2	3.00000	45332	15110.8E+00	G0919.02A	09-19-1994 11:47
3	0.20000	1875	93764.1E-01	G0919.03A	09-19-1994 11:47
4	2.00000	27910	13955.0E+00	G0919.04A	09-19-1994 11:47
5	1.60000	18003	11252.0E+00	G0919.05A	09-19-1994 11:47
6	1.00000	11699	11699.0E+00	G0919.07A	09-19-1994 11:50

Fit type = Average CF with equal weighting
Coef of determination= .9545233 Ave error=14.2123%
Area = 00.e00 +12.462e03*X^1
Average CF (EPA method 8000) = 12462.21 with %RSD = 16.699%

Confirmation Only

12 **TOX #2** Ret time= 16.740 min. Search window= 0.060 min.
o reference peak for this compound.
o internal standard for this compound.
igh Alarm amount = 0 Low Alarm amount = 0
omponent constant = 43867
uantitation will be by peak area.

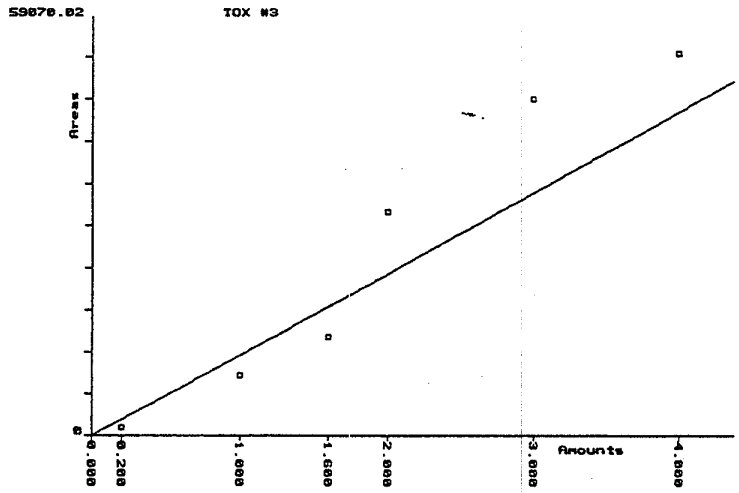


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	4.00000	163060	40765.0E+00	G0919.01A	09-19-1994 11:47
2	3.00000	140553	46851.2E+00	G0919.02A	09-19-1994 11:47
3	0.20000	6911	34553.4E+00	G0919.03A	09-19-1994 11:47
4	2.00000	99431	49715.3E+00	G0919.04A	09-19-1994 11:47
5	1.60000	71537	44710.6E+00	G0919.05A	09-19-1994 11:47
6	1.00000	46607	46606.5E+00	G0919.07A	09-19-1994 11:50

Fit type = Average CF with equal weighting
Coef of determination= .9775428 Ave error=10.0769%
Area = 00.e00 +43.867e03*X^1
Average CF (EPA method 8000) = 43866.9961 with %RSD = 12.39%

Confirmation Only

13 **TOX #3** Ret time= 17.707 min. Search window= 0.060 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 11392
Quantitation will be by peak area.

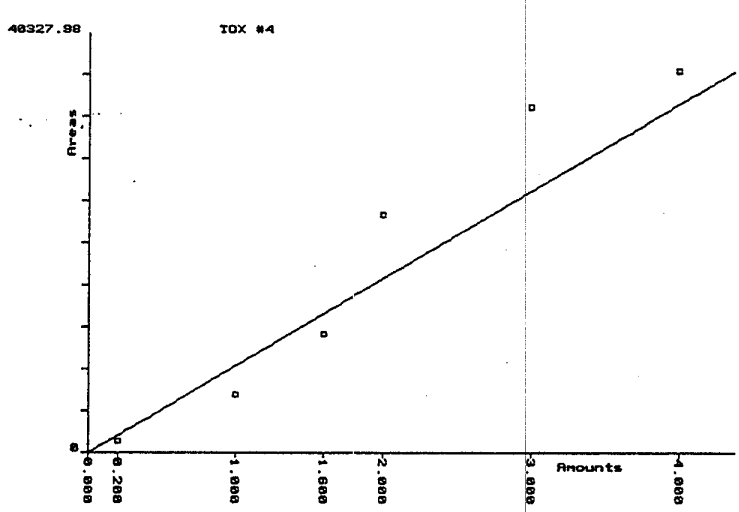


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	4.00000	53810	13452.5E+00	G0919.01A	09-19-1994 11:47
2	3.00000	47436	15811.9E+00	G0919.02A	09-19-1994 11:47
3	0.20000	1209	60434.1E-01	G0919.03A	09-19-1994 11:47
4	2.00000	31653	15826.3E+00	G0919.04A	09-19-1994 11:47
5	1.60000	13951	87194.2E-01	G0919.05A	09-19-1994 11:47
6	1.00000	8496	84964.6E-01	G0919.07A	09-19-1994 11:50

Fit type = Average CF with equal weighting
Coef of determination= .8497304 Ave error=37.4192%
Area = 00.e00 +11.392e03*X^1
Average CF (EPA method 8000) = 11391.665 with %RSD = 36.739%

Confirmation Only

14 **TOX #4** Ret time= 18.181 min. Search window= 0.060 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 8381
Quantitation will be by peak area.

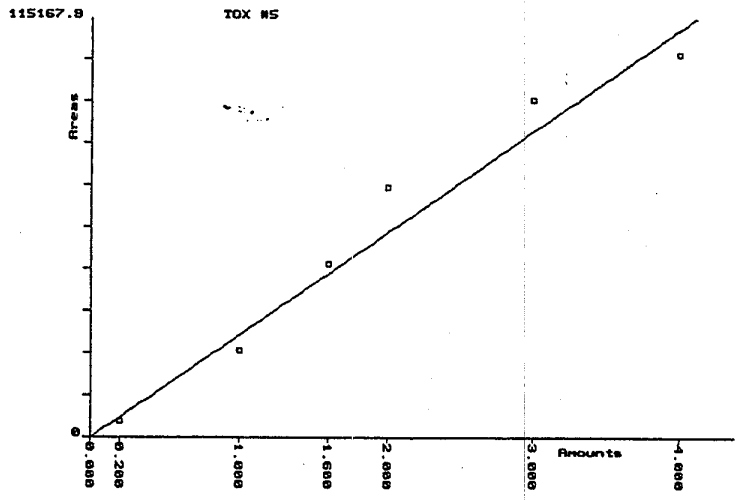


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	4.00000	36766	91915.0E-01	G0919.01A	09-19-1994 11:47
2	3.00000	33243	11081.1E+00	G0919.02A	09-19-1994 11:47
3	0.20000	1146	57316.4E-01	G0919.03A	09-19-1994 11:47
4	2.00000	22861	11430.4E+00	G0919.04A	09-19-1994 11:47
5	1.60000	11485	71780.6E-01	G0919.05A	09-19-1994 11:47
6	1.00000	5671	56712.5E-01	G0919.07A	09-19-1994 11:50

Fit type = Average CF with equal weighting
Coef of determination= .8850855 Ave error=28.4363%
Area = 00.e00 +83.807e02*X^1
Average CF (EPA method 8000) = 8380.6533 with %RSD = 30.68%

Confirmation Only

15 **TOX #5** Ret time= 18.837 min. Search window= 0.060 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 27973
Quantitation will be by peak area.

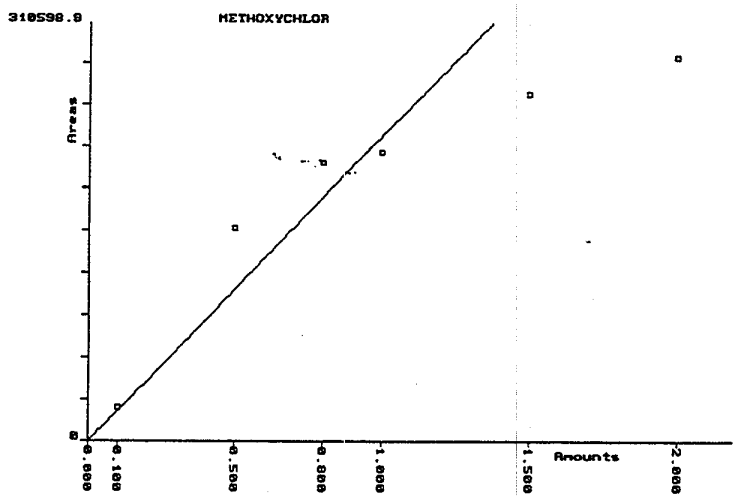


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	4.00000	105111	26277.7E+00	G0919.01A	09-19-1994 11:47
2	3.00000	92859	30953.1E+00	G0919.02A	09-19-1994 11:47
3	0.20000	4541	22704.6E+00	G0919.03A	09-19-1994 11:47
4	2.00000	68787	34393.7E+00	G0919.04A	09-19-1994 11:47
5	1.60000	47628	29767.2E+00	G0919.05A	09-19-1994 11:47
6	1.00000	23739	23739.5E+00	G0919.07A	09-19-1994 11:50

Fit type = Average CF with equal weighting
Coef of determination= .9586096 Ave error=13.6352%
Area = 00.e00 +27.973e03*X^1
Average CF (EPA method 8000) = 27972.6191 with %RSD = 16.137%

Confirmation Only

16 **METHOXYCHLOR** Ret time= 19.866 min. Search window= 0.060 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 225189
Quantitation will be by peak area.

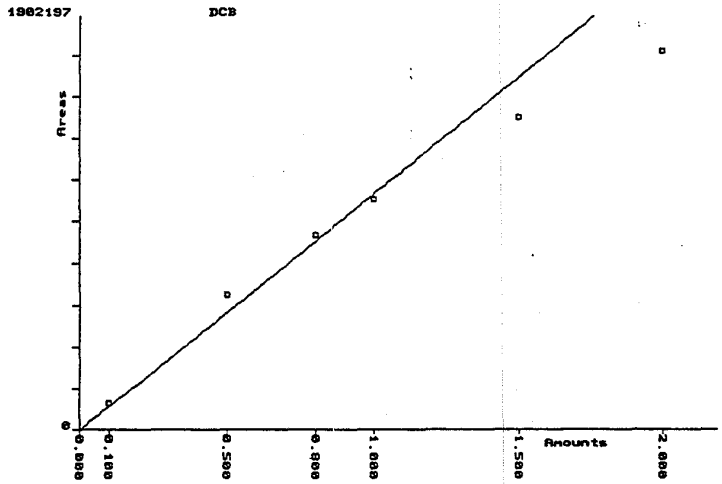


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	284651	14232.5E+01	G0919.01A	09-19-1994 11:47
2	1.50000	257168	17144.5E+01	G0919.02A	09-19-1994 11:47
3	0.10000	25168	25168.0E+01	G0919.03A	09-19-1994 11:47
4	1.00000	213452	21345.2E+01	G0919.04A	09-19-1994 11:47
5	0.80000	205989	25748.7E+01	G0919.05A	09-19-1994 11:47
6	0.50000	157372	31474.4E+01	G0919.07A	09-19-1994 11:50

Fit type = Average CF with equal weighting
Coef of determination= .1347053 Ave error=24.4316%
Area = 00.e00 +22.519e04*X^1
Average CF (EPA method 8000) = 225188.875 with %RSD = 27.844%

Confirmation Only

17 **DCB** Ret time= 24.982 min. Search window= 0.110 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 1076164
Quantitation will be by peak area.

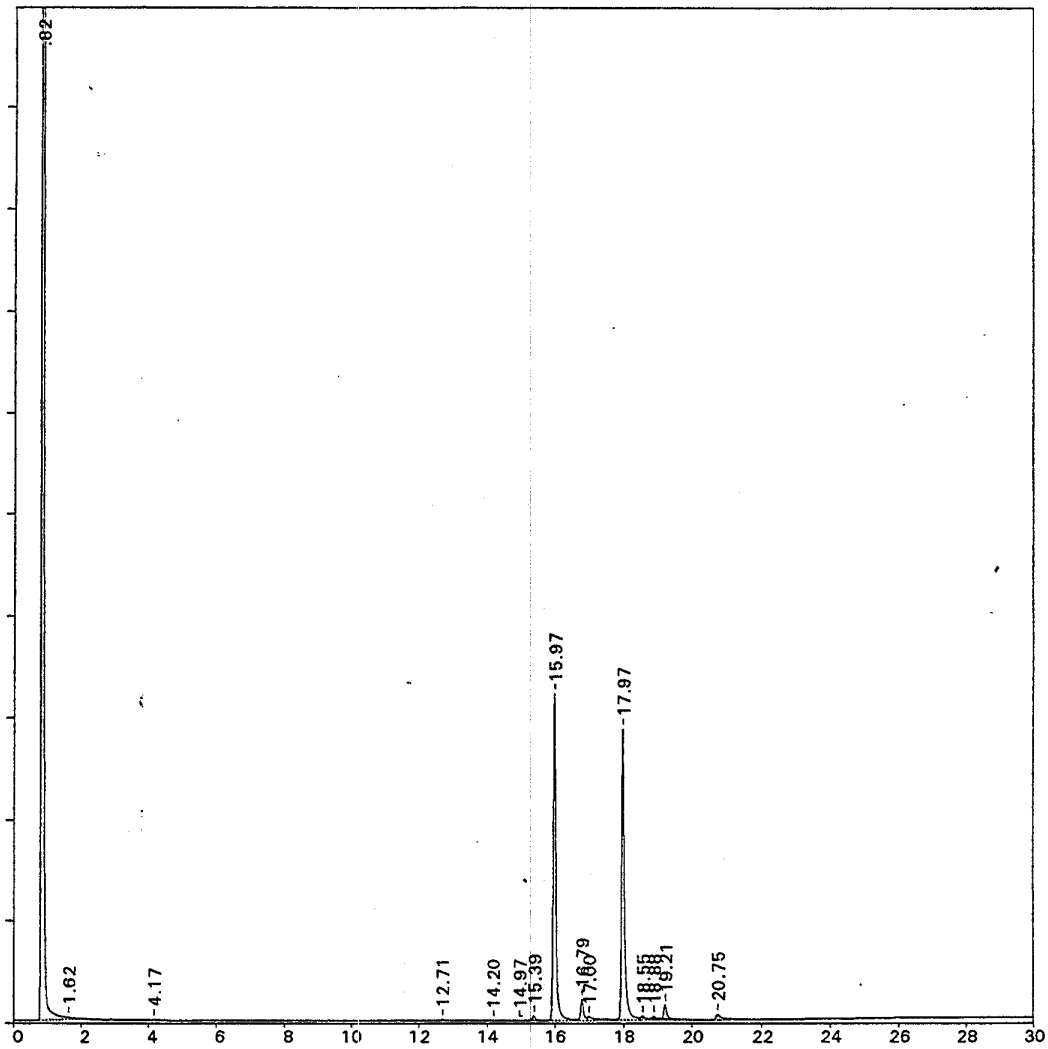


LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	1740495	87024.8E+01	G0919.01A	09-19-1994 11:47
2	1.50000	1432910	95527.3E+01	G0919.02A	09-19-1994 11:47
3	0.10000	123479	12347.9E+02	G0919.03A	09-19-1994 11:47
4	1.00000	1052470	10524.7E+02	G0919.04A	09-19-1994 11:47
5	0.80000	887535	11094.2E+02	G0919.05A	09-19-1994 11:47
6	0.50000	617395	12347.9E+02	G0919.07A	09-19-1994 11:50

Fit type = Average CF with equal weighting
Coef of determination= .8734867 Ave error=11.2097%
Area = 00.e00 +10.762e05*X^1
Average CF (EPA method 8000) = 1076164.5 with %RSD = 13.72%

Confirmation Only

File=H:\CP2\HP7\G0919.00R Date printed=09-19-1994 Time= 07:55:58 PASS
Sample Name=EVAL 1000646 DEGRADATION CHECK
0.0 to 30.0 min. Low Y=-0.781 High Y=199.219 mv Span=200.0



Confirmation Only

50105

RTx5
150C---6/MIN---275C
Data file = H:\CP2\HP7\G0919.00R
Date stamp = 09/19/94 Time = 07:55:54
Sample name = EVAL 1000646 DEGRADATION CHECK
Collected on Sep 19, 1994 07:55:54 from port # 5
Operator = DC
Sequence file = HP70919.SEQ #1
Instrument = HP7--DET 7A
Method name = H:\CP2\HP7\HP78080.MET version # 51
Date method last modified = 09/16/94 Time = 10:05:22
Calibration file = H:\CP2\HP7\~~HP7P74~~.CAL version # 3 HP7TLP21
Date cal file last modified = 09/16/94 Time = 09:33:22
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .02 minutes
Chrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 07:56:05

CLR 9-19-94

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.823		0.0000	0.0000%	4,142,180.5	83.953%	>SB	0.066	1,052,114.75	88.7755%
2	1.623		0.0000	0.0000%	400.3	0.008%	TVB	0.045	147.62	0.0125%
3	4.166		0.0000	0.0000%	723.5	0.015%	BB	0.078	153.84	0.0130%
4	12.709		0.0000	0.0000%	1,294.1	0.026%	BB	0.096	224.23	0.0189%
5	14.197		0.0000	0.0000%	253.8	0.005%	BB	0.095	44.49	0.0038%
6	14.967		0.0000	0.0000%	275.3	0.006%	BB	0.113	40.62	0.0034%
7	15.392	DDE	-0.0531	-10.1688%	4,751.3	0.096%	BB	0.085	935.59	0.0789%
8	15.973	Endrin	0.3491	66.8375%	363,972.3	7.377%	BV	0.094	64,211.81	5.4181%
9	16.788	DDD	-0.0538	-10.3044%	23,906.3	0.485%	VV	0.096	4,131.45	0.3486%
10	16.997	Endrin Aldehyde	-0.0550	-10.5208%	9,051.6	0.183%	VV	0.203	743.36	0.0627%
11	17.970	DDT	0.3807	72.8907%	352,205.0	7.138%	SBB	0.102	57,390.36	4.8425%
12	18.552		0.0000	0.0000%	2,440.5	0.049%	TVB	0.083	487.91	0.0412%
13	18.878		0.0000	0.0000%	2,959.3	0.060%	TBB	0.089	554.12	0.0468%
14	19.212	ENDRIN KETONE	-0.0456	-8.7341%	17,638.7	0.357%	TBB	0.102	2,879.56	0.2430%
15	20.751		0.0000	0.0000%	11,853.9	0.240%	BB	0.183	1,080.60	0.0912%

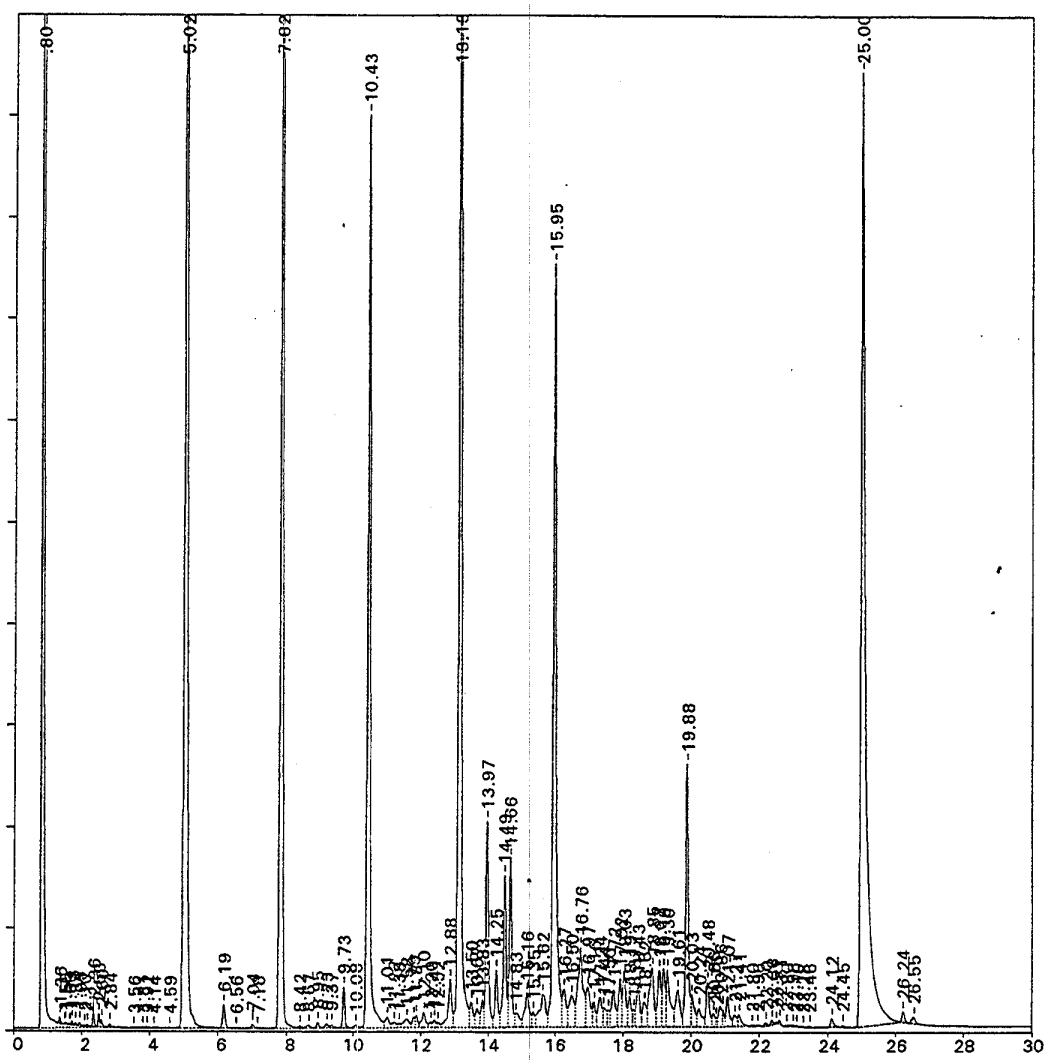
Total area = 4933907 Total amount = .522309 Sample units = ug/mL Total height = 1185140

DDT% = $\frac{4751 + 23906}{28657 + 352205} 100x = 7.5$

CLR 9-19-94

ENDZ = $\frac{17639 + 9052}{26691 + 363972} 100x = 6.8$

rile=H:\CP2\HP7\G0919.01R Date printed=09-19-1994 Time= 08:29:18
Sample Name=2.0 PPM TCLP PEST 1000684 INITIAL CALIBRATION
.0 to 30.0 min. Low Y=-0.773 High Y=199.227 mv Span=200.0



Confirmation Only

50107

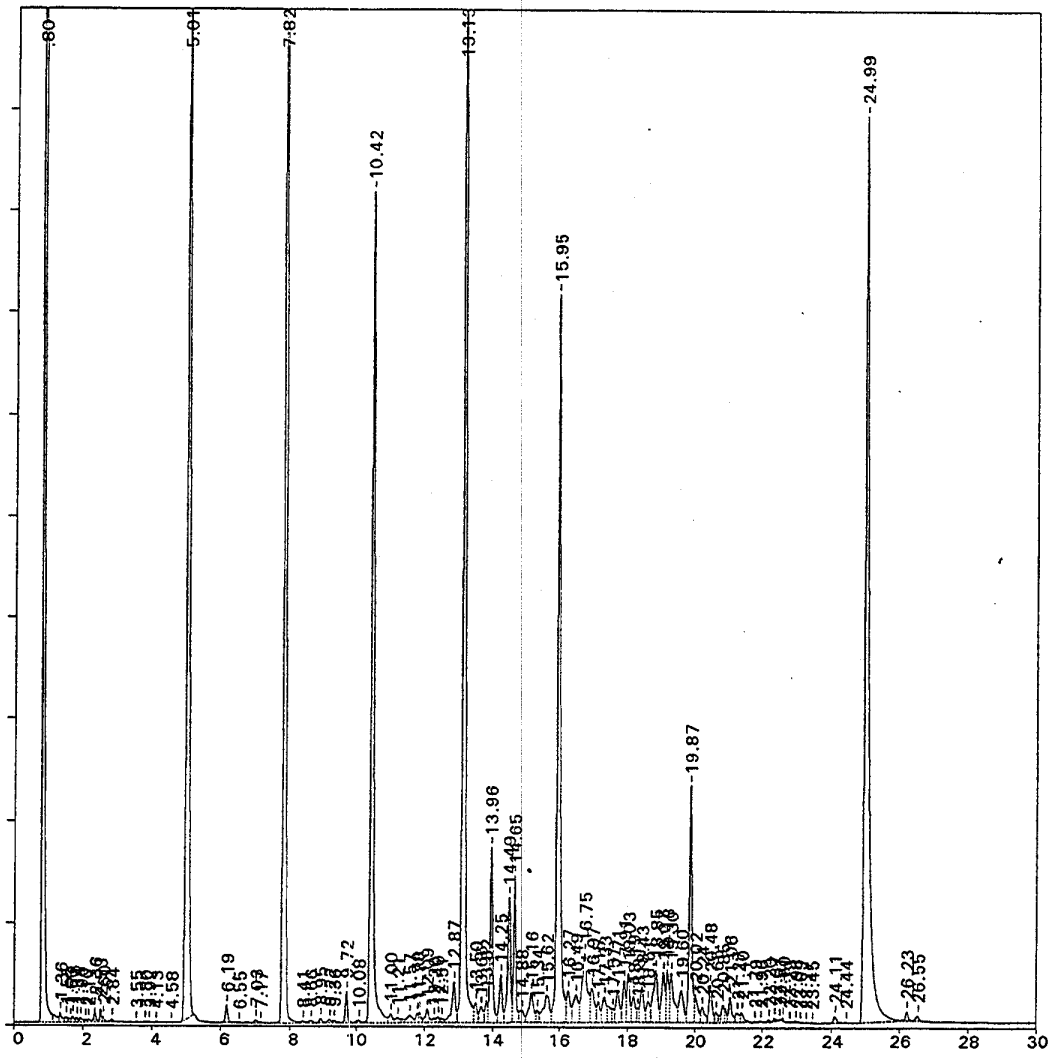
RTx5
.50C---6/MIN---275C
Data file = h:\cp2\hp7\G0919.01R
Date stamp = 09/19/94 Time = 08:29:30
Sample name = 2.0 PPM TCLP PEST 1000684 INITIAL CALIBRATION
Collected on Sep 19, 1994 08:29:14 from port # 5
Operator = DC
Sequence file = HP70919.SEQ #2
Instrument = HP7--DET 7A
Method name = H:\CP2\HP7\HP7UPDT.MET version # 91
Date method last modified = 09/19/94 Time = 13:23:04
Calibration file = H:\CP2\HP7\HP7TLP21.CAL version # 3
Date cal file last modified = 09/19/94 Time = 13:05:18
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .02 minutes
Chrom-Perfect Software Serial # 14694 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 13:29:10

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.804		0.0000	0.0000%	2,857,346.5	20.416%	>SB	0.045	1,049,362.75	36.9339%
2	1.362		0.0000	0.0000%	3,428.7	0.024%	TVB	0.045	1,258.72	0.0443%
3	1.503		0.0000	0.0000%	463.4	0.003%	TBV	0.035	221.11	0.0078%
4	1.550		0.0000	0.0000%	1,300.0	0.009%	TVV	0.044	496.75	0.0175%
5	1.663		0.0000	0.0000%	444.0	0.003%	TVV	0.031	237.12	0.0083%
6	1.726		0.0000	0.0000%	2,355.3	0.017%	TVV	0.043	923.23	0.0325%
7	1.841		0.0000	0.0000%	1,832.3	0.013%	TVB	0.050	605.10	0.0213%
8	1.950		0.0000	0.0000%	2,498.3	0.018%	TBV	0.054	764.01	0.0269%
9	2.097		0.0000	0.0000%	900.6	0.006%	TVV	0.047	319.23	0.0112%
10	2.175		0.0000	0.0000%	1,645.6	0.012%	TVV	0.064	429.21	0.0151%
11	2.364		0.0000	0.0000%	11,163.2	0.080%	TVV	0.055	3,370.03	0.1186%
12	2.527		0.0000	0.0000%	7,308.3	0.052%	TVV	0.048	2,555.32	0.0899%
13	2.605		0.0000	0.0000%	4,954.3	0.035%	TVB	0.060	1,371.29	0.0483%
14	2.844		0.0000	0.0000%	2,653.1	0.019%	BB	0.060	742.19	0.0261%
15	3.557		0.0000	0.0000%	389.4	0.003%	BB	0.052	124.27	0.0044%
16	3.808		0.0000	0.0000%	1,047.0	0.007%	BV	0.066	266.01	0.0094%
17	3.923		0.0000	0.0000%	1,009.0	0.007%	VB	0.070	239.78	0.0084%
18	4.137		0.0000	0.0000%	939.0	0.007%	BB	0.093	168.39	0.0059%
19	4.594		0.0000	0.0000%	778.0	0.006%	BV	0.135	96.40	0.0034%
20	5.017	m-XYLENE	1.6843	4.0346%	1,648,065.9	11.776%	VV	0.098	281,005.31	9.8904%
21	6.194		0.0000	0.0000%	23,380.3	0.167%	VV	0.086	4,527.75	0.1594%
22	6.557		0.0000	0.0000%	695.1	0.005%	VB	0.087	132.83	0.0047%
23	7.036		0.0000	0.0000%	4,231.7	0.030%	BV	0.085	832.26	0.0293%
24	7.178		0.0000	0.0000%	1,115.5	0.008%	VB	0.083	224.49	0.0079%
25	7.825	g-BHC	1.3228	3.1686%	1,394,742.1	9.966%	BV	0.082	282,308.28	9.9363%
26	8.417		0.0000	0.0000%	3,191.1	0.023%	VV	0.118	450.91	0.0159%
27	8.666		0.0000	0.0000%	4,269.7	0.031%	VV	0.131	541.29	0.0191%
28	8.954		0.0000	0.0000%	6,092.1	0.044%	VV	0.091	1,115.13	0.0392%
29	9.226		0.0000	0.0000%	5,302.8	0.038%	VV	0.106	837.35	0.0295%
30	9.367		0.0000	0.0000%	3,794.0	0.027%	VV	0.090	699.33	0.0246%
31	9.725		0.0000	0.0000%	36,328.3	0.260%	VB	0.076	7,988.62	0.2812%
32	10.085		0.0000	0.0000%	3,945.8	0.028%	BV	0.104	630.31	0.0222%
33	10.429	Heptachlor	1.3668	3.2739%	1,001,708.8	7.157%	VV	0.093	179,785.94	6.3278%
34	11.012		0.0000	0.0000%	16,192.6	0.116%	VV	0.134	2,020.74	0.0711%
35	11.217		0.0000	0.0000%	9,593.8	0.069%	VV	0.161	992.55	0.0349%
36	11.375		0.0000	0.0000%	4,431.9	0.032%	VV	0.105	702.75	0.0247%
37	11.580		0.0000	0.0000%	18,703.8	0.134%	VV	0.188	1,661.57	0.0585%

G0919.01R
9m
9-20-94

58	11.792		0.0000	0.0000%	9,524.1	0.068%	VV	0.080	1,983.96	0.0698%
59	11.871		0.0000	0.0000%	12,171.2	0.087%	VV	0.089	2,280.14	0.0803%
0	12.097		0.0000	0.0000%	23,323.4	0.167%	VV	0.134	2,890.59	0.1017%
.1	12.299		0.0000	0.0000%	5,491.0	0.039%	VV	0.100	917.40	0.0323%
2	12.411		0.0000	0.0000%	8,252.9	0.059%	VV	0.106	1,301.38	0.0458%
3	12.516		0.0000	0.0000%	5,534.8	0.040%	VV	0.100	922.25	0.0325%
4	12.881	CHLOR #1	2.0778	4.9772%	69,415.4	0.496%	VV	0.125	9,262.17	0.3260%
5	13.135	Hept. Epox.	1.5163	3.6322%	1,459,912.6	10.431%	VV	0.092	264,086.72	9.2949%
6	13.505	CHLOR #2	2.4628	5.8992%	29,000.2	0.207%	VV	0.104	4,653.48	0.1638%
7	13.671		0.0000	0.0000%	26,051.2	0.186%	VV	0.124	3,489.64	0.1228%
8	13.829		0.0000	0.0000%	30,291.2	0.216%	VV	0.099	5,092.00	0.1792%
9	13.968	CHLOR #3	2.0210	4.8410%	228,602.8	1.633%	VV	0.095	40,281.94	1.4178%
0	14.251		0.0000	0.0000%	62,713.1	0.448%	VV	0.095	10,973.57	0.3862%
1	14.495	CHLOR #4	2.1746	5.2090%	178,747.2	1.277%	VV	0.101	29,636.15	1.0431%
2	14.661	CHLOR #5	1.9823	4.7484%	177,826.3	1.271%	VV	0.090	32,970.00	1.1604%
3	14.827		0.0000	0.0000%	25,000.4	0.179%	VV	0.172	2,424.00	0.0853%
4	15.161		0.0000	0.0000%	59,463.9	0.425%	VV	0.154	6,440.50	0.2267%
5	15.347		0.0000	0.0000%	16,080.9	0.115%	VV	0.099	2,714.31	0.0955%
6	15.624		0.0000	0.0000%	80,235.4	0.573%	VV	0.217	6,168.82	0.2171%
7	15.954	Endrin	1.3769	3.2982%	947,554.3	6.771%	VV	0.105	149,888.22	5.2755%
8	16.269	TOX #1	4.2946	10.2872%	53,520.2	0.382%	VV	0.125	7,157.09	0.2519%
9	16.500		0.0000	0.0000%	65,457.6	0.468%	VV	0.185	5,912.09	0.2081%
0	16.761	TOX #2	3.7171	8.9040%	163,060.0	1.165%	VV	0.178	15,306.30	0.5387%
1	16.971		0.0000	0.0000%	64,849.6	0.463%	VV	0.145	7,464.62	0.2627%
2	17.156		0.0000	0.0000%	27,176.2	0.194%	VV	0.100	4,545.53	0.1600%
3	17.338		0.0000	0.0000%	43,121.3	0.308%	VV	0.131	5,478.78	0.1928%
4	17.441		0.0000	0.0000%	24,015.7	0.172%	VV	0.115	3,486.28	0.1227%
5	17.576		0.0000	0.0000%	14,524.6	0.104%	VV	0.081	2,979.22	0.1049%
6	17.720	TOX #3	4.7236	11.3149%	53,809.9	0.384%	VV	0.128	7,007.00	0.2466%
7	17.915		0.0000	0.0000%	51,296.8	0.367%	VV	0.094	9,135.97	0.3216%
8	18.032		0.0000	0.0000%	66,011.9	0.472%	VV	0.101	10,858.54	0.3822%
9	18.194	TOX #4	4.3870	10.5086%	36,766.0	0.263%	VV	0.109	5,643.48	0.1986%
0	18.309		0.0000	0.0000%	13,959.8	0.100%	VV	0.075	3,104.04	0.1093%
1	18.433		0.0000	0.0000%	54,798.0	0.392%	VV	0.119	7,703.59	0.2711%
2	18.616		0.0000	0.0000%	34,894.4	0.249%	VV	0.131	4,453.80	0.1568%
3	18.851	TOX #5	3.7576	9.0010%	105,110.9	0.751%	VV	0.156	11,251.85	0.3960%
4	19.071		0.0000	0.0000%	73,785.5	0.527%	VV	0.115	10,716.21	0.3772%
5	19.190		0.0000	0.0000%	62,225.3	0.445%	VV	0.095	10,971.05	0.3861%
6	19.304		0.0000	0.0000%	89,075.1	0.636%	VV	0.137	10,861.21	0.3823%
7	19.609		0.0000	0.0000%	65,946.5	0.471%	VV	0.161	6,836.43	0.2406%
8	19.880	METHOXYCHLOR	1.2641	3.0279%	284,650.6	2.034%	VV	0.093	51,016.34	1.7956%
9	20.031		0.0000	0.0000%	39,936.2	0.285%	VV	0.114	5,833.11	0.2053%
0	20.244		0.0000	0.0000%	25,804.3	0.184%	VV	0.138	3,116.26	0.1097%
1	20.484		0.0000	0.0000%	50,848.6	0.363%	VV	0.101	8,368.70	0.2945%
2	20.661		0.0000	0.0000%	11,534.1	0.082%	VV	0.090	2,135.03	0.0751%
3	20.751		0.0000	0.0000%	4,554.1	0.033%	VV	0.058	1,317.55	0.0464%
4	20.859		0.0000	0.0000%	20,657.7	0.148%	VV	0.097	3,565.54	0.1255%
5	21.069		0.0000	0.0000%	32,571.8	0.233%	VV	0.100	5,433.25	0.1912%
6	21.270		0.0000	0.0000%	12,845.4	0.092%	VV	0.123	1,737.68	0.0612%
7	21.411		0.0000	0.0000%	11,140.0	0.080%	VB	0.099	1,868.95	0.0658%
8	21.797		0.0000	0.0000%	1,173.0	0.008%	BB	0.074	263.19	0.0093%
9	21.964		0.0000	0.0000%	854.8	0.006%	BB	0.076	188.31	0.0066%
	22.204		0.0000	0.0000%	3,056.1	0.022%	BB	0.075	676.87	0.0238%
	22.378		0.0000	0.0000%	3,715.0	0.027%	BB	0.074	838.21	0.0295%
	22.514		0.0000	0.0000%	967.2	0.007%	BB	0.049	332.18	0.0117%
	22.612		0.0000	0.0000%	3,242.8	0.023%	BB	0.063	864.29	0.0304%
	22.796		0.0000	0.0000%	806.5	0.006%	BB	0.062	217.23	0.0076%
	22.983		0.0000	0.0000%	2,032.2	0.015%	BB	0.092	367.38	0.0129%
	23.097		0.0000	0.0000%	983.3	0.007%	BB	0.075	217.80	0.0077%
	23.278		0.0000	0.0000%	506.9	0.004%	BB	0.058	145.69	0.0051%

File=H:\CP2\HP7\G0919.02R Date printed=09-19-1994 Time= 09:02:36
Sample Name=1.5 PPM TCLP PEST 1000684 INITIAL CALIBRATION
0.0 to 30.0 min. Low Y=-0.74 High Y=199.26 mv Span=200.0



Confirmation Only

50111

RTx5
150C---6/MIN---275C
Data file = h:\cp2\hp7\G0919.02R
Date stamp = 09/19/94 Time = 09:02:46
Sample name = 1.5 PPM TCLP PEST 1000684 INITIAL CALIBRATION
Collected on Sep 19, 1994 09:02:31 from port # 5
Operator = DC
Sequence file = HP70919.SEQ #3
Instrument = HP7--DET 7A
Method name = H:\CP2\HP7\HP7UPDT.MET version # 91
Date method last modified = 09/19/94 Time = 13:23:04
Calibration file = H:\CP2\HP7\HP7TLP21.CAL version # 3
Date cal file last modified = 09/19/94 Time = 13:05:18
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .02 minutes
Chrom-Perfect Software Serial # 14694 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 13:29:35

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.804		0.0000	0.0000%	2,080,688.9	17.649%	BV	0.047	735,047.63	31.4023%
2	1.363		0.0000	0.0000%	9,992.0	0.085%	VV	0.089	1,868.27	0.0798%
3	1.550		0.0000	0.0000%	6,546.7	0.056%	VV	0.102	1,074.58	0.0459%
4	1.662		0.0000	0.0000%	2,206.4	0.019%	VV	0.047	777.06	0.0332%
5	1.726		0.0000	0.0000%	5,136.3	0.044%	VV	0.068	1,263.19	0.0540%
6	1.842		0.0000	0.0000%	4,218.0	0.036%	VV	0.076	930.36	0.0397%
7	1.950		0.0000	0.0000%	4,655.1	0.039%	VV	0.084	923.37	0.0394%
8	2.097		0.0000	0.0000%	2,118.6	0.018%	VV	0.064	550.63	0.0235%
9	2.172		0.0000	0.0000%	3,087.9	0.026%	VV	0.084	610.13	0.0261%
10	2.363		0.0000	0.0000%	10,680.4	0.091%	VV	0.065	2,745.10	0.1173%
11	2.527		0.0000	0.0000%	7,699.9	0.065%	VV	0.051	2,535.29	0.1083%
12	2.602		0.0000	0.0000%	4,265.3	0.036%	VV	0.062	1,148.78	0.0491%
13	2.841		0.0000	0.0000%	2,081.2	0.018%	VB	0.061	569.76	0.0243%
14	3.552		0.0000	0.0000%	277.6	0.002%	BB	0.051	90.31	0.0039%
15	3.805		0.0000	0.0000%	967.0	0.008%	BV	0.066	243.38	0.0104%
16	3.919		0.0000	0.0000%	904.2	0.008%	VB	0.071	213.60	0.0091%
17	4.132		0.0000	0.0000%	1,066.2	0.009%	BB	0.091	195.74	0.0084%
18	4.584		0.0000	0.0000%	558.6	0.005%	BB	0.129	71.93	0.0031%
19	5.010	m-XYLENE	1.2976	3.5869%	1,269,678.5	10.770%	BB	0.093	227,280.28	9.7097%
20	6.186		0.0000	0.0000%	17,234.2	0.146%	BV	0.082	3,502.07	0.1496%
21	6.548		0.0000	0.0000%	528.5	0.004%	VB	0.088	100.24	0.0043%
22	7.028		0.0000	0.0000%	3,362.0	0.029%	BV	0.085	662.28	0.0283%
23	7.171		0.0000	0.0000%	984.2	0.008%	VB	0.084	195.82	0.0084%
24	7.817	g-BHC	1.2881	3.5606%	1,358,170.9	11.520%	BV	0.084	268,747.56	11.4813%
25	8.411		0.0000	0.0000%	2,688.1	0.023%	VV	0.120	372.94	0.0159%
26	8.656		0.0000	0.0000%	4,059.8	0.034%	VV	0.138	491.55	0.0210%
27	8.947		0.0000	0.0000%	5,314.9	0.045%	VV	0.093	951.16	0.0406%
28	9.218		0.0000	0.0000%	4,564.5	0.039%	VV	0.105	724.43	0.0309%
29	9.359		0.0000	0.0000%	3,262.2	0.028%	VV	0.092	593.61	0.0254%
30	9.718		0.0000	0.0000%	28,027.7	0.238%	VB	0.075	6,201.82	0.2650%
31	10.077		0.0000	0.0000%	3,512.4	0.030%	BV	0.104	562.87	0.0240%
32	10.423	Heptachlor	1.2536	3.4653%	918,794.9	7.793%	VV	0.094	163,473.11	6.9838%
33	11.004		0.0000	0.0000%	14,638.8	0.124%	VV	0.136	1,793.59	0.0766%
34	11.211		0.0000	0.0000%	9,197.5	0.078%	VV	0.166	920.72	0.0393%
35	11.571		0.0000	0.0000%	16,969.3	0.144%	VV	0.193	1,462.75	0.0625%
36	11.786		0.0000	0.0000%	8,665.0	0.073%	VV	0.081	1,791.79	0.0765%
37	11.864		0.0000	0.0000%	11,003.3	0.093%	VV	0.089	2,056.21	0.0878%

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58	12.089		0.0000	0.0000%	20,923.7	0.177%	VV	0.133	2,622.17	0.1120%
59	12.296		0.0000	0.0000%	5,079.7	0.043%	VV	0.103	824.23	0.0352%
0	12.404		0.0000	0.0000%	7,171.0	0.061%	VV	0.104	1,144.15	0.0489%
1	12.508		0.0000	0.0000%	4,954.2	0.042%	VV	0.101	821.01	0.0351%
2	12.874	CHLOR #1	1.7918	4.9530%	59,860.3	0.508%	VV	0.125	7,979.20	0.3409%
3	13.127	Hept. Epox.	1.3471	3.7237%	1,296,985.8	11.001%	VV	0.091	238,166.28	10.1748%
4	13.498	CHLOR #2	2.0282	5.6065%	23,883.6	0.203%	VV	0.103	3,853.82	0.1646%
5	13.664		0.0000	0.0000%	22,664.1	0.192%	VV	0.126	2,991.72	0.1278%
6	13.822		0.0000	0.0000%	24,908.6	0.211%	VV	0.098	4,233.37	0.1809%
7	13.961	CHLOR #3	1.6749	4.6299%	189,458.4	1.607%	VV	0.092	34,264.45	1.4638%
8	14.245		0.0000	0.0000%	53,161.6	0.451%	VV	0.095	9,326.43	0.3984%
9	14.488	CHLOR #4	1.7707	4.8947%	145,550.6	1.235%	VV	0.099	24,483.64	1.0460%
0	14.654	CHLOR #5	1.6753	4.6309%	150,284.6	1.275%	VV	0.087	28,757.42	1.2286%
1	14.880		0.0000	0.0000%	23,543.9	0.200%	VV	0.177	2,220.96	0.0949%
2	15.157		0.0000	0.0000%	53,096.1	0.450%	VV	0.153	5,795.17	0.2476%
3	15.340		0.0000	0.0000%	13,626.7	0.116%	VV	0.097	2,336.48	0.0998%
4	15.619		0.0000	0.0000%	69,211.4	0.587%	VV	0.217	5,320.78	0.2273%
5	15.948	Endrin	1.2836	3.5481%	883,327.9	7.492%	VV	0.103	142,756.73	6.0988%
6	16.265	TOX #1	3.6376	10.0551%	45,332.4	0.385%	VV	0.124	6,105.86	0.2609%
7	16.493		0.0000	0.0000%	56,927.1	0.483%	VV	0.179	5,293.78	0.2262%
8	16.754	TOX #2	3.2041	8.8568%	140,553.5	1.192%	VV	0.176	13,337.32	0.5698%
9	16.966		0.0000	0.0000%	57,487.2	0.488%	VV	0.145	6,588.10	0.2815%
0	17.149		0.0000	0.0000%	24,176.5	0.205%	VV	0.102	3,945.98	0.1686%
1	17.331		0.0000	0.0000%	38,179.5	0.324%	VV	0.131	4,858.52	0.2076%
2	17.571		0.0000	0.0000%	11,977.8	0.102%	VV	0.079	2,519.61	0.1076%
3	17.715	TOX #3	4.1641	11.5104%	47,435.7	0.402%	VV	0.128	6,190.06	0.2644%
4	17.910		0.0000	0.0000%	45,246.1	0.384%	VV	0.093	8,086.26	0.3455%
5	18.028		0.0000	0.0000%	57,982.3	0.492%	VV	0.102	9,438.53	0.4032%
6	18.189	TOX #4	3.9667	10.9647%	33,243.3	0.282%	VV	0.112	4,944.47	0.2112%
7	18.305		0.0000	0.0000%	10,838.4	0.092%	VV	0.070	2,578.11	0.1101%
8	18.427		0.0000	0.0000%	48,456.6	0.411%	VV	0.118	6,861.22	0.2931%
9	18.608		0.0000	0.0000%	30,416.8	0.258%	VV	0.130	3,895.88	0.1664%
0	18.846	TOX #5	3.3196	9.1762%	92,859.2	0.788%	VV	0.155	10,010.67	0.4277%
1	19.066		0.0000	0.0000%	65,035.1	0.552%	VV	0.114	9,523.49	0.4069%
2	19.184		0.0000	0.0000%	56,484.0	0.479%	VV	0.094	10,062.21	0.4299%
3	19.298		0.0000	0.0000%	79,754.3	0.676%	VV	0.139	9,575.42	0.4091%
4	19.603		0.0000	0.0000%	56,878.4	0.482%	VV	0.158	6,017.17	0.2571%
5	19.874	METHOXYCHLOR	1.1420	3.1568%	257,168.2	2.181%	VV	0.093	45,961.08	1.9635%
6	20.022		0.0000	0.0000%	36,869.2	0.313%	VV	0.117	5,259.67	0.2247%
7	20.238		0.0000	0.0000%	22,560.7	0.191%	VV	0.140	2,688.57	0.1149%
8	20.476		0.0000	0.0000%	43,466.7	0.369%	VV	0.102	7,095.05	0.3031%
9	20.654		0.0000	0.0000%	9,857.5	0.084%	VV	0.091	1,807.60	0.0772%
0	20.853		0.0000	0.0000%	17,694.5	0.150%	VV	0.096	3,087.67	0.1319%
1	21.064		0.0000	0.0000%	27,972.4	0.237%	VV	0.099	4,717.27	0.2015%
2	21.266		0.0000	0.0000%	11,583.1	0.098%	VV	0.122	1,578.88	0.0675%
3	21.404		0.0000	0.0000%	9,840.7	0.083%	VB	0.099	1,655.57	0.0707%
4	21.790		0.0000	0.0000%	911.4	0.008%	BB	0.073	209.44	0.0089%
5	21.959		0.0000	0.0000%	704.4	0.006%	BB	0.075	156.36	0.0067%
6	22.196		0.0000	0.0000%	2,468.2	0.021%	BB	0.076	541.41	0.0231%
7	22.371		0.0000	0.0000%	3,137.3	0.027%	BB	0.074	706.70	0.0302%
8	22.507		0.0000	0.0000%	764.6	0.006%	BB	0.050	256.39	0.0110%
9	22.605		0.0000	0.0000%	2,533.5	0.021%	BB	0.063	673.86	0.0288%
0	22.789		0.0000	0.0000%	604.6	0.005%	BB	0.062	161.71	0.0069%
1	22.976		0.0000	0.0000%	1,652.6	0.014%	BB	0.091	303.30	0.0130%
2	23.089		0.0000	0.0000%	786.9	0.007%	BB	0.072	181.81	0.0078%
3	23.270		0.0000	0.0000%	386.9	0.003%	BB	0.057	113.58	0.0049%
4	23.454		0.0000	0.0000%	1,173.4	0.010%	BB	0.082	238.83	0.0102%
5	24.115		0.0000	0.0000%	10,490.6	0.089%	BB	0.124	1,412.15	0.0603%
5	24.439		0.0000	0.0000%	1,255.8	0.011%	BB	0.073	285.37	0.0122%
7	24.990	DCB	1.3315	3.6805%	1,432,910.1	12.154%	BB	0.134	178,334.19	7.6187%

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98	26.230		0.0000	0.0000%	9,634.7	0.082%	BB	0.090	1,779.84	0.0760%
99	26.546		0.0000	0.0000%	8,330.4	0.071%	BB	0.130	1,065.42	0.0455%

otal area = 1.178952E+07 Total amount = 36.17664 Sample units = ug/mL Total height = 2340746

50114

File=H:\CP2\HP7\G0919.03R Date printed=09-19-1994 Time= 09:35:56
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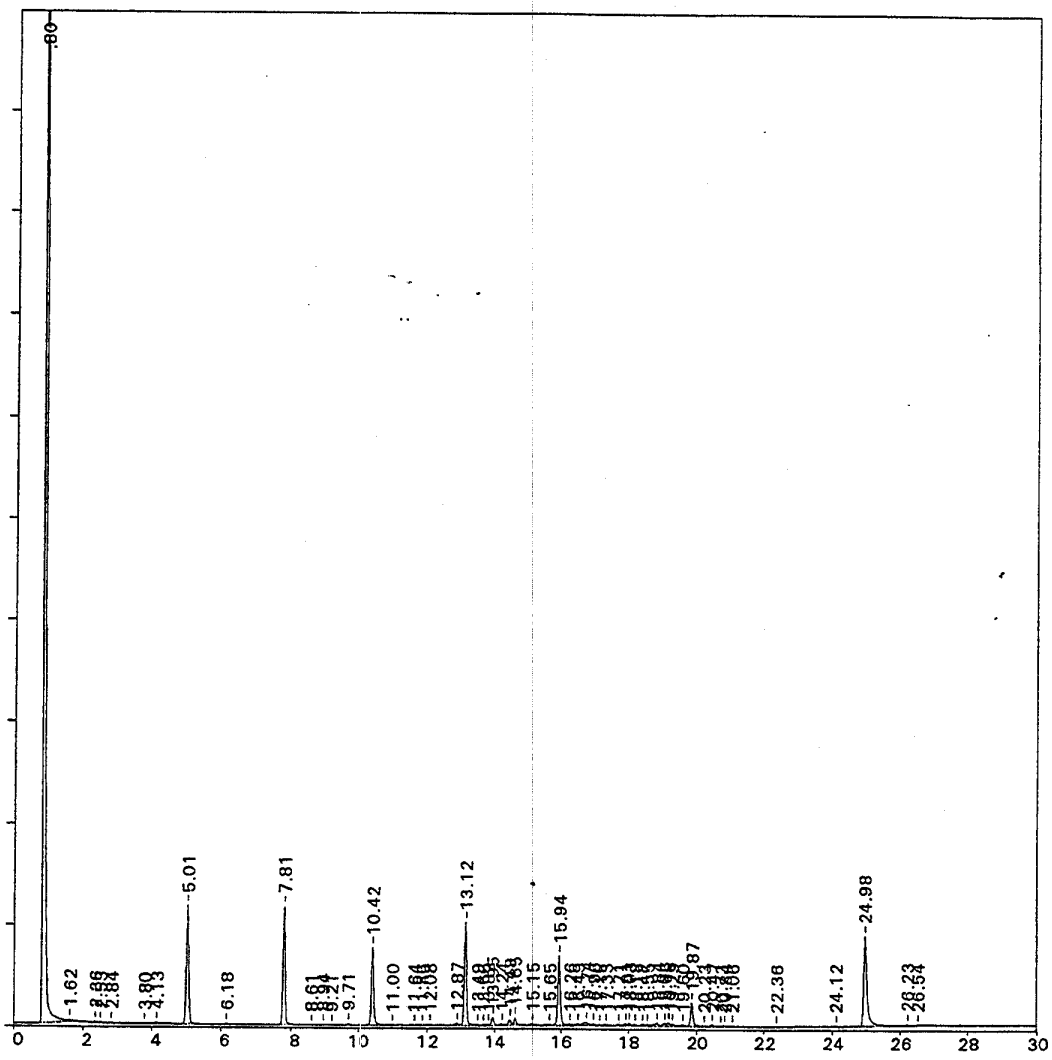
.0 to 30.0 min. Low Y=-0.77 High Y=199.23 mv Span=200.0



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50115

RTx5
150C---6/MIN---275C
Data file = h:\cp2\hp7\G0919.03R
Date stamp = 09/19/94 Time = 09:36:06
Sample name = .10 PPM TCLP PEST 1000684 INITIAL CALIBRATION
Collected on Sep 19, 1994 09:35:52 from port # 5
Operator = DC
Sequence file = HP70919.SEQ #4
Instrument = HP7--DET 7A
Method name = H:\CP2\HP7\HP7UPDT.MET version # 91
Date method last modified = 09/19/94 Time = 13:23:04
Calibration file = H:\CP2\HP7\HP7TLP21.CAL version # 3
Date cal file last modified = 09/19/94 Time = 13:05:18
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .02 minutes
Chrom-Perfect Software Serial # 14694 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 13:29:55

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.805		0.0000	0.0000%	1,641,680.8	69.701%	BV	0.050	551,760.75	80.3681%
2	1.616		0.0000	0.0000%	991.2	0.042%	VB	0.055	302.94	0.0441%
3	2.361		0.0000	0.0000%	514.7	0.022%	BB	0.050	171.18	0.0249%
4	2.526		0.0000	0.0000%	377.6	0.016%	BB	0.042	150.76	0.0220%
5	2.842		0.0000	0.0000%	760.0	0.032%	BB	0.062	204.65	0.0298%
6	3.798		0.0000	0.0000%	263.5	0.011%	BB	0.070	62.75	0.0091%
7	4.130		0.0000	0.0000%	1,341.8	0.057%	BB	0.084	266.14	0.0388%
8	5.008	m-XYLENE	0.1230	6.7142%	120,302.4	5.108%	BB	0.085	23,600.41	3.4376%
9	6.179		0.0000	0.0000%	1,024.9	0.044%	BB	0.082	209.38	0.0305%
10	7.815	g-BHC	0.1002	5.4711%	105,637.1	4.485%	BB	0.075	23,506.50	3.4239%
11	8.613		0.0000	0.0000%	409.0	0.017%	BB	0.111	61.59	0.0090%
12	8.940		0.0000	0.0000%	367.5	0.016%	BB	0.082	74.35	0.0108%
13	9.212		0.0000	0.0000%	295.5	0.013%	BB	0.091	53.99	0.0079%
14	9.711		0.0000	0.0000%	1,550.8	0.066%	BB	0.079	327.02	0.0476%
15	10.417	Heptachlor	0.1067	5.8254%	78,183.1	3.319%	BV	0.084	15,472.60	2.2537%
16	11.003		0.0000	0.0000%	621.8	0.026%	VB	0.100	103.83	0.0151%
17	11.639		0.0000	0.0000%	888.2	0.038%	BV	0.156	94.76	0.0138%
18	11.857		0.0000	0.0000%	1,067.0	0.045%	VV	0.148	120.14	0.0175%
19	12.084		0.0000	0.0000%	962.0	0.041%	VB	0.106	151.78	0.0221%
20	12.868	CHLOR #1	0.0842	4.6006%	2,814.4	0.119%	BV	0.117	400.73	0.0584%
21	13.122	Hept. Epox.	0.1014	5.5366%	97,614.6	4.144%	VV	0.080	20,450.34	2.9787%
22	13.492	CHLOR #2	0.0656	3.5840%	772.8	0.033%	VV	0.090	143.49	0.0209%
23	13.661		0.0000	0.0000%	771.8	0.033%	VV	0.100	128.42	0.0187%
24	13.816		0.0000	0.0000%	888.0	0.038%	VV	0.090	165.28	0.0241%
25	13.954	CHLOR #3	0.0674	3.6827%	7,628.2	0.324%	VB	0.083	1,528.07	0.2226%
26	14.239		0.0000	0.0000%	1,623.4	0.069%	BV	0.077	351.29	0.0512%
27	14.480	CHLOR #4	0.0669	3.6539%	5,499.9	0.234%	VV	0.088	1,042.25	0.1518%
28	14.647	CHLOR #5	0.0731	3.9894%	6,553.4	0.278%	VB	0.076	1,430.11	0.2083%
29	15.149		0.0000	0.0000%	2,240.8	0.095%	BV	0.129	289.45	0.0422%
30	15.652		0.0000	0.0000%	1,794.9	0.076%	VV	0.138	216.67	0.0316%
31	15.942	Endrin	0.1030	5.6242%	70,874.9	3.009%	VV	0.086	13,771.57	2.0059%
32	16.260	TOX #1	0.1505	8.2174%	1,875.3	0.080%	VV	0.108	289.90	0.0422%
33	16.491		0.0000	0.0000%	2,462.9	0.105%	VV	0.155	265.06	0.0386%
34	16.744	TOX #2	0.1575	8.6029%	6,910.7	0.293%	VV	0.171	673.54	0.0981%
35	16.961		0.0000	0.0000%	2,463.9	0.105%	VV	0.122	335.75	0.0489%
36	17.146		0.0000	0.0000%	693.5	0.029%	VB	0.072	159.84	0.0233%
37	17.325		0.0000	0.0000%	1,094.9	0.046%	BB	0.087	209.74	0.0306%

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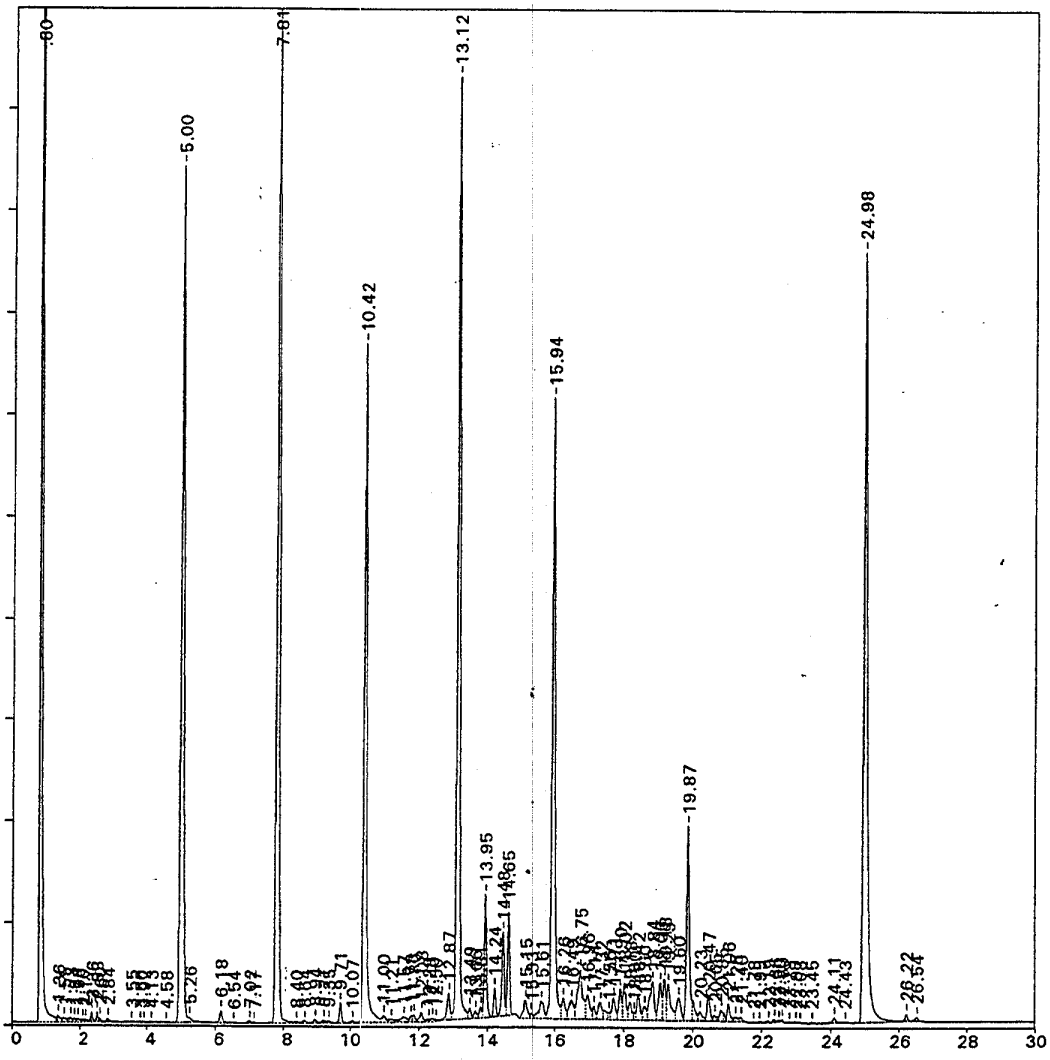
38	17.708	TOX #3	0.1061	5.7941%	1,208.7	0.051%	BV	0.088	228.79	0.0333%
39	17.906		0.0000	0.0000%	1,834.0	0.078%	VV	0.079	388.20	0.0565%
40	18.025		0.0000	0.0000%	2,673.3	0.113%	VV	0.088	503.99	0.0734%
41	18.184	TOX #4	0.1368	7.4695%	1,146.3	0.049%	VV	0.087	219.84	0.0320%
42	18.422		0.0000	0.0000%	1,861.0	0.079%	VV	0.097	320.20	0.0466%
43	18.552		0.0000	0.0000%	2,066.3	0.088%	VV	0.151	228.21	0.0332%
44	18.842	TOX #5	0.1623	8.8649%	4,540.9	0.193%	VV	0.143	527.66	0.0769%
45	19.061		0.0000	0.0000%	3,362.5	0.143%	VV	0.098	569.98	0.0830%
46	19.180		0.0000	0.0000%	3,865.4	0.164%	VV	0.093	693.63	0.1010%
47	19.294		0.0000	0.0000%	2,810.1	0.119%	VV	0.103	453.31	0.0660%
48	19.597		0.0000	0.0000%	2,106.1	0.089%	VB	0.140	250.22	0.0364%
49	19.872	METHOXYCHLOR	0.1118	6.1033%	25,168.0	1.069%	BV	0.092	4,579.07	0.6670%
50	20.232		0.0000	0.0000%	690.4	0.029%	VB	0.107	107.81	0.0157%
51	20.472		0.0000	0.0000%	2,087.8	0.089%	BV	0.089	390.36	0.0569%
52	20.732		0.0000	0.0000%	899.5	0.038%	VV	0.134	112.28	0.0164%
53	20.842		0.0000	0.0000%	771.0	0.033%	VV	0.088	145.86	0.0212%
54	21.063		0.0000	0.0000%	775.6	0.033%	VB	0.079	163.85	0.0239%
55	22.363		0.0000	0.0000%	255.7	0.011%	BB	0.074	57.36	0.0084%
56	24.115		0.0000	0.0000%	585.9	0.025%	BB	0.093	105.33	0.0153%
57	24.984	DCB	0.1147	6.2658%	123,478.7	5.243%	BB	0.116	17,719.02	2.5809%
58	26.225		0.0000	0.0000%	771.9	0.033%	BB	0.086	149.34	0.0218%
59	26.542		0.0000	0.0000%	532.7	0.023%	BB	0.110	80.66	0.0117%

otal area = 2355310 Total amount = 1.831207 Sample units = ug/mL Total height = 686541.9

File=H:\CP2\HP7\G0919.04R Date printed=09-19-1994 Time= 10:09:17
Sample Name=1.0 PPM TCLP PEST 1000684 INITIAL CALIBRATION
.0 to 30.0 min. Low Y=-0.783 High Y=199.217 mv Span=200.0



Confirmation Only

50118

RTx5
150C---6/MIN---275C
Data file = h:\cp2\hp7\G0919.04R
Date stamp = 09/19/94 Time = 10:09:28
Sample name = 1.0 PPM TCLP PEST 1000684 INITIAL CALIBRATION
Collected on Sep 19, 1994 10:09:12 from port # 5
Operator = DC
Sequence file = HP70919.SEQ #5
Instrument = HP7--DET 7A
Method name = H:\CP2\HP7\HP7UPDT.MET version # 91
Date method last modified = 09/19/94 Time = 13:23:04
Calibration file = H:\CP2\HP7\HP7TLP21.CAL version # 3
Date cal file last modified = 09/19/94 Time = 13:05:18
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .02 minutes
Chrom-Perfect Software Serial # 14694 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 13:30:16

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.805		0.0000	0.0000%	1,395,793.4	16.203%	BV	0.051	458,630.47	26.8850%
2	1.363		0.0000	0.0000%	7,787.8	0.090%	VV	0.088	1,467.45	0.0860%
3	1.550		0.0000	0.0000%	6,925.0	0.080%	VV	0.134	863.30	0.0506%
4	1.726		0.0000	0.0000%	4,101.3	0.048%	VV	0.071	956.71	0.0561%
5	1.843		0.0000	0.0000%	3,395.0	0.039%	VV	0.079	718.73	0.0421%
6	1.949		0.0000	0.0000%	3,545.0	0.041%	VV	0.087	681.65	0.0400%
7	2.096		0.0000	0.0000%	1,913.6	0.022%	VV	0.073	439.23	0.0257%
8	2.172		0.0000	0.0000%	2,386.1	0.028%	VV	0.085	469.55	0.0275%
9	2.361		0.0000	0.0000%	7,620.3	0.088%	VV	0.066	1,919.27	0.1125%
10	2.526		0.0000	0.0000%	6,124.7	0.071%	VV	0.052	1,963.70	0.1151%
11	2.600		0.0000	0.0000%	3,061.4	0.036%	VV	0.061	835.60	0.0490%
12	2.840		0.0000	0.0000%	2,400.4	0.028%	VB	0.060	665.63	0.0390%
13	3.550		0.0000	0.0000%	327.3	0.004%	BV	0.062	87.43	0.0051%
14	3.802		0.0000	0.0000%	614.5	0.007%	VV	0.064	159.94	0.0094%
15	3.916		0.0000	0.0000%	657.3	0.008%	VB	0.069	158.34	0.0093%
16	4.128		0.0000	0.0000%	818.4	0.009%	BB	0.093	146.45	0.0086%
17	4.580		0.0000	0.0000%	455.0	0.005%	BB	0.138	54.79	0.0032%
18	5.004	m-XYLENE	0.9626	3.9226%	941,867.5	10.934%	SBB	0.093	168,487.50	9.8768%
19	5.260		0.0000	0.0000%	1,061.6	0.012%	TVB	0.063	281.08	0.0165%
20	6.179		0.0000	0.0000%	11,669.8	0.135%	BV	0.082	2,381.59	0.1396%
21	6.542		0.0000	0.0000%	385.7	0.004%	VB	0.087	73.82	0.0043%
22	7.022		0.0000	0.0000%	2,422.8	0.028%	BV	0.085	472.86	0.0277%
23	7.166		0.0000	0.0000%	809.2	0.009%	VB	0.087	154.74	0.0091%
24	7.811	g-BHC	1.0560	4.3034%	1,113,465.9	12.926%	BV	0.085	217,196.84	12.7321%
25	8.404		0.0000	0.0000%	2,023.3	0.023%	VV	0.120	281.87	0.0165%
26	8.642		0.0000	0.0000%	3,439.5	0.040%	VV	0.139	412.06	0.0242%
27	8.940		0.0000	0.0000%	3,980.2	0.046%	VV	0.092	719.11	0.0422%
28	9.212		0.0000	0.0000%	3,410.0	0.040%	VV	0.103	552.73	0.0324%
29	9.352		0.0000	0.0000%	2,362.3	0.027%	VV	0.091	432.26	0.0253%
30	9.710		0.0000	0.0000%	18,402.3	0.214%	VB	0.077	3,977.06	0.2331%
31	10.070		0.0000	0.0000%	2,211.5	0.026%	BV	0.096	384.90	0.0226%
32	10.415	Heptachlor	1.0214	4.1621%	748,556.6	8.690%	VV	0.093	133,494.78	7.8255%
33	10.998		0.0000	0.0000%	9,844.4	0.114%	VV	0.131	1,255.22	0.0736%
34	11.208		0.0000	0.0000%	5,520.8	0.064%	VV	0.159	577.80	0.0339%
35	11.566		0.0000	0.0000%	10,574.6	0.123%	VV	0.195	904.27	0.0530%
36	11.778		0.0000	0.0000%	5,439.3	0.063%	VV	0.078	1,166.44	0.0684%
37	11.857		0.0000	0.0000%	6,659.5	0.077%	VV	0.083	1,334.02	0.0782%

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38	12.083		0.0000	0.0000%	11,297.8	0.131%	VV	0.110	1,714.59	0.1005%
39	12.286		0.0000	0.0000%	1,689.1	0.020%	VV	0.088	320.20	0.0188%
40	12.396		0.0000	0.0000%	3,063.8	0.036%	VV	0.091	560.83	0.0329%
41	12.502		0.0000	0.0000%	1,406.8	0.016%	VB	0.076	309.87	0.0182%
42	12.866	CHLOR #1	0.9900	4.0344%	33,074.5	0.384%	BV	0.106	5,217.04	0.3058%
43	13.119	Hept. Epox.	1.0271	4.1856%	988,906.7	11.480%	VV	0.089	185,369.34	10.8664%
44	13.492	CHLOR #2	0.9192	3.7460%	10,824.6	0.126%	VV	0.089	2,021.48	0.1185%
45	13.659		0.0000	0.0000%	9,079.6	0.105%	VV	0.106	1,432.22	0.0840%
46	13.813		0.0000	0.0000%	11,059.3	0.128%	VV	0.088	2,100.02	0.1231%
47	13.953	CHLOR #3	1.0610	4.3237%	120,016.6	1.393%	VB	0.083	24,105.73	1.4131%
48	14.238		0.0000	0.0000%	24,566.0	0.285%	BV	0.074	5,549.38	0.3253%
49	14.480	CHLOR #4	1.0289	4.1929%	84,575.4	0.982%	VV	0.087	16,274.66	0.9540%
50	14.646	CHLOR #5	1.0394	4.2355%	93,238.6	1.082%	VB	0.077	20,054.65	1.1756%
51	15.149		0.0000	0.0000%	27,940.7	0.324%	BV	0.128	3,632.17	0.2129%
52	15.330		0.0000	0.0000%	5,090.0	0.059%	VV	0.083	1,021.60	0.0599%
53	15.610		0.0000	0.0000%	36,895.1	0.428%	VV	0.184	3,340.75	0.1958%
54	15.941	Endrin	1.0364	4.2233%	713,201.9	8.279%	VV	0.097	122,081.48	7.1564%
55	16.259	TOX #1	2.2396	9.1263%	27,910.0	0.324%	VV	0.117	3,988.28	0.2338%
56	16.487		0.0000	0.0000%	36,267.5	0.421%	VV	0.167	3,622.66	0.2124%
57	16.745	TOX #2	2.2666	9.2366%	99,430.6	1.154%	VV	0.170	9,731.99	0.5705%
58	16.958		0.0000	0.0000%	39,543.2	0.459%	VV	0.140	4,719.54	0.2767%
59	17.144		0.0000	0.0000%	14,868.8	0.173%	VV	0.095	2,598.60	0.1523%
60	17.324		0.0000	0.0000%	24,916.0	0.289%	VV	0.123	3,372.52	0.1977%
61	17.562		0.0000	0.0000%	6,305.7	0.073%	VV	0.072	1,463.10	0.0858%
62	17.709	TOX #3	2.7786	11.3228%	31,652.7	0.367%	VV	0.123	4,286.13	0.2513%
63	17.905		0.0000	0.0000%	32,364.0	0.376%	VV	0.090	6,019.35	0.3529%
64	18.023		0.0000	0.0000%	42,189.9	0.490%	VV	0.097	7,237.98	0.4243%
65	18.184	TOX #4	2.7278	11.1159%	22,860.8	0.265%	VV	0.109	3,509.66	0.2057%
66	18.297		0.0000	0.0000%	6,169.7	0.072%	VV	0.066	1,558.82	0.0914%
67	18.421		0.0000	0.0000%	34,044.3	0.395%	VV	0.113	5,042.18	0.2956%
68	18.600		0.0000	0.0000%	20,270.7	0.235%	VV	0.126	2,684.98	0.1574%
69	18.841	TOX #5	2.4591	10.0209%	68,787.4	0.799%	VV	0.151	7,595.46	0.4452%
70	19.059		0.0000	0.0000%	48,156.9	0.559%	VV	0.110	7,293.92	0.4276%
71	19.178		0.0000	0.0000%	45,163.5	0.524%	VV	0.093	8,111.39	0.4755%
72	19.293		0.0000	0.0000%	56,464.6	0.655%	VV	0.131	7,179.06	0.4208%
73	19.597		0.0000	0.0000%	40,873.3	0.474%	VV	0.154	4,435.09	0.2600%
74	19.867	METHOXYCHLOR	0.9479	3.8626%	213,451.7	2.478%	VV	0.094	37,994.18	2.2272%
75	20.230		0.0000	0.0000%	15,456.0	0.179%	VV	0.134	1,917.42	0.1124%
76	20.471		0.0000	0.0000%	31,520.1	0.366%	VV	0.100	5,268.56	0.3088%
77	20.650		0.0000	0.0000%	7,016.6	0.081%	VV	0.091	1,282.12	0.0752%
78	20.846		0.0000	0.0000%	13,234.8	0.154%	VV	0.098	2,246.83	0.1317%
79	21.058		0.0000	0.0000%	20,087.6	0.233%	VV	0.097	3,437.47	0.2015%
80	21.254		0.0000	0.0000%	7,033.6	0.082%	VV	0.124	944.36	0.0554%
81	21.402		0.0000	0.0000%	6,007.2	0.070%	VB	0.101	994.18	0.0583%
82	21.782		0.0000	0.0000%	643.9	0.007%	BB	0.073	147.70	0.0087%
83	21.950		0.0000	0.0000%	511.9	0.006%	BB	0.073	116.91	0.0069%
84	22.192		0.0000	0.0000%	1,726.6	0.020%	BB	0.076	377.74	0.0221%
85	22.364		0.0000	0.0000%	2,476.4	0.029%	BB	0.075	547.28	0.0321%
86	22.500		0.0000	0.0000%	576.4	0.007%	BB	0.049	195.83	0.0115%
87	22.598		0.0000	0.0000%	1,770.5	0.021%	BB	0.063	470.67	0.0276%
88	22.782		0.0000	0.0000%	397.8	0.005%	BB	0.062	107.60	0.0063%
89	22.968		0.0000	0.0000%	1,197.7	0.014%	BB	0.091	220.29	0.0129%
90	23.083		0.0000	0.0000%	559.5	0.006%	BB	0.072	128.72	0.0075%
91	23.448		0.0000	0.0000%	819.9	0.010%	BB	0.083	165.46	0.0097%
92	24.109		0.0000	0.0000%	6,641.0	0.077%	BB	0.107	1,031.97	0.0605%
93	24.433		0.0000	0.0000%	839.8	0.010%	BB	0.073	192.43	0.0113%
94	24.984	DCB	0.9780	3.9853%	1,052,470.3	12.218%	BB	0.116	151,584.20	8.8859%
95	26.224		0.0000	0.0000%	7,355.3	0.085%	BB	0.089	1,383.97	0.0811%
96	26.539		0.0000	0.0000%	6,426.4	0.075%	BB	0.130	823.07	0.0482%

tal area = 8614420 Total amount = 24.53963 Sample units = ug/mL Total height = 1705895

50120

File=H:\CP2\HP7\G0919.05R Date printed=09-19-1994 Time= 10:42:39
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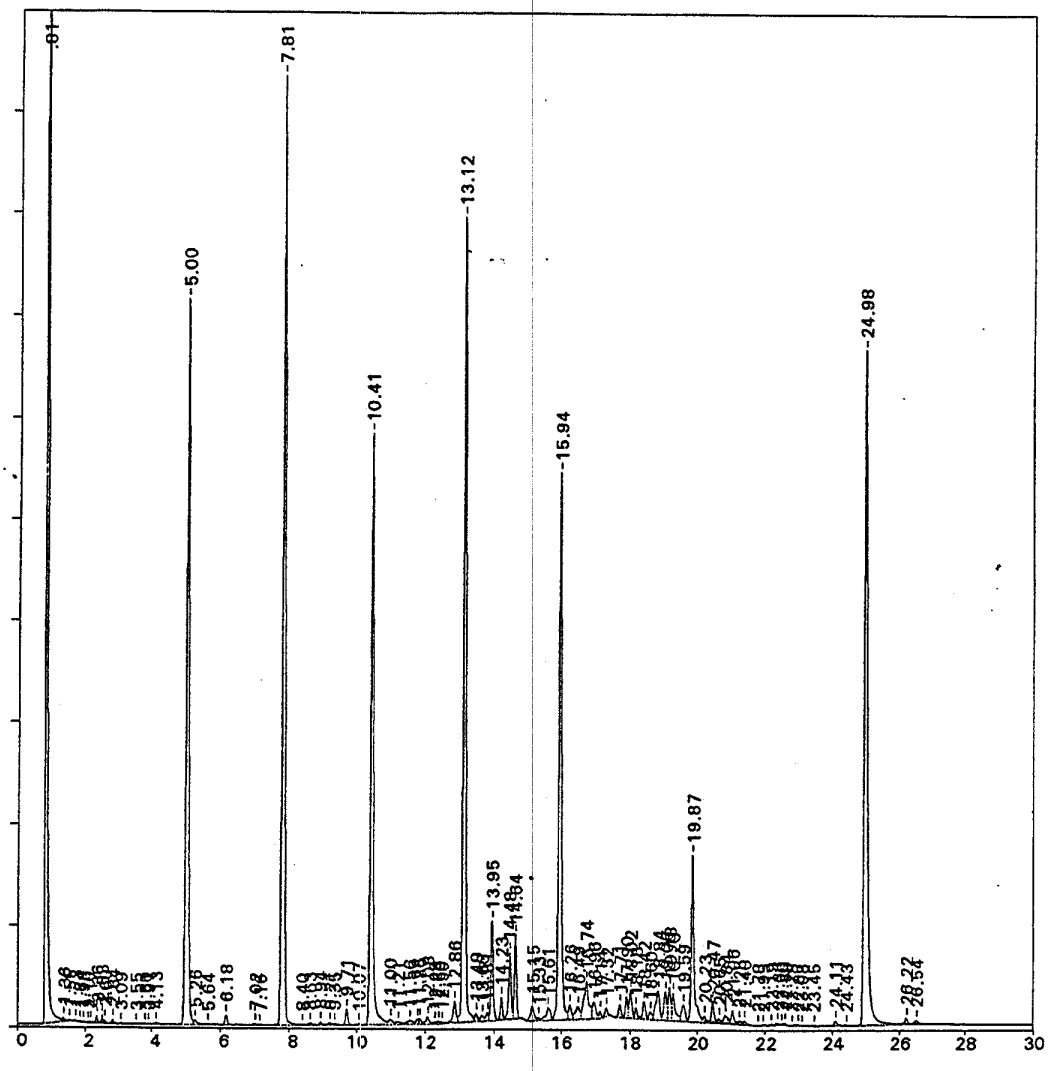
0.0 to 30.0 min. Low Y=-0.767 High Y=199.233 mv Span=200.0



Confirmation Only

50121

:Tx5
.50C---6/MIN---275C
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Date stamp = 09/19/94 Time = 10:42:50
:ample name = .80 PPM TCLP PEST 1000684 INITIAL CALIBRATION
:ollected on Sep 19, 1994 10:42:34 from port # 5
)perator = DC
:equence file = HP70919.SEQ #6
:nstrument = HP7--DET 7A
[ethod name = H:\CP2\HP7\HP7UPDT.MET version # 91
Date method last modified = 09/19/94 Time = 13:23:04
:alibration file = H:\CP2\HP7\HP7TLP21.CAL version # 3
Date cal file last modified = 09/19/94 Time = 13:05:18
:un time = 30.00 minutes Area reject = 0
.mount injected = 1 Dilution Factor = 1
:ample Weight = 1 Internal Standard Amount = 1
:ampling rate = 5 per second
'eak detect threshold = 4 Starting peak width = .02 minutes
:hrom-Perfect Software Serial # 14694 Version = 6.07 For ARDL
'oday's date = 09-19-1994 Time = 13:30:40

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.805		0.0000	0.0000%	1,184,242.8	16.583%	BV	0.052	379,440.81	26.4947%
2	1.363		0.0000	0.0000%	3,536.4	0.050%	VV	0.064	922.24	0.0644%
3	1.550		0.0000	0.0000%	595.0	0.008%	VB	0.039	253.44	0.0177%
4	1.726		0.0000	0.0000%	1,071.8	0.015%	BV	0.044	408.75	0.0285%
5	1.842		0.0000	0.0000%	845.7	0.012%	VB	0.050	284.51	0.0199%
6	1.950		0.0000	0.0000%	902.1	0.013%	BV	0.060	250.56	0.0175%
7	2.096		0.0000	0.0000%	576.6	0.008%	VV	0.054	176.96	0.0124%
8	2.172		0.0000	0.0000%	824.3	0.012%	VB	0.060	228.94	0.0160%
9	2.361		0.0000	0.0000%	4,855.5	0.068%	BV	0.055	1,480.00	0.1033%
0	2.527		0.0000	0.0000%	4,817.7	0.067%	VV	0.050	1,616.62	0.1129%
1	2.599		0.0000	0.0000%	2,240.9	0.031%	VB	0.057	651.52	0.0455%
2	2.841		0.0000	0.0000%	3,419.4	0.048%	BV	0.060	947.63	0.0662%
3	3.093		0.0000	0.0000%	433.3	0.006%	VB	0.082	87.89	0.0061%
4	3.548		0.0000	0.0000%	235.7	0.003%	BB	0.055	71.91	0.0050%
5	3.800		0.0000	0.0000%	686.8	0.010%	BV	0.069	165.38	0.0115%
6	3.914		0.0000	0.0000%	626.9	0.009%	VB	0.073	142.34	0.0099%
7	4.127		0.0000	0.0000%	1,815.7	0.025%	BB	0.086	351.97	0.0246%
8	5.002	m-XYLENE	0.8014	4.5701%	784,149.9	10.980%	BV	0.091	143,070.22	9.9900%
9	5.259		0.0000	0.0000%	6,267.5	0.088%	VV	0.125	834.55	0.0583%
0	5.637		0.0000	0.0000%	1,052.9	0.015%	VB	0.157	111.57	0.0078%
1	6.176		0.0000	0.0000%	9,327.6	0.131%	BB	0.082	1,906.60	0.1331%
2	7.019		0.0000	0.0000%	1,911.0	0.027%	BV	0.084	378.75	0.0264%
3	7.163		0.0000	0.0000%	640.6	0.009%	VB	0.084	126.59	0.0088%
4	7.808	g-BHC	0.9120	5.2006%	961,574.5	13.465%	BV	0.086	187,026.73	13.0593%
5	8.401		0.0000	0.0000%	1,650.3	0.023%	VV	0.114	240.31	0.0168%
6	8.628		0.0000	0.0000%	3,064.2	0.043%	VV	0.139	367.96	0.0257%
7	8.937		0.0000	0.0000%	3,278.0	0.046%	VV	0.091	600.66	0.0419%
8	9.209		0.0000	0.0000%	2,837.0	0.040%	VV	0.103	460.10	0.0321%
9	9.350		0.0000	0.0000%	2,431.9	0.034%	VV	0.111	365.26	0.0255%
0	9.707		0.0000	0.0000%	14,611.2	0.205%	VB	0.078	3,126.24	0.2183%
1	10.068		0.0000	0.0000%	1,934.3	0.027%	BV	0.099	324.39	0.0227%
2	10.413	Heptachlor	0.8902	5.0764%	652,423.8	9.136%	VV	0.093	116,634.66	8.1441%
3	10.995		0.0000	0.0000%	8,595.9	0.120%	VV	0.133	1,076.94	0.0752%
4	11.209		0.0000	0.0000%	4,982.9	0.070%	VV	0.164	506.53	0.0354%
5	11.562		0.0000	0.0000%	8,457.3	0.118%	VV	0.186	757.24	0.0529%
6	11.775		0.0000	0.0000%	4,373.0	0.061%	VV	0.076	953.57	0.0666%
7	11.854		0.0000	0.0000%	5,402.6	0.076%	VV	0.083	1,080.02	0.0754%

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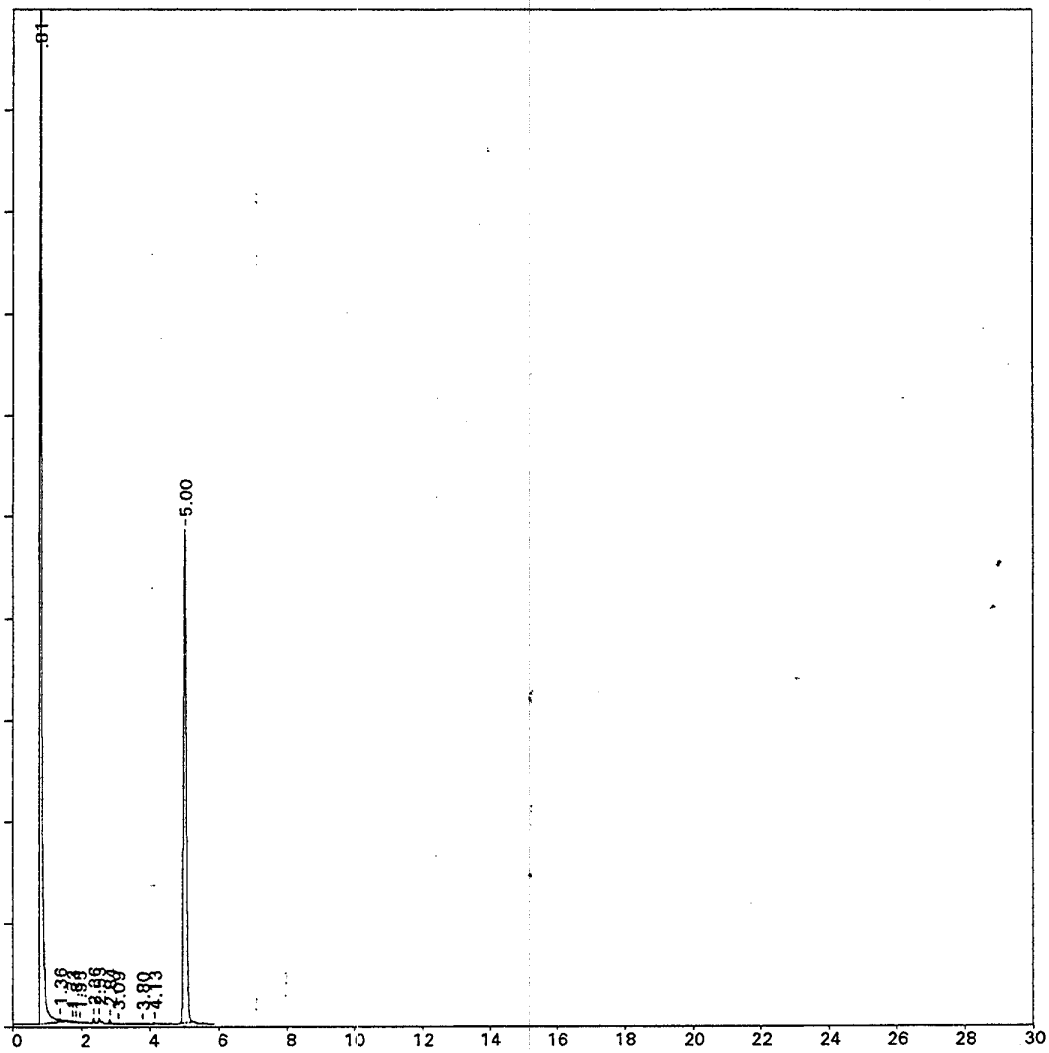
38	12.080		0.0000	0.0000%	9,281.0	0.130%	VV	0.111	1,398.02	0.0976%
39	12.284		0.0000	0.0000%	1,407.2	0.020%	VV	0.089	262.88	0.0184%
40	12.393		0.0000	0.0000%	2,538.2	0.036%	VV	0.090	469.71	0.0328%
41	12.498		0.0000	0.0000%	1,265.8	0.018%	VB	0.075	281.25	0.0196%
42	12.863	CHLOR #1	0.8024	4.5760%	26,807.5	0.375%	BV	0.106	4,231.17	0.2954%
43	13.116	Hept. Epox.	0.8733	4.9800%	840,788.5	11.773%	VV	0.088	158,489.28	11.0666%
44	13.489	CHLOR #2	0.7305	4.1658%	8,602.2	0.120%	VV	0.089	1,615.34	0.1128%
45	13.656		0.0000	0.0000%	7,516.8	0.105%	VV	0.105	1,193.41	0.0833%
46	13.811		0.0000	0.0000%	8,928.8	0.125%	VV	0.089	1,680.03	0.1173%
47	13.949	CHLOR #3	0.8586	4.8965%	97,124.7	1.360%	VB	0.082	19,712.85	1.3765%
48	14.234		0.0000	0.0000%	19,214.3	0.269%	BV	0.074	4,355.14	0.3041%
49	14.476	CHLOR #4	0.8220	4.6877%	67,567.9	0.946%	VV	0.086	13,144.22	0.9178%
50	14.642	CHLOR #5	0.8445	4.8159%	75,756.9	1.061%	VB	0.076	16,524.02	1.1538%
51	15.145		0.0000	0.0000%	22,257.3	0.312%	BV	0.126	2,942.37	0.2055%
52	15.326		0.0000	0.0000%	3,459.6	0.048%	VV	0.081	713.00	0.0498%
53	15.608		0.0000	0.0000%	25,365.6	0.355%	VV	0.169	2,502.88	0.1748%
54	15.937	Endrin	0.8883	5.0654%	611,273.4	8.559%	VV	0.094	107,917.79	7.5354%
55	16.257	TOX #1	1.4446	8.2381%	18,003.2	0.252%	VV	0.106	2,825.88	0.1973%
56	16.487		0.0000	0.0000%	23,354.4	0.327%	VV	0.155	2,507.28	0.1751%
57	16.741	TOX #2	1.6308	9.2997%	71,536.9	1.002%	VV	0.160	7,443.40	0.5197%
58	16.956		0.0000	0.0000%	24,212.1	0.339%	VV	0.124	3,245.56	0.2266%
59	17.141		0.0000	0.0000%	6,354.9	0.089%	VB	0.073	1,452.26	0.1014%
60	17.320		0.0000	0.0000%	8,644.7	0.121%	BB	0.085	1,687.21	0.1178%
61	17.706	TOX #3	1.2247	6.9838%	13,951.1	0.195%	BV	0.090	2,593.01	0.1811%
62	17.901		0.0000	0.0000%	19,330.7	0.271%	VV	0.077	4,177.48	0.2917%
63	18.019		0.0000	0.0000%	27,671.9	0.387%	VV	0.087	5,308.66	0.3707%
64	18.179	TOX #4	1.3704	7.8149%	11,484.9	0.161%	VV	0.090	2,124.49	0.1483%
65	18.418		0.0000	0.0000%	19,969.1	0.280%	VV	0.097	3,439.25	0.2401%
66	18.599		0.0000	0.0000%	10,196.6	0.143%	VV	0.111	1,525.19	0.1065%
67	18.836	TOX #5	1.7026	9.7096%	47,627.5	0.667%	VV	0.139	5,704.83	0.3983%
68	19.056		0.0000	0.0000%	34,370.7	0.481%	VV	0.103	5,562.98	0.3884%
69	19.175		0.0000	0.0000%	34,810.4	0.487%	VV	0.089	6,534.09	0.4562%
70	19.290		0.0000	0.0000%	39,343.6	0.551%	VV	0.119	5,500.08	0.3840%
71	19.595		0.0000	0.0000%	27,317.0	0.383%	VV	0.140	3,253.46	0.2272%
72	19.866	METHOXYCHLOR	0.9147	5.2164%	205,989.4	2.884%	SBB	0.104	33,012.01	2.3051%
73	20.228		0.0000	0.0000%	3,965.4	0.056%	TVB	0.082	810.47	0.0566%
74	20.468		0.0000	0.0000%	21,397.9	0.300%	TBV	0.088	4,057.70	0.2833%
75	20.649		0.0000	0.0000%	3,692.8	0.052%	TVV	0.081	764.37	0.0534%
76	20.842		0.0000	0.0000%	8,712.9	0.122%	TVV	0.090	1,620.51	0.1132%
77	21.056		0.0000	0.0000%	14,749.6	0.207%	TVV	0.094	2,603.67	0.1818%
78	21.246		0.0000	0.0000%	4,952.6	0.069%	TVV	0.123	673.30	0.0470%
79	21.401		0.0000	0.0000%	6,044.8	0.085%	TVB	0.123	817.16	0.0571%
80	21.783		0.0000	0.0000%	518.8	0.007%	BB	0.074	117.51	0.0082%
81	21.950		0.0000	0.0000%	416.0	0.006%	BB	0.075	92.49	0.0065%
82	22.189		0.0000	0.0000%	1,390.3	0.019%	BB	0.075	309.41	0.0216%
83	22.362		0.0000	0.0000%	2,091.4	0.029%	BB	0.075	467.74	0.0327%
84	22.499		0.0000	0.0000%	463.9	0.006%	BB	0.051	153.02	0.0107%
85	22.595		0.0000	0.0000%	1,374.3	0.019%	BB	0.063	363.64	0.0254%
86	22.780		0.0000	0.0000%	295.4	0.004%	BB	0.059	82.79	0.0058%
87	22.967		0.0000	0.0000%	945.4	0.013%	BB	0.093	168.93	0.0118%
88	23.082		0.0000	0.0000%	428.4	0.006%	BB	0.072	98.56	0.0069%
89	23.447		0.0000	0.0000%	613.3	0.009%	BB	0.080	128.48	0.0090%
90	24.108		0.0000	0.0000%	5,500.4	0.077%	BB	0.104	878.36	0.0613%
91	24.431		0.0000	0.0000%	637.3	0.009%	BB	0.073	144.72	0.0101%
92	24.981	DCB	0.8247	4.7031%	887,535.0	12.428%	BB	0.111	133,152.72	9.2975%
93	26.222		0.0000	0.0000%	6,235.1	0.087%	BB	0.089	1,168.27	0.0816%
94	26.536		0.0000	0.0000%	5,482.6	0.077%	BB	0.130	703.62	0.0491%

Total area = 7141463 Total amount = 17.5358 Sample units = ug/mL Total height = 1432138

50123

ile=H:\CP2\HP7\G0919.06R Date printed=09-19-1994 Time= 10:52:11
ample Name=.50 PPM TCLP PEST 1000684 INITIAL CALIBRATION
.0 to 30.0 min. Low Y=-0.775 High Y=199.225 mv Span=200.0

NETWORK went down GHB
RAN another 9-19-94



Confirmation Only

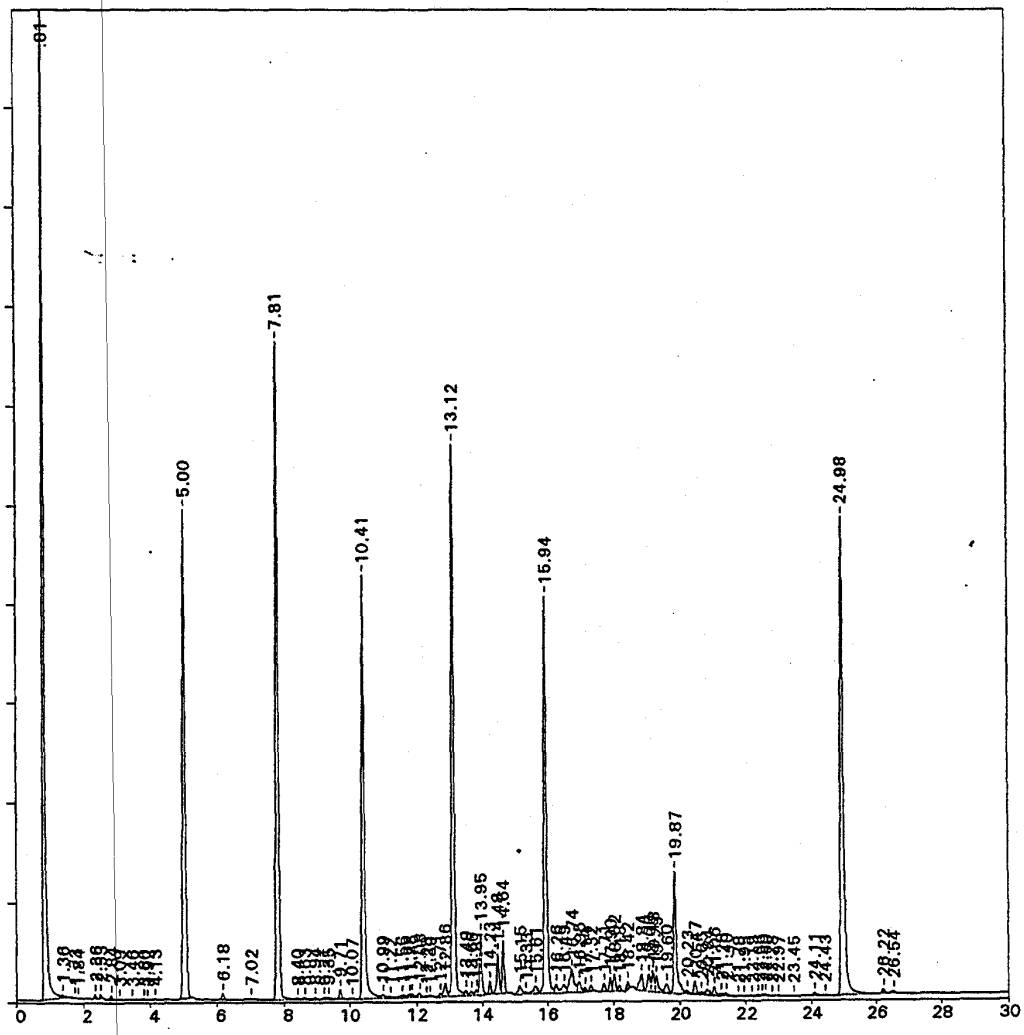
50124

RTx5
150C---6/MIN---275C
Data file = H:\CP2\HP7\G0919.06R
Date stamp = 09/19/94 Time = 10:51:56
Sample name = .50 PPM TCLP PEST 1000684 INITIAL CALIBRATION
Collected on Sep 19, 1994 10:51:56 from port # 5
Operator = DC
Sequence file = HP70919.SEQ #7
Instrument = HP7--DET 7A
Method name = H:\CP2\HP7\HP78080.MET version # 51 CH 9-19-94
Date method last modified = 09/16/94 Time = 10:05:22
Calibration file = H:\CP2\HP7\~~HP7P74.~~CAL version # 3 HPTTLP21 CAL file
Date cal file last modified = 09/16/94 Time = 09:33:22
Run time = 5.87 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .02 minutes
Chrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 10:52:13

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.806		0.0000	0.0000%	1,047,941.6	65.695%	BV	0.053	329,791.84	76.5803%
2	1.363		0.0000	0.0000%	2,239.3	0.140%	VB	0.061	610.58	0.1418%
3	1.726		0.0000	0.0000%	660.1	0.041%	BV	0.046	240.69	0.0559%
4	1.839		0.0000	0.0000%	477.1	0.030%	VB	0.050	157.74	0.0366%
5	1.950		0.0000	0.0000%	334.5	0.021%	BB	0.058	95.91	0.0223%
6	2.361		0.0000	0.0000%	2,733.2	0.171%	BB	0.052	878.31	0.2040%
7	2.526		0.0000	0.0000%	2,110.6	0.132%	BB	0.042	828.15	0.1923%
8	2.840		0.0000	0.0000%	2,880.0	0.181%	BV	0.061	783.97	0.1820%
9	3.091		0.0000	0.0000%	411.4	0.026%	VB	0.078	88.35	0.0205%
10	3.798		0.0000	0.0000%	364.1	0.023%	BB	0.062	97.36	0.0226%
11	4.126		0.0000	0.0000%	1,313.3	0.082%	BB	0.087	251.80	0.0585%
12	5.001	m-XYLENE	0.5342	100.0000%	533,696.6	33.457%	BB	0.092	96,823.59	22.4832%

Total area = 1595162 Total amount = .5342275 Sample units = ug/mL Total height = 430648.3

File=H:\CP2\HP7\G0919.07R Date printed=09-19-1994 Time= 11:49:17
Sample Name=.50 PPM TCLP PEST 1000684 INITIAL CALIBRATION
0.0 to 30.0 min. Low Y=-0.783 High Y=199.217 mv Span=200.0



Confirmation Only

50126

Tx5
50C---6/MIN---275C
ata file = h:\cp2\hp7\G0919.07R
Date stamp = 09/19/94 Time = 11:49:28
ample name = .50 PPM TCLP PEST 1000684 INITIAL CALIBRATION
ollected on Sep 19, 1994 11:49:13 from port # 5
perator = DC
equence file = HP70919.SEQ #8
nstrument = HP7--DET 7A
ethod name = H:\CP2\HP7\HP7UPDT.MET version # 91
Date method last modified = 09/19/94 Time = 13:23:04
alibration file = H:\CP2\HP7\HP7TLP21.CAL version # 3
Date cal file last modified = 09/19/94 Time = 13:05:18
un time = 30.00 minutes Area reject = 0
mount injected = 1 Dilution Factor = 1
ample Weight = 1 Internal Standard Amount = 1
ampling rate = 5 per second
eak detect threshold = 4 Starting peak width = .02 minutes
hrom-Perfect Software Serial # 14694 Version = 6.07 For ARDL
oday's date = 09-19-1994 Time = 13:31:04

K	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.806		0.0000	0.0000%	959,221.8	19.017%	BV	0.054	297,518.63	28.7815%
2	1.362		0.0000	0.0000%	2,099.8	0.042%	VB	0.059	588.55	0.0569%
3	1.725		0.0000	0.0000%	695.0	0.014%	BV	0.048	239.94	0.0232%
4	1.842		0.0000	0.0000%	507.0	0.010%	VB	0.051	164.58	0.0159%
5	2.361		0.0000	0.0000%	2,781.9	0.055%	BB	0.053	882.12	0.0853%
6	2.526		0.0000	0.0000%	2,196.0	0.044%	BB	0.043	845.38	0.0818%
7	2.841		0.0000	0.0000%	3,038.1	0.060%	BV	0.061	823.61	0.0797%
8	3.092		0.0000	0.0000%	411.7	0.008%	VB	0.074	92.61	0.0090%
9	3.458		0.0000	0.0000%	184.9	0.004%	BB	0.045	68.51	0.0066%
0	3.799		0.0000	0.0000%	512.5	0.010%	BV	0.073	117.04	0.0113%
1	3.918		0.0000	0.0000%	483:4	0.010%	VB	0.081	99.61	0.0096%
2	4.125		0.0000	0.0000%	1,379.6	0.027%	BB	0.085	271.78	0.0263%
3	5.001	m-XYLENE	0.5494	4.9416%	537,600.5	10.658%	BB	0.091	98,678.38	9.5460%
4	6.175		0.0000	0.0000%	5,991.5	0.119%	BB	0.083	1,209.50	0.1170%
5	7.019		0.0000	0.0000%	1,133.8	0.022%	BB	0.079	237.82	0.0230%
6	7.808	g-BHC	0.6410	5.7651%	675,861.9	13.399%	BV	0.085	132,481.77	12.8161%
7	8.402		0.0000	0.0000%	1,032.2	0.020%	VV	0.109	157.44	0.0152%
8	8.627		0.0000	0.0000%	2,207.2	0.044%	VV	0.134	274.64	0.0266%
9	8.936		0.0000	0.0000%	2,237.0	0.044%	VB	0.090	412.84	0.0399%
0	9.209		0.0000	0.0000%	1,927.4	0.038%	BV	0.101	317.25	0.0307%
1	9.350		0.0000	0.0000%	1,445.4	0.029%	VV	0.095	254.54	0.0246%
2	9.706		0.0000	0.0000%	9,265.0	0.184%	VB	0.081	1,914.08	0.1852%
3	10.065		0.0000	0.0000%	1,194.4	0.024%	BB	0.094	211.75	0.0205%
4	10.413	Heptachlor	0.6400	5.7562%	469,070.1	9.299%	BV	0.092	85,256.45	8.2476%
5	10.995		0.0000	0.0000%	5,348.1	0.106%	VV	0.127	701.09	0.0678%
6	11.217		0.0000	0.0000%	2,950.7	0.058%	VV	0.154	318.31	0.0308%
7	11.560		0.0000	0.0000%	4,899.0	0.097%	VV	0.178	459.60	0.0445%
8	11.775		0.0000	0.0000%	2,508.8	0.050%	VV	0.073	571.81	0.0553%
9	11.853		0.0000	0.0000%	3,041.7	0.060%	VV	0.078	653.02	0.0632%
0	12.080		0.0000	0.0000%	4,942.9	0.098%	VB	0.099	833.12	0.0806%
1	12.283		0.0000	0.0000%	333.8	0.007%	BV	0.067	83.35	0.0081%
2	12.393		0.0000	0.0000%	794.0	0.016%	VB	0.066	201.10	0.0195%
3	12.709		0.0000	0.0000%	3,738.9	0.074%	BV	0.083	749.99	0.0726%
4	12.862	CHLOR #1	0.4655	4.1866%	15,551.0	0.308%	VV	0.099	2,617.19	0.2532%
5	13.116	Hept. Epox.	0.6056	5.4466%	583,059.0	11.559%	VV	0.087	111,403.45	10.7770%
6	13.490	CHLOR #2	0.4639	4.1722%	5,462.5	0.108%	VV	0.089	1,025.37	0.0992%
7	13.657		0.0000	0.0000%	4,992.2	0.099%	VV	0.105	789.12	0.0763%

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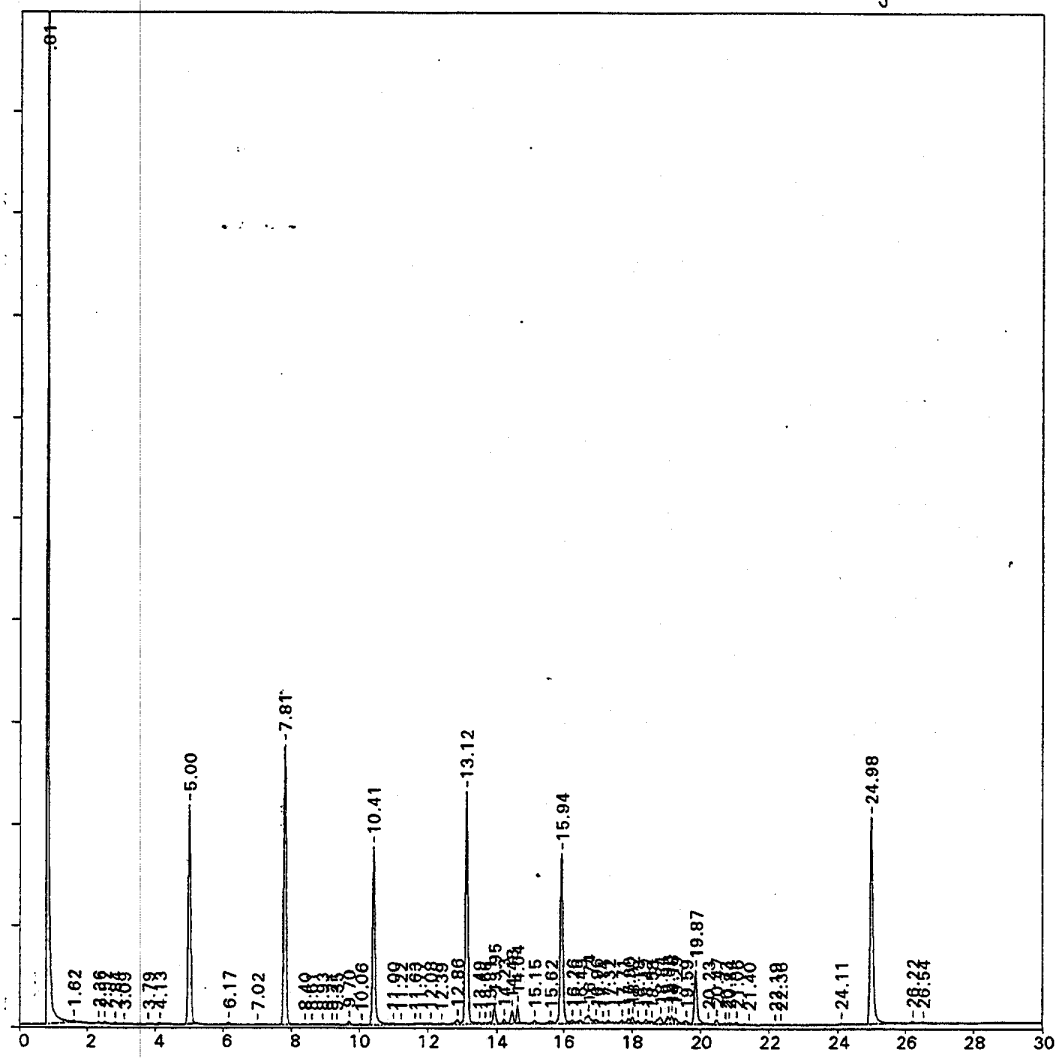
8	13.811		0.0000	0.0000%	5,421.8	0.107%	VV	0.086	1,053.94	0.1020%
9	13.949	CHLOR #3	0.5321	4.7856%	60,187.2	1.193%	VB	0.081	12,415.99	1.2011%
0	14.234		0.0000	0.0000%	11,465.9	0.227%	BV	0.075	2,561.18	0.2478%
1	14.476	CHLOR #4	0.5033	4.5269%	41,372.2	0.820%	VV	0.084	8,179.33	0.7913%
2	14.642	CHLOR #5	0.5332	4.7957%	47,833.2	0.948%	VB	0.074	10,723.98	1.0374%
3	15.146		0.0000	0.0000%	14,206.7	0.282%	BV	0.127	1,859.81	0.1799%
4	15.325		0.0000	0.0000%	1,921.8	0.038%	VV	0.075	426.93	0.0413%
5	15.609		0.0000	0.0000%	15,435.2	0.306%	VV	0.162	1,588.30	0.1536%
6	15.937	Endrin	0.6396	5.7526%	440,159.6	8.726%	VV	0.092	80,072.20	7.7461%
7	16.257	TOX #1	0.9388	8.4431%	11,699.0	0.232%	VV	0.105	1,853.52	0.1793%
8	16.486		0.0000	0.0000%	15,565.1	0.309%	VV	0.154	1,687.13	0.1632%
9	16.740	TOX #2	1.0625	9.5556%	46,606.5	0.924%	VV	0.163	4,773.59	0.4618%
0	16.955		0.0000	0.0000%	16,004.6	0.317%	VV	0.124	2,147.69	0.2078%
1	17.143		0.0000	0.0000%	4,468.7	0.089%	VB	0.074	1,008.70	0.0976%
2	17.321		0.0000	0.0000%	6,123.7	0.121%	BB	0.086	1,180.82	0.1142%
3	17.707	TOX #3	0.7458	6.7081%	8,496.5	0.168%	BV	0.087	1,631.66	0.1578%
4	17.903		0.0000	0.0000%	11,982.3	0.238%	VV	0.074	2,689.48	0.2602%
5	18.021		0.0000	0.0000%	17,179.5	0.341%	VV	0.083	3,443.32	0.3331%
6	18.181	TOX #4	0.6767	6.0862%	5,671.3	0.112%	VB	0.076	1,237.69	0.1197%
7	18.419		0.0000	0.0000%	7,015.3	0.139%	BB	0.074	1,570.84	0.1520%
8	18.837	TOX #5	0.8487	7.6328%	23,739.5	0.471%	BB	0.119	3,333.89	0.3225%
9	19.057		0.0000	0.0000%	19,285.2	0.382%	BV	0.093	3,446.89	0.3334%
0	19.175		0.0000	0.0000%	21,408.2	0.424%	VV	0.085	4,196.40	0.4060%
1	19.291		0.0000	0.0000%	21,834.7	0.433%	VV	0.110	3,310.17	0.3202%
2	19.597		0.0000	0.0000%	15,070.0	0.299%	VB	0.132	1,896.04	0.1834%
3	19.866	METHOXYCHLOR	0.6988	6.2853%	157,371.8	3.120%	SBB	0.106	24,663.84	2.3859%
4	20.228		0.0000	0.0000%	2,509.7	0.050%	TVB	0.080	521.29	0.0504%
5	20.470		0.0000	0.0000%	14,255.6	0.283%	TBV	0.089	2,658.43	0.2572%
6	20.651		0.0000	0.0000%	2,521.0	0.050%	TVV	0.081	519.50	0.0503%
7	20.843		0.0000	0.0000%	6,337.7	0.126%	TVV	0.097	1,094.01	0.1058%
8	21.058		0.0000	0.0000%	9,475.7	0.188%	TVV	0.096	1,647.43	0.1594%
9	21.249		0.0000	0.0000%	3,067.3	0.061%	TVV	0.117	435.72	0.0422%
0	21.404		0.0000	0.0000%	3,812.0	0.076%	TVB	0.125	509.88	0.0493%
1	21.778		0.0000	0.0000%	306.1	0.006%	BB	0.072	70.80	0.0068%
2	21.952		0.0000	0.0000%	269.8	0.005%	BB	0.072	62.75	0.0061%
3	22.190		0.0000	0.0000%	864.4	0.017%	BB	0.075	193.00	0.0187%
4	22.362		0.0000	0.0000%	1,449.6	0.029%	BB	0.075	322.62	0.0312%
5	22.498		0.0000	0.0000%	301.7	0.006%	BB	0.050	101.21	0.0098%
6	22.596		0.0000	0.0000%	869.3	0.017%	BB	0.063	229.64	0.0222%
7	22.782		0.0000	0.0000%	168.9	0.003%	BB	0.059	47.84	0.0046%
8	22.969		0.0000	0.0000%	288.0	0.006%	BB	0.055	87.17	0.0084%
9	23.450		0.0000	0.0000%	353.2	0.007%	BB	0.076	77.74	0.0075%
0	24.109		0.0000	0.0000%	3,624.4	0.072%	BB	0.100	601.89	0.0582%
1	24.433		0.0000	0.0000%	594.8	0.012%	BB	0.084	118.68	0.0115%
2	24.982	DCB	0.5737	5.1598%	617,394.6	12.240%	BB	0.106	96,638.41	9.3486%
5	26.223		0.0000	0.0000%	4,289.9	0.085%	BB	0.088	816.19	0.0790%
4	26.538		0.0000	0.0000%	3,717.8	0.074%	BB	0.128	482.51	0.0467%

tal area = 5044097 Total amount = 11.11864 Sample units = ug/mL Total height = 1033715

le=H:\CP2\HF7\G0919.08R Date printed=09-19-1994 Time= 12:22:36 Did not USE CEK 9-19-94
mple Name=.20 PPM TCLP PEST 1000684 INITIAL CALIBRATION
0 to 30.0 min. Low Y=-0.773 High Y=199.227 mv Span=200.0 CURVE made without using this STD



Confirmation Only

50129

:Tx5
.50C---6/MIN---275C
)ata file = h:\cp2\hp7\G0919.08R
Date stamp = 09/19/94 Time = 12:22:46
Sample name = .20 PPM TCLP PEST 1000684 INITIAL CALIBRATION
Collected on Sep 19, 1994 12:22:31 from port # 5
Operator = DC
Sequence file = HP70919.SEQ #9
Instrument = HP7--DET 7A
Method name = H:\CP2\HP7\HP7UPDT.MET version # 91
Date method last modified = 09/19/94 Time = 13:23:04
Calibration file = H:\CP2\HP7\HP7TLP21.CAL version # 3
Date cal file last modified = 09/19/94 Time = 13:05:18
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .02 minutes
Chrom-Perfect Software Serial # 14694 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 13:31:27

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.806		0.0000	0.0000%	896,233.0	35.759%	BV	0.054	276,090.38	47.7994%
2	1.616		0.0000	0.0000%	1,313.5	0.052%	VB	0.052	420.37	0.0728%
3	2.358		0.0000	0.0000%	1,048.8	0.042%	BB	0.050	350.46	0.0607%
4	2.523		0.0000	0.0000%	830.5	0.033%	BB	0.042	332.73	0.0576%
5	2.837		0.0000	0.0000%	1,345.4	0.054%	BV	0.064	352.17	0.0610%
6	3.088		0.0000	0.0000%	418.7	0.017%	VB	0.071	98.18	0.0170%
7	3.791		0.0000	0.0000%	578.2	0.023%	BB	0.069	138.69	0.0240%
8	4.127		0.0000	0.0000%	1,378.6	0.055%	BB	0.083	277.30	0.0480%
9	4.999	m-XYLENE	0.2309	5.5320%	225,958.7	9.016%	BB	0.087	43,520.32	7.5346%
10	6.173		0.0000	0.0000%	2,017.5	0.080%	BB	0.079	423.02	0.0732%
11	7.015		0.0000	0.0000%	409.7	0.016%	BB	0.076	89.43	0.0155%
12	7.806	g-BHC	0.2529	6.0591%	266,694.5	10.641%	BV	0.080	55,258.58	9.5669%
13	8.402		0.0000	0.0000%	519.5	0.021%	VV	0.109	79.12	0.0137%
14	8.608		0.0000	0.0000%	1,017.2	0.041%	VV	0.132	127.98	0.0222%
15	8.934		0.0000	0.0000%	875.8	0.035%	VB	0.089	164.16	0.0284%
16	9.209		0.0000	0.0000%	719.0	0.029%	BV	0.098	122.03	0.0211%
17	9.350		0.0000	0.0000%	506.0	0.020%	VB	0.094	89.87	0.0156%
18	9.704		0.0000	0.0000%	3,318.9	0.132%	BV	0.082	671.70	0.1163%
19	10.063		0.0000	0.0000%	450.4	0.018%	VB	0.092	81.20	0.0141%
20	10.412	Heptachlor	0.2547	6.1018%	186,684.5	7.449%	BV	0.088	35,371.99	6.1239%
21	10.995		0.0000	0.0000%	1,920.2	0.077%	VV	0.124	258.95	0.0448%
22	11.215		0.0000	0.0000%	1,084.1	0.043%	VV	0.144	125.35	0.0217%
23	11.628		0.0000	0.0000%	2,248.6	0.090%	VV	0.182	205.70	0.0356%
24	11.773		0.0000	0.0000%	1,215.3	0.048%	VV	0.087	233.19	0.0404%
25	12.079		0.0000	0.0000%	1,944.6	0.078%	VB	0.104	310.38	0.0537%
26	12.393		0.0000	0.0000%	271.5	0.011%	BB	0.062	73.26	0.0127%
27	12.862	CHLOR #1	0.1801	4.3146%	6,017.1	0.240%	BV	0.117	858.54	0.1486%
28	13.115	Hept. Epox.	0.2367	5.6699%	227,882.4	9.092%	VV	0.083	45,960.50	7.9571%
29	13.490	CHLOR #2	0.1429	3.4234%	1,682.9	0.067%	VV	0.086	325.74	0.0564%
30	13.658		0.0000	0.0000%	1,631.8	0.065%	VV	0.099	275.54	0.0477%
31	13.810		0.0000	0.0000%	1,871.6	0.075%	VV	0.091	344.56	0.0597%
32	13.948	CHLOR #3	0.1587	3.8010%	17,948.0	0.716%	VB	0.081	3,679.95	0.6371%
33	14.232		0.0000	0.0000%	3,606.7	0.144%	BV	0.077	784.84	0.1359%
34	14.475	CHLOR #4	0.1537	3.6812%	12,631.6	0.504%	VV	0.086	2,449.54	0.4241%
35	14.642	CHLOR #5	0.1697	4.0656%	15,224.9	0.607%	VB	0.075	3,382.03	0.5855%
36	15.145		0.0000	0.0000%	5,016.6	0.200%	BV	0.131	638.82	0.1106%
37	15.617		0.0000	0.0000%	5,015.5	0.200%	VV	0.166	503.17	0.0871%

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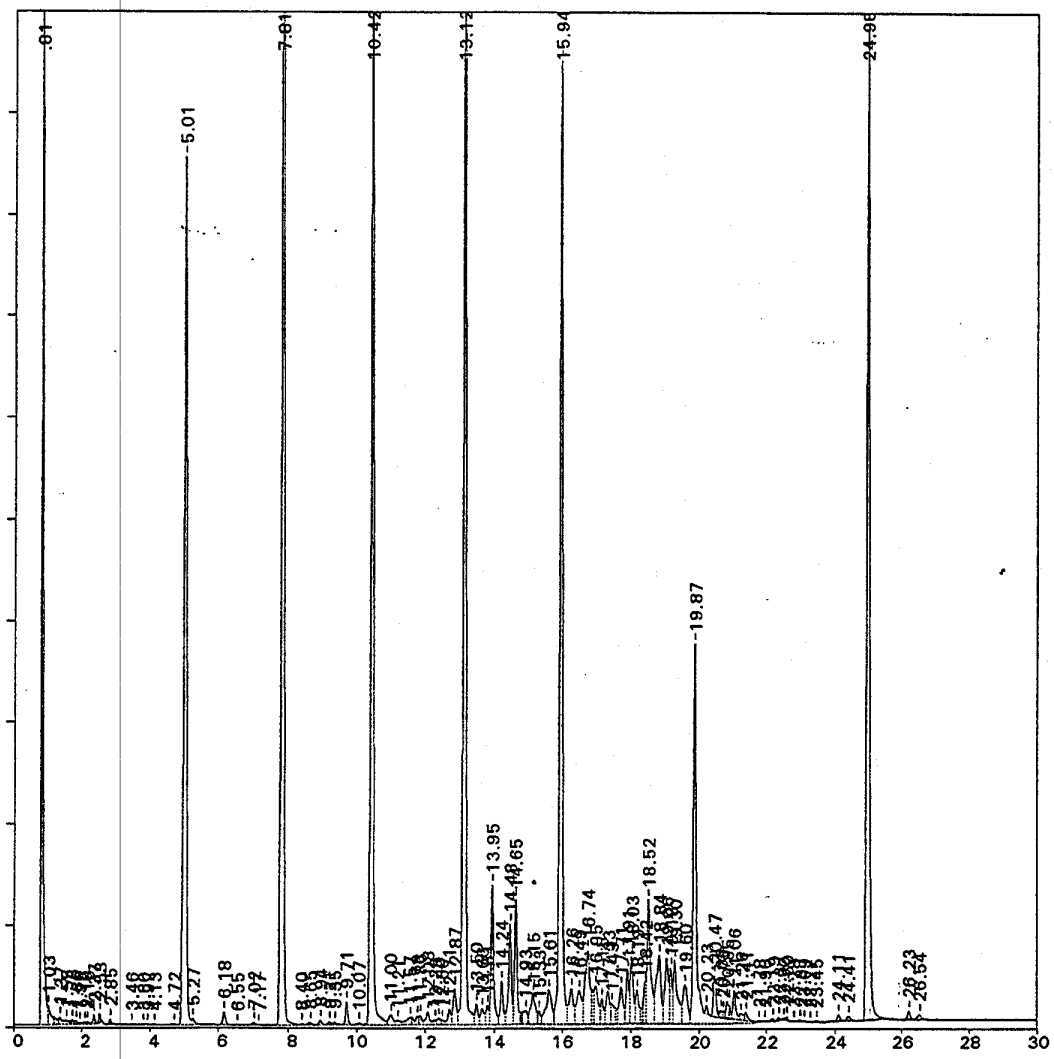
9-20-94

58	15.936	Endrin	0.2545	6.0967%	175,143.5	6.988%	VV	0.087	33,735.83	5.8407%
59	16.256	TOX #1	0.3364	8.0574%	4,191.7	0.167%	VV	0.109	643.87	0.1115%
60	16.486		0.0000	0.0000%	5,341.4	0.213%	VV	0.147	605.77	0.1049%
61	16.740	TOX #2	0.3582	8.5798%	15,711.6	0.627%	VV	0.171	1,532.89	0.2654%
62	16.958		0.0000	0.0000%	5,612.5	0.224%	VV	0.124	755.15	0.1307%
63	17.143		0.0000	0.0000%	1,483.0	0.059%	VB	0.074	335.86	0.0581%
64	17.320		0.0000	0.0000%	2,332.4	0.093%	BB	0.086	452.50	0.0783%
65	17.707	TOX #3	0.2538	6.0802%	2,891.4	0.115%	BV	0.090	532.89	0.0923%
66	17.901		0.0000	0.0000%	4,288.9	0.171%	VV	0.077	925.40	0.1602%
67	18.020		0.0000	0.0000%	6,276.6	0.250%	VV	0.088	1,193.41	0.2066%
68	18.179	TOX #4	0.3157	7.5618%	2,645.5	0.106%	VV	0.089	496.76	0.0860%
69	18.419		0.0000	0.0000%	4,522.0	0.180%	VV	0.099	763.11	0.1321%
70	18.580		0.0000	0.0000%	3,752.9	0.150%	VV	0.146	428.04	0.0741%
71	18.837	TOX #5	0.3765	9.0182%	10,530.7	0.420%	VV	0.141	1,242.56	0.2151%
72	19.057		0.0000	0.0000%	7,928.6	0.316%	VV	0.101	1,312.24	0.2272%
73	19.175		0.0000	0.0000%	8,415.1	0.336%	VV	0.088	1,589.10	0.2751%
74	19.291		0.0000	0.0000%	8,108.1	0.324%	VV	0.121	1,117.03	0.1934%
75	19.595		0.0000	0.0000%	5,145.6	0.205%	VV	0.139	617.83	0.1070%
76	19.868	METHOXYCHLOR	0.2642	6.3293%	59,498.1	2.374%	VV	0.094	10,493.49	1.8167%
77	20.227		0.0000	0.0000%	1,738.5	0.069%	VV	0.109	264.74	0.0458%
78	20.469		0.0000	0.0000%	4,972.2	0.198%	VV	0.092	901.86	0.1561%
79	20.728		0.0000	0.0000%	2,255.2	0.090%	VV	0.137	275.01	0.0476%
80	20.838		0.0000	0.0000%	2,272.6	0.091%	VV	0.095	399.35	0.0691%
81	21.058		0.0000	0.0000%	2,982.2	0.119%	VV	0.096	515.52	0.0893%
82	21.403		0.0000	0.0000%	897.8	0.036%	VB	0.103	145.10	0.0251%
83	22.188		0.0000	0.0000%	245.5	0.010%	BB	0.076	54.07	0.0094%
84	22.360		0.0000	0.0000%	543.7	0.022%	BB	0.074	122.42	0.0212%
85	24.107		0.0000	0.0000%	1,371.3	0.055%	BB	0.099	231.19	0.0400%
86	24.980	DCB	0.2349	5.6280%	252,833.3	10.088%	BB	0.103	40,959.26	7.0913%
87	26.221		0.0000	0.0000%	1,635.6	0.065%	BB	0.086	315.48	0.0546%
88	26.536		0.0000	0.0000%	1,209.7	0.048%	BB	0.115	175.24	0.0303%

Total area = 2506309 Total amount = 4.174491 Sample units = ug/mL Total height = 577602.8

ile=H:\CP2\HP7\G0919.17R Date printed=09-19-1994 Time= 20:05:47
Sample Name=1.0 PPM TCLP PEST 1000684 CONTINUING CHECK STD
.0 to 30.0 min. Low Y=-0.626 High Y=199.374 mv Span=200.0



Confirmation Only

50132

.Tx5
50C---6/MIN---275C
ata file = H:\CP2\HP7\G0919.17R
Date stamp = 09/19/94 Time = 20:04:52
ample name = 1.0 PPM TCLP PEST 1000684 CONTINUING CHECK STD
ollected on Sep 19, 1994 20:04:54 from port # 5
perator = DC
equence file = HP70919.SEQ #18
nstrument = HP7--DET 7A
ethod name = H:\CP2\HP7\HP78080.MET version # 52
Date method last modified = 09/19/94 Time = 13:23:44
alibration file = H:\CP2\HP7\HP7TLP21.CAL version # 3
Date cal file last modified = 09/19/94 Time = 13:05:18
un time = 30.00 minutes Area reject = 0
mount injected = 1 Dilution Factor = 1
ample Weight = 1 Internal Standard Amount = 1
ampling rate = 5 per second
eak detect threshold = 4 Starting peak width = .02 minutes
hrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
oday's date = 09-19-1994 Time = 20:05:55

K	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.805		0.0000	0.0000%	795,147.8	7.471%	BV	0.055	241,993.27	12.5136%
2	1.035		0.0000	0.0000%	21,355.0	0.201%	VV	0.098	3,629.12	0.1877%
3	1.368		0.0000	0.0000%	8,321.2	0.078%	VV	0.096	1,440.93	0.0745%
4	1.553		0.0000	0.0000%	7,415.2	0.070%	VV	0.147	838.42	0.0434%
5	1.732		0.0000	0.0000%	3,937.3	0.037%	VV	0.074	887.80	0.0459%
6	1.845		0.0000	0.0000%	3,129.1	0.029%	VV	0.079	656.21	0.0339%
7	1.953		0.0000	0.0000%	2,264.2	0.021%	VV	0.110	343.24	0.0177%
8	2.103		0.0000	0.0000%	1,769.1	0.017%	VV	0.077	383.24	0.0198%
9	2.176		0.0000	0.0000%	2,129.2	0.020%	VV	0.081	438.86	0.0227%
0	2.366		0.0000	0.0000%	6,762.3	0.064%	VB	0.063	1,776.39	0.0919%
1	2.532		0.0000	0.0000%	4,881.1	0.046%	BB	0.046	1,767.16	0.0914%
2	2.846		0.0000	0.0000%	3,547.4	0.033%	BB	0.063	944.64	0.0488%
3	3.460		0.0000	0.0000%	506.6	0.005%	BB	0.050	169.59	0.0088%
4	3.804		0.0000	0.0000%	864.7	0.008%	BV	0.070	205.54	0.0106%
5	3.923		0.0000	0.0000%	916.1	0.009%	VB	0.078	196.94	0.0102%
6	4.126		0.0000	0.0000%	1,271.1	0.012%	BB	0.088	240.93	0.0125%
7	4.716		0.0000	0.0000%	1,394.4	0.013%	BB	0.119	195.76	0.0101%
8	5.006	m-XYLENE	0.9790	2.4015%	957,883.8	9.000%	SBB	0.093	171,253.23	8.8556%
9	5.269		0.0000	0.0000%	2,320.5	0.022%	TVB	0.068	569.98	0.0295%
0	6.180		0.0000	0.0000%	12,445.5	0.117%	BV	0.082	2,537.94	0.1312%
1	6.545		0.0000	0.0000%	400.0	0.004%	VB	0.087	76.85	0.0040%
2	7.022		0.0000	0.0000%	2,879.8	0.027%	BV	0.088	548.09	0.0283%
3	7.167		0.0000	0.0000%	919.0	0.009%	VB	0.086	178.02	0.0092%
4	7.812	g-BHC	1.2863	3.1555%	1,356,305.4	12.743%	BV	0.087	258,689.88	13.3769%
5	8.404		0.0000	0.0000%	1,703.5	0.016%	VV	0.119	238.00	0.0123%
6	8.649		0.0000	0.0000%	3,616.7	0.034%	VV	0.125	481.42	0.0249%
7	8.942		0.0000	0.0000%	4,832.4	0.045%	VV	0.087	930.53	0.0481%
8	9.213		0.0000	0.0000%	3,938.3	0.037%	VV	0.101	652.23	0.0337%
9	9.354		0.0000	0.0000%	2,904.7	0.027%	VV	0.088	549.49	0.0284%
0	9.711		0.0000	0.0000%	21,266.1	0.200%	VB	0.078	4,521.73	0.2338%
1	10.072		0.0000	0.0000%	2,509.4	0.024%	BV	0.094	446.53	0.0231%
2	10.418	Heptachlor	1.5889	3.8976%	1,164,493.8	10.941%	VV	0.090	215,969.55	11.1679%
3	11.003		0.0000	0.0000%	18,383.7	0.173%	VV	0.156	1,964.82	0.1016%
4	11.209		0.0000	0.0000%	8,069.7	0.076%	VV	0.155	866.86	0.0448%
5	11.568		0.0000	0.0000%	12,566.9	0.118%	VV	0.146	1,432.39	0.0741%
6	11.779		0.0000	0.0000%	7,753.1	0.073%	VV	0.080	1,616.94	0.0836%
7	11.858		0.0000	0.0000%	9,971.2	0.094%	VV	0.092	1,808.99	0.0935%

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38	12.084		0.0000	0.0000%	19,429.3	0.183%	VV	0.132	2,444.37	0.1264%
39	12.289		0.0000	0.0000%	5,127.6	0.048%	VV	0.100	855.07	0.0442%
40	12.399		0.0000	0.0000%	8,359.1	0.079%	VV	0.109	1,277.28	0.0660%
41	12.504		0.0000	0.0000%	5,619.9	0.053%	VV	0.102	915.55	0.0473%
42	12.709		0.0000	0.0000%	17,776.1	0.167%	VV	0.099	2,989.00	0.1546%
43	12.866	CHLOR #1	1.3554	3.3250%	45,281.6	0.425%	VV	0.108	7,000.34	0.3620%
44	13.119	Hept. Epox.	1.2172	2.9859%	1,171,914.8	11.011%	VV	0.088	221,300.19	11.4435%
45	13.497	CHLOR #2	1.9533	4.7915%	23,000.7	0.216%	VV	0.098	3,912.63	0.2023%
46	13.664		0.0000	0.0000%	21,741.7	0.204%	VV	0.122	2,975.02	0.1538%
47	13.815		0.0000	0.0000%	20,919.0	0.197%	VV	0.096	3,614.46	0.1869%
48	13.952	CHLOR #3	1.3597	3.3354%	153,797.6	1.445%	VV	0.093	27,454.26	1.4197%
49	14.237		0.0000	0.0000%	48,043.9	0.451%	VV	0.097	8,257.43	0.4270%
50	14.479	CHLOR #4	1.4604	3.5826%	120,044.5	1.128%	VV	0.103	19,505.48	1.0086%
51	14.645	CHLOR #5	1.4456	3.5462%	129,681.7	1.218%	VV	0.089	24,401.70	1.2618%
52	14.929		0.0000	0.0000%	22,670.8	0.213%	VV	0.147	2,565.60	0.1327%
53	15.150		0.0000	0.0000%	58,418.3	0.549%	VV	0.167	5,818.78	0.3009%
54	15.328		0.0000	0.0000%	14,189.3	0.133%	VV	0.096	2,471.92	0.1278%
55	15.611		0.0000	0.0000%	77,453.9	0.728%	VV	0.195	6,622.98	0.3425%
56	15.939	Endrin	1.5041	3.6898%	1,035,105.4	9.725%	VV	0.091	189,663.61	9.8076%
57	16.262	TOX #1	5.0338	12.3483%	62,732.1	0.589%	VV	0.153	6,825.50	0.3529%
58	16.489		0.0000	0.0000%	67,739.2	0.636%	VV	0.178	6,358.17	0.3288%
59	16.741	TOX #2	3.1431	7.7102%	137,876.4	1.295%	VV	0.160	14,398.87	0.7446%
60	16.953		0.0000	0.0000%	63,233.5	0.594%	VV	0.143	7,351.68	0.3802%
61	17.147		0.0000	0.0000%	29,874.5	0.281%	VV	0.104	4,797.91	0.2481%
62	17.326		0.0000	0.0000%	47,618.4	0.447%	VV	0.128	6,203.05	0.3208%
63	17.434		0.0000	0.0000%	28,673.4	0.269%	VV	0.125	3,814.28	0.1972%
64	17.711	TOX #3	5.0531	12.3958%	57,563.7	0.541%	VV	0.135	7,088.29	0.3665%
65	17.907		0.0000	0.0000%	58,022.3	0.545%	VV	0.093	10,361.16	0.5358%
66	18.025		0.0000	0.0000%	78,806.0	0.740%	VV	0.101	12,958.00	0.6701%
67	18.185	TOX #4	5.2082	12.7762%	43,648.4	0.410%	VV	0.114	6,393.17	0.3306%
68	18.425		0.0000	0.0000%	37,277.2	0.350%	VV	0.076	8,143.65	0.4211%
69	18.519		0.0000	0.0000%	179,019.8	1.682%	VV	0.123	24,288.43	1.2560%
70	18.843	TOX #5	4.7464	11.6433%	132,769.0	1.247%	VV	0.167	13,239.80	0.6846%
71	19.061		0.0000	0.0000%	89,487.7	0.841%	VV	0.117	12,741.93	0.6589%
72	19.175		0.0000	0.0000%	58,552.9	0.550%	VV	0.091	10,773.00	0.5571%
73	19.296		0.0000	0.0000%	102,793.4	0.966%	VV	0.141	12,184.88	0.6301%
74	19.598		0.0000	0.0000%	70,935.4	0.666%	VV	0.161	7,363.04	0.3807%
75	19.873	METHOXYCHLOR	2.3908	5.8649%	538,385.8	5.058%	SBB	0.120	74,568.03	3.8559%
76	20.234		0.0000	0.0000%	8,220.9	0.077%	TVB	0.083	1,658.01	0.0857%
77	20.474		0.0000	0.0000%	43,513.9	0.409%	TBV	0.089	8,109.51	0.4193%
78	20.655		0.0000	0.0000%	7,179.2	0.067%	TVV	0.080	1,499.63	0.0775%
79	20.731		0.0000	0.0000%	5,181.5	0.049%	TVV	0.067	1,290.31	0.0667%
80	20.847		0.0000	0.0000%	18,184.3	0.171%	TVV	0.092	3,302.45	0.1708%
81	21.061		0.0000	0.0000%	31,494.4	0.296%	TVV	0.093	5,672.33	0.2933%
82	21.256		0.0000	0.0000%	10,016.6	0.094%	TVV	0.131	1,272.41	0.0658%
83	21.405		0.0000	0.0000%	11,462.8	0.108%	TVB	0.119	1,608.98	0.0832%
84	21.785		0.0000	0.0000%	908.5	0.009%	BB	0.073	208.27	0.0108%
85	21.956		0.0000	0.0000%	615.7	0.006%	BB	0.074	138.48	0.0072%
86	22.193		0.0000	0.0000%	2,433.4	0.023%	BB	0.076	531.08	0.0275%
87	22.367		0.0000	0.0000%	2,943.1	0.028%	BB	0.074	662.21	0.0342%
88	22.503		0.0000	0.0000%	781.3	0.007%	BB	0.049	264.94	0.0137%
89	22.600		0.0000	0.0000%	2,635.0	0.025%	BB	0.063	697.87	0.0361%
90	22.783		0.0000	0.0000%	576.9	0.005%	BB	0.062	155.86	0.0081%
91	22.971		0.0000	0.0000%	1,661.4	0.016%	BB	0.091	305.34	0.0158%
92	23.086		0.0000	0.0000%	825.8	0.008%	BB	0.074	185.50	0.0096%
93	23.265		0.0000	0.0000%	334.0	0.003%	BB	0.057	97.55	0.0050%
94	23.452		0.0000	0.0000%	1,079.1	0.010%	BB	0.083	215.97	0.0112%
95	24.111		0.0000	0.0000%	7,941.5	0.075%	BB	0.101	1,314.49	0.0680%
96	24.412		0.0000	0.0000%	7,740.4	0.073%	BB	0.143	900.11	0.0465%
97	24.980	DCB	1.0396	2.5502%	1,118,763.3	10.511%	BB	0.095	195,881.47	10.1291%

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98	26.226		0.0000	0.0000%	8,468.6	0.080%	BB	0.086	1,641.19	0.0849%	
99	26.541		0.0000	0.0000%	6,140.4	0.058%	BB	0.114	895.52	0.0463%	

otal area = 1.064346E+07 Total amount = 40.76496 Sample units = ug/mL Total height = 1933849

********** PESTICIDE/PCB ANALYSIS **********
*
* TODAY'S DATE....09-20-1994 TIME.....08:19:45
* RAW DATA FILE NAME..H:\CP2\HP7\G0919.17R
* SAMPLE NAME.....1.0 PPM TCLP PEST 1000684 CONTINUING CHECK STD
* DATE TAKEN..Sep 19, 1994 20:04:54
* METHOD FILE.....H:\CP2\HP7\HP78080.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLP21.CAL
* INSTRUMENT..... HP7--DET 7A OPERATOR.... DC
* RUN TIME..... 30
* AREA REJECT..... 0 COM PORT.... 5
* SAMPLE WEIGHT... 1 DIL Factor.. 1
* Amount Injected 1 Int Std Amt . 1
****

********** PEAKS DETECTED IN THIS CHROMATOGRAM **********

Peak #	Ret Time (min)	Peak Area	Peak Name	%D	CF
18	5.006	957884	m-XYLENE	-2.10	978461
24	7.812	1356305	g-BHC	28.63	1054391
32	10.418	1164494	Heptachlor	58.89	732907
43	12.866	45282	CHLOR #1	35.55	33407
44	13.119	1171915	Hept. Epox	21.72	962795
45	13.497	23001	CHLOR #2	95.32	11776
48	13.952	153798	CHLOR #3	35.97	113114
50	14.479	120044	CHLOR #4	46.04	82198
51	14.645	129682	CHLOR #5	44.56	89706
56	15.939	1035105	Endrin	50.41	688171
57	16.262	62732	TOX #1	403.39	12462
59	16.741	137876	TOX #2	214.31	43867
64	17.711	57564	TOX #3	405.30	11392
67	18.185	43648	TOX #4	420.80	8381
70	18.843	132769	TOX #5	374.63	27973
75	19.873	538386	METHOXYCHL	139.08	225189
97	24.980	1118763	DCB	3.96	1076164

Checked by _____ Date 9-20-94

Confirmation Only

********** PESTICIDE/PCB ANALYSIS **********
*
* TODAY'S DATE....09-20-1994 TIME.....08:20:23
* RAW DATA FILE NAME..H:\CP2\HP7\G0919.17R
* SAMPLE NAME.....1.0 PPM TCLP PEST 1000684 CONTINUING CHECK STD
* DATE TAKEN..Sep 19, 1994 20:04:54
* METHOD FILE.....H:\CP2\HP7\HP78080.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLP21.CAL
* INSTRUMENT..... HP7--DET 7A OPERATOR.... DC
* RUN TIME..... 30
* AREA REJECT..... 0 COM PORT.... 5
* SAMPLE WEIGHT... 1 DIL Factor.. 1
* Amount Injected 1 Int Std Amt . 1
****

********** PEAKS DETECTED IN THIS CHROMATOGRAM **********

Peak #	Ret Time (min)	Peak Area	Peak Name	%D	CF
18	5.006	957884	m-XYLENE	-51.05	978461
24	7.812	1356305	g-BHC	-35.68	1054391
32	10.418	1164494	Heptachlor	-20.56	732907
43	12.866	45282	CHLOR #1	-32.23	33407
44	13.119	1171915	Hept. Epox	-39.14	962795
45	13.497	23001	CHLOR #2	-2.34	11776
48	13.952	153798	CHLOR #3	-32.02	113114
50	14.479	120044	CHLOR #4	-26.98	82198
51	14.645	129682	CHLOR #5	-27.72	89706
56	15.939	1035105	Endrin	-24.79	688171
57	16.262	62732	TOX #1	151.69	12462
59	16.741	137876	TOX #2	57.15	43867
64	17.711	57564	TOX #3	152.65	11392
67	18.185	43648	TOX #4	160.40	8381
70	18.843	132769	TOX #5	137.32	27973
75	19.873	538386	METHOXYCHL	19.54	225189
97	24.980	1118763	DCB	-48.02	1076164

Checked by GH Date 9-20-94

FOR TOX ONLY

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50137

1D
TCLP PESTICIDE ORGANIC ANALYSIS

Customer Sample No.

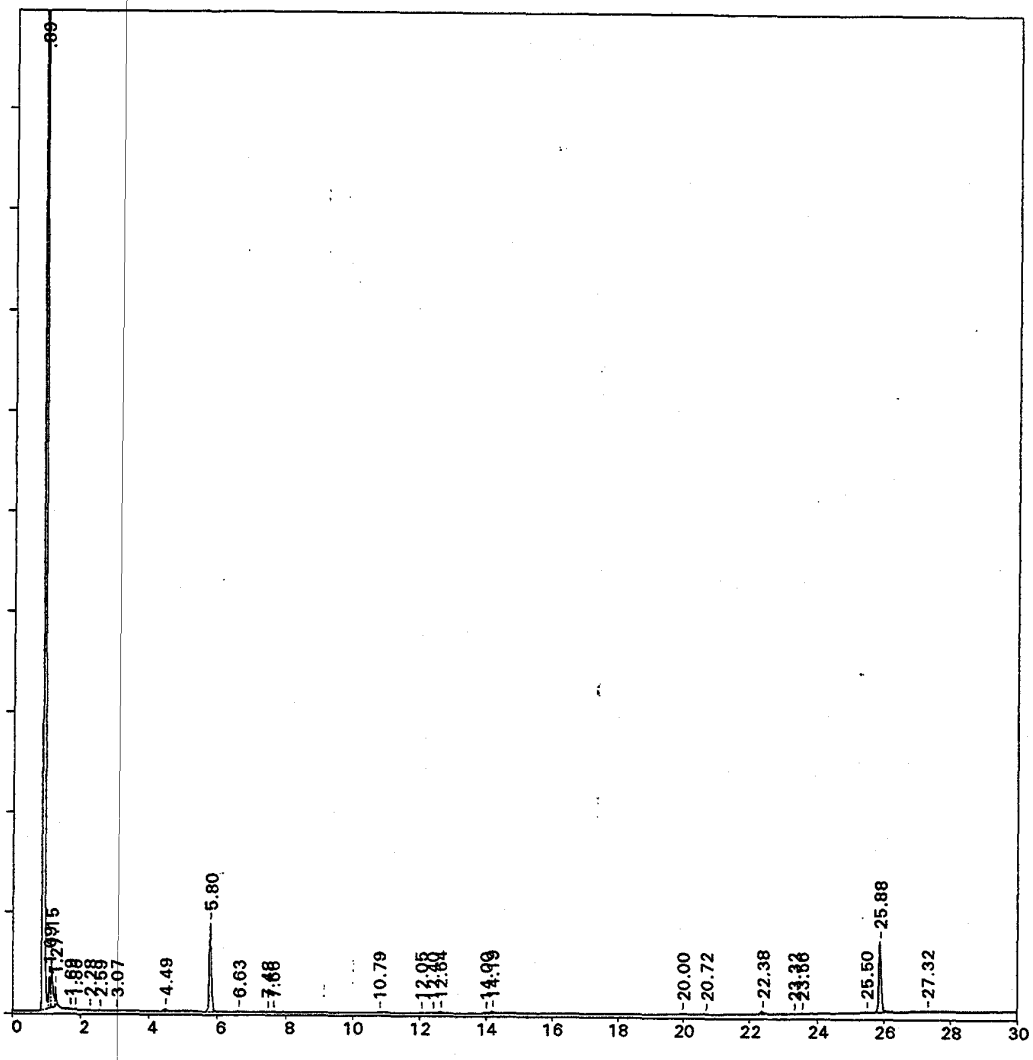
Lab Name: ARDL, Inc. Contract: ANNETTE ISLAND
Lab Code: _____ Case No.: 9883 SAS No.: _____ SDG No.:

Matrix(soil/water) : TCLP Lab Sample ID : 9883-B4010
Sample(wt/vol) : 1000 (g/mL) mL Lab File ID :
Level(low/med) : LOW Date Received :
% Moisture(not dec): --- Date Extracted : 09/16/94
Extraction(Sepf/Conc/Sonc) SEPF Date Analyzed : 09/19/94
GPC Cleanup (Y/N): N pH: --- Dilution Factor: 1.0
Final Extraction Volume: 10 mL

Cas No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
58-89-9	gamma-BHC(Lindane)	1.0	U
76-44-8	Heptachlor	1.0	U
1024-57-3	Heptachlor Epoxide	1.0	U
72-20-8	Endrin	1.0	U
72-43-5	Methoxychlor	1.8	U
57-74-9	Chlordane	1.0	U
8001-35-2	Toxaphene	2.4	U

FORM I PEST 1/87 Rev.

File=H:\CP2\HP7\G0919B.09R Date printed=09-19-1994 Time= 15:38:29
Sample Name=84010 BLK 1
0.0 to 30.0 min. Low Y=-0.995 High Y=199.005 mv Span=200.0



Primary Column

50139

RTx1701
150C---6/MIN---275C
Data file = H:\CP2\HP7\G0919B.09R
Date stamp = 09/19/94 Time = 15:38:08
Sample name = B4010 BLK 1
Collected on Sep 19, 1994 15:38:08 from port # 6
Operator = DC
Sequence file = HP70919.SEQ #10
Instrument = HP7--DetB
Method name = H:\CP2\HP7\HP78080B.MET version # 185
Date method last modified = 09/19/94 Time = 13:24:06
Calibration file = H:\CP2\HP7\HP7TLB21.CAL version # 4
Date cal file last modified = 09/19/94 Time = 12:04:12
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .03 minutes
Chrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 15:38:36

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.888		0.0000	0.0000%	1,179,764.3	83.378%	BV	0.062	318,954.06	85.2695%
2	1.087		0.0000	0.0000%	18,992.1	1.342%	VV	0.050	6,271.79	1.6767%
3	1.146		0.0000	0.0000%	32,671.1	2.309%	VV	0.055	9,876.34	2.6404%
4	1.267		0.0000	0.0000%	10,378.6	0.733%	VB	0.046	3,778.27	1.0101%
5	1.693		0.0000	0.0000%	739.9	0.052%	BB	0.099	124.39	0.0333%
6	1.856		0.0000	0.0000%	413.6	0.029%	BB	0.044	156.17	0.0418%
7	2.282		0.0000	0.0000%	447.2	0.032%	BB	0.049	152.68	0.0408%
8	2.590		0.0000	0.0000%	447.8	0.032%	BB	0.058	128.53	0.0344%
9	3.073		0.0000	0.0000%	188.7	0.013%	BB	0.053	59.47	0.0159%
10	4.487		0.0000	0.0000%	2,256.2	0.159%	BB	0.085	444.34	0.1188%
11	5.803	m-XYLENE	0.1096	53.1417%	82,610.2	5.838%	BV	0.078	17,612.08	4.7084%
12	6.635		0.0000	0.0000%	915.7	0.065%	VB	0.111	138.07	0.0369%
13	7.478		0.0000	0.0000%	482.7	0.034%	BV	0.087	92.44	0.0247%
14	7.655		0.0000	0.0000%	922.6	0.065%	VB	0.080	193.26	0.0517%
15	10.793		0.0000	0.0000%	194.6	0.014%	BB	0.065	50.03	0.0134%
16	12.052		0.0000	0.0000%	1,500.8	0.106%	BV	0.455	54.95	0.0147%
17	12.396		0.0000	0.0000%	519.4	0.037%	VV	0.139	62.35	0.0167%
18	12.637		0.0000	0.0000%	1,395.9	0.099%	VB	0.081	286.05	0.0765%
19	14.002		0.0000	0.0000%	1,133.4	0.080%	BV	0.082	230.13	0.0615%
20	14.193		0.0000	0.0000%	2,410.0	0.170%	VB	0.088	457.57	0.1223%
21	19.995		0.0000	0.0000%	840.6	0.059%	BB	0.141	99.71	0.0267%
22	20.717		0.0000	0.0000%	300.7	0.021%	BB	0.077	65.30	0.0175%
23	22.383		0.0000	0.0000%	3,012.2	0.213%	BB	0.097	517.55	0.1384%
24	23.318		0.0000	0.0000%	212.5	0.015%	BB	0.079	44.87	0.0120%
25	23.558		0.0000	0.0000%	298.3	0.021%	BB	0.109	45.45	0.0121%
26	25.498		0.0000	0.0000%	385.1	0.027%	BB	0.077	83.16	0.0222%
27	25.885	DCB	0.0966	46.8583%	71,000.6	5.018%	BB	0.085	13,977.67	3.7368%
28	27.318		0.0000	0.0000%	528.2	0.037%	BB	0.090	97.56	0.0261%

Total area = 1414963 Total amount = .2062275 Sample units = ug/mL Total height = 374054.2

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**********************   PESTICIDE/PCB ANALYSIS   *******************
*
* TODAY'S DATE....09-20-1994          TIME.....08:16:43
* RAW DATA FILE NAME..H:\CP2\HP7\G0919B.09R
* SAMPLE NAME.....B4010 BLK 1
* DATE TAKEN..Sep 19, 1994  15:38:08
* METHOD FILE.....H:\CP2\HP7\HP78080B.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLB21.CAL
* INSTRUMENT...... HP7--DetB                  OPERATOR.... DC
* RUN TIME........ 30
* AREA REJECT..... 0                COM PORT....  6
* SAMPLE WEIGHT... 1                DIL Factor.. 1
* Amount Injected  1                Int Std Amt . 1
**********************************************************************

******************** PEAKS DETECTED IN THIS CHROMATOGRAM *************
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Peak #	Ret Time (min)	Peak Area	Peak Name	RESPONSE UG/ML	Surrogate % Recovery	AMOUNT UG/L	CF
11	5.803	82610	m-XYLENE	0.1096	109.59	1.0959	753792
27	25.885	71001	DCB	0.0966	96.63	0.9663	734731

Checked by [signature] Date ~~9-19-94~~ 9-20-94 Datard [signature] Date 9-20-94

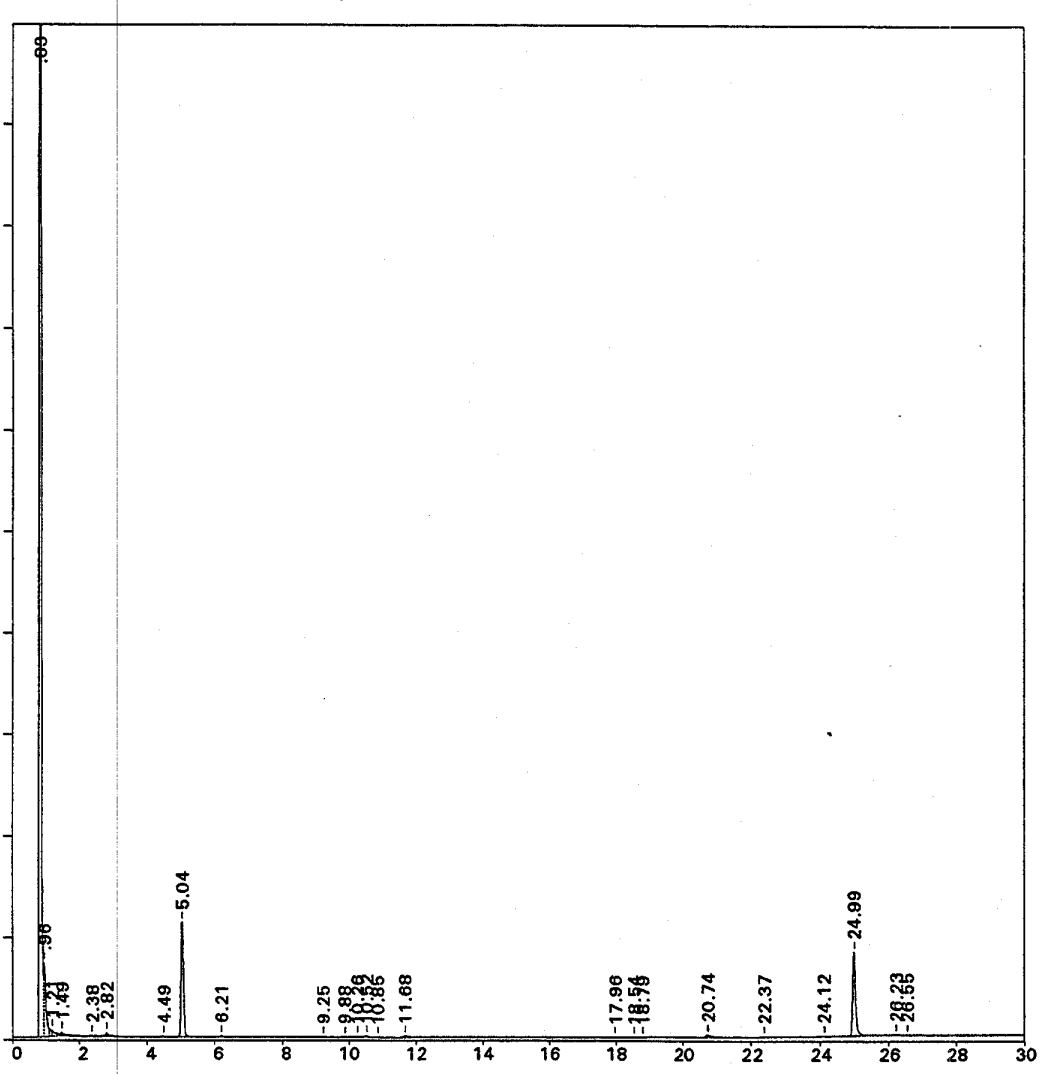
____<CRL

_____NOT CONFIRM

PRIMARY COLUMN

50141

File=H:\CP2\HP7\G0919.09R Date printed=09-19-1994 Time= 15:38:11
Sample Name=M4010 BLK 1
0.0 to 30.0 min. Low Y=-0.846 High Y=199.154 mv Span=200.0



Confirmation Only

50142

RTx5
150C---6/MIN---275C
Data file = H:\CP2\HP7\G0919.09R
Date stamp = 09/19/94 Time = 15:38:08
Sample name = B4010 BLK 1
Collected on Sep 19, 1994 15:38:08 from port # 5
Operator = DC
Sequence file = HP70919.SEQ #10
Instrument = HP7--DET 7A
Method name = H:\CP2\HP7\HP78080.MET version # 52
Date method last modified = 09/19/94 Time = 13:23:44
Calibration file = H:\CP2\HP7\HP7TLP21.CAL version # 3
Date cal file last modified = 09/19/94 Time = 13:05:18
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .02 minutes
Chrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 15:38:18

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.830		0.0000	0.0000%	1,592,183.0	83.611%	BV	0.066	399,978.13	87.1525%
2	0.963		0.0000	0.0000%	65,255.4	3.427%	VV	0.075	14,535.43	3.1672%
3	1.206		0.0000	0.0000%	8,606.9	0.452%	VV	0.116	1,231.61	0.2684%
4	1.491		0.0000	0.0000%	3,070.9	0.161%	VB	0.082	627.67	0.1368%
5	2.380		0.0000	0.0000%	506.9	0.027%	BB	0.051	166.42	0.0363%
6	2.815		0.0000	0.0000%	4,246.9	0.223%	BB	0.096	738.11	0.1608%
7	4.488		0.0000	0.0000%	767.3	0.040%	BB	0.113	113.28	0.0247%
8	5.043	m-XYLENE	0.1136	40.6418%	111,179.4	5.838%	BB	0.082	22,549.27	4.9133%
9	6.214		0.0000	0.0000%	1,184.1	0.062%	BB	0.083	237.57	0.0518%
10	9.246		0.0000	0.0000%	332.2	0.017%	BB	0.079	70.19	0.0153%
11	9.875		0.0000	0.0000%	548.0	0.029%	BV	0.135	67.42	0.0147%
12	10.255		0.0000	0.0000%	1,281.4	0.067%	VV	0.122	174.81	0.0381%
13	10.522		0.0000	0.0000%	1,868.7	0.098%	VV	0.090	346.73	0.0756%
14	10.852		0.0000	0.0000%	447.4	0.023%	VB	0.102	73.06	0.0159%
15	11.678		0.0000	0.0000%	3,265.1	0.171%	BB	0.167	325.86	0.0710%
16	17.964		0.0000	0.0000%	777.9	0.041%	BV	0.162	79.85	0.0174%
17	18.538		0.0000	0.0000%	520.6	0.027%	VB	0.083	104.23	0.0227%
18	18.793	TOX #5	0.0734	26.2622%	2,053.9	0.108%	BB	0.285	120.20	0.0262%
19	20.739		0.0000	0.0000%	4,640.7	0.244%	BB	0.168	459.50	0.1001%
20	22.372		0.0000	0.0000%	261.8	0.014%	BB	0.080	54.32	0.0118%
21	24.121		0.0000	0.0000%	608.4	0.032%	BB	0.090	112.55	0.0245%
22	24.994	DCB	0.0925	33.0959%	99,577.4	5.229%	BB	0.100	16,582.47	3.6132%
23	26.234		0.0000	0.0000%	656.8	0.034%	BB	0.087	125.28	0.0273%
24	26.547		0.0000	0.0000%	438.5	0.023%	BB	0.110	66.49	0.0145%

Total area = 1904279 Total amount = .2795809 Sample units = ug/mL Total height = 458940.4

```
**********************   PESTICIDE/PCB ANALYSIS   ********************
*
* TODAY'S DATE....09-20-1994          TIME.....08:18:14
* RAW DATA FILE NAME..H:\CP2\HP7\G0919.09R
* SAMPLE NAME.....B4010 BLK 1
* DATE TAKEN..Sep 19, 1994  15:38:08
* METHOD FILE.....H:\CP2\HP7\HP78080.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLP21.CAL
* INSTRUMENT..... HP7--DET 7A                OPERATOR.... DC
* RUN TIME........ 30
* AREA REJECT..... 0                COM PORT....  5
* SAMPLE WEIGHT... 1                DIL Factor.. 1
* Amount Injected  1                Int Std Amt . 1
*******************************************************************
```

********** PEAKS DETECTED IN THIS CHROMATOGRAM **********

Peak #	Ret Time (min)	Peak Area	Peak Name	RESPONSE UG/ML	Surrogate % Recovery	AMOUNT UG/L	CF
8	5.043	111179	m-XYLENE	0.1136	113.63	1.1363	978461
18	18.793	2054	TOX #5	0.0734	73.42	0.7342	27973
22	24.994	99577	DCB	0.0925	92.53	0.9253	1076164

Checked by [signature] Date 9-20-94 Datard [signature] Date 9-20-94

____<CRL

_____NOT CONFIRM

CONFIRMATION COLUMN

1D
TCLP PESTICIDE ORGANIC ANALYSIS

Customer Sample No.

ANN94TR00201MSD

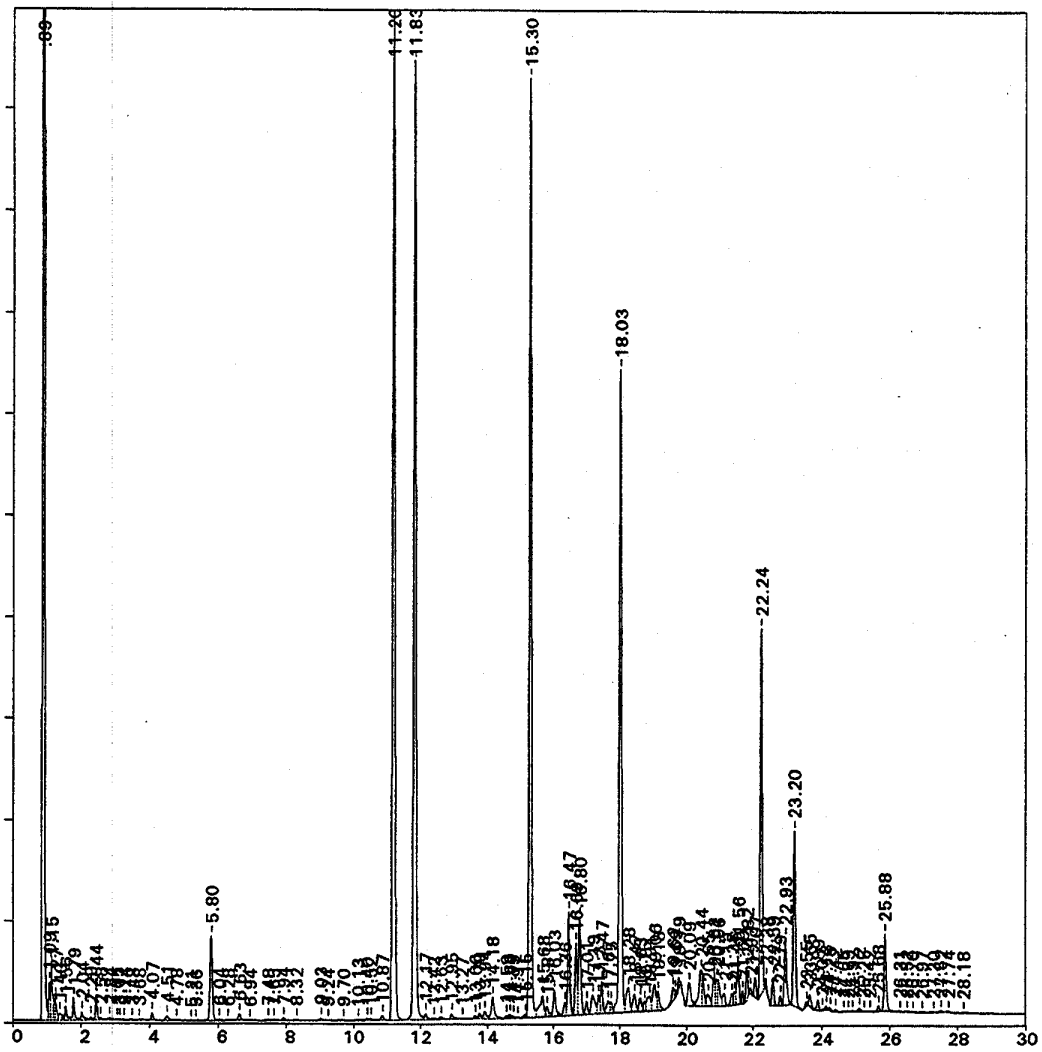
Lab Name: ARDL, Inc. Contract: ANNETTE ISLAND
Lab Code: _____ Case No.: 9883 SAS No.: _____ SDG No.:

Matrix(soil/water) : TCLP Lab Sample ID : 9883-2MSD
Sample(wt/vol) : 1000 (g/mL) mL Lab File ID :
Level(low/med) : LOW Date Received : 09/16/94
% Moisture(not dec): --- Date Extracted : 09/16/94
Extraction(Sepf/Conc/Sonc) SEPF Date Analyzed : 09/19/94
GPC Cleanup (Y/N): N pH: --- Dilution Factor: 1.0
Final Extraction Volume: 10 mL

Cas No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
58-89-9	gamma-BHC(Lindane)	10	
76-44-8	Heptachlor	11	
1024-57-3	Heptachlor Epoxide	11	
72-20-8	Endrin	9.8	
72-43-5	Methoxychlor	14	
57-74-9	Chlordane	10	
8001-35-2	Toxaphene	23	

FORM I PEST 1/87 Rev.

File=H:\CP2\HP7\G0919B.13R Date printed=09-19-1994 Time= 17:52:06
Sample Name=9883-2MS ANN94TR00201MS
0.0 to 30.0 min. Low Y=-0.686 High Y=199.314 mv Span=200.0



Primary Column

50146

RTx1701
150C---6/MIN---275C
Data file = H:\CP2\HP7\G0919B.13R
Date stamp = 09/19/94 Time = 17:51:38
Sample name = 9883-2MS ANN94TR00201MS
Collected on Sep 19, 1994 17:51:39 from port # 6
Operator = DC
Sequence file = HP70919.SEQ #14
Instrument = HP7--DetB
Method name = H:\CP2\HP7\HP78080B.MET version # 185
Date method last modified = 09/19/94 Time = 13:24:06
Calibration file = H:\CP2\HP7\HP7TLB21.CAL version # 4
Date cal file last modified = 09/19/94 Time = 12:04:12
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .03 minutes
Chrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 17:52:15

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.888		0.0000	0.0000%	1,300,382.4	19.560%	BV	0.062	348,633.25	23.4444%
2	1.087		0.0000	0.0000%	23,851.1	0.359%	VV	0.053	7,502.20	0.5045%
3	1.146		0.0000	0.0000%	32,678.1	0.492%	VV	0.052	10,545.20	0.7091%
4	1.268		0.0000	0.0000%	13,970.0	0.210%	VV	0.054	4,276.71	0.2876%
5	1.398		0.0000	0.0000%	7,725.7	0.116%	VV	0.097	1,323.81	0.0890%
6	1.561		0.0000	0.0000%	9,269.9	0.139%	VV	0.059	2,627.63	0.1767%
7	1.795		0.0000	0.0000%	16,476.5	0.248%	VV	0.063	4,347.56	0.2924%
8	2.037		0.0000	0.0000%	7,025.7	0.106%	VV	0.075	1,555.06	0.1046%
9	2.286		0.0000	0.0000%	2,423.7	0.036%	VV	0.068	593.34	0.0399%
10	2.441		0.0000	0.0000%	16,119.2	0.242%	VV	0.054	4,961.14	0.3336%
11	2.577		0.0000	0.0000%	2,406.0	0.036%	VV	0.077	524.14	0.0352%
12	2.836		0.0000	0.0000%	2,999.1	0.045%	VV	0.091	550.22	0.0370%
13	3.045		0.0000	0.0000%	1,486.7	0.022%	VV	0.096	257.31	0.0173%
14	3.121		0.0000	0.0000%	1,361.0	0.020%	VV	0.071	317.47	0.0213%
15	3.236		0.0000	0.0000%	1,101.5	0.017%	VB	0.065	280.62	0.0189%
16	3.478		0.0000	0.0000%	1,070.4	0.016%	BB	0.087	205.36	0.0138%
17	3.683		0.0000	0.0000%	302.3	0.005%	BB	0.045	112.17	0.0075%
18	4.071		0.0000	0.0000%	5,425.5	0.082%	BB	0.064	1,409.85	0.0948%
19	4.506		0.0000	0.0000%	6,639.2	0.100%	BV	0.126	879.05	0.0591%
20	4.777		0.0000	0.0000%	1,779.2	0.027%	VV	0.126	235.92	0.0159%
21	5.212		0.0000	0.0000%	391.4	0.006%	VB	0.080	81.38	0.0055%
22	5.358		0.0000	0.0000%	548.0	0.008%	BV	0.097	94.18	0.0063%
23	5.802	m-XYLENE	0.1038	0.4548%	78,257.1	1.177%	VV	0.078	16,672.76	1.1212%
24	6.036		0.0000	0.0000%	1,551.6	0.023%	VB	0.094	274.13	0.0184%
25	6.282		0.0000	0.0000%	537.3	0.008%	BB	0.070	127.82	0.0086%
26	6.634		0.0000	0.0000%	6,486.1	0.098%	BV	0.088	1,221.84	0.0822%
27	6.940		0.0000	0.0000%	548.3	0.008%	VB	0.106	86.11	0.0058%
28	7.478		0.0000	0.0000%	1,548.7	0.023%	BV	0.108	239.85	0.0161%
29	7.653		0.0000	0.0000%	1,021.8	0.015%	VB	0.077	220.15	0.0148%
30	7.936		0.0000	0.0000%	2,888.3	0.043%	BV	0.087	551.49	0.0371%
31	8.315		0.0000	0.0000%	1,270.0	0.019%	VB	0.084	253.12	0.0170%
32	9.033		0.0000	0.0000%	2,633.3	0.040%	BV	0.099	444.33	0.0299%
33	9.241		0.0000	0.0000%	551.9	0.008%	VB	0.076	120.53	0.0081%
34	9.700		0.0000	0.0000%	832.0	0.013%	BB	0.113	123.21	0.0083%
35	10.126		0.0000	0.0000%	1,156.7	0.017%	BV	0.096	201.56	0.0136%
36	10.403		0.0000	0.0000%	1,824.7	0.027%	VV	0.084	361.49	0.0243%
37	10.519		0.0000	0.0000%	1,790.0	0.027%	VB	0.088	339.26	0.0228%

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38	10.866		0.0000	0.0000%	4,344.7	0.065%	BB	0.083	872.75	0.0587%
39	11.195	g-BHC	1.0173	4.4569%	1,015,086.5	15.269%	BV	0.075	224,367.17	15.0880%
40	11.832	Heptachlor	1.1276	4.9399%	913,707.1	13.744%	VV	0.081	189,159.45	12.7204%
41	12.175		0.0000	0.0000%	6,316.7	0.095%	VV	0.095	1,103.96	0.0742%
42	12.419		0.0000	0.0000%	1,790.0	0.027%	VV	0.124	240.02	0.0161%
43	12.634		0.0000	0.0000%	2,938.5	0.044%	VB	0.102	479.86	0.0323%
44	12.952		0.0000	0.0000%	4,492.2	0.068%	BV	0.080	937.76	0.0631%
45	13.266		0.0000	0.0000%	809.5	0.012%	VB	0.077	175.82	0.0118%
46	13.662		0.0000	0.0000%	2,694.7	0.041%	BV	0.073	611.59	0.0411%
47	13.787		0.0000	0.0000%	4,554.3	0.069%	VV	0.074	1,020.57	0.0686%
48	13.944		0.0000	0.0000%	8,506.6	0.128%	VV	0.102	1,388.15	0.0933%
49	14.180		0.0000	0.0000%	28,140.2	0.423%	VB	0.113	4,141.50	0.2785%
50	14.594		0.0000	0.0000%	2,507.9	0.038%	BV	0.078	538.00	0.0362%
51	14.687		0.0000	0.0000%	3,335.2	0.050%	VV	0.081	687.21	0.0462%
52	14.791		0.0000	0.0000%	1,490.2	0.022%	VV	0.067	368.29	0.0248%
53	14.906		0.0000	0.0000%	520.1	0.008%	VB	0.061	143.21	0.0096%
54	15.149		0.0000	0.0000%	2,711.5	0.041%	BV	0.071	639.78	0.0430%
55	15.303	Hept. Epox.	1.0772	4.7195%	863,976.3	12.996%	VV	0.078	185,045.25	12.4437%
56	15.680		0.0000	0.0000%	36,622.7	0.551%	VV	0.153	4,001.38	0.2691%
57	15.812		0.0000	0.0000%	9,555.8	0.144%	VV	0.085	1,876.67	0.1262%
58	16.034	CHLOR #1	1.0489	4.5952%	25,071.0	0.377%	VV	0.084	4,973.01	0.3344%
59	16.357		0.0000	0.0000%	11,693.6	0.176%	VV	0.080	2,424.15	0.1630%
60	16.472	CHLOR #2	1.0142	4.4434%	92,415.1	1.390%	VV	0.076	20,383.93	1.3708%
61	16.686	CHLOR #3	1.0200	4.4686%	60,780.4	0.914%	VV	0.072	14,138.38	0.9508%
62	16.800	CHLOR #4	1.0181	4.4603%	89,822.6	1.351%	VV	0.078	19,142.86	1.2873%
63	17.007		0.0000	0.0000%	12,411.5	0.187%	VV	0.084	2,461.67	0.1655%
64	17.190		0.0000	0.0000%	28,807.0	0.433%	VV	0.131	3,663.66	0.2464%
65	17.374		0.0000	0.0000%	15,422.2	0.232%	VV	0.071	3,615.39	0.2431%
66	17.468	CHLOR #5	1.0508	4.6035%	27,023.1	0.406%	VV	0.072	6,290.15	0.4230%
67	17.665		0.0000	0.0000%	15,037.5	0.226%	VV	0.107	2,333.73	0.1569%
68	17.746		0.0000	0.0000%	9,420.4	0.142%	VV	0.073	2,157.85	0.1451%
69	18.027	Endrin	0.9098	3.9858%	608,842.5	9.158%	VV	0.080	126,877.62	8.5321%
70	18.280		0.0000	0.0000%	36,674.0	0.552%	VV	0.129	4,749.72	0.3194%
71	18.467	TOX #1	2.1086	9.2378%	22,751.1	0.342%	VV	0.111	3,423.54	0.2302%
72	18.634		0.0000	0.0000%	13,141.8	0.198%	VV	0.082	2,655.45	0.1786%
73	18.753		0.0000	0.0000%	8,769.2	0.132%	VV	0.076	1,931.71	0.1299%
74	18.910		0.0000	0.0000%	24,544.2	0.369%	VV	0.140	2,923.59	0.1966%
75	19.062	TOX #2	2.3033	10.0910%	35,496.0	0.534%	VV	0.114	5,178.96	0.3483%
76	19.175		0.0000	0.0000%	21,032.6	0.316%	VB	0.095	3,690.84	0.2482%
77	19.617		0.0000	0.0000%	11,174.9	0.168%	BV	0.079	2,359.70	0.1587%
78	19.687		0.0000	0.0000%	3,475.7	0.052%	VB	0.049	1,179.24	0.0793%
79	19.787		0.0000	0.0000%	5,310.9	0.080%	BB	0.048	1,832.66	0.1232%
80	20.093	TOX #3	2.3656	10.3637%	30,065.9	0.452%	BV	0.108	4,654.03	0.3130%
81	20.445		0.0000	0.0000%	41,150.4	0.619%	VV	0.095	7,253.22	0.4878%
82	20.654		0.0000	0.0000%	16,975.3	0.255%	VV	0.119	2,369.45	0.1593%
83	20.825		0.0000	0.0000%	26,236.7	0.395%	VV	0.079	5,523.18	0.3714%
84	20.907		0.0000	0.0000%	22,670.9	0.341%	VV	0.068	5,569.30	0.3745%
85	20.965		0.0000	0.0000%	28,093.7	0.423%	VV	0.085	5,507.73	0.3704%
86	21.146		0.0000	0.0000%	15,691.0	0.236%	VB	0.102	2,552.94	0.1717%
87	21.384		0.0000	0.0000%	11,584.8	0.174%	BV	0.085	2,284.37	0.1536%
88	21.456		0.0000	0.0000%	9,865.4	0.148%	VV	0.064	2,556.02	0.1719%
89	21.560		0.0000	0.0000%	43,562.8	0.655%	VV	0.079	9,191.26	0.6181%
90	21.694		0.0000	0.0000%	8,269.0	0.124%	VB	0.056	2,462.54	0.1656%
91	21.819	TOX #4	2.4369	10.6763%	21,008.4	0.316%	BB	0.060	5,803.00	0.3902%
92	21.930		0.0000	0.0000%	4,853.2	0.073%	BB	0.061	1,333.90	0.0897%
93	22.070	TOX #5	2.7007	11.8318%	16,760.1	0.252%	BB	0.068	4,117.92	0.2769%
94	22.241	METHOXYCHLOR	1.4195	6.2188%	309,574.5	4.657%	BB	0.072	72,155.57	4.8522%
95	22.380		0.0000	0.0000%	9,304.3	0.140%	BB	0.057	2,724.45	0.1832%
96	22.587		0.0000	0.0000%	23,100.6	0.347%	BB	0.069	5,610.67	0.3773%
97	22.787		0.0000	0.0000%	7,826.7	0.118%	BB	0.064	2,022.60	0.1360%

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98	22.930		0.0000	0.0000%	67,851.1	1.021%	BB	0.084	13,444.33	0.9041%	
99	23.198		0.0000	0.0000%	156,781.0	2.358%	BB	0.075	34,699.95	2.3335%	
00	23.547		0.0000	0.0000%	2,764.3	0.042%	BB	0.059	777.22	0.0523%	
01	23.652		0.0000	0.0000%	11,515.4	0.173%	BB	0.082	2,340.65	0.1574%	
02	23.891		0.0000	0.0000%	10,051.4	0.151%	BB	0.077	2,182.20	0.1467%	
03	24.024		0.0000	0.0000%	916.9	0.014%	BB	0.050	306.23	0.0206%	
04	24.135		0.0000	0.0000%	2,685.8	0.040%	BB	0.060	740.18	0.0498%	
05	24.249		0.0000	0.0000%	2,364.1	0.036%	BB	0.072	549.00	0.0369%	
06	24.421		0.0000	0.0000%	2,200.2	0.033%	BB	0.076	481.49	0.0324%	
07	24.652		0.0000	0.0000%	635.0	0.010%	BB	0.059	179.11	0.0120%	
08	24.788		0.0000	0.0000%	735.2	0.011%	BB	0.083	147.90	0.0099%	
09	24.917		0.0000	0.0000%	804.1	0.012%	BB	0.062	217.88	0.0147%	
10	25.122		0.0000	0.0000%	2,976.6	0.045%	BB	0.075	663.56	0.0446%	
11	25.250		0.0000	0.0000%	550.2	0.008%	BB	0.059	155.04	0.0104%	
12	25.417		0.0000	0.0000%	467.2	0.007%	BB	0.081	95.96	0.0065%	
13	25.679		0.0000	0.0000%	4,432.7	0.067%	BB	0.065	1,129.89	0.0760%	
14	25.878	DCB	0.1033	0.4526%	75,904.9	1.142%	BB	0.083	15,257.57	1.0260%	
15	26.309		0.0000	0.0000%	550.6	0.008%	BB	0.074	124.67	0.0084%	
16	26.515		0.0000	0.0000%	807.9	0.012%	BB	0.082	164.14	0.0110%	
17	26.697		0.0000	0.0000%	520.4	0.008%	BB	0.084	103.56	0.0070%	
18	26.972		0.0000	0.0000%	534.4	0.008%	BB	0.099	90.38	0.0061%	
19	27.303		0.0000	0.0000%	931.5	0.014%	BB	0.100	154.57	0.0104%	
20	27.518		0.0000	0.0000%	1,467.9	0.022%	BB	0.075	325.23	0.0219%	
21	27.738		0.0000	0.0000%	1,217.6	0.018%	BB	0.081	250.59	0.0169%	
22	28.182		0.0000	0.0000%	334.1	0.005%	BB	0.111	50.19	0.0034%	

'otal area = 6648142 Total amount = 22.82548 Sample units = ug/mL Total height = 1487061

********** PESTICIDE/PCB ANALYSIS **********

* TODAY'S DATE....09-20-1994 TIME.....08:17:08
* RAW DATA FILE NAME..H:\CP2\HP7\G0919B.13R
* SAMPLE NAME.....9883-2MS ANN94TR00201MS
* DATE TAKEN..Sep 19, 1994 17:51:39
* METHOD FILE.....H:\CP2\HP7\HP78080B.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLB21.CAL
* INSTRUMENT..... HP7--DetB OPERATOR.... DC
* RUN TIME..... 30
* AREA REJECT..... 0 COM PORT.... 6
* SAMPLE WEIGHT... 1 DIL Factor.. 1
* Amount Injected 1 Int Std Amt . 1

********** PEAKS DETECTED IN THIS CHROMATOGRAM **********

Peak #	Ret Time (min)	Peak Area	Peak Name	RESPONSE UG/ML	Surrogate % Recovery	AMOUNT UG/L	CF
23	5.802	78257	m-XYLENE	0.1038	103.82	1.0382	753792
39	11.195	1015087	g-BHC	1.0173	1017.30	10.1730	997823
40	11.832	913707	Heptachlor	1.1276	1127.55	11.2755	810346
55	15.303	863976	Hept. Epox	1.0772	1077.25	10.7725	802023
58	16.034	25071	CHLOR #1	1.0489	1048.91	*10.4891	23902
60	16.472	92415	CHLOR #2	1.0142	1014.24	*10.1424	91118
61	16.686	60780	CHLOR #3	1.0200	1019.99	*10.1999	59589
62	16.800	89823	CHLOR #4	1.0181	1018.10	*10.1810	88226
66	17.468	27023	CHLOR #5	1.0507	1050.74	*10.5074	25718
69	18.027	608843	Endrin	0.9098	909.78	9.0978	669223
71	18.467	22751	TOX #1	2.1085	2108.54	**21.0854	10790
75	19.062	35496	TOX #2	2.3033	2303.29	** 23.0329	15411
80	20.093	30066	TOX #3	2.3655	2365.53	** 23.6553	12710
91	21.819	21008	TOX #4	2.4369	2436.89	** 24.3689	8621
93	22.070	16760	TOX #5	2.7006	2700.64	** 27.0064	6206
94	22.241	309574	METHOXYCHL	1.4195	1419.46	14.1946	218093
114	25.878	75905	DCB	0.1033	103.31	1.0331	734731

Checked by [signature] Date 9-20-94 Datard [signature] Date 9-20-94

____<CRL

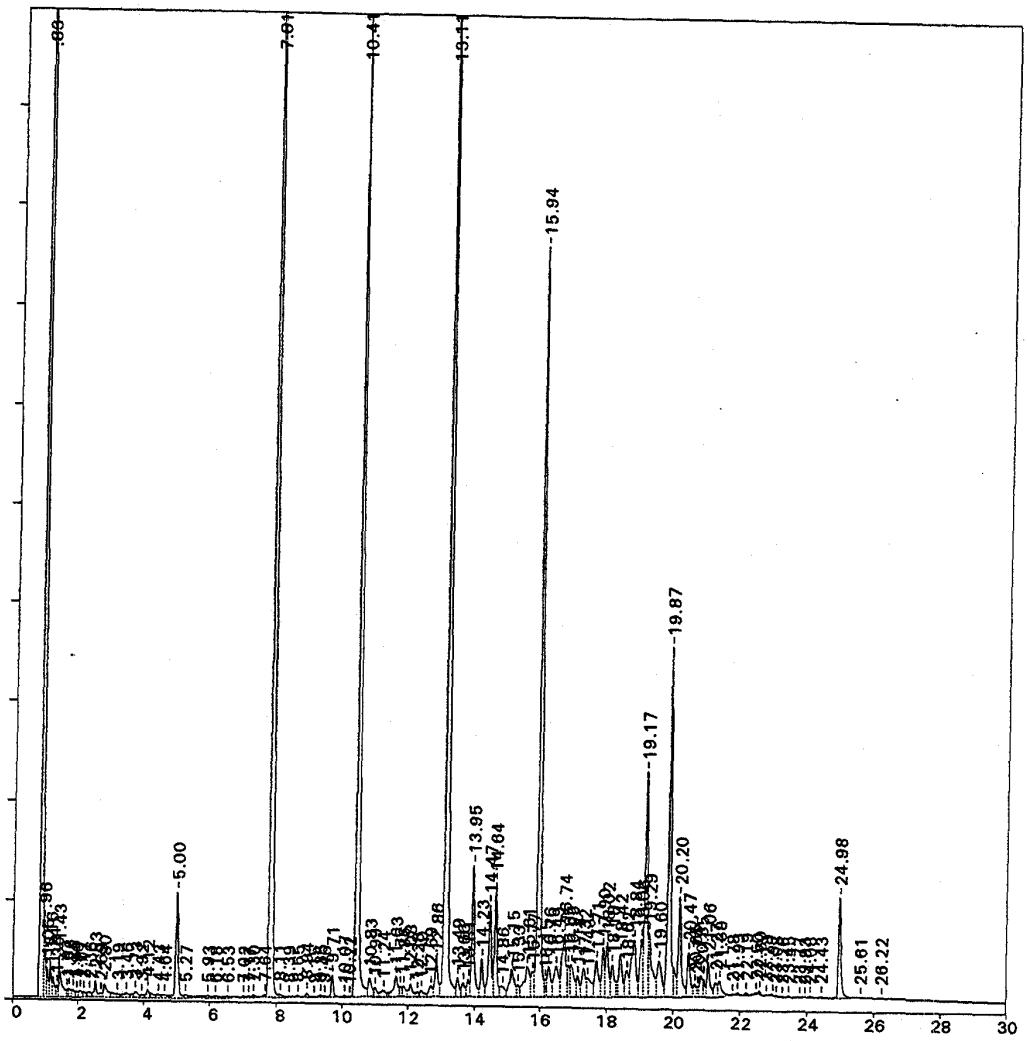
_____NOT CONFIRM

*CHLOR
10.4891
10.1424
10.1999
10.1810
10.5074
51.5198 ÷ 5 = 10.3

PRIMARY COLUMN
**TOX
21.0854
23.0329
23.6553
24.3689
27.0064
119.1489 ÷ 5 = 23.8

50150

File=H:\CP2\HP7\G0919.13R Date printed=09-19-1994 Time= 17:51:43
Sample Name=9883-2MS ANN94TR00201MS
.0 to 30.0 min. Low Y=-0.607 High Y=199.393 mv Span=200.0



Confirmation Only

50151

RTx5
150C---6/MIN---275C
Data file = H:\CP2\HP7\G0919.13R
Date stamp = 09/19/94 Time = 17:51:38
Sample name = 9883-2MS ANN94TR00201MS
Collected on Sep 19, 1994 17:51:39 from port # 5
Operator = DC
Sequence file = HP70919.SEQ #14
Instrument = HP7--DET 7A
Method name = H:\CP2\HP7\HP78080.MET version # 52
Date method last modified = 09/19/94 Time = 13:23:44
Calibration file = H:\CP2\HP7\HP7TLP21.CAL version # 3
Date cal file last modified = 09/19/94 Time = 13:05:18
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .02 minutes
Chrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 17:51:51

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.830		0.0000	0.0000%	1,817,764.0	18.679%	BV	0.067	453,573.31	24.4115%
2	0.961		0.0000	0.0000%	55,405.1	0.569%	VV	0.060	15,410.17	0.8294%
3	1.052		0.0000	0.0000%	22,600.1	0.232%	VV	0.065	5,810.88	0.3127%
4	1.160		0.0000	0.0000%	27,143.5	0.279%	VV	0.062	7,276.74	0.3916%
5	1.244		0.0000	0.0000%	16,454.5	0.169%	VV	0.067	4,072.42	0.2192%
6	1.360		0.0000	0.0000%	8,775.5	0.090%	VV	0.065	2,256.05	0.1214%
7	1.429		0.0000	0.0000%	45,984.4	0.473%	VV	0.087	8,829.19	0.4752%
8	1.666		0.0000	0.0000%	4,361.8	0.045%	VV	0.052	1,406.58	0.0757%
9	1.727		0.0000	0.0000%	9,029.6	0.093%	VV	0.093	1,624.35	0.0874%
10	1.846		0.0000	0.0000%	8,125.3	0.083%	VV	0.090	1,498.80	0.0807%
11	1.958		0.0000	0.0000%	6,072.1	0.062%	VV	0.091	1,114.33	0.0600%
12	2.067		0.0000	0.0000%	8,593.9	0.088%	VV	0.107	1,337.91	0.0720%
13	2.173		0.0000	0.0000%	6,303.7	0.065%	VV	0.101	1,035.33	0.0557%
14	2.356		0.0000	0.0000%	8,013.6	0.082%	VV	0.135	986.05	0.0531%
15	2.526		0.0000	0.0000%	16,008.5	0.165%	VV	0.088	3,038.34	0.1635%
16	2.688		0.0000	0.0000%	4,083.7	0.042%	VV	0.083	817.11	0.0440%
17	2.799		0.0000	0.0000%	20,347.9	0.209%	VV	0.139	2,445.08	0.1316%
18	3.189		0.0000	0.0000%	4,889.4	0.050%	VV	0.118	690.22	0.0371%
19	3.463		0.0000	0.0000%	9,225.8	0.095%	VV	0.189	814.14	0.0438%
20	3.731		0.0000	0.0000%	8,149.5	0.084%	VV	0.133	1,019.00	0.0548%
21	3.921		0.0000	0.0000%	3,634.1	0.037%	VV	0.121	500.21	0.0269%
22	4.118		0.0000	0.0000%	8,994.9	0.092%	VV	0.102	1,476.90	0.0795%
23	4.435		0.0000	0.0000%	3,811.2	0.039%	VV	0.115	551.11	0.0297%
24	4.637		0.0000	0.0000%	4,197.4	0.043%	VV	0.185	378.50	0.0204%
25	5.002	m-XYLENE	0.1084	0.3213%	106,023.5	1.090%	VV	0.083	21,171.02	1.1394%
26	5.272		0.0000	0.0000%	4,488.0	0.046%	VV	0.167	447.86	0.0241%
27	5.933		0.0000	0.0000%	5,358.2	0.055%	VV	0.254	351.53	0.0189%
28	6.179		0.0000	0.0000%	2,306.6	0.024%	VV	0.141	272.83	0.0147%
29	6.533		0.0000	0.0000%	1,902.6	0.020%	VB	0.157	202.42	0.0109%
30	7.018		0.0000	0.0000%	1,600.6	0.016%	BV	0.090	297.36	0.0160%
31	7.167		0.0000	0.0000%	1,590.9	0.016%	VV	0.089	297.38	0.0160%
32	7.303		0.0000	0.0000%	3,411.4	0.035%	VV	0.119	479.00	0.0258%
33	7.640		0.0000	0.0000%	2,987.9	0.031%	VV	0.105	475.30	0.0256%
34	7.806	g-BHC	1.2971	3.8459%	1,367,650.4	14.054%	VV	0.085	268,978.81	14.4766%
35	8.106		0.0000	0.0000%	5,304.9	0.055%	VV	0.146	604.69	0.0325%
36	8.387		0.0000	0.0000%	1,611.6	0.017%	VV	0.118	227.54	0.0122%
37	8.652		0.0000	0.0000%	1,843.2	0.019%	VB	0.091	339.00	0.0182%

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38	8.937		0.0000	0.0000%	5,046.4	0.052%	BV	0.093	901.79	0.0485%
39	9.153		0.0000	0.0000%	788.9	0.008%	VV	0.085	153.83	0.0083%
40	9.345		0.0000	0.0000%	2,465.6	0.025%	VV	0.084	490.32	0.0264%
41	9.464		0.0000	0.0000%	1,126.1	0.012%	VV	0.088	214.35	0.0115%
42	9.705		0.0000	0.0000%	19,902.8	0.205%	VV	0.078	4,267.20	0.2297%
43	10.065		0.0000	0.0000%	1,855.1	0.019%	VB	0.078	395.46	0.0213%
44	10.224		0.0000	0.0000%	892.2	0.009%	BV	0.090	165.31	0.0089%
45	10.414	Heptachlor	1.4906	4.4197%	1,092,502.4	11.227%	VV	0.090	203,379.66	10.9460%
46	10.827		0.0000	0.0000%	26,999.1	0.277%	VV	0.121	3,723.88	0.2004%
47	10.992		0.0000	0.0000%	13,834.7	0.142%	VV	0.124	1,852.63	0.0997%
48	11.244		0.0000	0.0000%	12,933.6	0.133%	VV	0.177	1,218.11	0.0656%
49	11.629		0.0000	0.0000%	38,067.0	0.391%	VV	0.156	4,072.94	0.2192%
50	11.767		0.0000	0.0000%	8,762.2	0.090%	VV	0.076	1,911.26	0.1029%
51	11.859		0.0000	0.0000%	14,770.0	0.152%	VV	0.124	1,983.22	0.1067%
52	12.078		0.0000	0.0000%	19,004.1	0.195%	VV	0.131	2,420.15	0.1303%
53	12.279		0.0000	0.0000%	5,430.0	0.056%	VV	0.109	829.58	0.0446%
54	12.397		0.0000	0.0000%	7,186.6	0.074%	VV	0.108	1,109.01	0.0597%
55	12.690		0.0000	0.0000%	14,660.6	0.151%	VV	0.127	1,921.27	0.1034%
56	12.862	CHLOR #1	1.3161	3.9021%	43,966.6	0.452%	VV	0.108	6,755.27	0.3636%
57	13.114	Hept. Epox.	1.2588	3.7323%	1,211,969.4	12.454%	VV	0.088	229,677.69	12.3614%
58	13.492	CHLOR #2	1.7617	5.2235%	20,745.2	0.213%	VV	0.096	3,605.28	0.1940%
59	13.656		0.0000	0.0000%	17,779.3	0.183%	VV	0.118	2,503.12	0.1347%
60	13.810		0.0000	0.0000%	18,670.6	0.192%	VV	0.097	3,207.14	0.1726%
61	13.949	CHLOR #3	1.2725	3.7730%	143,939.6	1.479%	VV	0.091	26,351.09	1.4182%
62	14.233		0.0000	0.0000%	42,308.2	0.435%	VV	0.095	7,430.98	0.3999%
63	14.475	CHLOR #4	1.3395	3.9715%	110,101.9	1.131%	VV	0.100	18,344.30	0.9873%
64	14.642	CHLOR #5	1.3179	3.9075%	118,223.3	1.215%	VV	0.086	22,783.11	1.2262%
65	14.863		0.0000	0.0000%	18,504.4	0.190%	VV	0.176	1,755.83	0.0945%
66	15.147		0.0000	0.0000%	51,211.3	0.526%	VV	0.164	5,218.59	0.2809%
67	15.327		0.0000	0.0000%	12,240.0	0.126%	VV	0.093	2,184.66	0.1176%
68	15.610		0.0000	0.0000%	67,860.3	0.697%	VV	0.196	5,780.75	0.3111%
69	15.765		0.0000	0.0000%	23,085.3	0.237%	VV	0.083	4,619.56	0.2486%
70	15.937	Endrin	1.1881	3.5227%	817,611.4	8.402%	VV	0.090	150,728.95	8.1123%
71	16.153		0.0000	0.0000%	11,058.6	0.114%	VV	0.059	3,147.90	0.1694%
72	16.260	TOX #1	3.5032	10.3868%	43,657.3	0.449%	VV	0.125	5,799.97	0.3122%
73	16.489		0.0000	0.0000%	59,662.1	0.613%	VV	0.172	5,797.25	0.3120%
74	16.735	TOX #2	2.4906	7.3845%	109,253.9	1.123%	VV	0.148	12,332.64	0.6637%
75	16.850		0.0000	0.0000%	27,292.7	0.280%	VV	0.077	5,916.13	0.3184%
76	16.947		0.0000	0.0000%	52,226.9	0.537%	VV	0.145	5,997.32	0.3228%
77	17.144		0.0000	0.0000%	22,980.7	0.236%	VV	0.100	3,814.29	0.2053%
78	17.321		0.0000	0.0000%	40,838.9	0.420%	VV	0.126	5,414.83	0.2914%
79	17.432		0.0000	0.0000%	35,336.8	0.363%	VV	0.170	3,455.81	0.1860%
80	17.709	TOX #3	4.7575	14.1059%	54,195.9	0.557%	VV	0.132	6,844.92	0.3684%
81	17.903		0.0000	0.0000%	52,094.0	0.535%	VV	0.092	9,483.88	0.5104%
82	18.020		0.0000	0.0000%	64,190.5	0.660%	VV	0.100	10,646.17	0.5730%
83	18.181	TOX #4	5.0108	14.8570%	41,994.1	0.432%	VV	0.116	6,031.23	0.3246%
84	18.421		0.0000	0.0000%	61,445.8	0.631%	VV	0.124	8,269.14	0.4450%
85	18.615		0.0000	0.0000%	35,522.3	0.365%	VV	0.126	4,689.60	0.2524%
86	18.839	TOX #5	3.7814	11.2117%	105,774.9	1.087%	VV	0.160	11,019.00	0.5930%
87	19.057		0.0000	0.0000%	66,392.7	0.682%	VV	0.099	11,218.11	0.6038%
88	19.171		0.0000	0.0000%	252,118.7	2.591%	VV	0.094	44,853.34	2.4140%
89	19.291		0.0000	0.0000%	94,816.0	0.974%	VV	0.127	12,421.96	0.6686%
90	19.597		0.0000	0.0000%	63,010.0	0.647%	VV	0.157	6,677.54	0.3594%
91	19.870	METHOXYCHLOR	1.7269	5.1202%	388,880.0	3.996%	VV	0.093	69,772.74	3.7552%
92	20.199		0.0000	0.0000%	120,881.1	1.242%	VV	0.103	19,647.29	1.0574%
93	20.472		0.0000	0.0000%	51,347.4	0.528%	VV	0.103	8,316.77	0.4476%
94	20.649		0.0000	0.0000%	10,674.7	0.110%	VV	0.089	2,000.31	0.1077%
95	20.740		0.0000	0.0000%	4,932.4	0.051%	VV	0.061	1,355.67	0.0730%
96	20.846		0.0000	0.0000%	21,076.3	0.217%	VV	0.097	3,634.99	0.1956%
97	21.057		0.0000	0.0000%	36,540.2	0.375%	VV	0.098	6,206.01	0.3340%

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98	21.267		0.0000	0.0000%	14,666.5	0.151%	VV	0.111	2,198.82	0.1183%
99	21.390		0.0000	0.0000%	16,008.2	0.165%	VB	0.102	2,614.59	0.1407%
100	21.780		0.0000	0.0000%	696.4	0.007%	BB	0.064	182.73	0.0098%
101	21.934		0.0000	0.0000%	2,909.0	0.030%	BB	0.120	404.41	0.0218%
102	22.188		0.0000	0.0000%	2,955.5	0.030%	BB	0.082	602.32	0.0324%
103	22.499		0.0000	0.0000%	1,588.3	0.016%	BB	0.097	272.69	0.0147%
104	22.597		0.0000	0.0000%	2,734.3	0.028%	BB	0.063	725.25	0.0390%
105	22.782		0.0000	0.0000%	727.1	0.007%	BB	0.064	189.49	0.0102%
106	22.966		0.0000	0.0000%	1,767.9	0.018%	BB	0.089	330.58	0.0178%
107	23.080		0.0000	0.0000%	815.0	0.008%	BB	0.071	192.65	0.0104%
108	23.263		0.0000	0.0000%	432.3	0.004%	BB	0.059	121.91	0.0066%
109	23.448		0.0000	0.0000%	1,250.7	0.013%	BB	0.084	248.61	0.0134%
110	23.773		0.0000	0.0000%	299.3	0.003%	BB	0.086	58.08	0.0031%
111	23.926		0.0000	0.0000%	133.1	0.001%	BB	0.051	43.07	0.0023%
112	24.081		0.0000	0.0000%	1,638.7	0.017%	BB	0.112	243.45	0.0131%
113	24.431		0.0000	0.0000%	1,047.5	0.011%	BB	0.071	247.33	0.0133%
114	24.980	DCB	0.1060	0.3143%	114,087.2	1.172%	BB	0.094	20,327.21	1.0940%
115	25.607		0.0000	0.0000%	312.4	0.003%	BB	0.071	73.76	0.0040%
116	26.223		0.0000	0.0000%	609.9	0.006%	BB	0.082	124.10	0.0067%

Total area = 9731368 Total amount = 33.72706 Sample units = ug/mL Total height = 1858030

********** PESTICIDE/PCB ANALYSIS **********
*
* TODAY'S DATE....09-20-1994 TIME.....08:18:44
* RAW DATA FILE NAME..H:\CP2\HP7\G0919.13R
* SAMPLE NAME.....9883-2MS ANN94TR00201MS
* DATE TAKEN..Sep 19, 1994 17:51:39
* METHOD FILE.....H:\CP2\HP7\HP78080.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLP21.CAL
* INSTRUMENT..... HP7--DET 7A OPERATOR.... DC
* RUN TIME..... 30
* AREA REJECT..... 0 COM PORT.... 5
* SAMPLE WEIGHT... 1 DIL Factor.. 1
* Amount Injected 1 Int Std Amt . 1
****

********** PEAKS DETECTED IN THIS CHROMATOGRAM **********

Peak #	Ret Time (min)	Peak Area	Peak Name	RESPONSE UG/ML	Surrogate % Recovery	AMOUNT UG/L	CF
25	5.002	106024	m-XYLENE	0.1084	108.36	1.0836	978461
34	7.806	1367650	g-BHC	1.2971	1297.10	12.9710	1054391
45	10.414	1092502	Heptachlor	1.4906	1490.64	14.9064	732907
56	12.862	43967	CHLOR #1	1.3161	1316.09	13.1609	33407
57	13.114	1211969	Hept. Epox	1.2588	1258.80	12.5880	962795
58	13.492	20745	CHLOR #2	1.7617	1761.65	17.6165	11776
61	13.949	143940	CHLOR #3	1.2725	1272.52	12.7252	113114
63	14.475	110102	CHLOR #4	1.3395	1339.47	13.3947	82198
64	14.642	118223	CHLOR #5	1.3179	1317.90	13.1790	89706
70	15.937	817611	Endrin	1.1881	1188.09	11.8809	688171
72	16.260	43657	TOX #1	3.5032	3503.24	35.0324	12462
74	16.735	109254	TOX #2	2.4906	2490.57	24.9057	43867
80	17.709	54196	TOX #3	4.7574	4757.36	47.5736	11392
83	18.181	41994	TOX #4	5.0106	5010.64	50.1064	8381
86	18.839	105775	TOX #5	3.7813	3781.32	37.8132	27973
91	19.870	388880	METHOXYCHL	1.7269	1726.90	17.2690	225189
114	24.980	114087	DCB	0.1060	106.01	1.0601	1076164

Checked by [signature] Date 9-20-94 Datard [signature] Date 9-20-94

____<CRL

_____NOT CONFIRM

CONFIRMATION COLUMN

1D
TCLP PESTICIDE ORGANIC ANALYSIS

Customer Sample No.

ANN94TR00201MS

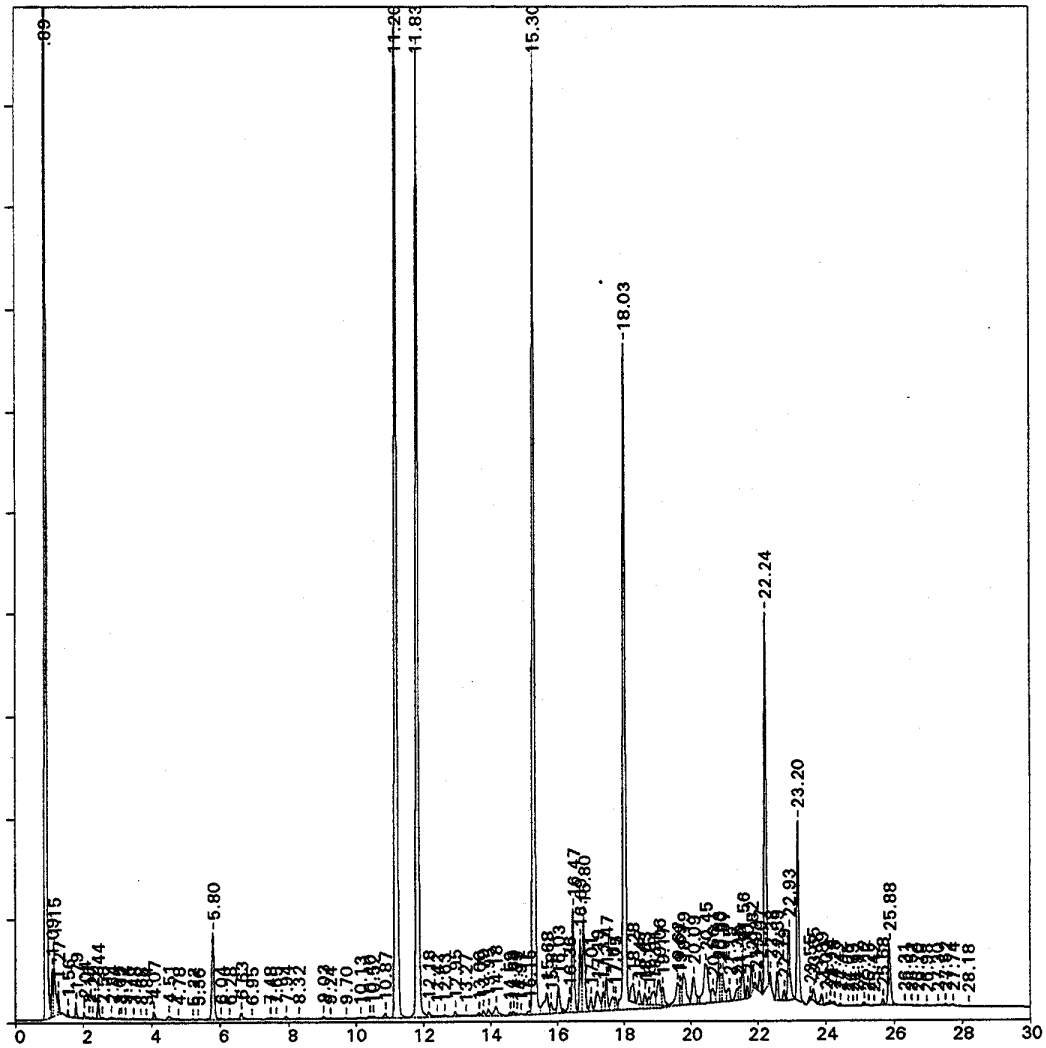
Lab Name: ARDL, Inc. Contract: ANNETTE ISLAND
Lab Code: _____ Case No.: 9883 SAS No.: _____ SDG No.:

Matrix(soil/water) : TCLP Lab Sample ID : 9883-2MS
Sample(wt/vol) : 1000 (g/mL) mL Lab File ID :
Level(low/med) : LOW Date Received : 09/16/94
% Moisture(not dec): --- Date Extracted : 09/16/94
Extraction(Sepf/Conc/Sonc) SEPF Date Analyzed : 09/19/94
GPC Cleanup (Y/N): N pH: --- Dilution Factor: 1.0
Final Extraction Volume: 10 mL

Cas No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
58-89-9	gamma-BHC(Lindane)	10	
76-44-8	Heptachlor	11	
1024-57-3	Heptachlor Epoxide	11	
72-20-8	Endrin	9.1	
72-43-5	Methoxychlor	14	
57-74-9	Chlordane	10	
8001-35-2	Toxaphene	24	

FORM I PEST 1/87 Rev.

ile=H:\CP2\H>7\G0919B.14R Date printed=09-19-1994 Time= 18:25:25
ample Name=9383-2MSD ANN94TR00201MSD
.0 to 30.0 min. Low Y=-0.653 High Y=199.347 mv Span=200.0



Primary Column

50157

RTx1701
150C---6/MIN---275C
Data file = H:\CP2\HP7\G0919B.14R
Date stamp = 09/19/94 Time = 18:24:58
Sample name = 9883-2MSD ANN94TR00201MSD
Collected on Sep 19, 1994 18:24:58 from port # 6
Operator = DC
Sequence file = HP70919.SEQ #15
Instrument = HP7--DetB
Method name = H:\CP2\HP7\HP78080B.MET version # 185
Date method last modified = 09/19/94 Time = 13:24:06
Calibration file = H:\CP2\HP7\HP7TLB21.CAL version # 4
Date cal file last modified = 09/19/94 Time = 12:04:12
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .03 minutes
Chrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 18:25:34

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.888		0.0000	0.0000%	1,044,245.6	15.881%	BV	0.062	282,686.00	19.5072%
2	1.086		0.0000	0.0000%	28,045.1	0.427%	VV	0.050	9,338.51	0.6444%
3	1.145		0.0000	0.0000%	47,782.6	0.727%	VV	0.060	13,283.46	0.9166%
4	1.268		0.0000	0.0000%	10,842.5	0.165%	VB	0.040	4,492.37	0.3100%
5	1.560		0.0000	0.0000%	3,444.3	0.052%	BB	0.041	1,392.72	0.0961%
6	1.795		0.0000	0.0000%	8,745.2	0.133%	BB	0.050	2,931.29	0.2023%
7	2.037		0.0000	0.0000%	4,567.2	0.069%	BV	0.058	1,316.08	0.0908%
8	2.172		0.0000	0.0000%	812.5	0.012%	VB	0.040	341.45	0.0236%
9	2.286		0.0000	0.0000%	1,141.6	0.017%	BV	0.048	399.05	0.0275%
10	2.441		0.0000	0.0000%	13,862.9	0.211%	VV	0.049	4,690.50	0.3237%
11	2.577		0.0000	0.0000%	1,161.8	0.018%	VB	0.055	351.37	0.0242%
12	2.836		0.0000	0.0000%	2,090.6	0.032%	BV	0.074	471.99	0.0326%
13	3.046		0.0000	0.0000%	1,137.6	0.017%	VV	0.088	216.18	0.0149%
14	3.121		0.0000	0.0000%	1,139.1	0.017%	VV	0.067	284.69	0.0196%
15	3.237		0.0000	0.0000%	992.2	0.015%	VB	0.062	268.49	0.0185%
16	3.477		0.0000	0.0000%	1,562.1	0.024%	BV	0.096	270.93	0.0187%
17	3.683		0.0000	0.0000%	634.5	0.010%	VV	0.058	182.80	0.0126%
18	3.837		0.0000	0.0000%	913.0	0.014%	VB	0.075	202.70	0.0140%
19	4.071		0.0000	0.0000%	5,689.0	0.087%	BB	0.064	1,485.06	0.1025%
20	4.506		0.0000	0.0000%	5,375.0	0.082%	BV	0.126	709.42	0.0490%
21	4.777		0.0000	0.0000%	1,686.7	0.026%	VB	0.118	237.93	0.0164%
22	5.215		0.0000	0.0000%	457.8	0.007%	BV	0.084	90.80	0.0063%
23	5.363		0.0000	0.0000%	626.0	0.010%	VV	0.103	101.70	0.0070%
24	5.803	m-XYLENE	0.1046	0.4609%	78,881.6	1.200%	VV	0.078	16,904.91	1.1665%
25	6.038		0.0000	0.0000%	1,686.0	0.026%	VB	0.094	299.72	0.0207%
26	6.283		0.0000	0.0000%	739.1	0.011%	BV	0.082	150.87	0.0104%
27	6.635		0.0000	0.0000%	6,536.7	0.099%	VV	0.088	1,244.54	0.0859%
28	6.945		0.0000	0.0000%	574.8	0.009%	VB	0.104	91.90	0.0063%
29	7.482		0.0000	0.0000%	1,246.0	0.019%	BV	0.090	229.80	0.0159%
30	7.654		0.0000	0.0000%	970.1	0.015%	VB	0.073	221.23	0.0153%
31	7.937		0.0000	0.0000%	2,898.8	0.044%	BV	0.086	562.03	0.0388%
32	8.318		0.0000	0.0000%	1,323.4	0.020%	VB	0.084	261.72	0.0181%
33	9.034		0.0000	0.0000%	2,677.7	0.041%	BV	0.099	452.03	0.0312%
34	9.243		0.0000	0.0000%	549.1	0.008%	VB	0.075	121.96	0.0084%
35	9.703		0.0000	0.0000%	860.1	0.013%	BB	0.116	123.61	0.0085%
36	10.128		0.0000	0.0000%	1,096.3	0.017%	BV	0.095	192.88	0.0133%
37	10.403		0.0000	0.0000%	1,899.8	0.029%	VV	0.084	378.10	0.0261%

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38	10.518		0.0000	0.0000%	1,880.6	0.029%	VB	0.087	360.66	0.0249%
39	10.867		0.0000	0.0000%	4,602.9	0.070%	BB	0.084	912.49	0.0630%
40	11.196	g-BHC	1.0559	4.6505%	1,053,619.9	16.024%	BV	0.075	234,166.98	16.1591%
41	11.832	Heptachlor	1.1334	4.9915%	918,409.8	13.967%	VV	0.080	190,832.36	13.1687%
42	12.176		0.0000	0.0000%	5,960.6	0.091%	VV	0.095	1,044.85	0.0721%
43	12.422		0.0000	0.0000%	1,738.0	0.026%	VV	0.125	231.44	0.0160%
44	12.634		0.0000	0.0000%	2,603.5	0.040%	VB	0.108	401.59	0.0277%
45	12.953		0.0000	0.0000%	4,667.4	0.071%	BV	0.081	964.24	0.0665%
46	13.267		0.0000	0.0000%	929.6	0.014%	VB	0.079	196.84	0.0136%
47	13.663		0.0000	0.0000%	2,771.1	0.042%	BV	0.073	636.52	0.0439%
48	13.788		0.0000	0.0000%	4,803.5	0.073%	VV	0.076	1,055.95	0.0729%
49	13.947		0.0000	0.0000%	7,569.1	0.115%	VV	0.098	1,289.82	0.0890%
50	14.178		0.0000	0.0000%	16,177.5	0.246%	VB	0.153	1,765.52	0.1218%
51	14.591		0.0000	0.0000%	2,759.6	0.042%	BV	0.079	580.80	0.0401%
52	14.688		0.0000	0.0000%	3,434.4	0.052%	VV	0.082	701.84	0.0484%
53	14.790		0.0000	0.0000%	1,502.6	0.023%	VV	0.067	374.65	0.0259%
54	14.908		0.0000	0.0000%	520.5	0.008%	VB	0.060	144.00	0.0099%
55	15.149		0.0000	0.0000%	2,688.0	0.041%	BV	0.070	641.26	0.0443%
56	15.304	Hept. Epox.	1.1021	4.8537%	883,882.5	13.442%	VV	0.077	191,121.61	13.1886%
57	15.682		0.0000	0.0000%	36,151.4	0.550%	VV	0.150	4,013.08	0.2769%
58	15.812		0.0000	0.0000%	10,204.8	0.155%	VV	0.085	1,999.61	0.1380%
59	16.035	CHLOR #1	1.0692	4.7091%	25,557.6	0.389%	VV	0.084	5,090.78	0.3513%
60	16.356		0.0000	0.0000%	13,203.3	0.201%	VV	0.082	2,682.11	0.1851%
61	16.472	CHLOR #2	1.0052	4.4270%	91,589.1	1.393%	VV	0.076	20,181.45	1.3927%
62	16.687	CHLOR #3	1.0197	4.4910%	60,763.7	0.924%	VV	0.072	14,082.74	0.9718%
63	16.800	CHLOR #4	0.9973	4.3922%	87,985.8	1.338%	VV	0.079	18,674.57	1.2887%
64	17.008		0.0000	0.0000%	12,687.6	0.193%	VV	0.083	2,538.55	0.1752%
65	17.190		0.0000	0.0000%	29,092.5	0.442%	VV	0.131	3,708.39	0.2559%
66	17.374		0.0000	0.0000%	14,784.5	0.225%	VV	0.071	3,460.63	0.2388%
67	17.469	CHLOR #5	1.0777	4.7466%	27,716.8	0.422%	VV	0.072	6,423.45	0.4433%
68	17.666		0.0000	0.0000%	15,350.0	0.233%	VV	0.107	2,390.04	0.1649%
69	17.747		0.0000	0.0000%	9,744.3	0.148%	VV	0.073	2,225.53	0.1536%
70	18.027	Endrin	0.9833	4.3308%	658,075.6	10.008%	SBB	0.084	131,101.03	9.0468%
71	18.279		0.0000	0.0000%	24,028.1	0.365%	TVB	0.109	3,682.53	0.2541%
72	18.468	TOX #1	1.3319	5.8659%	14,370.9	0.219%	TBB	0.091	2,635.19	0.1818%
73	18.634		0.0000	0.0000%	9,630.0	0.146%	TBV	0.071	2,252.82	0.1555%
74	18.753		0.0000	0.0000%	6,478.1	0.099%	TVV	0.070	1,535.12	0.1059%
75	18.910		0.0000	0.0000%	21,720.6	0.330%	TVV	0.135	2,689.31	0.1856%
76	19.064	TOX #2	2.2329	9.8340%	34,410.2	0.523%	TVV	0.113	5,067.63	0.3497%
77	19.175		0.0000	0.0000%	19,894.7	0.303%	TVB	0.093	3,583.57	0.2473%
78	19.618		0.0000	0.0000%	29,076.4	0.442%	BV	0.111	4,374.09	0.3018%
79	19.686		0.0000	0.0000%	15,679.1	0.238%	VV	0.068	3,847.83	0.2655%
80	19.788		0.0000	0.0000%	51,392.2	0.782%	VV	0.138	6,215.05	0.4289%
81	20.093	TOX #3	2.9170	12.8471%	37,074.7	0.564%	VV	0.117	5,263.64	0.3632%
82	20.448		0.0000	0.0000%	80,322.6	1.222%	VV	0.174	7,683.13	0.5302%
83	20.658		0.0000	0.0000%	19,911.2	0.303%	VV	0.122	2,713.61	0.1873%
84	20.826		0.0000	0.0000%	27,324.7	0.416%	VV	0.080	5,682.58	0.3921%
85	20.905		0.0000	0.0000%	23,501.5	0.357%	VV	0.069	5,712.58	0.3942%
86	20.966		0.0000	0.0000%	29,294.5	0.446%	VV	0.086	5,709.74	0.3940%
87	21.146		0.0000	0.0000%	16,138.2	0.245%	VB	0.104	2,586.46	0.1785%
88	21.385		0.0000	0.0000%	11,264.7	0.171%	BV	0.084	2,239.34	0.1545%
89	21.455		0.0000	0.0000%	9,817.1	0.149%	VV	0.064	2,563.84	0.1769%
90	21.561		0.0000	0.0000%	42,160.4	0.641%	VV	0.079	8,909.54	0.6148%
91	21.695		0.0000	0.0000%	8,521.5	0.130%	VB	0.056	2,522.80	0.1741%
92	21.819	TOX #4	2.4441	10.7644%	21,070.6	0.320%	BB	0.060	5,879.47	0.4057%
93	21.929		0.0000	0.0000%	5,087.0	0.077%	BB	0.062	1,376.49	0.0950%
94	22.070	TOX #5	2.6960	11.8738%	16,731.3	0.254%	BB	0.067	4,179.51	0.2884%
95	22.242	METHOXYCHLOR	1.4542	6.4044%	317,141.1	4.823%	BB	0.071	73,998.13	5.1064%
96	22.380		0.0000	0.0000%	9,778.5	0.149%	BB	0.057	2,850.03	0.1967%
97	22.588		0.0000	0.0000%	22,835.2	0.347%	BB	0.068	5,574.80	0.3847%

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Jm
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.98	22.787		0.0000	0.0000%	7,927.3	0.121%	BB	0.065	2,025.81	0.1398%
99	22.931		0.0000	0.0000%	69,097.9	1.051%	BB	0.083	13,795.71	0.9520%
00	23.199		0.0000	0.0000%	162,060.7	2.465%	BB	0.076	35,678.32	2.4620%
01	23.547		0.0000	0.0000%	2,830.3	0.043%	BB	0.059	800.30	0.0552%
102	23.652		0.0000	0.0000%	11,576.8	0.176%	BB	0.081	2,372.38	0.1637%
03	23.891		0.0000	0.0000%	10,280.0	0.156%	BB	0.077	2,237.27	0.1544%
04	24.024		0.0000	0.0000%	813.2	0.012%	BB	0.048	280.07	0.0193%
105	24.136		0.0000	0.0000%	2,582.9	0.039%	BB	0.060	718.52	0.0496%
106	24.250		0.0000	0.0000%	2,504.8	0.038%	BB	0.073	571.85	0.0395%
07	24.422		0.0000	0.0000%	2,121.9	0.032%	BB	0.076	464.26	0.0320%
.08	24.653		0.0000	0.0000%	658.0	0.010%	BB	0.060	182.45	0.0126%
109	24.788		0.0000	0.0000%	708.6	0.011%	BB	0.080	147.29	0.0102%
10	24.917		0.0000	0.0000%	827.7	0.013%	BB	0.060	230.15	0.0159%
11	25.121		0.0000	0.0000%	3,051.3	0.046%	BB	0.074	686.98	0.0474%
112	25.254		0.0000	0.0000%	551.1	0.008%	BB	0.058	157.65	0.0109%
113	25.415		0.0000	0.0000%	493.4	0.008%	BB	0.082	99.69	0.0069%
114	25.680		0.0000	0.0000%	4,614.3	0.070%	BB	0.066	1,172.50	0.0809%
115	25.879	DCB	0.0811	0.3573%	59,600.2	0.906%	BB	0.083	12,025.17	0.8298%
116	26.309		0.0000	0.0000%	506.5	0.008%	BB	0.075	111.82	0.0077%
117	26.515		0.0000	0.0000%	729.3	0.011%	BB	0.083	147.29	0.0102%
118	26.699		0.0000	0.0000%	564.6	0.009%	BB	0.096	98.17	0.0068%
119	26.975		0.0000	0.0000%	460.7	0.007%	BB	0.099	77.41	0.0053%
120	27.296		0.0000	0.0000%	851.1	0.013%	BB	0.105	135.01	0.0093%
121	27.519		0.0000	0.0000%	1,478.2	0.022%	BB	0.076	325.50	0.0225%
122	27.738		0.0000	0.0000%	1,162.5	0.018%	BB	0.079	244.17	0.0168%
123	28.177		0.0000	0.0000%	337.7	0.005%	BB	0.119	47.32	0.0033%

Total area = 6575367 Total amount = 22.70567 Sample units = ug/mL Total height = 1449138

********** PESTICIDE/PCB ANALYSIS **********

*
* TODAY'S DATE....09-20-1994 TIME.....08:17:16
* RAW DATA FILE NAME..H:\CP2\HP7\G0919B.14R
* SAMPLE NAME.....9883-2MSD ANN94TR00201MSD
* DATE TAKEN..Sep 19, 1994 18:24:58
* METHOD FILE.....H:\CP2\HP7\HP78080B.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLB21.CAL
* INSTRUMENT..... HP7--DetB OPERATOR.... DC
* RUN TIME..... 30
* AREA REJECT..... 0 COM PORT.... 6
* SAMPLE WEIGHT... 1 DIL Factor.. 1
* Amount Injected 1 Int Std Amt . 1
****

********** PEAKS DETECTED IN THIS CHROMATOGRAM **********

Peak #	Ret Time (min)	Peak Area	Peak Name	RESPONSE UG/ML	Surrogate % Recovery	AMOUNT UG/L	CF
24	5.803	78882	m-XYLENE	0.1046	104.65	1.0465	753792
40	11.196	1053620	g-BHC	1.0559	1055.92	10.5592	997823
41	11.832	918410	Heptachlor	1.1334	1133.36	11.3336	810346
56	15.304	883883	Hept. Epox	1.1021	1102.07	11.0207	802023
59	16.035	25558	CHLOR #1	1.0693	1069.27	*10.6927	23902
61	16.472	91589	CHLOR #2	1.0052	1005.17	*10.0517	91118
62	16.687	60764	CHLOR #3	1.0197	1019.71	*10.1971	59589
63	16.800	87986	CHLOR #4	0.9973	997.28	*9.9728	88226
67	17.469	27717	CHLOR #5	1.0777	1077.72	*10.7772	25718
70	18.027	658076	Endrin	0.9833	983.34	9.8334	669223
72	18.468	14371	TOX #1	1.3319	1331.88	**13.3188	10790
76	19.064	34410	TOX #2	2.2328	2232.84	**22.3284	15411
81	20.093	37075	TOX #3	2.9170	2916.97	**29.1697	12710
92	21.819	21071	TOX #4	2.4441	2444.10	**24.4410	8621
94	22.070	16731	TOX #5	2.6960	2695.98	**26.9598	6206
95	22.242	317141	METHOXYCHL	1.4542	1454.16	14.5416	218093
115	25.879	59600	DCB	0.0811	81.12	0.8112	734731

Checked by [signature] Date 9-20-94 Datard [signature] Date 9-20-94

____<CRL

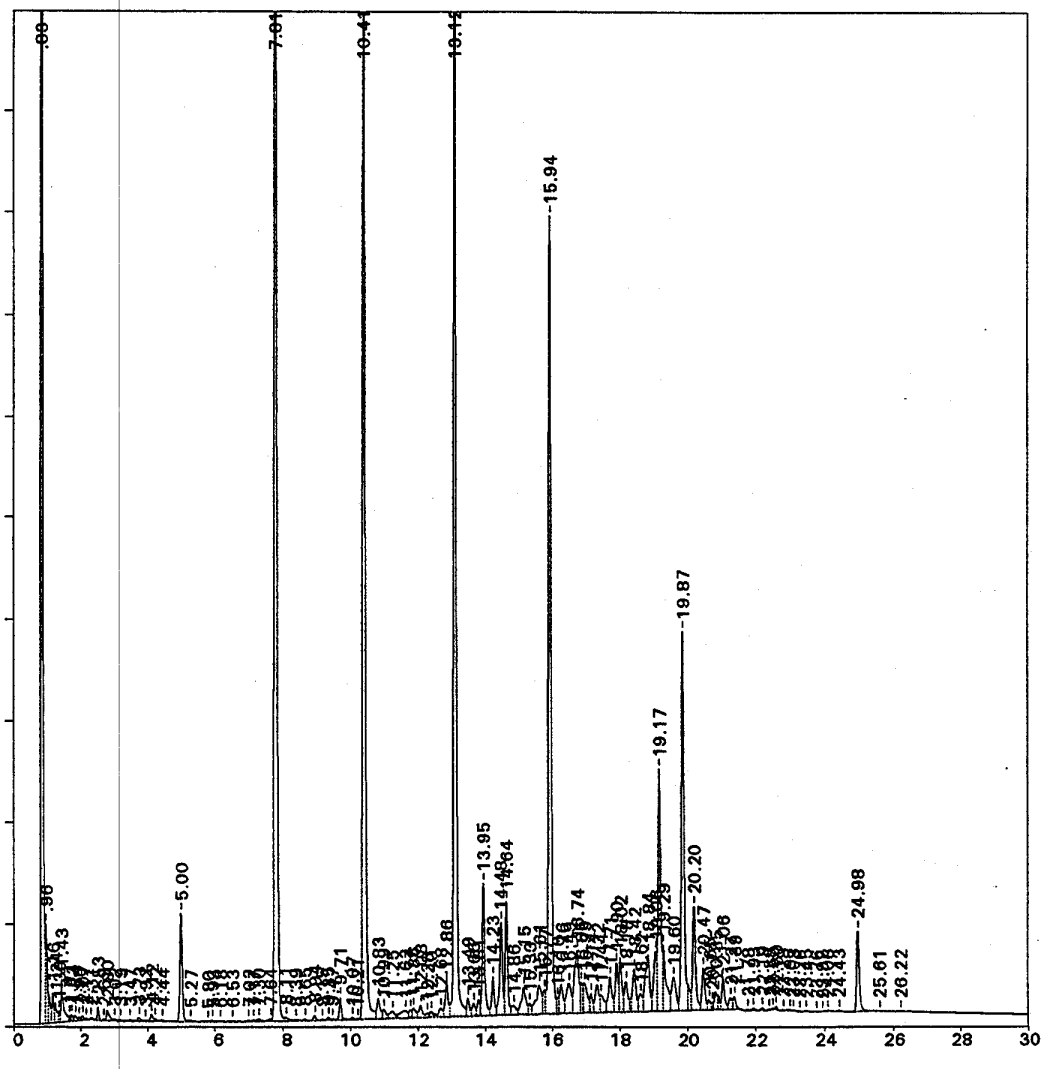
_____NOT CONFIRM

*CHLOR
10.6927
10.0517
10.1971
9.9728
10.7772
51.6915 ÷ 5 = 10.3

PRIMARY COLUMN
**TOX
13.3188
22.3284
29.1697
24.4410
26.9598
116.2177 ÷ 5 = 23.2

50161

File=H:\CP2\HP7\G0919.14R Date printed=09-19-1994 Time= 18:25:03
Sample Name=9883-2MSD ANN94TR00201MSD
0.0 to 30.0 min. Low Y=-0.595 High Y=199.405 mv Span=200.0



Confirmation Only

50162

RTx5
150C---5/MIN---275C
Data file = H:\CP2\HP7\G0919.14R
Date stamp = 09/19/94 Time = 18:24:58
Sample name = 9883-2MSD ANN94TR00201MSD
Collected on Sep 19, 1994 18:24:58 from port # 5
Operator = DC
Sequence file = HP70919.SEQ #15
Instrument = HP7--DET 7A
Method name = H:\CP2\HP7\HP78080.MET version # 52
Date method last modified = 09/19/94 Time = 13:23:44
Calibration file = H:\CP2\HP7\HP7TLP21.CAL version # 3
Date cal file last modified = 09/19/94 Time = 13:05:18
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .02 minutes
Chrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 18:25:11

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.830		0.0000	0.0000%	1,467,613.9	15.559%	BV	0.066	368,165.84	20.5305%
2	0.962		0.0000	0.0000%	72,097.1	0.764%	VV	0.062	19,350.17	1.0791%
3	1.160		0.0000	0.0000%	23,807.1	0.252%	VV	0.068	5,839.71	0.3256%
4	1.244		0.0000	0.0000%	16,880.2	0.179%	VV	0.071	3,987.23	0.2223%
5	1.360		0.0000	0.0000%	7,160.2	0.076%	VV	0.056	2,139.53	0.1193%
6	1.428		0.0000	0.0000%	43,598.9	0.462%	VV	0.085	8,570.29	0.4779%
7	1.666		0.0000	0.0000%	3,156.6	0.033%	VV	0.050	1,059.68	0.0591%
8	1.727		0.0000	0.0000%	4,858.1	0.052%	VV	0.065	1,240.49	0.0692%
9	1.845		0.0000	0.0000%	5,034.3	0.053%	VV	0.082	1,027.67	0.0573%
10	1.955		0.0000	0.0000%	2,889.5	0.031%	VV	0.084	576.59	0.0322%
11	2.066		0.0000	0.0000%	4,111.8	0.044%	VV	0.083	825.60	0.0460%
12	2.173		0.0000	0.0000%	1,251.1	0.013%	VB	0.056	372.60	0.0208%
13	2.309		0.0000	0.0000%	321.0	0.003%	BB	0.040	135.39	0.0075%
14	2.525		0.0000	0.0000%	8,585.3	0.091%	BB	0.056	2,553.75	0.1424%
15	2.688		0.0000	0.0000%	1,066.7	0.011%	BV	0.052	343.49	0.0192%
16	2.798		0.0000	0.0000%	12,610.9	0.134%	VV	0.104	2,019.43	0.1126%
17	3.017		0.0000	0.0000%	2,727.7	0.029%	VV	0.110	414.62	0.0231%
18	3.188		0.0000	0.0000%	1,218.4	0.013%	VB	0.074	275.51	0.0154%
19	3.467		0.0000	0.0000%	2,346.0	0.025%	BV	0.120	325.16	0.0181%
20	3.731		0.0000	0.0000%	3,902.1	0.041%	VV	0.095	682.80	0.0381%
21	3.920		0.0000	0.0000%	824.9	0.009%	VV	0.081	169.12	0.0094%
22	4.118		0.0000	0.0000%	5,760.5	0.061%	VV	0.078	1,227.29	0.0684%
23	4.221		0.0000	0.0000%	2,223.8	0.024%	VV	0.076	487.27	0.0272%
24	4.435		0.0000	0.0000%	1,193.9	0.013%	VB	0.075	264.44	0.0147%
25	5.002	m-XYLENE	0.1044	0.3045%	102,117.0	1.083%	BV	0.080	21,184.80	1.1814%
26	5.273		0.0000	0.0000%	2,511.5	0.027%	VB	0.120	348.76	0.0194%
27	5.796		0.0000	0.0000%	1,145.9	0.012%	BV	0.188	101.86	0.0057%
28	5.933		0.0000	0.0000%	2,147.2	0.023%	VV	0.128	278.88	0.0156%
29	6.177		0.0000	0.0000%	1,913.8	0.020%	VB	0.130	244.56	0.0136%
30	6.534		0.0000	0.0000%	1,827.8	0.019%	BB	0.148	205.59	0.0115%
31	7.018		0.0000	0.0000%	1,621.9	0.017%	BV	0.091	298.49	0.0166%
32	7.168		0.0000	0.0000%	1,611.8	0.017%	VV	0.088	305.72	0.0170%
33	7.303		0.0000	0.0000%	3,656.6	0.039%	VV	0.115	529.05	0.0295%
34	7.639		0.0000	0.0000%	3,095.6	0.033%	VV	0.104	495.08	0.0276%
35	7.807	g-BHC	1.3365	3.8994%	1,409,183.4	14.940%	VV	0.084	278,497.81	15.5303%
36	8.107		0.0000	0.0000%	5,545.8	0.059%	VV	0.149	619.21	0.0345%
37	8.392		0.0000	0.0000%	1,569.8	0.017%	VV	0.109	240.03	0.0134%

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38	8.652		0.0000	0.0000%	1,823.7	0.019%	VB	0.091	335.14	0.0187%	
39	8.939		0.0000	0.0000%	5,340.1	0.057%	BV	0.094	946.51	0.0528%	
40	9.151		0.0000	0.0000%	882.6	0.009%	VV	0.091	161.91	0.0090%	
41	9.346		0.0000	0.0000%	2,628.8	0.028%	VV	0.085	515.65	0.0288%	
42	9.465		0.0000	0.0000%	1,215.7	0.013%	VV	0.089	228.02	0.0127%	
43	9.706		0.0000	0.0000%	20,514.7	0.217%	VV	0.079	4,350.69	0.2426%	
44	10.066		0.0000	0.0000%	1,842.2	0.020%	VB	0.077	396.31	0.0221%	
45	10.213		0.0000	0.0000%	536.1	0.006%	BV	0.085	105.41	0.0059%	
46	10.415	Heptachlor	1.5327	4.4719%	1,123,338.6	11.909%	VV	0.089	210,236.78	11.7237%	
47	10.828		0.0000	0.0000%	28,488.5	0.302%	VV	0.119	3,996.47	0.2229%	
48	10.994		0.0000	0.0000%	13,486.1	0.143%	VV	0.123	1,820.76	0.1015%	
49	11.250		0.0000	0.0000%	14,557.6	0.154%	VV	0.170	1,430.44	0.0798%	
50	11.624		0.0000	0.0000%	21,813.4	0.231%	VV	0.239	1,519.03	0.0847%	
51	11.772		0.0000	0.0000%	7,919.7	0.084%	VV	0.083	1,584.77	0.0884%	
52	11.863		0.0000	0.0000%	13,986.4	0.148%	VV	0.124	1,885.12	0.1051%	
53	12.079		0.0000	0.0000%	18,852.5	0.200%	VV	0.129	2,434.12	0.1357%	
54	12.281		0.0000	0.0000%	5,369.1	0.057%	VV	0.109	822.69	0.0459%	
55	12.398		0.0000	0.0000%	7,193.4	0.076%	VV	0.105	1,145.24	0.0639%	
56	12.679		0.0000	0.0000%	12,711.2	0.135%	VV	0.131	1,619.66	0.0903%	
57	12.863	CHLOR #1	1.3441	3.9216%	44,902.5	0.476%	VV	0.107	7,026.02	0.3918%	
58	13.116	Hept. Epox.	1.2924	3.7709%	1,244,358.3	13.192%	VV	0.088	236,250.05	13.1743%	
59	13.492	CHLOR #2	1.7224	5.0252%	20,281.6	0.215%	VV	0.096	3,509.94	0.1957%	
60	13.657		0.0000	0.0000%	18,147.4	0.192%	VV	0.120	2,520.68	0.1406%	
61	13.811		0.0000	0.0000%	18,531.7	0.196%	VV	0.094	3,278.13	0.1828%	
62	13.949	CHLOR #3	1.2628	3.6843%	142,837.9	1.514%	VV	0.092	25,992.04	1.4494%	
63	14.233		0.0000	0.0000%	43,433.3	0.460%	VV	0.096	7,565.93	0.4219%	
64	14.475	CHLOR #4	1.3226	3.8589%	108,715.3	1.153%	VV	0.100	18,206.43	1.0153%	
65	14.643	CHLOR #5	1.2851	3.7496%	115,284.6	1.222%	VV	0.087	22,203.07	1.2381%	
66	14.865		0.0000	0.0000%	19,199.8	0.204%	VV	0.176	1,821.04	0.1015%	
67	15.148		0.0000	0.0000%	52,891.5	0.561%	VV	0.166	5,315.18	0.2964%	
68	15.329		0.0000	0.0000%	11,813.3	0.125%	VV	0.091	2,153.41	0.1201%	
69	15.609		0.0000	0.0000%	67,654.8	0.717%	VV	0.195	5,779.87	0.3223%	
70	15.767		0.0000	0.0000%	22,536.0	0.239%	VV	0.079	4,725.98	0.2635%	
71	15.937	Endrin	1.2295	3.5874%	846,131.5	8.970%	VV	0.090	157,060.03	8.7584%	
72	16.156		0.0000	0.0000%	11,105.0	0.118%	VV	0.058	3,177.45	0.1772%	
73	16.262	TOX #1	3.5546	10.3712%	44,298.6	0.470%	VV	0.126	5,871.00	0.3274%	
74	16.489		0.0000	0.0000%	61,300.7	0.650%	VV	0.172	5,929.56	0.3307%	
75	16.735	TOX #2	2.5277	7.3748%	110,880.4	1.176%	VV	0.149	12,362.14	0.6894%	
76	16.854		0.0000	0.0000%	28,927.3	0.307%	VV	0.080	6,048.21	0.3373%	
77	16.949		0.0000	0.0000%	51,570.9	0.547%	VV	0.144	5,970.40	0.3329%	
78	17.144		0.0000	0.0000%	23,069.3	0.245%	VV	0.101	3,817.18	0.2129%	
79	17.322		0.0000	0.0000%	41,695.3	0.442%	VV	0.126	5,517.91	0.3077%	
80	17.435		0.0000	0.0000%	34,341.0	0.364%	VV	0.162	3,541.29	0.1975%	
81	17.708	TOX #3	4.8761	14.2267%	55,546.8	0.589%	VV	0.133	6,948.71	0.3875%	
82	17.904		0.0000	0.0000%	54,151.2	0.574%	VV	0.093	9,699.73	0.5409%	
83	18.020		0.0000	0.0000%	64,625.5	0.685%	VV	0.100	10,782.01	0.6013%	
84	18.182	TOX #4	5.0838	14.8327%	42,605.6	0.452%	VV	0.117	6,087.88	0.3395%	
85	18.424		0.0000	0.0000%	63,345.7	0.672%	VV	0.126	8,405.68	0.4687%	
86	18.618		0.0000	0.0000%	27,093.5	0.287%	VV	0.131	3,444.58	0.1921%	
87	18.841	TOX #5	3.8810	11.3234%	108,562.1	1.151%	VV	0.161	11,251.30	0.6274%	
88	19.059		0.0000	0.0000%	68,560.9	0.727%	VV	0.097	11,769.87	0.6563%	
89	19.172		0.0000	0.0000%	267,616.0	2.837%	VV	0.094	47,551.89	2.6517%	
90	19.289		0.0000	0.0000%	97,303.3	1.032%	VV	0.125	12,976.06	0.7236%	
91	19.598		0.0000	0.0000%	63,431.7	0.672%	VV	0.161	6,565.45	0.3661%	
92	19.870	METHOXYCHLOR	1.8364	5.3580%	413,537.4	4.384%	VV	0.092	74,787.77	4.1705%	
93	20.199		0.0000	0.0000%	123,852.5	1.313%	VV	0.102	20,281.55	1.1310%	
94	20.473		0.0000	0.0000%	51,876.8	0.550%	VV	0.104	8,334.67	0.4648%	
95	20.649		0.0000	0.0000%	10,964.1	0.116%	VV	0.089	2,051.14	0.1144%	
96	20.741		0.0000	0.0000%	5,168.3	0.055%	VV	0.061	1,414.42	0.0789%	
97	20.846		0.0000	0.0000%	20,863.2	0.221%	VV	0.097	3,572.10	0.1992%	50164

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98	21.058		0.0000	0.0000%	37,111.4	0.393%	VV	0.097	6,349.60	0.3541%	
99	21.268		0.0000	0.0000%	14,831.9	0.157%	VV	0.110	2,240.23	0.1249%	
00	21.388		0.0000	0.0000%	15,714.0	0.167%	VB	0.103	2,537.16	0.1415%	
01	21.778		0.0000	0.0000%	672.7	0.007%	BB	0.064	174.09	0.0097%	
02	21.935		0.0000	0.0000%	2,941.1	0.031%	BB	0.117	419.46	0.0234%	
03	22.188		0.0000	0.0000%	2,777.5	0.029%	BB	0.080	577.16	0.0322%	
04	22.390		0.0000	0.0000%	523.6	0.006%	BB	0.069	127.32	0.0071%	
05	22.499		0.0000	0.0000%	643.8	0.007%	BB	0.049	219.07	0.0122%	
06	22.598		0.0000	0.0000%	2,498.3	0.026%	BB	0.064	655.33	0.0365%	
07	22.780		0.0000	0.0000%	635.0	0.007%	BB	0.064	165.53	0.0092%	
08	22.969		0.0000	0.0000%	1,602.0	0.017%	BB	0.092	289.33	0.0161%	
09	23.078		0.0000	0.0000%	848.0	0.009%	BB	0.073	193.95	0.0108%	
10	23.263		0.0000	0.0000%	455.4	0.005%	BB	0.062	122.76	0.0068%	
11	23.451		0.0000	0.0000%	1,208.3	0.013%	BB	0.086	233.94	0.0130%	
12	23.762		0.0000	0.0000%	277.8	0.003%	BB	0.081	57.02	0.0032%	
13	23.923		0.0000	0.0000%	148.0	0.002%	BB	0.059	41.86	0.0023%	
14	24.083		0.0000	0.0000%	587.8	0.006%	BB	0.067	145.30	0.0081%	
15	24.432		0.0000	0.0000%	932.0	0.010%	BB	0.071	218.75	0.0122%	
16	24.980	DCB	0.0821	0.2396%	88,387.7	0.937%	BB	0.093	15,821.24	0.8823%	
17	25.606		0.0000	0.0000%	367.3	0.004%	BB	0.086	70.87	0.0040%	
18	26.223		0.0000	0.0000%	528.3	0.006%	BB	0.094	93.74	0.0052%	

otal area = 9432392 Total amount = 34.27424 Sample units = ug/mL Total height = 1793259

********** PESTICIDE/PCB ANALYSIS **********

```
*
* TODAY'S DATE....09-20-1994          TIME.....08:18:52
* RAW DATA FILE NAME..H:\CP2\HP7\G0919.14R
* SAMPLE NAME.....9883-2MSD ANN94TR00201MSD
* DATE TAKEN..Sep 19, 1994  18:24:58
* METHOD FILE.....H:\CP2\HP7\HP78080.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLP21.CAL
* INSTRUMENT...... HP7--DET 7A                OPERATOR.... DC
* RUN TIME........ 30
* AREA REJECT..... 0                COM PORT....  5
* SAMPLE WEIGHT... 1                DIL Factor.. 1
* Amount Injected  1                Int Std Amt . 1
*********************************************************************
```

********** PEAKS DETECTED IN THIS CHROMATOGRAM **********

Peak #	Ret Time (min)	Peak Area	Peak Name	RESPONSE UG/ML	Surrogate % Recovery	AMOUNT UG/L	CF
25	5.002	102117	m-XYLENE	0.1044	104.36	1.0436	978461
35	7.807	1409183	g-BHC	1.3365	1336.49	13.3649	1054391
46	10.415	1123339	Heptachlor	1.5327	1532.72	15.3272	732907
57	12.863	44903	CHLOR #1	1.3441	1344.11	13.4411	33407
58	13.116	1244358	Hept. Epox	1.2924	1292.44	12.9244	962795
59	13.492	20282	CHLOR #2	1.7223	1722.28	17.2228	11776
62	13.949	142838	CHLOR #3	1.2628	1262.78	12.6278	113114
64	14.475	108715	CHLOR #4	1.3226	1322.60	13.2260	82198
65	14.643	115285	CHLOR #5	1.2851	1285.14	12.8514	89706
71	15.937	846132	Endrin	1.2295	1229.54	12.2954	688171
73	16.262	44299	TOX #1	3.5547	3554.70	35.5470	12462
75	16.735	110880	TOX #2	2.5277	2527.65	25.2765	43867
81	17.708	55547	TOX #3	4.8759	4875.95	48.7595	11392
84	18.182	42606	TOX #4	5.0836	5083.60	50.8360	8381
87	18.841	108562	TOX #5	3.8810	3880.96	38.8096	27973
92	19.870	413537	METHOXYCHL	1.8364	1836.40	18.3640	225189
116	24.980	88388	DCB	0.0821	82.13	0.8213	1076164

Checked by [signature] Date 9-20-94 Datard [signature] Date 9-20-94

____<CRL

_____NOT CONFIRM

CONFIRMATION COLUMN

1D
TCLP PESTICIDE ORGANIC ANALYSIS

Customer Sample No.

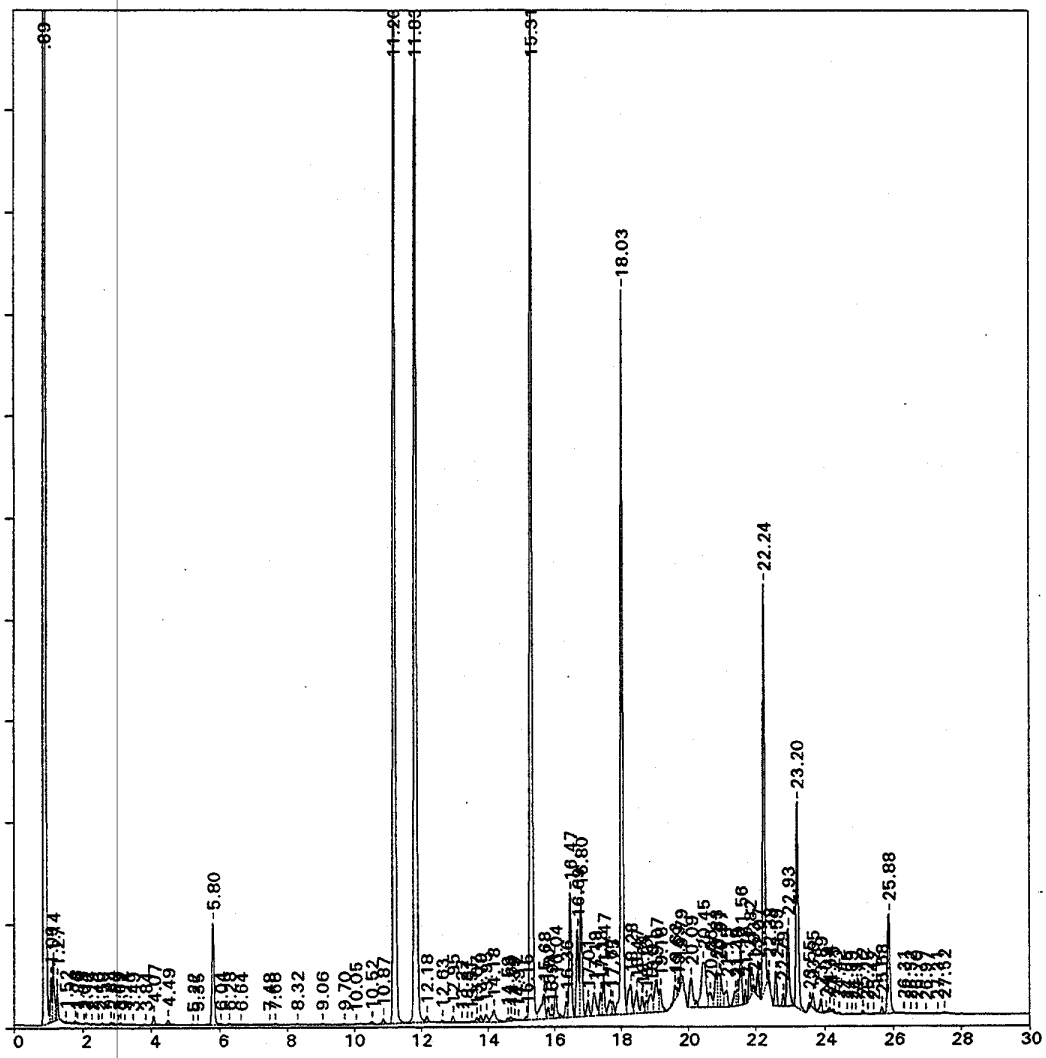
Lab Name: ARDL, Inc. Contract: ANNETTE ISLAND
Lab Code: _____ Case No.: 9883 SAS No.: _____ SDG No.:

Matrix(soil/water) : TCLP Lab Sample ID : 9883-SPB4010
Sample(wt/vol) : 1000 (g/mL) mL Lab File ID :
Level(low/med) : LOW Date Received :
% Moisture(not dec): --- Date Extracted : 09/16/94
Extraction(Sepf/Conc/Sonc) SEPF Date Analyzed : 09/19/94
GPC Cleanup (Y/N): N pH: --- Dilution Factor: 1.0
Final Extraction Volume: 10 mL

Cas No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
58-89-9	gamma-BHC(Lindane)	12	
76-44-8	Heptachlor	13	
1024-57-3	Heptachlor Epoxide	12	
72-20-8	Endrin	10	
72-43-5	Methoxychlor	16	
57-74-9	Chlordane	13	
8001-35-2	Toxaphene	29	

FORM I PEST 1/87 Rev.

ile=H:\CP2\HP7\G0919B.16R Date printed=09-19-1994 Time= 19:32:01
ample Name=B4010 SP BLK
.0 to 30.0 min. Low Y=-0.641 High Y=199.359 mv Span=200.0



Primary Column

50168

RTx1701
150C---6/MIN---275C
Data file = H:\CP2\HP7\G0919B.16R
Date stamp = 09/19/94 Time = 19:31:32
Sample name = B4010 SP BLK
Collected on Sep 19, 1994 19:31:34 from port # 6
Operator = DC
Sequence file = HP70919.SEQ #17
Instrument = HP7--DetB
Method name = H:\CP2\HP7\HP78080B.MET version # 185
Date method last modified = 09/19/94 Time = 13:24:06
Calibration file = H:\CP2\HP7\HP7TLB21.CAL version # 4
Date cal file last modified = 09/19/94 Time = 12:04:12
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .03 minutes
Chrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 19:32:09

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.888		0.0000	0.0000%	2,216,800.3	26.482%	BV	0.063	588,410.13	31.1560%
2	1.087		0.0000	0.0000%	26,080.6	0.312%	VV	0.050	8,749.03	0.4633%
3	1.145		0.0000	0.0000%	32,614.3	0.390%	VV	0.048	11,360.35	0.6015%
4	1.265		0.0000	0.0000%	21,018.0	0.251%	VB	0.043	8,094.85	0.4286%
5	1.518		0.0000	0.0000%	851.9	0.010%	BB	0.045	314.45	0.0166%
6	1.777		0.0000	0.0000%	1,298.7	0.016%	BV	0.039	557.16	0.0295%
7	1.858		0.0000	0.0000%	529.4	0.006%	VB	0.044	201.91	0.0107%
8	2.039		0.0000	0.0000%	220.2	0.003%	BV	0.041	89.75	0.0048%
9	2.115		0.0000	0.0000%	570.1	0.007%	VB	0.047	202.17	0.0107%
10	2.287		0.0000	0.0000%	518.9	0.006%	BB	0.044	196.16	0.0104%
11	2.461		0.0000	0.0000%	451.6	0.005%	BB	0.044	172.43	0.0091%
12	2.576		0.0000	0.0000%	1,348.6	0.016%	BV	0.061	371.15	0.0197%
13	2.838		0.0000	0.0000%	2,132.6	0.025%	VV	0.062	573.74	0.0304%
14	2.920		0.0000	0.0000%	1,184.0	0.014%	VB	0.052	377.27	0.0200%
15	3.055		0.0000	0.0000%	655.0	0.008%	BV	0.058	188.48	0.0100%
16	3.120		0.0000	0.0000%	1,044.1	0.012%	VV	0.053	325.64	0.0172%
17	3.243		0.0000	0.0000%	689.4	0.008%	VB	0.059	193.18	0.0102%
18	3.486		0.0000	0.0000%	333.3	0.004%	BB	0.055	101.11	0.0054%
19	3.836		0.0000	0.0000%	983.0	0.012%	BB	0.091	179.08	0.0095%
20	4.073		0.0000	0.0000%	7,019.2	0.084%	BB	0.065	1,800.33	0.0953%
21	4.490		0.0000	0.0000%	4,431.0	0.053%	BB	0.078	942.70	0.0499%
22	5.222		0.0000	0.0000%	584.8	0.007%	BV	0.083	118.04	0.0063%
23	5.347		0.0000	0.0000%	414.7	0.005%	VB	0.065	107.08	0.0057%
24	5.805	m-XYLENE	0.1234	0.4484%	93,035.5	1.111%	BV	0.078	19,783.96	1.0475%
25	6.036		0.0000	0.0000%	1,490.3	0.018%	VV	0.086	287.48	0.0152%
26	6.282		0.0000	0.0000%	1,069.3	0.013%	VV	0.089	199.17	0.0105%
27	6.639		0.0000	0.0000%	651.9	0.008%	VB	0.102	106.65	0.0056%
28	7.477		0.0000	0.0000%	530.9	0.006%	BB	0.078	113.28	0.0060%
29	7.655		0.0000	0.0000%	1,046.4	0.013%	BB	0.071	244.23	0.0129%
30	8.318		0.0000	0.0000%	1,326.4	0.016%	BB	0.080	276.52	0.0146%
31	9.058		0.0000	0.0000%	985.0	0.012%	BB	0.078	211.71	0.0112%
32	9.703		0.0000	0.0000%	1,231.3	0.015%	BB	0.126	163.02	0.0086%
33	10.050		0.0000	0.0000%	284.4	0.003%	BB	0.083	56.98	0.0030%
34	10.522		0.0000	0.0000%	2,305.4	0.028%	BB	0.085	452.63	0.0240%
35	10.869		0.0000	0.0000%	5,580.4	0.067%	BB	0.088	1,051.96	0.0557%
36	11.198	g-BHC	1.2218	4.4387%	1,219,123.9	14.564%	BV	0.075	269,784.31	14.2849%
37	11.834	Heptachlor	1.2734	4.6263%	1,031,905.4	12.327%	VV	0.081	213,554.78	11.3076%

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38	12.178		0.0000	0.0000%	5,677.9	0.068%	VB	0.081	1,161.55	0.0615%
39	12.634		0.0000	0.0000%	2,506.3	0.030%	BB	0.094	442.79	0.0234%
40	12.954		0.0000	0.0000%	6,079.0	0.073%	BB	0.082	1,229.84	0.0651%
41	13.221		0.0000	0.0000%	670.3	0.008%	BB	0.128	87.48	0.0046%
42	13.372		0.0000	0.0000%	444.8	0.005%	BV	0.109	67.83	0.0036%
43	13.509		0.0000	0.0000%	570.1	0.007%	VV	0.087	108.75	0.0058%
44	13.665		0.0000	0.0000%	3,950.4	0.047%	VV	0.079	835.28	0.0442%
45	13.790		0.0000	0.0000%	6,351.1	0.076%	VV	0.077	1,368.95	0.0725%
46	13.950		0.0000	0.0000%	8,984.9	0.107%	VV	0.096	1,555.16	0.0823%
47	14.181		0.0000	0.0000%	20,257.4	0.242%	VB	0.143	2,366.05	0.1253%
48	14.595		0.0000	0.0000%	2,744.8	0.033%	BV	0.076	598.77	0.0317%
49	14.689		0.0000	0.0000%	3,820.6	0.046%	VV	0.078	813.86	0.0431%
50	14.792		0.0000	0.0000%	1,545.2	0.018%	VB	0.064	399.70	0.0212%
51	14.911		0.0000	0.0000%	472.5	0.006%	BB	0.054	146.56	0.0078%
52	15.153		0.0000	0.0000%	3,069.3	0.037%	BV	0.069	737.34	0.0390%
53	15.305	Hept. Epox.	1.2150	4.4141%	974,462.7	11.641%	VV	0.078	207,537.94	10.9890%
54	15.682		0.0000	0.0000%	44,679.0	0.534%	VV	0.150	4,956.90	0.2625%
55	15.816		0.0000	0.0000%	11,041.4	0.132%	VV	0.081	2,265.73	0.1200%
56	15.914		0.0000	0.0000%	2,923.6	0.035%	VV	0.061	800.32	0.0424%
57	16.036	CHLOR #1	1.2925	4.6956%	30,894.3	0.369%	VV	0.085	6,093.10	0.3226%
58	16.358		0.0000	0.0000%	14,744.9	0.176%	VV	0.080	3,058.74	0.1620%
59	16.474	CHLOR #2	1.2348	4.4860%	112,513.5	1.344%	VV	0.077	24,384.01	1.2911%
60	16.689	CHLOR #3	1.2616	4.5832%	75,176.1	0.898%	VV	0.073	17,066.33	0.9037%
61	16.802	CHLOR #4	1.2310	4.4721%	108,604.7	1.297%	VV	0.078	23,115.41	1.2239%
62	17.009		0.0000	0.0000%	15,603.2	0.186%	VV	0.085	3,061.77	0.1621%
63	17.192		0.0000	0.0000%	32,316.4	0.386%	VV	0.119	4,531.16	0.2399%
64	17.375		0.0000	0.0000%	19,313.0	0.231%	VV	0.071	4,502.57	0.2384%
65	17.471	CHLOR #5	1.3248	4.8128%	34,069.5	0.407%	VV	0.073	7,812.12	0.4136%
66	17.668		0.0000	0.0000%	18,939.8	0.226%	VV	0.108	2,932.54	0.1553%
67	17.750		0.0000	0.0000%	11,415.9	0.136%	VV	0.072	2,647.33	0.1402%
68	18.029	Endrin	1.0225	3.7146%	684,268.2	8.174%	VV	0.080	142,754.42	7.5588%
69	18.283		0.0000	0.0000%	44,147.6	0.527%	VV	0.129	5,703.03	0.3020%
70	18.470	TOX #1	2.7257	9.9024%	29,410.0	0.351%	VV	0.111	4,411.15	0.2336%
71	18.636		0.0000	0.0000%	16,036.8	0.192%	VV	0.082	3,245.03	0.1718%
72	18.756		0.0000	0.0000%	10,845.2	0.130%	VV	0.075	2,399.97	0.1271%
73	18.912		0.0000	0.0000%	29,695.1	0.355%	VV	0.138	3,588.10	0.1900%
74	19.065	TOX #2	2.9030	10.5463%	44,736.7	0.534%	VV	0.116	6,449.86	0.3415%
75	19.178		0.0000	0.0000%	25,935.8	0.310%	VB	0.095	4,528.99	0.2398%
76	19.619		0.0000	0.0000%	12,481.2	0.149%	BV	0.078	2,663.70	0.1410%
77	19.689		0.0000	0.0000%	3,956.8	0.047%	VB	0.051	1,290.17	0.0683%
78	19.789		0.0000	0.0000%	6,618.2	0.079%	BB	0.050	2,207.74	0.1169%
79	20.094	TOX #3	2.8370	10.3066%	36,057.2	0.431%	BV	0.108	5,576.38	0.2953%
80	20.448		0.0000	0.0000%	87,754.2	1.048%	VV	0.167	8,737.49	0.4626%
81	20.657		0.0000	0.0000%	20,364.1	0.243%	VV	0.118	2,883.23	0.1527%
82	20.828		0.0000	0.0000%	32,495.3	0.388%	VV	0.081	6,722.49	0.3560%
83	20.908		0.0000	0.0000%	27,187.6	0.325%	VV	0.068	6,624.17	0.3507%
84	20.966		0.0000	0.0000%	31,857.4	0.381%	VV	0.083	6,426.05	0.3403%
85	21.145		0.0000	0.0000%	22,530.7	0.269%	VB	0.116	3,234.08	0.1712%
86	21.386		0.0000	0.0000%	14,475.2	0.173%	BV	0.085	2,852.13	0.1510%
87	21.457		0.0000	0.0000%	11,461.4	0.137%	VV	0.062	3,081.91	0.1632%
88	21.562		0.0000	0.0000%	52,870.3	0.632%	VV	0.080	10,994.26	0.5821%
89	21.696		0.0000	0.0000%	9,660.5	0.115%	VB	0.056	2,859.34	0.1514%
90	21.820	TOX #4	2.8579	10.3827%	24,637.9	0.294%	BB	0.060	6,798.39	0.3600%
91	21.932		0.0000	0.0000%	5,960.5	0.071%	BB	0.061	1,632.05	0.0864%
92	22.071	TOX #5	3.2699	11.8795%	20,292.9	0.242%	BB	0.067	5,033.84	0.2665%
93	22.244	METHOXYCHLOR	1.5979	5.8051%	348,489.4	4.163%	BB	0.073	79,991.80	4.2355%
94	22.380		0.0000	0.0000%	9,698.7	0.116%	BB	0.055	2,943.98	0.1559%
95	22.589		0.0000	0.0000%	28,016.7	0.335%	BB	0.069	6,755.94	0.3577%
96	22.789		0.0000	0.0000%	9,557.6	0.114%	BB	0.065	2,457.81	0.1301%
97	22.931		0.0000	0.0000%	74,570.9	0.891%	BB	0.082	15,105.79	0.7998%

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98	23.200		0.0000	0.0000%	184,997.8	2.210%	BB	0.077	40,097.20	2.1231%
99	23.548		0.0000	0.0000%	3,169.1	0.038%	BB	0.058	917.05	0.0486%
00	23.653		0.0000	0.0000%	13,802.6	0.165%	BB	0.082	2,813.77	0.1490%
01	23.892		0.0000	0.0000%	11,817.2	0.141%	BB	0.075	2,614.32	0.1384%
02	24.026		0.0000	0.0000%	1,047.8	0.013%	BB	0.050	349.42	0.0185%
03	24.137		0.0000	0.0000%	3,205.1	0.038%	BB	0.060	885.61	0.0469%
04	24.252		0.0000	0.0000%	2,761.8	0.033%	BB	0.072	635.28	0.0336%
05	24.420		0.0000	0.0000%	1,720.9	0.021%	BB	0.070	407.82	0.0216%
06	24.651		0.0000	0.0000%	790.5	0.009%	BB	0.062	212.23	0.0112%
07	24.792		0.0000	0.0000%	731.1	0.009%	BB	0.080	152.27	0.0081%
08	24.915		0.0000	0.0000%	934.9	0.011%	BB	0.061	254.33	0.0135%
09	25.122		0.0000	0.0000%	3,387.9	0.040%	BB	0.073	774.56	0.0410%
10	25.253		0.0000	0.0000%	679.5	0.008%	BB	0.058	194.38	0.0103%
11	25.423		0.0000	0.0000%	1,207.1	0.014%	BB	0.140	143.30	0.0076%
12	25.680		0.0000	0.0000%	5,303.0	0.063%	BB	0.067	1,322.84	0.0700%
13	25.879	DCB	0.1337	0.4856%	98,215.9	1.173%	BB	0.085	19,250.93	1.0193%
14	26.310		0.0000	0.0000%	671.3	0.008%	BB	0.076	147.19	0.0078%
15	26.520		0.0000	0.0000%	800.9	0.010%	BB	0.078	171.94	0.0091%
16	26.698		0.0000	0.0000%	502.1	0.006%	BB	0.077	108.43	0.0057%
17	26.965		0.0000	0.0000%	465.8	0.006%	BB	0.090	85.89	0.0045%
18	27.314		0.0000	0.0000%	764.7	0.009%	BB	0.087	145.74	0.0077%
19	27.520		0.0000	0.0000%	1,629.7	0.019%	BB	0.076	358.92	0.0190%

otal area = 8370860 Total amount = 27.52579 Sample units = ug/mL Total height = 1888595

```
**********************   PESTICIDE/PCB ANALYSIS   *******************
*
* TODAY'S DATE....09-20-1994          TIME.....08:17:29
* RAW DATA FILE NAME..H:\CP2\HP7\G0919B.16R
* SAMPLE NAME.....B4010 SP BLK
* DATE TAKEN..Sep 19, 1994  19:31:34
* METHOD FILE.....H:\CP2\HP7\HP78080B.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLB21.CAL
* INSTRUMENT...... HP7--DetB                  OPERATOR.... DC
* RUN TIME........ 30
* AREA REJECT..... 0                 COM PORT....  6
* SAMPLE WEIGHT... 1                 DIL Factor.. 1
* Amount Injected  1                 Int Std Amt . 1
*********************************************************************
```

********** PEAKS DETECTED IN THIS CHROMATOGRAM **********

Peak #	Ret Time (min)	Peak Area	Peak Name	RESPONSE UG/ML	Surrogate % Recovery	AMOUNT UG/L	CF
24	5.805	93036	m-XYLENE	0.1234	123.42	1.2342	753792
36	11.198	1219124	g-BHC	1.2218	1221.78	12.2178	997823
37	11.834	1031905	Heptachlor	1.2734	1273.41	12.7341	810346
53	15.305	974463	Hept. Epox	1.2150	1215.01	12.1501	802023
57	16.036	30894	CHLOR #1	1.2925	1292.54	☆12.9254	23902
59	16.474	112513	CHLOR #2	1.2348	1234.81	☆12.3481	91118
60	16.689	75176	CHLOR #3	1.2616	1261.58	☆12.6158	59589
61	16.802	108605	CHLOR #4	1.2310	1230.98	☆12.3098	88226
65	17.471	34070	CHLOR #5	1.3247	1324.73	☆13.2473	25718
68	18.029	684268	Endrin	1.0225	1022.48	10.2248	669223
70	18.470	29410	TOX #1	2.7257	2725.67	☆☆27.2567	10790
74	19.065	44737	TOX #2	2.9029	2902.90	☆☆29.0290	15411
79	20.094	36057	TOX #3	2.8369	2836.91	☆☆28.3691	12710
90	21.820	24638	TOX #4	2.8579	2857.90	☆☆28.5789	8621
92	22.071	20293	TOX #5	3.2699	3269.88	☆☆32.6988	6206
93	22.244	348489	METHOXYCHL	1.5979	1597.89	15.9789	218093
113	25.879	98216	DCB	0.1337	133.68	1.3368	734731

Checked by [signature] Date 9-20-94 Datard [signature] Date 9-20-94

____<CRL

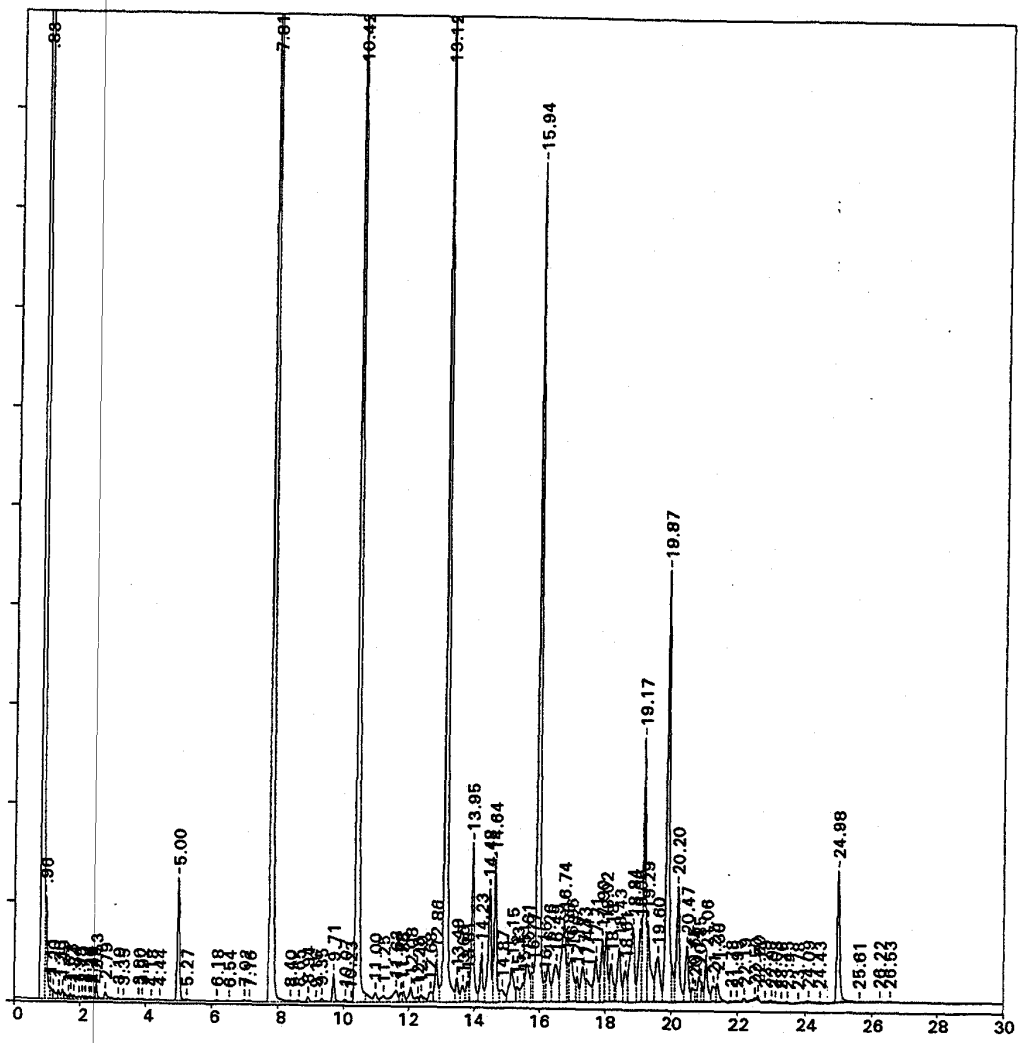
_____NOT CONFIRM

☆CHLOR
12.9254
12.3481
12.6158
12.3098
13.2473
$\bar{x}$ = 63.4464 ÷ 5 = 12.7

PRIMARY COLUMN

☆☆TOX
27.2567
29.0290
28.3691
28.5789
32.6988
$\bar{x}$ = 145.9325 ÷ 5 = 29.2

File=H:\CP2\HP7\G0919.16R Date printed=09-19-1994 Time= 19:31:38
Sample Name=B4010 SP BLK
0.0 to 30.0 min. Low Y=-0.564 High Y=199.436 mv Span=200.0



Confirmation Only

50173

RTx5
150C---6/MIN---275C
Data file = H:\CP2\HP7\G0919.16R
Date stamp = 09/19/94 Time = 19:31:32
Sample name = B4010 SP BLK
Collected on Sep 19, 1994 19:31:34 from port # 5
Operator = DC
Sequence file = HP70919.SEQ #17
Instrument = HP7--DET 7A
Method name = H:\CP2\HP7\HP78080.MET version # 52
Date method last modified = 09/19/94 Time = 13:23:44
Calibration file = H:\CP2\HP7\HP7TLP21.CAL version # 3
Date cal file last modified = 09/19/94 Time = 13:05:18
Run time = 30.00 minutes Area reject = 0
Amount injected = 1 Dilution Factor = 1
Sample Weight = 1 Internal Standard Amount = 1
Sampling rate = 5 per second
Peak detect threshold = 4 Starting peak width = .02 minutes
Chrom-Perfect Software Serial # 14691 Version = 6.07 For ARDL
Today's date = 09-19-1994 Time = 19:31:46

PK	Ret Time	Name	Amount	Amount %	Area	Area %	Type	Width	Height	Height %
1	0.830		0.0000	0.0000%	3,111,005.0	25.294%	BV	0.067	770,698.63	32.2359%
2	0.959		0.0000	0.0000%	90,648.2	0.737%	VV	0.073	20,619.76	0.8625%
3	1.114		0.0000	0.0000%	10,005.3	0.081%	VV	0.073	2,298.48	0.0961%
4	1.203		0.0000	0.0000%	11,087.5	0.090%	VV	0.101	1,833.14	0.0767%
5	1.364		0.0000	0.0000%	6,154.0	0.050%	VV	0.061	1,688.23	0.0706%
6	1.489		0.0000	0.0000%	7,950.8	0.065%	VV	0.076	1,742.50	0.0729%
7	1.666		0.0000	0.0000%	2,088.1	0.017%	VV	0.048	719.94	0.0301%
8	1.727		0.0000	0.0000%	4,528.6	0.037%	VV	0.066	1,135.82	0.0475%
9	1.840		0.0000	0.0000%	3,636.9	0.030%	VV	0.074	819.30	0.0343%
10	1.986		0.0000	0.0000%	2,907.9	0.024%	VV	0.107	454.21	0.0190%
11	2.096		0.0000	0.0000%	2,620.5	0.021%	VV	0.073	595.72	0.0249%
12	2.174		0.0000	0.0000%	3,009.9	0.024%	VV	0.081	621.26	0.0260%
13	2.303		0.0000	0.0000%	1,494.7	0.012%	VV	0.056	445.91	0.0187%
14	2.359		0.0000	0.0000%	1,827.4	0.015%	VV	0.062	491.31	0.0205%
15	2.454		0.0000	0.0000%	1,088.9	0.009%	VV	0.052	345.88	0.0145%
16	2.526		0.0000	0.0000%	10,271.9	0.084%	VV	0.055	3,092.52	0.1294%
17	2.794		0.0000	0.0000%	7,266.9	0.059%	VV	0.096	1,264.96	0.0529%
18	3.189		0.0000	0.0000%	1,301.3	0.011%	VV	0.074	291.41	0.0122%
19	3.352		0.0000	0.0000%	320.5	0.003%	VB	0.056	95.08	0.0040%
20	3.801		0.0000	0.0000%	1,022.0	0.008%	BV	0.061	279.92	0.0117%
21	3.916		0.0000	0.0000%	1,048.1	0.009%	VB	0.069	252.57	0.0106%
22	4.178		0.0000	0.0000%	240.5	0.002%	BB	0.085	47.12	0.0020%
23	4.440		0.0000	0.0000%	685.3	0.006%	BB	0.077	149.28	0.0062%
24	5.003	m-XYLENE	0.1236	0.2940%	120,971.9	0.984%	BV	0.081	24,780.37	1.0365%
25	5.269		0.0000	0.0000%	2,209.0	0.018%	VB	0.101	363.46	0.0152%
26	6.176		0.0000	0.0000%	1,704.7	0.014%	BB	0.085	336.20	0.0141%
27	6.540		0.0000	0.0000%	667.6	0.005%	BB	0.084	131.82	0.0055%
28	7.015		0.0000	0.0000%	1,560.2	0.013%	BV	0.082	317.57	0.0133%
29	7.162		0.0000	0.0000%	1,146.2	0.009%	VB	0.092	208.69	0.0087%
30	7.807	g-BHC	1.5281	3.6338%	1,611,255.9	13.100%	BV	0.086	313,049.69	13.0939%
31	8.398		0.0000	0.0000%	2,169.0	0.018%	VV	0.130	277.28	0.0116%
32	8.654		0.0000	0.0000%	2,113.7	0.017%	VV	0.101	348.48	0.0146%
33	8.938		0.0000	0.0000%	6,146.9	0.050%	VV	0.096	1,063.51	0.0445%
34	9.165		0.0000	0.0000%	1,537.8	0.013%	VV	0.104	247.39	0.0103%
35	9.348		0.0000	0.0000%	3,652.6	0.030%	VV	0.091	666.34	0.0279%
36	9.708		0.0000	0.0000%	25,560.8	0.208%	VB	0.078	5,456.40	0.2282%
37	10.069		0.0000	0.0000%	2,708.0	0.022%	BV	0.087	518.79	0.0217%

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38	10.232		0.0000	0.0000%	690.4	0.006%	VV	0.080	143.01	0.0060%
39	10.415	Heptachlor	1.7684	4.2050%	1,296,046.3	10.537%	VV	0.089	243,042.45	10.1657%
40	10.998		0.0000	0.0000%	12,596.7	0.102%	VV	0.122	1,727.81	0.0723%
41	11.252		0.0000	0.0000%	10,708.6	0.087%	VV	0.160	1,115.83	0.0467%
42	11.629		0.0000	0.0000%	24,834.1	0.202%	VV	0.186	2,220.06	0.0929%
43	11.775		0.0000	0.0000%	8,120.8	0.066%	VV	0.077	1,757.23	0.0735%
44	11.855		0.0000	0.0000%	10,174.0	0.083%	VV	0.087	1,957.07	0.0819%
45	12.081		0.0000	0.0000%	20,398.6	0.166%	VV	0.122	2,793.54	0.1168%
46	12.282		0.0000	0.0000%	5,406.3	0.044%	VV	0.109	822.92	0.0344%
47	12.400		0.0000	0.0000%	7,205.9	0.059%	VV	0.101	1,191.53	0.0498%
48	12.676		0.0000	0.0000%	13,814.7	0.112%	VV	0.127	1,818.29	0.0761%
49	12.864	CHLOR #1	1.6131	3.8359%	53,891.3	0.438%	VV	0.108	8,338.25	0.3488%
50	13.117	Hept. Epox.	1.4359	3.4145%	1,382,502.4	11.240%	VV	0.089	257,842.05	10.7847%
51	13.494	CHLOR #2	2.2267	5.2949%	26,220.3	0.213%	VV	0.095	4,594.83	0.1922%
52	13.658		0.0000	0.0000%	21,577.3	0.175%	VV	0.116	3,097.16	0.1295%
53	13.813		0.0000	0.0000%	22,540.9	0.183%	VV	0.095	3,966.48	0.1659%
54	13.950	CHLOR #3	1.5780	3.7523%	178,490.4	1.451%	VV	0.093	31,874.06	1.3332%
55	14.235		0.0000	0.0000%	54,397.6	0.442%	VV	0.094	9,615.14	0.4022%
56	14.476	CHLOR #4	1.6633	3.9552%	136,717.9	1.112%	VV	0.101	22,607.04	0.9456%
57	14.644	CHLOR #5	1.6522	3.9287%	148,210.6	1.205%	VV	0.088	28,059.38	1.1736%
58	14.866		0.0000	0.0000%	22,872.2	0.186%	VV	0.173	2,202.61	0.0921%
59	15.148		0.0000	0.0000%	65,148.7	0.530%	VV	0.163	6,659.70	0.2786%
60	15.332		0.0000	0.0000%	15,903.7	0.129%	VV	0.095	2,781.21	0.1163%
61	15.514		0.0000	0.0000%	24,443.1	0.199%	VV	0.116	3,503.47	0.1465%
62	15.610		0.0000	0.0000%	61,884.2	0.503%	VV	0.138	7,478.55	0.3128%
63	15.767		0.0000	0.0000%	25,188.1	0.205%	VV	0.074	5,703.82	0.2386%
64	15.938	Endrin	1.3508	3.2121%	929,573.5	7.558%	VV	0.091	169,321.73	7.0822%
65	16.158		0.0000	0.0000%	14,086.6	0.115%	VV	0.061	3,829.79	0.1602%
66	16.263	TOX #1	4.3630	10.3749%	54,372.7	0.442%	VV	0.122	7,397.89	0.3094%
67	16.488		0.0000	0.0000%	76,339.0	0.621%	VV	0.174	7,296.26	0.3052%
68	16.738	TOX #2	3.2142	7.6431%	140,996.4	1.146%	VV	0.148	15,900.03	0.6650%
69	16.853		0.0000	0.0000%	31,918.2	0.260%	VV	0.071	7,522.27	0.3146%
70	16.957		0.0000	0.0000%	74,216.7	0.603%	VV	0.147	8,397.57	0.3512%
71	17.147		0.0000	0.0000%	29,300.6	0.238%	VV	0.100	4,903.14	0.2051%
72	17.326		0.0000	0.0000%	51,400.3	0.418%	VV	0.126	6,812.62	0.2850%
73	17.436		0.0000	0.0000%	44,140.8	0.359%	VV	0.168	4,384.67	0.1834%
74	17.712	TOX #3	6.2458	14.8521%	71,150.2	0.578%	VV	0.134	8,854.86	0.3704%
75	17.905		0.0000	0.0000%	68,481.9	0.557%	VV	0.093	12,220.33	0.5111%
76	18.022		0.0000	0.0000%	84,936.5	0.691%	VV	0.102	13,891.35	0.5810%
77	18.185	TOX #4	6.0295	14.3376%	50,530.8	0.411%	VV	0.114	7,400.13	0.3095%
78	18.425		0.0000	0.0000%	74,350.3	0.604%	VV	0.119	10,453.02	0.4372%
79	18.613		0.0000	0.0000%	44,813.7	0.364%	VV	0.124	6,022.60	0.2519%
80	18.842	TOX #5	4.9374	11.7408%	138,112.6	1.123%	VV	0.159	14,494.69	0.6063%
81	19.060		0.0000	0.0000%	84,663.1	0.688%	VV	0.098	14,410.92	0.6028%
82	19.173		0.0000	0.0000%	303,832.7	2.470%	VV	0.096	52,957.57	2.2151%
83	19.292		0.0000	0.0000%	122,003.0	0.992%	VV	0.127	15,963.54	0.6677%
84	19.598		0.0000	0.0000%	82,454.3	0.670%	VV	0.159	8,640.49	0.3614%
85	19.873	METHOXYCHLOR	2.1819	5.1884%	491,339.2	3.995%	VV	0.094	86,663.18	3.6249%
86	20.201		0.0000	0.0000%	143,147.6	1.164%	VV	0.104	22,878.96	0.9570%
87	20.475		0.0000	0.0000%	66,282.0	0.539%	VV	0.103	10,706.85	0.4478%
88	20.653		0.0000	0.0000%	13,752.9	0.112%	VV	0.089	2,564.09	0.1072%
89	20.735		0.0000	0.0000%	8,317.6	0.068%	VV	0.066	2,108.36	0.0882%
90	20.847		0.0000	0.0000%	27,134.5	0.221%	VV	0.097	4,656.17	0.1948%
91	21.060		0.0000	0.0000%	47,270.5	0.384%	VV	0.099	7,995.25	0.3344%
92	21.272		0.0000	0.0000%	18,569.8	0.151%	VV	0.113	2,738.70	0.1146%
93	21.392		0.0000	0.0000%	20,331.6	0.165%	VB	0.100	3,377.36	0.1413%
94	21.783		0.0000	0.0000%	1,036.8	0.008%	BB	0.070	248.25	0.0104%
95	21.954		0.0000	0.0000%	1,344.4	0.011%	BB	0.111	201.57	0.0084%
96	22.190		0.0000	0.0000%	3,665.9	0.030%	BB	0.081	755.55	0.0316%
97	22.501		0.0000	0.0000%	1,940.3	0.016%	BB	0.088	366.09	0.0153%

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98	22.600		0.0000	0.0000%	3,442.8	0.028%	BB	0.063	914.41	0.0382%
99	22.785		0.0000	0.0000%	878.9	0.007%	BB	0.063	231.28	0.0097%
100	22.970		0.0000	0.0000%	2,252.7	0.018%	BB	0.090	416.51	0.0174%
101	23.084		0.0000	0.0000%	966.5	0.008%	BB	0.072	222.57	0.0093%
102	23.263		0.0000	0.0000%	518.6	0.004%	BB	0.058	149.19	0.0062%
103	23.451		0.0000	0.0000%	1,468.4	0.012%	BB	0.084	291.92	0.0122%
104	23.779		0.0000	0.0000%	402.4	0.003%	BB	0.096	70.18	0.0029%
105	24.087		0.0000	0.0000%	2,736.6	0.022%	BB	0.135	338.14	0.0141%
106	24.434		0.0000	0.0000%	1,221.7	0.010%	BB	0.070	289.21	0.0121%
107	24.980	DCB	0.1417	0.3368%	152,439.1	1.239%	BB	0.096	26,543.63	1.1102%
108	25.614		0.0000	0.0000%	342.4	0.003%	BB	0.069	83.29	0.0035%
109	26.223		0.0000	0.0000%	845.9	0.007%	BB	0.084	167.52	0.0070%
110	26.534		0.0000	0.0000%	624.5	0.005%	BB	0.115	90.70	0.0038%

Total area = 1.229955E+07 Total amount = 42.05353 Sample units = ug/mL Total height = 2390807

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**********************   PESTICIDE/PCB ANALYSIS   *******************
*
* TODAY'S DATE....09-20-1994          TIME.....08:19:07
* RAW DATA FILE NAME..H:\CP2\HP7\G0919.16R
* SAMPLE NAME.....B4010 SP BLK
* DATE TAKEN..Sep 19, 1994  19:31:34
* METHOD FILE.....H:\CP2\HP7\HP78080.MET
* CALIBRATION FILE...H:\CP2\HP7\HP7TLP21.CAL
* INSTRUMENT...... HP7--DET 7A                OPERATOR.... DC
* RUN TIME........ 30
* AREA REJECT..... 0                COM PORT....  5
* SAMPLE WEIGHT... 1                DIL Factor.. 1
* Amount Injected  1                Int Std Amt . 1
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********** PEAKS DETECTED IN THIS CHROMATOGRAM **********

Peak #	Ret Time (min)	Peak Area	Peak Name	RESPONSE UG/ML	Surrogate % Recovery	AMOUNT UG/L	CF
24	5.003	120972	m-XYLENE	0.1236	123.63	1.2363	978461
30	7.807	1611256	g-BHC	1.5281	1528.14	15.2814	1054391
39	10.415	1296046	Heptachlor	1.7684	1768.36	17.6836	732907
49	12.864	53891	CHLOR #1	1.6132	1613.17	16.1317	33407
50	13.117	1382502	Hept. Epox	1.4359	1435.93	14.3593	962795
51	13.494	26220	CHLOR #2	2.2266	2226.59	22.2659	11776
54	13.950	178490	CHLOR #3	1.5780	1577.97	15.7797	113114
56	14.476	136718	CHLOR #4	1.6633	1663.28	16.6328	82198
57	14.644	148211	CHLOR #5	1.6522	1652.18	16.5218	89706
64	15.938	929574	Endrin	1.3508	1350.79	13.5079	688171
66	16.263	54373	TOX #1	4.3631	4363.08	43.6308	12462
68	16.738	140996	TOX #2	3.2142	3214.18	32.1418	43867
74	17.712	71150	TOX #3	6.2456	6245.63	62.4563	11392
77	18.185	50531	TOX #4	6.0292	6029.21	60.2921	8381
80	18.842	138113	TOX #5	4.9374	4937.35	49.3735	27973
85	19.873	491339	METHOXYCHL	2.1819	2181.90	21.8190	225189
107	24.980	152439	DCB	0.1417	141.65	1.4165	1076164

Checked by [signature] Date 9-20-94 Datard [signature] Date 9-20-94

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_____NOT CONFIRM

CONFIRMATION COLUMN