

US EPA ARCHIVE DOCUMENT



ISSUED CTN _____
Wells G&H _____
7.6 _____
SS 3628 _____

**REMEDIAL ACTION COMPLETION REPORT
DEBRIS, SLUDGE, AND MIXED-CONTAMINANT SOIL REMOVAL**

**APPENDIX V
CLP DATA Packages**



SDMS DocID 553628

**VOLUME 5
SDG-18, Soil
SDG-19, Soil**

**Wildwood Property
Wells G & H Superfund Site
Woburn, MA**

Prepared For:

BEATRICE COMPANY

Prepared By:

**REMEDIATION TECHNOLOGIES, INC.
9 Pond Lane
Concord, MA 01742**

RETEC Project No.: 3-0947-730

MARCH 1995



File : C:\EZCHROM\CHROM\EC1CLP\GPCCHK
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : GPCCHK
Acquired : Sep 13, 1994 14:48:19
User : mb

Channel B Results

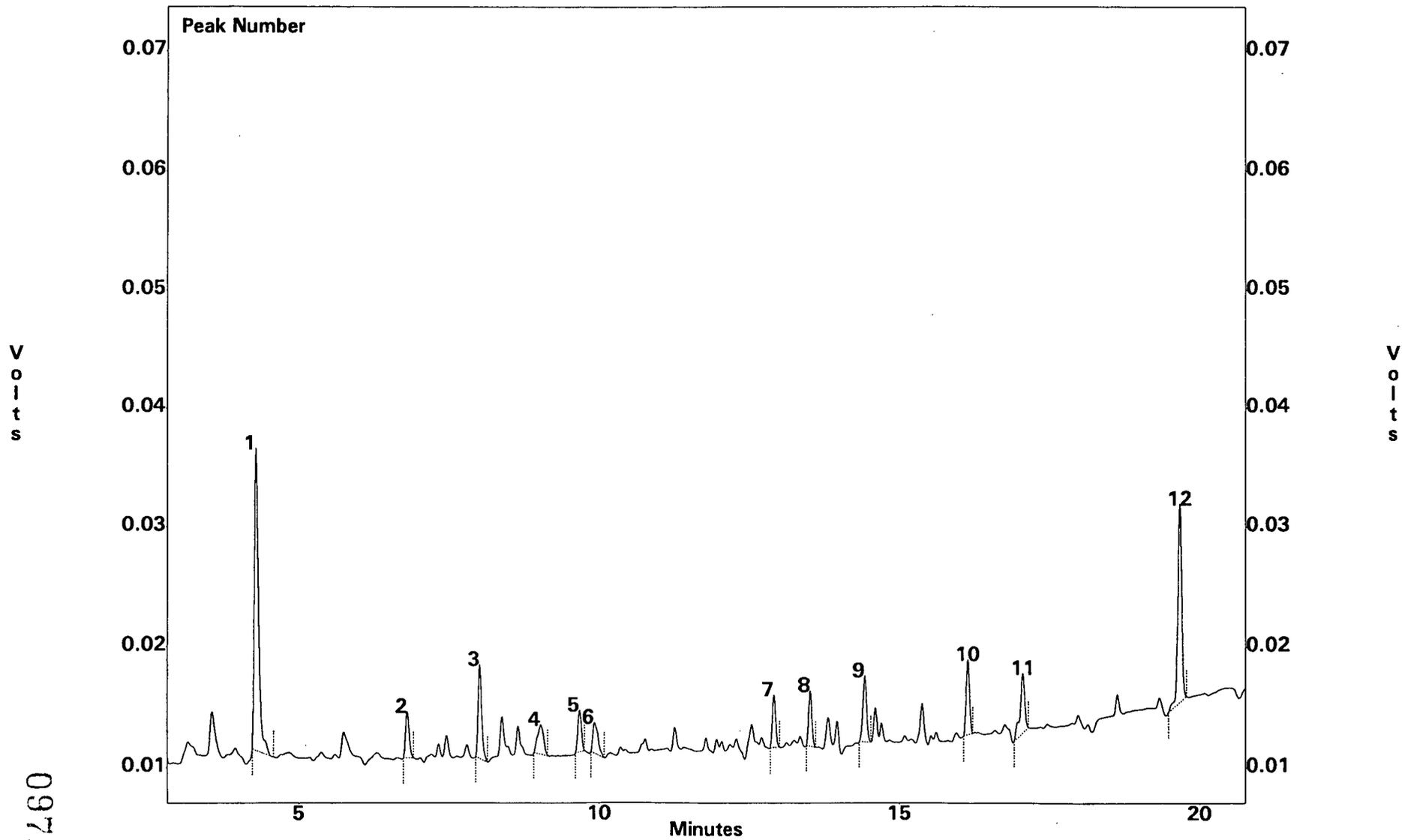
PEAK #	COMPOUND	RT	AREA
12		9.75	147503
13		9.87	26407
14		9.98	60800
15		10.41	27787
18		10.99	69164
19		11.04	58810
20		11.13	61759
24		12.02	390167
27		12.56	126136
28		12.80	55897
30		13.21	15736
31		13.33	19128
32		13.62	27505
33		13.84	180629
36		14.91	20680
37		15.22	25736
39		19.13	364622

SDG-18
Confirmed

0970

File : C:\EZCHROM\CHROM\EC1\CLP\AR166002
Method : C:\EZCHROM\METHODS\EC1\CLP\EC1CLP.MET
Sample ID : AR166002
Acquired : Sep 13, 1994 10:46:48
User : MB

C:\EZCHROM\CHROM\EC1\CLP\AR166002 -- Channel B



US EPA ARCHIVE DOCUMENT

0971

File : C:\EZCHROM\CHROM\EC1\CLP\AR166002
 Method : C:\EZCHROM\METHODS\EC1\CLP\EC1CLP.MET
 Sample ID : AR166002
 Acquired : Sep 13, 1994 10:46:48
 User : MB

Channel B Results

PEAK #	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.29	125421	27
--	alpha BHC	6.68	0	0
--	gamma BHC	7.77	0	0
--	HEPTACHLOR	8.23	0	0
--	ALDRIN	8.90	0	0
--	BETA BHC	10.12	0	0
--	DELTA BHC	10.61	0	0
--	HEPTACHLOR EPOXIDE	10.88	0	0
--	ENDOSULFAN I	11.54	0	0
--	gamma CHLORDANE	11.81	0	0
--	alpha CHLORDANE	11.98	0	0
--	P,P' DDE	12.31	0	0
--	DIELDRIN	12.53	0	0
--	ENDRIN	13.06	0	0
9	ENDOSULFAN II	14.43	24808	8
--	P,P' DDD	14.47	0	0
--	P,P' DDT	14.86	0	0
--	ENDRIN ALDEHYDE	15.60	0	0
--	endosulfan sulfate	16.47	0	0
--	methoxychlor	16.62	0	0
--	ENDRIN KETONE	17.38	0	0
12	DCB	19.67	73418	17

Channel B Results

PEAK #	COMPOUND	RT	AREA
2		6.80	16300
3		8.00	33057
4		9.02	16470
5		9.66	15011
6		9.92	16365
7		12.91	17043
8		13.52	18247

Continued...

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0972

File : C:\EZCHROM\CHROM\EC1\CLP\AR166002
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Sample ID : AR166002
Acquired : Sep 13, 1994 10:46:48
User : MB

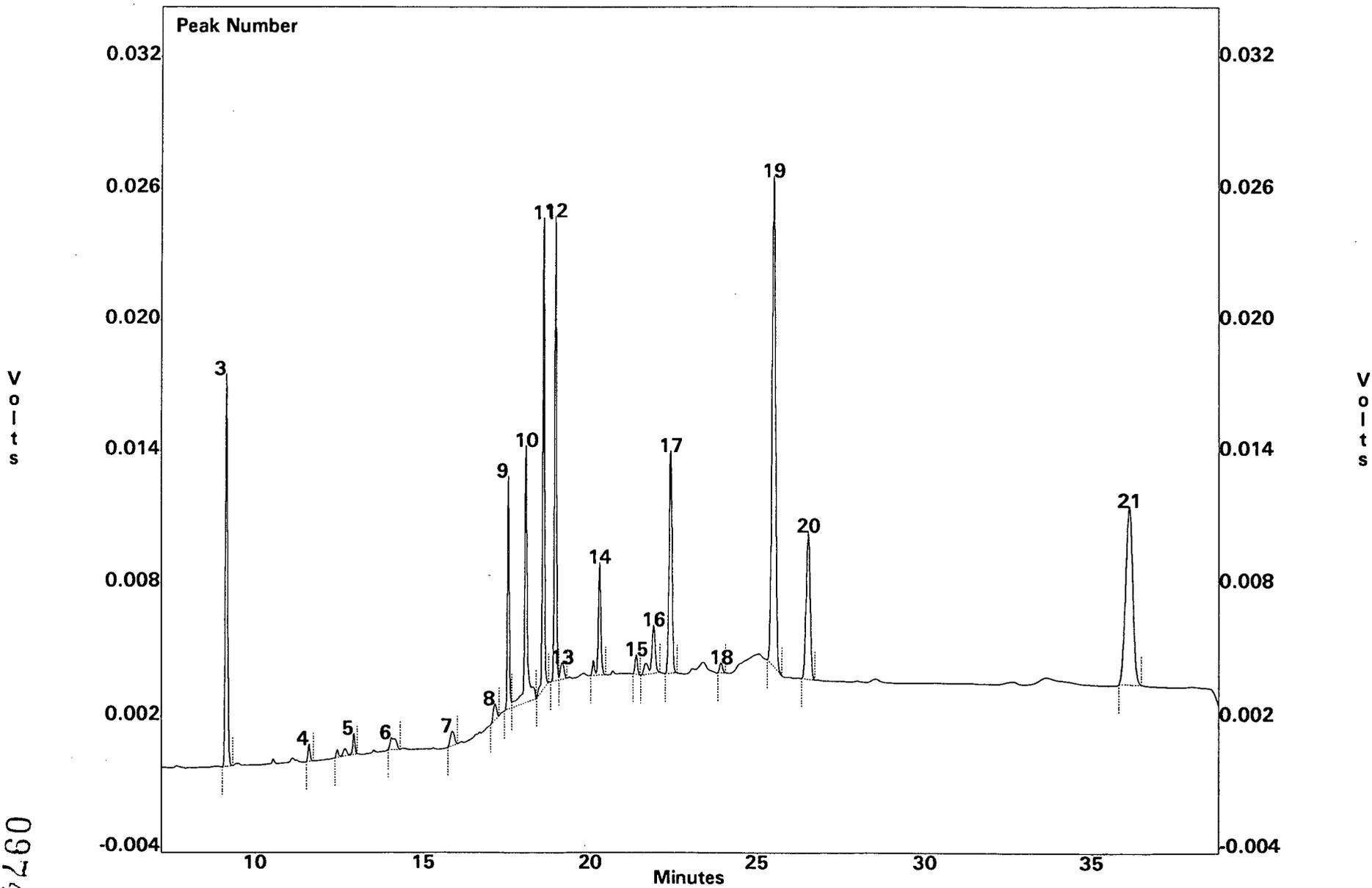
Channel B Results

PEAK #	COMPOUND	RT	AREA
10		16.14	23630
11		17.06	27119

0973

File : C:\EZCHROM\CHROM\EC2\CLP\RES01.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : RES01
Acquired : Sep 05, 1994 06:07:07
User : MB

C:\EZCHROM\CHROM\EC2\CLP\RES01.GC2 -- Channel B



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0974

File : C:\EZCHROM\CHROM\EC2\CLP\RES01.GC2
 Sample ID : RES01
 Acquired : Sep 05, 1994 06:07:07

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
3	TCMX	9.167	83151	24.165
4	alpha BHC	11.600	3397	0.875
5	gamma BHC	12.933	8201	2.095
--	BETA BHC	13.150	0	0.000
6	HEPTACHLOR	14.058	6306	1.375
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
8	HEPTACHLOR EPOXIDE	17.167	4945	1.412
9	gamma CHLORDANE	17.567	39828	11.619
--	alpha CHLORDANE	17.992	0	0.000
10	ENDOSULFAN I	18.092	63603	16.916
11	P,P' DDE	18.600	78996	25.520
12	DIELDRIN	18.942	86226	24.927
--	ENDRIN	20.108	0	0.000
14	P,P' DDD	20.283	27548	11.269
--	ENDOSULFAN II	20.692	0	0.000
15	P,P' DDT	21.383	4290	2.581
16	ENDRIN ALDEHYDE	21.900	18453	10.512
17	ENDOSULFAN SULFATE	22.400	59689	29.016
19	METHOXYCHLOR	25.492	158724	117.288
20	ENDRIN KETONE	26.525	52859	29.313
21	DCB	36.083	118354	32.090

Channel B Results

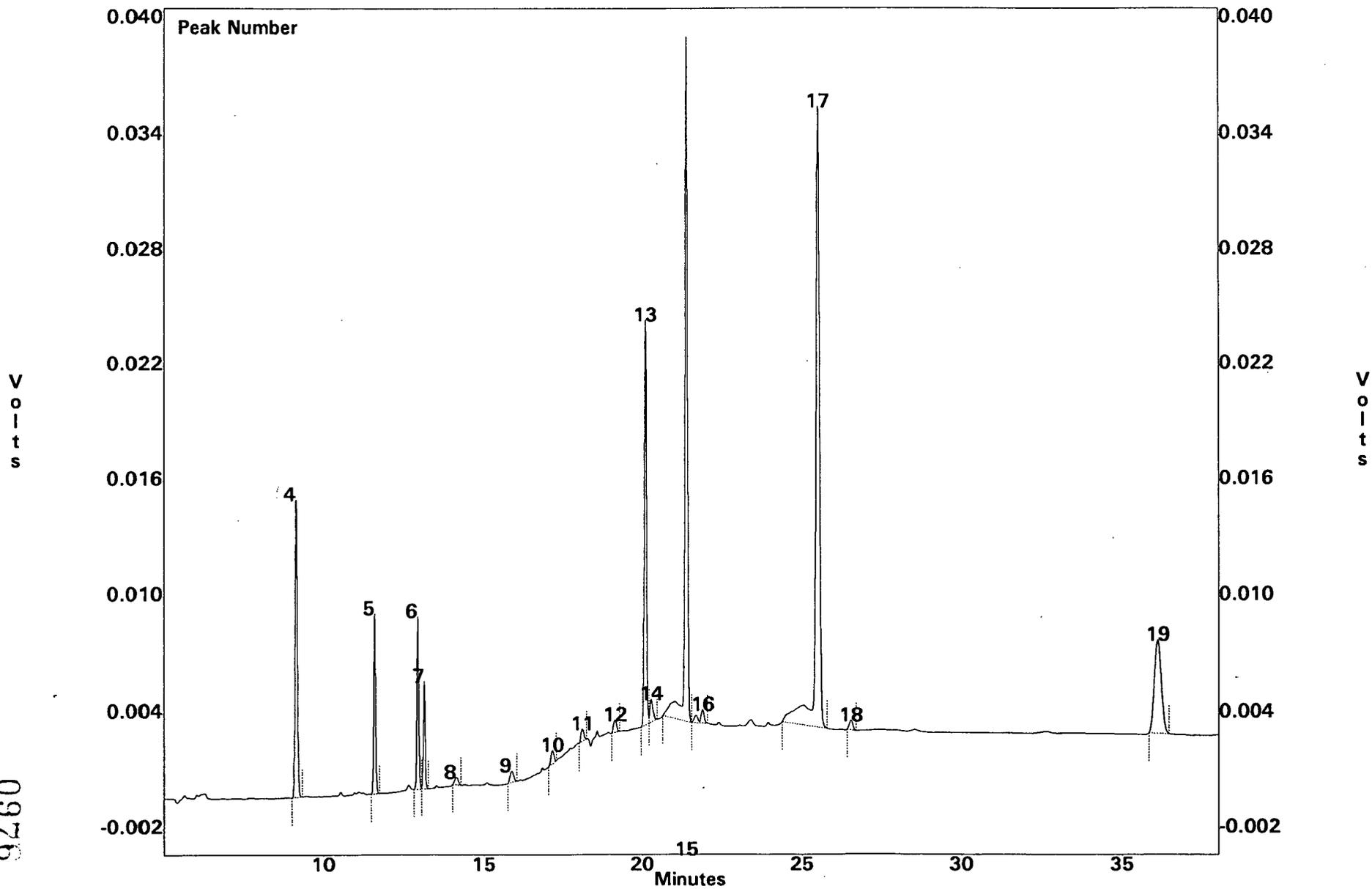
PEAK #	RT, MIN	AREA
1	1.242	5099678
2	4.158	3244
7	15.892	5875
13	19.150	5508
18	23.925	2558

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0975

File : C:\EZCHROM\CHROM\EC2\CLP\PEM01.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : PEM01
Acquired : Sep 05, 1994 06:48:14
User : MB

C:\EZCHROM\CHROM\EC2\CLP\PEM01.GC2 -- Channel B



US EPA ARCHIVE DOCUMENT

9260

File : C:\EZCHROM\CHROME\EC2\CLP\PEM01.GC2
 Sample ID : PEM01
 Acquired : Sep 05, 1994 06:48:14

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.167	71875	20.888
5	alpha BHC	11.608	36142	9.310
6	gamma BHC	12.942	35007	8.943
7	BETA BHC	13.150	22271	11.321
--	HEPTACHLOR	14.058	0	0.000
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
10	HEPTACHLOR EPOXIDE	17.167	4415	1.260
--	gamma CHLORDANE	17.575	0	0.000
--	alpha CHLORDANE	17.992	0	0.000
11	ENDOSULFAN I	18.133	4153	1.105
--	P,P' DDE	18.600	0	0.000
--	DIELDRIN	18.950	0	0.000
13	ENDRIN	20.108	96984	48.927
14	P,P' DDD	20.292	7692	3.147
--	ENDOSULFAN II	20.692	0	0.000
15	P,P' DDT	21.392	192795	115.994
16	ENDRIN ALDEHYDE	21.900	7468	4.255
--	ENDOSULFAN SULFATE	22.417	0	0.000
17	METHOXYCHLOR	25.500	280011	206.913
18	ENDRIN KETONE	26.533	3936	2.183
19	DCB	36.108	69881	18.948

Channel B Results

PEAK #	RT, MIN	AREA
1	1.183	217821
2	1.725	4981
3	4.150	3833
8	14.158	3186
9	15.892	4850

Continued...

4760

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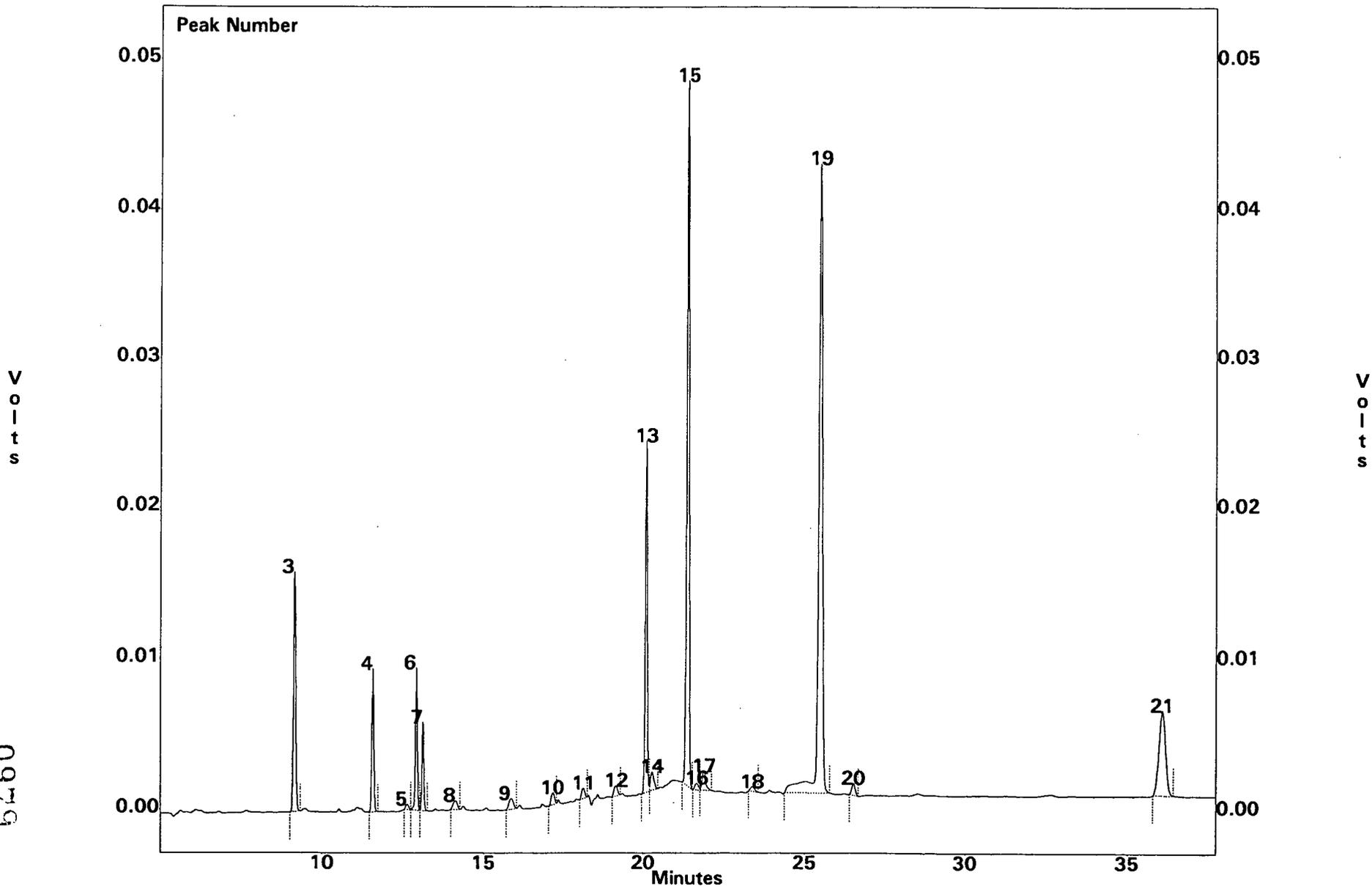
Channel B Results

PEAK #	RT, MIN	AREA
12	19.158	4442

0978

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Sample ID : PEM02
Acquired : Sep 05, 1994 18:49:44
User : MB

C:\EZCHROM\CHROM\EC2\CLP\PEM02.GC2 -- Channel B



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File : C:\EZCHROM\CHROM\EC2\CLP\PEM02.GC2
Sample ID : PEM02
Acquired : Sep 05, 1994 18:49:44

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
3	TCMX	9.158	73968	21.496
4	alpha BHC	11.608	38087	9.811
6	gamma BHC	12.933	38192	9.757
7	BETA BHC	13.142	23336	11.863
8	HEPTACHLOR	14.150	5708	1.244
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
10	HEPTACHLOR EPOXIDE	17.158	5640	1.610
--	gamma CHLORDANE	17.575	0	0.000
--	alpha CHLORDANE	17.992	0	0.000
11	ENDOSULFAN I	18.133	4835	1.286
--	P,P' DDE	18.600	0	0.000
--	DIELDRIN	18.950	0	0.000
13	ENDRIN	20.100	106088	53.520
14	P,P' DDD	20.283	8935	3.655
--	ENDOSULFAN II	20.692	0	0.000
15	P,P' DDT	21.383	231560	139.317
17	ENDRIN ALDEHYDE	21.900	9654	5.500
--	ENDOSULFAN SULFATE	22.417	0	0.000
19	METHOXYCHLOR	25.492	351557	259.782
20	ENDRIN KETONE	26.517	6078	3.371
21	DCB	36.075	82378	22.336

Channel B Results

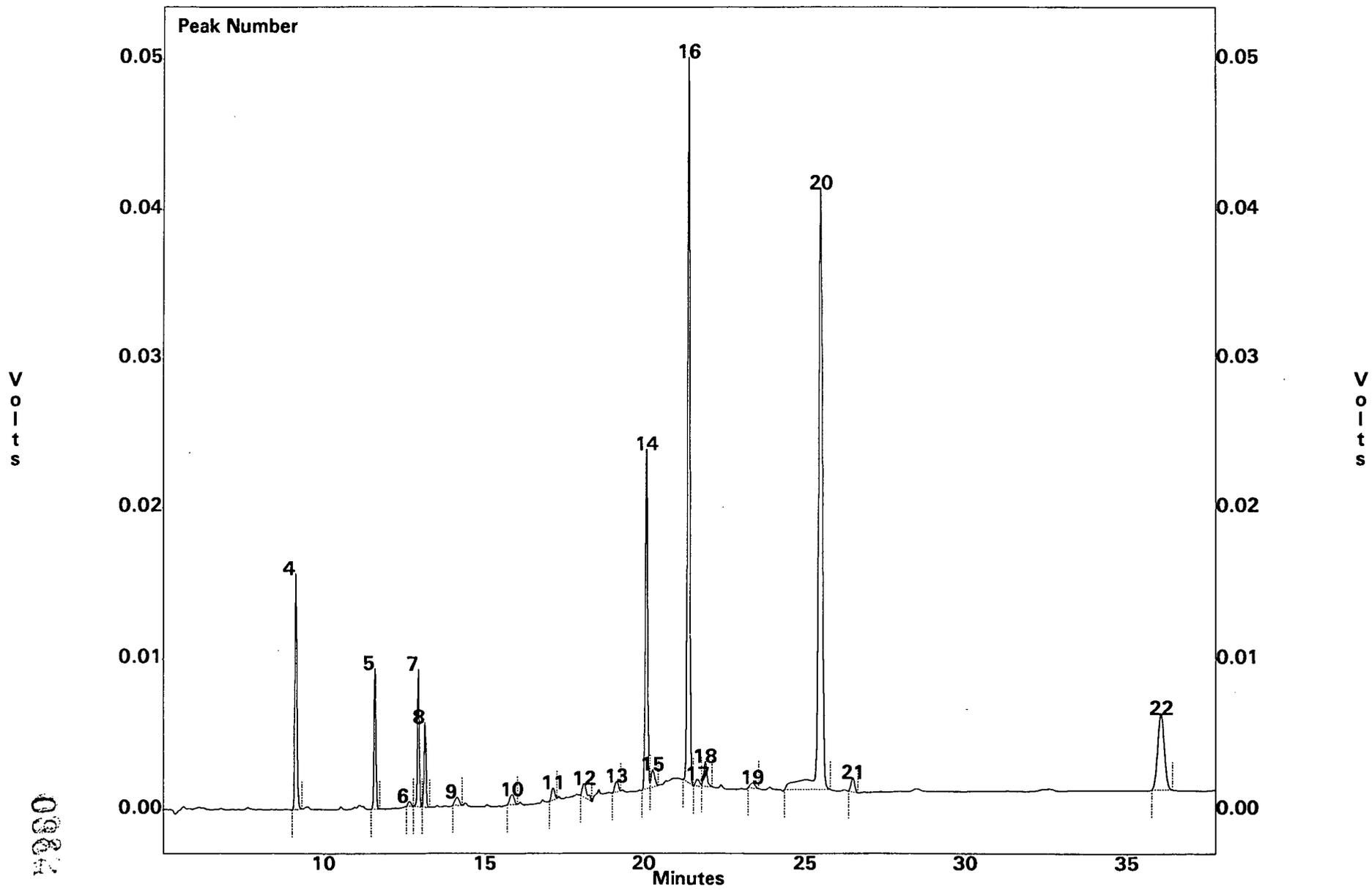
PEAK #	RT, MIN	AREA
1	1.183	209899
2	4.158	2722
5	12.667	2468
9	15.883	7056
12	19.150	5292
16	21.675	3770
18	23.383	2832

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File : C:\EZCHROM\CHROM\EC2\CLP\PEM03.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : PEM03
Acquired : Sep 06, 1994 10:01:40
User : MB

C:\EZCHROM\CHROM\EC2\CLP\PEM03.GC2 -- Channel B



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0981
#280

File : C:\EZCHROM\CHROME2\CLP\PEM03.GC2
Sample ID : PEM03
Acquired : Sep 06, 1994 10:01:40

Channel B Results

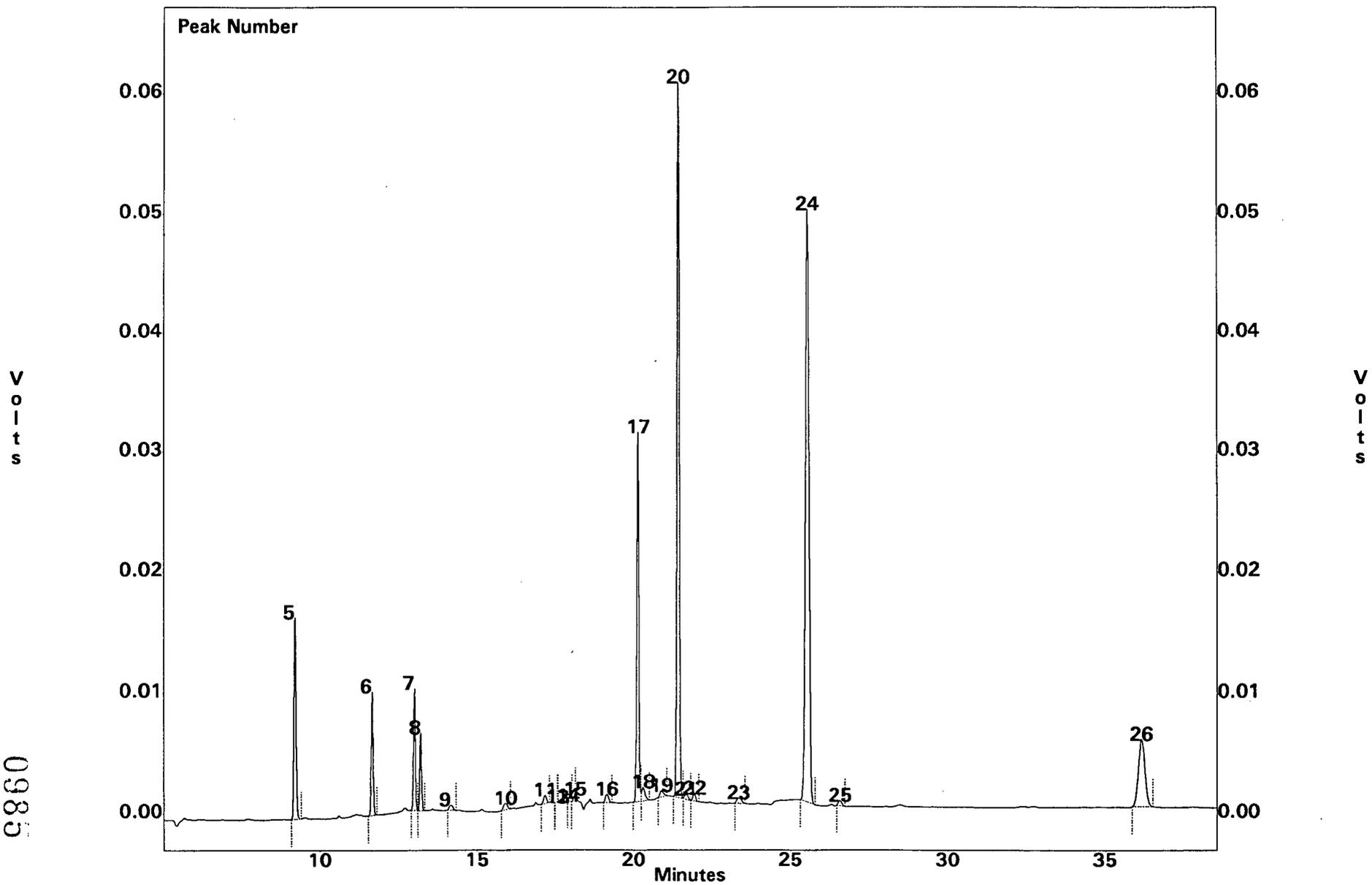
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.150	73577	21.383
5	alpha BHC	11.600	37125	9.563
7	gamma BHC	12.933	36377	9.293
8	BETA BHC	13.133	22652	11.515
9	HEPTACHLOR	14.150	5229	1.140
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
11	HEPTACHLOR EPOXIDE	17.150	5642	1.610
--	gamma CHLORDANE	17.575	0	0.000
--	alpha CHLORDANE	17.992	0	0.000
12	ENDOSULFAN I	18.125	9351	2.487
--	P,P' DDE	18.600	0	0.000
--	DIELDRIN	18.950	0	0.000
14	ENDRIN	20.083	104359	52.648
15	P,P' DDD	20.275	8455	3.459
--	ENDOSULFAN II	20.692	0	0.000
16	P,P' DDT	21.375	234512	141.093
18	ENDRIN ALDEHYDE	21.883	11469	6.534
--	ENDOSULFAN SULFATE	22.417	0	0.000
20	METHOXYCHLOR	25.475	337964	249.737
21	ENDRIN KETONE	26.500	7449	4.131
22	DCB	36.050	74804	20.282

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0986

File : C:\EZCHROM\CHROM\EC2\CLP\PEM04
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : PEM04
Acquired : Sep 13, 1994 09:56:12
User : MB

C:\EZCHROM\CHROM\EC2\CLP\PEM04 -- Channel B



Channel B Results

PEAK #	RT, MIN	AREA
1	1.192	214593
2	1.725	3519
3	4.133	3692
6	12.658	2216
10	15.875	6556
13	19.142	5445
17	21.650	3966
19	23.367	3487

0984

File : C:\EZCHROM\CHROMEC2\CLP\PEM04
Sample ID : PEM04
Acquired : Sep 13, 1994 09:56:12

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.225	77702	22.581
6	alpha BHC	11.667	40054	10.318
7	gamma BHC	12.992	39402	10.066
8	BETA BHC	13.200	25325	12.873
--	HEPTACHLOR	14.058	0	0.000
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
11	HEPTACHLOR EPOXIDE	17.183	4544	1.297
13	gamma CHLORDANE	17.583	45	0.013
14	alpha CHLORDANE	17.925	157	0.040
15	ENDOSULFAN I	18.142	203	0.054
--	P,P' DDE	18.600	0	0.000
--	DIELDRIN	18.950	0	0.000
17	ENDRIN	20.142	142871	72.077
18	P,P' DDD	20.317	8231	3.367
--	ENDOSULFAN II	20.692	0	0.000
20	P,P' DDT	21.417	299042	179.917
22	ENDRIN ALDEHYDE	21.925	4100	2.336
--	ENDOSULFAN SULFATE	22.417	0	0.000
24	METHOXYCHLOR	25.533	381504	281.911
25	ENDRIN KETONE	26.567	3169	1.757
26	DCB	36.142	83894	22.747

Channel B Results

PEAK #	RT, MIN	AREA
1	1.217	244913
2	1.583	15559
3	1.767	10556
4	4.208	2884
9	14.183	3567
10	15.925	4842
12	17.567	53
16	19.158	5153
19	20.892	3962
21	21.667	3203
23	23.358	4411

0987

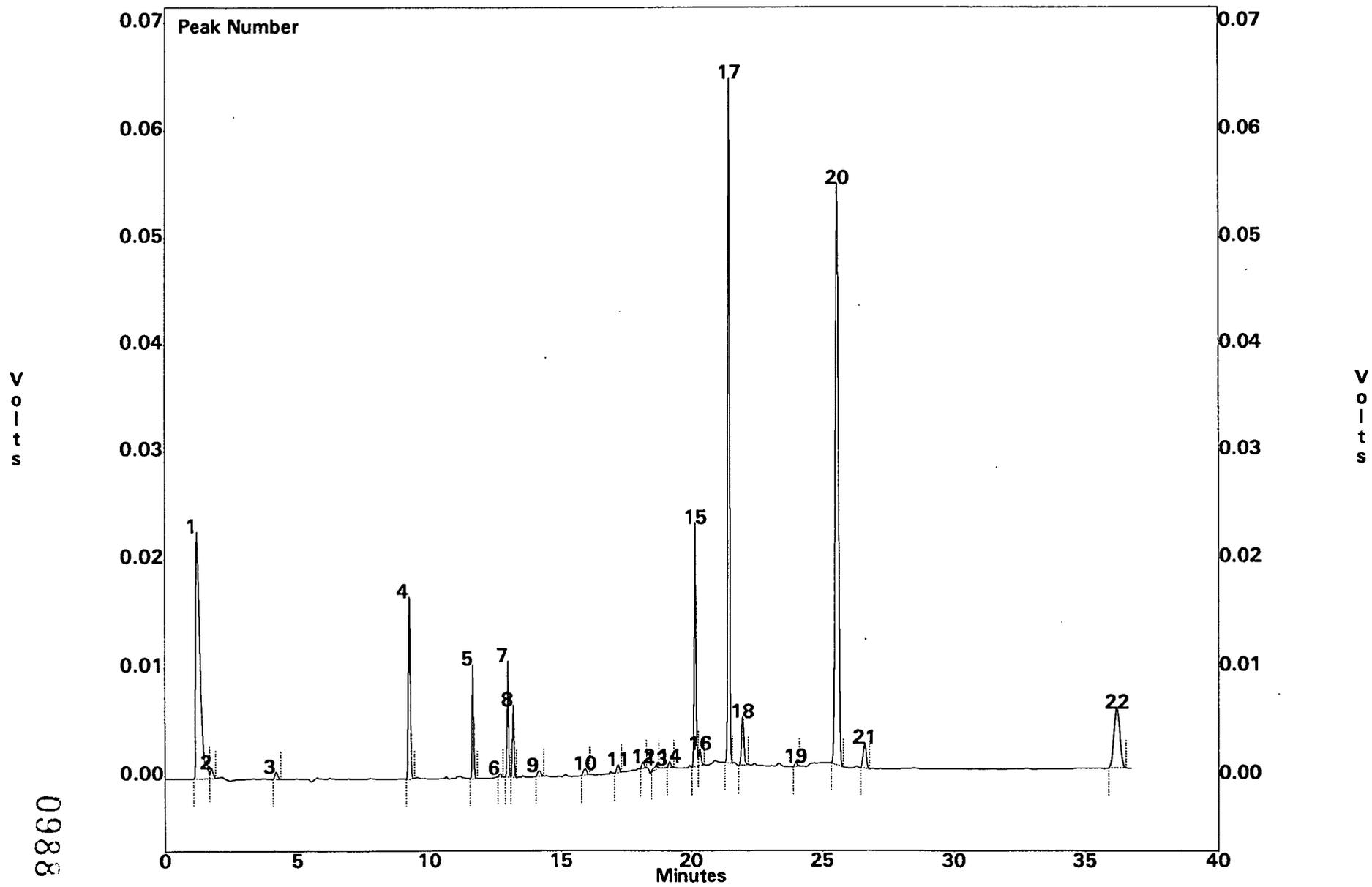
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Acquired : Sep 14, 1994 02:50:43

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.242	79598	23.132
5	alpha BHC	11.683	42363	10.913
7	gamma BHC	13.017	41904	10.705
8	BETA BHC	13.217	26796	13.622
--	HEPTACHLOR	14.058	0	0.000
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
11	HEPTACHLOR EPOXIDE	17.192	4872	1.391
--	gamma CHLORDANE	17.575	0	0.000
--	alpha CHLORDANE	17.992	0	0.000
12	ENDOSULFAN I	18.150	3732	0.993
13	P,P' DDE	18.650	3768	1.218
--	DIELDRIN	18.950	0	0.000
15	ENDRIN	20.158	106427	53.691
16	P,P' DDD	20.333	8890	3.637
--	ENDOSULFAN II	20.692	0	0.000
17	P,P' DDT	21.442	314541	189.242
18	ENDRIN ALDEHYDE	21.958	28899	16.463
--	ENDOSULFAN SULFATE	22.417	0	0.000
20	METHOXYCHLOR	25.558	413384	305.468
21	ENDRIN KETONE	26.600	19470	10.797
22	DCB	36.192	82814	22.454

File : C:\EZCHROM\CHROM\EC2\CLP\PEM05
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : PEM05
Acquired : Sep 14, 1994 02:50:43
User : MB

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Channel B Results

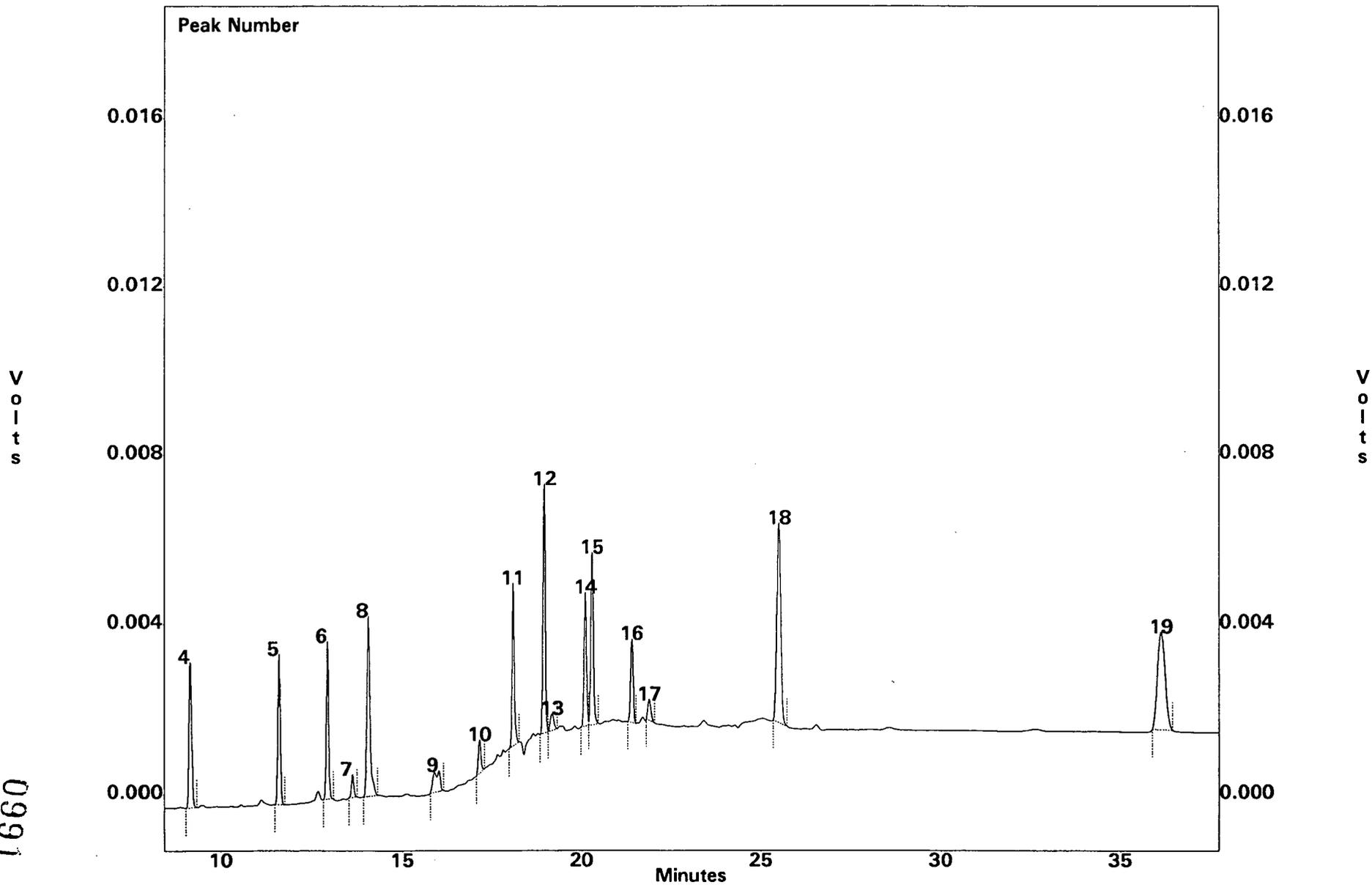
PEAK #	RT, MIN	AREA
1	1.225	260358
2	1.775	6970
3	4.217	4693
6	12.717	1849
9	14.192	4791
10	15.933	5199
14	19.158	3673
19	23.983	2785

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File : C:\EZCHROM\CHROM\EC2\CLP\INDAL01.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : indal01
Acquired : Sep 05, 1994 12:35:20
User : MB

C:\EZCHROM\CHROM\EC2\CLP\INDAL01.GC2 -- Channel B



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T660

File : C:\EZCHROM\CHROM\EC2\CLP\INDAL01.GC2
Sample ID : indal01
Acquired : Sep 05, 1994 12:35:20

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.167	16333	4.747
5	alpha BHC	11.617	14900	3.838
6	gamma BHC	12.942	15615	3.989
--	BETA BHC	13.150	0	0.000
8	HEPTACHLOR	14.058	24238	5.283
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
10	HEPTACHLOR EPOXIDE	17.167	4278	1.221
--	gamma CHLORDANE	17.575	0	0.000
--	alpha CHLORDANE	17.992	0	0.000
11	ENDOSULFAN I	18.092	16943	4.506
--	P,P' DDE	18.600	0	0.000
12	DIELDRIN	18.950	24962	7.216
14	ENDRIN	20.108	15122	7.629
15	P,P' DDD	20.292	18679	7.641
--	ENDOSULFAN II	20.692	0	0.000
16	P,P' DDT	21.392	9755	5.869
17	ENDRIN ALDEHYDE	21.875	3098	1.765
--	ENDOSULFAN SULFATE	22.417	0	0.000
18	METHOXYCHLOR	25.508	34446	25.454
--	ENDRIN KETONE	26.542	0	0.000
19	DCB	36.117	32921	8.926

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Channel B Results

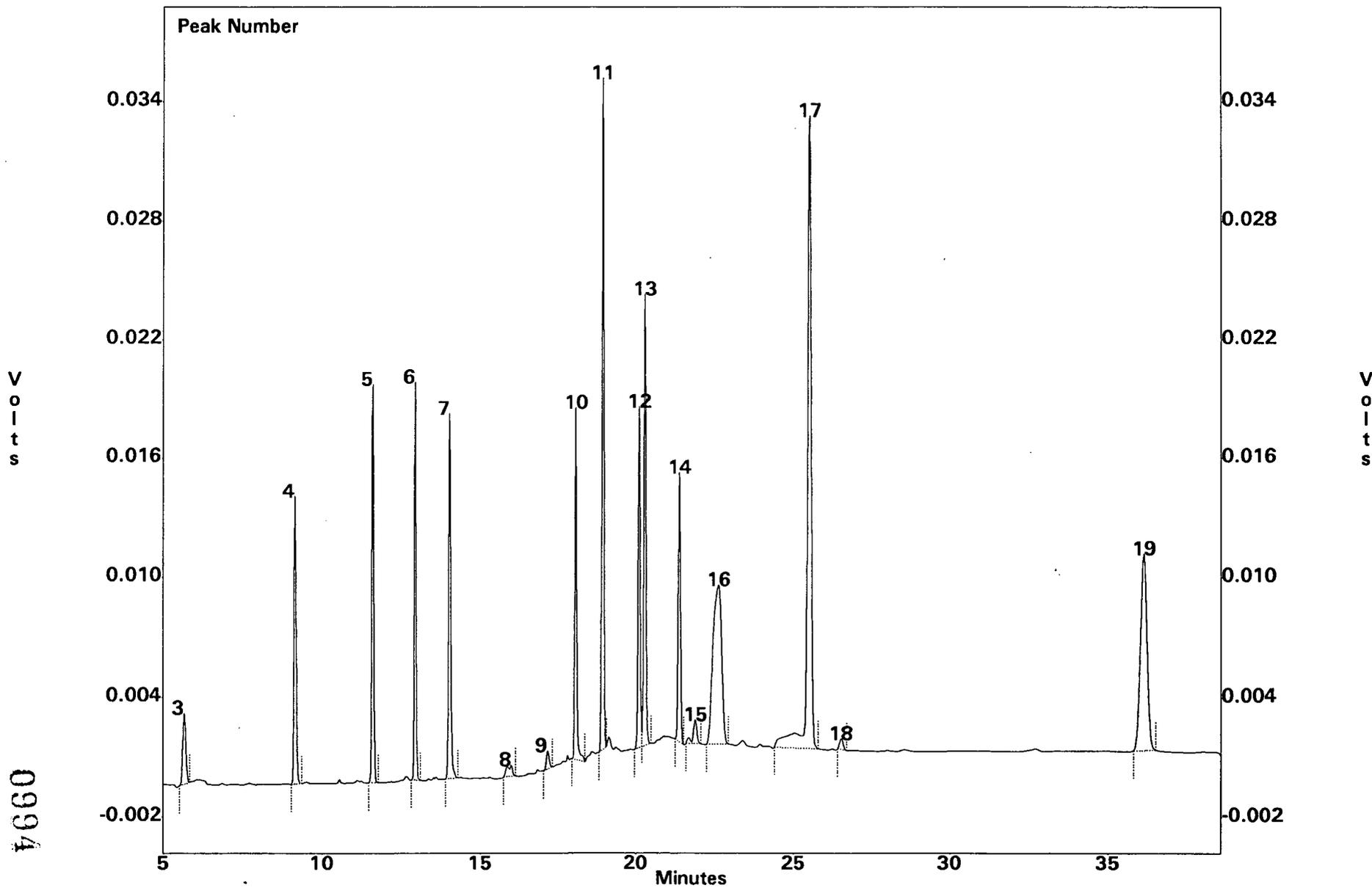
PEAK #	RT, MIN	AREA
1	1.167	191045
2	4.167	3069
3	5.683	99095
7	13.625	2466
9	16.017	6068
13	19.167	2647

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0993

File : C:\EZCHROM\CHROM\EC2\CLP\INDAM01.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : INDAM01
Acquired : Sep 05, 1994 14:39:57
User : MB

C:\EZCHROM\CHROM\EC2\CLP\INDAM01.GC2 -- Channel B



US EPA ARCHIVE DOCUMENT

0994

File : C:\EZCHROM\CHROM\EC2\CLP\INDAM01.GC2
Sample ID : INDAM01
Acquired : Sep 05, 1994 14:39:57

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.167	68820	20.000
5	alpha BHC	11.617	77639	20.000
6	gamma BHC	12.950	78290	20.000
--	BETA BHC	13.150	0	0.000
7	HEPTACHLOR	14.058	91754	20.000
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
9	HEPTACHLOR EPOXIDE	17.167	5326	1.520
--	gamma CHLORDANE	17.575	0	0.000
--	alpha CHLORDANE	17.992	0	0.000
10	ENDOSULFAN I	18.100	75201	20.000
--	P,P' DDE	18.600	0	0.000
11	DIELDRIN	18.950	138366	40.000
12	ENDRIN	20.108	79288	40.000
13	P,P' DDD	20.292	97784	40.000
--	ENDOSULFAN II	20.692	0	0.000
14	P,P' DDT	21.400	66484	40.000
15	ENDRIN ALDEHYDE	21.900	10710	6.101
--	ENDOSULFAN SULFATE	22.417	0	0.000
17	METHOXYCHLOR	25.517	270656	200.000
18	ENDRIN KETONE	26.542	4275	2.371
19	DCB	36.142	147526	40.000

Channel B Results

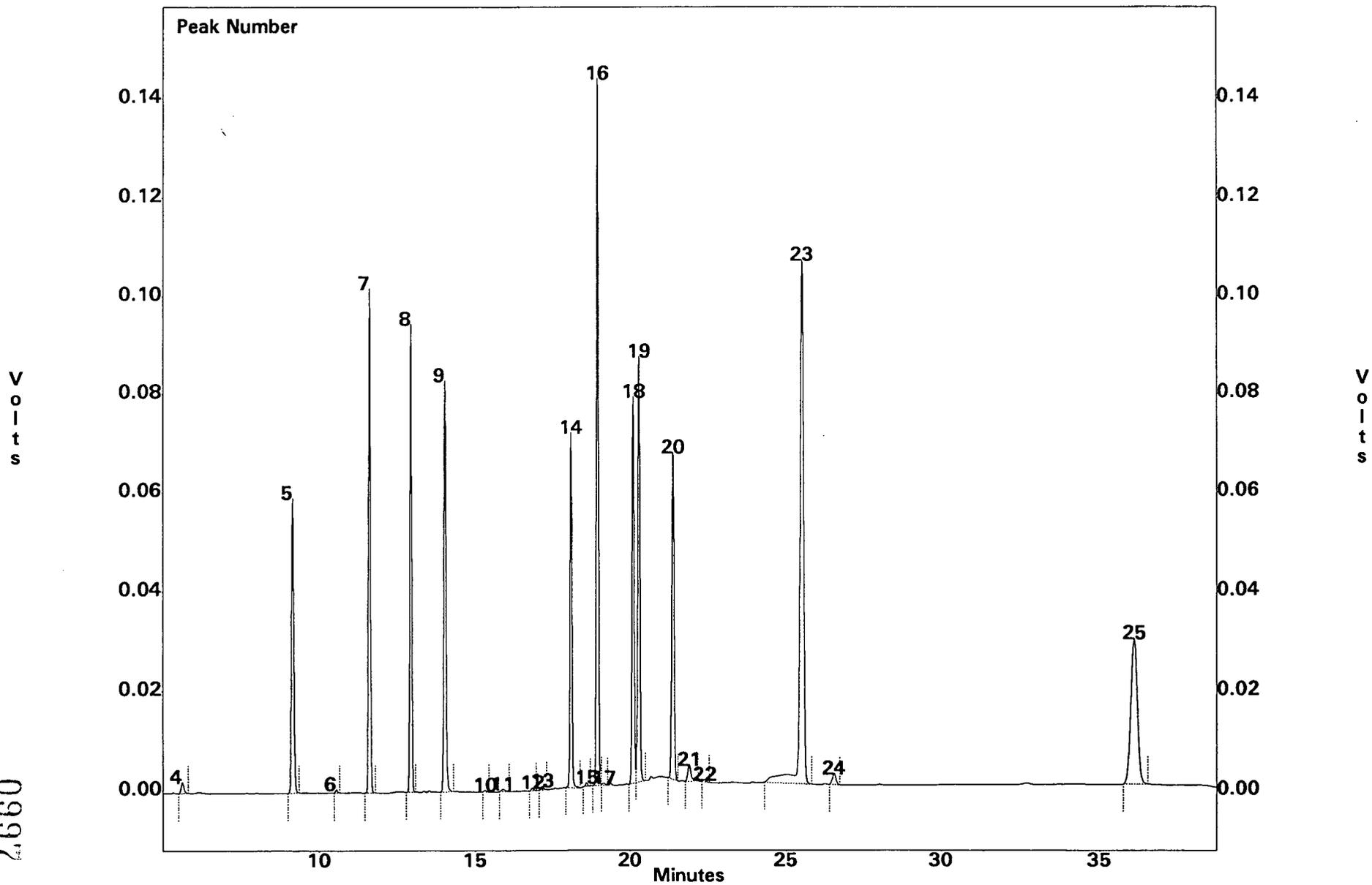
PEAK #	RT, MIN	AREA
1	1.175	216094
2	4.167	2659
3	5.675	24095
8	16.017	6678
16	22.642	148754

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9660

File : C:\EZCHROM\CHROM\EC2\CLP\INDAH01.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : INDAH01
Acquired : Sep 05, 1994 16:02:01
User : MB

C:\EZCHROM\CHROM\EC2\CLP\INDAH01.GC2 -- Channel B



File : C:\EZCHROM\CHROM\EC2\CLP\INDAH01.GC2
Sample ID : INDAH01
Acquired : Sep 05, 1994 16:02:01

Channel B Results

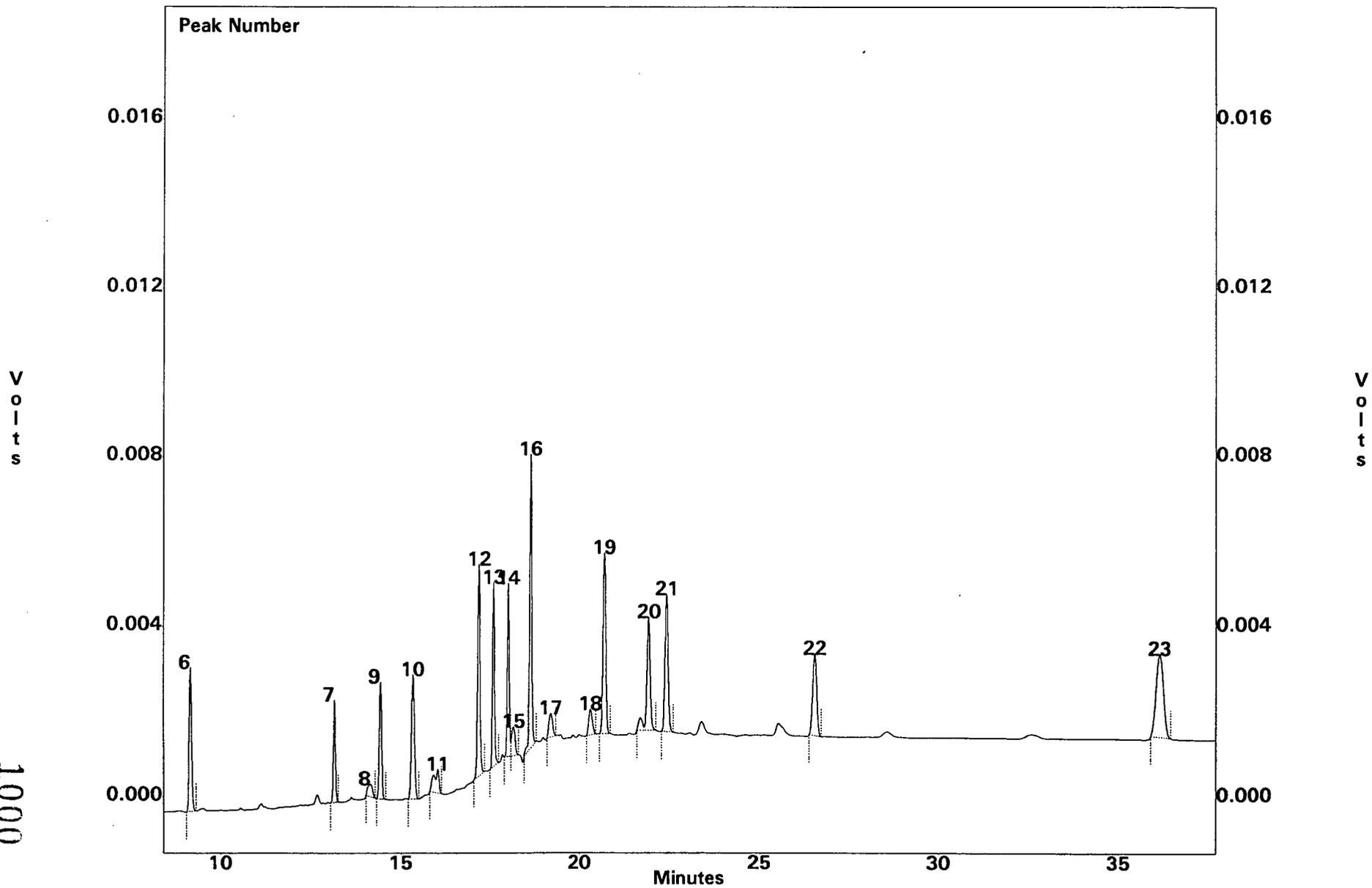
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.167	284993	82.823
7	alpha BHC	11.617	410545	105.757
8	gamma BHC	12.950	383274	97.911
--	BETA BHC	13.150	0	0.000
9	HEPTACHLOR	14.058	400359	87.267
--	DELTA BHC	14.425	0	0.000
10	ALDRIN	15.325	1759	0.476
13	HEPTACHLOR EPOXIDE	17.167	4379	1.250
--	gamma CHLORDANE	17.575	0	0.000
--	alpha CHLORDANE	17.992	0	0.000
14	ENDOSULFAN I	18.092	289785	77.069
15	P,P' DDE	18.600	3293	1.064
16	DIELDRIN	18.950	615557	177.950
18	ENDRIN	20.108	365335	184.306
19	P,P' DDD	20.292	381524	156.068
--	ENDOSULFAN II	20.692	0	0.000
20	P,P' DDT	21.392	321449	193.398
21	ENDRIN ALDEHYDE	21.917	24167	13.767
22	ENDOSULFAN SULFATE	22.408	2305	1.121
23	METHOXYCHLOR	25.508	905373	669.021
24	ENDRIN KETONE	26.542	17956	9.958
25	DCB	36.125	437305	118.570

Channel B Results

PEAK #	RT, MIN	AREA
1	1.192	289962
2	1.708	5394
3	4.167	2163
4	5.675	15271
6	10.567	3109
11	15.900	4214
12	16.850	2400
17	19.158	3339

File : C:\EZCHROM\CHROM\EC2\CLP\INDBL01.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : INDBL01
Acquired : Sep 05, 1994 13:34:56
User : MB

C:\EZCHROM\CHROM\EC2\CLP\INDBL01.GC2 -- Channel B



File : C:\EZCHROM\CHROM\EC2\CLP\INDBL01.GC2
Sample ID : INDBL01
Acquired : Sep 05, 1994 13:34:56

Channel B Results

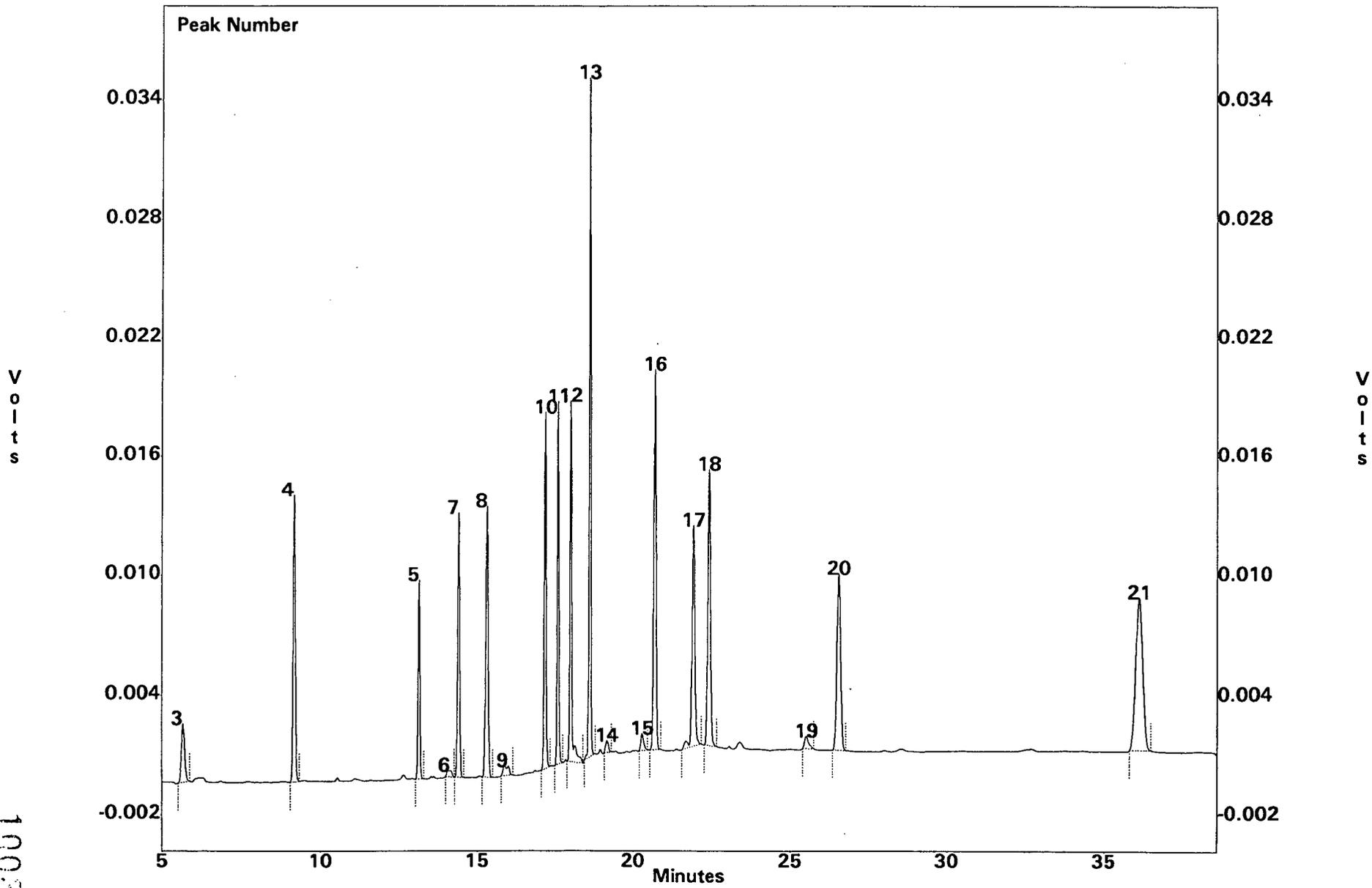
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
6	TCMX	9.175	16006	4.652
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
7	BETA BHC	13.158	9529	4.844
--	HEPTACHLOR	14.058	0	0.000
9	DELTA BHC	14.433	12035	4.425
10	ALDRIN	15.325	16608	4.491
12	HEPTACHLOR EPOXIDE	17.167	20857	5.954
13	gamma CHLORDANE	17.575	16581	4.837
14	alpha CHLORDANE	17.992	16344	4.134
15	ENDOSULFAN I	18.142	4598	1.223
16	P,P' DDE	18.608	26552	8.578
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
18	P,P' DDD	20.308	4283	1.752
19	ENDOSULFAN II	20.700	21852	9.293
--	P,P' DDT	21.400	0	0.000
20	ENDRIN ALDEHYDE	21.925	18560	10.573
21	ENDOSULFAN SULFATE	22.425	19151	9.310
--	METHOXYCHLOR	25.517	0	0.000
22	ENDRIN KETONE	26.550	15443	8.564
23	DCB	36.150	27827	7.545

Channel B Results

PEAK #	RT, MIN	AREA
1	1.167	44765
2	1.567	2714
3	1.725	1830
4	4.150	2342
5	5.683	30952
8	14.167	2830
11	16.025	5850
17	19.167	3779

File : C:\EZCHROM\CHROM\EC2\CLP\INDBM01.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : INDBM01
Acquired : Sep 05, 1994 15:20:56
User : MB

C:\EZCHROM\CHROM\EC2\CLP\INDBM01.GC2 -- Channel B



US EPA ARCHIVE DOCUMENT

1002

File : C:\EZCHROM\CHROM\EC2\CLP\INDBM01.GC2
Sample ID : INDBM01
Acquired : Sep 05, 1994 15:20:56

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.167	67446	19.601
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
5	BETA BHC	13.150	39344	20.000
--	HEPTACHLOR	14.058	0	0.000
7	DELTA BHC	14.425	54396	20.000
8	ALDRIN	15.325	73966	20.000
10	HEPTACHLOR EPOXIDE	17.158	70065	20.000
11	gamma CHLORDANE	17.575	68558	20.000
12	alpha CHLORDANE	17.992	79074	20.000
--	ENDOSULFAN I	18.100	0	0.000
13	P,P' DDE	18.600	123819	40.000
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
15	P,P' DDD	20.292	5615	2.297
16	ENDOSULFAN II	20.692	94060	40.000
--	P,P' DDT	21.400	0	0.000
17	ENDRIN ALDEHYDE	21.917	70218	40.000
18	ENDOSULFAN SULFATE	22.417	82283	40.000
19	METHOXYCHLOR	25.517	5592	4.133
20	ENDRIN KETONE	26.542	72131	40.000
21	DCB	36.117	112376	30.470

US EPA ARCHIVE DOCUMENT

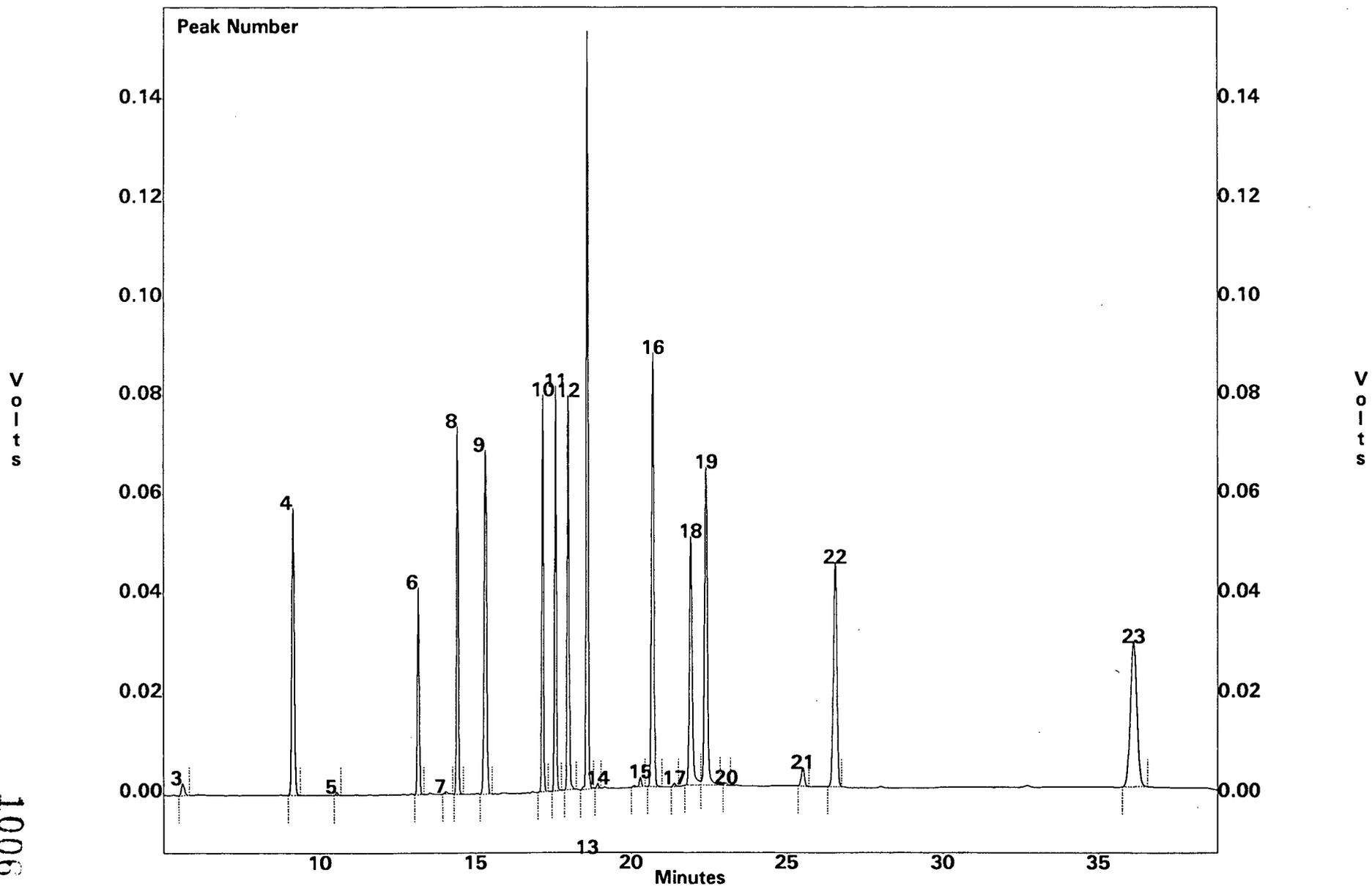
1004

Channel B Results

PEAK #	RT, MIN	AREA
1	1.175	63224
2	4.150	2322
3	5.675	19899
6	14.158	3550
9	16.017	6051
14	19.158	4018

File : C:\EZCHROM\CHROM\EC2\CLP\INDBH01.GC2
 Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
 Sample ID : INDBH01
 Acquired : Sep 05, 1994 16:43:28
 User : MB

C:\EZCHROM\CHROM\EC2\CLP\INDBH01.GC2 -- Channel B



US EPA ARCHIVE DOCUMENT

1006

File : C:\EZCHROM\CHROM\EC2\CLP\INDBH01.GC2
Sample ID : INDBH01
Acquired : Sep 05, 1994 16:43:28

Channel B Results

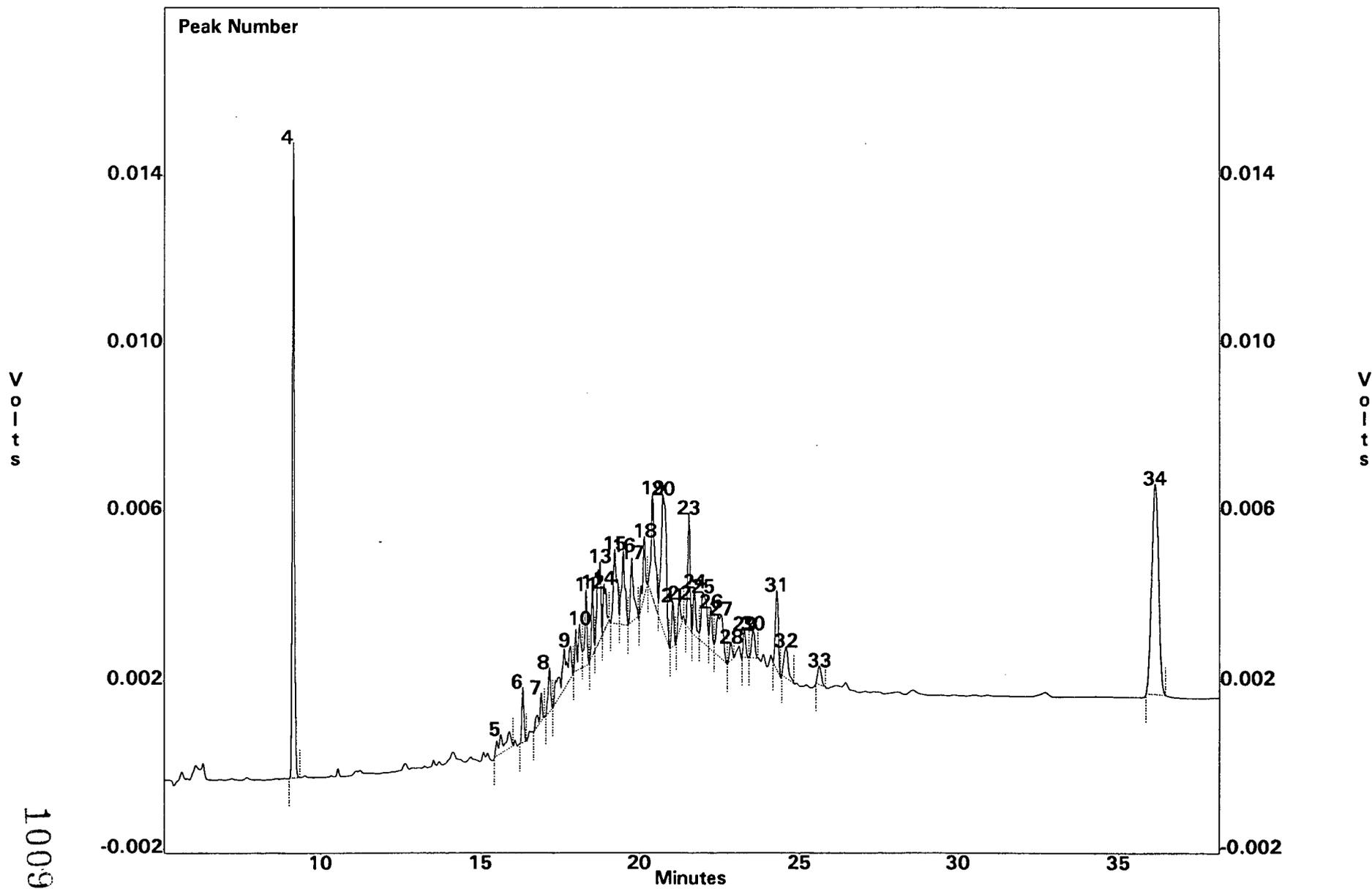
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.158	278699	80.994
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
6	BETA BHC	13.150	168783	85.798
7	HEPTACHLOR	14.058	3897	0.849
8	DELTA BHC	14.425	302230	111.122
9	ALDRIN	15.325	373674	101.039
10	HEPTACHLOR EPOXIDE	17.158	303764	86.709
11	gamma CHLORDANE	17.575	310050	90.449
12	alpha CHLORDANE	17.992	317640	80.339
--	ENDOSULFAN I	18.100	0	0.000
13	P,P' DDE	18.608	590627	190.803
14	DIELDRIN	18.950	4826	1.395
--	ENDRIN	20.108	0	0.000
15	P,P' DDD	20.292	11047	4.519
16	ENDOSULFAN II	20.692	439586	186.937
17	P,P' DDT	21.392	3576	2.152
18	ENDRIN ALDEHYDE	21.917	313971	178.853
19	ENDOSULFAN SULFATE	22.417	397910	193.434
21	METHOXYCHLOR	25.508	28052	20.729
22	ENDRIN KETONE	26.542	360712	200.032
23	DCB	36.117	435391	118.051

Channel B Results

PEAK #	RT, MIN	AREA
1	1.167	135124
2	1.542	5292
3	5.658	16834
5	10.558	3069
20	23.058	2601

File : C:\EZCHROM\CHROM\EC2\CLP\TOXAPH01.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : toxaph01
Acquired : Sep 05, 1994 11:54:06
User : MB

C:\EZCHROM\CHROM\EC2\CLP\TOXAPH01.GC2 -- Channel B



US EPA ARCHIVE DOCUMENT

1009

File : C:\EZCHROM\CHROM\EC2\CLP\TOXAPH01.GC2
 Sample ID : toxaph01
 Acquired : Sep 05, 1994 11:54:06

Channel B Results

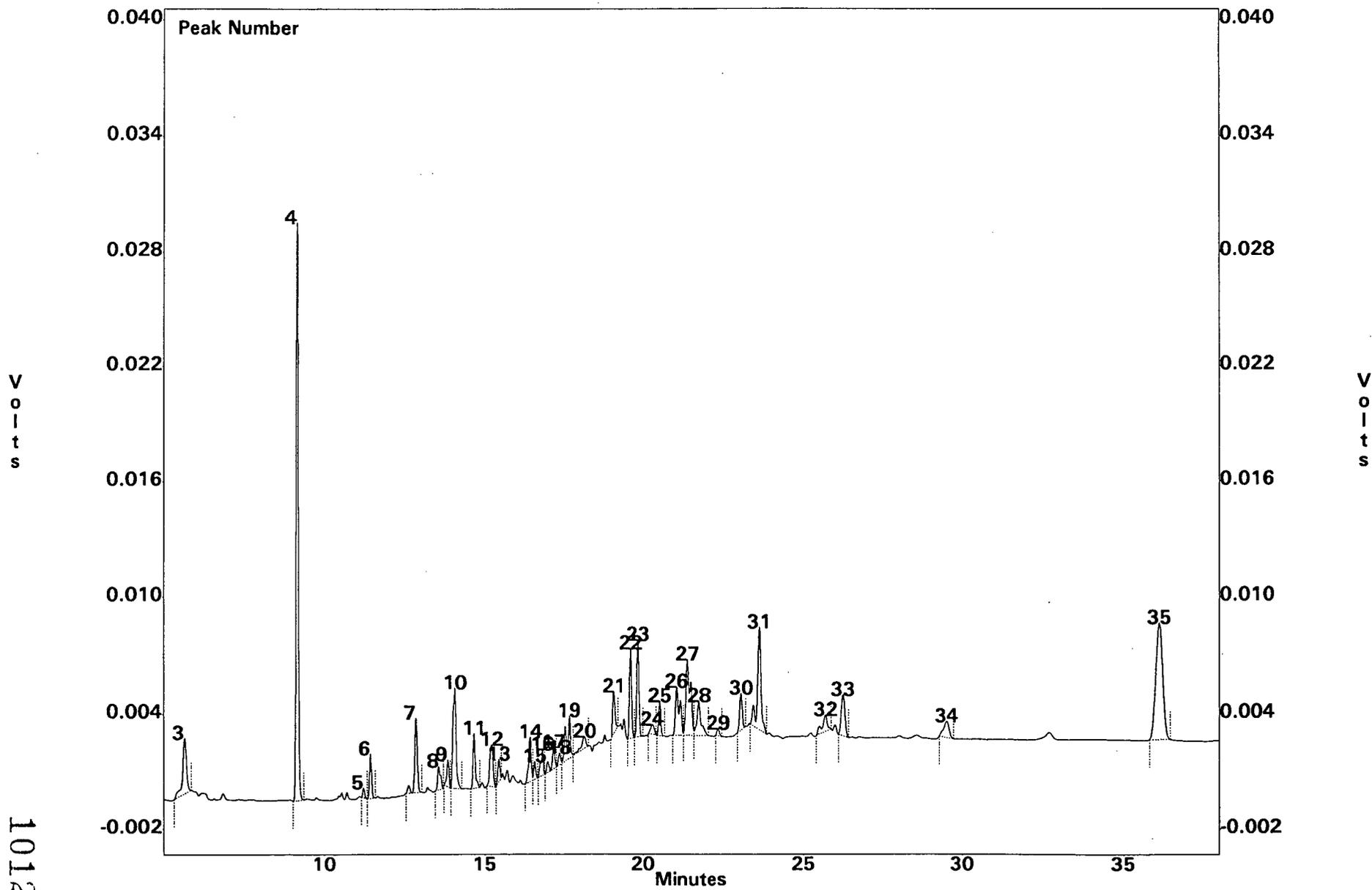
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.175	70594	20.516
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
--	HEPTACHLOR	14.058	0	0.000
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
--	HEPTACHLOR EPOXIDE	17.158	0	0.000
9	gamma CHLORDANE	17.842	18427	5.376
10	alpha CHLORDANE	18.133	9762	2.469
11	ENDOSULFAN I	18.342	9159	2.436
13	P,P' DDE	18.783	15752	5.089
--	DIELDRIN	18.950	0	0.000
18	ENDRIN	20.167	8591	4.334
19	P,P' DDD	20.417	20219	8.271
20	ENDOSULFAN II	20.742	34906	14.844
23	P,P' DDT	21.550	14386	8.656
25	ENDRIN ALDEHYDE	22.008	13970	7.958
27	ENDOSULFAN SULFATE	22.567	14442	7.021
33	METHOXYCHLOR	25.642	3292	2.433
--	ENDRIN KETONE	26.542	0	0.000
--	DCB	36.142	0	0.000

Channel B Results

PEAK #	RT, MIN	AREA
1	1.167	33795
2	1.567	2396
3	1.733	1896
5	15.642	8429
6	16.350	5956
7	16.925	4478
8	17.167	5691
12	18.550	6616
14	18.908	7704
15	19.233	13469
16	19.508	13799
17	19.775	9904
21	21.050	5404
22	21.258	3980
24	21.733	6633
26	22.250	6104
28	22.875	2448
29	23.292	3649
30	23.558	4280
31	24.283	11800
32	24.583	6618
34	36.125	73519

File : C:\EZCHROM\CHROM\EC2\CLP\AR1060.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : AR1016/126001 *AR106001*
Acquired : Sep 05, 1994 07:29:17
User : MB

C:\EZCHROM\CHROM\EC2\CLP\AR1060.GC2 -- Channel B



US EPA ARCHIVE DOCUMENT

1012

File : C:\EZCHROM\CHROM\EC2\CLP\VAR1060.GC2
Sample ID : AR1016/126001
Acquired : Sep 05, 1994 07:29:17

Channel B Results

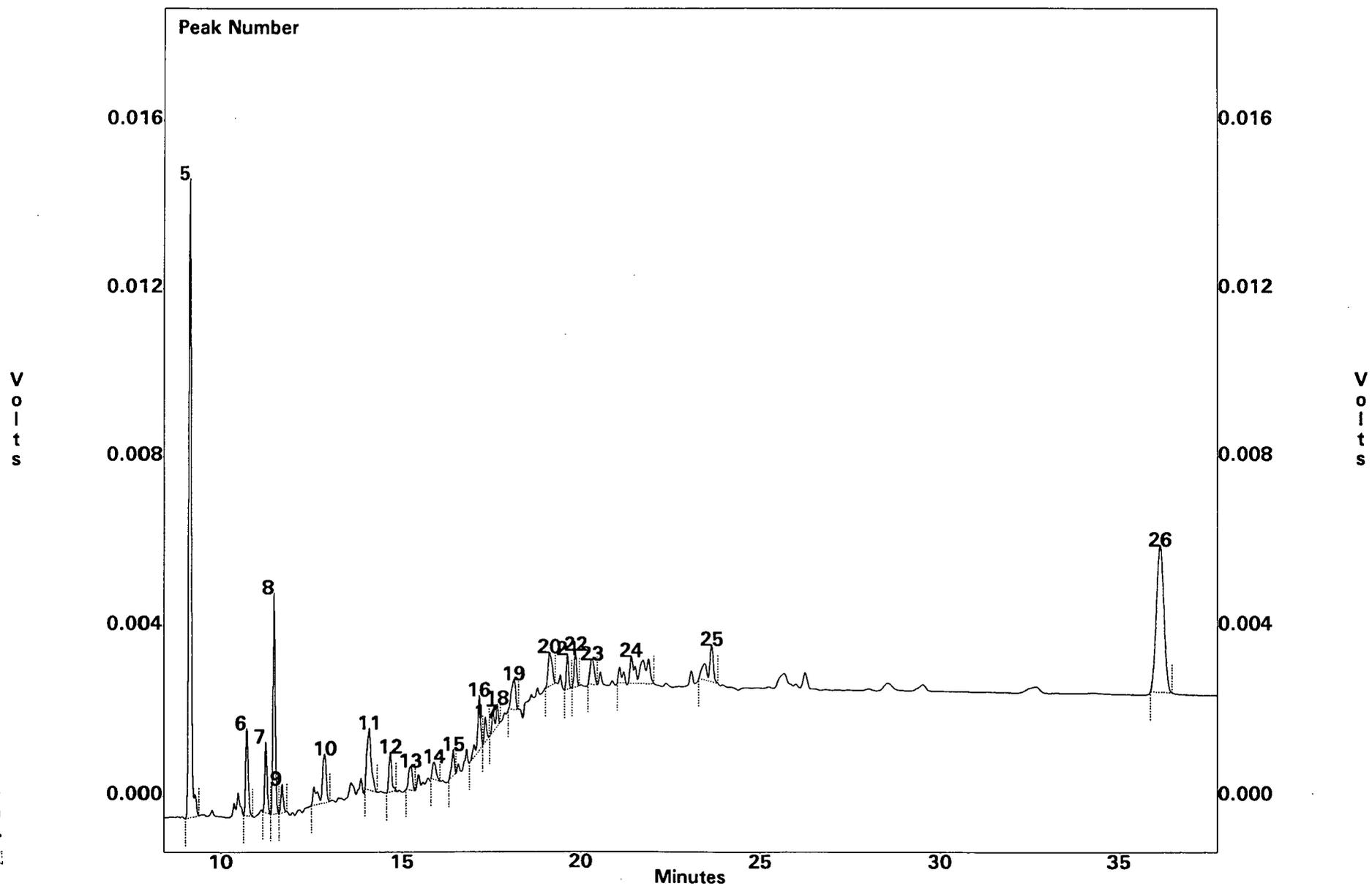
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.167	141221	41.041
--	alpha BHC	11.617	0	0.000
7	gamma BHC	12.867	22499	5.748
--	BETA BHC	13.150	0	0.000
10	HEPTACHLOR	14.083	38752	8.447
--	DELTA BHC	14.425	0	0.000
12	ALDRIN	15.217	16500	4.461
17	HEPTACHLOR EPOXIDE	17.158	8378	2.392
19	gamma CHLORDANE	17.667	16994	4.958
--	alpha CHLORDANE	17.992	0	0.000
20	ENDOSULFAN I	18.142	6252	1.663
--	P,P' DDE	18.600	0	0.000
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
24	P,P' DDD	20.300	3730	1.526
25	ENDOSULFAN II	20.525	8344	3.548
27	P,P' DDT	21.392	37392	22.497
28	ENDRIN ALDEHYDE	21.750	16301	9.286
29	ENDOSULFAN SULFATE	22.358	1939	0.943
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
35	DCB	36.108	87934	23.842

Channel B Results

PEAK #	RT, MIN	AREA
1	1.158	912912
2	4.150	3436
3	5.675	23826
5	11.242	2196
6	11.467	10167
8	13.575	8449
9	13.858	6615
11	14.675	15160
13	15.450	5333
14	16.442	11948
15	16.575	3964
16	16.817	7669
18	17.350	3246
21	19.075	11859
22	19.608	21214
23	19.842	22439
26	21.058	23629
30	23.067	10571
31	23.633	40864
32	25.700	9617
33	26.250	16174
34	29.508	10327

File : C:\EZCHROM\CHROM\EC2\CLP\AR1221.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : AR122101
Acquired : Sep 05, 1994 08:26:16
User : MB

C:\EZCHROM\CHROM\EC2\CLP\AR1221.GC2 -- Channel B



1015

File : C:\EZCHROM\CHROM\EC2\CLPVAR1221.GC2
Sample ID : AR122101
Acquired : Sep 05, 1994 08:26:16

Channel B Results

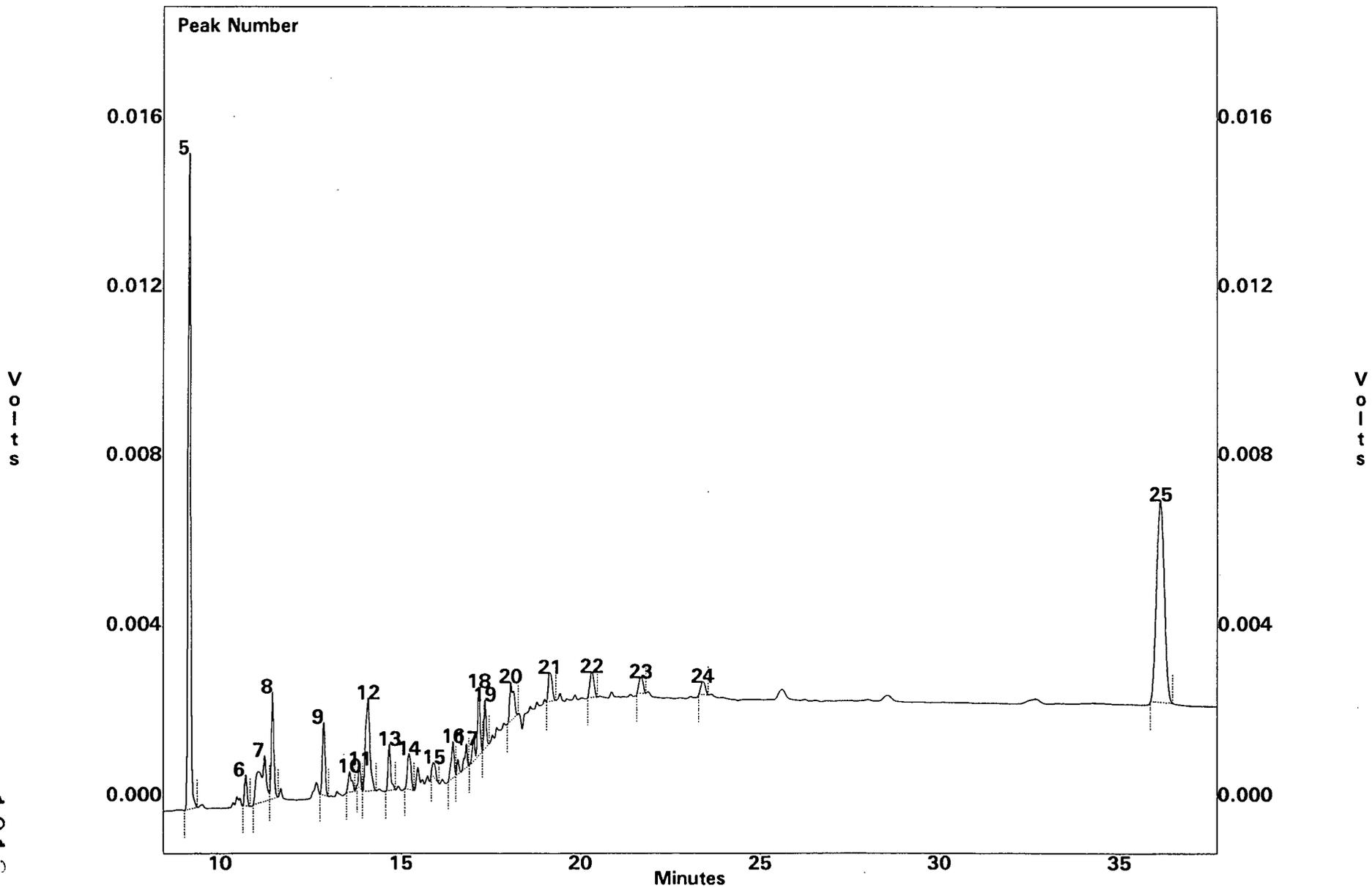
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.175	72243	20.995
9	alpha BHC	11.692	2913	0.750
10	gamma BHC	12.875	11711	2.992
--	BETA BHC	13.150	0	0.000
11	HEPTACHLOR	14.100	11698	2.550
--	DELTA BHC	14.425	0	0.000
13	ALDRIN	15.242	4163	1.126
16	HEPTACHLOR EPOXIDE	17.167	7818	2.232
18	gamma CHLORDANE	17.675	4086	1.192
--	alpha CHLORDANE	17.992	0	0.000
19	ENDOSULFAN I	18.142	5828	1.550
--	P,P' DDE	18.600	0	0.000
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
23	P,P' DDD	20.308	4554	1.863
--	ENDOSULFAN II	20.692	0	0.000
24	P,P' DDT	21.400	17318	10.419
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
26	DCB	36.133	50233	13.620

Channel B Results

PEAK #	RT, MIN	AREA
1	1.167	876208
2	4.150	3282
3	5.683	15726
4	8.225	8485
6	10.725	9738
7	11.250	7365
8	11.475	23023
12	14.683	4891
14	15.908	3094
15	16.450	3127
17	17.342	2397
20	19.117	6238
21	19.625	3774
22	19.850	3892
25	23.642	9137

File : C:\EZCHROM\CHROM\EC2\CLP\AR1232.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : AR123201
Acquired : Sep 05, 1994 09:07:46
User : MB

C:\EZCHROM\CHROM\EC2\CLP\AR1232.GC2 -- Channel B



US EPA ARCHIVE DOCUMENT

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File : C:\EZCHROM\CHROM\EC2\CLPVAR1232.GC2
 Sample ID : AR123201
 Acquired : Sep 05, 1994 09:07:46

Channel B Results

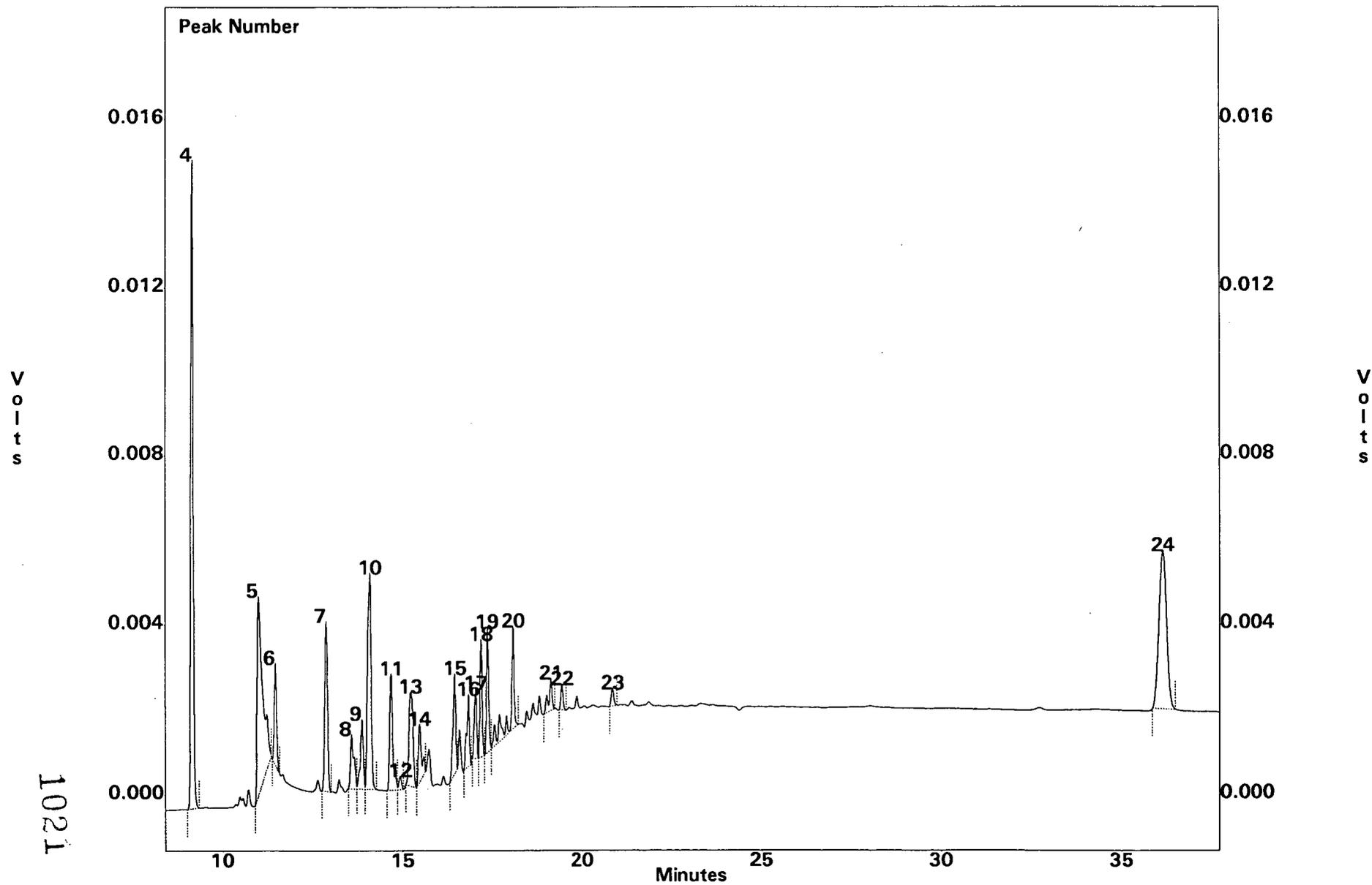
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.167	74347	21.606
--	alpha BHC	11.617	0	0.000
9	gamma BHC	12.875	9229	2.358
--	BETA BHC	13.150	0	0.000
12	HEPTACHLOR	14.092	17692	3.856
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
18	HEPTACHLOR EPOXIDE	17.167	10131	2.892
--	gamma CHLORDANE	17.575	0	0.000
--	alpha CHLORDANE	17.992	0	0.000
20	ENDOSULFAN I	18.058	7257	1.930
--	P,P' DDE	18.600	0	0.000
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
22	P,P' DDD	20.308	4511	1.845
--	ENDOSULFAN II	20.692	0	0.000
--	P,P' DDT	21.400	0	0.000
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
25	DCB	36.125	68703	18.628

Channel B Results

PEAK #	RT, MIN	AREA
1	1.158	41748
2	1.558	4818
3	1.725	2806
4	8.217	2608
6	10.717	3261
7	11.242	15364
8	11.475	11727
10	13.583	3186
11	13.867	2254
13	14.683	5810
14	15.217	6106
15	15.900	2303
16	16.450	4922
17	16.825	4315
19	17.333	4654
21	19.142	5270
23	21.683	2933
24	23.400	2683

File : C:\EZCHROM\CHROM\EC2\CLP\AR1242.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : AR124201
Acquired : Sep 05, 1994 09:49:10
User : MB

C:\EZCHROM\CHROM\EC2\CLP\AR1242.GC2 -- Channel B



File : C:\EZCHROM\CHROM\EC2\CLP\AR1242.GC2
 Sample ID : AR124201
 Acquired : Sep 05, 1994 09:49:10

Channel B Results

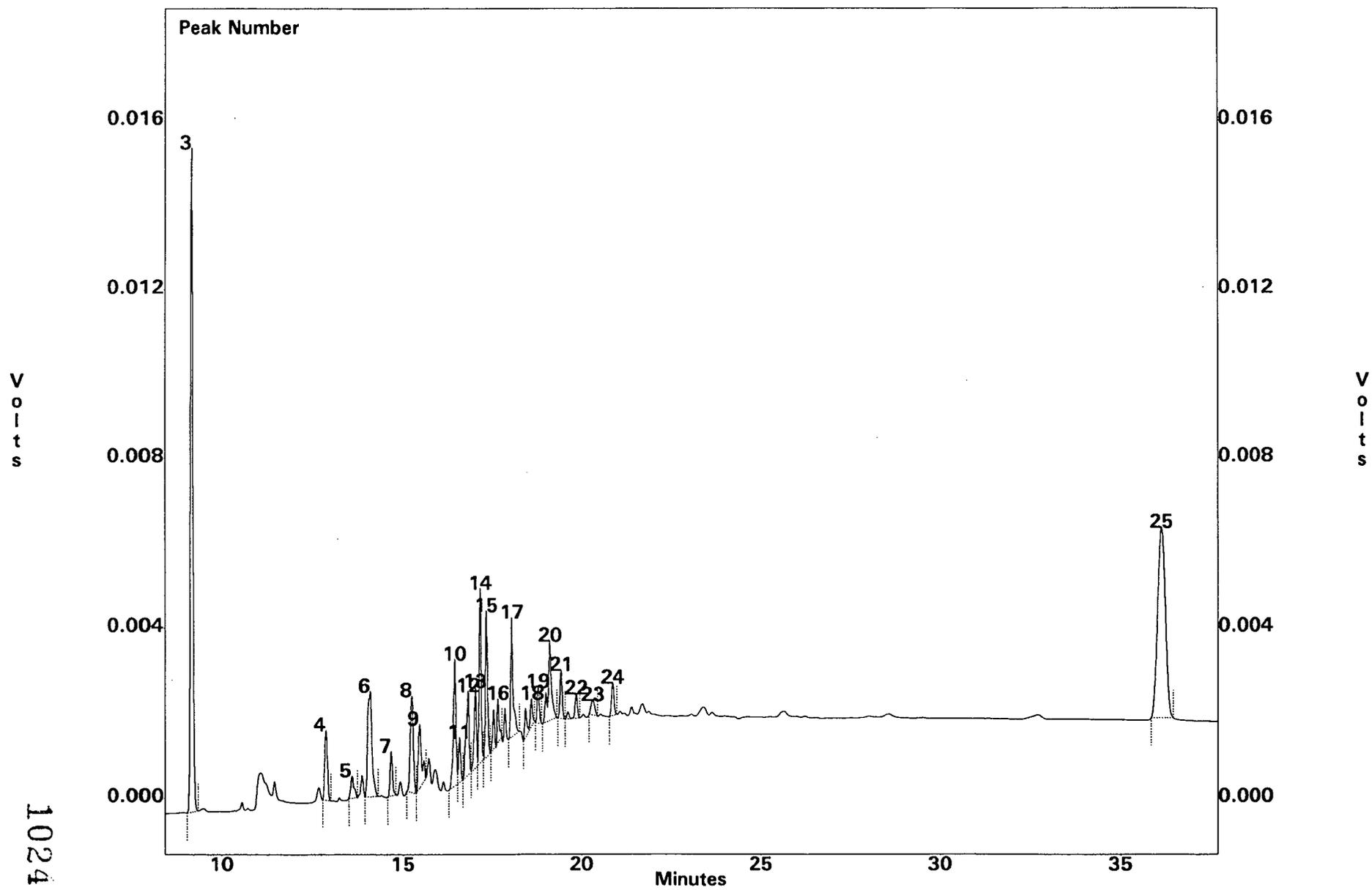
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.175	72137	20.964
--	alpha BHC	11.617	0	0.000
7	gamma BHC	12.875	20916	5.343
--	BETA BHC	13.150	0	0.000
10	HEPTACHLOR	14.092	36642	7.987
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
18	HEPTACHLOR EPOXIDE	17.167	10025	2.862
--	gamma CHLORDANE	17.575	0	0.000
--	alpha CHLORDANE	17.992	0	0.000
20	ENDOSULFAN I ~	18.058	16894	4.493
--	P,P' DDE	18.600	0	0.000
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
--	P,P' DDD	20.292	0	0.000
--	ENDOSULFAN II	20.692	0	0.000
--	P,P' DDT	21.400	0	0.000
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
24	DCB	36.125	54500	14.777

Channel B Results

PEAK #	RT, MIN	AREA
1	1.158	33628
2	1.575	6866
3	4.158	2451
5	11.000	51454
6	11.475	10393
8	13.583	8513
9	13.867	8980
11	14.683	14994
12	14.933	1661
13	15.217	16555
14	15.458	8450
15	16.450	12969
16	16.825	8896
17	17.025	7179
19	17.333	12573
21	19.108	4919
22	19.425	2550
23	20.858	1968

File : C:\EZCHROM\CHROM\EC2\CLP\AR1248.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : AR124801
Acquired : Sep 05, 1994 10:29:50
User : MB

C:\EZCHROM\CHROM\EC2\CLP\AR1248.GC2 -- Channel B



US EPA ARCHIVE DOCUMENT

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File : C:\EZCHROM\CHROM\EC2\CLPVAR1248.GC2
 Sample ID : AR124801
 Acquired : Sep 05, 1994 10:29:50

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
3	TCMX	9.175	73111	21.247
--	alpha BHC	11.617	0	0.000
4	gamma BHC	12.875	8295	2.119
--	BETA BHC	13.150	0	0.000
6	HEPTACHLOR	14.100	21411	4.667
--	DELTA BHC	14.425	0	0.000
8	ALDRIN	15.258	14191	3.837
14	HEPTACHLOR EPOXIDE	17.167	16204	4.626
16	gamma CHLORDANE	17.675	7429	2.167
--	alpha CHLORDANE	17.992	0	0.000
17	ENDOSULFAN I	18.058	13814	3.674
18	P,P' DDE	18.617	5754	1.859
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
23	P,P' DDD	20.317	2447	1.001
--	ENDOSULFAN II	20.692	0	0.000
--	P,P' DDT	21.400	0	0.000
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
25	DCB	36.133	66051	17.909

US EPA ARCHIVE DOCUMENT

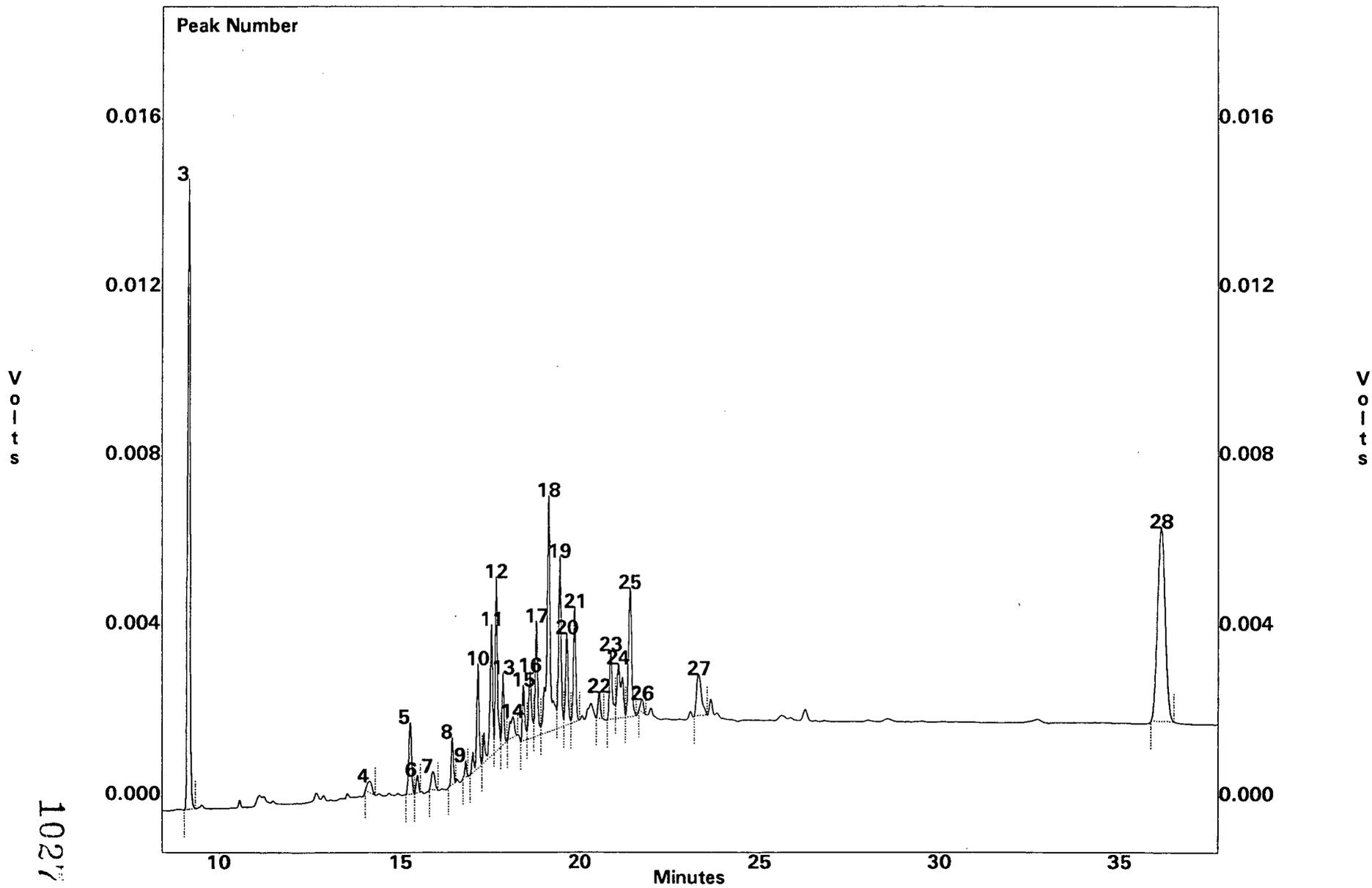
1025

Channel B Results

PEAK #	RT, MIN	AREA
1	1.167	34430
2	1.567	2326
5	13.583	3252
7	14.683	5091
9	15.467	9547
10	16.450	14538
11	16.583	4586
12	16.825	11043
13	17.025	8441
15	17.333	14010
19	18.792	3226
20	19.108	13344
21	19.425	4911
22	19.850	3352
24	20.858	3702

File : C:\EZCHROM\CHROM\EC2\CLP\AR1254.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : AR125401
Acquired : Sep 05, 1994 11:12:56
User : MB

C:\EZCHROM\CHROM\EC2\CLP\AR1254.GC2 -- Channel B



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Sample ID : AR125401
Acquired : Sep 05, 1994 11:12:56

Channel B Results

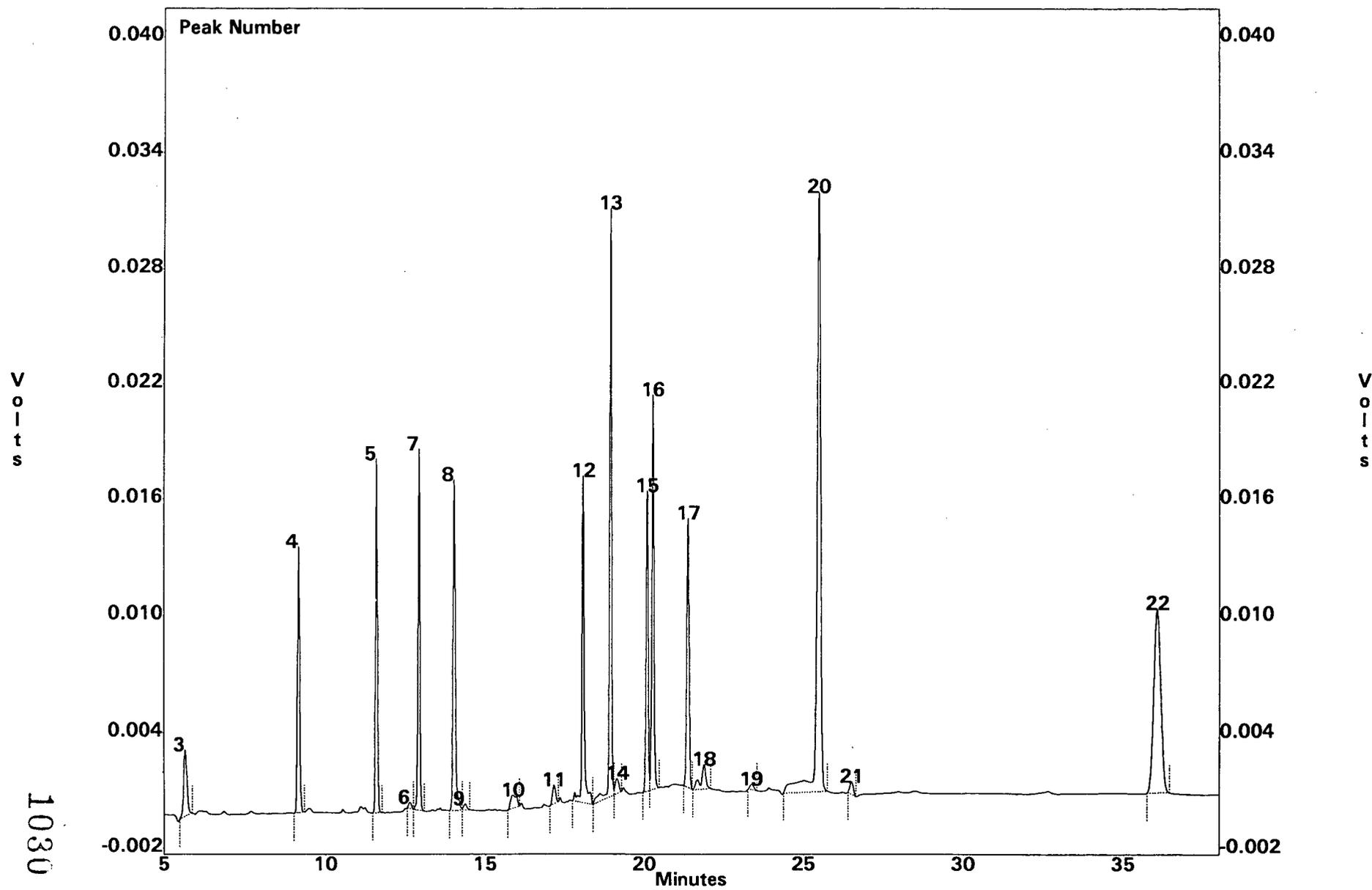
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
3	TCMX	9.175	69777	20.278
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
4	HEPTACHLOR	14.150	2501	0.545
--	DELTA BHC	14.425	0	0.000
5	ALDRIN	15.267	9012	2.437
10	HEPTACHLOR EPOXIDE	17.167	11869	3.388
11	gamma CHLORDANE	17.550	17012	4.963
13	alpha CHLORDANE	17.875	6443	1.630
14	ENDOSULFAN I	18.142	4320	1.149
16	P,P' DDE	18.617	8403	2.715
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
--	P,P' DDD	20.292	0	0.000
--	ENDOSULFAN II	20.692	0	0.000
25	P,P' DDT	21.400	17813	10.717
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
28	DCB	36.133	67512	18.305

Channel B Results

PEAK #	RT, MIN	AREA
1	1.175	35969
2	4.158	2221
6	15.467	1997
7	15.908	3301
8	16.458	4558
9	16.833	1303
12	17.675	17653
15	18.442	5749
17	18.792	12531
18	19.108	37376
19	19.425	19084
20	19.625	10619
21	19.858	12604
22	20.542	2829
23	20.867	8809
24	21.075	12542
26	21.750	1820
27	23.300	8857

File : C:\EZCHROM\CHROM\EC2\CLP\INDAM02.GC2
 Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
 Sample ID : INDAM02
 Acquired : Sep 05, 1994 21:38:56
 User : MB

C:\EZCHROM\CHROM\EC2\CLP\INDAM02.GC2 -- Channel B



US EPA ARCHIVE DOCUMENT

1030

File : C:\EZCHROM\CHROM\EC2\CLP\INDAM02.GC2
Sample ID : INDAM02
Acquired : Sep 05, 1994 21:38:56

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.150	64329	18.695
5	alpha BHC	11.592	71443	18.404
7	gamma BHC	12.925	72979	18.643
--	BETA BHC	13.150	0	0.000
8	HEPTACHLOR	14.033	89910	19.598
9	DELTA BHC	14.383	2098	0.771
--	ALDRIN	15.325	0	0.000
11	HEPTACHLOR EPOXIDE	17.150	6655	1.900
--	gamma CHLORDANE	17.575	0	0.000
--	alpha CHLORDANE	17.992	0	0.000
12	ENDOSULFAN I	18.075	80791	21.487
--	P,P' DDE	18.600	0	0.000
13	DIELDRIN	18.925	133258	38.523
15	ENDRIN	20.083	71379	36.010
16	P,P' DDD	20.267	89641	36.669
--	ENDOSULFAN II	20.692	0	0.000
17	P,P' DDT	21.367	68180	41.020
18	ENDRIN ALDEHYDE	21.867	13926	7.933
--	ENDOSULFAN SULFATE	22.417	0	0.000
20	METHOXYCHLOR	25.467	262327	193.846
21	ENDRIN KETONE	26.500	4961	2.751
22	DCB	36.050	141582	38.388

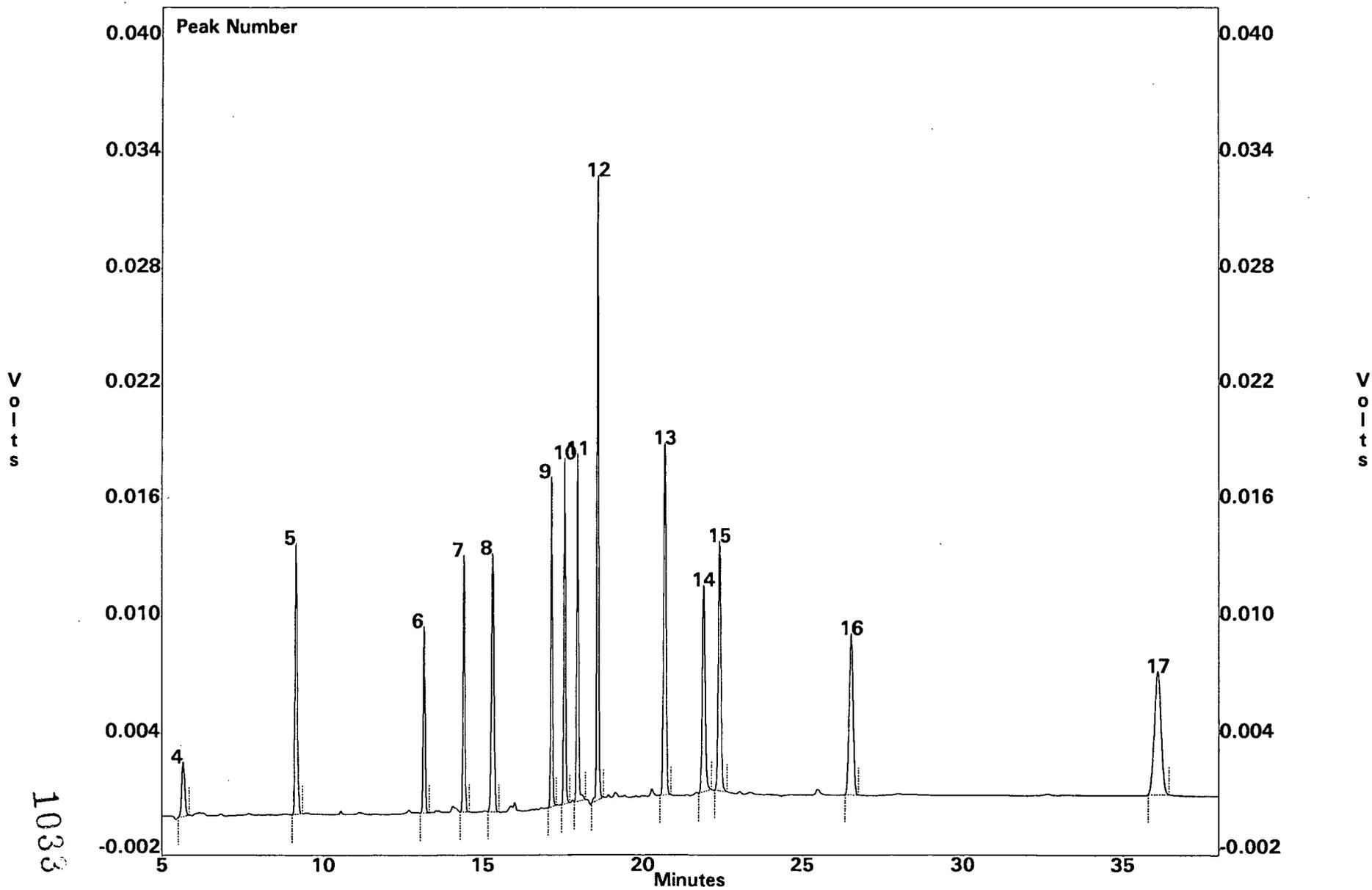
Channel B Results

PEAK #	RT, MIN	AREA
1	1.175	201453
2	4.150	3693
3	5.667	24517
6	12.650	2128
10	15.875	8988
14	19.142	6407
19	23.358	2579

File : C:\EZCHROM\CHROM\EC2\CLP\INDBM02.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : INDBM02
Acquired : Sep 05, 1994 22:21:46
User : MB

US EPA ARCHIVE DOCUMENT

C:\EZCHROM\CHROM\EC2\CLP\INDBM02.GC2 -- Channel B



1033

File : C:\EZCHROM\CHROM\EC2\CLP\INDBM02.GC2
 Sample ID : INDBM02
 Acquired : Sep 05, 1994 22:21:46

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.158	65306	18.979
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
6	BETA BHC	13.142	38052	19.343
--	HEPTACHLOR	14.058	0	0.000
7	DELTA BHC	14.417	53661	19.730
8	ALDRIN	15.308	71932	19.450
9	HEPTACHLOR EPOXIDE	17.150	65957	18.827
10	gamma CHLORDANE	17.567	66316	19.346
11	alpha CHLORDANE	17.983	69381	17.548
--	ENDOSULFAN I	18.100	0	0.000
12	P,P' DDE	18.600	119090	38.472
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
--	P,P' DDD	20.292	0	0.000
13	ENDOSULFAN II	20.683	90102	38.317
--	P,P' DDT	21.400	0	0.000
14	ENDRIN ALDEHYDE	21.900	64611	36.806
15	ENDOSULFAN SULFATE	22.400	76337	37.109
--	METHOXYCHLOR	25.517	0	0.000
16	ENDRIN KETONE	26.517	66704	36.991
17	DCB	36.083	94141	25.525

Channel B Results

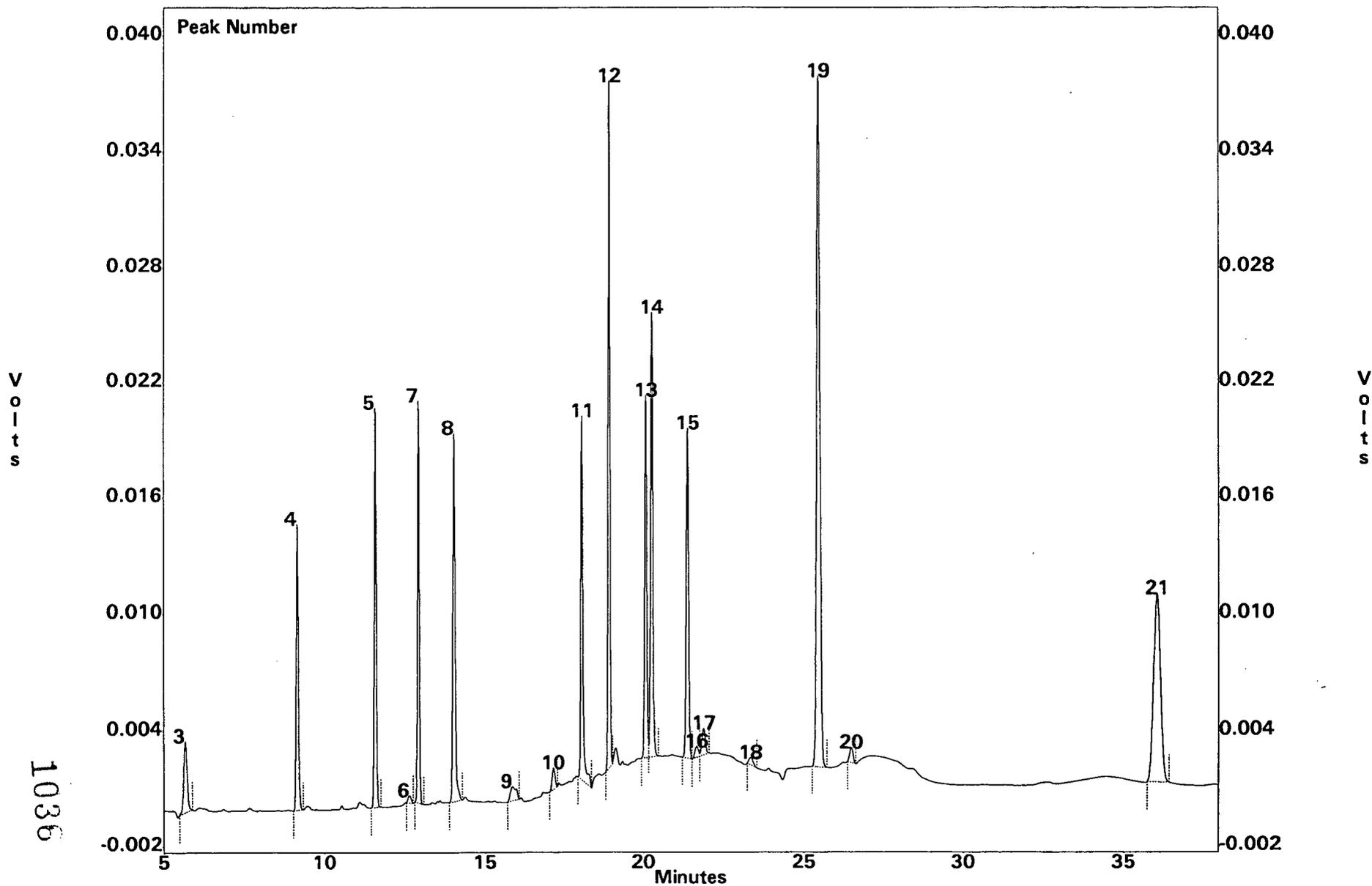
PEAK #	RT, MIN	AREA
1	1.167	63072
2	1.567	2834
3	4.133	2858
4	5.675	19208

US EPA ARCHIVE DOCUMENT

1035

File : C:\EZCHROM\CHROM\EC2\CLP\INDAM03.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : indam03
Acquired : Sep 06, 1994 18:25:38
User : MB

C:\EZCHROM\CHROM\EC2\CLP\INDAM03.GC2 -- Channel B



US EPA ARCHIVE DOCUMENT

1036

File : C:\EZCHROM\CHROM\EC2\CLP\INDAM03.GC2
Sample ID : indam03
Acquired : Sep 06, 1994 18:25:38

Channel B Results

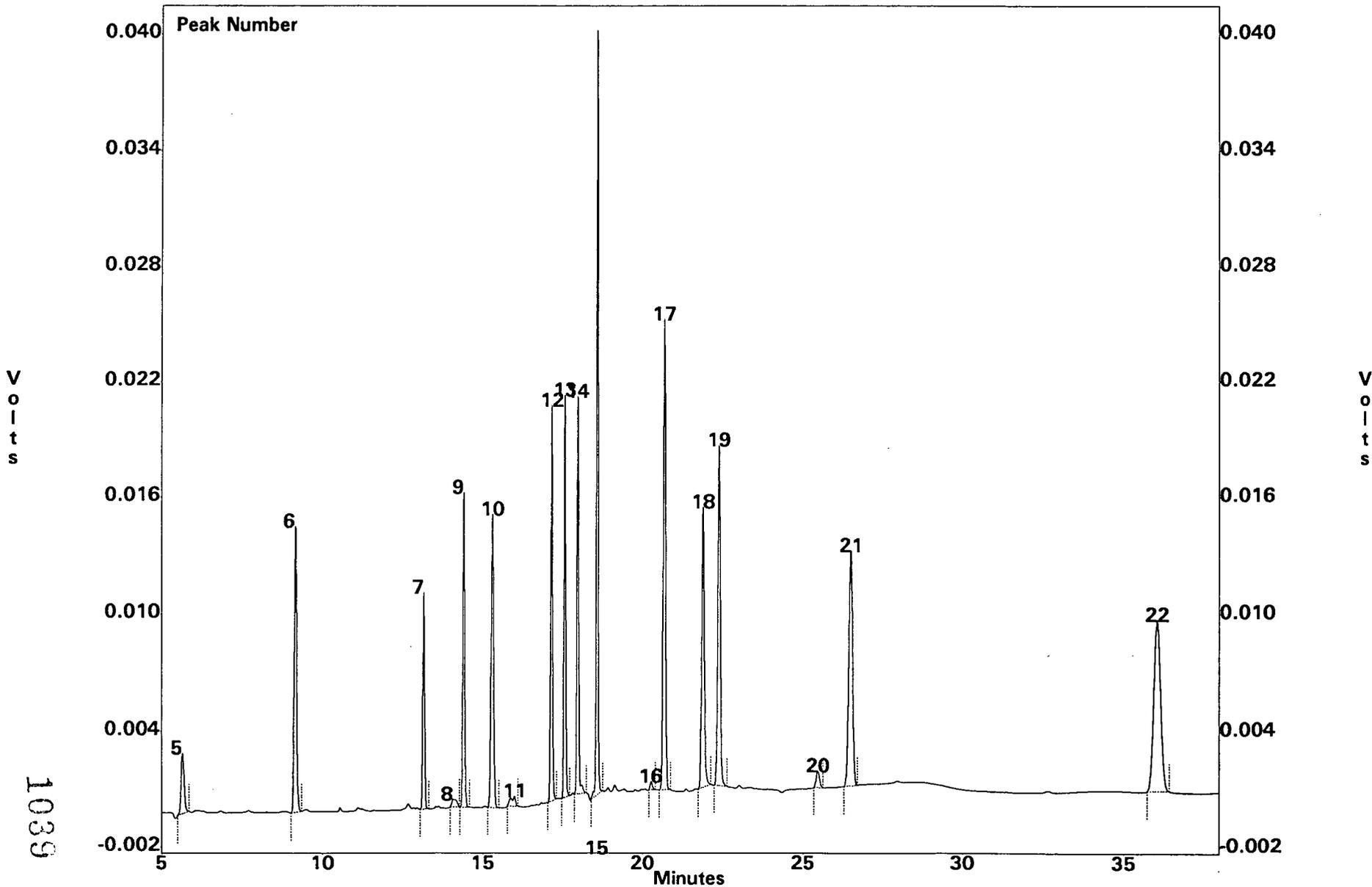
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.150	69792	20.283
5	alpha BHC	11.592	79729	20.538
7	gamma BHC	12.925	80002	20.437
--	BETA BHC	13.150	0	0.000
8	HEPTACHLOR	14.033	98171	21.399
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
10	HEPTACHLOR EPOXIDE	17.150	7353	2.099
--	gamma CHLORDANE	17.575	0	0.000
--	alpha CHLORDANE	17.992	0	0.000
11	ENDOSULFAN I	18.075	83412	22.184
--	P,P' DDE	18.600	0	0.000
12	DIELDRIN	18.925	144221	41.692
13	ENDRIN	20.083	85703	43.236
14	P,P' DDD	20.267	102326	41.858
--	ENDOSULFAN II	20.692	0	0.000
15	P,P' DDT	21.367	82943	49.903
17	ENDRIN ALDEHYDE	21.867	9878	5.627
--	ENDOSULFAN SULFATE	22.417	0	0.000
19	METHOXYCHLOR	25.467	269635	199.246
20	ENDRIN KETONE	26.492	6161	3.417
21	DCB	36.033	142377	38.604

Channel B Results

PEAK #	RT, MIN	AREA
1	1.167	218394
2	4.142	3787
3	5.667	26366
6	12.650	2608
9	15.867	9595
16	21.650	4809
18	23.333	3487

File : C:\EZCHROM\CHROM\EC2\CLP\INDBM03.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : indbm03
Acquired : Sep 06, 1994 19:06:42
User : MB

C:\EZCHROM\CHROM\EC2\CLP\INDBM03.GC2 -- Channel B



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Sample ID : indbm03
Acquired : Sep 06, 1994 19:06:42

Channel B Results

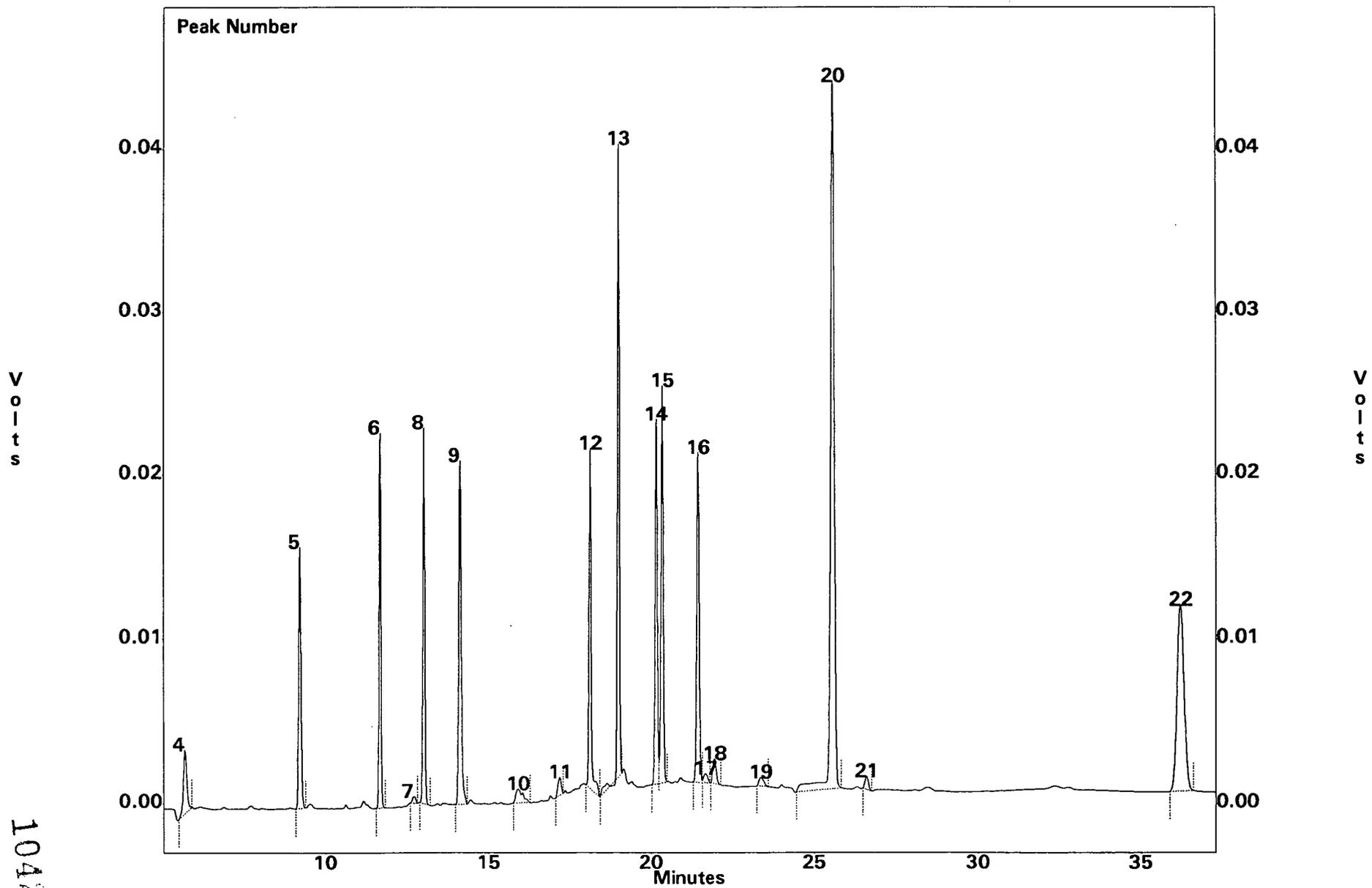
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
6	TCMX	9.150	69544	20.210
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
7	BETA BHC	13.133	44233	22.485
8	HEPTACHLOR	14.058	4397	0.959
9	DELTA BHC	14.408	64839	23.840
10	ALDRIN	15.300	81104	21.930
12	HEPTACHLOR EPOXIDE	17.142	77789	22.205
13	gamma CHLORDANE	17.558	77250	22.536
14	alpha CHLORDANE	17.967	81615	20.643
--	ENDOSULFAN I	18.100	0	0.000
15	P,P' DDE	18.583	143951	46.504
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
16	P,P' DDD	20.267	2155	0.882
17	ENDOSULFAN II	20.667	119112	50.653
--	P,P' DDT	21.400	0	0.000
18	ENDRIN ALDEHYDE	21.883	86062	49.025
19	ENDOSULFAN SULFATE	22.383	104610	50.854
20	METHOXYCHLOR	25.467	6166	4.557
21	ENDRIN KETONE	26.500	95602	53.016
22	DCB	36.042	130578	35.405

Channel B Results

PEAK #	RT, MIN	AREA
1	1.167	71805
2	1.550	3360
3	1.717	1756
4	4.142	2612
5	5.667	21884
11	16.000	5600

File : C:\EZCHROM\CHROM\EC2\CLP\INDAM04
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : INDAM04
Acquired : Sep 13, 1994 21:45:28
User : MB

C:\EZCHROM\CHROM\EC2\CLP\INDAM04 -- Channel B



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1042

File : C:\EZCHROM\CHROM\EC2\CLP\INDAM04
 Sample ID : INDAM04
 Acquired : Sep 13, 1994 21:45:28

Channel B Results

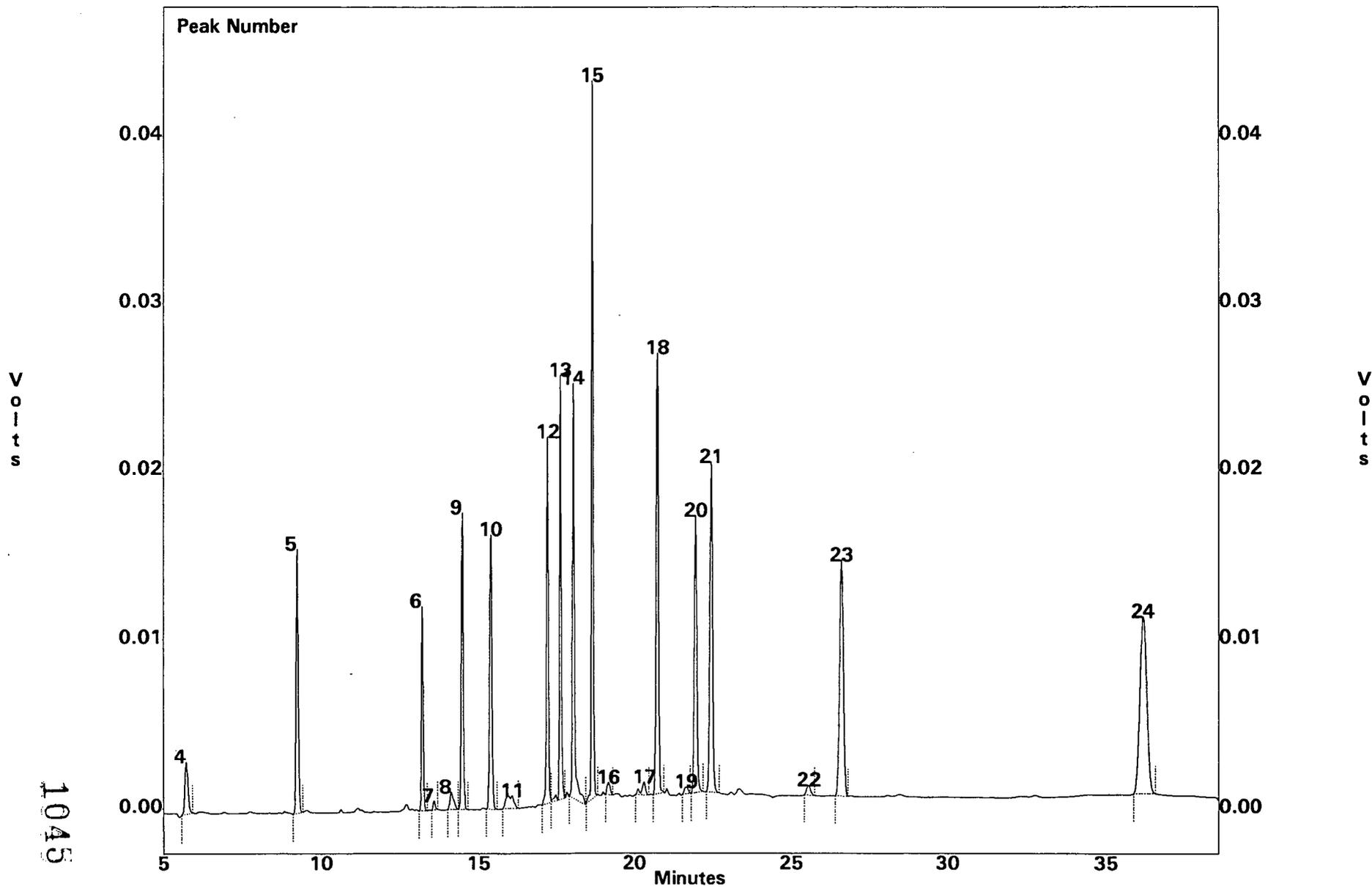
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.242	74888	21.764
6	alpha BHC	11.683	87762	22.608
8	gamma BHC	13.017	88278	22.551
--	BETA BHC	13.150	0	0.000
9	HEPTACHLOR	14.125	109293	23.823
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
11	HEPTACHLOR EPOXIDE	17.200	7929	2.263
--	gamma CHLORDANE	17.575	0	0.000
--	alpha CHLORDANE	17.992	0	0.000
12	ENDOSULFAN I	18.142	93285	24.810
--	P,P' DDE	18.600	0	0.000
13	DIELDRIN	19.000	157880	45.641
14	ENDRIN	20.158	102496	51.708
15	P,P' DDD	20.342	109678	44.865
--	ENDOSULFAN II	20.692	0	0.000
16	P,P' DDT	21.442	99786	60.036
18	ENDRIN ALDEHYDE	21.942	10849	6.180
--	ENDOSULFAN SULFATE	22.417	0	0.000
20	METHOXYCHLOR	25.567	353367	261.119
21	ENDRIN KETONE	26.600	6123	3.396
22	DCB	36.208	171705	46.556

Channel B Results

PEAK #	RT, MIN	AREA
1	1.192	372905
2	1.750	7880
3	4.217	3740
4	5.733	29634
7	12.708	3018
10	15.933	12996
17	21.667	4717
19	23.358	5521

File : C:\EZCHROM\CHROM\EC2\CLP\INDBM04
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : INDBM04
Acquired : Sep 13, 1994 22:25:55
User : MB

C:\EZCHROM\CHROM\EC2\CLP\INDBM04 -- Channel B



US EPA ARCHIVE DOCUMENT

1045

File : C:\EZCHROM\CHROM\EC2\CLP\INDBM04
Sample ID : INDBM04
Acquired : Sep 13, 1994 22:25:55

Channel B Results

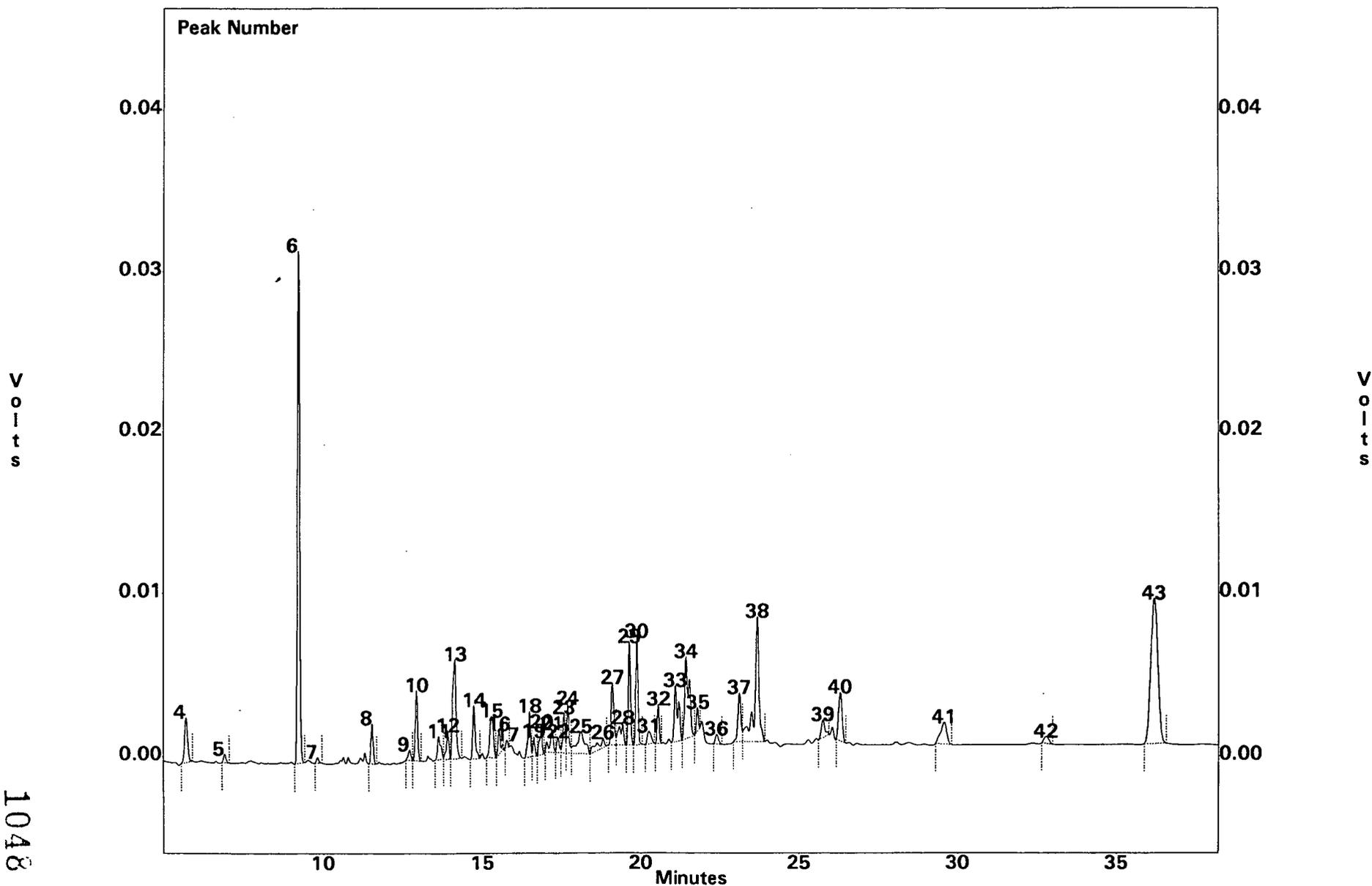
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.233	73479	21.354
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
6	BETA BHC	13.208	48130	24.466
8	HEPTACHLOR	14.133	8911	1.943
9	DELTA BHC	14.492	71809	26.402
10	ALDRIN	15.392	89155	24.107
12	HEPTACHLOR EPOXIDE	17.208	88018	25.125
13	gamma CHLORDANE	17.617	102352	29.859
14	alpha CHLORDANE	18.033	108412	27.420
--	ENDOSULFAN I	18.100	0	0.000
15	P,P' DDE	18.642	156251	50.477
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
17	P,P' DDD	20.317	7499	3.068
18	ENDOSULFAN II	20.733	129230	54.956
--	P,P' DDT	21.400	0	0.000
20	ENDRIN ALDEHYDE	21.958	97435	55.504
21	ENDOSULFAN SULFATE	22.458	116586	56.676
22	METHOXYCHLOR	25.550	4883	3.608
23	ENDRIN KETONE	26.583	112179	62.209
24	DCB	36.167	157104	42.597

Channel B Results

PEAK #	RT, MIN	AREA
1	1.192	103959
2	1.575	8381
3	4.208	2754
4	5.733	21323
7	13.575	2459
11	16.092	13668
16	19.158	5219
19	21.658	3235

File : C:\EZCHROM\CHROM\EC2\CLP\AR166002
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : AR166002
Acquired : Sep 13, 1994 23:09:01
User : MB

C:\EZCHROM\CHROM\EC2\CLP\AR166002 -- Channel B



US EPA ARCHIVE DOCUMENT

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File : C:\EZCHROM\CHROM\EC2\CLPVAR166002
Sample ID : AR166002
Acquired : Sep 13, 1994 23:09:01

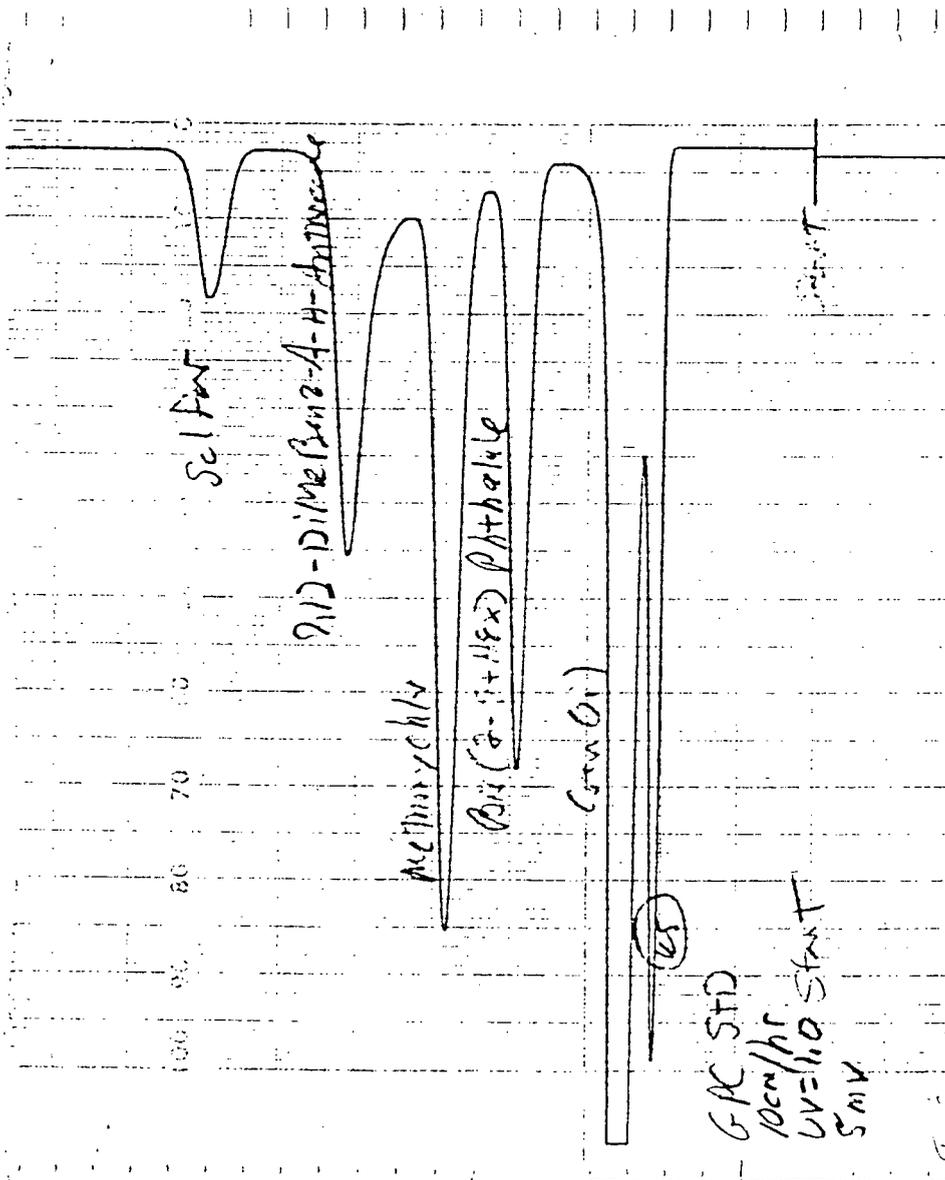
Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
6	TCMX	9.242	149160	43.348
8	alpha BHC	11.542	10828	2.789
10	gamma BHC	12.942	23201	5.927
--	BETA BHC	13.150	0	0.000
--	HEPTACHLOR	14.058	0	0.000
--	DELTA BHC	14.425	0	0.000
15	ALDRIN	15.292	19642	5.311
21	HEPTACHLOR EPOXIDE	17.200	11311	3.229
23	gamma CHLORDANE	17.583	12076	3.523
--	alpha CHLORDANE	17.992	0	0.000
25	ENDOSULFAN I	18.142	23601	6.277
--	P,P' DDE	18.600	0	0.000
26	DIELDRIN	18.833	9253	2.675
--	ENDRIN	20.108	0	0.000
31	P,P' DDD	20.275	6548	2.679
32	ENDOSULFAN II	20.575	11586	4.927
34	P,P' DDT	21.442	47110	28.343
35	ENDRIN ALDEHYDE	21.808	6573	3.745
36	ENDOSULFAN SULFATE	22.408	3833	1.863
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
43	DCB	36.183	133060	36.078

Channel B Results

PEAK #	RT, MIN	AREA
1	1.200	944355
2	1.767	8251
3	4.208	4105
4	5.750	18895
5	6.942	3249
7	9.842	1537
9	12.717	3985
11	13.650	10106
12	13.933	9497
13	14.158	46416
14	14.750	17686
16	15.533	8455
17	15.800	1932
18	16.500	14709
19	16.633	4984
20	16.875	9912
22	17.400	5521
24	17.708	14019
27	19.125	22559
28	19.442	14992
29	19.658	29187
30	19.892	31433
33	21.108	31136
37	23.117	19650
38	23.683	76573
39	25.758	8661
40	26.308	22787
41	29.567	17842
42	32.783	4246

1050

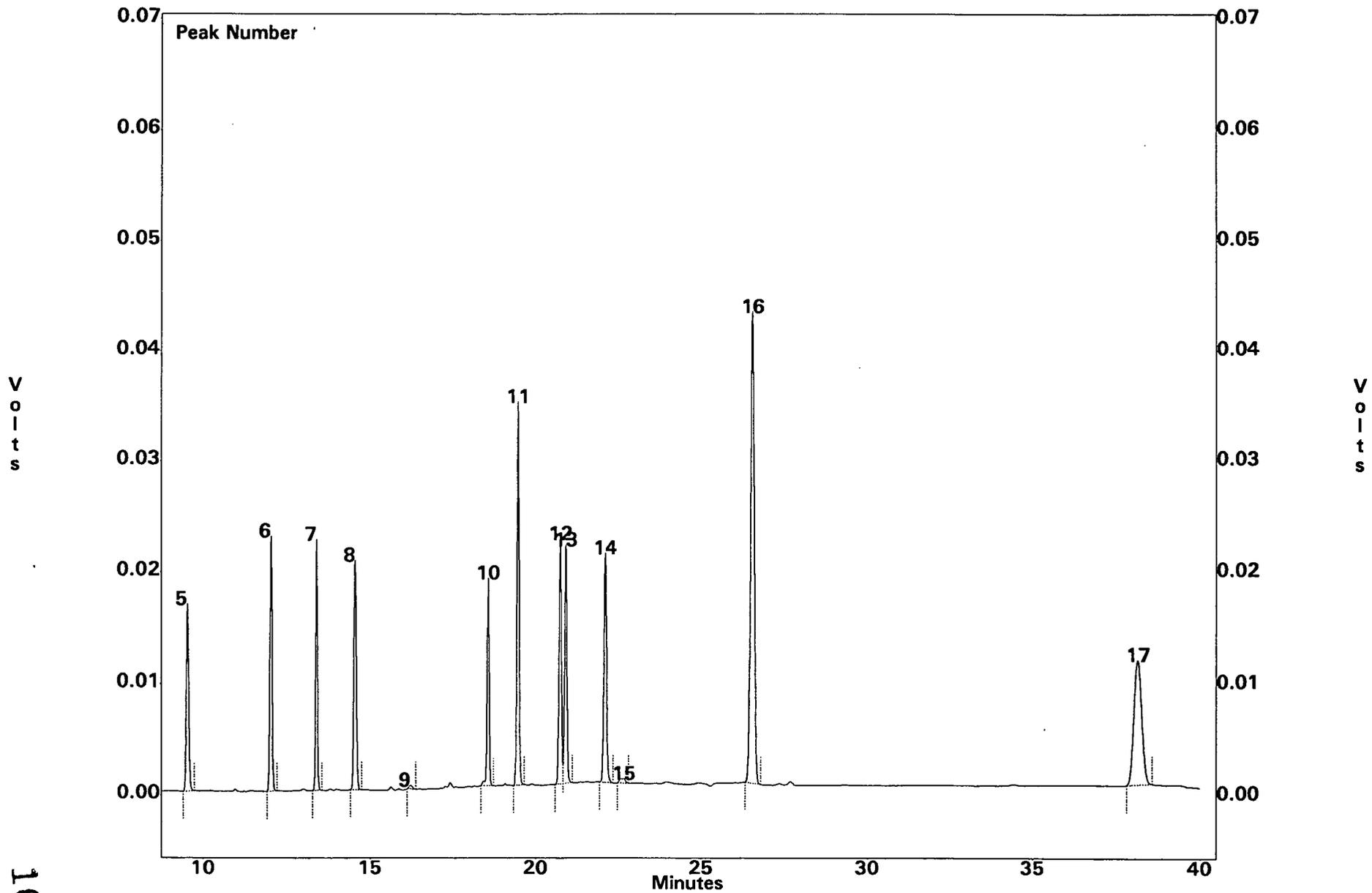


File : C:\EZCHROM\CHROM\EC2\CLP\INDAM01
Method : C:\EZCHROM\METHODS\EC2\CLP\NET19-1\BATCH2\EC2CLP.MET
Sample ID : INDAM01
Acquired : Oct 20, 1994 17:40:54
User : WS

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C:\EZCHROM\CHROM\EC2\CLP\INDAM01 -- Channel B



1052

File : C:\EZCHROM\CHROM\EC2\CLP\INDAM01
 Sample ID : INDAM01
 Acquired : Oct 20, 1994 17:40:54

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.550	81332	20.000
6	alpha BHC	12.033	89692	20.000
7	gamma BHC	13.383	88924	20.000
--	BETA BHC	13.592	0	0.000
8	HEPTACHLOR	14.567	107358	20.000
--	DELTA BHC	14.958	0	0.000
--	ALDRIN	15.900	0	0.000
--	HEPTACHLOR EPOXIDE	17.575	0	0.000
--	gamma CHLORDANE	18.000	0	0.000
--	alpha CHLORDANE	18.442	0	0.000
10	ENDOSULFAN I	18.567	78980	20.000
--	P,P' DDE	19.083	0	0.000
11	DIELDRIN	19.483	154126	40.000
12	ENDRIN	20.733	109040	40.000
13	P,P' DDD	20.900	98815	40.000
--	ENDOSULFAN II	21.358	0	0.000
14	P,P' DDT	22.092	109949	40.000
15	ENDRIN ALDEHYDE	22.667	4476	1.898
--	ENDOSULFAN SULFATE	23.217	0	0.000
16	METHOXYCHLOR	26.550	347716	200.000
--	ENDRIN KETONE	27.708	0	0.000
17	DCB	38.150	180461	40.000

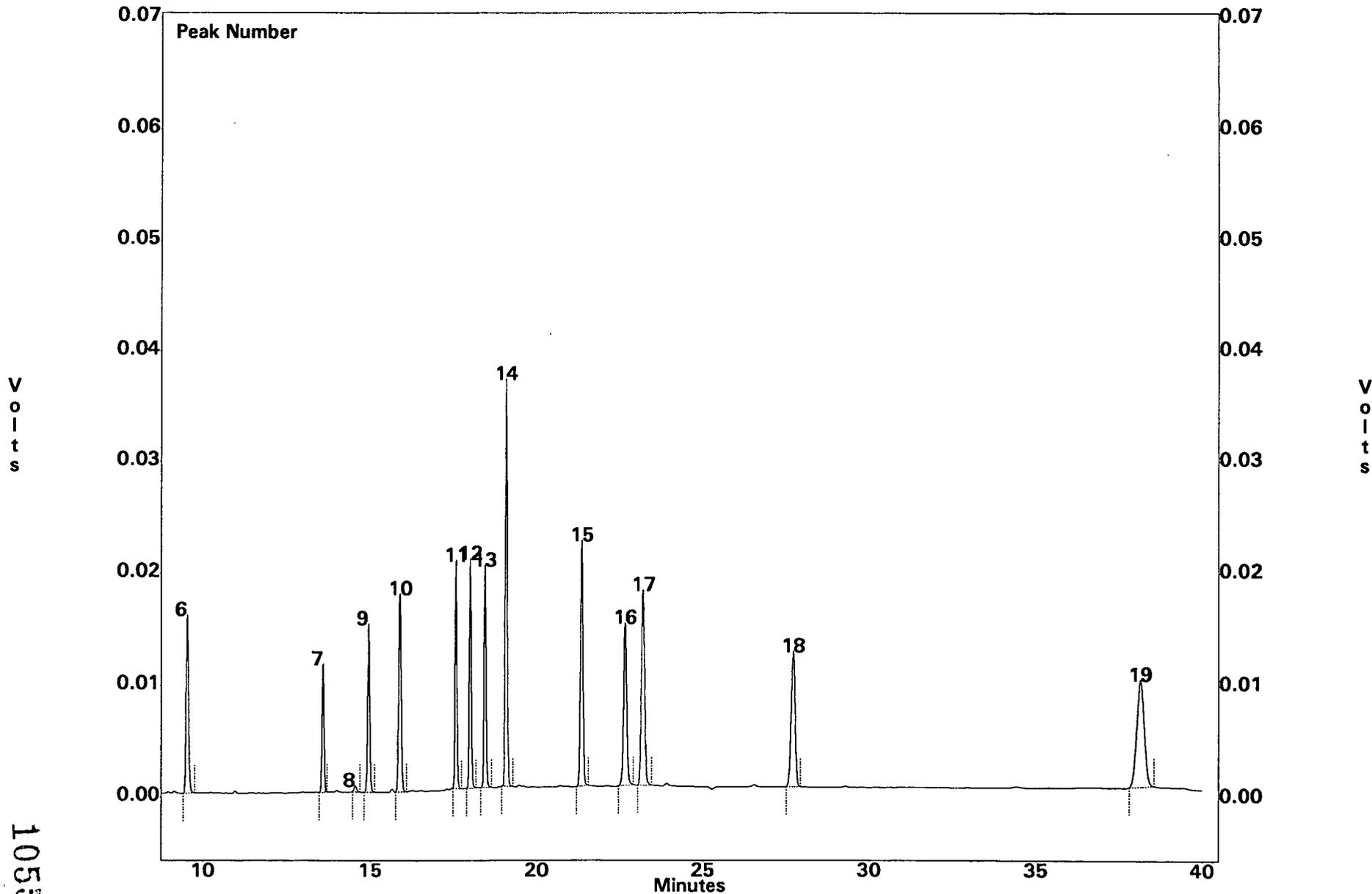
Channel B Results

PEAK #	RT, MIN	AREA
1	1.300	191429
2	1.658	21075
3	1.833	11309
4	5.950	6009
9	16.258	2363

File : C:\EZCHROM\CHROM\EC2\CLP\INDBM01
Method : C:\EZCHROM\METHODS\EC2\CLP\NET19-1\BATCH2\EC2CLP.MET
Sample ID : INDBM01
Acquired : Oct 20, 1994 18:22:59
User : WS

Y
Sep
Narrative

C:\EZCHROM\CHROM\EC2\CLP\INDBM01 -- Channel B



US EPA ARCHIVE DOCUMENT

1055

File : C:\EZCHROM\CHROME2\CLP\INDBM01
Sample ID : INDBM01
Acquired : Oct 20, 1994 18:22:59

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
6	TCMX	9.542	77285	19.005
--	alpha BHC	12.033	0	0.000
--	gamma BHC	13.383	0	0.000
7	BETA BHC	13.592	46967	20.000
8	HEPTACHLOR	14.550	2885	0.538
9	DELTA BHC	14.958	64546	20.000
10	ALDRIN	15.900	88172	20.000
11	HEPTACHLOR EPOXIDE	17.575	76045	20.000
12	gamma CHLORDANE	18.000	81537	20.000
13	alpha CHLORDANE	18.442	81405	20.000
--	ENDOSULFAN I	18.567	0	0.000
14	P,P' DDE	19.083	139861	40.000
--	DIELDRIN	19.483	0	0.000
--	ENDRIN	20.733	0	0.000
--	P,P' DDD	20.900	0	0.000
15	ENDOSULFAN II	21.358	117146	40.000
--	P,P' DDT	22.092	0	0.000
16	ENDRIN ALDEHYDE	22.675	94345	40.000
17	ENDOSULFAN SULFATE	23.217	111268	40.000
--	METHOXYCHLOR	26.550	0	0.000
18	ENDRIN KETONE	27.708	105915	40.000
19	DCB	38.133	152987	33.910

Channel B Results

PEAK #	RT, MIN	AREA
1	1.308	204051
2	1.667	111685
3	1.850	138242
4	3.892	4468
5	5.942	4124

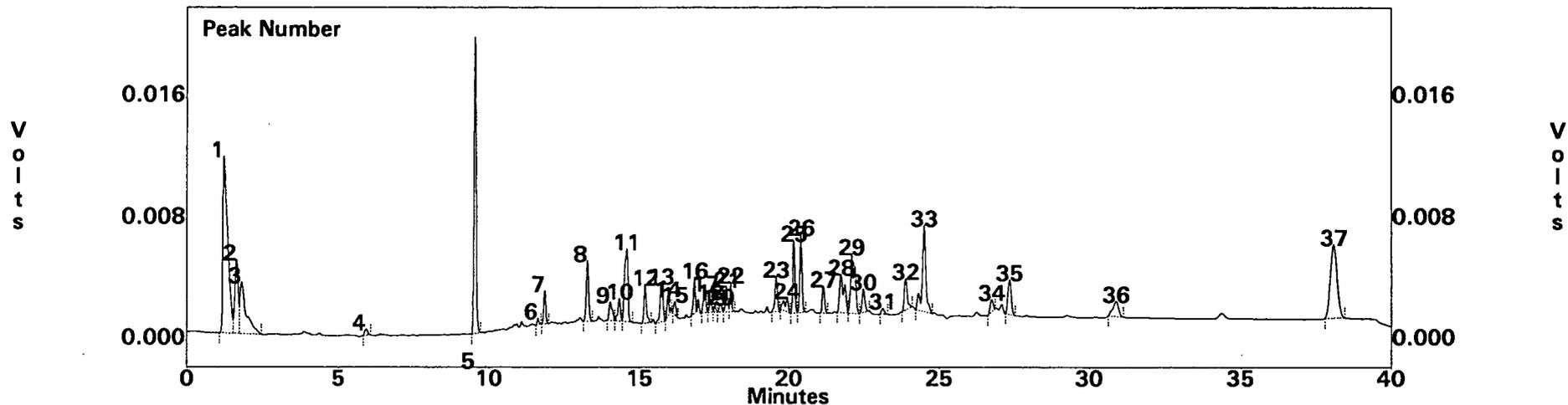
US EPA ARCHIVE DOCUMENT

1057

File : C:\EZCHROM\CHROM\EC2\CLP\AR106001
 Method : C:\EZCHROM\METHODS\EC2\CLP\NET19-1\BATCH2\PCB.MET
 Sample ID : AR106001
 Acquired : Oct 20, 1994 11:04:01
 Printed : Oct 21, 1994 18:01:26
 User : WS

Y
 See Narrative

C:\EZCHROM\CHROM\EC2\CLP\AR106001 -- Channel B



Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, UG/ML
1		1.250	127007	127007.313
2		1.658	40559	40559.141
3		1.842	48762	48762.793
4		5.942	2586	2586.750
5		9.542	94701	94701.000
6		11.650	1893	1893.000
7		11.875	9640	9640.500
8		13.300	21072	21072.750
9		14.042	8745	8745.393
10		14.342	8833	8833.107
11		14.583	38436	38436.750
12		15.217	14681	14681.000
13		15.775	17985	17985.000
14		15.992	6314	6314.250
15		16.225	4645	4645.000
16		16.883	11038	11038.000
17		17.233	8089	8089.610
18		17.392	4953	4953.083
19		17.550	2400	2400.496
20		17.758	3302	3302.504
21		17.950	7808	7808.080
22		18.075	8146	8146.228
23		19.583	13675	13675.500
24		19.933	8348	8348.250
25		20.167	23875	23875.791

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 Continued...

File : C:\EZCHROM\CHROM\EC2\CLP\AR106001
Method : C:\EZCHROM\METHODS\EC2\CLP\NET19-1\BATCH2\PCB.MET
Sample ID : AR106001
Acquired : Oct 20, 1994 11:04:01
Printed : Oct 21, 1994 18:01:31
User : WS

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, UG/ML
26		20.408	25615	25615.209
27		21.150	9186	9186.500
28		21.733	26102	26102.889
29		22.083	42474	42474.609
30		22.475	10210	10210.000
31		23.125	2378	2378.250
32	1260-1	23.892	14572	100.000
33	1260-2	24.508	49194	100.000
34		26.767	5841	5841.750
35	1260-3	27.350	18967	100.000
36		30.900	13462	13462.000
37		38.108	76943	76943.250

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RAW QC DATA

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

pblk01

Lab Name: New England Testing Laboratory, Inc

Contract: Wells G&H, RD/RA

Lab Code: RI010

SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: pblk01

Sample wt/vol: 30 (g/mL) g Lab File ID: pblk01

% Moisture: 0 decanted: (Y/N) n Date Received: na

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/13/94

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) y pH: 7 Sulfur Cleanup: (Y/N) n

CONCENTRATION UNITS:

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

319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	16.7	U
53494-70-5	Endrin ketone	3.3	U
7421-36-3	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	166.7	U
12674-11-2	Aroclor-1016	33.3	U
11104-28-2	Aroclor-1221	66.7	U
11141-16-5	Aroclor-1232	33.3	U
53469-21-9	Aroclor-1242	33.3	U
12672-29-6	Aroclor-1248	33.3	U
11097-69-1	Aroclor-1254	33.3	U
11096-82-5	Aroclor-1260	33.3	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK02

Lab Name: New England Testing Laboratory, Inc

Contract: Wells G&H, RD/RA

Lab Code: RI010

SDG No.: NETL18-1

Matrix: (soil/water) WATER Lab Sample ID: PBLK02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: PBLK02

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

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 09/01/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/13/94

Injection Volume: 2 (uL) Dilution Factor: 1

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

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

CAS NO. COMPOUND UG/L Q

319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.00	U
12674-11-2	Aroclor-1016	1.00	U
11104-28-2	Aroclor-1221	2.00	U
11141-16-5	Aroclor-1232	1.00	U
53469-21-9	Aroclor-1242	1.00	U
12672-29-6	Aroclor-1248	1.00	U
11097-69-1	Aroclor-1254	1.00	U
11096-82-5	Aroclor-1260	1.00	U

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK01

GC#1

Lab Name: New England Testing Laboratory, Inc

Contract: Wells G&H, RD/RA

Lab Code: RI010

SDG No.: NETL18-1

Matrix: (soil/water) WATER Lab Sample ID: PIBLK01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: PIBLK01

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

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

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/05/94

Injection Volume: 2 (uL) Dilution Factor: 1

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

CONCENTRATION UNITS:

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

319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.00	U
12674-11-2	Aroclor-1016	1.00	U
11104-28-2	Aroclor-1221	2.00	U
11141-16-5	Aroclor-1232	1.00	U
53469-21-9	Aroclor-1242	1.00	U
12672-29-6	Aroclor-1248	1.00	U
11097-69-1	Aroclor-1254	1.00	U
11096-82-5	Aroclor-1260	1.00	U

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK02	GC#1
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Lab Name: New England Testing Laboratory, Inc

Contract: Wells G&H, RD/RA

Lab Code: RI010

SDG No.: NETL18-1

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK02

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

Lab File ID: PIBLK02

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

Date Received: _____

Extraction: (SepF/Cont/Sonc) Sonc

Date Extracted: _____

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 09/05/94

Injection Volume: 2 (uL)

Dilution Factor: 1

GPC Cleanup: (Y/N) N

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

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

CAS NO.	COMPOUND	UG/L	Q
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319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.00	U
12674-11-2	Aroclor-1016	1.00	U
11104-28-2	Aroclor-1221	2.00	U
11141-16-5	Aroclor-1232	1.00	U
53469-21-9	Aroclor-1242	1.00	U
12672-29-6	Aroclor-1248	1.00	U
11097-69-1	Aroclor-1254	1.00	U
11096-82-5	Aroclor-1260	1.00	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK03	GC#1
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Lab Name: New England Testing Laboratory, Inc

Contract: Wells G&H, RD/RA

Lab Code: RI010

SDG No.: NETL18-1

Matrix: (soil/water) WATER Lab Sample ID: PIBLK03

Sample wt/vol: 1000 (g/mL) ML Lab File ID: PIBLK03

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

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

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/06/94

Injection Volume: 2 (uL) Dilution Factor: 1

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

CONCENTRATION UNITS:

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

319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.00	U
12674-11-2	Aroclor-1016	1.00	U
111104-28-2	Aroclor-1221	2.00	U
11141-16-5	Aroclor-1232	1.00	U
53469-21-9	Aroclor-1242	1.00	U
12672-29-6	Aroclor-1248	1.00	U
11097-69-1	Aroclor-1254	1.00	U
11096-82-5	Aroclor-1260	1.00	U

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK04	GC#1
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Lab Name: New England Testing Laboratory, Inc

Contract: Wells G&H, RD/RA

Lab Code: RI010

SDG No.: NETL18-1

Matrix: (soil/water) WATER Lab Sample ID: PIBLK04

Sample wt/vol: 1000 (g/mL) ML Lab File ID: PIBLK04

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

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

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/06/94

Injection Volume: 2 (uL) Dilution Factor: 1

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

CONCENTRATION UNITS:

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

319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.00	U
12674-11-2	Aroclor-1016	1.00	U
11104-28-2	Aroclor-1221	2.00	U
11141-16-5	Aroclor-1232	1.00	U
53469-21-9	Aroclor-1242	1.00	U
12672-29-6	Aroclor-1248	1.00	U
11097-69-1	Aroclor-1254	1.00	U
11096-82-5	Aroclor-1260	1.00	U

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK05	GC#1
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Lab Name: New England Testing Laboratory, Inc

Contract: Wells G&H, RD/RA

Lab Code: RI010

SDG No.: NETL18-1

Matrix: (soil/water) WATER Lab Sample ID: PIBLK05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: PIBLK05

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

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

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/13/94

Injection Volume: 2 (uL) Dilution Factor: 1

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

CONCENTRATION UNITS:

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

319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.00	U
12674-11-2	Aroclor-1016	1.00	U
11104-28-2	Aroclor-1221	2.00	U
11141-16-5	Aroclor-1232	1.00	U
53469-21-9	Aroclor-1242	1.00	U
12672-29-6	Aroclor-1248	1.00	U
11097-69-1	Aroclor-1254	1.00	U
11096-82-5	Aroclor-1260	1.00	U

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK06	GC#1
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Lab Name: New England Testing Laboratory, Inc

Contract: Wells G&H, RD/RA

Lab Code: RI010

SDG No.: NETL18-1

Matrix: (soil/water) WATER Lab Sample ID: PIBLK06

Sample wt/vol: 1000 (g/mL) ML Lab File ID: PIBLK06

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

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

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/13/94

Injection Volume: 2 (uL) Dilution Factor: 1

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

CONCENTRATION UNITS:

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

319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.00	U
12674-11-2	Aroclor-1016	1.00	U
11104-28-2	Aroclor-1221	2.00	U
11141-16-5	Aroclor-1232	1.00	U
53469-21-9	Aroclor-1242	1.00	U
12672-29-6	Aroclor-1248	1.00	U
11097-69-1	Aroclor-1254	1.00	U
11096-82-5	Aroclor-1260	1.00	U

1068

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK05	GC#2
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Lab Name: New England Testing Laboratory, Inc

Contract: Wells G&H, RD/RA

Lab Code: RI010

SDG No.: NETL18-1

Matrix: (soil/water) WATER Lab Sample ID: PIBLK05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: PIBLK05

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

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

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/13/94

Injection Volume: 2 (uL) Dilution Factor: 1

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

CONCENTRATION UNITS:

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

319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.00	U
12674-11-2	Aroclor-1016	1.00	U
11104-28-2	Aroclor-1221	2.00	U
11141-16-5	Aroclor-1232	1.00	U
53469-21-9	Aroclor-1242	1.00	U
12672-29-6	Aroclor-1248	1.00	U
11097-69-1	Aroclor-1254	1.00	U
11096-82-5	Aroclor-1260	1.00	U

1069

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK01	GC#2
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Lab Name: New England Testing Laboratory, Inc

Contract: Wells G&H, RD/RA

Lab Code: RI010

SDG No.: NETL18-1

Matrix: (soil/water) WATER Lab Sample ID: PIBLK01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: PIBLK01

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

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

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/05/94

Injection Volume: 2 (uL) Dilution Factor: 1

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

CONCENTRATION UNITS:

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

319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.00	U
12674-11-2	Aroclor-1016	1.00	U
11104-28-2	Aroclor-1221	2.00	U
11141-16-5	Aroclor-1232	1.00	U
53469-21-9	Aroclor-1242	1.00	U
12672-29-6	Aroclor-1248	1.00	U
11097-69-1	Aroclor-1254	1.00	U
11096-82-5	Aroclor-1260	1.00	U

1070

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK02	GC#2
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Lab Name: New England Testing Laboratory, Inc

Contract: Wells G&H, RD/RA

Lab Code: RI010

SDG No.: NETL18-1

Matrix: (soil/water) WATER Lab Sample ID: PIBLK02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: PIBLK02

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

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

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/05/94

Injection Volume: 2 (uL) Dilution Factor: 1

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

CONCENTRATION UNITS:

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

319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.00	U
12674-11-2	Aroclor-1016	1.00	U
11104-28-2	Aroclor-1221	2.00	U
11141-16-5	Aroclor-1232	1.00	U
53469-21-9	Aroclor-1242	1.00	U
12672-29-6	Aroclor-1248	1.00	U
11097-69-1	Aroclor-1254	1.00	U
11096-82-5	Aroclor-1260	1.00	U

1071

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK03

GC#2

Lab Name: New England Testing Laboratory, Inc

Contract: Wells G&H, RD/RA

Lab Code: RI010

SDG No.: NETL18-1

Matrix: (soil/water) WATER Lab Sample ID: PIBLK03

Sample wt/vol: 1000 (g/mL) ML Lab File ID: PIBLK03

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

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

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/06/94

Injection Volume: 2 (uL) Dilution Factor: 1

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

CONCENTRATION UNITS:

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

319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.00	U
12674-11-2	Aroclor-1016	1.00	U
11104-28-2	Aroclor-1221	2.00	U
11141-16-5	Aroclor-1232	1.00	U
53469-21-9	Aroclor-1242	1.00	U
12672-29-6	Aroclor-1248	1.00	U
11097-69-1	Aroclor-1254	1.00	U
11096-82-5	Aroclor-1260	1.00	U

1072

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK04	GC#2
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Lab Name: New England Testing Laboratory, Inc

Contract: Wells G&H, RD/RA

Lab Code: RI010

SDG No.: NETL18-1

Matrix: (soil/water) WATER Lab Sample ID: PIBLK04

Sample wt/vol: 1000 (g/mL) ML Lab File ID: PIBLK04

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

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

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/06/94

Injection Volume: 2 (uL) Dilution Factor: 1

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

CONCENTRATION UNITS:

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

319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.00	U
12674-11-2	Aroclor-1016	1.00	U
11104-28-2	Aroclor-1221	2.00	U
11141-16-5	Aroclor-1232	1.00	U
53469-21-9	Aroclor-1242	1.00	U
12672-29-6	Aroclor-1248	1.00	U
11097-69-1	Aroclor-1254	1.00	U
11096-82-5	Aroclor-1260	1.00	U

1073

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK07

GC#2

Lab Name: New England Testing Laboratory, Inc

Contract: Wells G&H, RD/RA

Lab Code: RI010

SDG No.: NETL18-1

Matrix: (soil/water) WATER Lab Sample ID: PIBLK07

Sample wt/vol: 1000 (g/mL) ML Lab File ID: PIBLK07

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

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

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/14/94

Injection Volume: 2 (uL) Dilution Factor: 1

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

CONCENTRATION UNITS:

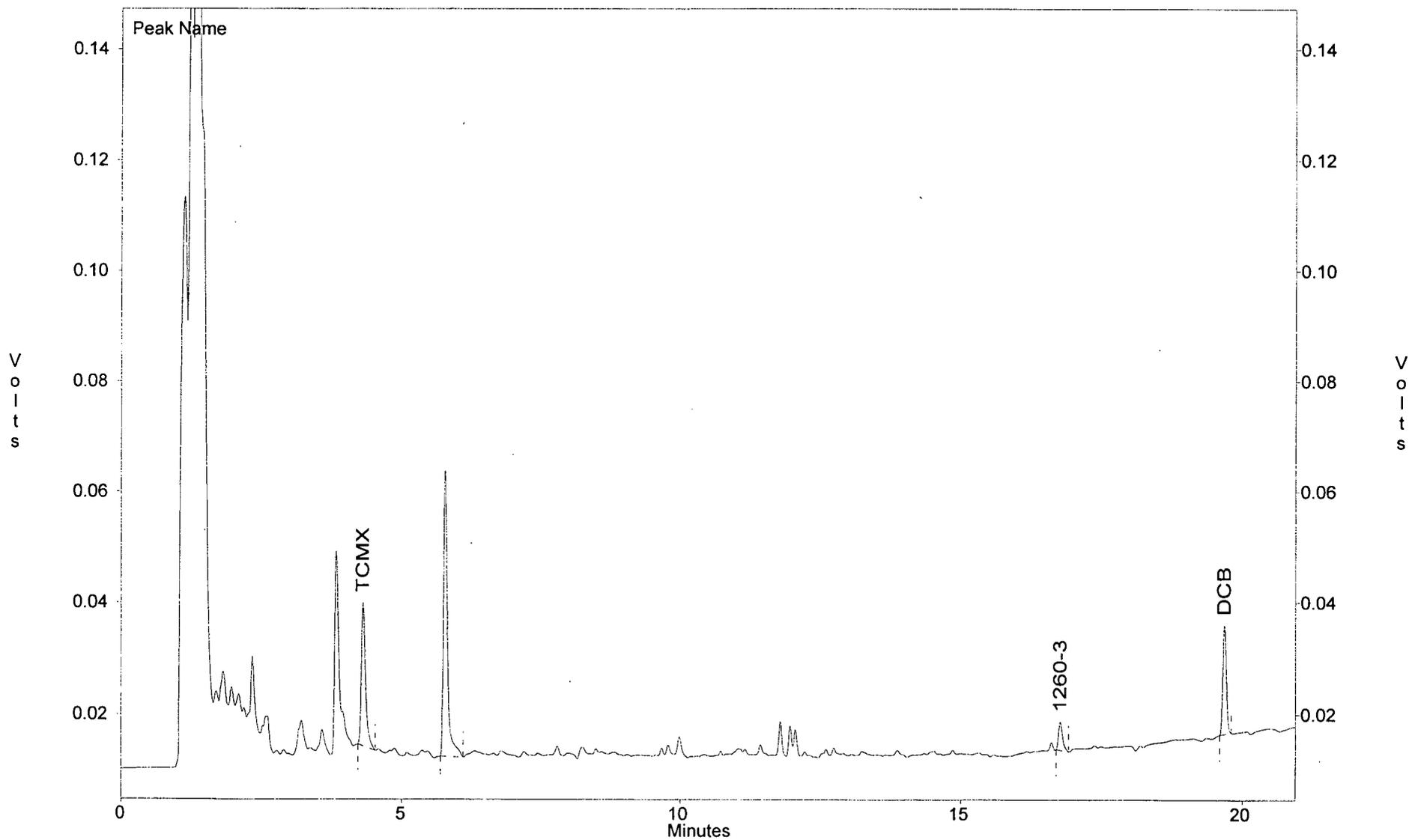
CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.00	U
12674-11-2	Aroclor-1016	1.00	U
11104-28-2	Aroclor-1221	2.00	U
11141-16-5	Aroclor-1232	1.00	U
53469-21-9	Aroclor-1242	1.00	U
12672-29-6	Aroclor-1248	1.00	U
11097-69-1	Aroclor-1254	1.00	U
11096-82-5	Aroclor-1260	1.00	U

1074

File : C:\EZCHROM\CHROM\EC1CLP\PBLK01
Sample ID : PBLK01
Acquired : Sep 13, 1994 10:21:27
User : mb

C:\EZCHROM\CHROM\EC1CLP\PBLK01 -- Channel B



US EPA ARCHIVE DOCUMENT

1075

File : C:\EZCHROM\CHROM\EC1CLP\PBLK01
Sample ID : PBLK01
Acquired : Sep 13, 1994 10:21:27
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.30	132394	28.71
	1260-3	16.77	25247	57.32
	DCB	19.68	82234	19.95

Channel B Results

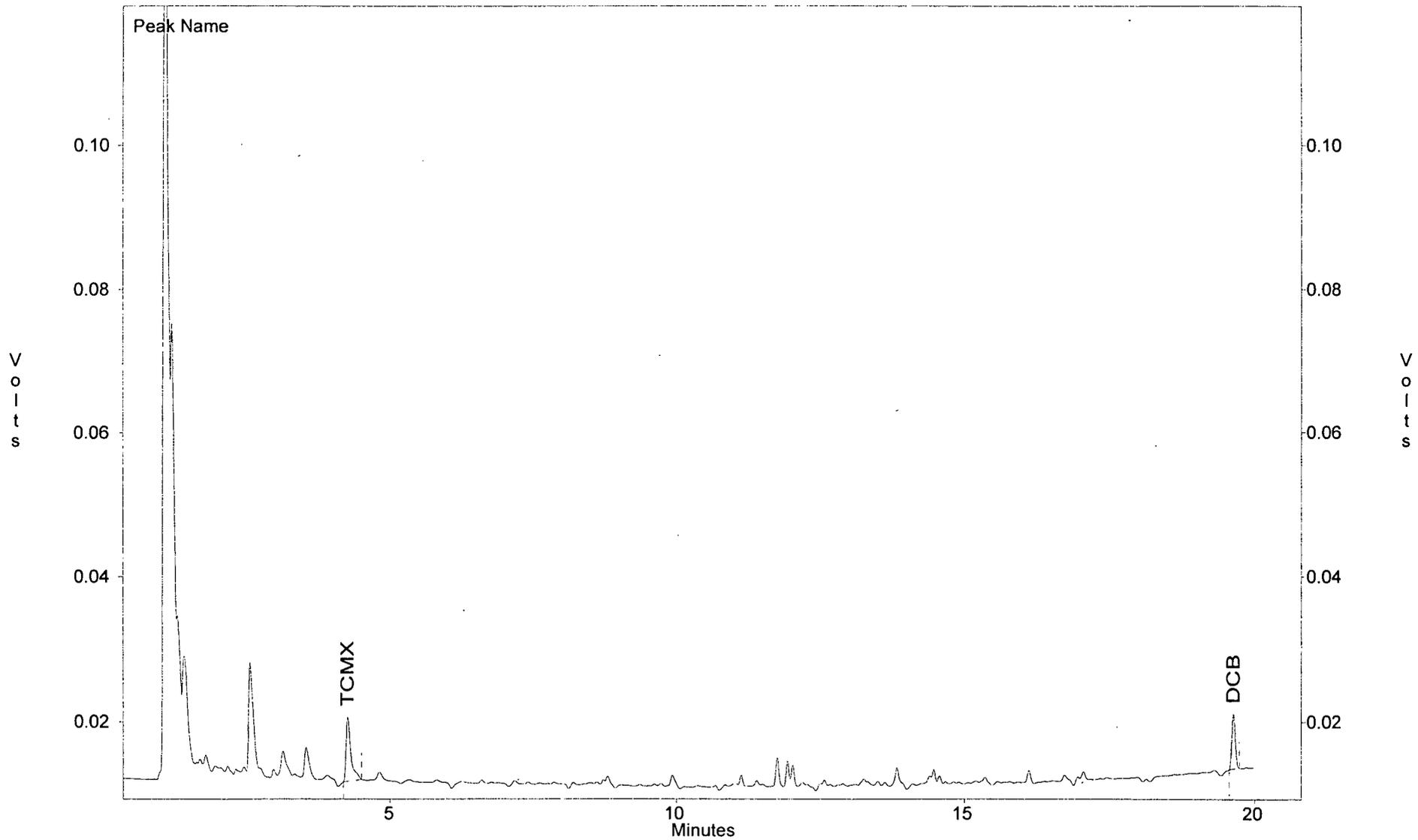
RT	AREA
5.77	257491

US EPA ARCHIVE DOCUMENT

1076

File : C:\EZCHROM\CHROM\EC1CLP\PBLK02W
Sample ID : PBLK02W
Acquired : Sep 13, 1994 18:25:44
User : mb

C:\EZCHROM\CHROM\EC1CLP\PBLK02W -- Channel B



1077

File : C:\EZCHROM\CHROM\EC1CLP\PBLK02W
Sample ID : PBLK02W
Acquired : Sep 13, 1994 18:25:44
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.27	50195	10.89
	DCB	19.63	30710	7.45

Channel B Results

RT

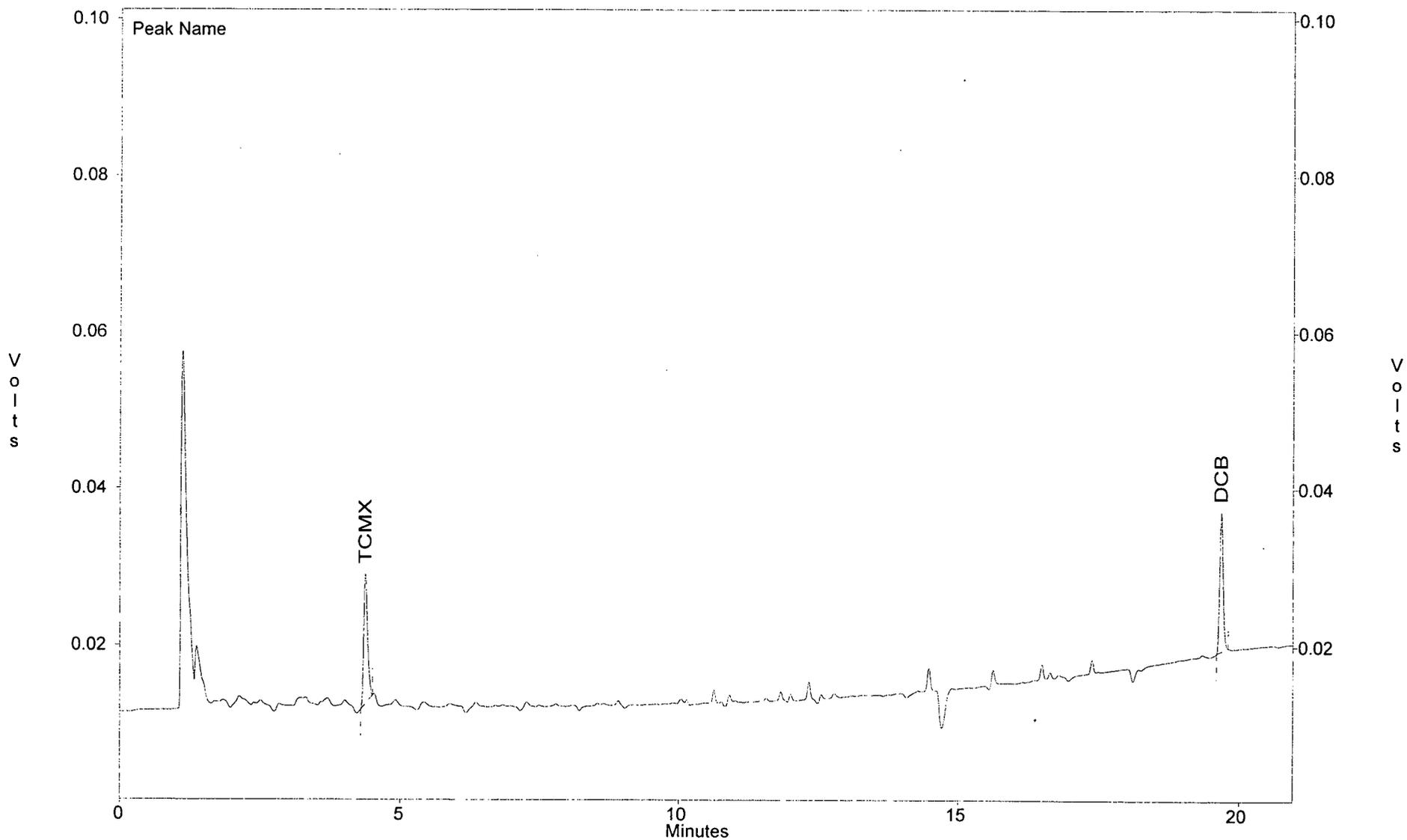
AREA

US EPA ARCHIVE DOCUMENT

1078

File : C:\EZCHROM\CHROM\EC1CLP\PIBLK01
Sample ID : piblk01
Acquired : Sep 05, 1994 12:30:28
User : mb

C:\EZCHROM\CHROM\EC1CLP\PIBLK01 -- Channel B



US EPA ARCHIVE DOCUMENT

1079

File : C:\EZCHROM\CHROM\EC1CLP\PIBLK01
 Sample ID : piblk01
 Acquired : Sep 05, 1994 12:30:28
 User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.37	79011	17.14
	DCB	19.68	74079	17.97

Channel B Results

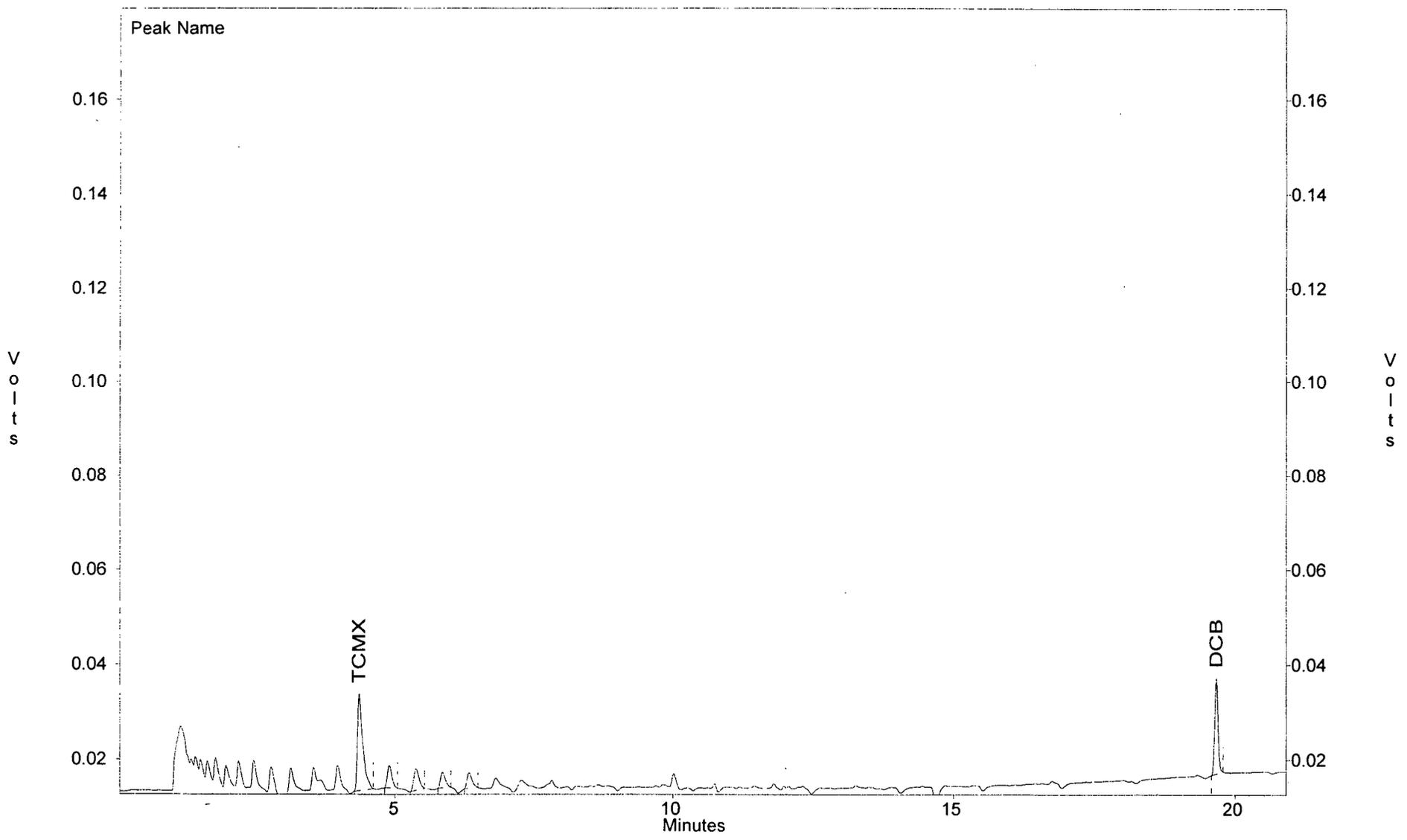
RT

 AREA

1080

File : C:\EZCHROM\CHROM\EC1CLP\PIBLK02
Sample ID : piblk02
Acquired : Sep 05, 1994 21:22:42
User : mb

C:\EZCHROM\CHROM\EC1CLP\PIBLK02 -- Channel B



US EPA ARCHIVE DOCUMENT

1081

File : C:\EZCHROM\CHROM\EC1CLP\PIBLK02
Sample ID : piblk02
Acquired : Sep 05, 1994 21:22:42
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.36	130387	28.28
	DCB	19.66	83685	20.30

Channel B Results

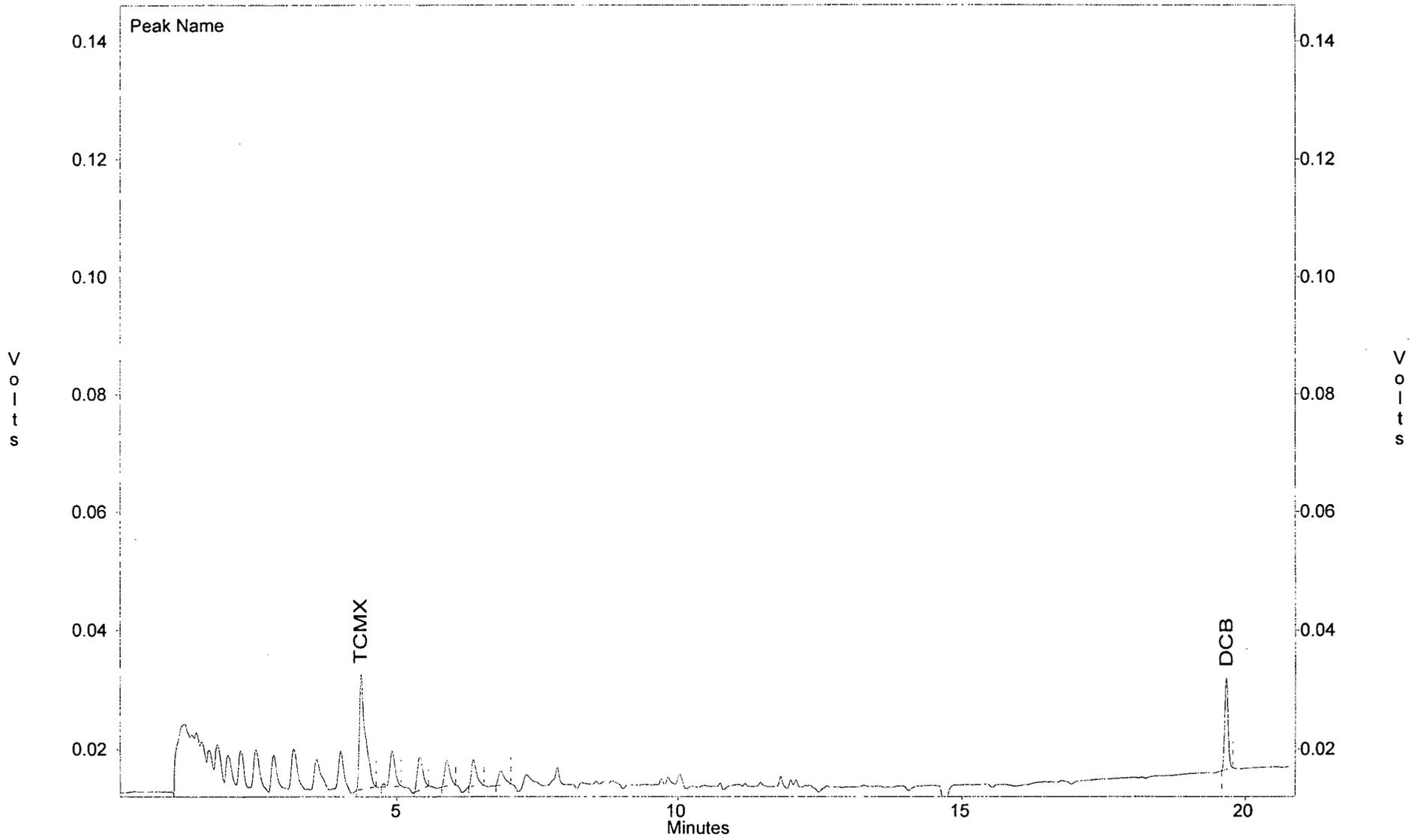
RT	AREA
4.90	26995
5.38	30128
5.86	20190
6.34	21337

US EPA ARCHIVE DOCUMENT

1082

File : C:\EZCHROM\CHROM\EC1CLP\PIBLK03
Sample ID : piblk03
Acquired : Sep 06, 1994 11:54:02
User : mb

C:\EZCHROM\CHROM\EC1CLP\PIBLK03 -- Channel B



US EPA ARCHIVE DOCUMENT

1083

File : C:\EZCHROM\CHROM\EC1CLP\PIBLK03
Sample ID : piblk03
Acquired : Sep 06, 1994 11:54:02
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.36	138830	30.11
	DCB	19.66	62362	15.13

Channel B Results

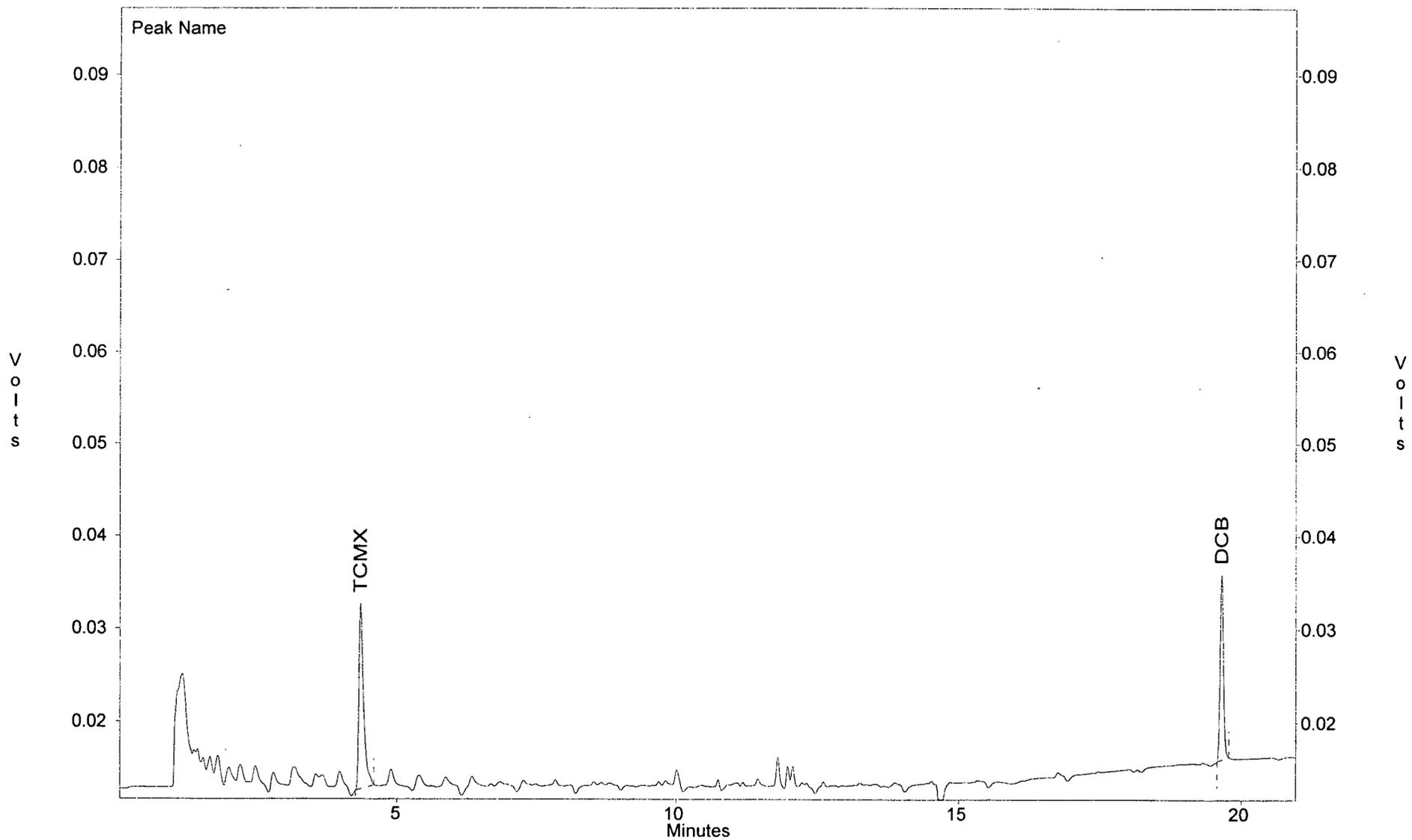
RT	AREA
4.92	39130
5.40	37518
5.88	28037
6.36	29070
6.84	17608

US EPA ARCHIVE DOCUMENT

1084

File : C:\EZCHROM\CHROM\EC1CLP\PIBLK04
Sample ID : piblk04
Acquired : Sep 06, 1994 21:06:07
User : mb

C:\EZCHROM\CHROM\EC1CLP\PIBLK04 -- Channel B



US EPA ARCHIVE DOCUMENT

1085

File : C:\EZCHROM\CHROM\EC1CLP\PIBLK04
Sample ID : piblk04
Acquired : Sep 06, 1994 21:06:07
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.35	113371	24.59
	DCB	19.65	83575	20.28

Channel B Results

RT

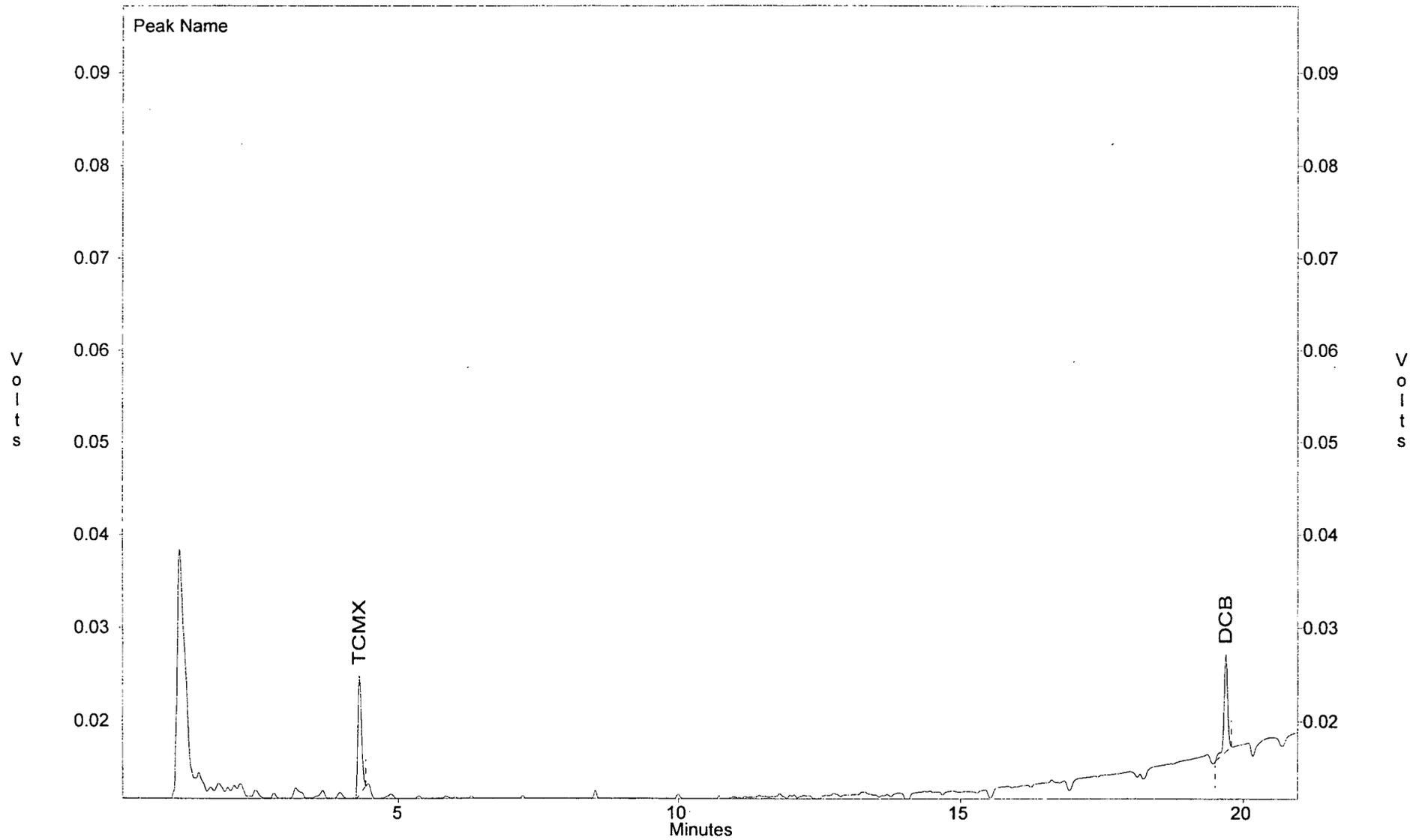
AREA

US EPA ARCHIVE DOCUMENT

1086

File : C:\EZCHROM\CHROM\EC1CLP\PIBLK05
Sample ID : PIBLK05
Acquired : Sep 13, 1994 08:50:37
User : mb

C:\EZCHROM\CHROM\EC1CLP\PIBLK05 -- Channel B



US EPA ARCHIVE DOCUMENT

1087

File : C:\EZCHROM\CHROM\EC1CLP\PIBLK05
Sample ID : PIBLK05
Acquired : Sep 13, 1994 08:50:37
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.30	58355	12.66
	DCB	19.69	46065	11.18

Channel B Results

RT

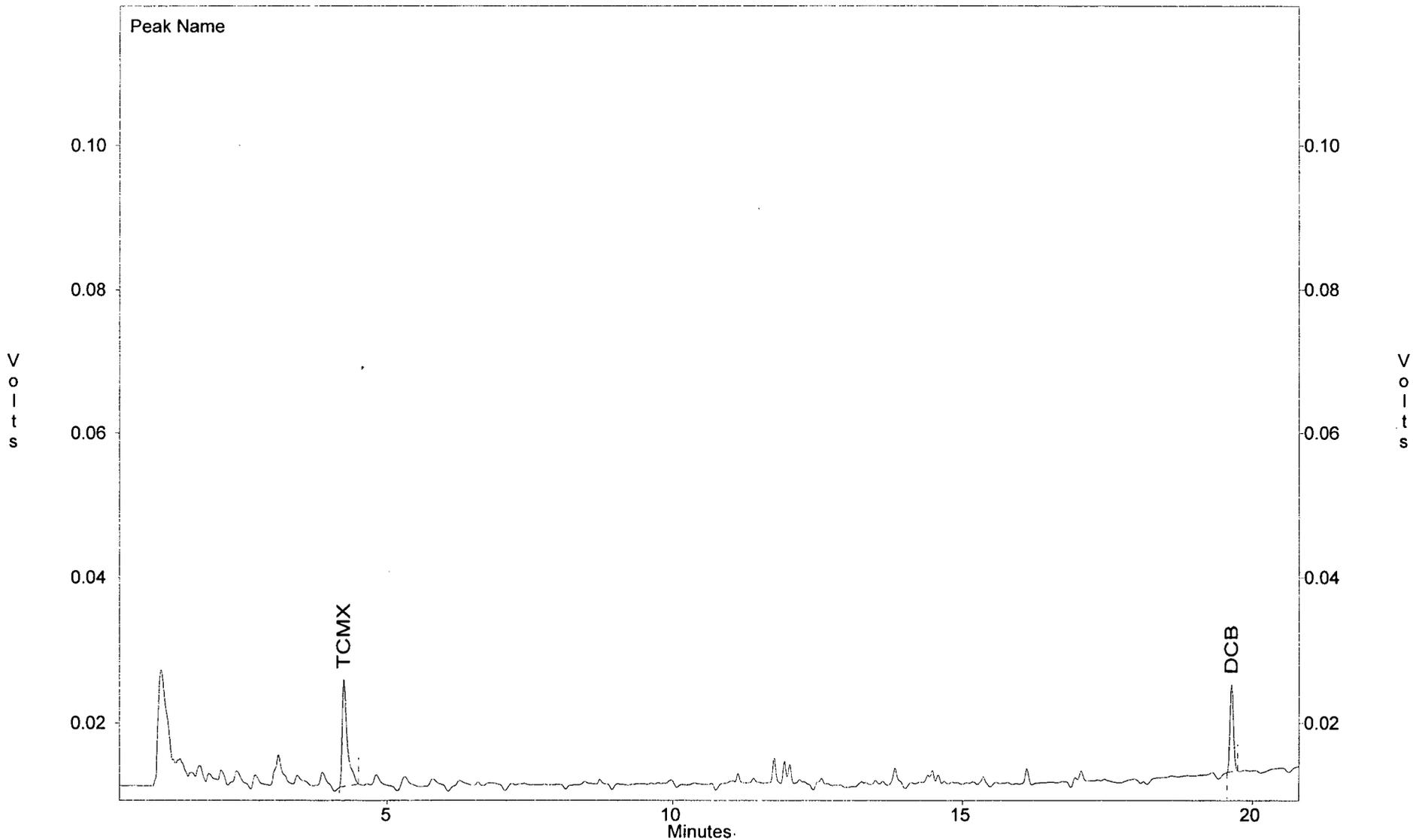
AREA

US EPA ARCHIVE DOCUMENT

1088

File : C:\EZCHROM\CHROM\EC1CLP\PIBLK06
Sample ID : PIBLK06
Acquired : Sep 13, 1994 18:48:18
User : mb

C:\EZCHROM\CHROM\EC1CLP\PIBLK06 -- Channel B



US EPA ARCHIVE DOCUMENT

1085

File : C:\EZCHROM\CHROM\EC1CLP\PIBLK06
Sample ID : PIBLK06
Acquired : Sep 13, 1994 18:48:18
User : mb

Channel B Results

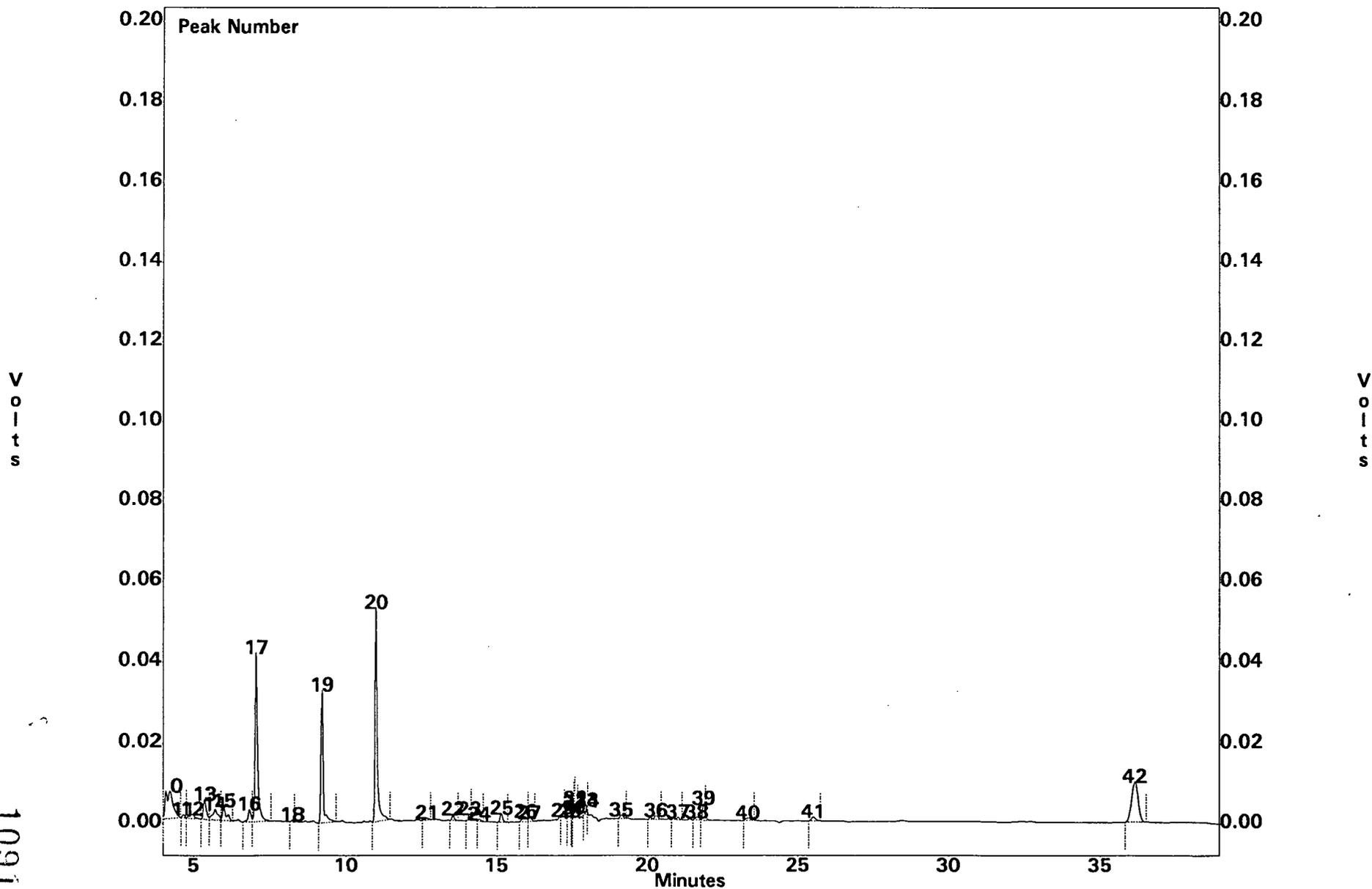
NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.26	86987	18.87
	DCB	19.64	49700	12.06

Channel B Results

RT	AREA
----	------

File : C:\EZCHROM\CHROM\EC2\CLP\PBLK01
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : PBLK01
Acquired : Sep 13, 1994 10:38:46
User : MB

C:\EZCHROM\CHROM\EC2\CLP\PBLK01 -- Channel B



US EPA ARCHIVE DOCUMENT

1091

File : C:\EZCHROM\CHROM\EC2\CLP\PBLK01
Sample ID : PBLK01
Acquired : Sep 13, 1994 10:38:46

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
19	TCMX	9.217	173449	50.407
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
23	HEPTACHLOR	14.108	3783	0.825
24	DELTA BHC	14.425	2611	0.960
--	ALDRIN	15.325	0	0.000
28	HEPTACHLOR EPOXIDE	17.192	1589	0.454
31	gamma CHLORDANE	17.583	247	0.072
33	alpha CHLORDANE	18.017	1564	0.396
34	ENDOSULFAN I	18.025	566	0.151
--	P,P' DDE	18.600	0	0.000
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
36	P,P' DDD	20.292	10745	4.395
--	ENDOSULFAN II	20.692	0	0.000
--	P,P' DDT	21.400	0	0.000
39	ENDRIN ALDEHYDE	21.892	10017	5.706
--	ENDOSULFAN SULFATE	22.417	0	0.000
41	METHOXYCHLOR	25.533	8979	6.635
--	ENDRIN KETONE	26.542	0	0.000
42	DCB	36.150	153679	41.668

US EPA ARCHIVE DOCUMENT

1092

Channel B Results

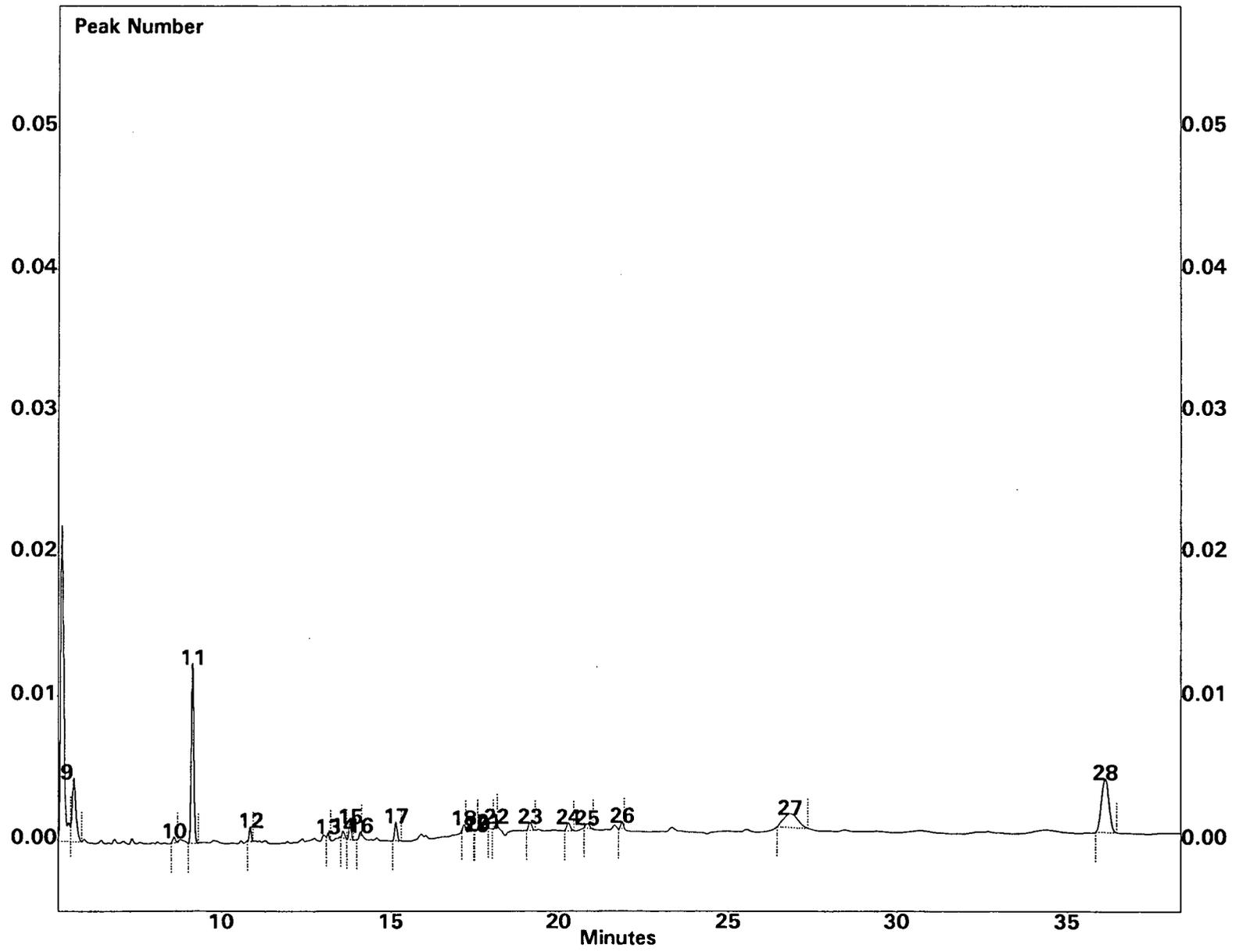
PEAK #	RT, MIN	AREA
1	1.225	516332
2	1.725	1355764
3	1.925	2471033
4	2.375	391221
5	2.800	70553
6	3.033	66185
7	3.258	100367
8	3.558	26077
9	3.833	37861
10	4.242	118812
11	4.667	4830
12	4.958	11613
13	5.375	34988
14	5.708	33743
15	6.008	30464
16	6.842	19860
17	7.058	253277
18	8.258	1950
20	10.992	289564
21	12.692	4184
22	13.558	7965
25	15.158	13048
26	15.975	10829
27	16.100	6490
29	17.442	3467
30	17.567	1360
32	17.608	13178
35	19.150	6952
37	21.025	6342
38	21.658	6580
40	23.367	5919

File : C:\EZCHROM\CHROM\EC2\CLP\PBLK02W
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : PBLK02W
Acquired : Sep 13, 1994 12:58:29
User : MB

C:\EZCHROM\CHROM\EC2\CLP\PBLK02W -- Channel B

US EPA ARCHIVE DOCUMENT

1094



File : C:\EZCHROM\CHROM\EC2\CLP\PBLK02W
Sample ID : PBLK02W
Acquired : Sep 13, 1994 12:58:29

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
11	TCMX	9.208	59509	17.294
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
13	BETA BHC	13.167	1331	0.677
16	HEPTACHLOR	14.117	1001	0.218
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
18	HEPTACHLOR EPOXIDE	17.175	1902	0.543
20	gamma CHLORDANE	17.583	186	0.054
21	alpha CHLORDANE	17.917	126	0.032
22	ENDOSULFAN I	18.142	187	0.050
--	P,P' DDE	18.600	0	0.000
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
24	P,P' DDD	20.292	4095	1.675
--	ENDOSULFAN II	20.692	0	0.000
--	P,P' DDT	21.400	0	0.000
26	ENDRIN ALDEHYDE	21.883	2371	1.351
--	ENDOSULFAN SULFATE	22.417	0	0.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
28	DCB	36.133	55648	15.088

US EPA ARCHIVE DOCUMENT

1095

Channel B Results

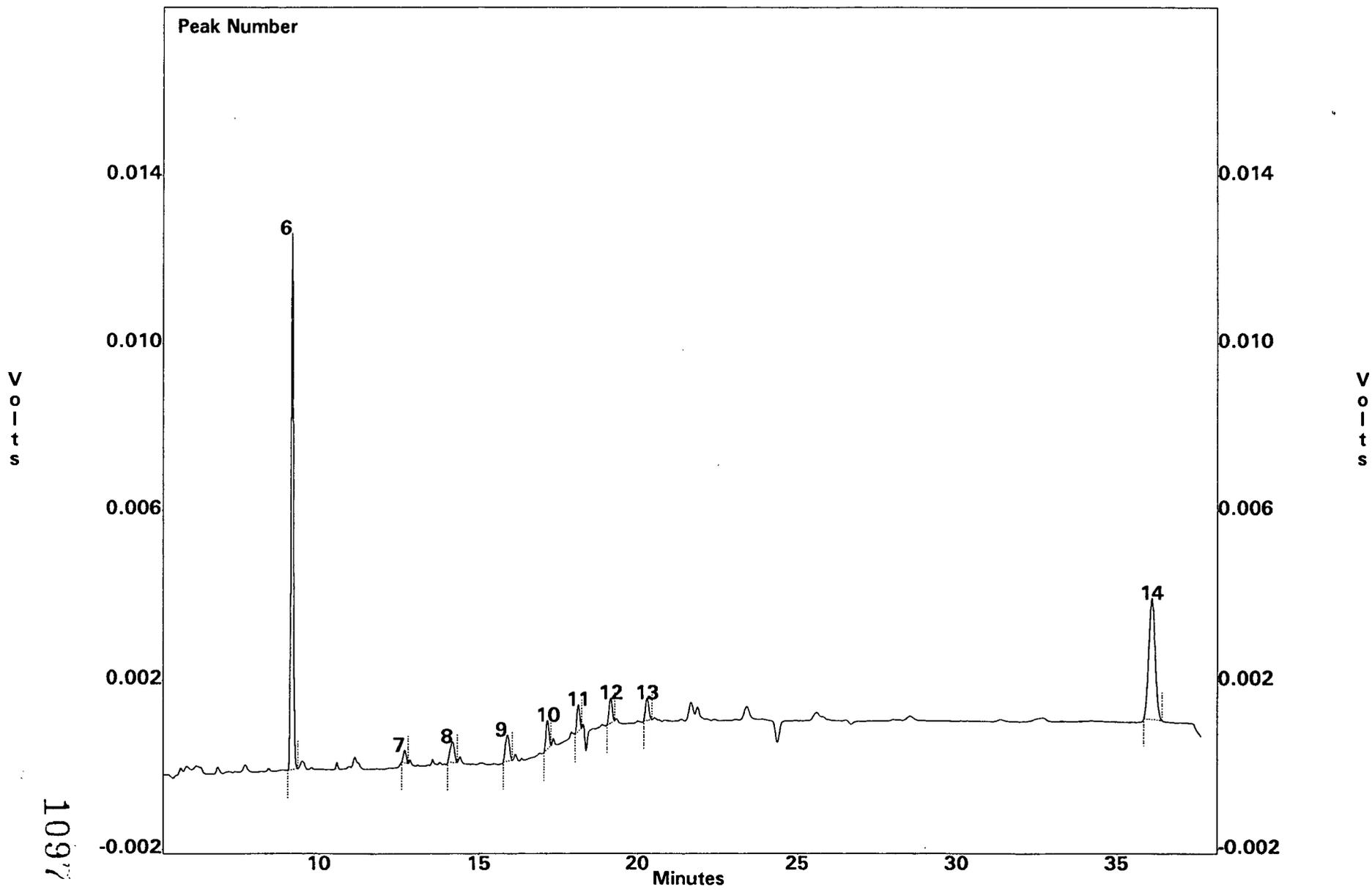
PEAK #	RT, MIN	AREA
1	1.267	1050396
2	1.525	215927
3	1.700	466038
4	2.308	82953
5	3.033	5243
6	4.200	8493
7	5.042	9058
8	5.358	144169
9	5.700	35408
10	8.667	2119
12	10.883	4120
14	13.600	2608
15	13.808	5512
17	15.158	7366
19	17.567	193
23	19.150	3716
25	20.858	2481
27	26.833	27994

US EPA ARCHIVE DOCUMENT

1096

File : C:\EZCHROM\CHROM\EC2\CLP\PIBLK01.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : PIBLK01
Acquired : Sep 05, 1994 18:09:22
User : MB

C:\EZCHROM\CHROM\EC2\CLP\PIBLK01.GC2 -- Channel B



US EPA ARCHIVE DOCUMENT

1097

File : C:\EZCHROM\CHROM\EC2\CLP\PIBLK01.GC2
Sample ID : PIBLK01
Acquired : Sep 05, 1994 18:09:22

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
6	TCMX	9.175	60458	17.570
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
--	HEPTACHLOR	14.058	0	0.000
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
10	HEPTACHLOR EPOXIDE	17.167	4545	1.297
--	gamma CHLORDANE	17.575	0	0.000
--	alpha CHLORDANE	17.992	0	0.000
11	ENDOSULFAN I	18.142	3992	1.062
--	P,P' DDE	18.600	0	0.000
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
13	P,P' DDD	20.308	3973	1.625
--	ENDOSULFAN II	20.692	0	0.000
--	P,P' DDT	21.400	0	0.000
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
14	DCB	36.100	40753	11.050

Channel B Results

PEAK #	RT, MIN	AREA
1	1.183	187225
2	1.567	20482
3	1.733	11418
4	1.950	35190
5	4.158	2774
7	12.675	1838
8	14.167	4571
9	15.900	5507
12	19.158	4202

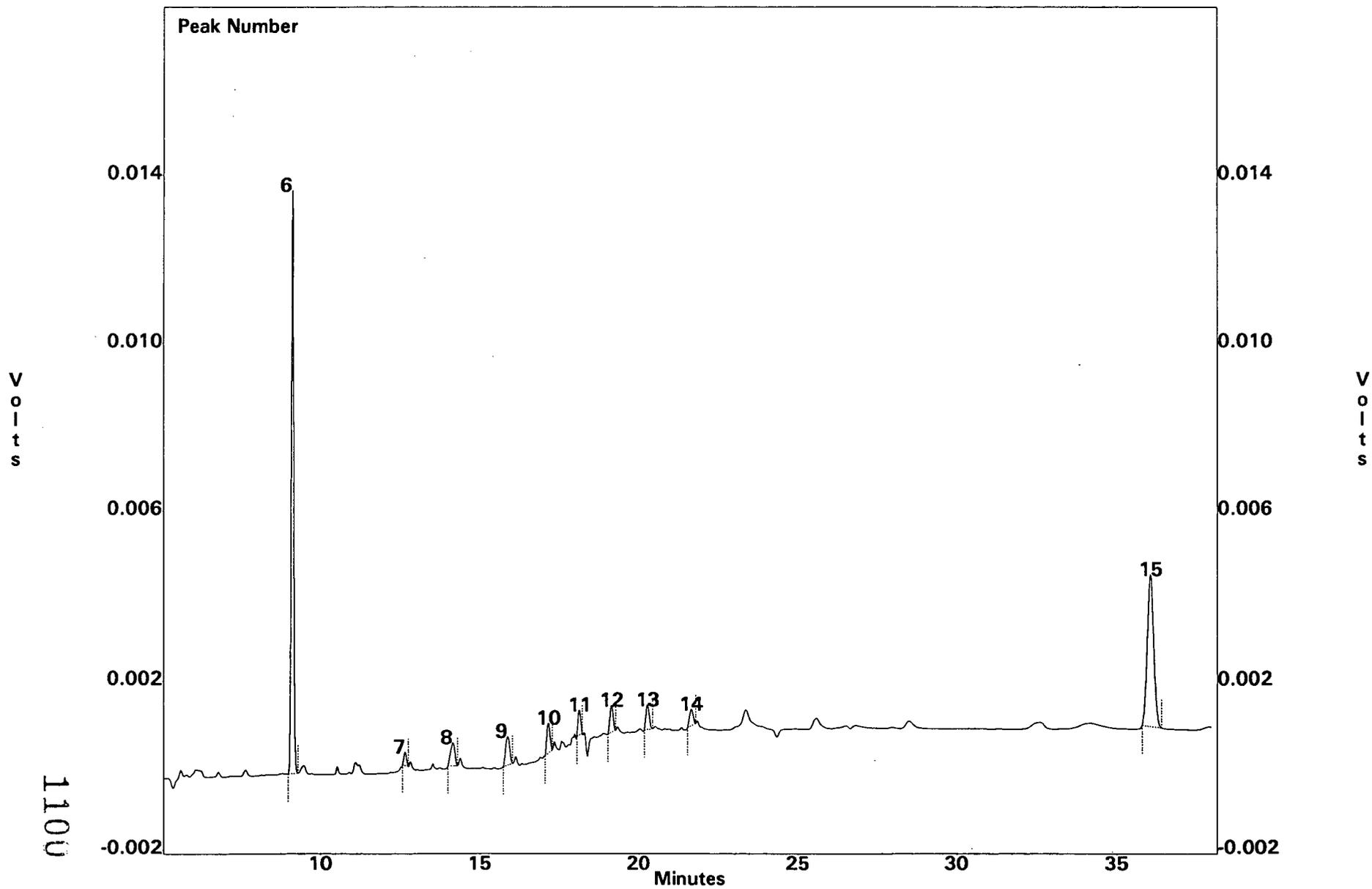
US EPA ARCHIVE DOCUMENT

1099

File : C:\EZCHROM\CHROM\EC2\CLP\PIBLK02.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : PBLK02
Acquired : Sep 05, 1994 20:58:29
User : MB

US EPA ARCHIVE DOCUMENT

C:\EZCHROM\CHROM\EC2\CLP\PIBLK02.GC2 -- Channel B



1100

File : C:\EZCHROM\CHROM\EC2\CLP\PIBLK02.GC2
 Sample ID : PBLK02
 Acquired : Sep 05, 1994 20:58:29

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
6	TCMX	9.158	64850	18.846
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
8	HEPTACHLOR	14.150	5260	1.147
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
10	HEPTACHLOR EPOXIDE	17.158	4726	1.349
--	gamma CHLORDANE	17.575	0	0.000
--	alpha CHLORDANE	17.992	0	0.000
11	ENDOSULFAN I	18.133	3540	0.942
--	P,P' DDE	18.600	0	0.000
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
13	P,P' DDD	20.292	4424	1.810
--	ENDOSULFAN II	20.692	0	0.000
--	P,P' DDT	21.400	0	0.000
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
15	DCB	36.050	51287	13.906

US EPA ARCHIVE DOCUMENT

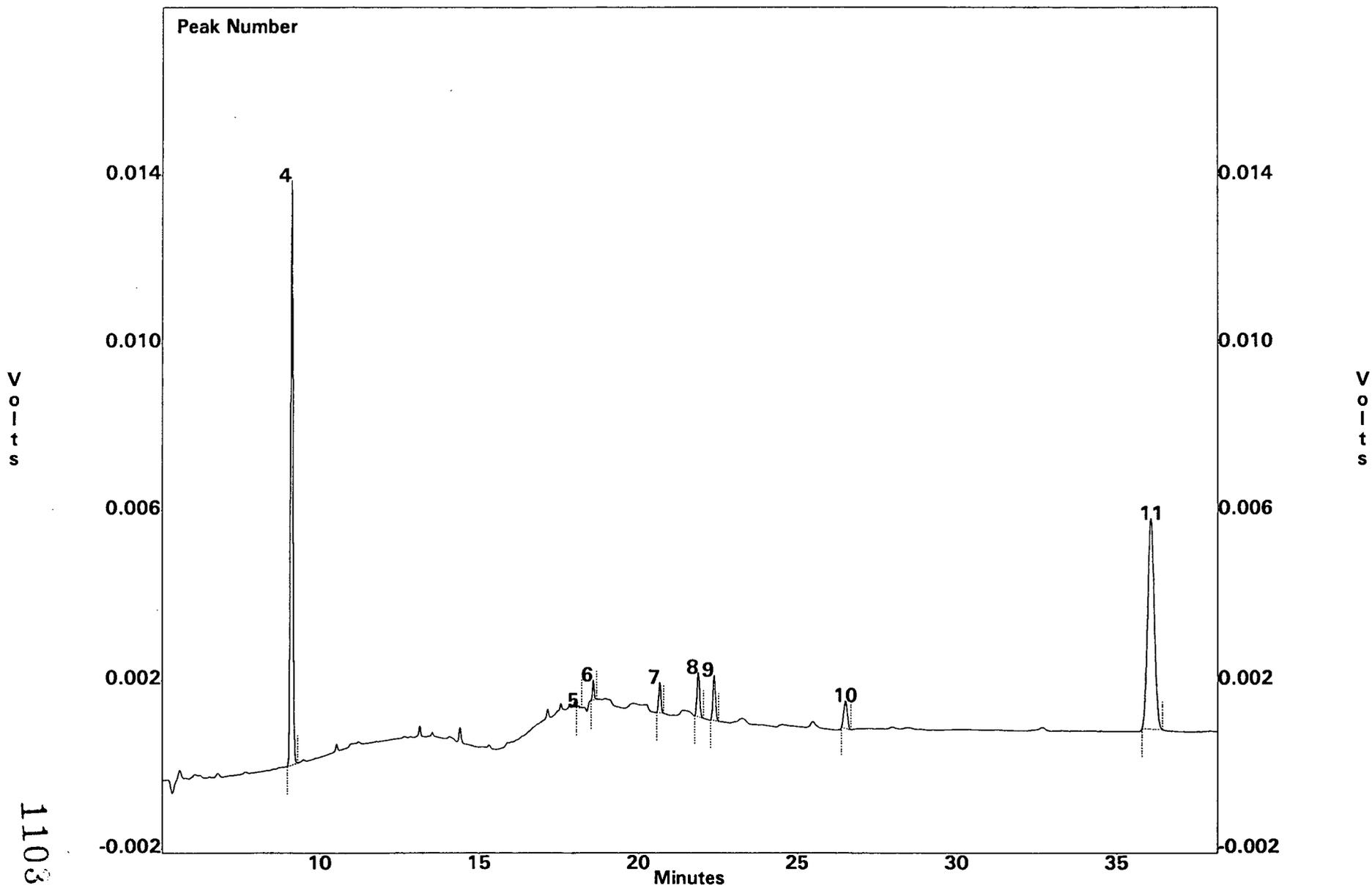
1101

Channel B Results

PEAK #	RT, MIN	AREA
1	1.175	193854
2	1.550	16071
3	1.717	8276
4	1.933	34859
5	4.142	3963
7	12.667	1938
9	15.883	6564
12	19.150	4560
14	21.667	2923

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Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : PIBLK03.GC2
Acquired : Sep 06, 1994 09:05:30
User : MB

C:\EZCHROM\CHROM\EC2\CLP\PIBLK03.GC2 -- Channel B



US EPA ARCHIVE DOCUMENT

1103

File : C:\EZCHROM\CHROME2\CLP\PIBLK03.GC2
 Sample ID : PIBLK03.GC2
 Acquired : Sep 06, 1994 09:05:30

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.158	65514	19.039
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
--	HEPTACHLOR	14.058	0	0.000
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
--	HEPTACHLOR EPOXIDE	17.158	0	0.000
--	gamma CHLORDANE	17.575	0	0.000
--	alpha CHLORDANE	17.992	0	0.000
5	ENDOSULFAN I	18.133	165	0.044
6	P,P' DDE	18.600	1805	0.583
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
--	P,P' DDD	20.292	0	0.000
7	ENDOSULFAN II	20.683	3513	1.494
--	P,P' DDT	21.400	0	0.000
8	ENDRIN ALDEHYDE	21.900	6285	3.581
9	ENDOSULFAN SULFATE	22.400	6226	3.027
--	METHOXYCHLOR	25.517	0	0.000
10	ENDRIN KETONE	26.517	4868	2.700
11	DCB	36.067	73213	19.851

US EPA ARCHIVE DOCUMENT

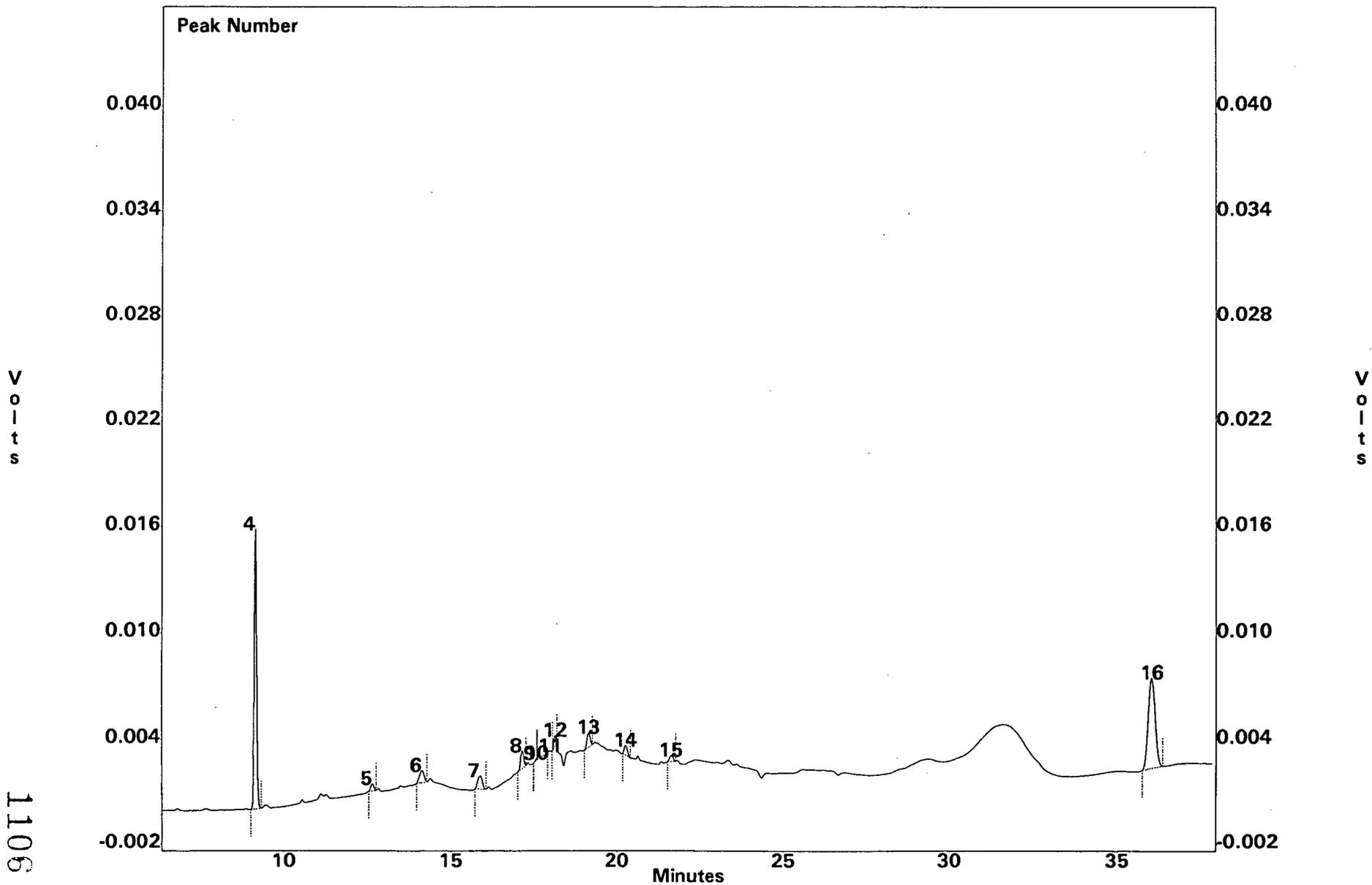
1104

Channel B Results

PEAK #	RT, MIN	AREA
1	1.158	35984
2	1.558	3429
3	4.133	4463

File : C:\EZCHROM\CHROM\EC2\CLP\PIBLK04.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : pIBk04
Acquired : Sep 06, 1994 17:45:05
User : MB

C:\EZCHROM\CHROM\EC2\CLP\PIBLK04.GC2 -- Channel B



US EPA ARCHIVE DOCUMENT

1106

File : C:\EZCHROM\CHROM\EC2\CLP\PIBLK04.GC2
Sample ID : pIBk04
Acquired : Sep 06, 1994 17:45:05

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.150	76835	22.329
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
6	HEPTACHLOR	14.150	6611	1.441
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
8	HEPTACHLOR EPOXIDE	17.150	6897	1.969
10	gamma CHLORDANE	17.583	388	0.113
11	alpha CHLORDANE	17.967	369	0.093
12	ENDOSULFAN I	18.117	2717	0.723
--	P,P' DDE	18.600	0	0.000
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
14	P,P' DDD	20.275	4047	1.655
--	ENDOSULFAN II	20.692	0	0.000
--	P,P' DDT	21.400	0	0.000
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
16	DCB	36.050	74292	20.144

Channel B Results

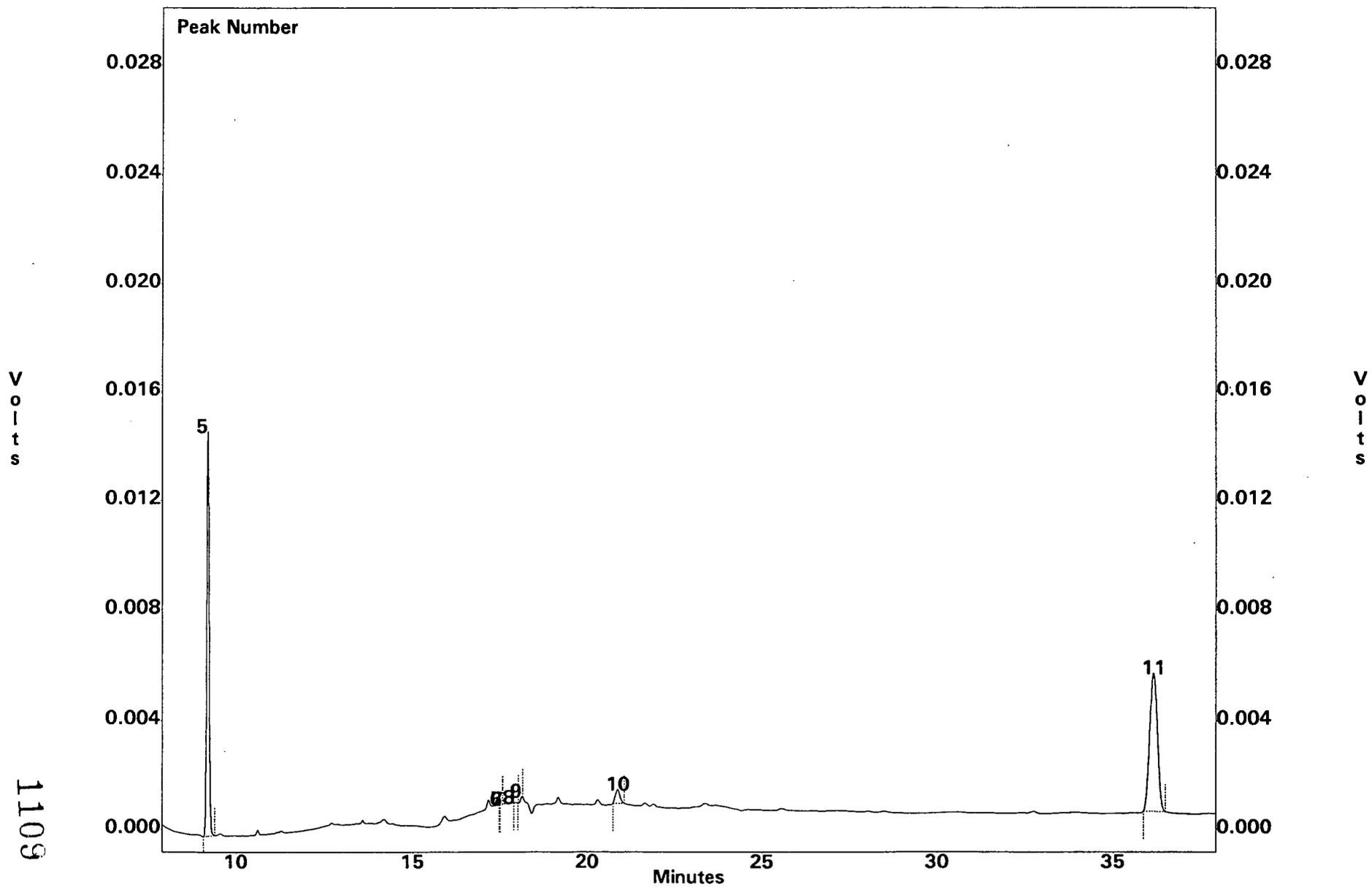
PEAK #	RT, MIN	AREA
1	1.158	60306
2	1.550	2317
3	4.133	2623
5	12.658	2743
7	15.875	7303
9	17.567	277
13	19.142	5747
15	21.650	2531

US EPA ARCHIVE DOCUMENT

1108

File : C:\EZCHROM\CHROM\EC2\CLP\PIBLK05
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : PIBLK05
Acquired : Sep 13, 1994 09:13:40
User : MB

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US EPA ARCHIVE DOCUMENT

1109

File : C:\EZCHROM\CHROM\EC2\CLP\PIBLK05
 Sample ID : PIBLK05
 Acquired : Sep 13, 1994 09:13:40

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.225	68957	20.040
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
--	HEPTACHLOR	14.058	0	0.000
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
--	HEPTACHLOR EPOXIDE	17.158	0	0.000
7	gamma CHLORDANE	17.583	43	0.013
8	alpha CHLORDANE	17.933	112	0.028
9	ENDOSULFAN I	18.150	110	0.029
--	P,P' DDE	18.600	0	0.000
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
--	P,P' DDD	20.292	0	0.000
--	ENDOSULFAN II	20.692	0	0.000
--	P,P' DDT	21.400	0	0.000
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
11	DCB	36.158	75629	20.506

US EPA ARCHIVE DOCUMENT

1110

Channel B Results

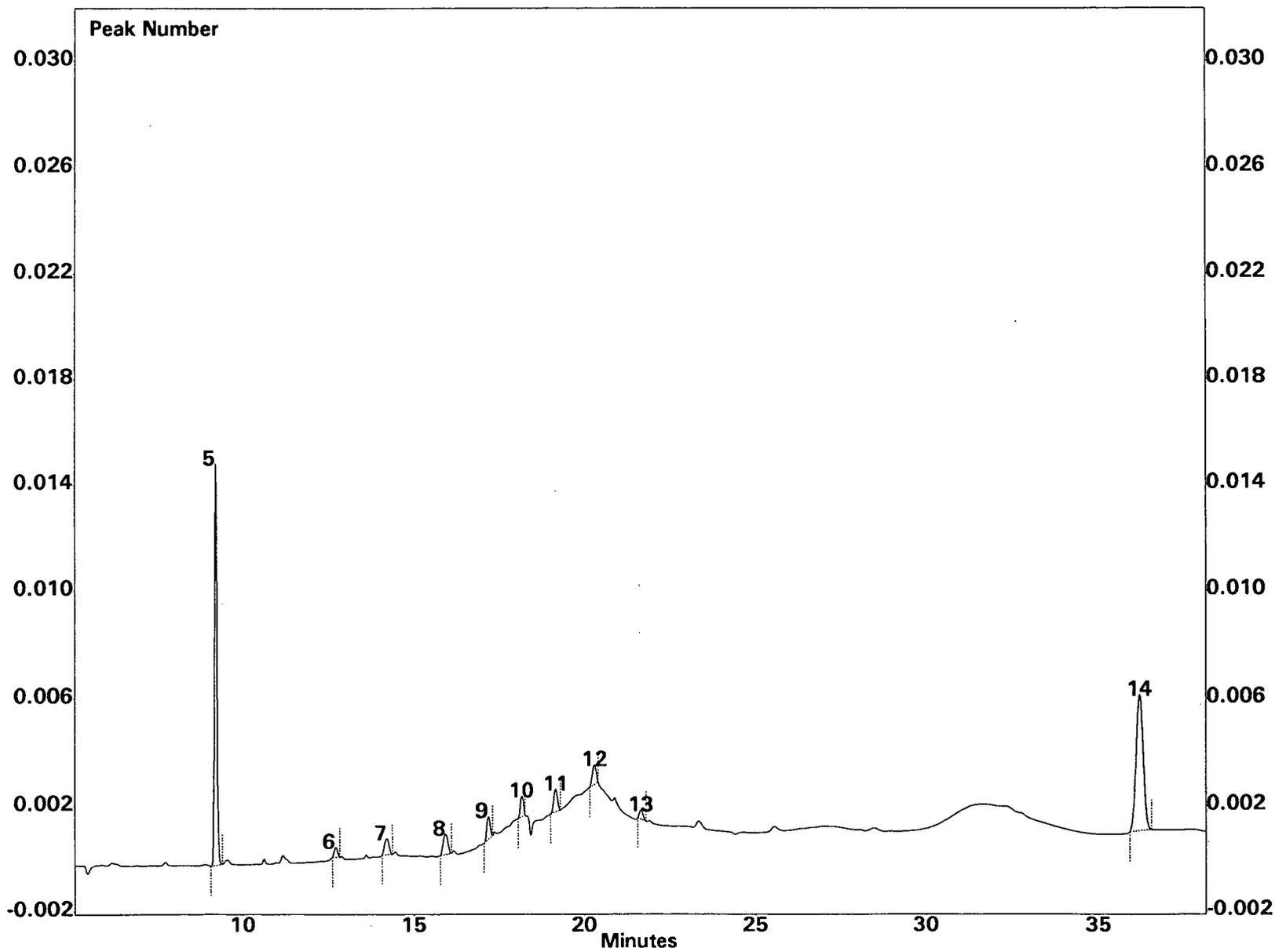
PEAK #	RT, MIN	AREA
1	1.183	31322
2	1.583	15865
3	1.758	12440
4	4.200	2924
6	17.567	36
10	20.883	4542

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Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : PIBLK06
Acquired : Sep 13, 1994 21:02:34
User : MB

C:\EZCHROM\CHROM\EC2\CLP\PIBLK06 -- Channel B

US EPA ARCHIVE DOCUMENT

1112



File : C:\EZCHROM\CHROM\EC2\CLP\PIBLK06
 Sample ID : PIBLK06
 Acquired : Sep 13, 1994 21:02:34

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.233	71129	20.671
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
--	HEPTACHLOR	14.058	0	0.000
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
9	HEPTACHLOR EPOXIDE	17.183	6139	1.753
--	gamma CHLORDANE	17.575	0	0.000
--	alpha CHLORDANE	17.992	0	0.000
10	ENDOSULFAN I	18.142	4927	1.311
--	P,P' DDE	18.600	0	0.000
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
12	P,P' DDD	20.300	5489	2.246
--	ENDOSULFAN II	20.692	0	0.000
--	P,P' DDT	21.400	0	0.000
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
14	DCB	36.183	74876	20.302

US EPA ARCHIVE DOCUMENT

1113

Channel B Results

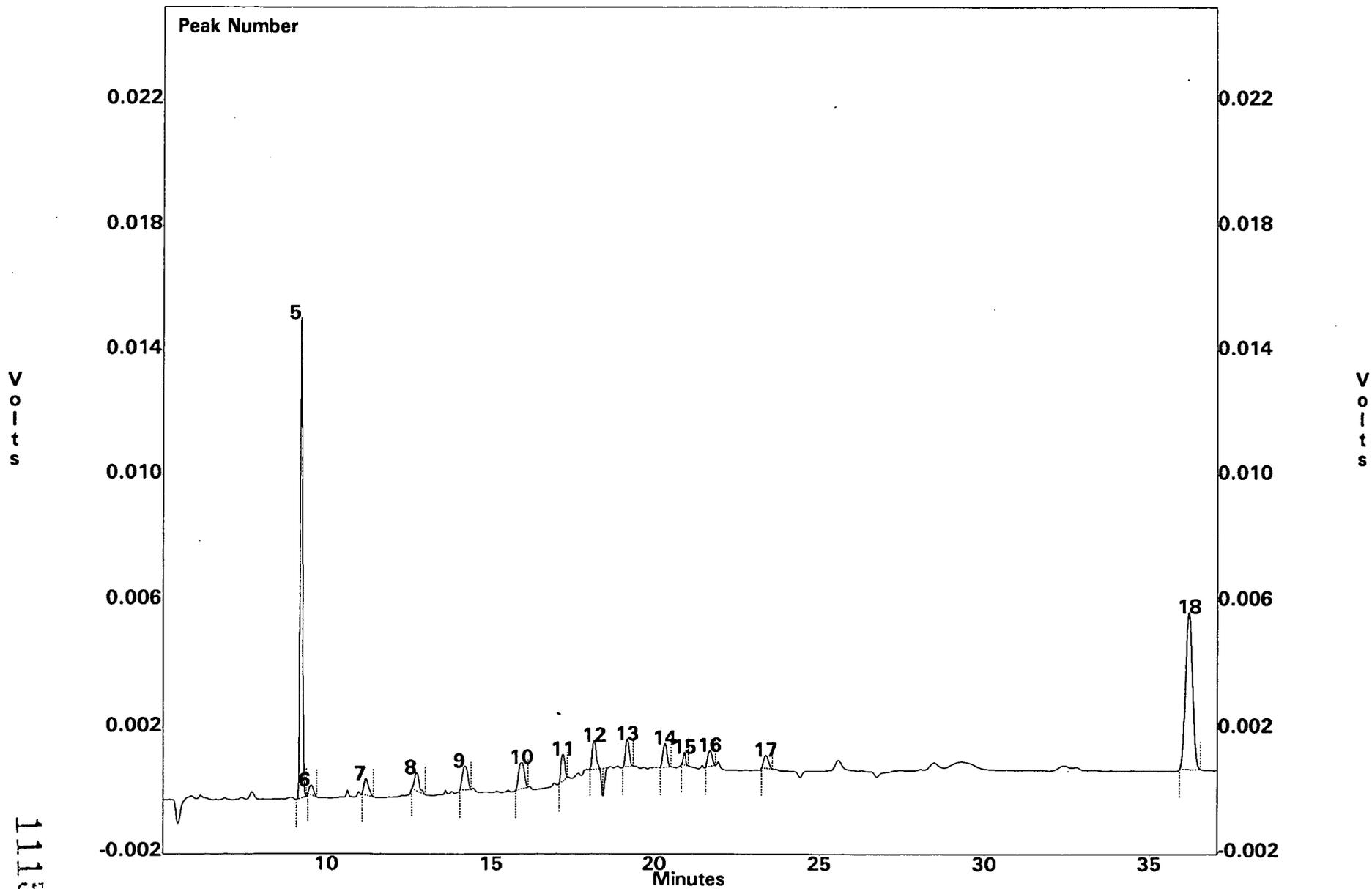
PEAK #	RT, MIN	AREA
1	1.175	32704
2	1.583	16794
3	1.758	12031
4	4.208	3351
6	12.717	2580
7	14.200	5422
8	15.925	7367
11	19.158	6215
13	21.658	2666

US EPA ARCHIVE DOCUMENT

1114

File : C:\EZCHROM\CHROM\EC2\CLP\PIBLK07
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : PIBLK07
Acquired : Sep 14, 1994 02:08:13
User : MB

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US EPA ARCHIVE DOCUMENT

1115

File : C:\EZCHROM\CHROM\EC2\CLP\PIBLK07
 Sample ID : PIBLK07
 Acquired : Sep 14, 1994 02:08:13

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.250	73297	21.301
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
--	HEPTACHLOR	14.058	0	0.000
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
11	HEPTACHLOR EPOXIDE	17.192	7164	2.045
--	gamma CHLORDANE	17.575	0	0.000
--	alpha CHLORDANE	17.992	0	0.000
12	ENDOSULFAN I	18.158	5484	1.459
--	P,P' DDE	18.600	0	0.000
--	DIELDRIN	18.950	0	0.000
--	ENDRIN	20.108	0	0.000
14	P,P' DDD	20.317	6673	2.730
--	ENDOSULFAN II	20.692	0	0.000
--	P,P' DDT	21.400	0	0.000
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
18	DCB	36.208	74736	20.264

US EPA ARCHIVE DOCUMENT

1116

Channel B Results

PEAK #	RT, MIN	AREA
1	1.183	40402
2	1.592	15011
3	1.767	9052
4	4.208	5907
6	9.542	2678
7	11.192	5100
8	12.725	5593
9	14.217	8506
10	15.933	9873
13	19.167	7106
15	20.908	2079
16	21.675	4513
17	23.375	4226

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL08BMS

Lab Name: New England Testing Laboratory, Inc

Contract: Wells G&H, RD/RA

Lab Code: RI010

SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL08BMS

Sample wt/vol: 35.1 (g/mL) g Lab File ID: SL08BMS

% Moisture: 25 decanted: (Y/N) n Date Received: 09/09/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 09/12/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/13/94

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) y pH: 5.2 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

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

319-84-6	alpha-BHC	1.9	UX
319-85-7	beta-BHC	1.9	UX
319-86-8	delta-BHC	1.9	UX
58-89-9	gamma-BHC (Lindane)	1.9	UX
76-44-8	Heptachlor	1.9	UX
309-00-2	Aldrin	1.9	UX
1024-57-3	Heptachlor epoxide	1.9	UX
959-98-8	Endosulfan I	1.9	UX
60-57-1	Dieldrin	3.8	UX
72-55-9	4,4'-DDE	3.8	UX
72-20-8	Endrin	265.0	EX
33213-65-9	Endosulfan II	3.8	UX
72-54-8	4,4'-DDD	3.8	UX
1031-07-8	Endosulfan sulfate	3.8	UX
50-29-3	4,4'-DDT	42.1	X
72-43-5	Methoxychlor	19.0	UX
53494-70-5	Endrin ketone	3.8	UX
7421-36-3	Endrin aldehyde	3.8	UX
5103-71-9	alpha-Chlordane	458.5	EX
5103-74-2	gamma-Chlordane	586.8	EX
8001-35-2	Toxaphene	189.9	UX
12674-11-2	Aroclor-1016	38.0	UX
111104-28-2	Aroclor-1221	76.0	UX
111141-16-5	Aroclor-1232	38.0	UX
53469-21-9	Aroclor-1242	38.0	UX
12672-29-6	Aroclor-1248	38.0	UX
11097-69-1	Aroclor-1254	38.0	UX
11096-82-5	Aroclor-1260	38.0	UX

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL08BMSD

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL08BMSD

Sample wt/vol: 34.9 (g/mL) g Lab File ID: SL08BMSD

% Moisture: 22 decanted: (Y/N) n Date Received: 09/09/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 09/12/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/13/94
9/13/94

Injection Volume: 2 (uL) Dilution Factor: 1
1

GPC Cleanup: (Y/N) y pH: 5.2 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

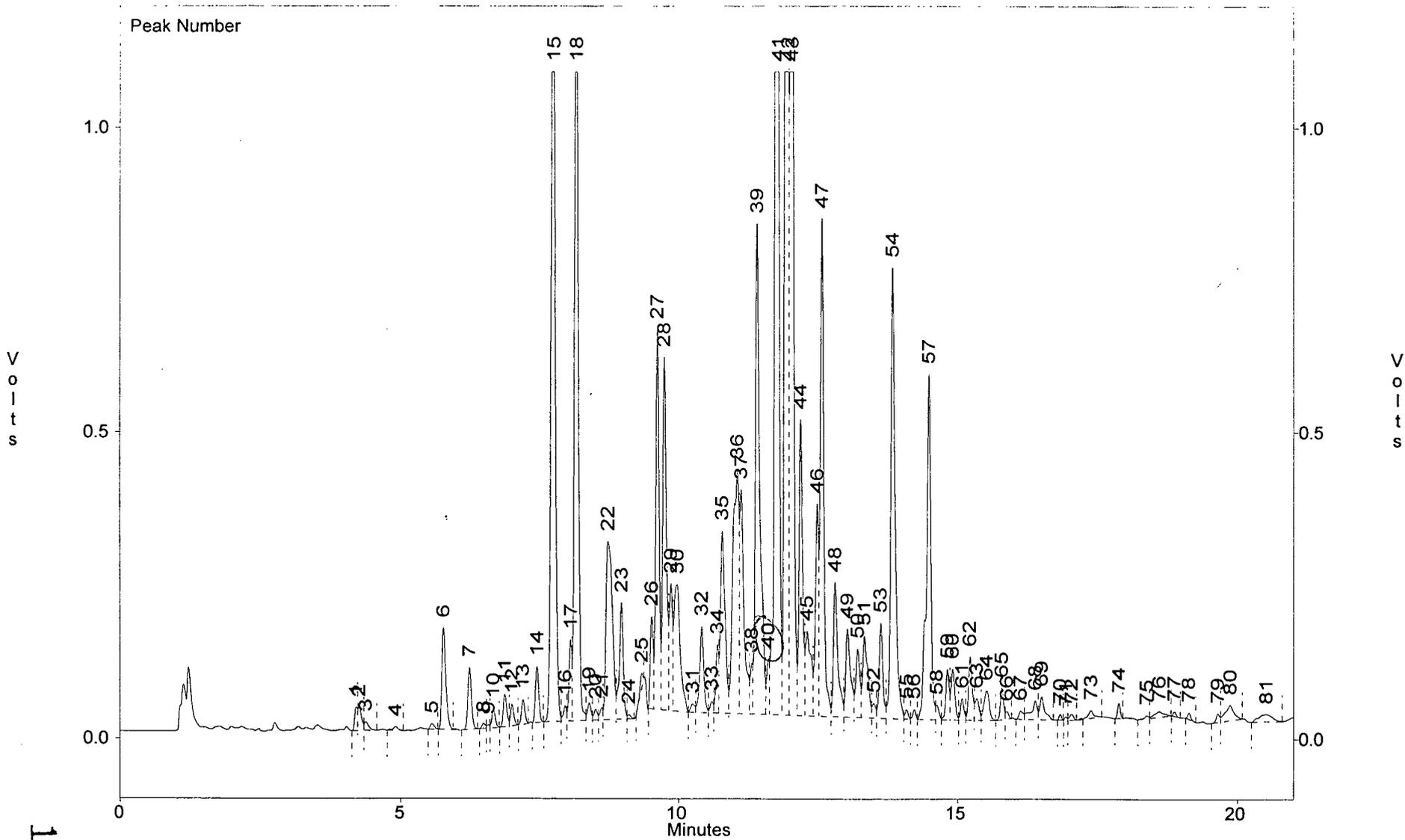
CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

319-84-6	alpha-BHC	1.8	UX
319-85-7	beta-BHC	1.8	UX
319-86-8	delta-BHC	1.8	UX
58-89-9	gamma-BHC (Lindane)	1.8	UX
76-44-8	Heptachlor	1.8	UX
309-00-2	Aldrin	1.8	UX
1024-57-3	Heptachlor epoxide	1.8	UX
959-98-8	Endosulfan I	1.8	UX
60-57-1	Dieldrin	3.7	UX
72-55-9	4,4'-DDE	3.7	UX
72-20-8	Endrin	3.7	UX
33213-65-9	Endosulfan II	3.7	UX
72-54-8	4,4'-DDD	3.7	UX
1031-07-8	Endosulfan sulfate	3.7	UX
50-29-3	4,4'-DDT	54.3	EX
72-43-5	Methoxychlor	18.4	UX
53494-70-5	Endrin ketone	3.7	UX
7421-36-3	Endrin aldehyde	3.7	UX
5103-71-9	alpha-Chlordane	517.8	EX
5103-74-2	gamma-Chlordane	667.5	EX
8001-35-2	Toxaphene	183.7	UX
12674-11-2	Aroclor-1016	36.7	UX
11104-28-2	Aroclor-1221	73.5	UX
11141-16-5	Aroclor-1232	36.7	UX
53469-21-9	Aroclor-1242	36.7	UX
12672-29-6	Aroclor-1248	36.7	UX
11097-69-1	Aroclor-1254	36.7	UX
11096-82-5	Aroclor-1260	36.7	UX

1119

File : C:\EZCHROM\CHROM\EC1CLP\SL08BMS
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08BMS
Acquired : Sep 13, 1994 13:54:41
User : mb

C:\EZCHROM\CHROME\EC1CLP\SL08BMS -- Channel B



US EPA ARCHIVE DOCUMENT

1120

File : C:\EZCHROM\CHROM\EC1CLP\SL08BMS
 Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
 Sample ID : SL08BMS
 Acquired : Sep 13, 1994 13:54:41
 User : mb

Channel B Results

PEAK #	COMPOUND	RT	AREA	EXTD CONC.
3	TCMX	4.38	73718	15.99
10	alpha BHC	6.67	134405	28.03
15	gamma BHC	7.77	5873509	1198.71
18	HEPTACHLOR	8.18	5430194	1047.34
23	ALDRIN	8.99	940180	181.66
--	BETA BHC	10.12	0	0.00
33	DELTA BHC	10.58	69302	19.03
35	HEPTACHLOR EPOXIDE	10.77	1716725	405.31
40	ENDOSULFAN I	11.60	291064	63.68
41	gamma CHLORDANE	11.78	7486053	1544.71
42	alpha CHLORDANE	11.96	6138918	1412.09
45	P,P' DDE	12.30	961153	248.81
46	DIELDRIN	12.48	1365836	360.39
49	ENDRIN ✓	13.02	873723	678.85
--	ENDOSULFAN II	14.45	0	0.00
57	P,P' DDD	14.48	3048335	1130.44
59	P,P' DDT	14.82	337320	110.71
64	ENDRIN ALDEHYDE	15.52	324592	222.29
69	endosulfan sulfate	16.50	227559	98.72
--	methoxychlor	16.62	0	0.00

Continued...

Channel B Results

PEAK #	COMPOUND	RT	AREA
1		4.21	127158
2		4.26	171594
4		4.91	34878
5		5.56	41093
6		5.76	801460
7		6.24	469098

Continued...

File : C:\EZCHROM\CHROM\EC1CLP\SL08BMS
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08BMS
Acquired : Sep 13, 1994 13:54:41
User : mb

Channel B Results

PEAK #	COMPOUND	RT	AREA	EXTD CONC.
73	ENDRIN KETONE	17.38	82810	39.05
79	DCB	19.64	60770	14.74

1122

File : C:\EZCHROM\CHROM\EC1CLP\SL08BMS
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08BMS
Acquired : Sep 13, 1994 13:54:41
User : mb

Channel B Results

PEAK #	COMPOUND	RT	AREA
8		6.50	32928
9		6.59	18527
11		6.88	230541
12		7.01	143166
13		7.21	173641
14		7.47	354056
16		7.97	98688
17		8.07	435447
19		8.40	120487
20		8.52	78291
21		8.64	77137
22		8.74	2174885
24		9.12	26799
25		9.35	77506
26		9.52	532663
27		9.62	2541015
28		9.74	2664315
29		9.86	836798
30		9.97	1551687
31		10.24	68727
32		10.40	691645
34		10.68	380937
36		11.04	3002437
37		11.11	1946002
38		11.30	258713
39		11.39	4586041
43		12.03	6080554
44		12.18	2131979
47		12.56	3515000
48		12.80	1204056
50		13.20	551701
51		13.32	858037

Continued...

1123

File : C:\EZCHROM\CHROM\EC1CLP\SL08BMS
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08BMS
Acquired : Sep 13, 1994 13:54:41
User : mb

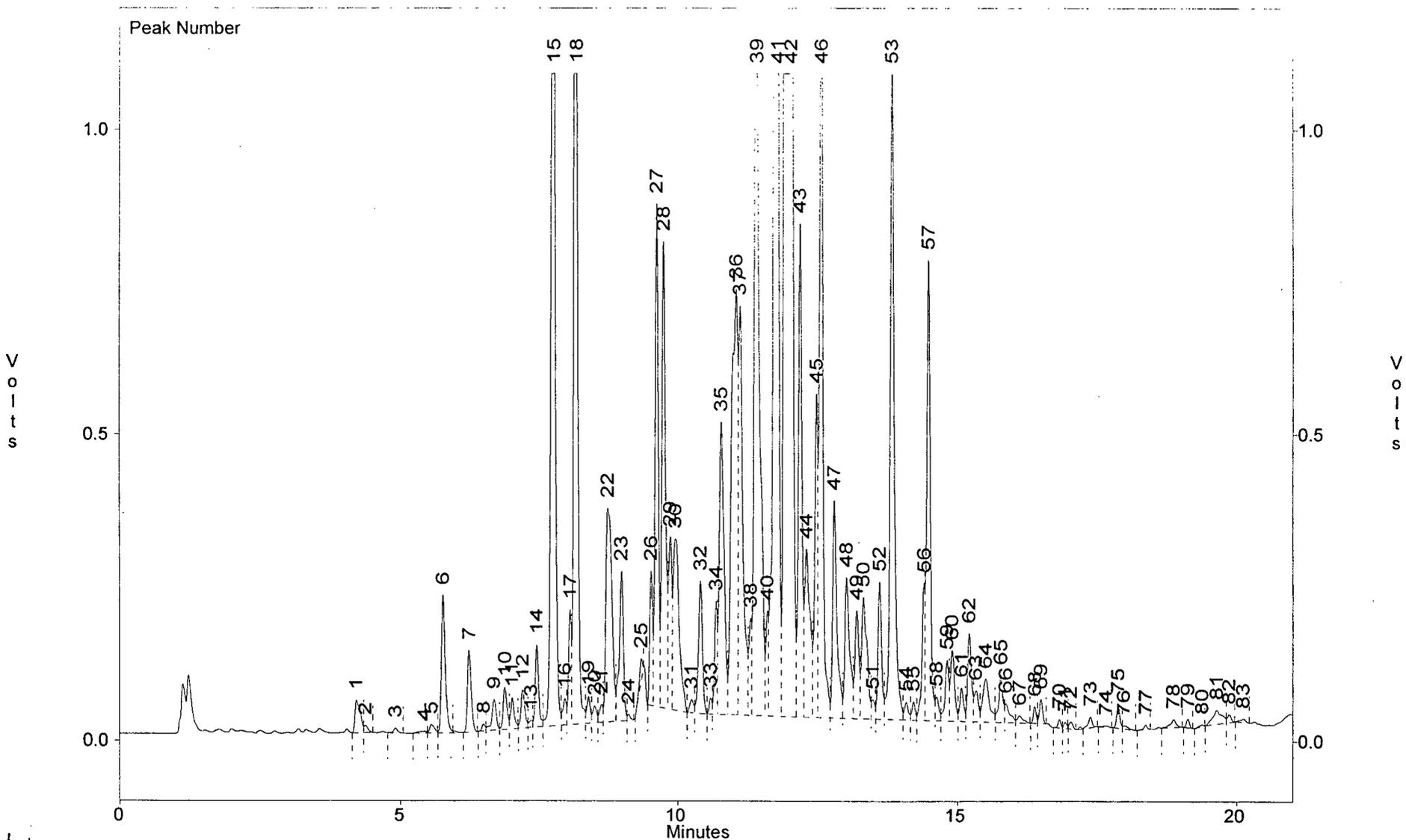
Channel B Results

PEAK #	COMPOUND	RT	AREA
52		13.49	102587
53		13.62	697914
54		13.83	3796093
55		14.08	61108
56		14.22	57122
58		14.62	95895
60		14.91	383303
61		15.08	145240
62		15.22	458524
63		15.34	184461
65		15.79	202076
66		15.87	46357
67		16.12	74358
68		16.38	231201
70		16.83	28647
71		16.93	17911
72		17.03	44407
74		17.88	84636
75		18.38	25970
76		18.60	105078
77		18.87	26635
78		19.13	39551
80		19.87	277833
81		20.51	209885

1124

File : C:\EZCHROM\CHROM\EC1CLP\SL08BMSD
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08BMSD
Acquired : Sep 13, 1994 14:19:44
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL08BMSD -- Channel B



US EPA ARCHIVE DOCUMENT

1125

File : C:\EZCHROM\CHROM\EC1CLP\SL08BMSD
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08BMSD
Acquired : Sep 13, 1994 14:19:44
User : mb

Channel B Results

PEAK #	COMPOUND	RT	AREA	EXTD CONC.
2	TCMX	4.38	56455	12.24
9	alpha BHC	6.69	279457	58.28
15	gamma BHC	7.78	6713278	1370.10
18	HEPTACHLOR	8.19	6185905	1193.10
23	ALDRIN	8.99	1201430	232.14
--	BETA BHC	10.12	0	0.00
33	DELTA BHC	10.59	84323	23.16
35	HEPTACHLOR EPOXIDE	10.77	2792147	659.22
40	ENDOSULFAN I	11.60	555331	121.50
41	gamma CHLORDANE	11.79	8805507	1816.97
42	alpha CHLORDANE	12.02	13293386	3057.78
44	P, P' DDE	12.30	1841478	476.70
45	DIELDRIN	12.48	1972959	520.59
48	ENDRIN	13.02	1373769	1067.37
56	ENDOSULFAN II	14.41	766338	266.82
57	P, P' DDD	14.48	3326981	1233.78
59	P, P' DDT	14.82	449999	147.69
64	ENDRIN ALDEHYDE	15.51	586341	401.54
69	endosulfan sulfate	16.49	143413	62.22
--	methoxychlor	16.62	0	0.00

Continued...

Channel B Results

PEAK #	COMPOUND	RT	AREA
1		4.21	363002
3		4.91	39798
4		5.44	30661
5		5.56	82851
6		5.77	1094690
7		6.24	612528

Continued...

1126

File : C:\EZCHROM\CHROM\EC1CLP\SL08BMSD
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08BMSD
Acquired : Sep 13, 1994 14:19:44
User : mb

Channel B Results

PEAK #	COMPOUND	RT	AREA	EXTD CONC.
73	ENDRIN KETONE	17.38	89437	42.17
81	DCB	19.64	263538	63.94

1127

File : C:\EZCHROM\CHROM\EC1CLP\SL08BMSD
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08BMSD
Acquired : Sep 13, 1994 14:19:44
User : mb

Channel B Results

PEAK #	COMPOUND	RT	AREA
8		6.50	46840
10		6.89	321249
11		7.02	238061
12		7.21	309096
13		7.37	49438
14		7.47	587602
16		7.97	190573
17		8.07	625218
19		8.40	194502
20		8.52	132444
21		8.64	117525
22		8.74	2659870
24		9.12	35418
25		9.35	123949
26		9.52	781058
27		9.62	3338809
28		9.74	3509618
29		9.86	1135952
30		9.96	2157205
31		10.24	104355
32		10.40	1028351
34		10.68	614770
36		11.04	5139640
37		11.11	3658523
38		11.30	542972
39		11.41	7353788
43		12.18	3545324
46		12.57	5332574
47		12.80	1925186
49		13.20	876965
50		13.32	1311362
51		13.49	132220

Continued...

1128

File : C:\EZCHROM\CHROM\EC1CLP\SL08BMSD
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08BMSD
Acquired : Sep 13, 1994 14:19:44
User : mb

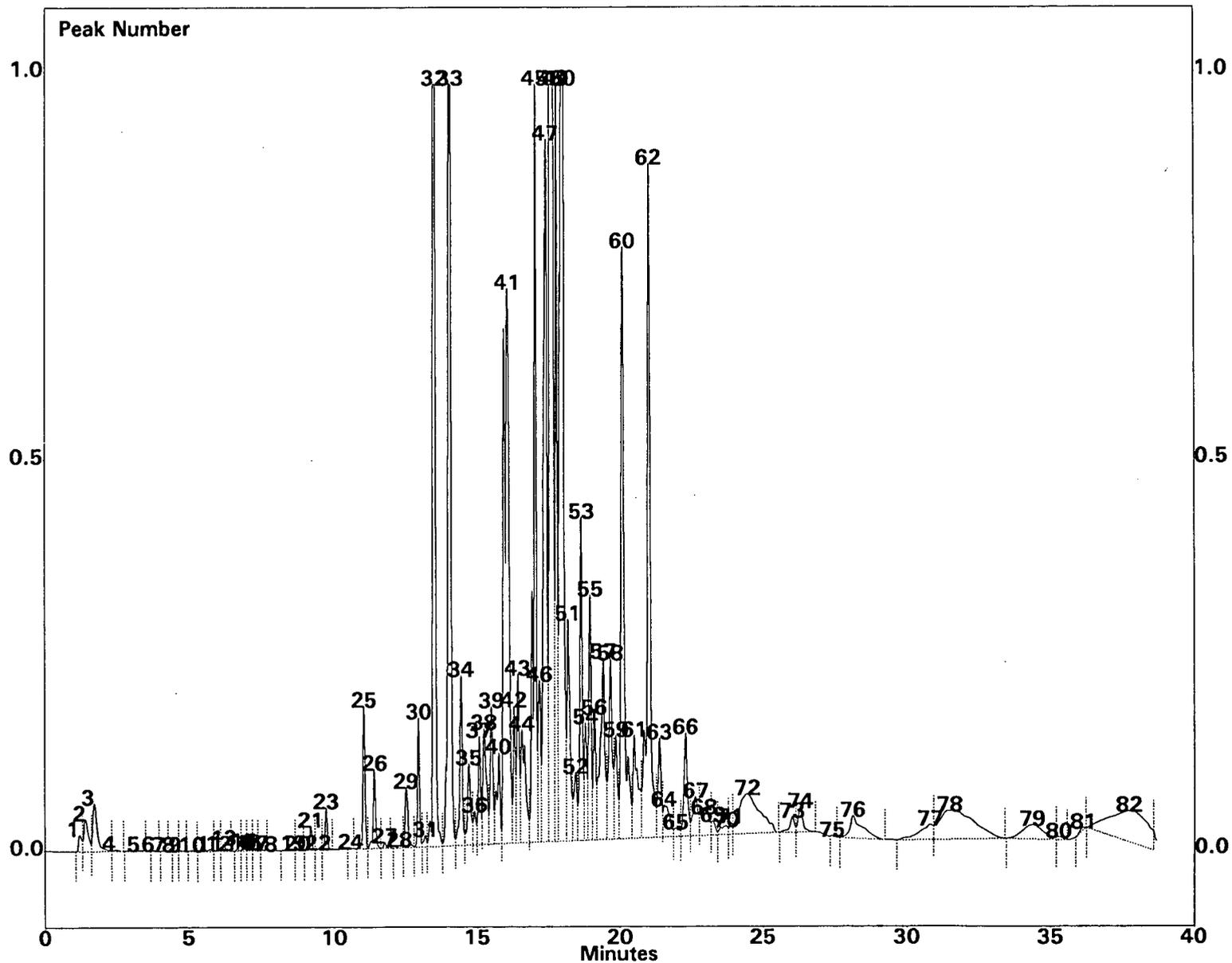
Channel B Results

PEAK #	COMPOUND	RT	AREA
52		13.62	994809
53		13.83	5503944
54		14.08	135328
55		14.22	126204
58		14.63	168489
60		14.91	570955
61		15.08	263697
62		15.22	656923
63		15.34	269863
65		15.78	387412
66		15.87	179618
67		16.12	79754
68		16.38	95315
70		16.82	48867
71		16.92	37647
72		17.03	55095
74		17.66	17340
75		17.88	155150
76		17.98	36902
77		18.38	32602
78		18.87	89211
79		19.13	48992
80		19.38	15017
82		19.87	59599
83		20.12	35898

1129

File : C:\EZCHROM\CHROM\EC2\CLP\SL08BMS
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : SL08BMS
Acquired : Sep 13, 1994 18:43:23
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL08BMS -- Channel B



US EPA ARCHIVE DOCUMENT

1130

File : C:\EZCHROM\CHROM\EC2\CLP\SL08BMS
 Sample ID : SL08BMS
 Acquired : Sep 13, 1994 18:43:23

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
21	TCMX	9.208	147405	42.838
--	alpha-BHC	11.617	0	0.000
--	gamma-BHC	12.950	0	0.000
30	BETA-BHC	12.992	797216	405.249
--	HEPTACHLOR	14.058	0	0.000
--	DELTA-BHC	14.425	0	0.000
38	ALDRIN	15.258	1275567	344.904
45	HEPTACHLOR EPOXIDE	17.067	5898500	1683.710
47	gamma CHLORDANE	17.433	7027018	2049.941
49	alpha CHLORDANE	17.808	4771755	1206.901
50	ENDOSULFAN-I	18.042	10892422	2896.882
52	P,P'-DDE	18.467	706328	228.180
54	DIENDRIN	18.817	855586	247.339
60	ENDRIN	20.092	5921599	2987.359
--	P,P'-DDD	20.292	0	0.000
61	ENDOSULFAN-II	20.500	1614160	686.433
63	P,P'-DDT	21.400	965134	580.667
--	ENDREN-ALDEHYDE	21.917	0	0.000
66	ENDOSULFAN-SULFATE	22.308	1157043	562.469
--	METHOXYCHLOR	25.517	0	0.000
74	ENDREN-KETONE	26.308	380749	211.143
81	DCB	36.167	49500	13.422

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1131

Channel B Results

PEAK #	RT, MIN	AREA
1	1.217	167641
2	1.433	468532
3	1.742	646845
4	2.483	21787
5	3.317	21924
6	3.817	8675
7	4.175	4817
8	4.533	5621
9	4.758	4197
10	5.100	10284
11	5.725	44804
12	6.008	23598
13	6.208	61844
14	6.683	17772
15	6.900	30604
16	7.067	19365
17	7.283	10940
18	7.583	3458
19	8.592	20190
20	8.742	6481
22	9.458	7638
23	9.733	283554
24	10.583	6257
25	11.058	942087
26	11.433	578981
27	11.783	45748
28	12.292	25743
29	12.542	535094
31	13.225	108465
32	13.575	7291809
33	14.117	7557515
34	14.475	1348625
35	14.742	759753
36	14.925	297737
37	15.092	810955
39	15.517	1167395
40	15.775	1005908
41	16.100	8784547
42	16.325	968424
43	16.467	1347998
44	16.608	1642297
46	17.217	1323840
48	17.642	10992792

Continued...

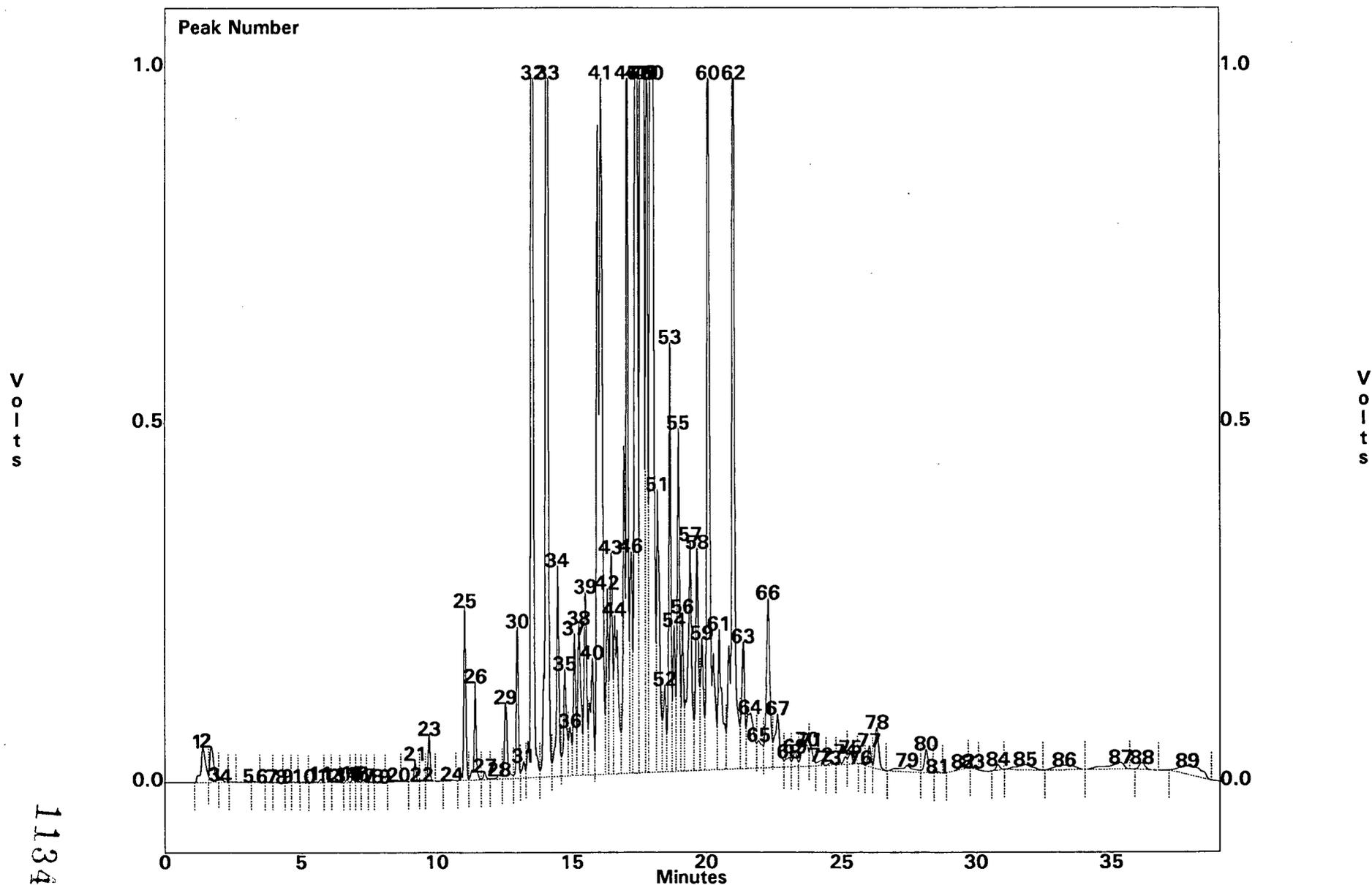
US EPA ARCHIVE DOCUMENT

PEAK #	RT, MIN	AREA
51	18.200	2083688
53	18.675	2427294
55	18.975	1851627
56	19.125	992078
57	19.425	2529882
58	19.675	1939886
59	19.867	1035001
62	21.025	7059250
64	21.558	656270
65	21.967	140774
67	22.667	620318
68	22.950	625260
69	23.267	180255
70	23.742	200132
71	23.900	128440
72	24.458	2587941
73	26.025	226320
75	27.417	12286
76	28.142	878617
77	30.817	645181
78	31.492	3123070
79	34.392	939526
80	35.308	51008
82	37.733	3665579

1133

File : C:\EZCHROM\CHROM\EC2\CLP\SL08BMSD
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : SL08BMSD
Acquired : Sep 13, 1994 19:24:20
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL08BMSD -- Channel B



US EPA ARCHIVE DOCUMENT

1134

File : C:\EZCHROM\CHROM\EC2\CLP\SL08BMSD
 Sample ID : SL08BMSD
 Acquired : Sep 13, 1994 19:24:20

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
21	TCMX	9.200	154135	44.794
--	alpha-BHC	11.617	0	0.000
--	gamma-BHC	12.950	0	0.000
30	BETA-BHC	12.983	1037493	527.389
--	HEPTACHLOR	14.058	0	0.000
--	DELTA-BHC	14.425	0	0.000
38	ALDRIN	15.258	1838857	497.214
45	HEPTACHLOR EPOXIDE	17.075	7739776	2209.297
47	gamma CHLORDANE	17.450	9501084	2771.682
49	alpha CHLORDANE	17.817	5573067	1409.574
50	ENDOSULFAN I	18.000	12635005	3360.329
52	P,P' DDE	18.467	945979	305.600
54	DTELDRIN	18.817	1120825	324.016
59	ENDRIN	19.858	1502383	757.930
60	P,P' DDD	20.100	8636517	3532.887
61	ENDOSULFAN II	20.492	2054676	873.766
63	<u>P,P'</u> DDT	21.392	1366545	822.174
--	ENDRIN-ALDEHYDE	21.917	0	0.000
66	ENDOSULFAN-SULFATE	22.300	2277108	1106.961
75	METHOXYCHLOR	25.325	148635	109.833
78	ENDRIN-KETONE	26.300	573604	318.090
88	DCB	36.092	136912	37.122

US EPA ARCHIVE DOCUMENT

1135

Channel B Results

PEAK #	RT, MIN	AREA
1	1.417	618741
2	1.717	519952
3	2.058	39802
4	2.475	4276
5	3.300	9262
6	3.792	10821
7	4.150	9585
8	4.508	4666
9	4.742	4792
10	5.083	13122
11	5.708	59187
12	5.992	12315
13	6.217	13200
14	6.667	22880
15	6.892	36471
16	7.058	27316
17	7.275	14948
18	7.575	4825
19	7.858	6830
20	8.583	19652
22	9.450	12431
23	9.725	352613
24	10.575	9134
25	11.050	1268999
26	11.425	793395
27	11.775	71458
28	12.292	68468
29	12.542	784934
31	13.217	178805
32	13.583	8302040
33	14.125	8682437
34	14.467	1942362
35	14.733	1175131
36	14.917	465080
37	15.083	1204353
39	15.508	1772724
40	15.767	1465755
41	16.092	12210177
42	16.325	1416449
43	16.467	2055834
44	16.600	2608386
46	17.217	2005463
48	17.658	11842874

Continued...

PEAK #	RT, MIN	AREA
51	18.200	2881845
53	18.667	3325584
55	18.975	2818701
56	19.125	1268772
57	19.425	3272699
58	19.675	2317317
62	21.042	9262621
64	21.642	1443990
65	21.967	504628
67	22.650	911043
68	23.067	182830
69	23.283	213947
70	23.733	478554
71	23.875	244158
72	24.242	103013
73	24.567	35410
74	25.142	113779
76	25.700	15100
77	26.025	227169
79	27.425	314435
80	28.125	328824
81	28.567	19541
82	29.517	53431
83	29.900	26192
84	30.808	79769
85	31.817	290879
86	33.250	319284
87	35.317	379518
89	37.775	720300

1137

**SAMPLE DATA SUMMARY/DATA PACKAGE
INORGANICS ANALYSIS: WELLS G&H RD/RA
SDG: NETL19-1
WORK ORDER: NETL NETL19-1
PROJECT #: 3-0681-620**

Prepared for:

Remediation Technologies, Inc.
9 Pond Lane
Concord, MA 01742

Report Date: November 17, 1994

NEW ENGLAND TESTING LABORATORY, INC.

1254 Douglas Avenue, North Providence, Rhode Island 02904-5392 • 401-353-3420

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C: QUARTERLY VERIFICATIONS	136
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SDG NARRATIVE

SAMPLE ID	MATRIX	DATE RECIEVED	pH	ANALYSIS
FB	WATER	10/5/94		TAL
1A	SOIL	10/5/94	5.7	Total lead
1B	SOIL	10/5/94	5.5	Total lead
1C	SOIL	10/5/94	5.7	TAL
1D	SOIL	10/5/94	5.4	TAL
2a	SOIL	10/5/94	5.6	TAL
2B	SOIL	10/5/94	6.5	Total lead
2C	SOIL	10/5/94	5.2	Total lead
2D	SOIL	10/5/94	6.3	TAL
2DMS	SOIL	10/5/94	6.3	TAL
2D dup	SOIL	10/5/94	6.3	TAL
2E	SOIL	10/5/94	5.7	Total lead
2F	SOIL	10/12/94	5.5	Total lead
3A	SOIL	10/12/94	5.1	Total lead
3B	SOIL	10/12/94	5.3	Total lead
4A	SOIL	10/5/94	6.6	Total lead
4B	SOIL	10/5/94	5.4	Total lead
4C	SOIL	10/5/94	6.9	TAL
5A	SOIL	10/12/94	5.5	Total lead
5B	SOIL	10/12/94	5.2	Total lead

These twenty samples constitute Sample Delivery Group NETL19-1.

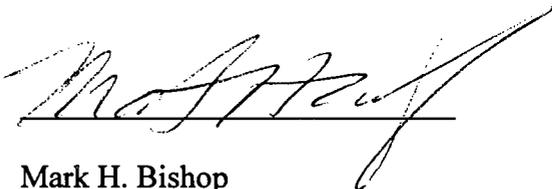
Custody records for this group follow this narrative.

The acronym "TAL" indicates the EPA TARGET ANALYTE LIST AS DOCUMENTED IN:

Contract Laboratory Program Statement of Work for Inorganics Analysis, USEPA, DOC# ILM03.0 (92/93).

The analytical methods described in the statement of work were used in performing the analysis and the data forms were completed as described in the deliverables section.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness.

A handwritten signature in black ink, appearing to read 'Mark H. Bishop', is written over a horizontal line. The signature is stylized and cursive.

Mark H. Bishop
Laboratory Director
New England Testing Laboratory, Inc

CUSTODY RECORDS

No. 177

CHAIN OF CUSTODY RECORD

NETL-19 E10005-02

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS	TEL VOCs TEL TAL List Chlorides 4,4-DDT CPAHS PCBs LEAD						REMARKS
SAMPLERS:											
RECEIVING LABORATORY:											
SAMPLE NO.	DATE	TIME	SAMPLE LOCATION								
TB-1	10/4/94	-	Trip Blank 1	2	X						amt. pt. pl. gt. pl.
FB-1	10/4/94	-	Field Blank 1	6	X						Pest/PCB, semi, met, T.CN, 2 VOC
STA-10454	10/4/94	✓	Area 4, Sample 4A	1		X	X	X	X	X	
S4B-10454	10/4/94	✓	Area 4, Sample 4B	1		X	X	X	X	X	
S4C-10454	10/4/94	✓	Area 4, Sample 4C	1	X						
S2A-10454	10/4/94	✓	Area 2, Sample 2A	1	X						+
S2B-10454	10/4/94	✓	Area 2, Sample 2B	1		X	X	X	X	X	+
S2C-10454	10/4/94	✓	Area 2, Sample 2C	1		X	X	X	X	X	
S2D-10454	10/4/94	✓	Area 2, Sample 2D	1	X						
S2E-10454	10/4/94	✓	Area 2, Sample 2E	1		X	X	X	X	X	
S1A-10454	10/4/94	✓	Area 1, Sample 1A	1		X	X	X	X	X	
S1B-10454	10/4/94	✓	Area 1, Sample 1B	1		X	X	X	X	X	
S1D-10454	10/4/94	✓	Area 1, Sample 1D	1	X						
S1C-10454	10/4/94	✓	Area 1, Sample 1C	1	X						

Relinquished by: (Signature) KS. Luma	Date/Time 10/4/94 16:00	Received by: (Signature) U/A FEDEX 1591445221	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for laboratory by: (Signature)	Date/Time		

REMARKS: Rapid Turnaround on Soil Samples



REMEDATION TECHNOLOGIES
 9 Pond Lane
 Damonmill Square
 Concord, MA 01742
 (508) 371-1422
 Fax# (508) 369-9274

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: NEW ENGLAND TESTING LABORATORY Contract: G&H RD/RA
 Lab Code: RI 010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL-19-1
 SOW No.: ILM02

EPA Sample No.	Lab Sample ID.
<u>MS-1A</u>	<u>MS-1A</u>
<u>MS-1B</u>	<u>MS-1B</u>
<u>MS-1C</u>	<u>MS-1C</u>
<u>MS-1D</u>	<u>MS-1D</u>
<u>MS-2A</u>	<u>MS-2A</u>
<u>MS-2B</u>	<u>MS-2B</u>
<u>MS-2C</u>	<u>MS-2C</u>
<u>MS-2D</u>	<u>MS-2D</u>
<u>MS-2DMS</u>	<u>MS-2DMS</u>
<u>MS-2DMSD</u>	<u>MS-2DMSD</u>
<u>MS-2E</u>	<u>MS-2E</u>
<u>MS-4A</u>	<u>MS-4A</u>
<u>MS-4B</u>	<u>MS-4B</u>
<u>MS-4C</u>	<u>MS-4C</u>
<u>2F</u>	<u>2F</u>
<u>3A</u>	<u>3A</u>
<u>3B</u>	<u>3B</u>
<u>5A</u>	<u>5A</u>
<u>5B</u>	<u>5B</u>
<u>FIELD BLANK</u>	<u>FIELD BLANK</u>

Were ICP interelement corrections applied? Yes/No NO
 Were ICP backgrounds corrections applied? Yes/No NO
 If yes-were raw data generated before application of background corrections? Yes/No _____

Comments:

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

Signature: Mark H. Bishop
 Date: 11/17/94

Name: Mark Bishop
 Title: Lab Director

0007

SAMPLE DATA

A: FORM 1

0009

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MS-1A

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: MS-1A

Level (low/med): MED

Date Received: 10/05/94

% Solids: 77.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.4	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MS-1B

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: MS-1B

Level (low/med): MED

Date Received: 10/05/94

% Solids: 52.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	12.2			P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MS-1C

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: MS-1C

Level (low/med): LOW

Date Received: 10/05/94

% Solids: 73.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1005			P
7440-36-0	Antimony	8.8	UJ	N	P
7440-38-2	Arsenic	0.4	U	W	F
7440-39-3	Barium	11.0	B		P
7440-41-7	Beryllium	0.2	U		P
7440-43-9	Cadmium	0.7	U		P
7440-70-2	Calcium	513	B		P
7440-47-3	Chromium	25.8		E	P
7440-48-4	Cobalt	1.1	U		P
7440-50-8	Copper	1.6	B		P
7439-89-6	Iron	249	I	E	P
7439-92-1	Lead	2.4	I	N*	F
7439-95-4	Magnesium	41.6	BJ	E	P
7439-96-5	Manganese	9.0		E	P
7439-97-6	Mercury	0.1	U		CV
7440-02-0	Nickel	2.2	B		P
7440-09-7	Potassium	62.7	U		P
7782-49-2	Selenium	0.4	U		F
7440-22-4	Silver	0.7	U		P
7440-23-5	Sodium	34.4	B		P
7440-28-0	Thallium	0.2	U		F
7440-62-2	Vanadium	0.5	B		P
7440-66-6	Zinc	174			P
	Cyanide	0.3	U		C

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

0012

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MS-1D

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: MS-1D

Level (low/med): LOW

Date Received: 10/05/94

% Solids: 69.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1586			P
7440-36-0	Antimony	9.2	U _I	N	P
7440-38-2	Arsenic	0.6	B		F
7440-39-3	Barium	71.5			P
7440-41-7	Beryllium	0.2	U		P
7440-43-9	Cadmium	0.8	U		P
7440-70-2	Calcium	825	B		P
7440-47-3	Chromium	77.7	U	E	P
7440-48-4	Cobalt	1.1	U		P
7440-50-8	Copper	3.2	B		P
7439-89-6	Iron	470	U	E	P
7439-92-1	Lead	4.5	U	N*	F
7439-95-4	Magnesium	79.6	B _I	E	P
7439-96-5	Manganese	15.1	U	E	P
7439-97-6	Mercury	0.1	U		CV
7440-02-0	Nickel	1.9	U		P
7440-09-7	Potassium	65.5	U		P
7782-49-2	Selenium	0.4	U		F
7440-22-4	Silver	0.8	U		P
7440-23-5	Sodium	48.6	B		P
7440-28-0	Thallium	0.19	U		F
7440-62-2	Vanadium	1.3	B		P
7440-66-6	Zinc	301			P
	Cyanide	0.3	U		C

Color Before: BROWN

Clarity Before: _____

Texture: MEDIUM

Color After: YELLOW

Clarity After: _____

Artifacts: _____

Comments:

0013

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MS-2A

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: MS-2A

Level (low/med): LOW

Date Received: 10/05/94

% Solids: 72.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3801			P
7440-36-0	Antimony	8.9	UI	N	P
7440-38-2	Arsenic	1.9			F
7440-39-3	Barium	453			P
7440-41-7	Beryllium	0.2	U		P
7440-43-9	Cadmium	0.7	U		P
7440-70-2	Calcium	1124			P
7440-47-3	Chromium	550	J	E	P
7440-48-4	Cobalt	1.5	B		P
7440-50-8	Copper	8.5			P
7439-89-6	Iron	3080	J	E	P
7439-92-1	Lead	5.9	J	N*	F
7439-95-4	Magnesium	899	BJ	E	P
7439-96-5	Manganese	40.8	J	E	P
7439-97-6	Mercury	0.13	U		CV
7440-02-0	Nickel	5.8	B		P
7440-09-7	Potassium	326	B		P
7782-49-2	Selenium	0.4	U		F
7440-22-4	Silver	0.7	U		P
7440-23-5	Sodium	50.6	B		P
7440-28-0	Thallium	0.2	U		F
7440-62-2	Vanadium	5.4	B		P
7440-66-6	Zinc	414			P
	Cyanide	0.28	U		C

Color Before: BROWN

Clarity Before: _____

Texture: MEDIUM

Color After: YELLOW

Clarity After: _____

Artifacts: _____

Comments:

0014

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MS-2B

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: MS-2B

Level (low/med): MED

Date Received: 10/05/94

% Solids: 75.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.7	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MS-2C

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: MS-2C

Level (low/med): MED

Date Received: 10/05/94

% Solids: 82.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.1	U		P

Color Before: BROWN

Clarity Before: _____

Texture: MEDIUM

Color After: YELLOW

Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MS-2D

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: MS-2D

Level (low/med): LOW

Date Received: 10/05/94

% Solids: 76.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4125			P
7440-36-0	Antimony	8.4	U	N	P
7440-38-2	Arsenic	2.1			F
7440-39-3	Barium	5.0	B		P
7440-41-7	Beryllium	0.2	U		P
7440-43-9	Cadmium	0.7	U		P
7440-70-2	Calcium	275	B		P
7440-47-3	Chromium	5.7		E	P
7440-48-4	Cobalt	1.2	B		P
7440-50-8	Copper	1.7	B		P
7439-89-6	Iron	3089	U	E	P
7439-92-1	Lead	4.4	U	N*	F
7439-95-4	Magnesium	841	B	E	P
7439-96-5	Manganese	32.9	U	E	P
7439-97-6	Mercury	0.12	U		CV
7440-02-0	Nickel	4.8	B		P
7440-09-7	Potassium	233	B		P
7782-49-2	Selenium	0.3	U	W	F
7440-22-4	Silver	0.7	U		P
7440-23-5	Sodium	55.4	B		P
7440-28-0	Thallium	0.2	U		F
7440-62-2	Vanadium	5.7	B		P
7440-66-6	Zinc	10.8			P
	Cyanide	0.26	U		C

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

0017

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MS-2D

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: MS-2D

Level (low/med): MED

Date Received: 10/05/94

% Solids: 76.8

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.5	U		P

Color Before: GRAY

Clarity Before: _____

Texture: MEDIUM

Color After: YELLOW

Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MS-2DMS

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: MS-2DMS

Level (low/med): LOW

Date Received: 10/05/94

% Solids: 76.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5034			P
7440-36-0	Antimony	90.3		N	P
7440-38-2	Arsenic	9.8			F
7440-39-3	Barium	529			P
7440-41-7	Beryllium	14.3			P
7440-43-9	Cadmium	14.5			P
7440-70-2	Calcium	330	B		P
7440-47-3	Chromium	62.3		E	P
7440-48-4	Cobalt	141			P
7440-50-8	Copper	66.3			P
7439-89-6	Iron	3288		E	P
7439-92-1	Lead	6.1		N*	F
7439-95-4	Magnesium	926		E	P
7439-96-5	Manganese	171		E	P
7439-97-6	Mercury	1.3			CV
7440-02-0	Nickel	148			P
7440-09-7	Potassium	295	B		P
7782-49-2	Selenium	4.3			F
7440-22-4	Silver	12.4			P
7440-23-5	Sodium	68.5	B		P
7440-28-0	Thallium	9.2			F
7440-62-2	Vanadium	145			P
7440-66-6	Zinc	139			P
	Cyanide	37.5			C

Color Before: GRAY Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

0019

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MS-2DMS

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: MS-2DMS

Level (low/med): MED

Date Received: 10/05/94

% Solids: 76.8

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	128			P

Color Before: GRAY

Clarity Before: _____

Texture: MEDIUM

Color After: YELLOW

Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MS-2DMSD

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: MS-2DMSD

Level (low/med): LOW

Date Received: 10/05/94

% Solids: 76.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4201			P
7440-36-0	Antimony	8.4	U	N	P
7440-38-2	Arsenic	2.2			F
7440-39-3	Barium	5.0	B		P
7440-41-7	Beryllium	0.2	U		P
7440-43-9	Cadmium	0.7	U		P
7440-70-2	Calcium	217	B		P
7440-47-3	Chromium	5.3		E	P
7440-48-4	Cobalt	1.7	B		P
7440-50-8	Copper	1.9	B		P
7439-89-6	Iron	2896		E	P
7439-92-1	Lead	2.6		N*	F
7439-95-4	Magnesium	822	B	E	P
7439-96-5	Manganese	29.0		E	P
7439-97-6	Mercury	0.1	U		CV
7440-02-0	Nickel	4.6	B		P
7440-09-7	Potassium	169	B		P
7782-49-2	Selenium	0.3	U	W	F
7440-22-4	Silver	0.7	U		P
7440-23-5	Sodium	49.9	B		P
7440-28-0	Thallium	0.2	U		F
7440-62-2	Vanadium	5.0	B		P
7440-66-6	Zinc	10.6			P
	Cyanide	0.3	U		C

Color Before: GRAY

Clarity Before: _____

Texture: MEDIUM

Color After: YELLOW

Clarity After: _____

Artifacts: _____

Comments:

0021

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MS-2E

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: MS-2E

Level (low/med): MED

Date Received: 10/05/94

% Solids: 79.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	212			P

Color Before: BROWN

Clarity Before: _____

Texture: MEDIUM

Color After: YELLOW

Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MS-4A

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: MS-4A

Level (low/med): MED

Date Received: 10/05/94

% Solids: 83.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.0	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MS-4B

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: MS-4B

Level (low/med): MED

Date Received: 10/05/94

% Solids: 78.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.5	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MS-4C

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: MS-4C

Level (low/med): LOW

Date Received: 10/05/94

% Solids: 81.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3013.9			P
7440-36-0	Antimony	8.0	UI	N	P
7440-38-2	Arsenic	2.7			F
7440-39-3	Barium	10.9	B		P
7440-41-7	Beryllium	0.2	U		P
7440-43-9	Cadmium	0.7	U		P
7440-70-2	Calcium	619.5	B		P
7440-47-3	Chromium	18.9		E	P
7440-48-4	Cobalt	1.8	B		P
7440-50-8	Copper	3.1	B		P
7439-89-6	Iron	3352.5	I	E	P
7439-92-1	Lead	2.1	I	N*	F
7439-95-4	Magnesium	785.8	B	E	P
7439-96-5	Manganese	35.0	3	E	P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	5.2	B		P
7440-09-7	Potassium	227.8	B		P
7782-49-2	Selenium	0.3	U	W	F
7440-22-4	Silver	0.7	U		P
7440-23-5	Sodium	29.6	B		P
7440-28-0	Thallium	0.2	U		F
7440-62-2	Vanadium	5.7	B		P
7440-66-6	Zinc	28.0			P
	Cyanide	0.26	U		C

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

0025

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

2F

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: 2F

Level (low/med): MED

Date Received: 10/12/94

% Solids: 82.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.1	U		P

Color Before: GRAY

Clarity Before: _____

Texture: MEDIUM

Color After: COLORLESS

Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

3A

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: 3A

Level (low/med): MED

Date Received: 10/12/94

% Solids: 77.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.5	U		P

Color Before: BROWN

Clarity Before: _____

Texture: MEDIUM

Color After: YELLOW

Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

3B

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: 3B

Level (low/med): MED

Date Received: 10/12/94

% Solids: 77.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.5	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

5A

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: 5A

Level (low/med): MED

Date Received: 10/12/94

% Solids: 76.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.6	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

5B

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: 5B

Level (low/med): MED

Date Received: 10/12/94

% Solids: 80.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.3	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELD BLANK

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): WATER

Lab Sample ID: FIELD BLANK

Level (low/med): LOW

Date Received: 10/05/94

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	62.0	B		P
7440-36-0	Antimony	49.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	2.0	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	4.0	U		P
7440-70-2	Calcium	76.0	B		P
7440-47-3	Chromium	3.0	U		P
7440-48-4	Cobalt	6.0	U		P
7440-50-8	Copper	4.0	U		P
7439-89-6	Iron	14.0	B		P
7439-92-1	Lead	1.0	U		F
7439-95-4	Magnesium	6.0	B		P
7439-96-5	Manganese	1.0	U		P
7439-97-6	Mercury	0.2	U		CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	348	U		P
7782-49-2	Selenium	2.0	U		F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	43.0	U		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	7.0	B		P
	Cyanide	10.0	U		C

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

0031

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBS01

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: PBS01

Level (low/med): LOW

Date Received: 10/05/94

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7.62	B		P
7440-36-0	Antimony	6.44	U	N	P
7440-38-2	Arsenic	0.26	U		F
7440-39-3	Barium	0.13	U		P
7440-41-7	Beryllium	0.13	U		P
7440-43-9	Cadmium	0.53	U		P
7440-70-2	Calcium	5.52	B		P
7440-47-3	Chromium	0.39	U	E	P
7440-48-4	Cobalt	0.79	U		P
7440-50-8	Copper	0.53	U		P
7439-89-6	Iron	3.81	B	E	P
7439-92-1	Lead	0.13	U	N*	F
7439-95-4	Magnesium	2.89	B	E	P
7439-96-5	Manganese	0.13	U	E	P
7439-97-6	Mercury	0.09	U		CV
7440-02-0	Nickel	1.31	U		P
7440-09-7	Potassium	45.7	U		P
7782-49-2	Selenium	0.26	U		F
7440-22-4	Silver	0.53	U		P
7440-23-5	Sodium	6.8	B		P
7440-28-0	Thallium	0.13	U		F
7440-62-2	Vanadium	0.39	U		P
7440-66-6	Zinc	0.53	U		P
	Cyanide	0.22	U		C

Color Before: YELLOW Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: _____ Artifacts: _____

Comments:

0032

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBS01

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: PBS01

Level (low/med): MED

Date Received: 10/05/94

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	5.0	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBS02

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): SOIL

Lab Sample ID: PBS02

Level (low/med): MED

Date Received: 10/13/94

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	5.0	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBW

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010

SDG No.: NETL19-1

Matrix (soil/water): WATER

Lab Sample ID: PBW

Level (low/med): LOW

Date Received: 10/05/94

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	38.0	U		P
7440-36-0	Antimony	49.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	1.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	4.0	U		P
7440-70-2	Calcium	4.0	B		P
7440-47-3	Chromium	3.0	U		P
7440-48-4	Cobalt	6.0	U		P
7440-50-8	Copper	4.0	U		P
7439-89-6	Iron	8.0	B		P
7439-92-1	Lead	1.0	U		F
7439-95-4	Magnesium	5.0	B		P
7439-96-5	Manganese	1.0	U		P
7439-97-6	Mercury	0.2	U		CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	348.0	U		P
7782-49-2	Selenium	2.0	U		F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	43.0	U		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	4.0	U		P
	Cyanide	10.0	U		C

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

0035

B: QC DATA

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA
 Lab Code: RI010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL19-1
 Initial Calibration Source: LEEMAN
 Continuing Calibration Source: SPEX

DATE: 10/27/94 Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration			Found	%R(1)	M
	True	Found	%R(1)	True	Found	%R(1)			
Aluminum	20110.0	18620.00	92.6	10000.0	10270.00	102.7	9960.00	99.6	P
Antimony									
Arsenic									
Barium	20000.0	20000.00	100.0	10000.0	10600.00	106.0	9947.00	99.5	P
Beryllium									
Cadmium									
Calcium	500000.0	487700.00	97.5	250000.0	252600.00	101.0	250200.00	100.1	P
Chromium									
Cobalt									
Copper	2539.0	2526.00	99.5	1250.0	1303.00	104.2	1278.00	102.2	P
Iron	10000.0	9911.00	99.1	5000.0	5181.00	103.6	4995.00	99.9	P
Lead									
Magnesium	500000.0	474400.00	94.9	250000.0	252200.00	100.9	248500.00	99.4	P
Manganese	3000.0	2922.00	97.4	1500.0	1548.00	103.2	1520.00	101.3	P
Mercury									
Nickel									
Potassium	500000.0	497400.00	99.5	250000.0	255600.00	102.2	245800.00	98.3	P
Selenium									
Silver									
Sodium	500100.0	494700.00	98.9	250000.0	253700.00	101.5	244000.00	97.6	P
Thallium									
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA
 Lab Code: RI010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL19-1
 Initial Calibration Source: LEEMAN
 Continuing Calibration Source: SPEX

DATE: 10/27/94 Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10200.00	102.0	10090.00	100.9	P
Antimony									
Arsenic									
Barium				10000.0	10040.00	100.4	10330.00	103.3	P
Beryllium									
Cadmium									
Calcium				250000.0	253100.00	101.2	248600.00	99.4	P
Chromium									
Cobalt									
Copper				1250.0	1286.00	102.9	1255.00	100.4	P
Iron				5000.0	4979.00	99.6	5142.00	102.8	P
Lead									
Magnesium				250000.0	251600.00	100.6	247300.00	98.9	P
Manganese				1500.0	1541.00	102.7	1512.00	100.8	P
Mercury									
Nickel									
Potassium				250000.0	251400.00	100.6	243900.00	97.6	P
Selenium									
Silver									
Sodium				250000.0	250100.00	100.0	249300.00	99.7	P
Thallium									
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____ SDG No.: NETL19-1

Initial Calibration Source: LEEMAN

Continuing Calibration Source: SPEX

DATE: 10/27/94

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration			M
	True	Found	%R(1)	True	Found	%R(1)	
Aluminum				10000.0	9886.00	98.9	P
Antimony							
Arsenic							
Barium				10000.0	10160.00	101.6	P
Beryllium							
Cadmium							
Calcium				250000.0	255500.00	102.2	P
Chromium							
Cobalt							
Copper				1250.0	1261.00	100.9	P
Iron				5000.0	5150.00	103.0	P
Lead							
Magnesium				250000.0	251600.00	100.6	P
Manganese				1500.0	1541.00	102.7	P
Mercury							
Nickel							
Potassium				250000.0	251400.00	100.6	P
Selenium							
Silver							
Sodium				250000.0	250100.00	100.0	P
Thallium							
Vanadium							
Zinc							
Cyanide							

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

*LOW
LIMIT
200
200
200
200*

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____ SDG No.: NETL19-1

Initial Calibration Source: LEEMAN

Continuing Calibration Source: SPEX

DATE: 10/28/94

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium	505.5	510.90	101.1	250.0	264.20	105.7	268.20	107.3	P
Cadmium	5010.0	4841.00	96.6	2500.0	2606.00	104.2	2630.00	105.2	P
Calcium									
Chromium	2002.0	1998.00	99.8	1000.0	1061.00	106.1	1084.00	108.4	P
Cobalt	5005.0	4997.00	99.8	2500.0	2688.00	107.5	2727.00	109.1	P
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel	8004.0	8011.00	100.1	4000.0	4282.00	107.1	4391.00	109.8	P
Potassium									
Selenium									
Silver	2000.0	1977.00	98.9	1000.0	1027.00	102.7	1039.00	103.9	P
Sodium									
Thallium									
Vanadium	5000.0	4997.00	99.9	2500.0	2651.00	106.0	2725.00	109.0	P
Zinc	4038.0	3969.00	98.3	2000.0	2085.00	104.3	2101.00	105.1	P
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL19-1

Initial Calibration Source: LEEMAN

Continuing Calibration Source: SPEX

DATE: 10/28/94 Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium				250.0	248.00	99.2	244.60	97.8	P
Cadmium				2500.0	2566.00	102.6	2523.00	100.9	P
Calcium									
Chromium				1000.0	1015.00	101.5	1013.00	101.3	P
Cobalt				2500.0	2604.00	104.2	2565.00	102.6	P
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel				4000.0	4109.00	102.7	4079.00	102.0	P
Potassium									
Selenium									
Silver				1000.0	937.10	93.7	935.10	93.5	P
Sodium									
Thallium									
Vanadium				2500.0	2553.00	102.1	2543.00	101.7	P
Zinc				2000.0	1949.00	97.5	1931.00	96.6	P
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA
 Lab Code: RI010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL19-1
 Initial Calibration Source: LEEMAN
 Continuing Calibration Source: SPEX

DATE: 10/28/94 Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration			Found	%R(1)	M
	True	Found	%R(1)	True	Found	%R(1)			
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium				250.0	236.00	94.4			P
Cadmium				2500.0	2517.00	100.7			P
Calcium									
Chromium				1000.0	1021.00	102.1			P
Cobalt				2500.0	2562.00	102.5			P
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel				4000.0	4090.00	102.3			P
Potassium									
Selenium									
Silver				1000.0	925.80	92.6			P
Sodium									
Thallium									
Vanadium				2500.0	2521.00	100.8			P
Zinc				2000.0	1895.00	94.8			P
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____ SDG No.: NETL19-1

Initial Calibration Source: LEEMAN

Continuing Calibration Source: SPEX

DATE: 10/7/94

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead	5000.0	4880.00	97.6	2500.0	2527.00	101.1	2530.00	101.2	P
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____ SDG No.: NETL19-1

Initial Calibration Source: LEEMAN

Continuing Calibration Source: SPEX

DATE: 10/7/94

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration			M
	True	Found	%R(1)	True	Found	%R(1)	
Aluminum							
Antimony							
Arsenic							
Barium							
Beryllium							
Cadmium							
Calcium							
Chromium							
Cobalt							
Copper							
Iron							
Lead				2500.0	2526.00	101.0	2520.00 100.8
Magnesium							
Manganese							
Mercury							
Nickel							
Potassium							
Selenium							
Silver							
Sodium							
Thallium							
Vanadium							
Zinc							
Cyanide							

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____

SDG No.: NETL19-1

Initial Calibration Source: LEEMAN

Continuing Calibration Source: SPEX

DATE: 10/15/94

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead	5000.0	4825.00	96.5	2500.0	2460.00	98.4	2468.00	98.7	P
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA
 Lab Code: RI010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL19-1
 Initial Calibration Source: LEEMAN
 Continuing Calibration Source: SPEX

DATE: 10/15/94 Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration			Found	%R(1)	M
	True	Found	%R(1)	True	Found	%R(1)			
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead				2500.0	2456.00	98.2			P
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____ SDG No.: NETL19-1

Initial Calibration Source: SPEX

Continuing Calibration Source: JOHNSON & MATTHEWS

DATE: 10/31/94

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									
Antimony	1000.0	1005.00	100.5	5000.0	5135.00	102.7	5131.00	102.6	P
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA
 Lab Code: RI010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL19-1
 Initial Calibration Source: SPEX
 Continuing Calibration Source: JOHNSON & MATTHEWS

DATE: 10/31/94 Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									
Antimony				5000.0	5039.00	100.8	4970.00	99.4	P
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____

SDG No.: NETL19-1

Initial Calibration Source: SPEX

Continuing Calibration Source: JOHNSON & MATTHEWS

DATE: 10/31/94

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									
Antimony				5000.0	5034.00	100.7			P
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA
 Lab Code: RI010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL19-1
 Initial Calibration Source: LEAMAN
 Continuing Calibration Source: SPEX

RUN DATE: 10/21/94

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									
Antimony									
Arsenic	40.0	40.60	101.5	25.0	23.70	94.8	25.50	102.0	F
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____ SDG No.: NETL19-1

Initial Calibration Source: LEAMAN

Continuing Calibration Source: SPEX

RUN DATE: 10/21/94

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									
Antimony									
Arsenic				25.0	24.60	98.4	25.60	102.4	F
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____

SDG No.: NETL19-1

Initial Calibration Source: SPEX

Continuing Calibration Source: JOHNSON & MATTHEWS

RUN DATE: 10/20/94

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead	40.0	41.80	104.5	50.0	50.20	100.4	49.90	99.8	F
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA
 Lab Code: RI010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL19-1
 Initial Calibration Source: SPEX
 Continuing Calibration Source: JOHNSON & MATTHEWS

RUN DATE: 10/20/94

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead				50.0	49.20	98.4	49.20	98.4	F
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA
 Lab Code: RI010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL19-1
 Initial Calibration Source: SPEX
 Continuing Calibration Source: JOHNSON & MATTHEWS

RUN DATE: 10/21/94

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium	40.0	40.70	101.8	25.0	25.70	102.8	25.00	100.0	F
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA
 Lab Code: RI010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL19-1
 Initial Calibration Source: SPEX
 Continuing Calibration Source: JOHNSON & MATTHEWS

RUN DATE: 10/24/94

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration				M	
	True	Found	%R(1)	True	Found	%R(1)	Found		%R(1)
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium	40.0	39.40	98.5	25.0	25.30	101.2	25.10	100.4	F
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____ SDG No.: NETL19-1

Initial Calibration Source: SPEX

Continuing Calibration Source: JOHNSON & MATTHEWS

RUN DATE: 10/21/94

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration			M
	True	Found	%R(1)	True	Found	%R(1)	
Aluminum							
Antimony							
Arsenic							
Barium							
Beryllium							
Cadmium							
Calcium							
Chromium							
Cobalt							
Copper							
Iron							
Lead							
Magnesium							
Manganese							
Mercury							
Nickel							
Potassium							
Selenium				25.0	23.50	94.0	F
Silver							
Sodium							
Thallium							
Vanadium							
Zinc							
Cyanide							

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL19-1

Initial Calibration Source: SPEX

Continuing Calibration Source: JOHNSON & MATTHEWS

RUN DATE: 10/24/94

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium				25.0	24.30	97.2			F
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____ SDG No.: NETL19-1

Initial Calibration Source: ERA

Continuing Calibration Source: JONHSON & MATTHEWS

DATE: 10/24/94

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury	5.0	4.93	98.6	2.5	2.49	99.6	2.42	96.8	CV
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____ SDG No.: NETL19-1

Initial Calibration Source: ERA

Continuing Calibration Source: JONHSON & MATTHEWS

DATE: 10/19/94

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration			Found	%R(1)	M
	True	Found	%R(1)	True	Found	%R(1)			
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury	5.0	5.22	104.4	2.5	2.47	98.8			CV
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL19-1

Initial Calibration Source: FISHER

Continuing Calibration Source: BAKER

DATE: 10/14/94 Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide	100.0	95.38	95.4	50.0	43.95	87.9	45.71	91.4	C

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: New England Testing Laboratory, Inc. Contract: G&H RD/RA
 Lab Code: RI010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL19-1
 Initial Calibration Source: FISHER
 Continuing Calibration Source: BAKER

DATE: 10/14/94 Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration			Found	%R(1)	M
	True	Found	%R(1)	True	Found	%R(1)			
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide				50.0	45.71	91.4			C

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2B
CRDL STANDARD FOR AA AND ICP

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____

SDG No.: NETL19-1

AA CRDL Standard Source: _____

ICP CRDL Standard Source: JOHNSON & MATTHEWS

DATE: 10/27/94

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	True	Initial Found	%R	Final Found	%R
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper				50.0	56.00	112.0	53.30	106.6
Iron								
Lead								
Magnesium								
Manganese				30.0	38.10	127.0	36.80	122.7
Mercury								
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								

U.S. EPA - CLP
2B
CRDL STANDARD FOR AA AND ICP

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____

SDG No.: NETL19-1

AA CRDL Standard Source: _____

ICP CRDL Standard Source: JOHNSON & MATTHEWS

DATE: 10/28/94

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	True	Initial Found	%R	Final Found	%R
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium				10.0	11.10	111.0	9.70	97.0
Cadmium				10.0	12.60	126.0	9.00	90.0
Calcium								
Chromium				20.0	21.90	109.5	21.00	105.0
Cobalt				100.0	118.00	118.0	108.10	108.1
Copper								
Iron								
Lead								
Magnesium								
Manganese								
Mercury								
Nickel				80.0	99.20	124.0	75.90	94.9
Potassium								
Selenium								
Silver				20.0	19.10	95.5	14.00	70.0
Sodium								
Thallium								
Vanadium				100.0	112.10	112.1	105.40	105.4
Zinc				40.0	43.60	109.0	42.60	106.5

U.S. EPA - CLP
2B
CRDL STANDARD FOR AA AND ICP

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____ SDG No.: NETL19-1

AA CRDL Standard Source: _____

ICP CRDL Standard Source: JOHNSON & MATTHEWS

DATE: 10/7/94

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	True	Initial Found	%R	Final Found	%R
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead				80.0	92.30	115.4	96.80	121.0
Magnesium								
Manganese								
Mercury								
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								

U.S. EPA - CLP
2B
CRDL STANDARD FOR AA AND ICP

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____ SDG No.: NETL19-1

AA CRDL Standard Source: _____

ICP CRDL Standard Source: JOHNSON & MATTHEWS

DATE: 10/15/94

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	True	Initial Found	%R	Final Found	%R
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead				80.0	97.60	122.0	65.30	81.6
Magnesium								
Manganese								
Mercury								
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								

U.S. EPA - CLP
2B
CRDL STANDARD FOR AA AND ICP

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____

SDG No.: NETL19-1

AA CRDL Standard Source: _____

ICP CRDL Standard Source: SPEX

DATE: 10/31/94

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	True	Initial Found	%R	Final Found	%R
Aluminum								
Antimony				120.0	124.10	103.4	111.80	93.2
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead								
Magnesium								
Manganese								
Mercury								
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								

U.S. EPA - CLP
2B
CRDL STANDARD FOR AA AND ICP

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____ SDG No.: NETL19-1

AA CRDL Standard Source: SPEX

ICP CRDL Standard Source: _____

RUN DATE: 10/21/94

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	True	Initial Found	%R	Final Found	%R
Aluminum								
Antimony								
Arsenic	10.0	9.90	99.0					
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead								
Magnesium								
Manganese								
Mercury								
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								

U.S. EPA - CLP
2B
CRDL STANDARD FOR AA AND ICP

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____ SDG No.: NETL19-1

AA CRDL Standard Source: JOHNSON & MATTHEWS

ICP CRDL Standard Source: _____

RUN DATE: 10/20/94

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	True	Initial Found	%R	Final Found	%R
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead	3.0	2.00	66.7					
Magnesium								
Manganese								
Mercury								
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								

U.S. EPA - CLP
2B
CRDL STANDARD FOR AA AND ICP

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____ SDG No.: NETL19-1

AA CRDL Standard Source: JOHNSON & MATTHEWS

ICP CRDL Standard Source: _____

RUN DATE: 10/24/94

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	True	Initial Found	%R	Final Found	%R
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead								
Magnesium								
Manganese								
Mercury								
Nickel								
Potassium								
Selenium	5.0	5.30	106.0					
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								

U.S. EPA - CLP
2B
CRDL STANDARD FOR AA AND ICP

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____

SDG No.: NETL19-1

AA CRDL Standard Source: JOHNSON & MATTHEWS

ICP CRDL Standard Source: _____

RUN DATE: 10/24/94

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	True	Initial Found	%R	Final Found	%R
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead								
Magnesium								
Manganese								
Mercury								
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium	10.0	10.30	103.0					
Vanadium								
Zinc								

U.S. EPA - CLP
2B
CRDL STANDARD FOR AA AND ICP

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____

SDG No.: NETL19-1

AA CRDL Standard Source: JOHNSON & MATTHEWS

ICP CRDL Standard Source: _____

DATE: 10/24/94

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	True	Initial Found	%R	Final Found	%R
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead								
Magnesium								
Manganese								
Mercury	0.2	0.11	55.0					
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								

U.S. EPA - CLP
2B
CRDL STANDARD FOR AA AND ICP

Lab Name: New England Testing Laboratory, Inc.

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____ SDG No.: NETL19-1

AA CRDL Standard Source: JOHNSON & MATTHEWS

ICP CRDL Standard Source: _____

DATE: 10/19/94

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	True	Initial Found	%R	Final Found	%R
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead								
Magnesium								
Manganese								
Mercury	0.2	0.21	105.0					
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								

U.S. EPA - CLP

3

BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No NETL-19-1

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
		C	1	C	2	C	3	C		C	
Aluminum	38.0	U	38.0	U	38.0	U	38.0	U	7.622	B	P
Antimony											
Arsenic											
Barium	1.0	U	1.0	U	1.0	U	1.0	U	0.131	U	P
Beryllium											
Cadmium											
Calcium	14.8	B	13.1	B	4.0	U	4.0	U	5.519	B	P
Chromium											
Cobalt											
Copper	4.0	U	4.0	U	4.0	U	4.0	U	0.526	U	P
Iron	5.8	B	3.8	B	3.4	B	3.0	U	3.811	B	P
Lead											
Magnesium	21.8	B	15.3	B	8.8	B	4.3	B	2.891	B	P
Manganese	1.0	U	1.0	U	1.0	U	1.0	U	0.131	U	P
Mercury											
Nickel											
Potassium	348.0	U	348.0	U	348.0	U	-430.2	B	45.729	U	P
Selenium											
Silver											
Sodium	43.0	U	43.0	U	43.0	U	-63.0	B	6.833	B	P
Thallium											
Vanadium											
Zinc											
Cyanide											

U.S. EPA - CLP

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BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No NETL-19-1

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Preparation Blank		M
			1	C	2	C	3	C	C	C	
Aluminum			38.0	U	38.0	U					P
Antimony											
Arsenic											
Barium			1.0	U	1.0	U					P
Beryllium											
Cadmium											
Calcium			4.0	U	5.6	B					P
Chromium											
Cobalt											
Copper			4.0	U	4.0	U					P
Iron			3.0	U	8.4	B					P
Lead											
Magnesium			4.0	U	11.7	B					P
Manganese			1.0	B	1.0	U					P
Mercury											
Nickel											
Potassium			348.0	U	348.0	U					P
Selenium											
Silver											
Sodium			-70.0	B	-98.0	B					P
Thallium											
Vanadium											
Zinc											
Cyanide											

U.S. EPA - CLP

3

BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____

SDG No NETL-19-1

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Preparation Blank		M
			1	C	2	C	3	C	C	M	
Aluminum											
Antimony											
Arsenic											
Barium											
Beryllium	1.0 U		1.0 U		1.0 U		1.0 U		0.131 U		P
Cadmium	-1.4 B		1.0 U		1.0 U		1.0 U		0.526 U		P
Calcium											
Chromium	3.0 U		3.0 U		3.0 U		3.0 U		0.394 U		P
Cobalt	6.0 U		6.0 U		6.0 U		6.0 U		0.788 U		P
Copper											
Iron											
Lead											
Magnesium											
Manganese											
Mercury											
Nickel	10.0 U		10.0 U		10.0 U		10.0 U		1.314 U		P
Potassium											
Selenium											
Silver	4.0 U		4.0 U		-6.1 B		-7.2 B		0.526 U		P
Sodium											
Thallium											
Vanadium	3.0 U		3.0 U		3.0 U		3.0 U		0.394 U		P
Zinc	4.0 U		4.0 U		4.0 U		4.0 U		0.526 U		P
Cyanide											

U.S. EPA - CLP
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BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No NETL-19-1

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Preparation Blank		M
			1	C	2	C	3	C	C		
Aluminum											
Antimony											
Arsenic											
Barium											
Beryllium			1.0	U	1.0	U					P
Cadmium			1.0	U	-2.4	B					P
Calcium											
Chromium			3.0	U	3.0	U					P
Cobalt			6.0	U	6.0	U					P
Copper											
Iron											
Lead											
Magnesium											
Manganese											
Mercury											
Nickel			10.0	U	10.0	U					P
Potassium											
Selenium											
Silver			-6.0	B	-4.0	B					P
Sodium											
Thallium											
Vanadium			3.0	U	3.0	U					P
Zinc			4.0	U	4.0	U					P
Cyanide											

U.S. EPA - CLP

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BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____

SDG No NETL-19-1

Preparation Blank Matrix (soil/water):

SOIL

Preparation Blank Concentration Units (ug/L or mg/kg):

MG/KG

DATE: 10/7/94

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
		C	1	C	2	C	3	C		C	
Aluminum											
Antimony											
Arsenic											
Barium											
Beryllium											
Cadmium											
Calcium											
Chromium											
Cobalt											
Copper											
Iron											
Lead	38.0	U	38.0	U	38.0	U	38.0	U	4.993	U	P
Magnesium											
Manganese											
Mercury											
Nickel											
Potassium											
Selenium											
Silver											
Sodium											
Thallium											
Vanadium											
Zinc											
Cyanide											

U.S. EPA - CLP

3

BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____

SDG No NETL-19-1

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

DATE: 10/7/94

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Preparation Blank	C	M
			1	C	2	C	3	C			
Aluminum											
Antimony											
Arsenic											
Barium											
Beryllium											
Cadmium											
Calcium											
Chromium											
Cobalt											
Copper											
Iron											
Lead			38.0	U						P	
Magnesium											
Manganese											
Mercury											
Nickel											
Potassium											
Selenium											
Silver											
Sodium											
Thallium											
Vanadium											
Zinc											
Cyanide											

U.S. EPA - CLP
3
BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No NETL-19-1

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

DATE: 10/15/94

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Preparation Blank		M
			1	C	2	C	3	C	C		
Aluminum											
Antimony											
Arsenic											
Barium											
Beryllium											
Cadmium											
Calcium											
Chromium											
Cobalt											
Copper											
Iron											
Lead	38.0	U	38.0	U	38.0	U	38.0	U	4.980	U	P
Magnesium											
Manganese											
Mercury											
Nickel											
Potassium											
Selenium											
Silver											
Sodium											
Thallium											
Vanadium											
Zinc											
Cyanide											

U.S. EPA - CLP
3
BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No NETL-19-1

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Prepa- ration Blank	C	M
			1	C	2	C	3	C			
Aluminum											
Antimony	49.0	U	49.0	U	49.0	U	49.0	U	6.439	U	P
Arsenic											
Barium											
Beryllium											
Cadmium											
Calcium											
Chromium											
Cobalt											
Copper											
Iron											
Lead											
Magnesium											
Manganese											
Mercury											
Nickel											
Potassium											
Selenium											
Silver											
Sodium											
Thallium											
Vanadium											
Zinc											
Cyanide											

U.S. EPA - CLP

3

BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____

SDG No NETL-19-1

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Preparation Blank		M
			1	C	2	C	3	C	C		
Aluminum											
Antimony			49.0	U	49.0	U					P
Arsenic											
Barium											
Beryllium											
Cadmium											
Calcium											
Chromium											
Cobalt											
Copper											
Iron											
Lead											
Magnesium											
Manganese											
Mercury											
Nickel											
Potassium											
Selenium											
Silver											
Sodium											
Thallium											
Vanadium											
Zinc											
Cyanide											

U.S. EPA - CLP

3

BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No.: NETL-19-1

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

RUN DATE: 10/21/94

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Prepa- ration Blank		C	M
			1	C	2	C	3	C				
Aluminum												
Antimony												
Arsenic	2.0	U	2.0	U	2.0	U	2.0	U	0.262	U		F
Barium												
Beryllium												
Cadmium												
Calcium												
Chromium												
Cobalt												
Copper												
Iron												
Lead												
Magnesium												
Manganese												
Mercury												
Nickel												
Potassium												
Selenium												
Silver												
Sodium												
Thallium												
Vanadium												
Zinc												
Cyanide												

U.S. EPA - CLP
3
BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No.: NETL-19-1

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

RUN DATE: 10/21/94

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Preparation Blank	C	M
			1	C	2	C	3	C			
Aluminum											
Antimony											
Arsenic			2.0	U						F	
Barium											
Beryllium											
Cadmium											
Calcium											
Chromium											
Cobalt											
Copper											
Iron											
Lead											
Magnesium											
Manganese											
Mercury											
Nickel											
Potassium											
Selenium											
Silver											
Sodium											
Thallium											
Vanadium											
Zinc											
Cyanide											

U.S. EPA - CLP
3
BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E0831-02

SAS No.: _____ SDG No.: NETL-18-1

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

RUN DATE: 10/20/94

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Preparation Blank	C	M
			1	C	2	C	3	C			
Aluminum											
Antimony											
Arsenic											
Barium											
Beryllium											
Cadmium											
Calcium											
Chromium											
Cobalt											
Copper											
Iron											
Lead	-1.2	B	1.0	U	1.0	U	1.0	U	0.131	U	F
Magnesium											
Manganese											
Mercury											
Nickel											
Potassium											
Selenium											
Silver											
Sodium											
Thallium											
Vanadium											
Zinc											
Cyanide											

U.S. EPA - CLP

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BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No.: NETL-19-1

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

RUN DATE: 10/20/94

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Preparation Blank		M
			1	C	2	C	3	C	C		
Aluminum											
Antimony											
Arsenic											
Barium											
Beryllium											
Cadmium											
Calcium											
Chromium											
Cobalt											
Copper											
Iron											
Lead				1.0 U							F
Magnesium											
Manganese											
Mercury											
Nickel											
Potassium											
Selenium											
Silver											
Sodium											
Thallium											
Vanadium											
Zinc											
Cyanide											

U.S. EPA - CLP

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BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No.: NETL-19-1

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

RUN DATE: 10/21/94

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Preparation Blank	C	M
			1	C	2	C	3	C			
Aluminum											
Antimony											
Arsenic											
Barium											
Beryllium											
Cadmium											
Calcium											
Chromium											
Cobalt											
Copper											
Iron											
Lead											
Magnesium											
Manganese											
Mercury											
Nickel											
Potassium											
Selenium	2.0 U		2.0 U		2.0 U		2.0 U	0.262 U		F	
Silver											
Sodium											
Thallium											
Vanadium											
Zinc											
Cyanide											

U.S. EPA - CLP
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BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No.: NETL-19-1

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

RUN DATE: 10/21/94

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Preparation Blank		M
			1	C	2	C	3	C	C	M	
Aluminum											
Antimony											
Arsenic											
Barium											
Beryllium											
Cadmium											
Calcium											
Chromium											
Cobalt											
Copper											
Iron											
Lead											
Magnesium											
Manganese											
Mercury											
Nickel											
Potassium											
Selenium				2.0	U						F
Silver											
Sodium											
Thallium											
Vanadium											
Zinc											
Cyanide											

U.S. EPA - CLP
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BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No.: NETL-19-1

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

RUN DATE: 10/24/94

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Prepa- ration Blank		M
			1	C	2	C	3	C	C		
Aluminum											
Antimony											
Arsenic											
Barium											
Beryllium											
Cadmium											
Calcium											
Chromium											
Cobalt											
Copper											
Iron											
Lead											
Magnesium											
Manganese											
Mercury											
Nickel											
Potassium											
Selenium											
Silver											
Sodium											
Thallium	1.0	U	1.0	U	1.0	U	1.0	U	0.131	U	F
Vanadium											
Zinc											
Cyanide											

U.S. EPA - CLP
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BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No NETL-19-1

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	Continuing Calibration Blank (ug/L)						Preparation Blank		M
		C	1	C	2	C	3	C	C	
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead										
Magnesium										
Manganese										
Mercury	0.2 U		0.2 U		0.2 U			0.088 U		CV
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Thallium										
Vanadium										
Zinc										
Cyanide										

U.S. EPA - CLP

3

BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No NETL-19-1

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Preparation Blank		M
			1	C	2	C	3	C	C		
Aluminum											
Antimony											
Arsenic											
Barium											
Beryllium											
Cadmium											
Calcium											
Chromium											
Cobalt											
Copper											
Iron											
Lead											
Magnesium											
Manganese											
Mercury	0.2 U		0.2 U						0.200 U		CV
Nickel											
Potassium											
Selenium											
Silver											
Sodium											
Thallium											
Vanadium											
Zinc											
Cyanide											

U.S. EPA - CLP

3

BLANKS

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No NETL-19-1

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
	C		1	C	2	C	3	C	C		
Aluminum											
Antimony											
Arsenic											
Barium											
Beryllium											
Cadmium											
Calcium											
Chromium											
Cobalt											
Copper											
Iron											
Lead											
Magnesium											
Manganese											
Mercury											
Nickel											
Potassium											
Selenium											
Silver											
Sodium											
Thallium											
Vanadium											
Zinc											
Cyanide	10.0	U	10.0	U	10.0	U	10.0	U	0.219	U	C

U.S. EPA - CLP
4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No.: NETL-19-1

ICP ID Number: ICP-1

ICS Source: SPEX

Concentration Units: ug/L

Analyte	True		Initial Found			Final Found		
	Sol. A	Sol. AB	Sol. A	Sol. AB	%R	Sol. A	Sol. AB	%R
Aluminum	500000	500000	525300	517500.0	103.5	503400	504700.0	100.9
Antimony								
Arsenic								
Barium	0	500	24	538.5	107.7	23	530.9	106.2
Beryllium								
Cadmium								
Calcium	500000	500000	505700	499900.0	100.0	503700	508000.0	101.6
Chromium								
Cobalt								
Copper	0	500	7	527.9	105.6	8	508.7	101.7
Iron	200000	200000	193700	195100.0	97.6	195900	191500.0	95.8
Lead								
Magnesium	500000	500000	509600	506700.0	101.3	498600	505300.0	101.1
Manganese	0	500	17	517.5	103.5	16	515.1	103.0
Mercury								
Nickel								
Potassium	0	0	-5	-54.0		-149	-262.7	
Selenium								
Silver								
Sodium	0	0	297	292.0		228	272.9	
Thallium								
Vanadium								
Zinc								

U.S. EPA - CLP

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No.: NETL-19-1

ICP ID Number: ICP-1

ICS Source: SPEX

Concentration Units: ug/L

Analyte	True		Initial Found			Final Found		
	Sol. A	Sol. AB	Sol. A	Sol. AB	%R	Sol. A	Sol. AB	%R
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium	0	500	0	539.1	107.8	0	487.4	97.5
Cadmium	0	1000	14	1078.0	107.8	14	1011.0	101.1
Calcium								
Chromium	0	500	10	525.1	105.0	10	499.1	99.8
Cobalt	0	500	9	533.8	106.8	6	506.5	101.3
Copper								
Iron								
Lead								
Magnesium								
Manganese								
Mercury								
Nickel	0	1000	6	1031.0	103.1	0	988.1	98.8
Potassium								
Selenium								
Silver	0	1000	-5	1047.0	104.7	-8	938.6	
Sodium								
Thallium								
Vanadium	0	500	-1	514.8	103.0	-2	482.9	96.6
Zinc	0	1000	60	1074.0	107.4	54	994.7	99.5

U.S. EPA - CLP
4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____

SDG No.: NETL-19-1

ICP ID Number: ICP-1

ICS Source: SPEX

DATE: 10/7/94

Concentration Units: ug/L

Analyte	True		Initial Found			Final Found		
	Sol. A	Sol. AB	Sol. A	Sol. AB	%R	Sol. A	Sol. AB	%R
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead	0	1000	-65	846.2	84.6	-92	826.4	82.6
Magnesium								
Manganese								
Mercury								
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								

U.S. EPA - CLP

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No.: NETL-19-1

ICP ID Number: ICP-1

ICS Source: SPEX

DATE: 10/15/94

Concentration Units: ug/L

Analyte	True		Initial Found			Final Found		
	Sol. A	Sol. AB	Sol. A	Sol. AB	%R	Sol. A	Sol. AB	%R
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead	0	1000	-103	811.5	81.2	-52	831.2	83.1
Magnesium								
Manganese								
Mercury								
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								

U.S. EPA - CLP
4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010 Case No.: E1005-02

SAS No.: _____ SDG No.: NETL-19-1

ICP ID Number: ICP-1

ICS Source: SPEX

Concentration Units: ug/L

Analyte	True		Initial Found			Final Found		
	Sol. A	Sol. AB	Sol. A	Sol. AB	%R	Sol. A	Sol. AB	%R
Aluminum								
Antimony	0	0	1	16.5		2	-51.4	
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead								
Magnesium								
Manganese								
Mercury								
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								

U.S. EPA - CLP
5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MS-2D

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____

SDG No.: NETL-19-1

Matrix (soil/water): SOIL

Level (low/med): LOW

% Solids for Sample: 76.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Aluminum		5034.3778	4124.6973				P
Antimony	75-125	90.2502	0.0000 U	130.47	69.2	N	P
Arsenic	75-125	9.8238	2.0573	8.62	90.1		F
Barium	75-125	528.7561	4.9882 B	519.05	100.9		P
Beryllium	75-125	14.2781	0.0000 U	12.81	111.4		P
Cadmium	75-125	14.4676	0.0000 U	13.02	111.1		P
Calcium							NR
Chromium	75-125	62.3484	5.6762	51.85	109.3		P
Cobalt	75-125	141.0590	1.2040 B	129.38	108.1		P
Copper	75-125	66.3098	1.7201 B	65.52	98.6		P
Iron							NR
Lead	75-125	6.0839	4.4403	4.31	38.1	N	F
Magnesium							NR
Manganese	75-125	170.5109	32.8531	128.94	106.8		P
Mercury	75-125	1.3496	0.0000 U	1.49	90.6		CV
Nickel	75-125	147.6039	4.8162 B	129.17	110.5		P
Potassium							NR
Selenium	75-125	4.2914	0.0000 U	4.47	96.1		F
Silver	75-125	12.4008	0.0000 U	12.81	96.8		P
Sodium							NR
Thallium	75-125	9.1861	0.0000 U	8.93	102.9		F
Vanadium	75-125	145.0204	5.6762 B	129.51	107.6		P
Zinc	75-125	139.1645	10.8364	128.97	99.5		P
Cyanide	75-125	37.4600	0.0000 U	32.88	113.9		C

Comments:

0097

U.S. EPA - CLP
5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MS-2D

Lab Name: New England Testing Laboratory

Contract: G&H RD/RA

Lab Code: RI010

Case No.: E1005-02

SAS No.: _____

SDG No.: NETL-19-1

Matrix (soil/water): SOIL

Level (low/med): MED

% Solids for Sample: 76.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control	Spiked Sample		Sample		Spike	%R	Q	M
	Limit %R	Result (SSR)	C	Result (SR)	C	Added (SA)			
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead	75-125	128.4860		0.0000		129.17	99.5		P
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

Comments:

0098

U.S. EPA - CLP
5B
POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MS-2DA

Lab Name: NEW ENGLAND TESTING LABORATORY

Contract: G&H RIFS

Lab Code: RI 010

Case No.: E1005-02

SAS No.: _____

SDG No. NETL-19-

Matrix (soil/water): SOIL

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control	Spiked Sample	Sample	Spike	%R	Q	M
	Limit						
	%R		C	C			
Aluminum							
Antimony		127.10		0.00 U	129.0	98.5	P
Arsenic							
Barium							
Beryllium							
Cadmium							
Calcium							
Chromium							
Cobalt							
Copper							
Iron							
Lead							
Magnesium							
Manganese							
Mercury							
Nickel							
Potassium							
Selenium							
Silver							
Sodium							
Thallium							
Vanadium							
Zinc							
Cyanide							

Comments:

U.S. EPA - CLP
6
DUPLICATES

EPA SAMPLE NO.

MS-2D

Lab Name: NEW ENGLAND TESTING LABORATORY

Contract: G&H RD/RA

Lab Code: RI 010

Case No.: 21005-02

SAS No.: _____

SDG No. NETL-19-1

Matrix (soil/water): SOIL

Level (low/med): LOW

% Solids for Sample: 76.8

% Solids for Duplicate: 76.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		4124.6973		4201.3203		1.8		P
Antimony		8.4283	U	8.4061	U			P
Arsenic	1.7	2.0573		2.1587		4.8		F
Barium		4.9882	B	4.9750	B	0.3		P
Beryllium		0.1720	U	0.1716	U			P
Cadmium		0.6880	U	0.6862	U			P
Calcium		275.0372	B	217.3570	B	23.4		P
Chromium	1.7	5.6762		5.3181		6.5		P
Cobalt		1.2040	B	1.7155	B	35.0		P
Copper		1.7201	B	1.8871	B	9.3		P
Iron		3089.2228		2895.8059		6.5		P
Lead	0.5	4.4403		2.6042		52.1	*	F
Magnesium		840.9360	B	821.7364	B	2.3		P
Manganese	2.6	32.8531		28.9924		12.5		P
Mercury		0.1170	U	0.1200	U			CV
Nickel		4.8162	B	4.6319	B	3.9		P
Potassium		232.8958	B	169.1507	B			P
Selenium		0.3429	U	0.3427	U			F
Silver		0.6880	U	0.6862	U			P
Sodium		55.3858	B	49.9218	B	10.4		P
Thallium		0.1714	U	0.1713	U			F
Vanadium		5.6762	B	4.9750	B	13.2		P
Zinc	3.4	10.8364		10.6363		1.9		P
Cyanide		0.2600	U	0.2700	U			C

U.S. EPA - CLP
7
LABORATORY CONTROL SAMPLE

Lab Name: NEW ENGLAND TESTING LABORATORY

Contract: G&H RD/RA

Lab Code: RI 010

Case No.: E1005-02

SAS No.: _____

SDG No.: NETL-19-1

LCS Source: LEEMAN/SPEX

Aqueous LCS Source: HG JOHNSON & MATTHEWS

Aqueous LCS Source: CN FISHER

Analyte	Aqueous (ug/L)			Solid (mg/kg)			Limits	%R
	True	Found	%R	True	Found	C		
Aluminum				1310.4	1153.9		80.0 120.0	88.1
Antimony				66.4	60.4		80.0 120.0	91.0
Arsenic				2.6	2.4		80.0 120.0	94.0
Barium				1310.4	1219.4		80.0 120.0	93.1
Beryllium				32.7	32.4		80.0 120.0	99.0
Cadmium				327.4	311.2		80.0 120.0	95.0
Calcium				33922.7	30576.3		80.0 120.0	90.1
Chromium				134.0	128.2		80.0 120.0	95.7
Cobalt				327.8	318.7		80.0 120.0	97.2
Copper				163.9	162.0		80.0 120.0	98.8
Iron				656.2	606.8		80.0 120.0	92.5
Lead				2.6	2.4		80.0 120.0	90.8
Magnesium				32881.5	30019.6		80.0 120.0	91.3
Manganese				196.5	185.1		80.0 120.0	94.2
Mercury				2.1	2.0		80.0 120.0	93.2
Nickel				523.9	511.5		80.0 120.0	97.6
Potassium				32743.9	30589.4		80.0 120.0	93.4
Selenium				2.6	2.5		80.0 120.0	94.3
Silver				132.0	125.2		80.0 120.0	94.8
Sodium				32743.9	30792.4		80.0 120.0	94.0
Thallium				2.6	2.7		80.0 120.0	102.0
Vanadium				327.4	319.1		80.0 120.0	97.5
Zinc				261.8	250.2		80.0 120.0	95.5
Cyanide	100.0	95.38	95.4				80.0 120.0	

FORM VII - IN

ILM02.0

0101

U.S. EPA - CLP
7
LABORATORY CONTROL SAMPLE

Lab Name: NEW ENGLAND TESTING LABORATORY Contract: G&H RD/RA

Lab Code: RI 010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL-19-1

LCS Source: LEEMAN

Aqueous LCS Source: HG _____

Aqueous LCS Source: CN _____

FOR LEAD BY ICP
DATE: 10/7/94

Analyte	Aqueous (ug/L)			Solid (mg/kg)				%R
	True	Found	%R	True	Found	C	Limits	
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead				327.4	274.1		80.0 120.0	83.7
Magnesium								
Manganese								
Mercury								
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								
Cyanide								

U.S. EPA - CLP
7
LABORATORY CONTROL SAMPLE

Lab Name: NEW ENGLAND TESTING LABORATORY

Contract: G&H RD/RA

Lab Code: RI 010

Case No.: E1005-02

SAS No.: _____

SDG No.: NETL-19-1

LCS Source: LEEMAN

Aqueous LCS Source: HG _____

Aqueous LCS Source: CN _____

FOR LEAD BY ICP
DATE: 10/15/94

Analyte	Aqueous (ug/L)			Solid (mg/kg)				%R	
	True	Found	%R	True	Found	C	Limits		
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead				327.7	300.7		80.0	120.0	91.8
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

U.S. EPA - CLP
9
ICP SERIAL DILUTION

EPA SAMPLE NO.

MS-1D

Lab Name: NEW ENGLAND TESTING LABORATORY

Contract: G&HRD/RA

Lab Code: RI 010

Case No.: E1005-02

SAS No.: _____

SDG No.: NETL-19-1

Matrix (soil/water): SOIL

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	8428.00		8490.00		0.7		P
Antimony	49.00	U	0.00	U			P
Arsenic							
Barium	379.80		391.50	B	3.1		P
Beryllium	1.00	U	0.00	U			P
Cadmium	4.00	U	0.00	U			P
Calcium	4383.00	B	4557.50	B	4.0		P
Chromium	413.00		475.00		15.0	E	P
Cobalt	6.00	U	0.00	U			P
Copper	17.20	B	32.00	B	86.0		P
Iron	2495.00		2890.00		15.8	E	P
Lead	38.00	U	0.00	U			P
Magnesium	462.60	B	574.50	B	24.2	E	P
Manganese	80.00		90.00		12.5	E	P
Mercury							
Nickel	10.00	U	0.00	U			P
Potassium	348.00	U	0.00	U			P
Selenium							
Silver	4.00	U	0.00	U			P
Sodium	258.10	B	217.50	B	15.7		P
Thallium							
Vanadium	7.40	B	0.00	U	100.0		P
Zinc	1600.00		1625.50		1.6		P

U.S. EPA - CLP
9
ICP SERIAL DILUTION

EPA SAMPLE NO.

MS-2E

Lab Name: NEW ENGLAND TESTING LABORATORY

Contract: G&HRD/RA

Lab Code: RI 010

Case No.: E1005-02

SAS No.: _____

SDG No.: NETL-19-1

Matrix (soil/water): SOIL

Level (low/med): MED

DATE: 10/7/94

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum							
Antimony							
Arsenic							
Barium							
Beryllium							
Cadmium							
Calcium							
Chromium							
Cobalt							
Copper							
Iron							
Lead	1279.00		1412.00		10.4		P
Magnesium							
Manganese							
Mercury							
Nickel							
Potassium							
Selenium							
Silver							
Sodium							
Thallium							
Vanadium							
Zinc							

U.S. EPA - CLP
9
ICP SERIAL DILUTION

EPA SAMPLE NO.

2F

Lab Name: NEW ENGLAND TESTING LABORATORY

Contract: G&HRD/RA

Lab Code: RI 010

Case No.: E1005-02

SAS No.: _____

SDG No.: NETL-19-1

Matrix (soil/water): SOIL

Level (low/med): MED

DATE: 10/15/94

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Differ- ence	Q	M
Aluminum							
Antimony							
Arsenic							
Barium							
Beryllium							
Cadmium							
Calcium							
Chromium							
Cobalt							
Copper							
Iron							
Lead	38.00	U	0.00	U			P
Magnesium							
Manganese							
Mercury							
Nickel							
Potassium							
Selenium							
Silver							
Sodium							
Thallium							
Vanadium							
Zinc							

U.S. EPA - CLP
14
ANALYSIS RUN LOG

Lab Name: NEW ENGLAND TESTING LABORATORY Contract: G & H RD/RA
 Lab Code: RI 010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL-19-1
 Instrument ID Number: ICP-1 Method: P
 Start Date: 10/27/94 End Date: 10/27/94

EPA Sample No.	D/F	Time	% R	Analytes																							
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K E	S E	A G	A L	N I	T L	V I	Z N
S0	1.00	1143		X		X		X		X	X	X	X		X		X		X		X						
S0	1.00	1146		X		X		X		X	X	X	X		X		X		X		X						
S0	1.00	1148		X		X		X		X	X	X	X		X		X		X		X						
S	1.00	1202		X		X		X		X	X	X	X		X		X		X		X						
S	1.00	1204		X		X		X		X	X	X	X		X		X		X		X						
S	1.00	1207		X		X		X		X	X	X	X		X		X		X		X						
ICV	1.00	1214		X		X		X		X	X	X	X		X		X		X		X						
ICB	1.00	1221		X		X		X		X	X	X	X		X		X		X		X						
CCV	1.00	1225		X		X		X		X	X	X	X		X		X		X		X						
CCB	1.00	1233		X		X		X		X	X	X	X		X		X		X		X						
ICSA	1.00	1244		X		X		X		X	X	X	X		X		X		X		X						
ICSAB	1.00	1250		X		X		X		X	X	X	X		X		X		X		X						
CRI	1.00	1254		X		X		X		X	X	X	X		X		X		X		X						
PBS01	1.00	1300		X		X		X		X	X	X	X		X		X		X		X						
LCSS	1.00	1307		X		X		X		X	X	X	X		X		X		X		X						
MS-4C	1.00	1314		X		X		X		X	X	X	X		X		X		X		X						
MS-2A	1.00	1321		X		X		X		X	X	X	X		X		X		X		X						
MS-2D	1.00	1327		X		X		X		X	X	X	X		X		X		X		X						
MS-2DMS	1.00	1331		X		X		X		X	X	X	X		X		X		X		X						
CCV	1.00	1344		X		X		X		X	X	X	X		X		X		X		X						
CCB	1.00	1349		X		X		X		X	X	X	X		X		X		X		X						
MS-2DMSD	1.00	1355		X		X		X		X	X	X	X		X		X		X		X						
MS-1D	1.00	1400		X		X		X		X	X	X	X		X		X		X		X						
MS-1DL	5.00	1405		X		X		X		X	X	X	X		X		X		X		X						
MS-1C	1.00	1411		X		X		X		X	X	X	X		X		X		X		X						
PBW01	1.00	1416		X		X		X		X	X	X	X		X		X		X		X						
FIELD BLANK	1.00	1430		X		X		X		X	X	X	X		X		X		X		X						
ZZZZZ	1.00	1436																									
ZZZZZ	1.00	1442																									
ZZZZZ	1.00	1452																									
CCV	1.00	1516		X		X		X		X	X	X	X		X		X		X		X						
CCB	1.00	1523		X		X		X		X	X	X	X		X		X		X		X						
ZZZZZ	1.00	1529																									

C: QUARTERLY VERIFICATIONS

U.S. EPA - CLP
10
INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: New England Testing Laboratory

Contract: G & H RD/RA

Lab Code: RI 010

Case No.: E1005-02

SAS No.: _____

SDG No.: NETL-19-1

ICP ID Number: ICP1

Date: 10/10/94

CV AA ID Number: COLEMAN-1

Furnace AA ID Number: FURNACE-1

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.22		200	38.0	P
Antimony	206.83		60	49.0	P
Arsenic	193.00	BZ	10	2.0	F
Barium	455.40		200	1.0	P
Beryllium	313.04		5	1.0	P
Cadmium	226.50		5	4.0	P
Calcium	317.93		5000	4.0	P
Chromium	267.72		10	3.0	P
Cobalt	228.62		50	6.0	P
Copper	324.75		25	4.0	P
Iron	259.94		100	3.0	P
Lead	282.70	BZ	3	1.0	F
Magnesium	285.21		5000	4.0	P
Manganese	257.61		15	1.0	P
Mercury	253.70		0.2	0.2	CV
Nickel	231.60		40	10.0	P
Potassium	766.49		5000	348.0	P
Selenium	196.00	BZ	5	2.0	F
Silver	328.07		10	4.0	P
Sodium	589.59		5000	43.0	P
Thallium	276.40	BZ	10	1.0	F
Vanadium	292.40		50	3.0	P
Zinc	213.86		20	4.0	P

Comments:

U.S. EPA - CLP
10
INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: New England Testing Laboratory Contract: G&H RDRA
 Lab Code: RI 010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL-19-1
 ICP ID Number: ICP1 Date: 08/26/94
 CV AA ID Number: COLEMAN-1
 Furnace AA ID Number: FURNACE-1

PAGE: 2

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		
Antimony			60		
Arsenic			10		
Barium			200		
Beryllium			5		
Cadmium			5		
Calcium			5000		
Chromium			10		
Cobalt			50		
Copper			25		
Iron			100		
Lead	220.35		3	38.0	P
Magnesium			5000		
Manganese			15		
Mercury			0.2		
Nickel			40		
Potassium			5000		
Selenium			5		
Silver			10		
Sodium			5000		
Thallium			10		
Vanadium			50		
Zinc			20		

Comments:

U.S. EPA - CLP
11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: New England Testing Laboratory Contract: G&H RDRA
 Lab Code: RI010 Case No.: E1005-02 SAS No.: _____ SDG No.: NETL-19-1
 ICP ID Number: ICP-1 Date: 08/26/94

Analyte	Wave-length (nm)	Interelement Correction Factors for:			
		Al	Ca	Fe	Mg
Aluminum	308.22				
Antimony	206.83				
Arsenic					
Barium	455.40				
Beryllium	313.04				
Cadmium	226.50				
Calcium	317.93				
Chromium	267.72				
Cobalt	228.62				
Copper	324.75				
Iron	259.94				
Lead	220.35				
Magnesium	285.21				
Manganese	257.61				
Mercury					
Nickel	231.60				
Potassium	766.49				
Selenium					
Silver	328.07				
Sodium	589.59				
Thallium					
Vanadium	292.40				
Zinc	213.86				

Comments:

U.S. EPA - CLP
11B
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: New England Testing Laboratory Contract: G&H RDRA

Lab Code: RI010 Case No.: E0907-06 SAS No.: _____ SDG No.: NETL-19-1

ICP ID Number: ICP-1 Date: 08/26/94

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		-	-	-	-	-
Aluminum	308.22					
Antimony	206.83					
Arsenic						
Barium	455.40					
Beryllium	313.04					
Cadmium	226.50					
Calcium	317.93					
Chromium	267.72					
Cobalt	228.62					
Copper	324.75					
Iron	259.94					
Lead	220.35					
Magnesium	285.21					
Manganese	257.61					
Mercury						
Nickel	231.60					
Potassium	766.49					
Selenium						
Silver	328.07					
Sodium	589.59					
Thallium						
Vanadium	292.40					
Zinc	213.86					

Comments:

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U.S. EPA - CLP
12
ICP LINEAR RANGES (QUARTERLY)

Lab Name: NEW ENGLAND TESTING LABORATORY

Contract: G&H RIFS

Lab Code: RI 010 Case No.: E1005-02

SAS No.: _____ SDG No.: NETL-19-1

ICP ID Number: ICP-1

Date: 08/29/94

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	3.00	1000000.0	P
Antimony	3.00	50000.0	P
Arsenic			
Barium	3.00	50000.0	P
Beryllium	3.00	50000.0	P
Cadmium	3.00	50000.0	P
Calcium	3.00	2500000.0	P
Chromium	3.00	50000.0	P
Cobalt	3.00	50000.0	P
Copper	3.00	50000.0	P
Iron	3.00	500000.0	P
Lead	3.00	50000.0	P
Magnesium	3.00	1000000.0	P
Manganese	3.00	50000.0	P
Mercury			
Nickel	3.00	50000.0	P
Potassium	3.00	2500000.0	P
Selenium			
Silver	3.00	5000.0	P
Sodium	3.00	1000000.0	P
Thallium			
Vanadium	3.00	50000.0	P
Zinc	3.00	50000.0	P

Comments:

D: RAW DATA

10/27/94 Retec CLP SOILS E1005-02

Al, Ba, Ca, Cu, Fe, Mg, Mn, K, Na

*** Peak Seq: 276 11:41:09 27 Oct 1994

XAp = 119 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1498679

*** Standard: 1 Rep: 1 Seq: 277 11:43:29 27 Oct 1994 ICP

No	Al3	.0000	PPM	6317	8805	8310	
				Ave. Int. =	7811	S. D. =	1317
No	Ba1	.0000	PPM	-1330	-881	221	
				Ave. Int. =	-663	S. D. =	798
No	Ca3	.0000	PPM	-447	-219	-1465	
				Ave. Int. =	-710	S. D. =	663
	Cu1	.0000	PPM	471	897	1441	
				Ave. Int. =	936	S. D. =	486
No	Fe2	.0000	PPM	826	862	-356	
				Ave. Int. =	444	S. D. =	693
No	Mg3	.0000	PPM	1154	930	1084	
				Ave. Int. =	1056	S. D. =	115
	Mn1	.0000	PPM	1680	1528	1203	
				Ave. Int. =	1470	S. D. =	244
No	K 1	.0000	PPM	1404	1150	761	
				Ave. Int. =	1105	S. D. =	324
No	Na2	.0000	PPM	1382	2275	2094	
				Ave. Int. =	1917	S. D. =	472

11:45:47 27 Oct 1994

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Protocol: CLP-1

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Line Conc. Units SD/RSD 1 2 3 4 5

*** Standard: 1 Rep: 2 Seq: 278 11:45:47 27 Oct 1994 ICP

A13	.0000	PPM	8284	8398	5763			
			Ave. Int. =	7482	S. D. =	1490		
Ba1	.0000	PPM	133	-821	-2339			
			Ave. Int. =	-1009	S. D. =	1247		
Ca3	.0000	PPM	-560	-350	-4			
			Ave. Int. =	-305	S. D. =	281		
Cu1	.0000	PPM	1658	2057	1845			
			Ave. Int. =	1853	S. D. =	200		
Fe2	.0000	PPM	350	506	-206			
			Ave. Int. =	217	S. D. =	374		
Mg3	.0000	PPM	1939	1448	2130			
			Ave. Int. =	1839	S. D. =	352		
Mn1	.0000	PPM	1458	1798	1755			
			Ave. Int. =	1670	S. D. =	185		
K 1	.0000	PPM	1106	586	926			
			Ave. Int. =	873	S. D. =	264		
Na2	.0000	PPM	2248	3591	2368			
			Ave. Int. =	2736	S. D. =	743		

*** Standard: 1 Rep: 3 Seq: 279 11:48:04 27 Oct 1994 ICP

A13	.0000	PPM	7263	7846	7659			
			Ave. Int. =	7589	S. D. =	298		
Ba1	.0000	PPM	-325	-775	-2181			
			Ave. Int. =	-1094	S. D. =	968		
Ca3	.0000	PPM	-224	-348	-434			
			Ave. Int. =	-335	S. D. =	106		
Cu1	.0000	PPM	1803	1574	1922			
			Ave. Int. =	1766	S. D. =	177		
Fe2	.0000	PPM	235	956	616			
			Ave. Int. =	602	S. D. =	361		
Mg3	.0000	PPM	2124	1660	1048			
			Ave. Int. =	1611	S. D. =	540		
Mn1	.0000	PPM	1698	1604	1144			
			Ave. Int. =	1482	S. D. =	296		
K 1	.0000	PPM	914	868	1064			
			Ave. Int. =	949	S. D. =	102		
Na2	.0000	PPM	2516	3188	1347			
			Ave. Int. =	2350	S. D. =	932		

*** Peak Seq: 280 12:00:06 27 Oct 1994

XAp = 118 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1513371

0144

Fe2	.0058	PPM	.0016	.0054	.0076	.0045
Mg3	.0218	PPM	.0008	.0226	.0210	.0218
Mn1	.0000	PPM	.0002	-.0000	.0002	-.0001
K 1	.0684	PPM	.1946	.2843	.0142	-.0934
Na2	-.0147	PPM	.0062	-.0135	-.0215	-.0092

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Protocol: CLP-1

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12:23:05 27 Oct 1994

Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Peak Seq: 287 12:23:05 27 Oct 1994

XAp = 117 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1495621

*** Check Standard: 3 Ck3 CCV Seq: 288 12:25:24 27 Oct 1994 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
A13		102.7	10.27	10.00	PPM	.0594
Ba1		106.0	10.60	10.00	PPM	.0685
Ca3		101.1	252.6	250.0	PPM	.7443
Cu1		104.2	1.303	1.250	PPM	.0058
Fe2		103.6	5.181	5.000	PPM	.0130
Mg3		100.9	252.2	250.0	PPM	.6833
Mn1		103.2	1.548	1.500	PPM	.0148
K 1		102.2	255.6	250.0	PPM	2.853
Na2		101.5	253.7	250.0	PPM	2.937

*** Sample ID: CCB 10/27/94 Seq: 289 12:33:08 27 Oct 1994 ICP

A13	.0231	PPM	.0118	.0185	.0366	.0143
Ba1	-.0000	PPM	.0004	.0003	.0001	-.0005
Ca3	.0131	PPM	.0041	.0089	.0172	.0130
Cu1	-.0006	PPM	.0020	.0017	-.0017	-.0017
Fe2	.0038	PPM	.0021	.0054	.0015	.0045
Mg3	.0153	PPM	.0013	.0166	.0141	.0153
Mn1	.0000	PPM	.0001	-.0001	.0002	.0001
K 1	-.0567	PPM	.1795	-.1565	-.1641	.1506
Na2	-.0125	PPM	.0197	-.0348	-.0051	.0024

*** Peak Seq: 290 12:41:30 27 Oct 1994

XAp = 117 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1495940

*** Sample ID: ICS A 10/27/94 Seq: 291 12:43:49 27 Oct 1994 ICP

A13	525.3	PPM	1.677	525.4	527.0	523.6
Ba1	.0244	PPM	.0003	.0248	.0242	.0244
Ca3	505.7	PPM	.6658	505.0	505.9	506.3
Cu1	.0068	PPM	.0026	.0097	.0057	.0049
Fe2	193.7	PPM	3.052	192.1	191.8	197.2
Mg3	509.6	PPM	4.211	508.4	514.2	506.0
Mn1	.0168	PPM	.0004	.0166	.0166	.0173
K 1	-.0047	PPM	.2673	.1563	-.3132	.1429
Na2	-.0147	PPM	.0062	-.0135	-.0215	-.0092

0147

12:49:59 27 Oct 1994

Folder: CLP-1E
Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Sample ID: ICS AB 10/27/94 Seq: 292 12:49:59 27 Oct 1994 ICP

Al3	517.5	PPM	1.474	515.9	518.2	518.6		
Ba1	.5385	PPM	.0048	.5410	.5416	.5330		
Ca3	499.9	PPM	1.280	500.8	500.3	498.4		
Cu1	.5279	PPM	.0024	.5267	.5306	.5264		
Fe2	195.1	PPM	.7730	194.7	196.0	194.6		
Mg3	506.7	PPM	2.010	504.5	508.3	507.4		
Mn1	.5175	PPM	.0058	.5214	.5204	.5108		
K 1	-.0539	PPM	.2701	.0270	-.3553	.1665		
Na2	.2920	PPM	.0133	.2820	.3070	.2869		

*** Peak Seq: 293 12:53:50 27 Oct 1994

XAp = 116 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1495884

*** Sample ID: CRDL X2 10/27/94 Seq: 294 12:54:29 27 Oct 1994 ICP

Cu1	.0560	PPM	.0018	.0567	.0540	.0574		
Mn1	.0381	PPM	.0004	.0377	.0384	.0382		

*** Sample ID: PRPBLKSOIL 10/27/94 Seq: 295 13:00:17 27 Oct 1994 ICP

Al3	.0576	PPM	.0128	.0441	.0594	.0694		
Ba1	.0004	PPM	.0003	.0005	.0000	.0006		
Ca3	.0425	PPM	.0015	.0408	.0437	.0430		
Cu1	-.0005	PPM	.0020	-.0028	.0003	.0009		
Fe2	.0286	PPM	.0017	.0278	.0306	.0274		
Mg3	.0217	PPM	.0012	.0221	.0227	.0204		
Mn1	.0002	PPM	.0004	-.0002	.0004	.0005		
K 1	-.2627	PPM	.2656	-.1030	-.5693	-.1157		
Na2	.0517	PPM	.0340	.0156	.0564	.0832		

E1005-02

*** Peak Seq: 296 13:04:38 27 Oct 1994

XAp = 116 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1496549

*** Sample ID: LCS 05-02 10/27/94 Seq: 297 13:06:57 27 Oct 1994 ICP

Al3	17.62	PPM	.1839	17.52	17.51	17.83		
Ba1	18.62	PPM	.0824	18.62	18.70	18.54		
Ca3	466.9	PPM	1.507	468.6	465.7	466.5		
Cu1	2.474	PPM	.0135	2.461	2.488	2.472		
Fe2	9.266	PPM	.0969	9.371	9.245	9.180		
Mg3	458.4	PPM	2.660	456.7	457.0	461.5		
Mn1	2.827	PPM	.0104	2.839	2.820	2.822		
K 1	467.1	PPM	3.169	464.3	470.5	466.5		
Na2	470.2	PPM	4.009	466.9	469.0	474.7		

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13:13:53 27 Oct 1994

Folder: CLP-1E
Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Sample ID: 05-02 A44C 10/27/94 Seq: 298 13:13:53 27 Oct 1994 ICP

MS-4C

Al3	18.51	PPM	.3745	18.08	18.66	18.78		
Ba1	.0669	PPM	.0013	.0683	.0667	.0657		
Ca3	3.805	PPM	.0155	3.791	3.801	3.822		
Cu1	.0186	PPM	.0019	.0208	.0171	.0179		
Fe2	20.59	PPM	.1596	20.42	20.63	20.73		
Mg3	4.826	PPM	.0471	4.844	4.773	4.862		
Mn1	.2149	PPM	.0007	.2147	.2143	.2158		
K 1	1.399	PPM	.1174	1.520	1.286	1.392		
Na2	.1815	PPM	.0167	.2008	.1715	.1721		

*** Peak Seq: 299 13:18:49 27 Oct 1994

XAp = 115 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1493331

*** Sample ID: 05-02 A22A 10/27/94 Seq: 300 13:21:08 27 Oct 1994 ICP

MS-2A

Al3	20.96	PPM	.2881	21.29	20.78	20.80		
Ba1	2.499	PPM	.0242	2.516	2.472	2.510		
Ca3	6.197	PPM	.0283	6.208	6.218	6.165		
Cu1	.0471	PPM	.0024	.0443	.0483	.0486		
Fe2	16.98	PPM	.1907	16.79	16.99	17.17		
Mg3	4.956	PPM	.0516	4.899	4.970	5.000		
Mn1	.2249	PPM	.0007	.2257	.2248	.2243		
K 1	1.795	PPM	.0349	1.821	1.809	1.755		
Na2	.2786	PPM	.0046	.2818	.2733	.2807		

*** Sample ID: 05-02 A22D 10/27/94 Seq: 301 13:26:48 27 Oct 1994 ICP

MS-2D

Al3	23.98	PPM	.2316	23.90	24.24	23.79		
Ba1	.0294	PPM	.0004	.0297	.0290	.0296		
Ca3	1.599	PPM	.0117	1.609	1.586	1.602		
Cu1	.0103	PPM	.0028	.0133	.0079	.0096		
Fe2	17.96	PPM	.0826	17.89	17.94	18.05		
Mg3	4.889	PPM	.0165	4.903	4.871	4.892		
Mn1	.1909	PPM	.0016	.1895	.1927	.1904		
K 1	1.354	PPM	.0305	1.320	1.379	1.362		
Na2	.3224	PPM	.0112	.3100	.3257	.3317		

13:31:17 27 Oct 1994

Folder: CLP-1E

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Protocol: CLP-1

Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Sample ID: A2-2D MS 10/27/94 Seq: 302 13:31:17 27 Oct 1994 ICP

MS-2DMS

A13	29.23	PPM	.5024	29.56	29.47	28.65		
Ba1	3.070	PPM	.0646	3.101	3.113	2.996		
Ca3	1.918	PPM	.0097	1.925	1.921	1.907		
Cu1	.3854	PPM	.0043	.3817	.3902	.3843		
Fe2	19.09	PPM	.1779	18.91	19.08	19.27		
Mg3	5.378	PPM	.0300	5.367	5.355	5.412		
Mn1	.9898	PPM	.0014	.9908	.9882	.9904		
K 1	1.714	PPM	.0521	1.774	1.676	1.694		
Na2	.3982	PPM	.0313	.3666	.4292	.3987		

*** Peak Seq: 303 13:41:14 27 Oct 1994

XAp = 115 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1498473

*** Check Standard: 3 Ck3 CCV Seq: 304 13:43:33 27 Oct 1994 ICP

Line	Flag	%Rev.	Found	True	Units	SD/RSD
A13		99.60	9.960	10.00	PPM	.0247
Ba1		99.47	9.947	10.00	PPM	.0376
Ca3		100.1	250.2	250.0	PPM	.5587
Cu1		102.2	1.278	1.250	PPM	.0075
Fe2		99.89	4.995	5.000	PPM	.0405
Mg3		99.39	248.5	250.0	PPM	2.024
Mn1		101.3	1.520	1.500	PPM	.0028
K 1		98.32	245.8	250.0	PPM	1.125
Na2		97.60	244.0	250.0	PPM	1.882

*** Sample ID: CCB 10/27/94 Seq: 305 13:49:25 27 Oct 1994 ICP

A13	.0193	PPM	.0052	.0250	.0148	.0183
Ba1	-.0000	PPM	.0006	-.0003	-.0004	.0006
Ca3	.0025	PPM	.0045	.0062	-.0026	.0039
Cu1	.0002	PPM	.0015	.0013	-.0015	.0007

0150

Mg3	.0088	PPM	.0011	.0086	.0100	.0078
Mn1	.0001	PPM	.0004	-.0003	.0004	.0004
K 1	-.0399	PPM	.1973	-.2336	.1608	-.0469
Na2	-.0421	PPM	.0176	-.0567	-.0471	-.0226

*** Peak

Seq: 306

13:52:43 27 Oct 1994

XAp = 115 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1495236

13:55:01 27 Oct 1994

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: A2-2D MSD 10/27/94 Seq: 307 13:55:01 27 Oct 1994 ICP								
A13	24.49	PPM	.1736	24.66	24.49	24.31		
Ba1	.0293	PPM	.0004	.0297	.0293	.0288		
Ca3	1.267	PPM	.0039	1.271	1.264	1.268		
Cu1	.0110	PPM	.0026	.0130	.0081	.0119		
Fe2	16.88	PPM	.0504	16.82	16.90	16.92		
Mg3	4.790	PPM	.0369	4.784	4.830	4.757		
Mn1	.1693	PPM	.0015	.1686	.1682	.1709		
K 1	.9864	PPM	.1517	1.129	1.003	.8271		
Na2	.2914	PPM	.0186	.3014	.3029	.2700		

*** Sample ID: 05-02 A11D 10/27/94 Seq: 308 13:59:43 27 Oct 1994 ICP								
A13	8.428	PPM	.0433	8.396	8.477	8.411		
Ba1	.3798	PPM	.0032	.3830	.3797	.3767		
Ca3	4.383	PPM	.0337	4.345	4.399	4.406		
Cu1	.0172	PPM	.0012	.0173	.0159	.0183		
Fe2	2.495	PPM	.0219	2.470	2.502	2.512		
Mg3	.4626	PPM	.0031	.4634	.4652	.4592		
Mn1	.0800	PPM	.0001	.0800	.0800	.0799		
K 1	.3419	PPM	.1778	.4633	.1378	.4245		
Na2	.2581	PPM	.0333	.2818	.2200	.2725		

*** Sample ID: A1-1D 5X 10/27/94 Seq: 309 14:04:51 27 Oct 1994 ICP								
A13	1.698	PPM	.0231	1.679	1.724	1.692		
Ba1	.0783	PPM	.0011	.0795	.0777	.0776		
Ca3	.9115	PPM	.0063	.9046	.9127	.9171		
Cu1	.0064	PPM	.0007	.0057	.0071	.0064		
Fe2	.5780	PPM	.0113	.5710	.5720	.5910		
Mg3	.1149	PPM	.0012	.1162	.1138	.1146		
Mn1	.0180	PPM	.0002	.0182	.0179	.0179		
K 1	-.0973	PPM	.2629	-.3967	.0091	.0958		
Na2	.0435	PPM	.0082	.0480	.0340	.0484		

0152

*** Peak

Seq: 310

14:08:47 27 Oct 1994

XAp = 115 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1477375

14:11:05 27 Oct 1994

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Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Sample ID: 05-02 A11C 10/27/94 Seq: 311 14:11:05 27 Oct 1994 ICP

A13	5.579	PPM	.0685	5.595	5.504	5.638		
Ba1	.0612	PPM	.0013	.0626	.0611	.0601		
Ca3	2.844	PPM	.0079	2.850	2.835	2.846		
Cu1	.0094	PPM	.0005	.0094	.0098	.0089		
Fe2	1.382	PPM	.0135	1.381	1.369	1.396		
Mg3	.2308	PPM	.0008	.2305	.2302	.2317		
Mn1	.0495	PPM	.0004	.0499	.0494	.0491		
K 1	.3111	PPM	.2053	.5417	.1480	.2436		
Na2	.1914	PPM	.0360	.1719	.2330	.1693		

MS-IC

*** Sample ID: PRPBLK H2O 10/27/94 Seq: 312 14:15:33 27 Oct 1994 ICP

A13	.0193	PPM	.0133	.0089	.0343	.0148		
Ba1	.0001	PPM	.0004	.0004	-.0003	.0003		
Ca3	.0043	PPM	.0010	.0036	.0055	.0039		
Cu1	.0007	PPM	.0015	.0001	-.0004	.0025		
Fe2	.0082	PPM	.0019	.0068	.0103	.0076		
Mg3	.0046	PPM	.0006	.0043	.0053	.0044		
Mn1	-.0001	PPM	.0004	.0001	-.0005	.0002		
K 1	-.3604	PPM	.3382	-.7490	-.1998	-.1323		
Na2	-.0067	PPM	.0274	.0154	-.0373	.0018		

E/005-02

*** Peak Seq: 313 14:27:45 27 Oct 1994

XAp = 114 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1476613

*** Sample ID: 05-02 FBLK 10/27/94 Seq: 314 14:30:04 27 Oct 1994 ICP

A13	.0619	PPM	.0161	.0434	.0722	.0700		
Ba1	.0021	PPM	.0003	.0023	.0017	.0021		
Ca3	.0764	PPM	.0045	.0718	.0766	.0807		
Cu1	-.0027	PPM	.0015	-.0014	-.0043	-.0024		
Fe2	.0145	PPM	.0021	.0124	.0145	.0166		
Mg3	.0064	PPM	.0005	.0059	.0069	.0063		
Mn1	.0001	PPM	.0002	-.0001	.0003	.0002		
K 1	-.2552	PPM	.1116	-.3693	-.1463	-.2502		
Na2	.0379	PPM	.0422	.0784	-.0057	.0409		

14:35:55 27 Oct 1994

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Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Sample ID: PRPBLKSOIL 10/27/94 Seq: 315 14:35:55 27 Oct 1994 ICP

Al3	.0552	PPM	.0028	.0537	.0536	.0585		
Ba1	.0001	PPM	.0002	.0002	.0002	-.0001		
Ca3	.0366	PPM	.0013	.0374	.0373	.0351		
Cu1	.0002	PPM	.0002	.0002	.0001	.0004		
Fe2	.0932	PPM	.0014	.0940	.0916	.0942		
Mg3	.0093	PPM	.0007	.0091	.0100	.0087		
Mn1	.0005	PPM	.0003	.0008	.0006	.0001		
K 1	-.1096	PPM	.1800	-.2597	.0900	-.1591		
Na2	.0504	PPM	.0170	.0653	.0319	.0539		

E1006-05

222222

*** Peak Seq: 316 14:39:54 27 Oct 1994

XAp = 114 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1482665

*** Sample ID: 06-05 LCS 10/27/94 Seq: 317 14:42:13 27 Oct 1994 ICP

Al3	17.15	PPM	.0822	17.06	17.19	17.21		
Ba1	17.96	PPM	.2106	18.21	17.82	17.87		
Ca3	459.7	PPM	1.644	458.4	459.2	461.6		
Cu1	2.394	PPM	.0096	2.398	2.402	2.383		
Fe2	8.957	PPM	.0566	8.988	8.992	8.892		
Mg3	447.0	PPM	3.156	446.4	444.2	450.4		
Mn1	2.747	PPM	.0086	2.740	2.746	2.757		
K 1	453.8	PPM	3.726	451.6	451.7	458.1		
Na2	453.4	PPM	2.107	452.6	455.8	451.8		

222222

*** Sample ID: 06-05 GRPC 10/27/94 Seq: 318 14:52:19 27 Oct 1994 ICP

Al3	24.58	PPM	.2146	24.43	24.83	24.49		
Ba1	.2561	PPM	.0010	.2566	.2550	.2566		
Ca3	6.403	PPM	.0129	6.404	6.389	6.415		
Cu1	.6468	PPM	.0045	.6519	.6452	.6433		
Fe2	93.29	PPM	.4333	92.87	93.28	93.73		
Mg3	5.454	PPM	.0627	5.443	5.521	5.397		
Mn1	.5569	PPM	.0027	.5594	.5541	.5572		
K 1	1.532	PPM	.0876	1.509	1.458	1.628		
Na2	.2181	PPM	.0094	.2133	.2289	.2120		

222222

*** Peak Seq: 319 15:13:14 27 Oct 1994

XAp = 114 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1501595

15:15:33 27 Oct 1994

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Check Standard: 3 Ck3 CCV Seq: 320 15:15:33 27 Oct 1994 ICP

Line	Flag	%Rev.	Found	True	Units	SD/RSD
A13		102.0	10.20	10.00	PPM	.0450
Ba1		100.4	10.04	10.00	PPM	.1363
Ca3		101.2	253.1	250.0	PPM	.6725
Cu1		102.9	1.286	1.250	PPM	.0046
Fe2		99.58	4.979	5.000	PPM	.0610
Mg3		100.6	251.6	250.0	PPM	1.897
Mn1		102.8	1.541	1.500	PPM	.0071
K 1		100.6	251.4	250.0	PPM	1.348
Na2		100.0	250.1	250.0	PPM	1.118

*** Sample ID: CCB 10/27/94 Seq: 321 15:22:57 27 Oct 1994 ICP

A13	.0225	PPM	.0160	.0044	.0346	.0285
Ba1	-.0001	PPM	.0001	-.0001	-.0001	.0001
Ca3	-.0008	PPM	.0025	-.0034	-.0008	.0016
Cu1	-.0003	PPM	.0014	.0010	-.0018	-.0002
Fe2	.0018	PPM	.0019	.0033	.0023	-.0004
Mg3	.0043	PPM	.0010	.0036	.0040	.0055
Mn1	.0004	PPM	.0001	.0005	.0003	.0004
K 1	-.4302	PPM	.2216	-.1871	-.6209	-.4827
Na2	-.0630	PPM	.0154	-.0796	-.0492	-.0602

*** Peak Seq: 322 15:26:37 27 Oct 1994

XAp = 114 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1524207

*** Sample ID: GRP C MS 10/27/94 Seq: 323 15:28:55 27 Oct 1994 ICP

A13	34.37	PPM	.3161	34.07	34.34	34.70
Ba1	3.441	PPM	.0236	3.459	3.450	3.415
Ca3	7.410	PPM	.0268	7.386	7.439	7.404
Cu1	.8203	PPM	.0052	.8186	.8161	.8261
Fe2	95.43	PPM	.1669	95.61	95.39	95.28
Mg3	7.819	PPM	.0657	7.770	7.894	7.793
Mn1	1.416	PPM	.0111	1.420	1.403	1.424
K 1	2.135	PPM	.1456	2.013	2.296	2.095
Na2	.3298	PPM	.0034	.3264	.3298	.3332

2222

0156

*** Sample ID: GRP C PS 10/27/94 Seq: 324 15:35:37 27 Oct 1994 ICP

Cu1 1.070 PPM .0040 1.065 1.071 1.073

*post spike
spike = 0.375 ppm*

22222 113/R

*** Peak Seq: 325 15:39:58 27 Oct 1994

XAp = 114 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1526890

15:42:17 27 Oct 1994

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: GRP C MSD 10/27/94 Seq: 326 15:42:17 27 Oct 1994 ICP								
Al3	25.64	PPM	.1754	25.84	25.52	25.56		
Ba1	.3296	PPM	.0010	.3302	.3302	.3285		
Ca3	6.433	PPM	.0273	6.462	6.430	6.408		
Cu1	.3712	PPM	.0048	.3750	.3729	.3658		
Fe2	44.09	PPM	.3697	43.91	43.85	44.52		
Mg3	6.041	PPM	.0719	6.009	6.123	5.990		
Mn1	.4272	PPM	.0013	.4257	.4276	.4283		
K 1	1.863	PPM	.1074	1.751	1.872	1.965		
Na2	.2541	PPM	.0049	.2558	.2486	.2579		

zzzzz

*** Sample ID: Q6-Q5 GRPH 10/27/94 Seq: 327 15:49:18 27 Oct 1994 ICP

Al3	46.47	PPM	.4369	46.71	46.73	45.96		
Ba1	1.051	PPM	.0086	1.061	1.044	1.049		
Ca3	9.166	PPM	.0081	9.157	9.168	9.173		
Cu1	.2407	PPM	.0013	.2398	.2403	.2422		
Fe2	126.0	PPM	.5242	125.4	126.4	126.2		
Mg3	10.16	PPM	.0983	10.09	10.12	10.27		
Mn1	1.081	PPM	.0024	1.081	1.083	1.078		
K 1	2.655	PPM	.0981	2.768	2.608	2.589		
Na2	.3476	PPM	.0139	.3635	.3418	.3376		

zzzzz

*** Peak Seq: 328 15:52:41 27 Oct 1994

XAp = 114 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1534701

*** Sample ID: GRP H 5X 10/27/94 Seq: 329 15:54:59 27 Oct 1994 ICP

Al3	9.685	PPM	.0537	9.678	9.741	9.634		
Ba1	.2220	PPM	.0042	.2268	.2190	.2203		
Ca3	1.969	PPM	.0105	1.965	1.961	1.981		
Cu1	.0501	PPM	.0017	.0486	.0519	.0499		
Fe2	26.81	PPM	.1232	26.69	26.82	26.93		
Mg3	2.142	PPM	.0113	2.155	2.133	2.138		
Mn1	.2304	PPM	.0017	.2288	.2301	.2322		
K 1	.2690	PPM	.3157	.5608	-.0660	.3124		
Na2	.1606	PPM	.0291	.1340	.1917	.1562		

zzzzz

16:01:52 27 Oct 1994

Folder: CLP-1E
Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Sample ID: 06-05 GRPX 10/27/94 Seq: 330 16:01:52 27 Oct 1994 ICP

Al3	46.43	PPM	.1679	46.58	46.25	46.47		
Ba1	1.323	PPM	.0004	1.323	1.323	1.324		
Ca3	10.75	PPM	.0292	10.77	10.72	10.76		
Cu1	.2097	PPM	.0026	.2125	.2074	.2093		
Fe2	84.40	PPM	.2591	84.40	84.66	84.14		
Mg3	12.01	PPM	.0519	12.06	11.96	12.00		
Mn1	.8378	PPM	.0030	.8369	.8411	.8354		
K 1	2.992	PPM	.2046	3.226	2.902	2.848		
Na2	.3528	PPM	.0054	.3589	.3485	.3509		

22222

*** Peak Seq: 331 16:06:53 27 Oct 1994

XAp = 114 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1526909

*** Sample ID: PRPBLK H2O 10/27/94 Seq: 332 16:09:12 27 Oct 1994 ICP

Al3	.0166	PPM	.0108	.0061	.0276	.0160		
Ba1	.0004	PPM	.0002	.0006	.0002	.0003		
Ca3	.0411	PPM	.0014	.0400	.0407	.0427		
Cu1	.0001	PPM	.0012	.0014	-.0000	-.0010		
Fe2	.0106	PPM	.0012	.0119	.0101	.0098		
Mg3	.0076	PPM	.0009	.0084	.0065	.0078		
Mn1	.0002	PPM	.0002	.0001	.0005	.0001		
K 1	-.1338	PPM	.0332	-.1368	-.0992	-.1654		
Na2	.0295	PPM	.0206	.0231	.0129	.0525		

E1006-05
22222

*** Sample ID: 06-05 FBLK 10/27/94 Seq: 333 16:14:17 27 Oct 1994 ICP

Al3	.0212	PPM	.0073	.0203	.0289	.0143		
Ba1	.0003	PPM	.0002	.0002	.0005	.0002		
Ca3	.0220	PPM	.0010	.0226	.0209	.0226		
Cu1	-.0003	PPM	.0019	.0007	.0010	-.0025		
Fe2	.0146	PPM	.0017	.0163	.0130	.0145		
Mg3	.0039	PPM	.0011	.0042	.0048	.0027		
Mn1	.0004	PPM	.0001	.0005	.0003	.0003		
K 1	-.1915	PPM	.2361	.0773	-.2865	-.3655		
Na2	-.0349	PPM	.0063	-.0339	-.0293	-.0417		

22222

16:18:57 27 Oct 1994

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Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Check Standard: 3 Ck3 CCV Seq: 334 16:18:57 27 Oct 1994 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
A13		100.9	10.09	10.00	PPM	.0702
Ba1		103.3	10.33	10.00	PPM	.1054
Ca3		99.45	248.6	250.0	PPM	1.945
Cu1		100.4	1.255	1.250	PPM	.0169
Fe2		102.8	5.142	5.000	PPM	.0603
Mg3		98.94	247.3	250.0	PPM	3.344
Mn1		100.8	1.512	1.500	PPM	.0083
K 1		97.56	243.9	250.0	PPM	2.234
Na2		99.71	249.3	250.0	PPM	1.906

*** Peak Seq: 335 16:23:03 27 Oct 1994

XAp = 114 YAp = 104 XFMT = 166 YFMT = 680 Intensity = 1528532

*** Sample ID: CCB 10/27/94 Seq: 336 16:25:22 27 Oct 1994 ICP

A13	.0163	PPM	.0143	.0176	.0014	.0299
Ba1	.0002	PPM	.0002	-.0000	.0003	.0004
Ca3	.0004	PPM	.0021	.0020	-.0020	.0012
Cu1	-.0018	PPM	.0016	-.0010	-.0008	-.0037
Fe2	.0012	PPM	.0008	.0021	.0007	.0008
Mg3	.0039	PPM	.0003	.0036	.0039	.0041
Mn1	.0010	PPM	.0001	.0011	.0008	.0010
K 1	-.2533	PPM	.1801	-.0660	-.4253	-.2686
Na2	-.0700	PPM	.0164	-.0617	-.0593	-.0889

*** Sample ID: ICS A 10/27/94 Seq: 337 16:33:17 27 Oct 1994 ICP

A13	503.4	PPM	4.319	498.6	506.9	504.8
Ba1	.0234	PPM	.0003	.0232	.0237	.0232
Ca3	503.7	PPM	1.854	503.7	501.9	505.6
Cu1	.0075	PPM	.0017	.0090	.0056	.0078
Fe2	195.9	PPM	2.852	193.8	194.8	199.1
Mg3	498.6	PPM	1.007	498.9	499.3	497.4
Mn1	.0159	PPM	.0004	.0163	.0155	.0159
K 1	-.1495	PPM	.1202	-.1068	-.2852	-.0565
Na2	.2279	PPM	.0183	.2385	.2068	.2385

*** Peak Seq: 338 16:36:05 27 Oct 1994

XOp = 114 YOp = 104 XFMT = 166 YFMT = 680 Intensity = 1528532

0160

16:38:24 27 Oct 1994

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Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: ICS AB 10/27/94 Seq: 339 16:38:24 27 Oct 1994 ICP								
Al3	504.7	PPM	9.571	500.4	498.1	515.7		
Ba1	.5309	PPM	.0052	.5359	.5313	.5255		
Ca3	508.0	PPM	4.059	510.0	503.3	510.7		
Cu1	.5087	PPM	.0092	.5193	.5033	.5035		
Fe2	191.5	PPM	.4486	191.0	191.6	191.8		
Mg3	505.3	PPM	2.619	503.9	503.7	508.3		
Mn1	.5151	PPM	.0013	.5157	.5160	.5137		
K 1	-.2627	PPM	.1944	-.1361	-.1654	-.4865		
Na2	.2729	PPM	.0244	.2512	.2681	.2993		

*** Sample ID: CRDL X2 10/27/94 Seq: 340 16:43:18 27 Oct 1994 ICP								
Cu1	.0533	PPM	.0009	.0522	.0536	.0540		
Mn1	.0368	PPM	.0004	.0369	.0372	.0364		

*** Peak Seq: 341 16:49:47 27 Oct 1994

XAp = 113 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1533337

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
*** Check Standard: 3 Ck3 CCV Seq: 342 16:52:07 27 Oct 1994 ICP						
Al3		98.86	9.886	10.00	PPM	.0904
Ba1		101.6	10.16	10.00	PPM	.0492
Ca3		102.2	255.5	250.0	PPM	2.408
Cu1		100.9	1.261	1.250	PPM	.0227
Fe2		103.0	5.150	5.000	PPM	.0442
Mg3		99.31	248.3	250.0	PPM	1.109
Mn1		100.2	1.503	1.500	PPM	.0136
K 1		96.44	241.1	250.0	PPM	2.738
Na2		98.75	246.9	250.0	PPM	.3654

0161

*** Sample ID: CCB 10/27/94 Seq: 343 16:57:52 27 Oct 1994 ICP

Al3	.0378	PPM	.0046	.0334	.0374	.0426
Ba1	.0000	PPM	.0003	-.0002	-.0001	.0003
Ca3	.0056	PPM	.0010	.0067	.0048	.0054
Cu1	-.0029	PPM	.0014	-.0023	-.0045	-.0019
Fe2	.0084	PPM	.0017	.0090	.0097	.0064
Mg3	.0117	PPM	.0003	.0120	.0116	.0114
Mn1	.0008	PPM	.0004	.0007	.0004	.0012
K 1	-.0843	PPM	.0849	-.1769	-.0660	-.0100
Na2	-.0975	PPM	.0134	-.0919	-.1128	-.0879

10/28/94 RETEC CLP SOILS E1005-02

Be, Cd, Cr, Co, Ni, Ag, V, Zn

09:01:12 28 Oct 1994

Folder: CLP-1E
Protocol: CLP-1

Page 1

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Peak				Seq: 344				09:01:12 28 Oct 1994
XAp = 122	YAp = 105		XPMT = 166	YPMT = 680		Intensity =		1239169
*** Peak				Seq: 345				09:21:19 28 Oct 1994
XAp = 123	YAp = 105		XPMT = 166	YPMT = 680		Intensity =		1289212
*** Peak				Seq: 346				09:34:47 28 Oct 1994
XAp = 123	YAp = 105		XPMT = 166	YPMT = 680		Intensity =		1480774
*** Peak				Seq: 347				09:43:18 28 Oct 1994
XAp = 123	YAp = 105		XPMT = 166	YPMT = 680		Intensity =		1472731
*** Peak				Seq: 348				09:55:56 28 Oct 1994
XAp = 122	YAp = 105		XPMT = 166	YPMT = 680		Intensity =		1329816
*** Peak				Seq: 349				09:57:15 28 Oct 1994
XAp = 122	YAp = 105		XPMT = 166	YPMT = 680		Intensity =		1486286
*** Peak				Seq: 350				10:09:05 28 Oct 1994
XAp = 122	YAp = 105		XPMT = 166	YPMT = 680		Intensity =		1325876
*** Peak				Seq: 351				10:19:09 28 Oct 1994
XAp = 122	YAp = 105		XPMT = 166	YPMT = 680		Intensity =		1317151

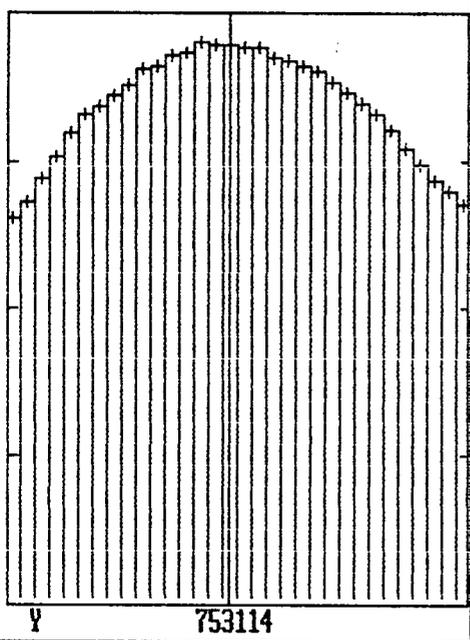
Protocol: CLP-1
Mode: Sequential Rev: 2.005 Time: 10:21:08 28 Oct 1994
Folder: CLP-1E Seq: 352 Print: On
User: Batch: 10/27/94 Id: CCB Cup:
State: Idle Xmit: Off Autosampler: Off

ICP: Operation

Mn1

peak cup = S1
peak X, Y, Both (X, Y, X)

Tip to rinse



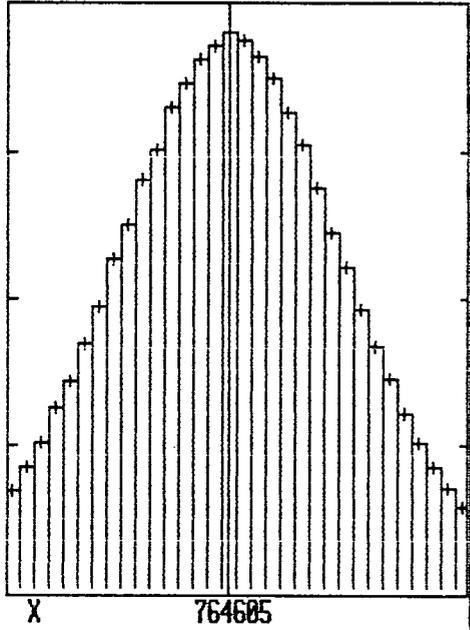
Protocol: CLP-1
Mode: Sequential Rev: 2.005 Time: 10:22:13 28 Oct 1994
Folder: CLP-1E Seq: 352 Print: On
User: Batch: 10/27/94 Id: CCB Cup:
State: Idle Xmit: Off Autosampler: Off

ICP: Operation

Mn1

peak cup = S1
peak X, Y, Both (X, Y, X)

Tip to rinse



10:53:45 28 Oct 1994

Folder: CLP-1E
Protocol: CLP-1

Page 5

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Check Standard: 2 Ck2 ICV Seq: 363 10:53:45 28 Oct 1994 ICP								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Be1		101.1	.5109	.5055	PPM	.0019		
Cd3		96.62	4.841	5.010	PPM	.0159		
Cr4		99.79	1.998	2.002	PPM	.0131		
Co1		99.85	4.997	5.005	PPM	.0251		
Ni3		100.1	8.011	8.004	PPM	.0097		
Ag1		98.86	1.977	2.000	PPM	.0252		
V 3		99.95	4.997	5.000	PPM	.0120		
Zn1		98.30	3.969	4.038	PPM	.0184		

*** Sample ID: ICB 10/28/94 Seq: 364 11:00:45 28 Oct 1994 ICP						
Be1	.0000	PPM	.0000	-.0000	.0000	.0000
Cd3	-.0014	PPM	.0015	-.0028	-.0018	.0003
Cr4	-.0012	PPM	.0008	-.0009	-.0021	-.0007
Co1	-.0021	PPM	.0016	-.0030	-.0003	-.0031
Ni3	-.0019	PPM	.0020	-.0012	-.0042	-.0004
Ag1	-.0012	PPM	.0022	-.0020	-.0030	.0013
V 3	.0005	PPM	.0021	.0000	-.0012	.0028
Zn1	.0007	PPM	.0015	.0005	.0023	-.0007

*** Peak Seq: 365 11:03:24 28 Oct 1994

XAp = 120 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1321864

*** Check Standard: 3 Ck3 CCV Seq: 366 11:05:28 28 Oct 1994 ICP						
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Be1		105.7	.2642	.2500	PPM	.0016
Cd3		104.2	2.606	2.500	PPM	.0066
Cr4		106.1	1.061	1.000	PPM	.0106
Co1		107.5	2.688	2.500	PPM	.0278
Ni3		107.1	4.282	4.000	PPM	.0239
Ag1		102.7	1.027	1.000	PPM	.0070
V 3		106.0	2.651	2.500	PPM	.0328
Zn1		104.2	2.085	2.000	PPM	.0092

*** Sample ID: CCB

10/28/94 Seq: 367

11:12:52 28 Oct 1994 ICP

Be1	-.0001	PPM	.0001	-.0000	-.0002	-.0000
Cd3	-.0006	PPM	.0032	-.0043	.0009	.0016
Cr4	-.0021	PPM	.0015	-.0026	-.0032	-.0004
Co1	-.0006	PPM	.0030	-.0032	-.0013	.0027
Ni3	.0020	PPM	.0039	-.0012	.0008	.0063
Ag1	-.0016	PPM	.0015	-.0012	-.0005	-.0033
V 3	-.0000	PPM	.0020	.0022	-.0018	-.0005
Zn1	-.0002	PPM	.0006	-.0000	.0003	-.0008

0170

11:14:18 28 Oct 1994

Folder: CLP-1E
Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Peak Seq: 368 11:14:18 28 Oct 1994

XAp = 120 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1321109

*** Sample ID: ICS A 10/28/94 Seq: 369 11:16:21 28 Oct 1994 ICP

Be1	.0000	PPM	.0000	-.0000	.0000	.0000	.0000	.0000
Cd3	.0135	PPM	.0023	.0121	.0123	.0163	.0163	.0163
Cr4	.0102	PPM	.0008	.0106	.0093	.0109	.0109	.0109
Co1	.0088	PPM	.0038	.0088	.0050	.0127	.0127	.0127
Ni3	.0063	PPM	.0029	.0070	.0089	.0031	.0031	.0031
Ag1	-.0053	PPM	.0010	-.0065	-.0046	-.0049	-.0049	-.0049
V 3	-.0012	PPM	.0017	-.0031	-.0003	-.0001	-.0001	-.0001
Zn1	.0597	PPM	.0003	.0597	.0594	.0599	.0599	.0599

*** Sample ID: ICS AB 10/28/94 Seq: 370 11:22:02 28 Oct 1994 ICP

Be1	.5391	PPM	.0047	.5446	.5361	.5368	.5368	.5368
Cd3	1.078	PPM	.0066	1.085	1.078	1.072	1.072	1.072
Cr4	.5251	PPM	.0033	.5247	.5220	.5286	.5286	.5286
Co1	.5338	PPM	.0051	.5303	.5396	.5314	.5314	.5314
Ni3	1.031	PPM	.0157	1.042	1.013	1.038	1.038	1.038
Ag1	1.047	PPM	.0025	1.044	1.048	1.049	1.049	1.049
V 3	.5148	PPM	.0030	.5182	.5126	.5135	.5135	.5135
Zn1	1.074	PPM	.0075	1.067	1.073	1.082	1.082	1.082

*** Peak Seq: 371 11:26:48 28 Oct 1994

XAp = 120 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1468125

*** Sample ID: CRDL X2 10/28/94 Seq: 372 11:28:52 28 Oct 1994 ICP

Be1	.0111	PPM	.0001	.0112	.0110	.0110	.0110	.0110
Cd3	.0126	PPM	.0025	.0098	.0144	.0136	.0136	.0136
Cr4	.0219	PPM	.0023	.0245	.0212	.0200	.0200	.0200
Co1	.1180	PPM	.0041	.1216	.1135	.1189	.1189	.1189
Ni3	.0992	PPM	.0077	.0961	.1080	.0936	.0936	.0936
Ag1	.0191	PPM	.0021	.0211	.0192	.0170	.0170	.0170
V 3	.1121	PPM	.0013	.1135	.1117	.1110	.1110	.1110
Zn1	.0436	PPM	.0031	.0406	.0468	.0433	.0433	.0433

*** Peak Seq: 373 11:39:14 28 Oct 1994

XAp = 119 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1480405

0171

11:41:18 28 Oct 1994

Folder: CLP-1E
Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Sample ID: PRPBLKSOIL 10/28/94 Seq: 374 11:41:18 28 Oct 1994 ICP

Be1	-.0000	PPM	.0000	-.0000	-.0000	-.0000		
Cd3	-.0009	PPM	.0027	-.0041	.0011	.0003		
Cr4	-.0007	PPM	.0023	-.0000	-.0032	.0013		
Co1	-.0032	PPM	.0006	-.0030	-.0039	-.0028		
Ni3	.0006	PPM	.0034	-.0032	.0034	.0016		
Ag1	-.0055	PPM	.0017	-.0052	-.0039	-.0073		
V 3	.0016	PPM	.0013	.0024	.0024	.0001		
Zn1	.0029	PPM	.0016	.0010	.0037	.0040		

E1005-02

*** Sample ID: LCS 10/28/94 Seq: 375 11:45:47 28 Oct 1994 ICP

Be1	.4950	PPM	.0020	.4973	.4937	.4939		
Cd3	4.752	PPM	.0472	4.735	4.717	4.806		
Cr4	1.958	PPM	.0169	1.959	1.975	1.941		
Co1	4.866	PPM	.0247	4.839	4.872	4.888		
Ni3	7.810	PPM	.0228	7.832	7.812	7.786		
Ag1	1.912	PPM	.0303	1.902	1.946	1.888		
V 3	4.873	PPM	.0291	4.859	4.855	4.907		
Zn1	3.820	PPM	.0259	3.846	3.794	3.820		

E1005-02

*** Sample ID: 05-02 A44C 10/28/94 Seq: 376 11:51:34 28 Oct 1994 ICP

MS-4C

Be1	.0008	PPM	.0000	.0008	.0009	.0008		
Cd3	.0009	PPM	.0020	-.0013	.0027	.0012		
Cr4	.1158	PPM	.0007	.1150	.1164	.1160		
Co1	.0113	PPM	.0005	.0115	.0117	.0108		
Ni3	.0322	PPM	.0045	.0277	.0366	.0323		
Ag1	-.0030	PPM	.0030	-.0058	.0003	-.0035		
V 3	.0354	PPM	.0009	.0352	.0365	.0346		
Zn1	.1718	PPM	.0020	.1703	.1742	.1711		

*** Peak Seq: 377 11:55:18 28 Oct 1994

XAp = 119 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1505963

*** Sample ID: 05-02 A22A 10/28/94 Seq: 378 11:57:22 28 Oct 1994 ICP

MS-2A

Be1	.0008	PPM	.0000	.0008	.0008	.0009		
Cd3	.0011	PPM	.0007	.0019	.0012	.0004		
Cr4	3.032	PPM	.0046	3.026	3.035	3.033		
Co1	.0085	PPM	.0034	.0117	.0050	.0089		
Ni3	.0322	PPM	.0030	.0322	.0322	.0322		

01.72

Hg1	-.0029	PPM	.0034	.0001	-.0020	-.0066
V 3	.0295	PPM	.0019	.0274	.0305	.0307
Zn1	2.283	PPM	.0250	2.310	2.260	2.279

12:02:31 28 Oct 1994

Folder: CLP-1E
Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Sample ID: 05-02 A22D 10/28/94 Seq: 379 12:02:31 28 Oct 1994 ICP

MS-2D

Be1	.0009	PPM	.0000	.0009	.0009	.0009		
Cd3	.0015	PPM	.0006	.0022	.0013	.0010		
Cr4	.0325	PPM	.0013	.0324	.0313	.0338		
✓ Co1	.0070	PPM	.0030	.0105	.0056	.0050		
Ni3	.0280	PPM	.0045	.0300	.0229	.0311		
Ag1	-.0061	PPM	.0029	-.0034	-.0056	-.0091		
V 3	.0327	PPM	.0005	.0332	.0323	.0327		
Zn1	.0626	PPM	.0019	.0617	.0612	.0648		

*** Sample ID: A2-2D MS 10/28/94 Seq: 380 12:07:06 28 Oct 1994 ICP

MS-2D MS

Be1	.0829	PPM	.0003	.0832	.0828	.0826		
Cd3	.0839	PPM	.0014	.0830	.0832	.0856		
Cr4	.3621	PPM	.0021	.3616	.3644	.3603		
✓ Co1	.8193	PPM	.0107	.8128	.8317	.8135		
Ni3	.8571	PPM	.0041	.8570	.8613	.8531		
Ag1	.0721	PPM	.0034	.0703	.0700	.0761		
V 3	.8415	PPM	.0024	.8392	.8412	.8441		
Zn1	.8075	PPM	.0047	.8126	.8035	.8063		

*** Peak Seq: 381 12:11:19 28 Oct 1994

XAp = 118 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1499681

*** Check Standard: 3 Ck3 CCV Seq: 382 12:13:22 28 Oct 1994 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Be1		107.3	.2682	.2500	PPM	.0012
Cd3		105.2	2.630	2.500	PPM	.0132
Cr4		108.4	1.084	1.000	PPM	.0078
Co1		109.1	2.727	2.500	PPM	.0102
Ni3		109.8	4.391	4.000	PPM	.0295
Ag1		103.9	1.039	1.000	PPM	.0074
V 3		109.0	2.725	2.500	PPM	.0104
Zn1		105.0	2.101	2.000	PPM	.0125

0173

*** Sample ID: CCB

10/28/94 Seq: 383 12:18:39 28 Oct 1994 ICP

Be1	-.0001	PPM	.0001	-.0001	-.0000	-.0001
Cd3	.0002	PPM	.0006	.0008	.0004	-.0005
Cr4	.0002	PPM	.0014	-.0000	.0018	-.0011
Co1	-.0016	PPM	.0031	-.0032	.0019	-.0037
Ni3	-.0018	PPM	.0027	.0010	-.0022	-.0043
Ag1	-.0061	PPM	.0032	-.0029	-.0093	-.0061
V 3	.0007	PPM	.0017	-.0010	.0024	.0007
Zn1	.0015	PPM	.0017	-.0000	.0011	.0033

12:27:11 28 Oct 1994

Folder: CLP-1E
Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Peak Seq: 384 12:27:11 28 Oct 1994

XAp = 118 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1501188

*** Sample ID: A2-2D MSD 10/28/94 Seq: 385 12:29:14 28 Oct 1994 ICP

MS-2D MSD

Be1	.0008	PPM	.0001	.0009	.0008	.0008
Cd3	.0023	PPM	.0014	.0039	.0017	.0012
Cr4	.0310	PPM	.0026	.0299	.0291	.0340
Co1	.0101	PPM	.0014	.0095	.0090	.0117
Ni3	.0270	PPM	.0036	.0300	.0230	.0281
Ag1	-.0016	PPM	.0024	-.0008	.0002	-.0044
V 3	.0290	PPM	.0027	.0266	.0286	.0319
Zn1	.0622	PPM	.0017	.0605	.0638	.0623

*** Sample ID: 05-02 A11D 10/28/94 Seq: 386 12:33:16 28 Oct 1994 ICP

MS-1D

Be1	.0006	PPM	.0001	.0007	.0005	.0006
Cd3	-.0003	PPM	.0021	-.0019	-.0010	.0021
Cr4	.4130	PPM	.0013	.4122	.4145	.4125
Co1	.0037	PPM	.0092	-.0046	.0135	.0021
Ni3	.0076	PPM	.0048	.0130	.0061	.0037
Ag1	-.0035	PPM	.0010	-.0040	-.0023	-.0041
V 3	.0074	PPM	.0005	.0069	.0079	.0074
Zn1	1.600	PPM	.0025	1.598	1.603	1.599

*** Sample ID: A1-1D 5X 10/28/94 Seq: 387 12:38:19 28 Oct 1994 ICP

MS-1D

Be1	.0008	PPM	.0001	.0007	.0009	.0007
Cd3	-.0004	PPM	.0015	.0014	-.0016	-.0009
Cr4	.0950	PPM	.0015	.0944	.0939	.0967
Co1	.0004	PPM	.0033	-.0018	-.0012	.0042
Ni3	.0122	PPM	.0020	.0118	.0144	.0104
Ag1	-.0030	PPM	.0022	-.0007	-.0051	-.0033
V 3	.0018	PPM	.0001	.0017	.0019	.0017
Zn1	.3251	PPM	.0029	.3250	.3223	.3280

*** Peak

Seq: 388

12:41:07 28 Oct 1994

XAp = 118 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1484361

12:43:11 28 Oct 1994

Folder: CLP-1E

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Protocol: CLP-1

Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Sample ID: 05-02 A11C 10/28/94 Seq: 389 12:43:11 28 Oct 1994 ICP

MS-IC

Be1	.0003	PPM	.0001	.0003	.0004	.0002		
Cd3	-.0012	PPM	.0011	-.0018	.0000	-.0019		
Cr4	.1427	PPM	.0006	.1427	.1433	.1422		
Co1	.0014	PPM	.0013	.0008	.0029	.0005		
Ni3	.0118	PPM	.0054	.0160	.0058	.0137		
Ag1	-.0044	PPM	.0040	-.0014	-.0089	-.0029		
V 3	.0032	PPM	.0017	.0050	.0018	.0027		
Zn1	.9664	PPM	.0117	.9691	.9765	.9536		

*** Sample ID: PRPBLK H2O 10/28/94 Seq: 390 12:50:29 28 Oct 1994 ICP

PBWoj

Be1	-.0001	PPM	.0001	.0000	-.0001	-.0002		
Cd3	-.0018	PPM	.0008	-.0026	-.0016	-.0011		
Cr4	-.0010	PPM	.0018	-.0028	-.0009	.0008		
Co1	.0028	PPM	.0019	.0033	.0008	.0044		
Ni3	.0045	PPM	.0010	.0036	.0045	.0055		
Ag1	-.0056	PPM	.0027	-.0029	-.0083	-.0057		
V 3	.0009	PPM	.0014	.0000	.0002	.0025		
Zn1	.0005	PPM	.0010	.0016	.0005	-.0004		

E:005-02

*** Peak

Seq: 391

12:53:45 28 Oct 1994

XAp = 117 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1504554

*** Sample ID: 05-02 FBLK 10/28/94 Seq: 392 12:55:49 28 Oct 1994 ICP

Be1	-.0000	PPM	.0000	-.0001	.0000	-.0000		
Cd3	-.0002	PPM	.0025	-.0011	.0027	-.0021		
Cr4	.0012	PPM	.0010	.0021	.0002	.0015		
Co1	-.0006	PPM	.0039	.0039	-.0022	-.0034		
Ni3	-.0029	PPM	.0010	-.0038	-.0018	-.0031		
Ag1	-.0020	PPM	.0005	-.0024	-.0022	-.0015		
V 3	.0004	PPM	.0005	.0009	.0004	-.0002		
Zn1	.0074	PPM	.0005	.0078	.0076	.0069		

*** Sample ID: PRPBLKSOIL 10/28/94 Seq: 393 13:00:23 28 Oct 1994 ICP

Be1	-.0001	PPM	.0000	-.0001	-.0001	-.0001		
Cd3	-.0011	PPM	.0016	-.0009	.0003	-.0028		
Cr4	-.0008	PPM	.0007	-.0003	-.0016	-.0005		
Co1	-.0013	PPM	.0035	.0013	-.0052	.0000		
Ni3	-.0032	PPM	.0011	-.0022	-.0031	-.0044		
Ag1	-.0051	PPM	.0036	-.0045	-.0018	-.0090		
V 3	.0008	PPM	.0010	.0018	-.0001	.0007		
Zn1	.0025	PPM	.0010	.0015	.0028	.0033		

E1006-05

227222

0176

13:05:29 28 Oct 1994

Folder: CLP-1E
Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Sample ID: LCS 06-05 10/28/94 Seq: 394 13:05:29 28 Oct 1994 ICP

Be1	.4463	PPM	.0045	.4497	.4412	.4479		
Cd3	4.499	PPM	.0387	4.511	4.455	4.530		
Cr4	1.832	PPM	.0125	1.842	1.837	1.818		
Co1	4.544	PPM	.0482	4.540	4.595	4.499		
Ni3	7.312	PPM	.0572	7.378	7.276	7.283		
Ag1	1.721	PPM	.0098	1.710	1.730	1.723		
V 3	4.484	PPM	.0120	4.485	4.472	4.496		
Zn1	3.504	PPM	.0387	3.546	3.497	3.469		

22222

*** Peak Seq: 395 13:08:38 28 Oct 1994

XAp = 117 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1510081

*** Sample ID: 06-05 GRPC 10/28/94 Seq: 396 13:10:42 28 Oct 1994 ICP

Be1	.0009	PPM	.0001	.0009	.0008	.0009		
Cd3	.0126	PPM	.0022	.0146	.0127	.0103		
Cr4	.1892	PPM	.0031	.1859	.1920	.1899		
Co1	.0146	PPM	.0010	.0138	.0157	.0144		
Ni3	.0541	PPM	.0059	.0493	.0606	.0523		
Ag1	.0016	PPM	.0007	.0009	.0016	.0023		
V 3	.0503	PPM	.0004	.0502	.0500	.0508		
Zn1	.6328	PPM	.0052	.6356	.6268	.6359		

22222

*** Check Standard: 3 Ck3 CCV Seq: 397 13:20:11 28 Oct 1994 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Be1		99.21	.2480	.2500	PPM	.0017
Cd3		102.6	2.566	2.500	PPM	.0140
Cr4		101.5	1.015	1.000	PPM	.0118
Co1		104.1	2.604	2.500	PPM	.0026
Ni3		102.7	4.109	4.000	PPM	.0064
Ag1		93.71	.9371	1.000	PPM	.0105
V 3		102.1	2.553	2.500	PPM	.0166
Zn1		97.46	1.949	2.000	PPM	.0281

22222

*** Peak Seq: 398 13:25:23 28 Oct 1994

XAp = 117 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1491286

0177

13:27:27 28 Oct 1994

Folder: CLP-1E
Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Sample ID: CCB 10/28/94 Seq: 399 13:27:27 28 Oct 1994 ICP

Be1	-.0001	PPM	.0000	-.0001	-.0001	-.0002		
Cd3	-.0004	PPM	.0015	-.0003	-.0020	.0010		
Cr4	-.0009	PPM	.0015	.0004	-.0026	-.0006		
Co1	-.0002	PPM	.0071	-.0066	.0074	-.0013		
Ni3	.0002	PPM	.0022	.0027	-.0007	-.0014		
Ag1	-.0072	PPM	.0041	-.0032	-.0071	-.0114		
V 3	.0007	PPM	.0026	.0036	.0002	-.0015		
Zn1	.0011	PPM	.0010	.0013	.0000	.0020		

*** Sample ID: GRP C MS 10/28/94 Seq: 400 13:37:37 28 Oct 1994 ICP

Be1	.0782	PPM	.0006	.0785	.0786	.0775		
Cd3	.0956	PPM	.0015	.0971	.0957	.0940		
Cr4	.6268	PPM	.0040	.6312	.6233	.6259		
Co1	.8056	PPM	.0027	.8048	.8086	.8034		
Ni3	.8741	PPM	.0142	.8773	.8585	.8865		
Ag1	.0698	PPM	.0014	.0688	.0714	.0693		
V 3	.8365	PPM	.0056	.8312	.8423	.8360		
Zn1	1.468	PPM	.0193	1.485	1.472	1.447		

22222

*** Peak Seq: 401 13:42:54 28 Oct 1994

XAp = 116 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1517157

*** Sample ID: GRP C PS 10/28/94 Seq: 402 13:43:19 28 Oct 1994 ICP

Cr4	.5355	PPM	.0025	.5384	.5347	.5335		
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*post spike
spike = 0.30 ppm
115% R*

22222

0178

*** Sample ID: GRP C MSD 10/28/94 Seq: 403 13:49:47 28 Oct 1994 ICP

Be1	.0009	PPM	.0000	.0009	.0009	.0009		
Cd3	.0089	PPM	.0012	.0076	.0098	.0094		

77222

Co1	.0130	PPM	.0030	.0118	.0164	.0107
Ni3	.0438	PPM	.0057	.0472	.0471	.0373
Ag1	-.0012	PPM	.0005	-.0010	-.0009	-.0019
V 3	.0514	PPM	.0009	.0524	.0508	.0509
Zn1	.5623	PPM	.0076	.5685	.5646	.5538

*** Peak

Seq: 404 13:56:29 28 Oct 1994

XAp = 116 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1525175

13:58:32 28 Oct 1994

Folder: CLP-1E
Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Sample ID: 06-05 GRPH 10/28/94 Seq: 405 13:58:32 28 Oct 1994 ICP

Be1	.0020	PPM	.0000	.0020	.0019	.0020		
Cd3	.0330	PPM	.0011	.0320	.0342	.0327		
Cr4	2.332	PPM	.0286	2.338	2.358	2.301		
Co1	.0366	PPM	.0020	.0375	.0380	.0344		
Ni3	.1009	PPM	.0087	.0912	.1079	.1037		
Ag1	.0020	PPM	.0030	.0041	-.0014	.0034		
V 3	.1308	PPM	.0027	.1333	.1312	.1278		
Zn1	1.411	PPM	.0049	1.415	1.406	1.413		

22222

*** Sample ID: GRP H 5X 10/28/94 Seq: 406 14:04:07 28 Oct 1994 ICP

Be1	.0004	PPM	.0000	.0004	.0004	.0004		
Cd3	.0055	PPM	.0015	.0073	.0047	.0046		
Cr4	.4797	PPM	.0016	.4805	.4807	.4778		
Co1	.0066	PPM	.0007	.0073	.0059	.0066		
Ni3	.0270	PPM	.0045	.0265	.0317	.0227		
Ag1	-.0016	PPM	.0039	.0022	-.0056	-.0014		
V 3	.0255	PPM	.0016	.0240	.0254	.0271		
Zn1	.3007	PPM	.0041	.2996	.3052	.2973		

22222

*** Peak Seq: 407 14:10:04 28 Oct 1994

XAp = 115 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1514497

*** Sample ID: 06-05 GRPX 10/28/94 Seq: 408 14:12:08 28 Oct 1994 ICP

Be1	.0020	PPM	.0001	.0021	.0019	.0020		
Cd3	.0196	PPM	.0013	.0186	.0191	.0211		
Cr4	4.324	PPM	.0311	4.347	4.336	4.289		
Co1	.0314	PPM	.0046	.0366	.0278	.0297		
Ni3	.0695	PPM	.0049	.0648	.0746	.0689		
Ag1	.0067	PPM	.0041	.0022	.0103	.0075		
V 3	.1209	PPM	.0006	.1202	.1214	.1210		
Zn1	1.479	PPM	.0095	1.490	1.475	1.473		

22222

*** Sample ID: PRPBLK H2O 10/28/94 Seq: 409 14:16:58 28 Oct 1994 ICP

Be1	-.0000	PPM	.0000	-.0000	-.0001	.0000		
Cd3	-.0001	PPM	.0019	.0008	-.0023	.0011		
Cr4	-.0014	PPM	.0003	-.0011	-.0016	-.0016		
Co1	-.0058	PPM	.0029	-.0062	-.0027	-.0085		
Ni3	-.0005	PPM	.0015	.0002	.0011	.0002		

E1006-05 **0180**

Ag1 -.0042 PPM .0046 -.0023 -.0009 -.0094
 V 3 -.0003 PPM .0012 -.0008 .0011 -.0011
 Zn1 .0026 PPM .0011 .0018 .0039 .0022

22222

14:22:29 28 Oct 1994 Folder: CLP-1E Page 14
 Protocol: CLP-1

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: 06-05 FBLK 10/28/94 Seq: 410 14:22:29 28 Oct 1994 ICP

Be1 -.0001 PPM .0001 .0000 -.0001 -.0001
 Cd3 -.0014 PPM .0010 -.0018 -.0003 -.0023
 Cr4 .0002 PPM .0009 -.0004 -.0003 .0013
 Co1 .0001 PPM .0036 -.0006 .0040 -.0031
 Ni3 -.0031 PPM .0082 -.0028 .0050 -.0115
 Ag1 -.0046 PPM .0015 -.0032 -.0045 -.0062
 V 3 .0012 PPM .0019 -.0007 .0010 .0032
 Zn1 .0031 PPM .0013 .0046 .0024 .0023

22222

*** Peak Seq: 411 14:25:41 28 Oct 1994

XAp = 115 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1508836

*** Check Standard: 3 Ck3 CCV Seq: 412 14:27:45 28 Oct 1994 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Be1		97.83	.2446	.2500	PPM	.0020
Cd3		100.9	2.523	2.500	PPM	.0102
Cr4		101.3	1.013	1.000	PPM	.0093
Co1		102.6	2.565	2.500	PPM	.0037
Ni3		102.0	4.079	4.000	PPM	.0684
Ag1		93.51	.9351	1.000	PPM	.0067
V 3		101.7	2.543	2.500	PPM	.0338
Zn1		96.53	1.931	2.000	PPM	.0255

*** Sample ID: CCB 10/28/94 Seq: 413 14:34:04 28 Oct 1994 ICP

Be1 -.0000 PPM .0000 -.0000 -.0000 -.0000
 Cd3 -.0005 PPM .0013 -.0003 .0006 -.0020
 Cr4 -.0005 PPM .0008 -.0013 .0002 -.0004
 Co1 .0029 PPM .0060 .0066 .0061 -.0041
 Ni3 -.0031 PPM .0012 -.0044 -.0025 -.0024
 Ag1 -.0062 PPM .0020 -.0048 -.0085 -.0052
 V 3 -.0003 PPM .0016 -.0006 -.0018 .0014
 Zn1 .0026 PPM .0004 .0021 .0030 .0026

*** Peak Seq: 414 14:37:23 28 Oct 1994

XAp = 115 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1533296

0181

14:58:17 28 Oct 1994

Folder: CLP-1E
Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Check Standard: 3 Ck3 CCV Seq: 420 14:58:17 28 Oct 1994 ICP								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Be1		94.38	.2360	.2500	PPM	.0019		
Cd3		100.7	2.517	2.500	PPM	.0045		
Cr4		102.1	1.021	1.000	PPM	.0041		
Co1		102.5	2.562	2.500	PPM	.0383		
Ni3		102.2	4.090	4.000	PPM	.0871		
Ag1		92.58	.9258	1.000	PPM	.0120		
V 3		100.8	2.521	2.500	PPM	.0229		
Zn1		94.74	1.895	2.000	PPM	.0308		

*** Sample ID: CCB 10/28/94 Seq: 421 15:03:58 28 Oct 1994 ICP						
Be1	.0000	PPM	.0001	.0001	-.0001	.0000
Cd3	-.0024	PPM	.0020	-.0009	-.0017	-.0047
Cr4	-.0009	PPM	.0003	-.0010	-.0006	-.0011
Co1	-.0028	PPM	.0015	-.0022	-.0046	-.0016
Ni3	-.0073	PPM	.0025	-.0102	-.0054	-.0064
Ag1	-.0040	PPM	.0007	-.0032	-.0046	-.0043
V 3	-.0002	PPM	.0007	-.0009	-.0000	.0004
Zn1	.0025	PPM	.0010	.0013	.0030	.0032

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*** Peak                               Seq: 756      17:03:59 07 Oct 1994
XAp = 114  YAp = 103  XPMT = 166  YPMT = 680  Intensity = 1491031

*** Standard: 1 Rep: 1                 Seq: 757      17:04:38 07 Oct 1994 ICP
Pb1  .0000  PPM          -3475    -5527    -3659
      Ave. Int. =      -4220 S. D. =      1135

*** Standard: 1 Rep: 2                 Seq: 758      17:05:13 07 Oct 1994 ICP
Pb1  .0000  PPM          -4437    -4187    -4487
      Ave. Int. =      -4370 S. D. =      161

*** Standard: 1 Rep: 3                 Seq: 759      17:05:48 07 Oct 1994 ICP
Pb1  .0000  PPM          -1707    -2613     421
      Ave. Int. =      -1300 S. D. =      1557

*** Standard: 2 Rep: 1                 Seq: 760      17:07:44 07 Oct 1994 ICP
Pb1  5.000  PPM          731672   727348   722828
      Ave. Int. =      727283 S. D. =      4422

*** Standard: 2 Rep: 2                 Seq: 761      17:08:19 07 Oct 1994 ICP
Pb1  5.000  PPM          749174   748556   744536
      Ave. Int. =      747422 S. D. =      2518

*** Standard: 2 Rep: 3                 Seq: 762      17:08:54 07 Oct 1994 ICP
Pb1  5.000  PPM          757702   736305   742564
      Ave. Int. =      745524 S. D. =      11001

*** Check Standard: 2 Ck2 ICV         Seq: 764      17:12:20 07 Oct 1994 ICP
Line Flag %Rcv. Found True Units SD/RSD
Pb1      97.59  4.880  5.000 PPM      .0175

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17:15:04 07 Oct 1994

Folder: CLP-1D
Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Peak				Seq: 765				17:15:04 07 Oct 1994
XAp = 114	YAp = 104		XPMT = 166	YPMT = 680	Intensity =			1521152
*** Sample ID: ICB			10/7/94	Seq: 766				17:15:44 07 Oct 1994 ICP
Pb1	-.0023	PPM	.0130	-.0156	-.0018	.0104		
*** Check Standard: 3	Ck3	CCV		Seq: 767				17:18:05 07 Oct 1994 ICP
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Pb1		101.1	2.527	2.500	PPM	.0169		
*** Sample ID: CCB			10/7/94	Seq: 768				17:20:47 07 Oct 1994 ICP
Pb1	.0100	PPM	.0052	.0047	.0150	.0104		
*** Sample ID: ICS A			10/7/94	Seq: 769				17:24:07 07 Oct 1994 ICP
Pb1	-.0654	PPM	.0275	-.0492	-.0972	-.0499		
*** Peak				Seq: 770				17:26:45 07 Oct 1994
XAp = 114	YAp = 104		XPMT = 166	YPMT = 680	Intensity =			1513671
*** Sample ID: ICS AB			10/7/94	Seq: 771				17:27:26 07 Oct 1994 ICP
Pb1	.8462	PPM	.0290	.8692	.8558	.8136		
*** Sample ID: IDL X2			10/7/94	Seq: 772				17:31:29 07 Oct 1994 ICP
Pb1	.0923	PPM	.0140	.1073	.0795	.0902		
*** Sample ID: PRPBLKSOIL			10/7/94	Seq: 773				17:36:39 07 Oct 1994 ICP
Pb1	-.0001	PPM	.0149	-.0010	-.0144	.0152		
*** Peak				Seq: 774				17:39:10 07 Oct 1994
XAp = 114	YAp = 104		XPMT = 166	YPMT = 680	Intensity =			1522990
*** Sample ID: LCS			10/7/94	Seq: 775				17:39:50 07 Oct 1994 ICP
Pb1	4.186	PPM	.0332	4.222	4.178	4.158		

83.7%R

0185

MS-4A
 *** Sample ID: A4-4A 10/7/94 Seq: 776 17:46:20 07 Oct 1994 ICP
 Pb1 .0208 PPM .0090 .0128 .0305 .0191

17:50:09 07 Oct 1994 Folder: CLP-1D Page 8
 Protocol: CLP-1

Line	Conc.	Units	SD/RSD	1	2	3	4	5
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MS-4B
 *** Sample ID: A4-4B 10/7/94 Seq: 777 17:50:09 07 Oct 1994 ICP
 Pb1 -.0026 PPM .0155 -.0165 .0142 -.0055

*** Peak Seq: 778 17:52:18 07 Oct 1994

XAp = 114 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1524437

MS-4C
 *** Sample ID: A4-4C 10/7/94 Seq: 779 17:52:59 07 Oct 1994 ICP
 Pb1 .0370 PPM .0078 .0280 .0420 .0410

*** Peak Seq: 780 18:03:28 07 Oct 1994

XAp = 114 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1531381

MS-2A
 *** Sample ID: A2-2A 10/7/94 Seq: 781 18:04:08 07 Oct 1994 ICP
 Pb1 .0409 PPM .0242 .0623 .0146 .0458

*** Check Standard: 3 Ck3 CCV Seq: 782 18:07:23 07 Oct 1994 ICP
 Line Flag %Rcv. Found True Units SD/RSD
 Pb1 101.2 2.530 2.500 PPM .0237

*** Sample ID: CCB 10/7/94 Seq: 783 18:11:47 07 Oct 1994 ICP
 Pb1 .0201 PPM .0185 .0336 .0277 -.0010

*** Peak Seq: 784 18:15:26 07 Oct 1994

XAp = 114 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1534217

MS-2B
 *** Sample ID: A2-2B 10/7/94 Seq: 785 18:16:07 07 Oct 1994 ICP
 Pb1 .0125 PPM .0295 .0271 -.0214 .0319

MS-2C
 *** Sample ID: A2-2C 10/7/94 Seq: 786 18:20:08 07 Oct 1994 ICP
 Pb1 .0052 PPM .0047 .0002 .0096 .0058

MS-2D
 *** Sample ID: A2-2D 10/7/94 Seq: 787 18:23:37 07 Oct 1994 ICP
 Pb1 .0246 PPM .0316 .0547 -.0084 .0274

*** Peak Seq: 788 18:27:32 07 Oct 1994

XAp = 114 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1534505

18:28:13 07 Oct 1994

Folder: CLP-1D
Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
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MS-2DMS
 *** Sample ID: A2-2D MS 10/7/94 Seq: 789 18:28:13 07 Oct 1994 ICP

Pb1	.7464	PPM	.0111	.7381	.7590	.7421		
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99.5% R

MS-2DMSD
 *** Sample ID: A2-2D MSD 10/7/94 Seq: 790 18:31:06 07 Oct 1994 ICP

Pb1	.0231	PPM	.0265	.0532	.0034	.0128		
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MS-2E
 *** Sample ID: A2-2E 10/7/94 Seq: 791 18:37:21 07 Oct 1994 ICP

Pb1	1.279	PPM	.0182	1.259	1.295	1.283		
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*** Peak Seq: 792 18:41:18 07 Oct 1994

XAp = 114 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1548538

MS-2EL
 *** Sample ID: A2-2E 5X 10/7/94 Seq: 793 18:41:58 07 Oct 1994 ICP

Pb1	.2824	PPM	.0298	.2791	.2544	.3137		<i>1.412</i>
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MS-1A
 *** Sample ID: A1-1A 10/7/94 Seq: 794 18:44:37 07 Oct 1994 ICP

Pb1	.0245	PPM	.0162	.0092	.0415	.0229		
-----	-------	-----	-------	-------	-------	-------	--	--

MS-1B
 *** Sample ID: A1-1B 10/7/94 Seq: 795 18:48:15 07 Oct 1994 ICP

Pb1	.0493	PPM	.0118	.0626	.0400	.0452		
-----	-------	-----	-------	-------	-------	-------	--	--

*** Check Standard: 3 Ck3 CCV Seq: 796 18:51:28 07 Oct 1994 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Pb1		101.0	2.526	2.500	PPM	.0072

*** Peak Seq: 797 18:54:28 07 Oct 1994

XAp = 114 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1544489

0187

*** Sample ID: CCB 10/7/94 Seq: 798 18:55:08 07 Oct 1994 ICP

Pb1 .0094 PPM .0237 .0126 -.0158 .0313

MS-ID
*** Sample ID: A1-1D 10/7/94 Seq: 799 18:59:13 07 Oct 1994 ICP

Pb1 .0108 PPM .0091 .0059 .0213 .0053

MS-IDL
*** Sample ID: A1-1D 5X 10/7/94 Seq: 800 19:01:35 07 Oct 1994 ICP

Pb1 .0280 PPM .0069 .0221 .0355 .0265

19:05:12 07 Oct 1994

Folder: CLP-1D
Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
<i>MS-IC</i>								
*** Sample ID:	A1-1C		10/7/94	Seq: 801	19:05:12	07 Oct 1994	ICP	
Pb1	.0316	PPM	.0251	.0166	.0176	.0606		
*** Peak				Seq: 802	19:09:00	07 Oct 1994		
XAp = 114	YAp = 104	XPMT = 166	YPMT = 680	Intensity =	1532103			
*** Sample ID:	PRPBLK H2O		10/7/94	Seq: 803	19:09:41	07 Oct 1994	ICP	
Pb1	.0060	PPM	.0023	.0062	.0037	.0082		
*** Sample ID:	FIELD BLK		10/7/94	Seq: 804	19:13:14	07 Oct 1994	ICP	
Pb1	.0091	PPM	.0170	.0279	-.0053	.0046		
*** Sample ID:	ICS A		10/7/94	Seq: 805	19:16:45	07 Oct 1994	ICP	
Pb1	-.0921	PPM	.0209	-.0969	-.1102	-.0693		
*** Peak				Seq: 806	19:19:29	07 Oct 1994		
XAp = 114	YAp = 104	XPMT = 166	YPMT = 680	Intensity =	1536169			
*** Sample ID:	ICS AB		10/7/94	Seq: 807	19:20:09	07 Oct 1994	ICP	
Pb1	.8264	PPM	.0394	.7920	.8177	.8694		
*** Sample ID:	IDL X2		10/7/94	Seq: 808	19:24:43	07 Oct 1994	ICP	
Pb1	.0968	PPM	.0163	.0978	.1125	.0800		
*** Check Standard:	3 Ck3 CCV			Seq: 809	19:27:58	07 Oct 1994	ICP	
Line Flag	%Rcv.	Found	True	Units	SD/RSD			
Pb1	100.8	2.520	2.500	PPM	.0206			
*** Peak				Seq: 810	19:31:24	07 Oct 1994		
XAp = 114	YAp = 104	XPMT = 166	YPMT = 680	Intensity =	1533223			
*** Sample ID:	CCB		10/7/94	Seq: 811	19:32:05	07 Oct 1994	ICP	
Pb1	-.0016	PPM	.0133	-.0137	.0127	-.0040		

*** Peak

Seq: 81

13:25:41 15 Oct 1994

XAp = 117 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1534381

13:37:28 15 Oct 1994

Folder: CLP-1E
Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: ICB 10/15/94 Seq: 90 13:37:28 15 Oct 1994 ICP								
Pb1	-.0187	PPM	.0152	-.0362	-.0097	-.0102		
*** Check Standard: 3 Ck3 CCV Seq: 91 13:40:16 15 Oct 1994 ICP								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Pb1		98.40	2.460	2.500	PPM	.0232		
*** Sample ID: CCB 10/15/94 Seq: 92 13:43:20 15 Oct 1994 ICP								
Pb1	-.0033	PPM	.0358	.0014	.0300	-.0411		
*** Sample ID: ICS A 10/15/94 Seq: 93 13:45:39 15 Oct 1994 ICP								
Pb1	-.1028	PPM	.0538	-.1077	-.1541	-.0467		
*** Peak Seq: 94 13:47:45 15 Oct 1994								
XAp	= 117	YAp = 104	XPMT = 166	YPMT = 680	Intensity =	1547945		
*** Sample ID: ICS AB 10/15/94 Seq: 95 13:48:26 15 Oct 1994 ICP								
Pb1	.8115	PPM	.0489	.8389	.7550	.8406		
*** Sample ID: IDL X2 10/15/94 Seq: 96 13:51:28 15 Oct 1994 ICP								
Pb1	.0976	PPM	.0080	.0997	.0888	.1044		
*** Sample ID: PREP BLANK 10/15/94 Seq: 97 13:54:43 15 Oct 1994 ICP								
Pb1	-.0226	PPM	.0119	-.0335	-.0100	-.0244		
*** Sample ID: LCS 10/15/94 Seq: 98 13:58:14 15 Oct 1994 ICP								
Pb1	4.589	PPM	.0177	4.582	4.576	4.609		
*** Peak Seq: 99 14:00:55 15 Oct 1994								
XAp	= 117	YAp = 104	XPMT = 166	YPMT = 680	Intensity =	1540047		
*** Sample ID: 3A-101194 10/15/94 Seq: 100 14:01:35 15 Oct 1994 ICP								
Pb1	.0115	PPM	.0057	.0111	.0173	.0060		
*** Sample ID: 3B-101194 10/15/94 Seq: 101 14:04:11 15 Oct 1994 ICP								
Pb1	.0127	PPM	.0350	.0179	.0449	-.0245		

0192

14:07:07 15 Oct 1994

Folder: CLP-1E
Protocol: CLP-1

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Sample ID: 5A-101194 10/15/94 Seq: 102 14:07:07 15 Oct 1994 ICP

Pb1	.0301	PPM	.0082	.0295	.0223	.0386		
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*** Check Standard: 3 Ck3 CCV Seq: 103 14:10:15 15 Oct 1994 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Pb1		98.73	2.468	2.500	PPM	.0039

*** Peak Seq: 104 14:15:12 15 Oct 1994

XAp = 116 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1539577

*** Sample ID: CCB 10/15/94 Seq: 105 14:15:53 15 Oct 1994 ICP

Pb1	-.0029	PPM	.0136	-.0027	.0106	-.0167		
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*** Sample ID: 5B 101194 10/15/94 Seq: 106 14:19:22 15 Oct 1994 ICP

Pb1	.0172	PPM	.0120	.0309	.0119	.0087		
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*** Sample ID: 2F 101194 10/15/94 Seq: 107 14:21:49 15 Oct 1994 ICP

Pb1	.0068	PPM	.0020	.0053	.0061	.0091		
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*** Sample ID: 2F 5X 10/15/94 Seq: 108 14:24:58 15 Oct 1994 ICP

Pb1	.0046	PPM	.0197	-.0177	.0120	.0196		
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*** Peak Seq: 109 14:27:03 15 Oct 1994

XAp = 116 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1540132

*** Sample ID: ICS A 10/15/94 Seq: 110 14:27:44 15 Oct 1994 ICP

Pb1	-.0515	PPM	.0456	-.0135	-.0389	-.1022		
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*** Sample ID: ICS AB 10/15/94 Seq: 111 14:29:55 15 Oct 1994 ICP

Pb1	.8312	PPM	.0236	.8468	.8040	.8427		
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*** Sample ID: IDL X2 10/15/94 Seq: 112 14:33:15 15 Oct 1994 ICP

Pb1	.0653	PPM	.0027	.0630	.0646	.0683		
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*** Check Standard: 3 Ck3 CCV Seq: 113 14:36:27 15 Oct 1994 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Pb1		98.24	2.456	2.500	PPM	.0212

0193

Folder: SB-CLP
Protocol: SB-CLP

09:11:28 31 Oct 1994

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Peak				Seq: 166			09:11:28 31 Oct 1994	
XAp = 121	YAp = 105		XPMT = 166	YPMT = 680		Intensity =	1242022	
*** Peak				Seq: 167			09:19:32 31 Oct 1994	
XAp = 121	YAp = 105		XPMT = 166	YPMT = 680		Intensity =	1447665	
*** Peak				Seq: 168			09:26:44 31 Oct 1994	
XAp = 121	YAp = 105		XPMT = 166	YPMT = 680		Intensity =	1450227	
*** Peak				Seq: 169			09:38:10 31 Oct 1994	
XAp = 122	YAp = 105		XPMT = 166	YPMT = 680		Intensity =	1455719	
*** Peak				Seq: 170			09:49:00 31 Oct 1994	
XAp = 122	YAp = 105		XPMT = 166	YPMT = 680		Intensity =	1446318	
*** Peak				Seq: 171			09:53:11 31 Oct 1994	
XAp = 122	YAp = 105		XPMT = 166	YPMT = 680		Intensity =	1438327	
*** Peak				Seq: 172			10:06:33 31 Oct 1994	
XAp = 122	YAp = 105		XPMT = 166	YPMT = 680		Intensity =	1479740	
*** Peak				Seq: 173			10:19:59 31 Oct 1994	
XAp = 122	YAp = 105		XPMT = 166	YPMT = 680		Intensity =	1484843	
*** Peak				Seq: 175			10:25:02 31 Oct 1994	
XAp = 121	YAp = 105		XPMT = 166	YPMT = 680		Intensity =	1449343	

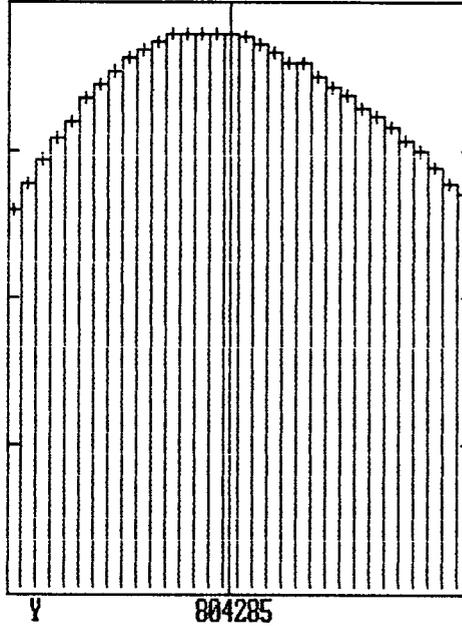
Protocol: SB-CLP
Mode: Sequential Rev: 2.005 Time: 10:26:51 31 Oct 1994
Folder: SB-CLP Seq: 176 Print: On
User: Batch: 10/31/94 Id: Cup:
State: Idle Xmit: Off Autosampler: Off

ICP: Operation

Mn1

peak cup = S1
peak X, Y, Both (X, Y, X)

Tip to rinse



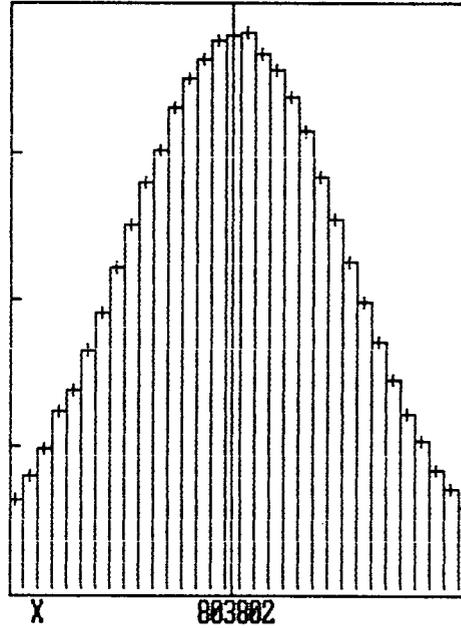
Protocol: SB-CLP
Mode: Sequential Rev: 2.005 Time: 10:27:40 31 Oct 1994
Folder: SB-CLP Seq: 176 Print: On
User: Batch: 10/31/94 Id: Cup:
State: Idle Xmit: Off Autosampler: Off

ICP: Operation

Mn1

peak cup = S1
peak X, Y, Both (X, Y, X)

Tip to rinse



Folder: SB-CLP

Page 3

10:51:17 31 Oct 1994

Protocol: SB-CLP

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Peak				Seq: 187	10:51:17 31 Oct 1994			
XAp = 121	YAp = 103	XPMT = 166	YPMT = 680	Intensity =		1436546		
*** Sample ID: CCB				10/31/94	Seq: 188	10:51:58 31 Oct 1994 ICP		
Sb1	.0138	.0242	-.0107	.0144	.0377			
*** Sample ID: ICS A				10/31/94	Seq: 189	10:55:12 31 Oct 1994 ICP		
Sb1	.0010	.0642	-.0473	-.0235	.0738			
*** Sample ID: ICS AB				10/31/94	Seq: 190	10:58:25 31 Oct 1994 ICP		
Sb1	.0165	.0377	.0139	.0554	-.0198			
*** Peak				Seq: 191	11:02:04 31 Oct 1994			
XAp = 121	YAp = 103	XPMT = 166	YPMT = 680	Intensity =		1450905		
*** Sample ID: CRDL X2				10/31/94	Seq: 192	11:02:45 31 Oct 1994 ICP		
Sb1	.1241	.0302	.1554	.0951	.1218			
*** Peak				Seq: 193	11:15:28 31 Oct 1994			
XAp = 120	YAp = 103	XPMT = 166	YPMT = 680	Intensity =		1470184		
*** Sample ID: PRPBLSOIL				10/31/94	Seq: 194	11:16:08 31 Oct 1994 ICP		
Sb1	.0380	.0267	.0075	.0575	.0489	<i>E1005-02</i>		
*** Sample ID: LCS 05-02				10/31/94	Seq: 195	11:19:01 31 Oct 1994 ICP		
Sb1	.9095	.0528	.9336	.8489	.9458			
*** Sample ID: 05-02 A44C				10/31/94	Seq: 196	11:24:01 31 Oct 1994 ICP		
Sb1	.0290	<i>MS-4C</i> .0255	.0214	.0574	.0081			
*** Peak				Seq: 197	11:26:44 31 Oct 1994			

0199

XAp = 120 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1456794

*** Sample ID: 05-02 A22A 10/31/94 Seq: 198 11:27:25 31 Oct 1994 ICP

Sb1 .0429 *MS-2A*.0061 .0401 .0500 .0387

11:31:49 31 Oct 1994

Folder: SB-CLP
Protocol: SB-CLP

Page 4

Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Sample ID: 05-02 A22D 10/31/94 Seq: 199 11:31:49 31 Oct 1994 ICP

Sb1	.0061	<i>MS-2D</i>	.0213	.0258	-.0166	.0089		
-----	-------	--------------	-------	-------	--------	-------	--	--

*** Sample ID: A2-2D MS 10/31/94 Seq: 200 11:35:49 31 Oct 1994 ICP

Sb1	.5235	<i>MS-2DMS</i>	.0173	.5316	.5351	.5036		
-----	-------	----------------	-------	-------	-------	-------	--	--

*** Peak Seq: 201 11:39:46 31 Oct 1994

XAp = 119 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1470972

*** Check Standard: 3 Ck3 CCV Seq: 202 11:40:27 31 Oct 1994 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Sb1		102.6	5.131	5.000		.0539

*** Sample ID: CCB 10/31/94 Seq: 203 11:45:04 31 Oct 1994 ICP

Sb1	.0078		.0165	.0184	.0162	-.0111		
-----	-------	--	-------	-------	-------	--------	--	--

*** Sample ID: A2-2D PS 10/31/94 Seq: 204 11:49:12 31 Oct 1994 ICP

Sb1	.7387		.0303	.7737	.7227	.7197		<i>POST SPIKE SPIKE = 0.75 ppm 93% R</i>
-----	-------	--	-------	-------	-------	-------	--	--

*** Peak Seq: 205 11:53:16 31 Oct 1994

XAp = 119 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1477279

*** Sample ID: A2-2D MSD 10/31/94 Seq: 206 11:53:57 31 Oct 1994 ICP

Sb1	-.0002	<i>MS-2DMSD</i>	.0302	.0317	-.0039	-.0285		
-----	--------	-----------------	-------	-------	--------	--------	--	--

*** Sample ID: 05-02 A11D 10/31/94 Seq: 207 11:58:00 31 Oct 1994 ICP

Sb1	.0248	<i>MS-1D</i>	.0272	-.0043	.0290	.0496		
-----	-------	--------------	-------	--------	-------	-------	--	--

*** Sample ID: A1-1D 5X 10/31/94 Seq: 208 12:00:59 31 Oct 1994 ICP

Sb1	.0107	<i>MS-1D</i>	.0381	.0253	-.0326	.0393		
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*** Sample ID: 05-02 A11C 10/31/94 Seq: 209 12:03:34 31 Oct 1994 ICP

Sb1	-.0058	<i>MS-1C</i>	.0269	-.0042	-.0334	.0203		
-----	--------	--------------	-------	--------	--------	-------	--	--

*** Peak Seq: 210 12:06:04 31 Oct 1994

XAp = 119 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1466331

0201

12:06:45 31 Oct 1994

Folder: SB-CLP
Protocol: SB-CLP

Page 5

Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Sample ID: PRPBLK H2O 10/31/94 Seq: 211 12:06:45 31 Oct 1994 ICP

Sb1	-.0261		.0223	-.0138	-.0518	-.0126		E1005-02
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*** Sample ID: 05-02 FBLK 10/31/94 Seq: 212 12:10:00 31 Oct 1994 ICP

Sb1	.0093		.0055	.0029	.0119	.0129		
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*** Peak Seq: 213 12:20:39 31 Oct 1994

XAp = 118 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1461676

*** Sample ID: PRPBLKSOIL 10/31/94 Seq: 214 12:21:20 31 Oct 1994 ICP

2222

Sb1	.0490		.0351	.0744	.0090	.0636		E1006-05
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*** Sample ID: LCS 06-05 10/31/94 Seq: 215 12:25:34 31 Oct 1994 ICP

2222

Sb1	.9098		.0092	.9181	.8999	.9115		
-----	-------	--	-------	-------	-------	-------	--	--

*** Check Standard: 3 Ck3 CCV Seq: 216 12:28:53 31 Oct 1994 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Sb1		100.8	5.039	5.000		.0354

*** Sample ID: CCB 10/31/94 Seq: 217 12:31:42 31 Oct 1994 ICP

Sb1	-.0022		.0293	.0080	.0206	-.0352		
-----	--------	--	-------	-------	-------	--------	--	--

0202

*** Peak Seq: 218 12:34:16 31 Oct 1994

XAp = 118 YAp = 103 XFMT = 166 YFMT = 680 Intensity = 1466621

*** Sample ID: 06-05 GRPC 10/31/94 Seq: 219 12:34:56 31 Oct 1994 ICP

Sb1 .0344 .0130 .0489 .0235 .0309

*** Sample ID: GRP C MS 10/31/94 Seq: 220 12:39:39 31 Oct 1994 ICP

Sb1 .4722 .0072 .4641 .4779 .4746

*** Sample ID: GRP C PS 10/31/94 Seq: 221 12:43:30 31 Oct 1994 ICP

Sb1 .7239 .0386 .6827 .7299 .7592

*post spike
spike = 0.75 ppm
97% R*

*** Peak Seq: 222 12:45:48 31 Oct 1994

XAp = 118 YAp = 103 XFMT = 166 YFMT = 680 Intensity = 1489968

*✓ 2222
22222
22222*

12:46:29 31 Oct 1994

Folder: SB-CLP
Protocol: SB-CLP

Page 6

Line	Conc.	Units	SD/RSD	1	2	3	4	5
------	-------	-------	--------	---	---	---	---	---

*** Sample ID: GRP C MSD 10/31/94 Seq: 223 12:46:29 31 Oct 1994 ICP

Sb1 .0190 .0454 .0583 .0295 -.0307

*** Sample ID: 06-05 GRFH 10/31/94 Seq: 224 12:53:44 31 Oct 1994 ICP

Sb1 .0244 .0388 -.0150 .0625 .0259

*** Peak Seq: 225 12:56:24 31 Oct 1994

XAp = 117 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1486098

*** Sample ID: GRP H 5X 10/31/94 Seq: 226 12:57:05 31 Oct 1994 ICP

Sb1 .0210 .0110 .0290 .0257 .0085

*** Sample ID: 06-05 GRPX 10/31/94 Seq: 227 13:00:19 31 Oct 1994 ICP

Sb1 .0503 .0590 .1177 .0082 .0250

*** Sample ID: PRPBLK H2O 10/31/94 Seq: 228 13:03:06 31 Oct 1994 ICP

Sb1 .0115 .0237 .0316 .0176 -.0147

E1006-05

*** Sample ID: 06-05 FBLK 10/31/94 Seq: 229 13:05:57 31 Oct 1994 ICP

Sb1 .0259 .0587 -.0201 .0920 .0059

*** Peak Seq: 230 13:08:21 31 Oct 1994

XAp = 117 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1519749

*** Check Standard: 3 Ck3 CCV Seq: 231 13:09:02 31 Oct 1994 ICP

Line	Flag	%Rev.	Found	True	Units	SD/RSD
Sb1		99.40	4.970	5.000		.0812

*** Sample ID: CCB 10/31/94 Seq: 232 13:12:52 31 Oct 1994 ICP

Sb1 .0270 .0433 .0020 .0021 .0770

0204

*** Peak Seq: 233 13:26:08 31 Oct 1994

XAp = 117 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1506562

*** Sample ID: ICS A 10/31/94 Seq: 234 13:26:49 31 Oct 1994 ICP

Sb1 .0015 .0385 -.0429 .0246 .0227

Folder: SB-CLP
Protocol: SB-CLP

Page 7

13:29:27 31 Oct 1994

Line	Conc.	Units	SD/RSD	1	2	3	4	5
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*** Sample ID: ICS AB 10/31/94 Seq: 235 13:29:27 31 Oct 1994 ICP

Sb1 -.0514 .0589 .0098 -.1078 -.0563

*** Sample ID: CRDL X2 10/31/94 Seq: 236 13:33:33 31 Oct 1994 ICP

Sb1 .1118 .0334 .1502 .0890 .0963

*** Peak Seq: 237 13:36:42 31 Oct 1994

XAp = 117 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1522031

*** Check Standard: 3 Ck3 CCV Seq: 238 13:37:23 31 Oct 1994 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Sb1		100.7	5.034	5.000		.0364

*** Sample ID: CCB 10/31/94 Seq: 239 13:42:26 31 Oct 1994 ICP

Sb1 .0077 .0243 .0127 .0292 -.0187

10/31/94 DES

Sb calibration std:

3% HCL 5% HNO₃

1ml (1000 ppm Sb)
Johnson Matthey \uparrow 100ml = 10 ppm Sb

Sb CCV:

5% HCL 5% HNO₃

0.5ml (1000 ppm Sb)
Johnson Matthey \uparrow 100ml = 5 ppm Sb

Sb ICV:

5% HCL 5% HNO₃

1ml Spex QC-19 \uparrow 100ml = 1 ppm Sb

10/28/94 DES

Retec E1005-02 A2-2D post spike:

0.3 ml Spex Spike-1 \uparrow 20 ml A2-2D sample
(66.67x on SPEX spike-1)

1021AS.DAT

AS

SM
10/21/94

10 } calib.
25 } Stds. = Spex
50 }

Jcv=keeman
chp 4

CLP - SOILS - SDG 19
E1005-02

```

-----
Element File: ASCLP_2.GEL      Element: As      Wavelength: 193.7
Date: 10/21/94                Time: 10:05      Slit: 0.70 L
Data File: 1021AS.DAT        ID/Wt File: UNTITLED  Lamp Current: 0
Technique: HGA                Calib. Type: Linear  Energy: 60
-----

```

```

As      ID: BLANK                Seq. No.: 00001      A/S Pos.: 2      Date: 10/21/94

```

```

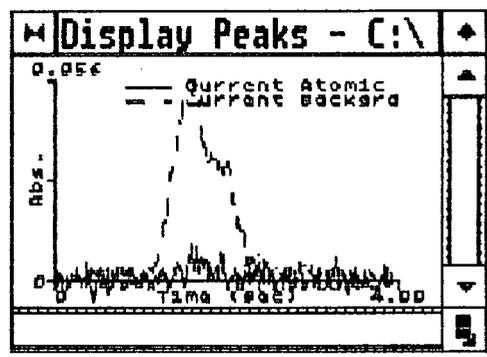
uL dispensed: 4 from 2, 5 from 1, 20 from 2
Replicate 1                                Time: 10:07
Peak Area (A-s): 0.002                    Peak Height (A): 0.007
Background Pk Area (A-s): 0.030          Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L ): 1.8

```

```

uL dispensed: 4 from 2, 5 from 1, 20 from 2
Replicate 2 (Peak Stored)                 Time: 10:10
Peak Area (A-s): 0.004                    Peak Height (A): 0.011
Background Pk Area (A-s): 0.038          Background Pk Height (A): 0.056
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L ): 2.5

```



```

Mean Conc (ug/L ):          2.1          SD: 0.54          RSD(%): 25.17

```

Auto-zero performed.

```

As      ID: 10 ppb std          Seq. No.: 00002      A/S Pos.: 3      Date: 10/21/94

```

```

uL dispensed: 4 from 2, 5 from 1, 20 from 3
Replicate 1                                Time: 10:13
Peak Area (A-s): 0.032                    Peak Height (A): 0.067
Background Pk Area (A-s): 0.029          Background Pk Height (A): 0.052
Blank Corrected Pk Area (A-s): 0.029
Concentration (ug/L ): 13.2

```

0208

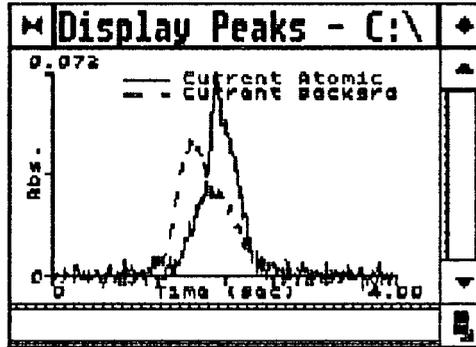
```

uL dispensed: 4 from 2, 5 from 1, 20 from 3
Replicate 2 (Peak Stored)                 Time: 10:15
Peak Area (A-s): 0.031                    Peak Height (A): 0.070

```

Background PK Area (A-s): 0.031
Blank Corrected PK Area (A-s): 0.028
Concentration (ug/L): 13.0

Background PK Height (A): 0.049



Mean Conc (ug/L): 13.1 SD: 0.15 RSD(%): 1.12

Standard number 1 applied. [10.0]
Correlation coefficient: 1.00000 Slope: 0.0028 Int: 0.000

As ID: 25 ppb std Seq. No.: 00003 A/S Pos.: 4 Date: 10/21/94

uL dispensed: 4 from 2, 5 from 1, 20 from 4

Replicate 1

Time: 10:18

Peak Area (A-s): 0.070

Peak Height (A): 0.258

Background PK Area (A-s): 0.032

Background PK Height (A): 0.053

Blank Corrected PK Area (A-s): 0.066

Concentration (ug/L): 23.5

uL dispensed: 4 from 2, 5 from 1, 20 from 4

Replicate 2 (Peak Stored)

Time: 10:21

Peak Area (A-s): 0.072

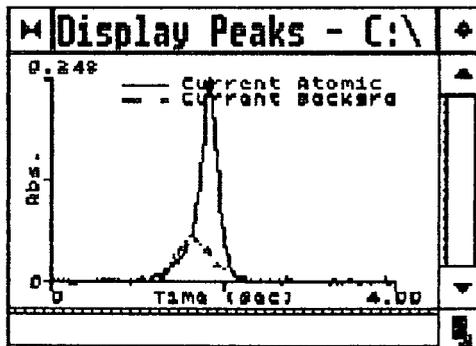
Peak Height (A): 0.249

Background PK Area (A-s): 0.032

Background PK Height (A): 0.057

Blank Corrected PK Area (A-s): 0.069

Concentration (ug/L): 24.3



0209

Mean Conc (ug/L): 23.9 SD: 0.56 RSD(%): 2.34

Standard number 2 applied. [25.0]
Correlation coefficient: 0.99977

Slope: 0.0027

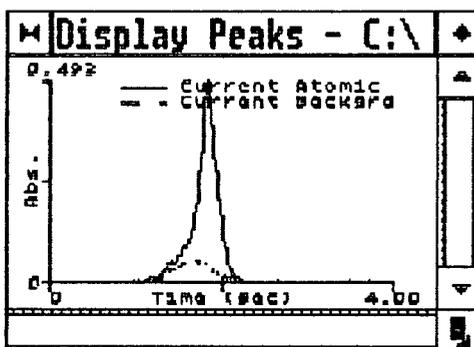
Int: 0.001

As ID: 50 ppb std' Seq. No.: 00004 A/S Pos.: 5 Date: 10/21/94

uL dispensed: 4 from 2, 5 from 1, 20 from 5

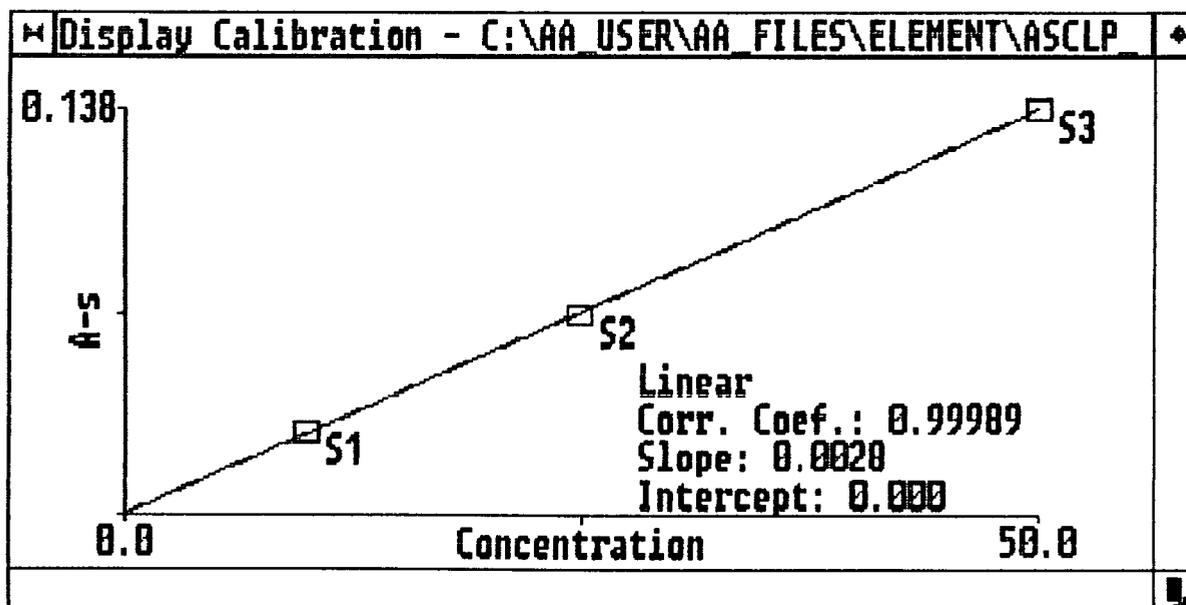
Replicate 1 Time: 10:24
Peak Area (A-s): 0.140 Peak Height (A): 0.480
Background Pk Area (A-s): 0.035 Background Pk Height (A): 0.061
Blank Corrected Pk Area (A-s): 0.137
Concentration (ug/L): 50.7

uL dispensed: 4 from 2, 5 from 1, 20 from 5
Replicate 2 (Peak Stored) Time: 10:26
Peak Area (A-s): 0.142 Peak Height (A): 0.493
Background Pk Area (A-s): 0.034 Background Pk Height (A): 0.061
Blank Corrected Pk Area (A-s): 0.139
Concentration (ug/L): 51.4



Mean Conc (ug/L): 51.0 SD: 0.50 RSD(%): 0.97

Standard number 3 applied. [50.0]
Correlation coefficient: 0.99989 Slope: 0.0028 Int: 0.000



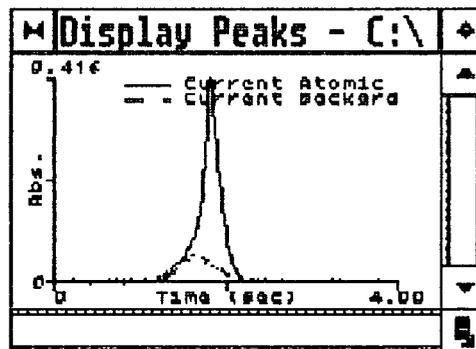
As ID: ICV Seq. No.: 00005 A/S Pos.: 8 Date: 10/21/94

uL dispensed: 4 from 2, 5 from 1, 20 from 8
Replicate 1 Time: 10:47

Peak Area (A-s): 0.116 Peak Height (A): 0.406
Background Pk Area (A-s): 0.032 Background Pk Height (A): 0.061
Blank Corrected Pk Area (A-s): 0.113
Concentration (ug/L): 40.9 Corrected Conc (mg/kg): -----

uL dispensed: 4 from 2, 5 from 1, 20 from 8
Replicate 2 (Peak Stored) Time: 10:50
Peak Area (A-s): 0.114 Peak Height (A): 0.416
Background Pk Area (A-s): 0.035 Background Pk Height (A): 0.059
Blank Corrected Pk Area (A-s): 0.111
Concentration (ug/L): 40.3 Corrected Conc (mg/kg): -----

*Keenan dup 4
+V=40
101.5%*



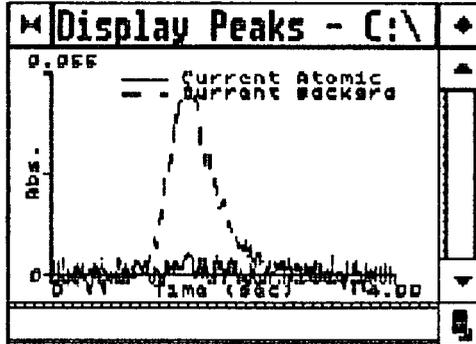
Mean Conc (ug/L): 40.6 SD: 0.44 RSD(%): 1.08
Corrected Conc (mg/kg): -----

QC sample is within range 36.0 - 44.0

As ID: ICB Seq. No.: 00006 A/S Pos.: 2 Date: 10/21/94

uL dispensed: 4 from 2, 5 from 1, 20 from 2
Replicate 1 Time: 10:53
Peak Area (A-s): 0.001 Peak Height (A): 0.009
Background Pk Area (A-s): 0.032 Background Pk Height (A): 0.054
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.7 Corrected Conc (mg/kg): -----

uL dispensed: 4 from 2, 5 from 1, 20 from 2
Replicate 2 (Peak Stored) Time: 10:56
Peak Area (A-s): 0.001 Peak Height (A): 0.006
Background Pk Area (A-s): 0.035 Background Pk Height (A): 0.055
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.9 Corrected Conc (mg/kg): -----



Mean Conc (ug/L): -0.8 SD: 0.12 RSD(%): 15.41
 Corrected Conc (mg/kg): -----

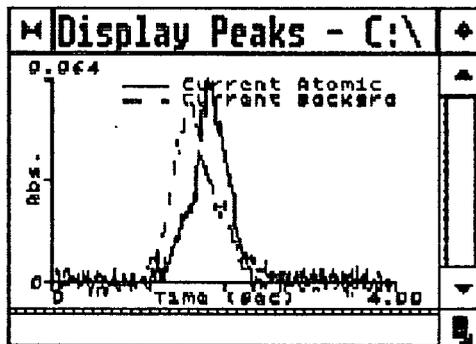
QC sample is within range -10.0 - 10.0

As ID: CRA Seq. No.: 00007 A/S Pos.: 3 Date: 10/21/94

uL dispensed: 4 from 2, 5 from 1, 20 from 3
 Replicate 1 Time: 10:58
 Peak Area (A-s): 0.031 Peak Height (A): 0.066
 Background Pk Area (A-s): 0.034 Background Pk Height (A): 0.056
 Blank Corrected Pk Area (A-s): 0.028
 Concentration (ug/L): 10.3 Corrected Conc (mg/kg): -----

uL dispensed: 4 from 2, 5 from 1, 20 from 3
 Replicate 2 (Peak Stored) Time: 11:01
 Peak Area (A-s): 0.029 Peak Height (A): 0.064
 Background Pk Area (A-s): 0.036 Background Pk Height (A): 0.057
 Blank Corrected Pk Area (A-s): 0.026
 Concentration (ug/L): 9.6 Corrected Conc (mg/kg): -----

10 ppb



0212

Mean Conc (ug/L): 9.9 SD: 0.50 RSD(%): 5.01
 Corrected Conc (mg/kg): -----

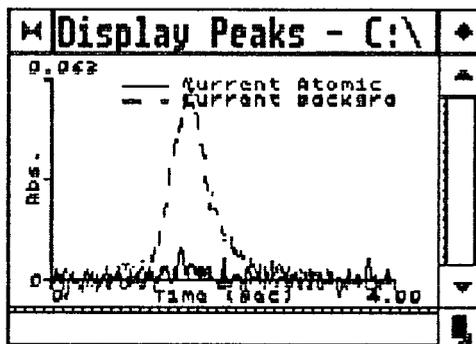
QC sample is within range 3 - 15

As ID: PBLK-SOIL Seq. No.: 00008 A/S Pos.: 10 Date: 10/21/94

uL dispensed: 4 from 2, 5 from 1, 20 from 10

Replicate 1 Time: 11:04
Peak Area (A-s): 0.000 Peak Height (A): 0.012
Background Pk Area (A-s): 0.035 Background Pk Height (A): 0.059
Blank Corrected Pk Area (A-s): -0.003
Concentration (ug/L): -0.9 Corrected Conc (mg/kg): -----

uL dispensed: 4 from 2, 5 from 1, 20 from 10
Replicate 2 (Peak Stored) Time: 11:07
Peak Area (A-s): 0.002 Peak Height (A): 0.010
Background Pk Area (A-s): 0.037 Background Pk Height (A): 0.063
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L): -0.3 Corrected Conc (mg/kg): -----



Mean Conc (ug/L): -0.6 SD: 0.46 RSD(%): 75.97
Corrected Conc (mg/kg): -----

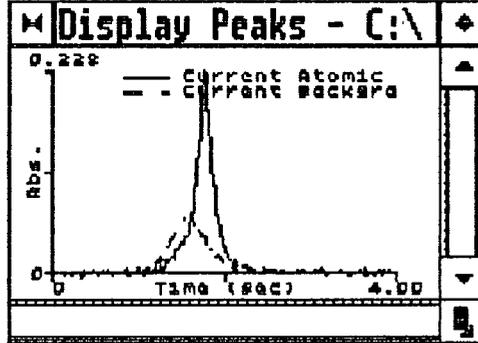
As ID: PBLK-SOIL ^{•A} Seq. No.: 00009 A/S Pos.: 10 Date: 10/21/94

^{PBSOI}
uL dispensed: 5 from 1, 4 from 7, 20 from 10
Replicate 1 Time: 11:10
Peak Area (A-s): 0.058 Peak Height (A): 0.225
Background Pk Area (A-s): 0.036 Background Pk Height (A): 0.063
Blank Corrected Pk Area (A-s): 0.055
Concentration (ug/L): 19.8 Corrected Conc (mg/kg): -----

uL dispensed: 5 from 1, 4 from 7, 20 from 10
Replicate 2 (Peak Stored) Time: 11:12
Peak Area (A-s): 0.060 Peak Height (A): 0.228
Background Pk Area (A-s): 0.040 Background Pk Height (A): 0.063
Blank Corrected Pk Area (A-s): 0.057
Concentration (ug/L): 20.8 Corrected Conc (mg/kg): -----

20 ppb post spike

101.5%



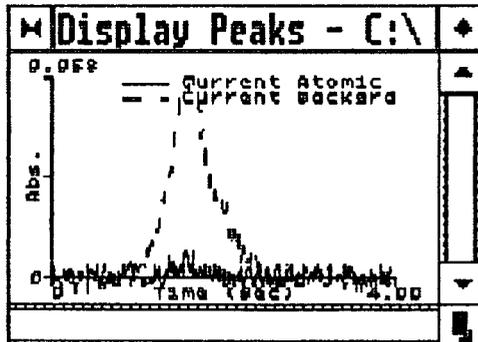
Mean Conc (ug/L): 20.3 SD: 0.73 RSD(%): 3.61
 Corrected Conc (mg/kg): -----

Recovery is 104.7%

As ID: PBLK-H2O *PBW01* Seq. No.: 00010 A/S Pos.: 11 Date: 10/21/94

uL dispensed: 4 from 2, 5 from 1, 20 from 11
 Replicate 1 Time: 11:15
 Peak Area (A-s): 0.003 Peak Height (A): 0.008
 Background Pk Area (A-s): 0.037 Background Pk Height (A): 0.058
 Blank Corrected Pk Area (A-s): -0.001
 Concentration (ug/L): -0.2 Corrected Conc (mg/kg): -----

uL dispensed: 4 from 2, 5 from 1, 20 from 11
 Replicate 2 (Peak Stored) Time: 11:18
 Peak Area (A-s): 0.002 Peak Height (A): 0.008
 Background Pk Area (A-s): 0.037 Background Pk Height (A): 0.058
 Blank Corrected Pk Area (A-s): -0.001
 Concentration (ug/L): -0.5 Corrected Conc (mg/kg): -----



0214

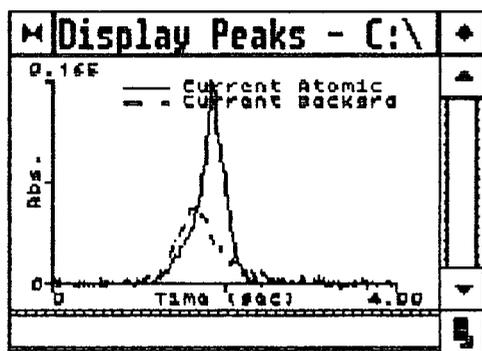
Mean Conc (ug/L): -0.3 SD: 0.21 RSD(%): 63.82
 Corrected Conc (mg/kg): -----

uL dispensed: 5 from 1, 4 from 7, 20 from 11
Replicate 1 Time: 11:21
Peak Area (A-s): 0.060 Peak Height (A): 0.154

Background Pk Area (A-s): 0.039 Background Pk Height (A): 0.062
Blank Corrected Pk Area (A-s): 0.057
Concentration (ug/L): 20.8 Corrected Conc (mg/kg): -----

uL dispensed: 5 from 1, 4 from 7, 20 from 11
Replicate 2 (Peak Stored) Time: 11:24
Peak Area (A-s): 0.060 Peak Height (A): 0.165
Background Pk Area (A-s): 0.041 Background Pk Height (A): 0.063
Blank Corrected Pk Area (A-s): 0.057
Concentration (ug/L): 20.6 Corrected Conc (mg/kg): -----

*20 ppb post spike
103.5%*



Mean Conc (ug/L): 20.7 SD: 0.17 RSD(%): 0.80
Corrected Conc (mg/kg): -----

Recovery is 105.3%

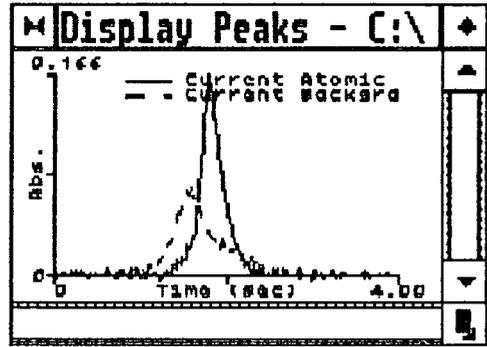
uL dispensed: 4 from 2, 5 from 1, 20 from 12
Replicate 1 Time: 11:27
Peak Area (A-s): 0.055 Peak Height (A): 0.169
Background Pk Area (A-s): 0.045 Background Pk Height (A): 0.074
Blank Corrected Pk Area (A-s): 0.052
Concentration (ug/L): 19.0 Corrected Conc (mg/kg): -----

uL dispensed: 4 from 2, 5 from 1, 20 from 12
Replicate 2 (Peak Stored) Time: 11:29
Peak Area (A-s): 0.054 Peak Height (A): 0.166
Background Pk Area (A-s): 0.046 Background Pk Height (A): 0.071
Blank Corrected Pk Area (A-s): 0.051
Concentration (ug/L): 18.6 Corrected Conc (mg/kg): -----

2x dilution

TV=40

94.0%



Mean Conc (ug/L): 18.8 SD: 0.25 RSD(%): 1.34
 Corrected Conc (mg/kg): -----

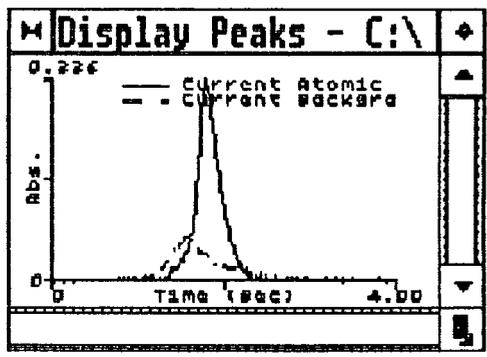
As ID: LCS *A* Seq. No.: 00013 A/S Pos.: 12 Date: 10/21/94

uL dispensed: 5 from 1, 4 from 7, 20 from 12
 Replicate 1 Time: 11:32
 Peak Area (A-s): 0.108 Peak Height (A): 0.328
 Background Pk Area (A-s): 0.048 Background Pk Height (A): 0.074
 Blank Corrected Pk Area (A-s): 0.105
 Concentration (ug/L): 38.1 Corrected Conc (mg/kg): -----

uL dispensed: 5 from 1, 4 from 7, 20 from 12
 Replicate 2 (Peak Stored) Time: 11:35
 Peak Area (A-s): 0.110 Peak Height (A): 0.336
 Background Pk Area (A-s): 0.051 Background Pk Height (A): 0.075
 Blank Corrected Pk Area (A-s): 0.107
 Concentration (ug/L): 39.0 Corrected Conc (mg/kg): -----

Post spike of 2x dilution

98.5%



0216

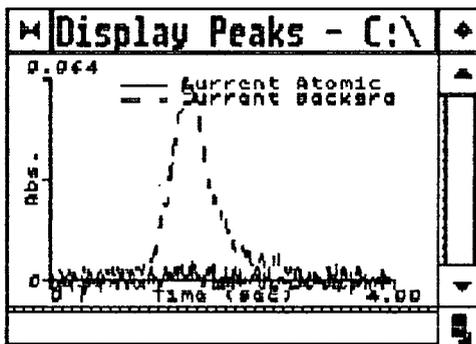
Mean Conc (ug/L): 38.5 SD: 0.66 RSD(%): 1.71
 Corrected Conc (mg/kg): -----

Recovery is 98.5%

uL dispensed: 4 from 2, 5 from 1, 20 from 13
Replicate 1 Time: 11:38
Peak Area (A-s): 0.001 Peak Height (A): 0.010

Background Pk Area (A-s): 0.039 Background Pk Height (A): 0.060
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.6 Corrected Conc (mg/kg): -----

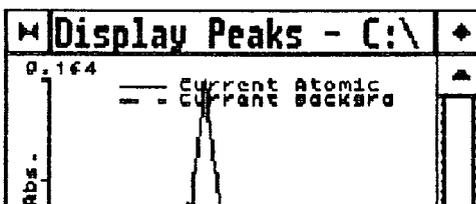
uL dispensed: 4 from 2, 5 from 1, 20 from 13
Replicate 2 (Peak Stored) Time: 11:41
Peak Area (A-s): 0.000 Peak Height (A): 0.007
Background Pk Area (A-s): 0.040 Background Pk Height (A): 0.064
Blank Corrected Pk Area (A-s): -0.003
Concentration (ug/L): -1.1 Corrected Conc (mg/kg): -----



Mean Conc (ug/L): -0.8 SD: 0.34 RSD(%): 41.94
Corrected Conc (mg/kg): -----

uL dispensed: 5 from 1, 4 from 7, 20 from 13
Replicate 1 Time: 11:44
Peak Area (A-s): 0.059 Peak Height (A): 0.169
Background Pk Area (A-s): 0.041 Background Pk Height (A): 0.068
Blank Corrected Pk Area (A-s): 0.056
Concentration (ug/L): 20.3 Corrected Conc (mg/kg): -----

uL dispensed: 5 from 1, 4 from 7, 20 from 13
Replicate 2 (Peak Stored) Time: 11:47
Peak Area (A-s): 0.059 Peak Height (A): 0.165
Background Pk Area (A-s): 0.042 Background Pk Height (A): 0.066
Blank Corrected Pk Area (A-s): 0.056
Concentration (ug/L): 20.2 Corrected Conc (mg/kg): -----



101%



Mean Conc (ug/L): 20.2 SD: 0.10 RSD(%): 0.51
 Corrected Conc (mg/kg): -----

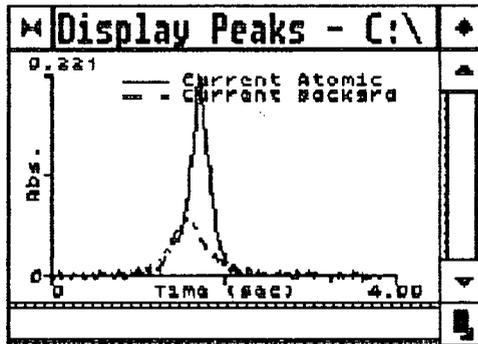
Recovery is 105.3%

As ID: CCV Seq. No.: 00016 A/S Pos.: 4 Date: 10/21/94

uL dispensed: 4 from 2, 5 from 1, 20 from 4
 Replicate 1 Time: 11:49
 Peak Area (A-s): 0.069 Peak Height (A): 0.237
 Background Pk Area (A-s): 0.042 Background Pk Height (A): 0.068
 Blank Corrected Pk Area (A-s): 0.065
 Concentration (ug/L): 23.8 Corrected Conc (mg/kg): -----

uL dispensed: 4 from 2, 5 from 1, 20 from 4
 Replicate 2 (Peak Stored) Time: 11:52
 Peak Area (A-s): 0.068 Peak Height (A): 0.221
 Background Pk Area (A-s): 0.041 Background Pk Height (A): 0.068
 Blank Corrected Pk Area (A-s): 0.065
 Concentration (ug/L): 23.7 Corrected Conc (mg/kg): -----

94.8%



Mean Conc (ug/L): 23.7 SD: 0.09 RSD(%): 0.39
 Corrected Conc (mg/kg): -----

QC sample is within range 22.5 - 27.5

As ID: CCB Seq. No.: 00017 A/S Pos.: 2 Date: 10/21/94

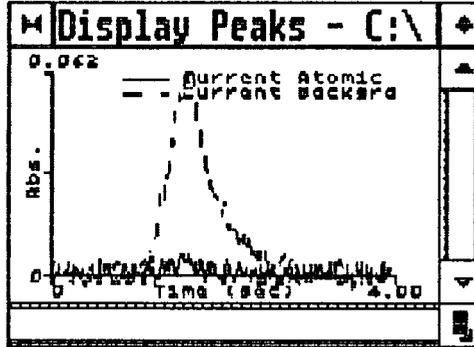
uL dispensed: 4 from 2, 5 from 1, 20 from 2
 Replicate 1 Time: 11:55
 Peak Area (A-s): 0.001 Peak Height (A): 0.010
 Background Pk Area (A-s): 0.040 Background Pk Height (A): 0.060
 Blank Corrected Pk Area (A-s): -0.002
 Concentration (ug/L): -0.8 Corrected Conc (mg/kg): -----

uL dispensed: 4 from 2, 5 from 1, 20 from 2
 Replicate 2 (Peak Stored) Time: 11:58
 Peak Area (A-s): 0.001 Peak Height (A): 0.010

0218

Background Pk Area (A-s): 0.042
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L): -0.2

Background Pk Height (A): 0.062
Corrected Conc (mg/kg): -----



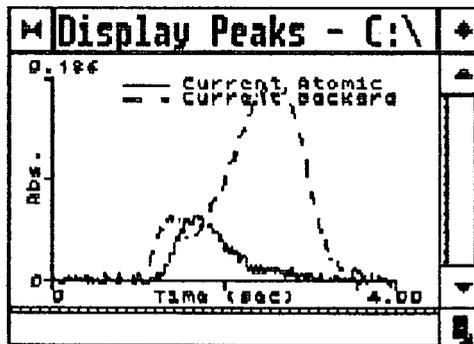
Mean Conc (ug/L): -0.5 SD: 0.41 RSD(%): 84.91
Corrected Conc (mg/kg): -----

QC sample is within range -10.0 - 10.0

As ID: 1005-02 A44C Seq. No.: 00018 A/S Pos.: 14 Date: 10/21/94

MS-4C
uL dispensed: 4 from 2, 5 from 1, 20 from 14
Replicate 1 Time: 12:00
Peak Area (A-s): 0.050 Peak Height (A): 0.063
Background Pk Area (A-s): 0.221 Background Pk Height (A): 0.189
Blank Corrected Pk Area (A-s): 0.047
Concentration (ug/L): 17.1 Corrected Conc (mg/kg): -----

uL dispensed: 4 from 2, 5 from 1, 20 from 14
Replicate 2 (Peak Stored) Time: 12:03
Peak Area (A-s): 0.048 Peak Height (A): 0.062
Background Pk Area (A-s): 0.219 Background Pk Height (A): 0.186
Blank Corrected Pk Area (A-s): 0.045
Concentration (ug/L): 16.3 Corrected Conc (mg/kg): -----



0219

Mean Conc (ug/L): 16.7 SD: 0.57 RSD(%): 3.43
Corrected Conc (mg/kg): -----

uL dispensed: 5 from 1, 4 from 7, 20 from 14

Replicate 1

Time: 12:06

Peak Area (A-s): 0.111

Peak Height (A): 0.138

Background Pk Area (A-s): 0.217

Background Pk Height (A): 0.176

Blank Corrected Pk Area (A-s): 0.108

Concentration (ug/L): 39.2

Corrected Conc (mg/kg): -----

uL dispensed: 5 from 1, 4 from 7, 20 from 14

Replicate 2 (Peak Stored)

Time: 12:09

Peak Area (A-s): 0.106

Peak Height (A): 0.124

Background Pk Area (A-s): 0.219

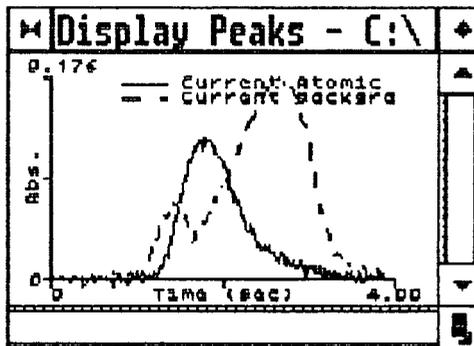
Background Pk Height (A): 0.176

Blank Corrected Pk Area (A-s): 0.103

Concentration (ug/L): 37.5

Corrected Conc (mg/kg): -----

108.0%



Mean Conc (ug/L): 38.3

SD: 1.23

RSD(%): 3.21

Corrected Conc (mg/kg): -----

Recovery is 108.0%

uL dispensed: 4 from 2, 5 from 1, 20 from 15

Replicate 1

Time: 12:12

Peak Area (A-s): 0.032

Peak Height (A): 0.033

Background Pk Area (A-s): 0.224

Background Pk Height (A): 0.181

Blank Corrected Pk Area (A-s): 0.029

Concentration (ug/L): 10.4

Corrected Conc (mg/kg): -----

uL dispensed: 4 from 2, 5 from 1, 20 from 15

Replicate 2 (Peak Stored)

Time: 12:15

Peak Area (A-s): 0.032

Peak Height (A): 0.033

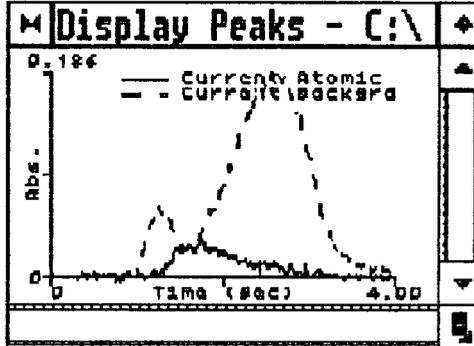
Background Pk Area (A-s): 0.229

Background Pk Height (A): 0.186

Blank Corrected Pk Area (A-s): 0.029

Concentration (ug/L): 10.4

Corrected Conc (mg/kg): -----

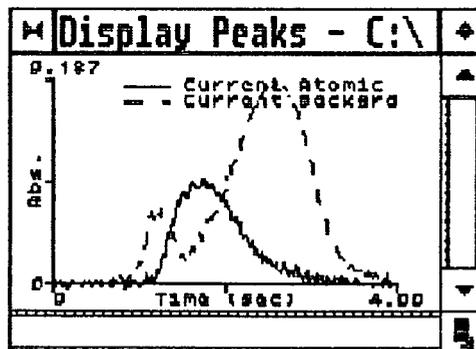


Mean Conc (ug/L): 10.4 SD: 0.02 RSD(%): 0.21
 Corrected Conc (mg/kg): -----

As ID: 1005-02 A22A *A* MS-2AA Seq. No.: 00021 A/S Pos.: 15 Date: 10/21/94

uL dispensed: 5 from 1, 4 from 7, 20 from 15
 Replicate 1 Time: 12:18
 Peak Area (A-s): 0.093 Peak Height (A): 0.097
 Background Pk Area (A-s): 0.236 Background Pk Height (A): 0.189
 Blank Corrected Pk Area (A-s): 0.090
 Concentration (ug/L): 32.8 Corrected Conc (mg/kg): -----

uL dispensed: 5 from 1, 4 from 7, 20 from 15
 Replicate 2 (Peak Stored) Time: 12:20
 Peak Area (A-s): 0.092 Peak Height (A): 0.096
 Background Pk Area (A-s): 0.237 Background Pk Height (A): 0.187
 Blank Corrected Pk Area (A-s): 0.089
 Concentration (ug/L): 32.2 Corrected Conc (mg/kg): -----



110.5%

0221

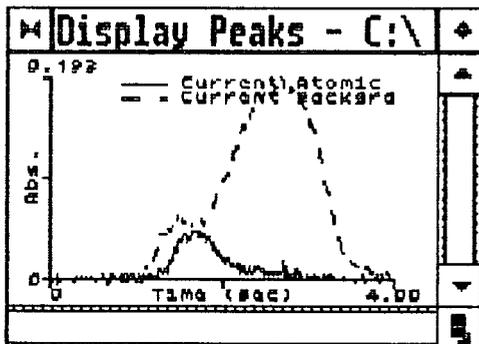
Mean Conc (ug/L): 32.5 SD: 0.43 RSD(%): 1.31
 Corrected Conc (mg/kg): -----

Recovery is 110.5%

MS-2D
uL dispensed: 4 from 2, 5 from 1, 20 from 16
Replicate 1 Time: 12:23
Peak Area (A-s): 0.036 Peak Height (A): 0.053

Background Pk Area (A-s): 0.255 Background Pk Height (A): 0.189
Blank Corrected Pk Area (A-s): 0.033
Concentration (ug/L): 12.0 Corrected Conc (mg/kg): -----

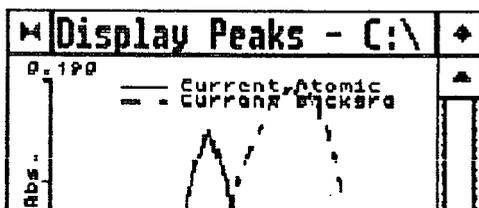
uL dispensed: 4 from 2, 5 from 1, 20 from 16
Replicate 2 (Peak Stored) Time: 12:26
Peak Area (A-s): 0.036 Peak Height (A): 0.050
Background Pk Area (A-s): 0.257 Background Pk Height (A): 0.193
Blank Corrected Pk Area (A-s): 0.033
Concentration (ug/L): 11.9 Corrected Conc (mg/kg): -----



Mean Conc (ug/L): 12.0 SD: 0.11 RSD(%): 0.93
Corrected Conc (mg/kg): -----

MS-2DA
uL dispensed: 5 from 1, 4 from 7, 20 from 16
Replicate 1 Time: 12:29
Peak Area (A-s): 0.095 Peak Height (A): 0.134
Background Pk Area (A-s): 0.262 Background Pk Height (A): 0.193
Blank Corrected Pk Area (A-s): 0.092
Concentration (ug/L): 33.3 Corrected Conc (mg/kg): -----

uL dispensed: 5 from 1, 4 from 7, 20 from 16
Replicate 2 (Peak Stored) Time: 12:32
Peak Area (A-s): 0.099 Peak Height (A): 0.143
Background Pk Area (A-s): 0.258 Background Pk Height (A): 0.190
Blank Corrected Pk Area (A-s): 0.096
Concentration (ug/L): 34.7 Corrected Conc (mg/kg): -----





110.0%

Mean Conc (ug/L): 34.0 SD: 1.00 RSD(%): 2.94
 Corrected Conc (mg/kg): -----

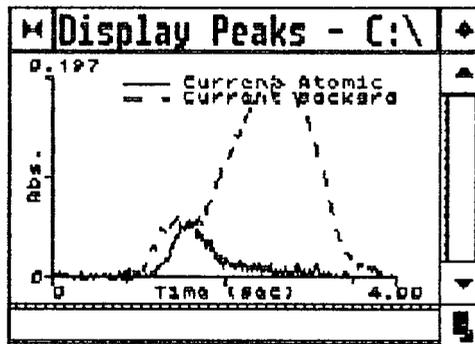
Recovery is 110.4%

As ID: A22D MSD Seq. No.: 00024 A/S Pos.: 17 Date: 10/21/94

MS-2D MSD

uL dispensed: 4 from 2, 5 from 1, 20 from 17
 Replicate 1 Time: 12:35
 Peak Area (A-s): 0.036 Peak Height (A): 0.052
 Background Pk Area (A-s): 0.274 Background Pk Height (A): 0.196
 Blank Corrected Pk Area (A-s): 0.033
 Concentration (ug/L): 12.1 Corrected Conc (mg/kg): -----

uL dispensed: 4 from 2, 5 from 1, 20 from 17
 Replicate 2 (Peak Stored) Time: 12:38
 Peak Area (A-s): 0.039 Peak Height (A): 0.057
 Background Pk Area (A-s): 0.266 Background Pk Height (A): 0.197
 Blank Corrected Pk Area (A-s): 0.036
 Concentration (ug/L): 13.1 Corrected Conc (mg/kg): -----



Mean Conc (ug/L): 12.6 SD: 0.72 RSD(%): 5.72
 Corrected Conc (mg/kg): -----

As ID: A22D MSD Seq. No.: 00025 A/S Pos.: 17 Date: 10/21/94

MS-2D MSD A

uL dispensed: 5 from 1, 4 from 7, 20 from 17
 Replicate 1 Time: 12:41
 Peak Area (A-s): 0.098 Peak Height (A): 0.141
 Background Pk Area (A-s): 0.262 Background Pk Height (A): 0.191
 Blank Corrected Pk Area (A-s): 0.095
 Concentration (ug/L): 34.5 Corrected Conc (mg/kg): -----

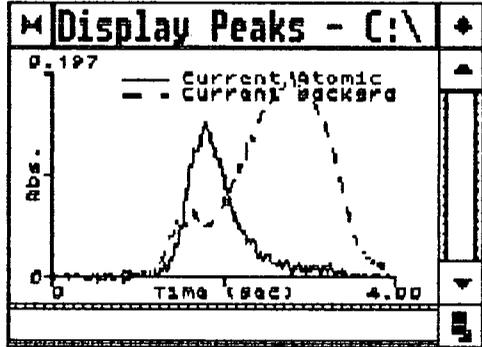
uL dispensed: 5 from 1, 4 from 7, 20 from 17
 Replicate 2 (Peak Stored) Time: 12:44
 Peak Area (A-s): 0.097 Peak Height (A): 0.151
 Background Pk Area (A-s): 0.265 Background Pk Height (A): 0.197
 Blank Corrected Pk Area (A-s): 0.094

0223

Concentration (ug/L): 34.1

Corrected Conc (mg/kg): -----

108.5%



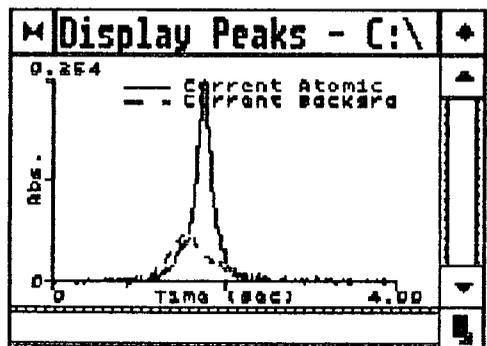
Mean Conc (ug/L): 34.3 SD: 0.29 RSD(%): 0.85
 Corrected Conc (mg/kg): -----

Recovery is 108.3%

As ID: CCV Seq. No.: 00026 A/S Pos.: 4 Date: 10/21/94

uL dispensed: 4 from 2, 5 from 1, 20 from 4
 Replicate 1 Time: 12:46
 Peak Area (A-s): 0.074 Peak Height (A): 0.242
 Background Pk Area (A-s): 0.041 Background Pk Height (A): 0.061
 Blank Corrected PK Area (A-s): 0.071
 Concentration (ug/L): 25.6 Corrected Conc (mg/kg): -----

uL dispensed: 4 from 2, 5 from 1, 20 from 4
 Replicate 2 (Peak Stored) Time: 12:49
 Peak Area (A-s): 0.073 Peak Height (A): 0.254
 Background Pk Area (A-s): 0.041 Background Pk Height (A): 0.062
 Blank Corrected PK Area (A-s): 0.070
 Concentration (ug/L): 25.3 Corrected Conc (mg/kg): -----



102.0%

0224

Mean Conc (ug/L): 25.5 SD: 0.19 RSD(%): 0.76
 Corrected Conc (mg/kg): -----