RETEC

Wells G&H
7.6
SS 3628

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

SDMS DocID 553628

APPENDIX V
CLP DATA Packages

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

SDG-18
Continued

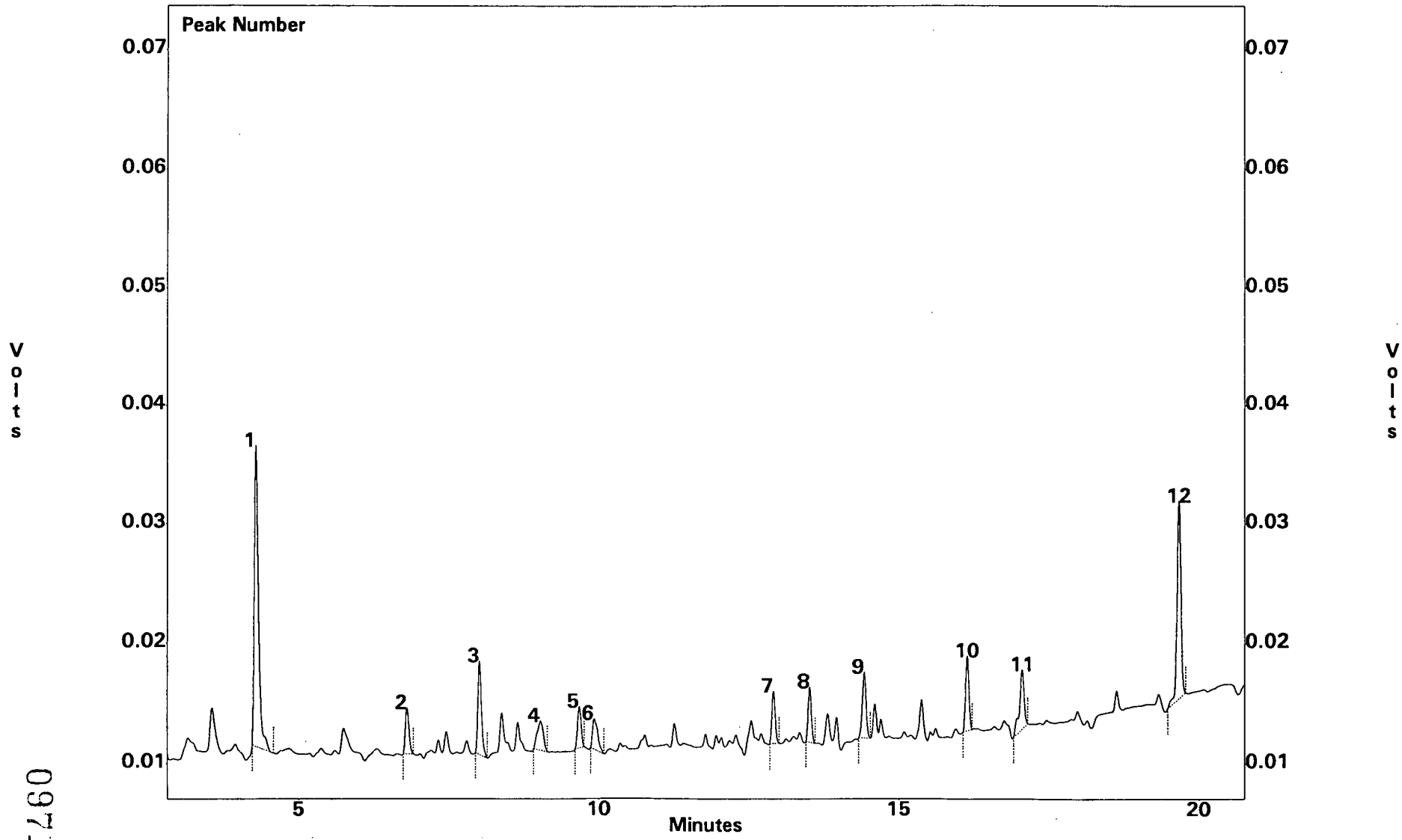
Channel B Results

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

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



T760

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 # NG/ML-	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...

0972

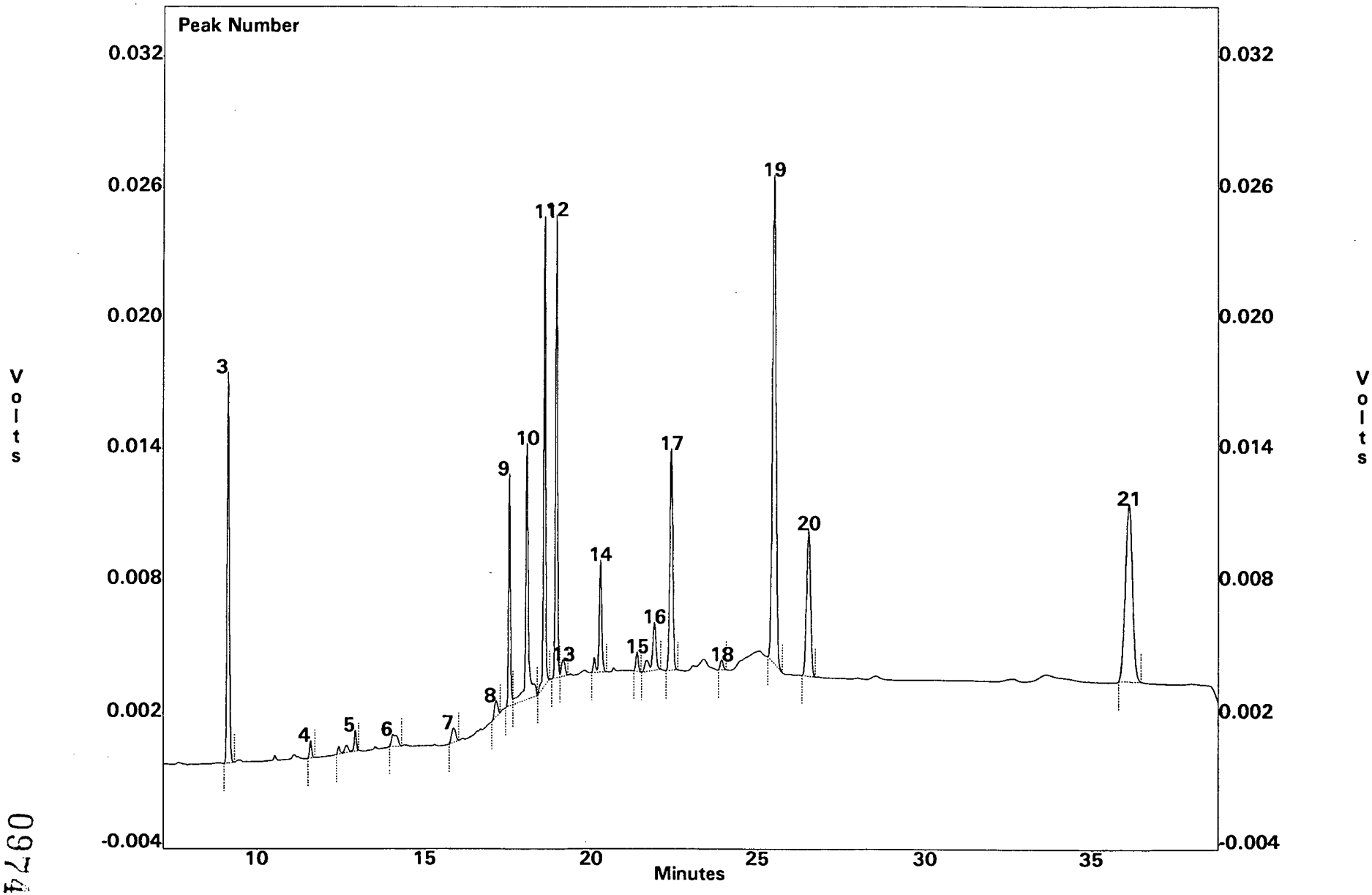
File : C:\EZCHROM\CHROM\EC1\CLP\AR166002
Method : C:\EZCHROM\METHODS\EC1\CLP\EC1CLP.MET
Sample ID : AR166002
Acquired : Sep 13, 1994 10:46:48
User : MB

Channel B Results

PEAK #	COMPOUND	RT	AREA
10		16.14	23630
11		17.06	27119

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



0974

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

Channel B Results

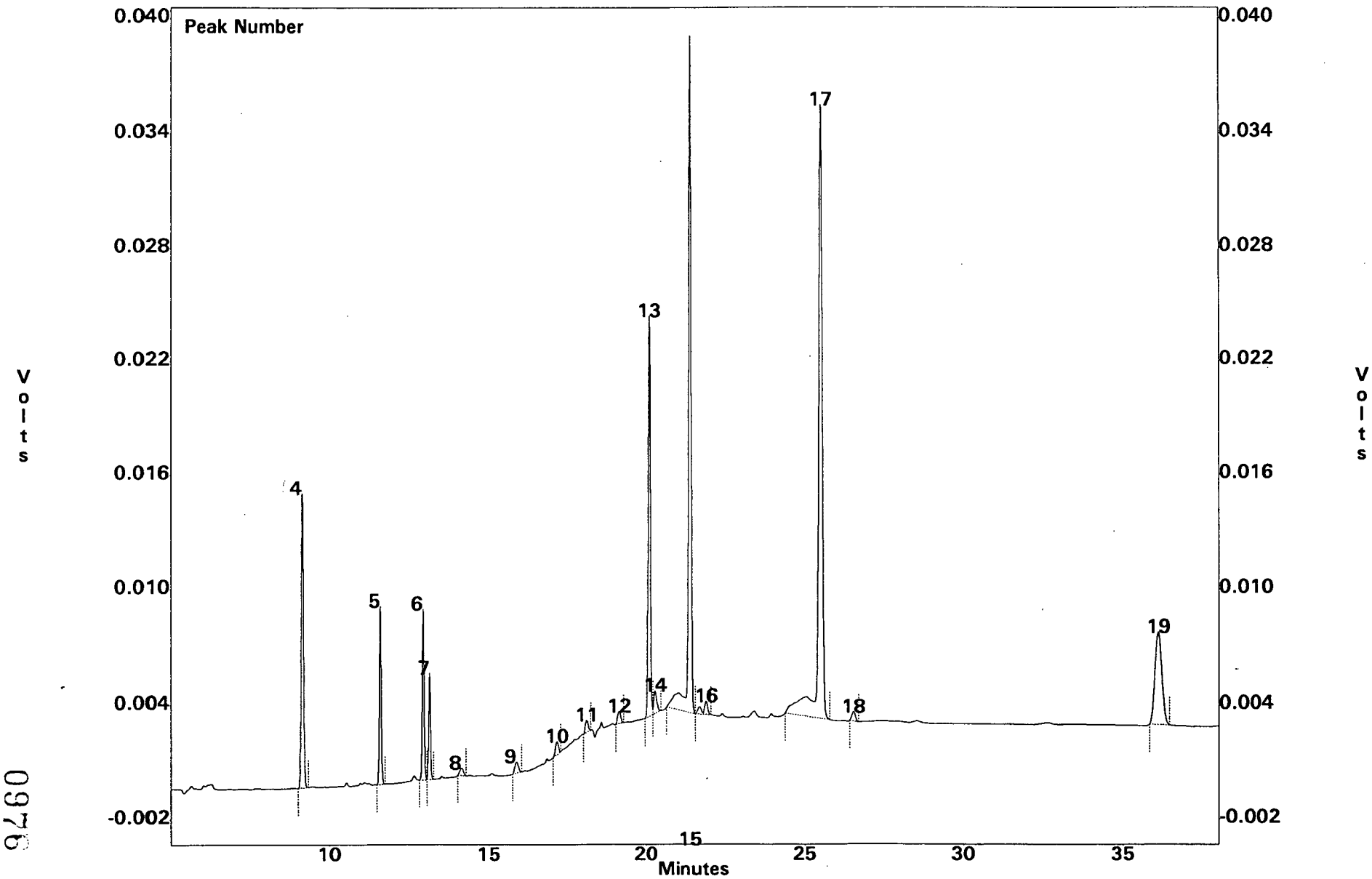
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
3	TCMX	9.167	83151	24.165
4	alpha BHC	11.600	3397	0.875
5	gamma BHC	12.933	8201	2.095
--	BETA BHC	13.150	0	0.000
6	HEPTACHLOR	14.058	6306	1.375
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
8	HEPTACHLOR EPOXIDE	17.167	4945	1.412
9	gamma CHLORDANE	17.567	39828	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

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



0976

File : C:\EZCHROM\CHROM\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...

0977

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

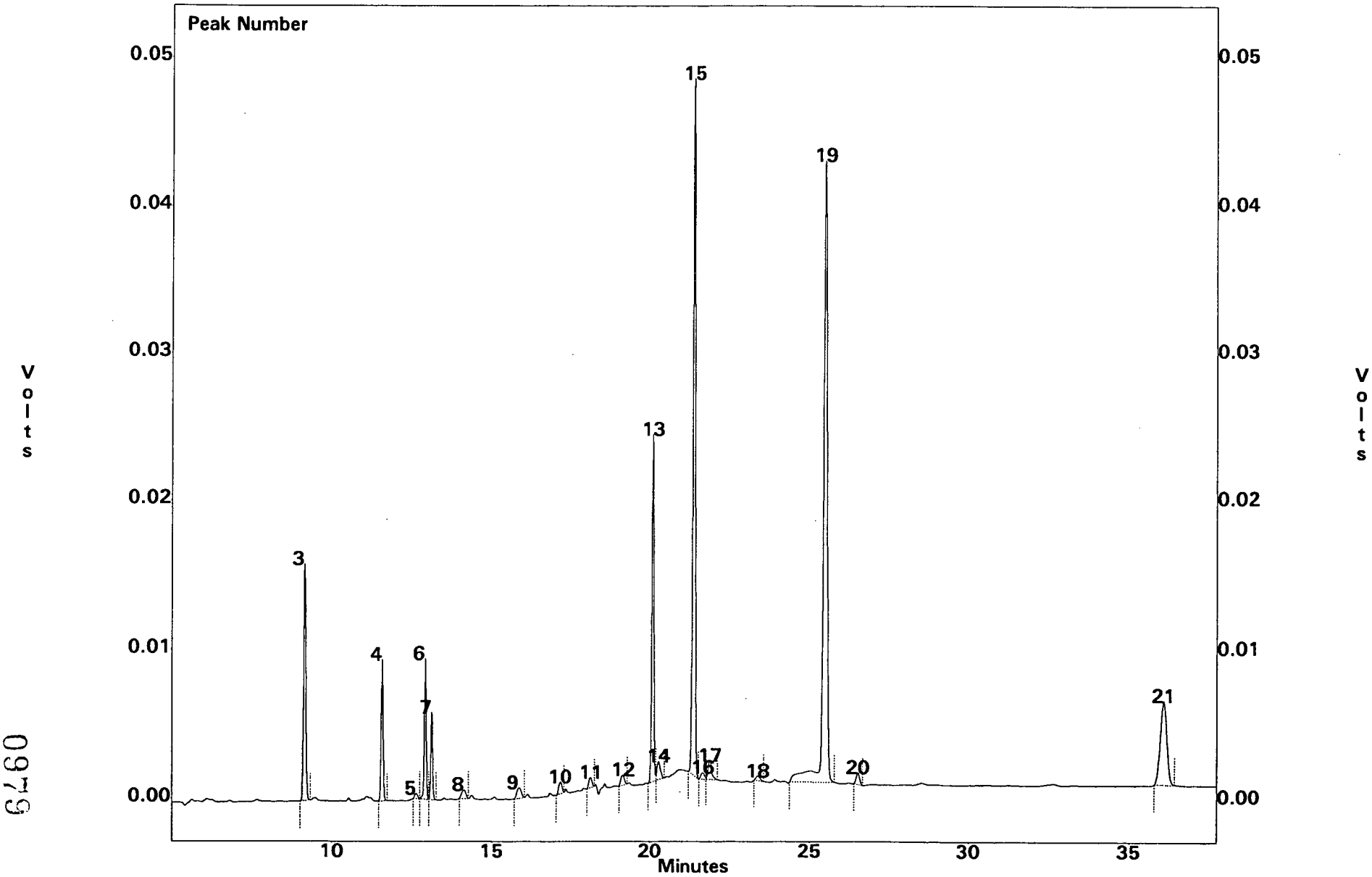
Channel B Results

PEAK #	RT, MIN	AREA
12	19.158	4442

0978

File : C:\EZCHROM\CHROM\EC2\CLP\PEM02.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : PEM02
Acquired : Sep 05, 1994 18:49:44
User : MB

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



0979

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

Channel B Results

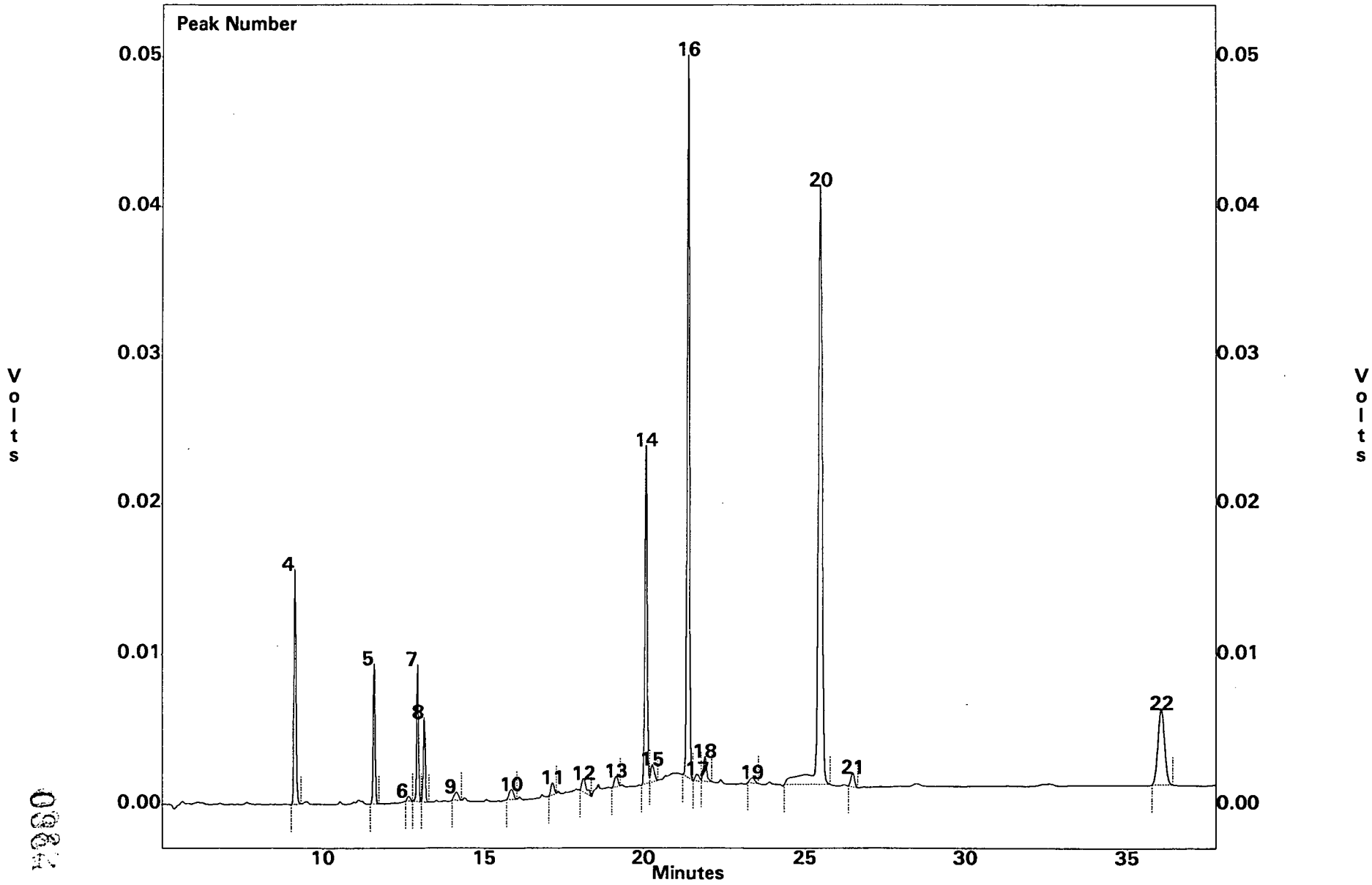
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
3	TCMX	9.158	73968	21.496
4	alpha BHC	11.608	38087	9.811
6	gamma BHC	12.933	38192	9.757
7	BETA BHC	13.142	23336	11.863
8	HEPTACHLOR	14.150	5708	1.244
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
10	HEPTACHLOR EPOXIDE	17.158	5640	1.610
--	gamma CHLORDANE	17.575	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

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



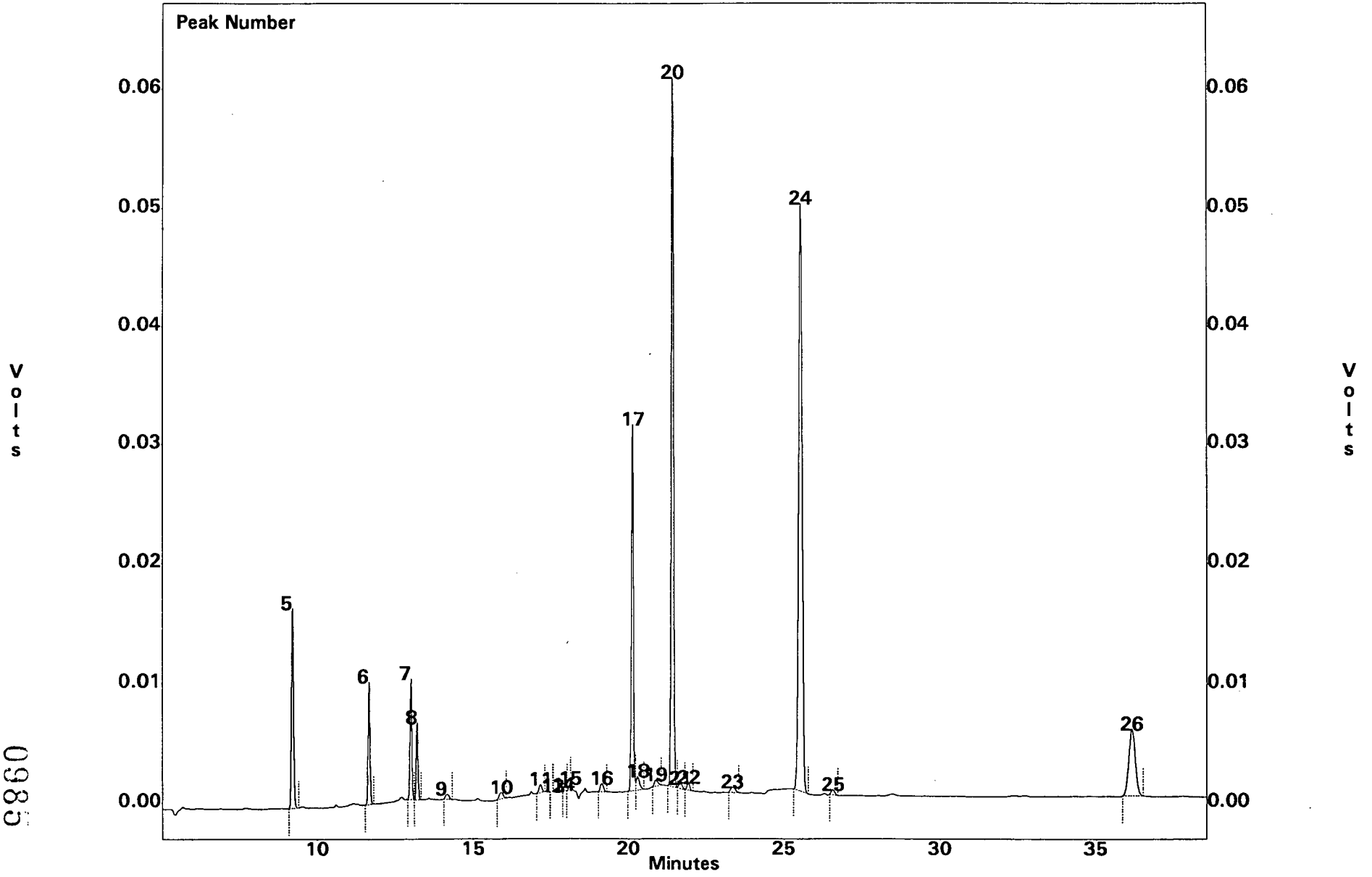
File : C:\EZCHROM\CHROM\EC2\CLP\PEM03.GC2
Sample ID : PEM03
Acquired : Sep 06, 1994 10:01:40

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

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



0985

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

File : C:\EZCHROM\CHROM\EC2\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

File : C:\EZCHROM\CHROM\EC2\CLP\PEM05
Sample ID : PEM05
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

0989

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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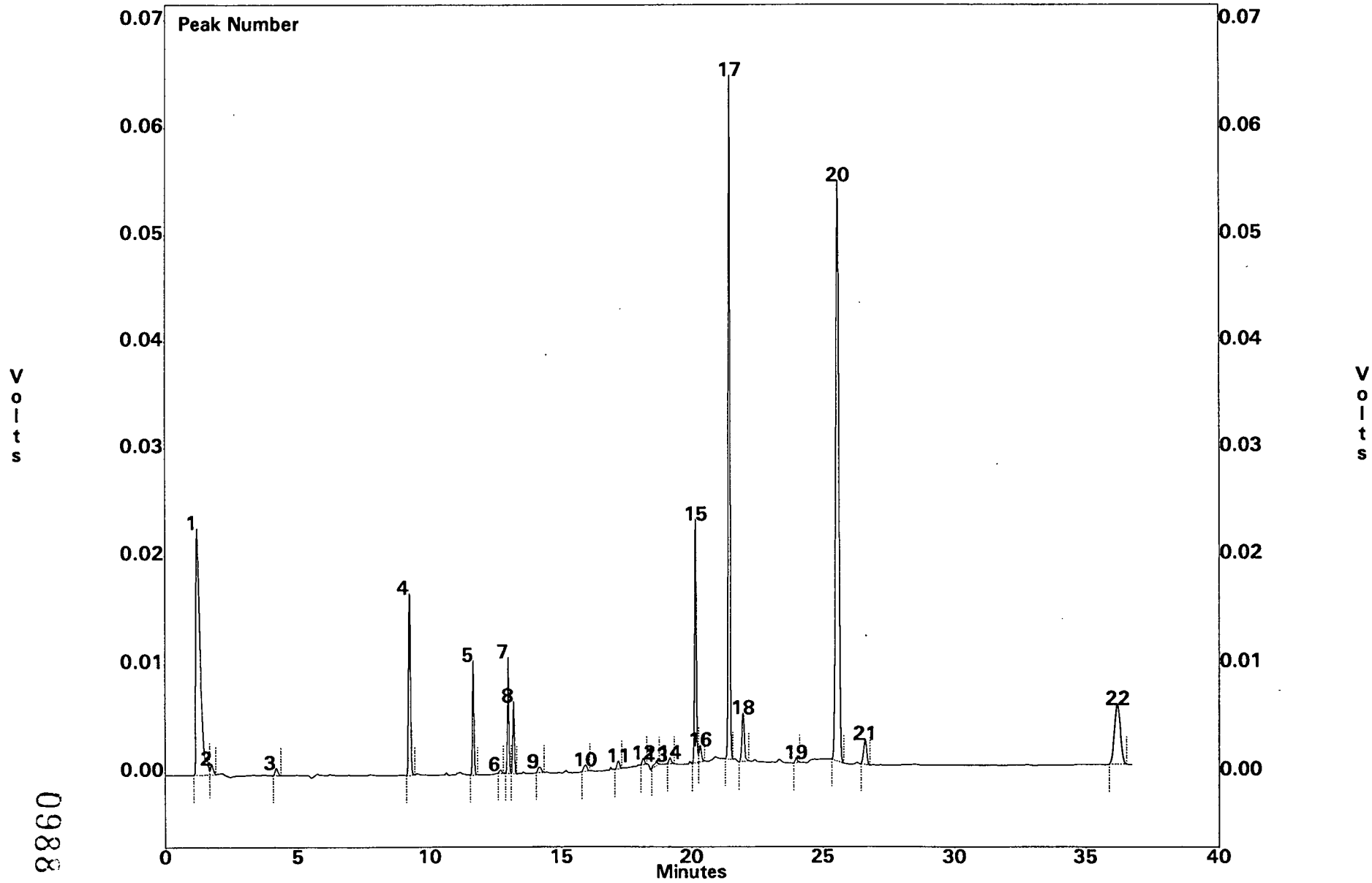

0988

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

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

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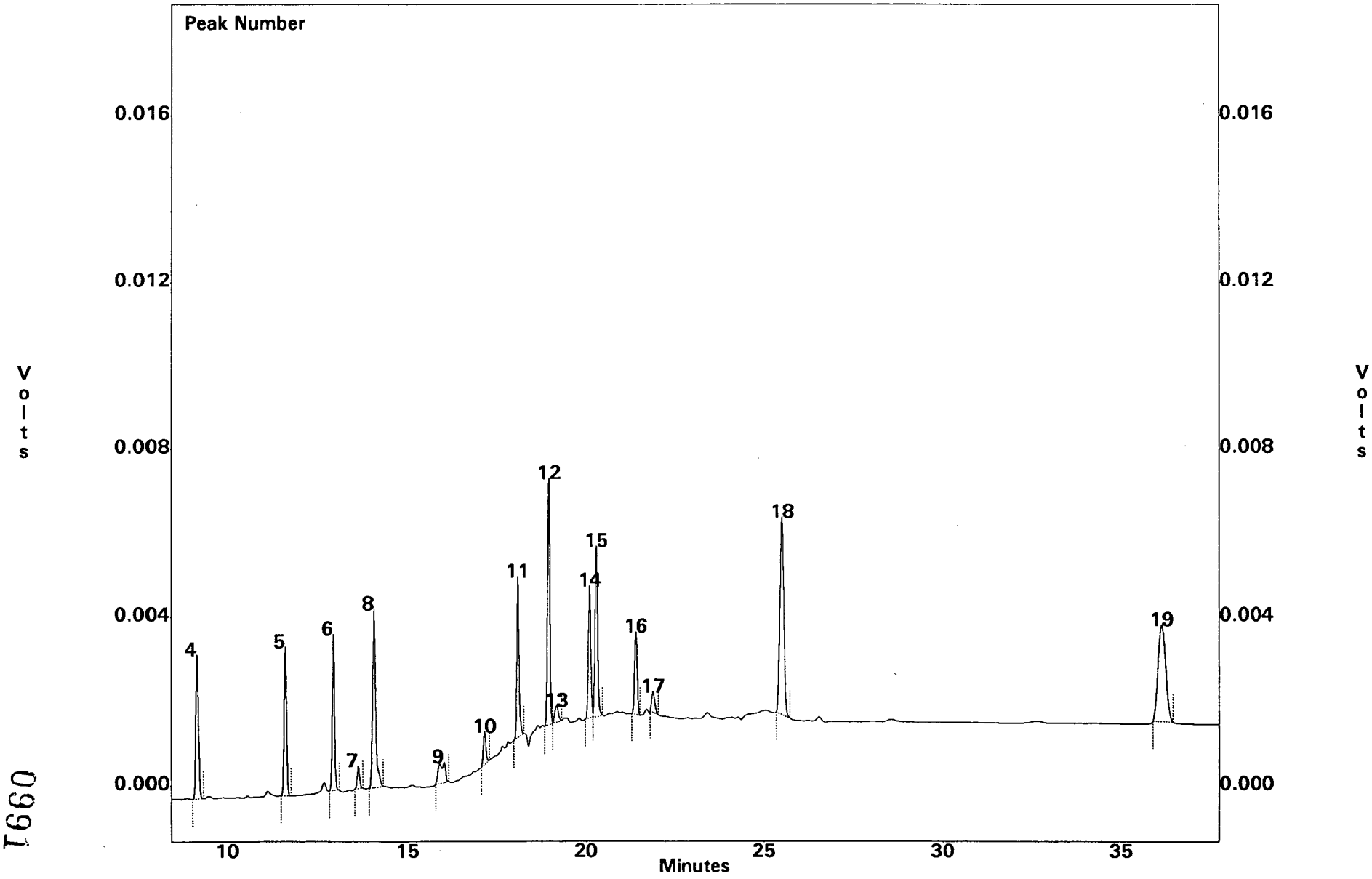


T660

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

Channel B Results

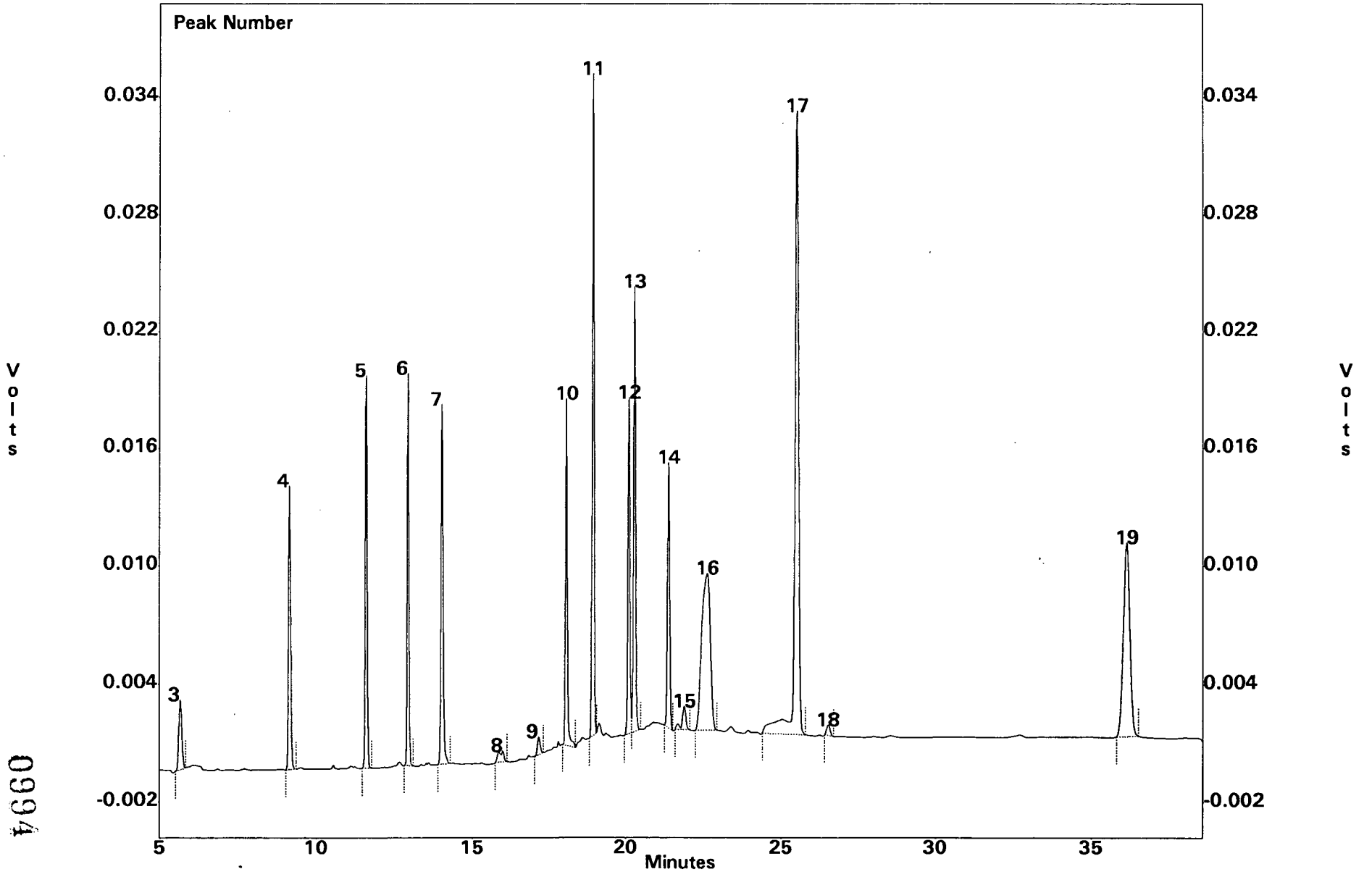
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.167	16333	4.747
5	alpha BHC	11.617	14900	3.838
6	gamma BHC	12.942	15615	3.989
--	BETA BHC	13.150	0	0.000
8	HEPTACHLOR	14.058	24238	5.283
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
10	HEPTACHLOR EPOXIDE	17.167	4278	1.221
--	gamma CHLORDANE	17.575	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

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

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



0994

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

Channel B Results

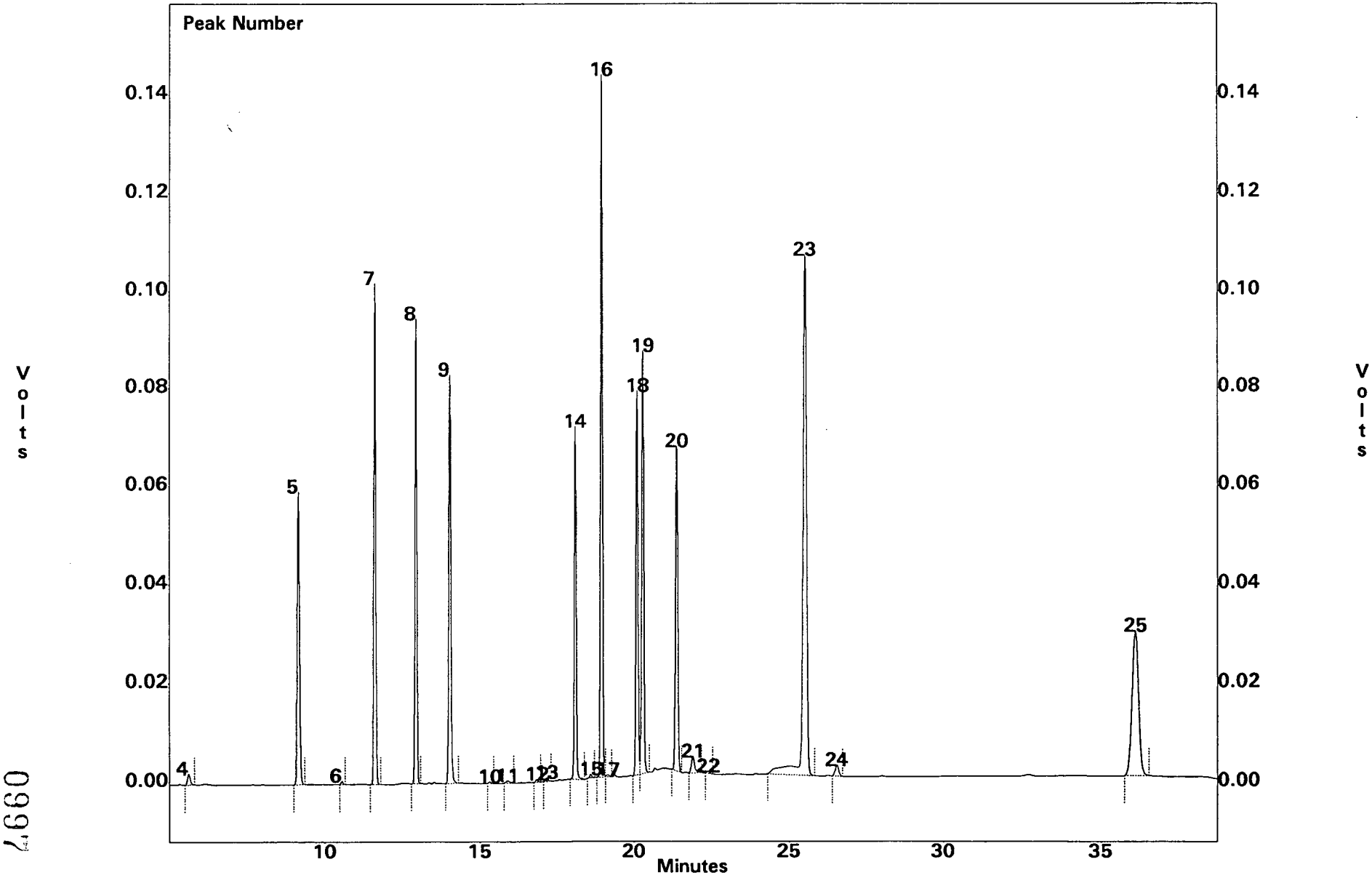
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.167	68820	20.000
5	alpha BHC	11.617	77639	20.000
6	gamma BHC	12.950	78290	20.000
--	BETA BHC	13.150	0	0.000
7	HEPTACHLOR	14.058	91754	20.000
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
9	HEPTACHLOR EPOXIDE	17.167	5326	1.520
--	gamma CHLORDANE	17.575	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

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



0997

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

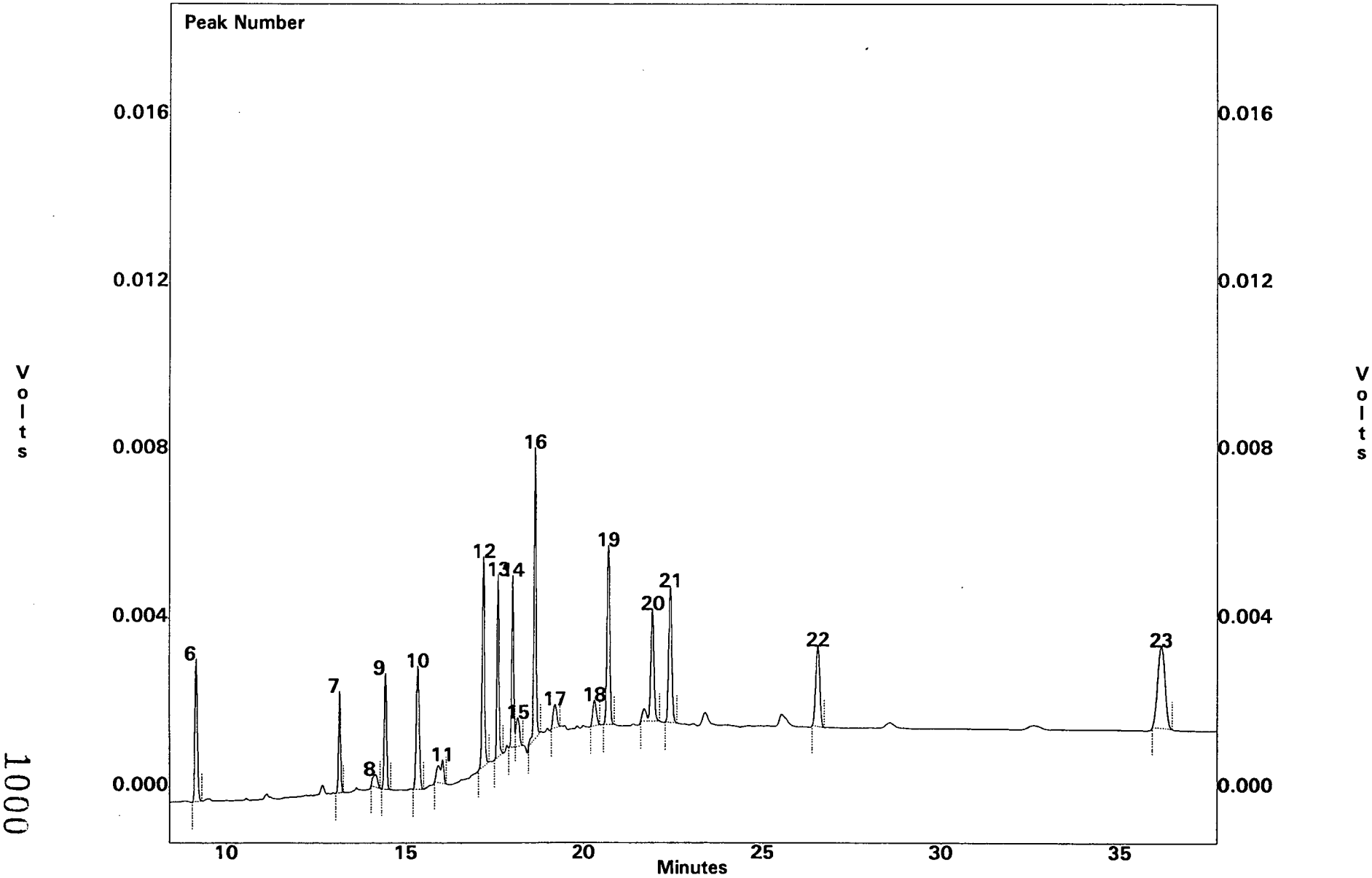
0998

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



1000

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

Channel B Results

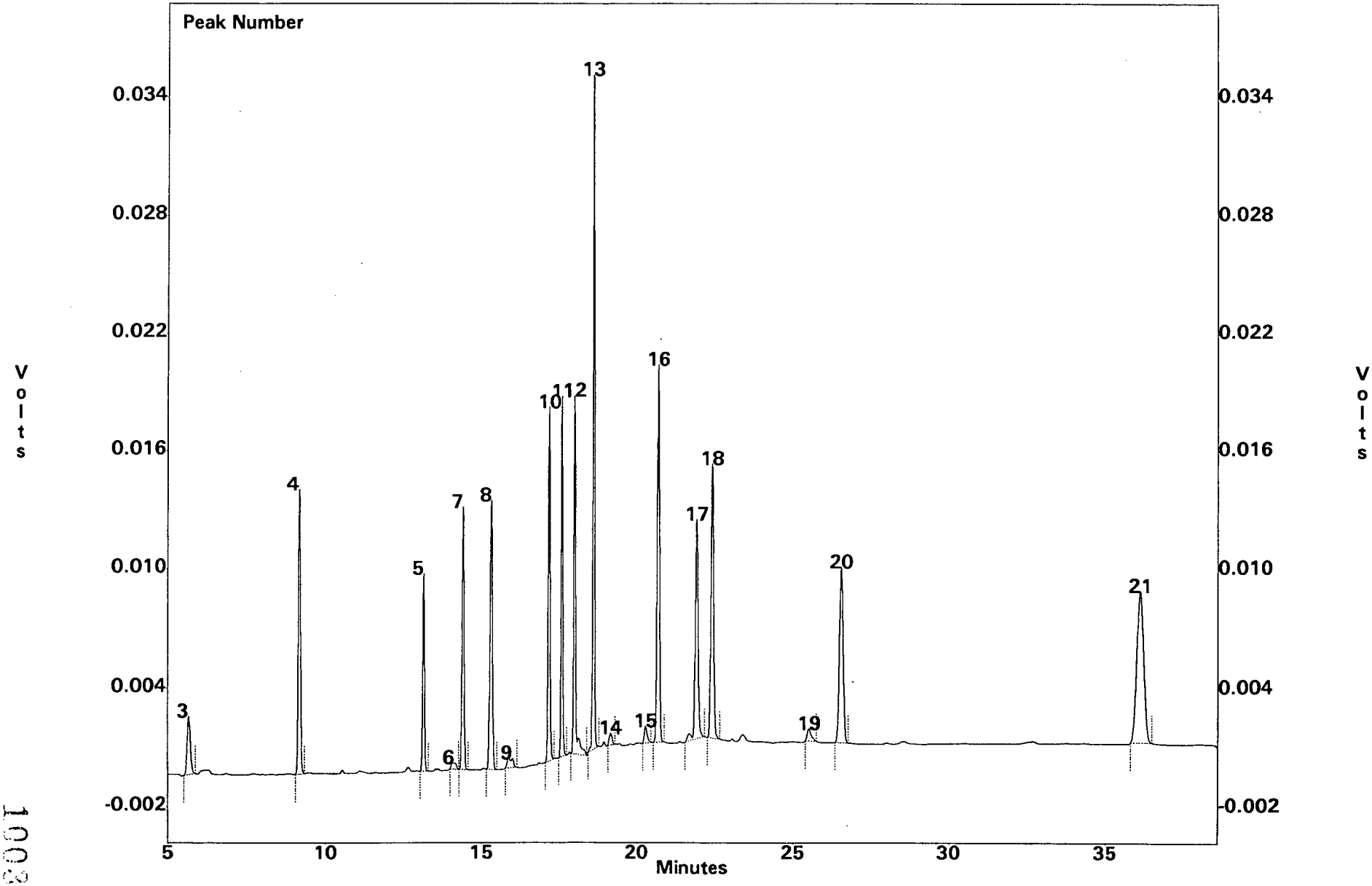
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
6	TCMX	9.175	16006	4.652
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
7	BETA BHC	13.158	9529	4.844
--	HEPTACHLOR	14.058	0	0.000
9	DELTA BHC	14.433	12035	4.425
10	ALDRIN	15.325	16608	4.491
12	HEPTACHLOR EPOXIDE	17.167	20857	5.954
13	gamma CHLORDANE	17.575	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



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

Channel B Results

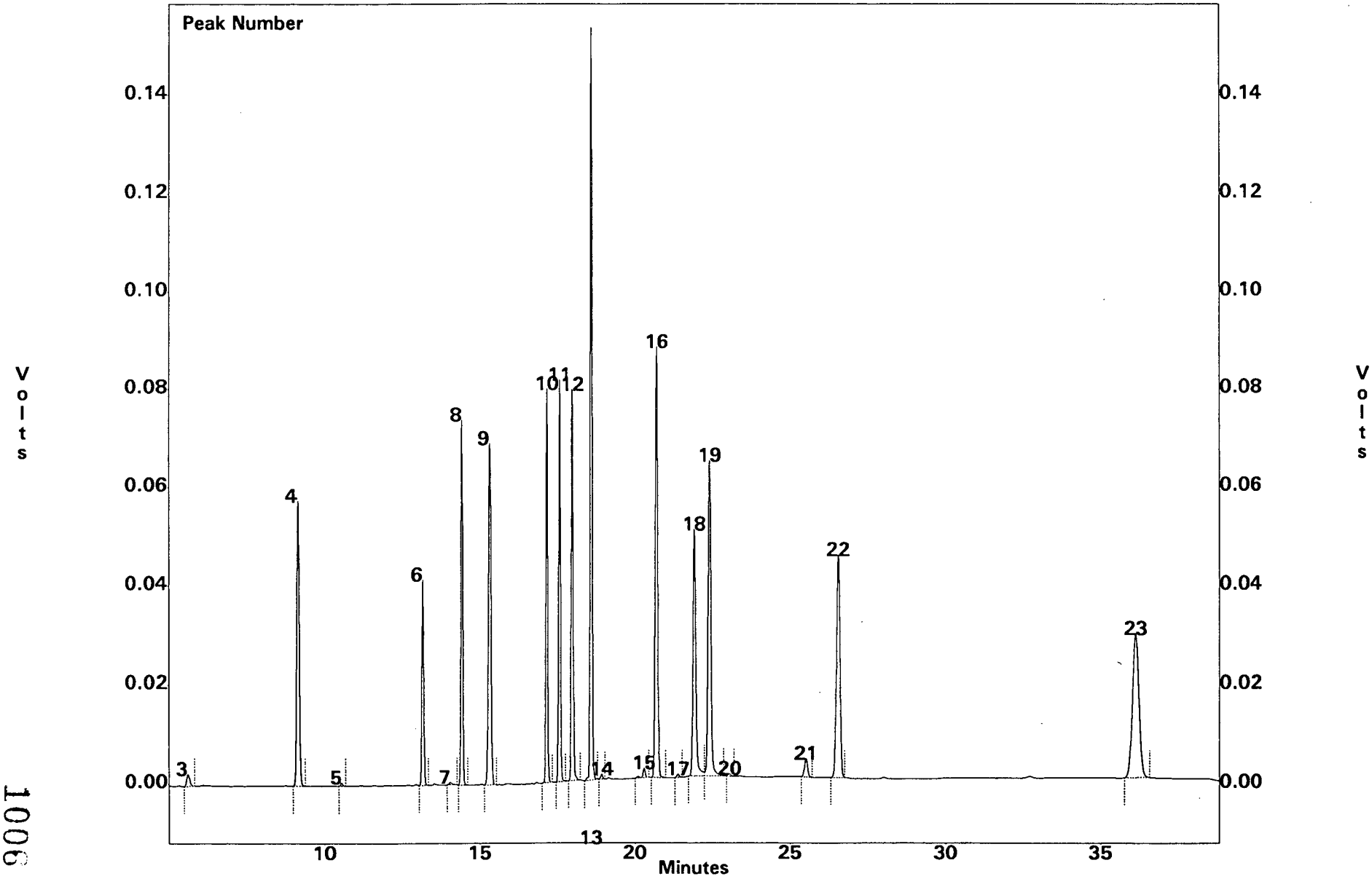
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.167	67446	19.601
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
5	BETA BHC	13.150	39344	20.000
--	HEPTACHLOR	14.058	0	0.000
7	DELTA BHC	14.425	54396	20.000
8	ALDRIN	15.325	73966	20.000
10	HEPTACHLOR EPOXIDE	17.158	70065	20.000
11	gamma CHLORDANE	17.575	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

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



1006

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

Channel B Results

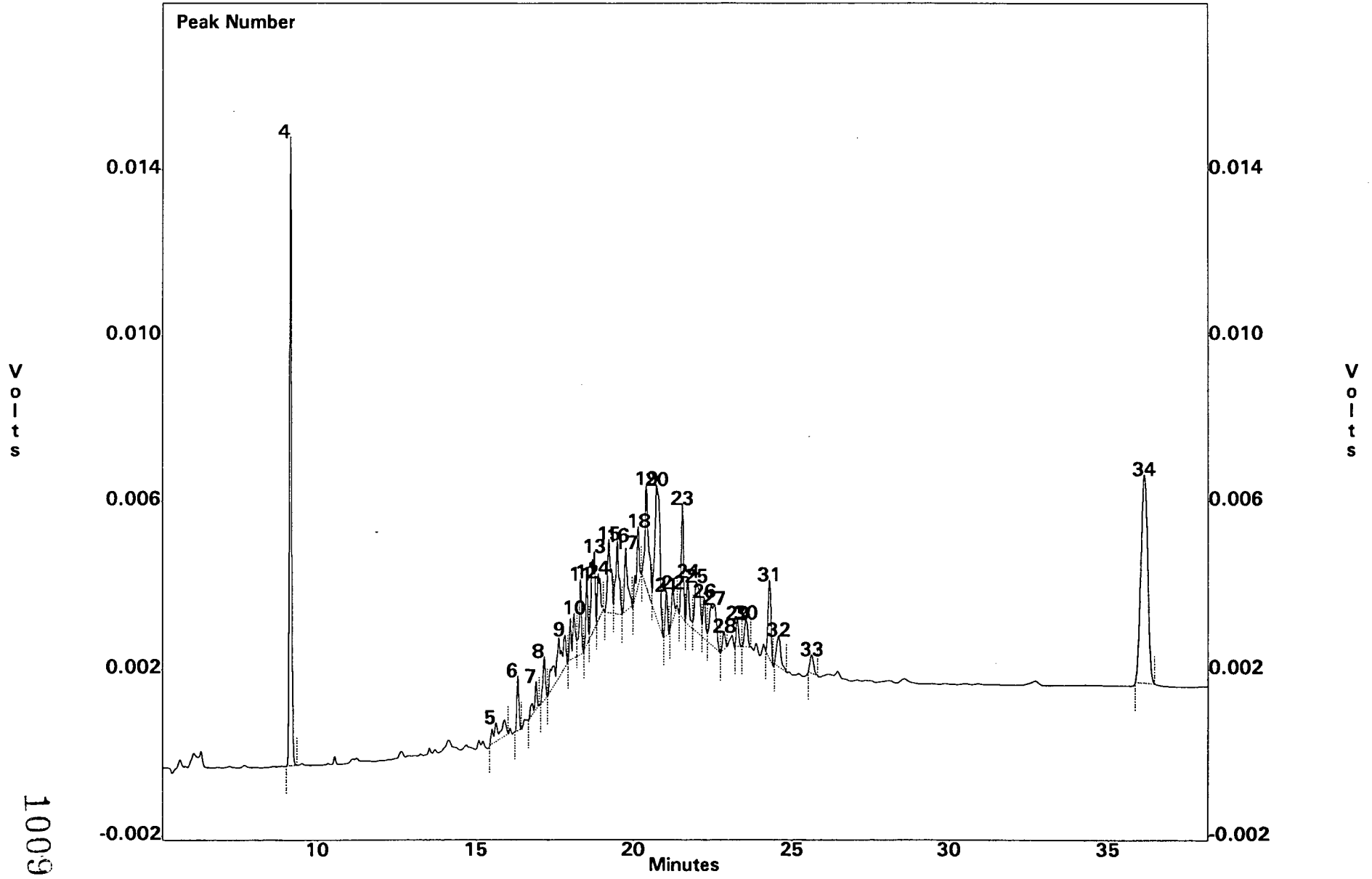
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.158	278699	80.994
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
6	BETA BHC	13.150	168783	85.798
7	HEPTACHLOR	14.058	3897	0.849
8	DELTA BHC	14.425	302230	111.122
9	ALDRIN	15.325	373674	101.039
10	HEPTACHLOR EPOXIDE	17.158	303764	86.709
11	gamma CHLORDANE	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



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

Channel B Results

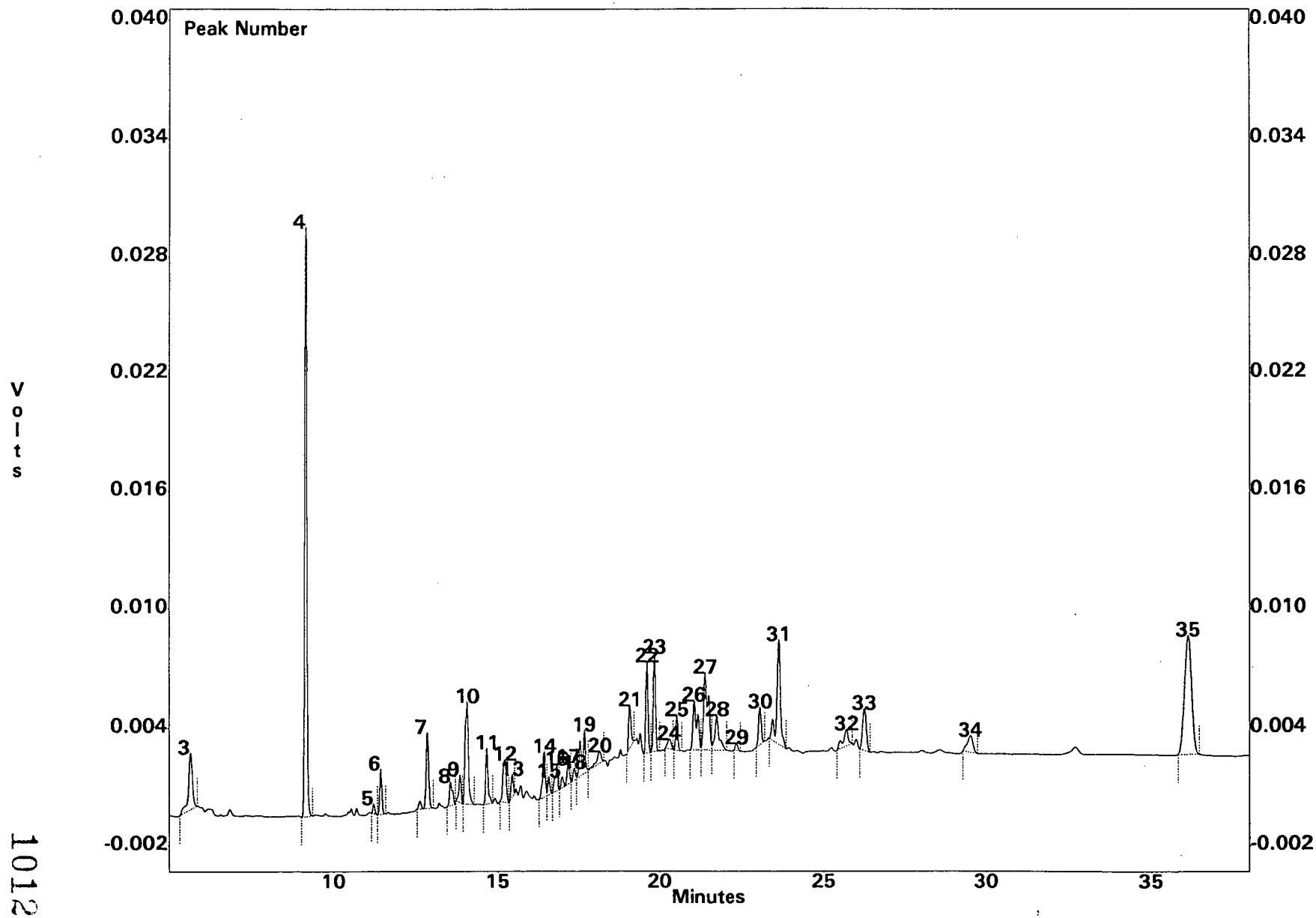
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.175	70594	20.516
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
--	HEPTACHLOR	14.058	0	0.000
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
--	HEPTACHLOR EPOXIDE	17.158	0	0.000
9	gamma CHLORDANE	17.842	18427	5.376
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



1012

File : C:\EZCHROM\CHROM\EC2\CLP\AR1060.GC2
Sample ID : AR1016/126001
Acquired : Sep 05, 1994 07:29:17

Channel B Results

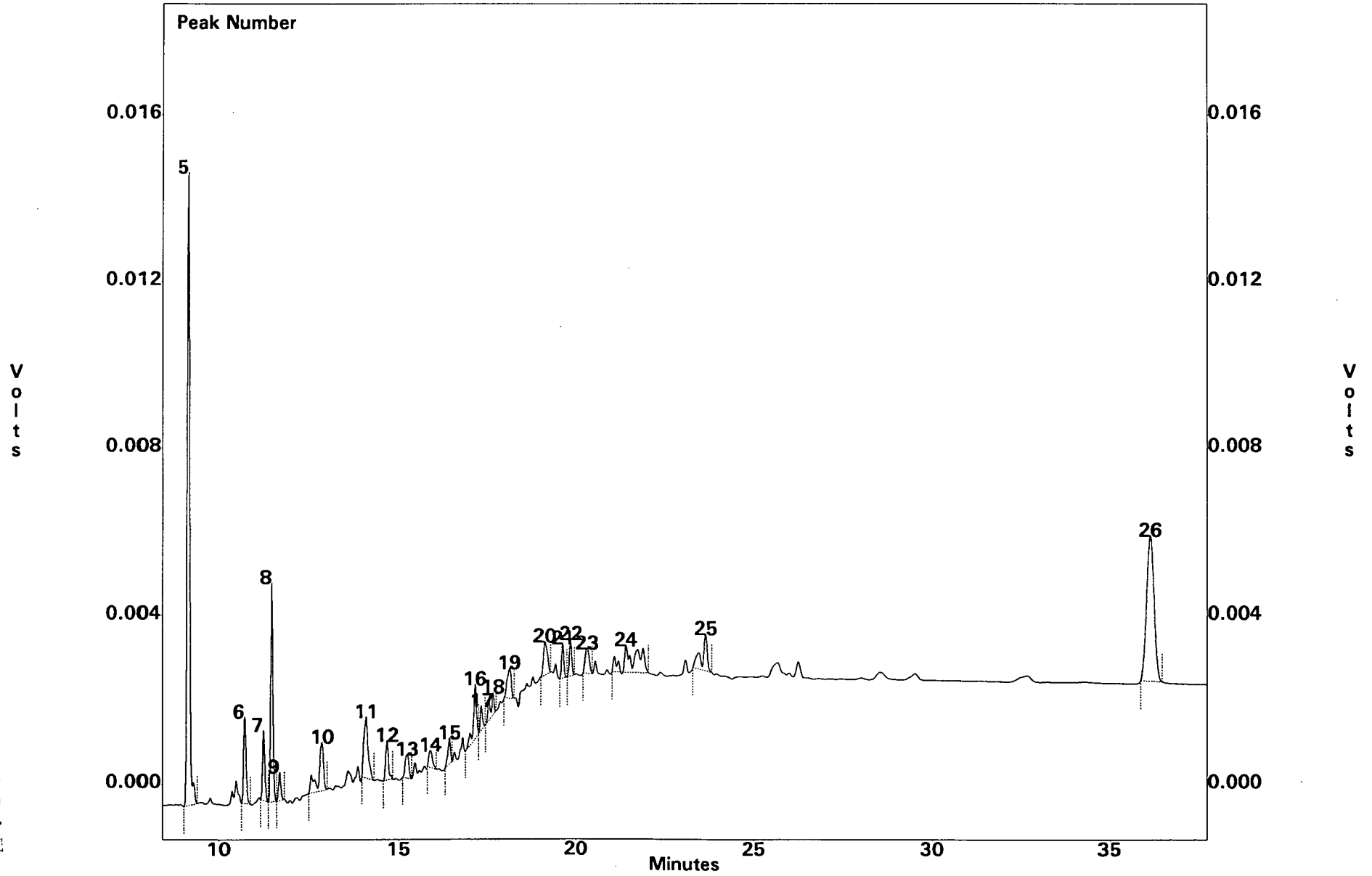
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.167	141221	41.041
--	alpha BHC	11.617	0	0.000
7	gamma BHC	12.867	22499	5.748
--	BETA BHC	13.150	0	0.000
10	HEPTACHLOR	14.083	38752	8.447
--	DELTA BHC	14.425	0	0.000
12	ALDRIN	15.217	16500	4.461
17	HEPTACHLOR EPOXIDE	17.158	8378	2.392
19	gamma CHLORDANE	17.667	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



File : C:\EZCHROM\CHROM\EC2\CLP\AR1221.GC2
Sample ID : AR122101
Acquired : Sep 05, 1994 08:26:16

Channel B Results

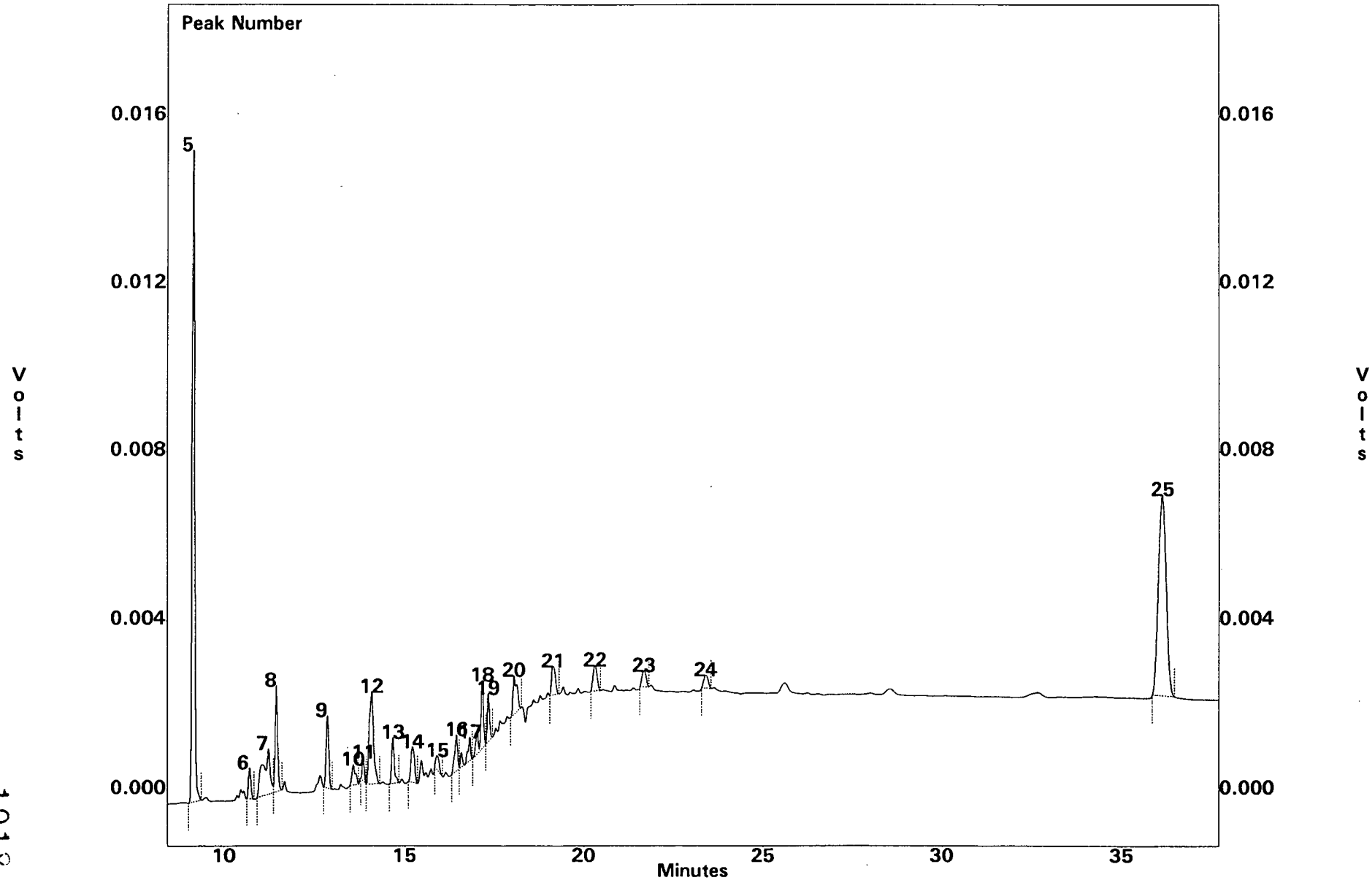
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.175	72243	20.995
9	alpha BHC	11.692	2913	0.750
10	gamma BHC	12.875	11711	2.992
--	BETA BHC	13.150	0	0.000
11	HEPTACHLOR	14.100	11698	2.550
--	DELTA BHC	14.425	0	0.000
13	ALDRIN	15.242	4163	1.126
16	HEPTACHLOR EPOXIDE	17.167	7818	2.232
18	gamma CHLORDANE	17.675	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



File : C:\EZCHROM\CHROM\EC2\CLP\AR1232.GC2
Sample ID : AR123201
Acquired : Sep 05, 1994 09:07:46

Channel B Results

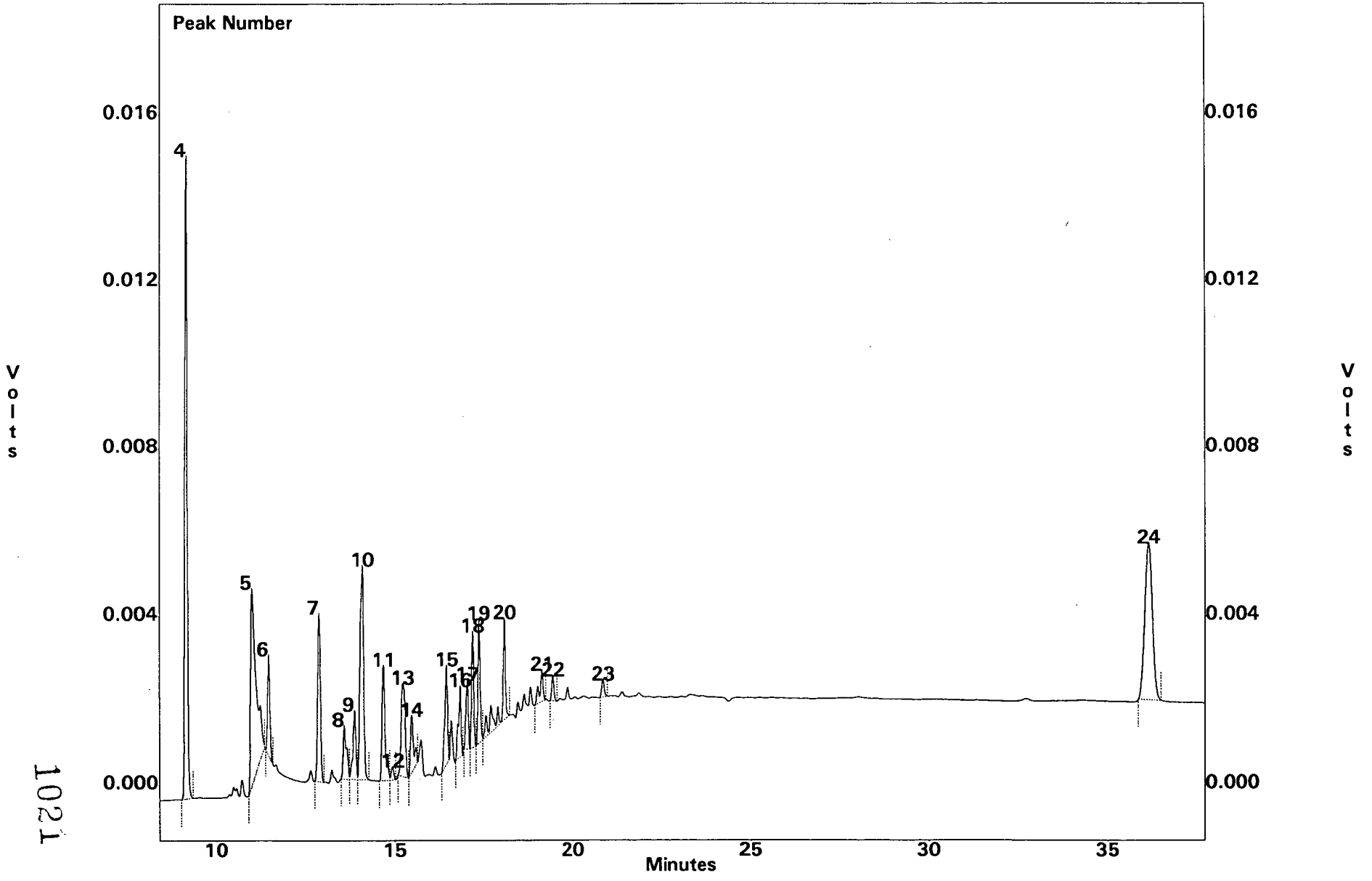
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.167	74347	21.606
--	alpha BHC	11.617	0	0.000
9	gamma BHC	12.875	9229	2.358
--	BETA BHC	13.150	0	0.000
12	HEPTACHLOR	14.092	17692	3.856
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
18	HEPTACHLOR EPOXIDE	17.167	10131	2.892
--	gamma CHLORDANE	17.575	0	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



1021

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

Channel B Results

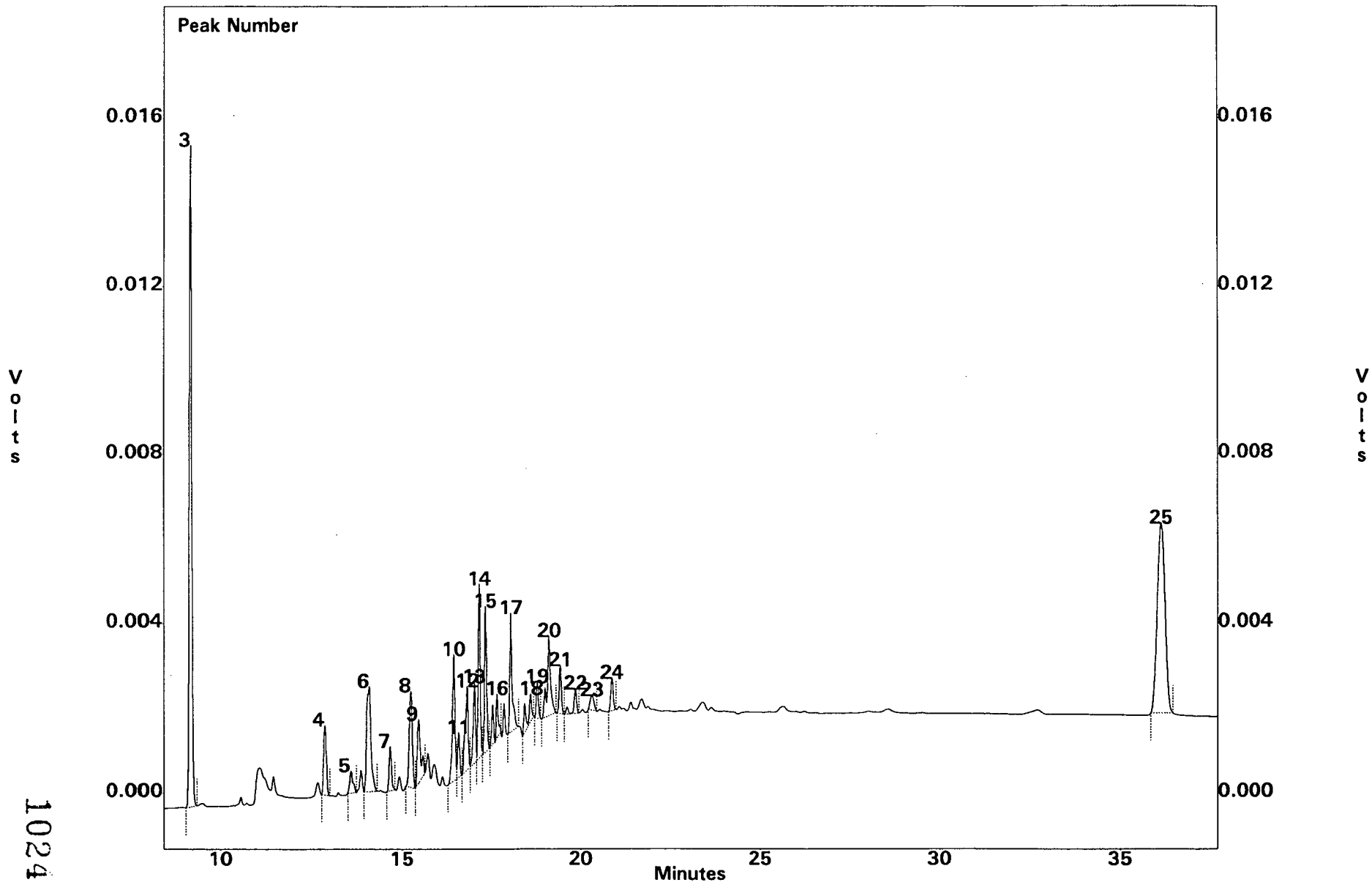
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.175	72137	20.964
--	alpha BHC	11.617	0	0.000
7	gamma BHC	12.875	20916	5.343
--	BETA BHC	13.150	0	0.000
10	HEPTACHLOR	14.092	36642	7.987
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
18	HEPTACHLOR EPOXIDE	17.167	10025	2.862
--	gamma CHLORDANE	17.575	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



1024

File : C:\EZCHROM\CHROM\EC2\CLP\AR1248.GC2
Sample ID : AR124801
Acquired : Sep 05, 1994 10:29:50

Channel B Results

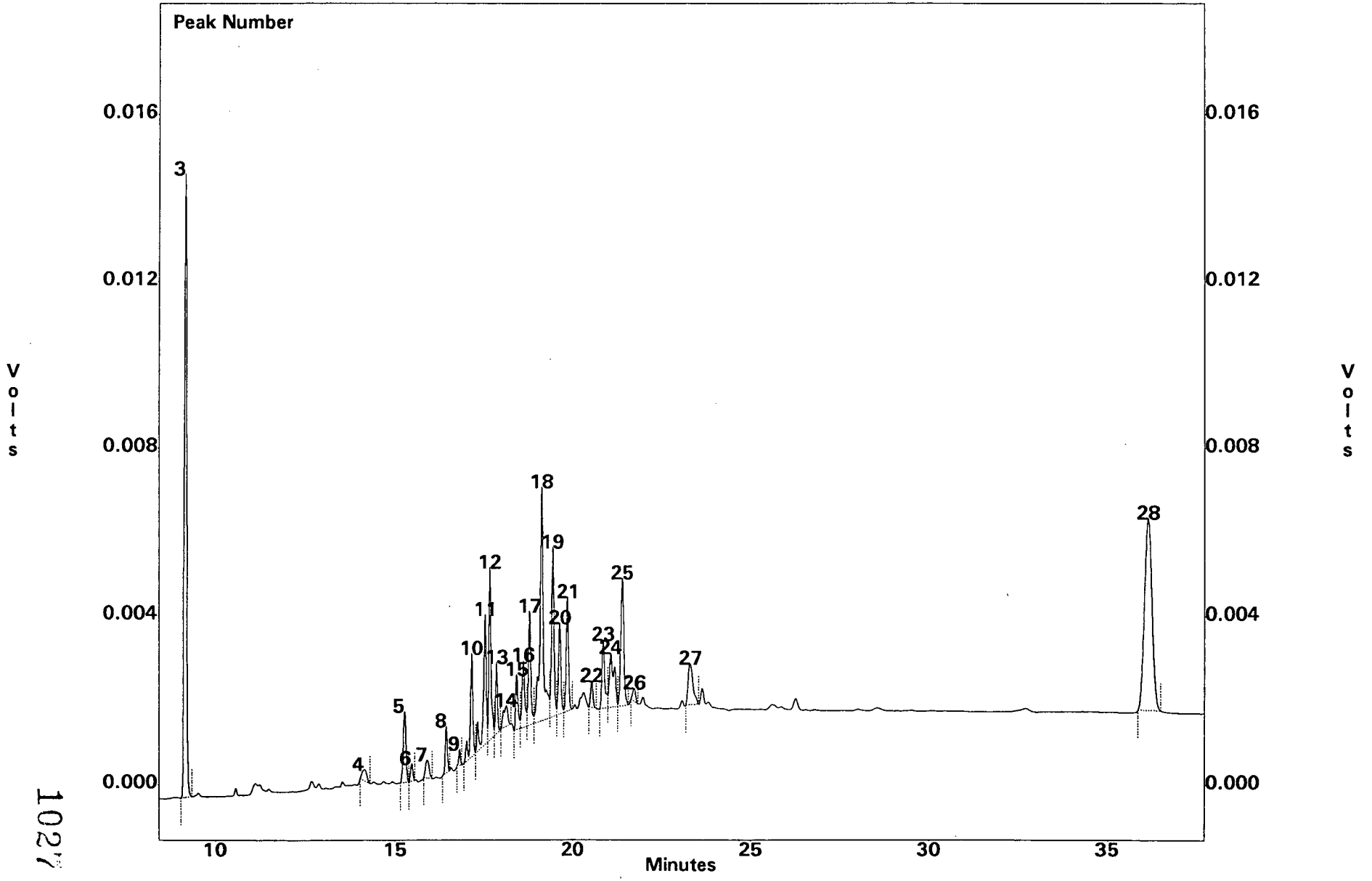
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
3	TCMX	9.175	73111	21.247
--	alpha BHC	11.617	0	0.000
4	gamma BHC	12.875	8295	2.119
--	BETA BHC	13.150	0	0.000
6	HEPTACHLOR	14.100	21411	4.667
--	DELTA BHC	14.425	0	0.000
8	ALDRIN	15.258	14191	3.837
14	HEPTACHLOR EPOXIDE	17.167	16204	4.626
16	gamma CHLORDANE	17.675	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

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



1027

File : C:\EZCHROM\CHROM\EC2\CLP\AR1254.GC2
Sample ID : AR125401
Acquired : Sep 05, 1994 11:12:56

Channel B Results

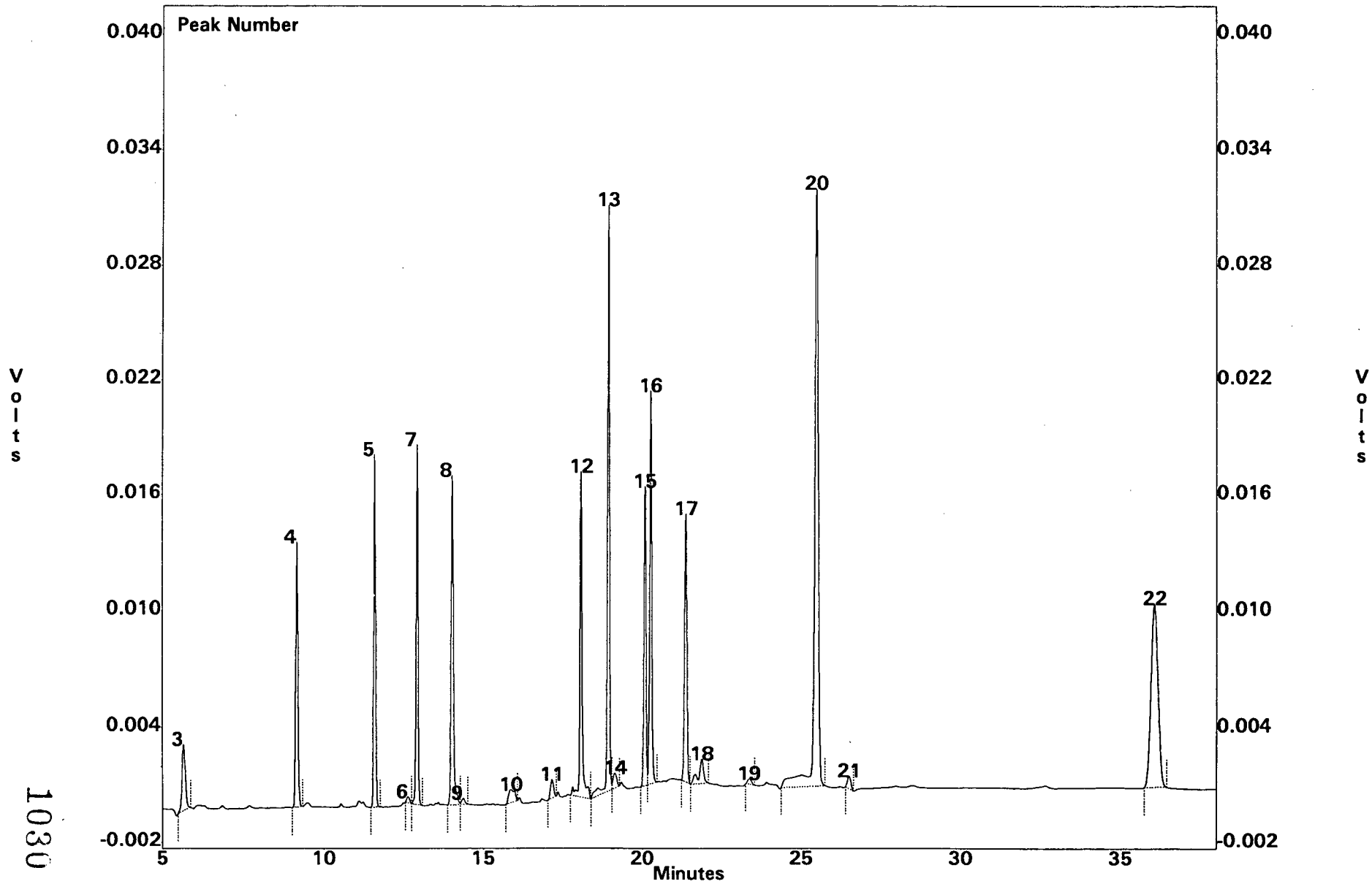
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
3	TCMX	9.175	69777	20.278
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
4	HEPTACHLOR	14.150	2501	0.545
--	DELTA BHC	14.425	0	0.000
5	ALDRIN	15.267	9012	2.437
10	HEPTACHLOR EPOXIDE	17.167	11869	3.388
11	gamma CHLORDANE	17.550	17012	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



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

Channel B Results

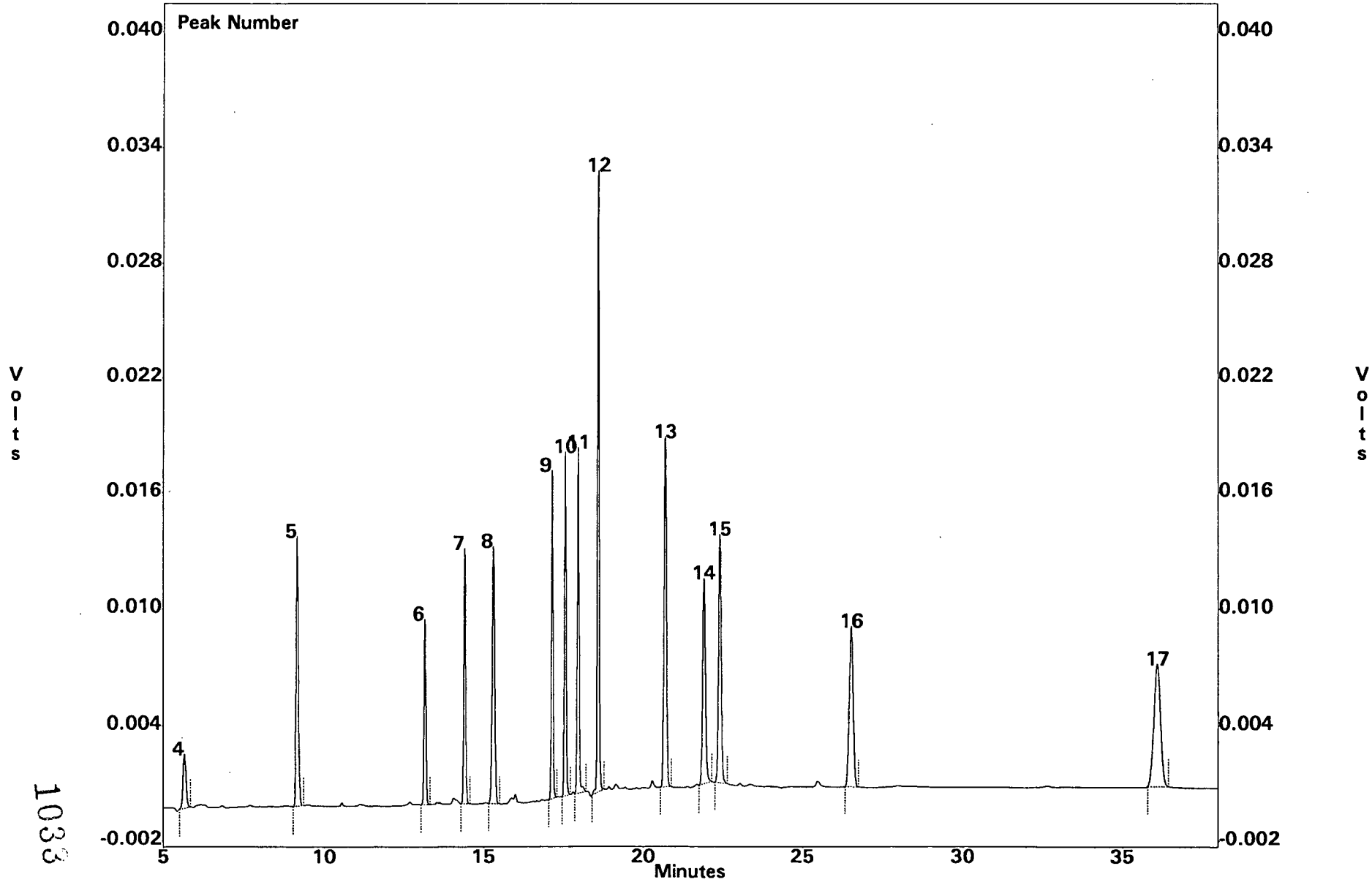
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.150	64329	18.695
5	alpha BHC	11.592	71443	18.404
7	gamma BHC	12.925	72979	18.643
--	BETA BHC	13.150	0	0.000
8	HEPTACHLOR	14.033	89910	19.598
9	DELTA BHC	14.383	2098	0.771
--	ALDRIN	15.325	0	0.000
11	HEPTACHLOR EPOXIDE	17.150	6655	1.900
--	gamma CHLORDANE	17.575	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

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



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

Channel B Results

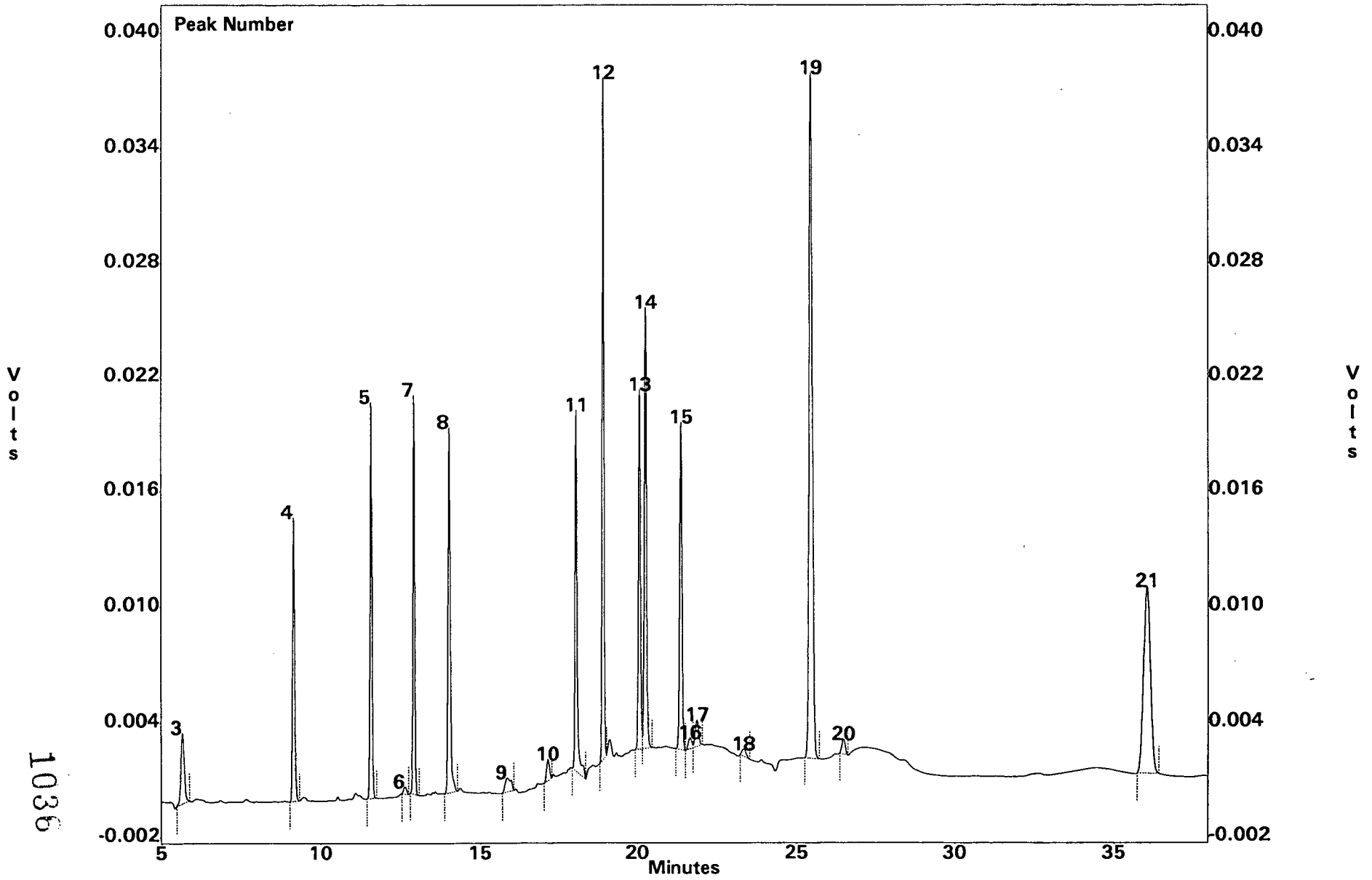
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.158	65306	18.979
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
6	BETA BHC	13.142	38052	19.343
--	HEPTACHLOR	14.058	0	0.000
7	DELTA BHC	14.417	53661	19.730
8	ALDRIN	15.308	71932	19.450
9	HEPTACHLOR EPOXIDE	17.150	65957	18.827
10	gamma CHLORDANE	17.567	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

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



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

Channel B Results

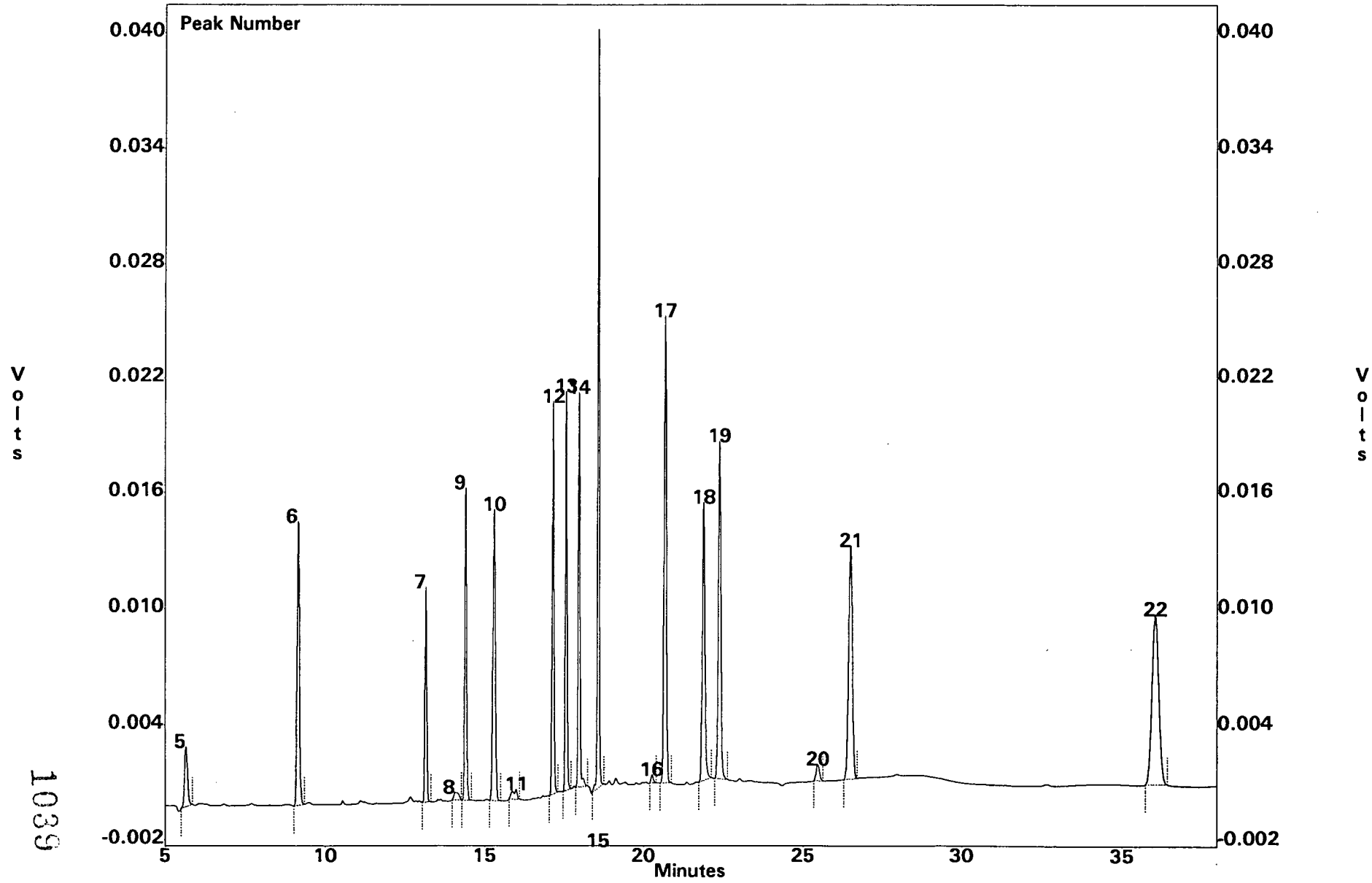
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.150	69792	20.283
5	alpha BHC	11.592	79729	20.538
7	gamma BHC	12.925	80002	20.437
--	BETA BHC	13.150	0	0.000
8	HEPTACHLOR	14.033	98171	21.399
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
10	HEPTACHLOR EPOXIDE	17.150	7353	2.099
--	gamma CHLORDANE	17.575	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



1039

File : C:\EZCHROM\CHROM\EC2\CLP\INDBM03.GC2
Sample ID : indbm03
Acquired : Sep 06, 1994 19:06:42

Channel B Results

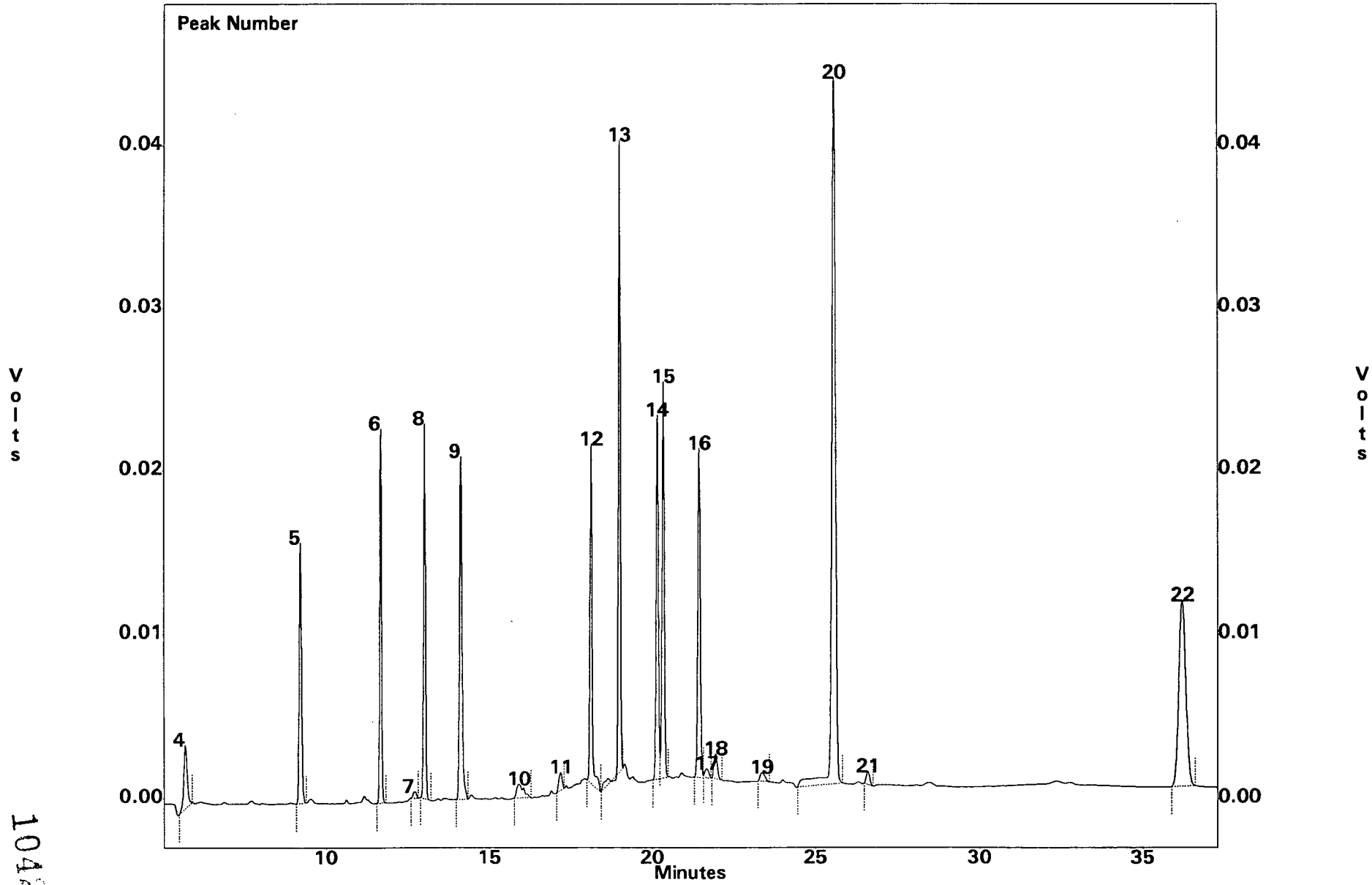
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
6	TCMX	9.150	69544	20.210
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
7	BETA BHC	13.133	44233	22.485
8	HEPTACHLOR	14.058	4397	0.959
9	DELTA BHC	14.408	64839	23.840
10	ALDRIN	15.300	81104	21.930
12	HEPTACHLOR EPOXIDE	17.142	77789	22.205
13	gamma CHLORDANE	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



1042

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

Channel B Results

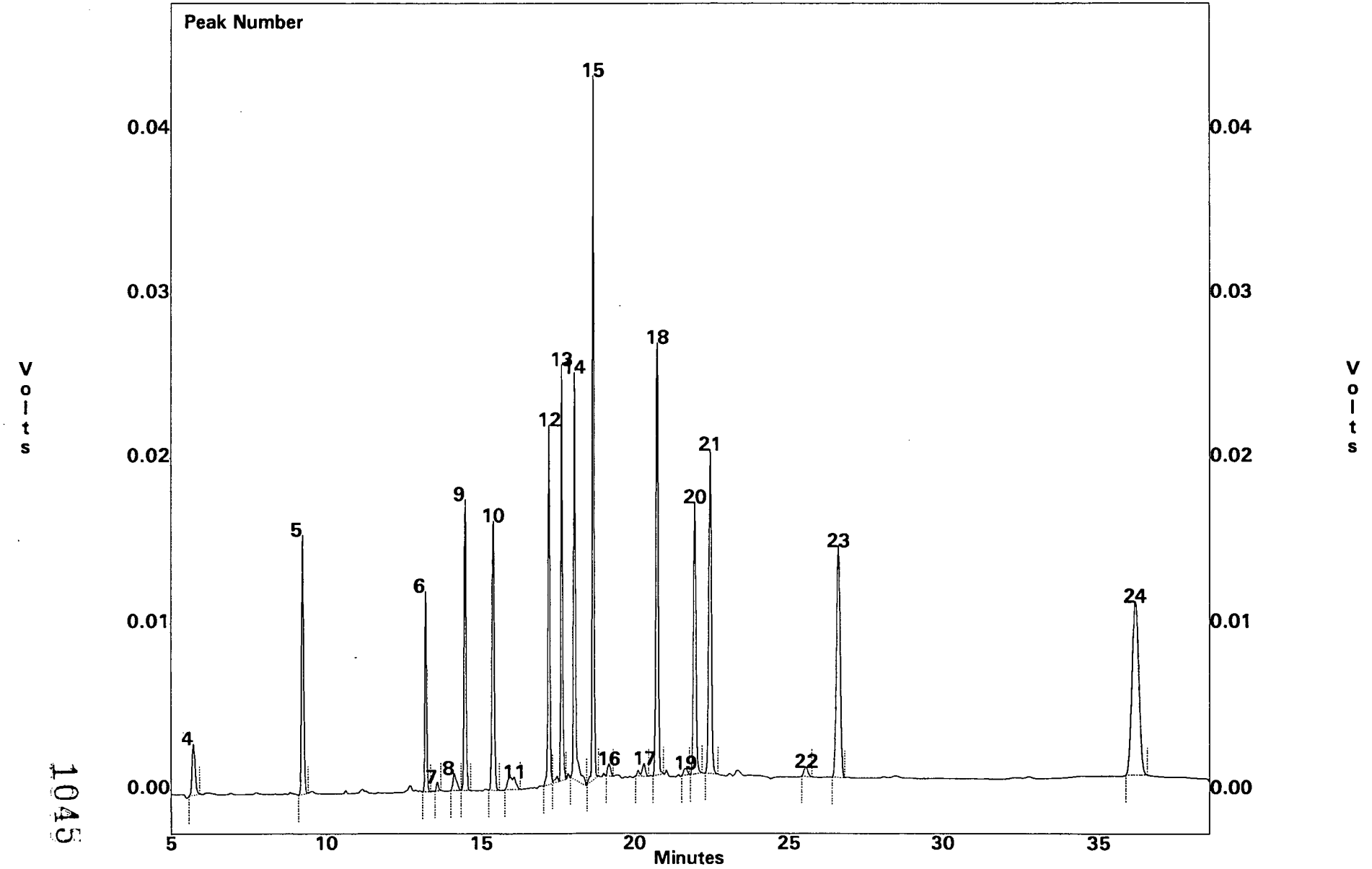
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.242	74888	21.764
6	alpha BHC	11.683	87762	22.608
8	gamma BHC	13.017	88278	22.551
--	BETA BHC	13.150	0	0.000
9	HEPTACHLOR	14.125	109293	23.823
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
11	HEPTACHLOR EPOXIDE	17.200	7929	2.263
--	gamma CHLORDANE	17.575	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



1045

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

Channel B Results

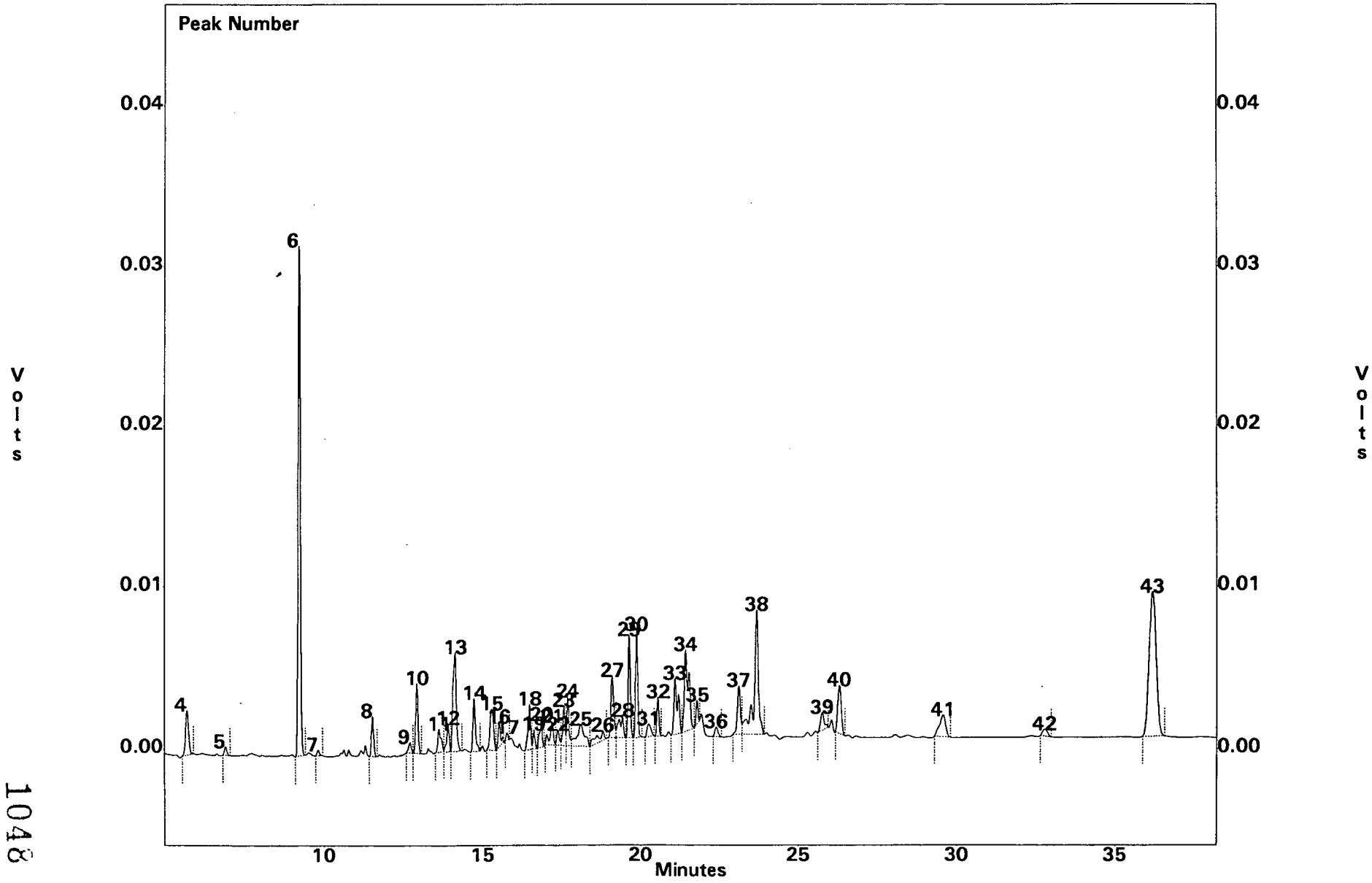
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.233	73479	21.354
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
6	BETA BHC	13.208	48130	24.466
8	HEPTACHLOR	14.133	8911	1.943
9	DELTA BHC	14.492	71809	26.402
10	ALDRIN	15.392	89155	24.107
12	HEPTACHLOR EPOXIDE	17.208	88018	25.125
13	gamma CHLORDANE	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



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

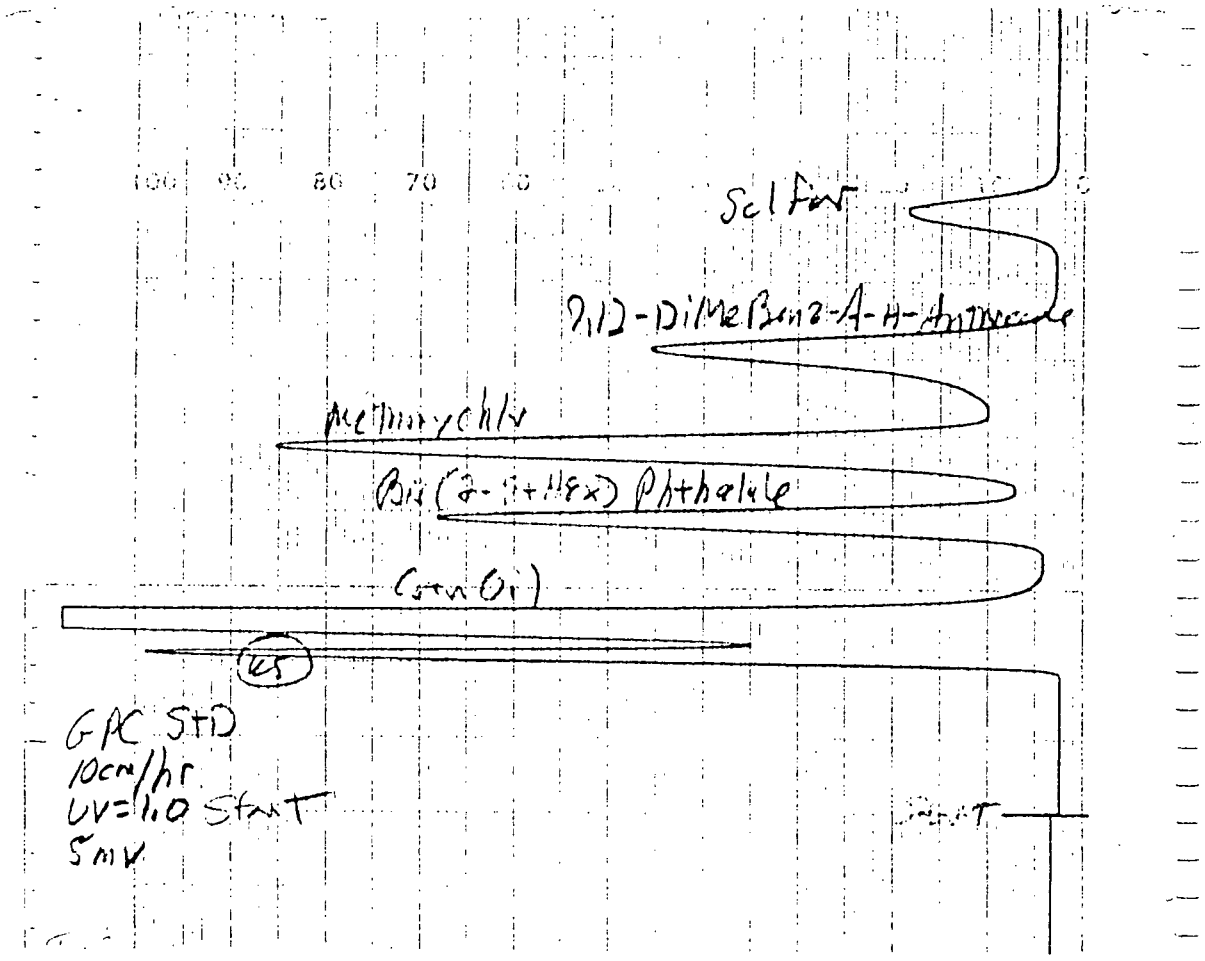
Channel B Results

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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60
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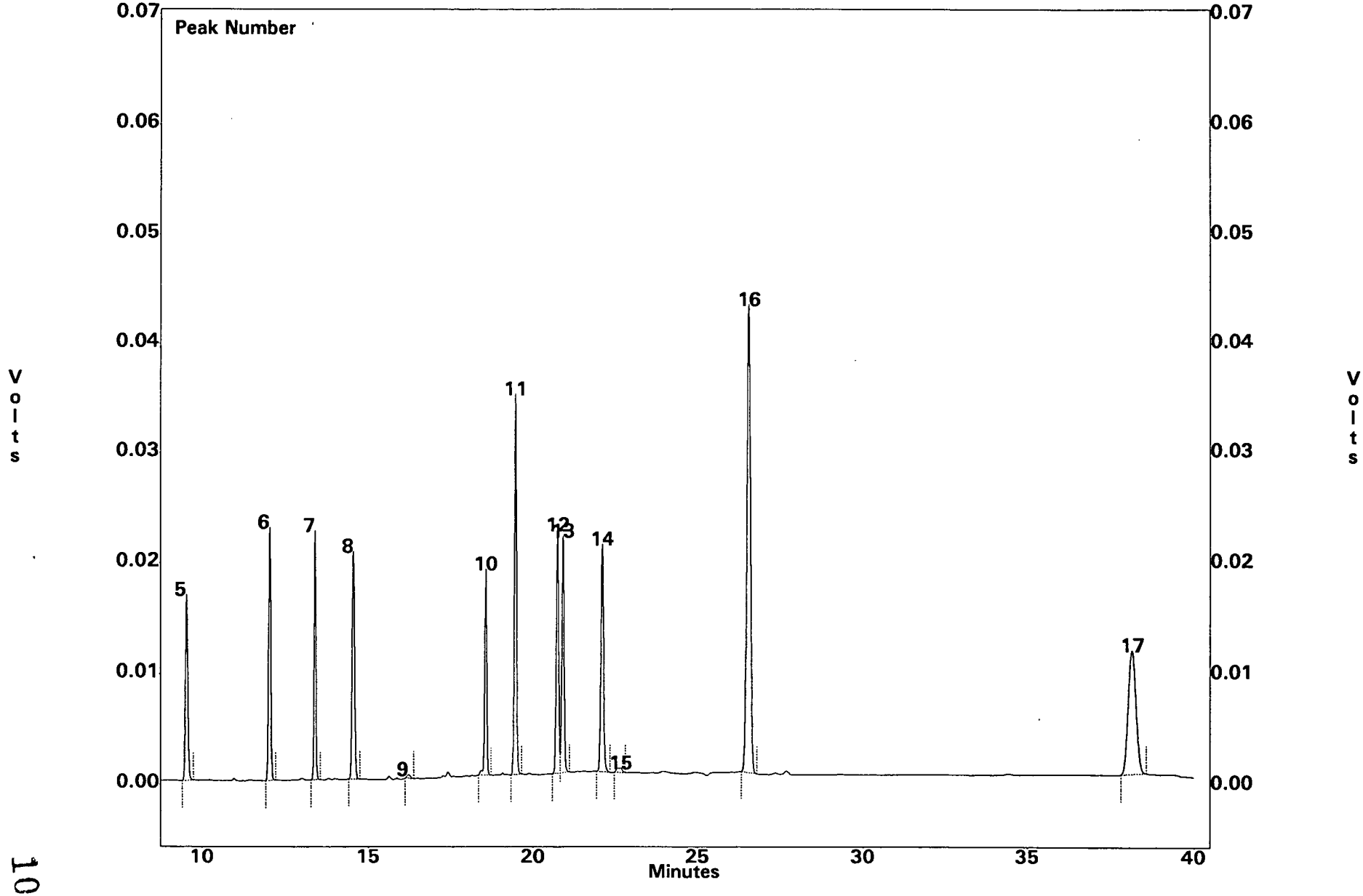
Start

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

Y

See Narrative

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

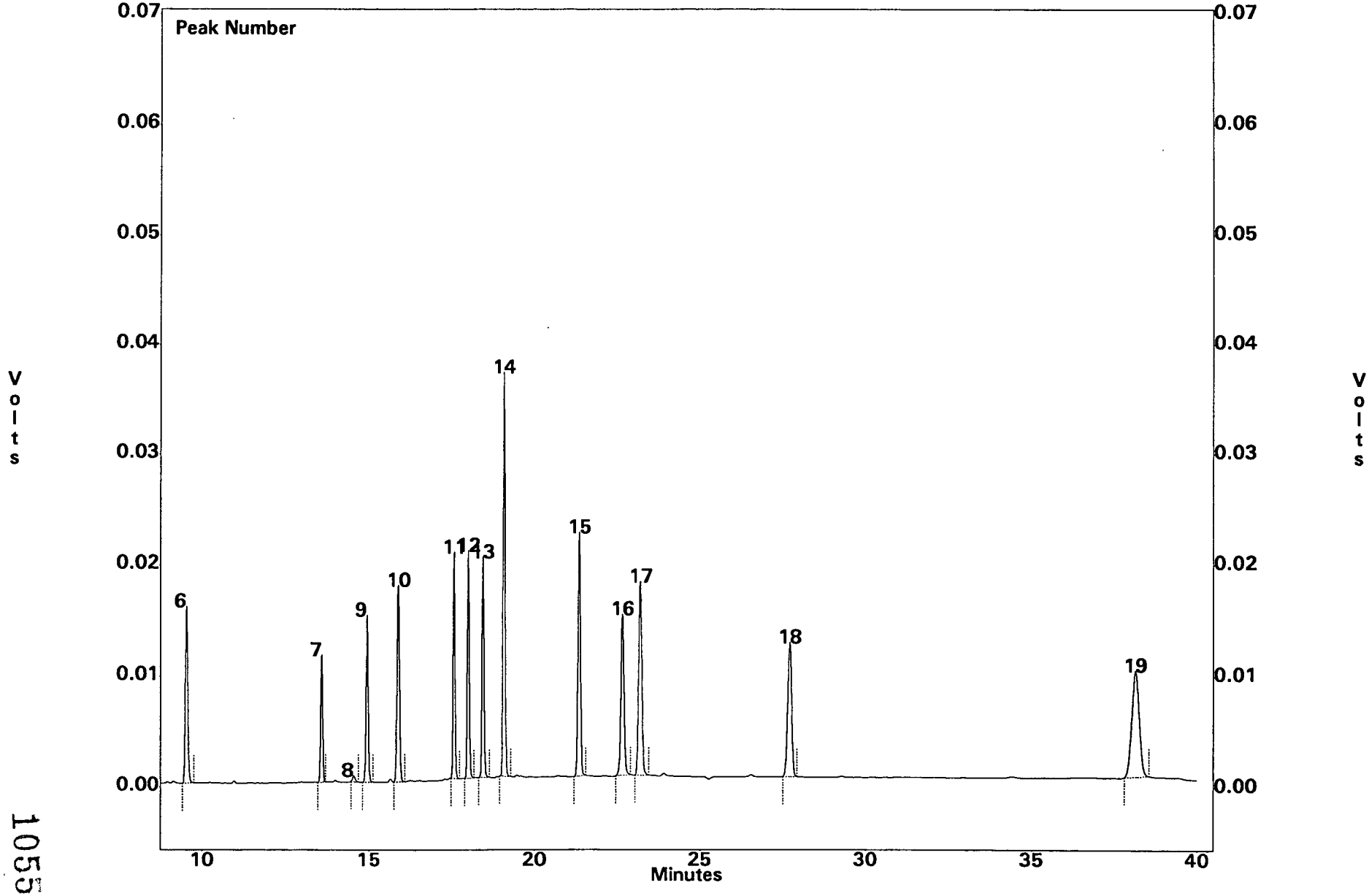
PEAK #	RT, MIN	AREA
1	1.300	191429
2	1.658	21075
3	1.833	11309
4	5.950	6009
9	16.258	2363

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

See Narrative

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



1055

File : C:\EZCHROM\CHROM\EC2\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

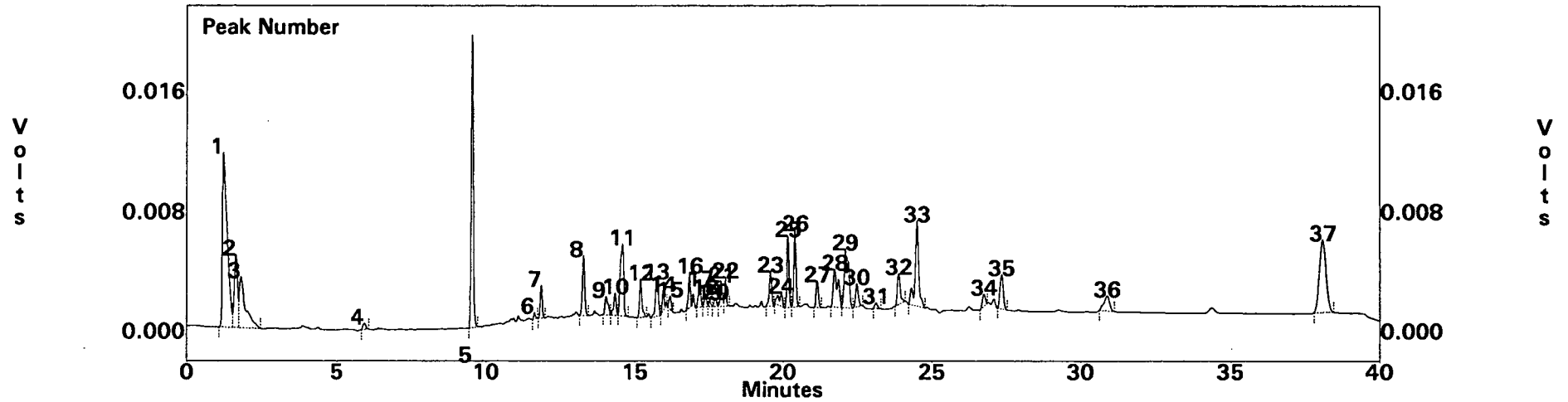
Channel B Results

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

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

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

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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) UG/L

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

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

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

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK02 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: 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) UG/L

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

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK03 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: 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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK04 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: 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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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

1066

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK05 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: 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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK06 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: 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: (ug/L or ug/Kg) UG/L

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

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK05 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: 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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK01 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: 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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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#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: 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) UG/L

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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

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

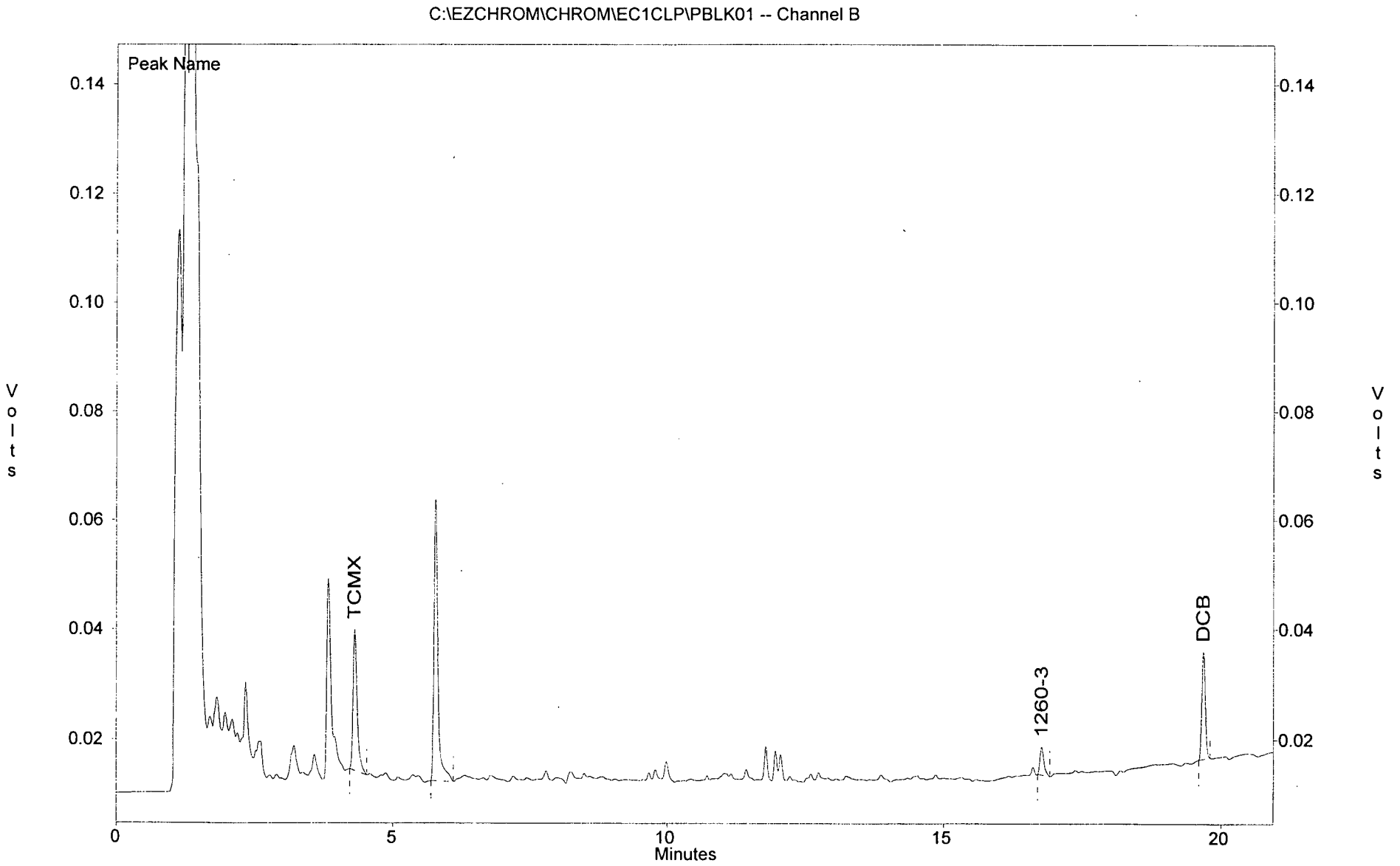
Injection Volume: 2 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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



1075

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

Channel B Results

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

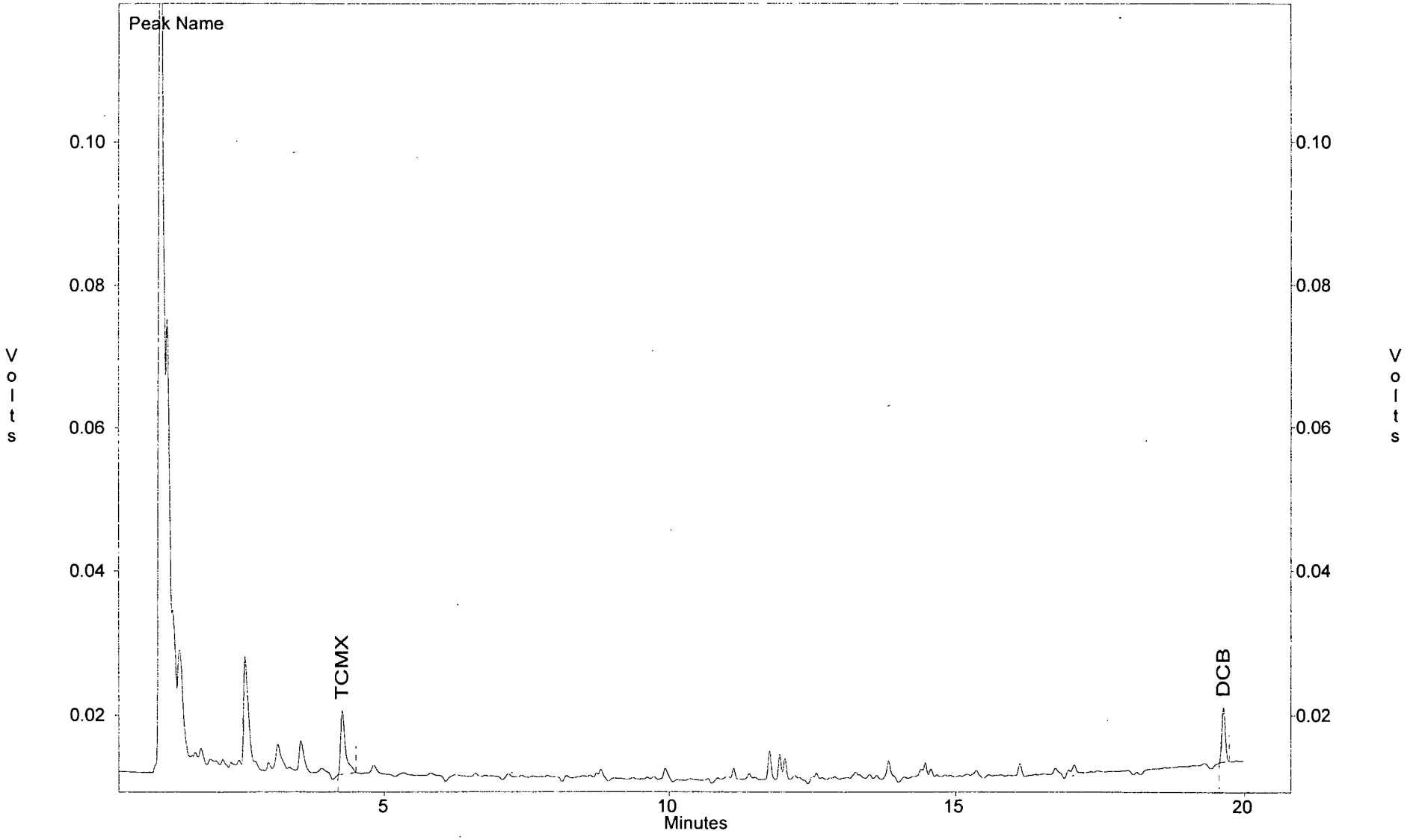
Channel B Results

RT	AREA
5.77	257491

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

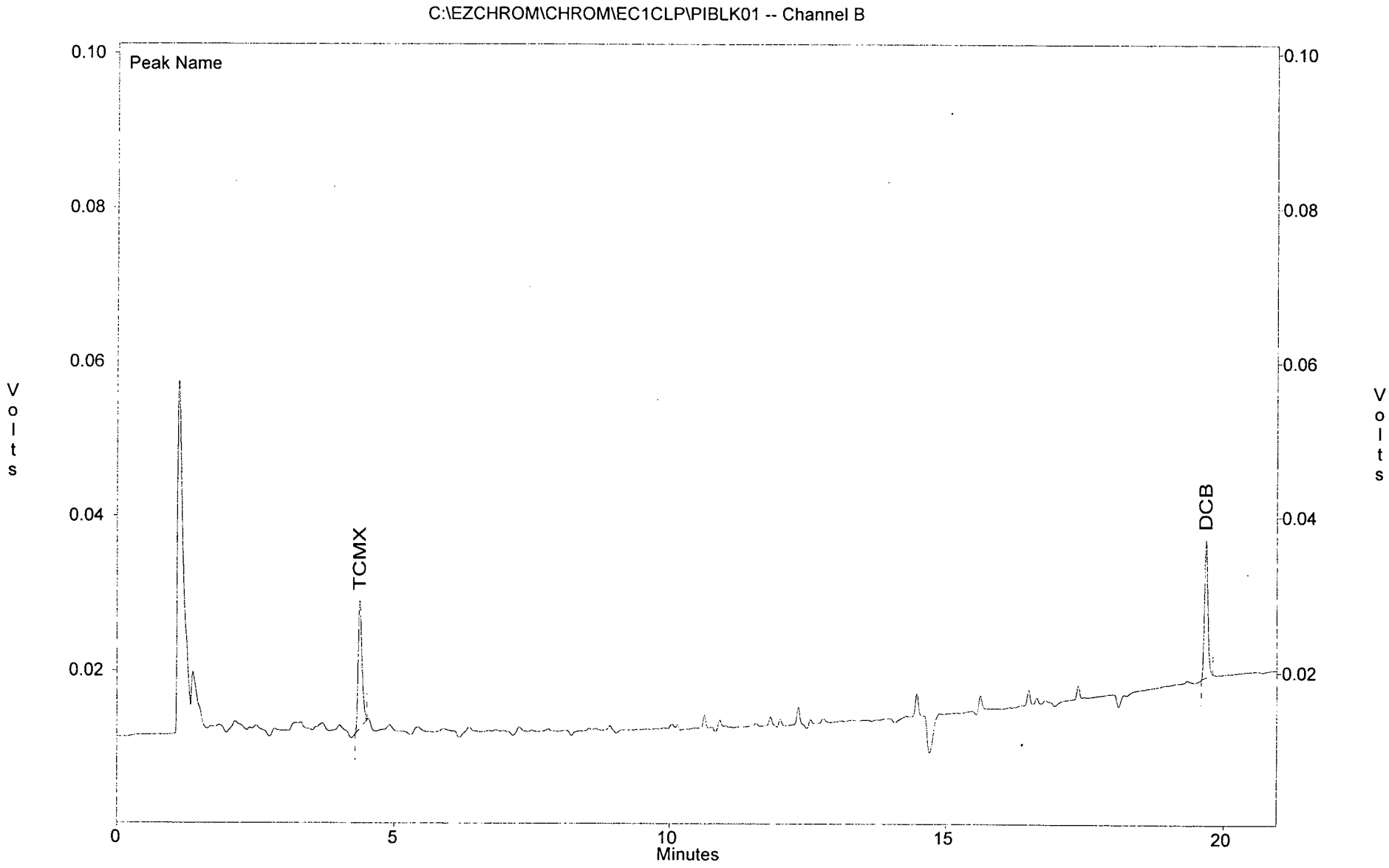
	COMPOUND	RT	AREA	EXTD CONC.
NG/ML	TCMX	4.27	50195	10.89
	DCB	19.63	30710	7.45

Channel B Results

RT	AREA

1078

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



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

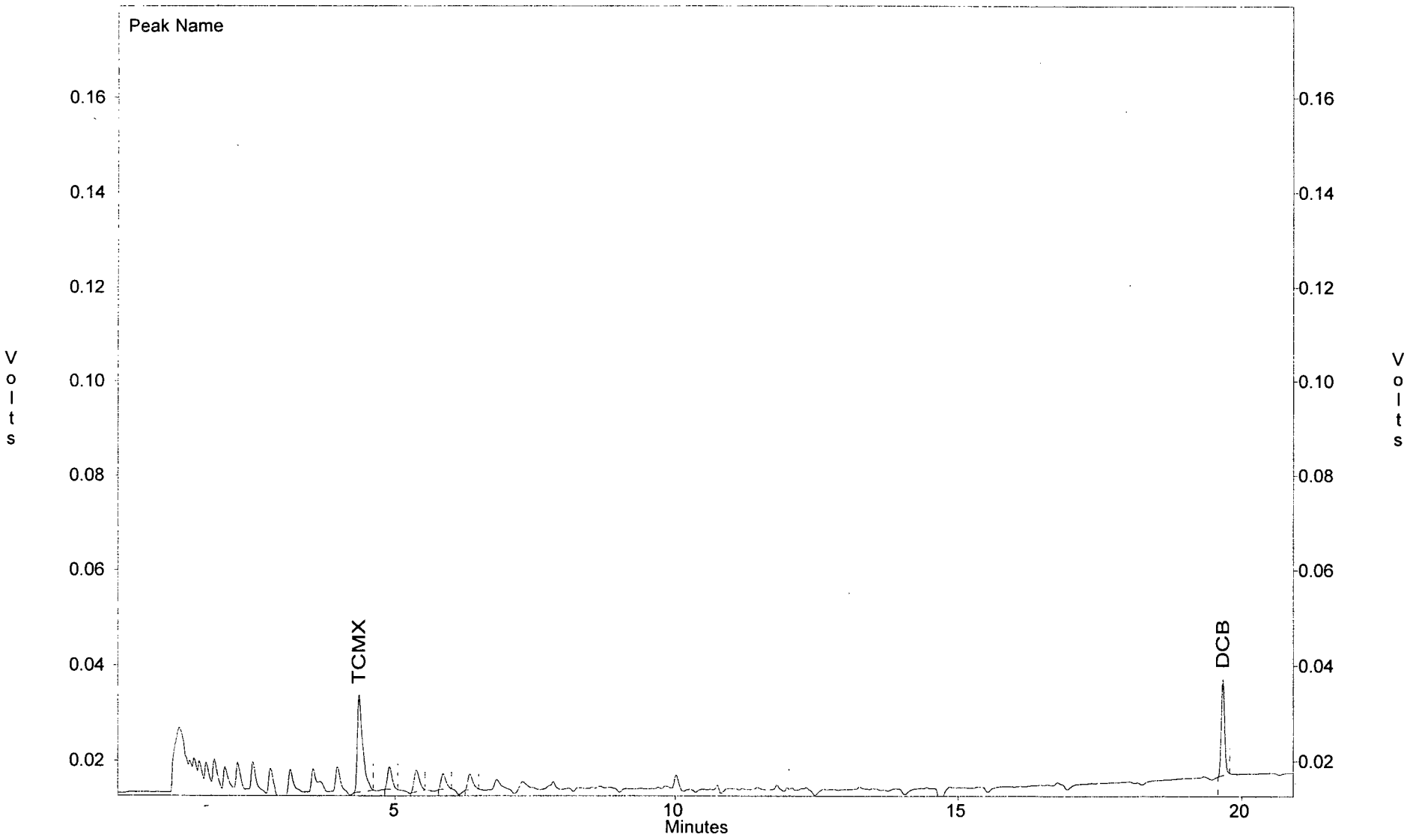
Channel B Results

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



1081

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

Channel B Results

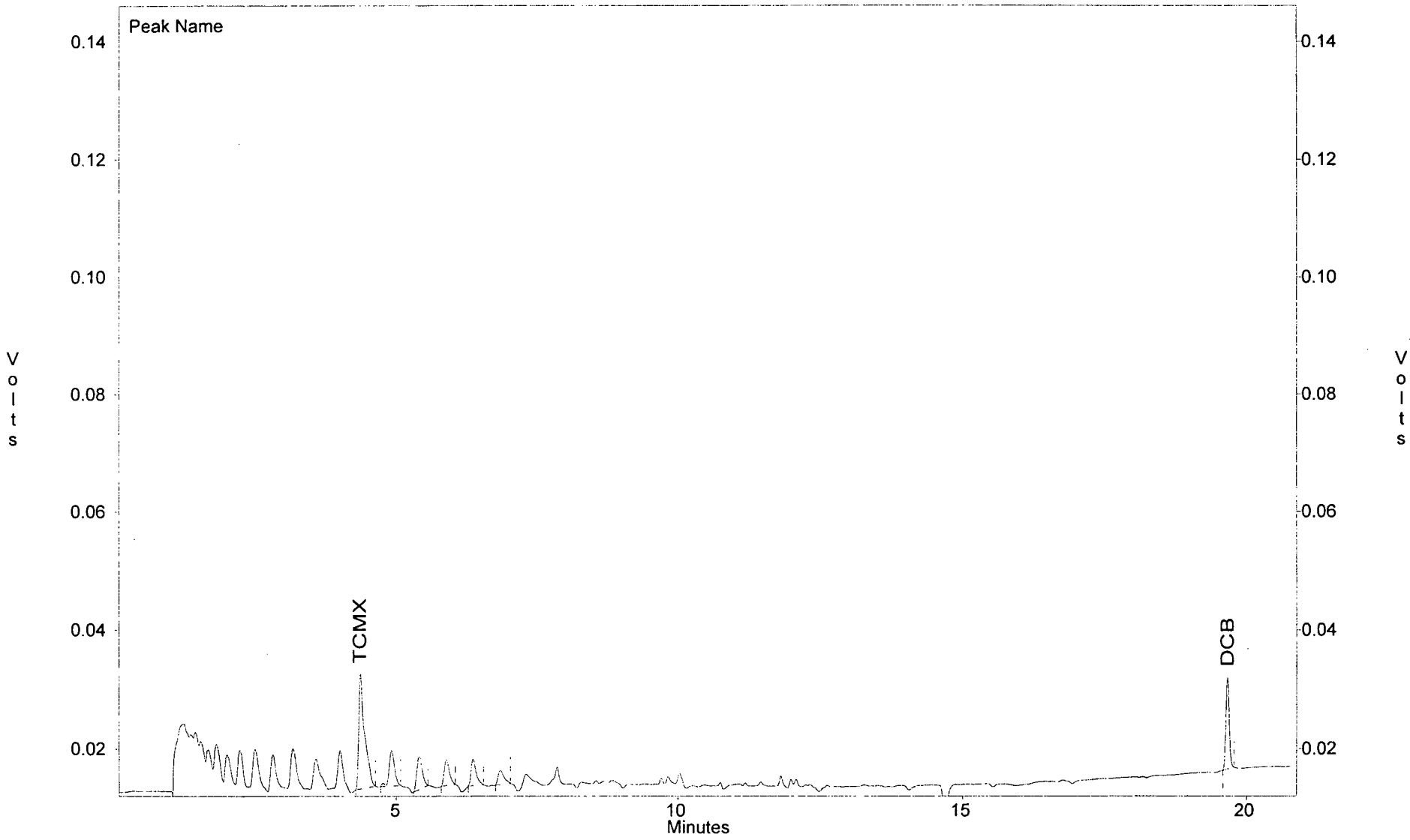
	COMPOUND	RT	AREA	EXTD CONC.
NG/ML	TCMX	4.36	130387	28.28
	DCB	19.66	83685	20.30

Channel B Results

RT	AREA
4.90	26995
5.38	30128
5.86	20190
6.34	21337

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



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

Channel B Results

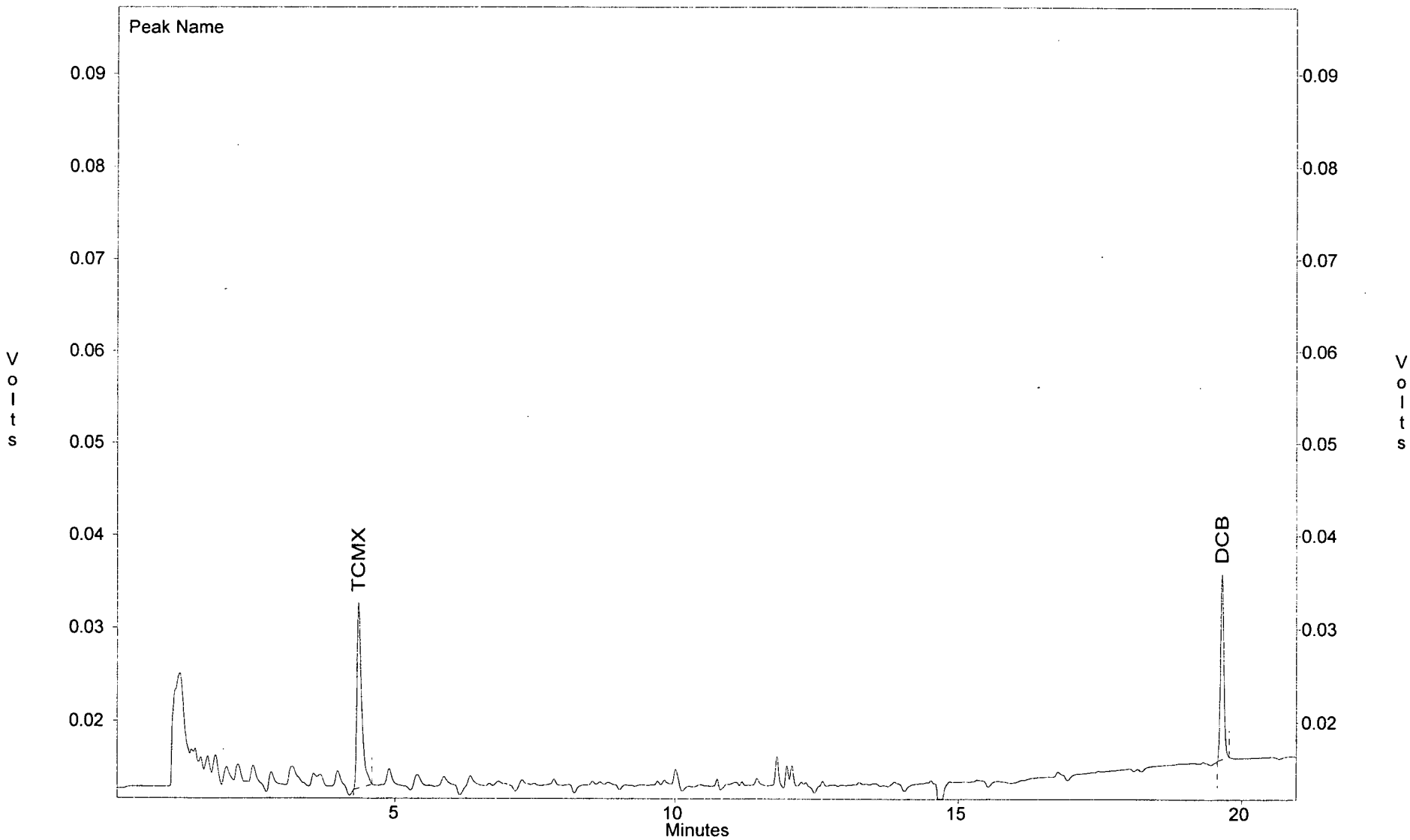
	COMPOUND	RT	AREA	EXTD CONC.
NG/ML	TCMX	4.36	138830	30.11
	DCB	19.66	62362	15.13

Channel B Results

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

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



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

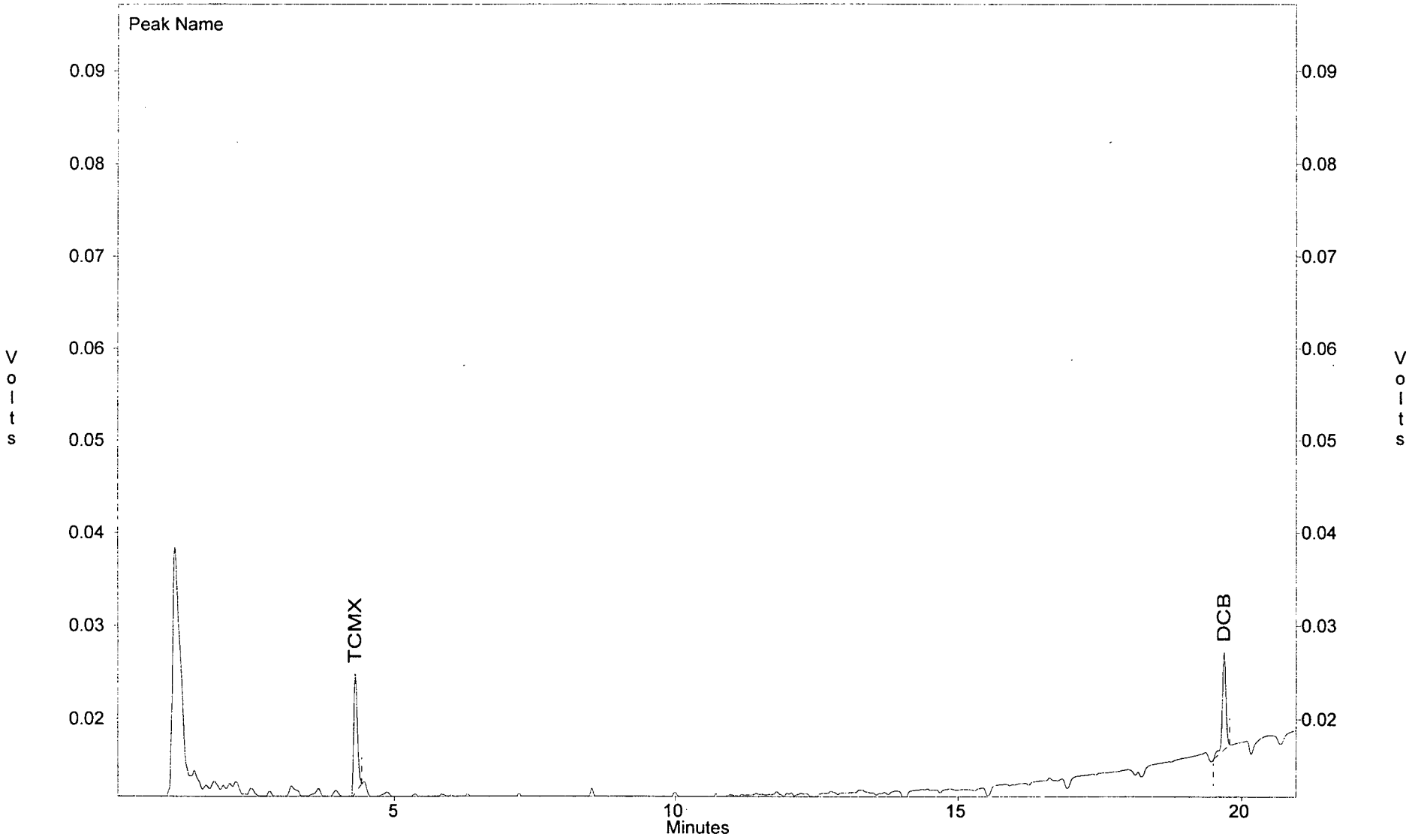
Channel B Results

RT	AREA

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



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

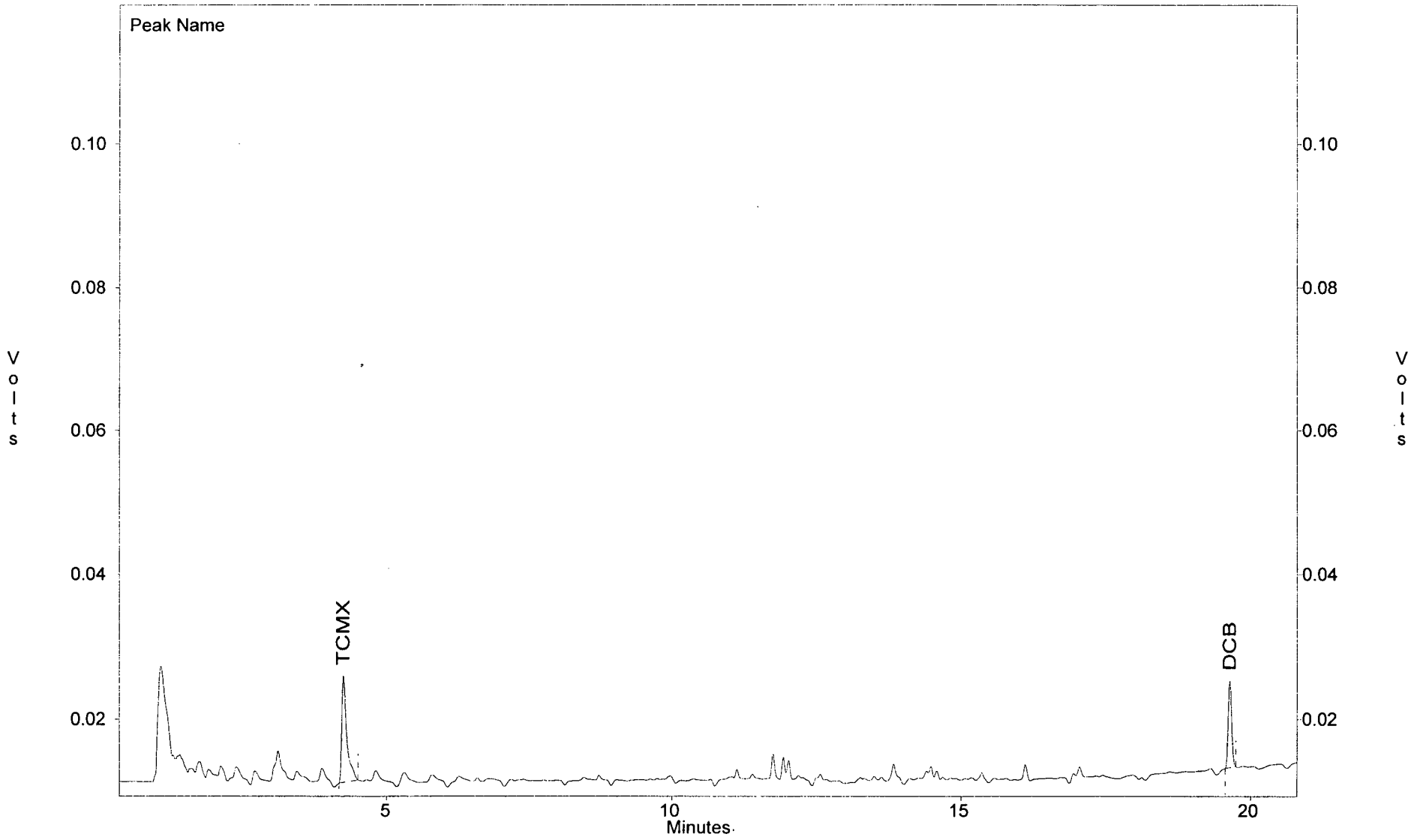
Channel B Results

RT	AREA

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



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

Channel B Results

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

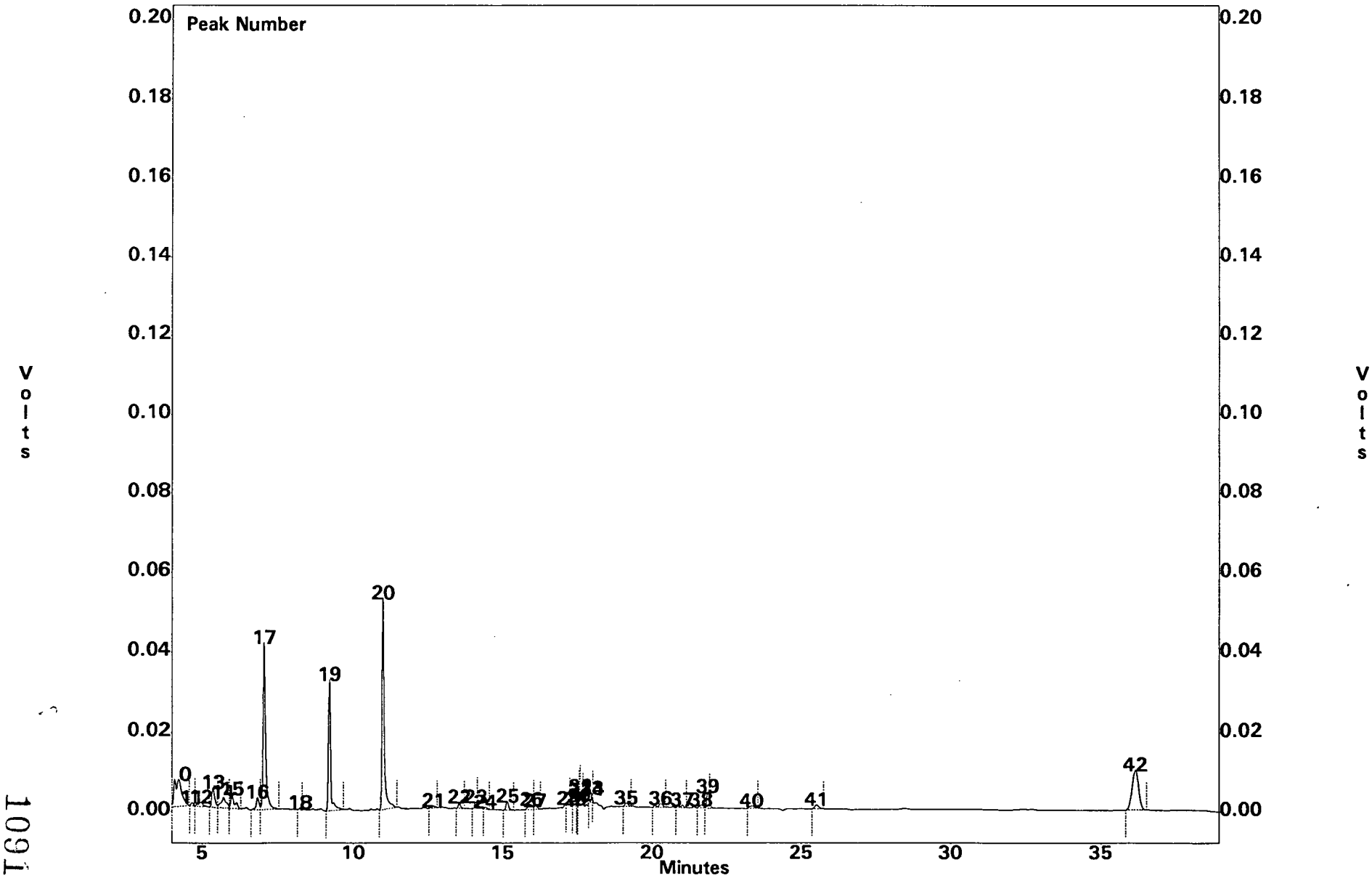
Channel B Results

RT	AREA

1090

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



1091

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

Channel B Results

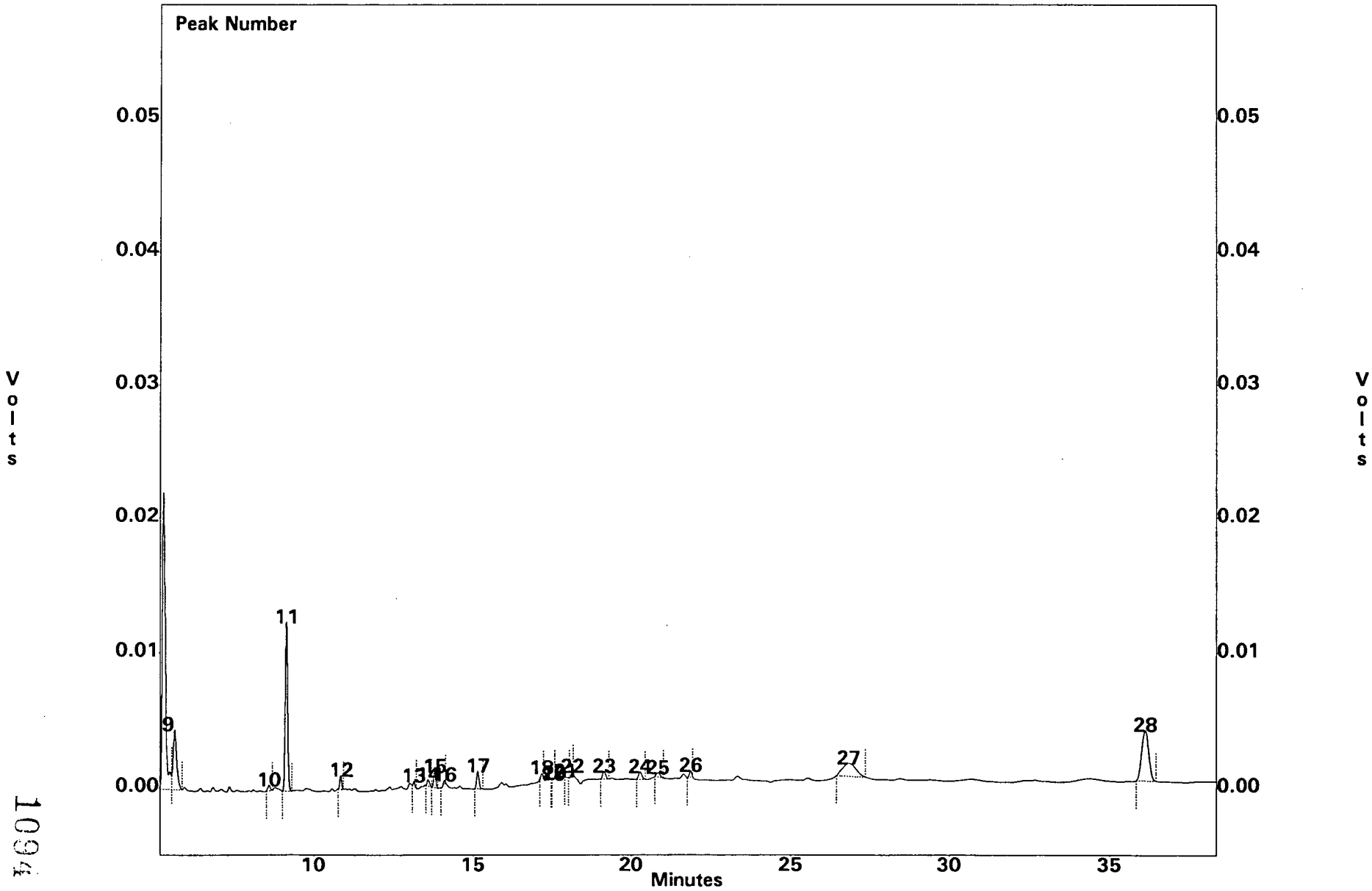
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
19	TCMX	9.217	173449	50.407
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
23	HEPTACHLOR	14.108	3783	0.825
24	DELTA BHC	14.425	2611	0.960
--	ALDRIN	15.325	0	0.000
28	HEPTACHLOR EPOXIDE	17.192	1589	0.454
31	gamma CHLORDANE	17.583	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

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



1094

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

Channel B Results

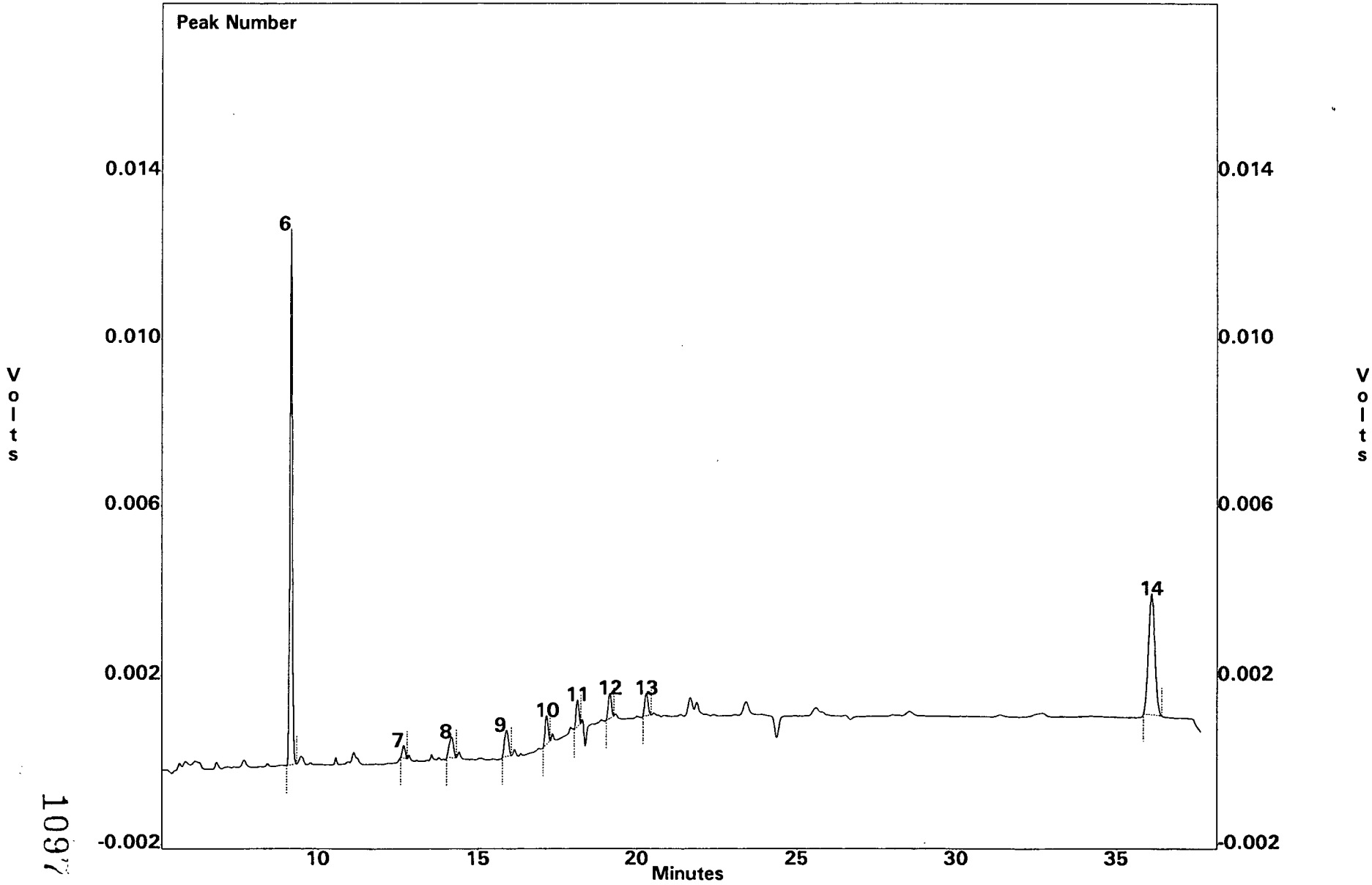
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
11	TCMX	9.208	59509	17.294
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
13	BETA BHC	13.167	1331	0.677
16	HEPTACHLOR	14.117	1001	0.218
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
18	HEPTACHLOR EPOXIDE	17.175	1902	0.543
20	gamma CHLORDANE	17.583	186	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

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

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



1097

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

Channel B Results

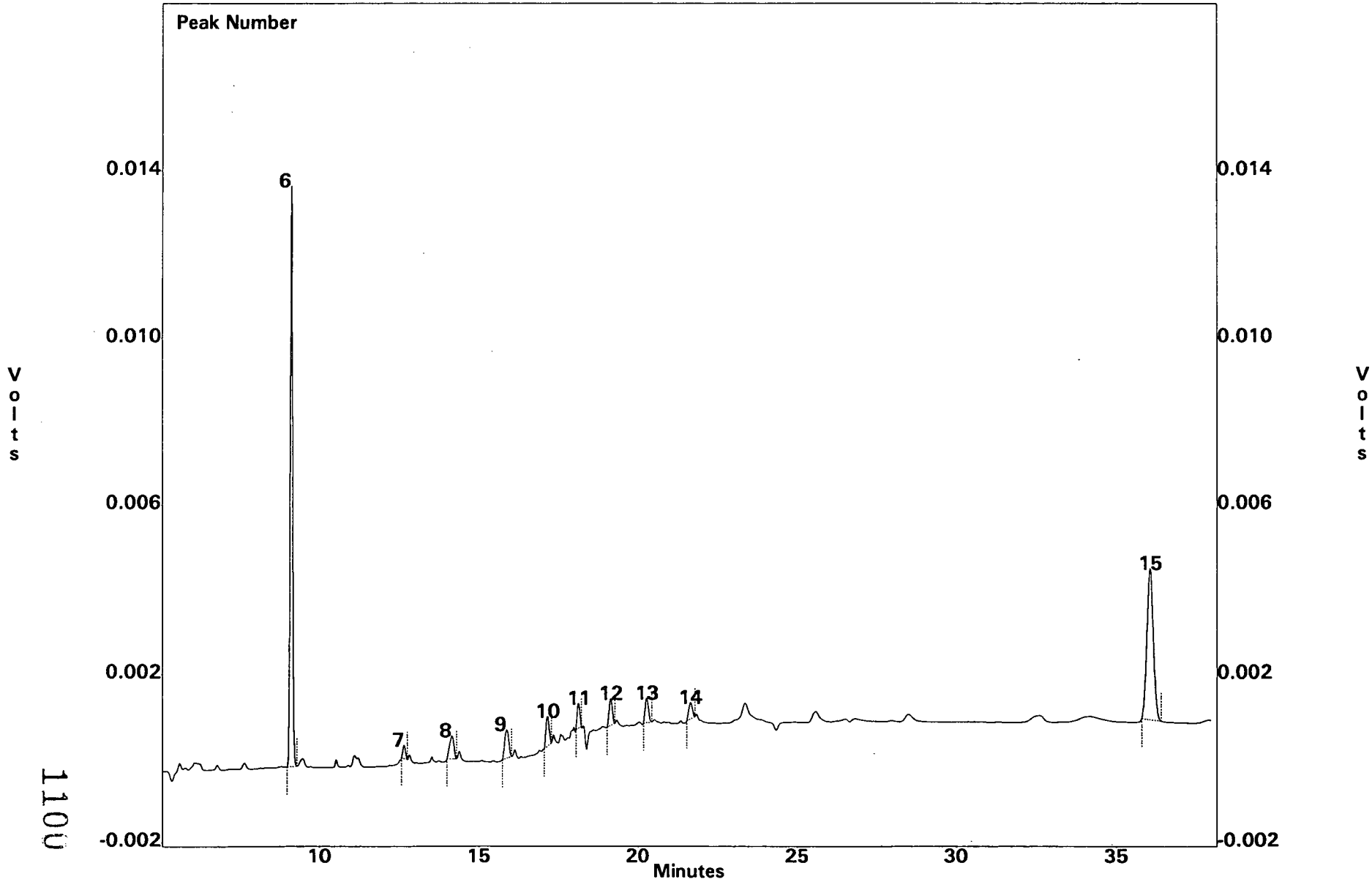
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
6	TCMX	9.175	60458	17.570
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
--	HEPTACHLOR	14.058	0	0.000
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
10	HEPTACHLOR EPOXIDE	17.167	4545	1.297
--	gamma CHLORDANE	17.575	0	0.000
--	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

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

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

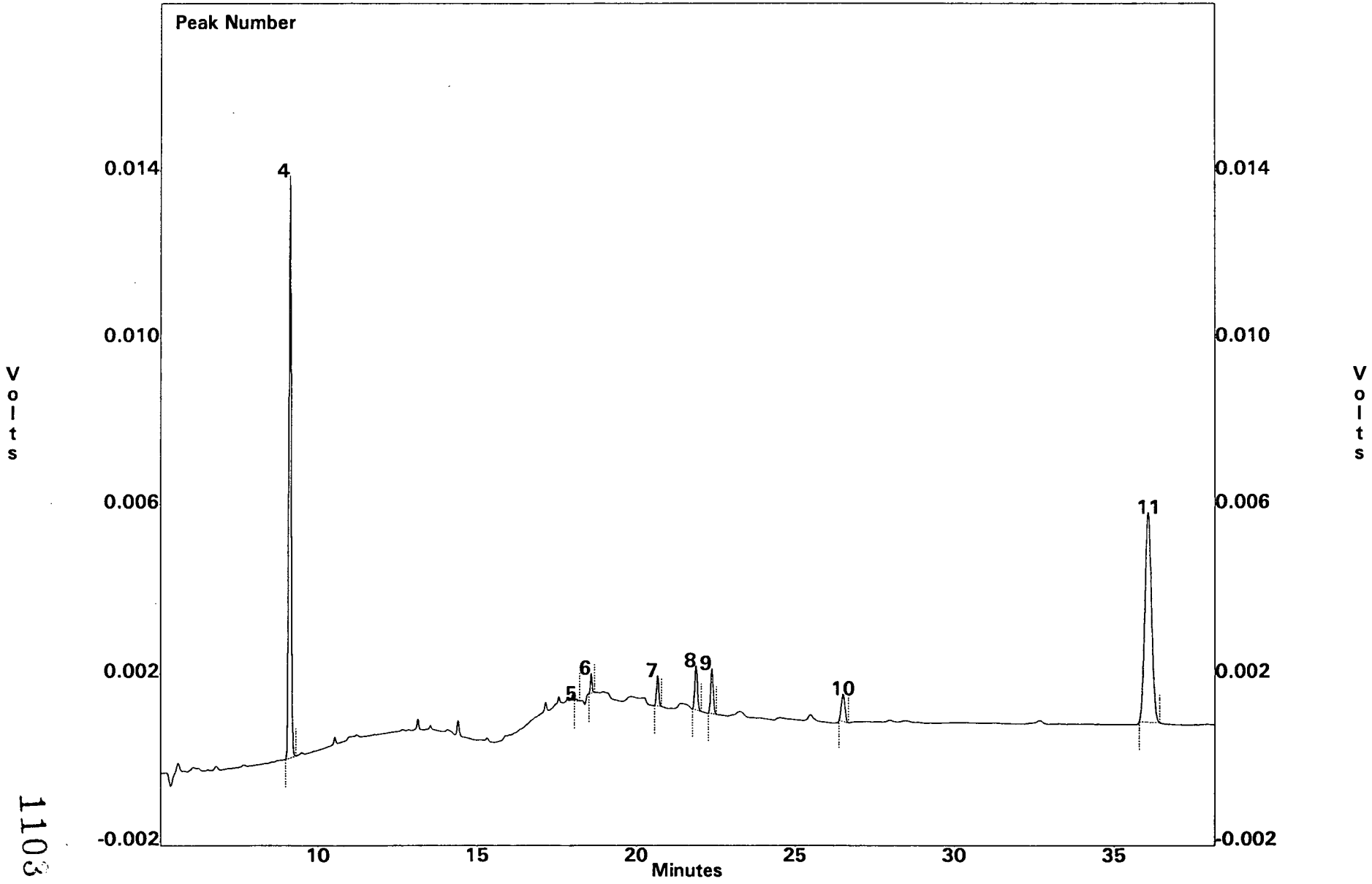
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
6	TCMX	9.158	64850	18.846
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
8	HEPTACHLOR	14.150	5260	1.147
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
10	HEPTACHLOR EPOXIDE	17.158	4726	1.349
--	gamma CHLORDANE	17.575	0	0.000
--	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

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

File : C:\EZCHROM\CHROM\EC2\CLP\PIBLK03.GC2
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



1103

File : C:\EZCHROM\CHROM\EC2\CLP\PIBLK03.GC2
Sample ID : PIBLK03.GC2
Acquired : Sep 06, 1994 09:05:30

Channel B Results

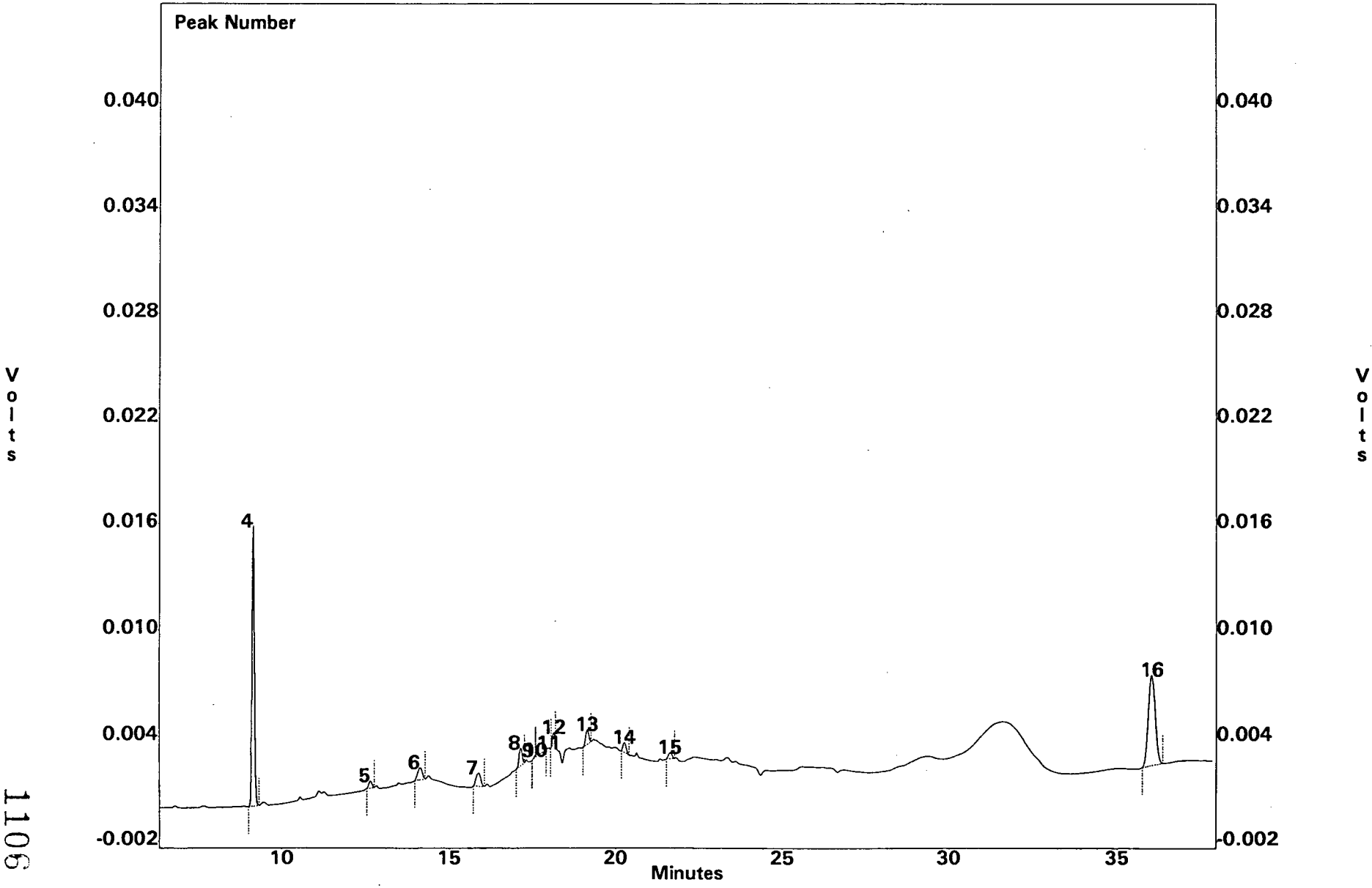
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.158	65514	19.039
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
--	HEPTACHLOR	14.058	0	0.000
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
--	HEPTACHLOR EPOXIDE	17.158	0	0.000
--	gamma CHLORDANE	17.575	0	0.000
--	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

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



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

Channel B Results

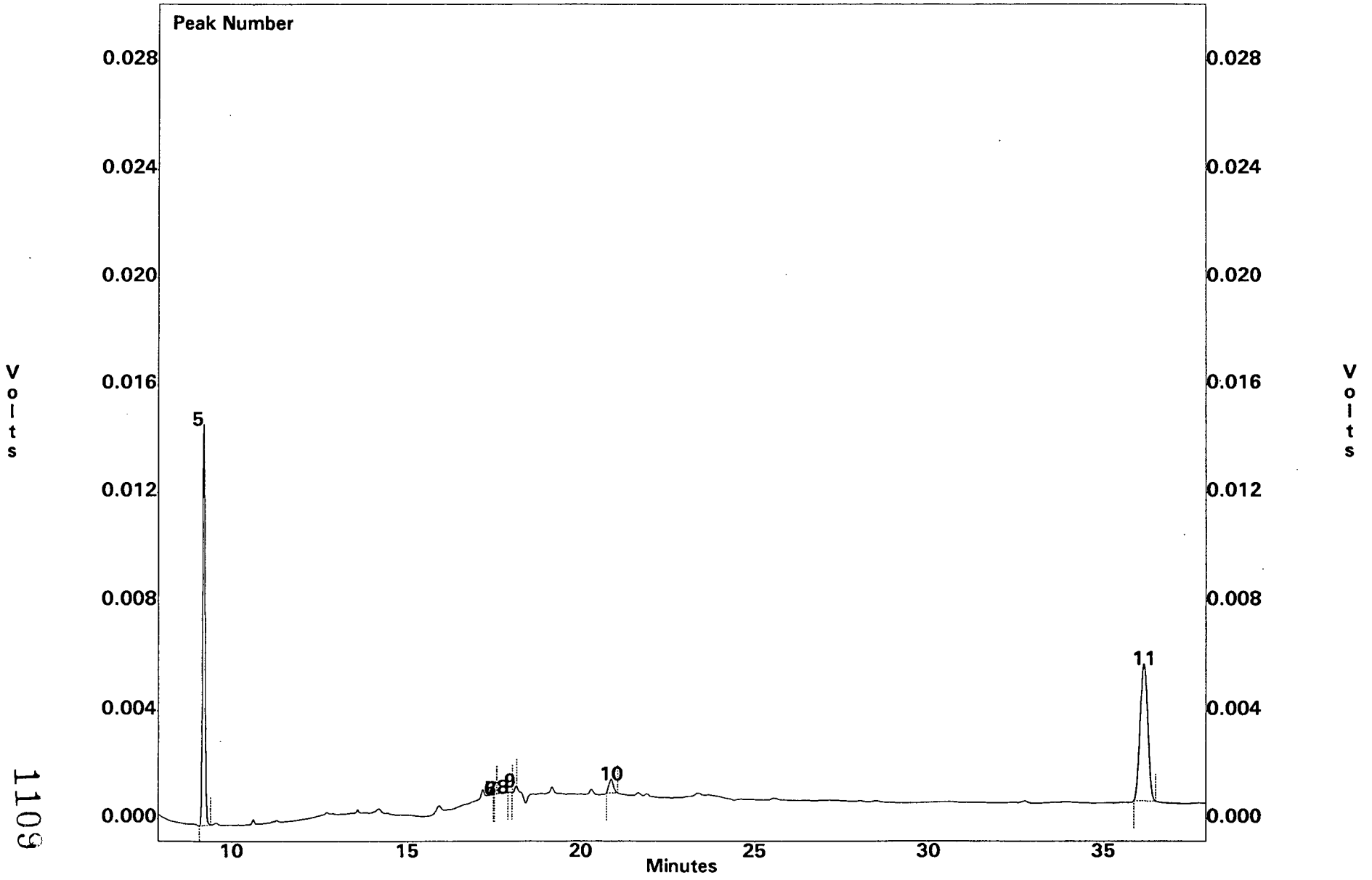
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
4	TCMX	9.150	76835	22.329
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
6	HEPTACHLOR	14.150	6611	1.441
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
8	HEPTACHLOR EPOXIDE	17.150	6897	1.969
10	gamma CHLORDANE	17.583	388	0.113
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

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

C:\EZCHROM\CHROM\EC2\CLP\PIBLK05 -- Channel B



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

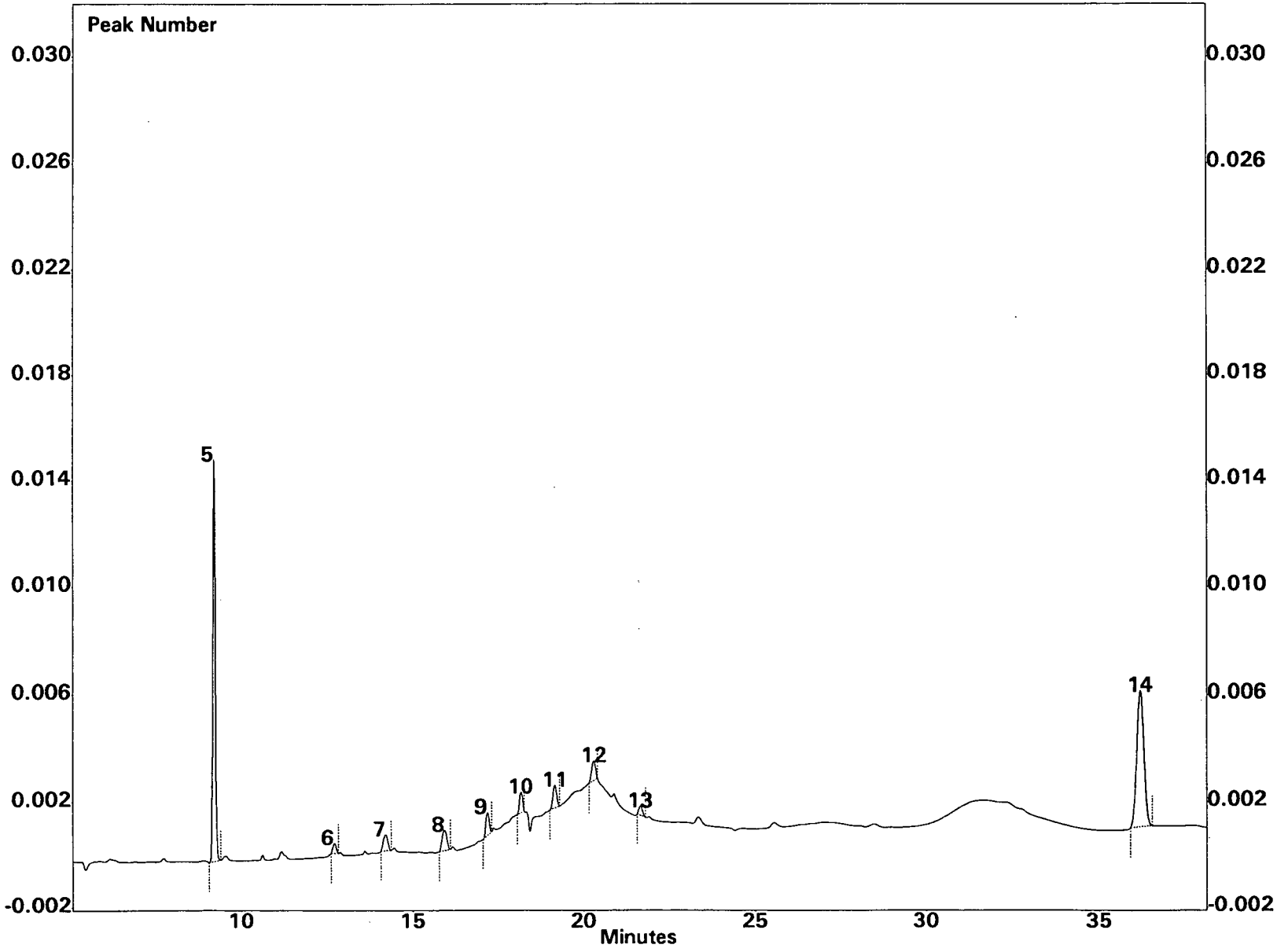
Channel B Results

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

1111

File : C:\EZCHROM\CHROM\EC2\CLP\PIBLK06
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



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

Channel B Results

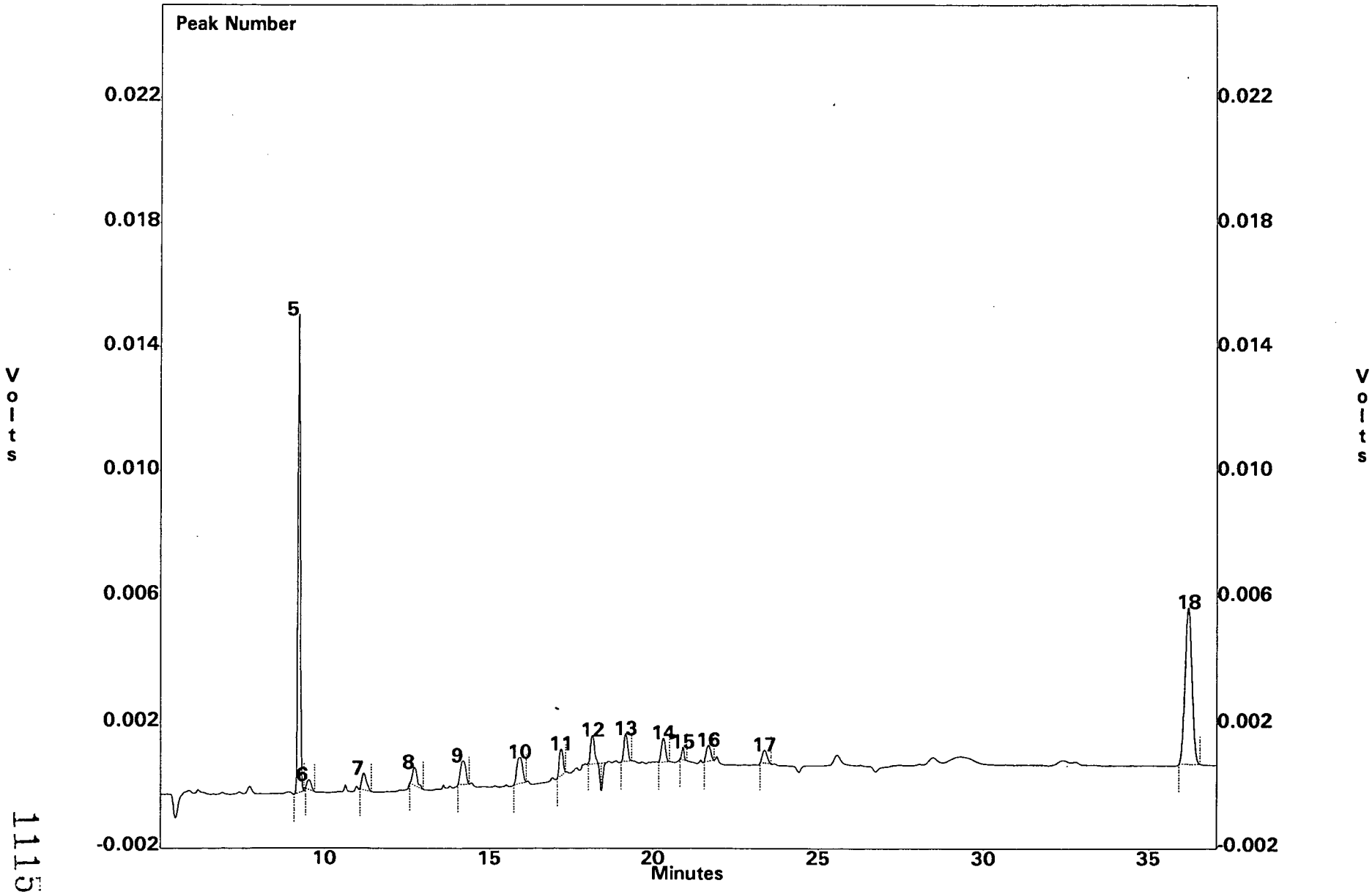
PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.233	71129	20.671
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
--	HEPTACHLOR	14.058	0	0.000
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
9	HEPTACHLOR EPOXIDE	17.183	6139	1.753
--	gamma CHLORDANE	17.575	0	0.000
--	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

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

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

C:\EZCHROM\CHROM\EC2\CLP\PIBLK07 -- Channel B



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

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
9/13/94

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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
11104-28-2	Aroclor-1221	76.0	UX
11141-16-5	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

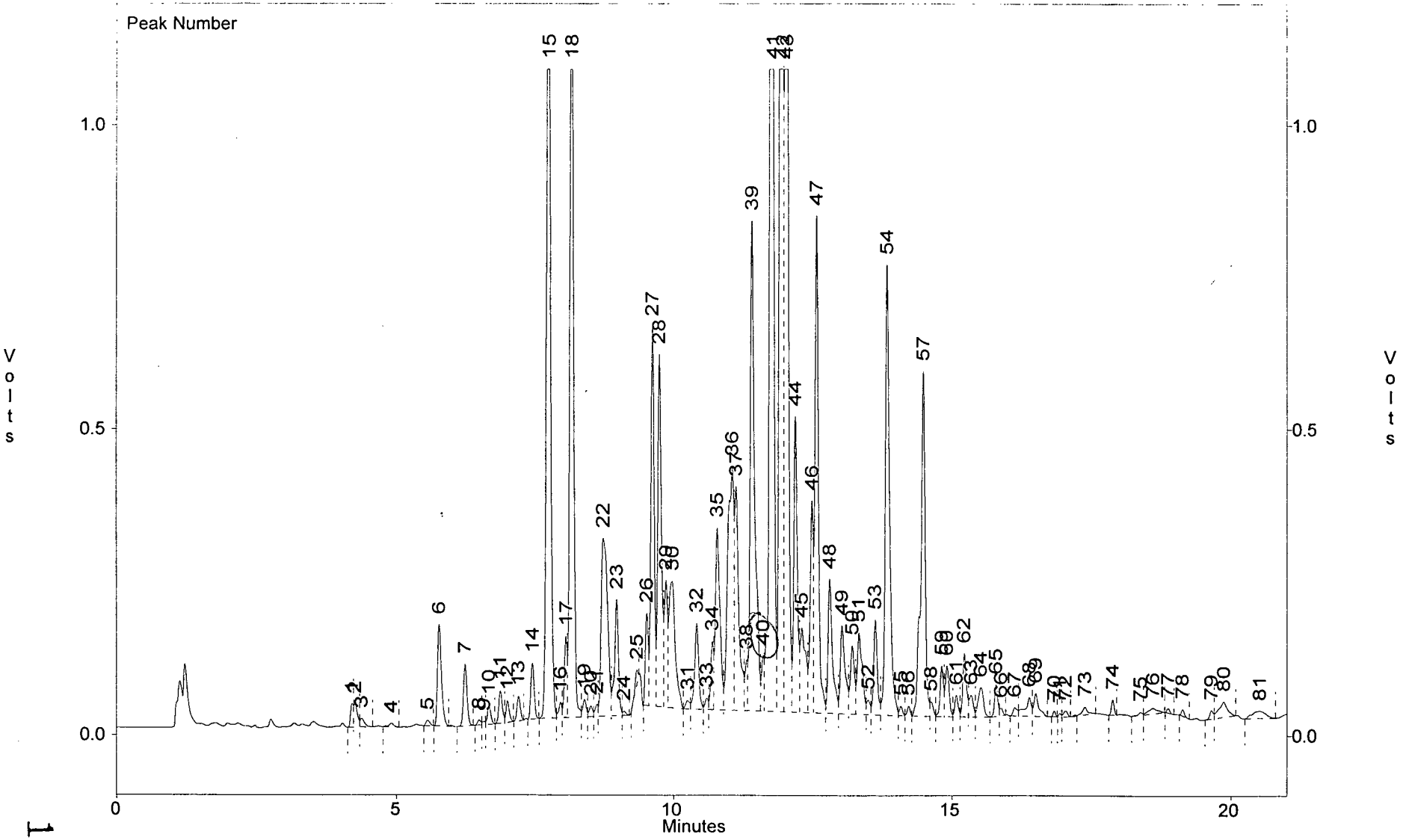
GPC Cleanup: (Y/N) y pH: 5.2 Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND	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

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\CHROM\EC1CLP\SL08BMS -- Channel B



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 # NG/ML-	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.
NG/ML-				
73	ENDRIN KETONE	17.38	82810	39.05
79	DCB	19.64	60770	14.74

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...

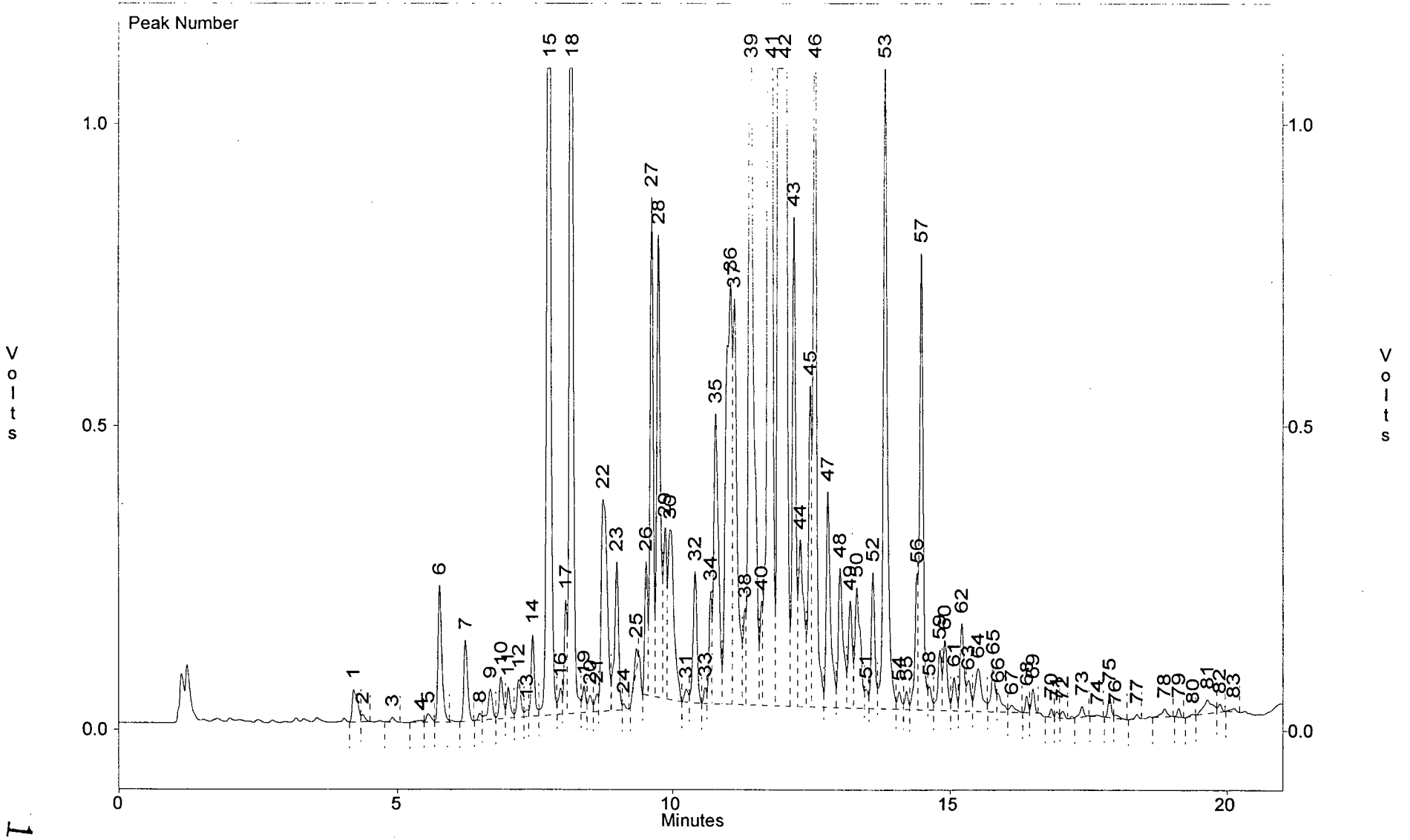
File : C:\EZCHROM\CHROM\EC1CLP\SL08BMS
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08BMS
Acquired : Sep 13, 1994 13:54:41
User : mb

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

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



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 # NG/ML-	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...

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 # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
73	ENDRIN KETONE	17.38	89437	42.17
81	DCB	19.64	263538	63.94

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...

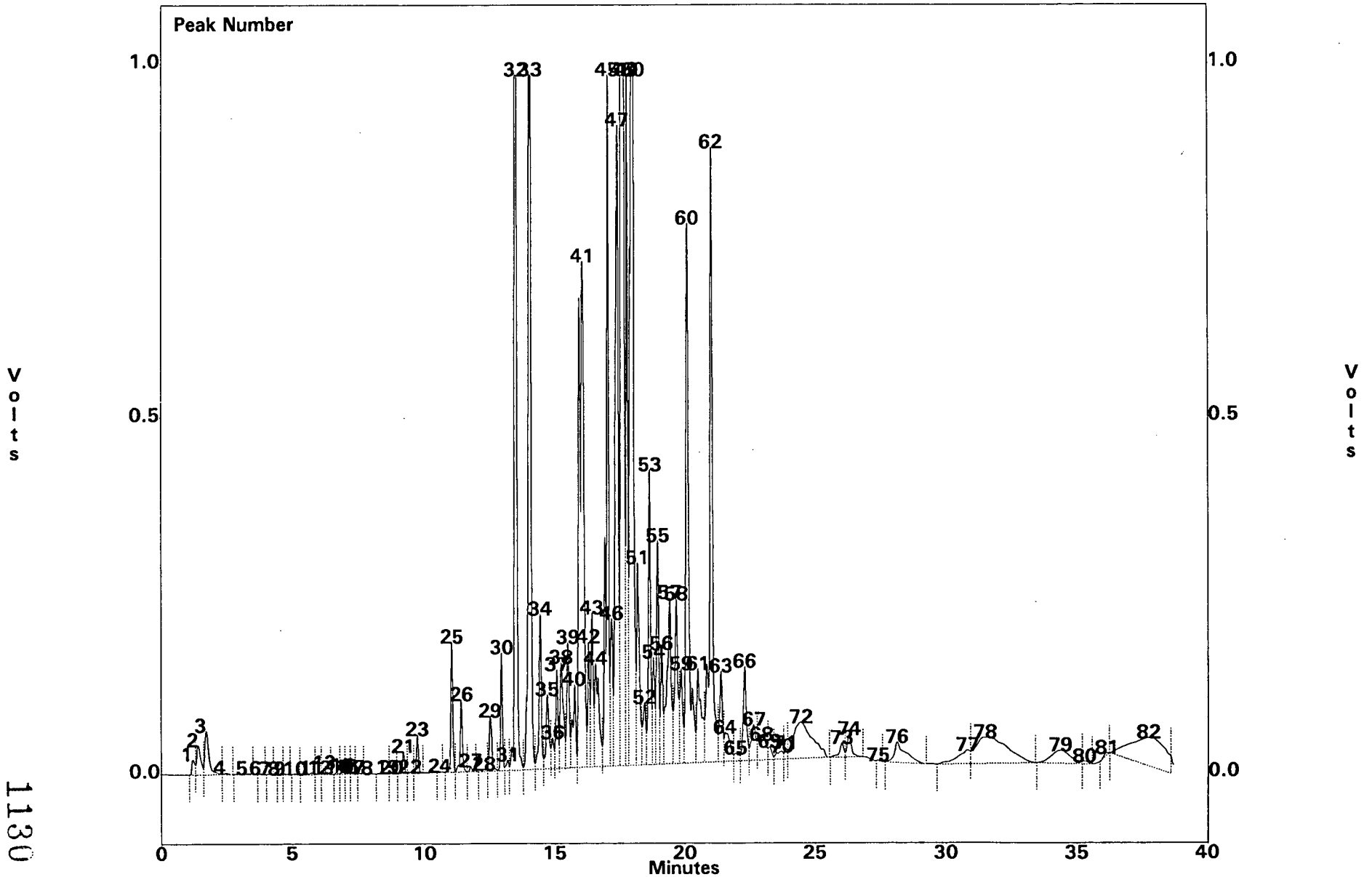
File : C:\EZCHROM\CHROM\EC1CLP\SL08BMSD
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08BMSD
Acquired : Sep 13, 1994 14:19:44
User : mb

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

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



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	DIELDRIN	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
--	ENDRIN ALDEHYDE	21.917	0	0.000
66	ENDOSULFAN SULFATE	22.308	1157043	562.469
--	METHOXYCHLOR	25.517	0	0.000
74	ENDRIN KETONE	26.308	380749	211.143
81	DCB	36.167	49500	13.422

Channel B Results

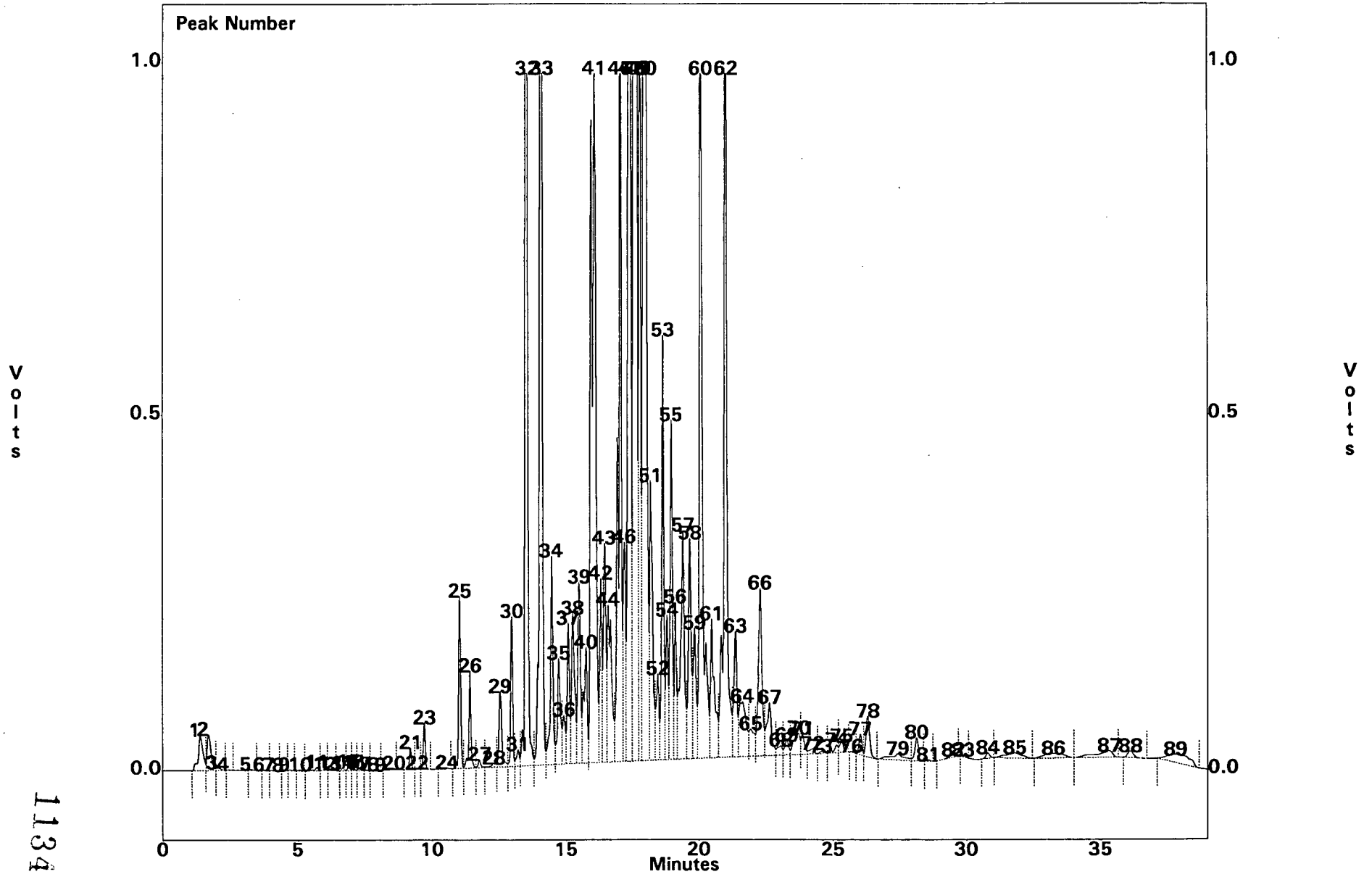
PEAK #	RT, MIN	AREA
1	1.217	167641
2	1.433	468532
3	1.742	646845
4	2.483	21787
5	3.317	21924
6	3.817	8675
7	4.175	4817
8	4.533	5621
9	4.758	4197
10	5.100	10284
11	5.725	44804
12	6.008	23598
13	6.208	61844
14	6.683	17772
15	6.900	30604
16	7.067	19365
17	7.283	10940
18	7.583	3458
19	8.592	20190
20	8.742	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...

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

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



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	DIELDRIN	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	P,P' 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

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

SDG-19

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

Our letters and reports are for the exclusive use of the client to whom they are addressed, and their communication to any others, or the use of the name of the New England Testing Laboratory, Inc. must receive our prior written approval. Our letters and reports apply only to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar products. Samples not destroyed in testing are retained a maximum of thirty (30) days.

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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.

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

CUSTODY RECORDS

No. 177

CHAIN OF CUSTODY RECORD

NETL-19 E100[redacted]-02

PROJ. NO.: 30947-712

PROJECT NAME: Wilkinwood Property Woburn

SAMPLERS: K. Lilure

RECEIVING LABORATORY: NET

SAMPLE NO.	DATE	TIME	SAMPLE LOCATION	NO. OF CONTAINERS	TCL VOCS	TCL/TAL List	Chlordane	4,4-DDT	CPAHs	PCBs	LEAD	REMARKS
TB-1	10/4/94	—	Trip Blank 1	2	X							amgt amgt. pt.pl. gt.pl.
FB1	10/4/94	—	Field Blank 1	6		X						Pest/PCB, semi, met, T.CN, 2 VOC
S1A	10/4/94	10/4/94	Area 4, Sample 4A	1			X	X	X	X	X	
S1B	10/4/94	10/4/94	Area 4, Sample 4B	1			X	X	X	X	X	
S1C	10/4/94	10/4/94	Area 4, Sample 4C	1		X						
S2A	10/4/94	10/4/94	Area 2, Sample 2A	1		X						+
S2B	10/4/94	10/4/94	Area 2, Sample 2B	1			X	X	X	X	X	+
S2C	10/4/94	10/4/94	Area 2, Sample 2C	1			X	X	X	X	X	
S2D	10/4/94	10/4/94	Area 2, Sample 2D	1		X						
S2E	10/4/94	10/4/94	Area 2, Sample 2E	1			X	X	X	X	X	
S1A	10/4/94	10/4/94	Area 1 Sample 1A	1			X	X	X	X	X	
S1B	10/4/94	10/4/94	Area 1 Sample 1B	1			X	X	X	X	X	
S1D	10/4/94	10/4/94	Area 1, Sample 1D	1		X						
S1C	10/4/94	10/4/94	Area 1, Sample 1C	1		X						

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
K. Lilure	10/4/94 16:00	UPA FEDEX 15914485221			
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

REMEDIATION TECHNOLOGIES INC

REMEDIATION TECHNOLOGIES
9 Pond Lane
Damonmill Square
Concord, MA 01742
(508) 371-1422
Fax# (508) 369-9279

PINK COPY - Sampler YELLOW COPY - Laboratory WHITE COPY - RETEC

0005

E1012-03

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue
North Providence, RI 02904

CHAIN OF CUSTODY RECORD

PROJ. NO: 5-0217-112
PROJECT NAME: Wildwood
CLIENT: Retec

SAMPLE I.D	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TESTS: Mixed Carbons						REMARKS
3A-10-11-94	10-11	0845	X			1	X						
3B-10-11-94		0900	X			1	X						
~~3C-10-11-94~~		~~0830~~	~~X~~			~~1~~	~~X~~						
5A-10-11-94		0800	X			1	X						
5B-10-11-94		0815	X			1	X						
2F-10-11-94		0830	X			1	X						

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
[signature]	10-11-94 1600	VIA Fed Ex			
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	
		Lynn Smith	10/12/94		

0006

U.S. EPA - CLP

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.
MS-1A	MS-1A
MS-1B	MS-1B
MS-1C	MS-1C
MS-1D	MS-1D
MS-2A	MS-2A
MS-2B	MS-2B
MS-2C	MS-2C
MS-2D	MS-2D
MS-2DMS	MS-2DMS
MS-2DMSD	MS-2DMSD
MS-2E	MS-2E
MS-4A	MS-4A
MS-4B	MS-4B
MS-4C	MS-4C
2F	2F
3A	3A
3B	3B
5A	5A
5B	5B
FIELD BLANK	FIELD BLANK

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 N. Bishop Name: Mark Bishop

Date: 11/17/94 Title: Lab Director

0007

SAMPLE DATA

A: FORM 1

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:

FORM I - IN ILM02.0

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:

FORM I - IN ILM02.0

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	J	E	P
7439-92-1	Lead	2.4	J	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 J	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	J	E	P
7440-48-4	Cobalt	1.1	U		P
7440-50-8	Copper	3.2	B		P
7439-89-6	Iron	470	J	E	P
7439-92-1	Lead	4.5	J	N*	F
7439-95-4	Magnesium	79.6	B J	E	P
7439-96-5	Manganese	15.1	J	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	U J	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	B J	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:

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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:

FORM I - IN ILM02.0

U.S. EPA - CLP
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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 J	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	J	E	P
7439-92-1	Lead	4.4	J	N*	F
7439-95-4	Magnesium	841	B J	E	P
7439-96-5	Manganese	32.9	J	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:

FORM I - IN ILM02.0

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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:

FORM I - IN ILM02.0

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:

FORM I - IN ILM02.0

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:

FORM I - IN ILM02.0

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:

FORM I - IN ILM02.0

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	U J	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	J	E	P
7439-92-1	Lead	2.1	J	N*	F
7439-95-4	Magnesium	785.8	B J	E	P
7439-96-5	Manganese	35.0	J	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:

FORM I - IN ILM02.0

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:

FORM I - IN ILM02.0

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:

FORM I - IN ILM02.0

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:

FORM I - IN ILM02.0

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:

FORM I - IN ILM02.0

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:

FORM I - IN ILM02.0

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:

FORM I - IN ILM02.0

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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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

Cont
Instrum
2.2.N
Data
Page 1 of 1

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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead				2500.0	2526.00	101.0	2520.00	100.8	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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Found	%R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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: JOHSON & MATTHEWS

RUN DATE: 10/24/94

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium				25.0	23.50	94.0	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: JOHSON & MATTHEWS

RUN DATE: 10/24/94

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Found	%R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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 True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
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				
					Initial		Final	
	True	Found	%R	True	Found	%R	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				
				Initial			Final	
	True	Found	%R	True	Found	%R	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				
					Initial		Final	
	True	Found	%R	True	Found	%R	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				
					Initial		Final	
	True	Found	%R	True	Found	%R	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				
					Initial		Final	
	True	Found	%R	True	Found	%R	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				
				Initial			Final	
	True	Found	%R	True	Found	%R	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				
					Initial		Final	
	True	Found	%R	True	Found	%R	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				
					Initial		Final	
	True	Found	%R	True	Found	%R	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				
					Initial		Final	
	True	Found	%R	True	Found	%R	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				
					Initial		Final	
	True	Found	%R	True	Found	%R	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				
					Initial		Final	
	True	Found	%R	True	Found	%R	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)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
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
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) 1	C	2	C	3	C	Prepa-ration Blank	C	M
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) 1	C	2	C	3	C	Prepa-ration Blank	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
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) 1	C	2	C	3	C	Prepa-ration Blank	C	M
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
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) 1	C	2	C	3	C	Prepa-ration Blank	C	M
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) 1	C	2	C	3	C	Prepa-ration Blank	C	M
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) 1	C	2	C	3	C	Prepa-ration Blank	C	M
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) 1	C	2	C	3	C	Prepa-ration Blank	C	M
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) 1	C	2	C	3	C	Prepa-ration Blank	C	M
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) 1	C	2	C	3	C	Prepa-ration Blank	C	M
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) 1	C	2	C	3	C	Prepa-ration Blank	C	M
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) 1	C	2	C	3	C	Prepa-ration Blank	C	M
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
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: 10/20/94

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
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
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) 1	C	2	C	3	C	Prepa-ration Blank	C	M
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
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) 1	C	2	C	3	C	Prepa-ration Blank	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
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: 10/24/94

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
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
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) 1	C	2	C	3	C	Prepa-ration Blank	C	M
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) 1	C	2	C	3	C	Prepa-ration Blank	C	M
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)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
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 Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	%R	Final Found Sol. A	Final Found 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 Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %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 Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %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 Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %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 Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %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:

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 Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
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 Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
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) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
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	

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) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
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) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
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									

FORM VII - IN ILM02.0

U.S. EPA - CLP
8
STANDARD ADDITION RESULTS

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

Concentration Units: ug/L

EPA Sample No.	An	0 ADD ABS	1 ADD CON	ABS	2 ADD CON	ABS	3 ADD CON	ABS	Final Conc.	r	Q

FORM VIII - IN ILM02.0

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	% Differ-ence	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
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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	% Differ-ence	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
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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
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PREPARATION 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

Method: P

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
MS-1A	10/05/94	1.520	200
MS-1B	10/05/94	1.527	200
MS-1C	10/05/94	1.512	200
MS-1D	10/05/94	1.531	200
MS-2A	10/05/94	1.521	200
MS-2B	10/05/94	1.499	200
MS-2C	10/05/94	1.516	200
MS-2D	10/05/94	1.514	200
MS-2DMS	10/05/94	1.512	200
MS-2DMSD	10/05/94	1.518	200
MS-2E	10/05/94	1.523	200
MS-4A	10/05/94	1.509	200
MS-4A	10/05/94	1.528	200
MS-4B	10/05/94	1.503	200
LCSS	10/05/94	1.527	100
LCSS-SB	10/05/94	1.506	100
PBS01	10/05/94	1.522	200

U.S. EPA - CLP
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PREPARATION 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

Method: P

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
2F	10/13/94	1.529	200
3A	10/13/94	1.509	200
3B	10/13/94	1.518	200
5A	10/13/94	1.501	200
5B	10/13/94	1.502	200
LCSS02	10/13/94	1.526	100
PBS02	10/13/94	1.526	200

FORM XIII - IN ILM02.0

U.S. EPA - CLP
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PREPARATION 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

Method: P

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
FIELD BLANK	10/05/94		100
PBW01	10/05/94		100

FORM XIII - IN ILM02.0

U.S. EPA - CLP
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PREPARATION 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

Method: F

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
MS-1C	10/05/94	1.499	200
MS-1D	10/05/94	1.513	200
MS-2A	10/05/94	1.527	200
MS-2D	10/05/94	1.519	200
MS-2DMS	10/05/94	1.511	200
MS-2DMSD	10/05/94	1.520	200
MS-4C	10/05/94	1.517	200
LCSS	10/05/94	1.512	100
LCSS-AS	10/05/94	1.535	100
PBS01	10/05/94	1.524	200

FORM XIII - IN ILM02.0

U.S. EPA - CLP
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PREPARATION 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

Method: F

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
FIELD BLANK	10/05/94		100
PBW01	10/05/94		100

FORM XIII - IN ILM02.0

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PREPARATION 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

Method: CV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
MS-1C	10/24/94	0.209	100
MS-1D	10/24/94	0.229	100
MS-2A	10/24/94	0.209	100
MS-2D	10/24/94	0.221	100
MS-2DMS	10/24/94	0.219	100
MS-2DMSD	10/24/94	0.222	100
MS-4C	10/24/94	0.222	100
PBS01	10/24/94	0.228	100
LCSS01	10/24/94	0.235	100

U.S. EPA - CLP
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PREPARATION 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

Method: CV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
FIELD BLANK	10/19/94		100
PBW01	10/19/94		100

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PREPARATION 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

Method: C

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
MS-1C	10/14/94	4.991	100
MS-1D	10/14/94	4.627	100
MS-2A	10/14/94	4.98	100
MS-2D	10/14/94	4.969	100
MS-2DMS	10/14/94	4.953	100
MS-2DMSD	10/14/94	4.785	100
MS-4C	10/14/94	4.741	100
PBS01	10/14/94	4.56	100
FIELD BLANK	10/14/94		100

FORM XIII - IN ILM02.0

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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																						
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1143		X			X			X			X	X		X	X			X			X				
S0	1.00	1146		X			X			X			X	X		X	X			X			X				
S0	1.00	1148		X			X			X			X	X		X	X			X			X				
S	1.00	1202		X			X			X			X	X		X	X			X			X				
S	1.00	1204		X			X			X			X	X		X	X			X			X				
S	1.00	1207		X			X			X			X	X		X	X			X			X				
ICV	1.00	1214		X			X			X			X	X		X	X			X			X				
ICB	1.00	1221		X			X			X			X	X		X	X			X			X				
CCV	1.00	1225		X			X			X			X	X		X	X			X			X				
CCB	1.00	1233		X			X			X			X	X		X	X			X			X				
ICSA	1.00	1244		X			X			X			X	X		X	X			X			X				
ICSAB	1.00	1250		X			X			X			X	X		X	X			X			X				
CRI	1.00	1254		X			X			X			X	X		X	X			X			X				
PBS01	1.00	1300		X			X			X			X	X		X	X			X			X				
LCSS	1.00	1307		X			X			X			X	X		X	X			X			X				
MS-4C	1.00	1314		X			X			X			X	X		X	X			X			X				
MS-2A	1.00	1321		X			X			X			X	X		X	X			X			X				
MS-2D	1.00	1327		X			X			X			X	X		X	X			X			X				
MS-2DMS	1.00	1331		X			X			X			X	X		X	X			X			X				
CCV	1.00	1344		X			X			X			X	X		X	X			X			X				
CCB	1.00	1349		X			X			X			X	X		X	X			X			X				
MS-2DMSD	1.00	1355		X			X			X			X	X		X	X			X			X				
MS-1D	1.00	1400		X			X			X			X	X		X	X			X			X				
MS-1DL	5.00	1405		X			X			X			X	X		X	X			X			X				
MS-1C	1.00	1411		X			X			X			X	X		X	X			X			X				
PBW01	1.00	1416		X			X			X			X	X		X	X			X			X				
FIELD BLANK	1.00	1430		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				
CCB	1.00	1523		X			X			X			X	X		X	X			X			X				
ZZZZZ	1.00	1529																									

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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																						
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZ	1.00	1536																									
ZZZZZ	1.00	1542																									
ZZZZZ	1.00	1549																									
ZZZZZ	1.00	1555																									
ZZZZZ	1.00	1602																									
ZZZZZ	1.00	1609																									
ZZZZZ	1.00	1614																									
CCV	1.00	1619		X			X			X			X	X		X	X			X			X				
CCB	1.00	1625		X			X			X			X	X		X	X			X			X				
ICSA	1.00	1633		X			X			X			X	X		X	X			X			X				
ICSAB	1.00	1638		X			X			X			X	X		X	X			X			X				
CRI	1.00	1643		X			X			X			X	X		X	X			X			X				
CCV	1.00	1652		X			X			X			X	X		X	X			X			X				
CCB	1.00	1658		X			X			X			X	X		X	X			X			X				

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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: 10/28/94 End Date: 10/28/94

EPA Sample No.	D/F	Time	% R	Analytes																					
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	VN	ZN	CN
S0	1.00	1029						X	X		X	X							X			X			X	X	
S0	1.00	1031						X	X		X	X							X			X			X	X	
S0	1.00	1033						X	X		X	X							X			X			X	X	
S	1.00	1039						X	X		X	X							X			X			X	X	
S	1.00	1041						X	X		X	X							X			X			X	X	
S	1.00	1043						X	X		X	X							X			X			X	X	
ICV	1.00	1054						X	X		X	X							X			X			X	X	
ICB	1.00	1100						X	X		X	X							X			X			X	X	
CCV	1.00	1105						X	X		X	X							X			X			X	X	
CCB	1.00	1113						X	X		X	X							X			X			X	X	
ICSA	1.00	1116						X	X		X	X							X			X			X	X	
ICSAB	1.00	1122						X	X		X	X							X			X			X	X	
CRI	1.00	1129						X	X		X	X							X			X			X	X	
PBS01	1.00	1141						X	X		X	X							X			X			X	X	
LCSS	1.00	1146						X	X		X	X							X			X			X	X	
MS-4C	1.00	1152						X	X		X	X							X			X			X	X	
MS-2A	1.00	1157						X	X		X	X							X			X			X	X	
MS-2D	1.00	1202						X	X		X	X							X			X			X	X	
MS-2DMS	1.00	1207						X	X		X	X							X			X			X	X	
CCV	1.00	1213						X	X		X	X							X			X			X	X	
CCB	1.00	1219						X	X		X	X							X			X			X	X	
MS-2DMSD	1.00	1229						X	X		X	X							X			X			X	X	
MS-1D	1.00	1233						X	X		X	X							X			X			X	X	
MS-1DL	5.00	1238						X	X		X	X							X			X			X	X	
MS-1C	1.00	1243						X	X		X	X							X			X			X	X	
PBW01	1.00	1251						X	X		X	X							X			X			X	X	
FIELD BLANK	1.00	1256						X	X		X	X							X			X			X	X	
ZZZZZ	1.00	1300																									
ZZZZZ	1.00	1305																									
ZZZZZ	1.00	1310																									
CCV	1.00	1320						X	X		X	X							X			X			X	X	
CCB	1.00	1327						X	X		X	X							X			X			X	X	
ZZZZZ	1.00	1338																									

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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: 10/28/94 End Date: 10/28/94

EPA Sample No.	D/F	Time	% R	Analytes																						
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZ	1.00	1343																									
ZZZZZ	1.00	1350																									
ZZZZZ	1.00	1359																									
ZZZZZ	1.00	1404																									
ZZZZZ	1.00	1412																									
ZZZZZ	1.00	1417																									
ZZZZZ	1.00	1422																									
CCV	1.00	1428						X	X		X	X							X			X			X	X	
CCB	1.00	1434						X	X		X	X							X			X			X	X	
ICSA	1.00	1439						X	X		X	X							X			X			X	X	
ICSAB	1.00	1444						X	X		X	X							X			X			X	X	
CRI	1.00	1450						X	X		X	X							X			X			X	X	
CCV	1.00	1458						X	X		X	X							X			X			X	X	
CCB	1.00	1504						X	X		X	X							X			X			X	X	

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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: 10/07/94 End Date: 10/07/94

EPA Sample No.	D/F	Time	% R	Analytes																					
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	VI	ZN	CN
S0	1.00	1705													X												
S0	1.00	1705													X												
S0	1.00	1706													X												
S5	1.00	1707													X												
S5	1.00	1708													X												
S5	1.00	1709													X												
ICV	1.00	1712													X												
ICB	1.00	1716													X												
CCV	1.00	1718													X												
CCB	1.00	1721													X												
ICSA	1.00	1724													X												
ICSAB	1.00	1727													X												
CRI	1.00	1731													X												
PBS01	1.00	1737													X												
LCSS01	1.00	1740													X												
MS-4A	1.00	1746													X												
MS-4B	1.00	1750													X												
MS-4C	1.00	1753													X												
MS-2A	1.00	1804													X												
CCV	1.00	1807													X												
CCB	1.00	1812													X												
MS-2B	1.00	1816													X												
MS-2C	1.00	1820													X												
MS-2D	1.00	1824													X												
MS-2DMS	1.00	1828													X												
MS-2DMSD	1.00	1831													X												
MS-2E	1.00	1837													X												
MS-2EL	5.00	1842													X												
MS-1A	1.00	1844													X												
MS-1B	1.00	1848													X												
CCV	1.00	1851													X												
CCB	1.00	1855													X												
MS-1D	1.00	1859													X												

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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: 10/07/94 End Date: 10/07/94

EPA Sample No.	D/F	Time	% R	Analytes																						
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
MS-1DL	5.00	1901													X												
MS-1C	1.00	1905													X												
PBW01	1.00	1909													X												
FIELD BLANK	1.00	1913													X												
ICSA	1.00	1917													X												
ICSAB	1.00	1920													X												
CRI	1.00	1925													X												
CCV	1.00	1928													X												
CCB	1.00	1932													X												

U.S. EPA - CLP
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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: 10/15/94 End Date: 10/15/94

EPA Sample No.	D/F	Time	% R	Analytes																					
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1326													X												
S0	1.00	1327													X												
S0	1.00	1328													X												
S5	1.00	1330													X												
S5	1.00	1331													X												
S5	1.00	1331													X												
ICV	1.00	1335													X												
ICB	1.00	1337													X												
CCV	1.00	1340													X												
CCB	1.00	1343													X												
ICSA	1.00	1346													X												
ICSAB	1.00	1348													X												
CRI	1.00	1351													X												
PBS02	1.00	1355													X												
LCSS02	1.00	1358													X												
3A	1.00	1402													X												
3B	1.00	1404													X												
5A	1.00	1407													X												
CCV	1.00	1410													X												
CCB	1.00	1416													X												
5B	1.00	1419													X												
2F	1.00	1422													X												
2FL	5.00	1425													X												
ICSA	1.00	1428													X												
ICSAB	1.00	1430													X												
CRI	1.00	1433													X												
CCV	1.00	1436													X												
CCB	1.00	1440													X												

FORM XIV - IN ILM02.0

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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: 10/31/94 End Date: 10/31/94

EPA Sample No.	D/F	Time	% R	Analytes																						
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1031			X																						
S0	1.00	1032			X																						
S0	1.00	1032			X																						
S10	1.00	1035			X																						
S10	1.00	1035			X																						
S10	1.00	1036			X																						
ICV	1.00	1039			X																						
ICB	1.00	1044			X																						
CCV	1.00	1048			X																						
CCB	1.00	1052			X																						
ICSA	1.00	1055			X																						
ICSAB	1.00	1058			X																						
CRI	1.00	1103			X																						
PBS01	1.00	1116			X																						
LCSS01	1.00	1119			X																						
MS-4C	1.00	1124			X																						
MS-2A	1.00	1127			X																						
MS-2D	1.00	1132			X																						
MS-2DMS	1.00	1135			X																						
CCV	1.00	1140			X																						
CCB	1.00	1145			X																						
MS-2DA	1.00	1149			X																						
MS-2DMSD	1.00	1154			X																						
MS-1D	1.00	1158			X																						
MS-1DL	5.00	1201			X																						
MS-1C	1.00	1203			X																						
PBW01	1.00	1206			X																						
FIELD BLANK	1.00	1210			X																						
ZZZZZ	1.00	1221																									
ZZZZZ	1.00	1226																									
CCV	1.00	1229			X																						
CCB	1.00	1232			X																						
ZZZZZ	1.00	1235																									

U.S. EPA - CLP
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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: 10/31/94 End Date: 10/31/94

EPA Sample No.	D/F	Time	% R	Analytes																						
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZ	1.00	1240																									
ZZZZZ	1.00	1244																									
ZZZZZ	1.00	1246																									
ZZZZZ	1.00	1246																									
ZZZZZ	1.00	1254																									
ZZZZZ	1.00	1257																									
ZZZZZ	1.00	1300																									
ZZZZZ	1.00	1303																									
ZZZZZ	1.00	1306																									
CCV	1.00	1309			X																						
CCB	1.00	1313			X																						
ICSA	1.00	1327			X																						
ICSAB	1.00	1329			X																						
CRI	1.00	1333			X																						
CCV	1.00	1337			X																						
CCB	1.00	1342			X																						

U.S. EPA - CLP
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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: FURNACE-1 Method: F

Start Date: 10/21/94 End Date: 10/21/94

EPA Sample No.	D/F	Time	% R	Analytes																						
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1007				X																					
S10	1.00	1030				X																					
S25	1.00	1018				X																					
S50	1.00	1024				X																					
ICV	1.00	1047				X																					
ICB	1.00	1053				X																					
CRA	1.00	1058				X																					
PBS01	1.00	1104				X																					
PBS01A	1.00	1110	101.5			X																					
PBW01	1.00	1115				X																					
PBW01A	1.00	1121	103.5			X																					
LCSSL	2.00	1127				X																					
LCSSLA	2.00	1132	98.5			X																					
FIELD BLANK	1.00	1138				X																					
FIELD BLANK	1.00	1144	101.0			X																					
CCV	1.00	1149				X																					
CCB	1.00	1155				X																					
MS-4C	1.00	1200				X																					
MS-4CA	1.00	1206	108.0			X																					
MS-2A	1.00	1212				X																					
MS-2AA	1.00	1218	110.5			X																					
MS-2D	1.00	1223				X																					
MS-2DA	1.00	1229	110.0			X																					
MS-2DMSD	1.00	1235				X																					
MS-2DMSDA	1.00	1241	108.5			X																					
CCV	1.00	1246				X																					
CCB	1.00	1252				X																					
ZZZZZ	1.00	1258																									
ZZZZZ	1.00	1300																									
MS-1D	1.00	1306				X																					
MS-1DA	1.00	1312	110.5			X																					
MS-1C	1.00	1318				X																					
MS-1CA	1.00	1324	116.5			X																					

U.S. EPA - CLP
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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: FURNACE-1 Method: F

Start Date: 10/21/94 End Date: 10/21/94

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV	1.00	1330				X																					
CCB	1.00	1335				X																					
MS-2DMSL	2.00	1441				X																					
CCV	1.00	1446				X																					
CCB	1.00	1452				X																					

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U.S. EPA - CLP
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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: FURNACE-1 Method: F

Start Date: 10/20/94 End Date: 10/20/94

EPA Sample No.	D/F	Time	% R	Analytes																					
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1106													X												
S3	1.00	1111													X												
S0	1.00	1117													X												
S3	1.00	1123													X												
S25	1.00	1128													X												
S50	1.00	1134													X												
S100	1.00	1139													X												
S100	1.00	1149													X												
ICV	1.00	1212													X												
ICB	1.00	1218													X												
CRA	1.00	1223													X												
PBS01	1.00	1228													X												
PBS01A	1.00	1234	102.0												X												
PBW01	1.00	1240													X												
PBW01A	1.00	1245	105.5												X												
LCSS	1.00	1251													X												
LCSSA	1.00	1257	96.5												X												
FIELD BLANK	1.00	1302													X												
FIELD BLANK	1.00	1308	102.5												X												
CCV	1.00	1314													X												
CCB	1.00	1319													X												
MS-4C	1.00	1325													X												
MS-4CA	1.00	1330	95.0												X												
MS-2A	1.00	1336													X												
MS-2AA	1.00	1342	112.0												X												
ZZZZZ	1.00	1348																									
ZZZZZ	1.00	1353																									
MS-2DMSD	1.00	1359													X												
MS-2DMSDA	1.00	1405	100.0												X												
CCV	1.00	1411													X												
CCB	1.00	1416													X												
ZZZZZ	1.00	1422																									
MS-1D	1.00	1427													X												

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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: FURNACE-1 Method: F

Start Date: 10/20/94 End Date: 10/20/94

EPA Sample No.	D/F	Time	% R	Analytes																						
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
MS-1DA	1.00	1433	90.5												X												
MS-1C		1439													X												
MS-1CA		1445	93.5												X												
CCV		1451													X												
CCB		1456													X												
MS-2D		1502													X												
MS-2DA		1508	96.0												X												
MS-2DMS		1515													X												
CCV		1520													X												
CCB		1526													X												

U.S. EPA - CLP
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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: FURNACE-1 Method: F

Start Date: 10/24/94 End Date: 10/24/94

EPA Sample No.	D/F	Time	% R	Analytes																					
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1030																			X						
S5	1.00	1035																			X						
S25	1.00	1040																			X						
S50	1.00	1044																			X						
ICV	1.00	1050																			X						
ICB	1.00	1055																			X						
CRA	1.00	1100																			X						
PBS01	1.00	1104																			X						
PBS01A	1.00	1109	114.0																		X						
PBW01	1.00	1114																			X						
PBW01A	1.00	1119	110.0																		X						
CCV	1.00	1126																			X						
CCB	1.00	1131																			X						
LCSS	1.00	1136																			X						
LCSSA	1.00	1140	103.0																		X						
FIELD BLANK	1.00	1145																			X						
FIELD BLANKA	1.00	1150	105.0																		X						
CCV	1.00	1155																			X						
CCB	1.00	1200																			X						
MS-4C	1.00	1205																			X						
MS-4CA	1.00	1209	120.0																		X						
MS-2A	1.00	1214																			X						
MS-2AA	1.00	1219	111.0																		X						
MS-2D	1.00	1224																			X						
MS-2DA	1.00	1229	124.0																		X						
MS-2DMSD	1.00	1234																			X						
MS-2DMSDA	1.00	1239	118.0																		X						
CCV	1.00	1244																			X						
CCB	1.00	1249																			X						
MS-2DMS	1.00	1254																			X						
MS-1D	1.00	1259																			X						
MS-1DA	1.00	1304	107.0																		X						
MS-1C	1.00	1309																			X						

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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: FURNACE-1 Method: F

Start Date: 10/24/94 End Date: 10/24/94

EPA Sample No.	D/F	Time	% R	Analytes																						
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
MS-1CA	1.00	1314	93.0																		X						
CCV	1.00	1319																			X						
CCB	1.00	1323																			X						

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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: FURNACE-1 Method: F

Start Date: 10/24/94 End Date: 10/24/94

EPA Sample No.	D/F	Time	% R	Analytes																					
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	VN	ZN	CN
S0	1.00	1457																						X			
S10	1.00	1503																						X			
S25	1.00	1508																						X			
S50	1.00	1513																						X			
ICV	1.00	1519																						X			
ICB	1.00	1524																						X			
CRA	1.00	1529																						X			
PBS01	1.00	1535																						X			
PBS01A	1.00	1540	112.0																					X			
PBW01	1.00	1545																						X			
PBW01A	1.00	1550	106.0																					X			
LCSS	2.00	1556																						X			
LCSSA	2.00	1601	108.0																					X			
FIELD BLANK	1.00	1606																						X			
FIELD BLANK	1.00	1612	106.5																					X			
CCV	1.00	1617																						X			
CCB	1.00	1622																						X			
MS-4C	1.00	1627																						X			
MS-4CA	1.00	1632	111.0																					X			
MS-2A	1.00	1638																						X			
MS-2AA	1.00	1643	111.0																					X			
MS-2D	1.00	1648																						X			
MS-2DA	1.00	1654	112.0																					X			
MS-2DMSD	1.00	1659																						X			
MS-2DMSDA	1.00	1705	112.0																					X			
CCV	1.00	1710																						X			
CCB	1.00	1715																						X			
MS-2DMS	1.00	1720																						X			
MS-1D	1.00	1726																						X			
MS-1DA	1.00	1731	108.5																					X			
MS-1C	1.00	1736																						X			
MS-1CA	1.00	1742	103.5																					X			
CCV	1.00	1747																						X			
CCB	1.00	1751																						X			

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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: COLEMAN-1 Method: CV

Start Date: 10/24/94 End Date: 10/24/94

EPA Sample No.	D/F	Time	% R	Analytes																						
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1700																X									
S0.5	1.00																	X									
S1	1.00																	X									
S5	1.00																	X									
S10	1.00																	X									
ICV	1.00																	X									
ICB	1.00																	X									
CRA	1.00																	X									
PBS01	1.00																	X									
LCSS	1.00																	X									
MS-4C	1.00																	X									
MS-2A	1.00																	X									
MS-2D	1.00																	X									
MS-2DMS	1.00																	X									
MS-2DMSD	1.00																	X									
MS-1D	1.00																	X									
CCV	1.00																	X									
CCB	1.00																	X									
MS-1C	1.00																	X									
ZZZZZ	1.00																	X									
ZZZZZ	1.00																	X									
ZZZZZ	1.00																	X									
ZZZZZ	1.00																	X									
CCV	1.00																	X									
CCB	1.00	1840																X									

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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: COLEMAN-1 Method: CV

Start Date: 10/19/94 End Date: 10/19/94

EPA Sample No.	D/F	Time	% R	Analytes																						
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1700																X									
S0.5	1.00																	X									
S1	1.00																	X									
S5	1.00																	X									
S10	1.00																	X									
ICV	1.00																	X									
ICB	1.00																	X									
CRA	1.00																	X									
PBW01	1.00																	X									
FIELD BLANK	1.00																	X									
ZZZZZ	1.00																	X									
CCV	1.00																	X									
CCB	1.00	1815																X									

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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: SPEC-1 Method: C

Start Date: 10/14/94 End Date: 10/14/94

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1610																									X
S10	1.00	1610																									X
S25	1.00	1610																									X
S50	1.00	1611																									X
S100	1.00	1611																									X
S200	1.00	1611																									X
S300	1.00	1611																									X
ICV	1.00	1620																									X
ICB	1.00	1620																									X
PBS01	1.00	1620																									X
FIELD BLANK	1.00	1620																									X
MS-4C	1.00	1621																									X
MS-2A	1.00	1621																									X
MS-2D	1.00	1621																									X
MS-1D	1.00	1621																									X
MS-1C	1.00	1622																									X
CCV	1.00	1642																									X
CCB	1.00	1642																									X
DIG STD	1.00	1642																									X
DIG BLK	1.00	1642																									X
MS-2DMS	1.00	1642																									X
MS-2DMSD	1.00	1643																									X
DIG STD	1.00	1643																									X
ZZZZZ	1.00	1643																									
ZZZZZ	1.00	1643																									
ZZZZZ	1.00	1643																									
CCV	1.00	1700																									X
CCB	1.00	1700																									X
DIG BLK	1.00	1700																									X
DIG STD	1.00	1700																									X
ZZZZZ	1.00	1701																									
ZZZZZ	1.00	1701																									
ZZZZZ	1.00	1701																									

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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: SPEC-1 Method: C

Start Date: 10/14/94 End Date: 10/14/94

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
MS-2DMSL	10.00	1702																									X
ZZZZZ	1.00	1702																									
CCV	1.00	1702																									X
CCB	1.00	1702																									X

C: QUARTERLY VERIFICATIONS

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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:

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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

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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
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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:

0140

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	

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 2				Seq: 278	11:45:47 27 Oct 1994 ICP			
Al3	.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			
Al3	.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

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

*** Standard: 2 Rep: 1 Seq: 281 12:02:25 27 Oct 1994 ICP

Al3	20.00	PPM		1097748	1084968	1079226		
			Ave. Int. =	1087314	S. D. =	9481		
Ba1	20.00	PPM		60057490	59356622	59108665		
			Ave. Int. =	59507592	S. D. =	492099		
Ca3	500.0	PPM		147274240	147622969	146283376		
			Ave. Int. =	147060195	S. D. =	694974		
Cu1	2.500	PPM		1270583	1267887	1254063		
			Ave. Int. =	1264178	S. D. =	8863		
Fe2	10.00	PPM		2355622	2382655	2396205		
			Ave. Int. =	2378161	S. D. =	20661		
Mg3	500.0	PPM		401340475	397713227	400270393		
			Ave. Int. =	399774698	S. D. =	1863737		
Mn1	3.000	PPM		4899979	4889012	4913617		
			Ave. Int. =	4900869	S. D. =	12327		
K 1	500.0	PPM		784006	781104	782236		
			Ave. Int. =	782449	S. D. =	1463		
Na2	500.0	PPM		13713607	13740948	13827553		
			Ave. Int. =	13760703	S. D. =	59486		

*** Standard: 2 Rep: 2 Seq: 282 12:04:43 27 Oct 1994 ICP

Al3	20.00	PPM		1118980	1083198	1103872		
			Ave. Int. =	1102017	S. D. =	17963		
Ba1	20.00	PPM		60712953	59777978	59340843		
			Ave. Int. =	59943925	S. D. =	700946		
Ca3	500.0	PPM		147525720	148529978	148151312		
			Ave. Int. =	148069003	S. D. =	507163		
Cu1	2.500	PPM		1266280	1264188	1283280		
			Ave. Int. =	1271249	S. D. =	10471		
Fe2	10.00	PPM		2398217	2396974	2386190		
			Ave. Int. =	2393794	S. D. =	6614		
Mg3	500.0	PPM		396248369	398006859	400391823		
			Ave. Int. =	398215684	S. D. =	2079605		
Mn1	3.000	PPM		5022134	4996711	4963200		
			Ave. Int. =	4994015	S. D. =	29559		
K 1	500.0	PPM		783908	787823	783973		
			Ave. Int. =	785235	S. D. =	2242		
Na2	500.0	PPM		13990221	13907135	13780120		
			Ave. Int. =	13892492	S. D. =	105813		

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

*** Standard: 2 Rep: 3 Seq: 283 12:07:00 27 Oct 1994 ICP

Al3	20.00	PPM	1109393	1089096	1098263	
			Ave. Int. =	1098917	S. D. =	10164
Ba1	20.00	PPM	58330779	57910040	59125264	
			Ave. Int. =	58455361	S. D. =	617117
Ca3	500.0	PPM	148408269	147539107	147721221	
			Ave. Int. =	147889532	S. D. =	458374
Cu1	2.500	PPM	1273056	1270515	1268838	
			Ave. Int. =	1270803	S. D. =	2124
Fe2	10.00	PPM	2377732	2412825	2411736	
			Ave. Int. =	2400764	S. D. =	19954
Mg3	500.0	PPM	395909766	401324879	400966805	
			Ave. Int. =	399400483	S. D. =	3028347
Mn1	3.000	PPM	4989279	5041816	4999955	
			Ave. Int. =	5010350	S. D. =	27768
K 1	500.0	PPM	794336	785213	790077	
			Ave. Int. =	789875	S. D. =	4565
Na2	500.0	PPM	13831068	14025331	13681764	
			Ave. Int. =	13846054	S. D. =	172273

*** Peak Seq: 284 12:11:13 27 Oct 1994

XAp = 118 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1504675

*** Check Standard: 2 Ck2 ICV Seq: 285 12:13:32 27 Oct 1994 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Al3		92.59	18.62	20.11	PPM	.0657
Ba1		100.0	20.00	20.00	PPM	.1635
Ca3		97.53	487.7	500.0	PPM	1.132
Cu1		99.49	2.526	2.539	PPM	.0131
Fe2		99.11	9.911	10.00	PPM	.0488
Mg3		94.88	474.4	500.0	PPM	2.448
Mn1		97.39	2.922	3.000	PPM	.0039
K 1		99.48	497.4	500.0	PPM	4.200
Na2		98.93	494.7	500.1	PPM	5.080

*** Sample ID: ICB 10/27/94 Seq: 286 12:21:10 27 Oct 1994 ICP

Al3	.0005	PPM	.0118	.0091	.0052	-.0129
Ba1	.0007	PPM	.0002	.0006	.0005	.0009
Ca3	.0148	PPM	.0047	.0184	.0166	.0095
Cu1	.0034	PPM	[illegible]	[illegible]	[illegible]	[illegible]

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

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

*** 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
Al3		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

Al3	.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

Al3	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

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

*** 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

E1005-02

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

*** 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

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

*** 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

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

*** Sample ID: A2-2D MS 10/27/94 Seq: 302 13:31:17 27 Oct 1994 ICP

MS-2D-MS

Al3	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	%Rcv.	Found	True	Units	SD/RSD
Al3		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

Al3	.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

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

*** Sample ID: A2-2D MSD 10/27/94 Seq: 307 13:55:01 27 Oct 1994 ICP

MS-2D MSD

Line	Conc.	Units	SD/RSD	1	2	3	4	5
Al3	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

MS-1D

Al3	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

MS-1D2

Al3	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		

*** Peak Seq: 310 14:08:47 27 Oct 1994

XAp = 115 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1477375

*** Sample ID: 05-02 A11C 10/27/94 Seq: 311 14:11:05 27 Oct 1994 ICP

MS-1C

Line	Conc.	Units	SD/RSD	1	2	3	4	5
Al3	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		

*** Sample ID: PRPBLK H2O 10/27/94 Seq: 312 14:15:33 27 Oct 1994 ICP

E/005-92

Al3	.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		

*** 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

Al3	.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		

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

*** 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

*** 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

*** 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

*** Peak Seq: 319 15:13:14 27 Oct 1994

XAp = 114 YAp = 103 XPMT = 166 YPMT = 680 Intensity = 1501595

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

*** Check Standard: 3 Ck3 CCV Seq: 320 15:15:33 27 Oct 1994 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Al3		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

Al3	.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

Al3	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

22222

*** 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
113% R

22222

*** Peak Seq: 325 15:39:58 27 Oct 1994

XAp = 114 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1526890

*** Sample ID: GRP C MSD 10/27/94 Seq: 326 15:42:17 27 Oct 1994 ICP

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

*** Sample ID: 06-05 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

*** 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

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

*** 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		

*** 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		

*** 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		

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

*** Check Standard: 3 Ck3 CCV Seq: 334 16:18:57 27 Oct 1994 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Al3		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 XPMT = 166 YPMT = 680 Intensity = 1528532

*** Sample ID: CCB 10/27/94 Seq: 336 16:25:22 27 Oct 1994 ICP

Al3	.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

Al3	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

XAp = 114 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1564070

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

*** Check Standard: 3 Ck3 CCV Seq: 342 16:52:07 27 Oct 1994 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
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

*** 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

Folder: CLP-1E
09:01:12 28 Oct 1994 Protocol: CLP-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

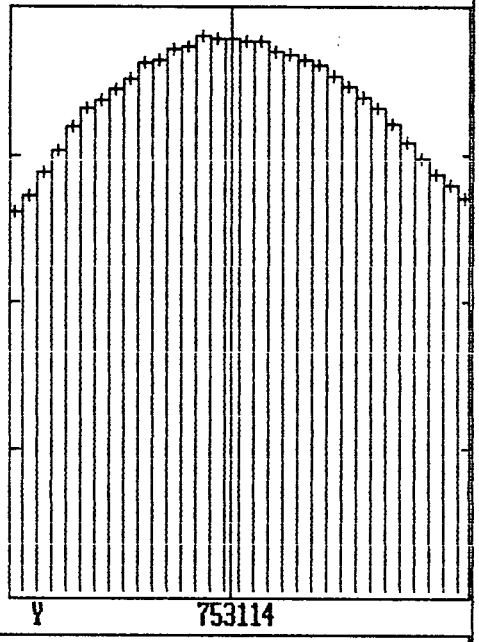
XAp = 122 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1317151

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

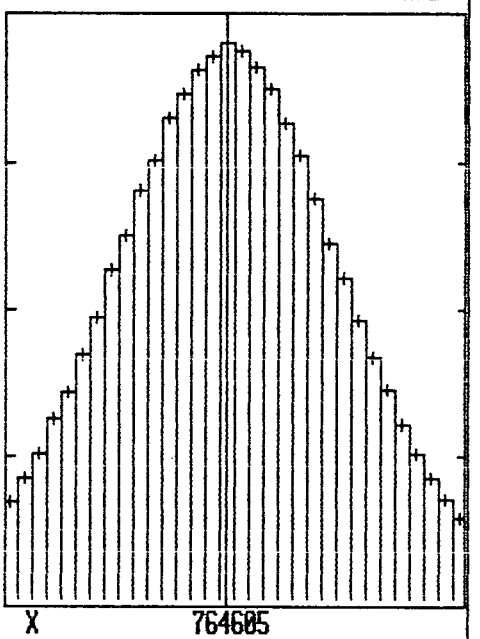


Protocol: CLP-1
Mode: Sequential Rev: 2.005 Time: 10:22:13 28 Oct 1994
Folder: CLP-1E Seq: 352 Print: On
User: Batch: 10/27/94 Id: CCB Cup:
State: Idle Xmit: Off Autosampler: Off

ICP: Operation Mn1

peaK cup = S1
peak X, Y, Both (X, Y, X)

Tip to rinse



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

*** Peak Seq: 354 10:25:14 28 Oct 1994

XAp = 121 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1342361

*** Standard: 1 Rep: 1 Seq: 355 10:29:02 28 Oct 1994 ICP

Be1	.0000	PPM		-126	346	380	
			Ave. Int. =		200	S. D. =	283
Cd3	.0000	PPM		-67	-324	-214	
			Ave. Int. =		-202	S. D. =	129
Cr4	.0000	PPM		418	258	511	
			Ave. Int. =		396	S. D. =	128
Co1	.0000	PPM		-690	-728	-1276	
			Ave. Int. =		-898	S. D. =	328
Ni3	.0000	PPM		-1702	-1862	-1882	
			Ave. Int. =		-1815	S. D. =	99
Ag1	.0000	PPM		-2763	-2558	-2484	
			Ave. Int. =		-2602	S. D. =	145
V 3	.0000	PPM		-359	-459	-537	
			Ave. Int. =		-452	S. D. =	89
Zn1	.0000	PPM		4790	5249	4753	
			Ave. Int. =		4931	S. D. =	276

*** Standard: 1 Rep: 2 Seq: 356 10:31:02 28 Oct 1994 ICP

Be1	.0000	PPM		222	191	-36	
			Ave. Int. =		126	S. D. =	141
Cd3	.0000	PPM		274	-353	-868	
			Ave. Int. =		-316	S. D. =	572
Cr4	.0000	PPM		-553	474	824	
			Ave. Int. =		248	S. D. =	716
Co1	.0000	PPM		-964	-862	-674	
			Ave. Int. =		-833	S. D. =	147
Ni3	.0000	PPM		-2096	-1947	-1234	
			Ave. Int. =		-1759	S. D. =	461
Ag1	.0000	PPM		-1992	-1681	-2438	
			Ave. Int. =		-2037	S. D. =	381
V 3	.0000	PPM		195	-166	746	
			Ave. Int. =		258	S. D. =	459
Zn1	.0000	PPM		5437	5773	6027	
			Ave. Int. =		5746	S. D. =	296

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

*** Standard: 1 Rep: 3 Seq: 357 10:33:03 28 Oct 1994 ICP

Be1	.0000	PPM		-75	-200	851		
			Ave. Int. =	192	S. D. =	574		
Cd3	.0000	PPM		-238	-316	-502		
			Ave. Int. =	-352	S. D. =	136		
Cr4	.0000	PPM		862	-12	-723		
			Ave. Int. =	42	S. D. =	794		
Co1	.0000	PPM		-785	-1244	-1044		
			Ave. Int. =	-1024	S. D. =	230		
Ni3	.0000	PPM		-2249	-1623	-1970		
			Ave. Int. =	-1947	S. D. =	314		
Ag1	.0000	PPM		-1814	-2848	-3592		
			Ave. Int. =	-2751	S. D. =	893		
V 3	.0000	PPM		132	-280	-847		
			Ave. Int. =	-332	S. D. =	492		
Zn1	.0000	PPM		5338	6334	5341		
			Ave. Int. =	5671	S. D. =	574		

*** Peak Seq: 358 10:37:06 28 Oct 1994

XAp = 121 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1322843

*** Standard: 2 Rep: 1 Seq: 359 10:39:09 28 Oct 1994 ICP

Be1	.5000	PPM		2799709	2814009	2794309		
			Ave. Int. =	2802676	S. D. =	10180		
Cd3	5.000	PPM		731996	732134	735249		
			Ave. Int. =	733126	S. D. =	1840		
Cr4	2.000	PPM		711164	709936	709650		
			Ave. Int. =	710250	S. D. =	804		
Co1	5.000	PPM		377329	374078	371205		
			Ave. Int. =	374204	S. D. =	3064		
Ni3	8.000	PPM		500692	503806	502451		
			Ave. Int. =	502316	S. D. =	1561		
Ag1	2.000	PPM		474405	468697	471515		
			Ave. Int. =	471539	S. D. =	2854		
V 3	5.000	PPM		2424145	2487978	2466303		
			Ave. Int. =	2459475	S. D. =	32460		
Zn1	4.000	PPM		3038353	3039516	3054422		
			Ave. Int. =	3044097	S. D. =	8961		

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

*** Standard: 2 Rep: 2 Seq: 360 10:41:09 28 Oct 1994 ICP

Be1	.5000	PPM		2848099	2836193	2825490
			Ave. Int. =	2836594	S. D. =	11310
Cd3	5.000	PPM		749287	738376	742243
			Ave. Int. =	743302	S. D. =	5532
Cr4	2.000	PPM		715160	717642	721882
			Ave. Int. =	718228	S. D. =	3399
Co1	5.000	PPM		375627	382349	379879
			Ave. Int. =	379285	S. D. =	3400
Ni3	8.000	PPM		511002	516544	516040
			Ave. Int. =	514529	S. D. =	3065
Ag1	2.000	PPM		482287	472897	480084
			Ave. Int. =	478423	S. D. =	4911
V 3	5.000	PPM		2466885	2470958	2473174
			Ave. Int. =	2470339	S. D. =	3190
Zn1	4.000	PPM		3094970	3041701	3107716
			Ave. Int. =	3081462	S. D. =	35019

*** Standard: 2 Rep: 3 Seq: 361 10:43:10 28 Oct 1994 ICP

Be1	.5000	PPM		2841661	2886475	2861645
			Ave. Int. =	2863260	S. D. =	22451
Cd3	5.000	PPM		763900	756092	749835
			Ave. Int. =	756609	S. D. =	7047
Cr4	2.000	PPM		725128	719844	715065
			Ave. Int. =	720012	S. D. =	5034
Co1	5.000	PPM		382955	380657	380239
			Ave. Int. =	381284	S. D. =	1462
Ni3	8.000	PPM		522714	518458	508916
			Ave. Int. =	516696	S. D. =	7066
Ag1	2.000	PPM		474610	478788	481368
			Ave. Int. =	478255	S. D. =	3410
V 3	5.000	PPM		2493227	2452562	2477243
			Ave. Int. =	2474344	S. D. =	20487
Zn1	4.000	PPM		3092643	3066954	3081430
			Ave. Int. =	3080342	S. D. =	12879

*** Peak Seq: 362 10:51:41 28 Oct 1994

XAp = 120 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1308171

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

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

*** 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
Cd3	.0135	PPM	.0023	.0121	.0123	.0163
Cr4	.0102	PPM	.0008	.0106	.0093	.0109
Co1	.0088	PPM	.0038	.0088	.0050	.0127
Ni3	.0063	PPM	.0029	.0070	.0089	.0031
Ag1	-.0053	PPM	.0010	-.0065	-.0046	-.0049
V 3	-.0012	PPM	.0017	-.0031	-.0003	-.0001
Zn1	.0597	PPM	.0003	.0597	.0594	.0599

*** Sample ID: ICS AB 10/28/94 Seq: 370 11:22:02 28 Oct 1994 ICP

Be1	.5391	PPM	.0047	.5446	.5361	.5368
Cd3	1.078	PPM	.0066	1.085	1.078	1.072
Cr4	.5251	PPM	.0033	.5247	.5220	.5286
Co1	.5338	PPM	.0051	.5303	.5396	.5314
Ni3	1.031	PPM	.0157	1.042	1.013	1.038
Ag1	1.047	PPM	.0025	1.044	1.048	1.049
V 3	.5148	PPM	.0030	.5182	.5126	.5135
Zn1	1.074	PPM	.0075	1.067	1.073	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
Cd3	.0126	PPM	.0025	.0098	.0144	.0136
Cr4	.0219	PPM	.0023	.0245	.0212	.0200
Co1	.1180	PPM	.0041	.1216	.1135	.1189
Ni3	.0992	PPM	.0077	.0961	.1080	.0936
Ag1	.0191	PPM	.0021	.0211	.0192	.0170
V 3	.1121	PPM	.0013	.1135	.1117	.1110
Zn1	.0436	PPM	.0031	.0406	.0468	.0433

*** Peak Seq: 373 11:39:14 28 Oct 1994

XAp = 119 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1480405

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

*** 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	[illegible]	PPM	[illegible]	[illegible]	[illegible]	[illegible]

Ag1	-.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

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

*** 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

*** 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

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

*** 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

Folder: CLP-1E Page 10
12:43:11 28 Oct 1994 Protocol: CLP-1

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 05-02 A11C 10/28/94 Seq: 389 12:43:11 28 Oct 1994 ICP								
			MS-1C					
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								
			PBW01					
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		

E1005-02

*** 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

22222

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

*** 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

ZZZZZ

*** 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

ZZZZZ

*** 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

*** Peak Seq: 398 13:25:23 28 Oct 1994

XAp = 117 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1491286

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

*** 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

ZZZZZ

*** 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

post Spike
Spike = 0.30 ppm
115% R

ZZZZZ

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

ZZZZZ

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

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

*** 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	-.0095	PPM	[illegible]	[illegible]	[illegible]	[illegible]		

0180

E1006-05

Ag1	-.0042	PPM	.0046	-.0023	-.0009	-.0094
V 3	-.0003	PPM	.0012	-.0008	.0011	-.0011
Zn1	.0026	PPM	.0011	.0018	.0039	.0022

ZZZZZ

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

ZZZZZ

*** 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

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

*** Sample ID: ICS A 10/28/94 Seq: 415 14:39:26 28 Oct 1994 ICP

Be1	.0001	PPM	.0000	.0001	.0000	.0001
Cd3	.0142	PPM	.0010	.0139	.0134	.0154
Cr4	.0097	PPM	.0018	.0076	.0110	.0104
Co1	.0056	PPM	.0026	.0036	.0046	.0086
Ni3	-.0002	PPM	.0012	.0001	.0008	-.0016
Ag1	-.0081	PPM	.0014	-.0081	-.0067	-.0096
V 3	-.0015	PPM	.0014	-.0028	-.0001	-.0016
Zn1	.0544	PPM	.0026	.0516	.0567	.0548

*** Sample ID: ICS AB 10/28/94 Seq: 416 14:44:01 28 Oct 1994 ICP

Be1	.4874	PPM	.0062	.4804	.4897	.4922
Cd3	1.011	PPM	.0047	1.010	1.007	1.016
Cr4	.4991	PPM	.0015	.4974	.5003	.4996
Co1	.5065	PPM	.0060	.5134	.5032	.5029
Ni3	.9881	PPM	.0065	.9814	.9884	.9944
Ag1	.9386	PPM	.0044	.9358	.9363	.9436
V 3	.4829	PPM	.0051	.4774	.4837	.4875
Zn1	.9947	PPM	.0128	.9993	1.005	.9803

*** Peak Seq: 417 14:48:14 28 Oct 1994

XAp = 114 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1503609

*** Sample ID: CRDL X2 10/28/94 Seq: 418 14:50:17 28 Oct 1994 ICP

Be1	.0097	PPM	.0002	.0098	.0098	.0095
Cd3	.0090	PPM	.0012	.0091	.0102	.0078
Cr4	.0210	PPM	.0011	.0220	.0212	.0198
Co1	.1081	PPM	.0041	.1057	.1128	.1059
Ni3	.0759	PPM	.0018	.0745	.0779	.0753
Ag1	.0140	PPM	.0014	.0131	.0133	.0157
V 3	.1054	PPM	.0018	.1052	.1073	.1038
Zn1	.0426	PPM	.0024	.0398	.0444	.0435

*** Peak Seq: 419 14:55:43 28 Oct 1994

XAp = 114 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1530160

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

```
*** 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
```

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

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

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

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

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

MS-2D MS

*** Sample ID: A2-2D MS 10/7/94 Seq: 789 18:28:13 07 Oct 1994 ICP

Pb1 .7464 PPM .0111 .7381 .7590 .7421 99.5% R

MS-2D MSD

*** Sample ID: A2-2D MSD 10/7/94 Seq: 790 18:31:06 07 Oct 1994 ICP

Pb1 .0231 PPM .0265 .0532 .0034 .0128

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

*** Peak Seq: 792 18:41:18 07 Oct 1994

XAp = 114 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1548538

MS-2E L

*** Sample ID: A2-2E 5X 10/7/94 Seq: 793 18:41:58 07 Oct 1994 ICP

Pb1 .2824 PPM .0298 .2791 .2544 .3137 1.412

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

0187

*** Peak Seq: 797 18:54:28 07 Oct 1994

XAp = 114 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1544489

*** Sample ID: CCB 10/7/94 Seq: 798 18:55:08 07 Oct 1994 ICP

Pb1	.0094	PPM	.0237	.0126	-.0158	.0313

MS-1D

*** Sample ID: A1-1D 10/7/94 Seq: 799 18:59:13 07 Oct 1994 ICP

Pb1	.0108	PPM	.0091	.0059	.0213	.0053

MS-1DL

*** Sample ID: A1-1D 5X 10/7/94 Seq: 800 19:01:35 07 Oct 1994 ICP

Pb1	.0280	PPM	.0069	.0221	.0355	.0265

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

MS-1C

*** 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

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*** Standard: 1 Rep: 1                Seq:  82      13:26:21 15 Oct 1994 ICP

Pb1   .0000   PPM            -686     -2134     -1438
                       Ave. Int. =    -1419 S. D. =      724

*** Standard: 1 Rep: 2                Seq:  83      13:26:55 15 Oct 1994 ICP

Pb1   .0000   PPM            -570      1970     -2858
                       Ave. Int. =     -486 S. D. =     2415

*** Standard: 1 Rep: 3                Seq:  84      13:27:30 15 Oct 1994 ICP

Pb1   .0000   PPM            1444    -12172      -460
                       Ave. Int. =    -3729 S. D. =     7373

*** Standard: 2 Rep: 1                Seq:  85      13:30:18 15 Oct 1994 ICP

Pb1   5.000   PPM          720579    711625    706457
                       Ave. Int. =   712887 S. D. =     7145

*** Standard: 2 Rep: 2                Seq:  86      13:30:53 15 Oct 1994 ICP

Pb1   5.000   PPM          721273    723753    725577
                       Ave. Int. =   723534 S. D. =     2160

*** Standard: 2 Rep: 3                Seq:  87      13:31:27 15 Oct 1994 ICP

Pb1   5.000   PPM          725049    716270    720401
                       Ave. Int. =   720573 S. D. =     4392

*** Check Standard: 2  Ck2 ICV        Seq:  88      13:34:50 15 Oct 1994 ICP
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Pb1         96.50   4.825   5.000  PPM         .0261

*** Peak                              Seq:  89      13:36:47 15 Oct 1994

XAp = 117  YAp = 104   XPMT = 166  YPMT = 680  Intensity =   1545297
```

```
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
```

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

*** Sample ID: 5A-101194  10/15/94   Seq:  102    14:07:07 15 Oct 1994 ICP

Pb1   .0301   PPM       .0082     .0295   .0223   .0386

*** 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

*** Sample ID: 5B 101194  10/15/94   Seq:  106    14:19:22 15 Oct 1994 ICP

Pb1   .0172   PPM       .0120     .0309   .0119   .0087

*** Sample ID: 2F 101194  10/15/94   Seq:  107    14:21:49 15 Oct 1994 ICP

Pb1   .0068   PPM       .0020     .0053   .0061   .0091

*** Sample ID: 2F  5X     10/15/94   Seq:  108    14:24:58 15 Oct 1994 ICP

Pb1   .0046   PPM       .0197    -.0177   .0120   .0196

*** 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

*** Sample ID: ICS AB     10/15/94   Seq:  111    14:29:55 15 Oct 1994 ICP

Pb1   .8312   PPM       .0236     .8468   .8040   .8427

*** Sample ID: IDL X2     10/15/94   Seq:  112    14:33:15 15 Oct 1994 ICP

Pb1   .0653   PPM       .0027     .0630   .0646   .0683

*** 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
```

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

*** Peak Seq: 114 14:39:52 15 Oct 1994

XAp = 116 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1548161

*** Sample ID: CCB 10/15/94 Seq: 115 14:40:33 15 Oct 1994 ICP

Pb1	-.0167	PPM	.0074	-.0243	-.0095	-.0164

09:11:28 31 Oct 1994

Folder: SB-CLP
Protocol: SB-CLP

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

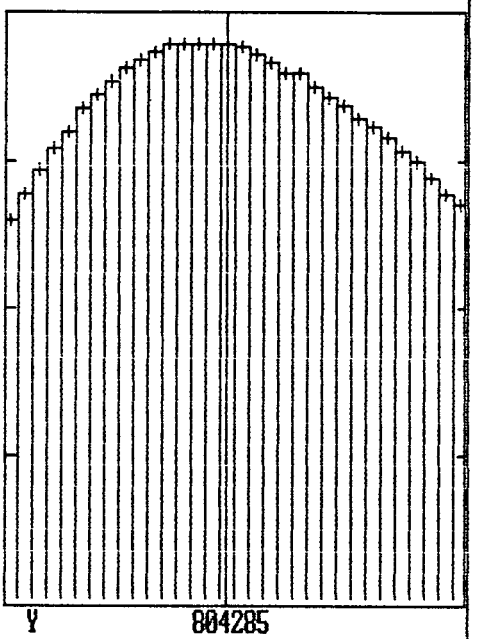
XAp = 121 YAp = 105 XPMT = 166 YPMT = 680 Intensity = 1449343

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

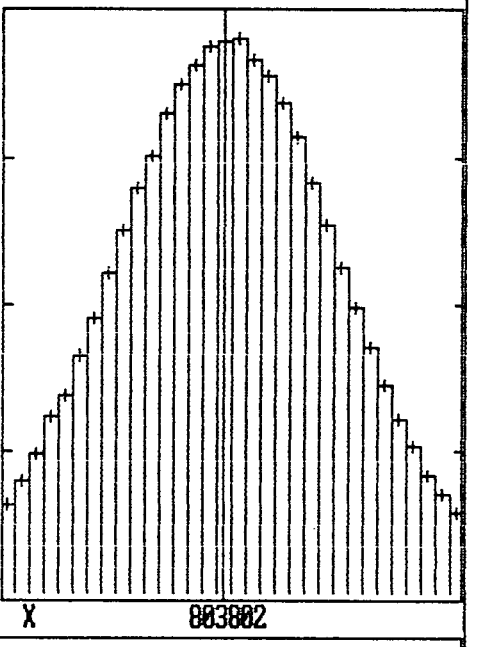


Protocol: SB-CLP
Mode: Sequential Rev: 2.005 Time: 10:27:40 31 Oct 1994
Folder: SB-CLP Seq: 176 Print: On
User: Batch: 10/31/94 Id: Cup:
State: Idle Xmit: Off Autosampler: Off

ICP: Operation Mn1

peaK cup = S1
peak X, Y, Both (X, Y, X)

Tip to rinse



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

*** Standard: 1 Rep: 1 Seq: 177 10:31:11 31 Oct 1994 ICP

Sb1	.0000	-845	-3099	-5710	
		Ave. Int. =	-3218	S. D. =	2435

*** Standard: 1 Rep: 2 Seq: 178 10:31:45 31 Oct 1994 ICP

Sb1	.0000	-635	-2859	-2522	
		Ave. Int. =	-2005	S. D. =	1199

*** Standard: 1 Rep: 3 Seq: 179 10:32:19 31 Oct 1994 ICP

Sb1	.0000	-3349	-4757	-2409	
		Ave. Int. =	-3505	S. D. =	1182

*** Standard: 2 Rep: 1 Seq: 180 10:34:55 31 Oct 1994 ICP

Sb1	10.00	553493	554631	545831	
		Ave. Int. =	551318	S. D. =	4786

*** Standard: 2 Rep: 2 Seq: 181 10:35:29 31 Oct 1994 ICP

Sb1	10.00	537637	545095	556473	
		Ave. Int. =	546402	S. D. =	9486

*** Standard: 2 Rep: 3 Seq: 182 10:36:04 31 Oct 1994 ICP

Sb1	10.00	552073	544681	559289	
		Ave. Int. =	552014	S. D. =	7304

*** Peak Seq: 183 10:38:12 31 Oct 1994

XAp = 121 YAp = 104 XPMT = 166 YPMT = 680 Intensity = 1460578

*** Check Standard: 2 Ck2 ICV Seq: 184 10:38:53 31 Oct 1994 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Sb1		100.5	1.005	1.000		.0475

*** Sample ID: ICB 10/31/94 Seq: 185 10:44:01 31 Oct 1994 ICP

Sb1	.0030	.0427	.0383	-.0444	.0152

*** Check Standard: 3 Ck3 CCV Seq: 186 10:47:59 31 Oct 1994 ICP

Line Flag %Rcv. Found True Units SD/RSD

Sb1 102.7 5.135 5.000 .0146

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: PRPBLKSOIL 10/31/94 Seq: 194 11:16:08 31 Oct 1994 ICP

Sb1 .0380 .0267 .0075 .0575 .0489 E1005-02

*** 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 MS-4C .0255 .0214 .0574 .0081

*** Peak Seq: 197 11:26:44 31 Oct 1994

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

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

*** Sample ID: 05-02 A22D 10/31/94   Seq:  199    11:31:49 31 Oct 1994 ICP

Sb1   .0061      MS-2D .0213     .0258  -.0166   .0089

*** Sample ID: A2-2D MS   10/31/94   Seq:  200    11:35:49 31 Oct 1994 ICP

Sb1   .5235      MS-2DMS .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
                                                  POST SPIKE
Sb1   .7387             .0303     .7737   .7227   .7197   SPIKE = 0.75 ppm
                                                          98% R
*** 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      MS-2D MSD .0302     .0317  -.0039  -.0285

*** Sample ID: 05-02 A11D 10/31/94   Seq:  207    11:58:00 31 Oct 1994 ICP

Sb1   .0248      MS-1D .0272    -.0043   .0290   .0496

*** Sample ID: A1-1D 5X   10/31/94   Seq:  208    12:00:59 31 Oct 1994 ICP

Sb1   .0107      MS-1DL .0381    .0253  -.0326   .0393

*** Sample ID: 05-02 A11C 10/31/94   Seq:  209    12:03:34 31 Oct 1994 ICP

Sb1  -.0058      MS-1C .0269    -.0042  -.0334   .0203

*** Peak                            Seq:  210    12:06:04 31 Oct 1994

XAp = 119  YAp = 103   XPMT = 166  YPMT = 680  Intensity =   1466331
```

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

*** Sample ID: PRPBLK H20 10/31/94 Seq: 211 12:06:45 31 Oct 1994 ICP

Sb1 -.0261 .0223 -.0138 -.0518 -.0126 E1005-02

*** Sample ID: 05-02 FBLK 10/31/94 Seq: 212 12:10:00 31 Oct 1994 ICP

Sb1 .0093 .0055 .0029 .0119 .0129

*** 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

*** 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

*** Peak Seq: 218 12:34:16 31 Oct 1994

XAp = 118 YAp = 103 XPMT = 166 YPMT = 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 XPMT = 166 YPMT = 680 Intensity = 1489968

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 GRPH 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	%Rcv.	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

*** 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

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

*** 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:

5% HCL 5% HNO_3

1ml (1000ppm Sb) ↑ 100ml = 10 ppm Sb
Johnson matthey

Sb CCV:

5% HCL 5% HNO_3

0.5ml (1000ppm Sb) ↑ 100ml = 5ppm Sb
Johnson Matthey

Sb ICV:

5% HCL 5% HNO_3

1ml Spex QC-19 ↑ 100ml = 1ppm Sb

10/28/94 DES

Retec E1005-02 A2-2D post spike:
0.3ml Spex Spike-1 ↑ 20ml A2-2D sample
(66.67x on SPEX spike-1)

1021AS.DAT

(AS)

SM
10/21/94

10
25
50 } calib. stds. = Spex

ICV = Leeman chp 4

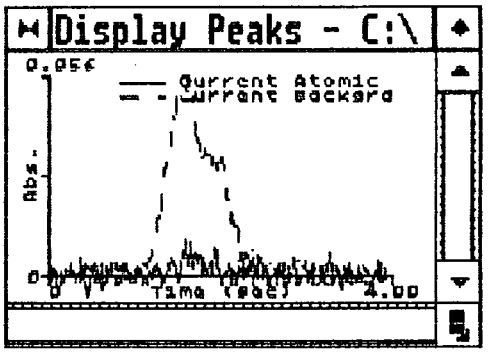
CLP-Soils - SDG19
E1005-02

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.

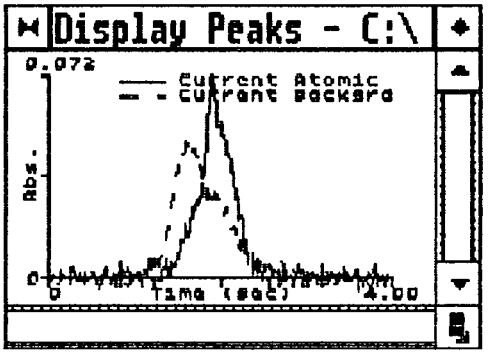
As ID: 10 ppb std Seq. No.: 00002 A/S Pos.: 3 Date: 10/21/94

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): 0.072

Background Pk Area (A-s): 0.031 Background Pk Height (A): 0.049
Blank Corrected Pk Area (A-s): 0.028
Concentration (ug/L): 13.0



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

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Standard number 2 applied. [25.0]
Correlation coefficient: 0.99977 Slope: 0.0027 Int: 0.001

~~~
~~~

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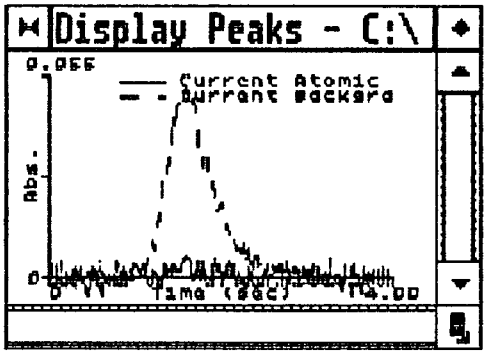
~~~



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

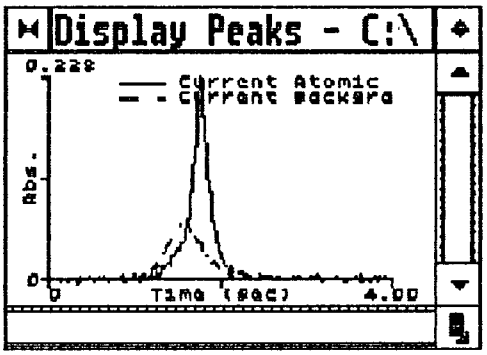
~~~
~~~

QC sample is within range 3 - 15

~~~
~~~

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%

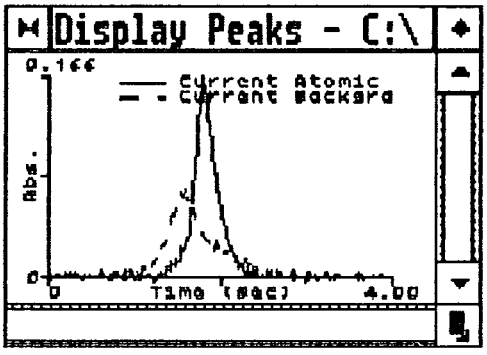
~~~
~~~

~~~
~~~

2x dilution

+V=40

94.0%



Mean Conc (ug/L): 18.8 SD: 0.25 RSD(%): 1.34
Corrected Conc (mg/kg): ----------

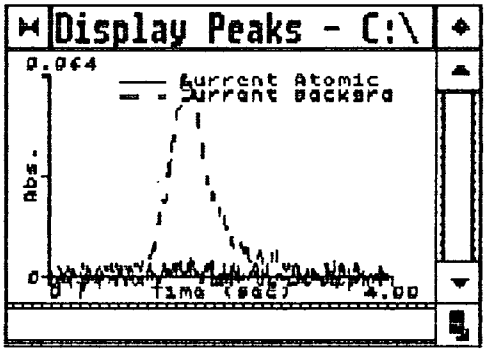
~~~
~~~

As ID: FIELD BLK Seq. No.: 00014 A/S Pos.: 13 Date: 10/21/94

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): ----------

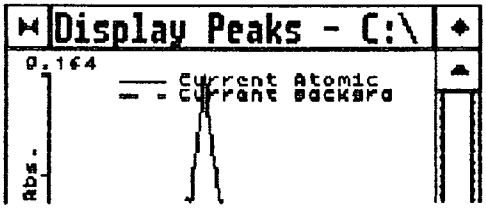


Mean Conc (ug/L): -0.8 SD: 0.34 RSD(%): 41.94
Corrected Conc (mg/kg): ----------

As ID: FIELD BLK A Seq. No.: 00015 A/S Pos.: 13 Date: 10/21/94

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%

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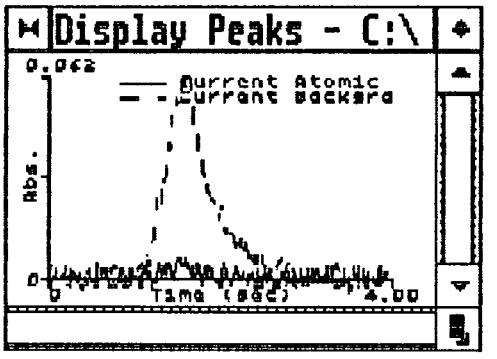
Background Pk Area (A-s): 0.042 Background Pk Height (A): 0.062
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L): -0.2 Corrected Conc (mg/kg): ----------



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

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As ID: 1005-02 A44C A Seq. No.: 00019 A/S Pos.: 14 Date: 10/21/94

MS-4CA

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

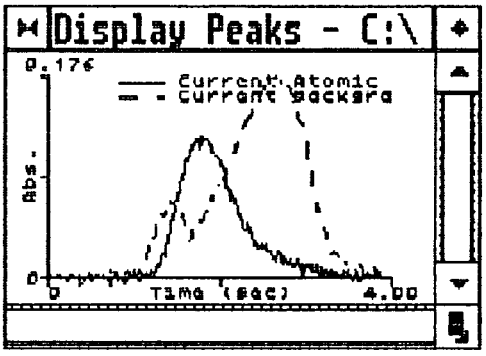
Peak Area (A-s): 0.106 Peak Height (A): 0.124

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%

As ID: 1005-02 A22A Seq. No.: 00020 A/S Pos.: 15 Date: 10/21/94

MS-2A

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

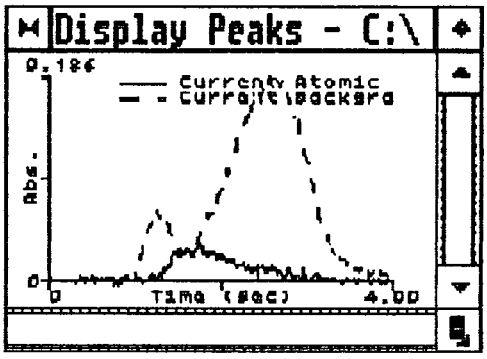
Replicate 2 (Peak Stored) Time: 12:15

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): ----------

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110.0%

Mean Conc (ug/L): 34.0 SD: 1.00 RSD(%): 2.94
Corrected Conc (mg/kg): ----------

Recovery is 110.4%

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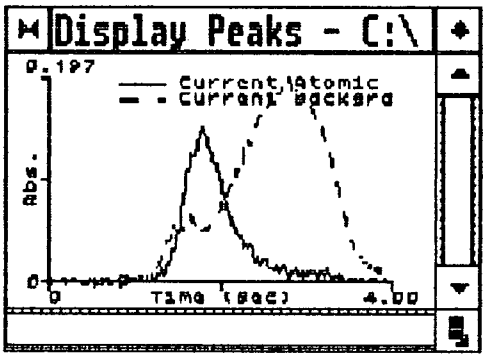
Concentration (ug/L): 34.1 Corrected Conc (mg/kg): ----------

108.5%



Mean Conc (ug/L): 34.3 SD: 0.29 RSD(%): 0.85
Corrected Conc (mg/kg): ----------

Recovery is 108.3%

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