



REPORT OF ANALYTICAL RESULTS

Case Number: I1104-14

SR-28-0143



**REPORT OF ANALYTICAL RESULTS**

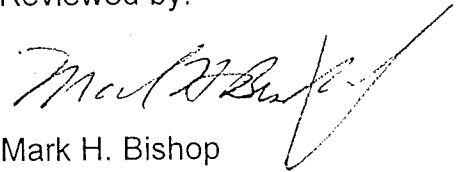
**Case Number: I1104-14**

Prepared for:

Metech International  
120 Mapleville Main St.  
Mapleville, RI 02839  
Attn: Mike McGrane

Report Date: NOVEMBER 13, 1998

Reviewed by:



Mark H. Bishop  
Laboratory Director

**NEW ENGLAND TESTING LABORATORY, INC.**

1254 Douglas Avenue, North Providence, Rhode Island 02904-5392  
PROVIDENCE (401) 353-3420 TOLL FREE: 1-888-863-8522

## SAMPLES SUBMITTED:

The following water samples were submitted to New England Testing Laboratory on 04 NOVEMBER 1998:

- |                    |                     |
|--------------------|---------------------|
| 1. MW-1 Filtered   | 9. MW-5 Filtered    |
| 2. MW-1 Unfiltered | 10. MW-5 Unfiltered |
| 3. MW-2 Filtered   | 11. MW-6 Filtered   |
| 4. MW-2 Unfiltered | 12. MW-6 Unfiltered |
| 5. MW-3 Filtered   | 13. MW-7 Filtered   |
| 6. MW-3 Unfiltered | 14. MW-7 Unfiltered |
| 7. MW-4 Filtered   | 15. MW-8 Filtered   |
| 8. MW-4 Unfiltered | 16. MW-8 Unfiltered |

The samples were assigned an internal identification code for laboratory information management purposes. The case number for this sample submission is:

**I1104-14**

## ANALYSIS PERFORMED:

The following table details the analyses performed on the samples at the request of the client:

<u>Sample</u>	<u>Analysis</u>	<u>Method</u>
I1104-14: Samples 1-16	PCBs	8082

Note: This method is documented in:

*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.*

## QUALITY ASSURANCE/CONTROL STATEMENTS

All samples were found to be properly preserved/cooled upon receipt. All analyses were performed within EPA designated holding-times. Procedure/calibration checks required by the designated protocols were within control limits.

## **ANALYTICAL RESULTS**

Results Section  
PCBs by 8082

Date Extracted	Date Analyzed	Reporting Limi	Method Blank 11/9/98	Method Blank 11/12/98	Method Blank 11/10/98	LCS 11/9/98	LCS-Dup 11/9/98	LCS 11/12/98	LCS 11/10/98
PCB-1016		1	ND	ND	ND				
PCB-1221		2	ND	ND	ND				
PCB-1232		1	ND	ND	ND				
PCB-1242		1	ND	ND	ND				
PCB-1248		1	ND	ND	ND				
PCB-1254		1	ND	ND	ND				
PCB-1260		1	ND	ND	ND	110% Recovery	111% Recovery	108% Recovery	

Results in ug/l

Surrogate Recovery, %

Surrogate	Recovery, %	Limits
TCMX	88	40-150
DCBP	109	40-150
	97	
	120	
	94	
	119	

Results Section  
PCBs by 8082

Date Extracted	Date Analyzed	Reporting Limi	MW-1 Filtered 11/10/98 11/12/98	MW-1 Unfiltered 11/9/98 11/12/98	MW-2 Filtered 11/10/98 11/12/98	MW-2 Unfiltered 11/10/98 11/12/98
PCB-1016		1	ND	ND	ND	ND
PCB-1221		2	ND	ND	ND	ND
PCB-1232		1	ND	ND	ND	ND
PCB-1242		1	ND	ND	ND	ND
PCB-1248		1	ND	ND	ND	ND
PCB-1254		1	ND	ND	ND	ND
PCB-1260		1	ND	ND	ND	ND

Results in ug/l

Surrogate Recovery, %

Surrogate Recovery, %	Limits
TCMX	40-150
DCBP	40-150
	97.0
	119.0
	90.9
	114.3
	93.9
	147.6

Results Section  
PCBs by 8082

Date Extracted	Date Analyzed	Reporting Limi	MW-3 Filtered 11/9/98 11/12/98	MW-3 Unfiltered 11/9/98 11/12/98	MW-4 Filtered 11/9/98 11/12/98	MW-4 Unfiltered 11/10/98 11/12/98
PCB-1016		1	ND	ND	ND	ND
PCB-1221		2	ND	ND	ND	ND
PCB-1232		1	ND	ND	ND	ND
PCB-1242		1	ND	ND	ND	ND
PCB-1248		1	ND	ND	ND	ND
PCB-1254		1	ND	ND	ND	ND
PCB-1260		1	ND	ND	ND	ND

Results in ug/l

Surrogate Recovery, %

Surrogate Recovery, %	Limits
TCMX	40-150
DCBP	40-150
	93.9
	114.3
	97.0
	128.6
	93.9
	128.6

Results Section  
PCBs by 8082

Date Extracted	Date Analyzed	Reporting Limit	MW-5 Filtered	MW-5 Unfiltered	MW-6 Filtered	MW-6 Unfiltered
			11/10/98	11/10/98	11/10/98	11/10/98
			11/12/98	11/12/98	11/12/98	11/12/98
PCB-1016		1	ND	ND	ND	ND
PCB-1221		2	ND	ND	ND	ND
PCB-1232		1	ND	ND	ND	ND
PCB-1242		1	ND	ND	ND	ND
PCB-1248		1	ND	ND	ND	ND
PCB-1254		1	ND	ND	ND	ND
PCB-1260		1	ND	ND	ND	ND

Results in ug/l

Surrogate Recovery, %

Surrogate Recovery, %	Limits
TCMX	40-150
DCBP	40-150
	90.9
	114.3
	57.6
	109.5
	75.8
	104.8
	84.8
	123.8



Results Section  
PCBs by 8082

Date Extracted	Date Analyzed	Reporting Limit	MW-7 Filtered 11/10/98 11/12/98	MW-7 Unfiltered 11/10/98 11/12/98	MW-8 Filtered 11/9/98 11/12/98	MW-8 Unfiltered 11/10/98 11/12/98
PCB-1016		1	ND	ND	ND	ND
PCB-1221		2	ND	ND	ND	ND
PCB-1232		1	ND	ND	ND	ND
PCB-1242		1	ND	ND	ND	ND
PCB-1248		1	ND	ND	ND	ND
PCB-1254		1	ND	ND	ND	ND
PCB-1260		1	ND	ND	ND	ND

Results in ug/l

Surrogate Recovery, %

Surrogate	Recovery, %	Limits
TCMX	106.1	40-150
DCBP	114.3	40-150
	100.0	103.0
	109.5	123.8

## Analytical Data

## Calibration Data

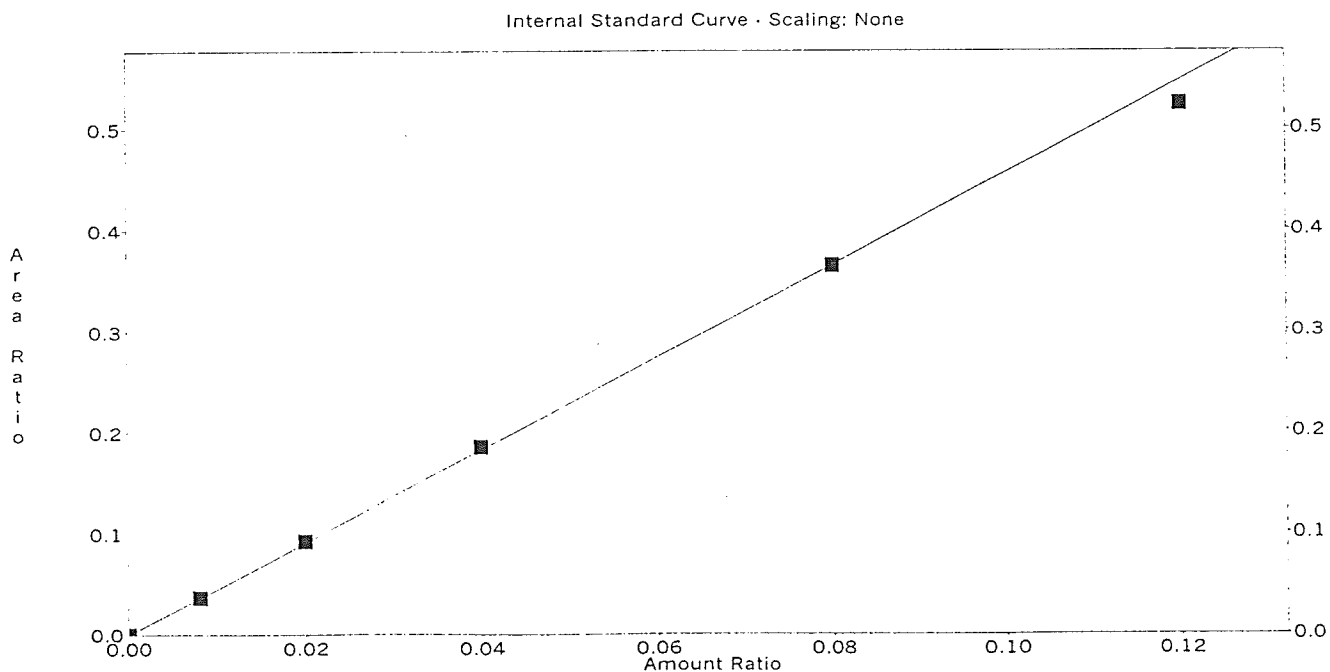
method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met \* - Replicate Not Used  
 Printed : Nov 13, 1998 10:25:04  
 hannel : B  
 eak : TCMX

Level	Area Ratio	Amount Ratio	RF	Rep Area 1 Ratio	Rep Area 2 Ratio	Rep Area 3 Ratio	Rep Area 4 Ratio	Rep Area 5 Ratio	Replic STD	Replic %RSD	Old Area Ratio
1	0.5243	0.12	4.37	0.5243							0
2	0.3648	0.08	4.56	0.3648							0
3	0.1854	0.04	4.63	0.1854							0
4	0.0928	0.02	4.64	0.0928							0
5	0.0368	0.008	4.60	0.0368							0

lib Flag: Replace

Average RF: 4.56129  
 StdDev: 0.111706  
 %RSD: 2.449

RF Definition: Area / Amount  
 Average RF Fit: Amount = Area / 4.56129



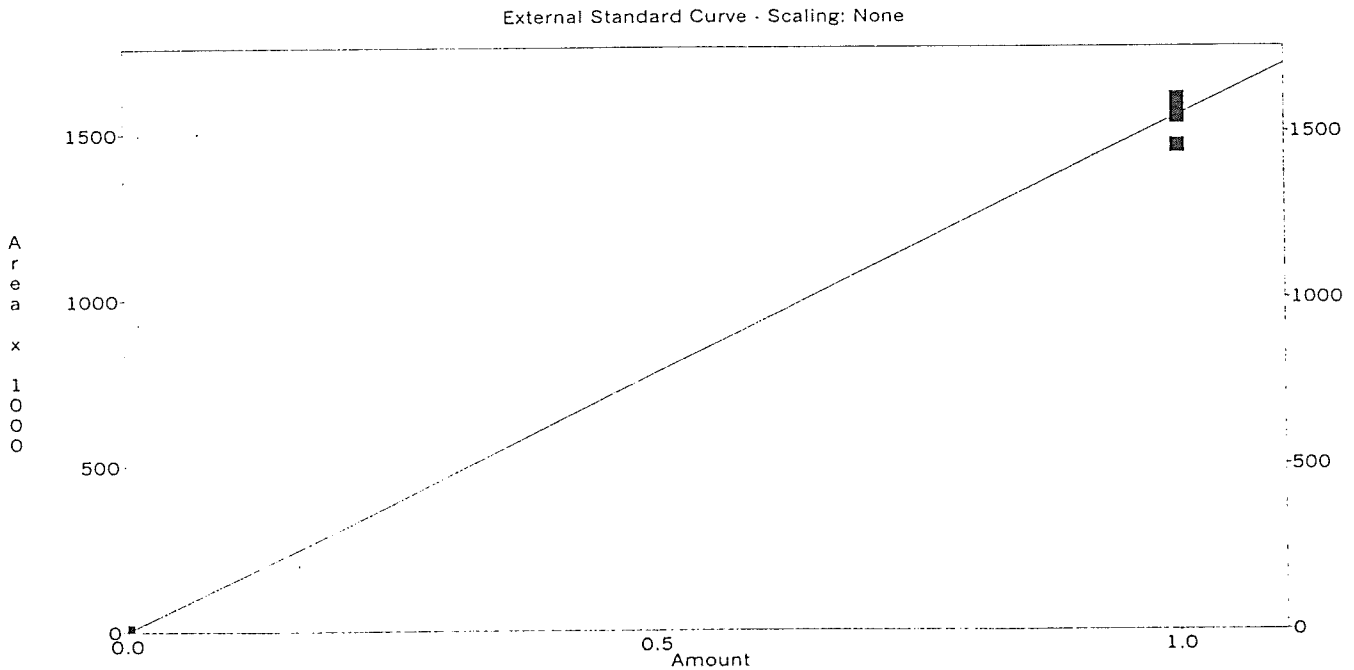
Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met \* - Replicate Not Used  
 Printed : Nov 13, 1998 10:25:04  
 Channel : B  
 Peak : IS

Level	Area	Amount	RF	Rep Area 1	Rep Area 2	Rep Area 3	Rep Area 4	Rep Area 5	Replic STD	Replic %RSD	Old Area
1	1598838		1	1598838.00			1598838				0
2	1547461		1	1547461.00			1547461				0
3	1560059		1	1560059.00			1560059				0
4	1458873		1	1458873.00			1458873				0
5	1581493		1	1581493.00			1581493				0

lib Flag: Replace

Average RF: 1.54934e+006  
 StdDev: 54283  
 %RSD: 3.504

F Definition: Area / Amount  
 Average RF Fit: Amount = Area / 1.54934e+006



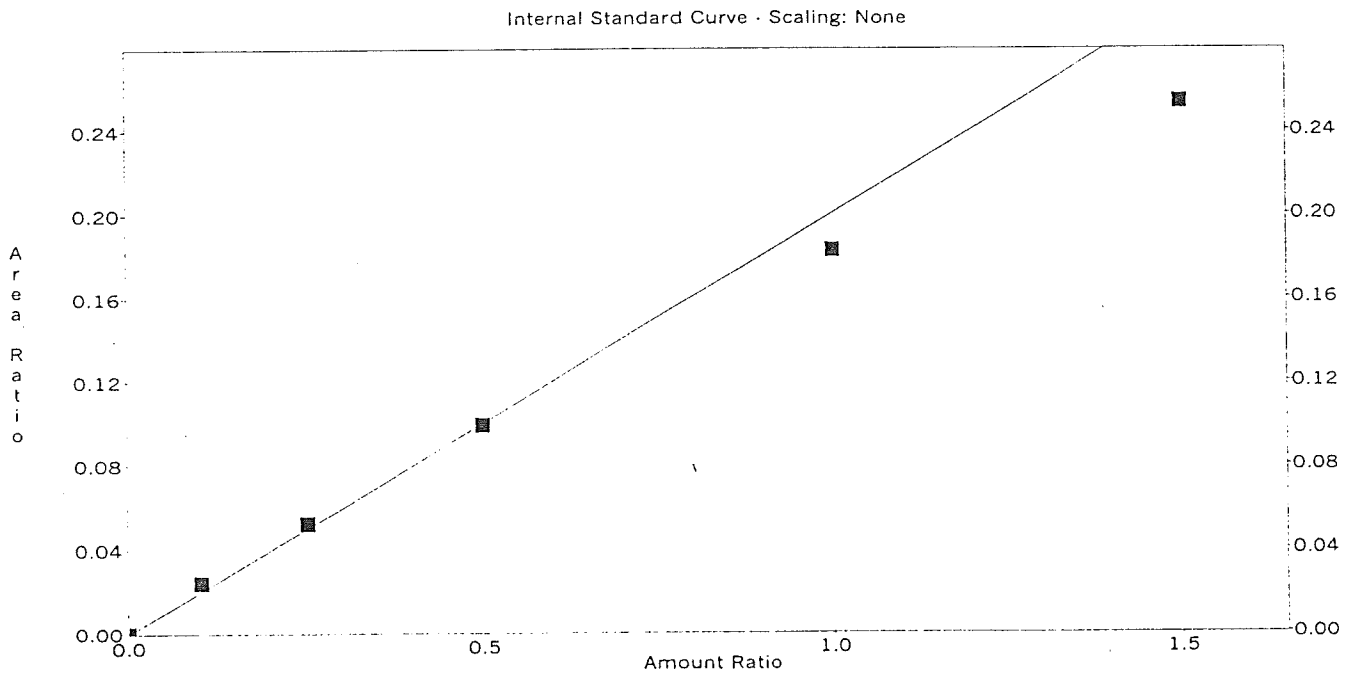
Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met \* - Replicate Not Used  
 Printed : Nov 13, 1998 10:25:04  
 Channel : B  
 Peak : 1016-1

Level	Area Ratio	Amount Ratio	RF	Rep Area 1 Ratio	Rep Area 2 Ratio	Rep Area 3 Ratio	Rep Area 4 Ratio	Rep Area 5 Ratio	Replic STD	Replic %RSD	Old Area Ratio
1	0.2538	1.5	0.1692	0.2538							0
2	0.1830	1	0.183	0.1830							0
3	0.0995	0.5	0.1991	0.0995							0
4	0.0524	0.25	0.2097	0.0524							0
5	0.0241	0.1	0.2415	0.0241							0

Calib Flag: Replace

Average RF: 0.200483  
 StdDev: 0.0276201  
 %RSD: 13.777

RF Definition: Area / Amount  
 Average RF Fit: Amount = Area / 0.200483



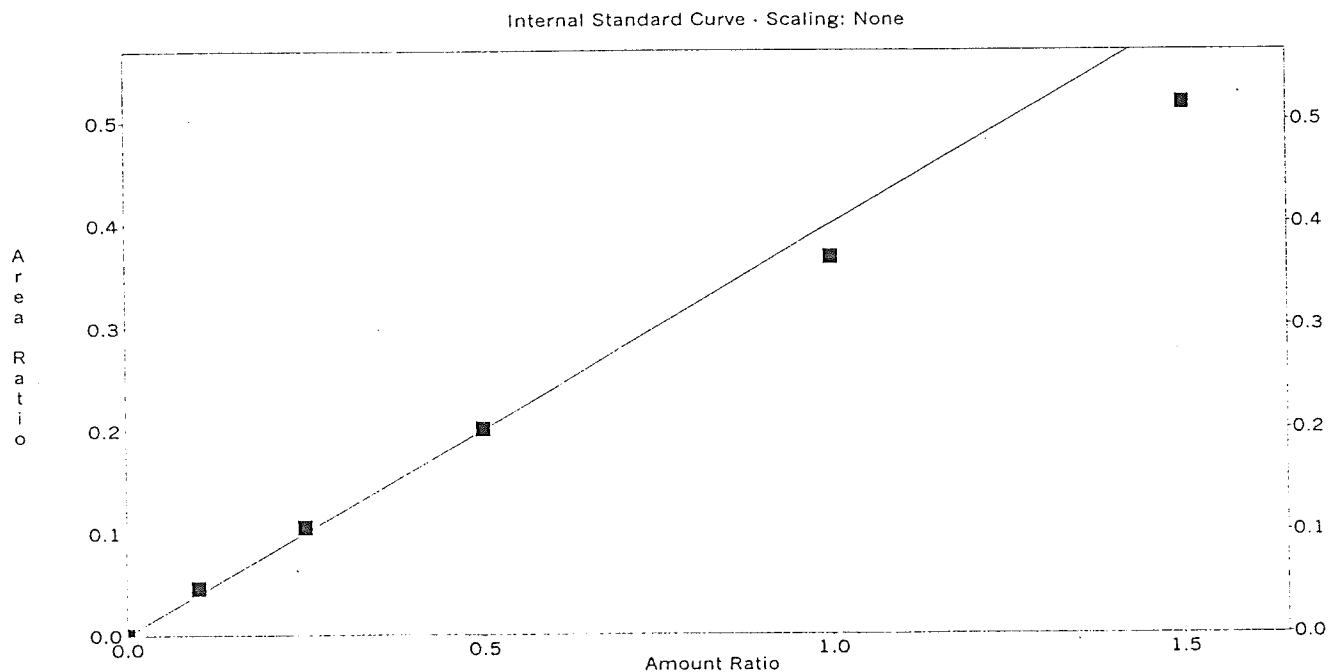
method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met \* - Replicate Not Used  
 Printed : Nov 13, 1998 10:25:04  
 hannel : B  
 eak : 1016-2

Level	Area Ratio	Amount Ratio	RF	Rep Area 1 Ratio	Rep Area 2 Ratio	Rep Area 3 Ratio	Rep Area 4 Ratio	Rep Area 5 Ratio	Replic STD	Replic %RSD	Old Area Ratio
1	0.5169	1.5	0.3446	0.5169							0
2	0.3673	1	0.3673	0.3673							0
3	0.2009	0.5	0.4019	0.2009							0
4	0.1057	0.25	0.4227	0.1057							0
5	0.0460	0.1	0.4603	0.0460							0

lib Flag: Replace

average RF: 0.39937  
 StdDev: 0.0455262  
 %RSD: 11.400

RF Definition: Area / Amount  
 average RF Fit: Amount = Area / 0.39937



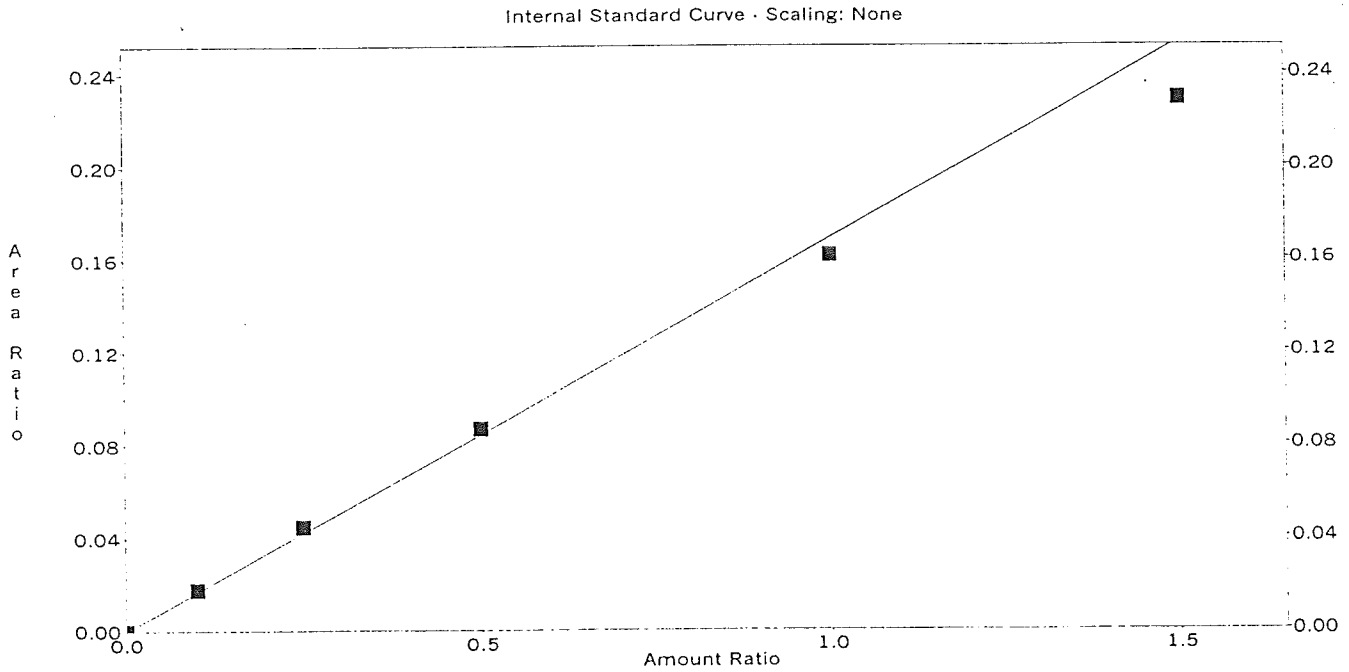
Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met \* - Replicate Not Used  
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 Channel : B  
 Peak : 1016-2

Level	Area Ratio	Amount Ratio	RF	Rep Area 1 Ratio	Rep Area 2 Ratio	Rep Area 3 Ratio	Rep Area 4 Ratio	Rep Area 5 Ratio	Replic STD	Replic %RSD	Old Area Ratio
1	0.2292	1.5	0.1528	0.2292							0
2	0.1616	1	0.1616	0.1616							0
3	0.0872	0.5	0.1743	0.0872							0
4	0.0449	0.25	0.1796	0.0449							0
5	0.0177	0.1	0.1773	0.0177							0

Lib Flag: Replace

Average RF: 0.169114  
 StdDev: 0.0114522  
 %RSD: 6.772

RF Definition: Area / Amount  
 Average RF Fit: Amount = Area / 0.169114





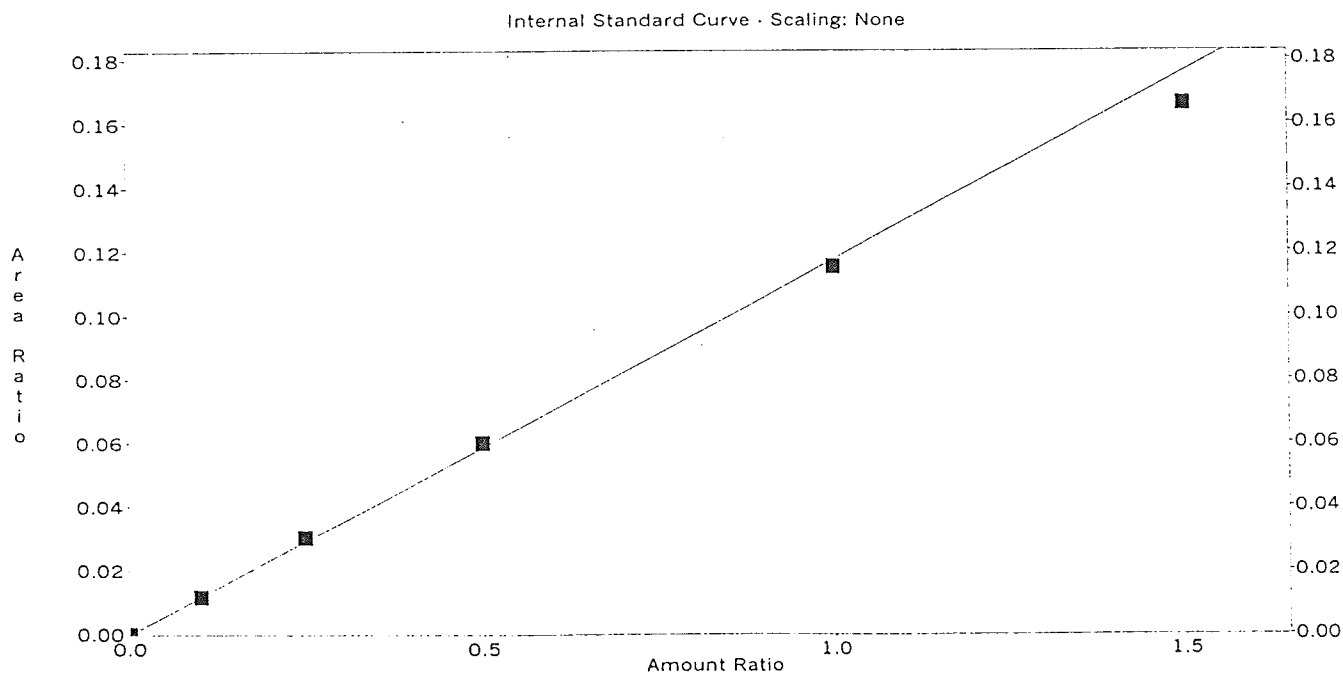
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 Printed : Nov 13, 1998 10:25:04  
 Channel : B  
 Peak : 1016-4

Level	Area Ratio	Amount Ratio	RF	Rep Area 1 Ratio	Rep Area 2 Ratio	Rep Area 3 Ratio	Rep Area 4 Ratio	Rep Area 5 Ratio	Replic STD	Replic %RSD	Old Area Ratio
1	0.1661	1.5	0.1107	0.1661							0
2	0.1152	1	0.1152	0.1152							0
3	0.0602	0.5	0.1204	0.0602							0
4	0.0306	0.25	0.1225	0.0306							0
5	0.0118	0.1	0.1179	0.0118							0

Calib Flag: Replace

Average RF: 0.117333  
 F StdDev: 0.00458747  
 F %RSD: 3.910

RF Definition: Area / Amount  
 Average RF Fit: Amount = Area / 0.117333



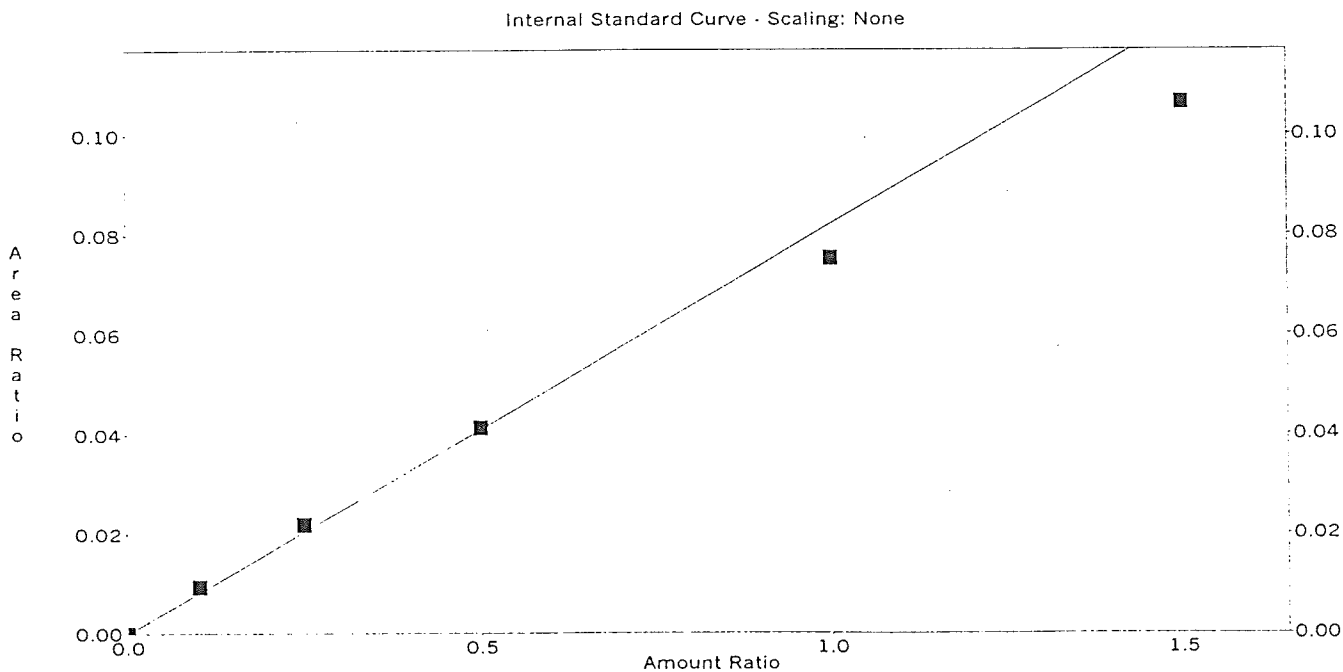
Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met \* - Replicate Not Used  
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 Channel : B  
 Peak : 1016-5

Level	Area Ratio	Amount Ratio	RF	Rep Area 1 Ratio	Rep Area 2 Ratio	Rep Area 3 Ratio	Rep Area 4 Ratio	Rep Area 5 Ratio	Replic STD	Replic %RSD	Old Area Ratio
1	0.1065	1.5	0.071	0.1065							0
2	0.0752	1	0.07521	0.0752							0
3	0.0414	0.5	0.08278	0.0414							0
4	0.0220	0.25	0.08789	0.0220							0
5	0.0094	0.1	0.09357	0.0094							0

Calib Flag: Replace

Average RF: 0.0820896  
 StdDev: 0.00916771  
 %RSD: 11.168

RF Definition: Area / Amount  
 Average RF Fit: Amount = Area / 0.0820896



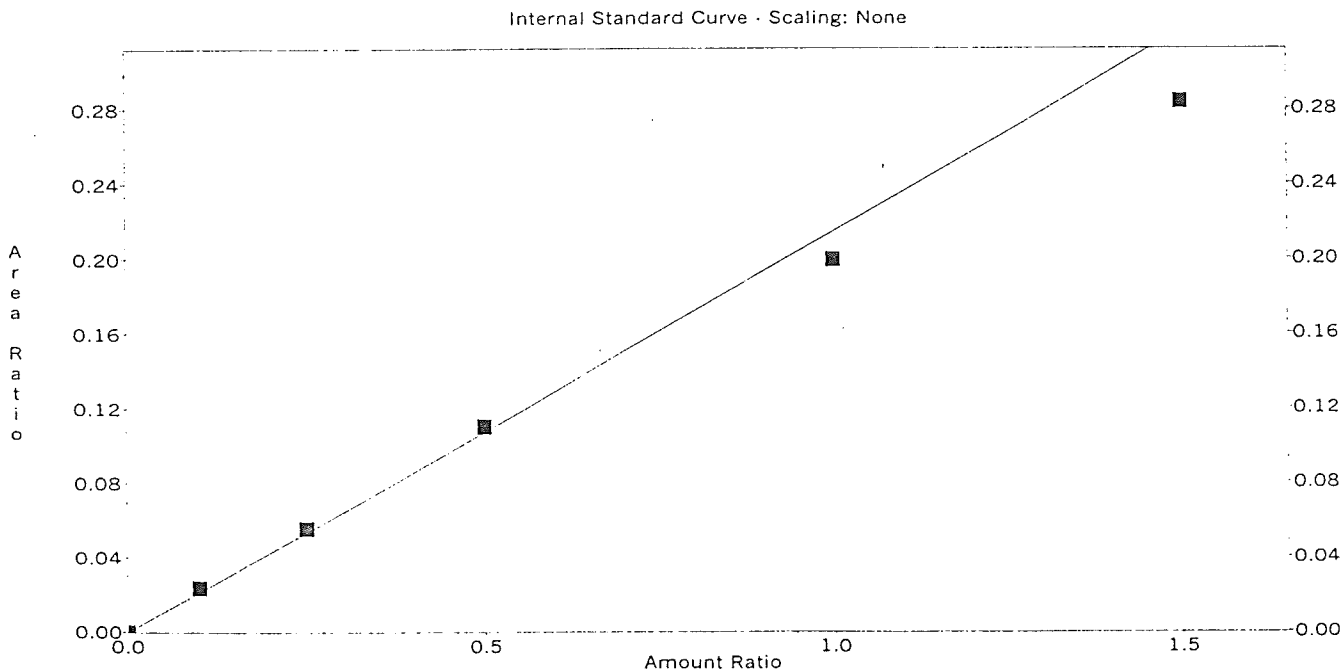
method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met \* - Replicate Not Used  
 Printed : Nov 13, 1998 10:25:04  
 hannel : B  
 eak : 1260-1

Level	Area Ratio	Amount Ratio	RF	Rep Area 1 Ratio	Rep Area 2 Ratio	Rep Area 3 Ratio	Rep Area 4 Ratio	Rep Area 5 Ratio	Replic STD	Replic %RSD	Old Area Ratio
1	0.2838	1.5	0.1892	0.2838							0
2	0.1994	1	0.1994	0.1994							0
3	0.1103	0.5	0.2206	0.1103							0
4	0.0559	0.25	0.2235	0.0559							0
5	0.0239	0.1	0.2387	0.0239							0

.lib Flag: Replace

Average RF: 0.214278  
 StdDev: 0.0198325  
 %RSD: 9.256

RF Definition: Area / Amount  
 Average RF Fit: Amount = Area / 0.214278



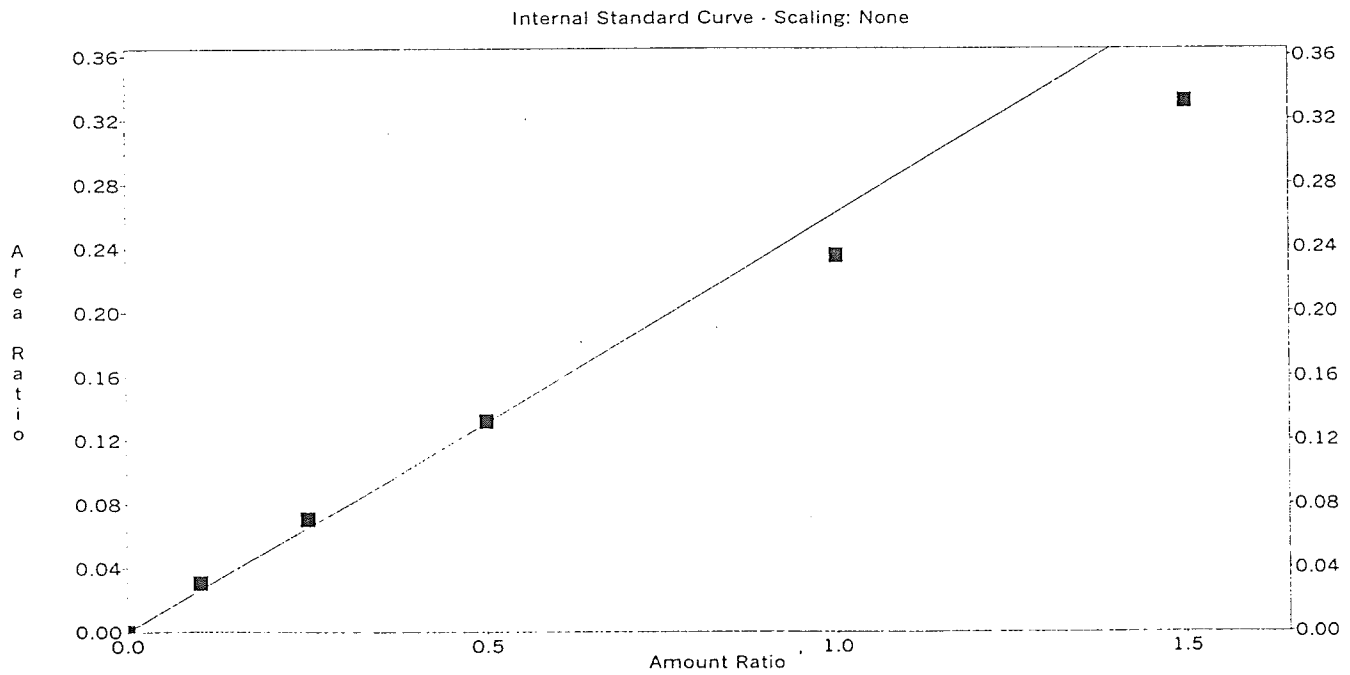
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 Printed : Nov 13, 1998 10:25:04  
 Channel : B  
 Peak : 1260-2

Level	Area Ratio	Amount Ratio	RF	Rep Area 1 Ratio	Rep Area 2 Ratio	Rep Area 3 Ratio	Rep Area 4 Ratio	Rep Area 5 Ratio	Replic STD	Replic %RSD	Old Area Ratio
1	0.3315	1.5	0.221	0.3315							0
2	0.2352	1	0.2352	0.2352							0
3	0.1322	0.5	0.2643	0.1322							0
4	0.0709	0.25	0.2837	0.0709							0
5	0.0305	0.1	0.3054	0.0305							0

Calib Flag: Replace

Average RF: 0.261921  
 StdDev: 0.0344715  
 %RSD: 13.161

RF Definition: Area / Amount  
 Average RF Fit: Amount = Area / 0.261921



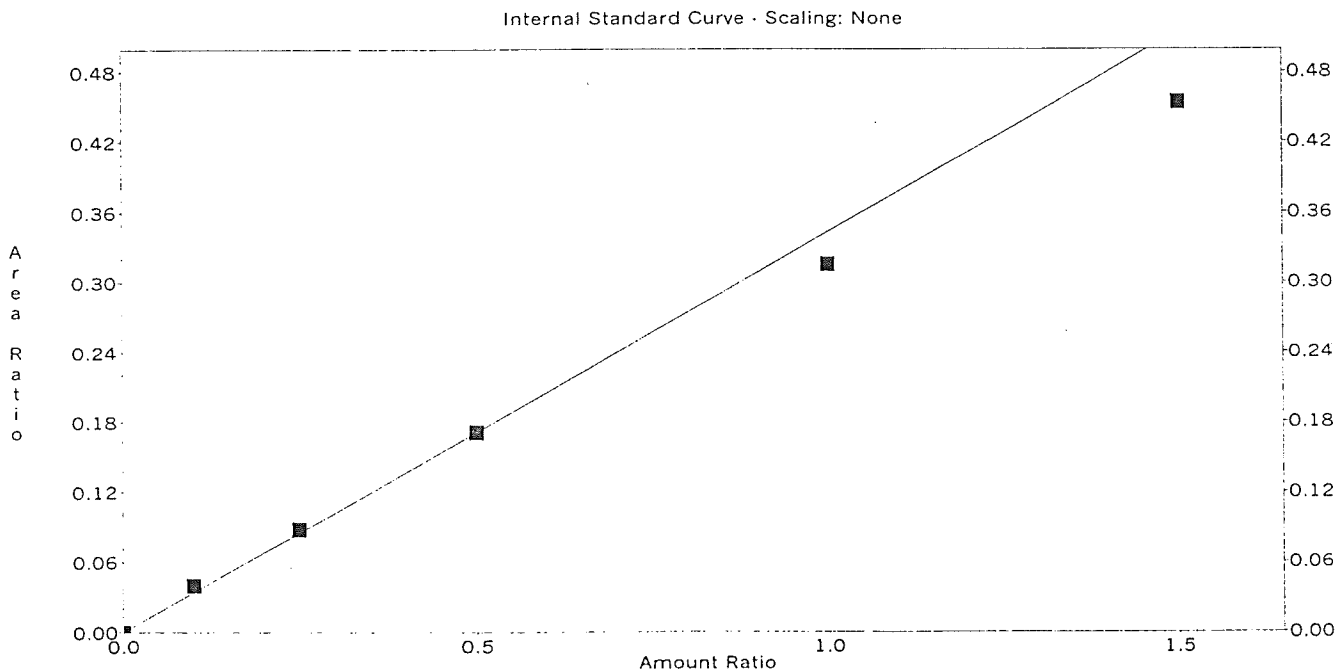
Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met \* - Replicate Not Used  
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 Channel : B  
 Peak : 1260-3

Level	Area Ratio	Amount Ratio	RF	Rep Area 1 Ratio	Rep Area 2 Ratio	Rep Area 3 Ratio	Rep Area 4 Ratio	Rep Area 5 Ratio	Replic STD	Replic %RSD	Old Area Ratio
1	0.4541	1.5	0.3028	0.4541							0
2	0.3153	1	0.3153	0.3153							0
3	0.1715	0.5	0.343	0.1715							0
4	0.0889	0.25	0.3557	0.0889							0
5	0.0398	0.1	0.3982	0.0398							0

Calib Flag: Replace

Average RF: 0.343006  
 F StdDev: 0.0373921  
 F %RSD: 10.901

RF Definition: Area / Amount  
 Average RF Fit: Amount = Area / 0.343006



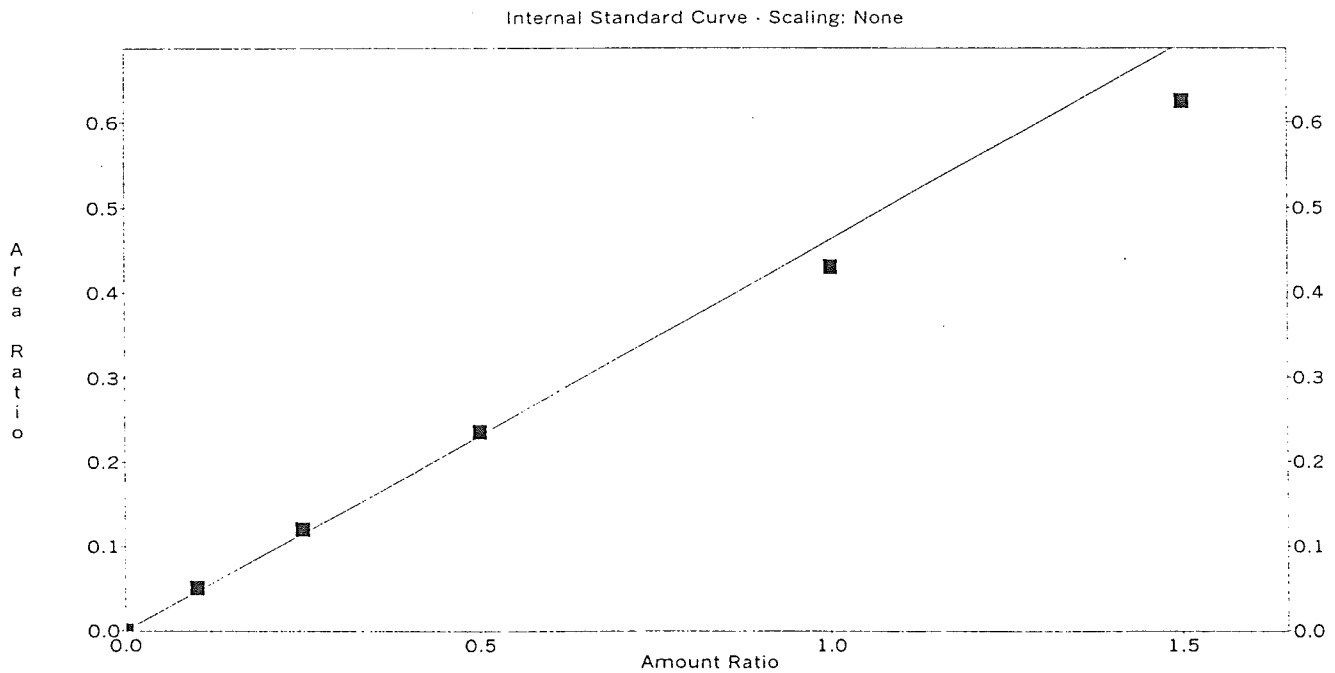
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 Printed : Nov 13, 1998 10:25:05  
 Channel : B  
 Peak : 1260-4

Level	Area Ratio	Amount Ratio	RF	Rep Area 1 Ratio	Rep Area 2 Ratio	Rep Area 3 Ratio	Rep Area 4 Ratio	Rep Area 5 Ratio	Replic STD	Replic %RSD	Old Area Ratio
1	0.6257	1.5	0.4171	0.6257							0
2	0.4307	1	0.4307	0.4307							0
3	0.2359	0.5	0.4719	0.2359							0
4	0.1213	0.25	0.4851	0.1213							0
5	0.0509	0.1	0.5088	0.0509							0

Calib Flag: Replace

Average RF: 0.462735  
 F StdDev: 0.0381236  
 F %RSD: 8.239

RF Definition: Area / Amount  
 Average RF Fit: Amount = Area / 0.462735



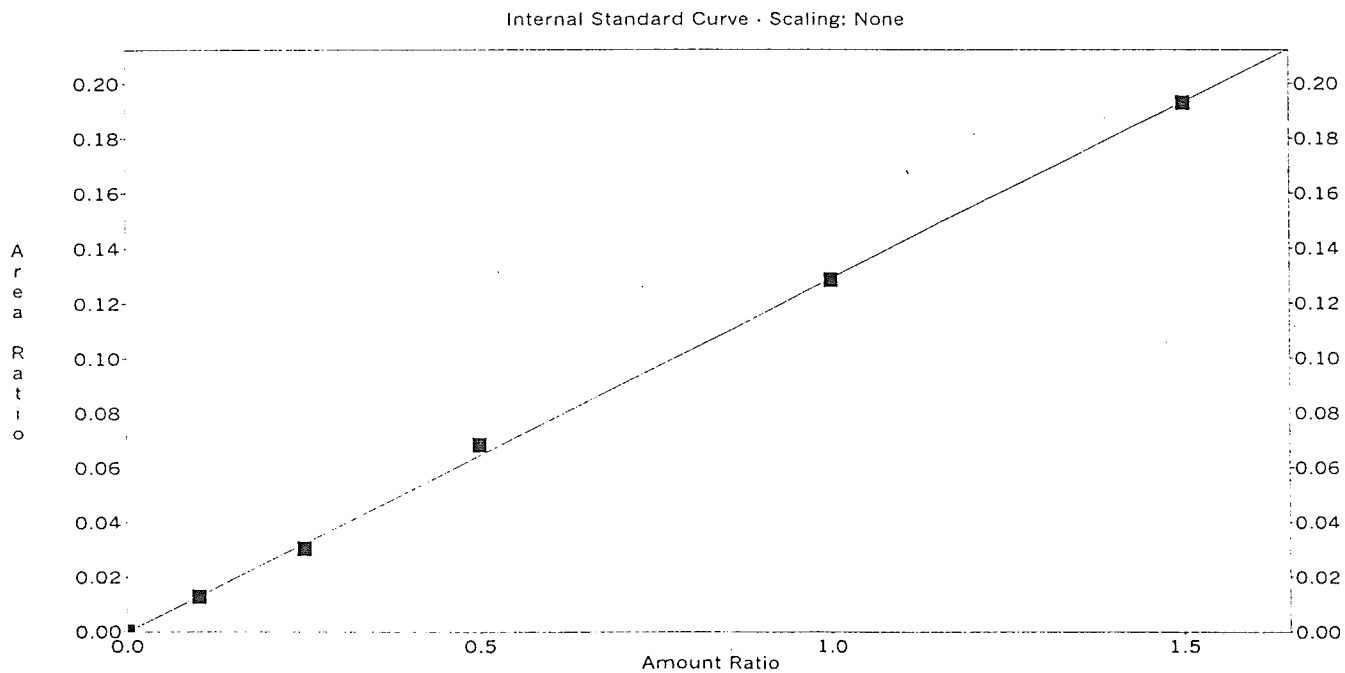
Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met \* - Replicate Not Used  
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 Channel : B  
 Peak : 1260-5

Level	Area Ratio	Amount Ratio	RF	Rep Area 1 Ratio	Rep Area 2 Ratio	Rep Area 3 Ratio	Rep Area 4 Ratio	Rep Area 5 Ratio	Replic STD	Replic %RSD	Old Area Ratio
1	0.1931	1.5	0.1287	0.1931							0
2	0.1285	1	0.1285	0.1285							0
3	0.0684	0.5	0.1367	0.0684							0
4	0.0304	0.25	0.1216	0.0304							0
5	0.0129	0.1	0.1291	0.0129							0

Calib Flag: Replace

Average RF: 0.12892  
 F StdDev: 0.0053747  
 F %RSD: 4.169

RF Definition: Area / Amount  
 Average RF Fit: Amount = Area / 0.12892



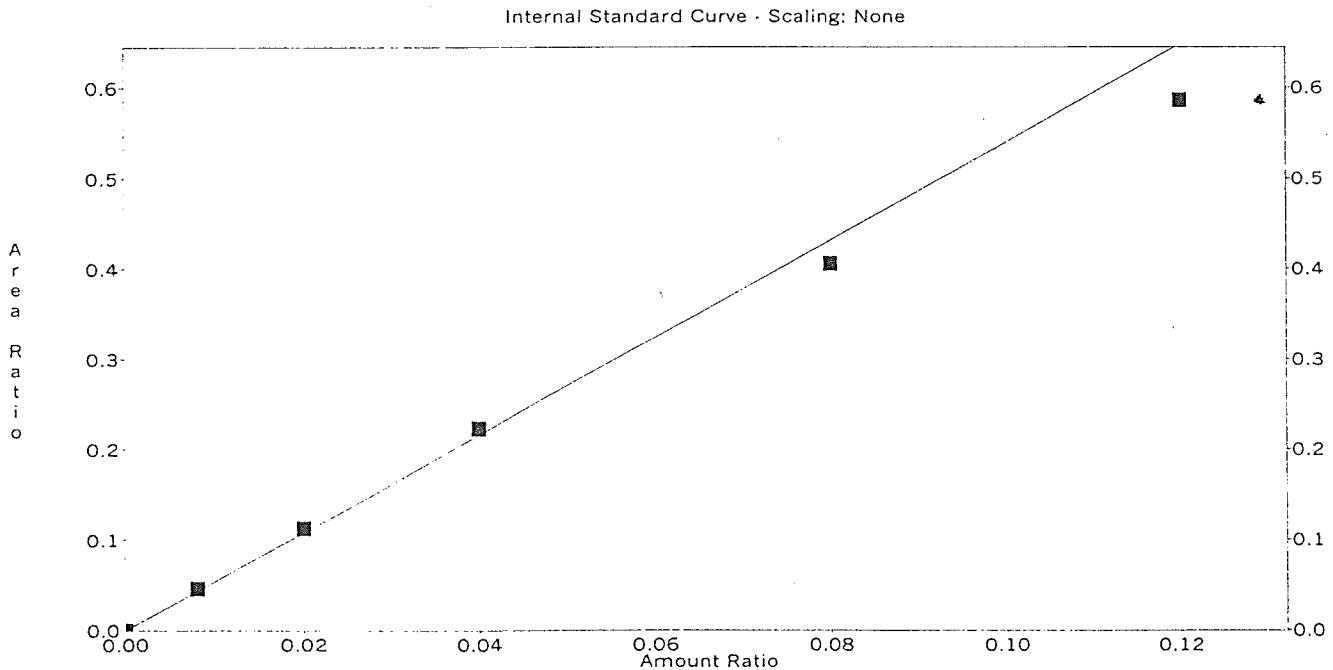
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 Printed : Nov 13, 1998 10:25:05  
 Channel : B  
 Peak : DCBP

Level	Area Ratio	Amount Ratio	RF	Rep Area 1 Ratio	Rep Area 2 Ratio	Rep Area 3 Ratio	Rep Area 4 Ratio	Rep Area 5 Ratio	Replic STD	Replic %RSD	Old Area Ratio
1	0.5866	0.12	4.89	0.5866							0
2	0.4063	0.08	5.08	0.4063							0
3	0.2234	0.04	5.59	0.2234							0
4	0.1129	0.02	5.64	0.1129							0
5	0.0464	0.008	5.80	0.0464							0

alib Flag: Replace

Average RF: 5.39946  
 F StdDev: 0.393071  
 F %RSD: 7.280

RF Definition: Area / Amount  
 Average RF Fit: Amount = Area / 5.39946

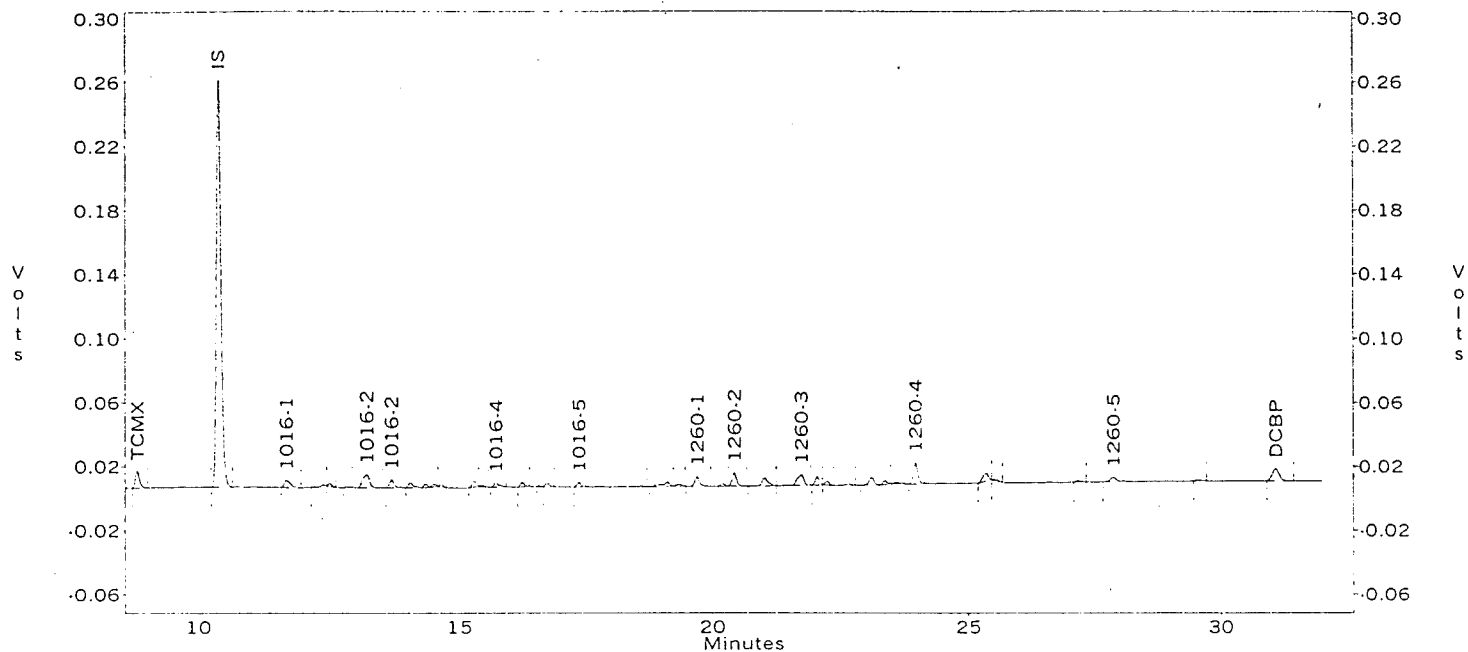




DB1701

File : i:\conv\_gc\chrom\ec1\nov11\1060\_5  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : 1060\_5p650  
 Acquired : Nov 11, 1998 22:03:21

i:\conv\_gc\chrom\ec1\nov11\1060\_5 -- Channel B

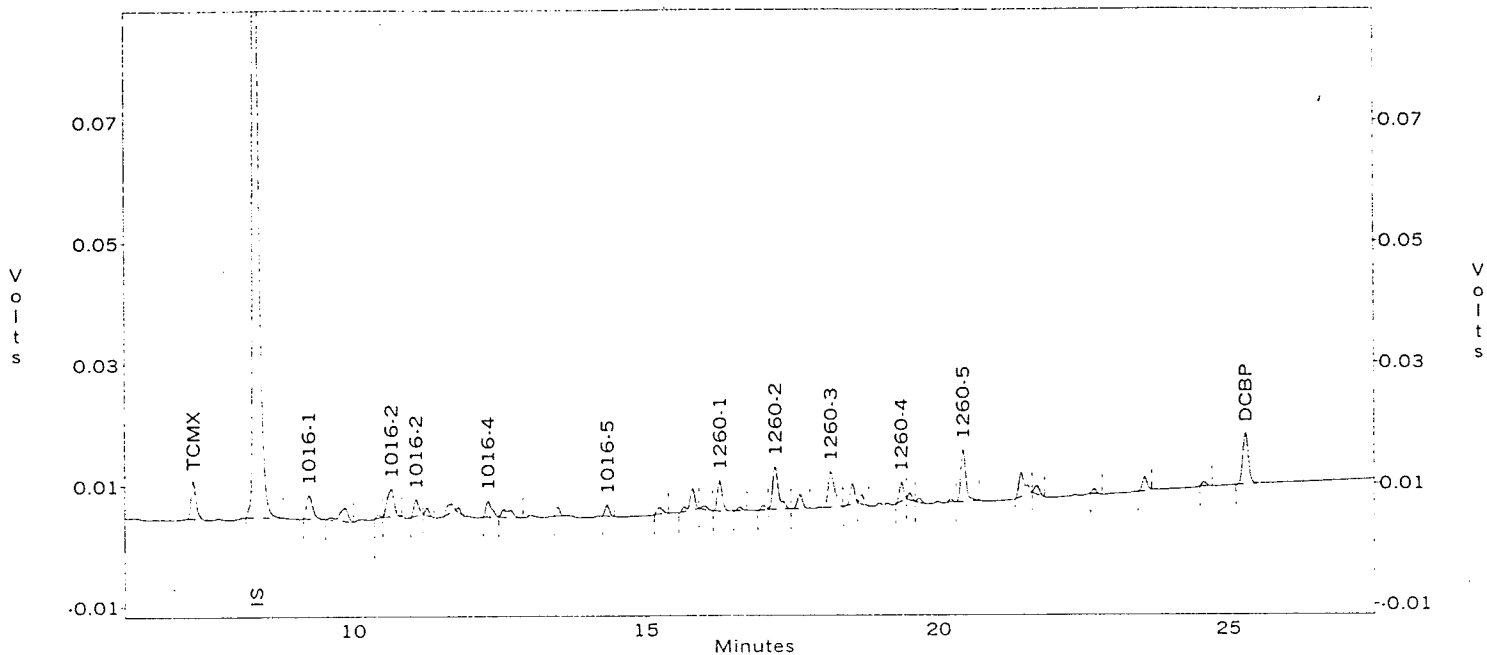


Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
5	TCMX	8.817	58261	0.008
7	IS	10.400	1581493	1.000
8	1016-1	11.717	38190	0.100
12	1016-2	13.242	72799	0.100
13	1016-2	13.700	28034	0.100
20	1016-4	15.725	18638	0.100
24	1016-5	17.383	14798	0.100
28	1260-1	19.708	37758	0.100
30	1260-2	20.417	48295	0.100
32	1260-3	21.708	62975	0.100
40	1260-4	23.958	80471	0.100
44	1260-5	27.842	20420	0.100
46	DCBP	31.075	73369	0.008

DB608  
 File : i:\conv\_gc\chrom\ec1\nov11\1060\_5  
 Sample ID : 1060\_5p650  
 Acquired : Nov 11, 1998 22:03:21

i:\conv\_gc\chrom\ec1\nov11\1060\_5 -- Channel A

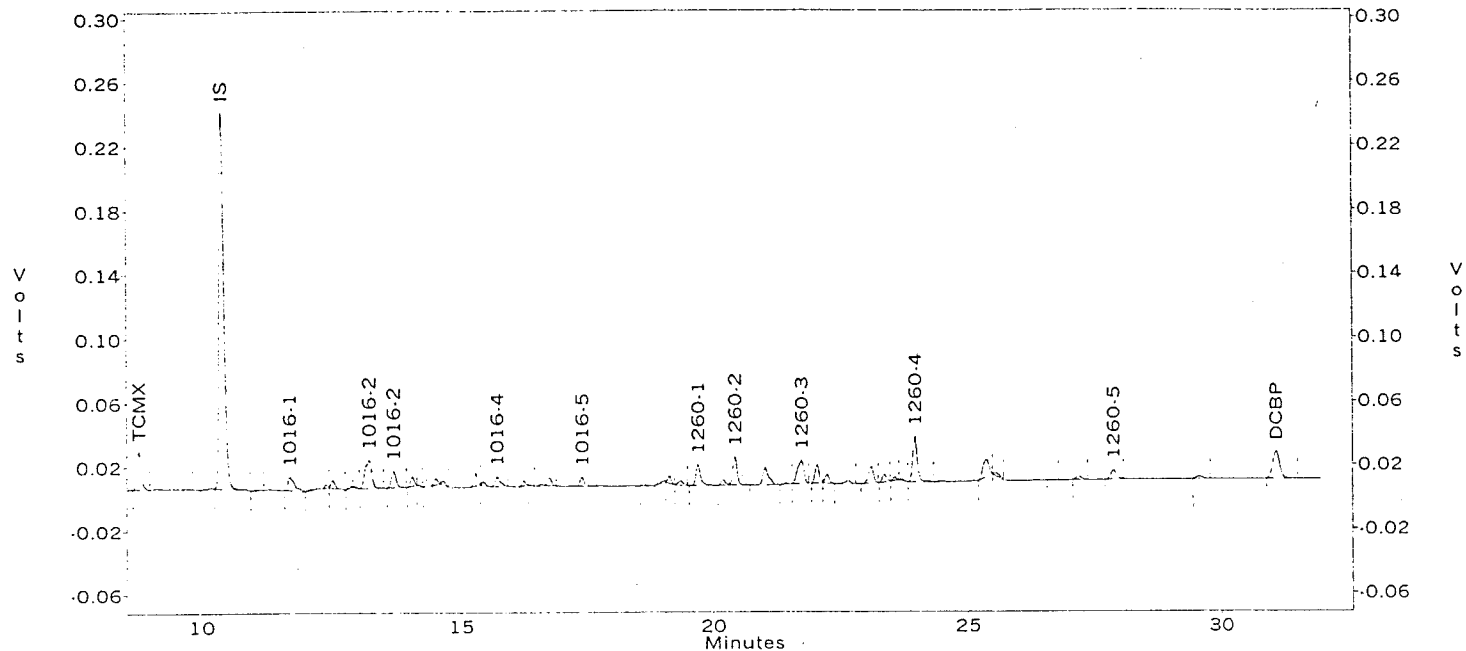


Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
3	TCMX	7.308	35288	0.008
4	IS	8.367	936359	1.000
5	1016-1	9.258	27933	0.100
8	1016-2	10.658	36568	0.100
9	1016-2	11.075	15100	0.100
13	1016-4	12.317	18587	0.100
16	1016-5	14.350	9555	0.100
20	1260-1	16.258	28057	0.100
23	1260-2	17.192	49356	0.100
25	1260-3	18.142	43169	0.100
28	1260-4	19.367	15436	0.100
32	1260-5	20.433	52059	0.100
38	DCBP	25.308	56005	0.008

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov11\1060\_4  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : 1060\_4p649  
 Acquired : Nov 11, 1998 21:27:03

i:\conv\_gc\chrom\ec1\nov11\1060\_4 -- Channel B

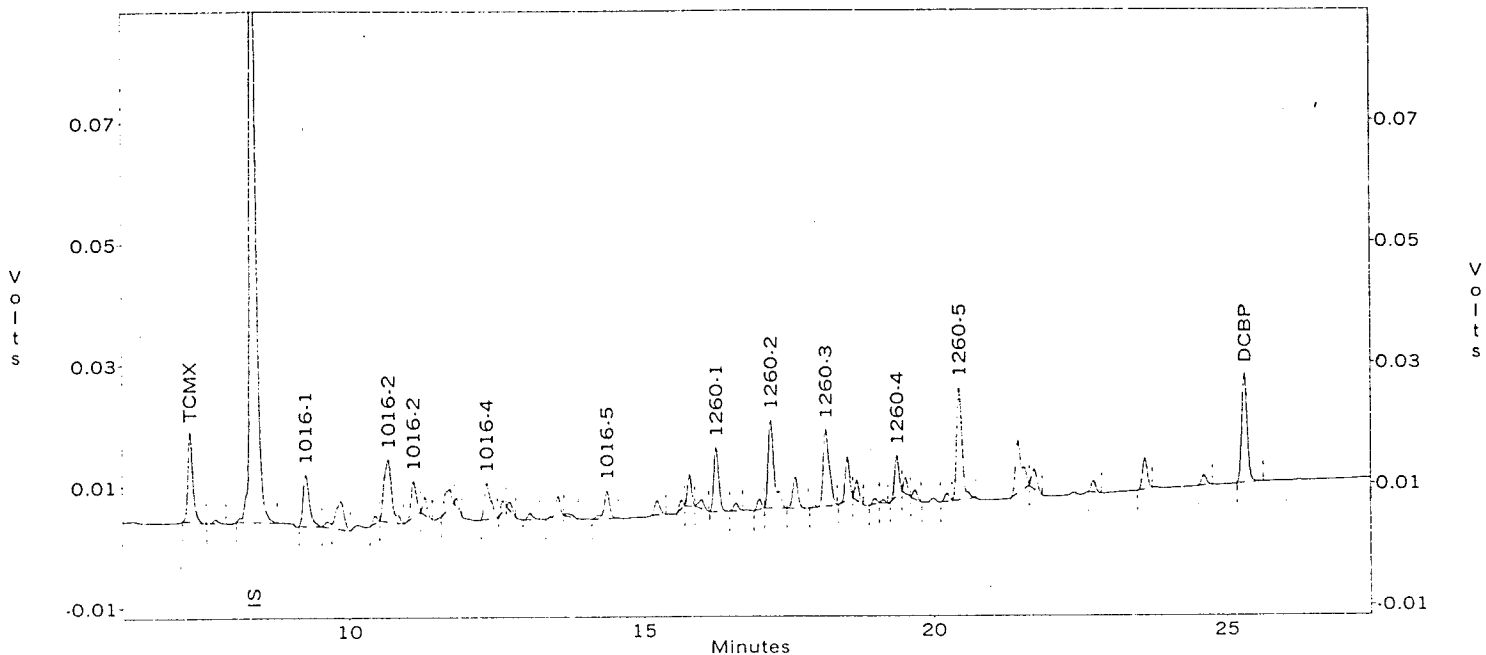


Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
4	TCMX	8.817	135316	0.020
7	IS	10.400	1458873	0.000
10	1016-1	11.708	76471	0.261
15	1016-2	13.242	154173	0.265
16	1016-2	13.700	65489	0.265
24	1016-4	15.725	44669	0.261
30	1016-5	17.392	32055	0.268
36	1260-1	19.708	81509	0.261
38	1260-2	20.425	103462	0.271
41	1260-3	21.717	129732	0.259
49	1260-4	23.967	176925	0.262
56	1260-5	27.850	44332	0.236
58	DCBP	31.092	164703	0.021

DB608  
 File : i:\conv\_gc\chrom\ec1\nov11\1060\_4  
 Sample ID : 1060\_4p649  
 Acquired : Nov 11, 1998 21:27:03

i:\conv\_gc\chrom\ec1\nov11\1060\_4 -- Channel A

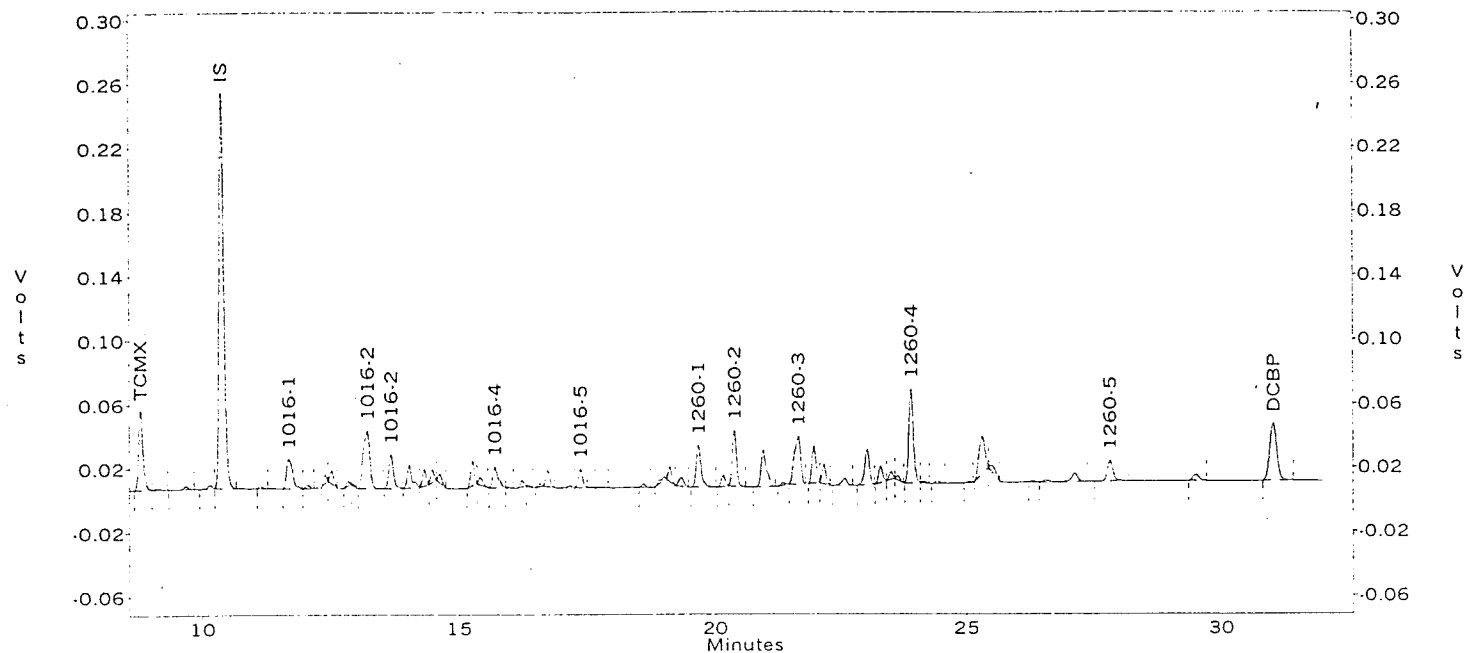


Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
3	TCMX	7.300	85799	0.020
5	IS	8.367	878009	0.000
6	1016-1	9.258	64404	0.290
10	1016-2	10.658	92340	0.277
11	1016-2	11.075	34497	0.275
15	1016-4	12.317	44173	0.277
21	1016-5	14.350	30870	0.286
26	1260-1	16.258	60941	0.275
29	1260-2	17.200	105899	0.275
31	1260-3	18.150	97456	0.271
36	1260-4	19.375	33518	0.269
41	1260-5	20.442	114312	0.260
47	DCBP	25.325	121087	0.022

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov11\1060\_3  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : 1060\_3p648  
 Acquired : Nov 11, 1998 20:50:44

i:\conv\_gc\chrom\ec1\nov11\1060\_3 -- Channel B

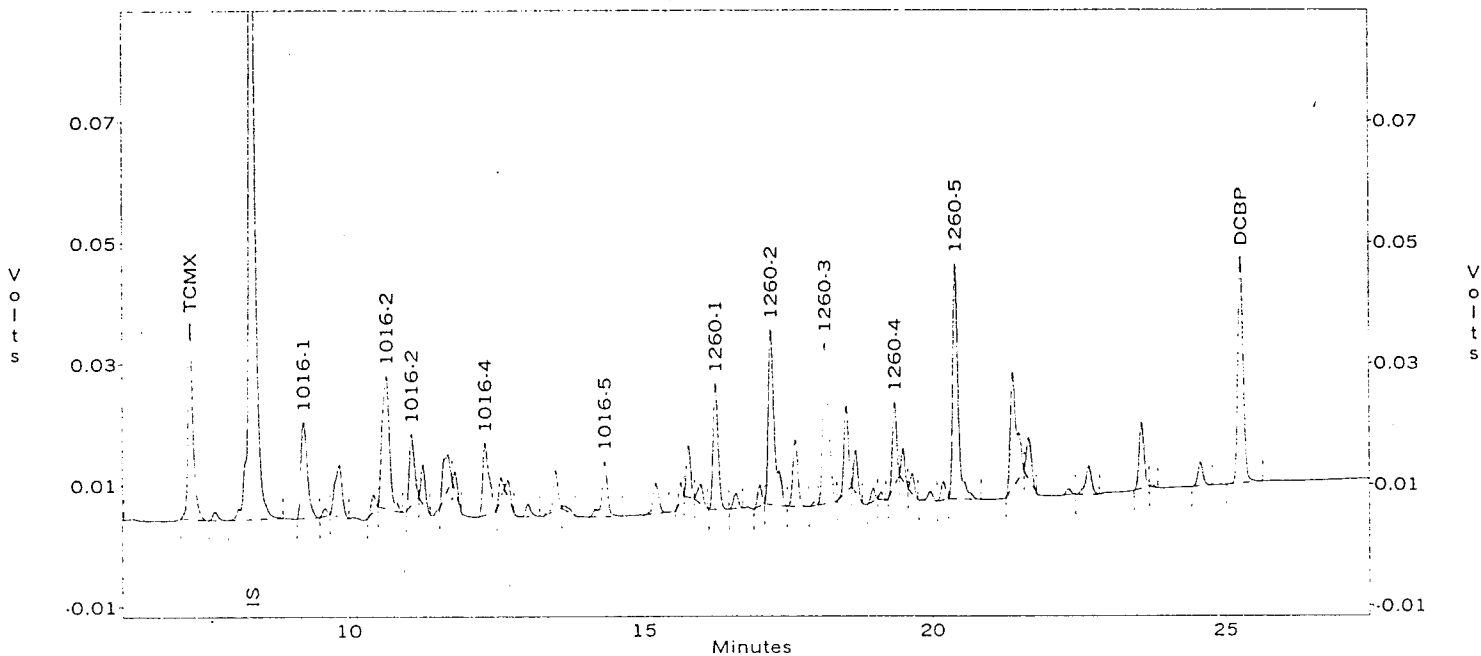


Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
4	TCMX	8.800	289211	0.041
8	IS	10.383	1560059	0.000
10	1016-1	11.700	155267	0.496
16	1016-2	13.225	313471	0.503
17	1016-2	13.683	135972	0.515
24	1016-4	15.700	93915	0.513
31	1016-5	17.358	64569	0.504
38	1260-1	19.675	172041	0.515
40	1260-2	20.392	206163	0.505
43	1260-3	21.683	267570	0.500
51	1260-4	23.933	368092	0.510
60	1260-5	27.800	106652	0.530
62	DCBP	31.033	348553	0.041

DB608  
 File : i:\conv\_gc\chrom\ec1\nov11\1060\_3  
 Sample ID : 1060\_3p648  
 Acquired : Nov 11, 1998 20:50:44

i:\conv\_gc\chrom\ec1\nov11\1060\_3 -- Channel A

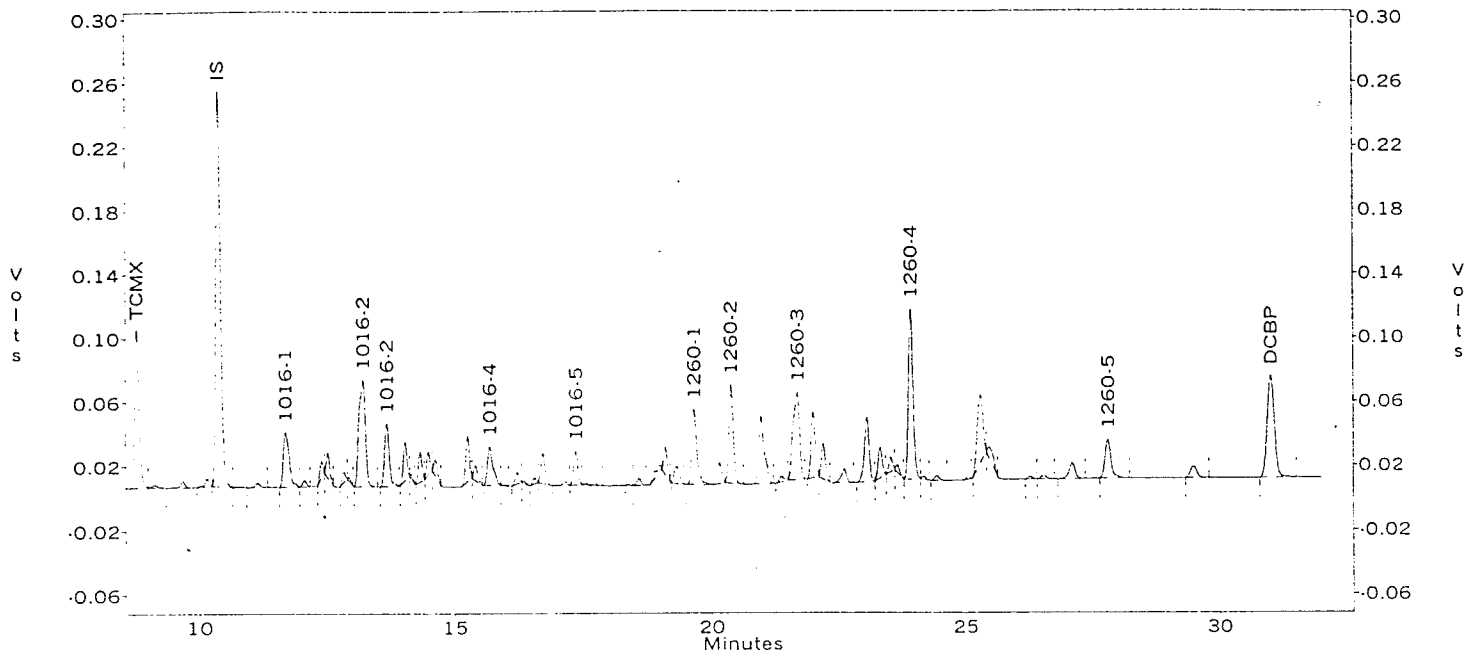


Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
4	TCMX	7.292	195884	0.041
6	IS	8.350	971947	0.000
7	1016-1	9.242	120360	0.490
11	1016-2	10.642	187967	0.509
12	1016-2	11.058	68387	0.492
16	1016-4	12.300	88375	0.501
22	1016-5	14.325	65174	0.545
27	1260-1	16.233	122658	0.501
30	1260-2	17.167	212748	0.500
33	1260-3	18.117	199886	0.501
38	1260-4	19.342	68905	0.500
43	1260-5	20.408	250546	0.515
51	DCBP	25.283	253590	0.041

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov11\1060\_2  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : 1060\_2p647  
 Acquired : Nov 11, 1998 20:14:26

i:\conv\_gc\chrom\ec1\nov11\1060\_2 -- Channel B



Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
6	TCMX	8.792	564485	0.080
10	IS	10.375	1547461	0.000
13	1016-1	11.692	283218	0.913
19	1016-2	13.217	568413	0.920
20	1016-2	13.675	250103	0.956
28	1016-4	15.692	178276	0.982
35	1016-5	17.350	116382	0.916
43	1260-1	19.667	308558	0.931
45	1260-2	20.375	364037	0.898
48	1260-3	21.675	487968	0.919
56	1260-4	23.917	666520	0.931
65	1260-5	27.792	198781	0.996
67	DCBP	31.008	628786	0.075

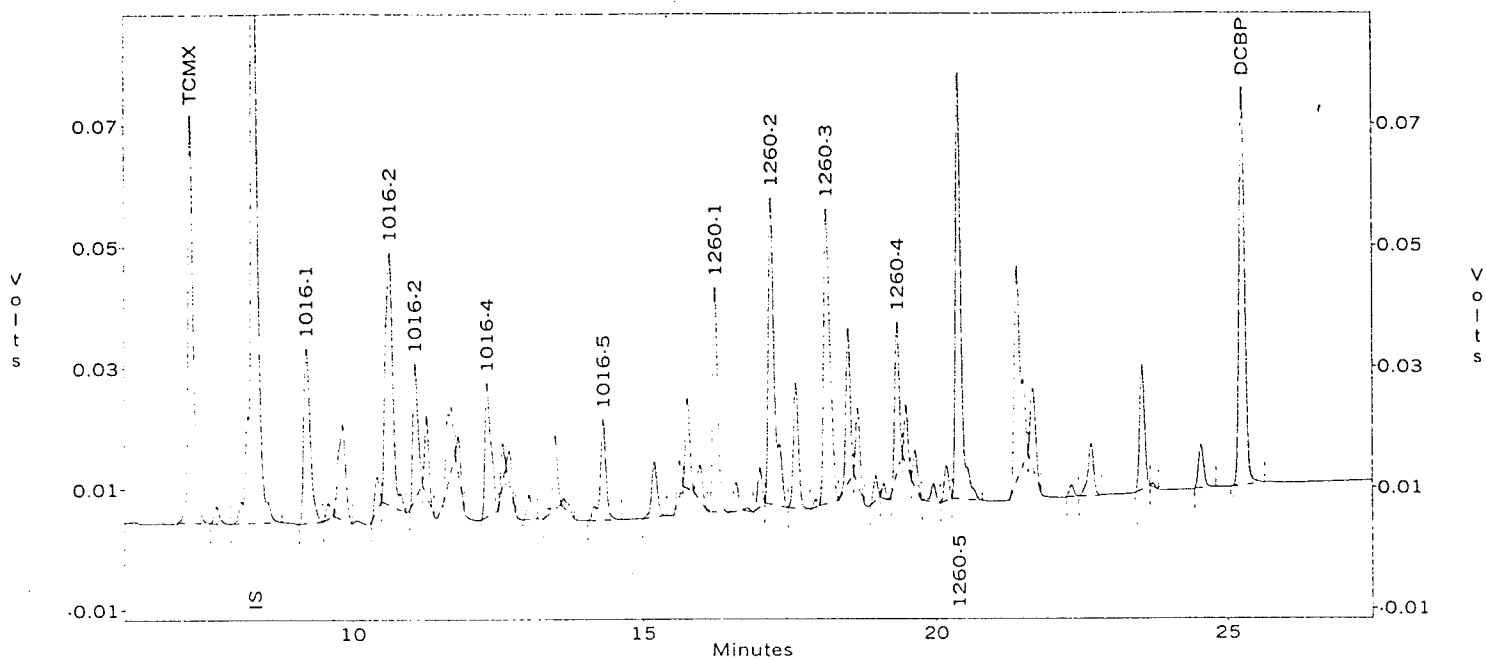
DB608

File : i:\conv\_gc\chrom\ec1\nov11\1060\_2

Sample ID : 1060\_2p647

Acquired : Nov 11, 1998 20:14:26

i:\conv\_gc\chrom\ec1\nov11\1060\_2 -- Channel A



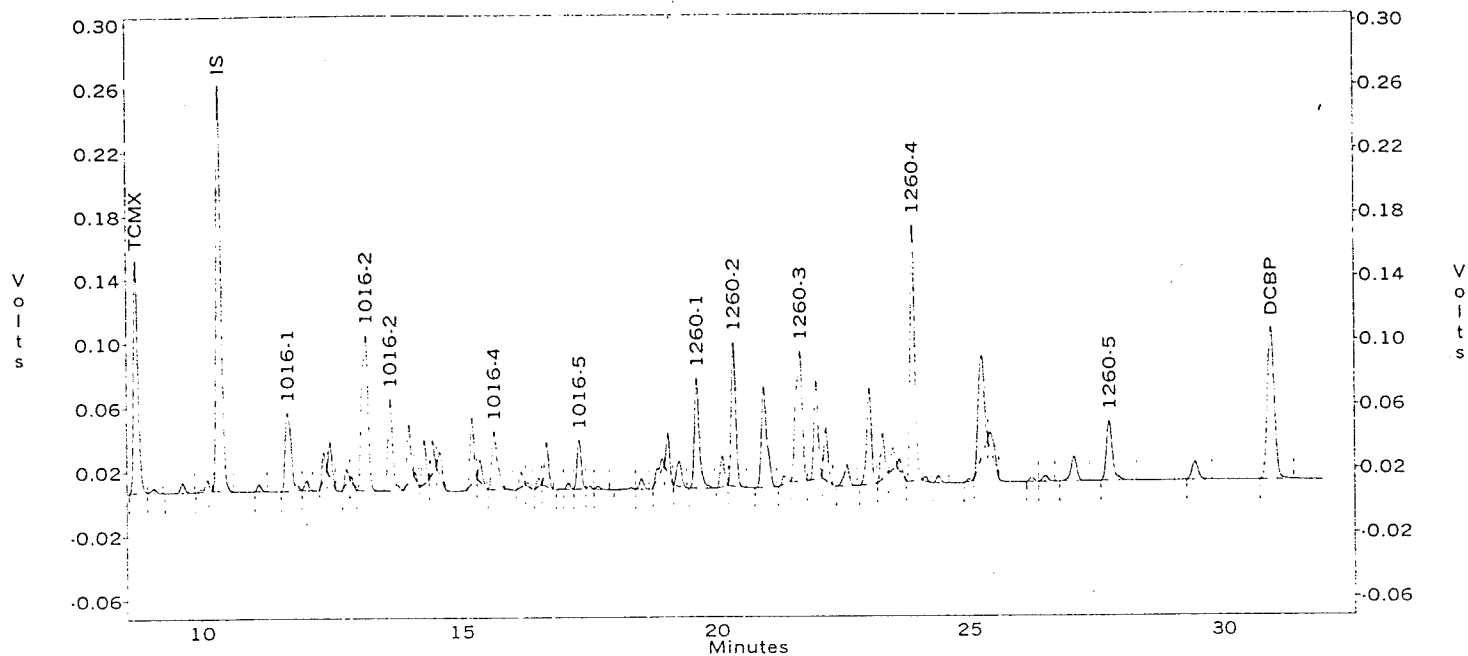
## Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
3	TCMX	7.283	404084	0.081
5	IS	8.342	1007846	0.000
6	1016-1	9.233	217595	0.855
10	1016-2	10.633	354677	0.925
11	1016-2	11.050	128936	0.895
15	1016-4	12.292	164903	0.901
21	1016-5	14.317	120025	0.969
26	1260-1	16.225	218330	0.860
30	1260-2	17.158	377478	0.855
33	1260-3	18.108	367695	0.890
38	1260-4	19.333	125818	0.880
43	1260-5	20.400	455998	0.904
51	DCBP	25.267	447245	0.069



DB1701  
 File : i:\conv\_gc\chrom\ec1\nov11\1060\_1  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : 1060\_1p646  
 Acquired : Nov 11, 1998 19:38:07

i:\conv\_gc\chrom\ec1\nov11\1060\_1 -- Channel B

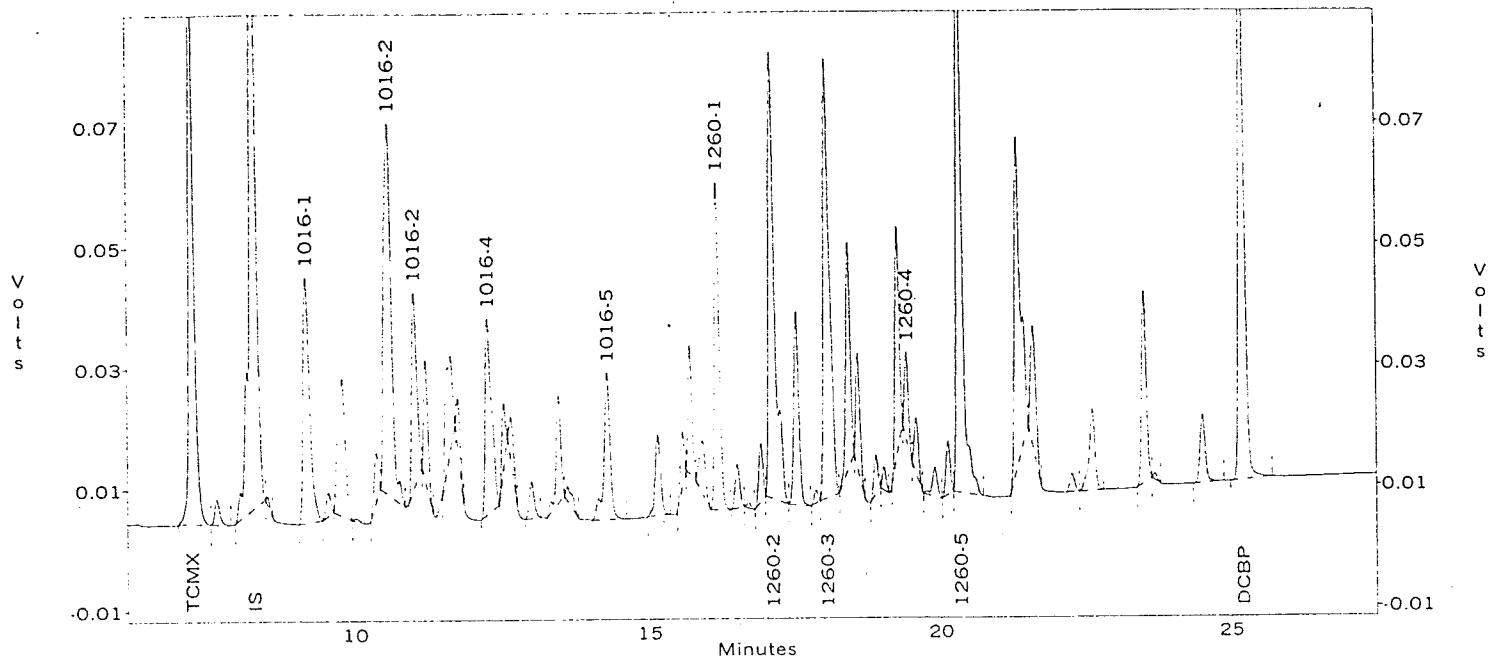


Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
5	TCMX	8.758	838329	0.115
9	IS	10.342	1598838	0.000
11	1016-1	11.658	405760	1.266
17	1016-2	13.175	826494	1.294
18	1016-2	13.633	366474	1.355
26	1016-4	15.650	265570	1.416
34	1016-5	17.308	170282	1.297
42	1260-1	19.625	453754	1.324
44	1260-2	20.333	530019	1.266
47	1260-3	21.633	726107	1.324
55	1260-4	23.875	1000386	1.352
64	1260-5	27.742	308761	1.498
66	DCBP	30.958	937941	0.109

DB608  
 File : i:\conv\_gc\chrom\ec1\nov11\1060\_1  
 Sample ID : 1060\_1p646  
 Acquired : Nov 11, 1998 19:38:07

i:\conv\_gc\chrom\ec1\nov11\1060\_1 -- Channel A



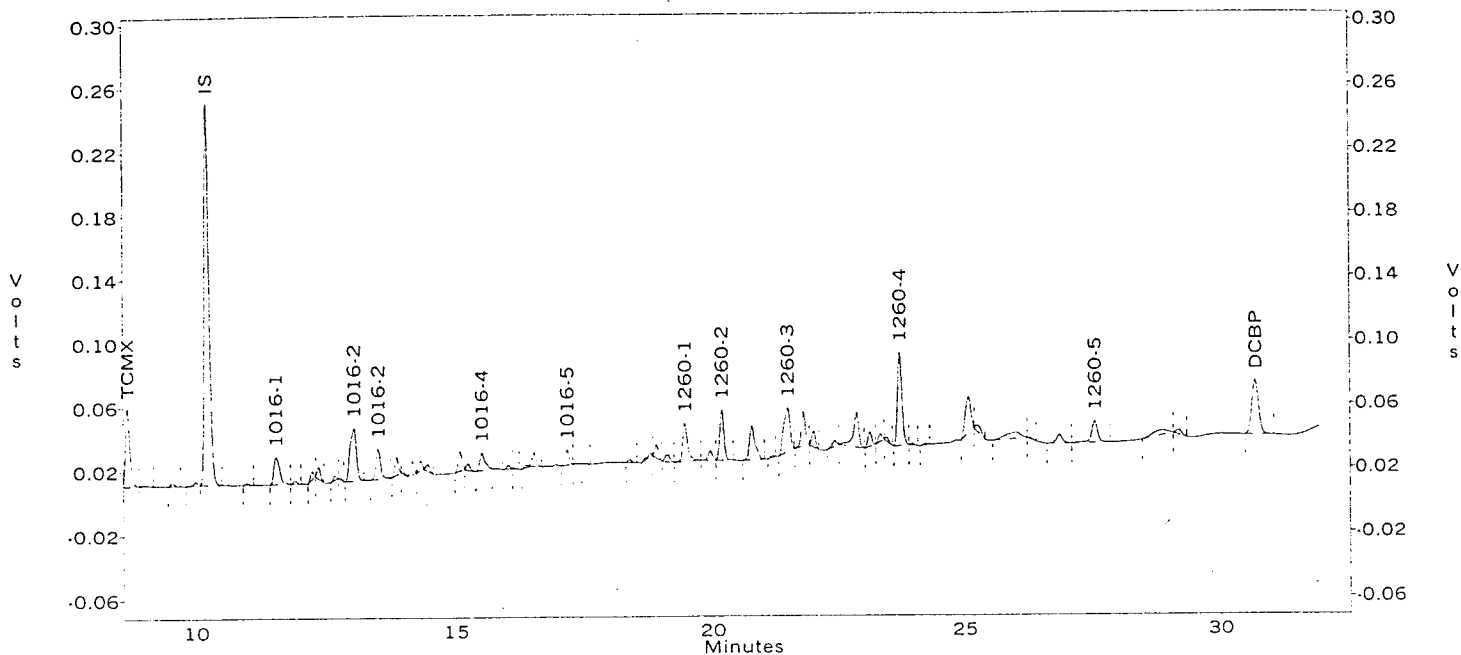
Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
3	TCMX	7.250	609381	0.124
5	IS	8.308	988436	0.000
7	1016-1	9.200	307984	1.234
12	1016-2	10.592	521204	1.387
13	1016-2	11.008	189208	1.339
17	1016-4	12.250	241016	1.343
23	1016-5	14.275	176174	1.450
28	1260-1	16.175	316795	1.272
32	1260-2	17.108	547084	1.263
35	1260-3	18.058	547616	1.351
41	1260-4	19.433	62176	0.443
45	1260-5	20.350	680010	1.374
53	DCBP	25.217	660956	0.104

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov12\1060\_3  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : 1060\_3p648  
 Acquired : Nov 12, 1998 10:20:22

*Calibration Check  
 at Start of Batch*

i:\conv\_gc\chrom\ec1\nov12\1060\_3 -- Channel B



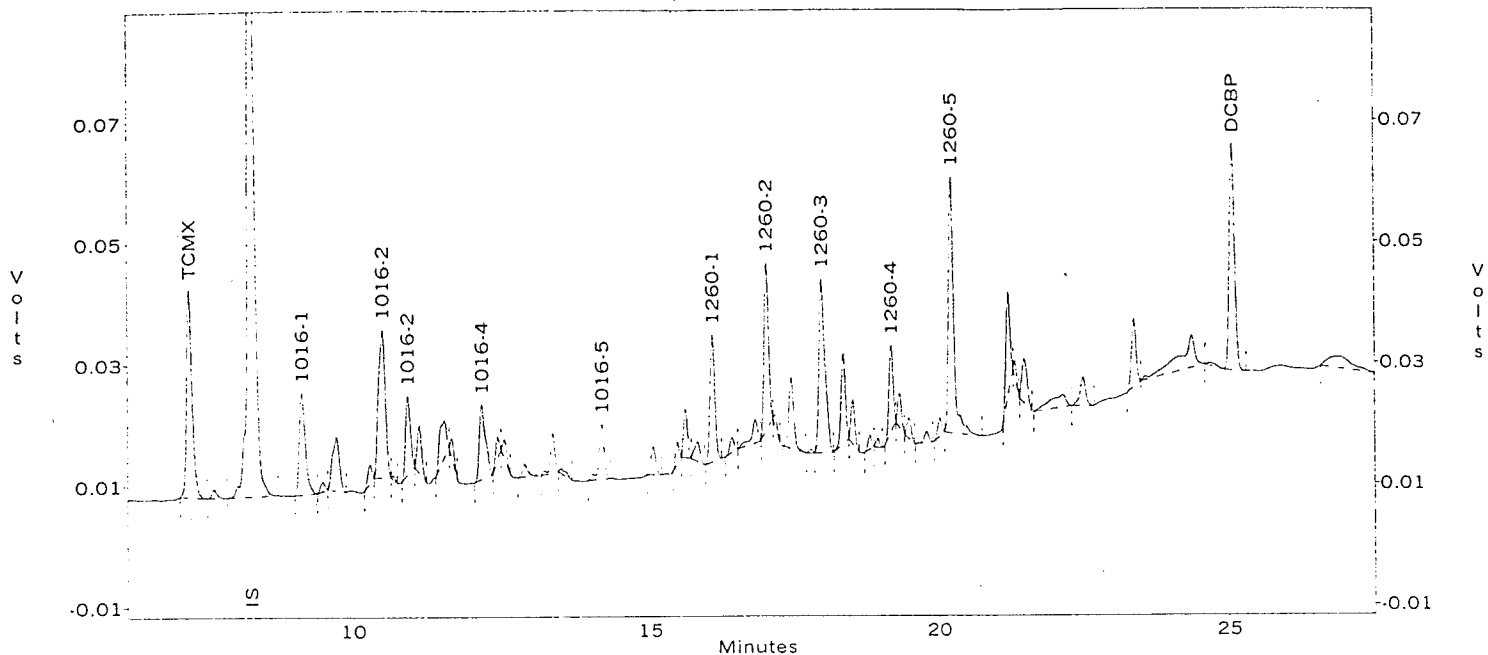
Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
4	TCMX	8.667	285946	0.042
8	IS	10.242	1493764	0.000
10	1016-1	11.550	136724	0.457
16	1016-2	13.058	271708	0.455
17	1016-2	13.517	114852	0.455
25	1016-4	15.525	79240	0.452
32	1016-5	17.175	48384	0.395
39	1260-1	19.483	156250	0.488
41	1260-2	20.192	177970	0.455
44	1260-3	21.483	235187	0.459
52	1260-4	23.725	350000	0.506
60	1260-5	27.533	114445	0.594
63	DCBP	30.700	319257	0.040

*-105%*  
*89% TV = 0.5*  
*100% TV = 0.5*  
*100%*

DB608  
 File : i:\conv\_gc\chrom\ec1\nov12\1060\_3  
 Sample ID : 1060\_3p648  
 Acquired : Nov 12, 1998 10:20:22

i:\conv\_gc\chrom\ec1\nov12\1060\_3 -- Channel A



Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
3	TCMX	7.192	215198	0.041
5	IS	8.242	1050478	0.000
6	1016-1	9.133	125416	0.473
10	1016-2	10.517	192582	0.482
12	1016-2	10.933	74080	0.493
16	1016-4	12.175	89777	0.471
22	1016-5	14.183	57330	0.444
27	1260-1	16.075	116948	0.442
30	1260-2	17.000	150861	0.328
34	1260-3	17.950	206600	0.480
39	1260-4	19.167	70372	0.472
44	1260-5	20.233	268833	0.511
53	DCBP	25.075	235168	0.035

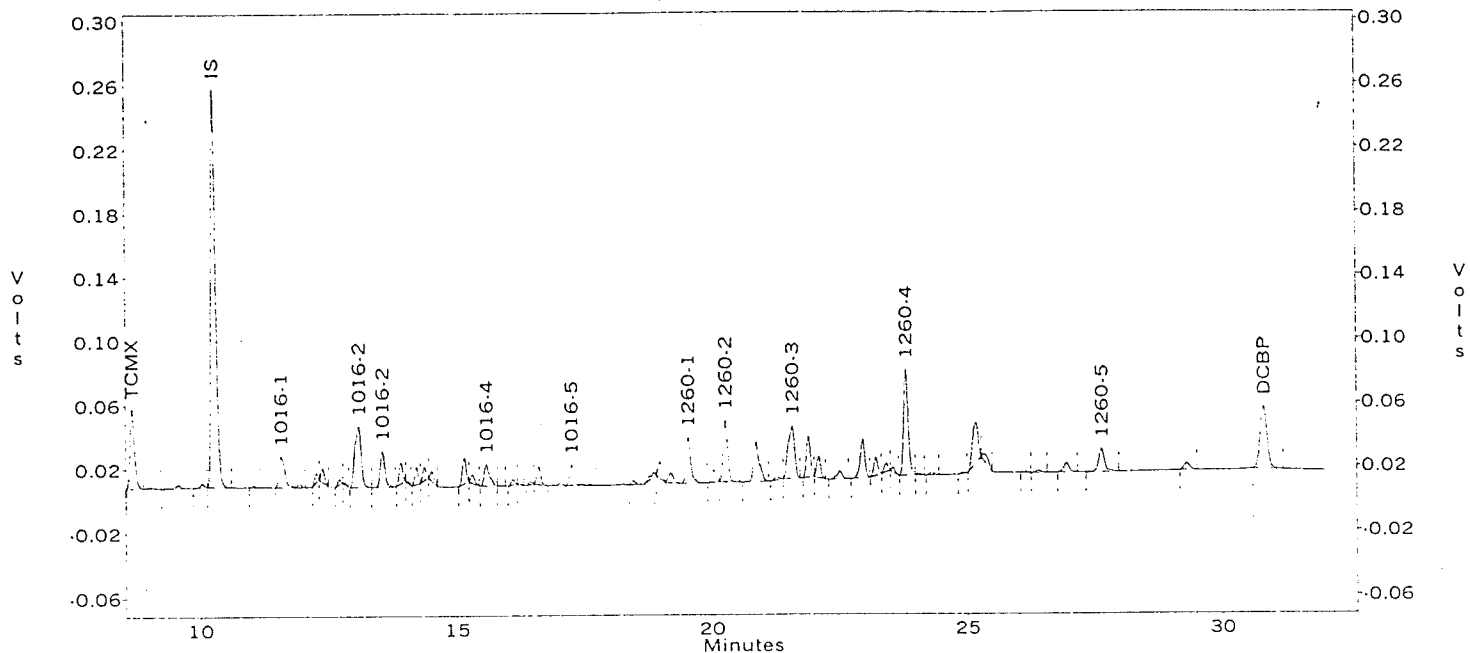
Handwritten notes on the table:

- 103 (next to peak 3)
- 95% (bracketed next to peaks 10, 12, 16, 22)
- 89% (bracketed next to peaks 27, 30, 34, 39, 44)
- 88 (next to peak 53)
- TV = 0.5 (written twice)

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov12\1260\_3a  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : 1260\_3a  
 Acquired : Nov 13, 1998 04:12:39

*Calibration Check  
 at End of Batch.*

i:\conv\_gc\chrom\ec1\nov12\1260\_3a .. Channel B



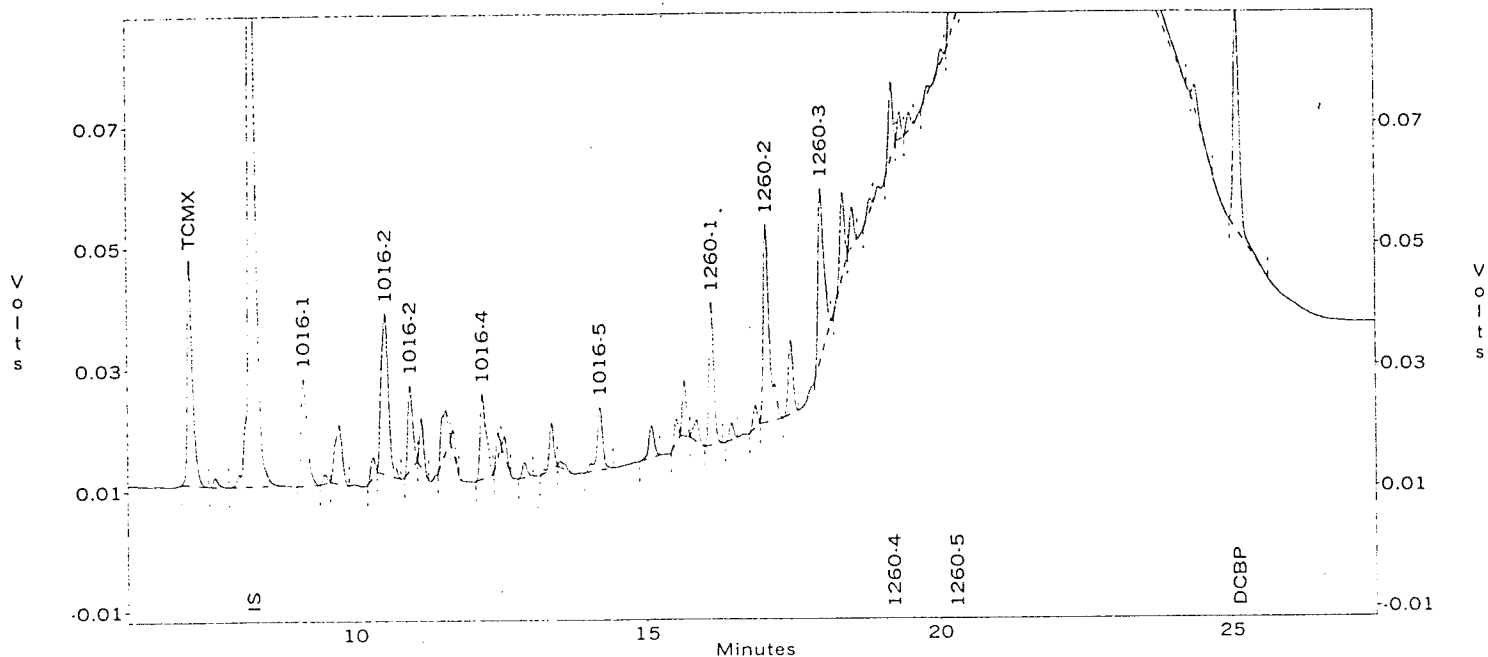
Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
4	TCMX	8.700	287532	0.040
8	IS	10.283	1570428	0.000
10	1016-1	11.600	159769	0.507
16	1016-2	13.117	325100	0.518
17	1016-2	13.567	141357	0.532
25	1016-4	15.583	98154	0.533
32	1016-5	17.242	68870	0.534
39	1260-1	19.550	185279	0.551
41	1260-2	20.267	223187	0.543
44	1260-3	21.558	292003	0.542
52	1260-4	23.800	405640	0.558
61	1260-5	27.633	116457	0.575
63	DCBP	30.817	373094	0.044

*100*  
*106%*  
*110%*  
*110*

DB608  
 File : i:\conv\_gc\chrom\ec1\nov12\1260\_3a  
 Sample ID : 1260\_3a  
 Acquired : Nov 13, 1998 04:12:39

i:\conv\_gc\chrom\ec1\nov12\1260\_3a -- Channel A



Channel A Results

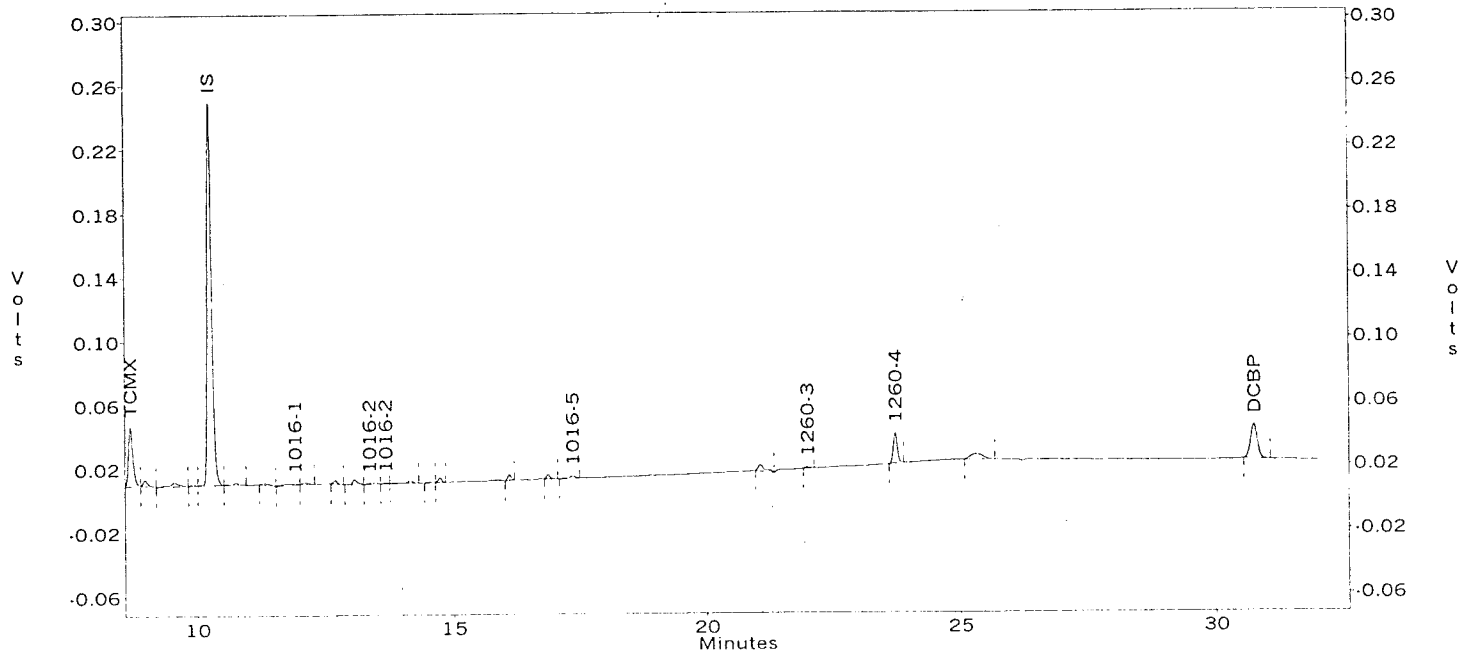
PEAK #	ANALYTE	RT	AREA	ug/ml
3	TCMX	7.200	227007	0.041
5	IS	8.258	1114224	0.000
6	1016-1	9.142	134081	0.476
10	1016-2	10.533	225346	0.532
11	1016-2	10.950	81802	0.514
15	1016-4	12.192	103408	0.511
21	1016-5	14.208	71884	0.525
26	1260-1	16.117	133580	0.476
29	1260-2	17.042	231255	0.474
31	1260-3	17.992	198593	0.435
35	1260-4	19.217	60813	0.385
39	1260-5	20.283	187502	0.336
48	DCBP	25.133	250095	0.035

-103  
 102%  
 84%  
 -88

## Sample Data

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov12\mw1f  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : mw1f  
 Acquired : Nov 12, 1998 19:07:26

i:\conv\_gc\chrom\ec1\nov12\mw1f -- Channel B



Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
20	TCMX	8.692	227033	0.033
24	IS	10.267	1486581	0.000
27	1016-1	11.933	15499	0.052
31	1016-2	13.383	9246	0.016
32	1016-2	13.692	2732	0.011
--	1016-4	15.725	0	0.000
38	1016-5	17.350	10641	0.087
--	1260-1	19.708	0	0.000
--	1260-2	20.417	0	0.000
40	1260-3	21.983	3975	0.008
41	1260-4	23.717	102864	0.150
--	1260-5	27.842	0	0.000
43	DCBP	30.750	199845	0.025



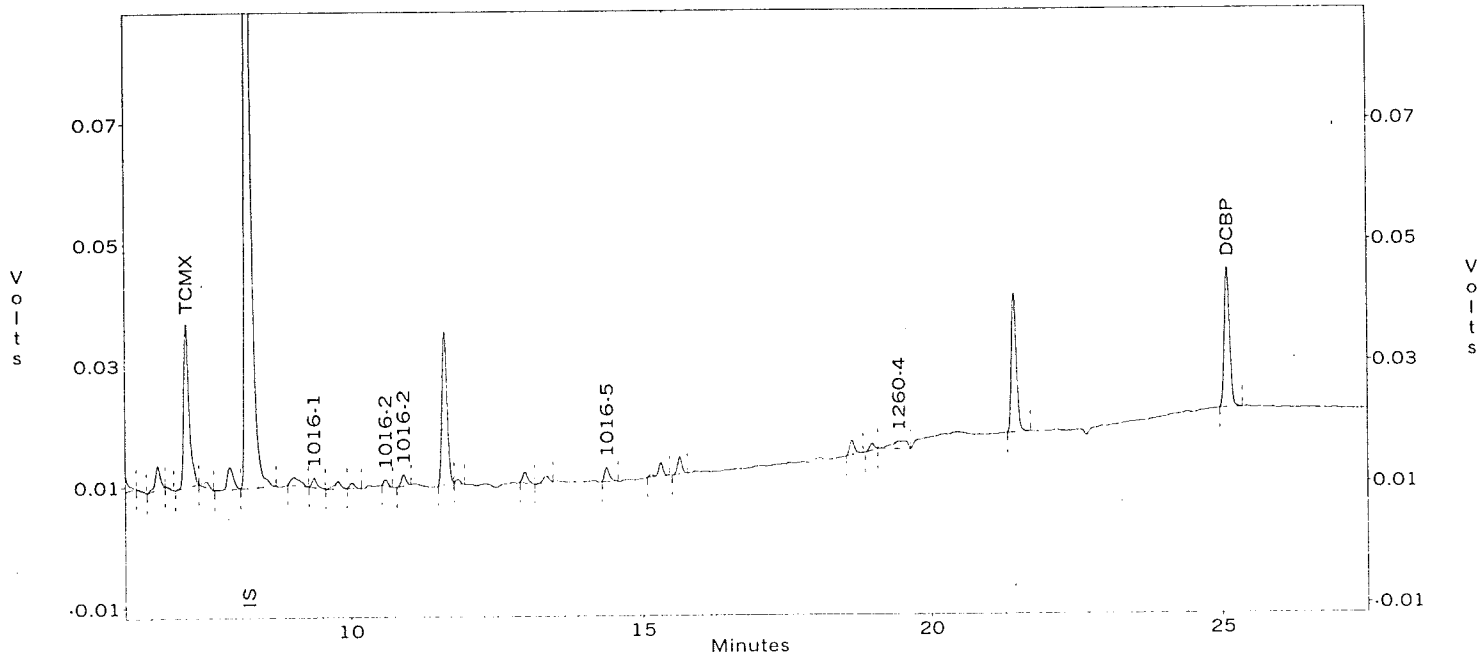
DB608

File : i:\conv\_gc\chrom\ec1\nov12\mw1f

Sample ID : mw1f

Acquired : Nov 12, 1998 19:07:26

i:\conv\_gc\chrom\ec1\nov12\mw1f -- Channel A

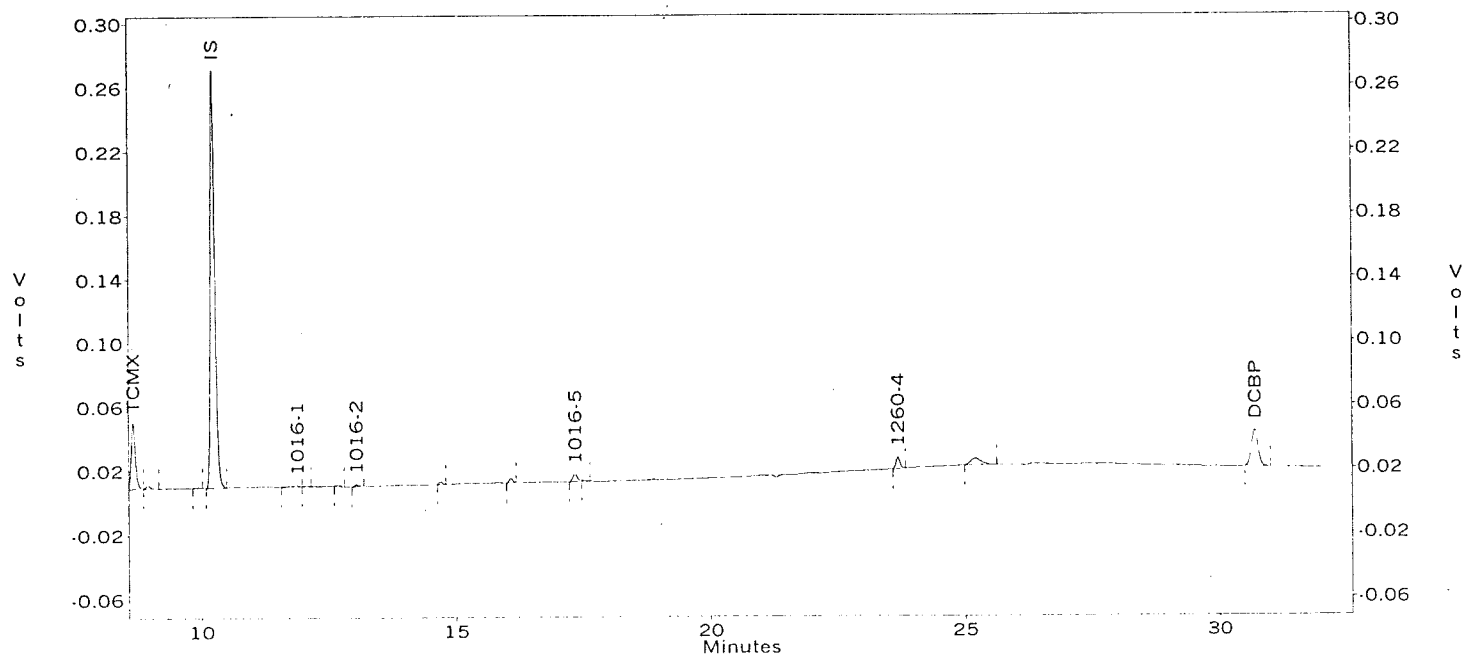


Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
14	TCMX	7.192	165524	0.034
17	IS	8.242	981579	0.000
19	1016-1	9.383	8755	0.035
22	1016-2	10.592	4639	0.012
23	1016-2	10.900	10242	0.073
--	1016-4	12.317	0	0.000
28	1016-5	14.383	13557	0.112
--	1260-1	16.258	0	0.000
--	1260-2	17.192	0	0.000
--	1260-3	18.142	0	0.000
33	1260-4	19.442	24264	0.174
--	1260-5	20.433	0	0.000
35	DCBP	25.100	146978	0.023

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov12\mw1  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : mw1  
 Acquired : Nov 13, 1998 00:34:34

i:\conv\_gc\chrom\ec1\nov12\mw1 -- Channel B

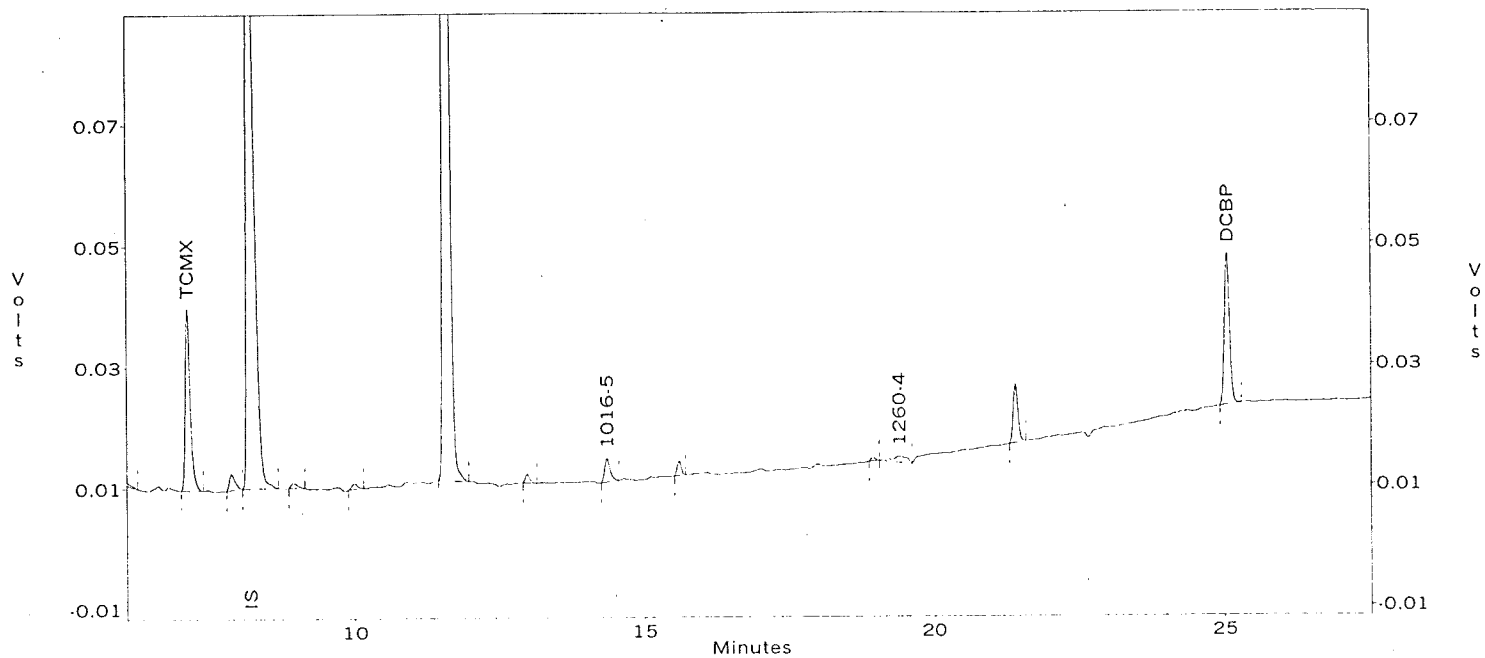


Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
14	TCMX	8.667	228558	0.032
17	IS	10.242	1582602	0.000
18	1016-1	11.900	9077	0.029
21	1016-2	13.067	6858	0.011
--	1016-2	13.700	0	0.000
--	1016-4	15.725	0	0.000
24	1016-5	17.308	28117	0.216
--	1260-1	19.708	0	0.000
--	1260-2	20.417	0	0.000
--	1260-3	21.708	0	0.000
26	1260-4	23.683	37858	0.052
--	1260-5	27.842	0	0.000
28	DCBP	30.700	211229	0.025

DB608  
 File : i:\conv\_gc\chrom\ec1\nov12\mw1  
 Sample ID : mw1  
 Acquired : Nov 13, 1998 00:34:34

i:\conv\_gc\chrom\ec1\nov12\mw1 -- Channel A

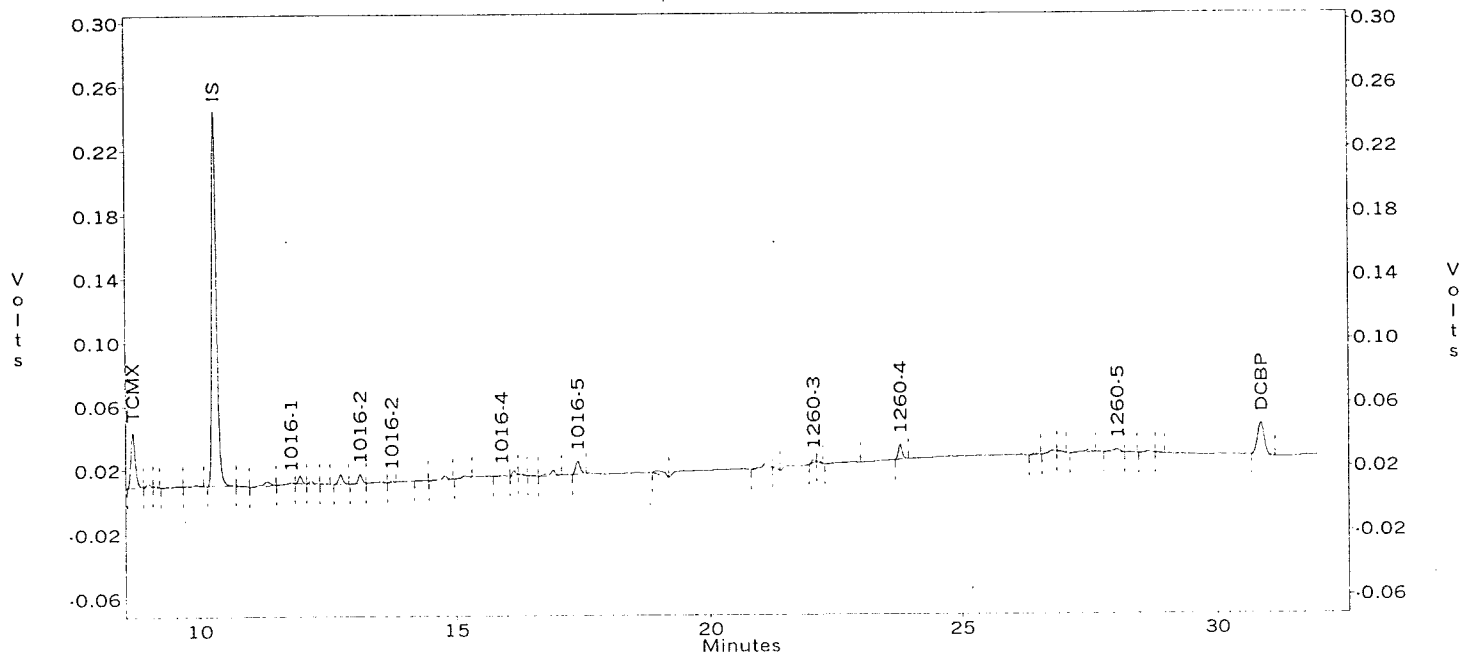


Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
11	TCMX	7.167	171574	0.030
13	IS	8.217	1164472	0.000
--	1016-1	9.258	0	0.000
--	1016-2	10.658	0	0.000
--	1016-2	11.075	0	0.000
--	1016-4	12.317	0	0.000
18	1016-5	14.350	26270	0.183
--	1260-1	16.258	0	0.000
--	1260-2	17.192	0	0.000
--	1260-3	18.142	0	0.000
21	1260-4	19.400	18318	0.111
--	1260-5	20.433	0	0.000
23	DCBP	25.067	158429	0.021

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov12\mw2  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : mw2  
 Acquired : Nov 12, 1998 17:18:24

i:\conv\_gc\chrom\ec1\nov12\mw2 -- Channel B



Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
20	TCMX	8.725	199077	0.030
25	IS	10.300	1460189	0.000
28	1016-1	11.792	4849	0.017
33	1016-2	13.133	29714	0.051
35	1016-2	13.742	3992	0.016
39	1016-4	15.892	7702	0.045
44	1016-5	17.392	48724	0.406
--	1260-1	19.708	0**	0.000
--	1260-2	20.417	0	0.000
48	1260-3	22.042	7893	0.016
51	1260-4	23.783	49702	0.074
56	1260-5	28.033	20211	0.107
60	DCBP	30.883	190613	0.024

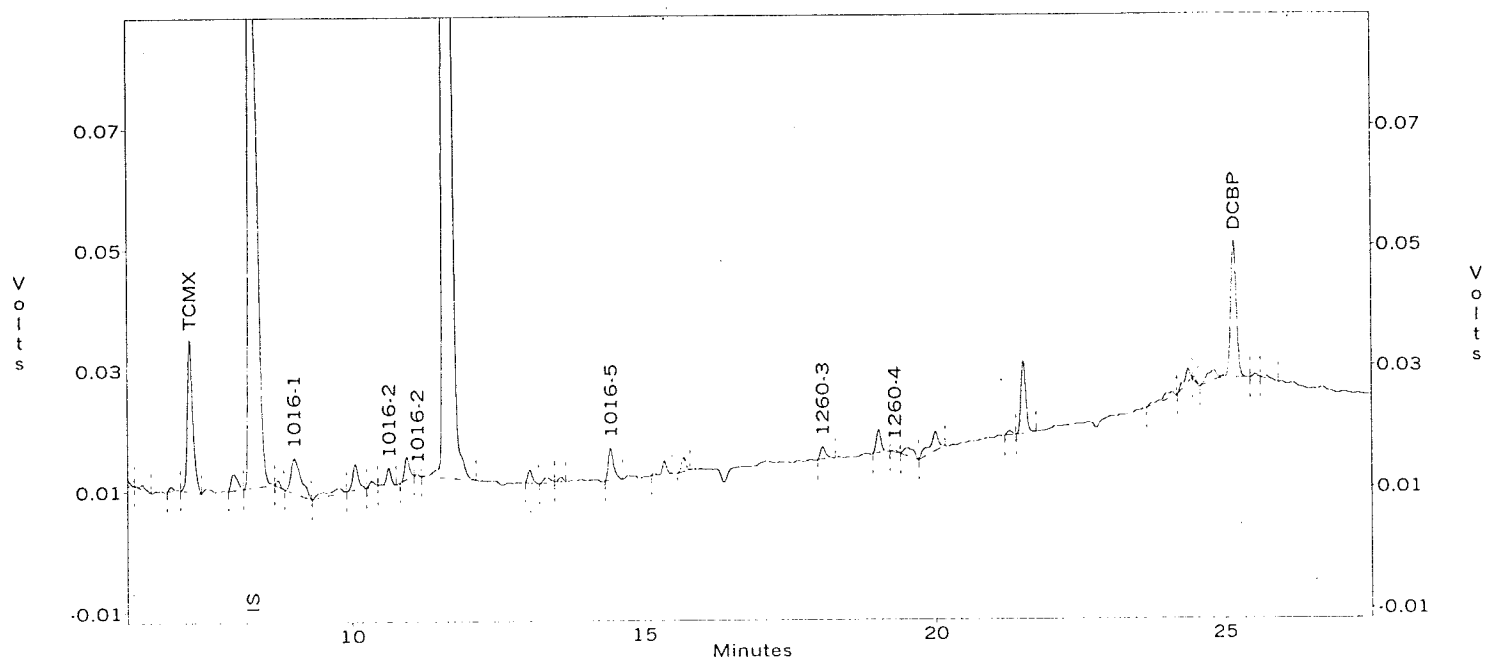
DB608

File : i:\conv\_gc\chrom\ec1\nov12\mw2

Sample ID : mw2

Acquired : Nov 12, 1998 17:18:24

i:\conv\_gc\chrom\ec1\nov12\mw2 -- Channel A

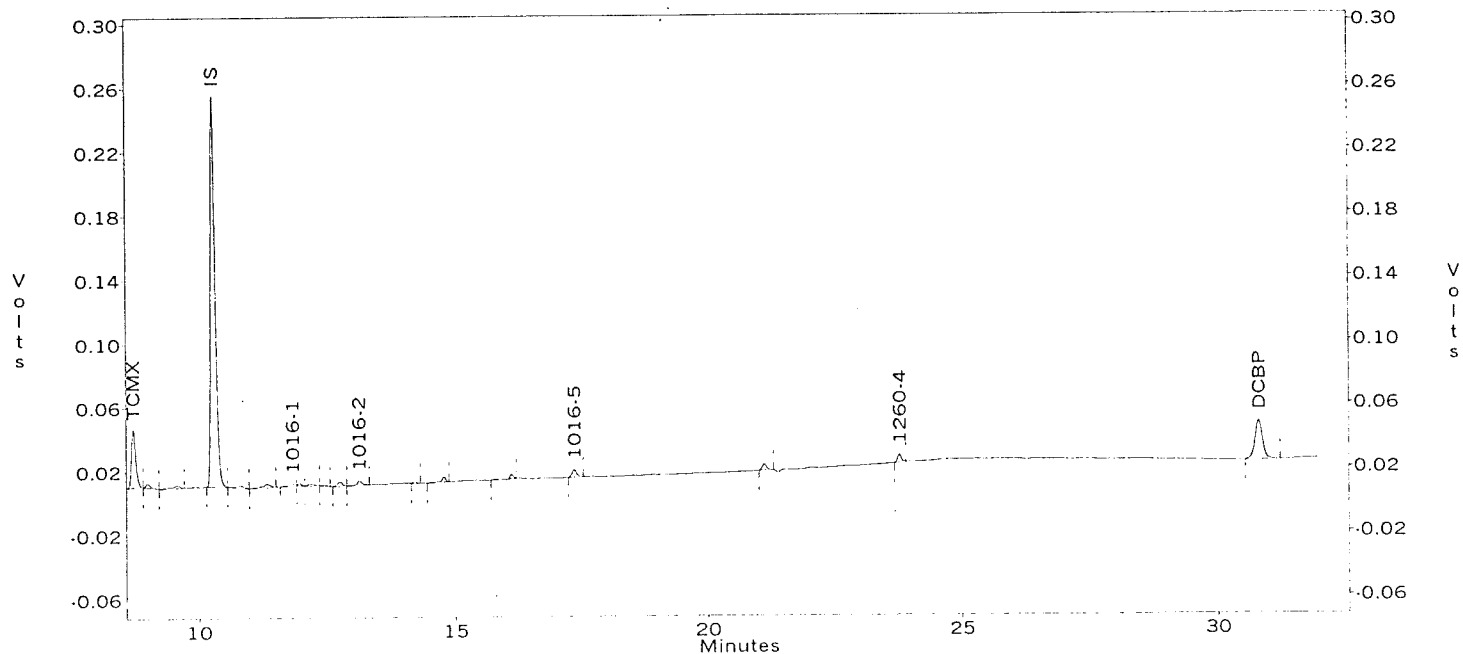


## Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
16	TCMX	7.217	156541	0.027
18	IS	8.275	1177985	0.000
20	1016-1	9.008	69388	0.233
24	1016-2	10.633	15127	0.034
26	1016-2	11.117	1277	0.008
--	1016-4	12.317	0	0.000
31	1016-5	14.425	35615	0.246
--	1260-1	16.258	0	0.000
--	1260-2	17.192	0	0.000
34	1260-3	18.058	13029	0.027
36	1260-4	19.300	1906	0.011
--	1260-5	20.433	0	0.000
45	DCBP	25.175	158864	0.021

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov12\mw2f  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : mw2f  
 Acquired : Nov 12, 1998 17:54:44

i:\conv\_gc\chrom\ec1\nov12\mw2f -- Channel B

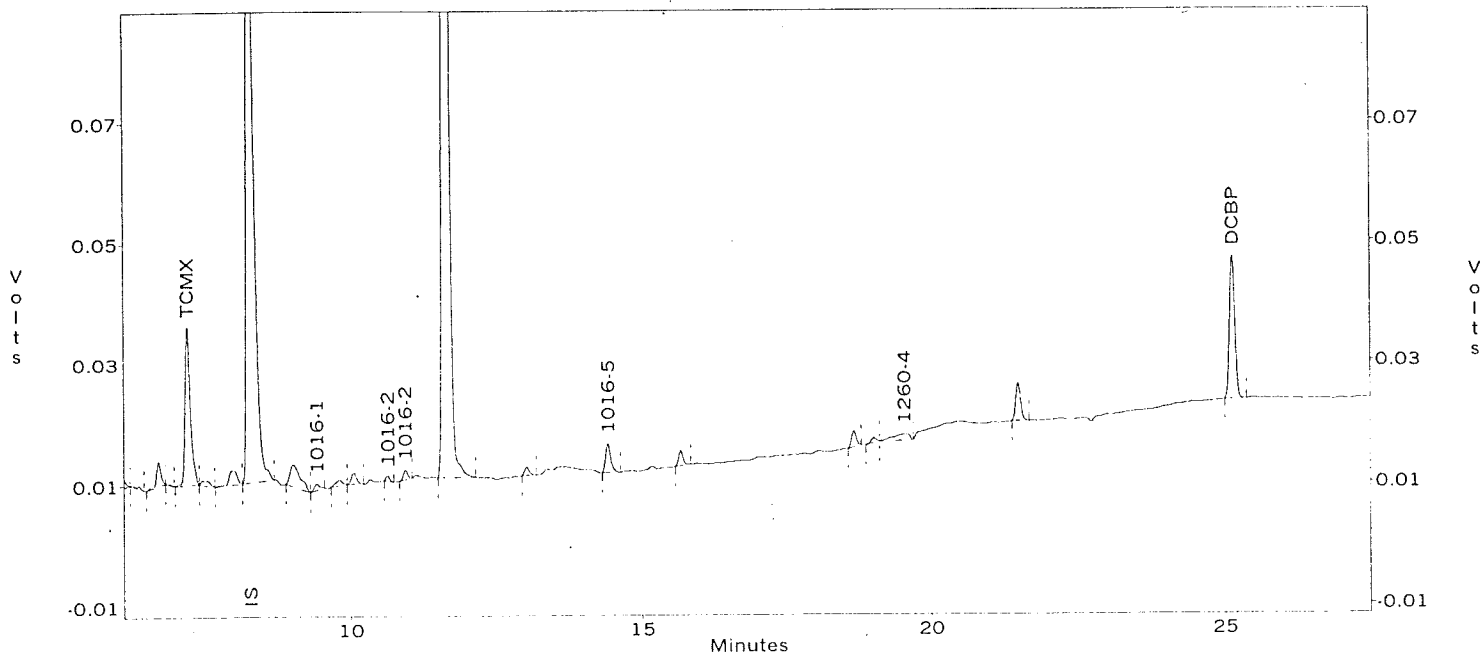


Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
20	TCMX	8.725	211936	0.031
23	IS	10.300	1486512	0.000
26	1016-1	11.825	7848	0.026
31	1016-2	13.125	16443	0.028
--	1016-2	13.700	0	0.000
--	1016-4	15.725	0	0.000
35	1016-5	17.383	29181	0.239
--	1260-1	19.708	0	0.000
--	1260-2	20.417	0	0.000
--	1260-3	21.708	0	0.000
37	1260-4	23.758	25180	0.037
--	1260-5	27.842	0	0.000
38	DCBP	30.817	251973	0.031

DB608  
 File : i:\conv\_gc\chrom\ec1\nov12\mw2f  
 Sample ID : mw2f  
 Acquired : Nov 12, 1998 17:54:44

i:\conv\_gc\chrom\ec1\nov12\mw2f -- Channel A

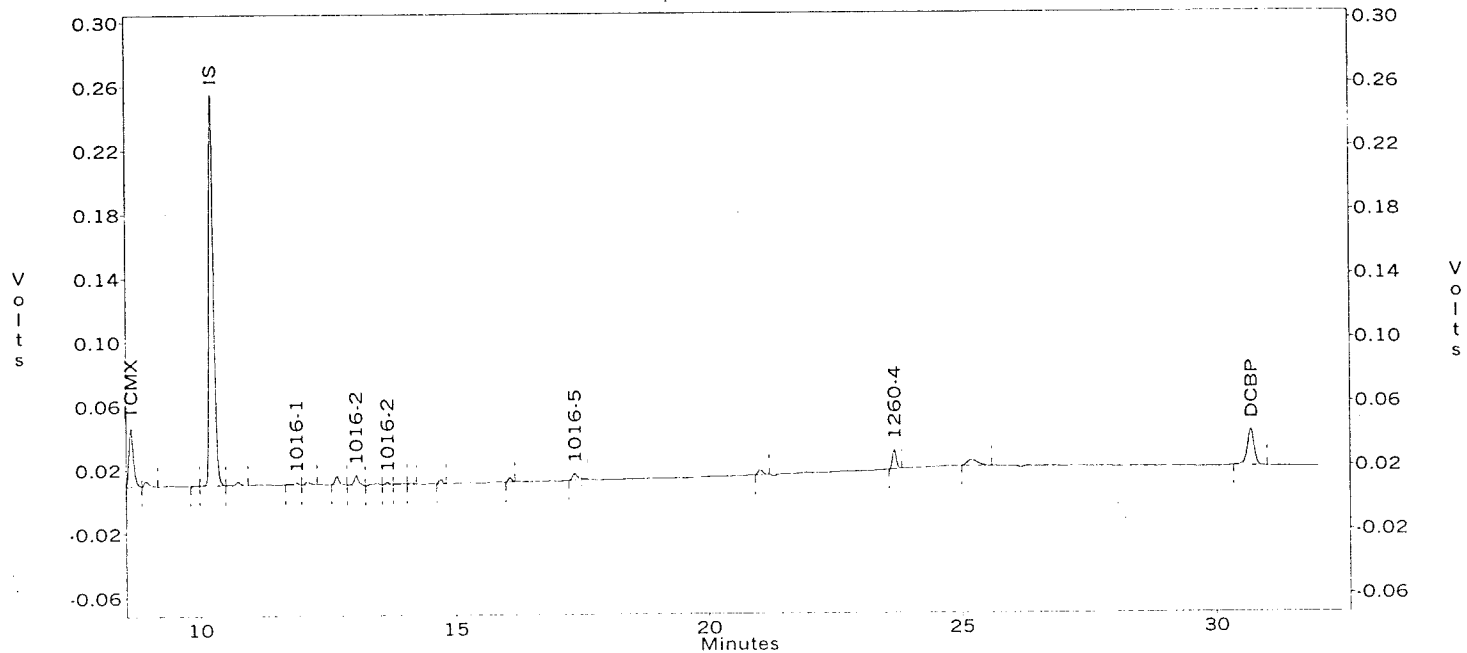


Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
15	TCMX	7.217	161004	0.030
18	IS	8.275	1075991	0.000
20	1016-1	9.425	6410	0.024
23	1016-2	10.633	3560	0.009
24	1016-2	10.933	7824	0.051
--	1016-4	12.317	0	0.000
27	1016-5	14.417	29094	0.220
--	1260-1	16.258	0	0.000
--	1260-2	17.192	0	0.000
--	1260-3	18.142	0	0.000
31	1260-4	19.533	20200	0.132
--	1260-5	20.433	0	0.000
33	DCBP	25.142	151475	0.022

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov12\mw3f  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : mw3f  
 Acquired : Nov 12, 1998 22:45:32

i:\conv\_gc\chrom\ec1\nov12\mw3f -- Channel B



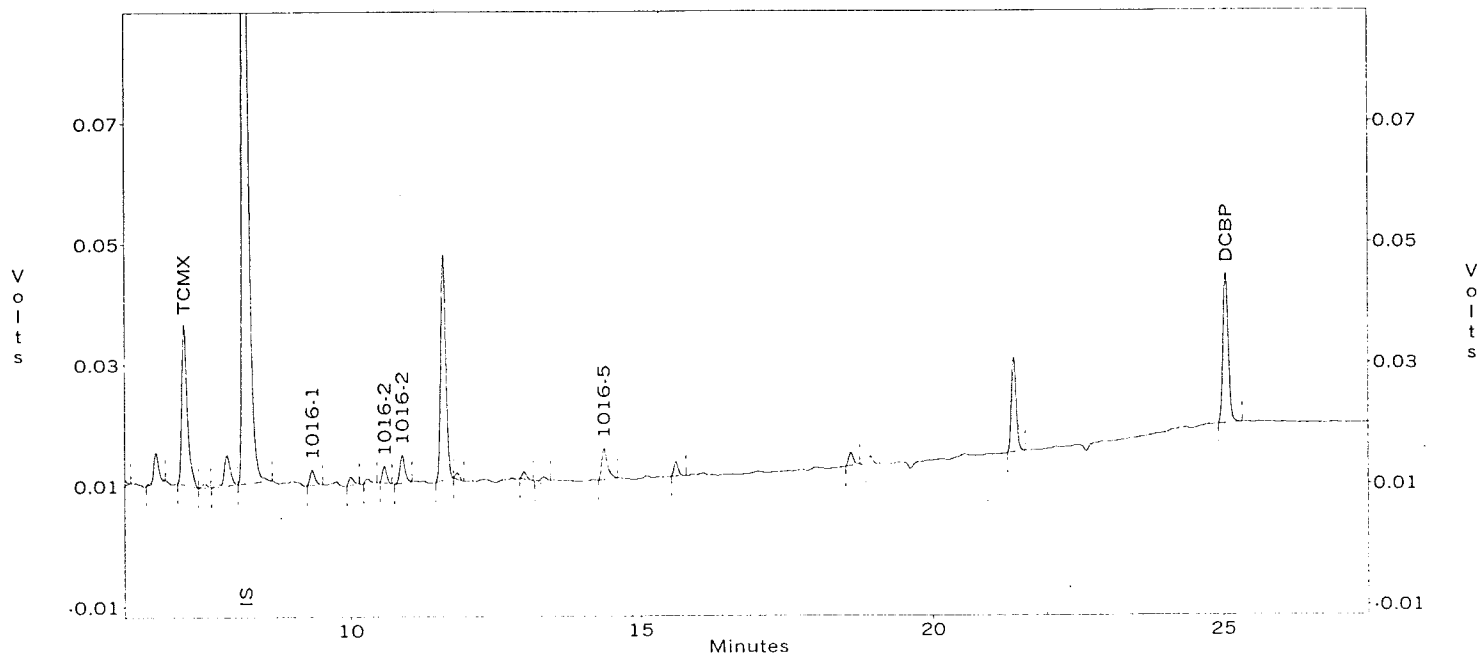
Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
15	TCMX	8.675	219524	0.032
18	IS	10.242	1508936	0.000
20	1016-1	11.900	8490	0.028
23	1016-2	13.067	39736	0.066
25	1016-2	13.675	6261	0.025
--	1016-4	15.725	0	0.000
30	1016-5	17.325	25446	0.205
--	1260-1	19.708	0	0.000
--	1260-2	20.417	0	0.000
--	1260-3	21.708	0	0.000
33	1260-4	23.683	63160	0.090
--	1260-5	27.842	0	0.000
35	DCBP	30.692	220475	0.027



DB608  
 File : i:\conv\_gc\chrom\ec1\nov12\mw3f  
 Sample ID : mw3f  
 Acquired : Nov 12, 1998 22:45:32

i:\conv\_gc\chrom\ec1\nov12\mw3f -- Channel A

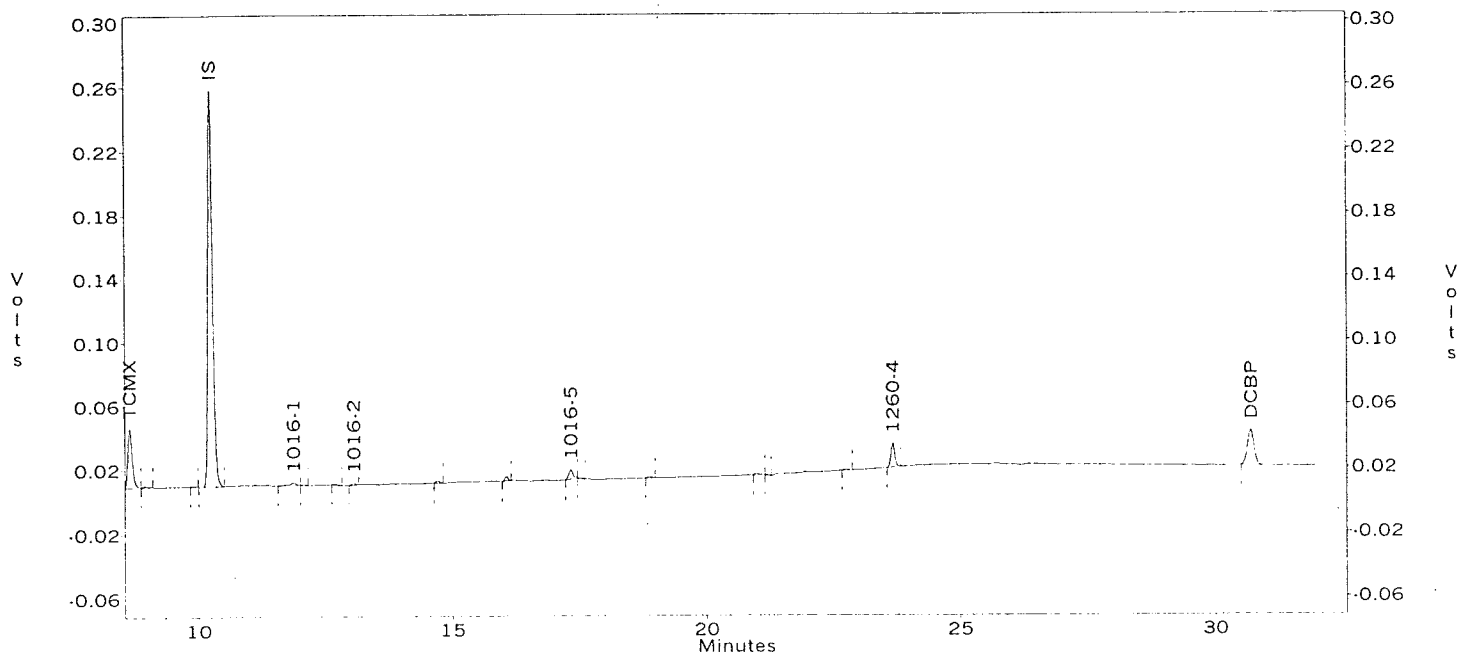


Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
14	TCMX	7.175	171259	0.034
17	IS	8.225	1005747	0.000
18	1016-1	9.367	14587	0.057
21	1016-2	10.575	13548	0.035
22	1016-2	10.875	27224	0.189
--	1016-4	12.317	0	0.000
27	1016-5	14.358	36922	0.299
--	1260-1	16.258	0	0.000
--	1260-2	17.192	0	0.000
--	1260-3	18.142	0	0.000
--	1260-4	19.367	0	0.000
--	1260-5	20.433	0	0.000
32	DCBP	25.058	159201	0.025

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov12\mw3  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : mw3  
 Acquired : Nov 12, 1998 20:56:27

i:\conv\_gc\chrom\ec1\nov12\mw3 -- Channel B

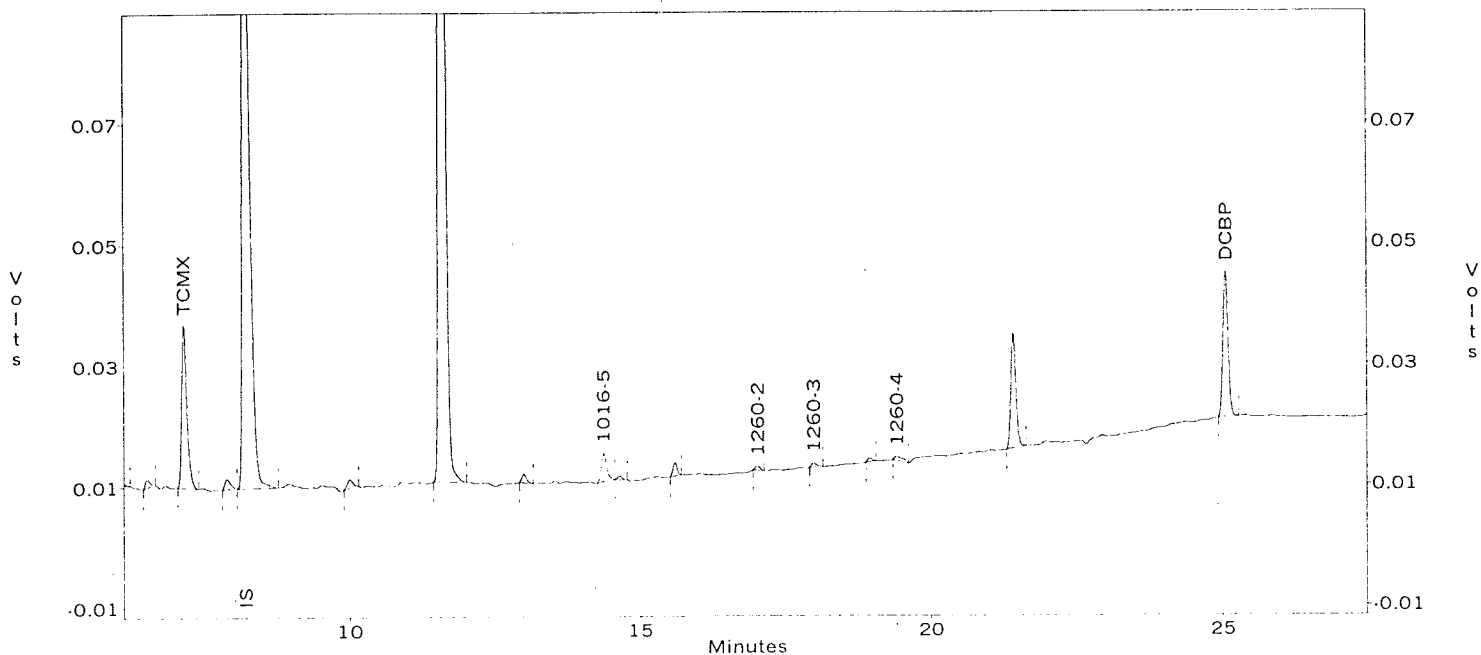


Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
13	TCMX	8.675	214026	0.031
16	IS	10.250	1537761	0.000
17	1016-1	11.883	15126	0.049
20	1016-2	13.075	4966	0.008
--	1016-2	13.700	0	0.000
--	1016-4	15.725	0	0.000
23	1016-5	17.317	33020	0.262
--	1260-1	19.708	0	0.000
--	1260-2	20.417	0	0.000
--	1260-3	21.708	0	0.000
29	1260-4	23.683	79348	0.112
--	1260-5	27.842	0	0.000
30	DCBP	30.700	202333	0.024

DB608  
 File : i:\conv\_gc\chrom\ec1\nov12\mw3  
 Sample ID : mw3  
 Acquired : Nov 12, 1998 20:56:27

i:\conv\_gc\chrom\ec1\nov12\mw3 -- Channel A

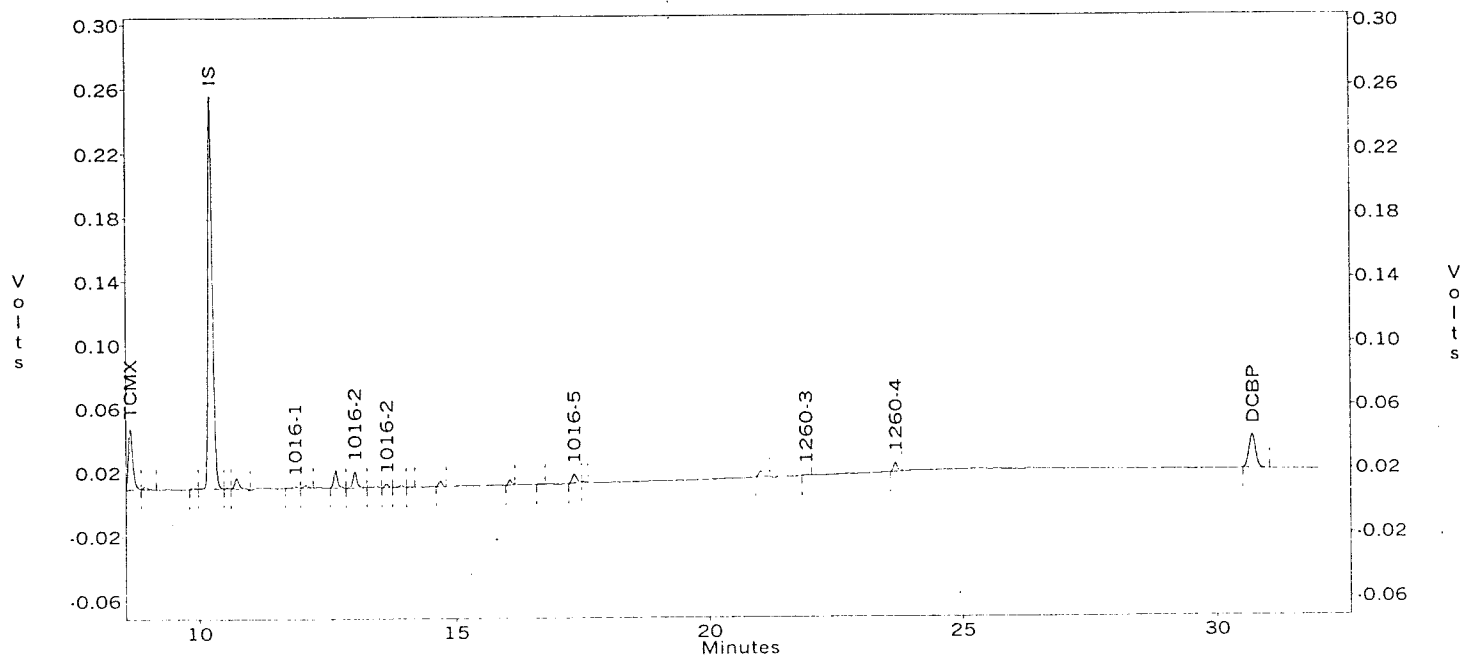


Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
11	TCMX	7.175	163422	0.030
13	IS	8.225	1103849	0.000
--	1016-1	9.258	0	0.000
--	1016-2	10.658	0	0.000
--	1016-2	11.075	0	0.000
--	1016-4	12.317	0	0.000
17	1016-5	14.358	31602	0.233
--	1260-1	16.258	0	0.000
20	1260-2	17.017	4045	0.008
21	1260-3	17.975	4124	0.009
23	1260-4	19.417	6945	0.044
--	1260-5	20.433	0	0.000
25	DCBP	25.067	151358	0.021

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov12\mw4f  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : mw4f  
 Acquired : Nov 12, 1998 23:58:14

i:\conv\_gc\chrom\ec1\nov12\mw4f -- Channel B

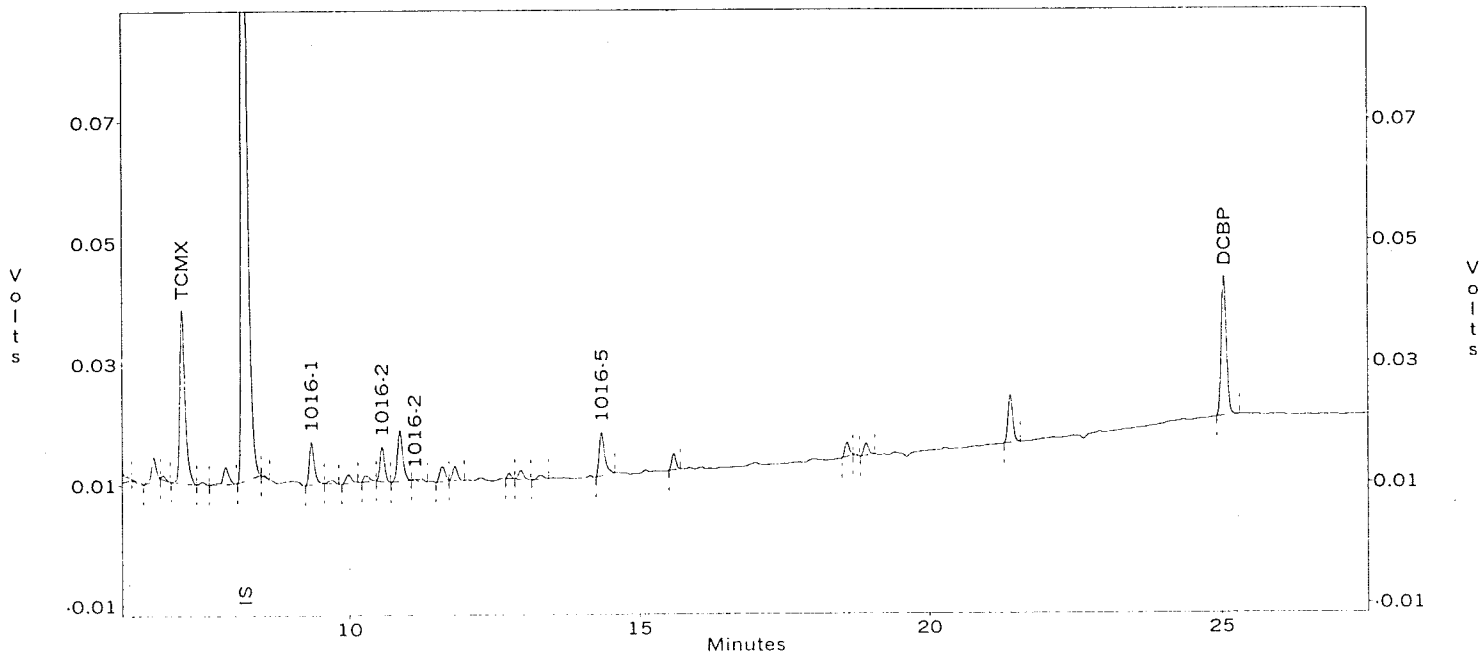


Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
16	TCMX	8.667	221231	0.032
19	IS	10.242	1501098	0.000
22	1016-1	11.892	6619	0.022
25	1016-2	13.058	58232	0.097
27	1016-2	13.675	11673	0.046
--	1016-4	15.725	0	0.000
33	1016-5	17.317	32533	0.264
--	1260-1	19.708	0	0.000
--	1260-2	20.417	0	0.000
36	1260-3	21.908	3511	0.007
37	1260-4	23.683	29176	0.042
--	1260-5	27.842	0	0.000
38	DCBP	30.700	191306	0.024

DB608  
 File : i:\conv\_gc\chrom\ec1\nov12\mw4f  
 Sample ID : mw4f  
 Acquired : Nov 12, 1998 23:58:14

i:\conv\_gc\chrom\ec1\nov12\mw4f -- Channel A

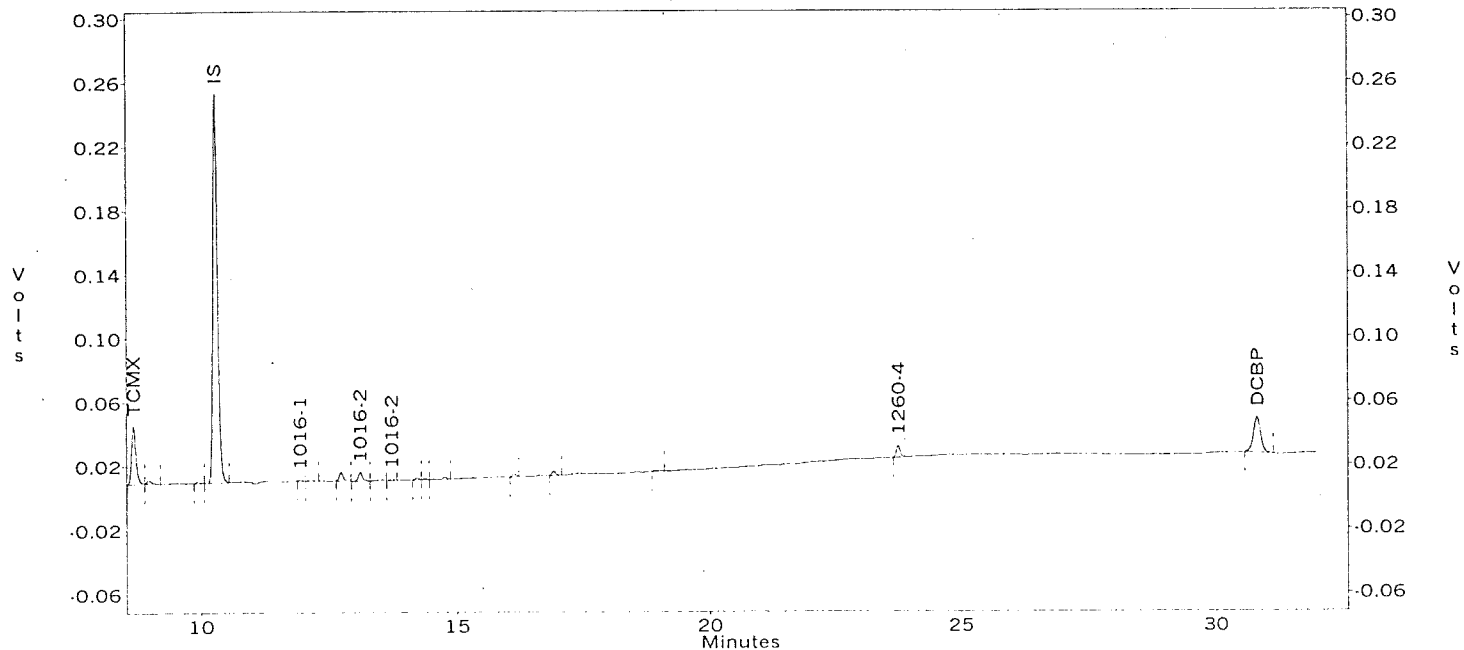


Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
15	TCMX	7.167	175659	0.036
18	IS	8.217	980186	0.000
20	1016-1	9.358	41797	0.169
24	1016-2	10.567	29517	0.079
26	1016-2	11.117	3468	0.025
--	1016-4	12.317	0	0.000
32	1016-5	14.350	47675	0.396
--	1260-1	16.258	0	0.000
--	1260-2	17.192	0	0.000
--	1260-3	18.142	0	0.000
--	1260-4	19.367	0	0.000
--	1260-5	20.433	0	0.000
38	DCBP	25.058	146059	0.023

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov12\mw4  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : mw4  
 Acquired : Nov 12, 1998 16:42:07

i:\conv\_gc\chrom\ec1\nov12\mw4 -- Channel B



Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
16	TCMX	8.717	210498	0.031
19	IS	10.292	1500321	0.000
20	1016-1	11.942	3472	0.012
23	1016-2	13.117	32120	0.054
25	1016-2	13.733	5762	0.023
--	1016-4	15.725	0	0.000
--	1016-5	17.383	0	0.000
--	1260-1	19.708	0	0.000
--	1260-2	20.417	0	0.000
--	1260-3	21.708	0	0.000
32	1260-4	23.758	38698	0.056
--	1260-5	27.842	0	0.000
33	DCBP	30.825	221333	0.027

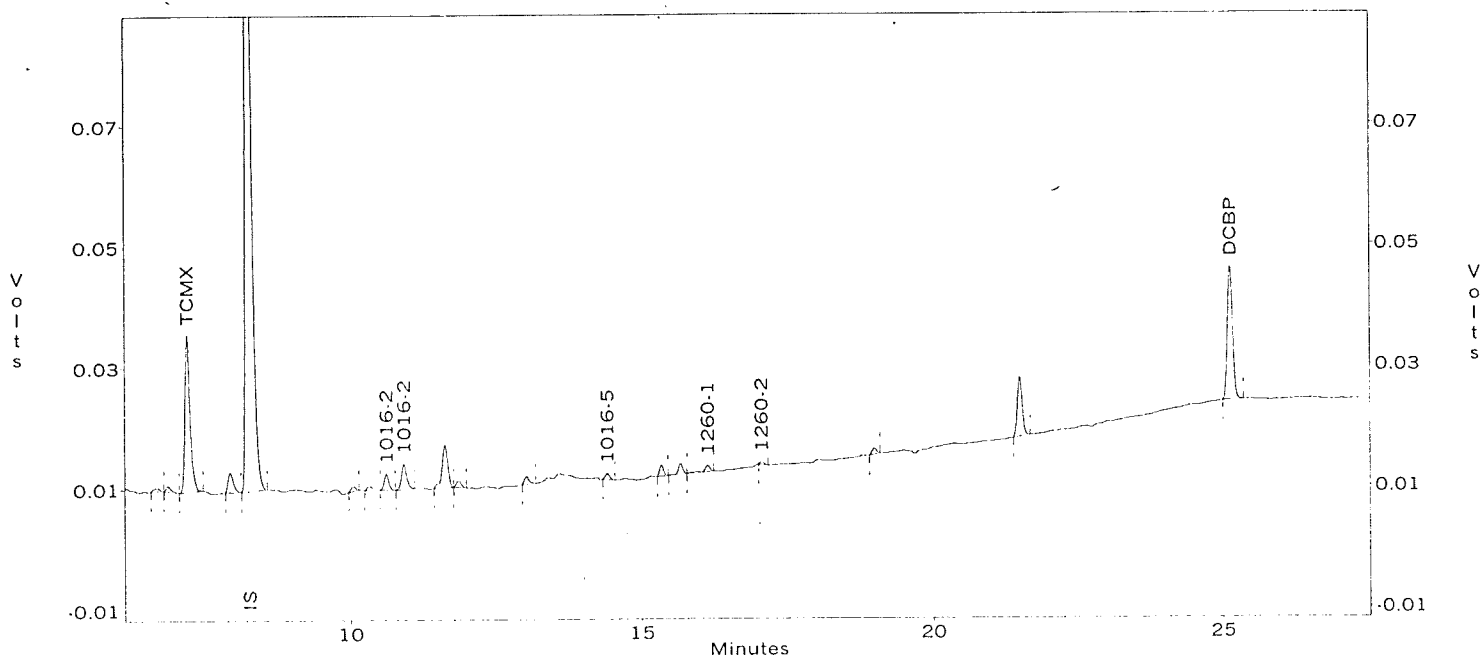
DB608

File : i:\conv\_gc\chrom\ec1\nov12\mw4

Sample ID : mw4

Acquired : Nov 12, 1998 16:42:07

i:\conv\_gc\chrom\ec1\nov12\mw4 -- Channel A

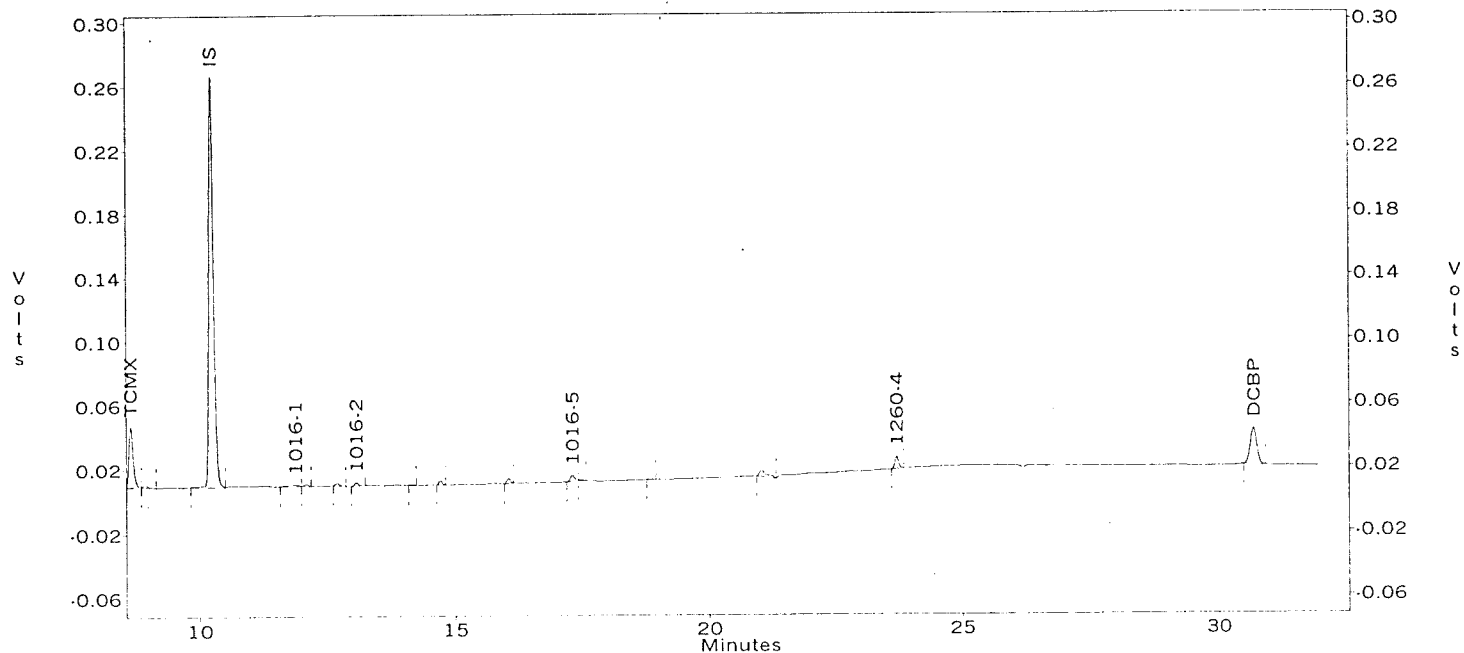


## Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
14	TCMX	7.208	152868	0.032
16	IS	8.267	957127	0.000
--	1016-1	9.258	0	0.000
19	1016-2	10.625	14342	0.039
20	1016-2	10.925	26126	0.191
--	1016-4	12.317	0	0.000
24	1016-5	14.400	5521	0.047
27	1260-1	16.125	6899	0.029
28	1260-2	17.050	1844	0.004
--	1260-3	18.142	0	0.000
--	1260-4	19.367	0	0.000
--	1260-5	20.433	0	0.000
31	DCBP	25.142	139540	0.023

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov12\mw5f  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : mw5f  
 Acquired : Nov 12, 1998 21:32:49

i:\conv\_gc\chrom\ec1\nov12\mw5f -- Channel B



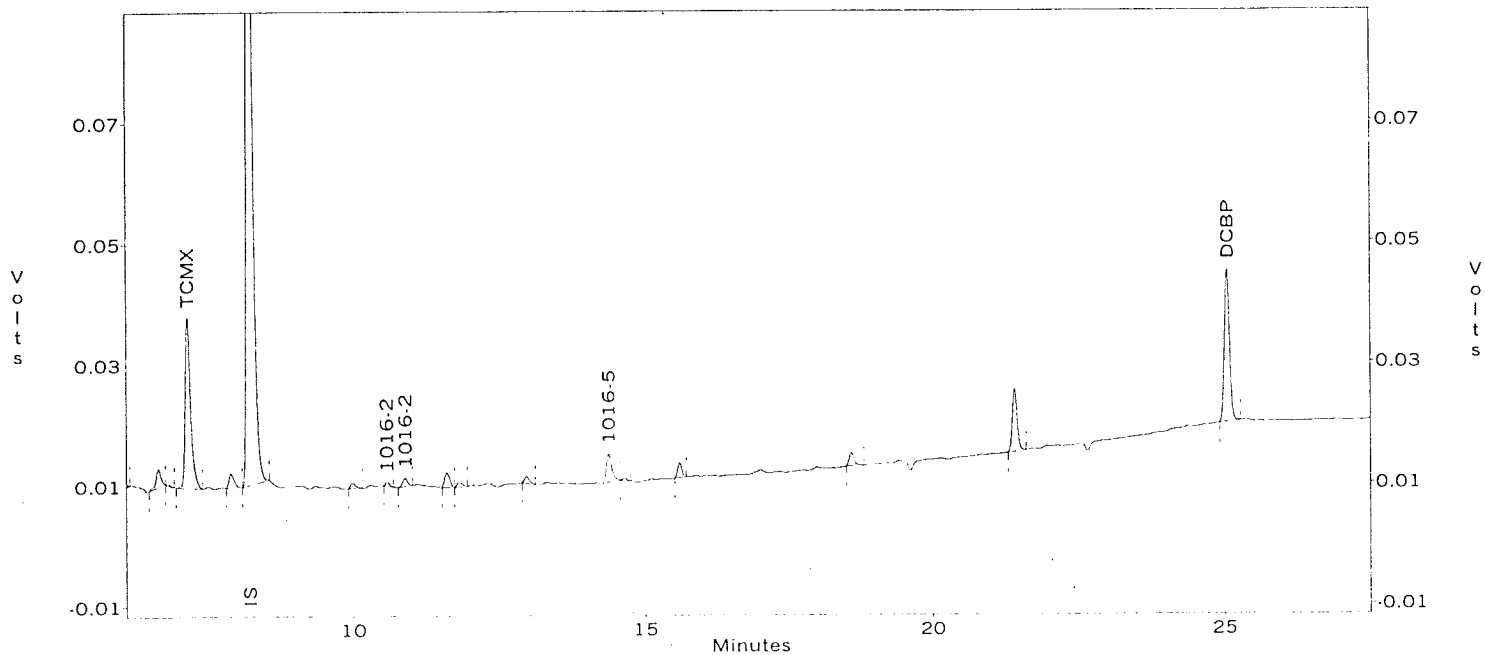
Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
13	TCMX	8.667	219855	0.030
15	IS	10.242	1589745	0.000
16	1016-1	11.875	8525	0.027
19	1016-2	13.067	11150	0.018
--	1016-2	13.700	0	0.000
--	1016-4	15.725	0	0.000
23	1016-5	17.325	20746	0.159
--	1260-1	19.708	0	0.000
--	1260-2	20.417	0	0.000
--	1260-3	21.708	0	0.000
27	1260-4	23.683	39228	0.053
--	1260-5	27.842	0	0.000
28	DCBP	30.700	206904	0.024



DB608  
 File : i:\conv\_gc\chrom\ec1\nov12\mw5f  
 Sample ID : mw5f  
 Acquired : Nov 12, 1998 21:32:49

i:\conv\_gc\chrom\ec1\nov12\mw5f -- Channel A



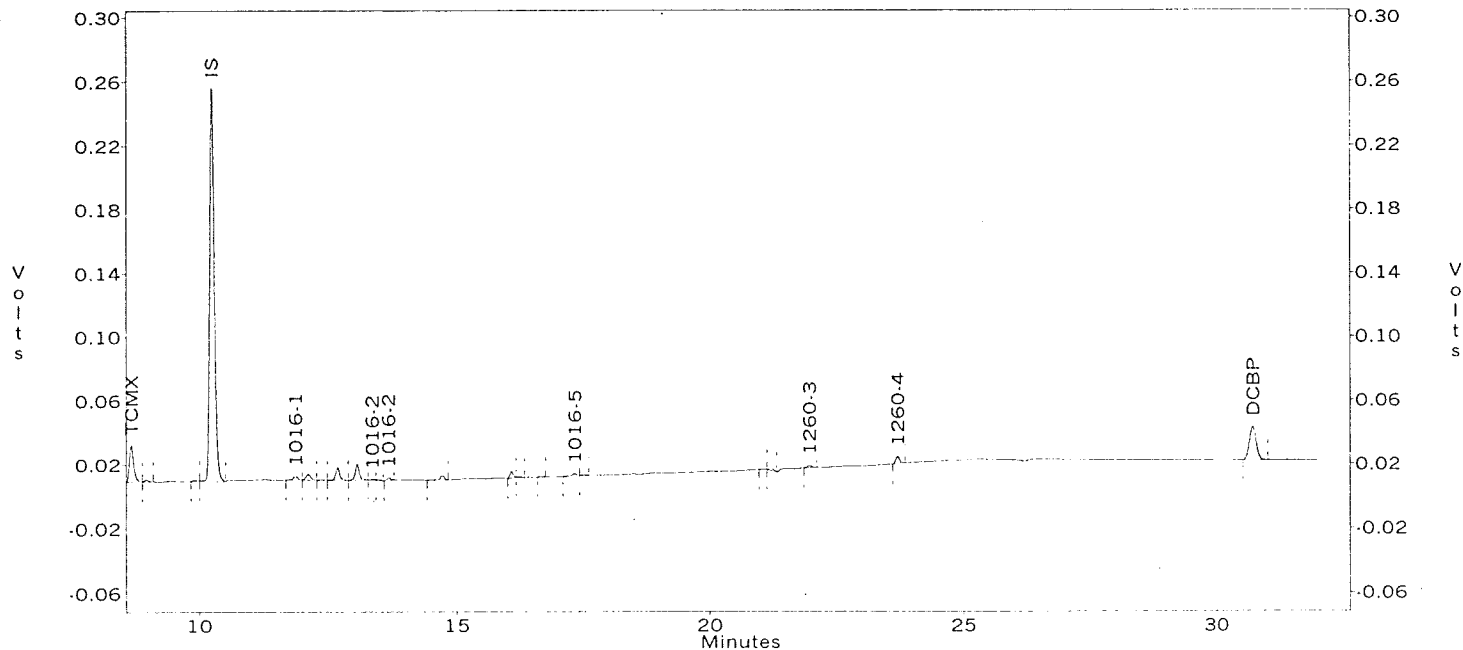
Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
12	TCMX	7.167	176263	0.035
14	IS	8.217	1024189	0.000
--	1016-1	9.258	0	0.000
16	1016-2	10.567	2774	0.007
17	1016-2	10.875	7614	0.052
--	1016-4	12.317	0	0.000
21	1016-5	14.358	31858	0.253
--	1260-1	16.258	0	0.000
--	1260-2	17.192	0	0.000
--	1260-3	18.142	0	0.000
--	1260-4	19.367	0	0.000
--	1260-5	20.433	0	0.000
26	DCBP	25.058	158765	0.024

DB1701

File : i:\conv\_gc\chrom\ec1\nov12\mw5  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : mw5  
 Acquired : Nov 12, 1998 19:43:46

i:\conv\_gc\chrom\ec1\nov12\mw5 -- Channel B

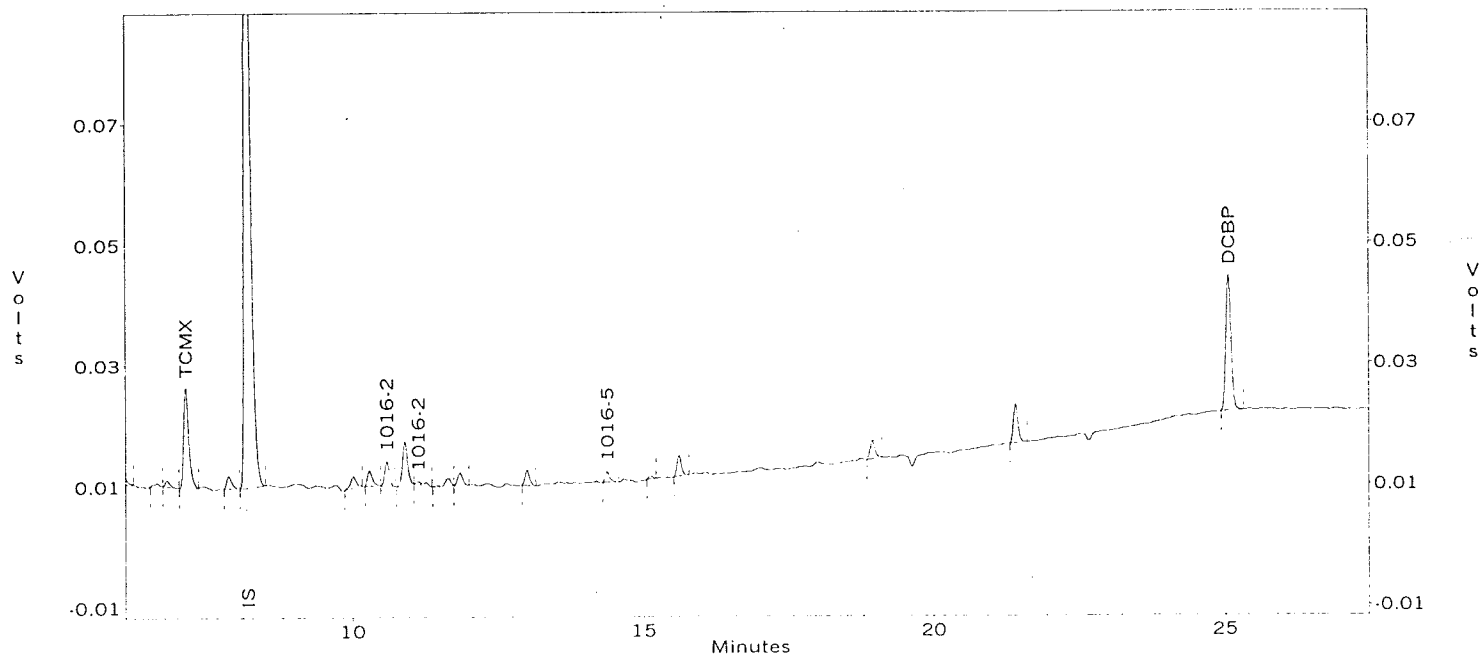


Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
17	TCMX	8.683	133788	0.019
20	IS	10.258	1520312	0.000
21	1016-1	11.892	15848	0.052
26	1016-2	13.367	1870	0.003
28	1016-2	13.683	8641	0.034
--	1016-4	15.725	0	0.000
33	1016-5	17.342	7367	0.059
--	1260-1	19.708	0	0.000
--	1260-2	20.417	0	0.000
37	1260-3	21.950	8332	0.016
38	1260-4	23.700	23875	0.034
--	1260-5	27.842	0	0.000
39	DCBP	30.725	191769	0.023

DB608  
 File : i:\conv\_gc\chrom\ec1\nov12\mw5  
 Sample ID : mw5  
 Acquired : Nov 12, 1998 19:43:46

i:\conv\_gc\chrom\ec1\nov12\mw5 -- Channel A



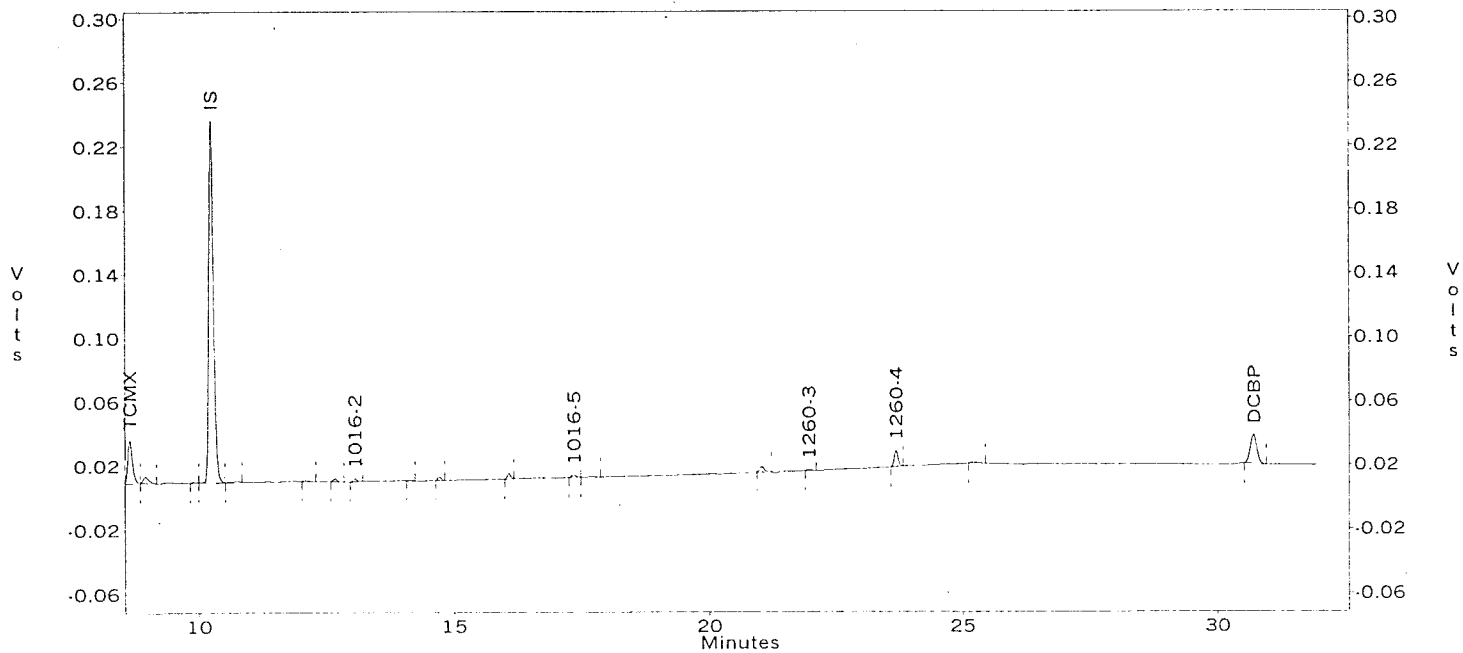
Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
15	TCMX	7.183	97763	0.020
17	IS	8.233	976501	0.000
--	1016-1	9.258	0	0.000
20	1016-2	10.583	21052	0.057
22	1016-2	11.117	5034	0.036
--	1016-4	12.317	0	0.000
26	1016-5	14.375	10909	0.091
--	1260-1	16.258	0	0.000
--	1260-2	17.192	0	0.000
--	1260-3	18.142	0	0.000
--	1260-4	19.367	0	0.000
--	1260-5	20.433	0	0.000
31	DCBP	25.083	141735	0.023

DB1701

File : i:\conv\_gc\chrom\ec1\nov12\mw6f  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : mw6f  
 Acquired : Nov 12, 1998 22:09:09

i:\conv\_gc\chrom\ec1\nov12\mw6f -- Channel B

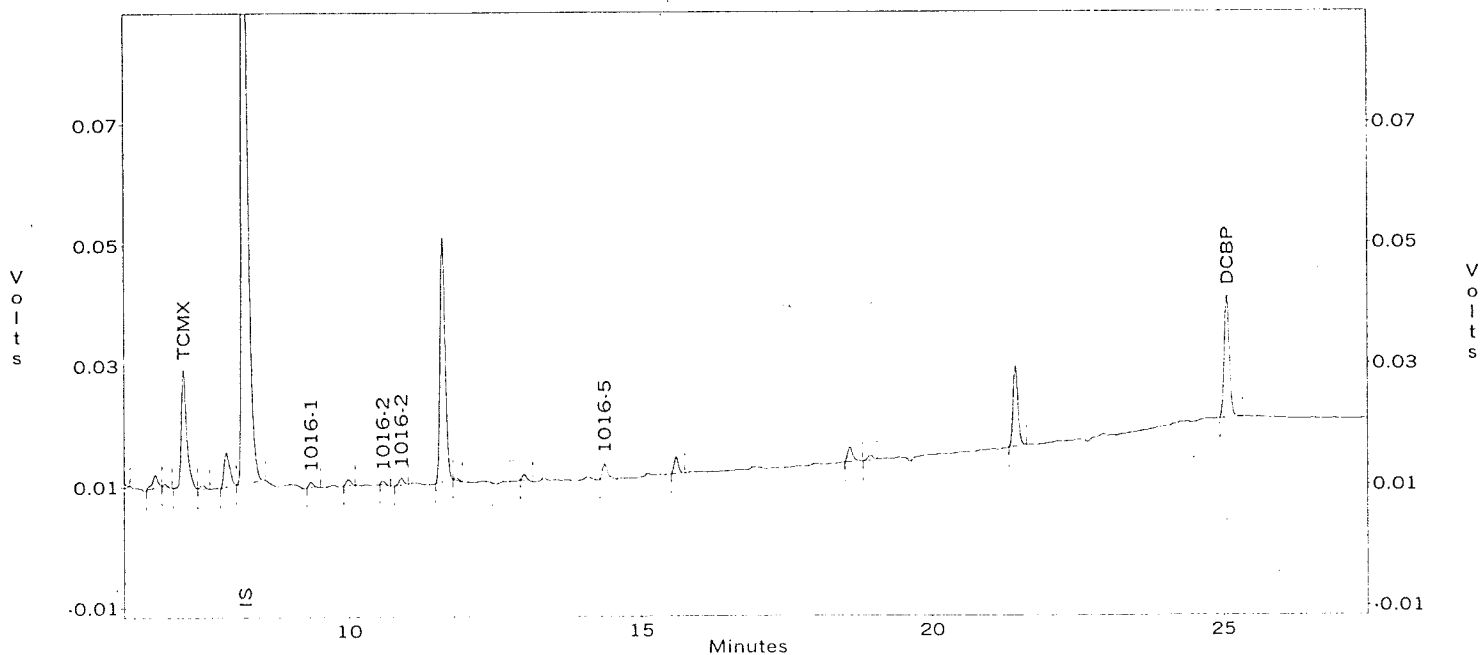


Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
16	TCMX	8.675	161325	0.025
19	IS	10.250	1425825	0.000
--	1016-1	11.717	0	0.000
23	1016-2	13.075	10282	0.018
--	1016-2	13.700	0	0.000
--	1016-4	15.725	0	0.000
27	1016-5	17.325	9298	0.079
--	1260-1	19.708	0	0.000
--	1260-2	20.417	0	0.000
30	1260-3	21.958	2911	0.006
31	1260-4	23.692	53027	0.080
--	1260-5	27.842	0	0.000
33	DCBP	30.717	165567	0.022

DB608  
 File : i:\conv\_gc\chrom\ec1\nov12\mw6f  
 Sample ID : mw6f  
 Acquired : Nov 12, 1998 22:09:09

i:\conv\_gc\chrom\ec1\nov12\mw6f -- Channel A



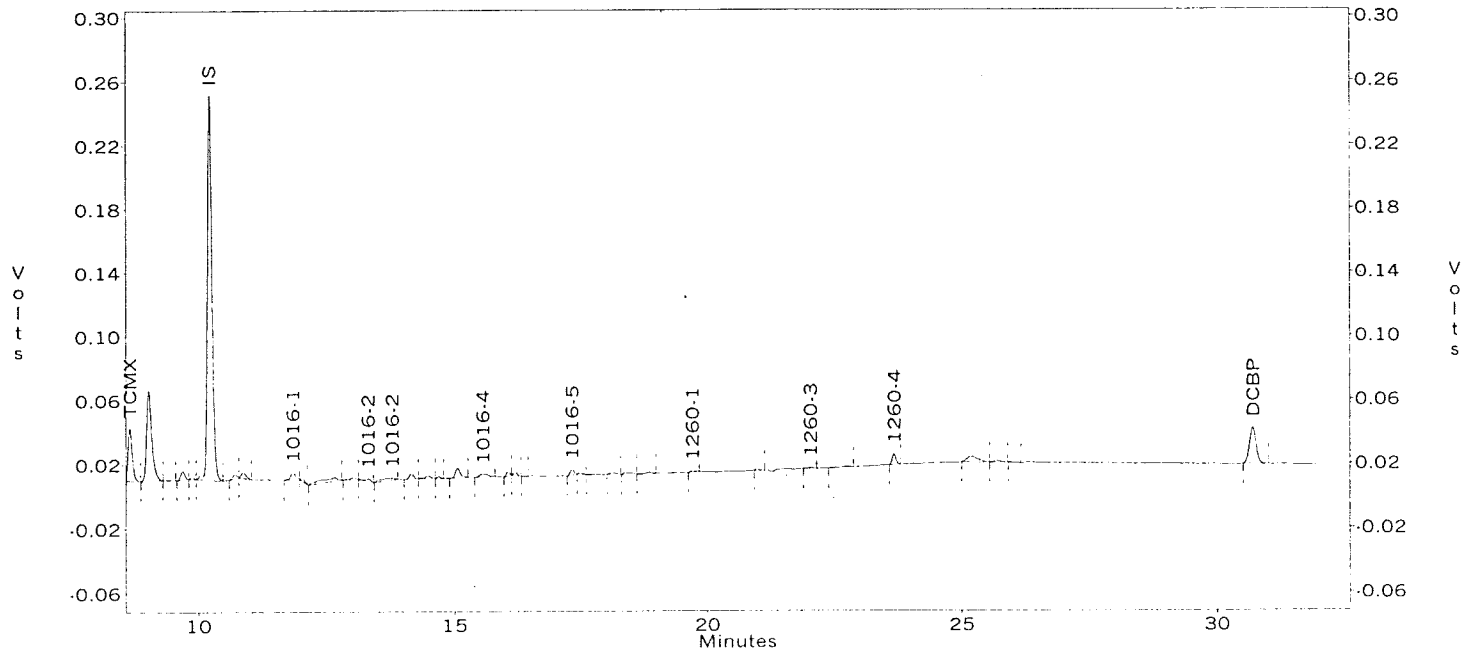
Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
13	TCMX	7.175	123790	0.027
16	IS	8.225	929583	0.000
17	1016-1	9.367	4584	0.020
19	1016-2	10.575	2682	0.008
20	1016-2	10.883	6302	0.047
--	1016-4	12.317	0	0.000
24	1016-5	14.358	15601	0.137
--	1260-1	16.258	0	0.000
--	1260-2	17.192	0	0.000
--	1260-3	18.142	0	0.000
--	1260-4	19.367	0	0.000
--	1260-5	20.433	0	0.000
29	DCBP	25.075	128438	0.022

DB1701

File : i:\conv\_gc\chrom\ec1\nov12\mw6  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : mw6  
 Acquired : Nov 12, 1998 23:21:53

i:\conv\_gc\chrom\ec1\nov12\mw6 -- Channel B

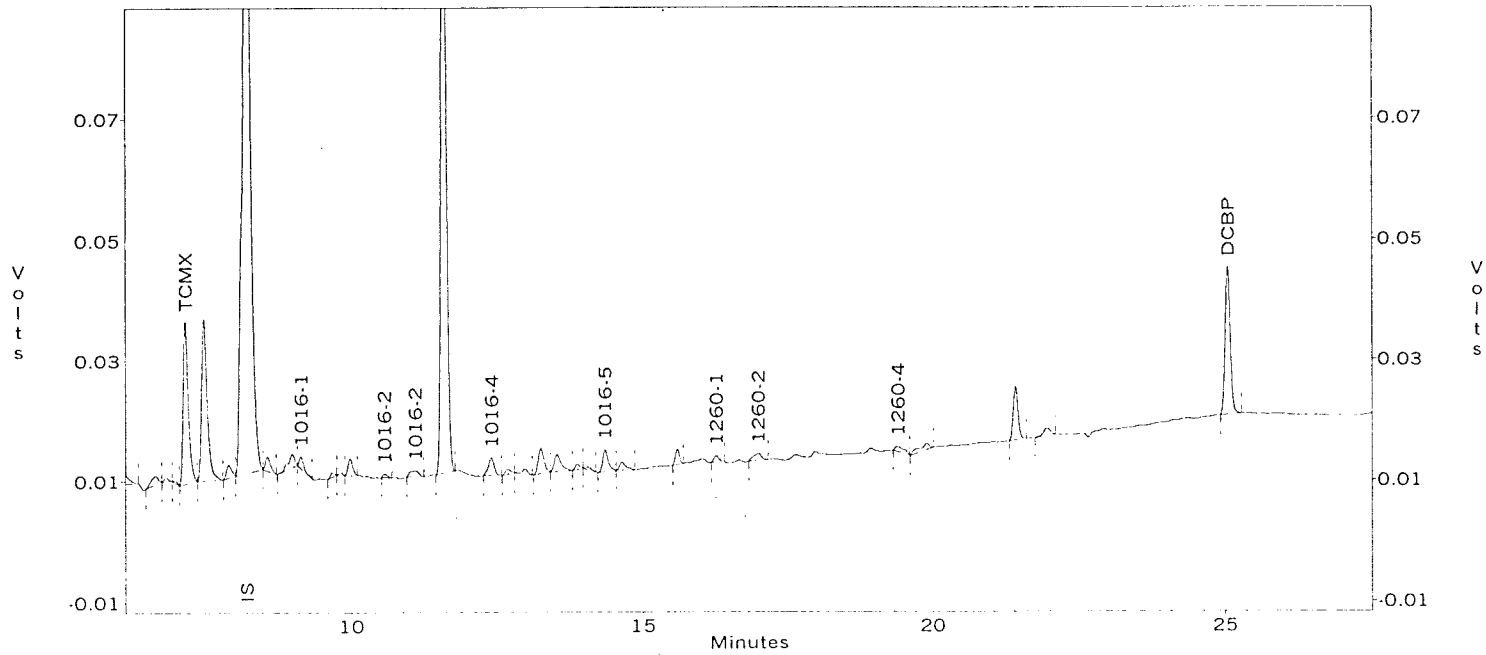


Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
17	TCMX	8.658	185829	0.028
22	IS	10.233	1476732	0.000
25	1016-1	11.867	29257	0.099
29	1016-2	13.333	13997	0.024
30	1016-2	13.808	28333	0.113
35	1016-4	15.558	18560	0.107
39	1016-5	17.308	18806	0.155
45	1260-1	19.708	4883	0.015
--	1260-2	20.417	0	0.000
47	1260-3	22.042	5432	0.011
49	1260-4	23.683	33602	0.049
--	1260-5	27.842	0	0.000
53	DCBP	30.700	205683	0.026

DB608  
 File : i:\conv\_gc\chrom\ec1\nov12\mw6  
 Sample ID : mw6  
 Acquired : Nov 12, 1998 23:21:53

i:\conv\_gc\chrom\ec1\nov12\mw6 -- Channel A



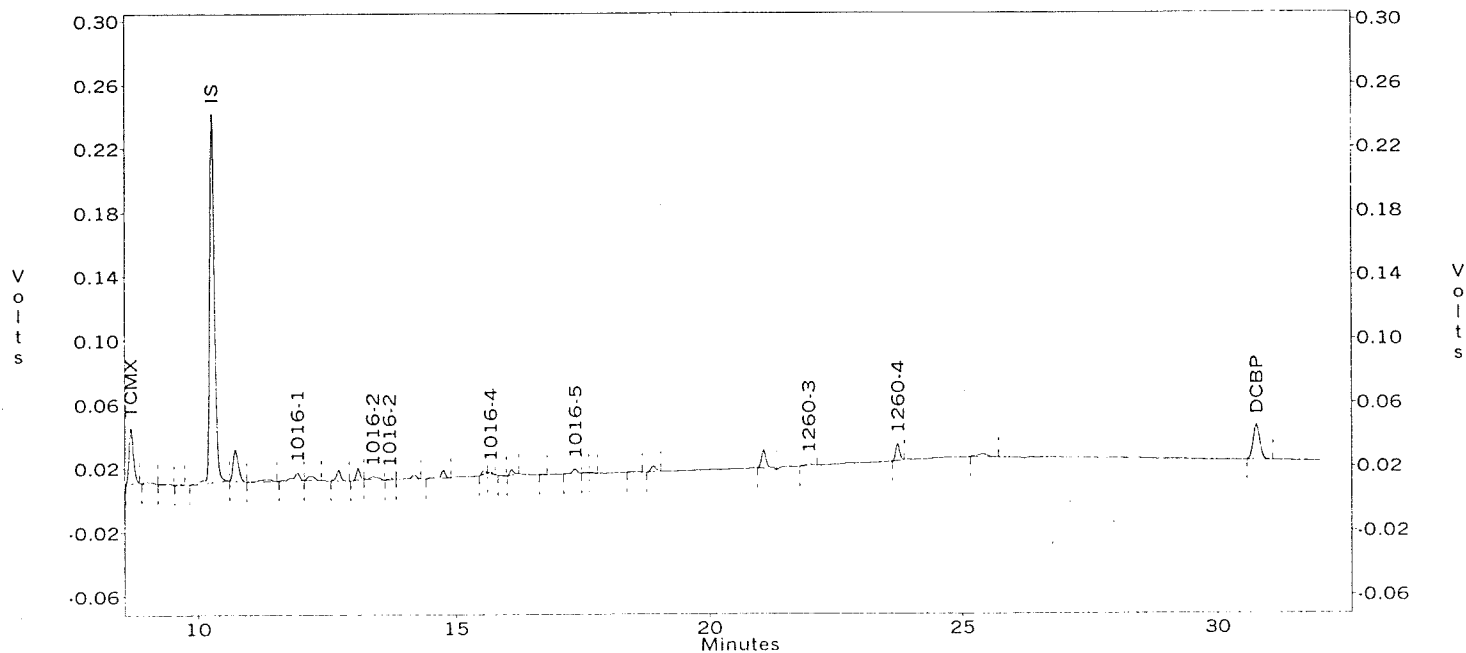
Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
13	TCMX	7.167	156199	0.025
16	IS	8.208	1247516	0.000
19	1016-1	9.150	9866	0.031
23	1016-2	10.567	2702	0.006
24	1016-2	11.083	10758	0.060
26	1016-4	12.383	19976	0.088
33	1016-5	14.342	23448	0.153
36	1260-1	16.267	5925	0.019
37	1260-2	16.992	10717	0.020
--	1260-3	18.142	0	0.000
38	1260-4	19.408	9782	0.055
--	1260-5	20.433	0	0.000
42	DCBP	25.058	155694	0.019

DB1701

File : i:\conv\_gc\chrom\ec1\nov12\mw7f  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : mw7f  
 Acquired : Nov 12, 1998 18:31:04

i:\conv\_gc\chrom\ec1\nov12\mw7f -- Channel B



Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
20	TCMX	8.700	203234	0.030
24	IS	10.275	1475570	0.000
27	1016-1	11.933	46200	0.156
31	1016-2	13.383	20889	0.035
32	1016-2	13.708	6591	0.026
36	1016-4	15.683	5116	0.030
40	1016-5	17.350	19370	0.160
--	1260-1	19.708	0	0.000
--	1260-2	20.417	0	0.000
46	1260-3	21.958	9532	0.019
47	1260-4	23.725	55360	0.081
--	1260-5	27.842	0	0.000
49	DCBP	30.767	202202	0.025



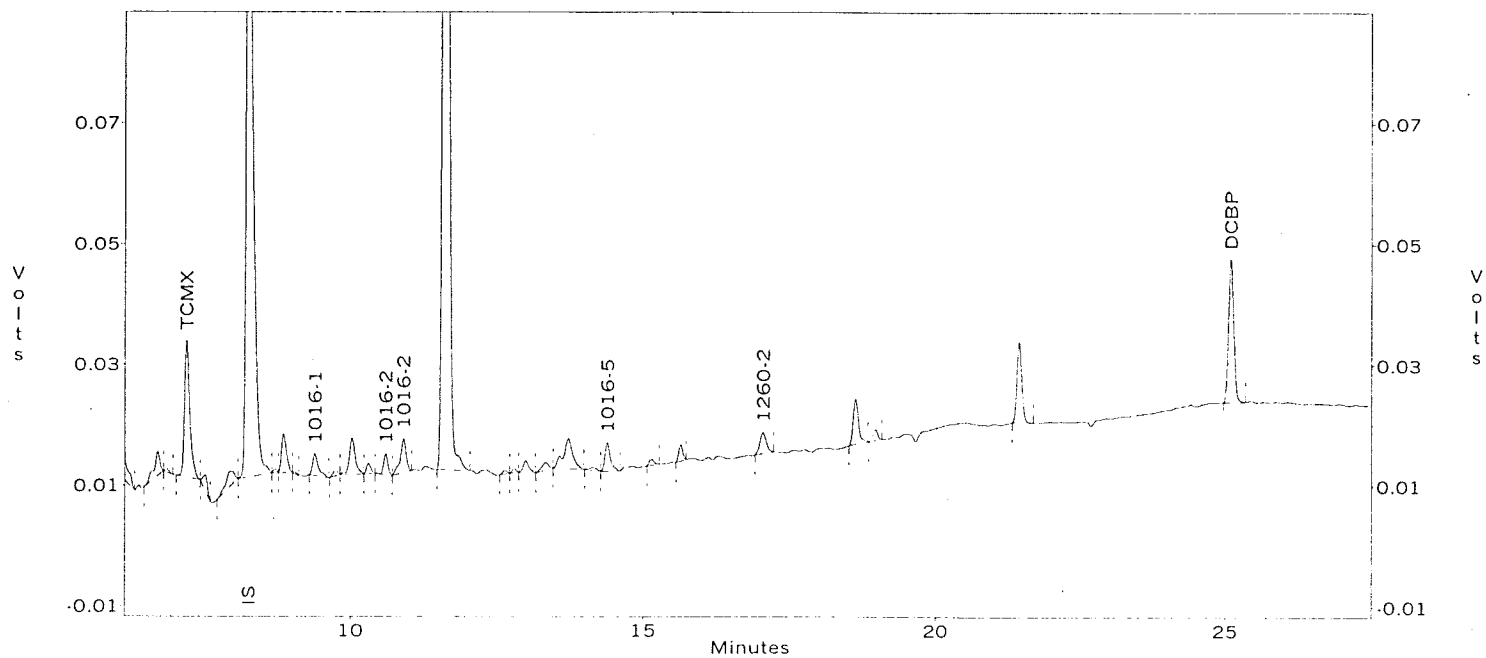
DB608

File : i:\conv\_gc\chrom\ec1\nov12\mw7f

Sample ID : mw7f

Acquired : Nov 12, 1998 18:31:04

i:\conv\_gc\chrom\ec1\nov12\mw7f -- Channel A

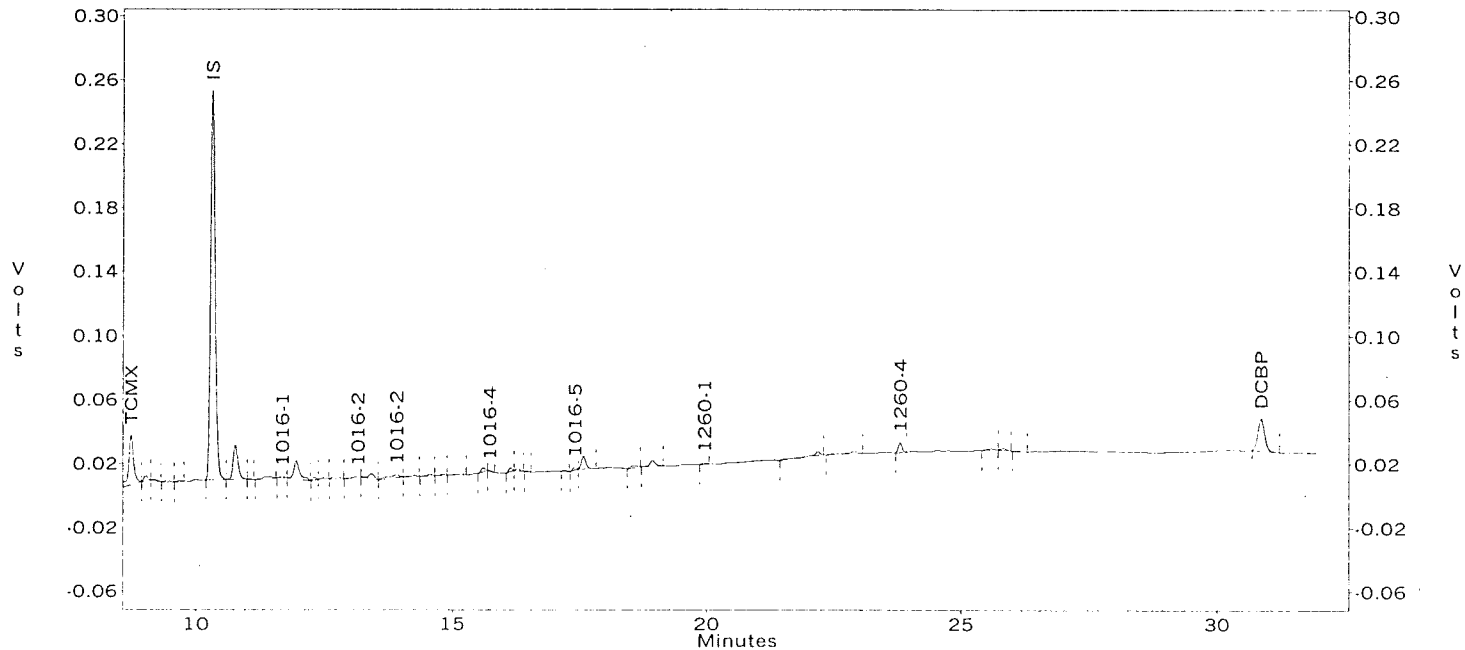


## Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
14	TCMX	7.200	139308	0.028
17	IS	8.250	997187	0.000
21	1016-1	9.400	24545	0.097
25	1016-2	10.608	17633	0.046
26	1016-2	10.908	39279	0.276
--	1016-4	12.317	0	0.000
34	1016-5	14.392	31286	0.255
--	1260-1	16.258	0	0.000
37	1260-2	17.050	26291	0.060
--	1260-3	18.142	0	0.000
--	1260-4	19.367	0	0.000
--	1260-5	20.433	0	0.000
41	DCBP	25.108	150823	0.024

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov12\mw7  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : mw7  
 Acquired : Nov 12, 1998 16:05:47

i:\conv\_gc\chrom\ec1\nov12\mw7 -- Channel B



Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
17	TCMX	8.742	240122	0.035
22	IS	10.325	1489163	0.000
26	1016-1	11.675	4285	0.014
31	1016-2	13.158	4511	0.008
33	1016-2	13.908	28921	0.115
39	1016-4	15.742	2466	0.014
44	1016-5	17.425	8523	0.070
48	1260-1	19.958	5024	0.016
--	1260-2	20.417	0	0.000
--	1260-3	21.708	0	0.000
51	1260-4	23.792	32121	0.047
--	1260-5	27.842	0	0.000
55	DCBP	30.875	192138	0.024

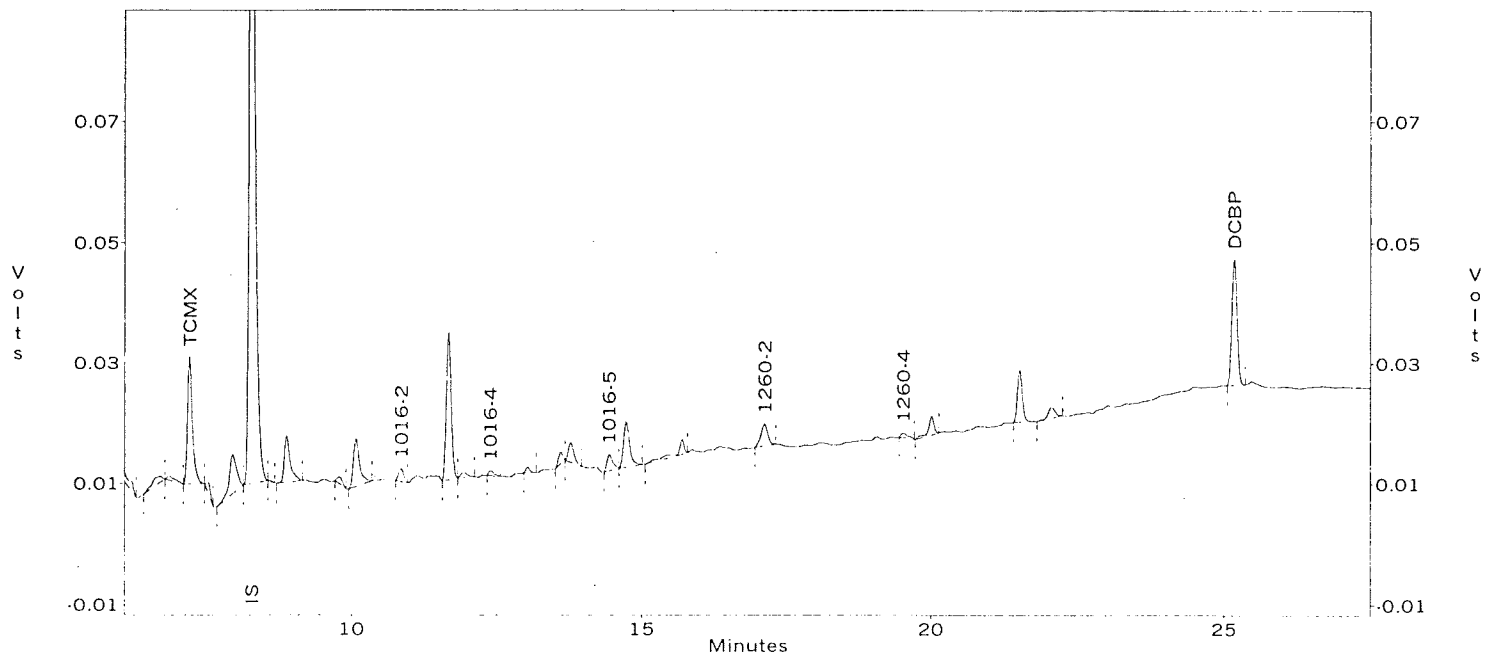
DB608

File : i:\conv\_gc\chrom\ec1\nov12\mw7

Sample ID : mw7

Acquired : Nov 12, 1998 16:05:47

i:\conv\_gc\chrom\ec1\nov12\mw7 -- Channel A

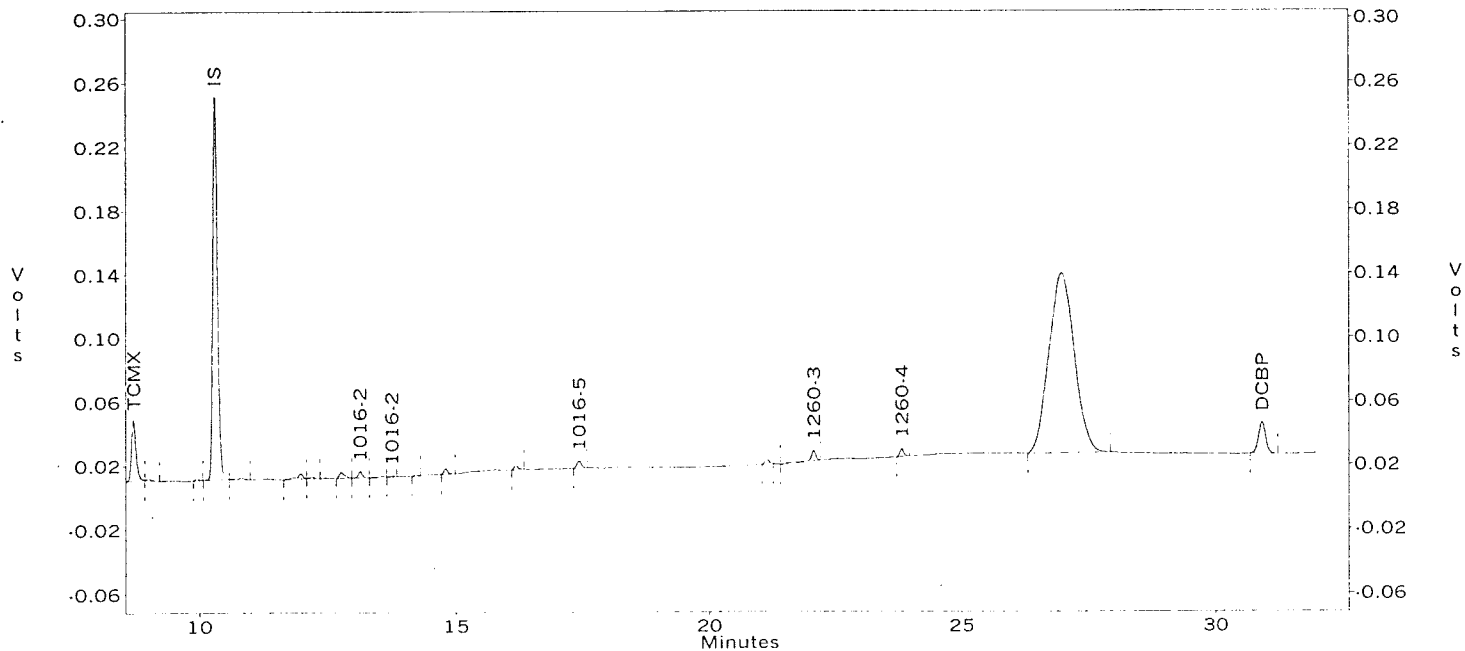


## Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
14	TCMX	7.242	123674	0.026
17	IS	8.292	950146	0.000
--	1016-1	9.258	0	0.000
22	1016-2	10.850	12579	0.035
--	1016-2	11.075	0	0.000
25	1016-4	12.392	5043	0.029
29	1016-5	14.442	18024	0.154
--	1260-1	16.258	0	0.000
32	1260-2	17.108	29302	0.070
--	1260-3	18.142	0	0.000
33	1260-4	19.525	6865	0.051
--	1260-5	20.433	0	0.000
37	DCBP	25.183	130660	0.021

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov12\mw8f  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : mw8f,11104-14  
 Acquired : Nov 12, 1998 15:29:31

i:\conv\_gc\chrom\ec1\nov12\mw8f -- Channel B



Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
20	TCMX	8.733	225937	0.033
23	IS	10.308	1502272	0.000
--	1016-1	11.717	0	0.000
28	1016-2	13.142	22709	0.038
30	1016-2	13.758	3306	0.013
--	1016-4	15.725	0	0.000
34	1016-5	17.400	28818	0.234
--	1260-1	19.708	0	0.000
--	1260-2	20.417	0	0.000
37	1260-3	22.067	49825	0.097
38	1260-4	23.808	26766	0.039
--	1260-5	27.842	0	0.000
40	DCBP	30.917	189740	0.023

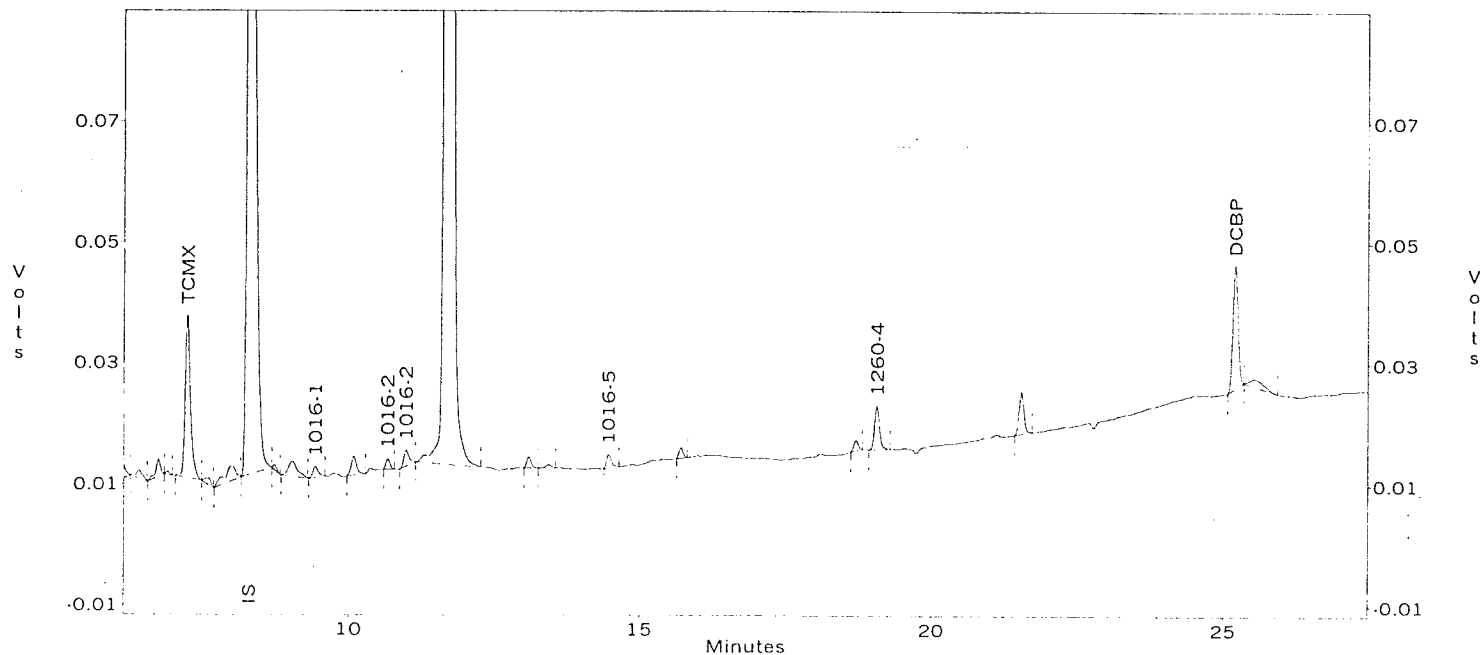
DB608

File : i:\conv\_gc\chrom\ec1\nov12\mw8f

Sample ID : mw8f,11104-14

Acquired : Nov 12, 1998 15:29:31

i:\conv\_gc\chrom\ec1\nov12\mw8f -- Channel A



## Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
17	TCMX	7.242	167146	0.025
20	IS	8.300	1328157	0.000
23	1016-1	9.442	11260	0.034
25	1016-2	10.658	8549	0.017
26	1016-2	10.967	16213	0.085
--	1016-4	12.317	0	0.000
30	1016-5	14.458	13312	0.082
--	1260-1	16.258	0	0.000
--	1260-2	17.192	0	0.000
--	1260-3	18.142	0	0.000
33	1260-4	19.067	43183	0.229
--	1260-5	20.433	0	0.000
35	DCBP	25.217	127896	0.015

DB1701

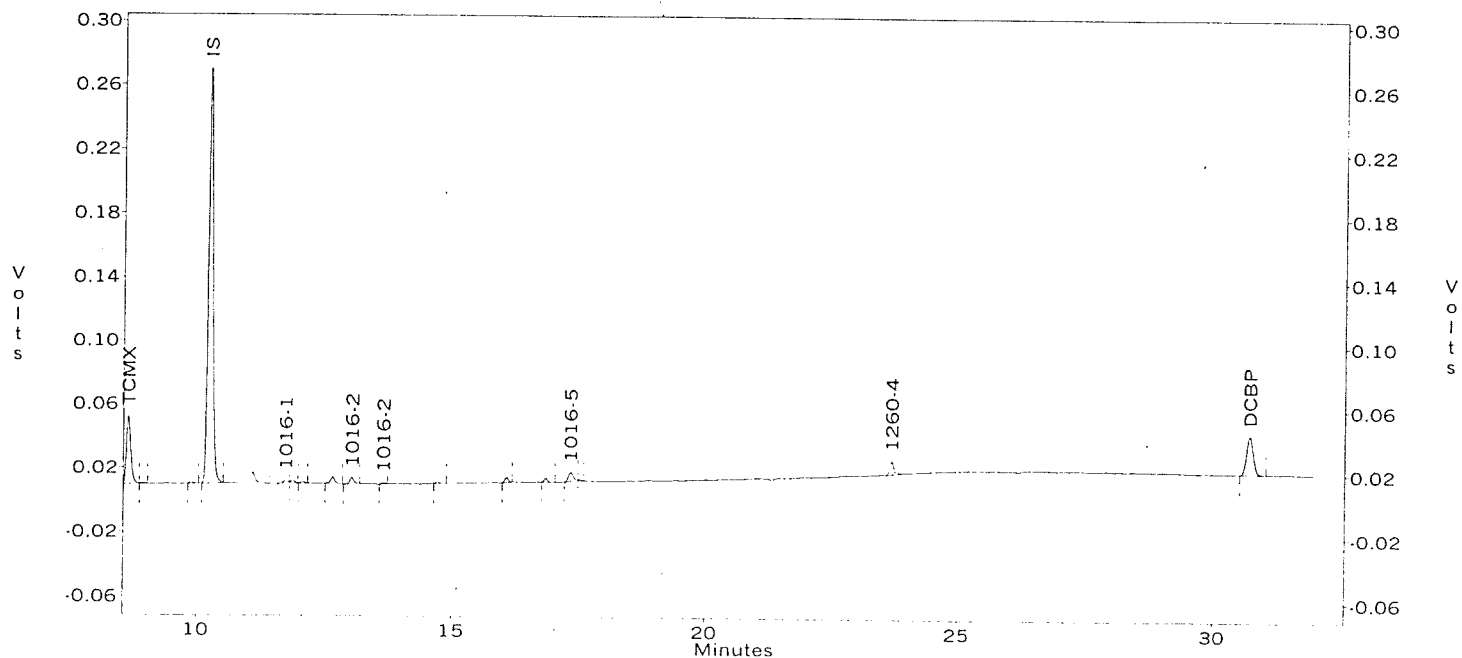
File : i:\conv\_gc\chrom\ec1\nov12\mw8

Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met

Sample ID : mw8

Acquired : Nov 12, 1998 20:20:07

i:\conv\_gc\chrom\ec1\nov12\mw8 -- Channel B



## Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
16	TCMX	8.675	246710	0.034
19	IS	10.250	1613330	0.000
21	1016-1	11.767	6799	0.021
25	1016-2	13.075	20692	0.032
26	1016-2	13.683	3429	0.013
--	1016-4	15.725	0	0.000
30	1016-5	17.333	34548	0.261
--	1260-1	19.708	0	0.000
--	1260-2	20.417	0	0.000
--	1260-3	21.708	0	0.000
32	1260-4	23.700	42648	0.057
--	1260-5	27.842	0	0.000
33	DCBP	30.733	224686	0.026

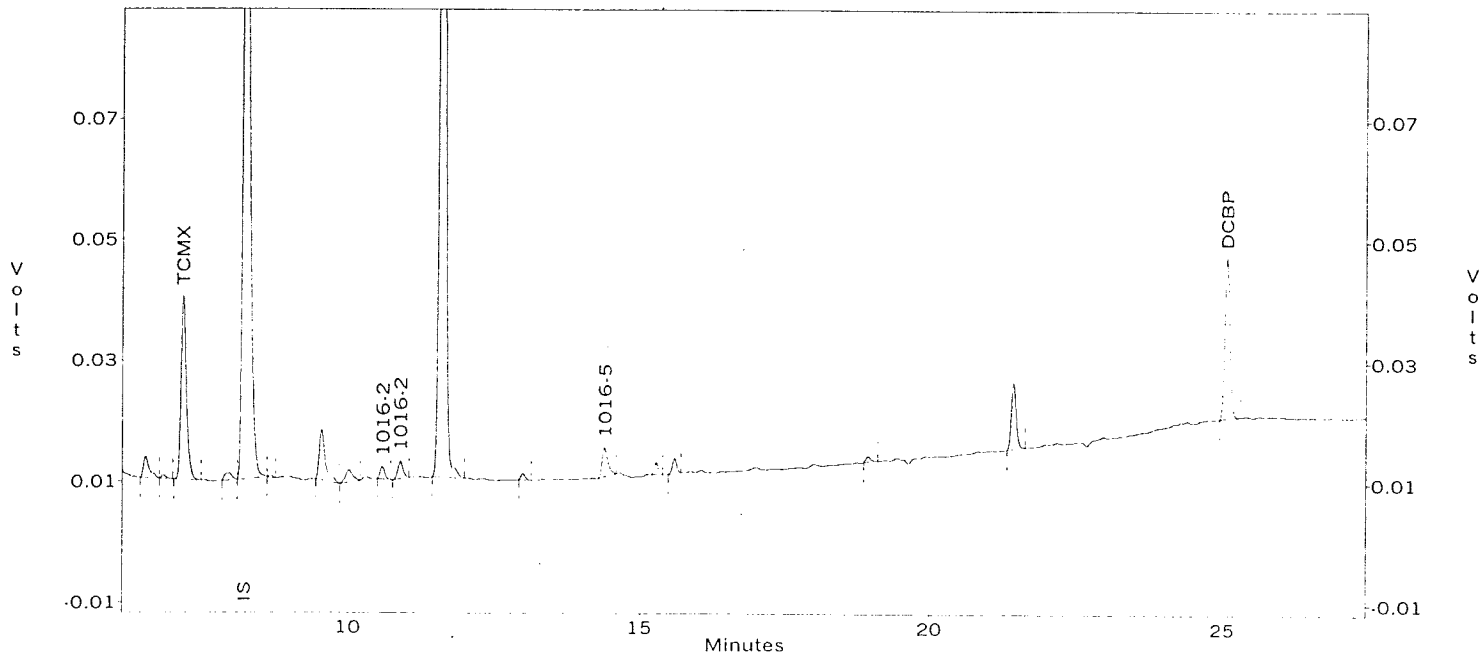
DB608

File : i:\conv\_gc\chrom\ec1\nov12\mw8

Sample ID : mw8

Acquired : Nov 12, 1998 20:20:07

i:\conv\_gc\chrom\ec1\nov12\mw8 -- Channel A



Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
15	TCMX	7.175	187166	0.034
17	IS	8.225	1102905	0.000
--	1016-1	9.258	0	0.000
21	1016-2	10.583	10714	0.026
22	1016-2	10.883	17487	0.111
--	1016-4	12.317	0	0.000
25	1016-5	14.383	35014	0.258
--	1260-1	16.258	0	0.000
--	1260-2	17.192	0	0.000
--	1260-3	18.142	0	0.000
--	1260-4	19.367	0	0.000
--	1260-5	20.433	0	0.000
30	DCBP	25.083	170795	0.024

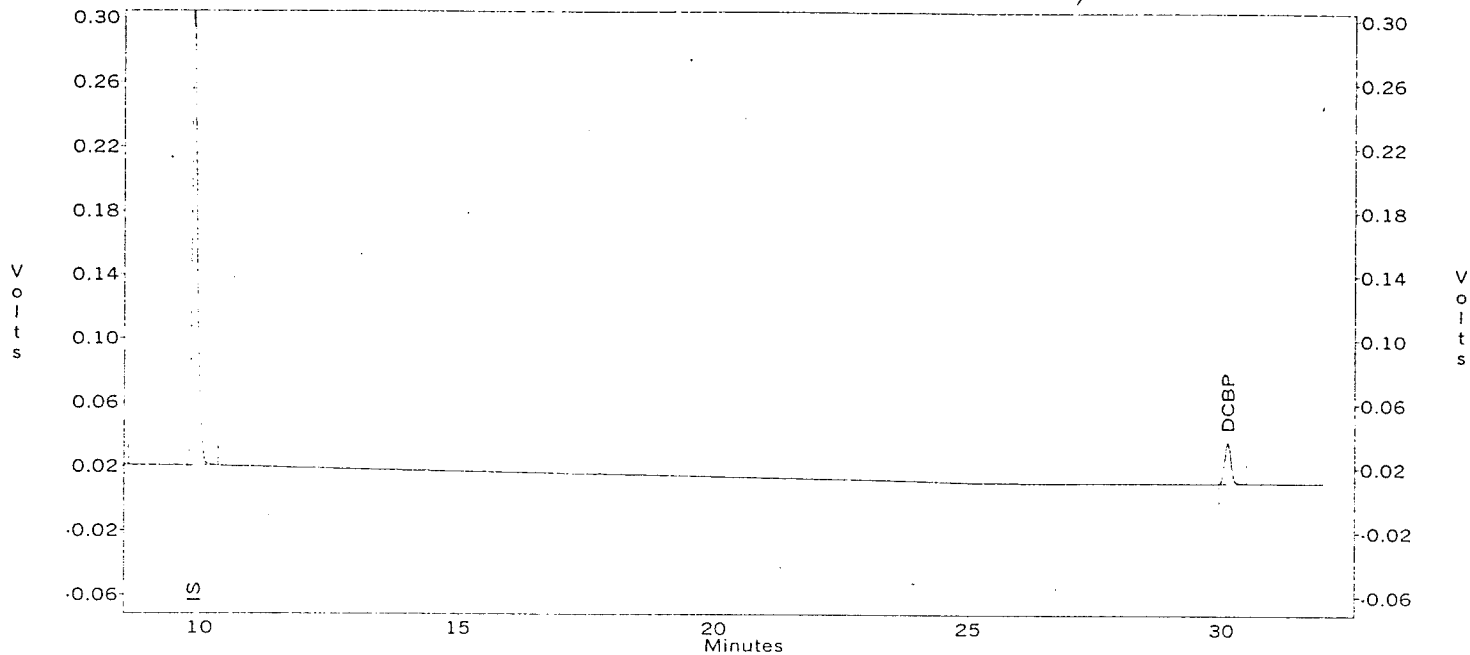
## QC Data



DB1701  
 File : i:\conv\_gc\chrom\ec1\nov06\p671chk  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb36.met  
 Sample ID : p671chk  
 Acquired : Nov 06, 1998 21:26:15

*Assay  
 for Seche  
 surrogate 671*

i:\conv\_gc\chrom\ec1\nov06\p671chk -- Channel B



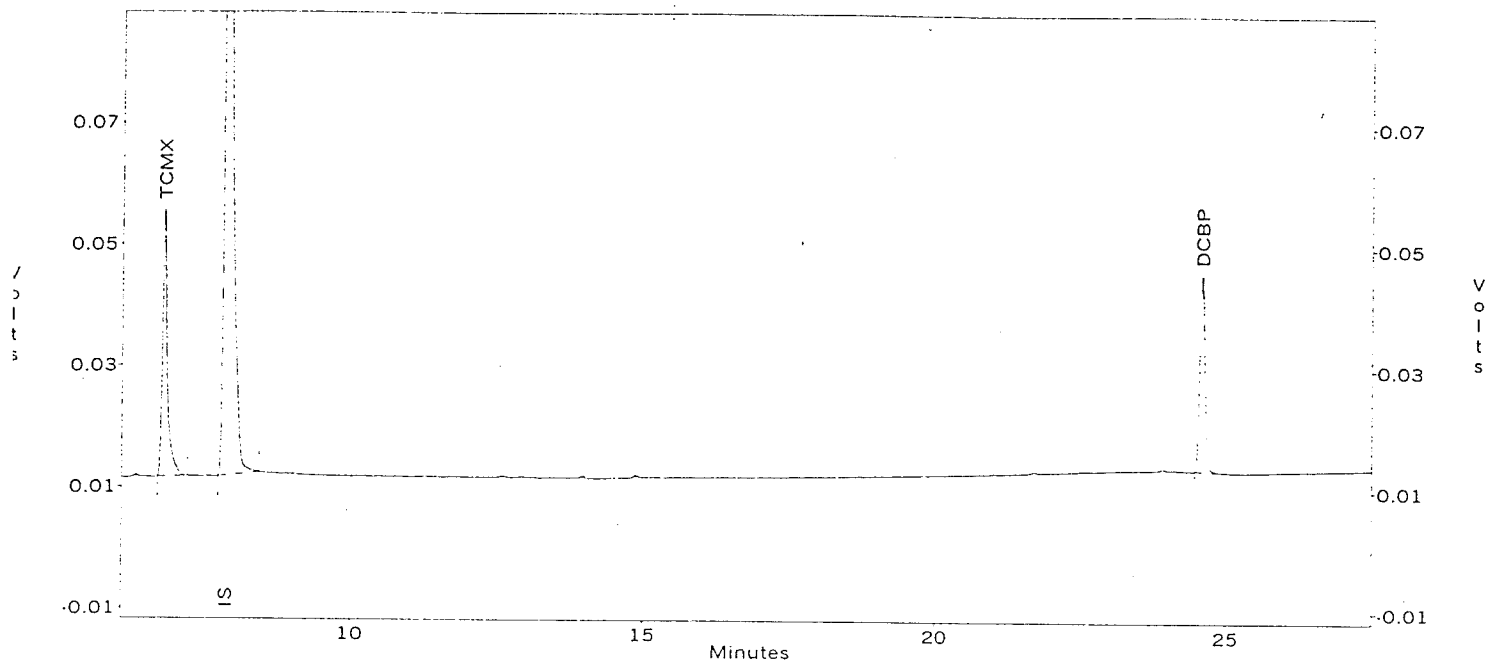
Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
1	TCMX	8.342	285117	0.033
2	IS	9.892	1891501	0.000
--	1016-2	12.717	0	0.000
--	1016-3	13.175	0	0.000
--	1016-1	14.750	0	0.000
--	1016-4	15.175	0	0.000
--	1016-5	16.833	0	0.000
--	1260-1	19.133	0	0.000
--	1260-2	19.850	0	0.000
--	1260-3	21.133	0	0.000
--	1260-4	23.375	0	0.000
3	DCBP	30.117	226781	0.021

DB608  
 File : i:\conv\_gc\chrom\ec1\nov06\p671chk  
 Sample ID : p671chk  
 Acquired : Nov 06, 1998 21:26:15

*Assay for sumoalp spike 671*

i:\conv\_gc\chrom\ec1\nov06\p671chk -- Channel A



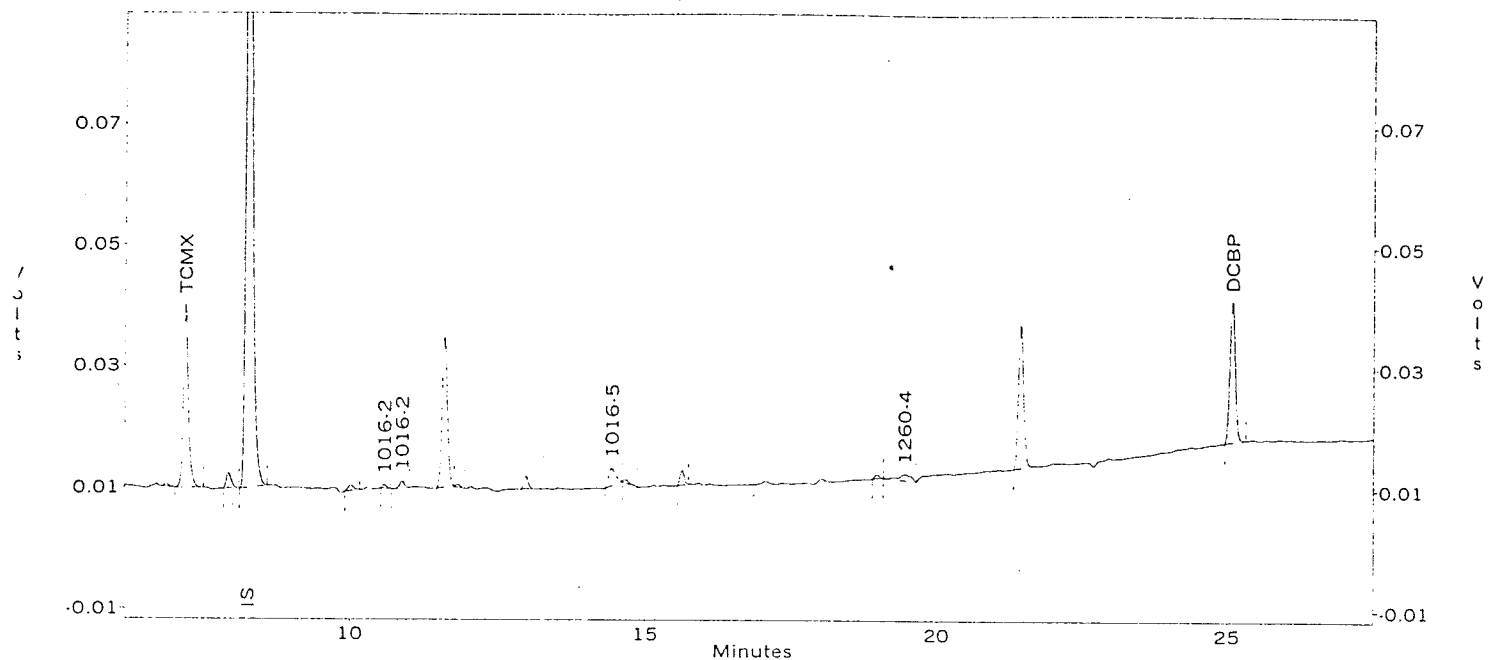
Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
1	TCMX	6.867	250640	0.034
2	IS	7.892	1541529	0.000
--	1016-1	8.767	0	0.000
--	1016-3	10.125	0	0.000
--	1016-2	11.783	0	0.000
--	1016-5	13.775	0	0.000
--	1260-1	15.658	0	0.000
--	1260-2	16.583	0	0.000
--	1260-3	17.525	0	0.000
--	1260-5	19.800	0	0.000
3	DCBP	24.592	195908	0.022

DB608  
 File : i:\conv\_gc\chrom\ec1\nov12\bw11\_9  
 Sample ID : bw11\_9  
 Acquired : Nov 13, 1998 01:47:16

*Method  
 Blank  
 1/19*

i:\conv\_gc\chrom\ec1\nov12\bw11\_9 -- Channel A



Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
11	TCMX	7.183	172909	0.032
13	IS	8.233	1080370	0.000
--	<del>1016-1</del>	<del>9.258</del>	<del>0</del>	<del>0.000</del>
15	<del>1016-2</del>	<del>10.583</del>	<del>2794</del>	<del>0.007</del>
16	<del>1016-2</del>	<del>10.883</del>	<del>6865</del>	<del>0.044</del>
--	<del>1016-4</del>	<del>12.317</del>	<del>0</del>	<del>0.000</del>
20	<del>1016-5</del>	<del>14.417</del>	<del>23417</del>	<del>0.176</del>
--	<del>1260-1</del>	<del>16.258</del>	<del>0</del>	<del>0.000</del>
--	<del>1260-2</del>	<del>17.192</del>	<del>0</del>	<del>0.000</del>
--	<del>1260-3</del>	<del>18.142</del>	<del>0</del>	<del>0.000</del>
24	<del>1260-4</del>	<del>19.442</del>	<del>16977</del>	<del>0.111</del>
--	<del>1260-5</del>	<del>20.433</del>	<del>0</del>	<del>0.000</del>
26	DCBP	25.092	147295	0.021

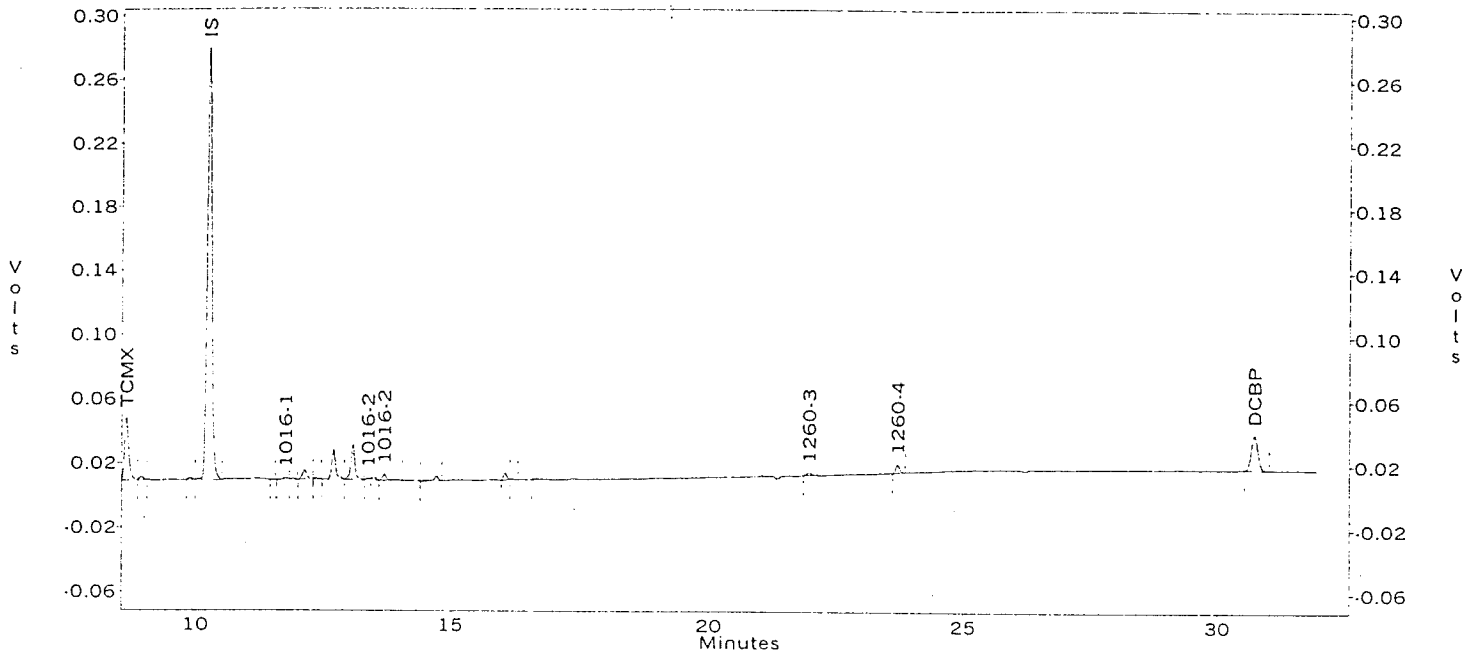
*-94%*

*-95*

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov12\bw11\_10  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : bw11\_10  
 Acquired : Nov 13, 1998 01:10:56

*Method Blank  
 1/10*

i:\conv\_gc\chrom\ec1\nov12\bw11\_10 -- Channel B



Channel B Results

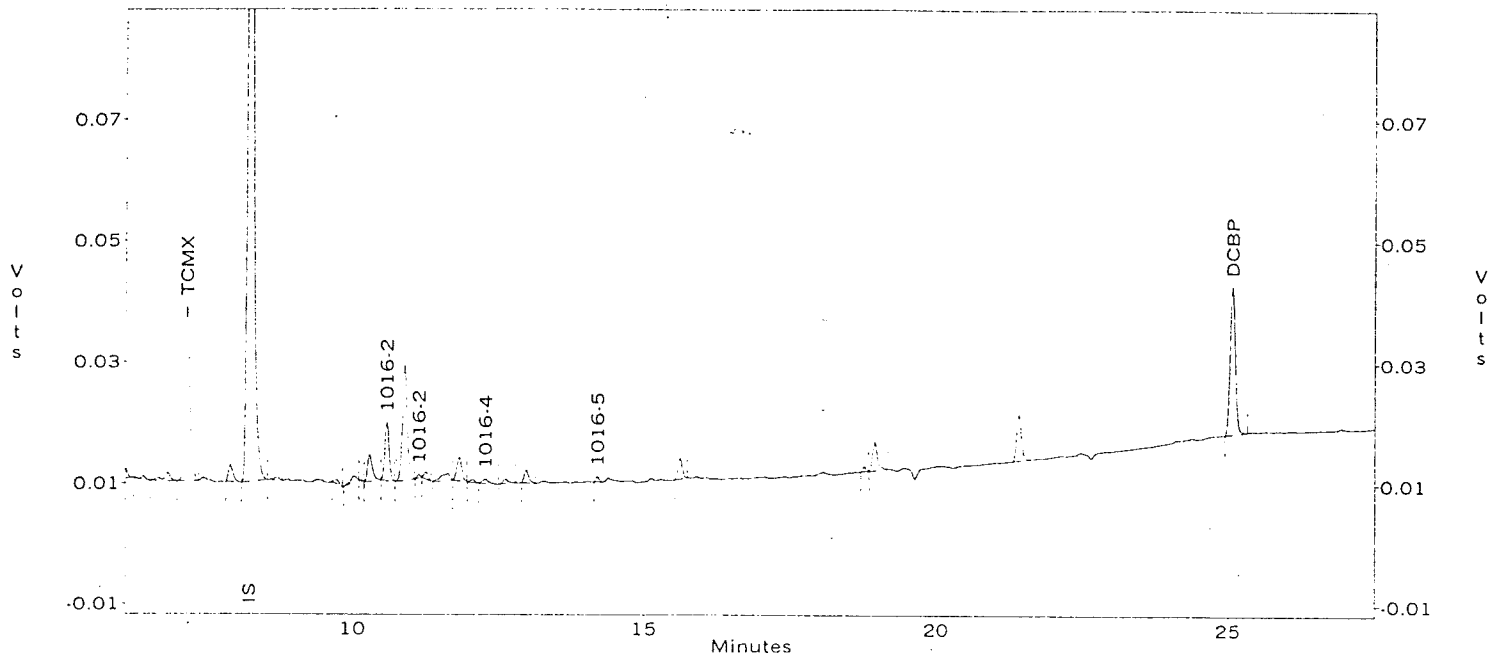
PEAK #	ANALYTE	RT	AREA	ug/ml
19	TCMX	8.675	213376	0.029
23	IS	10.250	1622431	0.000
25	1016-1	11.750	5670	0.017
31	1016-2	13.367	2592	0.004
33	1016-2	13.683	19433	0.071
--	1016-4	15.725	0	0.000
--	1016-5	17.383	0	0.000
--	1260-1	19.708	0	0.000
--	1260-2	20.417	0	0.000
40	1260-3	21.925	9980	0.018
41	1260-4	23.700	27534	0.037
--	1260-5	27.842	0	0.000
42	DCBP	30.733	201173	0.023

*88* (handwritten next to 0.029)  
*109* (handwritten next to 0.023)

DB608  
 File : i:\conv\_gc\chrom\ec1\nov12\bw11\_10  
 Sample ID : bw11\_10  
 Acquired : Nov 13, 1998 01:10:56

*Method  
 Blank  
 11/10*

i:\conv\_gc\chrom\ec1\nov12\bw11\_10 -- Channel A



Channel A Results

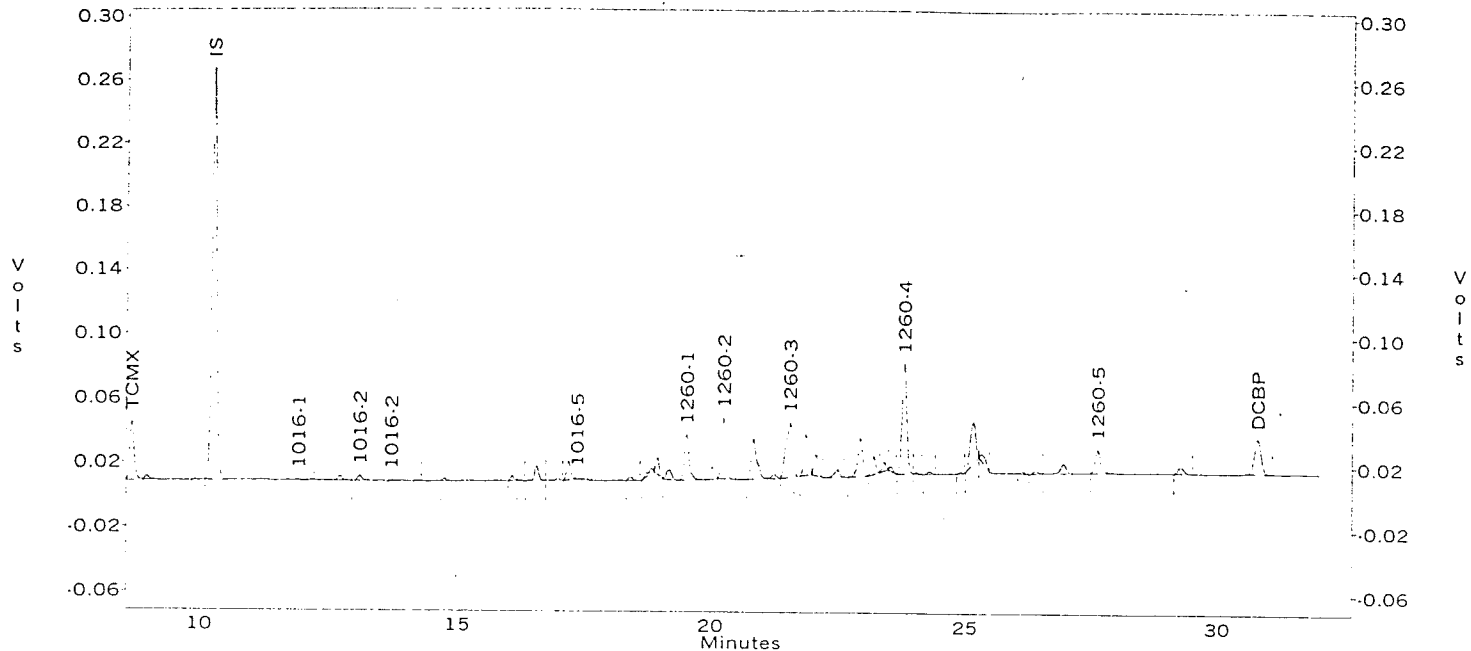
PEAK #	ANALYTE	RT	AREA	ug/ml
16	TCMX	7.175	162517	0.031
18	IS	8.225	1068346	0.000
--	1016-1	9.258	0	0.000
24	1016-2	10.575	48391	0.119
26	1016-2	11.125	2133	0.014
31	1016-4	12.267	5913	0.030
34	1016-5	14.183	3849	0.029
--	1260-1	16.258	0	0.000
--	1260-2	17.192	0	0.000
--	1260-3	18.142	0	0.000
--	1260-4	19.367	0	0.000
--	1260-5	20.433	0	0.000
39	DCBP	25.083	157396	0.023

*-94*  
  
*-105*

DB1701  
 File : i:\conv\_gc\chrom\lec1\nov12\lcw11\_9  
 Method : i:\conv\_gc\chrom\methods\lec1\8081\pcb37.met  
 Sample ID : lcw11\_9  
 Acquired : Nov 13, 1998 02:23:38

LCS  
 11/9

i:\conv\_gc\chrom\lec1\nov12\lcw11\_9 -- Channel B



Channel B Results

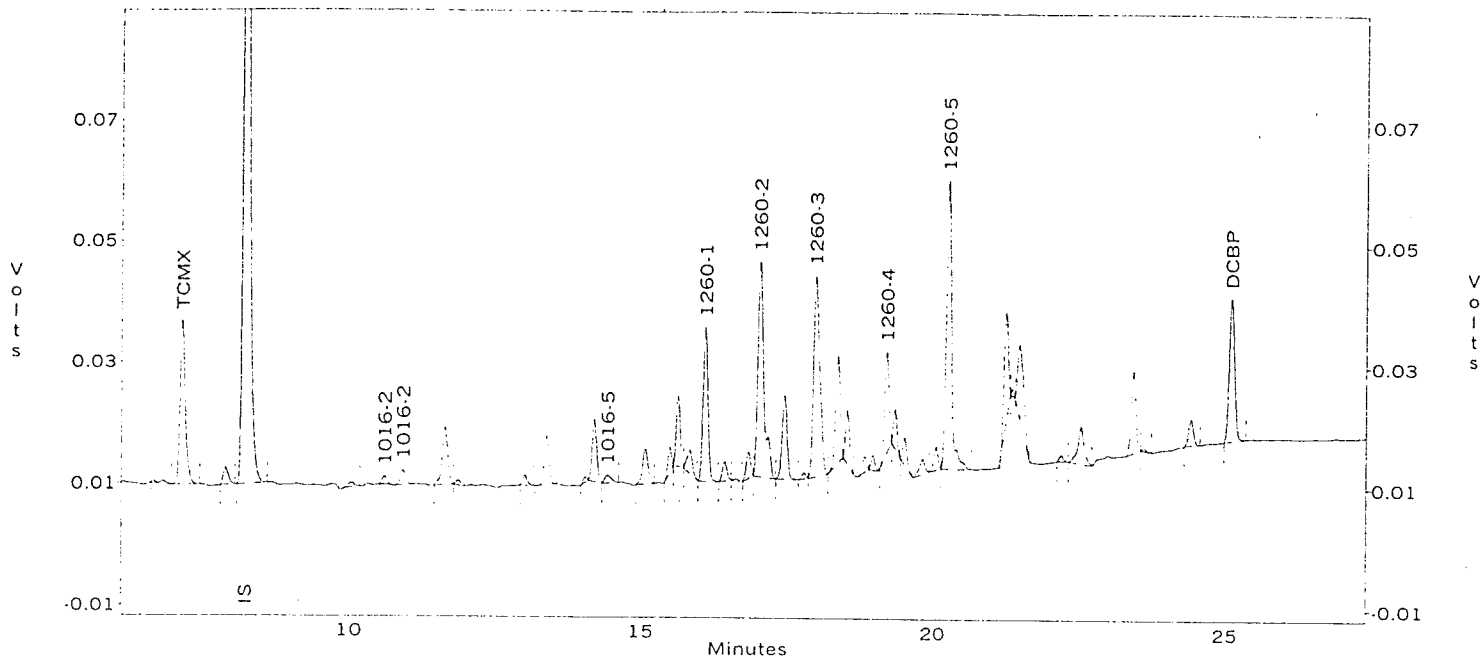
PEAK #	ANALYTE	RT	AREA	ug/ml
14	TCMX	8.683	209607	0.029
18	IS	10.258	1590007	0.000
19	1016-1	11.917	2272	0.007
22	1016-2	13.092	18851	0.030
23	1016-2	13.692	2379	0.009
--	1016-4	15.725	0	0.000
31	1016-5	17.383	5620	0.043
37	1260-1	19.525	180927	0.531
39	1260-2	20.242	218820	0.525
42	1260-3	21.533	301342	0.553
50	1260-4	23.775	445474	0.605
59	1260-5	27.600	109668	0.535
61	DCBP	30.783	197902	0.023

88  
 1100%  
 1109  
 TV=0.5

DB608  
 File : i:\conv\_gc\chrom\ec1\nov12\lcw11\_9  
 Sample ID : lcw11\_9  
 Acquired : Nov 13, 1998 02:23:38

LCJ  
 11/9

i:\conv\_gc\chrom\ec1\nov12\lcw11\_9 -- Channel A



Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
12	TCMX	7.192	163143	0.031
14	IS	8.242	1056115	0.000
--	1016-1	9.258	0	0.000
16	1016-2	10.592	7048	0.018
17	1016-2	10.900	15513	0.103
--	1016-4	12.317	0	0.000
24	1016-5	14.417	10379	0.080
29	1260-1	16.092	146962	0.552
33	1260-2	17.017	257780	0.557
36	1260-3	17.967	249413	0.576
41	1260-4	19.192	84230	0.562
46	1260-5	20.258	300502	0.568
55	DCBP	25.108	152381	0.023

91

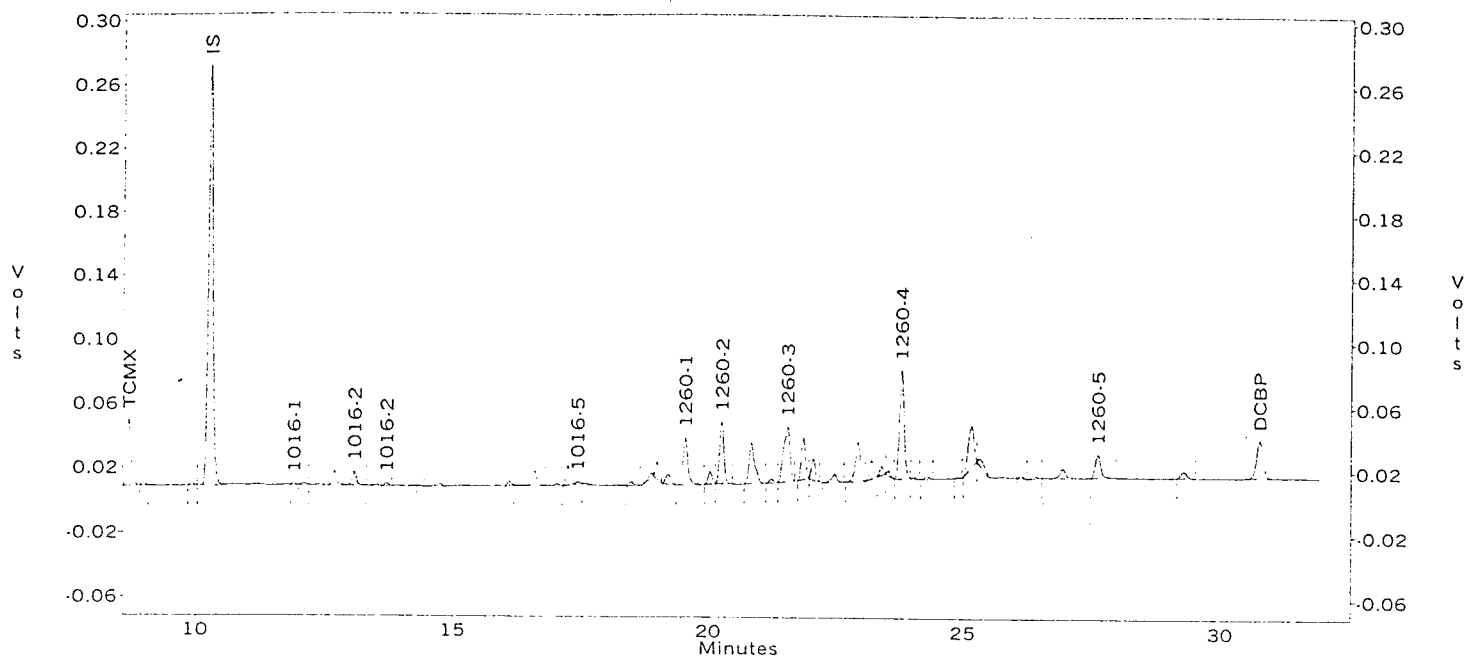
113

105

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov12\lw11\_92  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : lw11\_92  
 Acquired : Nov 13, 1998 02:59:58

*2CS  
 11/4 #2*

i:\conv\_gc\chrom\ec1\nov12\lw11\_92 -- Channel B



Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
15	TCMX	8.700	233449	0.032
19	IS	10.275	1596537	0.000
20	1016-1	11.925	4147	0.013
24	1016-2	13.100	49171	0.077
26	1016-2	13.708	9538	0.035
--	1016-4	15.725	0	0.000
35	1016-5	17.400	7153	0.055
42	1260-1	19.533	185731	0.543
44	1260-2	20.250	222731	0.533
47	1260-3	21.533	302780	0.553
55	1260-4	23.775	432421	0.585
64	1260-5	27.600	113168	0.550
66	DCBP	30.775	219620	0.025

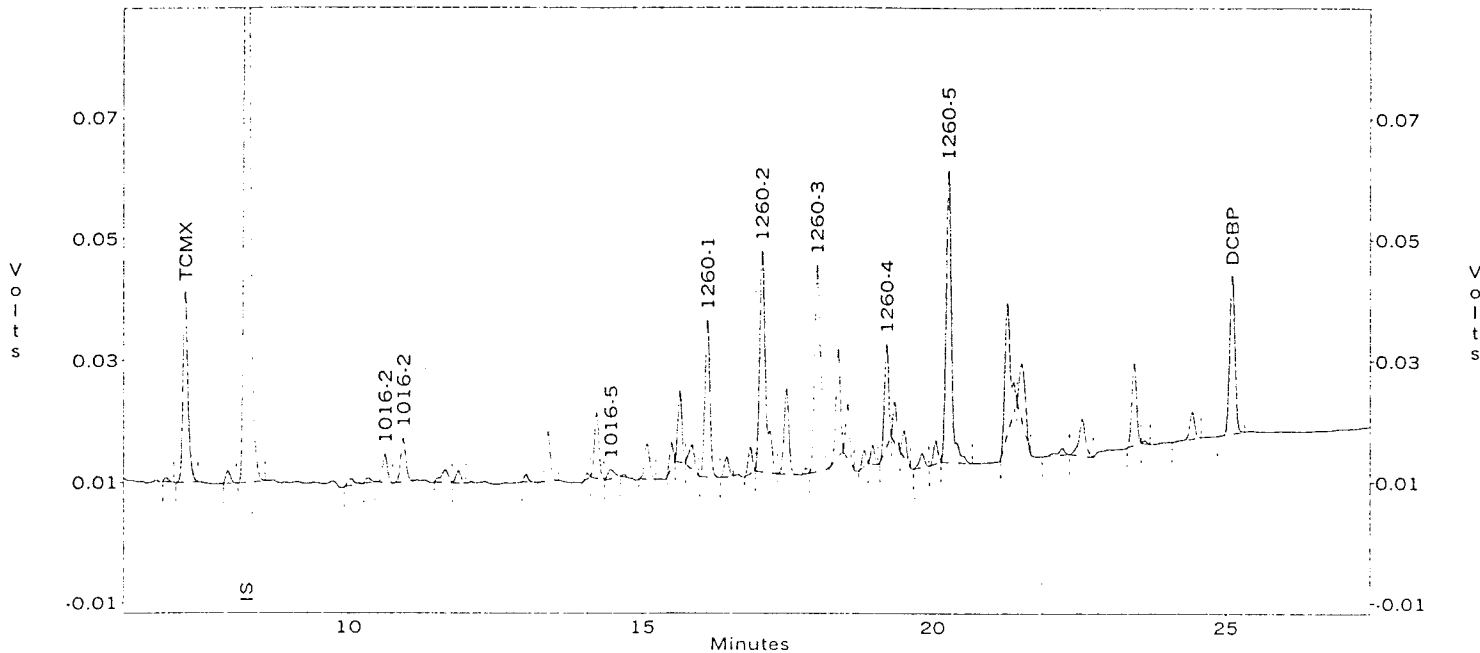
*97*  
*11/4*  
*120*  
*TV = 0.5*



DB608  
 File : i:\conv\_gc\chrom\ec1\nov12\lcw11\_92  
 Sample ID : lcw11\_92  
 Acquired : Nov 13, 1998 02:59:58

*LC)*  
*11/9 #2*

i:\conv\_gc\chrom\ec1\nov12\lcw11\_92 -- Channel A



Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
14	TCMX	7.200	180194	0.034
16	IS	8.250	1059521	0.000
--	1016-1	9.258	0	0.000
19	1016-2	10.600	24999	0.062
20	1016-2	10.908	43711	0.289
--	1016-4	12.317	0	0.000
27	1016-5	14.442	12227	0.094
33	1260-1	16.100	149781	0.561
36	1260-2	17.025	263404	0.567
39	1260-3	17.975	253001	0.582
44	1260-4	19.200	85587	0.570
49	1260-5	20.258	303742	0.573
57	DCBP	25.108	167450	0.025

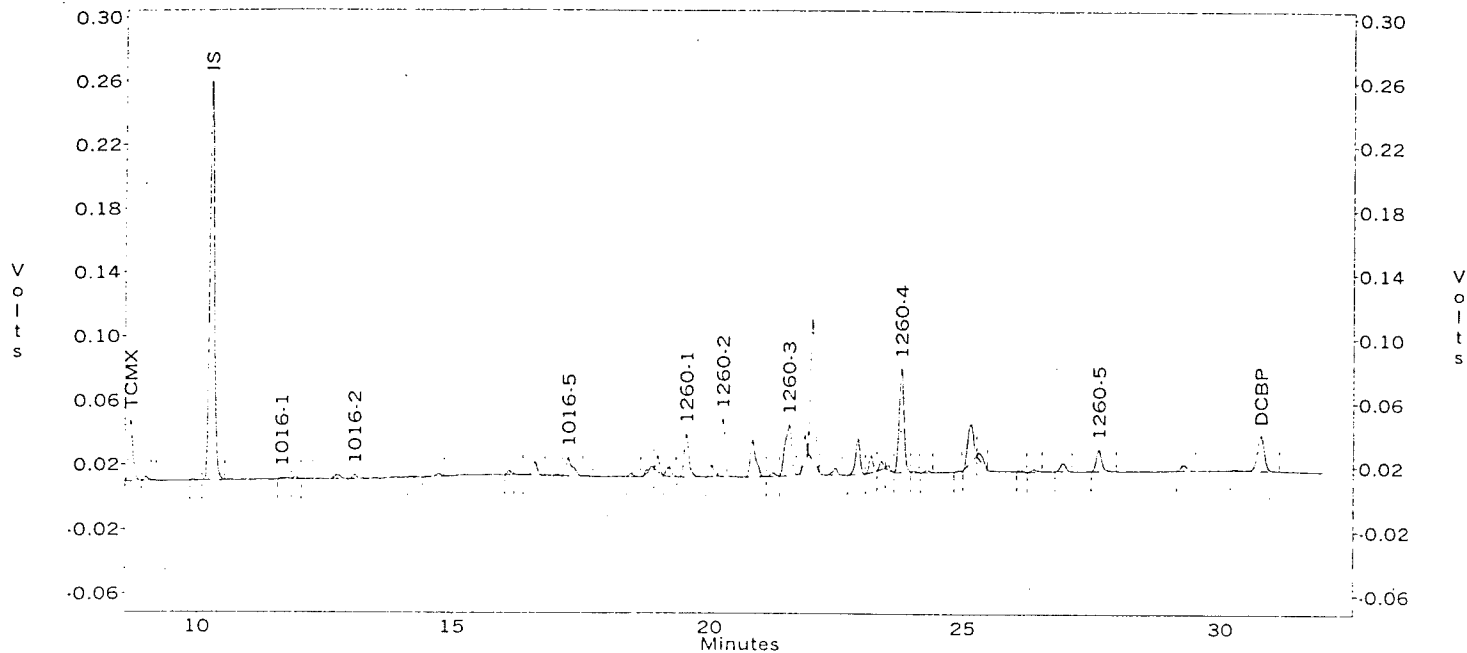
*-100*

*114%*  
*114*

DB1701  
 File : i:\conv\_gc\chrom\ec1\nov12\lcw11\_10  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb37.met  
 Sample ID : lcw11\_10  
 Acquired : Nov 13, 1998 03:36:20

LCS  
 11/10

i:\conv\_gc\chrom\ec1\nov12\lcw11\_10 -- Channel B



Channel B Results

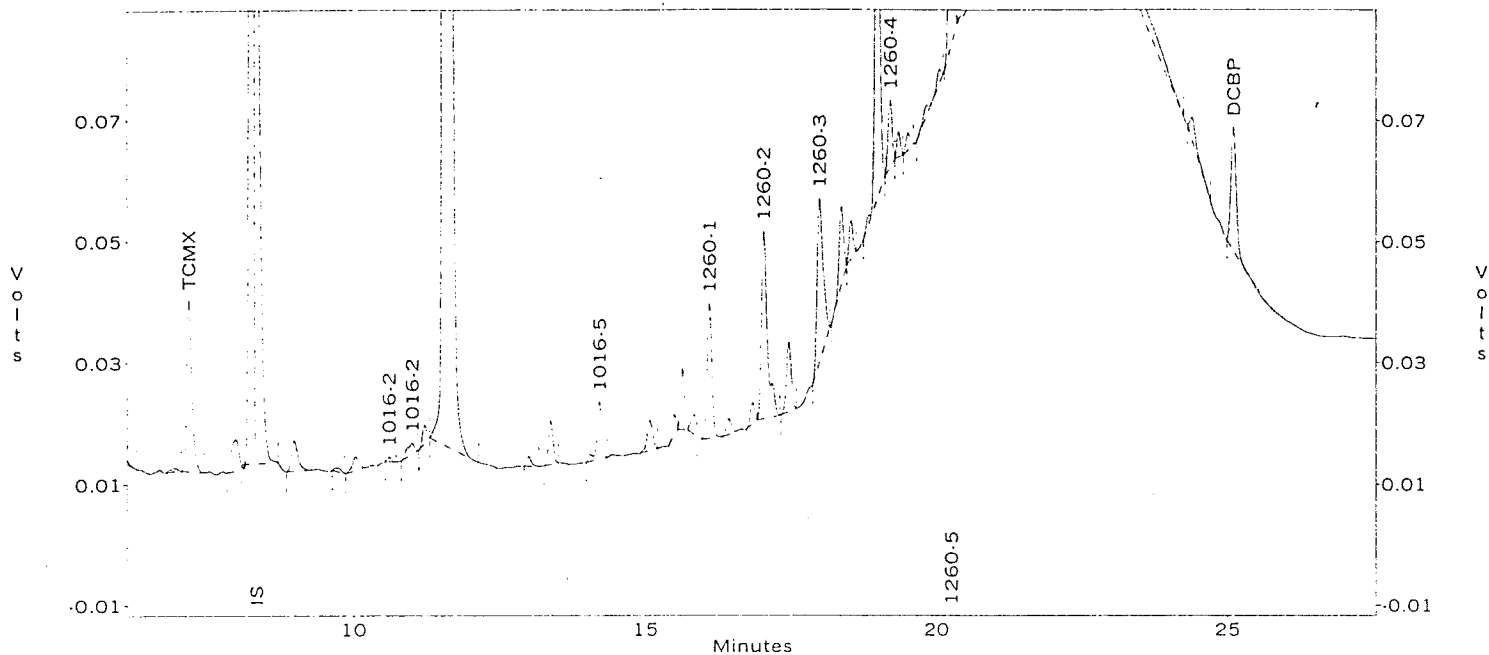
PEAK #	ANALYTE	RT	AREA	ug/ml
20	TCMX	8.692	215901	0.031
24	IS	10.267	1534597	0.000
25	1016-1	11.658	7359	0.024
29	1016-2	13.092	14634	0.024
--	1016-2	13.700	0	0.000
--	1016-4	15.725	0	0.000
36	1016-5	17.225	98455	0.782
42	1260-1	19.533	170923	0.520
44	1260-2	20.242	207148	0.515
47	1260-3	21.533	281337	0.534
55	1260-4	23.775	428958	0.604
64	1260-5	27.600	104665	0.529
67	DCBP	30.783	210500	0.025

94  
 108  
 119  
 TV=0.5

DB608  
 File : i:\conv\_gc\chrom\ec1\nov12\lcw11\_10  
 Sample ID : lcw11\_10  
 Acquired : Nov 13, 1998 03:36:20

LCS  
 11/10

i:\conv\_gc\chrom\ec1\nov12\lcw11\_10 -- Channel A



Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
14	TCMX	7.192	165749	0.043
17	IS	8.333	778057	0.000
--	1016-1	9.258	0	0.000
21	1016-2	10.600	3660	0.012
22	1016-2	11.000	17159	0.154
--	1016-4	12.317	0	0.000
27	1016-5	14.200	59708	0.624
32	1260-1	16.100	125999	0.643
35	1260-2	17.025	218917	0.642
37	1260-3	17.975	191495	0.600
41	1260-4	19.200	52605	0.477
45	1260-5	20.258	178280	0.458
52	DCBP	25.108	130842	0.026

126  
 113  
 118

USE  
 B channel

## Run logs

Extraction Date: 11/10

Parameter: PCB/A

st: 1

SAMPLE I.D.	SV/SW	SURRI	SURR2	MS1	MS2	pH>11	pH<2	FV
	(L)	Pest/PCB SW P471	P2-B L's P576					10ml
BLK	1L	500ml						
1CS	1L	500ml	500ml					
MW-7 Filtered	1L	500ml						
MW-7	1L	500ml						
MW-1 Filtered	1L	500ml						
MW-4	1L	500ml		boiled dry				
MW-5	1L	500ml		boiled dry				
MW-6 filtered	1L	500ml						
MW-7 filtered	1L	500ml						
MW-8 filtered	1L	500ml						
MW-2	1L	500ml						
MW-10	1L	500ml						

SOLVENTS:

Methylene Chloride:

Acetone:

Ethyl Acetate

Hexane:



DATE	GC1 EC	DESCRIPTION
11-Nov-98	-	
	primer	primer
	5	5
	10	10
	20	20
	30	30
	40	40
	50	50
	60	60
	70	70
	80	80
	p674	p674, check
	505_1	505_1, 1&4
	505_2	505_2, 2
	505_3	505_3, 3
	1060_1	1060_1,p646
	1060_2	1060_2,p647
	1060_3	1060_3,p648
	1060_4	1060_4,p649
	1060_5	1060_5,p650
	1221_1	1221_1p651
	1232_1	1232_1p652
	1242_1	1242_1p653
	1248_1	1248_1p654
	1254_1	1254_1p655

*Initial Cal*

GC RUNLOG

DATE	GC1 EC	GC2 FID	DESCRIPTION
12-Nov-98	1060_3		1060_3
	110323a		110323a
	110323b		110323b
	110323c		110323c
	lcs11_12		lcs11_12
	blk11_12		blk11_12
	mw8f		mw8f,11104-14
	mw7		mw7
	mw4		mw4
	mw2		mw2
	mw2f		mw2f
	mw7f		mw7f
	mw1f		mw1f
	mw5		mw5
	mw8		mw8
	mw3		mw3
	mw5f		mw5f
	mw6f		mw6f
	mw3f		mw3f
	mw6		mw6
	mw4f		mw4f
	mw1		mw1
	bw11_10		bw11_10
	bw11_9		bw11_9
	lcw11_9		lcw11_9
	lcw11_10		lcw11_10
	1260_3a		1260_3a

Samples

**CUSTODY RECORD**



# EST INC.

Environmental Sampling Technology  
 368 Hillside Avenue  
 Needham, MA 02194  
 Tel: (781) 455-0003 Fax: (781) 455-8336

# CHAIN OF CUSTODY RECORD

LABORATORY

NE Testing Labs

Metech

CLIENT: New England Testing Labs  
 ADDRESS: 1254 Douglas Ave.  
North Providence, RI 02904  
 PHONE #: (401) 353-3420  
 P.O. # \_\_\_\_\_  
 CLIENT CONTACT: Joe Foley  
 DESCRIPTION: Customer ID # 434

T1104-14

LOCATION (SAMPLE IDENTIFICATION)	SAMPLE TYPE	CONTAINER		SAMPLING		PRESERVATIVE	CONTAINER TYPE P - Plastic G - Glass V - VOA B - Bacteria	ANALYSES	SPECIAL INSTRUCTIONS  <input type="checkbox"/> RUSH _____ DAY TURNAROUND <input checked="" type="checkbox"/> ROUTINE	COMMENTS
		SIZE	#	DATE	TIME					
MW-2	2	500 below		11/3/98	1005	None				
MW-1	2			"	1105	"				
MW-3	2			"	1145	"				
MW-6	2			"	1225	"				
MW-5	2			"	1315	"				
MW-8	2			"	1350	"				
MW-4	2			"	1430	"				
MW-7	2			"	1555	"				
TRANSFERS BELINQUISHED BY: <u>[Signature]</u> DATE: <u>11/3/98</u> TIME: <u>1555</u> TRANSFERS ACCEPTED BY: <u>[Signature]</u> DATE: <u>11/4/98</u> TIME: <u>10:20</u> TRANSFERS ACCEPTED BY: <u>[Signature]</u> DATE: <u>11/4/98</u> TIME: <u>12:00</u>										

Sampler's Signature: [Signature]  
 ADDITIONAL COMMENTS:  
 \*Each set includes  
 2-1/2 Gall Glass, No pres



■ 85 Franklin Street ■ Needham ■ MA 02494 ■ (781) 455-0003 ■ Fax (781) 455-8336

## GROUNDWATER MONITORING REPORT

Client: New England Testing Laboratory, Inc.  
1254 Douglas Avenue  
North Providence, RI 02904-5392

Attention: Joseph Foley

Report Date: 11/19/98

Site Location:	Metech Providence, RI
Sample Date:	11/03/98
Field Technicians:	Joe Giangioppo
Weather Conditions:	40 <sup>o</sup> -45 <sup>o</sup> F

Location ID	Time	Depth (feet)	SWL (feet)	pH (S.U.)	Temp (°C)	Cond (umhos)	Turbidity (NTU)	DO (mg/L)
MW 1	10:55	15.13	8.44	6.54	14.0	1630	4.3	1.71
MW 2	9:55	15.30	7.77	6.25	15.2	1720	51.9	1.66
MW 3	11:40	16.11	10.51	6.64	15.4	1380	3.7	1.63
MW 4	14:25	13.69	8.71	7.03	15.6	10900	1.2	1.11
MW 5	13:05	14.88	8.68	6.58	15.4	2110	6.9	2.12
MW 6	12:20	14.52	8.18	6.74	15.0	1260	3.7	1.95
MW 7	15:00	14.77	7.96	7.13	14.8	548	86.3	1.82
MW 8	13:45	15.07	9.98	6.94	15.0	3850	10.7	3.95

Notes: Samples delivered to New England Testing Laboratory in North Providence, RI with the associated chain of custody documentation.

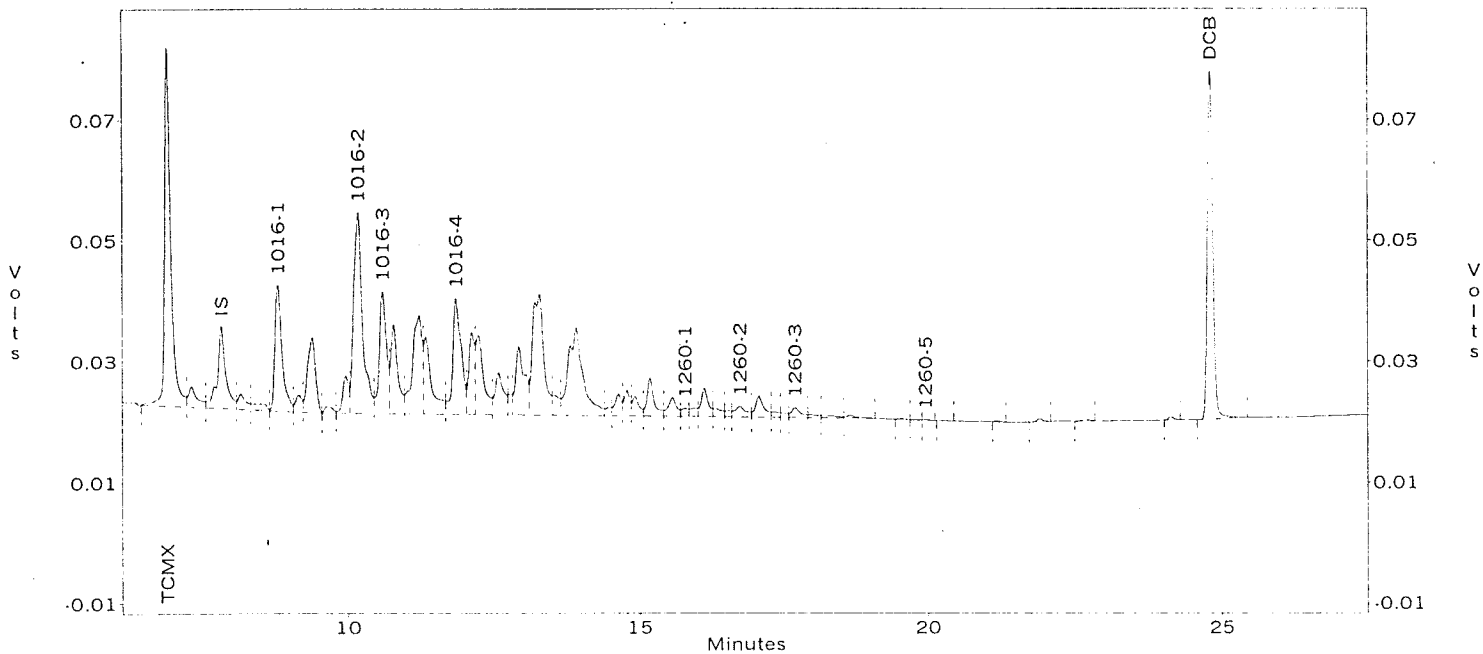
DB608

File : i:\conv\_gc\chrom\ec1\dec3\1242\_1

Sample ID : 1242\_1,p693

Acquired : Dec 04, 1998 01:07:25

i:\conv\_gc\chrom\ec1\dec3\1242\_1 -- Channel A

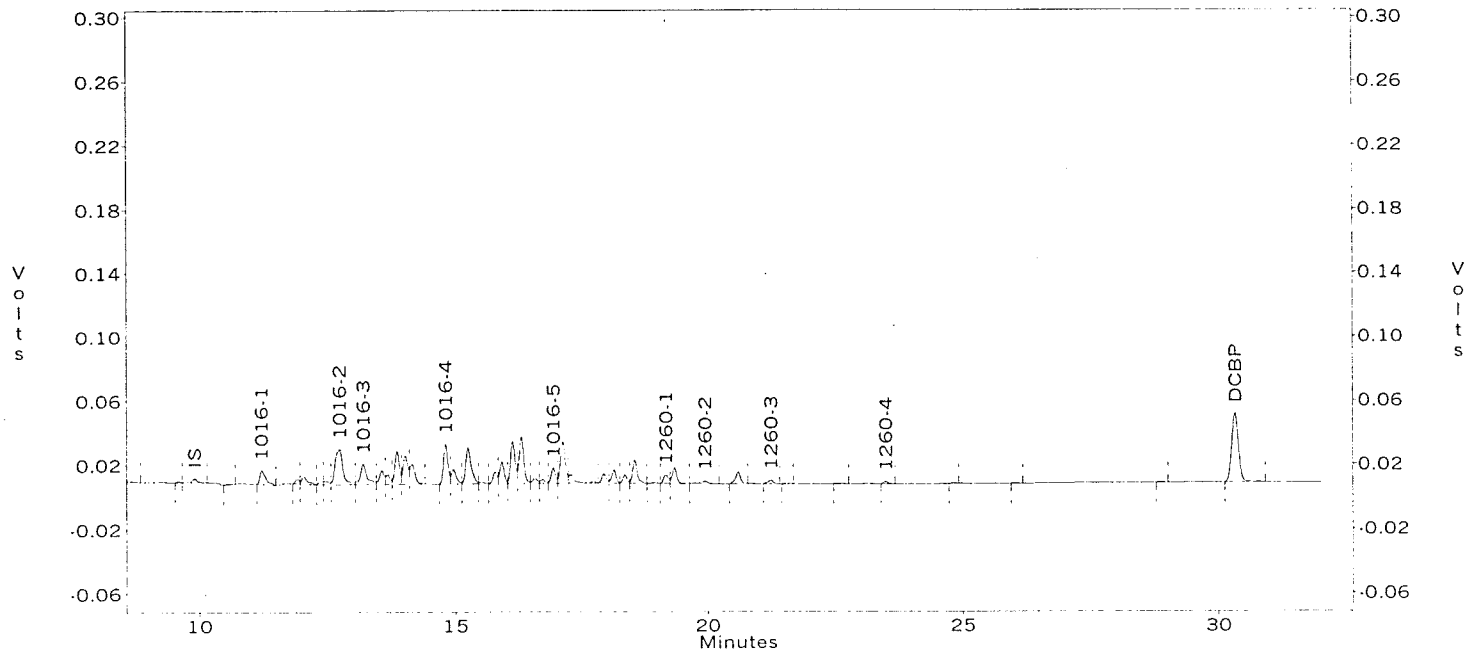


Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
13	TCMX	6.900	428159	0.639
15	IS	7.825	137987	0.000
18	1016-1	8.808	180122	5.538
23	1016-2	10.175	351227	5.341
24	1016-3	10.592	169625	5.934
28	1016-4	11.842	192648	5.980
43	1260-1	15.783	10402	0.317
48	1260-2	16.725	24258	0.417
52	1260-3	17.675	19009	0.360
58	1260-5	19.958	705	0.011
64	DCBP	24.808	390530	0.549

DB1701  
 File : i:\conv\_gc\chrom\ec1\dec3\1248\_1  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb43.met  
 Sample ID : 1248\_1,p694  
 Acquired : Dec 04, 1998 01:45:21

i:\conv\_gc\chrom\ec1\dec3\1248\_1 -- Channel B



Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
3	TCMX	8.383	361709	4.910
5	IS	9.908	17113	0.000
7	1016-1	11.233	72265	23.031
12	1016-2	12.767	229597	32.398
13	1016-3	13.225	111333	32.383
19	1016-4	14.817	144376	77.469
29	1016-5	16.917	54861	41.451
38	1260-1	19.175	36030	10.046
40	1260-2	19.950	18494	4.119
42	1260-3	21.250	16390	2.666
45	1260-4	23.483	8414	1.072
49	DCBP	30.325	397031	4.437

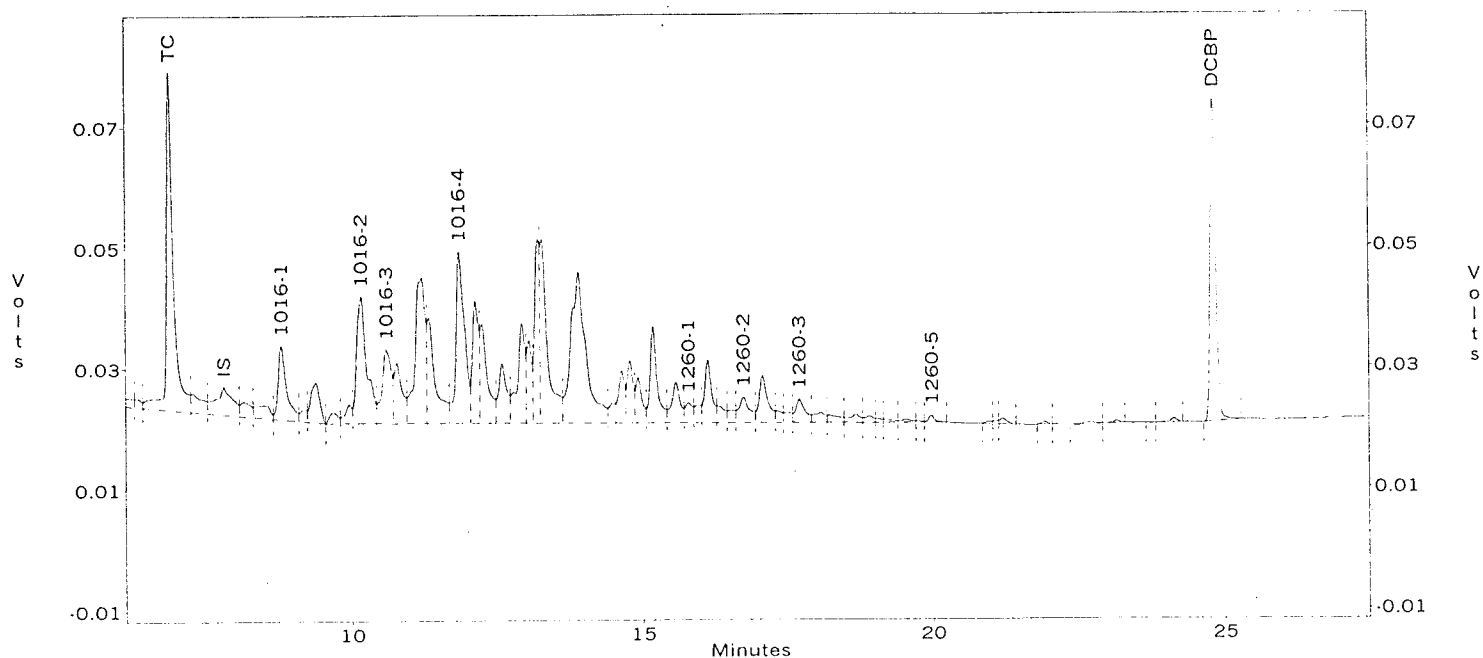
DB608

File : i:\conv\_gc\chrom\ec1\dec3\1248\_1

Sample ID : 1248\_1,p694

Acquired : Dec 04, 1998 01:45:21

i:\conv\_gc\chrom\ec1\dec3\1248\_1 -- Channel A



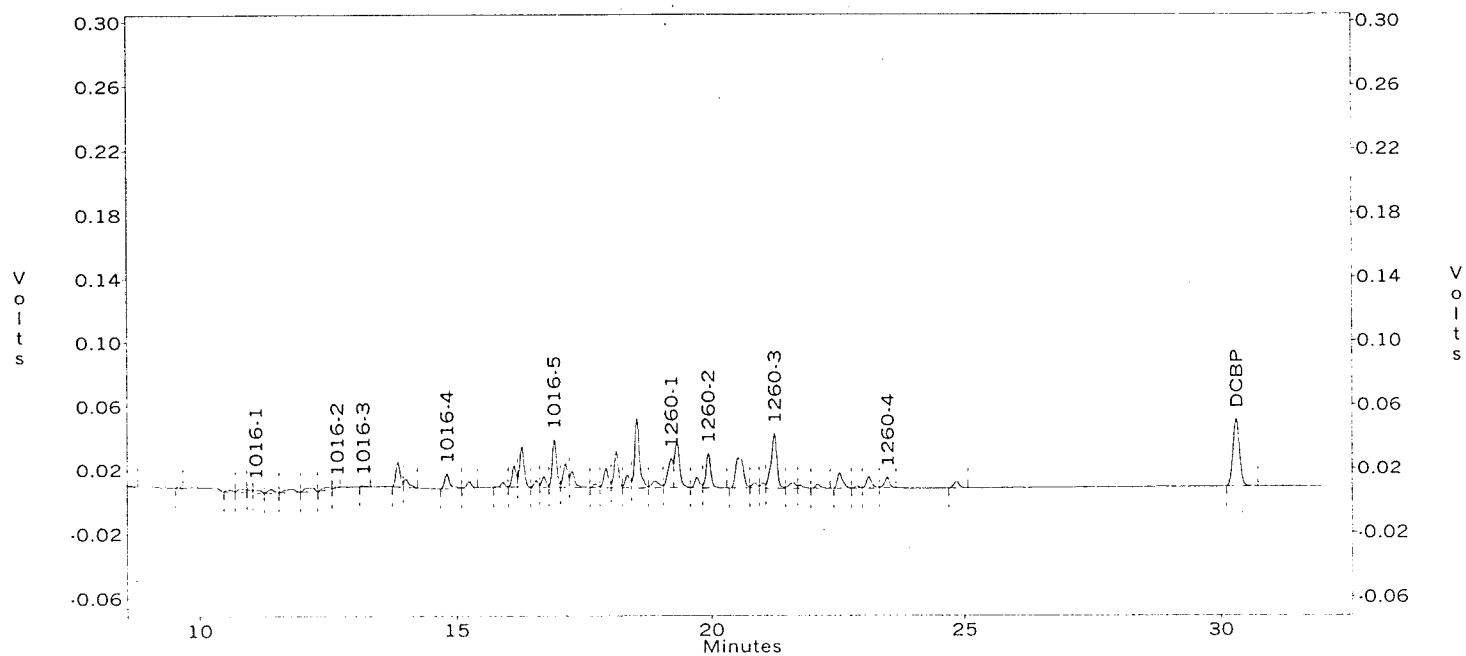
## Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
11	TCMX	6.908	461077	0.997
13	IS	7.825	95299	0.000
16	1016-1	8.808	123637	5.504
21	1016-2	10.175	256605	5.650
22	1016-3	10.600	134239	6.799
26	1016-4	11.842	287705	12.932
41	1260-1	15.792	28646	1.265
46	1260-2	16.733	52962	1.318
50	1260-3	17.683	43971	1.205
59	1260-5	19.983	7876	0.181
70	DCBP	24.817	359822	0.732

DB1701

File : i:\conv\_gc\chrom\ec1\dec3\1254\_1  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb43.met  
 Sample ID : 1254\_1,p695  
 Acquired : Dec 04, 1998 02:23:14

i:\conv\_gc\chrom\ec1\dec3\1254\_1 -- Channel B



## Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
4	TCMX	8.383	344449	0.000
--	IS	9.925	0	0.000
9	1016-1	11.108	18322	0.000
14	1016-2	12.708	4145	0.000
15	1016-3	13.208	2559	0.000
18	1016-4	14.817	62196	0.000
25	1016-5	16.908	180021	0.000
34	1260-1	19.225	129169	0.000
37	1260-2	19.942	136579	0.000
41	1260-3	21.242	269620	0.000
48	1260-4	23.483	46589	0.000
50	DCBP	30.308	387642	0.000

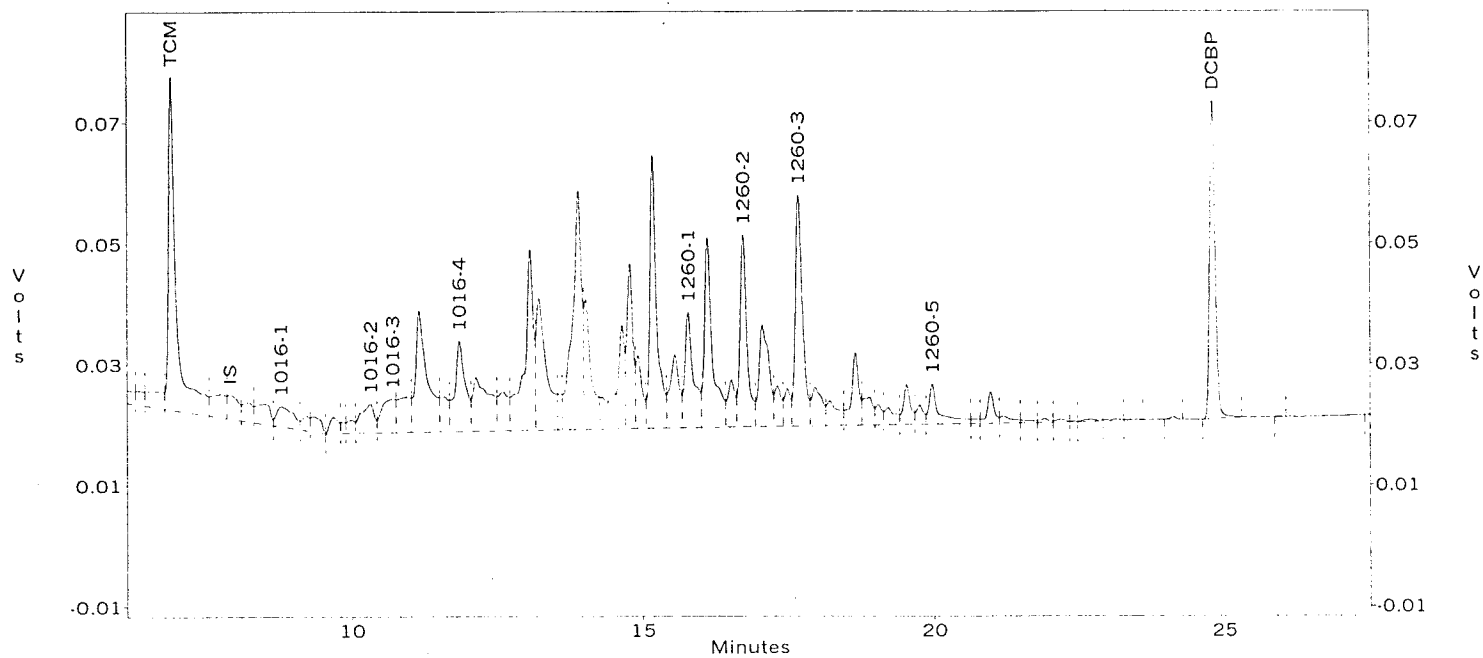
DB608

File : i:\conv\_gc\chrom\ec1\dec3\1254\_1

Sample ID : 1254\_1,p695

Acquired : Dec 04, 1998 02:23:14

i:\conv\_gc\chrom\ec1\dec3\1254\_1 -- Channel A

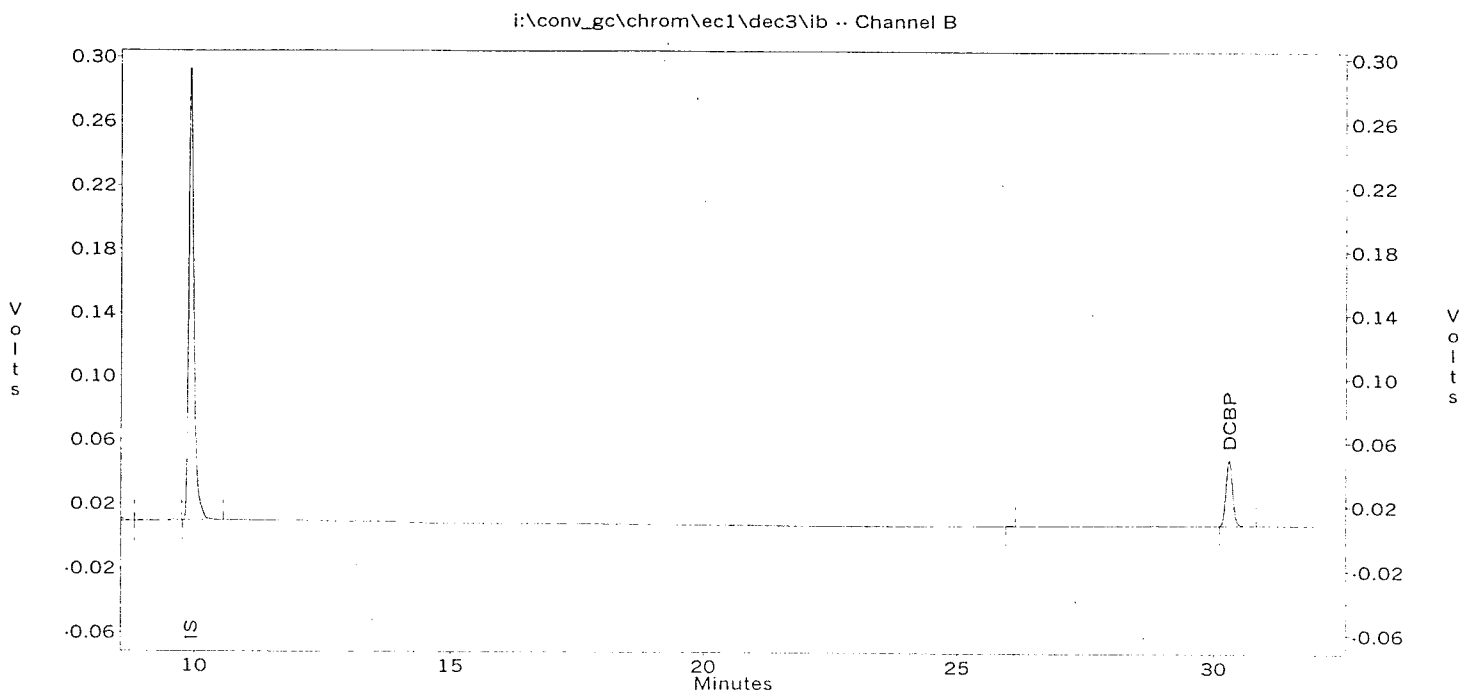


## Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
12	TCMX	6.908	509748	1.998
14	IS	7.917	52568	0.000
17	1016-1	8.800	68471	5.526
23	1016-2	10.325	76067	3.036
24	1016-3	10.700	90671	8.326
28	1016-4	11.842	185101	15.083
43	1260-1	15.792	195599	15.657
46	1260-2	16.733	270294	12.195
50	1260-3	17.675	333254	16.557
59	1260-5	19.975	82346	3.436
71	DCBP	24.808	355983	1.313

DB1701  
 File : i:\conv\_gc\chrom\ec1\dec3\ib  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb43.met  
 Sample ID : IB  
 Acquired : Dec 04, 1998 03:01:10

*Instrument  
Blank*



Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
3	TCMX	8.383	379370	0.045
5	IS	9.933	1969822	0.000
--	1016-1	11.242	0	0.000
--	1016-2	12.758	0	0.000
--	1016-3	13.217	0	0.000
--	1016-4	14.808	0	0.000
--	1016-5	16.908	0	0.000
--	1260-1	19.225	0	0.000
--	1260-2	19.933	0	0.000
--	1260-3	21.225	0	0.000
--	1260-4	23.475	0	0.000
7	DCBP	30.308	377354	0.037

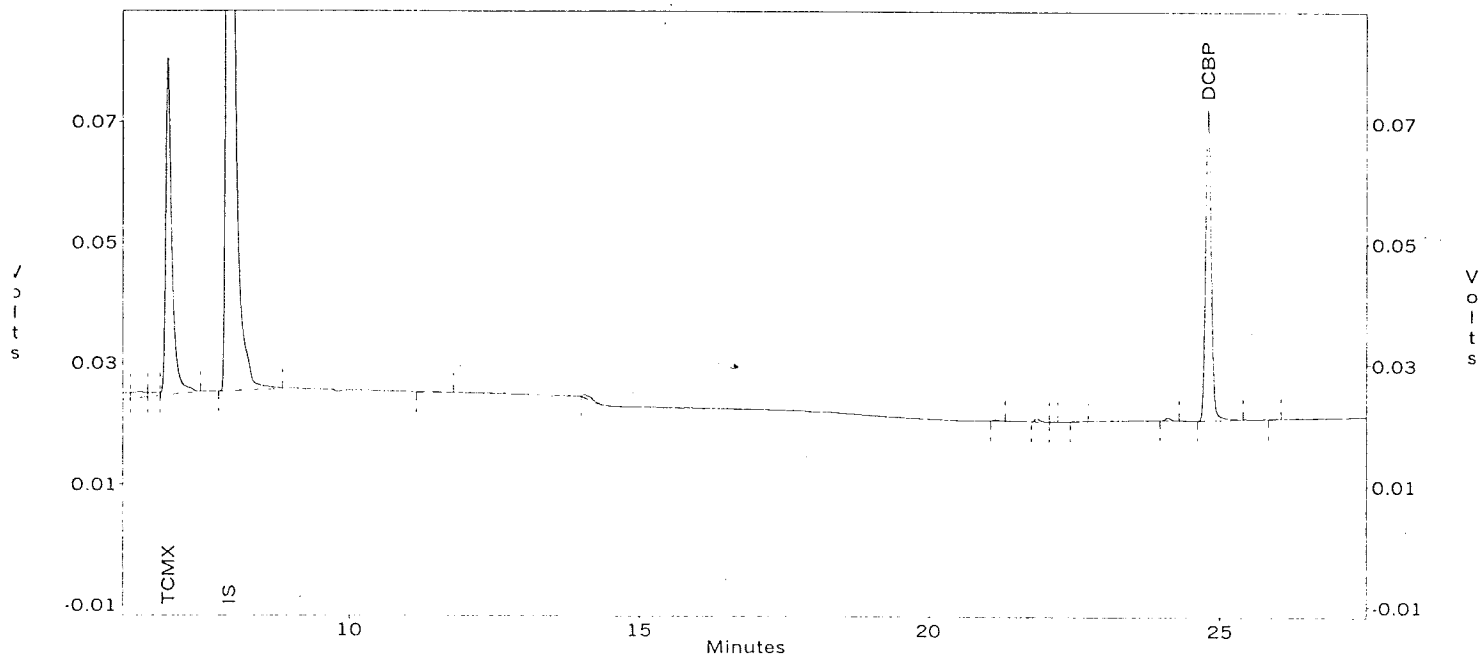
*113*

*93*



DB608  
 File : i:\conv\_gc\chrom\ec1\dec3\ib  
 Sample ID : IB  
 Acquired : Dec 04, 1998 03:01:10

i:\conv\_gc\chrom\ec1\dec3\ib -- Channel A



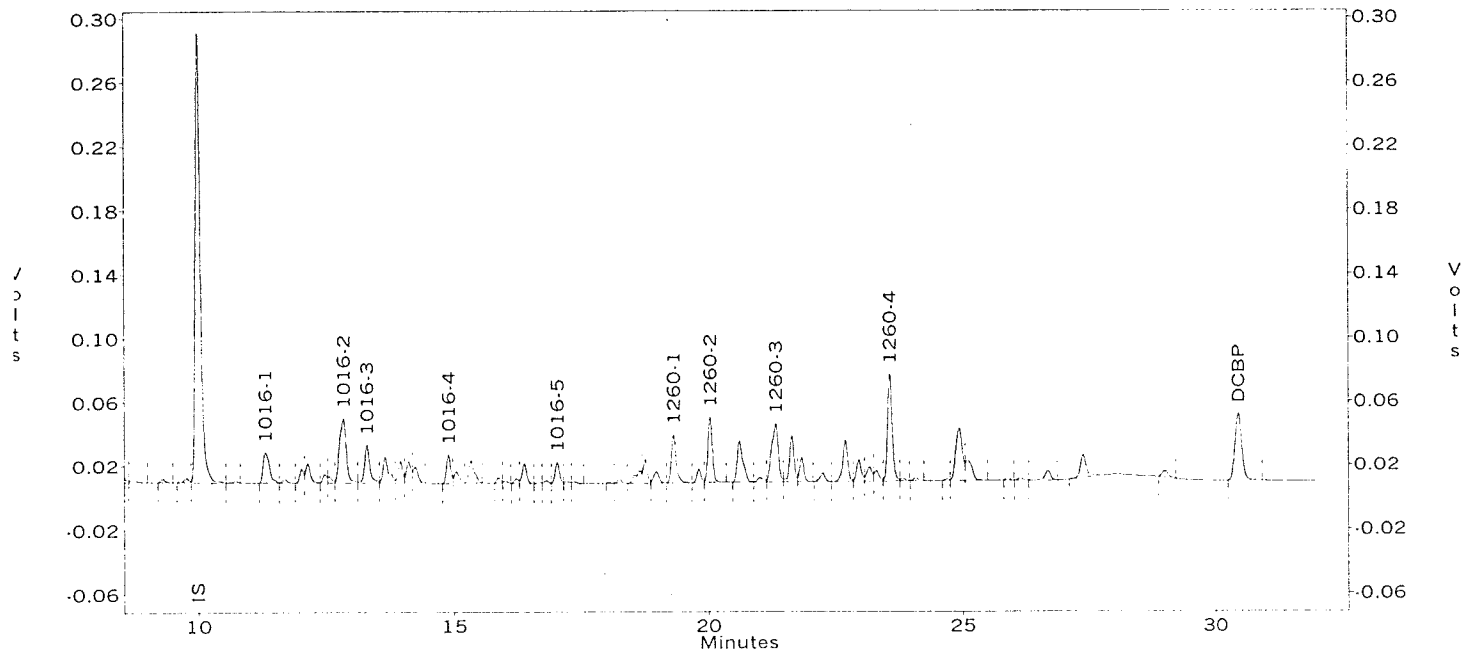
Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
14	TCMX	6.908	401684	0.046
15	IS	7.942	1799311	0.000
--	1016-1	8.808	0	0.000
--	1016-2	10.175	0	0.000
--	1016-3	10.583	0	0.000
--	1016-4	11.842	0	0.000
--	1260-1	15.783	0	0.000
--	1260-2	16.717	0	0.000
--	1260-3	17.675	0	0.000
--	1260-5	19.967	0	0.000
23	DCBP	24.808	347054	0.037

DB1701  
 File : i:\conv\_gc\chrom\ec1\dec5\1060\_3  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb43.met  
 Sample ID : 1060\_3,p705  
 Acquired : Dec 05, 1998 09:22:28

*Calibration  
 Check  
 begin of Batch*

i:\conv\_gc\chrom\ec1\dec5\1060\_3 -- Channel B



Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
5	TCMX	8.442	351940	0.043
9	IS	9.992	1922052	0.000
11	1016-1	11.308	164622	0.467
17	1016-2	12.842	371105	0.466
18	1016-3	13.300	172903	0.448
23	1016-4	14.900	100448	0.480
32	1016-5	17.000	74929	0.504
40	1260-1	19.317	194731	0.483
42	1260-2	20.033	245021	0.486
45	1260-3	21.325	332475	0.482
<del>53</del>	<del>1260-4</del>	<del>23.575</del>	<del>424486</del>	<del>0.482</del>
64	DCBP	30.458	396891	0.039

*-108*

*.473*

*.483*

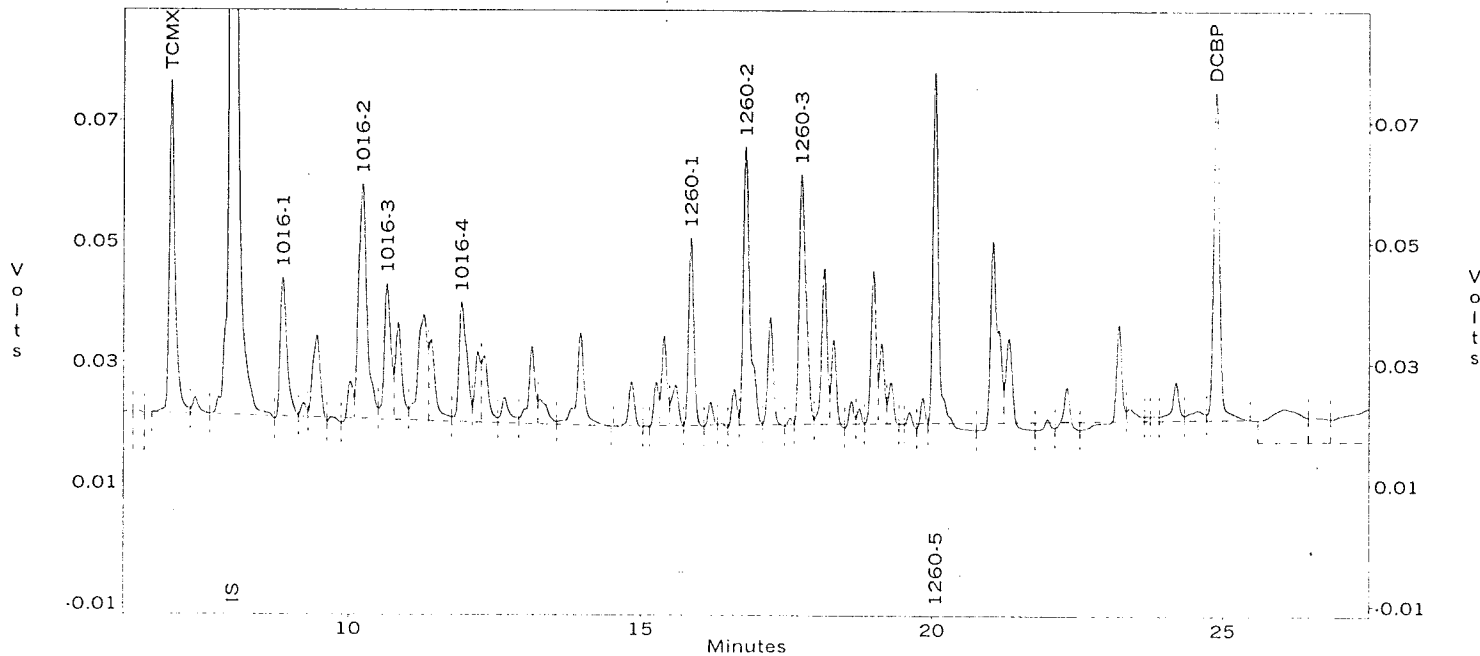
*-98*

*95%*

*97%*

DB608  
 File : i:\conv\_gc\chrom\ec1\dec5\1060\_3  
 Sample ID : 1060\_3,p705  
 Acquired : Dec 05, 1998 09:22:28

i:\conv\_gc\chrom\ec1\dec5\1060\_3 -- Channel A



Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
10	TCMX	6.967	373281	0.041
12	IS	8.008	1865896	0.000
13	1016-1	8.883	185261	0.421
18	1016-2	10.250	389161	0.438
19	1016-3	10.667	177094	0.458
23	1016-4	11.917	179693	0.413
35	1260-1	15.867	192624	0.434
39	1260-2	16.808	359317	0.457
42	1260-3	17.758	334567	0.468
53	1260-5	20.058	355364	0.418
64	DCBP	24.892	389884	0.041

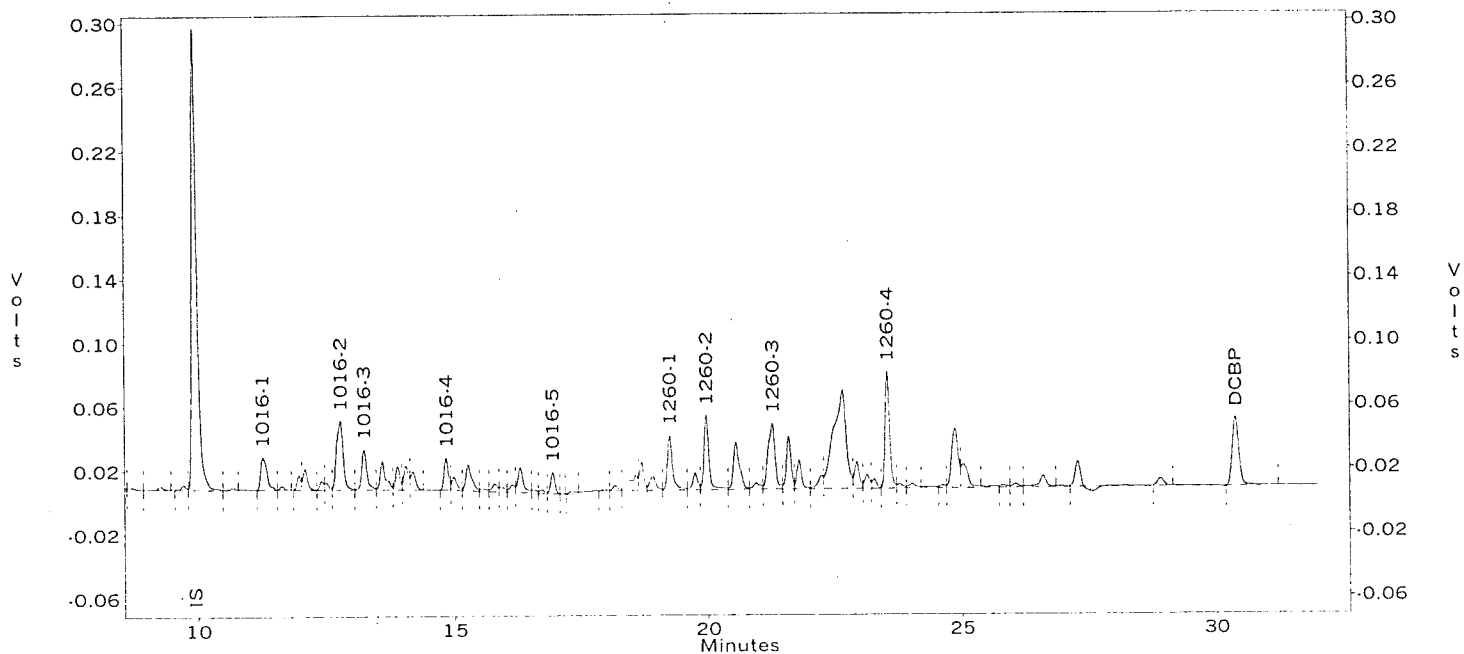
Handwritten notes on the table:

- 10<sup>3</sup> (next to peak 10)
- 87% (next to peak 18)
- .432 (next to peak 19)
- .444 (next to peak 39)
- 89% (next to peak 39)
- 10<sup>3</sup> (next to peak 64)

DB1701  
 File : i:\conv\_gc\chrom\ec1\dec5\1060\_3a  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb43.met  
 Sample ID : 1060\_3a  
 Acquired : Dec 05, 1998 14:56:28

*Cal check.  
 End of Batch*

i:\conv\_gc\chrom\ec1\dec5\1060\_3a -- Channel B



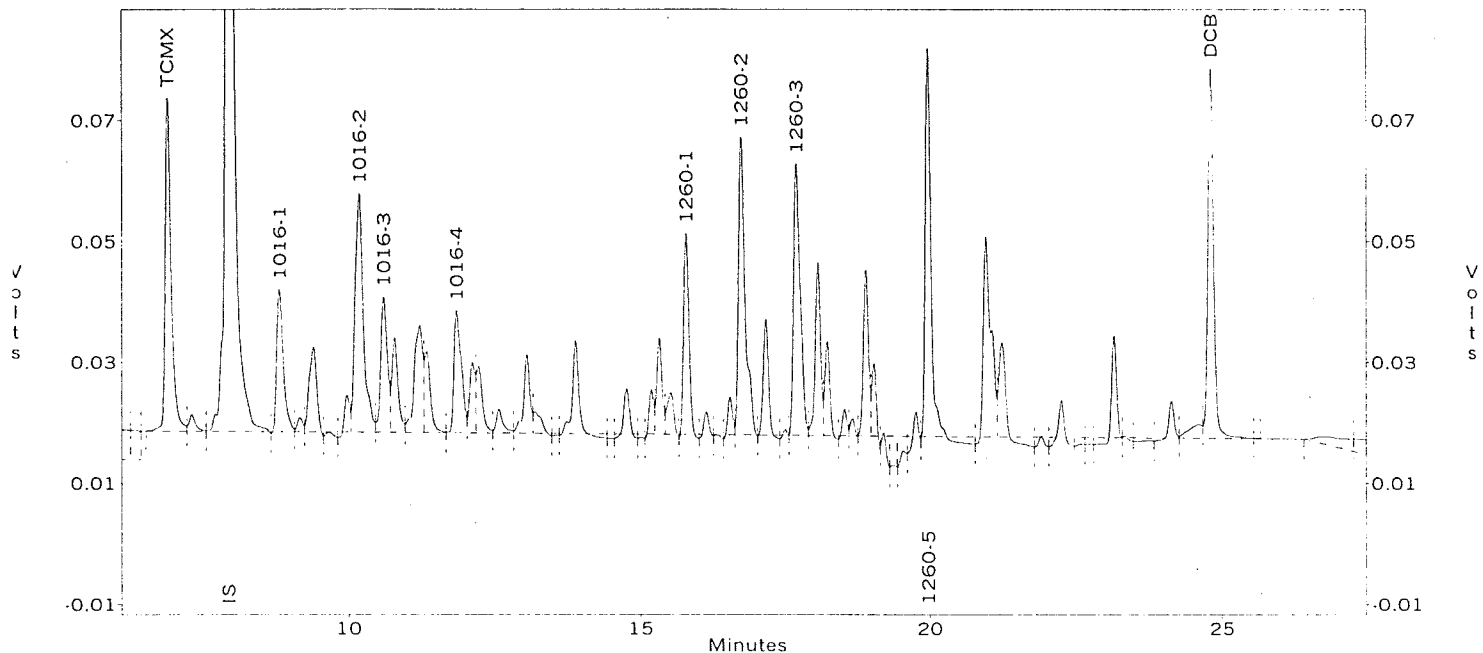
Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
5	TCMX	8.400	360143	0.042
9	IS	9.950	1983109	0.000
11	1016-1	11.258	177405	0.488
17	1016-2	12.792	393097	0.479
18	1016-3	13.250	182751	0.459
23	1016-4	14.842	114807	0.532
33	1016-5	16.933	76166	0.497
41	1260-1	19.258	235994	0.568
43	1260-2	19.975	306988	0.590
46	1260-3	21.267	393959	0.553
54	1260-4	23.517	464646	0.511
65	DCBP	30.383	401076	0.039

*-105*  
*491 98%*  
*570 114%*  
*ax*

DB608  
 File : i:\conv\_gc\chrom\ec1\dec5\1060\_3a  
 Sample ID : 1060\_3a  
 Acquired : Dec 05, 1998 14:56:28

i:\conv\_gc\chrom\ec1\dec5\1060\_3a -- Channel A



Channel A Results

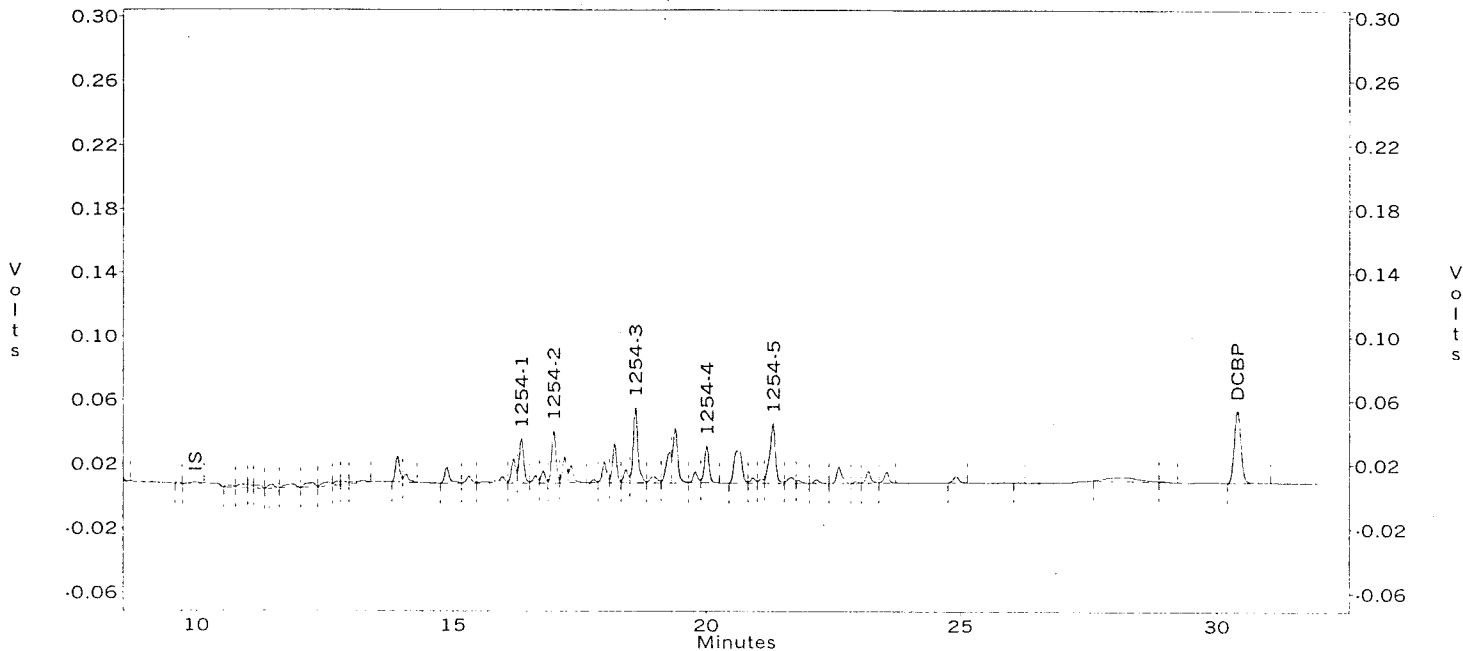
PEAK #	ANALYTE	RT	AREA	ug/ml
12	TCMX	6.917	383178	0.041
14	IS	7.950	1917029	0.000
15	1016-1	8.825	192360	0.426
20	1016-2	10.192	395265	0.433
21	1016-3	10.600	173759	0.438
25	1016-4	11.850	176422	0.394
39	1260-1	15.792	202662	0.445
43	1260-2	16.725	387386	0.479
46	1260-3	17.683	366547	0.499
57	1260-5	19.975	391922	0.448
69	DCBP	24.817	434106	0.044

-103  
 423 85%  
 468 94%  
 110

DB1701  
File : i:\conv\_gc\chrom\ec1\dec5\1254\_1  
Method : i:\conv\_gc\chrom\methods\ecd\8081\1254\_43.met  
Sample ID : 1254\_1,p695  
Acquired : Dec 05, 1998 10:00:20

1254 std  
Run of day  
of Analysis

i:\conv\_gc\chrom\ec1\dec5\1254\_1 -- Channel B

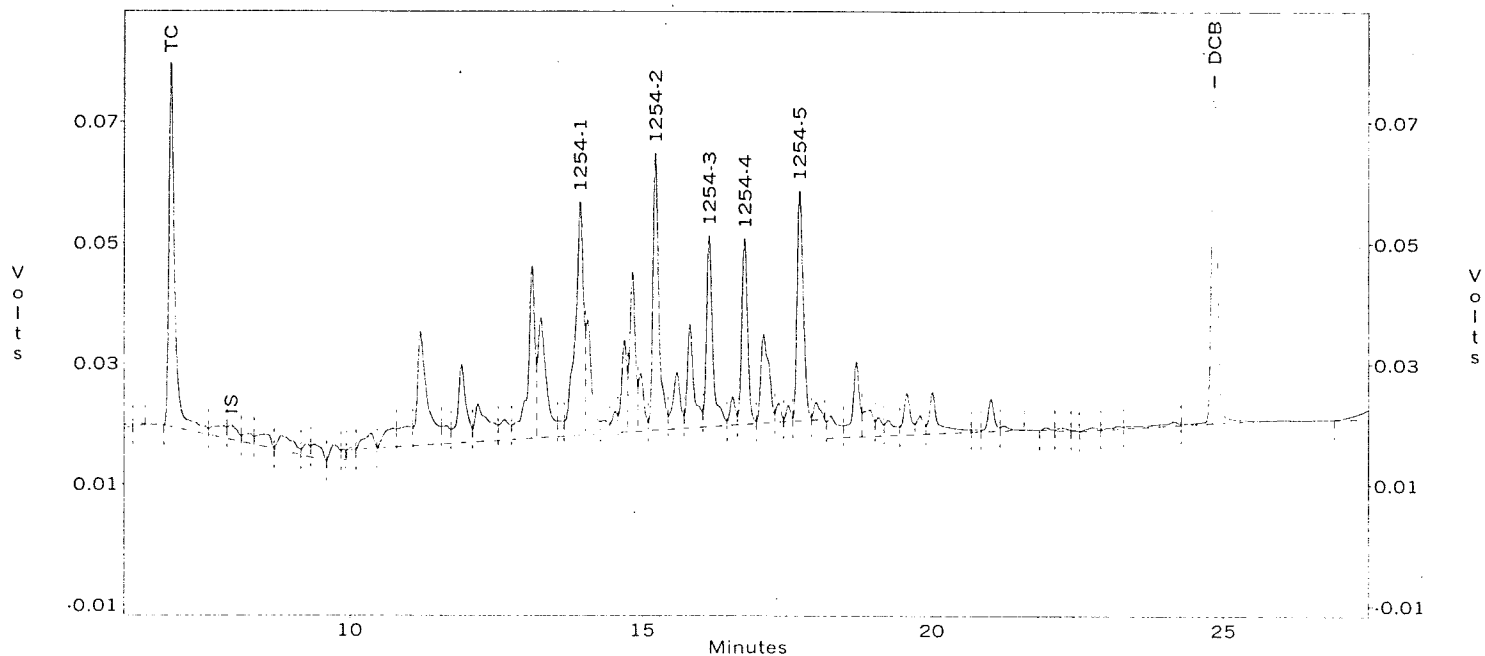


Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
6	TCMX	8.433	356230	0.040
8	IS	9.975	10683	1.000
26	1254-1	16.333	172141	0.500
29	1254-2	16.975	192632	0.500
36	1254-3	18.617	309250	0.500
41	1254-4	20.008	143158	0.500
45	1254-5	21.308	297573	0.500
57	DCBP	30.400	424930	0.040

DB608  
 File : i:\conv\_gc\chrom\ec1\dec5\1254\_1  
 Sample ID : 1254\_1,p695  
 Acquired : Dec 05, 1998 10:00:20

i:\conv\_gc\chrom\ec1\dec5\1254\_1 -- Channel A



Channel A Results

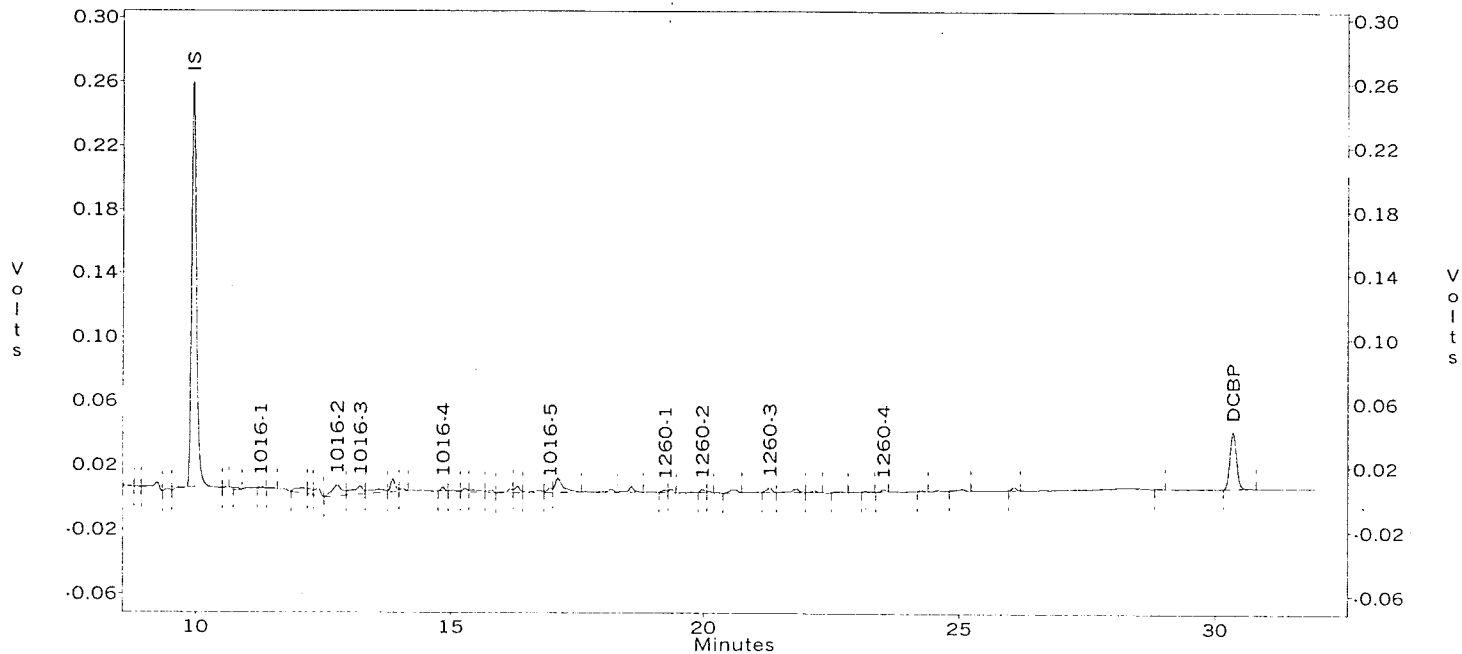
PEAK #	ANALYTE	RT	AREA	ug/ml
13	TCMX	6.942	422084	0.040
15	IS	7.967	27237	1.000
35	1254-1	13.908	383343	0.500
42	1254-2	15.225	333114	0.500
45	1254-3	16.158	243414	0.500
47	1254-4	16.775	216999	0.500
51	1254-5	17.717	286883	0.500
70	DCBP	24.850	405520	0.040

## Sample Data



DB1701  
 File : i:\conv\_gc\chrom\ec1\dec5\120116\_a  
 Method : i:\conv\_gc\chrom\methods\lcd\8081\pcb43.met  
 Sample ID : 120116\_a  
 Acquired : Dec 05, 1998 11:16:01

i:\conv\_gc\chrom\ec1\dec5\120116\_a -- Channel B



Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
10	TCMX	8.408	298321	0.042
14	IS	9.958	1631777	0.000
17	1016-1	11.275	5517	0.018
22	1016-2	12.792	89768	0.133
23	1016-3	13.242	71427	0.218
27	1016-4	14.842	12093	0.068
35	1016-5	16.942	18478	0.146
40	1260-1	19.250	10394	0.030
42	1260-2	19.975	11070	0.026
45	1260-3	21.267	21802	0.037
50	1260-4	23.500	9000	0.012
55	DCBP	30.358	328679	0.039

-105

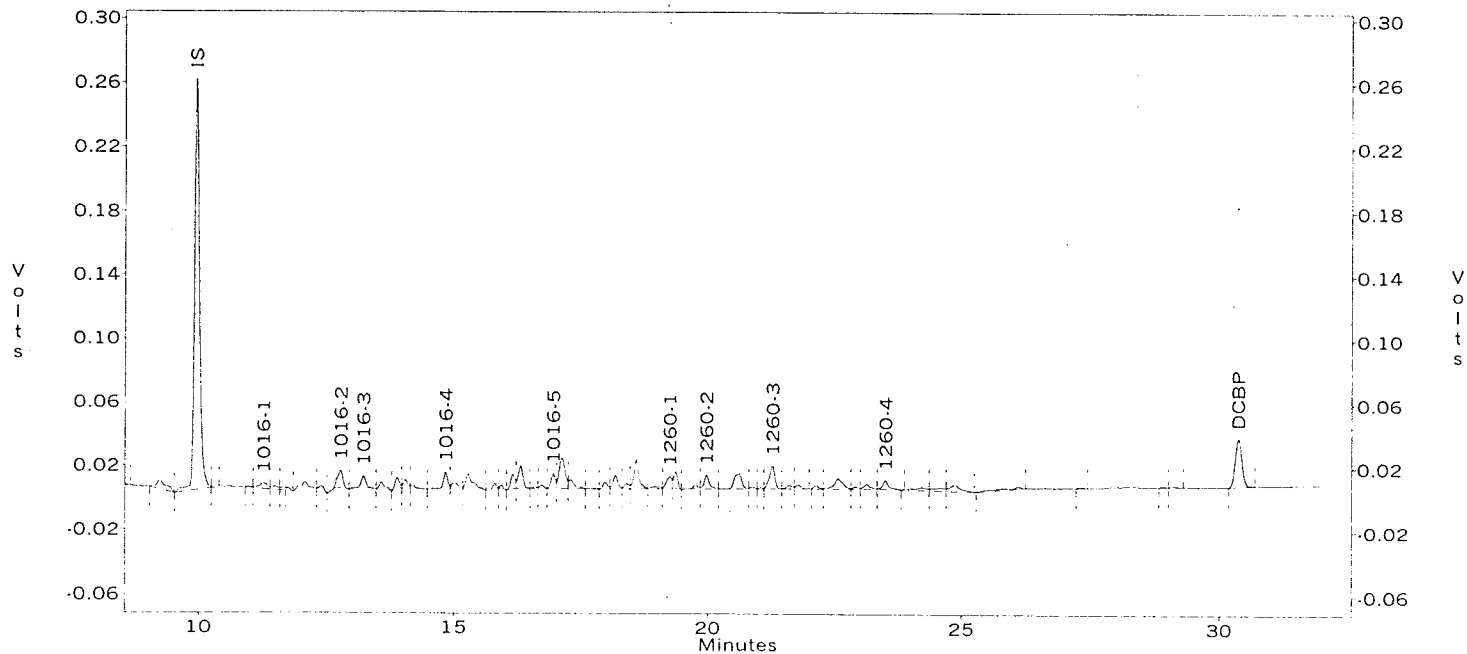
PCBS ND

98

DB1701

File : i:\conv\_gc\chrom\ec1\dec5\120116\_b  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb43.met  
 Sample ID : 120116\_b  
 Acquired : Dec 05, 1998 13:02:51

i:\conv\_gc\chrom\ec1\dec5\120116\_b .. Channel B



Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
13	TCMX	8.408	256482	0.034
15	IS	9.958	1756091	0.000
18	1016-1	11.275	38756	0.120
23	1016-2	12.800	61863	0.085
24	1016-3	13.250	43065	0.122
29	1016-4	14.842	44249	0.231
38	1016-5	16.942	52101	0.384
47	1260-1	19.250	55500	0.151
50	1260-2	19.975	58788	0.128
54	1260-3	21.275	110335	0.175
61	1260-4	23.517	41774	0.052
69	DCBP	30.375	278342	0.030

85

1259 detected

75

External Standard Report -- Channel A

File : i:\conv\_gc\chrom\ec1\dec5\120116\_b  
 Method : i:\conv\_gc\chrom\methods\ecd\808I\1254\_43.met  
 Sample ID : 120116\_b  
 Acquired : Dec 05, 1998 13:02:51  
 User : System

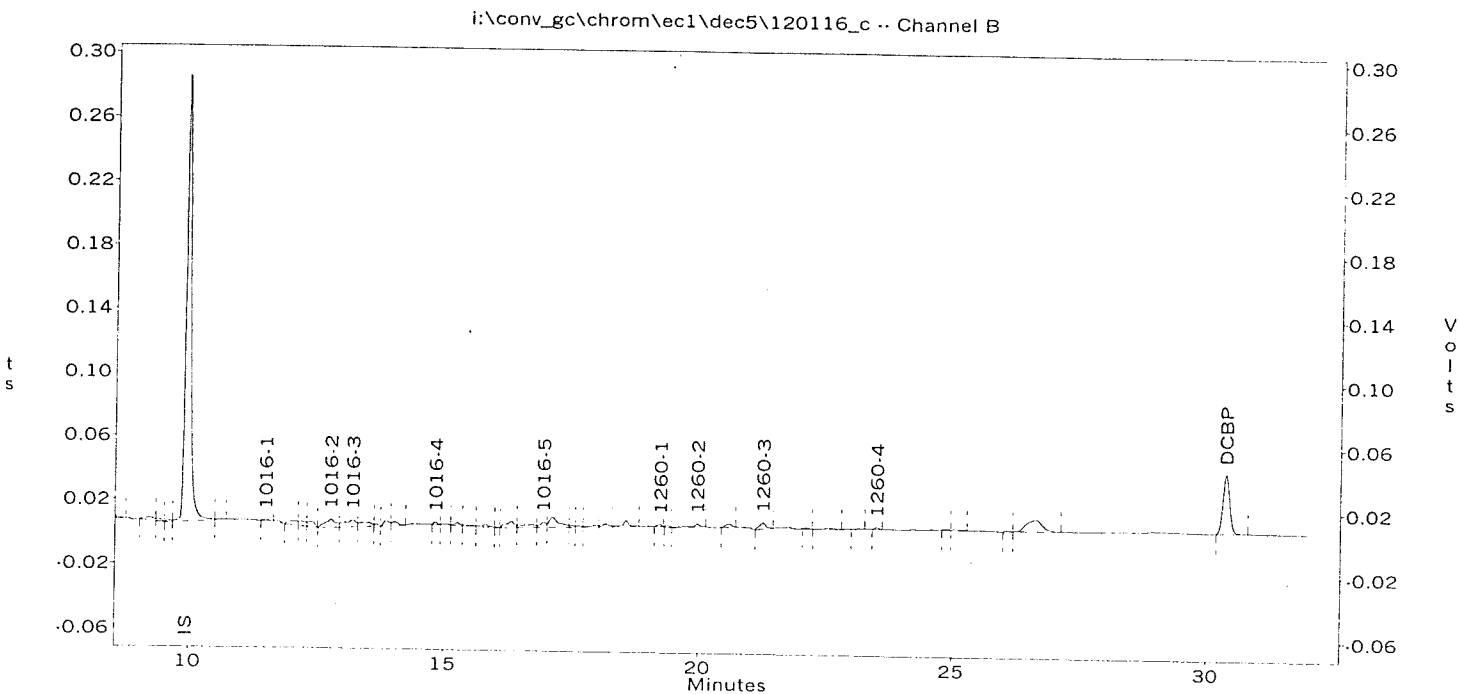
```

=====
Pkno   Name                Ret. Time      Conc                Area
-----
  1    TCMX                  6.925          0.000 UG/ML        259232
  2     IS                  7.958          54.378 ug/l        1481105
  3    1254-1              13.900          0.090 ug/ml        68803
  4    1254-2              15.200          0.153 ug/ml        101847
  5    1254-3              16.133          0.155 ug/ml        75512
  6    1254-4              16.750          0.182 ug/ml        79089
  7    1254-5              17.692          0.182 ug/ml        104404
  8    DCBP                 24.825          0.000 UG/ML        269118

Totals                                55.140                2439110
  
```

*Handwritten note: } 0.15 (next to rows 4, 5, 6, 7)*

DB1701  
 File : i:\conv\_gc\chrom\ec1\dec5\120116\_c  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb43.met  
 Sample ID : 120116\_c  
 Acquired : Dec 05, 1998 12:25:01



Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
10	TCMX	8.400	323624	0.039
14	IS	9.950	1903450	0.000
16	1016-1	11.500	3153	0.009
20	1016-2	12.792	74377	0.094
21	1016-3	13.225	70371	0.184
26	1016-4	14.842	6642	0.032
34	1016-5	16.933	25845	0.176
41	1260-1	19.242	9681	0.024
43	1260-2	19.975	19649	0.039
45	1260-3	21.267	33120	0.048
49	1260-4	23.508	5729	0.007
54	DCBP	30.383	341634	0.034

*as*  
 PCBs ND

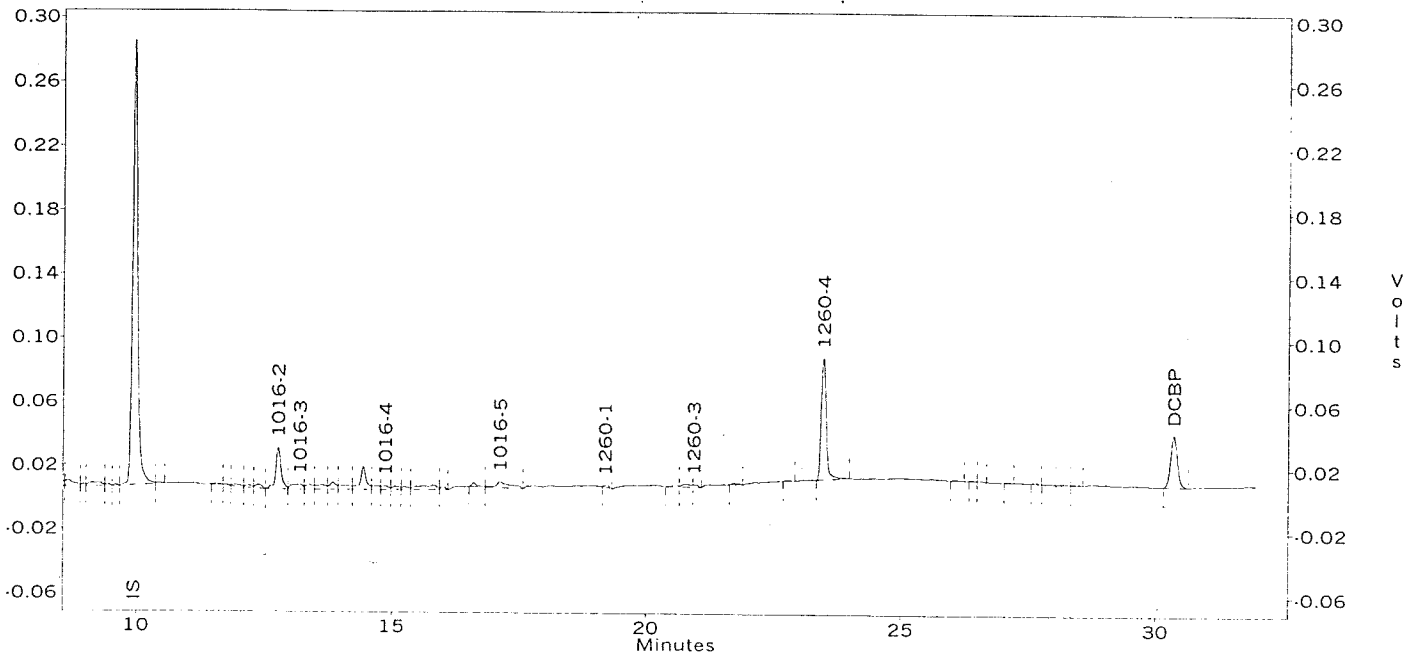
*ST*

## QC Data

11701  
File : i:\conv\_gc\chrom\ec1\dec5\bc12\_3  
Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb43.met  
Sample ID : bc12\_3  
Acquired : Dec 05, 1998 13:40:44

Method Blank  
12/3

i:\conv\_gc\chrom\ec1\dec5\bc12\_3 -- Channel B



Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
17	TCMX	8.400	324562	0.040
23	IS	9.950	1872162	0.000
--	1016-1	11.242	0	0.000
30	1016-2	12.792	185221	0.239
31	1016-3	13.208	45603	0.121
38	1016-4	14.867	22070	0.108
44	1016-5	17.100	66893	0.462
45	1260-1	19.183	7860	0.020
--	1260-2	19.933	0	0.000
48	1260-3	20.933	11143	0.017
51	1260-4	23.475	540082	0.629
60	DCBP	30.358	304854	0.031

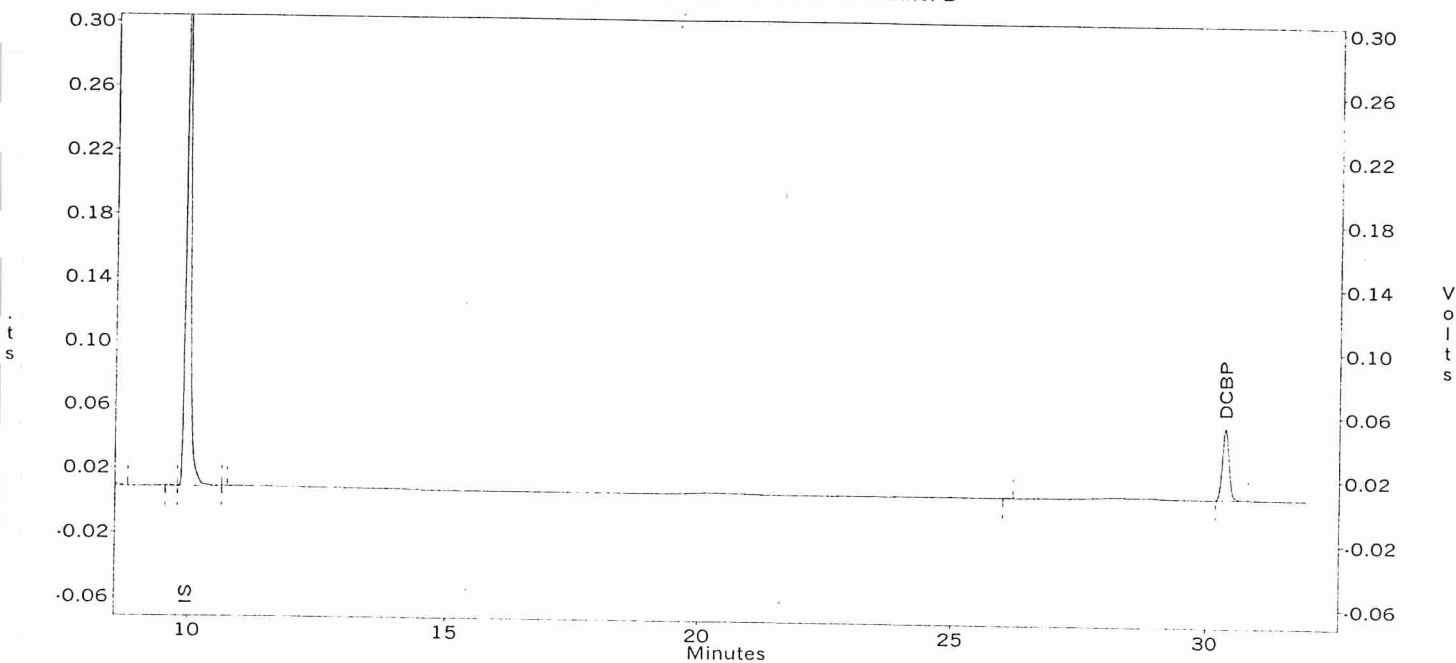
No PCBs Detected!

78

B1701  
 File : i:\conv\_gc\chrom\ec1\dec5\ib  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb43.met  
 Sample ID : IB  
 Acquired : Dec 05, 1998 10:38:10

*Instrument  
Blank*

i:\conv\_gc\chrom\ec1\dec5\ib -- Channel B



annel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
6	TCMX	8.408	414193	0.045
8	IS	9.958	2138909	0.000
--	1016-1	11.242	0	0.000
--	1016-2	12.758	0	0.000
--	1016-3	13.217	0	0.000
--	1016-4	14.808	0	0.000
--	1016-5	16.908	0	0.000
--	1260-1	19.225	0	0.000
--	1260-2	19.933	0	0.000
--	1260-3	21.225	0	0.000
--	1260-4	23.475	0	0.000
11	DCBP	30.383	416630	0.037

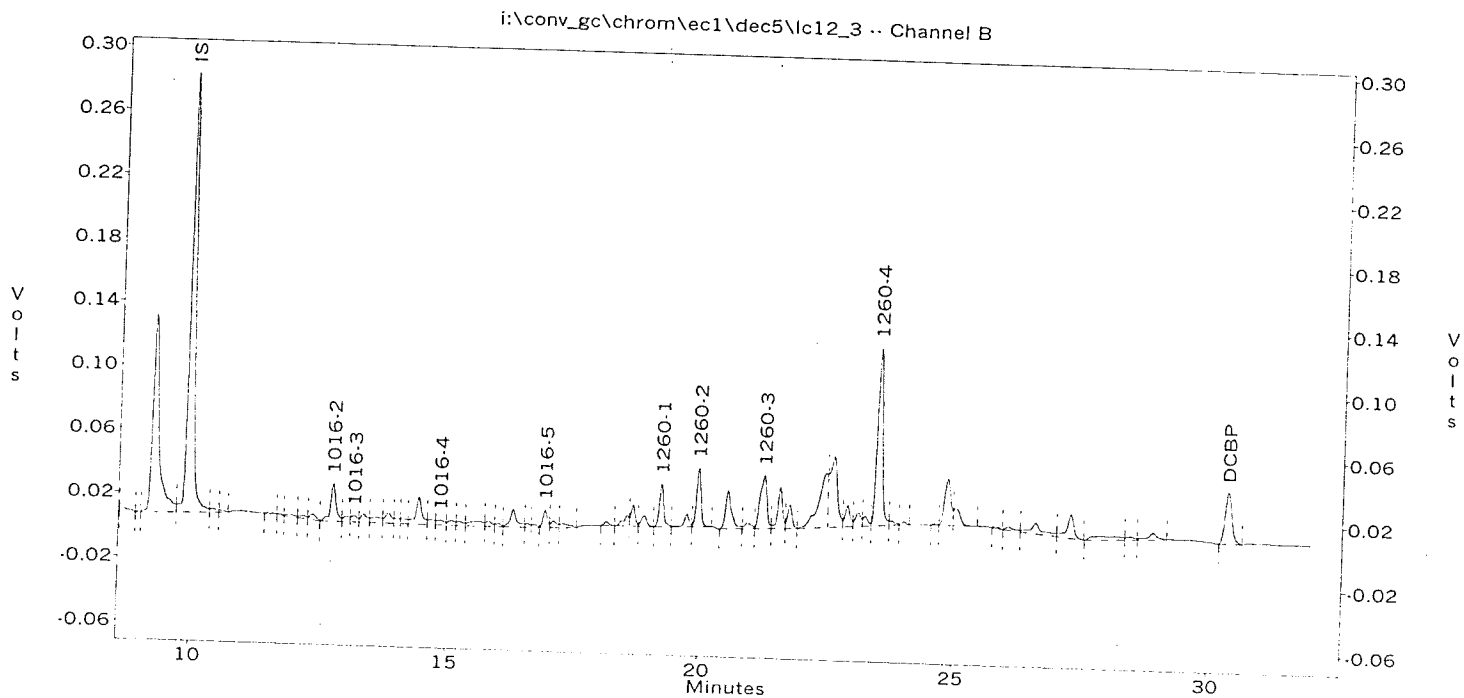
113

*In s blk*

93

File : i:\conv\_gc\chrom\ec1\dec5\lc12\_3  
 Method : i:\conv\_gc\chrom\methods\ecd\8081\pcb43.met  
 Sample ID : Lc12\_3  
 Acquired : Dec 05, 1998 14:18:35

LCS  
 12/3



Channel B Results

PEAK #	ANALYTE	RT	AREA	ug/ml
17	TCMX	8.392	320865	0.038
21	IS	9.942	1957175	0.000
--	1016-1	11.242	0	0.000
29	1016-2	12.783	178935	0.221
31	1016-3	13.200	32774	0.083
39	1016-4	14.858	30743	0.144
48	1016-5	16.925	64346	0.425
55	1260-1	19.250	159429	0.389
57	1260-2	19.967	218143	0.425
60	1260-3	21.258	305994	0.435
<del>68</del>	<del>1260-4</del>	<del>23.492</del>	<del>799304</del>	<del>0.891</del>
81	DCBP	30.375	305240	0.030

0.416 83%



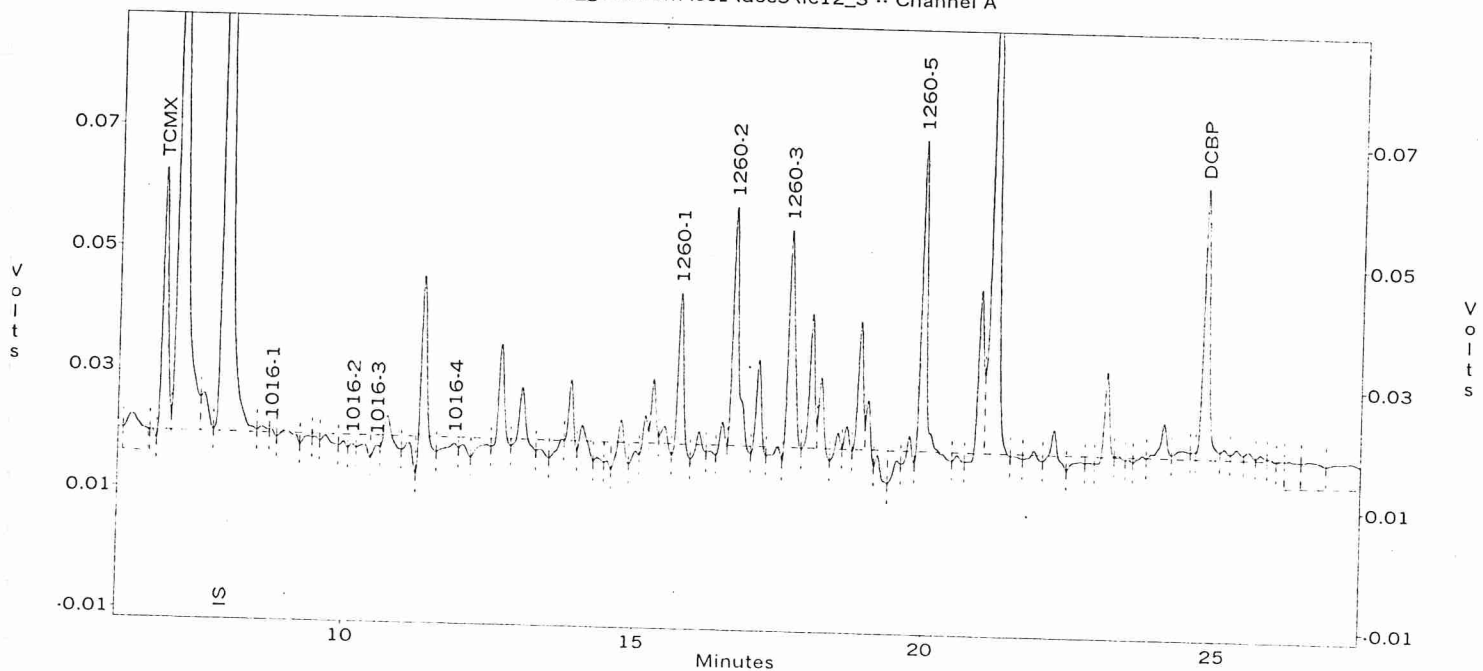
DB608

File : i:\conv\_gc\chrom\ec1\dec5\lc12\_3

Sample ID : Lc12\_3

Acquired : Dec 05, 1998 14:18:35

i:\conv\_gc\chrom\ec1\dec5\lc12\_3 -- Channel A



Channel A Results

PEAK #	ANALYTE	RT	AREA	ug/ml
19	TCMX	6.917	262882	0.033
22	IS	7.942	1657563	0.000
24	1016-1	8.767	438	0.001
30	1016-2	10.150	15268	0.019
32	1016-3	10.567	22397	0.065
36	1016-4	11.875	37889	0.098
52	1260-1	15.783	135181	0.343
56	1260-2	16.725	287290	0.411
59	1260-3	17.675	269736	0.425
69	1260-5	19.967	307617	0.407
85	DCBP	24.808	323645	0.038

Run logs

# EXTRACTION LOG SHEET

Extraction Date: 12/3

Parameter: PCBs Analyst: DV

SAMPLE I.D.	SV/SW (g)	SURR1 Pest/PCB SUR P718	SURR2 PCB LCS P570	MS1	MS2	pH>11	pH<2	FV
7-1201-16								
A-12	1.159	500ul		} Entire Wipe	} Extracted then 1/0ml			
B-12	1.359							
C-12	.773							
31K	10.339							
LCS	10.609		500ul					
1203-07								
Sample # 1	10.598	500ul						
Sample # 2	10.201							
Sample # 1 Dup	10.227							
Sample # (MS)	10.165		500ul					

**SOLVENTS:**

Methylene Chloride:

Acetone:

Ethyl Acetate

Hexane:

GC RUNLOG

DATE	GC2 FID	DESCRIPTION
3-Dec-98	primer	primer
	ab1,p709	ab1,p709
	ab2,p710	ab2,p710
	ab3,p711	ab3,p711
	ab4,p712	ab4,p712
	ab5,p713	ab5,p713
	ab6,p714	ab6,p714
	1060_1,p703	1060_1,p703
	1060_2,p704	1060_2,p704
	1060_3,p705	1060_3,p705
	1060_4,p706	1060_4,p706
	1060_5,p707	1060_5,p707
	1221_1,p691	1221_1,p691
	1232_1,p692	1232_1,p692
	1242_1,p693	1242_1,p693
	1248_1,p694	1248_1,p694
	1254_1,p695	1254_1,p695
	IB	IB
	pcb_lcs, check	pcb_lcs, check
	pest_lcs, check	pest_lcs, check
	ab3a	ab3a
	120307_1	120307_1
	120307_2	120307_2
	dup_sp1	dup_sp1
	ms_sp1	ms_sp1
	120116_a	120116_a
	120116_b	120116_b
	120116_c	120116_c
	bc12_3	bc12_3
	Lc12_3	Lc12_3
	1060_3a	1060_3a

PCB 43  
Initial Cal

GC RUNLOG

DATE	GC2 FID	DESCRIPTION
5-Dec-98	1060_3,p705	1060_3,p705
	1254_1,p695	1254_1,p695
	IB	IB
	120116_a	120116_a
	120116_b	120116_b
	120116_c	120116_c
	bc12_3	bc12_3
	Lc12_3	Lc12_3
	1060_3,p705	1060_3,p705

Catchcheck PCBs 413

prep Blank  
LCS

Batch from 12/5

**CUSTODY RECORD**

