Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030724\
Data File : PD082013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2024 15:46
Operator : AR\AJ
Sample : P1601-03
Misc : PEST MDL 1PPB SOIL
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 21:40:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021224CLP.M
Quant Title : GC Extractables
QLast Update : Mon Feb 12 17:06:05 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	3.563	2.790	28482209	50339074	20.833	20.534	
27)	SA	Decachlor...	9.113	7.926	47640027	63861159	24.692	25.743	
		Target Compounds							
2)	A	alpha-BHC	4.020	3.291	2135389	3498069	0.914	0.910	
3)	MA	gamma-BHC...	4.354	3.621	2128112	3691432	0.921	1.019	
4)	MA	Heptachlor	4.947	3.961	2735958	3555793	1.116	1.002	
5)	MB	Aldrin	5.290	4.241	2523874	3455654	1.067	1.020	
6)	B	beta-BHC	0.000	3.916	0	1811035	N.D.	1.072	
7)	B	delta-BHC	4.795	4.146	5233397	3262815	2.210	0.871	#
8)	B	Heptachlo...	5.717	4.742	2292569	3269740	1.012	1.019	
9)	A	Endosulfan I	6.104	5.112	2343171	3143897	1.113	1.050	
10)	B	trans-Chl...	5.973	4.992	2411415	3675140	1.101	1.178	
11)	B	cis-Chlor...	6.053	5.056	2438160	3533176	1.083	1.103	
12)	B	4,4'-DDE	6.224	5.245	2303264	2823353	1.073	0.955	
13)	MA	Dieldrin	6.380	5.376	2590556	3137608	1.167	0.955	
14)	MA	Endrin	6.610	5.652	1751782	2727951	0.933	0.949	
15)	B	Endosulfa...	6.829	5.945	2506394	3098759	1.298	1.098	
16)	A	4,4'-DDD	6.742	5.798	1726801	2587294	1.040	1.027	
17)	MA	4,4'-DDT	7.057	6.049	1707012	2105376	0.983	0.815	
18)	B	Endrin al...	6.959	6.125	1683642	2525140	1.127	1.165	
19)	B	Endosulfa...	7.194	6.346	2153056	2994394	1.176	1.116	
20)	A	Methoxychlor	0.000	6.624	0	1430524	N.D.	1.071	
21)	B	Endrin ke...	7.680	6.853	2330140	3236215	1.205	1.079	
22)		Toxaphene-1	0.000	4.992	0	3675140	N.D.	224.475	
23)		Toxaphene-2	0.000	5.376	0	3137608	N.D.	184.096	
24)		Toxaphene-3	7.057f	6.624	1707012	1430524	32.278	24.440	
25)		Toxaphene-4	7.194	0.000	2153056	0	54.428	N.D.	#

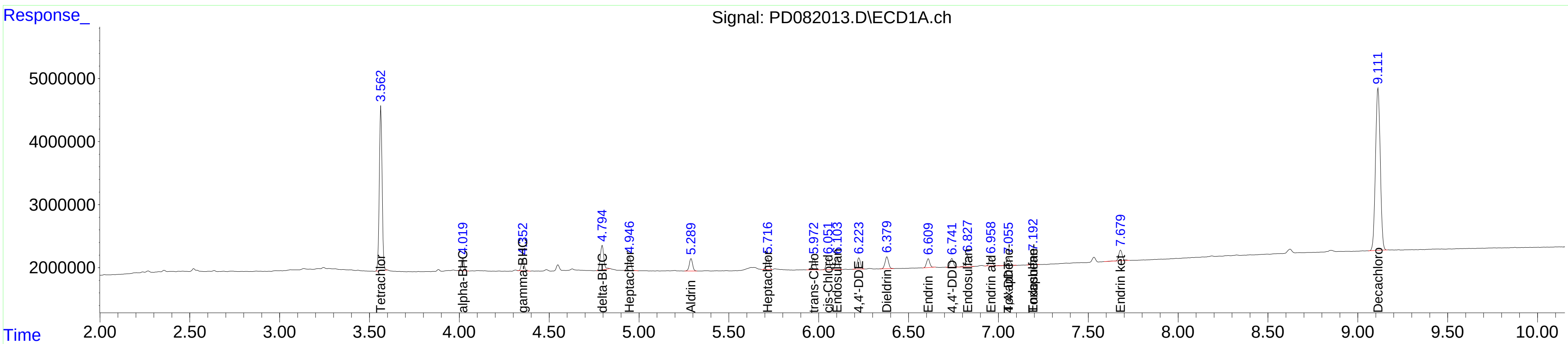
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

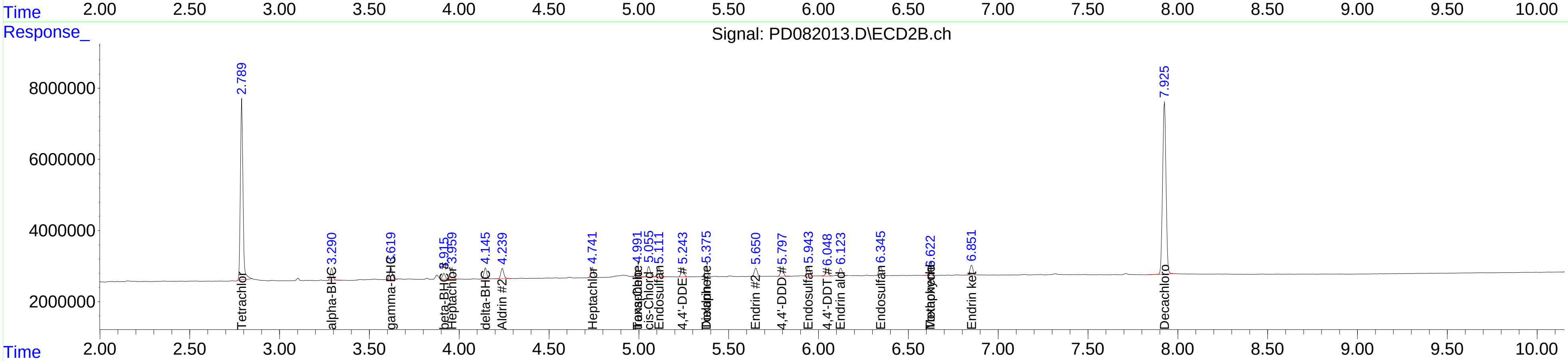
Quantitation Report (Not Reviewed)

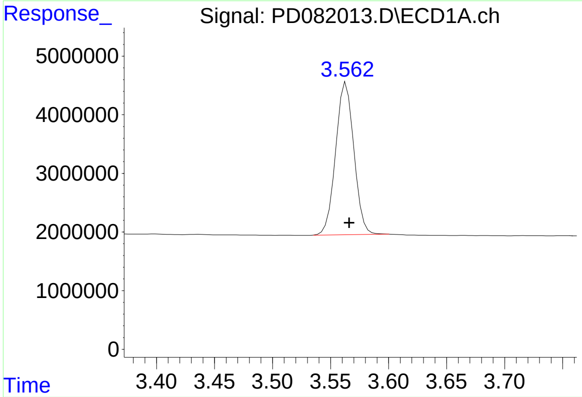
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030724\
Data File : PD082013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2024 15:46
Operator : AR\AJ
Sample : P1601-03
Misc : PEST MDL 1PPB SOIL
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 21:40:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021224CLP.M
Quant Title : GC Extractables
QLast Update : Mon Feb 12 17:06:05 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

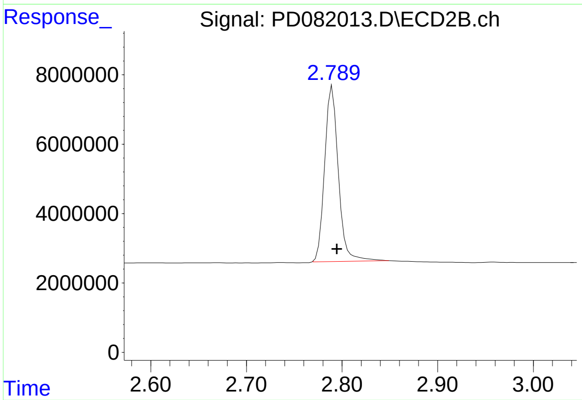






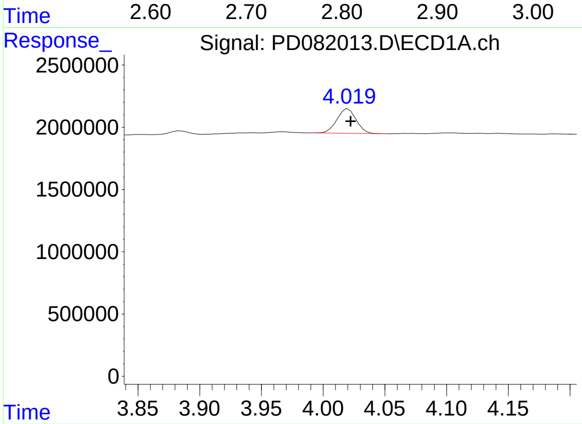
#1 Tetrachloro-m-xylene

R.T.: 3.563 min
Delta R.T.: -0.003 min
Response: 28482209
Conc: 20.83 ng/ml



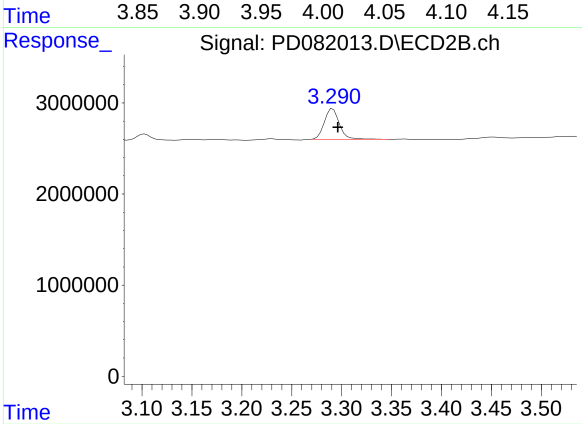
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: -0.005 min
Response: 50339074
Conc: 20.53 ng/ml



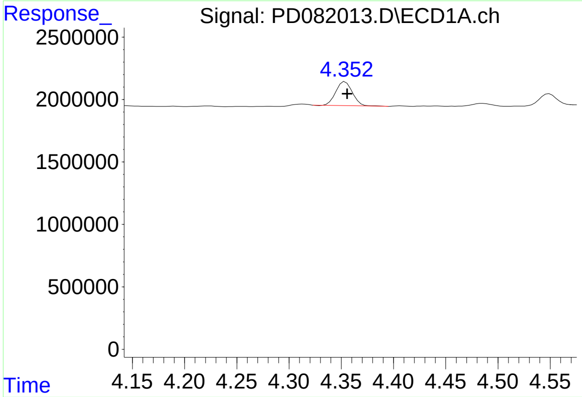
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 2135389
Conc: 0.91 ng/ml



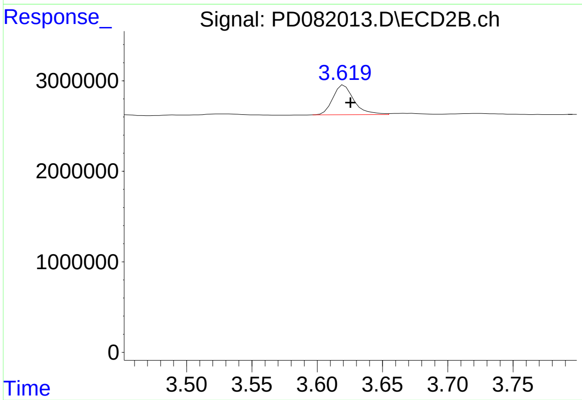
#2 alpha-BHC

R.T.: 3.291 min
Delta R.T.: -0.005 min
Response: 3498069
Conc: 0.91 ng/ml



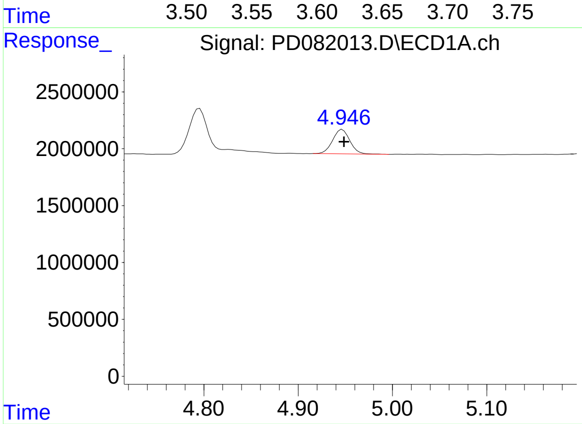
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: -0.002 min
Response: 2128112
Conc: 0.92 ng/ml



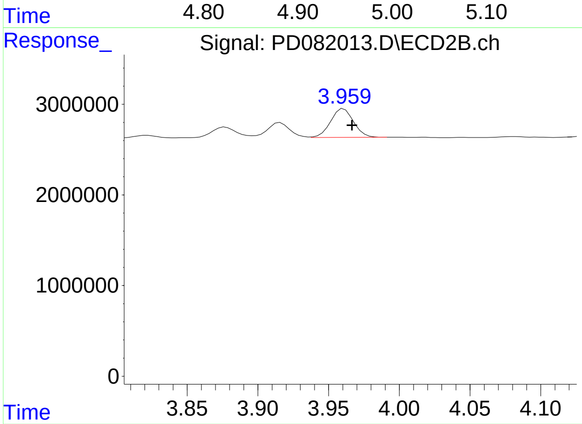
#3 gamma-BHC (Lindane)

R.T.: 3.621 min
Delta R.T.: -0.005 min
Response: 3691432
Conc: 1.02 ng/ml



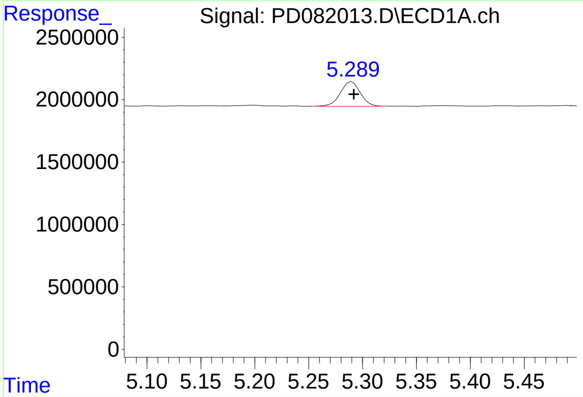
#4 Heptachlor

R.T.: 4.947 min
Delta R.T.: -0.002 min
Response: 2735958
Conc: 1.12 ng/ml



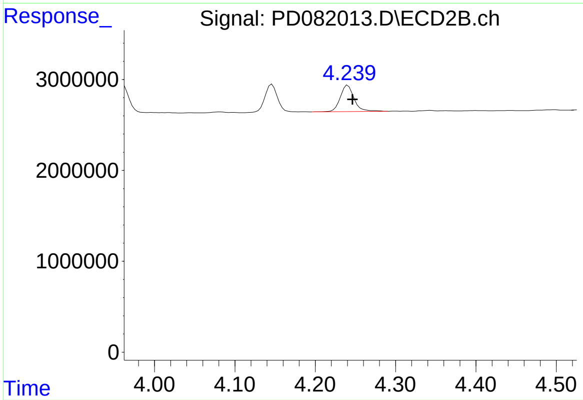
#4 Heptachlor

R.T.: 3.961 min
Delta R.T.: -0.006 min
Response: 3555793
Conc: 1.00 ng/ml



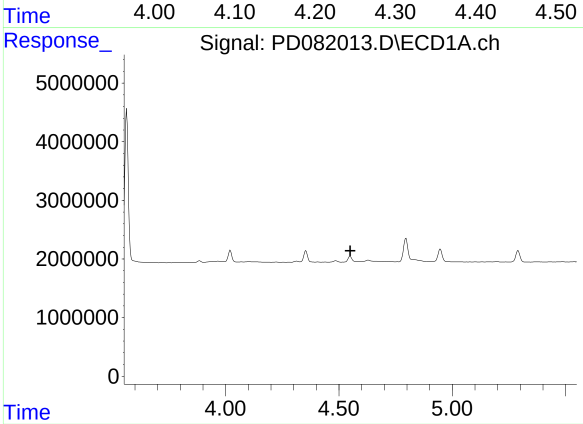
#5 Aldrin

```
      R.T.:    5.290 min
Delta R.T.:   -0.002 min
  Response:   2523874
      Conc:   1.07 ng/ml
```



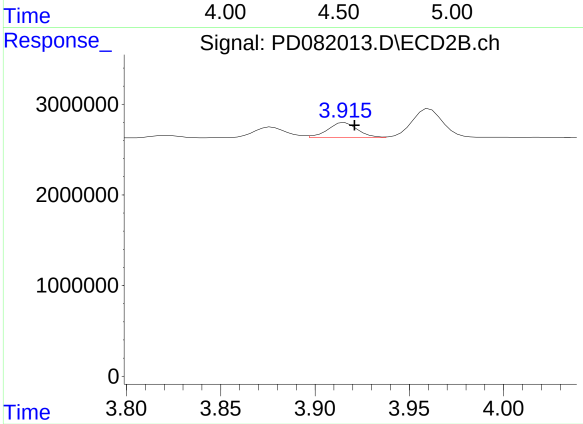
#5 Aldrin

```
      R.T.:    4.241 min
Delta R.T.:   -0.006 min
  Response:   3455654
      Conc:   1.02 ng/ml
```



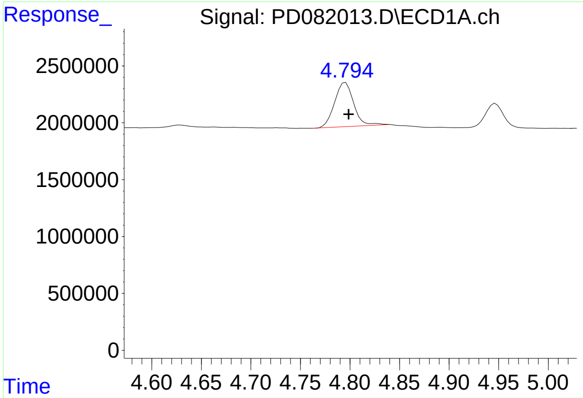
#6 beta-BHC

```
      R.T.:    0.000 min
Exp R.T.  :    4.550 min
  Response:         0
      Conc:   N.D.
```



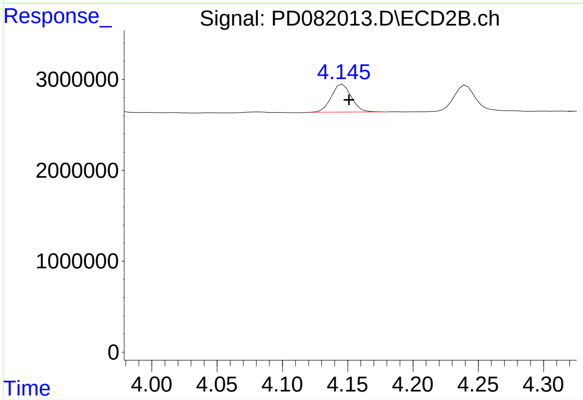
#6 beta-BHC

```
      R.T.:    3.916 min
Delta R.T.:   -0.005 min
  Response:   1811035
      Conc:   1.07 ng/ml
```



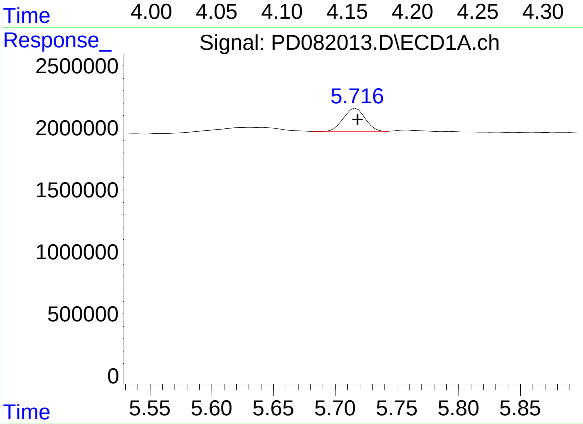
#7 delta-BHC

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 5233397
Conc: 2.21 ng/ml



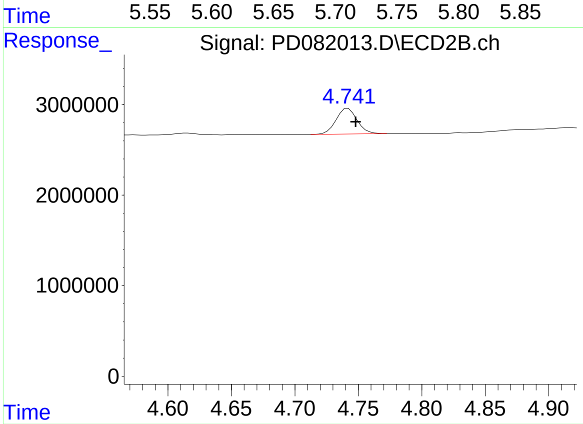
#7 delta-BHC

R.T.: 4.146 min
Delta R.T.: -0.005 min
Response: 3262815
Conc: 0.87 ng/ml



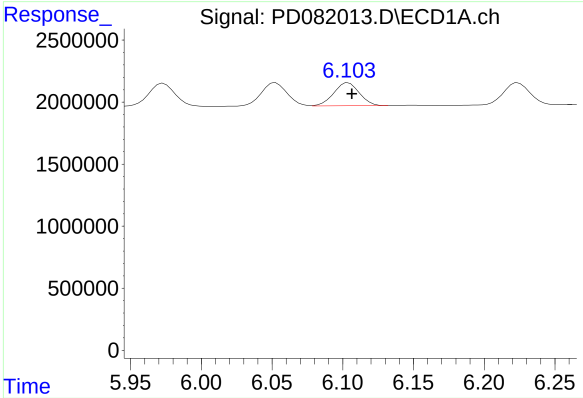
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: -0.001 min
Response: 2292569
Conc: 1.01 ng/ml



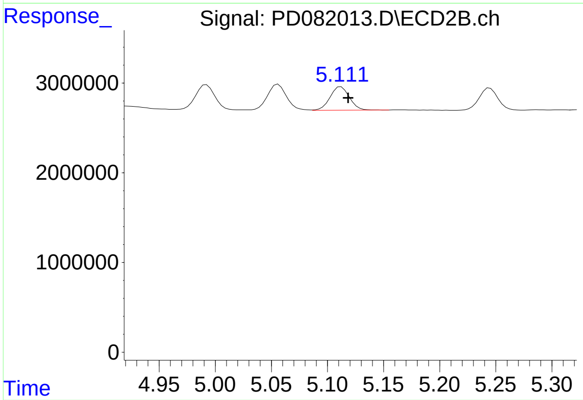
#8 Heptachlor epoxide

R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 3269740
Conc: 1.02 ng/ml



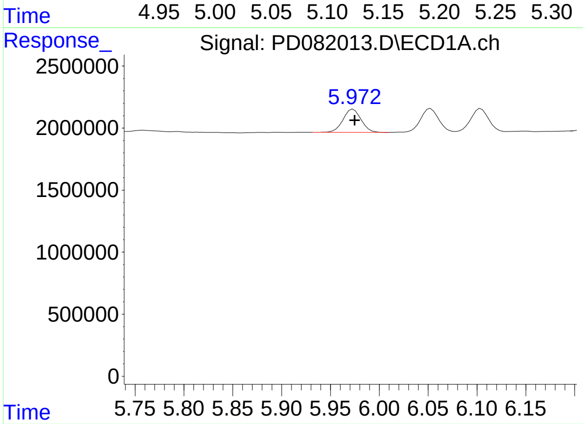
#9 Endosulfan I

R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 2343171
Conc: 1.11 ng/ml



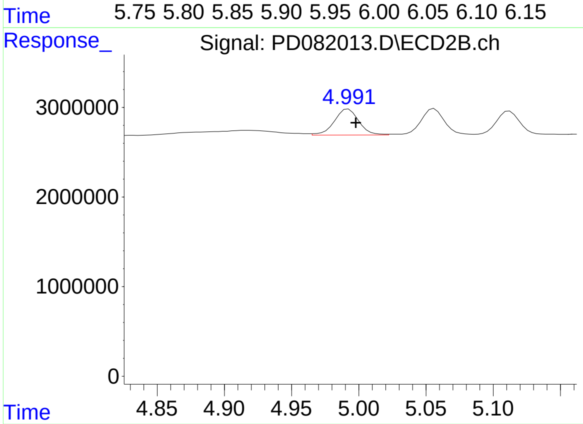
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: -0.006 min
Response: 3143897
Conc: 1.05 ng/ml



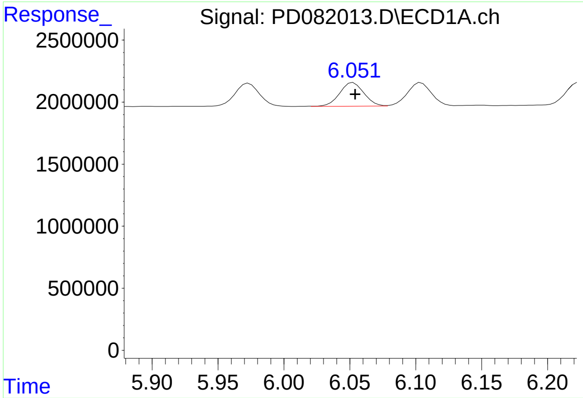
#10 trans-Chlordane

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 2411415
Conc: 1.10 ng/ml



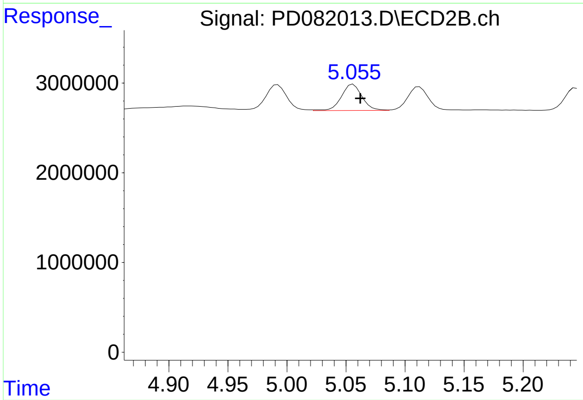
#10 trans-Chlordane

R.T.: 4.992 min
Delta R.T.: -0.006 min
Response: 3675140
Conc: 1.18 ng/ml



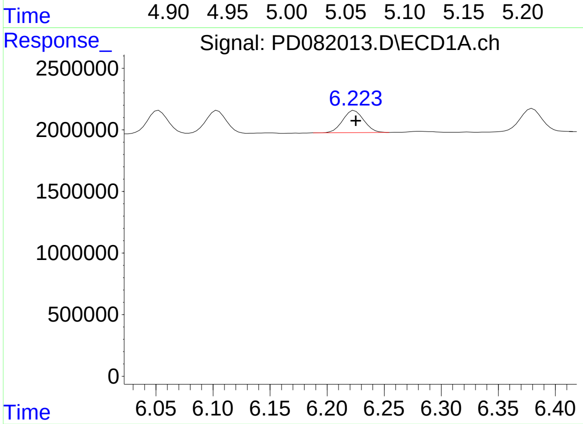
#11 cis-Chlordane

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 2438160
Conc: 1.08 ng/ml



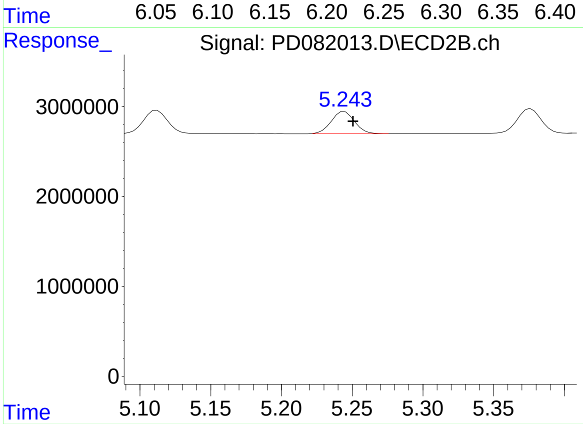
#11 cis-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.006 min
Response: 3533176
Conc: 1.10 ng/ml



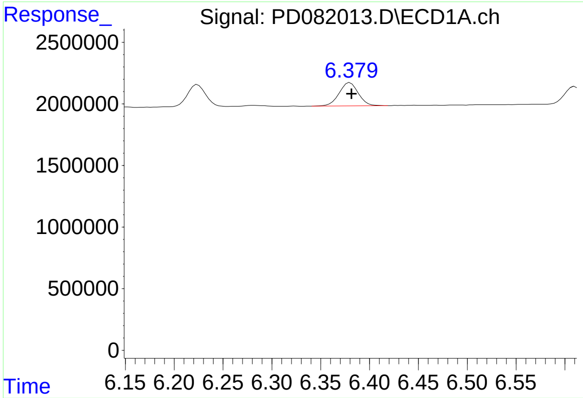
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: -0.001 min
Response: 2303264
Conc: 1.07 ng/ml



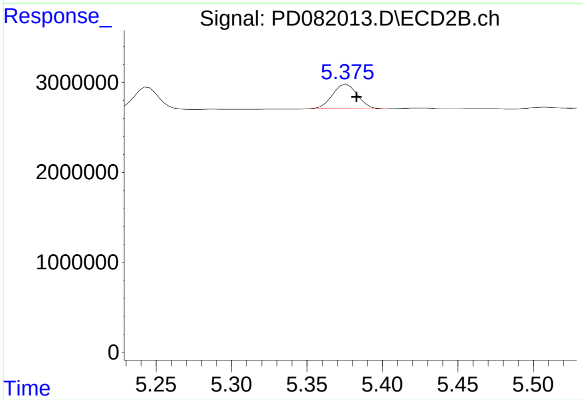
#12 4,4'-DDE

R.T.: 5.245 min
Delta R.T.: -0.006 min
Response: 2823353
Conc: 0.95 ng/ml



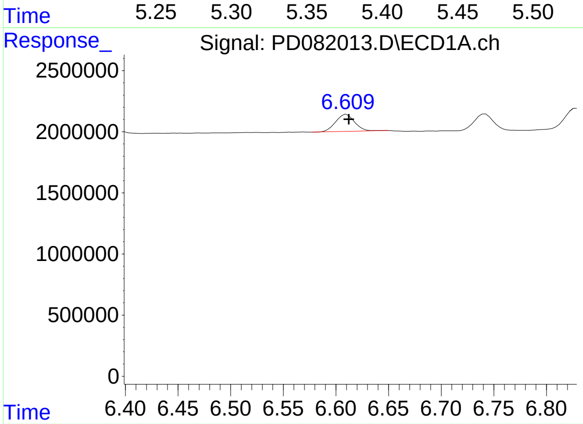
#13 Dieldrin

R.T.: 6.380 min
Delta R.T.: -0.002 min
Response: 2590556
Conc: 1.17 ng/ml



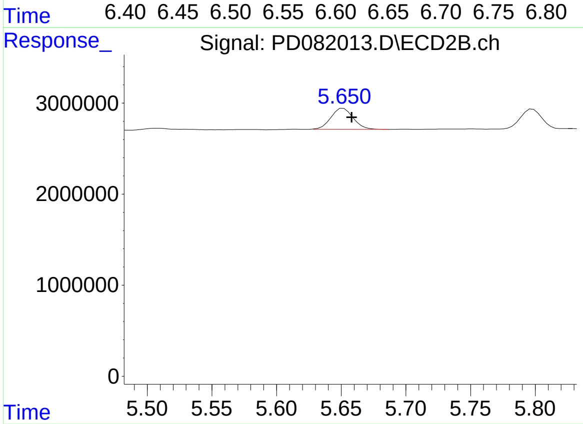
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: -0.006 min
Response: 3137608
Conc: 0.96 ng/ml



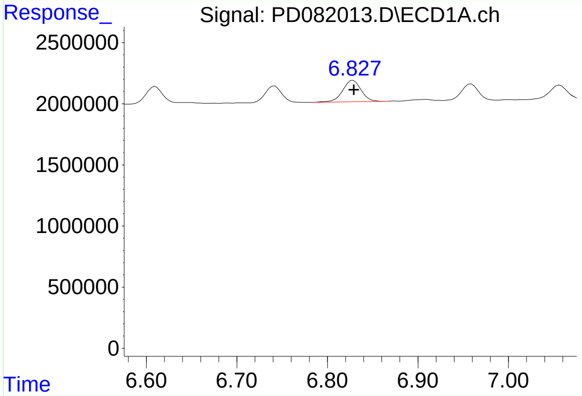
#14 Endrin

R.T.: 6.610 min
Delta R.T.: -0.002 min
Response: 1751782
Conc: 0.93 ng/ml



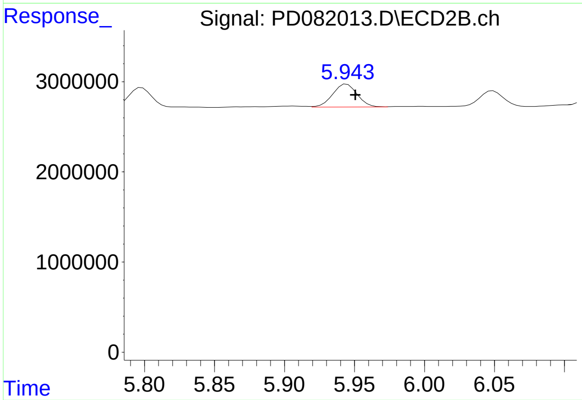
#14 Endrin

R.T.: 5.652 min
Delta R.T.: -0.006 min
Response: 2727951
Conc: 0.95 ng/ml



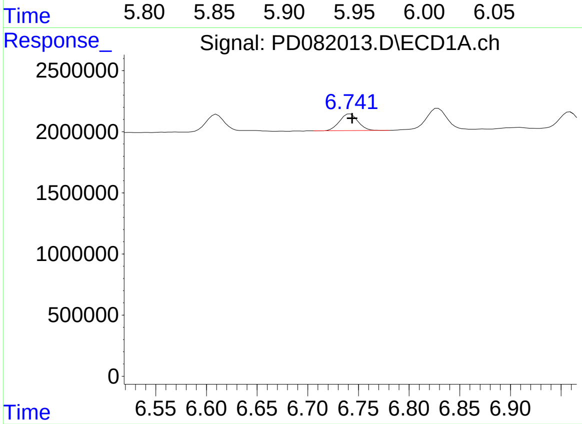
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 2506394
Conc: 1.30 ng/ml



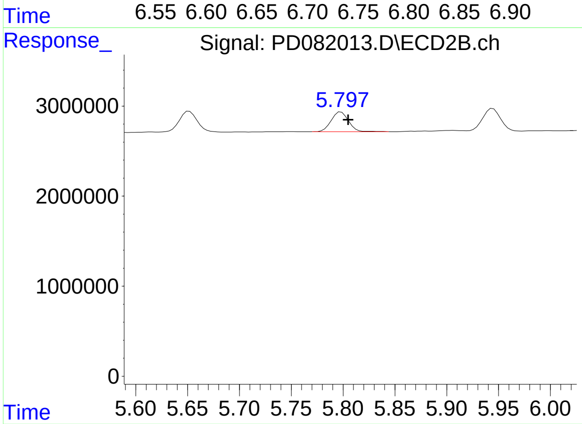
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 3098759
Conc: 1.10 ng/ml



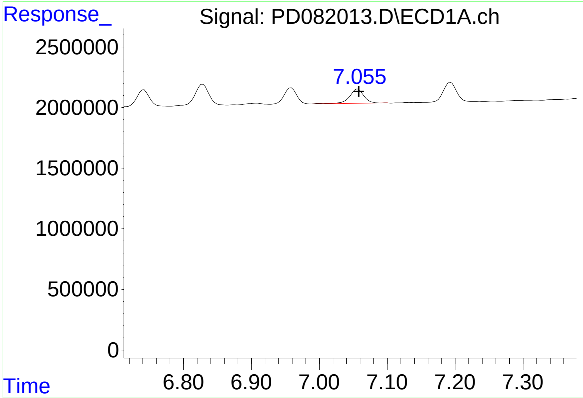
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: -0.002 min
Response: 1726801
Conc: 1.04 ng/ml



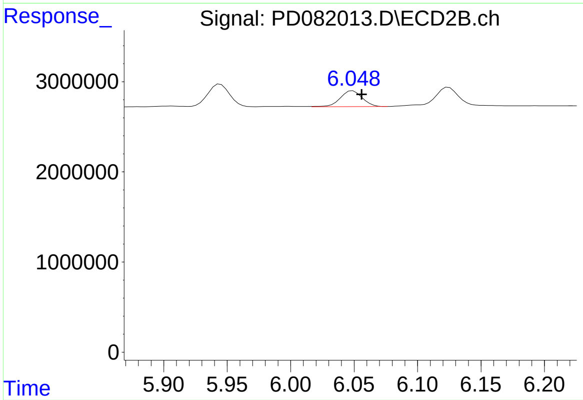
#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: -0.007 min
Response: 2587294
Conc: 1.03 ng/ml



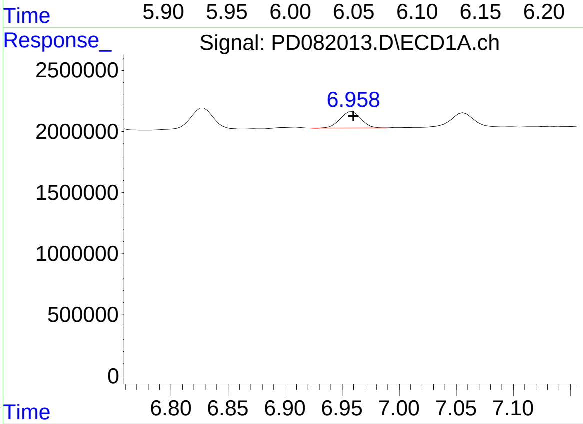
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: -0.001 min
Response: 1707012
Conc: 0.98 ng/ml



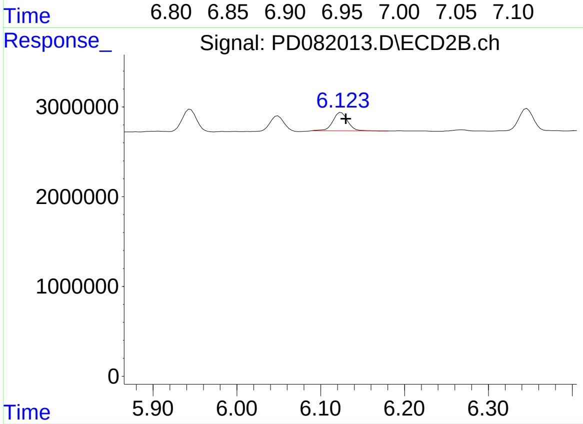
#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: -0.007 min
Response: 2105376
Conc: 0.82 ng/ml



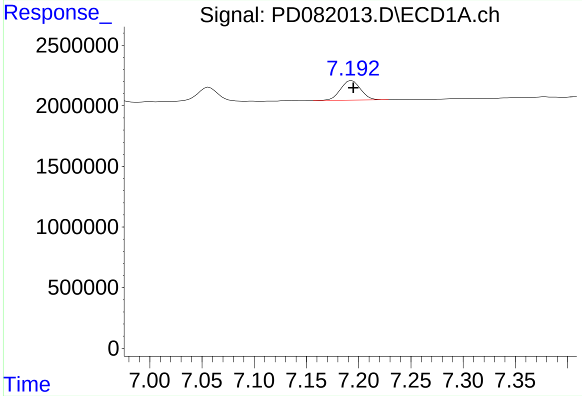
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 1683642
Conc: 1.13 ng/ml



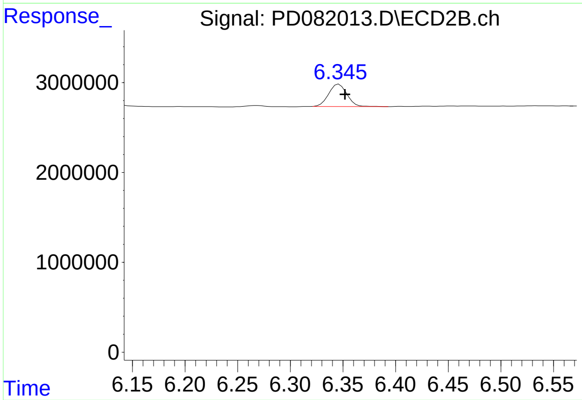
#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: -0.006 min
Response: 2525140
Conc: 1.17 ng/ml



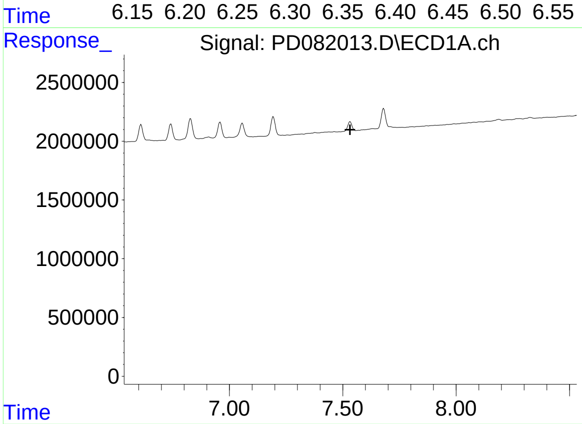
#19 Endosulfan Sulfate

```
      R.T.:    7.194 min
Delta R.T.:   -0.001 min
  Response:   2153056
      Conc:   1.18 ng/ml
```



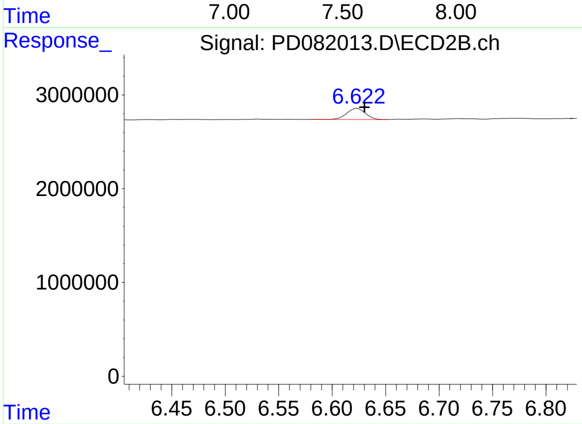
#19 Endosulfan Sulfate

```
      R.T.:    6.346 min
Delta R.T.:   -0.006 min
  Response:   2994394
      Conc:   1.12 ng/ml
```



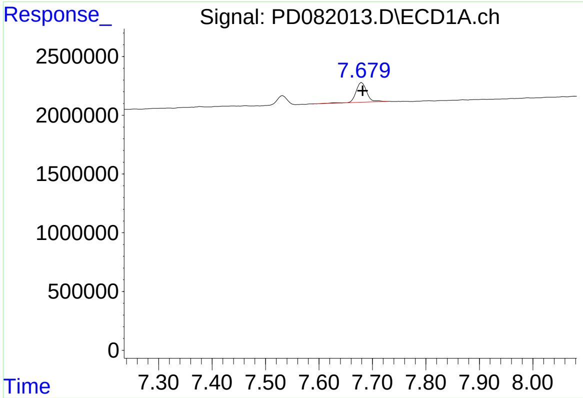
#20 Methoxychlor

```
      R.T.:    0.000 min
Exp R.T.  :    7.532 min
  Response:         0
      Conc:   N.D.
```



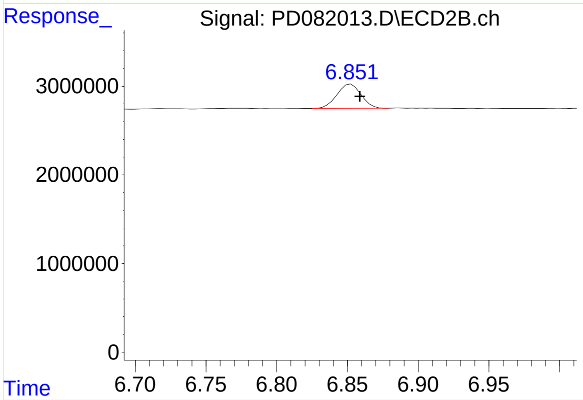
#20 Methoxychlor

```
      R.T.:    6.624 min
Delta R.T.:   -0.007 min
  Response:   1430524
      Conc:   1.07 ng/ml
```



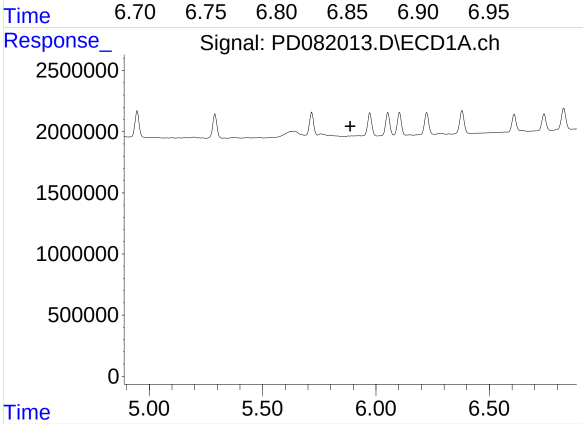
#21 Endrin ketone

R.T.: 7.680 min
Delta R.T.: -0.002 min
Response: 2330140
Conc: 1.21 ng/ml



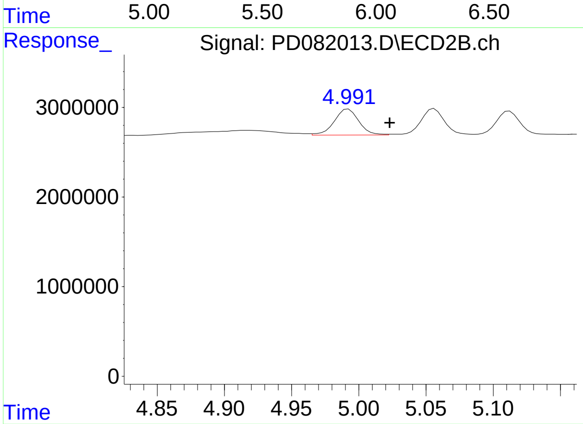
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.006 min
Response: 3236215
Conc: 1.08 ng/ml



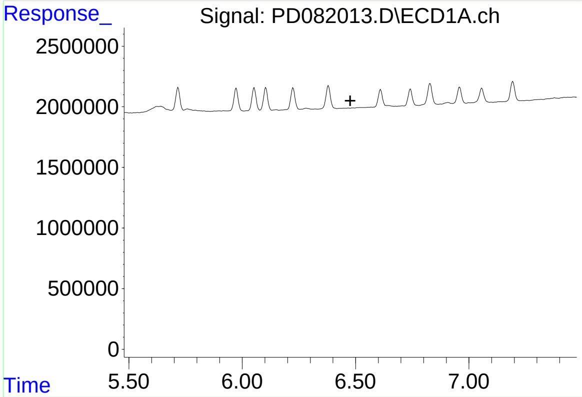
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.886 min
Response: 0
Conc: N.D.



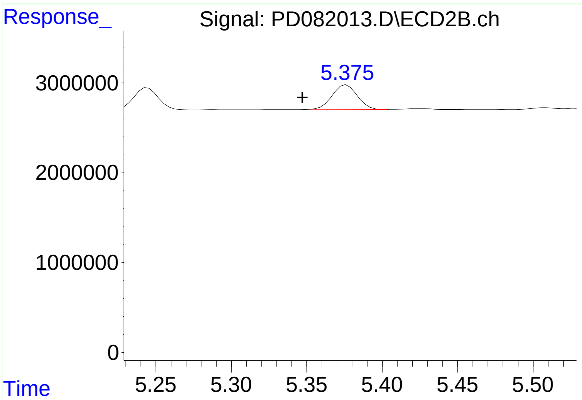
#22 Toxaphene-1

R.T.: 4.992 min
Delta R.T.: -0.031 min
Response: 3675140
Conc: 224.47 ng/ml



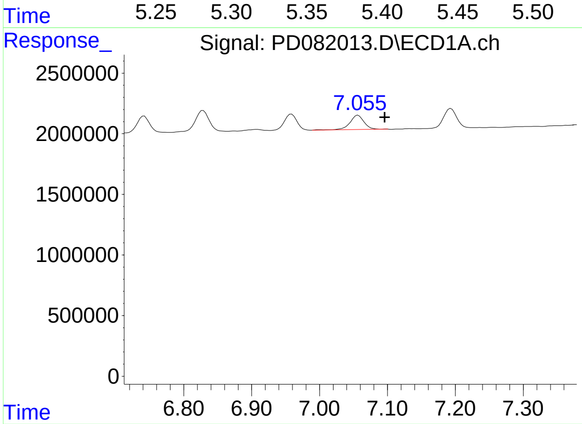
#23 Toxaphene-2

R.T.: 0.000 min
Exp R.T. : 6.477 min
Response: 0
Conc: N.D.



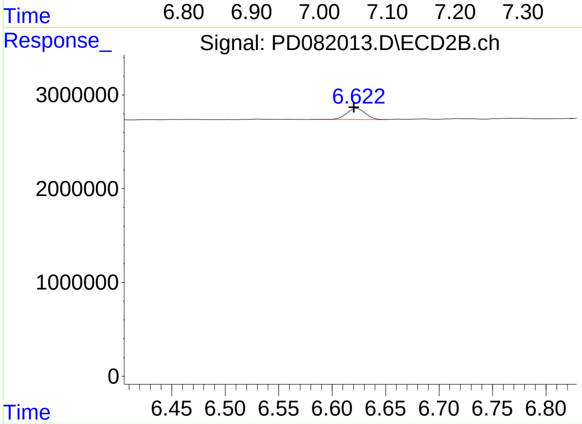
#23 Toxaphene-2

R.T.: 5.376 min
Delta R.T.: 0.029 min
Response: 3137608
Conc: 184.10 ng/ml



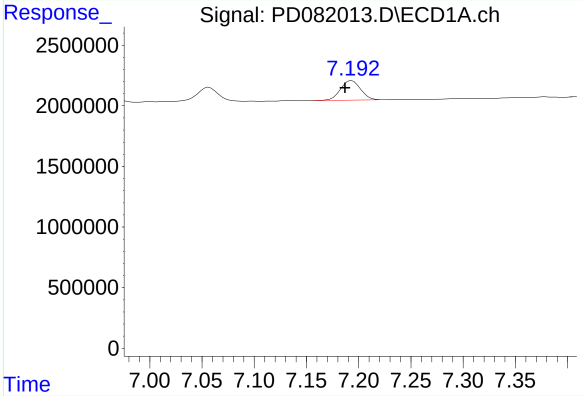
#24 Toxaphene-3

R.T.: 7.057 min
Delta R.T.: -0.039 min
Response: 1707012
Conc: 32.28 ng/ml



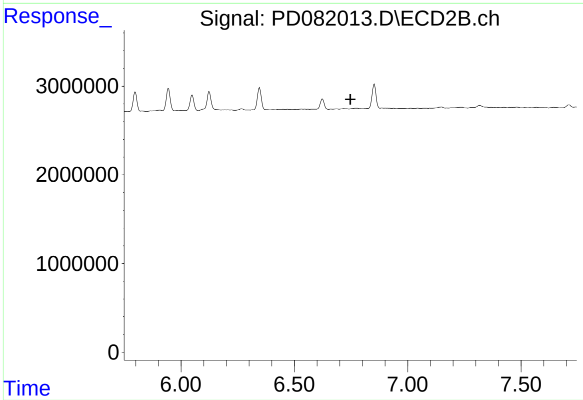
#24 Toxaphene-3

R.T.: 6.624 min
Delta R.T.: 0.004 min
Response: 1430524
Conc: 24.44 ng/ml



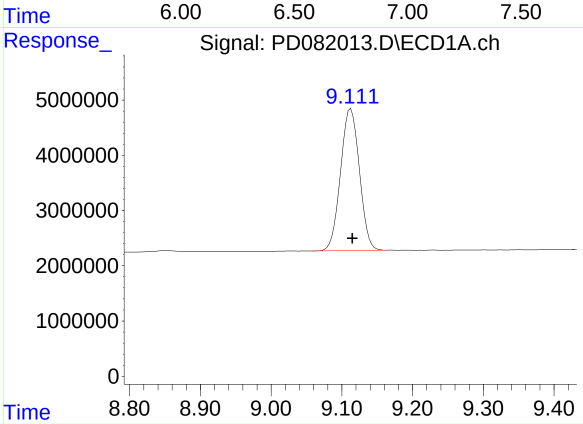

```
#25  Toxaphene-4

      R.T.:    7.194 min
Delta R.T.:    0.007 min
  Response:   2153056
      Conc:  54.43 ng/ml
```



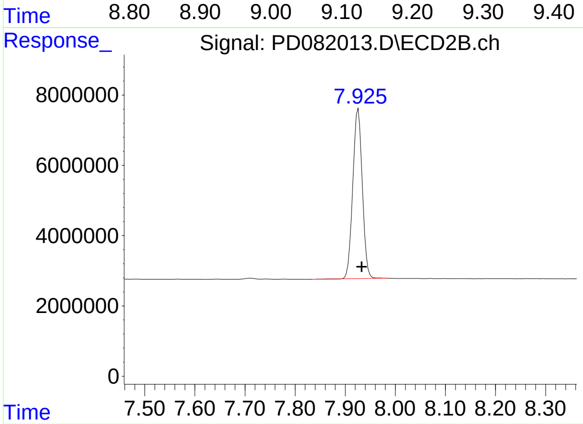

```
#25  Toxaphene-4

      R.T.:    0.000 min
Exp R.T.  :    6.747 min
  Response:          0
      Conc:   N.D.
```




```
#27  Decachlorobiphenyl

      R.T.:    9.113 min
Delta R.T.:   -0.002 min
  Response:  47640027
      Conc:  24.69 ng/ml
```




```
#27  Decachlorobiphenyl

      R.T.:    7.926 min
Delta R.T.:   -0.007 min
  Response:  63861159
      Conc:  25.74 ng/ml
```