Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110922\
Data File : PL078946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2022 09:39
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:50:46 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
Quant Title : GC Extractables
QLast Update : Fri Oct 21 07:08:41 2022
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1) SA	Tetrachlo...	3.326	2.567	97643437	120.5E6	51.202	47.214	
28) SA	Decachlor...	8.774	7.636	77698121	95745962	51.649	50.549	
	Target Compounds							
2) A	alpha-BHC	3.787	3.054	152.0E6	186.3E6	52.939	47.187	
3) MA	gamma-BHC...	4.120	3.375	142.3E6	172.4E6	53.262	47.967	
4) MA	Heptachlor	4.690	3.702	145.0E6	168.1E6	55.859	48.482	
5) MB	Aldrin	5.028	3.974	134.7E6	169.4E6	54.399	48.380	
6) B	beta-BHC	4.335	3.675	60398280	67443107	52.430	47.004	
7) B	delta-BHC	4.575	3.895	121.2E6	172.5E6	53.250	47.368	
8) B	Heptachlo...	5.461	4.470	121.8E6	145.1E6	57.393	48.146	
9) A	Endosulfan I	5.845	4.833	115.9E6	139.7E6	54.311	48.791	
10) B	gamma-Chl...	5.716	4.718	123.6E6	146.5E6	54.780	47.803	
11) B	alpha-Chl...	5.793	4.781	125.0E6	144.3E6	54.024	48.424	
12) B	4,4'-DDE	5.976	4.975	108.2E6	133.1E6	54.065	48.902	
13) MA	Dieldrin	6.122	5.095	114.7E6	142.5E6	53.168	48.078	
14) MA	Endrin	6.353	5.366	94225755	122.0E6	49.649	46.822	
15) B	Endosulfa...	6.582	5.662	92251558	117.5E6	49.170	51.611	
16) A	4,4'-DDD	6.500	5.526	89329870	114.0E6	53.586	51.897	
17) MA	4,4'-DDT	6.810	5.772	89599823	99857119	49.991	46.036	
18) B	Endrin al...	6.714	5.841	76842553	92690413	52.811	49.388	
19) B	Endosulfa...	6.947	6.064	96722913	121.4E6	52.569	51.006	
20) A	Methoxychlor	7.294	6.350	46721652	57575457	50.735	50.736	
21) B	Endrin ke...	7.433	6.559	102.7E6	138.1E6	54.564	53.413	
22)	Mirex	7.889	6.731	76150495	97551048	52.164	49.570	
23)	Chlordane-1	0.000	3.537	0	154427	N.D.	1.531	#
24)	Chlordane-2	5.028f	0.000	134.7E6	0	1628.273	N.D.	#
25)	Chlordane-3	5.716	4.718	123.6E6	146.5E6	370.153	480.633	#
26)	Chlordane-4	5.793	4.781	125.0E6	144.3E6	304.476	441.672	#
27)	Chlordane-5	0.000	5.464f	0	602042	N.D.	7.382	#

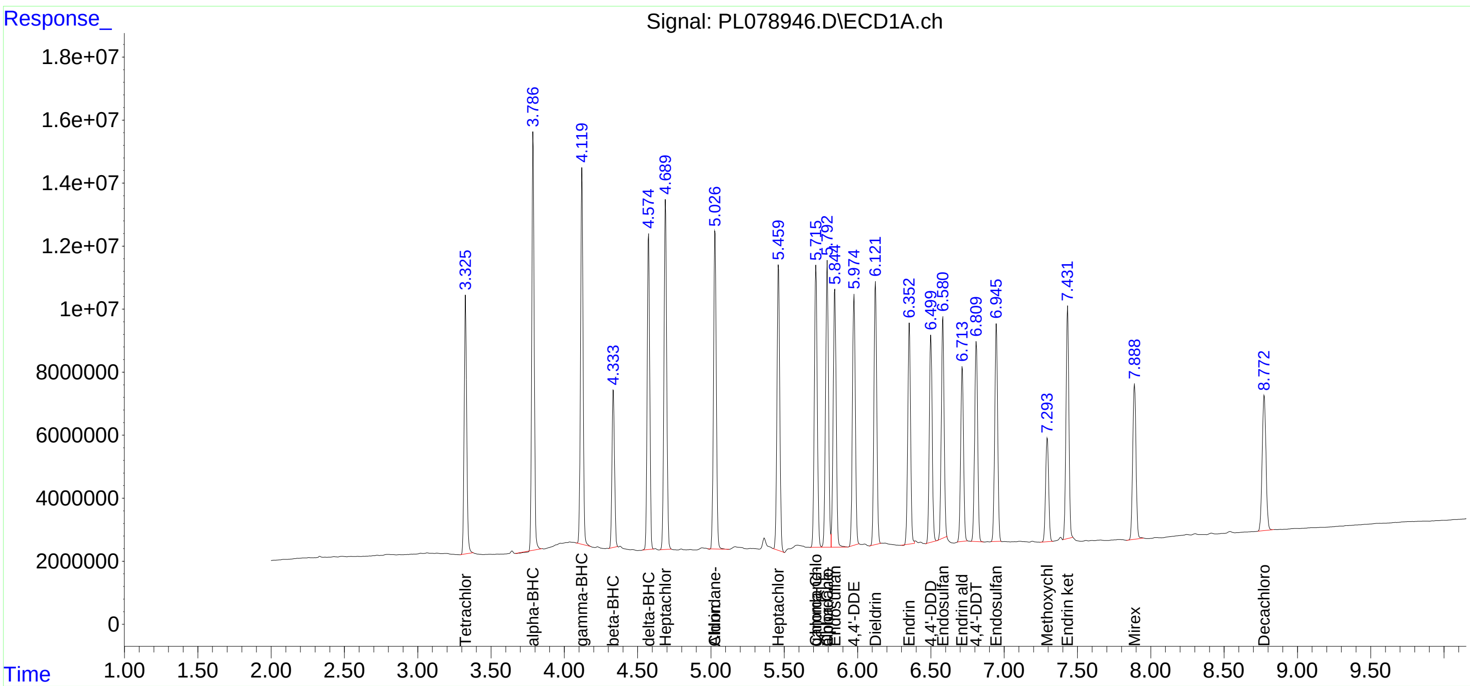
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

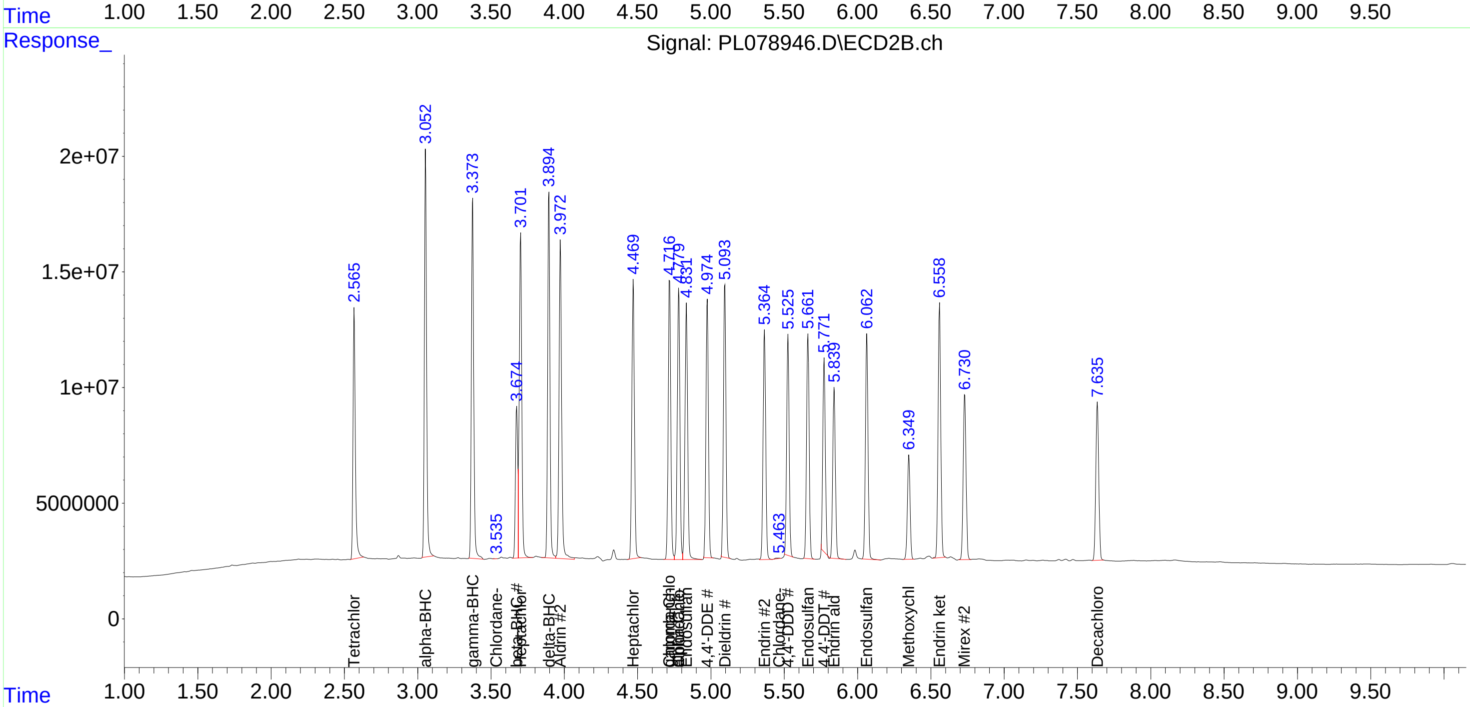
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110922\
Data File : PL078946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2022 09:39
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

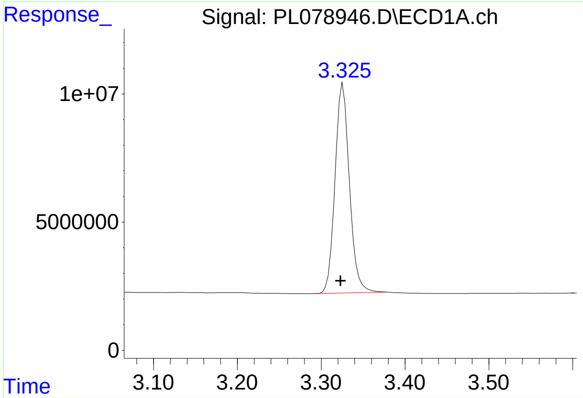
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:50:46 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
Quant Title : GC Extractables
QLast Update : Fri Oct 21 07:08:41 2022
Response via : Initial Calibration
Integrator: ChemStation

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



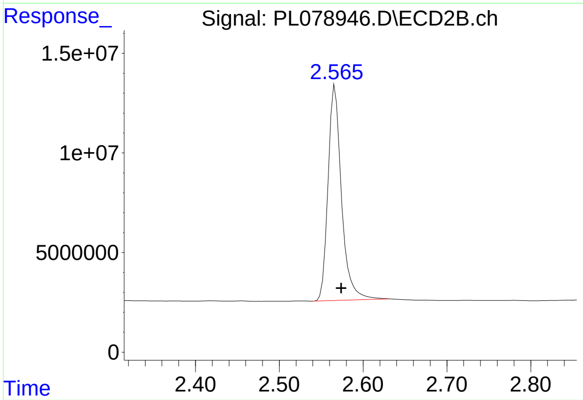




#1 Tetrachloro-m-xylene

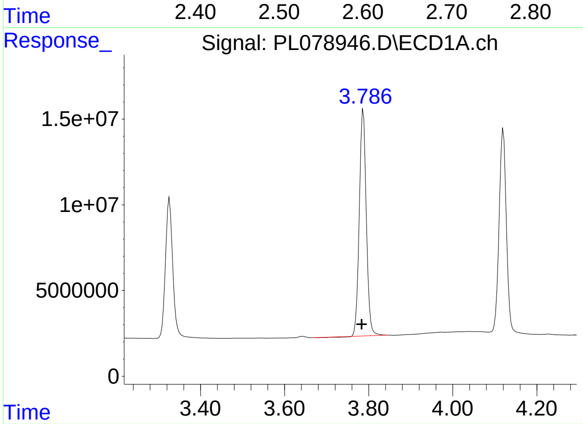
R.T.: 3.326 min
Delta R.T.: 0.003 min
Response: 97643437
Conc: 51.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



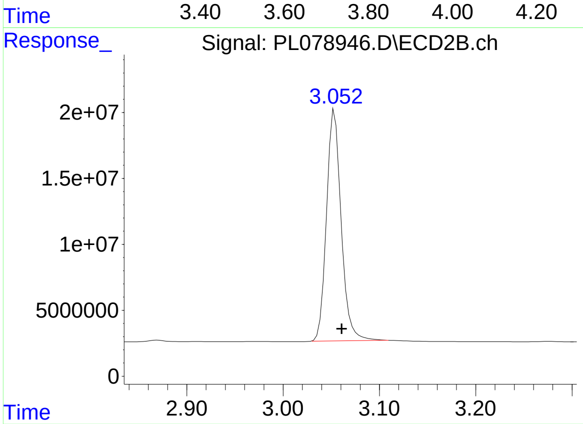
#1 Tetrachloro-m-xylene

R.T.: 2.567 min
Delta R.T.: -0.007 min
Response: 120545696
Conc: 47.21 ng/ml



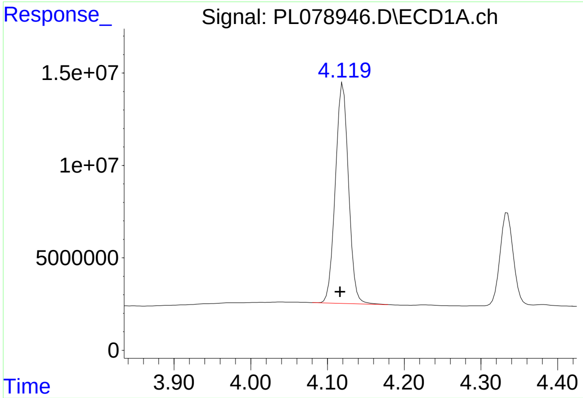
#2 alpha-BHC

R.T.: 3.787 min
Delta R.T.: 0.004 min
Response: 152006903
Conc: 52.94 ng/ml



#2 alpha-BHC

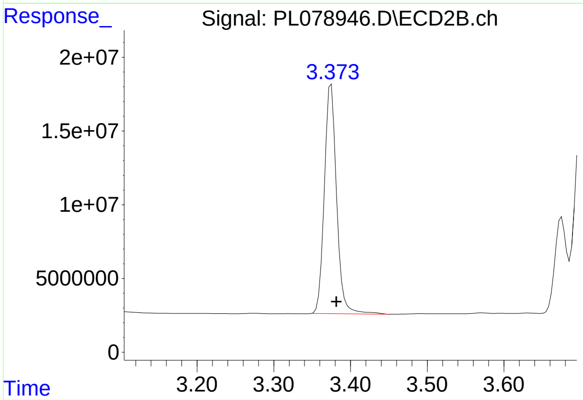
R.T.: 3.054 min
Delta R.T.: -0.007 min
Response: 186341311
Conc: 47.19 ng/ml



#3 gamma-BHC (Lindane)

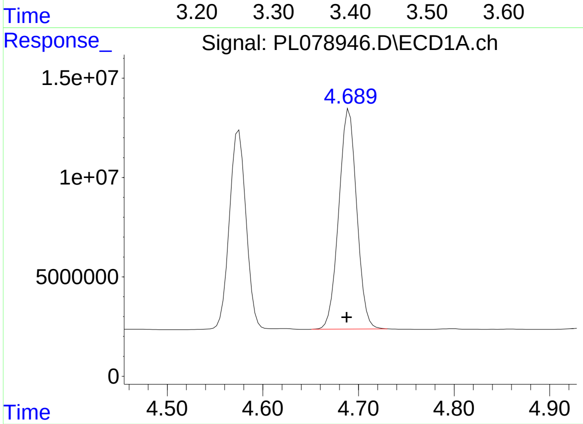
R.T.: 4.120 min
Delta R.T.: 0.004 min
Response: 142301701
Conc: 53.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



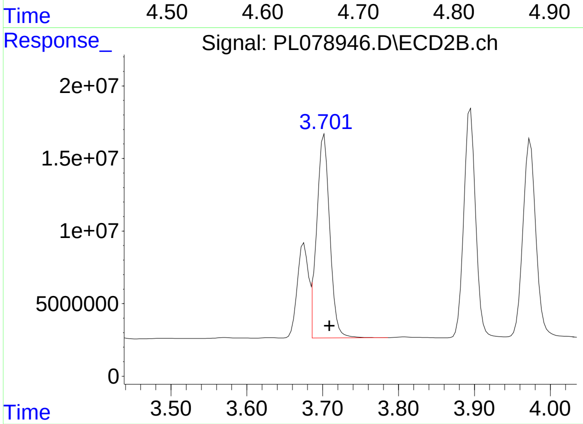
#3 gamma-BHC (Lindane)

R.T.: 3.375 min
Delta R.T.: -0.007 min
Response: 172402294
Conc: 47.97 ng/ml



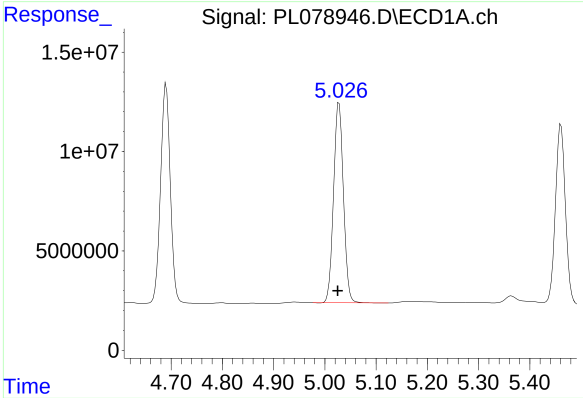
#4 Heptachlor

R.T.: 4.690 min
Delta R.T.: 0.003 min
Response: 145010685
Conc: 55.86 ng/ml



#4 Heptachlor

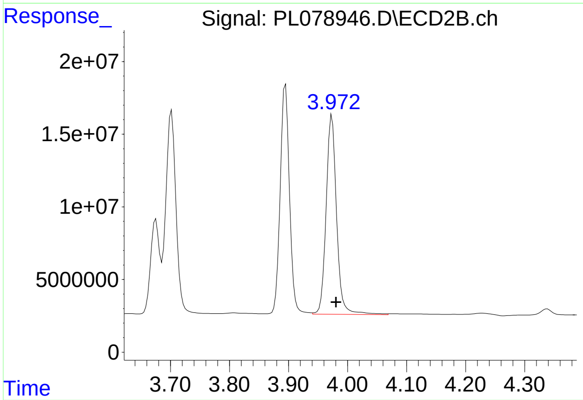
R.T.: 3.702 min
Delta R.T.: -0.007 min
Response: 168125883
Conc: 48.48 ng/ml



#5 Aldrin

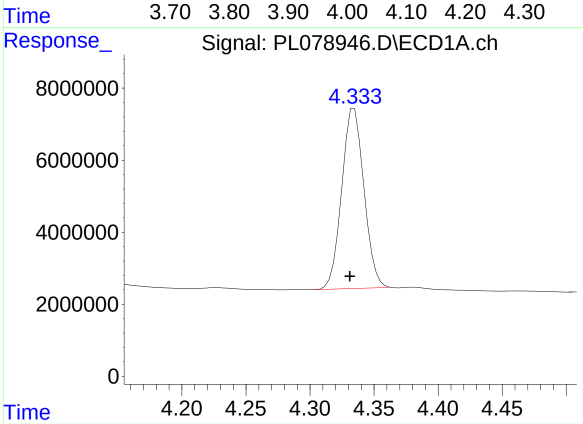
R.T.: 5.028 min
Delta R.T.: 0.003 min
Response: 134729515
Conc: 54.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



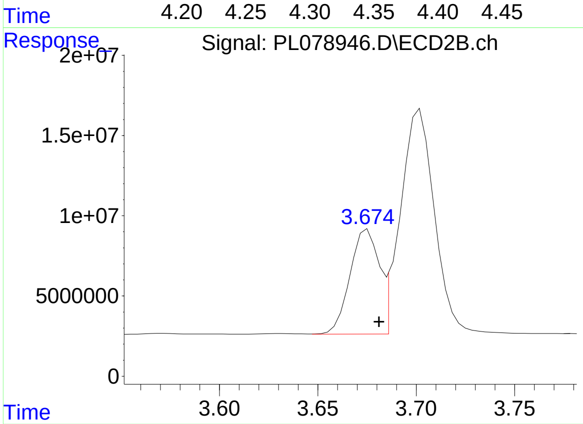
#5 Aldrin

R.T.: 3.974 min
Delta R.T.: -0.007 min
Response: 169413417
Conc: 48.38 ng/ml



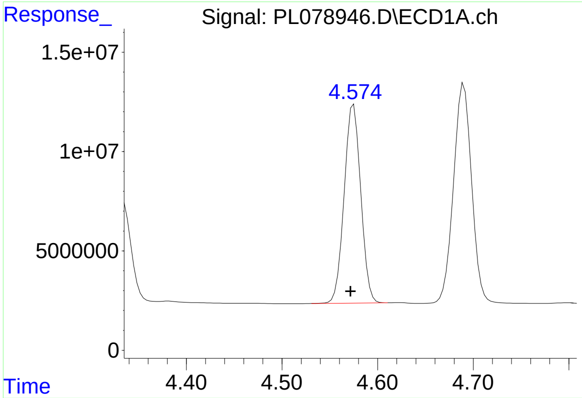
#6 beta-BHC

R.T.: 4.335 min
Delta R.T.: 0.003 min
Response: 60398280
Conc: 52.43 ng/ml



#6 beta-BHC

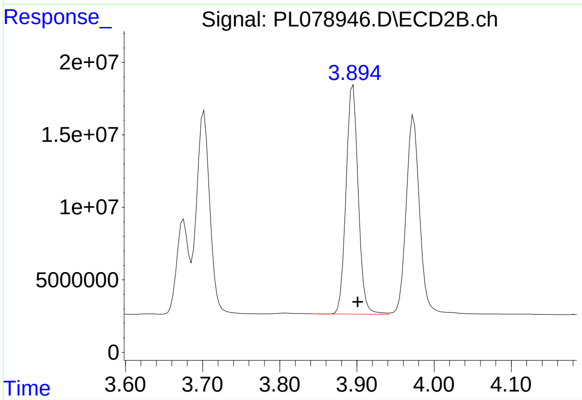
R.T.: 3.675 min
Delta R.T.: -0.006 min
Response: 67443107
Conc: 47.00 ng/ml



#7 delta-BHC

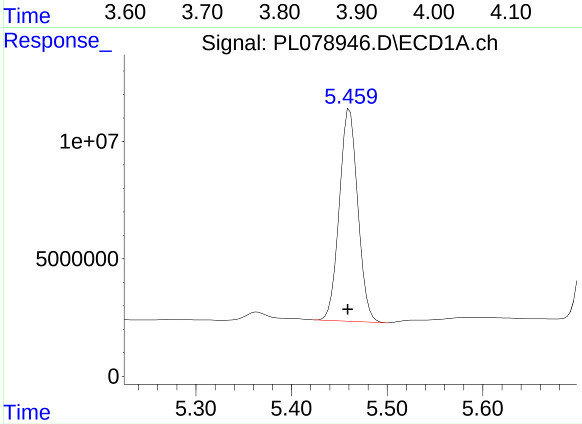
R.T.: 4.575 min
Delta R.T.: 0.003 min
Response: 121243126
Conc: 53.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



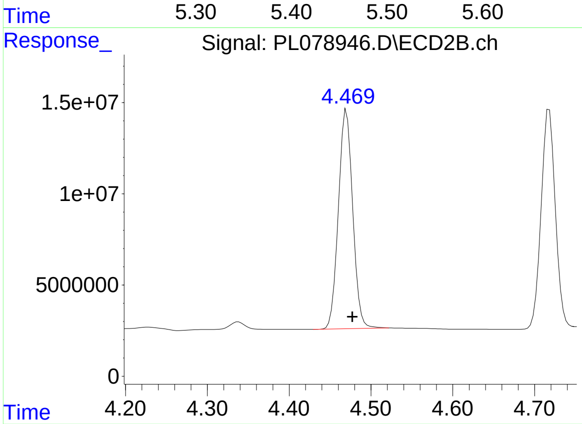
#7 delta-BHC

R.T.: 3.895 min
Delta R.T.: -0.006 min
Response: 172480692
Conc: 47.37 ng/ml



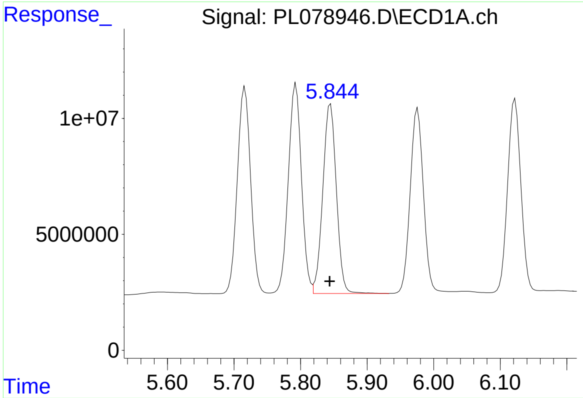
#8 Heptachlor epoxide

R.T.: 5.461 min
Delta R.T.: 0.002 min
Response: 121845417
Conc: 57.39 ng/ml



#8 Heptachlor epoxide

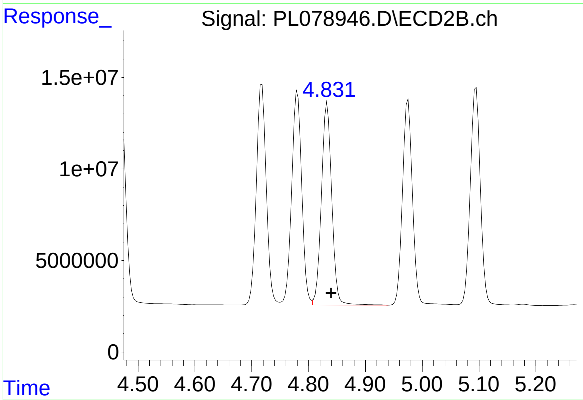
R.T.: 4.470 min
Delta R.T.: -0.007 min
Response: 145076305
Conc: 48.15 ng/ml



#9 Endosulfan I

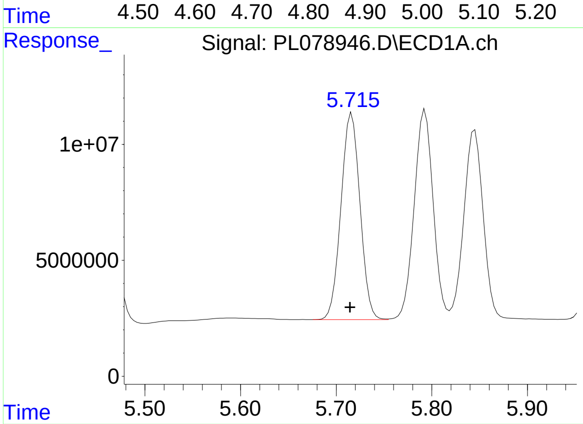
```
      R.T.:    5.845 min
Delta R.T.:    0.001 min
  Response: 115876895
      Conc:   54.31 ng/ml
```

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



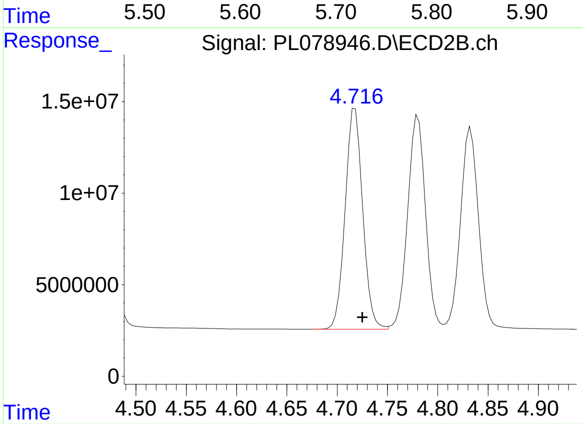
#9 Endosulfan I

```
      R.T.:    4.833 min
Delta R.T.:   -0.007 min
  Response: 139670607
      Conc:   48.79 ng/ml
```



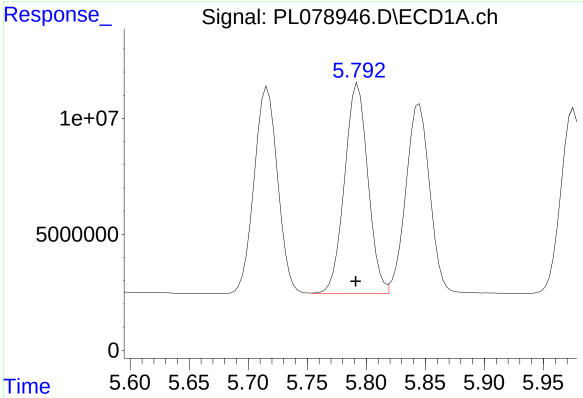
#10 gamma-Chlordane

```
      R.T.:    5.716 min
Delta R.T.:    0.002 min
  Response: 123647166
      Conc:   54.78 ng/ml
```



#10 gamma-Chlordane

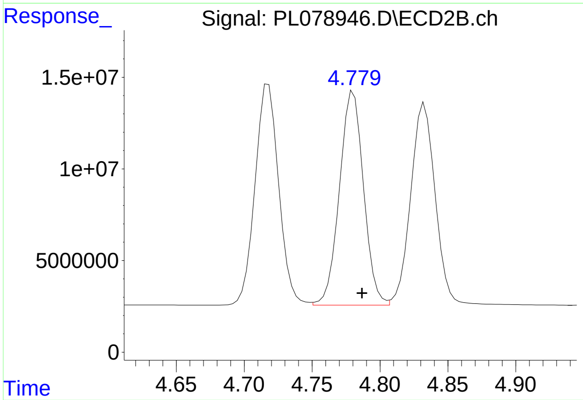
```
      R.T.:    4.718 min
Delta R.T.:   -0.007 min
  Response: 146489567
      Conc:   47.80 ng/ml
```



#11 alpha-Chlordane

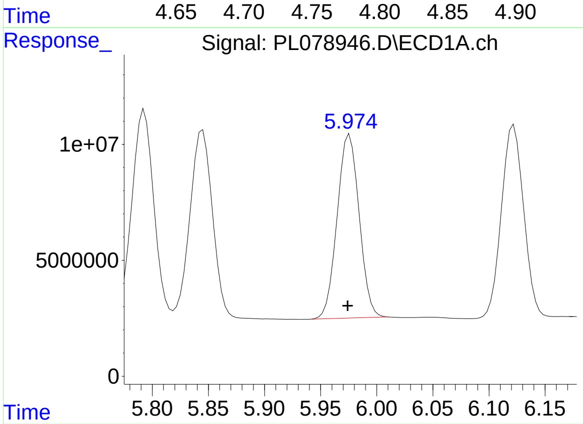
R.T.: 5.793 min
Delta R.T.: 0.002 min
Response: 124999442
Conc: 54.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



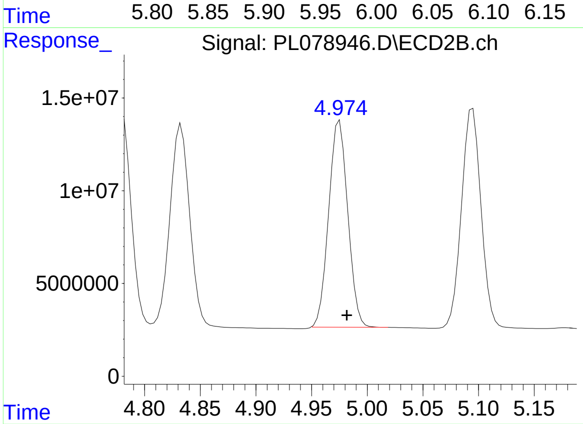
#11 alpha-Chlordane

R.T.: 4.781 min
Delta R.T.: -0.006 min
Response: 144322280
Conc: 48.42 ng/ml



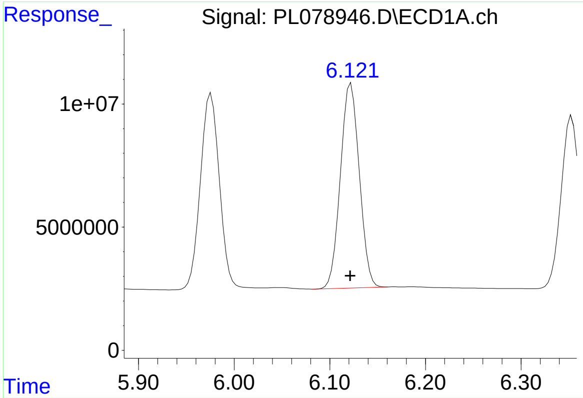
#12 4,4'-DDE

R.T.: 5.976 min
Delta R.T.: 0.002 min
Response: 108203983
Conc: 54.07 ng/ml



#12 4,4'-DDE

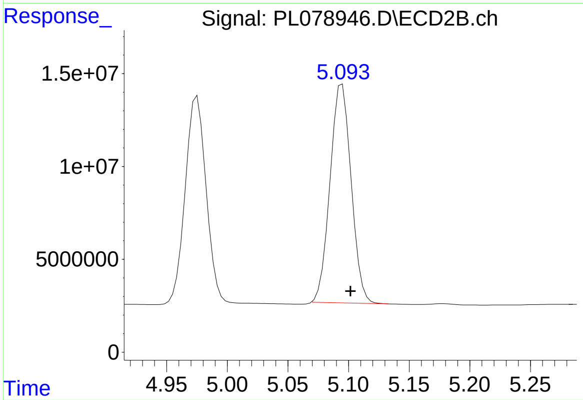
R.T.: 4.975 min
Delta R.T.: -0.007 min
Response: 133136345
Conc: 48.90 ng/ml



#13 Dieldrin

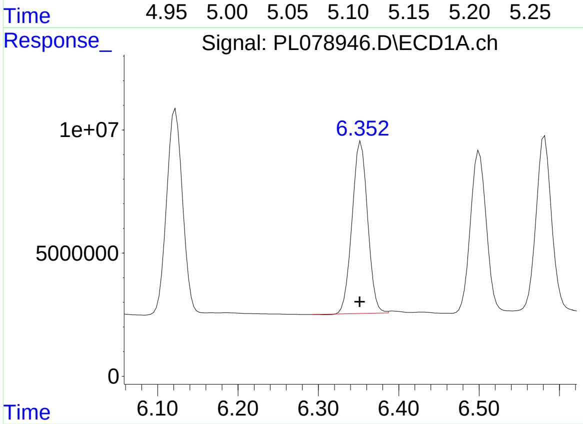
R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 114656813
Conc: 53.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



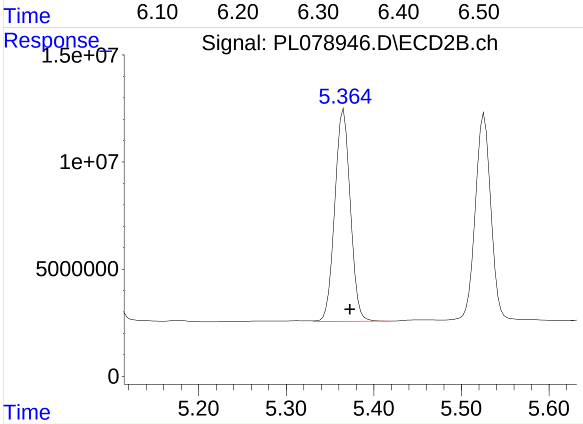
#13 Dieldrin

R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 142460817
Conc: 48.08 ng/ml



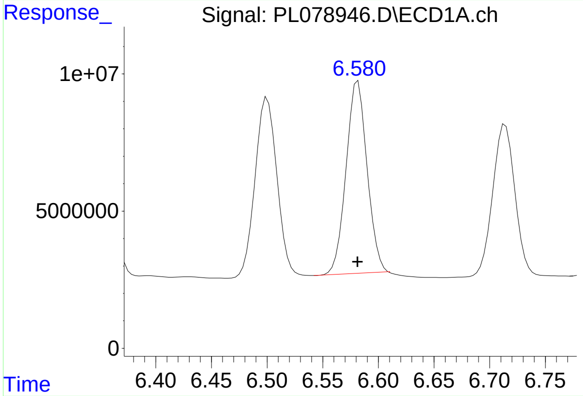
#14 Endrin

R.T.: 6.353 min
Delta R.T.: 0.002 min
Response: 94225755
Conc: 49.65 ng/ml



#14 Endrin

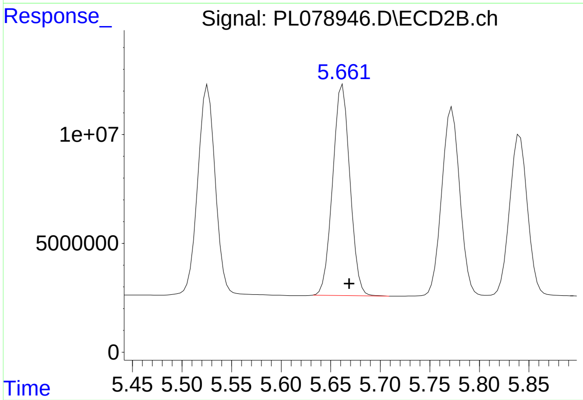
R.T.: 5.366 min
Delta R.T.: -0.007 min
Response: 121983293
Conc: 46.82 ng/ml



#15 Endosulfan II

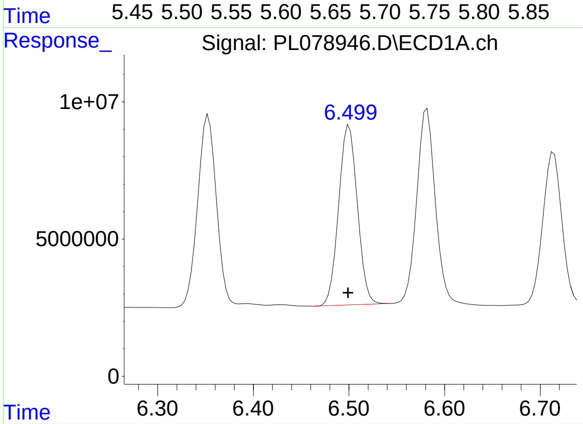
R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 92251558
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



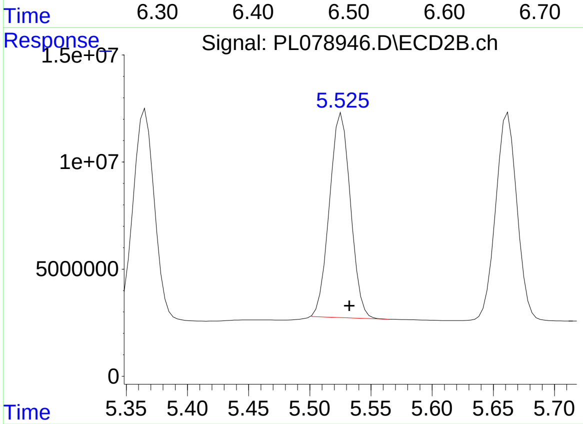
#15 Endosulfan II

R.T.: 5.662 min
Delta R.T.: -0.006 min
Response: 117479801
Conc: 51.61 ng/ml



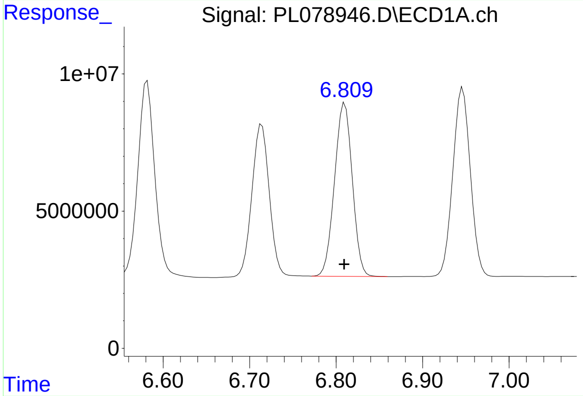
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: 0.001 min
Response: 89329870
Conc: 53.59 ng/ml



#16 4,4'-DDD

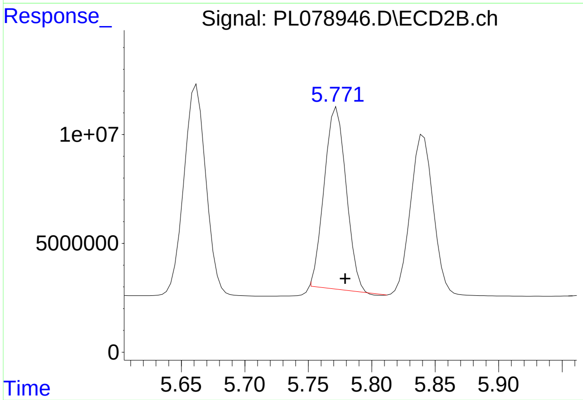
R.T.: 5.526 min
Delta R.T.: -0.006 min
Response: 113985352
Conc: 51.90 ng/ml



#17 4,4'-DDT

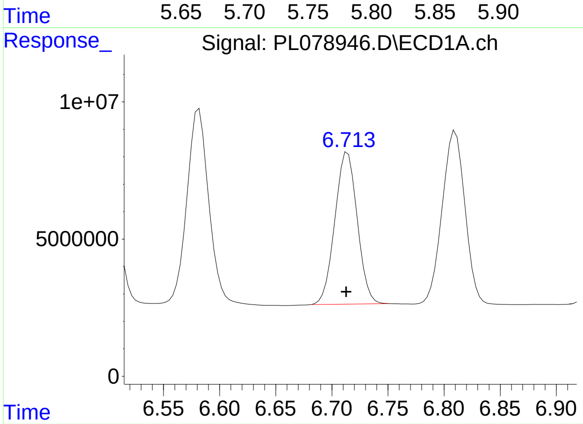
R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 89599823
Conc: 49.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



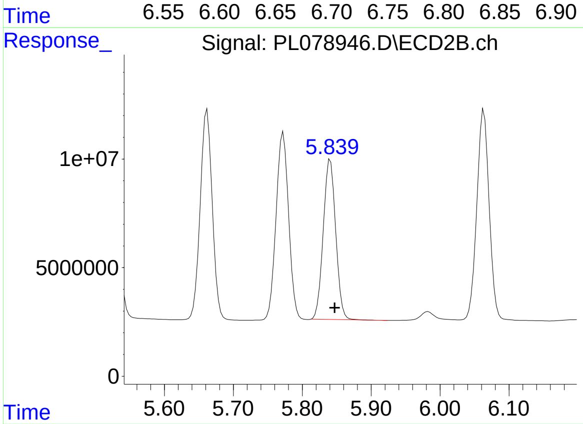
#17 4,4'-DDT

R.T.: 5.772 min
Delta R.T.: -0.007 min
Response: 99857119
Conc: 46.04 ng/ml



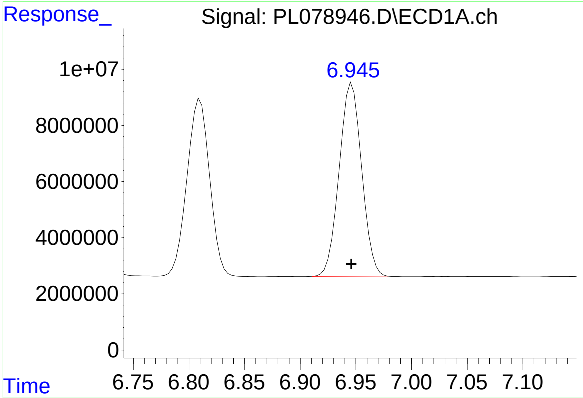
#18 Endrin aldehyde

R.T.: 6.714 min
Delta R.T.: 0.001 min
Response: 76842553
Conc: 52.81 ng/ml



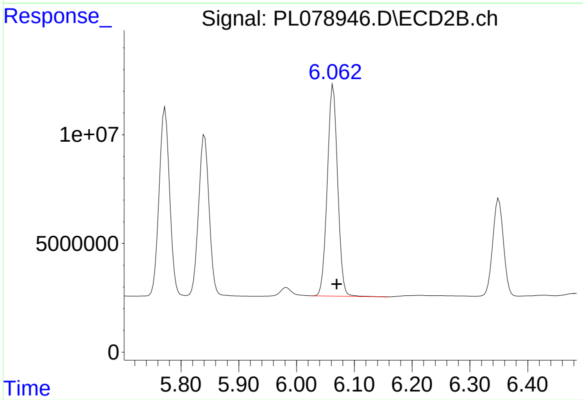
#18 Endrin aldehyde

R.T.: 5.841 min
Delta R.T.: -0.006 min
Response: 92690413
Conc: 49.39 ng/ml

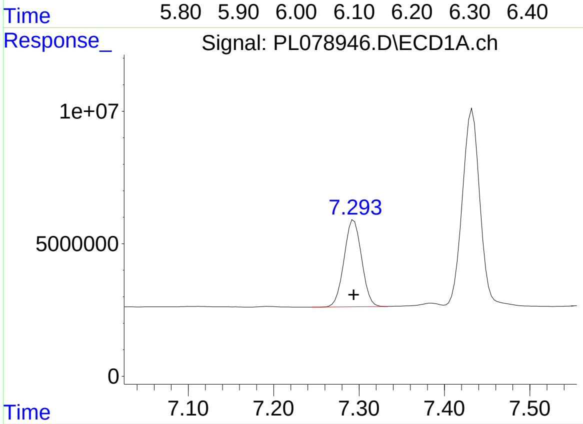



```
#19  Endosulfan Sulfate

      R.T.:    6.947 min
Delta R.T.:    0.000 min
  Response:  96722913
      Conc:  52.57 ng/ml
```

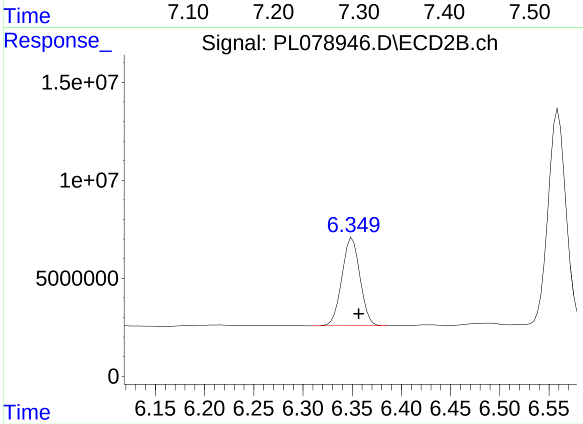
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



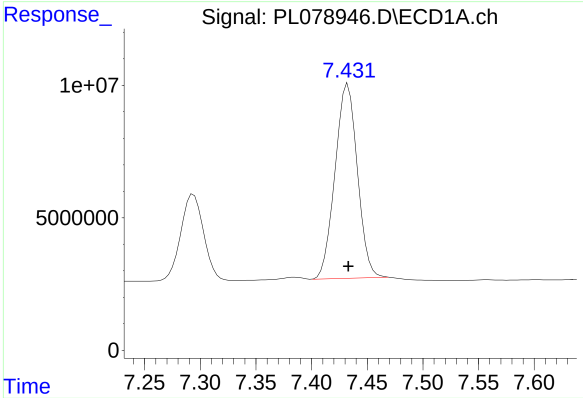

```
#19  Endosulfan Sulfate

      R.T.:    6.064 min
Delta R.T.:   -0.006 min
  Response: 121420241
      Conc:  51.01 ng/ml
```




```
#20  Methoxychlor

      R.T.:    7.294 min
Delta R.T.:    0.000 min
  Response:  46721652
      Conc:  50.74 ng/ml
```



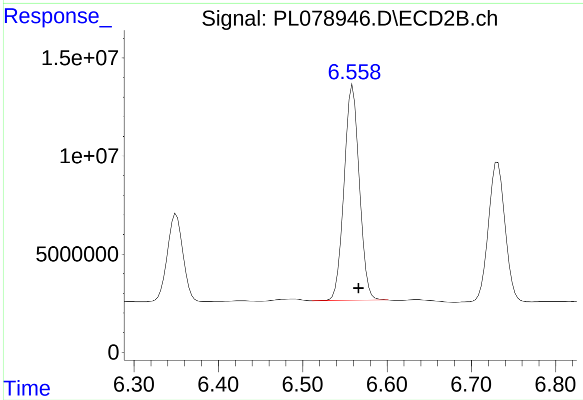

```
#20  Methoxychlor

      R.T.:    6.350 min
Delta R.T.:   -0.007 min
  Response:  57575457
      Conc:  50.74 ng/ml
```



#21 Endrin ketone

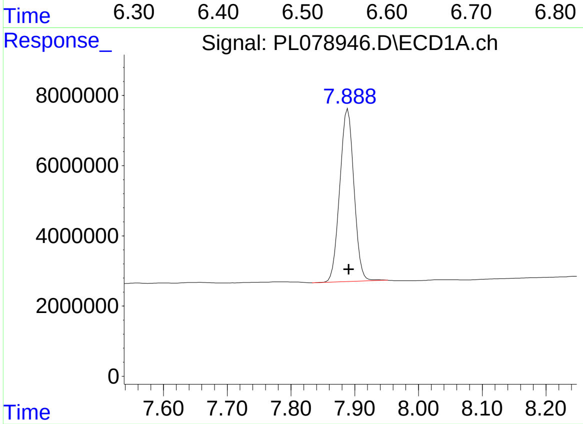
R.T.: 7.433 min
Delta R.T.: 0.000 min
Response: 102655578
Conc: 54.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



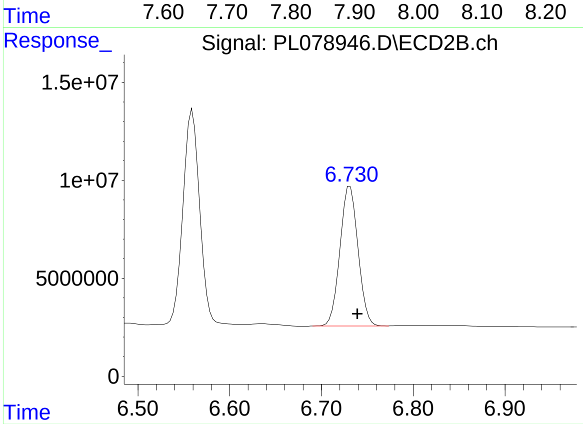
#21 Endrin ketone

R.T.: 6.559 min
Delta R.T.: -0.007 min
Response: 138058975
Conc: 53.41 ng/ml



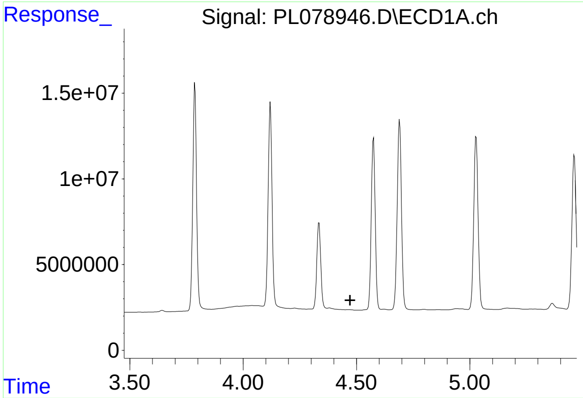
#22 Mirex

R.T.: 7.889 min
Delta R.T.: -0.001 min
Response: 76150495
Conc: 52.16 ng/ml



#22 Mirex

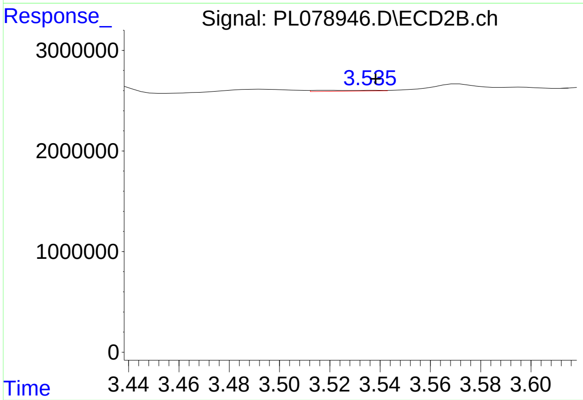
R.T.: 6.731 min
Delta R.T.: -0.008 min
Response: 97551048
Conc: 49.57 ng/ml



#23 Chlordane-1

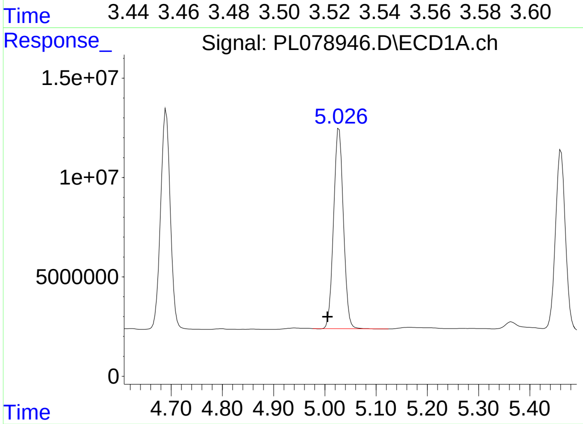
R.T.: 0.000 min
Exp R.T. : 4.472 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



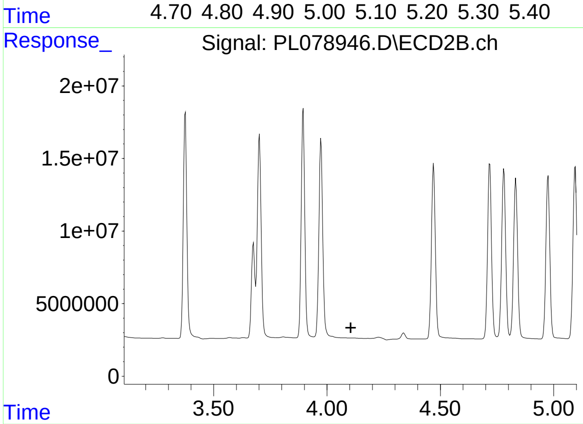
#23 Chlordane-1

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 154427
Conc: 1.53 ng/ml



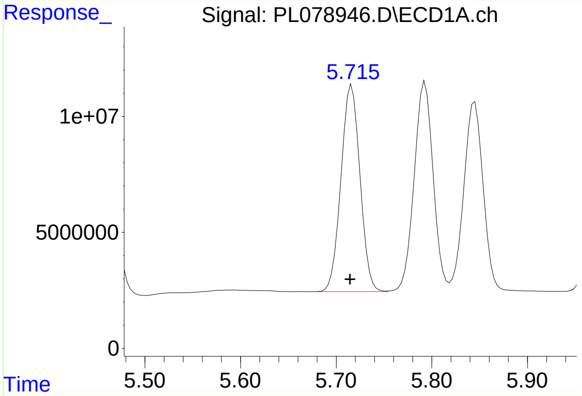
#24 Chlordane-2

R.T.: 5.028 min
Delta R.T.: 0.023 min
Response: 134729515
Conc: 1628.27 ng/ml



#24 Chlordane-2

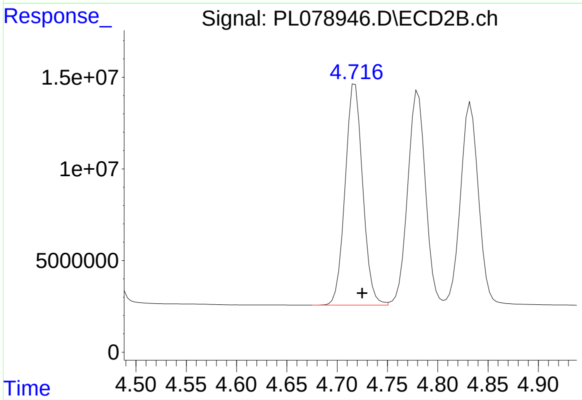
R.T.: 0.000 min
Exp R.T. : 4.105 min
Response: 0
Conc: N.D.



#25 Chlordane-3

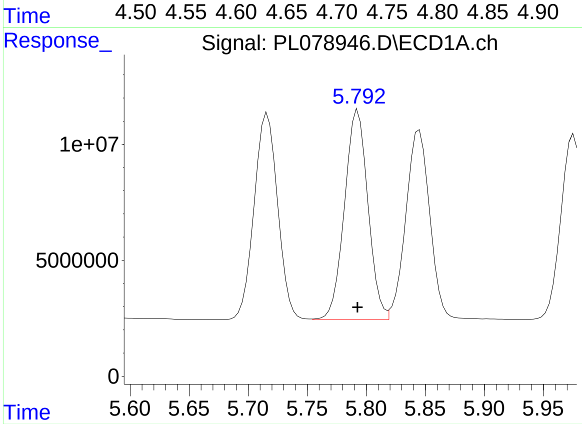
R.T.: 5.716 min
Delta R.T.: 0.002 min
Response: 123647166
Conc: 370.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



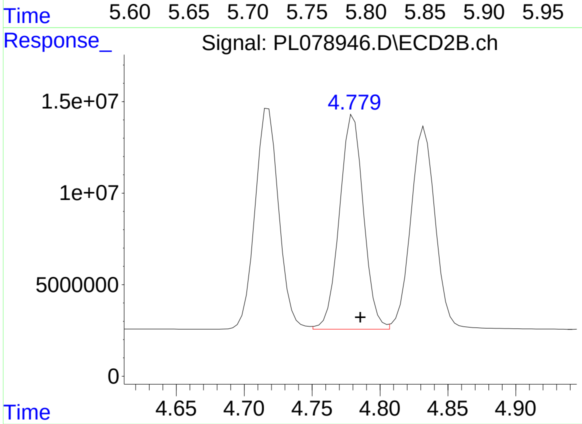
#25 Chlordane-3

R.T.: 4.718 min
Delta R.T.: -0.007 min
Response: 146489567
Conc: 480.63 ng/ml



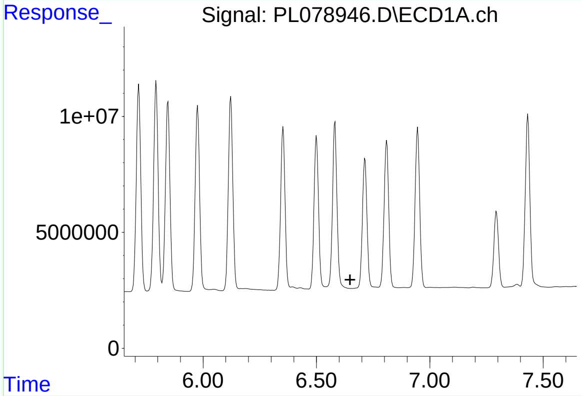
#26 Chlordane-4

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 124999442
Conc: 304.48 ng/ml



#26 Chlordane-4

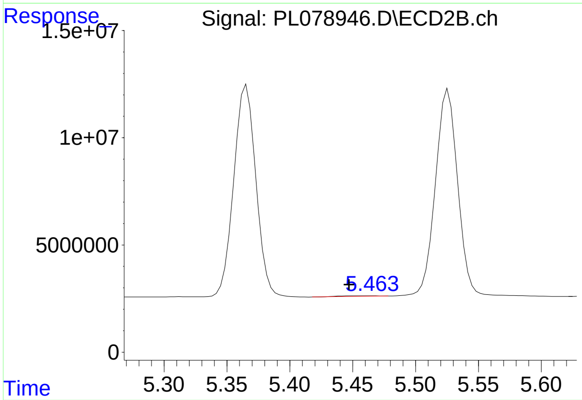
R.T.: 4.781 min
Delta R.T.: -0.005 min
Response: 144322280
Conc: 441.67 ng/ml



#27 Chlordane-5

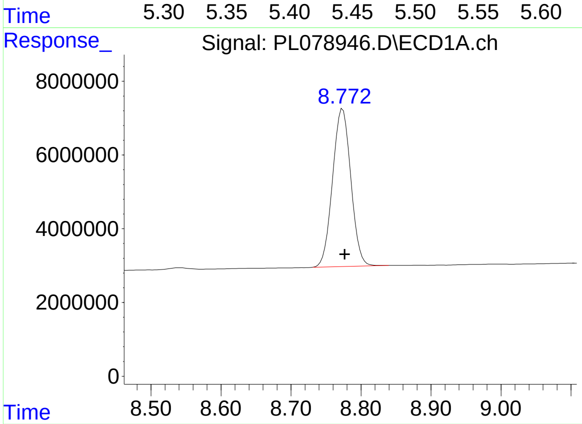
R.T.:	0.000 min
Exp R.T. :	6.649 min
Response:	0
Conc:	N.D.

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



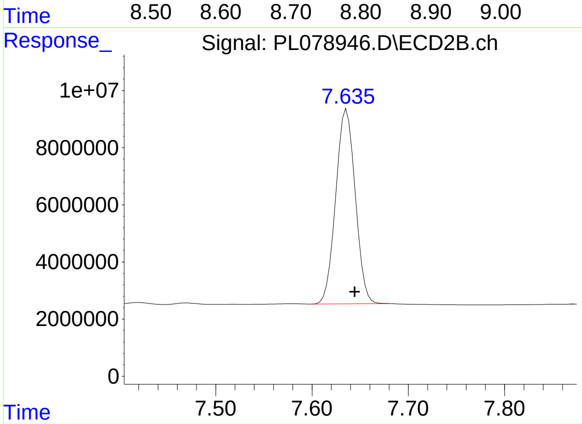
#27 Chlordane-5

R.T.:	5.464 min
Delta R.T.:	0.017 min
Response:	602042
Conc:	7.38 ng/ml



#28 Decachlorobiphenyl

R.T.:	8.774 min
Delta R.T.:	-0.003 min
Response:	77698121
Conc:	51.65 ng/ml



#28 Decachlorobiphenyl

R.T.:	7.636 min
Delta R.T.:	-0.008 min
Response:	95745962
Conc:	50.55 ng/ml