Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090922\
Data File : PL077656.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2022 08:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 99 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 05:09:08 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090722.M
Quant Title : GC Extractables
QLast Update : Wed Sep 07 14:34:08 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...	3.416	2.627	79189774	133.2E6	46.316	50.347	
28)	SA	Decachlor...	8.903	7.723	62951848	106.2E6	41.971	53.871	#
		Target Compounds							
2)	A	alpha-BHC	3.881	3.119	118.4E6	204.4E6	46.121	51.030	
3)	MA	gamma-BHC...	4.216	3.443	110.0E6	180.6E6	45.947	57.765	#
4)	MA	Heptachlor	4.791	3.775	111.0E6	173.8E6	47.437	52.357	
5)	MB	Aldrin	5.132	4.049	99581513	168.3E6	44.890	53.176	
6)	B	beta-BHC	4.428	3.742	47548444	73806556	46.344	51.571	
7)	B	delta-BHC	4.672	3.965	101.0E6	182.0E6	53.642	51.228	
8)	B	Heptachlo...	5.564	4.548	96780776	149.1E6	60.494	54.546	
9)	A	Endosulfan I	5.951	4.913	81421784	138.3E6	46.368	53.569	
10)	B	gamma-Chl...	5.820	4.797	90745331	150.0E6	48.388	53.557	
11)	B	alpha-Chl...	5.897	4.859	87803643	146.1E6	46.552	54.261	
12)	B	4,4'-DDE	6.076	5.054	80181462	143.4E6	45.776	52.819	
13)	MA	Dieldrin	6.228	5.176	80452609	151.0E6	43.992	55.115	#
14)	MA	Endrin	6.459	5.448	70253737	127.6E6	46.401	61.888	#
15)	B	Endosulfa...	6.687	5.744	66416641	118.3E6	40.970	50.315	
16)	A	4,4'-DDD	6.600	5.606	61118371	117.6E6	46.270	57.101	
17)	MA	4,4'-DDT	6.912	5.854	64157414	115.3E6	40.468	54.033	#
18)	B	Endrin al...	6.818	5.924	53298277	91258538	45.688	52.473	
19)	B	Endosulfa...	7.052	6.146	64481646	118.6E6	43.428	53.764	
20)	A	Methoxychlor	7.392	6.432	33400096	59234716	42.107	50.409	
21)	B	Endrin ke...	7.540	6.646	68594624	141.5E6	44.433	58.338	#
22)		Mirex	7.999	6.821	52372079	93940871	43.073	53.659	
24)		Chlordane-2	5.132f	0.000	99581513	0	1314.076	N.D.	#
25)		Chlordane-3	5.820	4.797	90745331	150.0E6	334.900	525.118	#
26)		Chlordane-4	5.897	4.859	87803643	146.1E6	262.501	492.902	#

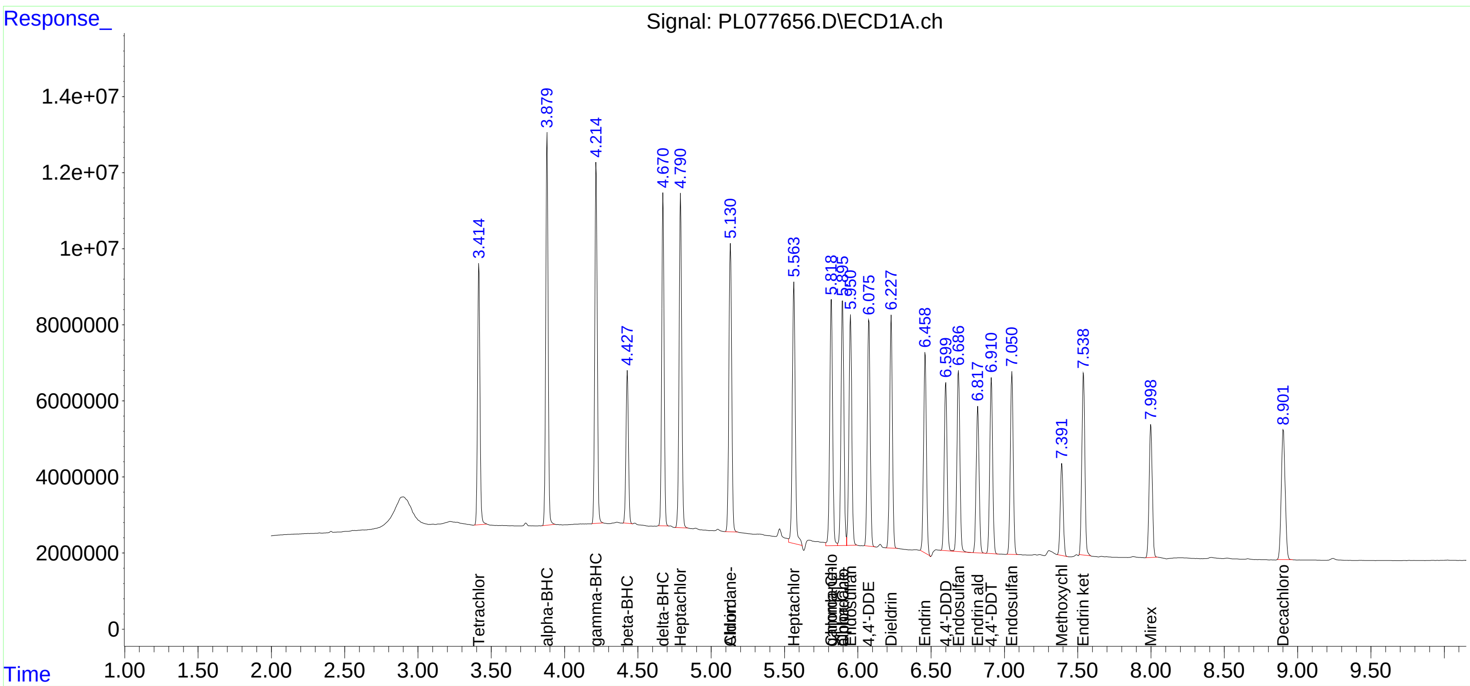
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

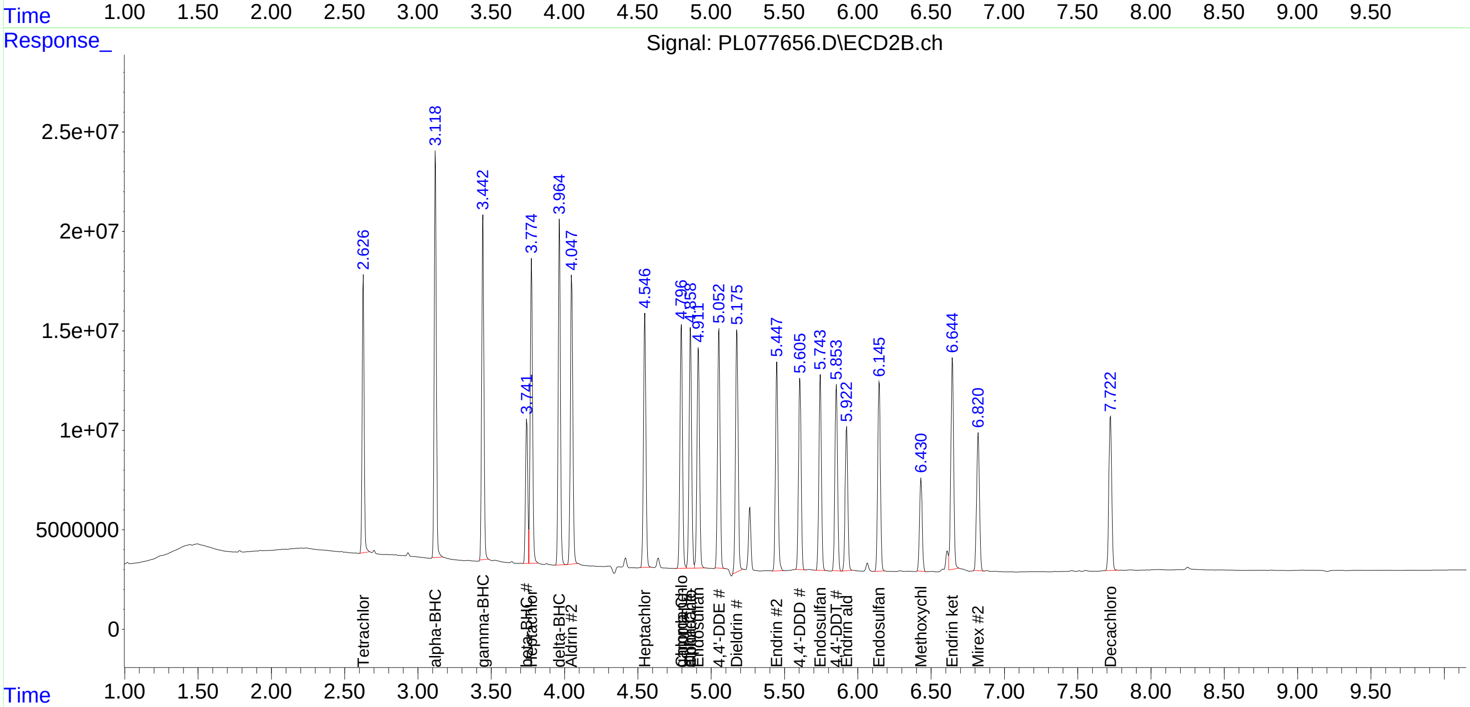
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090922\
Data File : PL077656.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2022 08:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 99 Sample Multiplier: 1

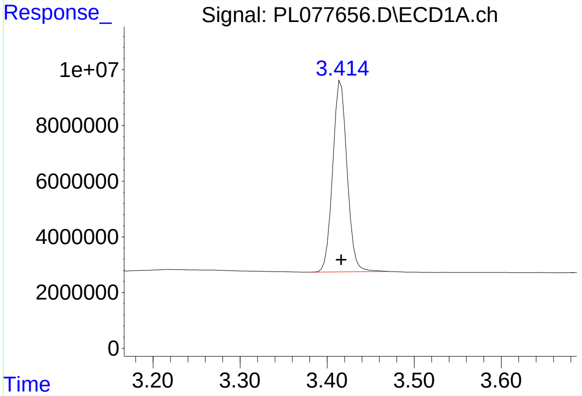
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 05:09:08 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090722.M
Quant Title : GC Extractables
QLast Update : Wed Sep 07 14:34:08 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



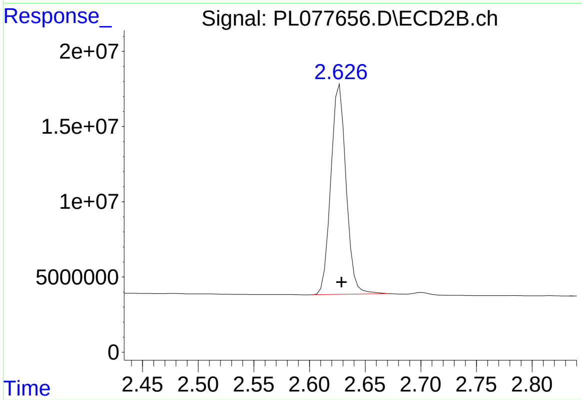




#1 Tetrachloro-m-xylene

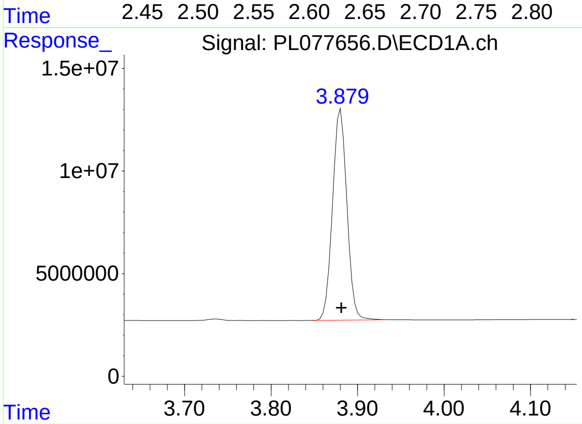
R.T.: 3.416 min
Delta R.T.: 0.000 min
Response: 79189774
Conc: 46.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



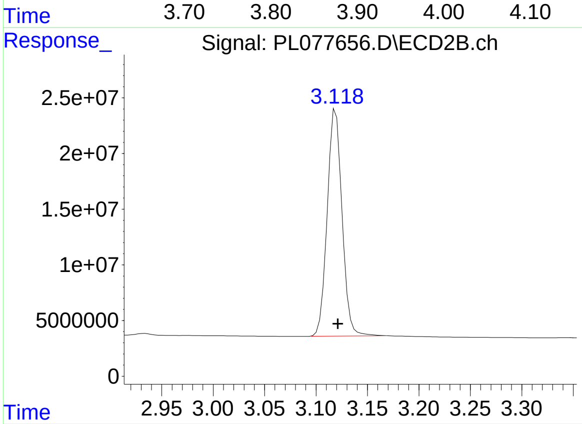
#1 Tetrachloro-m-xylene

R.T.: 2.627 min
Delta R.T.: -0.002 min
Response: 133226984
Conc: 50.35 ng/ml



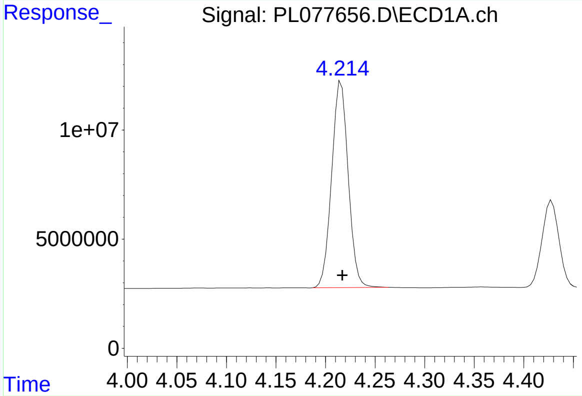
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 118366622
Conc: 46.12 ng/ml



#2 alpha-BHC

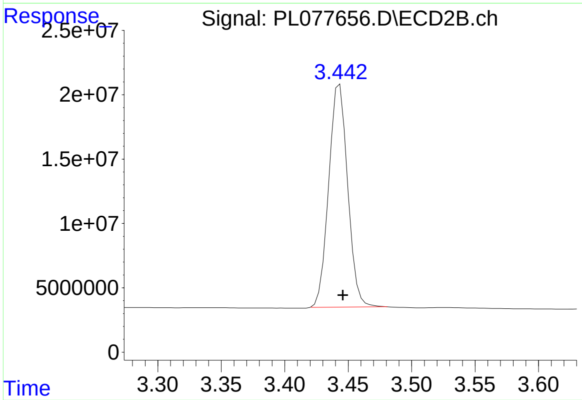
R.T.: 3.119 min
Delta R.T.: -0.002 min
Response: 204360486
Conc: 51.03 ng/ml



#3 gamma-BHC (Lindane)

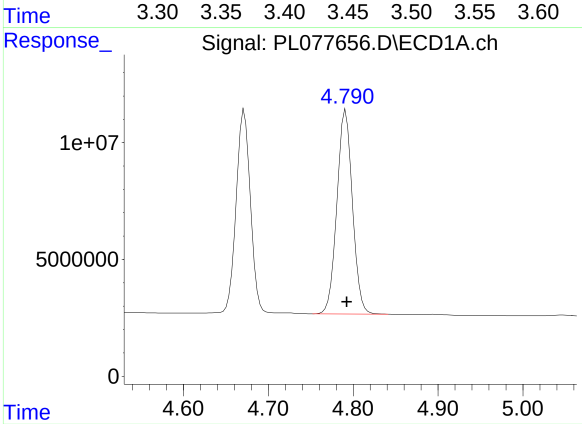
R.T.: 4.216 min
Delta R.T.: -0.001 min
Response: 109950456
Conc: 45.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



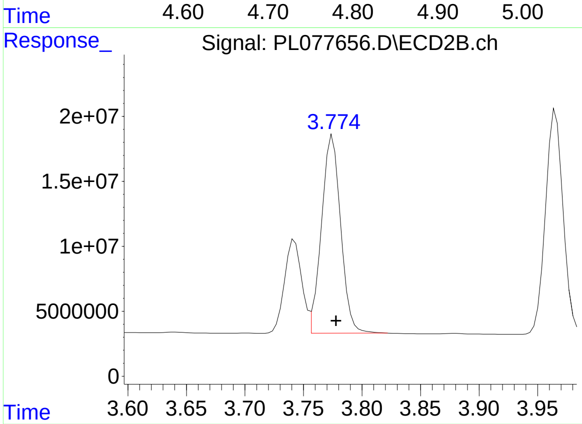
#3 gamma-BHC (Lindane)

R.T.: 3.443 min
Delta R.T.: -0.002 min
Response: 180581217
Conc: 57.77 ng/ml



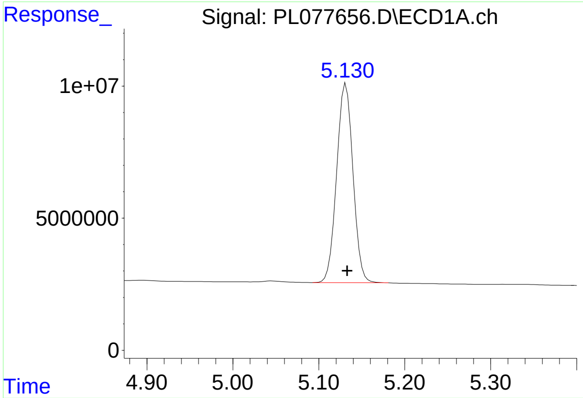
#4 Heptachlor

R.T.: 4.791 min
Delta R.T.: -0.001 min
Response: 110992065
Conc: 47.44 ng/ml



#4 Heptachlor

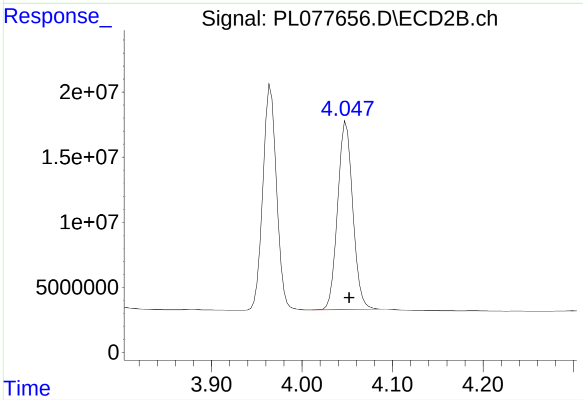
R.T.: 3.775 min
Delta R.T.: -0.003 min
Response: 173756466
Conc: 52.36 ng/ml



#5 Aldrin

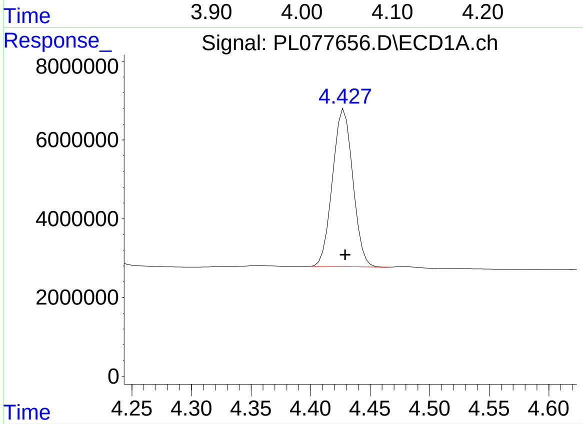
R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 99581513
Conc: 44.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



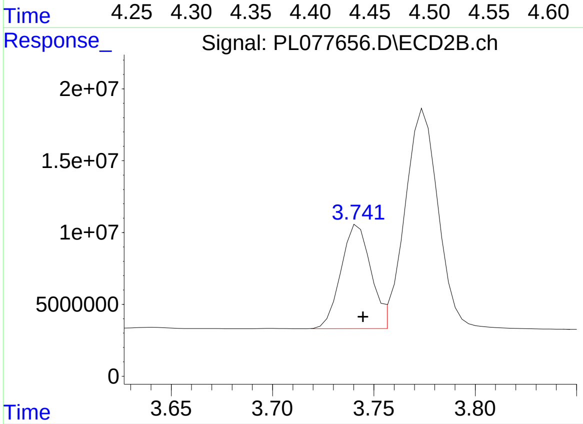
#5 Aldrin

R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 168311683
Conc: 53.18 ng/ml



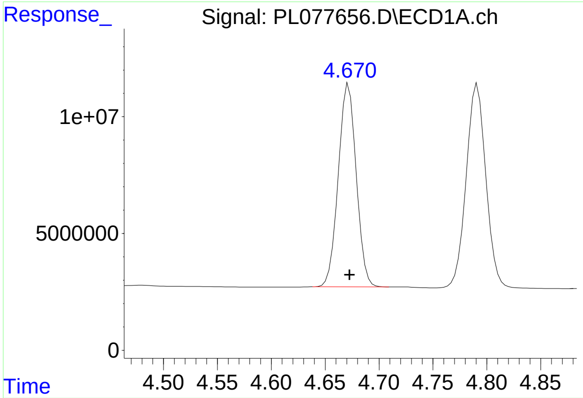
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: 0.000 min
Response: 47548444
Conc: 46.34 ng/ml



#6 beta-BHC

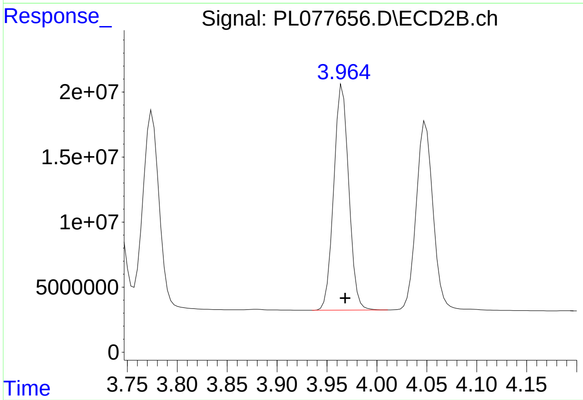
R.T.: 3.742 min
Delta R.T.: -0.002 min
Response: 73806556
Conc: 51.57 ng/ml



#7 delta-BHC

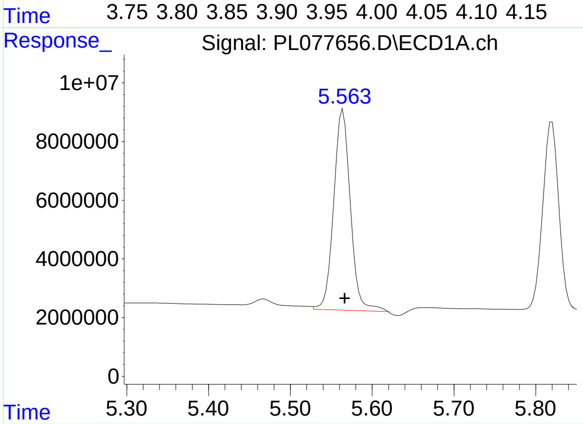
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 101000422
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



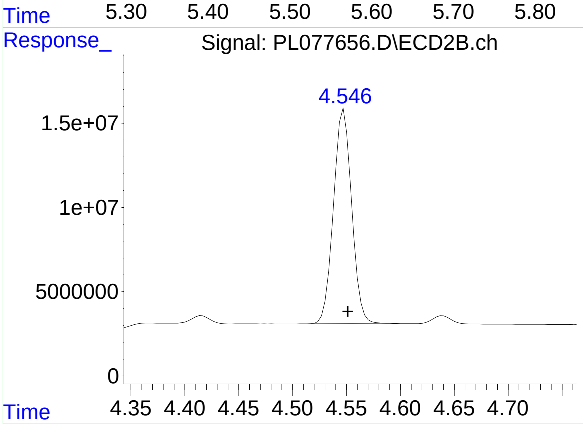
#7 delta-BHC

R.T.: 3.965 min
Delta R.T.: -0.003 min
Response: 182024948
Conc: 51.23 ng/ml



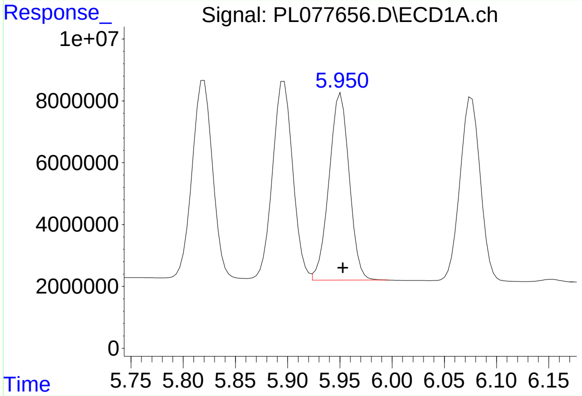
#8 Heptachlor epoxide

R.T.: 5.564 min
Delta R.T.: -0.002 min
Response: 96780776
Conc: 60.49 ng/ml



#8 Heptachlor epoxide

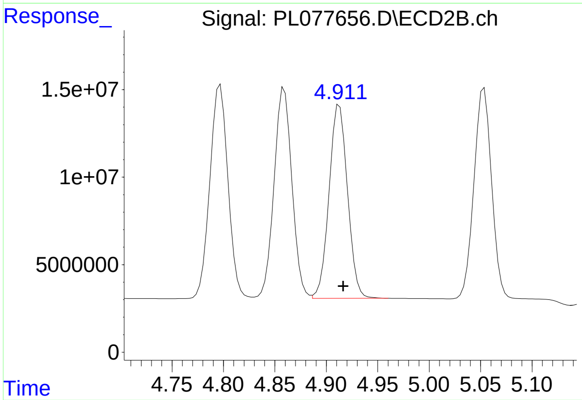
R.T.: 4.548 min
Delta R.T.: -0.003 min
Response: 149149067
Conc: 54.55 ng/ml



#9 Endosulfan I

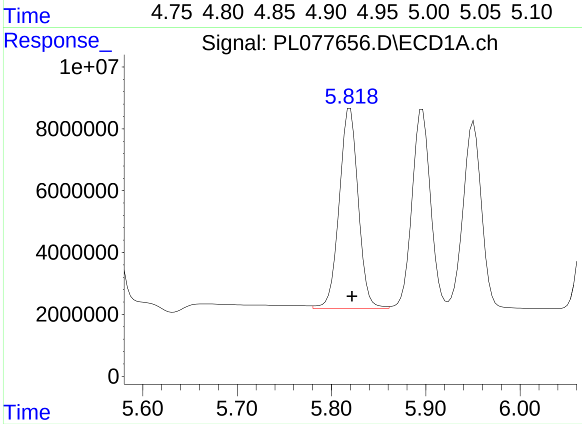
R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 81421784
Conc: 46.37 ng/ml

Instrument : ECD_L
ClientSampleId : PSTDCCC050



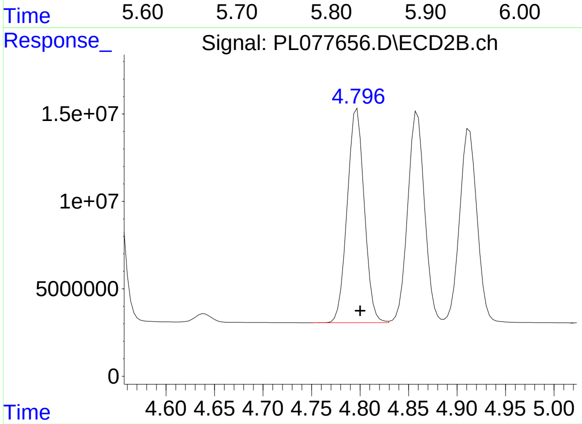
#9 Endosulfan I

R.T.: 4.913 min
Delta R.T.: -0.004 min
Response: 138252625
Conc: 53.57 ng/ml



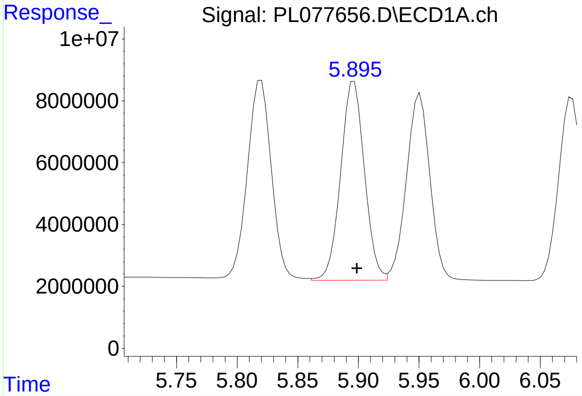
#10 gamma-Chlordane

R.T.: 5.820 min
Delta R.T.: -0.002 min
Response: 90745331
Conc: 48.39 ng/ml



#10 gamma-Chlordane

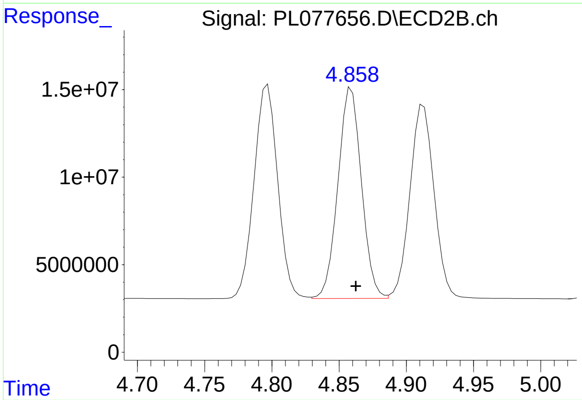
R.T.: 4.797 min
Delta R.T.: -0.003 min
Response: 149992146
Conc: 53.56 ng/ml



#11 alpha-Chlordane

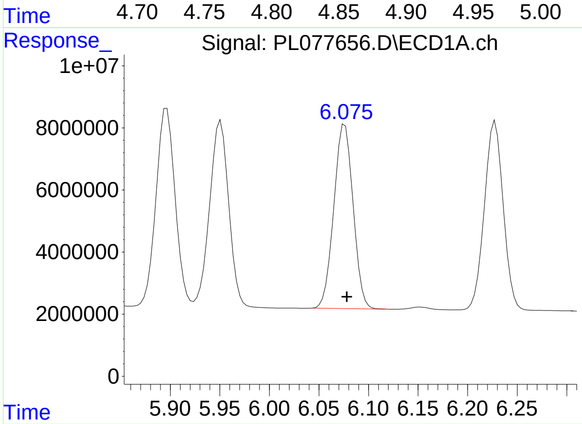
R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 87803643
Conc: 46.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



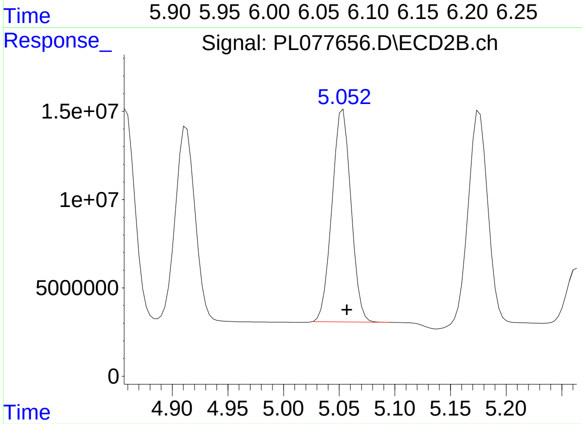
#11 alpha-Chlordane

R.T.: 4.859 min
Delta R.T.: -0.003 min
Response: 146110572
Conc: 54.26 ng/ml



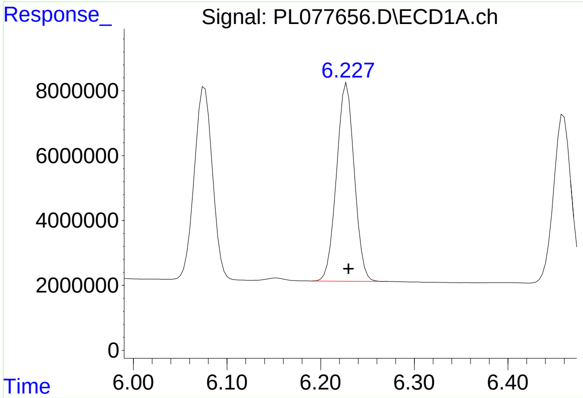
#12 4,4'-DDE

R.T.: 6.076 min
Delta R.T.: -0.002 min
Response: 80181462
Conc: 45.78 ng/ml



#12 4,4'-DDE

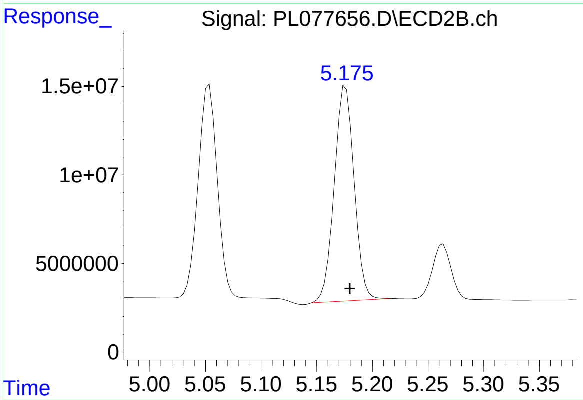
R.T.: 5.054 min
Delta R.T.: -0.003 min
Response: 143368175
Conc: 52.82 ng/ml



#13 Dieldrin

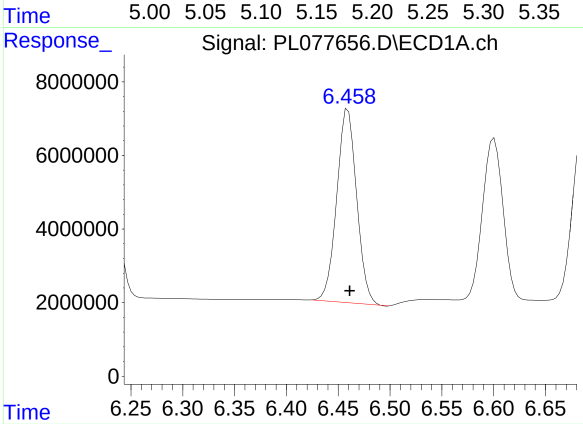
R.T.: 6.228 min
Delta R.T.: -0.002 min
Response: 80452609
Conc: 43.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



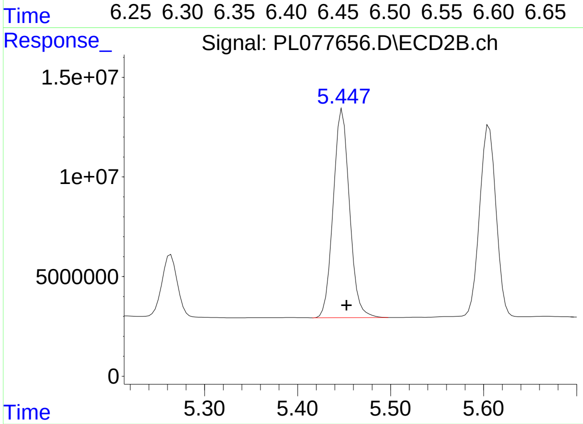
#13 Dieldrin

R.T.: 5.176 min
Delta R.T.: -0.004 min
Response: 150998918
Conc: 55.11 ng/ml



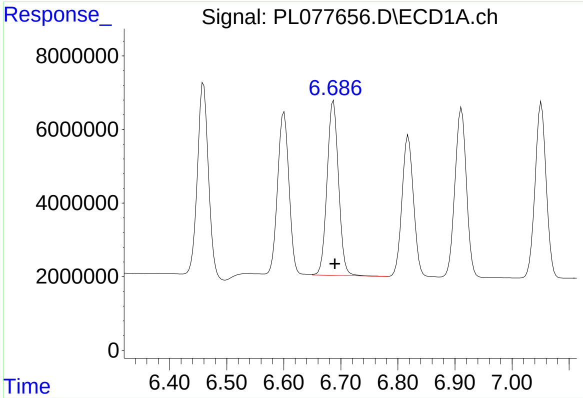
#14 Endrin

R.T.: 6.459 min
Delta R.T.: -0.002 min
Response: 70253737
Conc: 46.40 ng/ml



#14 Endrin

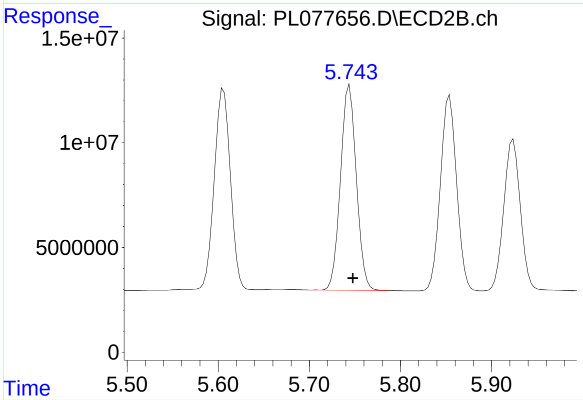
R.T.: 5.448 min
Delta R.T.: -0.004 min
Response: 127574329
Conc: 61.89 ng/ml



#15 Endosulfan II

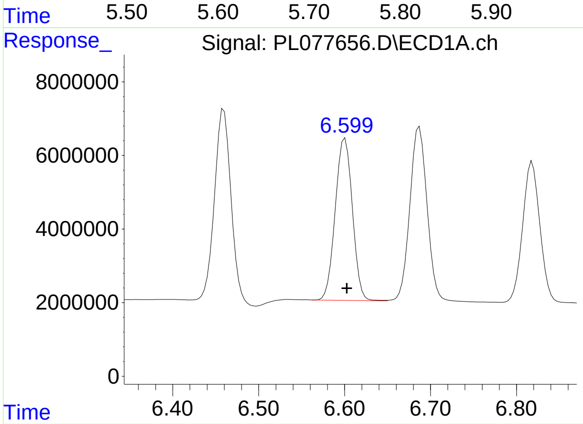
R.T.: 6.687 min
Delta R.T.: -0.003 min
Response: 66416641
Conc: 40.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



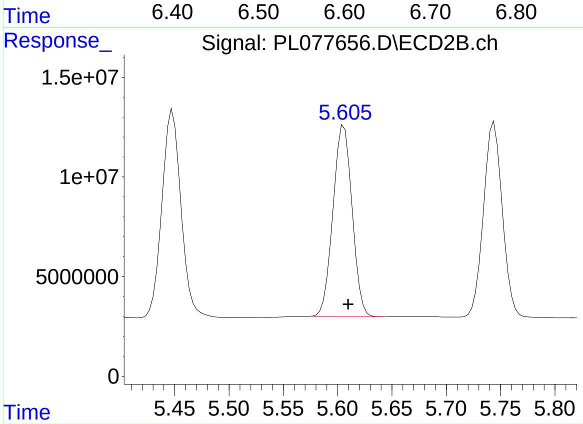
#15 Endosulfan II

R.T.: 5.744 min
Delta R.T.: -0.003 min
Response: 118336648
Conc: 50.31 ng/ml



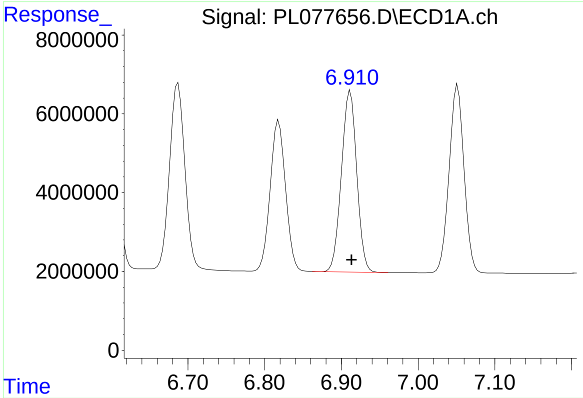
#16 4,4'-DDD

R.T.: 6.600 min
Delta R.T.: -0.002 min
Response: 61118371
Conc: 46.27 ng/ml



#16 4,4'-DDD

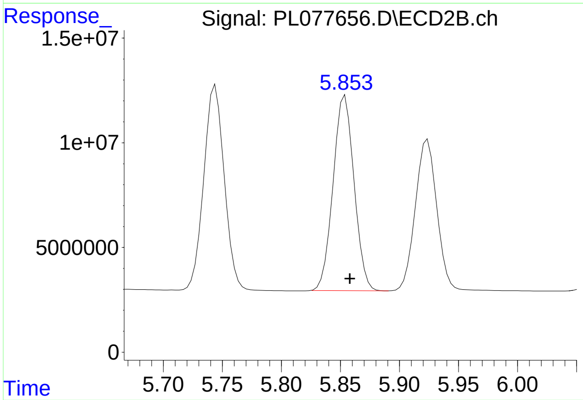
R.T.: 5.606 min
Delta R.T.: -0.004 min
Response: 117611304
Conc: 57.10 ng/ml



#17 4,4'-DDT

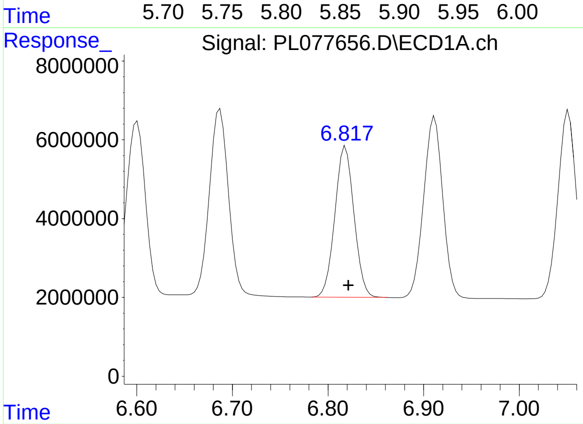
R.T.: 6.912 min
Delta R.T.: -0.001 min
Response: 64157414
Conc: 40.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



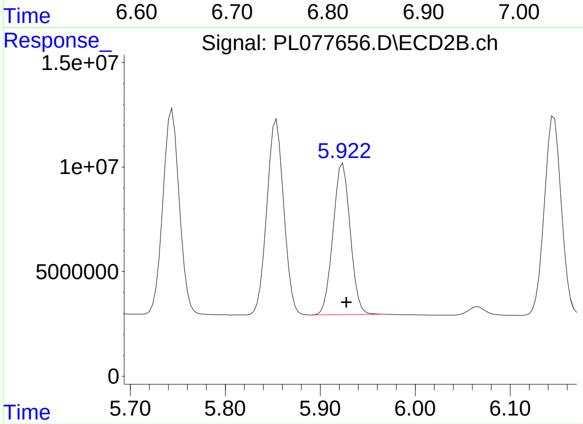
#17 4,4'-DDT

R.T.: 5.854 min
Delta R.T.: -0.004 min
Response: 115343568
Conc: 54.03 ng/ml



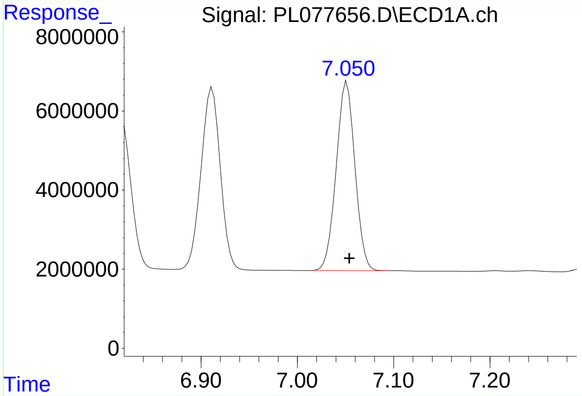
#18 Endrin aldehyde

R.T.: 6.818 min
Delta R.T.: -0.003 min
Response: 53298277
Conc: 45.69 ng/ml



#18 Endrin aldehyde

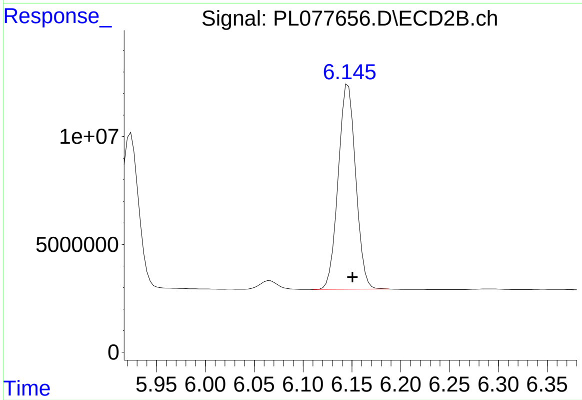
R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 91258538
Conc: 52.47 ng/ml



#19 Endosulfan Sulfate

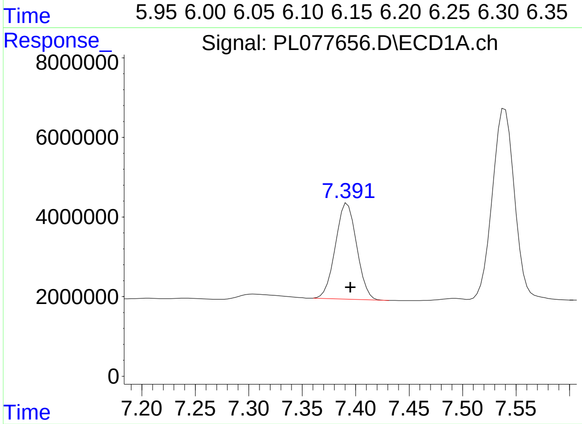
R.T.: 7.052 min
Delta R.T.: -0.002 min
Response: 64481646
Conc: 43.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



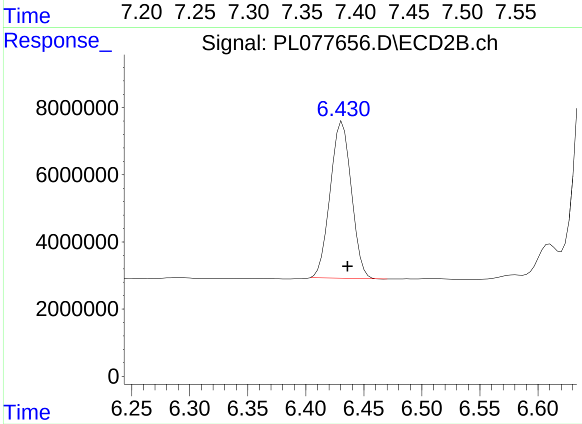
#19 Endosulfan Sulfate

R.T.: 6.146 min
Delta R.T.: -0.004 min
Response: 118640172
Conc: 53.76 ng/ml



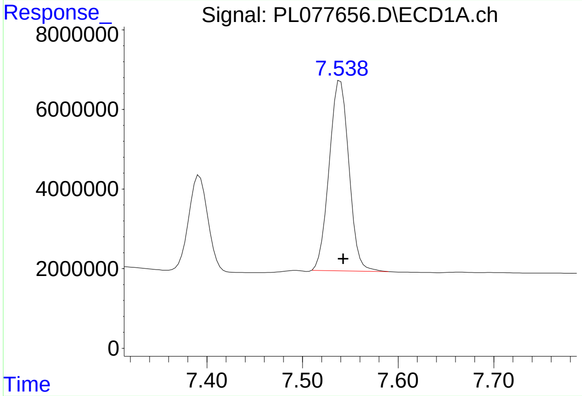
#20 Methoxychlor

R.T.: 7.392 min
Delta R.T.: -0.003 min
Response: 33400096
Conc: 42.11 ng/ml



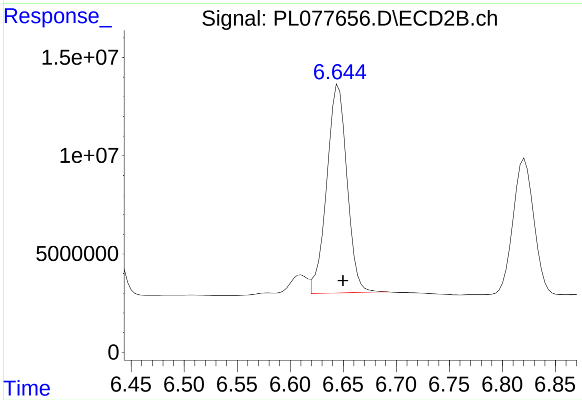
#20 Methoxychlor

R.T.: 6.432 min
Delta R.T.: -0.004 min
Response: 59234716
Conc: 50.41 ng/ml

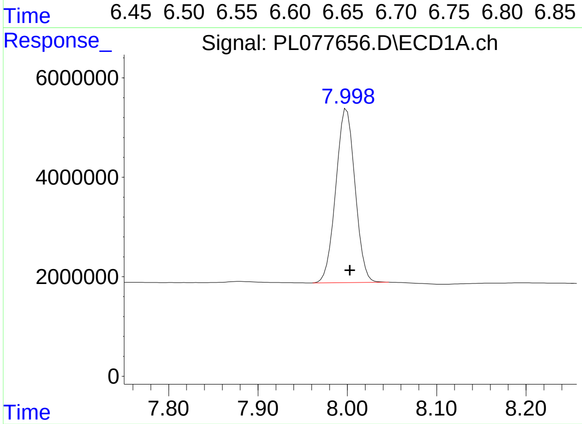



```
#21  Endrin ketone

     R.T.:    7.540 min
Delta R.T.:   -0.003 min
  Response:  68594624
     Conc:   44.43 ng/ml
```

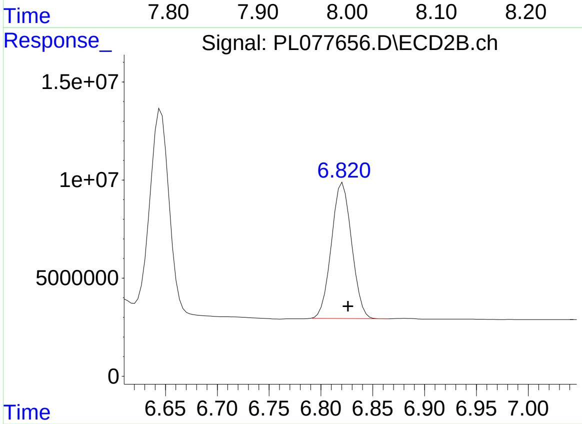
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



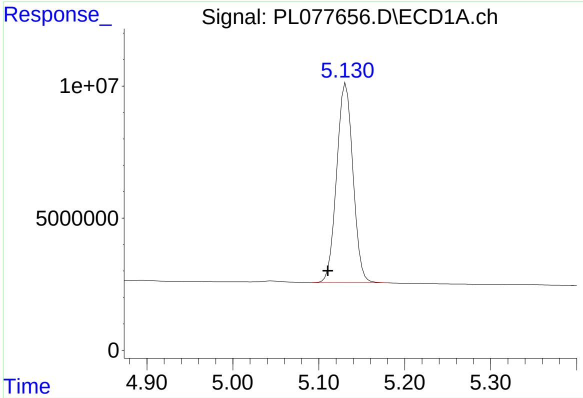

```
#21  Endrin ketone

     R.T.:    6.646 min
Delta R.T.:   -0.004 min
  Response: 141498312
     Conc:   58.34 ng/ml
```




```
#22  Mirex

     R.T.:    7.999 min
Delta R.T.:   -0.004 min
  Response:  52372079
     Conc:   43.07 ng/ml
```



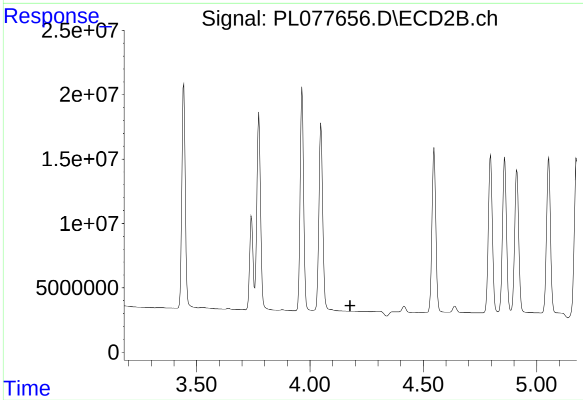

```
#22  Mirex

     R.T.:    6.821 min
Delta R.T.:   -0.005 min
  Response:  93940871
     Conc:   53.66 ng/ml
```



#24 Chlordane-2

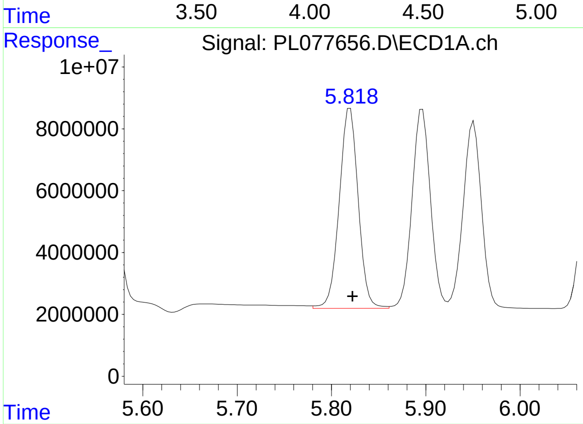
R.T.: 5.132 min
Delta R.T.: 0.021 min
Response: 99581513
Conc: 1314.08 ng/m

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



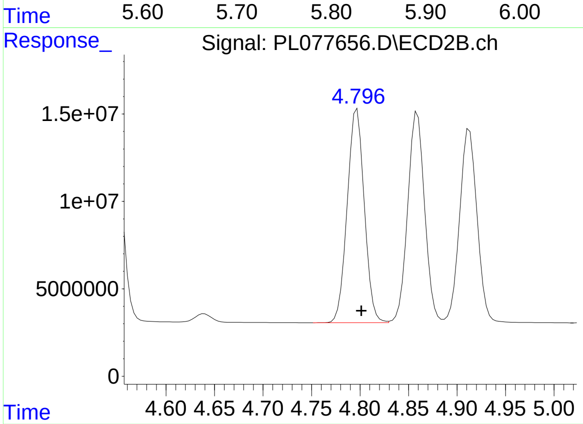
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.177 min
Response: 0
Conc: N.D.



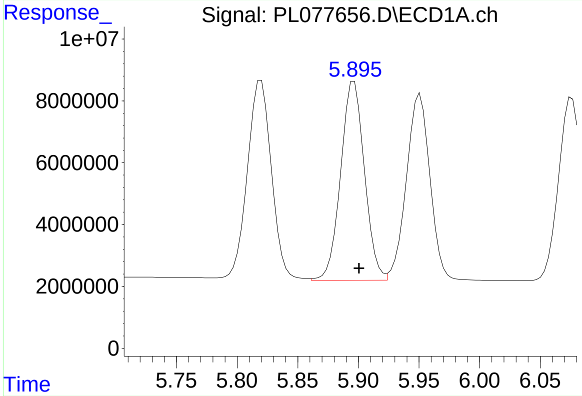
#25 Chlordane-3

R.T.: 5.820 min
Delta R.T.: -0.003 min
Response: 90745331
Conc: 334.90 ng/ml



#25 Chlordane-3

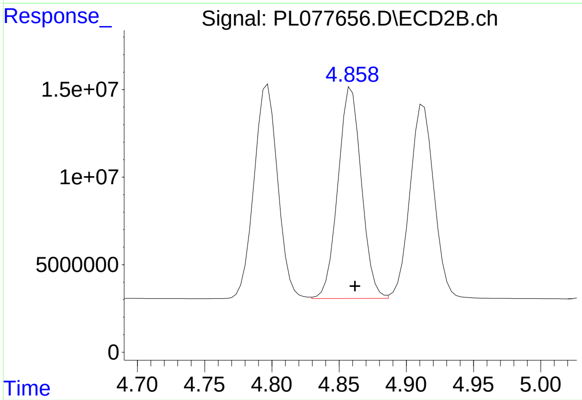
R.T.: 4.797 min
Delta R.T.: -0.004 min
Response: 149992146
Conc: 525.12 ng/ml



#26 Chlordane-4

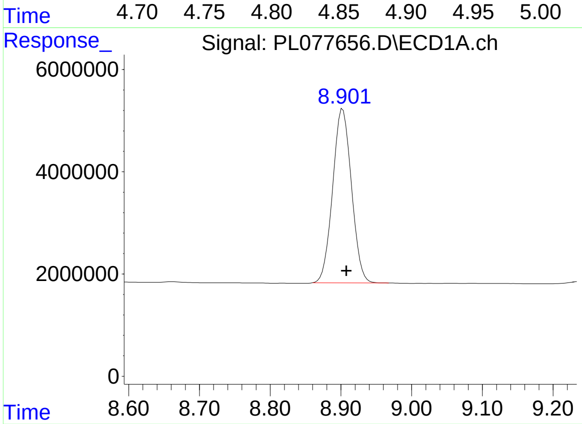
```
      R.T.:    5.897 min
Delta R.T.:   -0.004 min
  Response:  87803643
      Conc: 262.50 ng/ml
```

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



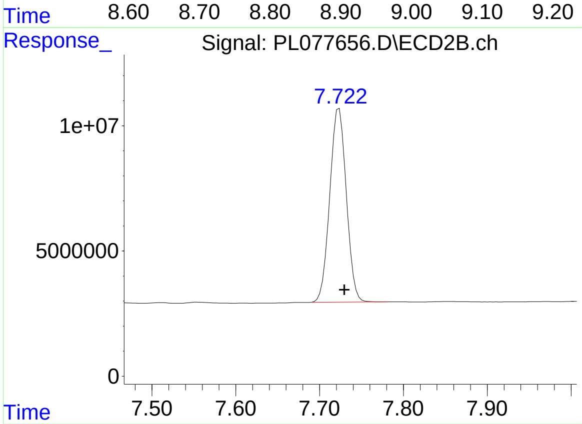
#26 Chlordane-4

```
      R.T.:    4.859 min
Delta R.T.:   -0.003 min
  Response: 146110572
      Conc: 492.90 ng/ml
```



#28 Decachlorobiphenyl

```
      R.T.:    8.903 min
Delta R.T.:   -0.005 min
  Response:  62951848
      Conc:  41.97 ng/ml
```



#28 Decachlorobiphenyl

```
      R.T.:    7.723 min
Delta R.T.:   -0.006 min
  Response: 106237505
      Conc:  53.87 ng/ml
```