Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100523\
Data File : PL085733.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Oct 2023 18:02
Operator : AR\AJ
Sample : 04731-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 21:25:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 2023
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

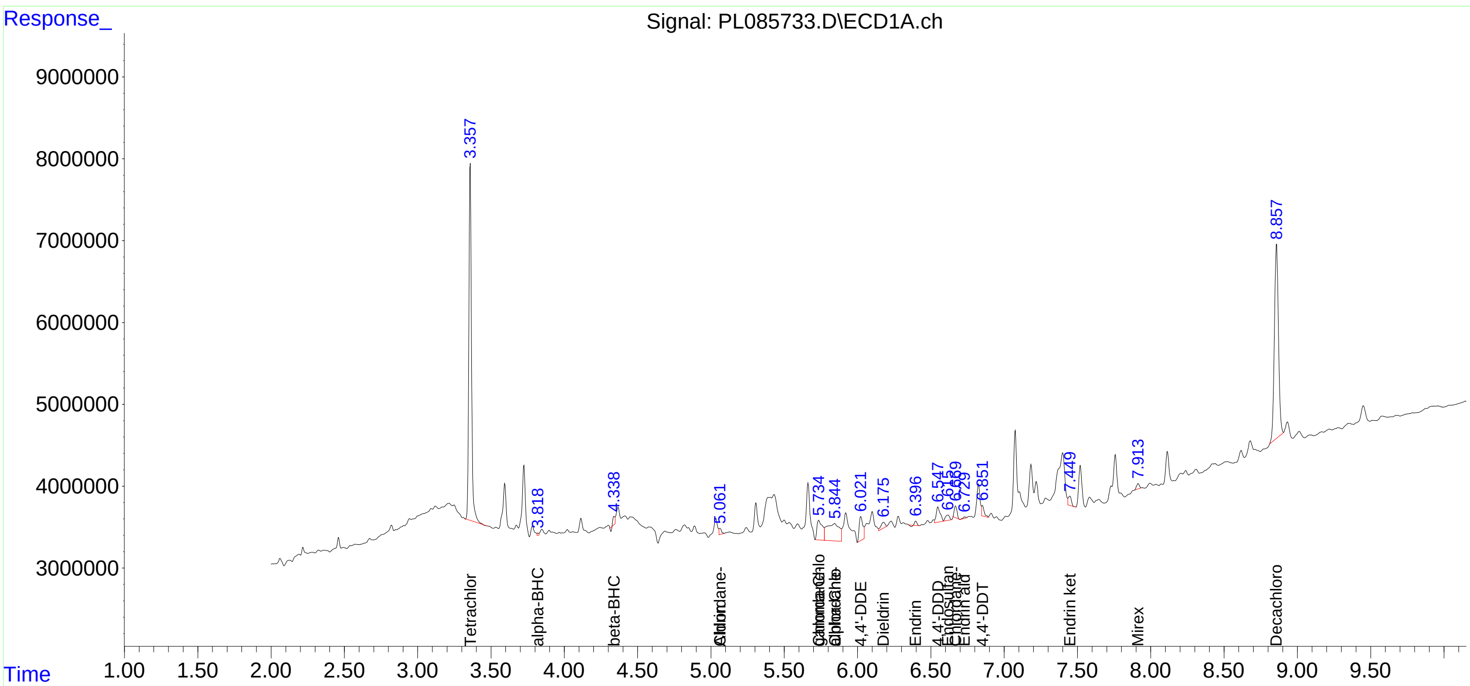
		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	3.359	2.623	55384269	18233984	18.622	19.520	
28)	SA	Decachlor...	8.858	7.774	45150730	18650154	20.730	20.206	
		Target Compounds							
2)	A	alpha-BHC	3.819	3.126	210742	228389	0.049	0.182	#
3)	MA	gamma-BHC...	0.000	3.450	0	974578	N.D.	0.790	#
4)	MA	Heptachlor	0.000	3.797	0	44253	N.D.	0.038	#
5)	MB	Aldrin	5.062	4.047f	835987	1284470	0.216	1.149	#
6)	B	beta-BHC	4.340	3.761	591914	189381	0.358	0.364	
7)	B	delta-BHC	0.000	3.966	0	86952	N.D.	0.076	#
8)	B	Heptachlo...	0.000	4.565	0	68892	N.D.	0.069	#
9)	A	Endosulfan I	0.000	4.958f	0	3105871	N.D.	2.895	#
10)	B	gamma-Chl...	5.735f	4.806	6266905	127789	1.832	0.129	#
11)	B	alpha-Chl...	5.845	4.883	12655719	758121	3.703	0.695	#
12)	B	4,4'-DDE	6.023	5.081	4897061	476916	1.751	0.581	#
13)	MA	Dieldrin	6.178f	5.209	1354874	1715698	0.412	1.768	#
14)	MA	Endrin	6.397	5.459	475067	310364	0.167	0.345	#
15)	B	Endosulfa...	6.618	5.761	1283921	1165046	0.466	1.225	#
16)	A	4,4'-DDD	6.549	5.625	3578977	121486	1.776	0.175	#
17)	MA	4,4'-DDT	6.852	5.882	1570290	2277512	0.666	2.880	#
18)	B	Endrin al...	6.731	5.972f	192252	710848	0.095	0.953	#
19)	B	Endosulfa...	0.000	6.202f	0	1178052	N.D.	1.306	#
20)	A	Methoxychlor	0.000	6.481	0	1554434	N.D.	2.955	#
21)	B	Endrin ke...	7.449	0.000	1710600	0	0.594	N.D.	#
22)		Mirex	7.915f	6.828f	886944	402650	0.401	0.427	
23)		Chlordane-1	0.000	3.596f	0	129873	N.D.	3.984	#
24)		Chlordane-2	5.062	0.000	835987	0	6.428	N.D.	#
25)		Chlordane-3	5.735f	4.806	6266905	127789	12.283	1.265	#
26)		Chlordane-4	5.845	4.883	12655719	758121	19.948	6.548	#
27)		Chlordane-5	6.669f	5.560	1886042	1011511	18.385	36.292	#

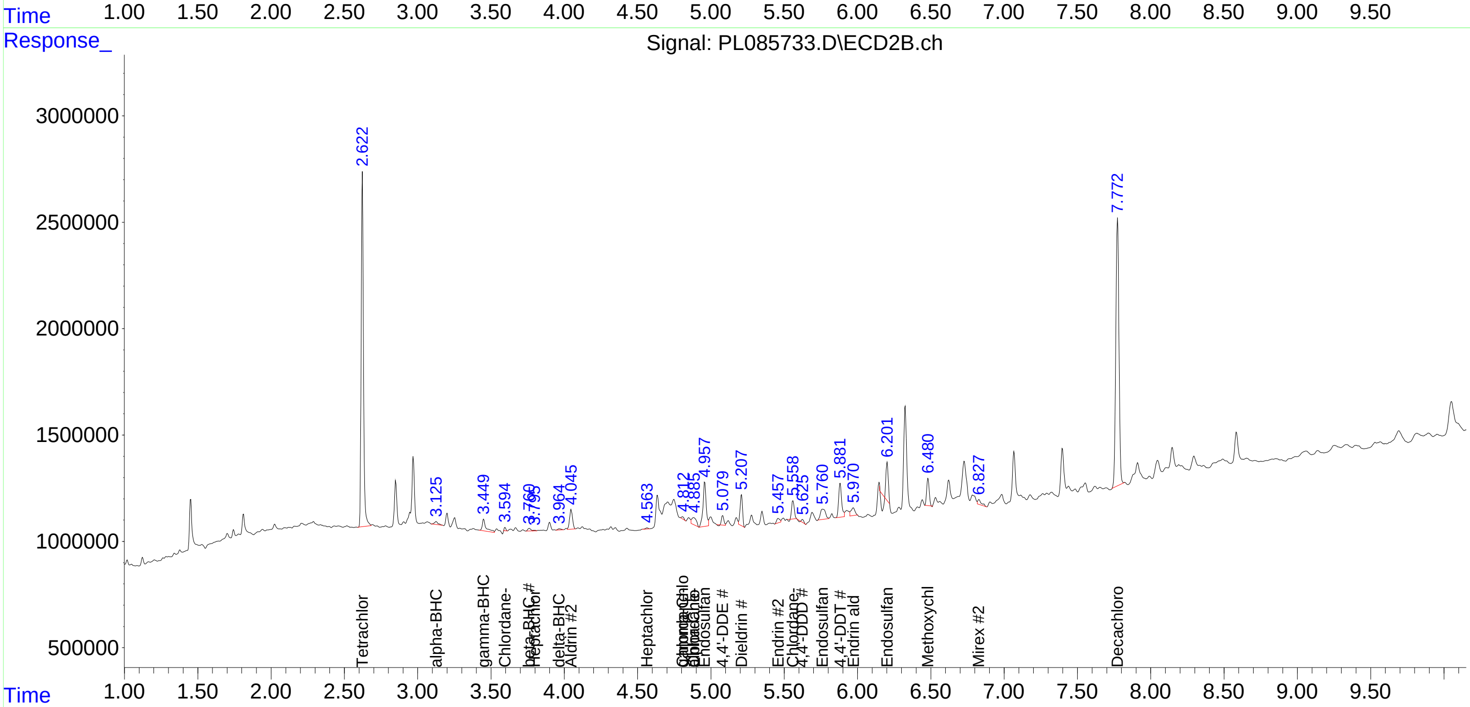
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

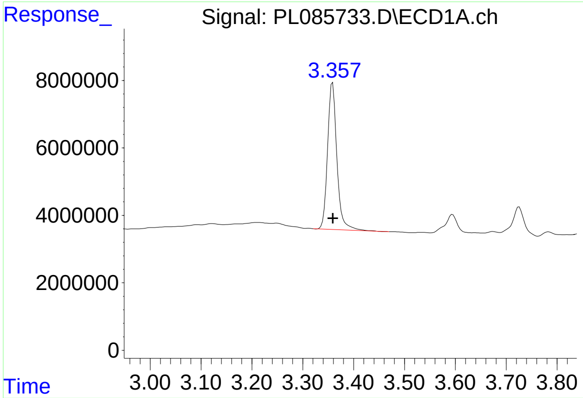
Quantitation Report   (Not Reviewed)

```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100523\
Data File : PL085733.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 05 Oct 2023  18:02
Operator  : AR\AJ
Sample    : 04731-07
Misc      :
ALS Vial  : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 21:25:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title  : GC Extractables
QLast Update : Wed Oct 04 05:29:39 2023
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
```

Instrument :
ECD_L
ClientSampleId :



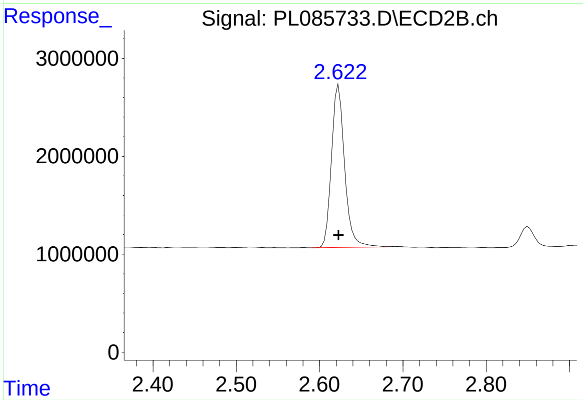




#1 Tetrachloro-m-xylene

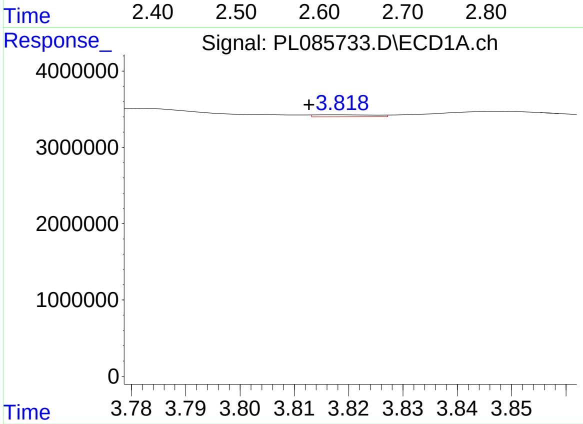
R.T.: 3.359 min
Delta R.T.: 0.000 min
Response: 55384269
Conc: 18.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



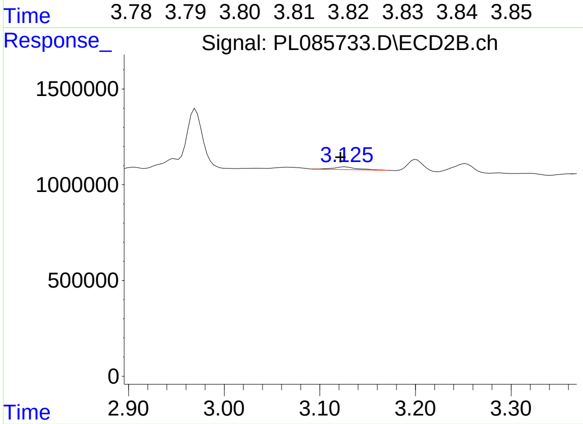
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: 0.000 min
Response: 18233984
Conc: 19.52 ng/ml



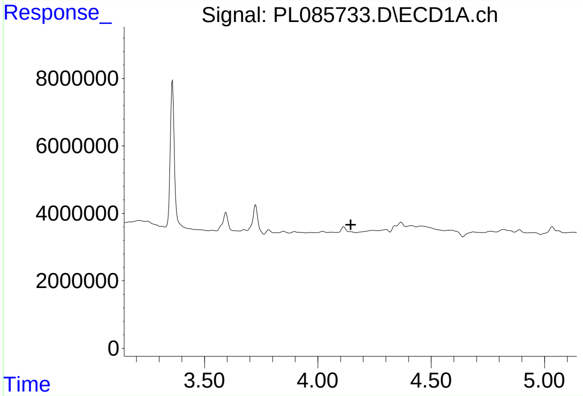
#2 alpha-BHC

R.T.: 3.819 min
Delta R.T.: 0.007 min
Response: 210742
Conc: 0.05 ng/ml



#2 alpha-BHC

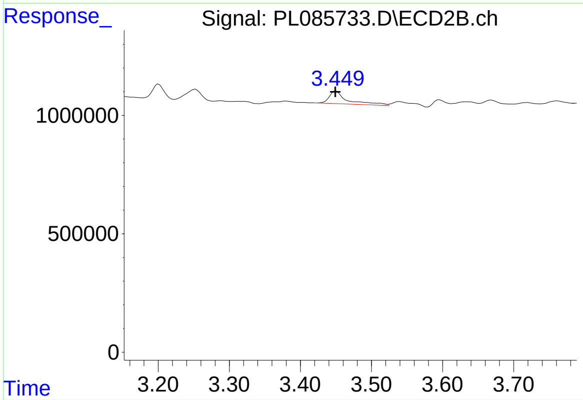
R.T.: 3.126 min
Delta R.T.: 0.005 min
Response: 228389
Conc: 0.18 ng/ml



#3 gamma-BHC (Lindane)

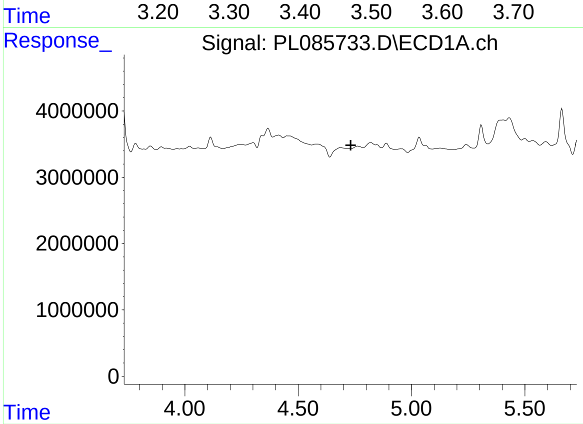
R.T.: 0.000 min
Exp R.T. : 4.145 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



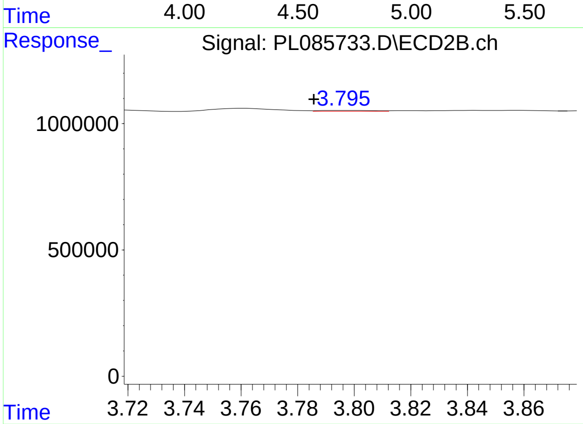
#3 gamma-BHC (Lindane)

R.T.: 3.450 min
Delta R.T.: 0.001 min
Response: 974578
Conc: 0.79 ng/ml



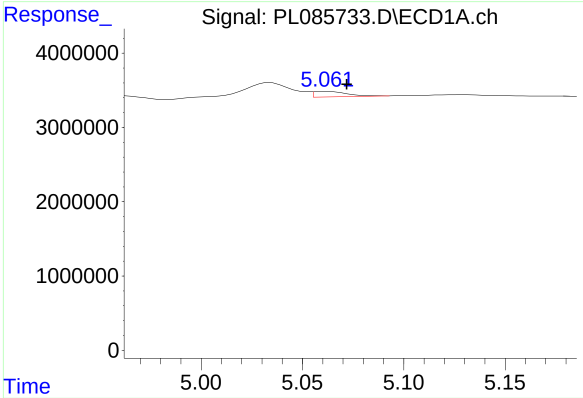
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.731 min
Response: 0
Conc: N.D.



#4 Heptachlor

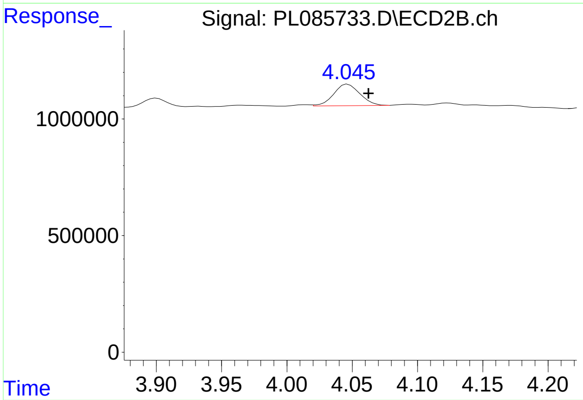
R.T.: 3.797 min
Delta R.T.: 0.011 min
Response: 44253
Conc: 0.04 ng/ml



#5 Aldrin

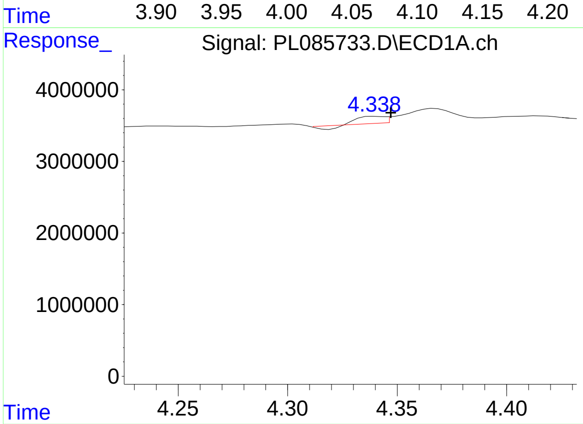
```
      R.T.:    5.062 min
Delta R.T.:   -0.010 min
  Response:    835987
      Conc:   0.22 ng/ml
```

Instrument :
ECD_L
ClientSampleId :



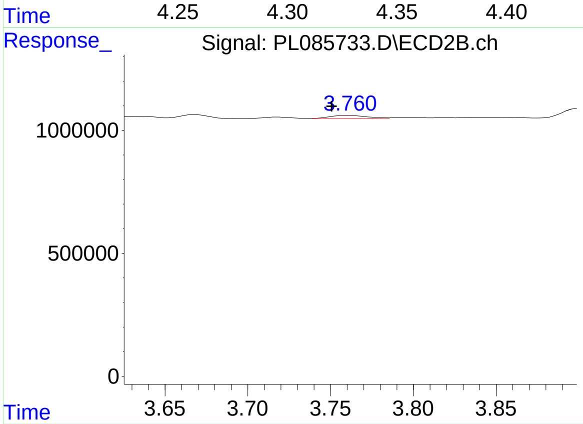
#5 Aldrin

```
      R.T.:    4.047 min
Delta R.T.:   -0.016 min
  Response:   1284470
      Conc:   1.15 ng/ml
```



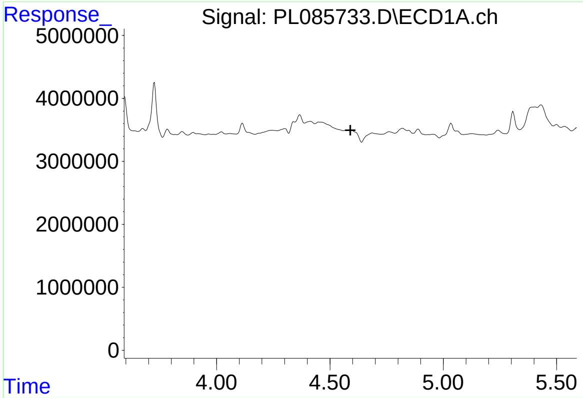
#6 beta-BHC

```
      R.T.:    4.340 min
Delta R.T.:   -0.007 min
  Response:    591914
      Conc:   0.36 ng/ml
```



#6 beta-BHC

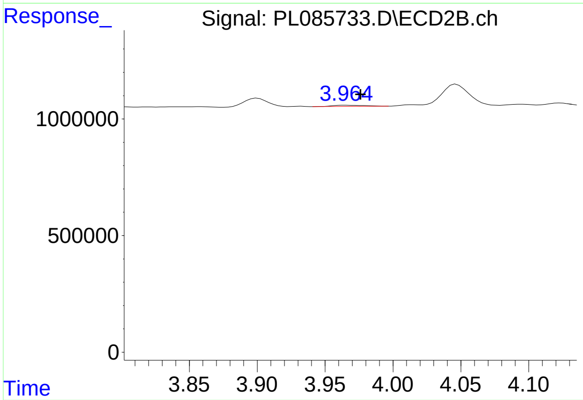
```
      R.T.:    3.761 min
Delta R.T.:    0.011 min
  Response:    189381
      Conc:   0.36 ng/ml
```



#7 delta-BHC

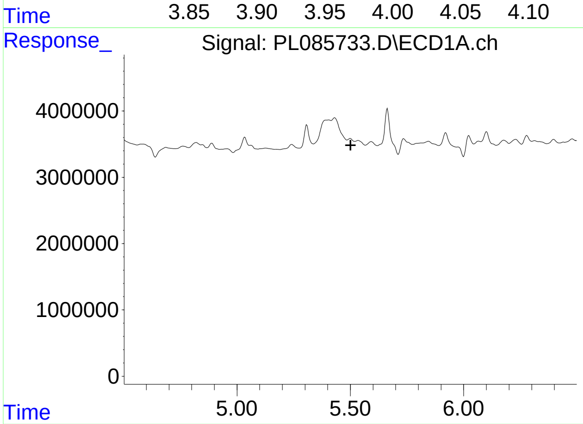
R.T.: 0.000 min
Exp R.T. : 4.590 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



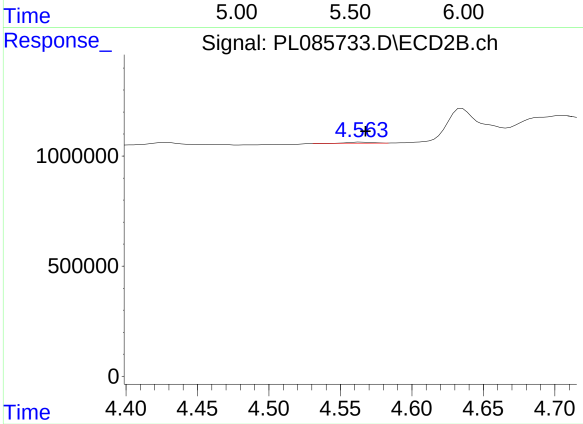
#7 delta-BHC

R.T.: 3.966 min
Delta R.T.: -0.010 min
Response: 86952
Conc: 0.08 ng/ml



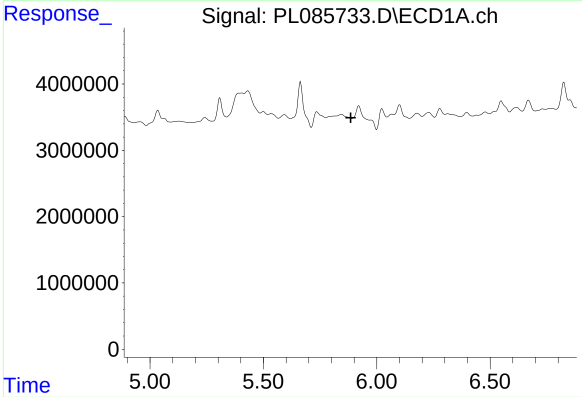
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.501 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

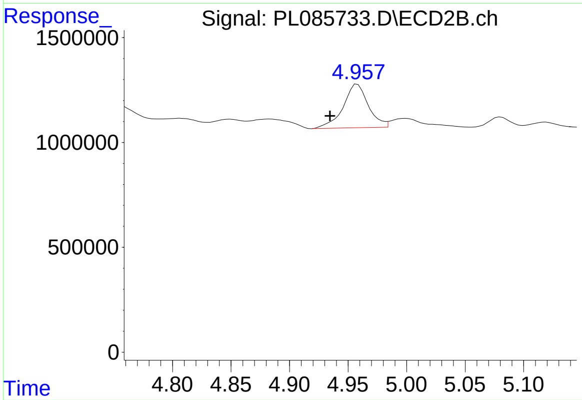
R.T.: 4.565 min
Delta R.T.: -0.003 min
Response: 68892
Conc: 0.07 ng/ml



#9 Endosulfan I

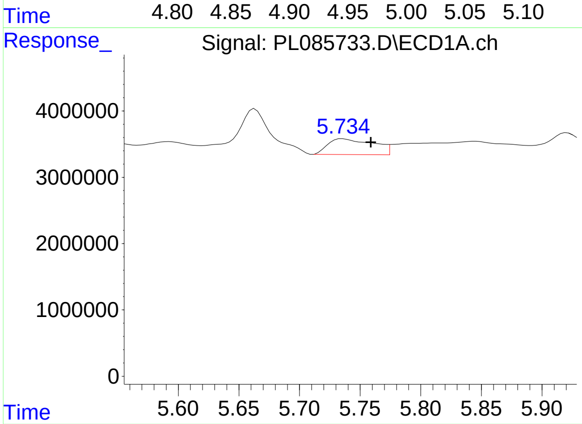
R.T.: 0.000 min
Exp R.T. : 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



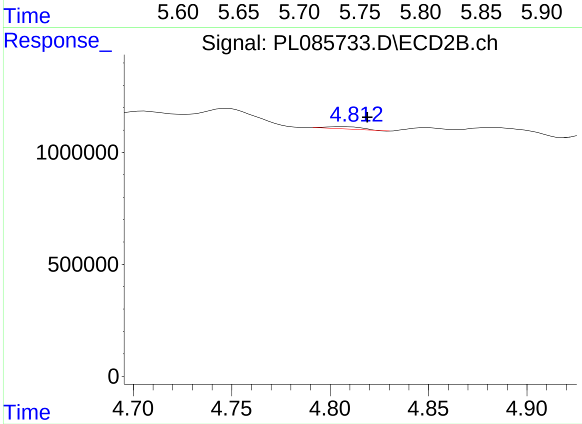
#9 Endosulfan I

R.T.: 4.958 min
Delta R.T.: 0.023 min
Response: 3105871
Conc: 2.90 ng/ml



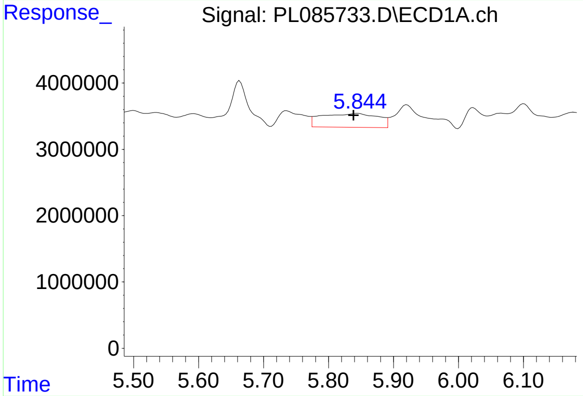
#10 gamma-Chlordane

R.T.: 5.735 min
Delta R.T.: -0.023 min
Response: 6266905
Conc: 1.83 ng/ml



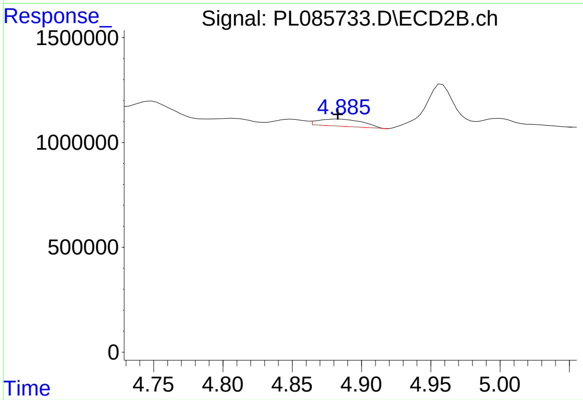
#10 gamma-Chlordane

R.T.: 4.806 min
Delta R.T.: -0.013 min
Response: 127789
Conc: 0.13 ng/ml

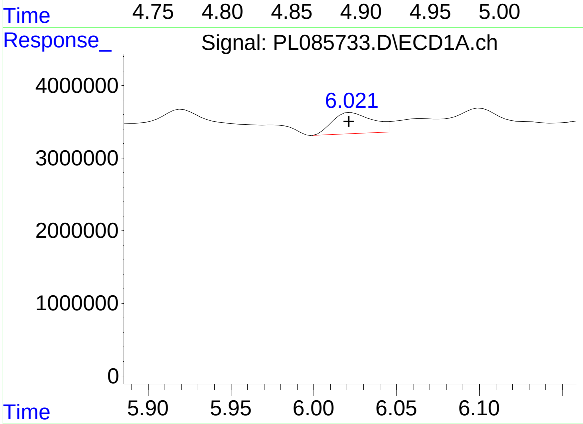



```
#11  alpha-Chlordane

      R.T.:     5.845 min
Delta R.T.:     0.007 min
  Response:   12655719
      Conc:    3.70 ng/ml
```

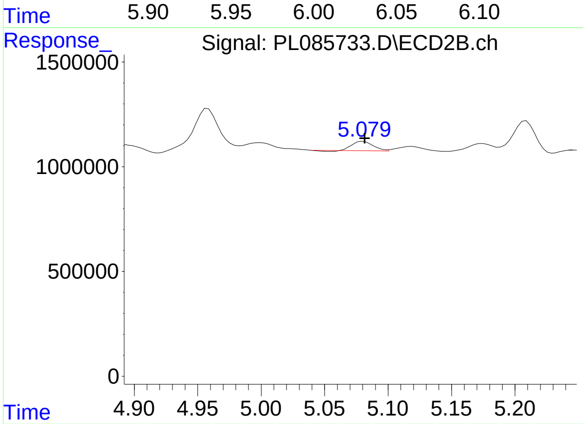
Instrument :
ECD_L
ClientSampleId :



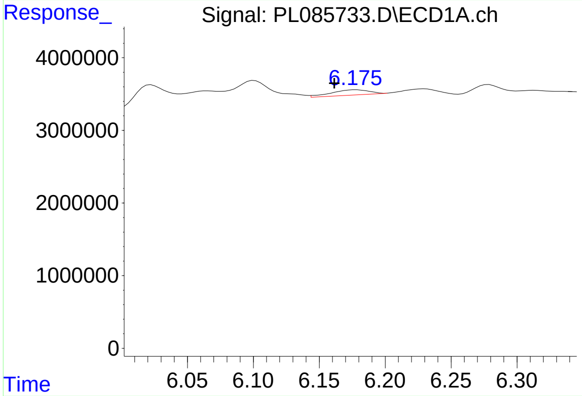

```
#11  alpha-Chlordane

      R.T.:     4.883 min
Delta R.T.:     0.000 min
  Response:     758121
      Conc:    0.70 ng/ml
```




```
#12  4,4'-DDE

      R.T.:     6.023 min
Delta R.T.:     0.002 min
  Response:    4897061
      Conc:    1.75 ng/ml
```



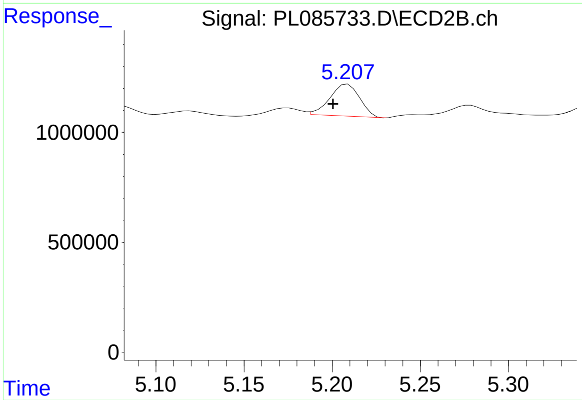

```
#12  4,4'-DDE

      R.T.:     5.081 min
Delta R.T.:    -0.001 min
  Response:     476916
      Conc:    0.58 ng/ml
```



#13 Dieldrin

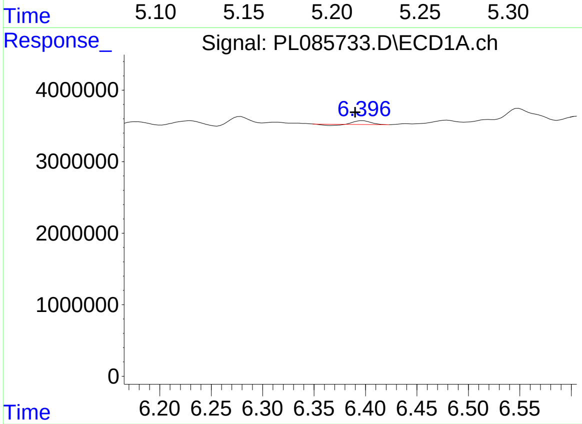
R.T.: 6.178 min
Delta R.T.: 0.016 min
Response: 1354874
Conc: 0.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



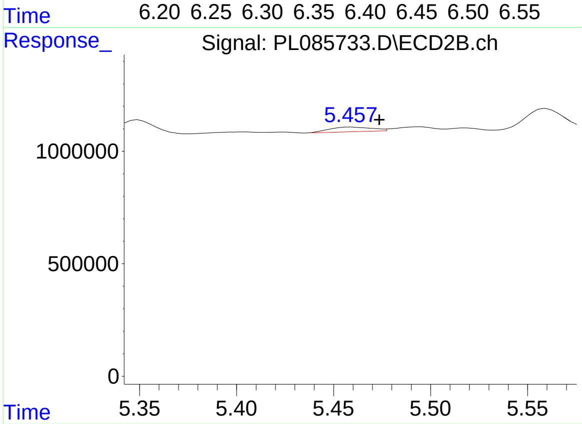
#13 Dieldrin

R.T.: 5.209 min
Delta R.T.: 0.008 min
Response: 1715698
Conc: 1.77 ng/ml



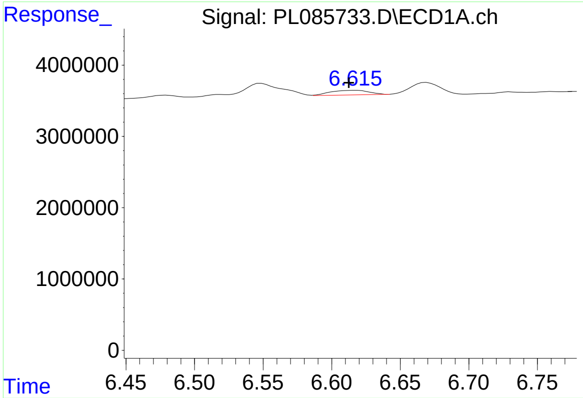
#14 Endrin

R.T.: 6.397 min
Delta R.T.: 0.007 min
Response: 475067
Conc: 0.17 ng/ml



#14 Endrin

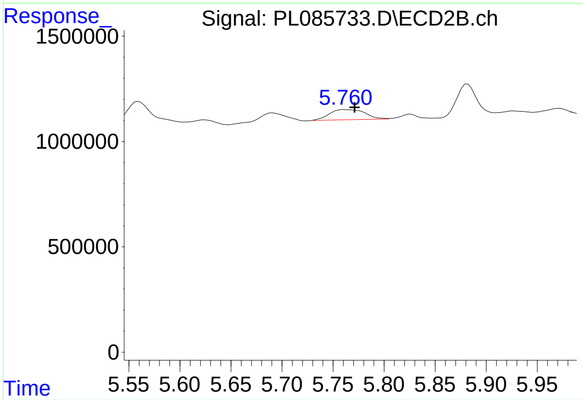
R.T.: 5.459 min
Delta R.T.: -0.015 min
Response: 310364
Conc: 0.35 ng/ml



#15 Endosulfan II

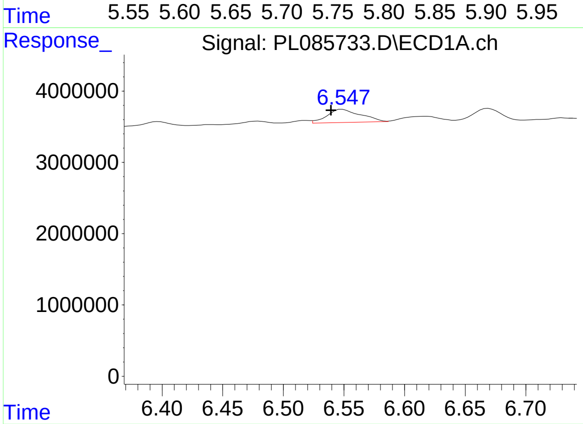
R.T.: 6.618 min
Delta R.T.: 0.005 min
Response: 1283921
Conc: 0.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



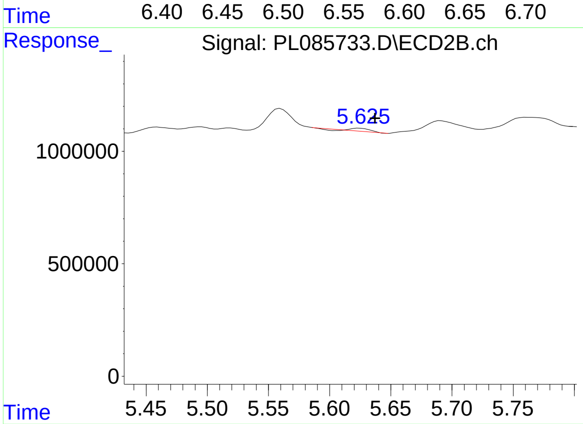
#15 Endosulfan II

R.T.: 5.761 min
Delta R.T.: -0.010 min
Response: 1165046
Conc: 1.23 ng/ml



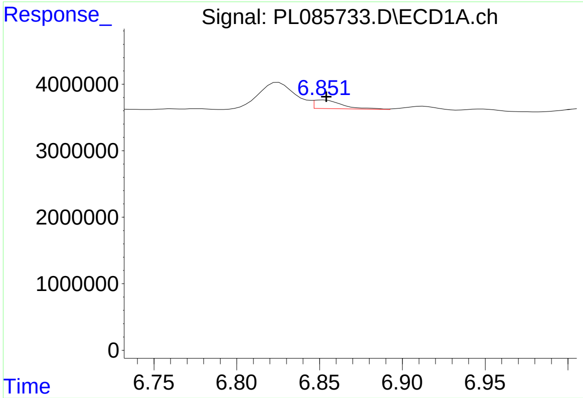
#16 4,4'-DDD

R.T.: 6.549 min
Delta R.T.: 0.009 min
Response: 3578977
Conc: 1.78 ng/ml



#16 4,4'-DDD

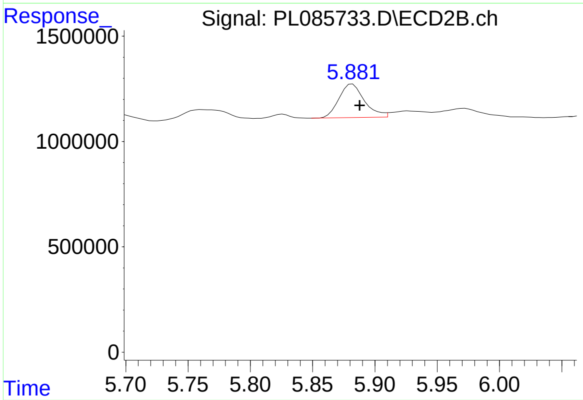
R.T.: 5.625 min
Delta R.T.: -0.013 min
Response: 121486
Conc: 0.17 ng/ml



#17 4,4'-DDT

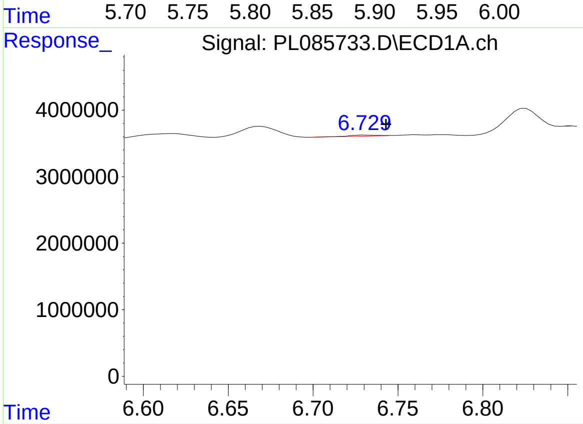
R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 1570290
Conc: 0.67 ng/ml

Instrument :
ECD_L
ClientSampleId :



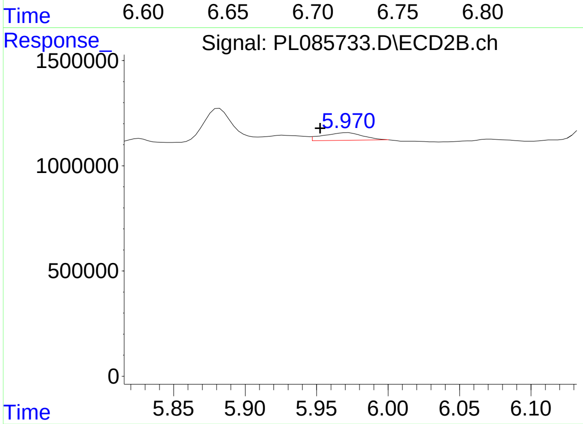
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.006 min
Response: 2277512
Conc: 2.88 ng/ml



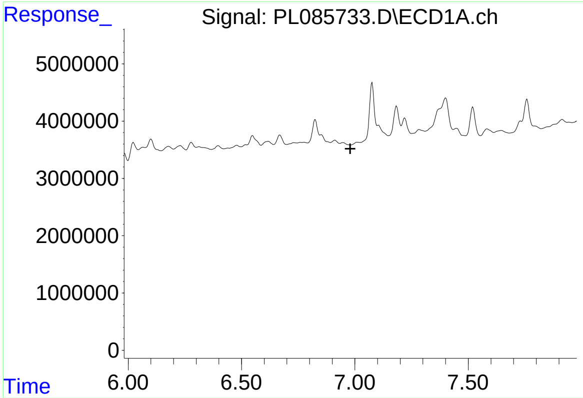
#18 Endrin aldehyde

R.T.: 6.731 min
Delta R.T.: -0.012 min
Response: 192252
Conc: 0.09 ng/ml



#18 Endrin aldehyde

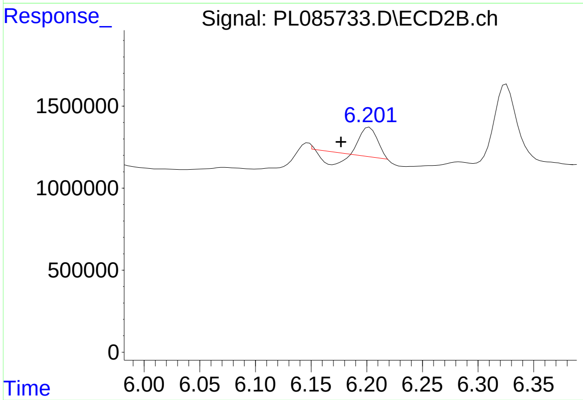
R.T.: 5.972 min
Delta R.T.: 0.019 min
Response: 710848
Conc: 0.95 ng/ml



#19 Endosulfan Sulfate

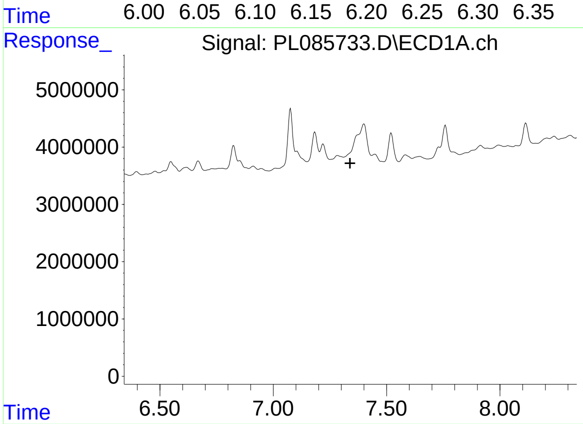
R.T.: 0.000 min
Exp R.T. : 6.979 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



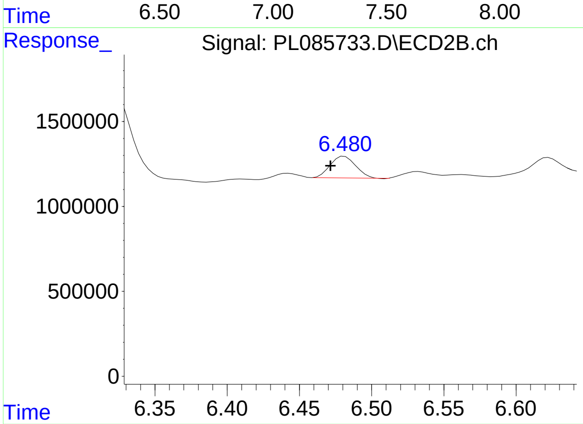
#19 Endosulfan Sulfate

R.T.: 6.202 min
Delta R.T.: 0.026 min
Response: 1178052
Conc: 1.31 ng/ml



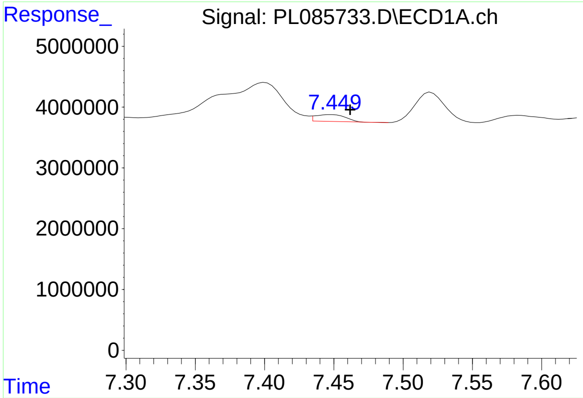
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.339 min
Response: 0
Conc: N.D.



#20 Methoxychlor

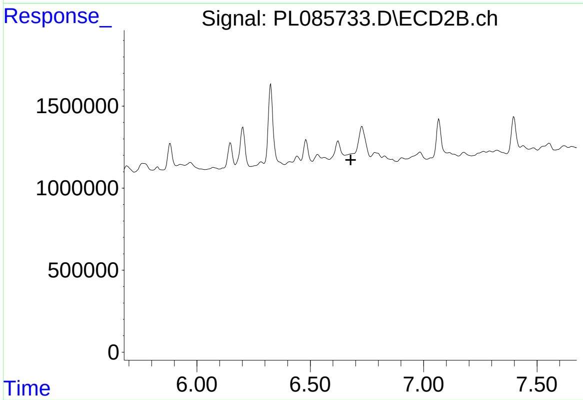
R.T.: 6.481 min
Delta R.T.: 0.010 min
Response: 1554434
Conc: 2.95 ng/ml



#21 Endrin ketone

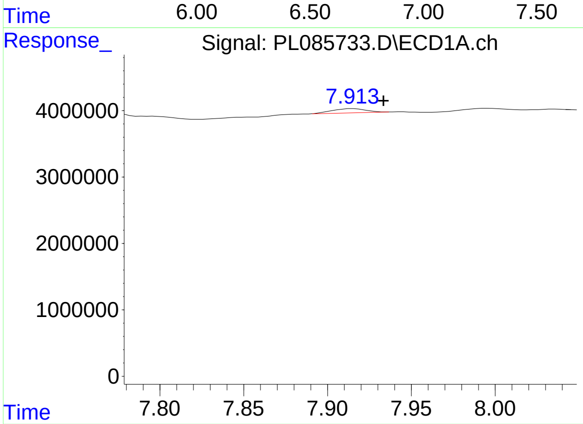
R.T.: 7.449 min
Delta R.T.: -0.013 min
Response: 1710600
Conc: 0.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



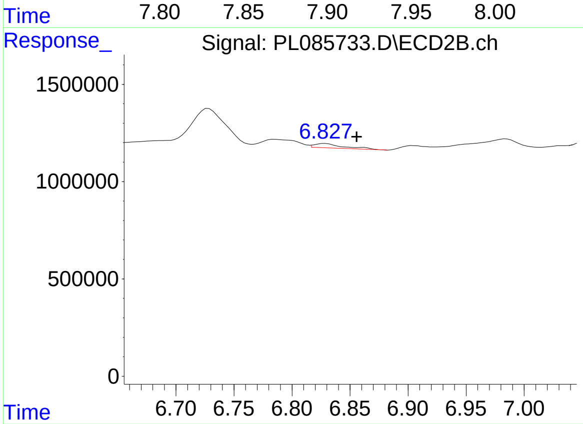
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.678 min
Response: 0
Conc: N.D.



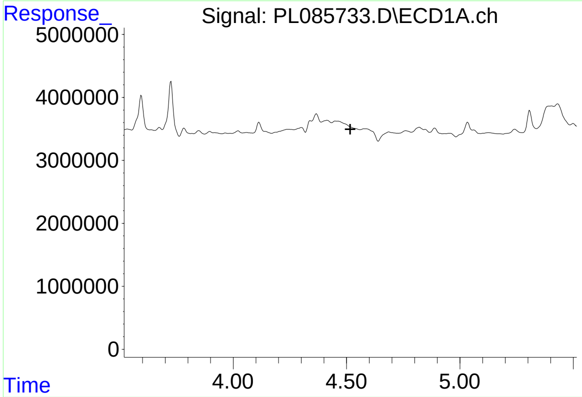
#22 Mirex

R.T.: 7.915 min
Delta R.T.: -0.019 min
Response: 886944
Conc: 0.40 ng/ml



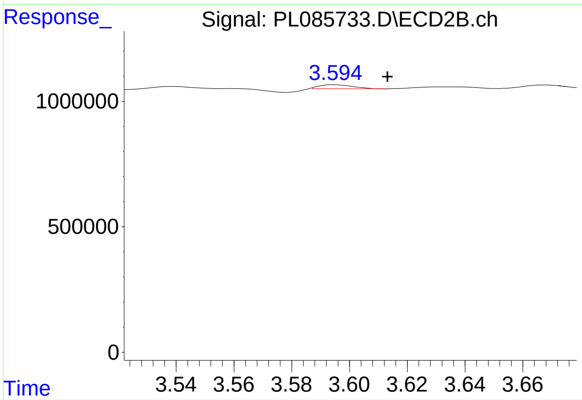
#22 Mirex

R.T.: 6.828 min
Delta R.T.: -0.027 min
Response: 402650
Conc: 0.43 ng/ml

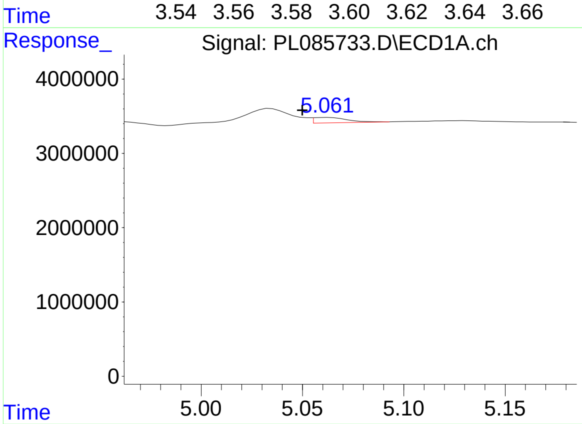



```
#23  Chlordane-1

      R.T.:    0.000 min
Exp R.T.  :    4.516 min
  Response:         0
      Conc:   N.D.
```

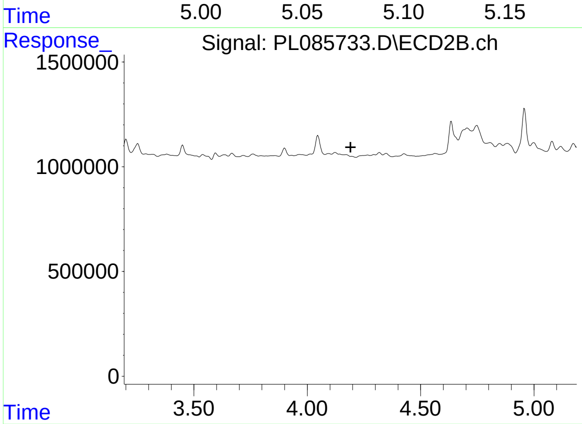
Instrument :
ECD_L
ClientSampleId :



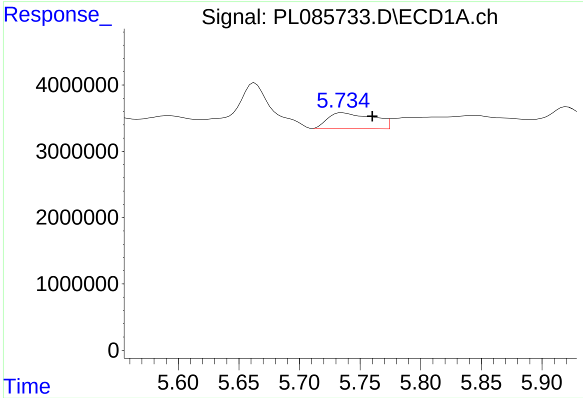

```
#23  Chlordane-1

      R.T.:    3.596 min
Delta R.T.:   -0.017 min
  Response:    129873
      Conc:   3.98 ng/ml
```




```
#24  Chlordane-2

      R.T.:    5.062 min
Delta R.T.:    0.012 min
  Response:    835987
      Conc:   6.43 ng/ml
```



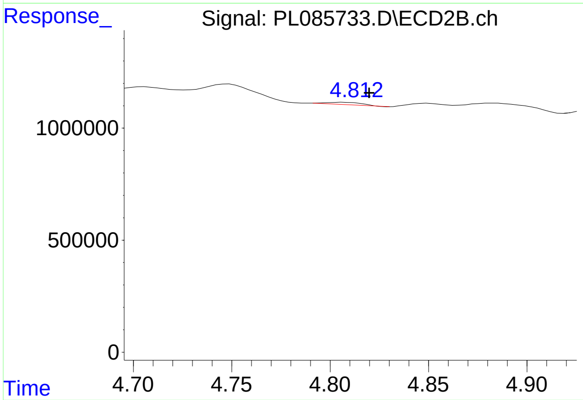

```
#24  Chlordane-2

      R.T.:    0.000 min
Exp R.T.  :    4.191 min
  Response:         0
      Conc:   N.D.
```



#25 Chlordane-3

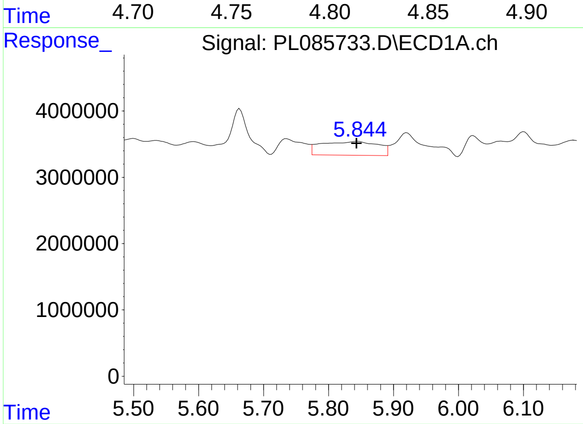
```
      R.T.:    5.735 min
Delta R.T.:   -0.025 min
  Response:   6266905
      Conc:  12.28 ng/ml
```

Instrument :
ECD_L
ClientSampleId :



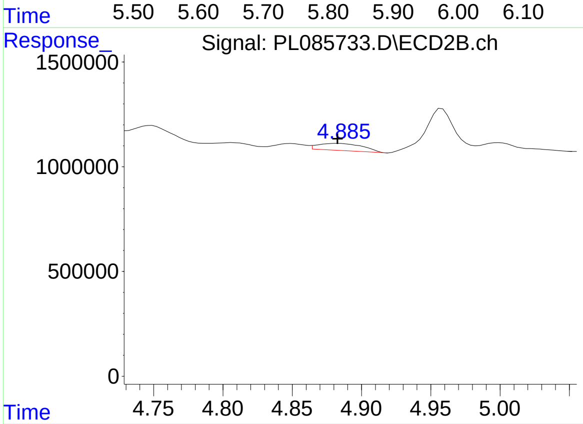
#25 Chlordane-3

```
      R.T.:    4.806 min
Delta R.T.:   -0.014 min
  Response:    127789
      Conc:   1.26 ng/ml
```



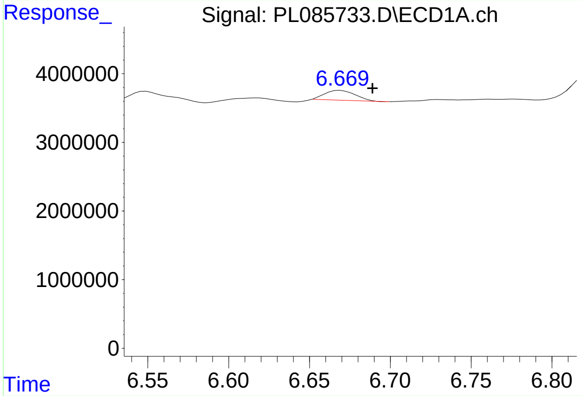
#26 Chlordane-4

```
      R.T.:    5.845 min
Delta R.T.:    0.002 min
  Response:  12655719
      Conc:  19.95 ng/ml
```



#26 Chlordane-4

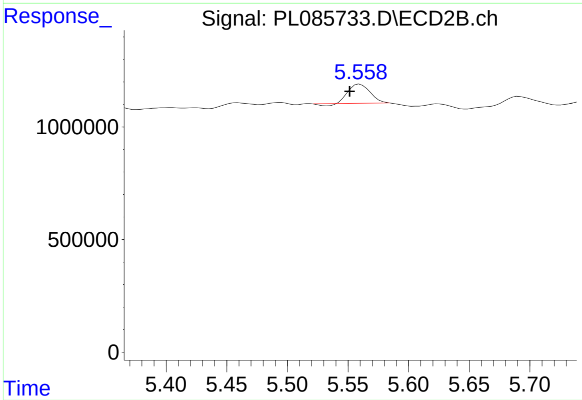
```
      R.T.:    4.883 min
Delta R.T.:    0.000 min
  Response:    758121
      Conc:   6.55 ng/ml
```



#27 Chlordane-5

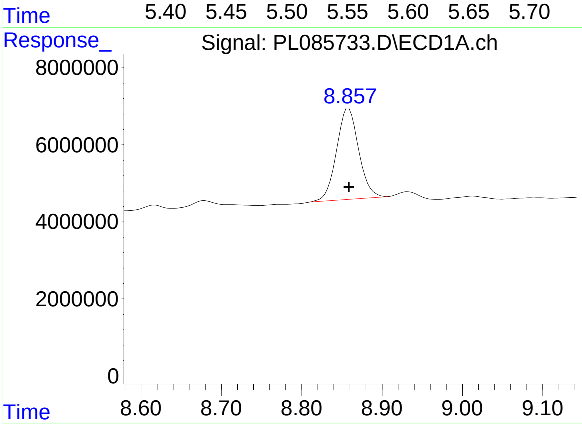
R.T.: 6.669 min
Delta R.T.: -0.020 min
Response: 1886042
Conc: 18.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



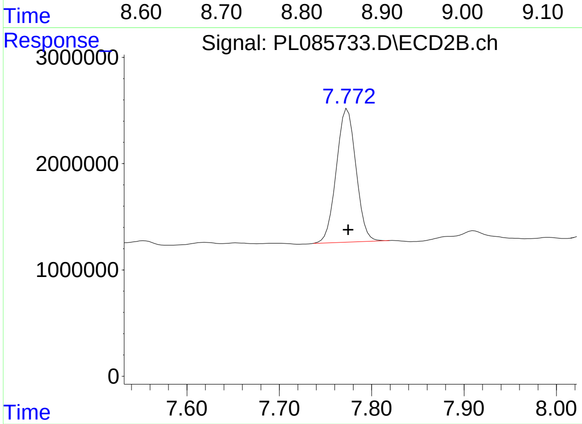
#27 Chlordane-5

R.T.: 5.560 min
Delta R.T.: 0.008 min
Response: 1011511
Conc: 36.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.858 min
Delta R.T.: 0.000 min
Response: 45150730
Conc: 20.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 18650154
Conc: 20.21 ng/ml