

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112222\  
 Data File : PL079375.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Nov 2022 17:13  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 22 20:54:32 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111622.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 16 15:31:11 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... | 3.319  | 2.566  | 42016476 | 51422631 | 20.177  | 20.191   |
| 28)                         | SA Decachlor... | 8.766  | 7.630  | 33517858 | 39515658 | 20.038  | 19.049   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.779  | 3.052  | 29513088 | 40438670 | 9.366   | 10.001   |
| 3)                          | MA gamma-BHC... | 4.112  | 3.372  | 29231948 | 35978442 | 9.739   | 10.141   |
| 4)                          | MA Heptachlor   | 0.000  | 3.673f | 0        | 16913106 | N.D.    | 4.656 #  |
| 5)                          | MB Aldrin       | 0.000  | 3.992f | 0        | 1484214  | N.D.    | 0.425 #  |
| 6)                          | B beta-BHC      | 4.327  | 3.673  | 13467025 | 16913106 | 10.241  | 12.099   |
| 7)                          | B delta-BHC     | 0.000  | 3.893  | 0        | 428326   | N.D.    | 0.119 #  |
| 8)                          | B Heptachlo...  | 5.461  | 4.484  | 5325451  | 641551   | 2.253   | 0.207 #  |
| 9)                          | A Endosulfan I  | 5.857f | 0.000  | 3280592  | 0        | 1.366   | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.698  | 4.740f | 5127784  | 7209313  | 2.006   | 2.327    |
| 11)                         | B alpha-Chl...  | 5.769f | 0.000  | 5497784  | 0        | 2.137   | N.D. #   |
| 12)                         | B 4,4'-DDE      | 5.967  | 4.972  | 1318199  | 1281118  | 0.577   | 0.447    |
| 13)                         | MA Dieldrin     | 0.000  | 5.092  | 0        | 3305654  | N.D.    | 1.075 #  |
| 14)                         | MA Endrin       | 6.346  | 5.361  | 98552002 | 121.6E6  | 44.537  | 46.566   |
| 15)                         | B Endosulfa...  | 6.604f | 5.686f | 91085    | 1389785  | 0.040   | 0.519 #  |
| 16)                         | A 4,4'-DDD      | 6.493  | 5.522  | 9163553  | 12565613 | 5.218   | 5.373    |
| 17)                         | MA 4,4'-DDT     | 6.803  | 5.768  | 181.8E6  | 222.7E6  | 87.227  | 91.240   |
| 18)                         | B Endrin al...  | 6.706  | 5.837  | 2958894  | 5489460  | 1.851   | 2.630 #  |
| 19)                         | B Endosulfa...  | 6.915f | 6.057  | 422684   | 859976   | 0.210   | 0.330 #  |
| 20)                         | A Methoxychlor  | 7.288  | 6.345  | 239.9E6  | 274.8E6  | 225.010 | 208.048  |
| 21)                         | B Endrin ke...  | 7.426  | 6.555  | 8021793  | 14446215 | 3.853   | 5.107 #  |
| 22)                         | Mirex           | 7.885  | 0.000  | 284735   | 0        | 0.179   | N.D. #   |
| 24)                         | Chlordane-2     | 0.000  | 4.110  | 0        | 4850696  | N.D.    | 45.678 # |
| 25)                         | Chlordane-3     | 5.698  | 4.740f | 5127784  | 7209313  | 13.312  | 22.627 # |
| 26)                         | Chlordane-4     | 5.808f | 0.000  | 1166434  | 0        | 2.465   | N.D. #   |
| 27)                         | Chlordane-5     | 0.000  | 5.445  | 0        | 84525    | N.D.    | 0.991 #  |
| -----                       |                 |        |        |          |          |         |          |

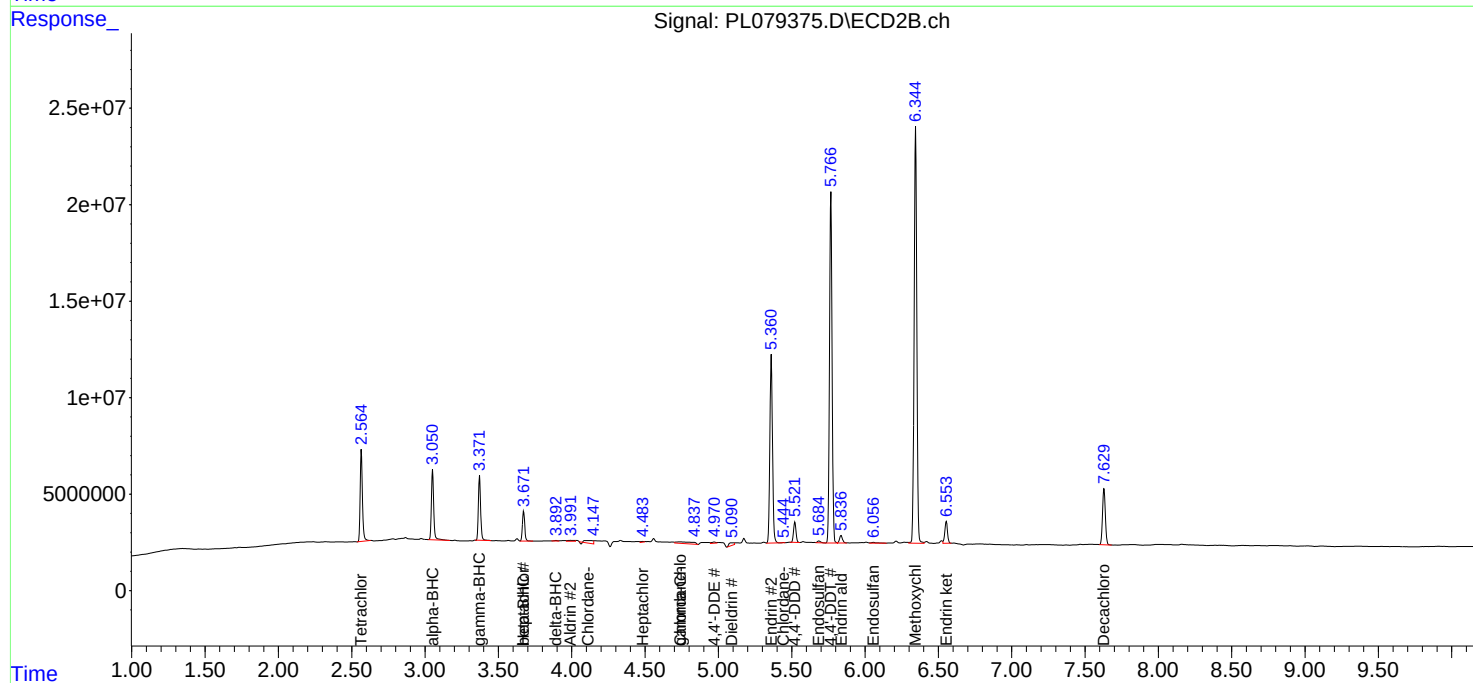
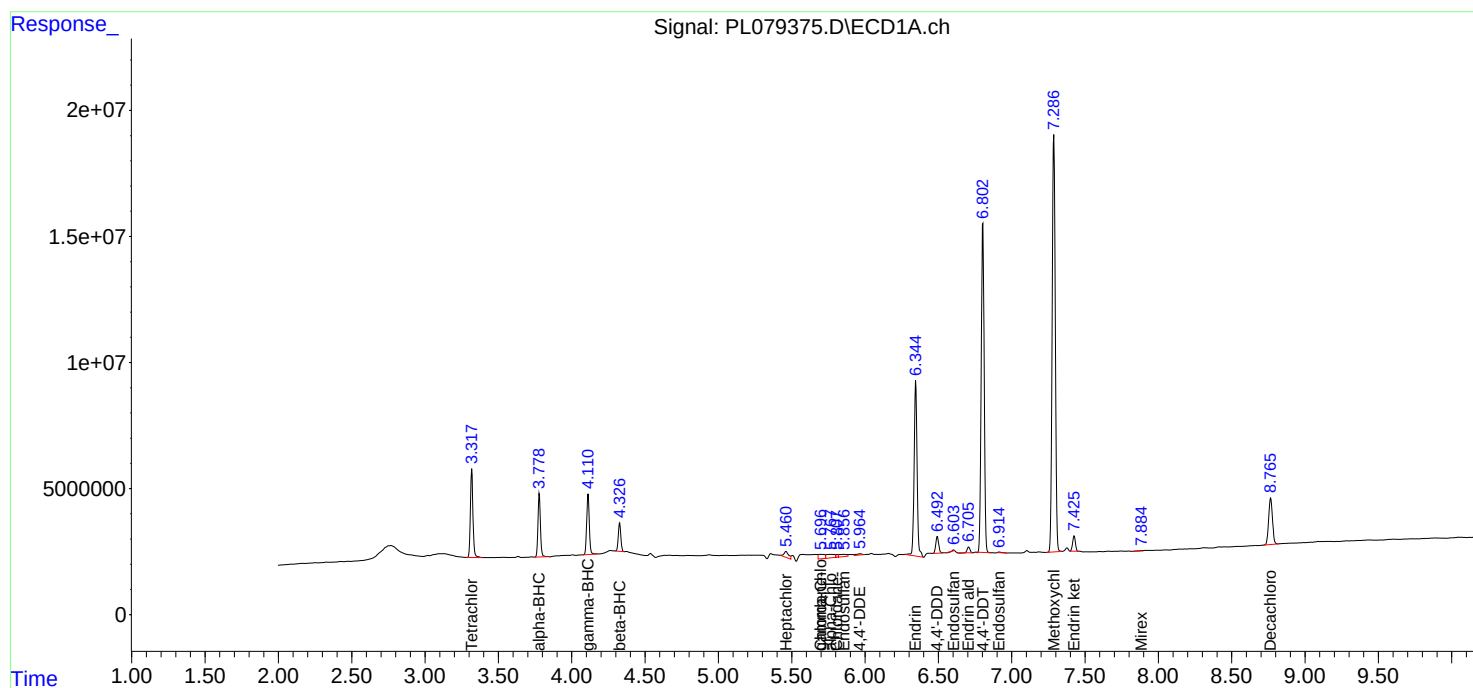
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

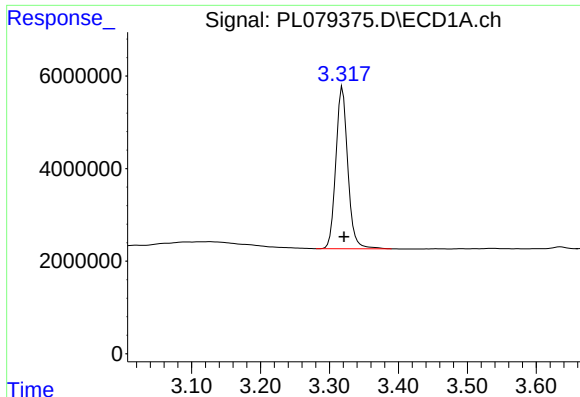
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112222\  
Data File : PL079375.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Nov 2022 17:13  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 22 20:54:32 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111622.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 16 15:31:11 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

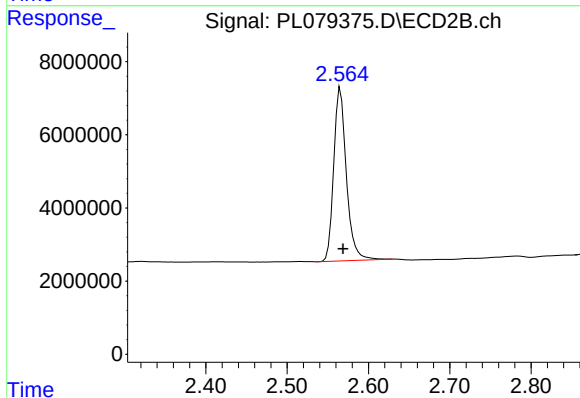




#1 Tetrachloro-m-xylene

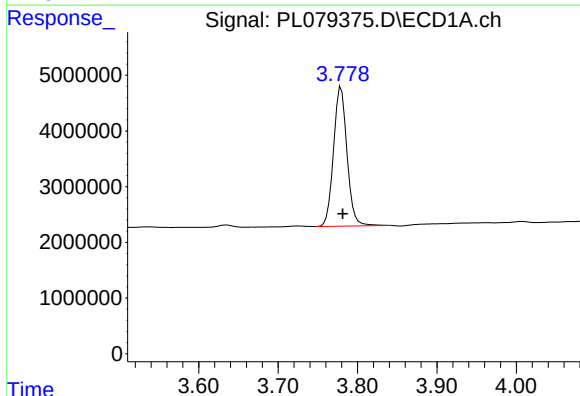
R.T.: 3.319 min  
Delta R.T.: -0.002 min  
Response: 42016476  
Conc: 20.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



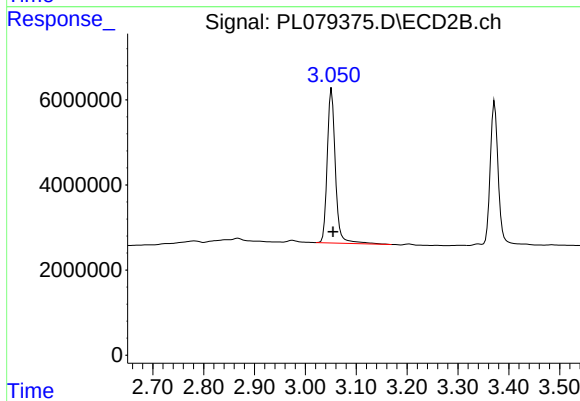
#1 Tetrachloro-m-xylene

R.T.: 2.566 min  
Delta R.T.: -0.003 min  
Response: 51422631  
Conc: 20.19 ng/ml



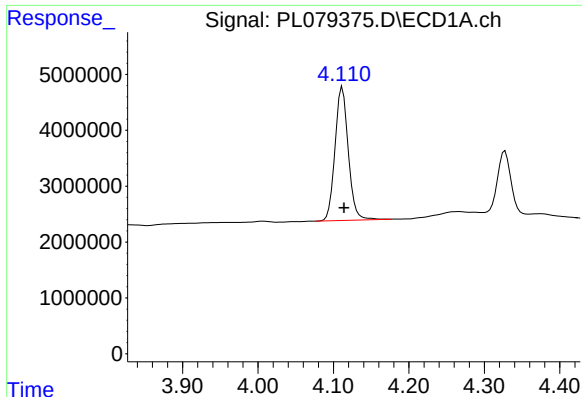
#2 alpha-BHC

R.T.: 3.779 min  
Delta R.T.: -0.002 min  
Response: 29513088  
Conc: 9.37 ng/ml



#2 alpha-BHC

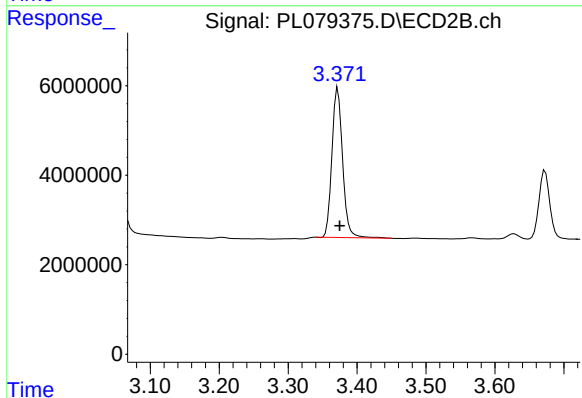
R.T.: 3.052 min  
Delta R.T.: -0.003 min  
Response: 40438670  
Conc: 10.00 ng/ml



#3 gamma-BHC (Lindane)

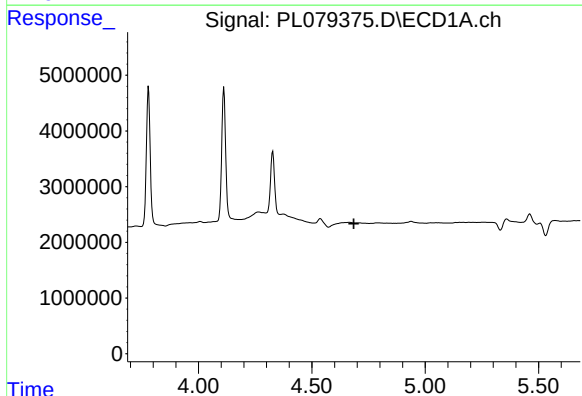
R.T.: 4.112 min  
Delta R.T.: -0.002 min  
Response: 29231948  
Conc: 9.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



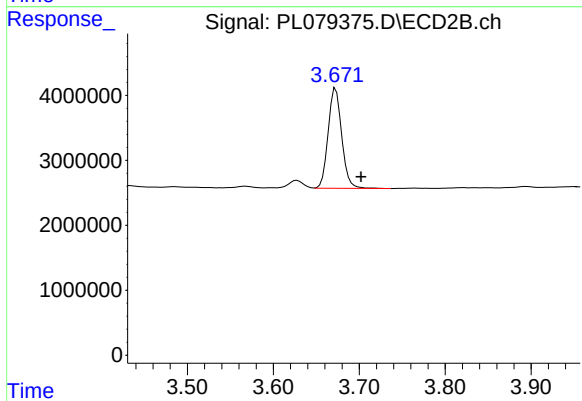
#3 gamma-BHC (Lindane)

R.T.: 3.372 min  
Delta R.T.: -0.003 min  
Response: 35978442  
Conc: 10.14 ng/ml



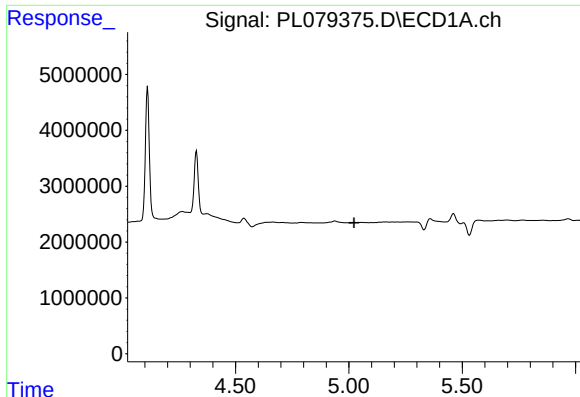
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.685 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

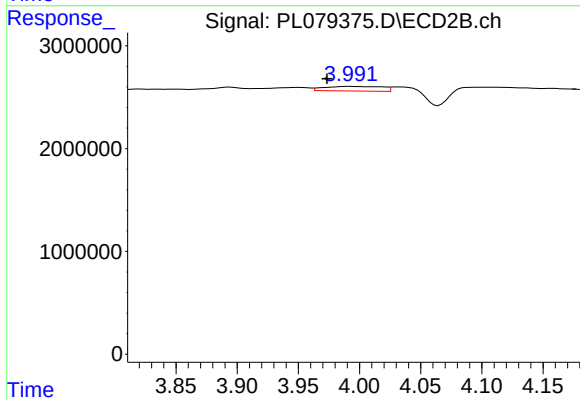
R.T.: 3.673 min  
Delta R.T.: -0.030 min  
Response: 16913106  
Conc: 4.66 ng/ml



#5 Aldrin

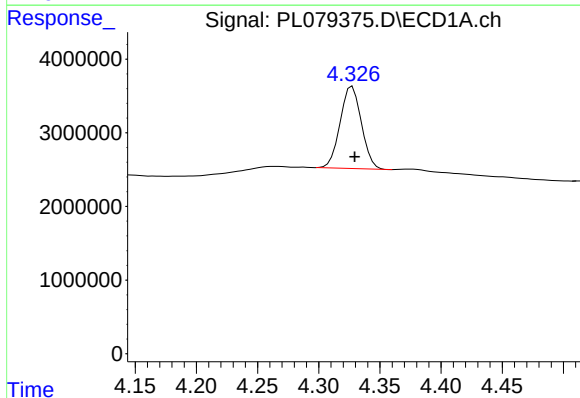
R.T.: 0.000 min  
Exp R.T.: 5.023 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



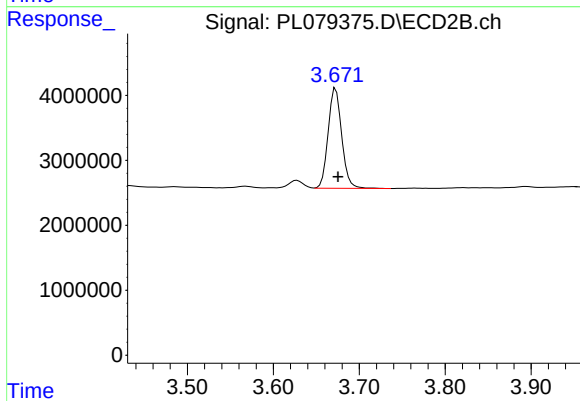
#5 Aldrin

R.T.: 3.992 min  
Delta R.T.: 0.019 min  
Response: 1484214  
Conc: 0.42 ng/ml



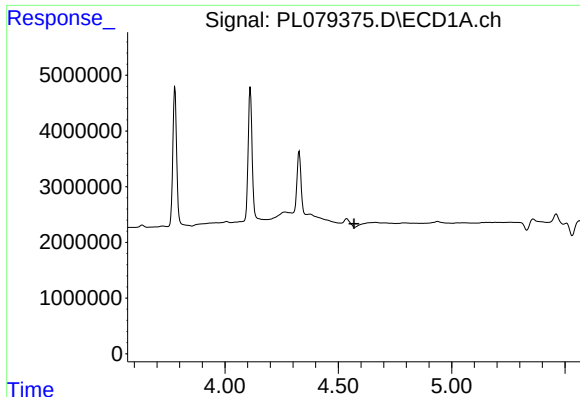
#6 beta-BHC

R.T.: 4.327 min  
Delta R.T.: -0.002 min  
Response: 13467025  
Conc: 10.24 ng/ml



#6 beta-BHC

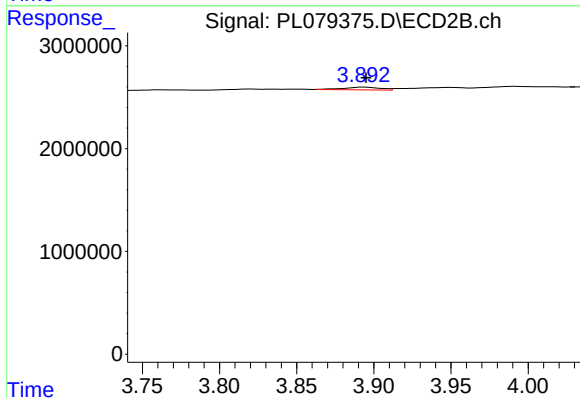
R.T.: 3.673 min  
Delta R.T.: -0.003 min  
Response: 16913106  
Conc: 12.10 ng/ml



#7 delta-BHC

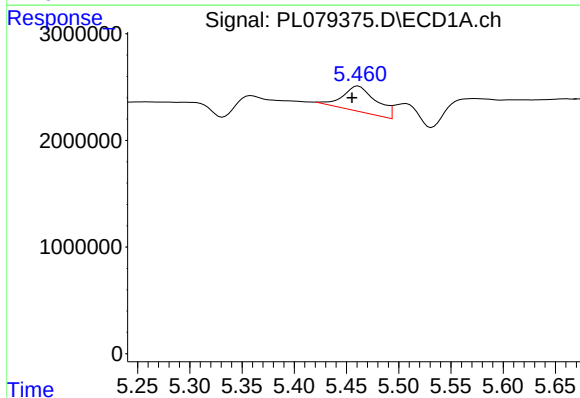
R.T.: 0.000 min  
Exp R.T.: 4.570 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



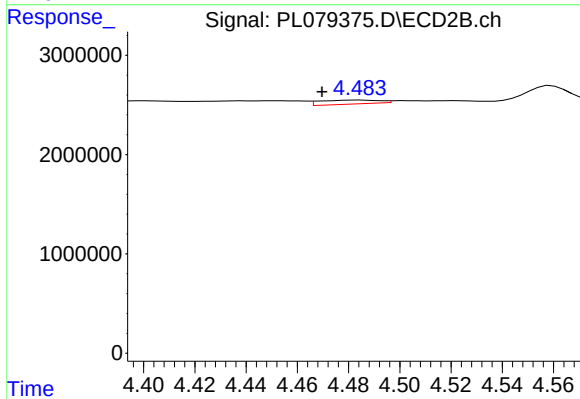
#7 delta-BHC

R.T.: 3.893 min  
Delta R.T.: -0.002 min  
Response: 428326  
Conc: 0.12 ng/ml



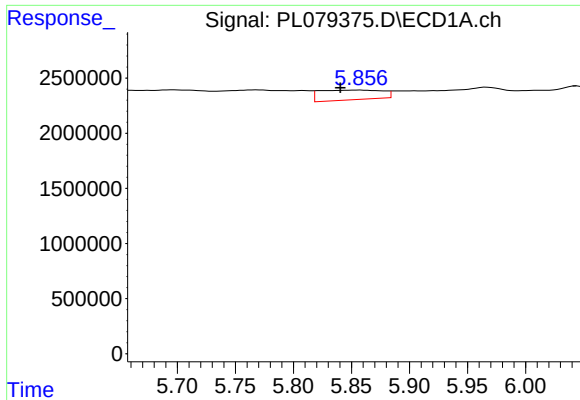
#8 Heptachlor epoxide

R.T.: 5.461 min  
Delta R.T.: 0.006 min  
Response: 5325451  
Conc: 2.25 ng/ml



#8 Heptachlor epoxide

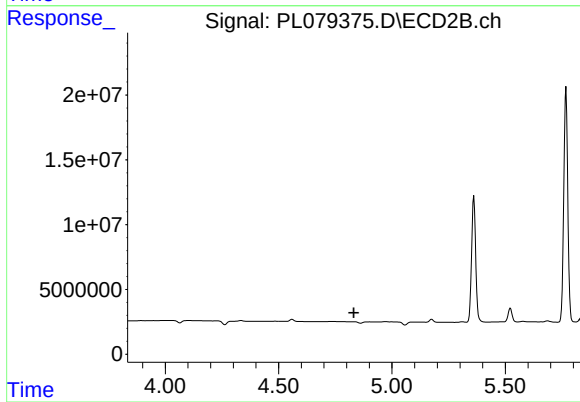
R.T.: 4.484 min  
Delta R.T.: 0.015 min  
Response: 641551  
Conc: 0.21 ng/ml



#9 Endosulfan I

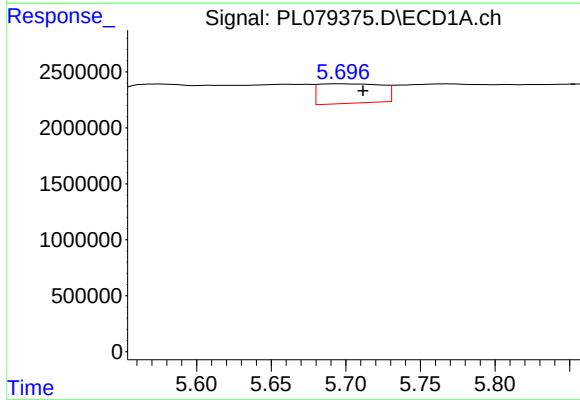
R.T.: 5.857 min  
Delta R.T.: 0.016 min  
Response: 3280592  
Conc: 1.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



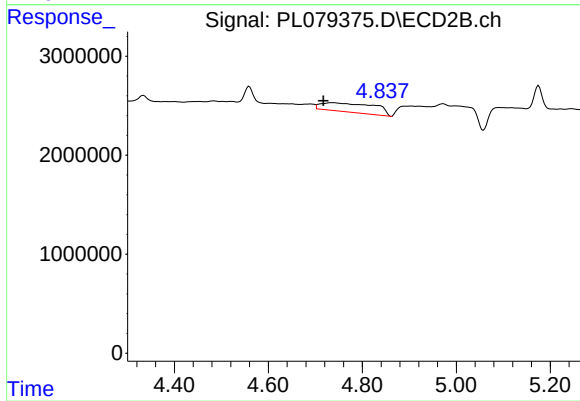
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 4.832 min  
Response: 0  
Conc: N.D.



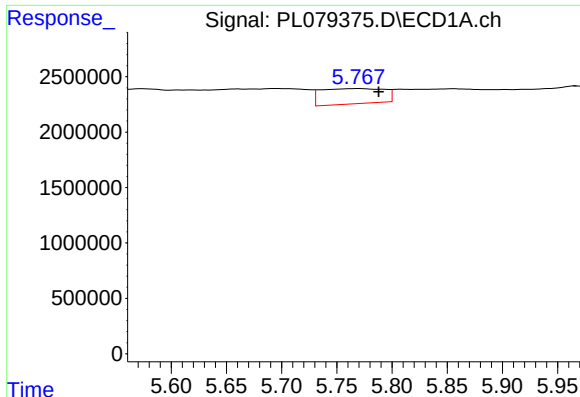
#10 gamma-Chlordane

R.T.: 5.698 min  
Delta R.T.: -0.014 min  
Response: 5127784  
Conc: 2.01 ng/ml



#10 gamma-Chlordane

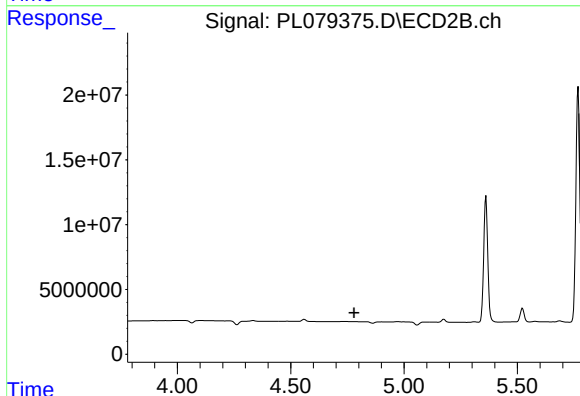
R.T.: 4.740 min  
Delta R.T.: 0.023 min  
Response: 7209313  
Conc: 2.33 ng/ml



#11 alpha-Chlordane

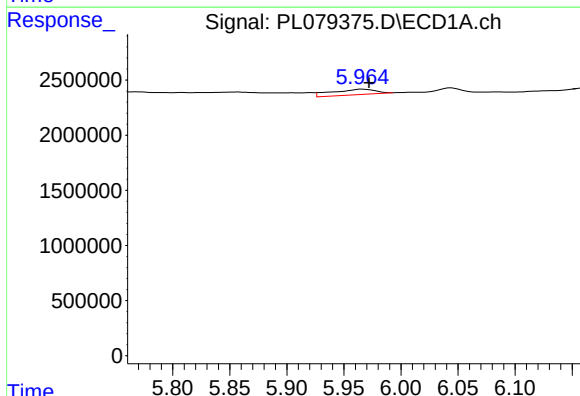
R.T.: 5.769 min  
Delta R.T.: -0.019 min  
Response: 5497784  
Conc: 2.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



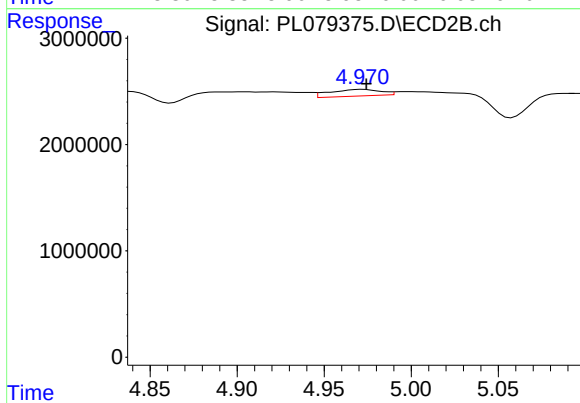
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 4.779 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

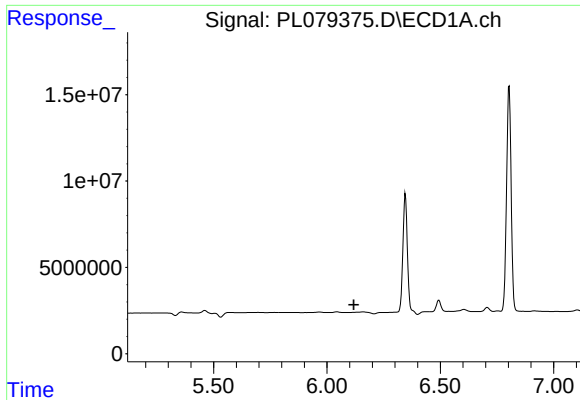
R.T.: 5.967 min  
Delta R.T.: -0.006 min  
Response: 1318199  
Conc: 0.58 ng/ml



#12 4,4'-DDE

R.T.: 4.972 min  
Delta R.T.: -0.002 min  
Response: 1281118  
Conc: 0.45 ng/ml

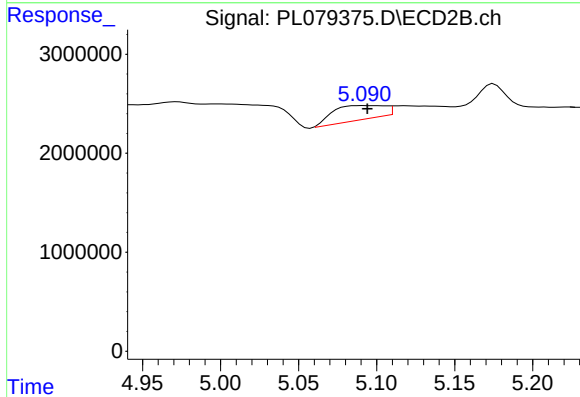




#13 Dieldrin

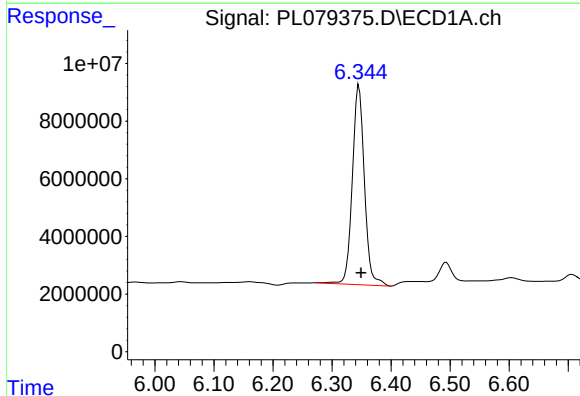
R.T.: 0.000 min  
Exp R.T.: 6.118 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



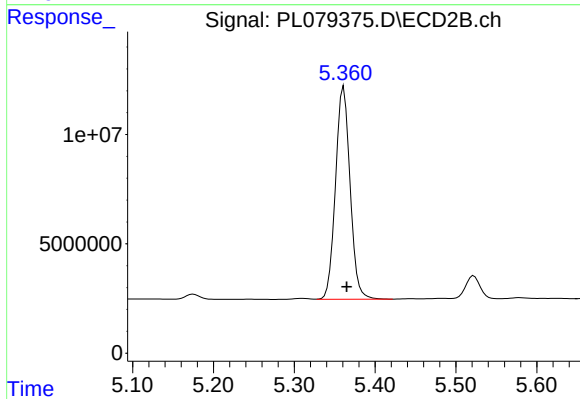
#13 Dieldrin

R.T.: 5.092 min  
Delta R.T.: -0.002 min  
Response: 3305654  
Conc: 1.07 ng/ml



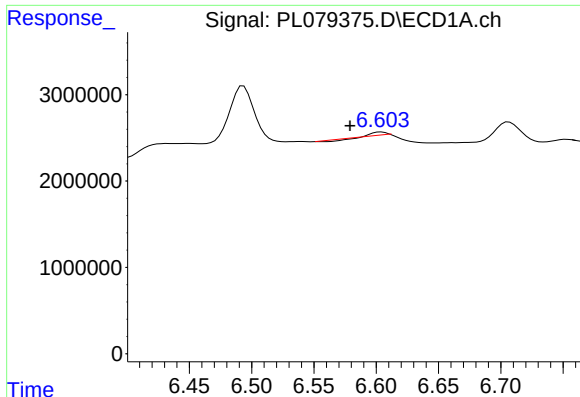
#14 Endrin

R.T.: 6.346 min  
Delta R.T.: -0.003 min  
Response: 98552002  
Conc: 44.54 ng/ml



#14 Endrin

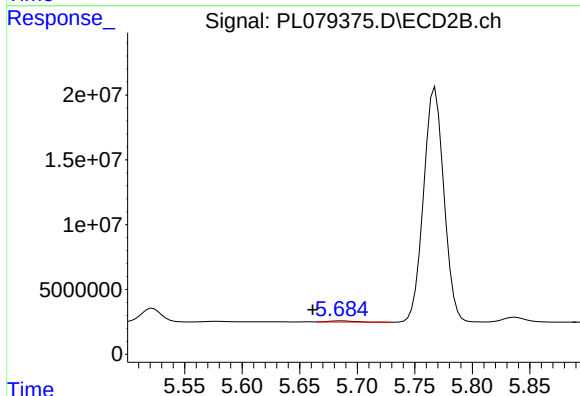
R.T.: 5.361 min  
Delta R.T.: -0.004 min  
Response: 121622369  
Conc: 46.57 ng/ml



#15 Endosulfan II

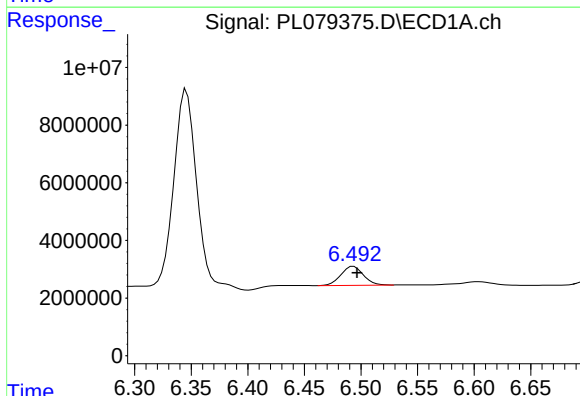
R.T.: 6.604 min  
Delta R.T.: 0.025 min  
Response: 91085  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



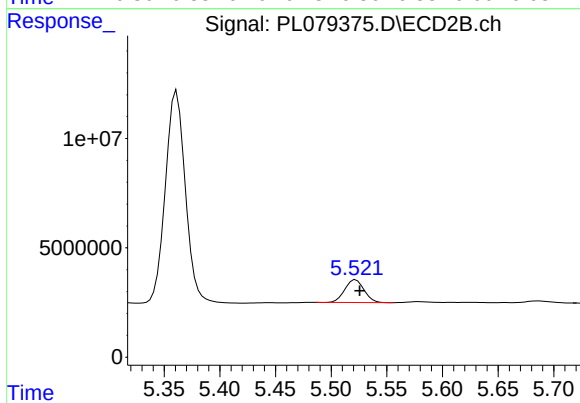
#15 Endosulfan II

R.T.: 5.686 min  
Delta R.T.: 0.024 min  
Response: 1389785  
Conc: 0.52 ng/ml



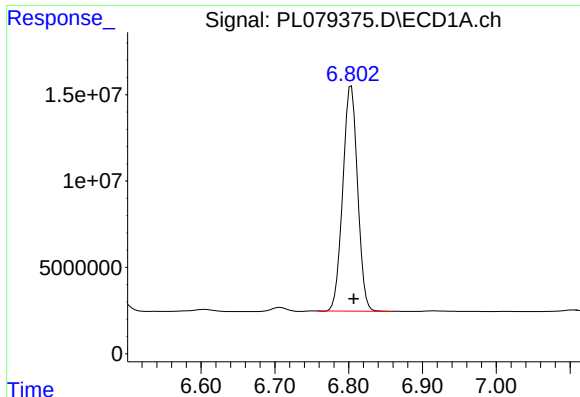
#16 4,4'-DDD

R.T.: 6.493 min  
Delta R.T.: -0.003 min  
Response: 9163553  
Conc: 5.22 ng/ml



#16 4,4'-DDD

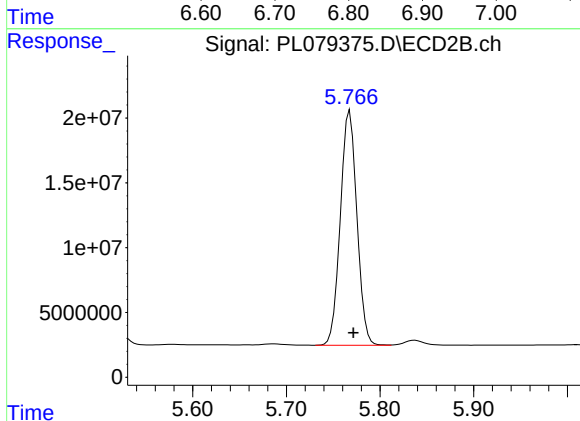
R.T.: 5.522 min  
Delta R.T.: -0.003 min  
Response: 12565613  
Conc: 5.37 ng/ml



#17 4,4'-DDT

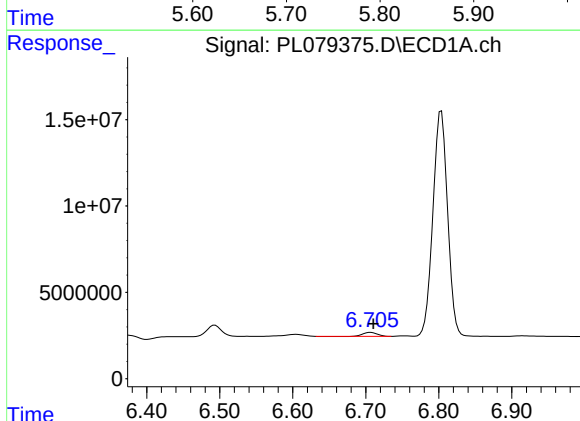
R.T.: 6.803 min  
Delta R.T.: -0.003 min  
Response: 181822259  
Conc: 87.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



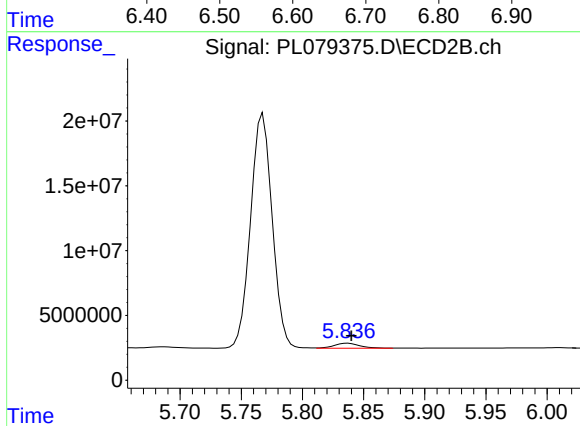
#17 4,4'-DDT

R.T.: 5.768 min  
Delta R.T.: -0.004 min  
Response: 222700291  
Conc: 91.24 ng/ml



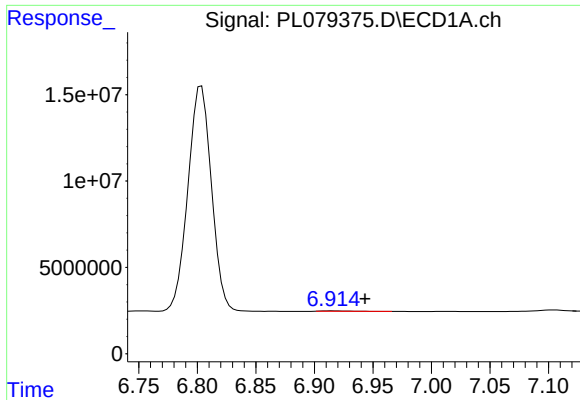
#18 Endrin aldehyde

R.T.: 6.706 min  
Delta R.T.: -0.004 min  
Response: 2958894  
Conc: 1.85 ng/ml



#18 Endrin aldehyde

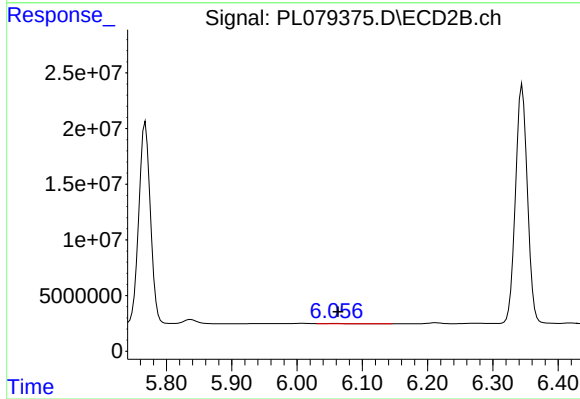
R.T.: 5.837 min  
Delta R.T.: -0.003 min  
Response: 5489460  
Conc: 2.63 ng/ml



#19 Endosulfan Sulfate

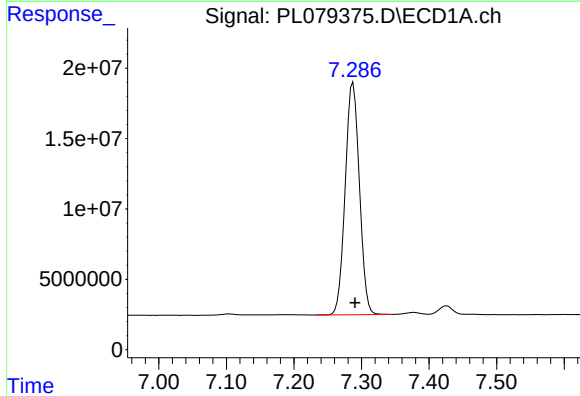
R.T.: 6.915 min  
Delta R.T.: -0.028 min  
Response: 422684  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



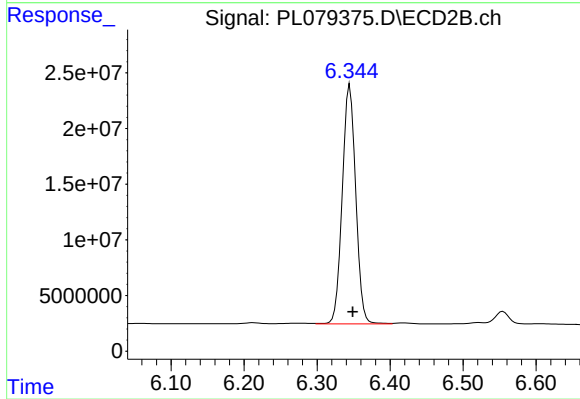
#19 Endosulfan Sulfate

R.T.: 6.057 min  
Delta R.T.: -0.005 min  
Response: 859976  
Conc: 0.33 ng/ml



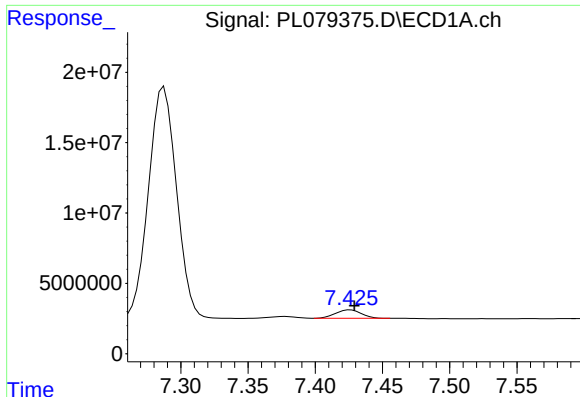
#20 Methoxychlor

R.T.: 7.288 min  
Delta R.T.: -0.003 min  
Response: 239875277  
Conc: 225.01 ng/ml



#20 Methoxychlor

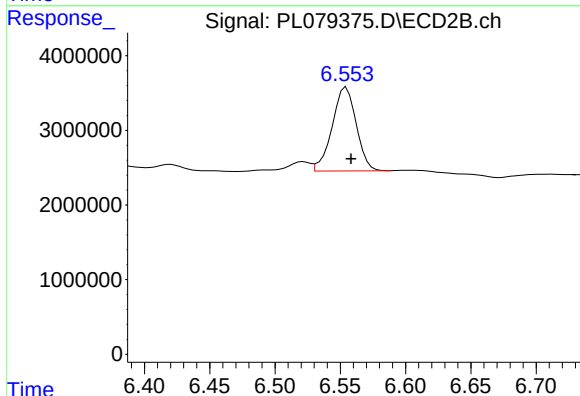
R.T.: 6.345 min  
Delta R.T.: -0.004 min  
Response: 274846284  
Conc: 208.05 ng/ml



#21 Endrin ketone

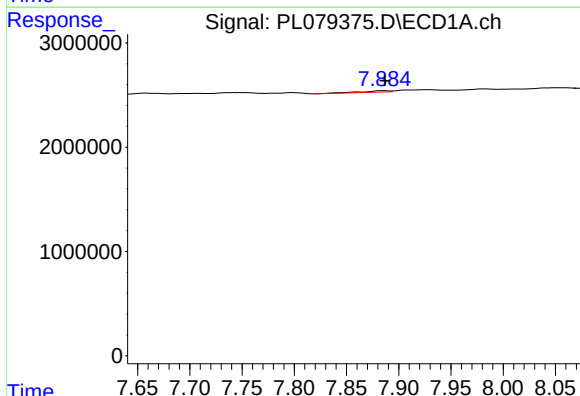
R.T.: 7.426 min  
Delta R.T.: -0.003 min  
Response: 8021793  
Conc: 3.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



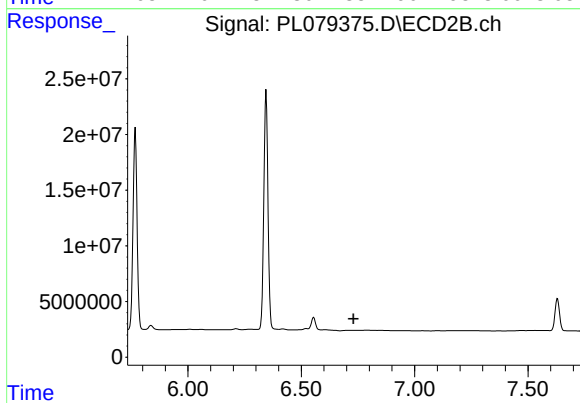
#21 Endrin ketone

R.T.: 6.555 min  
Delta R.T.: -0.004 min  
Response: 14446215  
Conc: 5.11 ng/ml



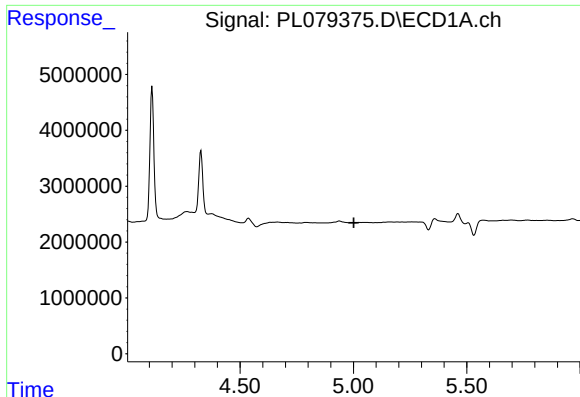
#22 Mirex

R.T.: 7.885 min  
Delta R.T.: -0.002 min  
Response: 284735  
Conc: 0.18 ng/ml



#22 Mirex

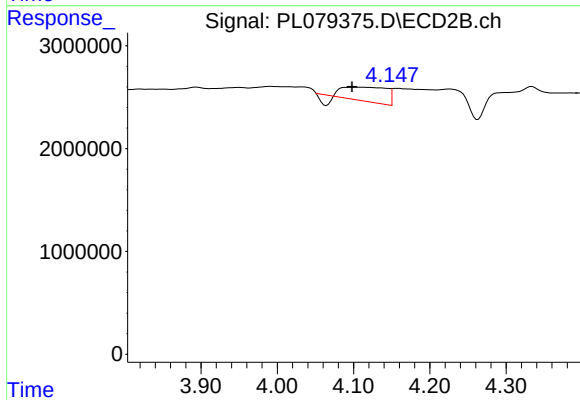
R.T.: 0.000 min  
Exp R.T. : 6.731 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

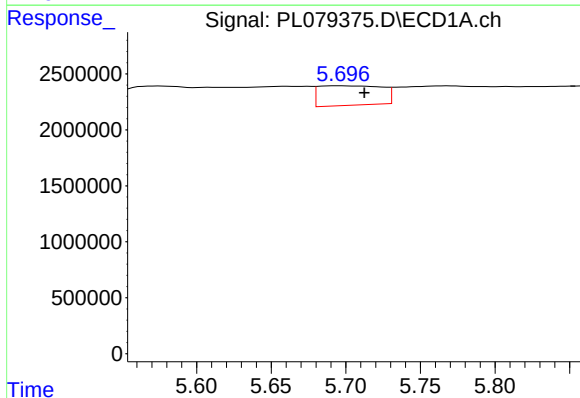
R.T.: 0.000 min  
Exp R.T.: 5.002 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



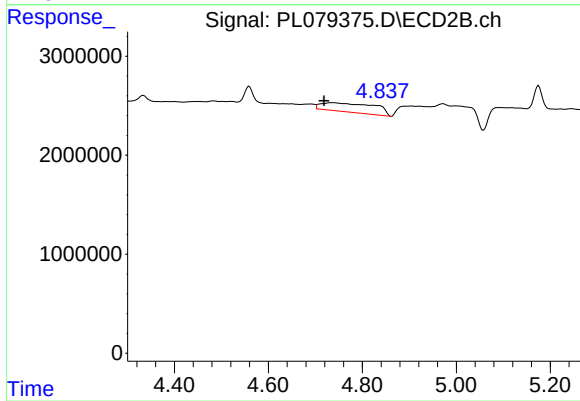
#24 Chlordane-2

R.T.: 4.110 min  
Delta R.T.: 0.012 min  
Response: 4850696  
Conc: 45.68 ng/ml



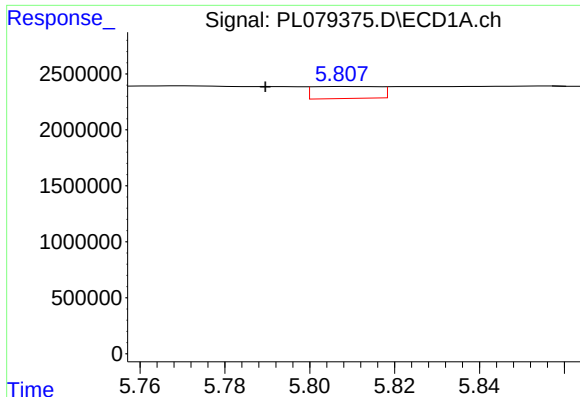
#25 Chlordane-3

R.T.: 5.698 min  
Delta R.T.: -0.015 min  
Response: 5127784  
Conc: 13.31 ng/ml



#25 Chlordane-3

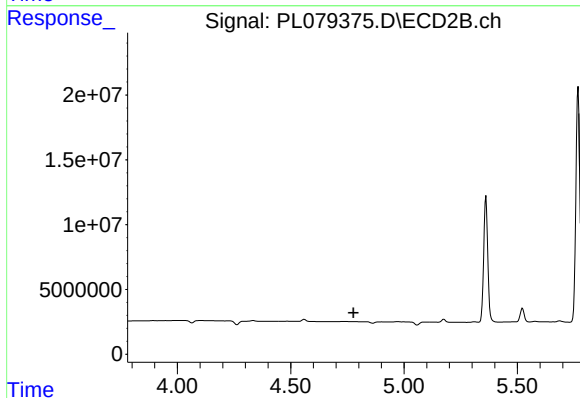
R.T.: 4.740 min  
Delta R.T.: 0.022 min  
Response: 7209313  
Conc: 22.63 ng/ml



#26 Chlordane-4

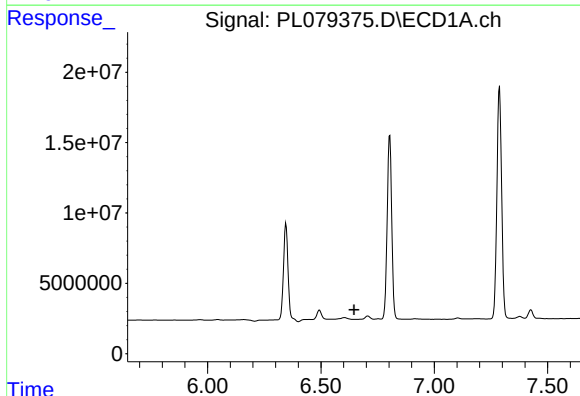
R.T.: 5.808 min  
Delta R.T.: 0.019 min  
Response: 1166434  
Conc: 2.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



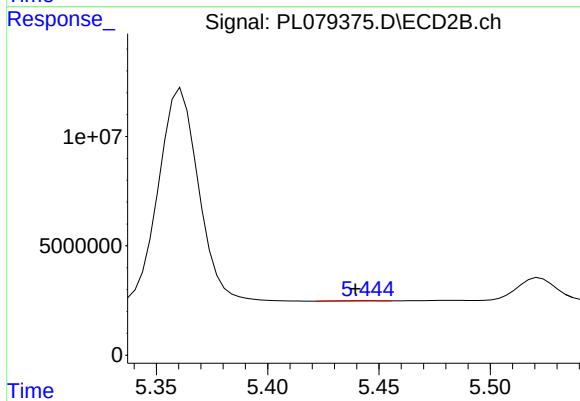
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 4.778 min  
Response: 0  
Conc: N.D.



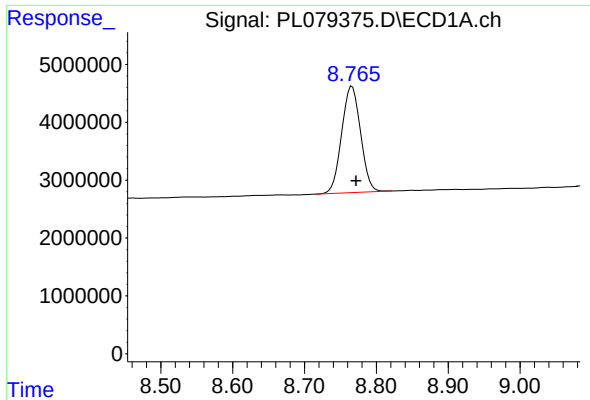
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.646 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

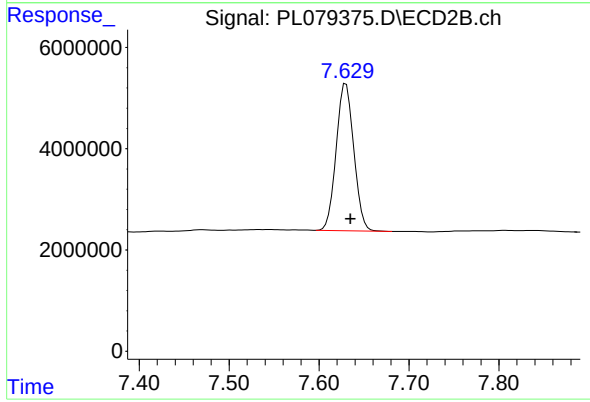
R.T.: 5.445 min  
Delta R.T.: 0.006 min  
Response: 84525  
Conc: 0.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.766 min  
Delta R.T.: -0.005 min  
Response: 33517858  
Conc: 20.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.630 min  
Delta R.T.: -0.005 min  
Response: 39515658  
Conc: 19.05 ng/ml