

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111122\  
 Data File : PL079062.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Nov 2022 02:33  
 Operator : AR\AJ  
 Sample : N5524-01  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 12 04:34:39 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... | 3.321  | 2.569  | 48879675 | 63132224 | 25.632 | 24.727   |
| 28)                         | SA Decachlor... | 8.774  | 7.636  | 31705774 | 43095542 | 21.076 | 22.752   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.808f | 3.085f | 4627353  | 321386   | 1.612  | 0.081 #  |
| 3)                          | MA gamma-BHC... | 4.137f | 3.380  | 183465   | 438114   | 0.069  | 0.122 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.690f | 0        | 10491723 | N.D.   | 3.025 #  |
| 5)                          | MB Aldrin       | 5.018  | 3.957f | 622998   | 10335974 | 0.252  | 2.952 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.690  | 0        | 10491723 | N.D.   | 7.312 #  |
| 7)                          | B delta-BHC     | 4.542f | 3.894  | 1770680  | 466497   | 0.778  | 0.128 #  |
| 8)                          | B Heptachlo...  | 5.458  | 4.468  | 3292990  | 2352933  | 1.551  | 0.781 #  |
| 9)                          | A Endosulfan I  | 5.830  | 4.863f | 992861   | 10631886 | 0.465  | 3.714 #  |
| 10)                         | B gamma-Chl...  | 5.711  | 4.718  | 7342565  | 5273931  | 3.253  | 1.721 #  |
| 11)                         | B alpha-Chl...  | 5.791  | 4.780  | 8026562  | 8575516  | 3.469  | 2.877    |
| 12)                         | B 4,4'-DDE      | 5.971  | 4.975  | 6861022  | 14253253 | 3.428  | 5.235 #  |
| 13)                         | MA Dieldrin     | 6.120  | 5.095  | 4115164  | 12558462 | 1.908  | 4.238 #  |
| 14)                         | MA Endrin       | 0.000  | 5.384  | 0        | 4438608  | N.D.   | 1.704 #  |
| 15)                         | B Endosulfa...  | 6.576  | 5.672  | 262408   | 2047019  | 0.140  | 0.899 #  |
| 16)                         | A 4,4'-DDD      | 6.492  | 5.527  | 3515817  | 821511   | 2.109  | 0.374 #  |
| 17)                         | MA 4,4'-DDT     | 6.808  | 5.772  | 7282131  | 10774119 | 4.063  | 4.967    |
| 18)                         | B Endrin al...  | 6.713  | 5.846  | 358372   | 966877   | 0.246  | 0.515 #  |
| 19)                         | B Endosulfa...  | 6.921f | 6.064  | 83611    | 988752   | 0.045  | 0.415 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.367  | 0        | 6443160  | N.D.   | 5.678 #  |
| 22)                         | Mirex           | 7.880  | 0.000  | 1074408  | 0        | 0.736  | N.D. #   |
| 23)                         | Chlordane-1     | 0.000  | 3.557f | 0        | 7180733  | N.D.   | 71.199 # |
| 24)                         | Chlordane-2     | 5.018  | 4.097  | 622998   | 4061401  | 7.529  | 38.162 # |
| 25)                         | Chlordane-3     | 5.711  | 4.718  | 7342565  | 5273931  | 21.981 | 17.304   |
| 26)                         | Chlordane-4     | 5.791  | 4.780  | 8026562  | 8575516  | 19.551 | 26.244 # |
| 27)                         | Chlordane-5     | 6.649  | 5.460  | -973778  | 7120457  | N.D.   | 87.307   |
| -----                       |                 |        |        |          |          |        |          |

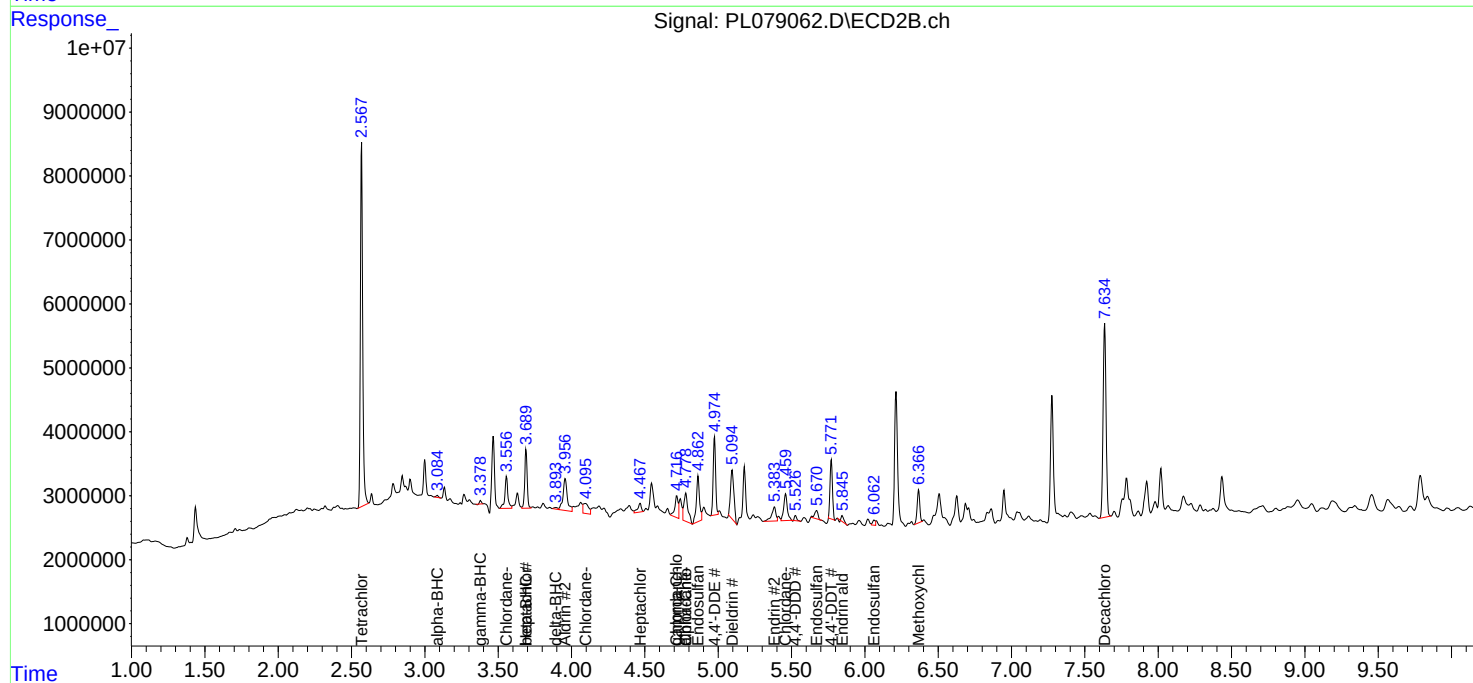
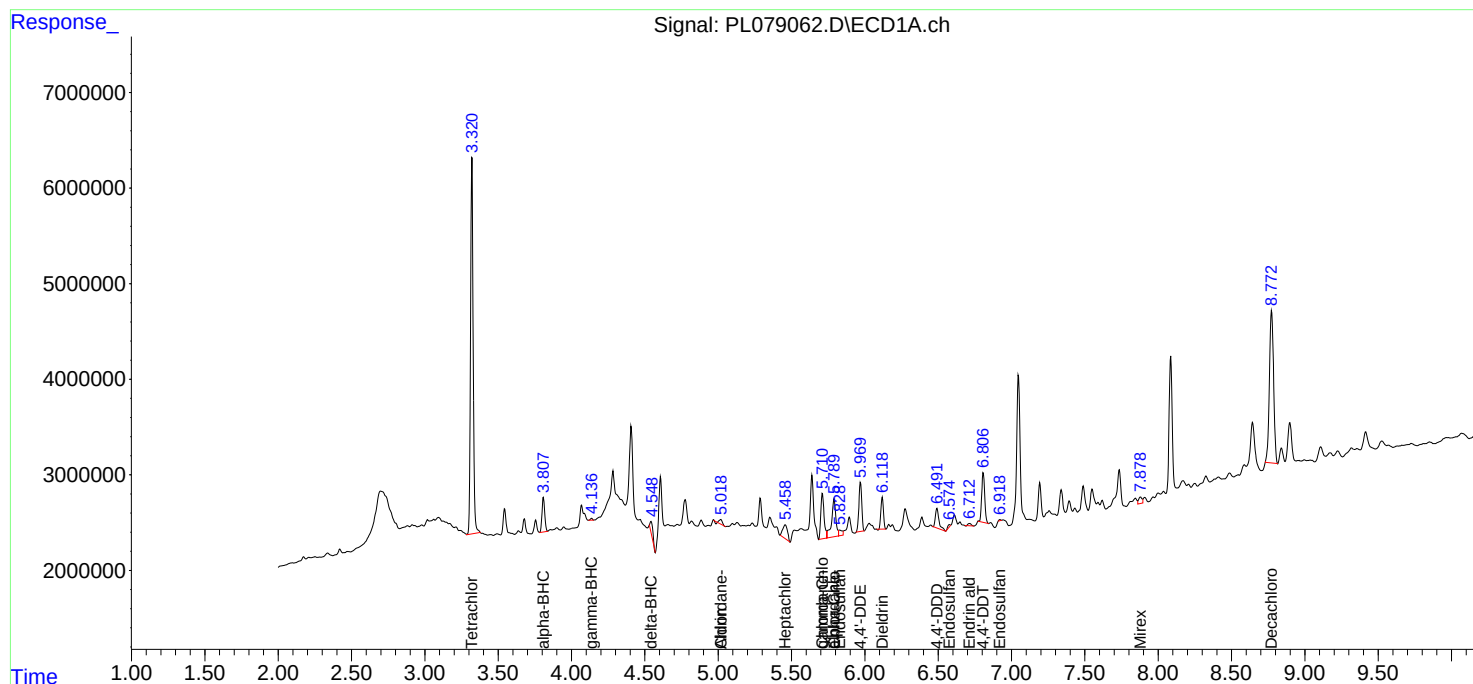
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

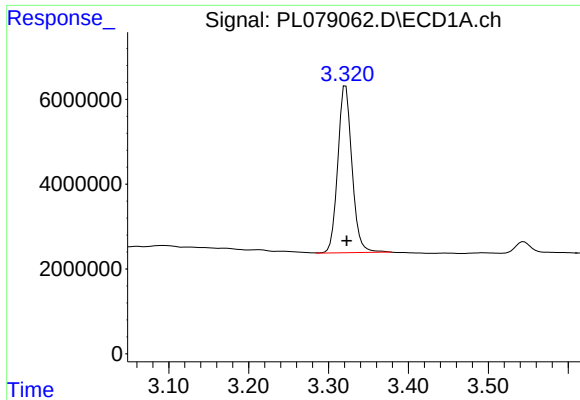
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111122\  
Data File : PL079062.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Nov 2022 02:33  
Operator : AR\AJ  
Sample : N5524-01  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 12 04:34:39 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

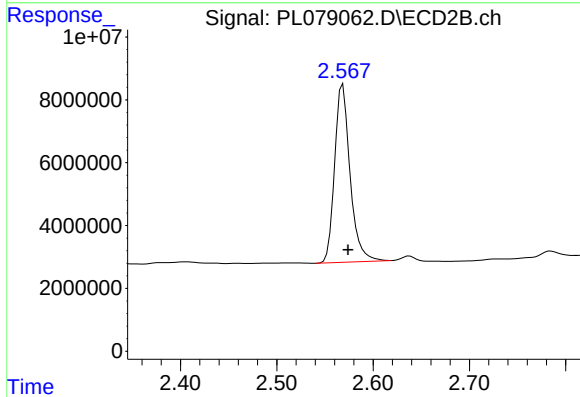




#1 Tetrachloro-m-xylene

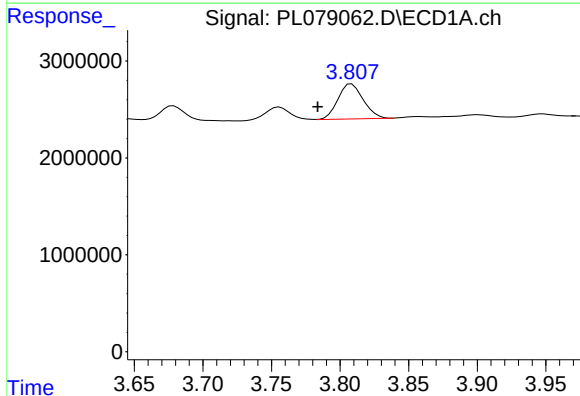
R.T.: 3.321 min  
Delta R.T.: -0.002 min  
Response: 48879675  
Conc: 25.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



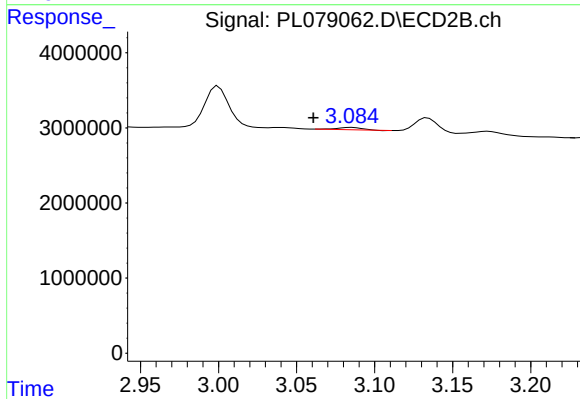
#1 Tetrachloro-m-xylene

R.T.: 2.569 min  
Delta R.T.: -0.005 min  
Response: 63132224  
Conc: 24.73 ng/ml



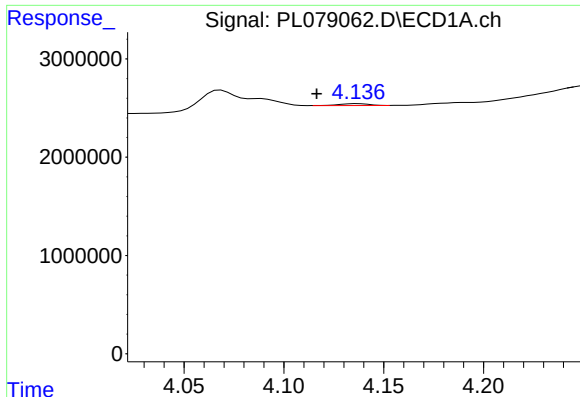
#2 alpha-BHC

R.T.: 3.808 min  
Delta R.T.: 0.025 min  
Response: 4627353  
Conc: 1.61 ng/ml



#2 alpha-BHC

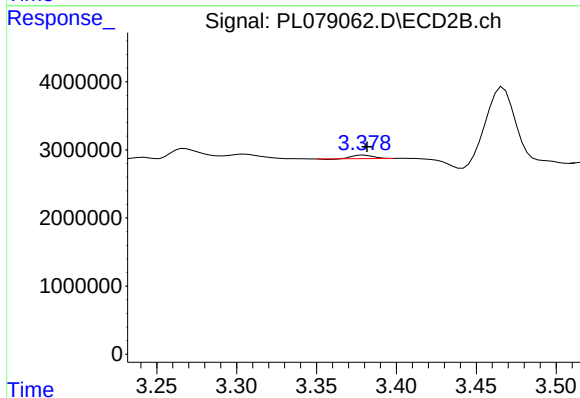
R.T.: 3.085 min  
Delta R.T.: 0.024 min  
Response: 321386  
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

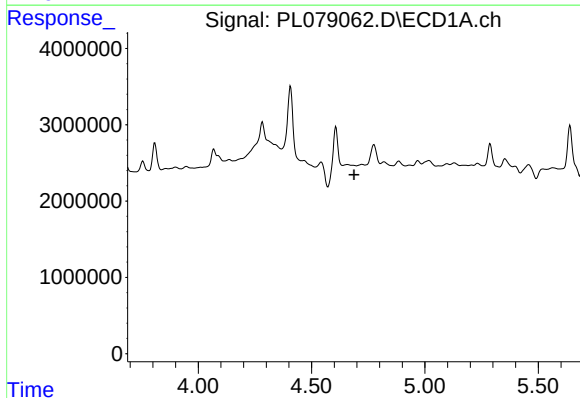
R.T.: 4.137 min  
Delta R.T.: 0.021 min  
Response: 183465  
Conc: 0.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



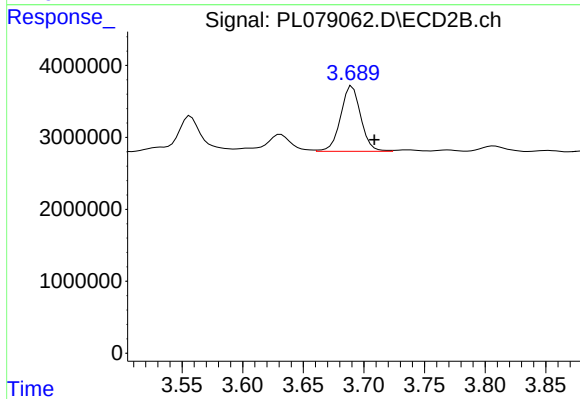
#3 gamma-BHC (Lindane)

R.T.: 3.380 min  
Delta R.T.: -0.002 min  
Response: 438114  
Conc: 0.12 ng/ml



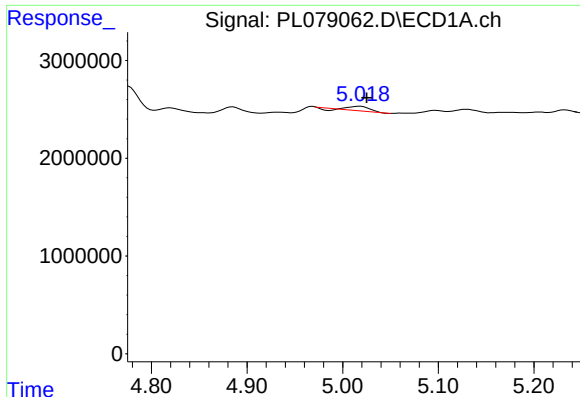
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.688 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

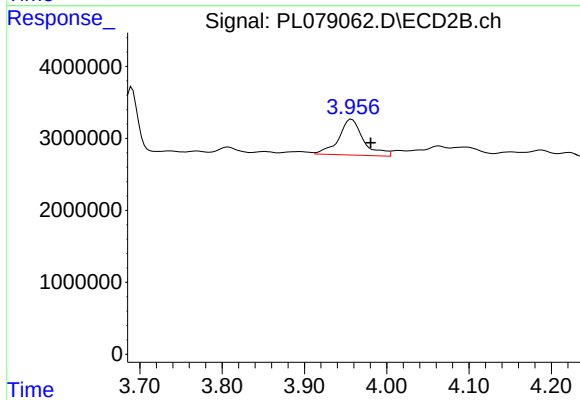
R.T.: 3.690 min  
Delta R.T.: -0.018 min  
Response: 10491723  
Conc: 3.03 ng/ml



#5 Aldrin

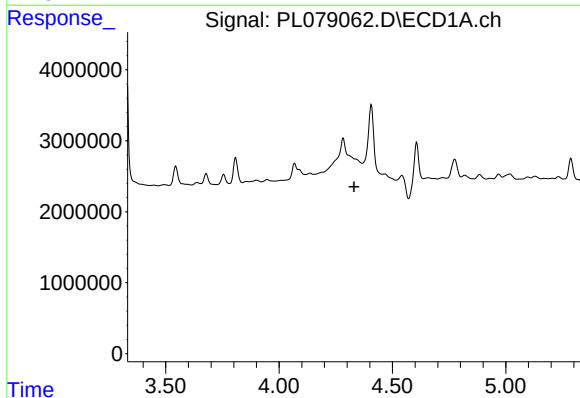
R.T.: 5.018 min  
Delta R.T.: -0.007 min  
Response: 622998  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



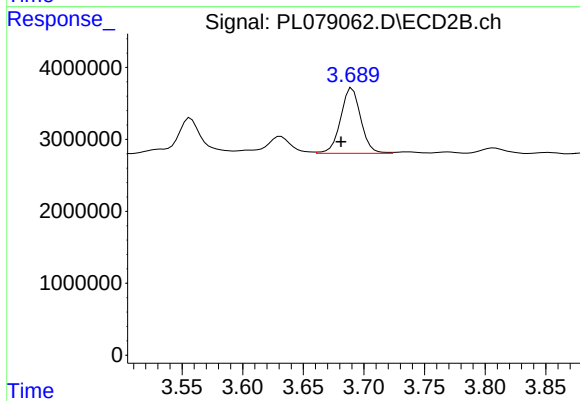
#5 Aldrin

R.T.: 3.957 min  
Delta R.T.: -0.023 min  
Response: 10335974  
Conc: 2.95 ng/ml



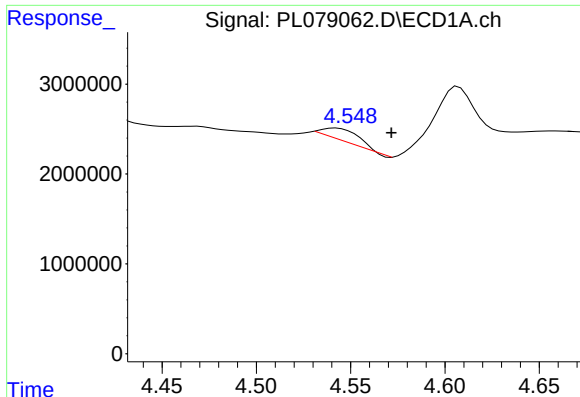
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.331 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

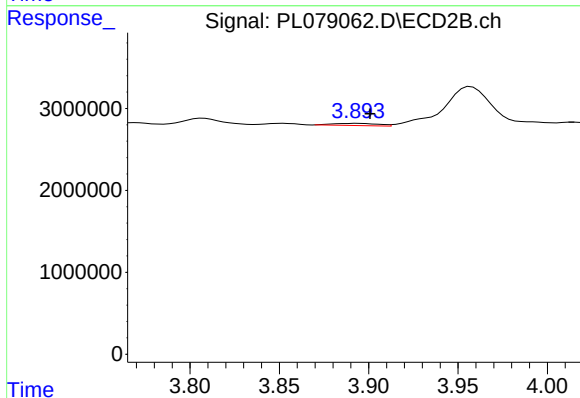
R.T.: 3.690 min  
Delta R.T.: 0.009 min  
Response: 10491723  
Conc: 7.31 ng/ml



#7 delta-BHC

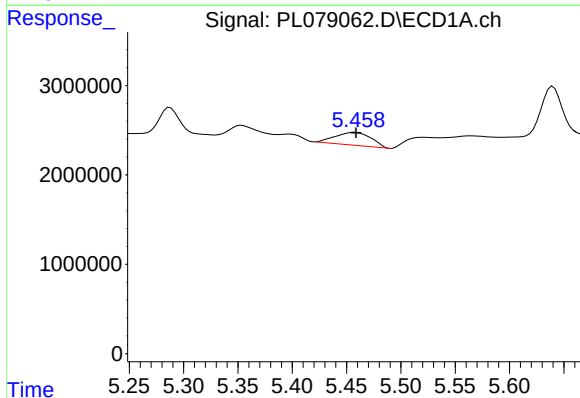
R.T.: 4.542 min  
Delta R.T.: -0.029 min  
Response: 1770680  
Conc: 0.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



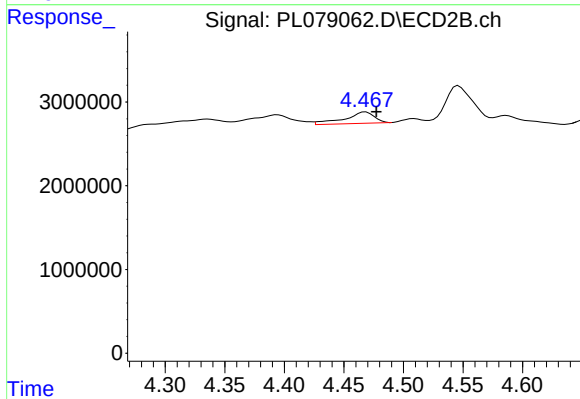
#7 delta-BHC

R.T.: 3.894 min  
Delta R.T.: -0.007 min  
Response: 466497  
Conc: 0.13 ng/ml



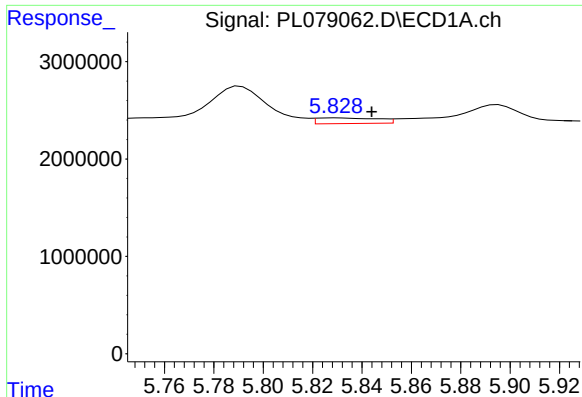
#8 Heptachlor epoxide

R.T.: 5.458 min  
Delta R.T.: -0.001 min  
Response: 3292990  
Conc: 1.55 ng/ml



#8 Heptachlor epoxide

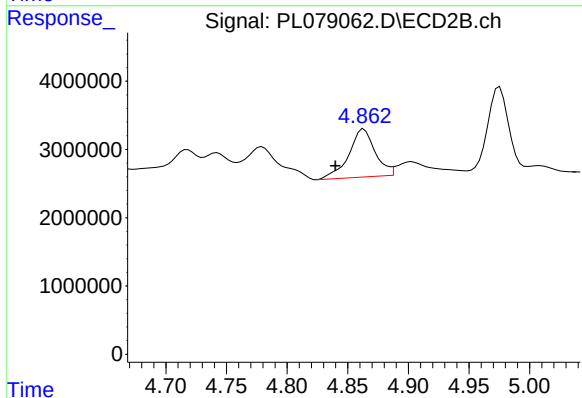
R.T.: 4.468 min  
Delta R.T.: -0.009 min  
Response: 2352933  
Conc: 0.78 ng/ml



#9 Endosulfan I

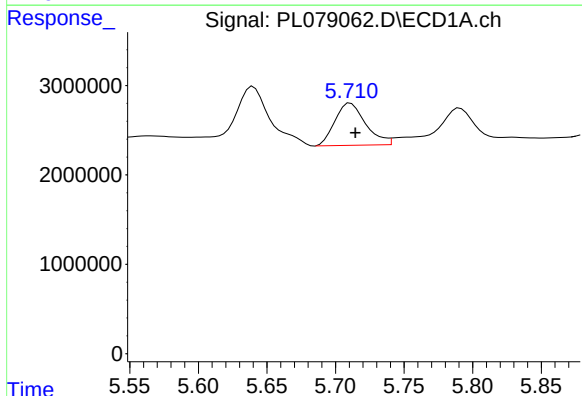
R.T.: 5.830 min  
Delta R.T.: -0.014 min  
Response: 992861  
Conc: 0.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



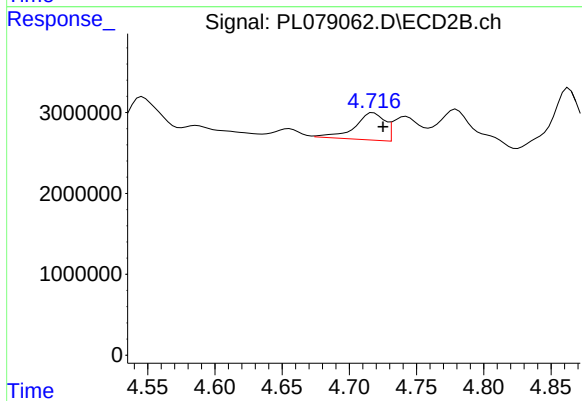
#9 Endosulfan I

R.T.: 4.863 min  
Delta R.T.: 0.024 min  
Response: 10631886  
Conc: 3.71 ng/ml



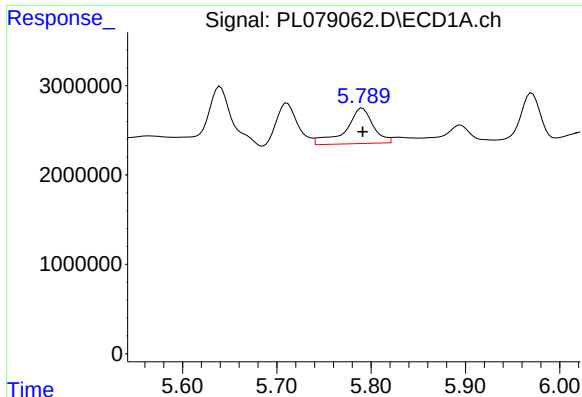
#10 gamma-Chlordane

R.T.: 5.711 min  
Delta R.T.: -0.004 min  
Response: 7342565  
Conc: 3.25 ng/ml



#10 gamma-Chlordane

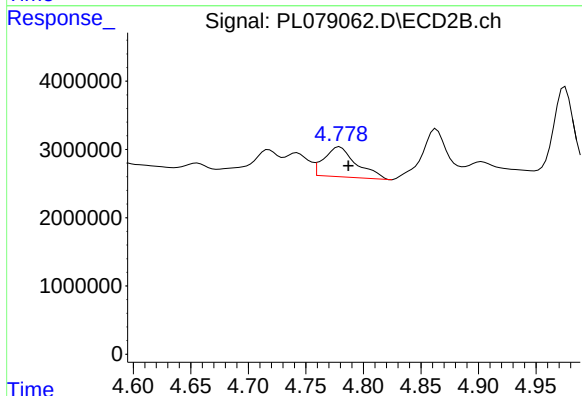
R.T.: 4.718 min  
Delta R.T.: -0.007 min  
Response: 5273931  
Conc: 1.72 ng/ml



#11 alpha-Chlordane

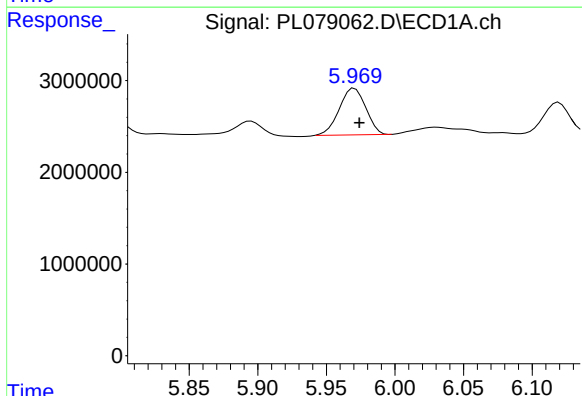
R.T.: 5.791 min  
Delta R.T.: 0.000 min  
Response: 8026562  
Conc: 3.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



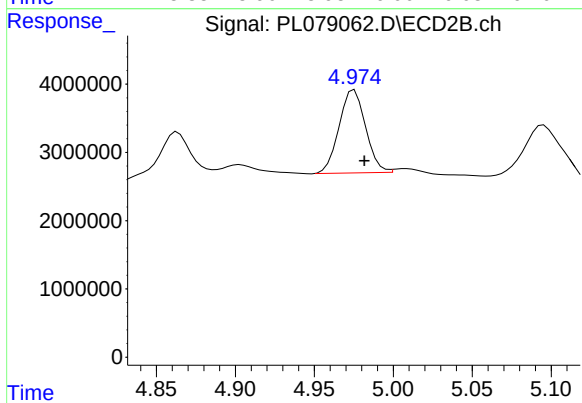
#11 alpha-Chlordane

R.T.: 4.780 min  
Delta R.T.: -0.007 min  
Response: 8575516  
Conc: 2.88 ng/ml



#12 4,4'-DDE

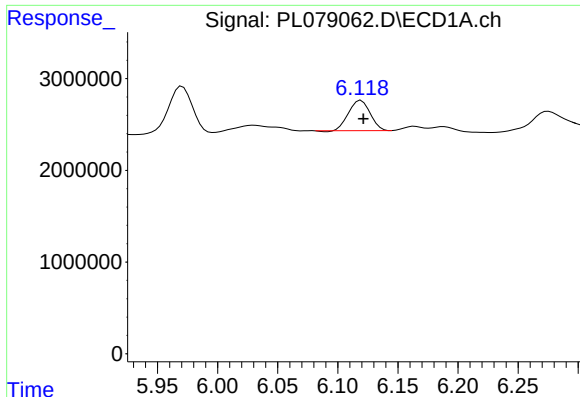
R.T.: 5.971 min  
Delta R.T.: -0.003 min  
Response: 6861022  
Conc: 3.43 ng/ml



#12 4,4'-DDE

R.T.: 4.975 min  
Delta R.T.: -0.006 min  
Response: 14253253  
Conc: 5.24 ng/ml

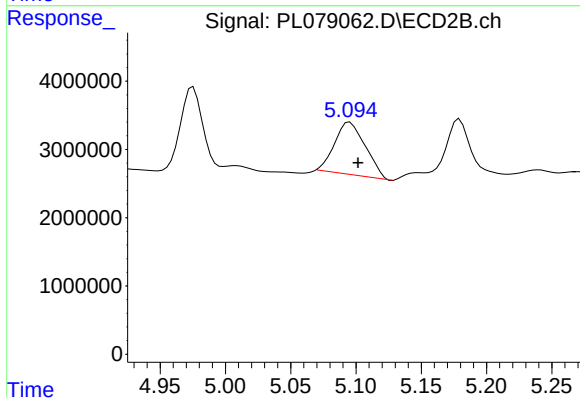




#13 Dieldrin

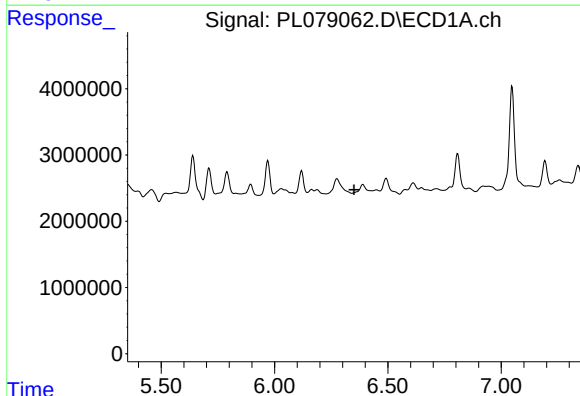
R.T.: 6.120 min  
Delta R.T.: -0.002 min  
Response: 4115164  
Conc: 1.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



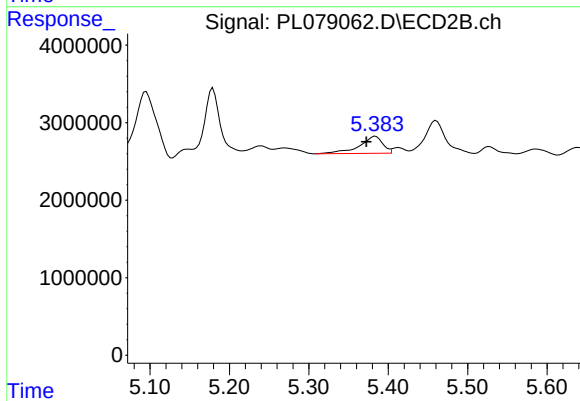
#13 Dieldrin

R.T.: 5.095 min  
Delta R.T.: -0.006 min  
Response: 12558462  
Conc: 4.24 ng/ml



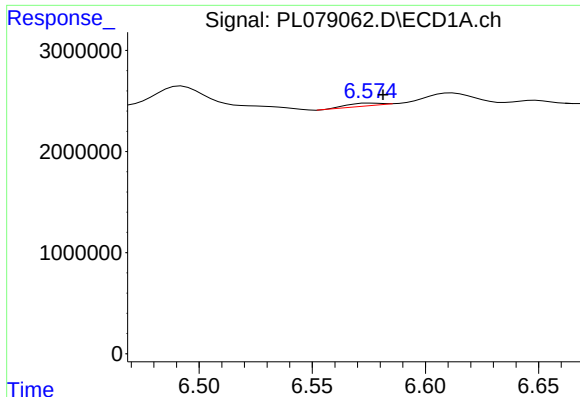
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.351 min  
Response: 0  
Conc: N.D.



#14 Endrin

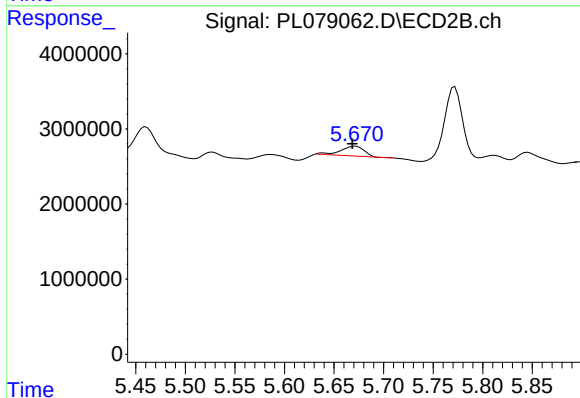
R.T.: 5.384 min  
Delta R.T.: 0.011 min  
Response: 4438608  
Conc: 1.70 ng/ml



#15 Endosulfan II

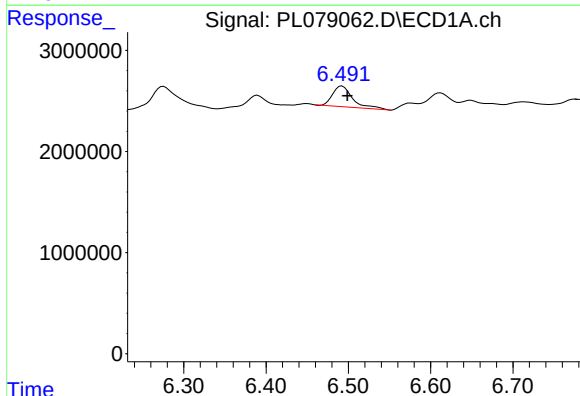
R.T.: 6.576 min  
Delta R.T.: -0.005 min  
Response: 262408  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



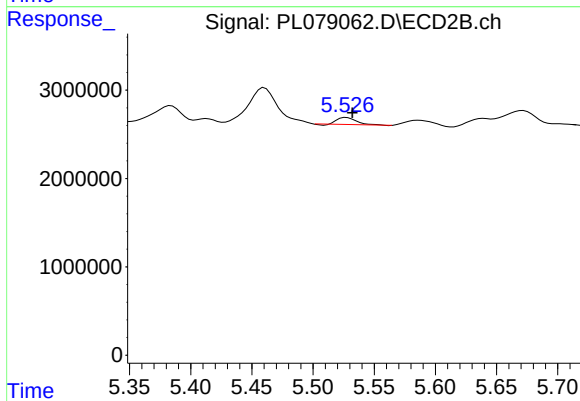
#15 Endosulfan II

R.T.: 5.672 min  
Delta R.T.: 0.003 min  
Response: 2047019  
Conc: 0.90 ng/ml



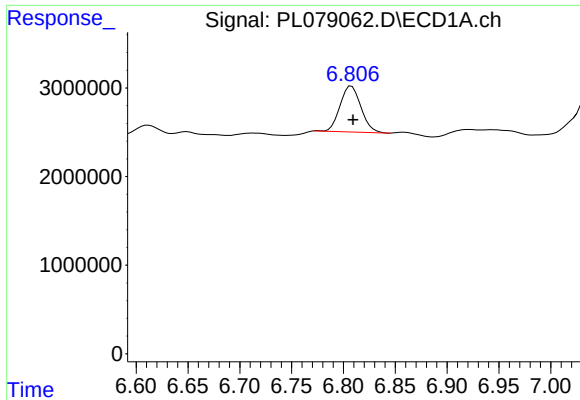
#16 4,4'-DDD

R.T.: 6.492 min  
Delta R.T.: -0.007 min  
Response: 3515817  
Conc: 2.11 ng/ml



#16 4,4'-DDD

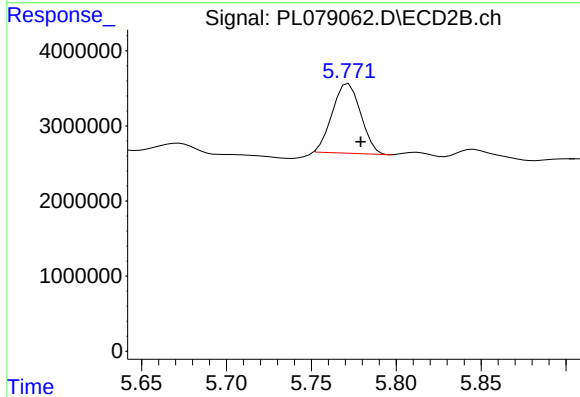
R.T.: 5.527 min  
Delta R.T.: -0.005 min  
Response: 821511  
Conc: 0.37 ng/ml



#17 4,4'-DDT

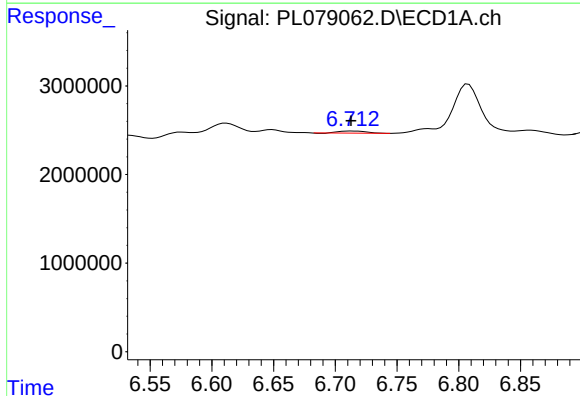
R.T.: 6.808 min  
Delta R.T.: -0.002 min  
Response: 7282131  
Conc: 4.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



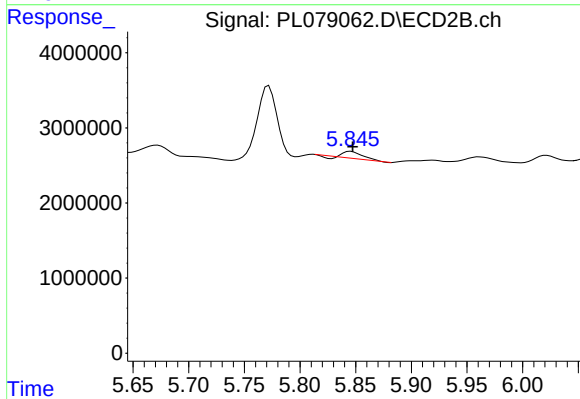
#17 4,4'-DDT

R.T.: 5.772 min  
Delta R.T.: -0.007 min  
Response: 10774119  
Conc: 4.97 ng/ml



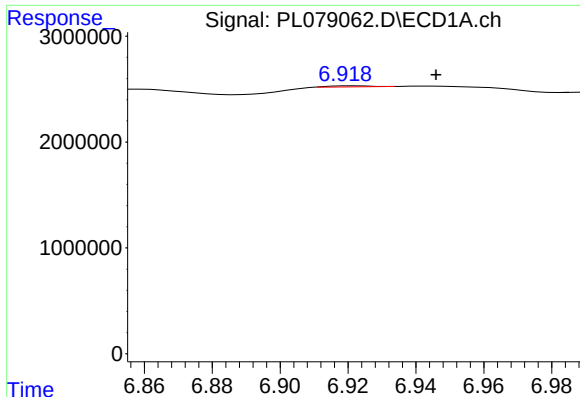
#18 Endrin aldehyde

R.T.: 6.713 min  
Delta R.T.: 0.000 min  
Response: 358372  
Conc: 0.25 ng/ml



#18 Endrin aldehyde

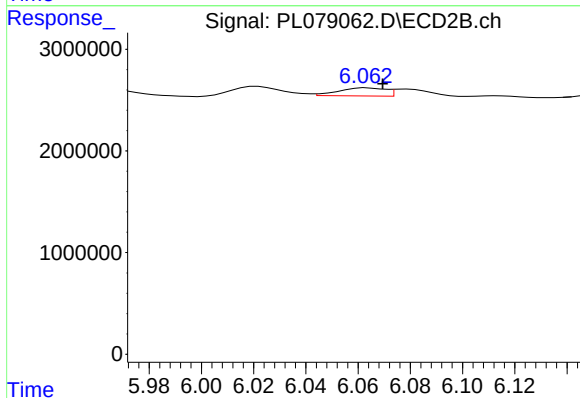
R.T.: 5.846 min  
Delta R.T.: -0.002 min  
Response: 966877  
Conc: 0.52 ng/ml



#19 Endosulfan Sulfate

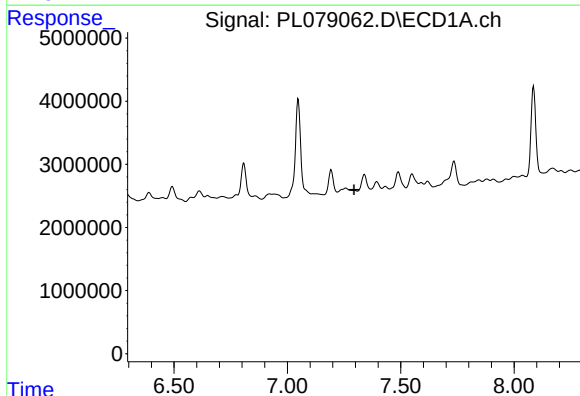
R.T.: 6.921 min  
Delta R.T.: -0.025 min  
Response: 83611  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



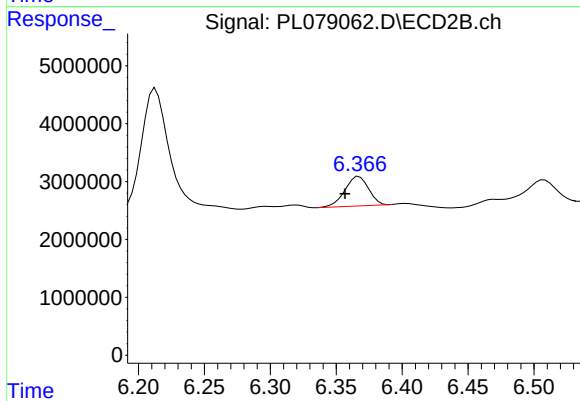
#19 Endosulfan Sulfate

R.T.: 6.064 min  
Delta R.T.: -0.006 min  
Response: 988752  
Conc: 0.42 ng/ml



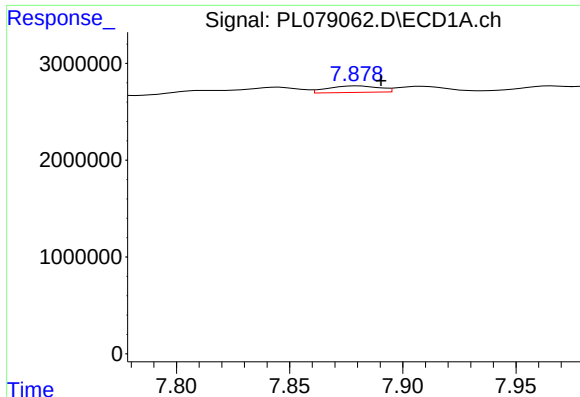
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.294 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

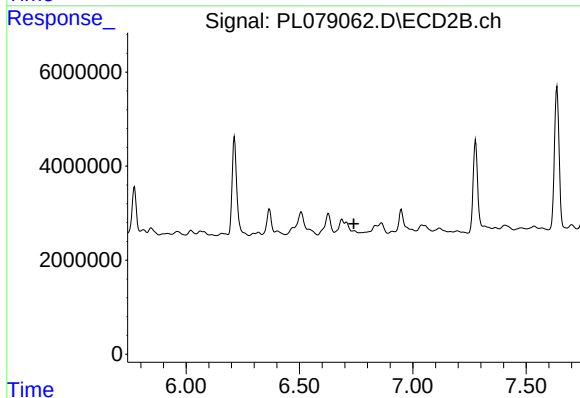
R.T.: 6.367 min  
Delta R.T.: 0.011 min  
Response: 6443160  
Conc: 5.68 ng/ml



#22 Mirex

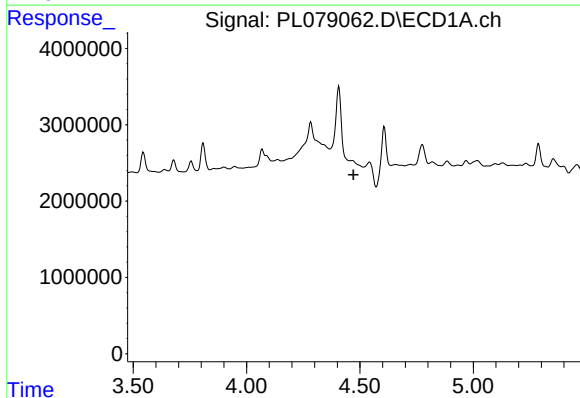
R.T.: 7.880 min  
Delta R.T.: -0.010 min  
Response: 1074408  
Conc: 0.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



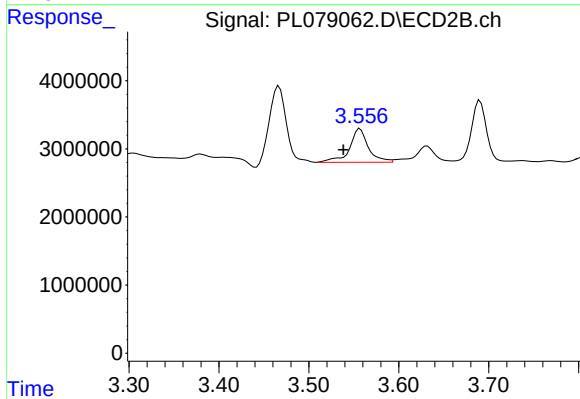
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 6.739 min  
Response: 0  
Conc: N.D.



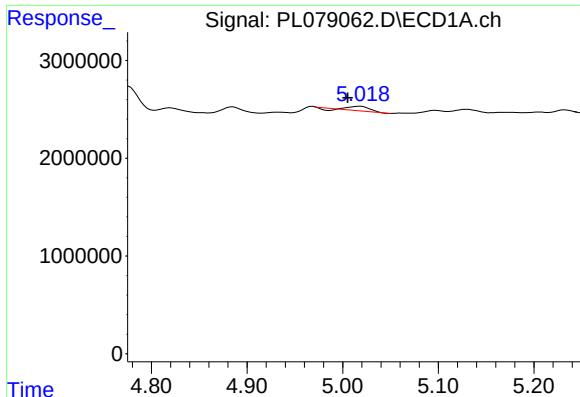
#23 Chlordane-1

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



#23 Chlordane-1

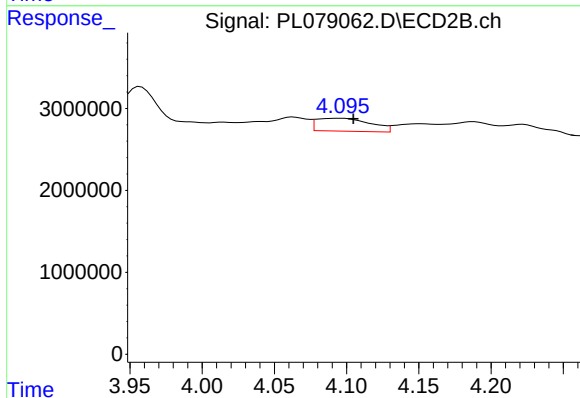
R.T.: 3.557 min  
Delta R.T.: 0.019 min  
Response: 7180733  
Conc: 71.20 ng/ml



#24 Chlordane-2

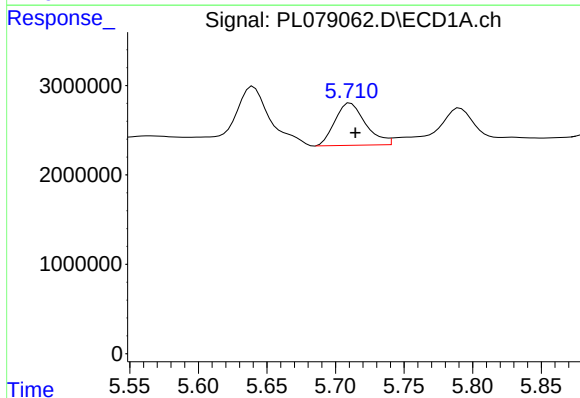
R.T.: 5.018 min  
Delta R.T.: 0.013 min  
Response: 622998  
Conc: 7.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



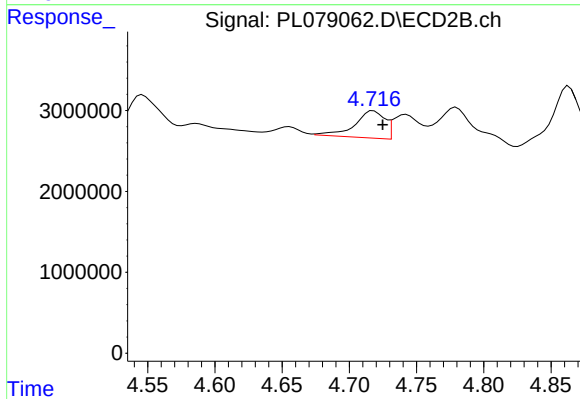
#24 Chlordane-2

R.T.: 4.097 min  
Delta R.T.: -0.008 min  
Response: 4061401  
Conc: 38.16 ng/ml



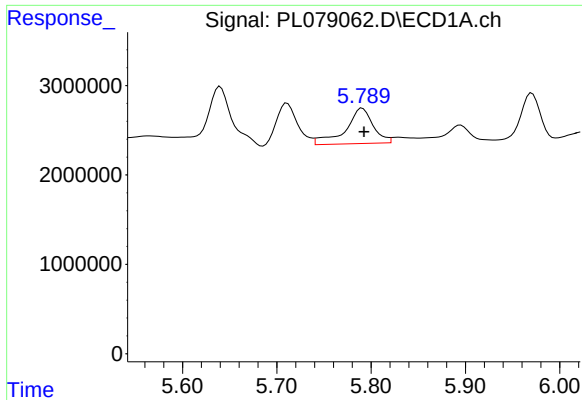
#25 Chlordane-3

R.T.: 5.711 min  
Delta R.T.: -0.004 min  
Response: 7342565  
Conc: 21.98 ng/ml



#25 Chlordane-3

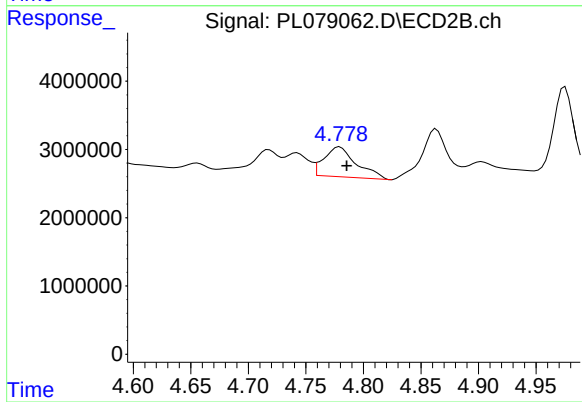
R.T.: 4.718 min  
Delta R.T.: -0.007 min  
Response: 5273931  
Conc: 17.30 ng/ml



#26 Chlordane-4

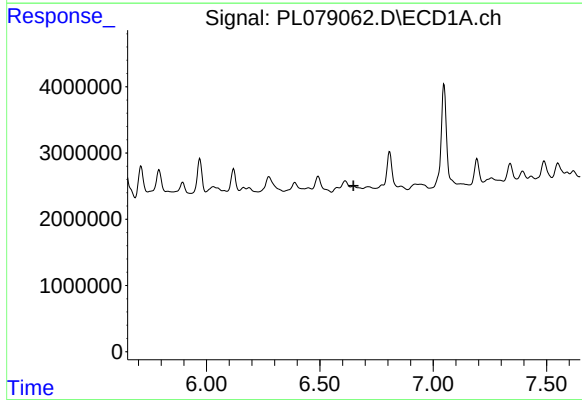
R.T.: 5.791 min  
Delta R.T.: -0.002 min  
Response: 8026562  
Conc: 19.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



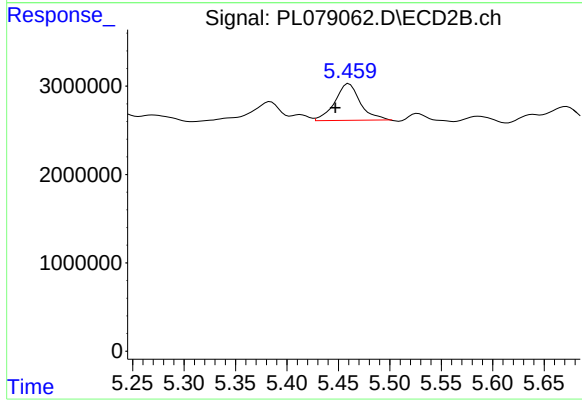
#26 Chlordane-4

R.T.: 4.780 min  
Delta R.T.: -0.006 min  
Response: 8575516  
Conc: 26.24 ng/ml



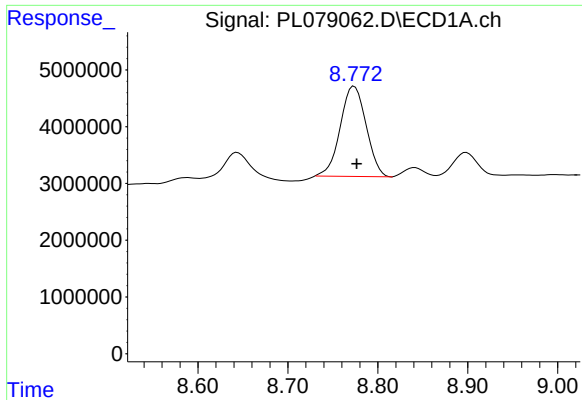
#27 Chlordane-5

R.T.: 6.649 min  
Delta R.T.: 0.000 min  
Response: -973778  
Conc: N.D.



#27 Chlordane-5

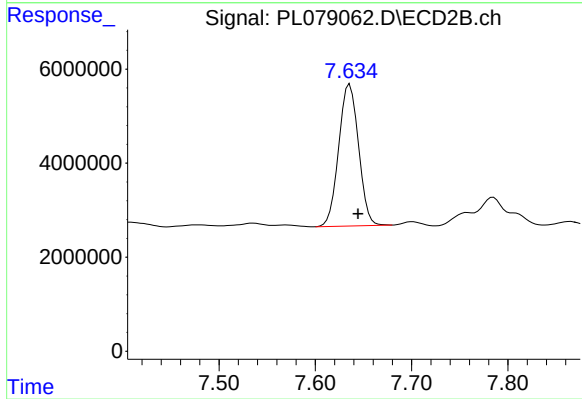
R.T.: 5.460 min  
Delta R.T.: 0.013 min  
Response: 7120457  
Conc: 87.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.774 min  
Delta R.T.: -0.003 min  
Response: 31705774  
Conc: 21.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.636 min  
Delta R.T.: -0.008 min  
Response: 43095542  
Conc: 22.75 ng/ml