

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111122\  
 Data File : PL079020.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Nov 2022 13:36  
 Operator : AR\AJ  
 Sample : N5495-04  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 11 14:23:37 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... | 3.322  | 2.568  | 36348543 | 45638919 | 19.060 | 17.875   |
| 28)                         | SA Decachlor... | 8.771  | 7.635  | 25099704 | 34288778 | 16.685 | 18.103   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.775  | 0.000  | 292803   | 0        | 0.102  | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.093f | 3.381  | 307452   | 390706   | 0.115  | 0.109    |
| 4)                          | MA Heptachlor   | 4.686  | 3.690f | 148818   | 83111597 | 0.057  | 23.967 # |
| 5)                          | MB Aldrin       | 5.002f | 4.004f | 2217433  | 2407537  | 0.895  | 0.688    |
| 6)                          | B beta-BHC      | 0.000  | 3.690  | 0        | 83111597 | N.D.   | 57.924 # |
| 7)                          | B delta-BHC     | 4.544f | 3.888  | 2218096  | 591240   | 0.974  | 0.162 #  |
| 8)                          | B Heptachlo...  | 5.461  | 4.469  | 9811393  | 3036368  | 4.621  | 1.008 #  |
| 9)                          | A Endosulfan I  | 0.000  | 4.860f | 0        | 798161   | N.D.   | 0.279 #  |
| 10)                         | B gamma-Chl...  | 5.712  | 4.718  | 14370805 | 14370800 | 6.367  | 4.690 #  |
| 11)                         | B alpha-Chl...  | 5.790  | 4.778  | 20512601 | 19780467 | 8.865  | 6.637 #  |
| 12)                         | B 4,4'-DDE      | 5.971  | 4.974  | 7383962  | 11134162 | 3.689  | 4.090    |
| 13)                         | MA Dieldrin     | 6.118  | 5.095  | 3223879  | 8799420  | 1.495  | 2.970 #  |
| 14)                         | MA Endrin       | 0.000  | 5.390f | 0        | 22957551 | N.D.   | 8.812 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.662  | 0        | 2230900  | N.D.   | 0.980 #  |
| 16)                         | A 4,4'-DDD      | 6.496  | 5.525  | 5022150  | 6619720  | 3.013  | 3.014    |
| 17)                         | MA 4,4'-DDT     | 6.806  | 5.771  | 6894073  | 10330304 | 3.846  | 4.762    |
| 18)                         | B Endrin al...  | 0.000  | 5.846  | 0        | 9939618  | N.D.   | 5.296 #  |
| 19)                         | B Endosulfa...  | 6.964f | 6.061  | 5768515  | 1230543  | 3.135  | 0.517 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.367  | 0        | 1092220  | N.D.   | 0.962 #  |
| 22)                         | Mirex           | 7.881  | 6.744  | 649985   | 127286   | 0.445  | 0.065 #  |
| 23)                         | Chlordane-1     | 4.469  | 3.532  | 1118392  | 2710168  | 14.274 | 26.872 # |
| 24)                         | Chlordane-2     | 5.002  | 4.100  | 2217433  | 6161825  | 26.799 | 57.898 # |
| 25)                         | Chlordane-3     | 5.712  | 4.718  | 14370805 | 14370800 | 43.021 | 47.151   |
| 26)                         | Chlordane-4     | 5.790  | 4.778  | 20512601 | 19780467 | 49.965 | 60.534   |
| 27)                         | Chlordane-5     | 6.646  | 5.440  | 132539   | 2838143  | 2.027  | 34.800 # |
| -----                       |                 |        |        |          |          |        |          |

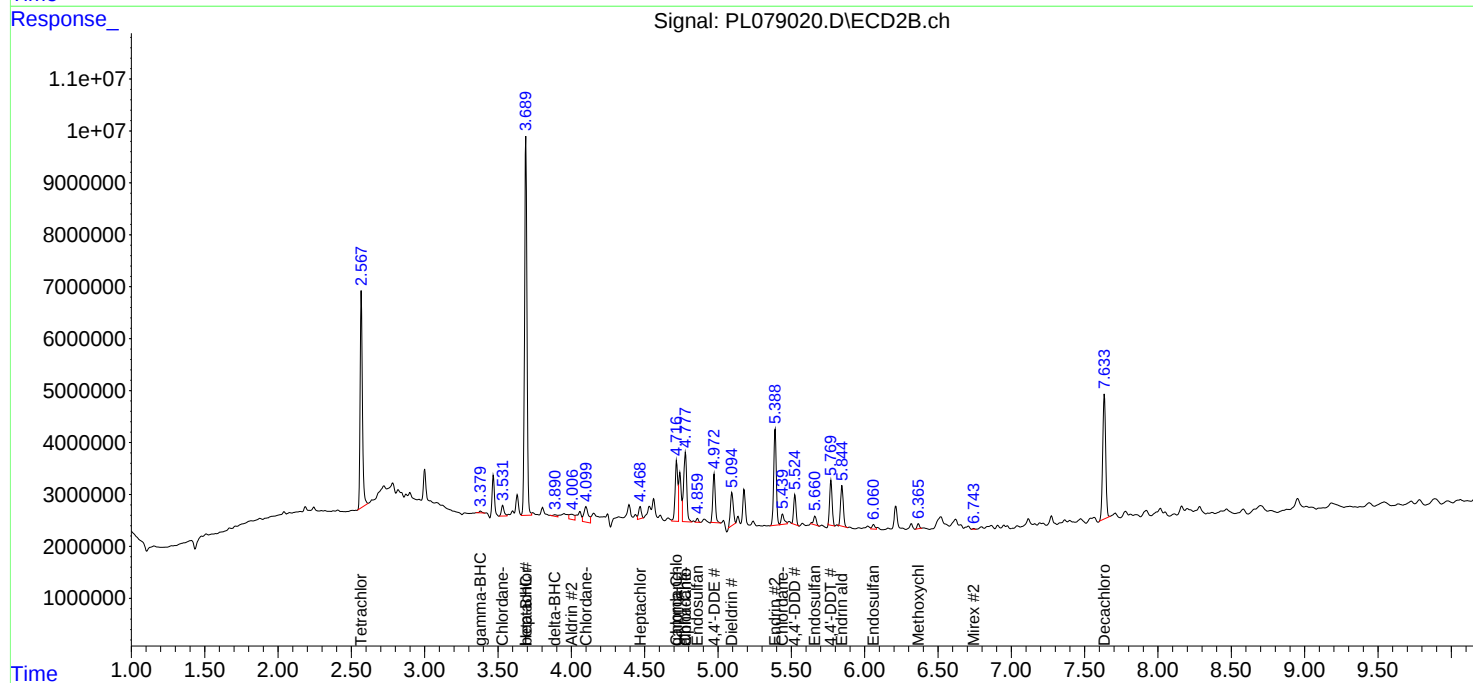
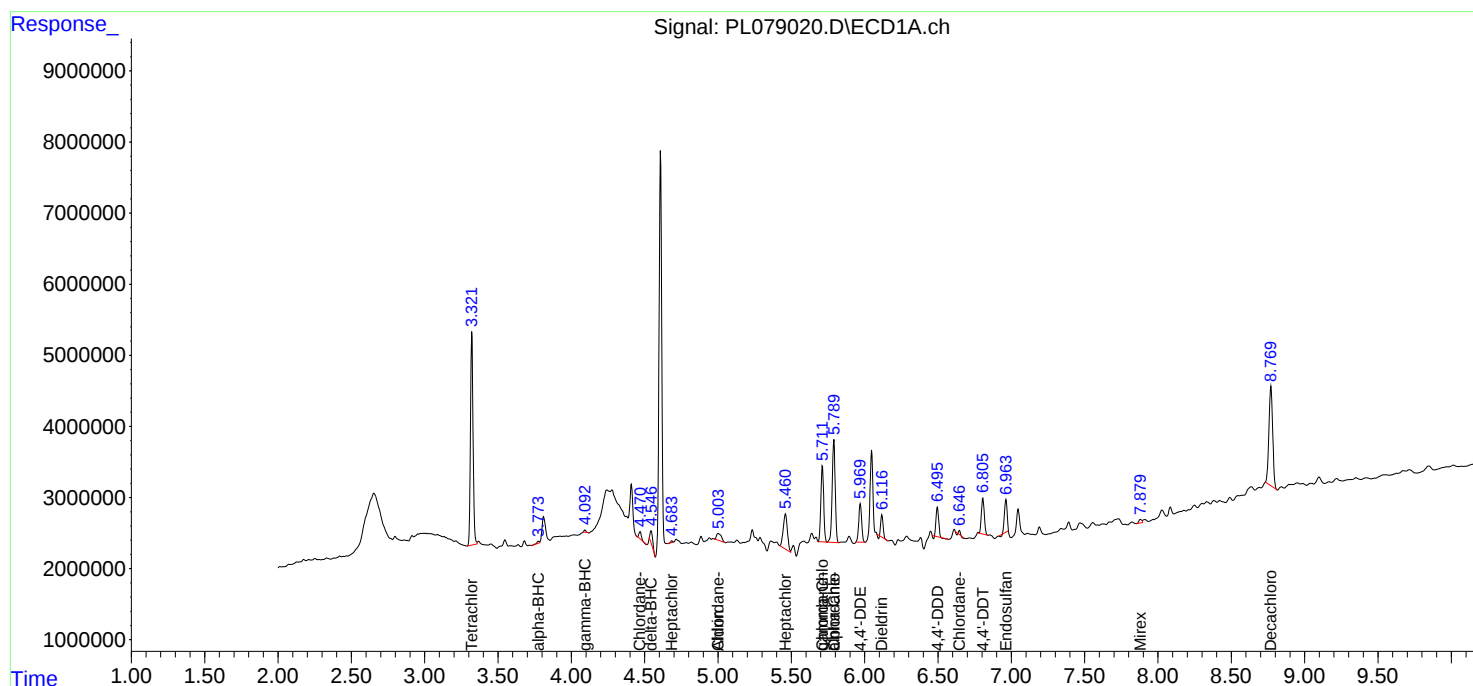
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

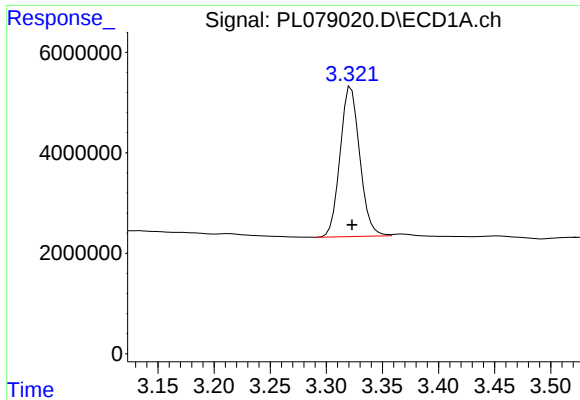
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111122\  
Data File : PL079020.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Nov 2022 13:36  
Operator : AR\AJ  
Sample : N5495-04  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 14:23:37 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

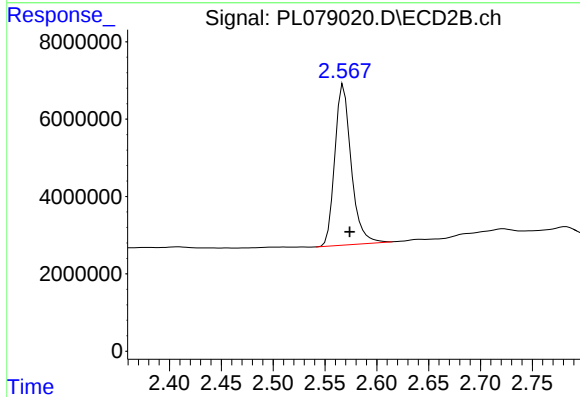




#1 Tetrachloro-m-xylene

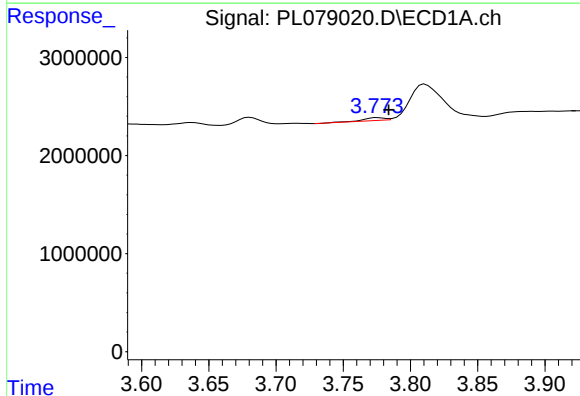
R.T.: 3.322 min  
Delta R.T.: 0.000 min  
Response: 36348543  
Conc: 19.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



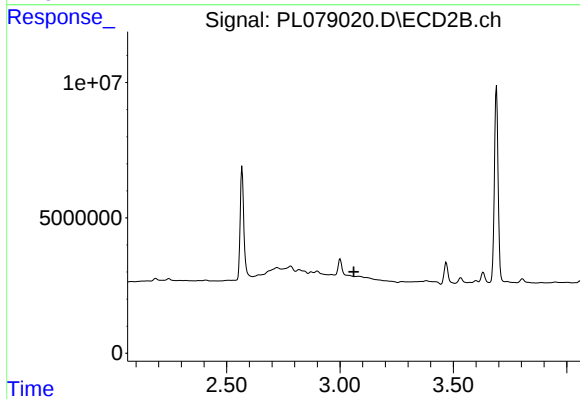
#1 Tetrachloro-m-xylene

R.T.: 2.568 min  
Delta R.T.: -0.006 min  
Response: 45638919  
Conc: 17.88 ng/ml



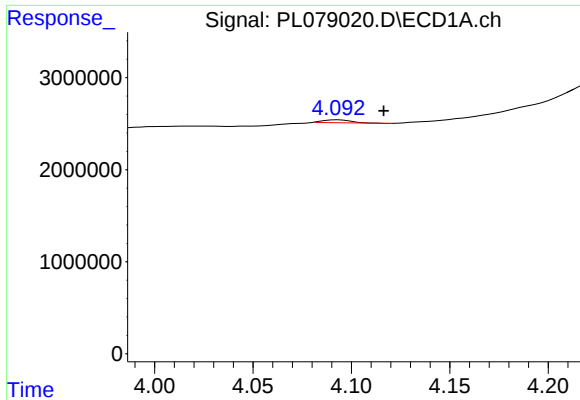
#2 alpha-BHC

R.T.: 3.775 min  
Delta R.T.: -0.008 min  
Response: 292803  
Conc: 0.10 ng/ml



#2 alpha-BHC

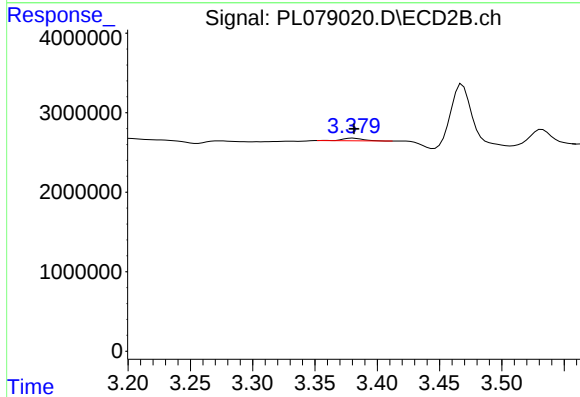
R.T.: 0.000 min  
Exp R.T. : 3.061 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

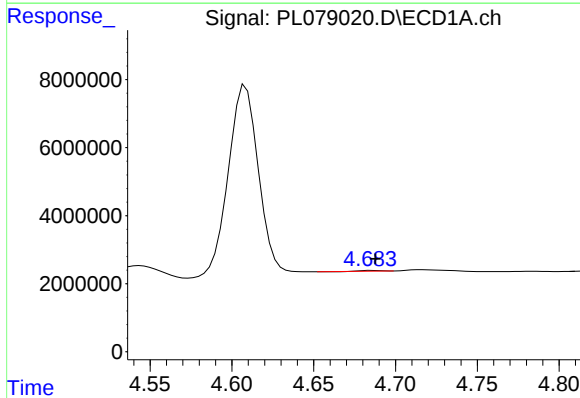
R.T.: 4.093 min  
Delta R.T.: -0.023 min  
Response: 307452  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



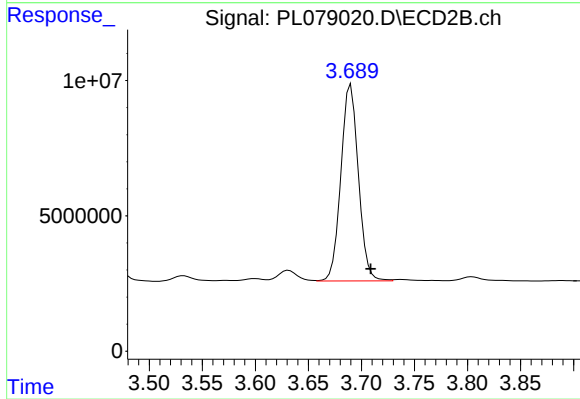
#3 gamma-BHC (Lindane)

R.T.: 3.381 min  
Delta R.T.: -0.001 min  
Response: 390706  
Conc: 0.11 ng/ml



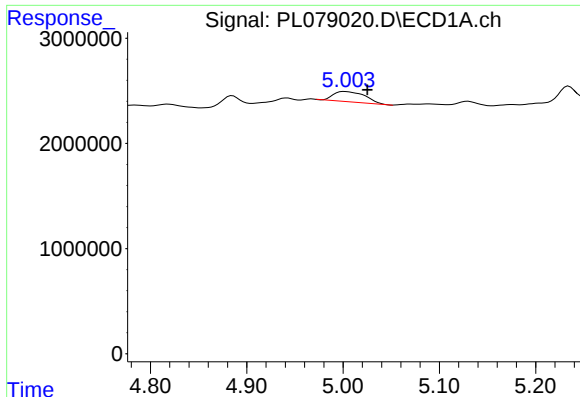
#4 Heptachlor

R.T.: 4.686 min  
Delta R.T.: -0.002 min  
Response: 148818  
Conc: 0.06 ng/ml



#4 Heptachlor

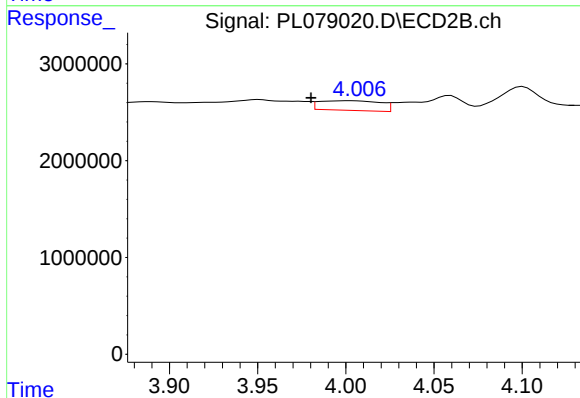
R.T.: 3.690 min  
Delta R.T.: -0.019 min  
Response: 83111597  
Conc: 23.97 ng/ml



#5 Aldrin

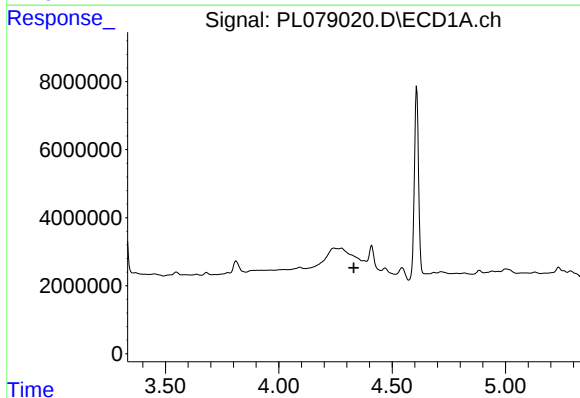
R.T.: 5.002 min  
Delta R.T.: -0.023 min  
Response: 2217433  
Conc: 0.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



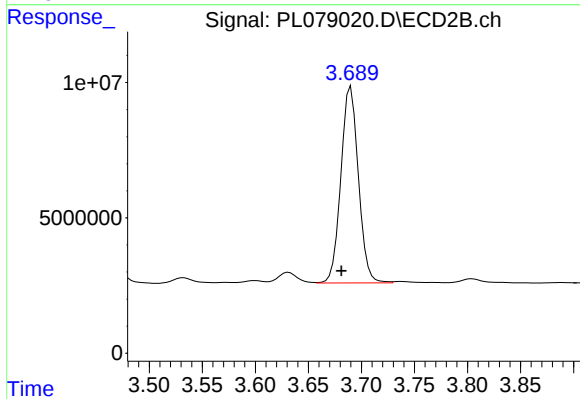
#5 Aldrin

R.T.: 4.004 min  
Delta R.T.: 0.024 min  
Response: 2407537  
Conc: 0.69 ng/ml



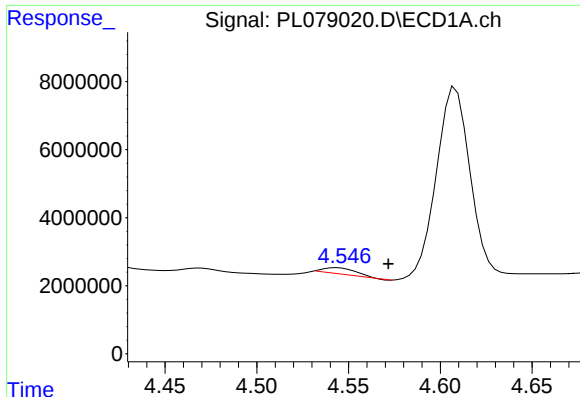
#6 beta-BHC

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



#6 beta-BHC

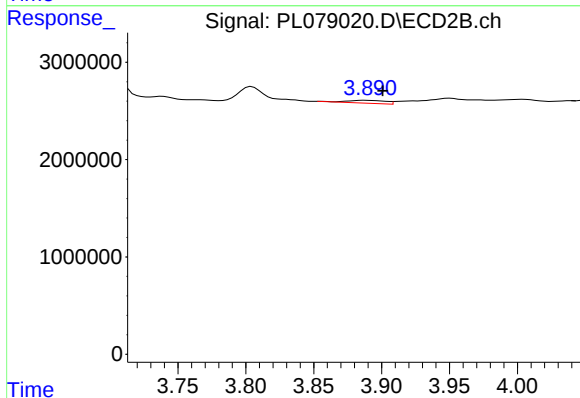
R.T.: 3.690 min  
Delta R.T.: 0.009 min  
Response: 83111597  
Conc: 57.92 ng/ml



#7 delta-BHC

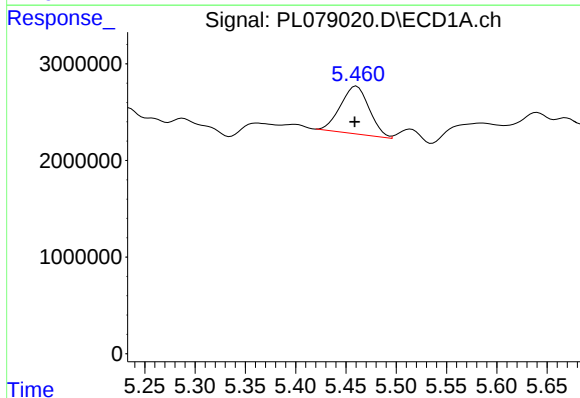
R.T.: 4.544 min  
Delta R.T.: -0.028 min  
Response: 2218096  
Conc: 0.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



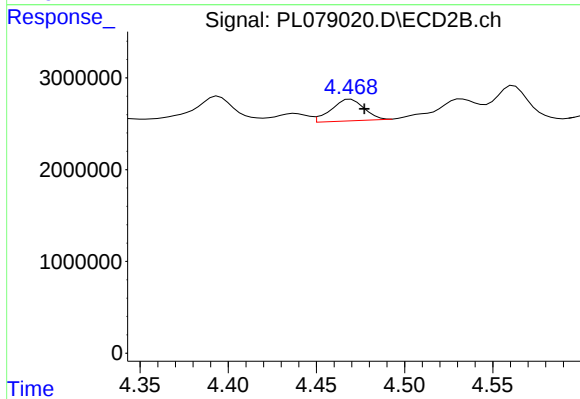
#7 delta-BHC

R.T.: 3.888 min  
Delta R.T.: -0.012 min  
Response: 591240  
Conc: 0.16 ng/ml



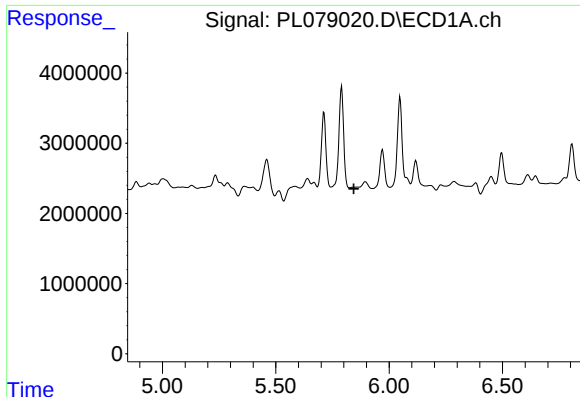
#8 Heptachlor epoxide

R.T.: 5.461 min  
Delta R.T.: 0.002 min  
Response: 9811393  
Conc: 4.62 ng/ml



#8 Heptachlor epoxide

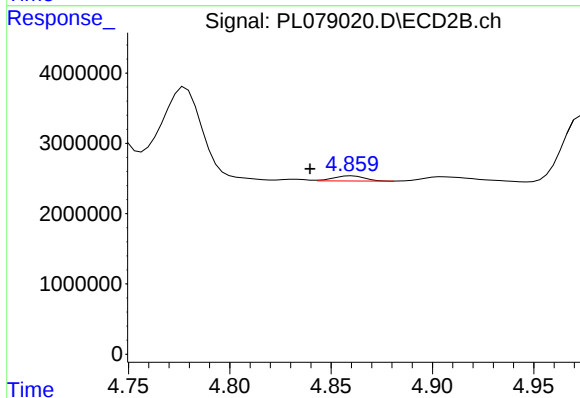
R.T.: 4.469 min  
Delta R.T.: -0.008 min  
Response: 3036368  
Conc: 1.01 ng/ml



#9 Endosulfan I

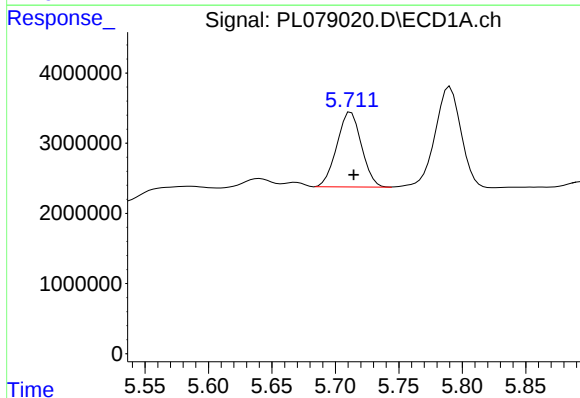
R.T.: 0.000 min  
Exp R.T.: 5.844 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



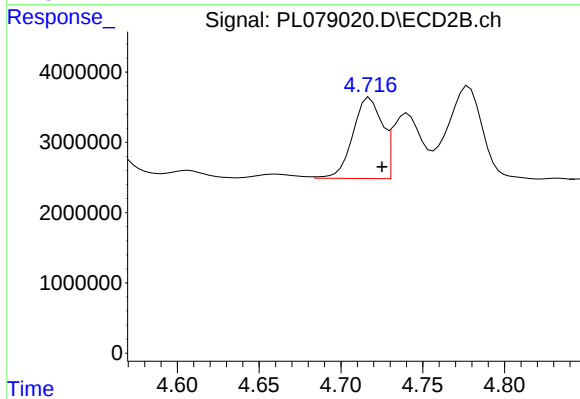
#9 Endosulfan I

R.T.: 4.860 min  
Delta R.T.: 0.021 min  
Response: 798161  
Conc: 0.28 ng/ml



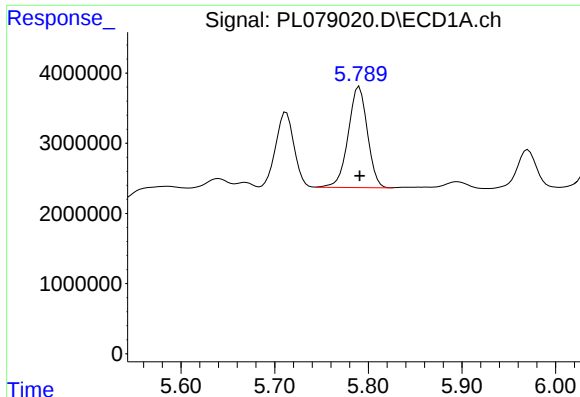
#10 gamma-Chlordane

R.T.: 5.712 min  
Delta R.T.: -0.002 min  
Response: 14370805  
Conc: 6.37 ng/ml



#10 gamma-Chlordane

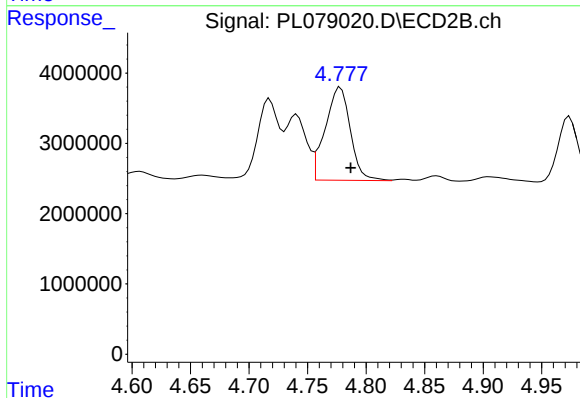
R.T.: 4.718 min  
Delta R.T.: -0.007 min  
Response: 14370800  
Conc: 4.69 ng/ml



#11 alpha-Chlordane

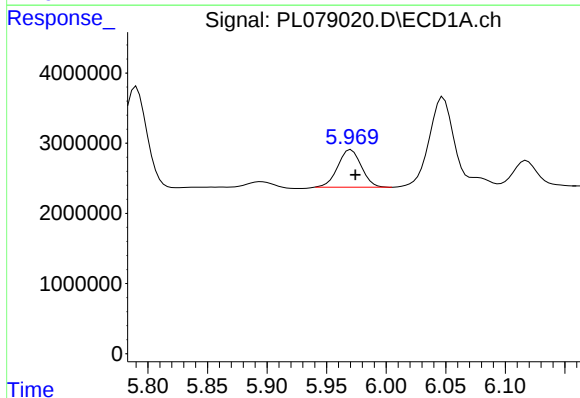
R.T.: 5.790 min  
Delta R.T.: 0.000 min  
Response: 20512601  
Conc: 8.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



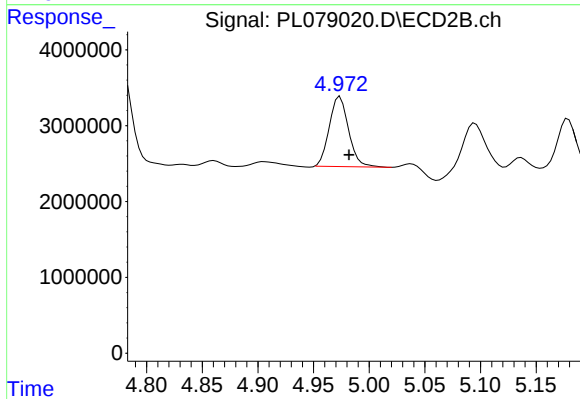
#11 alpha-Chlordane

R.T.: 4.778 min  
Delta R.T.: -0.009 min  
Response: 19780467  
Conc: 6.64 ng/ml



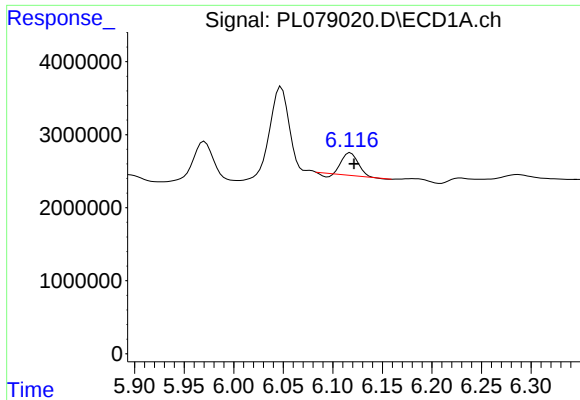
#12 4,4'-DDE

R.T.: 5.971 min  
Delta R.T.: -0.003 min  
Response: 7383962  
Conc: 3.69 ng/ml



#12 4,4'-DDE

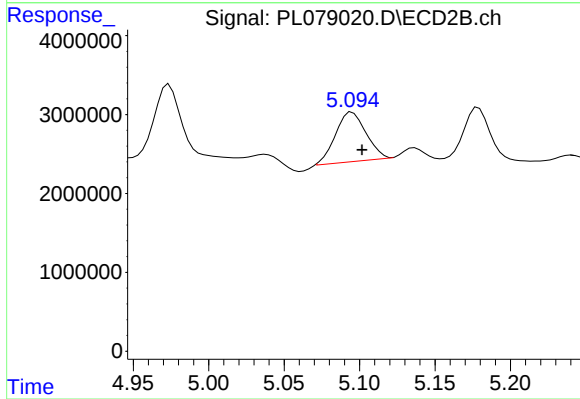
R.T.: 4.974 min  
Delta R.T.: -0.008 min  
Response: 11134162  
Conc: 4.09 ng/ml



#13 Dieldrin

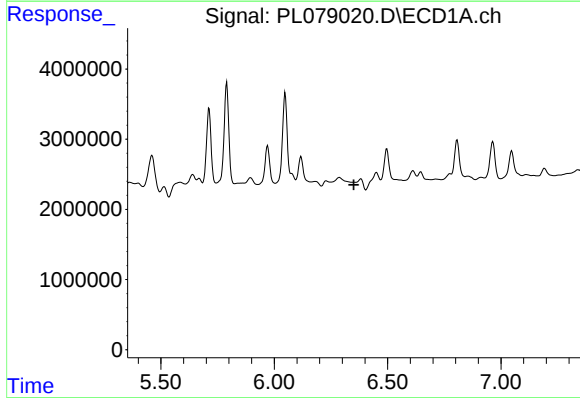
R.T.: 6.118 min  
Delta R.T.: -0.004 min  
Response: 3223879  
Conc: 1.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



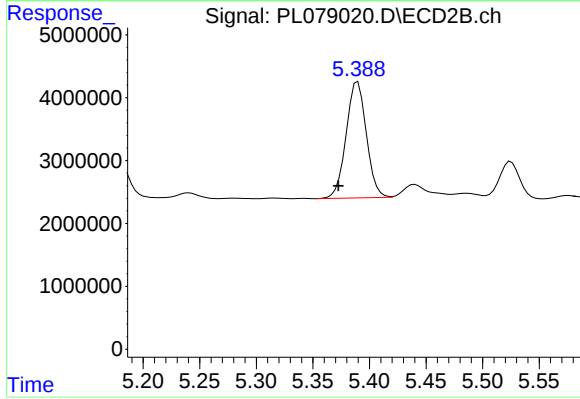
#13 Dieldrin

R.T.: 5.095 min  
Delta R.T.: -0.007 min  
Response: 8799420  
Conc: 2.97 ng/ml



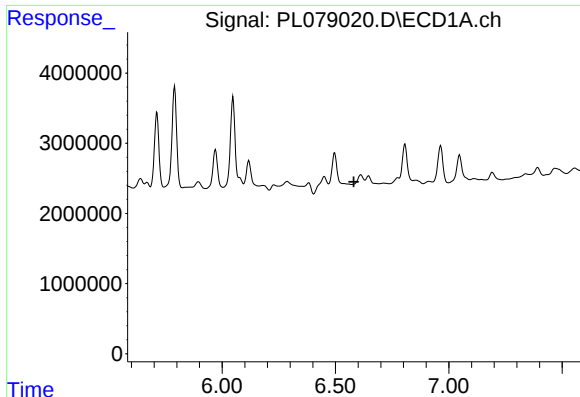
#14 Endrin

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



#14 Endrin

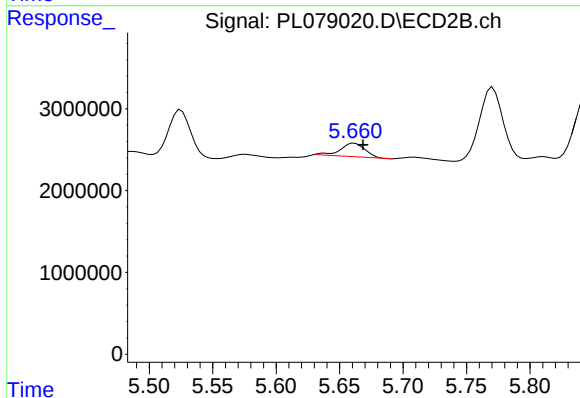
R.T.: 5.390 min  
Delta R.T.: 0.017 min  
Response: 22957551  
Conc: 8.81 ng/ml



#15 Endosulfan II

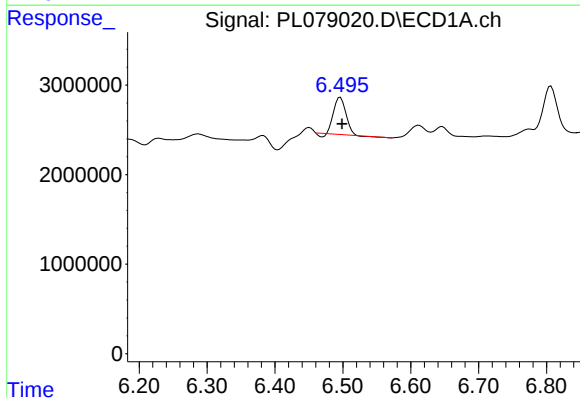
R.T.: 0.000 min  
Exp R.T.: 6.581 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



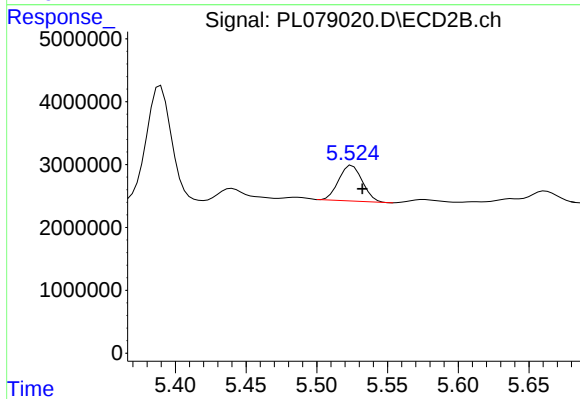
#15 Endosulfan II

R.T.: 5.662 min  
Delta R.T.: -0.007 min  
Response: 2230900  
Conc: 0.98 ng/ml



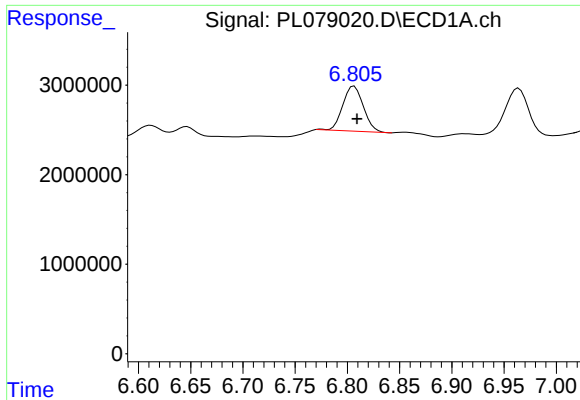
#16 4,4'-DDD

R.T.: 6.496 min  
Delta R.T.: -0.003 min  
Response: 5022150  
Conc: 3.01 ng/ml



#16 4,4'-DDD

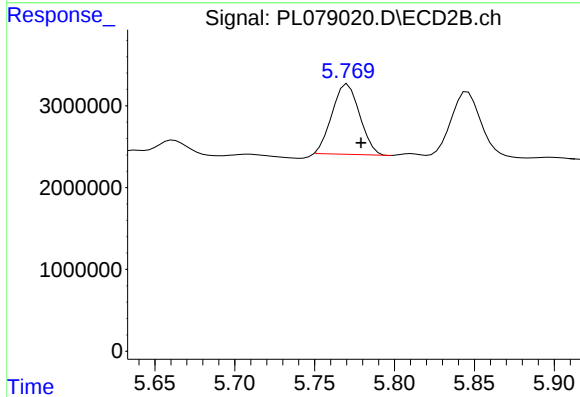
R.T.: 5.525 min  
Delta R.T.: -0.007 min  
Response: 6619720  
Conc: 3.01 ng/ml



#17 4,4'-DDT

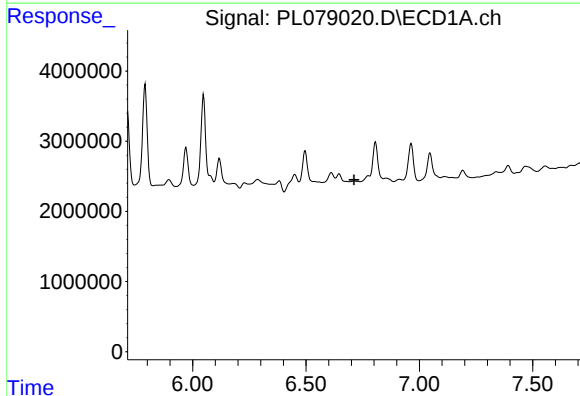
R.T.: 6.806 min  
Delta R.T.: -0.003 min  
Response: 6894073  
Conc: 3.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



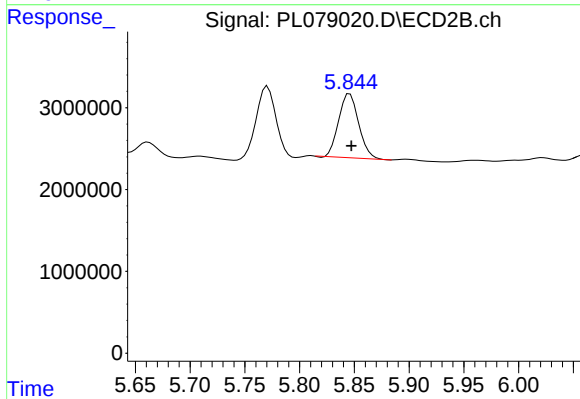
#17 4,4'-DDT

R.T.: 5.771 min  
Delta R.T.: -0.008 min  
Response: 10330304  
Conc: 4.76 ng/ml



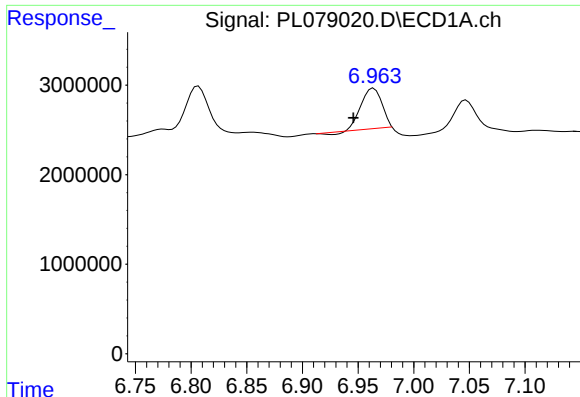
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.713 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

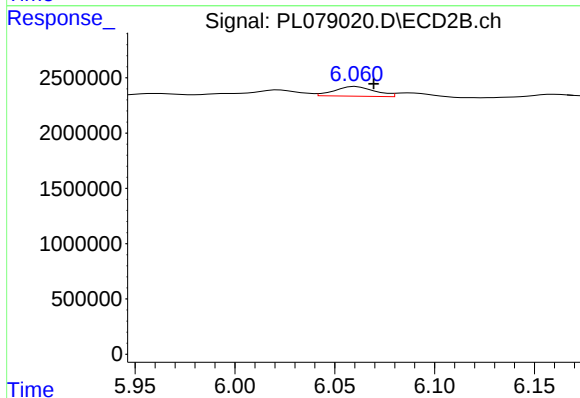
R.T.: 5.846 min  
Delta R.T.: -0.001 min  
Response: 9939618  
Conc: 5.30 ng/ml



#19 Endosulfan Sulfate

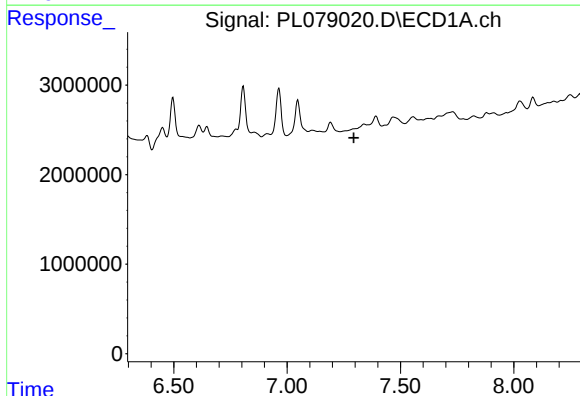
R.T.: 6.964 min  
Delta R.T.: 0.018 min  
Response: 5768515  
Conc: 3.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



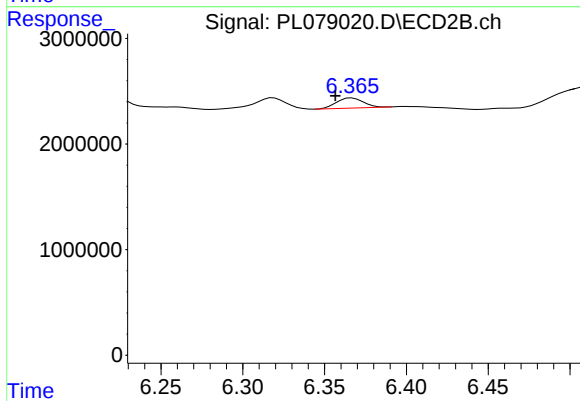
#19 Endosulfan Sulfate

R.T.: 6.061 min  
Delta R.T.: -0.009 min  
Response: 1230543  
Conc: 0.52 ng/ml



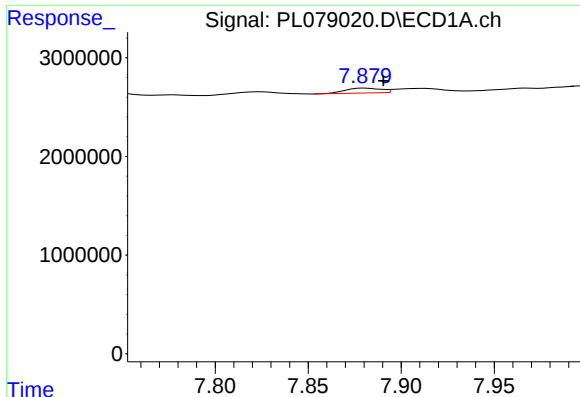
#20 Methoxychlor

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



#20 Methoxychlor

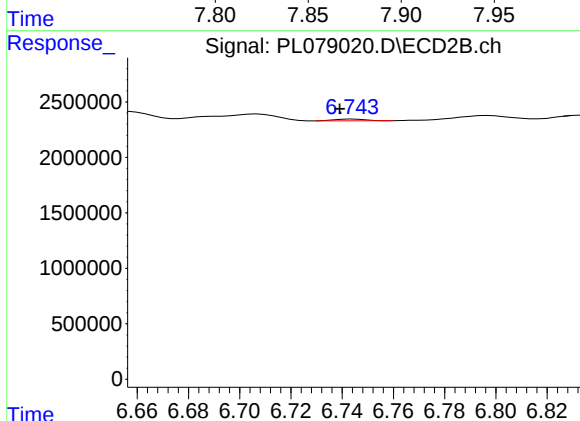
R.T.: 6.367 min  
Delta R.T.: 0.010 min  
Response: 1092220  
Conc: 0.96 ng/ml



#22 Mirex

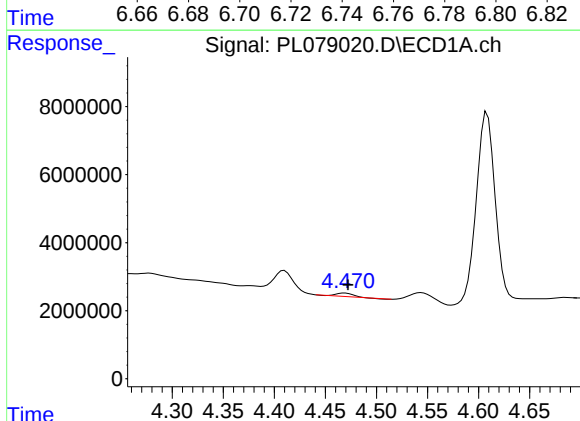
R.T.: 7.881 min  
Delta R.T.: -0.010 min  
Response: 649985  
Conc: 0.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



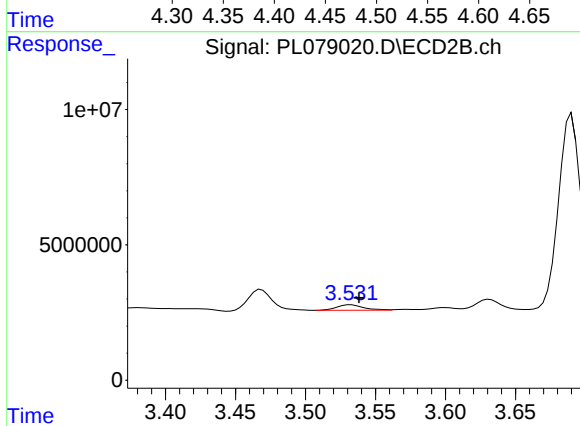
#22 Mirex

R.T.: 6.744 min  
Delta R.T.: 0.005 min  
Response: 127286  
Conc: 0.06 ng/ml



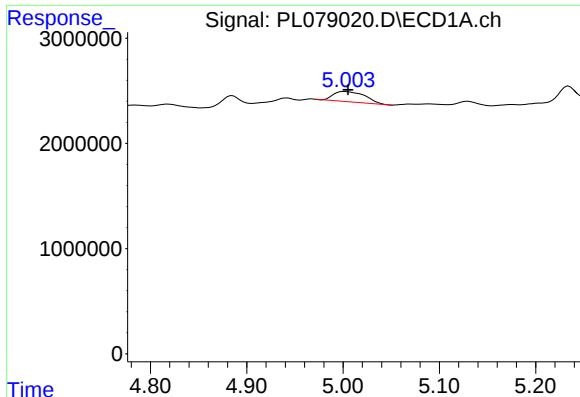
#23 Chlordane-1

R.T.: 4.469 min  
Delta R.T.: -0.003 min  
Response: 1118392  
Conc: 14.27 ng/ml



#23 Chlordane-1

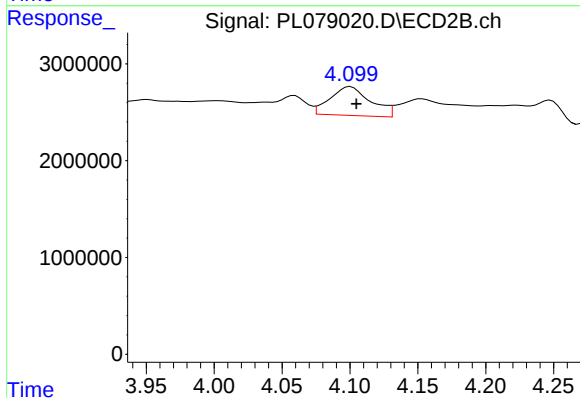
R.T.: 3.532 min  
Delta R.T.: -0.006 min  
Response: 2710168  
Conc: 26.87 ng/ml



#24 Chlordane-2

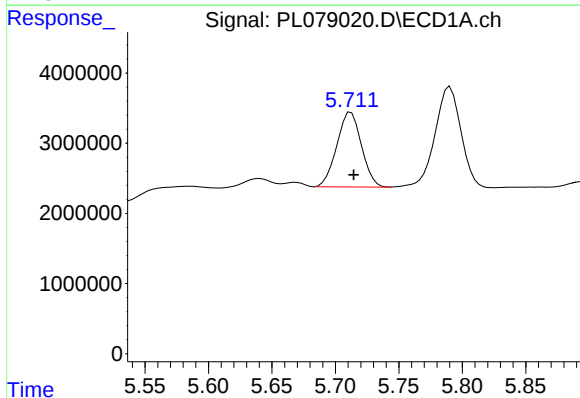
R.T.: 5.002 min  
Delta R.T.: -0.003 min  
Response: 2217433  
Conc: 26.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



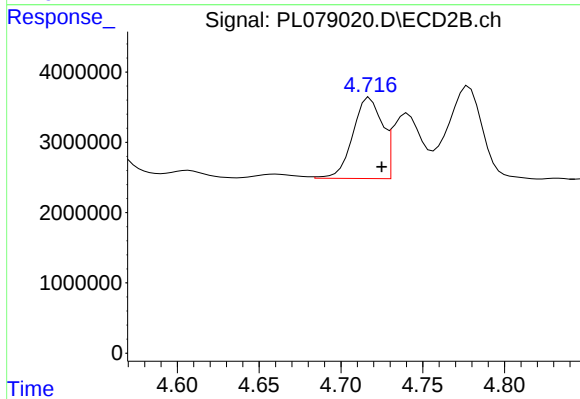
#24 Chlordane-2

R.T.: 4.100 min  
Delta R.T.: -0.004 min  
Response: 6161825  
Conc: 57.90 ng/ml



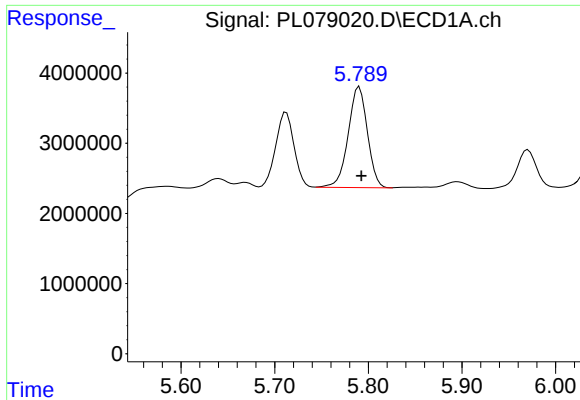
#25 Chlordane-3

R.T.: 5.712 min  
Delta R.T.: -0.002 min  
Response: 14370805  
Conc: 43.02 ng/ml



#25 Chlordane-3

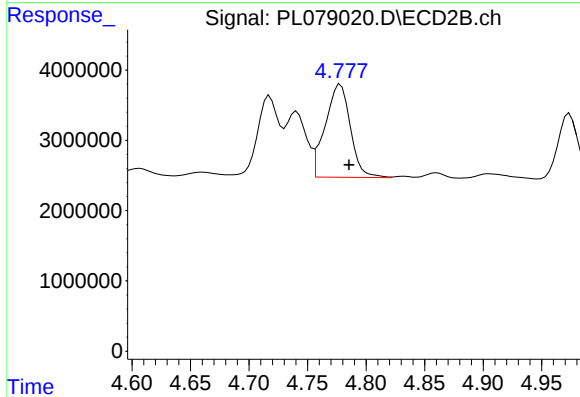
R.T.: 4.718 min  
Delta R.T.: -0.007 min  
Response: 14370800  
Conc: 47.15 ng/ml



#26 Chlordane-4

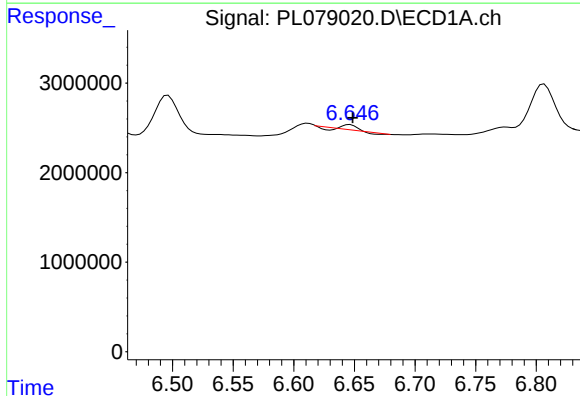
R.T.: 5.790 min  
Delta R.T.: -0.002 min  
Response: 20512601  
Conc: 49.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



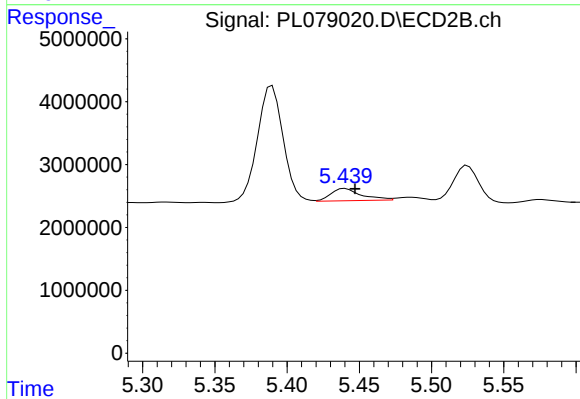
#26 Chlordane-4

R.T.: 4.778 min  
Delta R.T.: -0.007 min  
Response: 19780467  
Conc: 60.53 ng/ml



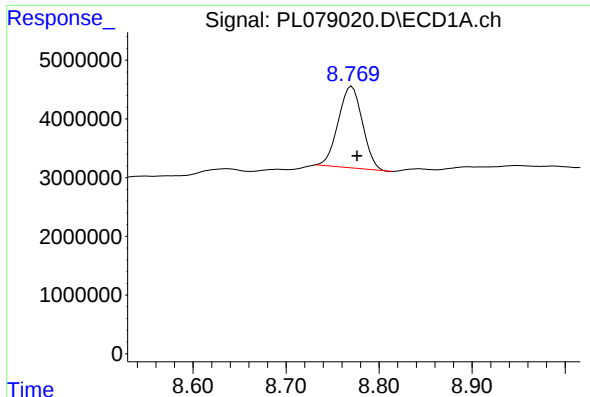
#27 Chlordane-5

R.T.: 6.646 min  
Delta R.T.: -0.002 min  
Response: 132539  
Conc: 2.03 ng/ml



#27 Chlordane-5

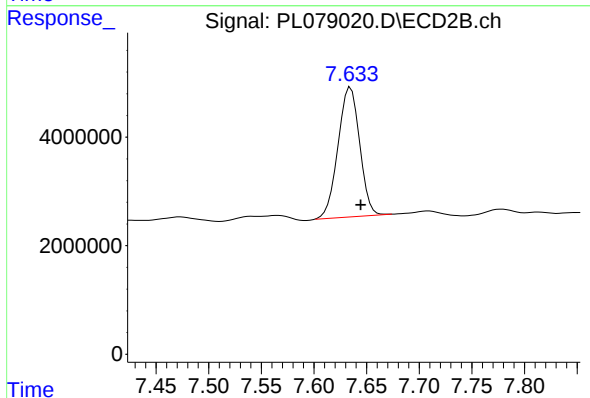
R.T.: 5.440 min  
Delta R.T.: -0.007 min  
Response: 2838143  
Conc: 34.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.771 min  
Delta R.T.: -0.006 min  
Response: 25099704  
Conc: 16.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.635 min  
Delta R.T.: -0.010 min  
Response: 34288778  
Conc: 18.10 ng/ml