

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041824\  
 Data File : PL089084.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Apr 2024 15:25  
 Operator : AR\AJ  
 Sample : P2151-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WATER-COMP

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 19 01:51:08 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 15 18:43:22 2024  
 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... | 3.552  | 2.798  | 35108021 | 23210224 | 16.519 | 17.414   |
| 28)                         | SA Decachlor... | 9.066  | 7.951  | 12909424 | 12405911 | 10.135 | 9.264    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.007  | 3.299  | 5069591  | 538671   | 1.696  | 0.272 #  |
| 3)                          | MA gamma-BHC... | 4.338  | 3.642  | 1351114  | 2097083  | 0.468  | 1.090 #  |
| 4)                          | MA Heptachlor   | 4.920  | 3.991f | 801756   | 42191    | 0.322  | 0.023 #  |
| 5)                          | MB Aldrin       | 5.266  | 0.000  | 1835776  | 0        | 0.707  | N.D. #   |
| 6)                          | B beta-BHC      | 4.557f | 0.000  | 304207   | 0        | 0.227  | N.D. #   |
| 7)                          | B delta-BHC     | 4.775  | 4.162  | 5880731  | 108017   | 2.199  | 0.059 #  |
| 8)                          | B Heptachlo...  | 5.683  | 4.749  | 520215   | 256816   | 0.220  | 0.155 #  |
| 9)                          | A Endosulfan I  | 6.058f | 5.155f | 7243496  | 361522   | 3.312  | 0.241 #  |
| 10)                         | B gamma-Chl...  | 0.000  | 5.019  | 0        | 48261    | N.D.   | 0.029 #  |
| 11)                         | B alpha-Chl...  | 6.058f | 5.078  | 7243496  | 9593936  | 3.164  | 5.801 #  |
| 12)                         | B 4,4'-DDE      | 6.186f | 5.274  | 384272   | 207398   | 0.191  | 0.141 #  |
| 13)                         | MA Dieldrin     | 6.359  | 0.000  | 1361917  | 0        | 0.604  | N.D. #   |
| 14)                         | MA Endrin       | 6.592  | 5.691f | 590324   | 1146783  | 0.314  | 0.789 #  |
| 15)                         | B Endosulfa...  | 6.779f | 0.000  | 8551869  | 0        | 4.440  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.816  | 711489   | 416430   | 0.441  | 0.344    |
| 17)                         | MA 4,4'-DDT     | 7.015f | 6.091f | 5984902  | 961328   | 3.284  | 0.733 #  |
| 18)                         | B Endrin al...  | 6.926  | 6.161f | 688983   | 588646   | 0.471  | 0.536    |
| 19)                         | B Endosulfa...  | 7.164  | 6.372  | 1540768  | 41543    | 0.897  | 0.031 #  |
| 21)                         | B Endrin ke...  | 7.645  | 0.000  | 346084   | 0        | 0.179  | N.D. #   |
| 22)                         | Mirex           | 8.127  | 7.058  | 428796   | 93109    | 0.292  | 0.070 #  |
| 23)                         | Chlordane-1     | 4.730  | 3.816  | 2867947  | 393586   | 31.571 | 7.667 #  |
| 24)                         | Chlordane-2     | 5.266f | 4.360f | 1835776  | 984712   | 19.435 | 15.162   |
| 25)                         | Chlordane-3     | 5.921f | 5.019  | 3788352  | 48261    | 11.754 | 0.279 #  |
| 26)                         | Chlordane-4     | 6.058f | 5.078  | 7243496  | 9593936  | 18.323 | 59.151 # |
| 27)                         | Chlordane-5     | 0.000  | 5.752  | 0        | 116151   | N.D.   | 2.304 #  |
| -----                       |                 |        |        |          |          |        |          |

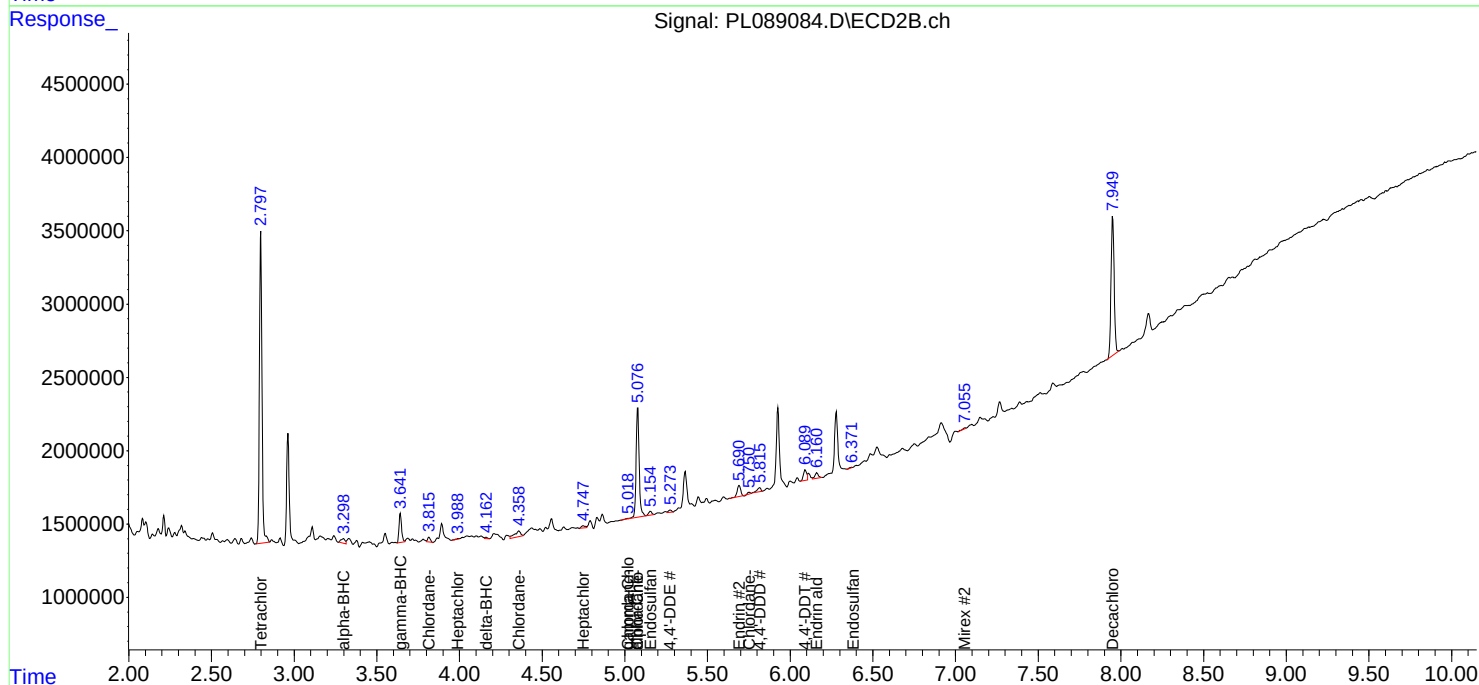
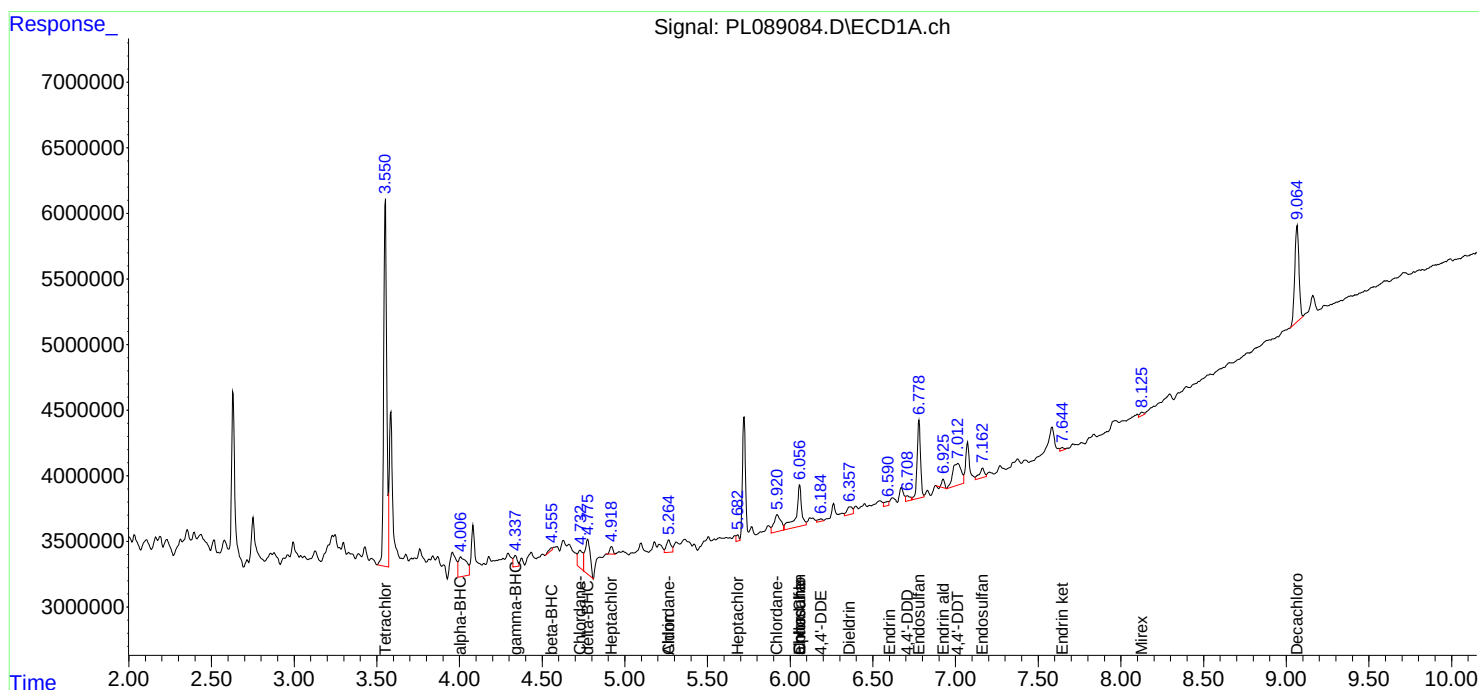
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

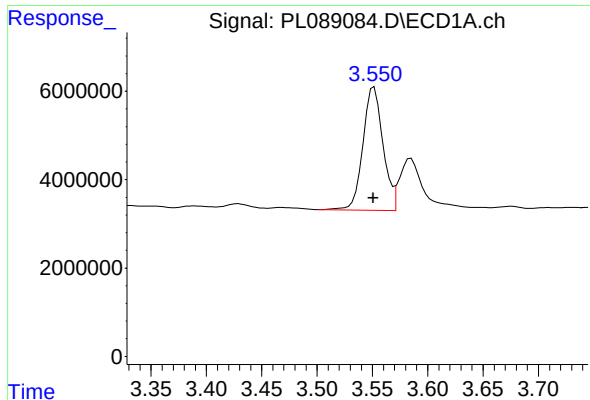
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041824\  
Data File : PL089084.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Apr 2024 15:25  
Operator : AR\AJ  
Sample : P2151-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
WATER-COMP

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 19 01:51:08 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 15 18:43:22 2024  
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

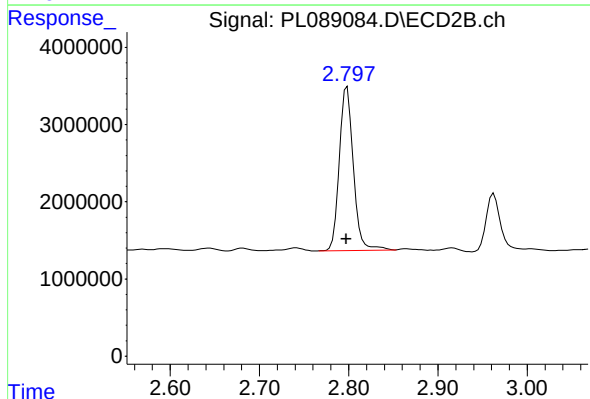




#1 Tetrachloro-m-xylene

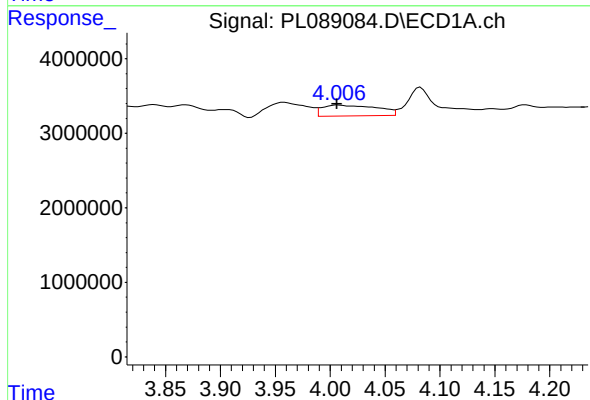
R.T.: 3.552 min  
Delta R.T.: 0.000 min  
Response: 35108021  
Conc: 16.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER-COMP



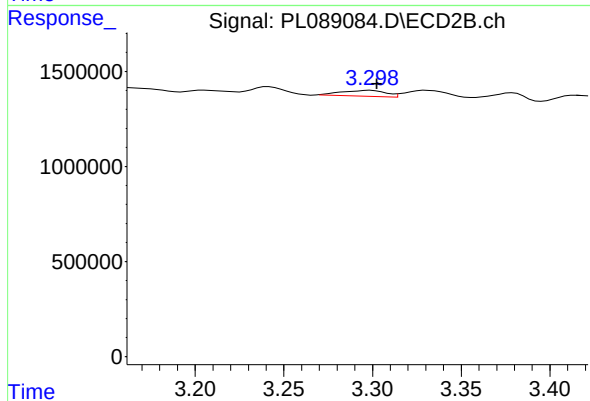
#1 Tetrachloro-m-xylene

R.T.: 2.798 min  
Delta R.T.: 0.001 min  
Response: 23210224  
Conc: 17.41 ng/ml



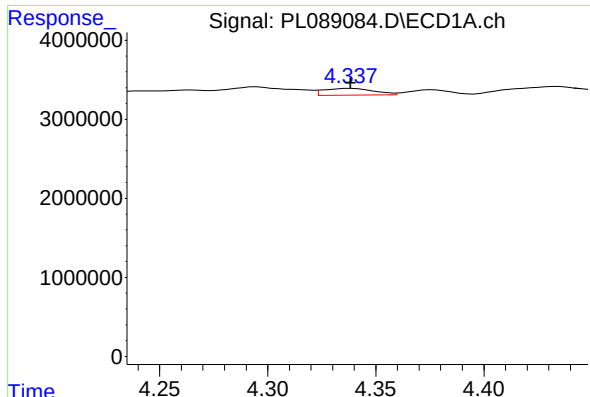
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.001 min  
Response: 5069591  
Conc: 1.70 ng/ml



#2 alpha-BHC

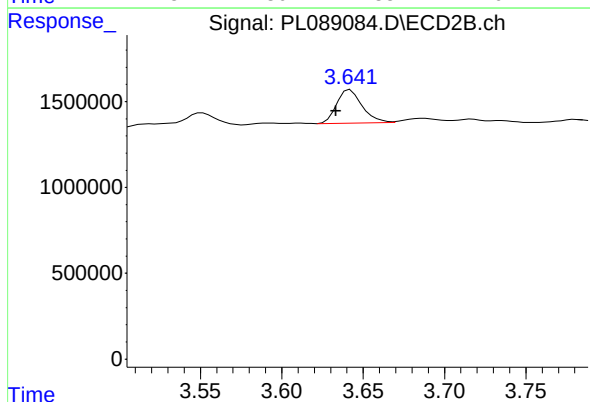
R.T.: 3.299 min  
Delta R.T.: -0.003 min  
Response: 538671  
Conc: 0.27 ng/ml



#3 gamma-BHC (Lindane)

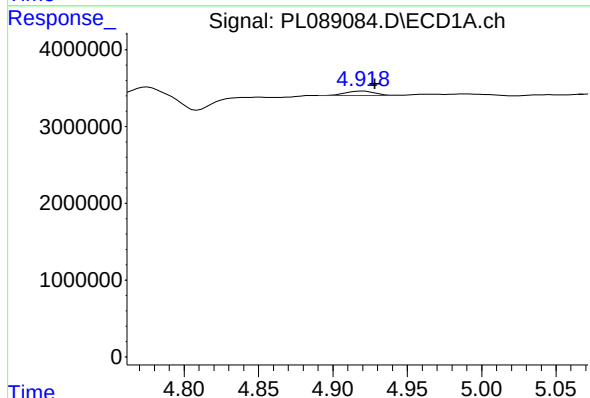
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 1351114  
Conc: 0.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER-COMP



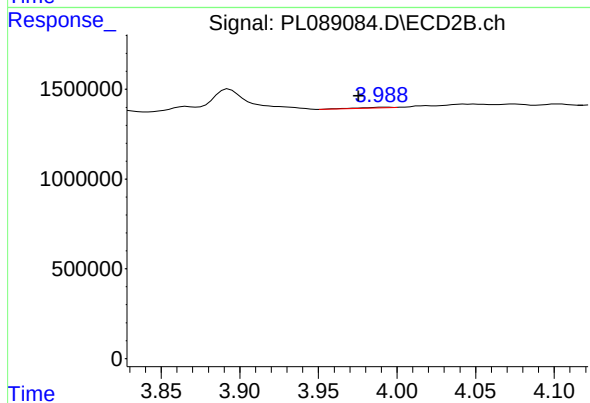
#3 gamma-BHC (Lindane)

R.T.: 3.642 min  
Delta R.T.: 0.009 min  
Response: 2097083  
Conc: 1.09 ng/ml



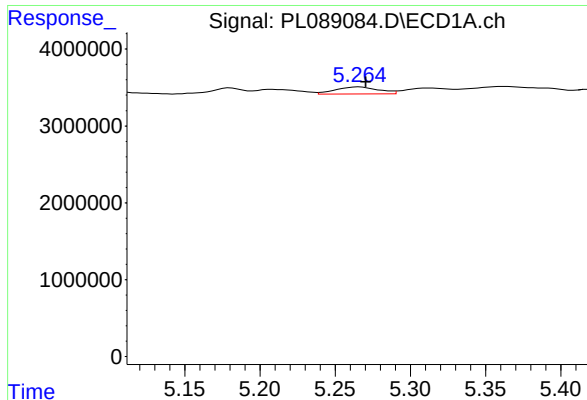
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: -0.008 min  
Response: 801756  
Conc: 0.32 ng/ml



#4 Heptachlor

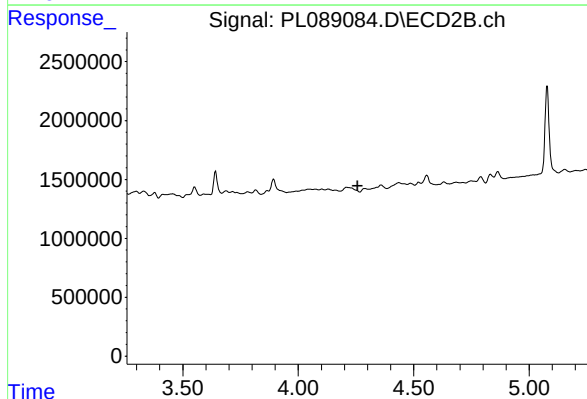
R.T.: 3.991 min  
Delta R.T.: 0.016 min  
Response: 42191  
Conc: 0.02 ng/ml



#5 Aldrin

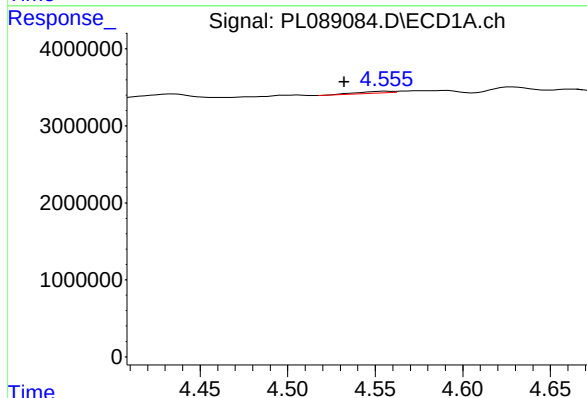
R.T.: 5.266 min  
Delta R.T.: -0.005 min  
Response: 1835776  
Conc: 0.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER-COMP



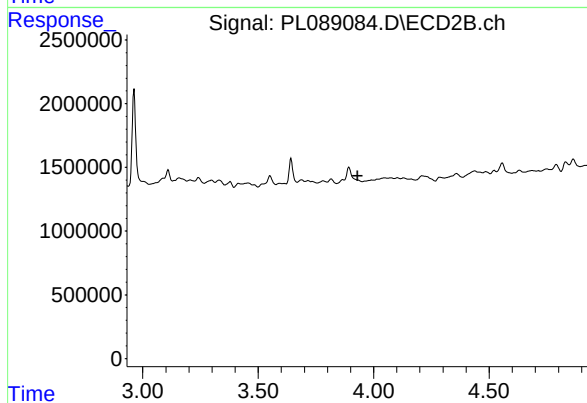
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.257 min  
Response: 0  
Conc: N.D.



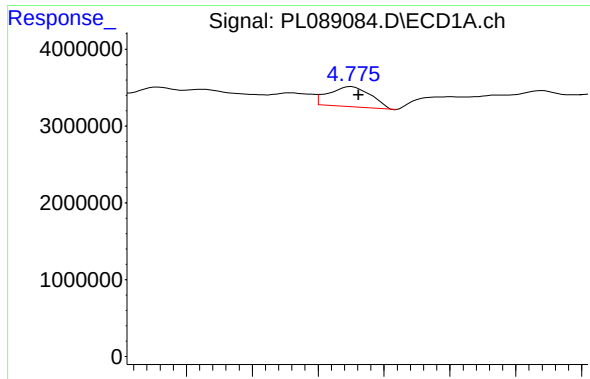
#6 beta-BHC

R.T.: 4.557 min  
Delta R.T.: 0.025 min  
Response: 304207  
Conc: 0.23 ng/ml



#6 beta-BHC

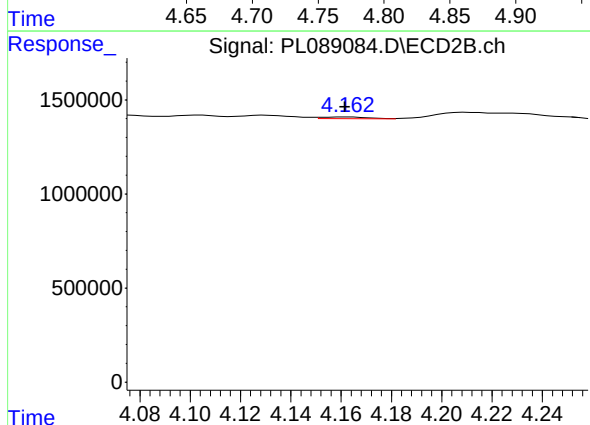
R.T.: 0.000 min  
Exp R.T. : 3.930 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

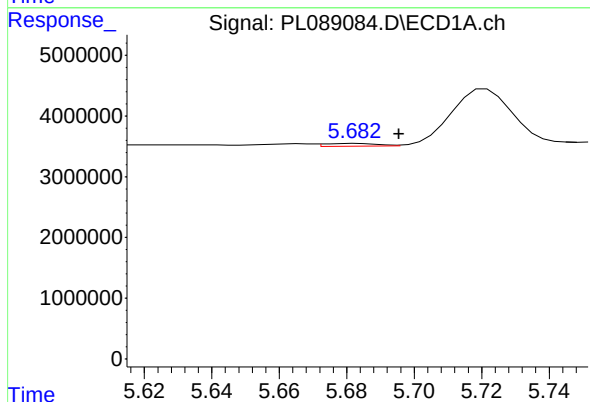
R.T.: 4.775 min  
Delta R.T.: -0.006 min  
Response: 5880731  
Conc: 2.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER-COMP



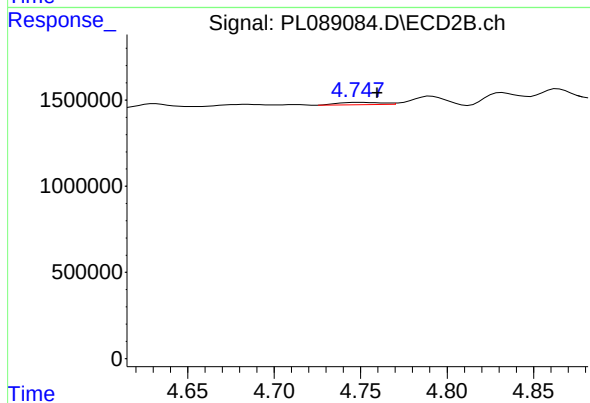
#7 delta-BHC

R.T.: 4.162 min  
Delta R.T.: 0.000 min  
Response: 108017  
Conc: 0.06 ng/ml



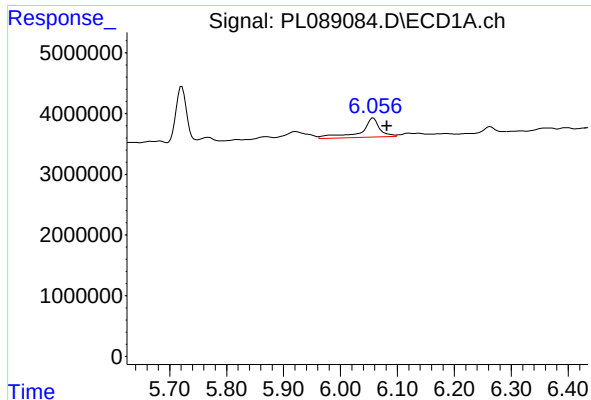
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: -0.012 min  
Response: 520215  
Conc: 0.22 ng/ml



#8 Heptachlor epoxide

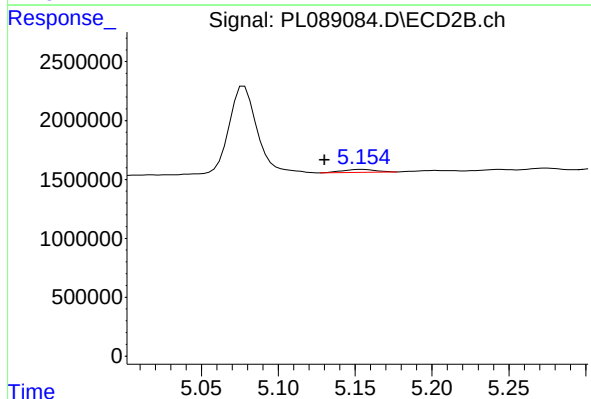
R.T.: 4.749 min  
Delta R.T.: -0.011 min  
Response: 256816  
Conc: 0.15 ng/ml



#9 Endosulfan I

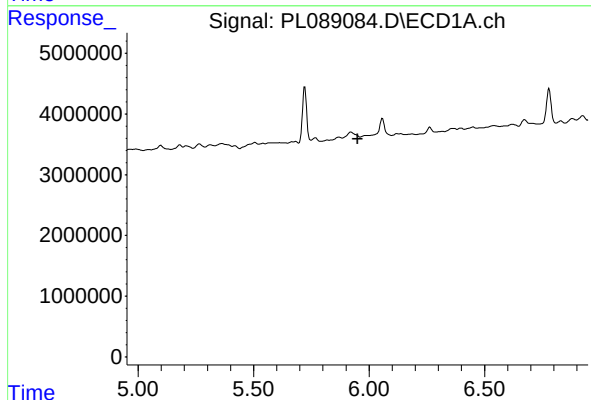
R.T.: 6.058 min  
Delta R.T.: -0.024 min  
Response: 7243496  
Conc: 3.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER-COMP



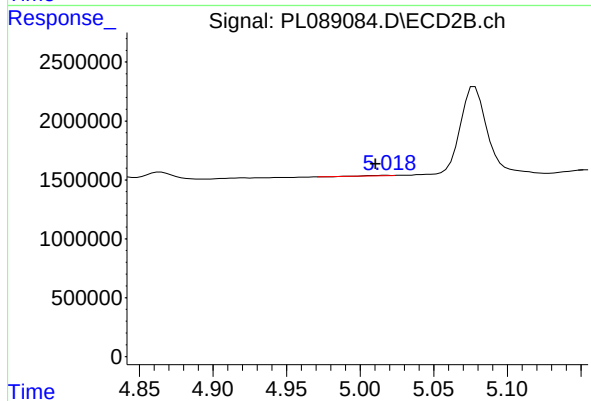
#9 Endosulfan I

R.T.: 5.155 min  
Delta R.T.: 0.025 min  
Response: 361522  
Conc: 0.24 ng/ml



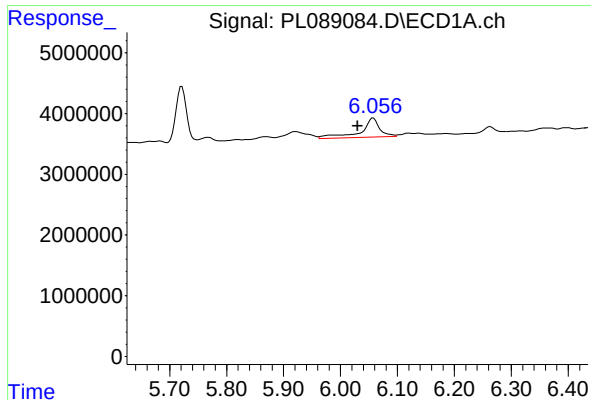
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.951 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

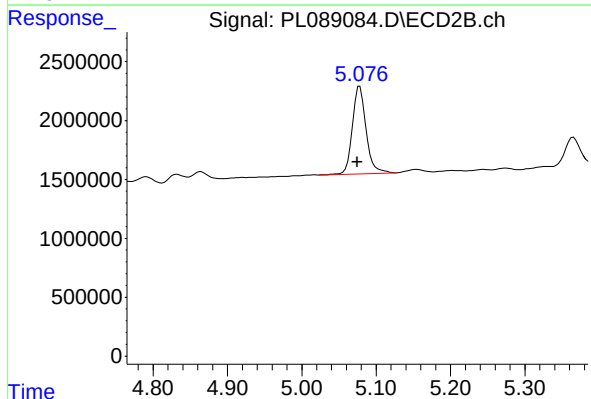
R.T.: 5.019 min  
Delta R.T.: 0.009 min  
Response: 48261  
Conc: 0.03 ng/ml



#11 alpha-Chlordane

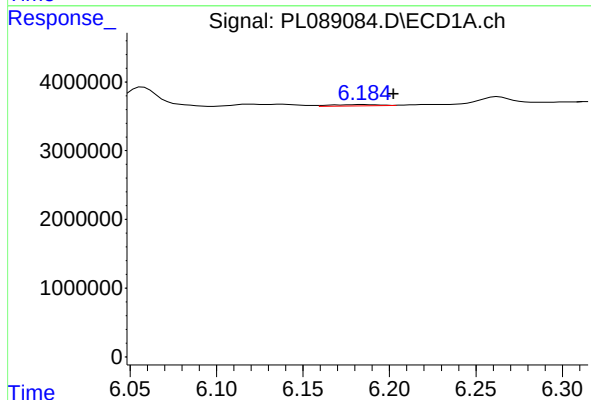
R.T.: 6.058 min  
Delta R.T.: 0.027 min  
Response: 7243496  
Conc: 3.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER-COMP



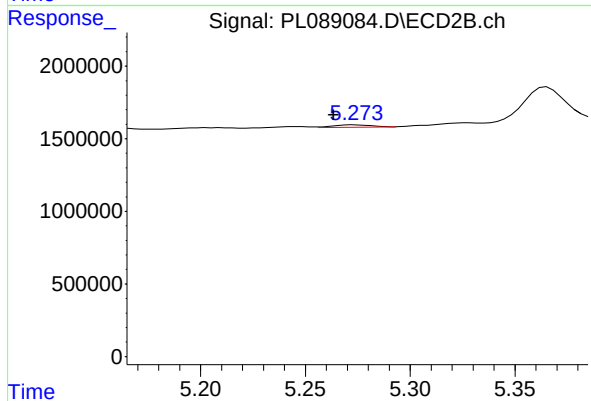
#11 alpha-Chlordane

R.T.: 5.078 min  
Delta R.T.: 0.003 min  
Response: 9593936  
Conc: 5.80 ng/ml



#12 4,4'-DDE

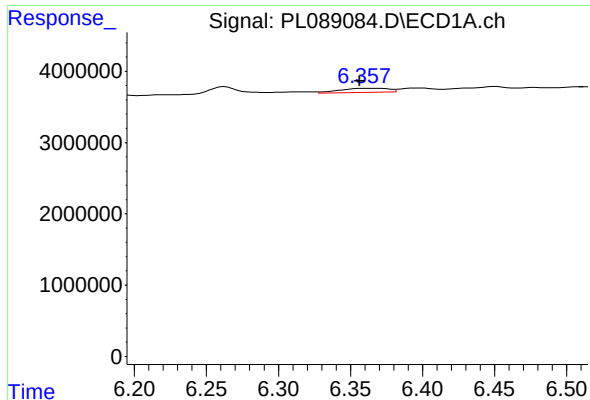
R.T.: 6.186 min  
Delta R.T.: -0.017 min  
Response: 384272  
Conc: 0.19 ng/ml



#12 4,4'-DDE

R.T.: 5.274 min  
Delta R.T.: 0.011 min  
Response: 207398  
Conc: 0.14 ng/ml

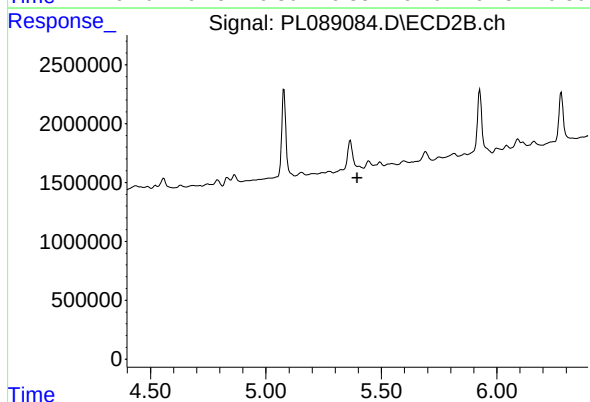




#13 Dieldrin

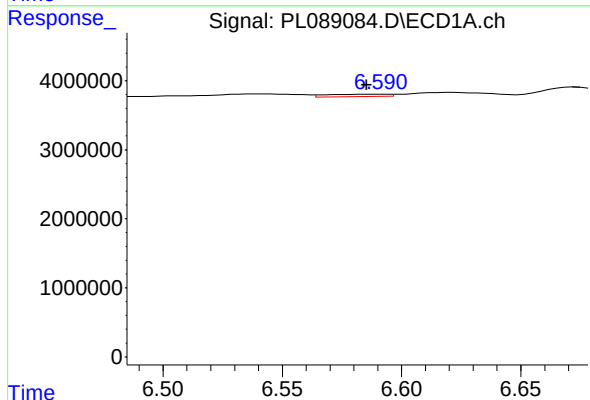
R.T.: 6.359 min  
Delta R.T.: 0.003 min  
Response: 1361917  
Conc: 0.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER-COMP



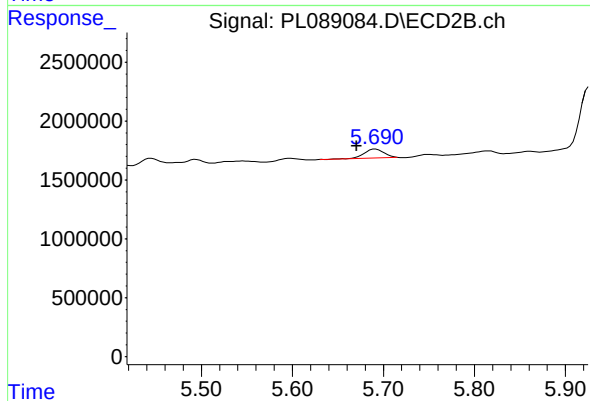
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 5.395 min  
Response: 0  
Conc: N.D.



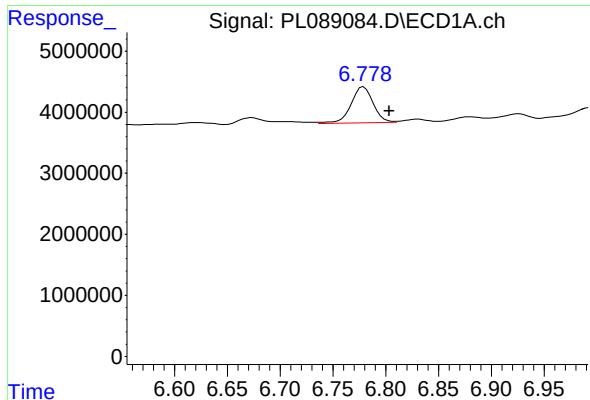
#14 Endrin

R.T.: 6.592 min  
Delta R.T.: 0.006 min  
Response: 590324  
Conc: 0.31 ng/ml



#14 Endrin

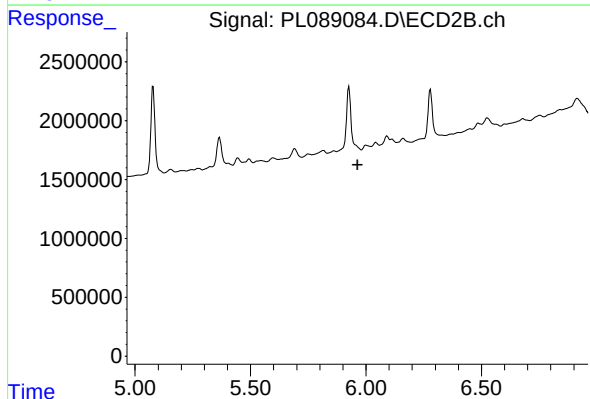
R.T.: 5.691 min  
Delta R.T.: 0.021 min  
Response: 1146783  
Conc: 0.79 ng/ml



#15 Endosulfan II

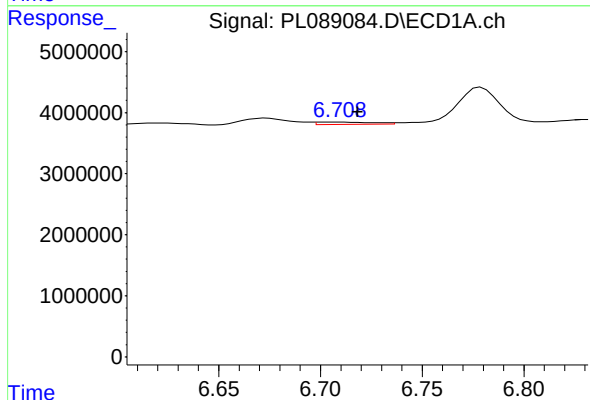
R.T.: 6.779 min  
Delta R.T.: -0.024 min  
Response: 8551869  
Conc: 4.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER-COMP



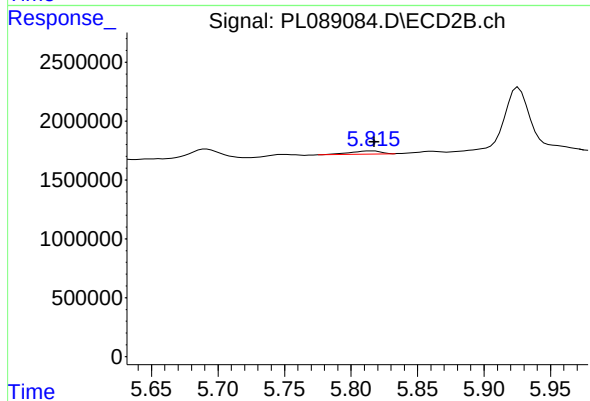
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 5.964 min  
Response: 0  
Conc: N.D.



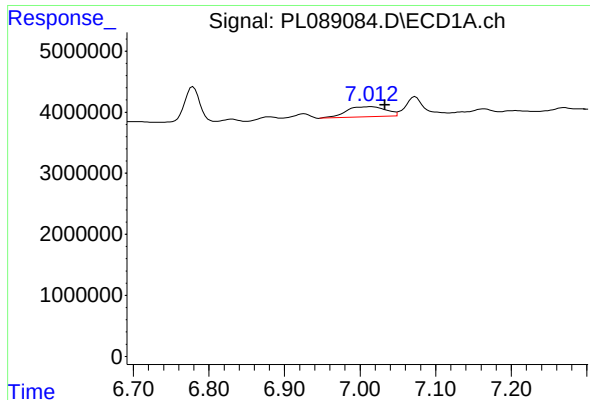
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: -0.009 min  
Response: 711489  
Conc: 0.44 ng/ml



#16 4,4'-DDD

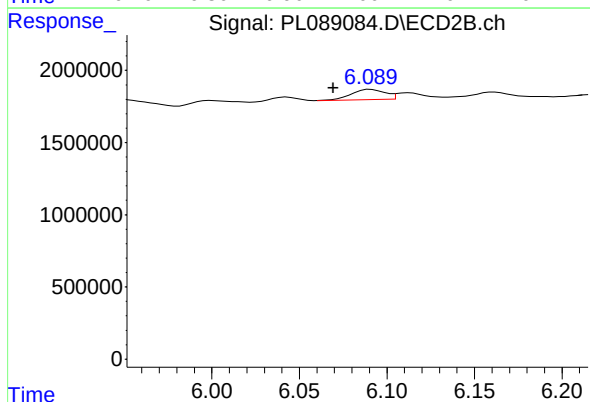
R.T.: 5.816 min  
Delta R.T.: -0.002 min  
Response: 416430  
Conc: 0.34 ng/ml



#17 4,4'-DDT

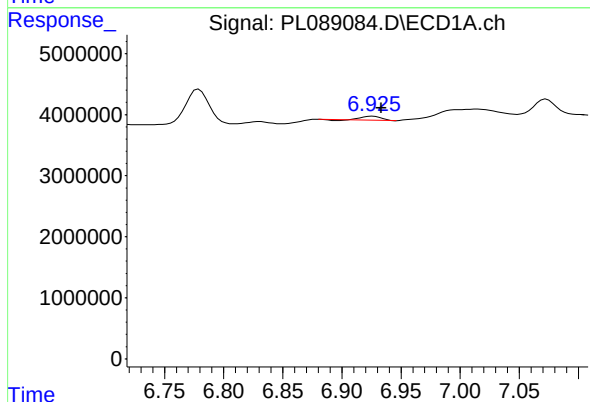
R.T.: 7.015 min  
Delta R.T.: -0.018 min  
Response: 5984902  
Conc: 3.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER-COMP



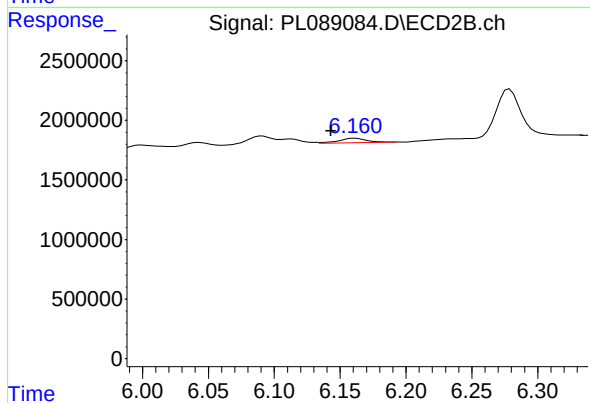
#17 4,4'-DDT

R.T.: 6.091 min  
Delta R.T.: 0.021 min  
Response: 961328  
Conc: 0.73 ng/ml



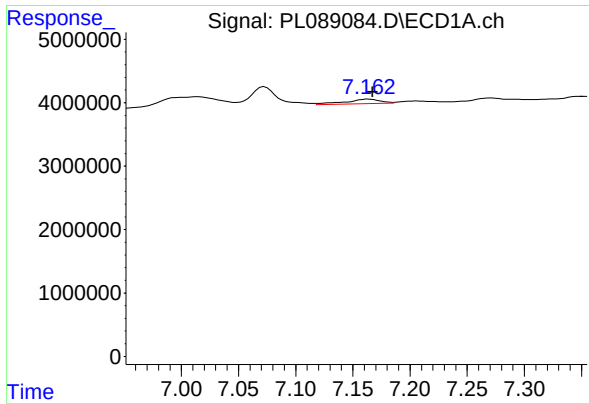
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: -0.008 min  
Response: 688983  
Conc: 0.47 ng/ml



#18 Endrin aldehyde

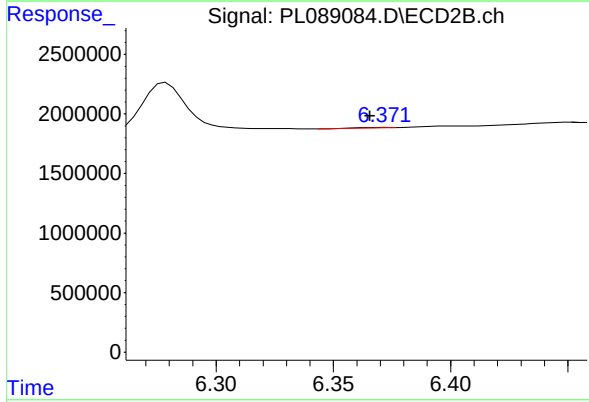
R.T.: 6.161 min  
Delta R.T.: 0.018 min  
Response: 588646  
Conc: 0.54 ng/ml



#19 Endosulfan Sulfate

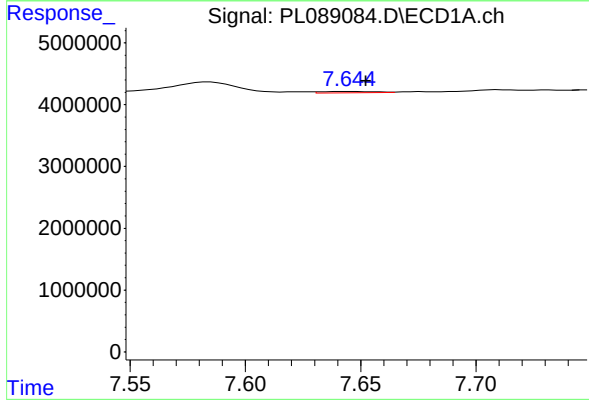
R.T.: 7.164 min  
Delta R.T.: -0.003 min  
Response: 1540768  
Conc: 0.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER-COMP



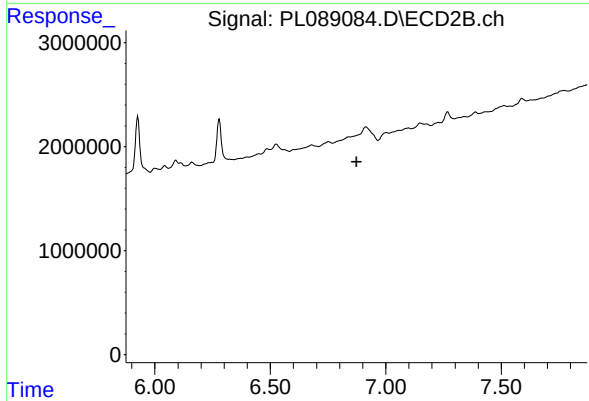
#19 Endosulfan Sulfate

R.T.: 6.372 min  
Delta R.T.: 0.006 min  
Response: 41543  
Conc: 0.03 ng/ml



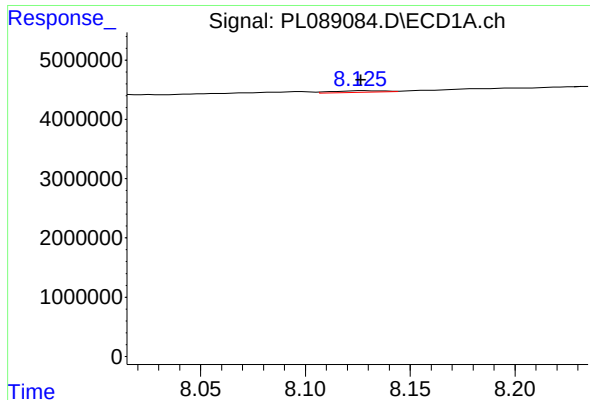
#21 Endrin ketone

R.T.: 7.645 min  
Delta R.T.: -0.007 min  
Response: 346084  
Conc: 0.18 ng/ml



#21 Endrin ketone

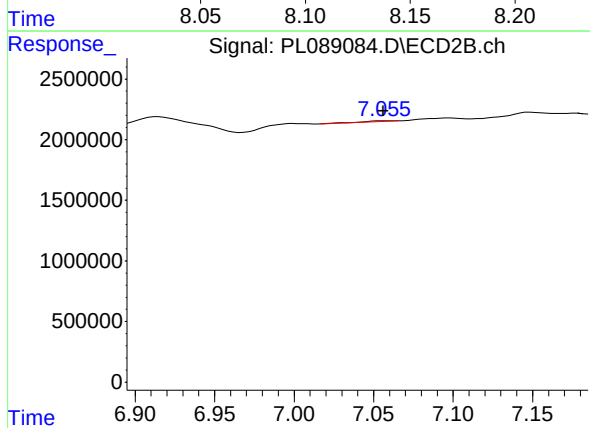
R.T.: 0.000 min  
Exp R.T.: 6.873 min  
Response: 0  
Conc: N.D.



#22 Mirex

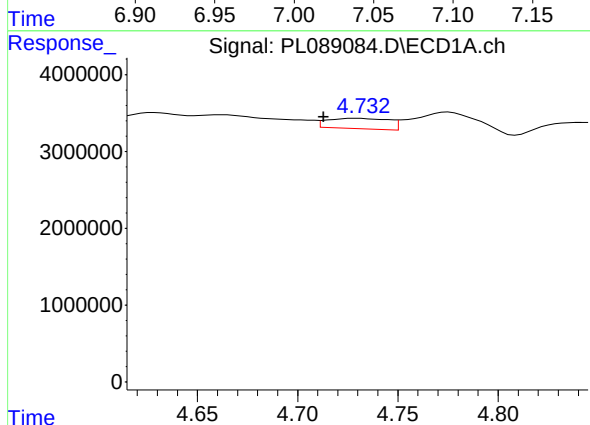
R.T.: 8.127 min  
Delta R.T.: 0.000 min  
Response: 428796  
Conc: 0.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER-COMP



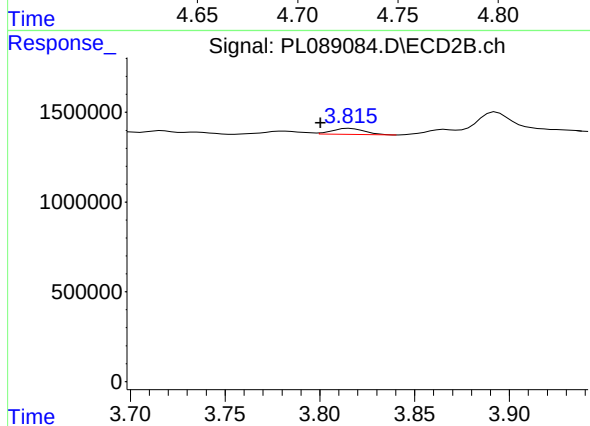
#22 Mirex

R.T.: 7.058 min  
Delta R.T.: 0.002 min  
Response: 93109  
Conc: 0.07 ng/ml



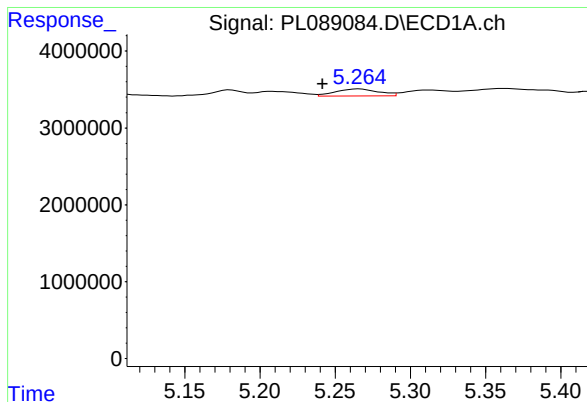
#23 Chlordane-1

R.T.: 4.730 min  
Delta R.T.: 0.017 min  
Response: 2867947  
Conc: 31.57 ng/ml



#23 Chlordane-1

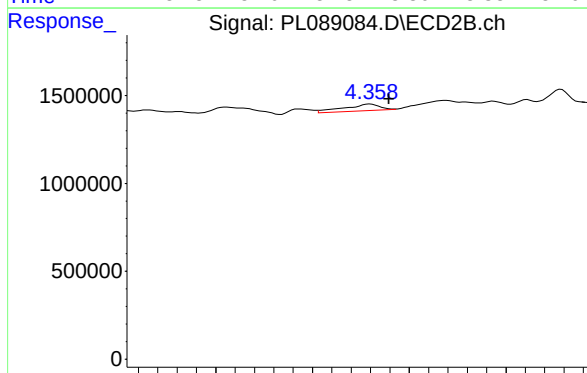
R.T.: 3.816 min  
Delta R.T.: 0.016 min  
Response: 393586  
Conc: 7.67 ng/ml



#24 Chlordane-2

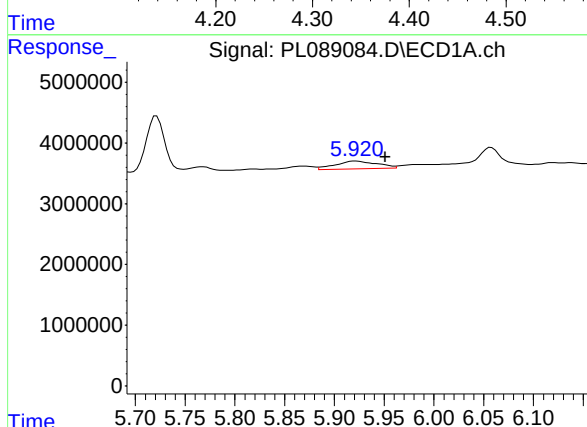
R.T.: 5.266 min  
Delta R.T.: 0.024 min  
Response: 1835776  
Conc: 19.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER-COMP



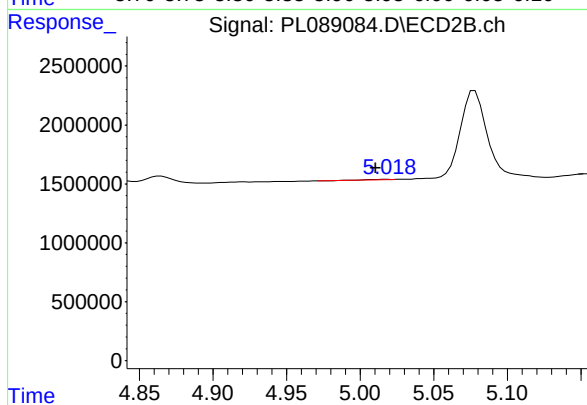
#24 Chlordane-2

R.T.: 4.360 min  
Delta R.T.: -0.019 min  
Response: 984712  
Conc: 15.16 ng/ml



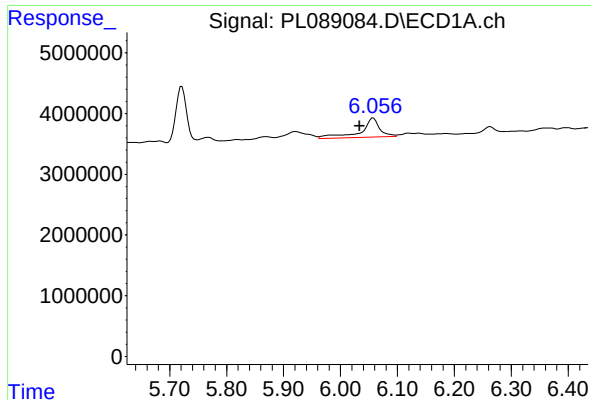
#25 Chlordane-3

R.T.: 5.921 min  
Delta R.T.: -0.030 min  
Response: 3788352  
Conc: 11.75 ng/ml



#25 Chlordane-3

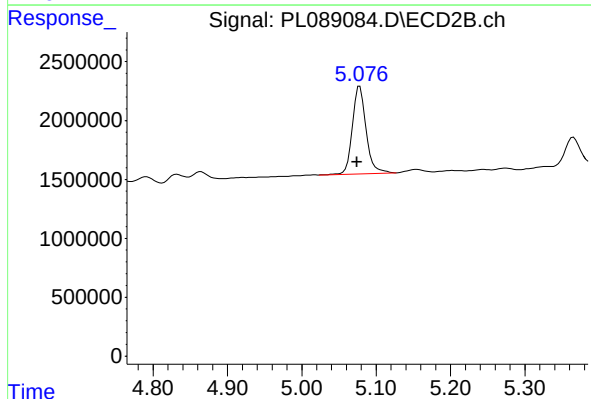
R.T.: 5.019 min  
Delta R.T.: 0.009 min  
Response: 48261  
Conc: 0.28 ng/ml



#26 Chlordane-4

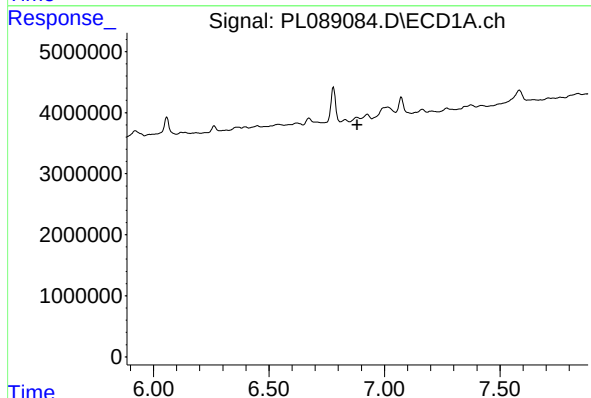
R.T.: 6.058 min  
Delta R.T.: 0.024 min  
Response: 7243496  
Conc: 18.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER-COMP



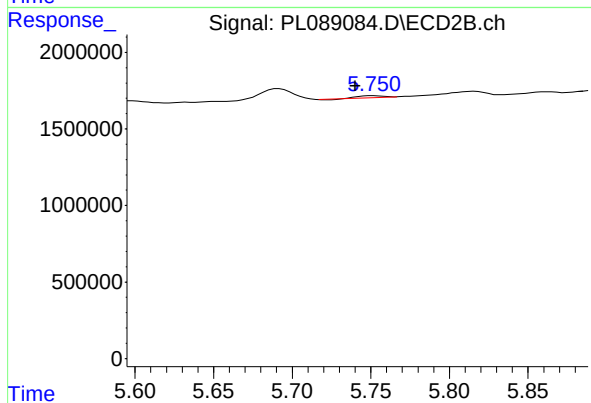
#26 Chlordane-4

R.T.: 5.078 min  
Delta R.T.: 0.004 min  
Response: 9593936  
Conc: 59.15 ng/ml



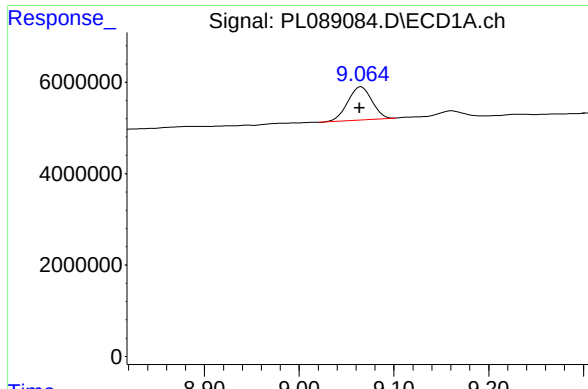
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.882 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

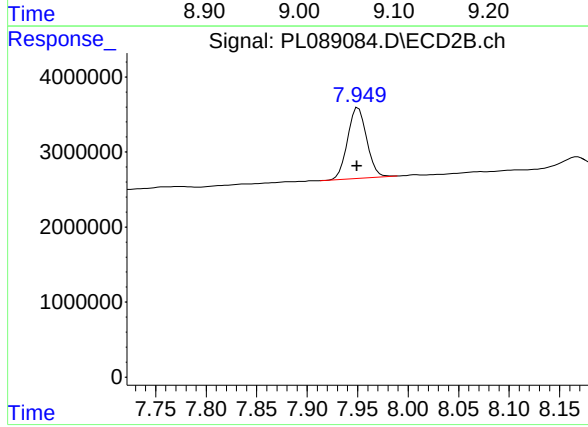
R.T.: 5.752 min  
Delta R.T.: 0.012 min  
Response: 116151  
Conc: 2.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min  
Delta R.T.: 0.002 min  
Response: 12909424  
Conc: 10.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER-COMP



#28 Decachlorobiphenyl

R.T.: 7.951 min  
Delta R.T.: 0.001 min  
Response: 12405911  
Conc: 9.26 ng/ml