

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071818\  
 Data File : PL038259.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jul 2018 04:13  
 Operator : AJ\SJ  
 Sample : J4026-05  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 19 05:51:53 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.329  | 3.930  | 140.1E6  | 55372002 | 18.818 | 21.095   |
| 28)                         | SA Decachlor... | 7.999  | 8.938  | 111.9E6  | 40670004 | 14.747 | 16.638   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.747  | 4.334f | 4315193  | 667255   | 0.365  | 0.172 #  |
| 3)                          | MA gamma-BHC... | 4.052  | 0.000  | 577193   | 0        | 0.055  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.317  | 0.000  | 544768   | 0        | 0.051  | N.D. #   |
| 5)                          | MB Aldrin       | 4.548  | 0.000  | 1015353  | 0        | 0.097  | N.D. #   |
| 6)                          | B beta-BHC      | 4.289  | 4.760  | 2147274  | 1698198  | 0.455  | 1.120 #  |
| 7)                          | B delta-BHC     | 4.482  | 4.960  | 3377347  | 4224681  | 0.311  | 1.274 #  |
| 8)                          | B Heptachlo...  | 5.012  | 5.774  | 74271    | 172629   | 0.008  | 0.061 #  |
| 9)                          | A Endosulfan I  | 5.353  | 6.070f | 450967   | 4585244  | 0.052  | 1.783 #  |
| 10)                         | B gamma-Chl...  | 5.196  | 6.039  | 11355938 | 153356   | 1.149  | 0.053 #  |
| 11)                         | B alpha-Chl...  | 5.280  | 6.070  | 4832550  | 4585244  | 0.511  | 1.600 #  |
| 12)                         | B 4,4'-DDE      | 5.442  | 6.264  | 753617   | 318096   | 0.079  | 0.119 #  |
| 13)                         | MA Dieldrin     | 5.582  | 6.386  | 5305256  | 893795   | 0.552  | 0.328 #  |
| 14)                         | MA Endrin       | 5.817  | 6.596  | 5926055  | 251850   | 0.682  | 0.105 #  |
| 15)                         | B Endosulfa...  | 6.092  | 6.805  | 2391991  | 1132590  | 0.302  | 0.472 #  |
| 16)                         | A 4,4'-DDD      | 5.953  | 6.737  | 6117285  | 1320735  | 0.834  | 0.617 #  |
| 17)                         | MA 4,4'-DDT     | 6.184  | 6.999  | 8739812  | 1851946  | 1.176  | 0.869 #  |
| 18)                         | B Endrin al...  | 6.223f | 6.926  | 3152002  | 315803   | 0.495  | 0.162 #  |
| 19)                         | B Endosulfa...  | 6.469  | 7.147  | 5575886  | 1880566  | 0.738  | 0.863    |
| 20)                         | A Methoxychlor  | 6.767  | 0.000  | 472806   | 0        | 0.123  | N.D. #   |
| 21)                         | B Endrin ke...  | 6.955  | 7.609  | 3127838  | 4426620  | 0.399  | 1.857 #  |
| 23)                         | Chlordane-1     | 4.197  | 4.960  | 7441409  | 4224681  | 21.491 | 36.456 # |
| 24)                         | Chlordane-2     | 4.640  | 0.000  | 122756   | 0        | 0.332  | N.D. #   |
| 25)                         | Chlordane-3     | 5.196  | 6.039  | 11355938 | 153356   | 9.762  | 0.376 #  |
| 26)                         | Chlordane-4     | 5.280  | 6.070  | 4832550  | 4585244  | 4.596  | 9.333 #  |
| 27)                         | Chlordane-5     | 5.883  | 6.864  | 2592611  | 525214   | 16.190 | 5.863 #  |
| -----                       |                 |        |        |          |          |        |          |

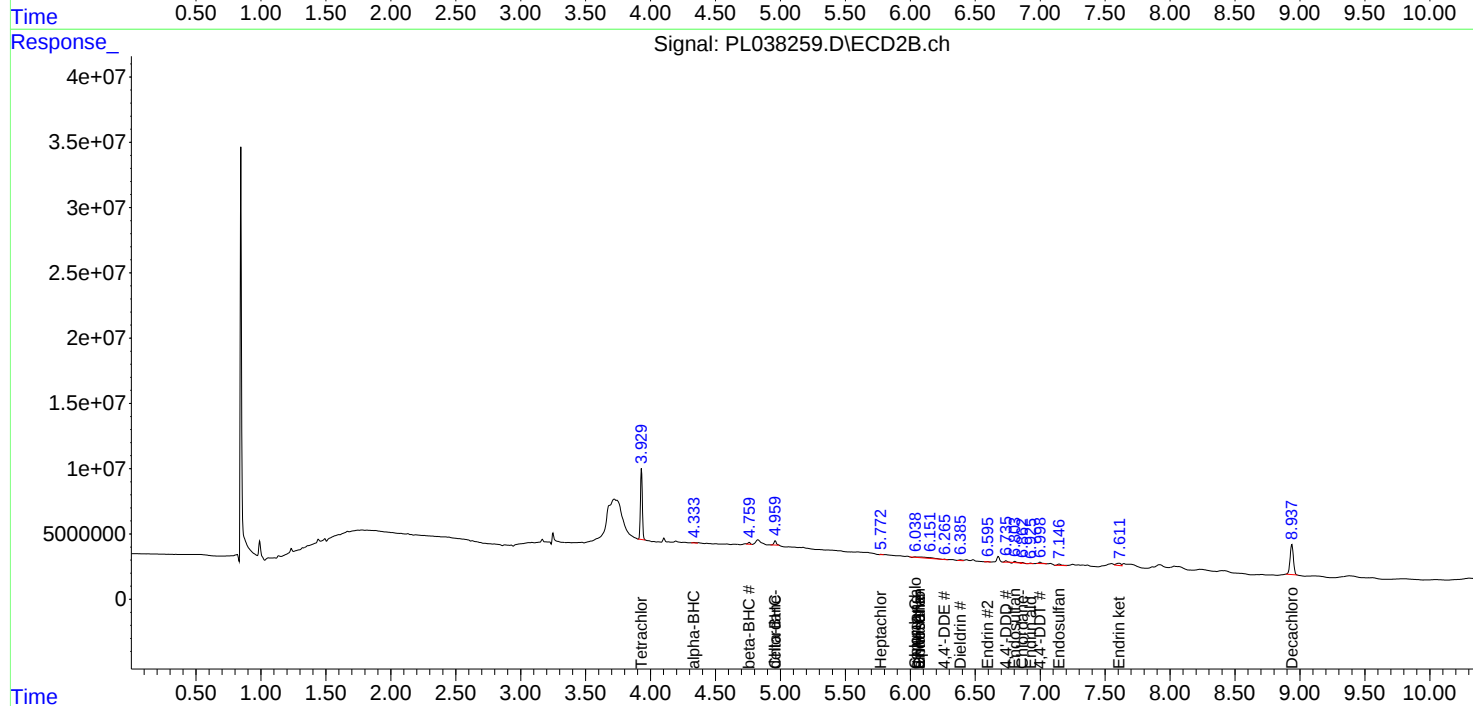
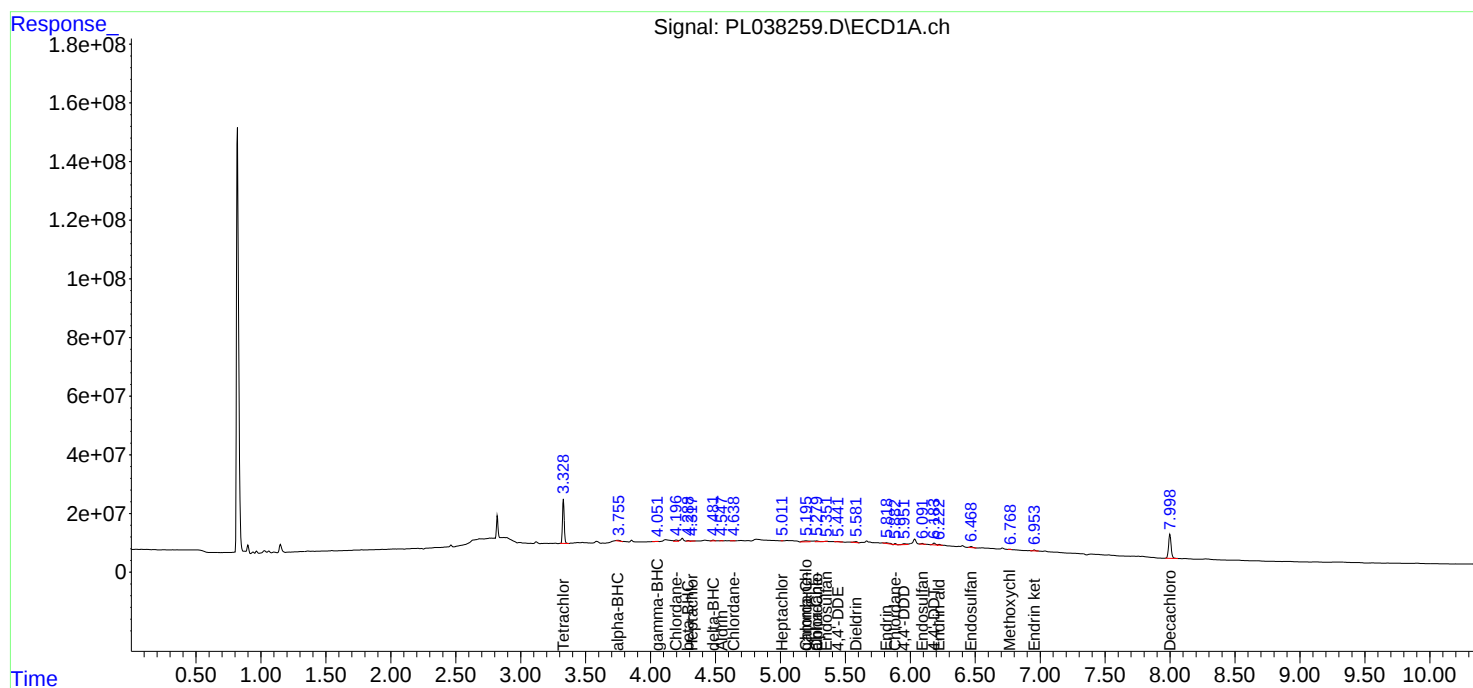
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

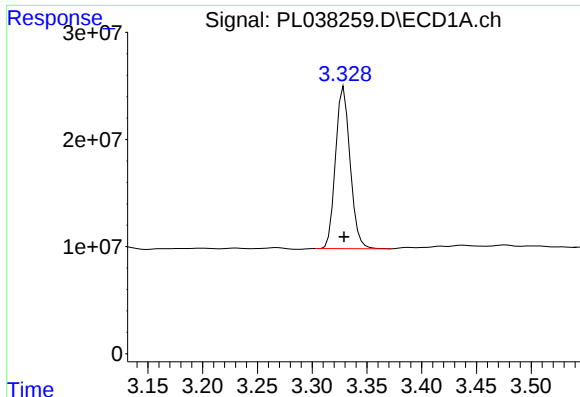
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071818\  
Data File : PL038259.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Jul 2018 04:13  
Operator : AJ\SJ  
Sample : J4026-05  
Misc :  
ALS Vial : 54 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 19 05:51:53 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

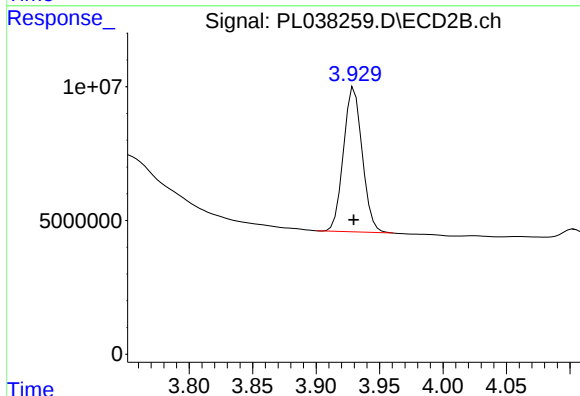




#1 Tetrachloro-m-xylene

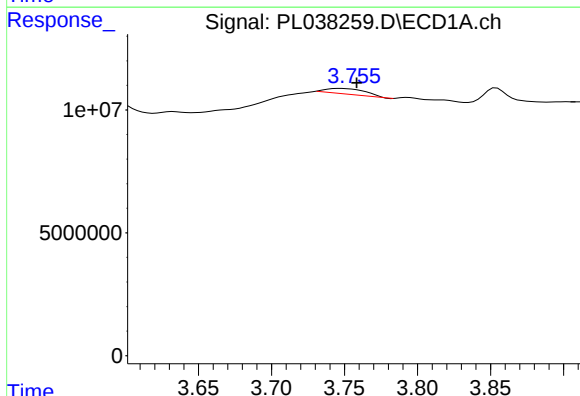
R.T.: 3.329 min  
Delta R.T.: 0.000 min  
Response: 140129877  
Conc: 18.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



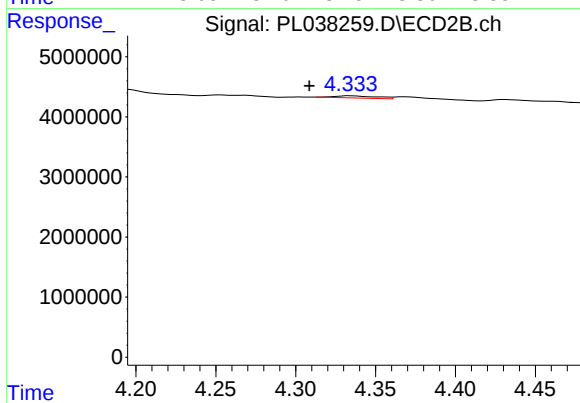
#1 Tetrachloro-m-xylene

R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 55372002  
Conc: 21.09 ng/ml



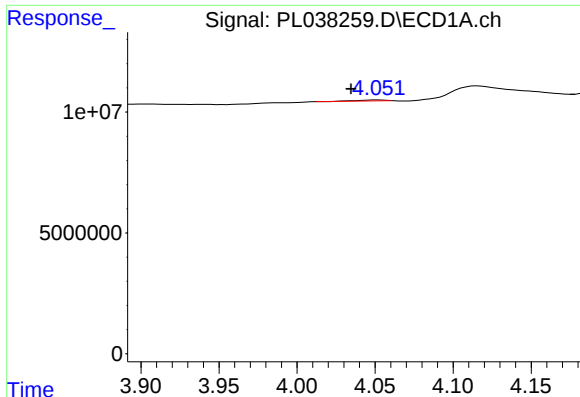
#2 alpha-BHC

R.T.: 3.747 min  
Delta R.T.: -0.011 min  
Response: 4315193  
Conc: 0.37 ng/ml



#2 alpha-BHC

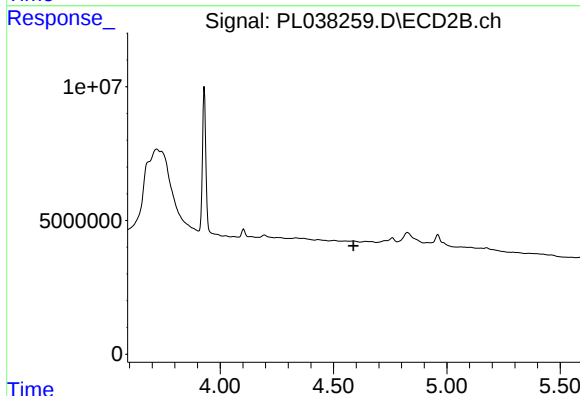
R.T.: 4.334 min  
Delta R.T.: 0.026 min  
Response: 667255  
Conc: 0.17 ng/ml



#3 gamma-BHC (Lindane)

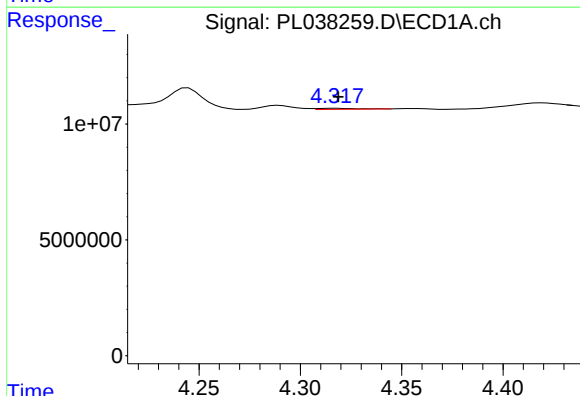
R.T.: 4.052 min  
Delta R.T.: 0.018 min  
Response: 577193  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



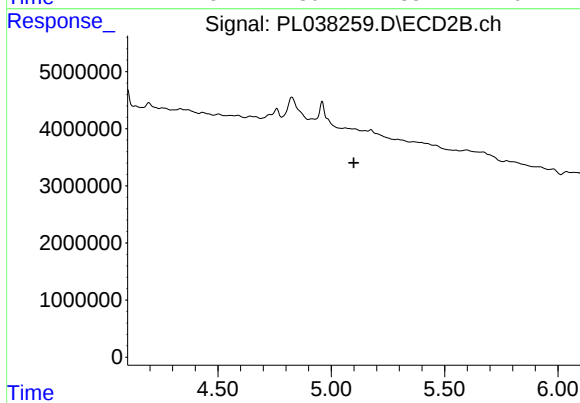
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.588 min  
Response: 0  
Conc: N.D.



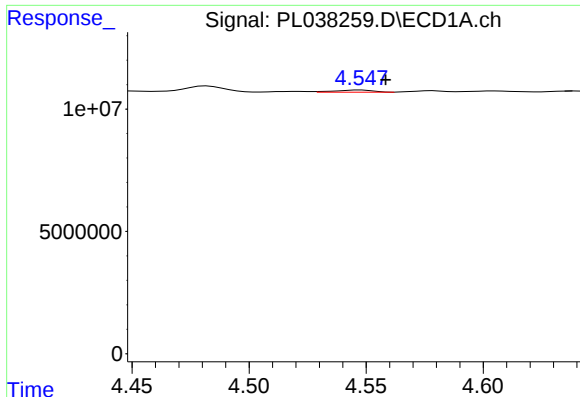
#4 Heptachlor

R.T.: 4.317 min  
Delta R.T.: -0.001 min  
Response: 544768  
Conc: 0.05 ng/ml



#4 Heptachlor

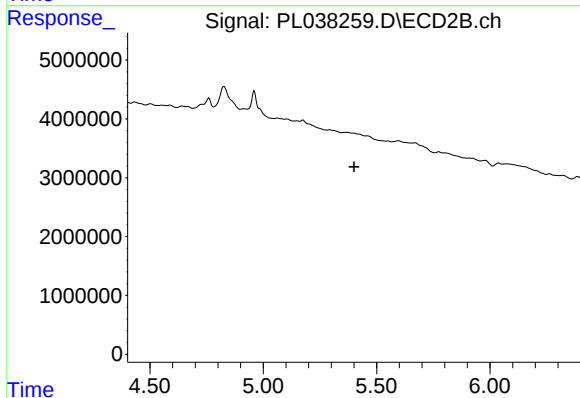
R.T.: 0.000 min  
Exp R.T. : 5.099 min  
Response: 0  
Conc: N.D.



#5 Aldrin

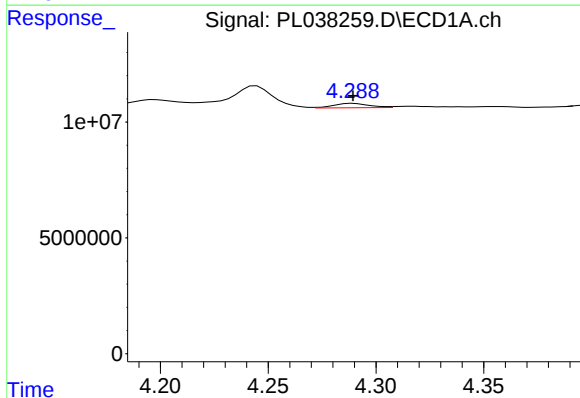
R.T.: 4.548 min  
Delta R.T.: -0.010 min  
Response: 1015353  
Conc: 0.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



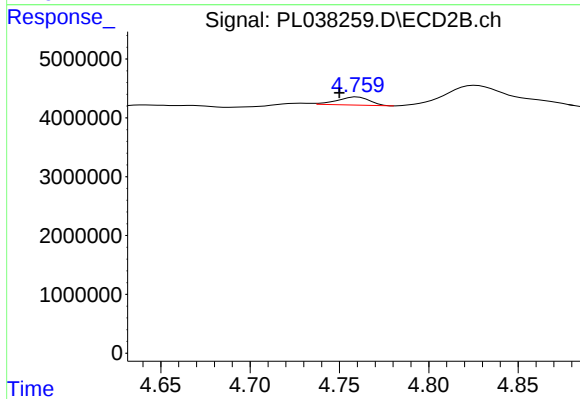
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.401 min  
Response: 0  
Conc: N.D.



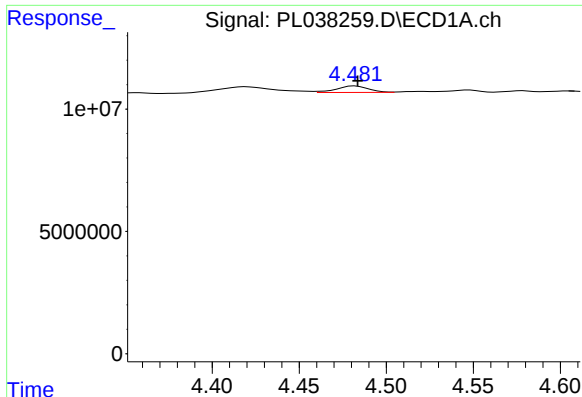
#6 beta-BHC

R.T.: 4.289 min  
Delta R.T.: 0.000 min  
Response: 2147274  
Conc: 0.45 ng/ml



#6 beta-BHC

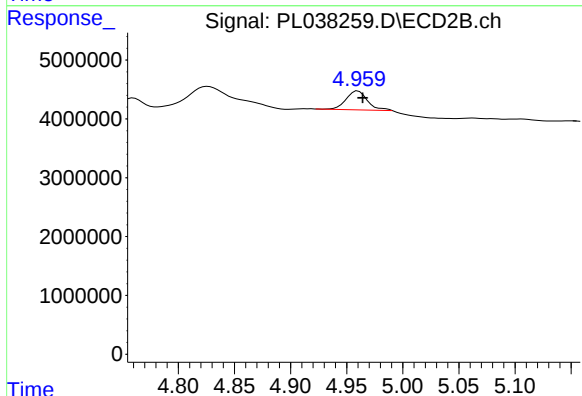
R.T.: 4.760 min  
Delta R.T.: 0.010 min  
Response: 1698198  
Conc: 1.12 ng/ml



#7 delta-BHC

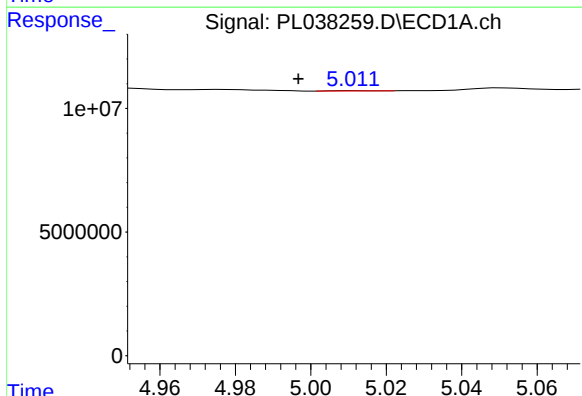
R.T.: 4.482 min  
Delta R.T.: -0.001 min  
Response: 3377347  
Conc: 0.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



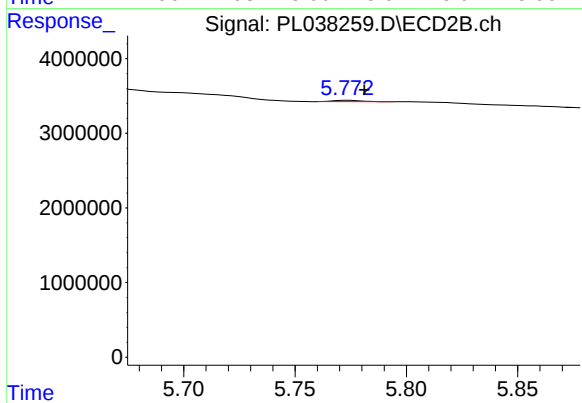
#7 delta-BHC

R.T.: 4.960 min  
Delta R.T.: -0.004 min  
Response: 4224681  
Conc: 1.27 ng/ml



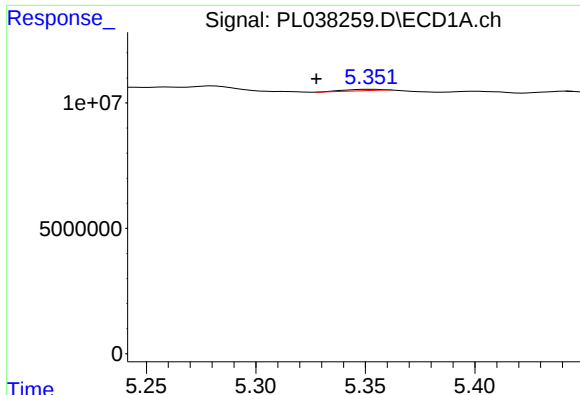
#8 Heptachlor epoxide

R.T.: 5.012 min  
Delta R.T.: 0.015 min  
Response: 74271  
Conc: 0.01 ng/ml



#8 Heptachlor epoxide

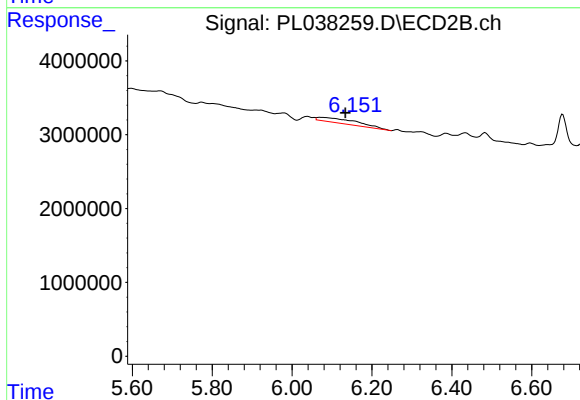
R.T.: 5.774 min  
Delta R.T.: -0.007 min  
Response: 172629  
Conc: 0.06 ng/ml



#9 Endosulfan I

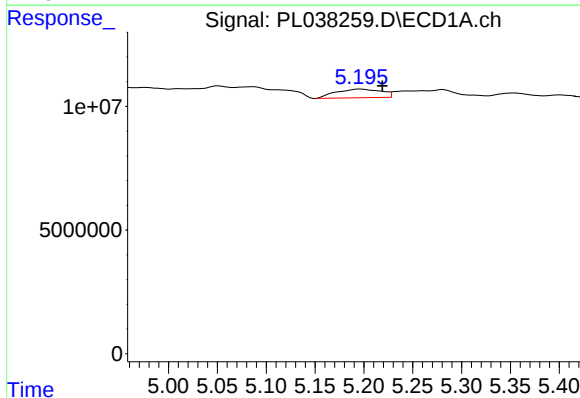
R.T.: 5.353 min  
Delta R.T.: 0.026 min  
Response: 450967  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



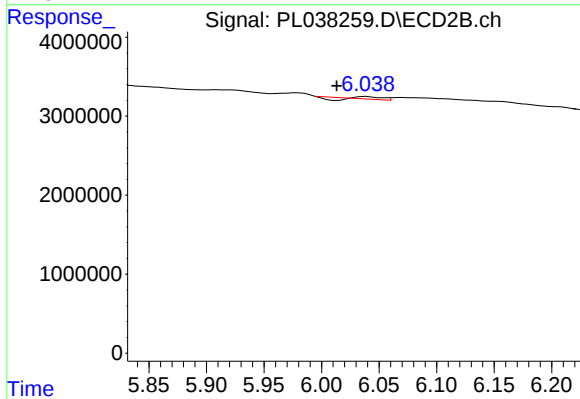
#9 Endosulfan I

R.T.: 6.070 min  
Delta R.T.: -0.064 min  
Response: 4585244  
Conc: 1.78 ng/ml



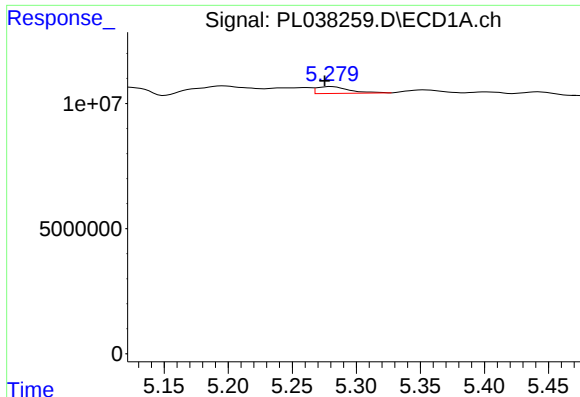
#10 gamma-Chlordane

R.T.: 5.196 min  
Delta R.T.: -0.023 min  
Response: 11355938  
Conc: 1.15 ng/ml



#10 gamma-Chlordane

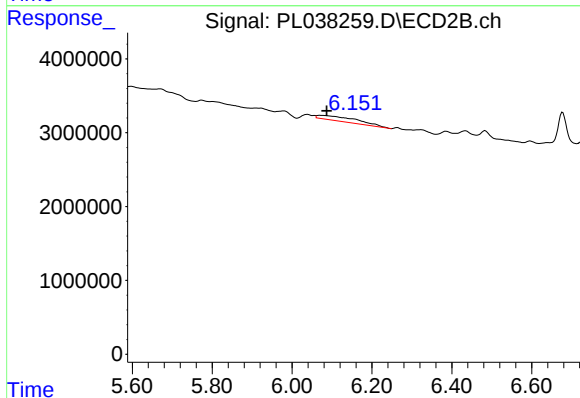
R.T.: 6.039 min  
Delta R.T.: 0.025 min  
Response: 153356  
Conc: 0.05 ng/ml



#11 alpha-Chlordane

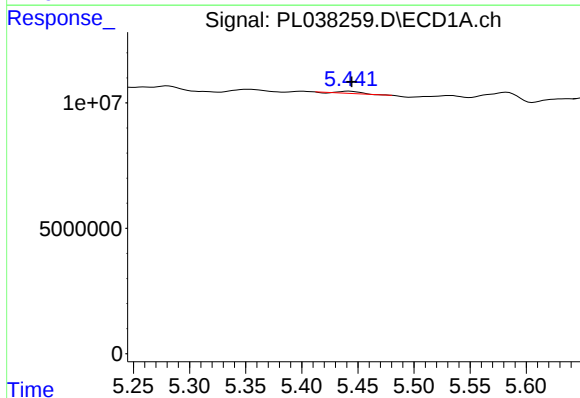
R.T.: 5.280 min  
Delta R.T.: 0.005 min  
Response: 4832550  
Conc: 0.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



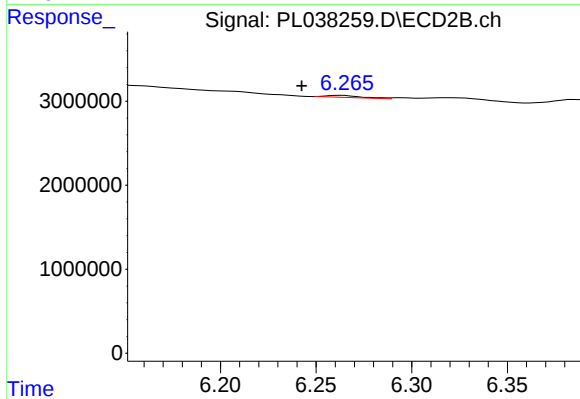
#11 alpha-Chlordane

R.T.: 6.070 min  
Delta R.T.: -0.017 min  
Response: 4585244  
Conc: 1.60 ng/ml



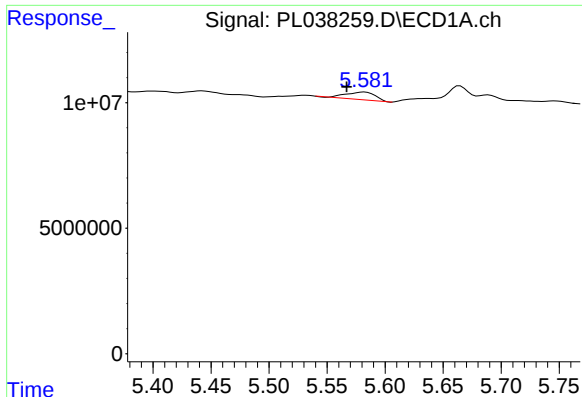
#12 4,4'-DDE

R.T.: 5.442 min  
Delta R.T.: -0.002 min  
Response: 753617  
Conc: 0.08 ng/ml



#12 4,4'-DDE

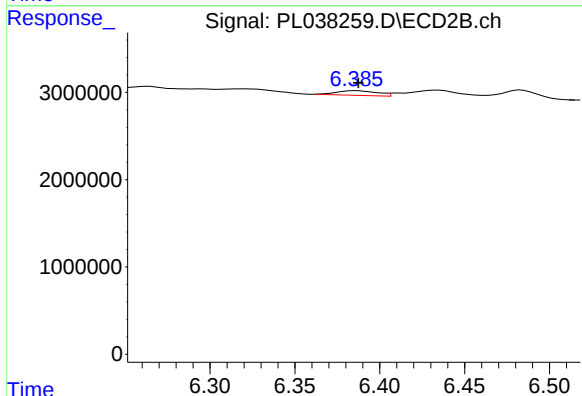
R.T.: 6.264 min  
Delta R.T.: 0.021 min  
Response: 318096  
Conc: 0.12 ng/ml



#13 Dieldrin

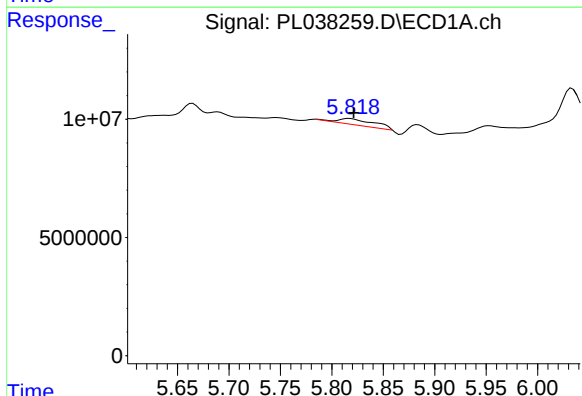
R.T.: 5.582 min  
Delta R.T.: 0.015 min  
Response: 5305256  
Conc: 0.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



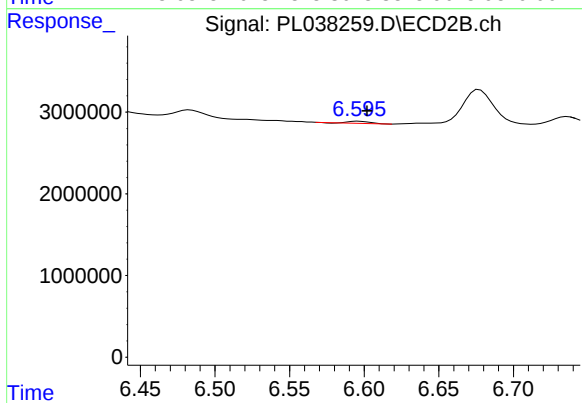
#13 Dieldrin

R.T.: 6.386 min  
Delta R.T.: -0.002 min  
Response: 893795  
Conc: 0.33 ng/ml



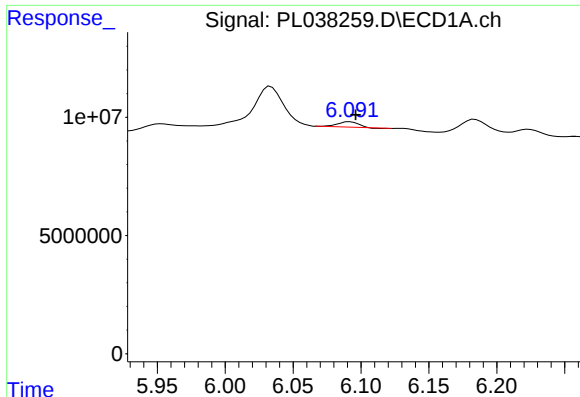
#14 Endrin

R.T.: 5.817 min  
Delta R.T.: -0.004 min  
Response: 5926055  
Conc: 0.68 ng/ml



#14 Endrin

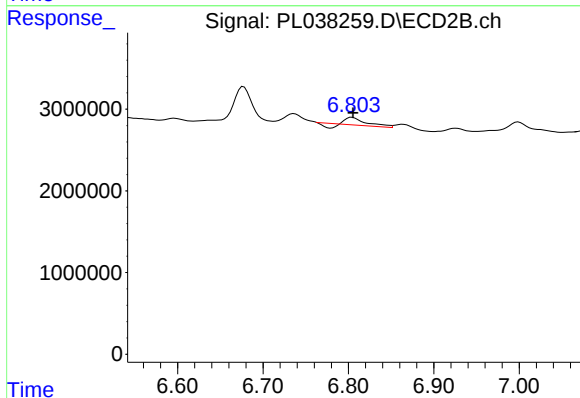
R.T.: 6.596 min  
Delta R.T.: -0.006 min  
Response: 251850  
Conc: 0.11 ng/ml



#15 Endosulfan II

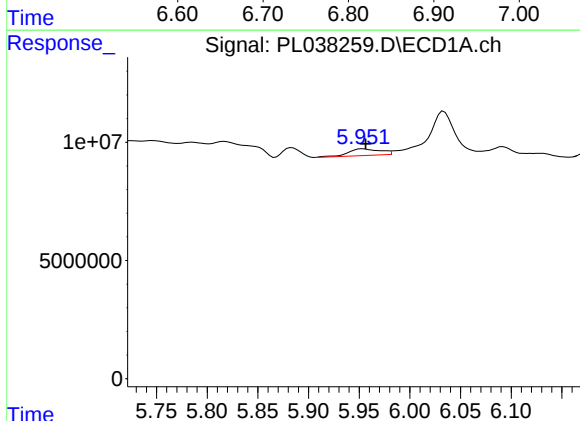
R.T.: 6.092 min  
Delta R.T.: -0.004 min  
Response: 2391991  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



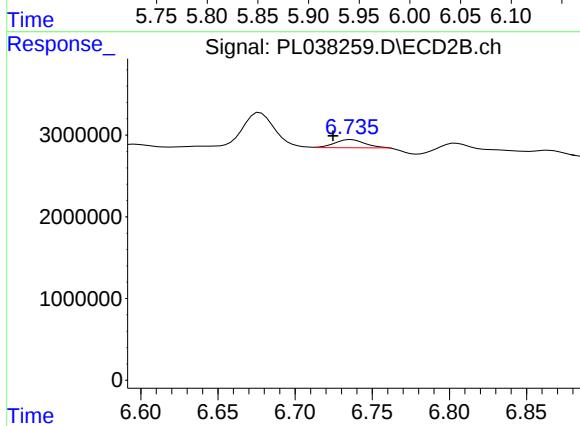
#15 Endosulfan II

R.T.: 6.805 min  
Delta R.T.: 0.000 min  
Response: 1132590  
Conc: 0.47 ng/ml



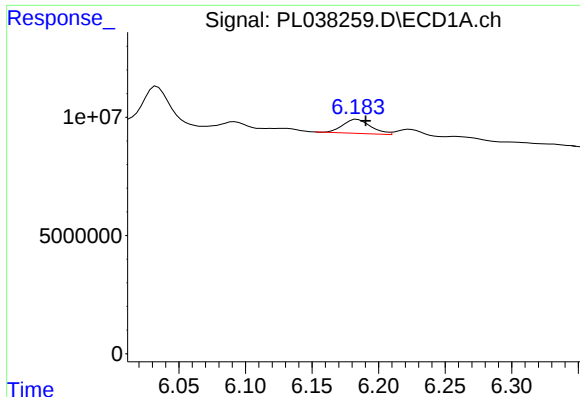
#16 4,4'-DDD

R.T.: 5.953 min  
Delta R.T.: -0.003 min  
Response: 6117285  
Conc: 0.83 ng/ml



#16 4,4'-DDD

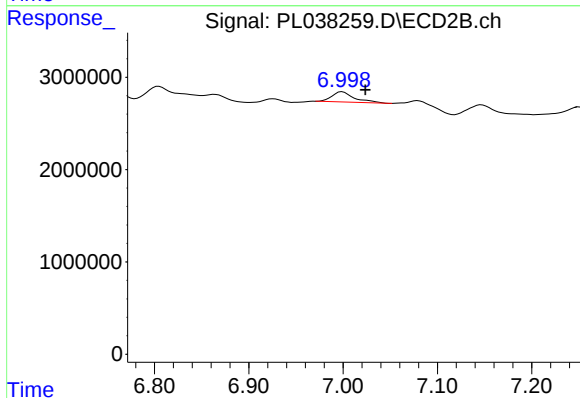
R.T.: 6.737 min  
Delta R.T.: 0.012 min  
Response: 1320735  
Conc: 0.62 ng/ml



#17 4,4'-DDT

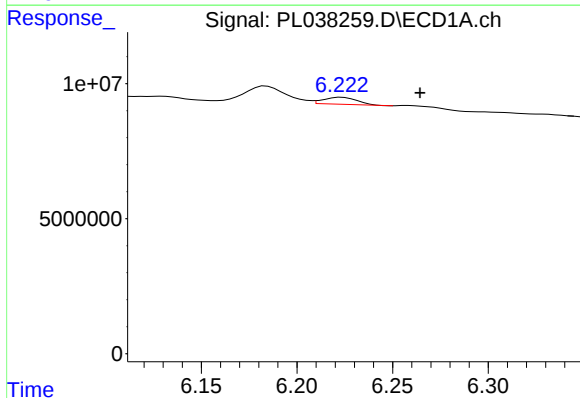
R.T.: 6.184 min  
Delta R.T.: -0.006 min  
Response: 8739812  
Conc: 1.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



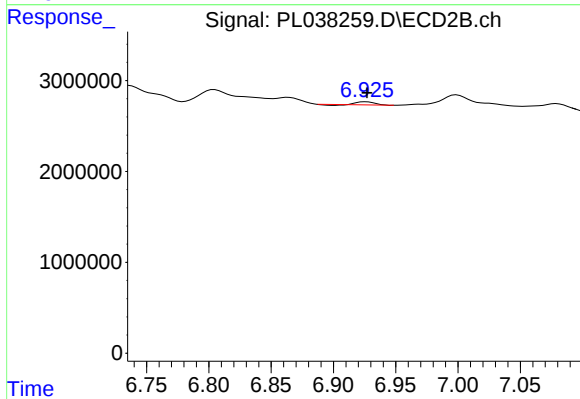
#17 4,4'-DDT

R.T.: 6.999 min  
Delta R.T.: -0.024 min  
Response: 1851946  
Conc: 0.87 ng/ml



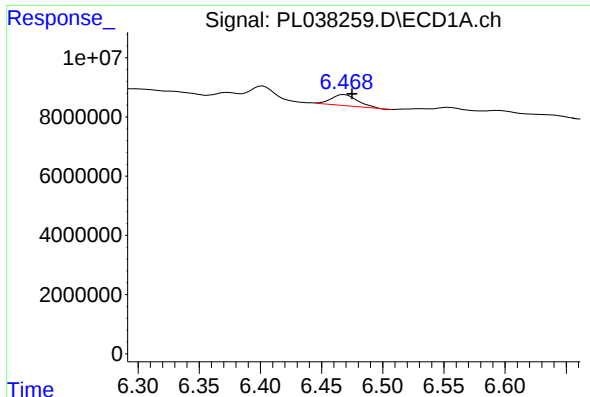
#18 Endrin aldehyde

R.T.: 6.223 min  
Delta R.T.: -0.041 min  
Response: 3152002  
Conc: 0.50 ng/ml



#18 Endrin aldehyde

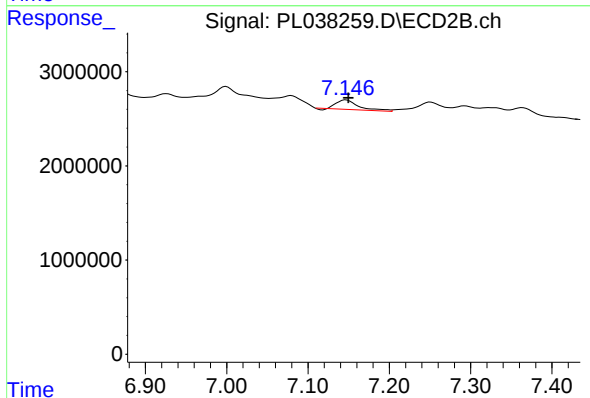
R.T.: 6.926 min  
Delta R.T.: -0.001 min  
Response: 315803  
Conc: 0.16 ng/ml



#19 Endosulfan Sulfate

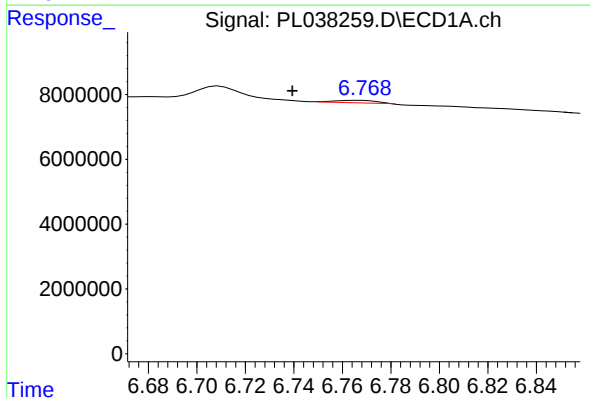
R.T.: 6.469 min  
Delta R.T.: -0.006 min  
Response: 5575886  
Conc: 0.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



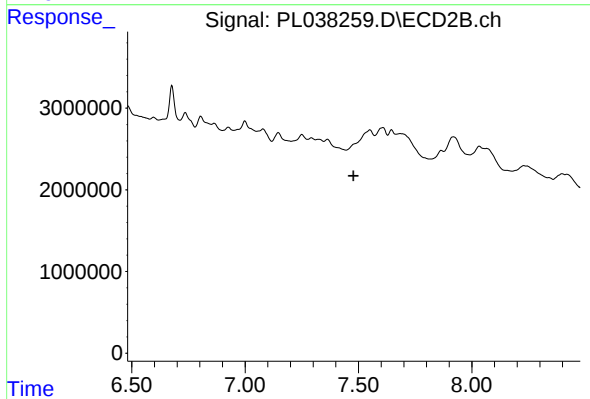
#19 Endosulfan Sulfate

R.T.: 7.147 min  
Delta R.T.: -0.002 min  
Response: 1880566  
Conc: 0.86 ng/ml



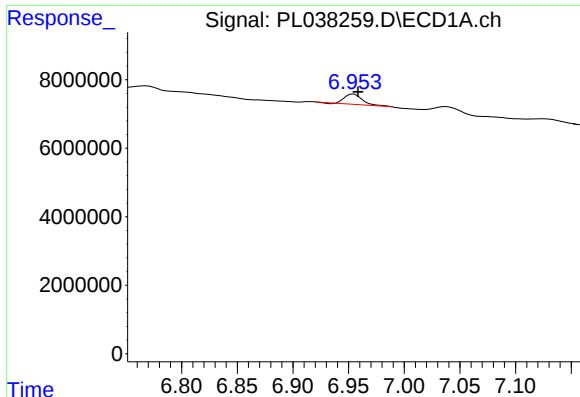
#20 Methoxychlor

R.T.: 6.767 min  
Delta R.T.: 0.028 min  
Response: 472806  
Conc: 0.12 ng/ml



#20 Methoxychlor

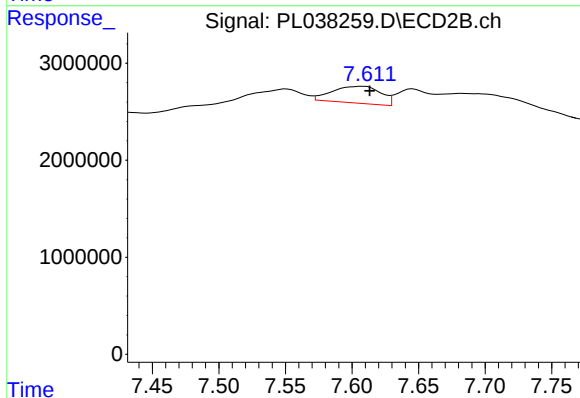
R.T.: 0.000 min  
Exp R.T.: 7.478 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

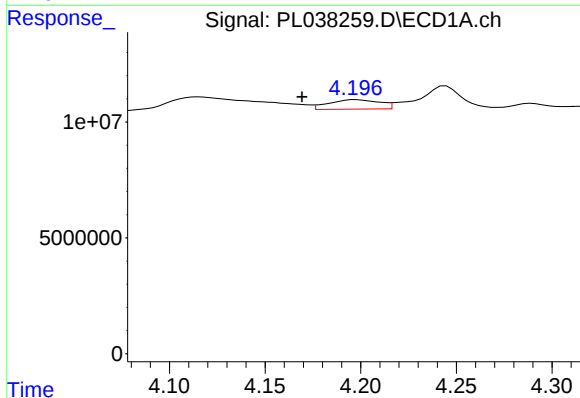
R.T.: 6.955 min  
Delta R.T.: -0.004 min  
Response: 3127838  
Conc: 0.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



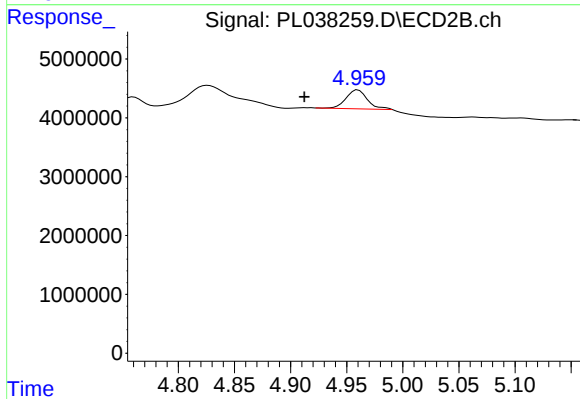
#21 Endrin ketone

R.T.: 7.609 min  
Delta R.T.: -0.005 min  
Response: 4426620  
Conc: 1.86 ng/ml



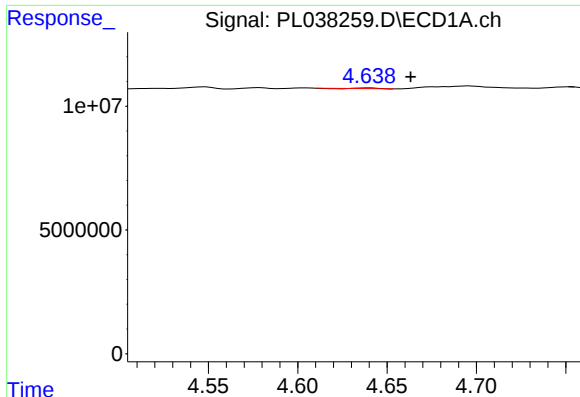
#23 Chlordane-1

R.T.: 4.197 min  
Delta R.T.: 0.028 min  
Response: 7441409  
Conc: 21.49 ng/ml



#23 Chlordane-1

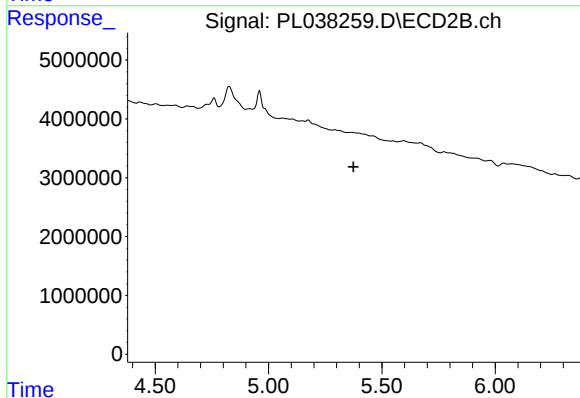
R.T.: 4.960 min  
Delta R.T.: 0.048 min  
Response: 4224681  
Conc: 36.46 ng/ml



#24 Chlordane-2

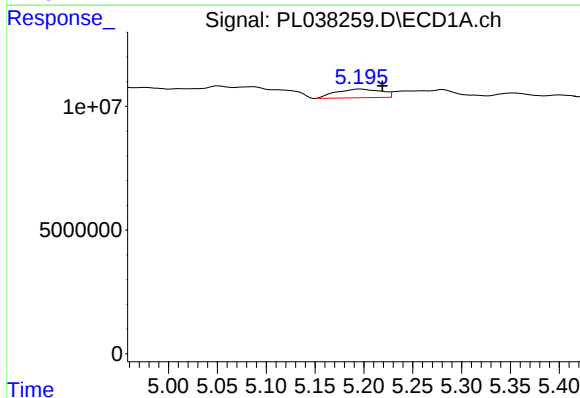
R.T.: 4.640 min  
Delta R.T.: -0.024 min  
Response: 122756  
Conc: 0.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



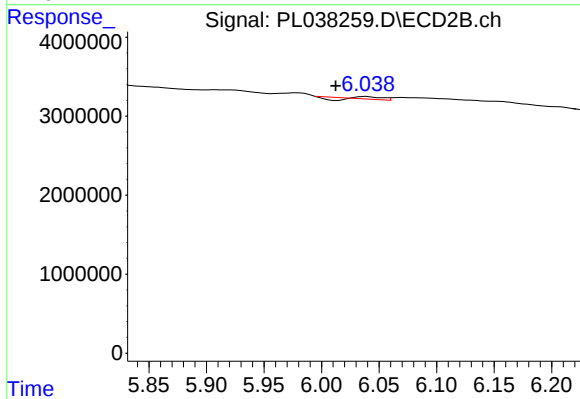
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.375 min  
Response: 0  
Conc: N.D.



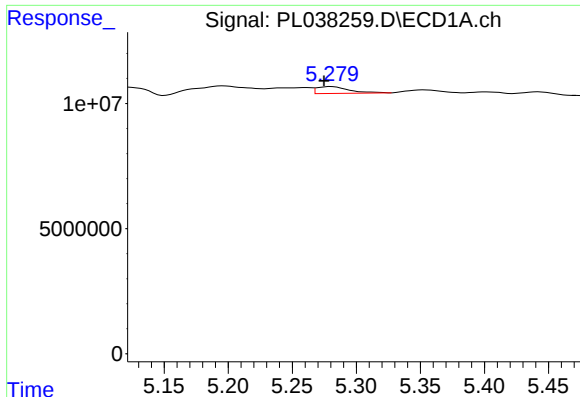
#25 Chlordane-3

R.T.: 5.196 min  
Delta R.T.: -0.023 min  
Response: 11355938  
Conc: 9.76 ng/ml



#25 Chlordane-3

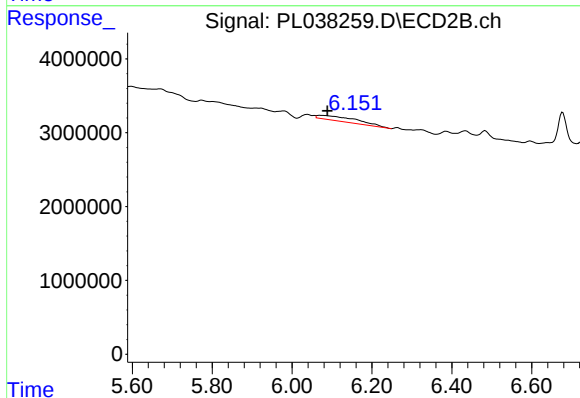
R.T.: 6.039 min  
Delta R.T.: 0.026 min  
Response: 153356  
Conc: 0.38 ng/ml



#26 Chlordane-4

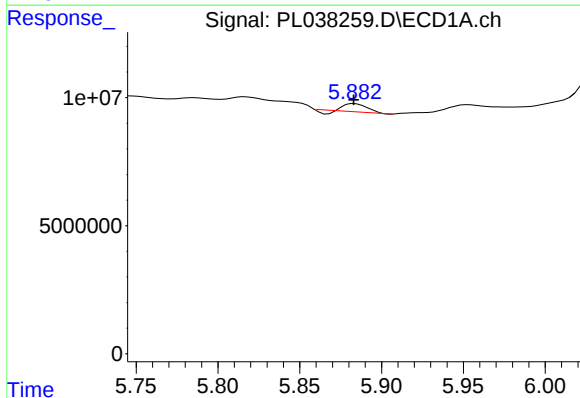
R.T.: 5.280 min  
Delta R.T.: 0.006 min  
Response: 4832550  
Conc: 4.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



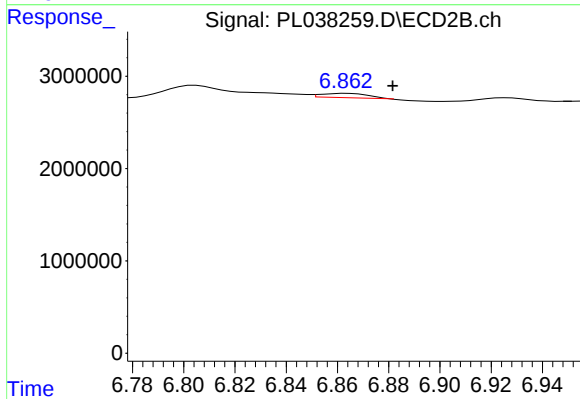
#26 Chlordane-4

R.T.: 6.070 min  
Delta R.T.: -0.019 min  
Response: 4585244  
Conc: 9.33 ng/ml



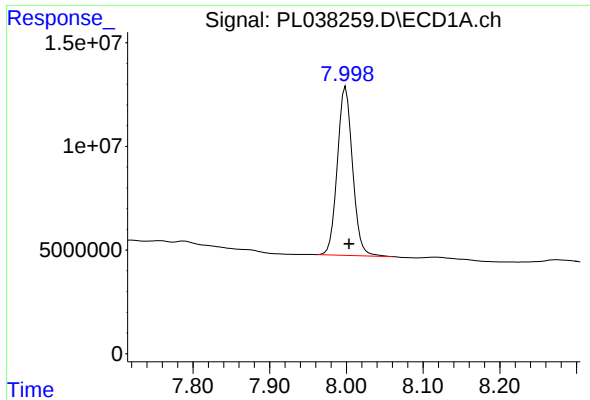
#27 Chlordane-5

R.T.: 5.883 min  
Delta R.T.: 0.000 min  
Response: 2592611  
Conc: 16.19 ng/ml



#27 Chlordane-5

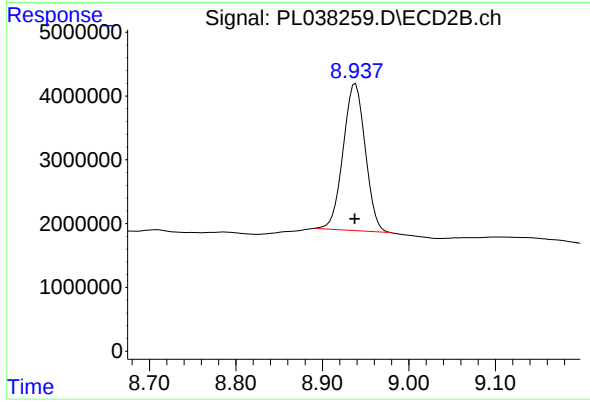
R.T.: 6.864 min  
Delta R.T.: -0.018 min  
Response: 525214  
Conc: 5.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.999 min  
Delta R.T.: -0.004 min  
Response: 111871455  
Conc: 14.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.938 min  
Delta R.T.: 0.000 min  
Response: 40670004  
Conc: 16.64 ng/ml