

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110322\  
 Data File : PL078790.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Nov 2022 17:45  
 Operator : AR\AJ  
 Sample : N5418-16  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 04 03:21:40 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  | 2.569  | 32596491 | 48467530 | 17.093 | 18.983   |
| 28)                         | SA Decachlor... | 8.770  | 7.634  | 25816499 | 34272507 | 17.161 | 18.094   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.756f | 3.086f | 502241   | 542780   | 0.175  | 0.137    |
| 3)                          | MA gamma-BHC... | 4.092f | 3.380  | 749706   | 1491603  | 0.281  | 0.415 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.691f | 0        | 6872609  | N.D.   | 1.982 #  |
| 5)                          | MB Aldrin       | 0.000  | 3.961f | 0        | 15259025 | N.D.   | 4.358 #  |
| 6)                          | B beta-BHC      | 4.316f | 3.691  | 4068971  | 6872609  | 3.532  | 4.790 #  |
| 7)                          | B delta-BHC     | 4.543f | 3.892  | 933806   | 5593683  | 0.410  | 1.536 #  |
| 8)                          | B Heptachlo...  | 5.457  | 4.471  | 1850425  | 2679726  | 0.872  | 0.889    |
| 9)                          | A Endosulfan I  | 5.844  | 4.863f | 409789   | 6697181  | 0.192  | 2.340 #  |
| 10)                         | B gamma-Chl...  | 5.708  | 4.743f | 3787721  | 9839912  | 1.678  | 3.211 #  |
| 11)                         | B alpha-Chl...  | 5.790  | 4.778  | 5631747  | 4118622  | 2.434  | 1.382 #  |
| 12)                         | B 4,4'-DDE      | 5.970  | 4.976  | 6820258  | 13974402 | 3.408  | 5.133 #  |
| 13)                         | MA Dieldrin     | 6.124  | 5.109  | 88477    | 5310178  | 0.041  | 1.792 #  |
| 14)                         | MA Endrin       | 0.000  | 5.386  | 0        | 2414317  | N.D.   | 0.927 #  |
| 15)                         | B Endosulfa...  | 6.570  | 5.674  | 141873   | 639222   | 0.076  | 0.281 #  |
| 16)                         | A 4,4'-DDD      | 6.491  | 5.527  | 2415232  | -154546  | 1.449  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.805  | 5.771  | 3631117  | 7196870  | 2.026  | 3.318 #  |
| 18)                         | B Endrin al...  | 0.000  | 5.847  | 0        | 125801   | N.D.   | 0.067 #  |
| 19)                         | B Endosulfa...  | 6.945  | 6.062  | 3833111  | 6337885  | 2.083  | 2.662 #  |
| 20)                         | A Methoxychlor  | 7.282  | 6.367  | 151737   | 3314225  | 0.165  | 2.921 #  |
| 22)                         | Mirex           | 7.878  | 6.743  | 452442   | 243848   | 0.310  | 0.124 #  |
| 23)                         | Chlordane-1     | 4.468  | 0.000  | 272115   | 0        | 3.473  | N.D. #   |
| 24)                         | Chlordane-2     | 0.000  | 4.115  | 0        | 4893778  | N.D.   | 45.983 # |
| 25)                         | Chlordane-3     | 5.708  | 4.743f | 3787721  | 9839912  | 11.339 | 32.285 # |
| 26)                         | Chlordane-4     | 5.790  | 4.778  | 5631747  | 4118622  | 13.718 | 12.604   |
| 27)                         | Chlordane-5     | 0.000  | 5.461  | 0        | 4306784  | N.D.   | 52.808 # |
| -----                       |                 |        |        |          |          |        |          |

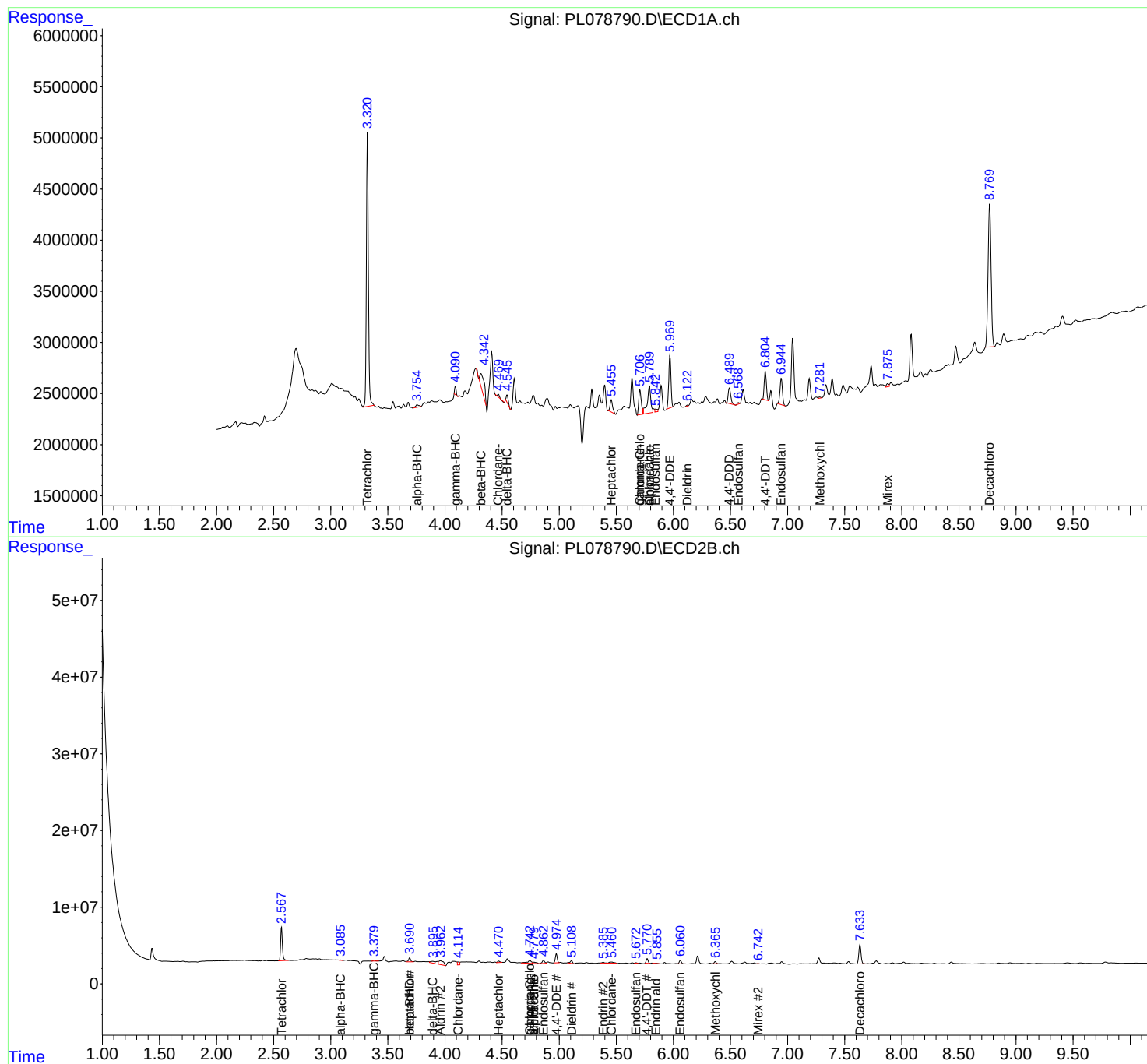
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

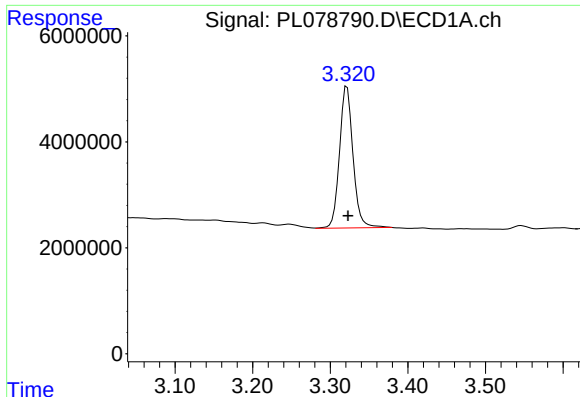
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110322\  
Data File : PL078790.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Nov 2022 17:45  
Operator : AR\AJ  
Sample : N5418-16  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 04 03:21:40 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

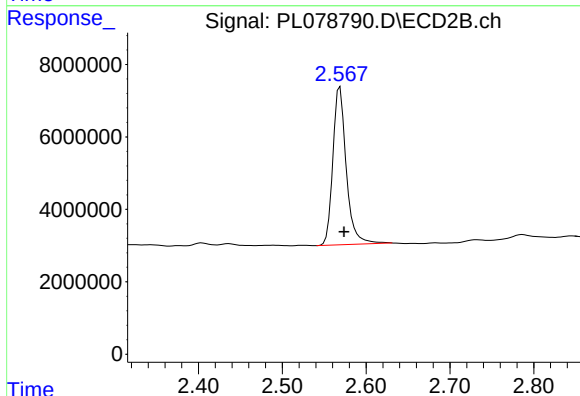




#1 Tetrachloro-m-xylene

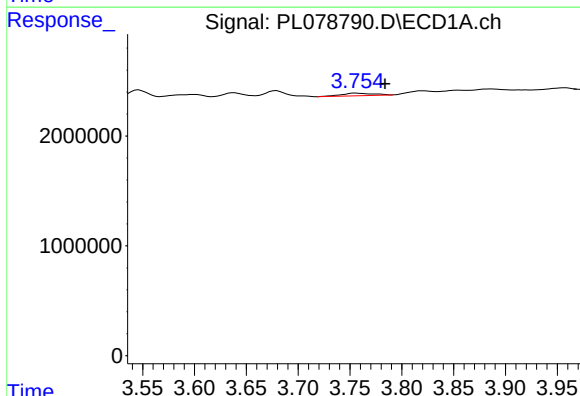
R.T.: 3.322 min  
Delta R.T.: -0.001 min  
Response: 32596491  
Conc: 17.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



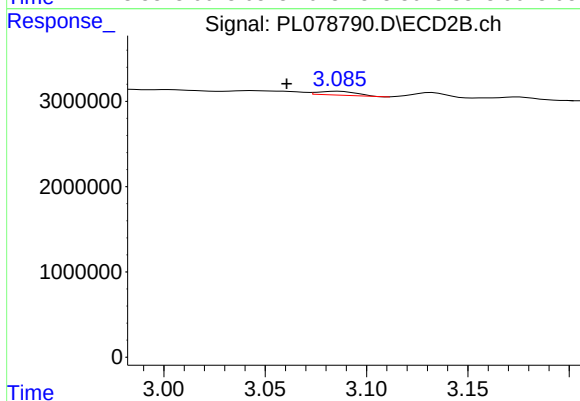
#1 Tetrachloro-m-xylene

R.T.: 2.569 min  
Delta R.T.: -0.005 min  
Response: 48467530  
Conc: 18.98 ng/ml



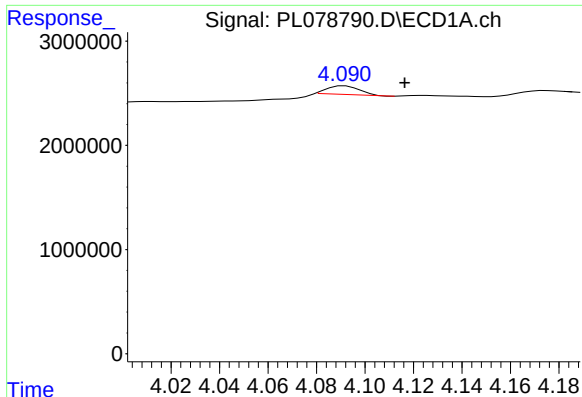
#2 alpha-BHC

R.T.: 3.756 min  
Delta R.T.: -0.028 min  
Response: 502241  
Conc: 0.17 ng/ml



#2 alpha-BHC

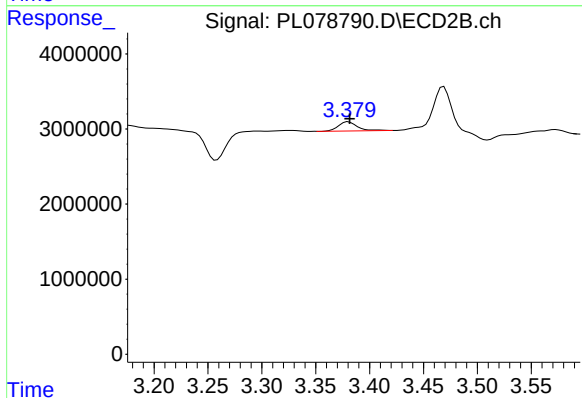
R.T.: 3.086 min  
Delta R.T.: 0.026 min  
Response: 542780  
Conc: 0.14 ng/ml



#3 gamma-BHC (Lindane)

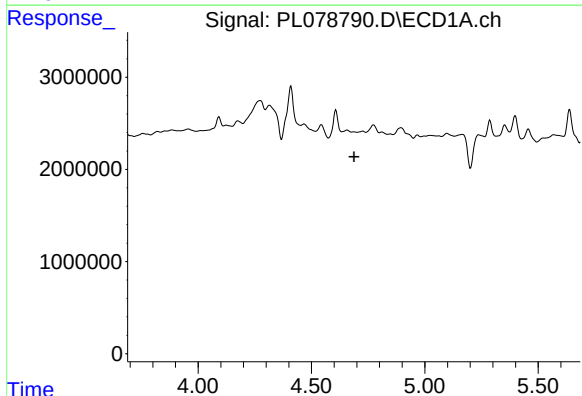
R.T.: 4.092 min  
Delta R.T.: -0.025 min  
Response: 749706  
Conc: 0.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



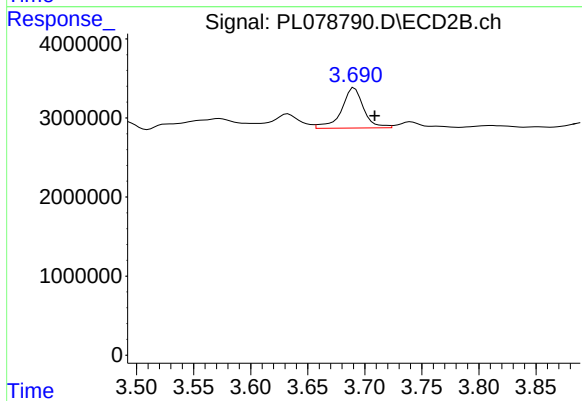
#3 gamma-BHC (Lindane)

R.T.: 3.380 min  
Delta R.T.: -0.001 min  
Response: 1491603  
Conc: 0.42 ng/ml



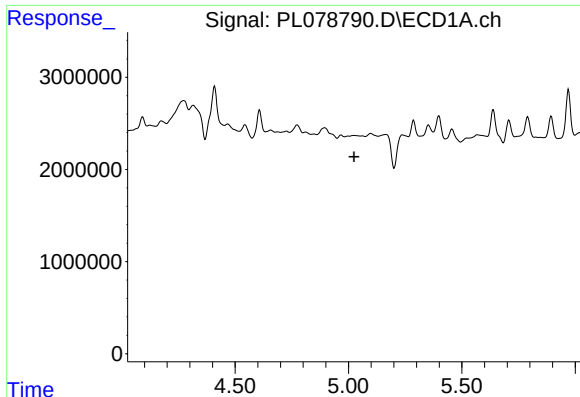
#4 Heptachlor

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



#4 Heptachlor

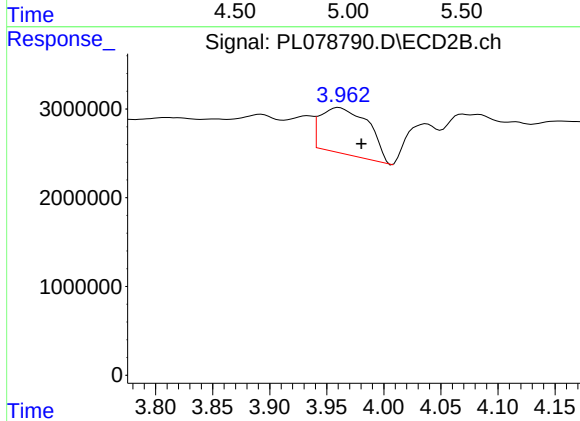
R.T.: 3.691 min  
Delta R.T.: -0.018 min  
Response: 6872609  
Conc: 1.98 ng/ml



#5 Aldrin

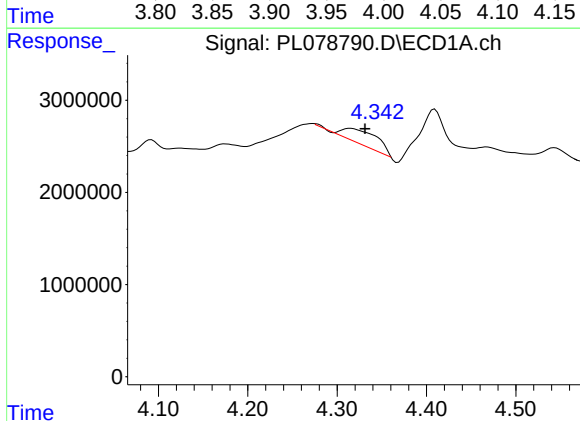
R.T.: 0.000 min  
Exp R.T.: 5.025 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



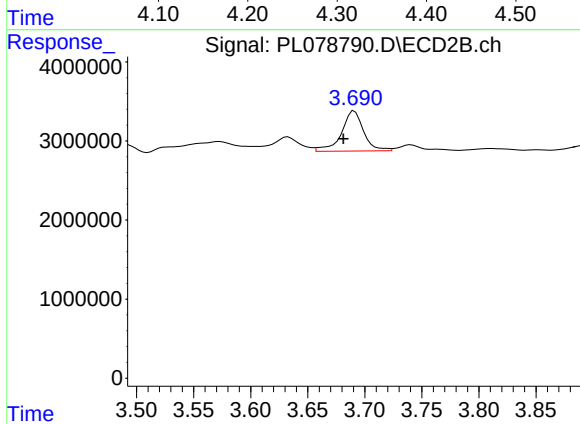
#5 Aldrin

R.T.: 3.961 min  
Delta R.T.: -0.020 min  
Response: 15259025  
Conc: 4.36 ng/ml



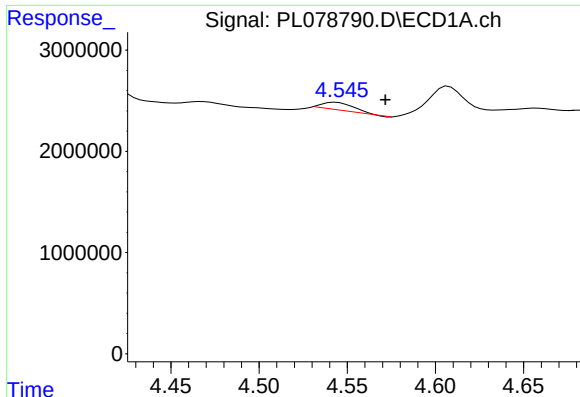
#6 beta-BHC

R.T.: 4.316 min  
Delta R.T.: -0.016 min  
Response: 4068971  
Conc: 3.53 ng/ml



#6 beta-BHC

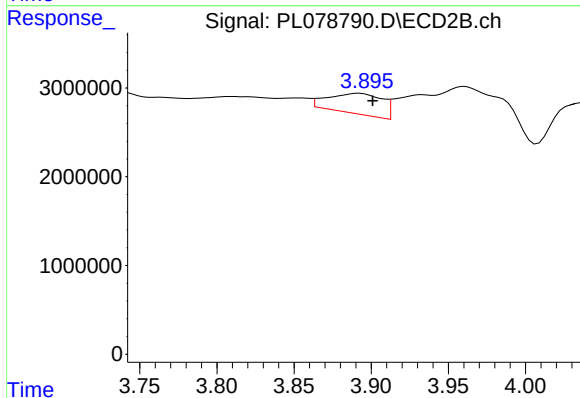
R.T.: 3.691 min  
Delta R.T.: 0.010 min  
Response: 6872609  
Conc: 4.79 ng/ml



#7 delta-BHC

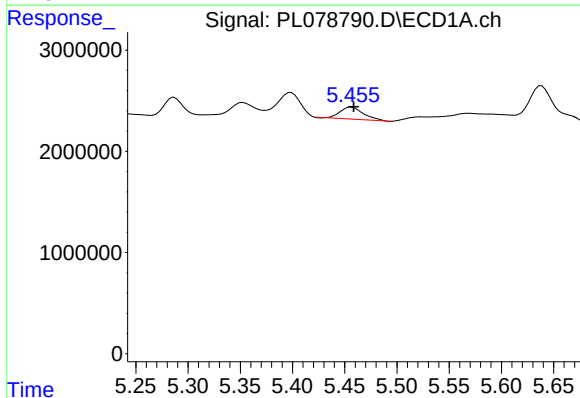
R.T.: 4.543 min  
Delta R.T.: -0.028 min  
Response: 933806  
Conc: 0.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



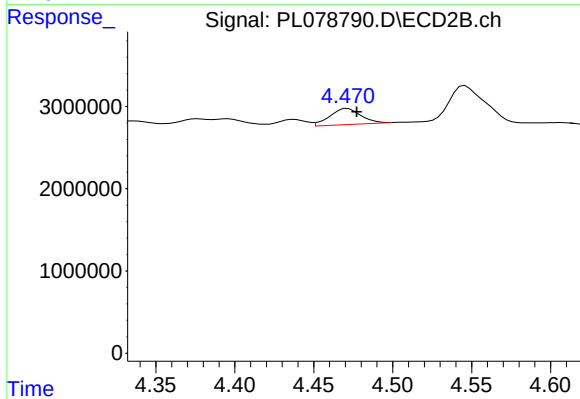
#7 delta-BHC

R.T.: 3.892 min  
Delta R.T.: -0.008 min  
Response: 5593683  
Conc: 1.54 ng/ml



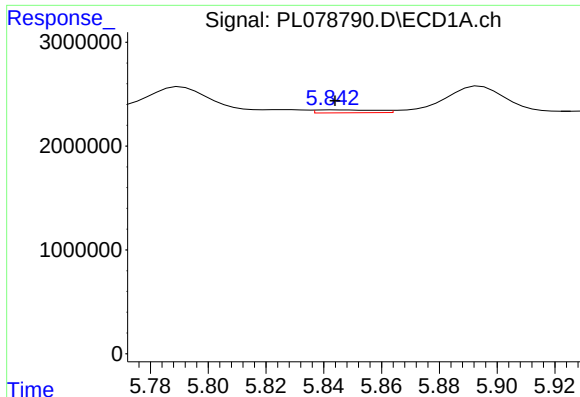
#8 Heptachlor epoxide

R.T.: 5.457 min  
Delta R.T.: -0.002 min  
Response: 1850425  
Conc: 0.87 ng/ml



#8 Heptachlor epoxide

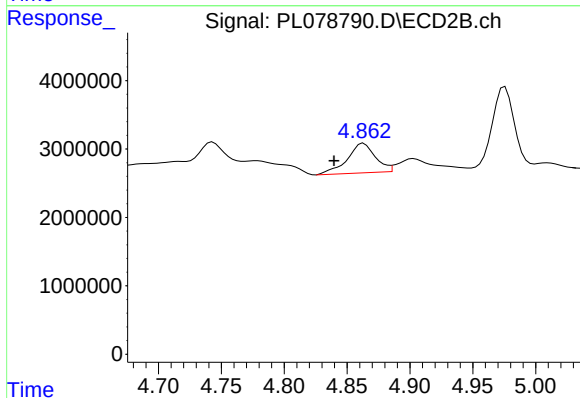
R.T.: 4.471 min  
Delta R.T.: -0.006 min  
Response: 2679726  
Conc: 0.89 ng/ml



#9 Endosulfan I

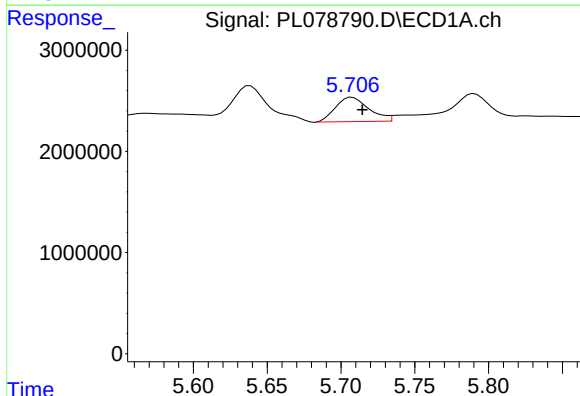
R.T.: 5.844 min  
Delta R.T.: 0.000 min  
Response: 409789  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



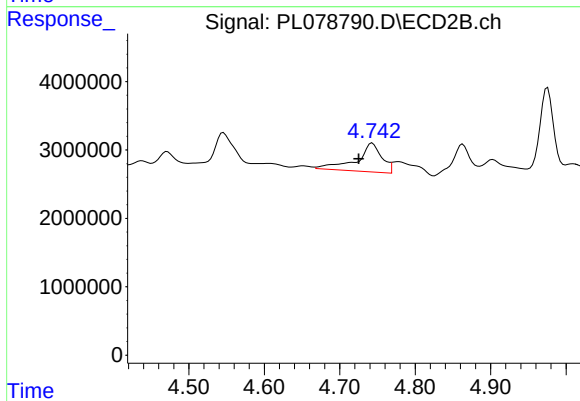
#9 Endosulfan I

R.T.: 4.863 min  
Delta R.T.: 0.023 min  
Response: 6697181  
Conc: 2.34 ng/ml



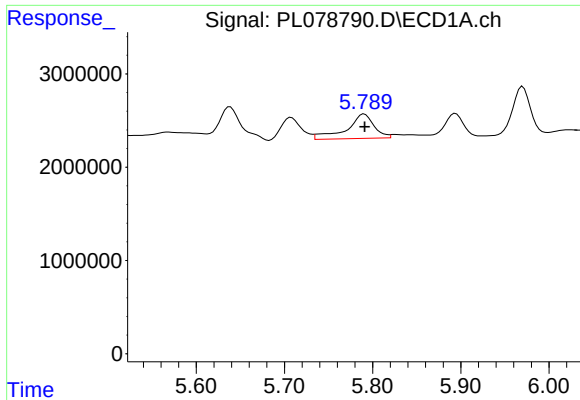
#10 gamma-Chlordane

R.T.: 5.708 min  
Delta R.T.: -0.007 min  
Response: 3787721  
Conc: 1.68 ng/ml



#10 gamma-Chlordane

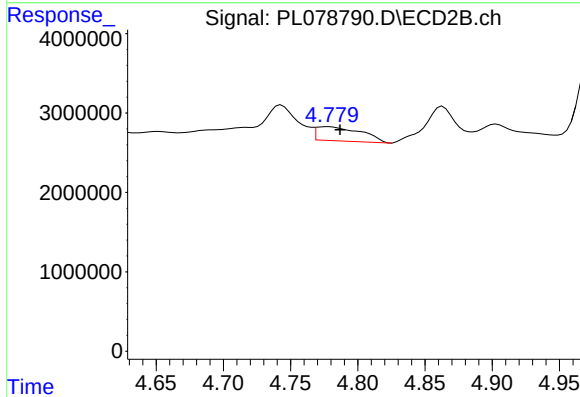
R.T.: 4.743 min  
Delta R.T.: 0.018 min  
Response: 9839912  
Conc: 3.21 ng/ml



#11 alpha-Chlordane

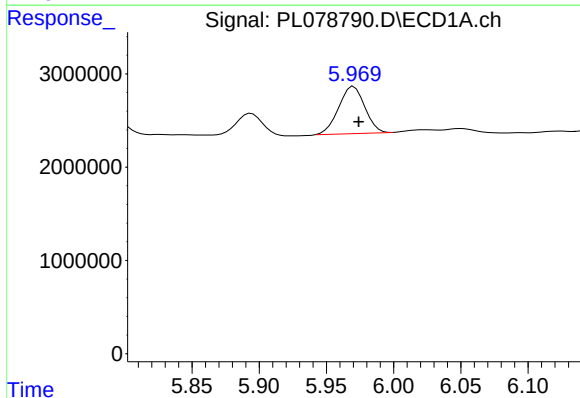
R.T.: 5.790 min  
Delta R.T.: 0.000 min  
Response: 5631747  
Conc: 2.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



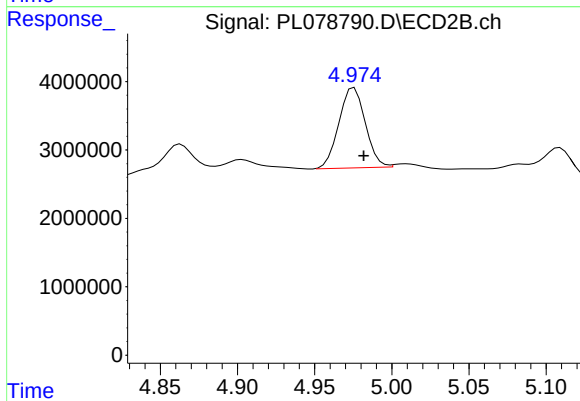
#11 alpha-Chlordane

R.T.: 4.778 min  
Delta R.T.: -0.009 min  
Response: 4118622  
Conc: 1.38 ng/ml



#12 4,4'-DDE

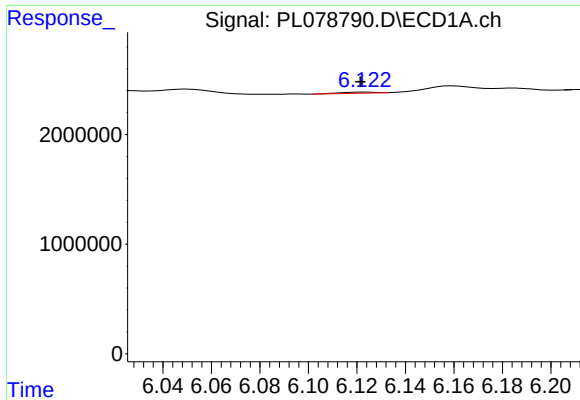
R.T.: 5.970 min  
Delta R.T.: -0.004 min  
Response: 6820258  
Conc: 3.41 ng/ml



#12 4,4'-DDE

R.T.: 4.976 min  
Delta R.T.: -0.006 min  
Response: 13974402  
Conc: 5.13 ng/ml

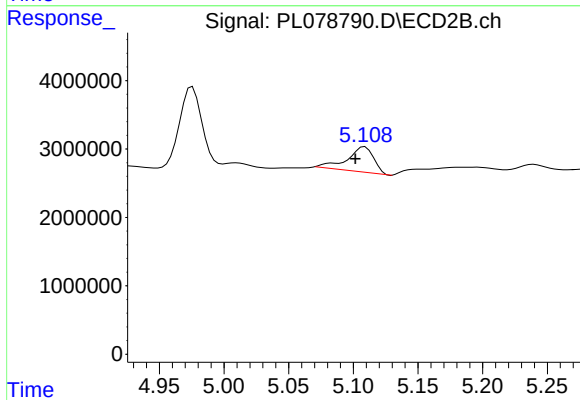




#13 Dieldrin

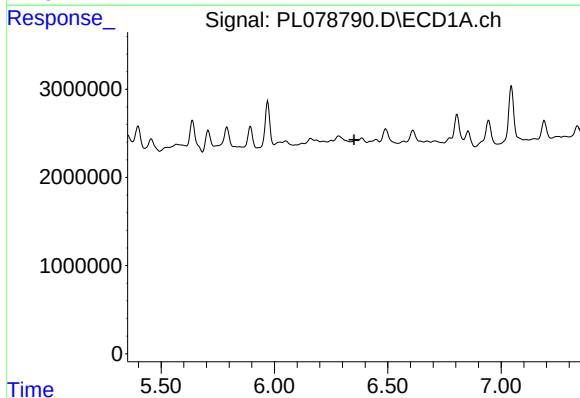
R.T.: 6.124 min  
Delta R.T.: 0.002 min  
Response: 88477  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



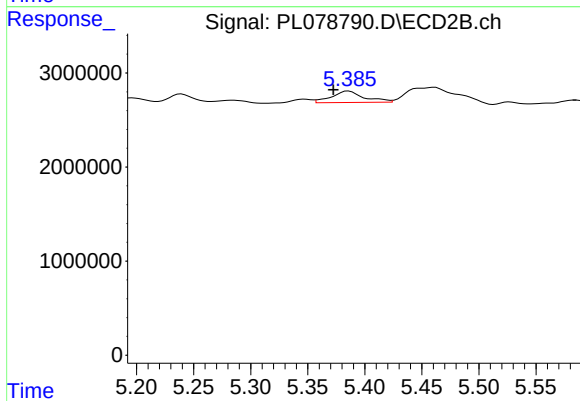
#13 Dieldrin

R.T.: 5.109 min  
Delta R.T.: 0.007 min  
Response: 5310178  
Conc: 1.79 ng/ml



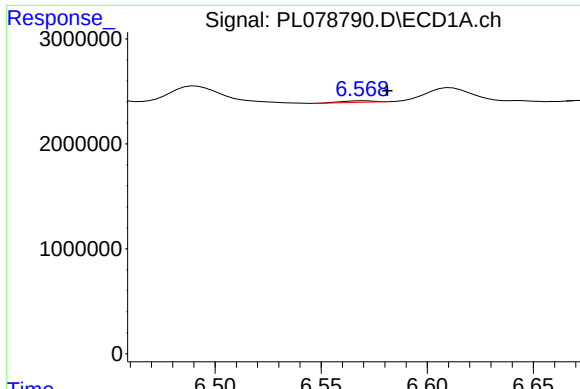
#14 Endrin

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



#14 Endrin

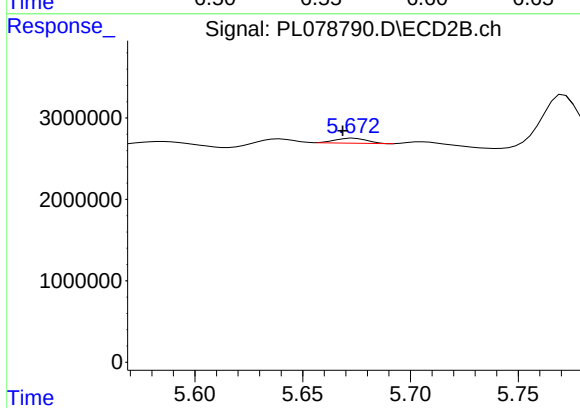
R.T.: 5.386 min  
Delta R.T.: 0.013 min  
Response: 2414317  
Conc: 0.93 ng/ml



#15 Endosulfan II

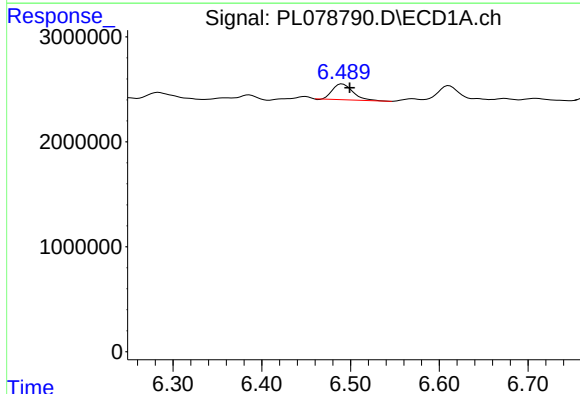
R.T.: 6.570 min  
Delta R.T.: -0.012 min  
Response: 141873  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



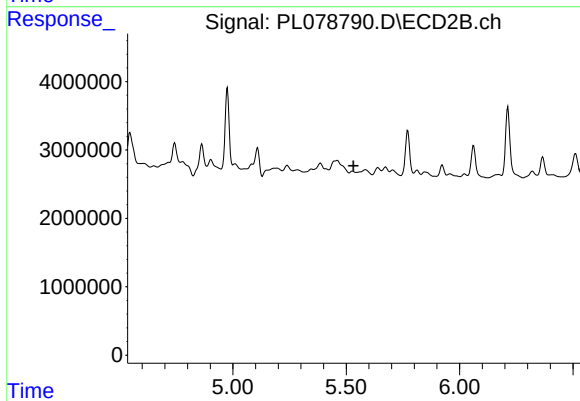
#15 Endosulfan II

R.T.: 5.674 min  
Delta R.T.: 0.005 min  
Response: 639222  
Conc: 0.28 ng/ml



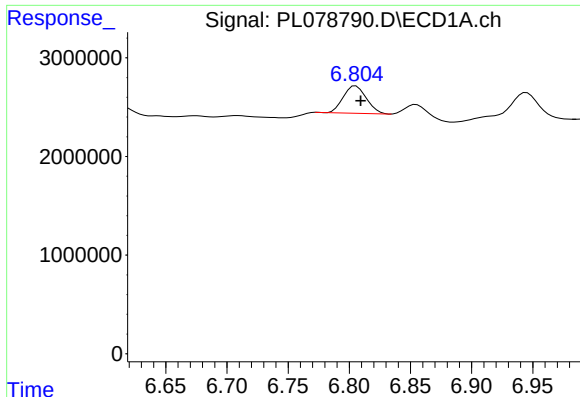
#16 4,4'-DDD

R.T.: 6.491 min  
Delta R.T.: -0.008 min  
Response: 2415232  
Conc: 1.45 ng/ml



#16 4,4'-DDD

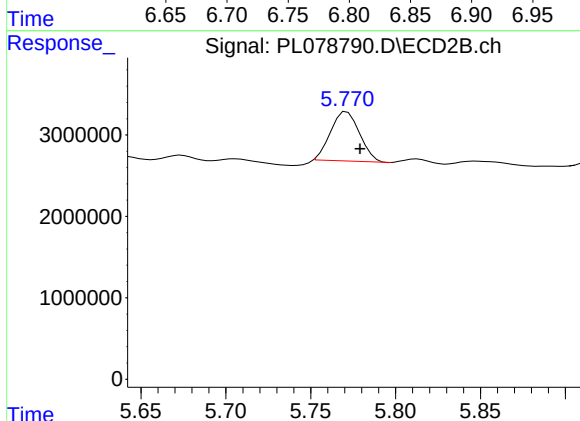
R.T.: 5.527 min  
Delta R.T.: -0.005 min  
Response: -154546  
Conc: N.D.



#17 4,4'-DDT

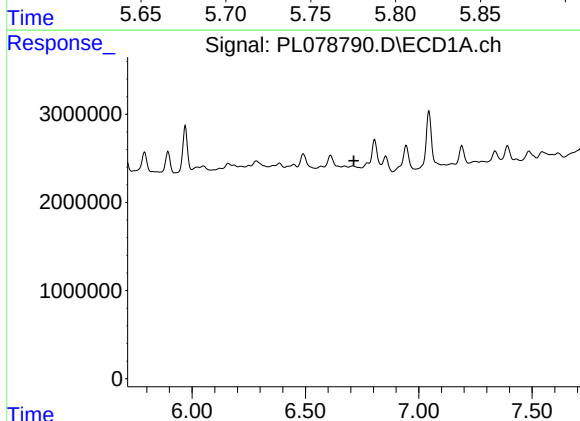
R.T.: 6.805 min  
Delta R.T.: -0.004 min  
Response: 3631117  
Conc: 2.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



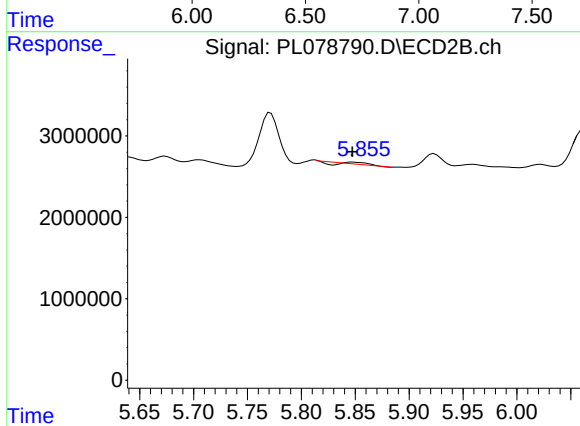
#17 4,4'-DDT

R.T.: 5.771 min  
Delta R.T.: -0.008 min  
Response: 7196870  
Conc: 3.32 ng/ml



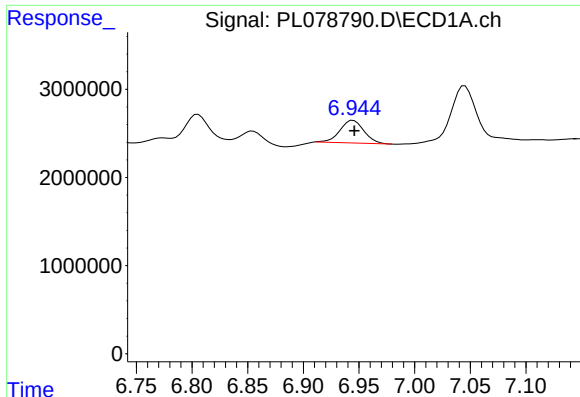
#18 Endrin aldehyde

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



#18 Endrin aldehyde

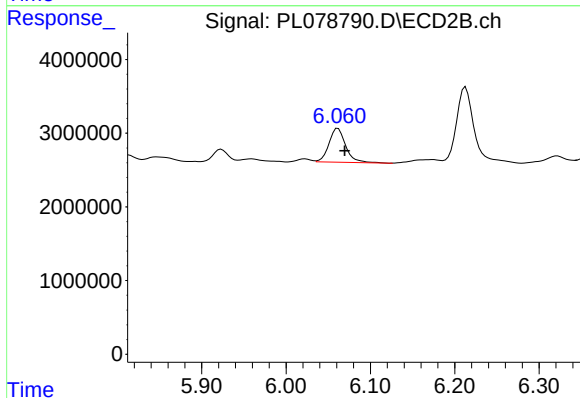
R.T.: 5.847 min  
Delta R.T.: 0.000 min  
Response: 125801  
Conc: 0.07 ng/ml



#19 Endosulfan Sulfate

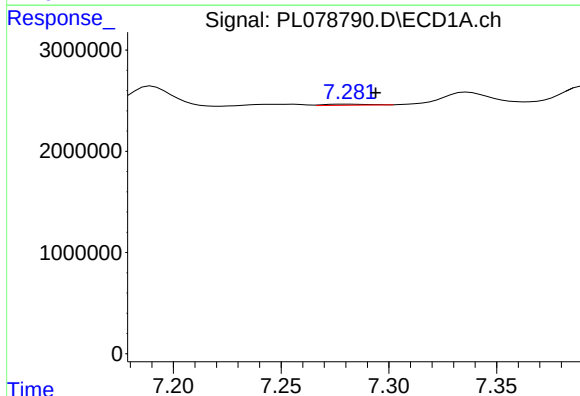
R.T.: 6.945 min  
Delta R.T.: 0.000 min  
Response: 3833111  
Conc: 2.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



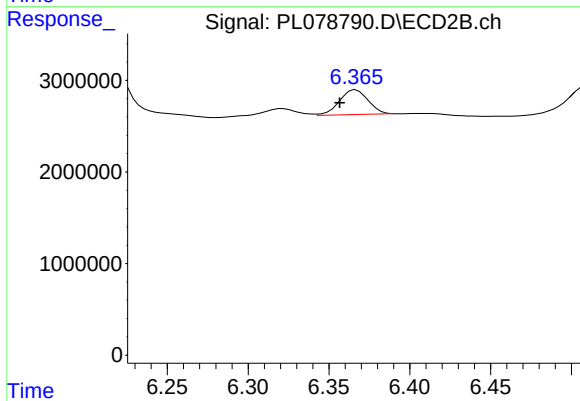
#19 Endosulfan Sulfate

R.T.: 6.062 min  
Delta R.T.: -0.008 min  
Response: 6337885  
Conc: 2.66 ng/ml



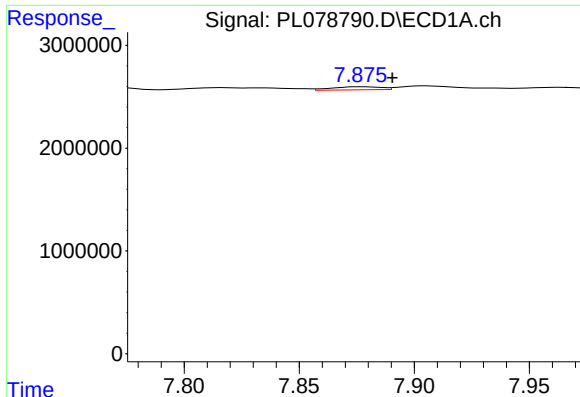
#20 Methoxychlor

R.T.: 7.282 min  
Delta R.T.: -0.012 min  
Response: 151737  
Conc: 0.16 ng/ml



#20 Methoxychlor

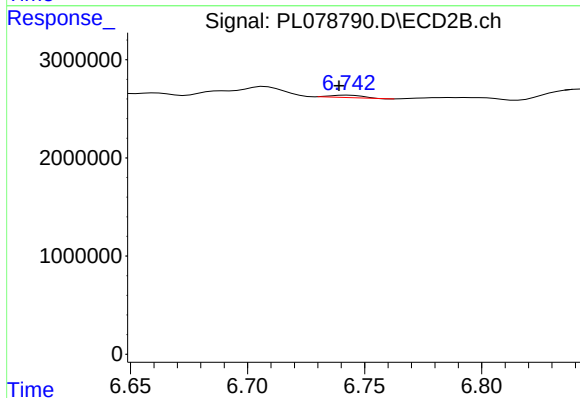
R.T.: 6.367 min  
Delta R.T.: 0.010 min  
Response: 3314225  
Conc: 2.92 ng/ml



#22 Mirex

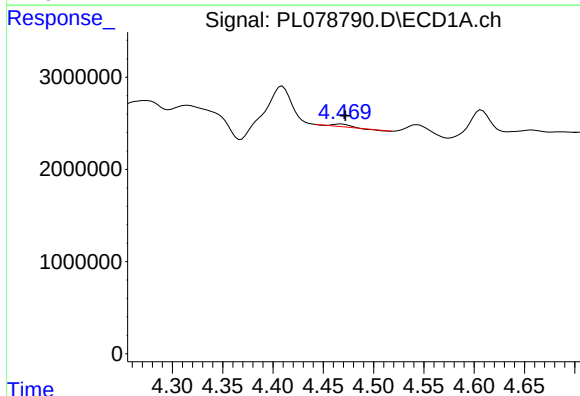
R.T.: 7.878 min  
Delta R.T.: -0.013 min  
Response: 452442  
Conc: 0.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



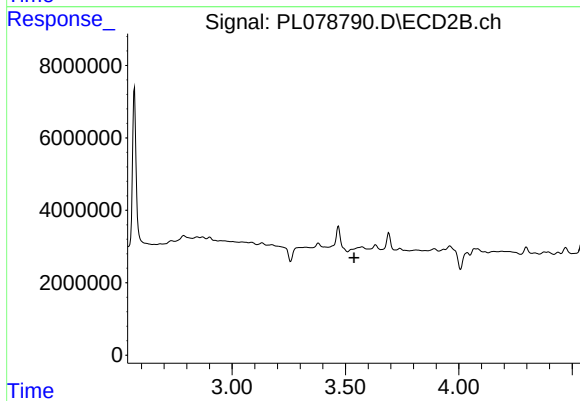
#22 Mirex

R.T.: 6.743 min  
Delta R.T.: 0.004 min  
Response: 243848  
Conc: 0.12 ng/ml



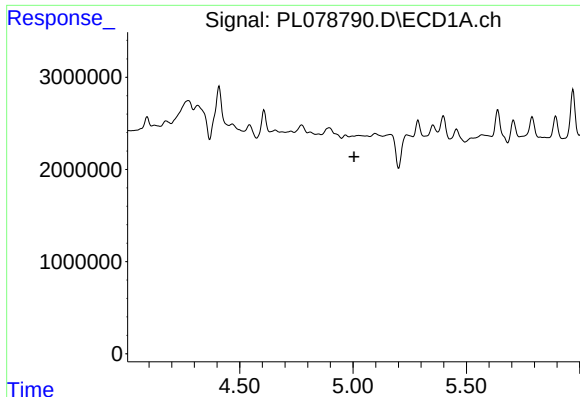
#23 Chlordane-1

R.T.: 4.468 min  
Delta R.T.: -0.005 min  
Response: 272115  
Conc: 3.47 ng/ml



#23 Chlordane-1

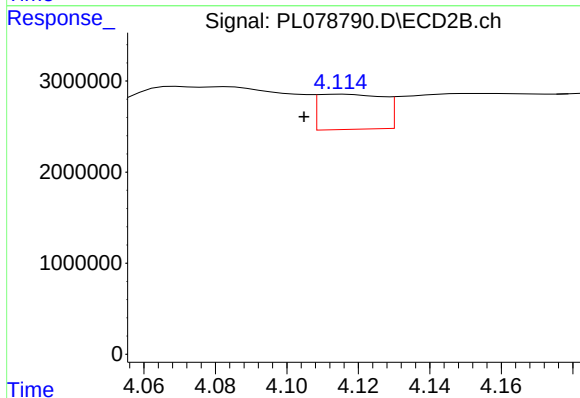
R.T.: 0.000 min  
Exp R.T. : 3.538 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

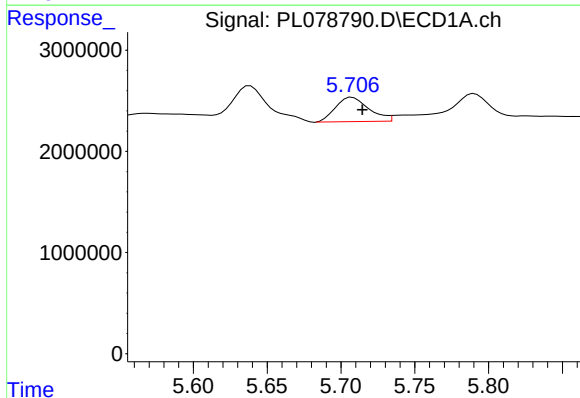
R.T.: 0.000 min  
Exp R.T.: 5.005 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



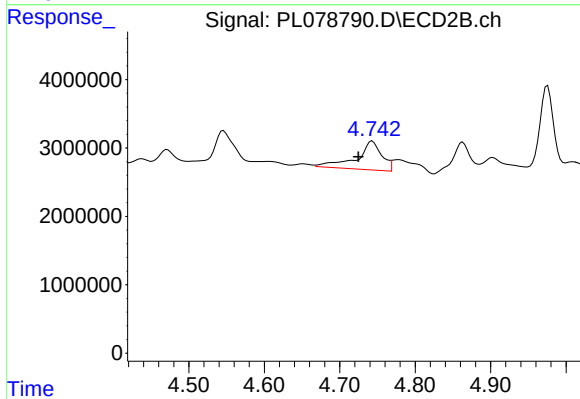
#24 Chlordane-2

R.T.: 4.115 min  
Delta R.T.: 0.011 min  
Response: 4893778  
Conc: 45.98 ng/ml



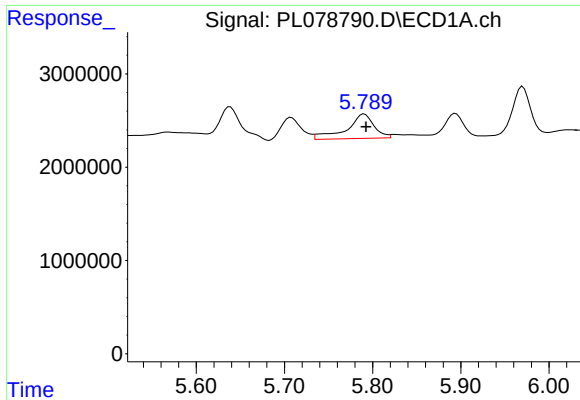
#25 Chlordane-3

R.T.: 5.708 min  
Delta R.T.: -0.007 min  
Response: 3787721  
Conc: 11.34 ng/ml



#25 Chlordane-3

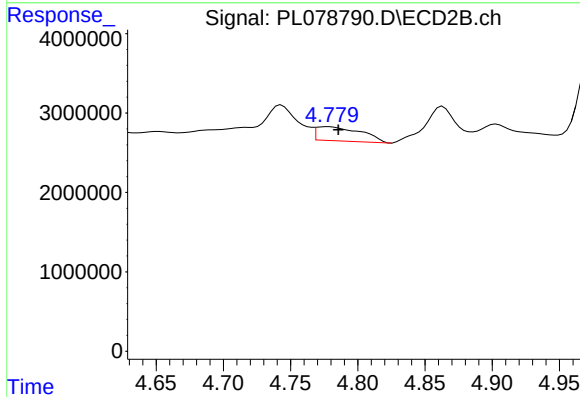
R.T.: 4.743 min  
Delta R.T.: 0.018 min  
Response: 9839912  
Conc: 32.28 ng/ml



#26 Chlordane-4

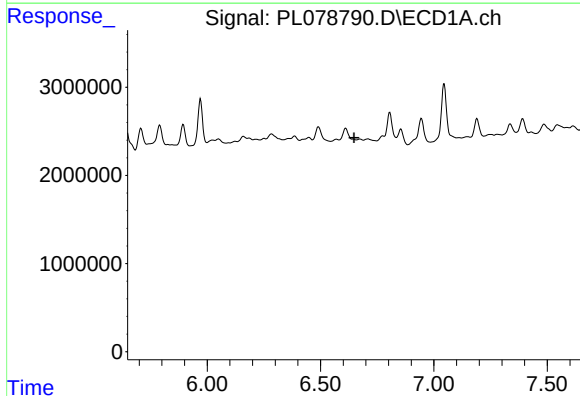
R.T.: 5.790 min  
Delta R.T.: -0.002 min  
Response: 5631747  
Conc: 13.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



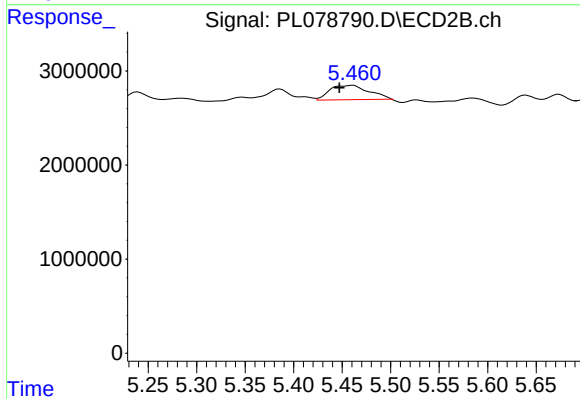
#26 Chlordane-4

R.T.: 4.778 min  
Delta R.T.: -0.007 min  
Response: 4118622  
Conc: 12.60 ng/ml



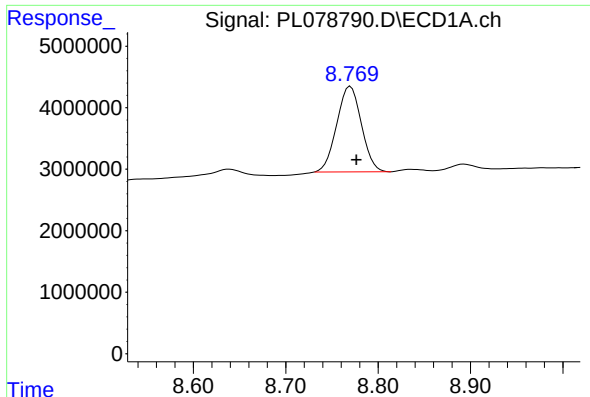
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.649 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

R.T.: 5.461 min  
Delta R.T.: 0.014 min  
Response: 4306784  
Conc: 52.81 ng/ml



#28 Decachlorobiphenyl

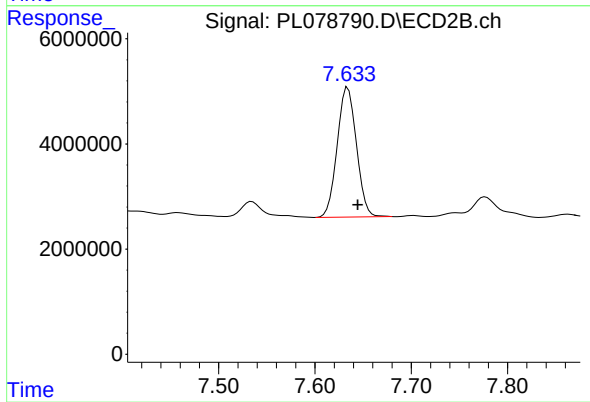
R.T.: 8.770 min

Delta R.T.: -0.006 min

Response: 25816499

Conc: 17.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.634 min

Delta R.T.: -0.010 min

Response: 34272507

Conc: 18.09 ng/ml