

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL093022\  
 Data File : PL078022.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Sep 2022 19:55  
 Operator : AR\AJ  
 Sample : PTOXCCC500  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 30 23:45:53 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 13 13:26:11 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... | 3.414  | 2.622  | 91852527 | 152.3E6  | 57.301  | 51.291   |
| 28)                         | SA Decachlor... | 8.900  | 7.718  | 75538446 | 117.3E6  | 58.447  | 46.709   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.879  | 3.114  | 602693   | 1885018  | 0.254   | 0.416 #  |
| 3)                          | MA gamma-BHC... | 4.213  | 3.434  | 205396   | 1489138  | 0.093   | 0.369 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.799f | 0        | 572760   | N.D.    | 0.145 #  |
| 5)                          | MB Aldrin       | 5.111f | 4.055  | 251210   | 180058   | 0.126   | 0.047 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.740  | 0        | 627060   | N.D.    | 0.377 #  |
| 7)                          | B delta-BHC     | 4.667  | 3.945f | 309266   | 1428628  | 0.151   | 0.352 #  |
| 8)                          | B Heptachlo...  | 5.563  | 4.543  | 1643949  | 1746822  | 0.943   | 0.517 #  |
| 9)                          | A Endosulfan I  | 5.957  | 0.000  | 80823    | 0        | 0.050   | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.837  | 4.817f | 1332341  | 16468705 | 0.761   | 4.832 #  |
| 11)                         | B alpha-Chl...  | 5.877f | 4.883f | 1039976  | 2043533  | 0.602   | 0.617    |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.030f | 0        | 6986534  | N.D.    | 2.147 #  |
| 13)                         | MA Dieldrin     | 6.239  | 5.165  | 2761873  | 2319     | 1.711   | 0.001 #  |
| 14)                         | MA Endrin       | 6.467  | 5.466f | 692913   | 4799038  | 0.501   | 1.683 #  |
| 15)                         | B Endosulfa...  | 6.695  | 5.738  | 7449630  | 5013041  | 5.393   | 1.902 #  |
| 16)                         | A 4,4'-DDD      | 6.591  | 5.609  | 914908   | -433809  | 0.781   | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.941f | 5.845  | 4659726  | 2352463  | 3.677   | 0.893 #  |
| 18)                         | B Endrin al...  | 6.825  | 5.928  | 485874   | 6017693  | 0.459   | 2.916 #  |
| 19)                         | B Endosulfa...  | 7.067  | 6.135  | 677495   | 2459488  | 0.529   | 0.915 #  |
| 21)                         | B Endrin ke...  | 7.568f | 6.653  | -75494   | 3852758  | N.D.    | 1.272    |
| 22)                         | Mirex           | 0.000  | 6.842f | 0        | 30539991 | N.D.    | 14.206 # |
| 24)                         | Chlordane-2     | 5.111  | 4.187f | 251210   | 1349575  | 3.768   | 11.266 # |
| 25)                         | Chlordane-3     | 5.837f | 4.817f | 1332341  | 16468705 | 5.410   | 47.876 # |
| 26)                         | Chlordane-4     | 5.877f | 4.883f | 1039976  | 2043533  | 3.495   | 5.632 #  |
| 27)                         | Chlordane-5     | 6.740f | 5.524  | 9966585  | 412764   | 200.683 | 4.387 #  |
| -----                       |                 |        |        |          |          |         |          |

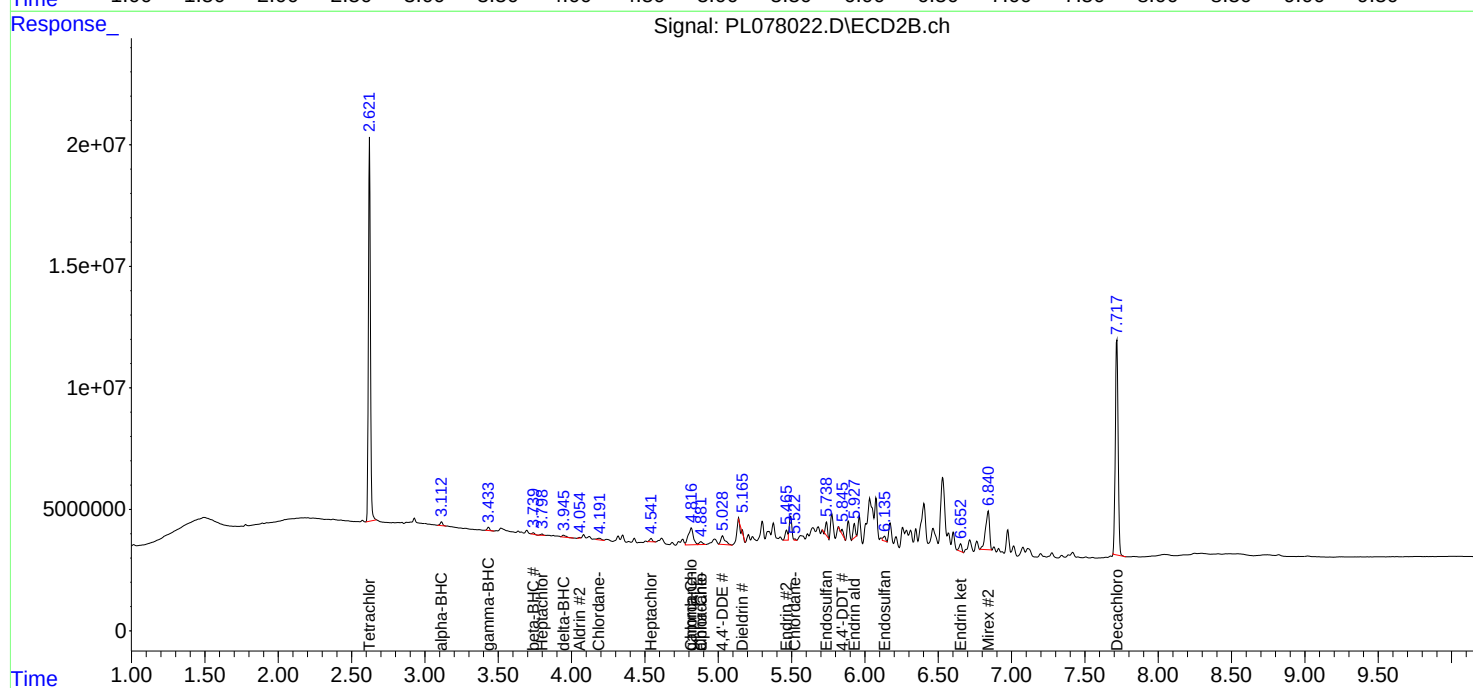
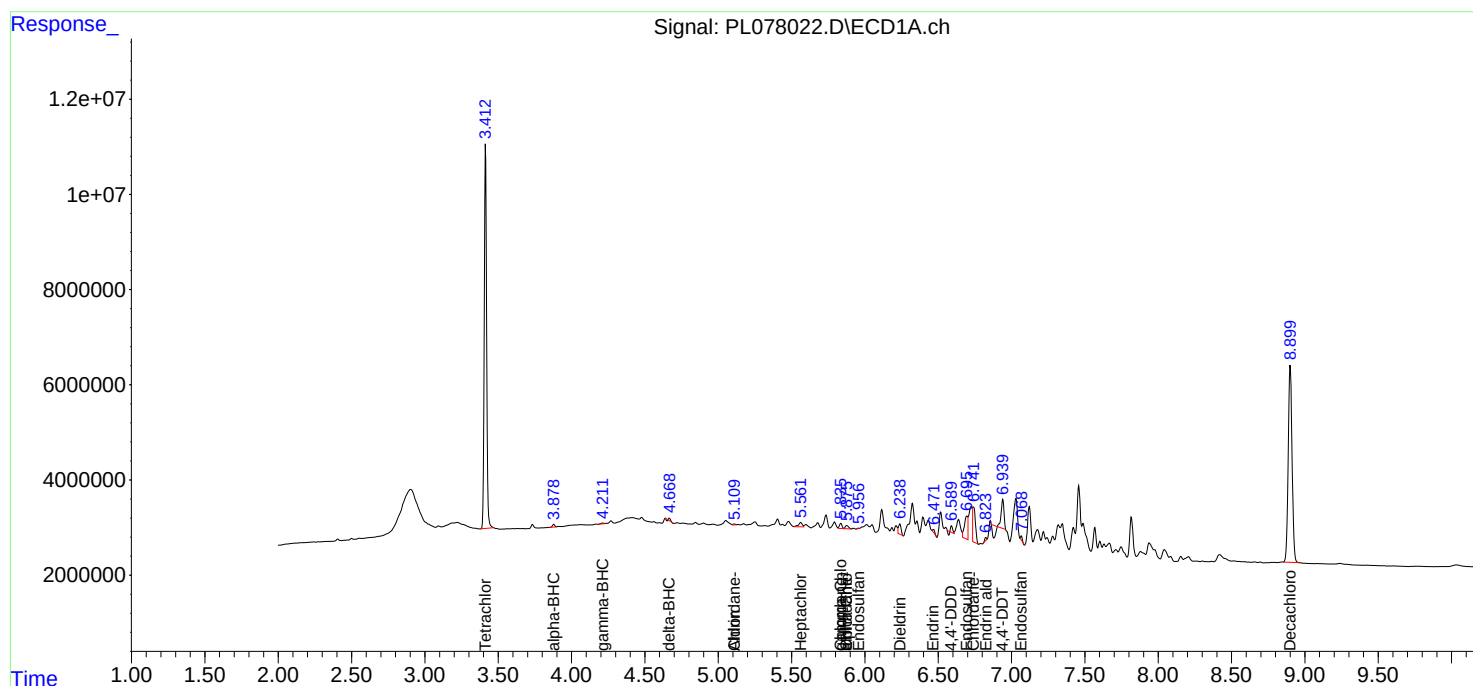
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

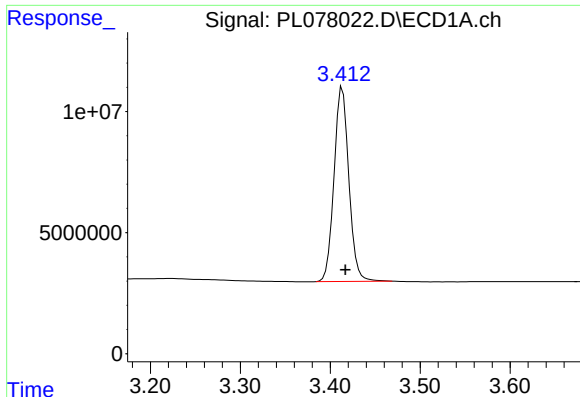
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL093022\  
Data File : PL078022.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Sep 2022 19:55  
Operator : AR\AJ  
Sample : PTOXCCC500  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 30 23:45:53 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 13 13:26:11 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

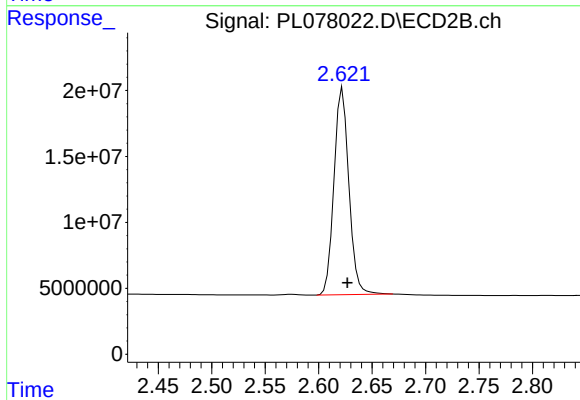




#1 Tetrachloro-m-xylene

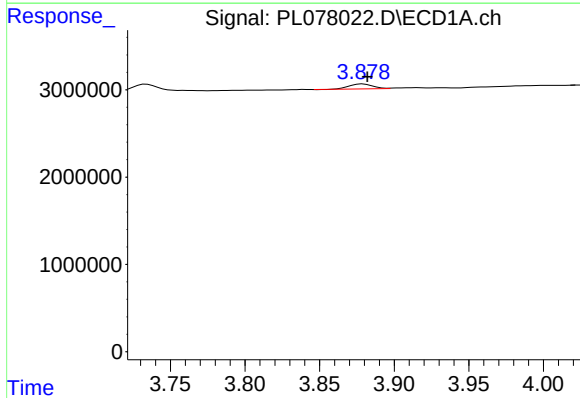
R.T.: 3.414 min  
Delta R.T.: -0.003 min  
Response: 91852527  
Conc: 57.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



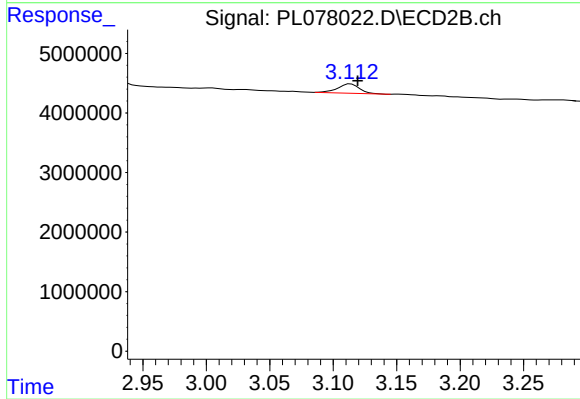
#1 Tetrachloro-m-xylene

R.T.: 2.622 min  
Delta R.T.: -0.004 min  
Response: 152269505  
Conc: 51.29 ng/ml



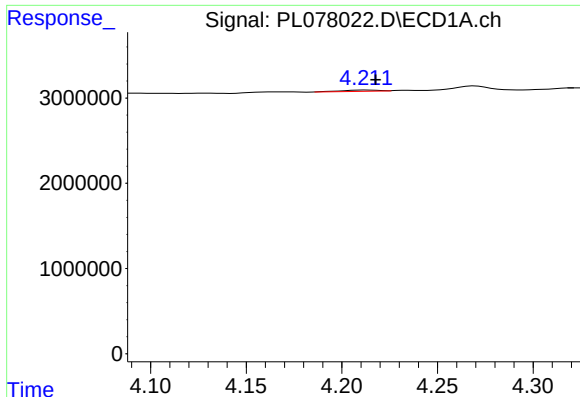
#2 alpha-BHC

R.T.: 3.879 min  
Delta R.T.: -0.003 min  
Response: 602693  
Conc: 0.25 ng/ml



#2 alpha-BHC

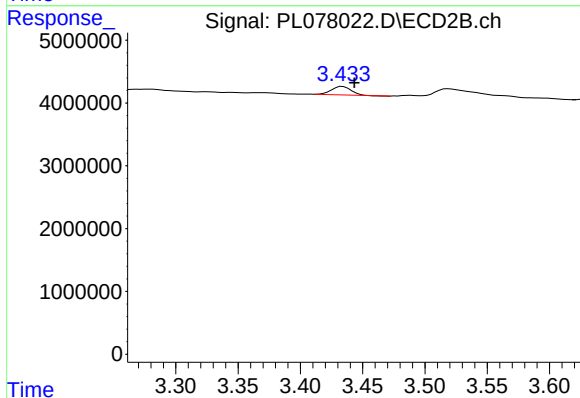
R.T.: 3.114 min  
Delta R.T.: -0.006 min  
Response: 1885018  
Conc: 0.42 ng/ml



#3 gamma-BHC (Lindane)

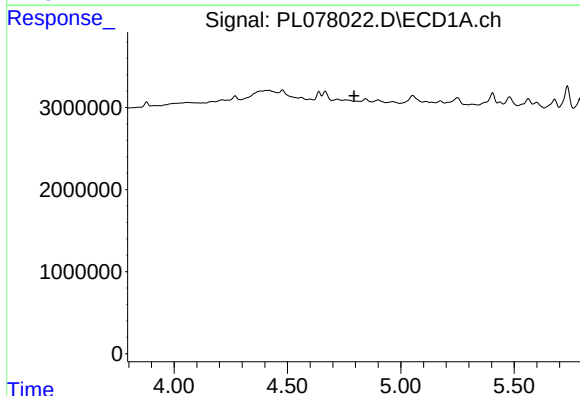
R.T.: 4.213 min  
Delta R.T.: -0.005 min  
Response: 205396  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



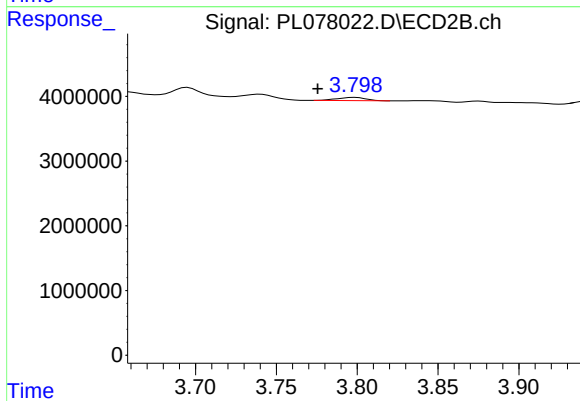
#3 gamma-BHC (Lindane)

R.T.: 3.434 min  
Delta R.T.: -0.009 min  
Response: 1489138  
Conc: 0.37 ng/ml



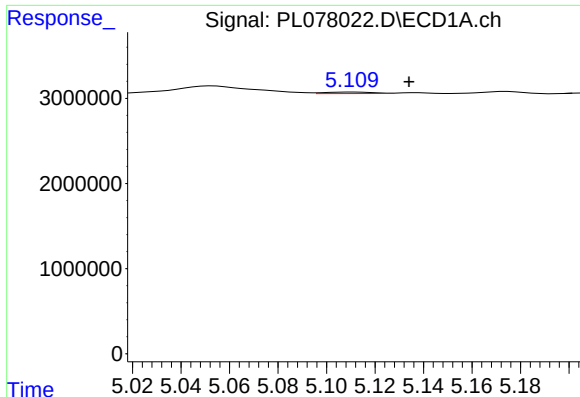
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.794 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

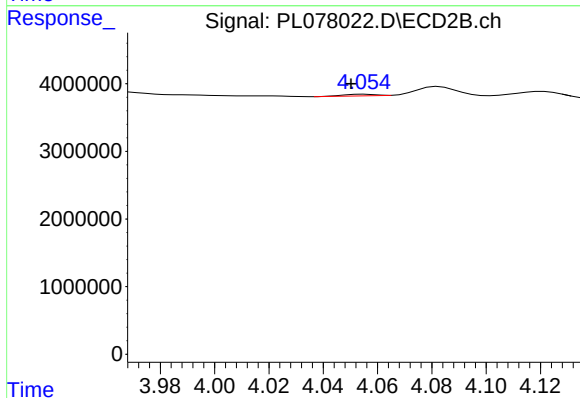
R.T.: 3.799 min  
Delta R.T.: 0.023 min  
Response: 572760  
Conc: 0.14 ng/ml



#5 Aldrin

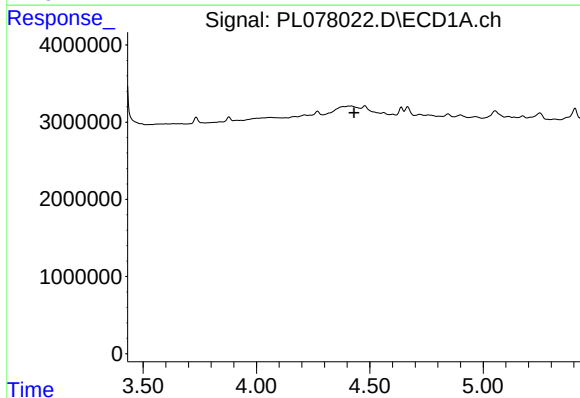
R.T.: 5.111 min  
Delta R.T.: -0.023 min  
Response: 251210  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



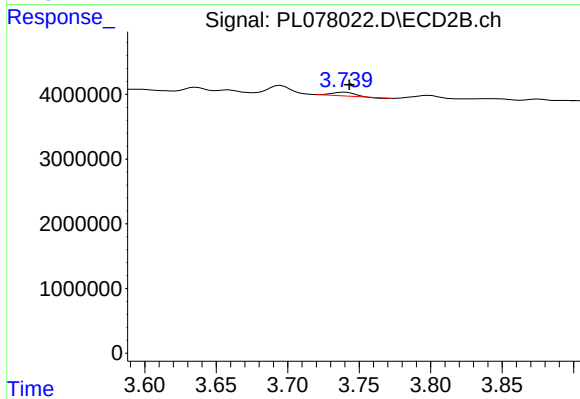
#5 Aldrin

R.T.: 4.055 min  
Delta R.T.: 0.005 min  
Response: 180058  
Conc: 0.05 ng/ml



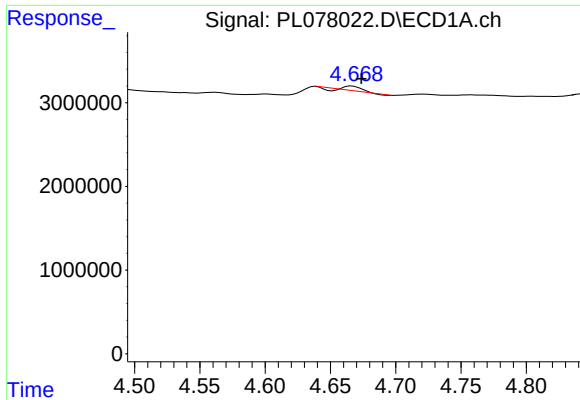
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.430 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

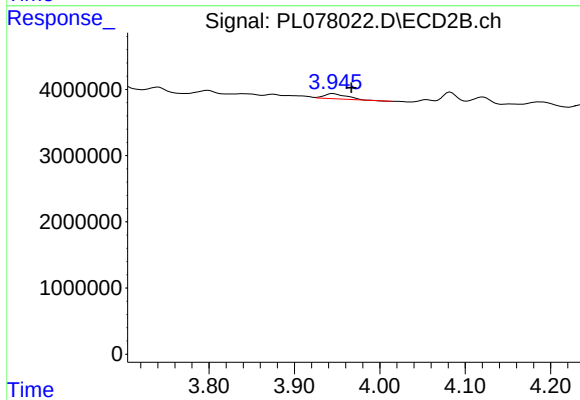
R.T.: 3.740 min  
Delta R.T.: -0.003 min  
Response: 627060  
Conc: 0.38 ng/ml



#7 delta-BHC

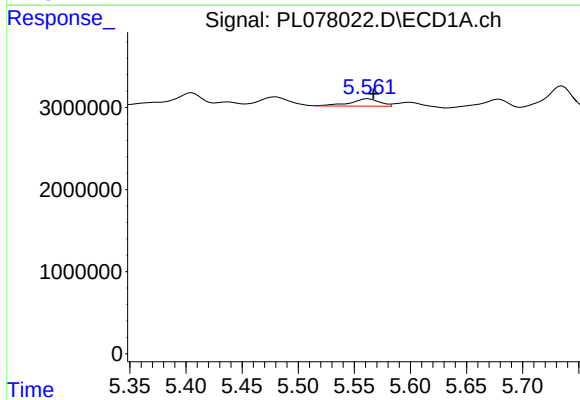
R.T.: 4.667 min  
Delta R.T.: -0.007 min  
Response: 309266  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



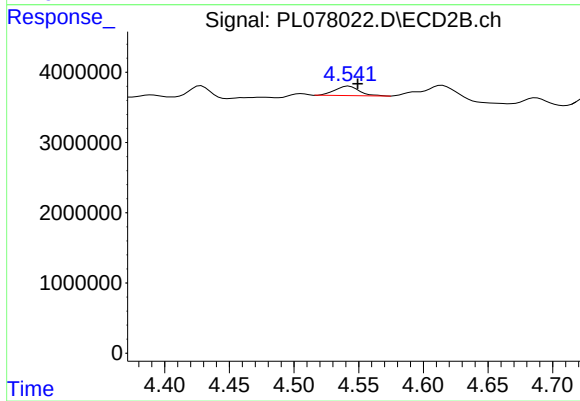
#7 delta-BHC

R.T.: 3.945 min  
Delta R.T.: -0.021 min  
Response: 1428628  
Conc: 0.35 ng/ml



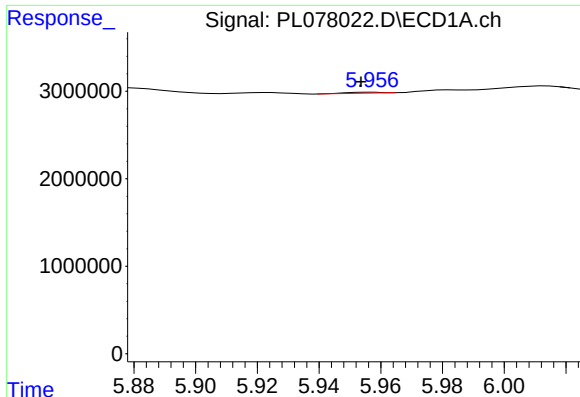
#8 Heptachlor epoxide

R.T.: 5.563 min  
Delta R.T.: -0.004 min  
Response: 1643949  
Conc: 0.94 ng/ml



#8 Heptachlor epoxide

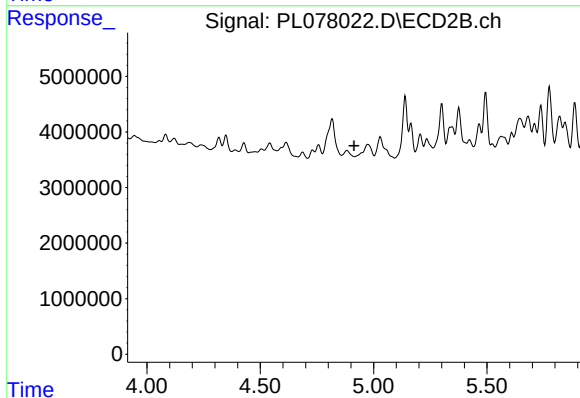
R.T.: 4.543 min  
Delta R.T.: -0.007 min  
Response: 1746822  
Conc: 0.52 ng/ml



#9 Endosulfan I

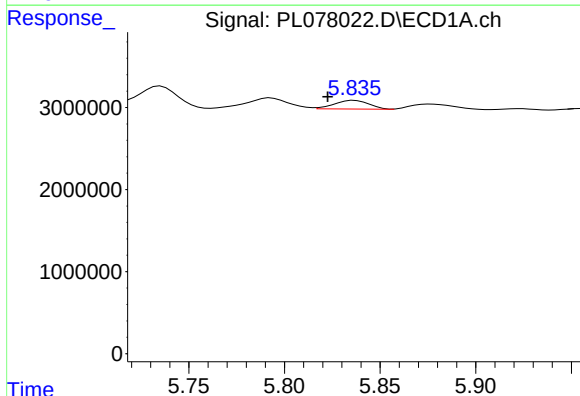
R.T.: 5.957 min  
Delta R.T.: 0.004 min  
Response: 80823  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



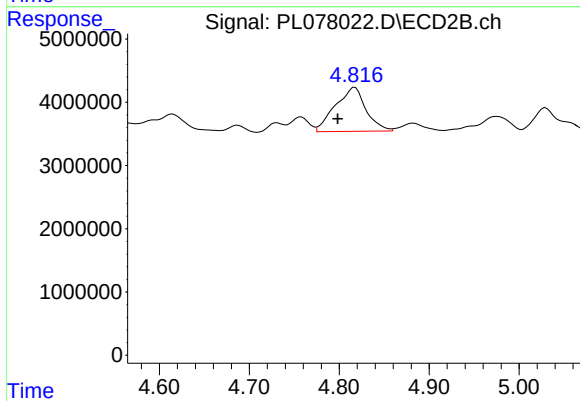
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 4.915 min  
Response: 0  
Conc: N.D.



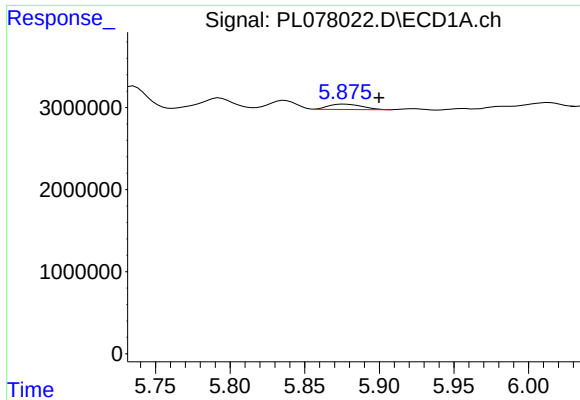
#10 gamma-Chlordane

R.T.: 5.837 min  
Delta R.T.: 0.014 min  
Response: 1332341  
Conc: 0.76 ng/ml



#10 gamma-Chlordane

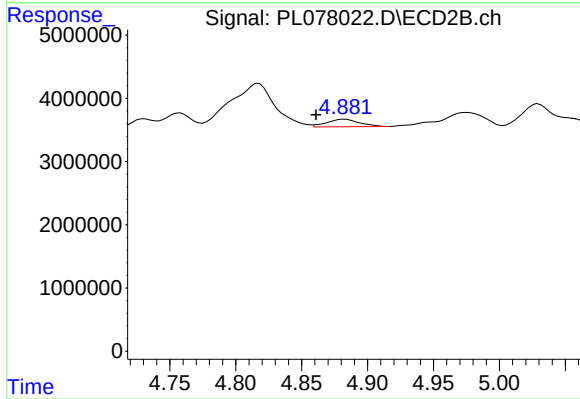
R.T.: 4.817 min  
Delta R.T.: 0.019 min  
Response: 16468705  
Conc: 4.83 ng/ml



#11 alpha-Chlordane

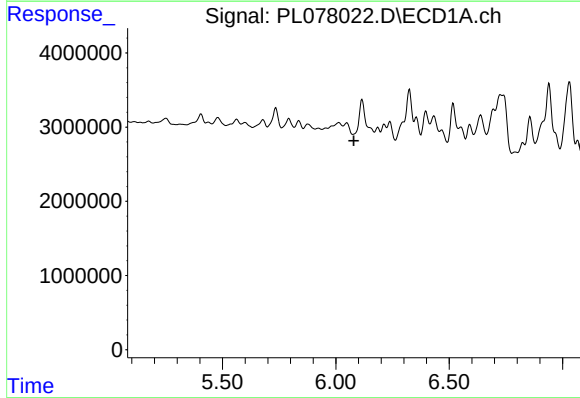
R.T.: 5.877 min  
Delta R.T.: -0.023 min  
Response: 1039976  
Conc: 0.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



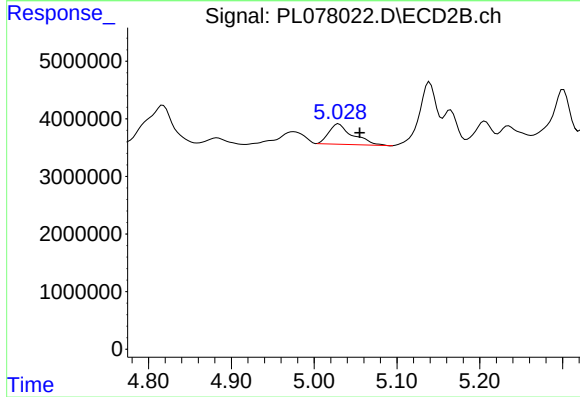
#11 alpha-Chlordane

R.T.: 4.883 min  
Delta R.T.: 0.022 min  
Response: 2043533  
Conc: 0.62 ng/ml



#12 4,4'-DDE

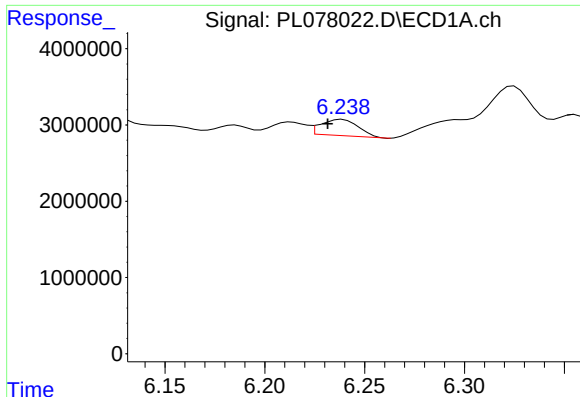
R.T.: 0.000 min  
Exp R.T. : 6.080 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.030 min  
Delta R.T.: -0.026 min  
Response: 6986534  
Conc: 2.15 ng/ml

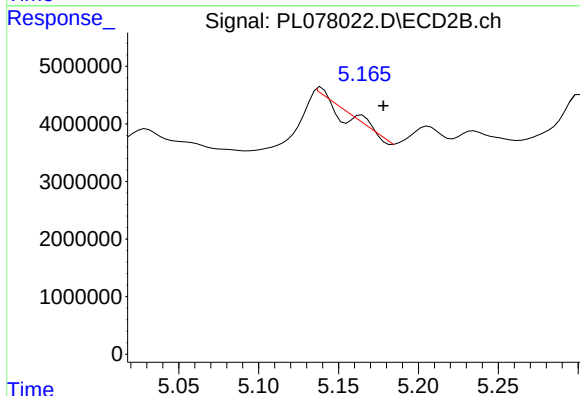




#13 Dieldrin

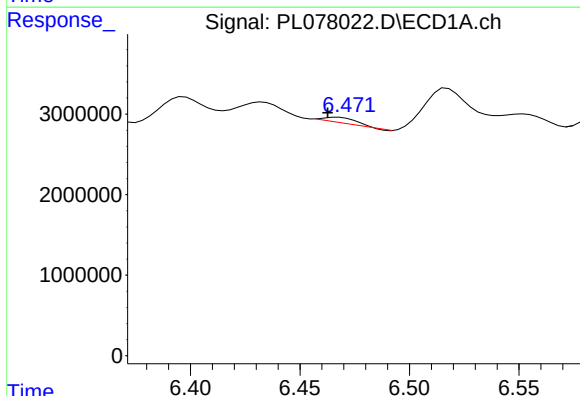
R.T.: 6.239 min  
Delta R.T.: 0.007 min  
Response: 2761873  
Conc: 1.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



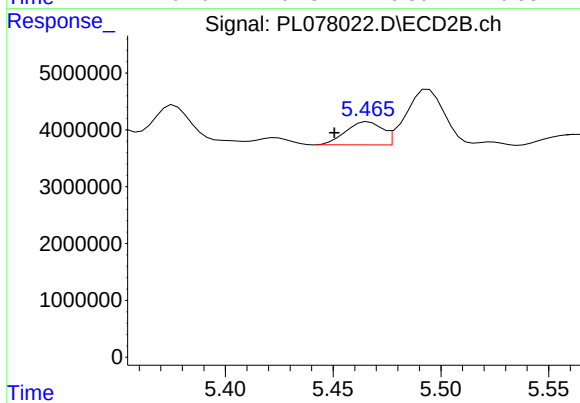
#13 Dieldrin

R.T.: 5.165 min  
Delta R.T.: -0.014 min  
Response: 2319  
Conc: 0.00 ng/ml



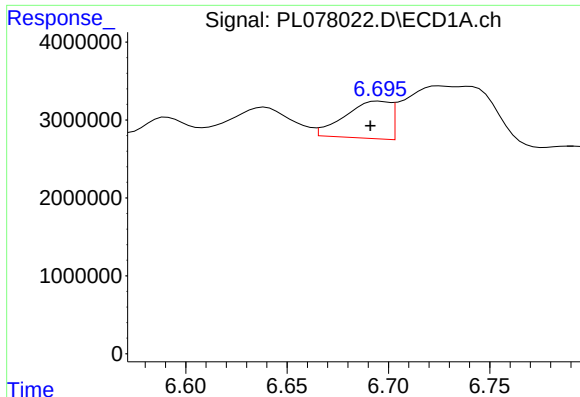
#14 Endrin

R.T.: 6.467 min  
Delta R.T.: 0.005 min  
Response: 692913  
Conc: 0.50 ng/ml



#14 Endrin

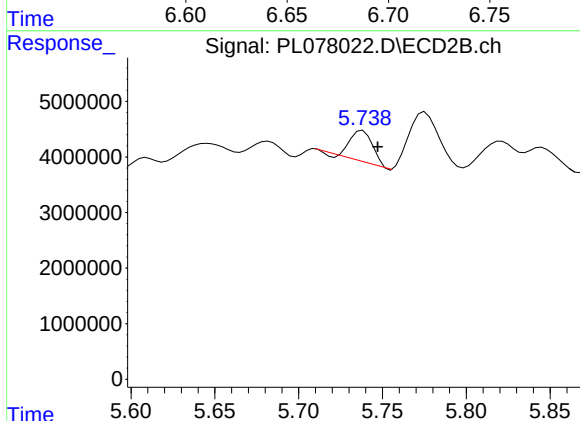
R.T.: 5.466 min  
Delta R.T.: 0.016 min  
Response: 4799038  
Conc: 1.68 ng/ml



#15 Endosulfan II

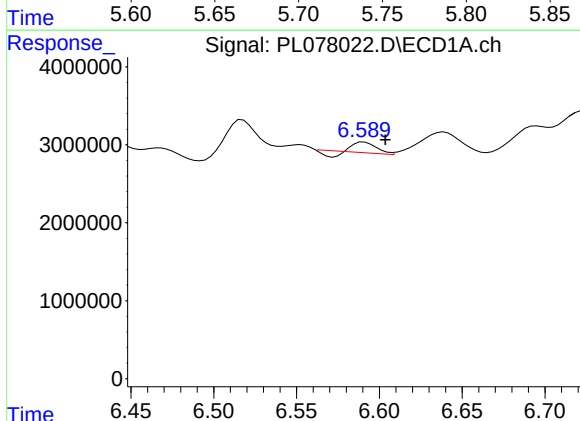
R.T.: 6.695 min  
Delta R.T.: 0.004 min  
Response: 7449630  
Conc: 5.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



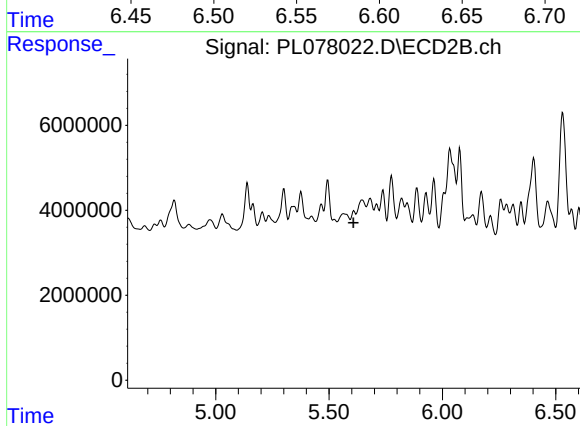
#15 Endosulfan II

R.T.: 5.738 min  
Delta R.T.: -0.009 min  
Response: 5013041  
Conc: 1.90 ng/ml



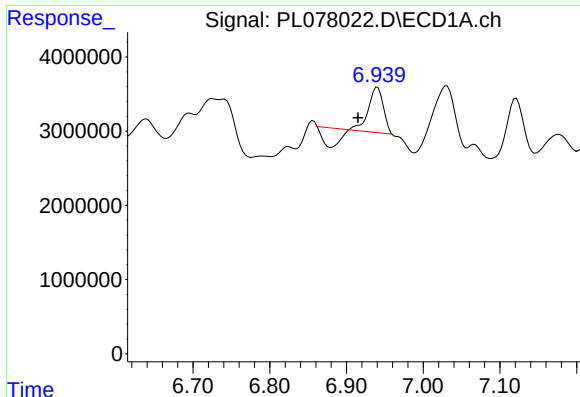
#16 4,4'-DDD

R.T.: 6.591 min  
Delta R.T.: -0.013 min  
Response: 914908  
Conc: 0.78 ng/ml



#16 4,4'-DDD

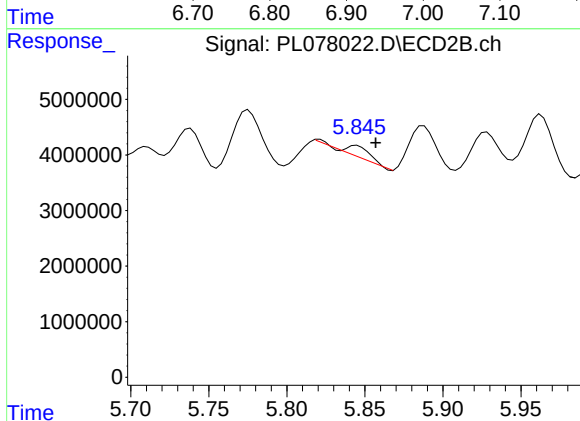
R.T.: 5.609 min  
Delta R.T.: 0.001 min  
Response: -433809  
Conc: N.D.



#17 4,4'-DDT

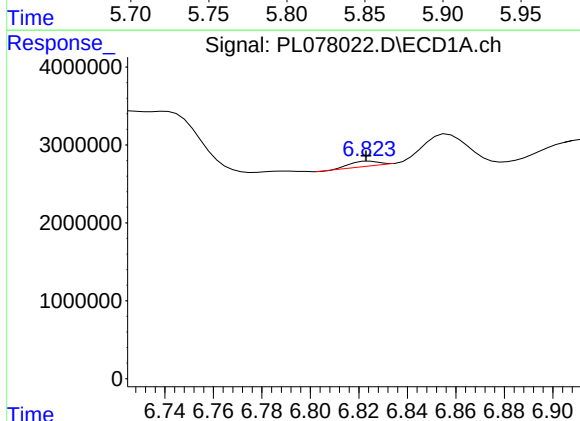
R.T.: 6.941 min  
Delta R.T.: 0.025 min  
Response: 4659726  
Conc: 3.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



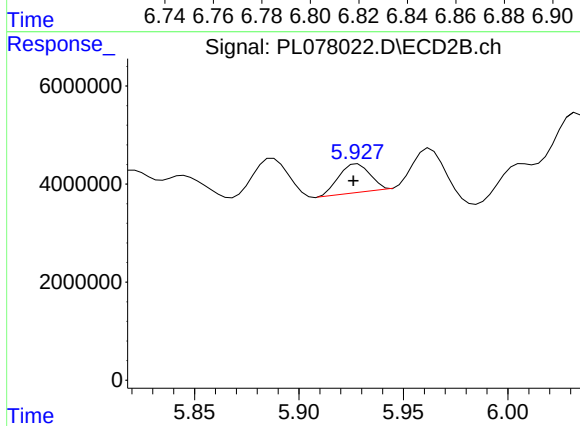
#17 4,4'-DDT

R.T.: 5.845 min  
Delta R.T.: -0.012 min  
Response: 2352463  
Conc: 0.89 ng/ml



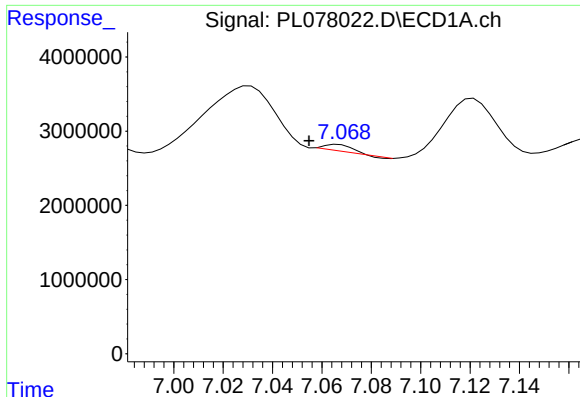
#18 Endrin aldehyde

R.T.: 6.825 min  
Delta R.T.: 0.002 min  
Response: 485874  
Conc: 0.46 ng/ml



#18 Endrin aldehyde

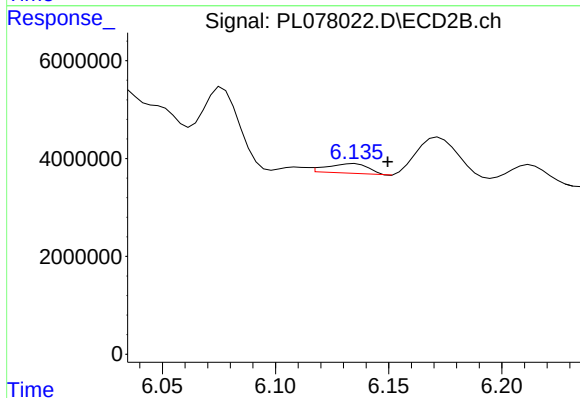
R.T.: 5.928 min  
Delta R.T.: 0.002 min  
Response: 6017693  
Conc: 2.92 ng/ml



#19 Endosulfan Sulfate

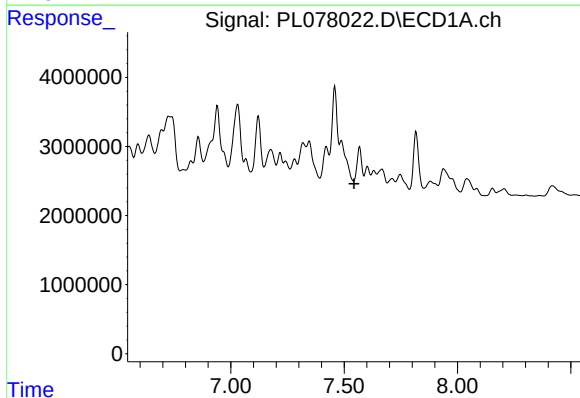
R.T.: 7.067 min  
Delta R.T.: 0.012 min  
Response: 677495  
Conc: 0.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



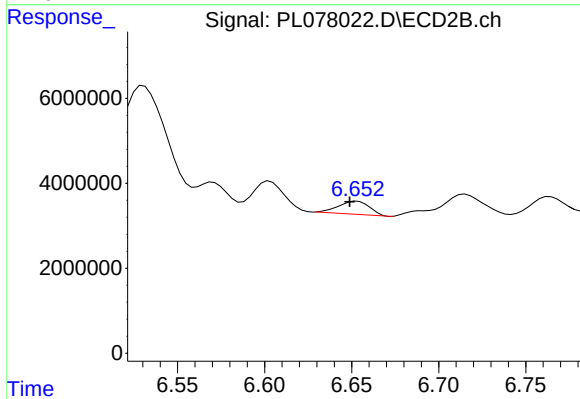
#19 Endosulfan Sulfate

R.T.: 6.135 min  
Delta R.T.: -0.014 min  
Response: 2459488  
Conc: 0.91 ng/ml



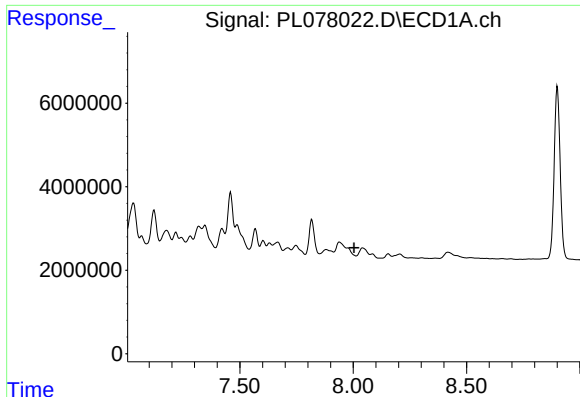
#21 Endrin ketone

R.T.: 7.568 min  
Delta R.T.: 0.024 min  
Response: -75494  
Conc: N.D.



#21 Endrin ketone

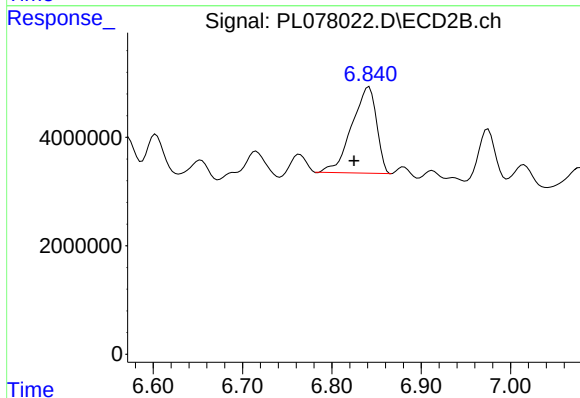
R.T.: 6.653 min  
Delta R.T.: 0.004 min  
Response: 3852758  
Conc: 1.27 ng/ml



#22 Mirex

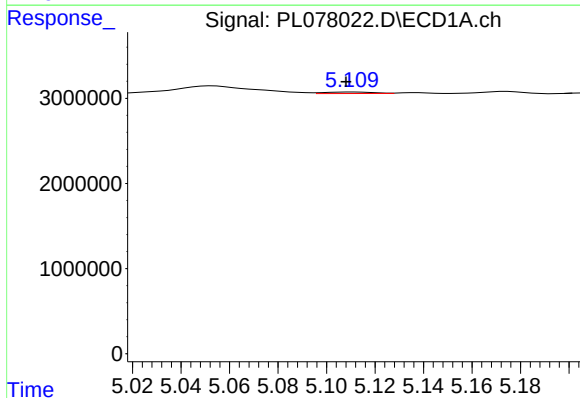
R.T.: 0.000 min  
Exp R.T.: 8.004 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



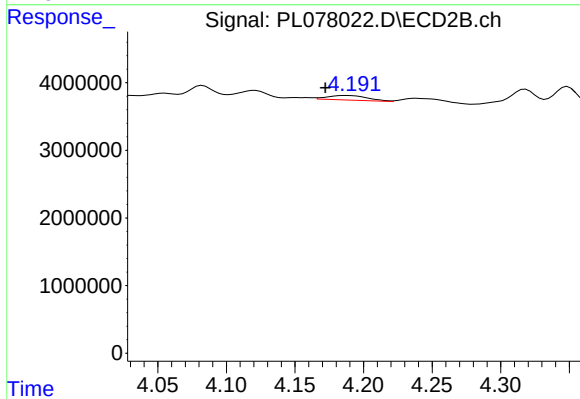
#22 Mirex

R.T.: 6.842 min  
Delta R.T.: 0.017 min  
Response: 3053991  
Conc: 14.21 ng/ml



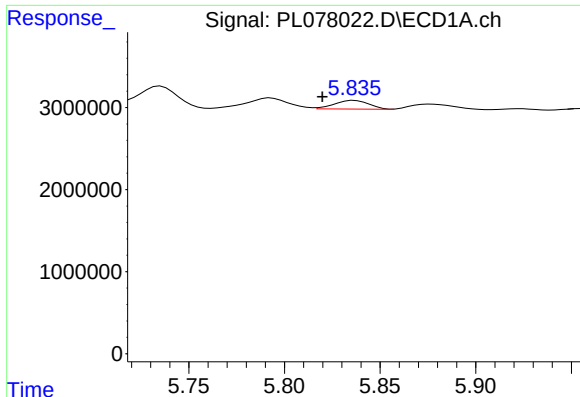
#24 Chlordane-2

R.T.: 5.111 min  
Delta R.T.: 0.003 min  
Response: 251210  
Conc: 3.77 ng/ml



#24 Chlordane-2

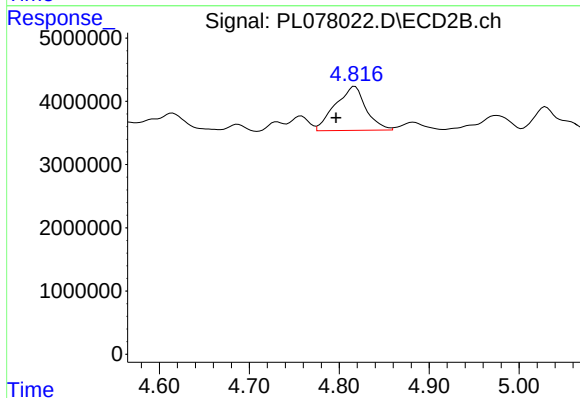
R.T.: 4.187 min  
Delta R.T.: 0.015 min  
Response: 1349575  
Conc: 11.27 ng/ml



#25 Chlordane-3

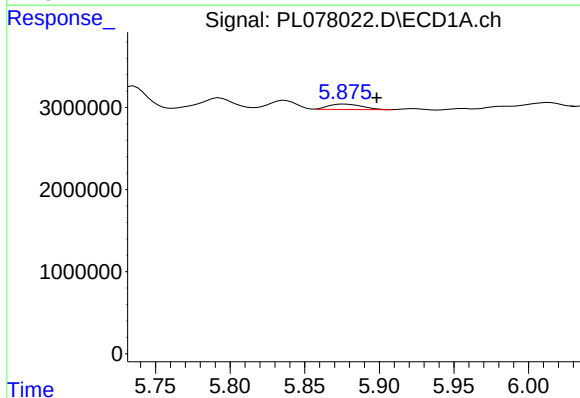
R.T.: 5.837 min  
Delta R.T.: 0.017 min  
Response: 1332341  
Conc: 5.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



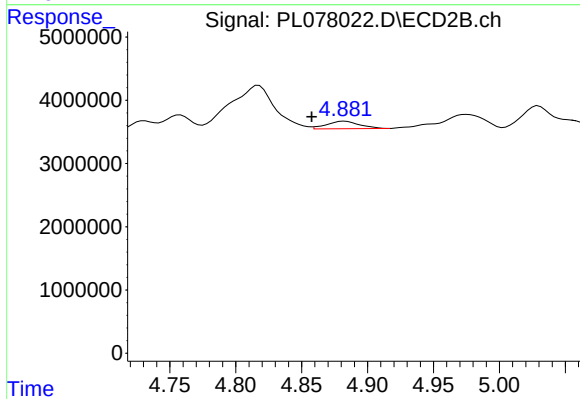
#25 Chlordane-3

R.T.: 4.817 min  
Delta R.T.: 0.021 min  
Response: 16468705  
Conc: 47.88 ng/ml



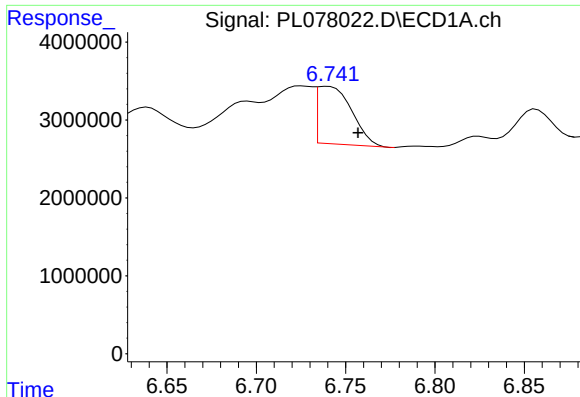
#26 Chlordane-4

R.T.: 5.877 min  
Delta R.T.: -0.022 min  
Response: 1039976  
Conc: 3.49 ng/ml



#26 Chlordane-4

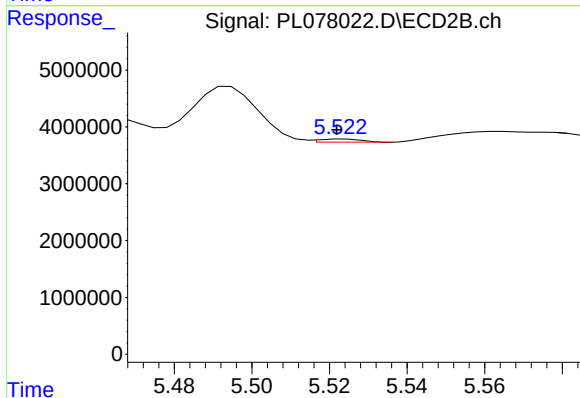
R.T.: 4.883 min  
Delta R.T.: 0.025 min  
Response: 2043533  
Conc: 5.63 ng/ml



#27 Chlordane-5

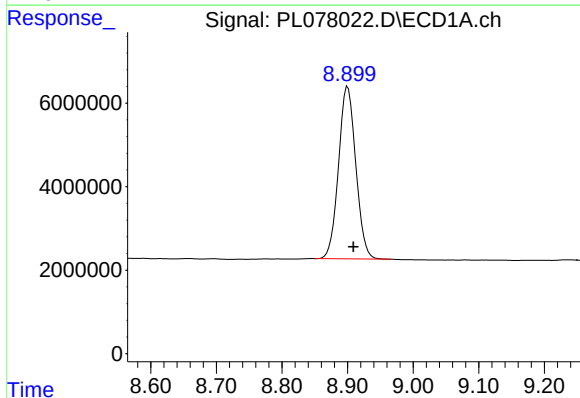
R.T.: 6.740 min  
Delta R.T.: -0.017 min  
Response: 9966585  
Conc: 200.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



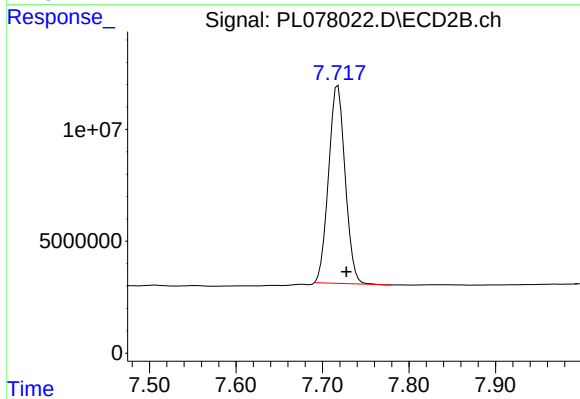
#27 Chlordane-5

R.T.: 5.524 min  
Delta R.T.: 0.002 min  
Response: 412764  
Conc: 4.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.900 min  
Delta R.T.: -0.008 min  
Response: 75538446  
Conc: 58.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.718 min  
Delta R.T.: -0.010 min  
Response: 117250973  
Conc: 46.71 ng/ml