

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110422\  
 Data File : PL078826.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Nov 2022 16:07  
 Operator : AR\AJ  
 Sample : N5428-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 05 03:16:58 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... | 3.327  | 2.569  | 24488327 | 35966951 | 12.841 | 14.087    |
| 28)                         | SA Decachlor... | 8.778  | 7.639  | 19180579 | 27992467 | 12.750 | 14.779    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 3.782  | 3.059  | 1436449  | 657173   | 0.500  | 0.166 #   |
| 3)                          | MA gamma-BHC... | 4.121  | 3.359f | 1667026  | 2779703  | 0.624  | 0.773     |
| 4)                          | MA Heptachlor   | 4.673f | 3.711  | 5240480  | 8074326  | 2.019  | 2.328     |
| 5)                          | MB Aldrin       | 5.037  | 3.985  | 5266597  | 28468903 | 2.126  | 8.130 #   |
| 6)                          | B beta-BHC      | 4.333  | 3.711f | 1510756  | 8074326  | 1.311  | 5.627 #   |
| 7)                          | B delta-BHC     | 4.578  | 3.918f | -2246305 | 22033808 | N.D.   | 6.051     |
| 8)                          | B Heptachlo...  | 5.451  | 4.474  | 7234425  | 16456658 | 3.408  | 5.461 #   |
| 9)                          | A Endosulfan I  | 5.853  | 4.858f | 2233774  | 4449294  | 1.047  | 1.554 #   |
| 10)                         | B gamma-Chl...  | 5.714  | 4.719  | 10052778 | 6358743  | 4.454  | 2.075 #   |
| 11)                         | B alpha-Chl...  | 5.795  | 4.808f | 5669700  | 16432218 | 2.450  | 5.513 #   |
| 12)                         | B 4,4'-DDE      | 5.982  | 4.982  | 2985010  | 2549291  | 1.491  | 0.936 #   |
| 13)                         | MA Dieldrin     | 6.125  | 5.086f | 3404097  | 1846814  | 1.579  | 0.623 #   |
| 14)                         | MA Endrin       | 6.377f | 5.353f | 10246885 | 4090171  | 5.399  | 1.570 #   |
| 15)                         | B Endosulfa...  | 6.574  | 5.679  | 1286103  | 3944860  | 0.685  | 1.733 #   |
| 17)                         | MA 4,4'-DDT     | 6.797  | 5.792  | 1751021  | 206334   | 0.977  | 0.095 #   |
| 18)                         | B Endrin al...  | 6.713  | 5.849  | 2172742  | 1063375  | 1.493  | 0.567 #   |
| 19)                         | B Endosulfa...  | 6.929f | 6.069  | 1715308  | 6659209  | 0.932  | 2.797 #   |
| 20)                         | A Methoxychlor  | 7.295  | 6.349  | 16428200 | 5827886  | 17.840 | 5.136 #   |
| 21)                         | B Endrin ke...  | 0.000  | 6.560  | 0        | 1903882  | N.D.   | 0.737 #   |
| 22)                         | Mirex           | 7.887  | 6.736  | 1354044  | 4029456  | 0.928  | 2.048 #   |
| 23)                         | Chlordane-1     | 4.456f | 3.555f | 1029709  | 23681320 | 13.142 | 234.806 # |
| 24)                         | Chlordane-2     | 5.005  | 4.075f | 4120962  | 29070848 | 49.804 | 273.155 # |
| 25)                         | Chlordane-3     | 5.714  | 4.719  | 10052778 | 6358743  | 30.094 | 20.863 #  |
| 26)                         | Chlordane-4     | 5.795  | 4.808f | 5669700  | 16432218 | 13.810 | 50.288 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.470f | 0        | 5139816  | N.D.   | 63.022 #  |
| -----                       |                 |        |        |          |          |        |           |

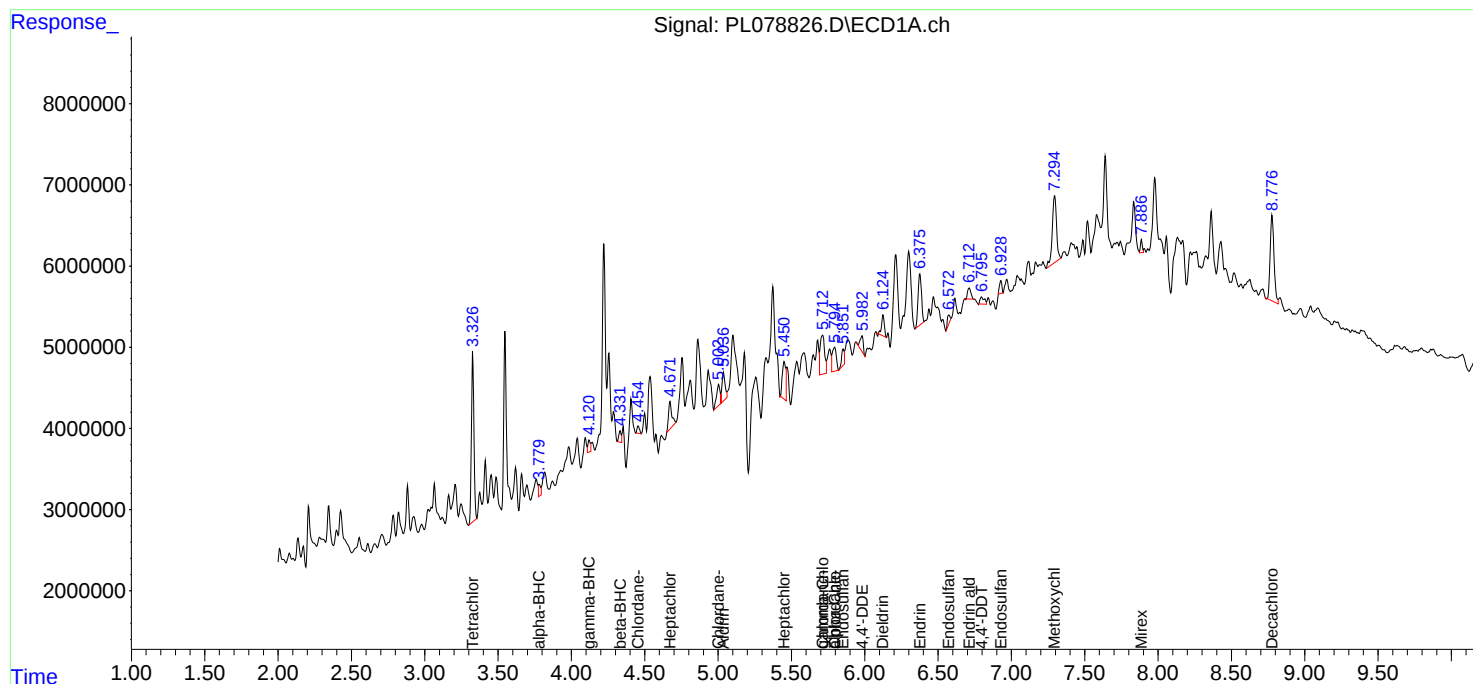
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

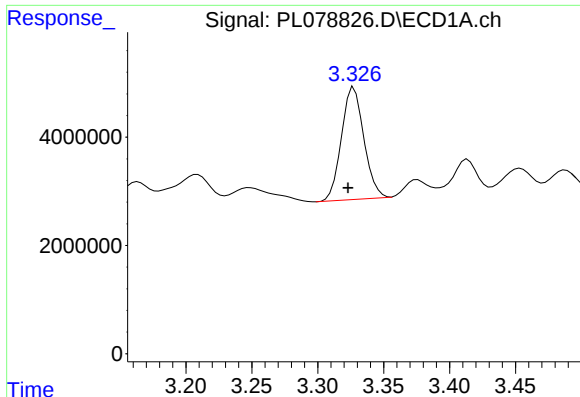
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110422\  
Data File : PL078826.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Nov 2022 16:07  
Operator : AR\AJ  
Sample : N5428-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 05 03:16:58 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

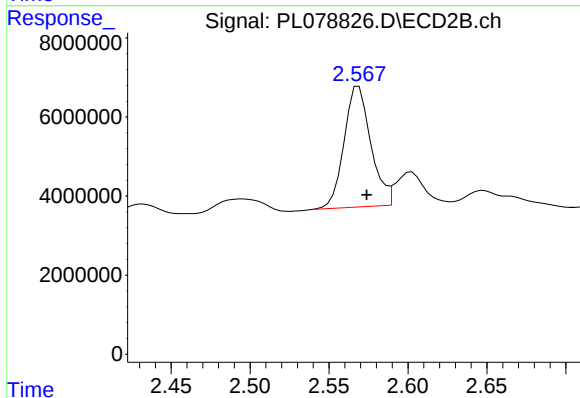




#1 Tetrachloro-m-xylene

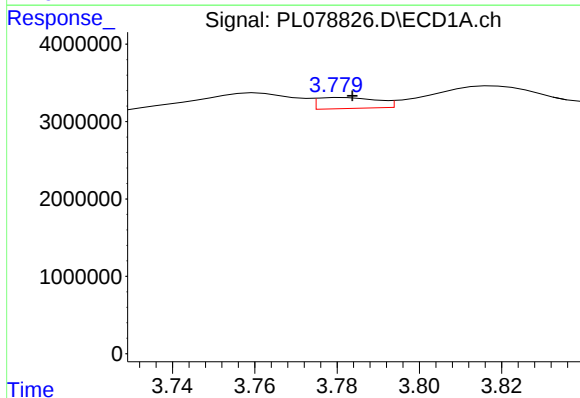
R.T.: 3.327 min  
Delta R.T.: 0.004 min  
Response: 24488327  
Conc: 12.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



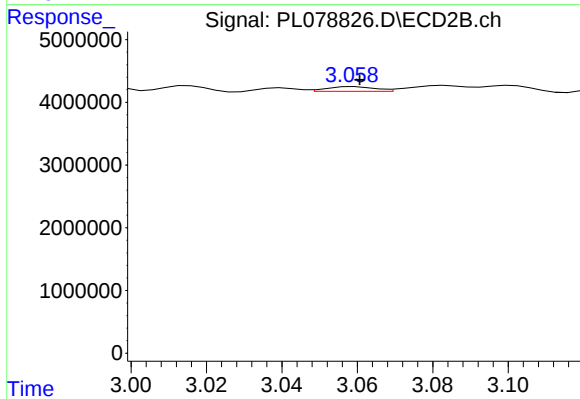
#1 Tetrachloro-m-xylene

R.T.: 2.569 min  
Delta R.T.: -0.005 min  
Response: 35966951  
Conc: 14.09 ng/ml



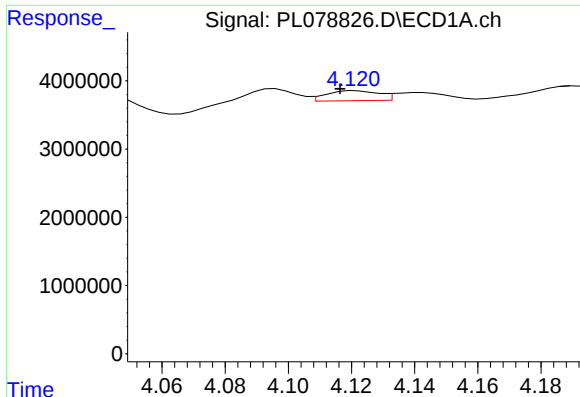
#2 alpha-BHC

R.T.: 3.782 min  
Delta R.T.: -0.002 min  
Response: 1436449  
Conc: 0.50 ng/ml



#2 alpha-BHC

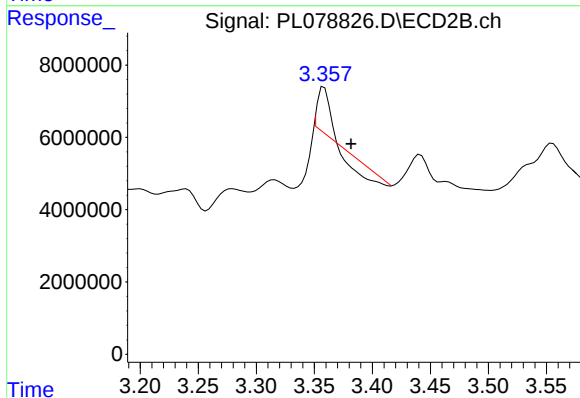
R.T.: 3.059 min  
Delta R.T.: -0.001 min  
Response: 657173  
Conc: 0.17 ng/ml



#3 gamma-BHC (Lindane)

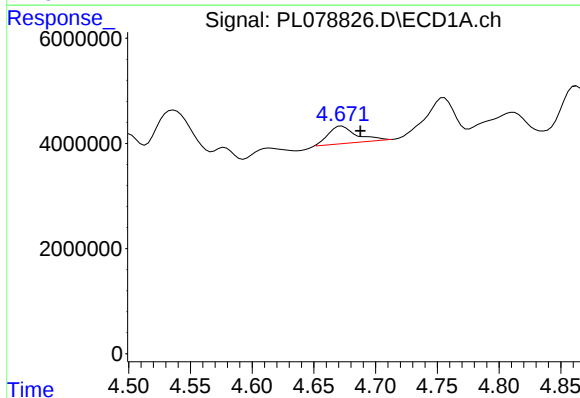
R.T.: 4.121 min  
Delta R.T.: 0.005 min  
Response: 1667026  
Conc: 0.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



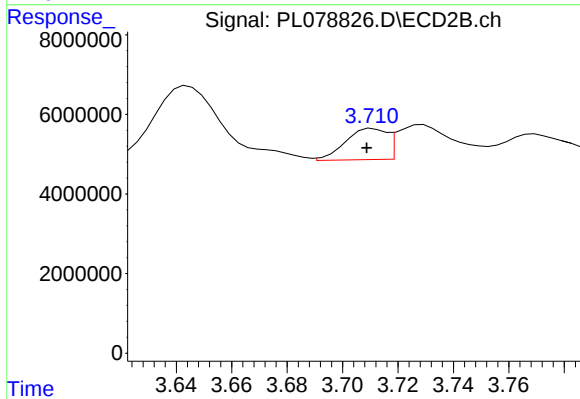
#3 gamma-BHC (Lindane)

R.T.: 3.359 min  
Delta R.T.: -0.023 min  
Response: 2779703  
Conc: 0.77 ng/ml



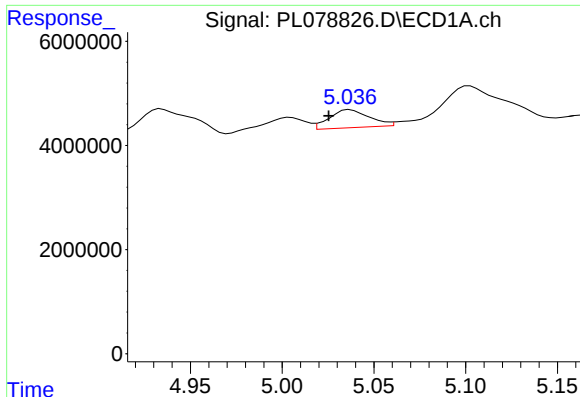
#4 Heptachlor

R.T.: 4.673 min  
Delta R.T.: -0.015 min  
Response: 5240480  
Conc: 2.02 ng/ml



#4 Heptachlor

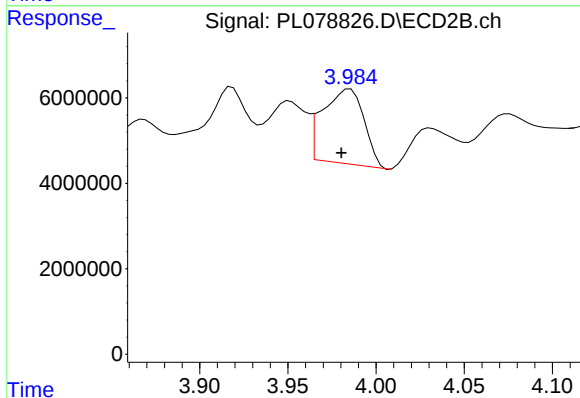
R.T.: 3.711 min  
Delta R.T.: 0.002 min  
Response: 8074326  
Conc: 2.33 ng/ml



#5 Aldrin

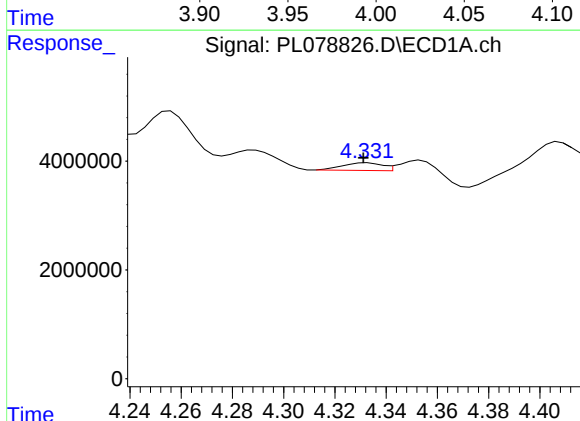
R.T.: 5.037 min  
Delta R.T.: 0.012 min  
Response: 5266597  
Conc: 2.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



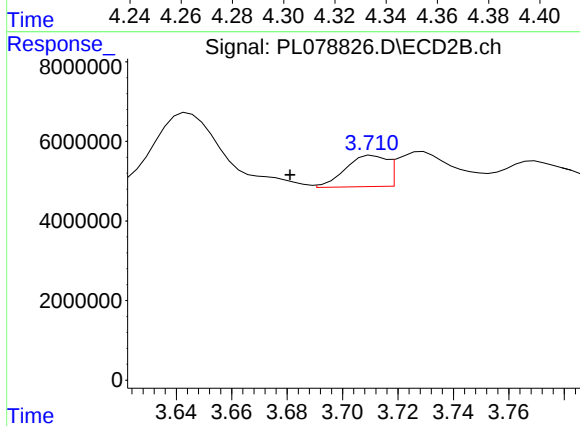
#5 Aldrin

R.T.: 3.985 min  
Delta R.T.: 0.005 min  
Response: 28468903  
Conc: 8.13 ng/ml



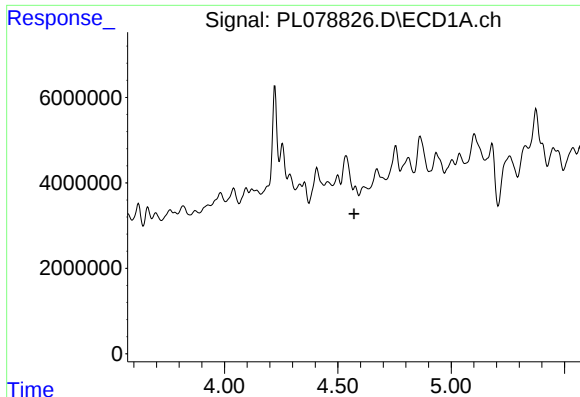
#6 beta-BHC

R.T.: 4.333 min  
Delta R.T.: 0.002 min  
Response: 1510756  
Conc: 1.31 ng/ml



#6 beta-BHC

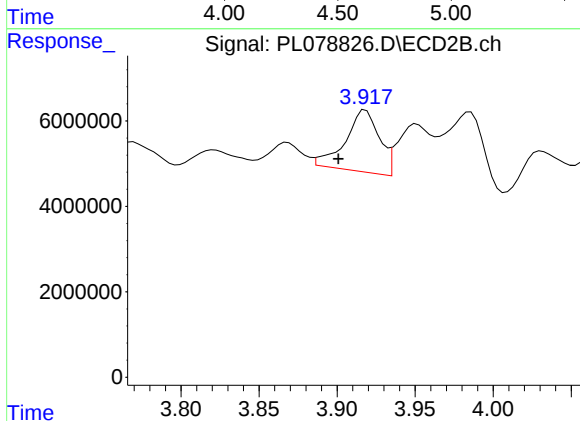
R.T.: 3.711 min  
Delta R.T.: 0.030 min  
Response: 8074326  
Conc: 5.63 ng/ml



#7 delta-BHC

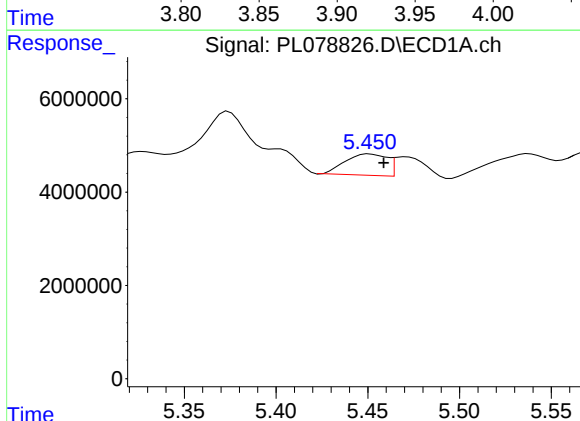
R.T.: 4.578 min  
Delta R.T.: 0.006 min  
Response: -2246305  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



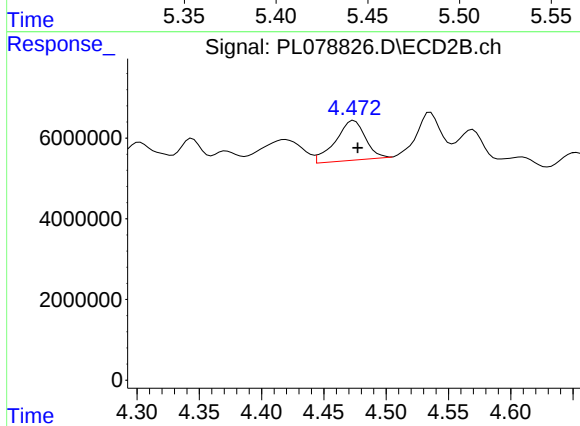
#7 delta-BHC

R.T.: 3.918 min  
Delta R.T.: 0.017 min  
Response: 22033808  
Conc: 6.05 ng/ml



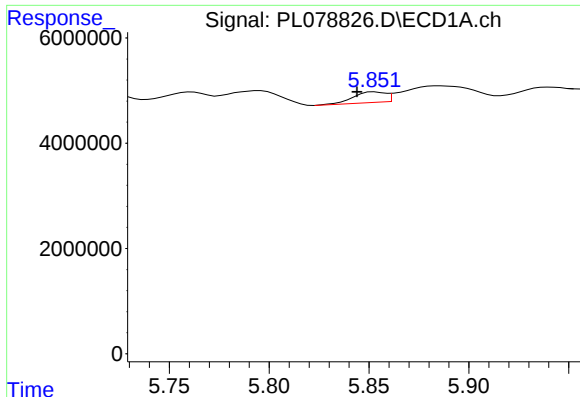
#8 Heptachlor epoxide

R.T.: 5.451 min  
Delta R.T.: -0.008 min  
Response: 7234425  
Conc: 3.41 ng/ml



#8 Heptachlor epoxide

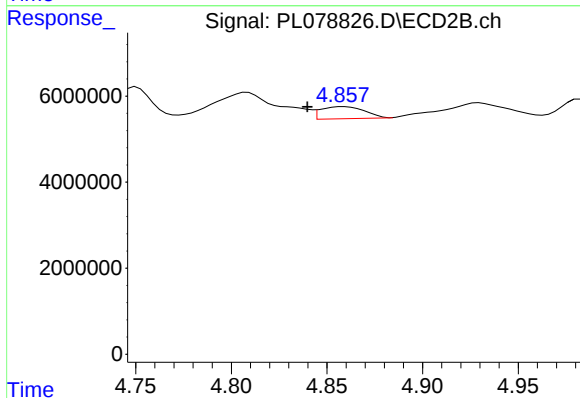
R.T.: 4.474 min  
Delta R.T.: -0.003 min  
Response: 16456658  
Conc: 5.46 ng/ml



#9 Endosulfan I

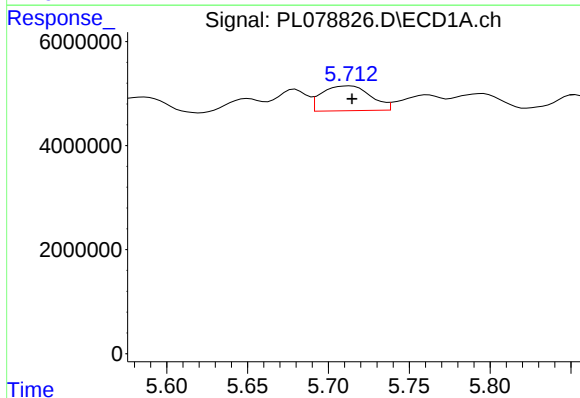
R.T.: 5.853 min  
Delta R.T.: 0.009 min  
Response: 2233774  
Conc: 1.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



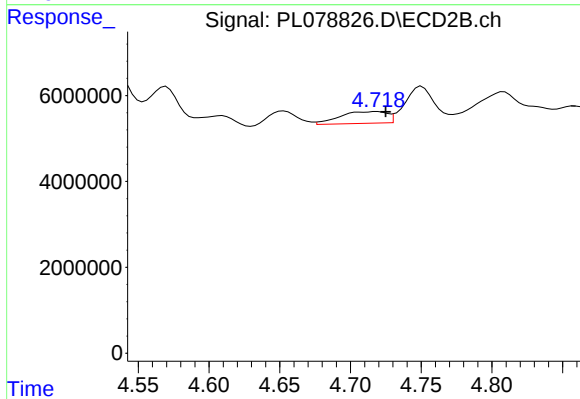
#9 Endosulfan I

R.T.: 4.858 min  
Delta R.T.: 0.019 min  
Response: 4449294  
Conc: 1.55 ng/ml



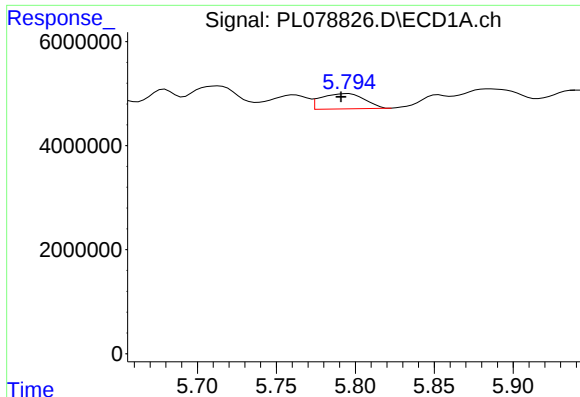
#10 gamma-Chlordane

R.T.: 5.714 min  
Delta R.T.: 0.000 min  
Response: 10052778  
Conc: 4.45 ng/ml



#10 gamma-Chlordane

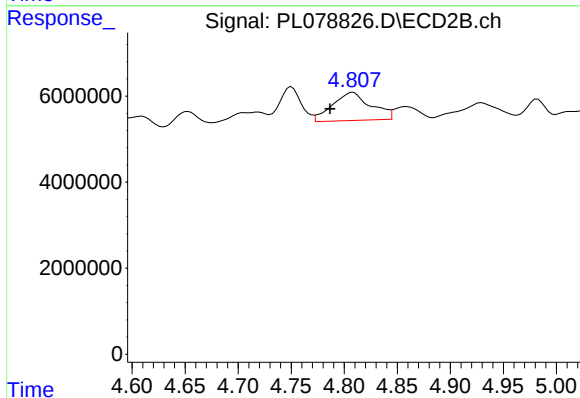
R.T.: 4.719 min  
Delta R.T.: -0.006 min  
Response: 6358743  
Conc: 2.07 ng/ml



#11 alpha-Chlordane

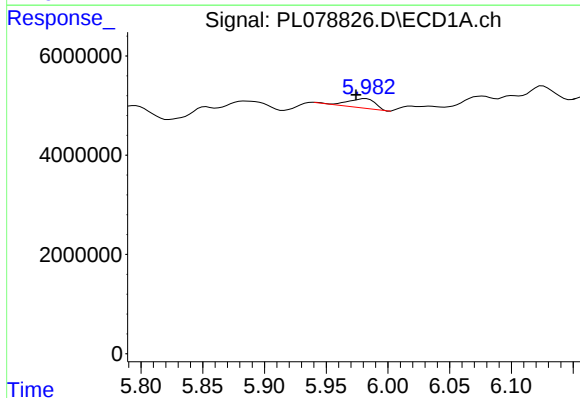
R.T.: 5.795 min  
Delta R.T.: 0.004 min  
Response: 5669700  
Conc: 2.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



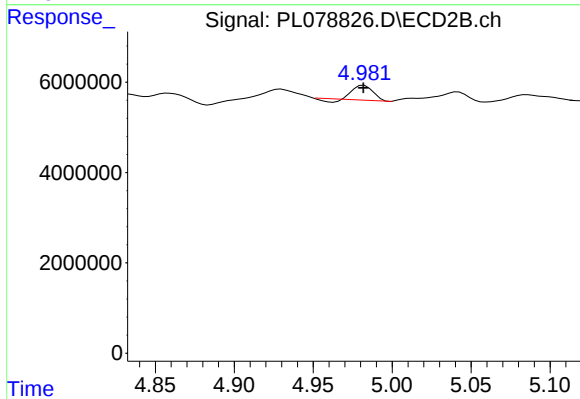
#11 alpha-Chlordane

R.T.: 4.808 min  
Delta R.T.: 0.022 min  
Response: 16432218  
Conc: 5.51 ng/ml



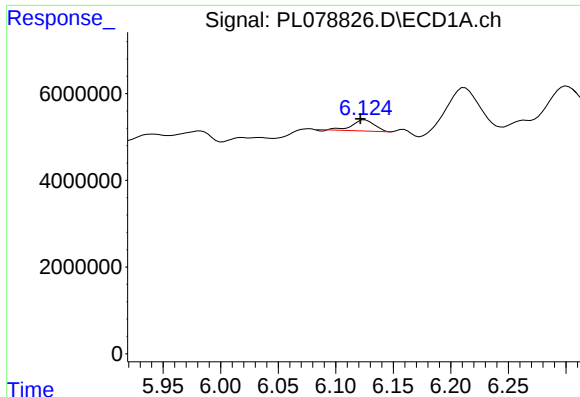
#12 4,4'-DDE

R.T.: 5.982 min  
Delta R.T.: 0.008 min  
Response: 2985010  
Conc: 1.49 ng/ml



#12 4,4'-DDE

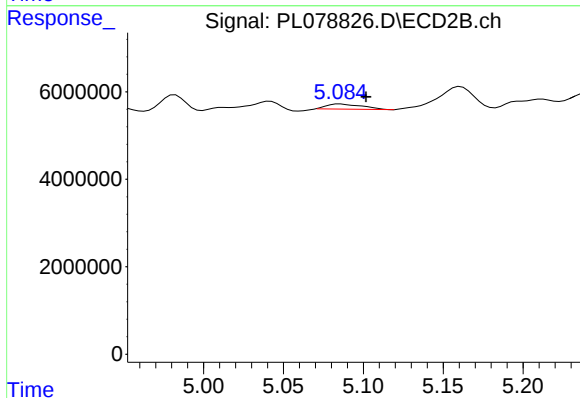
R.T.: 4.982 min  
Delta R.T.: 0.000 min  
Response: 2549291  
Conc: 0.94 ng/ml



#13 Dieldrin

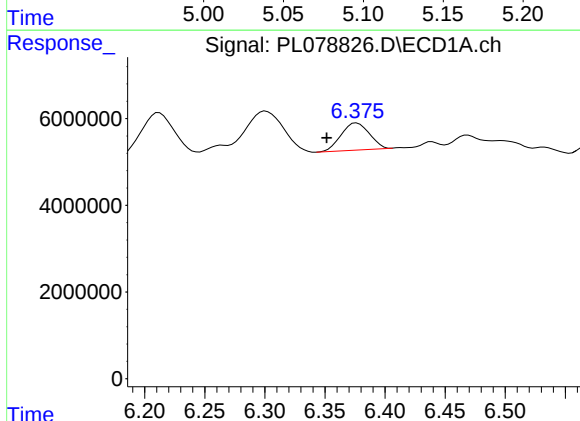
R.T.: 6.125 min  
Delta R.T.: 0.004 min  
Response: 3404097  
Conc: 1.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



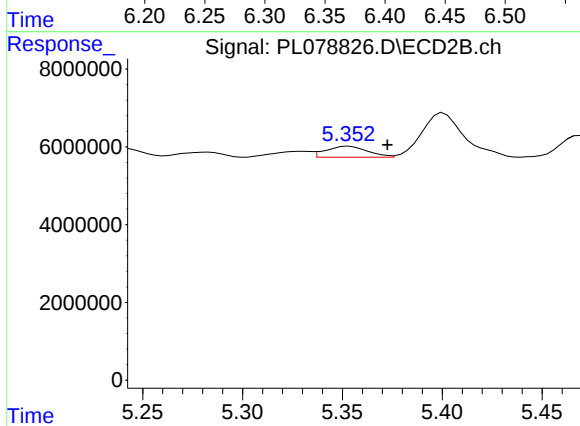
#13 Dieldrin

R.T.: 5.086 min  
Delta R.T.: -0.016 min  
Response: 1846814  
Conc: 0.62 ng/ml



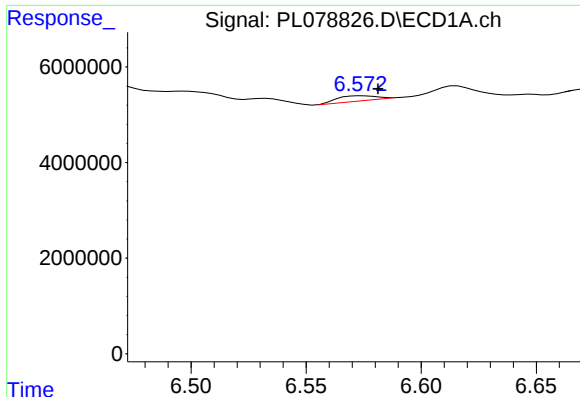
#14 Endrin

R.T.: 6.377 min  
Delta R.T.: 0.025 min  
Response: 10246885  
Conc: 5.40 ng/ml



#14 Endrin

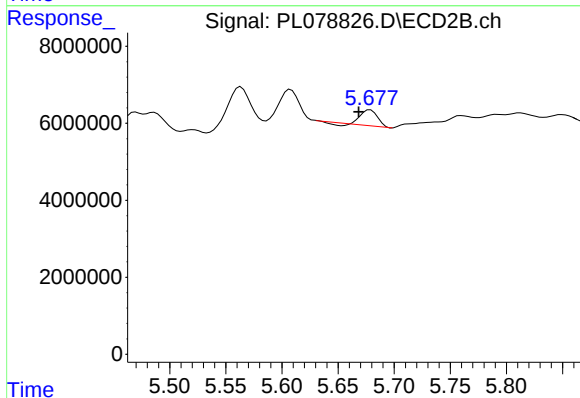
R.T.: 5.353 min  
Delta R.T.: -0.019 min  
Response: 4090171  
Conc: 1.57 ng/ml



#15 Endosulfan II

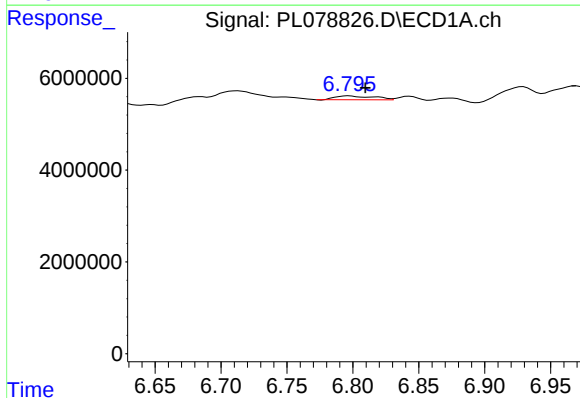
R.T.: 6.574 min  
Delta R.T.: -0.007 min  
Response: 1286103  
Conc: 0.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



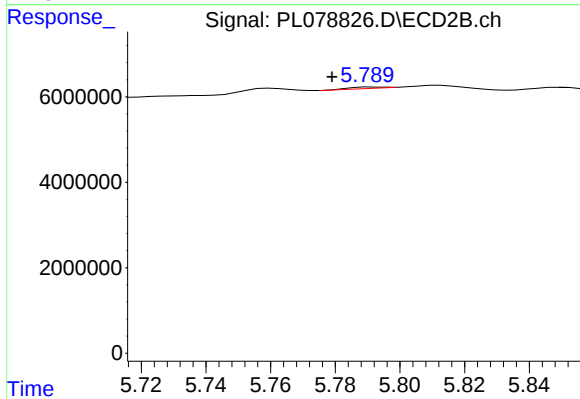
#15 Endosulfan II

R.T.: 5.679 min  
Delta R.T.: 0.010 min  
Response: 3944860  
Conc: 1.73 ng/ml



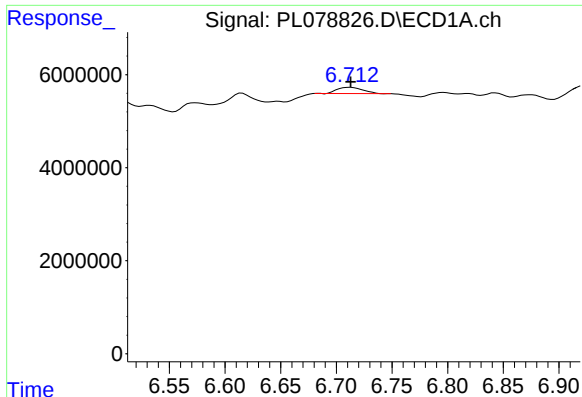
#17 4,4'-DDT

R.T.: 6.797 min  
Delta R.T.: -0.013 min  
Response: 1751021  
Conc: 0.98 ng/ml



#17 4,4'-DDT

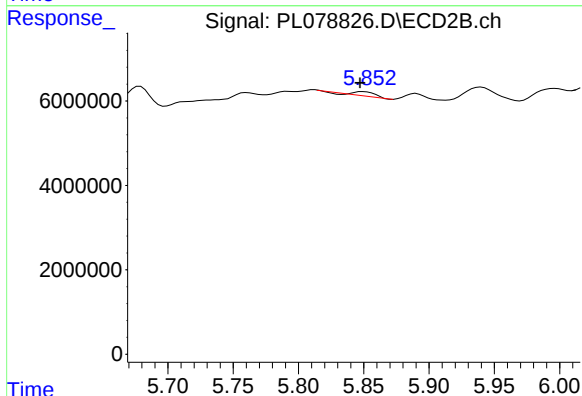
R.T.: 5.792 min  
Delta R.T.: 0.013 min  
Response: 206334  
Conc: 0.10 ng/ml



#18 Endrin aldehyde

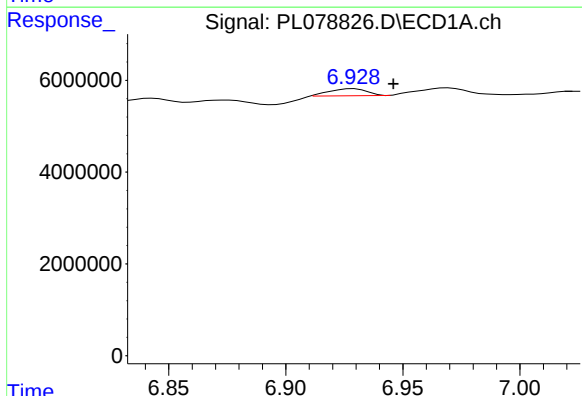
R.T.: 6.713 min  
Delta R.T.: 0.000 min  
Response: 2172742  
Conc: 1.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



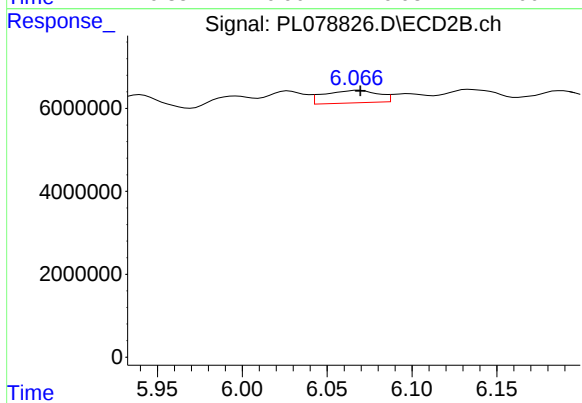
#18 Endrin aldehyde

R.T.: 5.849 min  
Delta R.T.: 0.002 min  
Response: 1063375  
Conc: 0.57 ng/ml



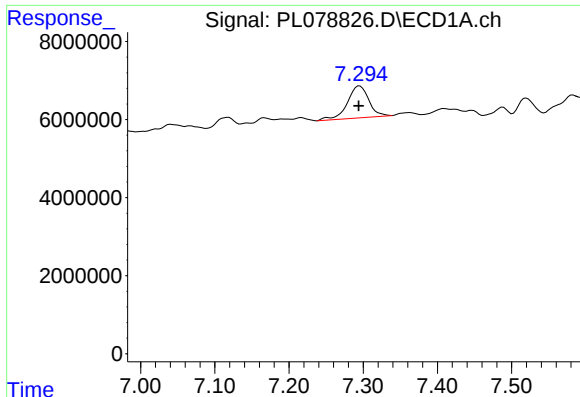
#19 Endosulfan Sulfate

R.T.: 6.929 min  
Delta R.T.: -0.017 min  
Response: 1715308  
Conc: 0.93 ng/ml



#19 Endosulfan Sulfate

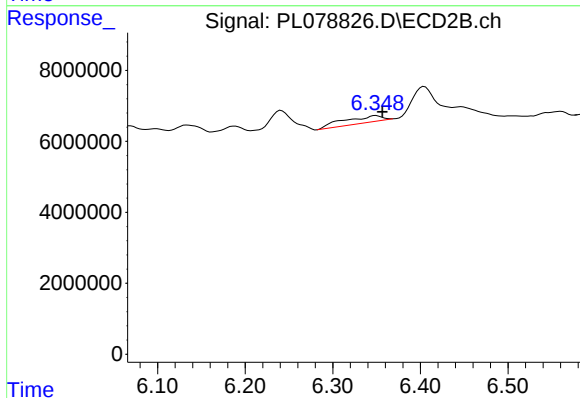
R.T.: 6.069 min  
Delta R.T.: 0.000 min  
Response: 6659209  
Conc: 2.80 ng/ml



#20 Methoxychlor

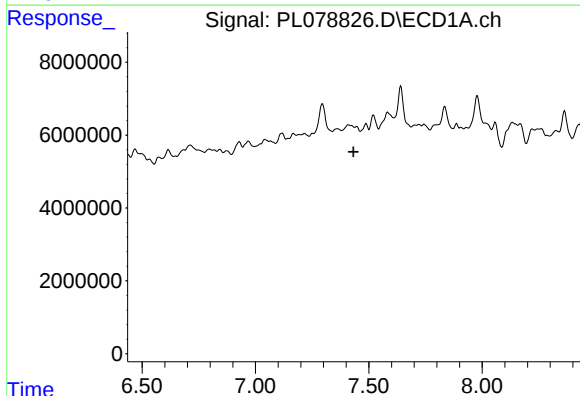
R.T.: 7.295 min  
Delta R.T.: 0.001 min  
Response: 16428200  
Conc: 17.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



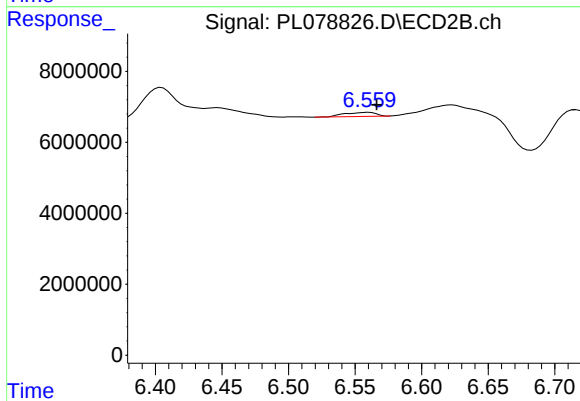
#20 Methoxychlor

R.T.: 6.349 min  
Delta R.T.: -0.007 min  
Response: 5827886  
Conc: 5.14 ng/ml



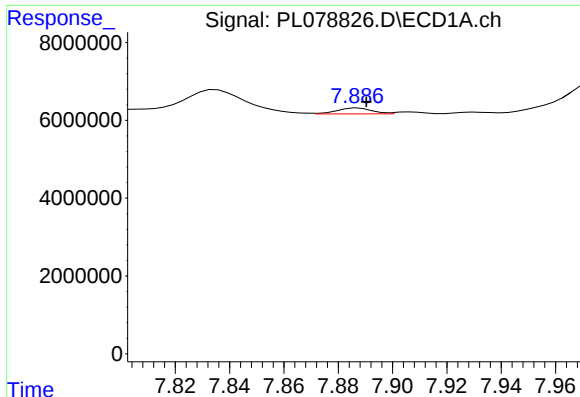
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.433 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

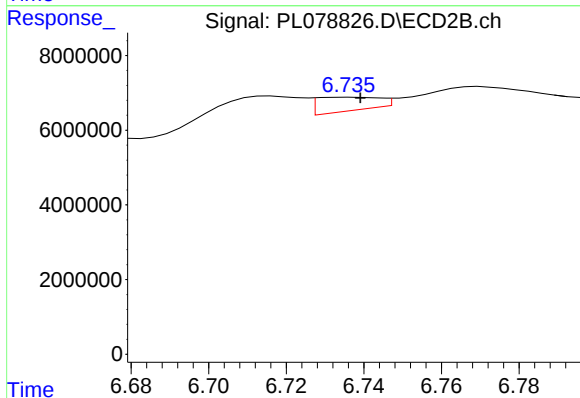
R.T.: 6.560 min  
Delta R.T.: -0.006 min  
Response: 1903882  
Conc: 0.74 ng/ml



#22 Mirex

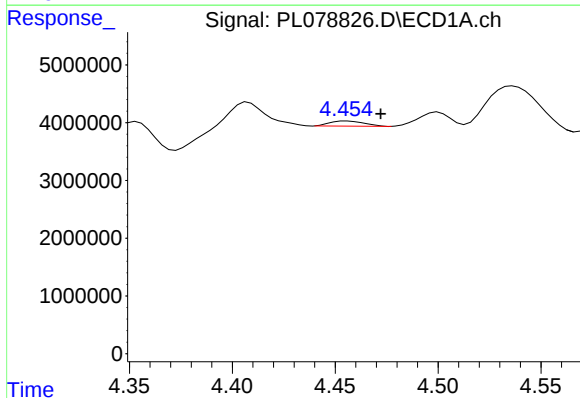
R.T.: 7.887 min  
Delta R.T.: -0.003 min  
Response: 1354044  
Conc: 0.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



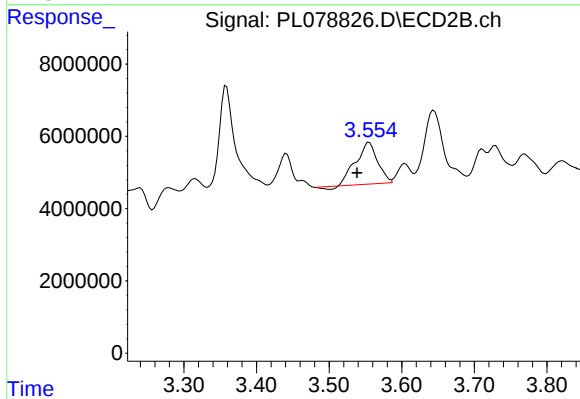
#22 Mirex

R.T.: 6.736 min  
Delta R.T.: -0.003 min  
Response: 4029456  
Conc: 2.05 ng/ml



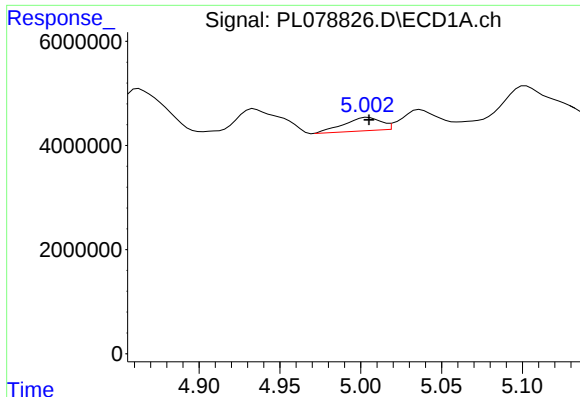
#23 Chlordane-1

R.T.: 4.456 min  
Delta R.T.: -0.017 min  
Response: 1029709  
Conc: 13.14 ng/ml



#23 Chlordane-1

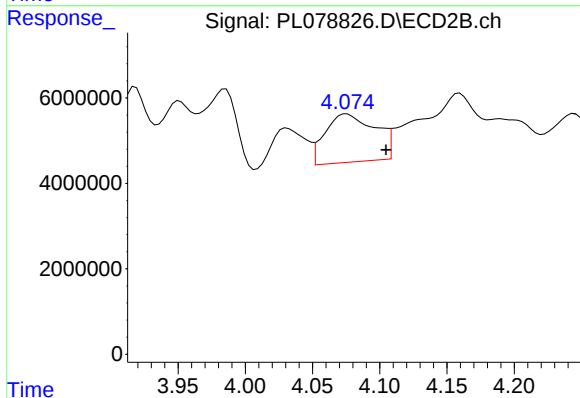
R.T.: 3.555 min  
Delta R.T.: 0.017 min  
Response: 23681320  
Conc: 234.81 ng/ml



#24 Chlordane-2

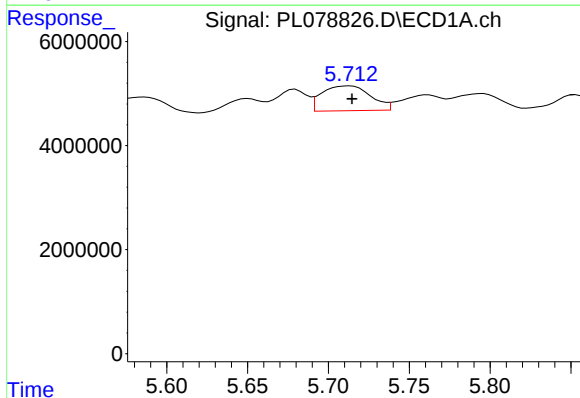
R.T.: 5.005 min  
Delta R.T.: 0.000 min  
Response: 4120962  
Conc: 49.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



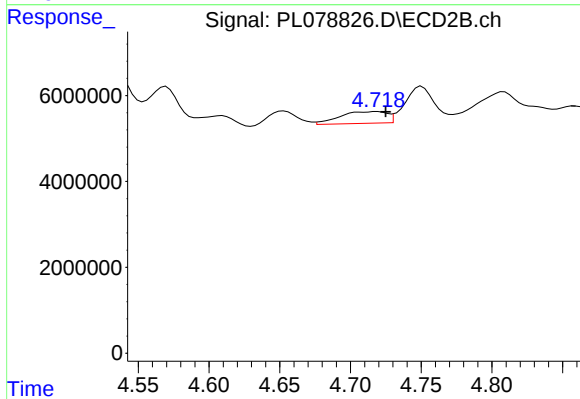
#24 Chlordane-2

R.T.: 4.075 min  
Delta R.T.: -0.029 min  
Response: 29070848  
Conc: 273.15 ng/ml



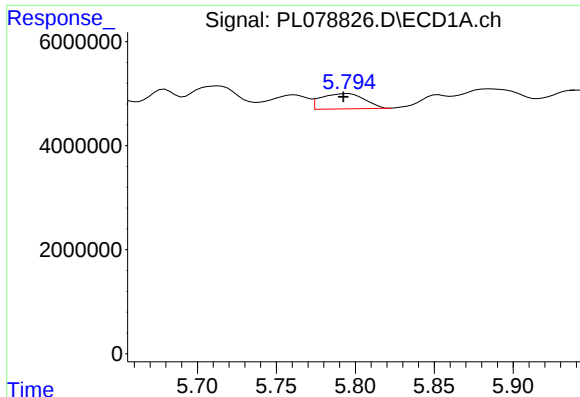
#25 Chlordane-3

R.T.: 5.714 min  
Delta R.T.: 0.000 min  
Response: 10052778  
Conc: 30.09 ng/ml



#25 Chlordane-3

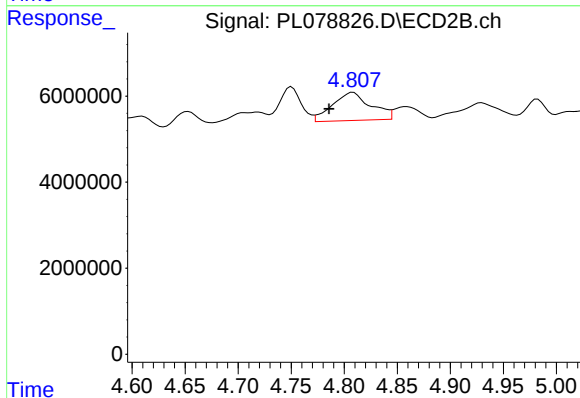
R.T.: 4.719 min  
Delta R.T.: -0.006 min  
Response: 6358743  
Conc: 20.86 ng/ml



#26 Chlordane-4

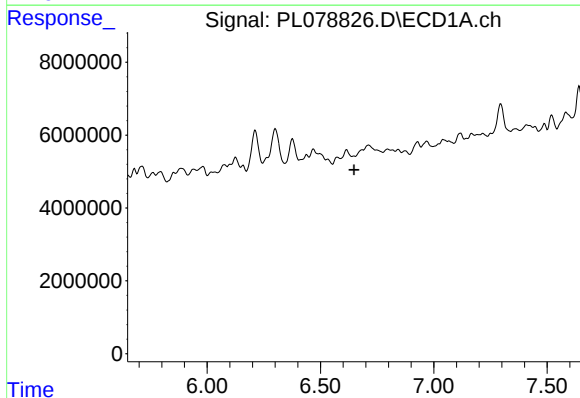
R.T.: 5.795 min  
Delta R.T.: 0.003 min  
Response: 5669700  
Conc: 13.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



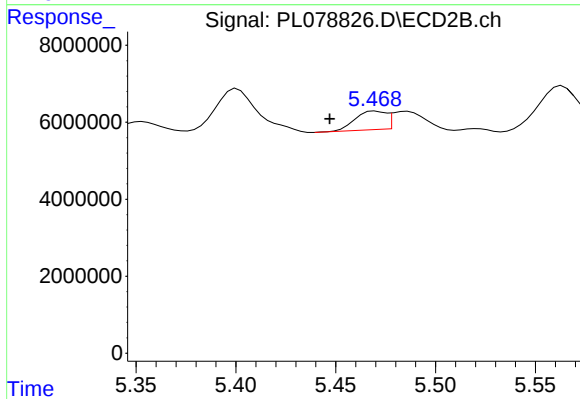
#26 Chlordane-4

R.T.: 4.808 min  
Delta R.T.: 0.023 min  
Response: 16432218  
Conc: 50.29 ng/ml



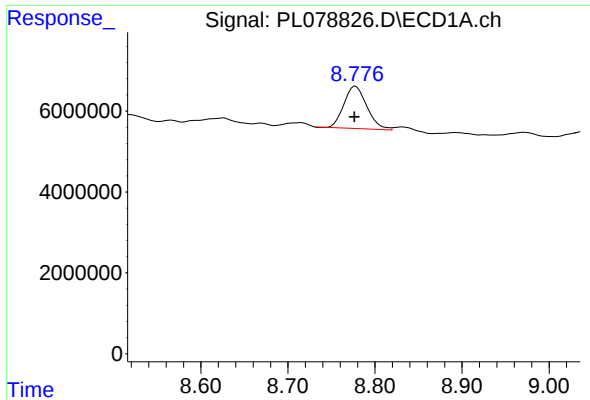
#27 Chlordane-5

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



#27 Chlordane-5

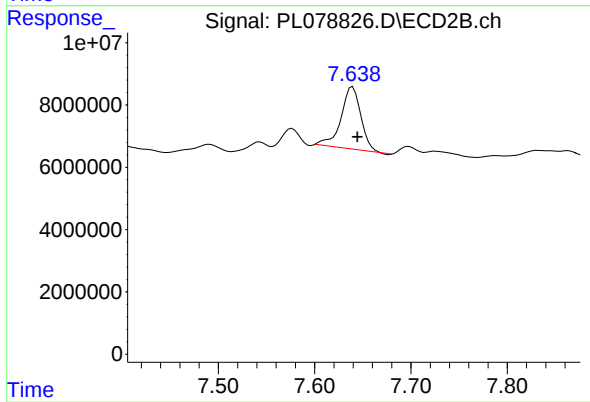
R.T.: 5.470 min  
Delta R.T.: 0.023 min  
Response: 5139816  
Conc: 63.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.778 min  
Delta R.T.: 0.001 min  
Response: 19180579  
Conc: 12.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.639 min  
Delta R.T.: -0.005 min  
Response: 27992467  
Conc: 14.78 ng/ml