

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101822\  
 Data File : PL078416.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2022 16:10  
 Operator : AR\AJ  
 Sample : N5160-01MS 10X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 19 04:51:59 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101222.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 12 15:30:54 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  | 2472541  | 8273074  | 1.496   | 3.130 #   |
| 2)                          | SA Decachlor... | 8.913  | 7.716  | 5571965  | 5260909  | 3.609   | 2.420 #   |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.879  | 3.114  | 13621442 | 26185695 | 5.417   | 6.291     |
| 3)                          | MA gamma-BHC... | 4.215  | 3.437  | 13774704 | 22719501 | 5.907   | 6.520     |
| 4)                          | MA Heptachlor   | 4.790  | 3.768  | 12466314 | 24067446 | 5.608   | 6.739     |
| 5)                          | MB Aldrin       | 5.130  | 4.041  | 14860615 | 47378429 | 7.096   | 13.927 #  |
| 6)                          | B beta-BHC      | 4.428  | 3.738  | 13788926 | 9007193  | 13.864  | 6.110 #   |
| 7)                          | B delta-BHC     | 4.672  | 3.960  | 12120611 | 36554651 | 6.595   | 9.889 #   |
| 8)                          | B Heptachlo...  | 5.564  | 4.541  | 16538788 | 18866330 | 10.863  | 6.403 #   |
| 9)                          | A Endosulfan I  | 5.950  | 4.908  | 9039337  | 12076705 | 5.385   | 4.379     |
| 10)                         | B gamma-Chl...  | 5.819  | 4.790  | 25912518 | 41448092 | 14.543  | 13.846    |
| 11)                         | B alpha-Chl...  | 5.897  | 4.851  | 26359355 | 43079616 | 14.720  | 14.960    |
| 12)                         | B 4,4'-DDE      | 6.073  | 5.046  | 9776509  | 25615011 | 5.801   | 8.960 #   |
| 13)                         | MA Dieldrin     | 6.228  | 5.169  | 11599591 | 34145221 | 6.742   | 11.653 #  |
| 14)                         | MA Endrin       | 6.459  | 5.441  | 6383516  | 20326561 | 4.278   | 8.825 #   |
| 15)                         | B Endosulfa...  | 6.688  | 5.739  | 9932346  | 24431158 | 7.409   | 9.980 #   |
| 16)                         | A 4,4'-DDD      | 6.600  | 5.599  | 7779676  | 12751738 | 6.318   | 5.725     |
| 17)                         | MA 4,4'-DDT     | 6.912  | 5.847  | 12459566 | 23098288 | 8.511   | 10.176    |
| 18)                         | B Endrin al...  | 6.819  | 5.917  | 7032592  | 12881803 | 6.145   | 6.962     |
| 19)                         | B Endosulfa...  | 7.052  | 6.140  | 7970616  | 14404706 | 5.588   | 5.984     |
| 20)                         | A Methoxychlor  | 7.395  | 6.425  | 4152984  | 12557705 | 5.481   | 9.943 #   |
| 21)                         | B Endrin ke...  | 7.542  | 6.639  | 10435530 | 17064171 | 6.689   | 6.441     |
| 22)                         | Mirex           | 7.999  | 6.814  | 3387421  | 11395117 | 2.868   | 5.923 #   |
| 23)                         | Chlordane-1     | 4.574  | 3.597  | 2589745  | 10486125 | 40.938  | 109.408 # |
| 24)                         | Chlordane-2     | 5.130f | 4.148f | 14860615 | 34727645 | 210.988 | 344.551 # |
| 25)                         | Chlordane-3     | 5.819  | 4.790  | 25912518 | 41448092 | 99.671  | 135.470 # |
| 26)                         | Chlordane-4     | 5.897  | 4.851  | 26359355 | 43079616 | 82.535  | 133.408 # |
| 27)                         | Chlordane-5     | 6.757  | 5.516  | 2447331  | 1806277  | 48.195  | 21.168 #  |
| -----                       |                 |        |        |          |          |         |           |

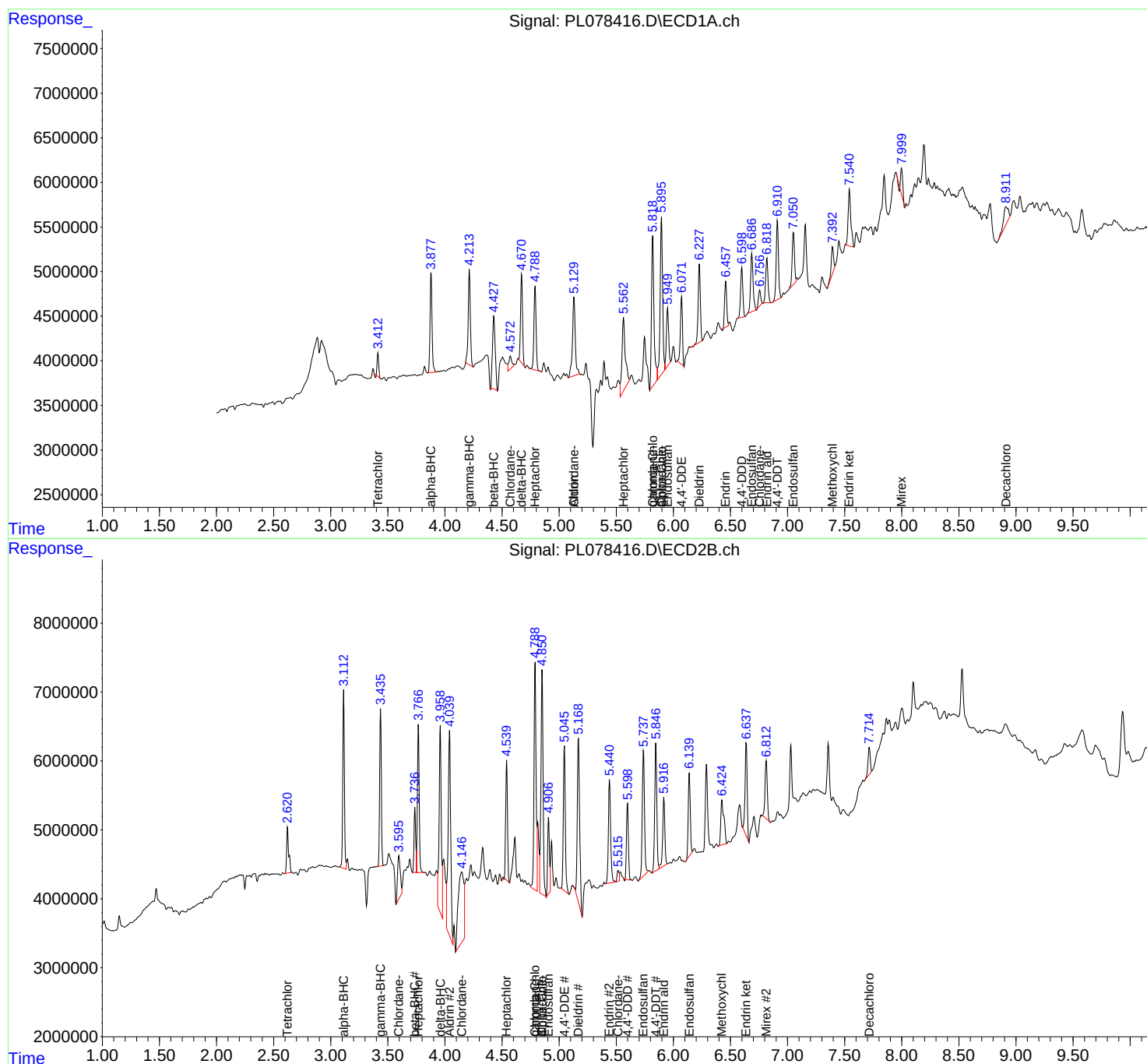
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

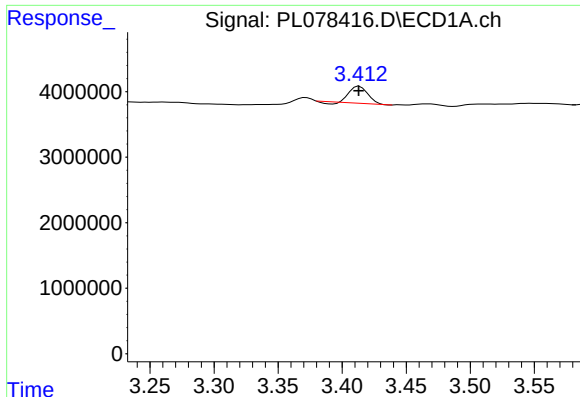
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101822\  
Data File : PL078416.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Oct 2022 16:10  
Operator : AR\AJ  
Sample : N5160-01MS 10X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 19 04:51:59 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101222.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 12 15:30:54 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

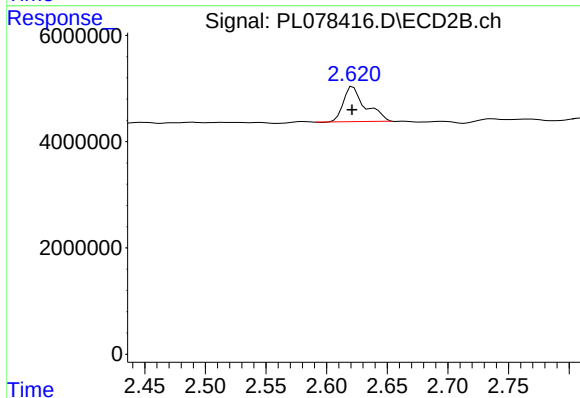




#1 Tetrachloro-m-xylene

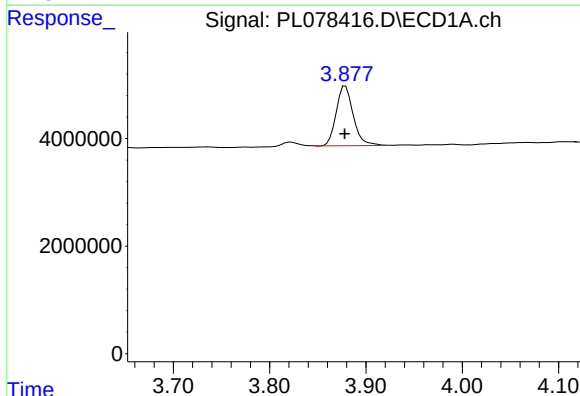
R.T.: 3.414 min  
Delta R.T.: 0.000 min  
Response: 2472541  
Conc: 1.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



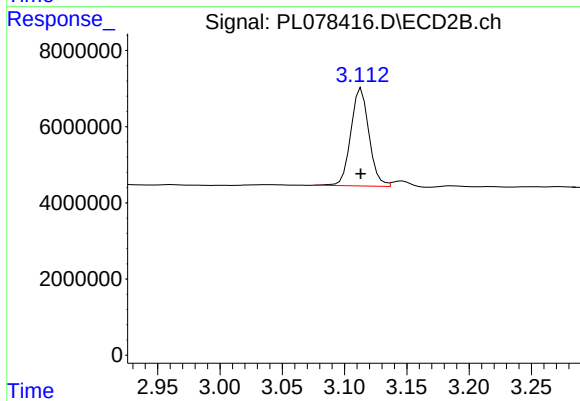
#1 Tetrachloro-m-xylene

R.T.: 2.622 min  
Delta R.T.: 0.001 min  
Response: 8273074  
Conc: 3.13 ng/ml



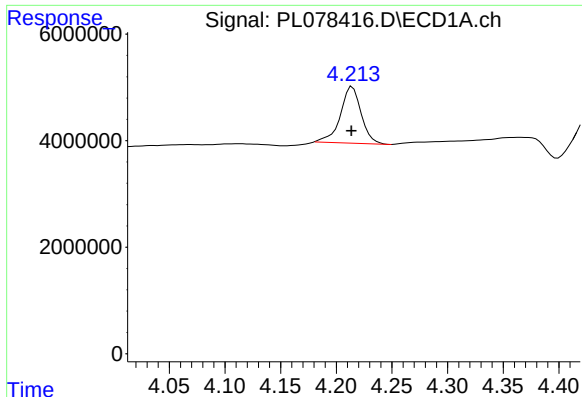
#2 alpha-BHC

R.T.: 3.879 min  
Delta R.T.: 0.000 min  
Response: 13621442  
Conc: 5.42 ng/ml



#2 alpha-BHC

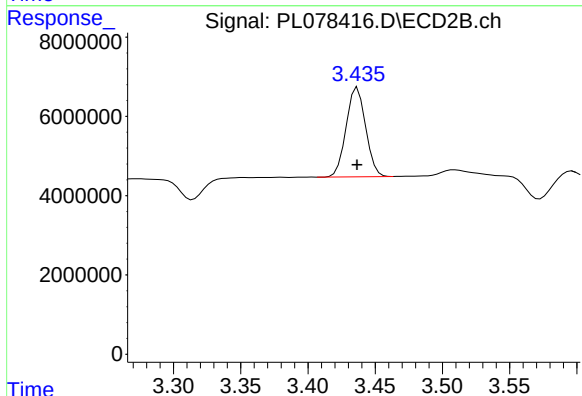
R.T.: 3.114 min  
Delta R.T.: 0.000 min  
Response: 26185695  
Conc: 6.29 ng/ml



#3 gamma-BHC (Lindane)

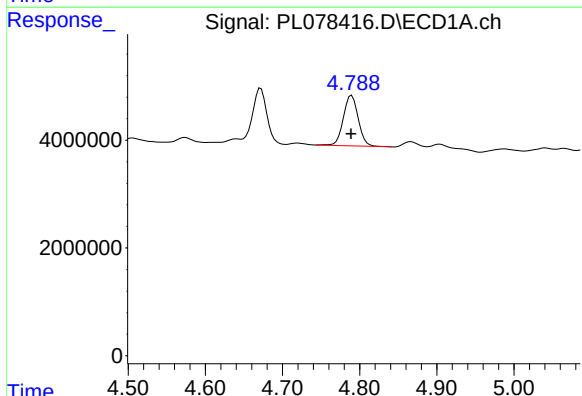
R.T.: 4.215 min  
Delta R.T.: 0.001 min  
Response: 13774704  
Conc: 5.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



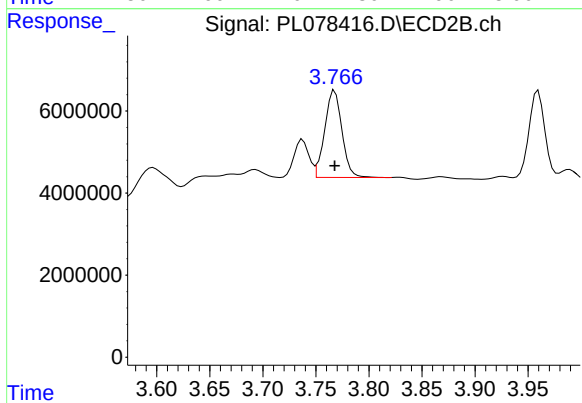
#3 gamma-BHC (Lindane)

R.T.: 3.437 min  
Delta R.T.: 0.000 min  
Response: 22719501  
Conc: 6.52 ng/ml



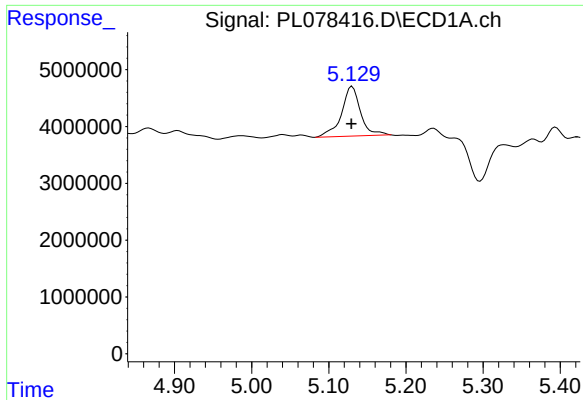
#4 Heptachlor

R.T.: 4.790 min  
Delta R.T.: 0.000 min  
Response: 12466314  
Conc: 5.61 ng/ml



#4 Heptachlor

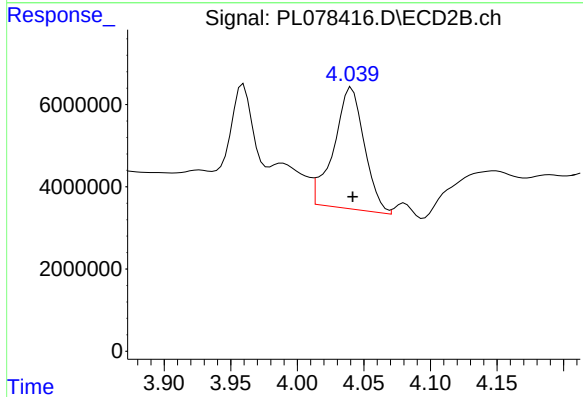
R.T.: 3.768 min  
Delta R.T.: 0.000 min  
Response: 24067446  
Conc: 6.74 ng/ml



#5 Aldrin

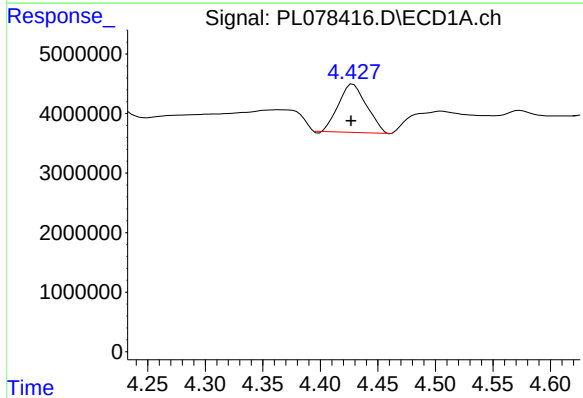
R.T.: 5.130 min  
Delta R.T.: 0.000 min  
Response: 14860615  
Conc: 7.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



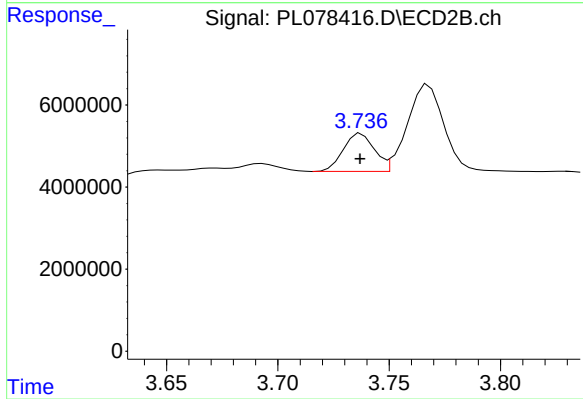
#5 Aldrin

R.T.: 4.041 min  
Delta R.T.: 0.000 min  
Response: 47378429  
Conc: 13.93 ng/ml



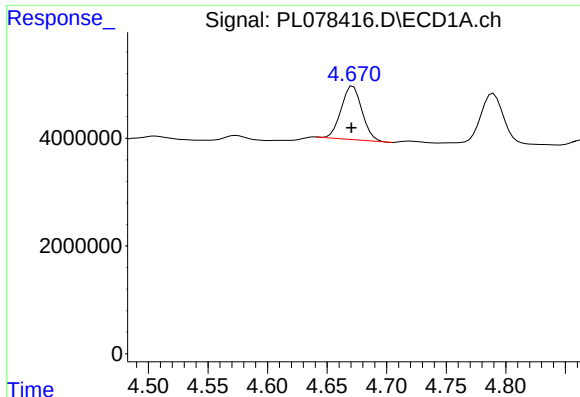
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: 0.002 min  
Response: 13788926  
Conc: 13.86 ng/ml



#6 beta-BHC

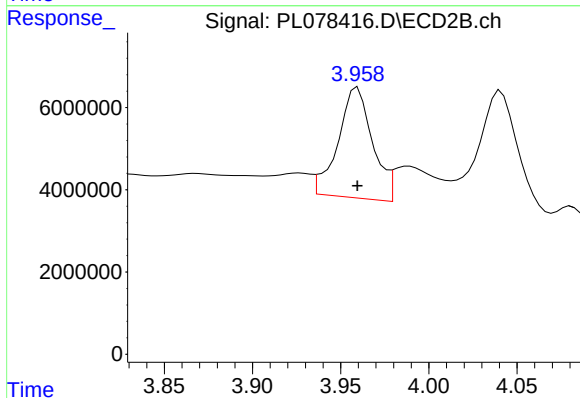
R.T.: 3.738 min  
Delta R.T.: 0.000 min  
Response: 9007193  
Conc: 6.11 ng/ml



#7 delta-BHC

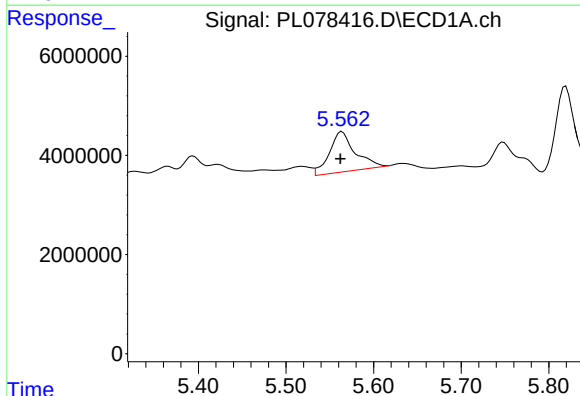
R.T.: 4.672 min  
Delta R.T.: 0.001 min  
Response: 12120611  
Conc: 6.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



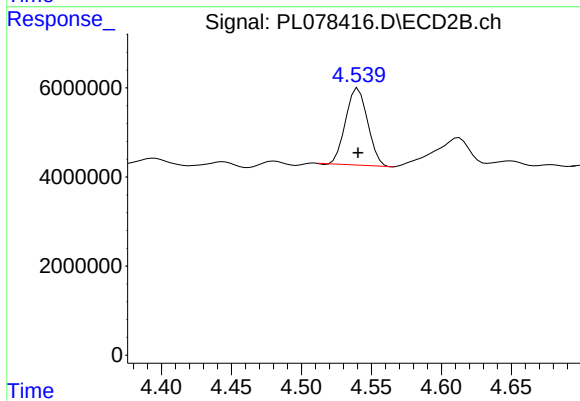
#7 delta-BHC

R.T.: 3.960 min  
Delta R.T.: 0.000 min  
Response: 36554651  
Conc: 9.89 ng/ml



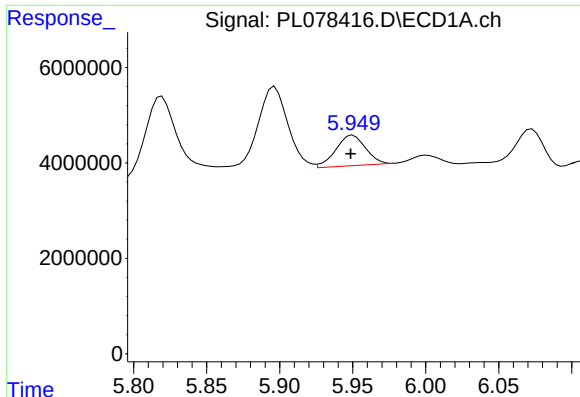
#8 Heptachlor epoxide

R.T.: 5.564 min  
Delta R.T.: 0.002 min  
Response: 16538788  
Conc: 10.86 ng/ml



#8 Heptachlor epoxide

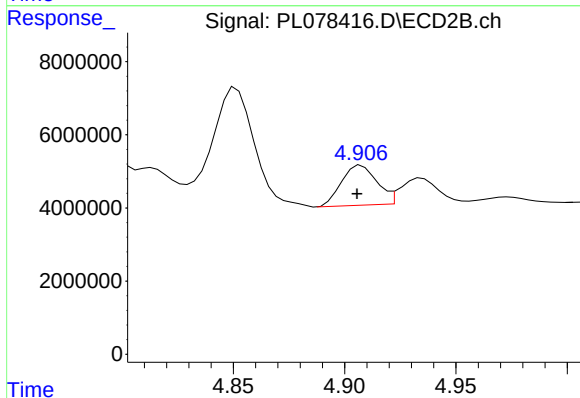
R.T.: 4.541 min  
Delta R.T.: 0.000 min  
Response: 18866330  
Conc: 6.40 ng/ml



#9 Endosulfan I

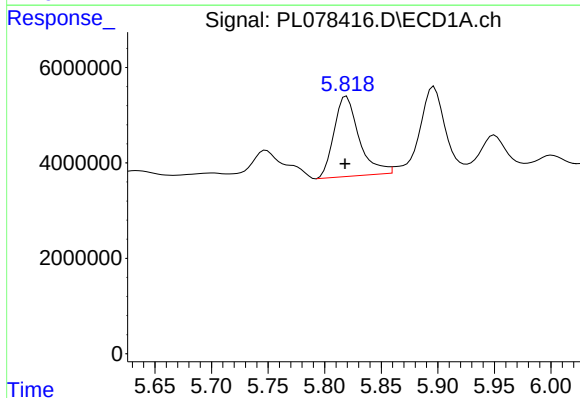
R.T.: 5.950 min  
Delta R.T.: 0.002 min  
Response: 9039337  
Conc: 5.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



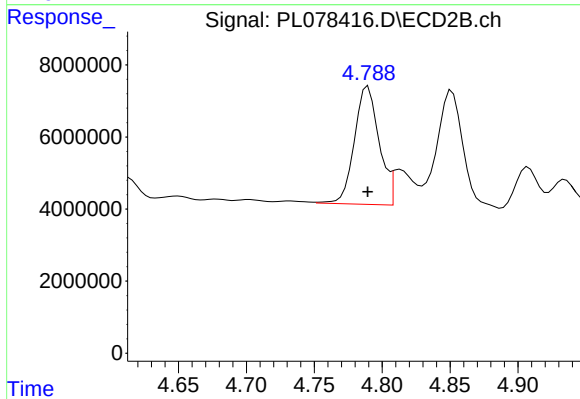
#9 Endosulfan I

R.T.: 4.908 min  
Delta R.T.: 0.002 min  
Response: 12076705  
Conc: 4.38 ng/ml



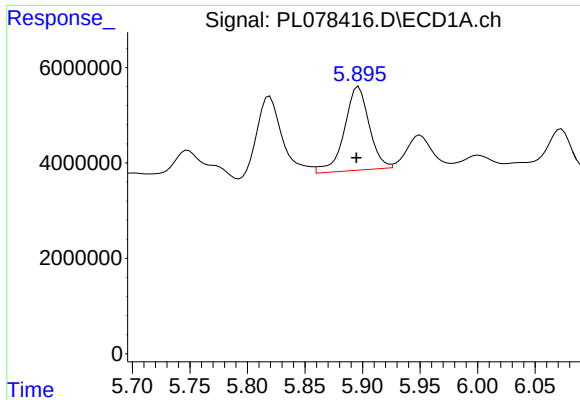
#10 gamma-Chlordane

R.T.: 5.819 min  
Delta R.T.: 0.001 min  
Response: 25912518  
Conc: 14.54 ng/ml



#10 gamma-Chlordane

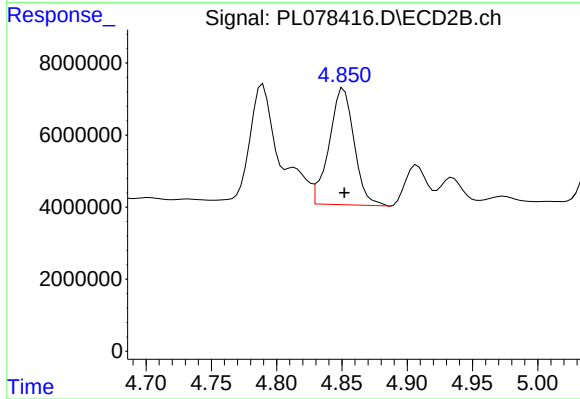
R.T.: 4.790 min  
Delta R.T.: 0.000 min  
Response: 41448092  
Conc: 13.85 ng/ml



#11 alpha-Chlordane

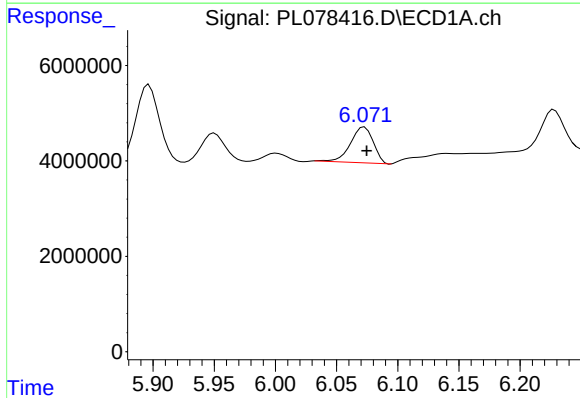
R.T.: 5.897 min  
Delta R.T.: 0.002 min  
Response: 26359355  
Conc: 14.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



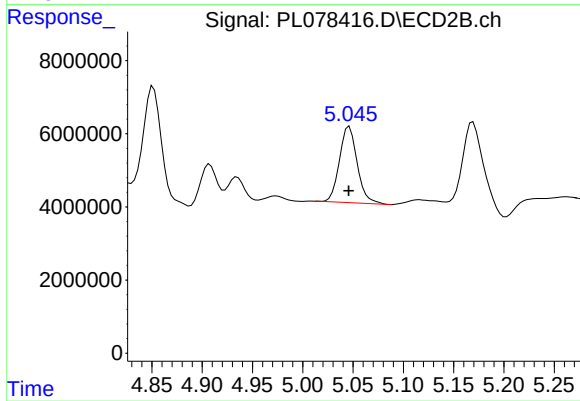
#11 alpha-Chlordane

R.T.: 4.851 min  
Delta R.T.: 0.000 min  
Response: 43079616  
Conc: 14.96 ng/ml



#12 4,4'-DDE

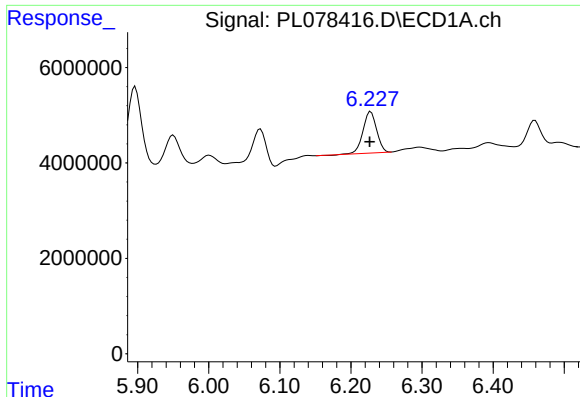
R.T.: 6.073 min  
Delta R.T.: -0.002 min  
Response: 9776509  
Conc: 5.80 ng/ml



#12 4,4'-DDE

R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 25615011  
Conc: 8.96 ng/ml

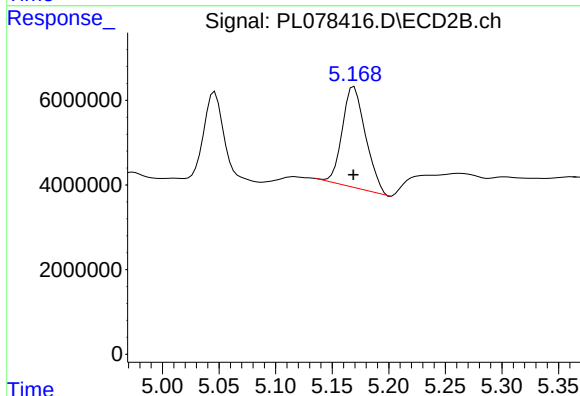




#13 Dieldrin

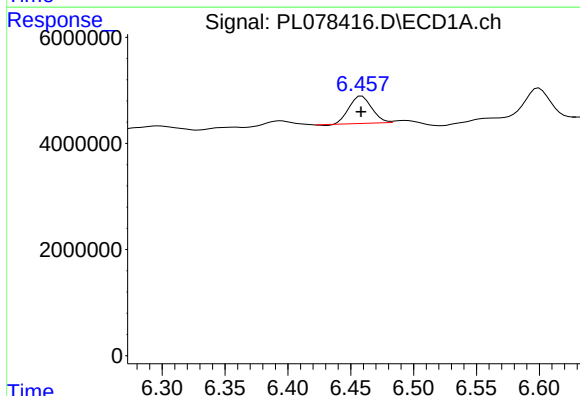
R.T.: 6.228 min  
Delta R.T.: 0.002 min  
Response: 11599591  
Conc: 6.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



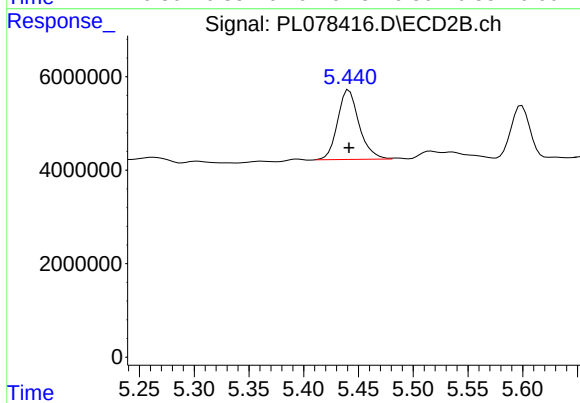
#13 Dieldrin

R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 34145221  
Conc: 11.65 ng/ml



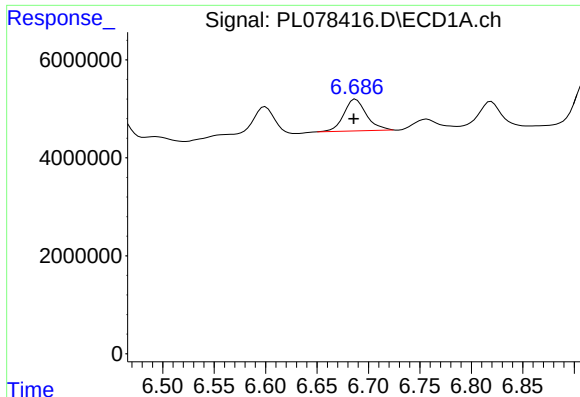
#14 Endrin

R.T.: 6.459 min  
Delta R.T.: 0.000 min  
Response: 6383516  
Conc: 4.28 ng/ml



#14 Endrin

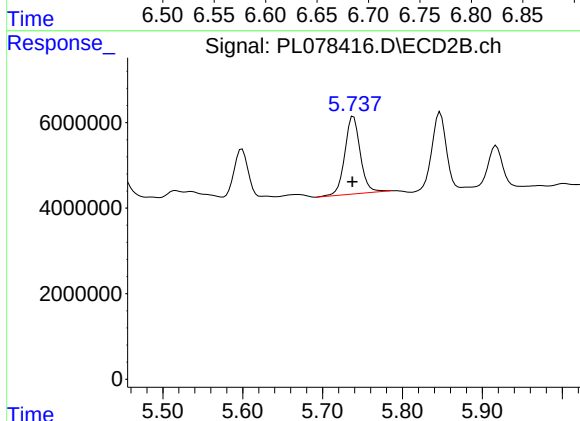
R.T.: 5.441 min  
Delta R.T.: 0.000 min  
Response: 20326561  
Conc: 8.82 ng/ml



#15 Endosulfan II

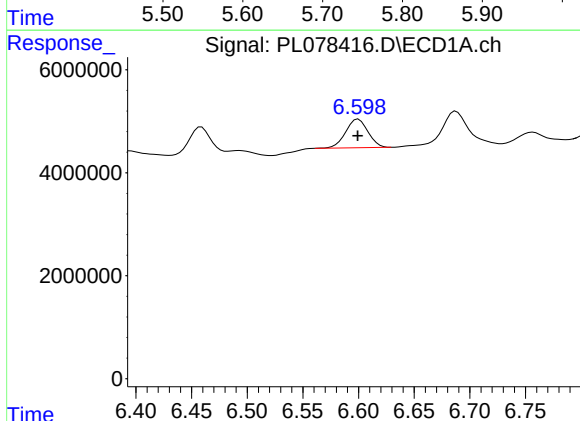
R.T.: 6.688 min  
Delta R.T.: 0.002 min  
Response: 9932346  
Conc: 7.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



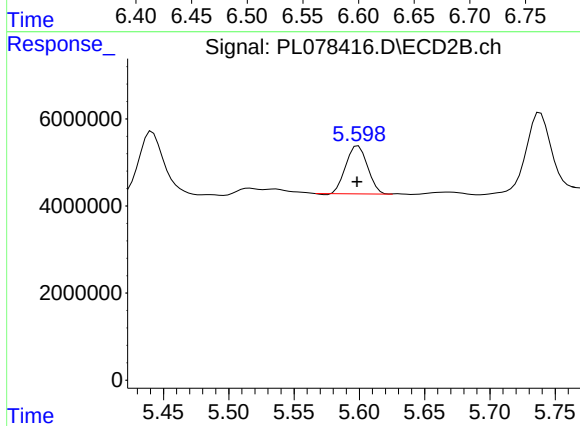
#15 Endosulfan II

R.T.: 5.739 min  
Delta R.T.: 0.001 min  
Response: 24431158  
Conc: 9.98 ng/ml



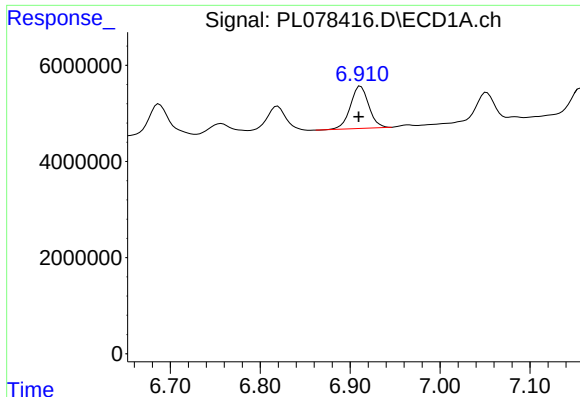
#16 4,4'-DDD

R.T.: 6.600 min  
Delta R.T.: 0.000 min  
Response: 7779676  
Conc: 6.32 ng/ml



#16 4,4'-DDD

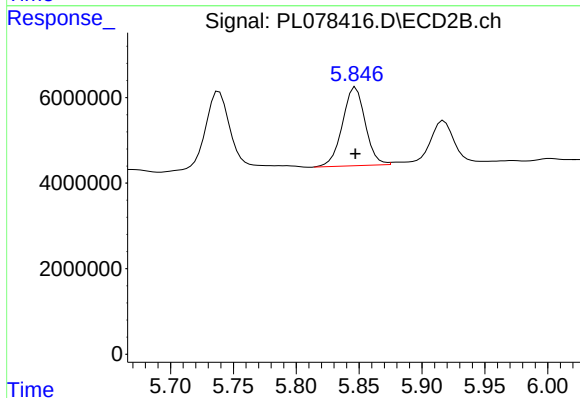
R.T.: 5.599 min  
Delta R.T.: 0.000 min  
Response: 12751738  
Conc: 5.72 ng/ml



#17 4,4'-DDT

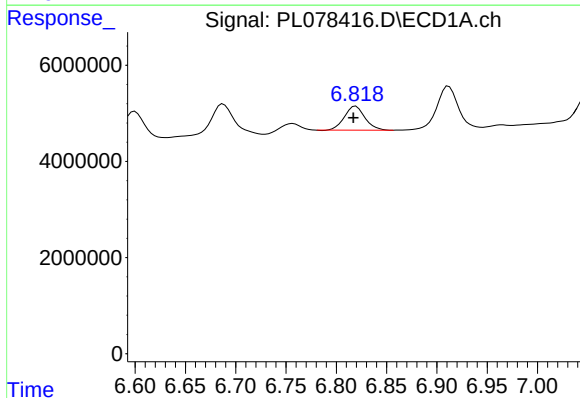
R.T.: 6.912 min  
Delta R.T.: 0.002 min  
Response: 12459566  
Conc: 8.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



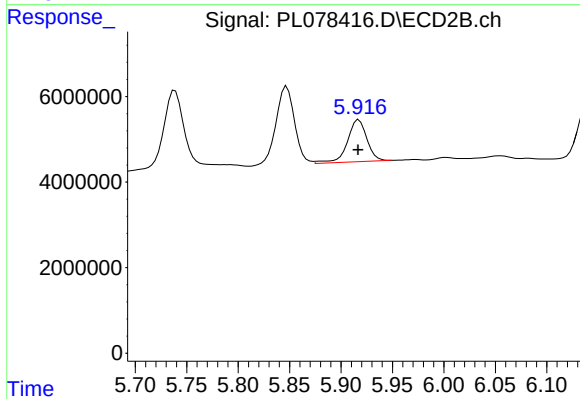
#17 4,4'-DDT

R.T.: 5.847 min  
Delta R.T.: 0.000 min  
Response: 23098288  
Conc: 10.18 ng/ml



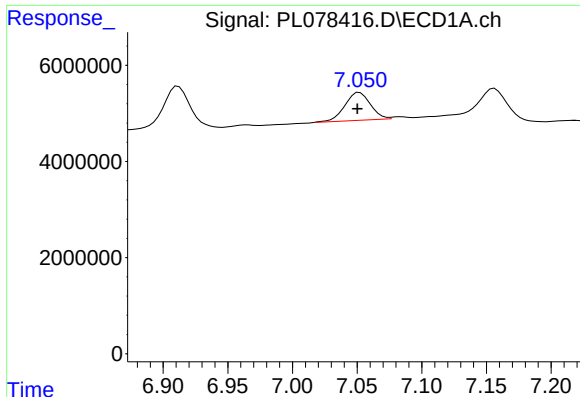
#18 Endrin aldehyde

R.T.: 6.819 min  
Delta R.T.: 0.002 min  
Response: 7032592  
Conc: 6.15 ng/ml



#18 Endrin aldehyde

R.T.: 5.917 min  
Delta R.T.: 0.000 min  
Response: 12881803  
Conc: 6.96 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.052 min  
Delta R.T.: 0.002 min  
Response: 7970616  
Conc: 5.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :

#19 Endosulfan Sulfate

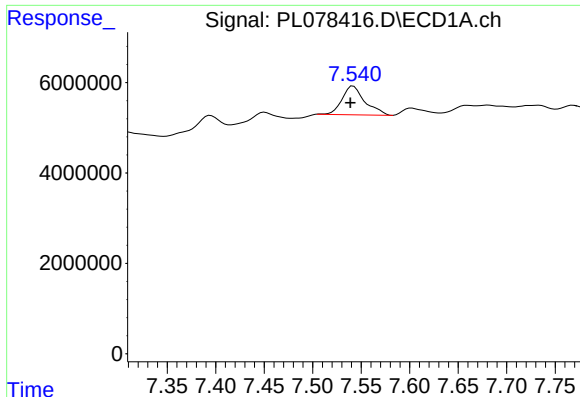
R.T.: 6.140 min  
Delta R.T.: 0.000 min  
Response: 14404706  
Conc: 5.98 ng/ml

#20 Methoxychlor

R.T.: 7.395 min  
Delta R.T.: 0.004 min  
Response: 4152984  
Conc: 5.48 ng/ml

#20 Methoxychlor

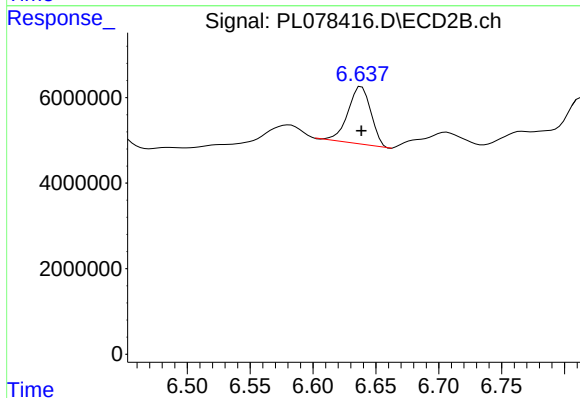
R.T.: 6.425 min  
Delta R.T.: 0.002 min  
Response: 12557705  
Conc: 9.94 ng/ml



#21 Endrin ketone

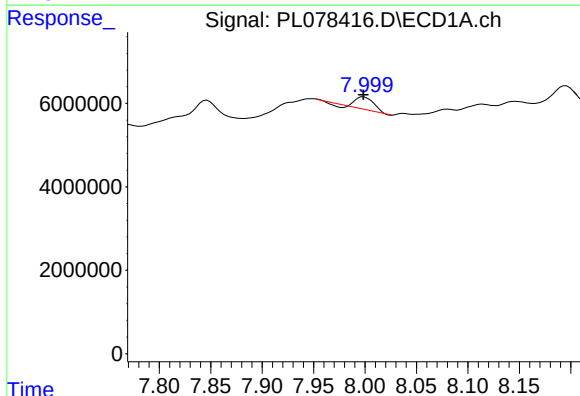
R.T.: 7.542 min  
Delta R.T.: 0.003 min  
Response: 10435530  
Conc: 6.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



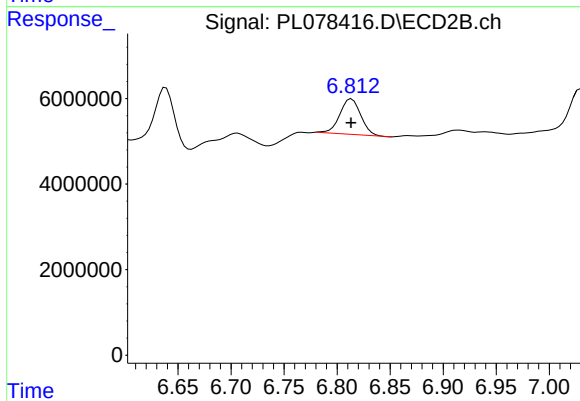
#21 Endrin ketone

R.T.: 6.639 min  
Delta R.T.: 0.000 min  
Response: 17064171  
Conc: 6.44 ng/ml



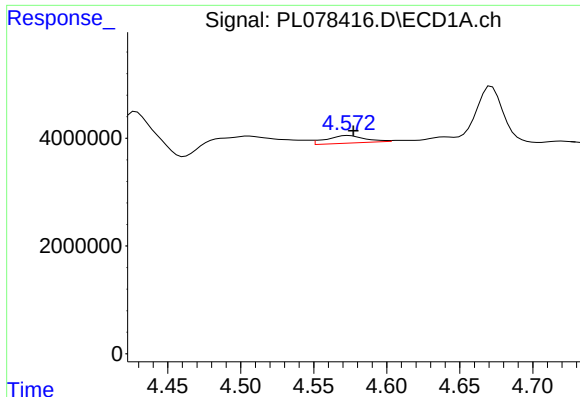
#22 Mirex

R.T.: 7.999 min  
Delta R.T.: 0.000 min  
Response: 3387421  
Conc: 2.87 ng/ml



#22 Mirex

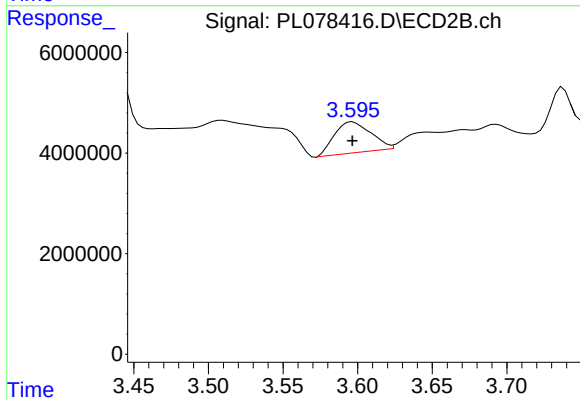
R.T.: 6.814 min  
Delta R.T.: 0.000 min  
Response: 11395117  
Conc: 5.92 ng/ml



#23 Chlordane-1

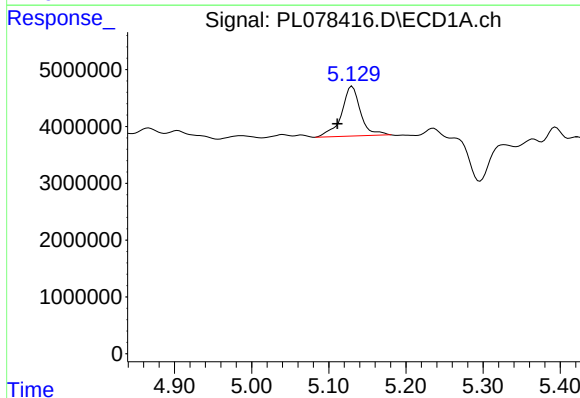
R.T.: 4.574 min  
Delta R.T.: -0.004 min  
Response: 2589745  
Conc: 40.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



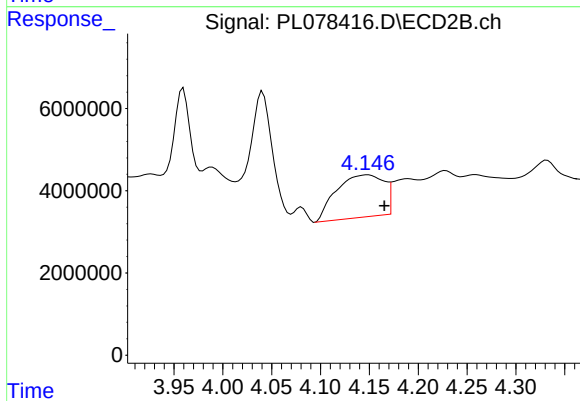
#23 Chlordane-1

R.T.: 3.597 min  
Delta R.T.: 0.000 min  
Response: 10486125  
Conc: 109.41 ng/ml



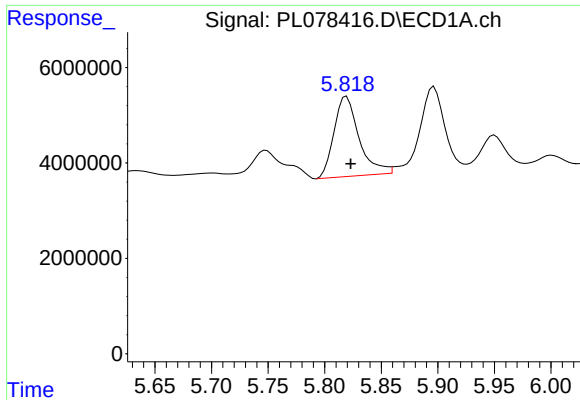
#24 Chlordane-2

R.T.: 5.130 min  
Delta R.T.: 0.019 min  
Response: 14860615  
Conc: 210.99 ng/ml



#24 Chlordane-2

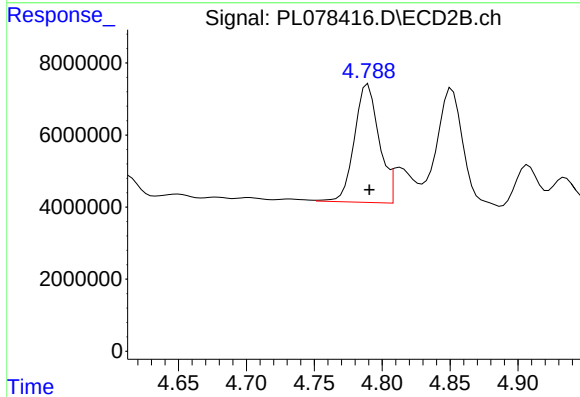
R.T.: 4.148 min  
Delta R.T.: -0.017 min  
Response: 34727645  
Conc: 344.55 ng/ml



#25 Chlordane-3

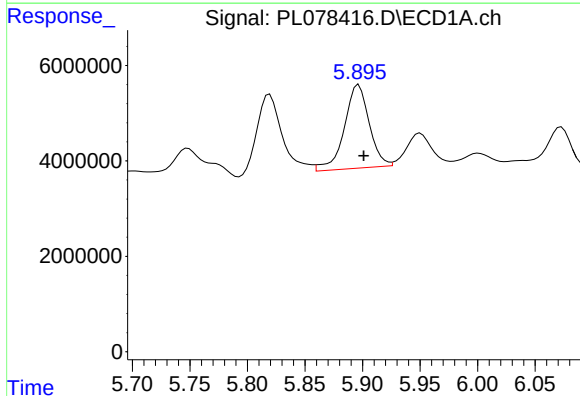
R.T.: 5.819 min  
Delta R.T.: -0.004 min  
Response: 25912518  
Conc: 99.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



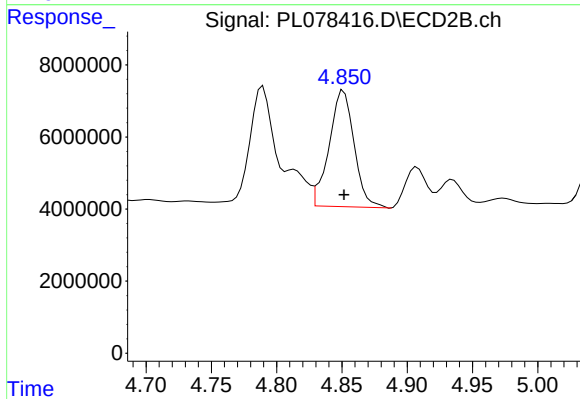
#25 Chlordane-3

R.T.: 4.790 min  
Delta R.T.: -0.001 min  
Response: 41448092  
Conc: 135.47 ng/ml



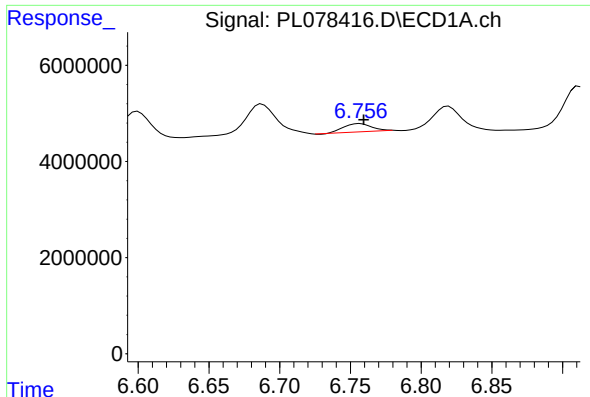
#26 Chlordane-4

R.T.: 5.897 min  
Delta R.T.: -0.004 min  
Response: 26359355  
Conc: 82.53 ng/ml



#26 Chlordane-4

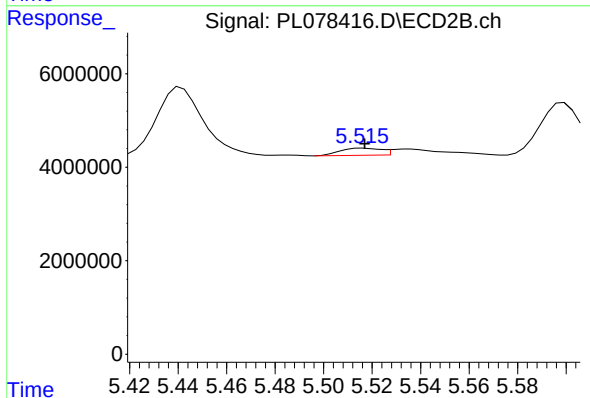
R.T.: 4.851 min  
Delta R.T.: 0.000 min  
Response: 43079616  
Conc: 133.41 ng/ml



#27 Chlordane-5

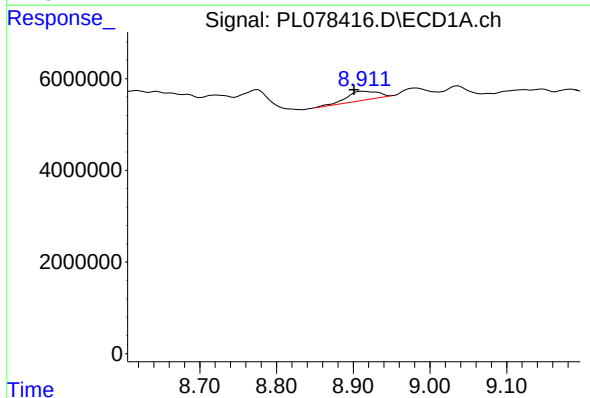
R.T.: 6.757 min  
Delta R.T.: -0.003 min  
Response: 2447331  
Conc: 48.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



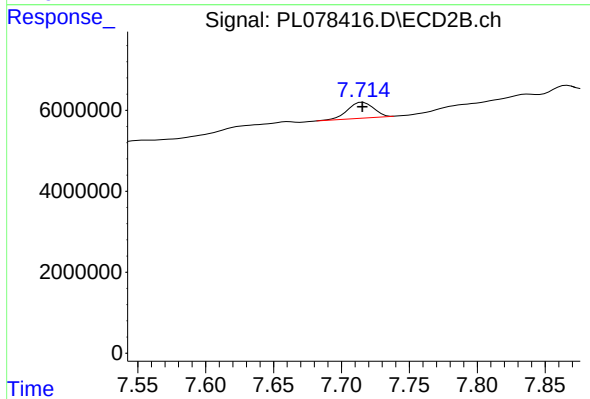
#27 Chlordane-5

R.T.: 5.516 min  
Delta R.T.: 0.000 min  
Response: 1806277  
Conc: 21.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.913 min  
Delta R.T.: 0.012 min  
Response: 5571965  
Conc: 3.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.716 min  
Delta R.T.: 0.000 min  
Response: 5260909  
Conc: 2.42 ng/ml