

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080123\  
 Data File : PL084412.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Jul 2023 23:11  
 Operator : AR\AJ  
 Sample : 03815-03  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 01 05:35:59 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080123.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 31 17:26:06 2023  
 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... | 3.476  | 2.689  | 15079179 | 6462537  | 6.526  | 5.911    |
| 28)                         | SA Decachlor... | 9.054f | 7.868  | 46426371 | 9848113  | 30.230 | 8.054 #  |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.202  | 0        | 1212073  | N.D.   | 0.740 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.537  | 0        | 149091   | N.D.   | 0.094 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.869  | 0        | 577298   | N.D.   | 0.386 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.131  | 0        | 1070469  | N.D.   | 0.706 #  |
| 6)                          | B beta-BHC      | 4.460  | 3.846f | 256660   | 336461   | 0.178  | 0.485 #  |
| 7)                          | B delta-BHC     | 4.732f | 4.060  | 1594800  | 993412   | 0.487  | 0.632 #  |
| 8)                          | B Heptachlo...  | 5.631  | 4.643  | 3124613  | 1530179  | 1.021  | 1.119    |
| 9)                          | A Endosulfan I  | 0.000  | 5.009  | 0        | 11319815 | N.D.   | 8.862 #  |
| 10)                         | B gamma-Chl...  | 0.000  | 4.888f | 0        | 3640688  | N.D.   | 2.605 #  |
| 11)                         | B alpha-Chl...  | 5.977  | 4.962  | 28643001 | 557917   | 10.067 | 0.397 #  |
| 12)                         | B 4,4'-DDE      | 6.144  | 5.144f | 1779490  | 3678725  | 0.779  | 2.920 #  |
| 13)                         | MA Dieldrin     | 6.318f | 5.296  | 3548354  | 1206579  | 1.330  | 0.862 #  |
| 14)                         | MA Endrin       | 6.502f | 5.541f | 2988738  | 1343320  | 1.359  | 1.071    |
| 15)                         | B Endosulfa...  | 6.744  | 5.860  | 6748966  | -213226  | 3.184  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.655  | 5.723  | 4481433  | 40369    | 2.741  | 0.039 #  |
| 17)                         | MA 4,4'-DDT     | 6.990  | 5.966  | 742670   | 37515258 | 0.417  | 31.491 # |
| 18)                         | B Endrin al...  | 6.882  | 6.068f | 963840   | 1100988  | 0.583  | 1.093 #  |
| 19)                         | B Endosulfa...  | 7.105  | 6.288f | 6478393  | 4182310  | 3.280  | 3.453    |
| 20)                         | A Methoxychlor  | 7.470  | 6.576f | 5101012  | -600758  | 5.523  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.583  | 0.000  | 7112150  | 0        | 3.572  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 6.943  | 0        | 359913   | N.D.   | 0.311 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.265  | 0        | 1545218  | N.D.   | 3.615 #  |
| 25)                         | Chlordane-3     | 5.921f | 4.888f | -1837695 | 3640688  | N.D.   | 2.663    |
| 26)                         | Chlordane-4     | 5.977  | 4.962  | 28643001 | 557917   | 6.228  | 0.390 #  |
| 27)                         | Chlordane-5     | 6.800f | 5.860  | 1987275  | -213226  | 2.834  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

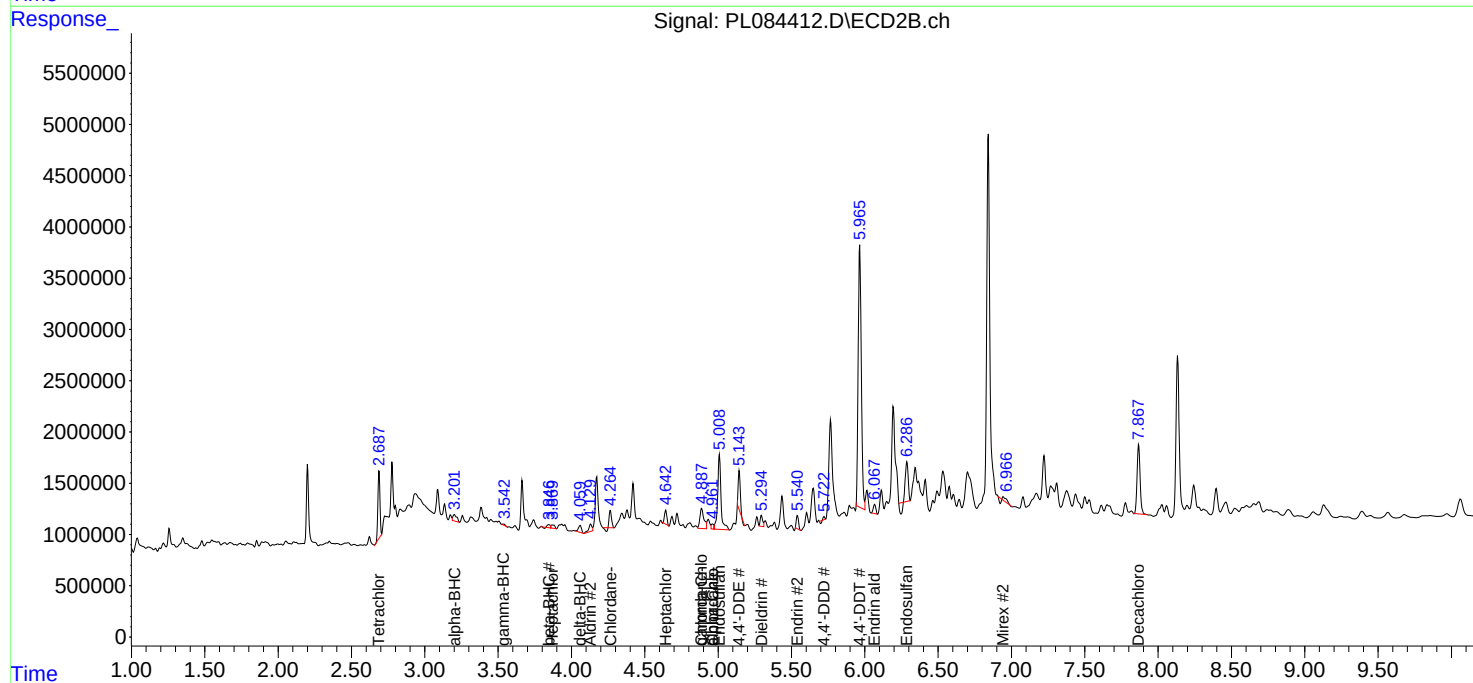
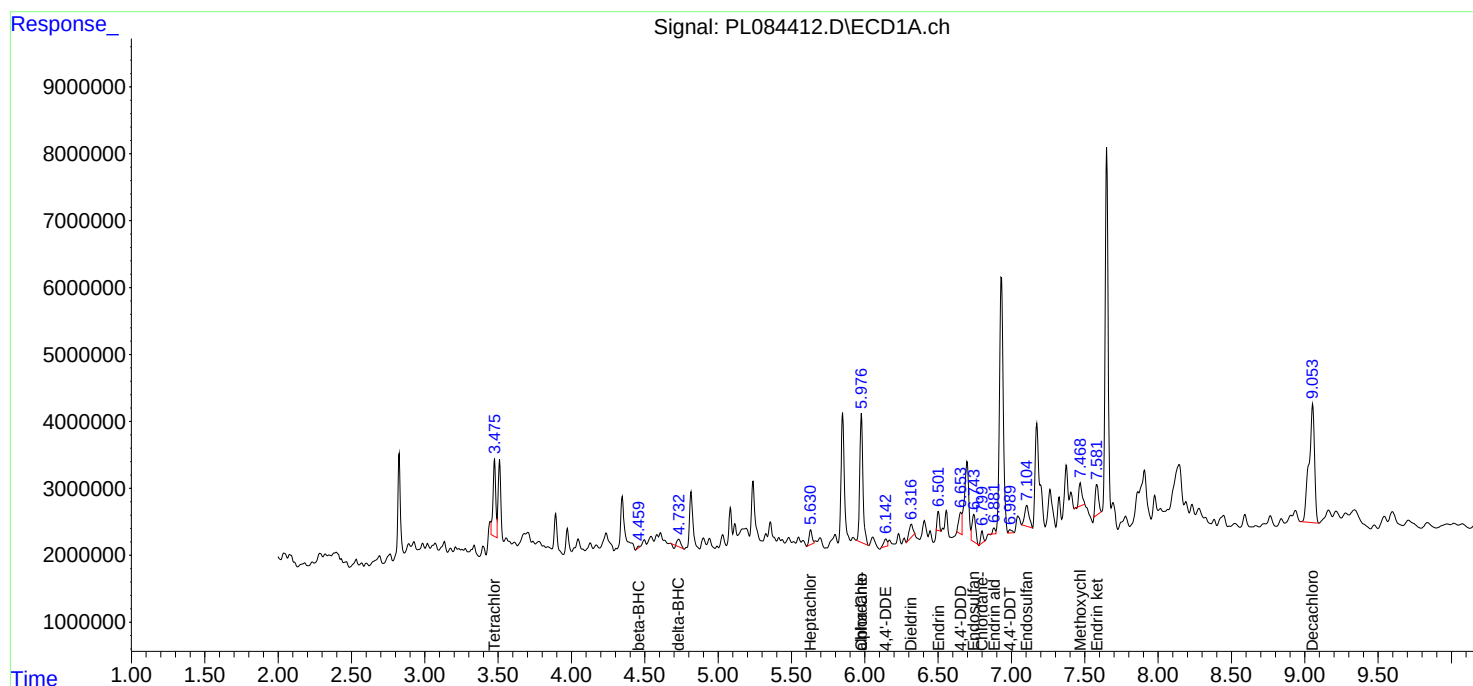
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

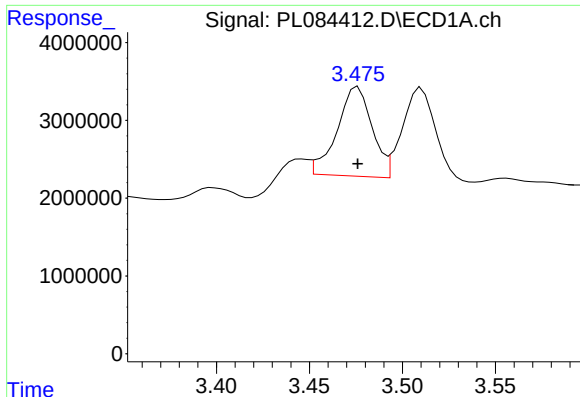
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080123\  
Data File : PL084412.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Jul 2023 23:11  
Operator : AR\AJ  
Sample : 03815-03  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 01 05:35:59 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080123.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 31 17:26:06 2023  
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

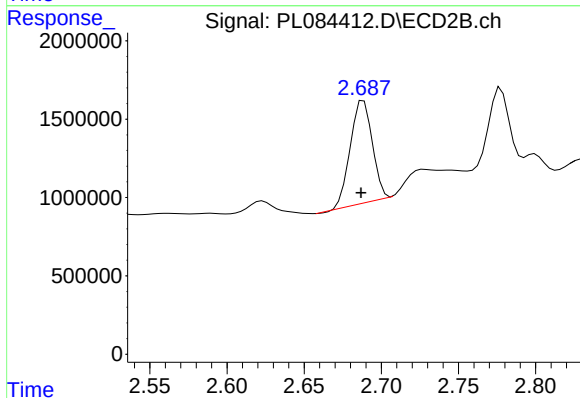




#1 Tetrachloro-m-xylene

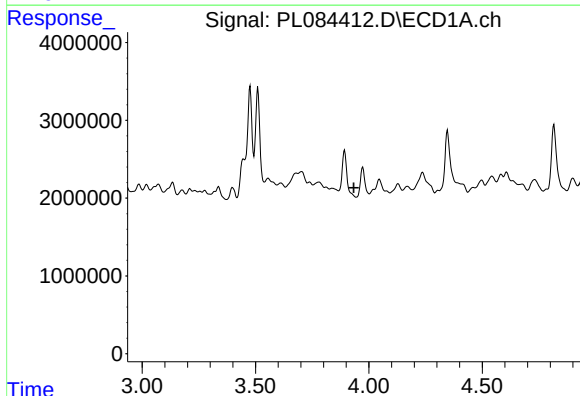
R.T.: 3.476 min  
Delta R.T.: 0.000 min  
Response: 15079179  
Conc: 6.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



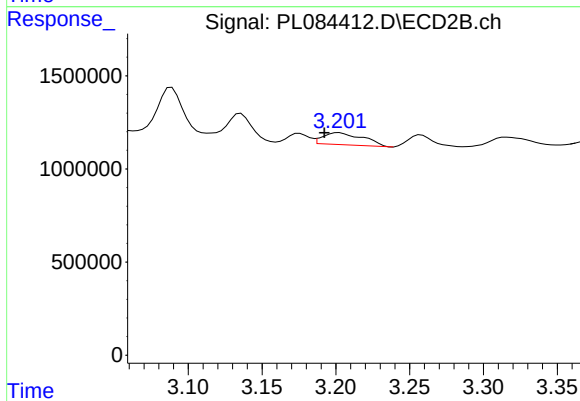
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.002 min  
Response: 6462537  
Conc: 5.91 ng/ml



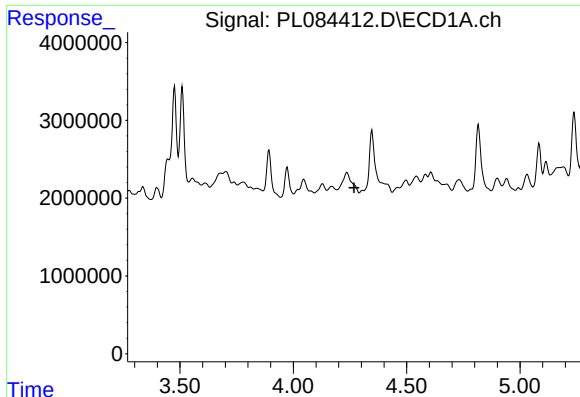
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.934 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

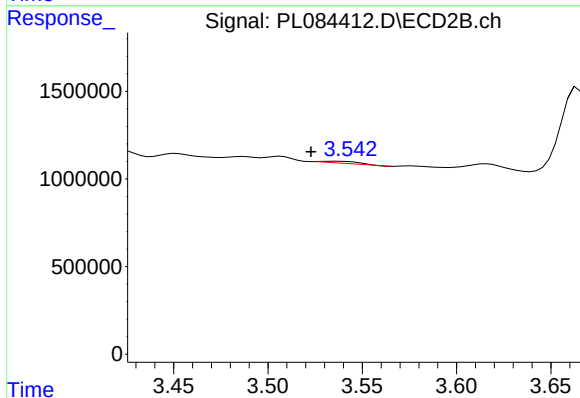
R.T.: 3.202 min  
Delta R.T.: 0.010 min  
Response: 1212073  
Conc: 0.74 ng/ml



#3 gamma-BHC (Lindane)

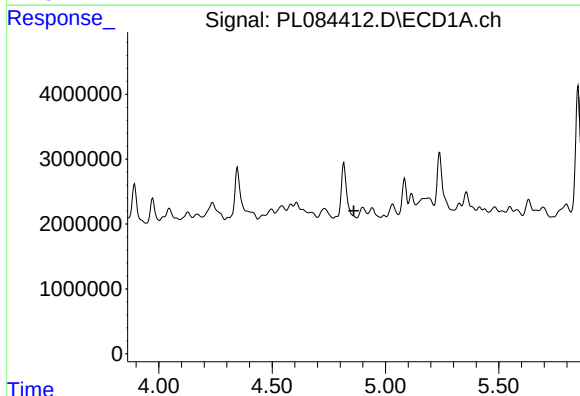
R.T.: 0.000 min  
Exp R.T.: 4.268 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



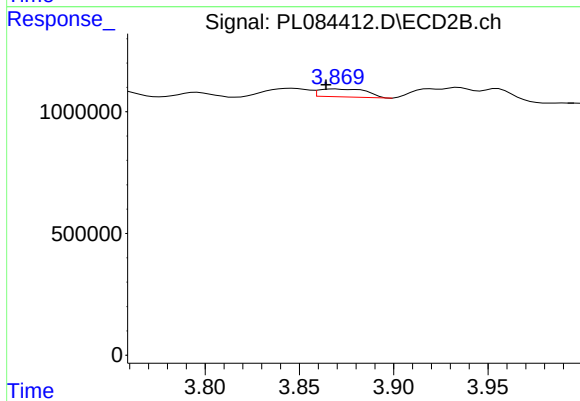
#3 gamma-BHC (Lindane)

R.T.: 3.537 min  
Delta R.T.: 0.014 min  
Response: 149091  
Conc: 0.09 ng/ml



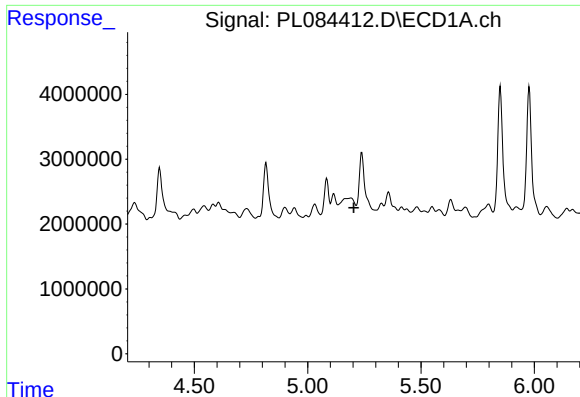
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.861 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

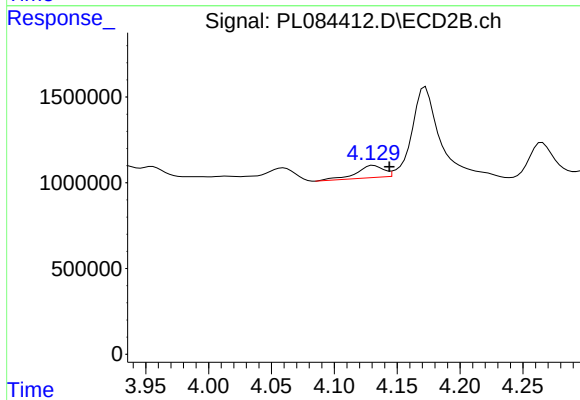
R.T.: 3.869 min  
Delta R.T.: 0.005 min  
Response: 577298  
Conc: 0.39 ng/ml



#5 Aldrin

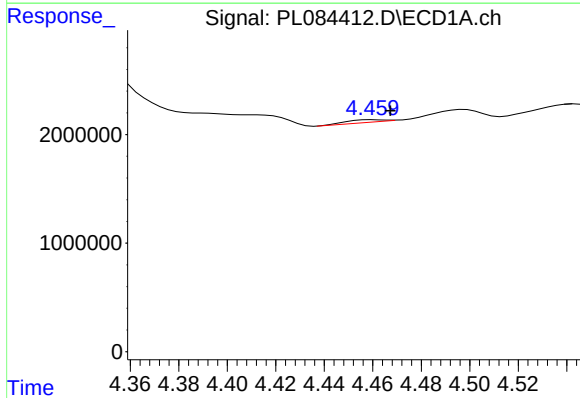
R.T.: 0.000 min  
Exp R.T.: 5.203 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



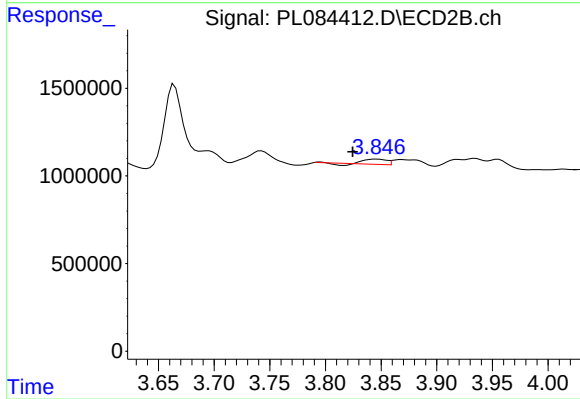
#5 Aldrin

R.T.: 4.131 min  
Delta R.T.: -0.013 min  
Response: 1070469  
Conc: 0.71 ng/ml



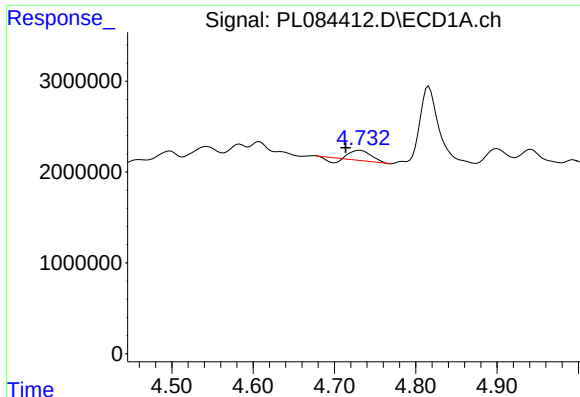
#6 beta-BHC

R.T.: 4.460 min  
Delta R.T.: -0.007 min  
Response: 256660  
Conc: 0.18 ng/ml



#6 beta-BHC

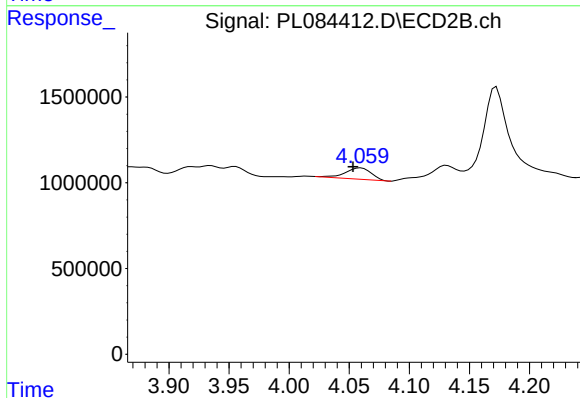
R.T.: 3.846 min  
Delta R.T.: 0.022 min  
Response: 336461  
Conc: 0.48 ng/ml



#7 delta-BHC

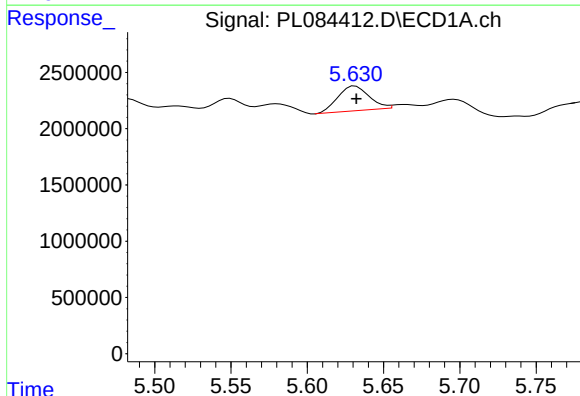
R.T.: 4.732 min  
Delta R.T.: 0.018 min  
Response: 1594800  
Conc: 0.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



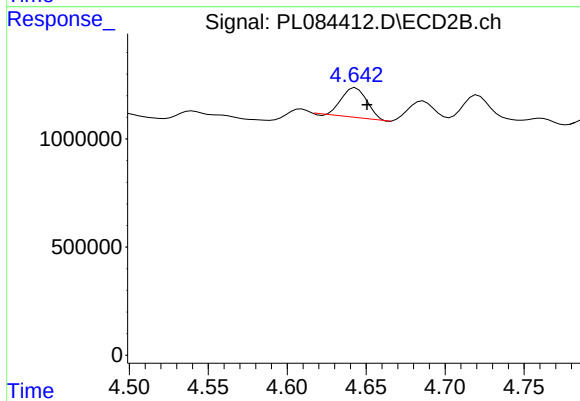
#7 delta-BHC

R.T.: 4.060 min  
Delta R.T.: 0.007 min  
Response: 993412  
Conc: 0.63 ng/ml



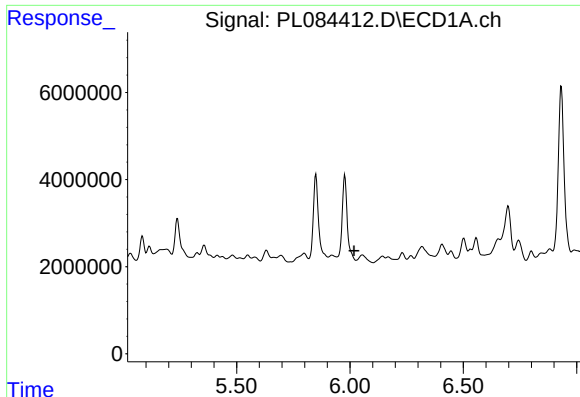
#8 Heptachlor epoxide

R.T.: 5.631 min  
Delta R.T.: 0.000 min  
Response: 3124613  
Conc: 1.02 ng/ml



#8 Heptachlor epoxide

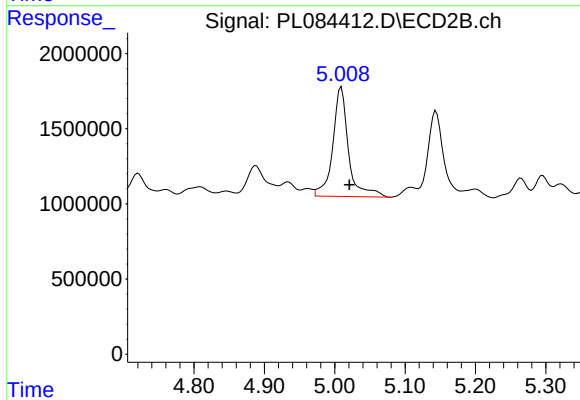
R.T.: 4.643 min  
Delta R.T.: -0.007 min  
Response: 1530179  
Conc: 1.12 ng/ml



#9 Endosulfan I

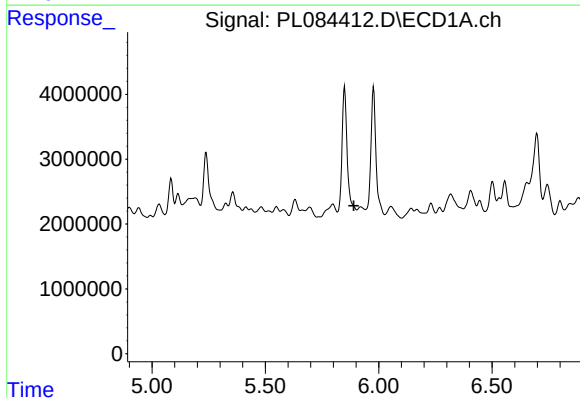
R.T.: 0.000 min  
Exp R.T.: 6.019 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



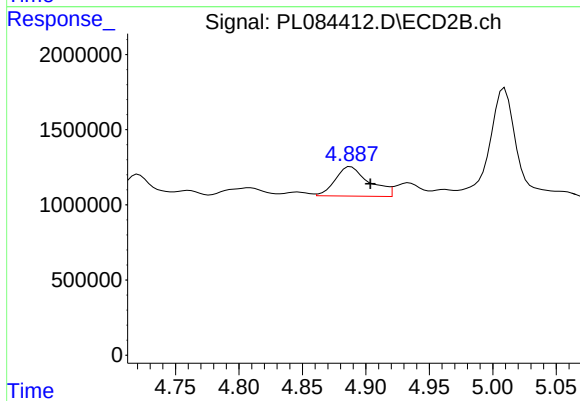
#9 Endosulfan I

R.T.: 5.009 min  
Delta R.T.: -0.011 min  
Response: 11319815  
Conc: 8.86 ng/ml



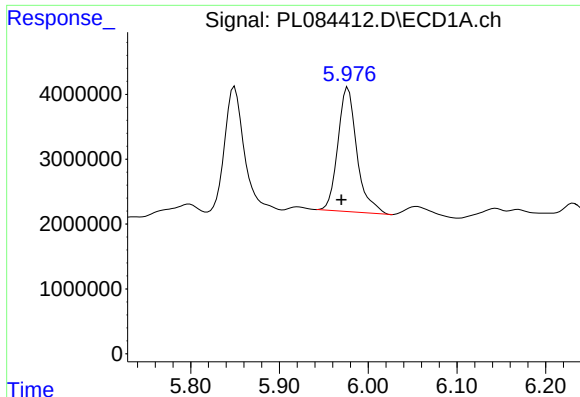
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.890 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

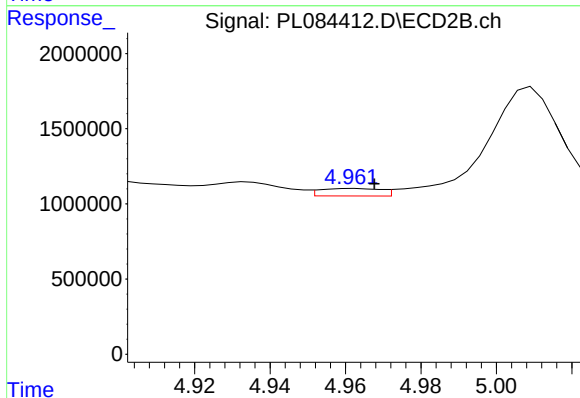
R.T.: 4.888 min  
Delta R.T.: -0.015 min  
Response: 3640688  
Conc: 2.61 ng/ml



#11 alpha-Chlordane

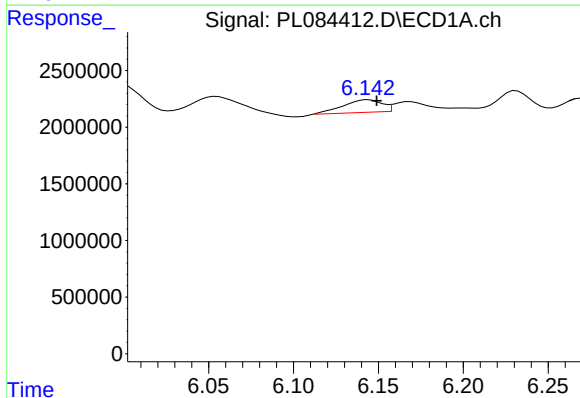
R.T.: 5.977 min  
Delta R.T.: 0.007 min  
Response: 28643001  
Conc: 10.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



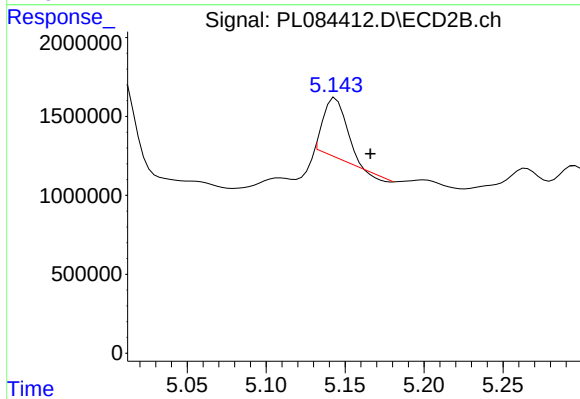
#11 alpha-Chlordane

R.T.: 4.962 min  
Delta R.T.: -0.005 min  
Response: 557917  
Conc: 0.40 ng/ml



#12 4,4'-DDE

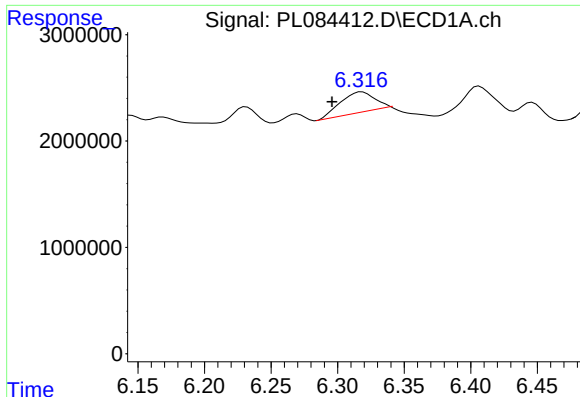
R.T.: 6.144 min  
Delta R.T.: -0.005 min  
Response: 1779490  
Conc: 0.78 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min  
Delta R.T.: -0.022 min  
Response: 3678725  
Conc: 2.92 ng/ml

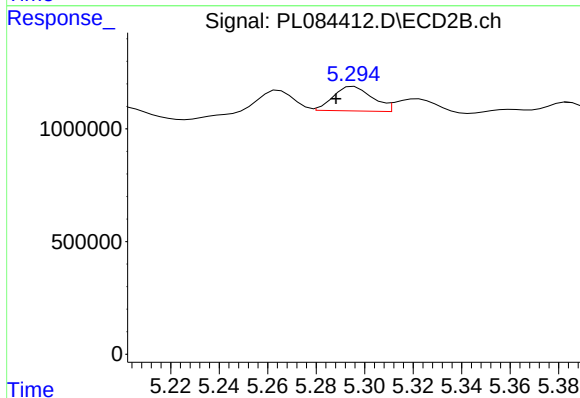




#13 Dieldrin

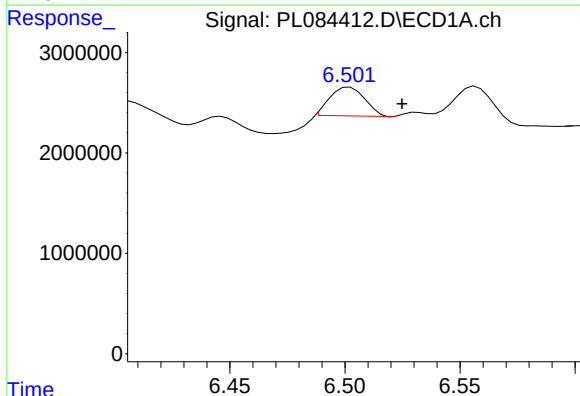
R.T.: 6.318 min  
Delta R.T.: 0.022 min  
Response: 3548354  
Conc: 1.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



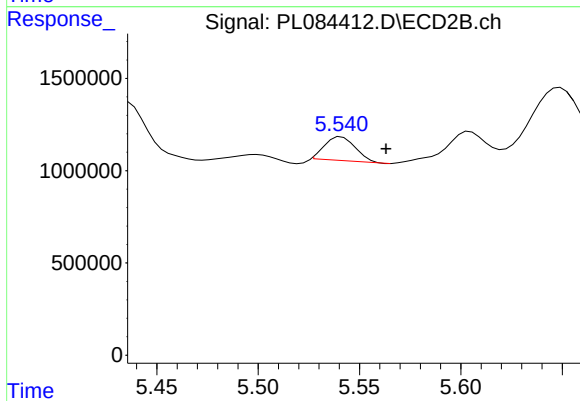
#13 Dieldrin

R.T.: 5.296 min  
Delta R.T.: 0.007 min  
Response: 1206579  
Conc: 0.86 ng/ml



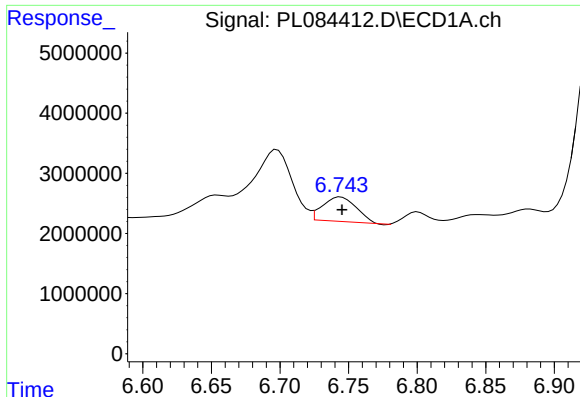
#14 Endrin

R.T.: 6.502 min  
Delta R.T.: -0.023 min  
Response: 2988738  
Conc: 1.36 ng/ml



#14 Endrin

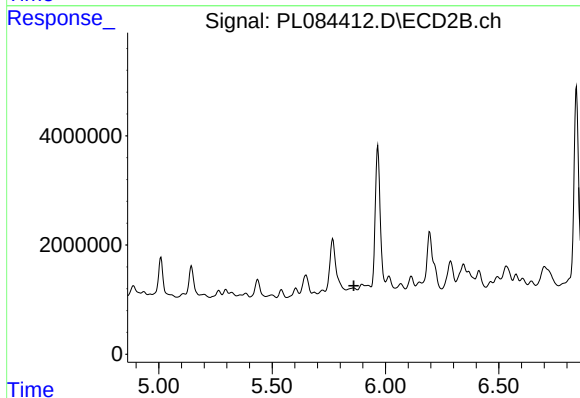
R.T.: 5.541 min  
Delta R.T.: -0.022 min  
Response: 1343320  
Conc: 1.07 ng/ml



#15 Endosulfan II

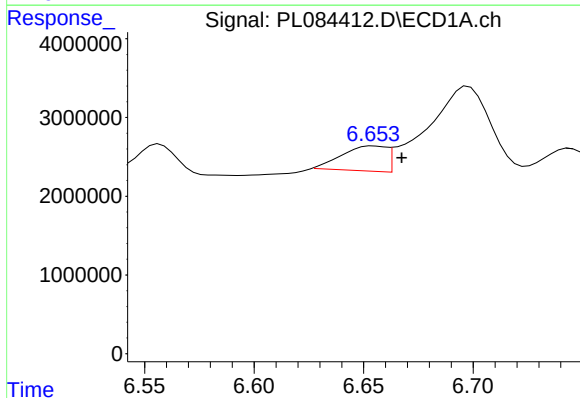
R.T.: 6.744 min  
Delta R.T.: 0.000 min  
Response: 6748966  
Conc: 3.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



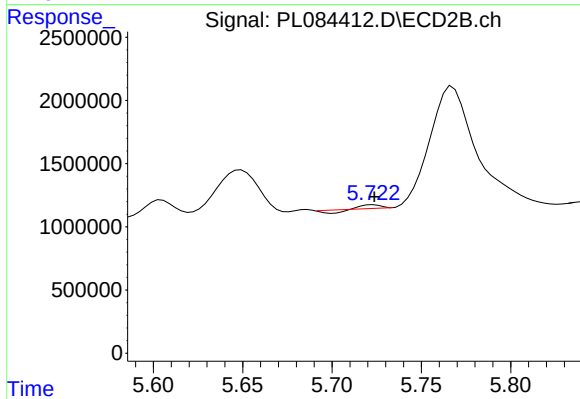
#15 Endosulfan II

R.T.: 5.860 min  
Delta R.T.: 0.000 min  
Response: -213226  
Conc: N.D.



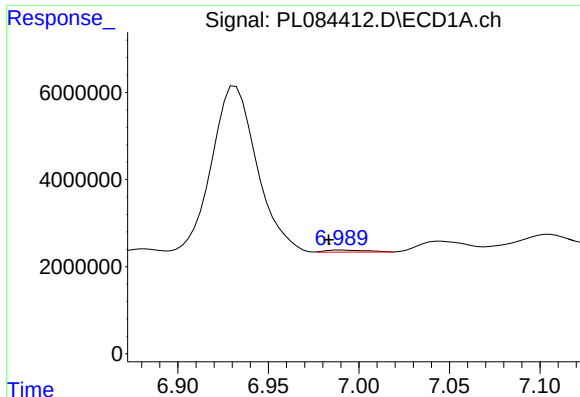
#16 4,4'-DDD

R.T.: 6.655 min  
Delta R.T.: -0.012 min  
Response: 4481433  
Conc: 2.74 ng/ml



#16 4,4'-DDD

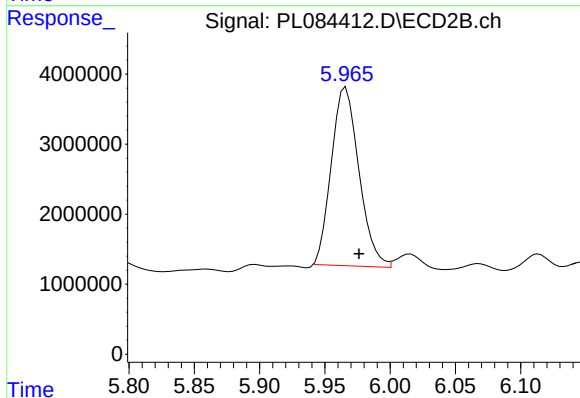
R.T.: 5.723 min  
Delta R.T.: 0.000 min  
Response: 40369  
Conc: 0.04 ng/ml



#17 4,4'-DDT

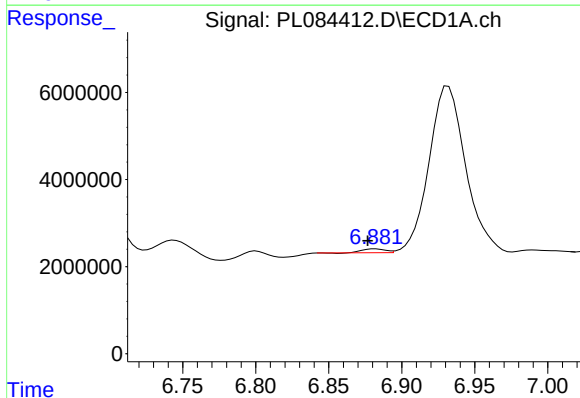
R.T.: 6.990 min  
Delta R.T.: 0.007 min  
Response: 742670  
Conc: 0.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



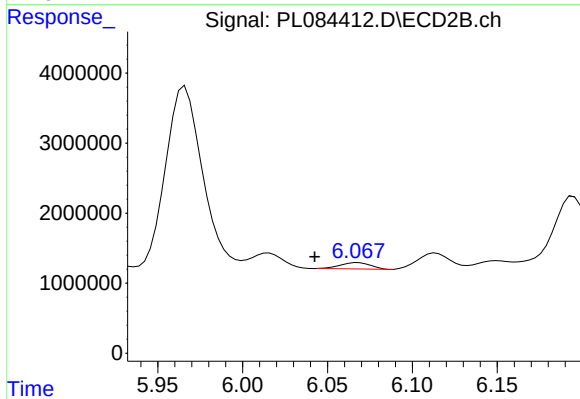
#17 4,4'-DDT

R.T.: 5.966 min  
Delta R.T.: -0.010 min  
Response: 37515258  
Conc: 31.49 ng/ml



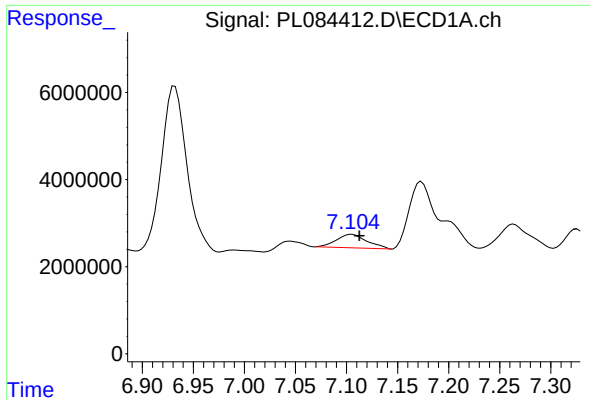
#18 Endrin aldehyde

R.T.: 6.882 min  
Delta R.T.: 0.005 min  
Response: 963840  
Conc: 0.58 ng/ml



#18 Endrin aldehyde

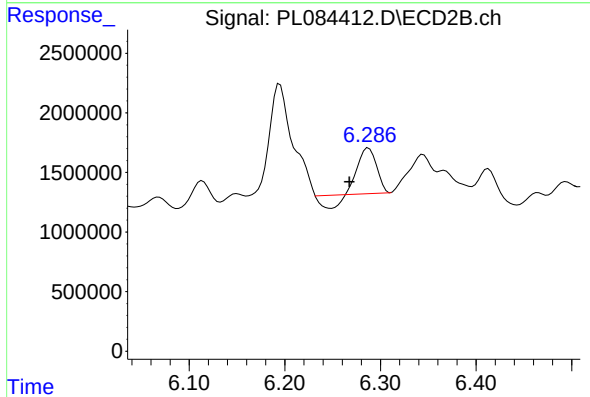
R.T.: 6.068 min  
Delta R.T.: 0.026 min  
Response: 1100988  
Conc: 1.09 ng/ml



#19 Endosulfan Sulfate

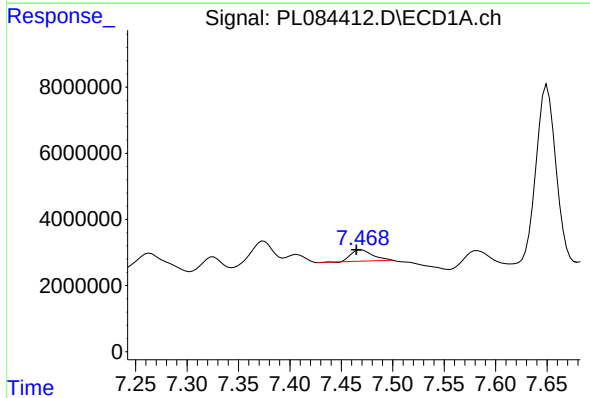
R.T.: 7.105 min  
Delta R.T.: -0.007 min  
Response: 6478393  
Conc: 3.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



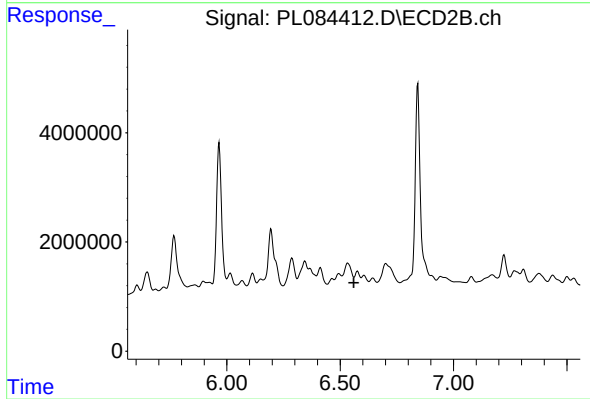
#19 Endosulfan Sulfate

R.T.: 6.288 min  
Delta R.T.: 0.020 min  
Response: 4182310  
Conc: 3.45 ng/ml



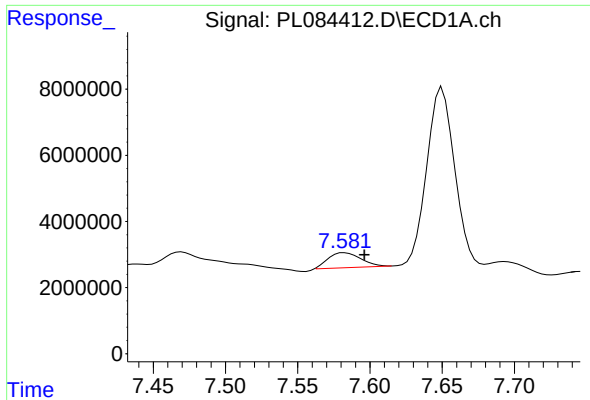
#20 Methoxychlor

R.T.: 7.470 min  
Delta R.T.: 0.005 min  
Response: 5101012  
Conc: 5.52 ng/ml



#20 Methoxychlor

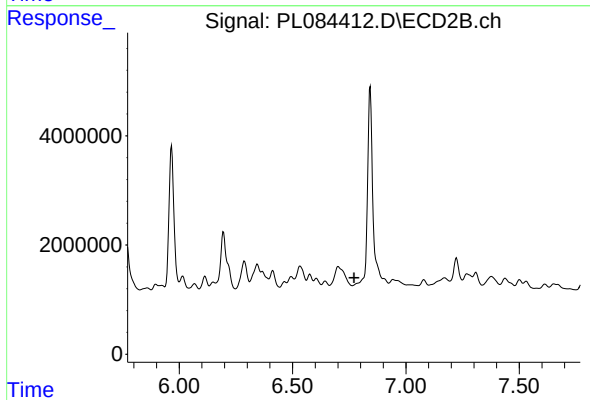
R.T.: 6.576 min  
Delta R.T.: 0.016 min  
Response: -600758  
Conc: N.D.



#21 Endrin ketone

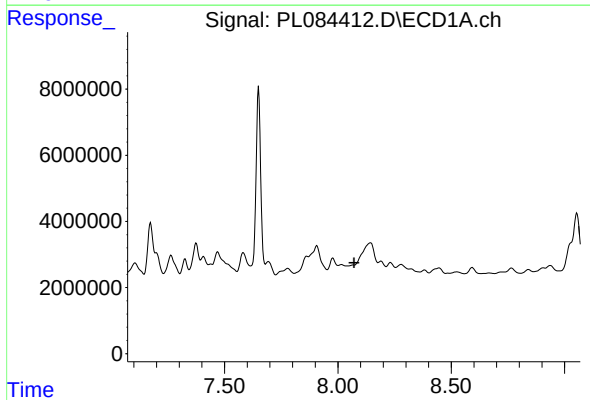
R.T.: 7.583 min  
Delta R.T.: -0.014 min  
Response: 7112150  
Conc: 3.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



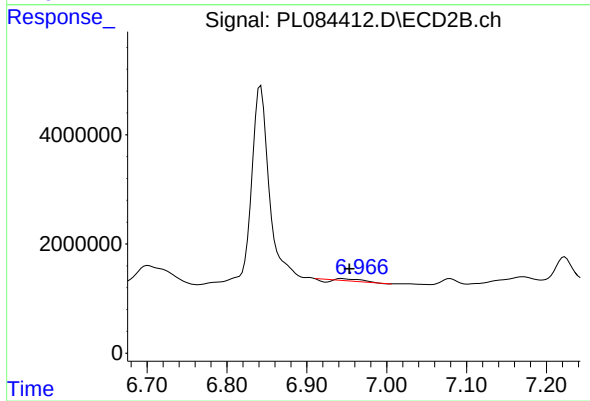
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.772 min  
Response: 0  
Conc: N.D.



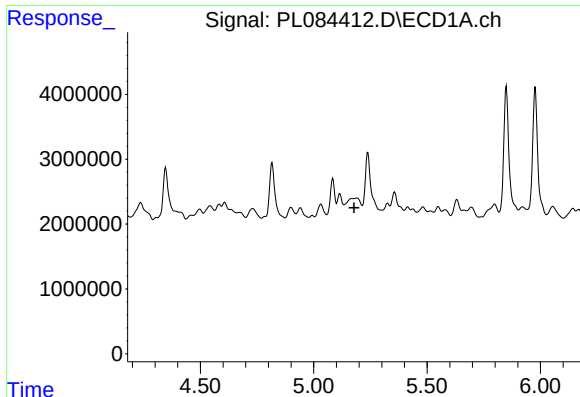
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.072 min  
Response: 0  
Conc: N.D.



#22 Mirex

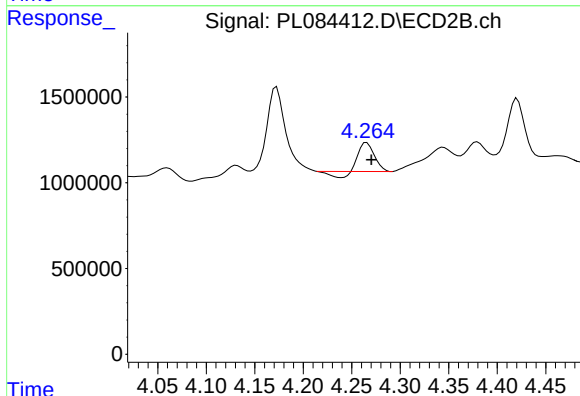
R.T.: 6.943 min  
Delta R.T.: -0.010 min  
Response: 359913  
Conc: 0.31 ng/ml



#24 Chlordane-2

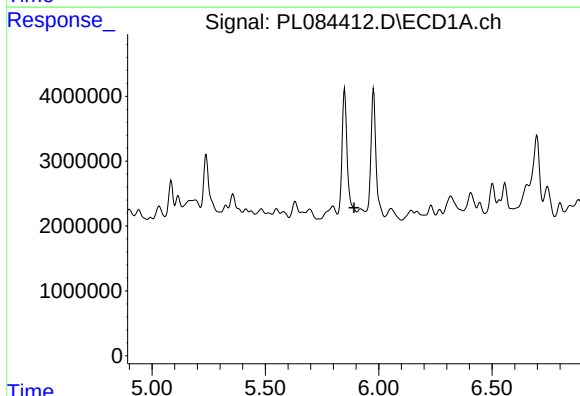
R.T.: 0.000 min  
Exp R.T.: 5.178 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



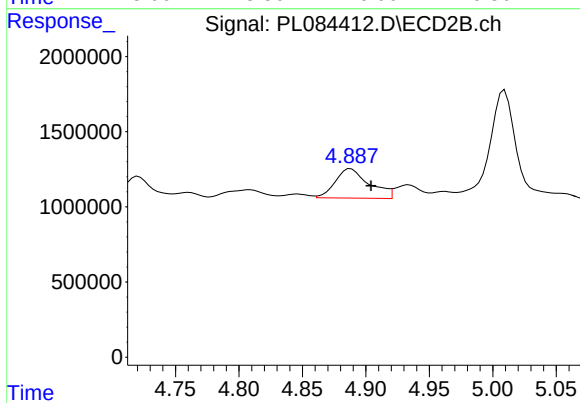
#24 Chlordane-2

R.T.: 4.265 min  
Delta R.T.: -0.005 min  
Response: 1545218  
Conc: 3.62 ng/ml



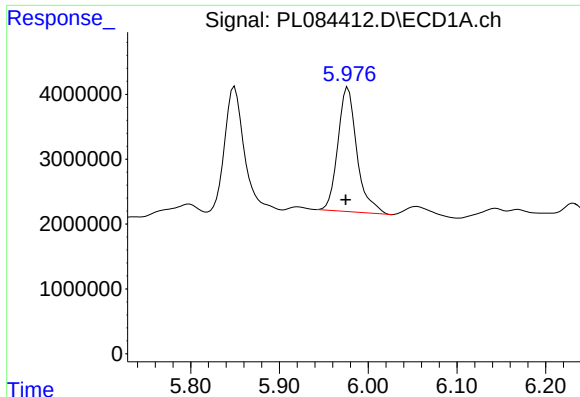
#25 Chlordane-3

R.T.: 5.921 min  
Delta R.T.: 0.030 min  
Response: -1837695  
Conc: N.D.



#25 Chlordane-3

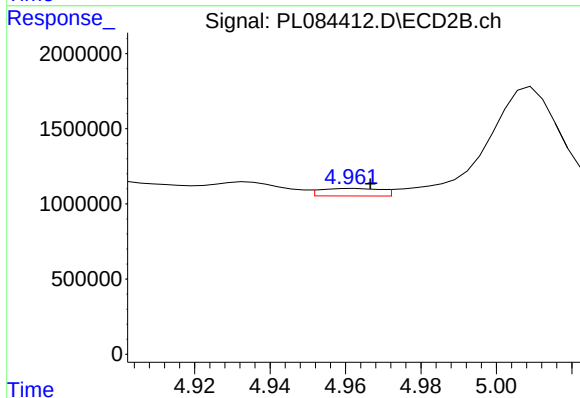
R.T.: 4.888 min  
Delta R.T.: -0.016 min  
Response: 3640688  
Conc: 2.66 ng/ml



#26 Chlordane-4

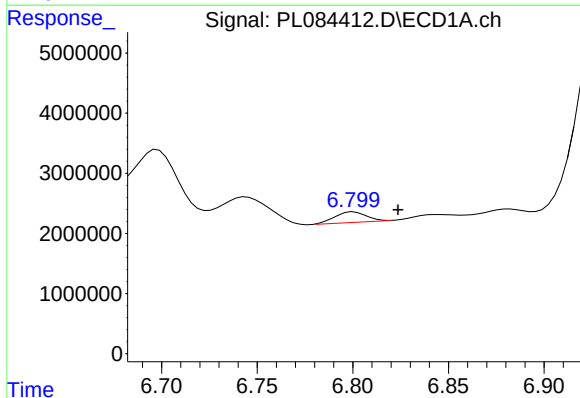
R.T.: 5.977 min  
Delta R.T.: 0.002 min  
Response: 28643001  
Conc: 6.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



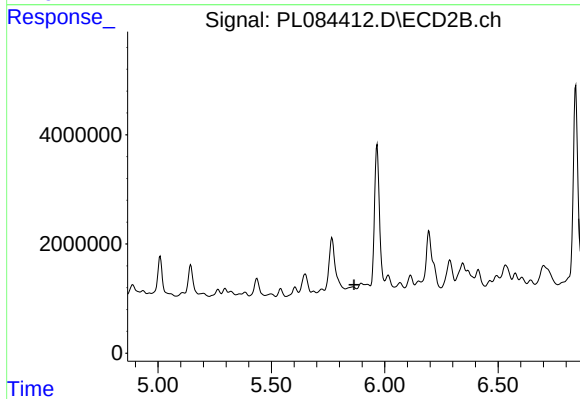
#26 Chlordane-4

R.T.: 4.962 min  
Delta R.T.: -0.004 min  
Response: 557917  
Conc: 0.39 ng/ml



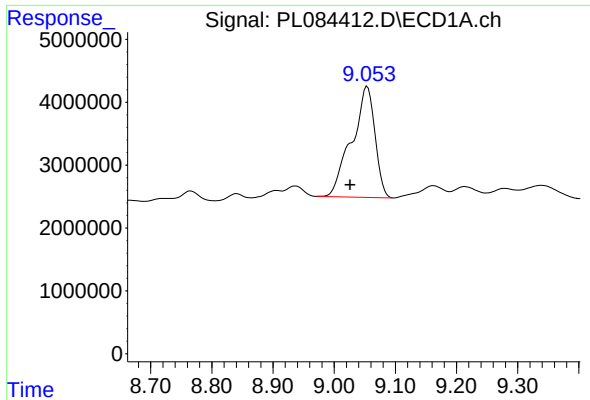
#27 Chlordane-5

R.T.: 6.800 min  
Delta R.T.: -0.023 min  
Response: 1987275  
Conc: 2.83 ng/ml



#27 Chlordane-5

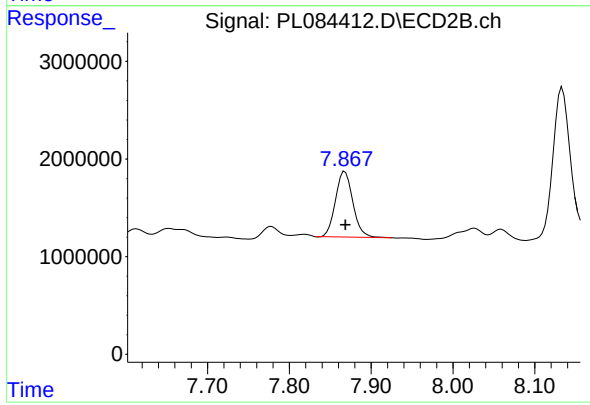
R.T.: 5.860 min  
Delta R.T.: -0.005 min  
Response: -213226  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.054 min  
Delta R.T.: 0.028 min  
Response: 46426371  
Conc: 30.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.868 min  
Delta R.T.: 0.000 min  
Response: 9848113  
Conc: 8.05 ng/ml