

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072323\  
 Data File : PL084112.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jul 2023 08:44  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 22 03:48:07 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 14 00:03:54 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  | 2.688  | 49759531 | 23074359 | 24.881  | 20.777  |
| 28)                         | SA Decachlor... | 9.026  | 7.872  | 31215325 | 24808800 | 23.981  | 22.328  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.934  | 3.193  | 34037981 | 15461903 | 11.618  | 9.616   |
| 3)                          | MA gamma-BHC... | 4.268  | 3.523  | 32624312 | 14635847 | 11.547  | 9.624   |
| 4)                          | MA Heptachlor   | 4.841  | 3.888f | 108635   | 13197    | 0.040   | 0.011 # |
| 5)                          | MB Aldrin       | 0.000  | 4.159  | 0        | 96911    | N.D.    | 0.064 # |
| 6)                          | B beta-BHC      | 4.467  | 3.825  | 15619893 | 7639326  | 13.018  | 11.574  |
| 7)                          | B delta-BHC     | 0.000  | 4.054  | 0        | 24983    | N.D.    | 0.017 # |
| 8)                          | B Heptachlo...  | 5.631  | 0.000  | 12180320 | 0        | 4.563   | N.D. #  |
| 9)                          | A Endosulfan I  | 6.040f | 5.033  | 125527   | 989505   | 0.053   | 0.807 # |
| 10)                         | B gamma-Chl...  | 5.898  | 4.918  | 221433   | 1420448  | 0.086   | 1.066 # |
| 11)                         | B alpha-Chl...  | 5.967  | 4.995f | 31482    | 1651840  | 0.012   | 1.226 # |
| 12)                         | B 4,4'-DDE      | 6.151  | 5.168  | 606618   | 152572   | 0.302   | 0.124 # |
| 14)                         | MA Endrin       | 6.525  | 5.565  | 100.7E6  | 58960284 | 52.863  | 53.637  |
| 15)                         | B Endosulfa...  | 6.735  | 5.840f | 207410   | 280375   | 0.111   | 0.244 # |
| 16)                         | A 4,4'-DDD      | 6.667  | 5.726  | 5584105  | 2396209  | 3.803   | 2.498 # |
| 17)                         | MA 4,4'-DDT     | 6.983  | 5.979  | 183.5E6  | 116.7E6  | 115.031 | 128.134 |
| 18)                         | B Endrin al...  | 6.877  | 6.045  | 3006909  | 1921727  | 2.052   | 2.138   |
| 19)                         | B Endosulfa...  | 7.086f | 6.272  | 599180   | -42550   | 0.347   | N.D. #  |
| 20)                         | A Methoxychlor  | 7.465  | 6.563  | 213.2E6  | 145.0E6  | 272.507 | 302.472 |
| 21)                         | B Endrin ke...  | 7.597  | 6.773  | 4157640  | 1872054  | 2.372   | 1.449 # |
| 22)                         | Mirex           | 0.000  | 6.931f | 0        | 116924   | N.D.    | 0.115 # |
| 25)                         | Chlordane-3     | 5.898  | 4.918  | 221433   | 1420448  | 0.063   | 1.036 # |
| 26)                         | Chlordane-4     | 5.967  | 4.995f | 31482    | 1651840  | 0.008   | 1.153 # |
| 27)                         | Chlordane-5     | 0.000  | 5.840f | 0        | 280375   | N.D.    | 0.611 # |
| -----                       |                 |        |        |          |          |         |         |

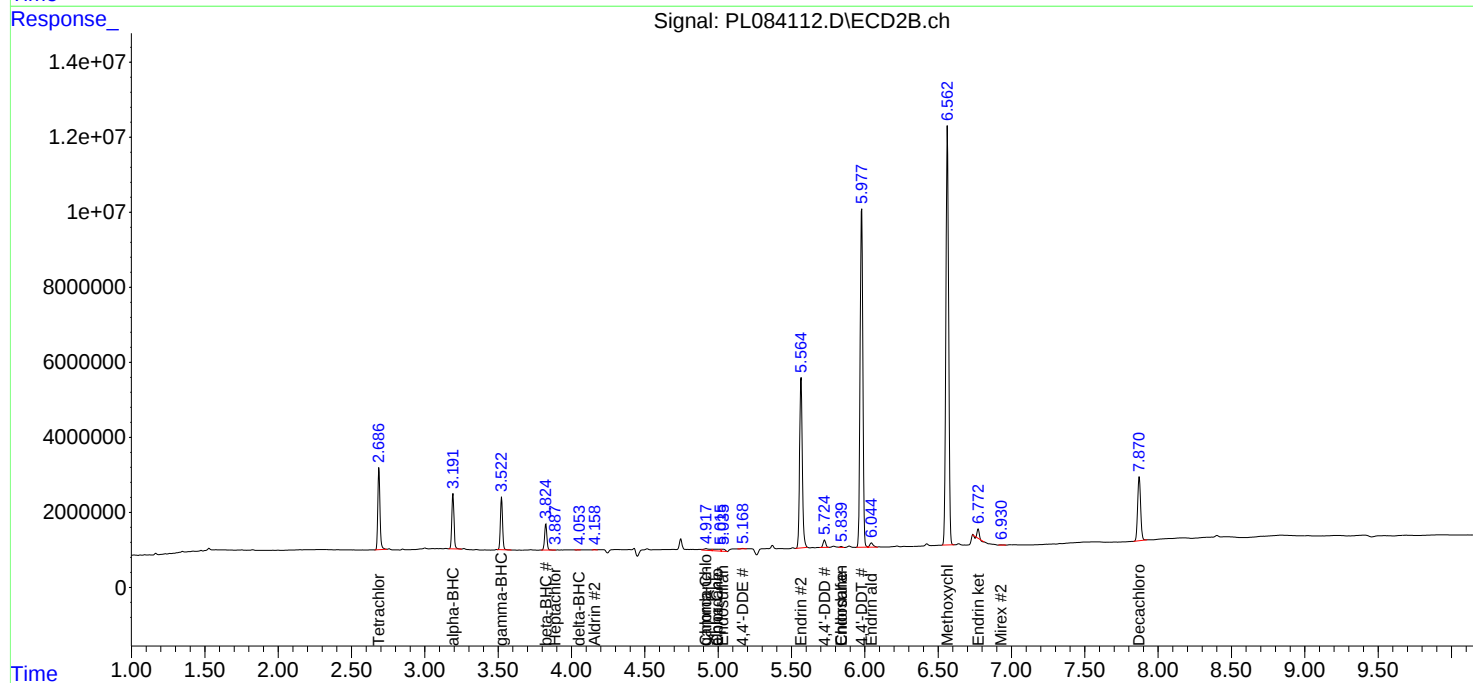
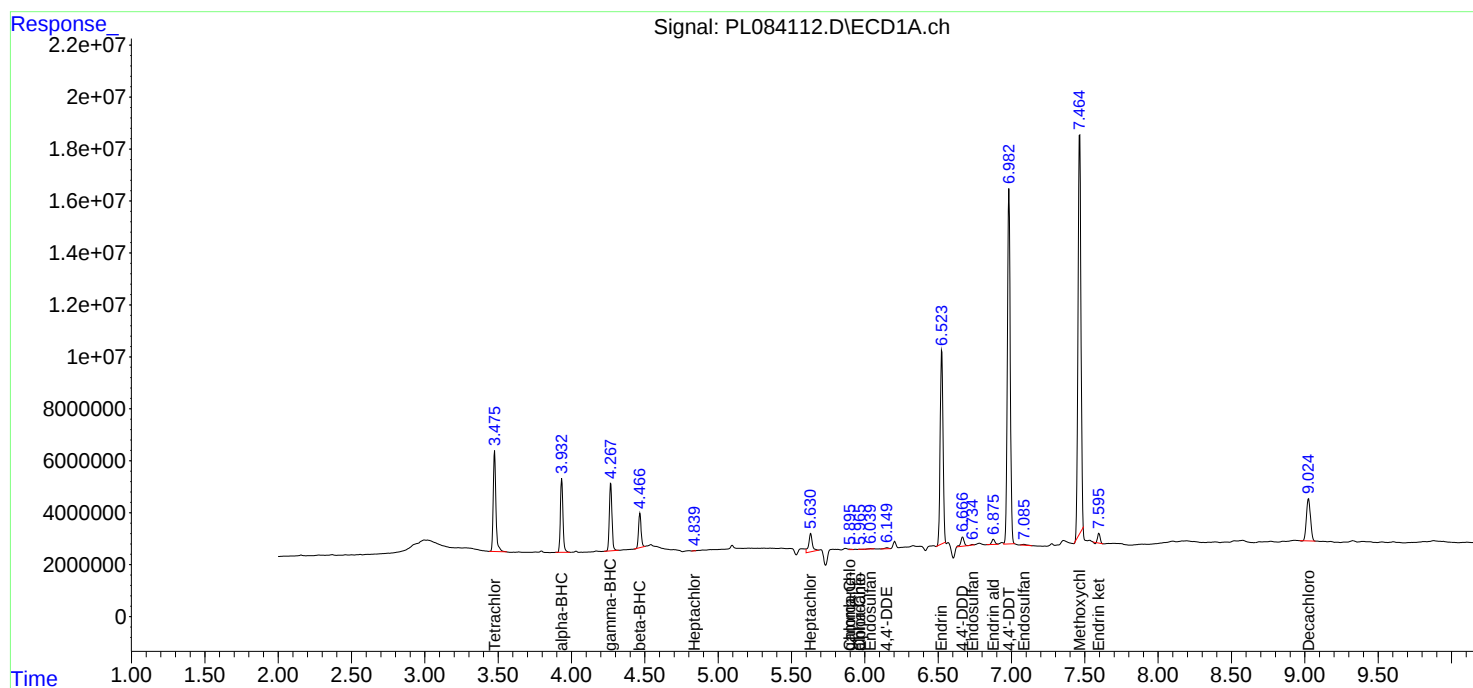
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

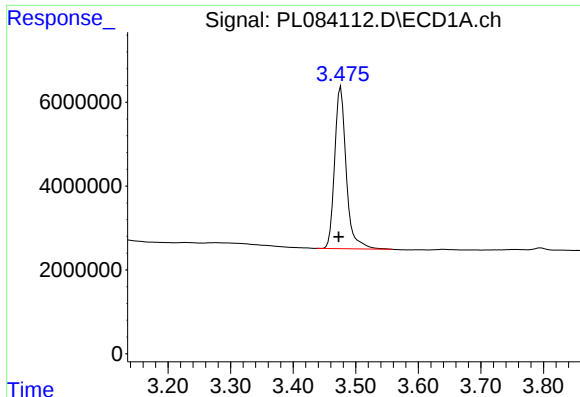
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072323\  
Data File : PL084112.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Jul 2023 08:44  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 22 03:48:07 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 14 00:03:54 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

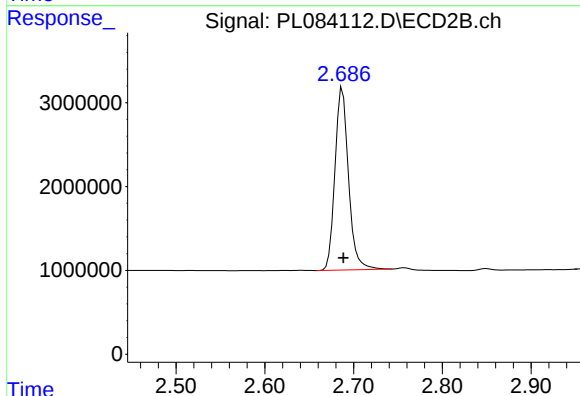




#1 Tetrachloro-m-xylene

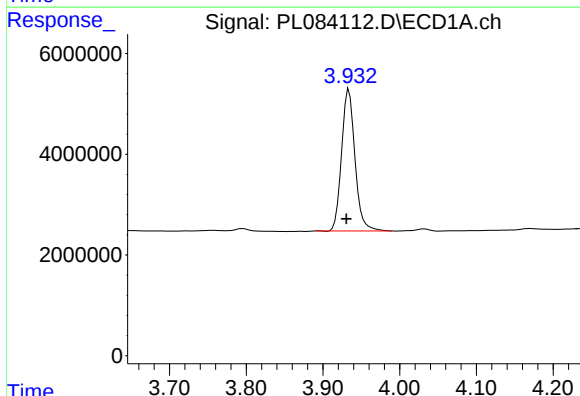
R.T.: 3.476 min  
Delta R.T.: 0.003 min  
Response: 49759531  
Conc: 24.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



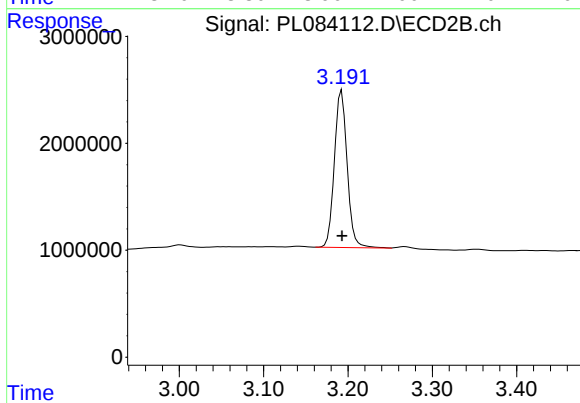
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: 0.000 min  
Response: 23074359  
Conc: 20.78 ng/ml



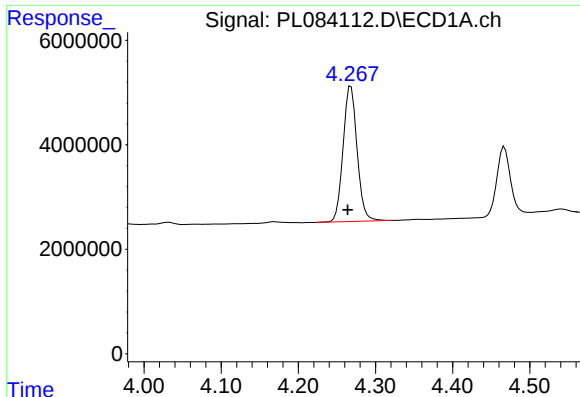
#2 alpha-BHC

R.T.: 3.934 min  
Delta R.T.: 0.003 min  
Response: 34037981  
Conc: 11.62 ng/ml



#2 alpha-BHC

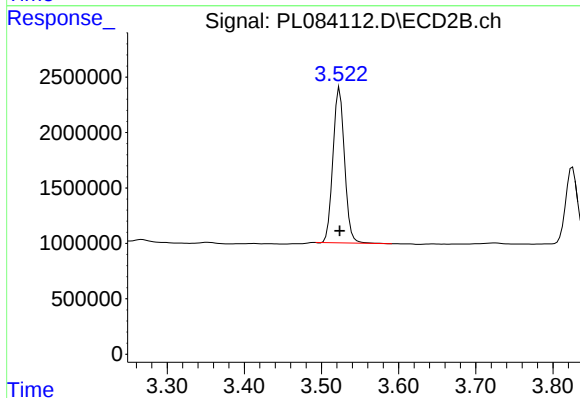
R.T.: 3.193 min  
Delta R.T.: 0.000 min  
Response: 15461903  
Conc: 9.62 ng/ml



#3 gamma-BHC (Lindane)

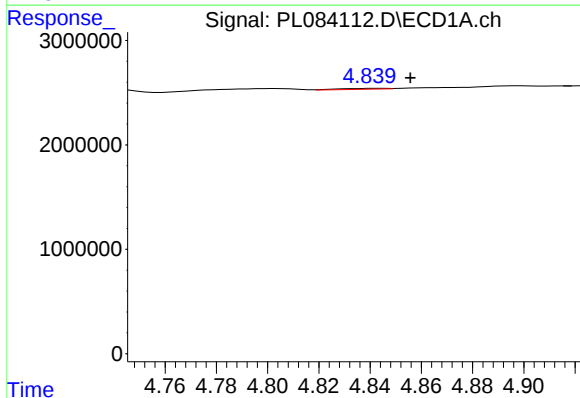
R.T.: 4.268 min  
Delta R.T.: 0.004 min  
Response: 32624312  
Conc: 11.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



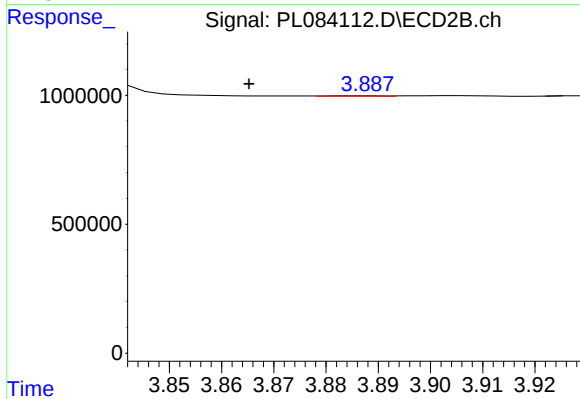
#3 gamma-BHC (Lindane)

R.T.: 3.523 min  
Delta R.T.: 0.000 min  
Response: 14635847  
Conc: 9.62 ng/ml



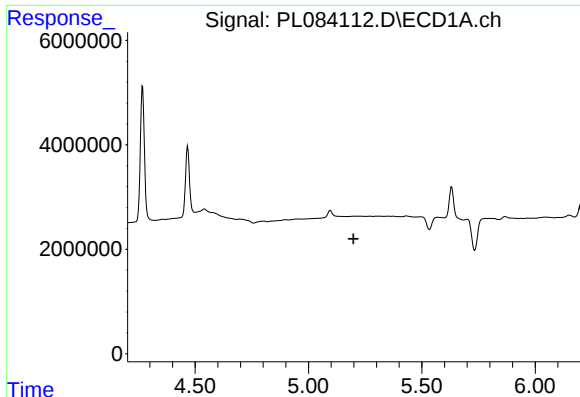
#4 Heptachlor

R.T.: 4.841 min  
Delta R.T.: -0.014 min  
Response: 108635  
Conc: 0.04 ng/ml



#4 Heptachlor

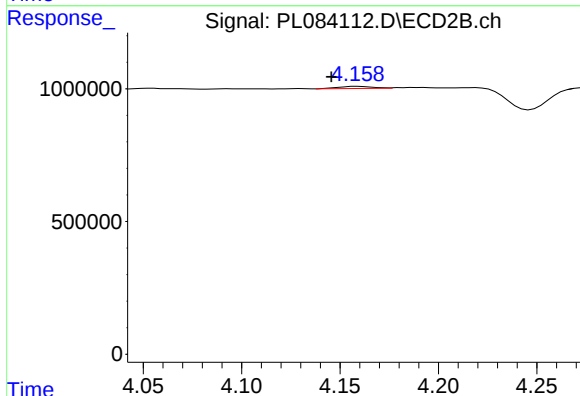
R.T.: 3.888 min  
Delta R.T.: 0.023 min  
Response: 13197  
Conc: 0.01 ng/ml



#5 Aldrin

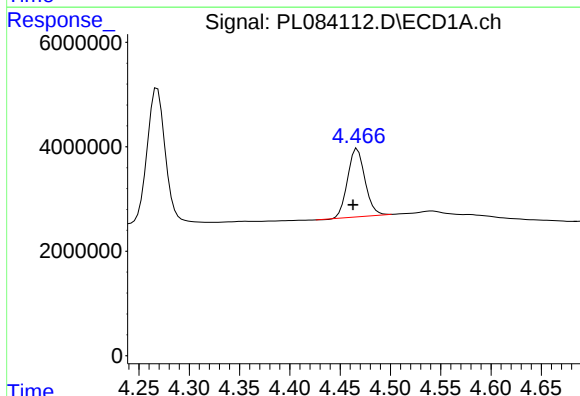
R.T.: 0.000 min  
Exp R.T.: 5.199 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



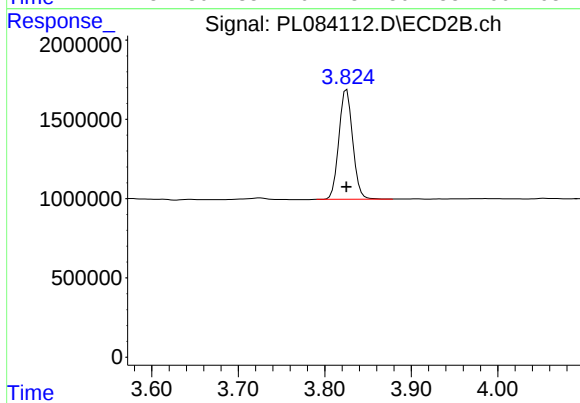
#5 Aldrin

R.T.: 4.159 min  
Delta R.T.: 0.014 min  
Response: 96911  
Conc: 0.06 ng/ml



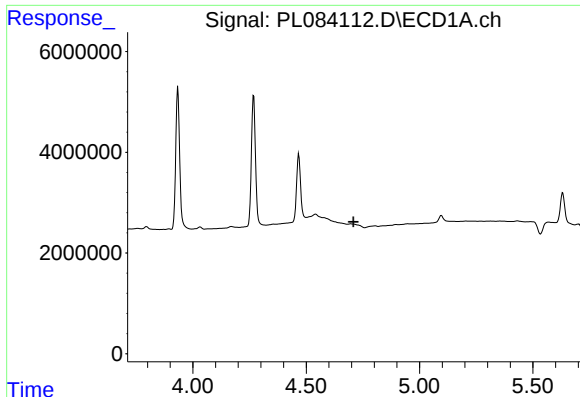
#6 beta-BHC

R.T.: 4.467 min  
Delta R.T.: 0.005 min  
Response: 15619893  
Conc: 13.02 ng/ml



#6 beta-BHC

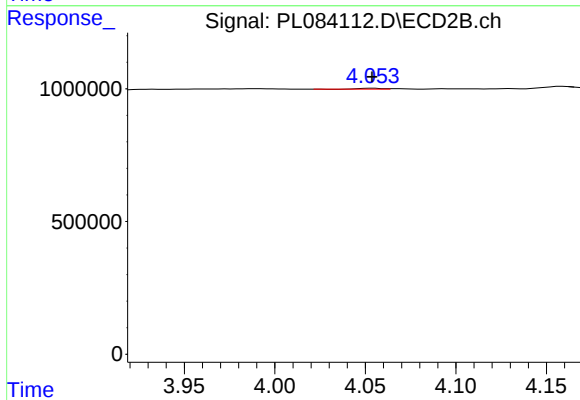
R.T.: 3.825 min  
Delta R.T.: 0.000 min  
Response: 7639326  
Conc: 11.57 ng/ml



#7 delta-BHC

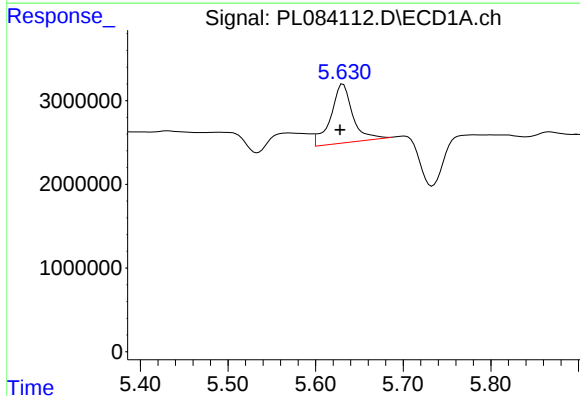
R.T.: 0.000 min  
Exp R.T.: 4.709 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



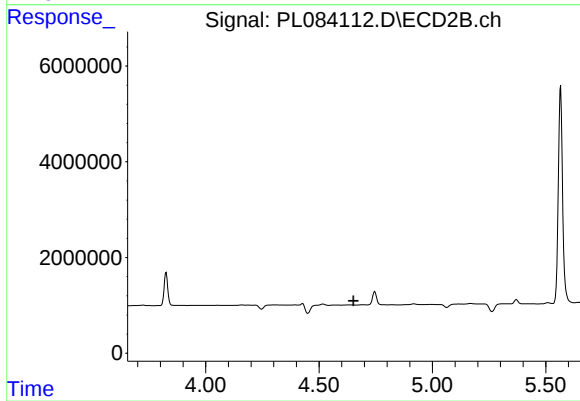
#7 delta-BHC

R.T.: 4.054 min  
Delta R.T.: 0.000 min  
Response: 24983  
Conc: 0.02 ng/ml



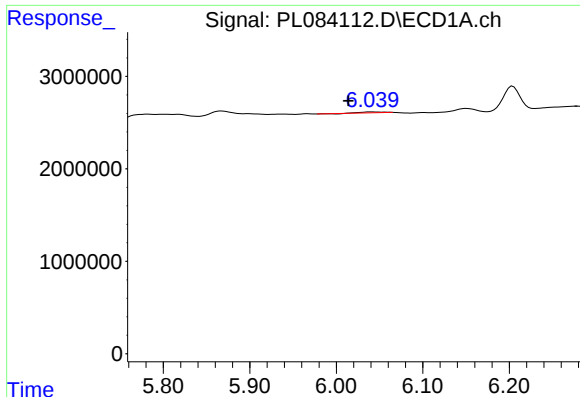
#8 Heptachlor epoxide

R.T.: 5.631 min  
Delta R.T.: 0.003 min  
Response: 12180320  
Conc: 4.56 ng/ml



#8 Heptachlor epoxide

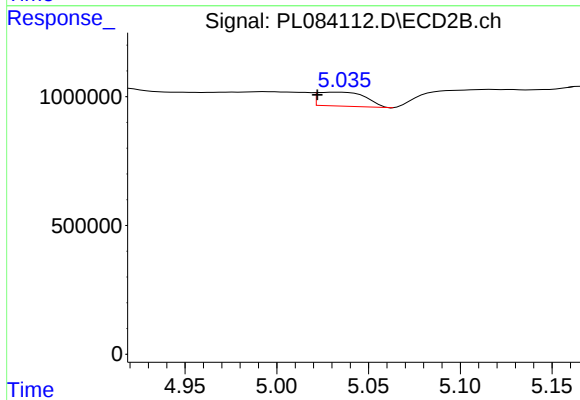
R.T.: 0.000 min  
Exp R.T.: 4.652 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

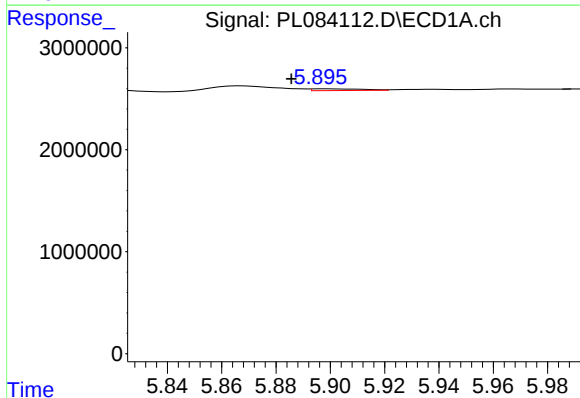
R.T.: 6.040 min  
Delta R.T.: 0.026 min  
Response: 125527  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



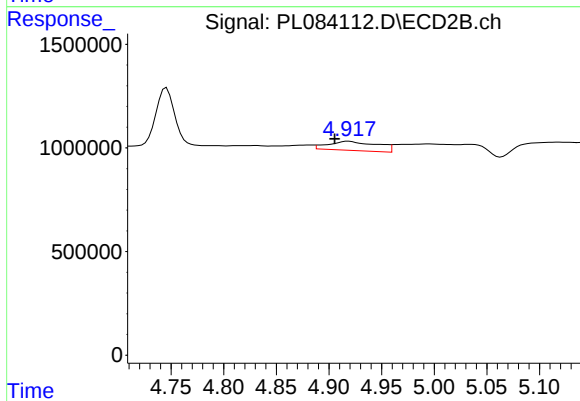
#9 Endosulfan I

R.T.: 5.033 min  
Delta R.T.: 0.011 min  
Response: 989505  
Conc: 0.81 ng/ml



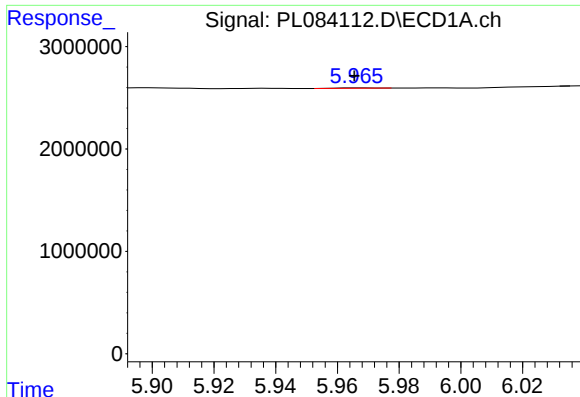
#10 gamma-Chlordane

R.T.: 5.898 min  
Delta R.T.: 0.012 min  
Response: 221433  
Conc: 0.09 ng/ml



#10 gamma-Chlordane

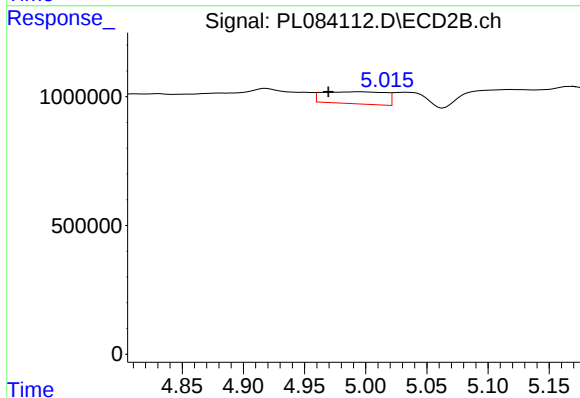
R.T.: 4.918 min  
Delta R.T.: 0.013 min  
Response: 1420448  
Conc: 1.07 ng/ml



#11 alpha-Chlordane

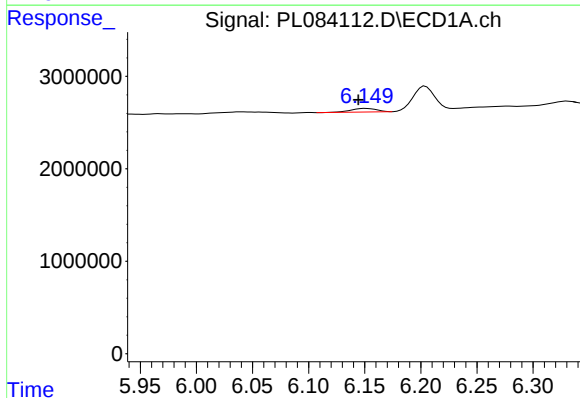
R.T.: 5.967 min  
Delta R.T.: 0.002 min  
Response: 31482  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



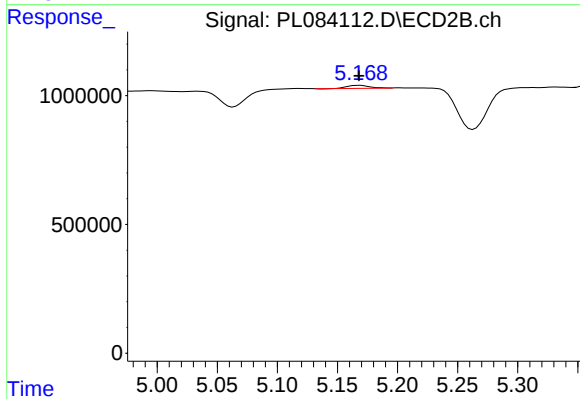
#11 alpha-Chlordane

R.T.: 4.995 min  
Delta R.T.: 0.025 min  
Response: 1651840  
Conc: 1.23 ng/ml



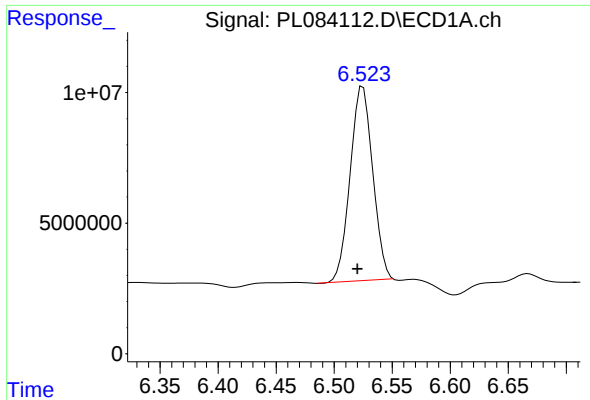
#12 4,4'-DDE

R.T.: 6.151 min  
Delta R.T.: 0.007 min  
Response: 606618  
Conc: 0.30 ng/ml



#12 4,4'-DDE

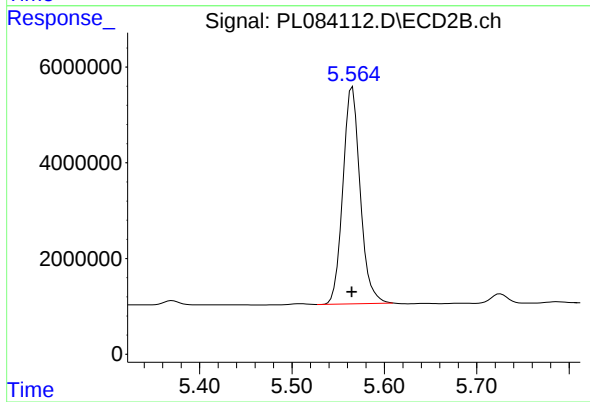
R.T.: 5.168 min  
Delta R.T.: 0.000 min  
Response: 152572  
Conc: 0.12 ng/ml



#14 Endrin

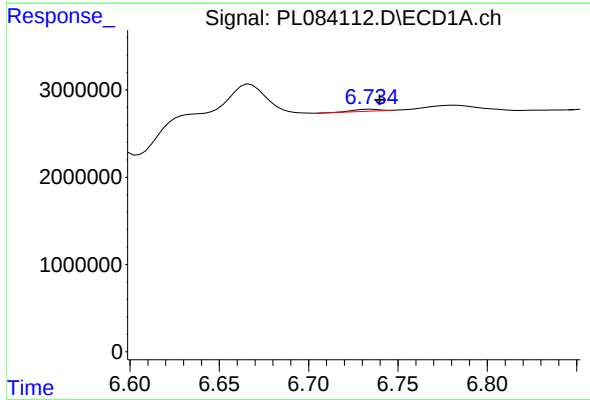
R.T.: 6.525 min  
Delta R.T.: 0.005 min  
Response: 100673479  
Conc: 52.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



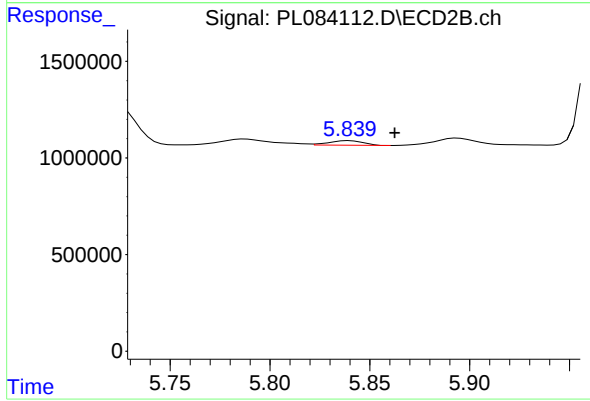
#14 Endrin

R.T.: 5.565 min  
Delta R.T.: 0.000 min  
Response: 58960284  
Conc: 53.64 ng/ml



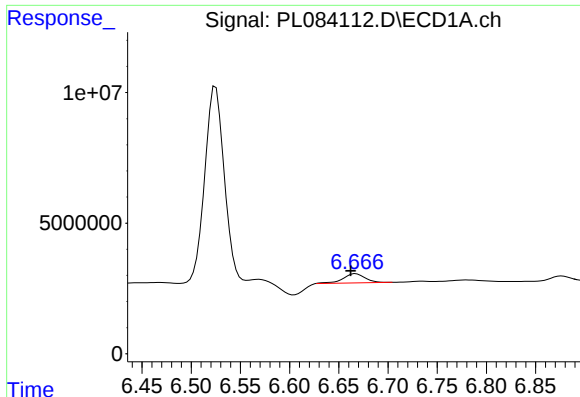
#15 Endosulfan II

R.T.: 6.735 min  
Delta R.T.: -0.005 min  
Response: 207410  
Conc: 0.11 ng/ml



#15 Endosulfan II

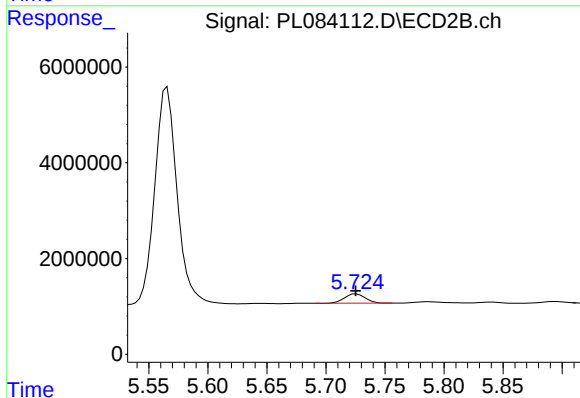
R.T.: 5.840 min  
Delta R.T.: -0.023 min  
Response: 280375  
Conc: 0.24 ng/ml



#16 4,4'-DDD

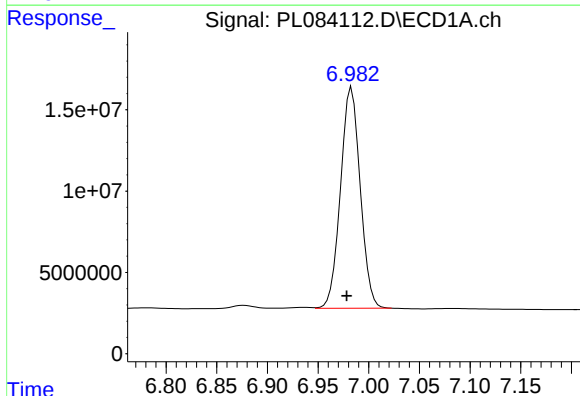
R.T.: 6.667 min  
Delta R.T.: 0.005 min  
Response: 5584105  
Conc: 3.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



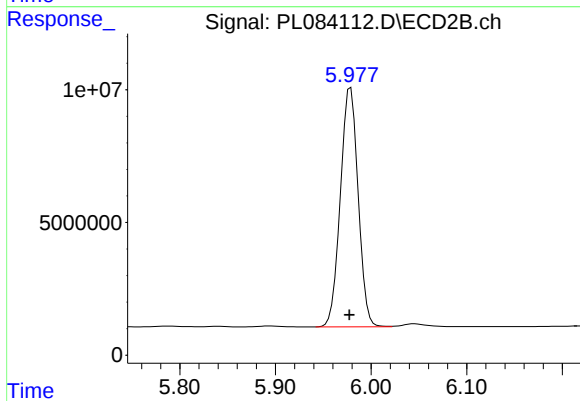
#16 4,4'-DDD

R.T.: 5.726 min  
Delta R.T.: 0.000 min  
Response: 2396209  
Conc: 2.50 ng/ml



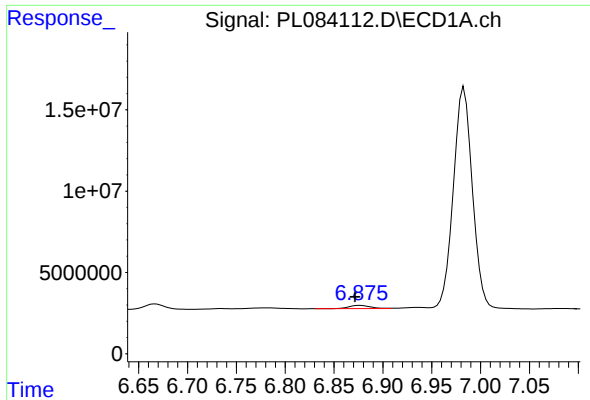
#17 4,4'-DDT

R.T.: 6.983 min  
Delta R.T.: 0.005 min  
Response: 183451611  
Conc: 115.03 ng/ml



#17 4,4'-DDT

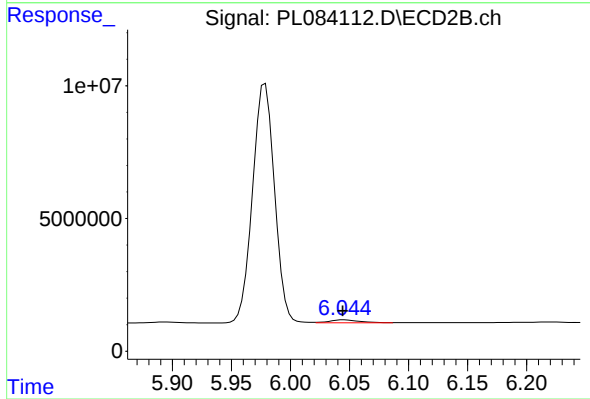
R.T.: 5.979 min  
Delta R.T.: 0.001 min  
Response: 116704002  
Conc: 128.13 ng/ml



#18 Endrin aldehyde

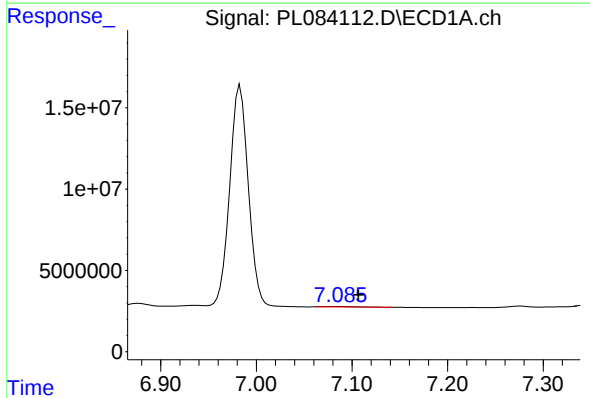
R.T.: 6.877 min  
Delta R.T.: 0.005 min  
Response: 3006909  
Conc: 2.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



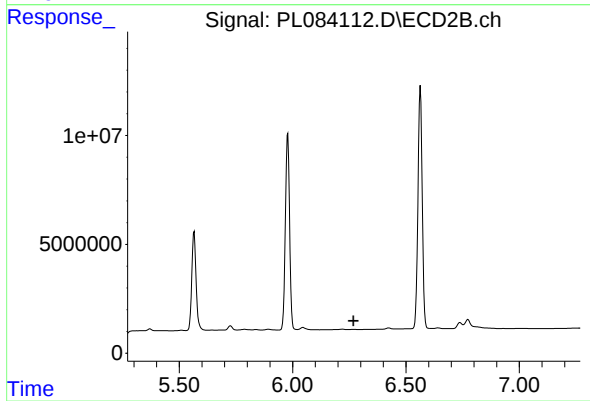
#18 Endrin aldehyde

R.T.: 6.045 min  
Delta R.T.: 0.001 min  
Response: 1921727  
Conc: 2.14 ng/ml



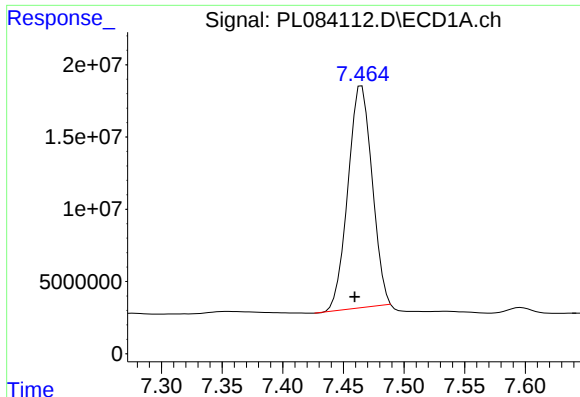
#19 Endosulfan Sulfate

R.T.: 7.086 min  
Delta R.T.: -0.021 min  
Response: 599180  
Conc: 0.35 ng/ml



#19 Endosulfan Sulfate

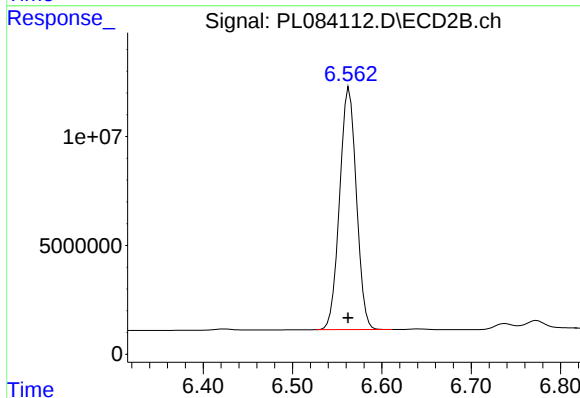
R.T.: 6.272 min  
Delta R.T.: 0.003 min  
Response: -42550  
Conc: N.D.



#20 Methoxychlor

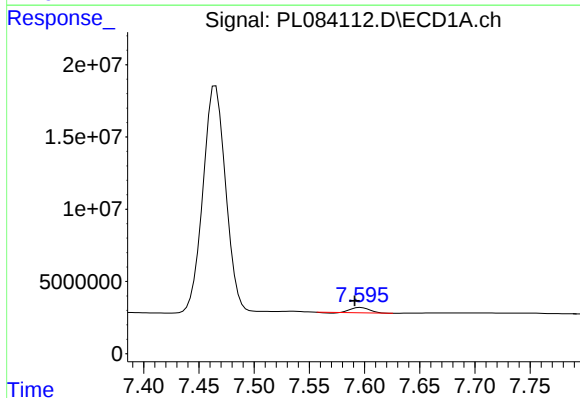
R.T.: 7.465 min  
Delta R.T.: 0.006 min  
Response: 213160936  
Conc: 272.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



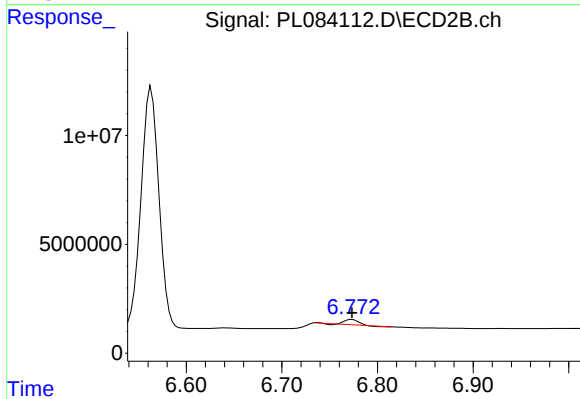
#20 Methoxychlor

R.T.: 6.563 min  
Delta R.T.: 0.001 min  
Response: 144957197  
Conc: 302.47 ng/ml



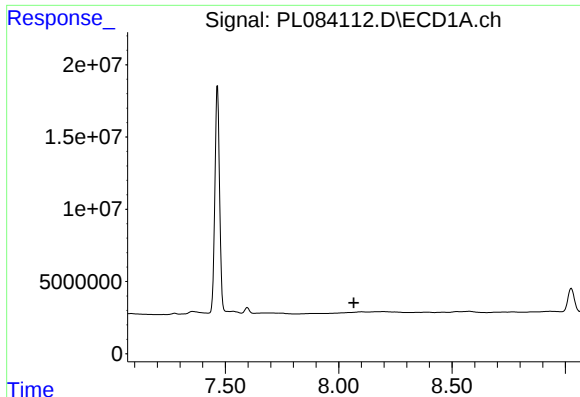
#21 Endrin ketone

R.T.: 7.597 min  
Delta R.T.: 0.005 min  
Response: 4157640  
Conc: 2.37 ng/ml



#21 Endrin ketone

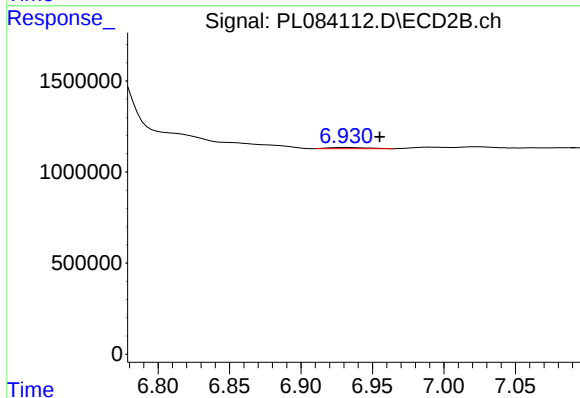
R.T.: 6.773 min  
Delta R.T.: 0.000 min  
Response: 1872054  
Conc: 1.45 ng/ml



#22 Mirex

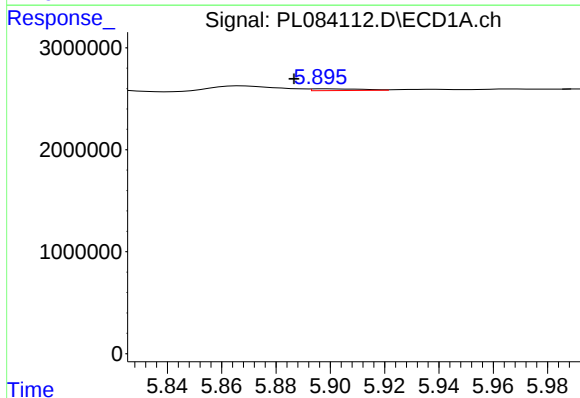
R.T.: 0.000 min  
Exp R.T.: 8.066 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



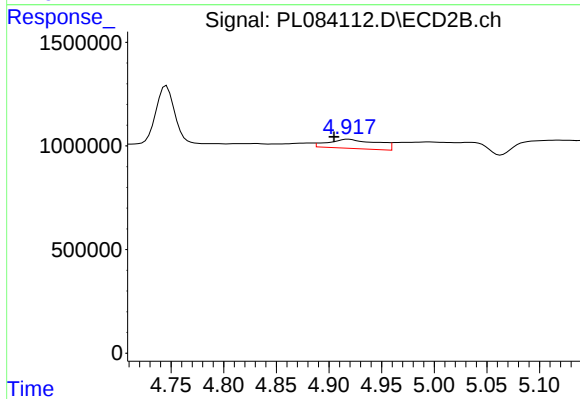
#22 Mirex

R.T.: 6.931 min  
Delta R.T.: -0.024 min  
Response: 116924  
Conc: 0.11 ng/ml



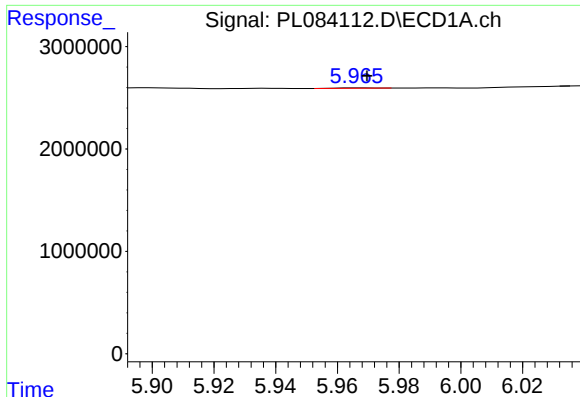
#25 Chlordane-3

R.T.: 5.898 min  
Delta R.T.: 0.011 min  
Response: 221433  
Conc: 0.06 ng/ml



#25 Chlordane-3

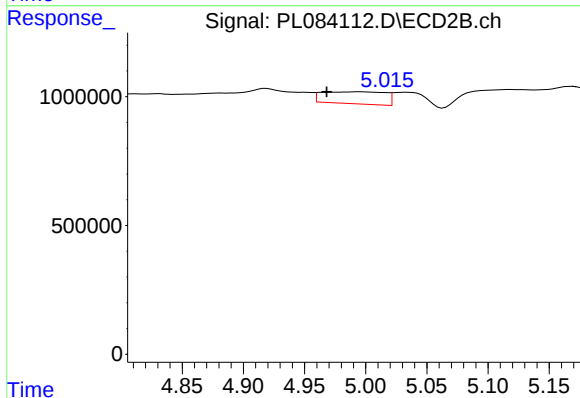
R.T.: 4.918 min  
Delta R.T.: 0.014 min  
Response: 1420448  
Conc: 1.04 ng/ml



#26 Chlordane-4

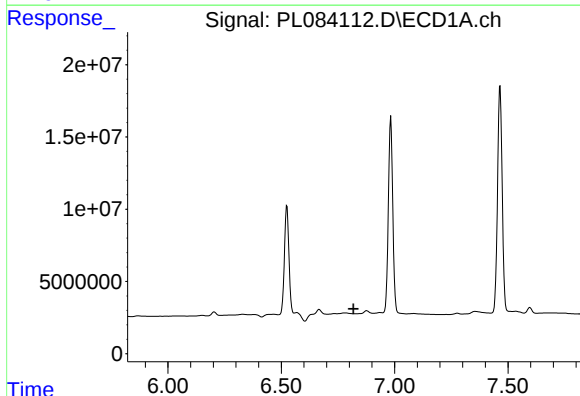
R.T.: 5.967 min  
Delta R.T.: -0.002 min  
Response: 31482  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



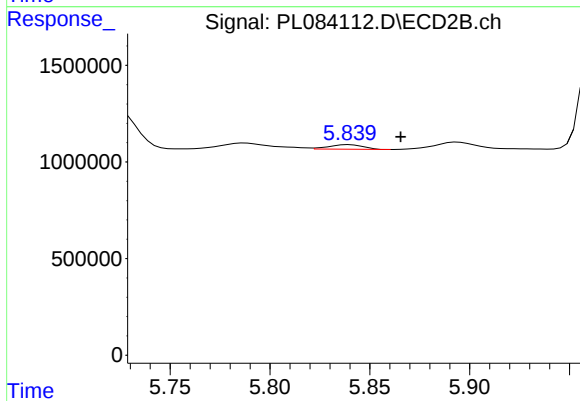
#26 Chlordane-4

R.T.: 4.995 min  
Delta R.T.: 0.027 min  
Response: 1651840  
Conc: 1.15 ng/ml



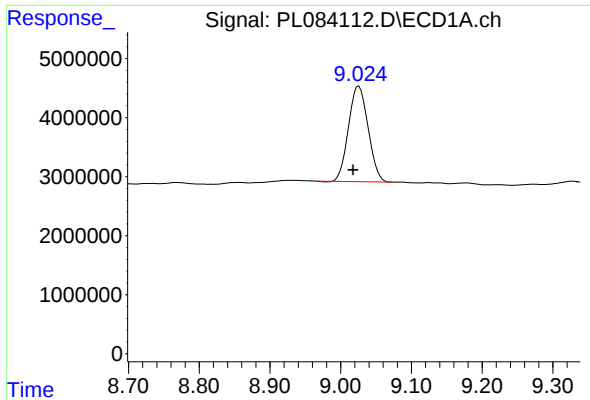
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.819 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

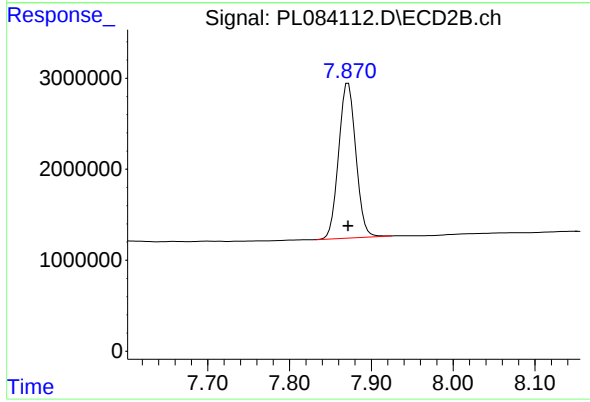
R.T.: 5.840 min  
Delta R.T.: -0.026 min  
Response: 280375  
Conc: 0.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: 0.008 min  
Response: 31215325  
Conc: 23.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.872 min  
Delta R.T.: 0.000 min  
Response: 24808800  
Conc: 22.33 ng/ml