

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051023\  
 Data File : PL082609.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 May 2023 15:08  
 Operator : AR\AJ  
 Sample : 02691-08  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 10 21:08:23 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.321  | 2.643  | 45311426 | 39154615 | 16.963 | 16.901   |
| 28)                         | SA Decachlor... | 8.742  | 7.753  | 25534793 | 27576008 | 13.375 | 12.082   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.138  | 0        | 307256   | N.D.   | 0.090 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.476  | 0        | 2420707  | N.D.   | 0.753 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.788f | 0        | 419819   | N.D.   | 0.123 #  |
| 5)                          | MB Aldrin       | 5.011  | 4.057f | 179753   | 3018700  | 0.055  | 0.958 #  |
| 6)                          | B beta-BHC      | 4.307  | 3.772  | 1850011  | 331879   | 1.085  | 0.243 #  |
| 7)                          | B delta-BHC     | 0.000  | 3.985  | 0        | 463655   | N.D.   | 0.151 #  |
| 8)                          | B Heptachlo...  | 5.444  | 4.579  | 301379   | 58212    | 0.099  | 0.020 #  |
| 9)                          | A Endosulfan I  | 5.815  | 4.979f | 1268719  | 4163669  | 0.458  | 1.560 #  |
| 10)                         | B gamma-Chl...  | 5.672f | 4.846  | 5509862  | 2710475  | 1.832  | 0.934 #  |
| 11)                         | B alpha-Chl...  | 5.776  | 4.906  | 3722551  | 3679669  | 1.247  | 1.268    |
| 13)                         | MA Dieldrin     | 6.122f | 5.223  | 589799   | 3100882  | 0.214  | 1.148 #  |
| 14)                         | MA Endrin       | 0.000  | 5.489  | 0        | 190735   | N.D.   | 0.078 #  |
| 15)                         | B Endosulfa...  | 6.537  | 5.790  | 890704   | 1096982  | 0.366  | 0.487 #  |
| 16)                         | A 4,4'-DDD      | 6.450f | 5.643  | 763039   | -469724  | 0.376  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.779  | 5.881  | 849069   | 1129292  | 0.371  | 0.535 #  |
| 18)                         | B Endrin al...  | 6.676  | 5.978  | 238361   | 391424   | 0.127  | 0.209 #  |
| 19)                         | B Endosulfa...  | 6.912  | 6.203  | 1162138  | 384679   | 0.490  | 0.163 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.491f | 0        | 2936985  | N.D.   | 2.424 #  |
| 22)                         | Mirex           | 7.870f | 0.000  | 180673   | 0        | 0.092  | N.D. #   |
| 24)                         | Chlordane-2     | 5.011f | 4.179f | 179753   | 1101310  | 1.510  | 9.821 #  |
| 25)                         | Chlordane-3     | 5.672f | 4.846  | 5509862  | 2710475  | 12.763 | 9.540 #  |
| 26)                         | Chlordane-4     | 5.776  | 4.906  | 3722551  | 3679669  | 7.160  | 12.331 # |
| 27)                         | Chlordane-5     | 0.000  | 5.790  | 0        | 1096982  | N.D.   | 11.113 # |
| -----                       |                 |        |        |          |          |        |          |

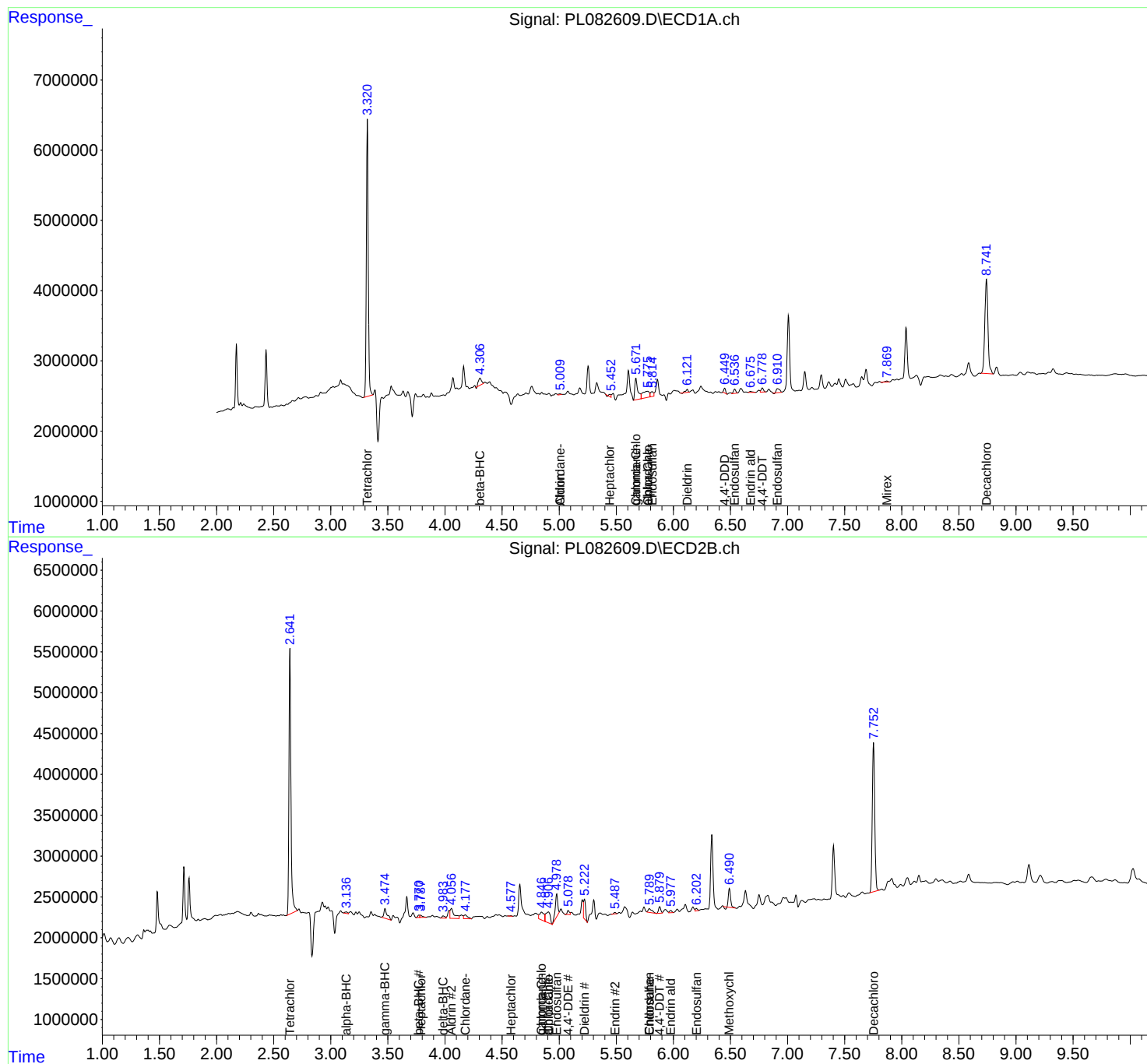
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

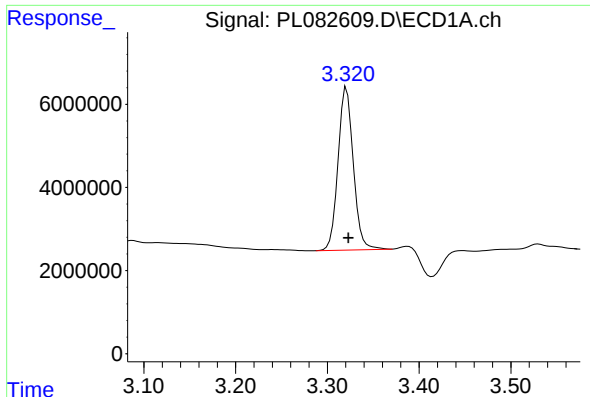
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051023\  
Data File : PL082609.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 May 2023 15:08  
Operator : AR\AJ  
Sample : 02691-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 10 21:08:23 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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

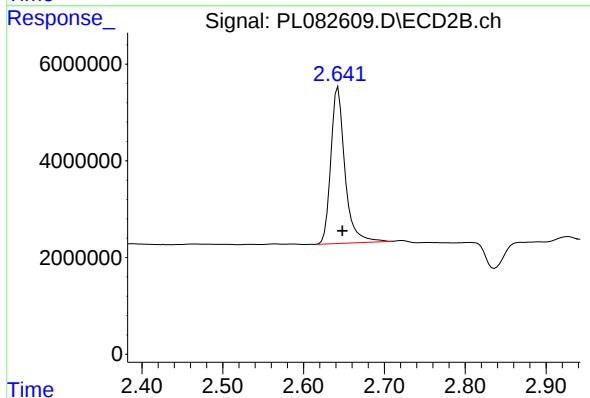




#1 Tetrachloro-m-xylene

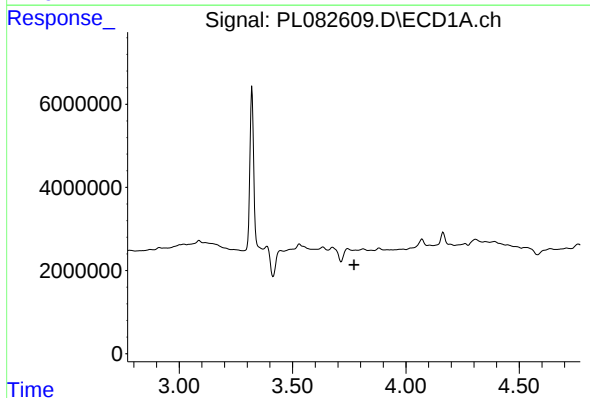
R.T.: 3.321 min  
Delta R.T.: -0.002 min  
Response: 45311426  
Conc: 16.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



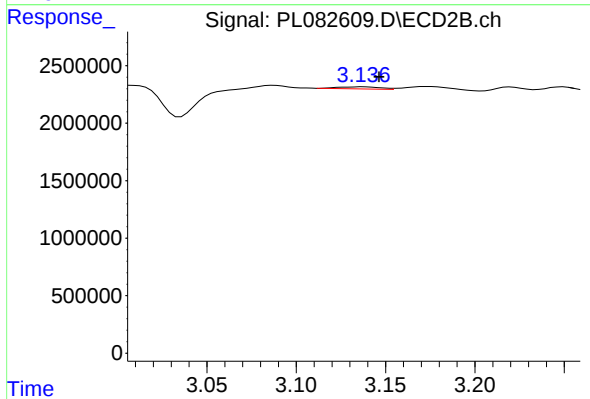
#1 Tetrachloro-m-xylene

R.T.: 2.643 min  
Delta R.T.: -0.005 min  
Response: 39154615  
Conc: 16.90 ng/ml



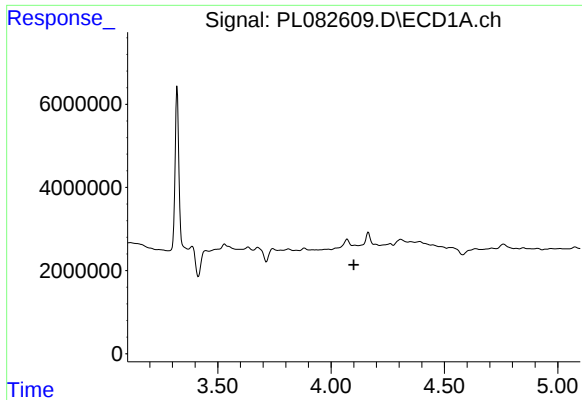
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.772 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

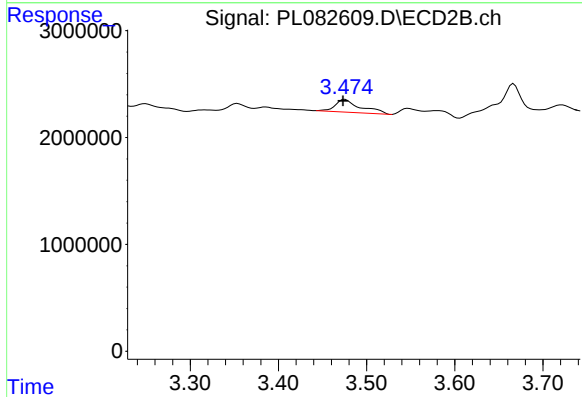
R.T.: 3.138 min  
Delta R.T.: -0.009 min  
Response: 307256  
Conc: 0.09 ng/ml



#3 gamma-BHC (Lindane)

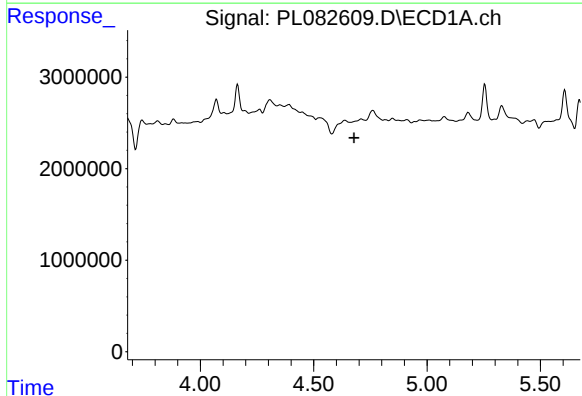
R.T.: 0.000 min  
Exp R.T.: 4.100 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



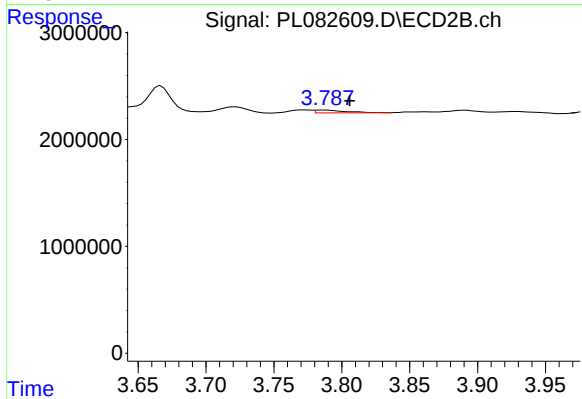
#3 gamma-BHC (Lindane)

R.T.: 3.476 min  
Delta R.T.: 0.002 min  
Response: 2420707  
Conc: 0.75 ng/ml



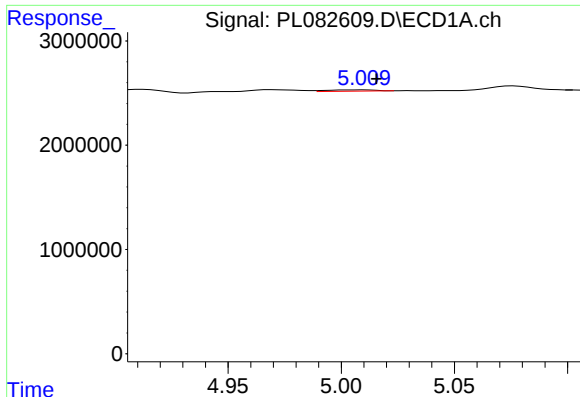
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.679 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

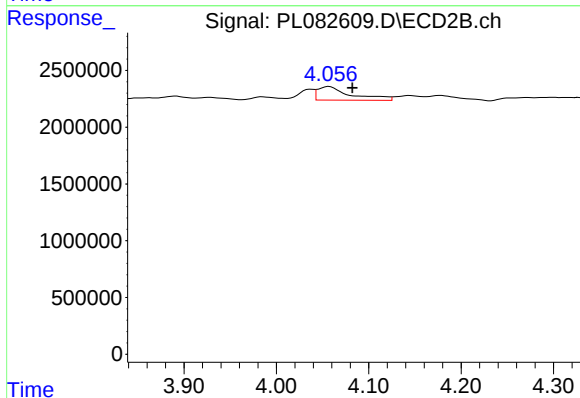
R.T.: 3.788 min  
Delta R.T.: -0.018 min  
Response: 419819  
Conc: 0.12 ng/ml



#5 Aldrin

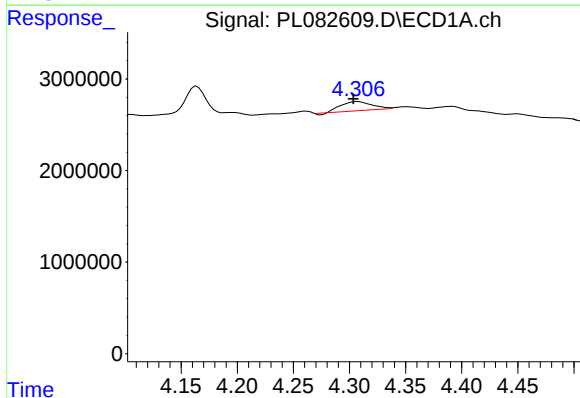
R.T.: 5.011 min  
Delta R.T.: -0.005 min  
Response: 179753  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



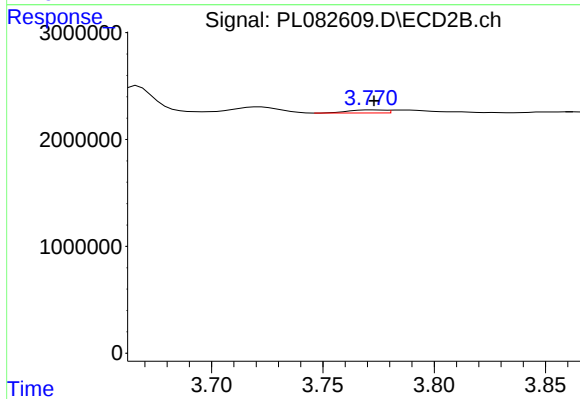
#5 Aldrin

R.T.: 4.057 min  
Delta R.T.: -0.025 min  
Response: 3018700  
Conc: 0.96 ng/ml



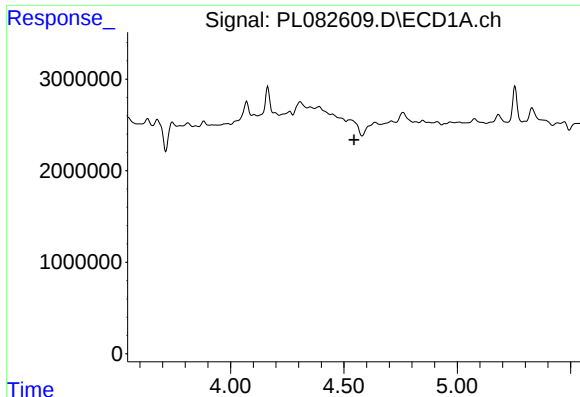
#6 beta-BHC

R.T.: 4.307 min  
Delta R.T.: 0.003 min  
Response: 1850011  
Conc: 1.08 ng/ml



#6 beta-BHC

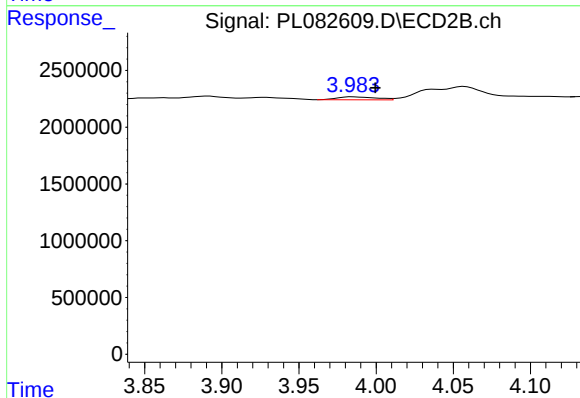
R.T.: 3.772 min  
Delta R.T.: 0.000 min  
Response: 331879  
Conc: 0.24 ng/ml



#7 delta-BHC

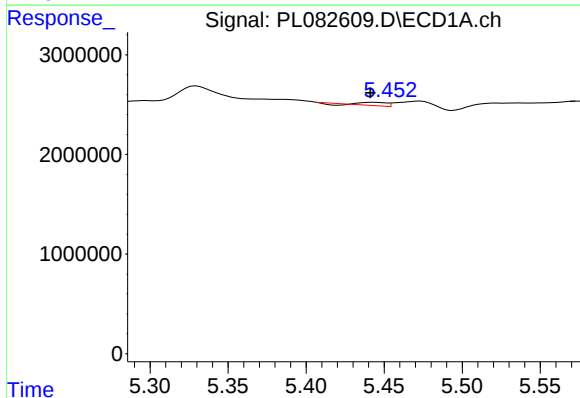
R.T.: 0.000 min  
Exp R.T.: 4.545 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



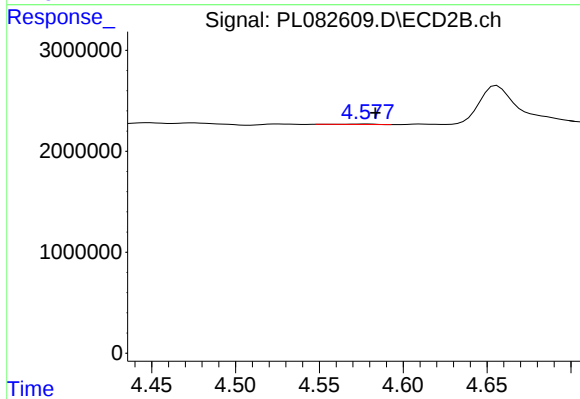
#7 delta-BHC

R.T.: 3.985 min  
Delta R.T.: -0.015 min  
Response: 463655  
Conc: 0.15 ng/ml



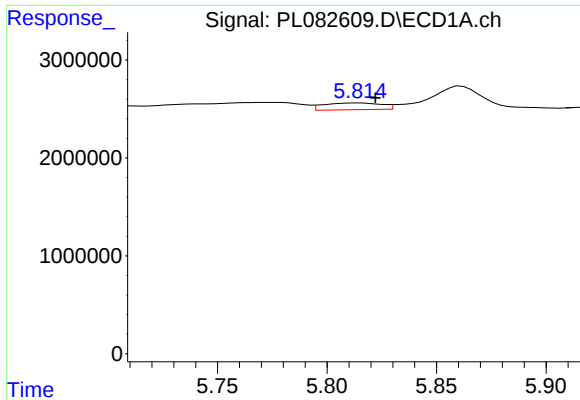
#8 Heptachlor epoxide

R.T.: 5.444 min  
Delta R.T.: 0.002 min  
Response: 301379  
Conc: 0.10 ng/ml



#8 Heptachlor epoxide

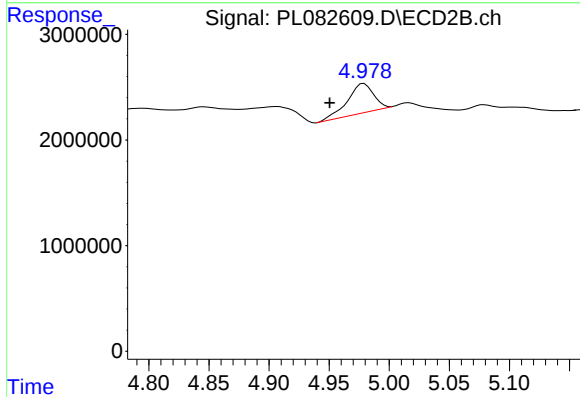
R.T.: 4.579 min  
Delta R.T.: -0.005 min  
Response: 58212  
Conc: 0.02 ng/ml



#9 Endosulfan I

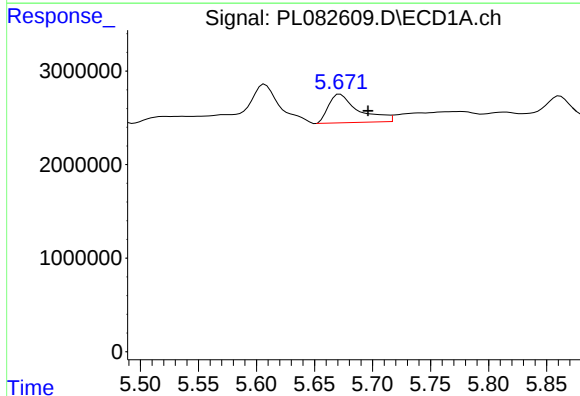
R.T.: 5.815 min  
Delta R.T.: -0.007 min  
Response: 1268719  
Conc: 0.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



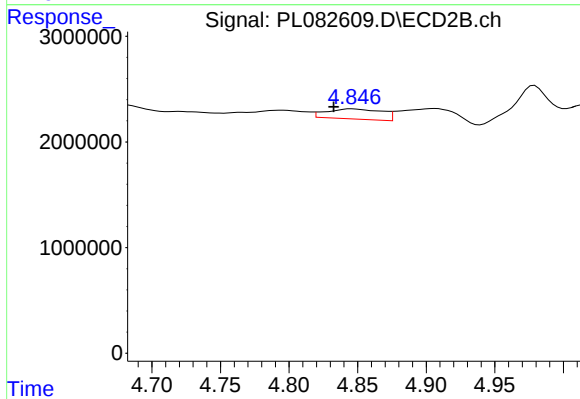
#9 Endosulfan I

R.T.: 4.979 min  
Delta R.T.: 0.029 min  
Response: 4163669  
Conc: 1.56 ng/ml



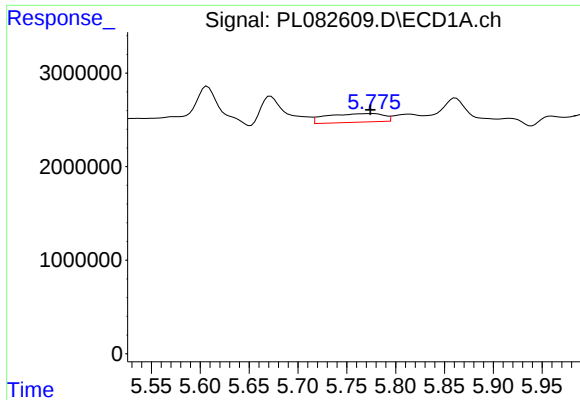
#10 gamma-Chlordane

R.T.: 5.672 min  
Delta R.T.: -0.024 min  
Response: 5509862  
Conc: 1.83 ng/ml



#10 gamma-Chlordane

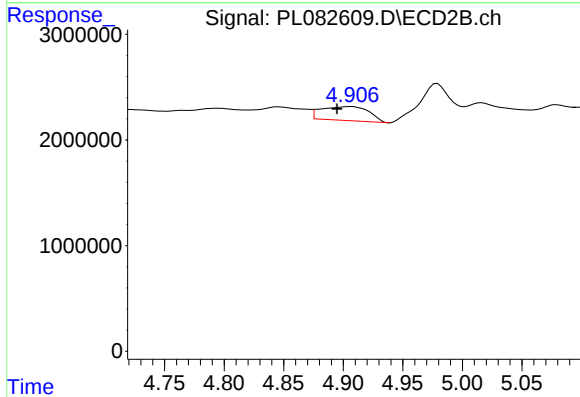
R.T.: 4.846 min  
Delta R.T.: 0.013 min  
Response: 2710475  
Conc: 0.93 ng/ml



#11 alpha-Chlordane

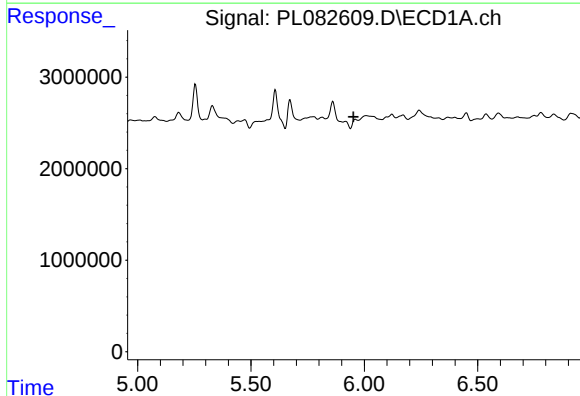
R.T.: 5.776 min  
Delta R.T.: 0.002 min  
Response: 3722551  
Conc: 1.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



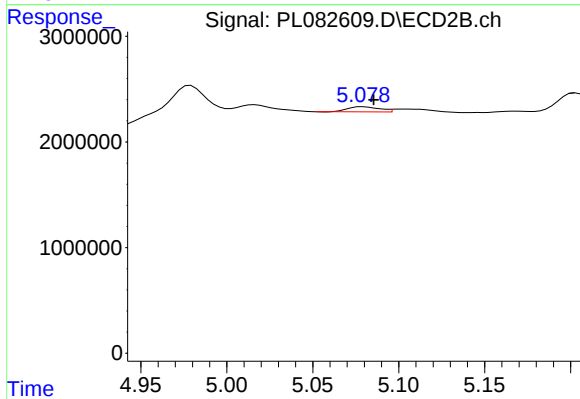
#11 alpha-Chlordane

R.T.: 4.906 min  
Delta R.T.: 0.011 min  
Response: 3679669  
Conc: 1.27 ng/ml



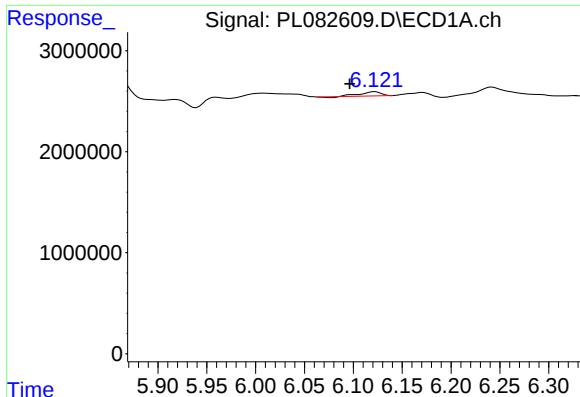
#12 4,4'-DDE

R.T.: 5.960 min  
Delta R.T.: 0.008 min  
Response: -742946  
Conc: N.D.



#12 4,4'-DDE

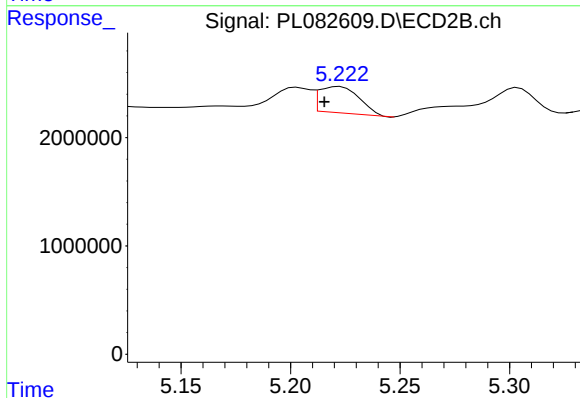
R.T.: 5.079 min  
Delta R.T.: -0.006 min  
Response: 615193  
Conc: 0.27 ng/ml



#13 Dieldrin

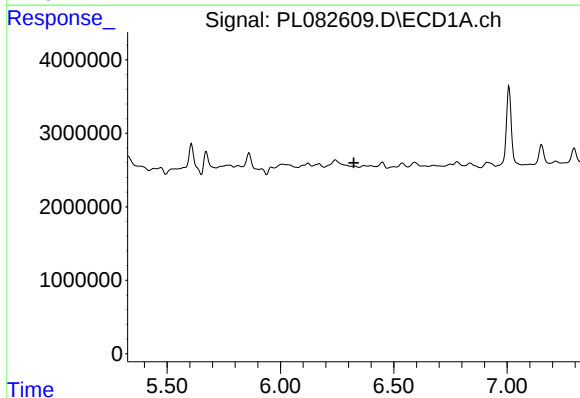
R.T.: 6.122 min  
Delta R.T.: 0.026 min  
Response: 589799  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



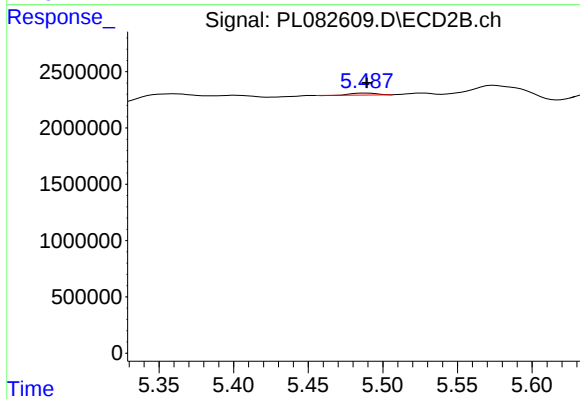
#13 Dieldrin

R.T.: 5.223 min  
Delta R.T.: 0.007 min  
Response: 3100882  
Conc: 1.15 ng/ml



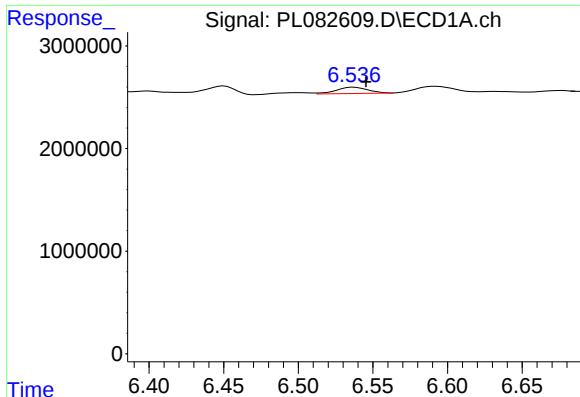
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.324 min  
Response: 0  
Conc: N.D.



#14 Endrin

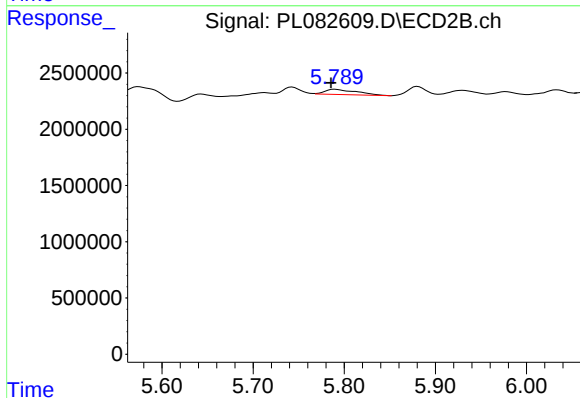
R.T.: 5.489 min  
Delta R.T.: 0.000 min  
Response: 190735  
Conc: 0.08 ng/ml



#15 Endosulfan II

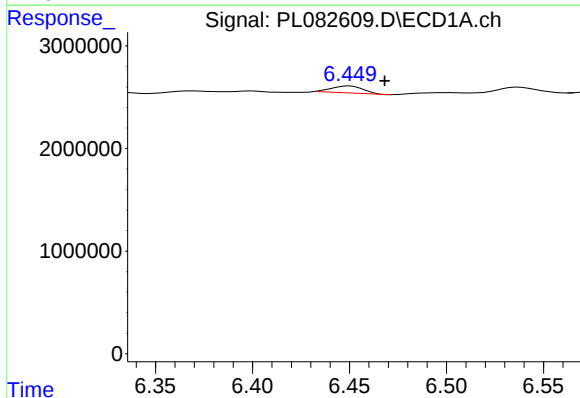
R.T.: 6.537 min  
Delta R.T.: -0.008 min  
Response: 890704  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



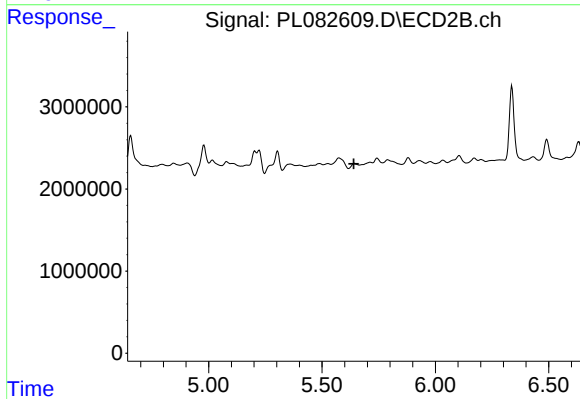
#15 Endosulfan II

R.T.: 5.790 min  
Delta R.T.: 0.004 min  
Response: 1096982  
Conc: 0.49 ng/ml



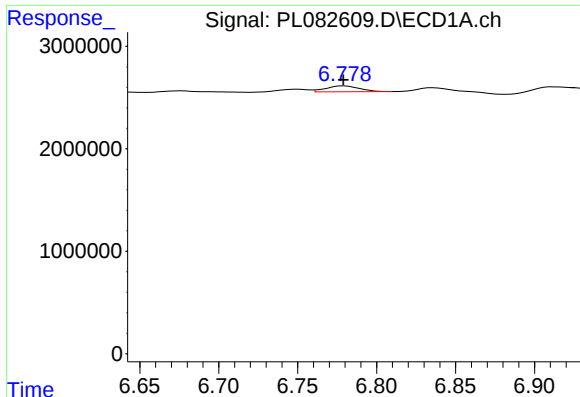
#16 4,4'-DDD

R.T.: 6.450 min  
Delta R.T.: -0.018 min  
Response: 763039  
Conc: 0.38 ng/ml



#16 4,4'-DDD

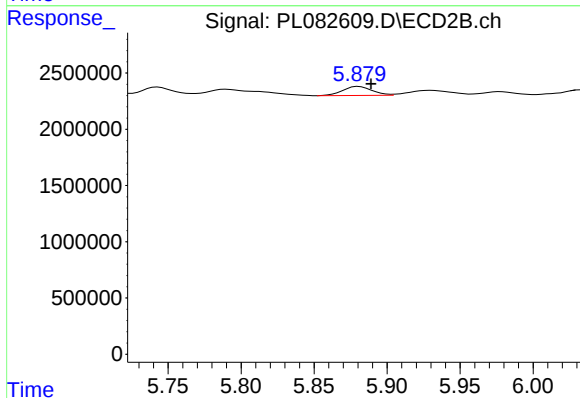
R.T.: 5.643 min  
Delta R.T.: 0.003 min  
Response: -469724  
Conc: N.D.



#17 4,4'-DDT

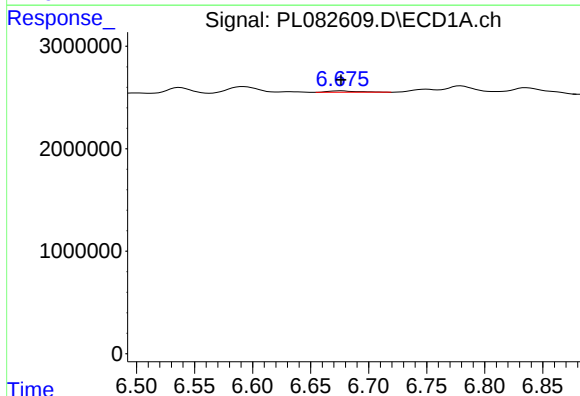
R.T.: 6.779 min  
Delta R.T.: 0.000 min  
Response: 849069  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



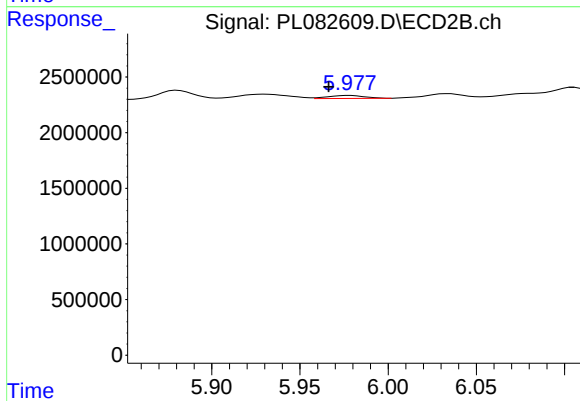
#17 4,4'-DDT

R.T.: 5.881 min  
Delta R.T.: -0.008 min  
Response: 1129292  
Conc: 0.53 ng/ml



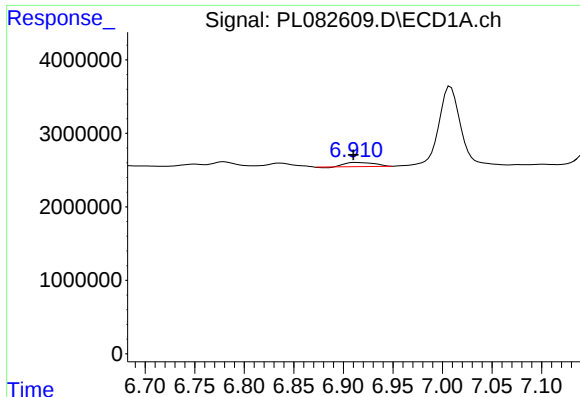
#18 Endrin aldehyde

R.T.: 6.676 min  
Delta R.T.: 0.000 min  
Response: 238361  
Conc: 0.13 ng/ml



#18 Endrin aldehyde

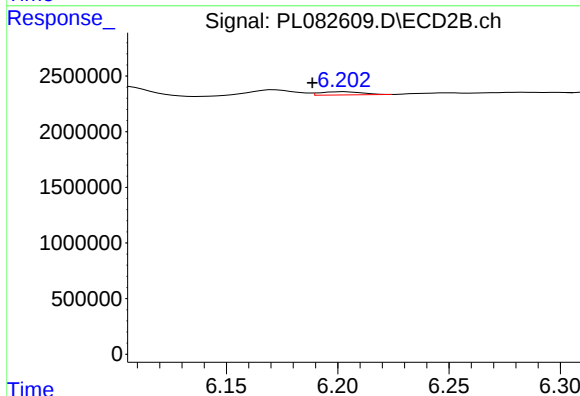
R.T.: 5.978 min  
Delta R.T.: 0.012 min  
Response: 391424  
Conc: 0.21 ng/ml



#19 Endosulfan Sulfate

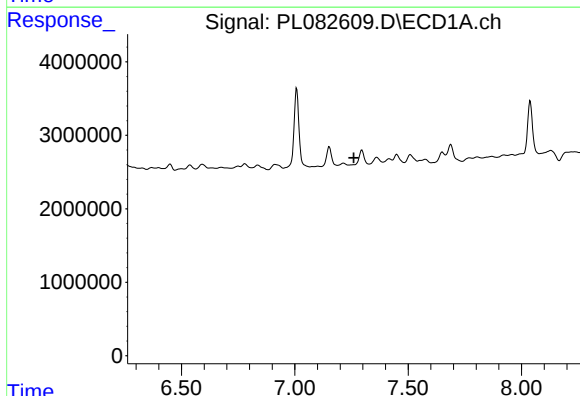
R.T.: 6.912 min  
Delta R.T.: 0.002 min  
Response: 1162138  
Conc: 0.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



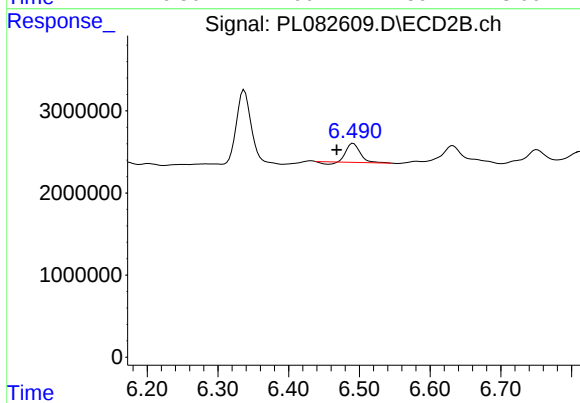
#19 Endosulfan Sulfate

R.T.: 6.203 min  
Delta R.T.: 0.014 min  
Response: 384679  
Conc: 0.16 ng/ml



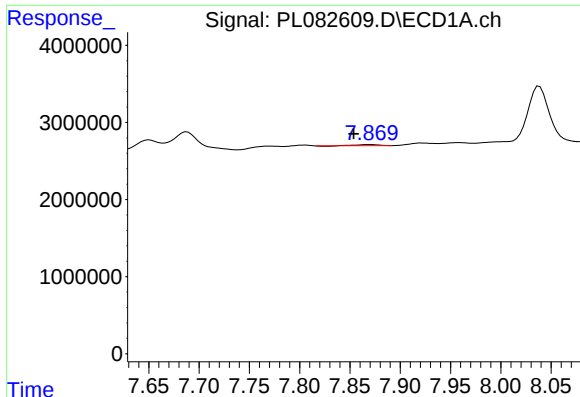
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.260 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

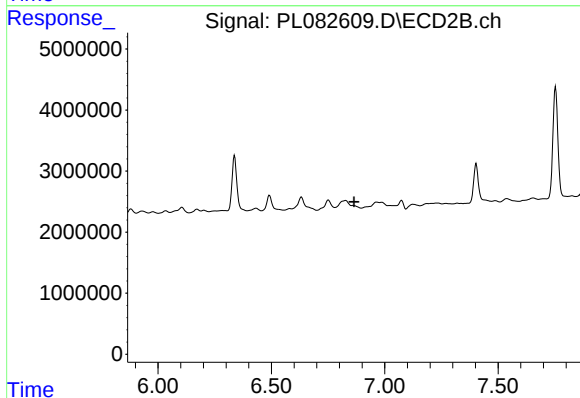
R.T.: 6.491 min  
Delta R.T.: 0.023 min  
Response: 2936985  
Conc: 2.42 ng/ml



#22 Mirex

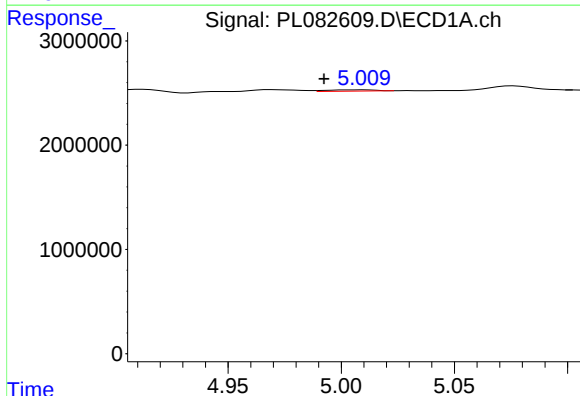
R.T.: 7.870 min  
Delta R.T.: 0.017 min  
Response: 180673  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



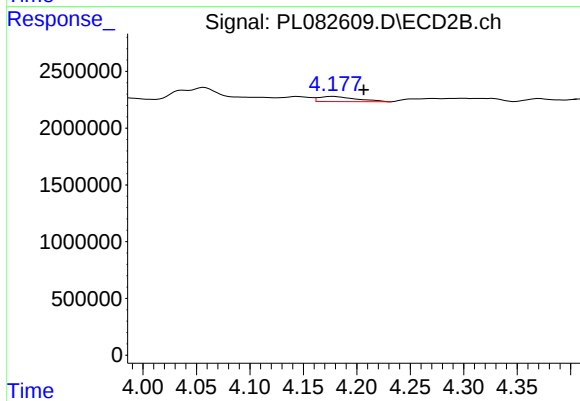
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 6.865 min  
Response: 0  
Conc: N.D.



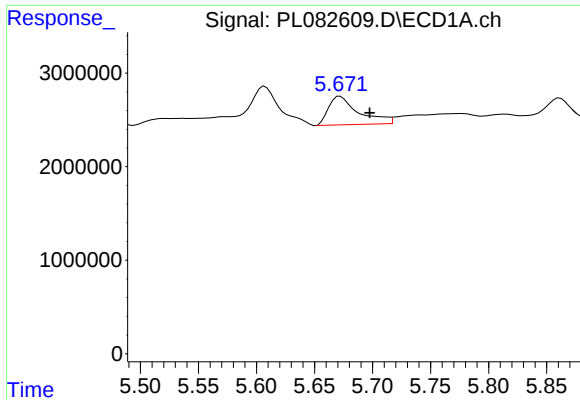
#24 Chlordane-2

R.T.: 5.011 min  
Delta R.T.: 0.018 min  
Response: 179753  
Conc: 1.51 ng/ml



#24 Chlordane-2

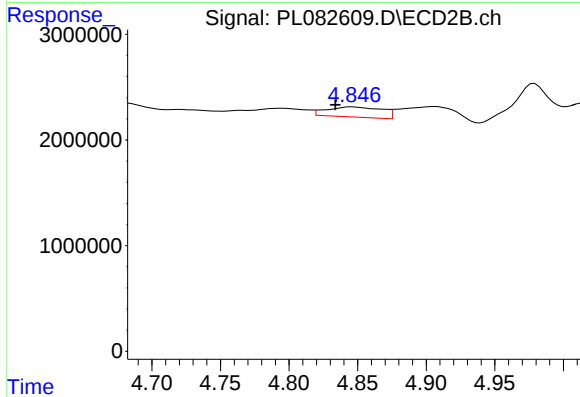
R.T.: 4.179 min  
Delta R.T.: -0.028 min  
Response: 1101310  
Conc: 9.82 ng/ml



#25 Chlordane-3

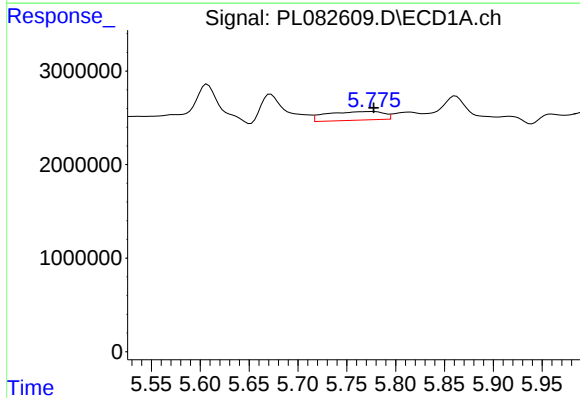
R.T.: 5.672 min  
Delta R.T.: -0.025 min  
Response: 5509862  
Conc: 12.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



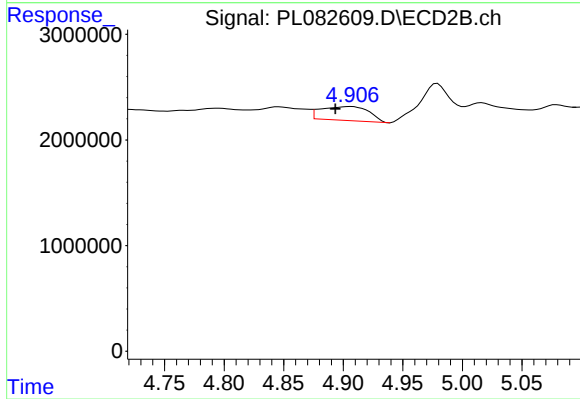
#25 Chlordane-3

R.T.: 4.846 min  
Delta R.T.: 0.012 min  
Response: 2710475  
Conc: 9.54 ng/ml



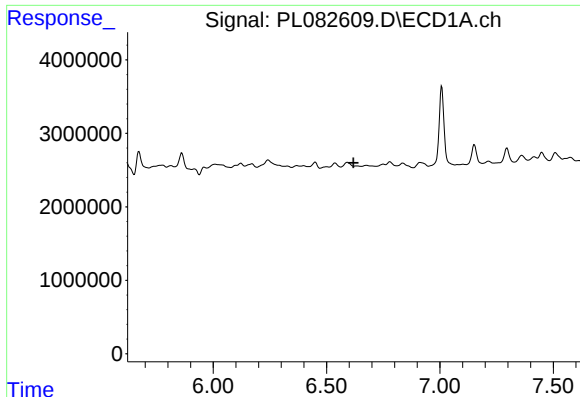
#26 Chlordane-4

R.T.: 5.776 min  
Delta R.T.: -0.001 min  
Response: 3722551  
Conc: 7.16 ng/ml



#26 Chlordane-4

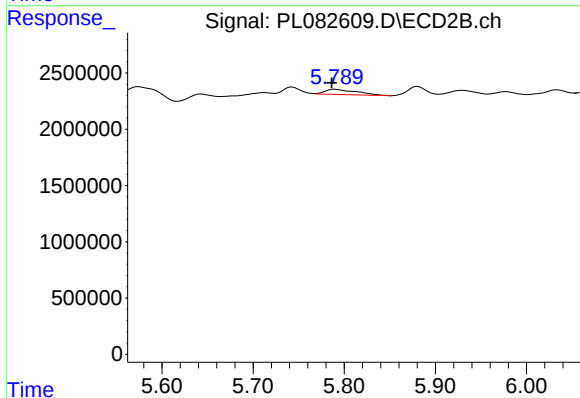
R.T.: 4.906 min  
Delta R.T.: 0.013 min  
Response: 3679669  
Conc: 12.33 ng/ml



#27 Chlordane-5

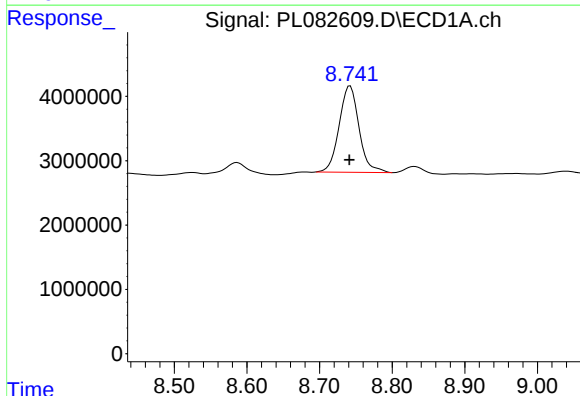
R.T.: 0.000 min  
Exp R.T.: 6.619 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



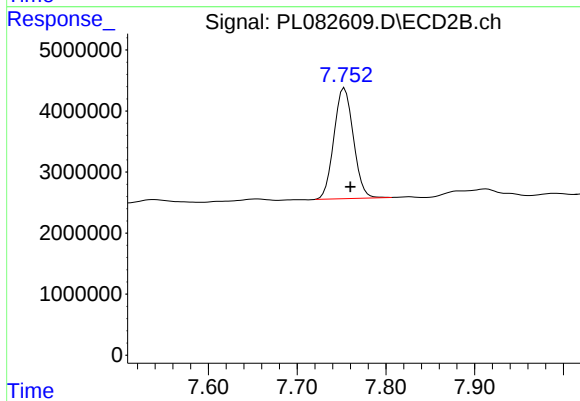
#27 Chlordane-5

R.T.: 5.790 min  
Delta R.T.: 0.003 min  
Response: 1096982  
Conc: 11.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.742 min  
Delta R.T.: 0.001 min  
Response: 25534793  
Conc: 13.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.753 min  
Delta R.T.: -0.006 min  
Response: 27576008  
Conc: 12.08 ng/ml