

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031723\  
 Data File : PL081561.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Mar 2023 18:38  
 Operator : AR\AJ  
 Sample : 01932-12  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 17 22:36:24 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 03 01:48:45 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... | 3.330  | 2.660  | 42206061 | 39250654 | 19.535 | 19.394   |
| 28)                         | SA Decachlor... | 8.755  | 7.781  | 32522224 | 42220640 | 21.332 | 22.041   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.777  | 3.142f | 44397    | 195579   | 0.014  | 0.067 #  |
| 3)                          | MA gamma-BHC... | 4.113  | 3.498  | -559530  | 1442030  | N.D.   | 0.524    |
| 4)                          | MA Heptachlor   | 0.000  | 3.837  | 0        | 12385762 | N.D.   | 4.488 #  |
| 5)                          | MB Aldrin       | 5.059f | 4.118  | 6892433  | 7947816  | 2.709  | 3.032    |
| 7)                          | B delta-BHC     | 4.566  | 4.020  | 10368906 | 4664601  | 3.731  | 1.832 #  |
| 8)                          | B Heptachlo...  | 5.447  | 4.594f | 8169497  | 299169   | 3.462  | 0.124 #  |
| 9)                          | A Endosulfan I  | 5.824f | 5.003f | 467478   | 546673   | 0.221  | 0.241    |
| 10)                         | B gamma-Chl...  | 5.701  | 4.882f | 6442773  | 11198385 | 2.823  | 4.575 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 4.926  | 0        | 6709684  | N.D.   | 2.740 #  |
| 12)                         | B 4,4'-DDE      | 5.957  | 5.144f | 3703508  | 4405313  | 1.893  | 2.244    |
| 13)                         | MA Dieldrin     | 0.000  | 5.236  | 0        | 5120909  | N.D.   | 2.272 #  |
| 14)                         | MA Endrin       | 6.338  | 0.000  | 4857119  | 0        | 2.672  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.543f | 5.790f | 423445   | 1671297  | 0.243  | 0.906 #  |
| 16)                         | A 4,4'-DDD      | 6.486  | 0.000  | 389675   | 0        | 0.253  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.901f | 0        | 1902381  | N.D.   | 1.186 #  |
| 18)                         | B Endrin al...  | 0.000  | 5.997  | 0        | 151456   | N.D.   | 0.100 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.232  | 0        | 557672   | N.D.   | 0.290 #  |
| 20)                         | A Methoxychlor  | 7.301f | 6.529f | 312862   | 30759    | 0.363  | 0.033 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.743f | 0        | 219260   | N.D.   | 0.102 #  |
| 23)                         | Chlordane-1     | 4.466  | 3.668  | 623275   | 41986    | 6.510  | 0.509 #  |
| 25)                         | Chlordane-3     | 5.701  | 4.882f | 6442773  | 11198385 | 17.614 | 41.435 # |
| 26)                         | Chlordane-4     | 5.824f | 4.926  | 467478   | 6709684  | 1.064  | 23.892 # |
| 27)                         | Chlordane-5     | 0.000  | 5.578  | 0        | 157526   | N.D.   | 2.280 #  |
| -----                       |                 |        |        |          |          |        |          |

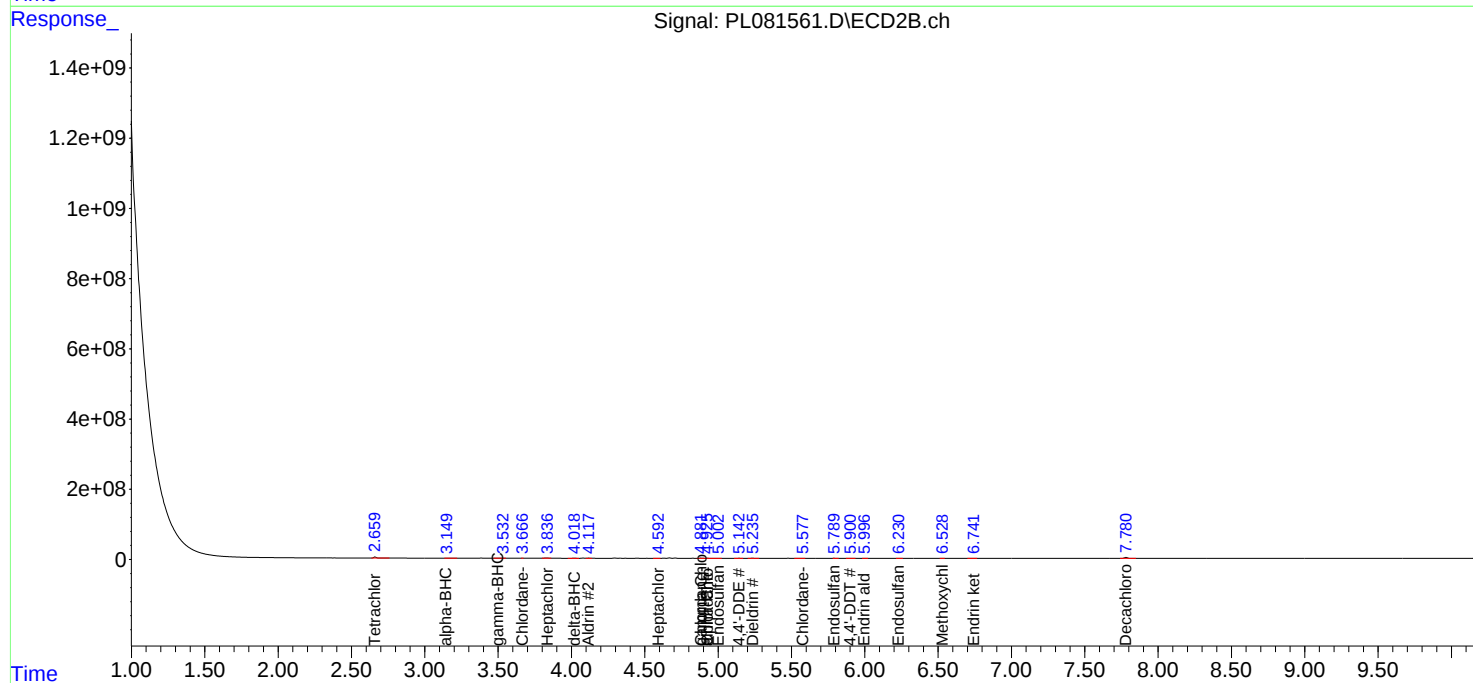
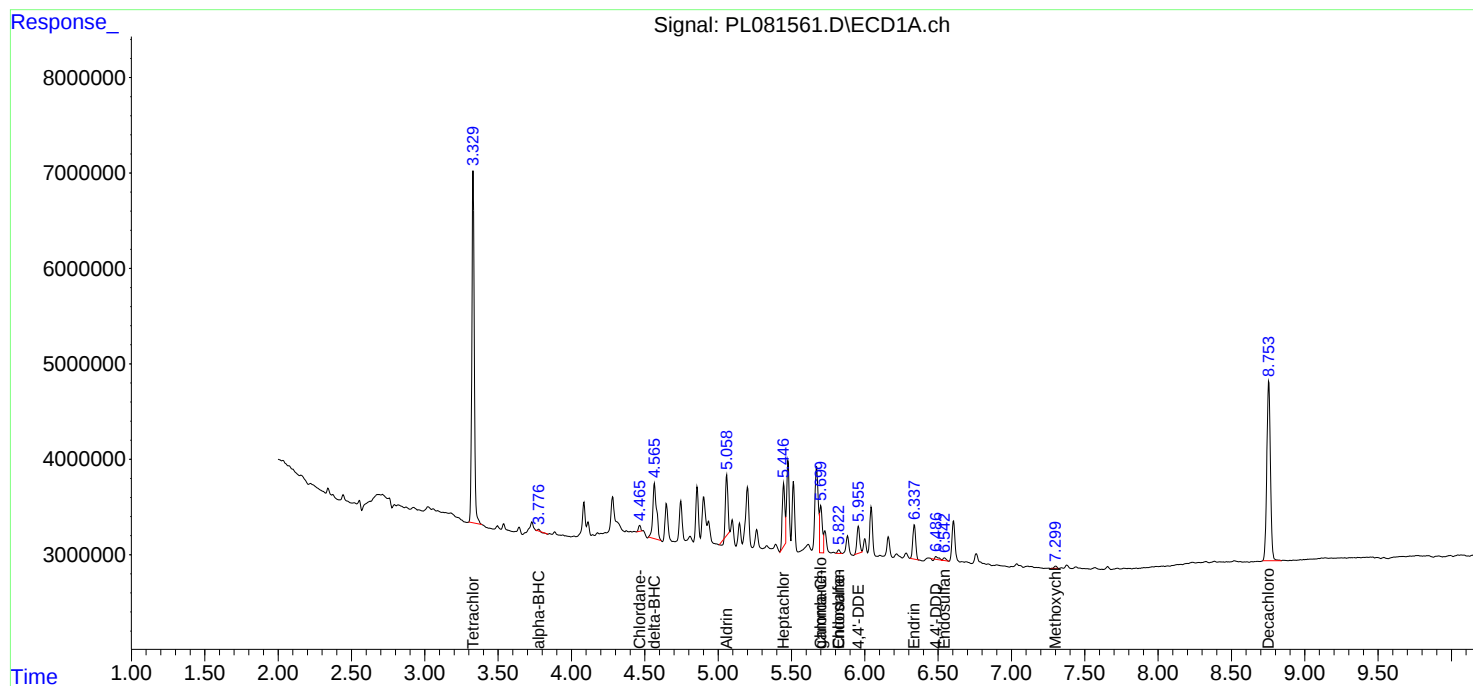
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

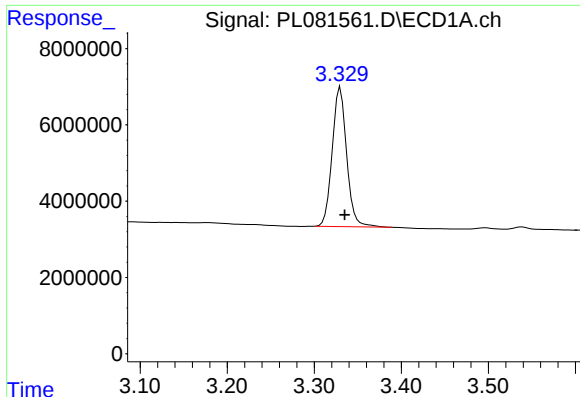
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031723\  
Data File : PL081561.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Mar 2023 18:38  
Operator : AR\AJ  
Sample : 01932-12  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 17 22:36:24 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 03 01:48:45 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

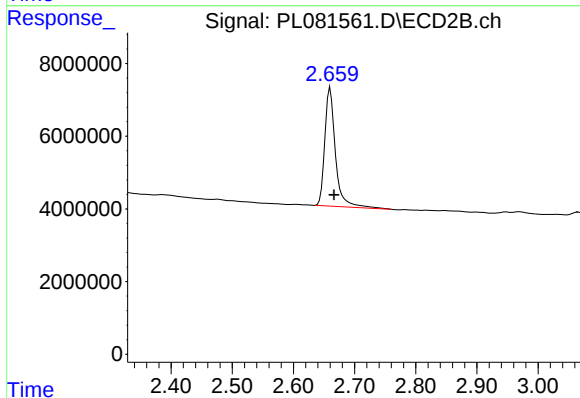




#1 Tetrachloro-m-xylene

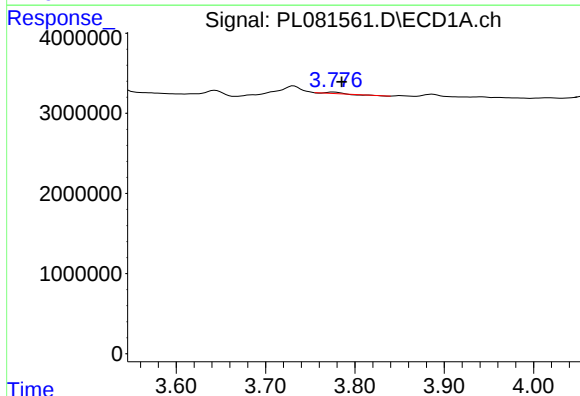
R.T.: 3.330 min  
Delta R.T.: -0.005 min  
Response: 42206061  
Conc: 19.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



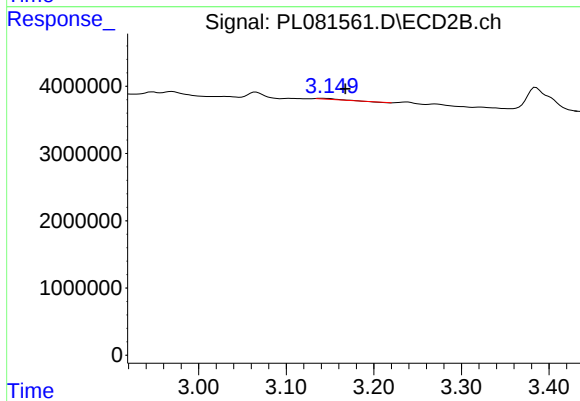
#1 Tetrachloro-m-xylene

R.T.: 2.660 min  
Delta R.T.: -0.006 min  
Response: 39250654  
Conc: 19.39 ng/ml



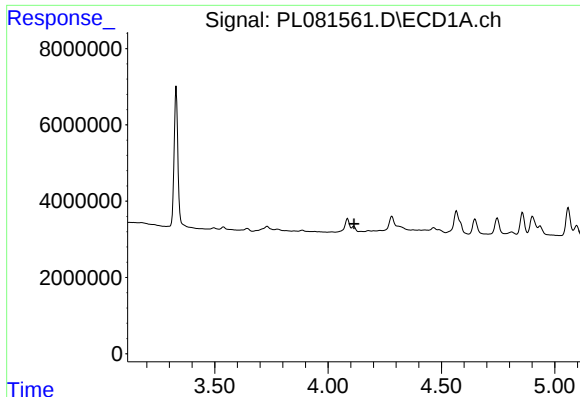
#2 alpha-BHC

R.T.: 3.777 min  
Delta R.T.: -0.009 min  
Response: 44397  
Conc: 0.01 ng/ml



#2 alpha-BHC

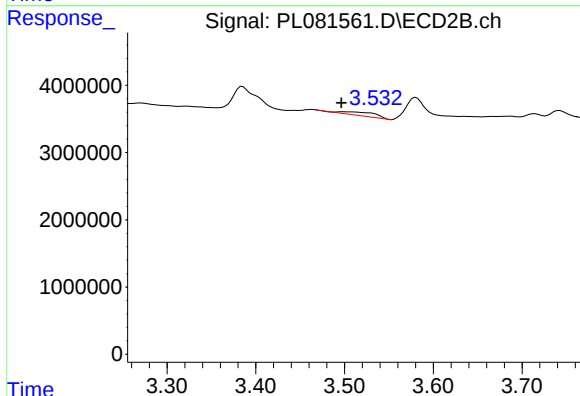
R.T.: 3.142 min  
Delta R.T.: -0.026 min  
Response: 195579  
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

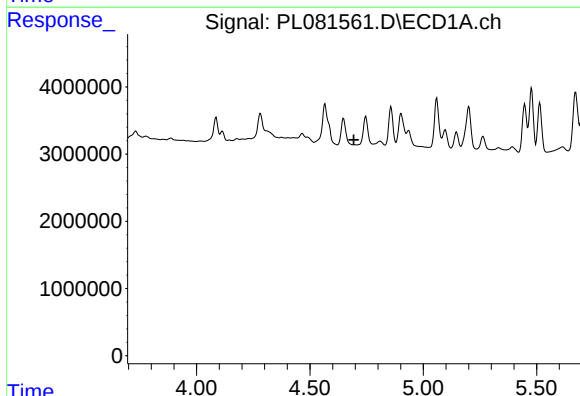
R.T.: 4.113 min  
Delta R.T.: -0.001 min  
Response: -559530  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



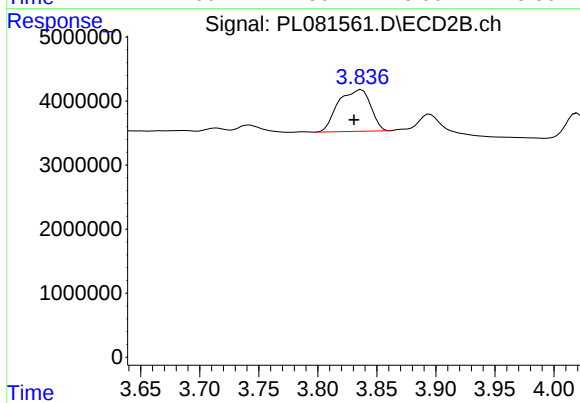
#3 gamma-BHC (Lindane)

R.T.: 3.498 min  
Delta R.T.: 0.002 min  
Response: 1442030  
Conc: 0.52 ng/ml



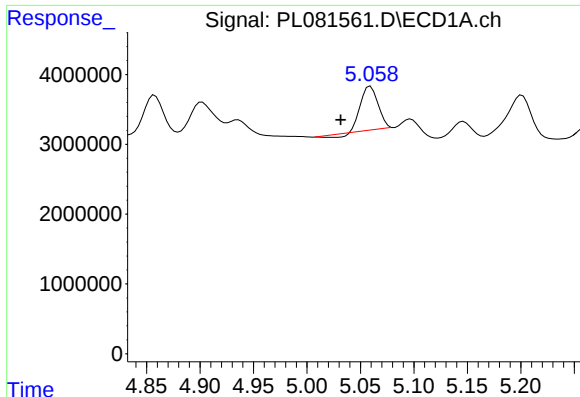
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.694 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

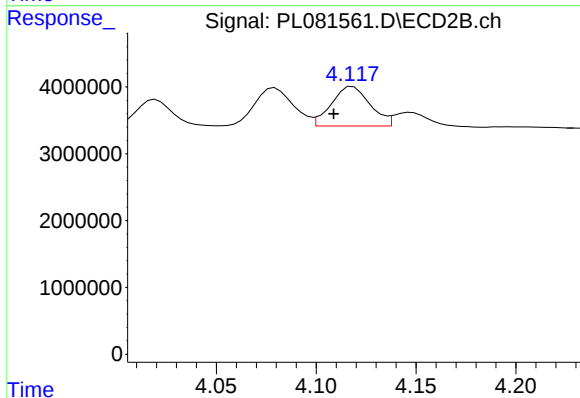
R.T.: 3.837 min  
Delta R.T.: 0.006 min  
Response: 12385762  
Conc: 4.49 ng/ml



#5 Aldrin

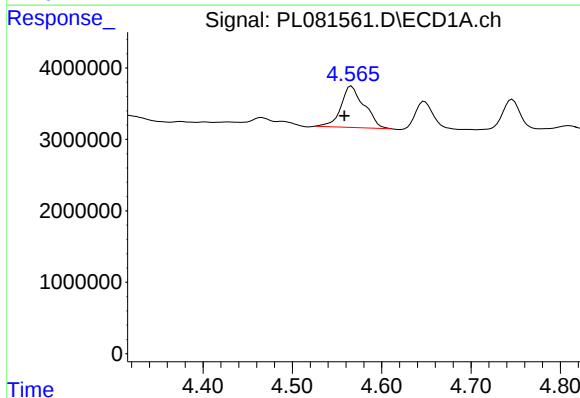
R.T.: 5.059 min  
Delta R.T.: 0.028 min  
Response: 6892433  
Conc: 2.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



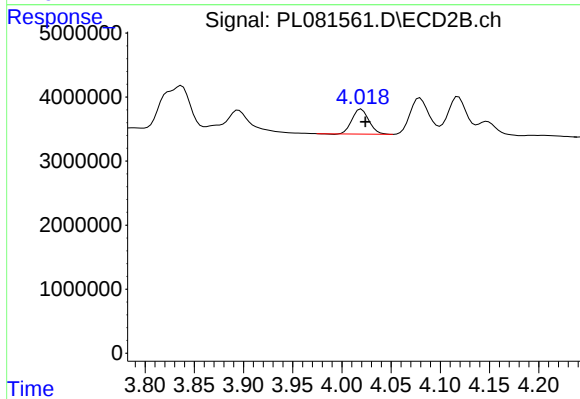
#5 Aldrin

R.T.: 4.118 min  
Delta R.T.: 0.009 min  
Response: 7947816  
Conc: 3.03 ng/ml



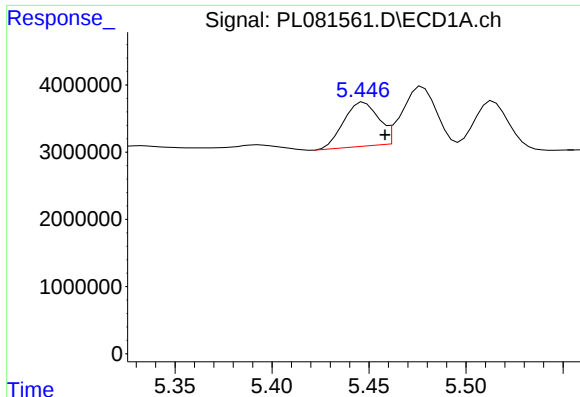
#7 delta-BHC

R.T.: 4.566 min  
Delta R.T.: 0.008 min  
Response: 10368906  
Conc: 3.73 ng/ml



#7 delta-BHC

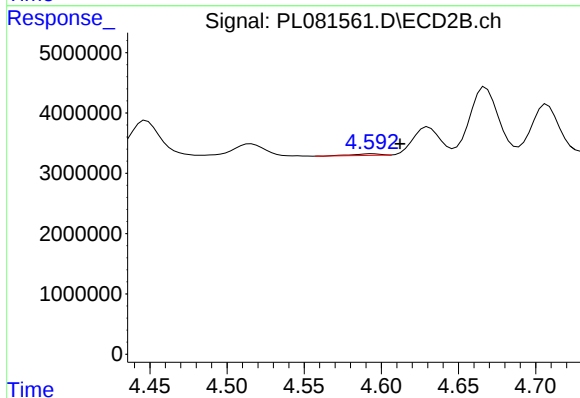
R.T.: 4.020 min  
Delta R.T.: -0.004 min  
Response: 4664601  
Conc: 1.83 ng/ml



#8 Heptachlor epoxide

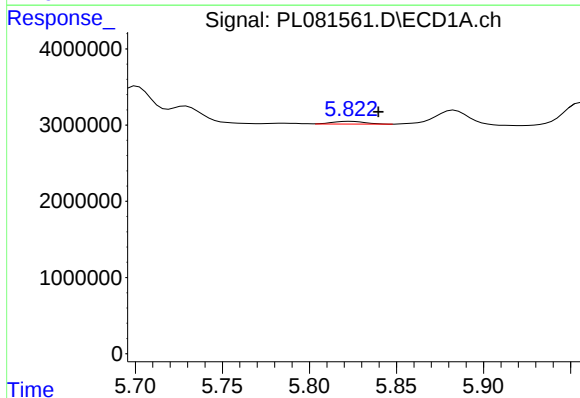
R.T.: 5.447 min  
Delta R.T.: -0.011 min  
Response: 8169497  
Conc: 3.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



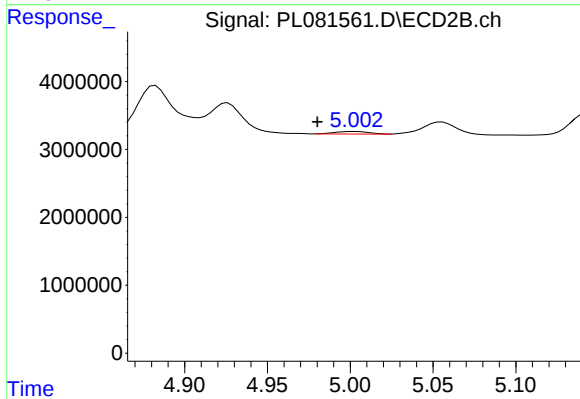
#8 Heptachlor epoxide

R.T.: 4.594 min  
Delta R.T.: -0.018 min  
Response: 299169  
Conc: 0.12 ng/ml



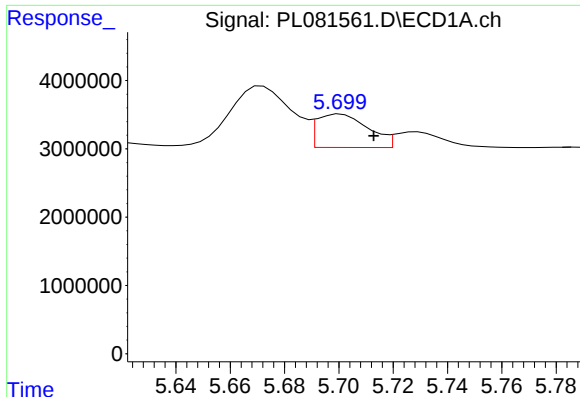
#9 Endosulfan I

R.T.: 5.824 min  
Delta R.T.: -0.016 min  
Response: 467478  
Conc: 0.22 ng/ml



#9 Endosulfan I

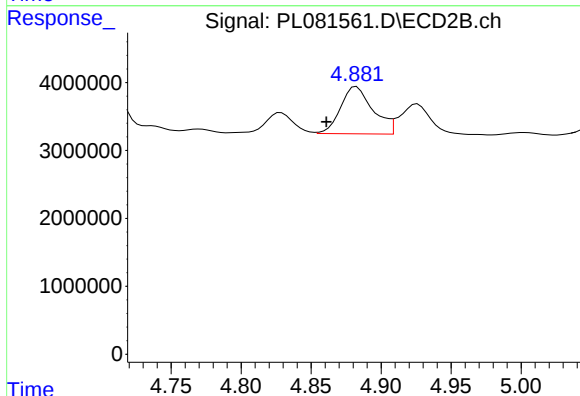
R.T.: 5.003 min  
Delta R.T.: 0.022 min  
Response: 546673  
Conc: 0.24 ng/ml



#10 gamma-Chlordane

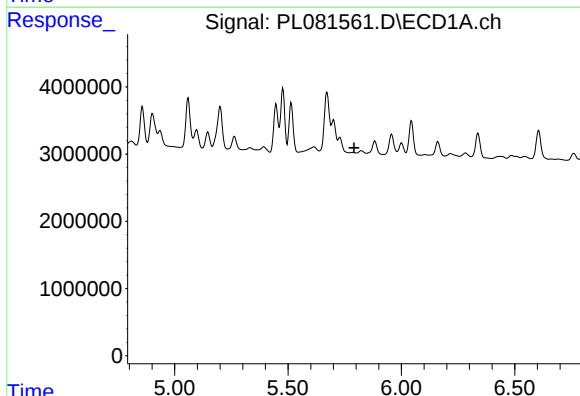
R.T.: 5.701 min  
Delta R.T.: -0.012 min  
Response: 6442773  
Conc: 2.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



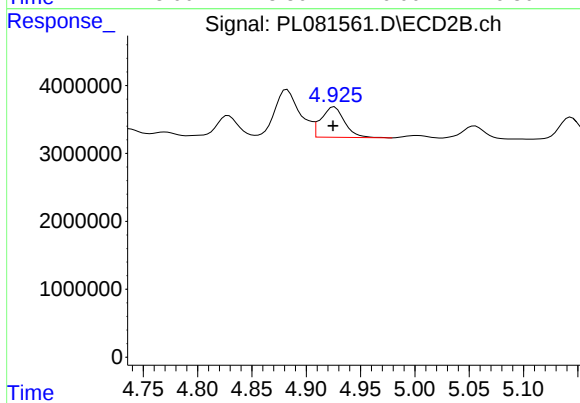
#10 gamma-Chlordane

R.T.: 4.882 min  
Delta R.T.: 0.021 min  
Response: 11198385  
Conc: 4.57 ng/ml



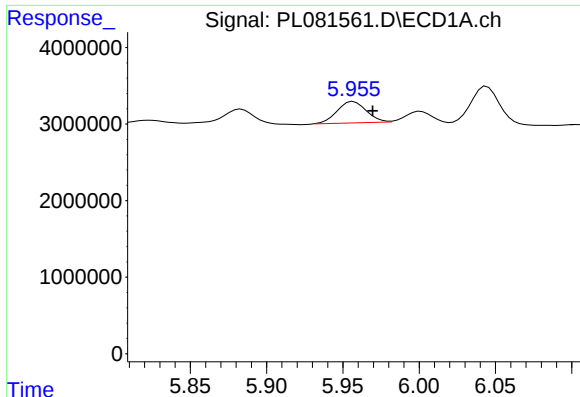
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.791 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

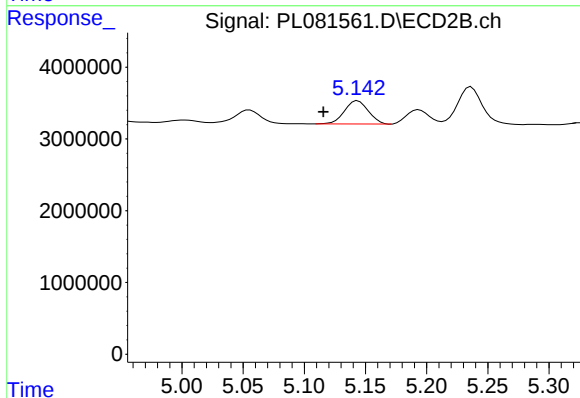
R.T.: 4.926 min  
Delta R.T.: 0.001 min  
Response: 6709684  
Conc: 2.74 ng/ml



#12 4,4'-DDE

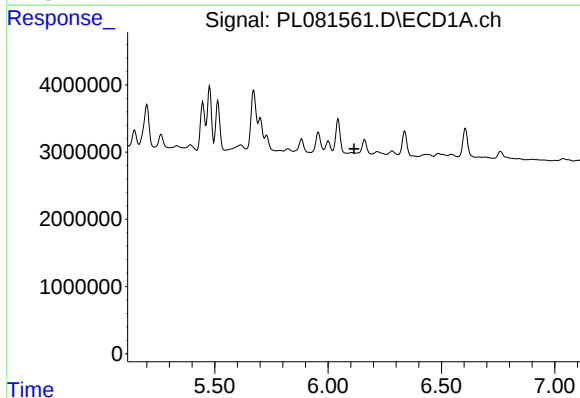
R.T.: 5.957 min  
Delta R.T.: -0.013 min  
Response: 3703508  
Conc: 1.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



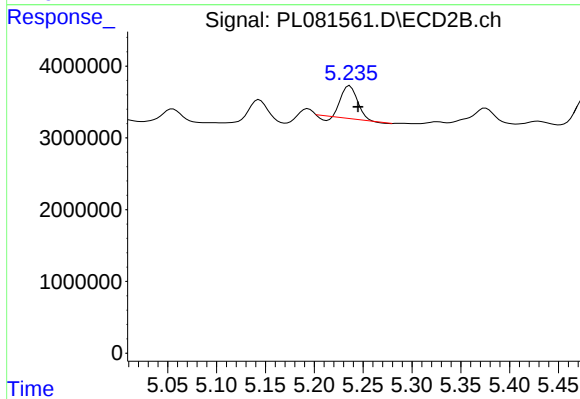
#12 4,4'-DDE

R.T.: 5.144 min  
Delta R.T.: 0.028 min  
Response: 4405313  
Conc: 2.24 ng/ml



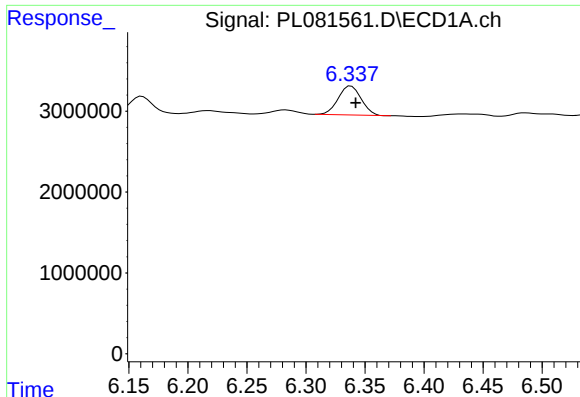
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.114 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

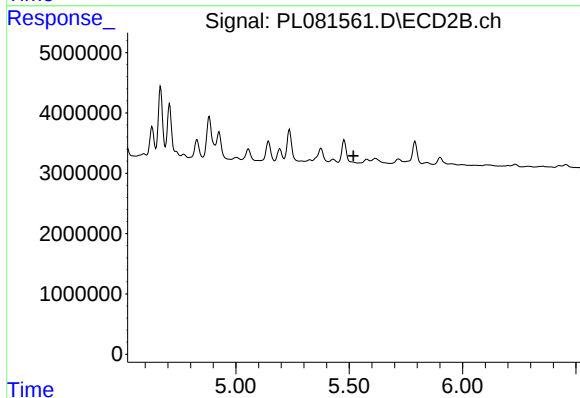
R.T.: 5.236 min  
Delta R.T.: -0.008 min  
Response: 5120909  
Conc: 2.27 ng/ml



#14 Endrin

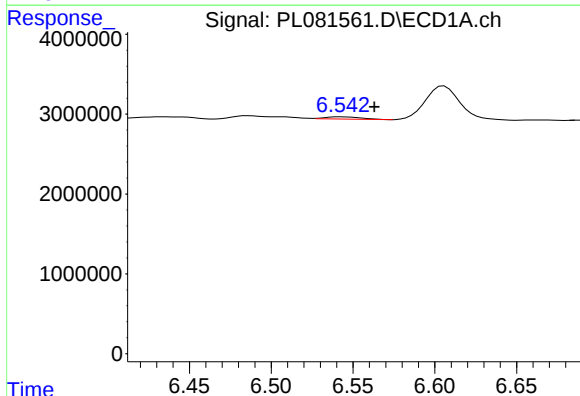
R.T.: 6.338 min  
Delta R.T.: -0.004 min  
Response: 4857119  
Conc: 2.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



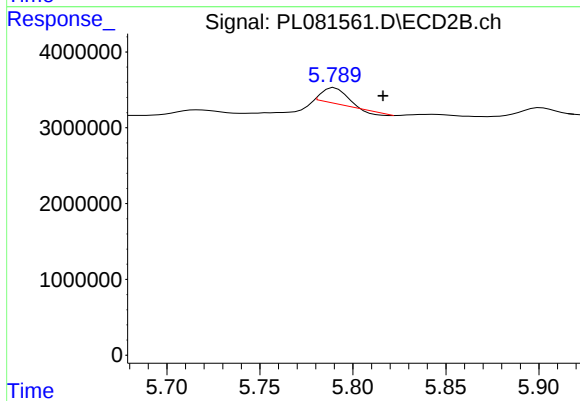
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 5.519 min  
Response: 0  
Conc: N.D.



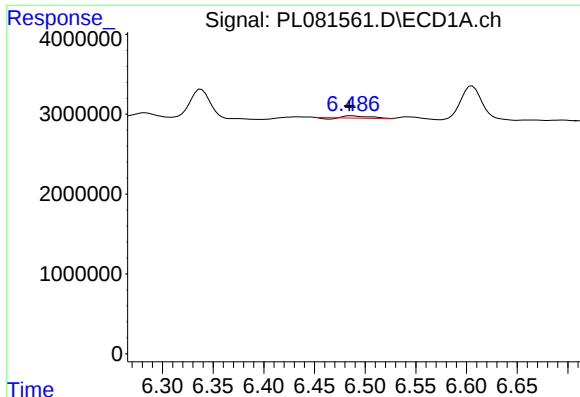
#15 Endosulfan II

R.T.: 6.543 min  
Delta R.T.: -0.021 min  
Response: 423445  
Conc: 0.24 ng/ml



#15 Endosulfan II

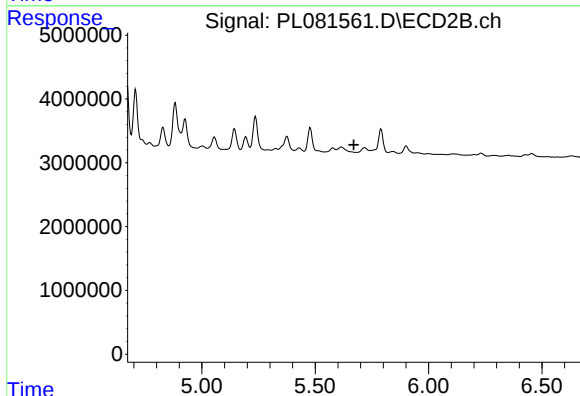
R.T.: 5.790 min  
Delta R.T.: -0.026 min  
Response: 1671297  
Conc: 0.91 ng/ml



#16 4,4'-DDD

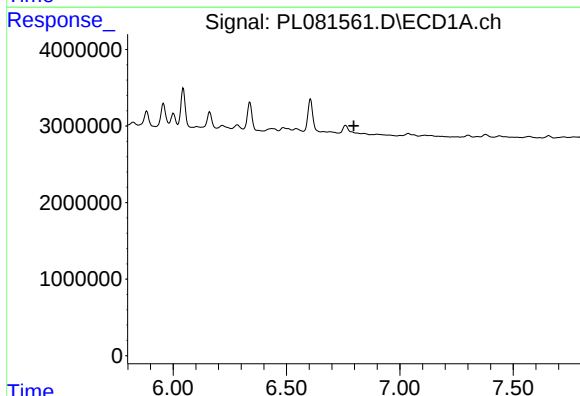
R.T.: 6.486 min  
Delta R.T.: 0.001 min  
Response: 389675  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



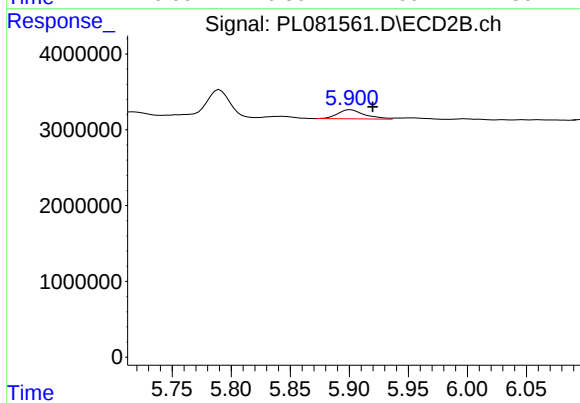
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.671 min  
Response: 0  
Conc: N.D.



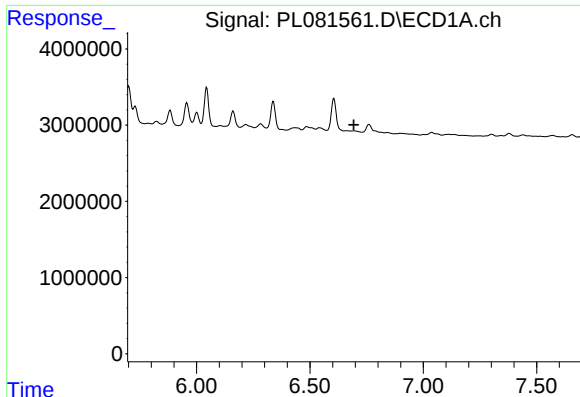
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.797 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

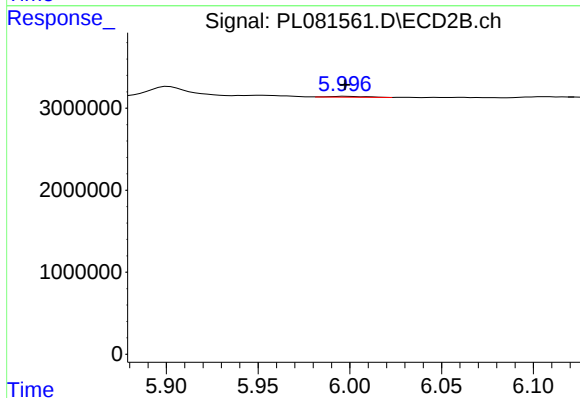
R.T.: 5.901 min  
Delta R.T.: -0.018 min  
Response: 1902381  
Conc: 1.19 ng/ml



#18 Endrin aldehyde

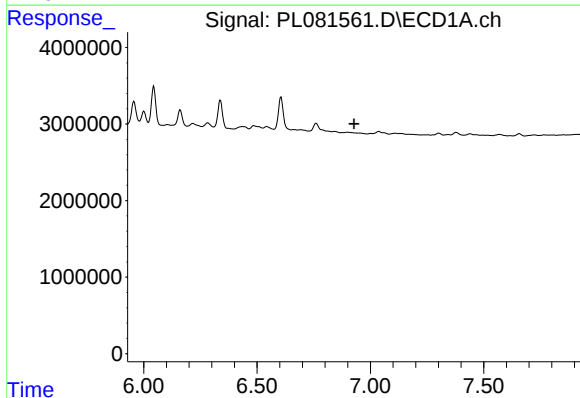
R.T.: 0.000 min  
Exp R.T.: 6.693 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



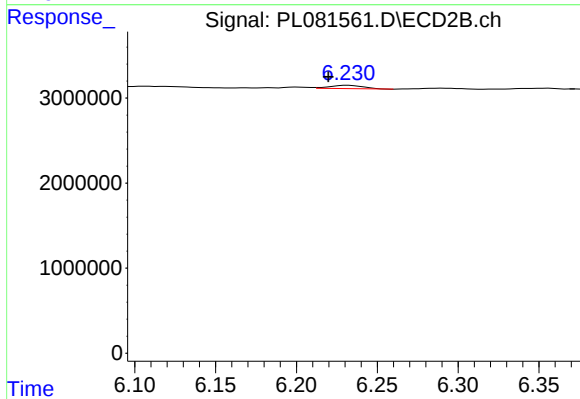
#18 Endrin aldehyde

R.T.: 5.997 min  
Delta R.T.: 0.000 min  
Response: 151456  
Conc: 0.10 ng/ml



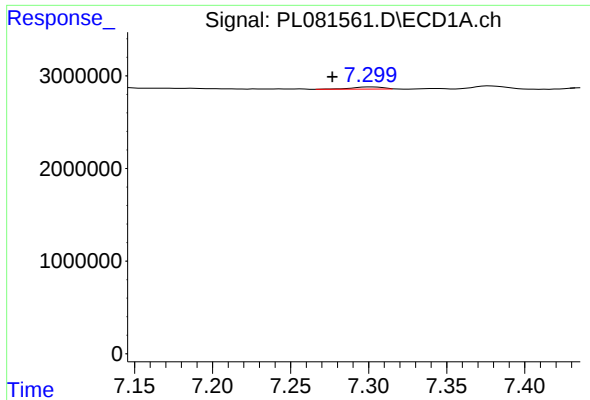
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 6.928 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

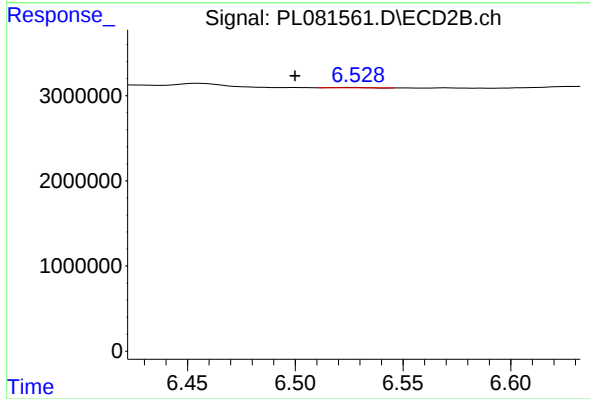
R.T.: 6.232 min  
Delta R.T.: 0.012 min  
Response: 557672  
Conc: 0.29 ng/ml



#20 Methoxychlor

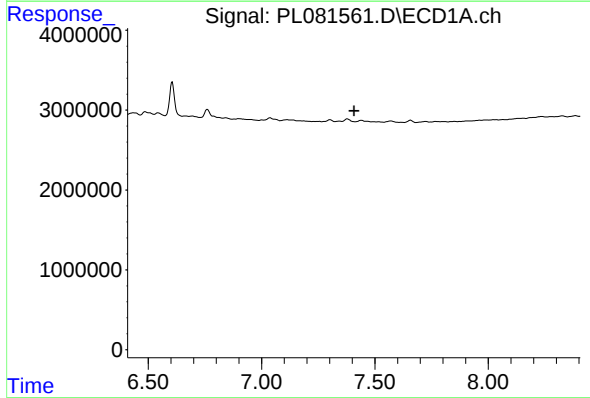
R.T.: 7.301 min  
Delta R.T.: 0.024 min  
Response: 312862  
Conc: 0.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



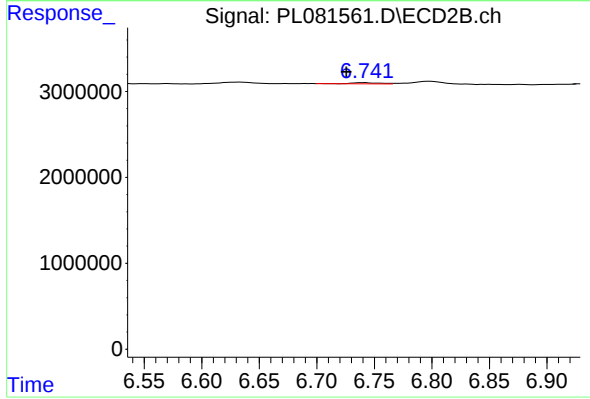
#20 Methoxychlor

R.T.: 6.529 min  
Delta R.T.: 0.029 min  
Response: 30759  
Conc: 0.03 ng/ml



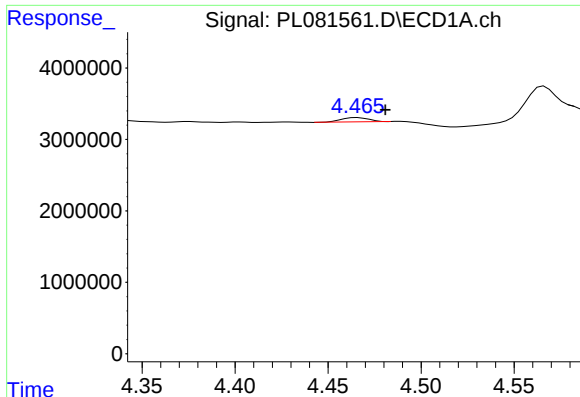
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.408 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

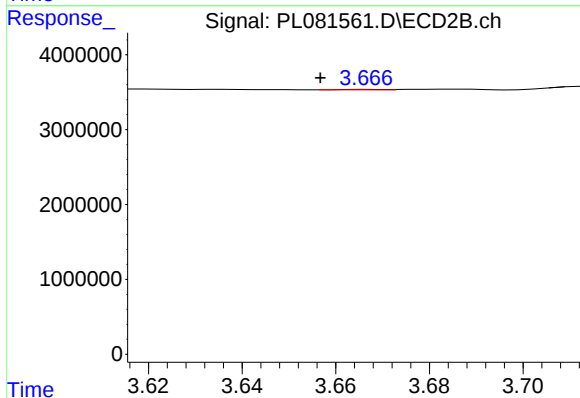
R.T.: 6.743 min  
Delta R.T.: 0.017 min  
Response: 219260  
Conc: 0.10 ng/ml



#23 Chlordane-1

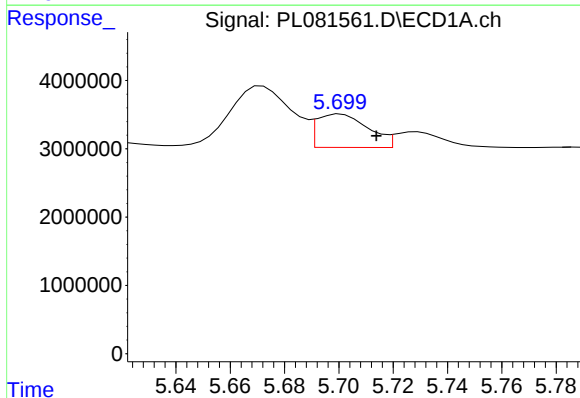
R.T.: 4.466 min  
Delta R.T.: -0.015 min  
Response: 623275  
Conc: 6.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



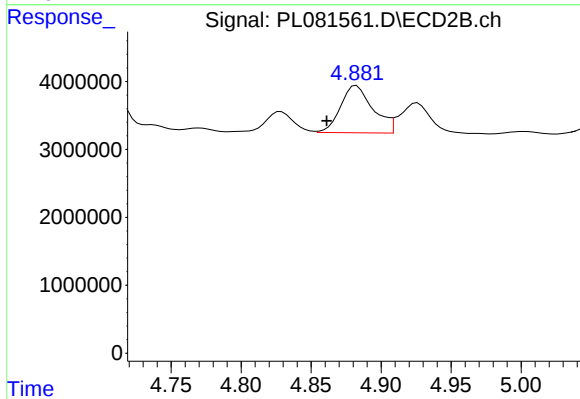
#23 Chlordane-1

R.T.: 3.668 min  
Delta R.T.: 0.011 min  
Response: 41986  
Conc: 0.51 ng/ml



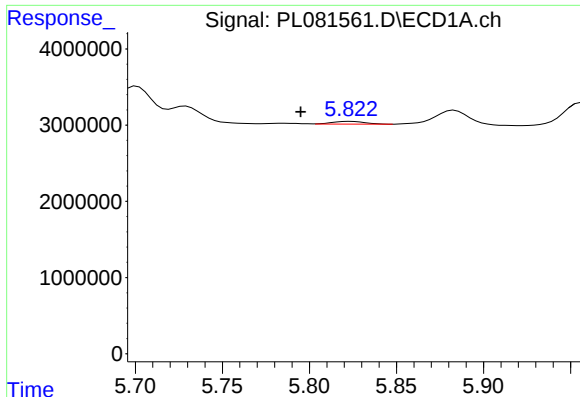
#25 Chlordane-3

R.T.: 5.701 min  
Delta R.T.: -0.013 min  
Response: 6442773  
Conc: 17.61 ng/ml



#25 Chlordane-3

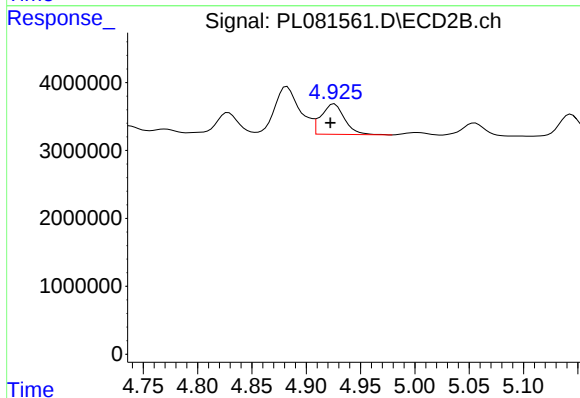
R.T.: 4.882 min  
Delta R.T.: 0.021 min  
Response: 11198385  
Conc: 41.44 ng/ml



#26 Chlordane-4

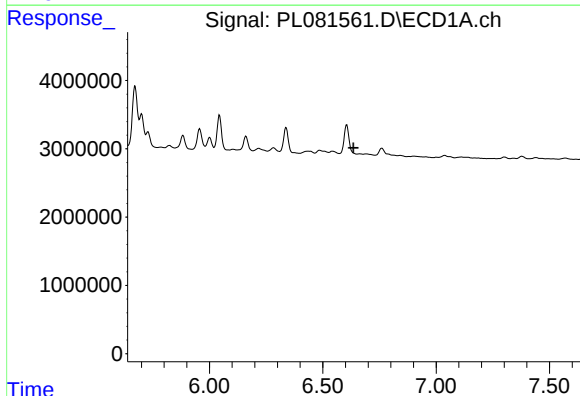
R.T.: 5.824 min  
Delta R.T.: 0.029 min  
Response: 467478  
Conc: 1.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



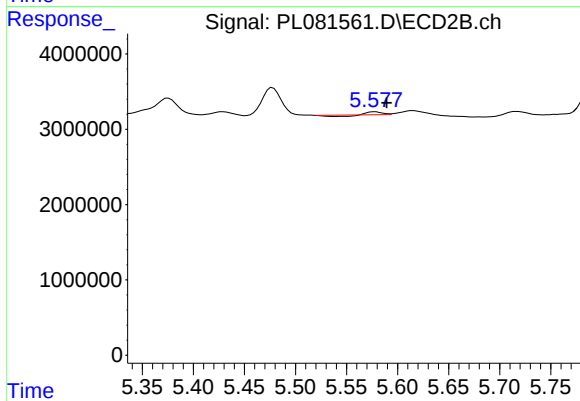
#26 Chlordane-4

R.T.: 4.926 min  
Delta R.T.: 0.004 min  
Response: 6709684  
Conc: 23.89 ng/ml



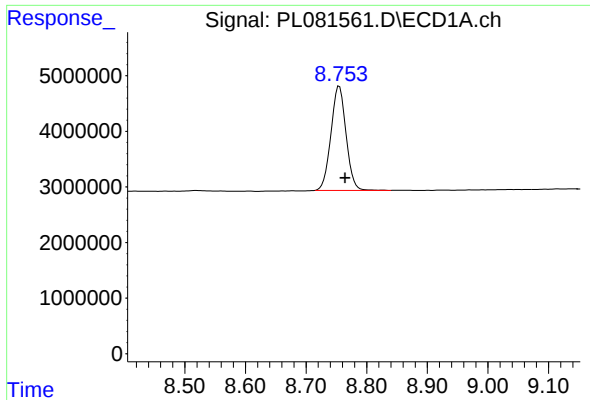
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.636 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

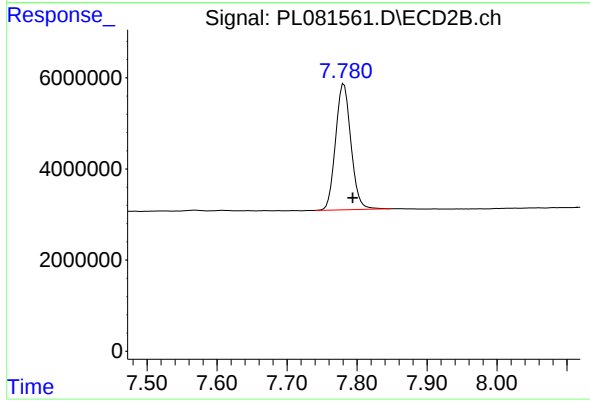
R.T.: 5.578 min  
Delta R.T.: -0.012 min  
Response: 157526  
Conc: 2.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.755 min  
Delta R.T.: -0.009 min  
Response: 32522224  
Conc: 21.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.781 min  
Delta R.T.: -0.012 min  
Response: 42220640  
Conc: 22.04 ng/ml