

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071823\  
 Data File : PL084000.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jul 2023 20:38  
 Operator : AR\AJ  
 Sample : 03638-21  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 17 22:22:31 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  | 39434093 | 20419895 | 19.718 | 18.387  |
| 2)                          | SA Decachlor... | 9.024  | 7.871  | 20975306 | 16700935 | 16.114 | 15.031  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.218f | 0        | 69786    | N.D.   | 0.043 # |
| 3)                          | MA gamma-BHC... | 4.240f | 3.526  | 859408   | 494056   | 0.304  | 0.325   |
| 4)                          | MA Heptachlor   | 4.834f | 3.837f | 1140347  | 206352   | 0.420  | 0.175 # |
| 5)                          | MB Aldrin       | 0.000  | 4.125f | 0        | 217190   | N.D.   | 0.144 # |
| 6)                          | B beta-BHC      | 4.487f | 3.837  | 2458543  | 206352   | 2.049  | 0.313 # |
| 7)                          | B delta-BHC     | 4.699  | 4.052  | 2528151  | -2579    | 0.948  | N.D. #  |
| 9)                          | A Endosulfan I  | 6.011  | 5.046f | 198320   | 1388061  | 0.084  | 1.132 # |
| 10)                         | B gamma-Chl...  | 5.866f | 4.896  | 264681   | 300585   | 0.103  | 0.226 # |
| 11)                         | B alpha-Chl...  | 5.973  | 4.969  | 648950   | 974347   | 0.255  | 0.723 # |
| 12)                         | B 4,4'-DDE      | 6.149  | 5.167  | 901712   | 625972   | 0.448  | 0.510   |
| 13)                         | MA Dieldrin     | 0.000  | 5.296  | 0        | 1132156  | N.D.   | 0.869 # |
| 14)                         | MA Endrin       | 0.000  | 5.584f | 0        | 181770   | N.D.   | 0.165 # |
| 15)                         | B Endosulfa...  | 6.732  | 5.842f | 422113   | 245355   | 0.225  | 0.213   |
| 16)                         | A 4,4'-DDD      | 6.670  | 5.740  | 1759319  | 269956   | 1.198  | 0.281 # |
| 17)                         | MA 4,4'-DDT     | 6.982  | 5.975  | 2690269  | 1151227  | 1.687  | 1.264 # |
| 18)                         | B Endrin al...  | 0.000  | 6.061f | 0        | 246527   | N.D.   | 0.274 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.574  | 0        | 1014249  | N.D.   | 2.116 # |
| 21)                         | B Endrin ke...  | 7.582  | 0.000  | 389653   | 0        | 0.222  | N.D. #  |
| 22)                         | Mirex           | 0.000  | 6.967  | 0        | 2580237  | N.D.   | 2.528 # |
| 23)                         | Chlordane-1     | 0.000  | 3.704  | 0        | 633191   | N.D.   | 1.604 # |
| 24)                         | Chlordane-2     | 0.000  | 4.286  | 0        | 36579    | N.D.   | 0.086 # |
| 25)                         | Chlordane-3     | 5.866f | 4.896  | 264681   | 300585   | 0.075  | 0.219 # |
| 26)                         | Chlordane-4     | 5.973  | 4.969  | 648950   | 974347   | 0.159  | 0.680 # |
| 27)                         | Chlordane-5     | 0.000  | 5.887f | 0        | 398020   | N.D.   | 0.867 # |
| -----                       |                 |        |        |          |          |        |         |

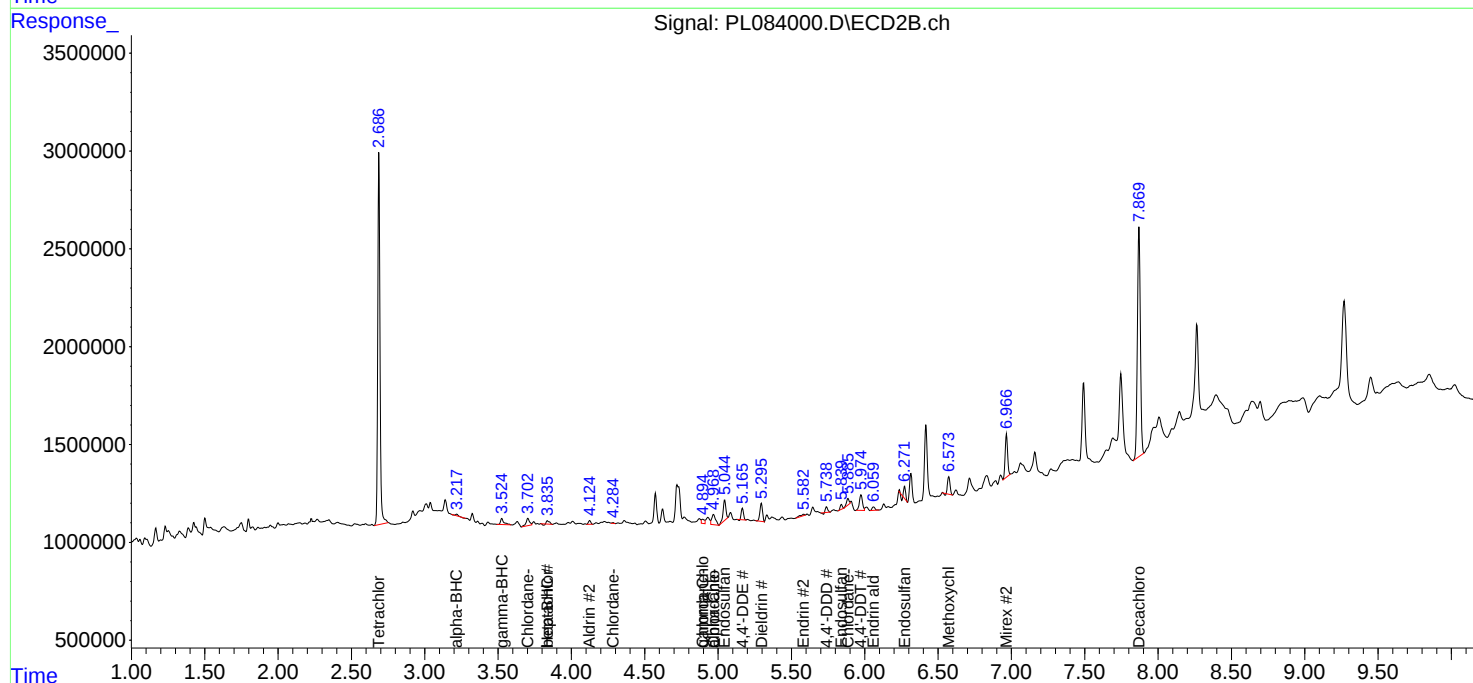
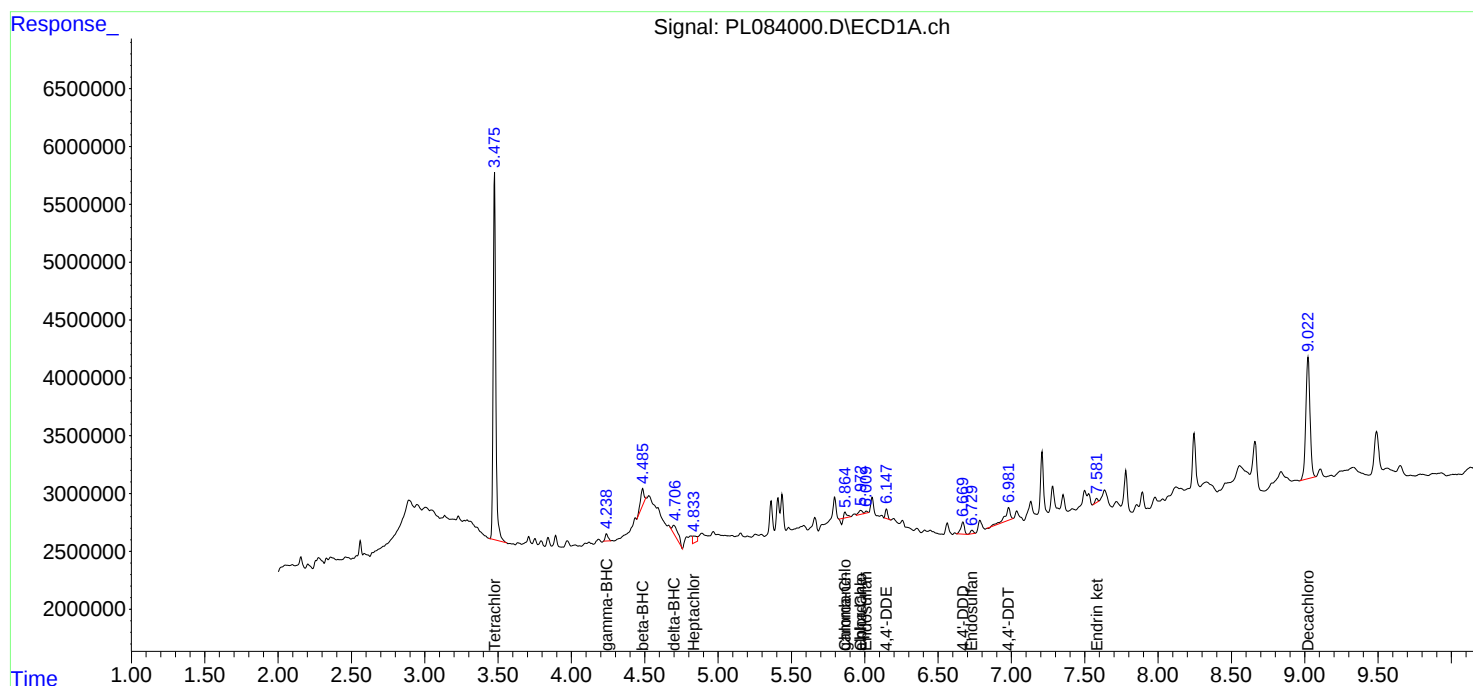
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

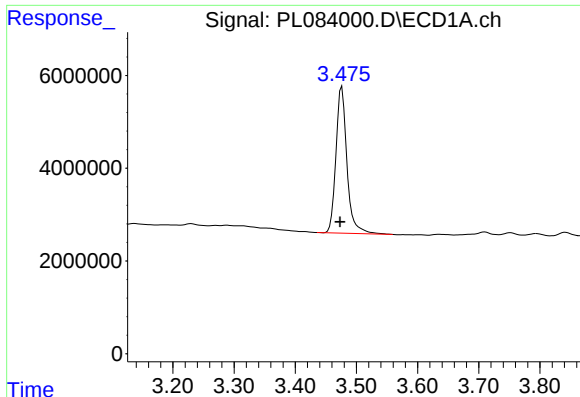
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071823\  
Data File : PL084000.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jul 2023 20:38  
Operator : AR\AJ  
Sample : 03638-21  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 17 22:22:31 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

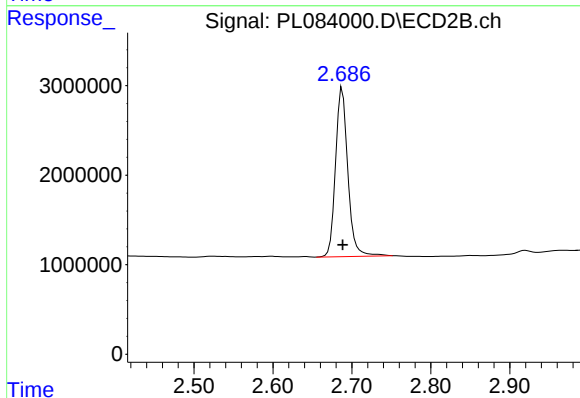




#1 Tetrachloro-m-xylene

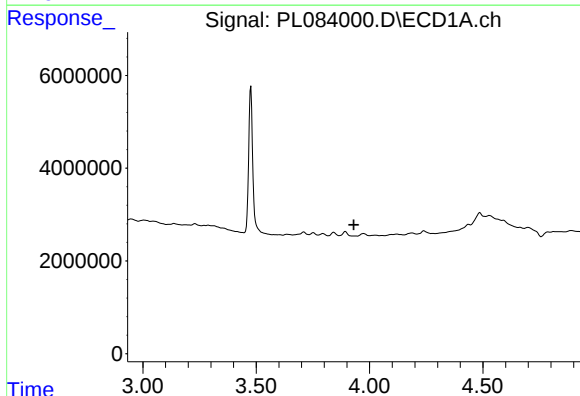
R.T.: 3.476 min  
Delta R.T.: 0.003 min  
Response: 39434093  
Conc: 19.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



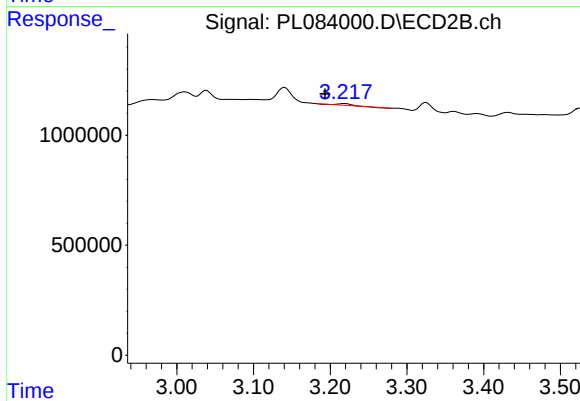
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: 0.000 min  
Response: 20419895  
Conc: 18.39 ng/ml



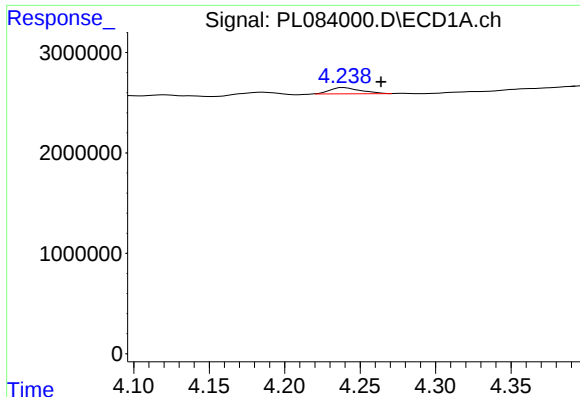
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.930 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

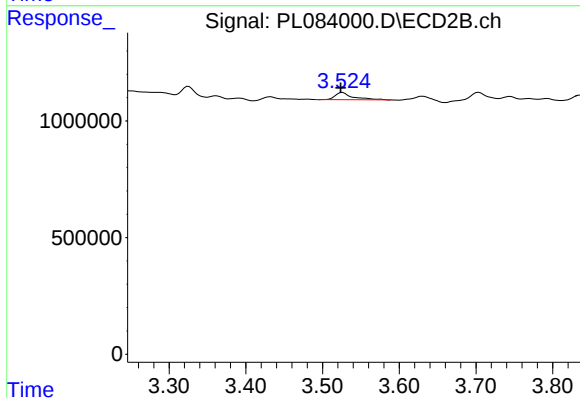
R.T.: 3.218 min  
Delta R.T.: 0.025 min  
Response: 69786  
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

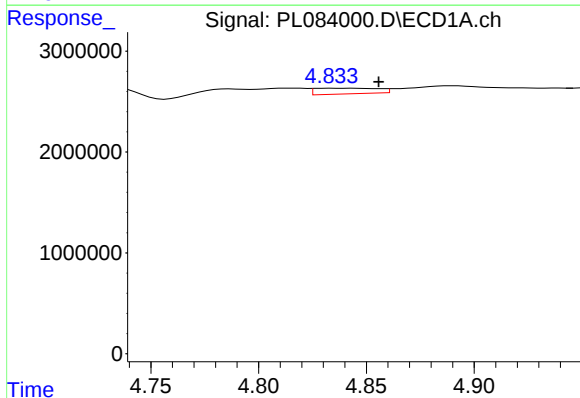
R.T.: 4.240 min  
Delta R.T.: -0.024 min  
Response: 859408  
Conc: 0.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



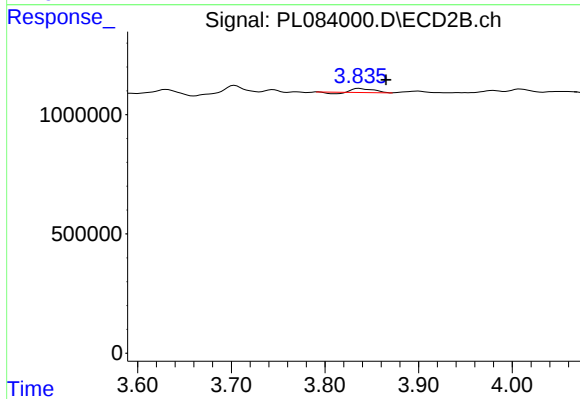
#3 gamma-BHC (Lindane)

R.T.: 3.526 min  
Delta R.T.: 0.002 min  
Response: 494056  
Conc: 0.32 ng/ml



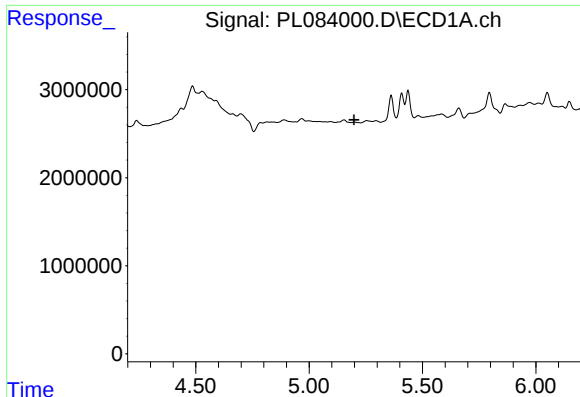
#4 Heptachlor

R.T.: 4.834 min  
Delta R.T.: -0.021 min  
Response: 1140347  
Conc: 0.42 ng/ml



#4 Heptachlor

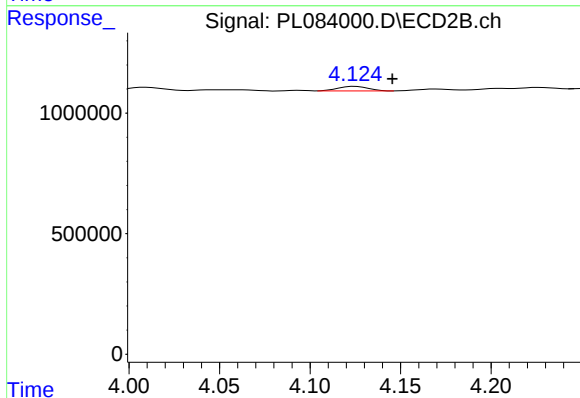
R.T.: 3.837 min  
Delta R.T.: -0.029 min  
Response: 206352  
Conc: 0.18 ng/ml



#5 Aldrin

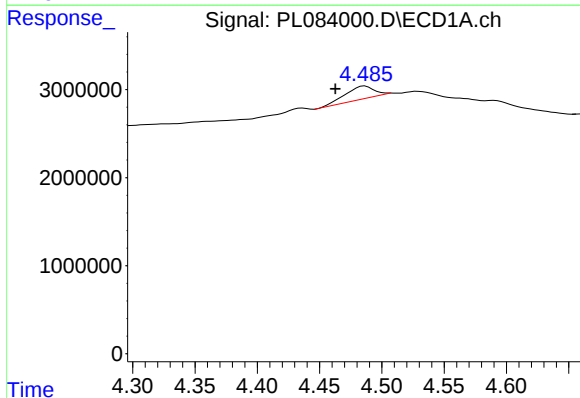
R.T.: 0.000 min  
Exp R.T.: 5.199 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



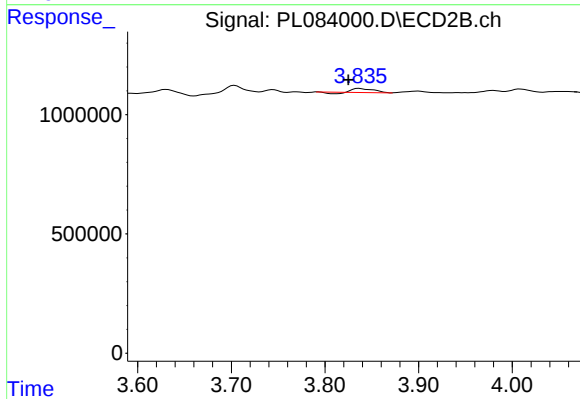
#5 Aldrin

R.T.: 4.125 min  
Delta R.T.: -0.020 min  
Response: 217190  
Conc: 0.14 ng/ml



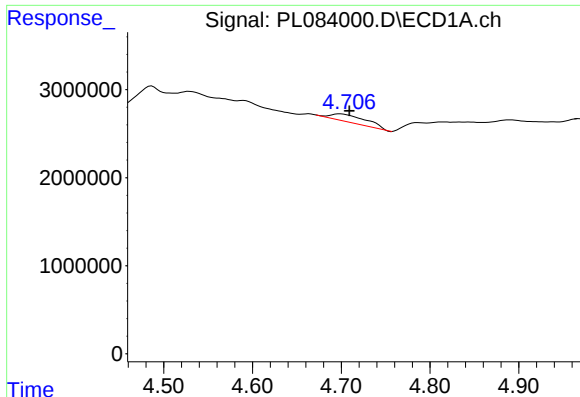
#6 beta-BHC

R.T.: 4.487 min  
Delta R.T.: 0.024 min  
Response: 2458543  
Conc: 2.05 ng/ml



#6 beta-BHC

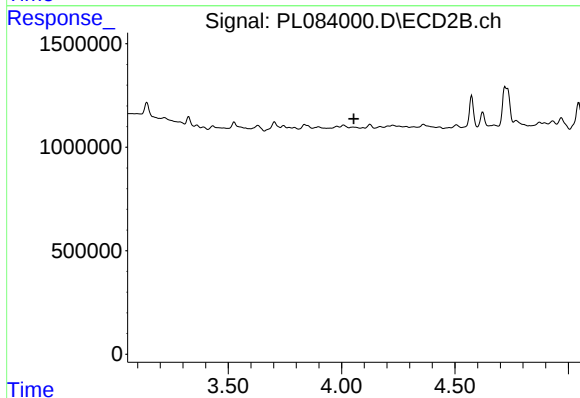
R.T.: 3.837 min  
Delta R.T.: 0.012 min  
Response: 206352  
Conc: 0.31 ng/ml



#7 delta-BHC

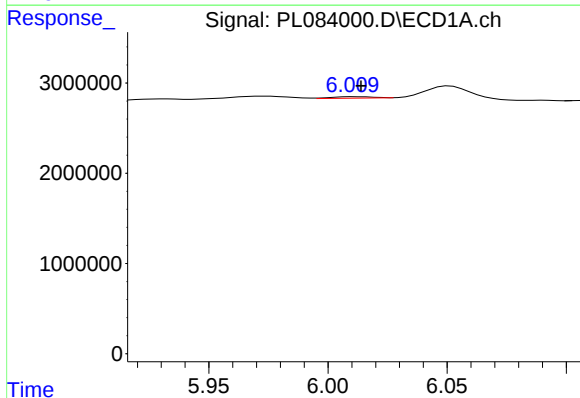
R.T.: 4.699 min  
Delta R.T.: -0.010 min  
Response: 2528151  
Conc: 0.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



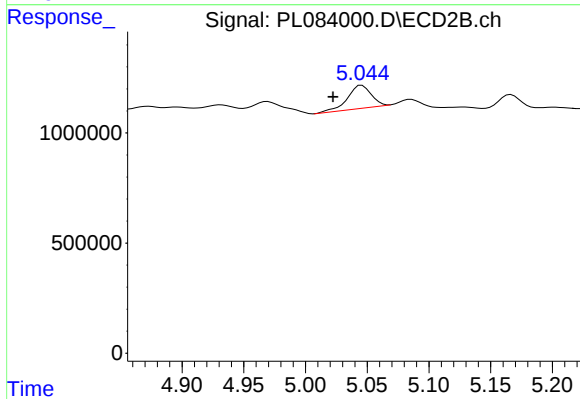
#7 delta-BHC

R.T.: 4.052 min  
Delta R.T.: -0.001 min  
Response: -2579  
Conc: N.D.



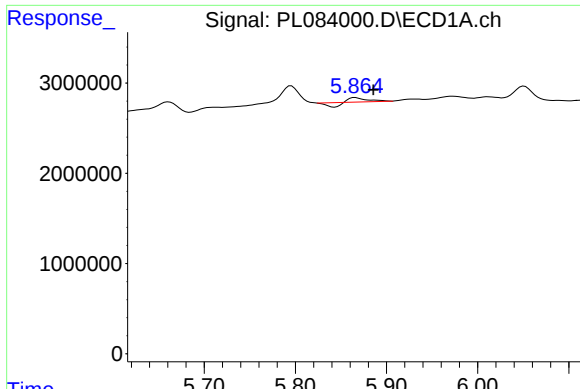
#9 Endosulfan I

R.T.: 6.011 min  
Delta R.T.: -0.003 min  
Response: 198320  
Conc: 0.08 ng/ml



#9 Endosulfan I

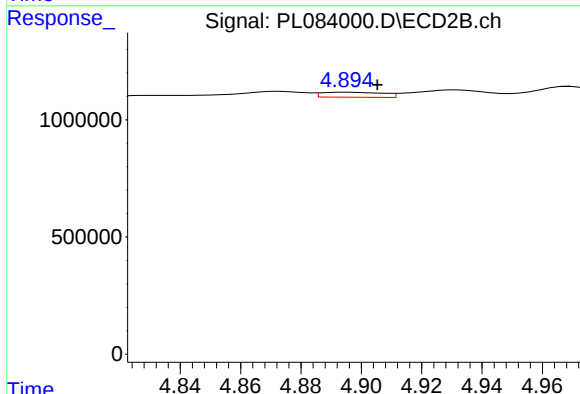
R.T.: 5.046 min  
Delta R.T.: 0.023 min  
Response: 1388061  
Conc: 1.13 ng/ml



#10 gamma-Chlordane

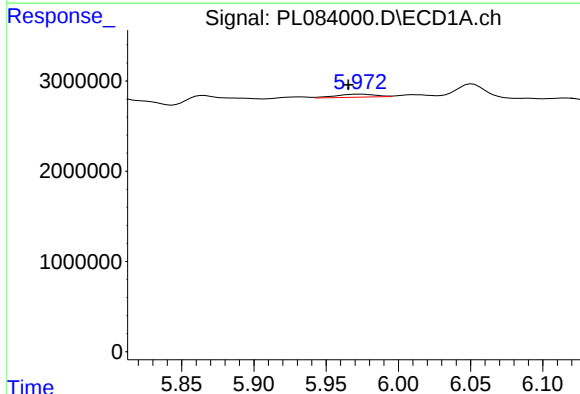
R.T.: 5.866 min  
Delta R.T.: -0.020 min  
Response: 264681  
Conc: 0.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



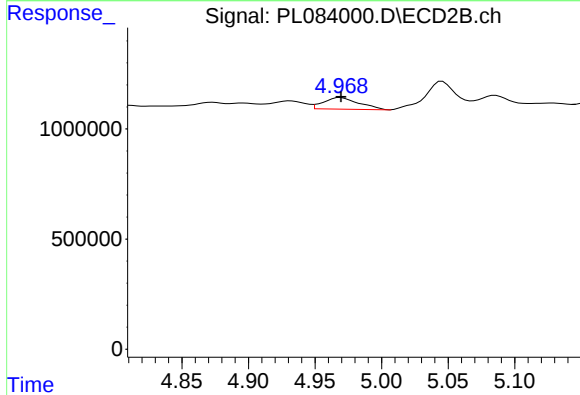
#10 gamma-Chlordane

R.T.: 4.896 min  
Delta R.T.: -0.010 min  
Response: 300585  
Conc: 0.23 ng/ml



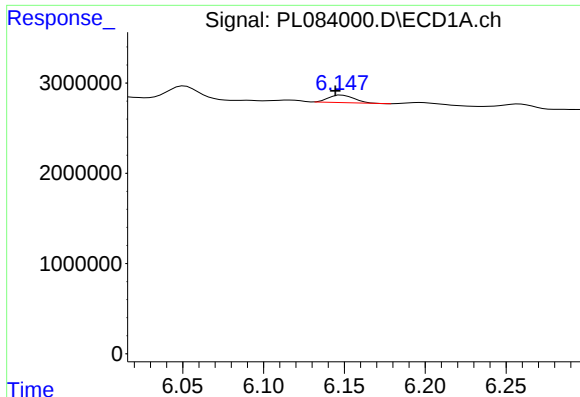
#11 alpha-Chlordane

R.T.: 5.973 min  
Delta R.T.: 0.008 min  
Response: 648950  
Conc: 0.26 ng/ml



#11 alpha-Chlordane

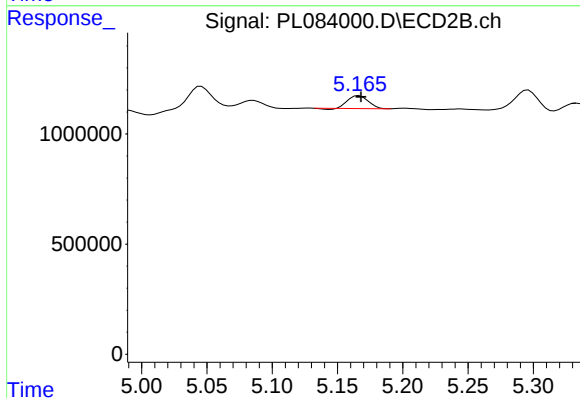
R.T.: 4.969 min  
Delta R.T.: 0.000 min  
Response: 974347  
Conc: 0.72 ng/ml



#12 4,4'-DDE

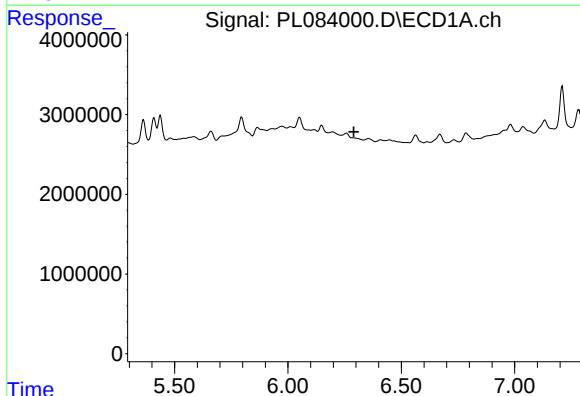
R.T.: 6.149 min  
Delta R.T.: 0.004 min  
Response: 901712  
Conc: 0.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



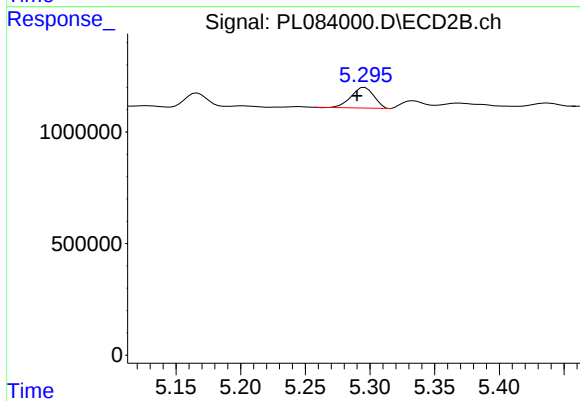
#12 4,4'-DDE

R.T.: 5.167 min  
Delta R.T.: -0.002 min  
Response: 625972  
Conc: 0.51 ng/ml



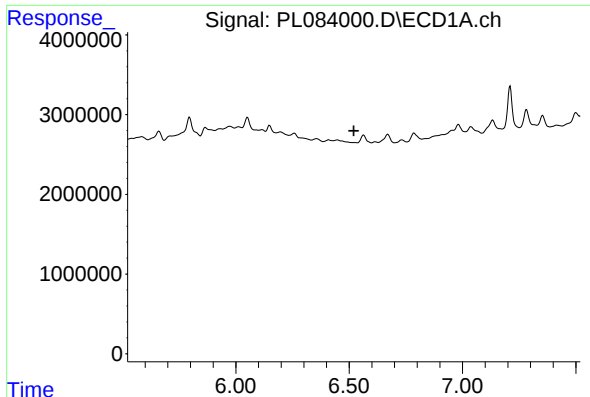
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.291 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

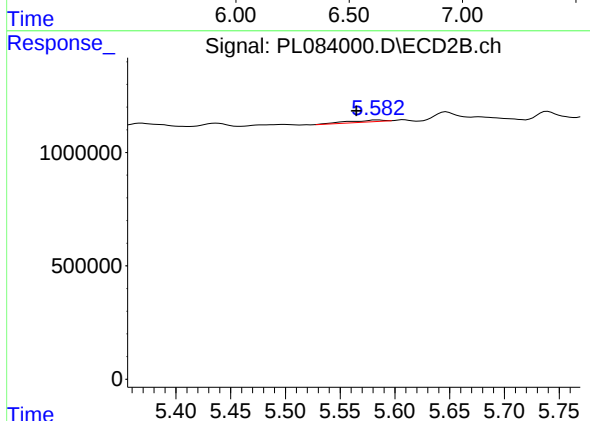
R.T.: 5.296 min  
Delta R.T.: 0.006 min  
Response: 1132156  
Conc: 0.87 ng/ml



#14 Endrin

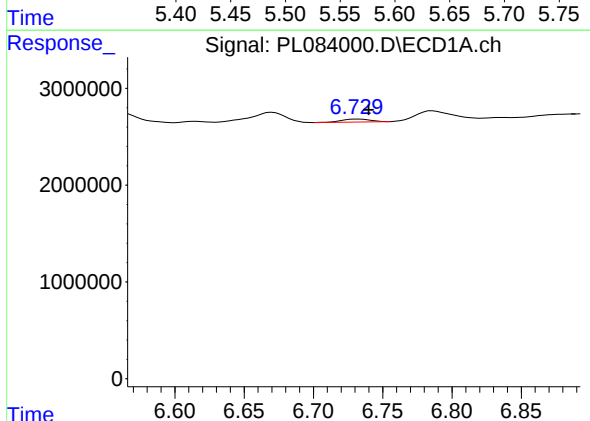
R.T.: 0.000 min  
Exp R.T.: 6.520 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



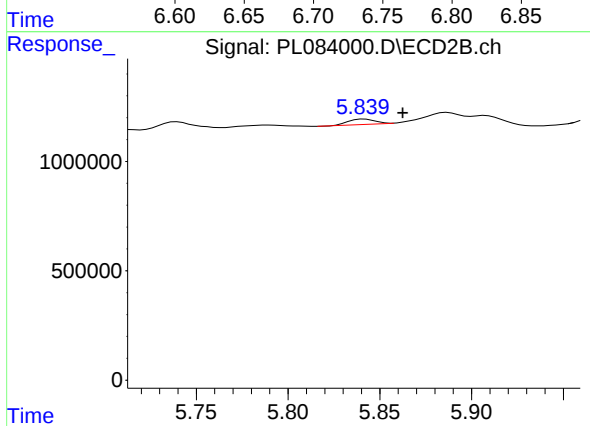
#14 Endrin

R.T.: 5.584 min  
Delta R.T.: 0.019 min  
Response: 181770  
Conc: 0.17 ng/ml



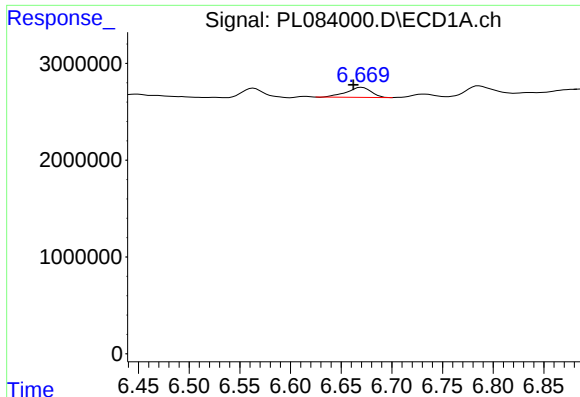
#15 Endosulfan II

R.T.: 6.732 min  
Delta R.T.: -0.008 min  
Response: 422113  
Conc: 0.23 ng/ml



#15 Endosulfan II

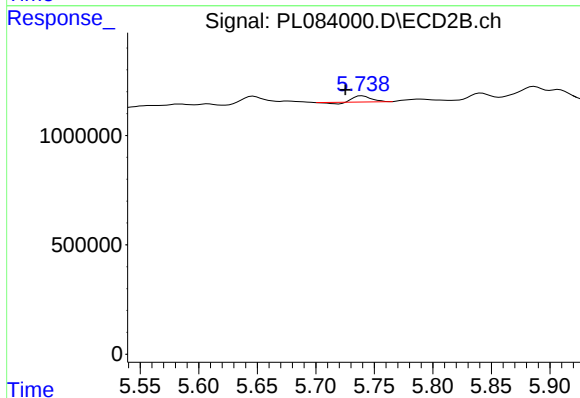
R.T.: 5.842 min  
Delta R.T.: -0.021 min  
Response: 245355  
Conc: 0.21 ng/ml



#16 4,4'-DDD

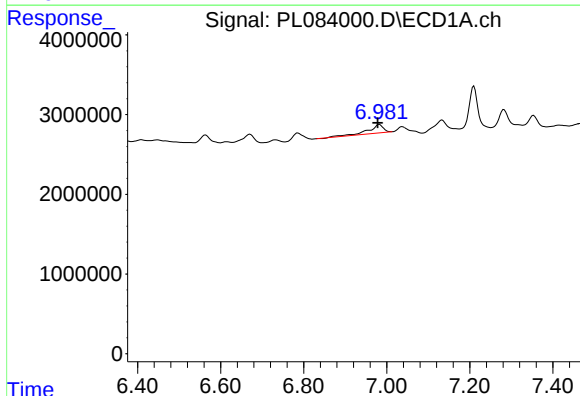
R.T.: 6.670 min  
Delta R.T.: 0.008 min  
Response: 1759319  
Conc: 1.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



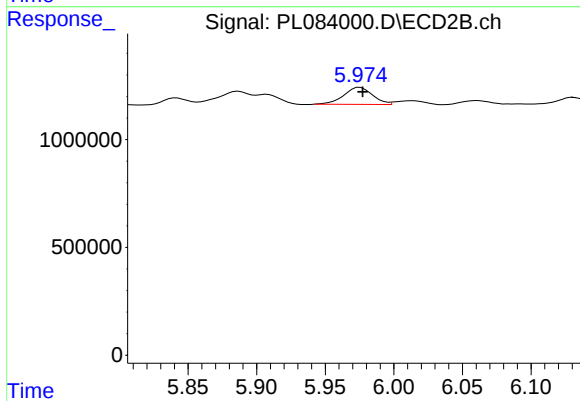
#16 4,4'-DDD

R.T.: 5.740 min  
Delta R.T.: 0.014 min  
Response: 269956  
Conc: 0.28 ng/ml



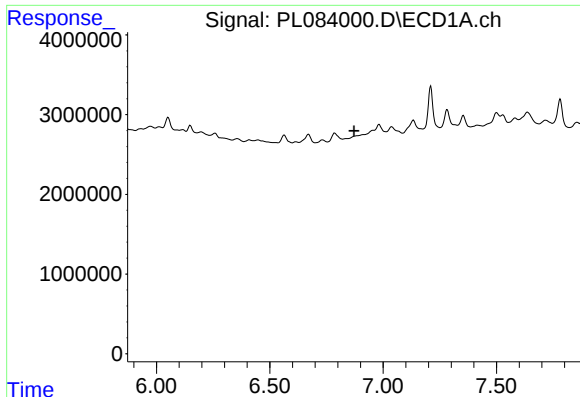
#17 4,4'-DDT

R.T.: 6.982 min  
Delta R.T.: 0.004 min  
Response: 2690269  
Conc: 1.69 ng/ml



#17 4,4'-DDT

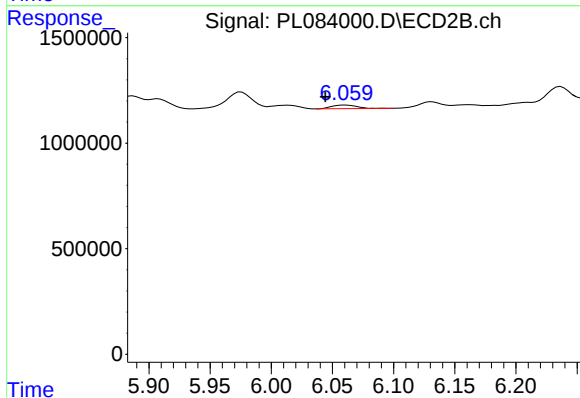
R.T.: 5.975 min  
Delta R.T.: -0.002 min  
Response: 1151227  
Conc: 1.26 ng/ml



#18 Endrin aldehyde

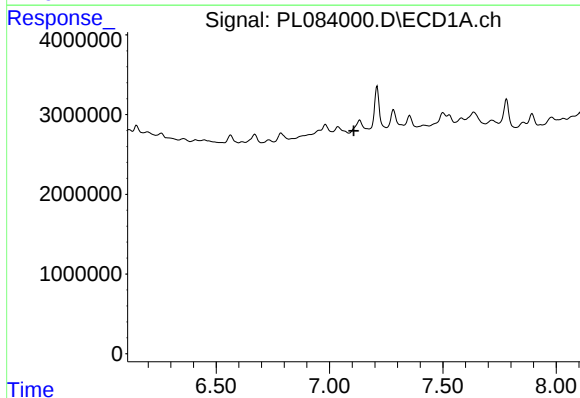
R.T.: 0.000 min  
Exp R.T.: 6.872 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



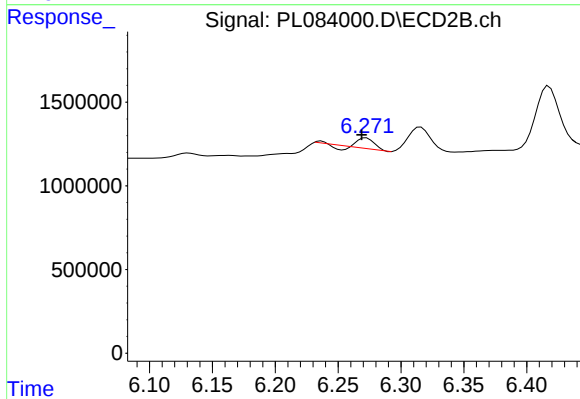
#18 Endrin aldehyde

R.T.: 6.061 min  
Delta R.T.: 0.017 min  
Response: 246527  
Conc: 0.27 ng/ml



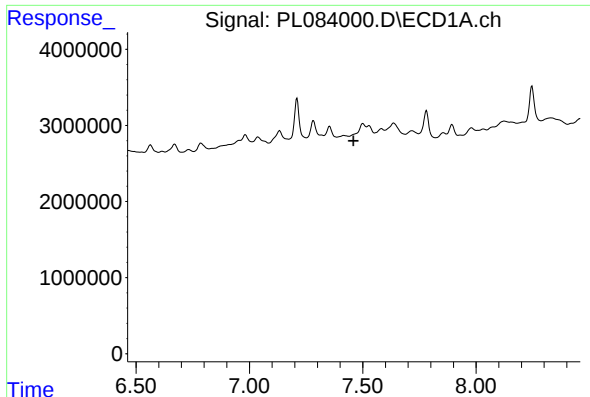
#19 Endosulfan Sulfate

R.T.: 7.133 min  
Delta R.T.: 0.026 min  
Response: -786428  
Conc: N.D.



#19 Endosulfan Sulfate

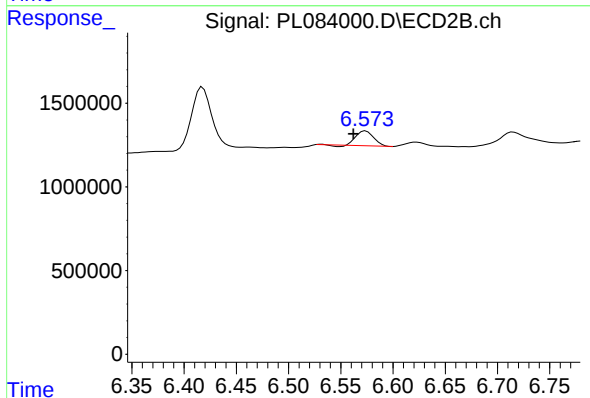
R.T.: 6.272 min  
Delta R.T.: 0.004 min  
Response: 455152  
Conc: 0.41 ng/ml



#20 Methoxychlor

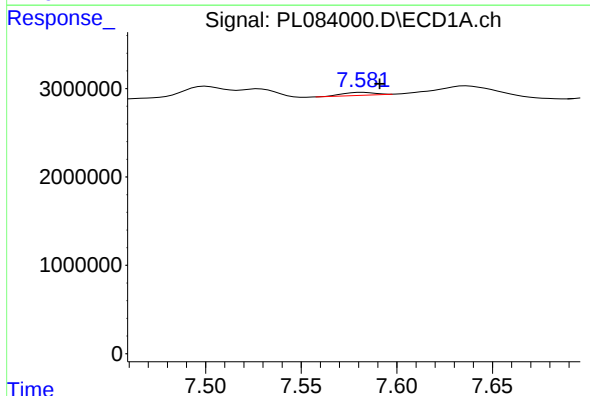
R.T.: 0.000 min  
Exp R.T.: 7.459 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



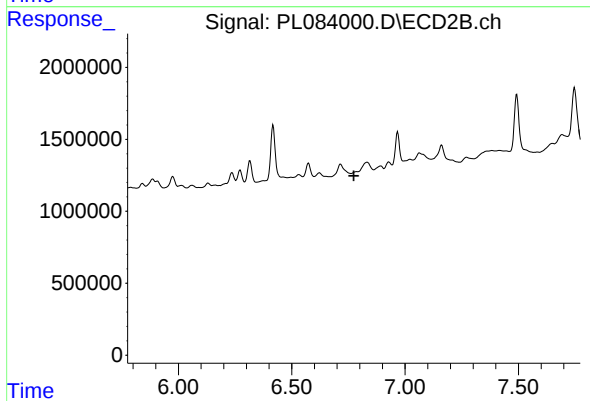
#20 Methoxychlor

R.T.: 6.574 min  
Delta R.T.: 0.012 min  
Response: 1014249  
Conc: 2.12 ng/ml



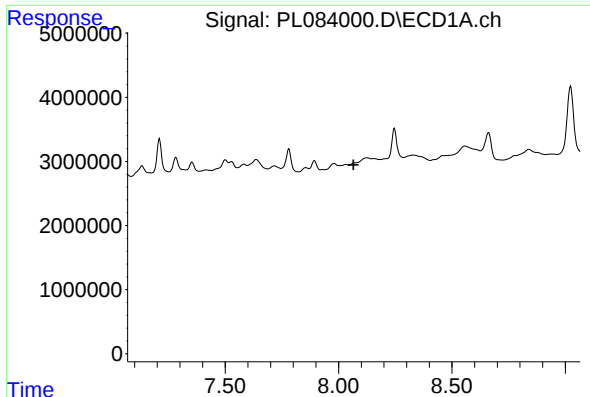
#21 Endrin ketone

R.T.: 7.582 min  
Delta R.T.: -0.009 min  
Response: 389653  
Conc: 0.22 ng/ml



#21 Endrin ketone

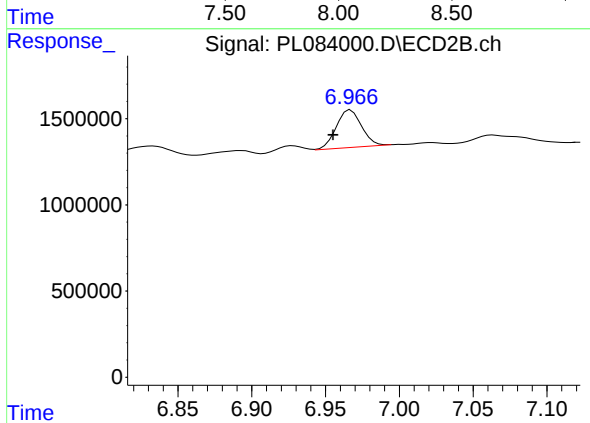
R.T.: 0.000 min  
Exp R.T.: 6.773 min  
Response: 0  
Conc: N.D.



#22 Mirex

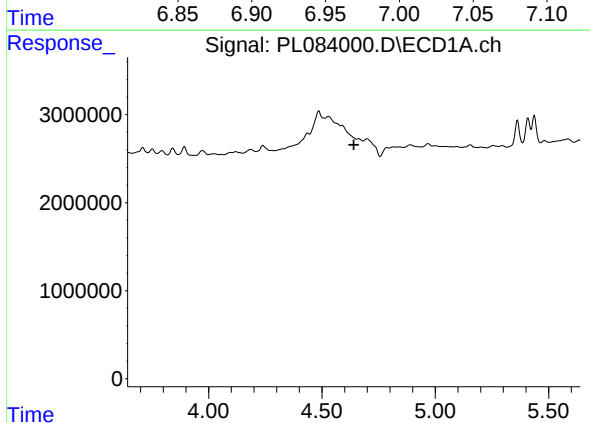
R.T.: 0.000 min  
Exp R.T.: 8.066 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



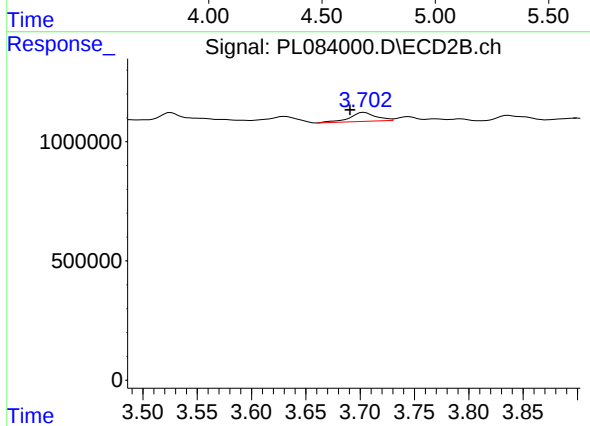
#22 Mirex

R.T.: 6.967 min  
Delta R.T.: 0.012 min  
Response: 2580237  
Conc: 2.53 ng/ml



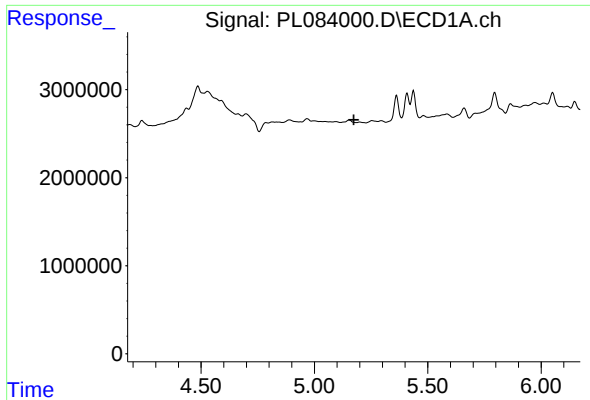
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.641 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

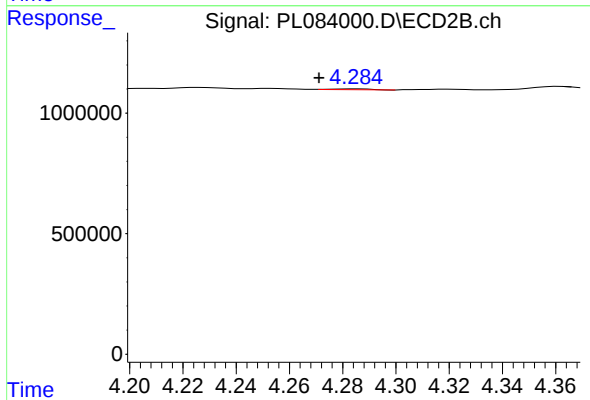
R.T.: 3.704 min  
Delta R.T.: 0.013 min  
Response: 633191  
Conc: 1.60 ng/ml



#24 Chlordane-2

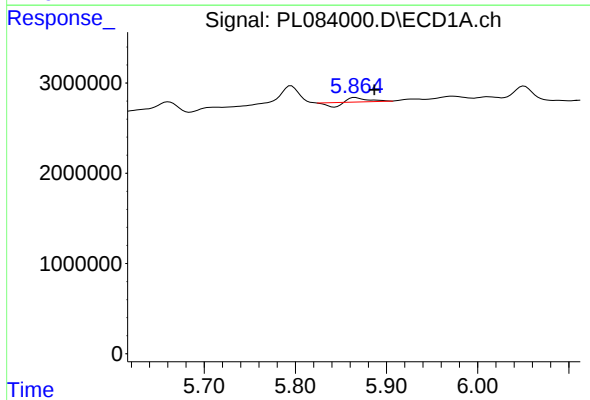
R.T.: 0.000 min  
Exp R.T.: 5.174 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



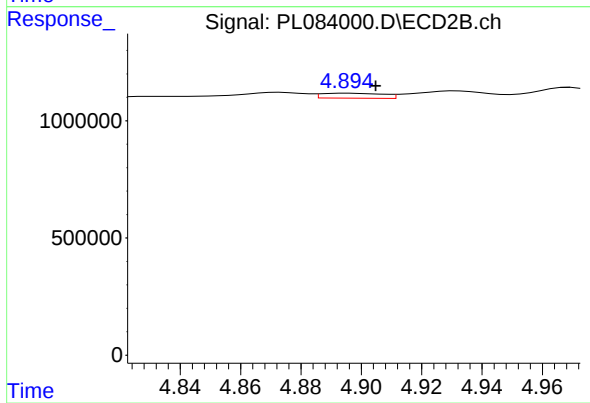
#24 Chlordane-2

R.T.: 4.286 min  
Delta R.T.: 0.014 min  
Response: 36579  
Conc: 0.09 ng/ml



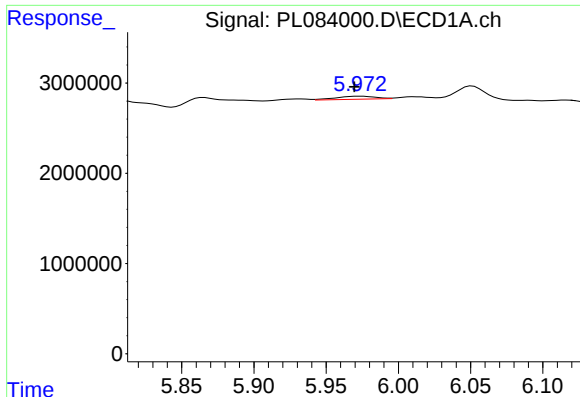
#25 Chlordane-3

R.T.: 5.866 min  
Delta R.T.: -0.021 min  
Response: 264681  
Conc: 0.08 ng/ml



#25 Chlordane-3

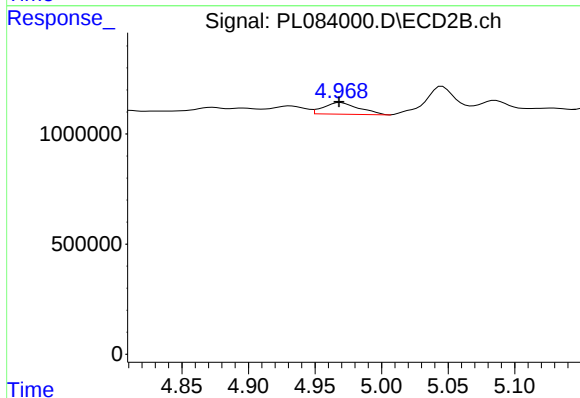
R.T.: 4.896 min  
Delta R.T.: -0.009 min  
Response: 300585  
Conc: 0.22 ng/ml



#26 Chlordane-4

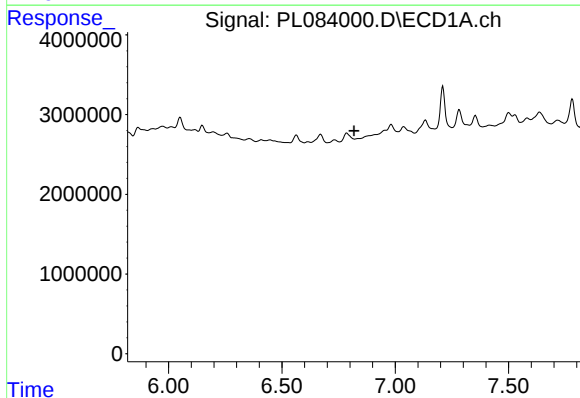
R.T.: 5.973 min  
Delta R.T.: 0.004 min  
Response: 648950  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



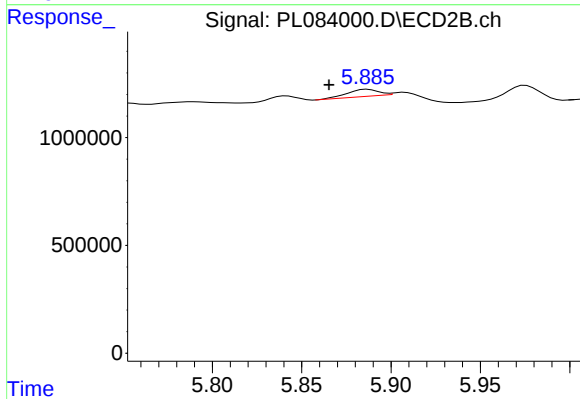
#26 Chlordane-4

R.T.: 4.969 min  
Delta R.T.: 0.001 min  
Response: 974347  
Conc: 0.68 ng/ml



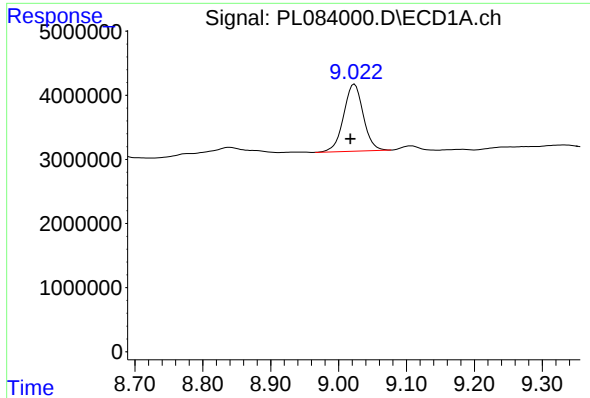
#27 Chlordane-5

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



#27 Chlordane-5

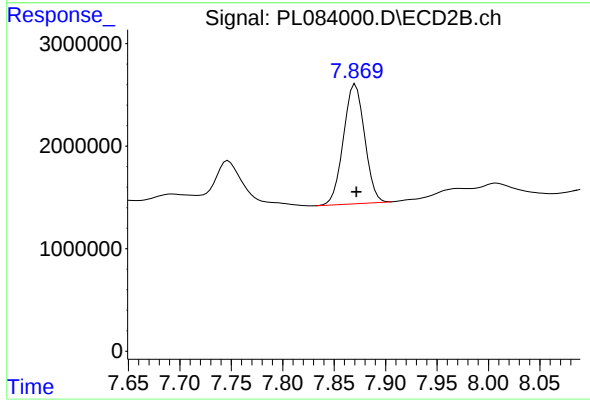
R.T.: 5.887 min  
Delta R.T.: 0.021 min  
Response: 398020  
Conc: 0.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min  
Delta R.T.: 0.006 min  
Response: 20975306  
Conc: 16.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.871 min  
Delta R.T.: 0.000 min  
Response: 16700935  
Conc: 15.03 ng/ml