

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071823\  
 Data File : PL084006.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jul 2023 22:02  
 Operator : AR\AJ  
 Sample : 03640-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 18 03:45:57 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  | 2.689  | 39546756 | 20904355 | 19.775 | 18.823  |
| 28)                         | SA Decachlor... | 9.021  | 7.870  | 22651511 | 17469138 | 17.402 | 15.722  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.220f | 0        | 73325    | N.D.   | 0.046 # |
| 3)                          | MA gamma-BHC... | 4.237f | 3.526  | 1761912  | 1357327  | 0.624  | 0.893 # |
| 4)                          | MA Heptachlor   | 4.882f | 3.850f | 4435033  | 82227    | 1.632  | 0.070 # |
| 5)                          | MB Aldrin       | 0.000  | 4.127f | 0        | 635395   | N.D.   | 0.421 # |
| 6)                          | B beta-BHC      | 4.486f | 3.850f | 1514867  | 82227    | 1.263  | 0.125 # |
| 7)                          | B delta-BHC     | 4.711  | 4.047  | 2574193  | 64652    | 0.966  | 0.043 # |
| 8)                          | B Heptachlo...  | 5.633  | 4.654  | 958843   | -298716  | 0.359  | N.D. #  |
| 9)                          | A Endosulfan I  | 6.012  | 5.051f | 454063   | 7716874  | 0.192  | 6.292 # |
| 10)                         | B gamma-Chl...  | 5.866f | 4.895  | -223040  | 504069   | N.D.   | 0.378   |
| 11)                         | B alpha-Chl...  | 5.974  | 4.970  | 1301450  | 1621698  | 0.512  | 1.204 # |
| 12)                         | B 4,4'-DDE      | 6.146  | 5.167  | 6795394  | 4015995  | 3.377  | 3.269   |
| 14)                         | MA Endrin       | 0.000  | 5.582f | 0        | 659527   | N.D.   | 0.600 # |
| 15)                         | B Endosulfa...  | 0.000  | 5.844f | 0        | 101477   | N.D.   | 0.088 # |
| 16)                         | A 4,4'-DDD      | 6.669  | 5.740  | 2115125  | 489697   | 1.440  | 0.510 # |
| 17)                         | MA 4,4'-DDT     | 6.981  | 5.976  | 5676573  | 3715236  | 3.559  | 4.079   |
| 18)                         | B Endrin al...  | 0.000  | 6.058  | 0        | 3032914  | N.D.   | 3.374 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.273  | 0        | 574216   | N.D.   | 0.522 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.573  | 0        | 2514708  | N.D.   | 5.247 # |
| 21)                         | B Endrin ke...  | 7.587  | 0.000  | 1170707  | 0        | 0.668  | N.D. #  |
| 22)                         | Mirex           | 8.070  | 6.966  | 197663   | 1853593  | 0.138  | 1.816 # |
| 23)                         | Chlordane-1     | 0.000  | 3.700  | 0        | 2659832  | N.D.   | 6.740 # |
| 24)                         | Chlordane-2     | 5.153f | 0.000  | 294406   | 0        | 0.368  | N.D. #  |
| 25)                         | Chlordane-3     | 5.866f | 4.895  | -223040  | 504069   | N.D.   | 0.368   |
| 26)                         | Chlordane-4     | 5.974  | 4.970  | 1301450  | 1621698  | 0.319  | 1.132 # |
| 27)                         | Chlordane-5     | 0.000  | 5.886f | 0        | 462071   | N.D.   | 1.007 # |
| -----                       |                 |        |        |          |          |        |         |

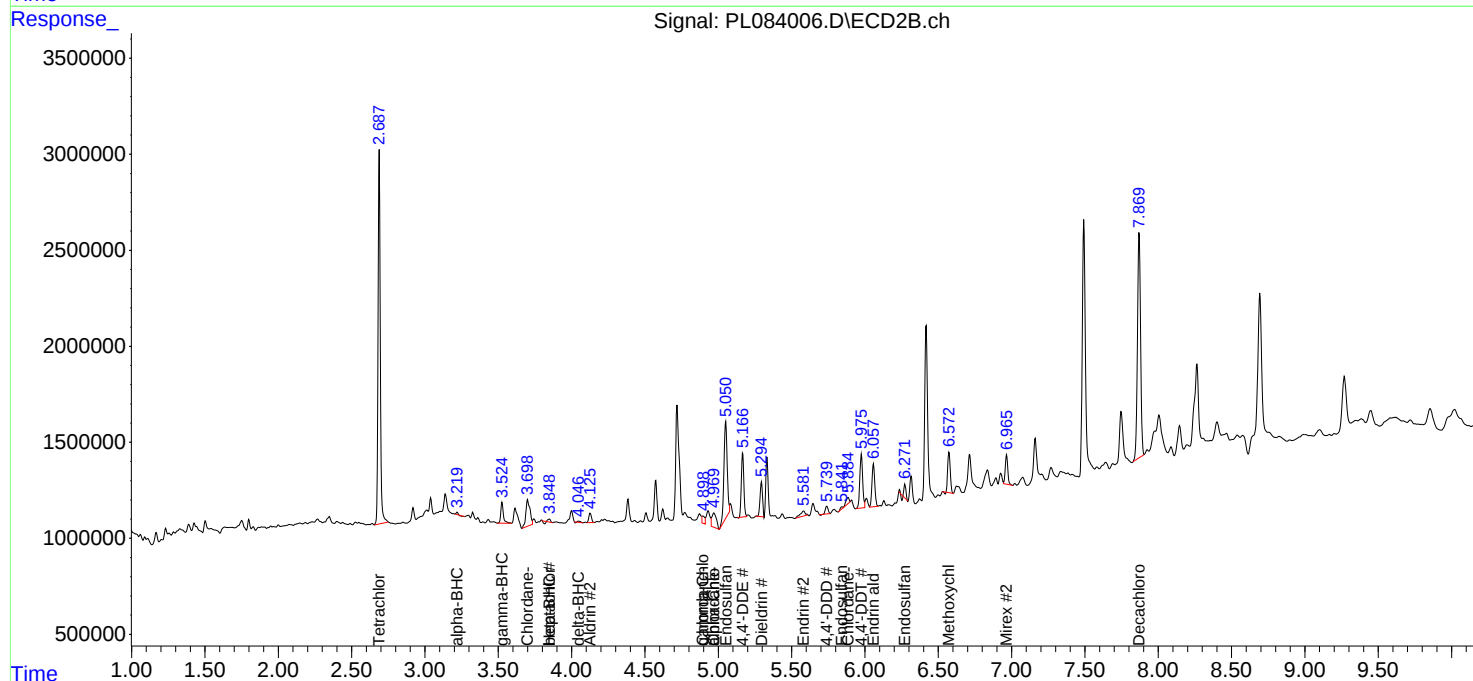
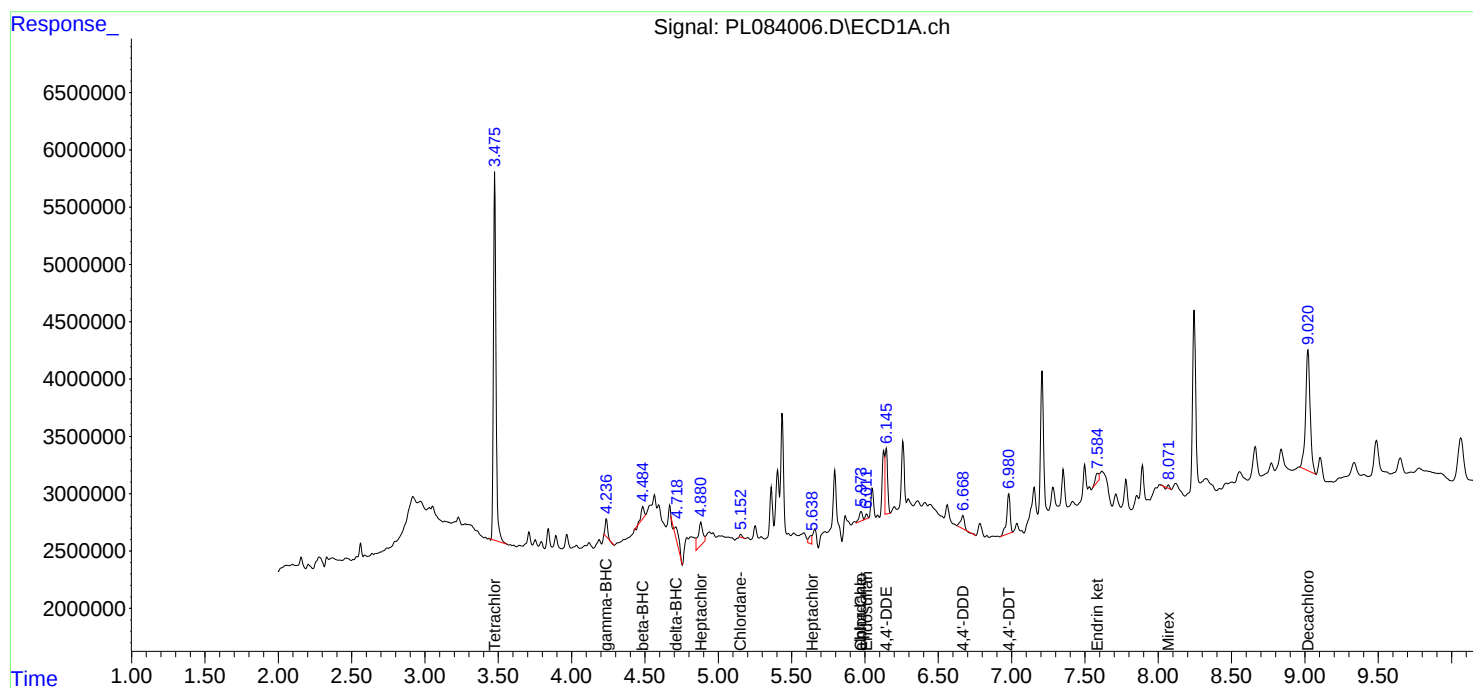
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

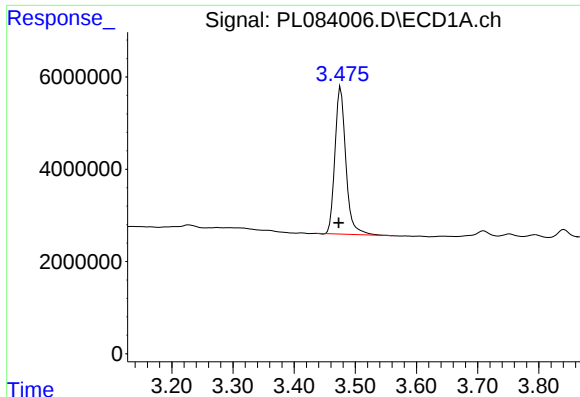
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071823\  
Data File : PL084006.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jul 2023 22:02  
Operator : AR\AJ  
Sample : 03640-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 18 03:45:57 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

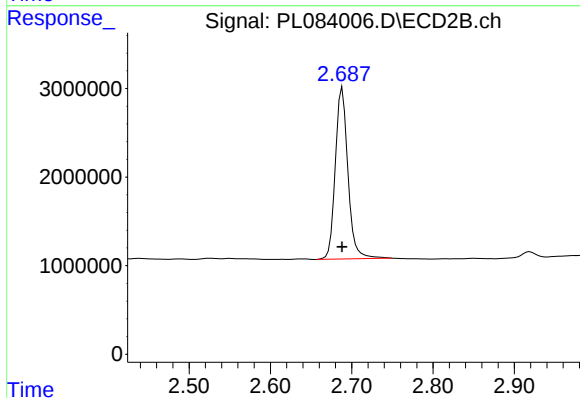




#1 Tetrachloro-m-xylene

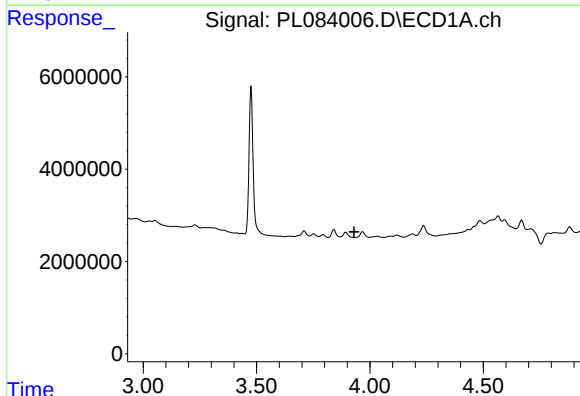
R.T.: 3.476 min  
Delta R.T.: 0.003 min  
Response: 39546756  
Conc: 19.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



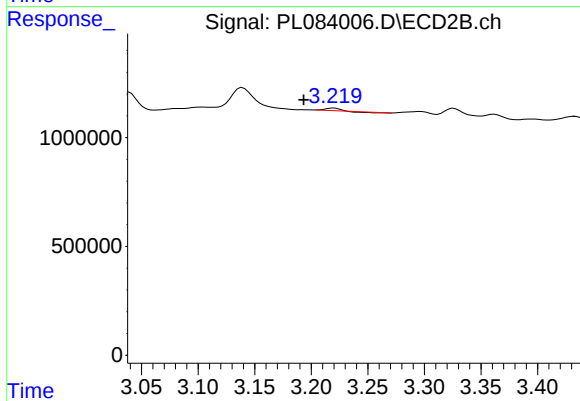
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.000 min  
Response: 20904355  
Conc: 18.82 ng/ml



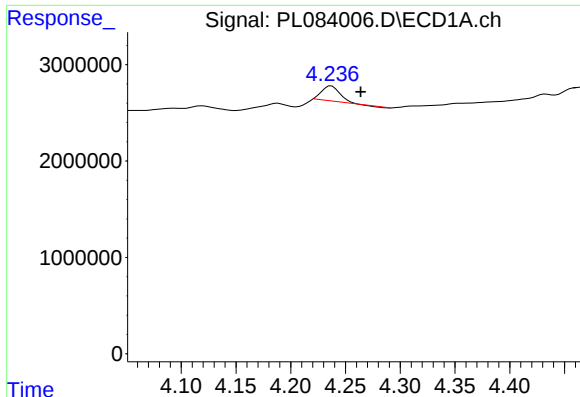
#2 alpha-BHC

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



#2 alpha-BHC

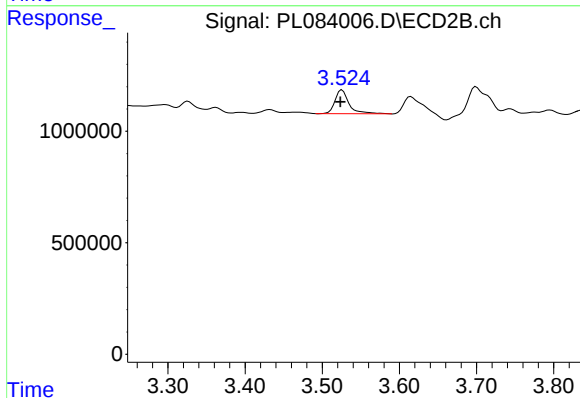
R.T.: 3.220 min  
Delta R.T.: 0.027 min  
Response: 73325  
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

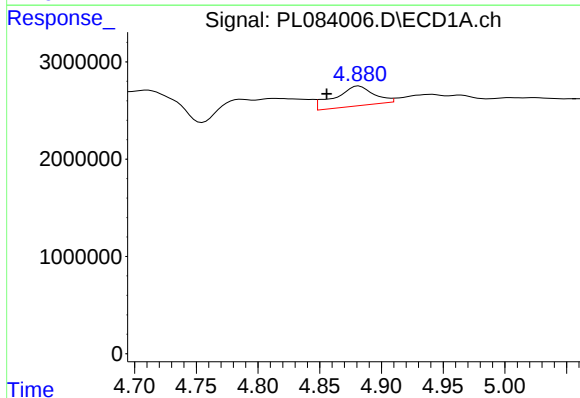
R.T.: 4.237 min  
Delta R.T.: -0.027 min  
Response: 1761912  
Conc: 0.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



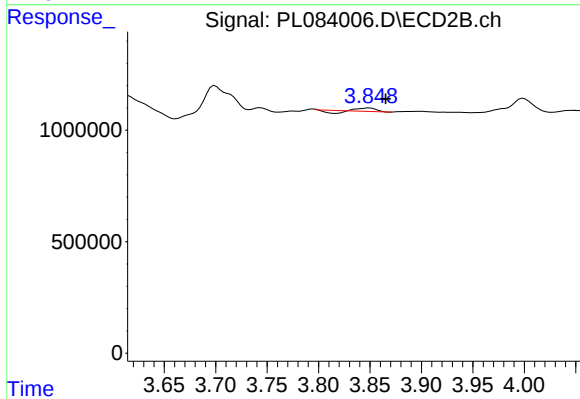
#3 gamma-BHC (Lindane)

R.T.: 3.526 min  
Delta R.T.: 0.002 min  
Response: 1357327  
Conc: 0.89 ng/ml



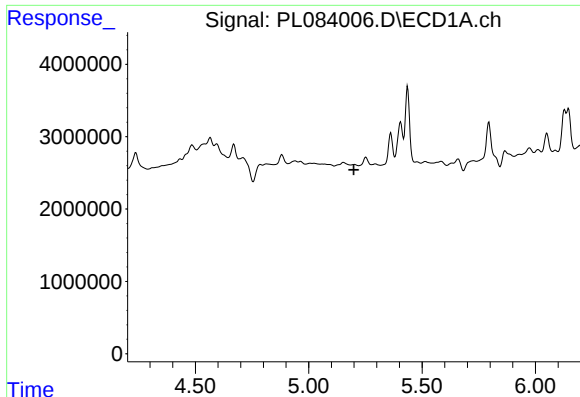
#4 Heptachlor

R.T.: 4.882 min  
Delta R.T.: 0.026 min  
Response: 4435033  
Conc: 1.63 ng/ml



#4 Heptachlor

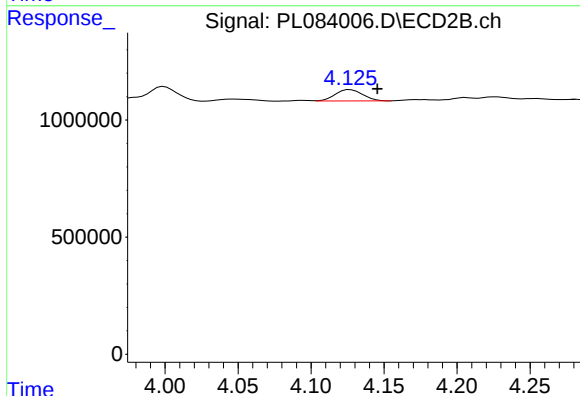
R.T.: 3.850 min  
Delta R.T.: -0.016 min  
Response: 82227  
Conc: 0.07 ng/ml



#5 Aldrin

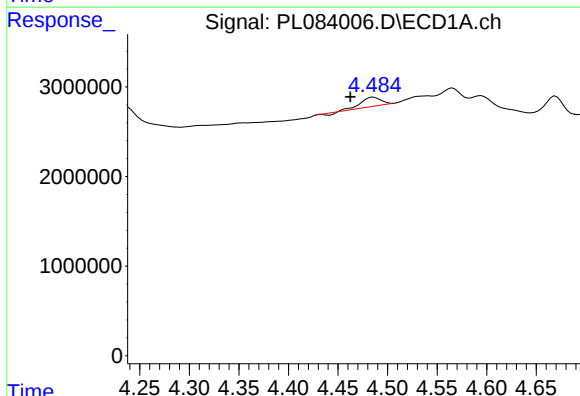
R.T.: 0.000 min  
Exp R.T.: 5.199 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



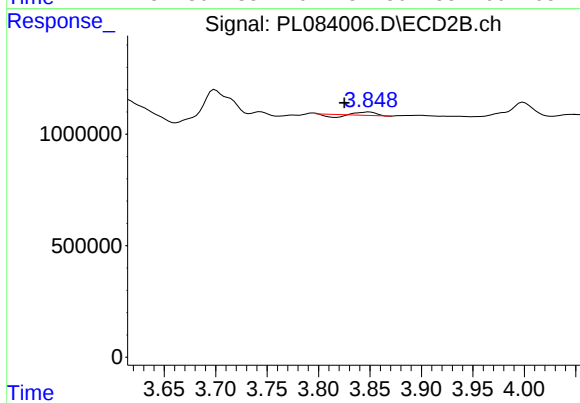
#5 Aldrin

R.T.: 4.127 min  
Delta R.T.: -0.019 min  
Response: 635395  
Conc: 0.42 ng/ml



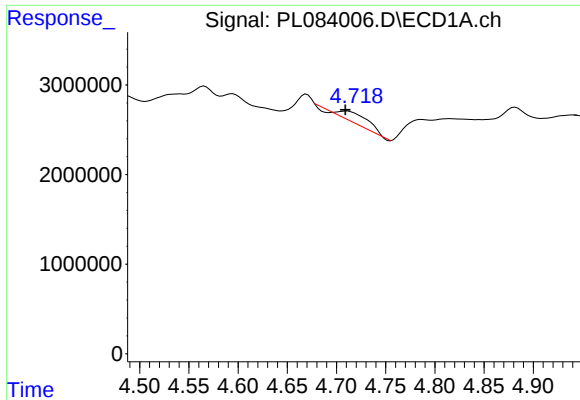
#6 beta-BHC

R.T.: 4.486 min  
Delta R.T.: 0.023 min  
Response: 1514867  
Conc: 1.26 ng/ml



#6 beta-BHC

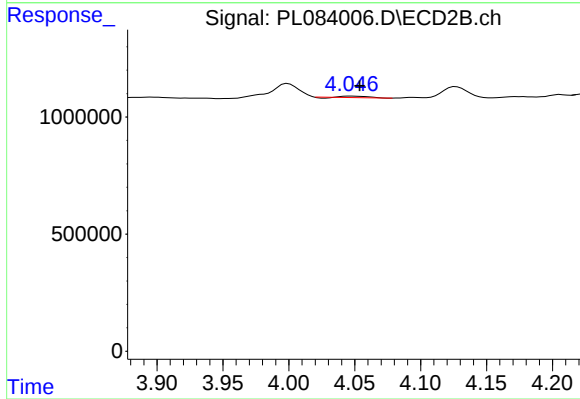
R.T.: 3.850 min  
Delta R.T.: 0.025 min  
Response: 82227  
Conc: 0.12 ng/ml



#7 delta-BHC

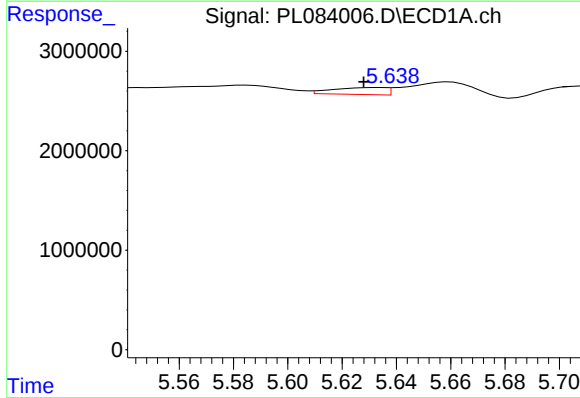
R.T.: 4.711 min  
Delta R.T.: 0.001 min  
Response: 2574193  
Conc: 0.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



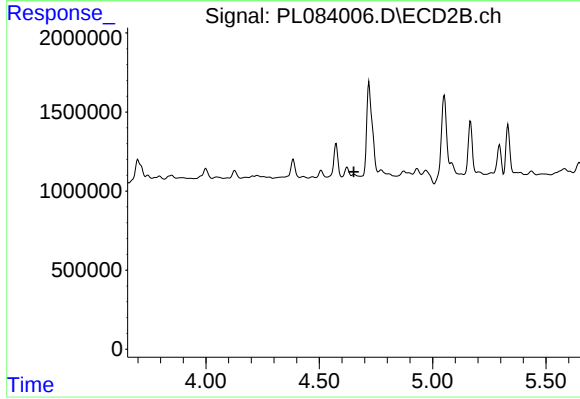
#7 delta-BHC

R.T.: 4.047 min  
Delta R.T.: -0.007 min  
Response: 64652  
Conc: 0.04 ng/ml



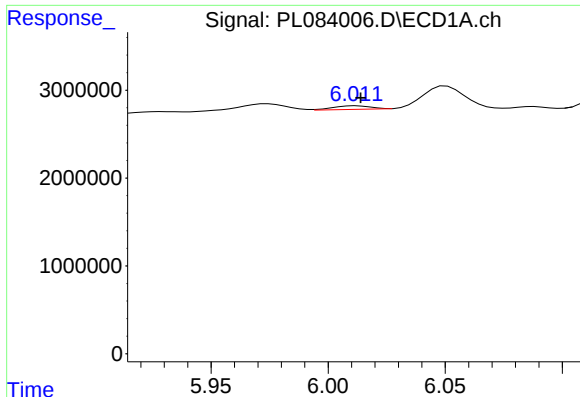
#8 Heptachlor epoxide

R.T.: 5.633 min  
Delta R.T.: 0.005 min  
Response: 958843  
Conc: 0.36 ng/ml



#8 Heptachlor epoxide

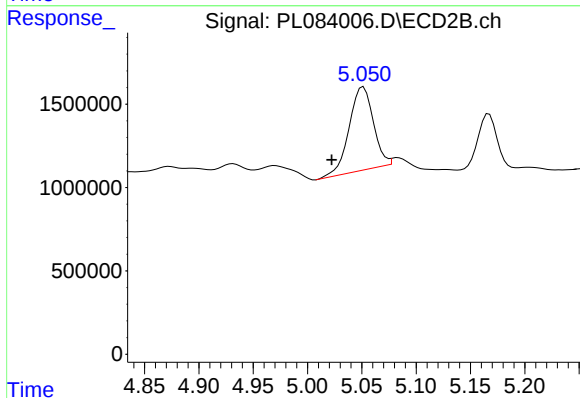
R.T.: 4.654 min  
Delta R.T.: 0.002 min  
Response: -298716  
Conc: N.D.



#9 Endosulfan I

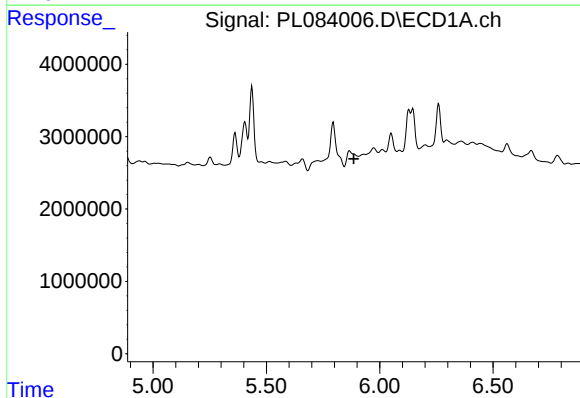
R.T.: 6.012 min  
Delta R.T.: -0.002 min  
Response: 454063  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



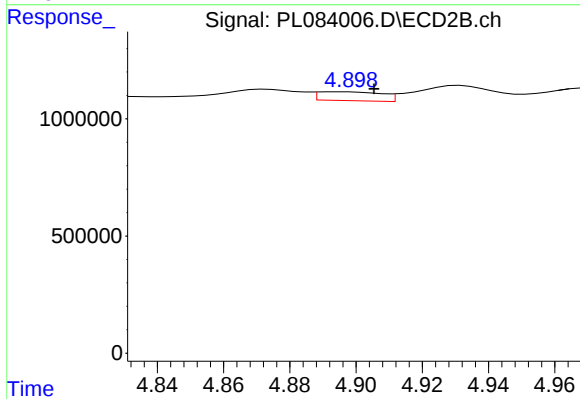
#9 Endosulfan I

R.T.: 5.051 min  
Delta R.T.: 0.029 min  
Response: 7716874  
Conc: 6.29 ng/ml



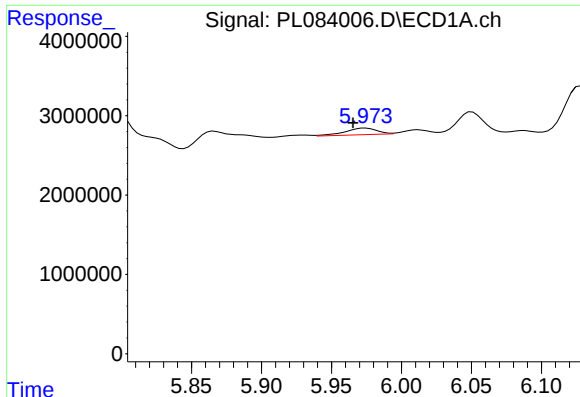
#10 gamma-Chlordane

R.T.: 5.866 min  
Delta R.T.: -0.019 min  
Response: -223040  
Conc: N.D.



#10 gamma-Chlordane

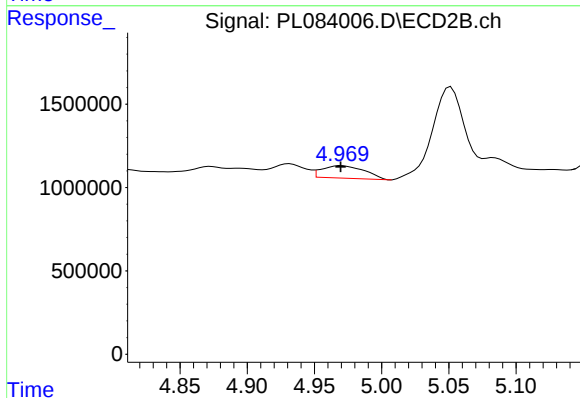
R.T.: 4.895 min  
Delta R.T.: -0.010 min  
Response: 504069  
Conc: 0.38 ng/ml



#11 alpha-Chlordane

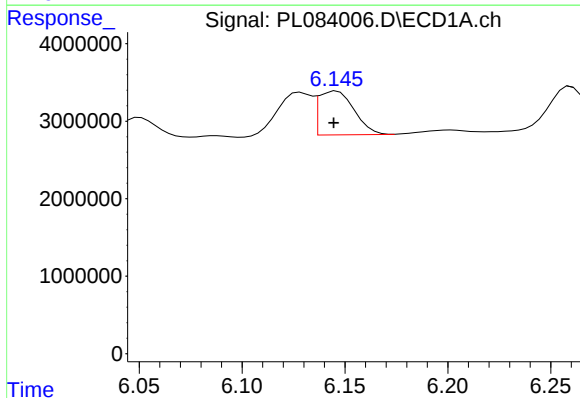
R.T.: 5.974 min  
Delta R.T.: 0.009 min  
Response: 1301450  
Conc: 0.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



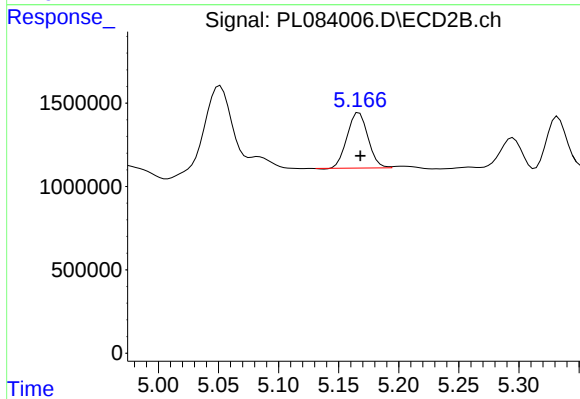
#11 alpha-Chlordane

R.T.: 4.970 min  
Delta R.T.: 0.000 min  
Response: 1621698  
Conc: 1.20 ng/ml



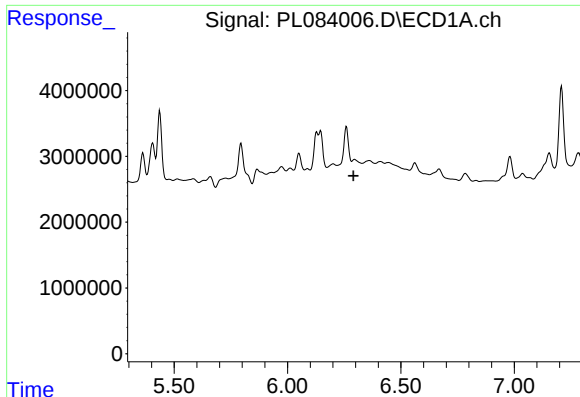
#12 4,4'-DDE

R.T.: 6.146 min  
Delta R.T.: 0.001 min  
Response: 6795394  
Conc: 3.38 ng/ml



#12 4,4'-DDE

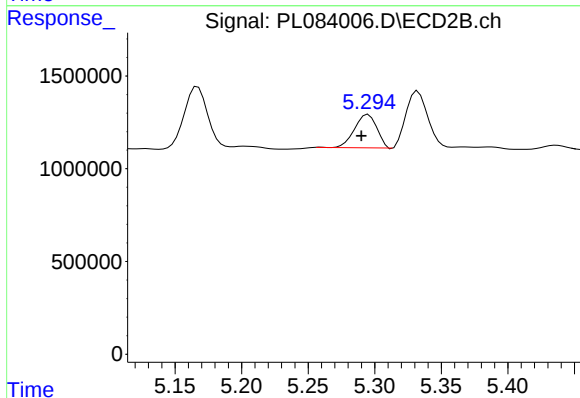
R.T.: 5.167 min  
Delta R.T.: -0.001 min  
Response: 4015995  
Conc: 3.27 ng/ml



#13 Dieldrin

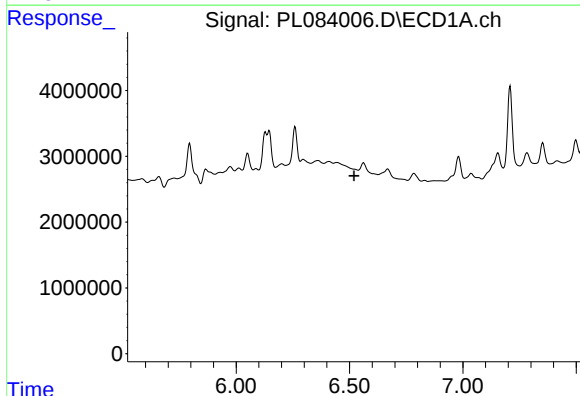
R.T.: 6.296 min  
Delta R.T.: 0.004 min  
Response: -4160818  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



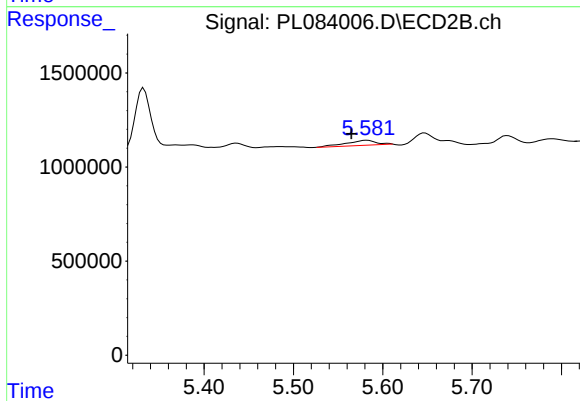
#13 Dieldrin

R.T.: 5.295 min  
Delta R.T.: 0.005 min  
Response: 2089799  
Conc: 1.60 ng/ml



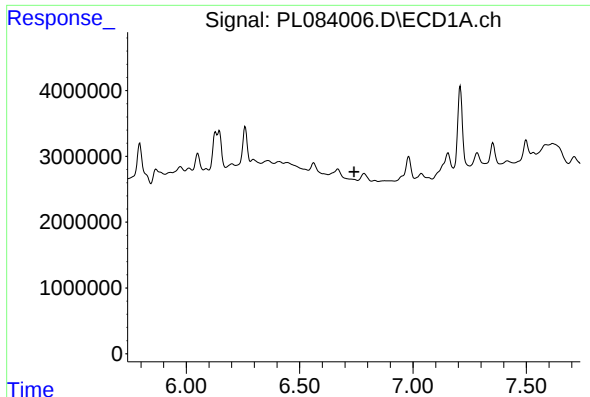
#14 Endrin

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



#14 Endrin

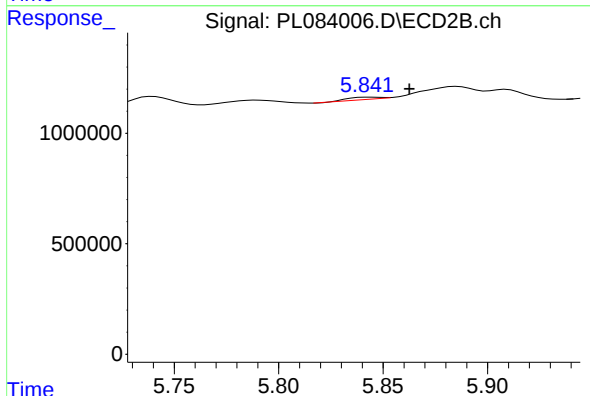
R.T.: 5.582 min  
Delta R.T.: 0.018 min  
Response: 659527  
Conc: 0.60 ng/ml



#15 Endosulfan II

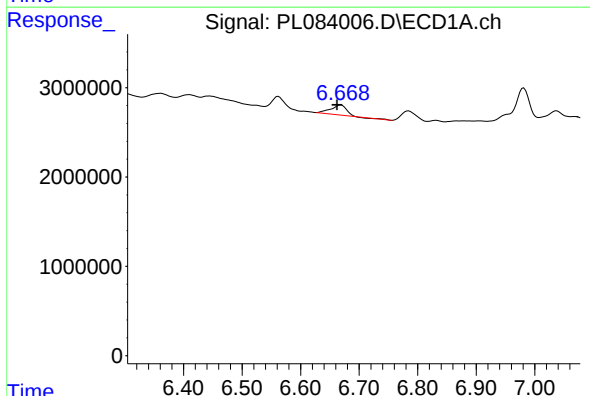
R.T.: 0.000 min  
Exp R.T.: 6.740 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



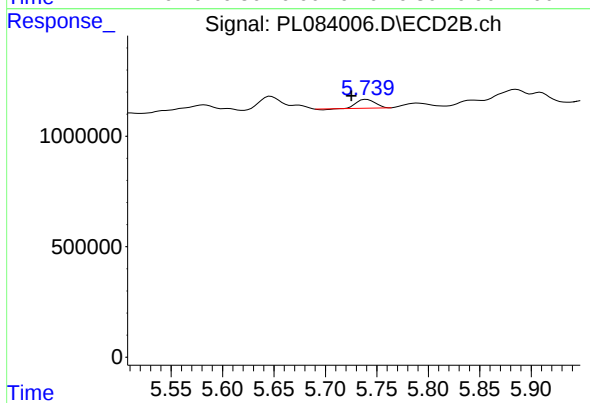
#15 Endosulfan II

R.T.: 5.844 min  
Delta R.T.: -0.019 min  
Response: 101477  
Conc: 0.09 ng/ml



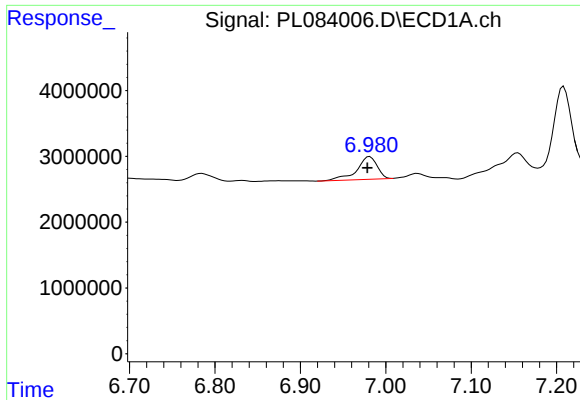
#16 4,4'-DDD

R.T.: 6.669 min  
Delta R.T.: 0.007 min  
Response: 2115125  
Conc: 1.44 ng/ml



#16 4,4'-DDD

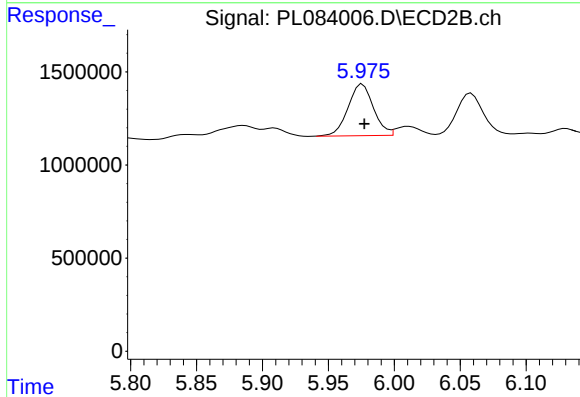
R.T.: 5.740 min  
Delta R.T.: 0.015 min  
Response: 489697  
Conc: 0.51 ng/ml



#17 4,4'-DDT

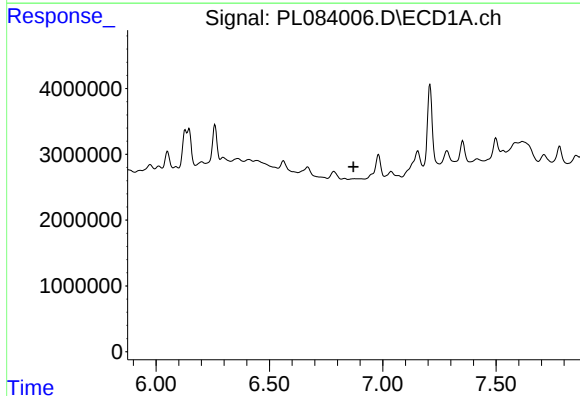
R.T.: 6.981 min  
Delta R.T.: 0.003 min  
Response: 5676573  
Conc: 3.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



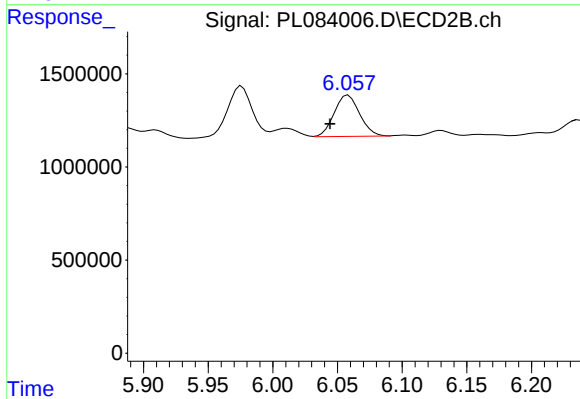
#17 4,4'-DDT

R.T.: 5.976 min  
Delta R.T.: -0.001 min  
Response: 3715236  
Conc: 4.08 ng/ml



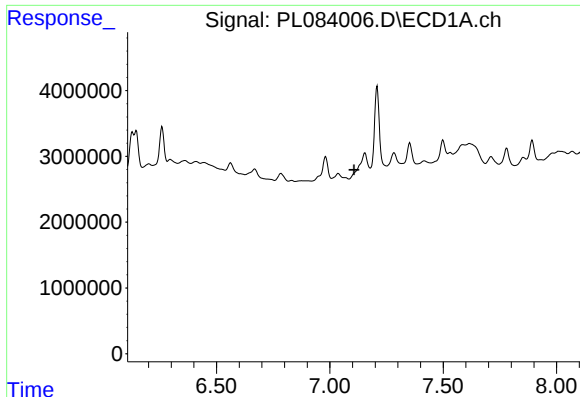
#18 Endrin aldehyde

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



#18 Endrin aldehyde

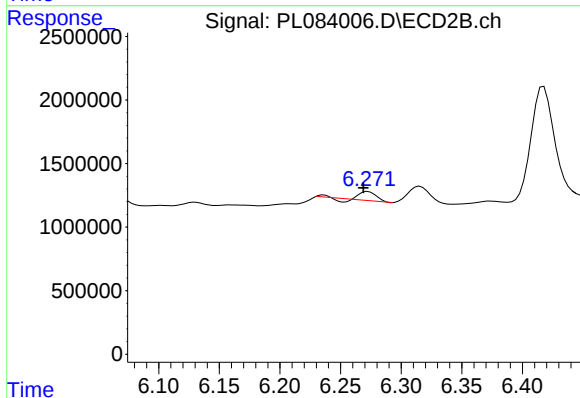
R.T.: 6.058 min  
Delta R.T.: 0.014 min  
Response: 3032914  
Conc: 3.37 ng/ml



#19 Endosulfan Sulfate

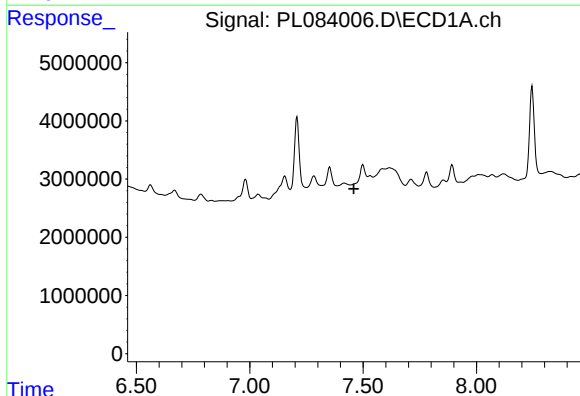
R.T.: 0.000 min  
Exp R.T.: 7.107 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



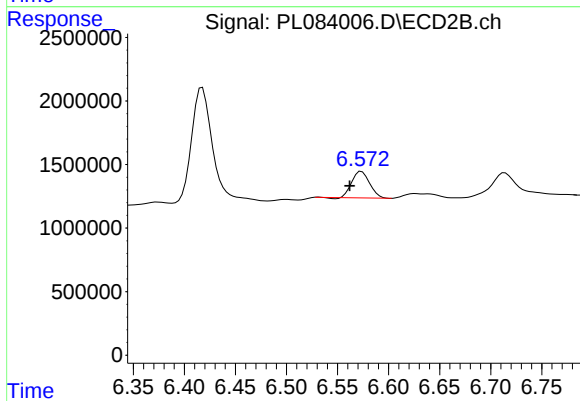
#19 Endosulfan Sulfate

R.T.: 6.273 min  
Delta R.T.: 0.004 min  
Response: 574216  
Conc: 0.52 ng/ml



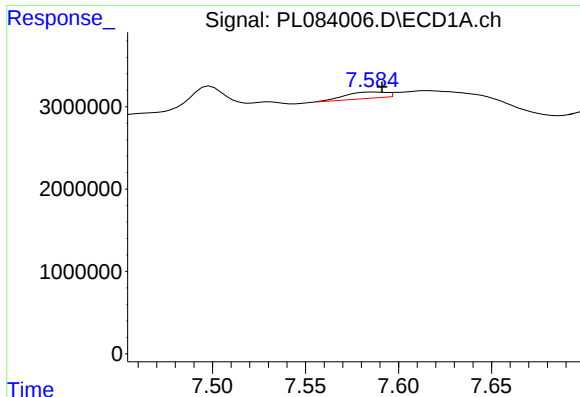
#20 Methoxychlor

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



#20 Methoxychlor

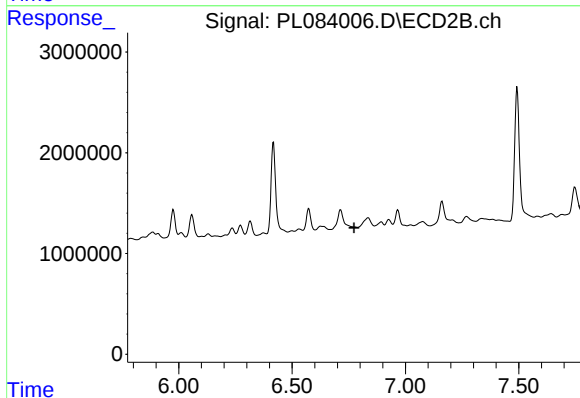
R.T.: 6.573 min  
Delta R.T.: 0.011 min  
Response: 2514708  
Conc: 5.25 ng/ml



#21 Endrin ketone

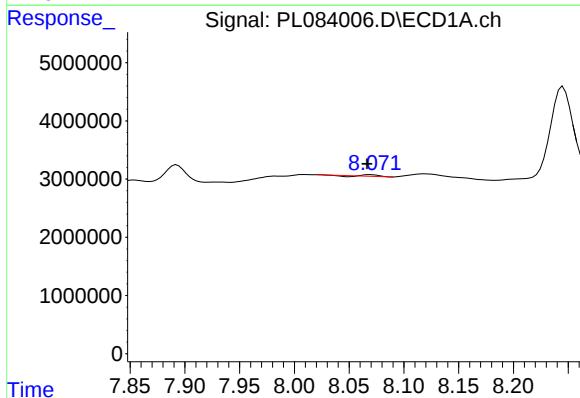
R.T.: 7.587 min  
Delta R.T.: -0.004 min  
Response: 1170707  
Conc: 0.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



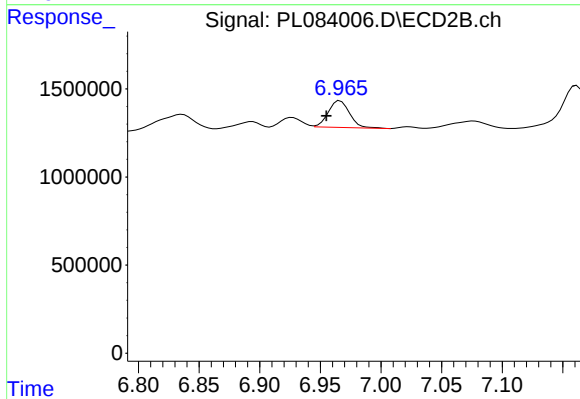
#21 Endrin ketone

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



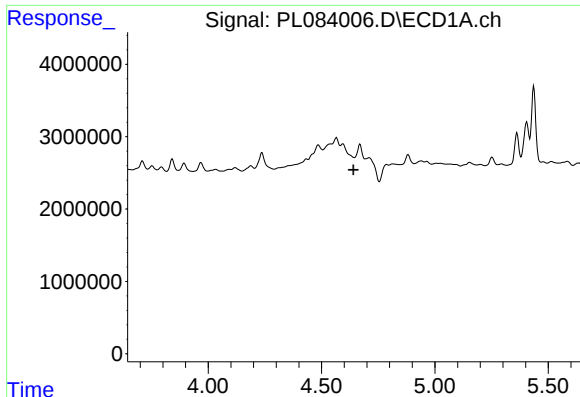
#22 Mirex

R.T.: 8.070 min  
Delta R.T.: 0.003 min  
Response: 197663  
Conc: 0.14 ng/ml



#22 Mirex

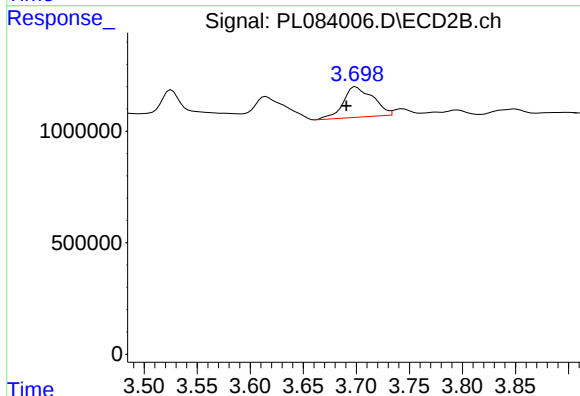
R.T.: 6.966 min  
Delta R.T.: 0.011 min  
Response: 1853593  
Conc: 1.82 ng/ml



#23 Chlordane-1

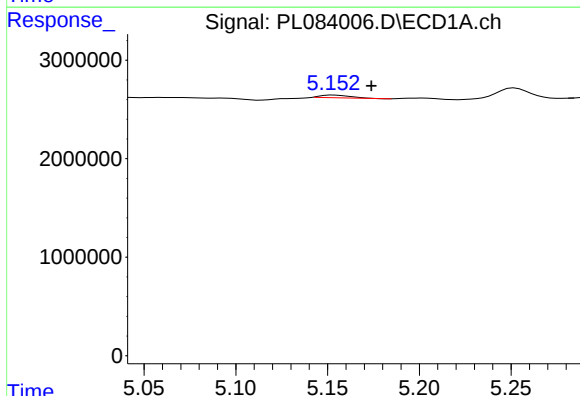
R.T.: 0.000 min  
Exp R.T.: 4.641 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



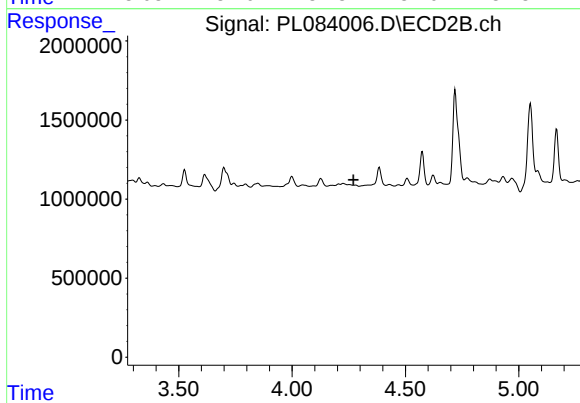
#23 Chlordane-1

R.T.: 3.700 min  
Delta R.T.: 0.009 min  
Response: 2659832  
Conc: 6.74 ng/ml



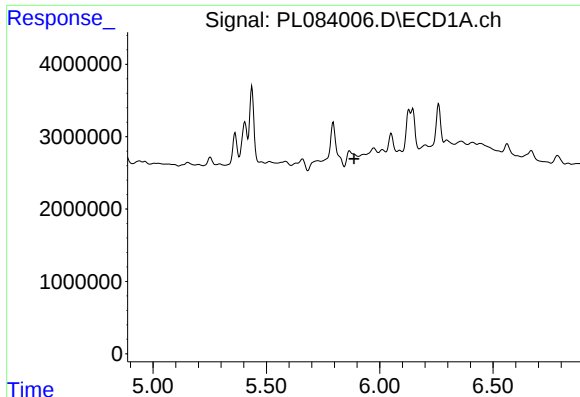
#24 Chlordane-2

R.T.: 5.153 min  
Delta R.T.: -0.020 min  
Response: 294406  
Conc: 0.37 ng/ml



#24 Chlordane-2

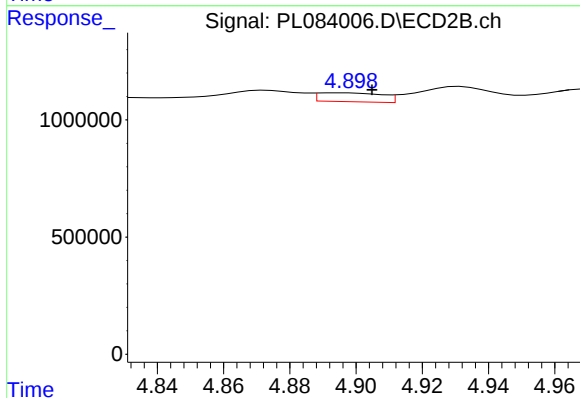
R.T.: 0.000 min  
Exp R.T.: 4.271 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

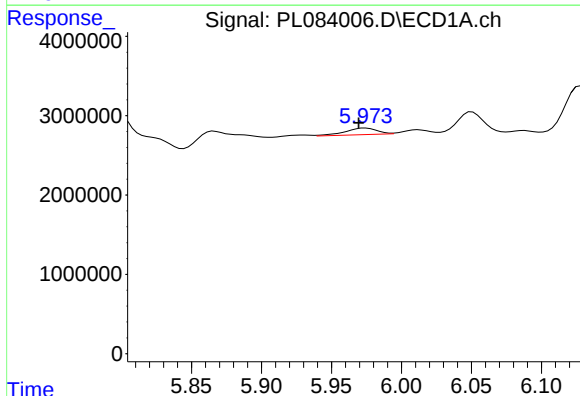
R.T.: 5.866 min  
Delta R.T.: -0.020 min  
Response: -223040  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



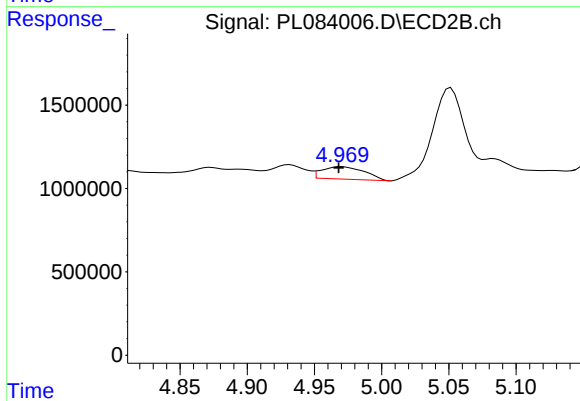
#25 Chlordane-3

R.T.: 4.895 min  
Delta R.T.: -0.010 min  
Response: 504069  
Conc: 0.37 ng/ml



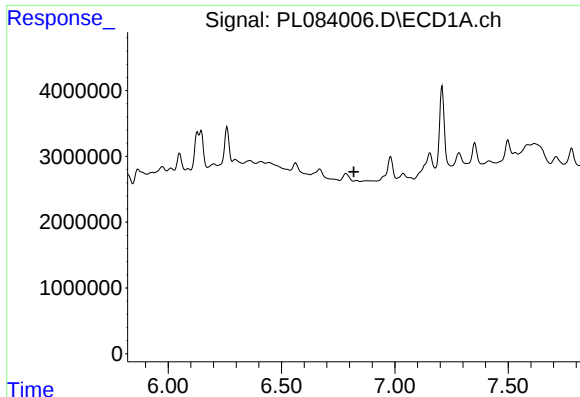
#26 Chlordane-4

R.T.: 5.974 min  
Delta R.T.: 0.005 min  
Response: 1301450  
Conc: 0.32 ng/ml



#26 Chlordane-4

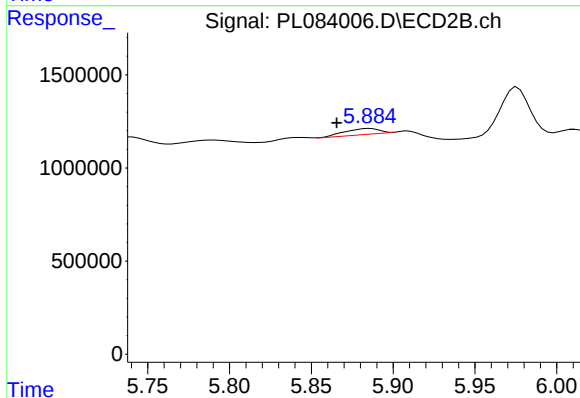
R.T.: 4.970 min  
Delta R.T.: 0.002 min  
Response: 1621698  
Conc: 1.13 ng/ml



#27 Chlordane-5

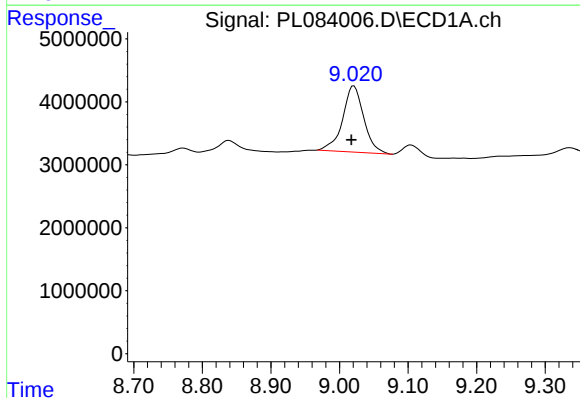
R.T.: 0.000 min  
Exp R.T.: 6.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



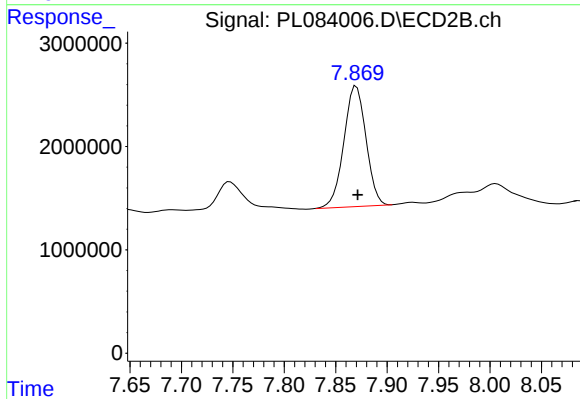
#27 Chlordane-5

R.T.: 5.886 min  
Delta R.T.: 0.020 min  
Response: 462071  
Conc: 1.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.021 min  
Delta R.T.: 0.004 min  
Response: 22651511  
Conc: 17.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.870 min  
Delta R.T.: -0.001 min  
Response: 17469138  
Conc: 15.72 ng/ml