

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072023\  
 Data File : PL084033.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jul 2023 15:57  
 Operator : AR\AJ  
 Sample : 03646-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 19 10:15:17 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  | 41841371 | 20882195 | 20.922 | 18.803   |
| 28)                         | SA Decachlor... | 9.024  | 7.871  | 22990013 | 21889618 | 17.662 | 19.700   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.193  | 0        | 83764    | N.D.   | 0.052 #  |
| 3)                          | MA gamma-BHC... | 4.238f | 3.525  | 977473   | 333960   | 0.346  | 0.220 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.869  | 0        | 279940   | N.D.   | 0.238 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.129f | 0        | 2430891  | N.D.   | 1.612 #  |
| 6)                          | B beta-BHC      | 4.486f | 0.000  | 1388605  | 0        | 1.157  | N.D. #   |
| 7)                          | B delta-BHC     | 4.703  | 4.065  | 534747   | 260721   | 0.201  | 0.172    |
| 8)                          | B Heptachlo...  | 5.629  | 4.635f | 13772473 | 159285   | 5.159  | 0.124 #  |
| 9)                          | A Endosulfan I  | 6.007  | 5.048f | 907639   | 1510420  | 0.383  | 1.231 #  |
| 10)                         | B gamma-Chl...  | 5.863f | 4.888f | 19158093 | 10976876 | 7.420  | 8.240    |
| 11)                         | B alpha-Chl...  | 5.974  | 4.960  | 3771210  | 3650137  | 1.484  | 2.710 #  |
| 12)                         | B 4,4'-DDE      | 6.144  | 5.166  | 11666791 | -106449  | 5.799  | N.D. #   |
| 13)                         | MA Dieldrin     | 6.298  | 5.297  | 2536194  | 16508002 | 1.061  | 12.676 # |
| 14)                         | MA Endrin       | 6.529  | 5.581f | 16746473 | 2127826  | 8.793  | 1.936 #  |
| 15)                         | B Endosulfa...  | 6.743  | 5.858  | 569435   | 8620538  | 0.304  | 7.500 #  |
| 16)                         | A 4,4'-DDD      | 6.678f | 5.709f | 25738347 | 79893    | 17.527 | 0.083 #  |
| 17)                         | MA 4,4'-DDT     | 6.955f | 5.971  | 36217709 | 25121875 | 22.710 | 27.582   |
| 18)                         | B Endrin al...  | 6.857  | 6.025f | 1386397  | 2818657  | 0.946  | 3.136 #  |
| 19)                         | B Endosulfa...  | 7.102  | 6.294f | 1338667  | 32248446 | 0.774  | 29.343 # |
| 21)                         | B Endrin ke...  | 7.578  | 0.000  | 4892245  | 0        | 2.792  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 6.954  | 0        | 31263    | N.D.   | 0.031 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.704  | 0        | 266741   | N.D.   | 0.676 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.254f | 0        | 19074    | N.D.   | 0.045 #  |
| 25)                         | Chlordane-3     | 5.863f | 4.888f | 19158093 | 10976876 | 5.458  | 8.006 #  |
| 26)                         | Chlordane-4     | 5.974  | 4.960  | 3771210  | 3650137  | 0.924  | 2.548 #  |
| 27)                         | Chlordane-5     | 6.798f | 5.858  | 15795118 | 8620538  | 25.867 | 18.785 # |
| -----                       |                 |        |        |          |          |        |          |

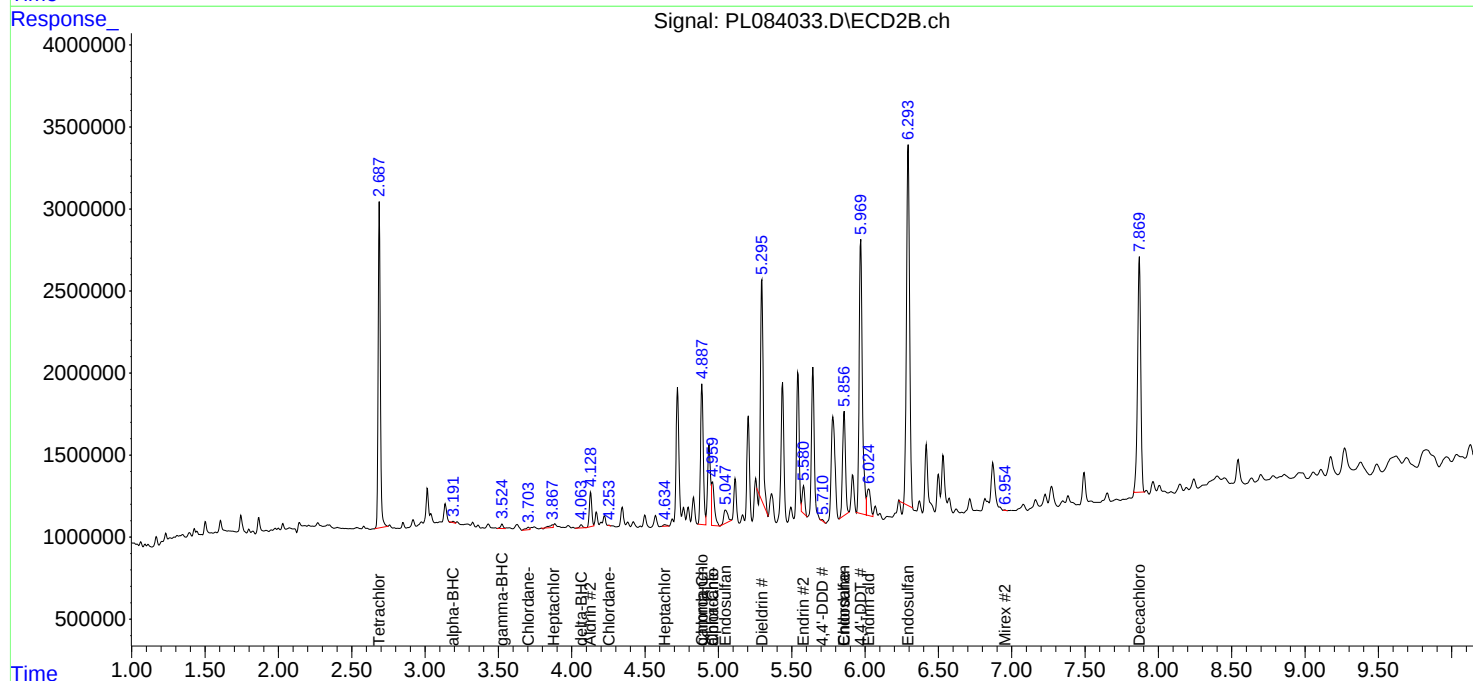
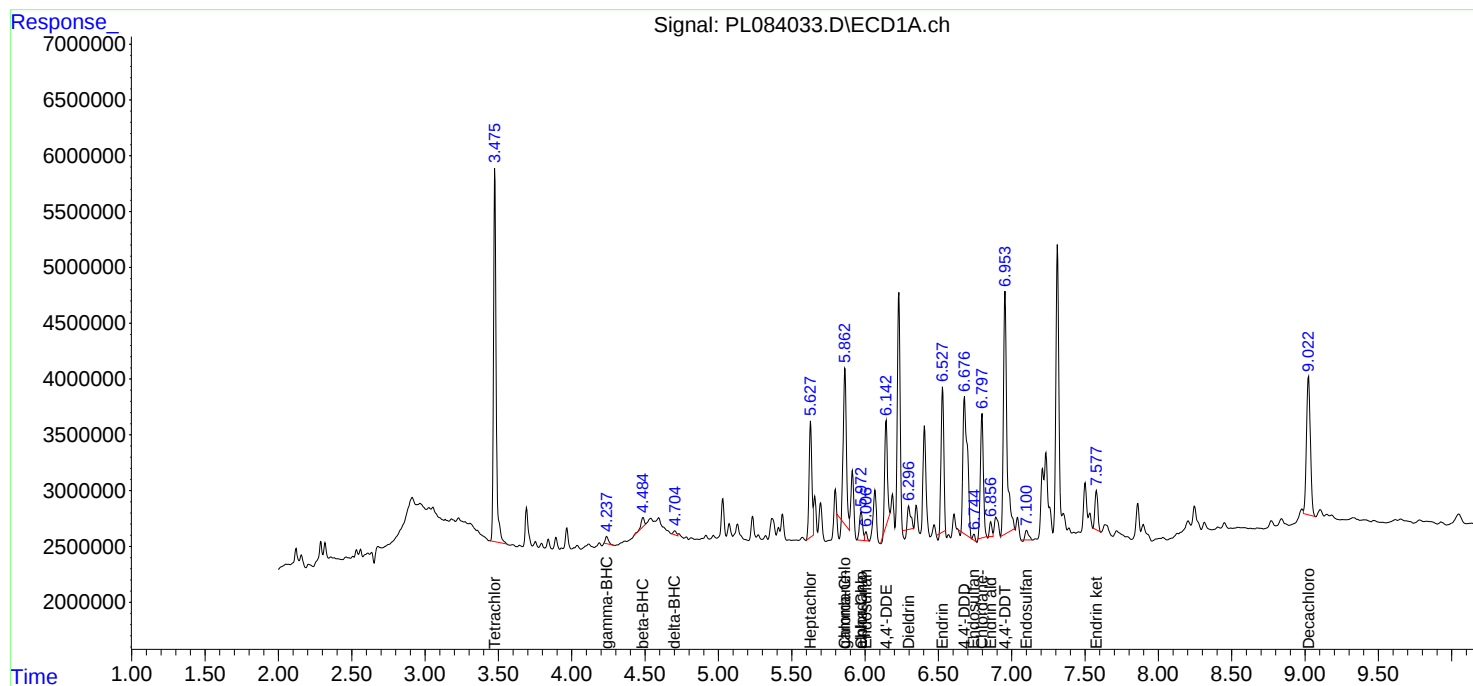
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

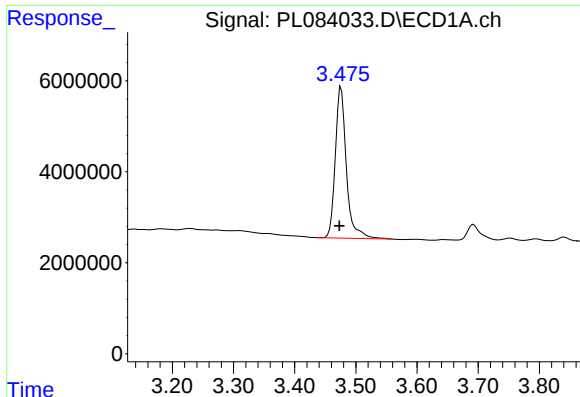
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072023\  
Data File : PL084033.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jul 2023 15:57  
Operator : AR\AJ  
Sample : 03646-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 19 10:15:17 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

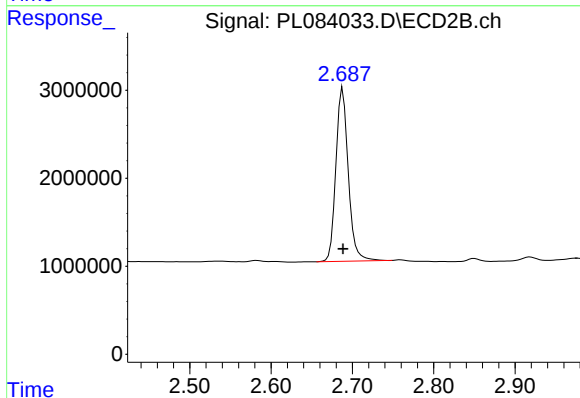




#1 Tetrachloro-m-xylene

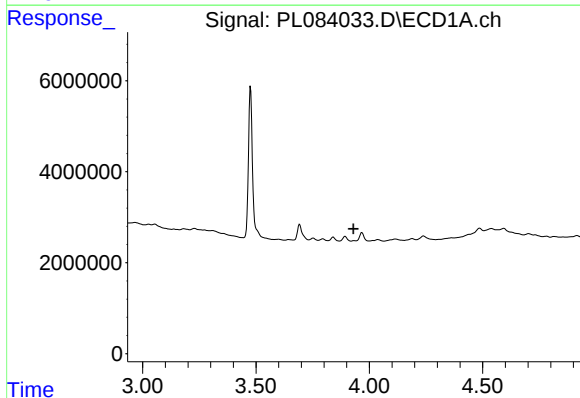
R.T.: 3.476 min  
Delta R.T.: 0.003 min  
Response: 41841371  
Conc: 20.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



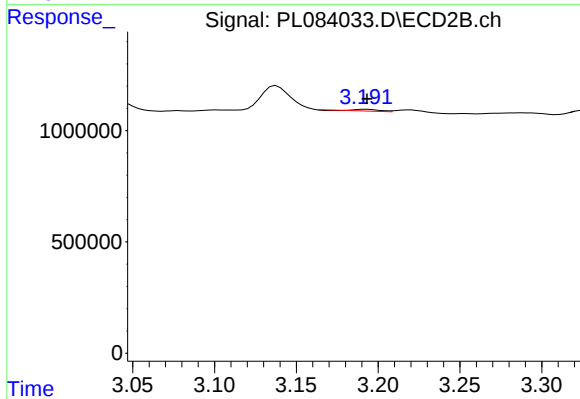
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: 0.000 min  
Response: 20882195  
Conc: 18.80 ng/ml



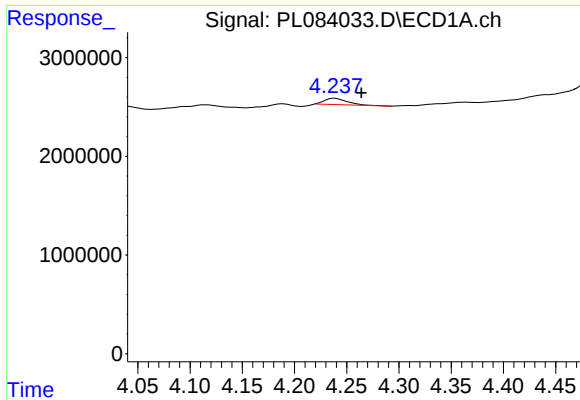
#2 alpha-BHC

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



#2 alpha-BHC

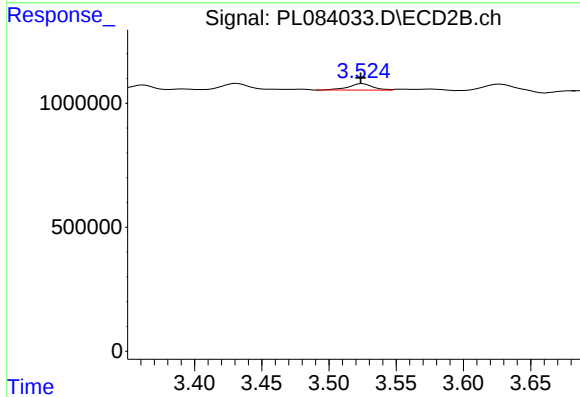
R.T.: 3.193 min  
Delta R.T.: 0.000 min  
Response: 83764  
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

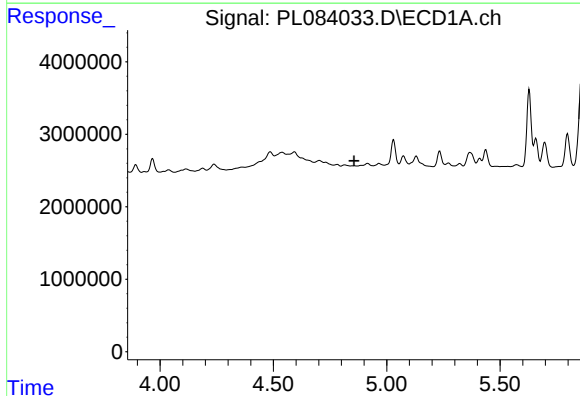
R.T.: 4.238 min  
Delta R.T.: -0.026 min  
Response: 977473  
Conc: 0.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



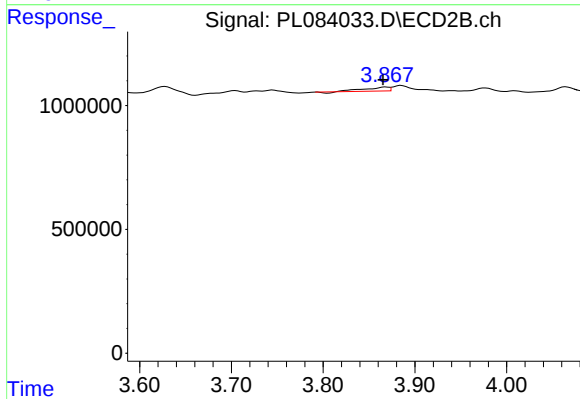
#3 gamma-BHC (Lindane)

R.T.: 3.525 min  
Delta R.T.: 0.001 min  
Response: 333960  
Conc: 0.22 ng/ml



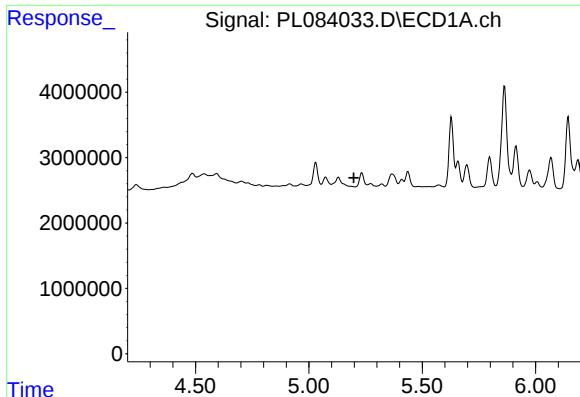
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.856 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

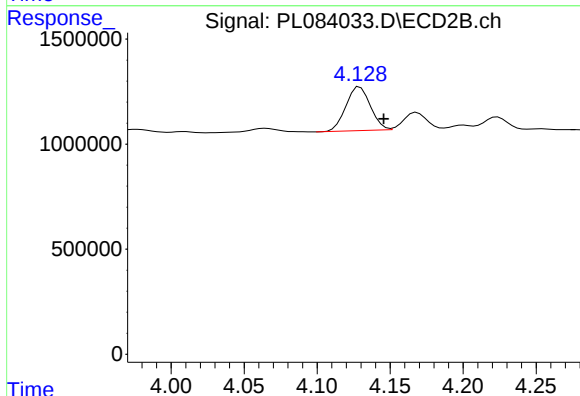
R.T.: 3.869 min  
Delta R.T.: 0.003 min  
Response: 279940  
Conc: 0.24 ng/ml



#5 Aldrin

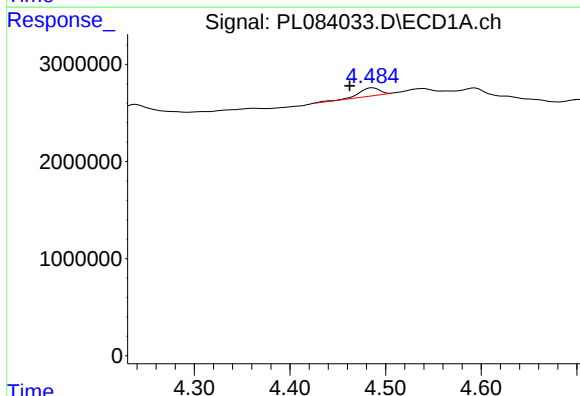
R.T.: 0.000 min  
Exp R.T.: 5.199 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



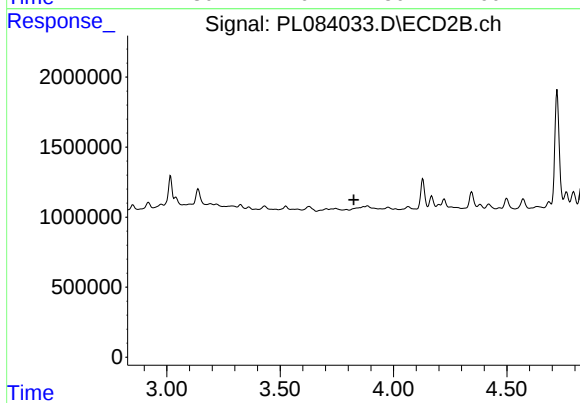
#5 Aldrin

R.T.: 4.129 min  
Delta R.T.: -0.016 min  
Response: 2430891  
Conc: 1.61 ng/ml



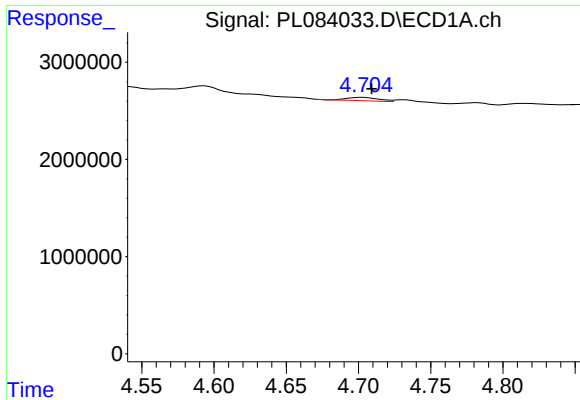
#6 beta-BHC

R.T.: 4.486 min  
Delta R.T.: 0.024 min  
Response: 1388605  
Conc: 1.16 ng/ml



#6 beta-BHC

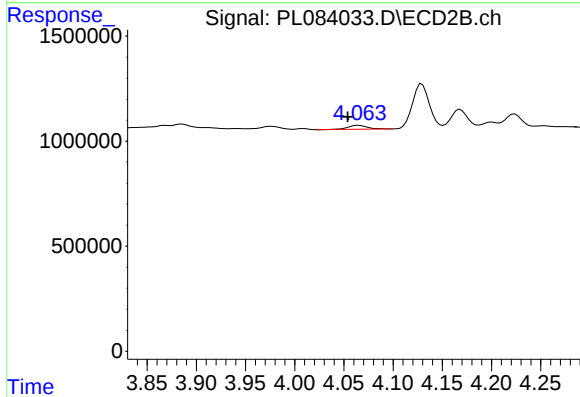
R.T.: 0.000 min  
Exp R.T.: 3.825 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

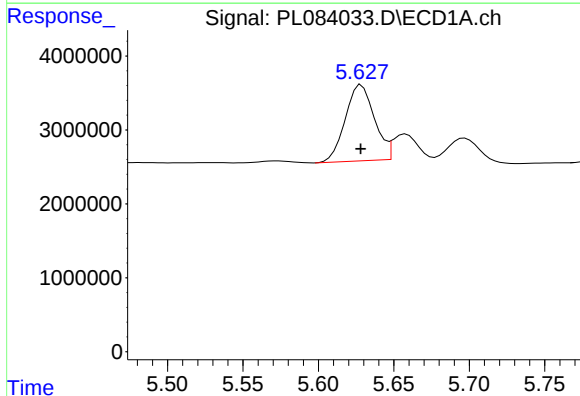
R.T.: 4.703 min  
Delta R.T.: -0.006 min  
Response: 534747  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



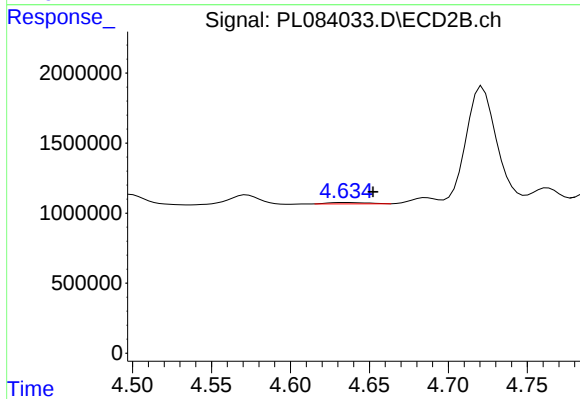
#7 delta-BHC

R.T.: 4.065 min  
Delta R.T.: 0.011 min  
Response: 260721  
Conc: 0.17 ng/ml



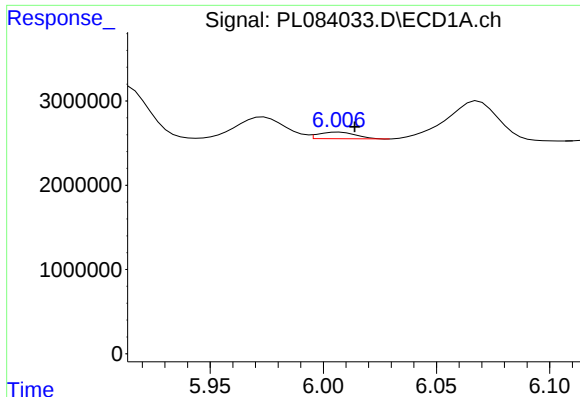
#8 Heptachlor epoxide

R.T.: 5.629 min  
Delta R.T.: 0.000 min  
Response: 13772473  
Conc: 5.16 ng/ml



#8 Heptachlor epoxide

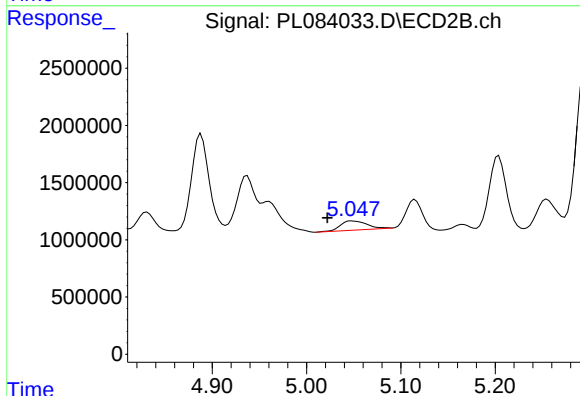
R.T.: 4.635 min  
Delta R.T.: -0.017 min  
Response: 159285  
Conc: 0.12 ng/ml



#9 Endosulfan I

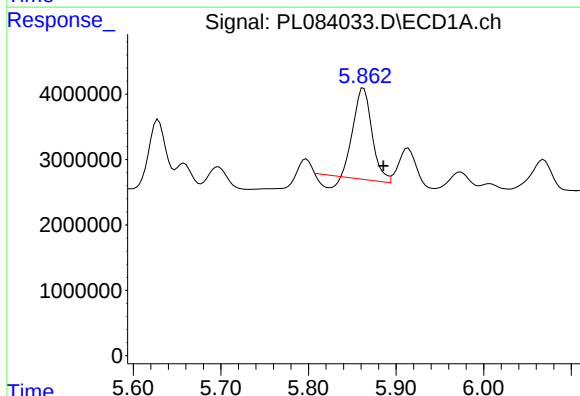
R.T.: 6.007 min  
Delta R.T.: -0.007 min  
Response: 907639  
Conc: 0.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



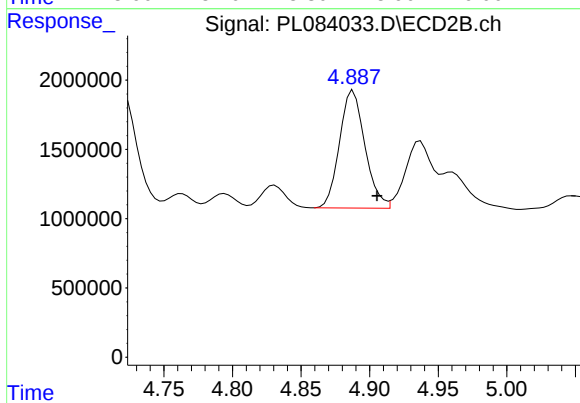
#9 Endosulfan I

R.T.: 5.048 min  
Delta R.T.: 0.026 min  
Response: 1510420  
Conc: 1.23 ng/ml



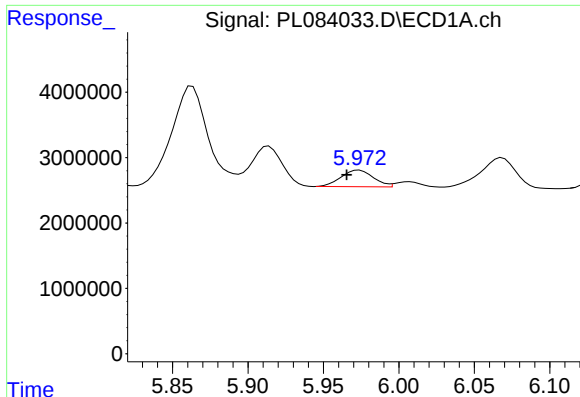
#10 gamma-Chlordane

R.T.: 5.863 min  
Delta R.T.: -0.023 min  
Response: 19158093  
Conc: 7.42 ng/ml



#10 gamma-Chlordane

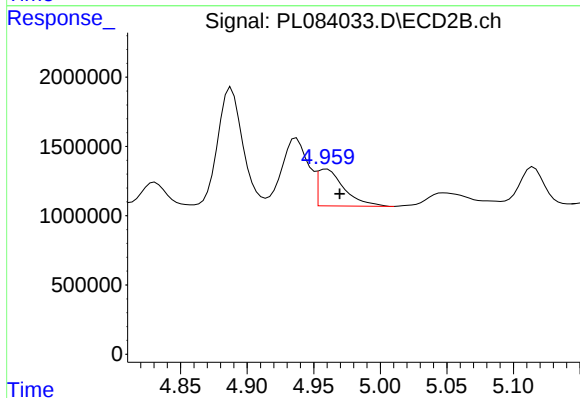
R.T.: 4.888 min  
Delta R.T.: -0.017 min  
Response: 10976876  
Conc: 8.24 ng/ml



#11 alpha-Chlordane

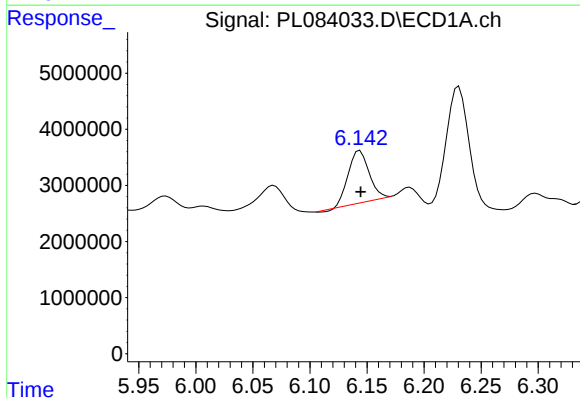
R.T.: 5.974 min  
Delta R.T.: 0.008 min  
Response: 3771210  
Conc: 1.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



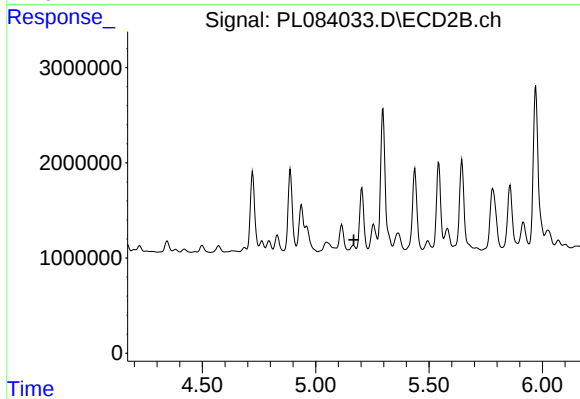
#11 alpha-Chlordane

R.T.: 4.960 min  
Delta R.T.: -0.010 min  
Response: 3650137  
Conc: 2.71 ng/ml



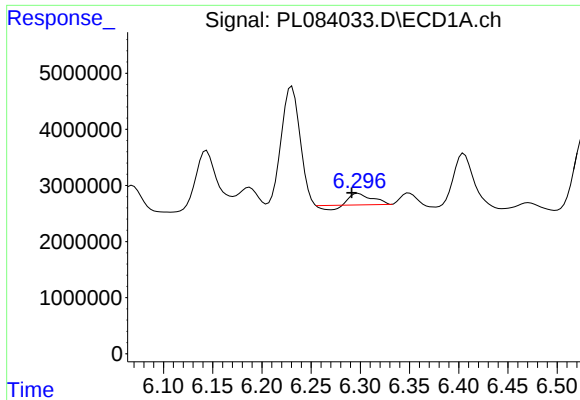
#12 4,4'-DDE

R.T.: 6.144 min  
Delta R.T.: 0.000 min  
Response: 11666791  
Conc: 5.80 ng/ml



#12 4,4'-DDE

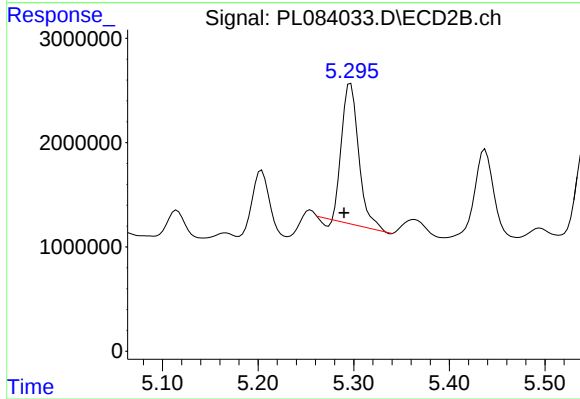
R.T.: 5.166 min  
Delta R.T.: -0.002 min  
Response: -106449  
Conc: N.D.



#13 Dieldrin

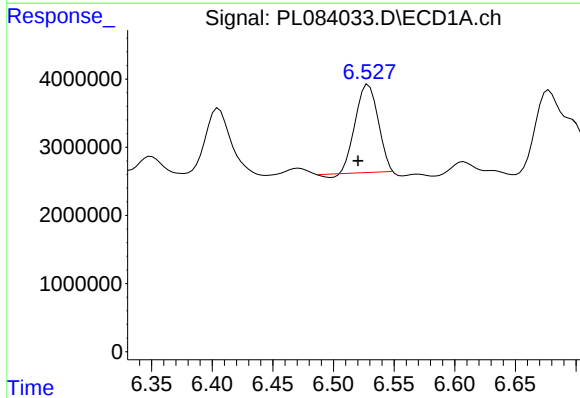
R.T.: 6.298 min  
Delta R.T.: 0.007 min  
Response: 2536194  
Conc: 1.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



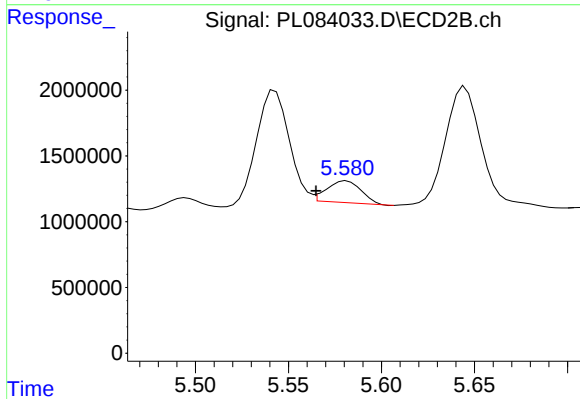
#13 Dieldrin

R.T.: 5.297 min  
Delta R.T.: 0.007 min  
Response: 16508002  
Conc: 12.68 ng/ml



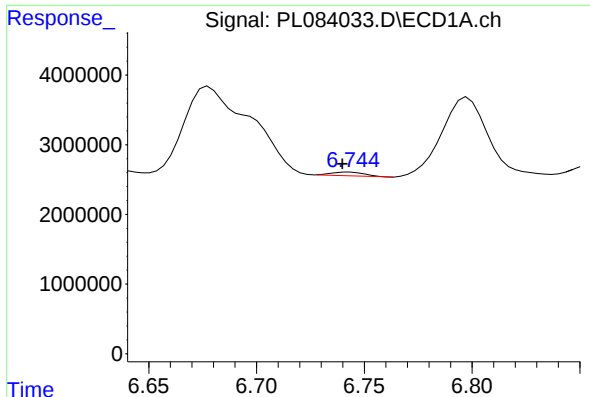
#14 Endrin

R.T.: 6.529 min  
Delta R.T.: 0.009 min  
Response: 16746473  
Conc: 8.79 ng/ml



#14 Endrin

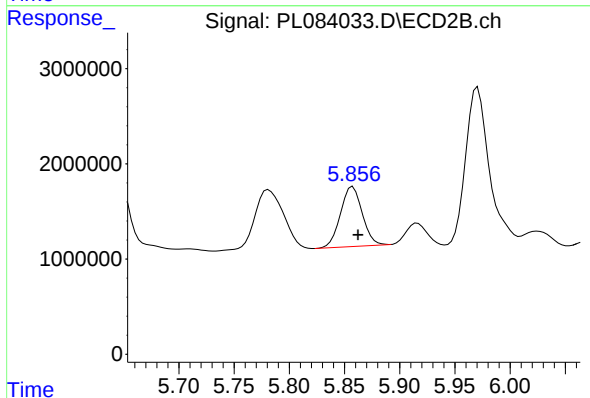
R.T.: 5.581 min  
Delta R.T.: 0.016 min  
Response: 2127826  
Conc: 1.94 ng/ml



#15 Endosulfan II

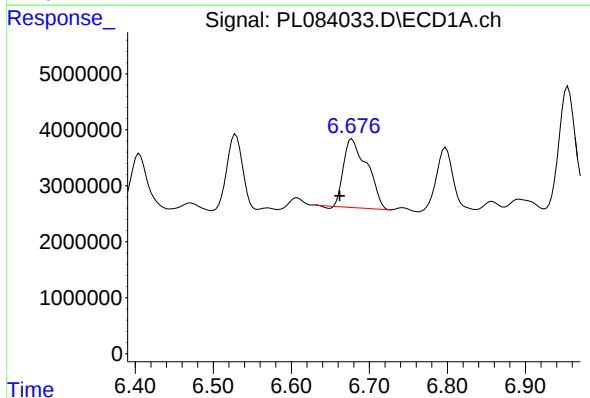
R.T.: 6.743 min  
Delta R.T.: 0.003 min  
Response: 569435  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



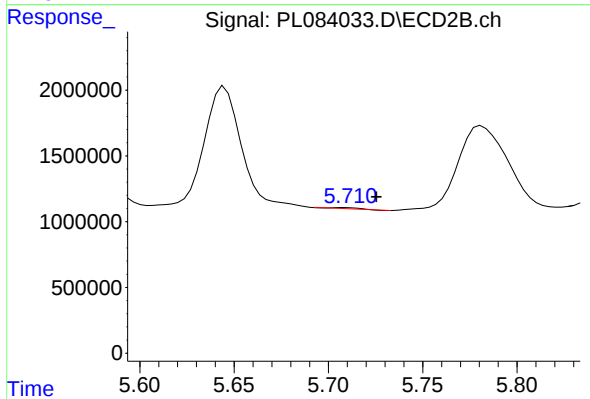
#15 Endosulfan II

R.T.: 5.858 min  
Delta R.T.: -0.005 min  
Response: 8620538  
Conc: 7.50 ng/ml



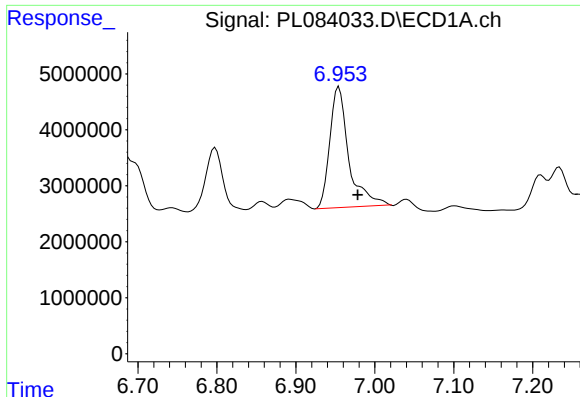
#16 4,4'-DDD

R.T.: 6.678 min  
Delta R.T.: 0.016 min  
Response: 25738347  
Conc: 17.53 ng/ml



#16 4,4'-DDD

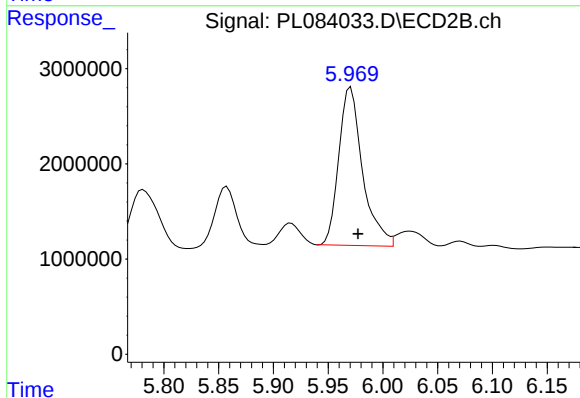
R.T.: 5.709 min  
Delta R.T.: -0.017 min  
Response: 79893  
Conc: 0.08 ng/ml



#17 4,4'-DDT

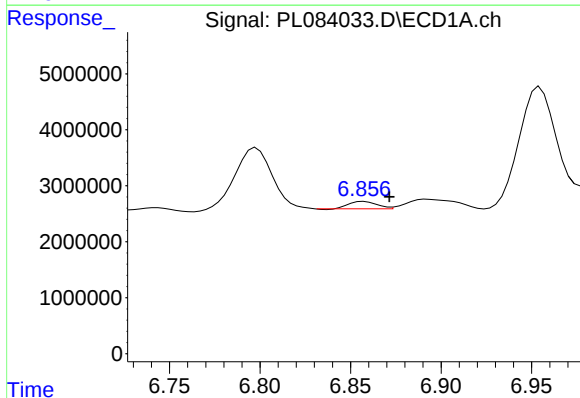
R.T.: 6.955 min  
Delta R.T.: -0.024 min  
Response: 36217709  
Conc: 22.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



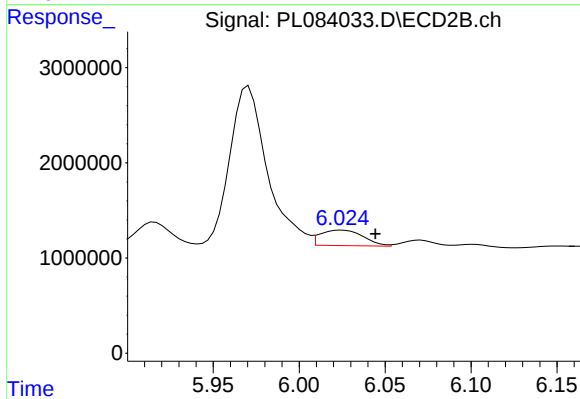
#17 4,4'-DDT

R.T.: 5.971 min  
Delta R.T.: -0.007 min  
Response: 25121875  
Conc: 27.58 ng/ml



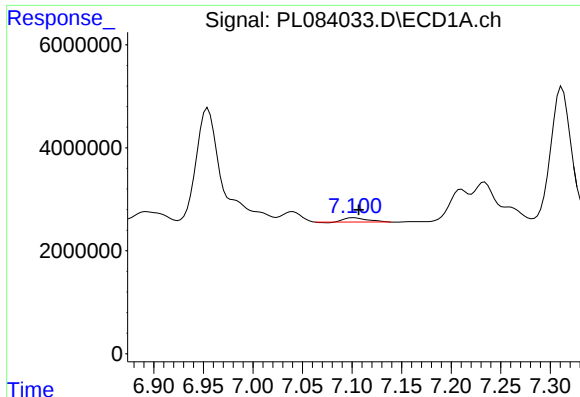
#18 Endrin aldehyde

R.T.: 6.857 min  
Delta R.T.: -0.014 min  
Response: 1386397  
Conc: 0.95 ng/ml



#18 Endrin aldehyde

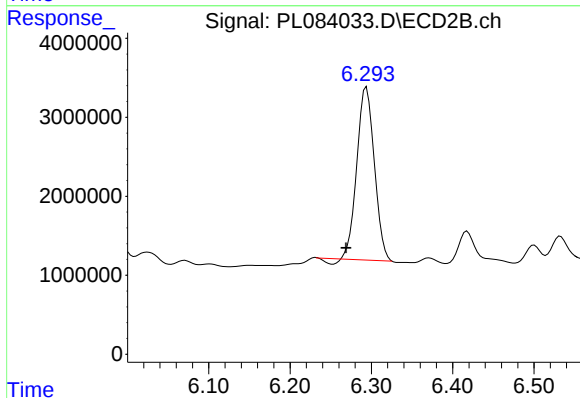
R.T.: 6.025 min  
Delta R.T.: -0.019 min  
Response: 2818657  
Conc: 3.14 ng/ml



#19 Endosulfan Sulfate

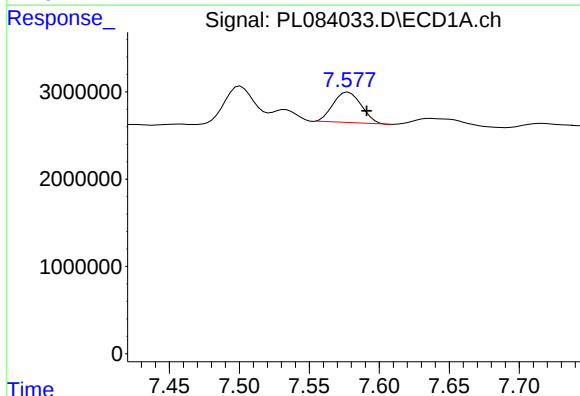
R.T.: 7.102 min  
Delta R.T.: -0.005 min  
Response: 1338667  
Conc: 0.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



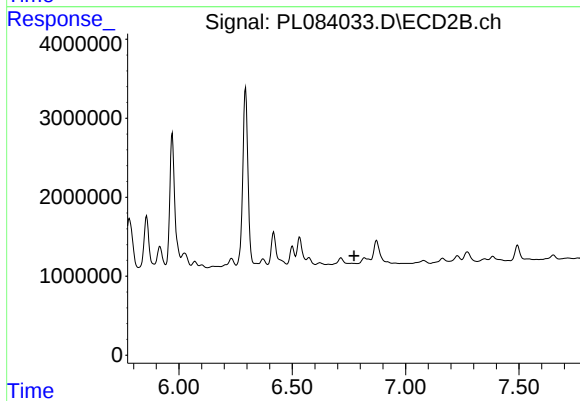
#19 Endosulfan Sulfate

R.T.: 6.294 min  
Delta R.T.: 0.025 min  
Response: 32248446  
Conc: 29.34 ng/ml



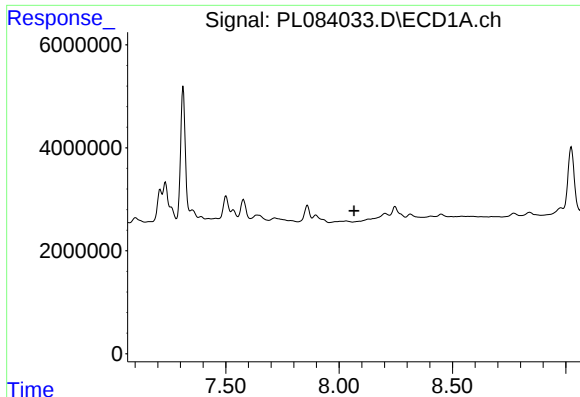
#21 Endrin ketone

R.T.: 7.578 min  
Delta R.T.: -0.013 min  
Response: 4892245  
Conc: 2.79 ng/ml



#21 Endrin ketone

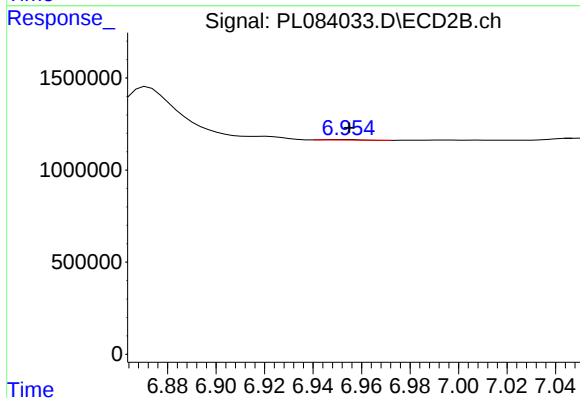
R.T.: 0.000 min  
Exp R.T. : 6.773 min  
Response: 0  
Conc: N.D.



#22 Mirex

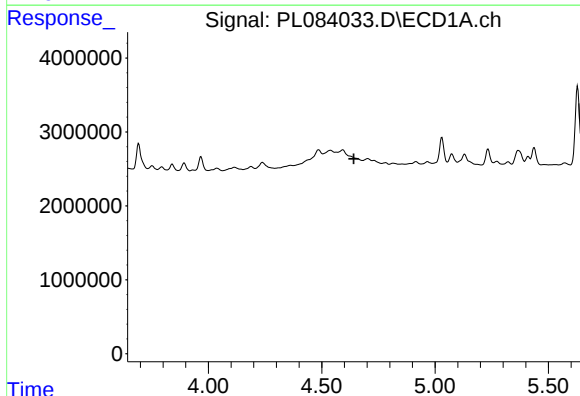
R.T.: 0.000 min  
Exp R.T.: 8.066 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



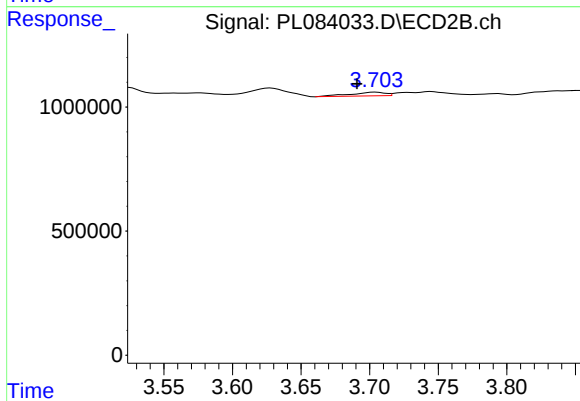
#22 Mirex

R.T.: 6.954 min  
Delta R.T.: -0.001 min  
Response: 31263  
Conc: 0.03 ng/ml



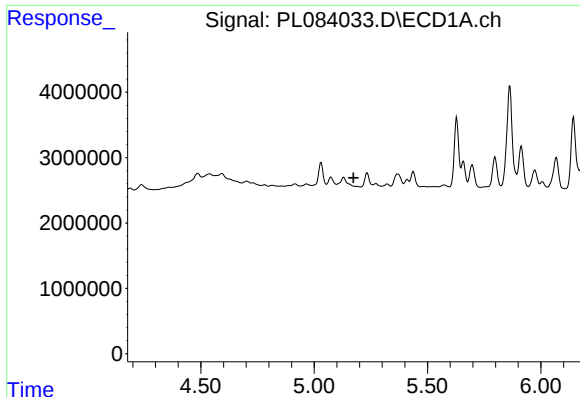
#23 Chlordane-1

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



#23 Chlordane-1

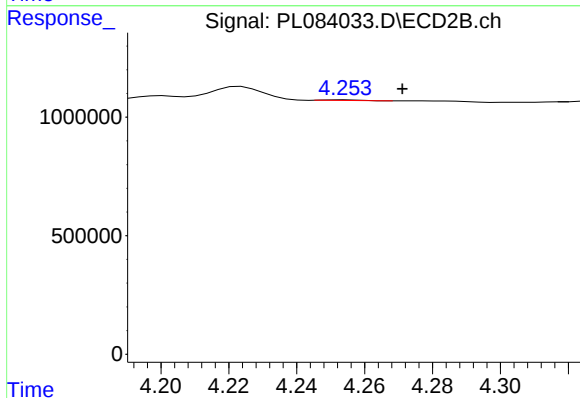
R.T.: 3.704 min  
Delta R.T.: 0.014 min  
Response: 266741  
Conc: 0.68 ng/ml



#24 Chlordane-2

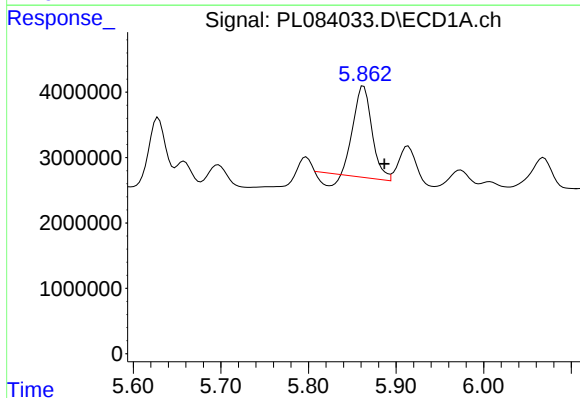
R.T.: 0.000 min  
Exp R.T.: 5.174 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



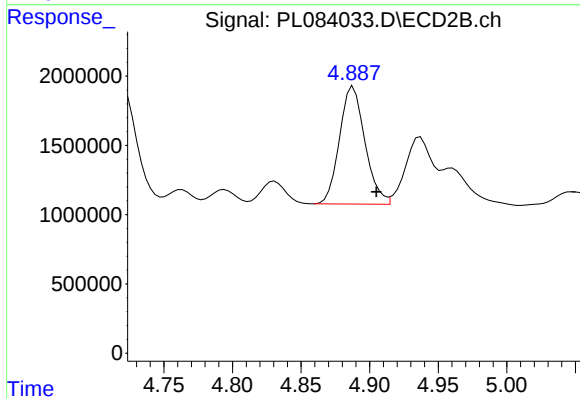
#24 Chlordane-2

R.T.: 4.254 min  
Delta R.T.: -0.017 min  
Response: 19074  
Conc: 0.04 ng/ml



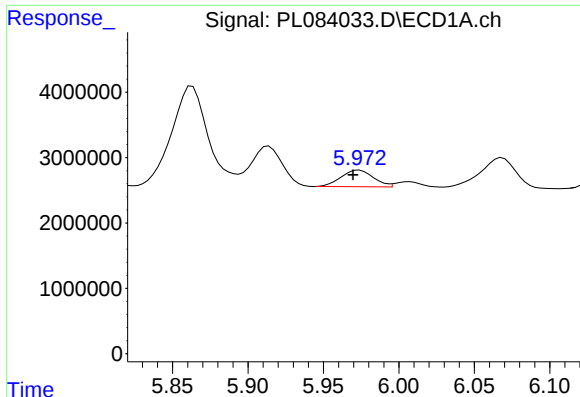
#25 Chlordane-3

R.T.: 5.863 min  
Delta R.T.: -0.024 min  
Response: 19158093  
Conc: 5.46 ng/ml



#25 Chlordane-3

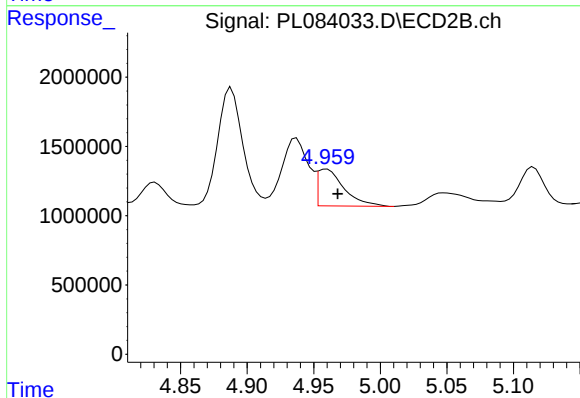
R.T.: 4.888 min  
Delta R.T.: -0.017 min  
Response: 10976876  
Conc: 8.01 ng/ml



#26 Chlordane-4

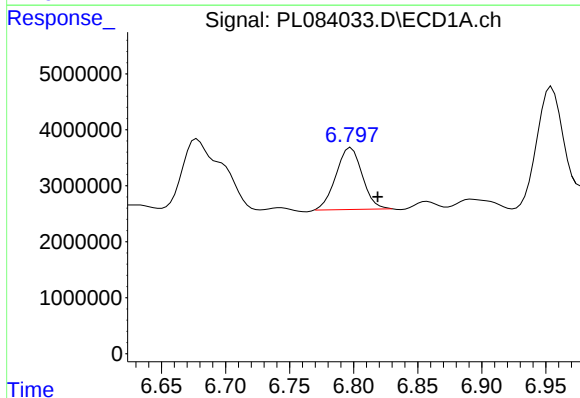
R.T.: 5.974 min  
Delta R.T.: 0.004 min  
Response: 3771210  
Conc: 0.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



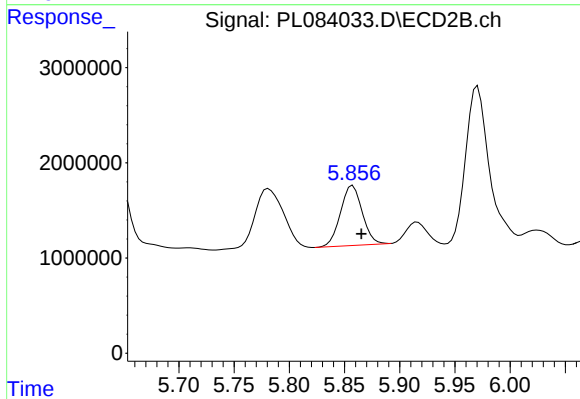
#26 Chlordane-4

R.T.: 4.960 min  
Delta R.T.: -0.008 min  
Response: 3650137  
Conc: 2.55 ng/ml



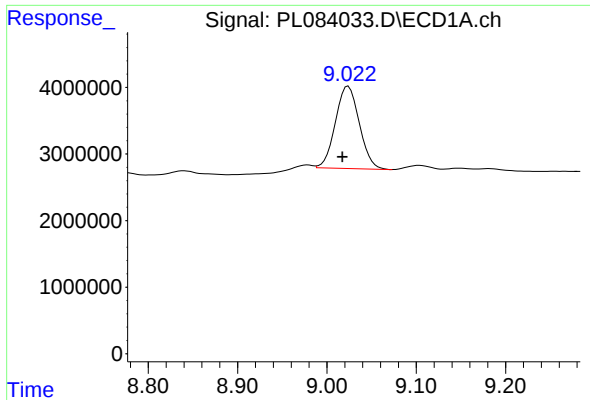
#27 Chlordane-5

R.T.: 6.798 min  
Delta R.T.: -0.021 min  
Response: 15795118  
Conc: 25.87 ng/ml



#27 Chlordane-5

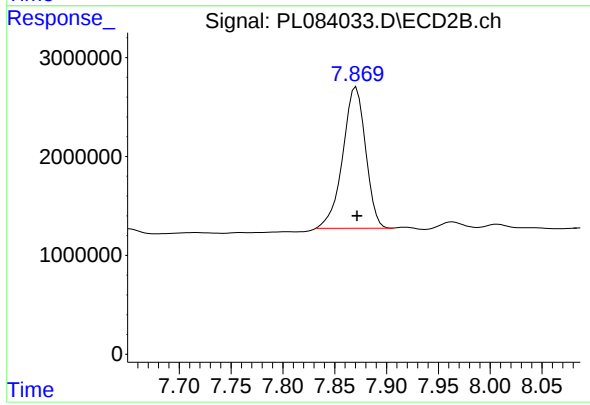
R.T.: 5.858 min  
Delta R.T.: -0.008 min  
Response: 8620538  
Conc: 18.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min  
Delta R.T.: 0.006 min  
Response: 22990013  
Conc: 17.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.871 min  
Delta R.T.: 0.000 min  
Response: 21889618  
Conc: 19.70 ng/ml