

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072223\  
 Data File : PL084106.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jul 2023 16:52  
 Operator : AR\AJ  
 Sample : 03683-01  
 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 20 21:43:01 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  | 35806202 | 18176613 | 17.904 | 16.367   |
| 2)                          | SA Decachlor... | 9.024  | 7.871  | 22696590 | 12965020 | 17.437 | 11.668 # |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.191  | 0        | 40764    | N.D.   | 0.025 #  |
| 3)                          | MA gamma-BHC... | 4.242f | 3.522  | 857623   | 39747    | 0.304  | 0.026 #  |
| 4)                          | MA Heptachlor   | 4.855  | 3.879  | 4645349  | 219239   | 1.709  | 0.186 #  |
| 5)                          | MB Aldrin       | 5.192  | 4.127f | 1066568  | 508981   | 0.372  | 0.338    |
| 6)                          | B beta-BHC      | 4.486f | 3.833  | 219788   | -49081   | 0.183  | N.D. #   |
| 7)                          | B delta-BHC     | 4.714  | 4.056  | 5803805  | 1027331  | 2.177  | 0.679 #  |
| 8)                          | B Heptachlo...  | 0.000  | 4.652  | 0        | 27395    | N.D.   | 0.021 #  |
| 9)                          | A Endosulfan I  | 6.021  | 5.049f | 965374   | 202859   | 0.408  | 0.165 #  |
| 10)                         | B gamma-Chl...  | 5.893  | 4.903  | 417814   | 390588   | 0.162  | 0.293 #  |
| 11)                         | B alpha-Chl...  | 5.959  | 4.972  | 1204631  | 974995   | 0.474  | 0.724 #  |
| 12)                         | B 4,4'-DDE      | 6.148  | 5.183  | 656717   | 707043   | 0.326  | 0.576 #  |
| 13)                         | MA Dieldrin     | 6.308f | 5.297  | 830301   | -124200  | 0.347  | N.D. #   |
| 14)                         | MA Endrin       | 6.510  | 5.558  | 625385   | 247121   | 0.328  | 0.225 #  |
| 15)                         | B Endosulfa...  | 6.731  | 5.845f | 1707419  | 1323536  | 0.911  | 1.152 #  |
| 16)                         | A 4,4'-DDD      | 6.655  | 5.724  | 1070381  | 103987   | 0.729  | 0.108 #  |
| 17)                         | MA 4,4'-DDT     | 6.972  | 6.004f | 561613   | -150978  | 0.352  | N.D. #   |
| 18)                         | B Endrin al...  | 6.881  | 6.031  | 222172   | 14252    | 0.152  | 0.016 #  |
| 19)                         | B Endosulfa...  | 7.127f | 6.267  | 483300   | 187995   | 0.280  | 0.171 #  |
| 20)                         | A Methoxychlor  | 7.478f | 6.561  | 42198    | 161600   | 0.054  | 0.337 #  |
| 21)                         | B Endrin ke...  | 7.575f | 6.764  | -261930  | 691589   | N.D.   | 0.535    |
| 23)                         | Chlordane-1     | 4.650  | 3.684  | 407185   | 114909   | 0.504  | 0.291 #  |
| 24)                         | Chlordane-2     | 5.161  | 4.285  | 644456   | 48128    | 0.807  | 0.114 #  |
| 25)                         | Chlordane-3     | 5.893  | 4.903  | 417814   | 390588   | 0.119  | 0.285 #  |
| 26)                         | Chlordane-4     | 5.959  | 4.972  | 1204631  | 974995   | 0.295  | 0.681 #  |
| 27)                         | Chlordane-5     | 6.816  | 5.845f | 238021   | 1323536  | 0.390  | 2.884 #  |
| -----                       |                 |        |        |          |          |        |          |

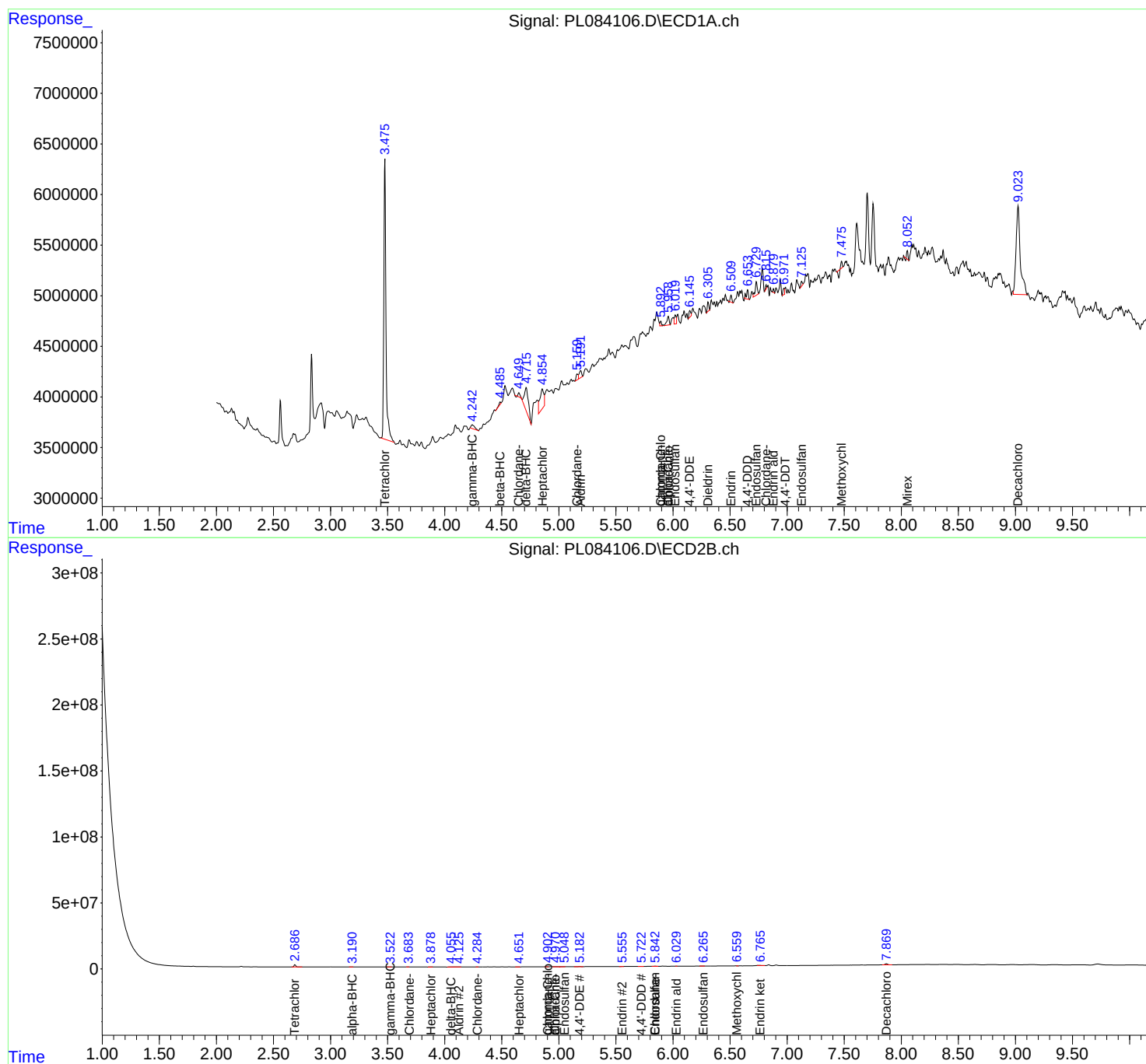
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

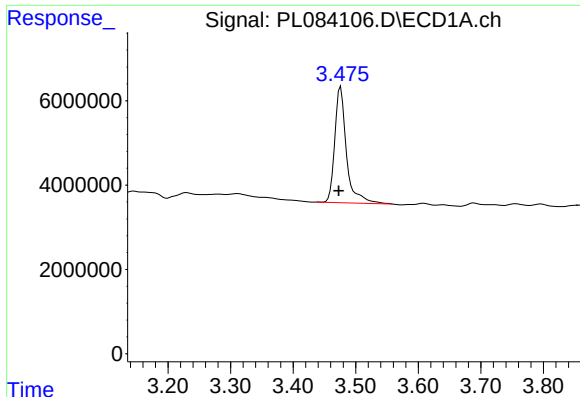
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072223\  
Data File : PL084106.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Jul 2023 16:52  
Operator : AR\AJ  
Sample : 03683-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 20 21:43:01 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

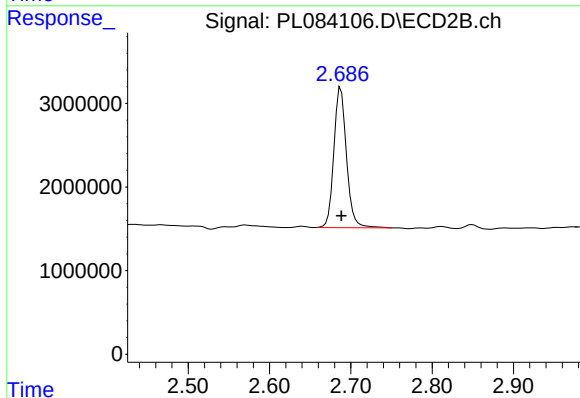




#1 Tetrachloro-m-xylene

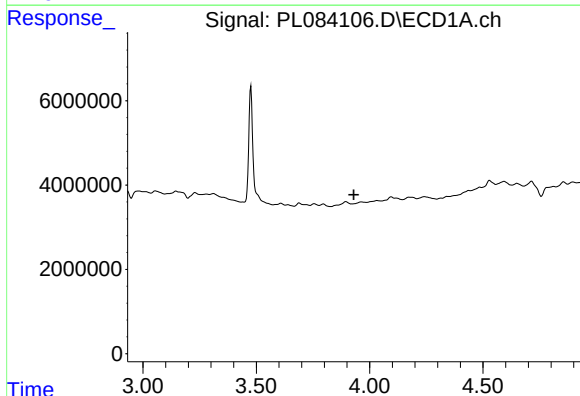
R.T.: 3.476 min  
Delta R.T.: 0.003 min  
Response: 35806202  
Conc: 17.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



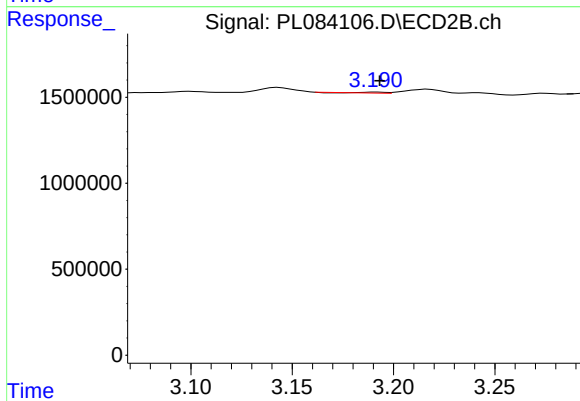
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: 0.000 min  
Response: 18176613  
Conc: 16.37 ng/ml



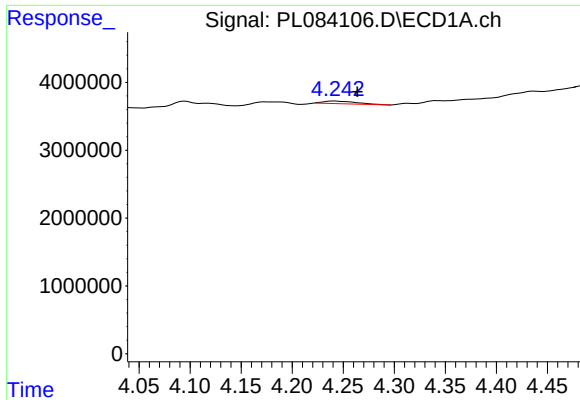
#2 alpha-BHC

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



#2 alpha-BHC

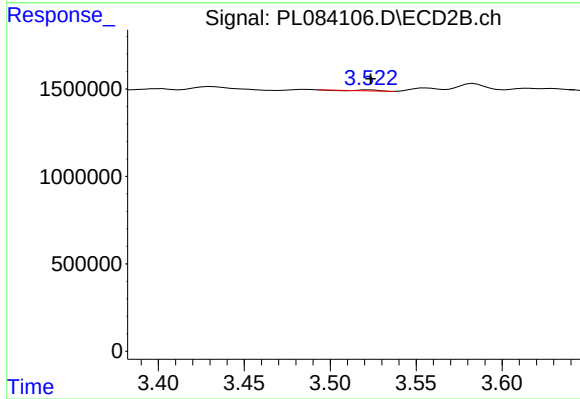
R.T.: 3.191 min  
Delta R.T.: -0.002 min  
Response: 40764  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

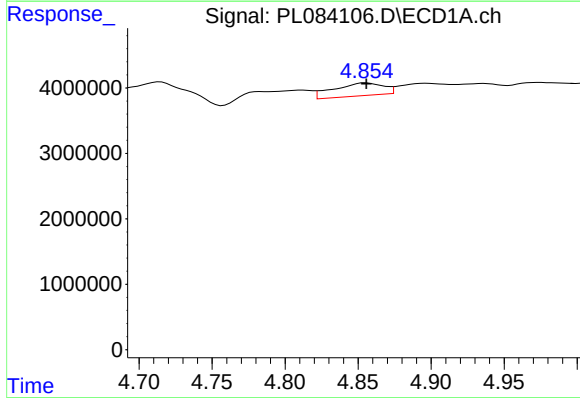
R.T.: 4.242 min  
Delta R.T.: -0.022 min  
Response: 857623  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



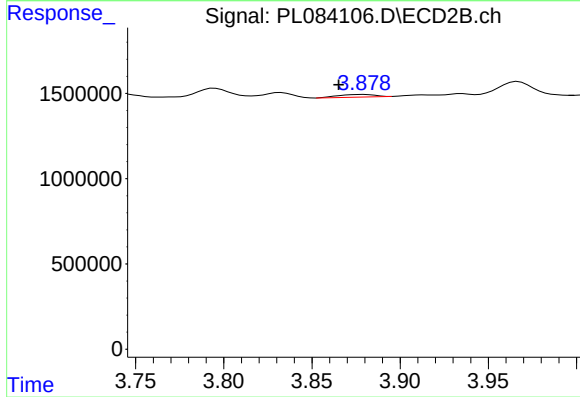
#3 gamma-BHC (Lindane)

R.T.: 3.522 min  
Delta R.T.: -0.001 min  
Response: 39747  
Conc: 0.03 ng/ml



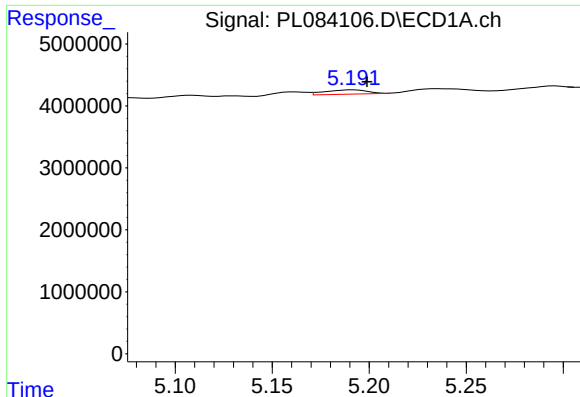
#4 Heptachlor

R.T.: 4.855 min  
Delta R.T.: 0.000 min  
Response: 4645349  
Conc: 1.71 ng/ml



#4 Heptachlor

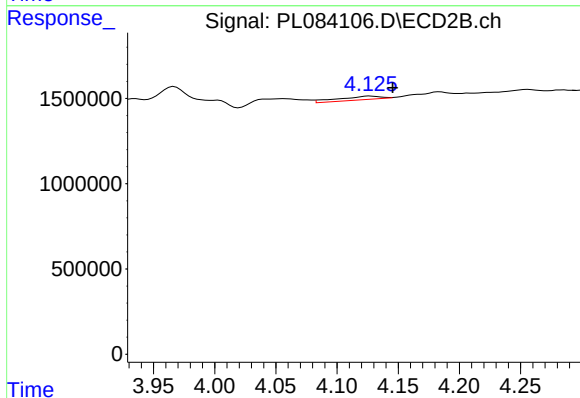
R.T.: 3.879 min  
Delta R.T.: 0.014 min  
Response: 219239  
Conc: 0.19 ng/ml



#5 Aldrin

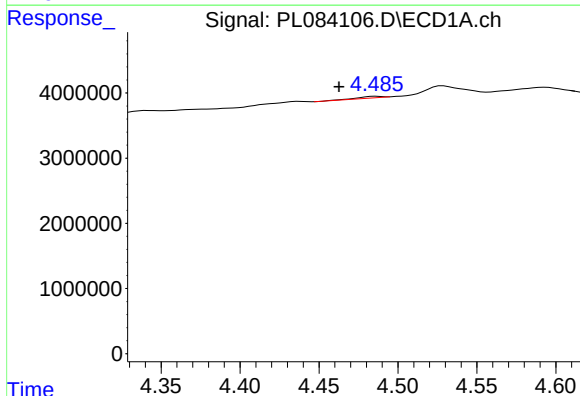
R.T.: 5.192 min  
Delta R.T.: -0.007 min  
Response: 1066568  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



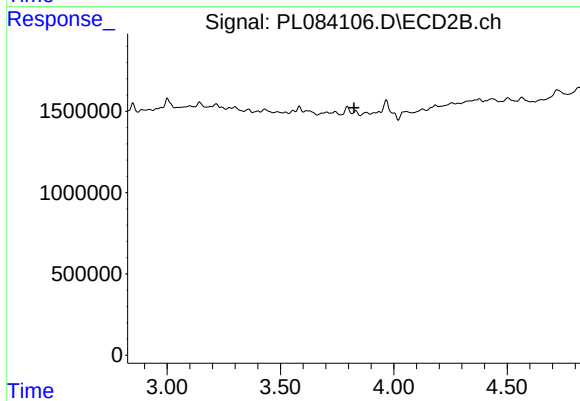
#5 Aldrin

R.T.: 4.127 min  
Delta R.T.: -0.018 min  
Response: 508981  
Conc: 0.34 ng/ml



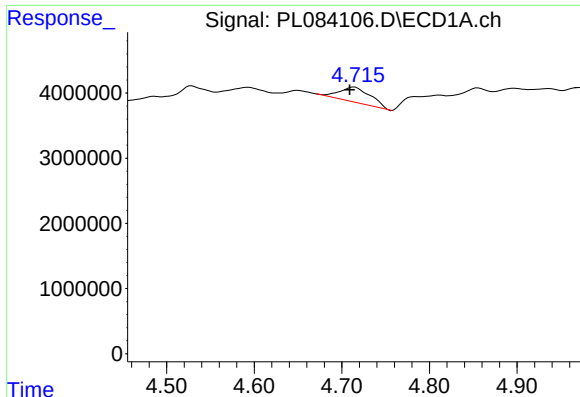
#6 beta-BHC

R.T.: 4.486 min  
Delta R.T.: 0.024 min  
Response: 219788  
Conc: 0.18 ng/ml



#6 beta-BHC

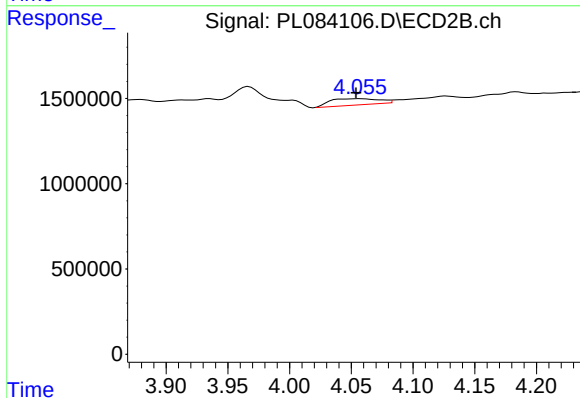
R.T.: 3.833 min  
Delta R.T.: 0.008 min  
Response: -49081  
Conc: N.D.



#7 delta-BHC

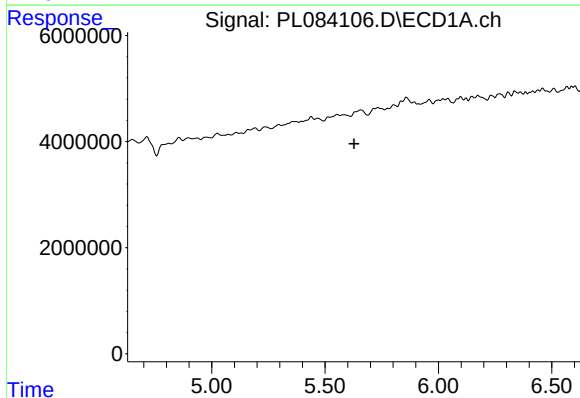
R.T.: 4.714 min  
Delta R.T.: 0.005 min  
Response: 5803805  
Conc: 2.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



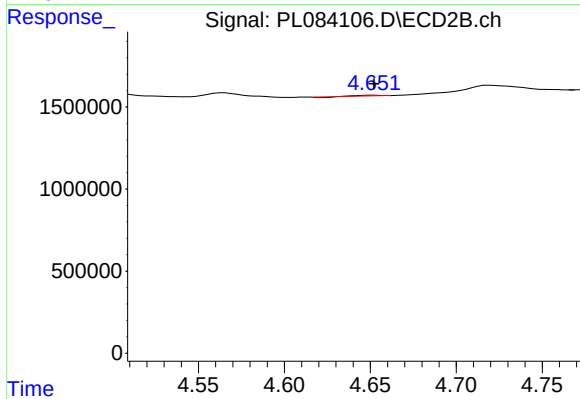
#7 delta-BHC

R.T.: 4.056 min  
Delta R.T.: 0.003 min  
Response: 1027331  
Conc: 0.68 ng/ml



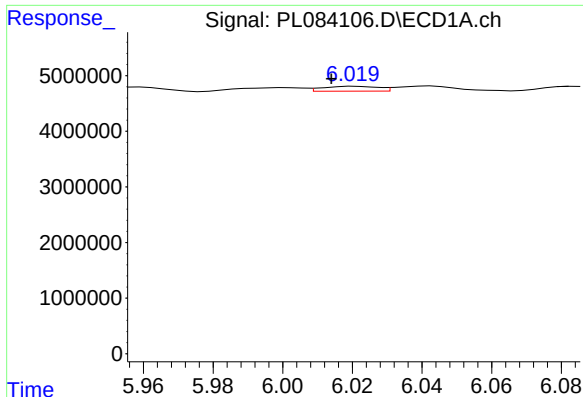
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.628 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

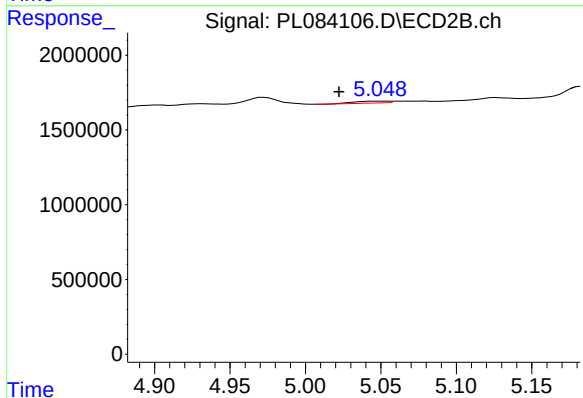
R.T.: 4.652 min  
Delta R.T.: 0.000 min  
Response: 27395  
Conc: 0.02 ng/ml



#9 Endosulfan I

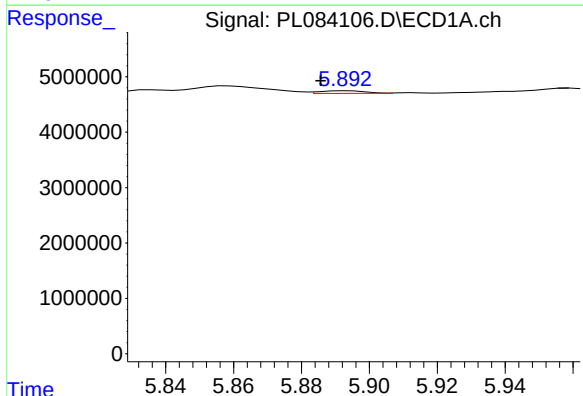
R.T.: 6.021 min  
Delta R.T.: 0.007 min  
Response: 965374  
Conc: 0.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



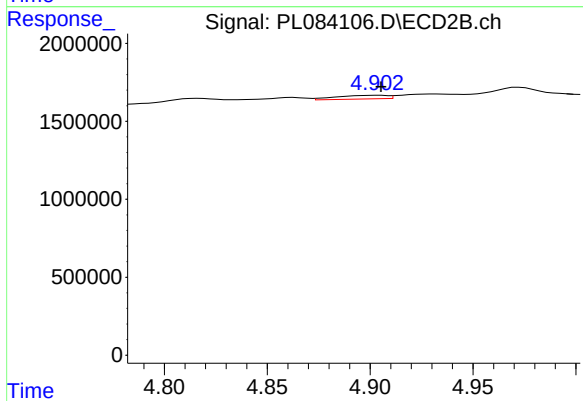
#9 Endosulfan I

R.T.: 5.049 min  
Delta R.T.: 0.027 min  
Response: 202859  
Conc: 0.17 ng/ml



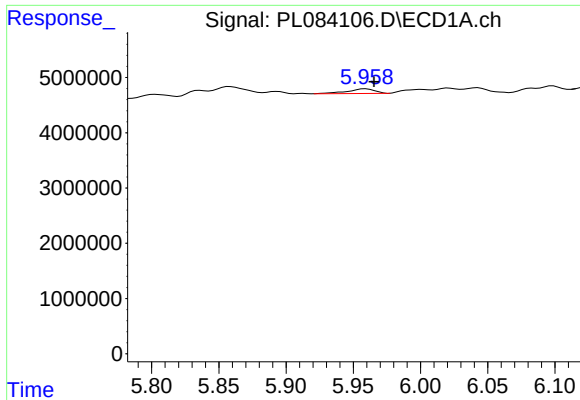
#10 gamma-Chlordane

R.T.: 5.893 min  
Delta R.T.: 0.008 min  
Response: 417814  
Conc: 0.16 ng/ml



#10 gamma-Chlordane

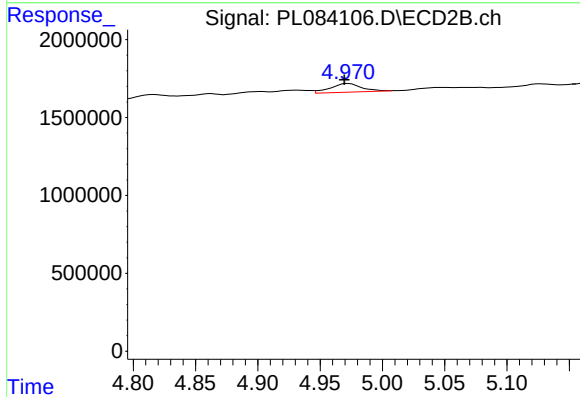
R.T.: 4.903 min  
Delta R.T.: -0.002 min  
Response: 390588  
Conc: 0.29 ng/ml



#11 alpha-Chlordane

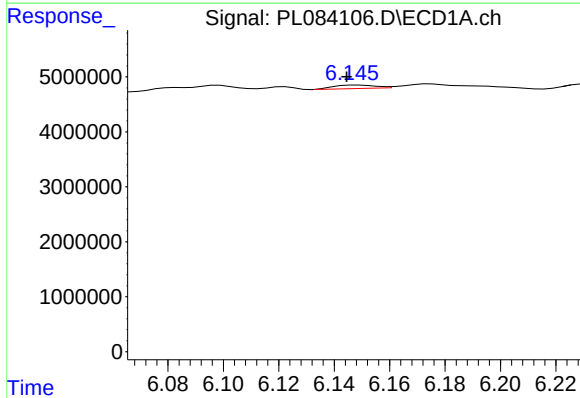
R.T.: 5.959 min  
Delta R.T.: -0.006 min  
Response: 1204631  
Conc: 0.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



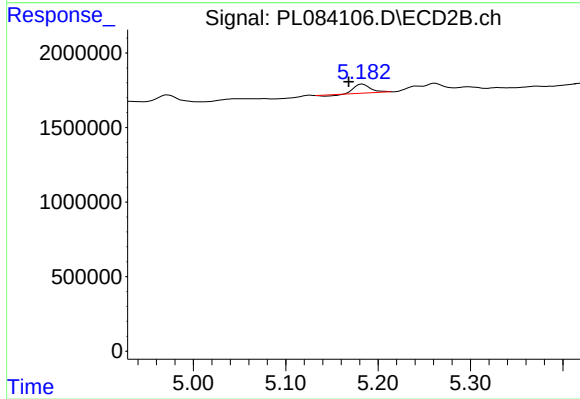
#11 alpha-Chlordane

R.T.: 4.972 min  
Delta R.T.: 0.003 min  
Response: 974995  
Conc: 0.72 ng/ml



#12 4,4'-DDE

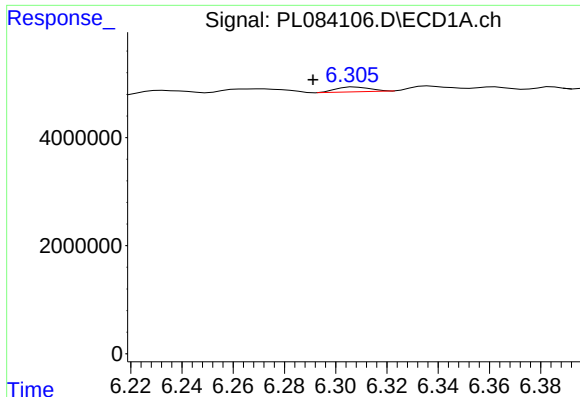
R.T.: 6.148 min  
Delta R.T.: 0.004 min  
Response: 656717  
Conc: 0.33 ng/ml



#12 4,4'-DDE

R.T.: 5.183 min  
Delta R.T.: 0.015 min  
Response: 707043  
Conc: 0.58 ng/ml

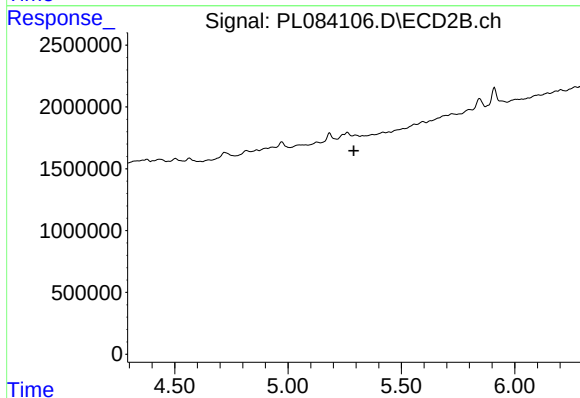




#13 Dieldrin

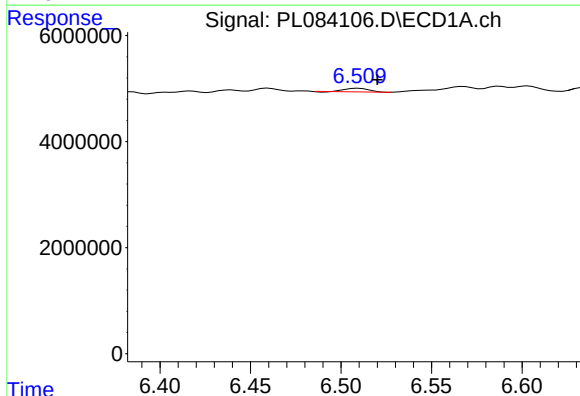
R.T.: 6.308 min  
Delta R.T.: 0.016 min  
Response: 830301  
Conc: 0.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



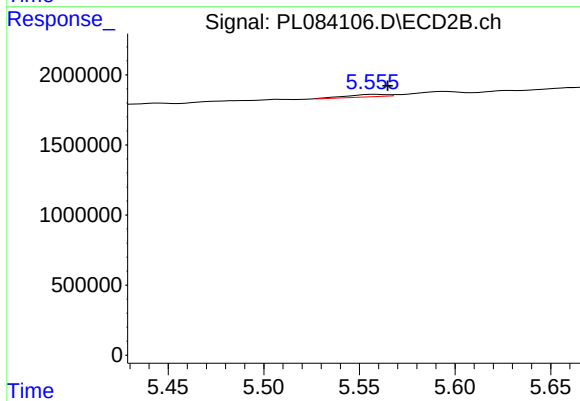
#13 Dieldrin

R.T.: 5.297 min  
Delta R.T.: 0.008 min  
Response: -124200  
Conc: N.D.



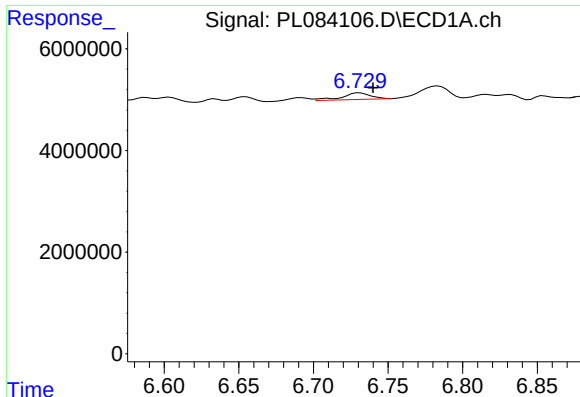
#14 Endrin

R.T.: 6.510 min  
Delta R.T.: -0.010 min  
Response: 625385  
Conc: 0.33 ng/ml



#14 Endrin

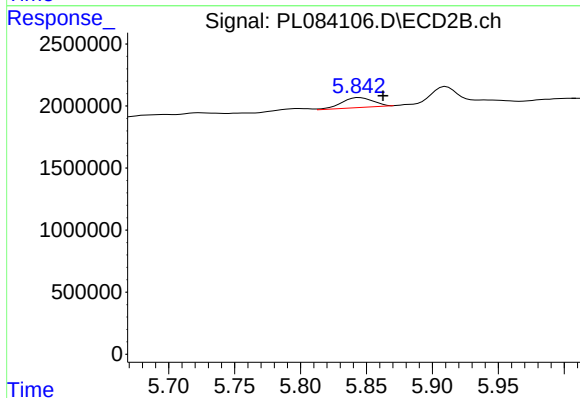
R.T.: 5.558 min  
Delta R.T.: -0.007 min  
Response: 247121  
Conc: 0.22 ng/ml



#15 Endosulfan II

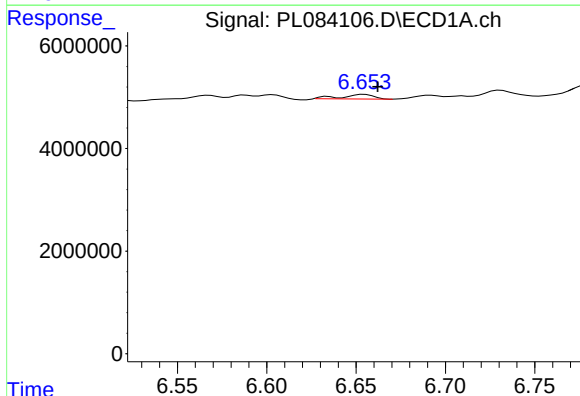
R.T.: 6.731 min  
Delta R.T.: -0.009 min  
Response: 1707419  
Conc: 0.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



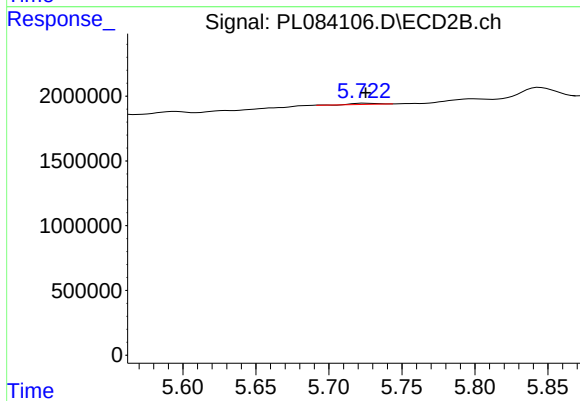
#15 Endosulfan II

R.T.: 5.845 min  
Delta R.T.: -0.018 min  
Response: 1323536  
Conc: 1.15 ng/ml



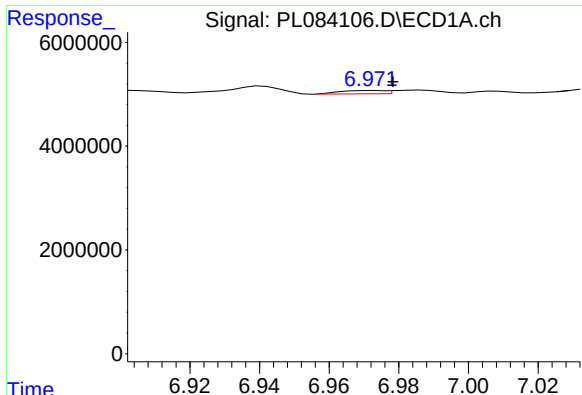
#16 4,4'-DDD

R.T.: 6.655 min  
Delta R.T.: -0.008 min  
Response: 1070381  
Conc: 0.73 ng/ml



#16 4,4'-DDD

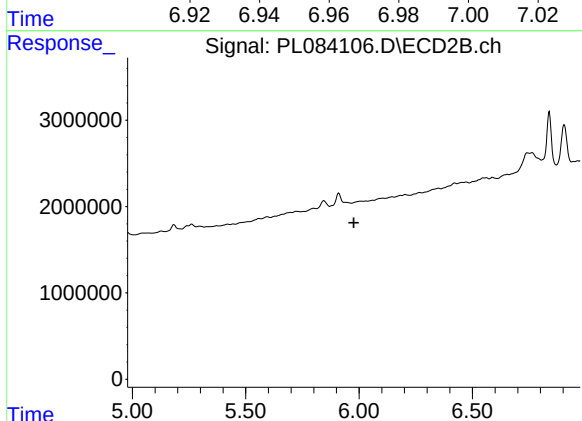
R.T.: 5.724 min  
Delta R.T.: -0.001 min  
Response: 103987  
Conc: 0.11 ng/ml



#17 4,4'-DDT

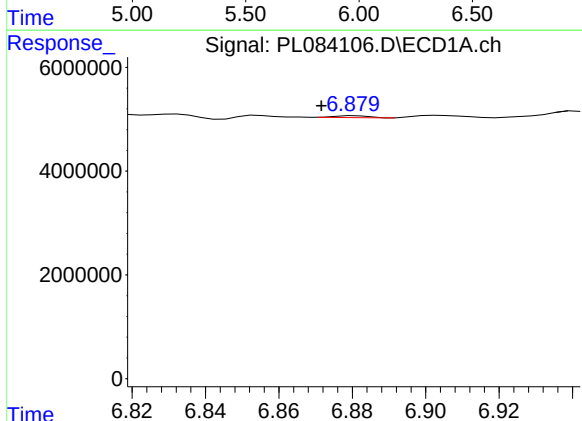
R.T.: 6.972 min  
Delta R.T.: -0.006 min  
Response: 561613  
Conc: 0.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



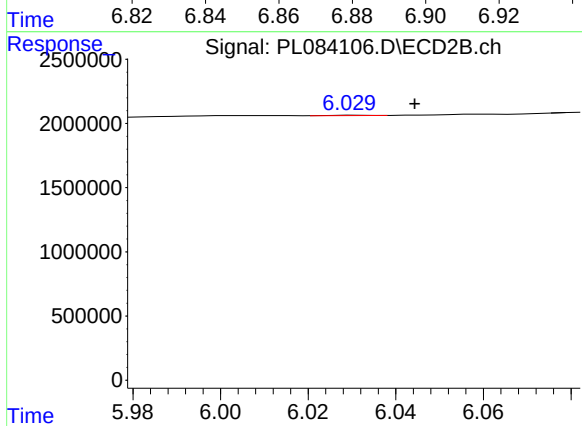
#17 4,4'-DDT

R.T.: 6.004 min  
Delta R.T.: 0.027 min  
Response: -150978  
Conc: N.D.



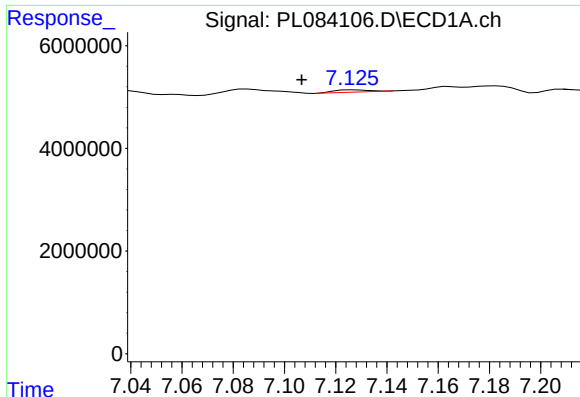
#18 Endrin aldehyde

R.T.: 6.881 min  
Delta R.T.: 0.009 min  
Response: 222172  
Conc: 0.15 ng/ml



#18 Endrin aldehyde

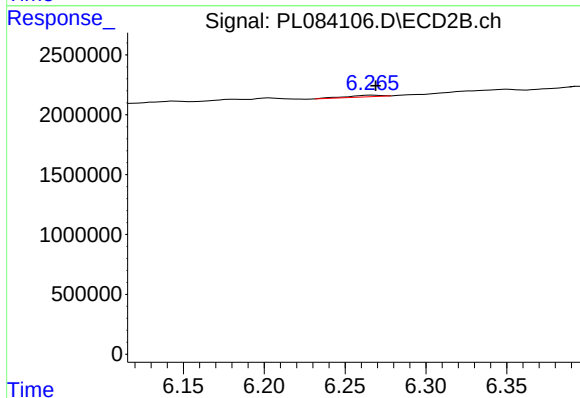
R.T.: 6.031 min  
Delta R.T.: -0.013 min  
Response: 14252  
Conc: 0.02 ng/ml



#19 Endosulfan Sulfate

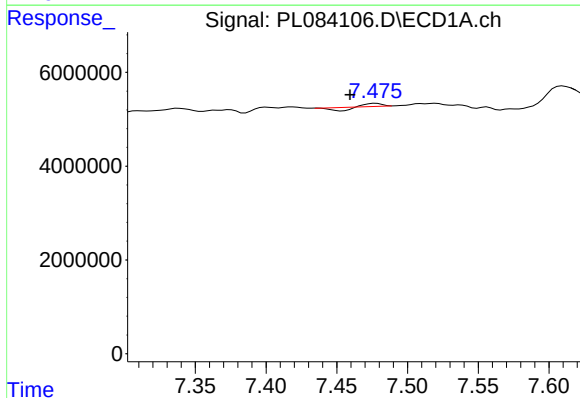
R.T.: 7.127 min  
Delta R.T.: 0.020 min  
Response: 483300  
Conc: 0.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



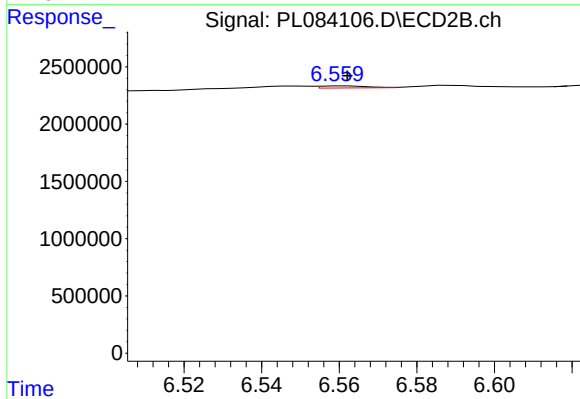
#19 Endosulfan Sulfate

R.T.: 6.267 min  
Delta R.T.: -0.002 min  
Response: 187995  
Conc: 0.17 ng/ml



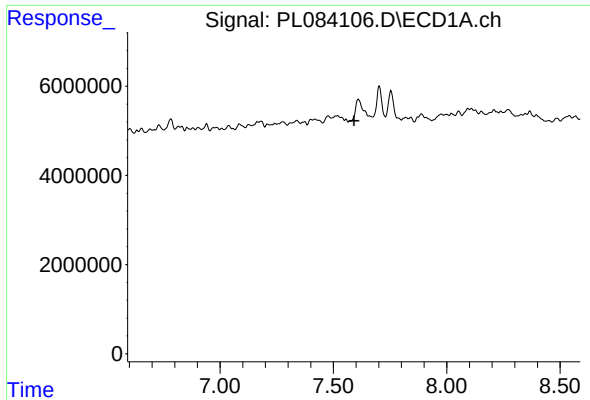
#20 Methoxychlor

R.T.: 7.478 min  
Delta R.T.: 0.018 min  
Response: 42198  
Conc: 0.05 ng/ml



#20 Methoxychlor

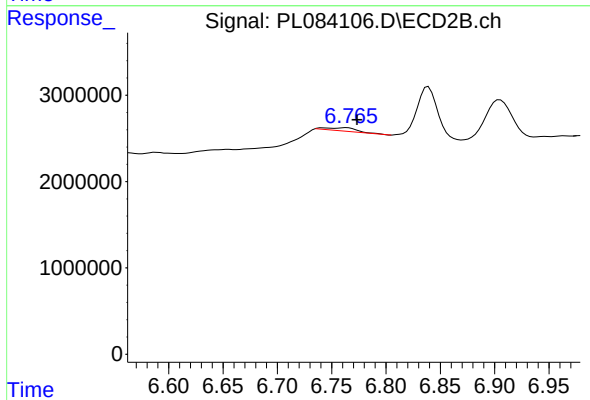
R.T.: 6.561 min  
Delta R.T.: 0.000 min  
Response: 161600  
Conc: 0.34 ng/ml



#21 Endrin ketone

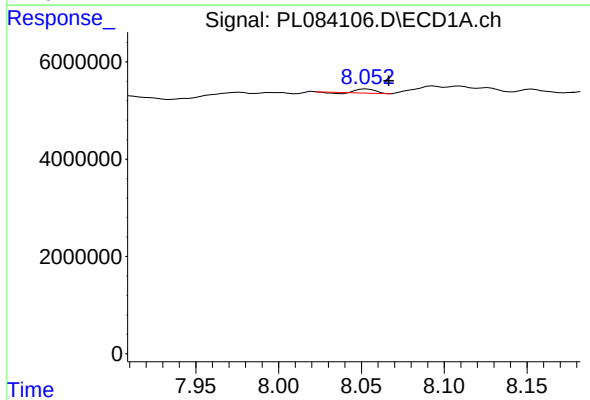
R.T.: 7.575 min  
Delta R.T.: -0.017 min  
Response: -261930  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



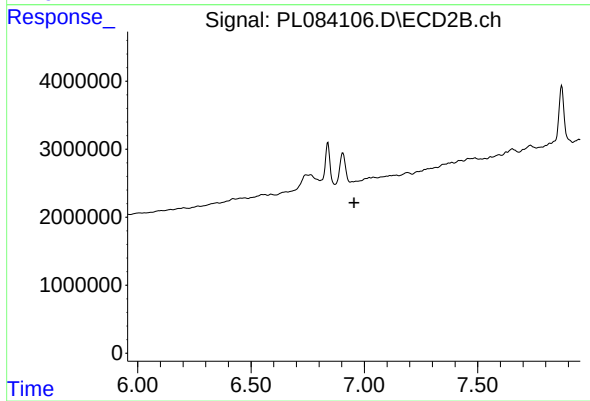
#21 Endrin ketone

R.T.: 6.764 min  
Delta R.T.: -0.010 min  
Response: 691589  
Conc: 0.54 ng/ml



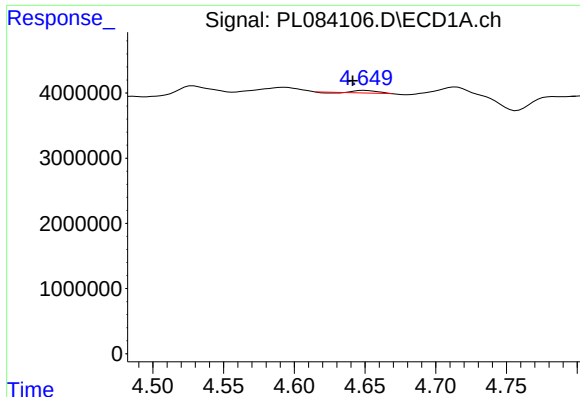
#22 Mirex

R.T.: 8.053 min  
Delta R.T.: -0.013 min  
Response: 578189  
Conc: 0.40 ng/ml



#22 Mirex

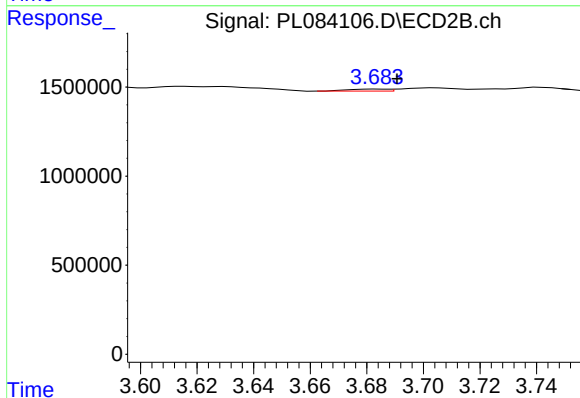
R.T.: 6.947 min  
Delta R.T.: -0.008 min  
Response: -486650  
Conc: N.D.



#23 Chlordane-1

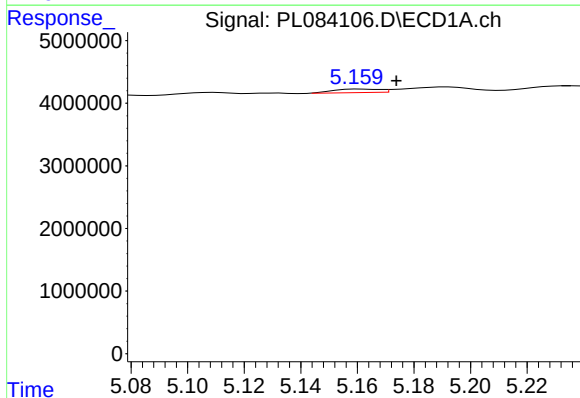
R.T.: 4.650 min  
Delta R.T.: 0.009 min  
Response: 407185  
Conc: 0.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



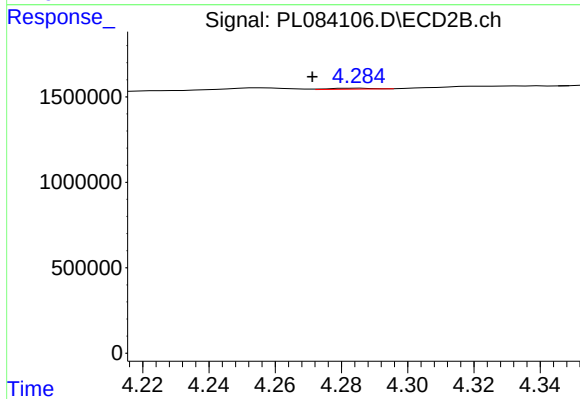
#23 Chlordane-1

R.T.: 3.684 min  
Delta R.T.: -0.006 min  
Response: 114909  
Conc: 0.29 ng/ml



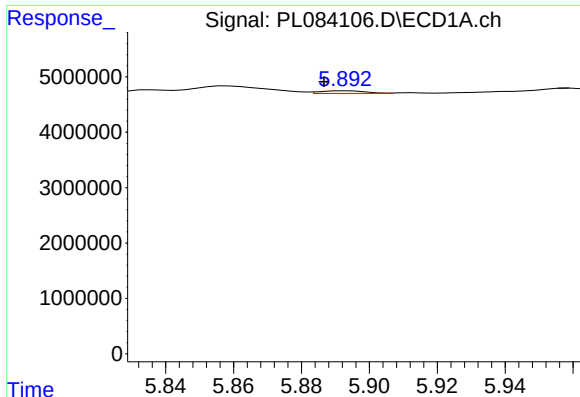
#24 Chlordane-2

R.T.: 5.161 min  
Delta R.T.: -0.013 min  
Response: 644456  
Conc: 0.81 ng/ml



#24 Chlordane-2

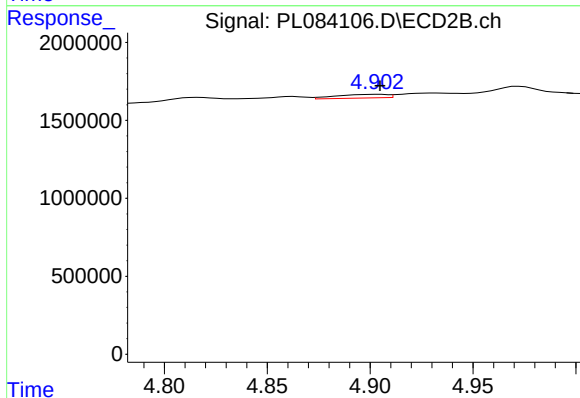
R.T.: 4.285 min  
Delta R.T.: 0.014 min  
Response: 48128  
Conc: 0.11 ng/ml



#25 Chlordane-3

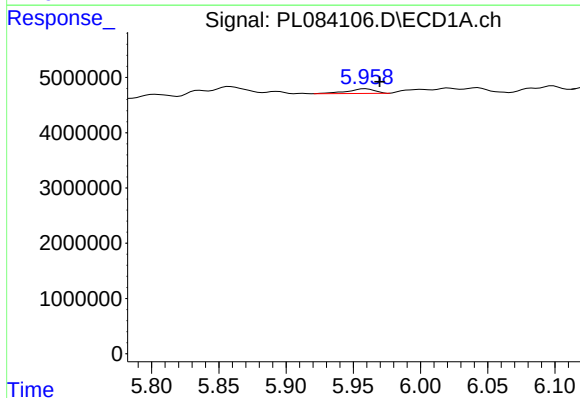
R.T.: 5.893 min  
Delta R.T.: 0.007 min  
Response: 417814  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



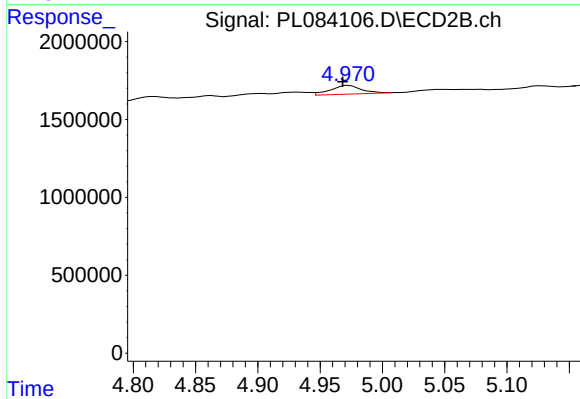
#25 Chlordane-3

R.T.: 4.903 min  
Delta R.T.: -0.001 min  
Response: 390588  
Conc: 0.28 ng/ml



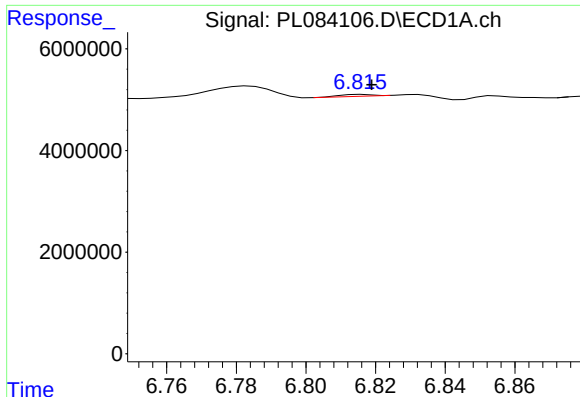
#26 Chlordane-4

R.T.: 5.959 min  
Delta R.T.: -0.010 min  
Response: 1204631  
Conc: 0.30 ng/ml



#26 Chlordane-4

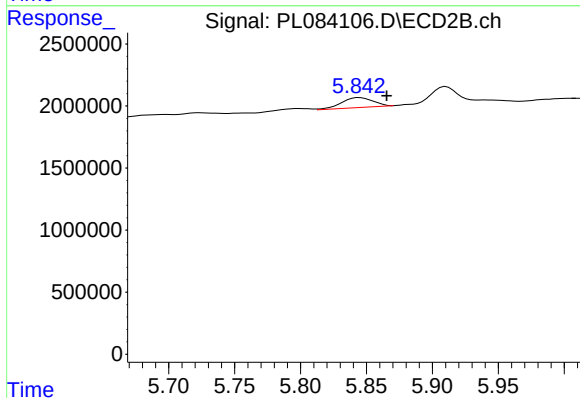
R.T.: 4.972 min  
Delta R.T.: 0.004 min  
Response: 974995  
Conc: 0.68 ng/ml



#27 Chlordane-5

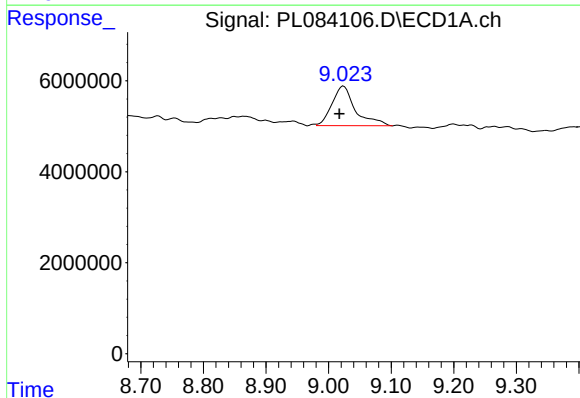
R.T.: 6.816 min  
Delta R.T.: -0.003 min  
Response: 238021  
Conc: 0.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



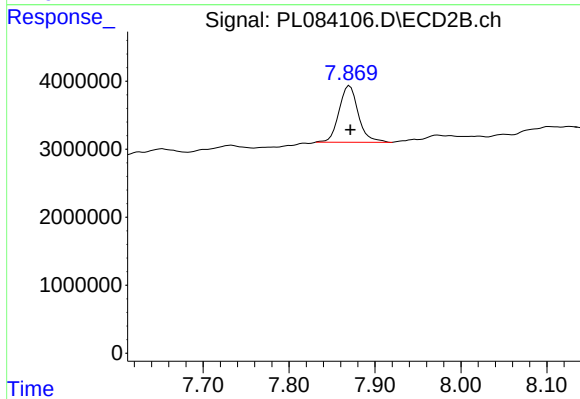
#27 Chlordane-5

R.T.: 5.845 min  
Delta R.T.: -0.021 min  
Response: 1323536  
Conc: 2.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min  
Delta R.T.: 0.007 min  
Response: 22696590  
Conc: 17.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.871 min  
Delta R.T.: -0.001 min  
Response: 12965020  
Conc: 11.67 ng/ml