

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101223\  
 Data File : PL085884.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Oct 2023 17:03  
 Operator : AR\AJ  
 Sample : 04844-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 12 21:16:01 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 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... | 3.356  | 2.622  | 57017109 | 17800782 | 19.171 | 19.056   |
| 28)                         | SA Decachlor... | 8.859  | 7.775  | 48684600 | 21116459 | 22.352 | 22.878   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.150f | 0        | 30062    | N.D.   | 0.024 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.449  | 0        | 1419335  | N.D.   | 1.151 #  |
| 4)                          | MA Heptachlor   | 4.718  | 3.793  | 813506   | 370754   | 0.210  | 0.319 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.049  | 0        | 6369091  | N.D.   | 5.696 #  |
| 6)                          | B beta-BHC      | 4.331f | 3.742  | 8043111  | 214547   | 4.864  | 0.412 #  |
| 7)                          | B delta-BHC     | 0.000  | 3.962  | 0        | 556604   | N.D.   | 0.484 #  |
| 8)                          | B Heptachlo...  | 0.000  | 4.570  | 0        | 488927   | N.D.   | 0.487 #  |
| 9)                          | A Endosulfan I  | 5.868f | 4.958f | 1927232  | 2371302  | 0.596  | 2.211 #  |
| 10)                         | B gamma-Chl...  | 5.735f | 0.000  | 5065419  | 0        | 1.481  | N.D. #   |
| 11)                         | B alpha-Chl...  | 5.850  | 4.892  | 1848237  | 457766   | 0.541  | 0.420    |
| 13)                         | MA Dieldrin     | 6.153  | 5.209  | 610971   | 1067231  | 0.186  | 1.100 #  |
| 14)                         | MA Endrin       | 0.000  | 5.471  | 0        | 142031   | N.D.   | 0.158 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.757  | 0        | 1245226  | N.D.   | 1.309 #  |
| 16)                         | A 4,4'-DDD      | 6.518f | 5.620f | 590506   | 218658   | 0.293  | 0.314    |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.863f | 0        | 84637    | N.D.   | 0.107 #  |
| 18)                         | B Endrin al...  | 0.000  | 5.957  | 0        | 1137168  | N.D.   | 1.525 #  |
| 20)                         | A Methoxychlor  | 7.329  | 6.482  | 3488589  | 1792282  | 2.498  | 3.407 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.667  | 0        | 82247    | N.D.   | 0.072 #  |
| 22)                         | Mirex           | 7.914f | 6.862  | 587061   | 186884   | 0.265  | 0.198 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.638f | 0        | 3004329  | N.D.   | 92.161 # |
| 24)                         | Chlordane-2     | 5.032f | 4.175f | 2661717  | 1276127  | 20.468 | 32.794 # |
| 25)                         | Chlordane-3     | 5.735f | 0.000  | 5065419  | 0        | 9.928  | N.D. #   |
| 26)                         | Chlordane-4     | 5.850  | 4.892  | 1848237  | 457766   | 2.913  | 3.954 #  |
| 27)                         | Chlordane-5     | 6.668f | 0.000  | 1848794  | 0        | 18.021 | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

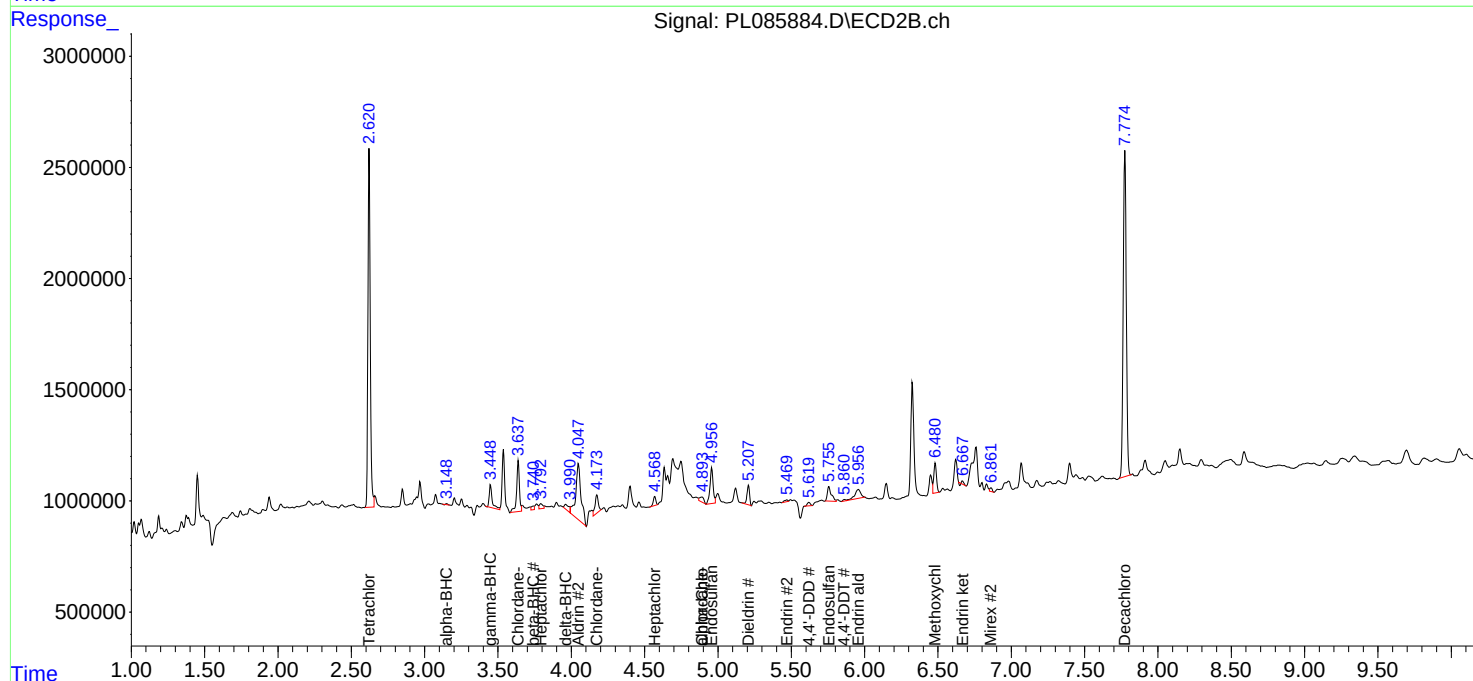
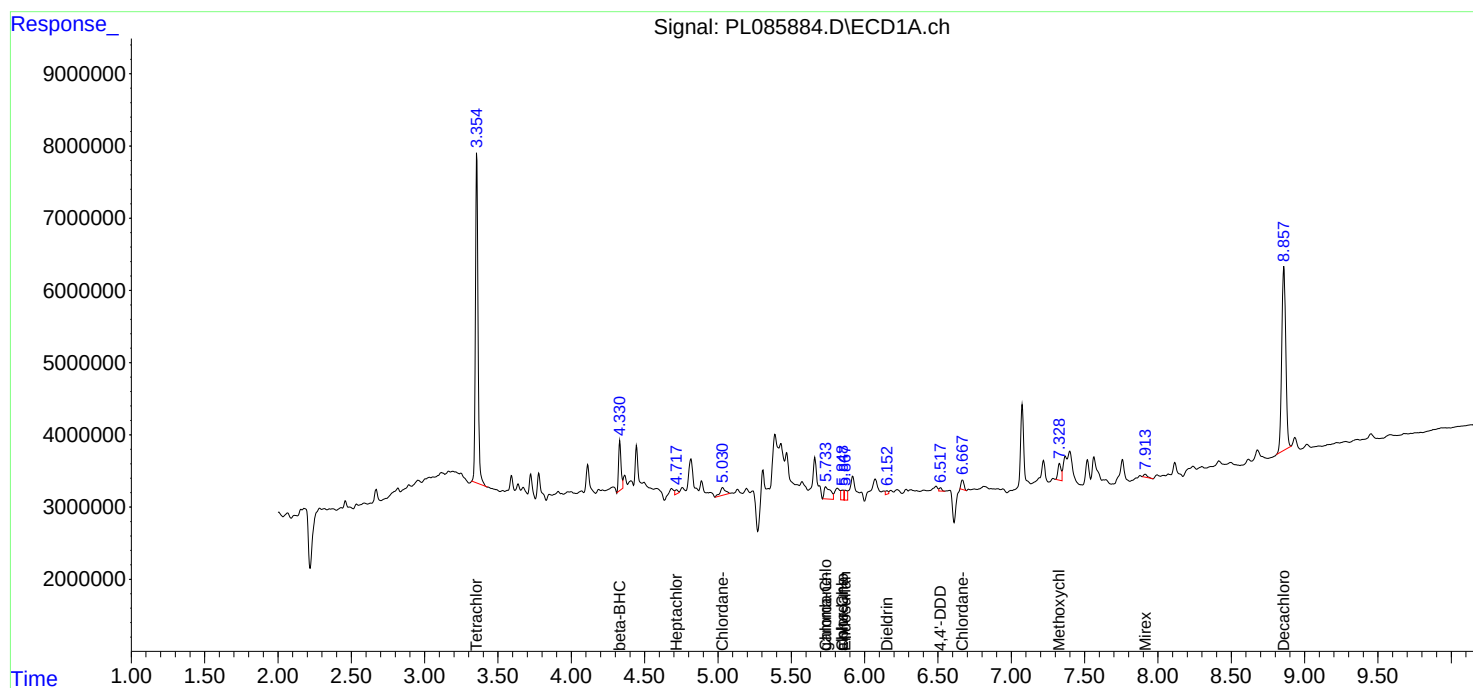
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

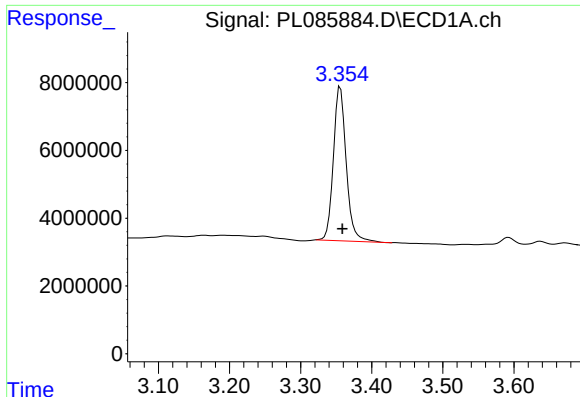
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101223\  
Data File : PL085884.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Oct 2023 17:03  
Operator : AR\AJ  
Sample : 04844-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 12 21:16:01 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 04 05:29:39 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

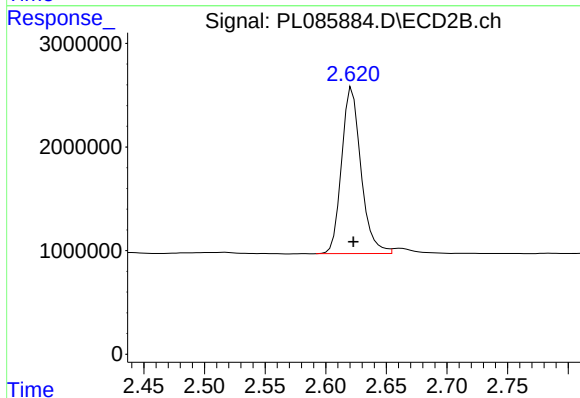




#1 Tetrachloro-m-xylene

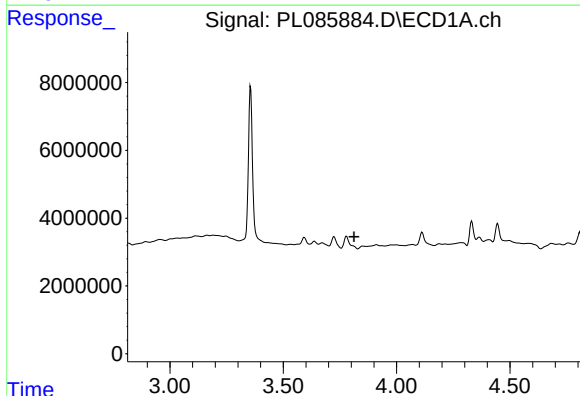
R.T.: 3.356 min  
Delta R.T.: -0.003 min  
Response: 57017109  
Conc: 19.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



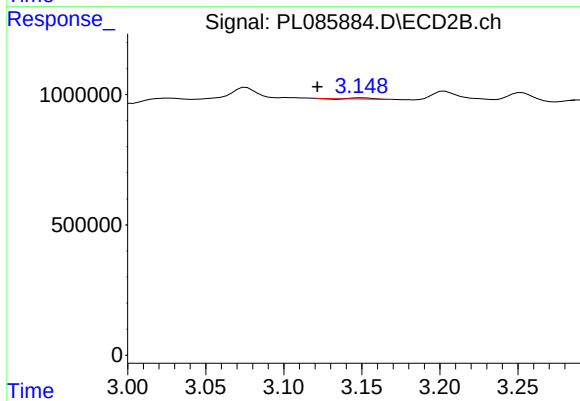
#1 Tetrachloro-m-xylene

R.T.: 2.622 min  
Delta R.T.: -0.001 min  
Response: 17800782  
Conc: 19.06 ng/ml



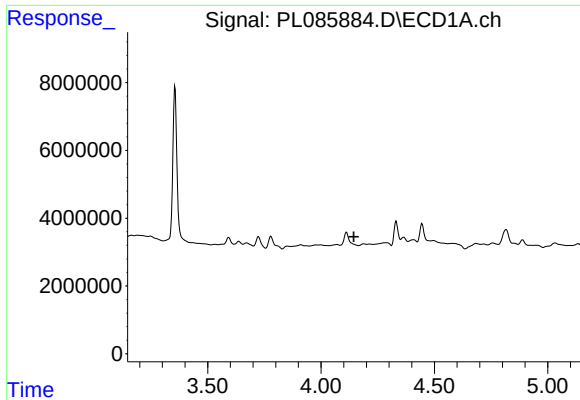
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.813 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

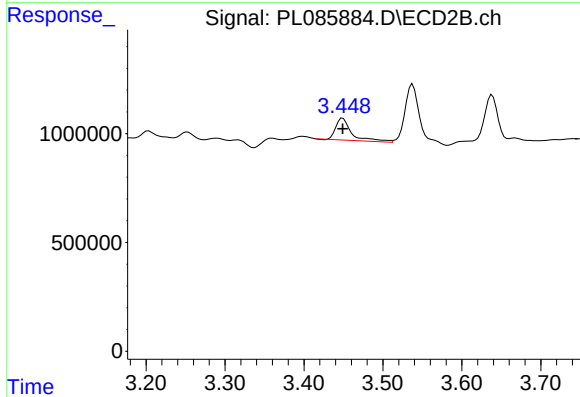
R.T.: 3.150 min  
Delta R.T.: 0.028 min  
Response: 30062  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

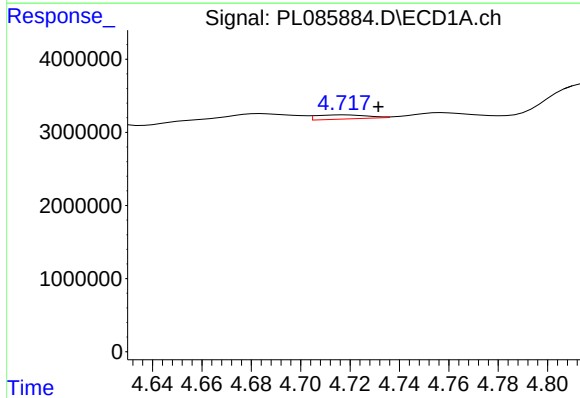
R.T.: 0.000 min  
Exp R.T.: 4.145 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



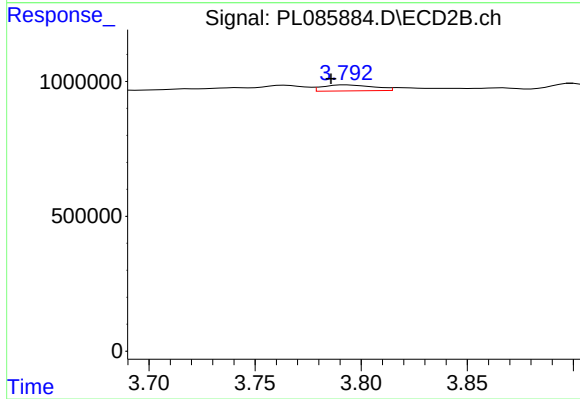
#3 gamma-BHC (Lindane)

R.T.: 3.449 min  
Delta R.T.: 0.000 min  
Response: 1419335  
Conc: 1.15 ng/ml



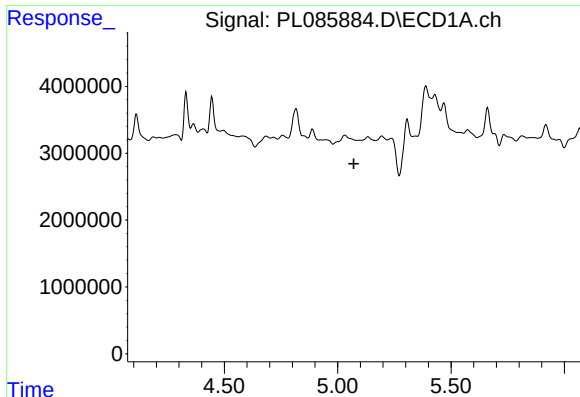
#4 Heptachlor

R.T.: 4.718 min  
Delta R.T.: -0.013 min  
Response: 813506  
Conc: 0.21 ng/ml



#4 Heptachlor

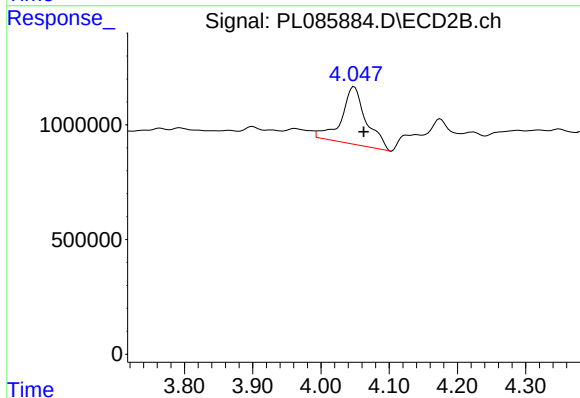
R.T.: 3.793 min  
Delta R.T.: 0.007 min  
Response: 370754  
Conc: 0.32 ng/ml



#5 Aldrin

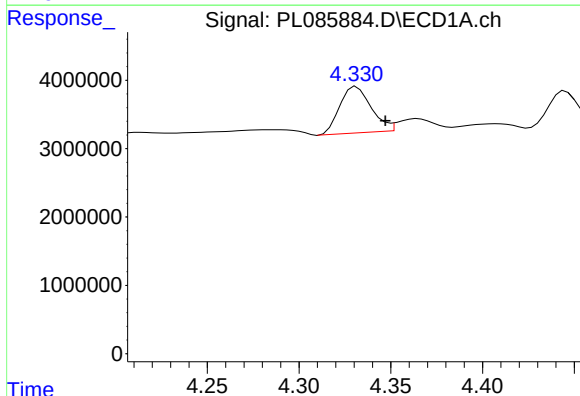
R.T.: 0.000 min  
Exp R.T.: 5.072 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



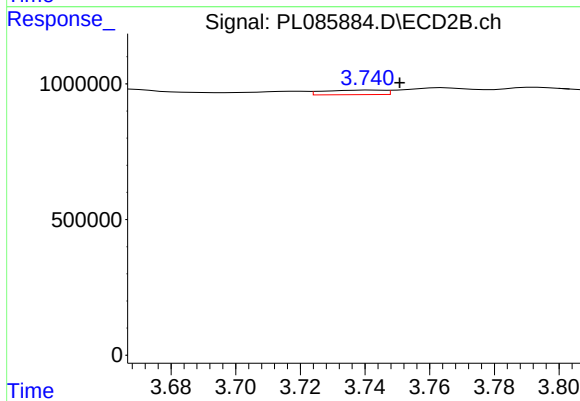
#5 Aldrin

R.T.: 4.049 min  
Delta R.T.: -0.014 min  
Response: 6369091  
Conc: 5.70 ng/ml



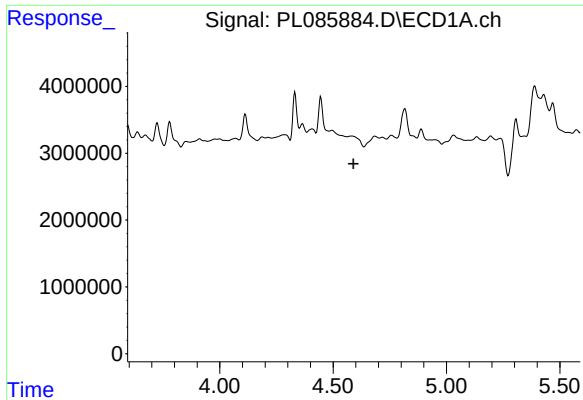
#6 beta-BHC

R.T.: 4.331 min  
Delta R.T.: -0.016 min  
Response: 8043111  
Conc: 4.86 ng/ml



#6 beta-BHC

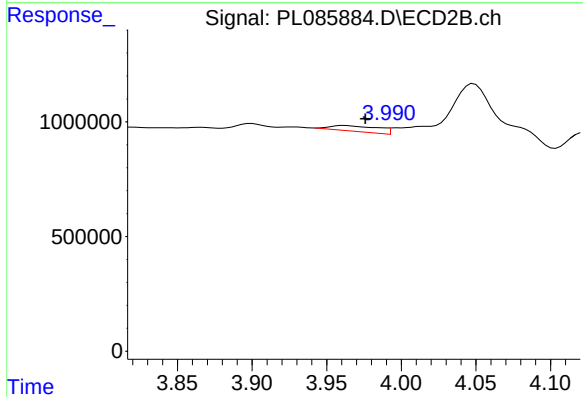
R.T.: 3.742 min  
Delta R.T.: -0.009 min  
Response: 214547  
Conc: 0.41 ng/ml



#7 delta-BHC

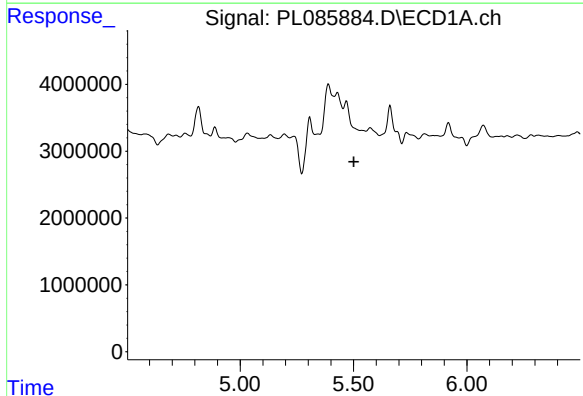
R.T.: 0.000 min  
Exp R.T.: 4.590 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



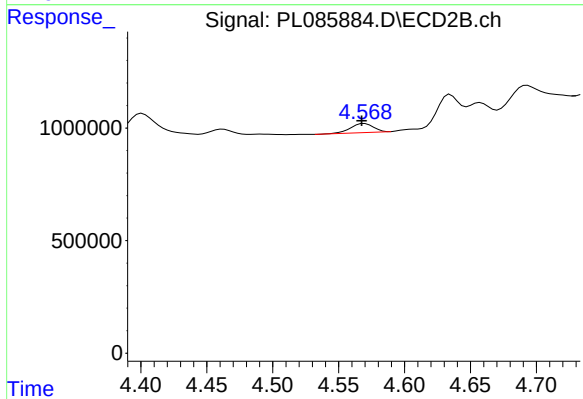
#7 delta-BHC

R.T.: 3.962 min  
Delta R.T.: -0.014 min  
Response: 556604  
Conc: 0.48 ng/ml



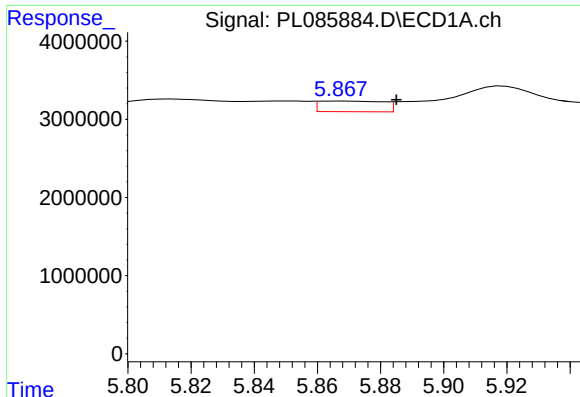
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.501 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

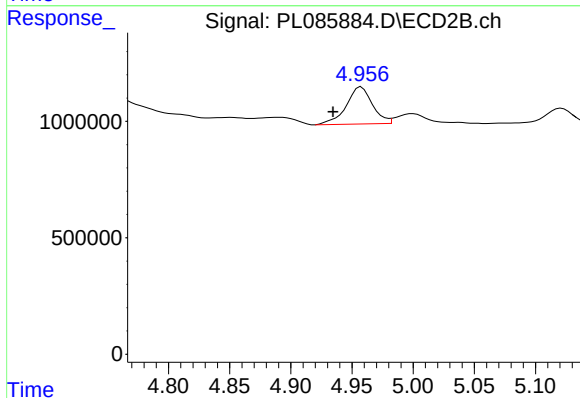
R.T.: 4.570 min  
Delta R.T.: 0.002 min  
Response: 488927  
Conc: 0.49 ng/ml



#9 Endosulfan I

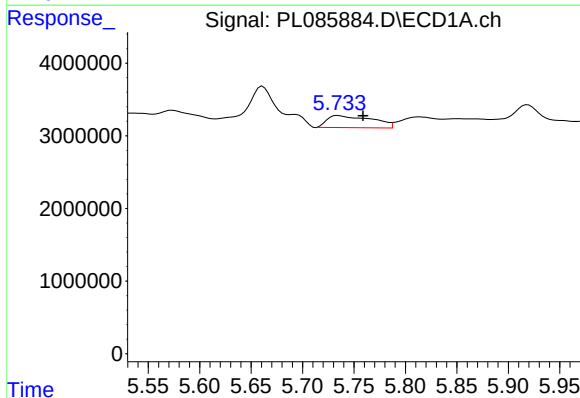
R.T.: 5.868 min  
Delta R.T.: -0.017 min  
Response: 1927232  
Conc: 0.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



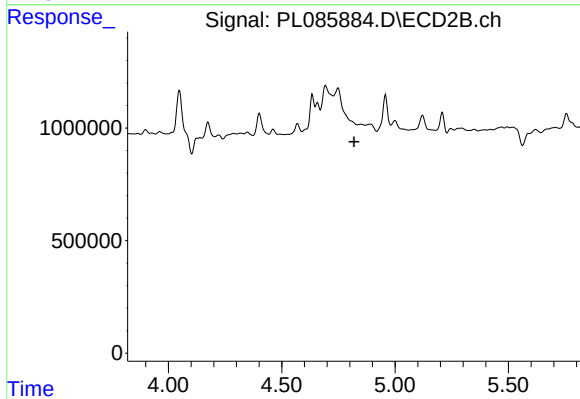
#9 Endosulfan I

R.T.: 4.958 min  
Delta R.T.: 0.023 min  
Response: 2371302  
Conc: 2.21 ng/ml



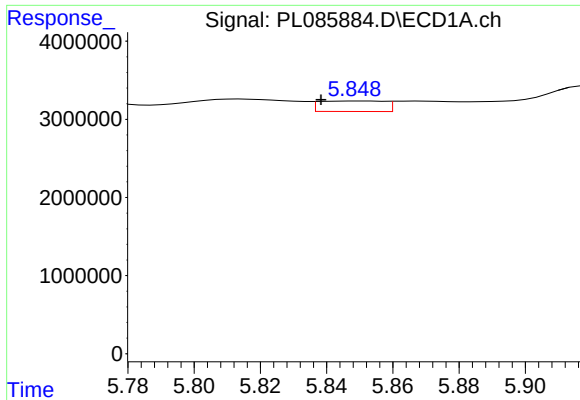
#10 gamma-Chlordane

R.T.: 5.735 min  
Delta R.T.: -0.024 min  
Response: 5065419  
Conc: 1.48 ng/ml



#10 gamma-Chlordane

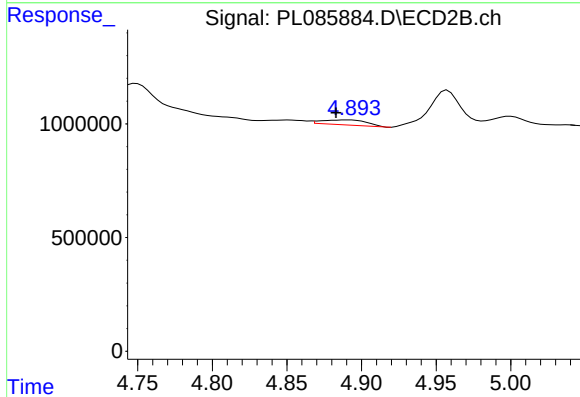
R.T.: 0.000 min  
Exp R.T.: 4.819 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

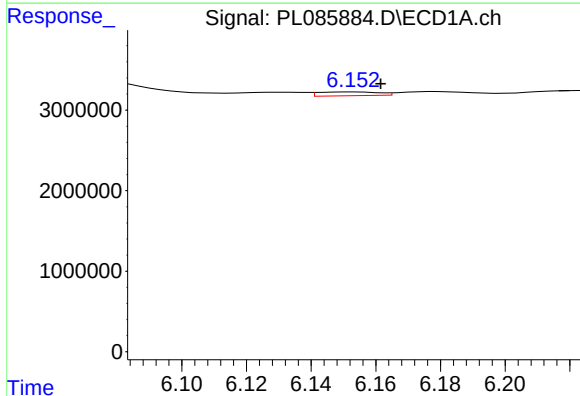
R.T.: 5.850 min  
Delta R.T.: 0.012 min  
Response: 1848237  
Conc: 0.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



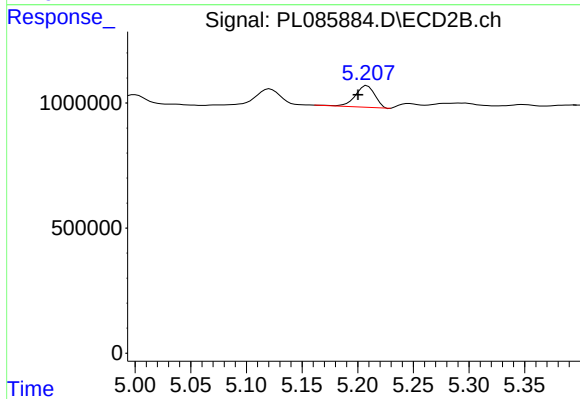
#11 alpha-Chlordane

R.T.: 4.892 min  
Delta R.T.: 0.009 min  
Response: 457766  
Conc: 0.42 ng/ml



#13 Dieldrin

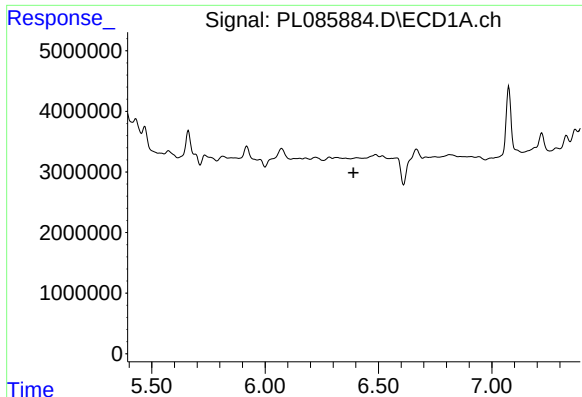
R.T.: 6.153 min  
Delta R.T.: -0.008 min  
Response: 610971  
Conc: 0.19 ng/ml



#13 Dieldrin

R.T.: 5.209 min  
Delta R.T.: 0.008 min  
Response: 1067231  
Conc: 1.10 ng/ml

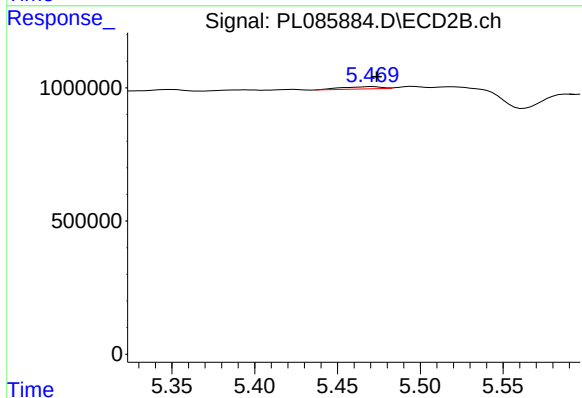




#14 Endrin

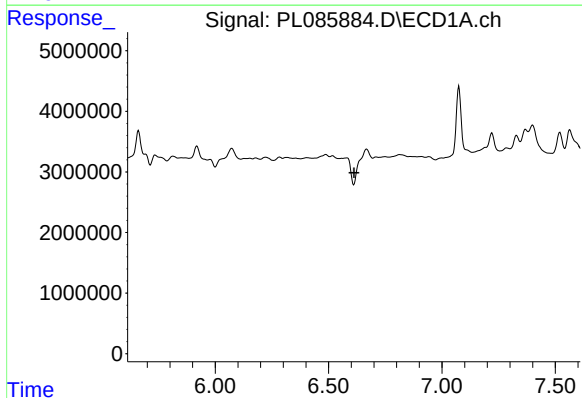
R.T.: 0.000 min  
Exp R.T.: 6.390 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



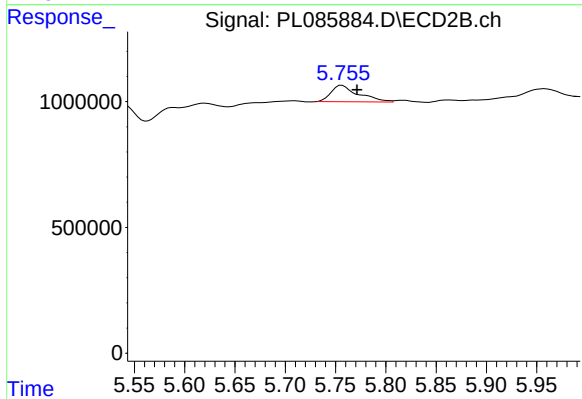
#14 Endrin

R.T.: 5.471 min  
Delta R.T.: -0.003 min  
Response: 142031  
Conc: 0.16 ng/ml



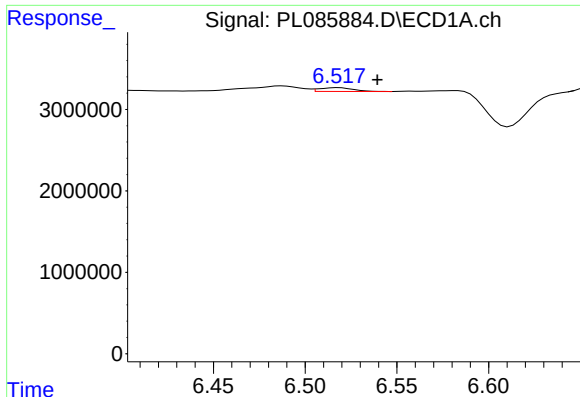
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.612 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

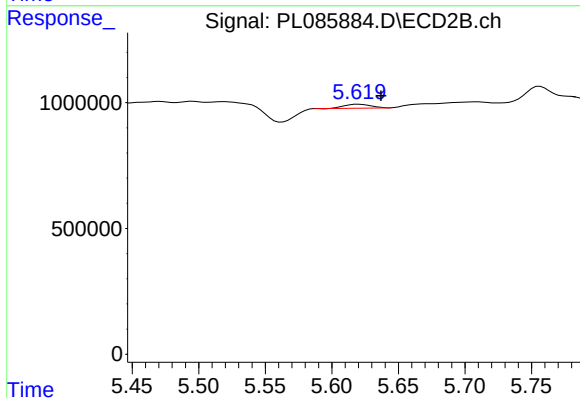
R.T.: 5.757 min  
Delta R.T.: -0.015 min  
Response: 1245226  
Conc: 1.31 ng/ml



#16 4,4'-DDD

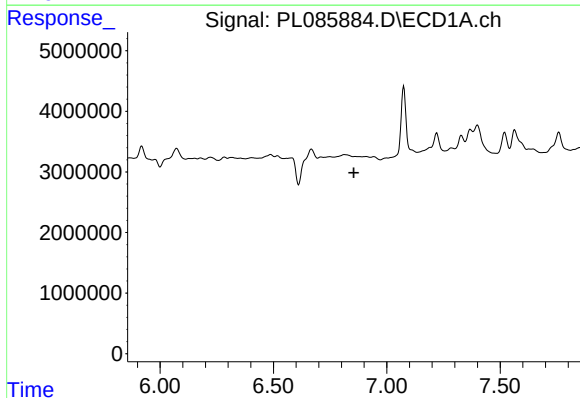
R.T.: 6.518 min  
Delta R.T.: -0.021 min  
Response: 590506  
Conc: 0.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



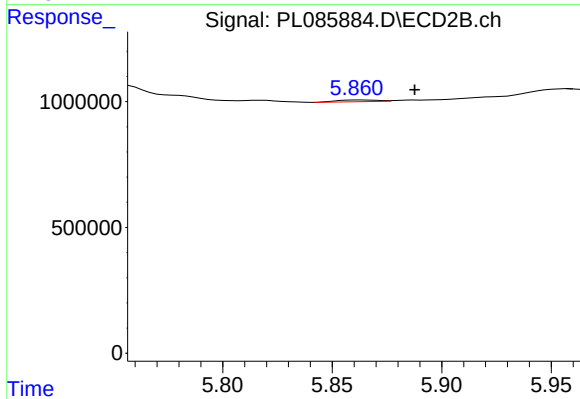
#16 4,4'-DDD

R.T.: 5.620 min  
Delta R.T.: -0.017 min  
Response: 218658  
Conc: 0.31 ng/ml



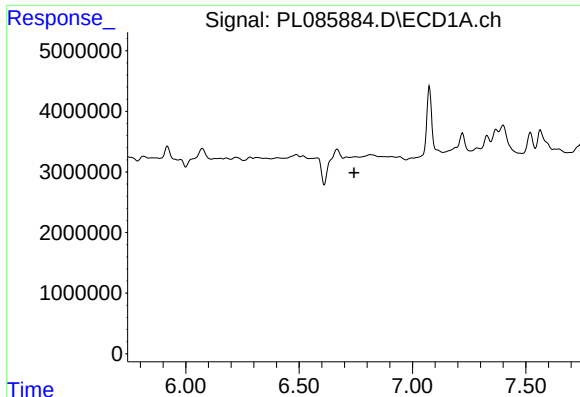
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.854 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

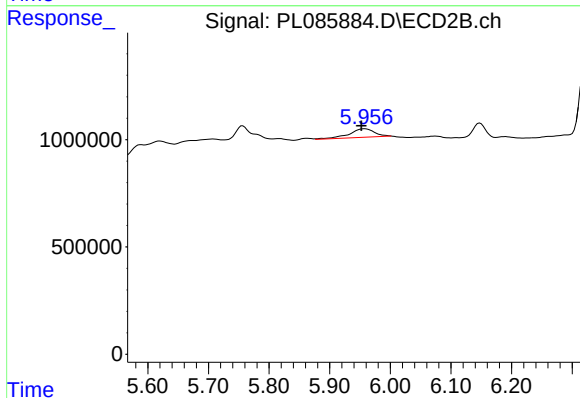
R.T.: 5.863 min  
Delta R.T.: -0.025 min  
Response: 84637  
Conc: 0.11 ng/ml



#18 Endrin aldehyde

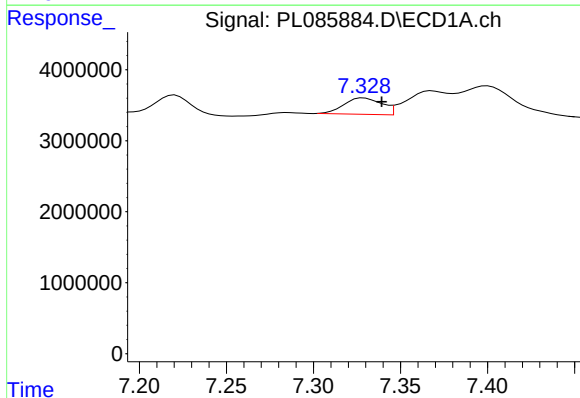
R.T.: 0.000 min  
Exp R.T.: 6.743 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



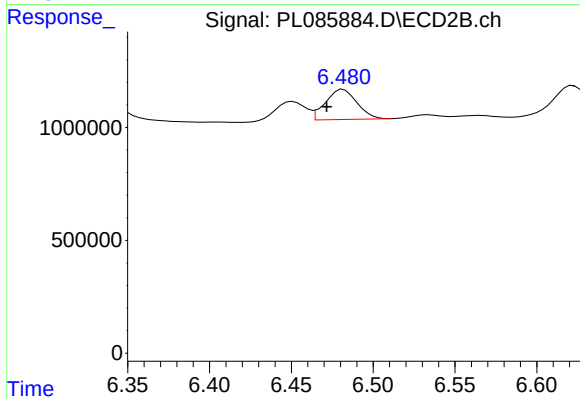
#18 Endrin aldehyde

R.T.: 5.957 min  
Delta R.T.: 0.005 min  
Response: 1137168  
Conc: 1.52 ng/ml



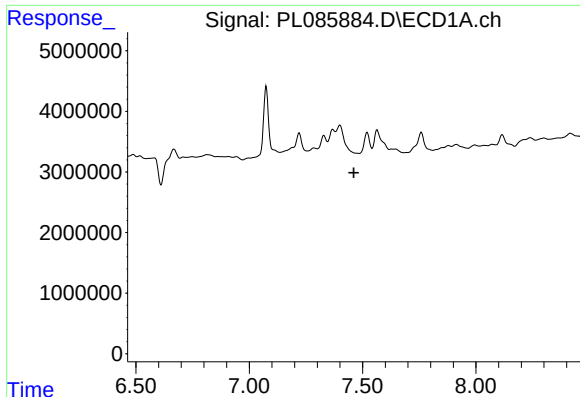
#20 Methoxychlor

R.T.: 7.329 min  
Delta R.T.: -0.010 min  
Response: 3488589  
Conc: 2.50 ng/ml



#20 Methoxychlor

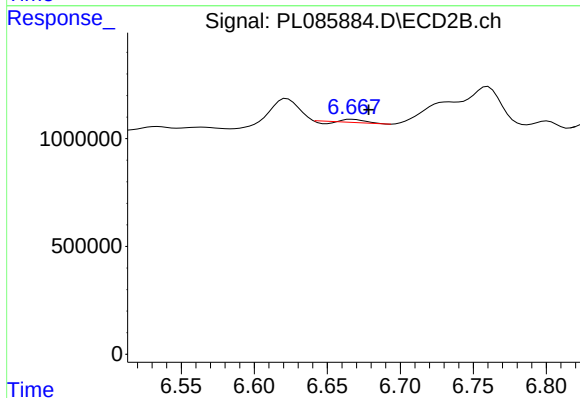
R.T.: 6.482 min  
Delta R.T.: 0.010 min  
Response: 1792282  
Conc: 3.41 ng/ml



#21 Endrin ketone

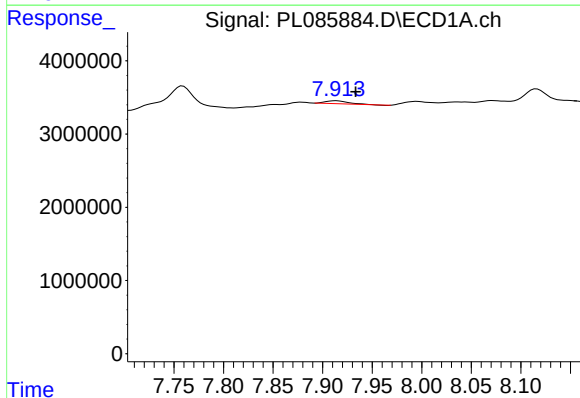
R.T.: 0.000 min  
Exp R.T.: 7.462 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



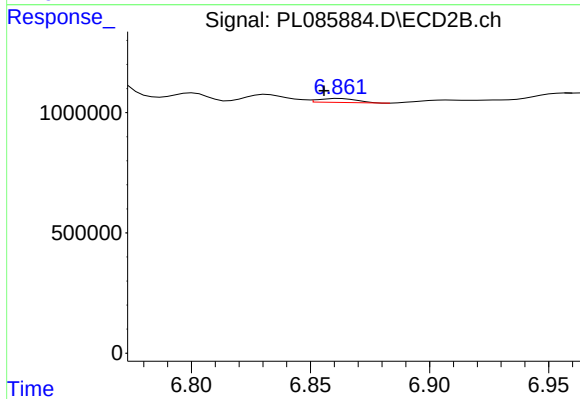
#21 Endrin ketone

R.T.: 6.667 min  
Delta R.T.: -0.011 min  
Response: 82247  
Conc: 0.07 ng/ml



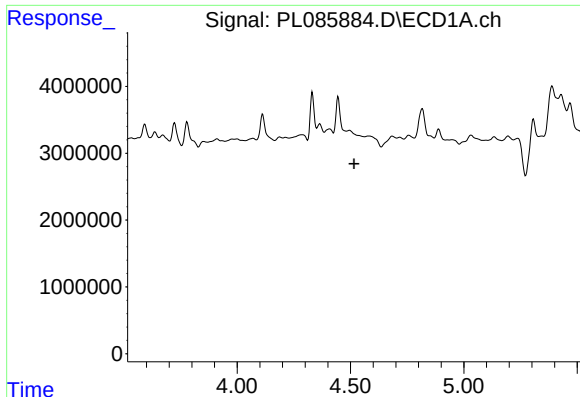
#22 Mirex

R.T.: 7.914 min  
Delta R.T.: -0.020 min  
Response: 587061  
Conc: 0.27 ng/ml



#22 Mirex

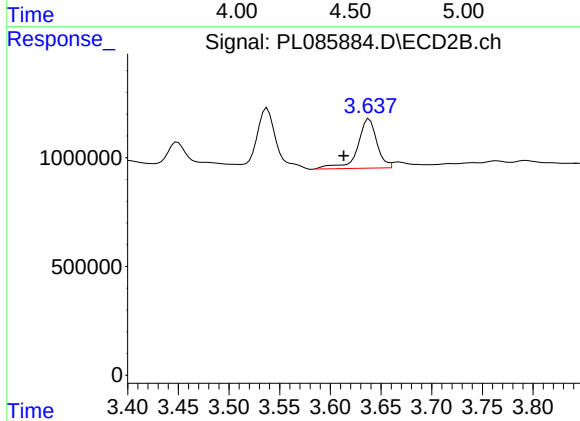
R.T.: 6.862 min  
Delta R.T.: 0.007 min  
Response: 186884  
Conc: 0.20 ng/ml



#23 Chlordane-1

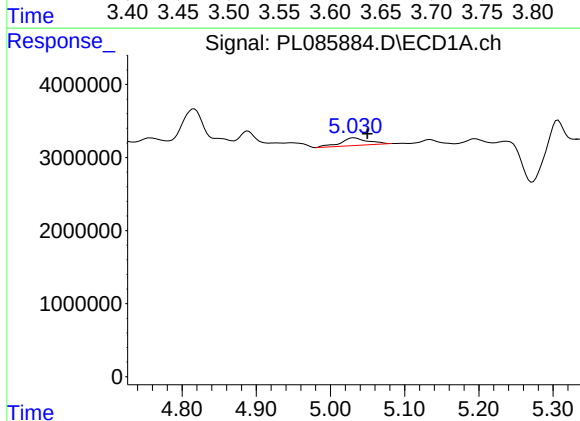
R.T.: 0.000 min  
Exp R.T.: 4.516 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



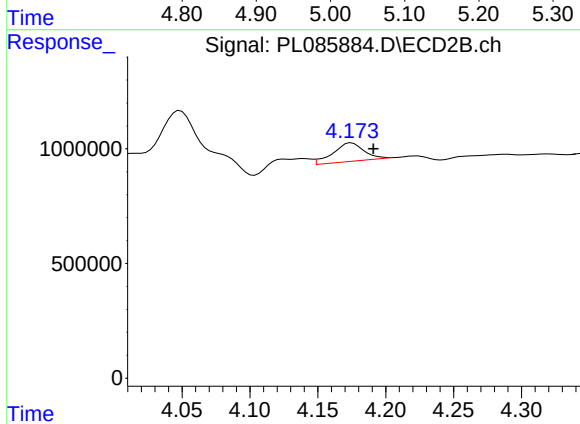
#23 Chlordane-1

R.T.: 3.638 min  
Delta R.T.: 0.025 min  
Response: 3004329  
Conc: 92.16 ng/ml



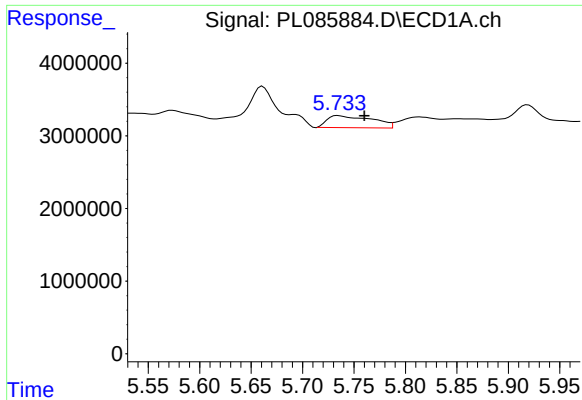
#24 Chlordane-2

R.T.: 5.032 min  
Delta R.T.: -0.018 min  
Response: 2661717  
Conc: 20.47 ng/ml



#24 Chlordane-2

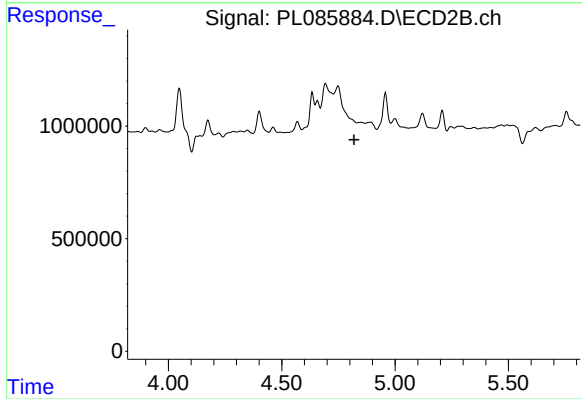
R.T.: 4.175 min  
Delta R.T.: -0.016 min  
Response: 1276127  
Conc: 32.79 ng/ml



#25 Chlordane-3

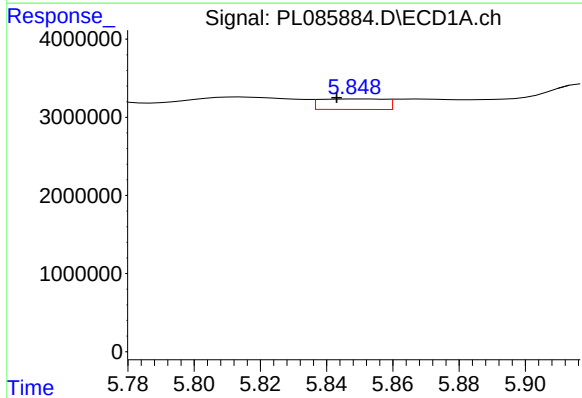
R.T.: 5.735 min  
Delta R.T.: -0.025 min  
Response: 5065419  
Conc: 9.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



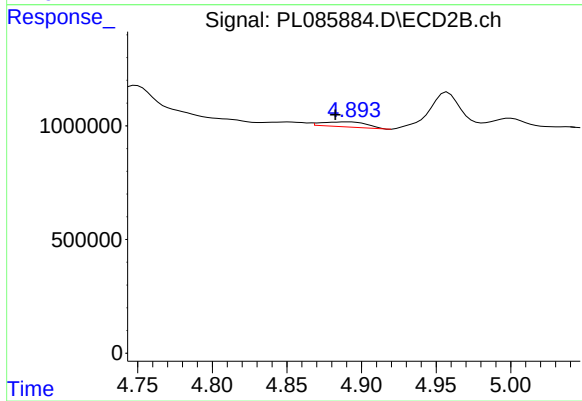
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 4.820 min  
Response: 0  
Conc: N.D.



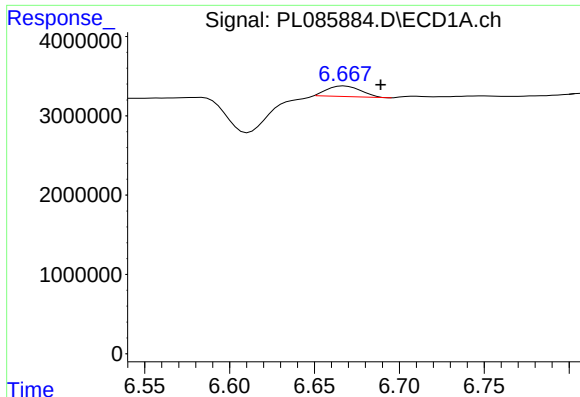
#26 Chlordane-4

R.T.: 5.850 min  
Delta R.T.: 0.007 min  
Response: 1848237  
Conc: 2.91 ng/ml



#26 Chlordane-4

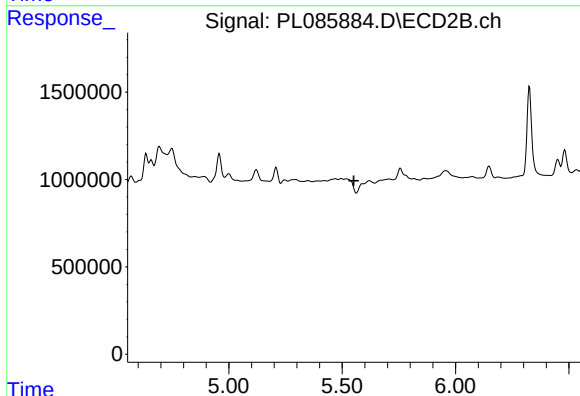
R.T.: 4.892 min  
Delta R.T.: 0.009 min  
Response: 457766  
Conc: 3.95 ng/ml



#27 Chlordane-5

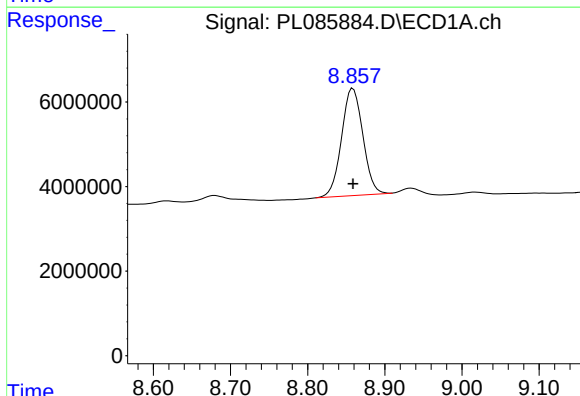
R.T.: 6.668 min  
Delta R.T.: -0.021 min  
Response: 1848794  
Conc: 18.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



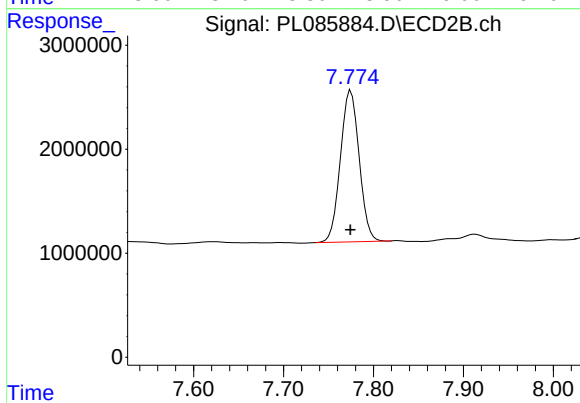
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 5.551 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.859 min  
Delta R.T.: 0.000 min  
Response: 48684600  
Conc: 22.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.775 min  
Delta R.T.: 0.000 min  
Response: 21116459  
Conc: 22.88 ng/ml