

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080323\  
 Data File : PL084501.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Aug 2023 02:17  
 Operator : AR\AJ  
 Sample : 03877-04  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 04 05:19:12 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 03 16:21:43 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... | 3.477  | 2.687  | 56674017 | 20807609 | 24.392 | 19.135  |
| 28)                         | SA Decachlor... | 9.025  | 7.868  | 29597753 | 22390196 | 18.191 | 17.958  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.963f | 3.217f | 378689   | 230309   | 0.115  | 0.149 # |
| 3)                          | MA gamma-BHC... | 4.252f | 3.516  | 477266   | 44520    | 0.150  | 0.029 # |
| 4)                          | MA Heptachlor   | 4.884f | 3.871  | 1402482  | 30733    | 0.417  | 0.022 # |
| 5)                          | MB Aldrin       | 0.000  | 4.123f | 0        | 312323   | N.D.   | 0.215 # |
| 6)                          | B beta-BHC      | 4.487f | 3.832  | 799901   | 64172    | 0.573  | 0.096 # |
| 7)                          | B delta-BHC     | 4.699f | 4.054  | 1586668  | 48042    | 0.492  | 0.032 # |
| 8)                          | B Heptachlo...  | 0.000  | 4.651  | 0        | 39027    | N.D.   | 0.029 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.015  | 0        | 55312    | N.D.   | 0.045 # |
| 10)                         | B gamma-Chl...  | 0.000  | 4.897  | 0        | 25225    | N.D.   | 0.019 # |
| 11)                         | B alpha-Chl...  | 0.000  | 4.971  | 0        | 192395   | N.D.   | 0.141 # |
| 12)                         | B 4,4'-DDE      | 6.122f | 0.000  | 252280   | 0        | 0.110  | N.D. #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.290  | 0        | 26842    | N.D.   | 0.020 # |
| 14)                         | MA Endrin       | 0.000  | 5.583f | 0        | 37674    | N.D.   | 0.031 # |
| 15)                         | B Endosulfa...  | 0.000  | 5.839f | 0        | 264021   | N.D.   | 0.219 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.968  | 0        | 22176    | N.D.   | 0.019 # |
| 18)                         | B Endrin al...  | 0.000  | 6.069f | 0        | 15603    | N.D.   | 0.016 # |
| 21)                         | B Endrin ke...  | 0.000  | 6.756f | 0        | 18153    | N.D.   | 0.013 # |
| 22)                         | Mirex           | 0.000  | 6.967f | 0        | 3467     | N.D.   | 0.003 # |
| 23)                         | Chlordane-1     | 0.000  | 3.704f | 0        | 190029   | N.D.   | 4.958 # |
| 24)                         | Chlordane-2     | 5.155f | 4.254f | 8048     | 152027   | 0.070  | 3.035 # |
| 25)                         | Chlordane-3     | 0.000  | 4.897  | 0        | 25225    | N.D.   | 0.182 # |
| 26)                         | Chlordane-4     | 0.000  | 4.971  | 0        | 192395   | N.D.   | 1.340 # |
| 27)                         | Chlordane-5     | 0.000  | 5.885f | 0        | 44204    | N.D.   | 0.868 # |
| -----                       |                 |        |        |          |          |        |         |

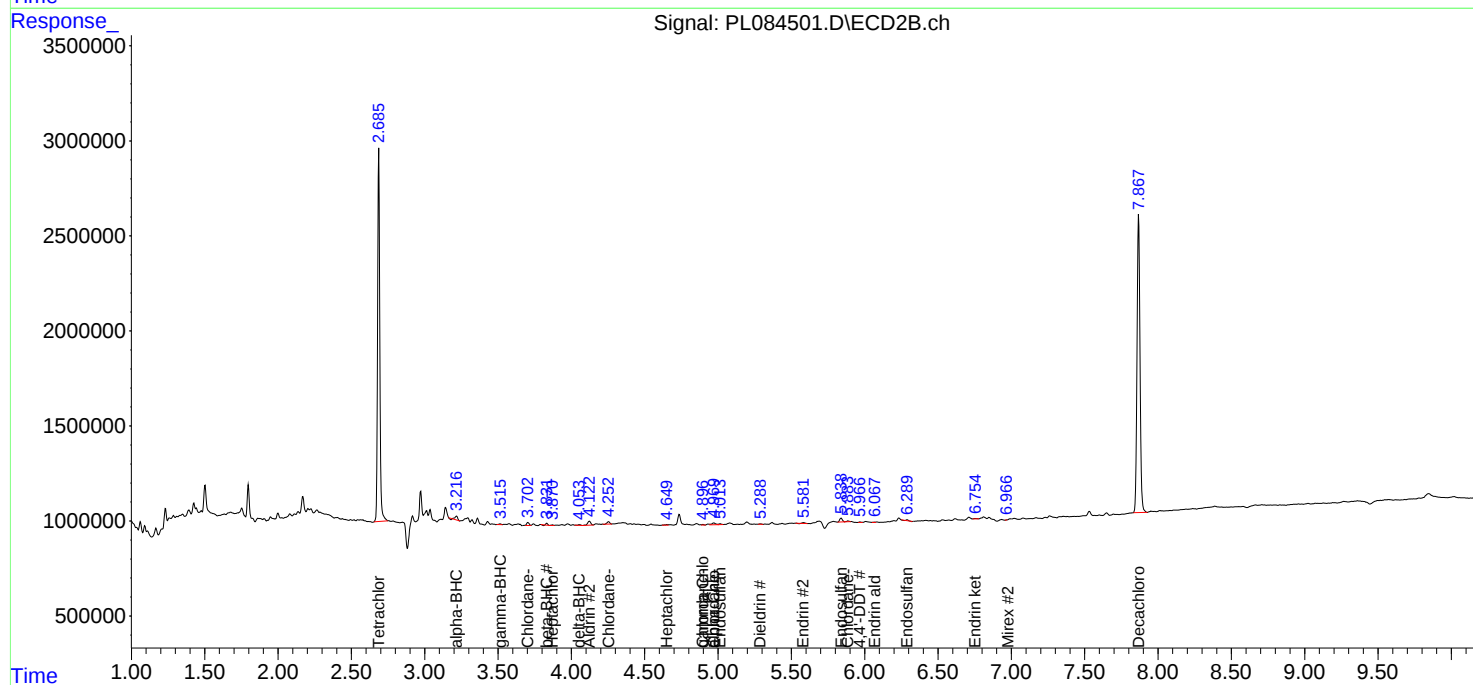
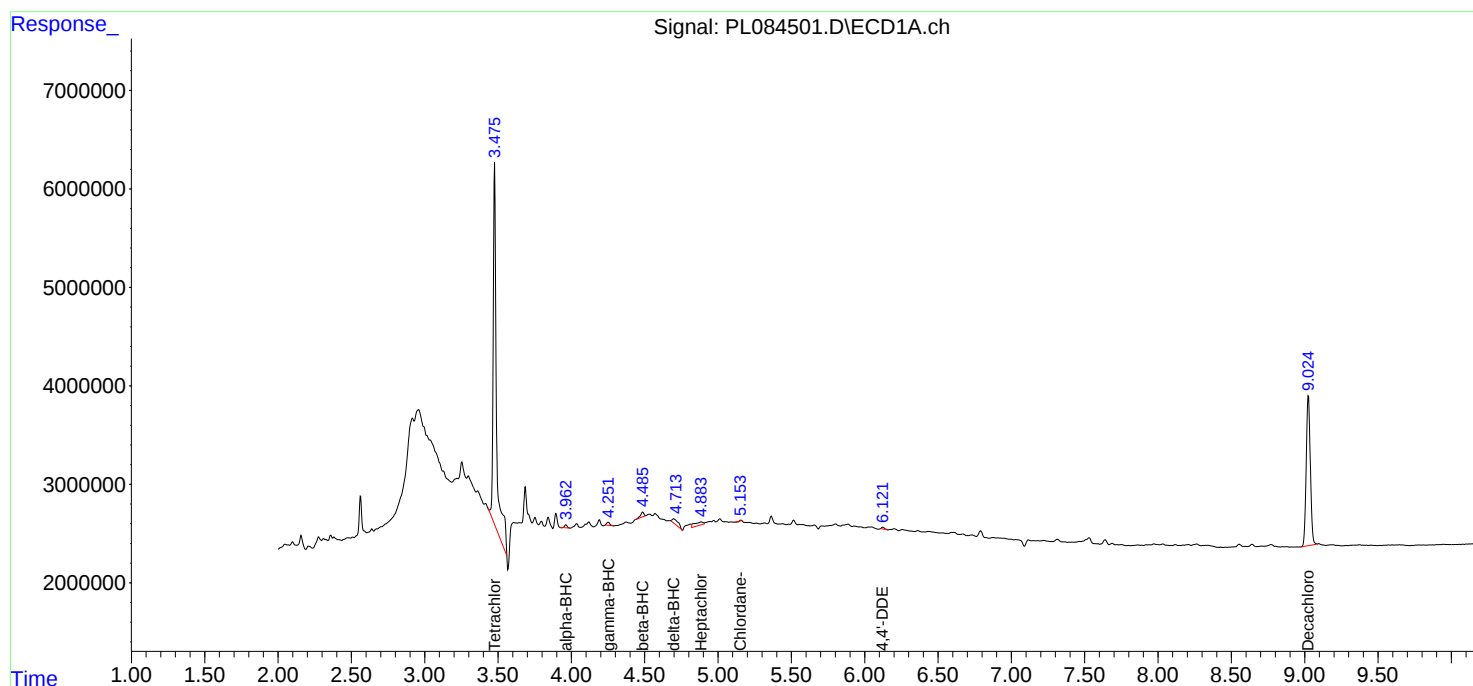
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

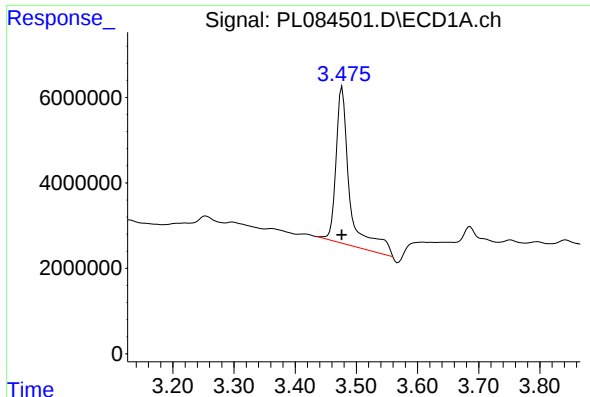
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080323\  
Data File : PL084501.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Aug 2023 02:17  
Operator : AR\AJ  
Sample : 03877-04  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 04 05:19:12 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 03 16:21:43 2023  
Response via : Initial Calibration  
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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

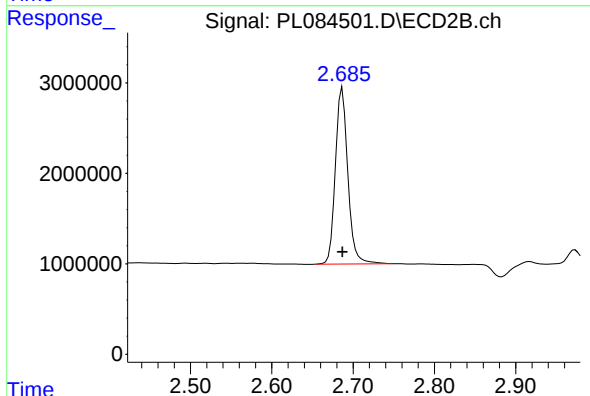




#1 Tetrachloro-m-xylene

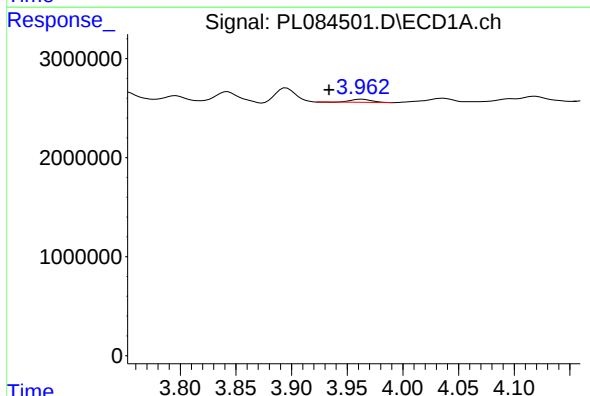
R.T.: 3.477 min  
Delta R.T.: 0.000 min  
Response: 56674017  
Conc: 24.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



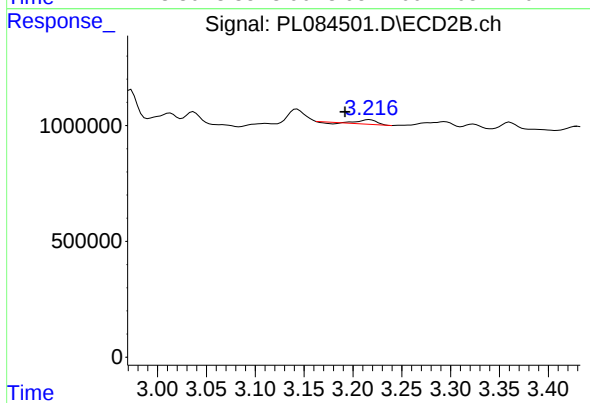
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: 0.000 min  
Response: 20807609  
Conc: 19.14 ng/ml



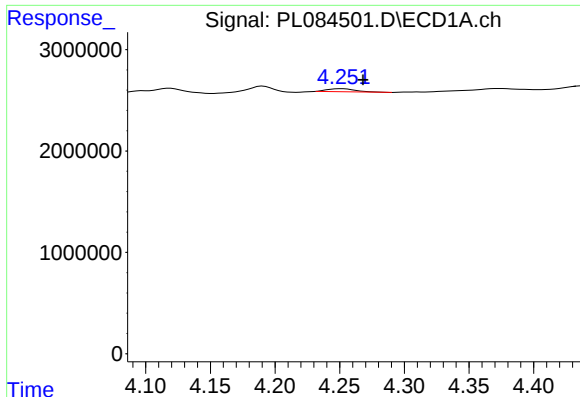
#2 alpha-BHC

R.T.: 3.963 min  
Delta R.T.: 0.029 min  
Response: 378689  
Conc: 0.11 ng/ml



#2 alpha-BHC

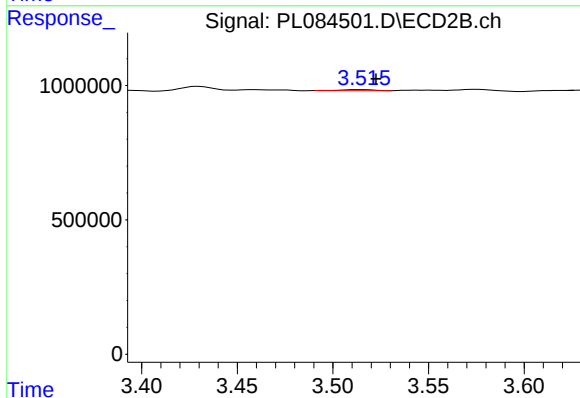
R.T.: 3.217 min  
Delta R.T.: 0.026 min  
Response: 230309  
Conc: 0.15 ng/ml



#3 gamma-BHC (Lindane)

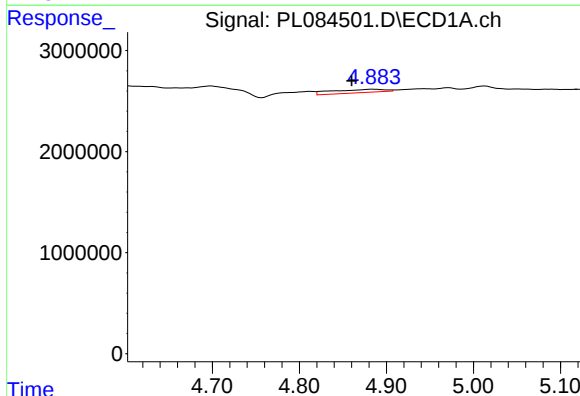
R.T.: 4.252 min  
Delta R.T.: -0.016 min  
Response: 477266  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



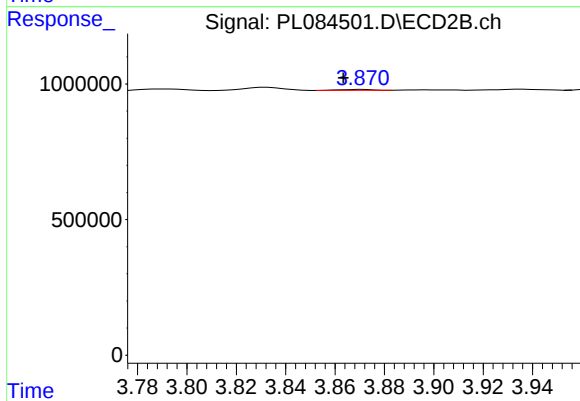
#3 gamma-BHC (Lindane)

R.T.: 3.516 min  
Delta R.T.: -0.007 min  
Response: 44520  
Conc: 0.03 ng/ml



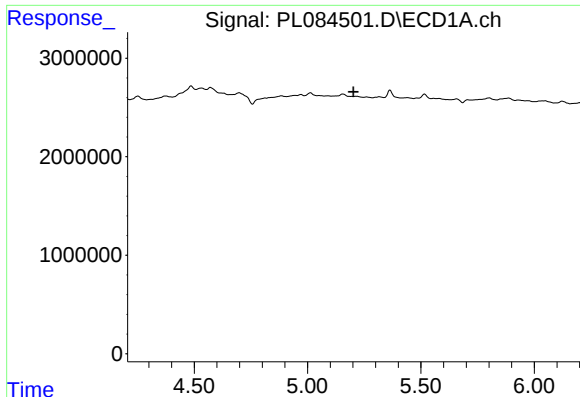
#4 Heptachlor

R.T.: 4.884 min  
Delta R.T.: 0.024 min  
Response: 1402482  
Conc: 0.42 ng/ml



#4 Heptachlor

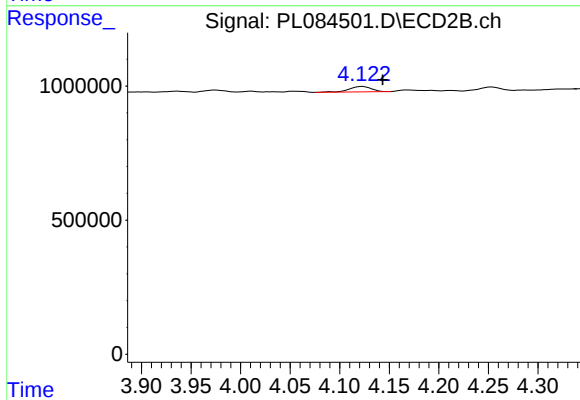
R.T.: 3.871 min  
Delta R.T.: 0.008 min  
Response: 30733  
Conc: 0.02 ng/ml



#5 Aldrin

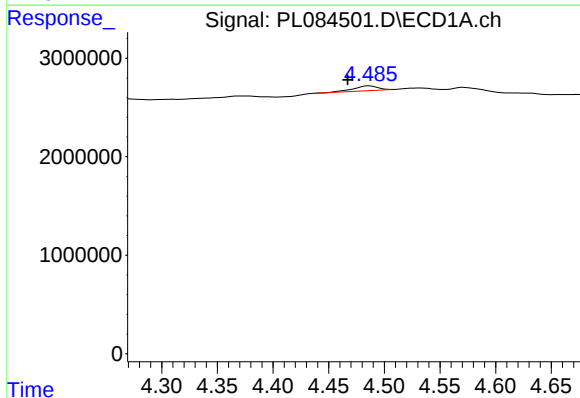
R.T.: 0.000 min  
Exp R.T.: 5.203 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



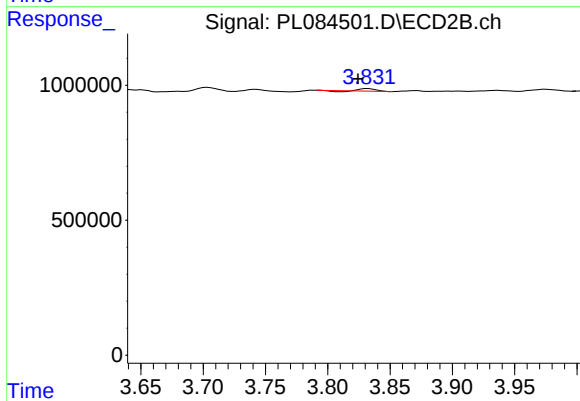
#5 Aldrin

R.T.: 4.123 min  
Delta R.T.: -0.020 min  
Response: 312323  
Conc: 0.21 ng/ml



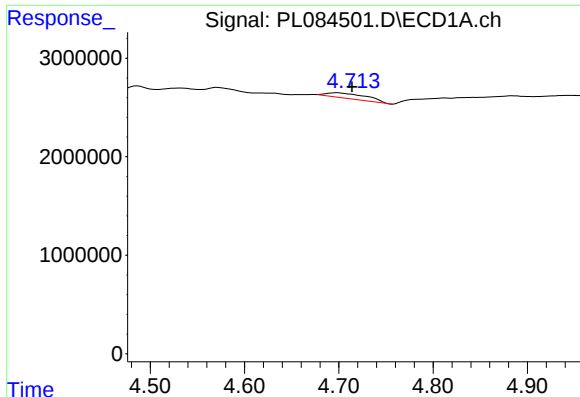
#6 beta-BHC

R.T.: 4.487 min  
Delta R.T.: 0.020 min  
Response: 799901  
Conc: 0.57 ng/ml



#6 beta-BHC

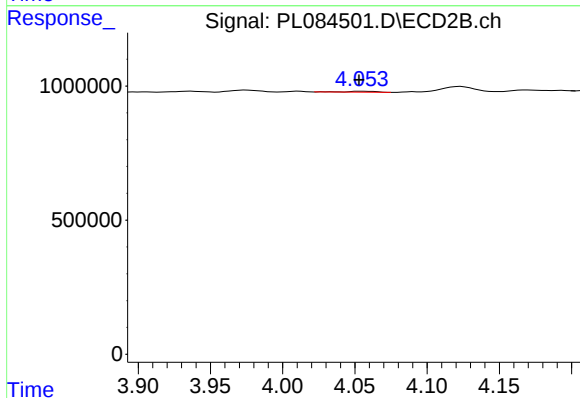
R.T.: 3.832 min  
Delta R.T.: 0.008 min  
Response: 64172  
Conc: 0.10 ng/ml



#7 delta-BHC

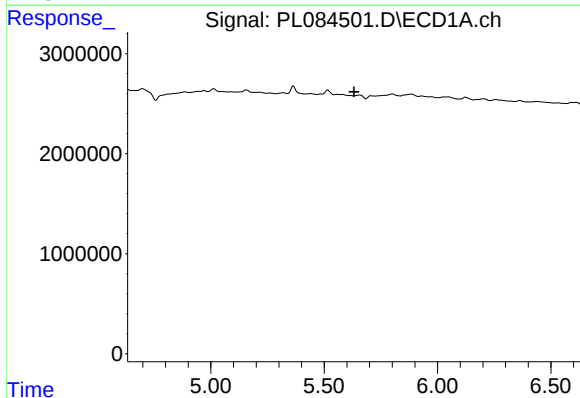
R.T.: 4.699 min  
Delta R.T.: -0.015 min  
Response: 1586668  
Conc: 0.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



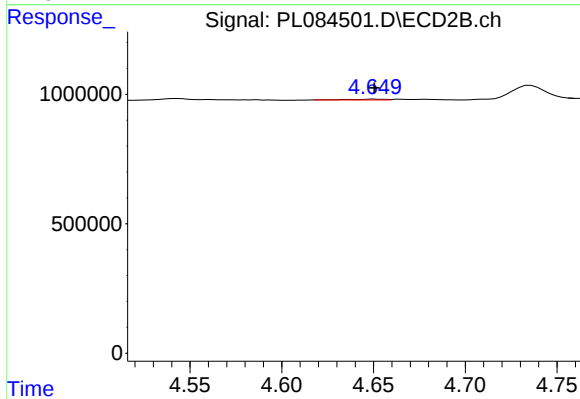
#7 delta-BHC

R.T.: 4.054 min  
Delta R.T.: 0.002 min  
Response: 48042  
Conc: 0.03 ng/ml



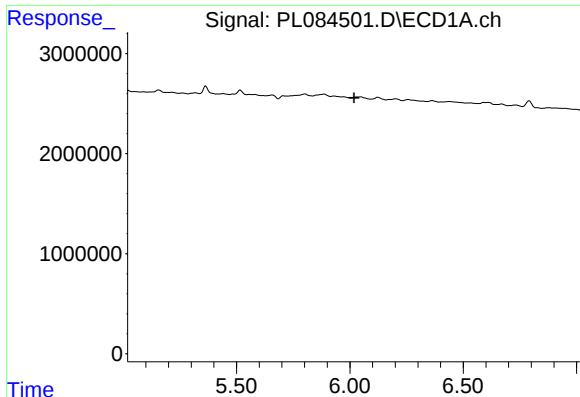
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.632 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

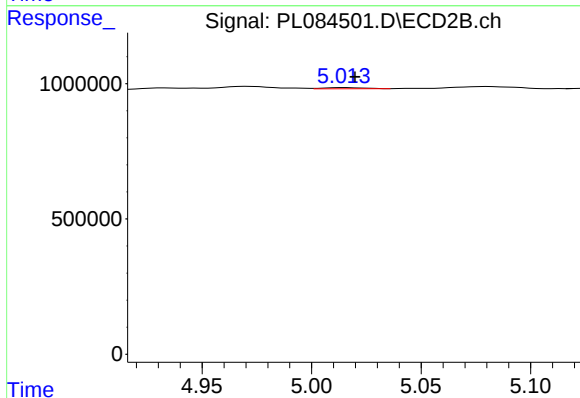
R.T.: 4.651 min  
Delta R.T.: 0.000 min  
Response: 39027  
Conc: 0.03 ng/ml



#9 Endosulfan I

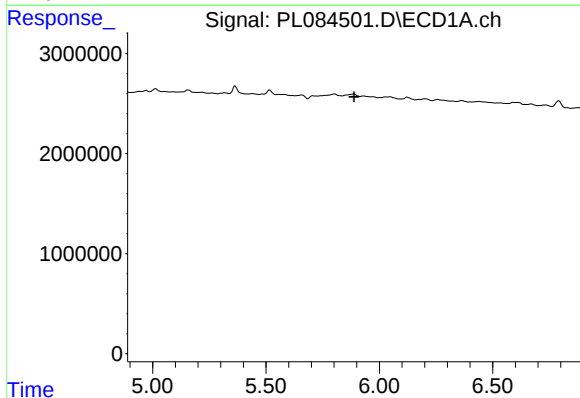
R.T.: 0.000 min  
Exp R.T.: 6.018 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



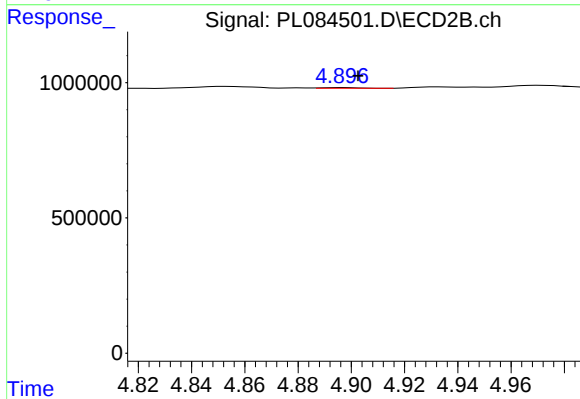
#9 Endosulfan I

R.T.: 5.015 min  
Delta R.T.: -0.005 min  
Response: 55312  
Conc: 0.04 ng/ml



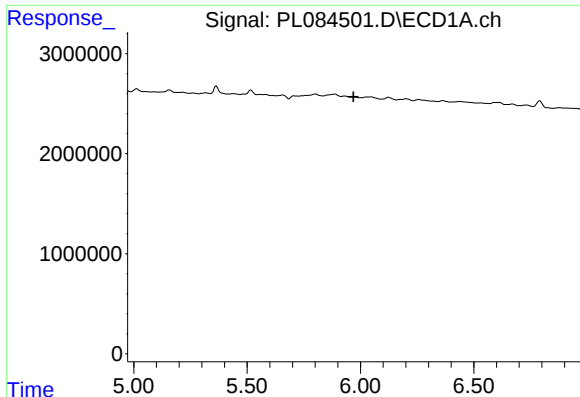
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.889 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

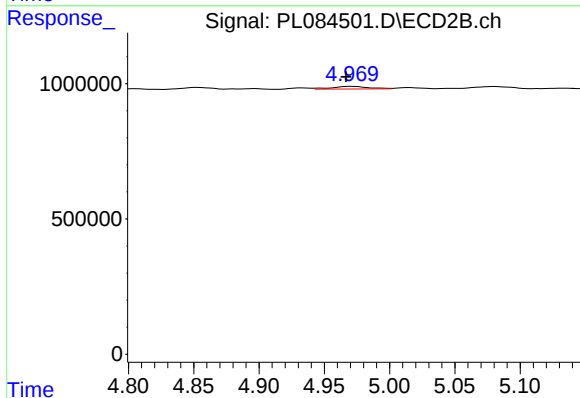
R.T.: 4.897 min  
Delta R.T.: -0.006 min  
Response: 25225  
Conc: 0.02 ng/ml



#11 alpha-Chlordane

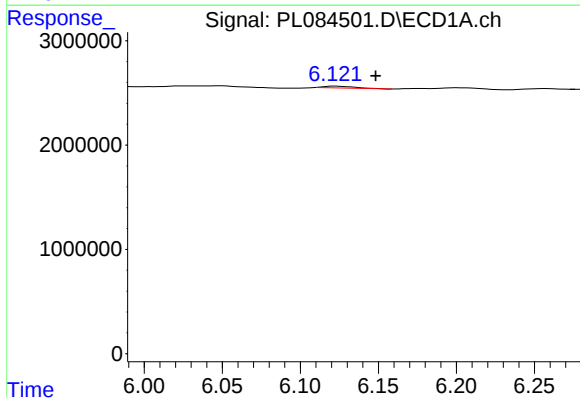
R.T.: 0.000 min  
Exp R.T.: 5.970 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



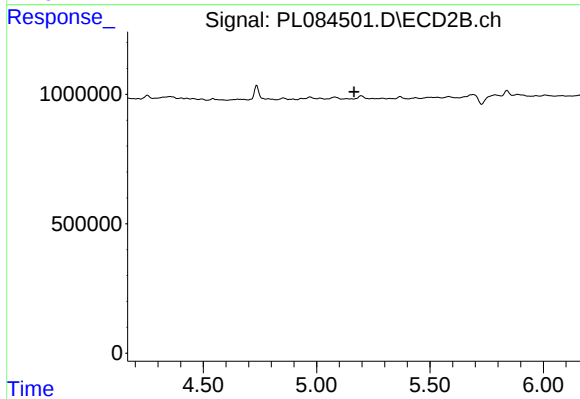
#11 alpha-Chlordane

R.T.: 4.971 min  
Delta R.T.: 0.004 min  
Response: 192395  
Conc: 0.14 ng/ml



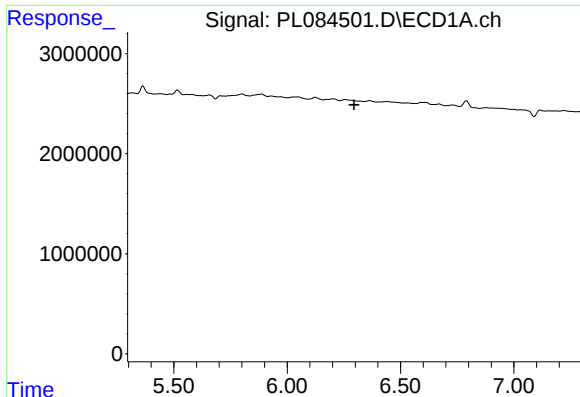
#12 4,4'-DDE

R.T.: 6.122 min  
Delta R.T.: -0.026 min  
Response: 252280  
Conc: 0.11 ng/ml



#12 4,4'-DDE

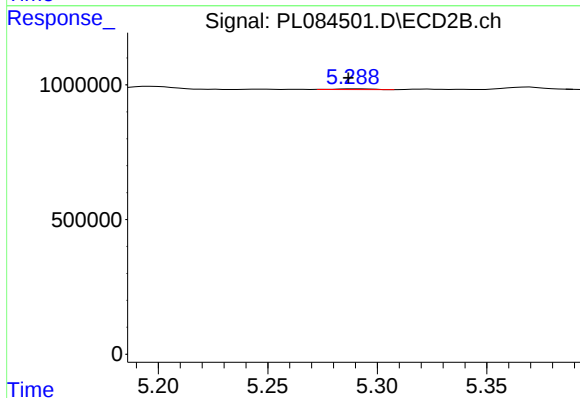
R.T.: 0.000 min  
Exp R.T.: 5.165 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

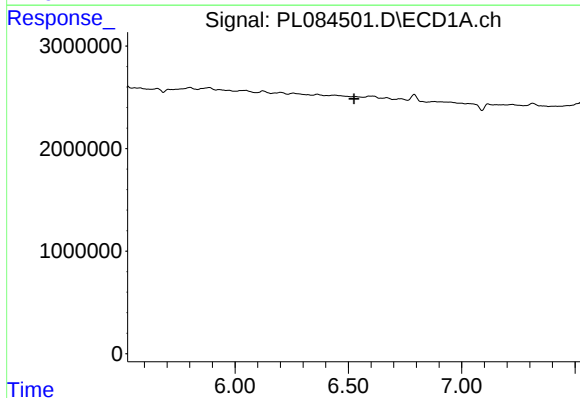
R.T.: 0.000 min  
Exp R.T.: 6.295 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



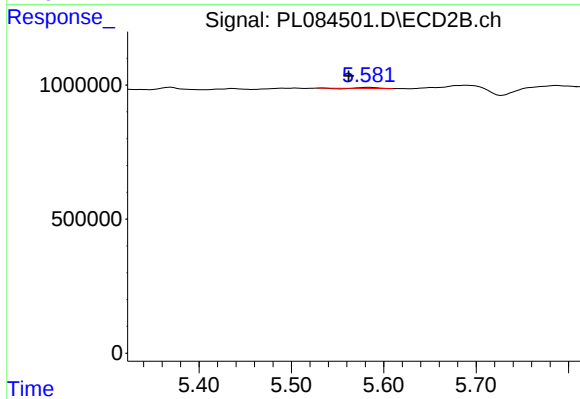
#13 Dieldrin

R.T.: 5.290 min  
Delta R.T.: 0.003 min  
Response: 26842  
Conc: 0.02 ng/ml



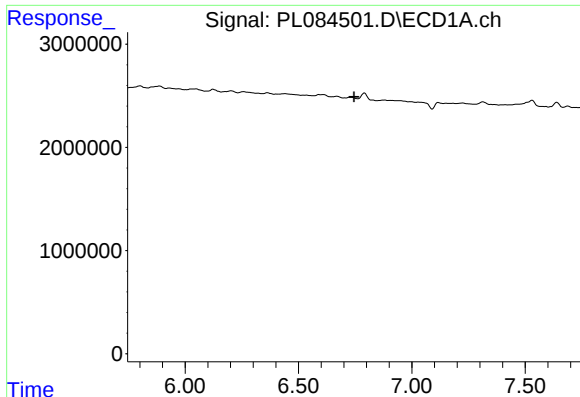
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.525 min  
Response: 0  
Conc: N.D.



#14 Endrin

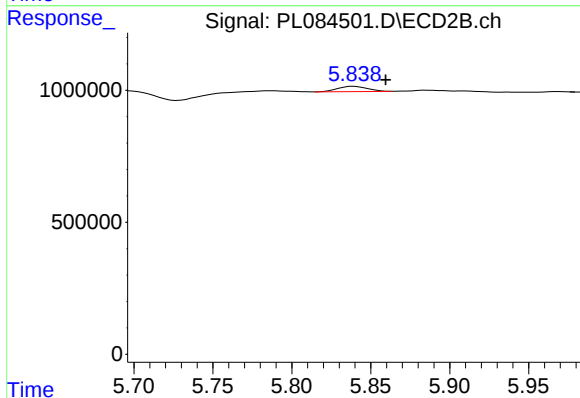
R.T.: 5.583 min  
Delta R.T.: 0.021 min  
Response: 37674  
Conc: 0.03 ng/ml



#15 Endosulfan II

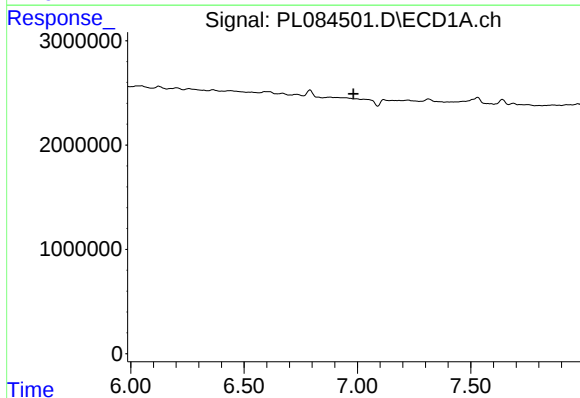
R.T.: 0.000 min  
Exp R.T.: 6.745 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



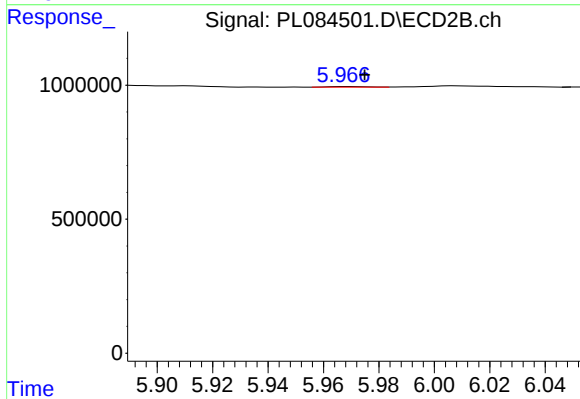
#15 Endosulfan II

R.T.: 5.839 min  
Delta R.T.: -0.020 min  
Response: 264021  
Conc: 0.22 ng/ml



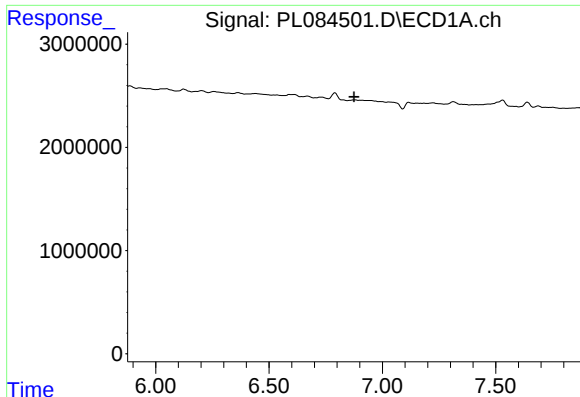
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 6.983 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

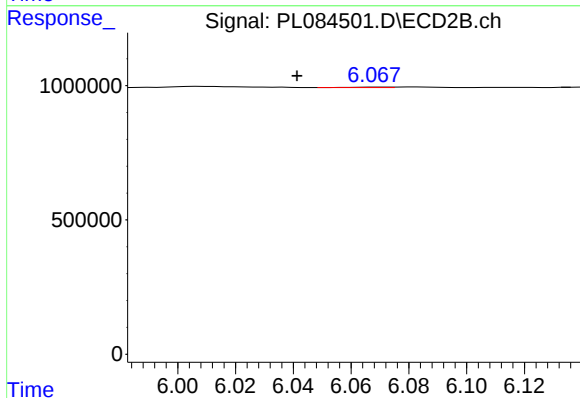
R.T.: 5.968 min  
Delta R.T.: -0.007 min  
Response: 22176  
Conc: 0.02 ng/ml



#18 Endrin aldehyde

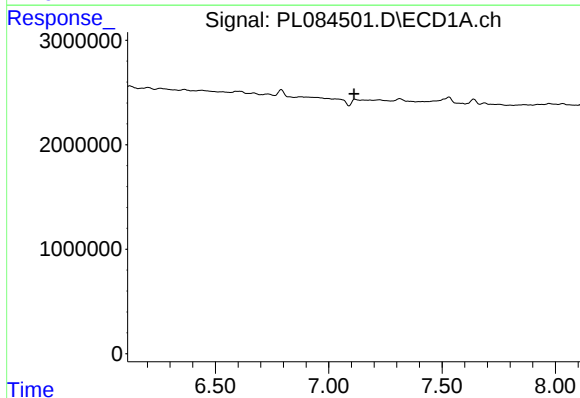
R.T.: 0.000 min  
Exp R.T.: 6.876 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



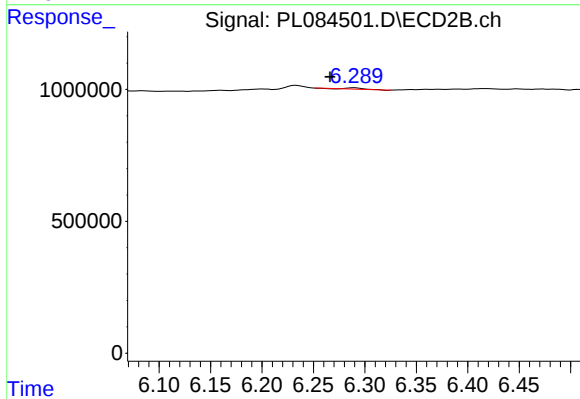
#18 Endrin aldehyde

R.T.: 6.069 min  
Delta R.T.: 0.027 min  
Response: 15603  
Conc: 0.02 ng/ml



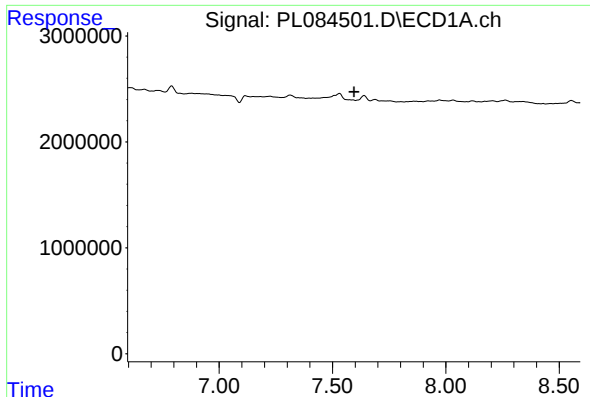
#19 Endosulfan Sulfate

R.T.: 7.115 min  
Delta R.T.: 0.003 min  
Response: -350188  
Conc: N.D.



#19 Endosulfan Sulfate

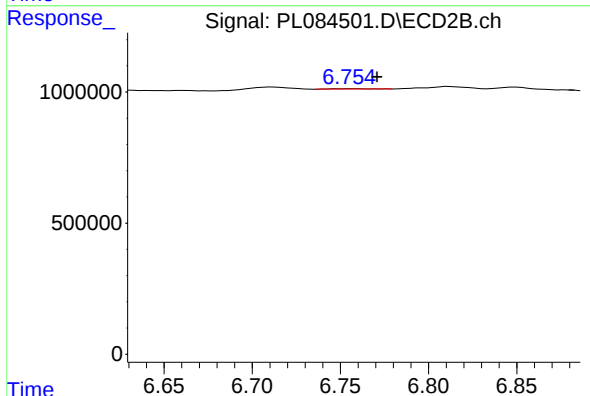
R.T.: 6.290 min  
Delta R.T.: 0.024 min  
Response: 38243  
Conc: 0.03 ng/ml



#21 Endrin ketone

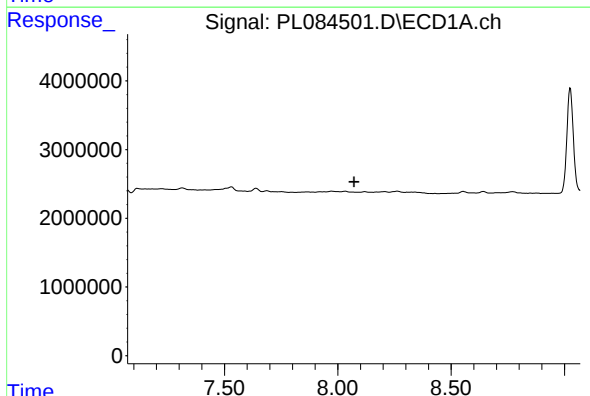
R.T.: 0.000 min  
Exp R.T.: 7.595 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



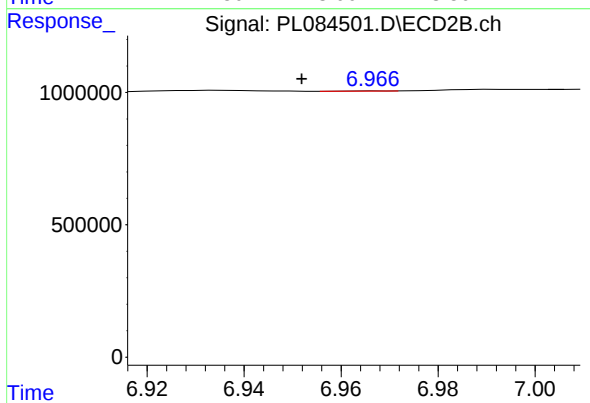
#21 Endrin ketone

R.T.: 6.756 min  
Delta R.T.: -0.015 min  
Response: 18153  
Conc: 0.01 ng/ml



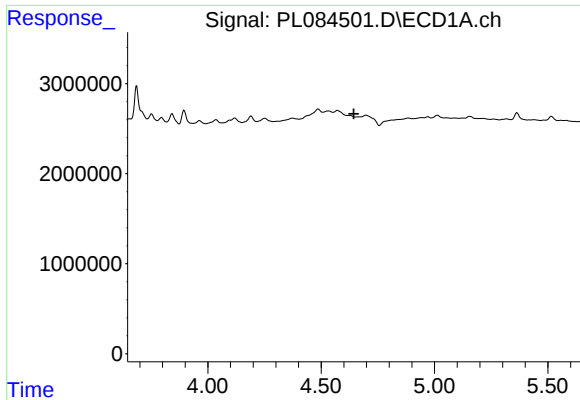
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 8.071 min  
Response: 0  
Conc: N.D.



#22 Mirex

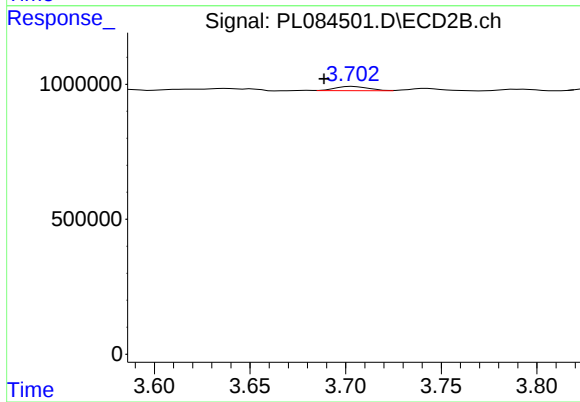
R.T.: 6.967 min  
Delta R.T.: 0.015 min  
Response: 3467  
Conc: 0.00 ng/ml



#23 Chlordane-1

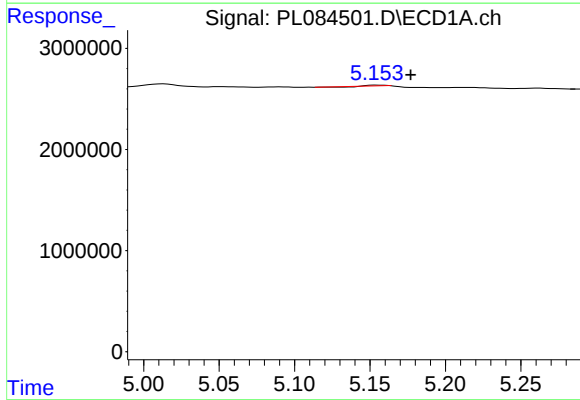
R.T.: 0.000 min  
Exp R.T.: 4.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



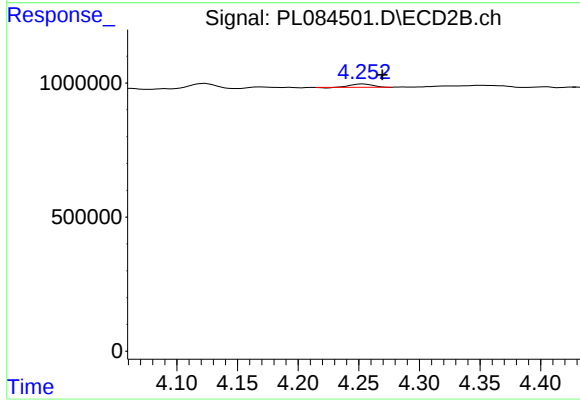
#23 Chlordane-1

R.T.: 3.704 min  
Delta R.T.: 0.015 min  
Response: 190029  
Conc: 4.96 ng/ml



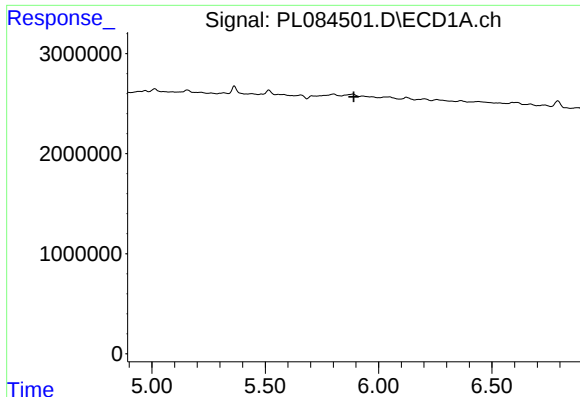
#24 Chlordane-2

R.T.: 5.155 min  
Delta R.T.: -0.022 min  
Response: 8048  
Conc: 0.07 ng/ml



#24 Chlordane-2

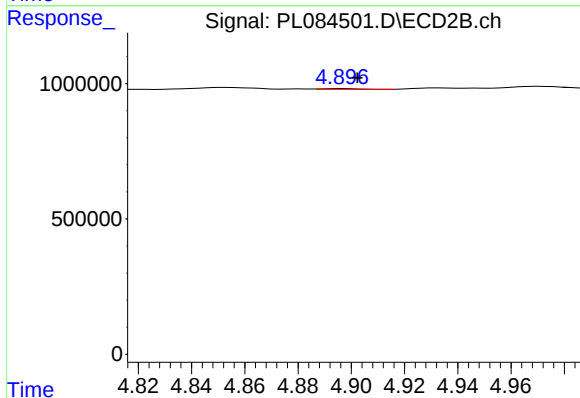
R.T.: 4.254 min  
Delta R.T.: -0.016 min  
Response: 152027  
Conc: 3.04 ng/ml



#25 Chlordane-3

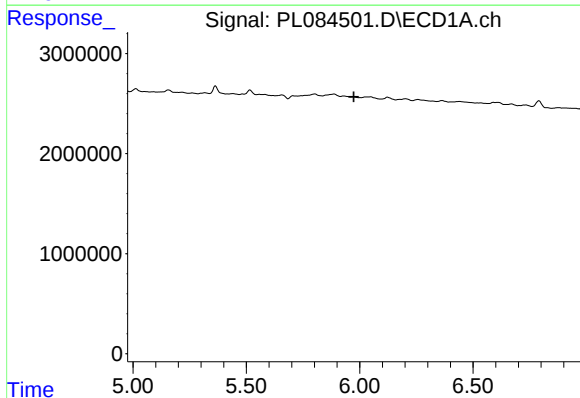
R.T.: 0.000 min  
Exp R.T.: 5.890 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



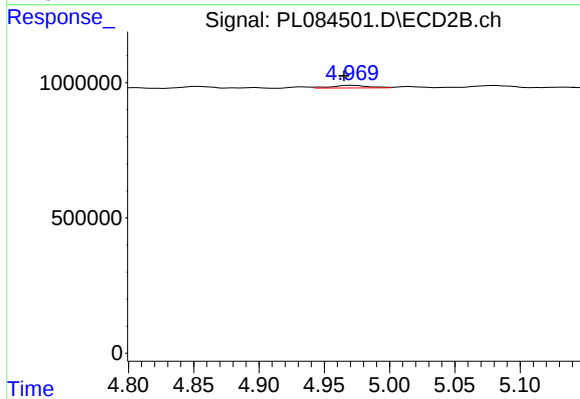
#25 Chlordane-3

R.T.: 4.897 min  
Delta R.T.: -0.006 min  
Response: 25225  
Conc: 0.18 ng/ml



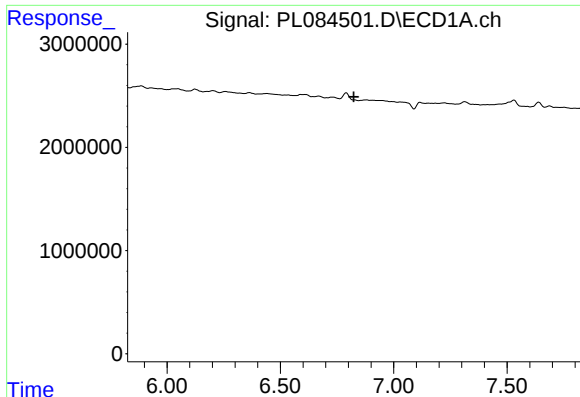
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 5.973 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

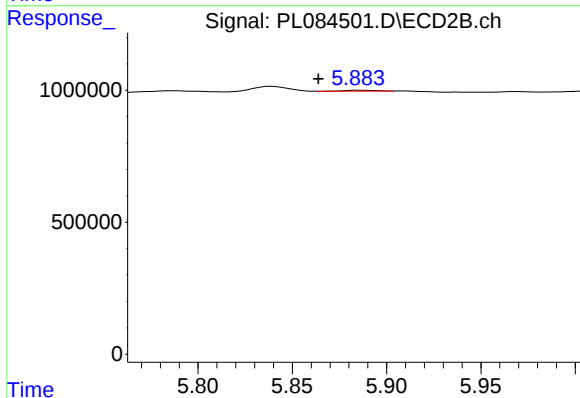
R.T.: 4.971 min  
Delta R.T.: 0.006 min  
Response: 192395  
Conc: 1.34 ng/ml



#27 Chlordane-5

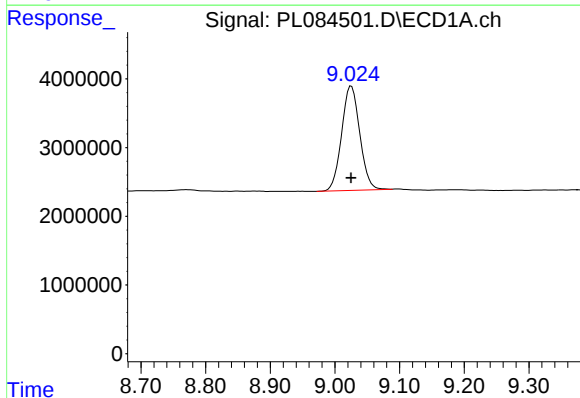
R.T.: 0.000 min  
Exp R.T.: 6.824 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



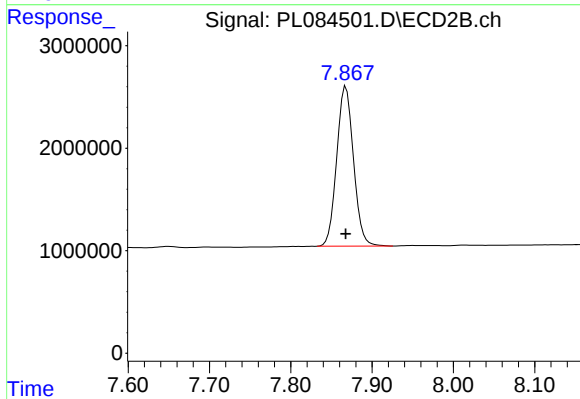
#27 Chlordane-5

R.T.: 5.885 min  
Delta R.T.: 0.021 min  
Response: 44204  
Conc: 0.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: 0.000 min  
Response: 29597753  
Conc: 18.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.868 min  
Delta R.T.: 0.000 min  
Response: 22390196  
Conc: 17.96 ng/ml