

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040723\  
 Data File : PL081905.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Apr 2023 16:09  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 07 22:13:45 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 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... | 3.327  | 2.654  | 45702089 | 40633816 | 19.649 | 20.356   |
| 28)                         | SA Decachlor... | 8.747  | 7.770  | 39510554 | 46936385 | 22.077 | 23.666   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.133f | 0        | 252781   | N.D.   | 0.087 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.500f | 0        | 808598   | N.D.   | 0.290 #  |
| 4)                          | MA Heptachlor   | 4.685  | 0.000  | 603093   | 0        | 0.191  | N.D. #   |
| 5)                          | MB Aldrin       | 0.000  | 4.113f | 0        | 5905115  | N.D.   | 2.216 #  |
| 7)                          | B delta-BHC     | 4.542f | 4.008  | 3299114  | 955837   | 1.086  | 0.370 #  |
| 8)                          | B Heptachlo...  | 5.446  | 4.586  | 4173675  | 846184   | 1.534  | 0.348 #  |
| 9)                          | A Endosulfan I  | 0.000  | 4.995f | 0        | 888333   | N.D.   | 0.402 #  |
| 10)                         | B gamma-Chl...  | 0.000  | 4.845  | 0        | 1233446  | N.D.   | 0.508 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 4.898  | 0        | 2935310  | N.D.   | 1.208 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.095  | 0        | 1186690  | N.D.   | 0.602 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.219  | 0        | 69110    | N.D.   | 0.031 #  |
| 14)                         | MA Endrin       | 0.000  | 5.526f | 0        | 1454984  | N.D.   | 0.719 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.825f | 0        | 521080   | N.D.   | 0.287 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.905  | 0        | 491333   | N.D.   | 0.285 #  |
| 18)                         | B Endrin al...  | 0.000  | 5.962f | 0        | 41455    | N.D.   | 0.027 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.194  | 0        | 23856    | N.D.   | 0.012 #  |
| 21)                         | B Endrin ke...  | 7.433f | 6.706  | 107249   | 116120   | 0.051  | 0.054    |
| 22)                         | Mirex           | 7.896f | 6.871  | 236527   | 19238    | 0.138  | 0.010 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.639  | 0        | 62006    | N.D.   | 0.805 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.230  | 0        | 1017768  | N.D.   | 10.895 # |
| 25)                         | Chlordane-3     | 0.000  | 4.845  | 0        | 1233446  | N.D.   | 4.897 #  |
| 26)                         | Chlordane-4     | 0.000  | 4.898  | 0        | 2935310  | N.D.   | 11.206 # |
| -----                       |                 |        |        |          |          |        |          |

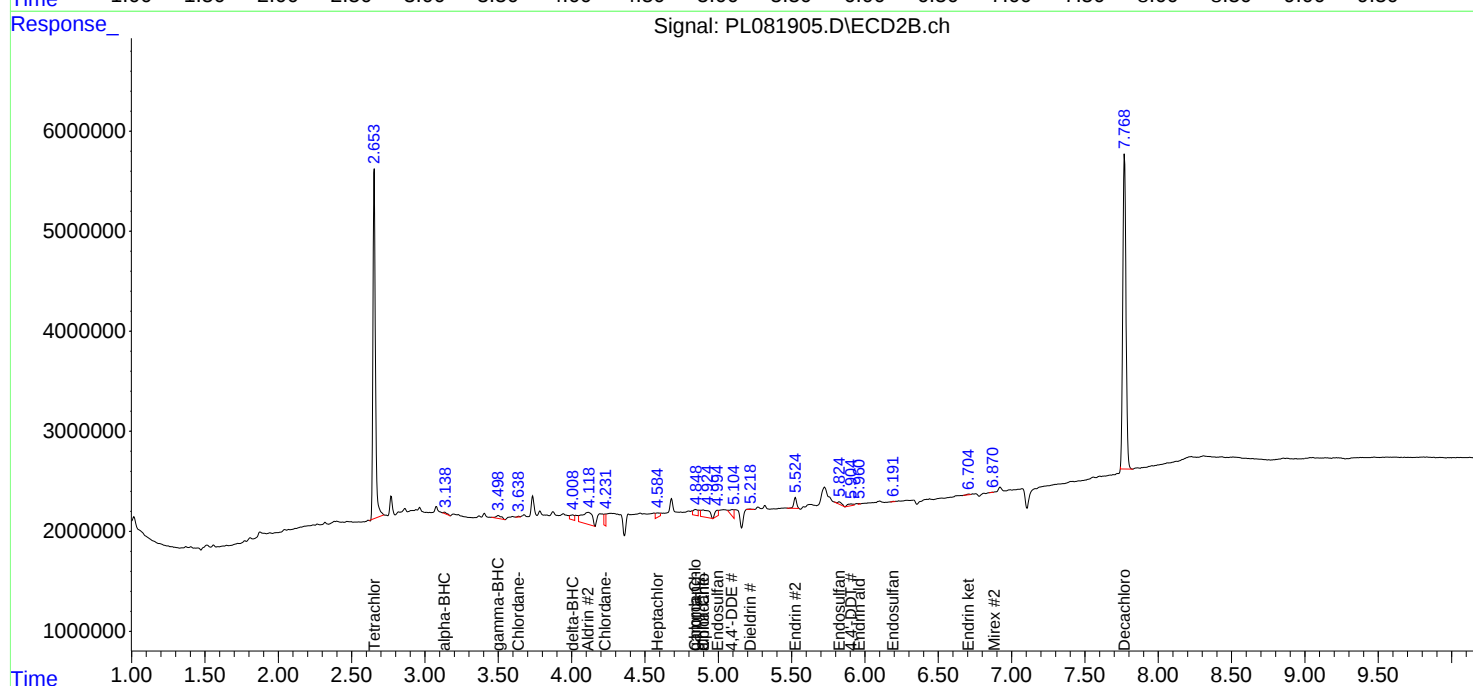
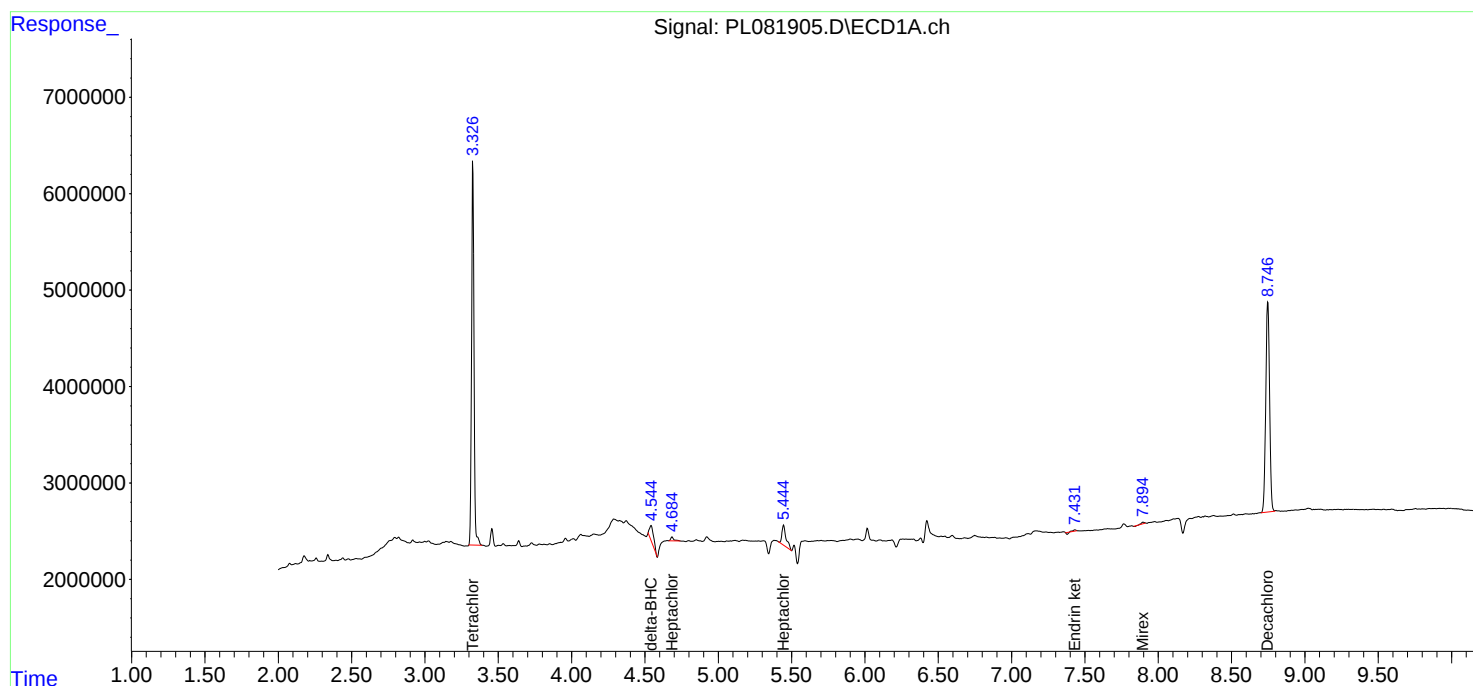
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

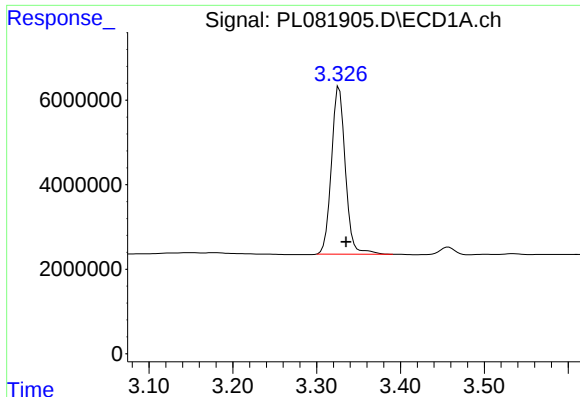
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040723\  
Data File : PL081905.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Apr 2023 16:09  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 07 22:13:45 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 23 01:07:33 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

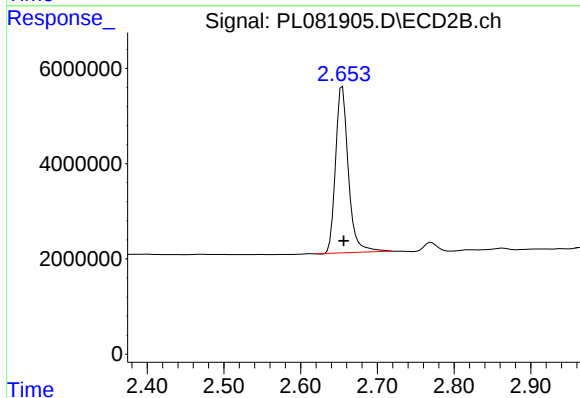




#1 Tetrachloro-m-xylene

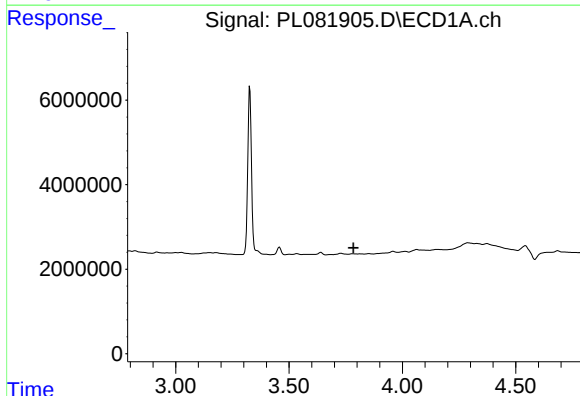
R.T.: 3.327 min  
Delta R.T.: -0.008 min  
Response: 45702089  
Conc: 19.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



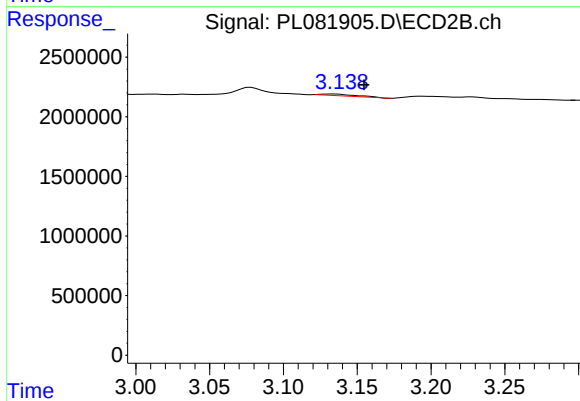
#1 Tetrachloro-m-xylene

R.T.: 2.654 min  
Delta R.T.: -0.002 min  
Response: 40633816  
Conc: 20.36 ng/ml



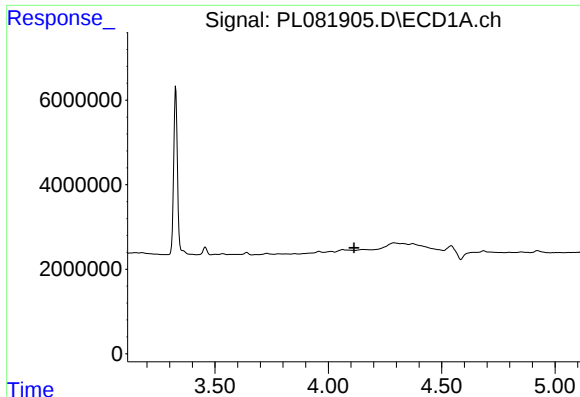
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.785 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

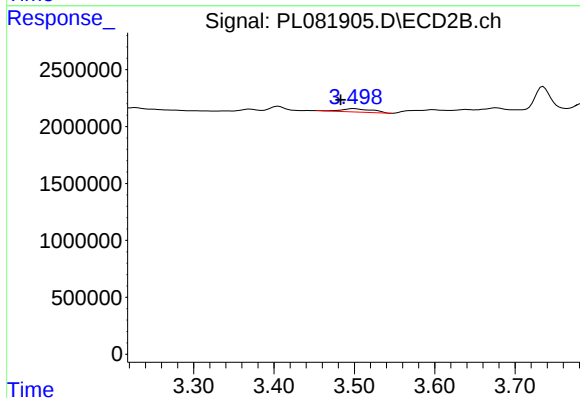
R.T.: 3.133 min  
Delta R.T.: -0.021 min  
Response: 252781  
Conc: 0.09 ng/ml



#3 gamma-BHC (Lindane)

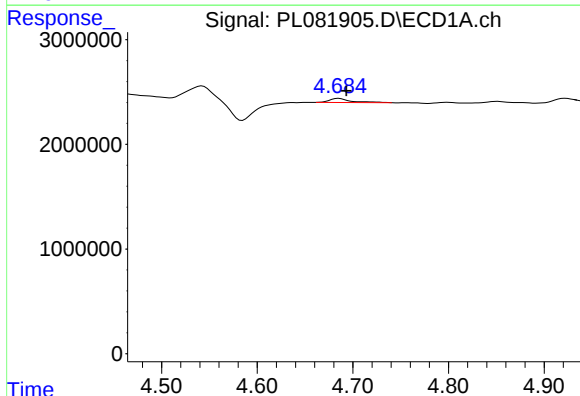
R.T.: 0.000 min  
Exp R.T.: 4.113 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



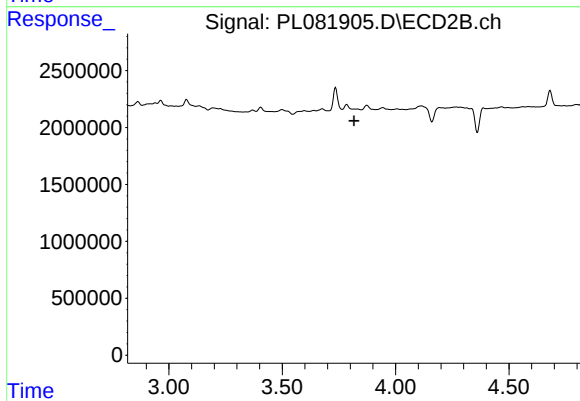
#3 gamma-BHC (Lindane)

R.T.: 3.500 min  
Delta R.T.: 0.017 min  
Response: 808598  
Conc: 0.29 ng/ml



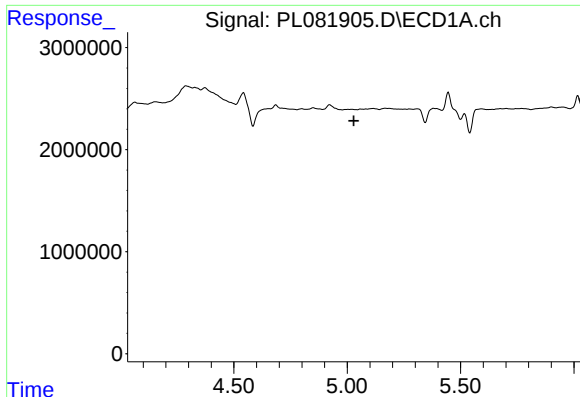
#4 Heptachlor

R.T.: 4.685 min  
Delta R.T.: -0.008 min  
Response: 603093  
Conc: 0.19 ng/ml



#4 Heptachlor

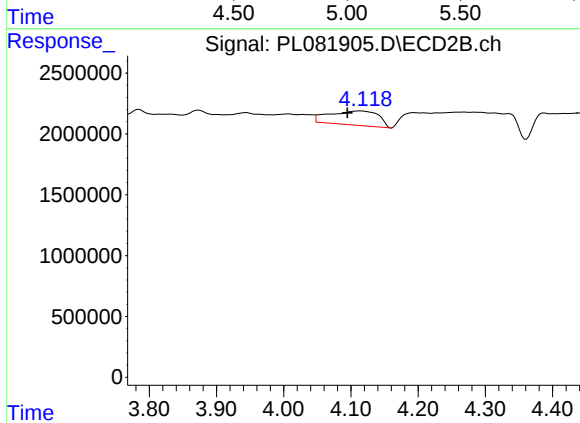
R.T.: 0.000 min  
Exp R.T.: 3.817 min  
Response: 0  
Conc: N.D.



#5 Aldrin

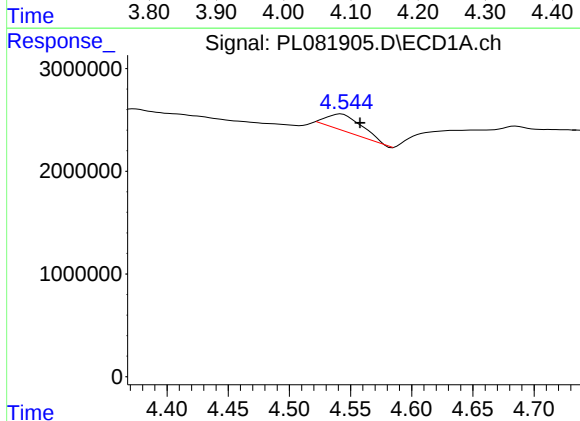
R.T.: 0.000 min  
Exp R.T.: 5.030 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



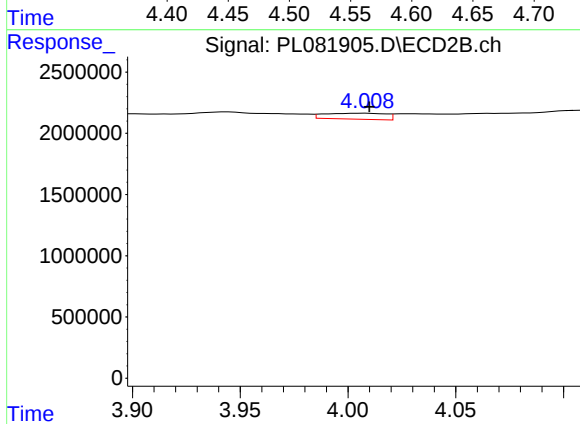
#5 Aldrin

R.T.: 4.113 min  
Delta R.T.: 0.018 min  
Response: 5905115  
Conc: 2.22 ng/ml



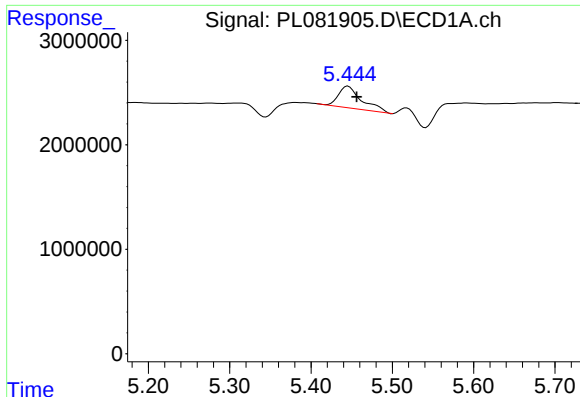
#7 delta-BHC

R.T.: 4.542 min  
Delta R.T.: -0.015 min  
Response: 3299114  
Conc: 1.09 ng/ml



#7 delta-BHC

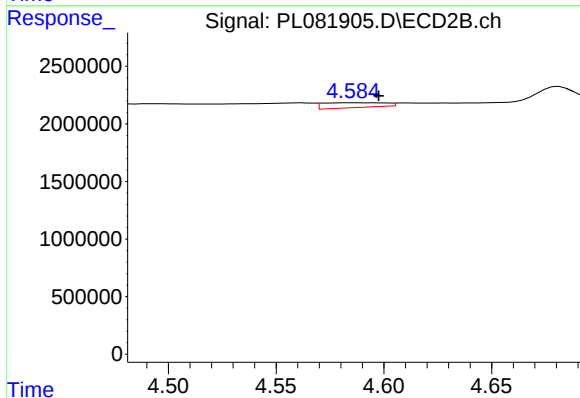
R.T.: 4.008 min  
Delta R.T.: -0.002 min  
Response: 955837  
Conc: 0.37 ng/ml



#8 Heptachlor epoxide

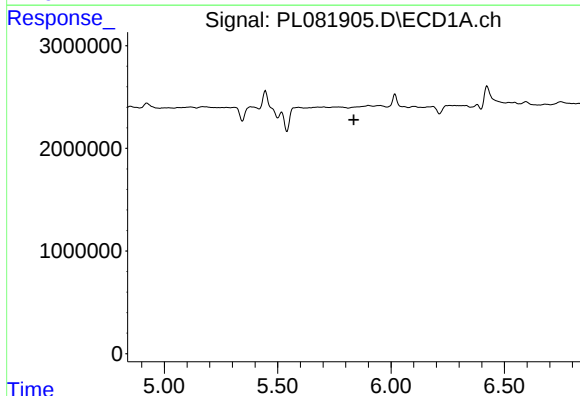
R.T.: 5.446 min  
Delta R.T.: -0.011 min  
Response: 4173675  
Conc: 1.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



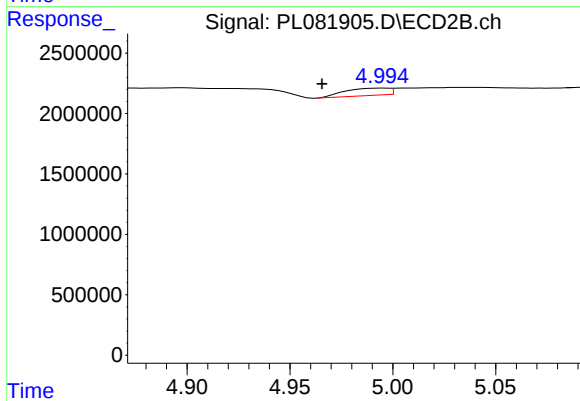
#8 Heptachlor epoxide

R.T.: 4.586 min  
Delta R.T.: -0.011 min  
Response: 846184  
Conc: 0.35 ng/ml



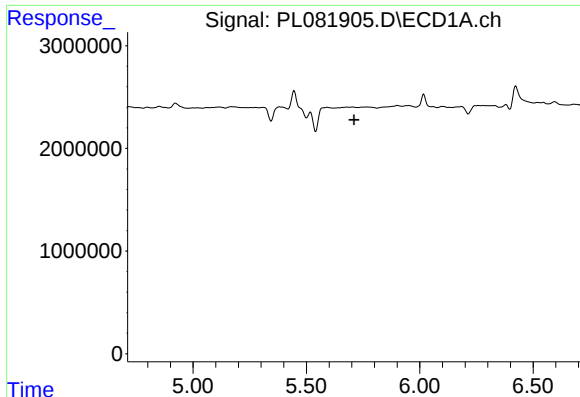
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.836 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

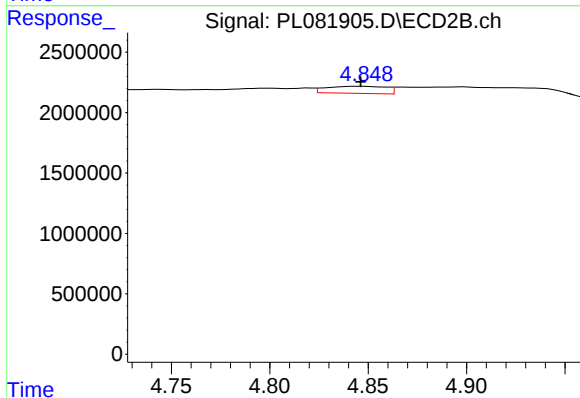
R.T.: 4.995 min  
Delta R.T.: 0.029 min  
Response: 888333  
Conc: 0.40 ng/ml



#10 gamma-Chlordane

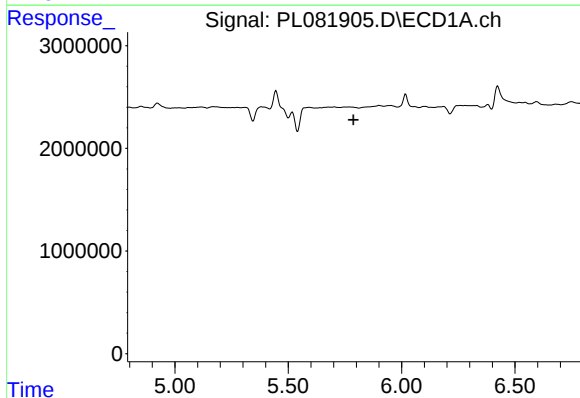
R.T.: 0.000 min  
Exp R.T.: 5.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



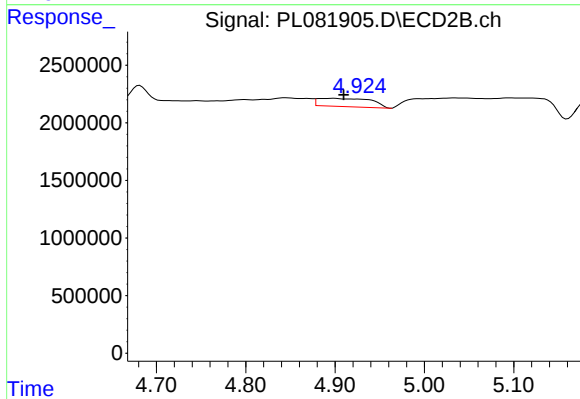
#10 gamma-Chlordane

R.T.: 4.845 min  
Delta R.T.: -0.001 min  
Response: 1233446  
Conc: 0.51 ng/ml



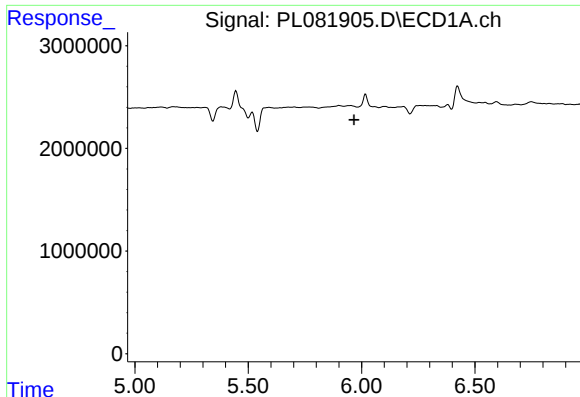
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.788 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

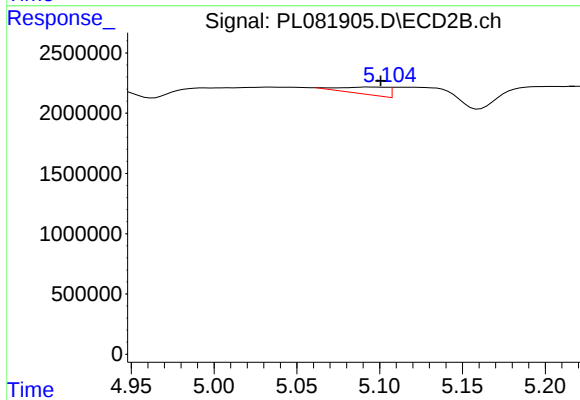
R.T.: 4.898 min  
Delta R.T.: -0.012 min  
Response: 2935310  
Conc: 1.21 ng/ml



#12 4,4'-DDE

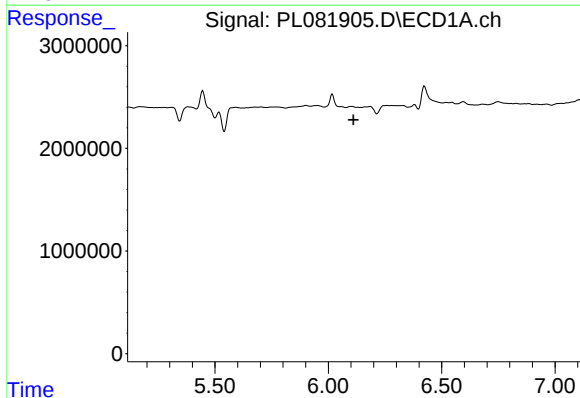
R.T.: 0.000 min  
Exp R.T.: 5.967 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



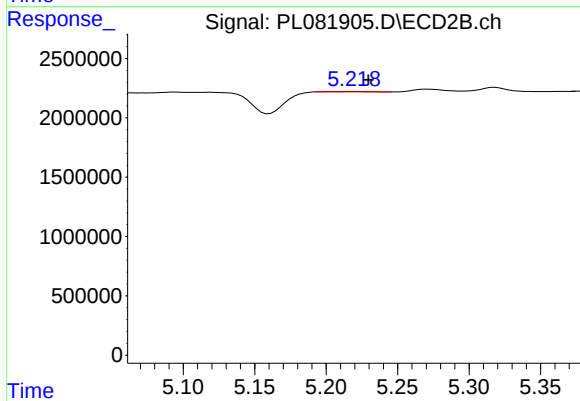
#12 4,4'-DDE

R.T.: 5.095 min  
Delta R.T.: -0.006 min  
Response: 1186690  
Conc: 0.60 ng/ml



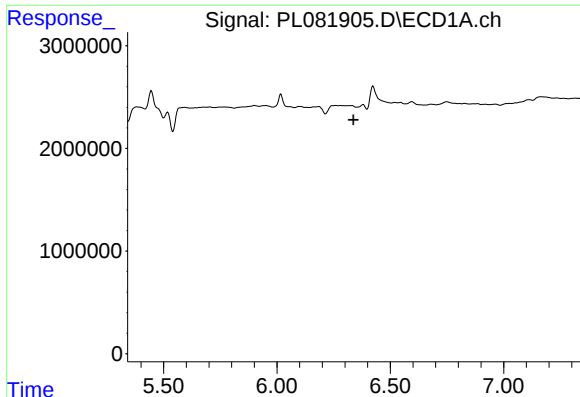
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T.: 6.111 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

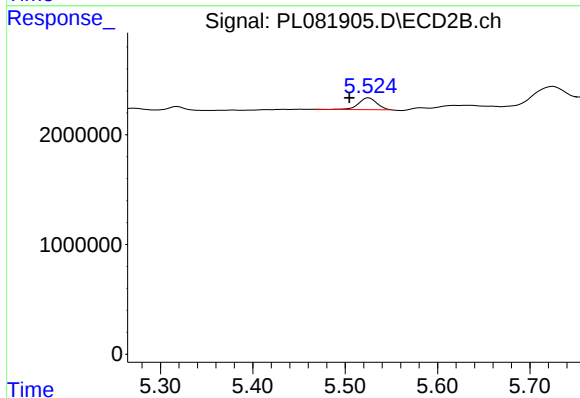
R.T.: 5.219 min  
Delta R.T.: -0.011 min  
Response: 69110  
Conc: 0.03 ng/ml



#14 Endrin

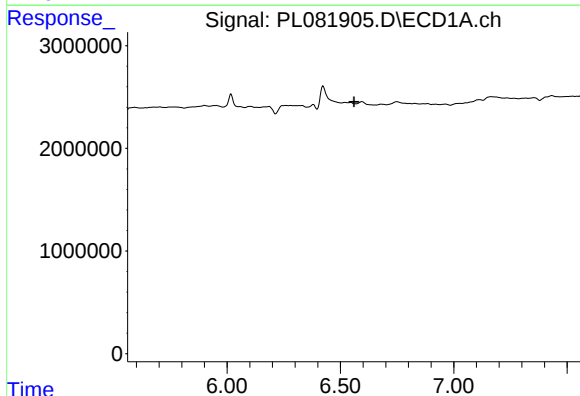
R.T.: 0.000 min  
Exp R.T.: 6.338 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



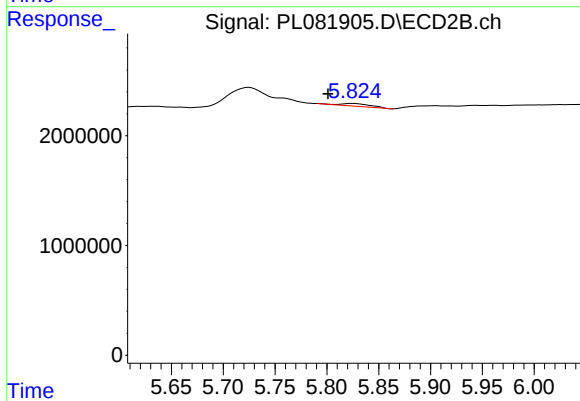
#14 Endrin

R.T.: 5.526 min  
Delta R.T.: 0.021 min  
Response: 1454984  
Conc: 0.72 ng/ml



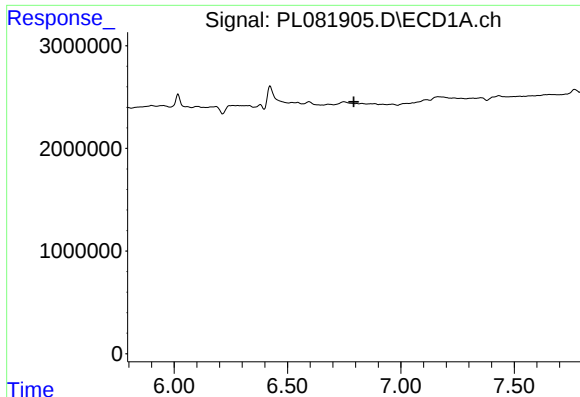
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.560 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

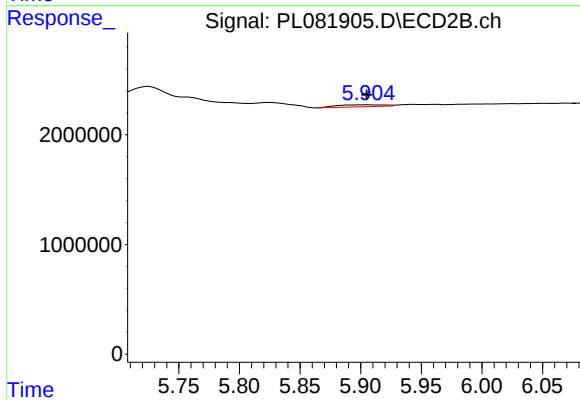
R.T.: 5.825 min  
Delta R.T.: 0.023 min  
Response: 521080  
Conc: 0.29 ng/ml



#17 4,4'-DDT

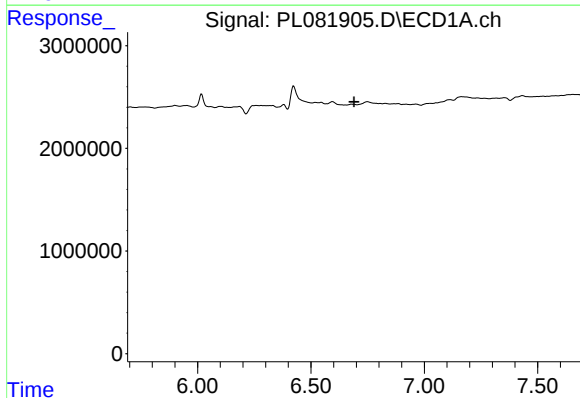
R.T.: 0.000 min  
Exp R.T.: 6.793 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



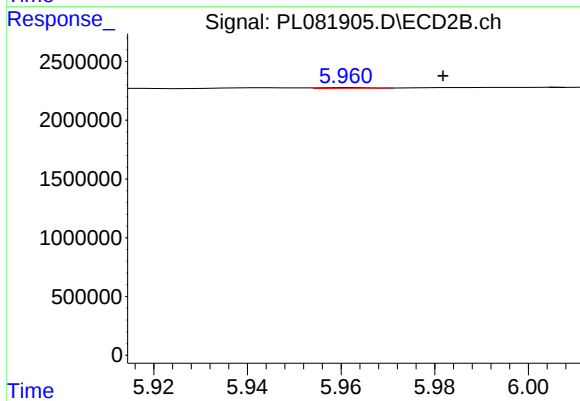
#17 4,4'-DDT

R.T.: 5.905 min  
Delta R.T.: 0.000 min  
Response: 491333  
Conc: 0.29 ng/ml



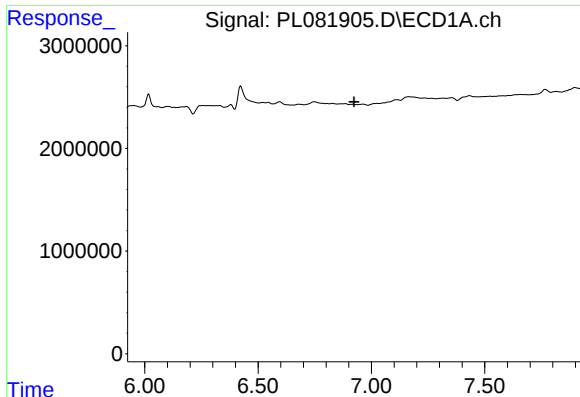
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.690 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

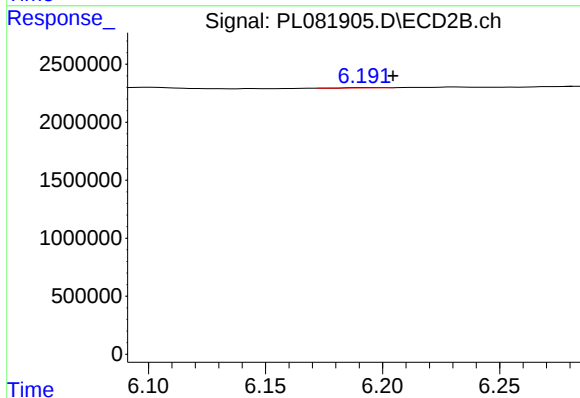
R.T.: 5.962 min  
Delta R.T.: -0.020 min  
Response: 41455  
Conc: 0.03 ng/ml



#19 Endosulfan Sulfate

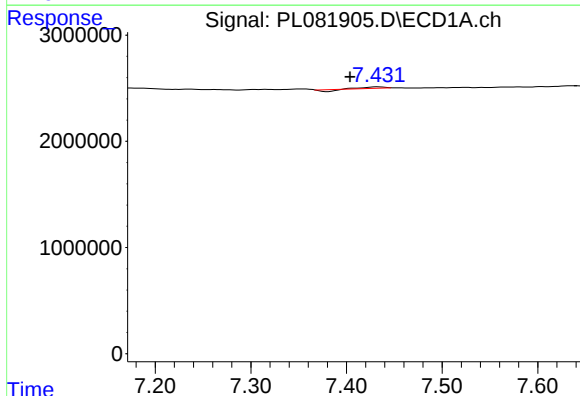
R.T.: 0.000 min  
Exp R.T.: 6.924 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



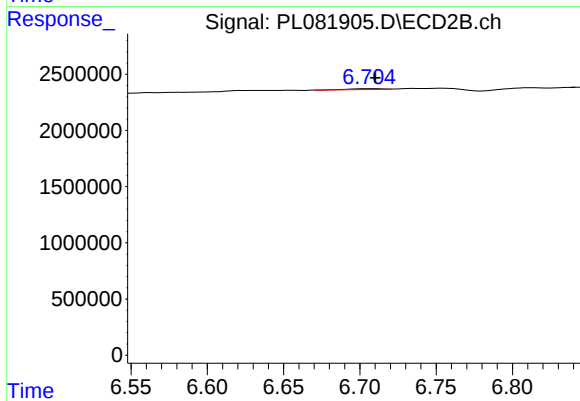
#19 Endosulfan Sulfate

R.T.: 6.194 min  
Delta R.T.: -0.010 min  
Response: 23856  
Conc: 0.01 ng/ml



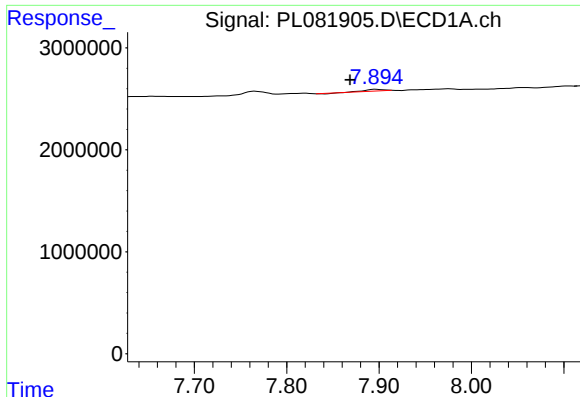
#21 Endrin ketone

R.T.: 7.433 min  
Delta R.T.: 0.029 min  
Response: 107249  
Conc: 0.05 ng/ml



#21 Endrin ketone

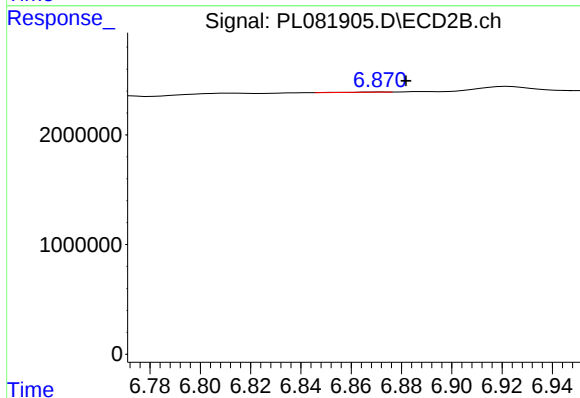
R.T.: 6.706 min  
Delta R.T.: -0.004 min  
Response: 116120  
Conc: 0.05 ng/ml



#22 Mirex

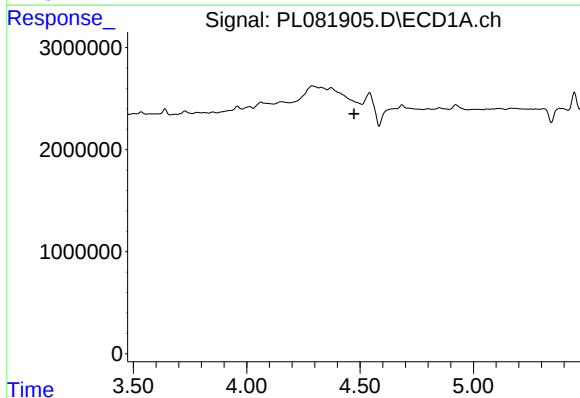
R.T.: 7.896 min  
Delta R.T.: 0.028 min  
Response: 236527  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



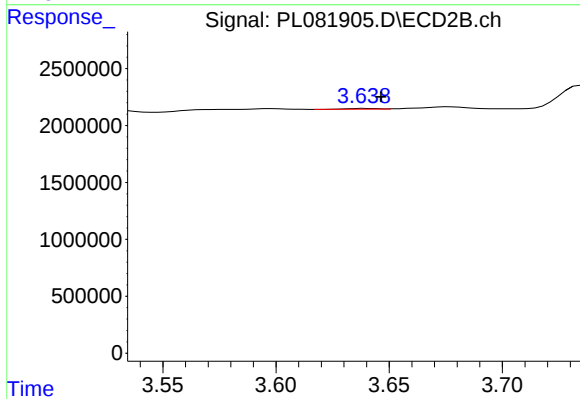
#22 Mirex

R.T.: 6.871 min  
Delta R.T.: -0.011 min  
Response: 19238  
Conc: 0.01 ng/ml



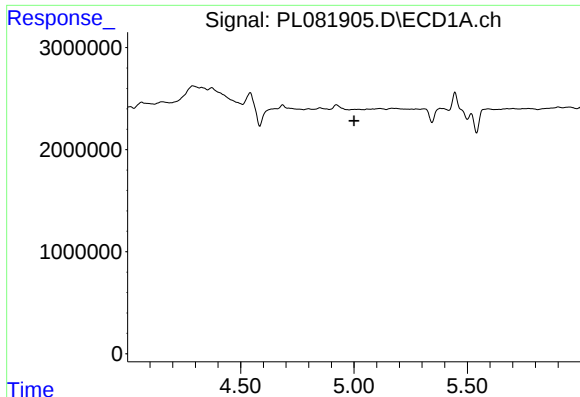
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.473 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

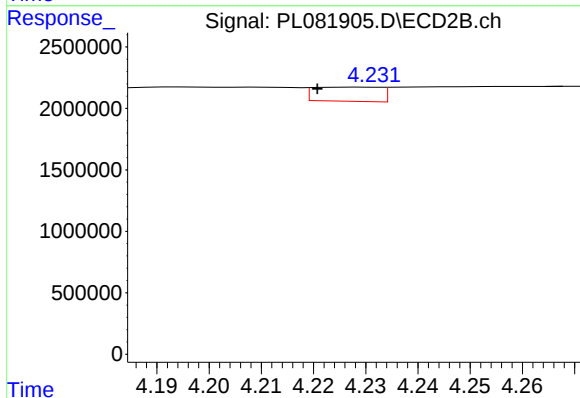
R.T.: 3.639 min  
Delta R.T.: -0.007 min  
Response: 62006  
Conc: 0.81 ng/ml



#24 Chlordane-2

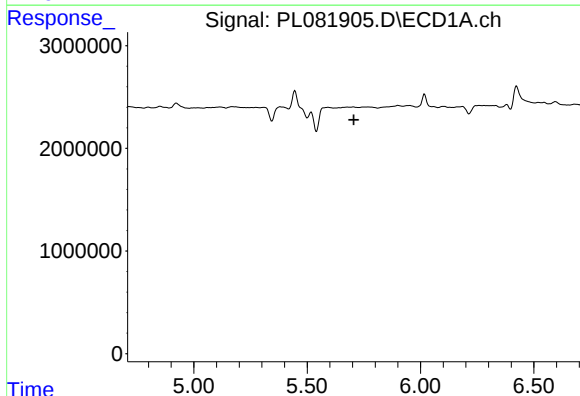
R.T.: 0.000 min  
Exp R.T.: 5.000 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



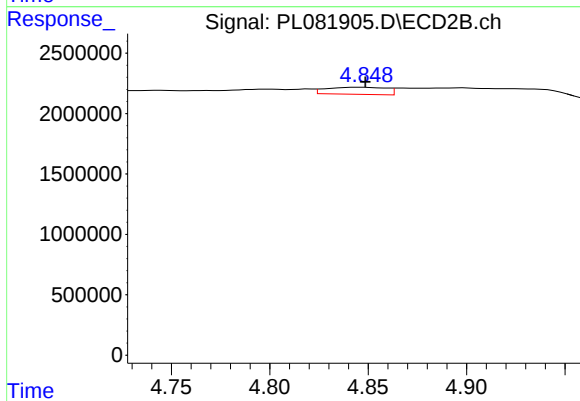
#24 Chlordane-2

R.T.: 4.230 min  
Delta R.T.: 0.009 min  
Response: 1017768  
Conc: 10.89 ng/ml



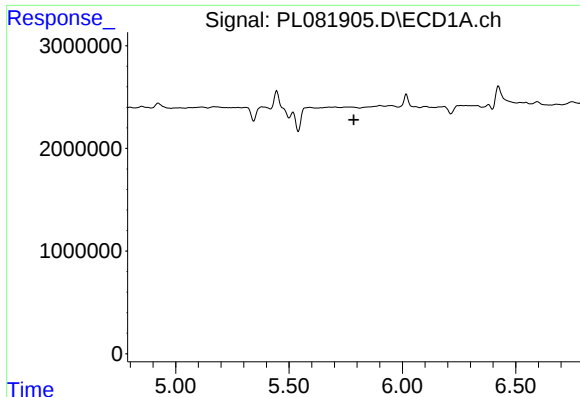
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T.: 5.705 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

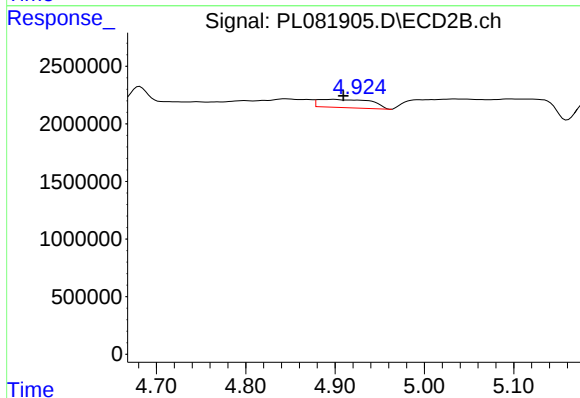
R.T.: 4.845 min  
Delta R.T.: -0.004 min  
Response: 1233446  
Conc: 4.90 ng/ml



#26 Chlordane-4

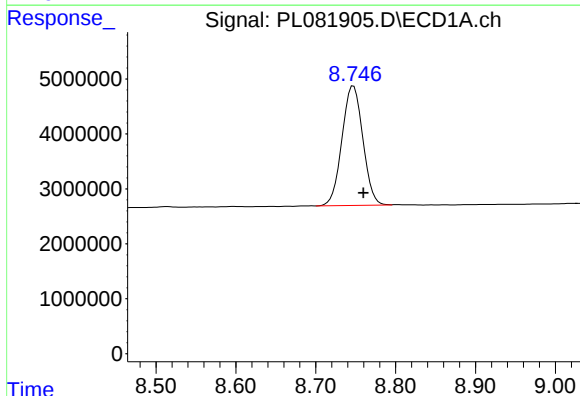
R.T.: 0.000 min  
Exp R.T.: 5.786 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



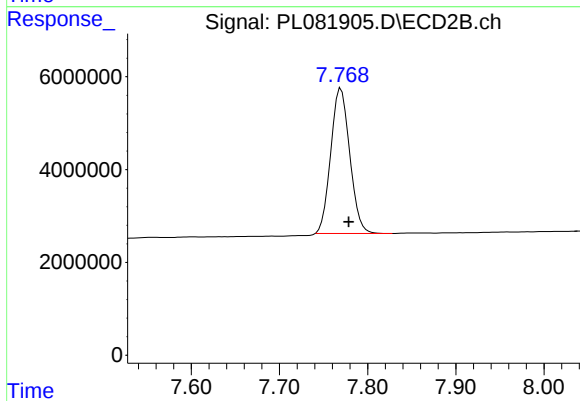
#26 Chlordane-4

R.T.: 4.898 min  
Delta R.T.: -0.011 min  
Response: 2935310  
Conc: 11.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.747 min  
Delta R.T.: -0.012 min  
Response: 39510554  
Conc: 22.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.770 min  
Delta R.T.: -0.009 min  
Response: 46936385  
Conc: 23.67 ng/ml