

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030723\  
 Data File : PL081278.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Mar 2023 09:19  
 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: Mar 07 19:25:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 03 01:48:45 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... | 3.337  | 2.667  | 44879864 | 38183933 | 20.772 | 18.867   |
| 28)                         | SA Decachlor... | 8.766  | 7.793  | 32696128 | 37912617 | 21.447 | 19.792   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.154  | 0        | 66231    | N.D.   | 0.023 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.516f | 0        | 365338   | N.D.   | 0.133 #  |
| 4)                          | MA Heptachlor   | 4.696  | 3.851f | 207183   | 70002    | 0.075  | 0.025 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.129f | 0        | 2568340  | N.D.   | 0.980 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.800  | 0        | 92268    | N.D.   | 0.079 #  |
| 7)                          | B delta-BHC     | 4.555  | 4.030  | 2847570  | 342645   | 1.025  | 0.135 #  |
| 8)                          | B Heptachlo...  | 5.459  | 4.611  | 1991969  | 1187209  | 0.844  | 0.491 #  |
| 9)                          | A Endosulfan I  | 5.834  | 0.000  | 4349138  | 0        | 2.059  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.737f | 0.000  | 5037170  | 0        | 2.207  | N.D. #   |
| 11)                         | B alpha-Chl...  | 0.000  | 4.947f | 0        | 2182868  | N.D.   | 0.891 #  |
| 12)                         | B 4,4'-DDE      | 5.972  | 5.124  | 358380   | 1961145  | 0.183  | 0.999 #  |
| 13)                         | MA Dieldrin     | 6.109  | 5.254  | 285703   | 167424   | 0.137  | 0.074 #  |
| 14)                         | MA Endrin       | 0.000  | 5.545f | 0        | 561629   | N.D.   | 0.279 #  |
| 15)                         | B Endosulfa...  | 6.559  | 0.000  | 519180   | 0        | 0.298  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.824f | 5.918  | 457852   | 144274   | 0.288  | 0.090 #  |
| 19)                         | B Endosulfa...  | 6.953f | 6.249f | 81711    | 89364    | 0.046  | 0.046    |
| 20)                         | A Methoxychlor  | 7.278  | 0.000  | 347458   | 0        | 0.403  | N.D. #   |
| 22)                         | Mirex           | 7.854f | 0.000  | 76393    | 0        | 0.052  | N.D. #   |
| 24)                         | Chlordane-2     | 0.000  | 4.214f | 0        | 3592876  | N.D.   | 35.097 # |
| 25)                         | Chlordane-3     | 5.737f | 0.000  | 5037170  | 0        | 13.771 | N.D. #   |
| 26)                         | Chlordane-4     | 0.000  | 4.947f | 0        | 2182868  | N.D.   | 7.773 #  |
| 27)                         | Chlordane-5     | 6.618f | 0.000  | 461782   | 0        | 6.127  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

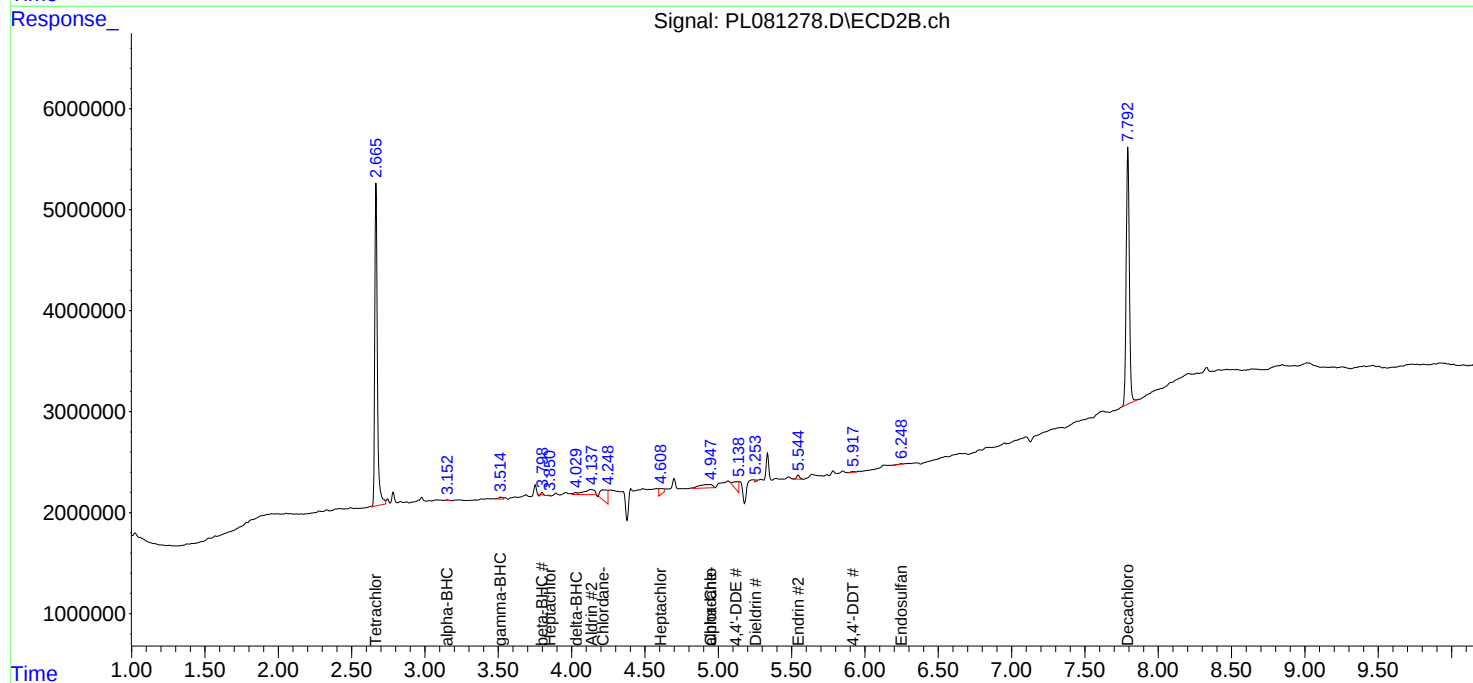
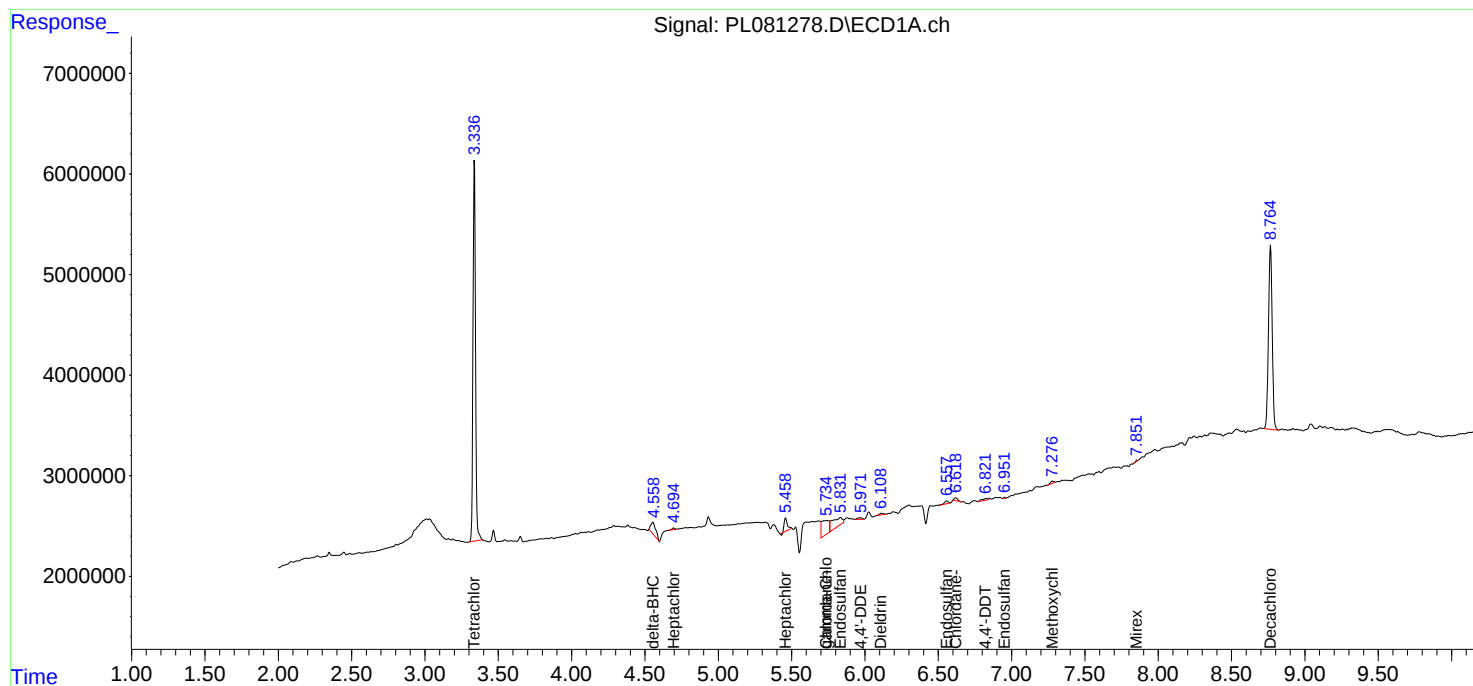
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

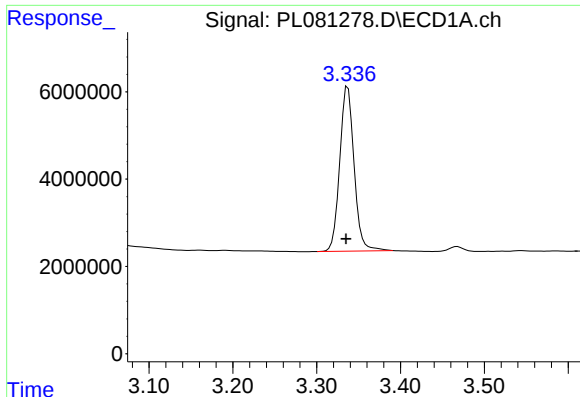
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030723\  
Data File : PL081278.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Mar 2023 09:19  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 07 19:25:27 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 03 01:48:45 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

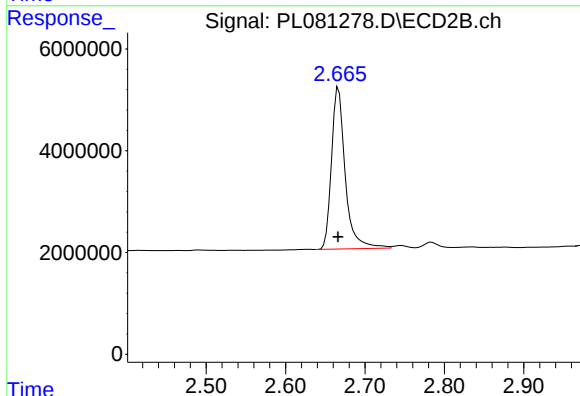




#1 Tetrachloro-m-xylene

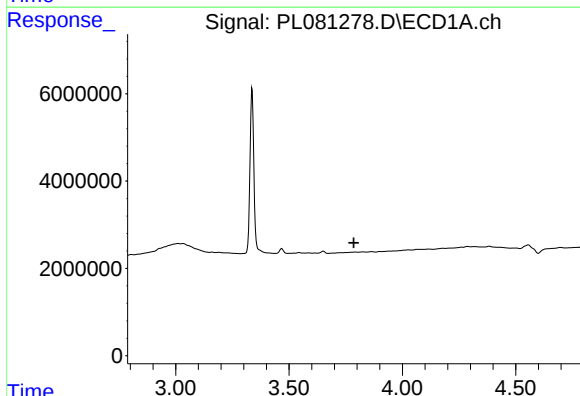
R.T.: 3.337 min  
Delta R.T.: 0.002 min  
Response: 44879864  
Conc: 20.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



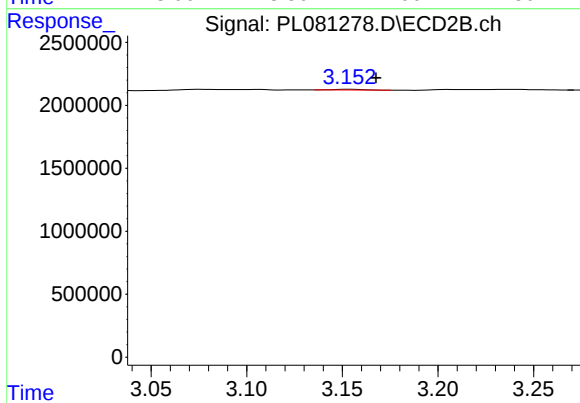
#1 Tetrachloro-m-xylene

R.T.: 2.667 min  
Delta R.T.: 0.000 min  
Response: 38183933  
Conc: 18.87 ng/ml



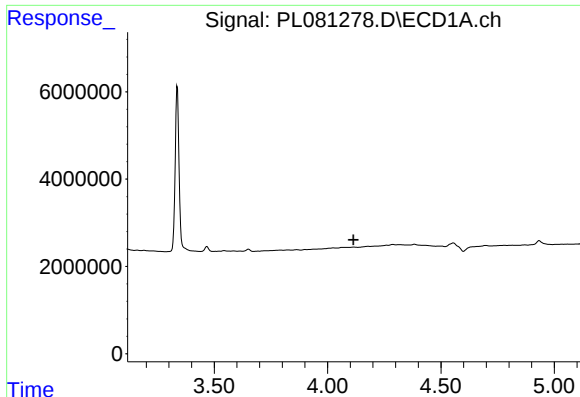
#2 alpha-BHC

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



#2 alpha-BHC

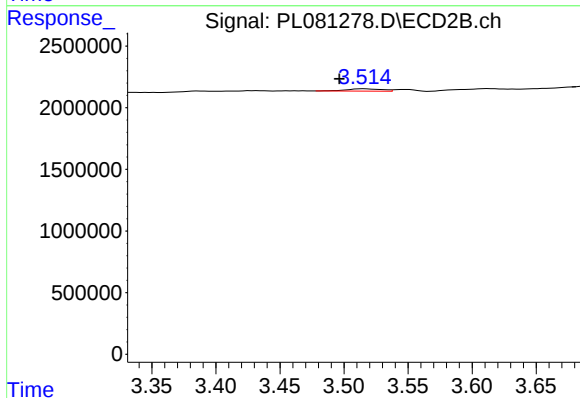
R.T.: 3.154 min  
Delta R.T.: -0.014 min  
Response: 66231  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

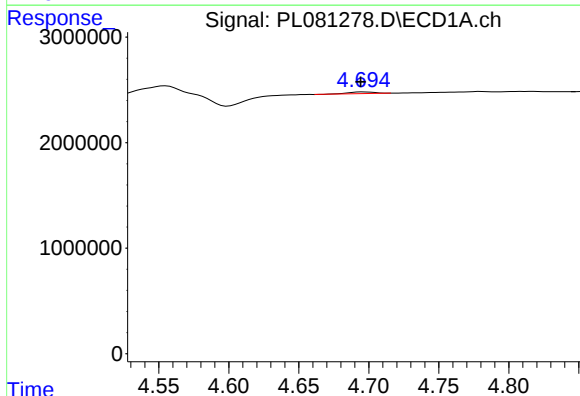
R.T.: 0.000 min  
Exp R.T.: 4.114 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



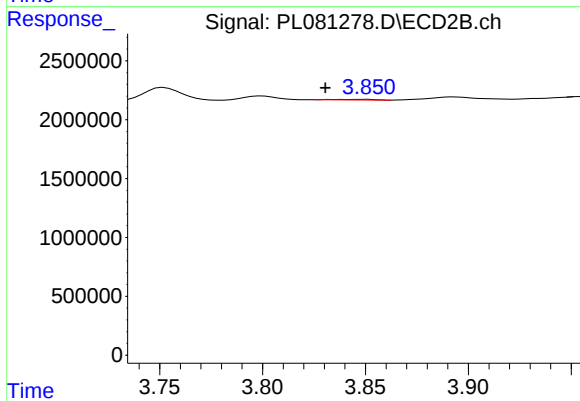
#3 gamma-BHC (Lindane)

R.T.: 3.516 min  
Delta R.T.: 0.019 min  
Response: 365338  
Conc: 0.13 ng/ml



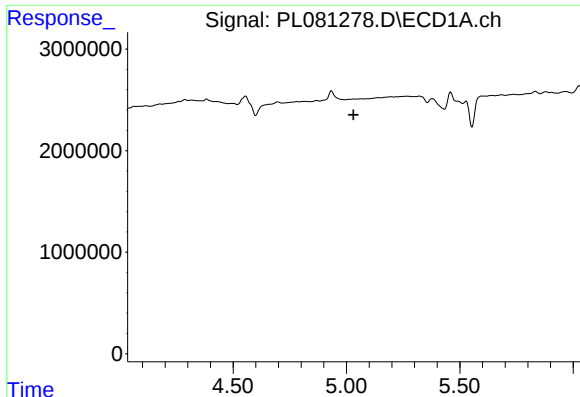
#4 Heptachlor

R.T.: 4.696 min  
Delta R.T.: 0.002 min  
Response: 207183  
Conc: 0.08 ng/ml



#4 Heptachlor

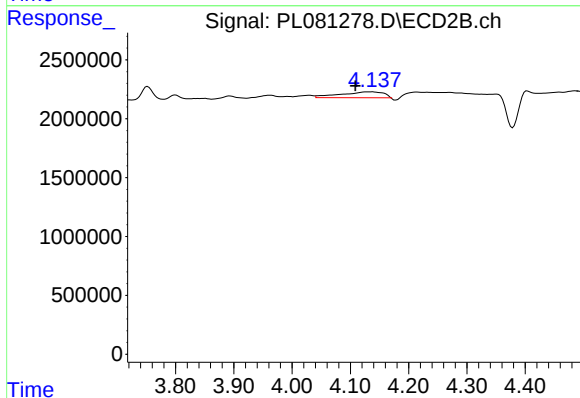
R.T.: 3.851 min  
Delta R.T.: 0.021 min  
Response: 70002  
Conc: 0.03 ng/ml



#5 Aldrin

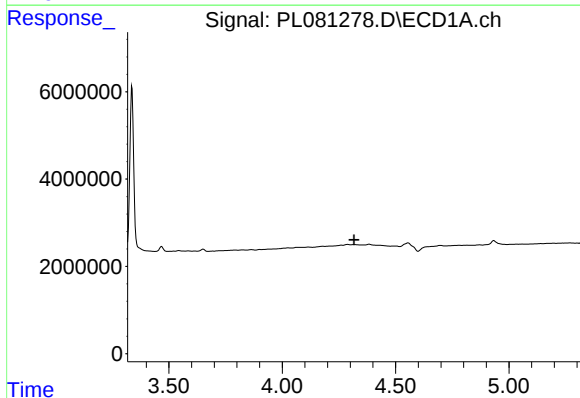
R.T.: 0.000 min  
Exp R.T.: 5.032 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



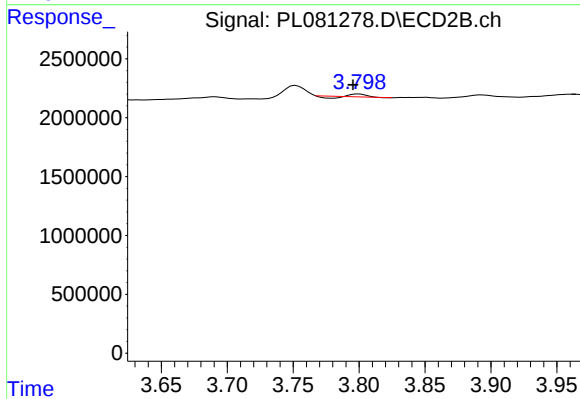
#5 Aldrin

R.T.: 4.129 min  
Delta R.T.: 0.020 min  
Response: 2568340  
Conc: 0.98 ng/ml



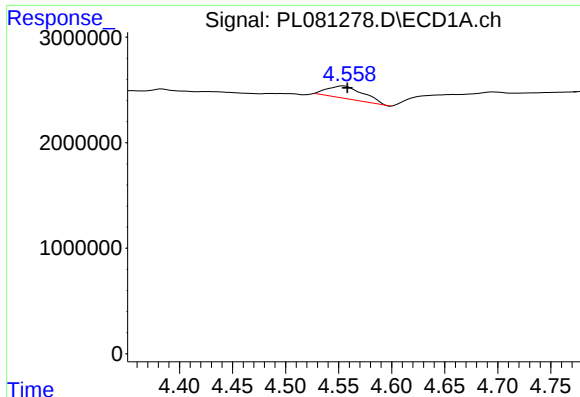
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.317 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

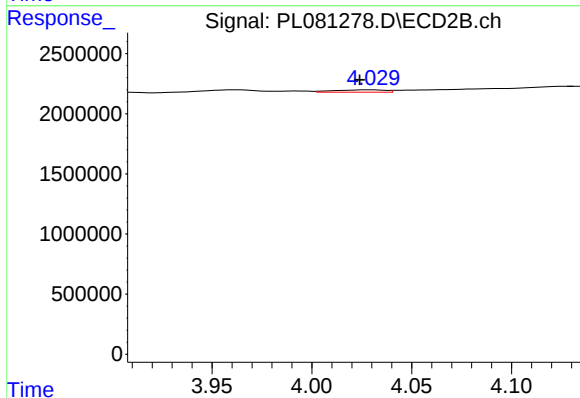
R.T.: 3.800 min  
Delta R.T.: 0.004 min  
Response: 92268  
Conc: 0.08 ng/ml



#7 delta-BHC

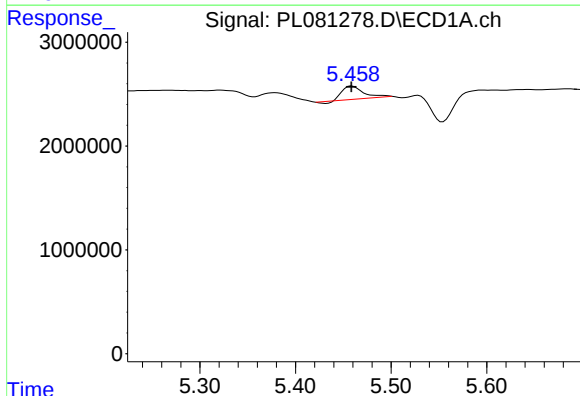
R.T.: 4.555 min  
Delta R.T.: -0.003 min  
Response: 2847570  
Conc: 1.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



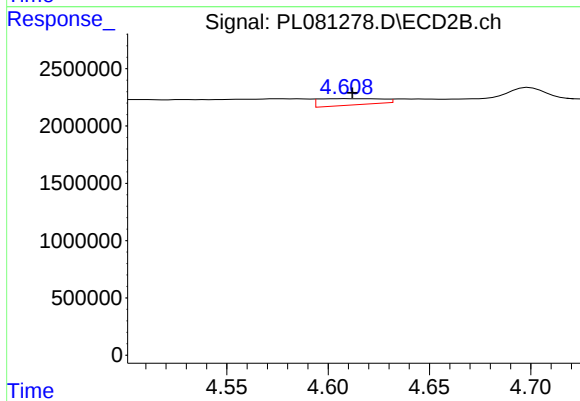
#7 delta-BHC

R.T.: 4.030 min  
Delta R.T.: 0.007 min  
Response: 342645  
Conc: 0.13 ng/ml



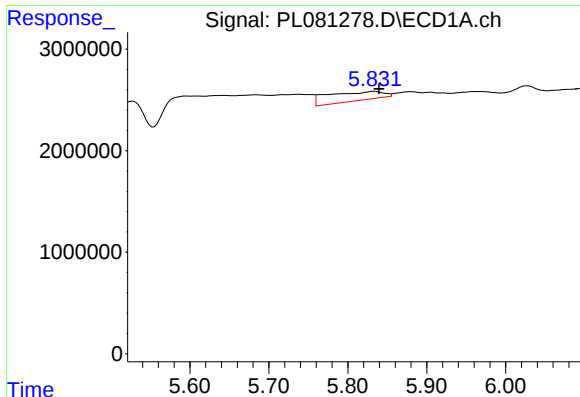
#8 Heptachlor epoxide

R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 1991969  
Conc: 0.84 ng/ml



#8 Heptachlor epoxide

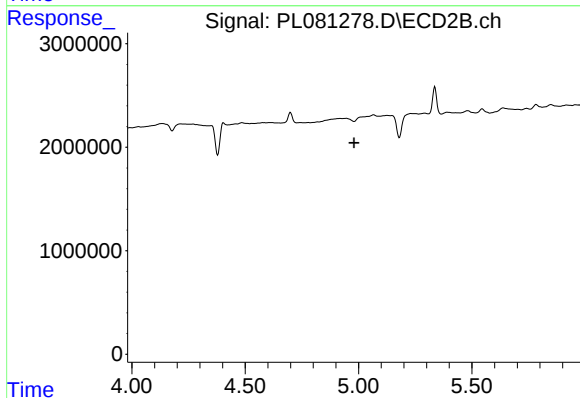
R.T.: 4.611 min  
Delta R.T.: -0.001 min  
Response: 1187209  
Conc: 0.49 ng/ml



#9 Endosulfan I

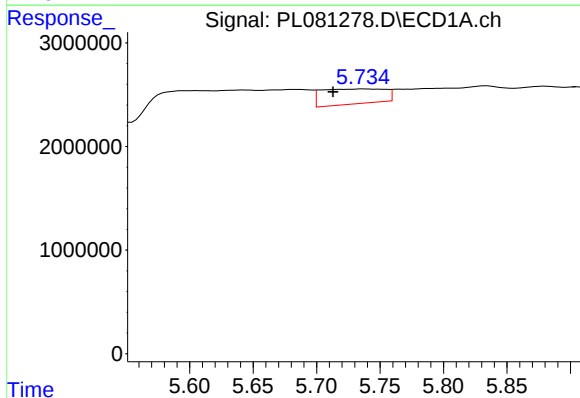
R.T.: 5.834 min  
Delta R.T.: -0.006 min  
Response: 4349138  
Conc: 2.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



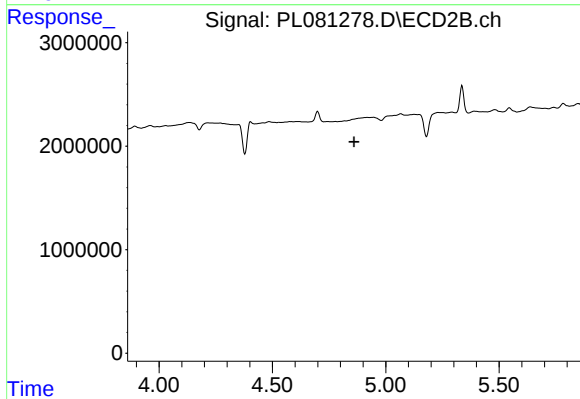
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 4.980 min  
Response: 0  
Conc: N.D.



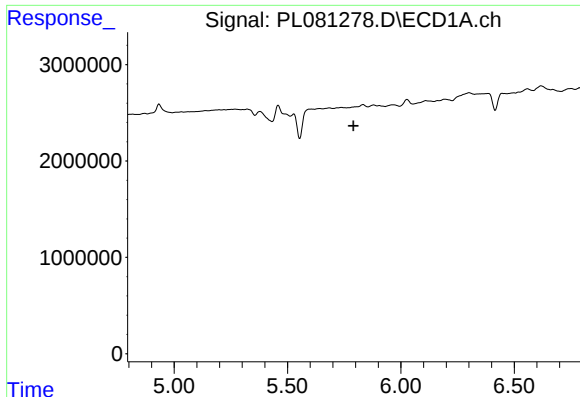
#10 gamma-Chlordane

R.T.: 5.737 min  
Delta R.T.: 0.024 min  
Response: 5037170  
Conc: 2.21 ng/ml



#10 gamma-Chlordane

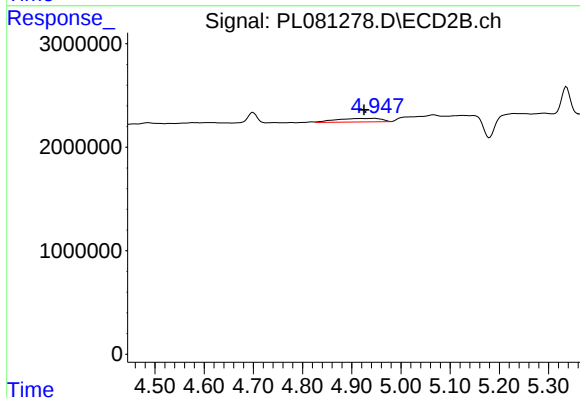
R.T.: 0.000 min  
Exp R.T. : 4.861 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

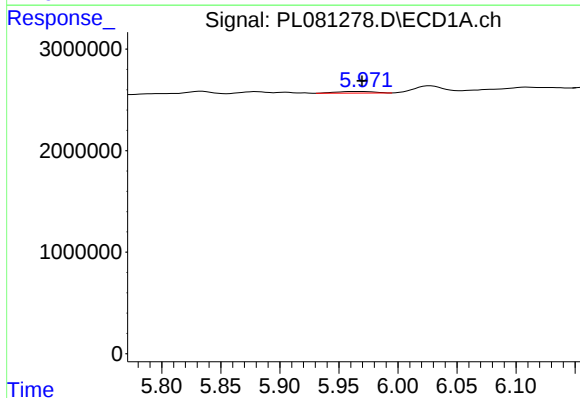
R.T.: 0.000 min  
Exp R.T.: 5.791 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



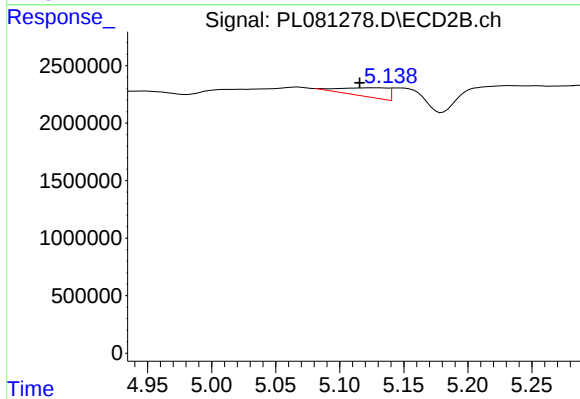
#11 alpha-Chlordane

R.T.: 4.947 min  
Delta R.T.: 0.023 min  
Response: 2182868  
Conc: 0.89 ng/ml



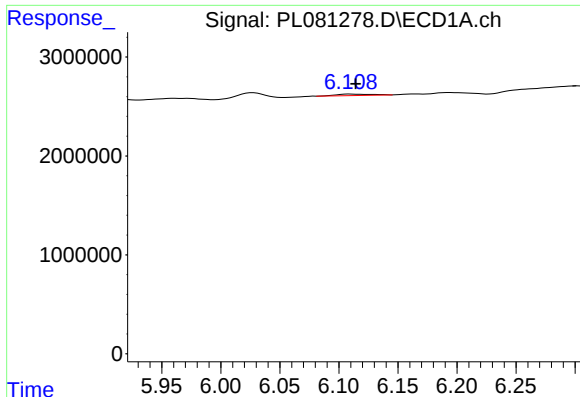
#12 4,4'-DDE

R.T.: 5.972 min  
Delta R.T.: 0.002 min  
Response: 358380  
Conc: 0.18 ng/ml



#12 4,4'-DDE

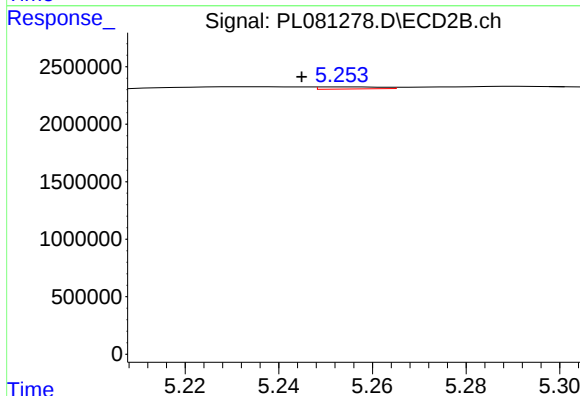
R.T.: 5.124 min  
Delta R.T.: 0.008 min  
Response: 1961145  
Conc: 1.00 ng/ml



#13 Dieldrin

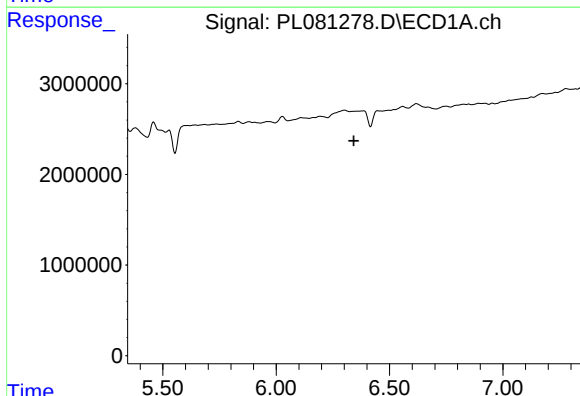
R.T.: 6.109 min  
Delta R.T.: -0.005 min  
Response: 285703  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



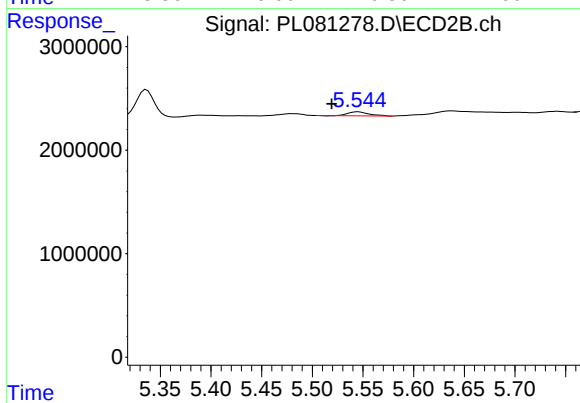
#13 Dieldrin

R.T.: 5.254 min  
Delta R.T.: 0.009 min  
Response: 167424  
Conc: 0.07 ng/ml



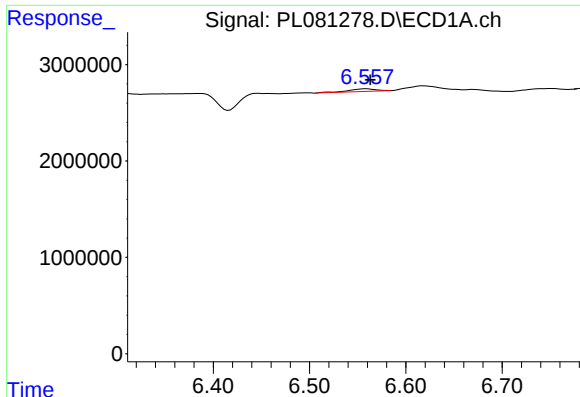
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.342 min  
Response: 0  
Conc: N.D.



#14 Endrin

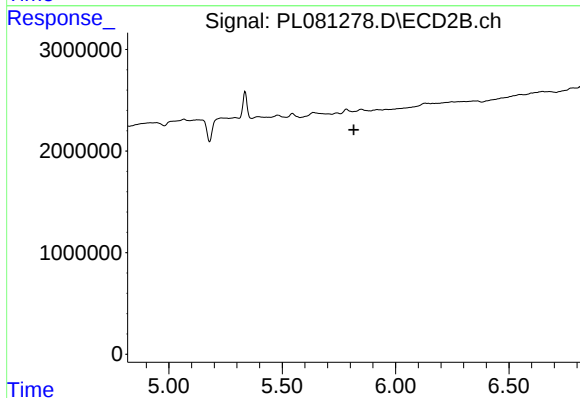
R.T.: 5.545 min  
Delta R.T.: 0.026 min  
Response: 561629  
Conc: 0.28 ng/ml



#15 Endosulfan II

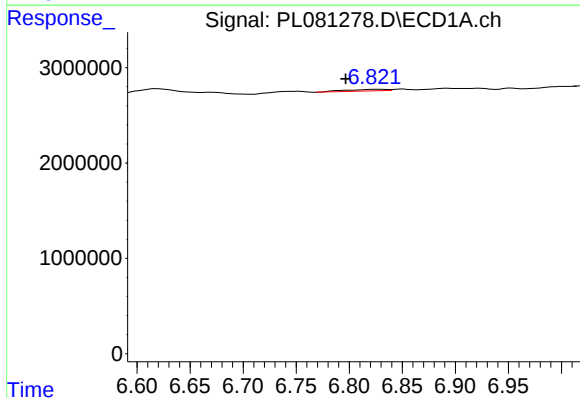
R.T.: 6.559 min  
Delta R.T.: -0.005 min  
Response: 519180  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



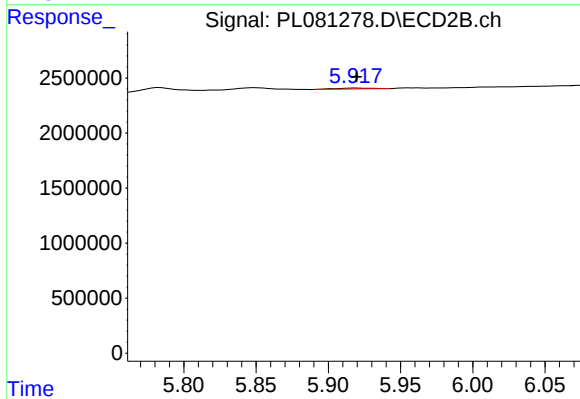
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 5.816 min  
Response: 0  
Conc: N.D.



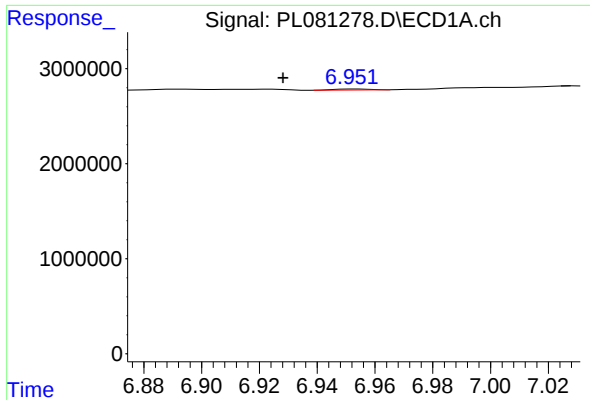
#17 4,4'-DDT

R.T.: 6.824 min  
Delta R.T.: 0.027 min  
Response: 457852  
Conc: 0.29 ng/ml



#17 4,4'-DDT

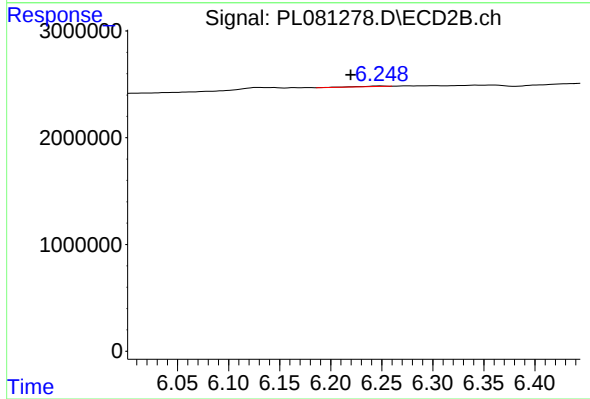
R.T.: 5.918 min  
Delta R.T.: -0.001 min  
Response: 144274  
Conc: 0.09 ng/ml



#19 Endosulfan Sulfate

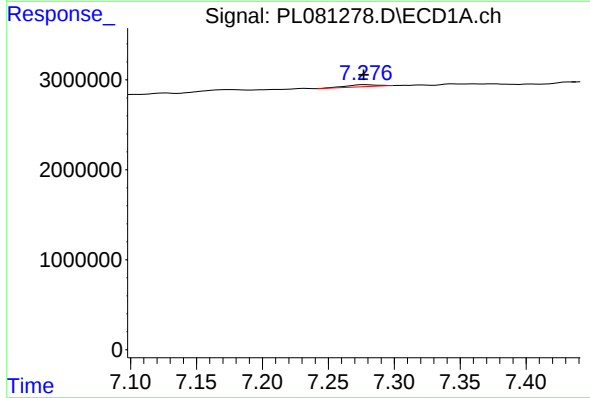
R.T.: 6.953 min  
Delta R.T.: 0.025 min  
Response: 81711  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



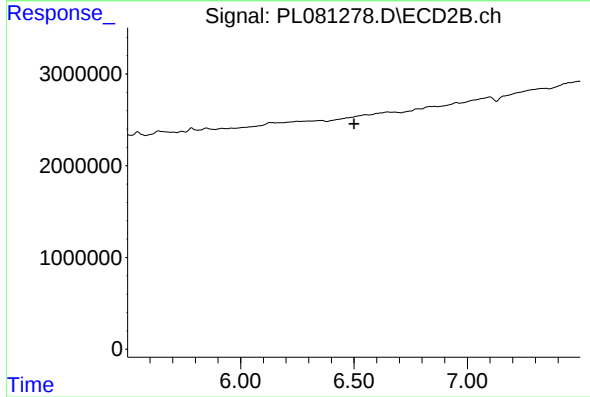
#19 Endosulfan Sulfate

R.T.: 6.249 min  
Delta R.T.: 0.029 min  
Response: 89364  
Conc: 0.05 ng/ml



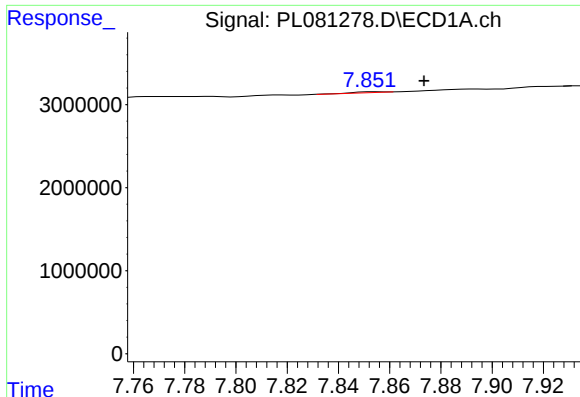
#20 Methoxychlor

R.T.: 7.278 min  
Delta R.T.: 0.001 min  
Response: 347458  
Conc: 0.40 ng/ml



#20 Methoxychlor

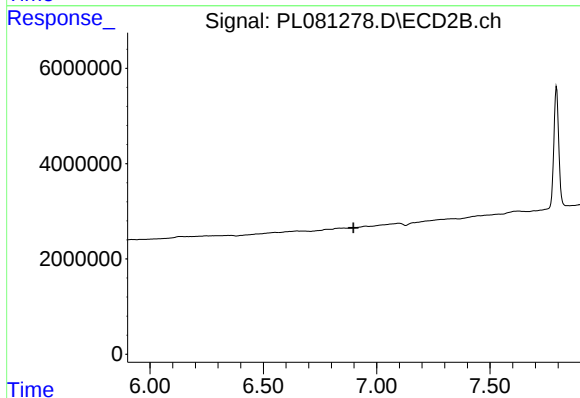
R.T.: 0.000 min  
Exp R.T.: 6.500 min  
Response: 0  
Conc: N.D.



#22 Mirex

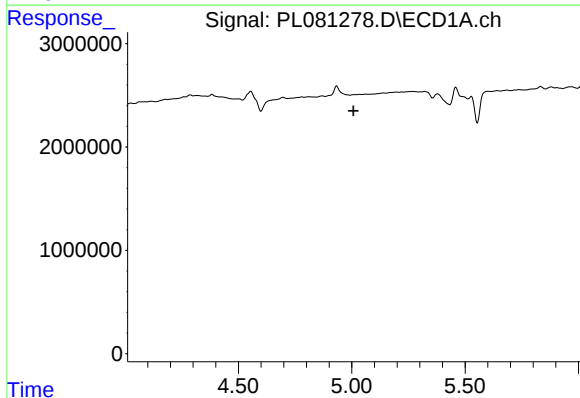
R.T.: 7.854 min  
Delta R.T.: -0.019 min  
Response: 76393  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



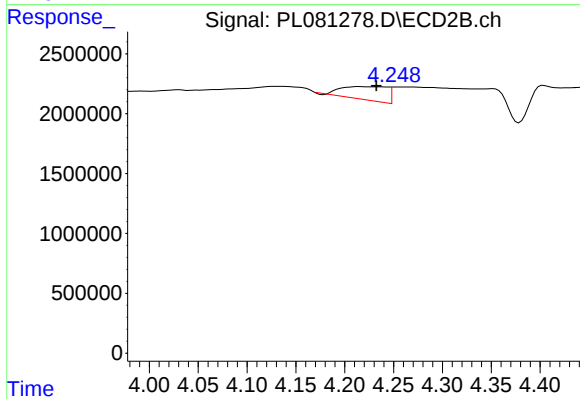
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 6.898 min  
Response: 0  
Conc: N.D.



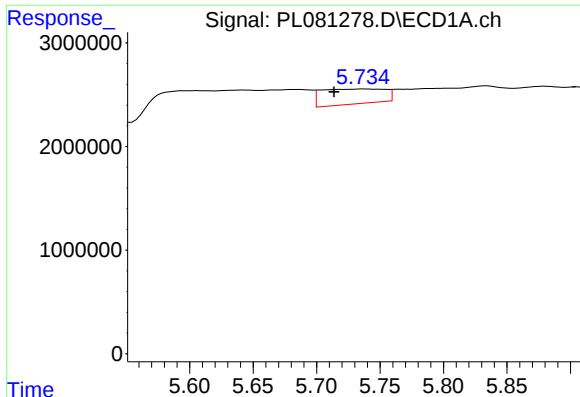
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.008 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

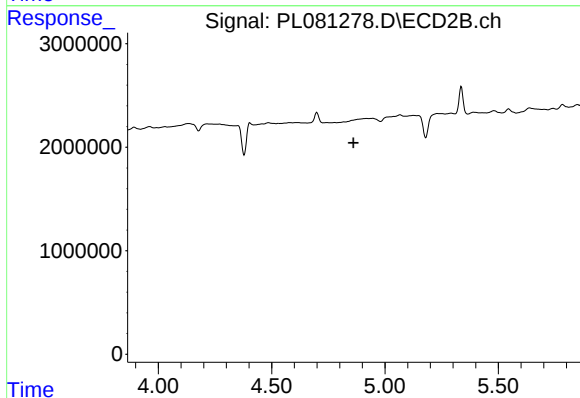
R.T.: 4.214 min  
Delta R.T.: -0.018 min  
Response: 3592876  
Conc: 35.10 ng/ml



#25 Chlordane-3

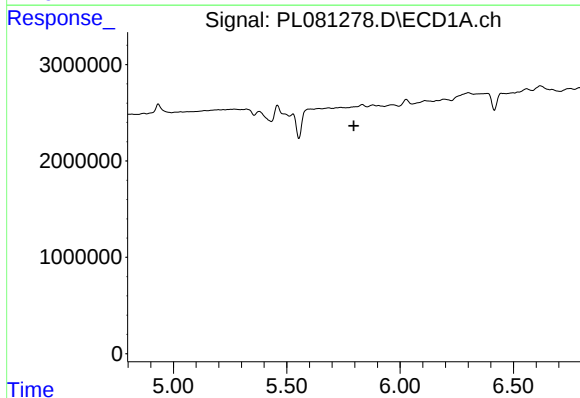
R.T.: 5.737 min  
Delta R.T.: 0.023 min  
Response: 5037170  
Conc: 13.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



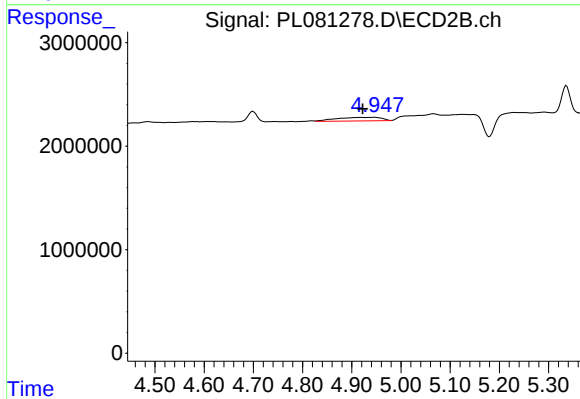
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 4.861 min  
Response: 0  
Conc: N.D.



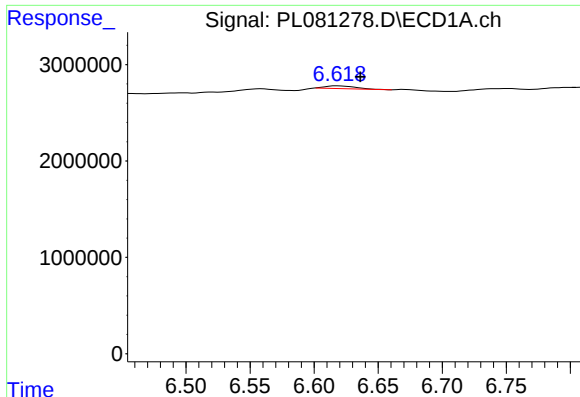
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 5.795 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

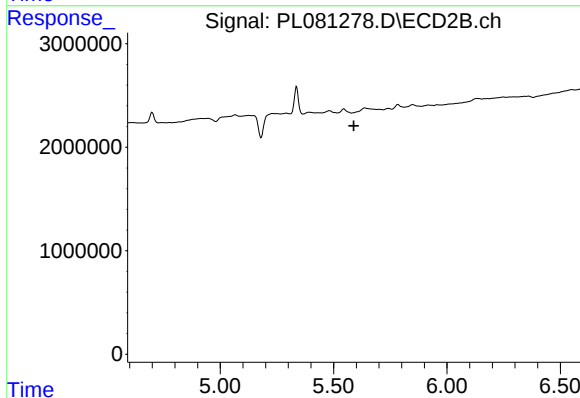
R.T.: 4.947 min  
Delta R.T.: 0.025 min  
Response: 2182868  
Conc: 7.77 ng/ml



#27 Chlordane-5

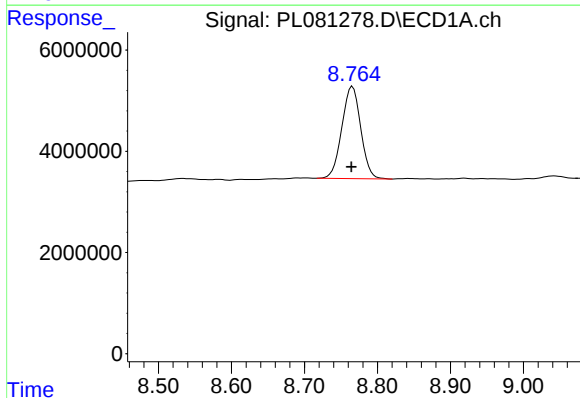
R.T.: 6.618 min  
Delta R.T.: -0.018 min  
Response: 461782  
Conc: 6.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



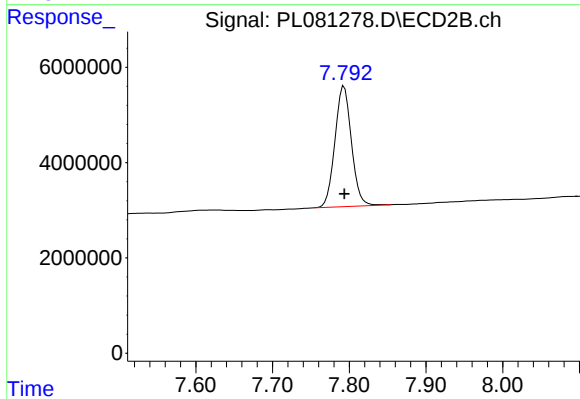
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 5.589 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.766 min  
Delta R.T.: 0.002 min  
Response: 32696128  
Conc: 21.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.793 min  
Delta R.T.: 0.000 min  
Response: 37912617  
Conc: 19.79 ng/ml