

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122822\  
 Data File : PL079935.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Dec 2022 14:23  
 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: Dec 28 21:07:03 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122322.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Dec 25 19:58:15 2022  
 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... | 3.316  | 2.565  | 37309389 | 57371495 | 15.911 | 20.249 # |
| 2)                          | SA Decachlor... | 8.761  | 7.628  | 34362070 | 45509348 | 17.484 | 19.946   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.806f | 3.036  | 219573   | 278605   | 0.061  | 0.062    |
| 3)                          | MA gamma-BHC... | 4.125  | 0.000  | 264826   | 0        | 0.078  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.681  | 3.721f | 215820   | 114926   | 0.064  | 0.028 #  |
| 5)                          | MB Aldrin       | 0.000  | 3.987f | 0        | 793387   | N.D.   | 0.205 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.674  | 0        | 488053   | N.D.   | 0.316 #  |
| 7)                          | B delta-BHC     | 0.000  | 3.894  | 0        | 197148   | N.D.   | 0.049 #  |
| 8)                          | B Heptachlo...  | 5.458  | 4.458  | 20328913 | 927406   | 7.533  | 0.267 #  |
| 9)                          | A Endosulfan I  | 5.834  | 0.000  | 150064   | 0        | 0.055  | N.D. #   |
| 10)                         | B gamma-Chl...  | 0.000  | 4.707  | 0        | 2348097  | N.D.   | 0.669 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 4.768  | 0        | 7108087  | N.D.   | 2.066 #  |
| 12)                         | B 4,4'-DDE      | 5.949f | 4.964  | 717298   | 1911407  | 0.279  | 0.597 #  |
| 13)                         | MA Dieldrin     | 6.126  | 5.091  | 337591   | 9002588  | 0.121  | 2.597 #  |
| 14)                         | MA Endrin       | 0.000  | 5.386f | 0        | 786674   | N.D.   | 0.266 #  |
| 15)                         | B Endosulfa...  | 6.560f | 5.667  | 5348435  | 1272202  | 2.135  | 0.436 #  |
| 16)                         | A 4,4'-DDD      | 6.479f | 0.000  | 6725060  | 0        | 3.195  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.808  | 5.764  | 1019134  | 569372   | 0.433  | 0.213 #  |
| 18)                         | B Endrin al...  | 6.719  | 0.000  | 1628095  | 0        | 0.866  | N.D. #   |
| 19)                         | B Endosulfa...  | 6.939  | 6.058  | 83014    | 491256   | 0.035  | 0.172 #  |
| 22)                         | Mirex           | 7.869f | 0.000  | 53254    | 0        | 0.027  | N.D. #   |
| 23)                         | Chlordane-1     | 0.000  | 3.533  | 0        | 515134   | N.D.   | 4.661 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.093  | 0        | 6241350  | N.D.   | 53.277 # |
| 25)                         | Chlordane-3     | 0.000  | 4.707  | 0        | 2348097  | N.D.   | 6.877 #  |
| 26)                         | Chlordane-4     | 0.000  | 4.768  | 0        | 7108087  | N.D.   | 19.394 # |
| -----                       |                 |        |        |          |          |        |          |

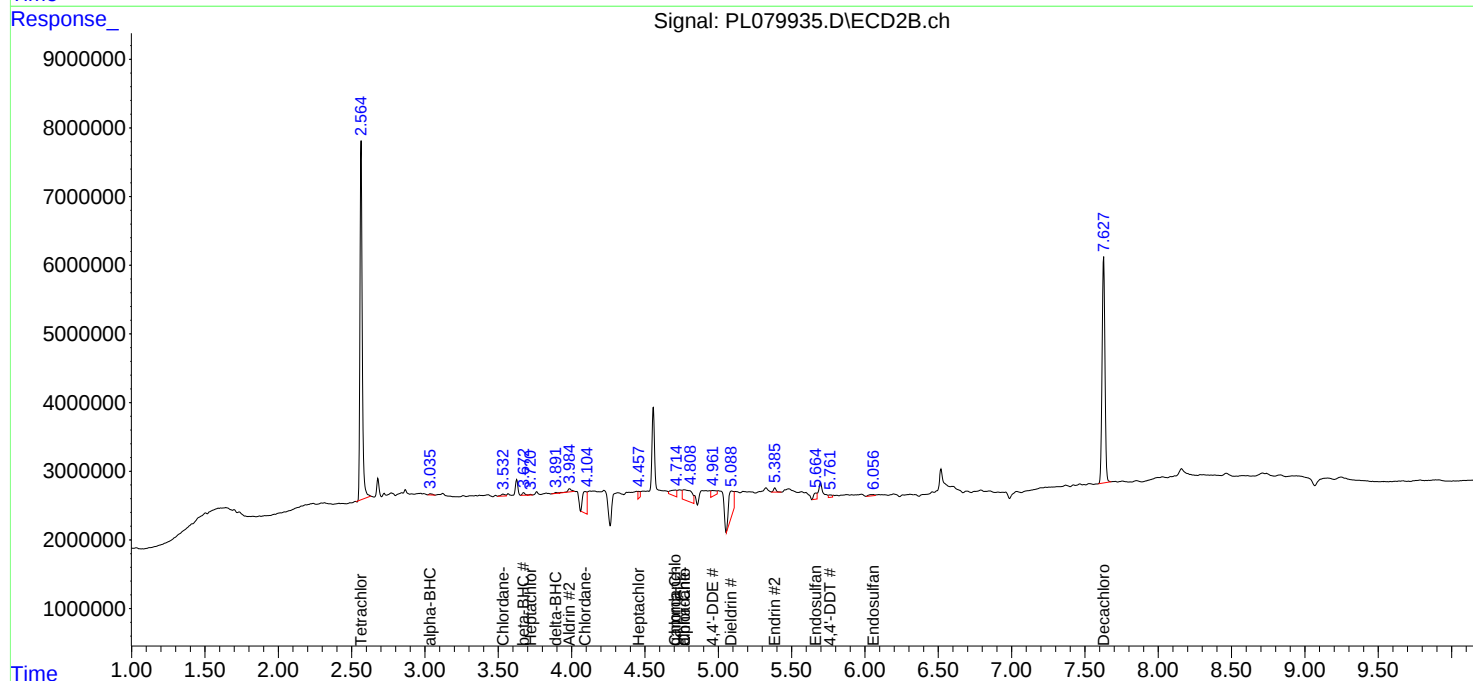
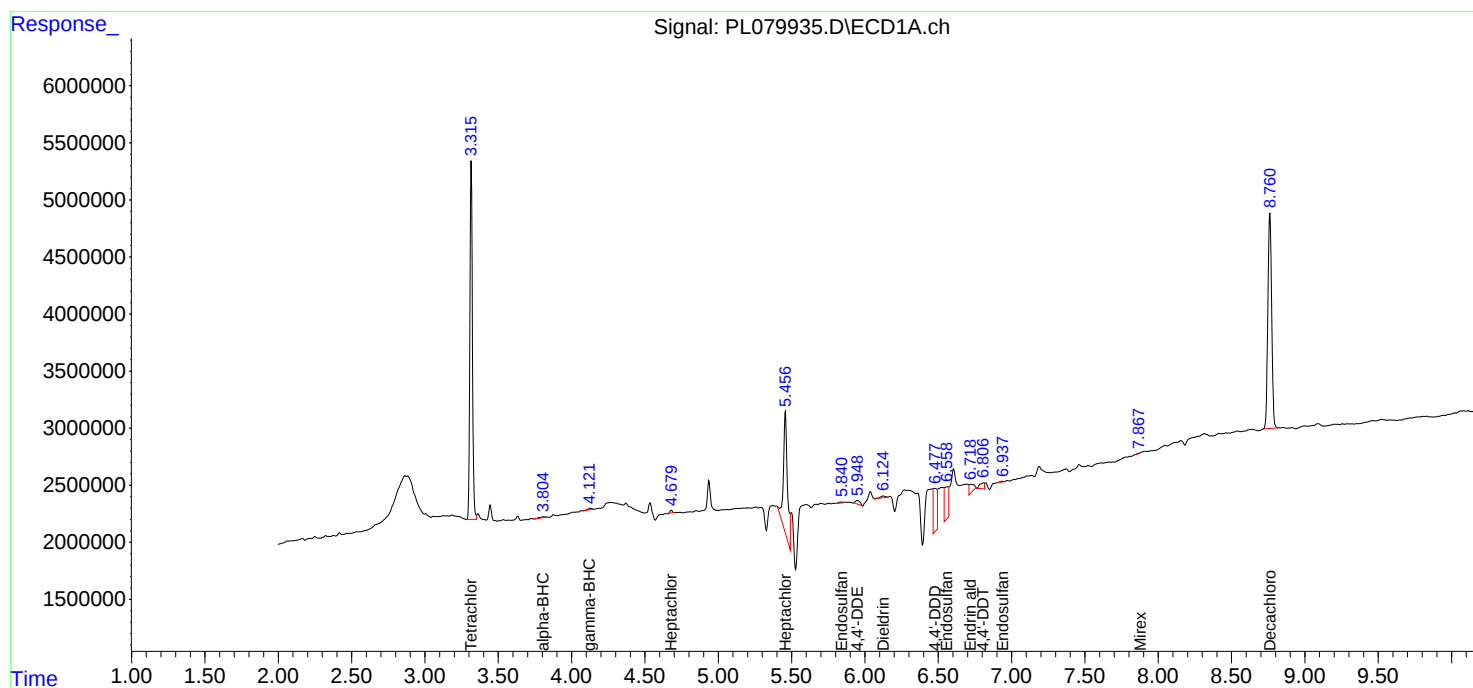
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

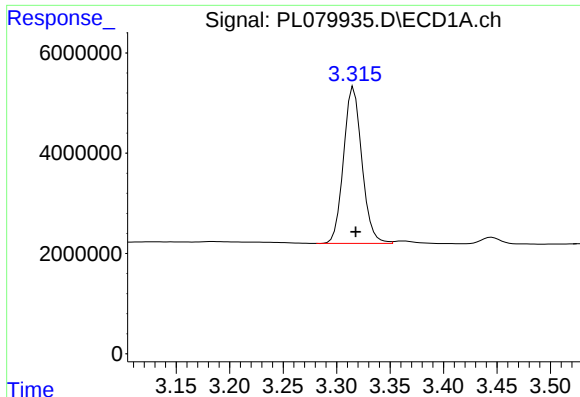
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122822\  
Data File : PL079935.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Dec 2022 14:23  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 28 21:07:03 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122322.M  
Quant Title : GC Extractables  
QLast Update : Sun Dec 25 19:58:15 2022  
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

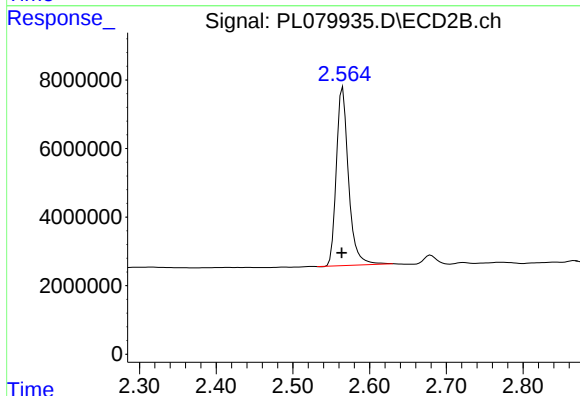




#1 Tetrachloro-m-xylene

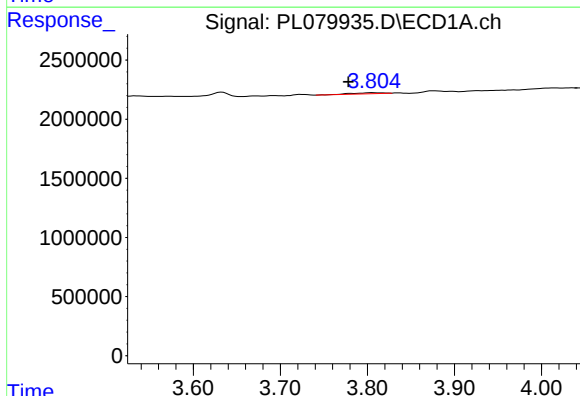
R.T.: 3.316 min  
Delta R.T.: -0.002 min  
Response: 37309389  
Conc: 15.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



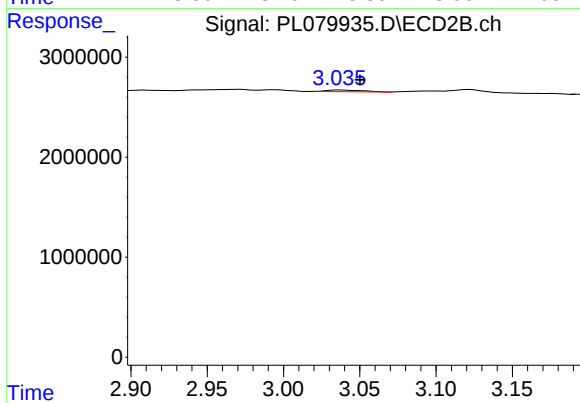
#1 Tetrachloro-m-xylene

R.T.: 2.565 min  
Delta R.T.: 0.001 min  
Response: 57371495  
Conc: 20.25 ng/ml



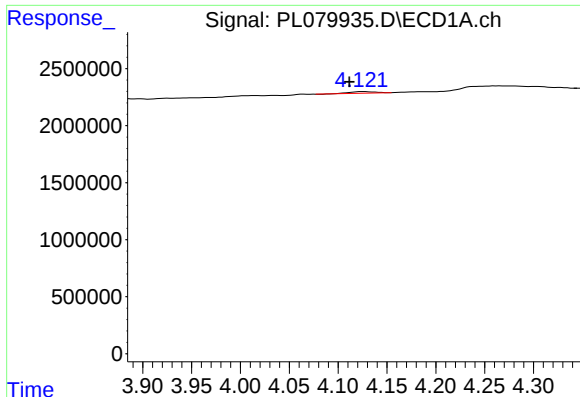
#2 alpha-BHC

R.T.: 3.806 min  
Delta R.T.: 0.028 min  
Response: 219573  
Conc: 0.06 ng/ml



#2 alpha-BHC

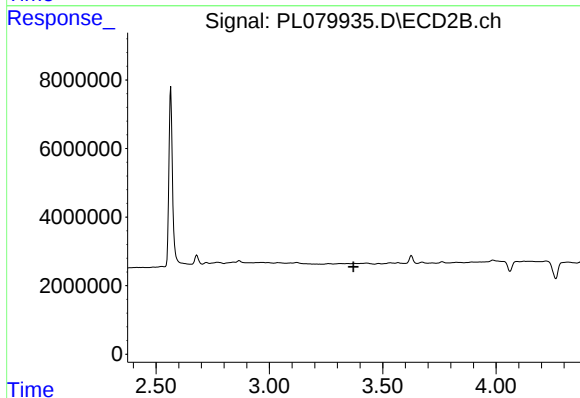
R.T.: 3.036 min  
Delta R.T.: -0.014 min  
Response: 278605  
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

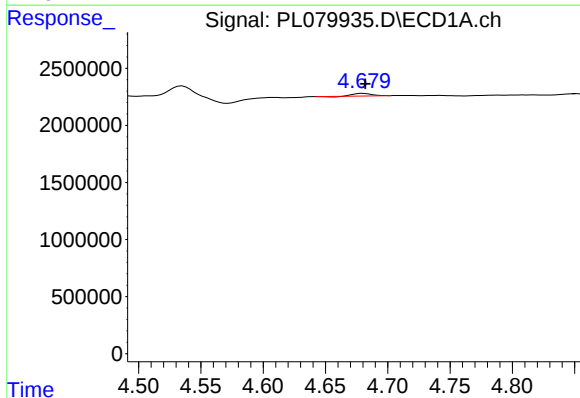
R.T.: 4.125 min  
Delta R.T.: 0.013 min  
Response: 264826  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



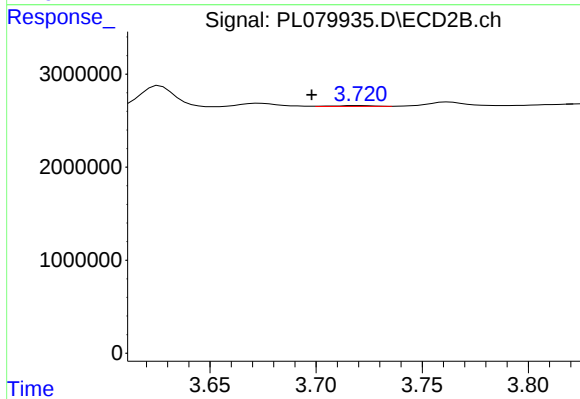
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.372 min  
Response: 0  
Conc: N.D.



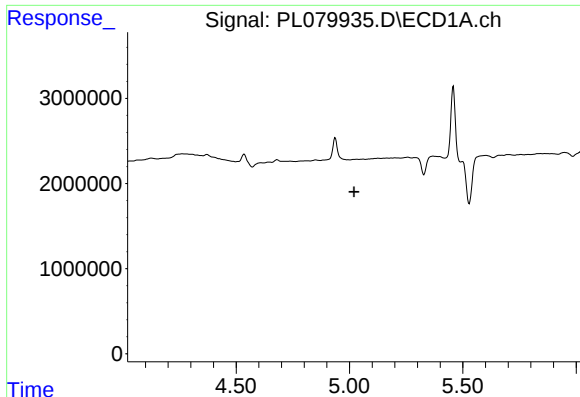
#4 Heptachlor

R.T.: 4.681 min  
Delta R.T.: -0.002 min  
Response: 215820  
Conc: 0.06 ng/ml



#4 Heptachlor

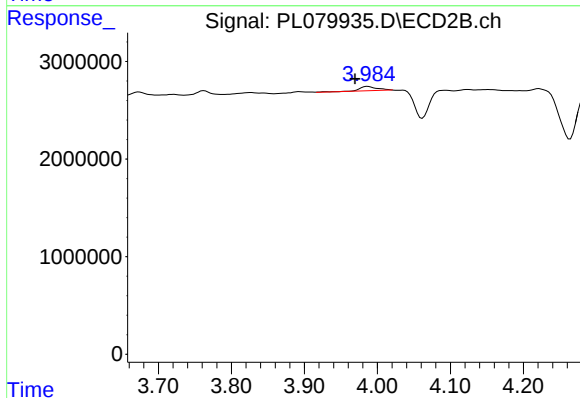
R.T.: 3.721 min  
Delta R.T.: 0.023 min  
Response: 114926  
Conc: 0.03 ng/ml



#5 Aldrin

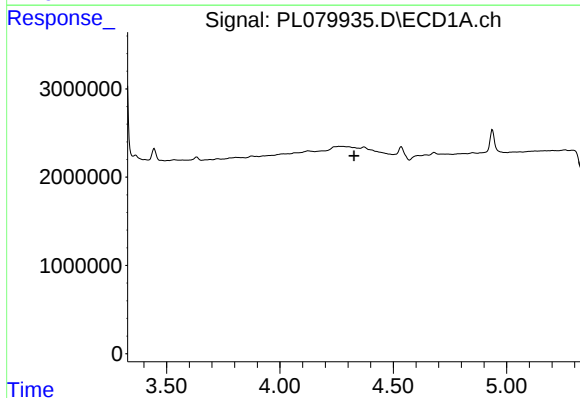
R.T.: 0.000 min  
Exp R.T.: 5.021 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



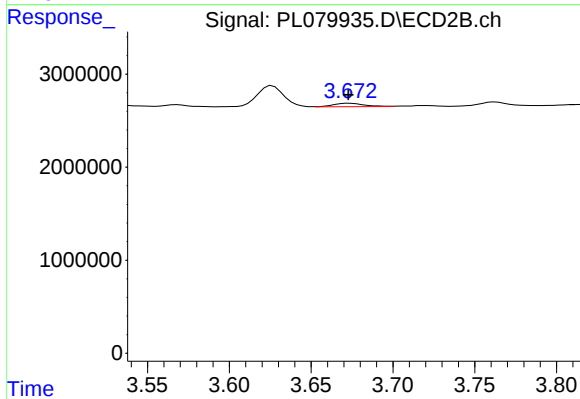
#5 Aldrin

R.T.: 3.987 min  
Delta R.T.: 0.017 min  
Response: 793387  
Conc: 0.21 ng/ml



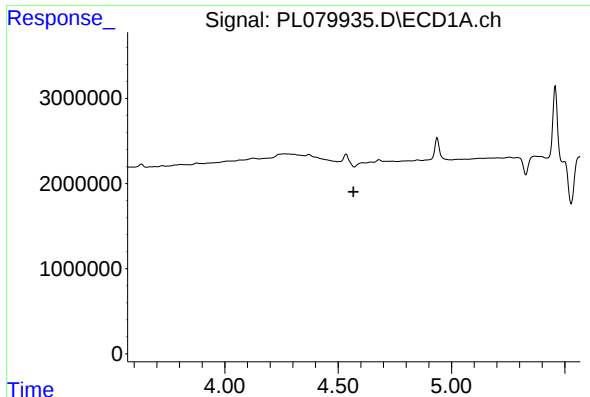
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.327 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

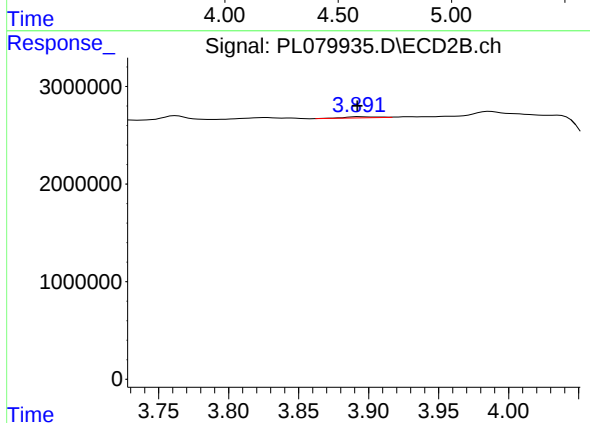
R.T.: 3.674 min  
Delta R.T.: 0.000 min  
Response: 488053  
Conc: 0.32 ng/ml



#7 delta-BHC

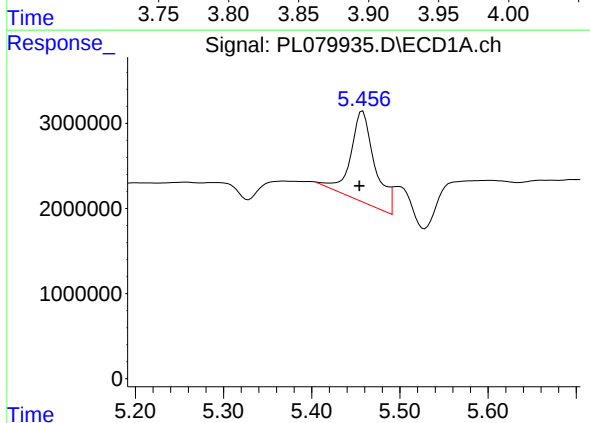
R.T.: 0.000 min  
Exp R.T.: 4.568 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



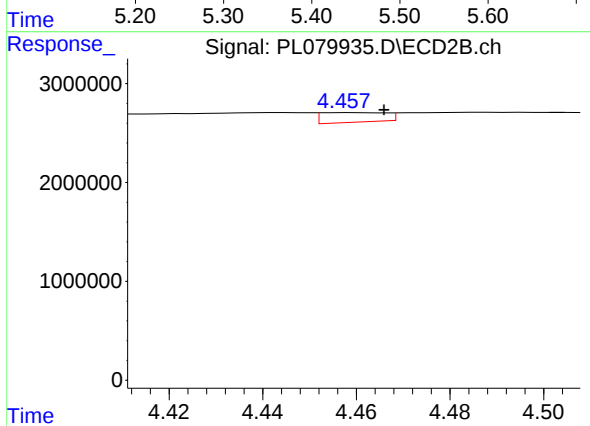
#7 delta-BHC

R.T.: 3.894 min  
Delta R.T.: 0.002 min  
Response: 197148  
Conc: 0.05 ng/ml



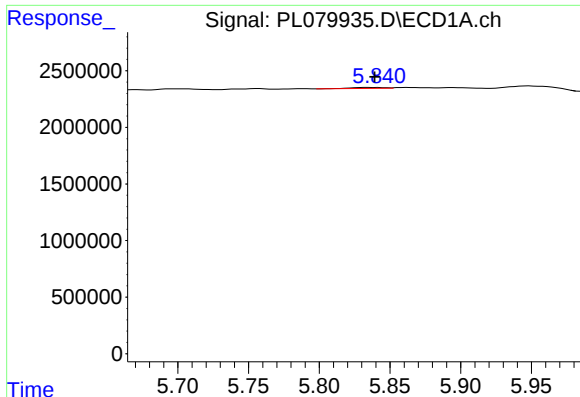
#8 Heptachlor epoxide

R.T.: 5.458 min  
Delta R.T.: 0.004 min  
Response: 20328913  
Conc: 7.53 ng/ml



#8 Heptachlor epoxide

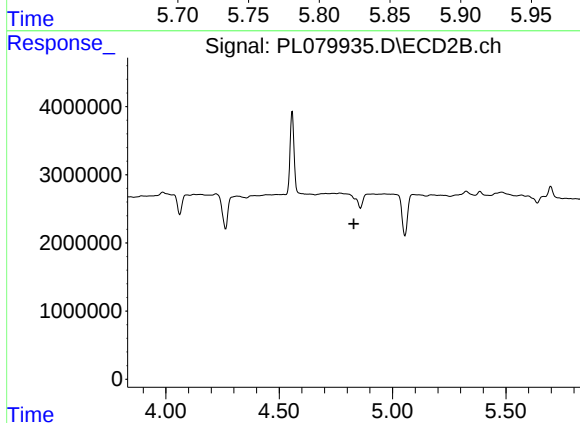
R.T.: 4.458 min  
Delta R.T.: -0.008 min  
Response: 927406  
Conc: 0.27 ng/ml



#9 Endosulfan I

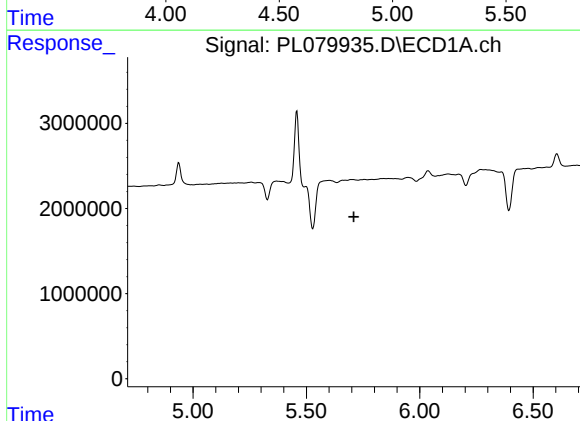
R.T.: 5.834 min  
Delta R.T.: -0.005 min  
Response: 150064  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



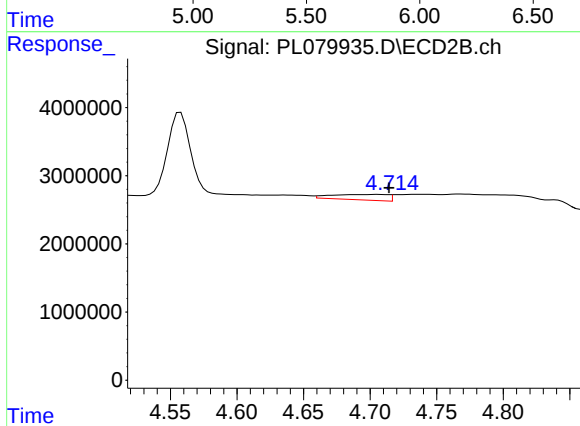
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 4.829 min  
Response: 0  
Conc: N.D.



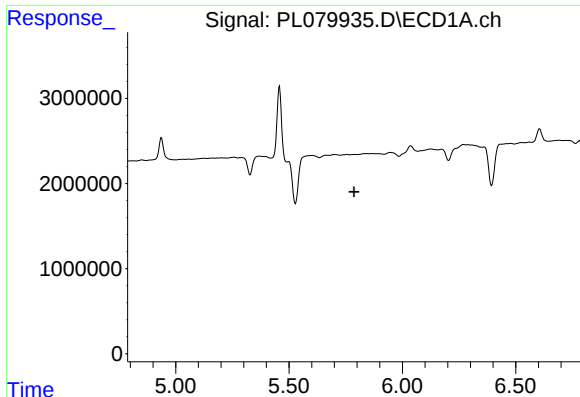
#10 gamma-Chlordane

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



#10 gamma-Chlordane

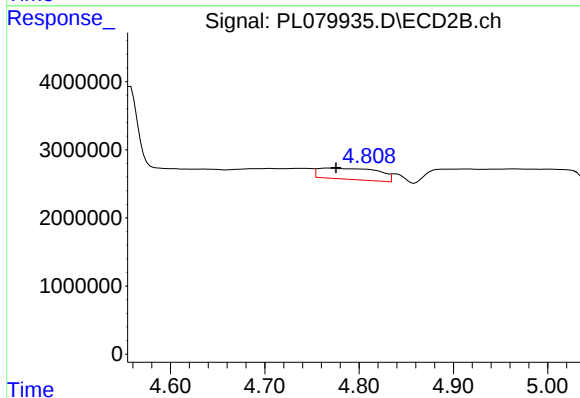
R.T.: 4.707 min  
Delta R.T.: -0.008 min  
Response: 2348097  
Conc: 0.67 ng/ml



#11 alpha-Chlordane

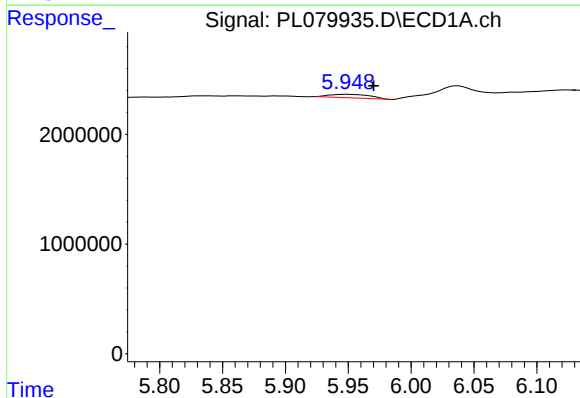
R.T.: 0.000 min  
Exp R.T.: 5.787 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



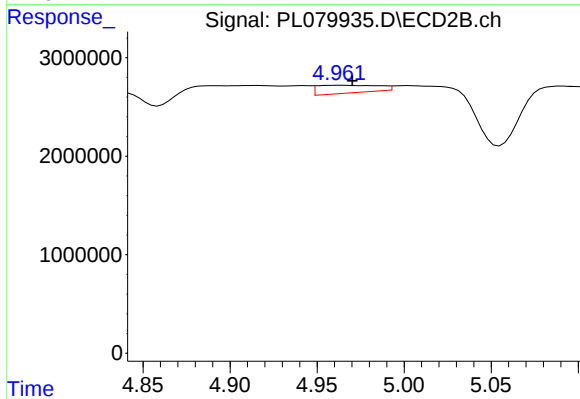
#11 alpha-Chlordane

R.T.: 4.768 min  
Delta R.T.: -0.008 min  
Response: 7108087  
Conc: 2.07 ng/ml



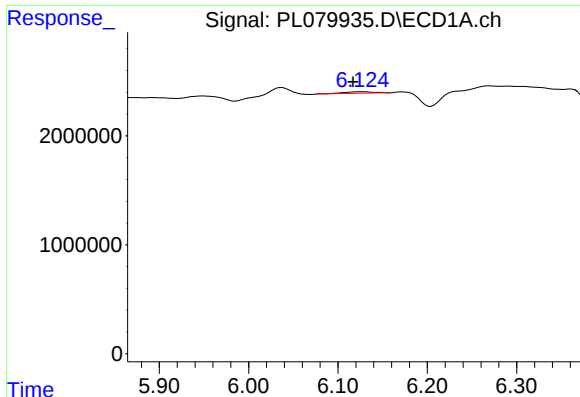
#12 4,4'-DDE

R.T.: 5.949 min  
Delta R.T.: -0.021 min  
Response: 717298  
Conc: 0.28 ng/ml



#12 4,4'-DDE

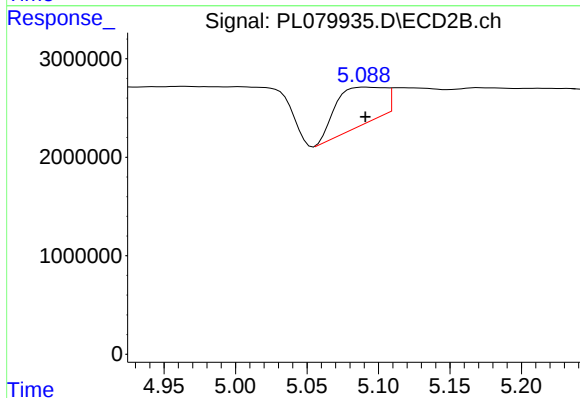
R.T.: 4.964 min  
Delta R.T.: -0.007 min  
Response: 1911407  
Conc: 0.60 ng/ml



#13 Dieldrin

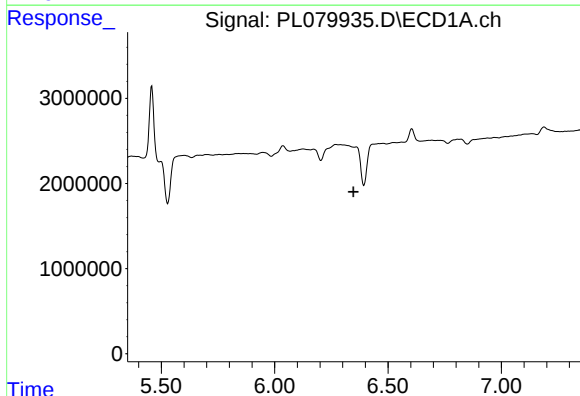
R.T.: 6.126 min  
Delta R.T.: 0.009 min  
Response: 337591  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



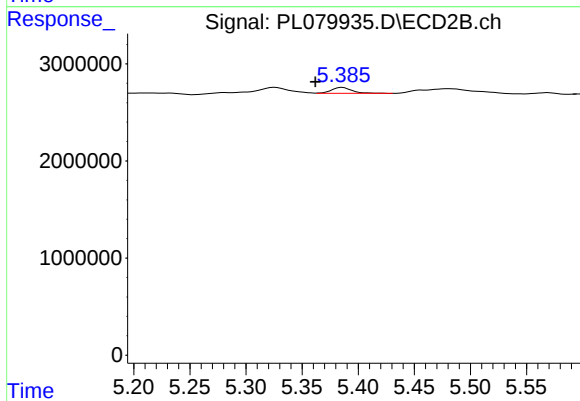
#13 Dieldrin

R.T.: 5.091 min  
Delta R.T.: 0.000 min  
Response: 9002588  
Conc: 2.60 ng/ml



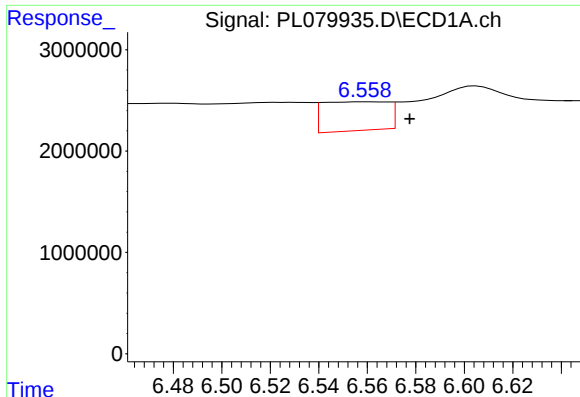
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.348 min  
Response: 0  
Conc: N.D.



#14 Endrin

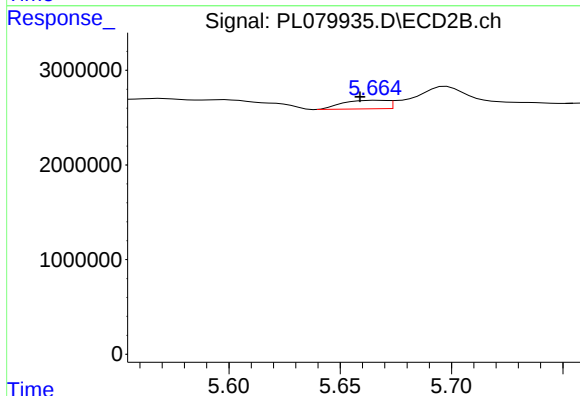
R.T.: 5.386 min  
Delta R.T.: 0.024 min  
Response: 786674  
Conc: 0.27 ng/ml



#15 Endosulfan II

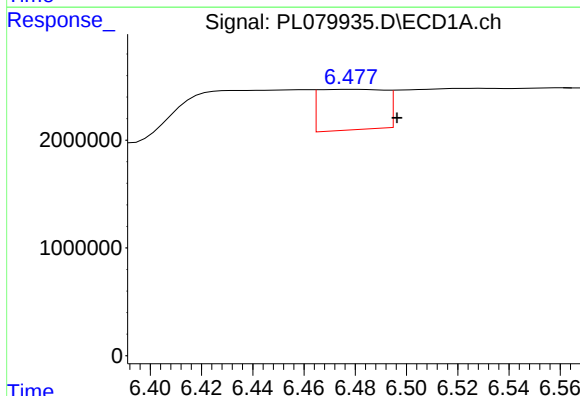
R.T.: 6.560 min  
Delta R.T.: -0.017 min  
Response: 5348435  
Conc: 2.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



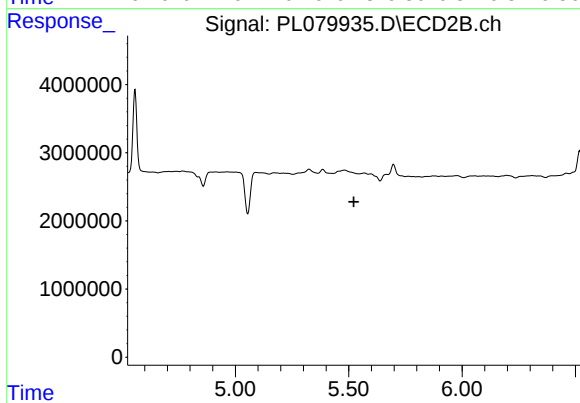
#15 Endosulfan II

R.T.: 5.667 min  
Delta R.T.: 0.008 min  
Response: 1272202  
Conc: 0.44 ng/ml



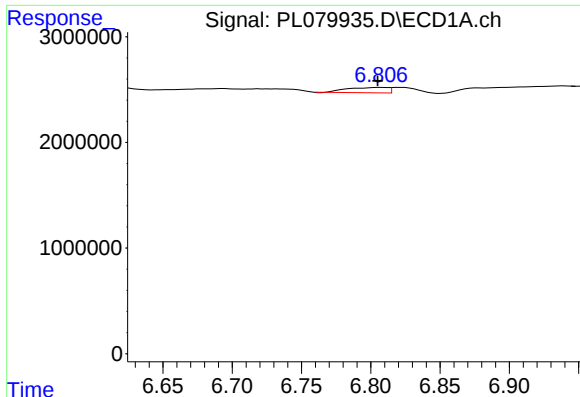
#16 4,4'-DDD

R.T.: 6.479 min  
Delta R.T.: -0.018 min  
Response: 6725060  
Conc: 3.20 ng/ml



#16 4,4'-DDD

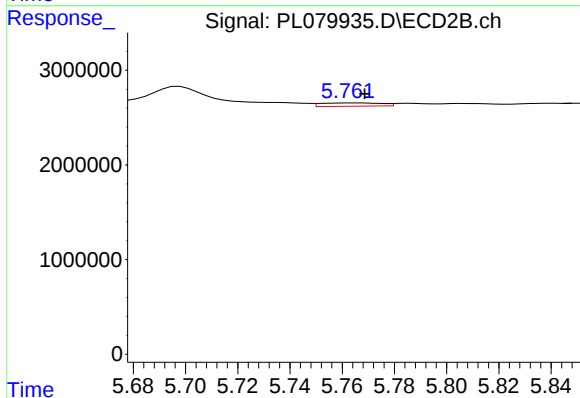
R.T.: 0.000 min  
Exp R.T. : 5.522 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

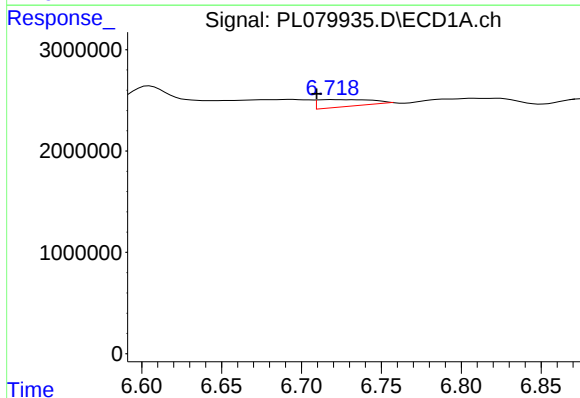
R.T.: 6.808 min  
Delta R.T.: 0.002 min  
Response: 1019134  
Conc: 0.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



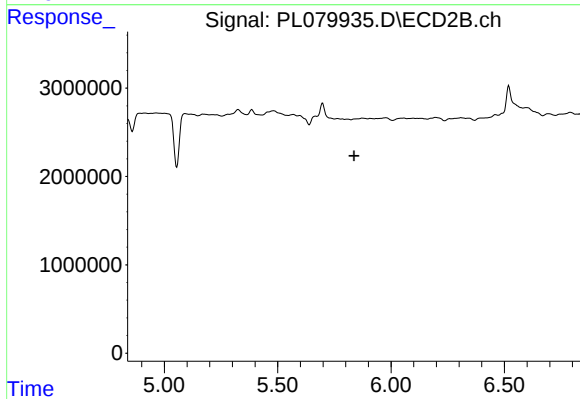
#17 4,4'-DDT

R.T.: 5.764 min  
Delta R.T.: -0.004 min  
Response: 569372  
Conc: 0.21 ng/ml



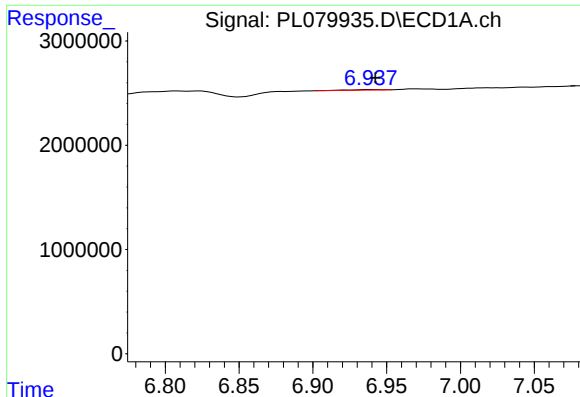
#18 Endrin aldehyde

R.T.: 6.719 min  
Delta R.T.: 0.009 min  
Response: 1628095  
Conc: 0.87 ng/ml



#18 Endrin aldehyde

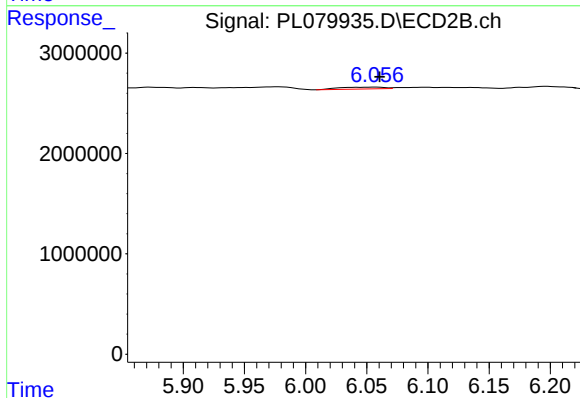
R.T.: 0.000 min  
Exp R.T. : 5.837 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

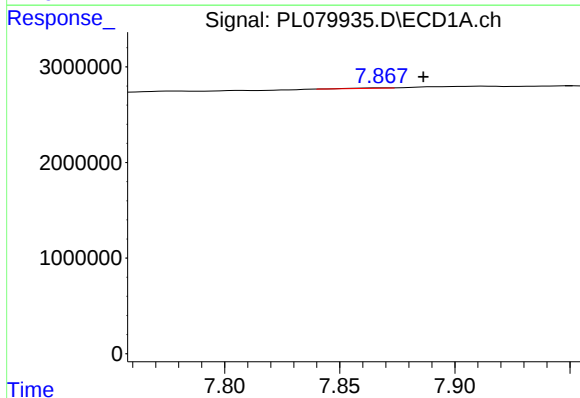
R.T.: 6.939 min  
Delta R.T.: -0.004 min  
Response: 83014  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



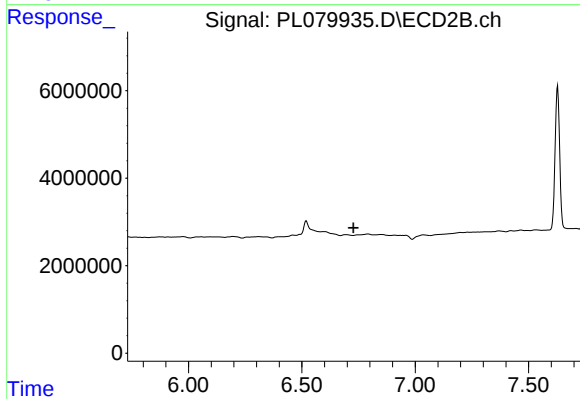
#19 Endosulfan Sulfate

R.T.: 6.058 min  
Delta R.T.: -0.003 min  
Response: 491256  
Conc: 0.17 ng/ml



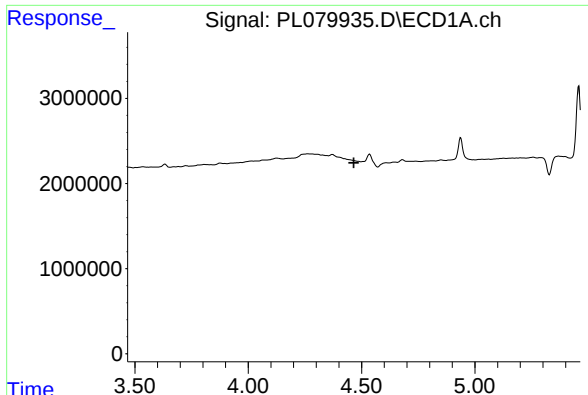
#22 Mirex

R.T.: 7.869 min  
Delta R.T.: -0.018 min  
Response: 53254  
Conc: 0.03 ng/ml



#22 Mirex

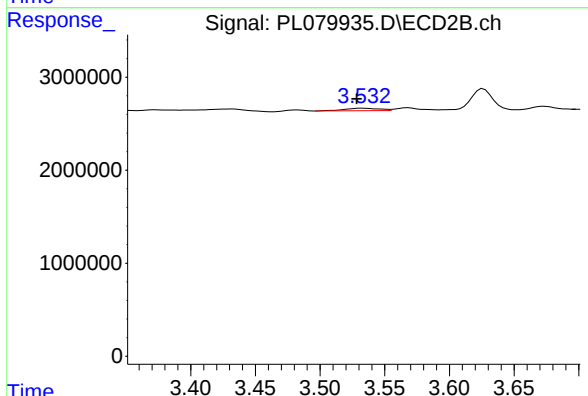
R.T.: 0.000 min  
Exp R.T. : 6.728 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

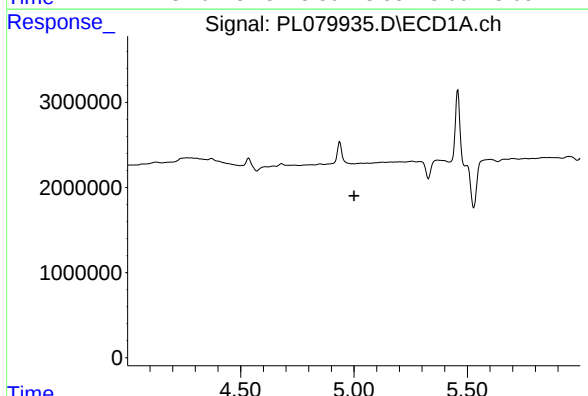
R.T.: 0.000 min  
Exp R.T. : 4.466 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



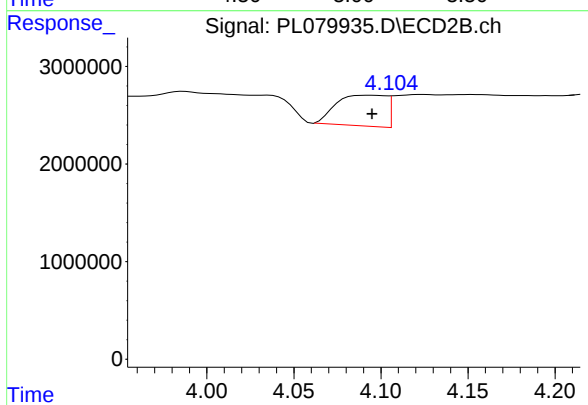
#23 Chlordane-1

R.T.: 3.533 min  
Delta R.T.: 0.005 min  
Response: 515134  
Conc: 4.66 ng/ml



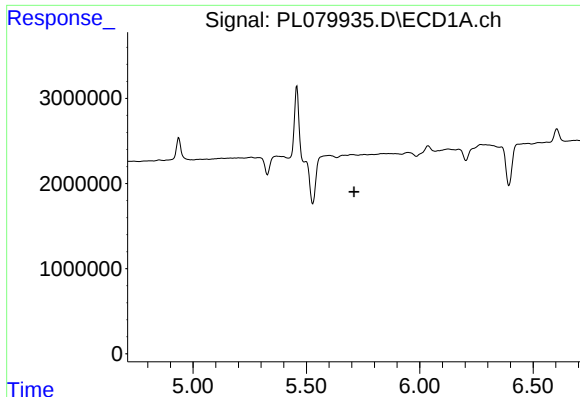
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.001 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

R.T.: 4.093 min  
Delta R.T.: -0.002 min  
Response: 6241350  
Conc: 53.28 ng/ml



# #25 Chlordane-3

R.T.: 0.000 min  
Exp R.T.: 5.711 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :

# #25 Chlordane-3

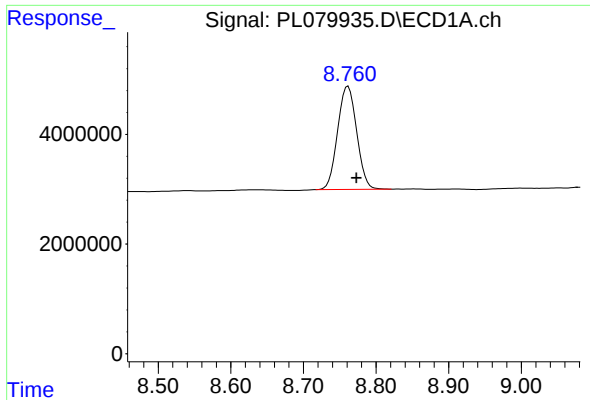
R.T.: 4.707 min  
Delta R.T.: -0.008 min  
Response: 2348097  
Conc: 6.88 ng/ml

# #26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 5.789 min  
Response: 0  
Conc: N.D.

# #26 Chlordane-4

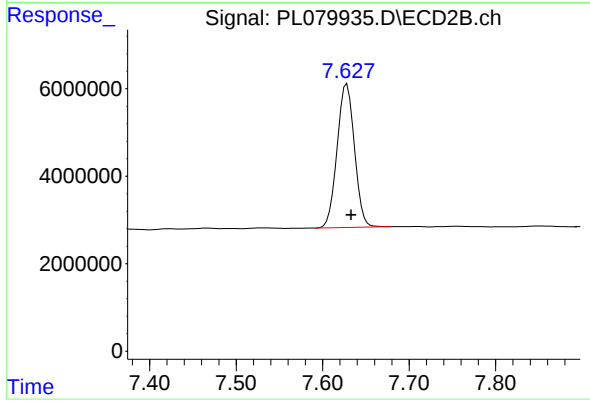
R.T.: 4.768 min  
Delta R.T.: -0.007 min  
Response: 7108087  
Conc: 19.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.761 min  
Delta R.T.: -0.011 min  
Response: 34362070  
Conc: 17.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.628 min  
Delta R.T.: -0.005 min  
Response: 45509348  
Conc: 19.95 ng/ml