

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102822\  
 Data File : PL078601.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Oct 2022 21:24  
 Operator : AR\AJ  
 Sample : N5280-02  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 N-2

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 27 22:26:15 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 07:08:41 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... | 3.322  | 2.572  | 37370412 | 48174890 | 19.596 | 18.868   |
| 28)                         | SA Decachlor... | 8.773  | 7.640  | 23613701 | 30144490 | 15.697 | 15.915   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.755f | 0.000  | 152109   | 0        | 0.053  | N.D. #   |
| 3)                          | MA gamma-BHC... | 0.000  | 3.380  | 0        | 501187   | N.D.   | 0.139 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.729f | 0        | 589599   | N.D.   | 0.170 #  |
| 5)                          | MB Aldrin       | 0.000  | 3.998f | 0        | 1790934  | N.D.   | 0.511 #  |
| 6)                          | B beta-BHC      | 4.302f | 3.679  | 1001143  | 628239   | 0.869  | 0.438 #  |
| 7)                          | B delta-BHC     | 0.000  | 3.899  | 0        | 559692   | N.D.   | 0.154 #  |
| 8)                          | B Heptachlo...  | 5.465  | 0.000  | 910166   | 0        | 0.429  | N.D. #   |
| 9)                          | A Endosulfan I  | 5.848  | 0.000  | 142924   | 0        | 0.067  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.703  | 4.747f | 383918   | 474159   | 0.170  | 0.155    |
| 11)                         | B alpha-Chl...  | 5.792  | 4.774  | 271761   | 748621   | 0.117  | 0.251 #  |
| 12)                         | B 4,4'-DDE      | 5.973  | 4.974  | 581730   | 3177557  | 0.291  | 1.167 #  |
| 13)                         | MA Dieldrin     | 6.119  | 5.100  | 255138   | 49836    | 0.118  | 0.017 #  |
| 14)                         | MA Endrin       | 6.328f | 5.394f | 934630   | 1143574  | 0.492  | 0.439    |
| 15)                         | B Endosulfa...  | 6.560f | 5.690f | 592520   | 58573    | 0.316  | 0.026 #  |
| 16)                         | A 4,4'-DDD      | 6.497  | 5.533  | 1751573  | -77203   | 1.051  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.773  | 0        | 1163254  | N.D.   | 0.536 #  |
| 18)                         | B Endrin al...  | 0.000  | 5.820f | 0        | 772338   | N.D.   | 0.412 #  |
| 19)                         | B Endosulfa...  | 6.947  | 6.066  | 4382783  | 5687890  | 2.382  | 2.389    |
| 22)                         | Mirex           | 7.885  | 6.755f | 539467   | 66441    | 0.370  | 0.034 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.546  | 0        | 1457147  | N.D.   | 14.448 # |
| 25)                         | Chlordane-3     | 5.703  | 4.747f | 383918   | 474159   | 1.149  | 1.556 #  |
| 26)                         | Chlordane-4     | 5.792  | 4.774  | 271761   | 748621   | 0.662  | 2.291 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.449  | 0        | 2112913  | N.D.   | 25.907 # |
| -----                       |                 |        |        |          |          |        |          |

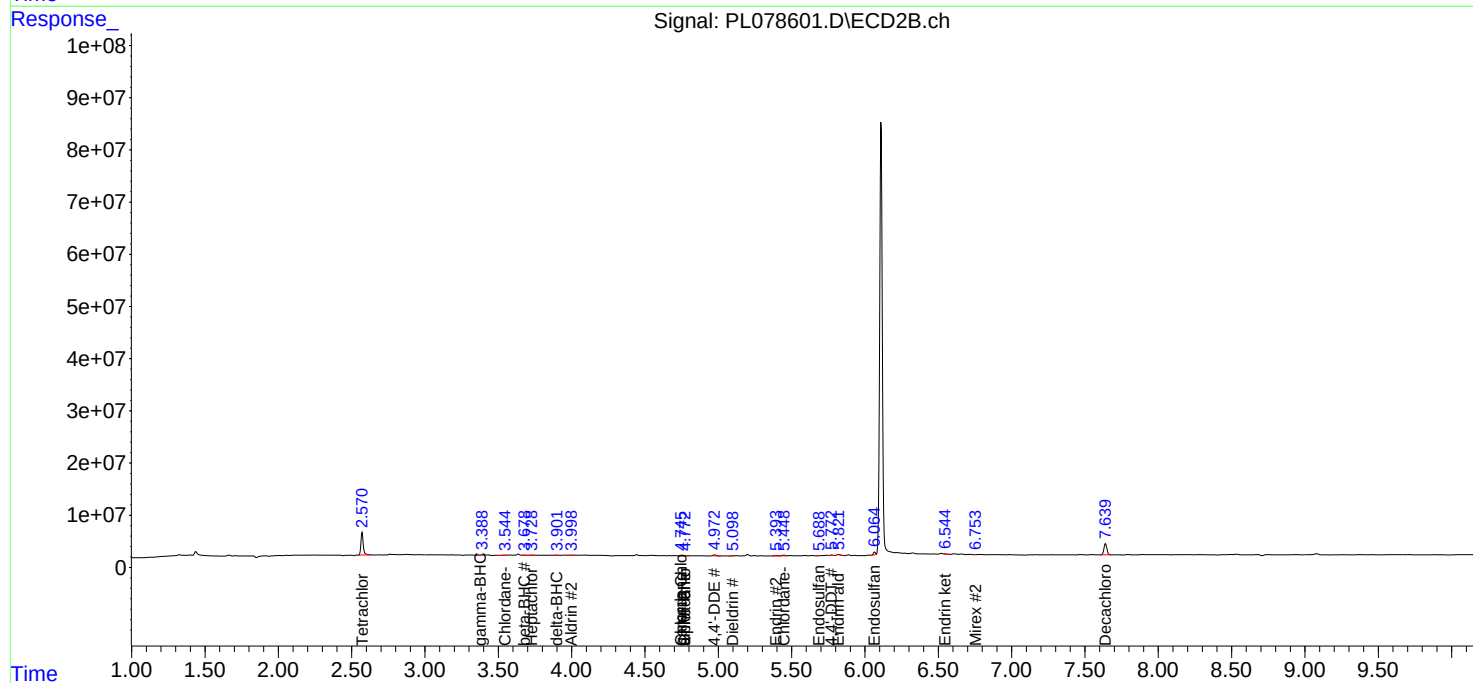
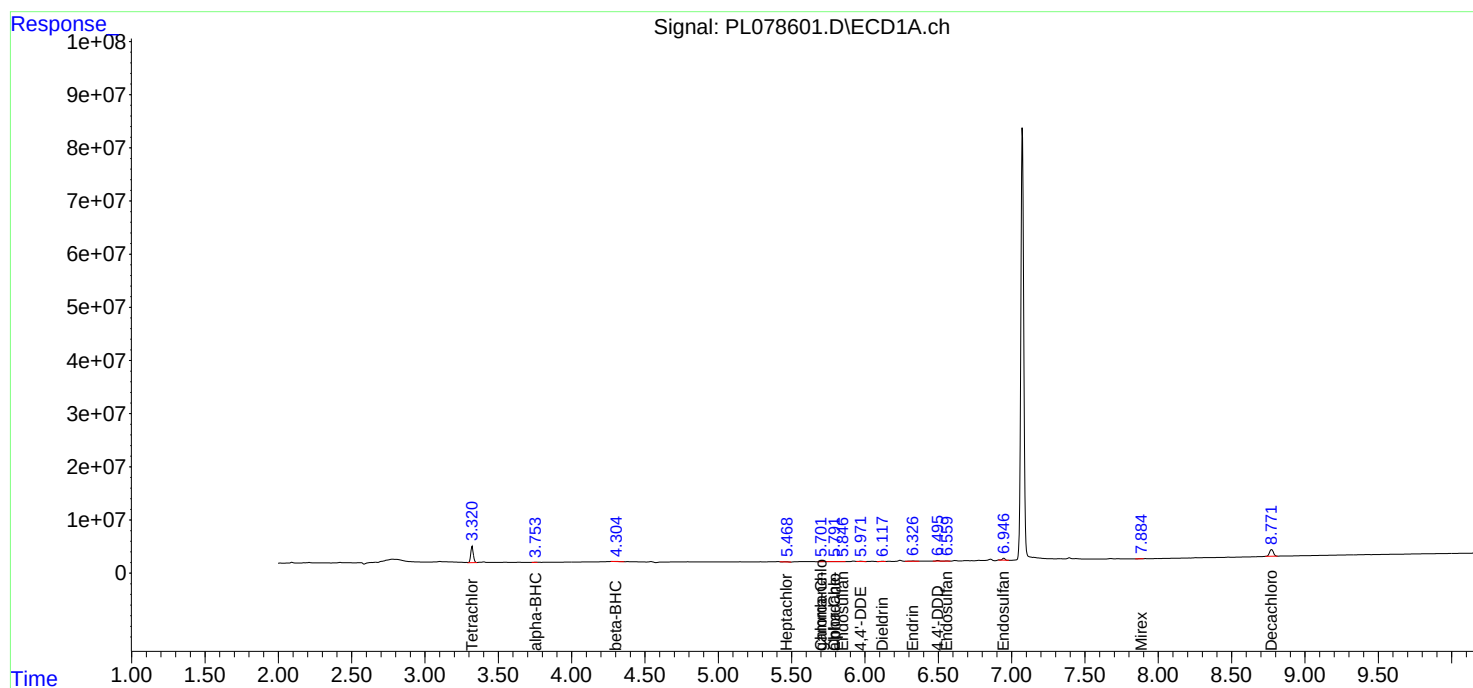
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

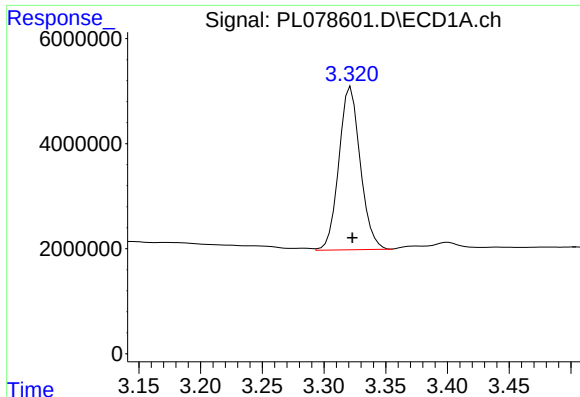
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102822\  
Data File : PL078601.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Oct 2022 21:24  
Operator : AR\AJ  
Sample : N5280-02  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
N-2

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 27 22:26:15 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 21 07:08:41 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

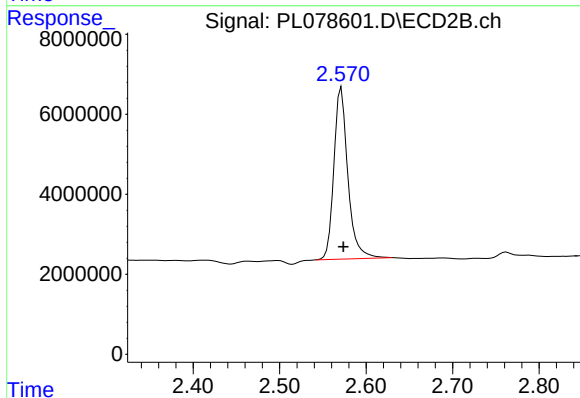




#1 Tetrachloro-m-xylene

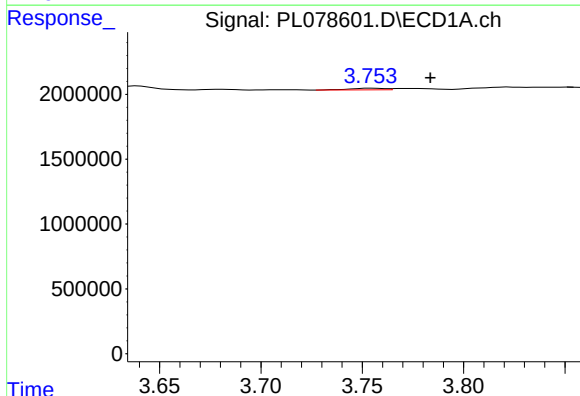
R.T.: 3.322 min  
Delta R.T.: -0.001 min  
Response: 37370412  
Conc: 19.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
N-2



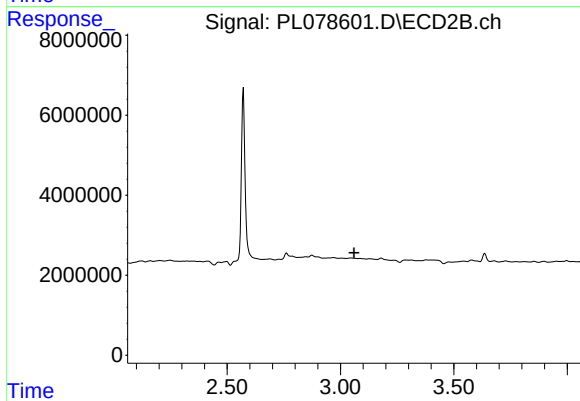
#1 Tetrachloro-m-xylene

R.T.: 2.572 min  
Delta R.T.: -0.002 min  
Response: 48174890  
Conc: 18.87 ng/ml



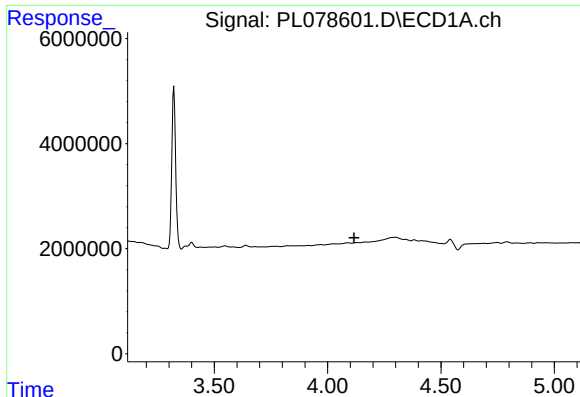
#2 alpha-BHC

R.T.: 3.755 min  
Delta R.T.: -0.029 min  
Response: 152109  
Conc: 0.05 ng/ml



#2 alpha-BHC

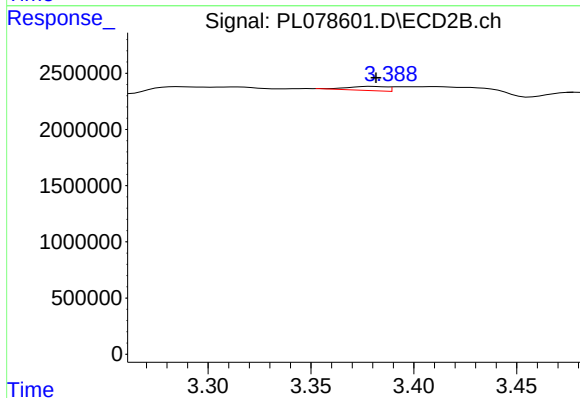
R.T.: 0.000 min  
Exp R.T. : 3.061 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

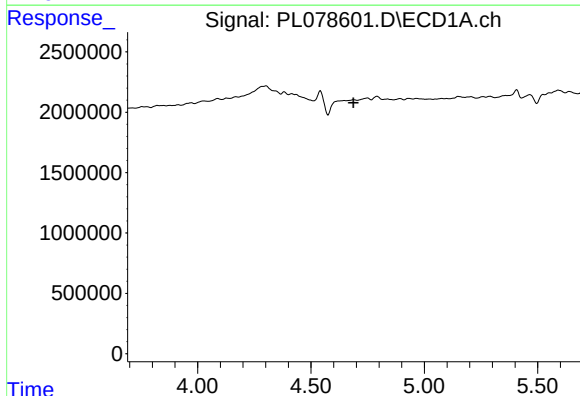
R.T.: 0.000 min  
Exp R.T.: 4.116 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
N-2



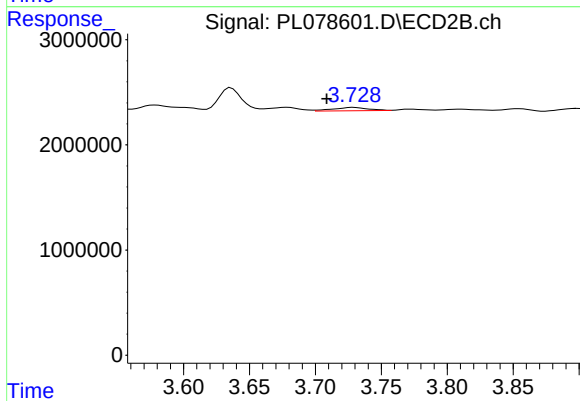
#3 gamma-BHC (Lindane)

R.T.: 3.380 min  
Delta R.T.: -0.002 min  
Response: 501187  
Conc: 0.14 ng/ml



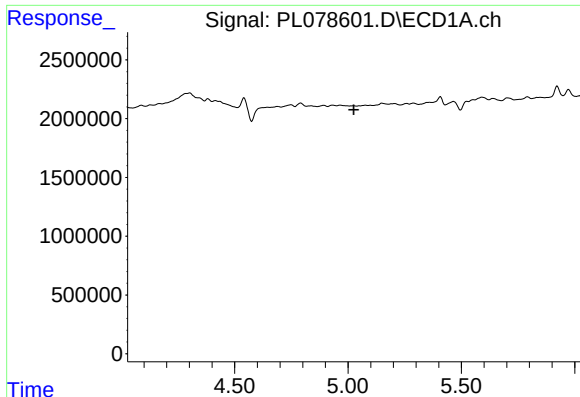
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.688 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

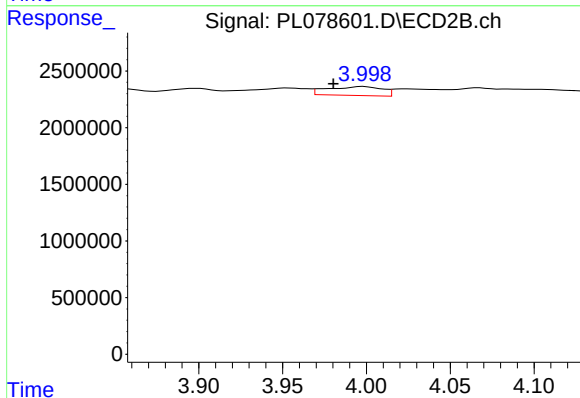
R.T.: 3.729 min  
Delta R.T.: 0.020 min  
Response: 589599  
Conc: 0.17 ng/ml



#5 Aldrin

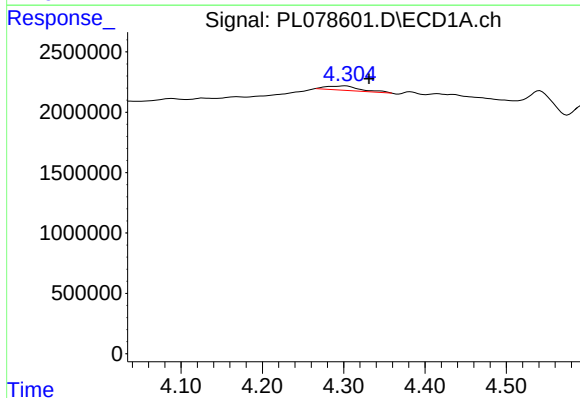
R.T.: 0.000 min  
Exp R.T.: 5.025 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
N-2



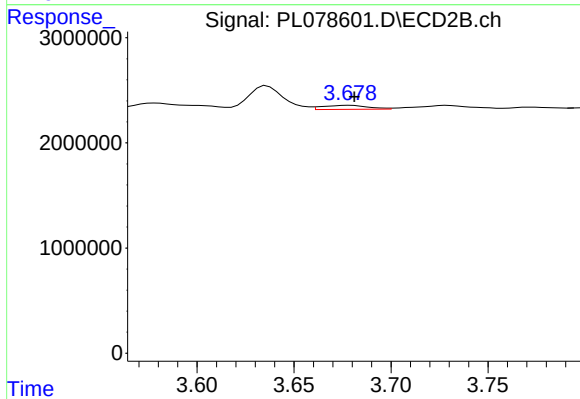
#5 Aldrin

R.T.: 3.998 min  
Delta R.T.: 0.018 min  
Response: 1790934  
Conc: 0.51 ng/ml



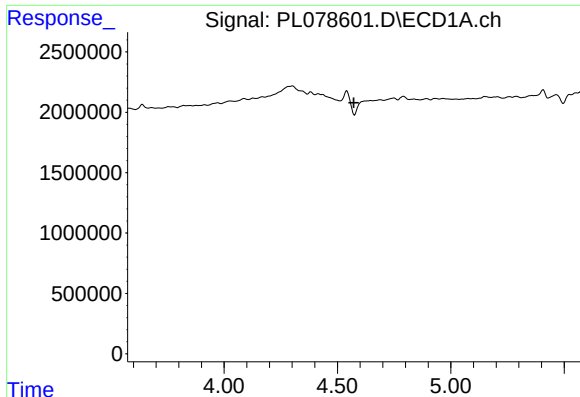
#6 beta-BHC

R.T.: 4.302 min  
Delta R.T.: -0.029 min  
Response: 1001143  
Conc: 0.87 ng/ml



#6 beta-BHC

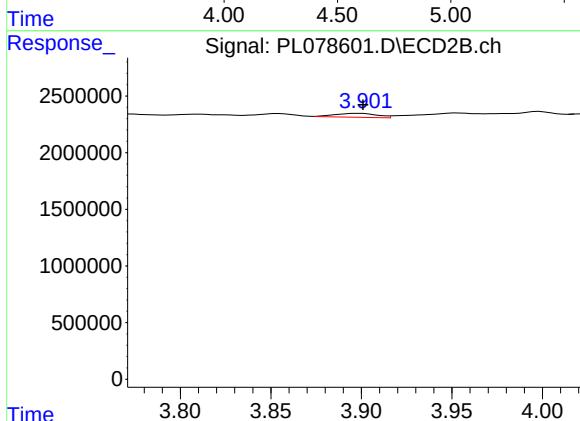
R.T.: 3.679 min  
Delta R.T.: -0.002 min  
Response: 628239  
Conc: 0.44 ng/ml



#7 delta-BHC

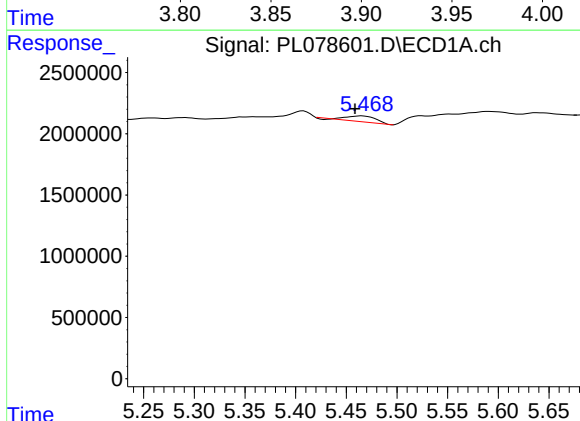
R.T.: 0.000 min  
Exp R.T.: 4.572 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
N-2



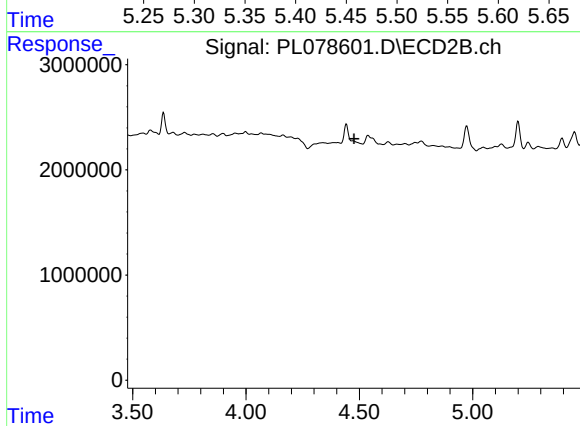
#7 delta-BHC

R.T.: 3.899 min  
Delta R.T.: -0.002 min  
Response: 559692  
Conc: 0.15 ng/ml



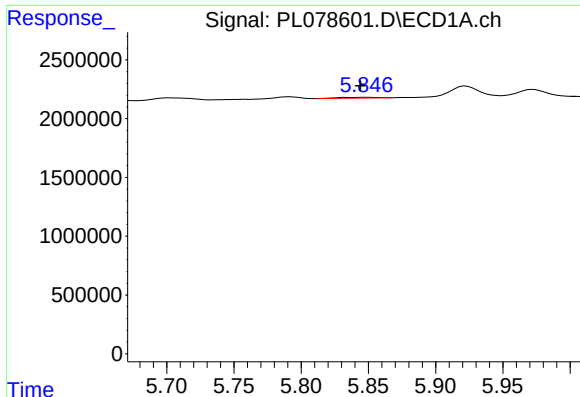
#8 Heptachlor epoxide

R.T.: 5.465 min  
Delta R.T.: 0.006 min  
Response: 910166  
Conc: 0.43 ng/ml



#8 Heptachlor epoxide

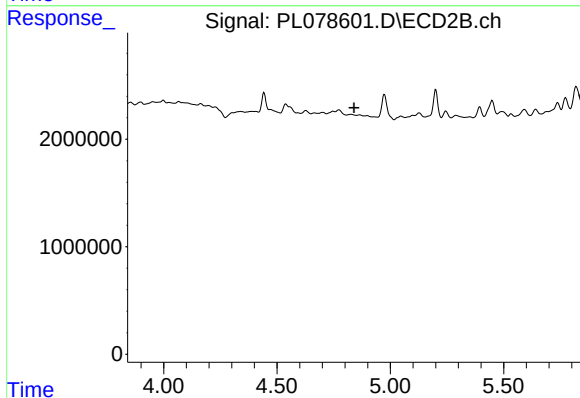
R.T.: 0.000 min  
Exp R.T.: 4.477 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

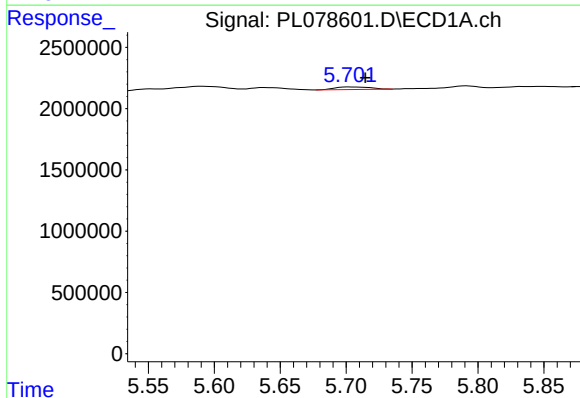
R.T.: 5.848 min  
Delta R.T.: 0.004 min  
Response: 142924  
Conc: 0.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
N-2



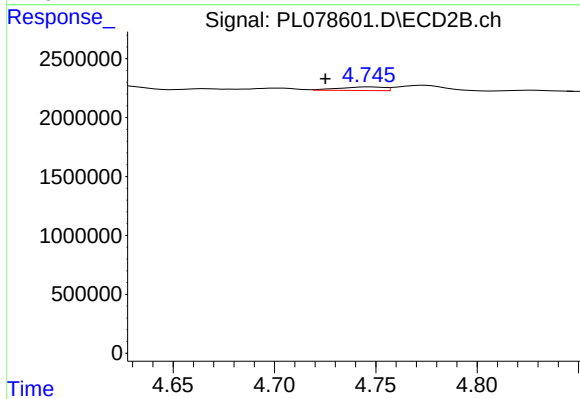
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 4.840 min  
Response: 0  
Conc: N.D.



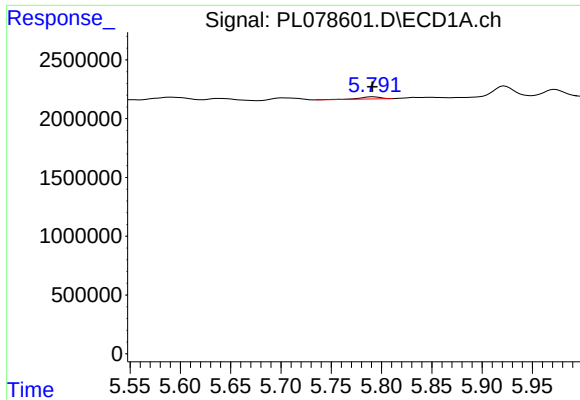
#10 gamma-Chlordane

R.T.: 5.703 min  
Delta R.T.: -0.011 min  
Response: 383918  
Conc: 0.17 ng/ml



#10 gamma-Chlordane

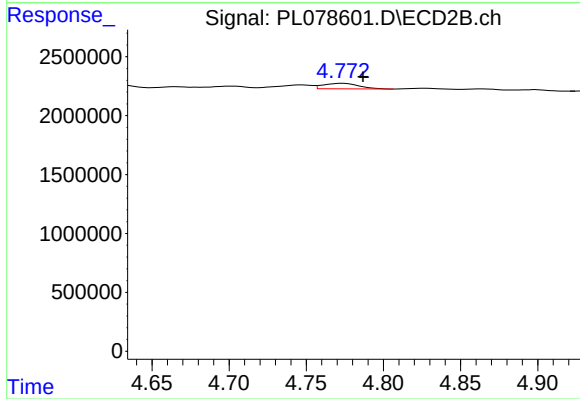
R.T.: 4.747 min  
Delta R.T.: 0.022 min  
Response: 474159  
Conc: 0.15 ng/ml



#11 alpha-Chlordane

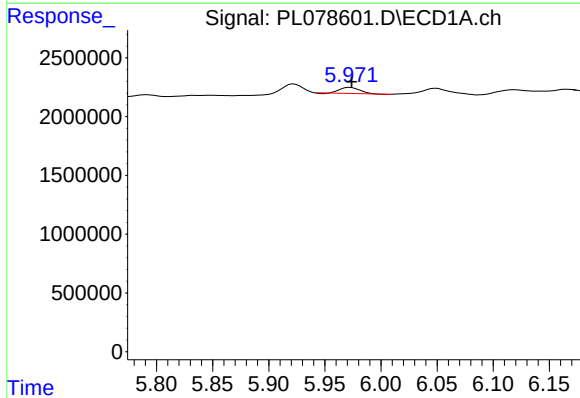
R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 271761  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
N-2



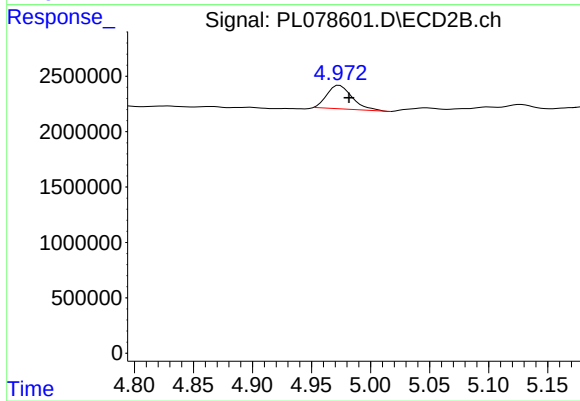
#11 alpha-Chlordane

R.T.: 4.774 min  
Delta R.T.: -0.013 min  
Response: 748621  
Conc: 0.25 ng/ml



#12 4,4'-DDE

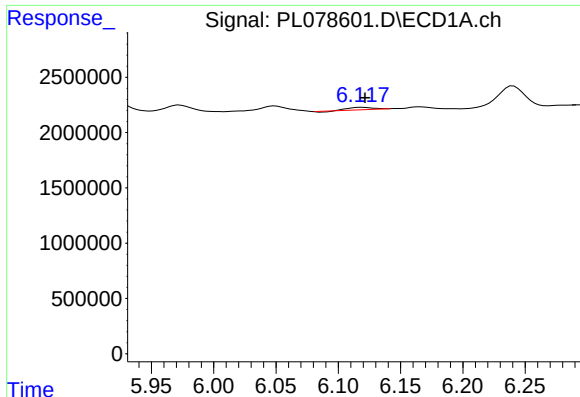
R.T.: 5.973 min  
Delta R.T.: -0.001 min  
Response: 581730  
Conc: 0.29 ng/ml



#12 4,4'-DDE

R.T.: 4.974 min  
Delta R.T.: -0.008 min  
Response: 3177557  
Conc: 1.17 ng/ml

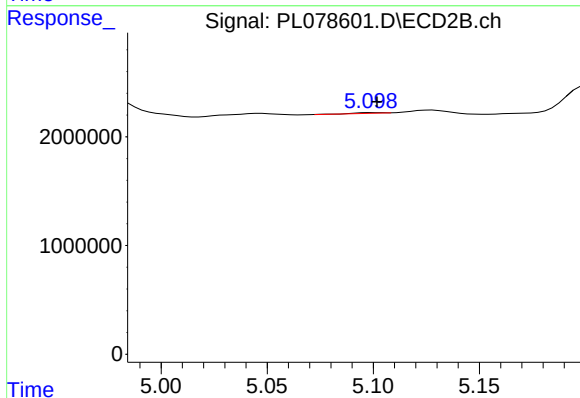




#13 Dieldrin

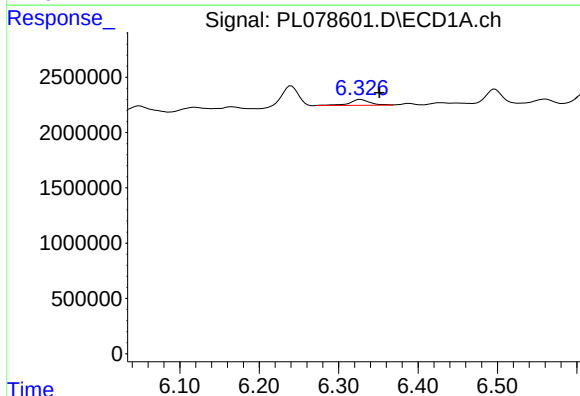
R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 255138  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
N-2



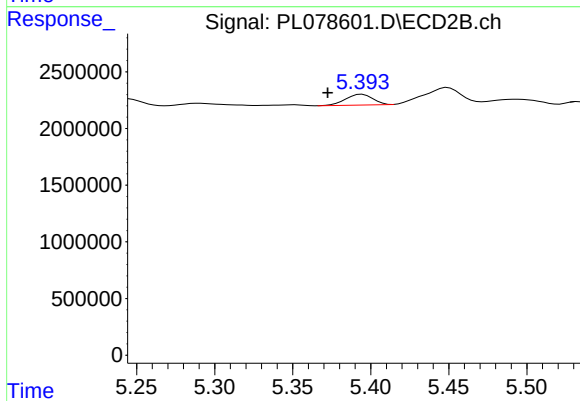
#13 Dieldrin

R.T.: 5.100 min  
Delta R.T.: -0.002 min  
Response: 49836  
Conc: 0.02 ng/ml



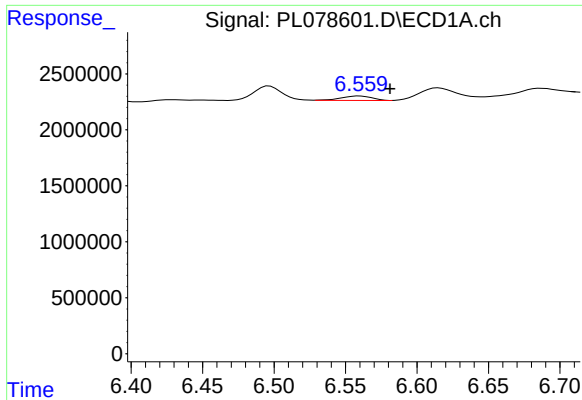
#14 Endrin

R.T.: 6.328 min  
Delta R.T.: -0.024 min  
Response: 934630  
Conc: 0.49 ng/ml



#14 Endrin

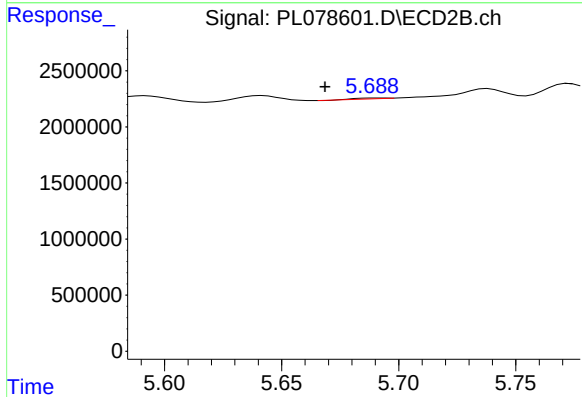
R.T.: 5.394 min  
Delta R.T.: 0.022 min  
Response: 1143574  
Conc: 0.44 ng/ml



#15 Endosulfan II

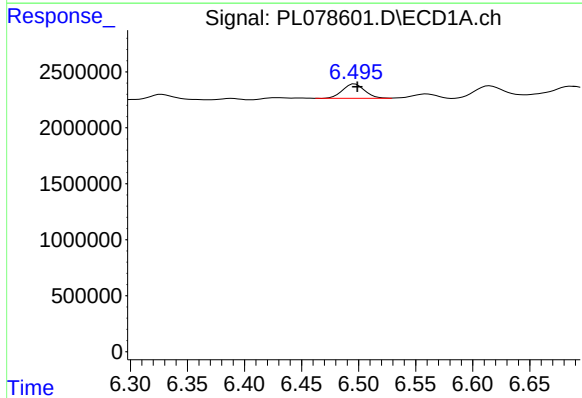
R.T.: 6.560 min  
Delta R.T.: -0.021 min  
Response: 592520  
Conc: 0.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
N-2



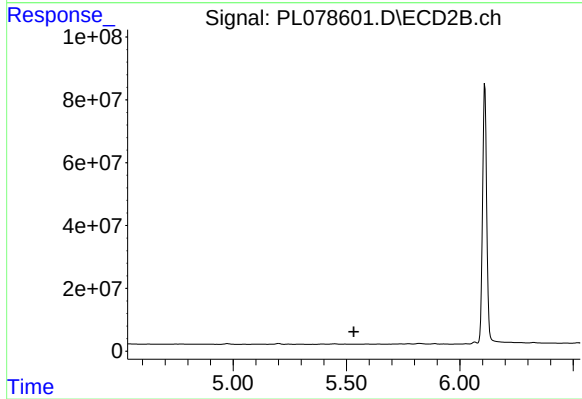
#15 Endosulfan II

R.T.: 5.690 min  
Delta R.T.: 0.022 min  
Response: 58573  
Conc: 0.03 ng/ml



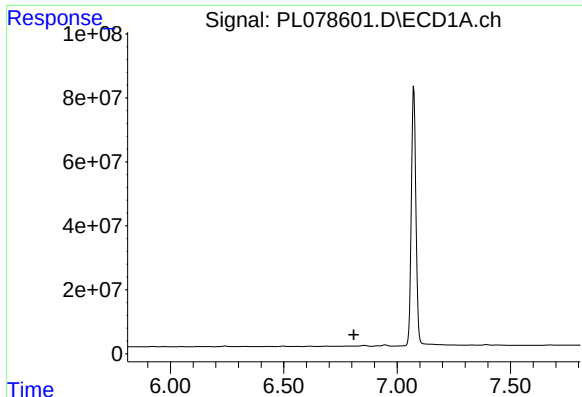
#16 4,4'-DDD

R.T.: 6.497 min  
Delta R.T.: -0.002 min  
Response: 1751573  
Conc: 1.05 ng/ml



#16 4,4'-DDD

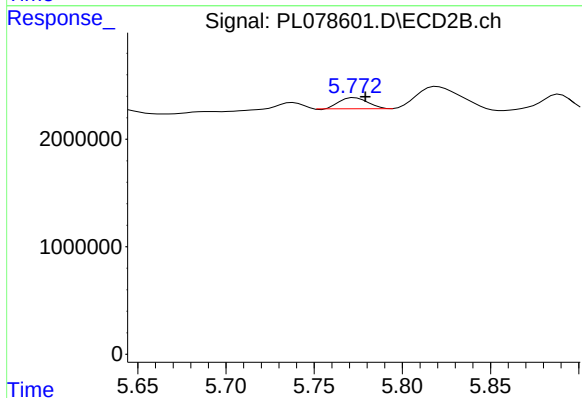
R.T.: 5.533 min  
Delta R.T.: 0.000 min  
Response: -77203  
Conc: N.D.



#17 4,4'-DDT

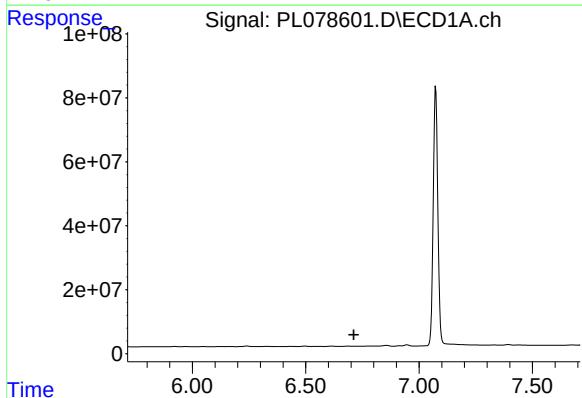
R.T.: 0.000 min  
Exp R.T.: 6.809 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
N-2



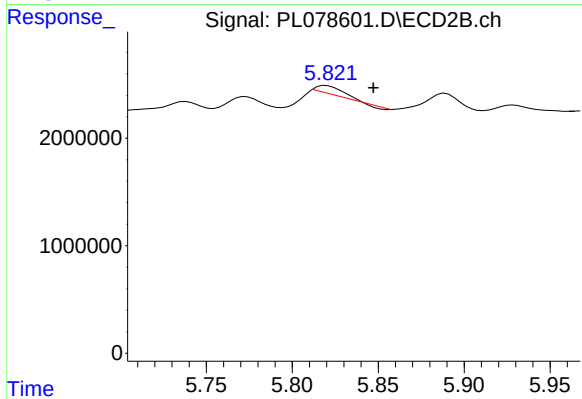
#17 4,4'-DDT

R.T.: 5.773 min  
Delta R.T.: -0.006 min  
Response: 1163254  
Conc: 0.54 ng/ml



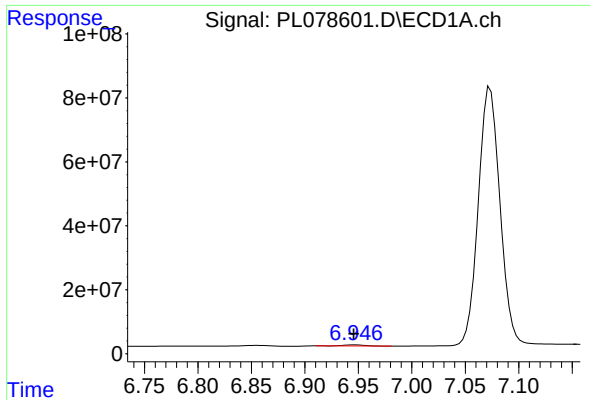
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.713 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

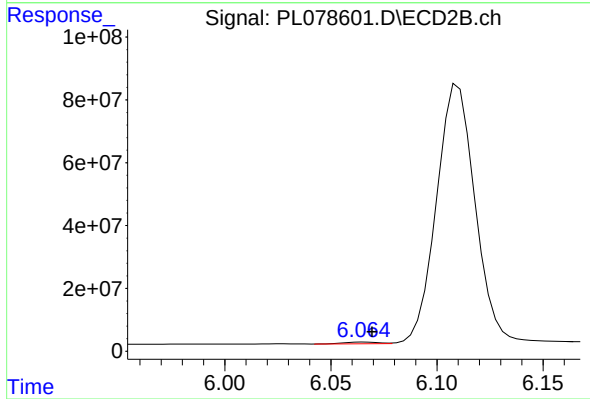
R.T.: 5.820 min  
Delta R.T.: -0.027 min  
Response: 772338  
Conc: 0.41 ng/ml



#19 Endosulfan Sulfate

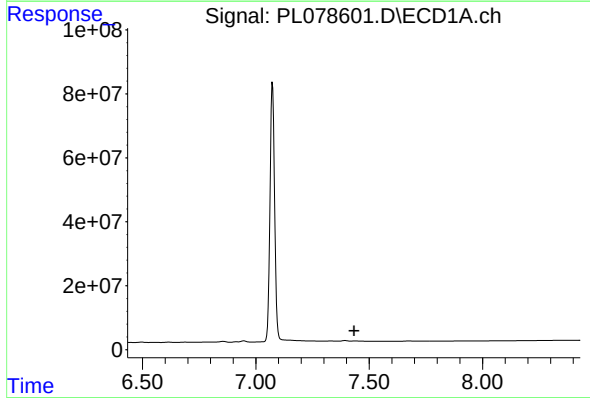
R.T.: 6.947 min  
Delta R.T.: 0.001 min  
Response: 4382783  
Conc: 2.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
N-2



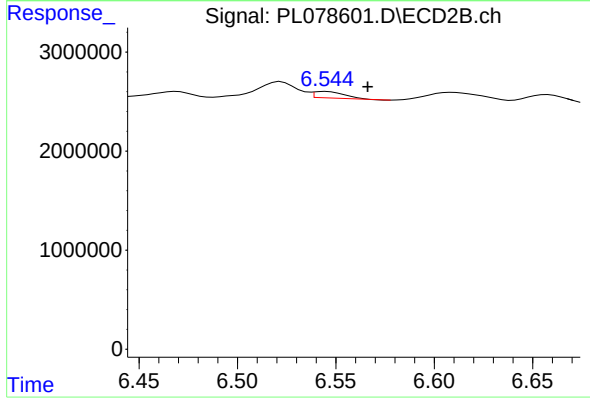
#19 Endosulfan Sulfate

R.T.: 6.066 min  
Delta R.T.: -0.003 min  
Response: 5687890  
Conc: 2.39 ng/ml



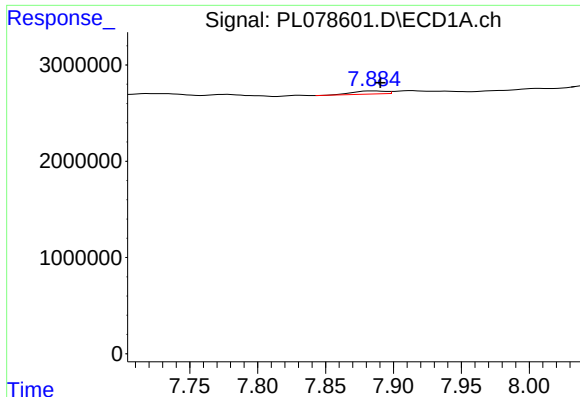
#21 Endrin ketone

R.T.: 7.438 min  
Delta R.T.: 0.006 min  
Response: -1261179  
Conc: N.D.



#21 Endrin ketone

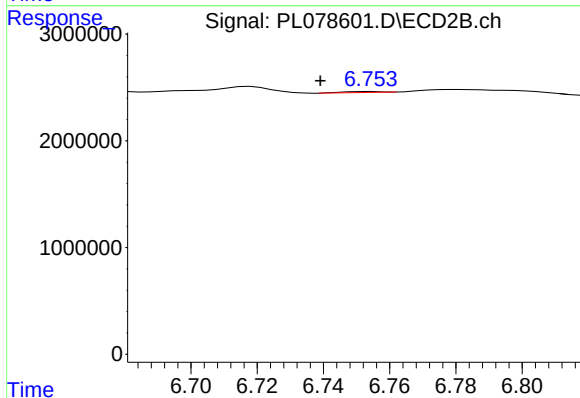
R.T.: 6.545 min  
Delta R.T.: -0.021 min  
Response: 686164  
Conc: 0.27 ng/ml



#22 Mirex

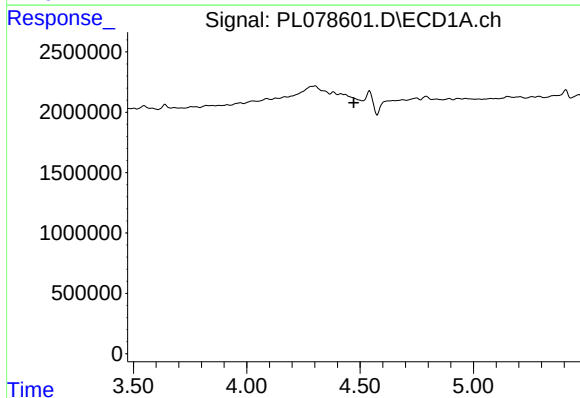
R.T.: 7.885 min  
Delta R.T.: -0.005 min  
Response: 539467  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
N-2



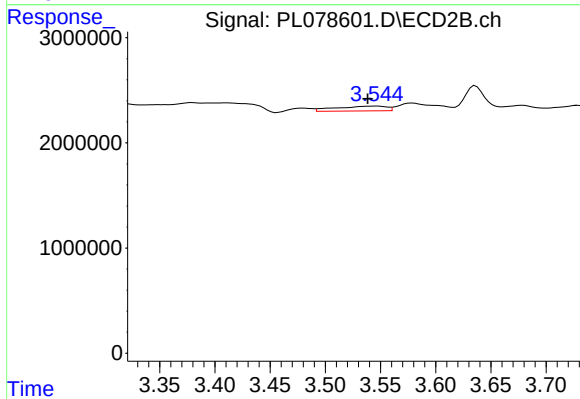
#22 Mirex

R.T.: 6.755 min  
Delta R.T.: 0.016 min  
Response: 66441  
Conc: 0.03 ng/ml



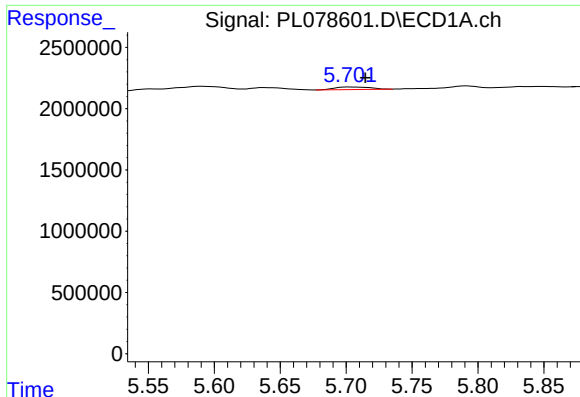
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.472 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

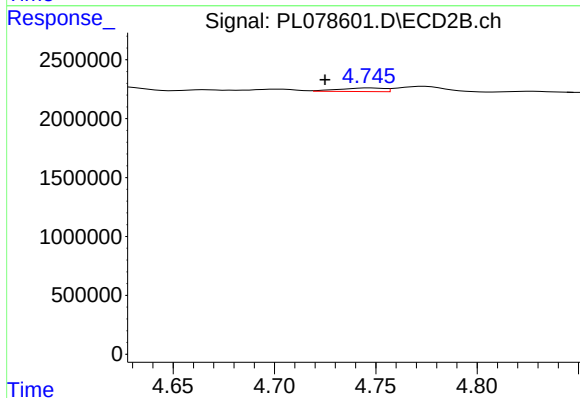
R.T.: 3.546 min  
Delta R.T.: 0.008 min  
Response: 1457147  
Conc: 14.45 ng/ml



#25 Chlordane-3

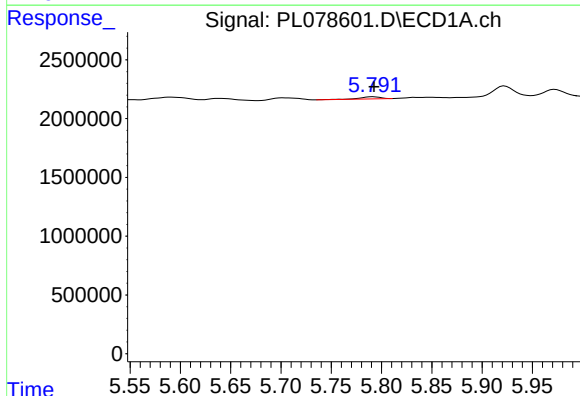
R.T.: 5.703 min  
Delta R.T.: -0.011 min  
Response: 383918  
Conc: 1.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
N-2



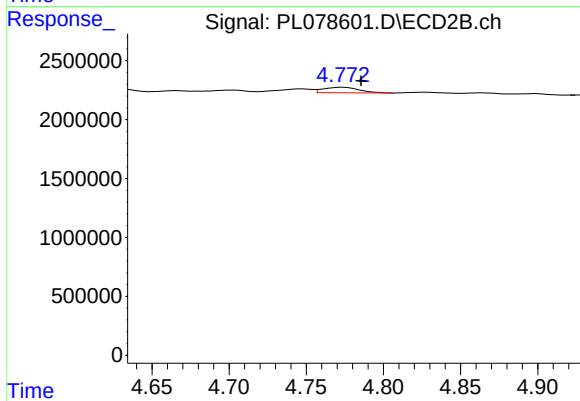
#25 Chlordane-3

R.T.: 4.747 min  
Delta R.T.: 0.022 min  
Response: 474159  
Conc: 1.56 ng/ml



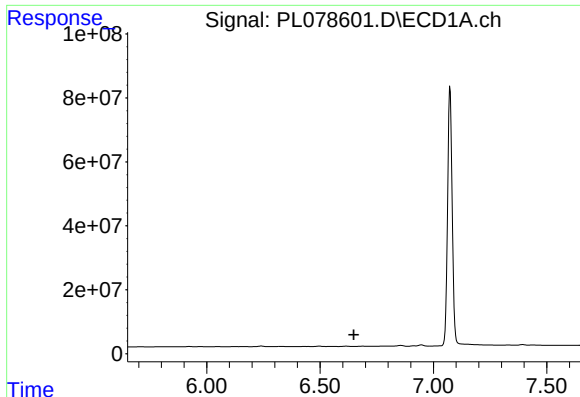
#26 Chlordane-4

R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 271761  
Conc: 0.66 ng/ml



#26 Chlordane-4

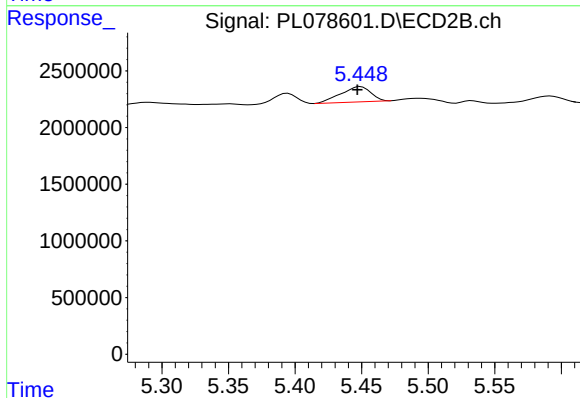
R.T.: 4.774 min  
Delta R.T.: -0.012 min  
Response: 748621  
Conc: 2.29 ng/ml



#27 Chlordane-5

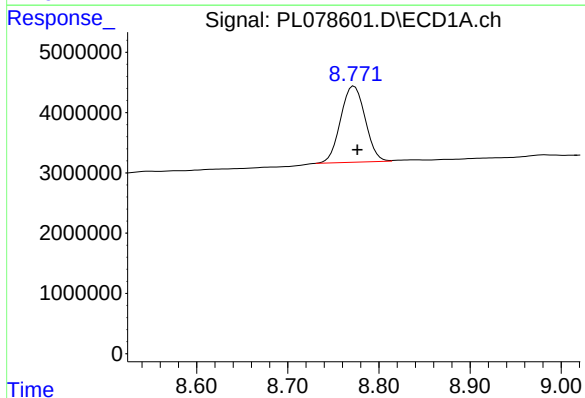
R.T.: 0.000 min  
Exp R.T.: 6.649 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
N-2



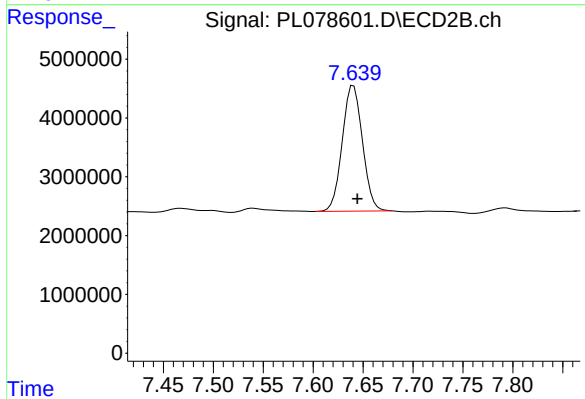
#27 Chlordane-5

R.T.: 5.449 min  
Delta R.T.: 0.002 min  
Response: 2112913  
Conc: 25.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.773 min  
Delta R.T.: -0.004 min  
Response: 23613701  
Conc: 15.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.640 min  
Delta R.T.: -0.004 min  
Response: 30144490  
Conc: 15.91 ng/ml