

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110922\  
 Data File : PL078967.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Nov 2022 16:42  
 Operator : AR\AJ  
 Sample : N5506-10  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-9

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 09 21:12:10 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... | 3.321  | 2.569  | 23716116 | 31112116 | 12.436 | 12.186   |
| 28)                         | SA Decachlor... | 8.768  | 7.633  | 13066503 | 15871229 | 8.686  | 8.379    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.780  | 0.000  | 64429    | 0        | 0.022  | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.137f | 0.000  | 146371   | 0        | 0.055  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.714f | 0.000  | 539375   | 0        | 0.208  | N.D. #   |
| 5)                          | MB Aldrin       | 4.998f | 3.964f | 1143928  | 218550   | 0.462  | 0.062 #  |
| 6)                          | B beta-BHC      | 4.316f | 0.000  | 844646   | 0        | 0.733  | N.D. #   |
| 7)                          | B delta-BHC     | 0.000  | 3.897  | 0        | 1161717  | N.D.   | 0.319 #  |
| 8)                          | B Heptachlo...  | 5.445  | 4.471  | 581054   | 321122   | 0.274  | 0.107 #  |
| 9)                          | A Endosulfan I  | 0.000  | 4.852  | 0        | 868612   | N.D.   | 0.303 #  |
| 10)                         | B gamma-Chl...  | 5.711  | 4.719  | 4411691  | 6256901  | 1.955  | 2.042    |
| 11)                         | B alpha-Chl...  | 5.789  | 4.779  | 5119041  | 6632795  | 2.212  | 2.225    |
| 12)                         | B 4,4'-DDE      | 5.971  | 4.975  | 4661851  | 6911720  | 2.329  | 2.539    |
| 13)                         | MA Dieldrin     | 6.146f | 5.102  | -319384  | 561802   | N.D.   | 0.190    |
| 14)                         | MA Endrin       | 0.000  | 5.389f | 0        | 622046   | N.D.   | 0.239 #  |
| 15)                         | B Endosulfa...  | 6.554f | 0.000  | 247733   | 0        | 0.132  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.494  | 5.526  | 3169258  | 4756918  | 1.901  | 2.166    |
| 17)                         | MA 4,4'-DDT     | 6.809  | 5.767  | -75591   | 694251   | N.D.   | 0.320    |
| 19)                         | B Endosulfa...  | 0.000  | 6.060  | 0        | 273562   | N.D.   | 0.115 #  |
| 20)                         | A Methoxychlor  | 7.291  | 0.000  | 271831   | 0        | 0.295  | N.D. #   |
| 22)                         | Mirex           | 7.873f | 0.000  | 95739    | 0        | 0.066  | N.D. #   |
| 23)                         | Chlordane-1     | 4.469  | 3.533  | 1213373  | 2188458  | 15.486 | 21.699 # |
| 24)                         | Chlordane-2     | 4.998  | 4.100  | 1143928  | 1458964  | 13.825 | 13.709   |
| 25)                         | Chlordane-3     | 5.711  | 4.719  | 4411691  | 6256901  | 13.207 | 20.529 # |
| 26)                         | Chlordane-4     | 5.789  | 4.779  | 5119041  | 6632795  | 12.469 | 20.298 # |
| 27)                         | Chlordane-5     | 0.000  | 5.442  | 0        | 937116   | N.D.   | 11.490 # |
| -----                       |                 |        |        |          |          |        |          |

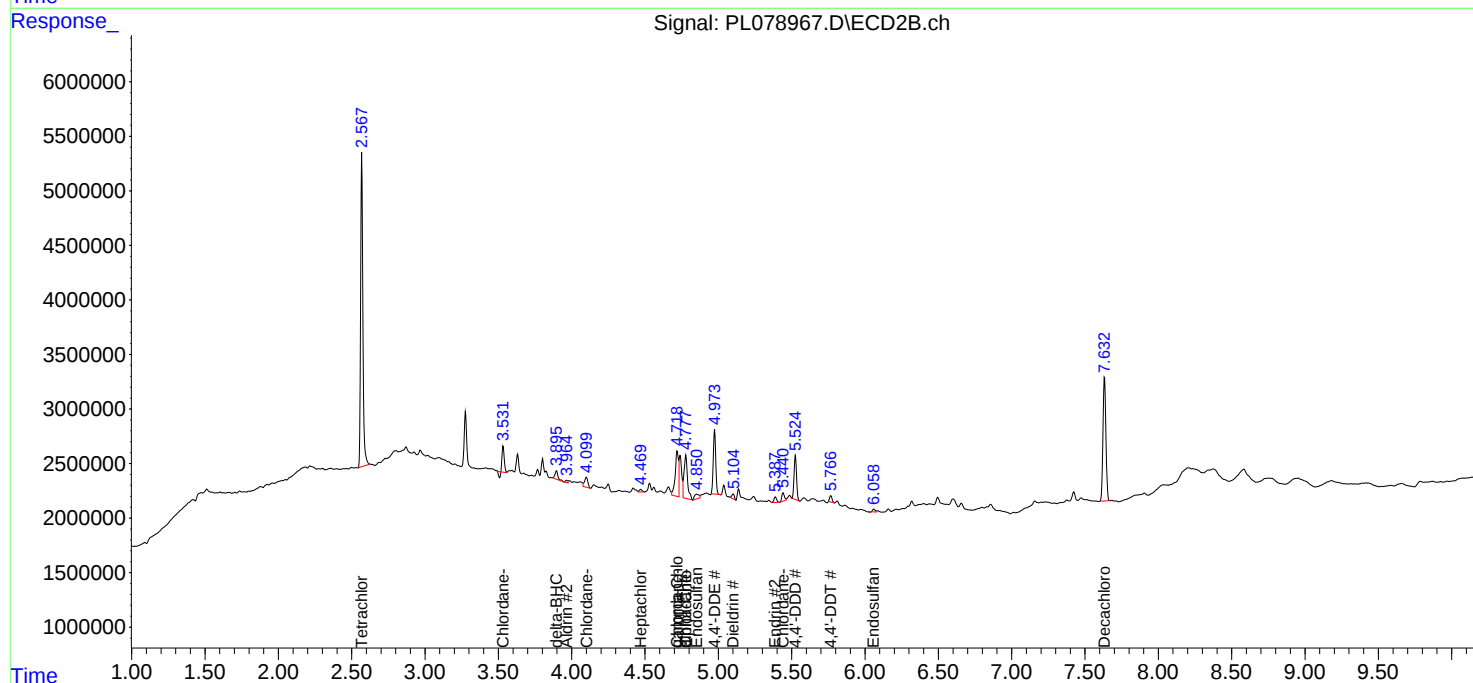
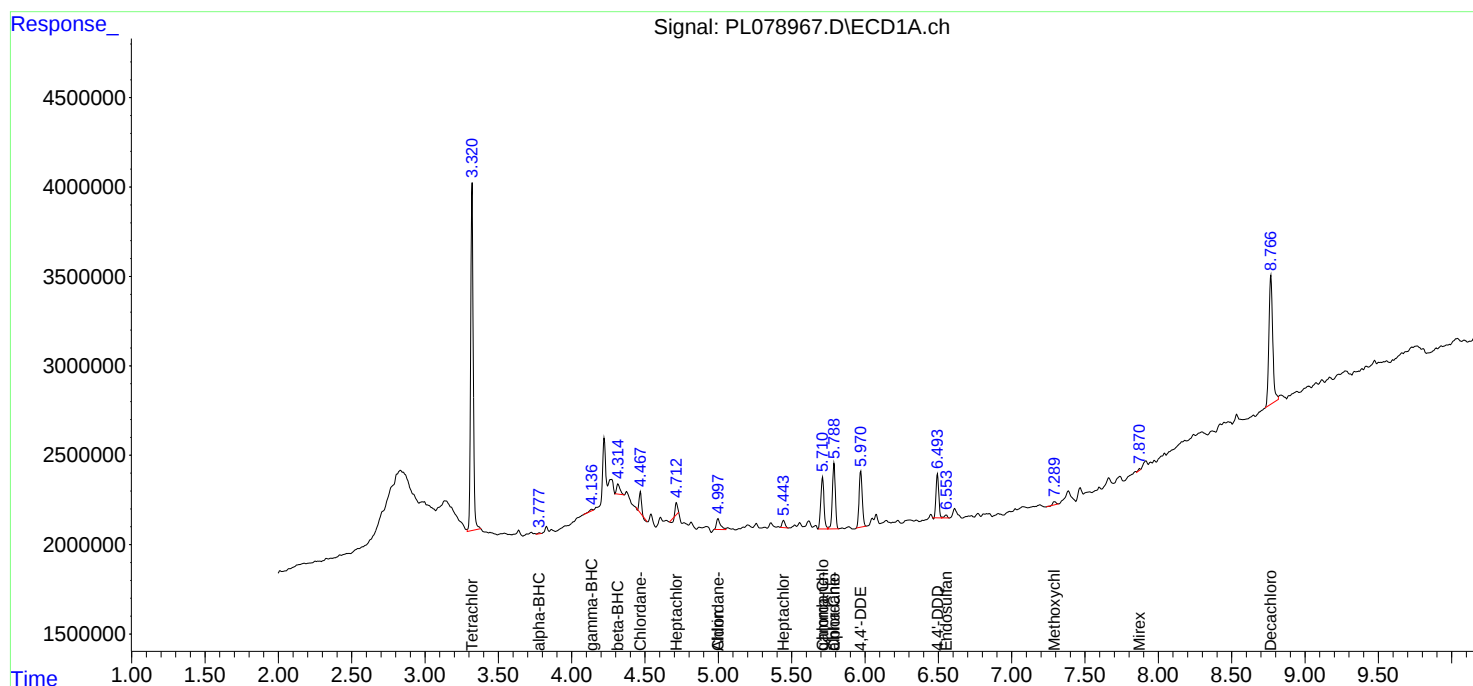
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

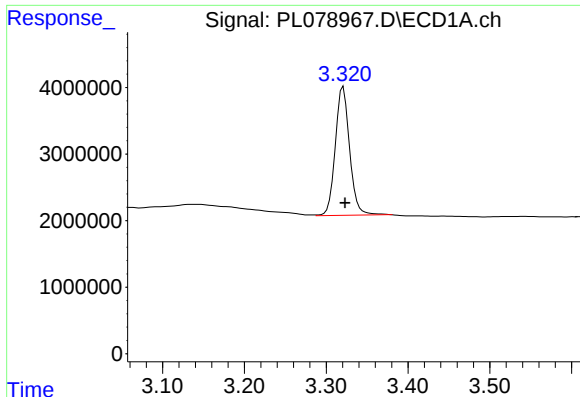
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110922\  
Data File : PL078967.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Nov 2022 16:42  
Operator : AR\AJ  
Sample : N5506-10  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 09 21:12:10 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

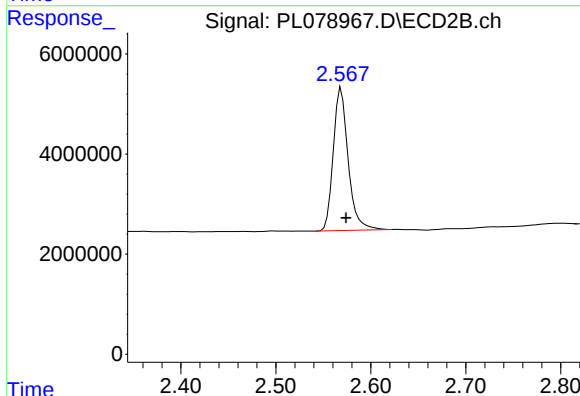




#1 Tetrachloro-m-xylene

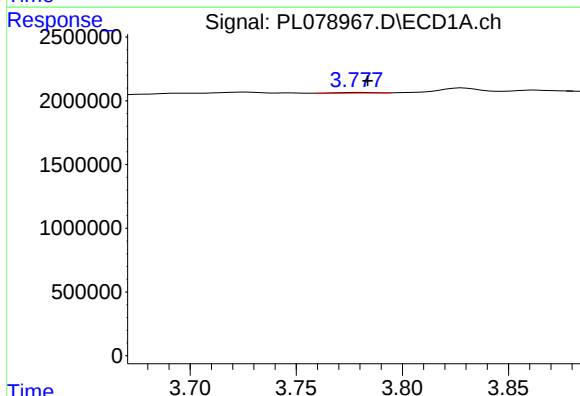
R.T.: 3.321 min  
Delta R.T.: -0.002 min  
Response: 23716116  
Conc: 12.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9



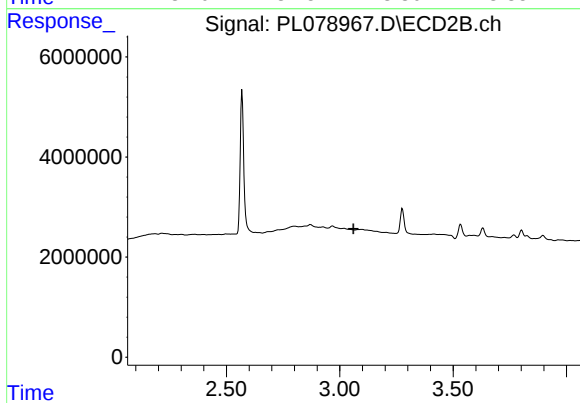
#1 Tetrachloro-m-xylene

R.T.: 2.569 min  
Delta R.T.: -0.005 min  
Response: 31112116  
Conc: 12.19 ng/ml



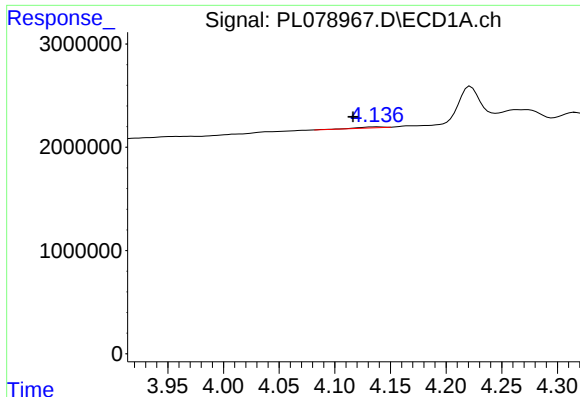
#2 alpha-BHC

R.T.: 3.780 min  
Delta R.T.: -0.004 min  
Response: 64429  
Conc: 0.02 ng/ml



#2 alpha-BHC

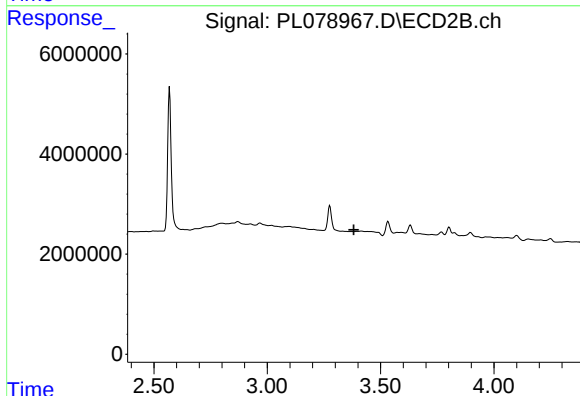
R.T.: 0.000 min  
Exp R.T. : 3.061 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

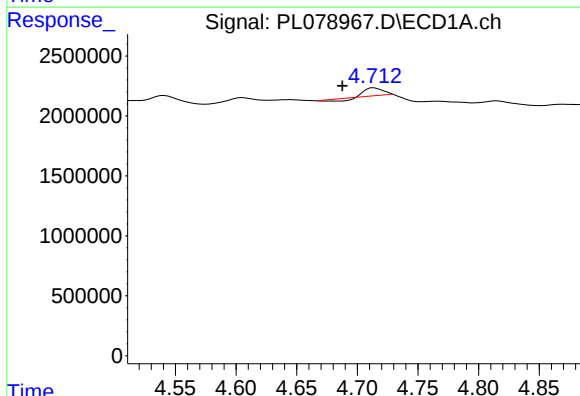
R.T.: 4.137 min  
Delta R.T.: 0.021 min  
Response: 146371  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9



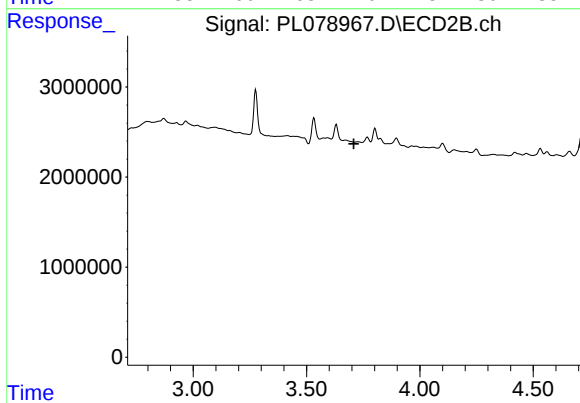
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.382 min  
Response: 0  
Conc: N.D.



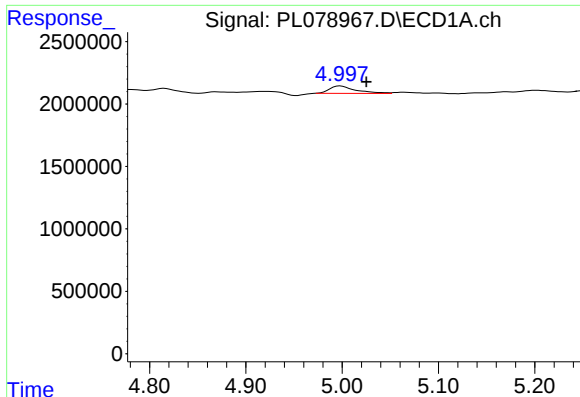
#4 Heptachlor

R.T.: 4.714 min  
Delta R.T.: 0.026 min  
Response: 539375  
Conc: 0.21 ng/ml



#4 Heptachlor

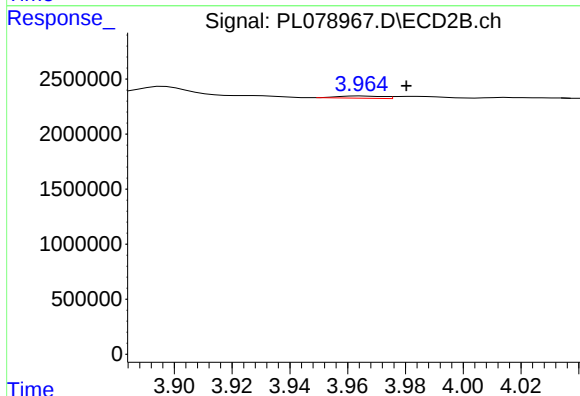
R.T.: 0.000 min  
Exp R.T. : 3.709 min  
Response: 0  
Conc: N.D.



#5 Aldrin

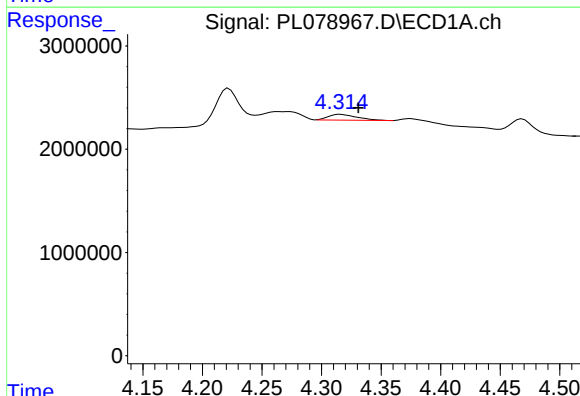
R.T.: 4.998 min  
Delta R.T.: -0.027 min  
Response: 1143928  
Conc: 0.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9



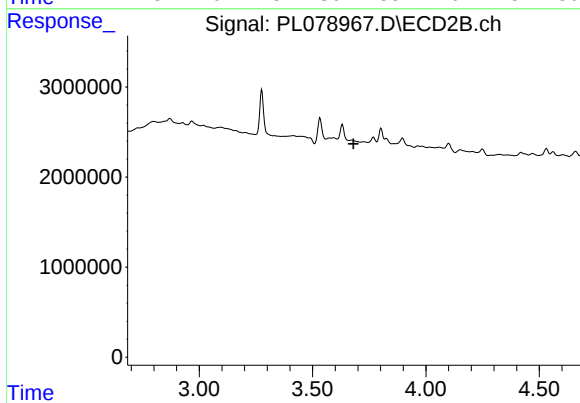
#5 Aldrin

R.T.: 3.964 min  
Delta R.T.: -0.016 min  
Response: 218550  
Conc: 0.06 ng/ml



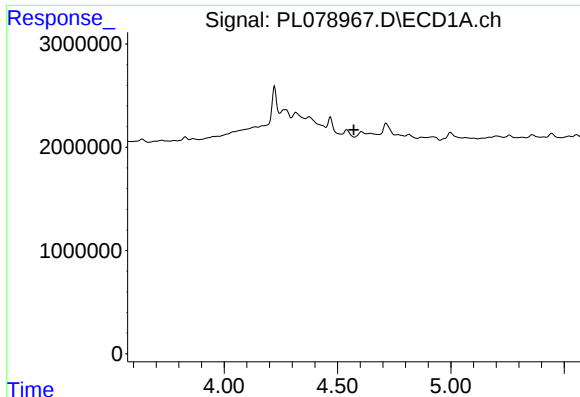
#6 beta-BHC

R.T.: 4.316 min  
Delta R.T.: -0.015 min  
Response: 844646  
Conc: 0.73 ng/ml



#6 beta-BHC

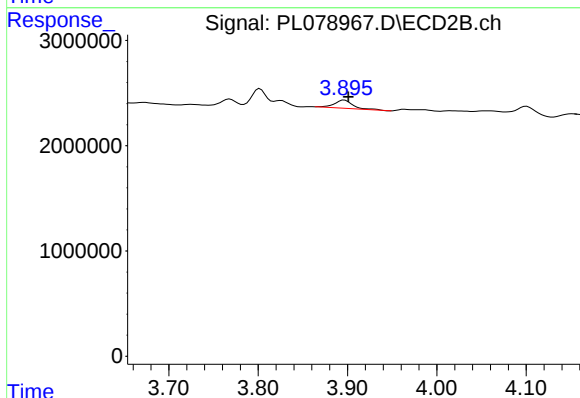
R.T.: 0.000 min  
Exp R.T. : 3.681 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

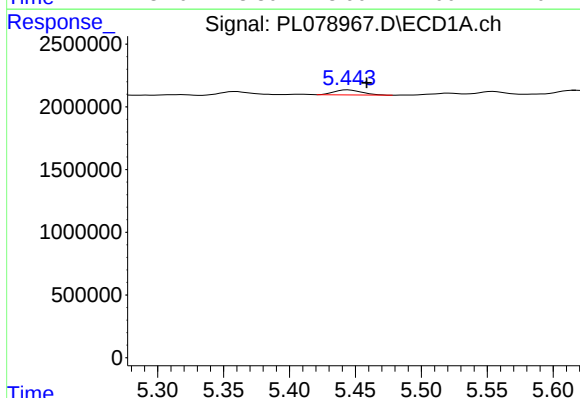
R.T.: 0.000 min  
Exp R.T.: 4.572 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9



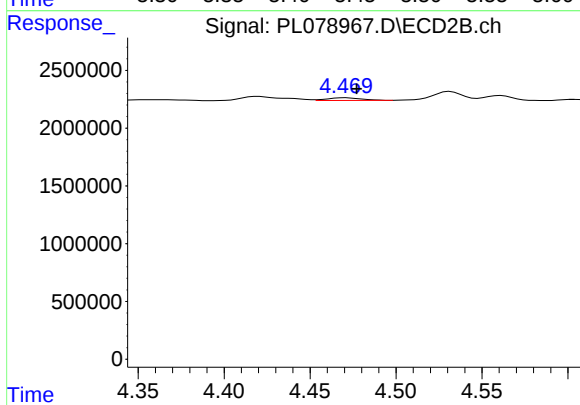
#7 delta-BHC

R.T.: 3.897 min  
Delta R.T.: -0.004 min  
Response: 1161717  
Conc: 0.32 ng/ml



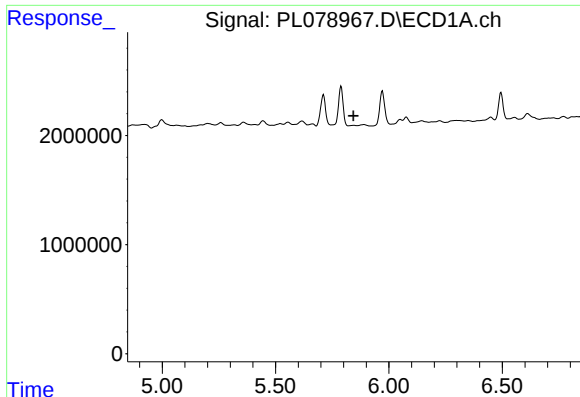
#8 Heptachlor epoxide

R.T.: 5.445 min  
Delta R.T.: -0.014 min  
Response: 581054  
Conc: 0.27 ng/ml



#8 Heptachlor epoxide

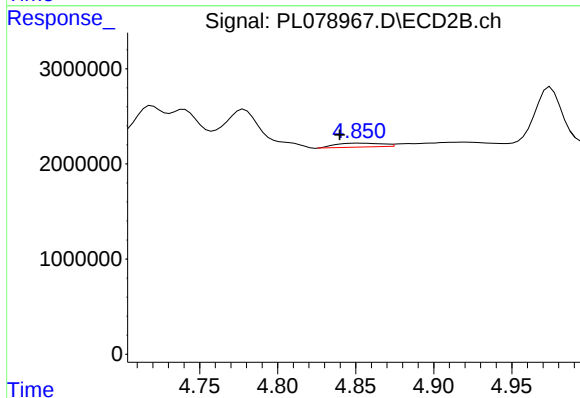
R.T.: 4.471 min  
Delta R.T.: -0.007 min  
Response: 321122  
Conc: 0.11 ng/ml



#9 Endosulfan I

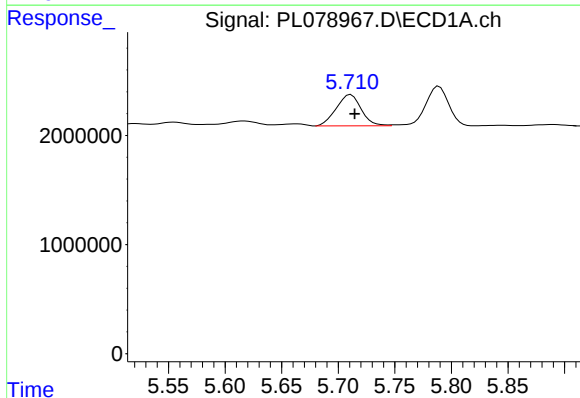
R.T.: 0.000 min  
Exp R.T.: 5.844 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9



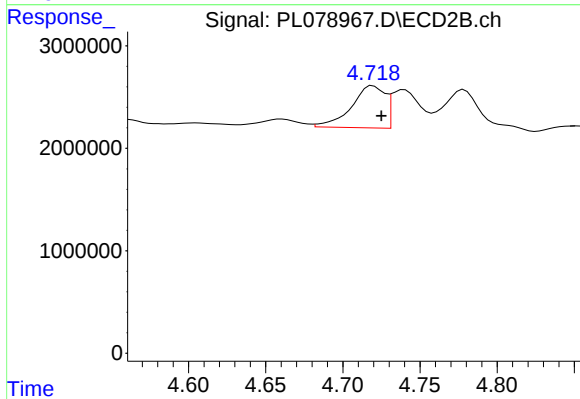
#9 Endosulfan I

R.T.: 4.852 min  
Delta R.T.: 0.013 min  
Response: 868612  
Conc: 0.30 ng/ml



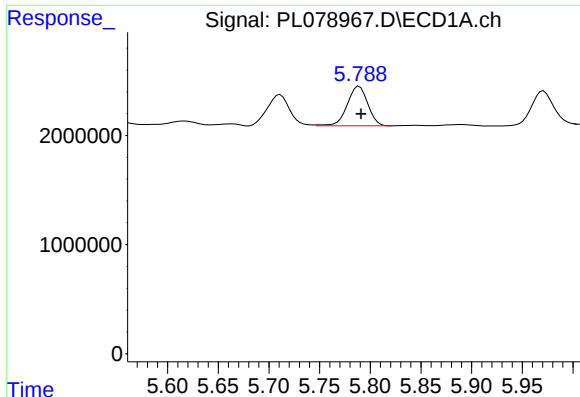
#10 gamma-Chlordane

R.T.: 5.711 min  
Delta R.T.: -0.003 min  
Response: 4411691  
Conc: 1.95 ng/ml



#10 gamma-Chlordane

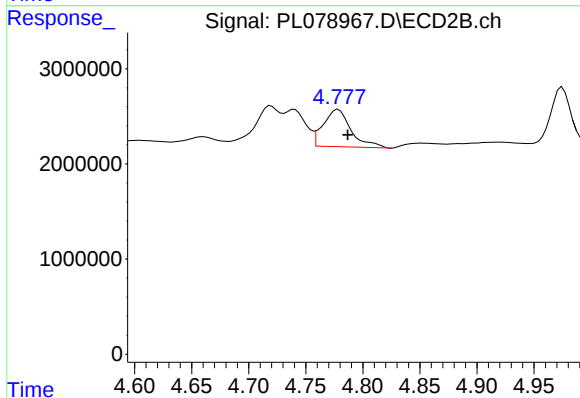
R.T.: 4.719 min  
Delta R.T.: -0.006 min  
Response: 6256901  
Conc: 2.04 ng/ml



#11 alpha-Chlordane

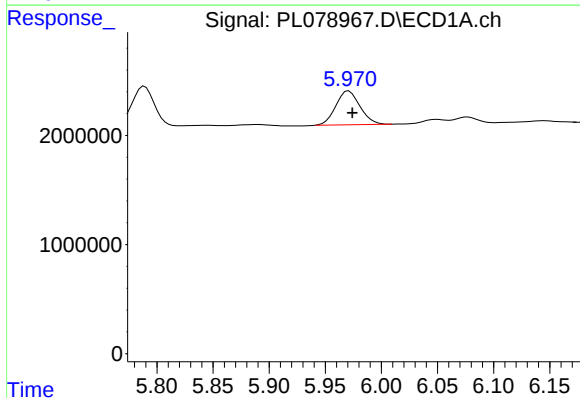
R.T.: 5.789 min  
Delta R.T.: -0.002 min  
Response: 5119041  
Conc: 2.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9



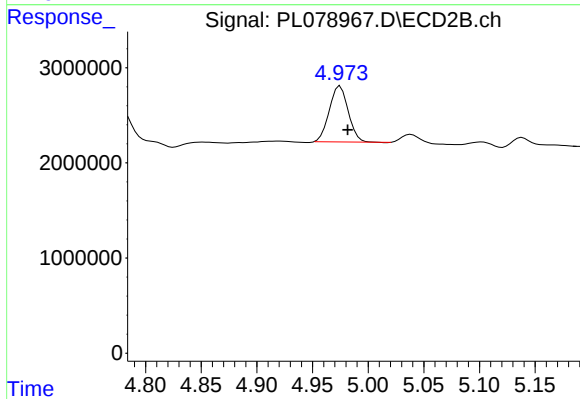
#11 alpha-Chlordane

R.T.: 4.779 min  
Delta R.T.: -0.008 min  
Response: 6632795  
Conc: 2.23 ng/ml



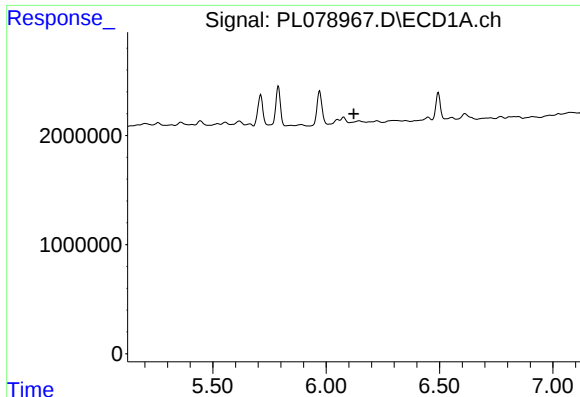
#12 4,4'-DDE

R.T.: 5.971 min  
Delta R.T.: -0.003 min  
Response: 4661851  
Conc: 2.33 ng/ml



#12 4,4'-DDE

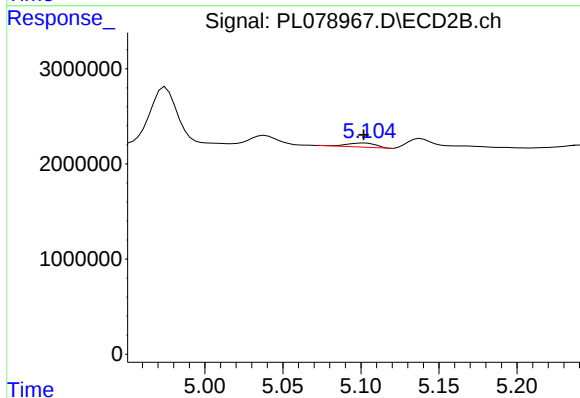
R.T.: 4.975 min  
Delta R.T.: -0.007 min  
Response: 6911720  
Conc: 2.54 ng/ml



#13 Dieldrin

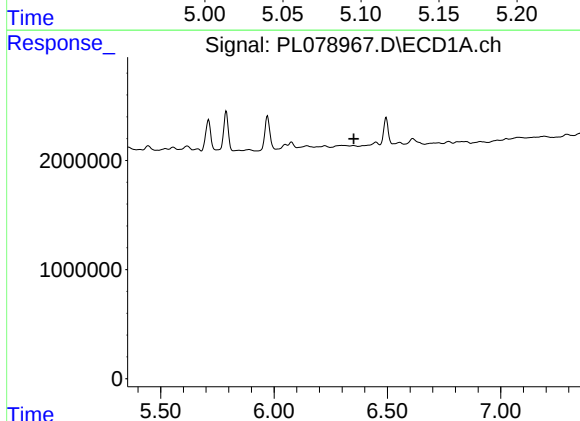
R.T.: 6.146 min  
Delta R.T.: 0.024 min  
Response: -319384  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9



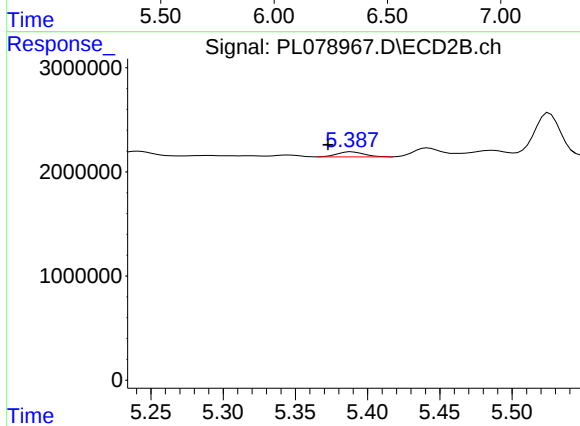
#13 Dieldrin

R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 561802  
Conc: 0.19 ng/ml



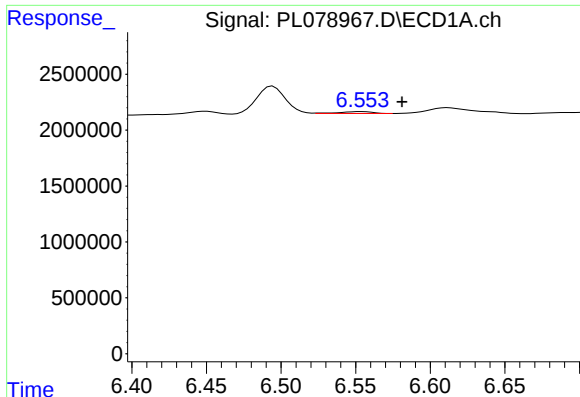
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.351 min  
Response: 0  
Conc: N.D.



#14 Endrin

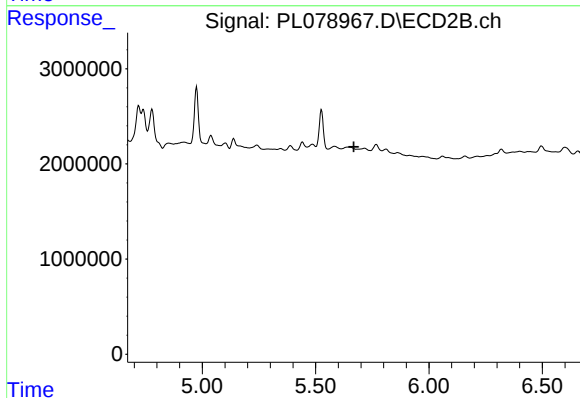
R.T.: 5.389 min  
Delta R.T.: 0.016 min  
Response: 622046  
Conc: 0.24 ng/ml



#15 Endosulfan II

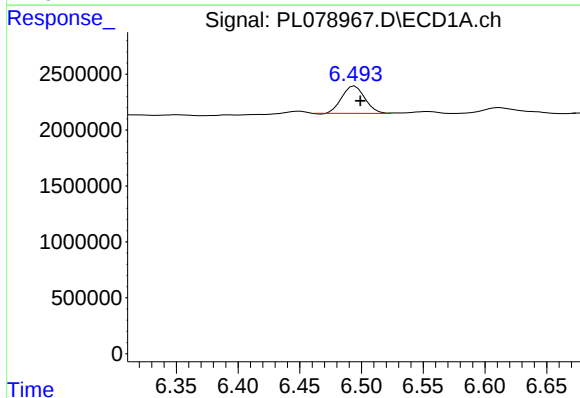
R.T.: 6.554 min  
Delta R.T.: -0.027 min  
Response: 247733  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9



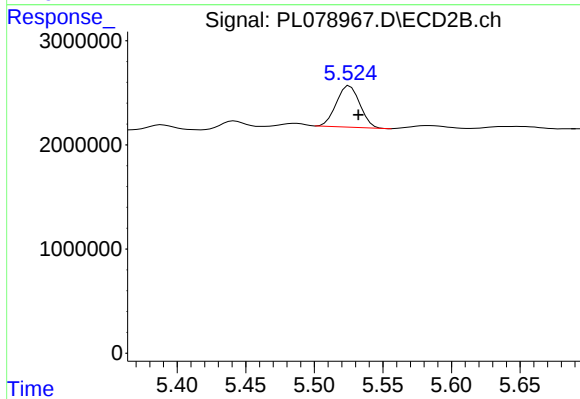
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 5.669 min  
Response: 0  
Conc: N.D.



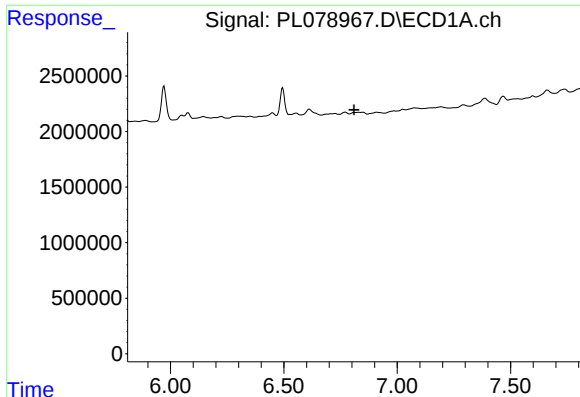
#16 4,4'-DDD

R.T.: 6.494 min  
Delta R.T.: -0.005 min  
Response: 3169258  
Conc: 1.90 ng/ml



#16 4,4'-DDD

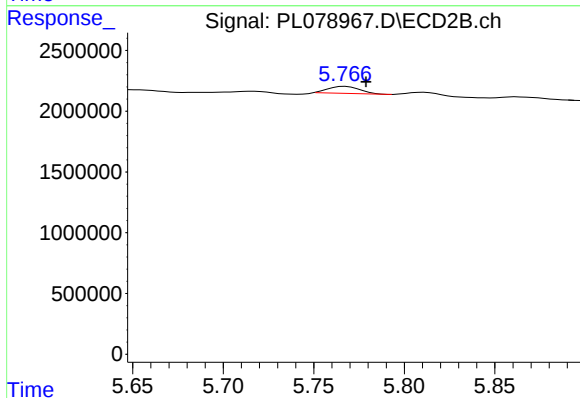
R.T.: 5.526 min  
Delta R.T.: -0.006 min  
Response: 4756918  
Conc: 2.17 ng/ml



#17 4,4'-DDT

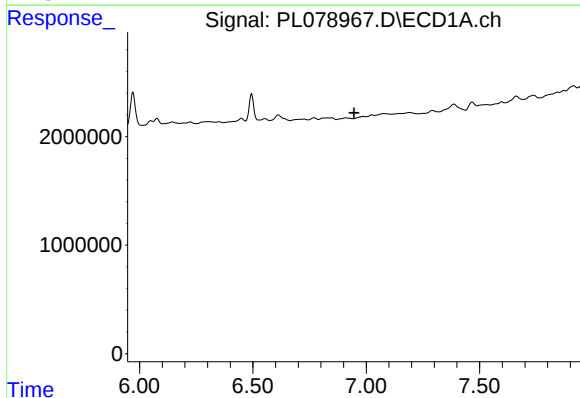
R.T.: 6.809 min  
Delta R.T.: 0.000 min  
Response: -75591  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9



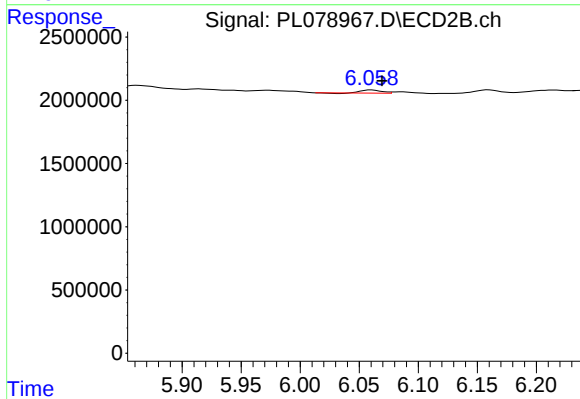
#17 4,4'-DDT

R.T.: 5.767 min  
Delta R.T.: -0.012 min  
Response: 694251  
Conc: 0.32 ng/ml



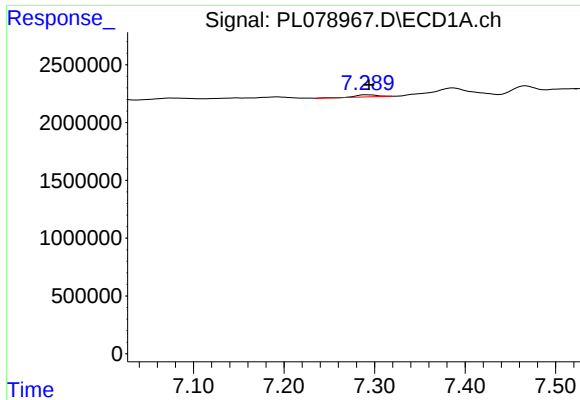
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.946 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

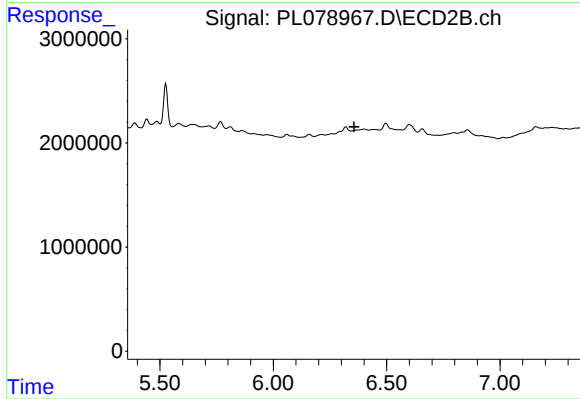
R.T.: 6.060 min  
Delta R.T.: -0.009 min  
Response: 273562  
Conc: 0.11 ng/ml



#20 Methoxychlor

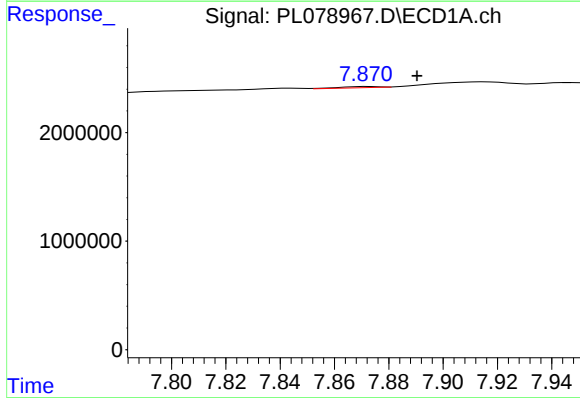
R.T.: 7.291 min  
Delta R.T.: -0.003 min  
Response: 271831  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9



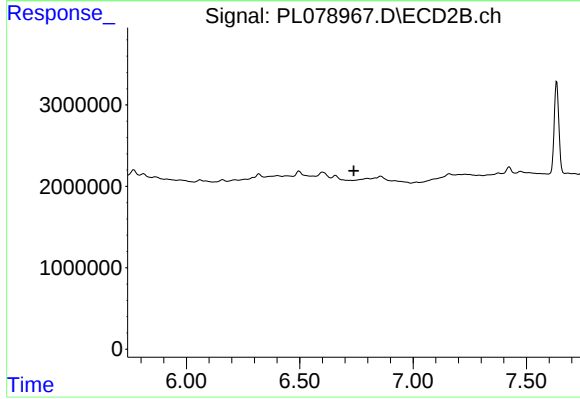
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.357 min  
Response: 0  
Conc: N.D.



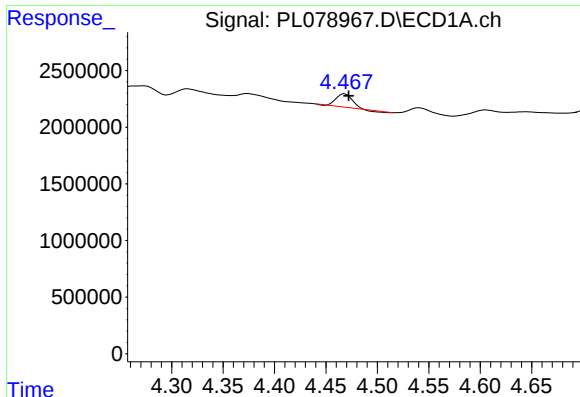
#22 Mirex

R.T.: 7.873 min  
Delta R.T.: -0.018 min  
Response: 95739  
Conc: 0.07 ng/ml



#22 Mirex

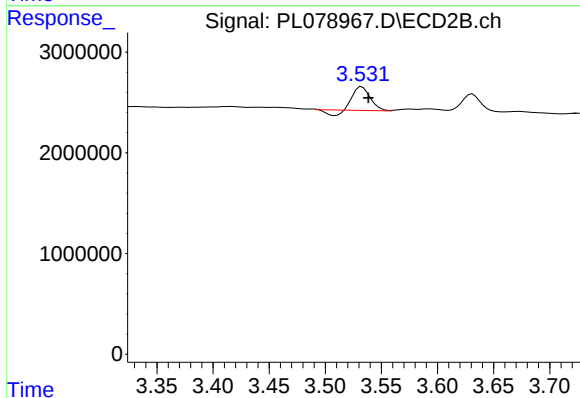
R.T.: 0.000 min  
Exp R.T. : 6.739 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

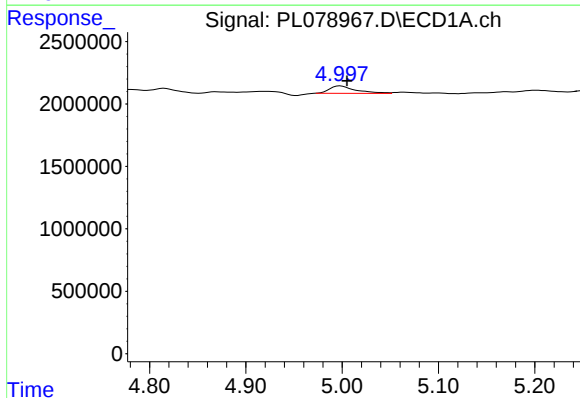
R.T.: 4.469 min  
Delta R.T.: -0.004 min  
Response: 1213373  
Conc: 15.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9



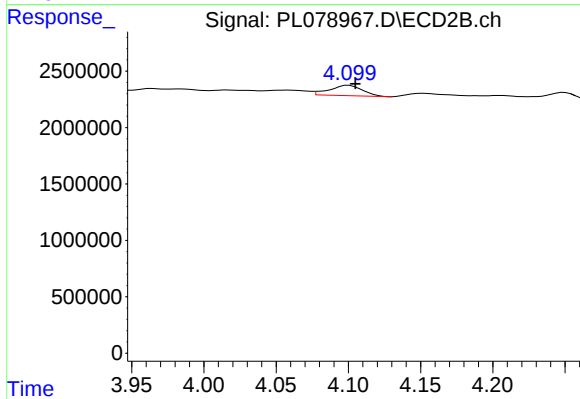
#23 Chlordane-1

R.T.: 3.533 min  
Delta R.T.: -0.006 min  
Response: 2188458  
Conc: 21.70 ng/ml



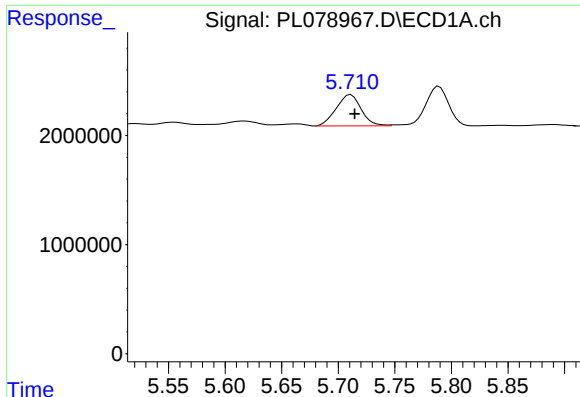
#24 Chlordane-2

R.T.: 4.998 min  
Delta R.T.: -0.007 min  
Response: 1143928  
Conc: 13.82 ng/ml



#24 Chlordane-2

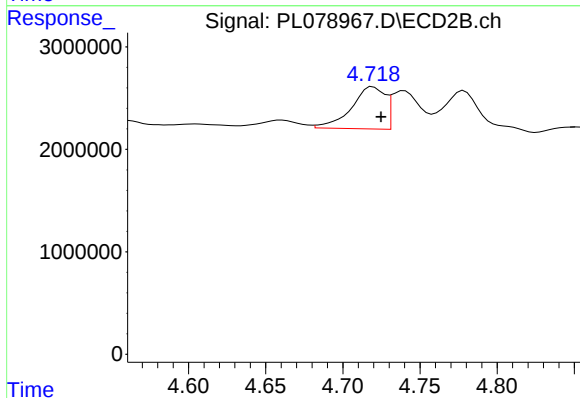
R.T.: 4.100 min  
Delta R.T.: -0.005 min  
Response: 1458964  
Conc: 13.71 ng/ml



#25 Chlordane-3

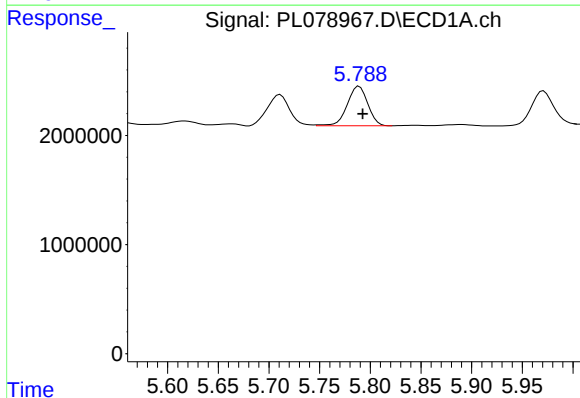
R.T.: 5.711 min  
Delta R.T.: -0.003 min  
Response: 4411691  
Conc: 13.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9



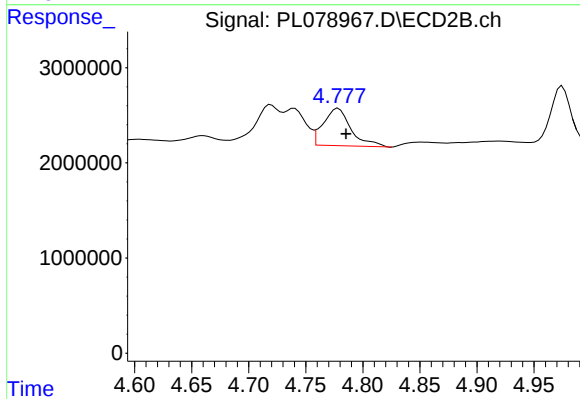
#25 Chlordane-3

R.T.: 4.719 min  
Delta R.T.: -0.005 min  
Response: 6256901  
Conc: 20.53 ng/ml



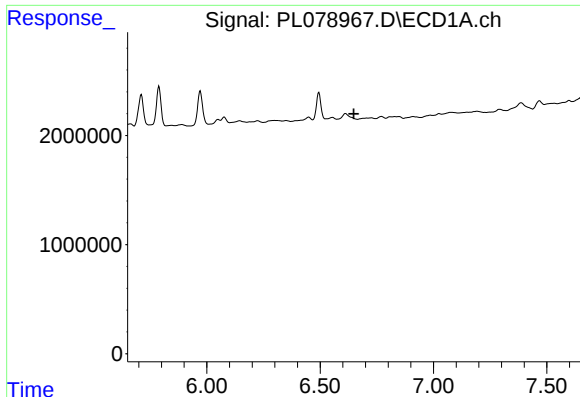
#26 Chlordane-4

R.T.: 5.789 min  
Delta R.T.: -0.003 min  
Response: 5119041  
Conc: 12.47 ng/ml



#26 Chlordane-4

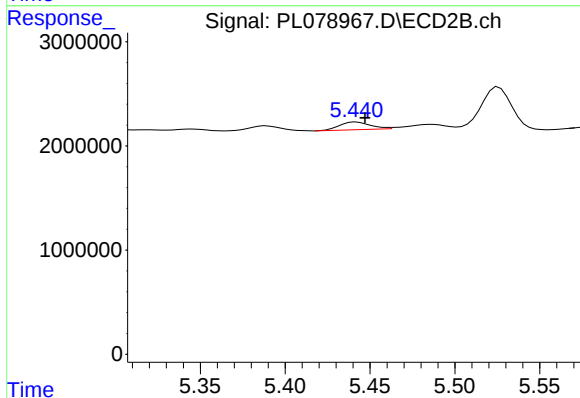
R.T.: 4.779 min  
Delta R.T.: -0.007 min  
Response: 6632795  
Conc: 20.30 ng/ml



#27 Chlordane-5

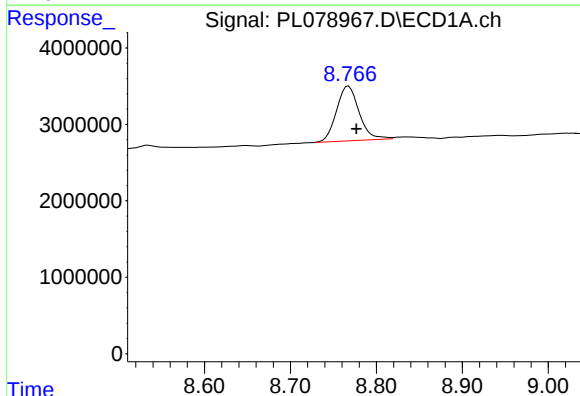
R.T.: 0.000 min  
Exp R.T.: 6.649 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9



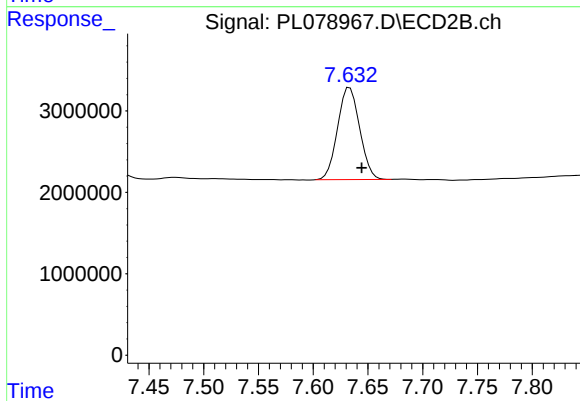
#27 Chlordane-5

R.T.: 5.442 min  
Delta R.T.: -0.005 min  
Response: 937116  
Conc: 11.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.768 min  
Delta R.T.: -0.009 min  
Response: 13066503  
Conc: 8.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.633 min  
Delta R.T.: -0.011 min  
Response: 15871229  
Conc: 8.38 ng/ml