

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032223\  
 Data File : PL081658.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Mar 2023 08:58  
 Operator : AR\AJ  
 Sample : 02021-15  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 23 09:24:33 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... | 3.329  | 2.659  | 26142943 | 22452899 | 11.240 | 11.248   |
| 28)                         | SA Decachlor... | 8.750  | 7.775  | 23529384 | 25336149 | 13.148 | 12.775   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.143  | 0        | 5218     | N.D.   | 0.002 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.819  | 0        | 300106   | N.D.   | 0.105 #  |
| 5)                          | MB Aldrin       | 5.018  | 4.078f | 1744678  | 2815839  | 0.610  | 1.057 #  |
| 6)                          | B beta-BHC      | 4.310  | 3.787  | 4322599  | 72805    | 2.872  | 0.061 #  |
| 7)                          | B delta-BHC     | 4.548  | 4.013  | 1624891  | 735996   | 0.535  | 0.285 #  |
| 8)                          | B Heptachlo...  | 5.447  | 4.597  | 6662530  | 1112125  | 2.449  | 0.458 #  |
| 10)                         | B gamma-Chl...  | 5.727f | 4.826f | 3536853  | 10272770 | 1.347  | 4.227 #  |
| 11)                         | B alpha-Chl...  | 5.787  | 4.905  | 6282977  | 6216546  | 2.427  | 2.559    |
| 12)                         | B 4,4'-DDE      | 5.958  | 5.100  | 5418708  | -421000  | 2.404  | N.D. #   |
| 13)                         | MA Dieldrin     | 6.109  | 5.233  | 517739   | 9400584  | 0.214  | 4.179 #  |
| 14)                         | MA Endrin       | 6.336  | 5.512  | 3704939  | -20128   | 1.752  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.548  | 5.793  | 706794   | 2376289  | 0.333  | 1.310 #  |
| 16)                         | A 4,4'-DDD      | 6.482  | 0.000  | 2903603  | 0        | 1.610  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.786  | 5.899  | 2514304  | 7032608  | 1.239  | 4.081 #  |
| 18)                         | B Endrin al...  | 6.696  | 5.995  | 746744   | 1017998  | 0.456  | 0.656 #  |
| 19)                         | B Endosulfa...  | 6.899f | 6.197  | 791232   | 1410161  | 0.380  | 0.725 #  |
| 21)                         | B Endrin ke...  | 7.376f | 6.733f | 1826160  | 1105783  | 0.872  | 0.517 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.651  | 0        | 1344359  | N.D.   | 17.454 # |
| 24)                         | Chlordane-2     | 5.018f | 4.220  | 1744678  | 1119519  | 16.763 | 11.984 # |
| 25)                         | Chlordane-3     | 5.727f | 4.826f | 3536853  | 10272770 | 8.929  | 40.786 # |
| 26)                         | Chlordane-4     | 5.787  | 4.905  | 6282977  | 6216546  | 13.129 | 23.733 # |
| 27)                         | Chlordane-5     | 6.606f | 5.573  | 2805370  | 1758030  | 33.037 | 26.341   |
| -----                       |                 |        |        |          |          |        |          |

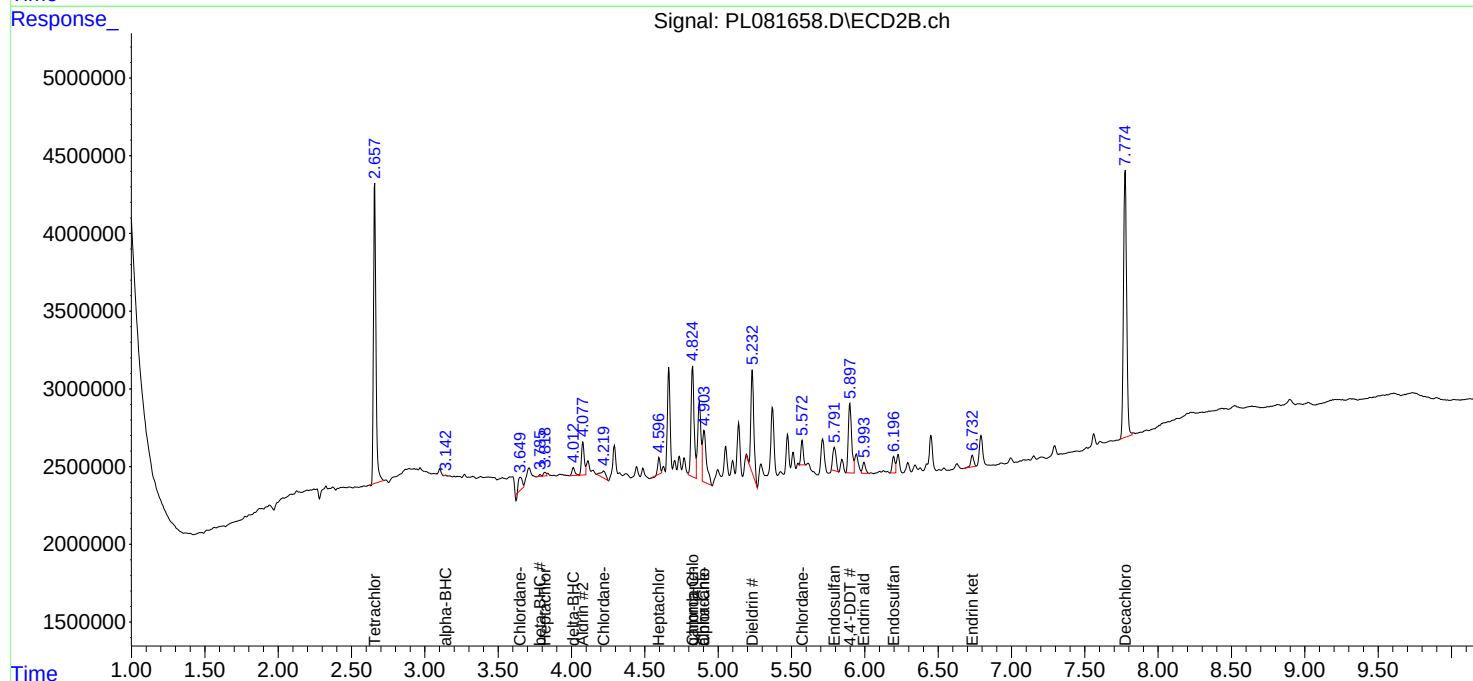
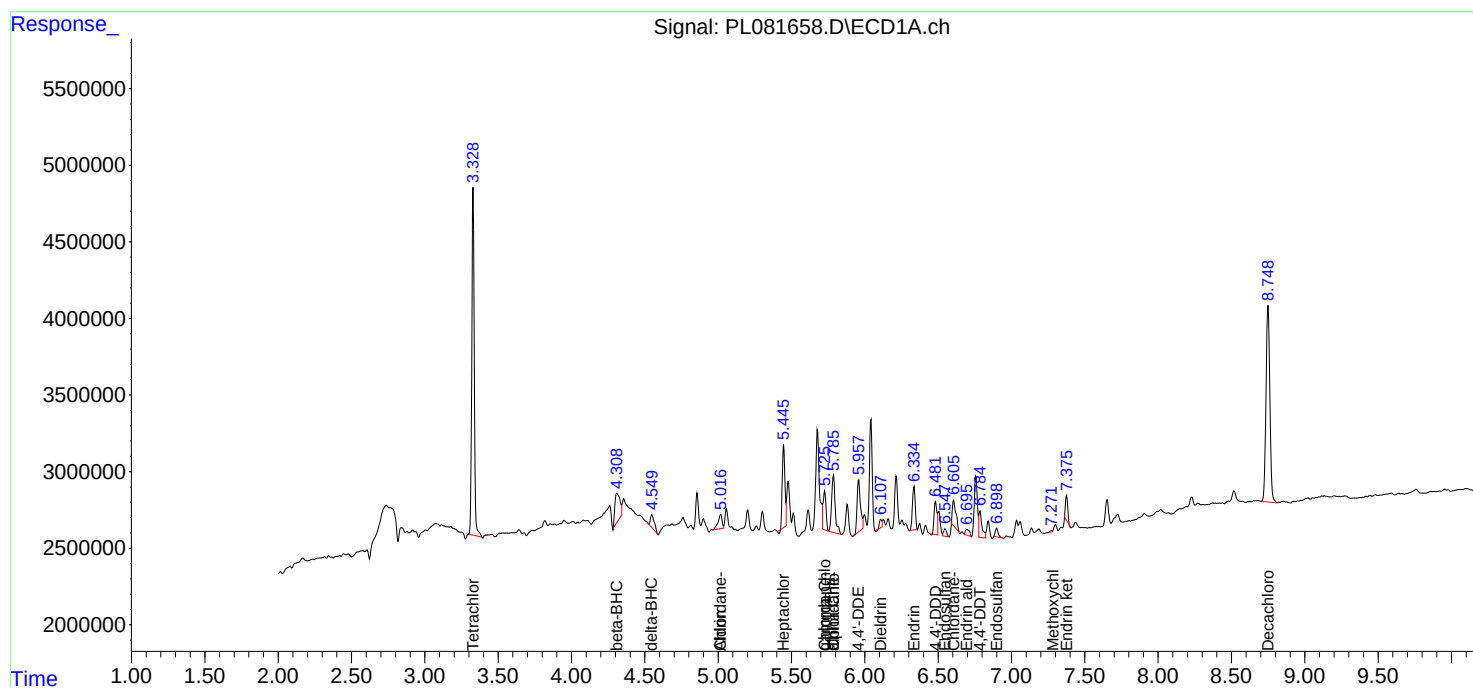
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

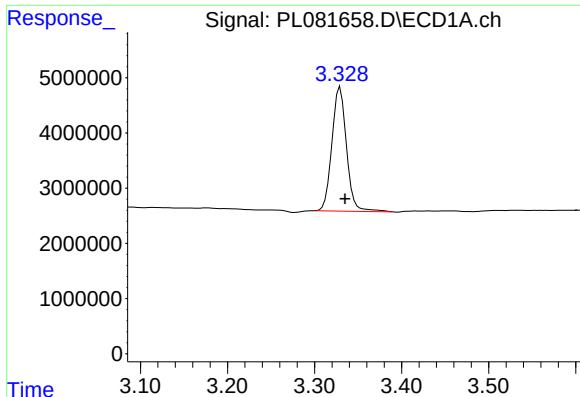
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032223\  
Data File : PL081658.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Mar 2023 08:58  
Operator : AR\AJ  
Sample : 02021-15  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 23 09:24:33 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

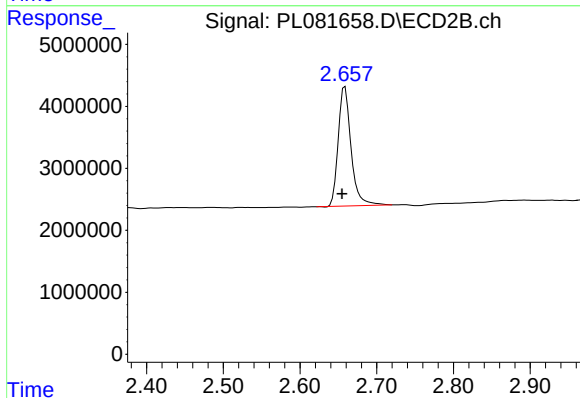




#1 Tetrachloro-m-xylene

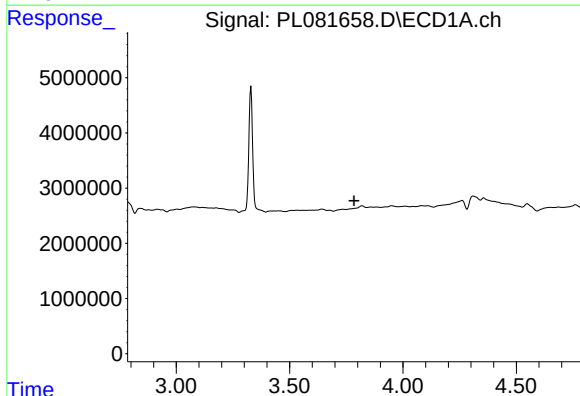
R.T.: 3.329 min  
Delta R.T.: -0.006 min  
Response: 26142943  
Conc: 11.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



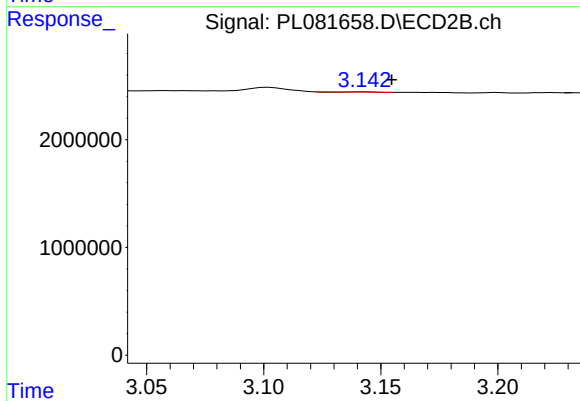
#1 Tetrachloro-m-xylene

R.T.: 2.659 min  
Delta R.T.: 0.004 min  
Response: 22452899  
Conc: 11.25 ng/ml



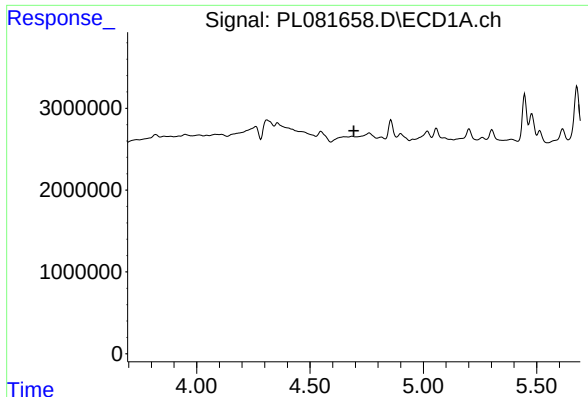
#2 alpha-BHC

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



#2 alpha-BHC

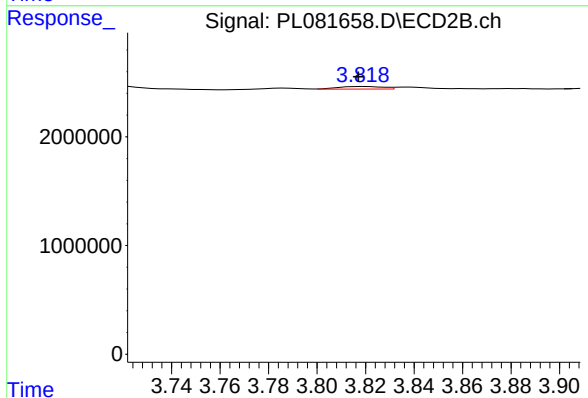
R.T.: 3.143 min  
Delta R.T.: -0.012 min  
Response: 5218  
Conc: 0.00 ng/ml



#4 Heptachlor

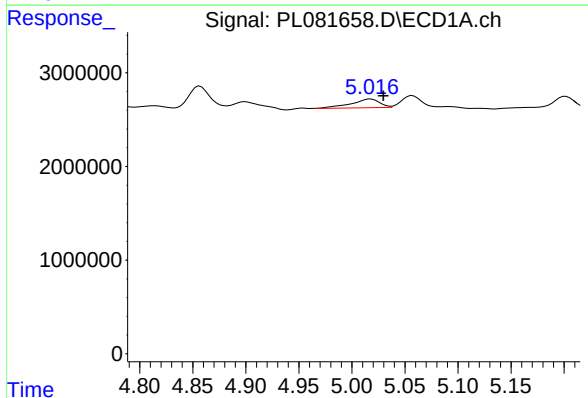
R.T.: 0.000 min  
Exp R.T.: 4.693 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



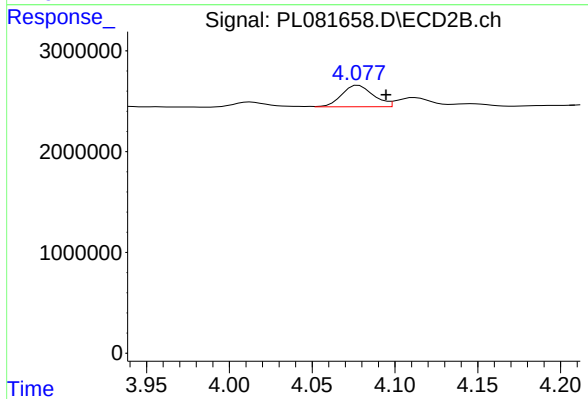
#4 Heptachlor

R.T.: 3.819 min  
Delta R.T.: 0.002 min  
Response: 300106  
Conc: 0.10 ng/ml



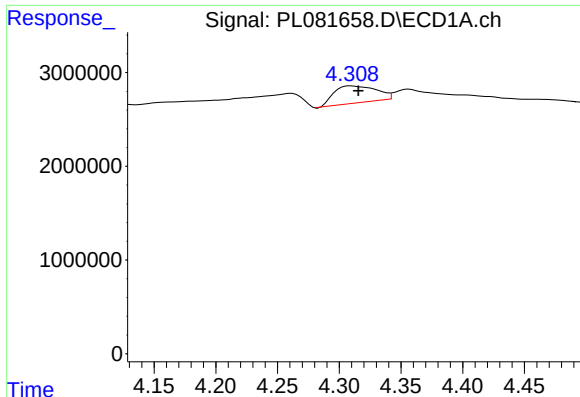
#5 Aldrin

R.T.: 5.018 min  
Delta R.T.: -0.012 min  
Response: 1744678  
Conc: 0.61 ng/ml



#5 Aldrin

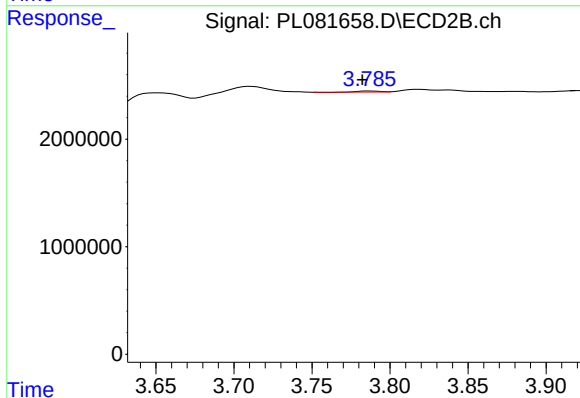
R.T.: 4.078 min  
Delta R.T.: -0.017 min  
Response: 2815839  
Conc: 1.06 ng/ml



#6 beta-BHC

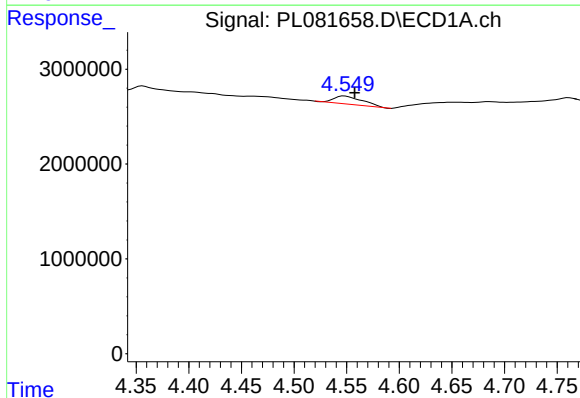
R.T.: 4.310 min  
Delta R.T.: -0.006 min  
Response: 4322599  
Conc: 2.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



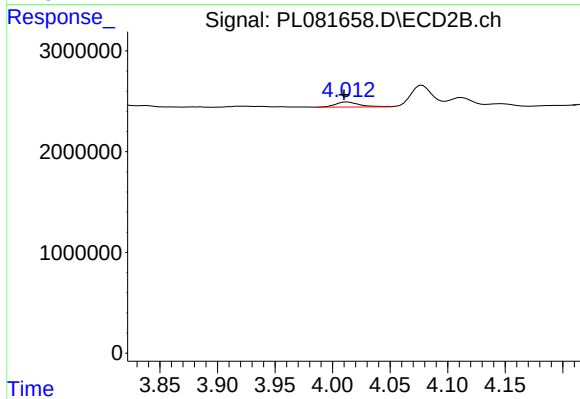
#6 beta-BHC

R.T.: 3.787 min  
Delta R.T.: 0.004 min  
Response: 72805  
Conc: 0.06 ng/ml



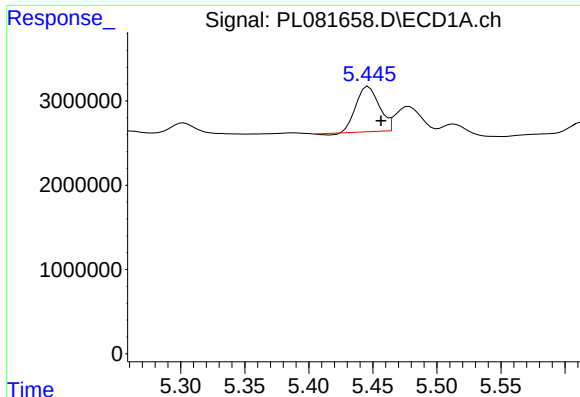
#7 delta-BHC

R.T.: 4.548 min  
Delta R.T.: -0.010 min  
Response: 1624891  
Conc: 0.53 ng/ml



#7 delta-BHC

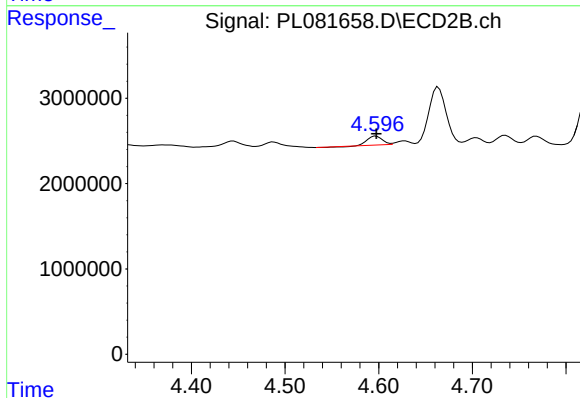
R.T.: 4.013 min  
Delta R.T.: 0.003 min  
Response: 735996  
Conc: 0.28 ng/ml



#8 Heptachlor epoxide

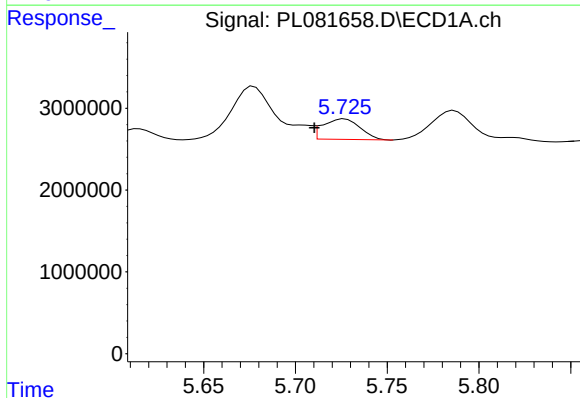
R.T.: 5.447 min  
Delta R.T.: -0.010 min  
Response: 6662530  
Conc: 2.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



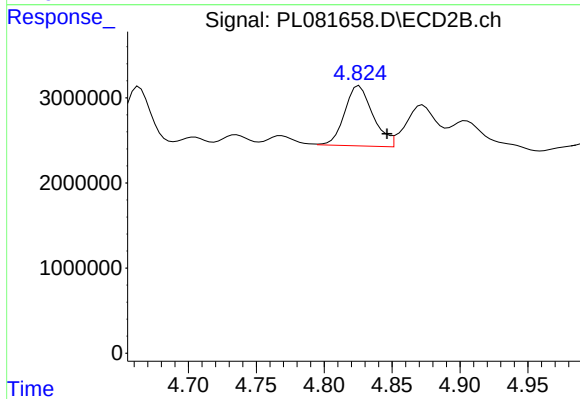
#8 Heptachlor epoxide

R.T.: 4.597 min  
Delta R.T.: 0.000 min  
Response: 1112125  
Conc: 0.46 ng/ml



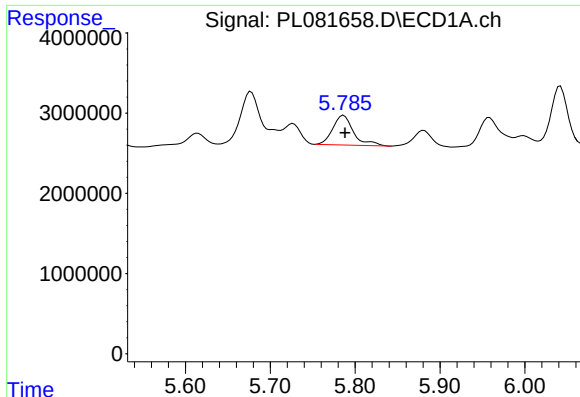
#10 gamma-Chlordane

R.T.: 5.727 min  
Delta R.T.: 0.017 min  
Response: 3536853  
Conc: 1.35 ng/ml



#10 gamma-Chlordane

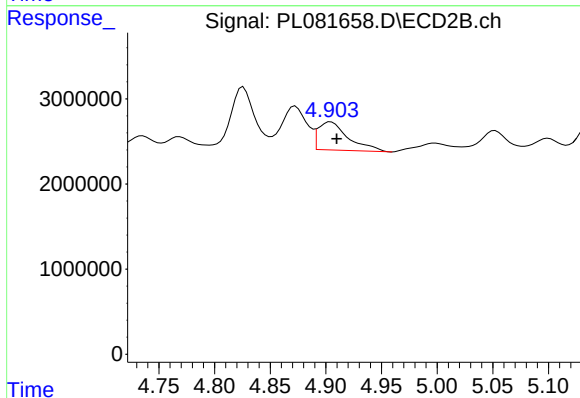
R.T.: 4.826 min  
Delta R.T.: -0.020 min  
Response: 10272770  
Conc: 4.23 ng/ml



#11 alpha-Chlordane

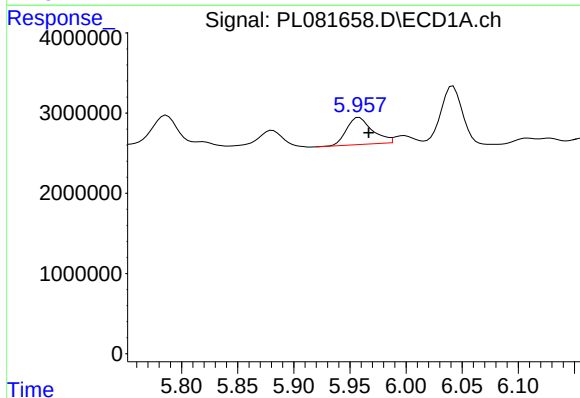
R.T.: 5.787 min  
Delta R.T.: -0.002 min  
Response: 6282977  
Conc: 2.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



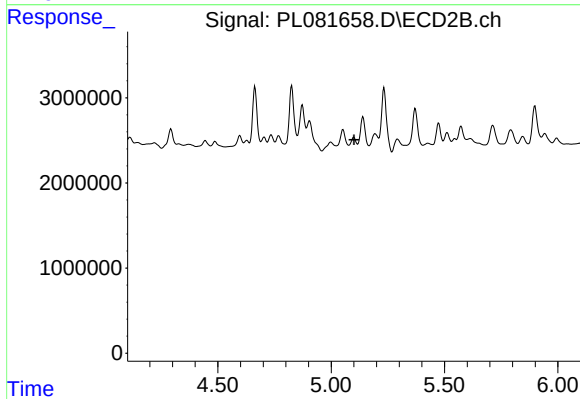
#11 alpha-Chlordane

R.T.: 4.905 min  
Delta R.T.: -0.005 min  
Response: 6216546  
Conc: 2.56 ng/ml



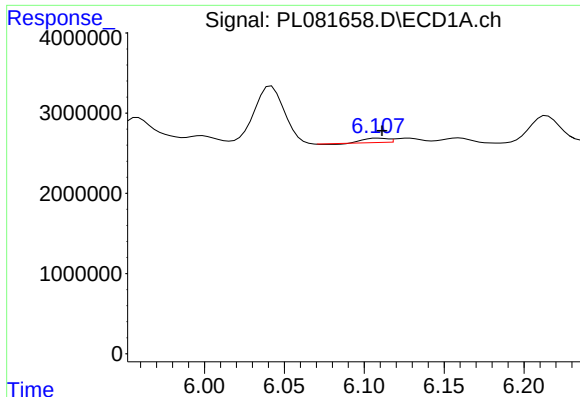
#12 4,4'-DDE

R.T.: 5.958 min  
Delta R.T.: -0.008 min  
Response: 5418708  
Conc: 2.40 ng/ml



#12 4,4'-DDE

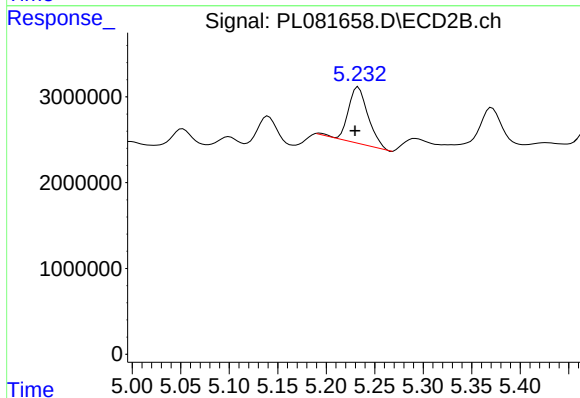
R.T.: 5.100 min  
Delta R.T.: 0.000 min  
Response: -421000  
Conc: N.D.



#13 Dieldrin

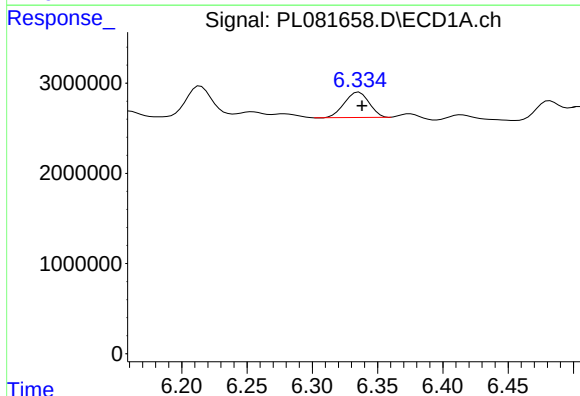
R.T.: 6.109 min  
Delta R.T.: -0.002 min  
Response: 517739  
Conc: 0.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



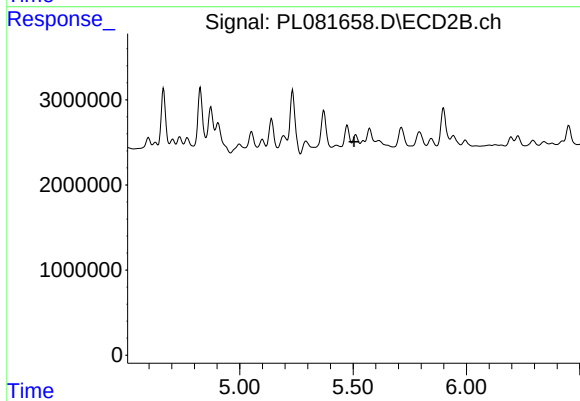
#13 Dieldrin

R.T.: 5.233 min  
Delta R.T.: 0.004 min  
Response: 9400584  
Conc: 4.18 ng/ml



#14 Endrin

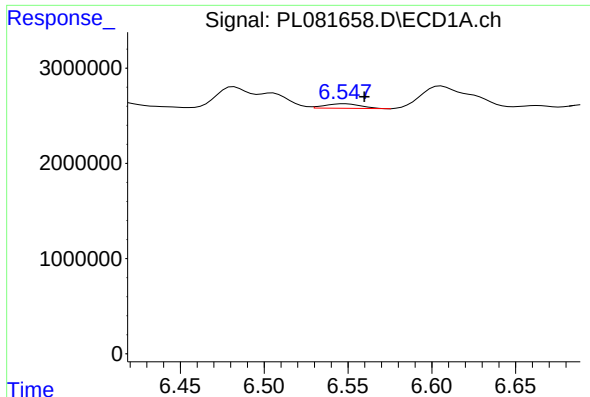
R.T.: 6.336 min  
Delta R.T.: -0.002 min  
Response: 3704939  
Conc: 1.75 ng/ml



#14 Endrin

R.T.: 5.512 min  
Delta R.T.: 0.007 min  
Response: -20128  
Conc: N.D.

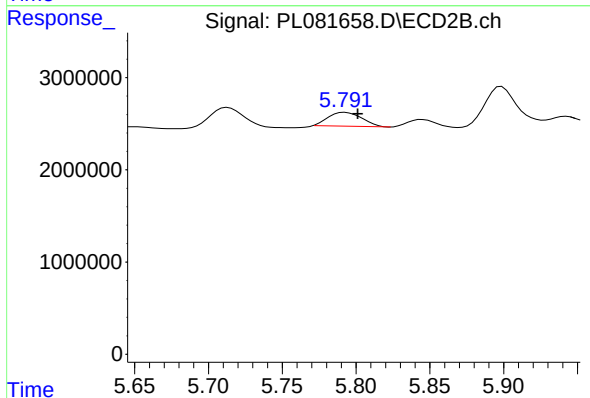




#15 Endosulfan II

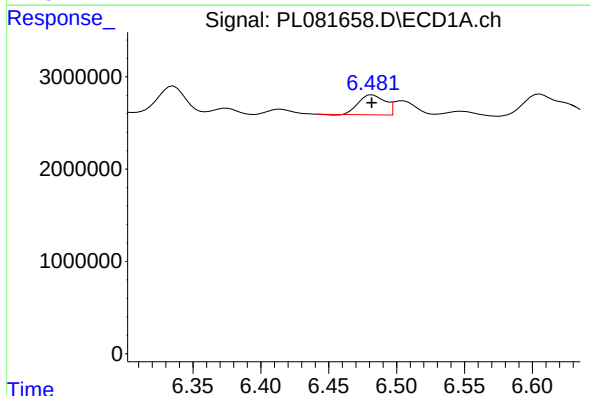
R.T.: 6.548 min  
Delta R.T.: -0.012 min  
Response: 706794  
Conc: 0.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



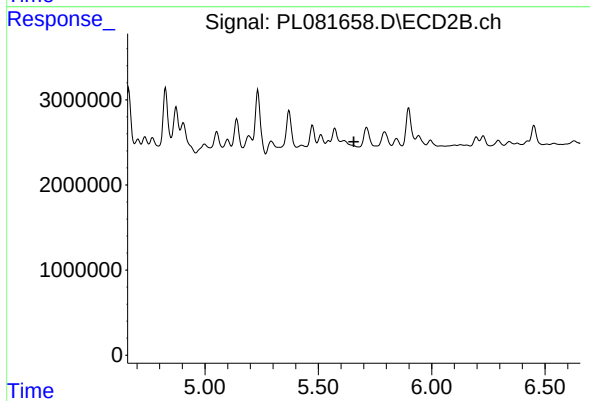
#15 Endosulfan II

R.T.: 5.793 min  
Delta R.T.: -0.008 min  
Response: 2376289  
Conc: 1.31 ng/ml



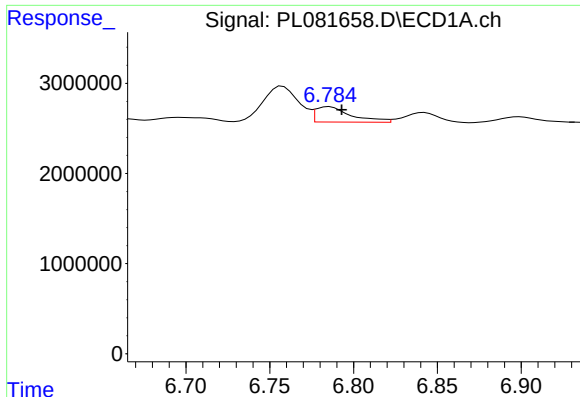
#16 4,4'-DDD

R.T.: 6.482 min  
Delta R.T.: 0.000 min  
Response: 2903603  
Conc: 1.61 ng/ml



#16 4,4'-DDD

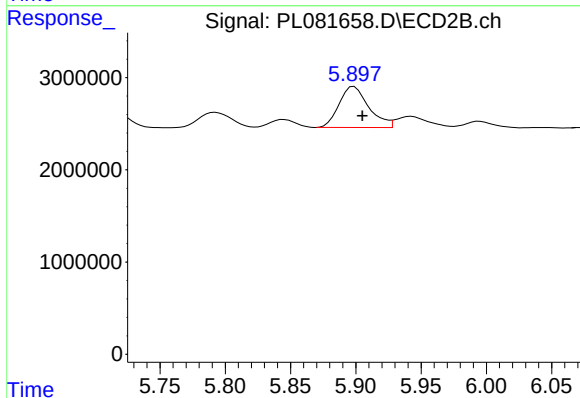
R.T.: 0.000 min  
Exp R.T. : 5.656 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

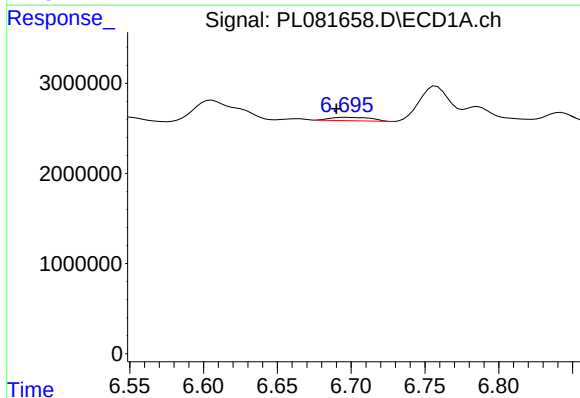
R.T.: 6.786 min  
Delta R.T.: -0.007 min  
Response: 2514304  
Conc: 1.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



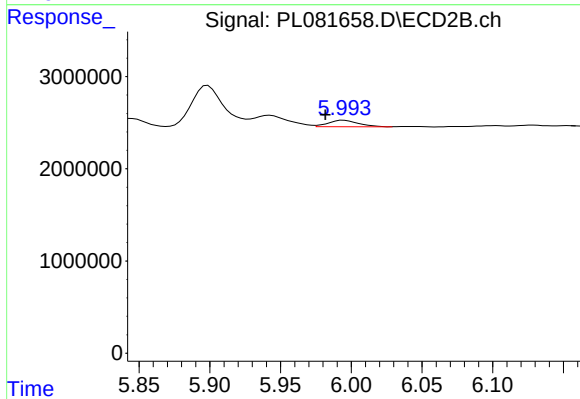
#17 4,4'-DDT

R.T.: 5.899 min  
Delta R.T.: -0.006 min  
Response: 7032608  
Conc: 4.08 ng/ml



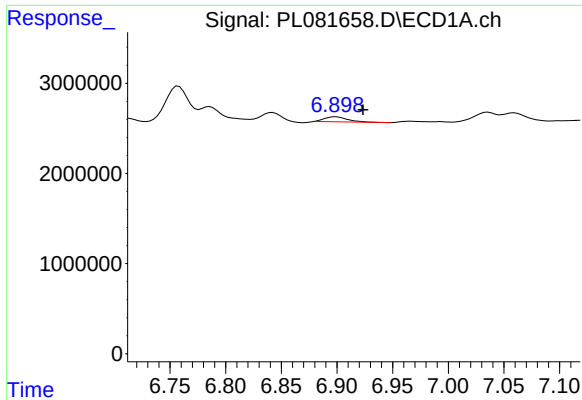
#18 Endrin aldehyde

R.T.: 6.696 min  
Delta R.T.: 0.006 min  
Response: 746744  
Conc: 0.46 ng/ml



#18 Endrin aldehyde

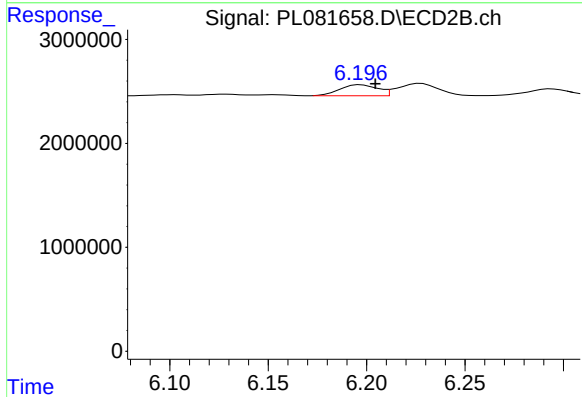
R.T.: 5.995 min  
Delta R.T.: 0.013 min  
Response: 1017998  
Conc: 0.66 ng/ml



#19 Endosulfan Sulfate

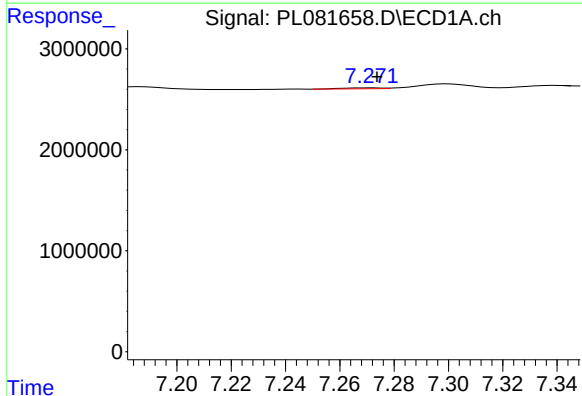
R.T.: 6.899 min  
Delta R.T.: -0.024 min  
Response: 791232  
Conc: 0.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



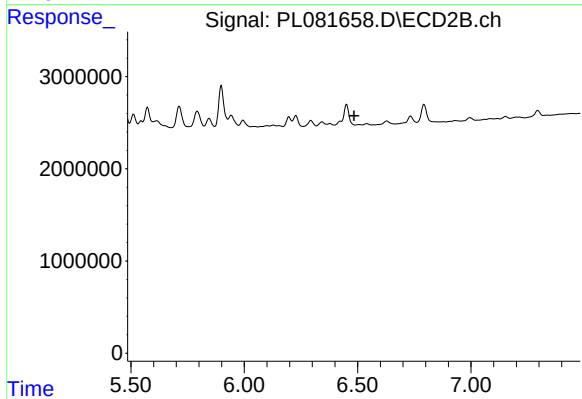
#19 Endosulfan Sulfate

R.T.: 6.197 min  
Delta R.T.: -0.007 min  
Response: 1410161  
Conc: 0.72 ng/ml



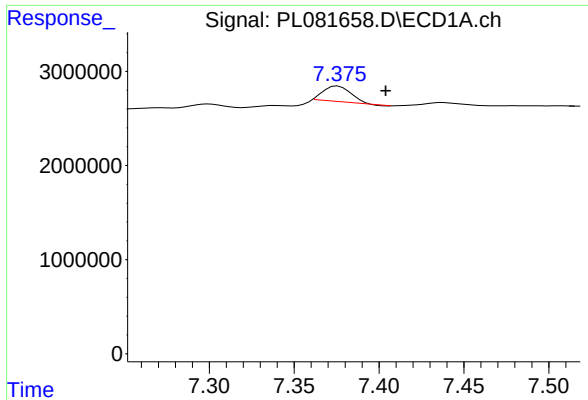
#20 Methoxychlor

R.T.: 7.272 min  
Delta R.T.: -0.002 min  
Response: 80844  
Conc: 0.08 ng/ml



#20 Methoxychlor

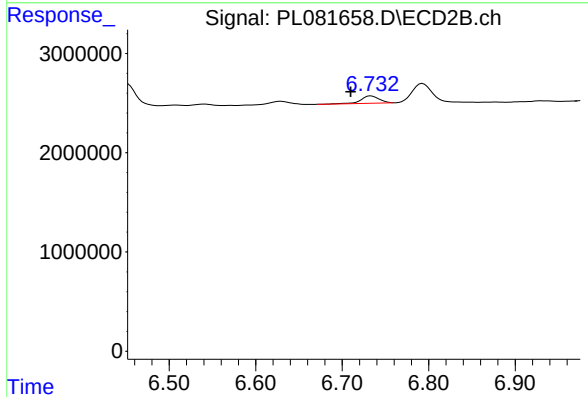
R.T.: 6.507 min  
Delta R.T.: 0.022 min  
Response: -892072  
Conc: N.D.



#21 Endrin ketone

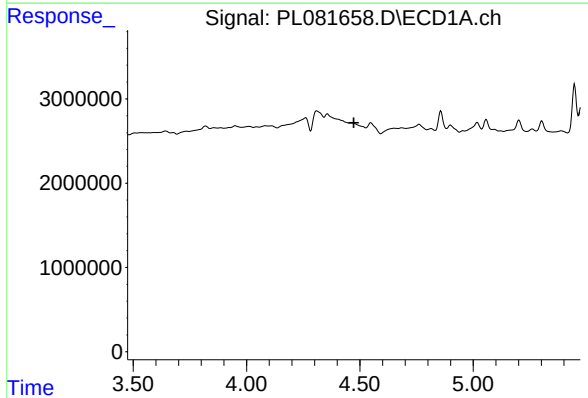
R.T.: 7.376 min  
Delta R.T.: -0.028 min  
Response: 1826160  
Conc: 0.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



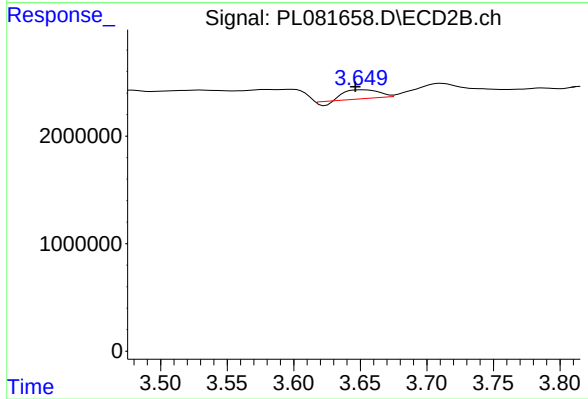
#21 Endrin ketone

R.T.: 6.733 min  
Delta R.T.: 0.023 min  
Response: 1105783  
Conc: 0.52 ng/ml



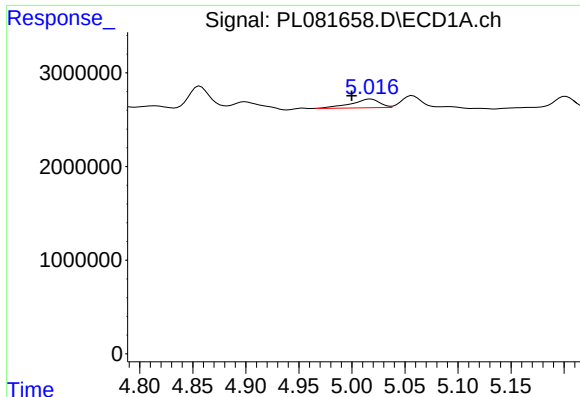
#23 Chlordane-1

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



#23 Chlordane-1

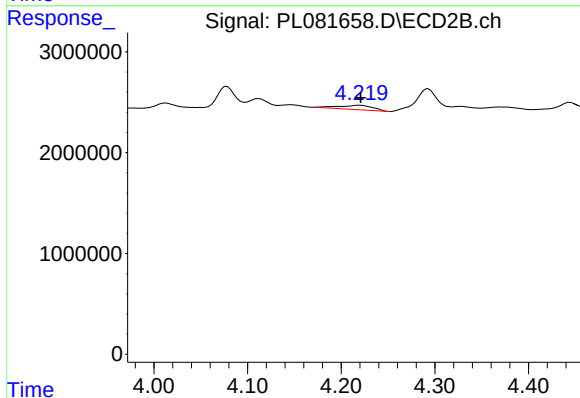
R.T.: 3.651 min  
Delta R.T.: 0.005 min  
Response: 1344359  
Conc: 17.45 ng/ml



#24 Chlordane-2

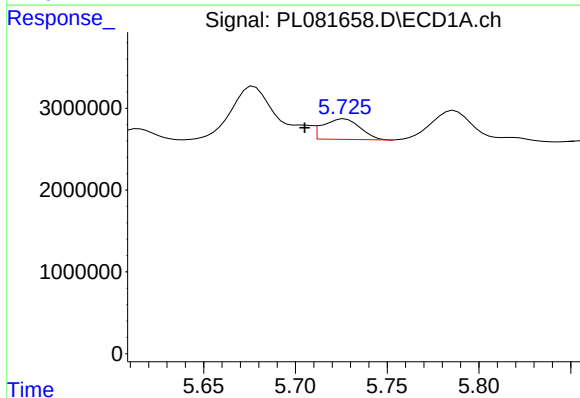
R.T.: 5.018 min  
Delta R.T.: 0.018 min  
Response: 1744678  
Conc: 16.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



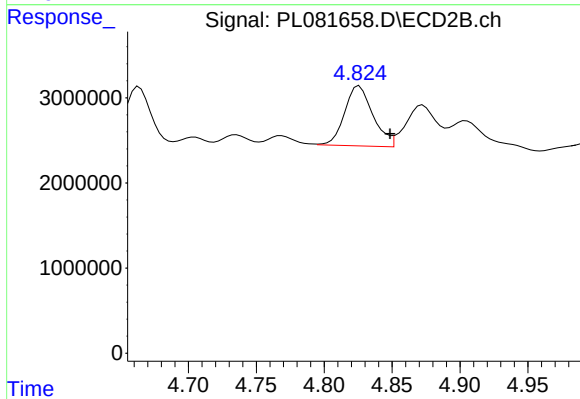
#24 Chlordane-2

R.T.: 4.220 min  
Delta R.T.: 0.000 min  
Response: 1119519  
Conc: 11.98 ng/ml



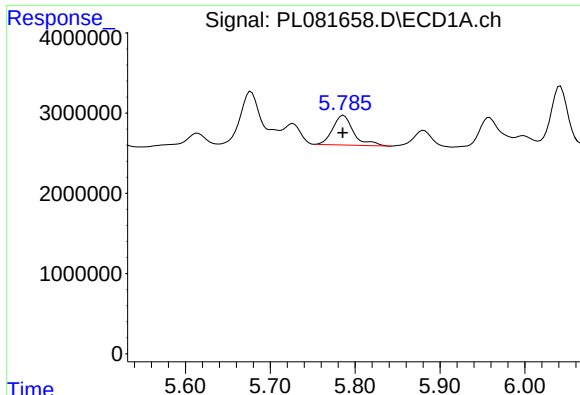
#25 Chlordane-3

R.T.: 5.727 min  
Delta R.T.: 0.022 min  
Response: 3536853  
Conc: 8.93 ng/ml



#25 Chlordane-3

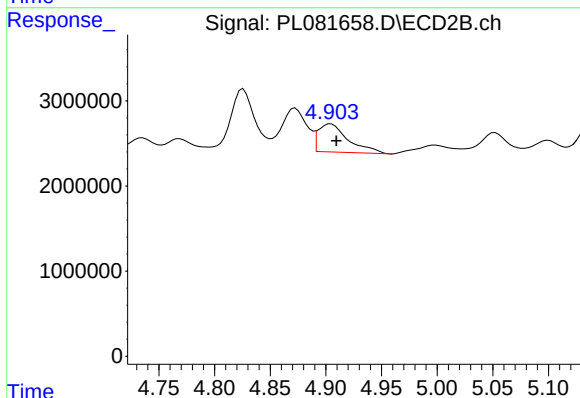
R.T.: 4.826 min  
Delta R.T.: -0.023 min  
Response: 10272770  
Conc: 40.79 ng/ml



#26 Chlordane-4

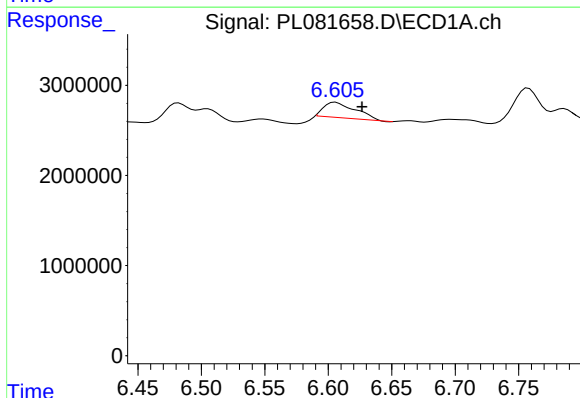
R.T.: 5.787 min  
Delta R.T.: 0.000 min  
Response: 6282977  
Conc: 13.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



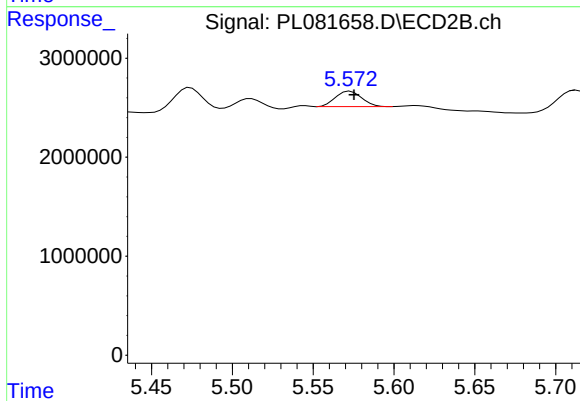
#26 Chlordane-4

R.T.: 4.905 min  
Delta R.T.: -0.005 min  
Response: 6216546  
Conc: 23.73 ng/ml



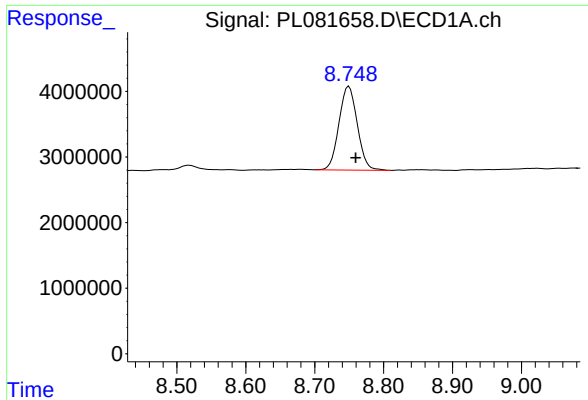
#27 Chlordane-5

R.T.: 6.606 min  
Delta R.T.: -0.021 min  
Response: 2805370  
Conc: 33.04 ng/ml



#27 Chlordane-5

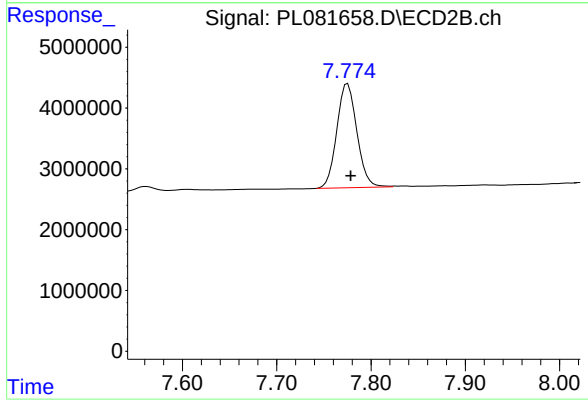
R.T.: 5.573 min  
Delta R.T.: -0.002 min  
Response: 1758030  
Conc: 26.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.750 min  
Delta R.T.: -0.010 min  
Response: 23529384  
Conc: 13.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.775 min  
Delta R.T.: -0.003 min  
Response: 25336149  
Conc: 12.78 ng/ml