

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030223\  
 Data File : PL081202.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Mar 2023 21:36  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 03 01:54:29 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... | 3.335  | 2.665  | 43037618 | 39954294 | 19.920  | 19.742  |
| 28)                         | SA Decachlor... | 8.763  | 7.792  | 31195199 | 39075928 | 20.462  | 20.399  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.784  | 3.166  | 29016182 | 25930600 | 9.121   | 8.848   |
| 3)                          | MA gamma-BHC... | 4.113  | 3.494  | 27888988 | 24677491 | 9.426   | 8.970   |
| 5)                          | MB Aldrin       | 0.000  | 4.123  | 0        | 371583   | N.D.    | 0.142 # |
| 6)                          | B beta-BHC      | 4.315  | 3.794  | 14211636 | 12087409 | 10.325  | 10.415  |
| 7)                          | B delta-BHC     | 4.553  | 4.020  | 1500540  | 102581   | 0.540   | 0.040 # |
| 8)                          | B Heptachlo...  | 5.455  | 4.621  | 648233   | 13850    | 0.275   | 0.006 # |
| 9)                          | A Endosulfan I  | 5.821f | 4.998f | 269556   | 45126    | 0.128   | 0.020 # |
| 10)                         | B gamma-Chl...  | 5.734f | 4.868  | 627108   | 245708   | 0.275   | 0.100 # |
| 11)                         | B alpha-Chl...  | 5.768f | 4.948f | 111669   | 163017   | 0.050   | 0.067 # |
| 12)                         | B 4,4'-DDE      | 5.969  | 5.118  | 374477   | 450934   | 0.191   | 0.230   |
| 14)                         | MA Endrin       | 6.340  | 5.518  | 82341440 | 92235404 | 45.305  | 45.896  |
| 15)                         | B Endosulfa...  | 6.556  | 5.836f | 468867   | -41083   | 0.269   | N.D. #  |
| 16)                         | A 4,4'-DDD      | 6.488  | 5.670  | 855027   | 235482   | 0.555   | 0.153 # |
| 17)                         | MA 4,4'-DDT     | 6.795  | 5.918  | 151.1E6  | 165.8E6  | 95.194  | 103.327 |
| 18)                         | B Endrin al...  | 6.692  | 5.997  | 1461281  | 3581660  | 1.021   | 2.364 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.209  | 0        | 54282    | N.D.    | 0.028 # |
| 20)                         | A Methoxychlor  | 7.276  | 6.498  | 209.2E6  | 228.4E6  | 242.925 | 246.142 |
| 21)                         | B Endrin ke...  | 7.405  | 6.723  | 3157941  | 4869281  | 1.741   | 2.262 # |
| 22)                         | Mirex           | 7.881  | 0.000  | 24599    | 0        | 0.017   | N.D. #  |
| 25)                         | Chlordane-3     | 5.734f | 4.868  | 627108   | 245708   | 1.714   | 0.909 # |
| 26)                         | Chlordane-4     | 5.821f | 4.901f | 269556   | 65615    | 0.613   | 0.234 # |
| -----                       |                 |        |        |          |          |         |         |

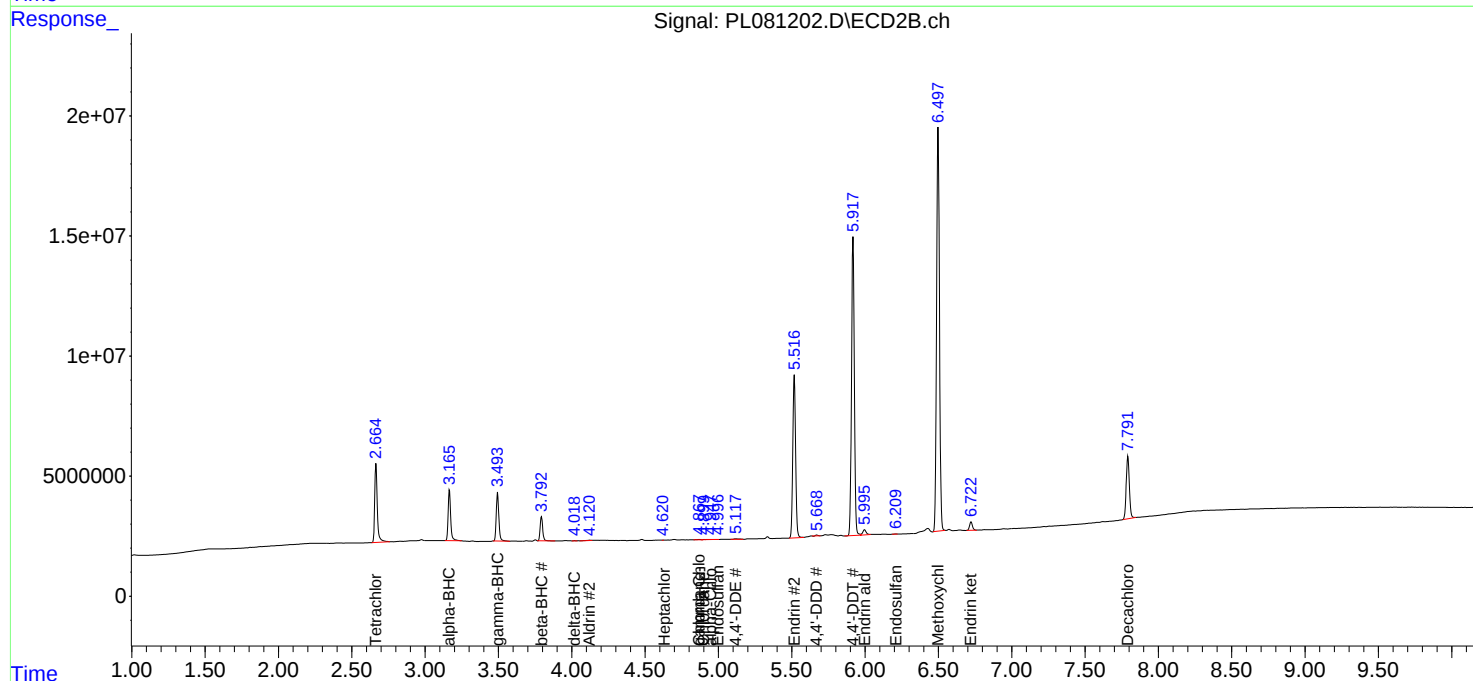
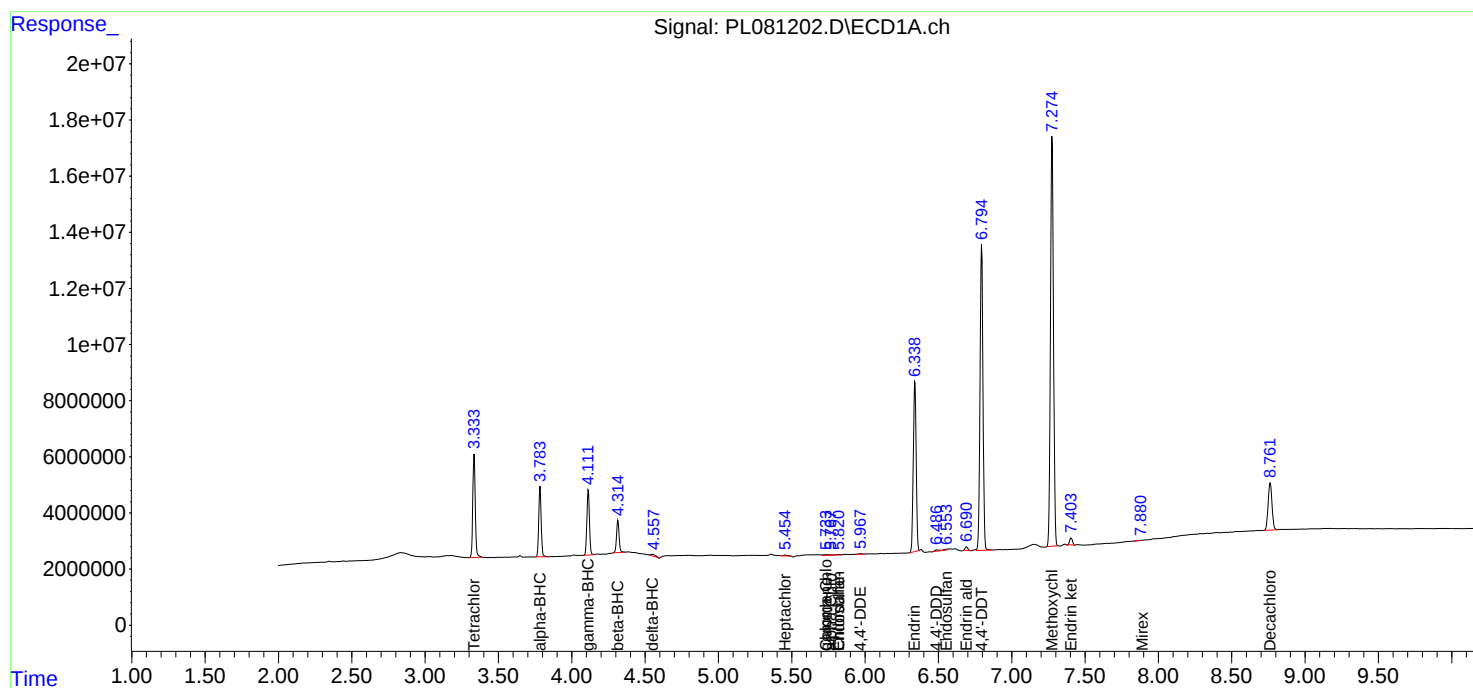
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

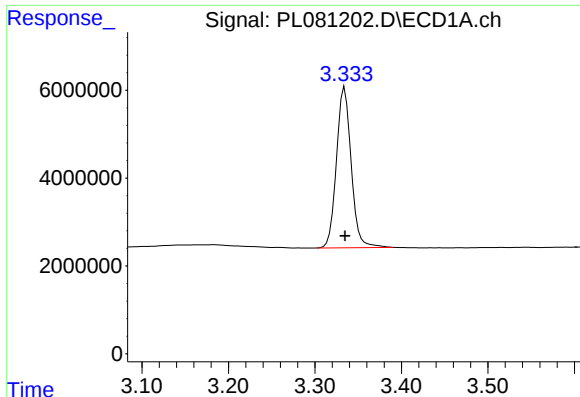
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030223\  
Data File : PL081202.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Mar 2023 21:36  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 03 01:54:29 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

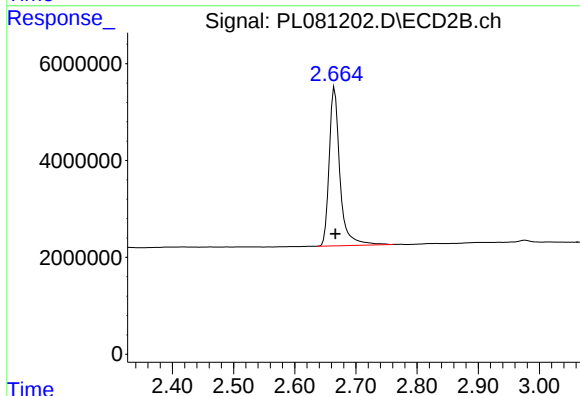




#1 Tetrachloro-m-xylene

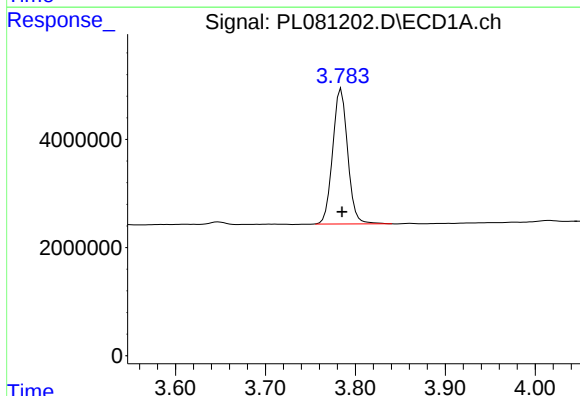
R.T.: 3.335 min  
Delta R.T.: 0.000 min  
Response: 43037618  
Conc: 19.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



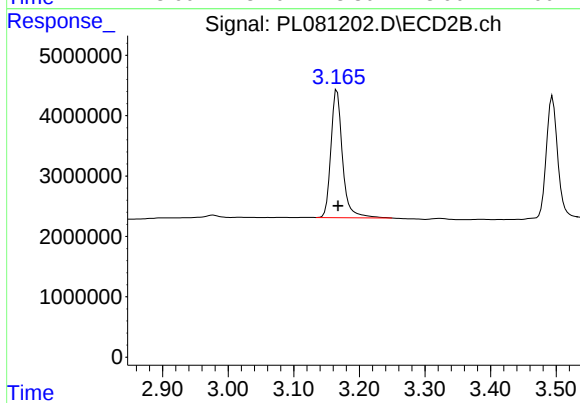
#1 Tetrachloro-m-xylene

R.T.: 2.665 min  
Delta R.T.: -0.001 min  
Response: 39954294  
Conc: 19.74 ng/ml



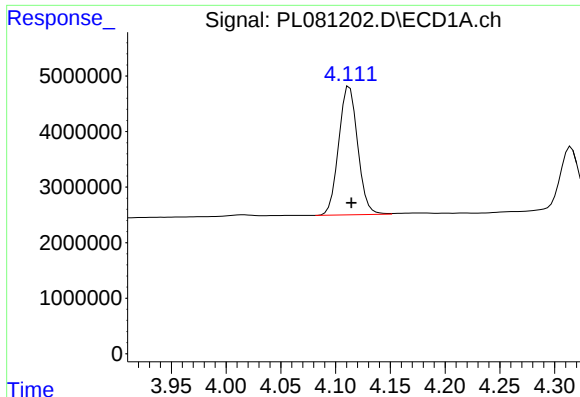
#2 alpha-BHC

R.T.: 3.784 min  
Delta R.T.: -0.001 min  
Response: 29016182  
Conc: 9.12 ng/ml



#2 alpha-BHC

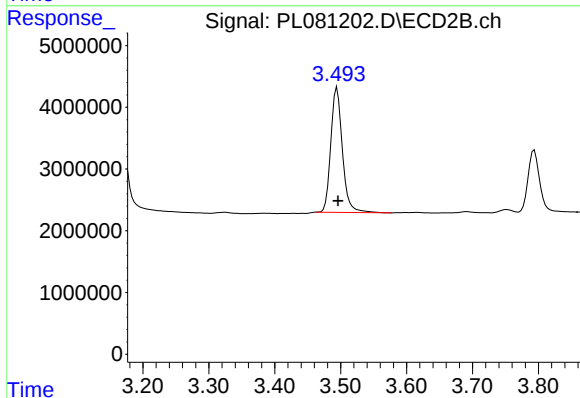
R.T.: 3.166 min  
Delta R.T.: -0.002 min  
Response: 25930600  
Conc: 8.85 ng/ml



#3 gamma-BHC (Lindane)

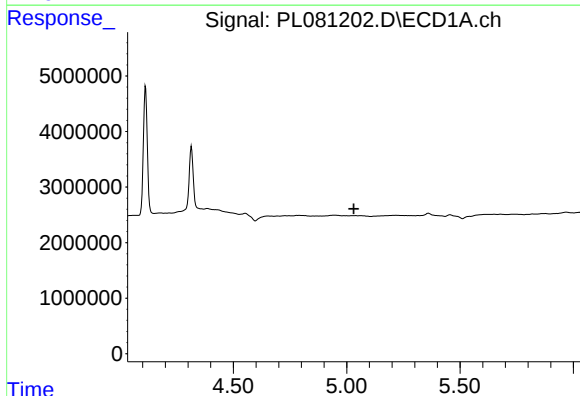
R.T.: 4.113 min  
Delta R.T.: -0.002 min  
Response: 27888988  
Conc: 9.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



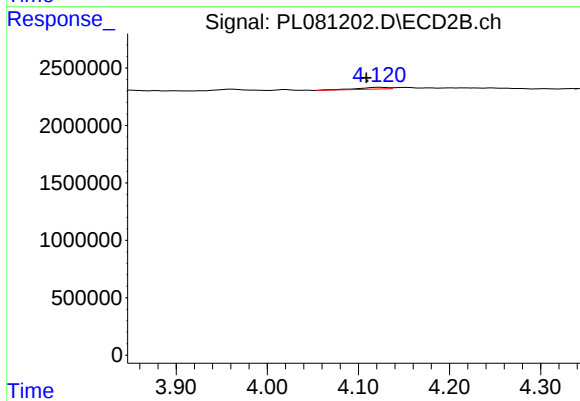
#3 gamma-BHC (Lindane)

R.T.: 3.494 min  
Delta R.T.: -0.002 min  
Response: 24677491  
Conc: 8.97 ng/ml



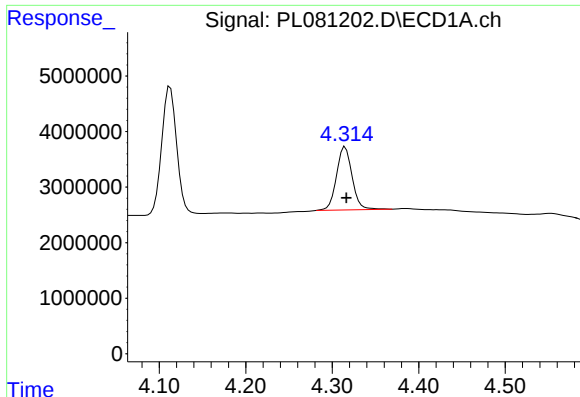
#5 Aldrin

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



#5 Aldrin

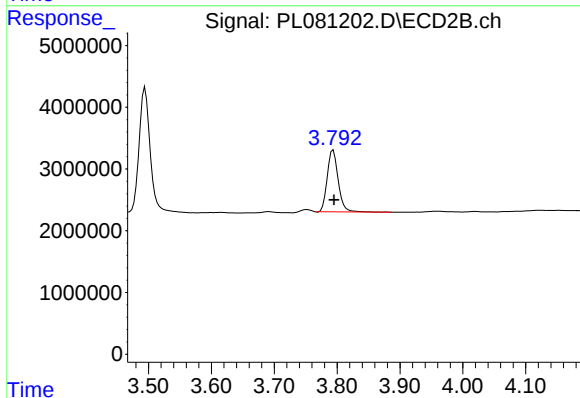
R.T.: 4.123 min  
Delta R.T.: 0.014 min  
Response: 371583  
Conc: 0.14 ng/ml



#6 beta-BHC

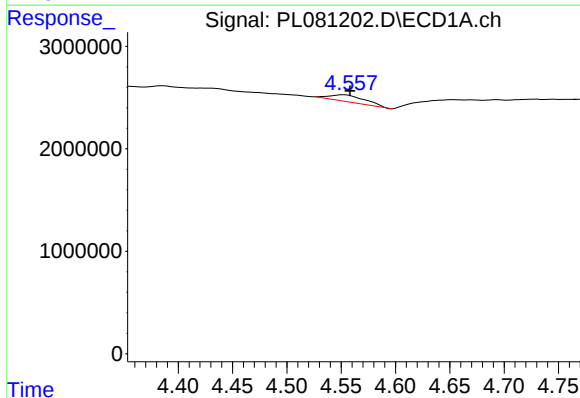
R.T.: 4.315 min  
Delta R.T.: -0.001 min  
Response: 14211636  
Conc: 10.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



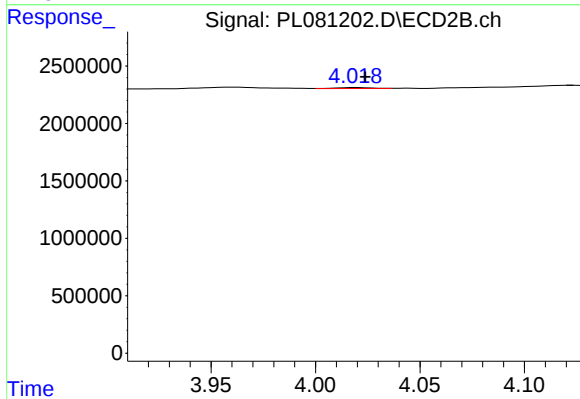
#6 beta-BHC

R.T.: 3.794 min  
Delta R.T.: -0.002 min  
Response: 12087409  
Conc: 10.41 ng/ml



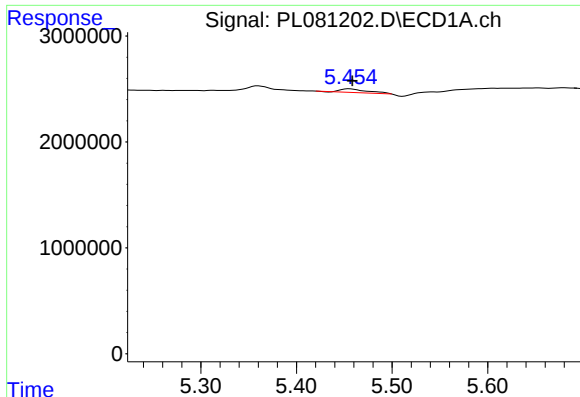
#7 delta-BHC

R.T.: 4.553 min  
Delta R.T.: -0.006 min  
Response: 1500540  
Conc: 0.54 ng/ml



#7 delta-BHC

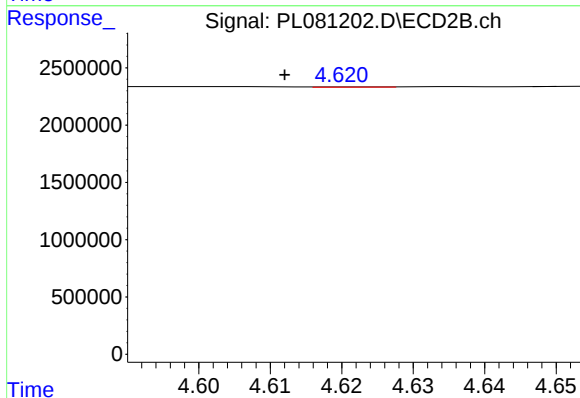
R.T.: 4.020 min  
Delta R.T.: -0.004 min  
Response: 102581  
Conc: 0.04 ng/ml



#8 Heptachlor epoxide

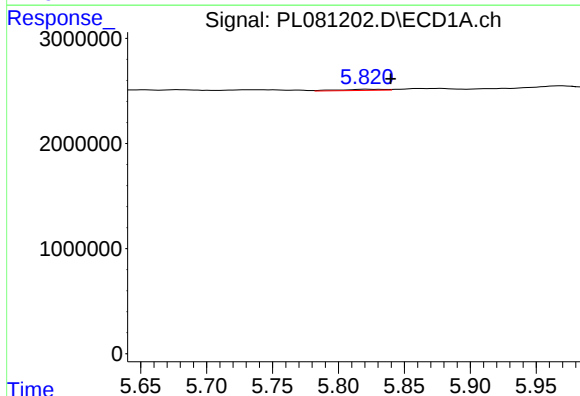
R.T.: 5.455 min  
Delta R.T.: -0.003 min  
Response: 648233  
Conc: 0.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



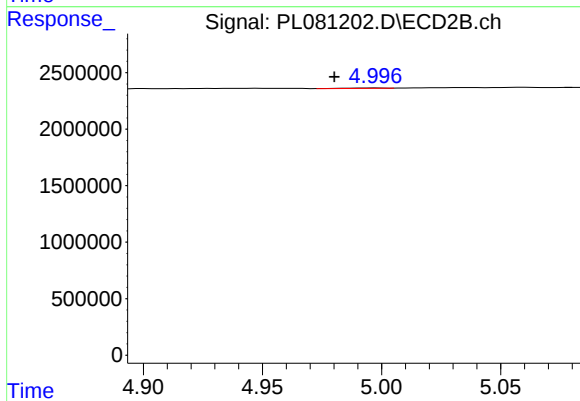
#8 Heptachlor epoxide

R.T.: 4.621 min  
Delta R.T.: 0.009 min  
Response: 13850  
Conc: 0.01 ng/ml



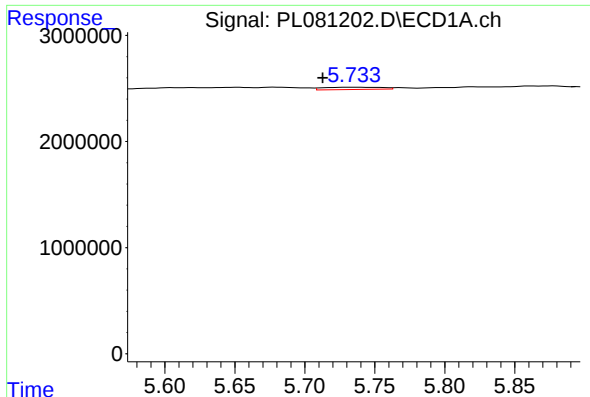
#9 Endosulfan I

R.T.: 5.821 min  
Delta R.T.: -0.019 min  
Response: 269556  
Conc: 0.13 ng/ml



#9 Endosulfan I

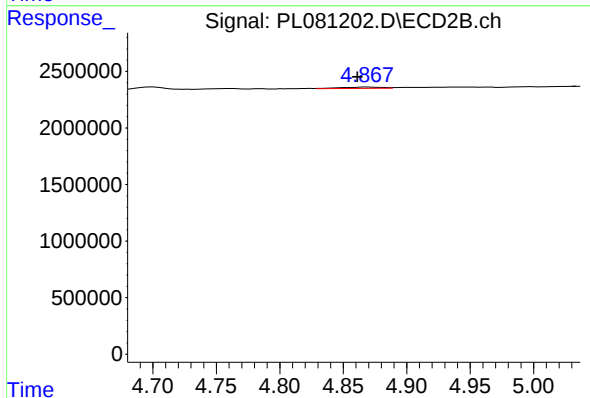
R.T.: 4.998 min  
Delta R.T.: 0.017 min  
Response: 45126  
Conc: 0.02 ng/ml



#10 gamma-Chlordane

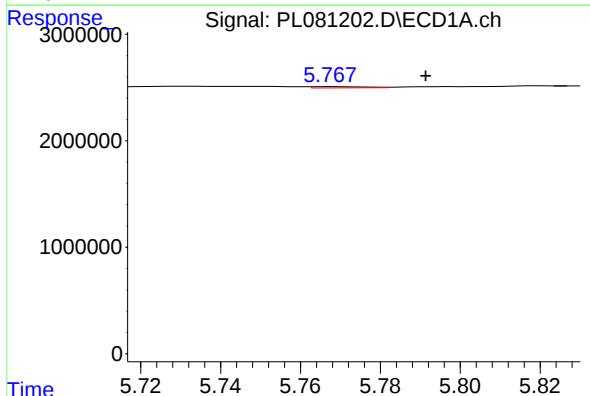
R.T.: 5.734 min  
Delta R.T.: 0.022 min  
Response: 627108  
Conc: 0.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



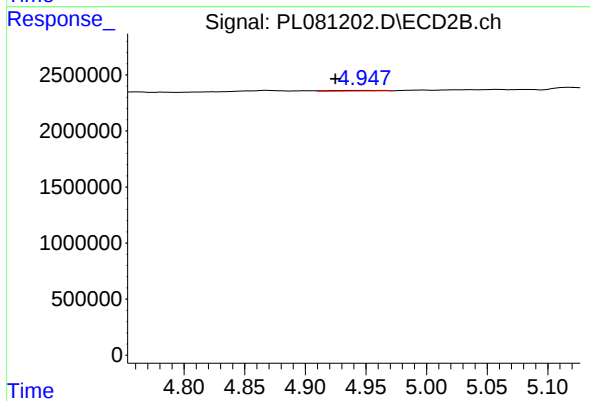
#10 gamma-Chlordane

R.T.: 4.868 min  
Delta R.T.: 0.007 min  
Response: 245708  
Conc: 0.10 ng/ml



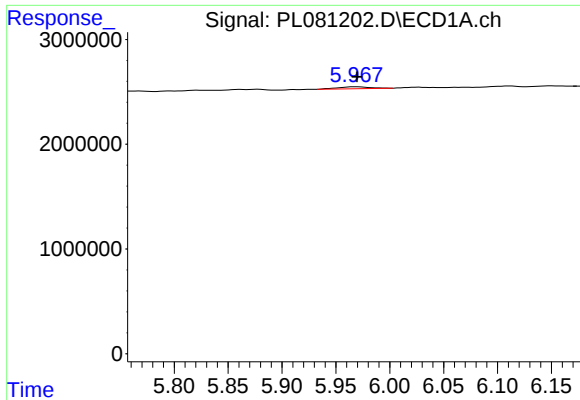
#11 alpha-Chlordane

R.T.: 5.768 min  
Delta R.T.: -0.023 min  
Response: 111669  
Conc: 0.05 ng/ml



#11 alpha-Chlordane

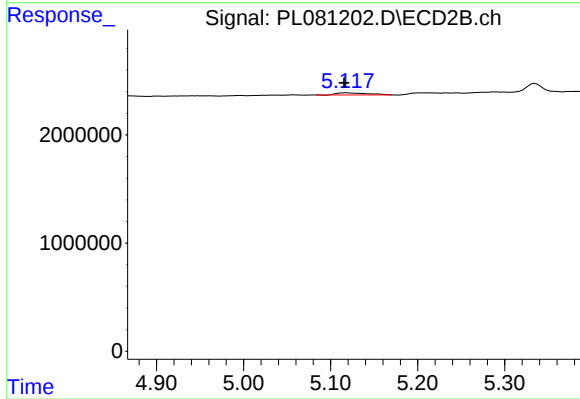
R.T.: 4.948 min  
Delta R.T.: 0.024 min  
Response: 163017  
Conc: 0.07 ng/ml



#12 4,4'-DDE

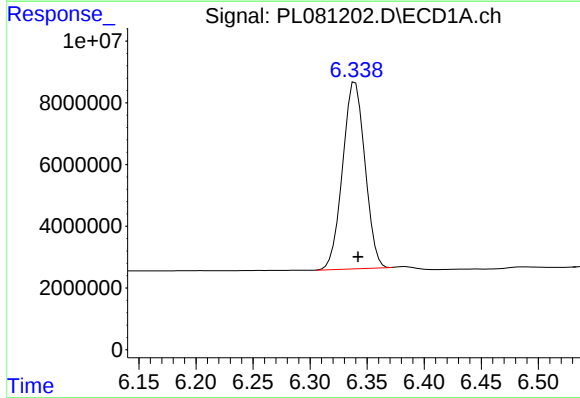
R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 374477  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



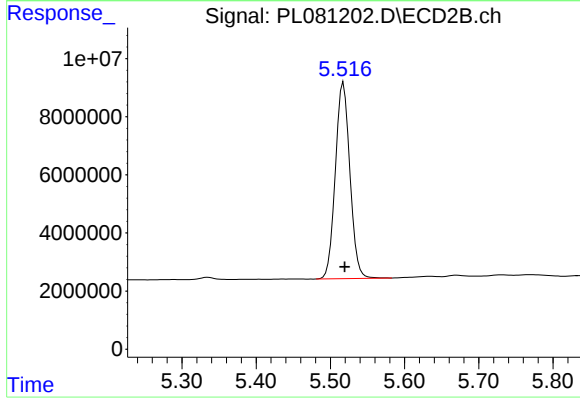
#12 4,4'-DDE

R.T.: 5.118 min  
Delta R.T.: 0.003 min  
Response: 450934  
Conc: 0.23 ng/ml



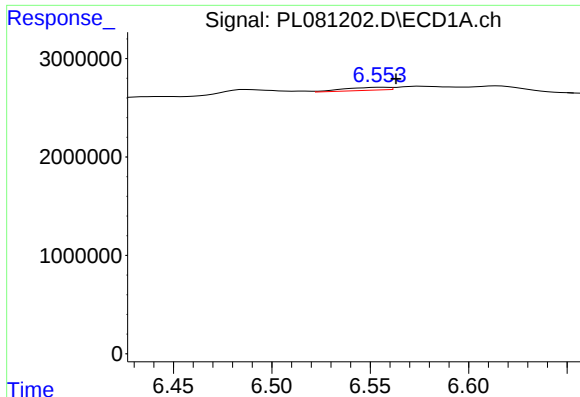
#14 Endrin

R.T.: 6.340 min  
Delta R.T.: -0.002 min  
Response: 82341440  
Conc: 45.31 ng/ml



#14 Endrin

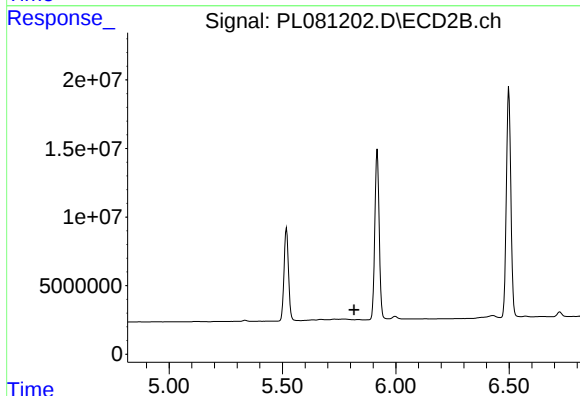
R.T.: 5.518 min  
Delta R.T.: -0.002 min  
Response: 92235404  
Conc: 45.90 ng/ml



#15 Endosulfan II

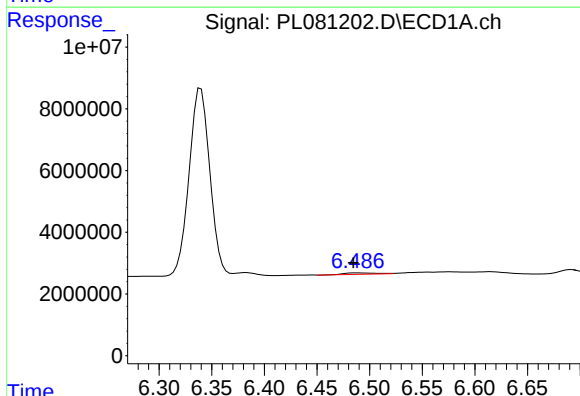
R.T.: 6.556 min  
Delta R.T.: -0.007 min  
Response: 468867  
Conc: 0.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



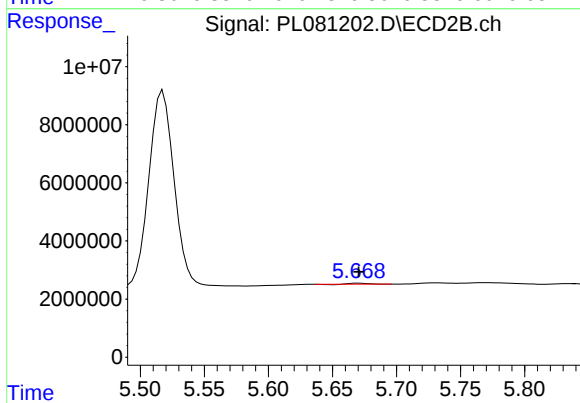
#15 Endosulfan II

R.T.: 5.836 min  
Delta R.T.: 0.019 min  
Response: -41083  
Conc: N.D.



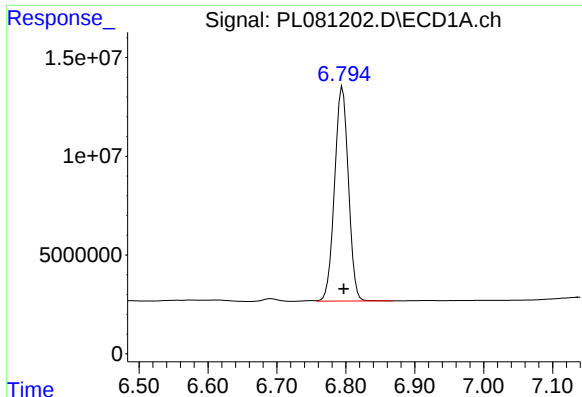
#16 4,4'-DDD

R.T.: 6.488 min  
Delta R.T.: 0.003 min  
Response: 855027  
Conc: 0.56 ng/ml



#16 4,4'-DDD

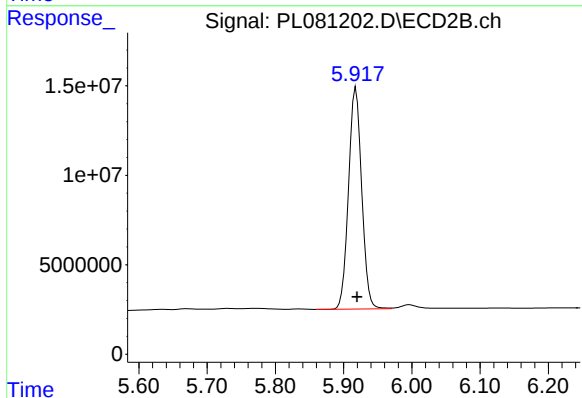
R.T.: 5.670 min  
Delta R.T.: 0.000 min  
Response: 235482  
Conc: 0.15 ng/ml



#17 4,4'-DDT

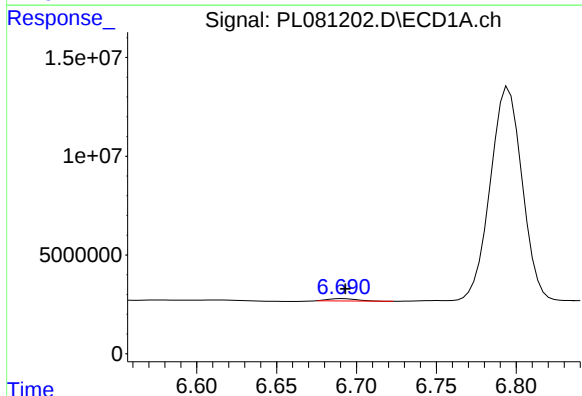
R.T.: 6.795 min  
Delta R.T.: -0.002 min  
Response: 151102497  
Conc: 95.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



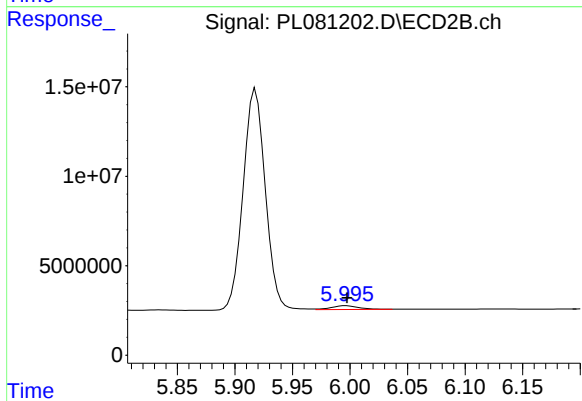
#17 4,4'-DDT

R.T.: 5.918 min  
Delta R.T.: -0.002 min  
Response: 165768204  
Conc: 103.33 ng/ml



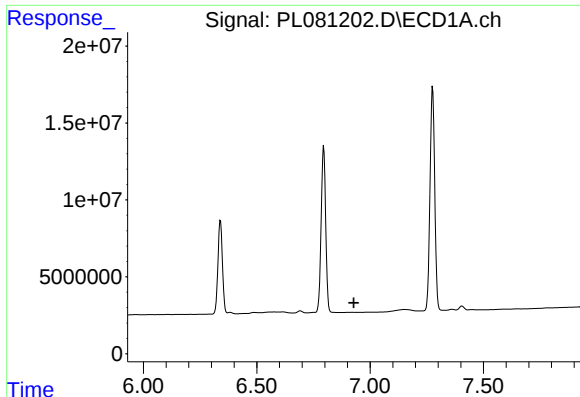
#18 Endrin aldehyde

R.T.: 6.692 min  
Delta R.T.: -0.002 min  
Response: 1461281  
Conc: 1.02 ng/ml



#18 Endrin aldehyde

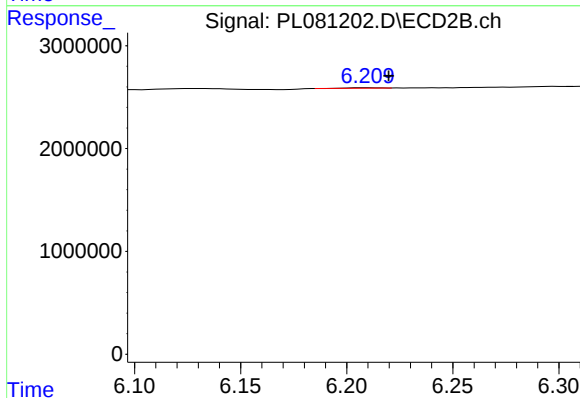
R.T.: 5.997 min  
Delta R.T.: 0.000 min  
Response: 3581660  
Conc: 2.36 ng/ml



#19 Endosulfan Sulfate

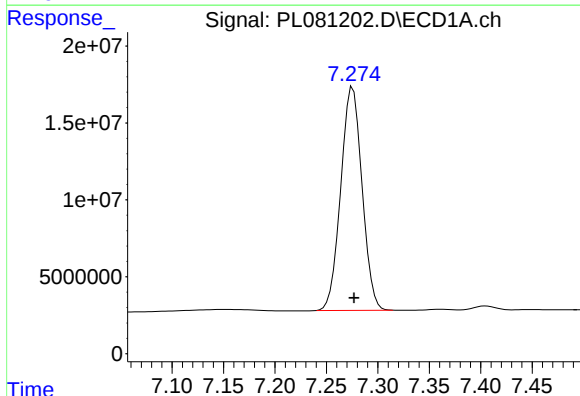
R.T.: 0.000 min  
Exp R.T.: 6.928 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



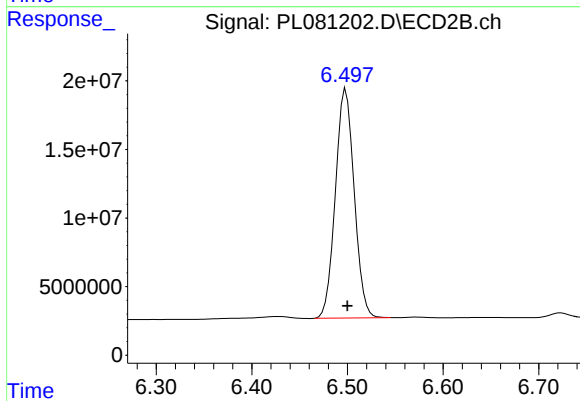
#19 Endosulfan Sulfate

R.T.: 6.209 min  
Delta R.T.: -0.011 min  
Response: 54282  
Conc: 0.03 ng/ml



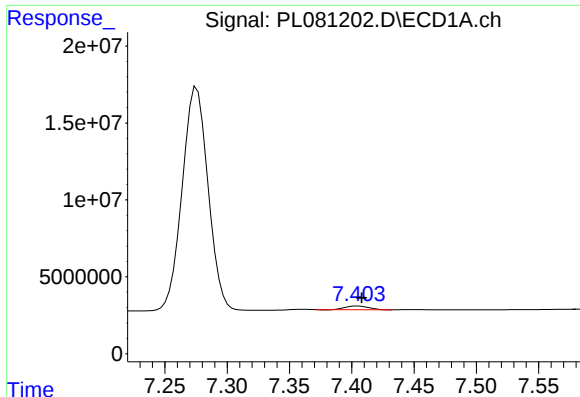
#20 Methoxychlor

R.T.: 7.276 min  
Delta R.T.: -0.001 min  
Response: 209246597  
Conc: 242.92 ng/ml



#20 Methoxychlor

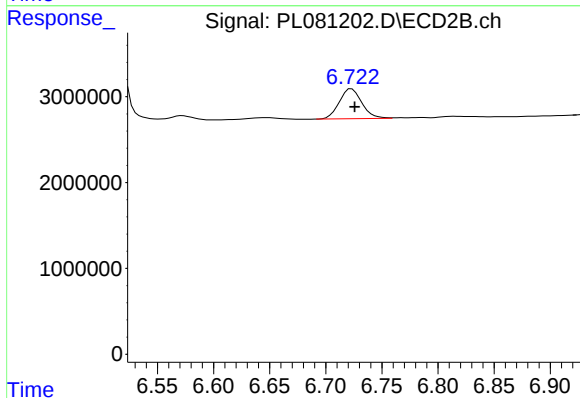
R.T.: 6.498 min  
Delta R.T.: -0.002 min  
Response: 228443003  
Conc: 246.14 ng/ml



#21 Endrin ketone

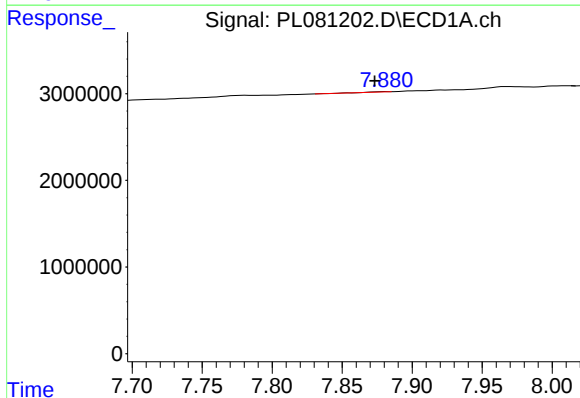
R.T.: 7.405 min  
Delta R.T.: -0.003 min  
Response: 3157941  
Conc: 1.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



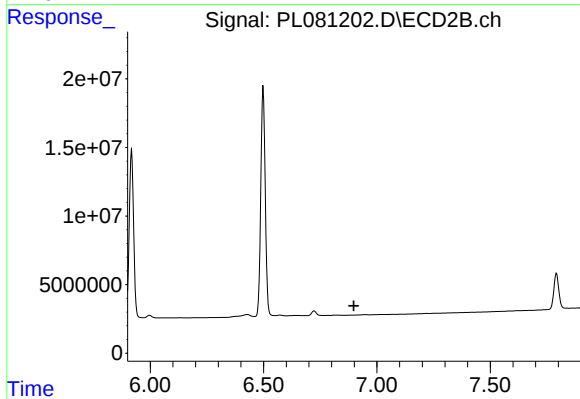
#21 Endrin ketone

R.T.: 6.723 min  
Delta R.T.: -0.003 min  
Response: 4869281  
Conc: 2.26 ng/ml



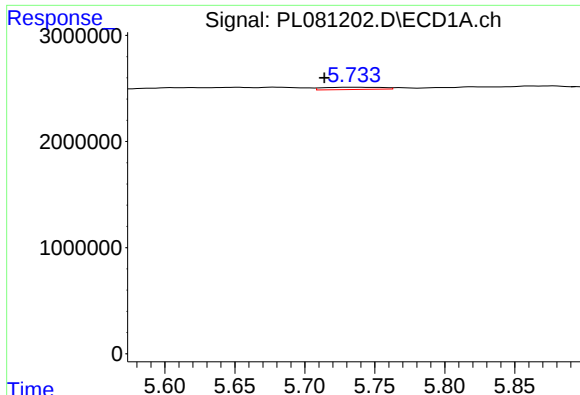
#22 Mirex

R.T.: 7.881 min  
Delta R.T.: 0.007 min  
Response: 24599  
Conc: 0.02 ng/ml



#22 Mirex

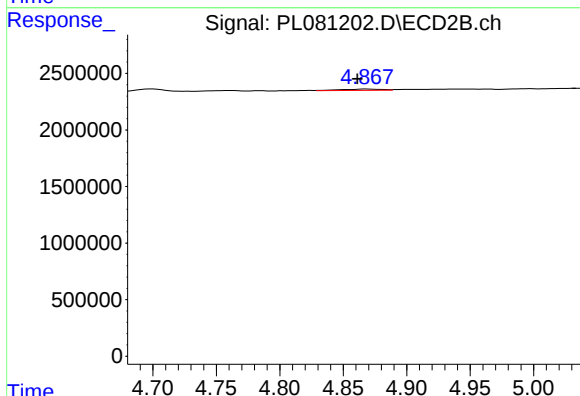
R.T.: 0.000 min  
Exp R.T. : 6.898 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

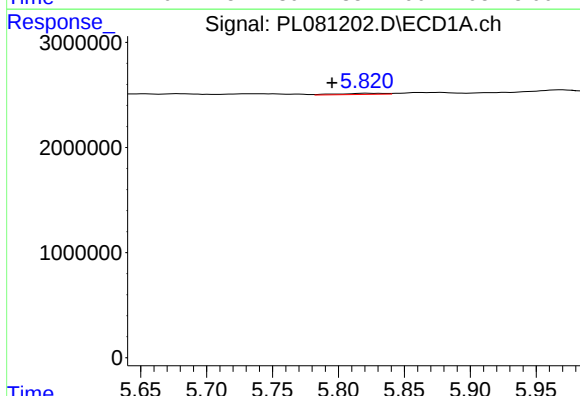
R.T.: 5.734 min  
Delta R.T.: 0.021 min  
Response: 627108  
Conc: 1.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



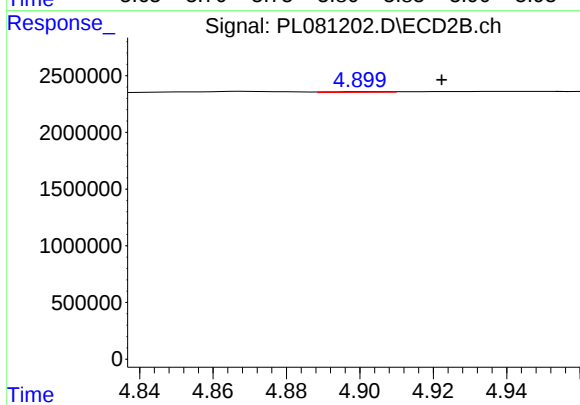
#25 Chlordane-3

R.T.: 4.868 min  
Delta R.T.: 0.007 min  
Response: 245708  
Conc: 0.91 ng/ml



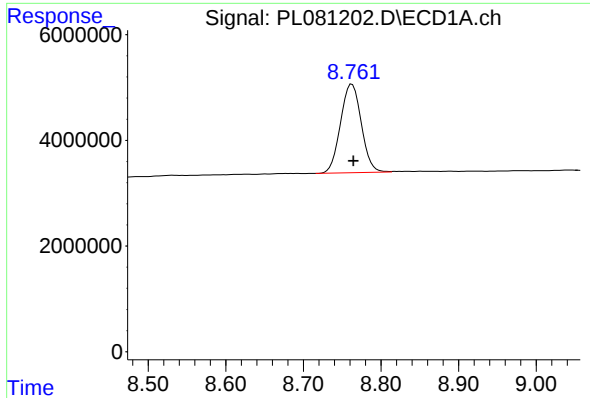
#26 Chlordane-4

R.T.: 5.821 min  
Delta R.T.: 0.026 min  
Response: 269556  
Conc: 0.61 ng/ml



#26 Chlordane-4

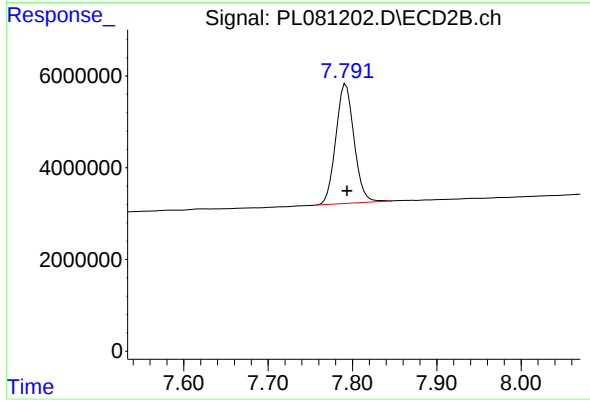
R.T.: 4.901 min  
Delta R.T.: -0.021 min  
Response: 65615  
Conc: 0.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.763 min  
Delta R.T.: -0.002 min  
Response: 31195199  
Conc: 20.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.792 min  
Delta R.T.: -0.002 min  
Response: 39075928  
Conc: 20.40 ng/ml