

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032223\  
 Data File : PL081660.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Mar 2023 09:26  
 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 23 10:41:56 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  | 43610786 | 37410767 | 18.750  | 18.741   |
| 28)                         | SA Decachlor... | 8.751  | 7.776  | 33869754 | 37407385 | 18.925  | 18.862   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.778  | 3.157  | 29840105 | 24796803 | 8.704   | 8.507    |
| 3)                          | MA gamma-BHC... | 4.106  | 3.485  | 28547386 | 23690138 | 8.986   | 8.509    |
| 4)                          | MA Heptachlor   | 0.000  | 3.834f | 0        | 55706    | N.D.    | 0.019 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.116f | 0        | 1294423  | N.D.    | 0.486 #  |
| 6)                          | B beta-BHC      | 4.308  | 3.784  | 16331824 | 11838337 | 10.851  | 9.940    |
| 7)                          | B delta-BHC     | 0.000  | 4.008  | 0        | 199659   | N.D.    | 0.077 #  |
| 8)                          | B Heptachlo...  | 5.448  | 4.590  | 3081892  | 1795233  | 1.133   | 0.739 #  |
| 9)                          | A Endosulfan I  | 5.821f | 0.000  | 356465   | 0        | 0.144   | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.680f | 4.854  | 251432   | 914307   | 0.096   | 0.376 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 4.901  | 0        | 536663   | N.D.    | 0.221 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.105  | 0        | 3560103  | N.D.    | 1.807 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.228  | 0        | 172687   | N.D.    | 0.077 #  |
| 14)                         | MA Endrin       | 6.330  | 5.504  | 86804468 | 85466729 | 41.038  | 42.233   |
| 15)                         | B Endosulfa...  | 6.542f | 5.820f | 1243091  | -626413  | 0.586   | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.475  | 5.654  | 4468800  | 3403867  | 2.478   | 2.243    |
| 17)                         | MA 4,4'-DDT     | 6.785  | 5.904  | 169.0E6  | 161.3E6  | 83.264  | 93.586   |
| 18)                         | B Endrin al...  | 6.683  | 5.982  | 2744018  | 4046340  | 1.677   | 2.606 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.192  | 0        | 131697   | N.D.    | 0.068 #  |
| 20)                         | A Methoxychlor  | 7.265  | 6.484  | 227.5E6  | 219.1E6  | 211.263 | 219.944  |
| 21)                         | B Endrin ke...  | 7.395  | 6.708  | 4897746  | 6364405  | 2.338   | 2.978 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.198f | 0        | 2355299  | N.D.    | 25.213 # |
| 25)                         | Chlordane-3     | 5.680f | 4.854  | 251432   | 914307   | 0.635   | 3.630 #  |
| 26)                         | Chlordane-4     | 0.000  | 4.901  | 0        | 536663   | N.D.    | 2.049 #  |
| 27)                         | Chlordane-5     | 6.606f | 0.000  | 429937   | 0        | 5.063   | N.D. #   |
| -----                       |                 |        |        |          |          |         |          |

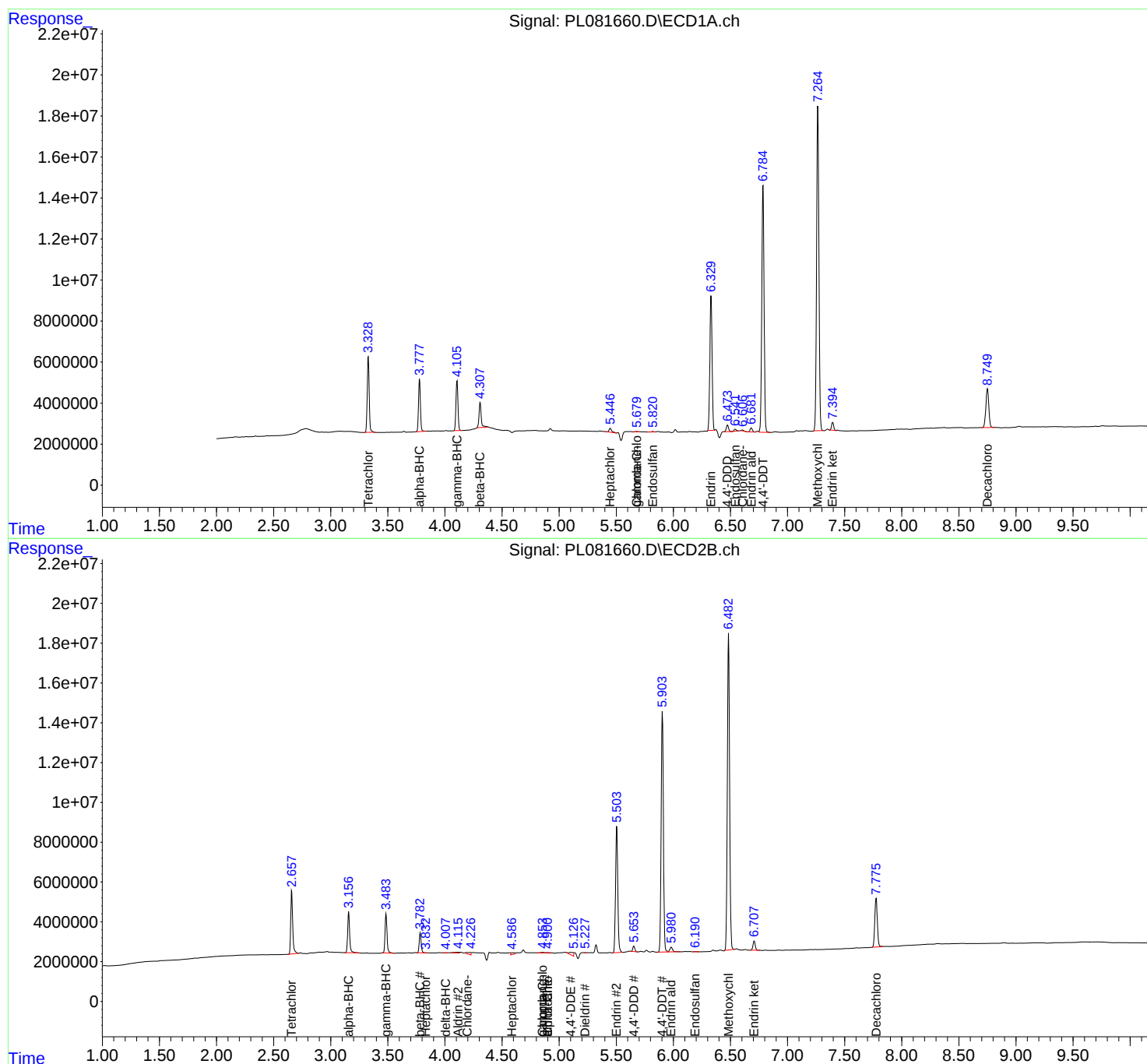
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

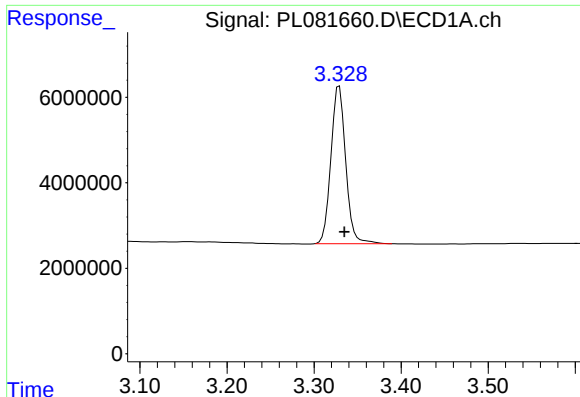
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032223\  
Data File : PL081660.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Mar 2023 09:26  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 23 10:41:56 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

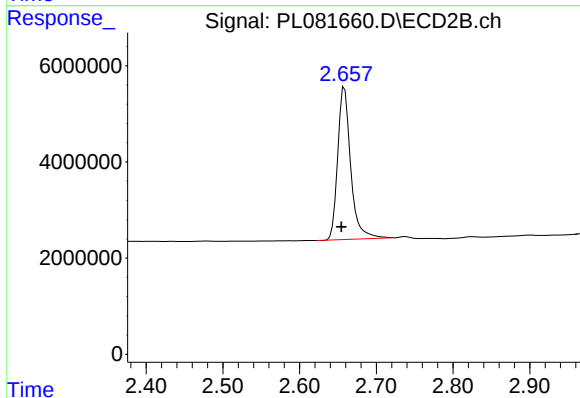




#1 Tetrachloro-m-xylene

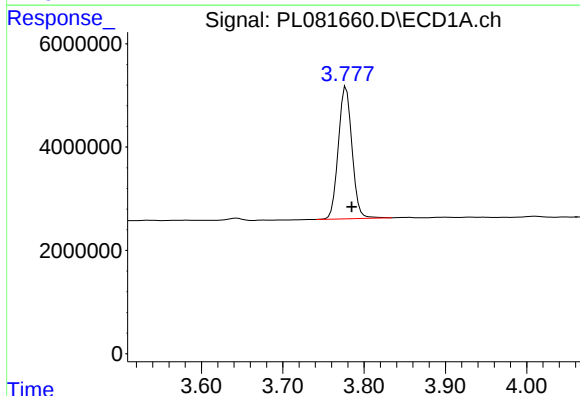
R.T.: 3.329 min  
Delta R.T.: -0.006 min  
Response: 43610786  
Conc: 18.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



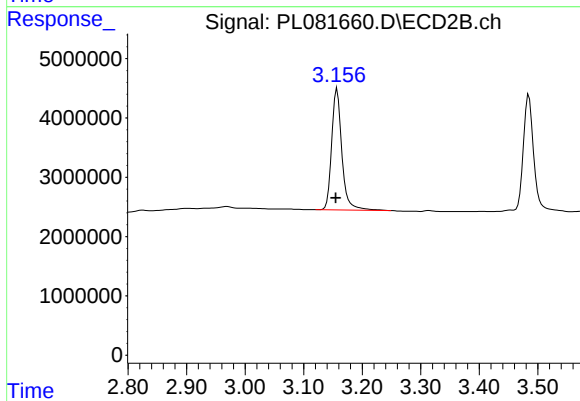
#1 Tetrachloro-m-xylene

R.T.: 2.659 min  
Delta R.T.: 0.004 min  
Response: 37410767  
Conc: 18.74 ng/ml



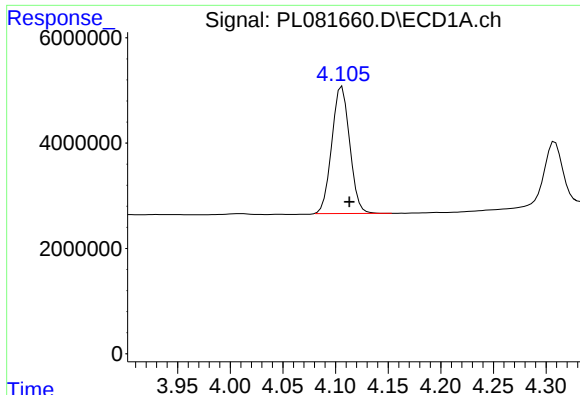
#2 alpha-BHC

R.T.: 3.778 min  
Delta R.T.: -0.007 min  
Response: 29840105  
Conc: 8.70 ng/ml



#2 alpha-BHC

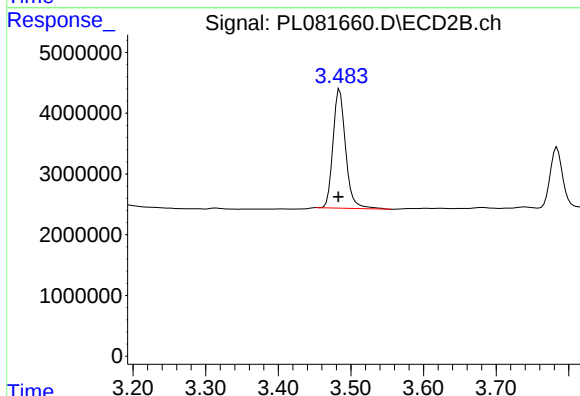
R.T.: 3.157 min  
Delta R.T.: 0.002 min  
Response: 24796803  
Conc: 8.51 ng/ml



#3 gamma-BHC (Lindane)

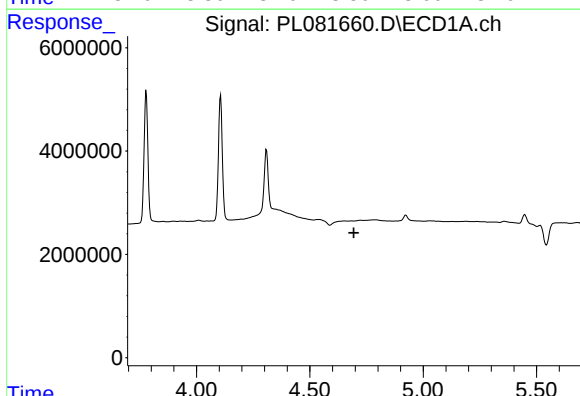
R.T.: 4.106 min  
Delta R.T.: -0.007 min  
Response: 28547386  
Conc: 8.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



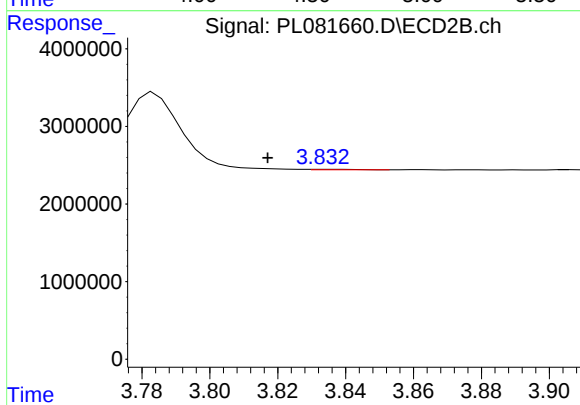
#3 gamma-BHC (Lindane)

R.T.: 3.485 min  
Delta R.T.: 0.002 min  
Response: 23690138  
Conc: 8.51 ng/ml



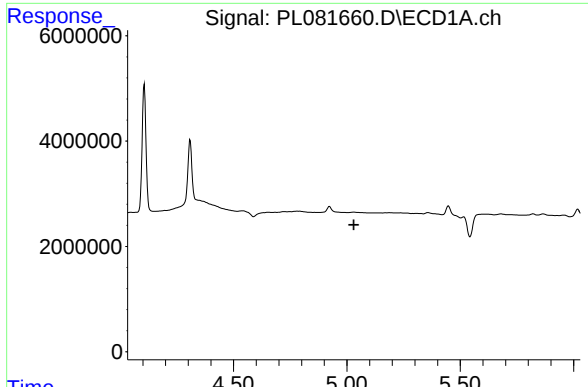
#4 Heptachlor

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



#4 Heptachlor

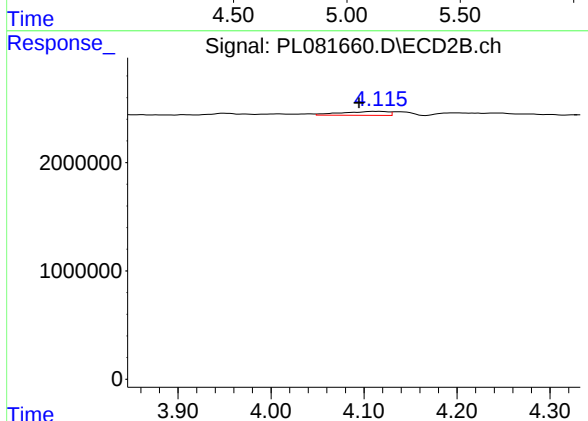
R.T.: 3.834 min  
Delta R.T.: 0.017 min  
Response: 55706  
Conc: 0.02 ng/ml



#5 Aldrin

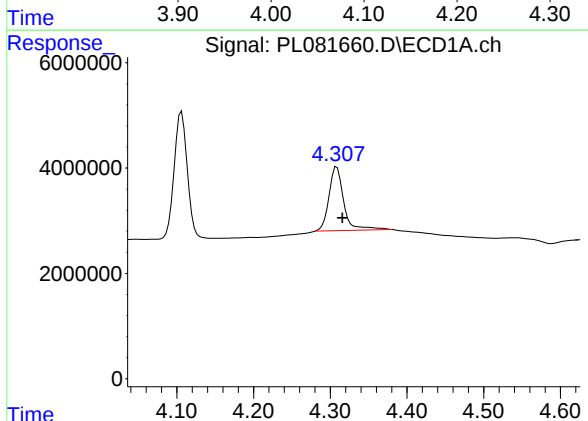
R.T.: 0.000 min  
Exp R.T.: 5.030 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



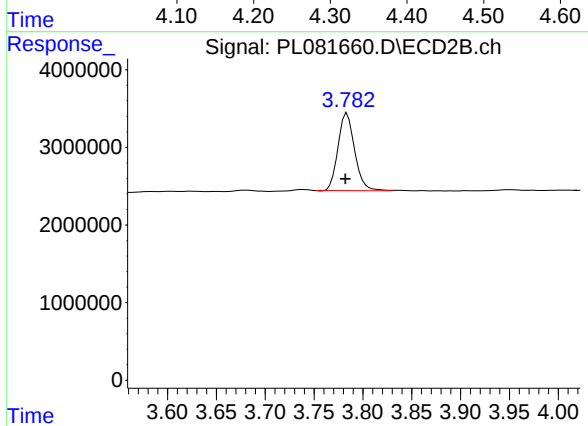
#5 Aldrin

R.T.: 4.116 min  
Delta R.T.: 0.021 min  
Response: 1294423  
Conc: 0.49 ng/ml



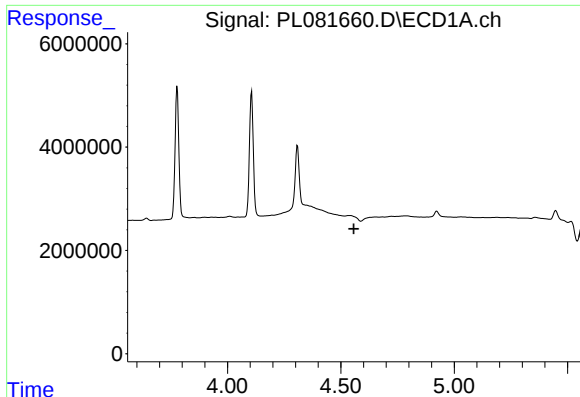
#6 beta-BHC

R.T.: 4.308 min  
Delta R.T.: -0.007 min  
Response: 16331824  
Conc: 10.85 ng/ml



#6 beta-BHC

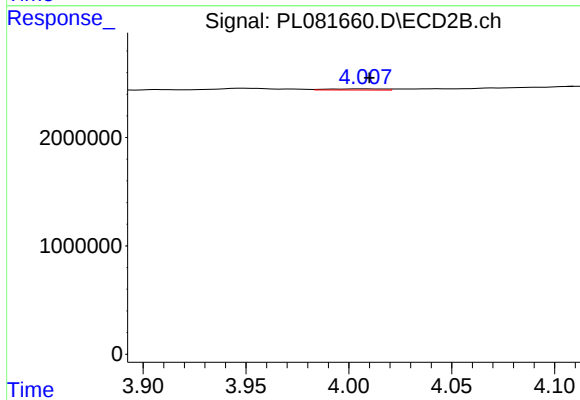
R.T.: 3.784 min  
Delta R.T.: 0.002 min  
Response: 11838337  
Conc: 9.94 ng/ml



#7 delta-BHC

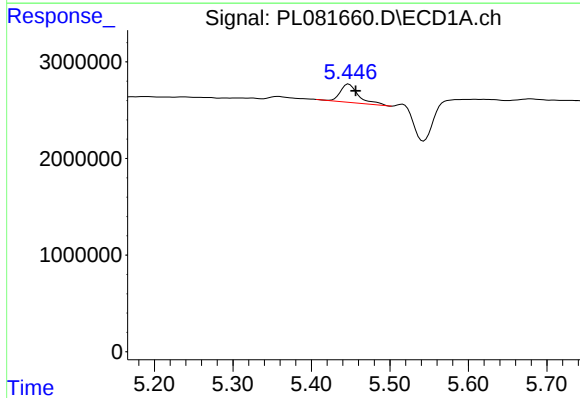
R.T.: 0.000 min  
Exp R.T.: 4.558 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



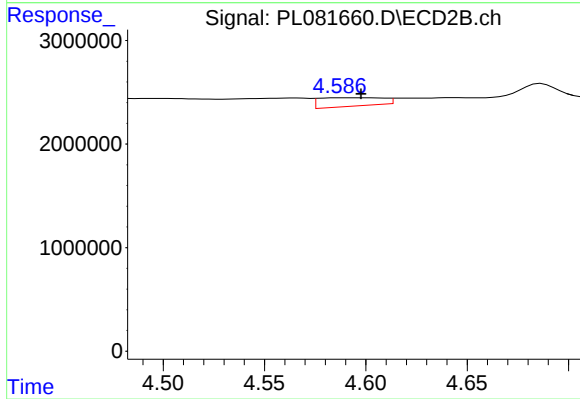
#7 delta-BHC

R.T.: 4.008 min  
Delta R.T.: -0.002 min  
Response: 199659  
Conc: 0.08 ng/ml



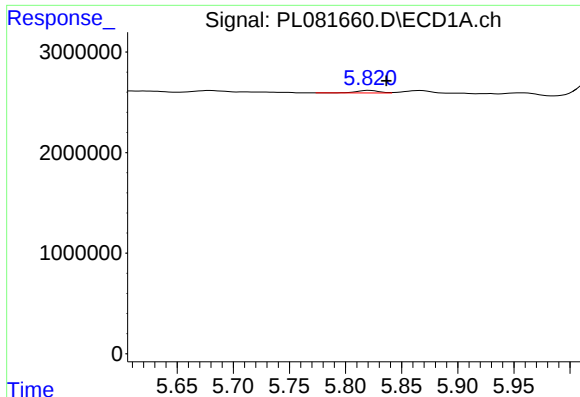
#8 Heptachlor epoxide

R.T.: 5.448 min  
Delta R.T.: -0.009 min  
Response: 3081892  
Conc: 1.13 ng/ml



#8 Heptachlor epoxide

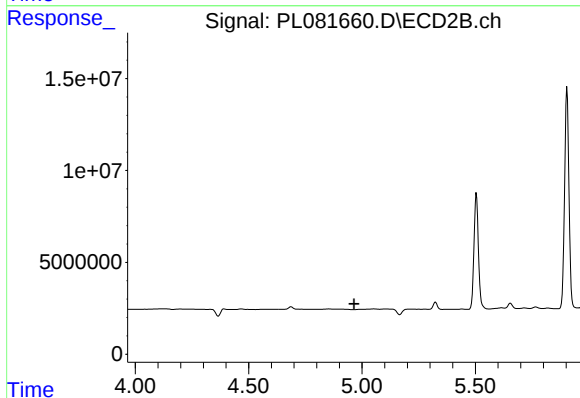
R.T.: 4.590 min  
Delta R.T.: -0.008 min  
Response: 1795233  
Conc: 0.74 ng/ml



#9 Endosulfan I

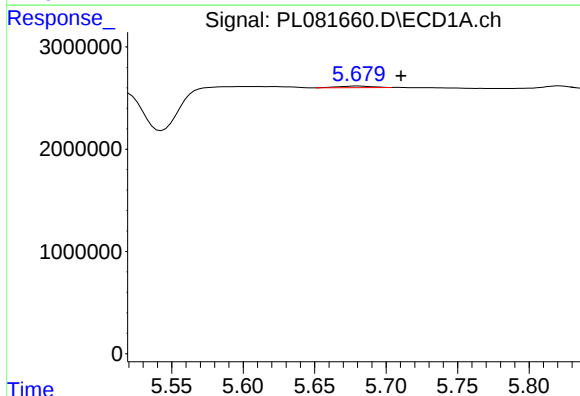
R.T.: 5.821 min  
Delta R.T.: -0.015 min  
Response: 356465  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



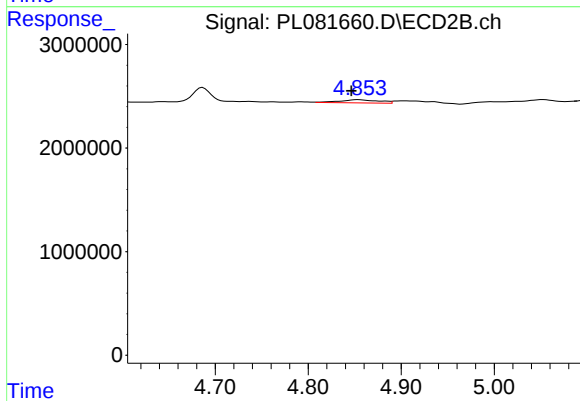
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 4.966 min  
Response: 0  
Conc: N.D.



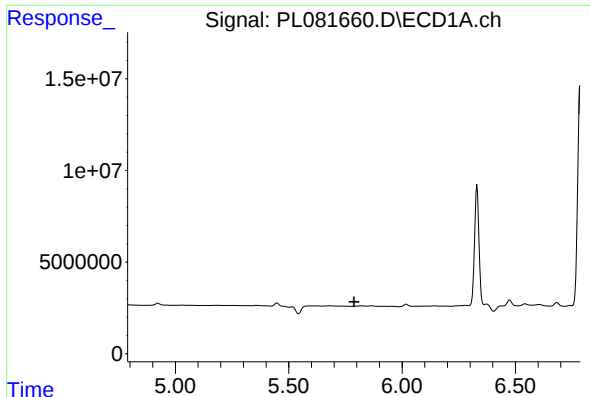
#10 gamma-Chlordane

R.T.: 5.680 min  
Delta R.T.: -0.030 min  
Response: 251432  
Conc: 0.10 ng/ml



#10 gamma-Chlordane

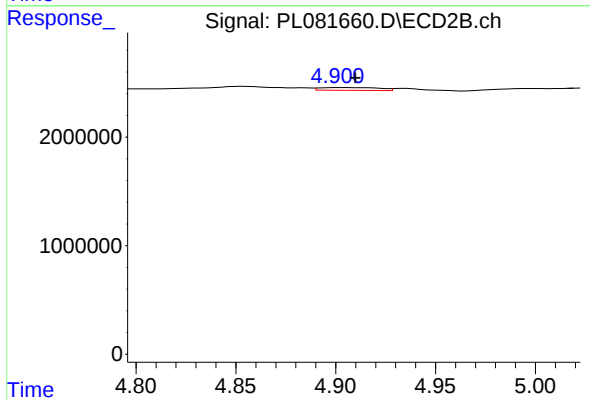
R.T.: 4.854 min  
Delta R.T.: 0.008 min  
Response: 914307  
Conc: 0.38 ng/ml



#11 alpha-Chlordane

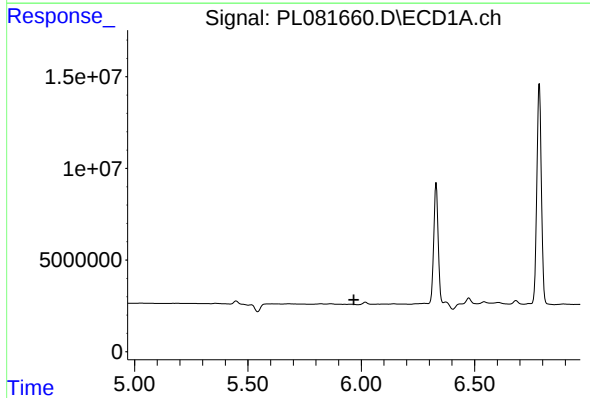
R.T.: 0.000 min  
Exp R.T.: 5.788 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



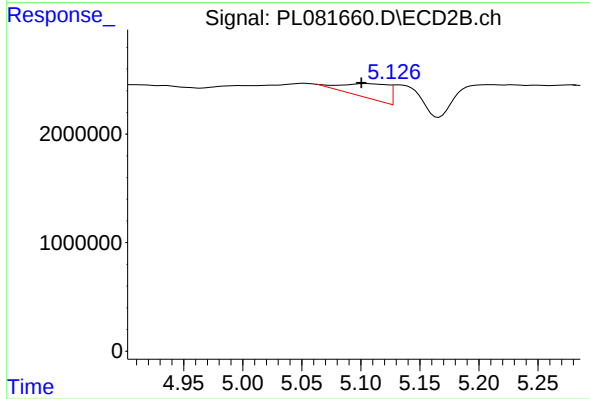
#11 alpha-Chlordane

R.T.: 4.901 min  
Delta R.T.: -0.008 min  
Response: 536663  
Conc: 0.22 ng/ml



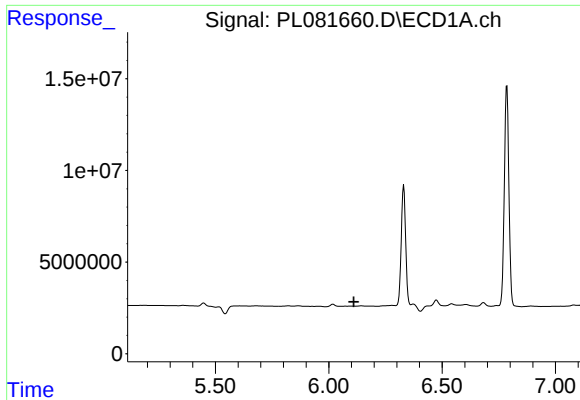
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 5.967 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

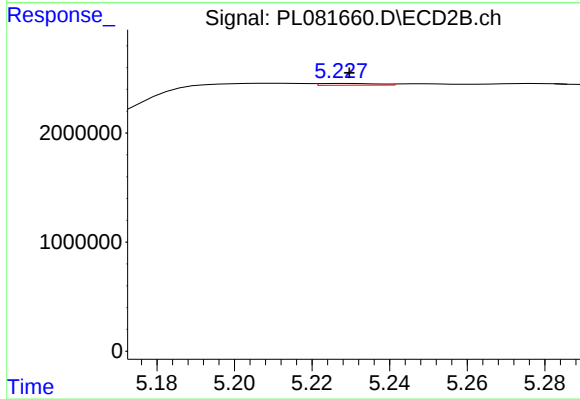
R.T.: 5.105 min  
Delta R.T.: 0.004 min  
Response: 3560103  
Conc: 1.81 ng/ml



#13 Dieldrin

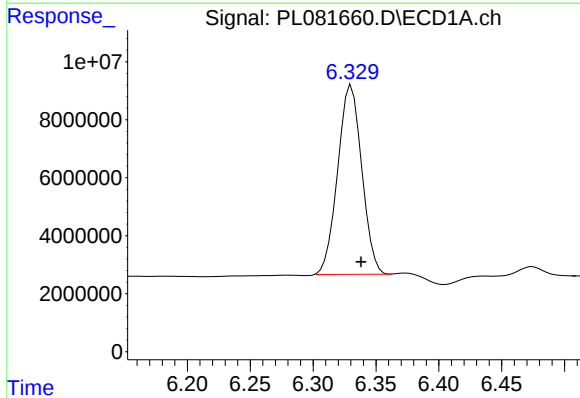
R.T.: 0.000 min  
Exp R.T.: 6.111 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



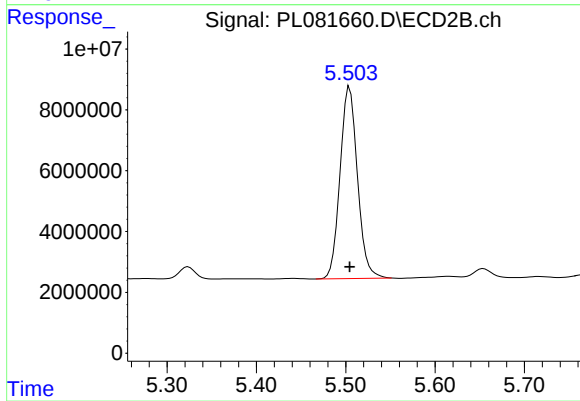
#13 Dieldrin

R.T.: 5.228 min  
Delta R.T.: -0.001 min  
Response: 172687  
Conc: 0.08 ng/ml



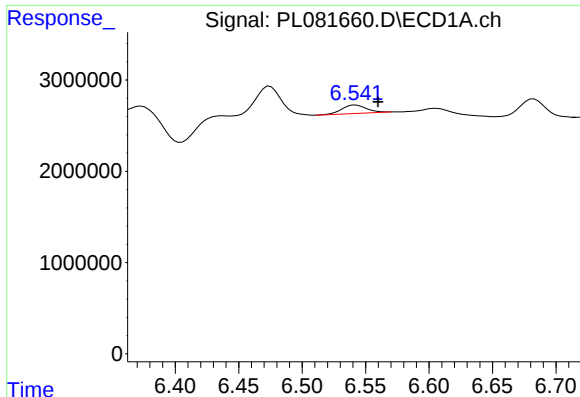
#14 Endrin

R.T.: 6.330 min  
Delta R.T.: -0.008 min  
Response: 86804468  
Conc: 41.04 ng/ml



#14 Endrin

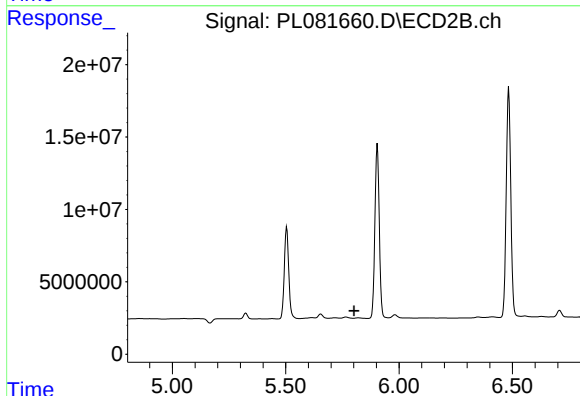
R.T.: 5.504 min  
Delta R.T.: 0.000 min  
Response: 85466729  
Conc: 42.23 ng/ml



#15 Endosulfan II

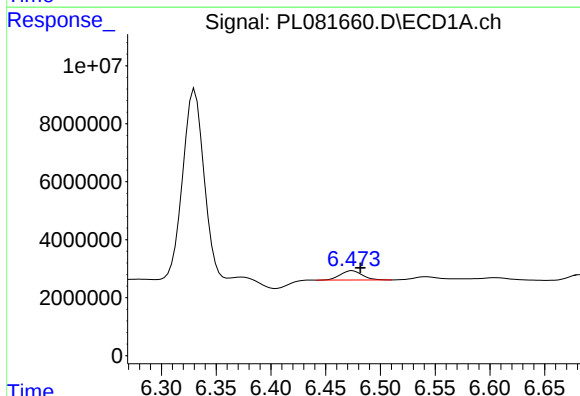
R.T.: 6.542 min  
Delta R.T.: -0.018 min  
Response: 1243091  
Conc: 0.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



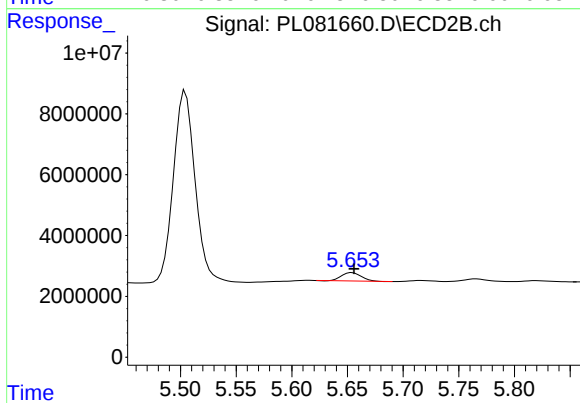
#15 Endosulfan II

R.T.: 5.820 min  
Delta R.T.: 0.019 min  
Response: -626413  
Conc: N.D.



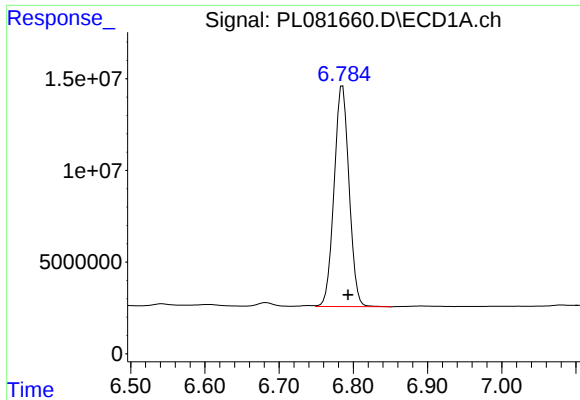
#16 4,4'-DDD

R.T.: 6.475 min  
Delta R.T.: -0.007 min  
Response: 4468800  
Conc: 2.48 ng/ml



#16 4,4'-DDD

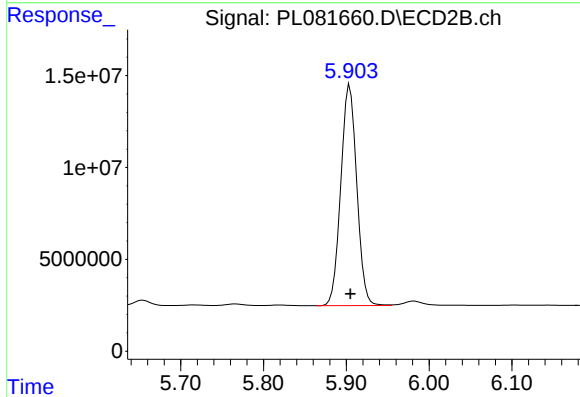
R.T.: 5.654 min  
Delta R.T.: -0.002 min  
Response: 3403867  
Conc: 2.24 ng/ml



#17 4,4'-DDT

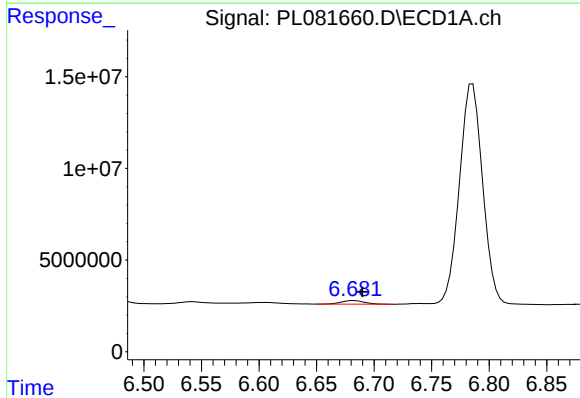
R.T.: 6.785 min  
Delta R.T.: -0.007 min  
Response: 168994676  
Conc: 83.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



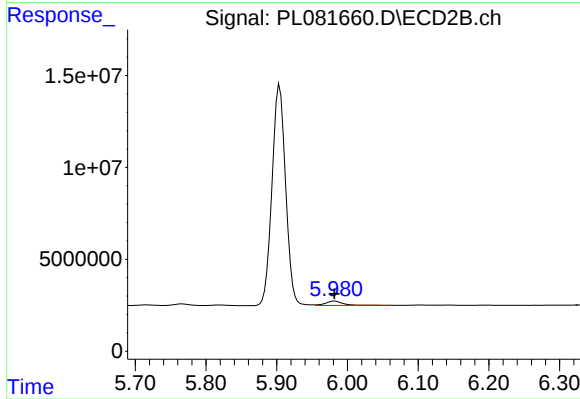
#17 4,4'-DDT

R.T.: 5.904 min  
Delta R.T.: 0.000 min  
Response: 161273489  
Conc: 93.59 ng/ml



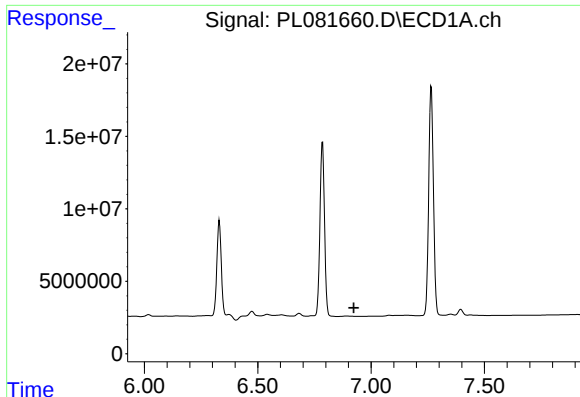
#18 Endrin aldehyde

R.T.: 6.683 min  
Delta R.T.: -0.007 min  
Response: 2744018  
Conc: 1.68 ng/ml



#18 Endrin aldehyde

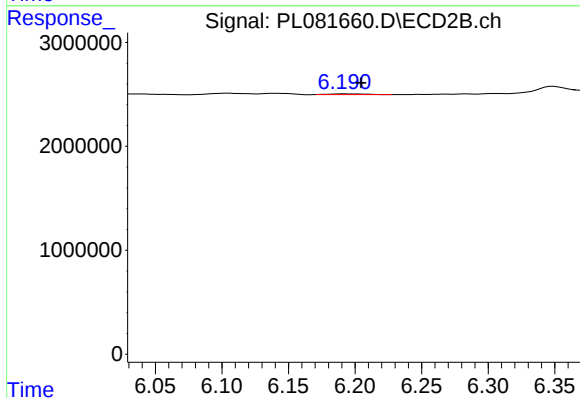
R.T.: 5.982 min  
Delta R.T.: 0.000 min  
Response: 4046340  
Conc: 2.61 ng/ml



#19 Endosulfan Sulfate

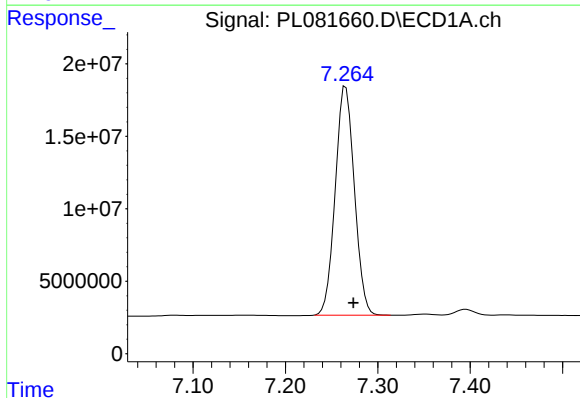
R.T.: 0.000 min  
Exp R.T.: 6.924 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



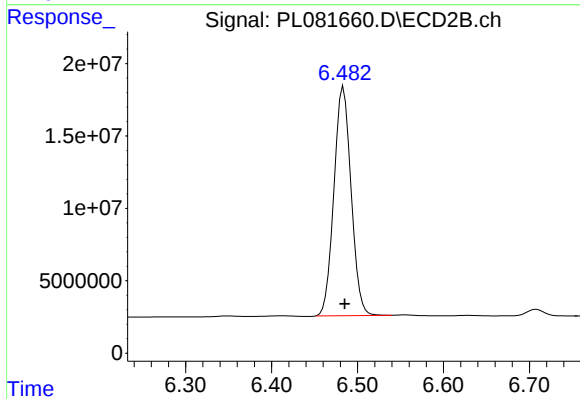
#19 Endosulfan Sulfate

R.T.: 6.192 min  
Delta R.T.: -0.013 min  
Response: 131697  
Conc: 0.07 ng/ml



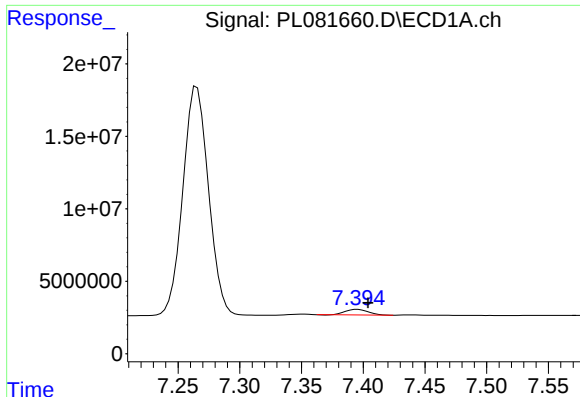
#20 Methoxychlor

R.T.: 7.265 min  
Delta R.T.: -0.008 min  
Response: 227507731  
Conc: 211.26 ng/ml



#20 Methoxychlor

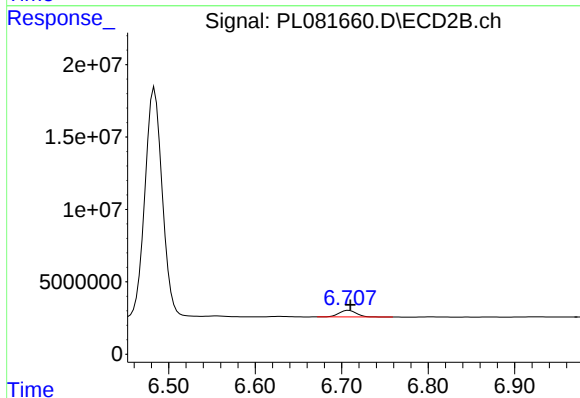
R.T.: 6.484 min  
Delta R.T.: -0.001 min  
Response: 219072154  
Conc: 219.94 ng/ml



#21 Endrin ketone

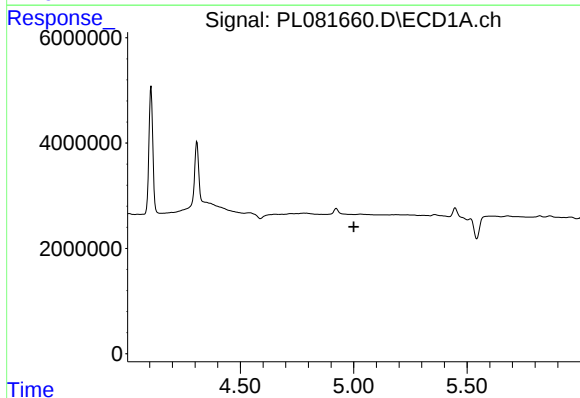
R.T.: 7.395 min  
Delta R.T.: -0.008 min  
Response: 4897746  
Conc: 2.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



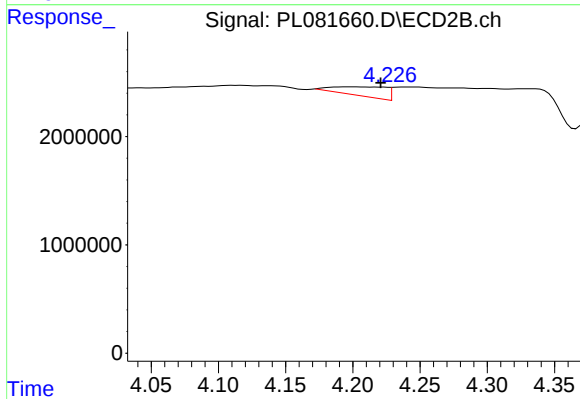
#21 Endrin ketone

R.T.: 6.708 min  
Delta R.T.: -0.002 min  
Response: 6364405  
Conc: 2.98 ng/ml



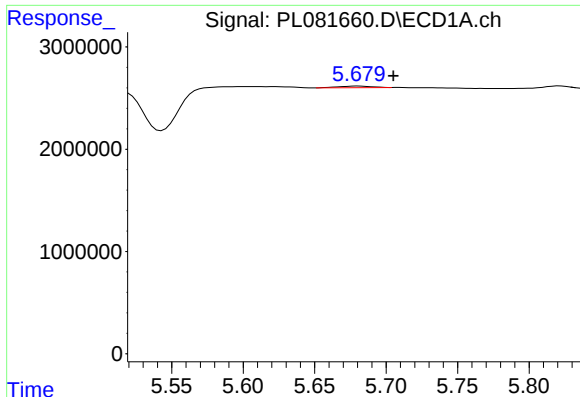
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.000 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

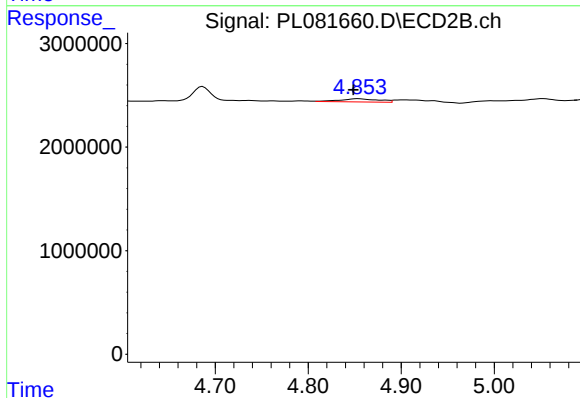
R.T.: 4.198 min  
Delta R.T.: -0.022 min  
Response: 2355299  
Conc: 25.21 ng/ml



#25 Chlordane-3

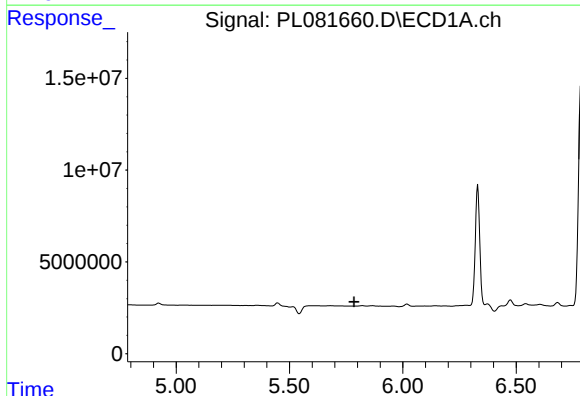
R.T.: 5.680 min  
Delta R.T.: -0.025 min  
Response: 251432  
Conc: 0.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



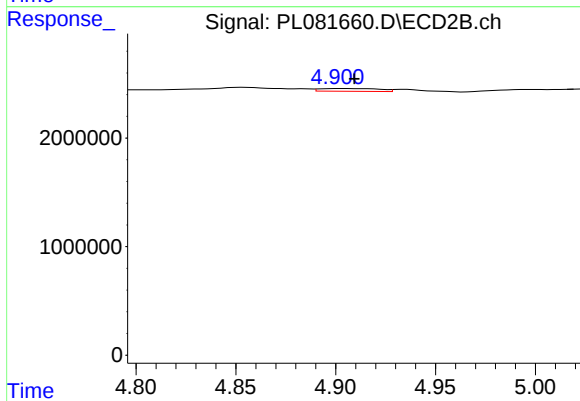
#25 Chlordane-3

R.T.: 4.854 min  
Delta R.T.: 0.005 min  
Response: 914307  
Conc: 3.63 ng/ml



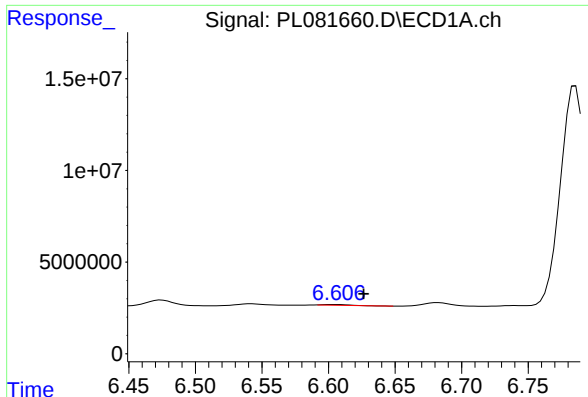
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 5.786 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

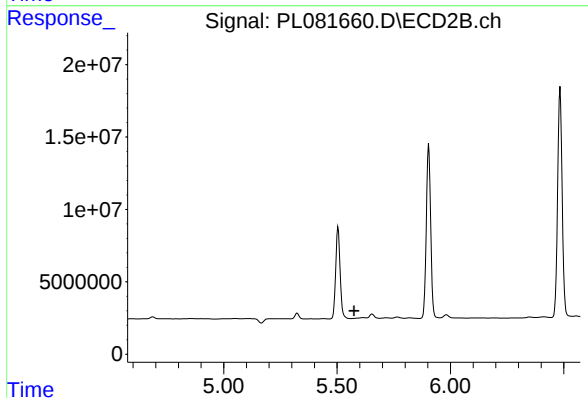
R.T.: 4.901 min  
Delta R.T.: -0.008 min  
Response: 536663  
Conc: 2.05 ng/ml



#27 Chlordane-5

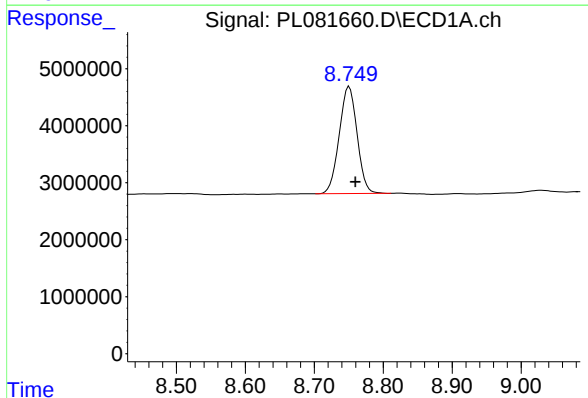
R.T.: 6.606 min  
Delta R.T.: -0.021 min  
Response: 429937  
Conc: 5.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



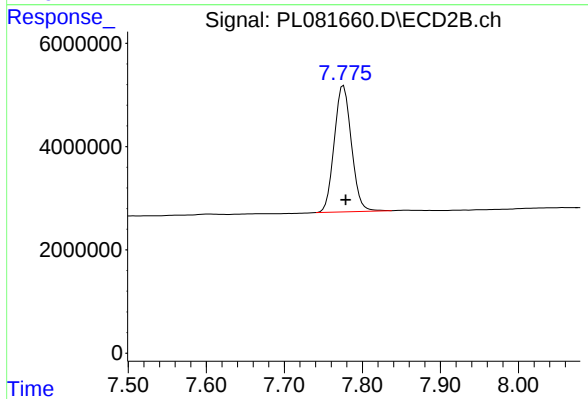
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 5.575 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.751 min  
Delta R.T.: -0.009 min  
Response: 33869754  
Conc: 18.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.776 min  
Delta R.T.: -0.003 min  
Response: 37407385  
Conc: 18.86 ng/ml