

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030323\  
 Data File : PL081245.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Mar 2023 14:17  
 Operator : AR\AJ  
 Sample : 01770-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 03 20:54:53 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... | 3.334  | 2.665  | 41935152 | 38838029 | 19.409 | 19.190   |
| 28)                         | SA Decachlor... | 8.759  | 7.790  | 29284546 | 32548553 | 19.209 | 16.992   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.157  | 0        | 59563    | N.D.   | 0.020 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.501  | 0        | 3756794  | N.D.   | 1.366 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.840  | 0        | 9214     | N.D.   | 0.003 #  |
| 5)                          | MB Aldrin       | 5.021  | 4.092f | 549997   | 1602376  | 0.216  | 0.611 #  |
| 6)                          | B beta-BHC      | 4.322  | 3.813f | 2297269  | -157886  | 1.669  | N.D. #   |
| 7)                          | B delta-BHC     | 4.554  | 4.012  | 4919781  | 896341   | 1.770  | 0.352 #  |
| 8)                          | B Heptachlo...  | 5.456  | 4.608  | 813952   | 1018159  | 0.345  | 0.421    |
| 9)                          | A Endosulfan I  | 0.000  | 5.009f | 0        | 15579710 | N.D.   | 6.883 #  |
| 10)                         | B gamma-Chl...  | 5.687f | 4.881f | 8809327  | 7354716  | 3.861  | 3.005    |
| 11)                         | B alpha-Chl...  | 5.794  | 4.919  | 6390044  | 6036206  | 2.836  | 2.465    |
| 12)                         | B 4,4'-DDE      | 5.972  | 5.112  | -494154  | 2327117  | N.D.   | 1.186    |
| 13)                         | MA Dieldrin     | 6.111  | 5.251  | 4103439  | 14650581 | 1.961  | 6.499 #  |
| 14)                         | MA Endrin       | 6.346  | 5.519  | 36954    | 1090736  | 0.020  | 0.543 #  |
| 15)                         | B Endosulfa...  | 6.554  | 5.821  | 210959   | 3058154  | 0.121  | 1.659 #  |
| 16)                         | A 4,4'-DDD      | 6.464f | 5.673  | 1594015  | -488581  | 1.035  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.794  | 5.915  | 2260410  | 2544819  | 1.424  | 1.586    |
| 18)                         | B Endrin al...  | 0.000  | 6.010  | 0        | 544430   | N.D.   | 0.359 #  |
| 19)                         | B Endosulfa...  | 6.924  | 6.208  | -112827  | 246329   | N.D.   | 0.128    |
| 20)                         | A Methoxychlor  | 0.000  | 6.524f | 0        | 7515988  | N.D.   | 8.098 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.700f | 0        | 384803   | N.D.   | 0.179 #  |
| 22)                         | Mirex           | 7.886  | 6.898  | 670333   | -464946  | 0.459  | N.D. #   |
| 24)                         | Chlordane-2     | 5.021  | 0.000  | 549997   | 0        | 5.496  | N.D. #   |
| 25)                         | Chlordane-3     | 5.687f | 4.881f | 8809327  | 7354716  | 24.084 | 27.213   |
| 26)                         | Chlordane-4     | 5.794  | 4.919  | 6390044  | 6036206  | 14.538 | 21.493 # |
| 27)                         | Chlordane-5     | 6.649  | 5.614f | 116546   | 3083105  | 1.546  | 44.628 # |
| -----                       |                 |        |        |          |          |        |          |

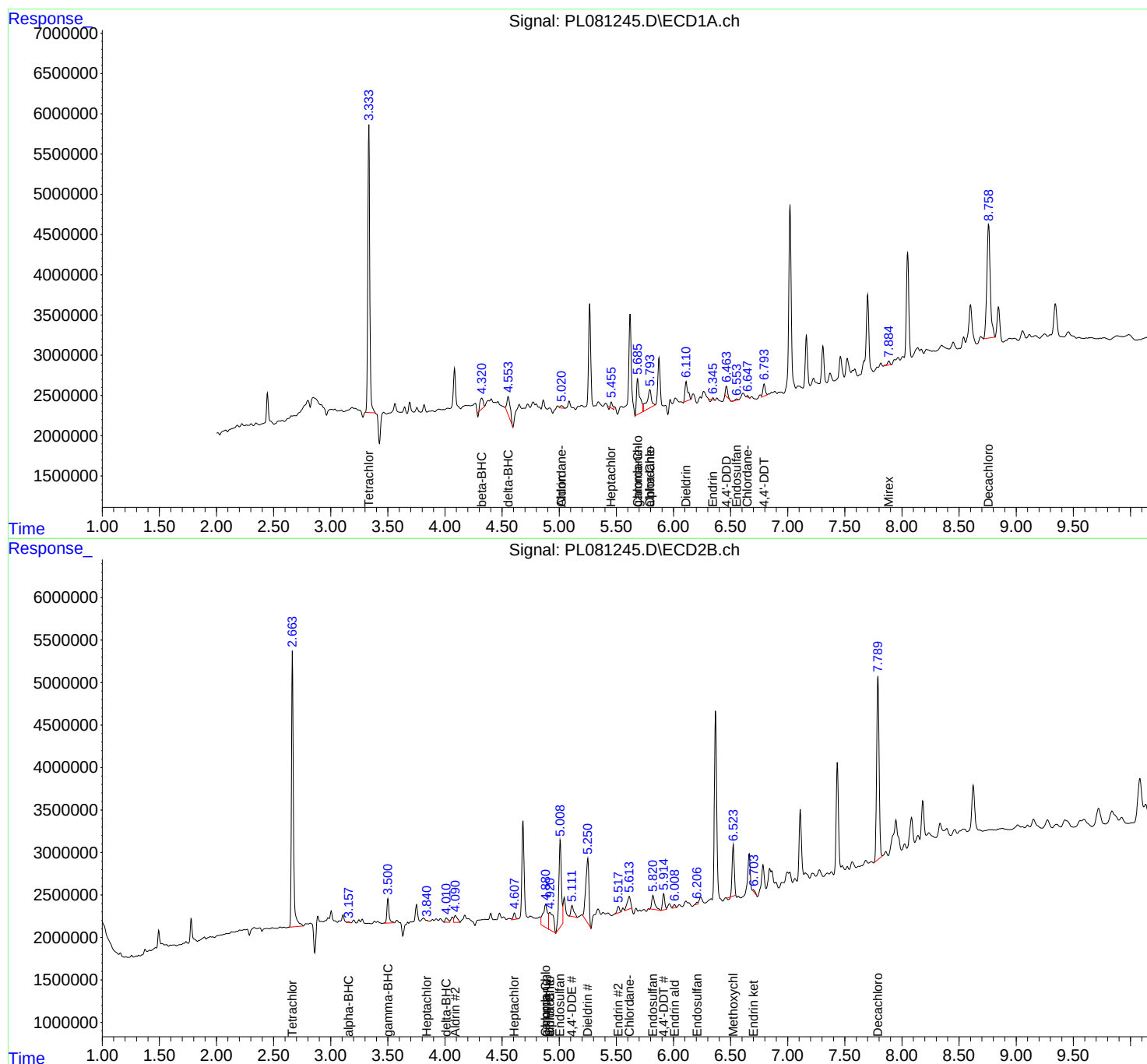
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

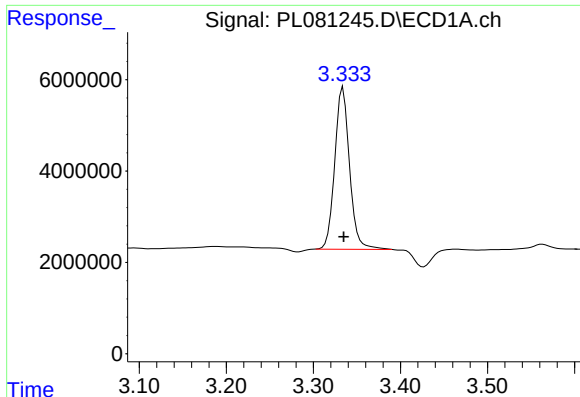
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030323\  
Data File : PL081245.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Mar 2023 14:17  
Operator : AR\AJ  
Sample : 01770-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 03 20:54:53 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

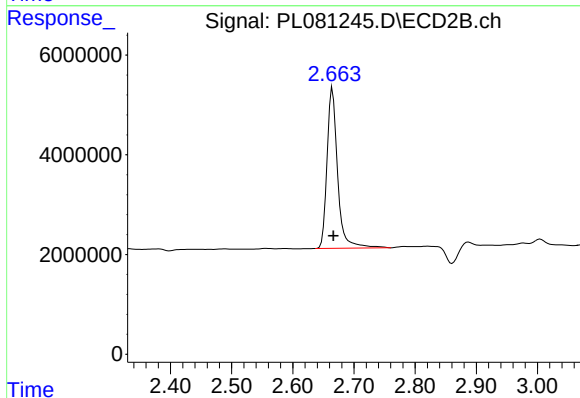




#1 Tetrachloro-m-xylene

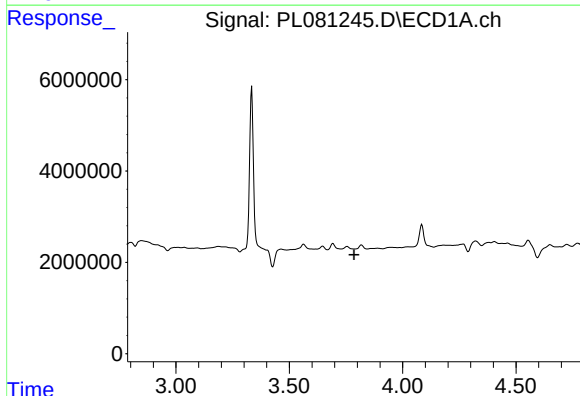
R.T.: 3.334 min  
Delta R.T.: 0.000 min  
Response: 41935152  
Conc: 19.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



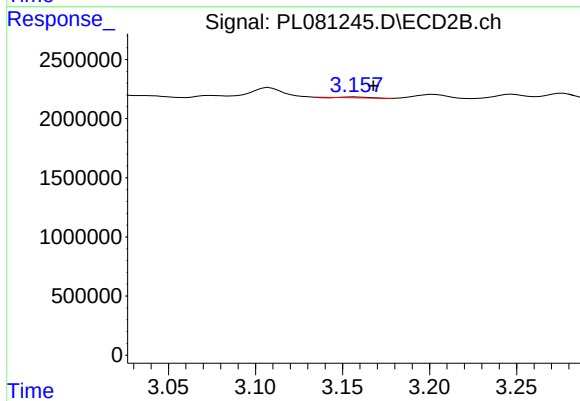
#1 Tetrachloro-m-xylene

R.T.: 2.665 min  
Delta R.T.: -0.002 min  
Response: 38838029  
Conc: 19.19 ng/ml



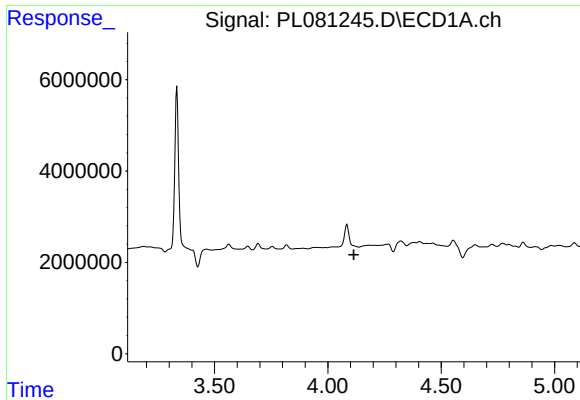
#2 alpha-BHC

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



#2 alpha-BHC

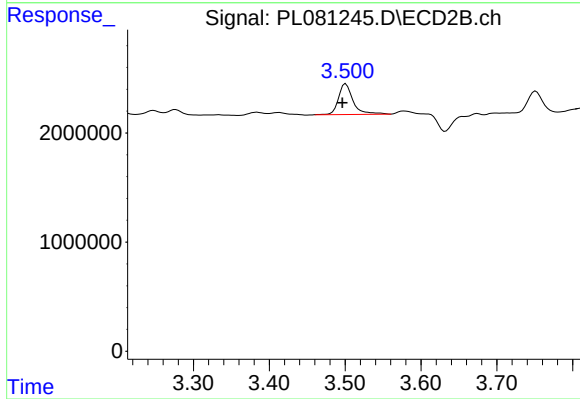
R.T.: 3.157 min  
Delta R.T.: -0.011 min  
Response: 59563  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

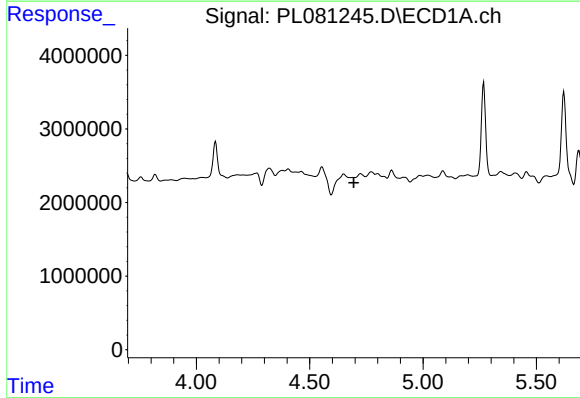
R.T.: 0.000 min  
Exp R.T. : 4.114 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



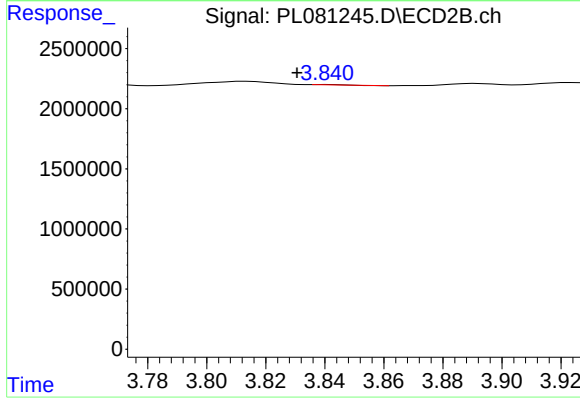
#3 gamma-BHC (Lindane)

R.T.: 3.501 min  
Delta R.T.: 0.005 min  
Response: 3756794  
Conc: 1.37 ng/ml



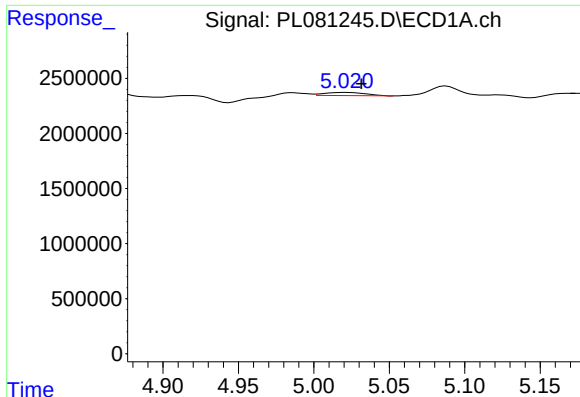
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.694 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

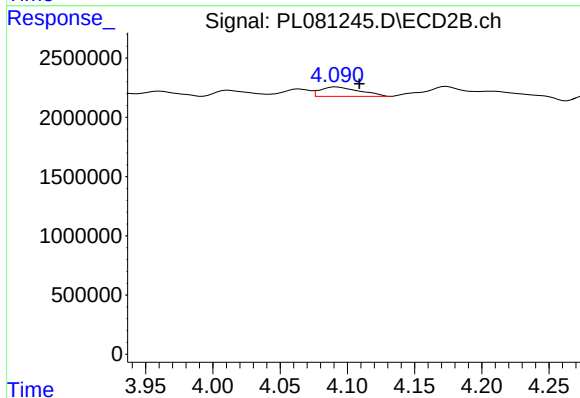
R.T.: 3.840 min  
Delta R.T.: 0.010 min  
Response: 9214  
Conc: 0.00 ng/ml



#5 Aldrin

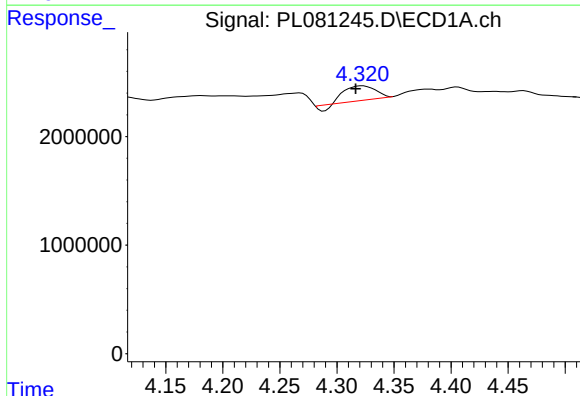
R.T.: 5.021 min  
Delta R.T.: -0.010 min  
Response: 549997  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



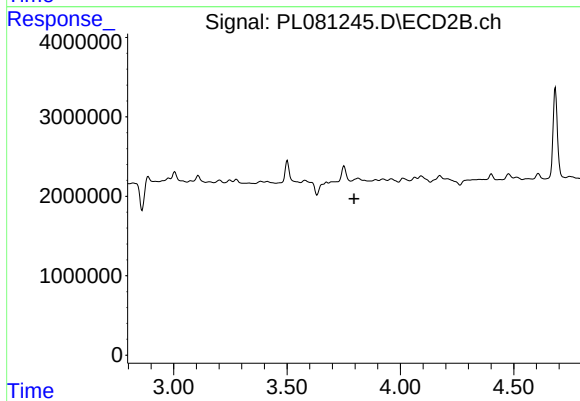
#5 Aldrin

R.T.: 4.092 min  
Delta R.T.: -0.017 min  
Response: 1602376  
Conc: 0.61 ng/ml



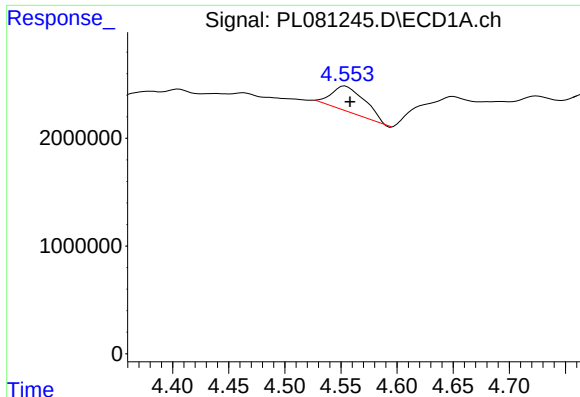
#6 beta-BHC

R.T.: 4.322 min  
Delta R.T.: 0.006 min  
Response: 2297269  
Conc: 1.67 ng/ml



#6 beta-BHC

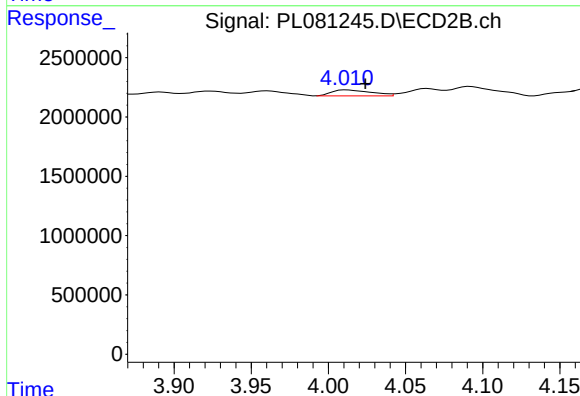
R.T.: 3.813 min  
Delta R.T.: 0.018 min  
Response: -157886  
Conc: N.D.



#7 delta-BHC

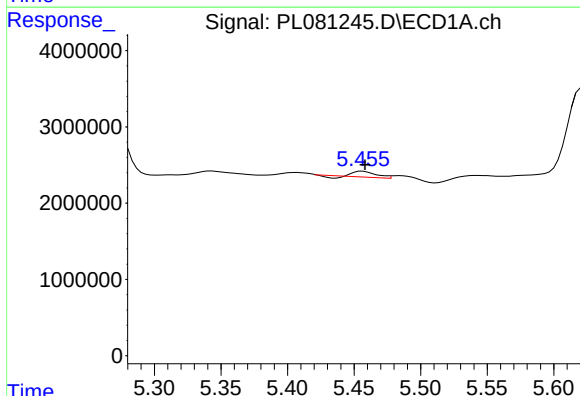
R.T.: 4.554 min  
Delta R.T.: -0.004 min  
Response: 4919781  
Conc: 1.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



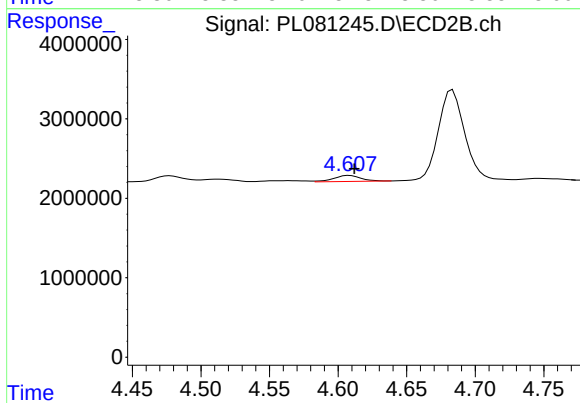
#7 delta-BHC

R.T.: 4.012 min  
Delta R.T.: -0.012 min  
Response: 896341  
Conc: 0.35 ng/ml



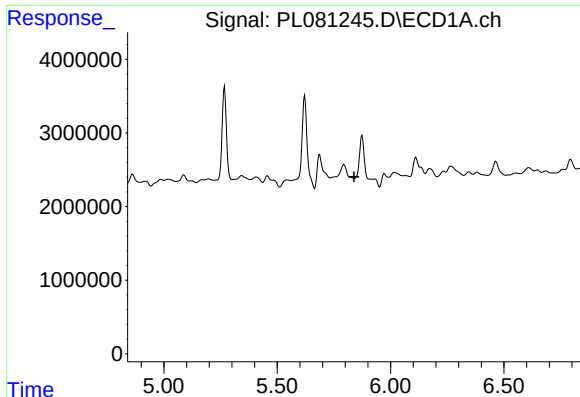
#8 Heptachlor epoxide

R.T.: 5.456 min  
Delta R.T.: -0.002 min  
Response: 813952  
Conc: 0.34 ng/ml



#8 Heptachlor epoxide

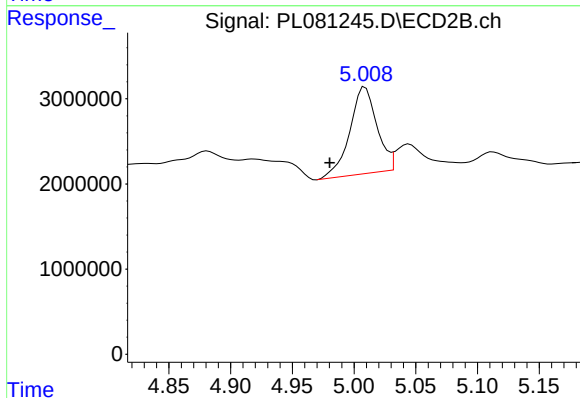
R.T.: 4.608 min  
Delta R.T.: -0.004 min  
Response: 1018159  
Conc: 0.42 ng/ml



#9 Endosulfan I

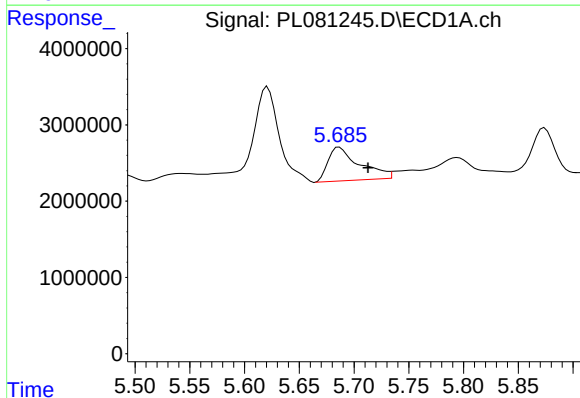
R.T.: 0.000 min  
Exp R.T.: 5.840 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



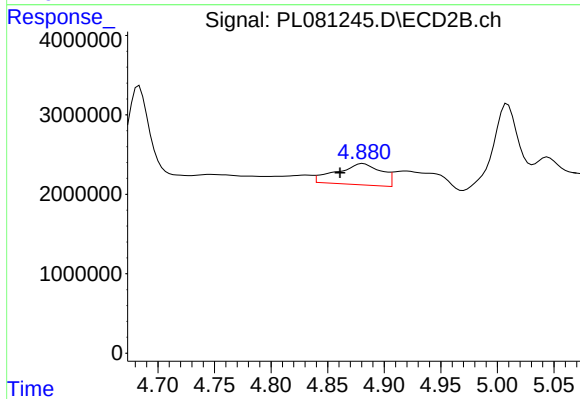
#9 Endosulfan I

R.T.: 5.009 min  
Delta R.T.: 0.029 min  
Response: 15579710  
Conc: 6.88 ng/ml



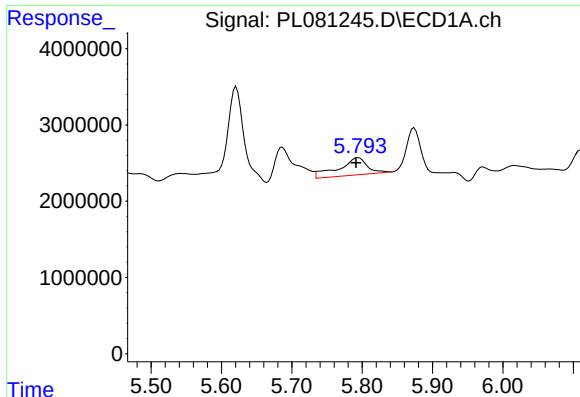
#10 gamma-Chlordane

R.T.: 5.687 min  
Delta R.T.: -0.026 min  
Response: 8809327  
Conc: 3.86 ng/ml



#10 gamma-Chlordane

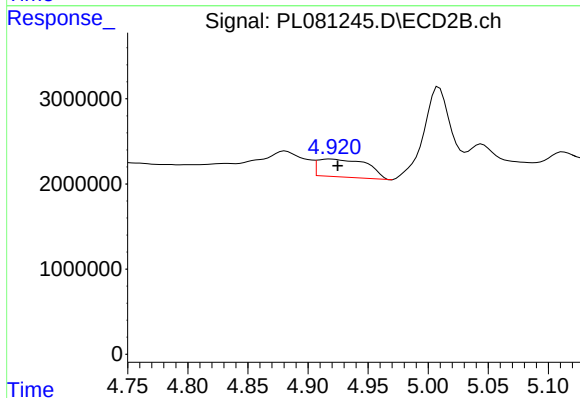
R.T.: 4.881 min  
Delta R.T.: 0.020 min  
Response: 7354716  
Conc: 3.00 ng/ml



#11 alpha-Chlordane

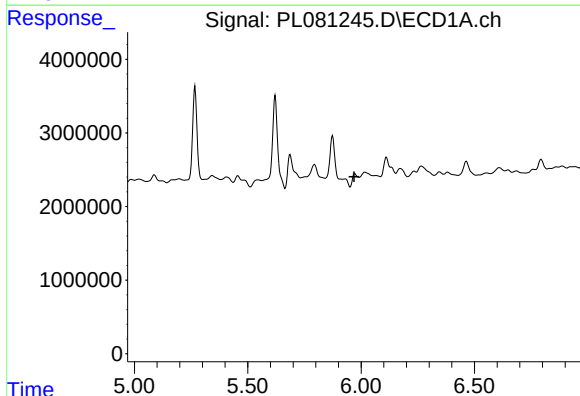
R.T.: 5.794 min  
Delta R.T.: 0.003 min  
Response: 6390044  
Conc: 2.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



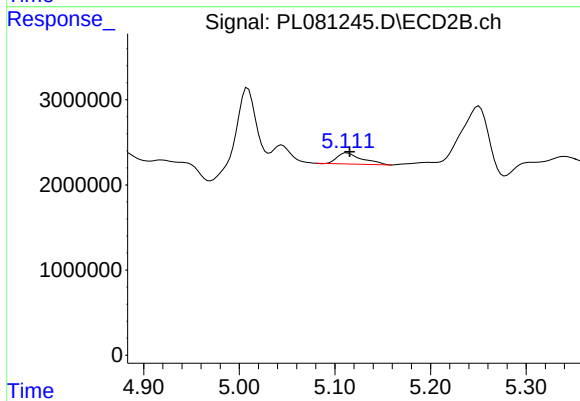
#11 alpha-Chlordane

R.T.: 4.919 min  
Delta R.T.: -0.006 min  
Response: 6036206  
Conc: 2.47 ng/ml



#12 4,4'-DDE

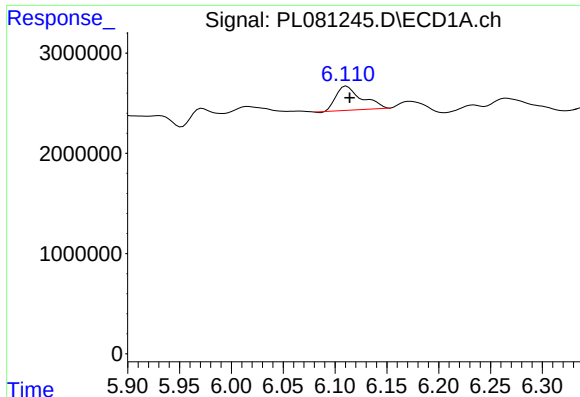
R.T.: 5.972 min  
Delta R.T.: 0.003 min  
Response: -494154  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.112 min  
Delta R.T.: -0.003 min  
Response: 2327117  
Conc: 1.19 ng/ml

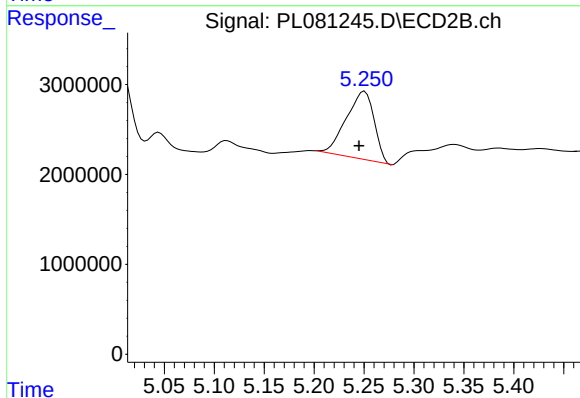




#13 Dieldrin

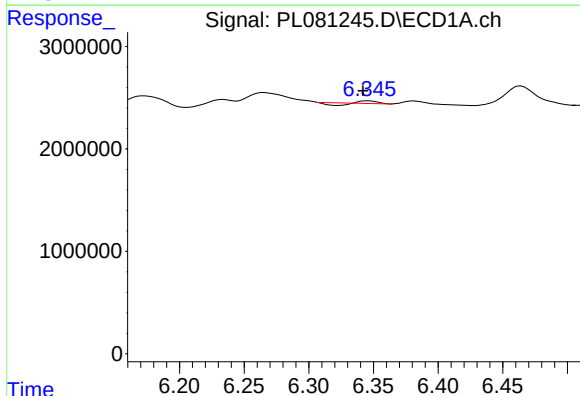
R.T.: 6.111 min  
Delta R.T.: -0.003 min  
Response: 4103439  
Conc: 1.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



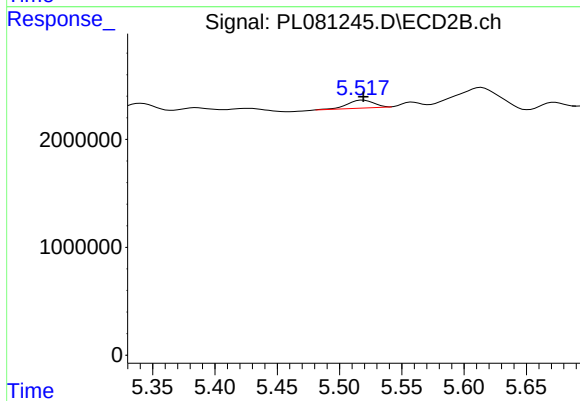
#13 Dieldrin

R.T.: 5.251 min  
Delta R.T.: 0.006 min  
Response: 14650581  
Conc: 6.50 ng/ml



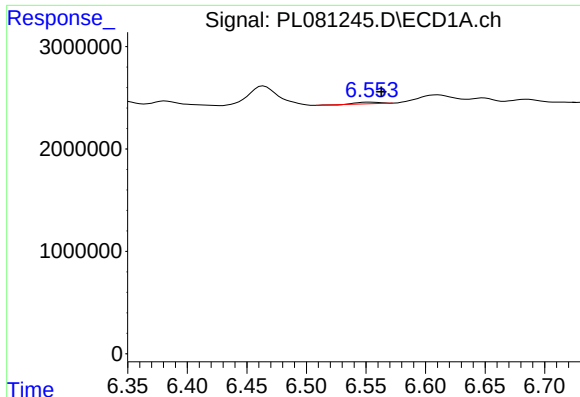
#14 Endrin

R.T.: 6.346 min  
Delta R.T.: 0.004 min  
Response: 36954  
Conc: 0.02 ng/ml



#14 Endrin

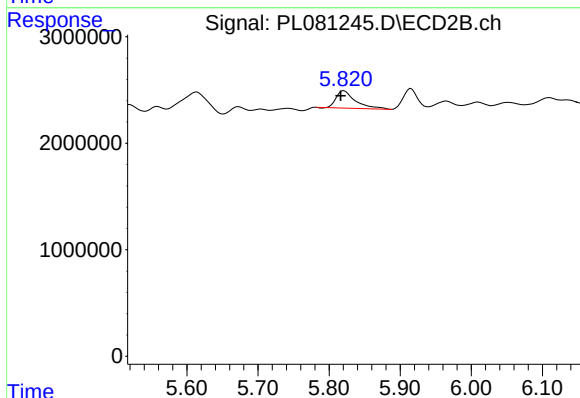
R.T.: 5.519 min  
Delta R.T.: 0.000 min  
Response: 1090736  
Conc: 0.54 ng/ml



#15 Endosulfan II

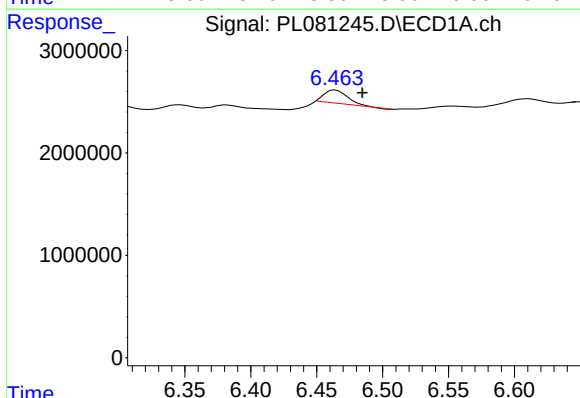
R.T.: 6.554 min  
Delta R.T.: -0.009 min  
Response: 210959  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



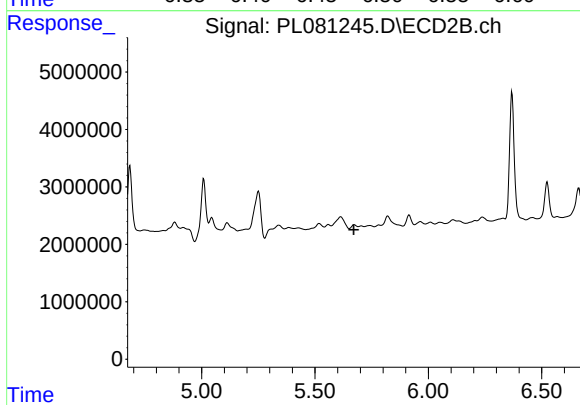
#15 Endosulfan II

R.T.: 5.821 min  
Delta R.T.: 0.005 min  
Response: 3058154  
Conc: 1.66 ng/ml



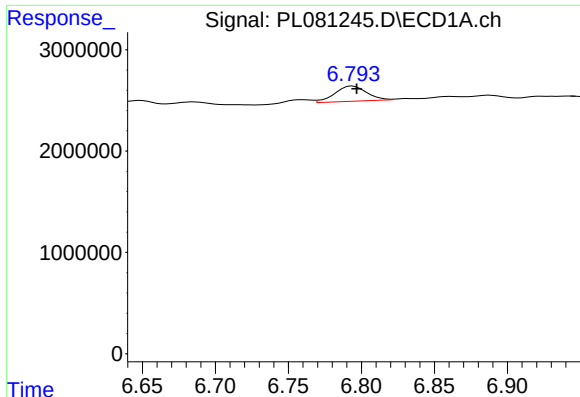
#16 4,4'-DDD

R.T.: 6.464 min  
Delta R.T.: -0.021 min  
Response: 1594015  
Conc: 1.04 ng/ml



#16 4,4'-DDD

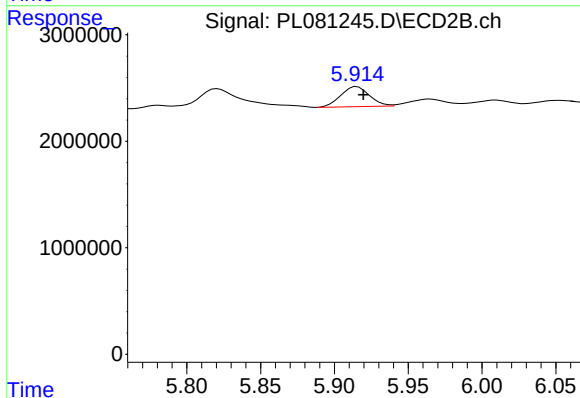
R.T.: 5.673 min  
Delta R.T.: 0.002 min  
Response: -488581  
Conc: N.D.



#17 4,4'-DDT

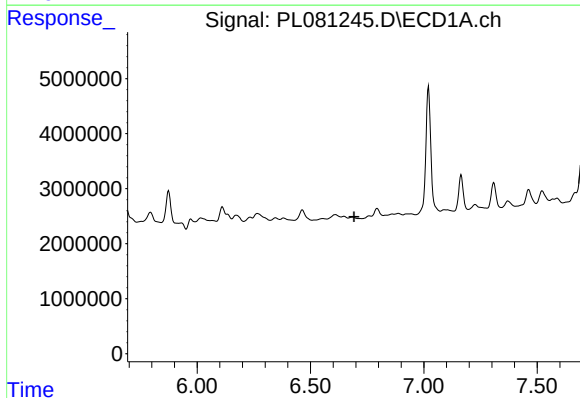
R.T.: 6.794 min  
Delta R.T.: -0.003 min  
Response: 2260410  
Conc: 1.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



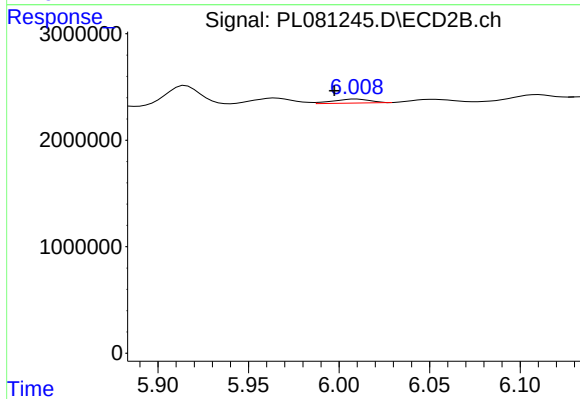
#17 4,4'-DDT

R.T.: 5.915 min  
Delta R.T.: -0.004 min  
Response: 2544819  
Conc: 1.59 ng/ml



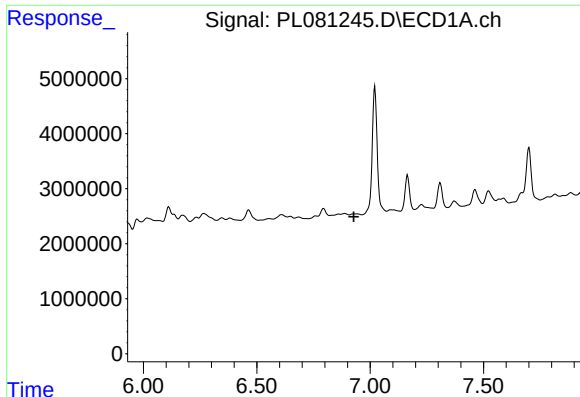
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.693 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

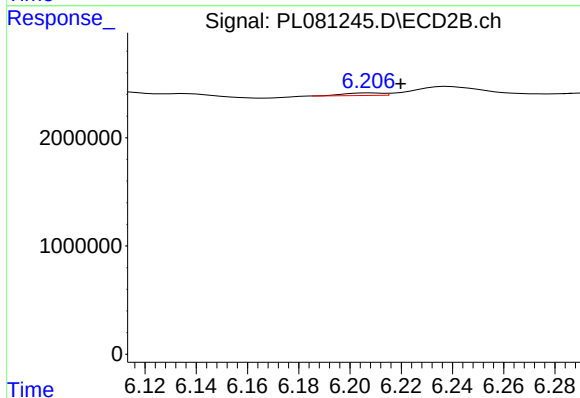
R.T.: 6.010 min  
Delta R.T.: 0.012 min  
Response: 544430  
Conc: 0.36 ng/ml



#19 Endosulfan Sulfate

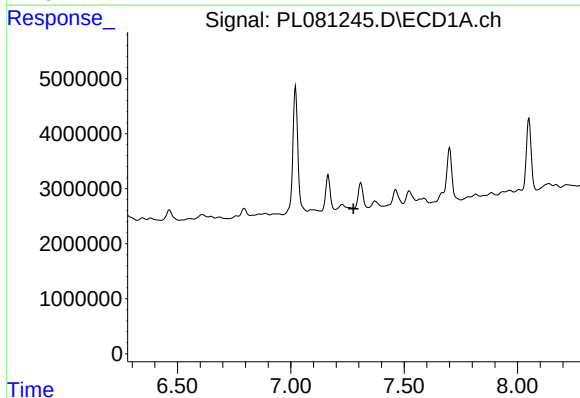
R.T.: 6.924 min  
Delta R.T.: -0.004 min  
Response: -112827  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



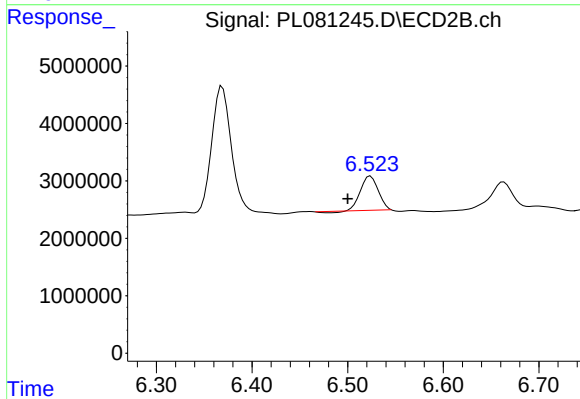
#19 Endosulfan Sulfate

R.T.: 6.208 min  
Delta R.T.: -0.012 min  
Response: 246329  
Conc: 0.13 ng/ml



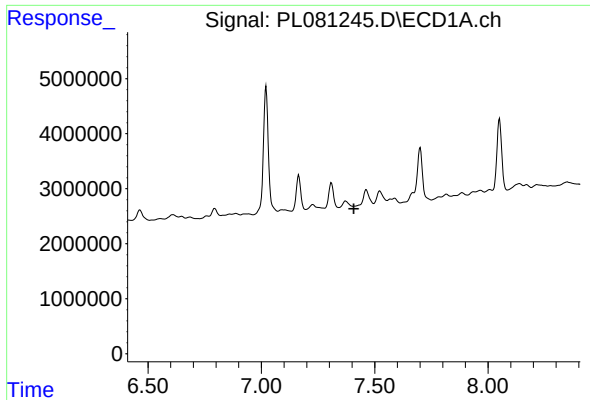
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.277 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

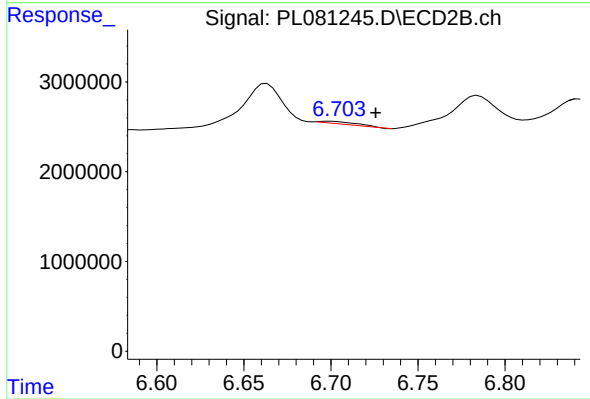
R.T.: 6.524 min  
Delta R.T.: 0.024 min  
Response: 7515988  
Conc: 8.10 ng/ml



#21 Endrin ketone

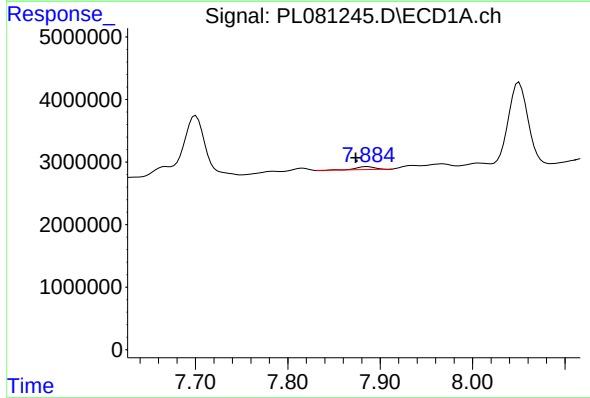
R.T.: 0.000 min  
Exp R.T.: 7.408 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



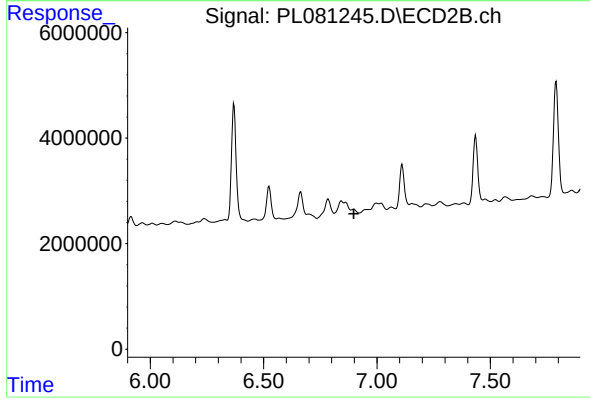
#21 Endrin ketone

R.T.: 6.700 min  
Delta R.T.: -0.026 min  
Response: 384803  
Conc: 0.18 ng/ml



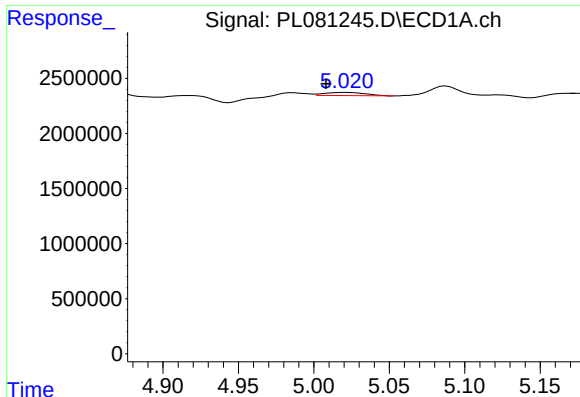
#22 Mirex

R.T.: 7.886 min  
Delta R.T.: 0.012 min  
Response: 670333  
Conc: 0.46 ng/ml



#22 Mirex

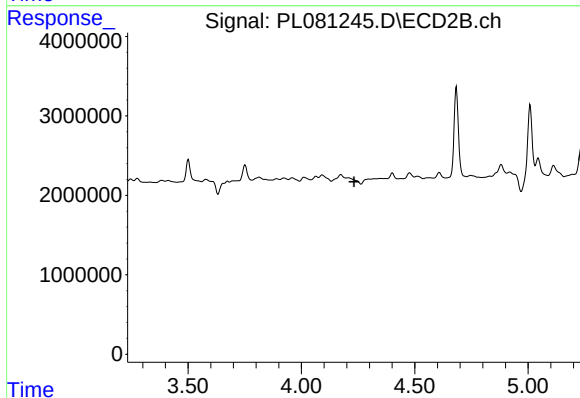
R.T.: 6.898 min  
Delta R.T.: 0.000 min  
Response: -464946  
Conc: N.D.



#24 Chlordane-2

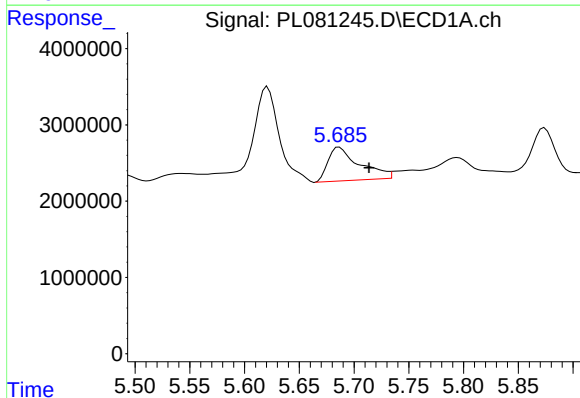
R.T.: 5.021 min  
Delta R.T.: 0.013 min  
Response: 549997  
Conc: 5.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



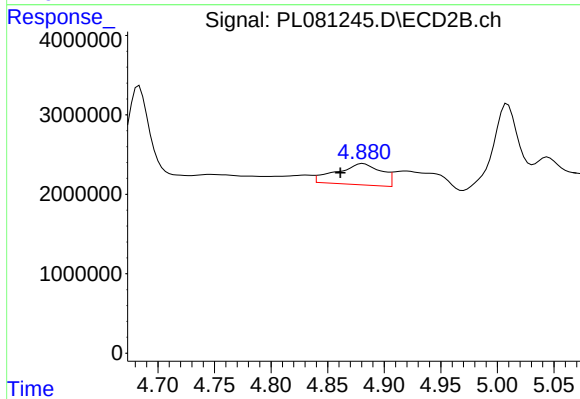
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.232 min  
Response: 0  
Conc: N.D.



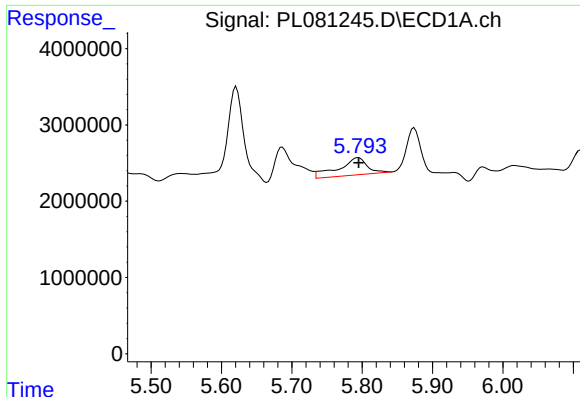
#25 Chlordane-3

R.T.: 5.687 min  
Delta R.T.: -0.027 min  
Response: 8809327  
Conc: 24.08 ng/ml



#25 Chlordane-3

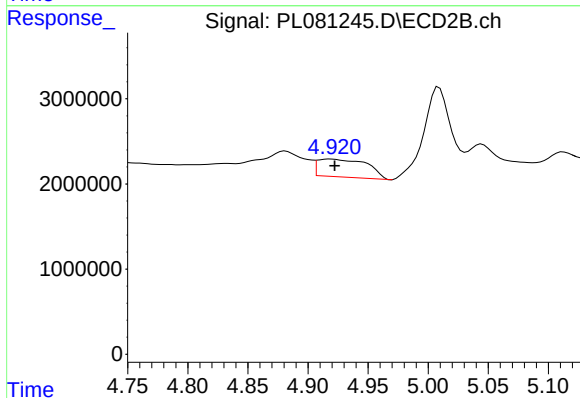
R.T.: 4.881 min  
Delta R.T.: 0.020 min  
Response: 7354716  
Conc: 27.21 ng/ml



#26 Chlordane-4

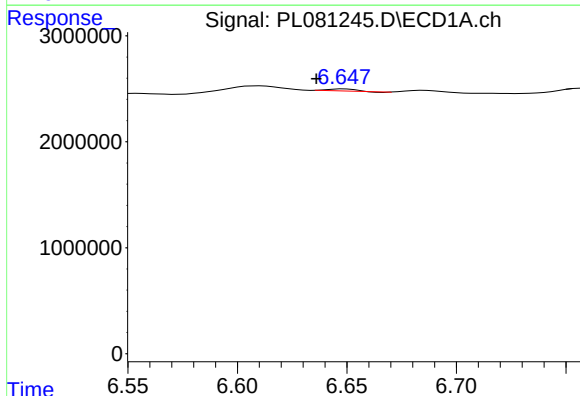
R.T.: 5.794 min  
Delta R.T.: 0.000 min  
Response: 6390044  
Conc: 14.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



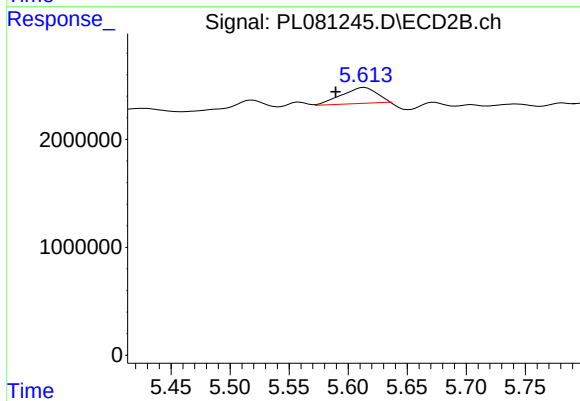
#26 Chlordane-4

R.T.: 4.919 min  
Delta R.T.: -0.003 min  
Response: 6036206  
Conc: 21.49 ng/ml



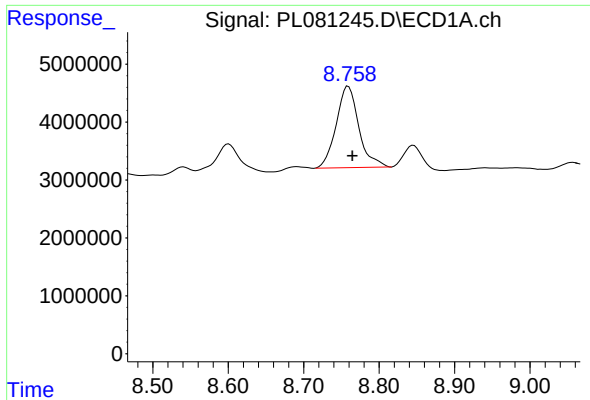
#27 Chlordane-5

R.T.: 6.649 min  
Delta R.T.: 0.013 min  
Response: 116546  
Conc: 1.55 ng/ml



#27 Chlordane-5

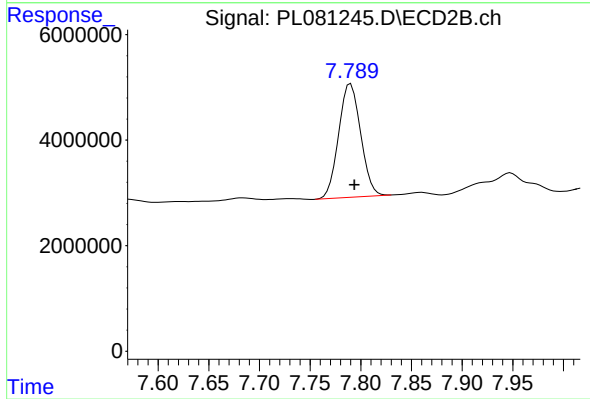
R.T.: 5.614 min  
Delta R.T.: 0.025 min  
Response: 3083105  
Conc: 44.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.759 min  
Delta R.T.: -0.005 min  
Response: 29284546  
Conc: 19.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.790 min  
Delta R.T.: -0.004 min  
Response: 32548553  
Conc: 16.99 ng/ml