

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041923\  
 Data File : PL082185.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Apr 2023 11:34  
 Operator : AR\AJ  
 Sample : 02386-03 20X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 19 22:04:06 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... | 3.317f | 2.644  | 53614190   | 47206299   | 23.051   | 23.649     |
| 28)                         | SA Decachlor... | 8.757  | 7.767  | 28852832   | 30077019   | 16.122   | 15.166     |
| Target Compounds            |                 |        |        |            |            |          |            |
| 4)                          | MA Heptachlor   | 4.719f | 3.824  | 13902709   | 234.3E6    | 4.411    | 81.715 #   |
| 5)                          | MB Aldrin       | 5.024  | 4.104  | 127.8E6    | 159.4E6    | 44.686   | 59.809 #   |
| 7)                          | B delta-BHC     | 4.571  | 4.006  | 96128521   | 80763366   | 31.629   | 31.230     |
| 8)                          | B Heptachlo...  | 5.450  | 4.581f | 377.3E6    | 3745833    | 138.726  | 1.542 #    |
| 9)                          | A Endosulfan I  | 5.824  | 4.986f | 12200915   | 22057260   | 4.938    | 9.991 #    |
| 10)                         | B gamma-Chl...  | 5.706  | 4.835  | 493.7E6    | 255.8E6    | 188.054  | 105.257 #  |
| 11)                         | B alpha-Chl...  | 5.789  | 4.896  | 318.7E6    | 378.8E6    | 123.138  | 155.972 #  |
| 12)                         | B 4,4'-DDE      | 5.963  | 5.091  | 621.1E6    | 139.0E6    | 275.615  | 70.589 #   |
| 13)                         | MA Dieldrin     | 6.110  | 5.223  | -147613259 | 440.9E6    | N.D.     | 196.015    |
| 14)                         | MA Endrin       | 6.341  | 5.500  | 355.6E6    | -163177271 | 168.105  | N.D. #     |
| 15)                         | B Endosulfa...  | 6.555  | 0.000  | 37242967   | 0          | 17.550   | N.D. #     |
| 16)                         | A 4,4'-DDD      | 6.481  | 5.646  | 4210.8E6   | 3240.4E6   | 2334.800 | 2135.320   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.888f | 0          | 541.6E6    | N.D.     | 314.295 #  |
| 18)                         | B Endrin al...  | 6.709f | 5.985  | 47199402   | 82411690   | 28.849   | 53.067 #   |
| 19)                         | B Endosulfa...  | 6.903f | 6.218  | 75724642   | 80331482   | 36.335   | 41.287     |
| 21)                         | B Endrin ke...  | 7.381f | 6.725  | 329.4E6    | 87634803   | 157.278  | 41.009 #   |
| 23)                         | Chlordane-1     | 4.475  | 3.635  | 141.5E6    | 95300630   | 1423.256 | 1237.269   |
| 24)                         | Chlordane-2     | 5.024f | 4.210  | 127.8E6    | 48336530   | 1228.101 | 517.423 #  |
| 25)                         | Chlordane-3     | 5.706  | 4.835  | 493.7E6    | 255.8E6    | 1246.325 | 1015.655   |
| 26)                         | Chlordane-4     | 5.789  | 4.896  | 318.7E6    | 378.8E6    | 666.024  | 1446.353 # |
| 27)                         | Chlordane-5     | 6.608f | 0.000  | 283.4E6    | 0          | 3337.163 | N.D. #     |
| -----                       |                 |        |        |            |            |          |            |

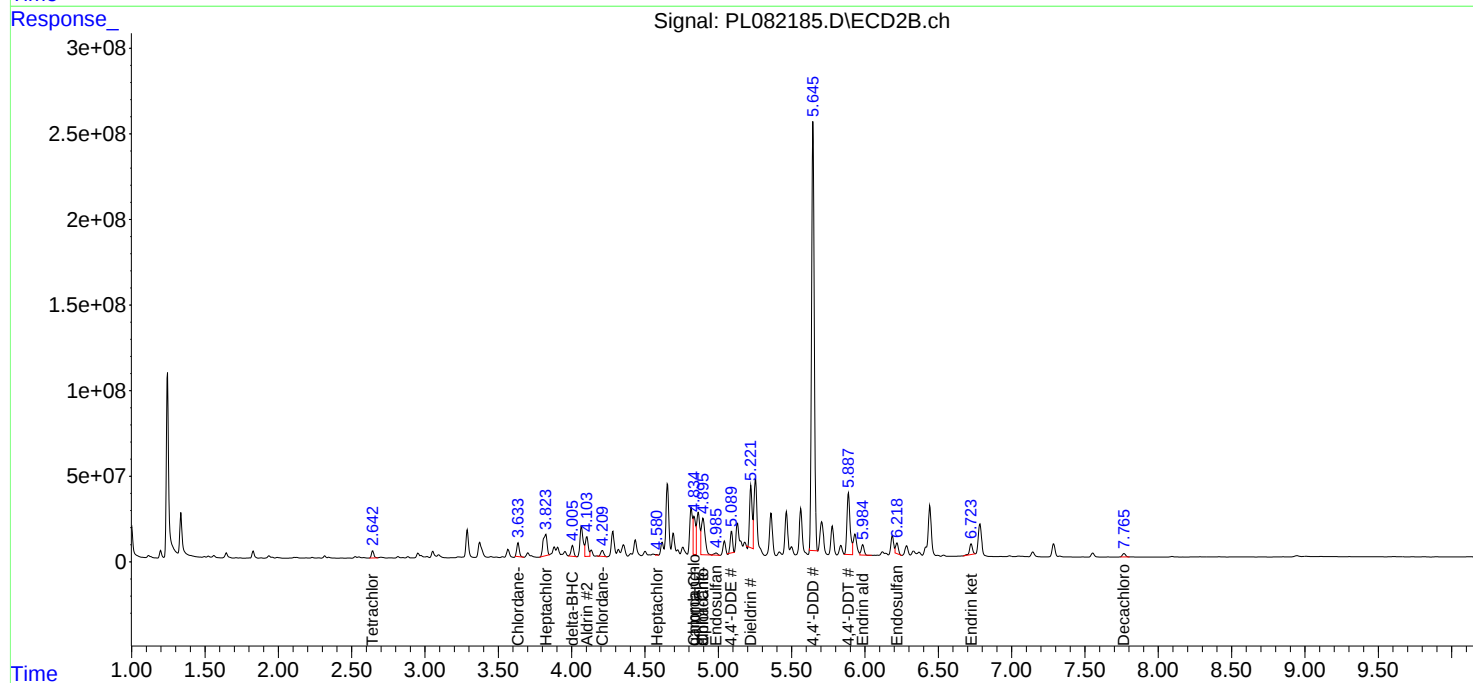
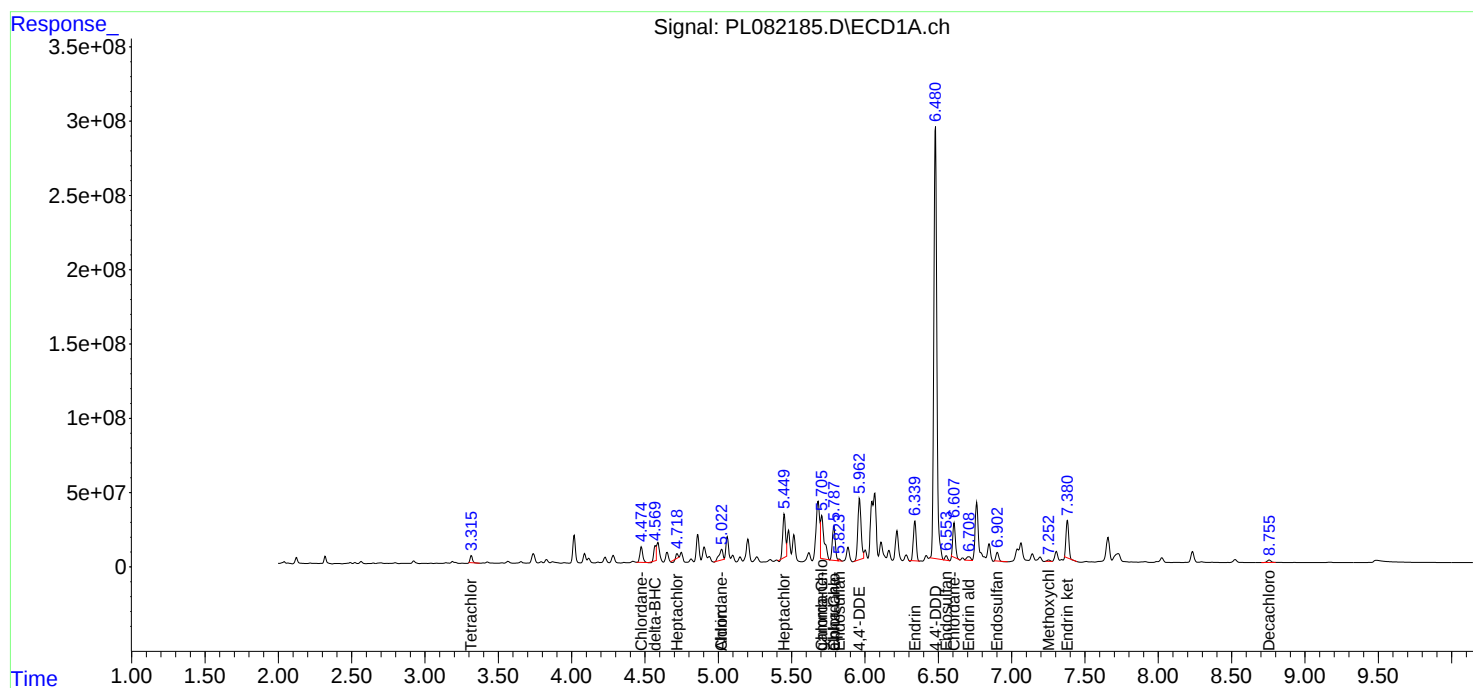
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

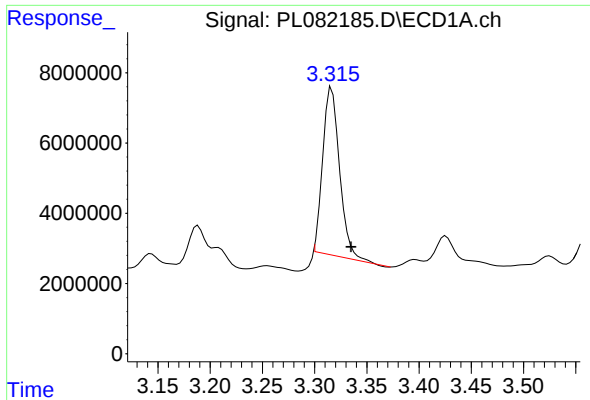
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041923\  
Data File : PL082185.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Apr 2023 11:34  
Operator : AR\AJ  
Sample : 02386-03 20X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 19 22:04:06 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 23 01:07:33 2023  
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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

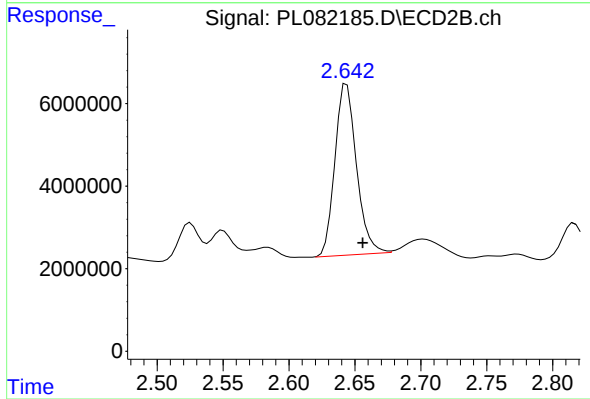




#1 Tetrachloro-m-xylene

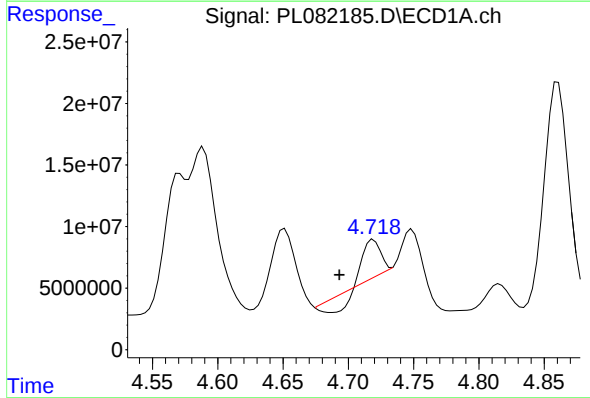
R.T.: 3.317 min  
Delta R.T.: -0.018 min  
Response: 53614190  
Conc: 23.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



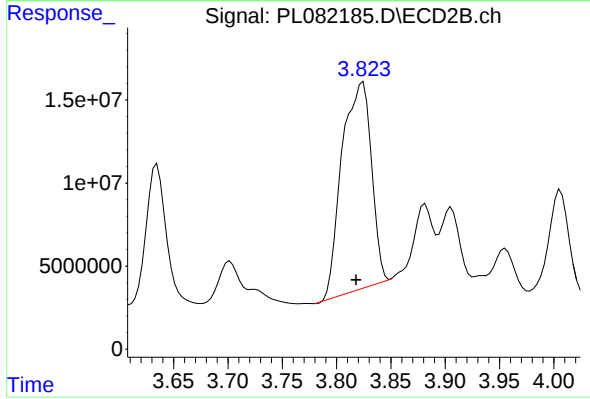
#1 Tetrachloro-m-xylene

R.T.: 2.644 min  
Delta R.T.: -0.012 min  
Response: 47206299  
Conc: 23.65 ng/ml



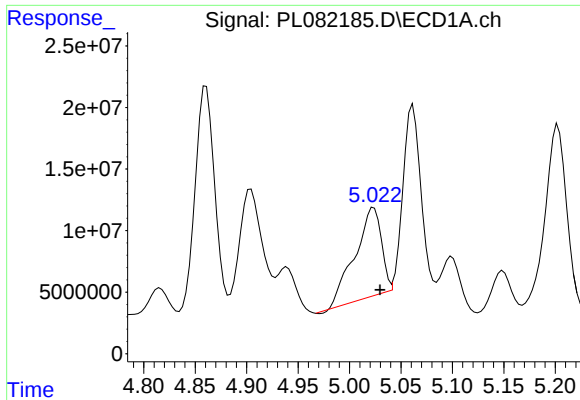
#4 Heptachlor

R.T.: 4.719 min  
Delta R.T.: 0.026 min  
Response: 13902709  
Conc: 4.41 ng/ml



#4 Heptachlor

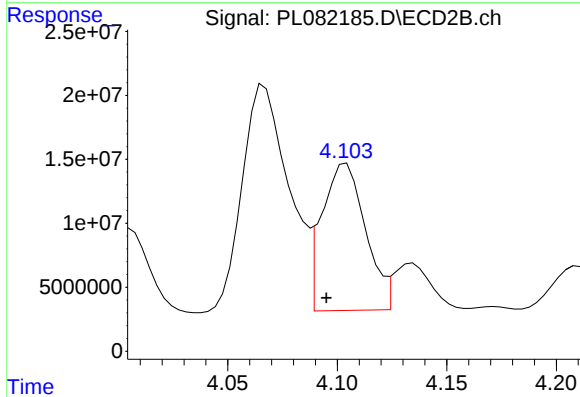
R.T.: 3.824 min  
Delta R.T.: 0.006 min  
Response: 234275146  
Conc: 81.72 ng/ml



#5 Aldrin

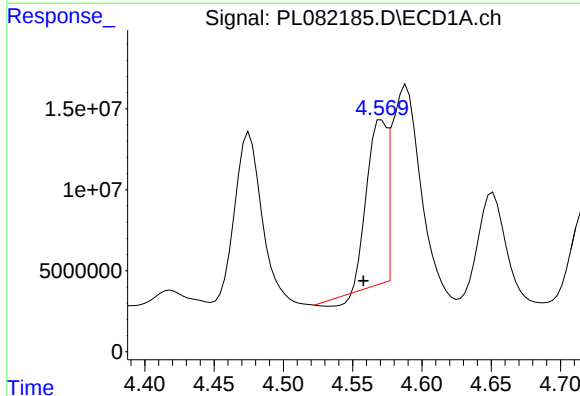
R.T.: 5.024 min  
Delta R.T.: -0.006 min  
Response: 127815840  
Conc: 44.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



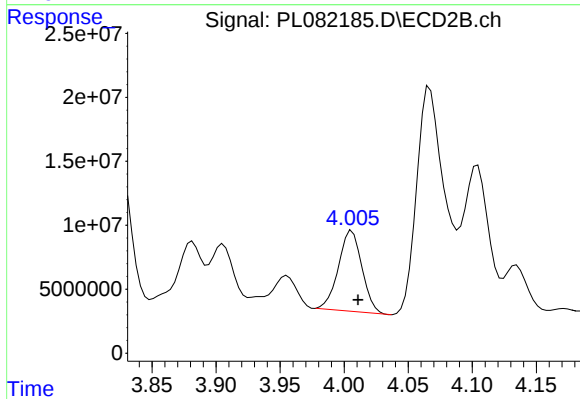
#5 Aldrin

R.T.: 4.104 min  
Delta R.T.: 0.009 min  
Response: 159359439  
Conc: 59.81 ng/ml



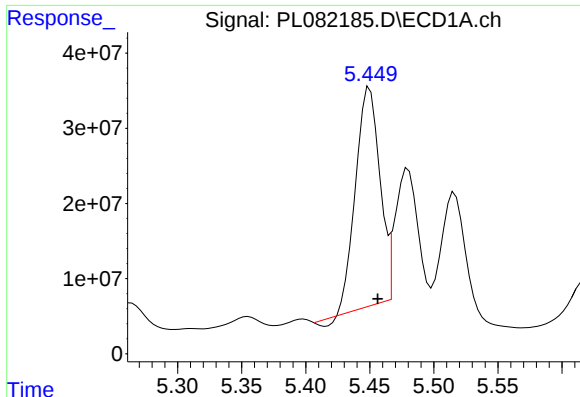
#7 delta-BHC

R.T.: 4.571 min  
Delta R.T.: 0.013 min  
Response: 96128521  
Conc: 31.63 ng/ml



#7 delta-BHC

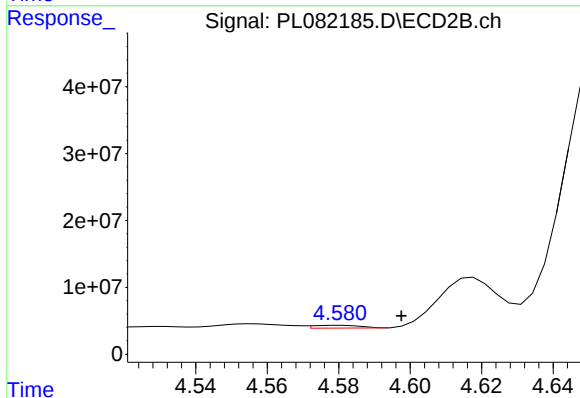
R.T.: 4.006 min  
Delta R.T.: -0.005 min  
Response: 80763366  
Conc: 31.23 ng/ml



#8 Heptachlor epoxide

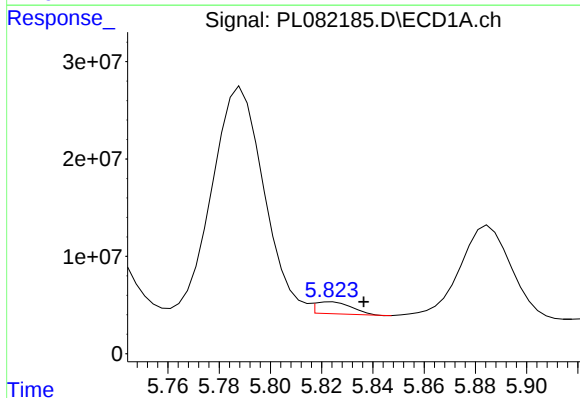
R.T.: 5.450 min  
Delta R.T.: -0.006 min  
Response: 377338324  
Conc: 138.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



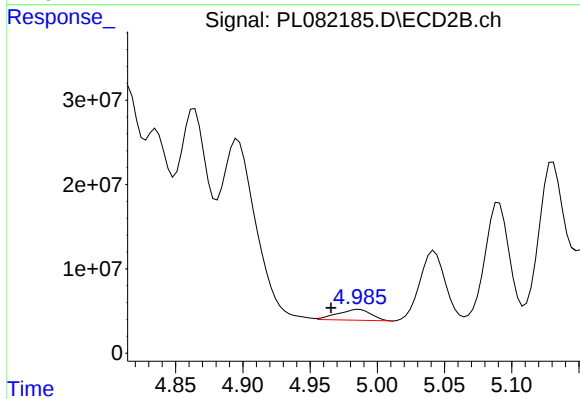
#8 Heptachlor epoxide

R.T.: 4.581 min  
Delta R.T.: -0.017 min  
Response: 3745833  
Conc: 1.54 ng/ml



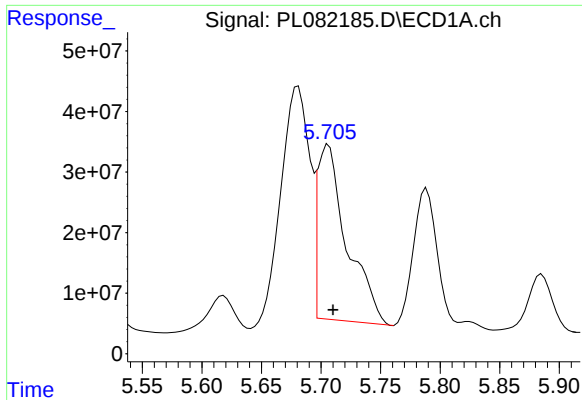
#9 Endosulfan I

R.T.: 5.824 min  
Delta R.T.: -0.012 min  
Response: 12200915  
Conc: 4.94 ng/ml



#9 Endosulfan I

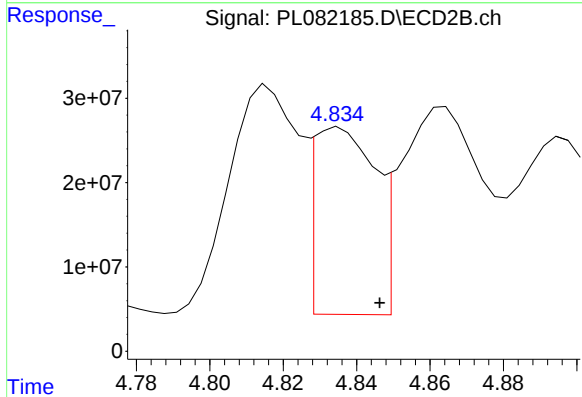
R.T.: 4.986 min  
Delta R.T.: 0.021 min  
Response: 22057260  
Conc: 9.99 ng/ml



#10 gamma-Chlordane

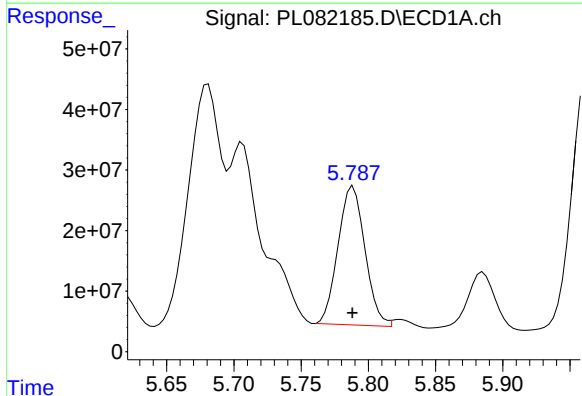
R.T.: 5.706 min  
Delta R.T.: -0.004 min  
Response: 493685356  
Conc: 188.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



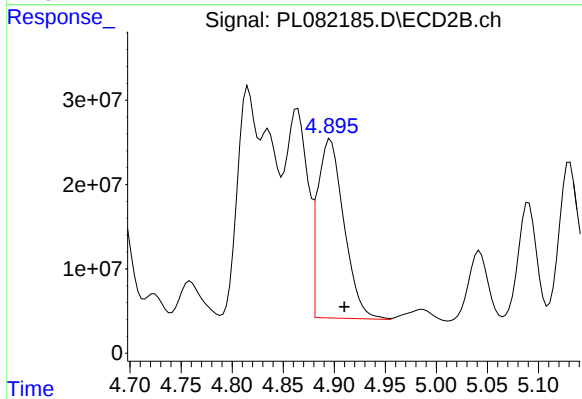
#10 gamma-Chlordane

R.T.: 4.835 min  
Delta R.T.: -0.011 min  
Response: 255814064  
Conc: 105.26 ng/ml



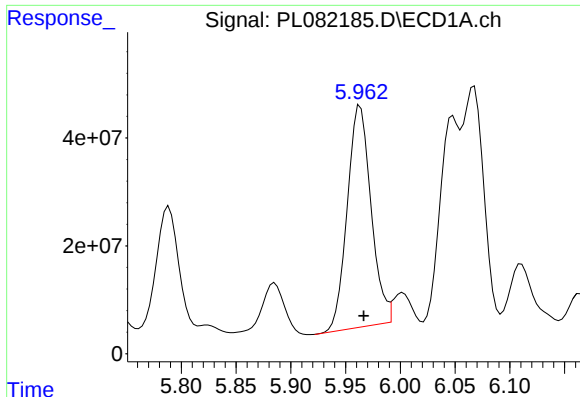
#11 alpha-Chlordane

R.T.: 5.789 min  
Delta R.T.: 0.000 min  
Response: 318732205  
Conc: 123.14 ng/ml



#11 alpha-Chlordane

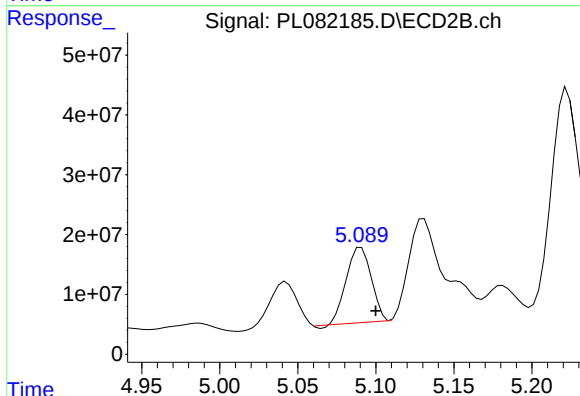
R.T.: 4.896 min  
Delta R.T.: -0.013 min  
Response: 378847068  
Conc: 155.97 ng/ml



#12 4,4'-DDE

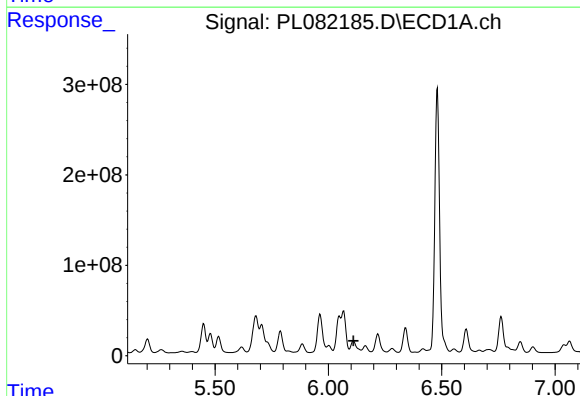
R.T.: 5.963 min  
Delta R.T.: -0.003 min  
Response: 621137404  
Conc: 275.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



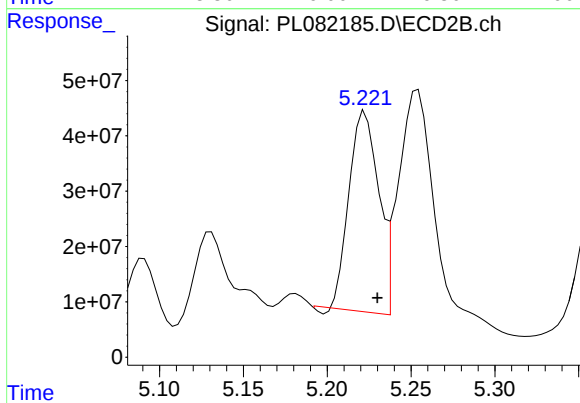
#12 4,4'-DDE

R.T.: 5.091 min  
Delta R.T.: -0.009 min  
Response: 139046513  
Conc: 70.59 ng/ml



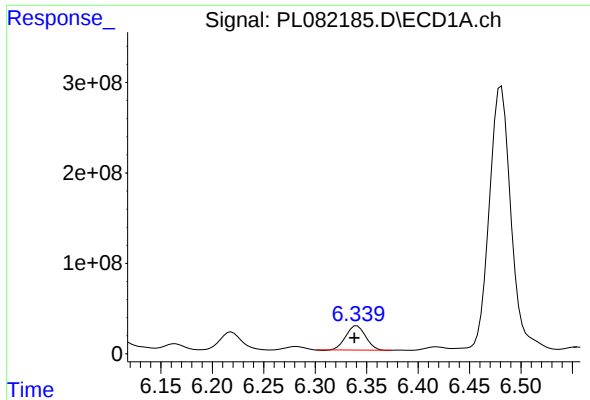
#13 Dieldrin

R.T.: 6.110 min  
Delta R.T.: 0.000 min  
Response: -147613259  
Conc: N.D.



#13 Dieldrin

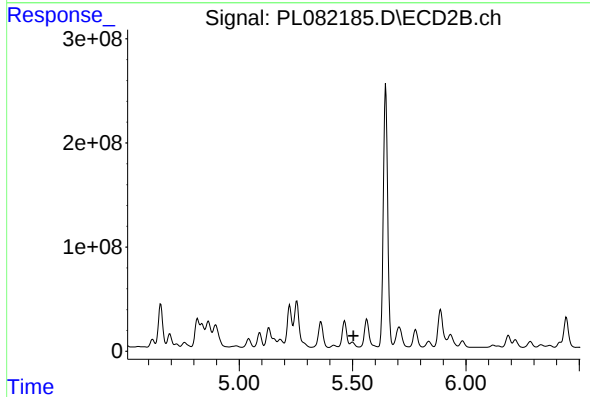
R.T.: 5.223 min  
Delta R.T.: -0.007 min  
Response: 440920587  
Conc: 196.01 ng/ml



#14 Endrin

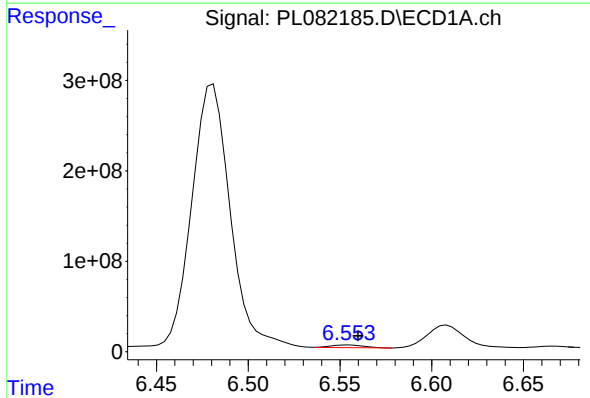
R.T.: 6.341 min  
Delta R.T.: 0.003 min  
Response: 355580902  
Conc: 168.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



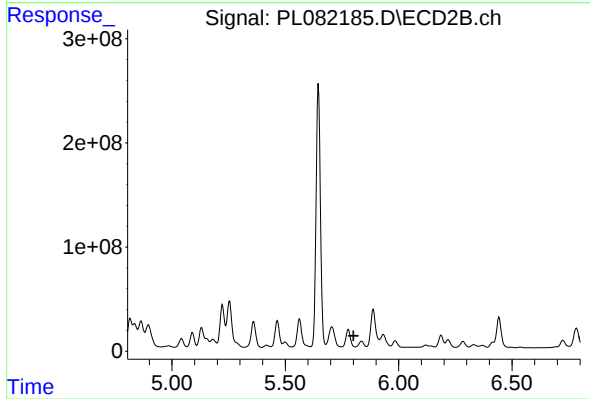
#14 Endrin

R.T.: 5.500 min  
Delta R.T.: -0.005 min  
Response: -163177271  
Conc: N.D.



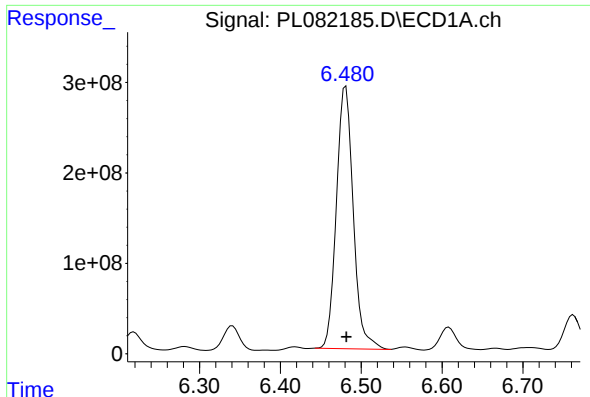
#15 Endosulfan II

R.T.: 6.555 min  
Delta R.T.: -0.005 min  
Response: 37242967  
Conc: 17.55 ng/ml



#15 Endosulfan II

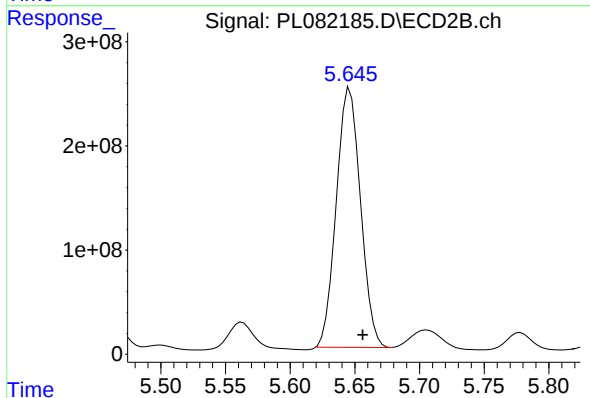
R.T.: 0.000 min  
Exp R.T. : 5.801 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

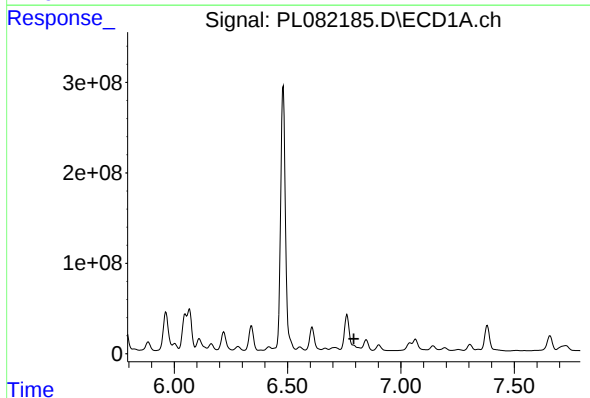
R.T.: 6.481 min  
Delta R.T.: 0.000 min  
Response: 4210779942  
Conc: 2334.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



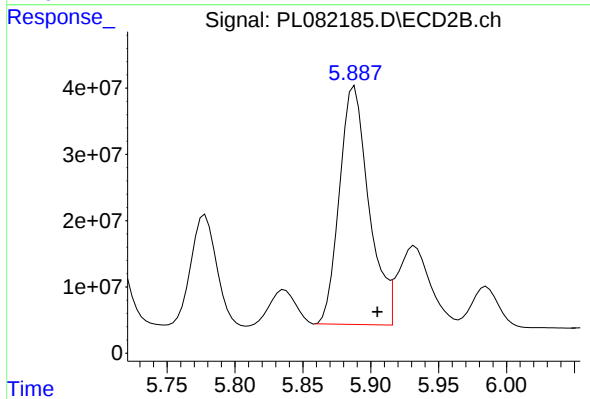
#16 4,4'-DDD

R.T.: 5.646 min  
Delta R.T.: -0.010 min  
Response: 3240420912  
Conc: 2135.32 ng/ml



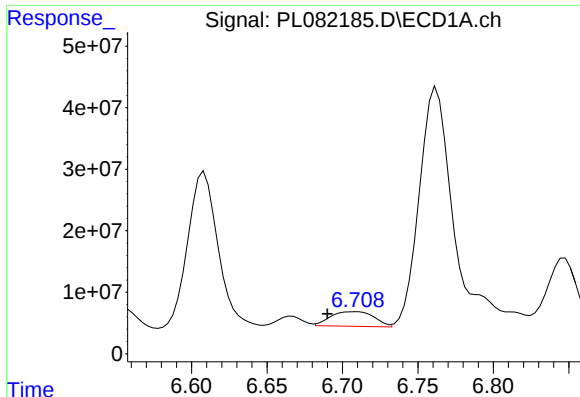
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.793 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

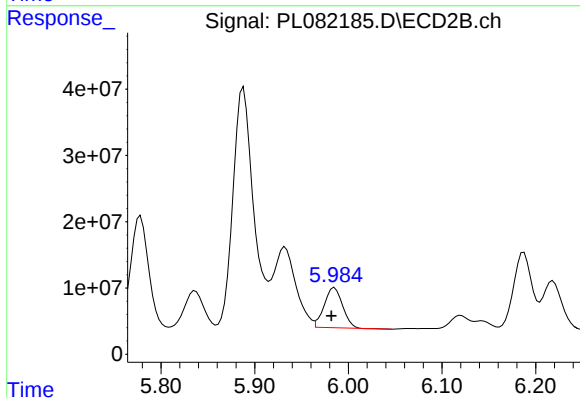
R.T.: 5.888 min  
Delta R.T.: -0.017 min  
Response: 541615593  
Conc: 314.30 ng/ml



#18 Endrin aldehyde

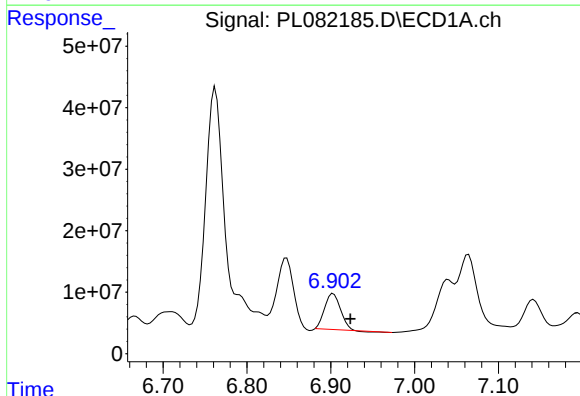
R.T.: 6.709 min  
Delta R.T.: 0.019 min  
Response: 47199402  
Conc: 28.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



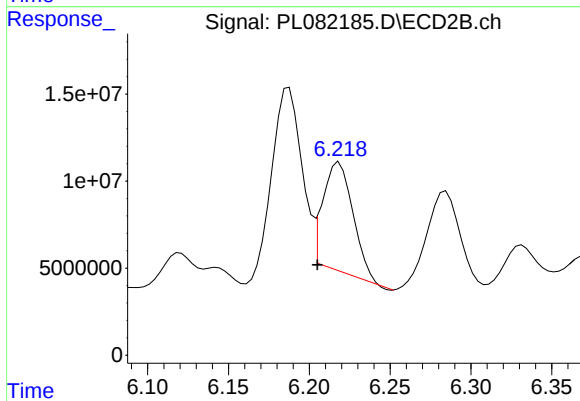
#18 Endrin aldehyde

R.T.: 5.985 min  
Delta R.T.: 0.003 min  
Response: 82411690  
Conc: 53.07 ng/ml



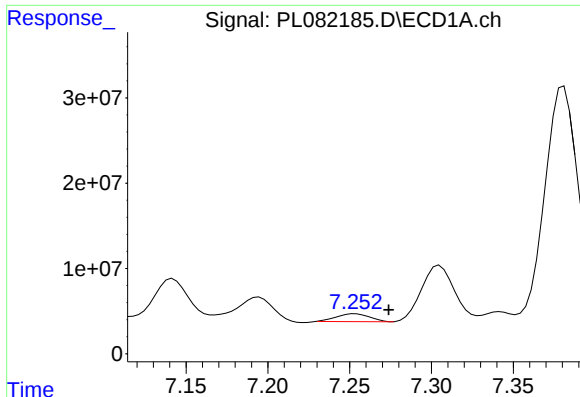
#19 Endosulfan Sulfate

R.T.: 6.903 min  
Delta R.T.: -0.021 min  
Response: 75724642  
Conc: 36.34 ng/ml



#19 Endosulfan Sulfate

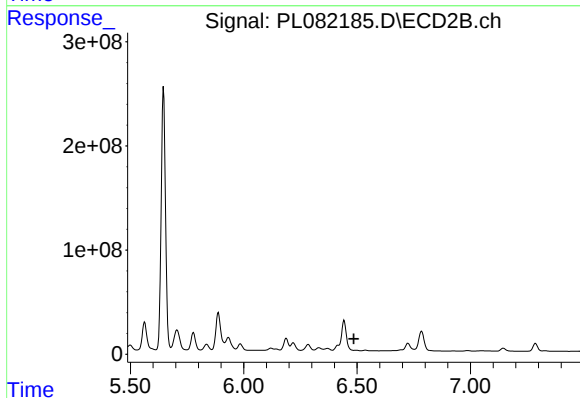
R.T.: 6.218 min  
Delta R.T.: 0.013 min  
Response: 80331482  
Conc: 41.29 ng/ml



#20 Methoxychlor

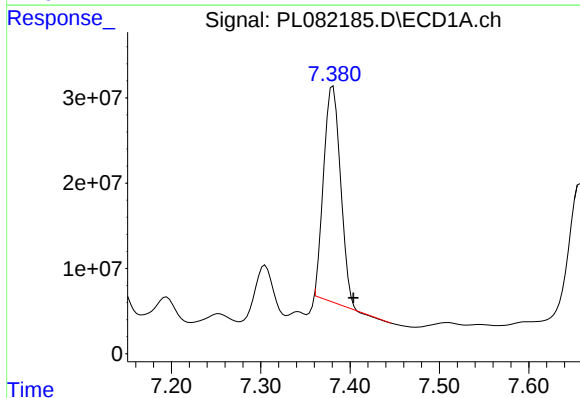
R.T.: 7.253 min  
Delta R.T.: -0.020 min  
Response: 13018899  
Conc: 12.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



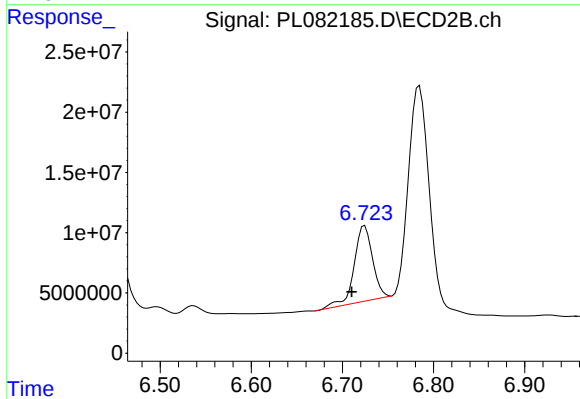
#20 Methoxychlor

R.T.: 6.497 min  
Delta R.T.: 0.012 min  
Response: -48302335  
Conc: N.D.



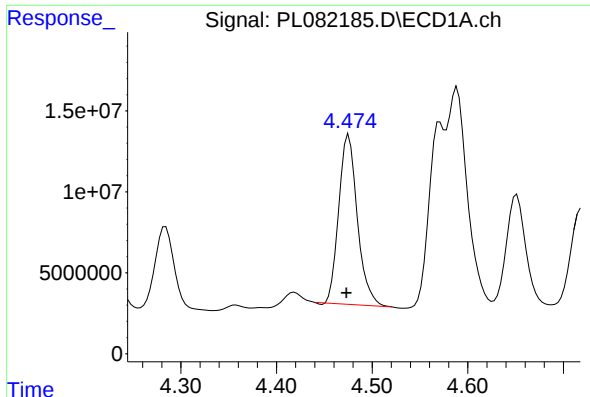
#21 Endrin ketone

R.T.: 7.381 min  
Delta R.T.: -0.023 min  
Response: 329444897  
Conc: 157.28 ng/ml



#21 Endrin ketone

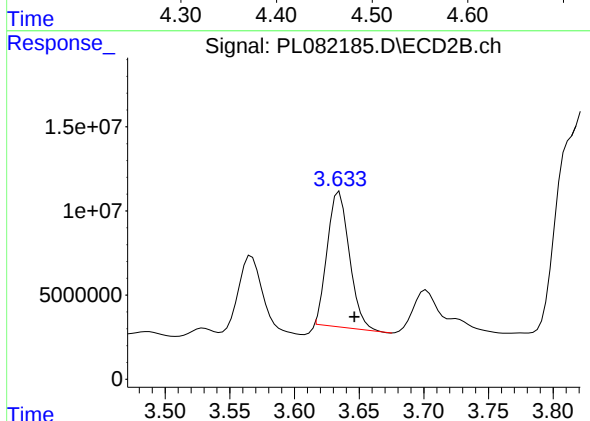
R.T.: 6.725 min  
Delta R.T.: 0.014 min  
Response: 87634803  
Conc: 41.01 ng/ml



#23 Chlordane-1

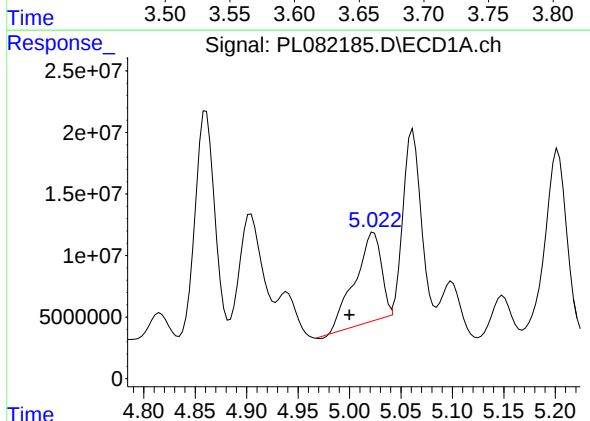
R.T.: 4.475 min  
Delta R.T.: 0.002 min  
Response: 141497967  
Conc: 1423.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



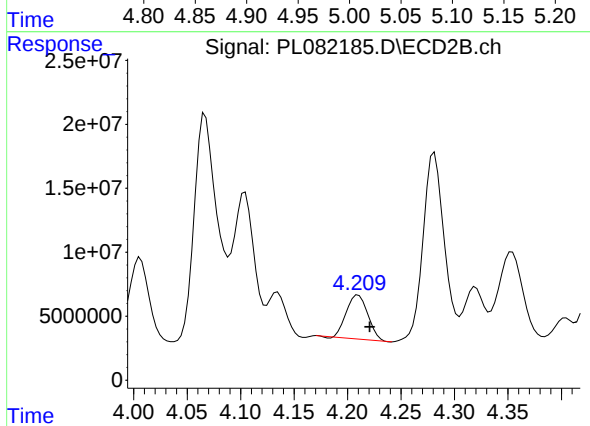
#23 Chlordane-1

R.T.: 3.635 min  
Delta R.T.: -0.012 min  
Response: 95300630  
Conc: 1237.27 ng/ml



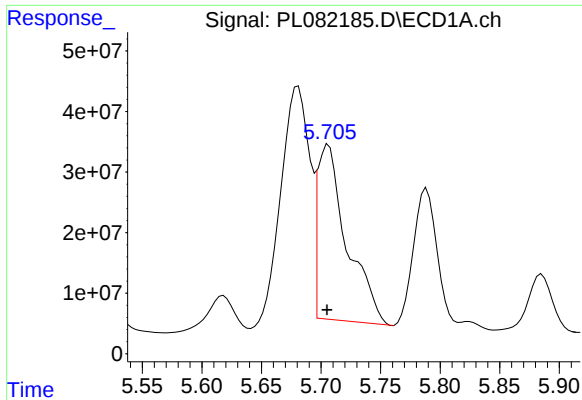
#24 Chlordane-2

R.T.: 5.024 min  
Delta R.T.: 0.024 min  
Response: 127815840  
Conc: 1228.10 ng/ml



#24 Chlordane-2

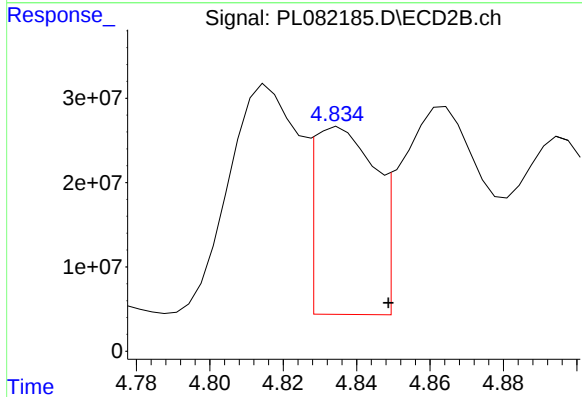
R.T.: 4.210 min  
Delta R.T.: -0.011 min  
Response: 48336530  
Conc: 517.42 ng/ml



#25 Chlordane-3

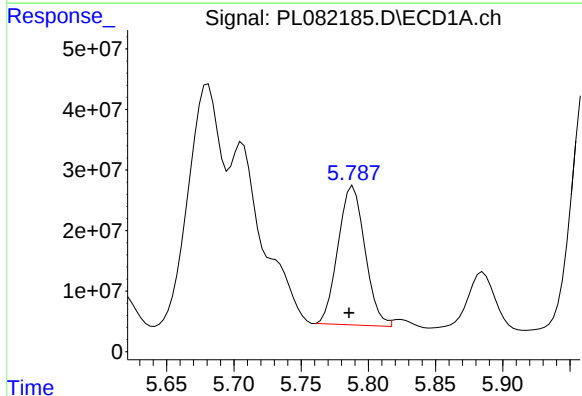
R.T.: 5.706 min  
Delta R.T.: 0.001 min  
Response: 493685356  
Conc: 1246.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



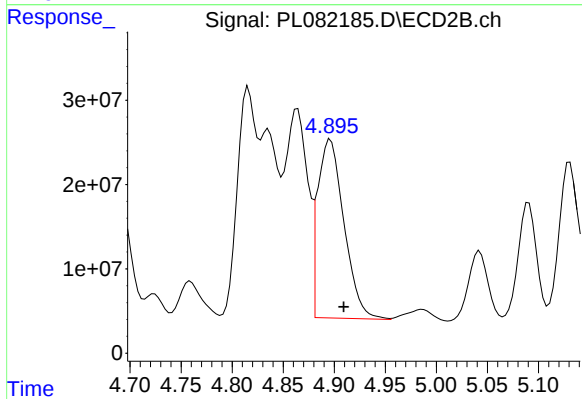
#25 Chlordane-3

R.T.: 4.835 min  
Delta R.T.: -0.013 min  
Response: 255814064  
Conc: 1015.66 ng/ml



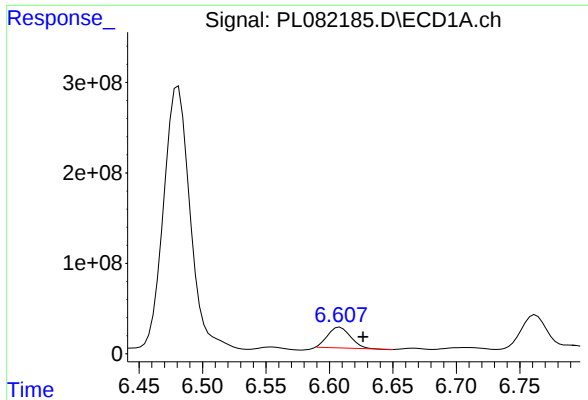
#26 Chlordane-4

R.T.: 5.789 min  
Delta R.T.: 0.003 min  
Response: 318732205  
Conc: 666.02 ng/ml



#26 Chlordane-4

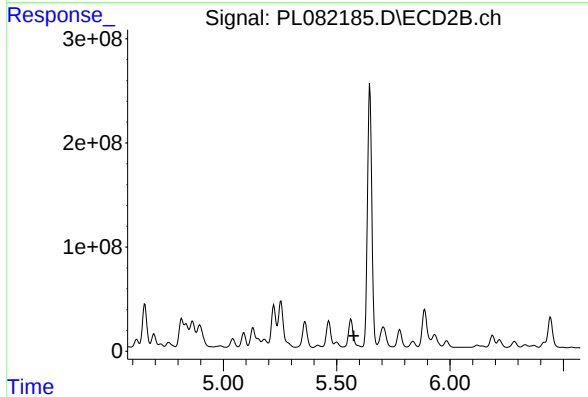
R.T.: 4.896 min  
Delta R.T.: -0.013 min  
Response: 378847068  
Conc: 1446.35 ng/ml



#27 Chlordane-5

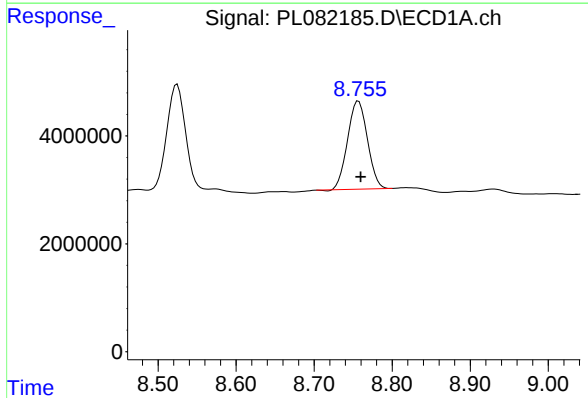
R.T.: 6.608 min  
Delta R.T.: -0.018 min  
Response: 283378004  
Conc: 3337.16 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



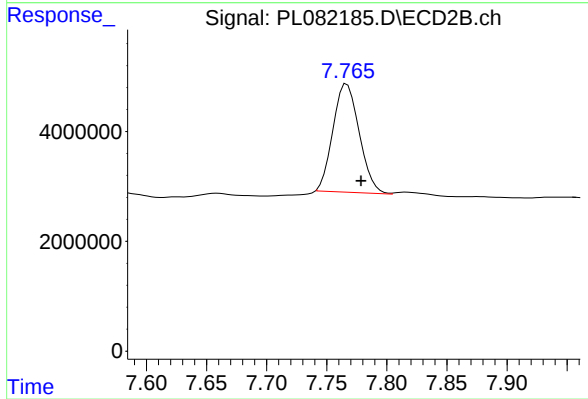
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.757 min  
Delta R.T.: -0.003 min  
Response: 28852832  
Conc: 16.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.767 min  
Delta R.T.: -0.012 min  
Response: 30077019  
Conc: 15.17 ng/ml