

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032323\  
 Data File : PL081685.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Mar 2023 18:12  
 Operator : AR\AJ  
 Sample : 01950-09 10X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 24 03:08:32 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... | 3.328  | 2.658  | 6436078  | 4733530  | 2.767    | 2.371     |
| 28)                         | SA Decachlor... | 8.751  | 7.777  | 3793753  | 4766482  | 2.120    | 2.403     |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.779  | 3.158  | 202.0E6  | 169.2E6  | 58.921   | 58.036    |
| 3)                          | MA gamma-BHC... | 4.107  | 3.486  | 575.3E6  | 500.3E6  | 181.087  | 179.704   |
| 4)                          | MA Heptachlor   | 4.686  | 3.819  | 115.1E6  | 109.9E6  | 36.514   | 38.323    |
| 5)                          | MB Aldrin       | 5.023  | 4.096  | 148.3E6  | 137.0E6  | 51.837   | 51.419    |
| 6)                          | B beta-BHC      | 4.309  | 3.784  | 250.2E6  | 212.2E6  | 166.205  | 178.207   |
| 7)                          | B delta-BHC     | 4.551  | 4.012  | 267.4E6  | 232.1E6  | 87.967   | 89.749    |
| 8)                          | B Heptachlo...  | 5.449  | 4.598  | 237.1E6  | 219.2E6  | 87.160   | 90.271    |
| 9)                          | A Endosulfan I  | 5.830  | 4.966  | 273.5E6  | 266.3E6  | 110.706  | 120.617   |
| 10)                         | B gamma-Chl...  | 5.704  | 4.846  | 35570016 | 33110223 | 13.549   | 13.623    |
| 11)                         | B alpha-Chl...  | 5.782  | 4.910  | 76465115 | 73552272 | 29.541   | 30.282    |
| 12)                         | B 4,4'-DDE      | 5.960  | 5.101  | 181.6E6  | 169.9E6  | 80.587   | 86.266    |
| 13)                         | MA Dieldrin     | 6.105  | 5.230  | 230.6E6  | 227.9E6  | 95.234   | 101.296   |
| 14)                         | MA Endrin       | 6.331  | 5.505  | 309.5E6  | 305.0E6  | 146.313  | 150.706   |
| 15)                         | B Endosulfa...  | 6.554  | 5.801  | 229.1E6  | 218.4E6  | 107.960  | 120.412   |
| 16)                         | A 4,4'-DDD      | 6.475  | 5.655  | 62310620 | 55842299 | 34.550   | 36.798    |
| 17)                         | MA 4,4'-DDT     | 6.786  | 5.904  | 59683270 | 54268669 | 29.406   | 31.492    |
| 18)                         | B Endrin al...  | 6.684  | 5.981  | 300.1E6  | 287.8E6  | 183.440  | 185.300   |
| 19)                         | B Endosulfa...  | 6.917  | 6.204  | 230.4E6  | 221.0E6  | 110.538  | 113.607   |
| 20)                         | A Methoxychlor  | 7.267  | 6.484  | 82127935 | 82742241 | 76.264   | 83.071    |
| 21)                         | B Endrin ke...  | 7.397  | 6.709  | 407.3E6  | 434.2E6  | 194.461  | 203.186   |
| 24)                         | Chlordane-2     | 5.023f | 4.246f | 148.3E6  | 2876774  | 1424.624 | 30.795 #  |
| 25)                         | Chlordane-3     | 5.704  | 4.846  | 35570016 | 33110223 | 89.798   | 131.457 # |
| 26)                         | Chlordane-4     | 5.782  | 4.910  | 76465115 | 73552272 | 159.782  | 280.806 # |
| 27)                         | Chlordane-5     | 6.606f | 0.000  | 627697   | 0        | 7.392    | N.D. #    |
| -----                       |                 |        |        |          |          |          |           |

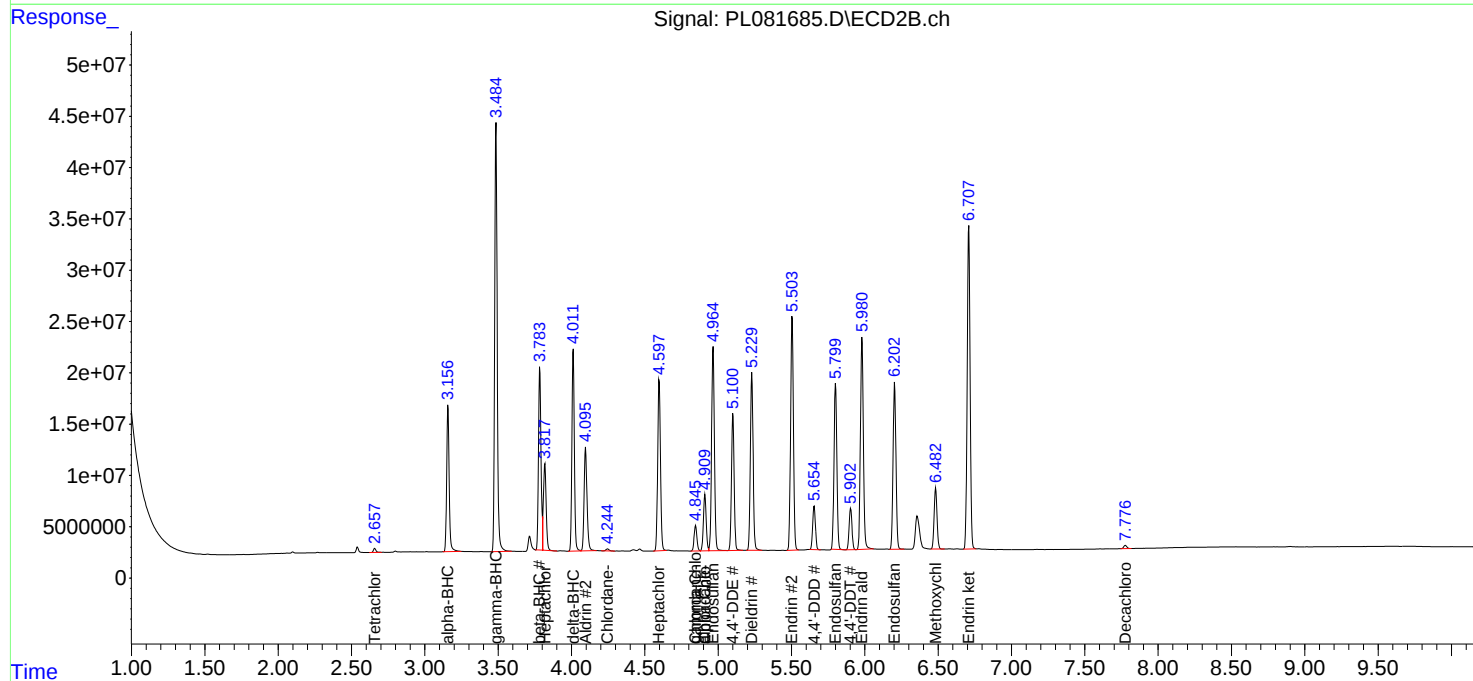
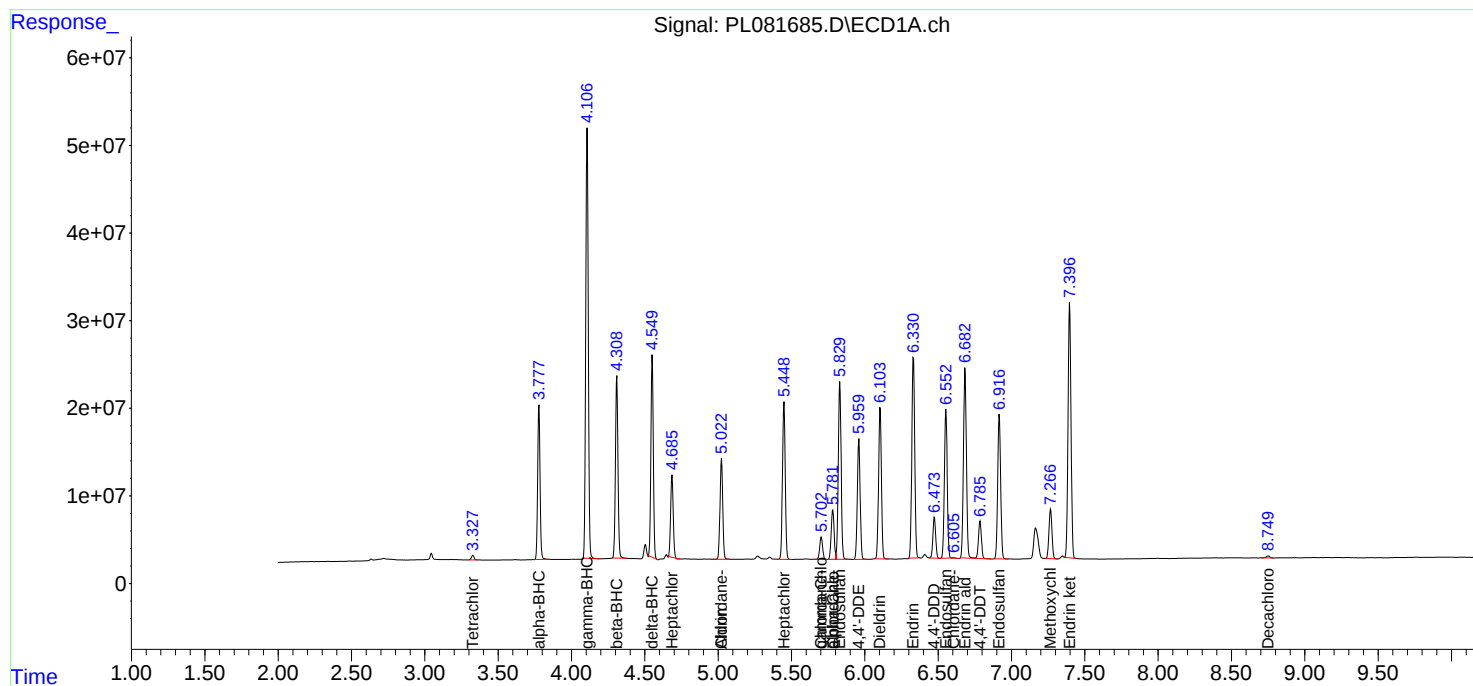
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

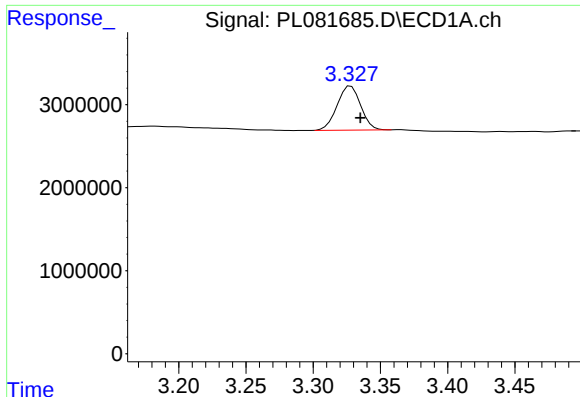
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032323\  
Data File : PL081685.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Mar 2023 18:12  
Operator : AR\AJ  
Sample : 01950-09 10X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 24 03:08:32 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

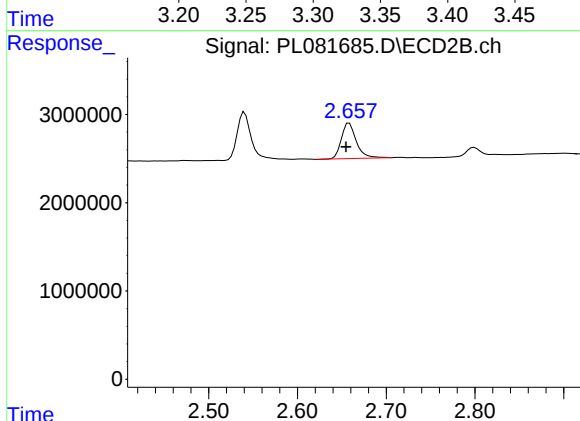




#1 Tetrachloro-m-xylene

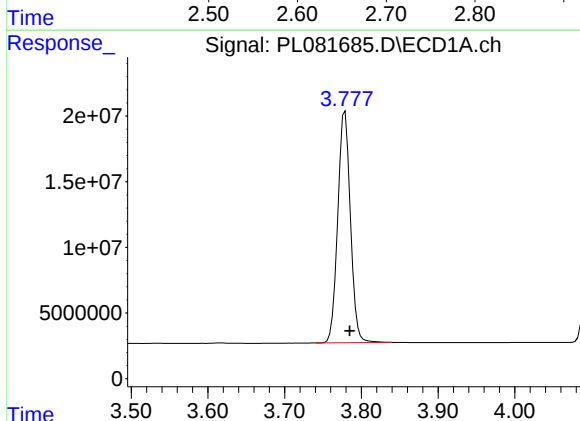
R.T.: 3.328 min  
Delta R.T.: -0.007 min  
Response: 6436078  
Conc: 2.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



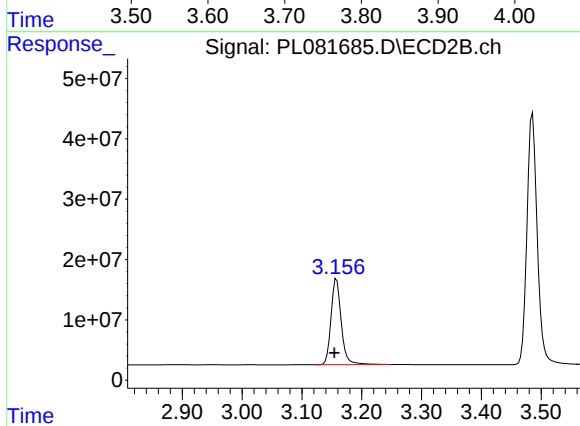
#1 Tetrachloro-m-xylene

R.T.: 2.658 min  
Delta R.T.: 0.004 min  
Response: 4733530  
Conc: 2.37 ng/ml



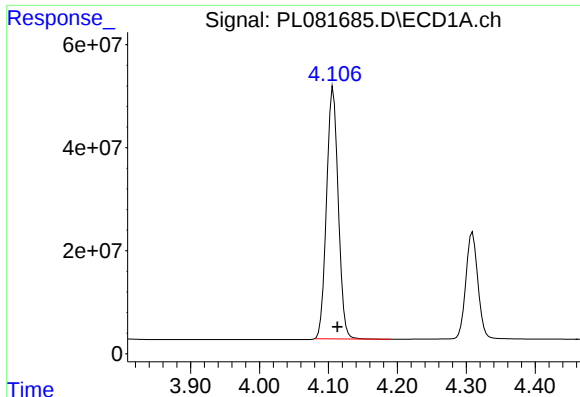
#2 alpha-BHC

R.T.: 3.779 min  
Delta R.T.: -0.006 min  
Response: 202004880  
Conc: 58.92 ng/ml



#2 alpha-BHC

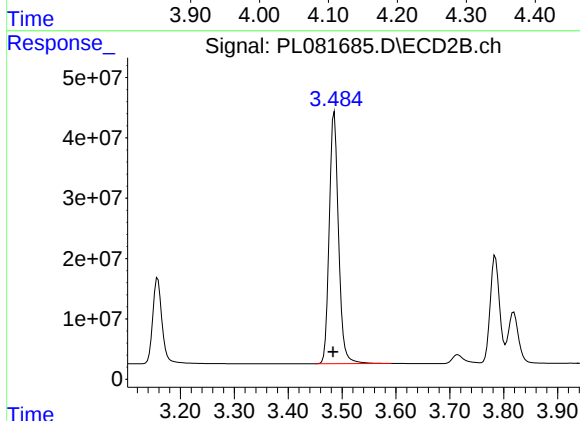
R.T.: 3.158 min  
Delta R.T.: 0.003 min  
Response: 169174483  
Conc: 58.04 ng/ml



#3 gamma-BHC (Lindane)

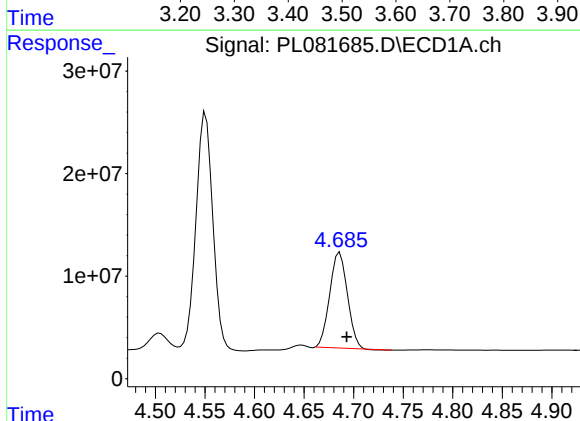
R.T.: 4.107 min  
Delta R.T.: -0.006 min  
Response: 575283368  
Conc: 181.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



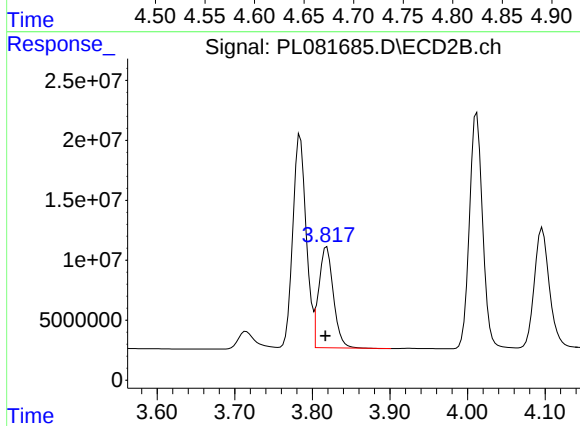
#3 gamma-BHC (Lindane)

R.T.: 3.486 min  
Delta R.T.: 0.003 min  
Response: 500335010  
Conc: 179.70 ng/ml



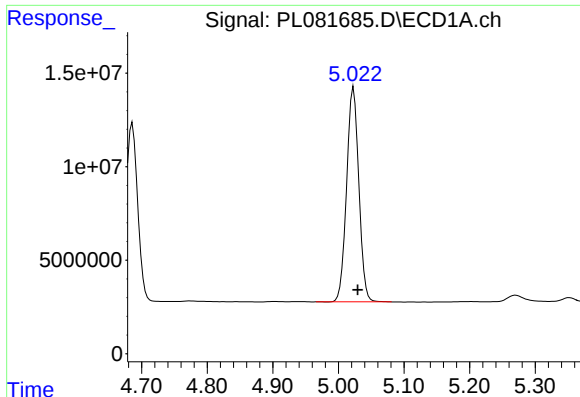
#4 Heptachlor

R.T.: 4.686 min  
Delta R.T.: -0.007 min  
Response: 115097995  
Conc: 36.51 ng/ml



#4 Heptachlor

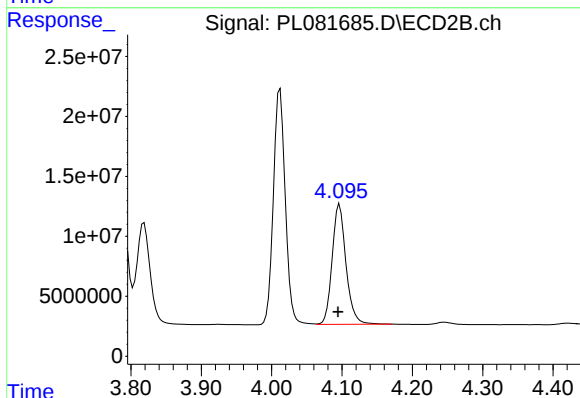
R.T.: 3.819 min  
Delta R.T.: 0.002 min  
Response: 109871655  
Conc: 38.32 ng/ml



#5 Aldrin

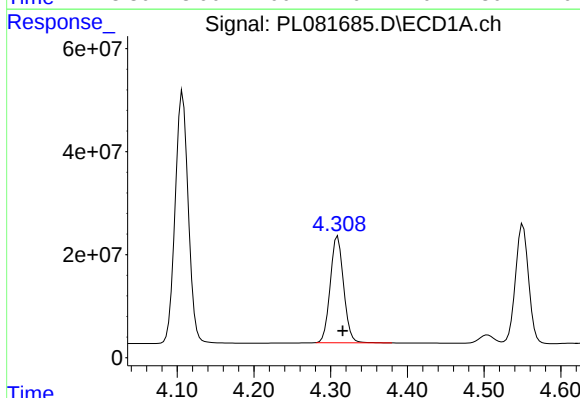
R.T.: 5.023 min  
Delta R.T.: -0.007 min  
Response: 148269107  
Conc: 51.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



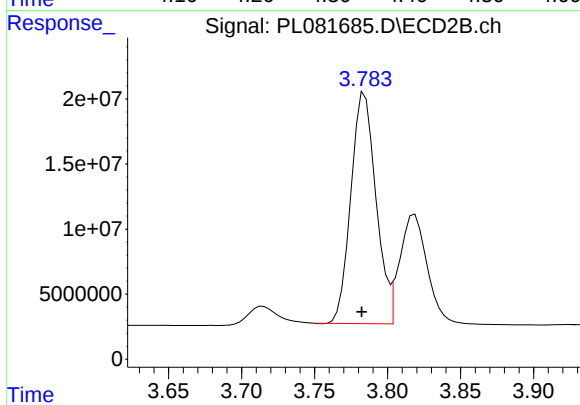
#5 Aldrin

R.T.: 4.096 min  
Delta R.T.: 0.002 min  
Response: 137003283  
Conc: 51.42 ng/ml



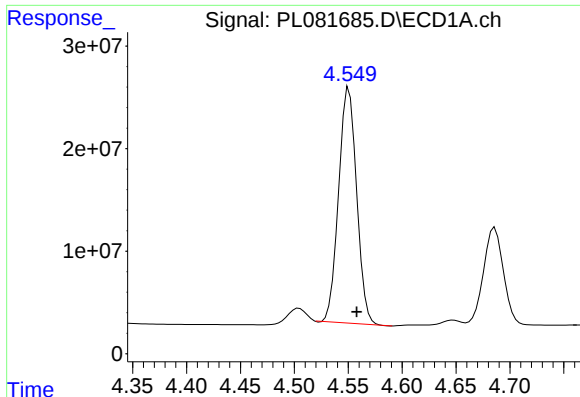
#6 beta-BHC

R.T.: 4.309 min  
Delta R.T.: -0.007 min  
Response: 250151906  
Conc: 166.20 ng/ml



#6 beta-BHC

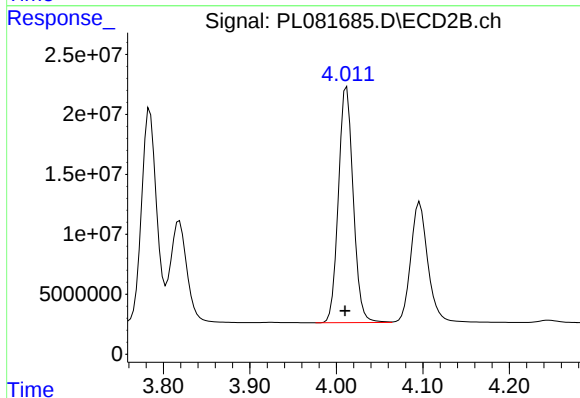
R.T.: 3.784 min  
Delta R.T.: 0.002 min  
Response: 212242361  
Conc: 178.21 ng/ml



#7 delta-BHC

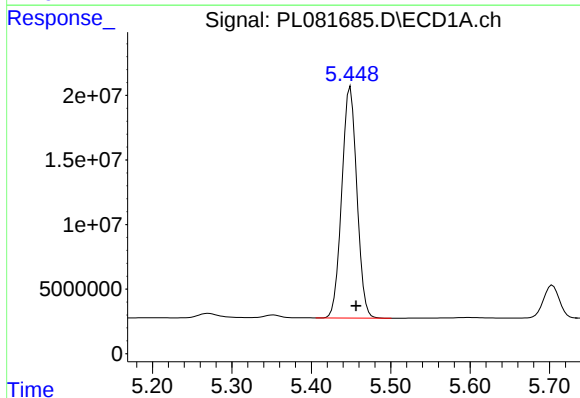
R.T.: 4.551 min  
Delta R.T.: -0.007 min  
Response: 267350031  
Conc: 87.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



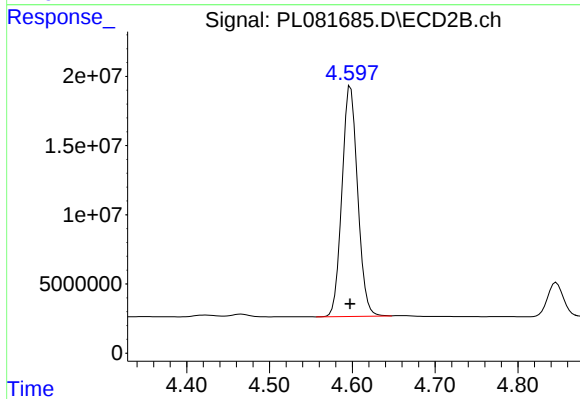
#7 delta-BHC

R.T.: 4.012 min  
Delta R.T.: 0.002 min  
Response: 232100104  
Conc: 89.75 ng/ml



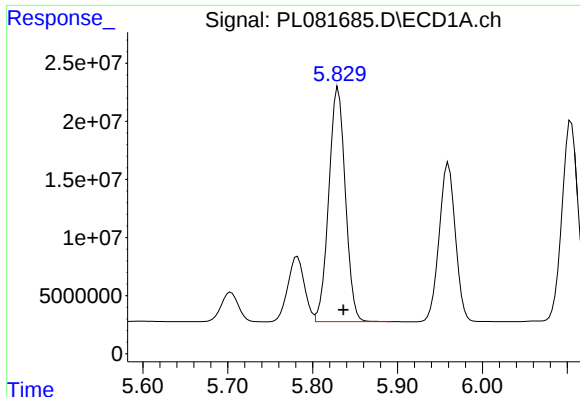
#8 Heptachlor epoxide

R.T.: 5.449 min  
Delta R.T.: -0.007 min  
Response: 237076856  
Conc: 87.16 ng/ml



#8 Heptachlor epoxide

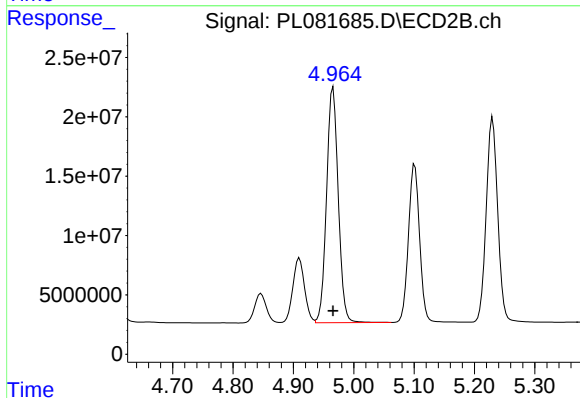
R.T.: 4.598 min  
Delta R.T.: 0.000 min  
Response: 219245756  
Conc: 90.27 ng/ml



#9 Endosulfan I

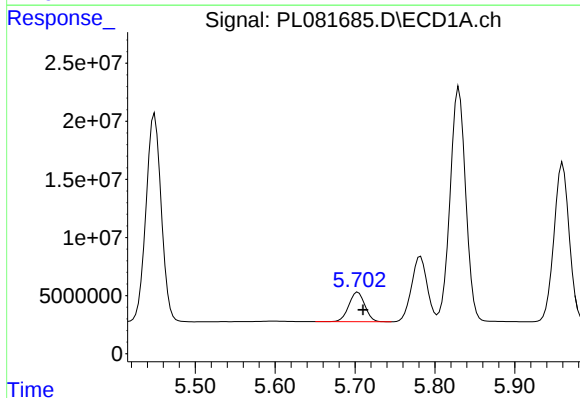
R.T.: 5.830 min  
Delta R.T.: -0.006 min  
Response: 273535670  
Conc: 110.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



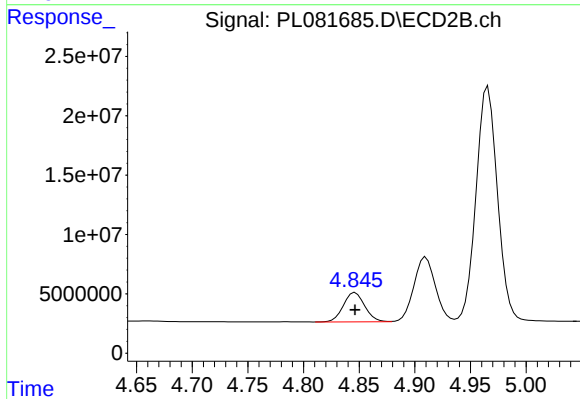
#9 Endosulfan I

R.T.: 4.966 min  
Delta R.T.: 0.000 min  
Response: 266290127  
Conc: 120.62 ng/ml



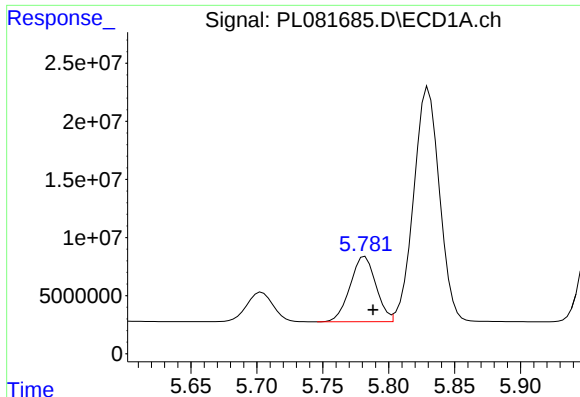
#10 gamma-Chlordane

R.T.: 5.704 min  
Delta R.T.: -0.007 min  
Response: 35570016  
Conc: 13.55 ng/ml



#10 gamma-Chlordane

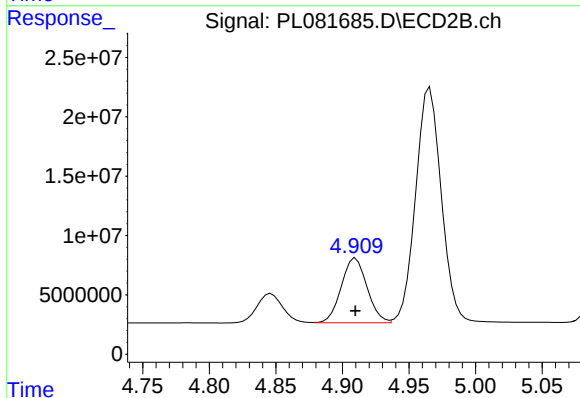
R.T.: 4.846 min  
Delta R.T.: 0.000 min  
Response: 33110223  
Conc: 13.62 ng/ml



#11 alpha-Chlordane

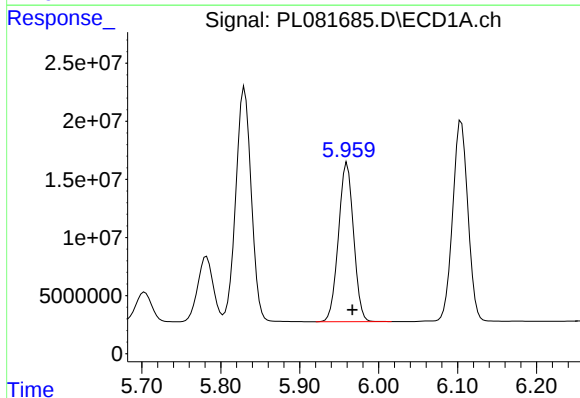
R.T.: 5.782 min  
Delta R.T.: -0.006 min  
Response: 76465115  
Conc: 29.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



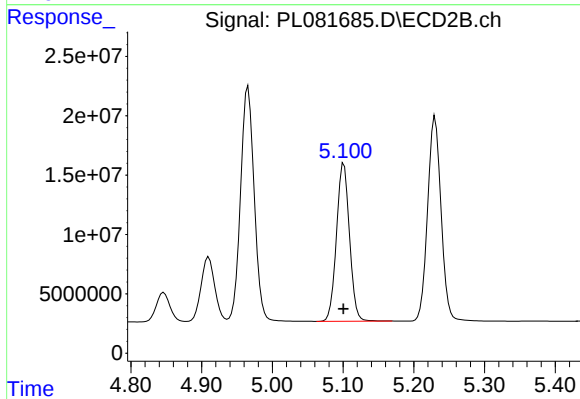
#11 alpha-Chlordane

R.T.: 4.910 min  
Delta R.T.: 0.000 min  
Response: 73552272  
Conc: 30.28 ng/ml



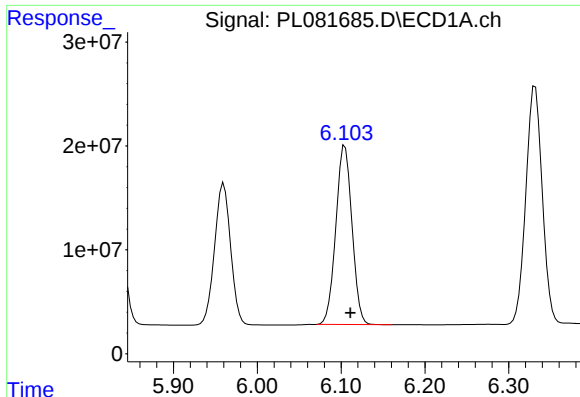
#12 4,4'-DDE

R.T.: 5.960 min  
Delta R.T.: -0.007 min  
Response: 181614934  
Conc: 80.59 ng/ml



#12 4,4'-DDE

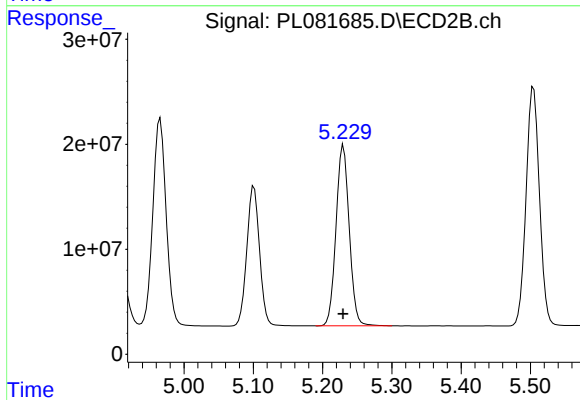
R.T.: 5.101 min  
Delta R.T.: 0.000 min  
Response: 169926498  
Conc: 86.27 ng/ml



#13 Dieldrin

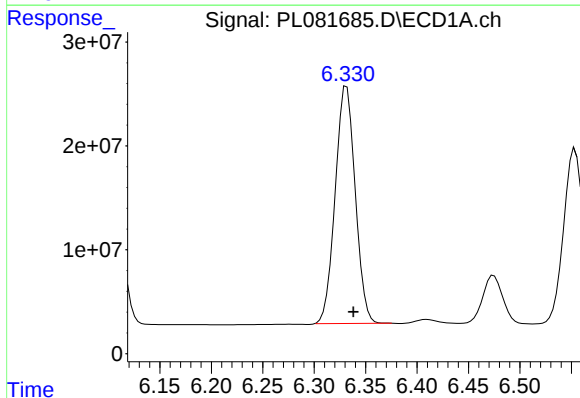
R.T.: 6.105 min  
Delta R.T.: -0.006 min  
Response: 230556060  
Conc: 95.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



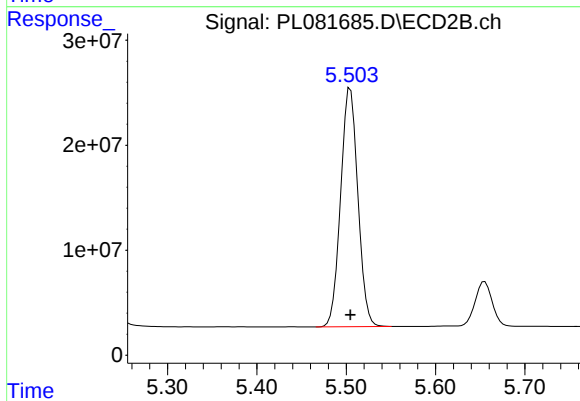
#13 Dieldrin

R.T.: 5.230 min  
Delta R.T.: 0.000 min  
Response: 227857963  
Conc: 101.30 ng/ml



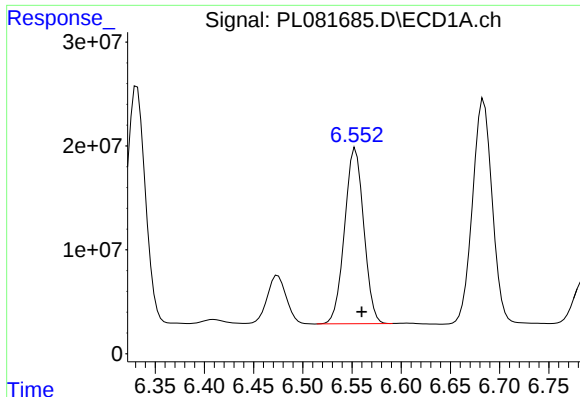
#14 Endrin

R.T.: 6.331 min  
Delta R.T.: -0.007 min  
Response: 309484522  
Conc: 146.31 ng/ml



#14 Endrin

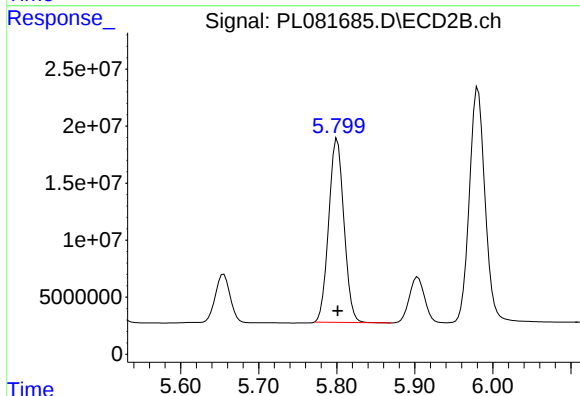
R.T.: 5.505 min  
Delta R.T.: 0.000 min  
Response: 304986456  
Conc: 150.71 ng/ml



#15 Endosulfan II

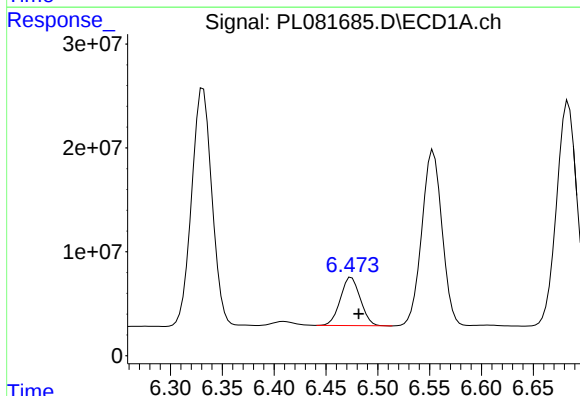
R.T.: 6.554 min  
Delta R.T.: -0.006 min  
Response: 229102892  
Conc: 107.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



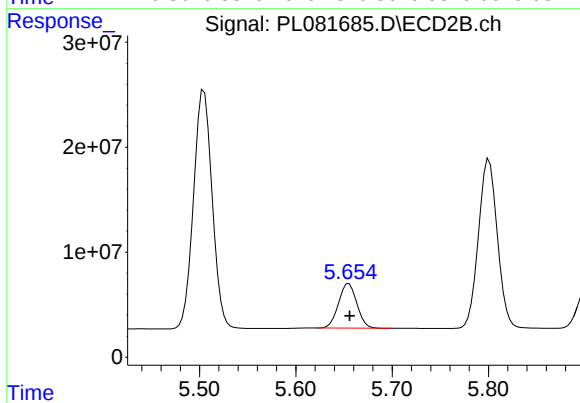
#15 Endosulfan II

R.T.: 5.801 min  
Delta R.T.: 0.000 min  
Response: 218432202  
Conc: 120.41 ng/ml



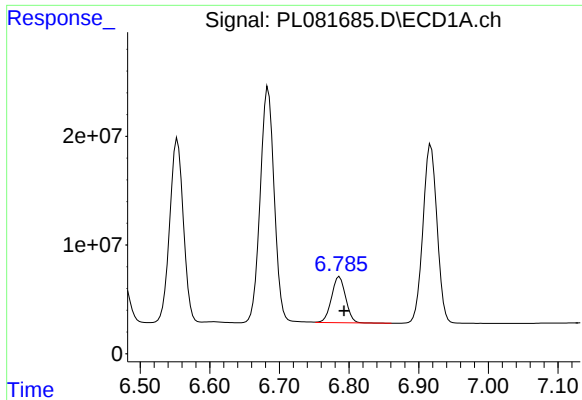
#16 4,4'-DDD

R.T.: 6.475 min  
Delta R.T.: -0.007 min  
Response: 62310620  
Conc: 34.55 ng/ml



#16 4,4'-DDD

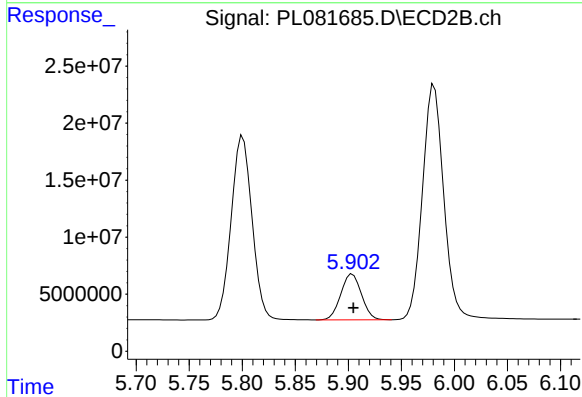
R.T.: 5.655 min  
Delta R.T.: 0.000 min  
Response: 55842299  
Conc: 36.80 ng/ml



#17 4,4'-DDT

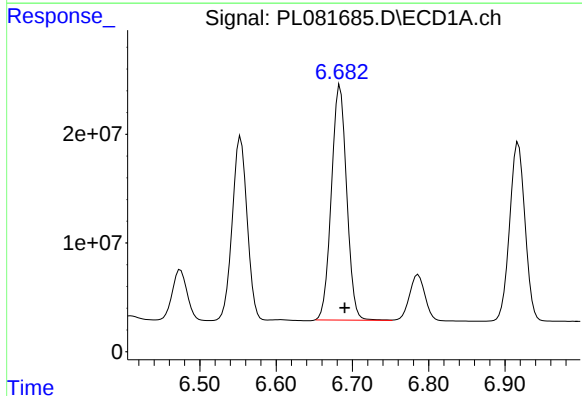
R.T.: 6.786 min  
Delta R.T.: -0.007 min  
Response: 59683270  
Conc: 29.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



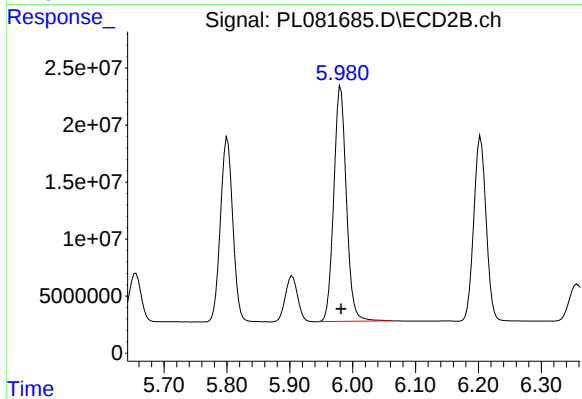
#17 4,4'-DDT

R.T.: 5.904 min  
Delta R.T.: -0.001 min  
Response: 54268669  
Conc: 31.49 ng/ml



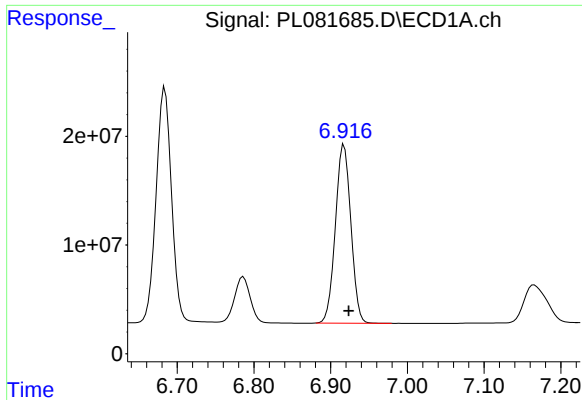
#18 Endrin aldehyde

R.T.: 6.684 min  
Delta R.T.: -0.006 min  
Response: 300128072  
Conc: 183.44 ng/ml



#18 Endrin aldehyde

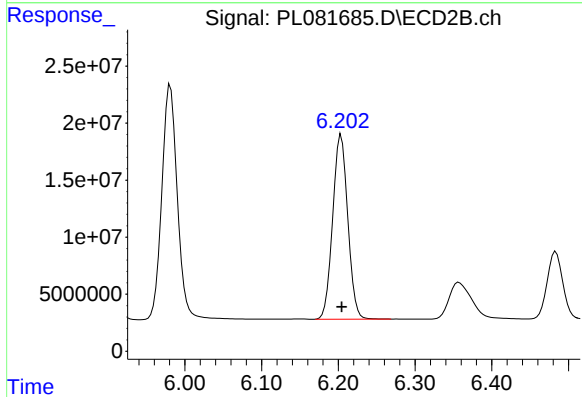
R.T.: 5.981 min  
Delta R.T.: 0.000 min  
Response: 287767831  
Conc: 185.30 ng/ml



#19 Endosulfan Sulfate

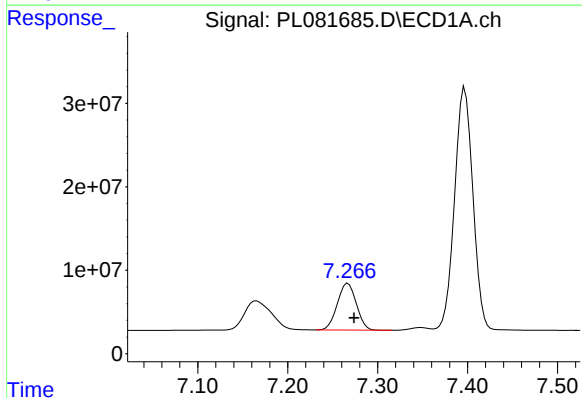
R.T.: 6.917 min  
Delta R.T.: -0.006 min  
Response: 230366068  
Conc: 110.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



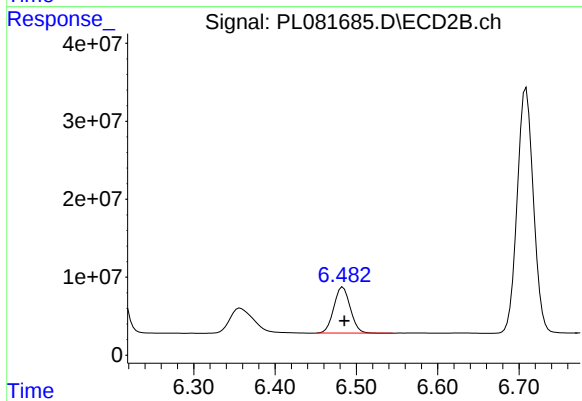
#19 Endosulfan Sulfate

R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 221043728  
Conc: 113.61 ng/ml



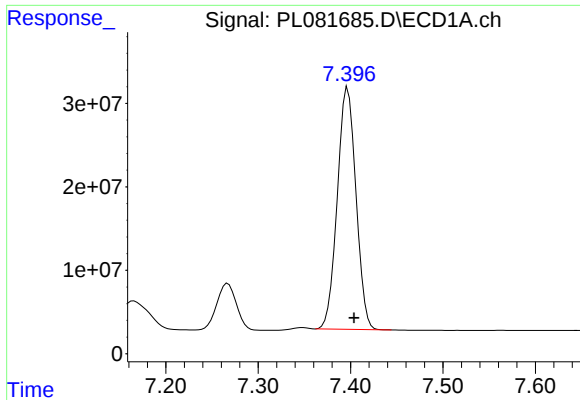
#20 Methoxychlor

R.T.: 7.267 min  
Delta R.T.: -0.007 min  
Response: 82127935  
Conc: 76.26 ng/ml



#20 Methoxychlor

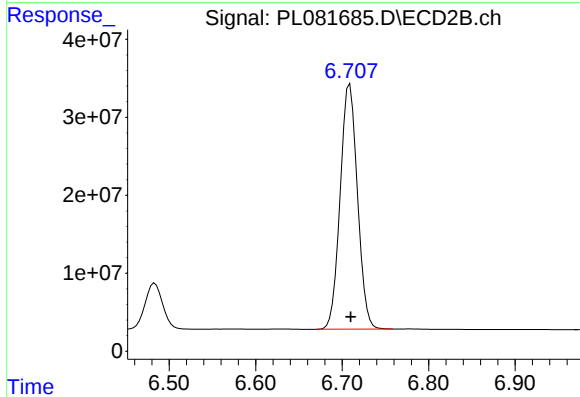
R.T.: 6.484 min  
Delta R.T.: -0.002 min  
Response: 82742241  
Conc: 83.07 ng/ml



#21 Endrin ketone

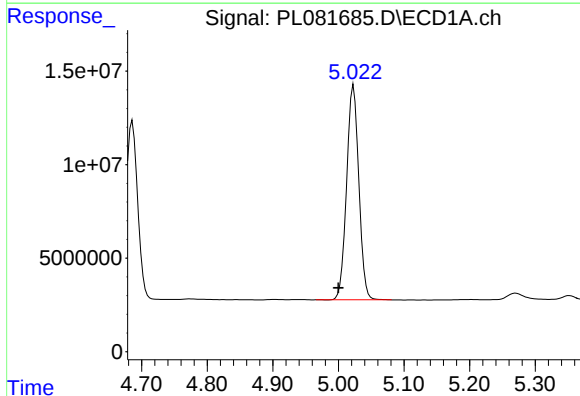
R.T.: 7.397 min  
Delta R.T.: -0.007 min  
Response: 407332306  
Conc: 194.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



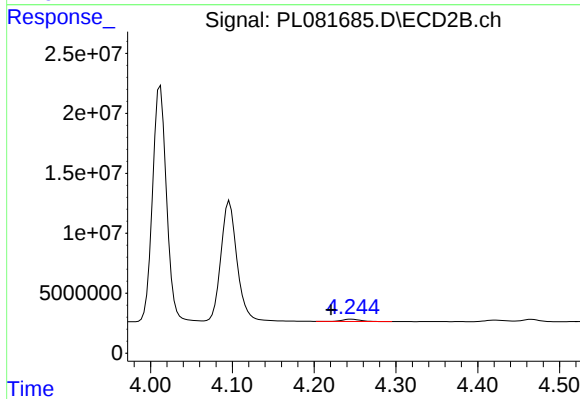
#21 Endrin ketone

R.T.: 6.709 min  
Delta R.T.: -0.001 min  
Response: 434206712  
Conc: 203.19 ng/ml



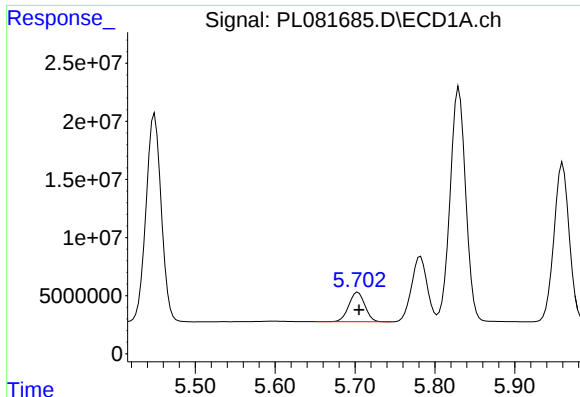
#24 Chlordane-2

R.T.: 5.023 min  
Delta R.T.: 0.023 min  
Response: 148269107  
Conc: 1424.62 ng/ml



#24 Chlordane-2

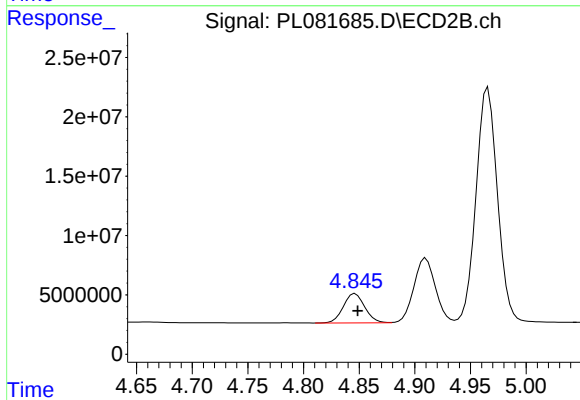
R.T.: 4.246 min  
Delta R.T.: 0.025 min  
Response: 2876774  
Conc: 30.79 ng/ml



#25 Chlordane-3

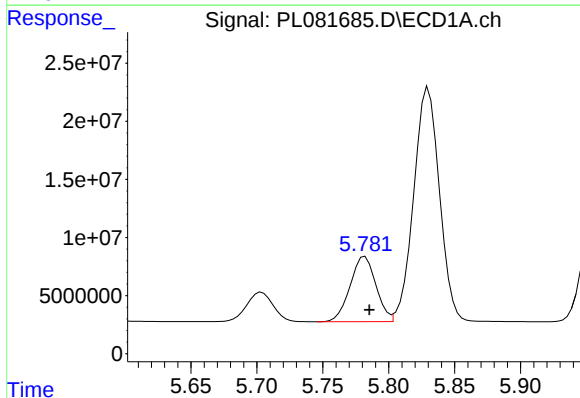
R.T.: 5.704 min  
Delta R.T.: -0.001 min  
Response: 35570016  
Conc: 89.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



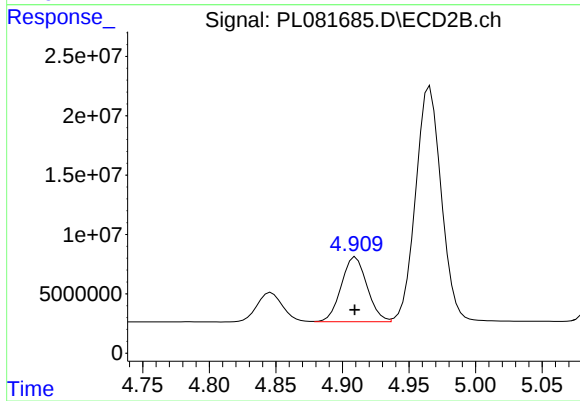
#25 Chlordane-3

R.T.: 4.846 min  
Delta R.T.: -0.002 min  
Response: 33110223  
Conc: 131.46 ng/ml



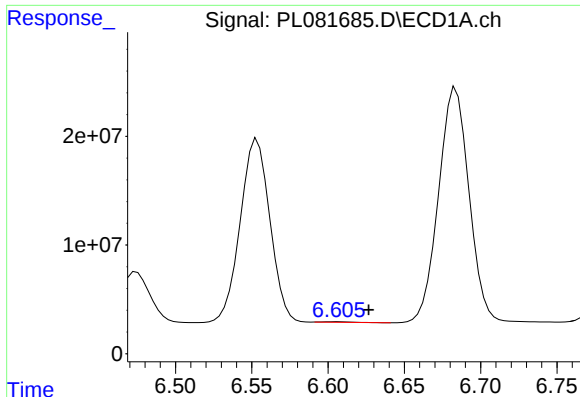
#26 Chlordane-4

R.T.: 5.782 min  
Delta R.T.: -0.003 min  
Response: 76465115  
Conc: 159.78 ng/ml



#26 Chlordane-4

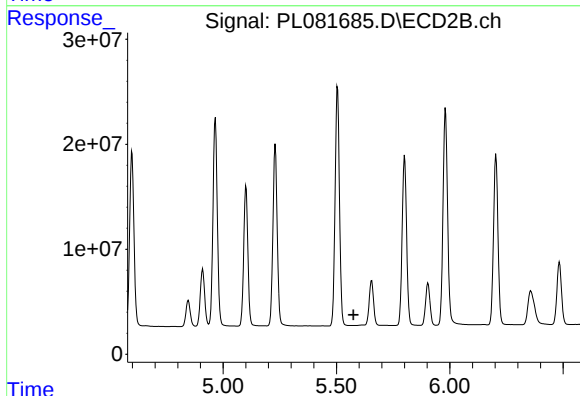
R.T.: 4.910 min  
Delta R.T.: 0.000 min  
Response: 73552272  
Conc: 280.81 ng/ml



#27 Chlordane-5

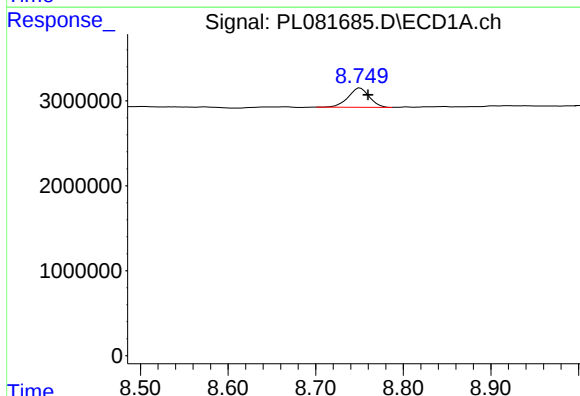
R.T.: 6.606 min  
Delta R.T.: -0.020 min  
Response: 627697  
Conc: 7.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



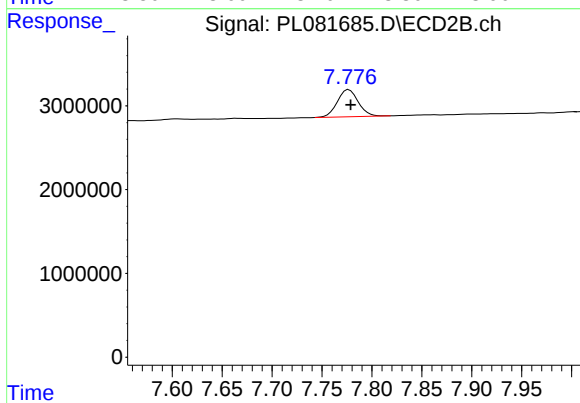
#27 Chlordane-5

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: 3793753  
Conc: 2.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.777 min  
Delta R.T.: -0.002 min  
Response: 4766482  
Conc: 2.40 ng/ml