

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042123\  
 Data File : PL082246.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Apr 2023 14:56  
 Operator : AR\AJ  
 Sample : 02427-13MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 21 21:47:42 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.325  | 2.649  | 39184044 | 31612096 | 14.669   | 13.645     |
| 28)                         | SA Decachlor... | 8.744  | 7.762  | 19734238 | 21370872 | 10.337   | 9.363      |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.774  | 3.148  | 171.3E6  | 137.1E6  | 43.038   | 40.271     |
| 3)                          | MA gamma-BHC... | 4.103  | 3.475  | 166.3E6  | 137.4E6  | 44.465   | 42.743     |
| 4)                          | MA Heptachlor   | 4.681  | 3.807  | 163.6E6  | 131.9E6  | 44.784   | 38.525     |
| 5)                          | MB Aldrin       | 5.019  | 4.084  | 146.9E6  | 145.7E6  | 44.537   | 46.261     |
| 6)                          | B beta-BHC      | 4.306  | 3.775  | 71845563 | 55345904 | 42.126   | 40.564     |
| 7)                          | B delta-BHC     | 4.548  | 4.001  | 161.2E6  | 125.4E6  | 44.815   | 40.869     |
| 8)                          | B Heptachlo...  | 5.445  | 4.586  | 131.1E6  | 120.4E6  | 42.971   | 41.777     |
| 9)                          | A Endosulfan I  | 5.824  | 4.953  | 133.6E6  | 110.2E6  | 48.173   | 41.287     |
| 10)                         | B gamma-Chl...  | 5.699  | 4.835  | 135.8E6  | 122.5E6  | 45.159   | 42.205     |
| 11)                         | B alpha-Chl...  | 5.777  | 4.897  | 127.1E6  | 123.7E6  | 42.574   | 42.615     |
| 12)                         | B 4,4'-DDE      | 5.955  | 5.088  | 112.4E6  | 99140358 | 44.219   | 43.124     |
| 13)                         | MA Dieldrin     | 6.099  | 5.218  | 124.2E6  | 117.7E6  | 45.029   | 43.578     |
| 14)                         | MA Endrin       | 6.326  | 5.492  | 109.6E6  | 104.5E6  | 45.214   | 42.709     |
| 15)                         | B Endosulfa...  | 6.548  | 5.788  | 104.1E6  | 101.8E6  | 42.767   | 45.177     |
| 16)                         | A 4,4'-DDD      | 6.471  | 5.643  | 92263475 | 80542122 | 45.513   | 43.061     |
| 17)                         | MA 4,4'-DDT     | 6.782  | 5.891  | 97225192 | 89697690 | 42.499   | 42.459     |
| 18)                         | B Endrin al...  | 6.678  | 5.968  | 86866889 | 84468623 | 46.103   | 45.137     |
| 19)                         | B Endosulfa...  | 6.913  | 6.190  | 103.8E6  | 99191371 | 43.773   | 42.132     |
| 20)                         | A Methoxychlor  | 7.261  | 6.470  | 57053565 | 53720939 | 46.753   | 44.330     |
| 21)                         | B Endrin ke...  | 7.392  | 6.695  | 110.6E6  | 110.7E6  | 46.177   | 43.595     |
| 22)                         | Mirex           | 7.856  | 6.867  | 85516128 | 96571860 | 43.713   | 41.910     |
| 23)                         | Chlordane-1     | 4.468  | 3.655f | 486113   | 1448034  | 4.398    | 16.328 #   |
| 24)                         | Chlordane-2     | 5.019f | 4.226f | 146.9E6  | 1115658  | 1233.618 | 9.949 #    |
| 25)                         | Chlordane-3     | 5.699  | 4.835  | 135.8E6  | 122.5E6  | 314.536  | 431.075 #  |
| 26)                         | Chlordane-4     | 5.777  | 4.897  | 127.1E6  | 123.7E6  | 244.399  | 414.545 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.788  | 0        | 101.8E6  | N.D.     | 1031.619 # |
| -----                       |                 |        |        |          |          |          |            |

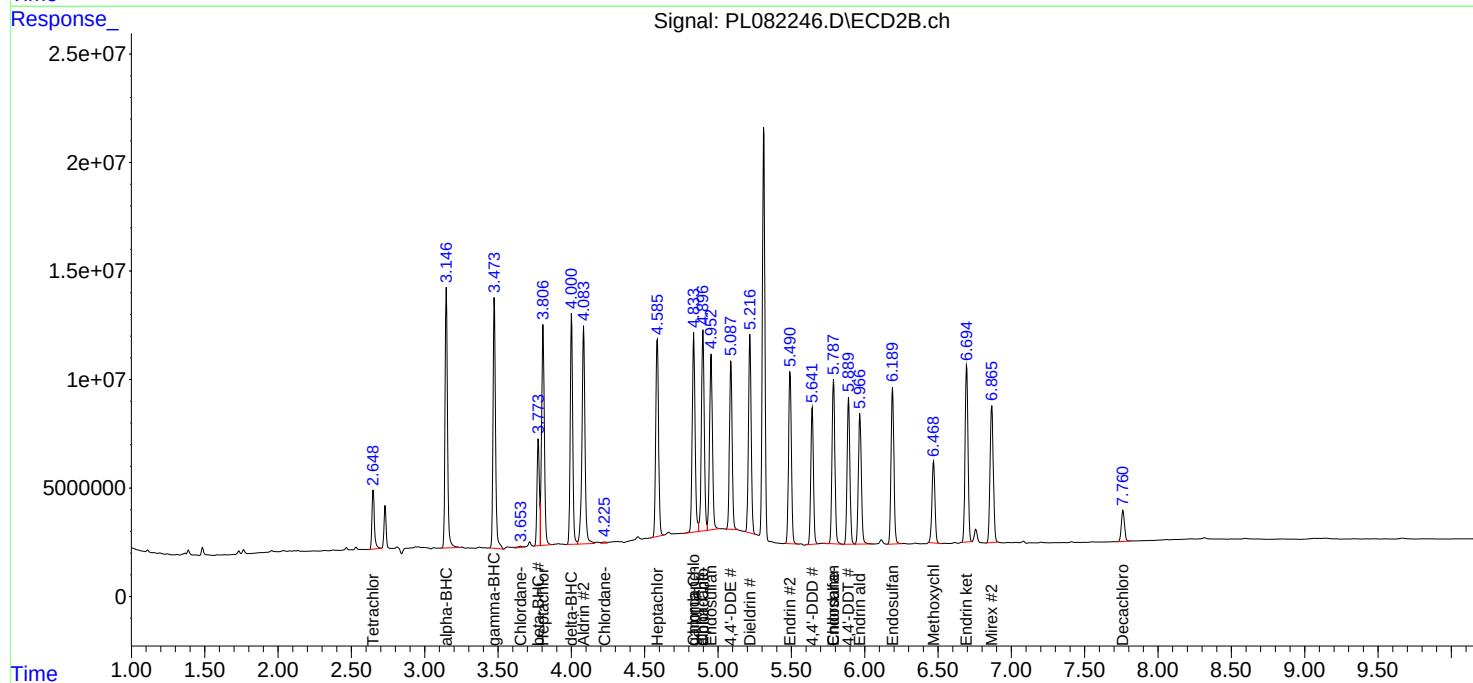
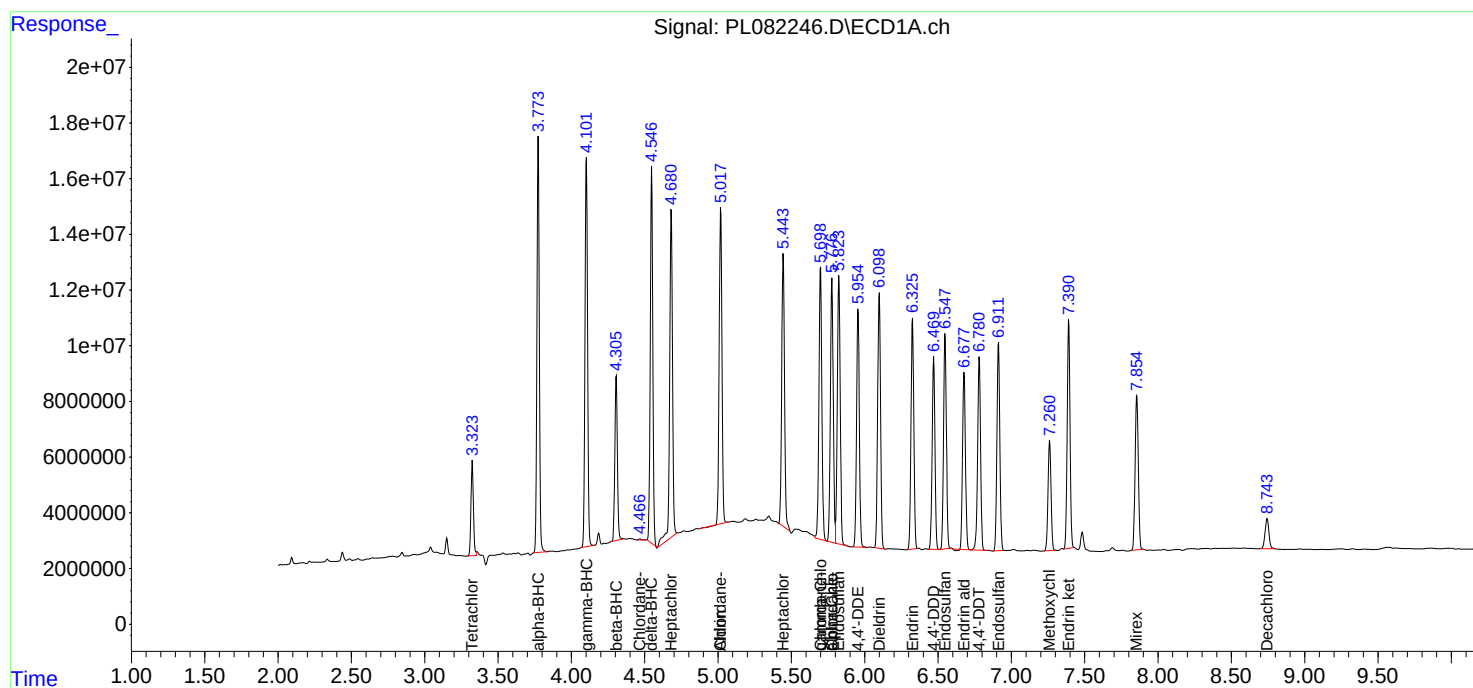
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

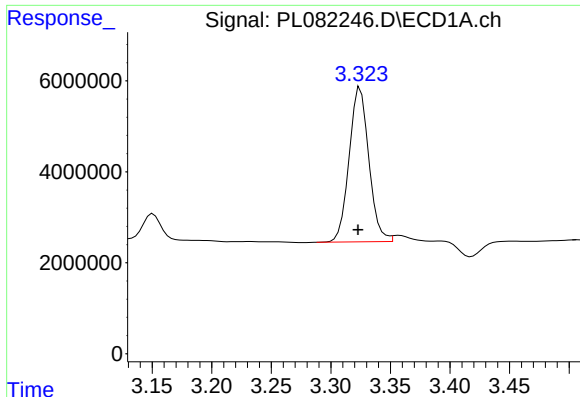
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042123\  
Data File : PL082246.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Apr 2023 14:56  
Operator : AR\AJ  
Sample : 02427-13MS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 21 21:47:42 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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

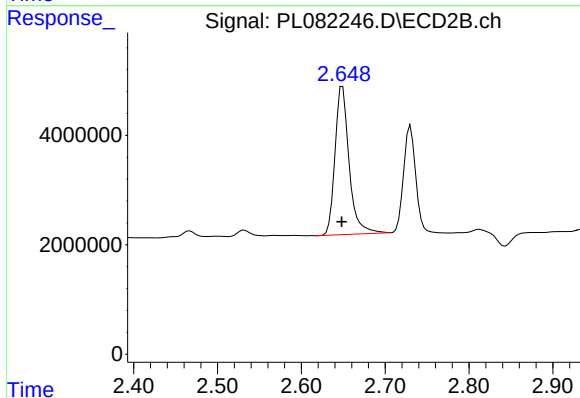




#1 Tetrachloro-m-xylene

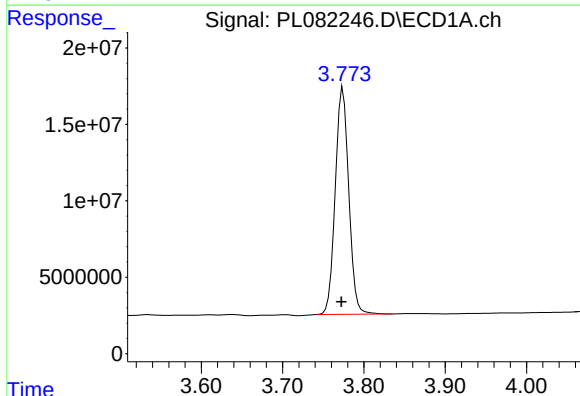
R.T.: 3.325 min  
Delta R.T.: 0.002 min  
Response: 39184044  
Conc: 14.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



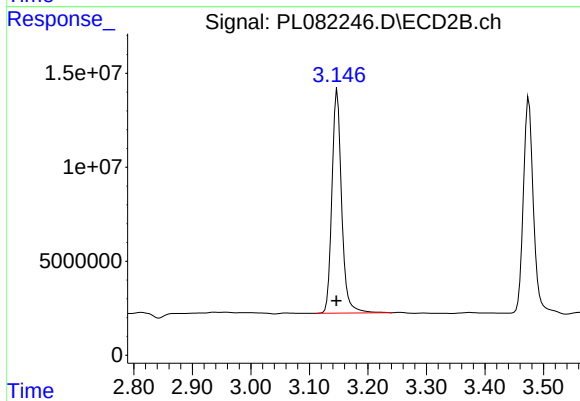
#1 Tetrachloro-m-xylene

R.T.: 2.649 min  
Delta R.T.: 0.000 min  
Response: 31612096  
Conc: 13.65 ng/ml



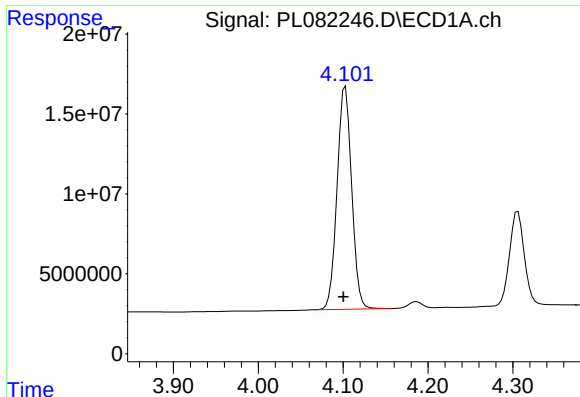
#2 alpha-BHC

R.T.: 3.774 min  
Delta R.T.: 0.002 min  
Response: 171302242  
Conc: 43.04 ng/ml



#2 alpha-BHC

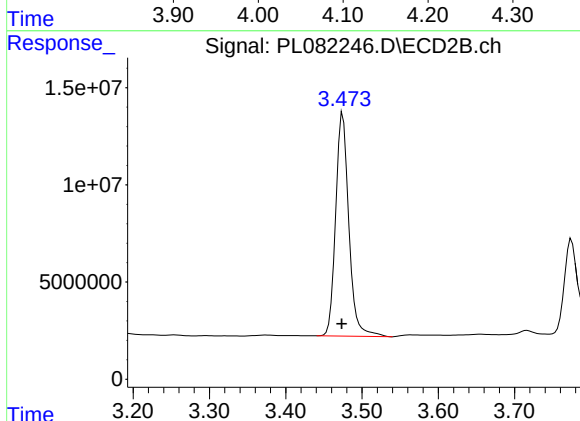
R.T.: 3.148 min  
Delta R.T.: 0.001 min  
Response: 137060094  
Conc: 40.27 ng/ml



#3 gamma-BHC (Lindane)

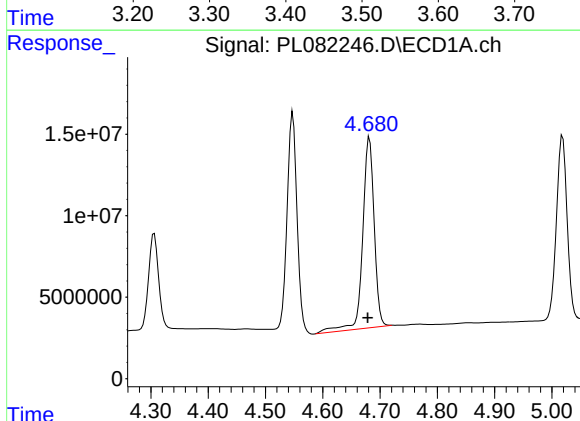
R.T.: 4.103 min  
Delta R.T.: 0.002 min  
Response: 166250570  
Conc: 44.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



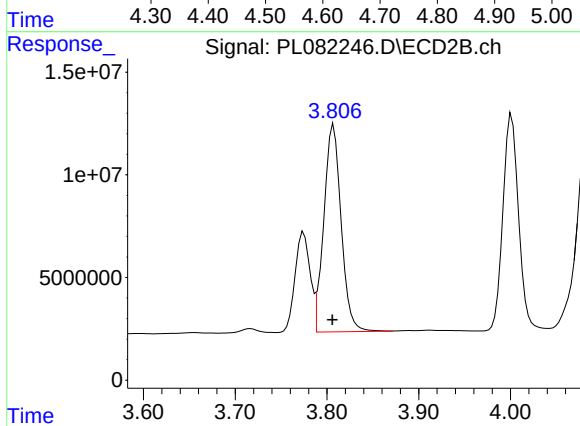
#3 gamma-BHC (Lindane)

R.T.: 3.475 min  
Delta R.T.: 0.001 min  
Response: 137431755  
Conc: 42.74 ng/ml



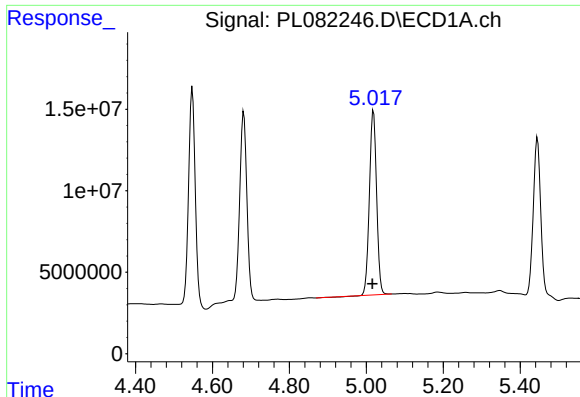
#4 Heptachlor

R.T.: 4.681 min  
Delta R.T.: 0.003 min  
Response: 163636247  
Conc: 44.78 ng/ml



#4 Heptachlor

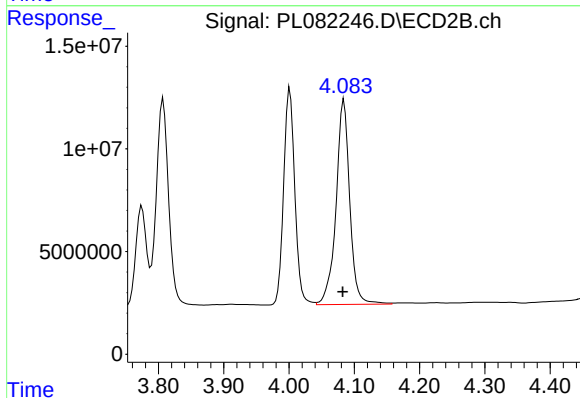
R.T.: 3.807 min  
Delta R.T.: 0.001 min  
Response: 131878870  
Conc: 38.52 ng/ml



#5 Aldrin

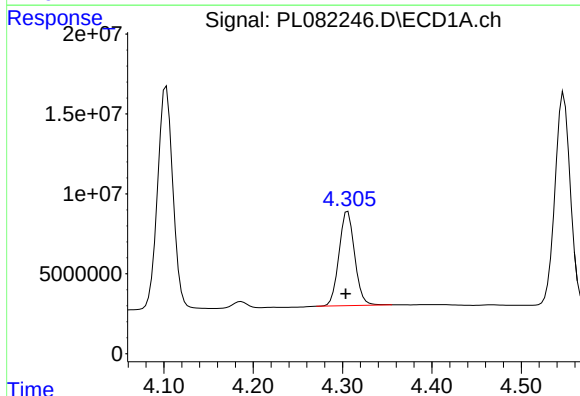
R.T.: 5.019 min  
Delta R.T.: 0.003 min  
Response: 146865256  
Conc: 44.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



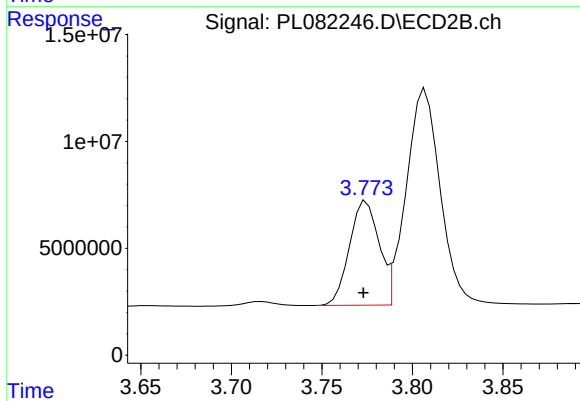
#5 Aldrin

R.T.: 4.084 min  
Delta R.T.: 0.002 min  
Response: 145714498  
Conc: 46.26 ng/ml



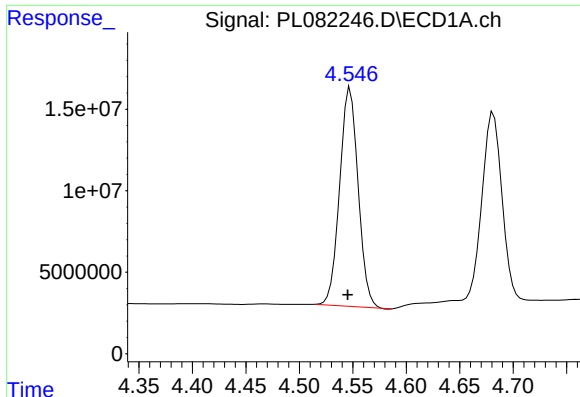
#6 beta-BHC

R.T.: 4.306 min  
Delta R.T.: 0.002 min  
Response: 71845563  
Conc: 42.13 ng/ml



#6 beta-BHC

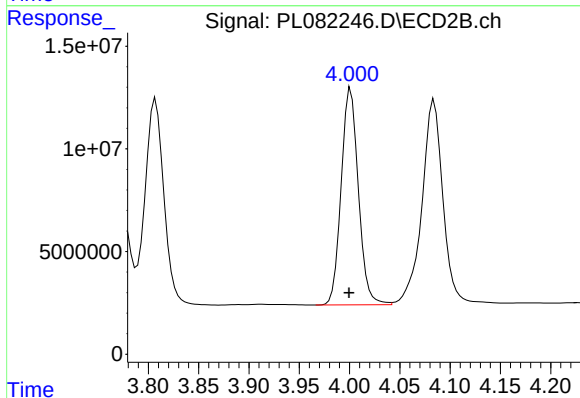
R.T.: 3.775 min  
Delta R.T.: 0.002 min  
Response: 55345904  
Conc: 40.56 ng/ml



#7 delta-BHC

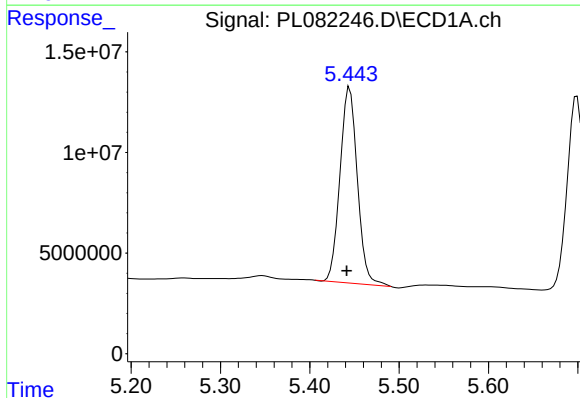
R.T.: 4.548 min  
Delta R.T.: 0.002 min  
Response: 161233196  
Conc: 44.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



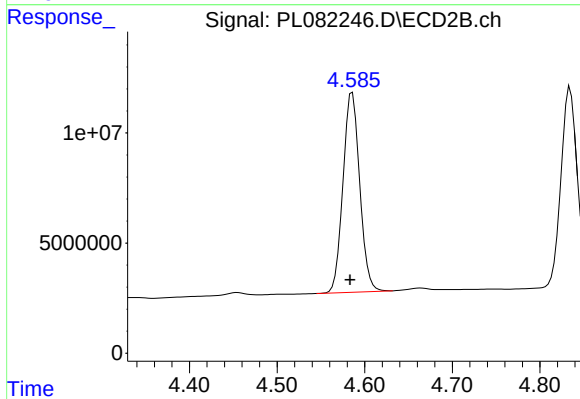
#7 delta-BHC

R.T.: 4.001 min  
Delta R.T.: 0.002 min  
Response: 125360655  
Conc: 40.87 ng/ml



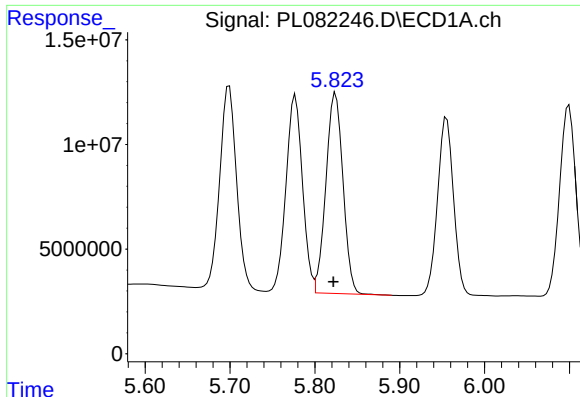
#8 Heptachlor epoxide

R.T.: 5.445 min  
Delta R.T.: 0.004 min  
Response: 131075253  
Conc: 42.97 ng/ml



#8 Heptachlor epoxide

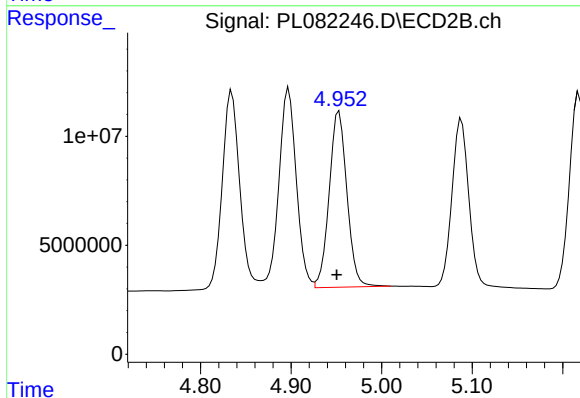
R.T.: 4.586 min  
Delta R.T.: 0.002 min  
Response: 120354118  
Conc: 41.78 ng/ml



#9 Endosulfan I

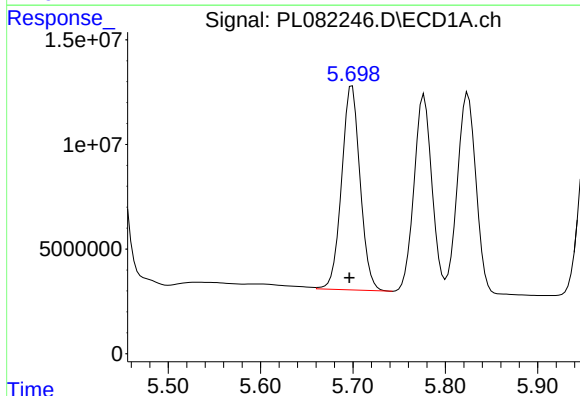
R.T.: 5.824 min  
Delta R.T.: 0.002 min  
Response: 133571559  
Conc: 48.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



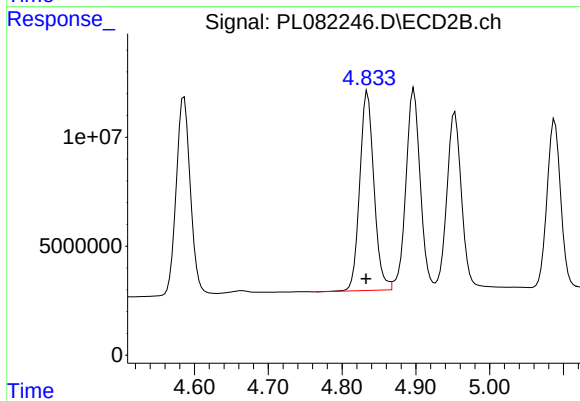
#9 Endosulfan I

R.T.: 4.953 min  
Delta R.T.: 0.003 min  
Response: 110213987  
Conc: 41.29 ng/ml



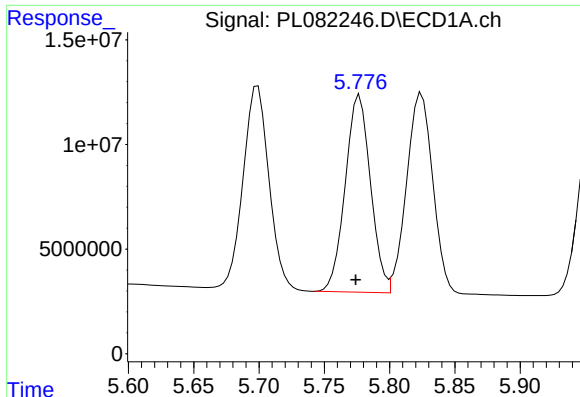
#10 gamma-Chlordane

R.T.: 5.699 min  
Delta R.T.: 0.003 min  
Response: 135786359  
Conc: 45.16 ng/ml



#10 gamma-Chlordane

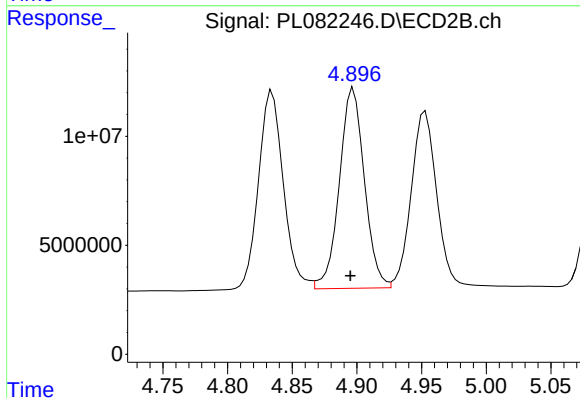
R.T.: 4.835 min  
Delta R.T.: 0.002 min  
Response: 122472742  
Conc: 42.21 ng/ml



#11 alpha-Chlordane

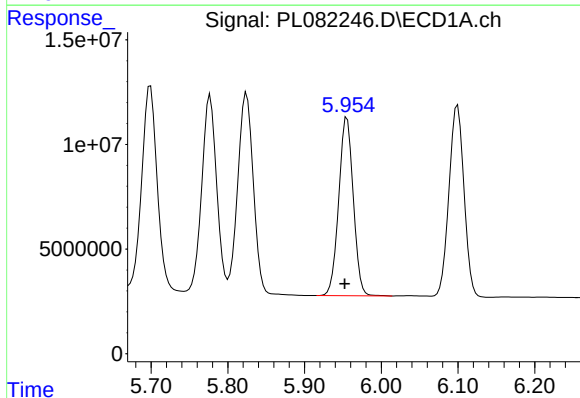
R.T.: 5.777 min  
Delta R.T.: 0.003 min  
Response: 127066743  
Conc: 42.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



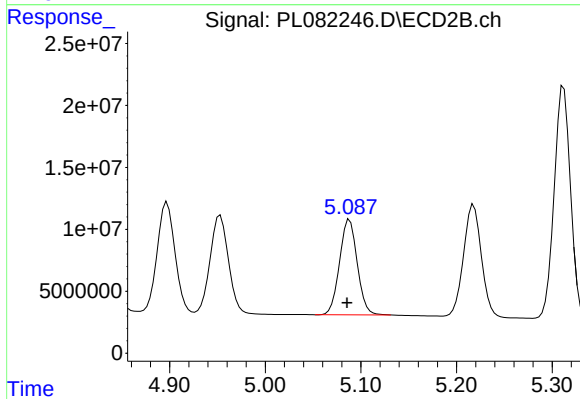
#11 alpha-Chlordane

R.T.: 4.897 min  
Delta R.T.: 0.002 min  
Response: 123702843  
Conc: 42.61 ng/ml



#12 4,4'-DDE

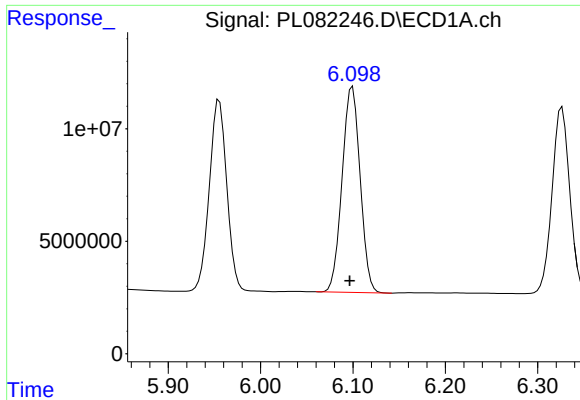
R.T.: 5.955 min  
Delta R.T.: 0.003 min  
Response: 112405362  
Conc: 44.22 ng/ml



#12 4,4'-DDE

R.T.: 5.088 min  
Delta R.T.: 0.003 min  
Response: 99140358  
Conc: 43.12 ng/ml

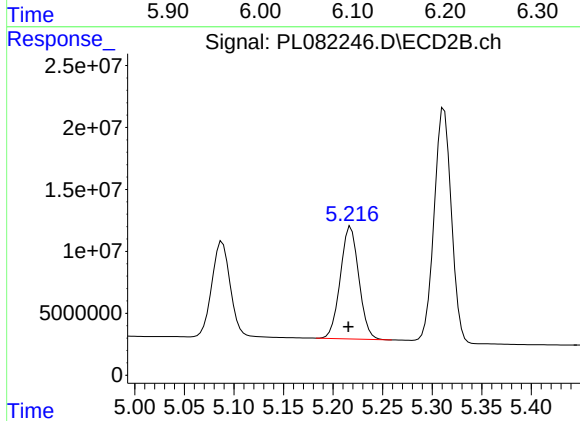




#13 Dieldrin

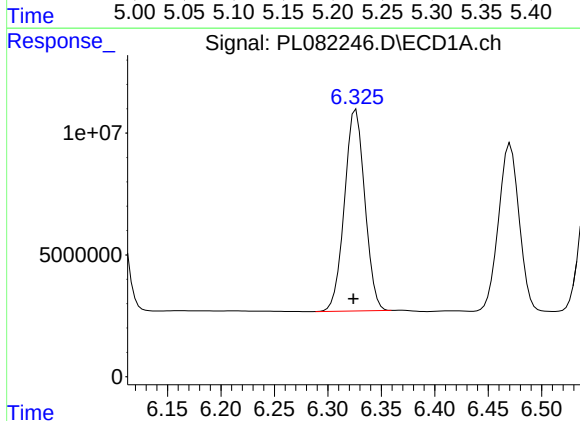
R.T.: 6.099 min  
Delta R.T.: 0.003 min  
Response: 124240131  
Conc: 45.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



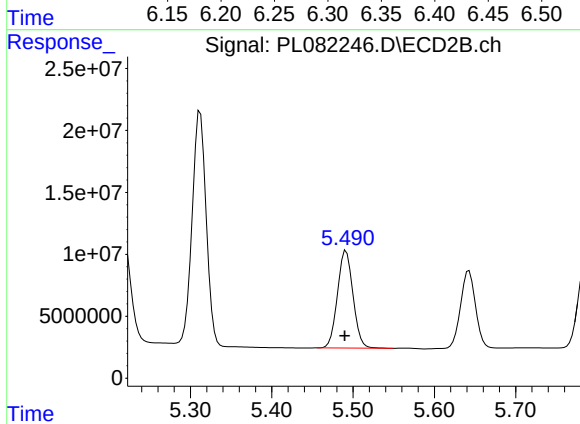
#13 Dieldrin

R.T.: 5.218 min  
Delta R.T.: 0.003 min  
Response: 117676269  
Conc: 43.58 ng/ml



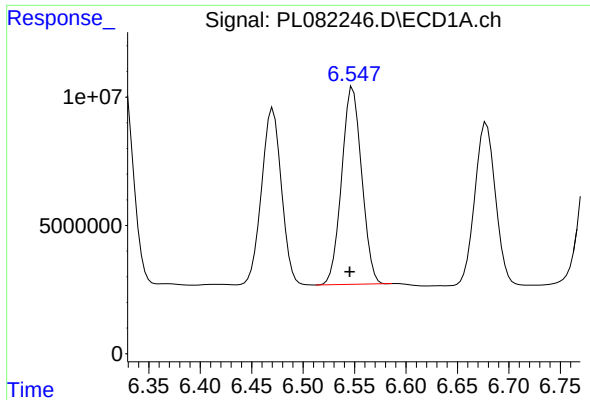
#14 Endrin

R.T.: 6.326 min  
Delta R.T.: 0.003 min  
Response: 109623585  
Conc: 45.21 ng/ml



#14 Endrin

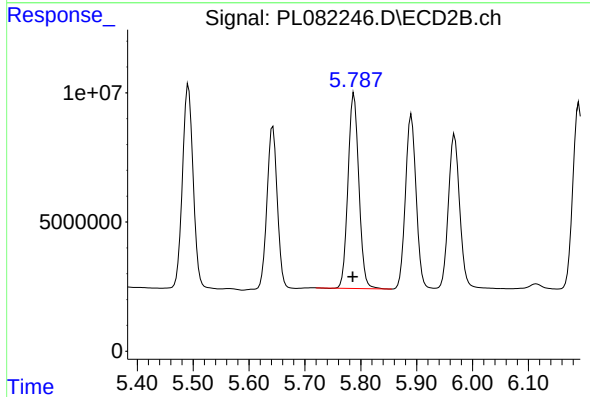
R.T.: 5.492 min  
Delta R.T.: 0.002 min  
Response: 104465507  
Conc: 42.71 ng/ml



#15 Endosulfan II

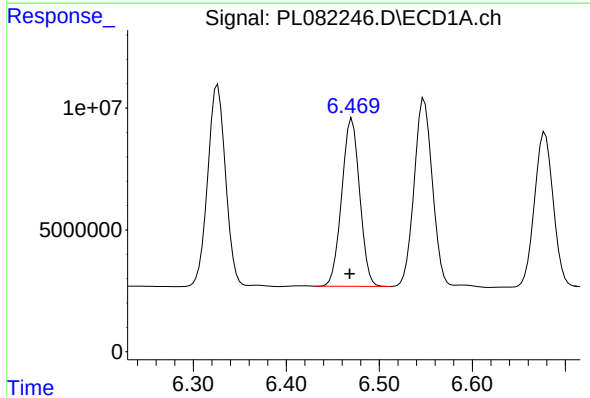
R.T.: 6.548 min  
Delta R.T.: 0.003 min  
Response: 104120070  
Conc: 42.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



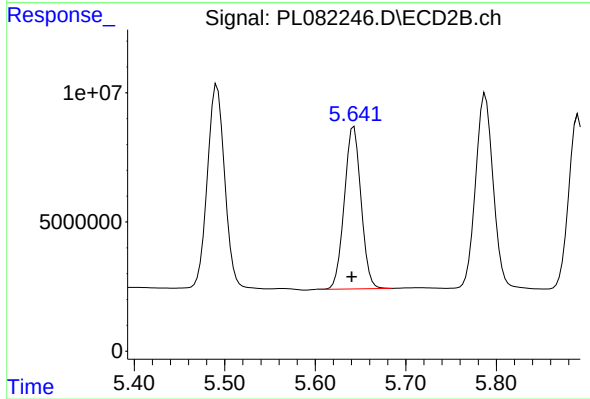
#15 Endosulfan II

R.T.: 5.788 min  
Delta R.T.: 0.002 min  
Response: 101833618  
Conc: 45.18 ng/ml



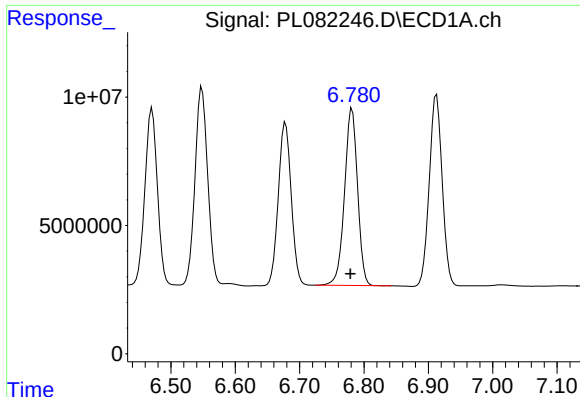
#16 4,4'-DDD

R.T.: 6.471 min  
Delta R.T.: 0.003 min  
Response: 92263475  
Conc: 45.51 ng/ml



#16 4,4'-DDD

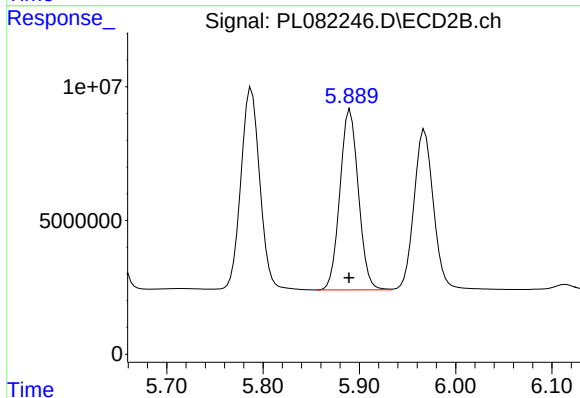
R.T.: 5.643 min  
Delta R.T.: 0.002 min  
Response: 80542122  
Conc: 43.06 ng/ml



#17 4,4'-DDT

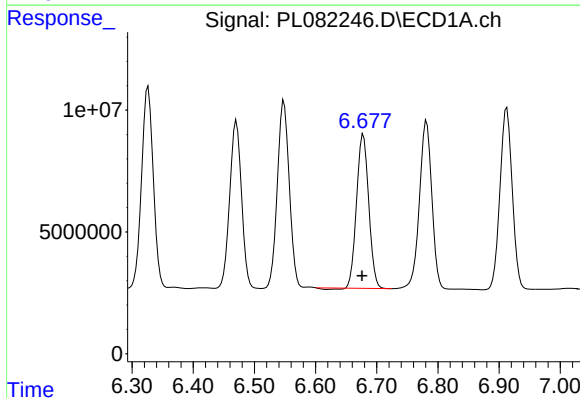
R.T.: 6.782 min  
Delta R.T.: 0.003 min  
Response: 97225192  
Conc: 42.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



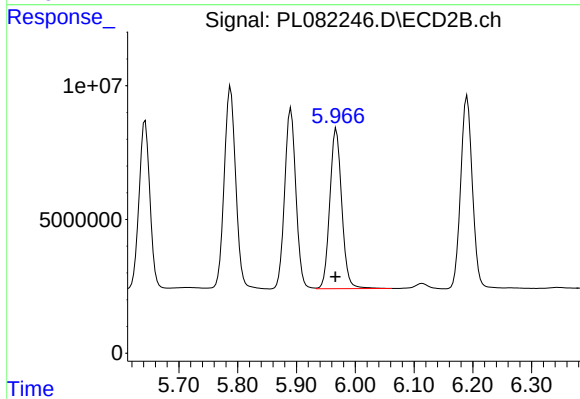
#17 4,4'-DDT

R.T.: 5.891 min  
Delta R.T.: 0.001 min  
Response: 89697690  
Conc: 42.46 ng/ml



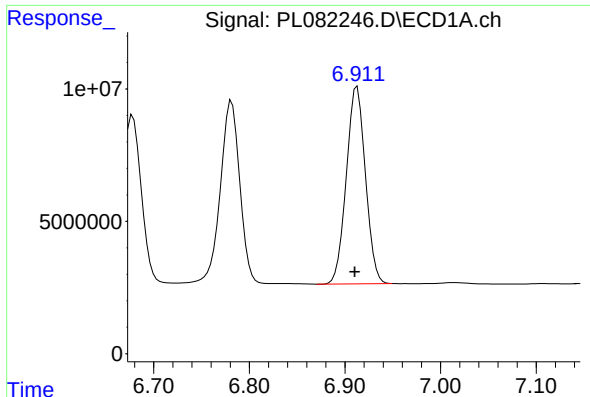
#18 Endrin aldehyde

R.T.: 6.678 min  
Delta R.T.: 0.002 min  
Response: 86866889  
Conc: 46.10 ng/ml



#18 Endrin aldehyde

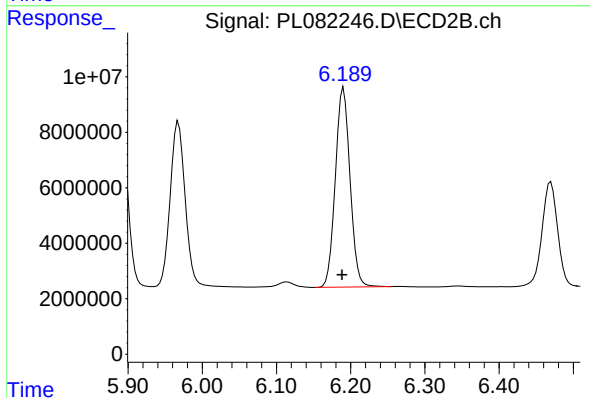
R.T.: 5.968 min  
Delta R.T.: 0.001 min  
Response: 84468623  
Conc: 45.14 ng/ml



#19 Endosulfan Sulfate

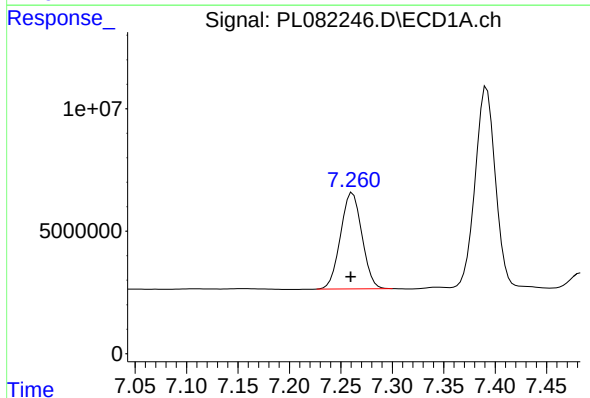
R.T.: 6.913 min  
Delta R.T.: 0.003 min  
Response: 103809393  
Conc: 43.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



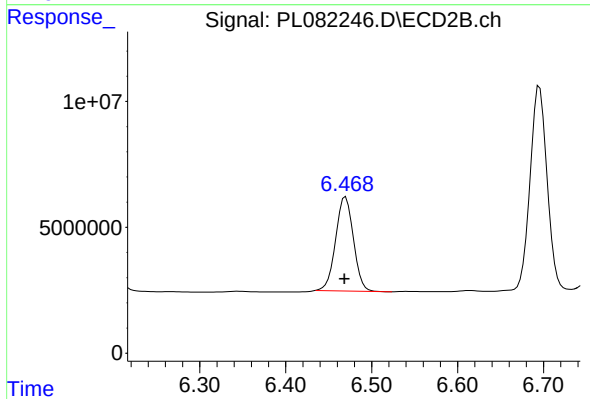
#19 Endosulfan Sulfate

R.T.: 6.190 min  
Delta R.T.: 0.002 min  
Response: 99191371  
Conc: 42.13 ng/ml



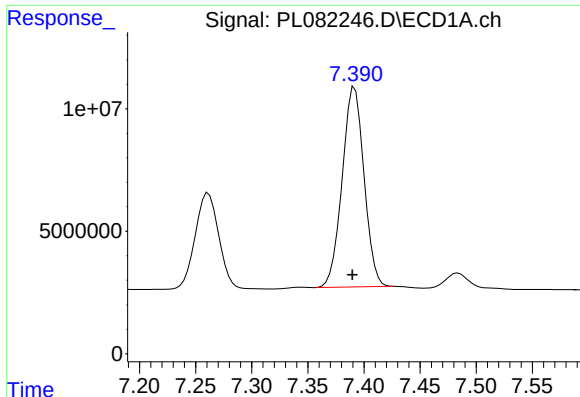
#20 Methoxychlor

R.T.: 7.261 min  
Delta R.T.: 0.002 min  
Response: 57053565  
Conc: 46.75 ng/ml



#20 Methoxychlor

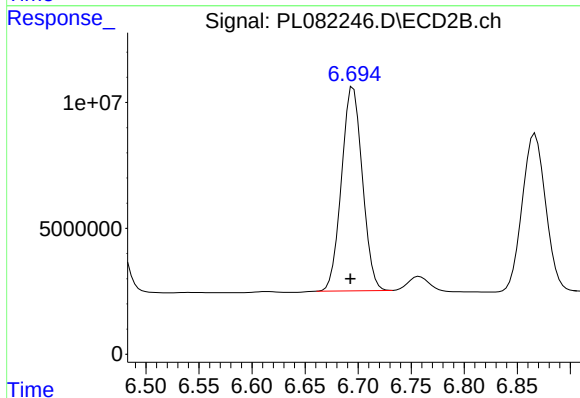
R.T.: 6.470 min  
Delta R.T.: 0.002 min  
Response: 53720939  
Conc: 44.33 ng/ml



#21 Endrin ketone

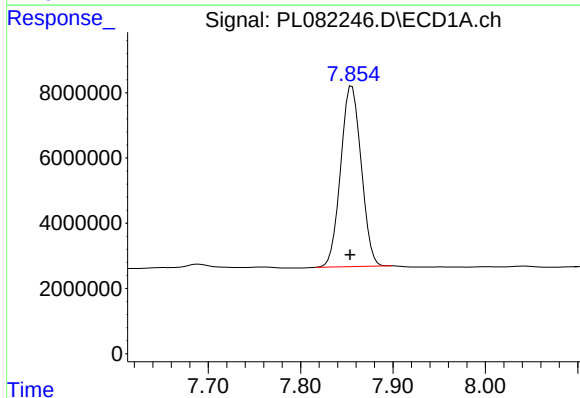
R.T.: 7.392 min  
Delta R.T.: 0.002 min  
Response: 110566882  
Conc: 46.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



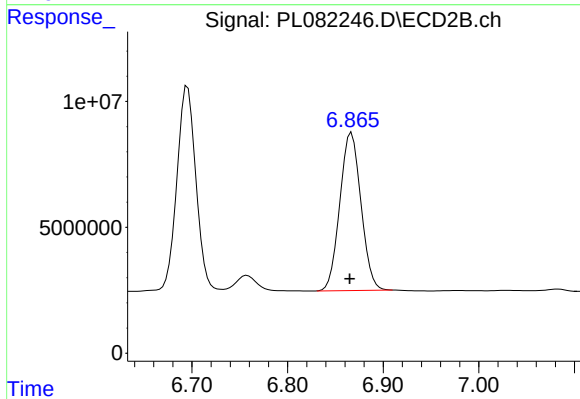
#21 Endrin ketone

R.T.: 6.695 min  
Delta R.T.: 0.003 min  
Response: 110651946  
Conc: 43.59 ng/ml



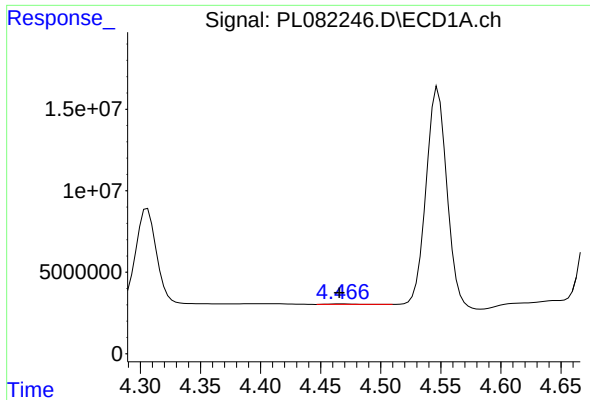
#22 Mirex

R.T.: 7.856 min  
Delta R.T.: 0.002 min  
Response: 85516128  
Conc: 43.71 ng/ml



#22 Mirex

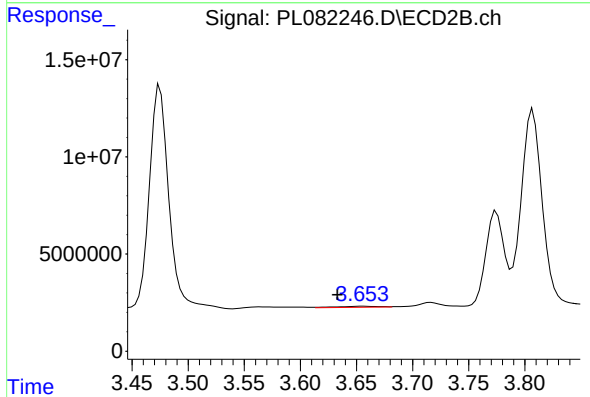
R.T.: 6.867 min  
Delta R.T.: 0.002 min  
Response: 96571860  
Conc: 41.91 ng/ml



#23 Chlordane-1

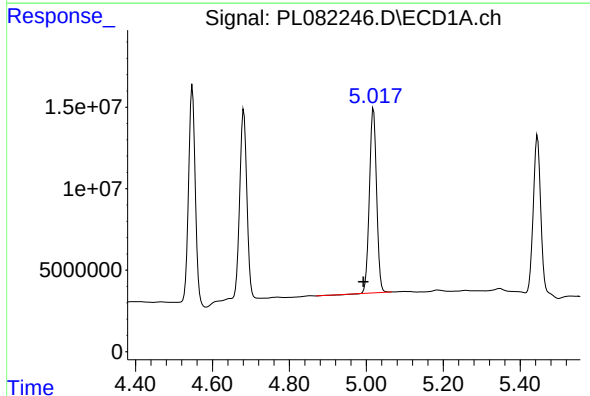
R.T.: 4.468 min  
Delta R.T.: 0.002 min  
Response: 486113  
Conc: 4.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



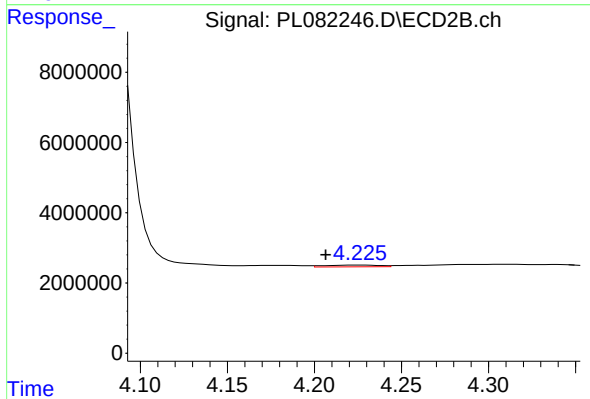
#23 Chlordane-1

R.T.: 3.655 min  
Delta R.T.: 0.022 min  
Response: 1448034  
Conc: 16.33 ng/ml



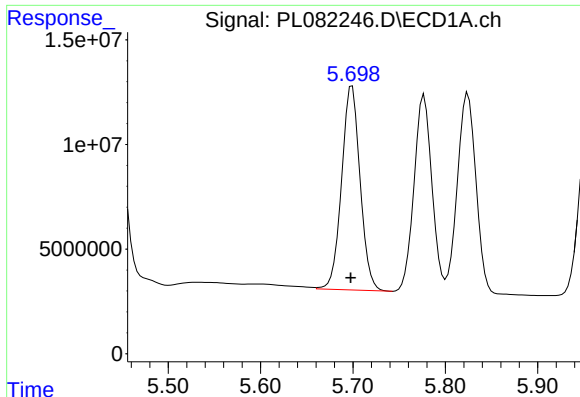
#24 Chlordane-2

R.T.: 5.019 min  
Delta R.T.: 0.026 min  
Response: 146865256  
Conc: 1233.62 ng/ml



#24 Chlordane-2

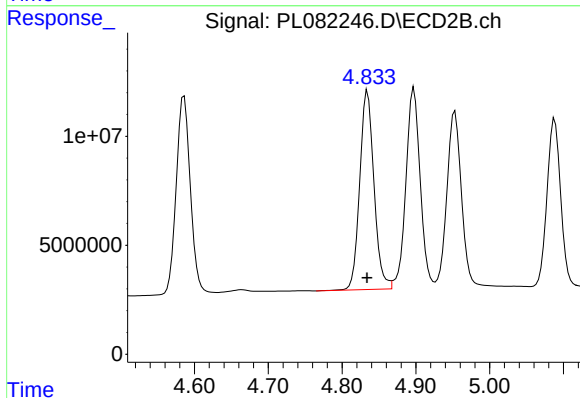
R.T.: 4.226 min  
Delta R.T.: 0.019 min  
Response: 1115658  
Conc: 9.95 ng/ml



#25 Chlordane-3

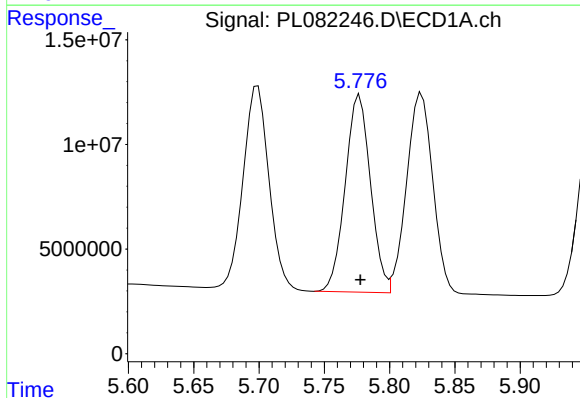
R.T.: 5.699 min  
Delta R.T.: 0.002 min  
Response: 135786359  
Conc: 314.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



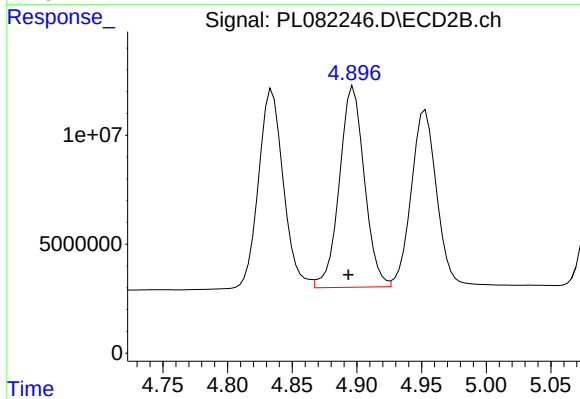
#25 Chlordane-3

R.T.: 4.835 min  
Delta R.T.: 0.000 min  
Response: 122472742  
Conc: 431.08 ng/ml



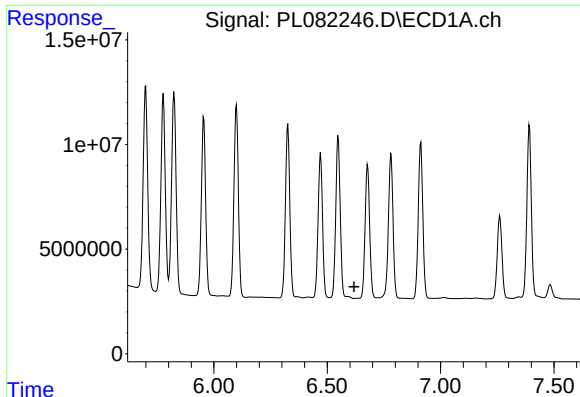
#26 Chlordane-4

R.T.: 5.777 min  
Delta R.T.: 0.000 min  
Response: 127066743  
Conc: 244.40 ng/ml



#26 Chlordane-4

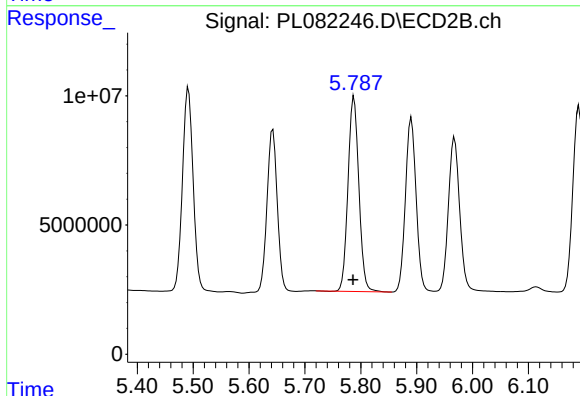
R.T.: 4.897 min  
Delta R.T.: 0.004 min  
Response: 123702843  
Conc: 414.54 ng/ml



#27 Chlordane-5

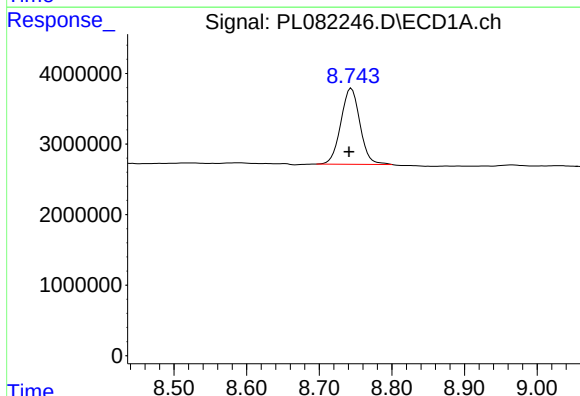
R.T.: 0.000 min  
Exp R.T.: 6.619 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



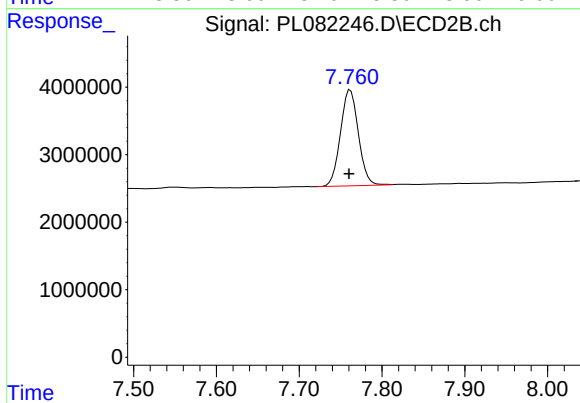
#27 Chlordane-5

R.T.: 5.788 min  
Delta R.T.: 0.002 min  
Response: 101833618  
Conc: 1031.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.744 min  
Delta R.T.: 0.003 min  
Response: 19734238  
Conc: 10.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.762 min  
Delta R.T.: 0.002 min  
Response: 21370872  
Conc: 9.36 ng/ml