

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020720\  
 Data File : PL056380.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Feb 2020 17:36  
 Operator : AJ\MA  
 Sample : L1365-08MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 07 22:32:39 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 28 13:10:37 2020  
 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... | 3.498 | 4.017  | 193.9E6 | 64114800 | 18.511   | 21.926     |
| 28)                         | SA Decachlor... | 8.255 | 9.098  | 215.6E6 | 52029979 | 20.475   | 23.002     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.937 | 4.407  | 922.1E6 | 257.4E6  | 51.747   | 58.806     |
| 3)                          | MA gamma-BHC... | 4.221 | 4.692  | 868.7E6 | 239.9E6  | 53.056   | 58.492     |
| 4)                          | MA Heptachlor   | 4.523 | 5.200  | 881.1E6 | 216.2E6  | 54.884   | 60.434     |
| 5)                          | MB Aldrin       | 4.772 | 5.505  | 852.2E6 | 204.8E6  | 52.386   | 58.272     |
| 6)                          | B beta-BHC      | 4.472 | 4.864  | 331.0E6 | 94586946 | 50.251   | 57.694     |
| 7)                          | B delta-BHC     | 4.677 | 5.082  | 830.0E6 | 174.4E6  | 51.772   | 54.374     |
| 8)                          | B Heptachlo...  | 5.215 | 5.893  | 805.1E6 | 155.9E6  | 52.347   | 50.074     |
| 9)                          | A Endosulfan I  | 5.555 | 6.251  | 749.5E6 | 175.3E6  | 51.649   | 58.590     |
| 10)                         | B gamma-Chl...  | 5.442 | 6.128  | 825.3E6 | 183.1E6  | 52.627   | 57.573     |
| 11)                         | B alpha-Chl...  | 5.500 | 6.201  | 802.7E6 | 184.9E6  | 52.182   | 58.318     |
| 12)                         | B 4,4'-DDE      | 5.663 | 6.359  | 784.6E6 | 179.2E6  | 54.136   | 59.821     |
| 13)                         | MA Dieldrin     | 5.798 | 6.509  | 813.4E6 | 185.8E6  | 52.886   | 59.868     |
| 14)                         | MA Endrin       | 6.056 | 6.728  | 773.1E6 | 159.6E6  | 55.020   | 60.904     |
| 15)                         | B Endosulfa...  | 6.329 | 6.938  | 688.0E6 | 160.7E6  | 52.604   | 59.692     |
| 16)                         | A 4,4'-DDD      | 6.180 | 6.851  | 596.5E6 | 142.1E6  | 55.491   | 60.239     |
| 17)                         | MA 4,4'-DDT     | 6.421 | 7.150  | 641.7E6 | 143.4E6  | 58.718   | 62.468     |
| 18)                         | B Endrin al...  | 6.497 | 7.063  | 578.8E6 | 133.0E6  | 52.907   | 58.596     |
| 19)                         | B Endosulfa...  | 6.710 | 7.287  | 662.1E6 | 146.2E6  | 54.462   | 57.768     |
| 20)                         | A Methoxychlor  | 6.965 | 7.610  | 313.0E6 | 74799660 | 58.925   | 61.006     |
| 21)                         | B Endrin ke...  | 7.201 | 7.759  | 668.5E6 | 155.6E6  | 51.091   | 58.336     |
| 22)                         | Mirex           | 7.391 | 8.213  | 458.7E6 | 99673330 | 49.640   | 54.831     |
| 24)                         | Chlordane-2     | 0.000 | 5.505f | 0       | 204.8E6  | N.D.     | 2073.579 # |
| 25)                         | Chlordane-3     | 5.442 | 6.128  | 825.3E6 | 183.1E6  | 653.717  | 487.156 #  |
| 26)                         | Chlordane-4     | 5.500 | 6.201  | 802.7E6 | 184.9E6  | 741.856  | 420.737 #  |
| 27)                         | Chlordane-5     | 6.329 | 0.000  | 688.0E6 | 0        | 1658.464 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

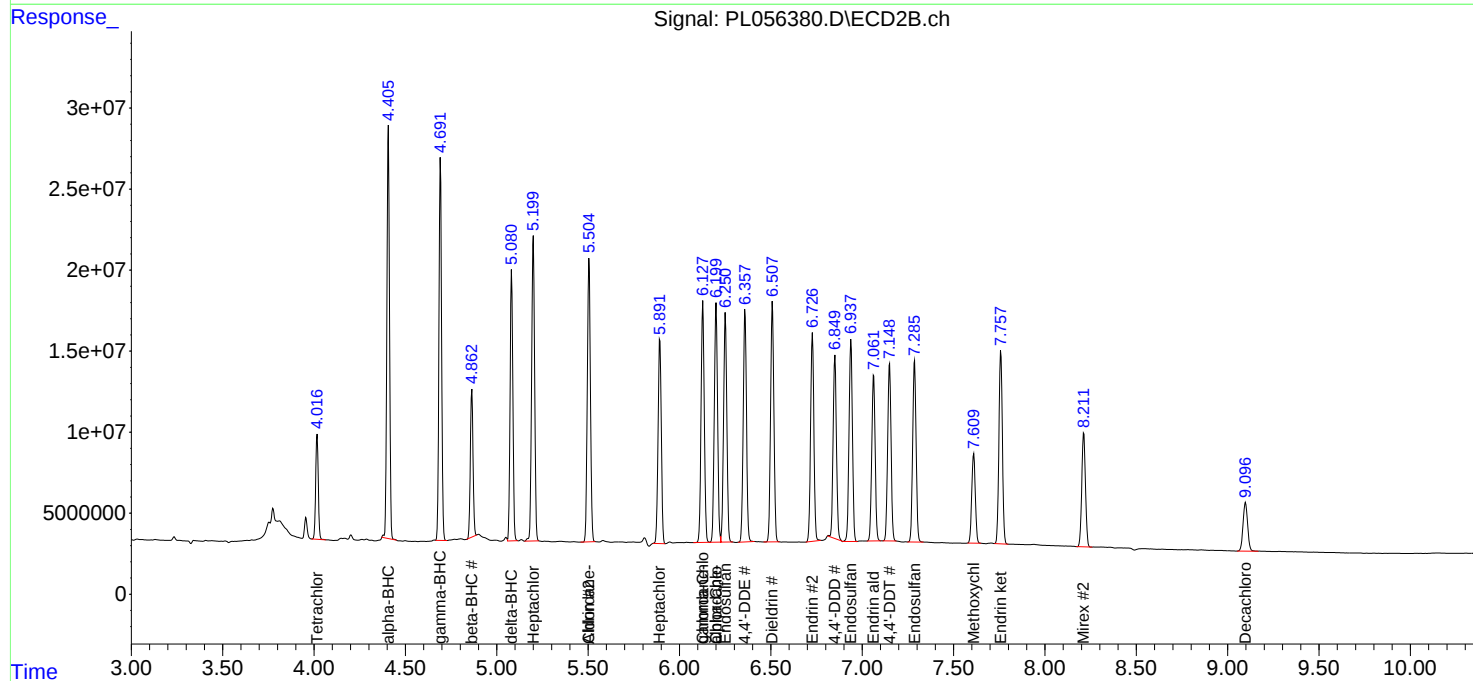
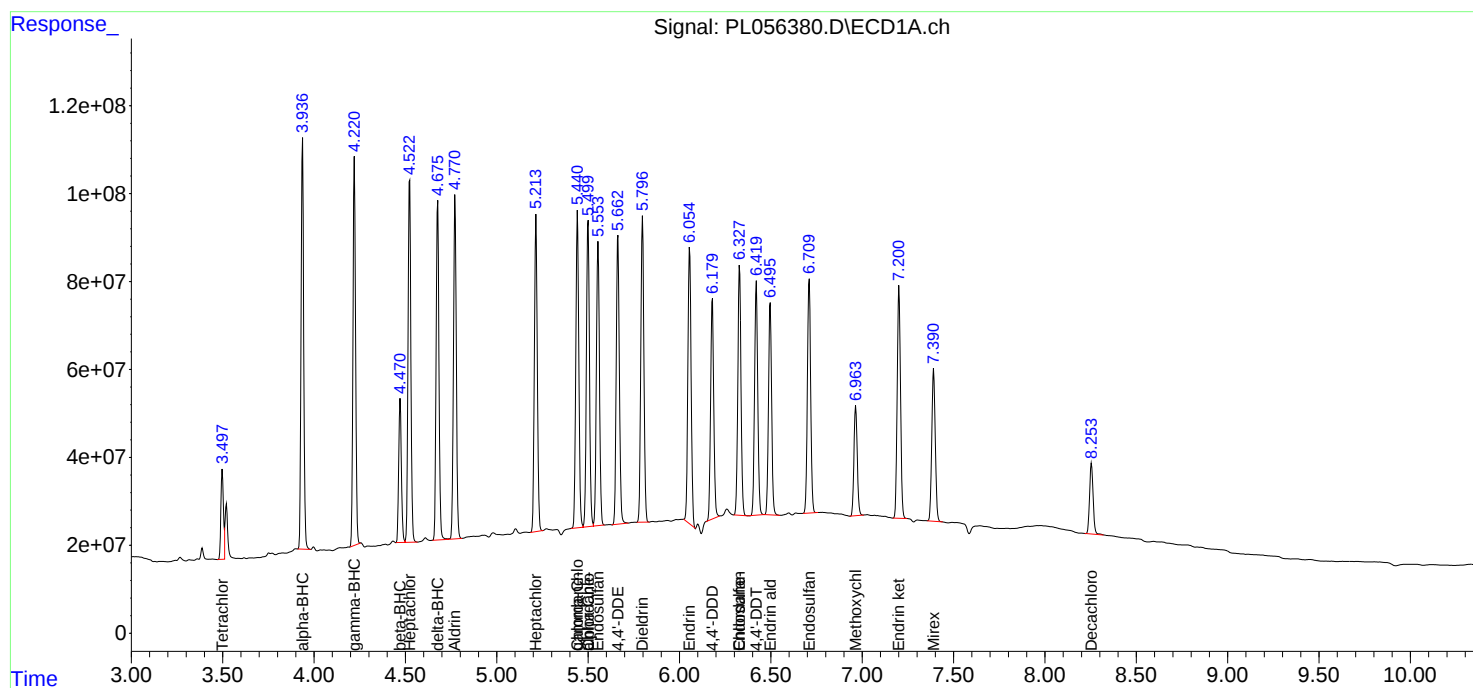
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

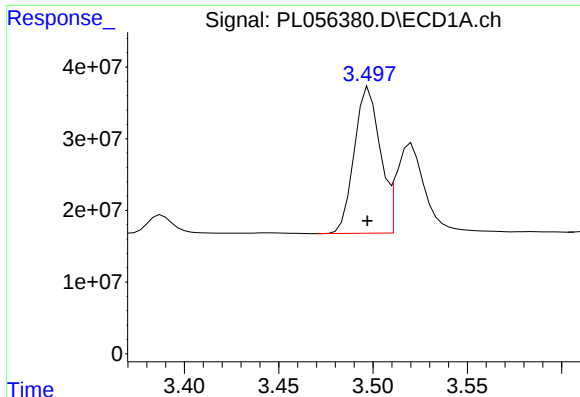
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020720\  
Data File : PL056380.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Feb 2020 17:36  
Operator : AJ\MA  
Sample : L1365-08MS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 07 22:32:39 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 28 13:10:37 2020  
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

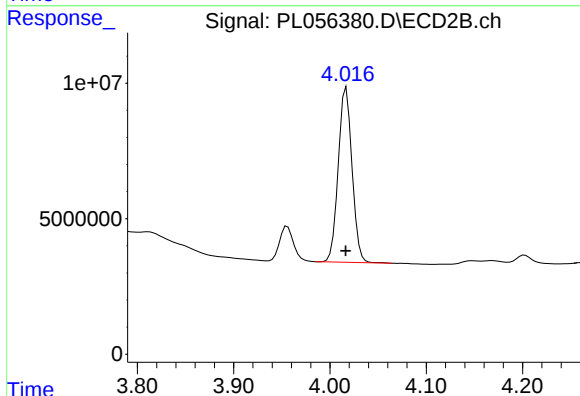




#1 Tetrachloro-m-xylene

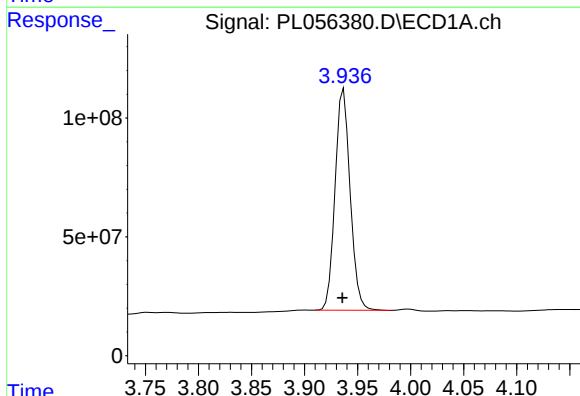
R.T.: 3.498 min  
Delta R.T.: 0.001 min  
Response: 193865739  
Conc: 18.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



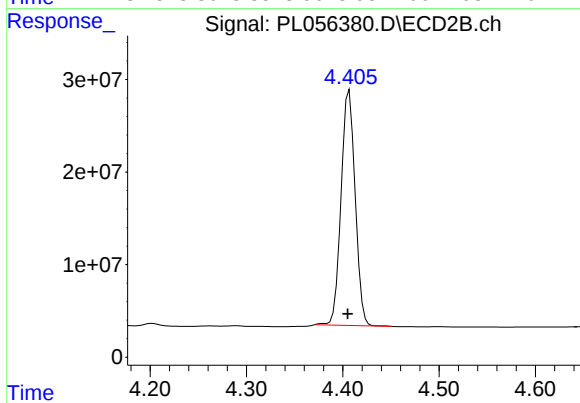
#1 Tetrachloro-m-xylene

R.T.: 4.017 min  
Delta R.T.: 0.000 min  
Response: 64114800  
Conc: 21.93 ng/ml



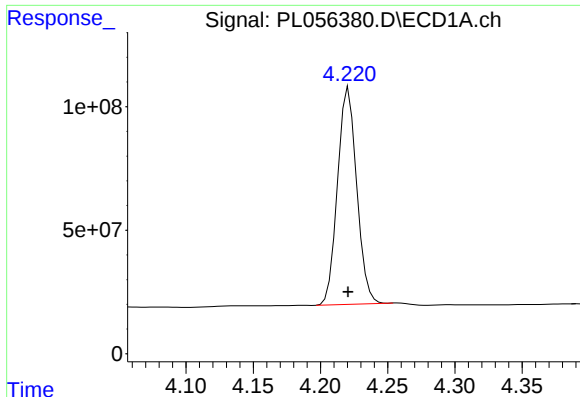
#2 alpha-BHC

R.T.: 3.937 min  
Delta R.T.: 0.001 min  
Response: 922129390  
Conc: 51.75 ng/ml



#2 alpha-BHC

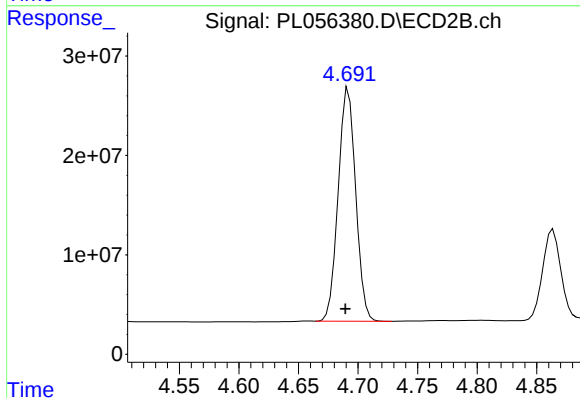
R.T.: 4.407 min  
Delta R.T.: 0.002 min  
Response: 257405314  
Conc: 58.81 ng/ml



#3 gamma-BHC (Lindane)

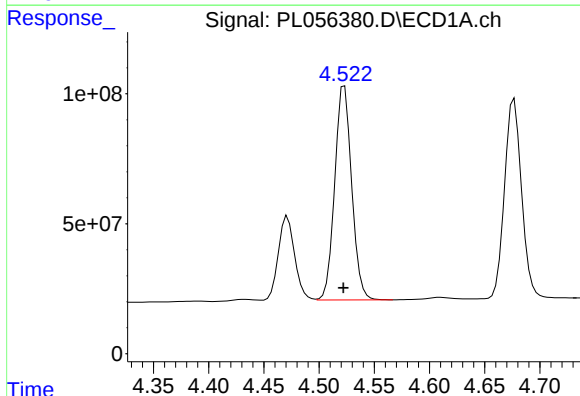
R.T.: 4.221 min  
Delta R.T.: 0.000 min  
Response: 868728447  
Conc: 53.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



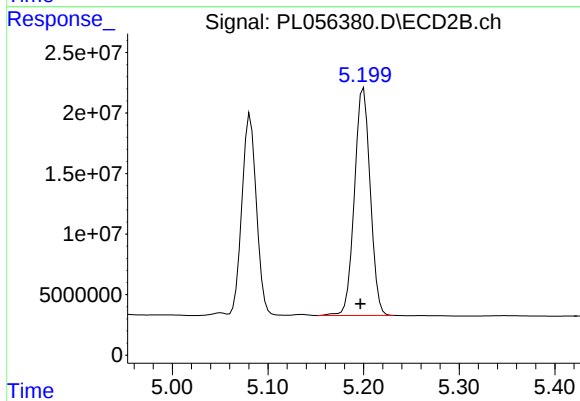
#3 gamma-BHC (Lindane)

R.T.: 4.692 min  
Delta R.T.: 0.003 min  
Response: 239863819  
Conc: 58.49 ng/ml



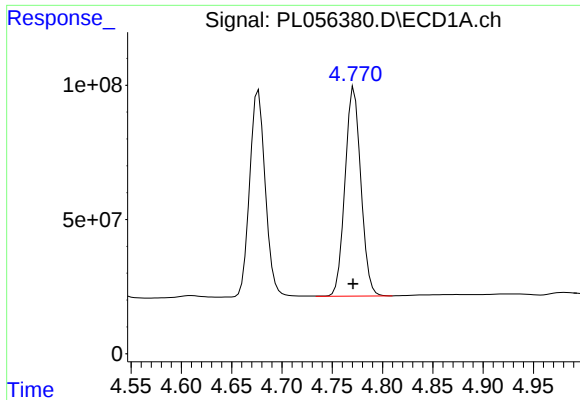
#4 Heptachlor

R.T.: 4.523 min  
Delta R.T.: 0.000 min  
Response: 881141484  
Conc: 54.88 ng/ml



#4 Heptachlor

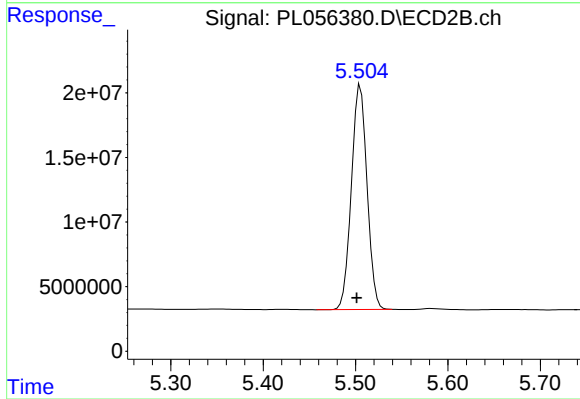
R.T.: 5.200 min  
Delta R.T.: 0.003 min  
Response: 216216091  
Conc: 60.43 ng/ml



#5 Aldrin

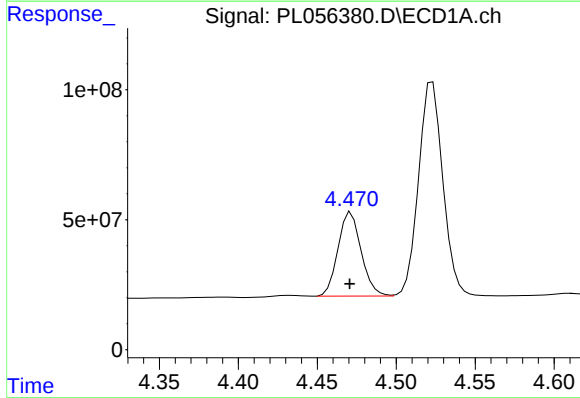
R.T.: 4.772 min  
Delta R.T.: 0.001 min  
Response: 852180292  
Conc: 52.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



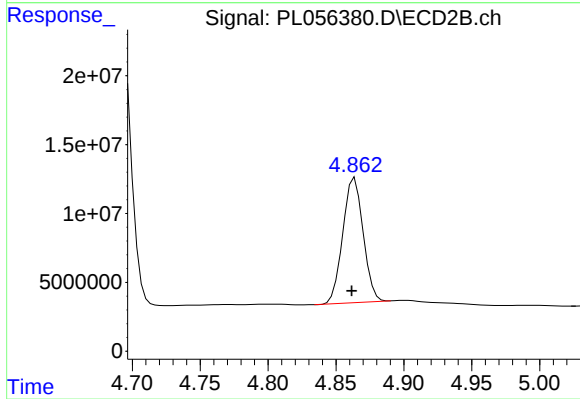
#5 Aldrin

R.T.: 5.505 min  
Delta R.T.: 0.004 min  
Response: 204802891  
Conc: 58.27 ng/ml



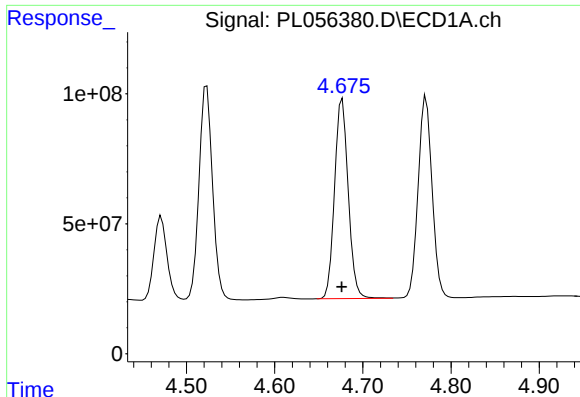
#6 beta-BHC

R.T.: 4.472 min  
Delta R.T.: 0.000 min  
Response: 330997954  
Conc: 50.25 ng/ml



#6 beta-BHC

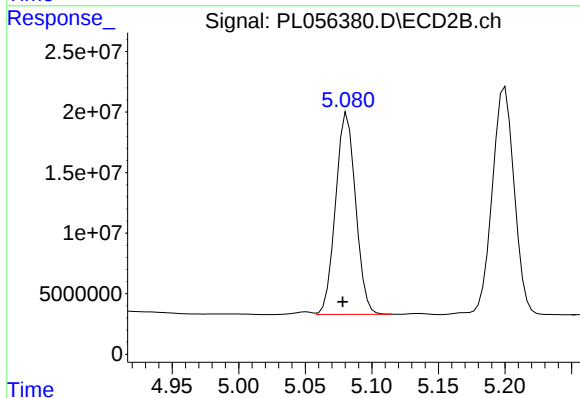
R.T.: 4.864 min  
Delta R.T.: 0.002 min  
Response: 94586946  
Conc: 57.69 ng/ml



#7 delta-BHC

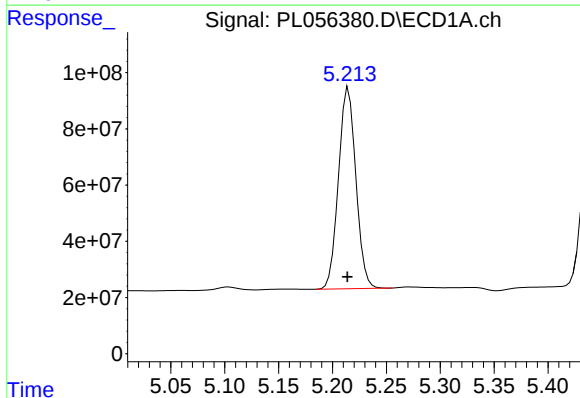
R.T.: 4.677 min  
Delta R.T.: 0.000 min  
Response: 830020472  
Conc: 51.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



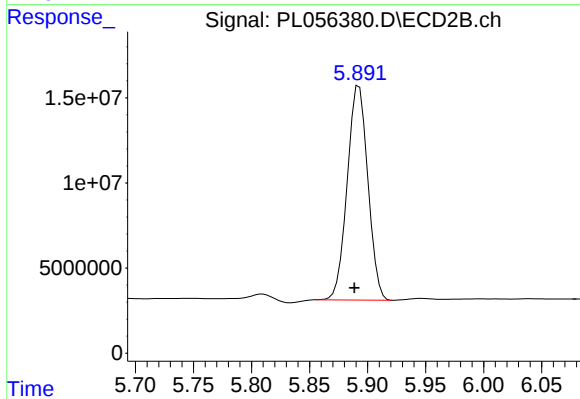
#7 delta-BHC

R.T.: 5.082 min  
Delta R.T.: 0.003 min  
Response: 174385376  
Conc: 54.37 ng/ml



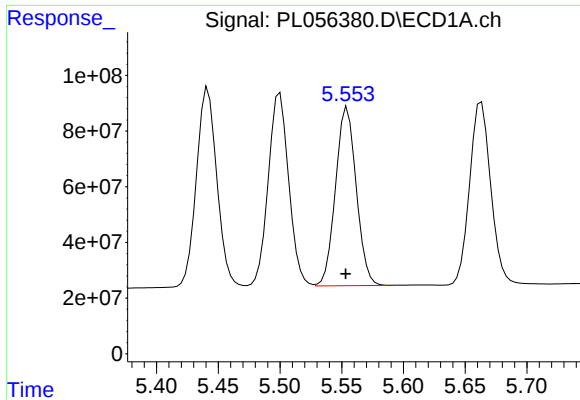
#8 Heptachlor epoxide

R.T.: 5.215 min  
Delta R.T.: 0.001 min  
Response: 805140282  
Conc: 52.35 ng/ml



#8 Heptachlor epoxide

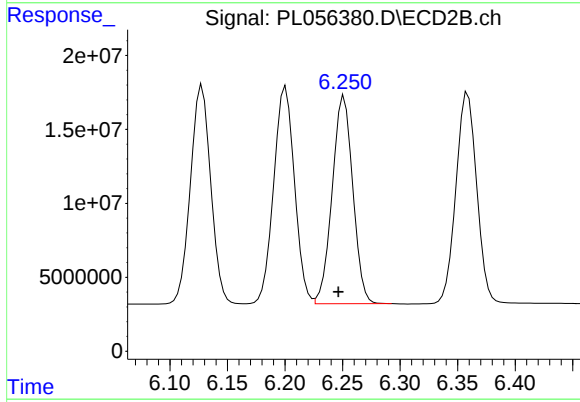
R.T.: 5.893 min  
Delta R.T.: 0.004 min  
Response: 155859633  
Conc: 50.07 ng/ml



#9 Endosulfan I

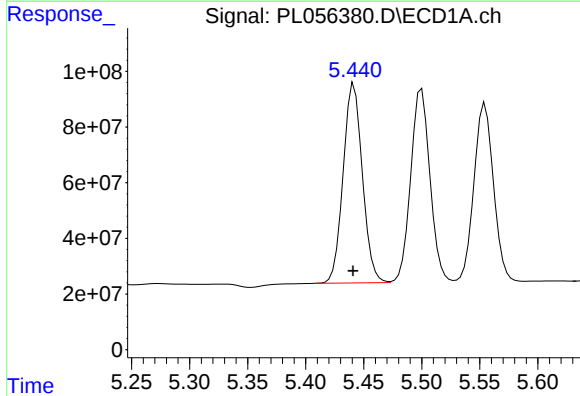
R.T.: 5.555 min  
Delta R.T.: 0.001 min  
Response: 749509100  
Conc: 51.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



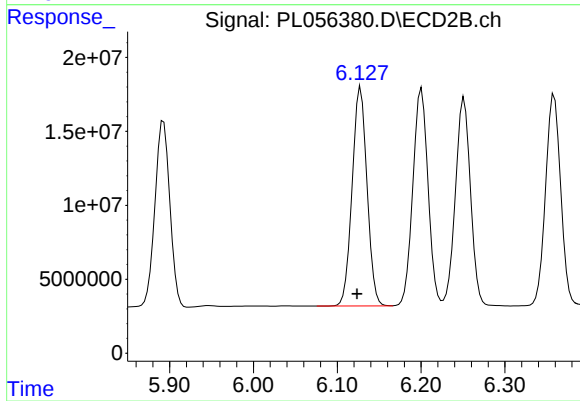
#9 Endosulfan I

R.T.: 6.251 min  
Delta R.T.: 0.005 min  
Response: 175345551  
Conc: 58.59 ng/ml



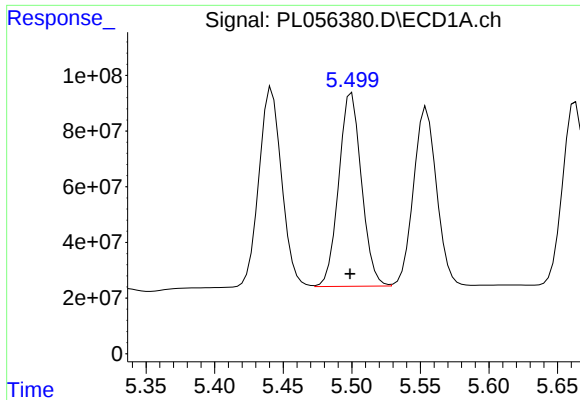
#10 gamma-Chlordane

R.T.: 5.442 min  
Delta R.T.: 0.000 min  
Response: 825343940  
Conc: 52.63 ng/ml



#10 gamma-Chlordane

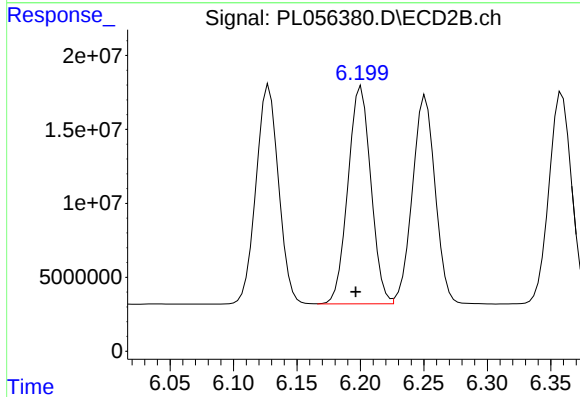
R.T.: 6.128 min  
Delta R.T.: 0.004 min  
Response: 183090349  
Conc: 57.57 ng/ml



#11 alpha-Chlordane

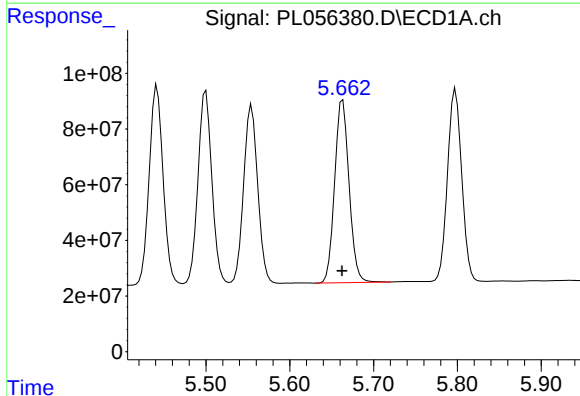
R.T.: 5.500 min  
Delta R.T.: 0.001 min  
Response: 802716469  
Conc: 52.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



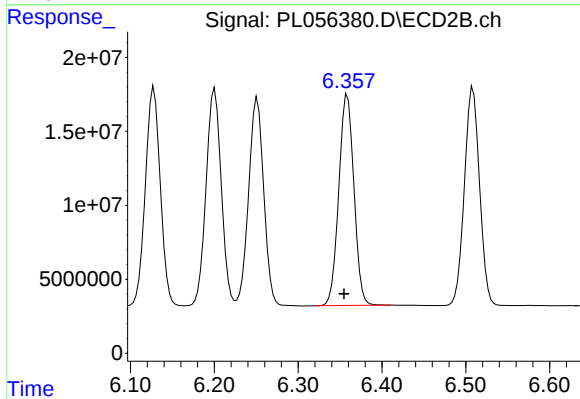
#11 alpha-Chlordane

R.T.: 6.201 min  
Delta R.T.: 0.004 min  
Response: 184852996  
Conc: 58.32 ng/ml



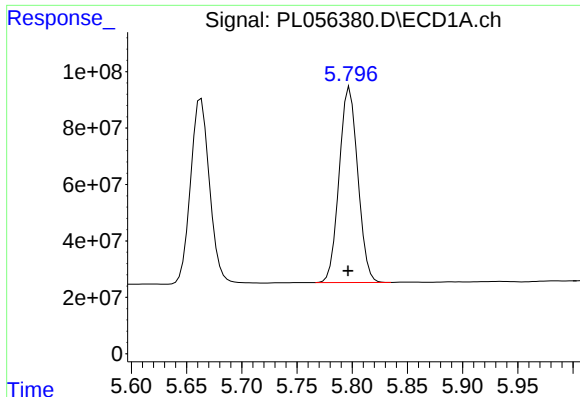
#12 4,4'-DDE

R.T.: 5.663 min  
Delta R.T.: 0.000 min  
Response: 784623820  
Conc: 54.14 ng/ml



#12 4,4'-DDE

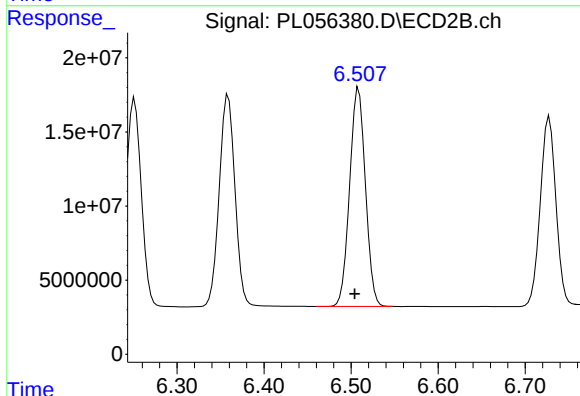
R.T.: 6.359 min  
Delta R.T.: 0.004 min  
Response: 179185810  
Conc: 59.82 ng/ml



#13 Dieldrin

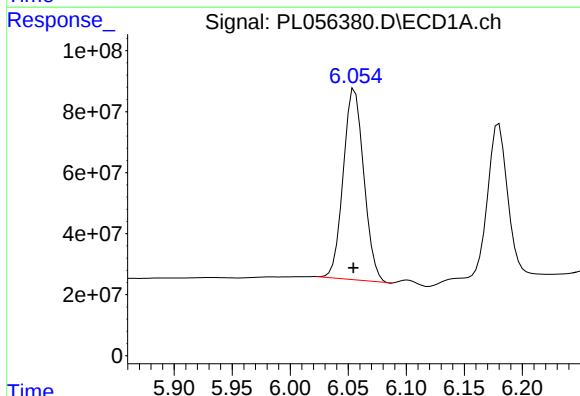
R.T.: 5.798 min  
Delta R.T.: 0.001 min  
Response: 813372756  
Conc: 52.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



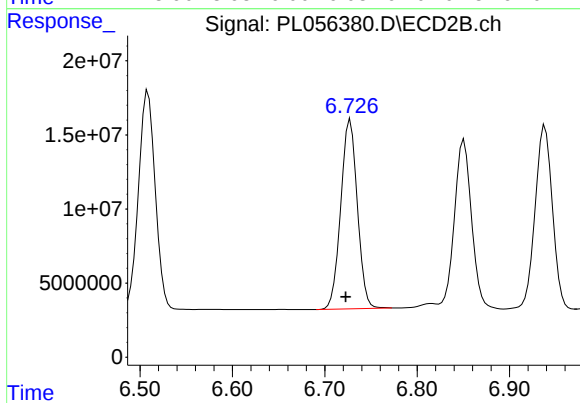
#13 Dieldrin

R.T.: 6.509 min  
Delta R.T.: 0.004 min  
Response: 185829871  
Conc: 59.87 ng/ml



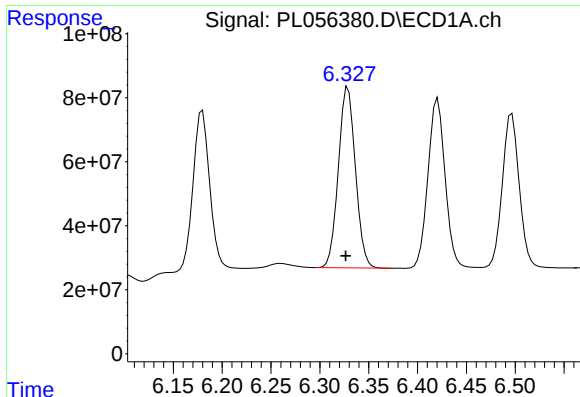
#14 Endrin

R.T.: 6.056 min  
Delta R.T.: 0.001 min  
Response: 773134161  
Conc: 55.02 ng/ml



#14 Endrin

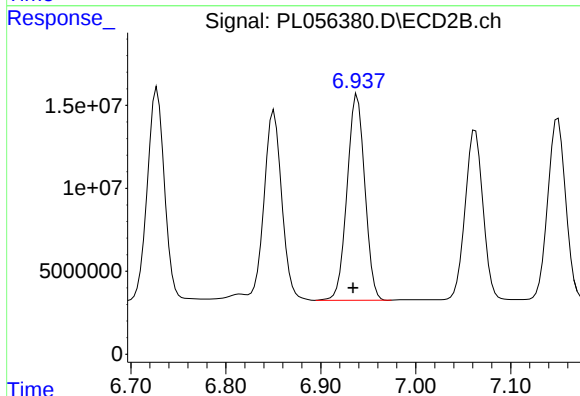
R.T.: 6.728 min  
Delta R.T.: 0.005 min  
Response: 159609974  
Conc: 60.90 ng/ml



#15 Endosulfan II

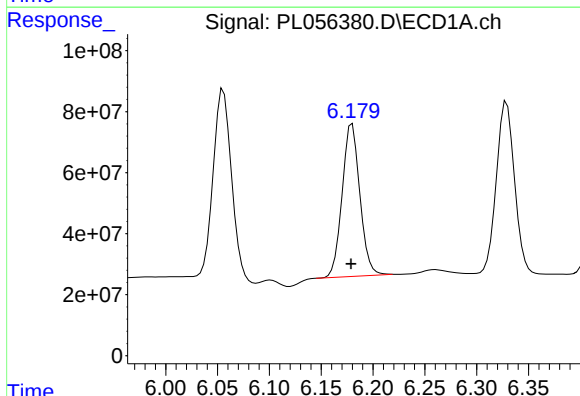
R.T.: 6.329 min  
Delta R.T.: 0.002 min  
Response: 687983881  
Conc: 52.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



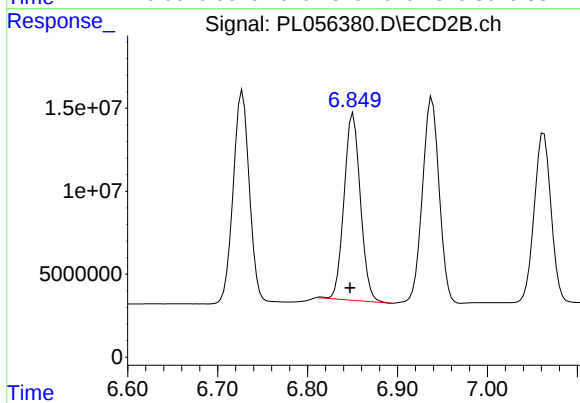
#15 Endosulfan II

R.T.: 6.938 min  
Delta R.T.: 0.005 min  
Response: 160697432  
Conc: 59.69 ng/ml



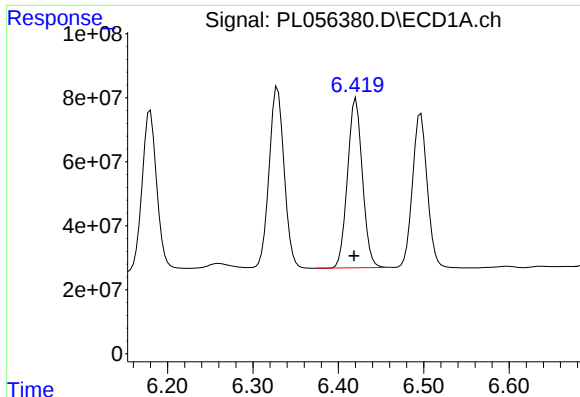
#16 4,4'-DDD

R.T.: 6.180 min  
Delta R.T.: 0.001 min  
Response: 596474461  
Conc: 55.49 ng/ml



#16 4,4'-DDD

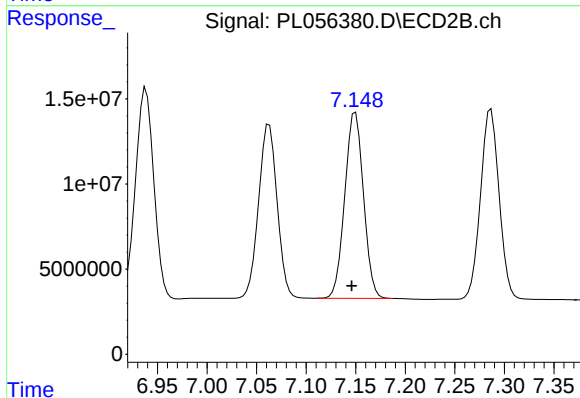
R.T.: 6.851 min  
Delta R.T.: 0.004 min  
Response: 142130684  
Conc: 60.24 ng/ml



#17 4,4'-DDT

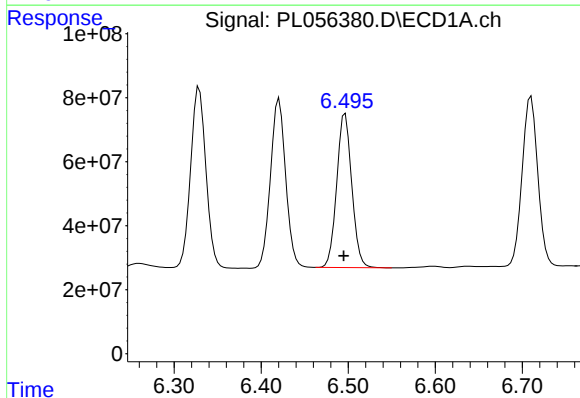
R.T.: 6.421 min  
Delta R.T.: 0.002 min  
Response: 641716642  
Conc: 58.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



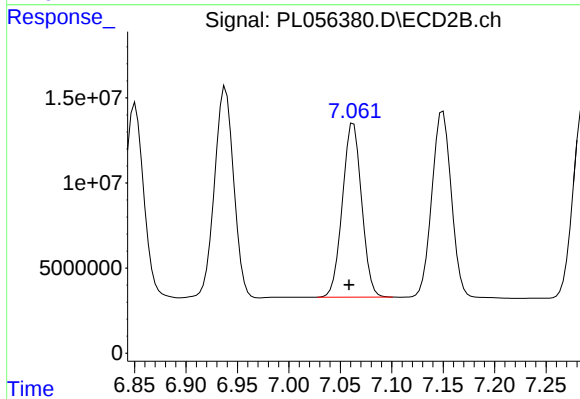
#17 4,4'-DDT

R.T.: 7.150 min  
Delta R.T.: 0.004 min  
Response: 143411001  
Conc: 62.47 ng/ml



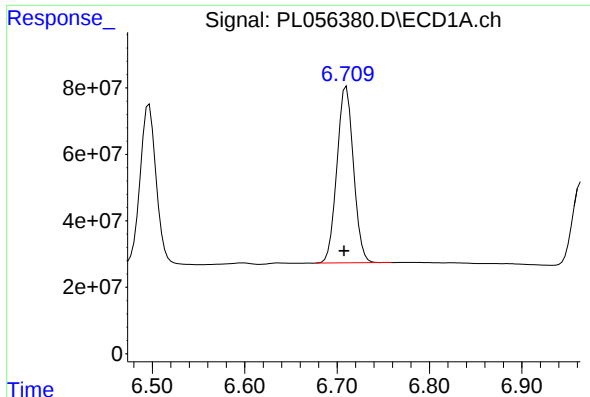
#18 Endrin aldehyde

R.T.: 6.497 min  
Delta R.T.: 0.002 min  
Response: 578845615  
Conc: 52.91 ng/ml



#18 Endrin aldehyde

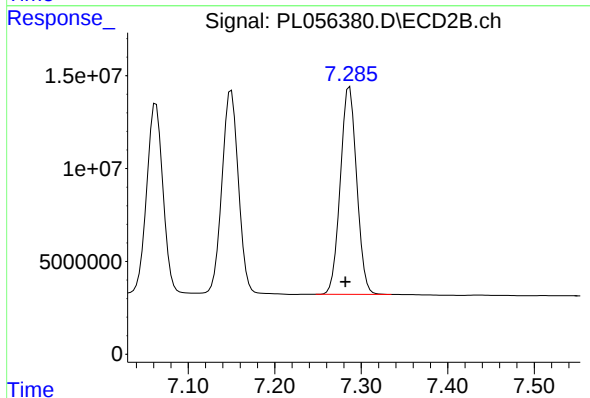
R.T.: 7.063 min  
Delta R.T.: 0.004 min  
Response: 133027654  
Conc: 58.60 ng/ml



#19 Endosulfan Sulfate

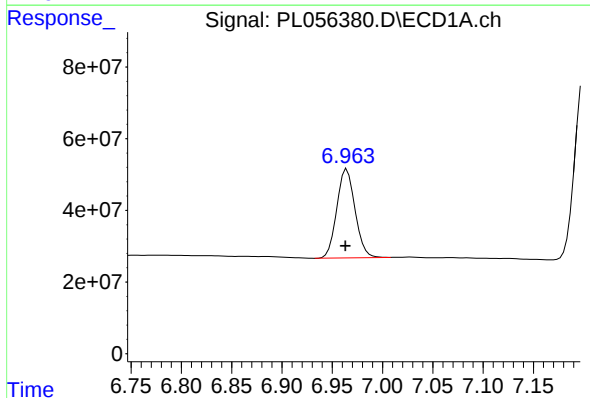
R.T.: 6.710 min  
Delta R.T.: 0.002 min  
Response: 662140567  
Conc: 54.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



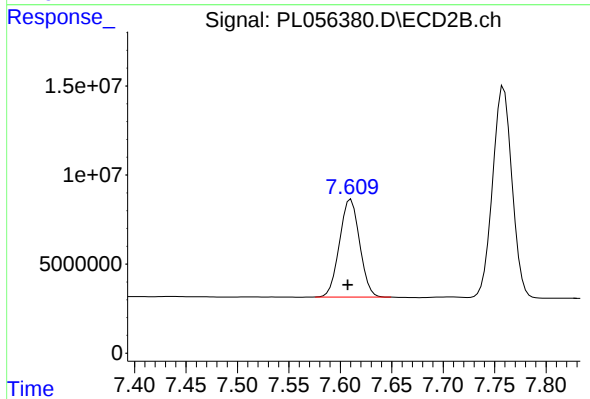
#19 Endosulfan Sulfate

R.T.: 7.287 min  
Delta R.T.: 0.005 min  
Response: 146197073  
Conc: 57.77 ng/ml



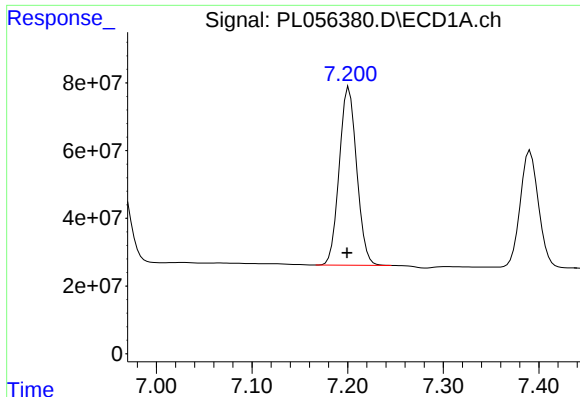
#20 Methoxychlor

R.T.: 6.965 min  
Delta R.T.: 0.001 min  
Response: 313023006  
Conc: 58.92 ng/ml



#20 Methoxychlor

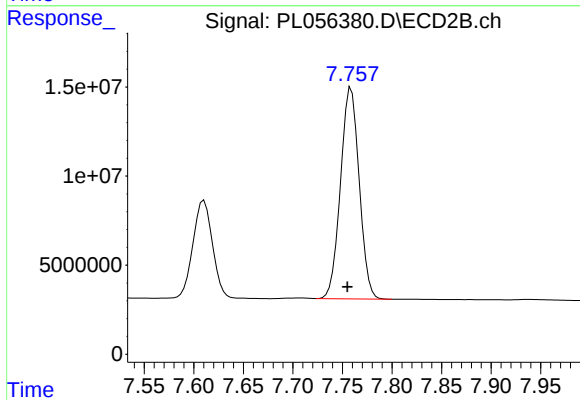
R.T.: 7.610 min  
Delta R.T.: 0.003 min  
Response: 74799660  
Conc: 61.01 ng/ml



#21 Endrin ketone

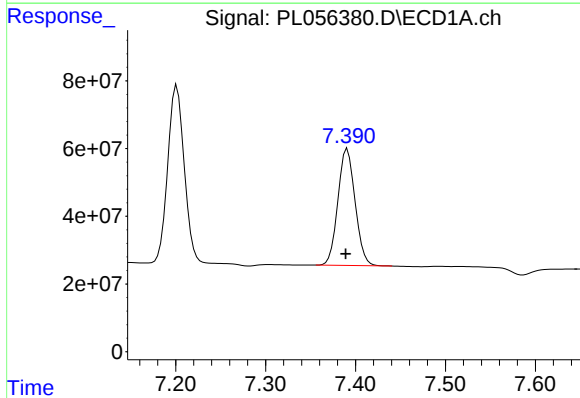
R.T.: 7.201 min  
Delta R.T.: 0.002 min  
Response: 668528551  
Conc: 51.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



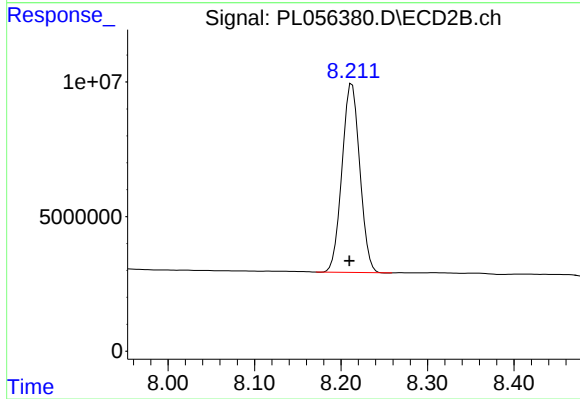
#21 Endrin ketone

R.T.: 7.759 min  
Delta R.T.: 0.004 min  
Response: 155575834  
Conc: 58.34 ng/ml



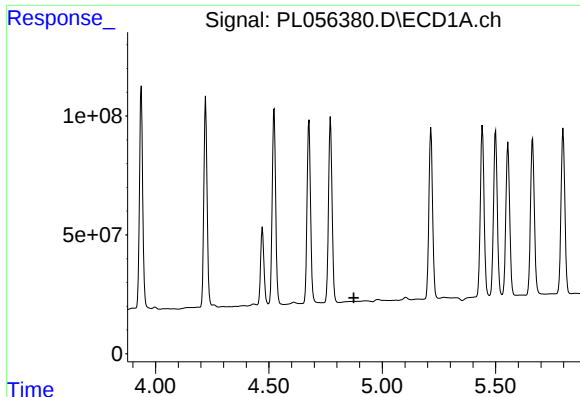
#22 Mirex

R.T.: 7.391 min  
Delta R.T.: 0.002 min  
Response: 458653151  
Conc: 49.64 ng/ml



#22 Mirex

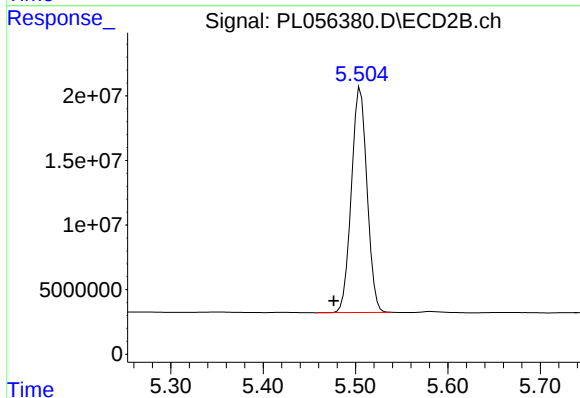
R.T.: 8.213 min  
Delta R.T.: 0.003 min  
Response: 99673330  
Conc: 54.83 ng/ml



#24 Chlordane-2

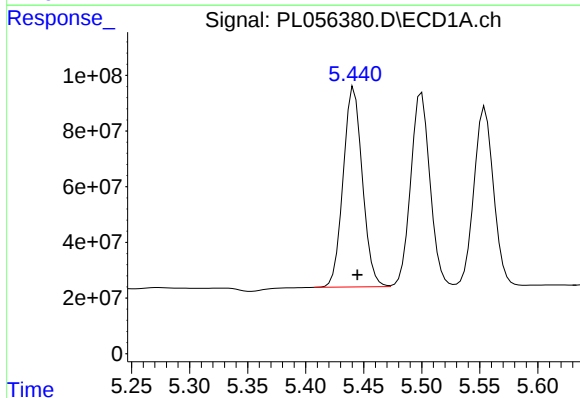
R.T.: 0.000 min  
Exp R.T.: 4.875 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



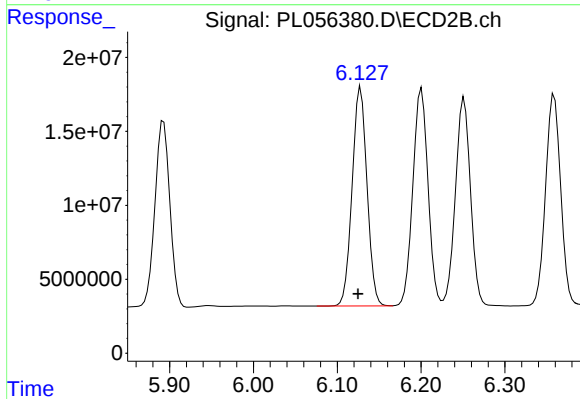
#24 Chlordane-2

R.T.: 5.505 min  
Delta R.T.: 0.029 min  
Response: 204802891  
Conc: 2073.58 ng/ml



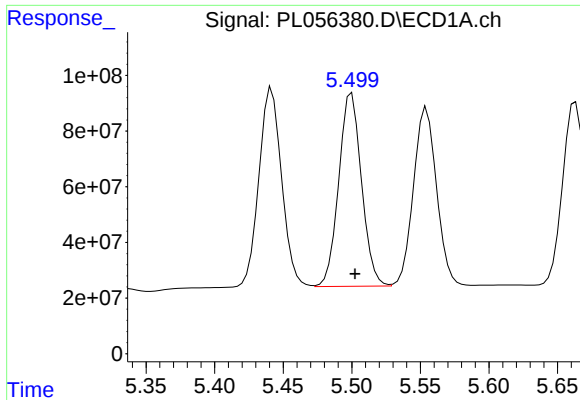
#25 Chlordane-3

R.T.: 5.442 min  
Delta R.T.: -0.003 min  
Response: 825343940  
Conc: 653.72 ng/ml



#25 Chlordane-3

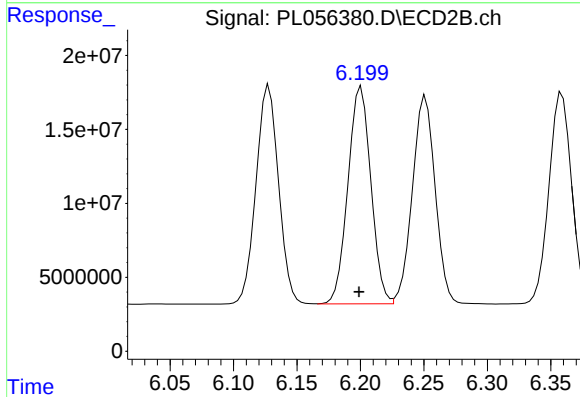
R.T.: 6.128 min  
Delta R.T.: 0.003 min  
Response: 183090349  
Conc: 487.16 ng/ml



#26 Chlordane-4

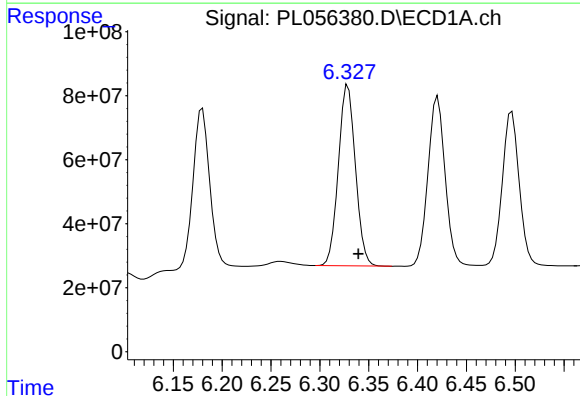
R.T.: 5.500 min  
Delta R.T.: -0.002 min  
Response: 802716469  
Conc: 741.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



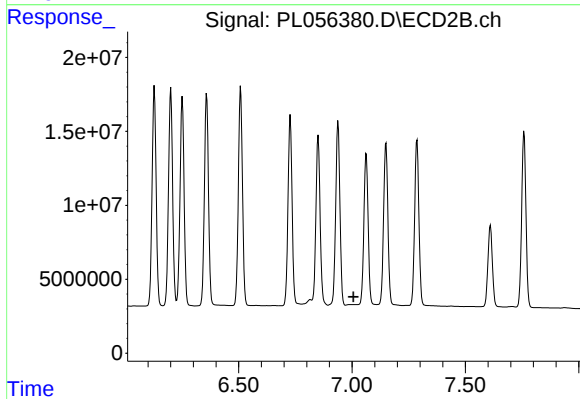
#26 Chlordane-4

R.T.: 6.201 min  
Delta R.T.: 0.002 min  
Response: 184852996  
Conc: 420.74 ng/ml



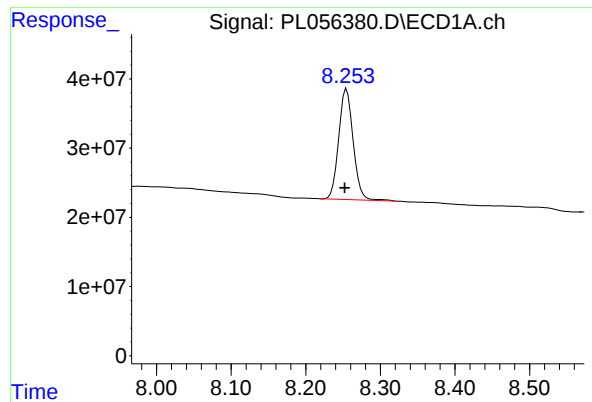
#27 Chlordane-5

R.T.: 6.329 min  
Delta R.T.: -0.010 min  
Response: 687983881  
Conc: 1658.46 ng/ml



#27 Chlordane-5

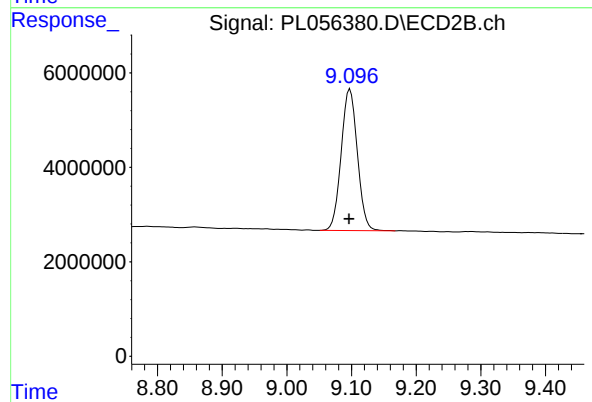
R.T.: 0.000 min  
Exp R.T.: 7.007 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.255 min  
Delta R.T.: 0.002 min  
Response: 215563928  
Conc: 20.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.098 min  
Delta R.T.: 0.002 min  
Response: 52029979  
Conc: 23.00 ng/ml