

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102519\  
 Data File : PL053781.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Oct 2019 23:08  
 Operator : SG\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 25 23:34:16 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 2019  
 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... | 3.543  | 4.045  | 590.2E6 | 133.8E6  | 54.453   | 53.462     |
| 2)                          | SA Decachlor... | 8.326  | 9.123  | 474.3E6 | 144.5E6  | 48.341   | 51.311     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.986  | 4.436  | 940.1E6 | 187.3E6  | 53.917   | 54.188     |
| 3)                          | MA gamma-BHC... | 4.273  | 4.722  | 841.8E6 | 173.1E6  | 54.051   | 53.740     |
| 4)                          | MA Heptachlor   | 4.580  | 5.231  | 834.0E6 | 164.4E6  | 52.843   | 51.028     |
| 5)                          | MB Aldrin       | 4.831  | 5.537  | 768.8E6 | 151.7E6  | 53.776   | 50.865     |
| 6)                          | B beta-BHC      | 4.523  | 4.891  | 342.1E6 | 78698092 | 51.908   | 50.950     |
| 7)                          | B delta-BHC     | 4.731  | 5.109  | 815.8E6 | 161.5E6  | 53.596   | 53.465     |
| 8)                          | B Heptachlo...  | 5.276  | 5.923  | 702.4E6 | 145.8E6  | 52.034   | 49.994     |
| 9)                          | A Endosulfan I  | 5.619  | 6.280  | 628.7E6 | 132.8E6  | 51.143   | 48.971     |
| 10)                         | B gamma-Chl...  | 5.505  | 6.156  | 706.2E6 | 143.6E6  | 51.760   | 49.226     |
| 11)                         | B alpha-Chl...  | 5.564  | 6.230  | 679.9E6 | 144.5E6  | 51.106   | 49.509     |
| 12)                         | B 4,4'-DDE      | 5.727  | 6.385  | 621.7E6 | 142.6E6  | 52.321   | 50.623     |
| 13)                         | MA Dieldrin     | 5.863  | 6.537  | 667.8E6 | 142.2E6  | 51.237   | 49.820     |
| 14)                         | MA Endrin       | 6.122  | 6.755  | 588.1E6 | 121.8E6  | 50.733   | 50.185     |
| 15)                         | B Endosulfa...  | 6.394  | 6.963  | 549.0E6 | 125.7E6  | 49.100   | 49.202     |
| 16)                         | A 4,4'-DDD      | 6.245  | 6.875  | 470.5E6 | 109.5E6  | 52.869   | 52.563     |
| 17)                         | MA 4,4'-DDT     | 6.487  | 7.174  | 494.7E6 | 117.3E6  | 49.935   | 50.714     |
| 18)                         | B Endrin al...  | 6.563  | 7.087  | 443.4E6 | 109.0E6  | 48.362   | 49.602     |
| 19)                         | B Endosulfa...  | 6.777  | 7.310  | 494.5E6 | 120.8E6  | 48.620   | 49.234     |
| 20)                         | A Methoxychlor  | 7.031  | 7.632  | 247.6E6 | 64270714 | 50.210   | 49.480     |
| 21)                         | B Endrin ke...  | 7.270  | 7.782  | 534.9E6 | 128.7E6  | 49.687   | 49.907     |
| 22)                         | Mirex           | 7.463  | 8.236  | 396.9E6 | 95717581 | 46.408   | 47.313     |
| 23)                         | Chlordane-1     | 4.450f | 0.000  | 4792621 | 0        | 13.513   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.537f | 0       | 151.7E6  | N.D.     | 1544.037 # |
| 25)                         | Chlordane-3     | 5.505  | 6.156  | 706.2E6 | 143.6E6  | 612.646  | 393.267 #  |
| 26)                         | Chlordane-4     | 5.564  | 6.230  | 679.9E6 | 144.5E6  | 725.248  | 321.936 #  |
| 27)                         | Chlordane-5     | 6.394  | 0.000  | 549.0E6 | 0        | 1501.747 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

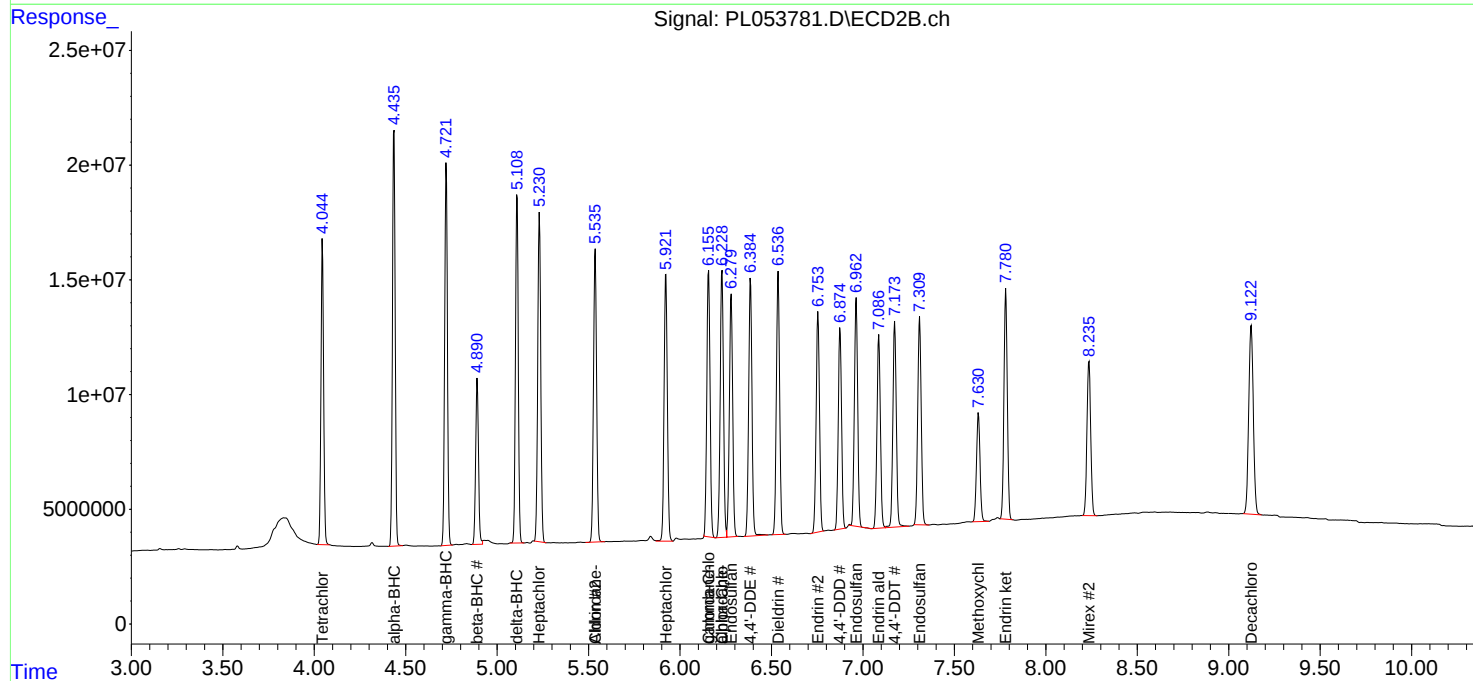
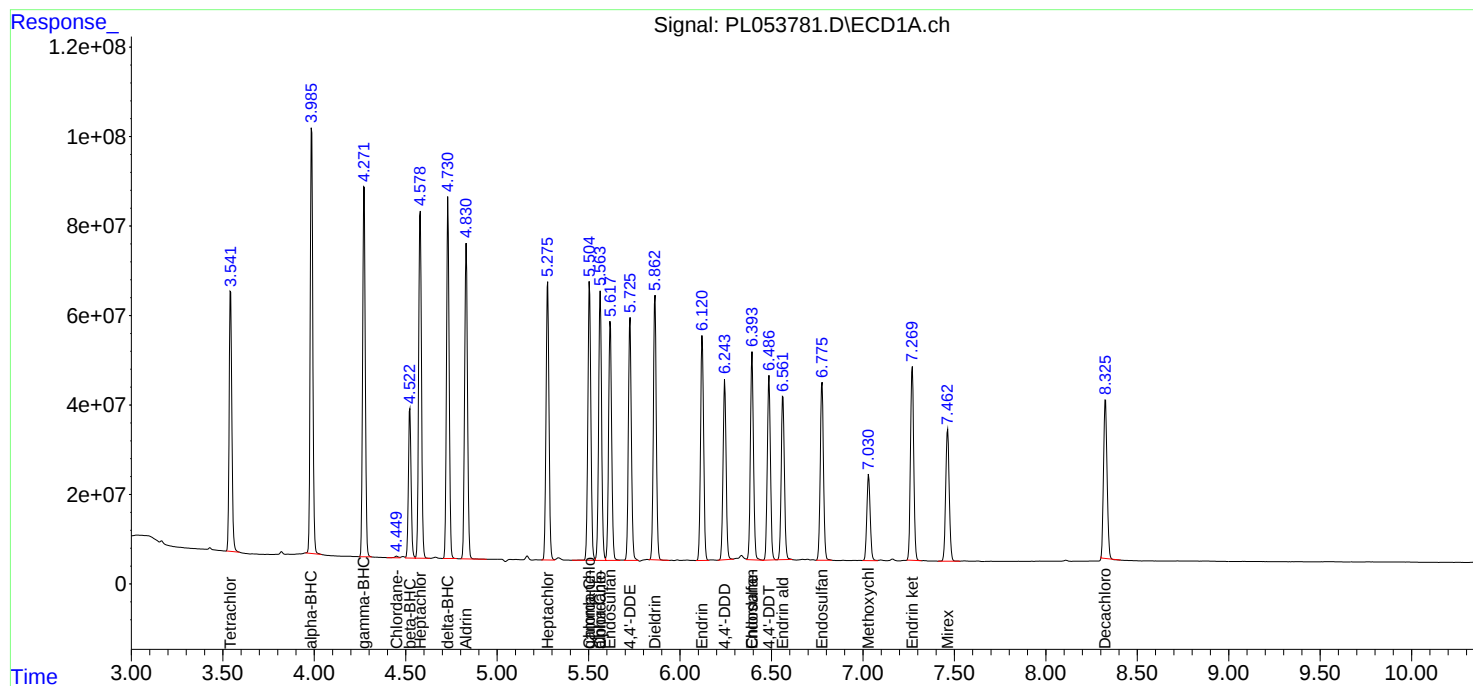
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

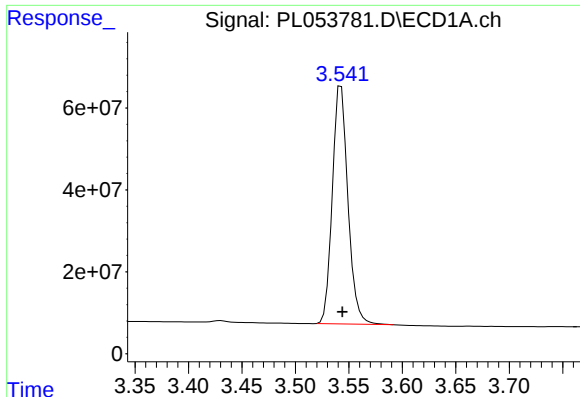
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102519\  
Data File : PL053781.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Oct 2019 23:08  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 25 23:34:16 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 2019  
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

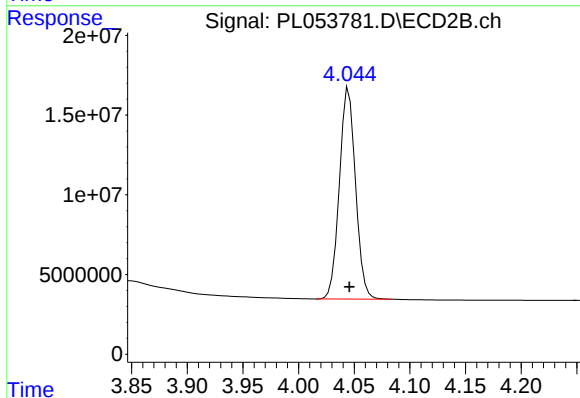




#1 Tetrachloro-m-xylene

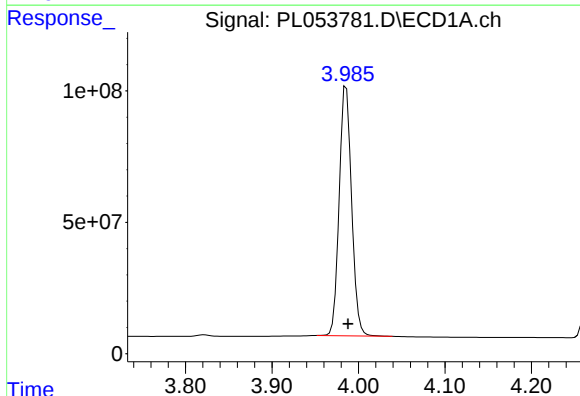
R.T.: 3.543 min  
Delta R.T.: -0.001 min  
Response: 590237818  
Conc: 54.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



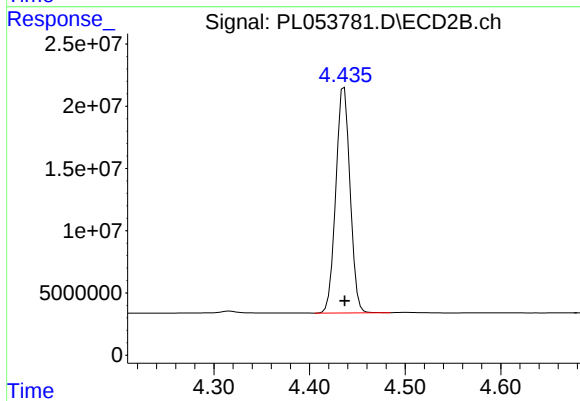
#1 Tetrachloro-m-xylene

R.T.: 4.045 min  
Delta R.T.: 0.000 min  
Response: 133783281  
Conc: 53.46 ng/ml



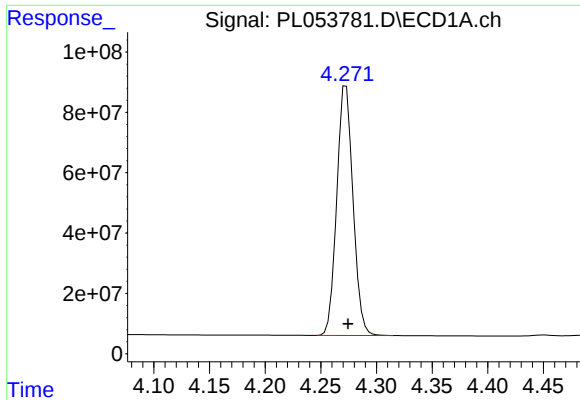
#2 alpha-BHC

R.T.: 3.986 min  
Delta R.T.: -0.002 min  
Response: 940128384  
Conc: 53.92 ng/ml



#2 alpha-BHC

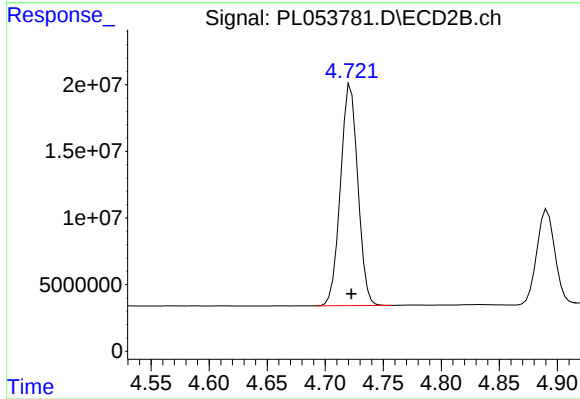
R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 187332834  
Conc: 54.19 ng/ml



#3 gamma-BHC (Lindane)

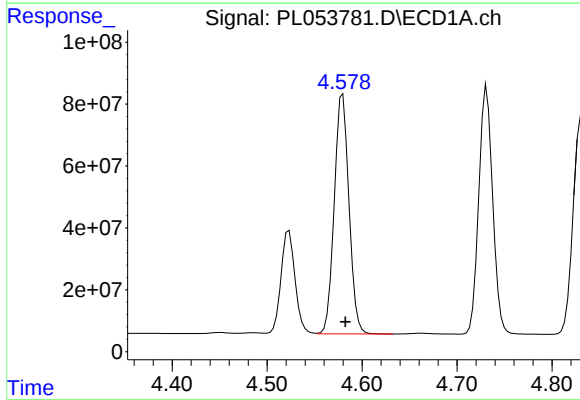
R.T.: 4.273 min  
Delta R.T.: -0.002 min  
Response: 841762441  
Conc: 54.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



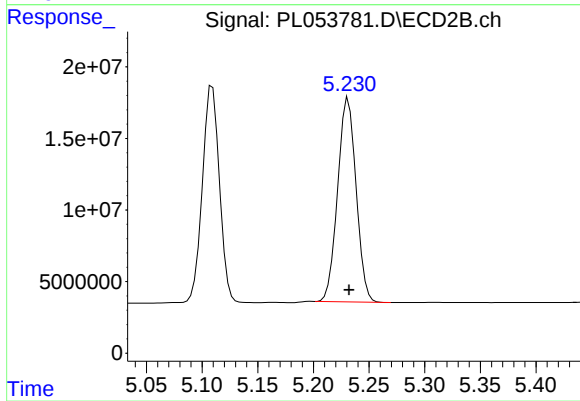
#3 gamma-BHC (Lindane)

R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 173063536  
Conc: 53.74 ng/ml



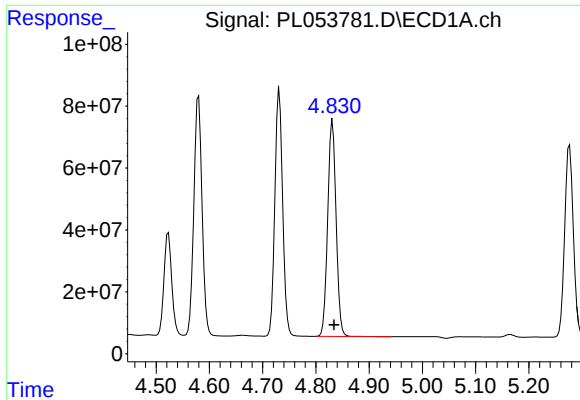
#4 Heptachlor

R.T.: 4.580 min  
Delta R.T.: -0.003 min  
Response: 834016108  
Conc: 52.84 ng/ml



#4 Heptachlor

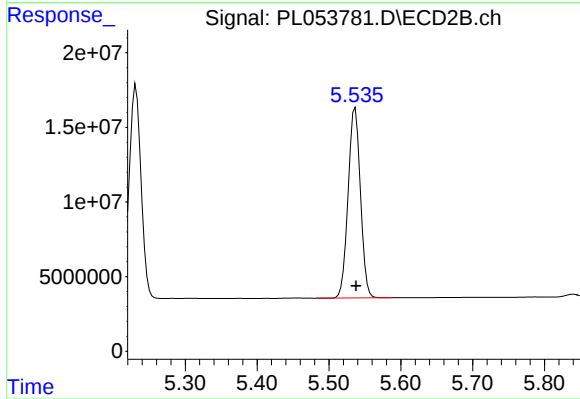
R.T.: 5.231 min  
Delta R.T.: 0.000 min  
Response: 164421637  
Conc: 51.03 ng/ml



#5 Aldrin

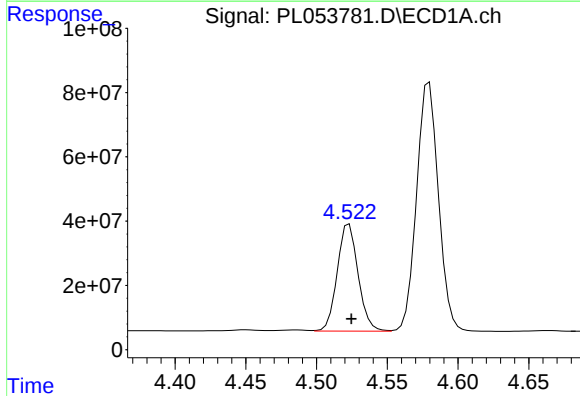
R.T.: 4.831 min  
Delta R.T.: -0.003 min  
Response: 768768932  
Conc: 53.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



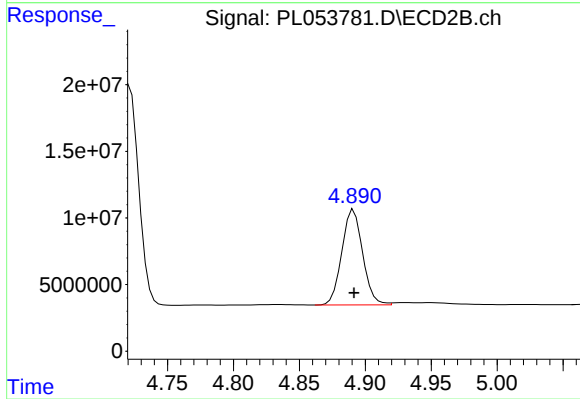
#5 Aldrin

R.T.: 5.537 min  
Delta R.T.: -0.001 min  
Response: 151657608  
Conc: 50.87 ng/ml



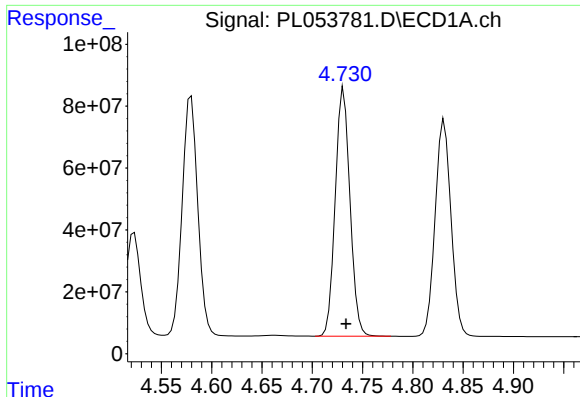
#6 beta-BHC

R.T.: 4.523 min  
Delta R.T.: -0.002 min  
Response: 342068622  
Conc: 51.91 ng/ml



#6 beta-BHC

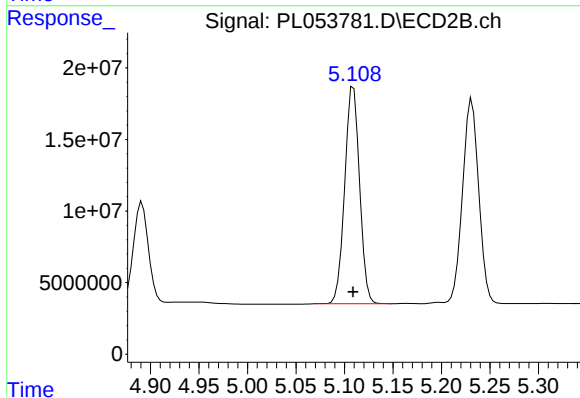
R.T.: 4.891 min  
Delta R.T.: 0.000 min  
Response: 78698092  
Conc: 50.95 ng/ml



#7 delta-BHC

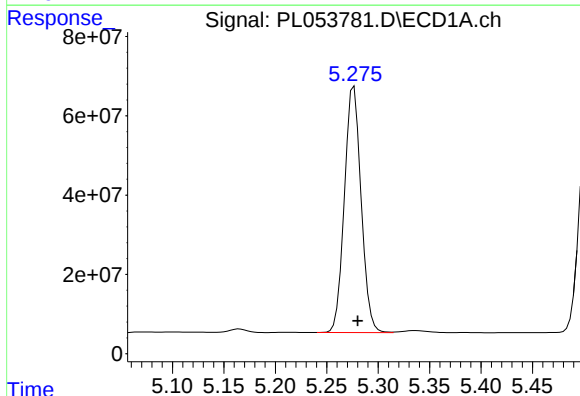
R.T.: 4.731 min  
Delta R.T.: -0.002 min  
Response: 815787894  
Conc: 53.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



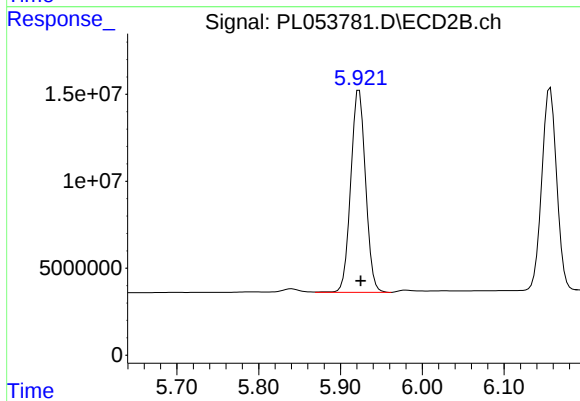
#7 delta-BHC

R.T.: 5.109 min  
Delta R.T.: 0.000 min  
Response: 161497600  
Conc: 53.47 ng/ml



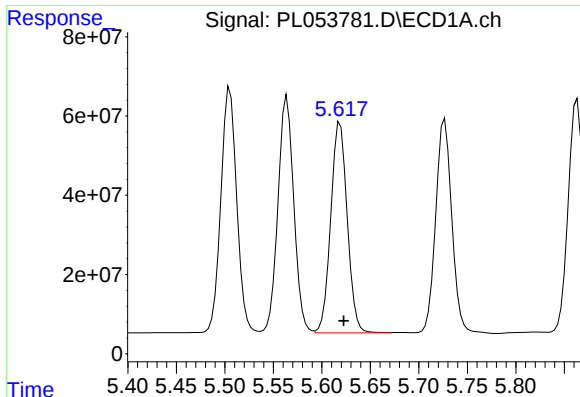
#8 Heptachlor epoxide

R.T.: 5.276 min  
Delta R.T.: -0.004 min  
Response: 702419828  
Conc: 52.03 ng/ml



#8 Heptachlor epoxide

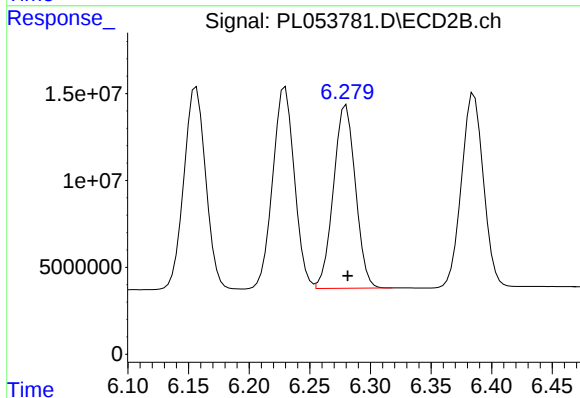
R.T.: 5.923 min  
Delta R.T.: -0.002 min  
Response: 145802492  
Conc: 49.99 ng/ml



#9 Endosulfan I

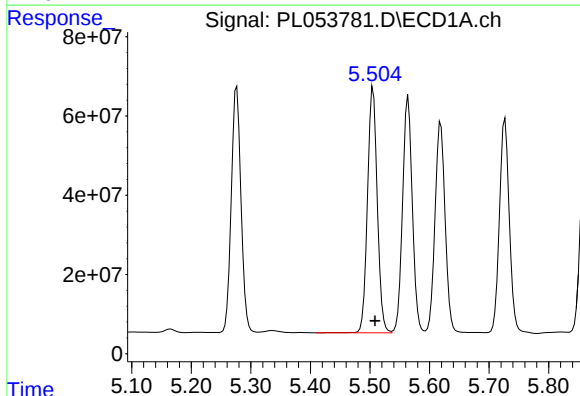
R.T.: 5.619 min  
Delta R.T.: -0.004 min  
Response: 628657806  
Conc: 51.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



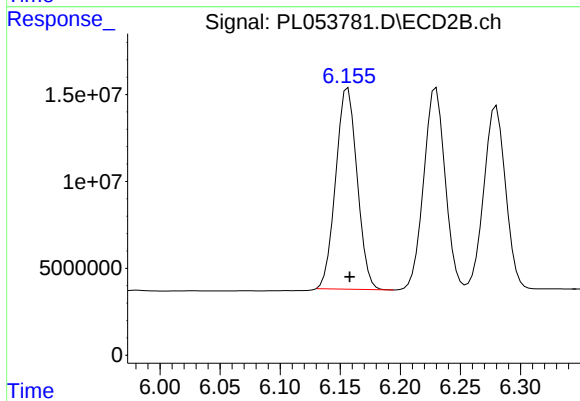
#9 Endosulfan I

R.T.: 6.280 min  
Delta R.T.: -0.001 min  
Response: 132771429  
Conc: 48.97 ng/ml



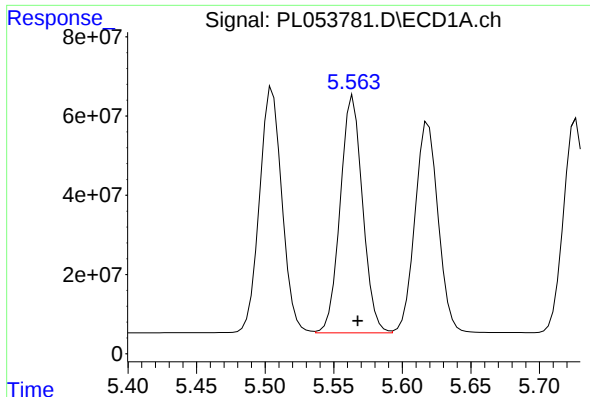
#10 gamma-Chlordane

R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 706188583  
Conc: 51.76 ng/ml



#10 gamma-Chlordane

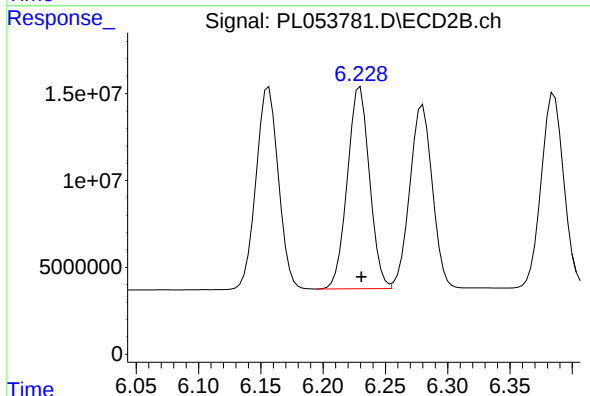
R.T.: 6.156 min  
Delta R.T.: -0.001 min  
Response: 143632899  
Conc: 49.23 ng/ml



#11 alpha-Chlordane

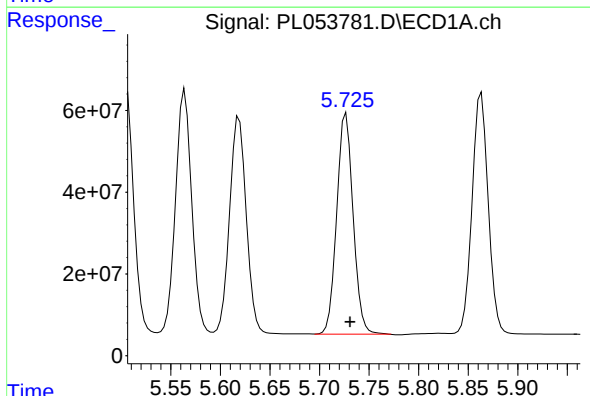
R.T.: 5.564 min  
Delta R.T.: -0.004 min  
Response: 679885217  
Conc: 51.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



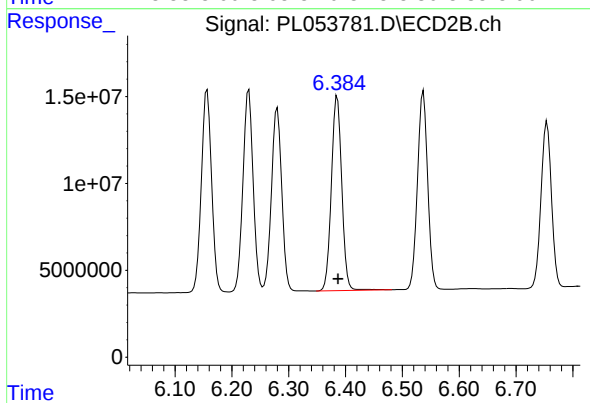
#11 alpha-Chlordane

R.T.: 6.230 min  
Delta R.T.: 0.000 min  
Response: 144528740  
Conc: 49.51 ng/ml



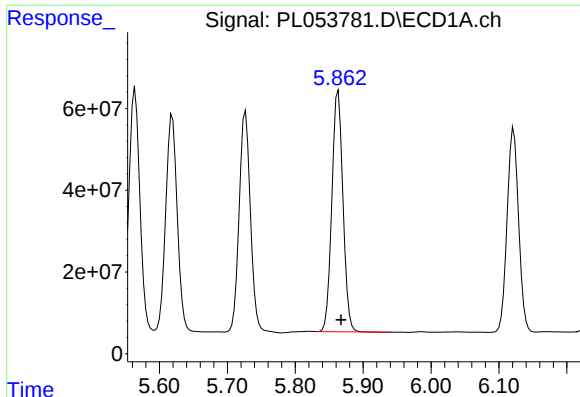
#12 4,4'-DDE

R.T.: 5.727 min  
Delta R.T.: -0.004 min  
Response: 621689201  
Conc: 52.32 ng/ml



#12 4,4'-DDE

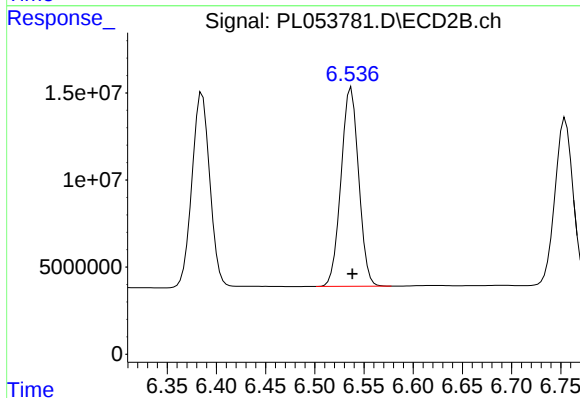
R.T.: 6.385 min  
Delta R.T.: -0.001 min  
Response: 142572464  
Conc: 50.62 ng/ml



#13 Dieldrin

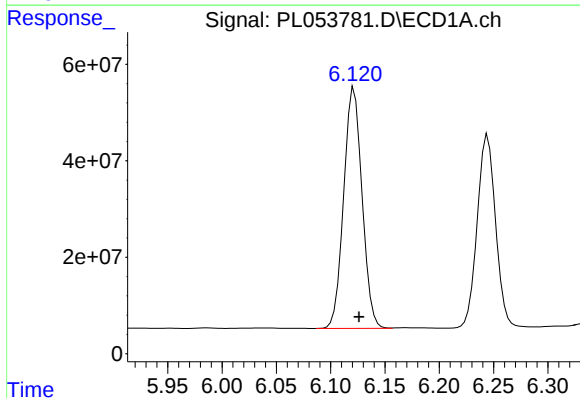
R.T.: 5.863 min  
Delta R.T.: -0.004 min  
Response: 667801419  
Conc: 51.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



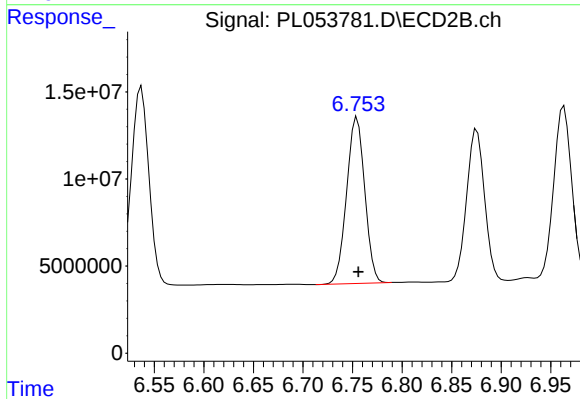
#13 Dieldrin

R.T.: 6.537 min  
Delta R.T.: -0.001 min  
Response: 142168904  
Conc: 49.82 ng/ml



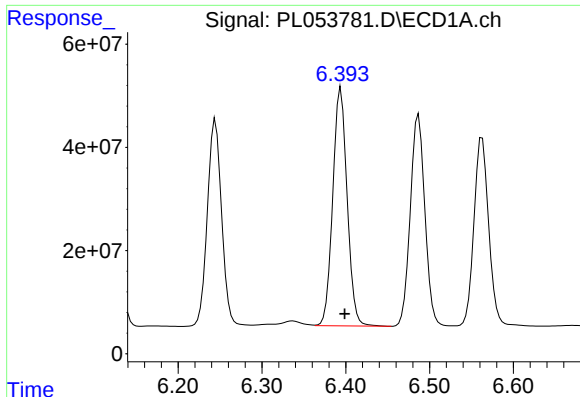
#14 Endrin

R.T.: 6.122 min  
Delta R.T.: -0.004 min  
Response: 588060117  
Conc: 50.73 ng/ml



#14 Endrin

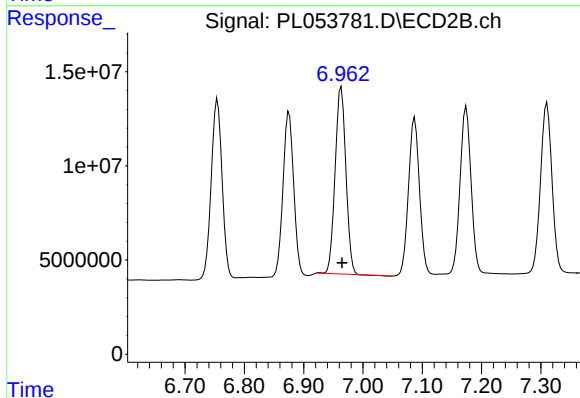
R.T.: 6.755 min  
Delta R.T.: -0.001 min  
Response: 121808238  
Conc: 50.18 ng/ml



#15 Endosulfan II

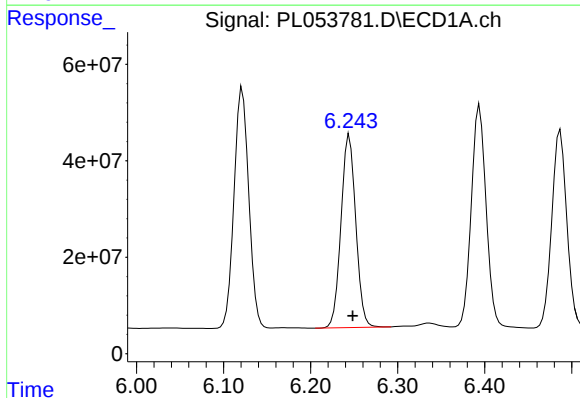
R.T.: 6.394 min  
Delta R.T.: -0.005 min  
Response: 548954979  
Conc: 49.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



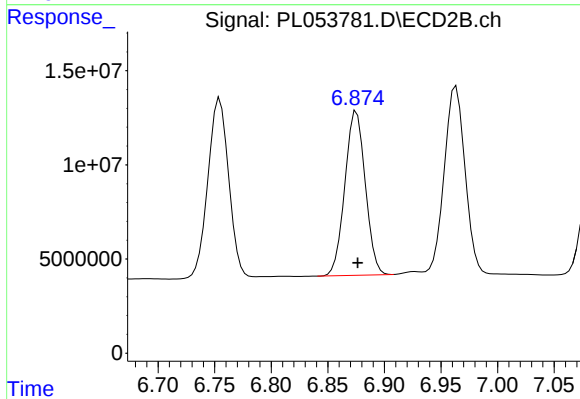
#15 Endosulfan II

R.T.: 6.963 min  
Delta R.T.: -0.002 min  
Response: 125686595  
Conc: 49.20 ng/ml



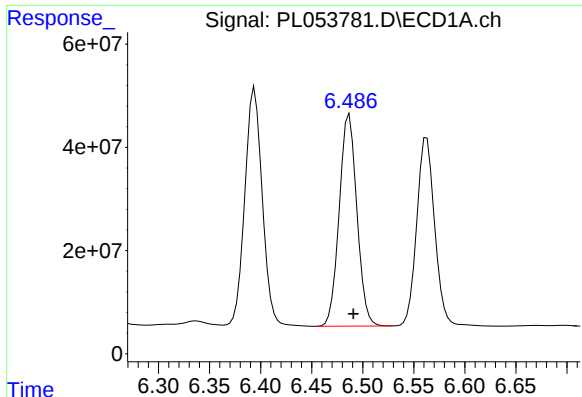
#16 4,4'-DDD

R.T.: 6.245 min  
Delta R.T.: -0.004 min  
Response: 470530880  
Conc: 52.87 ng/ml



#16 4,4'-DDD

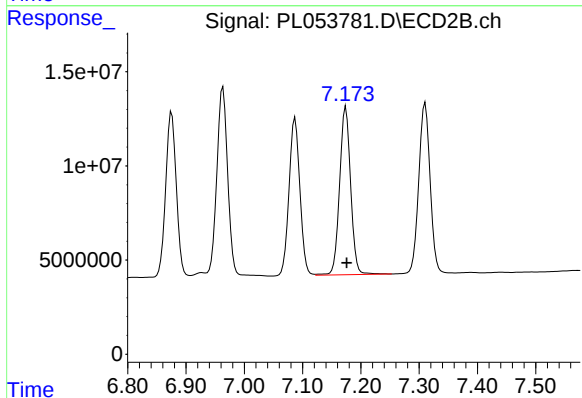
R.T.: 6.875 min  
Delta R.T.: -0.001 min  
Response: 109539372  
Conc: 52.56 ng/ml



#17 4,4'-DDT

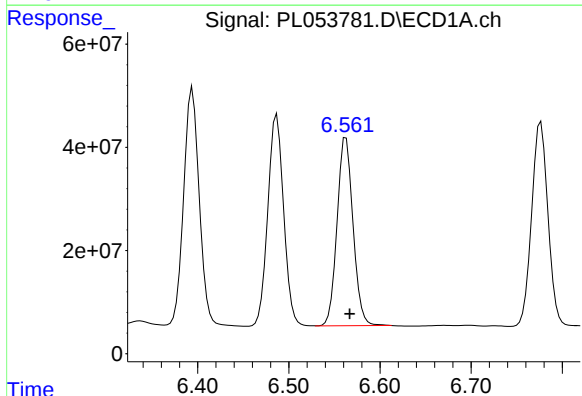
R.T.: 6.487 min  
Delta R.T.: -0.004 min  
Response: 494667699  
Conc: 49.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



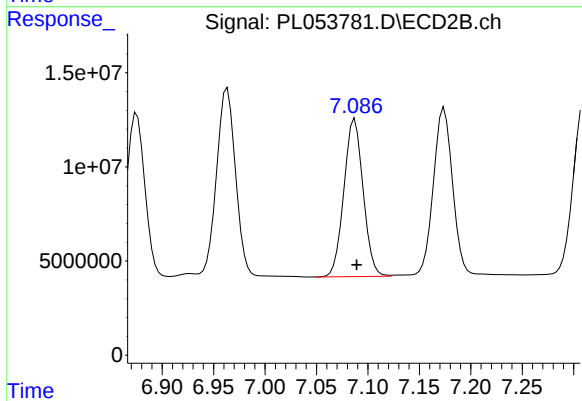
#17 4,4'-DDT

R.T.: 7.174 min  
Delta R.T.: -0.001 min  
Response: 117277165  
Conc: 50.71 ng/ml



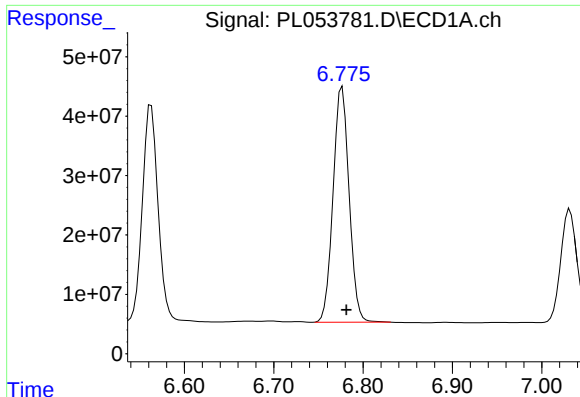
#18 Endrin aldehyde

R.T.: 6.563 min  
Delta R.T.: -0.004 min  
Response: 443445428  
Conc: 48.36 ng/ml



#18 Endrin aldehyde

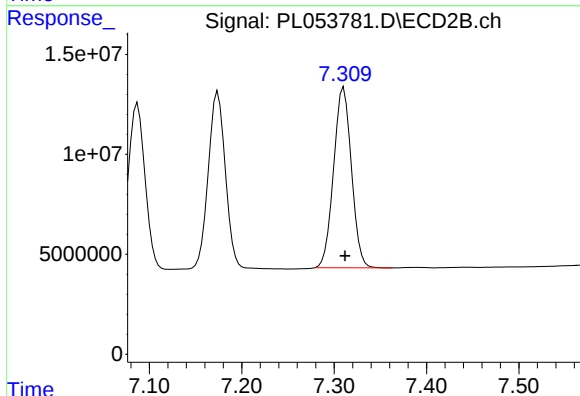
R.T.: 7.087 min  
Delta R.T.: -0.002 min  
Response: 108963905  
Conc: 49.60 ng/ml



#19 Endosulfan Sulfate

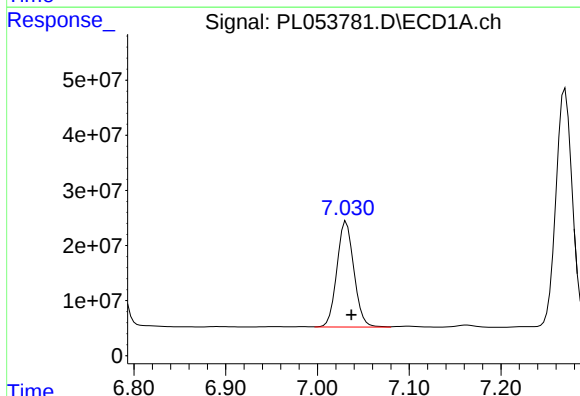
R.T.: 6.777 min  
Delta R.T.: -0.005 min  
Response: 494540174  
Conc: 48.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



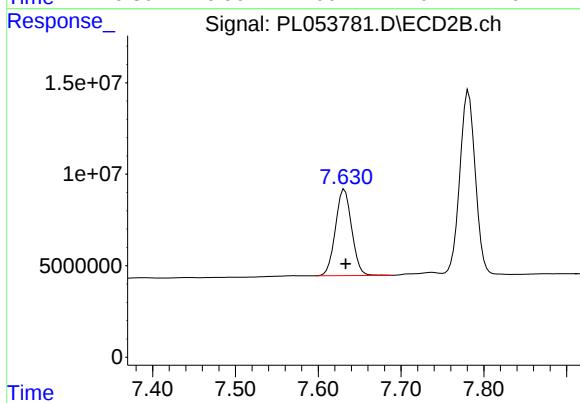
#19 Endosulfan Sulfate

R.T.: 7.310 min  
Delta R.T.: -0.001 min  
Response: 120800587  
Conc: 49.23 ng/ml



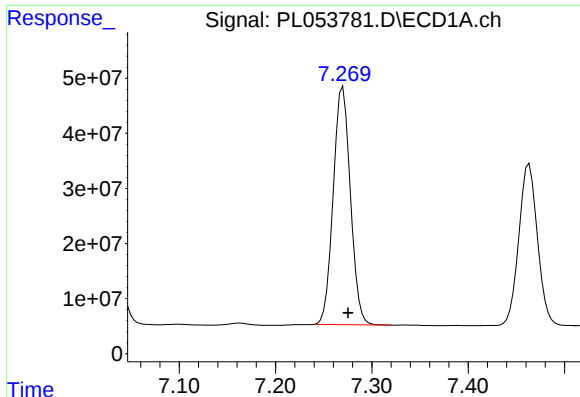
#20 Methoxychlor

R.T.: 7.031 min  
Delta R.T.: -0.006 min  
Response: 247551673  
Conc: 50.21 ng/ml



#20 Methoxychlor

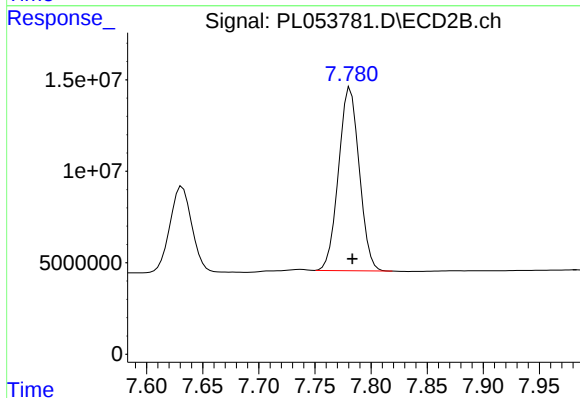
R.T.: 7.632 min  
Delta R.T.: -0.002 min  
Response: 64270714  
Conc: 49.48 ng/ml



#21 Endrin ketone

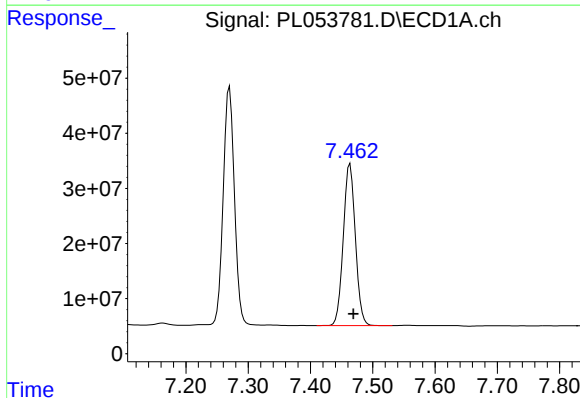
R.T.: 7.270 min  
Delta R.T.: -0.005 min  
Response: 534885982  
Conc: 49.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



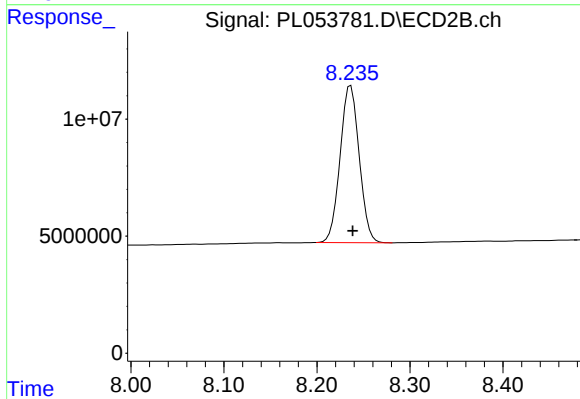
#21 Endrin ketone

R.T.: 7.782 min  
Delta R.T.: -0.002 min  
Response: 128683663  
Conc: 49.91 ng/ml



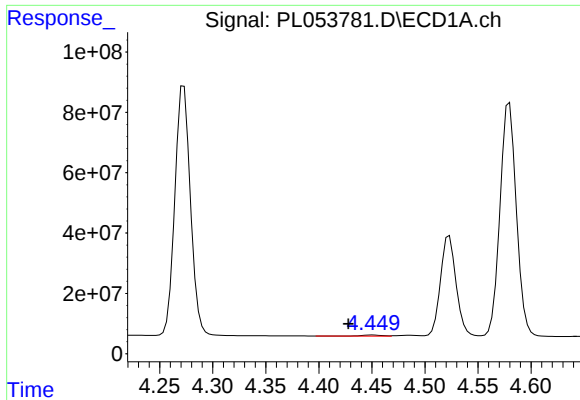
#22 Mirex

R.T.: 7.463 min  
Delta R.T.: -0.006 min  
Response: 396925552  
Conc: 46.41 ng/ml



#22 Mirex

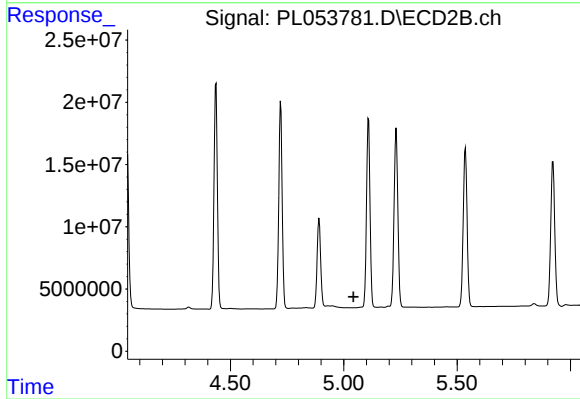
R.T.: 8.236 min  
Delta R.T.: -0.002 min  
Response: 95717581  
Conc: 47.31 ng/ml



#23 Chlordane-1

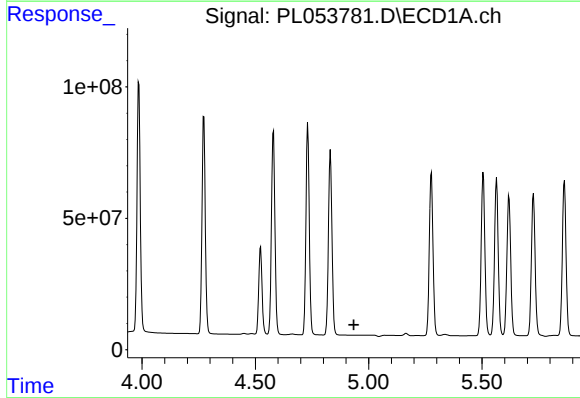
R.T.: 4.450 min  
Delta R.T.: 0.023 min  
Response: 4792621  
Conc: 13.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



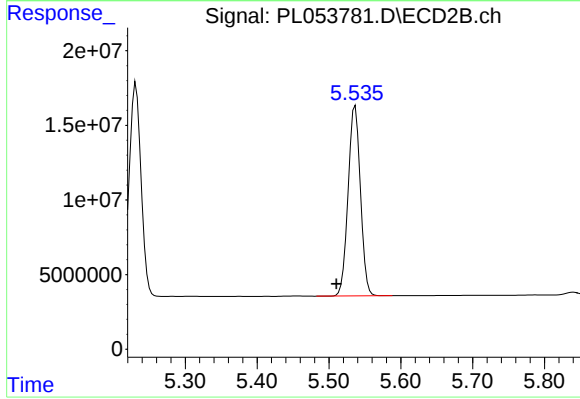
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.043 min  
Response: 0  
Conc: N.D.



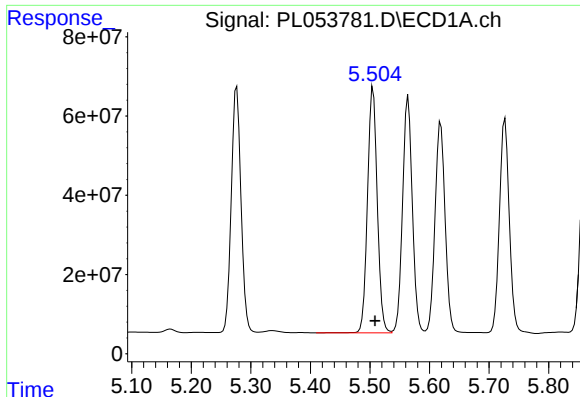
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.934 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

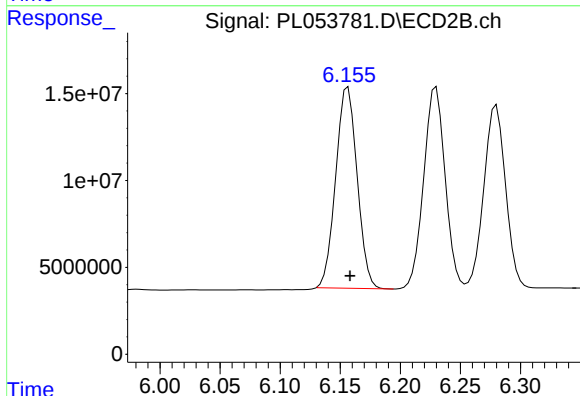
R.T.: 5.537 min  
Delta R.T.: 0.026 min  
Response: 151657608  
Conc: 1544.04 ng/ml



#25 Chlordane-3

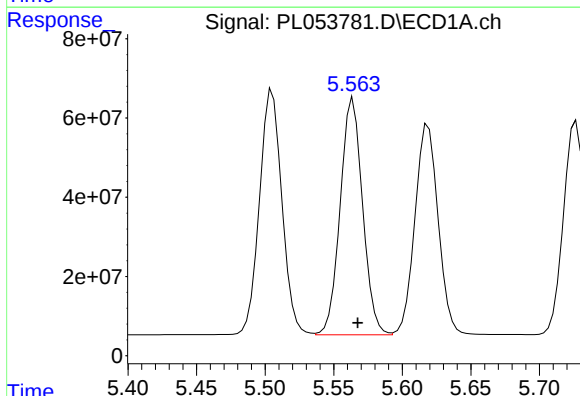
R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 706188583  
Conc: 612.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



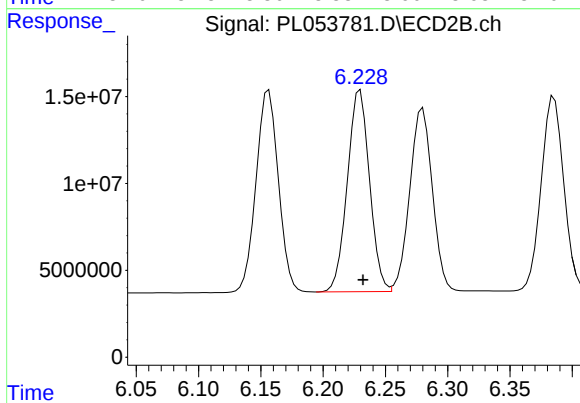
#25 Chlordane-3

R.T.: 6.156 min  
Delta R.T.: -0.002 min  
Response: 143632899  
Conc: 393.27 ng/ml



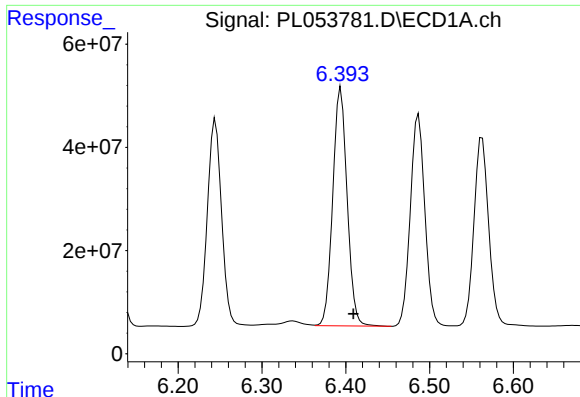
#26 Chlordane-4

R.T.: 5.564 min  
Delta R.T.: -0.003 min  
Response: 679885217  
Conc: 725.25 ng/ml



#26 Chlordane-4

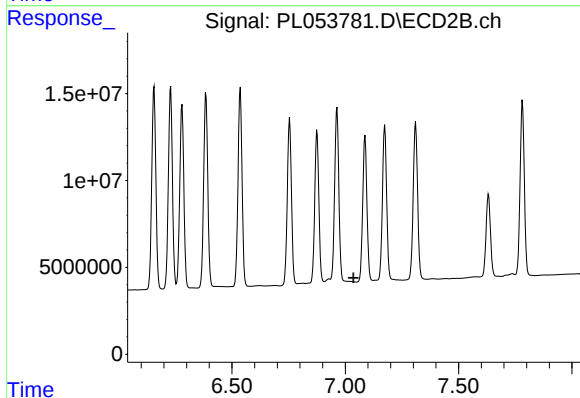
R.T.: 6.230 min  
Delta R.T.: -0.002 min  
Response: 144528740  
Conc: 321.94 ng/ml



#27 Chlordane-5

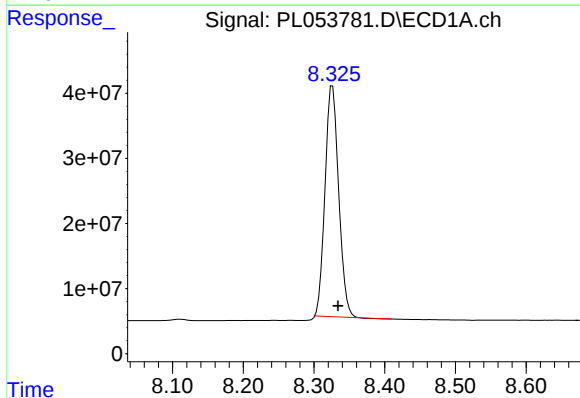
R.T.: 6.394 min  
Delta R.T.: -0.015 min  
Response: 548954979  
Conc: 1501.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



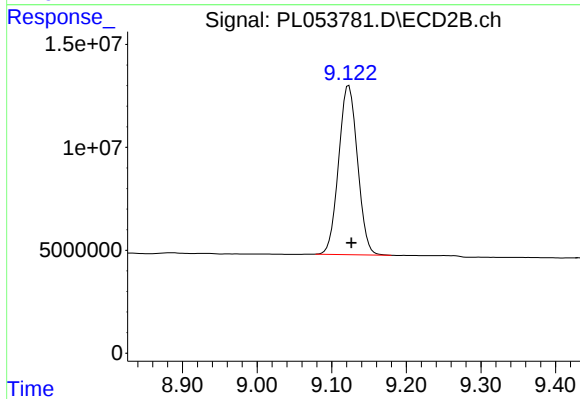
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.326 min  
Delta R.T.: -0.008 min  
Response: 474303036  
Conc: 48.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.123 min  
Delta R.T.: -0.003 min  
Response: 144494004  
Conc: 51.31 ng/ml