

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011619\  
 Data File : PL043943.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jan 2019 15:20  
 Operator : AJ\SJ  
 Sample : PB116412BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB116412BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 17 00:15:58 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011119.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 12 01:24:53 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|------------|
| -----                       |                 |       |       |          |          |          |            |
| System Monitoring Compounds |                 |       |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.535 | 4.008 | 91912677 | 38114428 | 18.724   | 19.558     |
| 28)                         | SA Decachlor... | 8.260 | 9.081 | 121.6E6  | 34927969 | 21.514   | 21.987     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.975 | 4.400 | 407.0E6  | 130.7E6  | 52.941   | 48.469     |
| 3)                          | MA gamma-BHC... | 4.259 | 4.685 | 366.2E6  | 123.1E6  | 52.500   | 48.477     |
| 4)                          | MA Heptachlor   | 4.555 | 5.195 | 389.2E6  | 127.2E6  | 55.911   | 52.641     |
| 5)                          | MB Aldrin       | 4.801 | 5.500 | 376.0E6  | 118.1E6  | 54.925   | 49.773     |
| 6)                          | B beta-BHC      | 4.511 | 4.856 | 152.3E6  | 54129158 | 51.169   | 48.826     |
| 7)                          | B delta-BHC     | 4.715 | 5.073 | 293.2E6  | 80025685 | 45.533   | 40.740     |
| 8)                          | B Heptachlor... | 5.244 | 5.886 | 334.8E6  | 104.5E6  | 52.654   | 48.448     |
| 9)                          | A Endosulfan I  | 5.582 | 6.243 | 329.9E6  | 104.0E6  | 56.526   | 50.431     |
| 10)                         | B gamma-Chl...  | 5.470 | 6.120 | 362.5E6  | 113.4E6  | 56.470   | 50.873     |
| 11)                         | B alpha-Chl...  | 5.527 | 6.193 | 354.8E6  | 113.0E6  | 56.142   | 50.963     |
| 12)                         | B 4,4'-DDE      | 5.691 | 6.350 | 288.1E6  | 93917241 | 53.167   | 51.079     |
| 13)                         | MA Dieldrin     | 5.824 | 6.500 | 349.9E6  | 108.0E6  | 56.167   | 50.606     |
| 14)                         | MA Endrin       | 6.081 | 6.718 | 321.5E6  | 92637742 | 59.265   | 52.819     |
| 15)                         | B Endosulfa...  | 6.355 | 6.927 | 292.7E6  | 92653600 | 56.260   | 50.027     |
| 16)                         | A 4,4'-DDD      | 6.205 | 6.840 | 244.9E6  | 73474809 | 56.597   | 48.625     |
| 17)                         | MA 4,4'-DDT     | 6.443 | 7.138 | 268.7E6  | 81484661 | 58.901   | 49.407     |
| 18)                         | B Endrin al...  | 6.521 | 7.051 | 249.3E6  | 80420357 | 55.877   | 50.748     |
| 19)                         | B Endosulfa...  | 6.734 | 7.273 | 278.0E6  | 88697919 | 51.610   | 47.040     |
| 20)                         | A Methoxychlor  | 6.985 | 7.596 | 141.7E6  | 46114559 | 55.434   | 52.247     |
| 21)                         | B Endrin ke...  | 7.222 | 7.744 | 335.8E6  | 95656512 | 55.753   | 49.290     |
| 23)                         | Chlordane-1     | 0.000 | 5.073 | 0        | 80025685 | N.D.     | 891.961 #  |
| 24)                         | Chlordane-2     | 0.000 | 5.500 | 0        | 118.1E6  | N.D.     | 1272.334 # |
| 25)                         | Chlordane-3     | 5.470 | 6.120 | 362.5E6  | 113.4E6  | 499.206  | 370.235 #  |
| 26)                         | Chlordane-4     | 5.527 | 6.193 | 354.8E6  | 113.0E6  | 556.693  | 309.030 #  |
| 27)                         | Chlordane-5     | 6.355 | 7.051 | 292.7E6  | 80420357 | 1468.964 | 1156.573   |
| -----                       |                 |       |       |          |          |          |            |

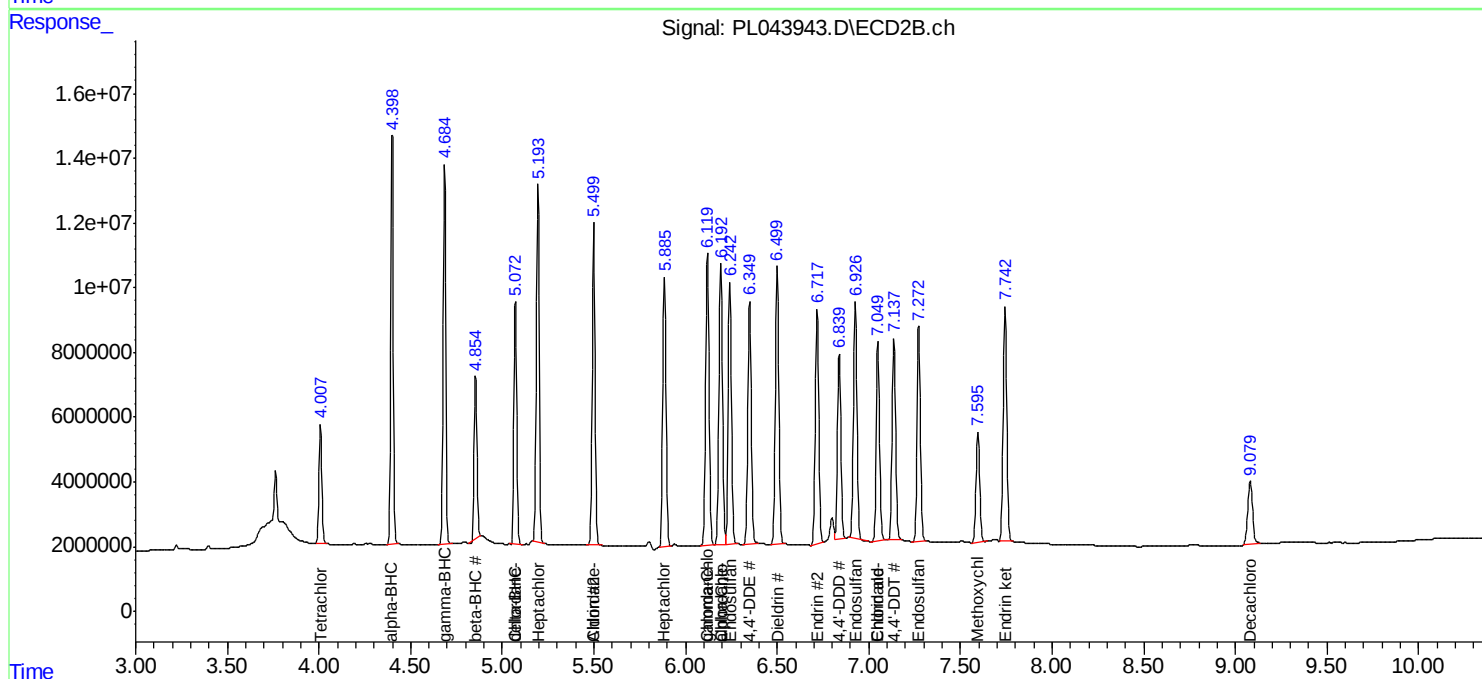
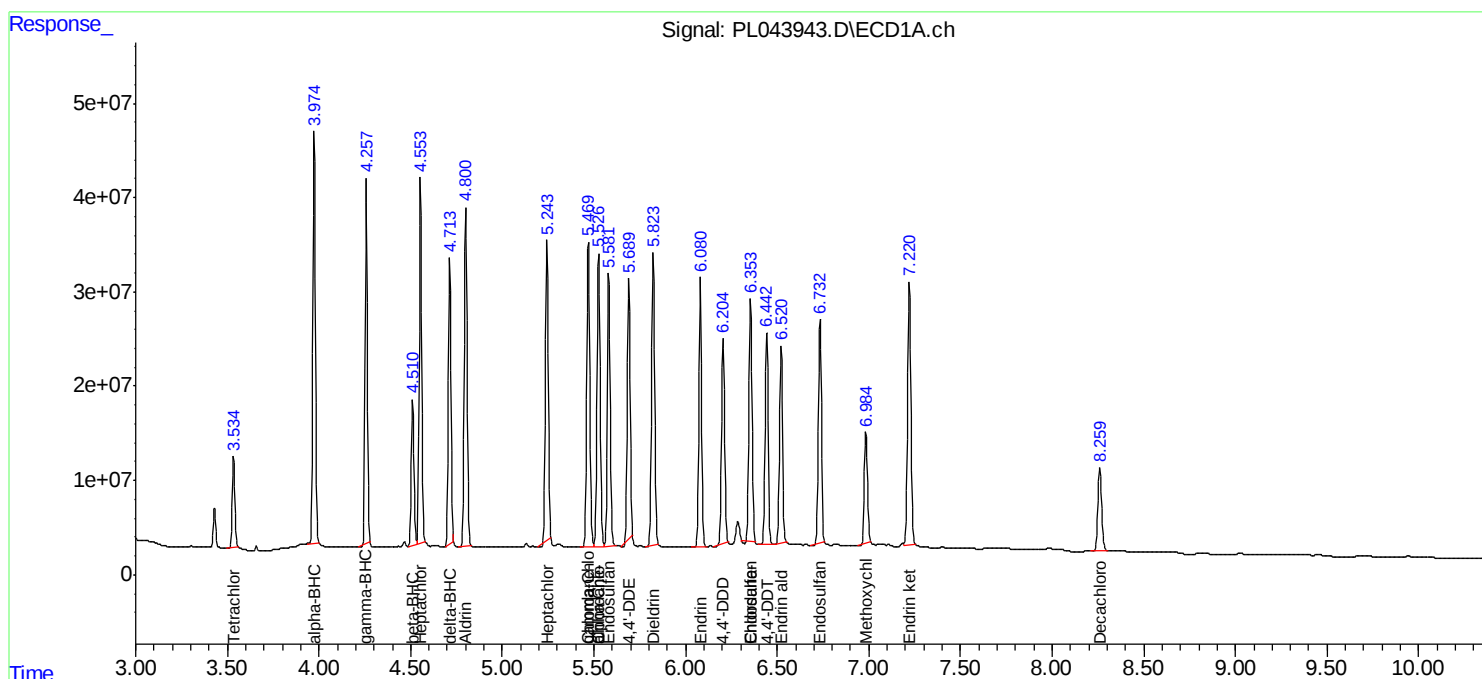
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

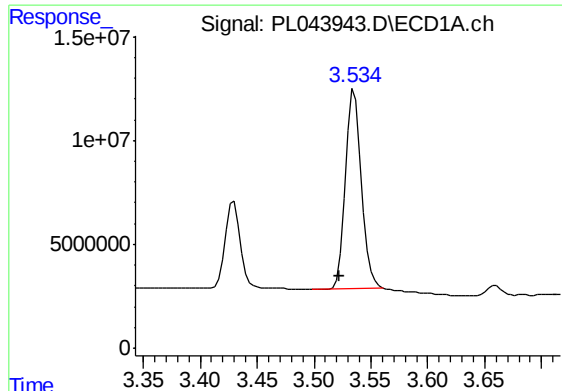
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011619\  
Data File : PL043943.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jan 2019 15:20  
Operator : AJ\SJ  
Sample : PB116412BS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PB116412BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 17 00:15:58 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011119.M  
Quant Title : GC Extractables  
QLast Update : Sat Jan 12 01:24:53 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

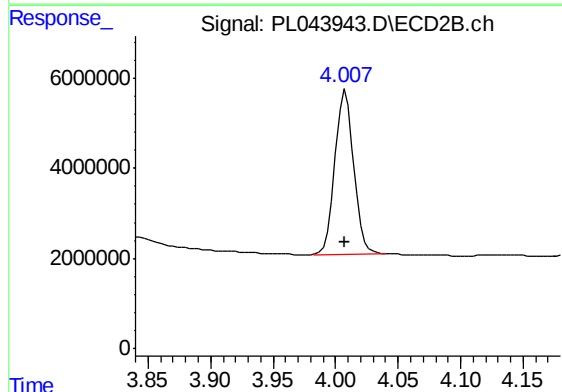




#1 Tetrachloro-m-xylene

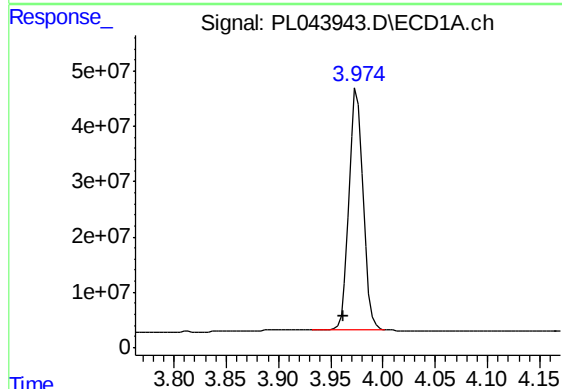
R.T.: 3.535 min  
Delta R.T.: 0.012 min  
Response: 91912677  
Conc: 18.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116412BS



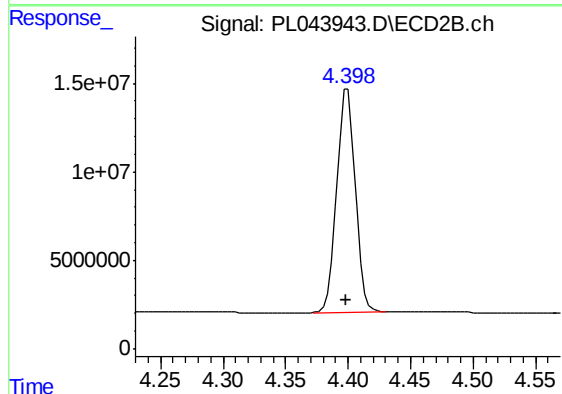
#1 Tetrachloro-m-xylene

R.T.: 4.008 min  
Delta R.T.: 0.000 min  
Response: 38114428  
Conc: 19.56 ng/ml



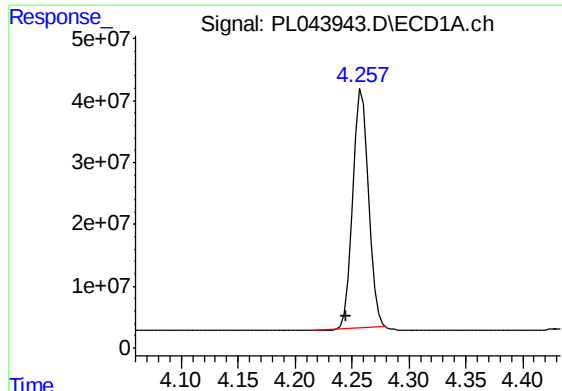
#2 alpha-BHC

R.T.: 3.975 min  
Delta R.T.: 0.013 min  
Response: 406982723  
Conc: 52.94 ng/ml



#2 alpha-BHC

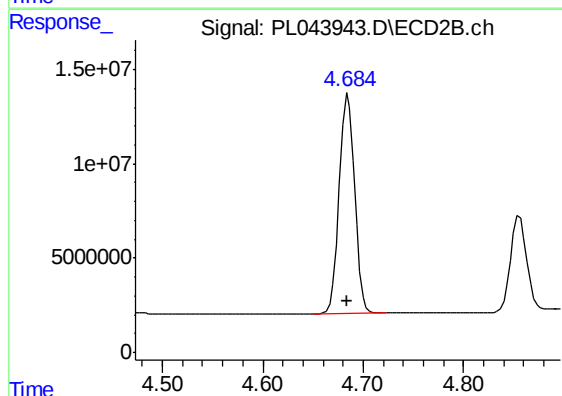
R.T.: 4.400 min  
Delta R.T.: 0.001 min  
Response: 130688590  
Conc: 48.47 ng/ml



#3 gamma-BHC (Lindane)

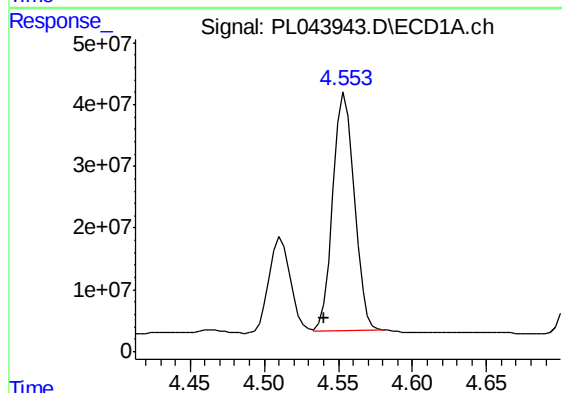
R.T.: 4.259 min  
Delta R.T.: 0.014 min  
Response: 366212971  
Conc: 52.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116412BS



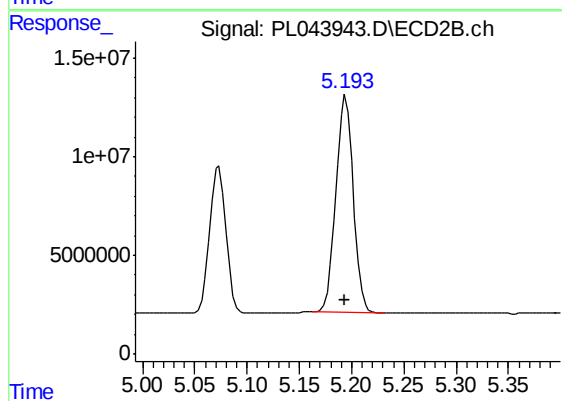
#3 gamma-BHC (Lindane)

R.T.: 4.685 min  
Delta R.T.: 0.001 min  
Response: 123124254  
Conc: 48.48 ng/ml



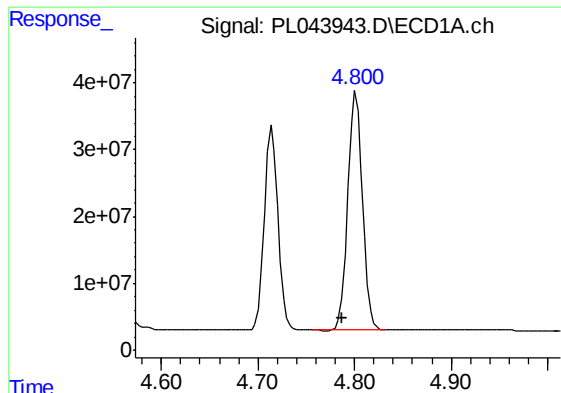
#4 Heptachlor

R.T.: 4.555 min  
Delta R.T.: 0.014 min  
Response: 389236127  
Conc: 55.91 ng/ml



#4 Heptachlor

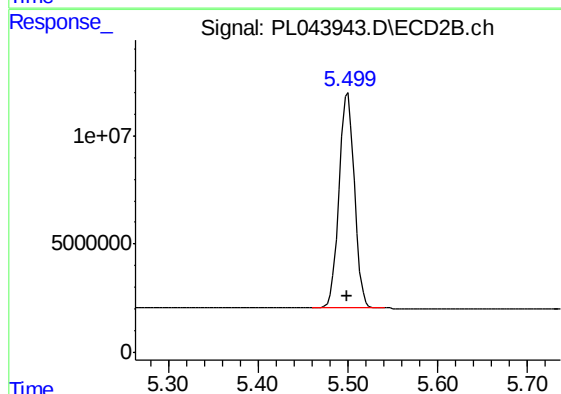
R.T.: 5.195 min  
Delta R.T.: 0.002 min  
Response: 127232582  
Conc: 52.64 ng/ml



#5 Aldrin

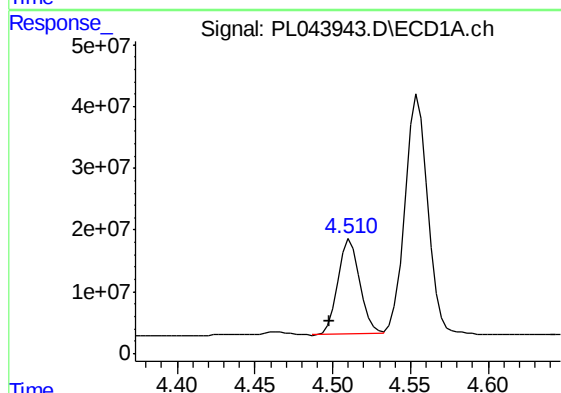
R.T.: 4.801 min  
Delta R.T.: 0.014 min  
Response: 375982792  
Conc: 54.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116412BS



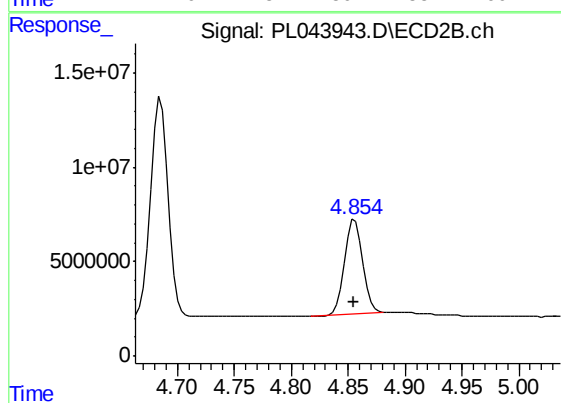
#5 Aldrin

R.T.: 5.500 min  
Delta R.T.: 0.001 min  
Response: 118136164  
Conc: 49.77 ng/ml



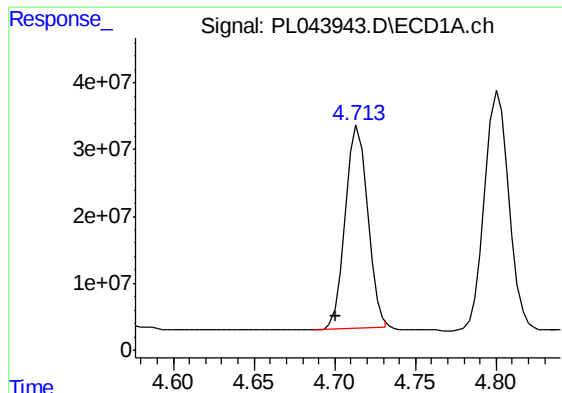
#6 beta-BHC

R.T.: 4.511 min  
Delta R.T.: 0.014 min  
Response: 152324500  
Conc: 51.17 ng/ml



#6 beta-BHC

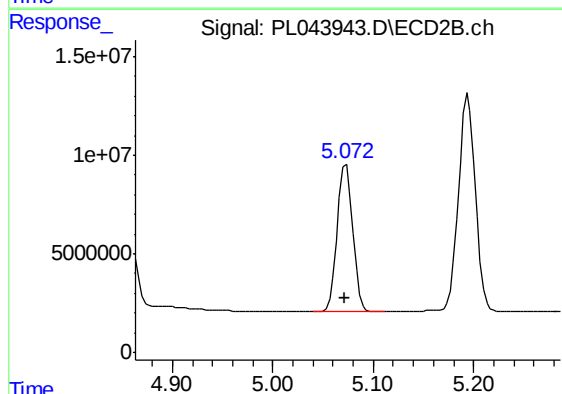
R.T.: 4.856 min  
Delta R.T.: 0.001 min  
Response: 54129158  
Conc: 48.83 ng/ml



#7 delta-BHC

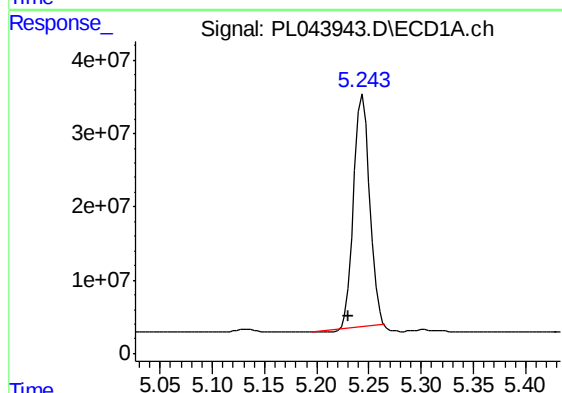
R.T.: 4.715 min  
Delta R.T.: 0.014 min  
Response: 293185331  
Conc: 45.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116412BS



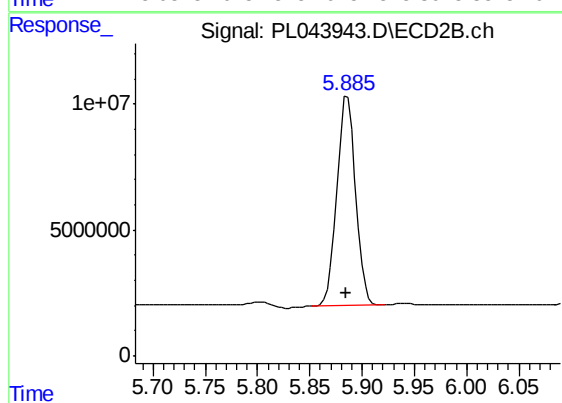
#7 delta-BHC

R.T.: 5.073 min  
Delta R.T.: 0.002 min  
Response: 80025685  
Conc: 40.74 ng/ml



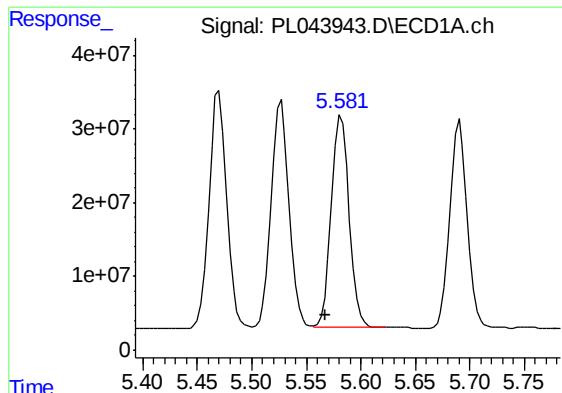
#8 Heptachlor epoxide

R.T.: 5.244 min  
Delta R.T.: 0.014 min  
Response: 334827321  
Conc: 52.65 ng/ml



#8 Heptachlor epoxide

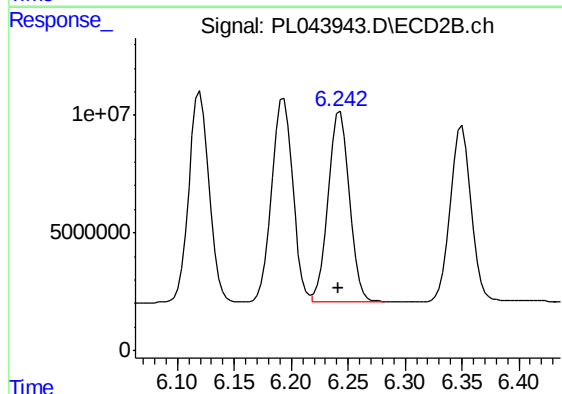
R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 104547620  
Conc: 48.45 ng/ml



#9 Endosulfan I

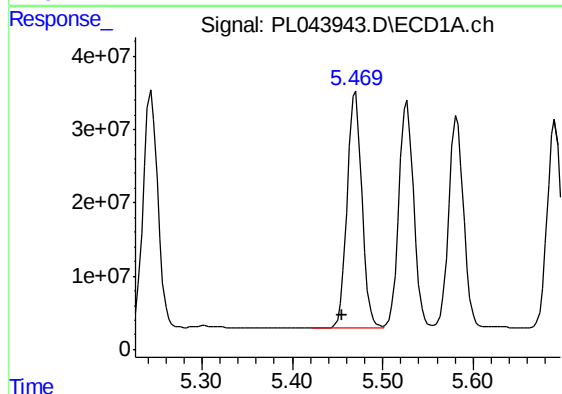
R.T.: 5.582 min  
Delta R.T.: 0.015 min  
Response: 329893578  
Conc: 56.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116412BS



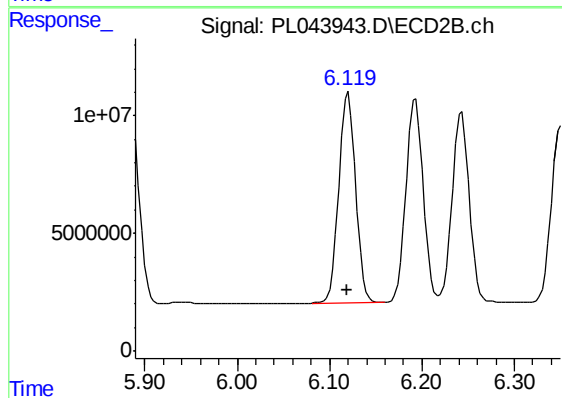
#9 Endosulfan I

R.T.: 6.243 min  
Delta R.T.: 0.001 min  
Response: 103985078  
Conc: 50.43 ng/ml



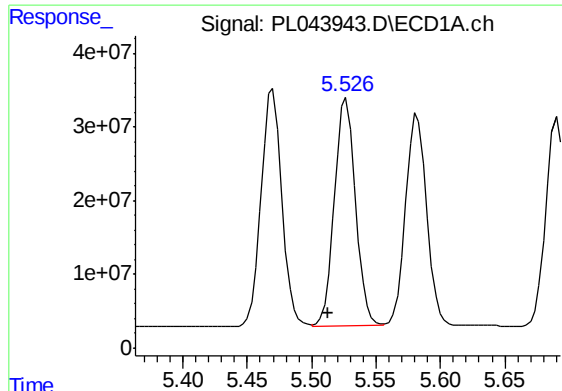
#10 gamma-Chlordane

R.T.: 5.470 min  
Delta R.T.: 0.015 min  
Response: 362499628  
Conc: 56.47 ng/ml



#10 gamma-Chlordane

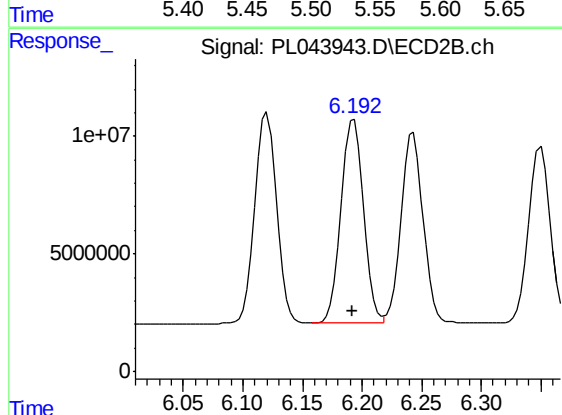
R.T.: 6.120 min  
Delta R.T.: 0.002 min  
Response: 113417100  
Conc: 50.87 ng/ml



#11 alpha-Chlordane

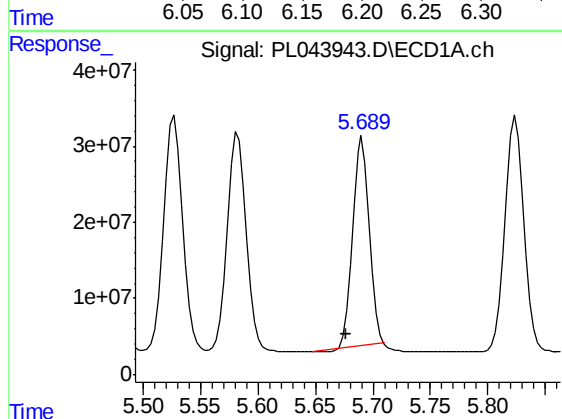
R.T.: 5.527 min  
Delta R.T.: 0.014 min  
Response: 354765469  
Conc: 56.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116412BS



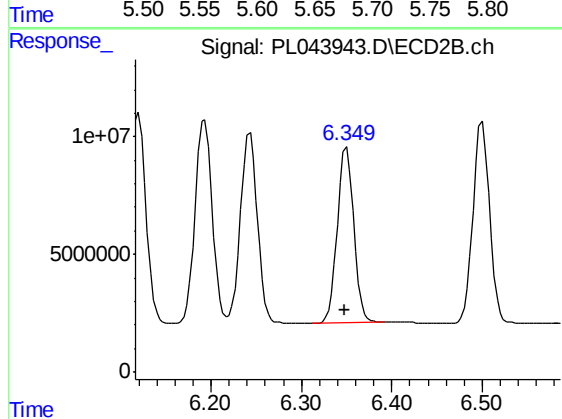
#11 alpha-Chlordane

R.T.: 6.193 min  
Delta R.T.: 0.002 min  
Response: 112974522  
Conc: 50.96 ng/ml



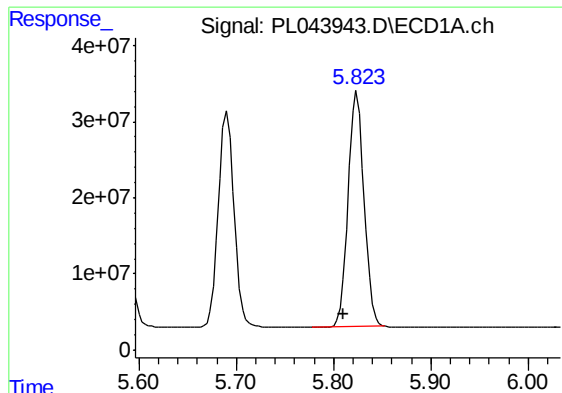
#12 4,4'-DDE

R.T.: 5.691 min  
Delta R.T.: 0.014 min  
Response: 288066941  
Conc: 53.17 ng/ml



#12 4,4'-DDE

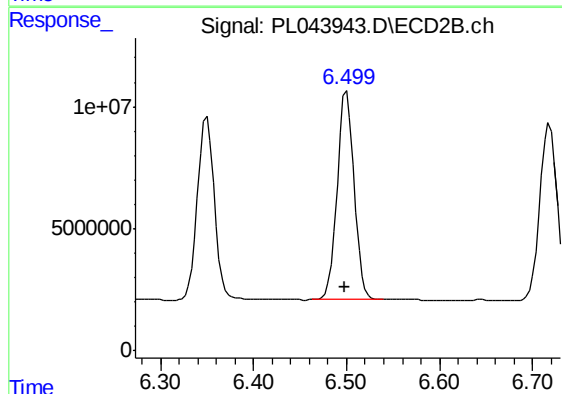
R.T.: 6.350 min  
Delta R.T.: 0.002 min  
Response: 93917241  
Conc: 51.08 ng/ml



#13 Dieldrin

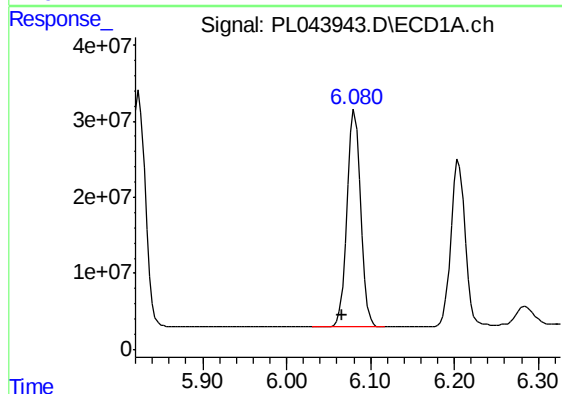
R.T.: 5.824 min  
Delta R.T.: 0.014 min  
Response: 349884598  
Conc: 56.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116412BS



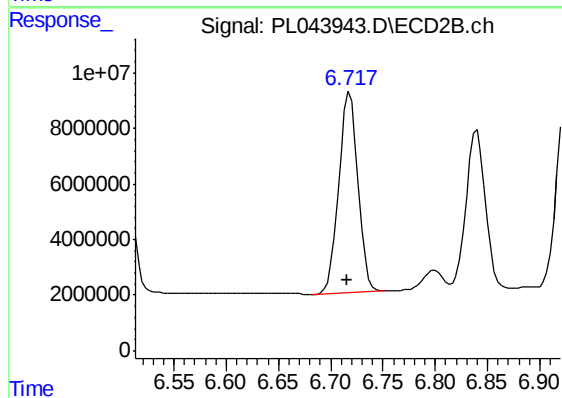
#13 Dieldrin

R.T.: 6.500 min  
Delta R.T.: 0.002 min  
Response: 107956613  
Conc: 50.61 ng/ml



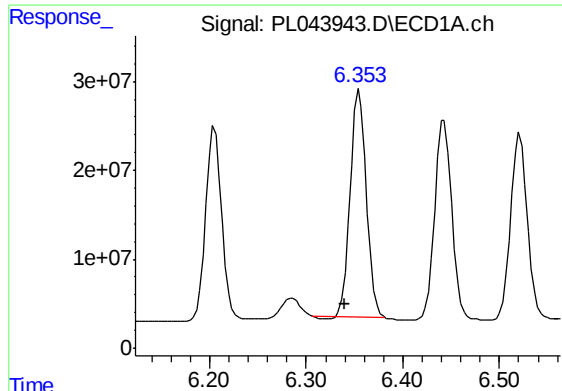
#14 Endrin

R.T.: 6.081 min  
Delta R.T.: 0.015 min  
Response: 321485699  
Conc: 59.26 ng/ml



#14 Endrin

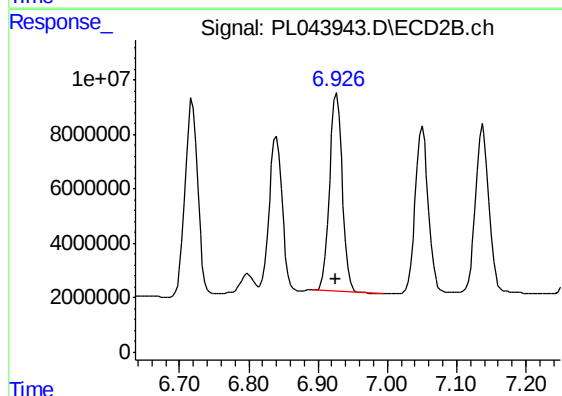
R.T.: 6.718 min  
Delta R.T.: 0.002 min  
Response: 92637742  
Conc: 52.82 ng/ml



#15 Endosulfan II

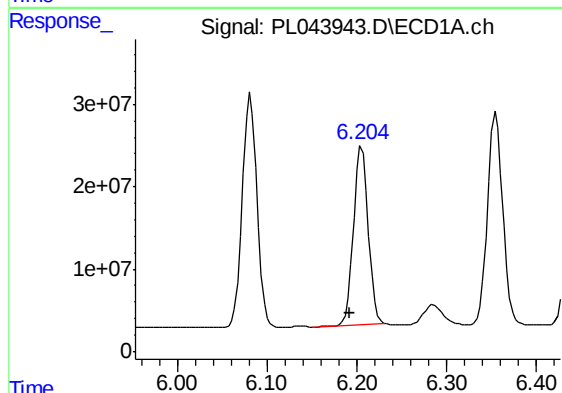
R.T.: 6.355 min  
Delta R.T.: 0.014 min  
Response: 292702121  
Conc: 56.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116412BS



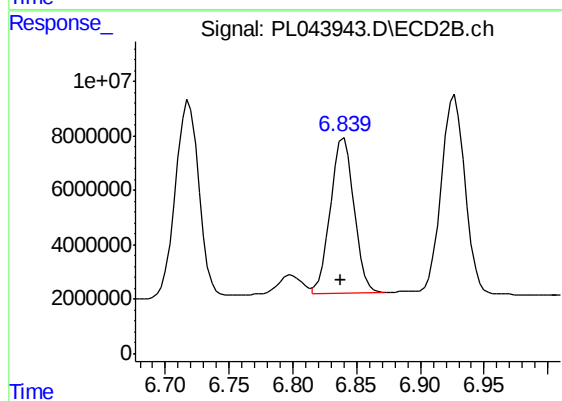
#15 Endosulfan II

R.T.: 6.927 min  
Delta R.T.: 0.002 min  
Response: 92653600  
Conc: 50.03 ng/ml



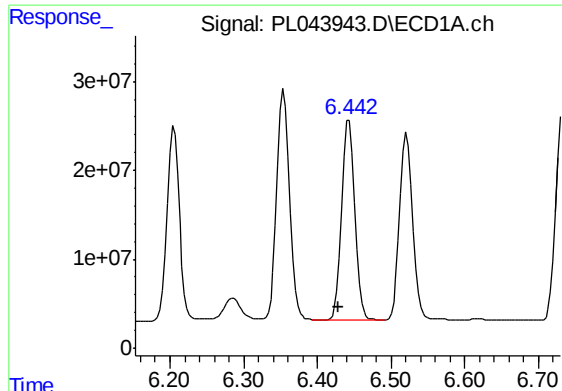
#16 4,4'-DDD

R.T.: 6.205 min  
Delta R.T.: 0.014 min  
Response: 244854372  
Conc: 56.60 ng/ml



#16 4,4'-DDD

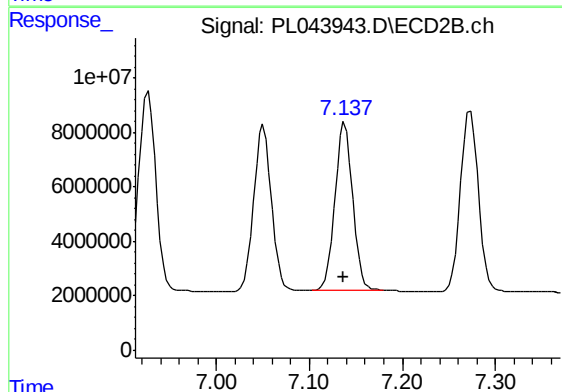
R.T.: 6.840 min  
Delta R.T.: 0.002 min  
Response: 73474809  
Conc: 48.62 ng/ml



#17 4,4'-DDT

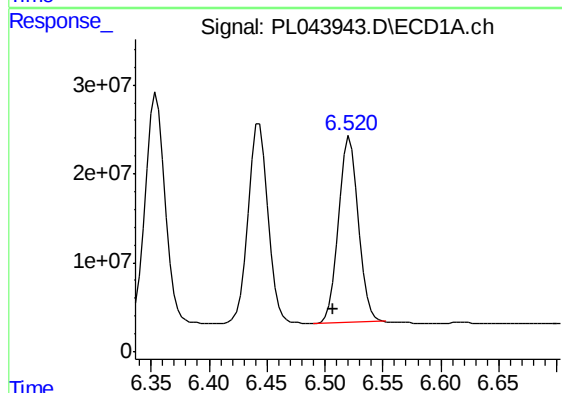
R.T.: 6.443 min  
Delta R.T.: 0.014 min  
Response: 268676979  
Conc: 58.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116412BS



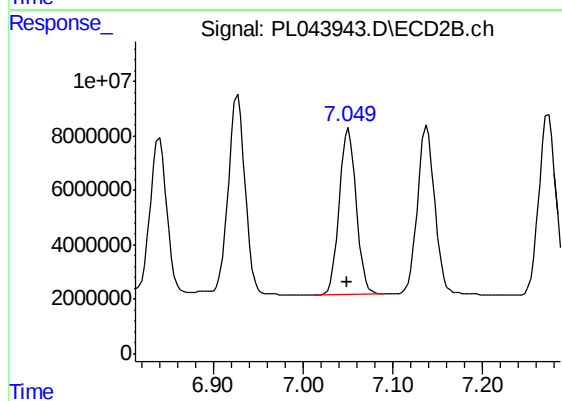
#17 4,4'-DDT

R.T.: 7.138 min  
Delta R.T.: 0.002 min  
Response: 81484661  
Conc: 49.41 ng/ml



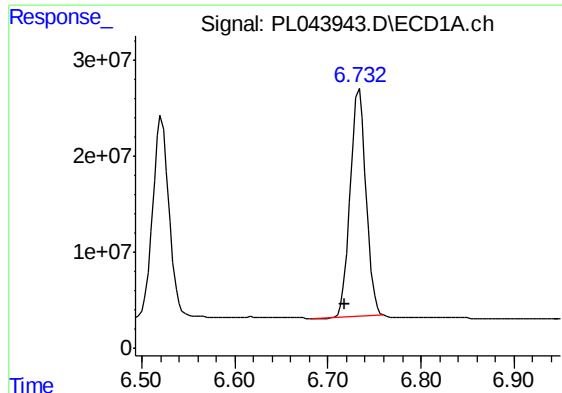
#18 Endrin aldehyde

R.T.: 6.521 min  
Delta R.T.: 0.014 min  
Response: 249250423  
Conc: 55.88 ng/ml



#18 Endrin aldehyde

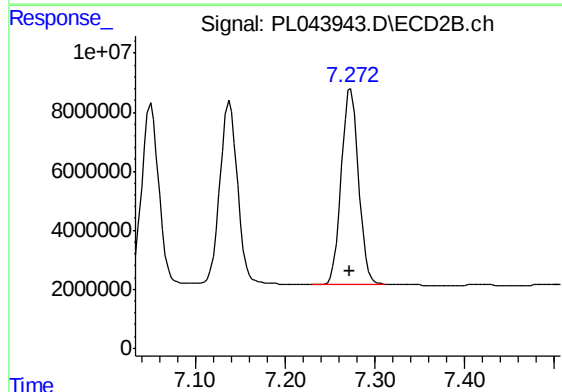
R.T.: 7.051 min  
Delta R.T.: 0.002 min  
Response: 80420357  
Conc: 50.75 ng/ml



#19 Endosulfan Sulfate

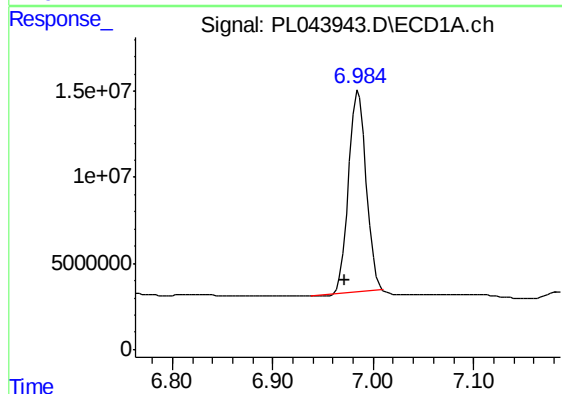
R.T.: 6.734 min  
Delta R.T.: 0.015 min  
Response: 278017864  
Conc: 51.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116412BS



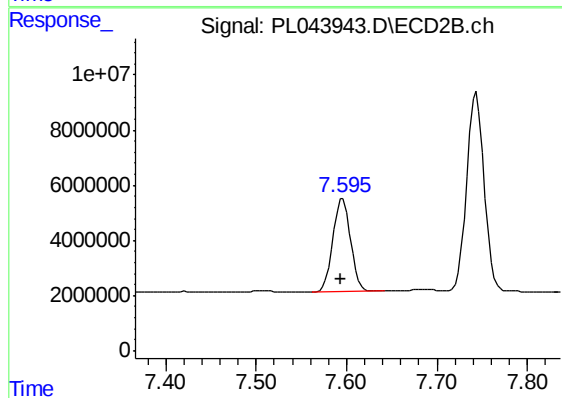
#19 Endosulfan Sulfate

R.T.: 7.273 min  
Delta R.T.: 0.002 min  
Response: 88697919  
Conc: 47.04 ng/ml



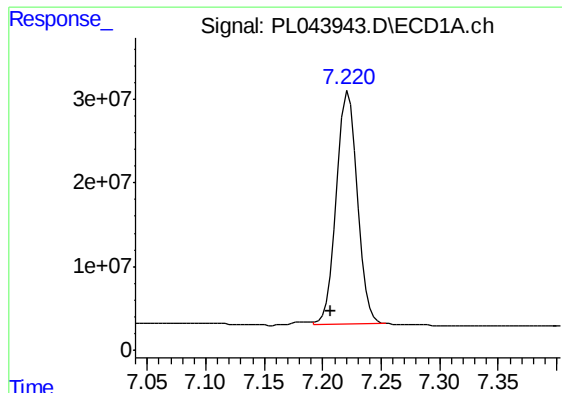
#20 Methoxychlor

R.T.: 6.985 min  
Delta R.T.: 0.014 min  
Response: 141712498  
Conc: 55.43 ng/ml



#20 Methoxychlor

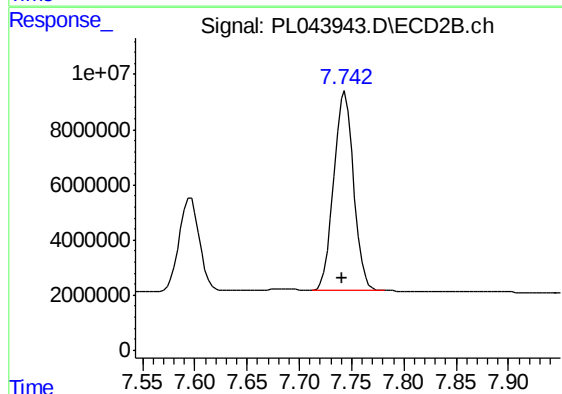
R.T.: 7.596 min  
Delta R.T.: 0.002 min  
Response: 46114559  
Conc: 52.25 ng/ml



#21 Endrin ketone

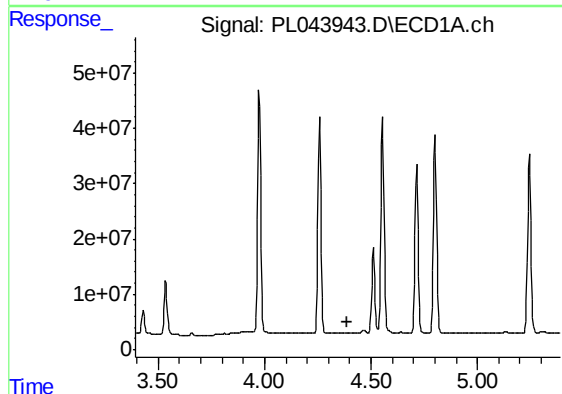
R.T.: 7.222 min  
Delta R.T.: 0.015 min  
Response: 335776267  
Conc: 55.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116412BS



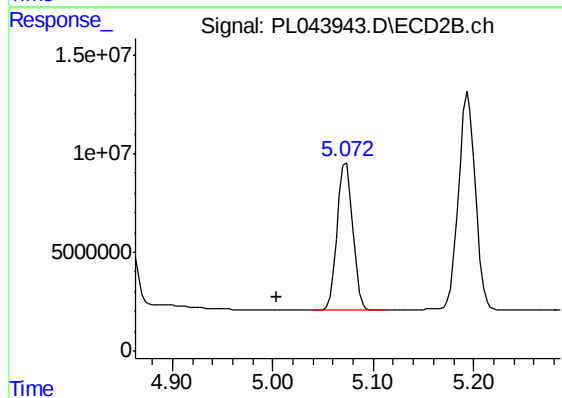
#21 Endrin ketone

R.T.: 7.744 min  
Delta R.T.: 0.002 min  
Response: 95656512  
Conc: 49.29 ng/ml



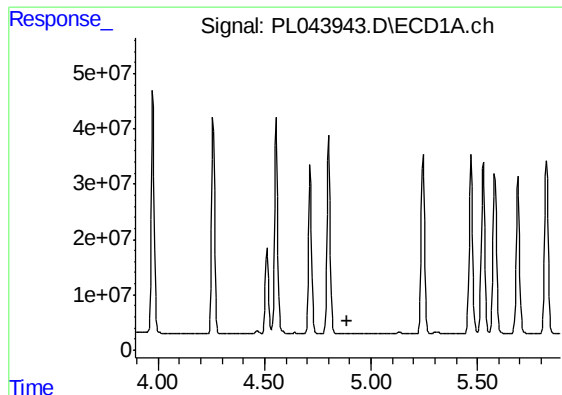
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.391 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

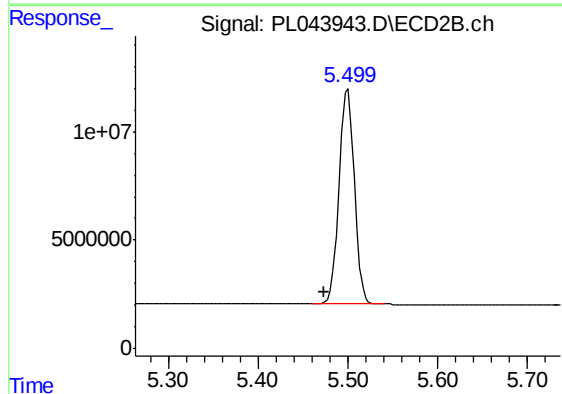
R.T.: 5.073 min  
Delta R.T.: 0.068 min  
Response: 80025685  
Conc: 891.96 ng/ml



#24 Chlordane-2

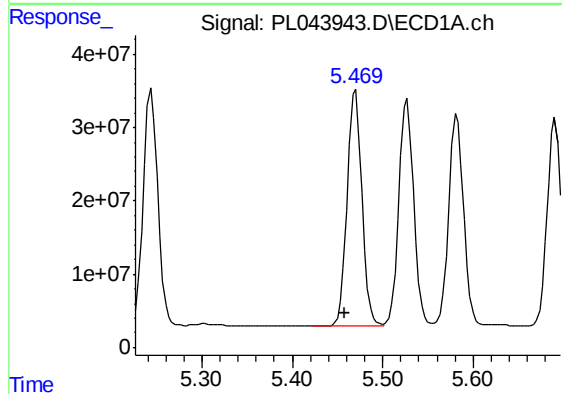
R.T.: 0.000 min  
Exp R.T.: 4.891 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB116412BS



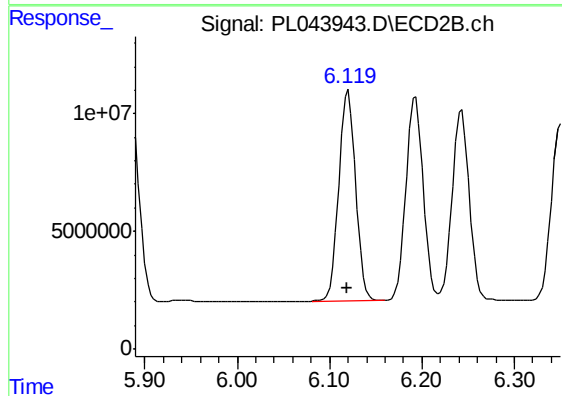
#24 Chlordane-2

R.T.: 5.500 min  
Delta R.T.: 0.027 min  
Response: 118136164  
Conc: 1272.33 ng/ml



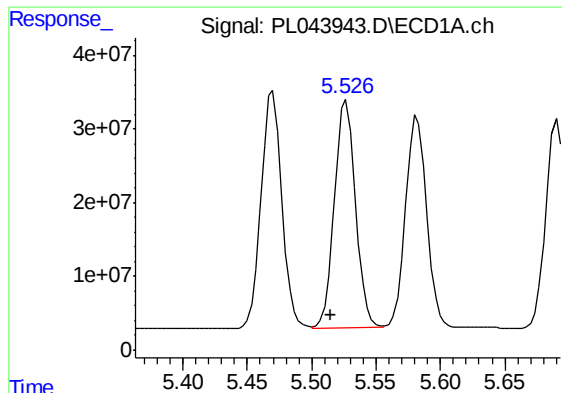
#25 Chlordane-3

R.T.: 5.470 min  
Delta R.T.: 0.013 min  
Response: 362499628  
Conc: 499.21 ng/ml



#25 Chlordane-3

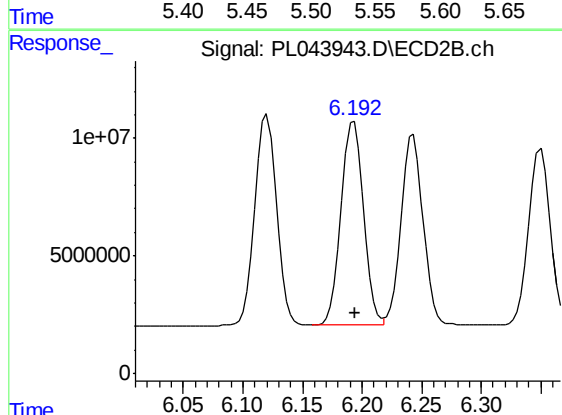
R.T.: 6.120 min  
Delta R.T.: 0.000 min  
Response: 113417100  
Conc: 370.24 ng/ml



#26 Chlordane-4

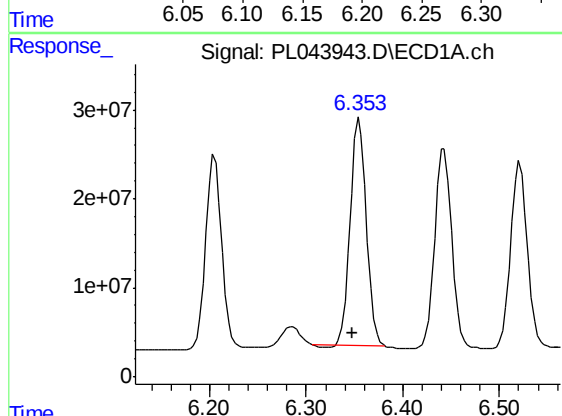
R.T.: 5.527 min  
Delta R.T.: 0.013 min  
Response: 354765469  
Conc: 556.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116412BS



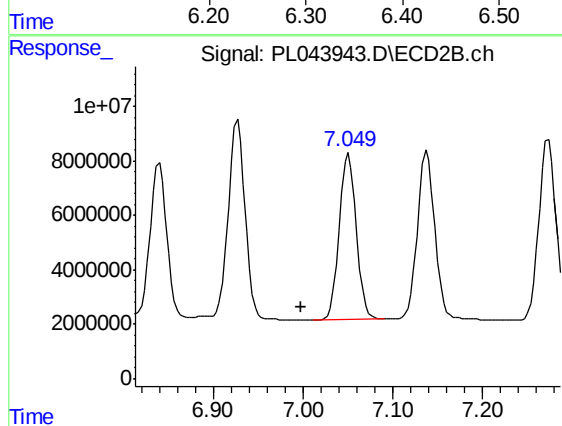
#26 Chlordane-4

R.T.: 6.193 min  
Delta R.T.: 0.000 min  
Response: 112974522  
Conc: 309.03 ng/ml



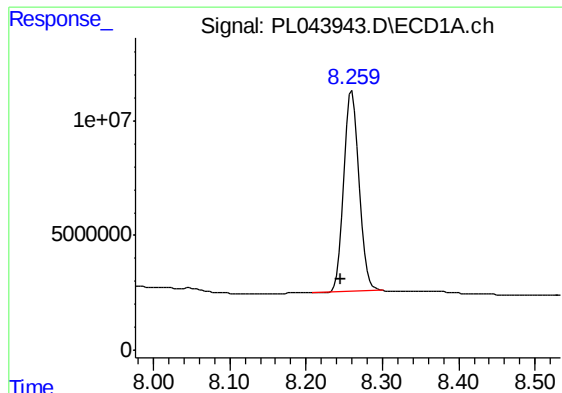
#27 Chlordane-5

R.T.: 6.355 min  
Delta R.T.: 0.007 min  
Response: 292702121  
Conc: 1468.96 ng/ml



#27 Chlordane-5

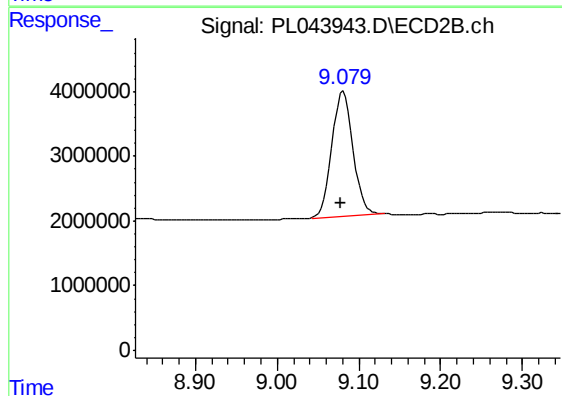
R.T.: 7.051 min  
Delta R.T.: 0.053 min  
Response: 80420357  
Conc: 1156.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.260 min  
Delta R.T.: 0.014 min  
Response: 121583460  
Conc: 21.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116412BS



#28 Decachlorobiphenyl

R.T.: 9.081 min  
Delta R.T.: 0.003 min  
Response: 34927969  
Conc: 21.99 ng/ml