

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102518\  
 Data File : PL041355.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Oct 2018 16:04  
 Operator : AJ\SJ  
 Sample : J5649-07MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 DL-03AMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 26 04:01:02 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 11 03:28:36 2018  
 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... | 3.476 | 4.104 | 87755033 | 45042267 | 16.012   | 16.154     |
| 28)                         | SA Decachlor... | 8.221 | 9.237 | 65646328 | 32123382 | 12.625   | 12.423     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.917 | 4.500 | 391.0E6  | 188.3E6  | 49.346   | 48.669     |
| 3)                          | MA gamma-BHC... | 4.200 | 4.788 | 358.8E6  | 177.6E6  | 49.142   | 49.888     |
| 4)                          | MA Heptachlor   | 4.497 | 5.304 | 329.1E6  | 154.4E6  | 44.657   | 45.610     |
| 5)                          | MB Aldrin       | 4.743 | 5.613 | 295.0E6  | 141.5E6  | 42.972   | 46.877     |
| 6)                          | B beta-BHC      | 4.452 | 4.957 | 140.5E6  | 65887056 | 44.264   | 41.110     |
| 7)                          | B delta-BHC     | 4.655 | 5.177 | 293.6E6  | 148.8E6  | 44.054   | 45.318     |
| 8)                          | B Heptachlo...  | 5.187 | 6.001 | 284.7E6  | 131.5E6  | 43.410   | 45.839     |
| 9)                          | A Endosulfan I  | 5.525 | 6.361 | 257.6E6  | 110.7E6  | 43.004   | 43.212     |
| 10)                         | B gamma-Chl...  | 5.413 | 6.236 | 229.7E6  | 120.9E6  | 34.927   | 43.111     |
| 11)                         | B alpha-Chl...  | 5.471 | 6.309 | 259.4E6  | 114.5E6  | 39.872   | 41.263     |
| 12)                         | B 4,4'-DDE      | 5.637 | 6.463 | 225.9E6  | 111.4E6  | 39.741   | 42.094     |
| 13)                         | MA Dieldrin     | 5.768 | 6.619 | 286.9E6  | 117.4E6  | 45.379   | 44.097     |
| 14)                         | MA Endrin       | 6.025 | 6.839 | 247.0E6  | 97076062 | 43.002   | 43.490     |
| 15)                         | B Endosulfa...  | 6.299 | 7.047 | 228.8E6  | 103.7E6  | 40.824   | 43.662     |
| 16)                         | A 4,4'-DDD      | 6.153 | 6.955 | 180.3E6  | 93134246 | 39.924   | 44.461     |
| 17)                         | MA 4,4'-DDT     | 6.392 | 7.255 | 174.3E6  | 83893949 | 38.269   | 40.331     |
| 18)                         | B Endrin al...  | 6.468 | 7.171 | 147.0E6  | 77181619 | 35.057   | 38.900     |
| 19)                         | B Endosulfa...  | 6.680 | 7.394 | 221.5E6  | 102.4E6  | 43.542   | 45.829     |
| 20)                         | A Methoxychlor  | 6.940 | 7.712 | 92358019 | 46850639 | 35.506   | 39.800     |
| 21)                         | B Endrin ke...  | 7.171 | 7.869 | 250.4E6  | 103.1E6  | 47.839   | 43.862     |
| 23)                         | Chlordane-1     | 4.366 | 5.177 | 2511142  | 148.8E6  | 9.839    | 1204.371 # |
| 24)                         | Chlordane-2     | 0.000 | 5.613 | 0        | 141.5E6  | N.D.     | 1144.015 # |
| 25)                         | Chlordane-3     | 5.413 | 6.236 | 229.7E6  | 120.9E6  | 300.110  | 299.929    |
| 26)                         | Chlordane-4     | 5.471 | 6.309 | 259.4E6  | 114.5E6  | 386.897  | 241.298 #  |
| 27)                         | Chlordane-5     | 6.299 | 7.171 | 228.8E6  | 77181619 | 1055.830 | 872.306    |
| -----                       |                 |       |       |          |          |          |            |

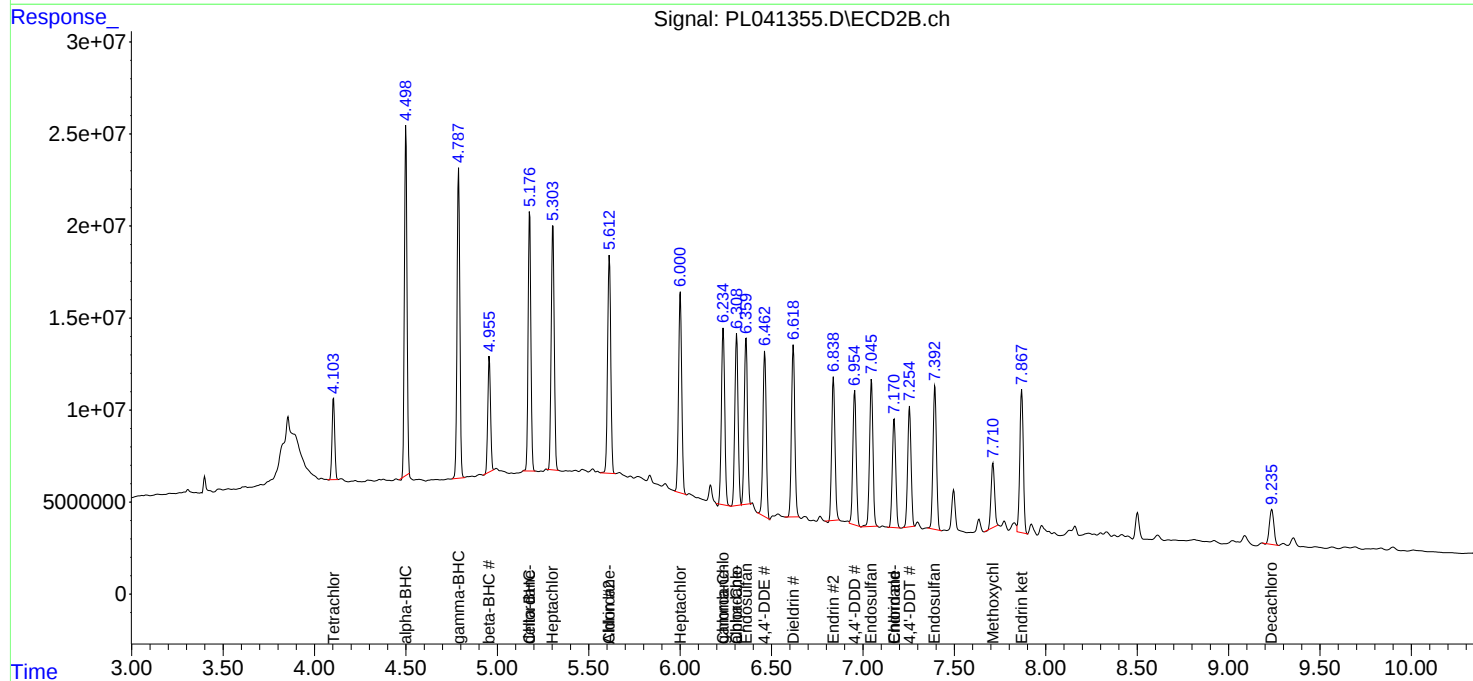
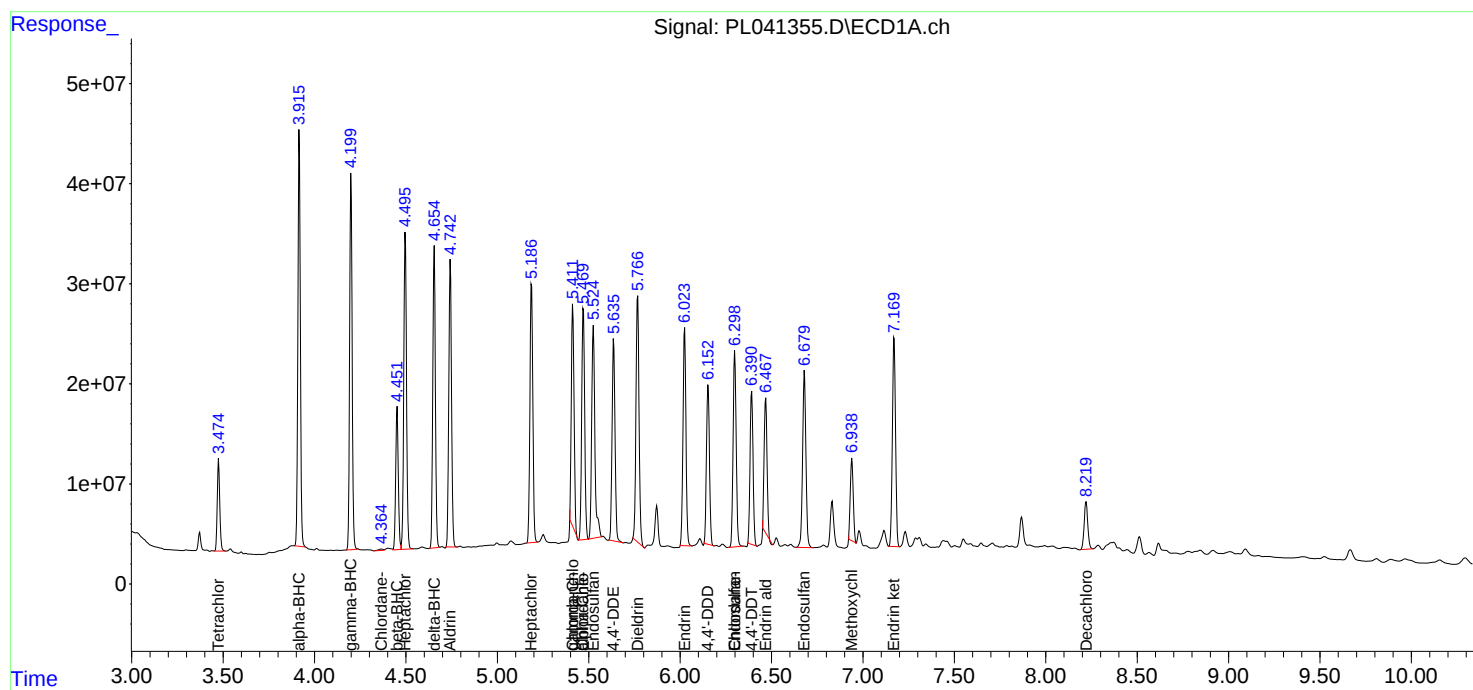
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

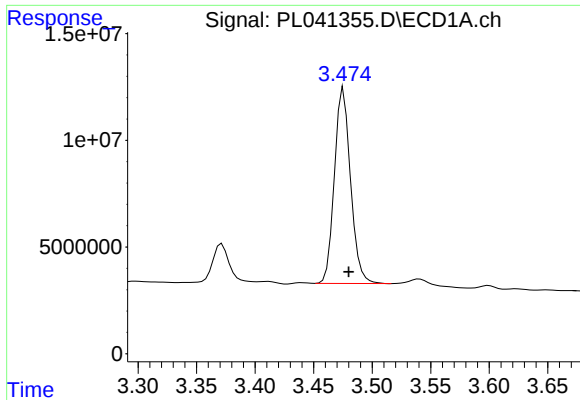
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102518\  
Data File : PL041355.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Oct 2018 16:04  
Operator : AJ\SJ  
Sample : J5649-07MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
DL-03AMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 26 04:01:02 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 11 03:28:36 2018  
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

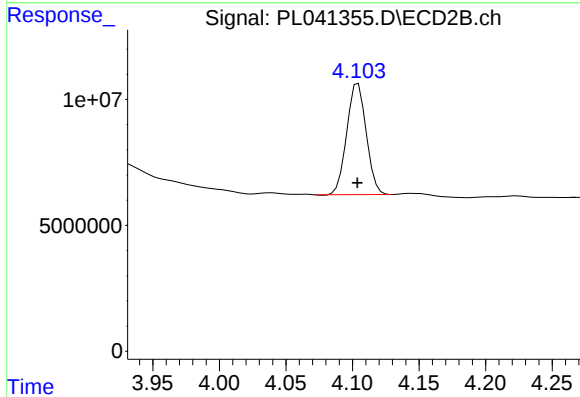




#1 Tetrachloro-m-xylene

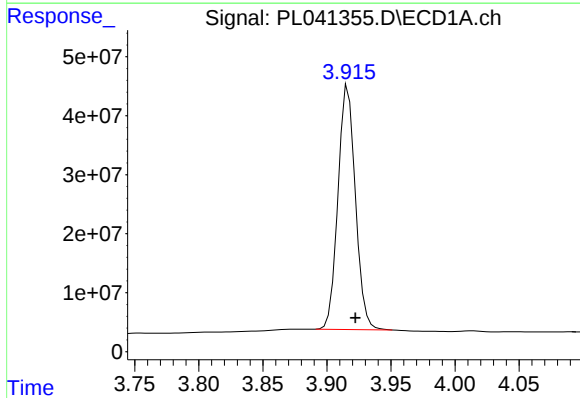
R.T.: 3.476 min  
Delta R.T.: -0.004 min  
Response: 87755033  
Conc: 16.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DL-03AMS



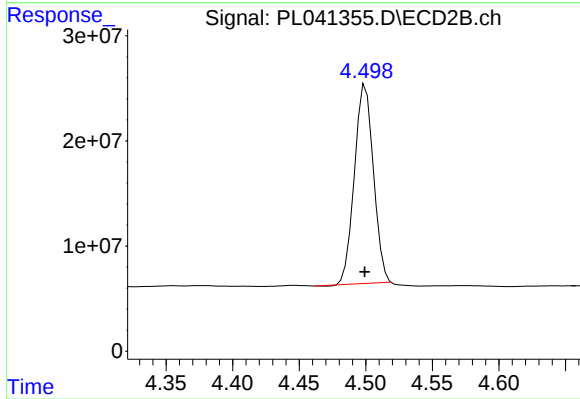
#1 Tetrachloro-m-xylene

R.T.: 4.104 min  
Delta R.T.: 0.000 min  
Response: 45042267  
Conc: 16.15 ng/ml



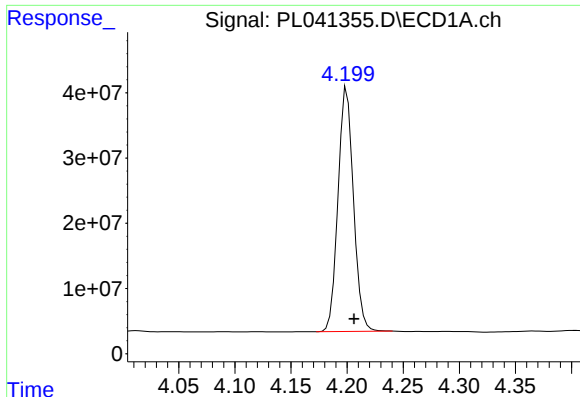
#2 alpha-BHC

R.T.: 3.917 min  
Delta R.T.: -0.006 min  
Response: 390997632  
Conc: 49.35 ng/ml



#2 alpha-BHC

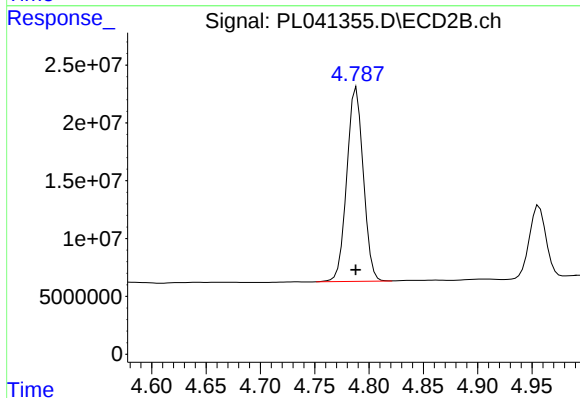
R.T.: 4.500 min  
Delta R.T.: 0.000 min  
Response: 188315243  
Conc: 48.67 ng/ml



#3 gamma-BHC (Lindane)

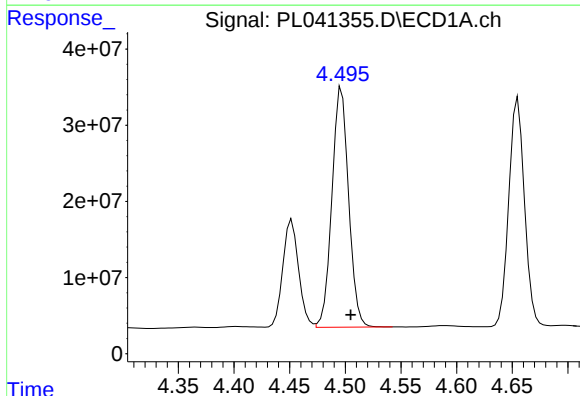
R.T.: 4.200 min  
Delta R.T.: -0.006 min  
Response: 358831351  
Conc: 49.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DL-03AMS



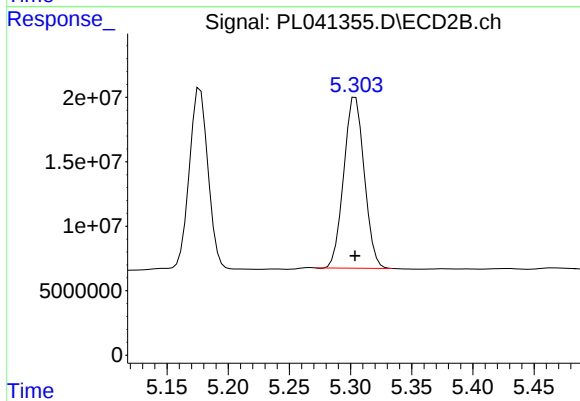
#3 gamma-BHC (Lindane)

R.T.: 4.788 min  
Delta R.T.: 0.000 min  
Response: 177639286  
Conc: 49.89 ng/ml



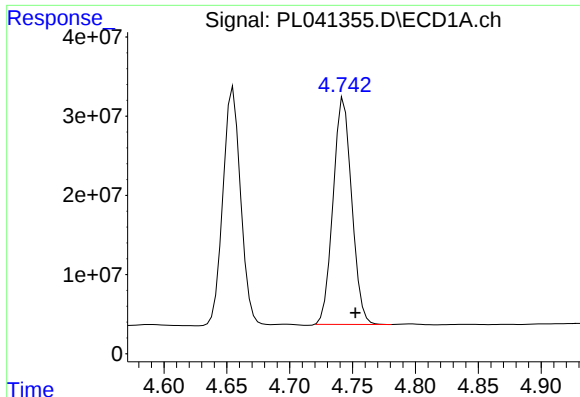
#4 Heptachlor

R.T.: 4.497 min  
Delta R.T.: -0.008 min  
Response: 329079132  
Conc: 44.66 ng/ml



#4 Heptachlor

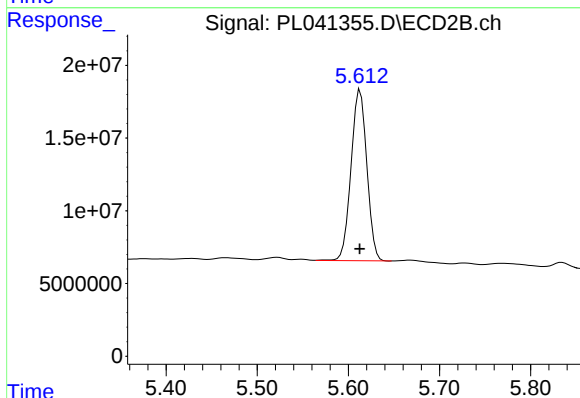
R.T.: 5.304 min  
Delta R.T.: 0.000 min  
Response: 154372502  
Conc: 45.61 ng/ml



#5 Aldrin

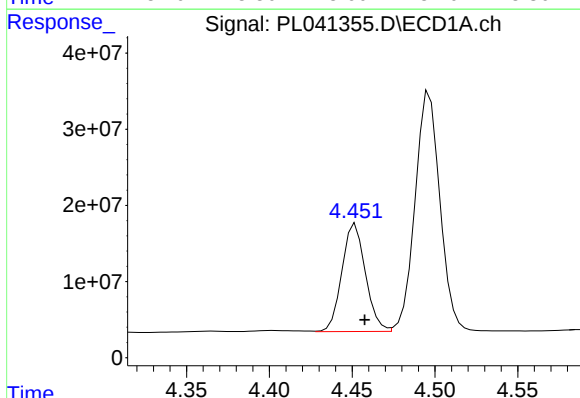
R.T.: 4.743 min  
Delta R.T.: -0.009 min  
Response: 294977905  
Conc: 42.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DL-03AMS



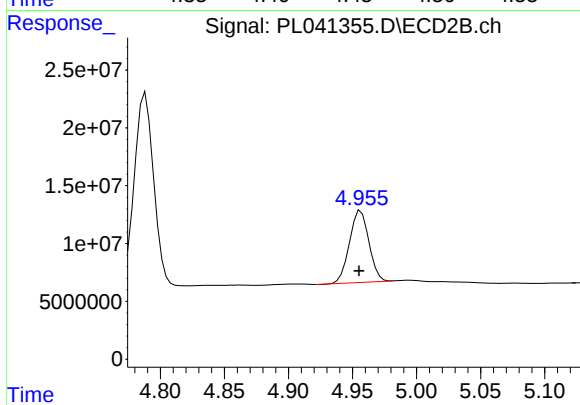
#5 Aldrin

R.T.: 5.613 min  
Delta R.T.: 0.000 min  
Response: 141480703  
Conc: 46.88 ng/ml



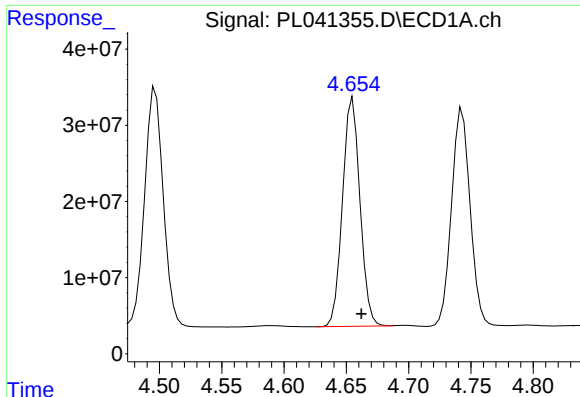
#6 beta-BHC

R.T.: 4.452 min  
Delta R.T.: -0.005 min  
Response: 140451089  
Conc: 44.26 ng/ml



#6 beta-BHC

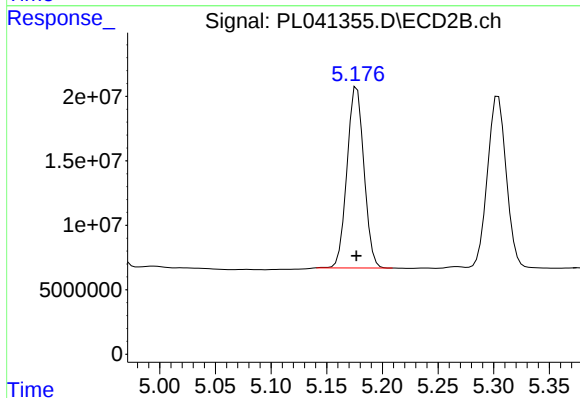
R.T.: 4.957 min  
Delta R.T.: 0.002 min  
Response: 65887056  
Conc: 41.11 ng/ml



#7 delta-BHC

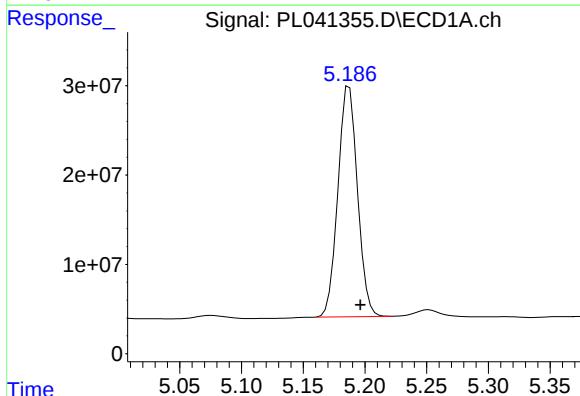
R.T.: 4.655 min  
Delta R.T.: -0.007 min  
Response: 293566131  
Conc: 44.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DL-03AMS



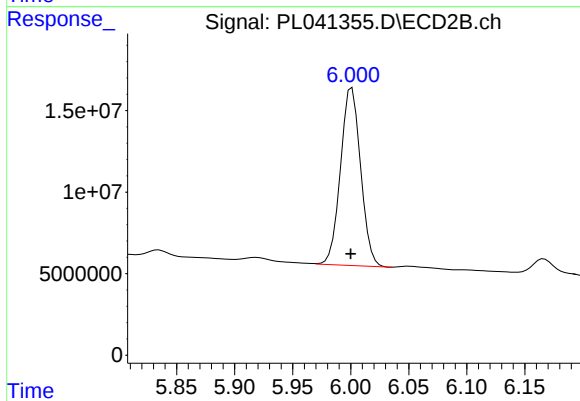
#7 delta-BHC

R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 148757114  
Conc: 45.32 ng/ml



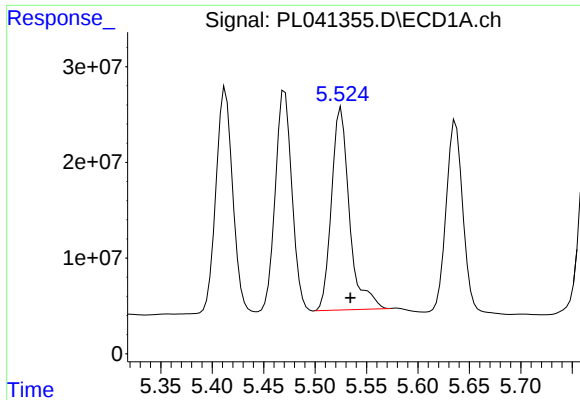
#8 Heptachlor epoxide

R.T.: 5.187 min  
Delta R.T.: -0.009 min  
Response: 284714536  
Conc: 43.41 ng/ml



#8 Heptachlor epoxide

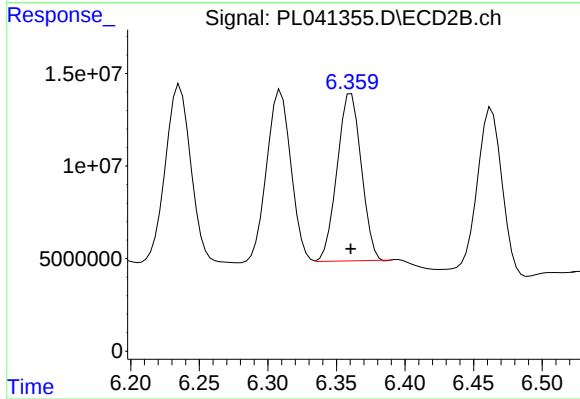
R.T.: 6.001 min  
Delta R.T.: 0.001 min  
Response: 131474239  
Conc: 45.84 ng/ml



#9 Endosulfan I

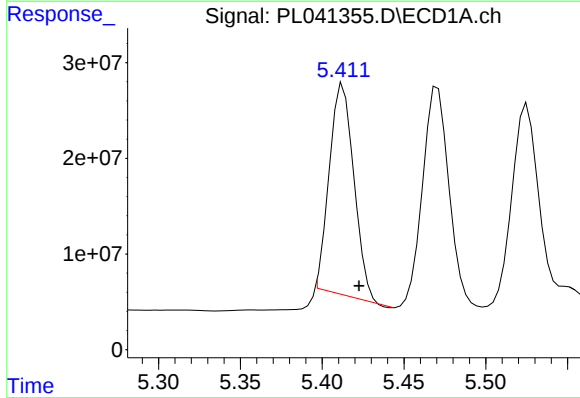
R.T.: 5.525 min  
Delta R.T.: -0.009 min  
Response: 257636434  
Conc: 43.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DL-03AMS



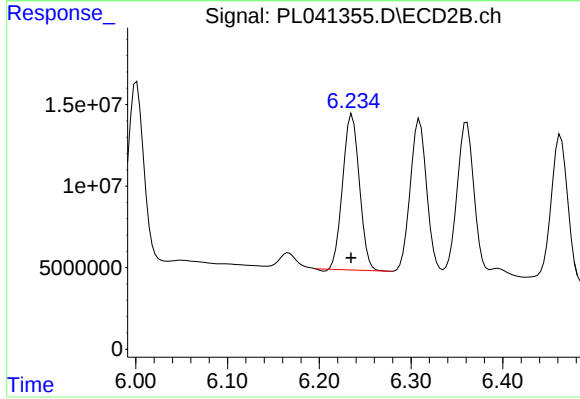
#9 Endosulfan I

R.T.: 6.361 min  
Delta R.T.: 0.000 min  
Response: 110676990  
Conc: 43.21 ng/ml



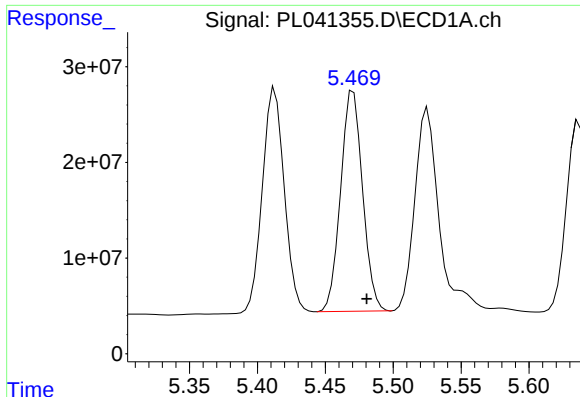
#10 gamma-Chlordane

R.T.: 5.413 min  
Delta R.T.: -0.010 min  
Response: 229693237  
Conc: 34.93 ng/ml



#10 gamma-Chlordane

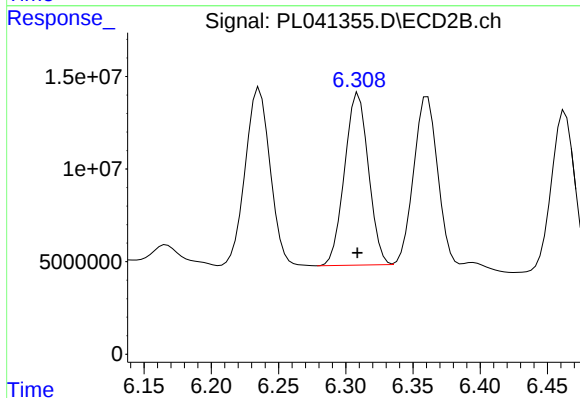
R.T.: 6.236 min  
Delta R.T.: 0.001 min  
Response: 120911059  
Conc: 43.11 ng/ml



#11 alpha-Chlordane

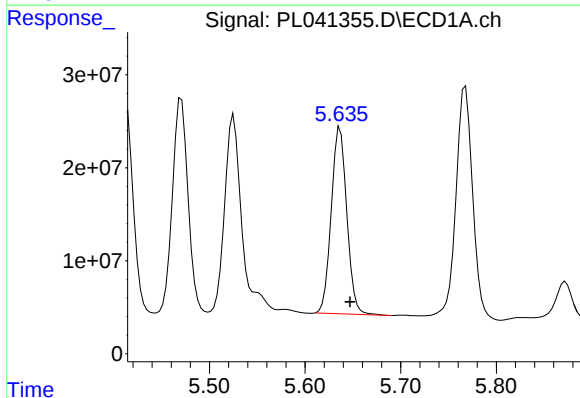
R.T.: 5.471 min  
Delta R.T.: -0.010 min  
Response: 259407227  
Conc: 39.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DL-03AMS



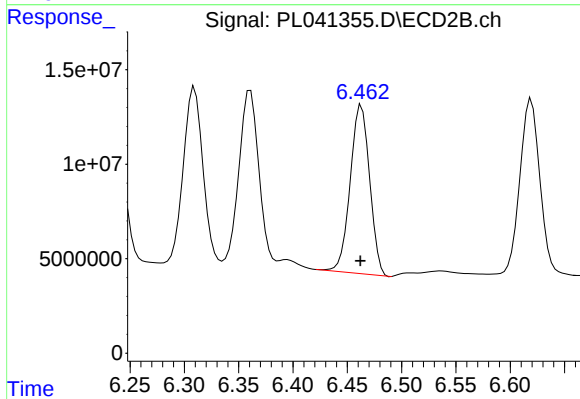
#11 alpha-Chlordane

R.T.: 6.309 min  
Delta R.T.: 0.000 min  
Response: 114530371  
Conc: 41.26 ng/ml



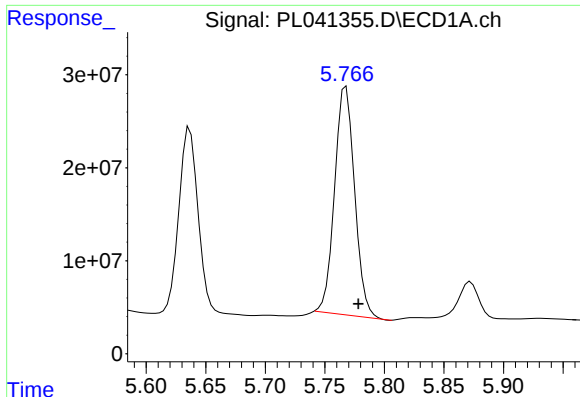
#12 4,4'-DDE

R.T.: 5.637 min  
Delta R.T.: -0.010 min  
Response: 225879938  
Conc: 39.74 ng/ml



#12 4,4'-DDE

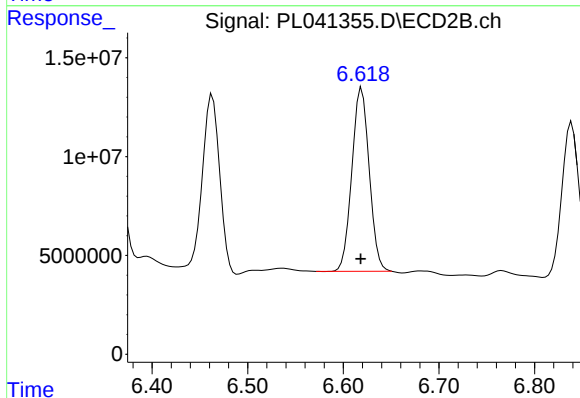
R.T.: 6.463 min  
Delta R.T.: 0.001 min  
Response: 111351420  
Conc: 42.09 ng/ml



#13 Dieldrin

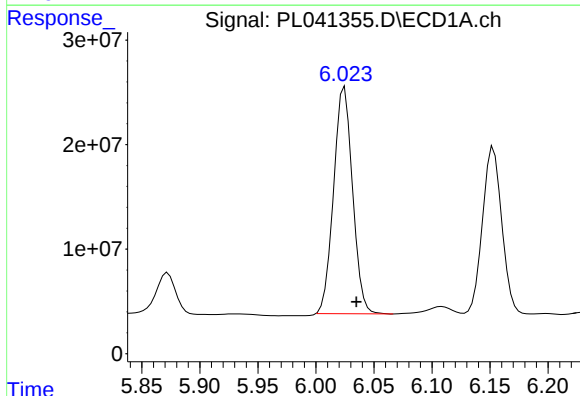
R.T.: 5.768 min  
Delta R.T.: -0.010 min  
Response: 286908066  
Conc: 45.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DL-03AMS



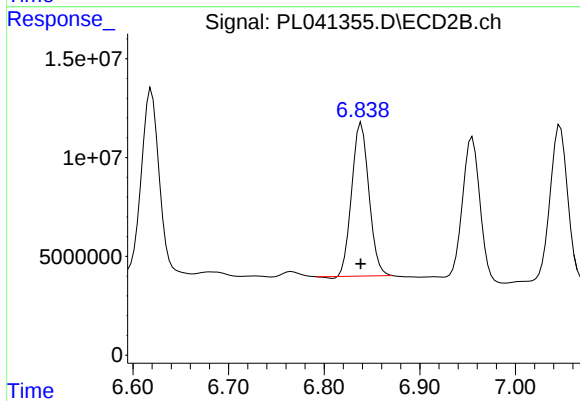
#13 Dieldrin

R.T.: 6.619 min  
Delta R.T.: 0.001 min  
Response: 117405679  
Conc: 44.10 ng/ml



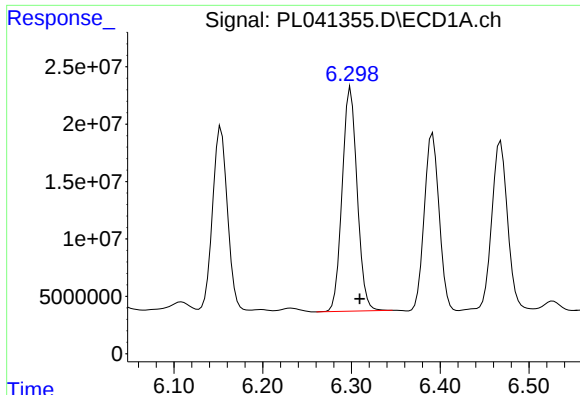
#14 Endrin

R.T.: 6.025 min  
Delta R.T.: -0.010 min  
Response: 247004148  
Conc: 43.00 ng/ml



#14 Endrin

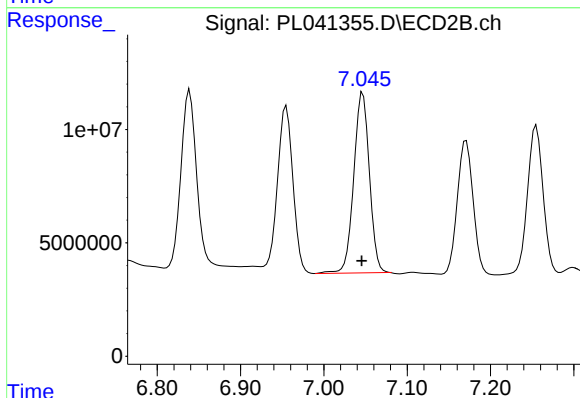
R.T.: 6.839 min  
Delta R.T.: 0.000 min  
Response: 97076062  
Conc: 43.49 ng/ml



#15 Endosulfan II

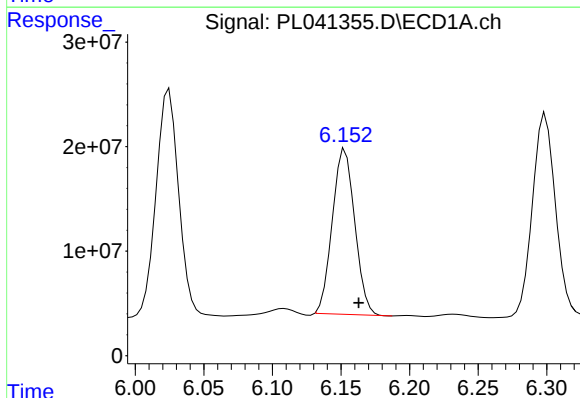
R.T.: 6.299 min  
Delta R.T.: -0.010 min  
Response: 228814840  
Conc: 40.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DL-03AMS



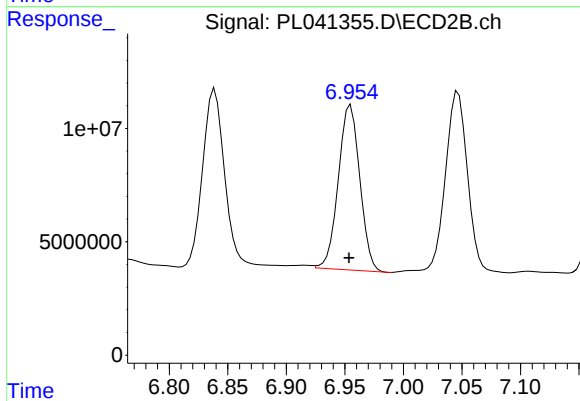
#15 Endosulfan II

R.T.: 7.047 min  
Delta R.T.: 0.001 min  
Response: 103699958  
Conc: 43.66 ng/ml



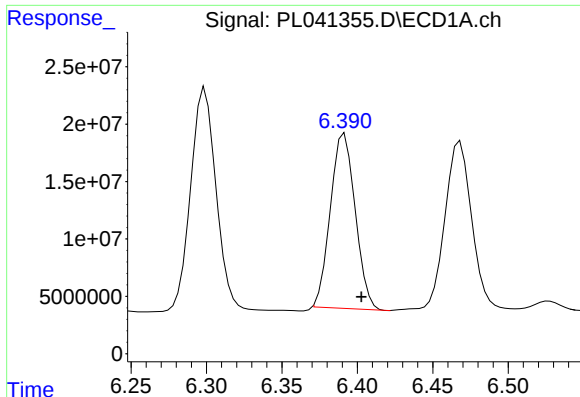
#16 4,4'-DDD

R.T.: 6.153 min  
Delta R.T.: -0.010 min  
Response: 180330806  
Conc: 39.92 ng/ml



#16 4,4'-DDD

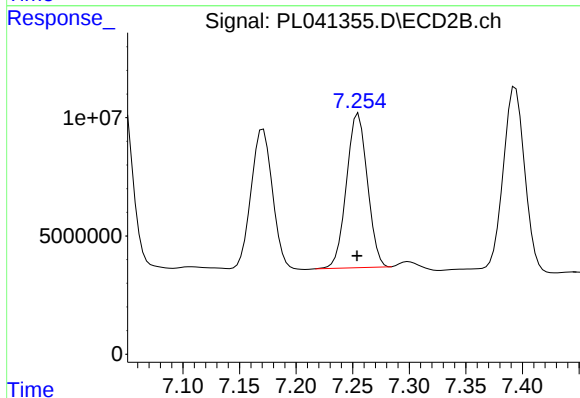
R.T.: 6.955 min  
Delta R.T.: 0.001 min  
Response: 93134246  
Conc: 44.46 ng/ml



#17 4,4'-DDT

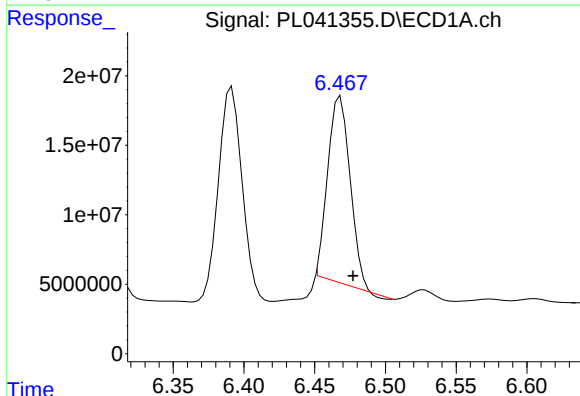
R.T.: 6.392 min  
Delta R.T.: -0.011 min  
Response: 174300576  
Conc: 38.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DL-03AMS



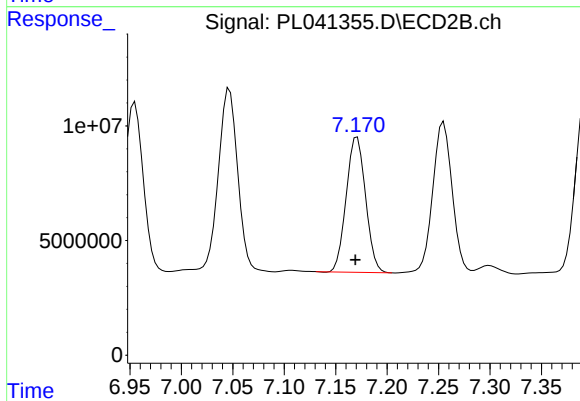
#17 4,4'-DDT

R.T.: 7.255 min  
Delta R.T.: 0.001 min  
Response: 83893949  
Conc: 40.33 ng/ml



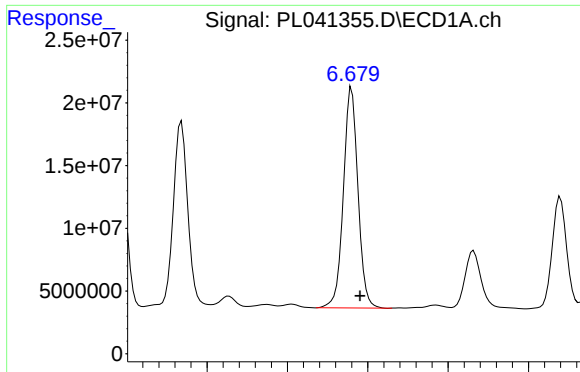
#18 Endrin aldehyde

R.T.: 6.468 min  
Delta R.T.: -0.009 min  
Response: 146988754  
Conc: 35.06 ng/ml



#18 Endrin aldehyde

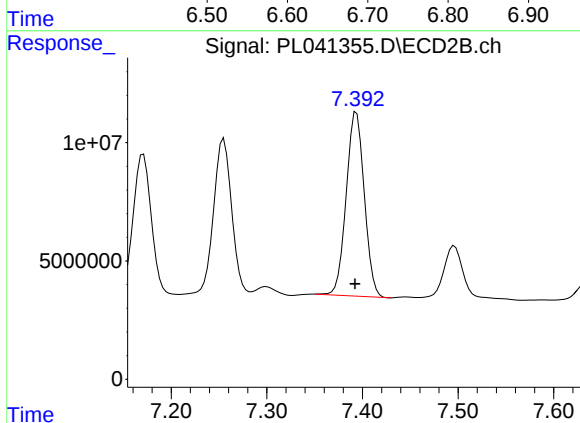
R.T.: 7.171 min  
Delta R.T.: 0.002 min  
Response: 77181619  
Conc: 38.90 ng/ml



#19 Endosulfan Sulfate

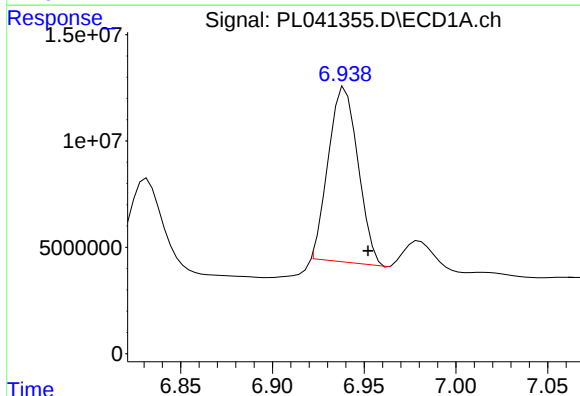
R.T.: 6.680 min  
Delta R.T.: -0.010 min  
Response: 221536336  
Conc: 43.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DL-03AMS



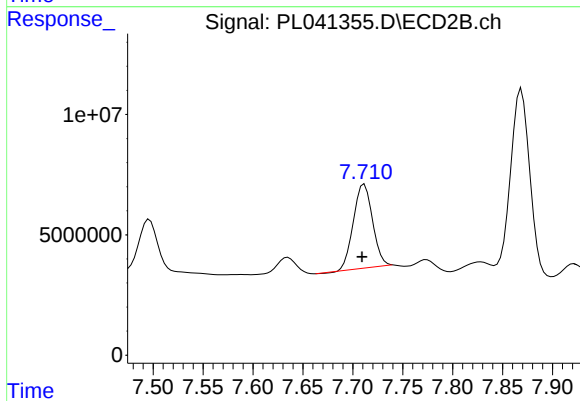
#19 Endosulfan Sulfate

R.T.: 7.394 min  
Delta R.T.: 0.001 min  
Response: 102401607  
Conc: 45.83 ng/ml



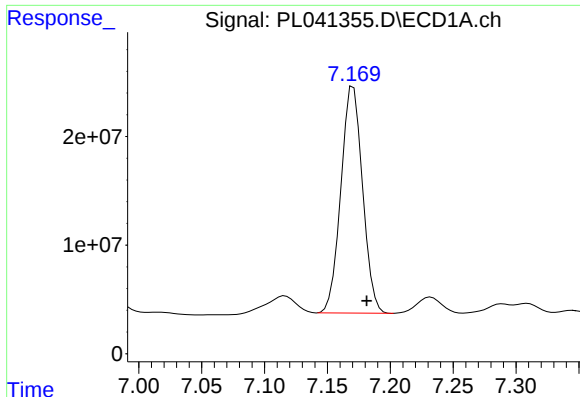
#20 Methoxychlor

R.T.: 6.940 min  
Delta R.T.: -0.012 min  
Response: 92358019  
Conc: 35.51 ng/ml



#20 Methoxychlor

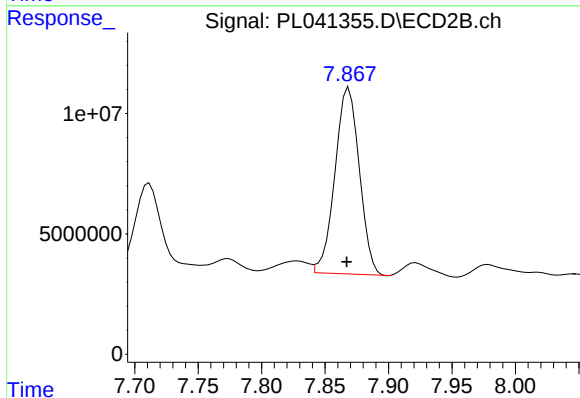
R.T.: 7.712 min  
Delta R.T.: 0.002 min  
Response: 46850639  
Conc: 39.80 ng/ml



#21 Endrin ketone

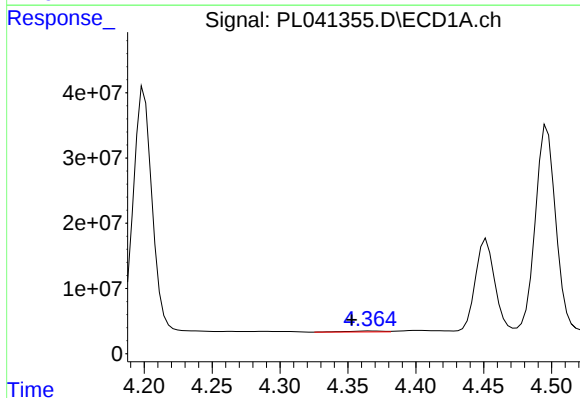
R.T.: 7.171 min  
Delta R.T.: -0.011 min  
Response: 250426084  
Conc: 47.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DL-03AMS



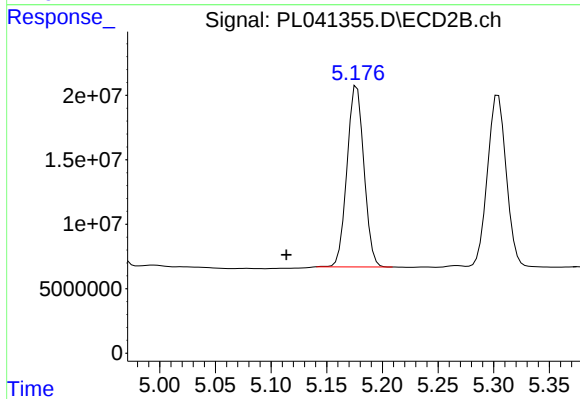
#21 Endrin ketone

R.T.: 7.869 min  
Delta R.T.: 0.002 min  
Response: 103144074  
Conc: 43.86 ng/ml



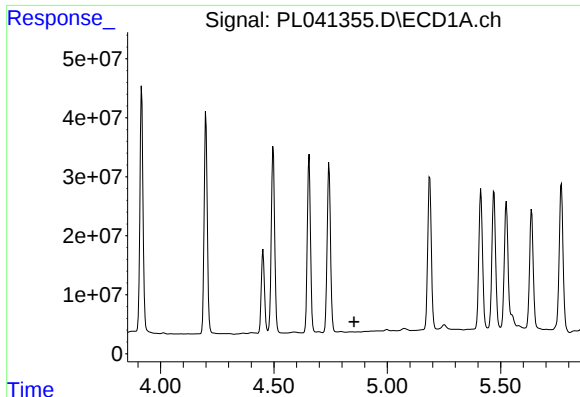
#23 Chlordane-1

R.T.: 4.366 min  
Delta R.T.: 0.013 min  
Response: 2511142  
Conc: 9.84 ng/ml



#23 Chlordane-1

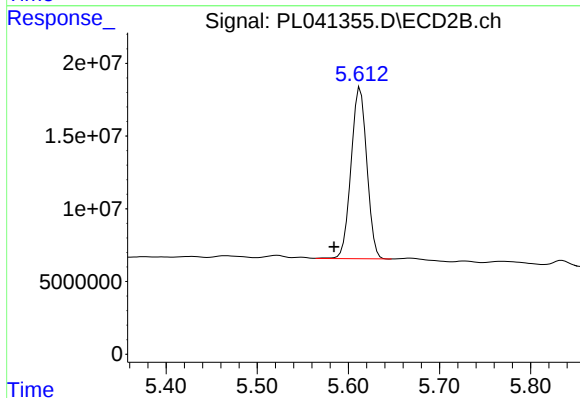
R.T.: 5.177 min  
Delta R.T.: 0.063 min  
Response: 148757114  
Conc: 1204.37 ng/ml



#24 Chlordane-2

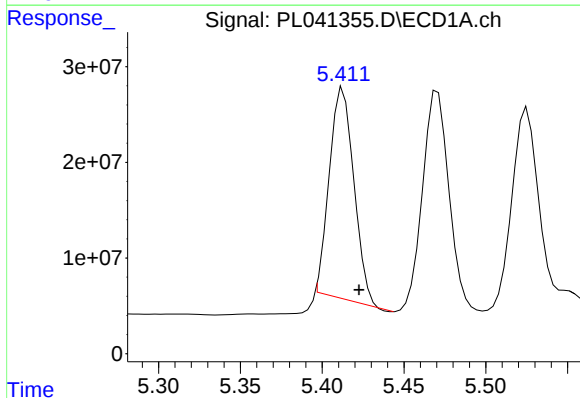
R.T.: 0.000 min  
Exp R.T.: 4.854 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
DL-03AMS



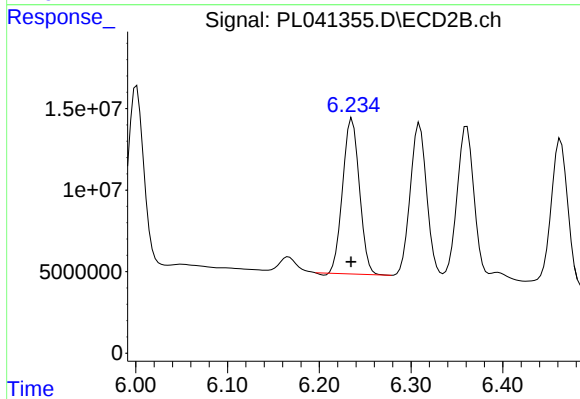
#24 Chlordane-2

R.T.: 5.613 min  
Delta R.T.: 0.029 min  
Response: 141480703  
Conc: 1144.02 ng/ml



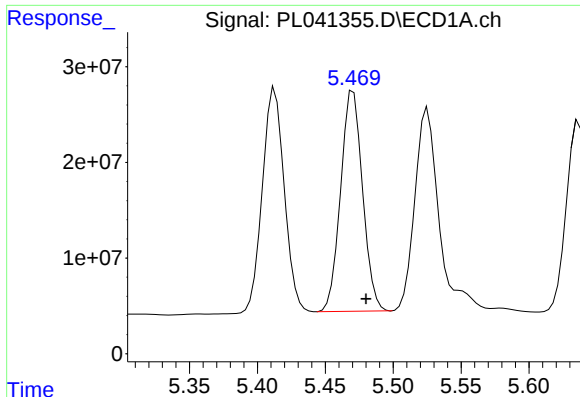
#25 Chlordane-3

R.T.: 5.413 min  
Delta R.T.: -0.010 min  
Response: 229693237  
Conc: 300.11 ng/ml



#25 Chlordane-3

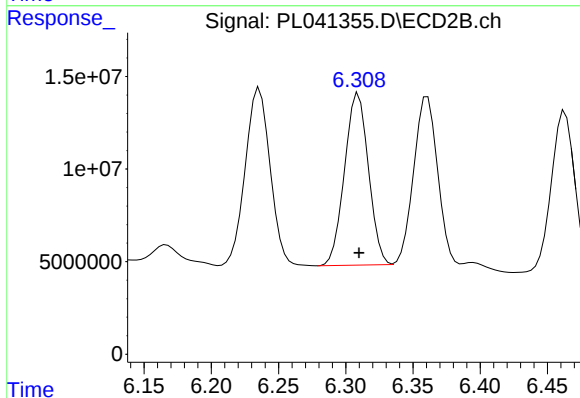
R.T.: 6.236 min  
Delta R.T.: 0.001 min  
Response: 120911059  
Conc: 299.93 ng/ml



#26 Chlordane-4

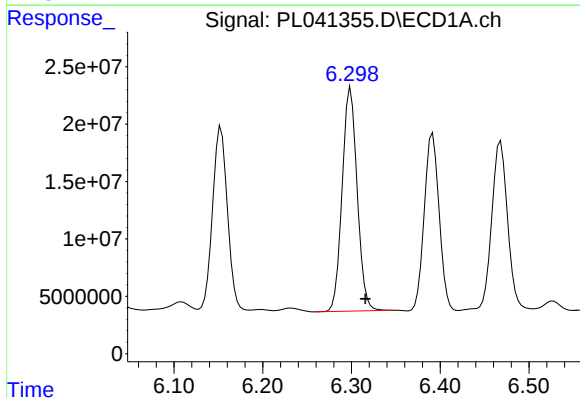
R.T.: 5.471 min  
Delta R.T.: -0.009 min  
Response: 259407227  
Conc: 386.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DL-03AMS



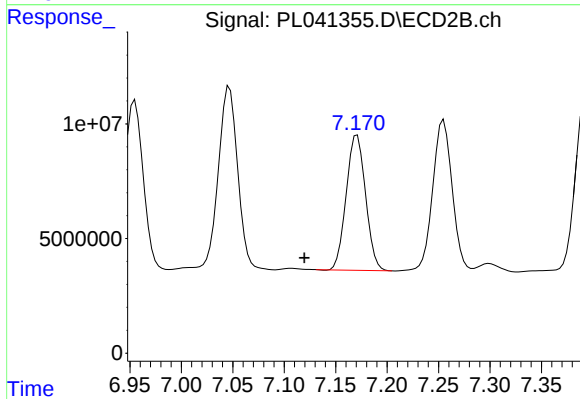
#26 Chlordane-4

R.T.: 6.309 min  
Delta R.T.: 0.000 min  
Response: 114530371  
Conc: 241.30 ng/ml



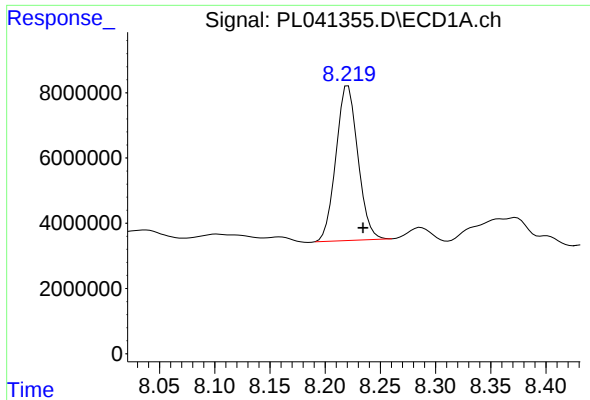
#27 Chlordane-5

R.T.: 6.299 min  
Delta R.T.: -0.017 min  
Response: 228814840  
Conc: 1055.83 ng/ml



#27 Chlordane-5

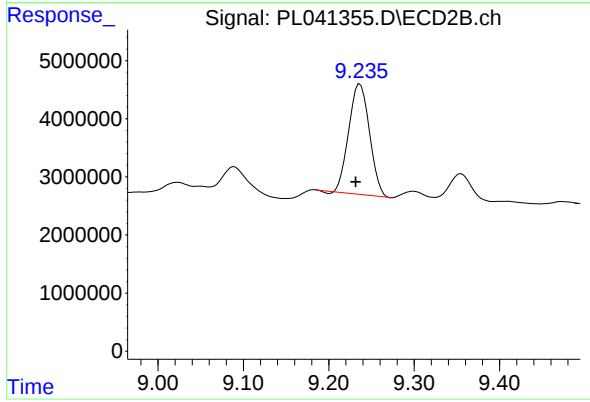
R.T.: 7.171 min  
Delta R.T.: 0.051 min  
Response: 77181619  
Conc: 872.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.221 min  
Delta R.T.: -0.014 min  
Response: 65646328  
Conc: 12.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DL-03AMS



#28 Decachlorobiphenyl

R.T.: 9.237 min  
Delta R.T.: 0.005 min  
Response: 32123382  
Conc: 12.42 ng/ml