

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112018\  
 Data File : PL042282.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Nov 2018 12:09  
 Operator : AJ\SJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 20 02:50:08 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 20 02:29:59 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... | 3.468 | 4.101 | 270.7E6 | 136.0E6  | 46.013  | 47.298     |
| 28)                         | SA Decachlor... | 8.207 | 9.232 | 286.9E6 | 114.1E6  | 45.526  | 47.314     |
| Target Compounds            |                 |       |       |         |          |         |            |
| 2)                          | A alpha-BHC     | 3.908 | 4.496 | 430.2E6 | 205.1E6  | 47.680  | 47.898     |
| 3)                          | MA gamma-BHC... | 4.190 | 4.785 | 394.5E6 | 189.3E6  | 47.867  | 47.902     |
| 4)                          | MA Heptachlor   | 4.486 | 5.300 | 411.1E6 | 188.1E6  | 47.248  | 47.955     |
| 5)                          | MB Aldrin       | 4.733 | 5.610 | 389.6E6 | 184.0E6  | 47.985  | 47.901     |
| 6)                          | B beta-BHC      | 4.444 | 4.954 | 163.1E6 | 77497817 | 46.032  | 49.120     |
| 7)                          | B delta-BHC     | 4.646 | 5.174 | 367.5E6 | 176.9E6  | 47.989  | 48.071     |
| 8)                          | B Heptachlo...  | 5.176 | 5.998 | 357.9E6 | 165.5E6  | 47.220  | 46.150     |
| 9)                          | A Endosulfan I  | 5.514 | 6.357 | 328.8E6 | 151.5E6  | 47.514  | 47.970     |
| 10)                         | B gamma-Chl...  | 5.401 | 6.232 | 362.1E6 | 163.9E6  | 47.490  | 48.135     |
| 11)                         | B alpha-Chl...  | 5.459 | 6.306 | 355.1E6 | 159.8E6  | 47.307  | 47.775     |
| 12)                         | B 4,4'-DDE      | 5.625 | 6.460 | 316.8E6 | 161.2E6  | 48.400  | 48.423     |
| 13)                         | MA Dieldrin     | 5.756 | 6.616 | 353.2E6 | 161.4E6  | 48.008  | 48.488     |
| 14)                         | MA Endrin       | 6.013 | 6.836 | 312.8E6 | 132.4E6  | 47.831  | 48.070     |
| 15)                         | B Endosulfa...  | 6.288 | 7.044 | 247.7E6 | 133.6E6  | 39.628  | 48.385     |
| 16)                         | A 4,4'-DDD      | 6.141 | 6.952 | 254.1E6 | 125.5E6  | 47.991  | 47.687     |
| 17)                         | MA 4,4'-DDT     | 6.380 | 7.252 | 268.7E6 | 127.9E6  | 48.260  | 48.422     |
| 18)                         | B Endrin al...  | 6.455 | 7.168 | 243.0E6 | 111.2E6  | 46.737  | 48.502     |
| 19)                         | B Endosulfa...  | 6.668 | 7.392 | 301.4E6 | 129.7E6  | 48.312  | 46.625     |
| 20)                         | A Methoxychlor  | 6.926 | 7.708 | 147.0E6 | 65540502 | 46.603  | 48.070     |
| 21)                         | B Endrin ke...  | 7.158 | 7.866 | 329.9E6 | 132.5E6  | 47.646  | 47.928     |
| 23)                         | Chlordane-1     | 4.364 | 5.174 | 1879435 | 176.9E6  | 6.798   | 1330.808 # |
| 24)                         | Chlordane-2     | 0.000 | 5.610 | 0       | 184.0E6  | N.D.    | 1319.229 # |
| 25)                         | Chlordane-3     | 5.401 | 6.232 | 362.1E6 | 163.9E6  | 413.064 | 348.716    |
| 26)                         | Chlordane-4     | 5.459 | 6.306 | 355.1E6 | 159.8E6  | 467.931 | 291.966 #  |
| 27)                         | Chlordane-5     | 6.288 | 7.168 | 247.7E6 | 111.2E6  | 831.268 | 1155.931 # |
| -----                       |                 |       |       |         |          |         |            |

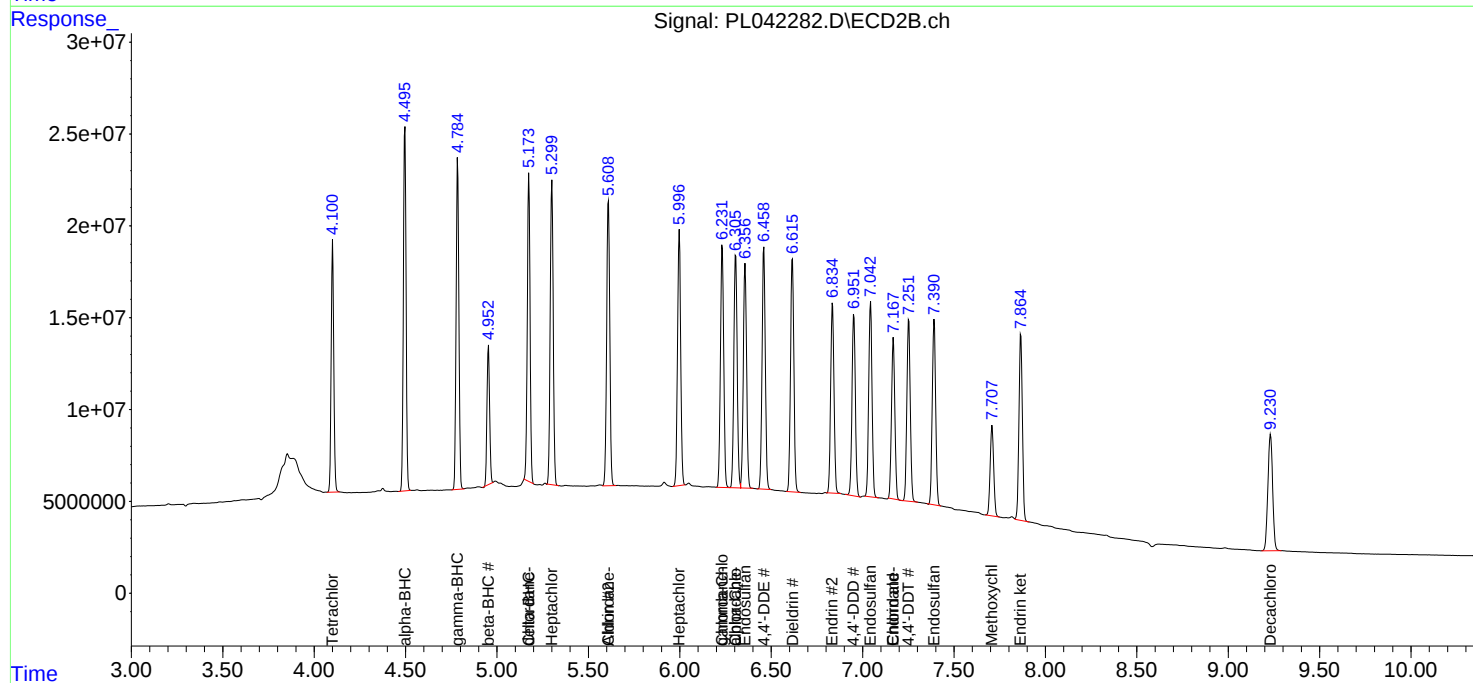
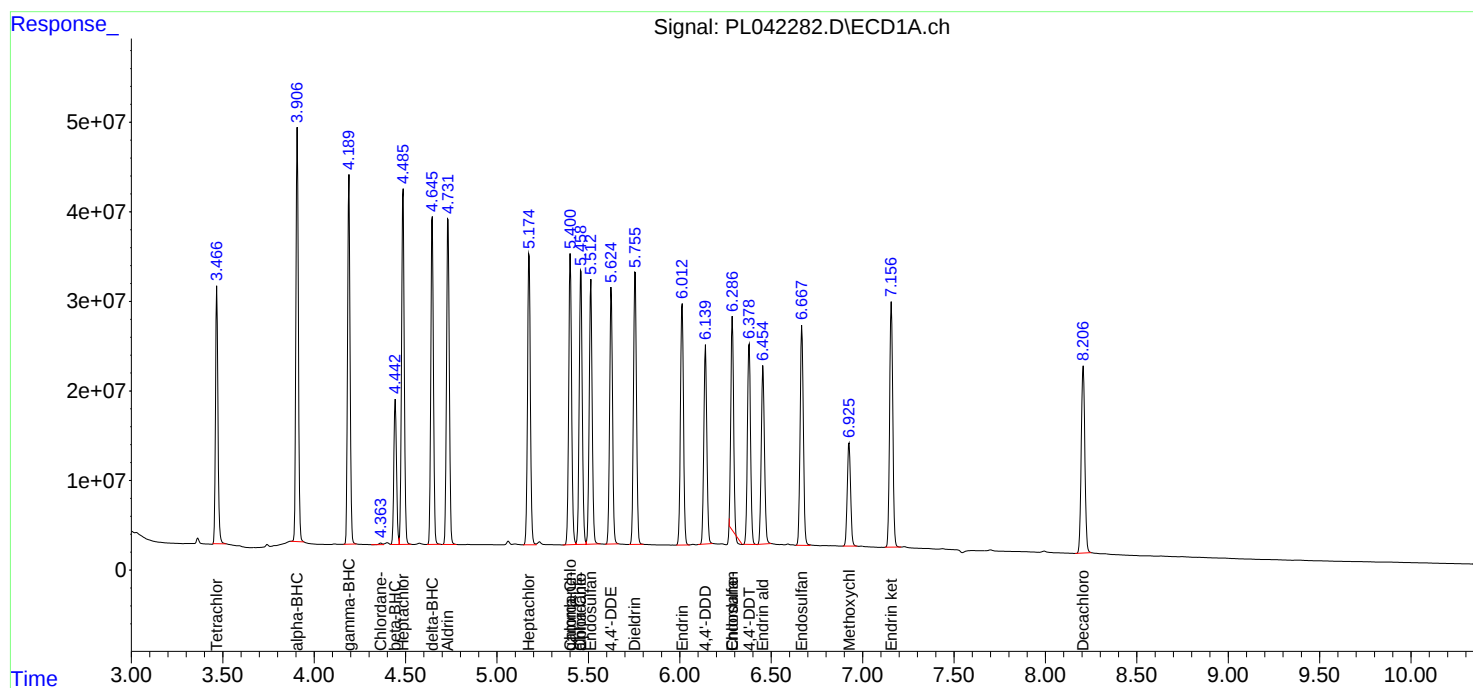
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

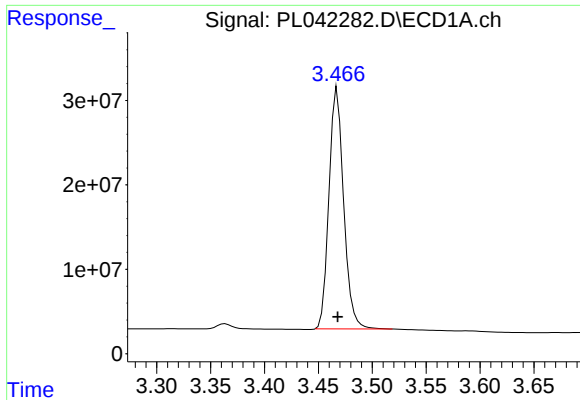
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112018\  
Data File : PL042282.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Nov 2018 12:09  
Operator : AJ\SJ  
Sample : PSTDICV050  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 02:50:08 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 20 02:29:59 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

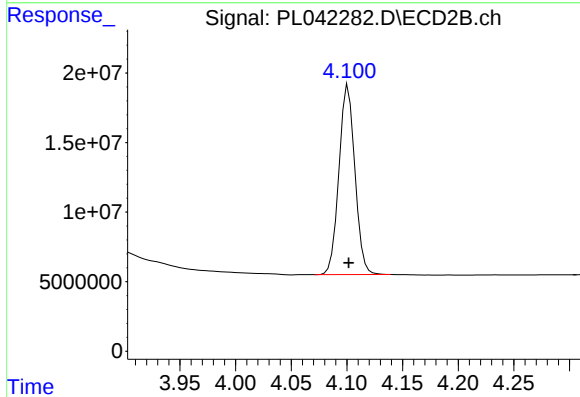




#1 Tetrachloro-m-xylene

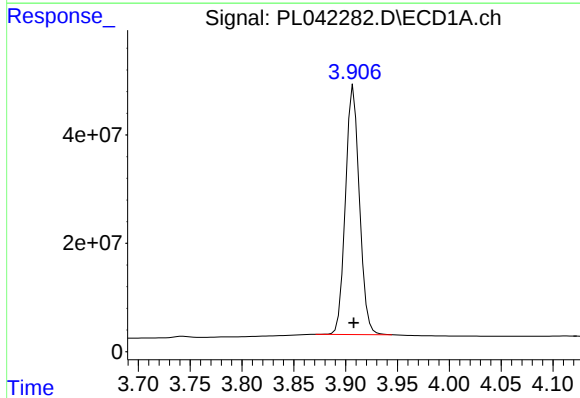
R.T.: 3.468 min  
Delta R.T.: 0.000 min  
Response: 270715823  
Conc: 46.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



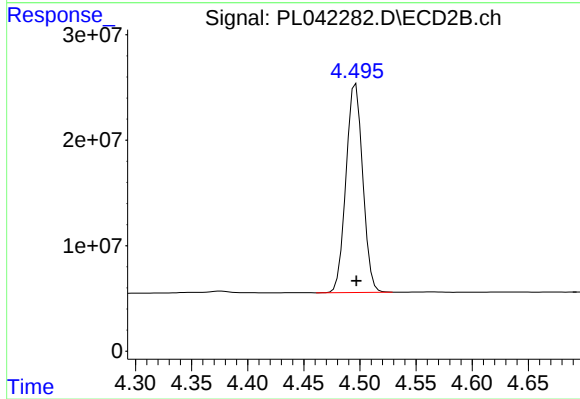
#1 Tetrachloro-m-xylene

R.T.: 4.101 min  
Delta R.T.: 0.000 min  
Response: 136034736  
Conc: 47.30 ng/ml



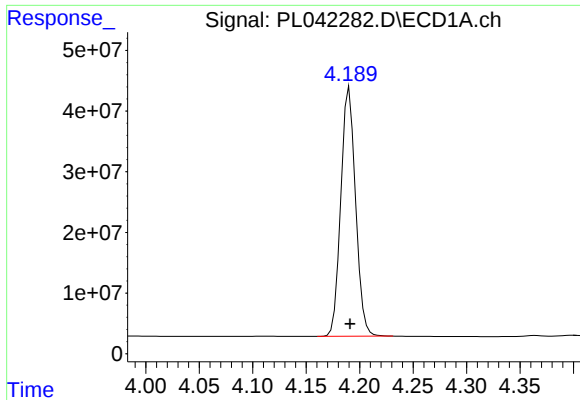
#2 alpha-BHC

R.T.: 3.908 min  
Delta R.T.: 0.000 min  
Response: 430232860  
Conc: 47.68 ng/ml



#2 alpha-BHC

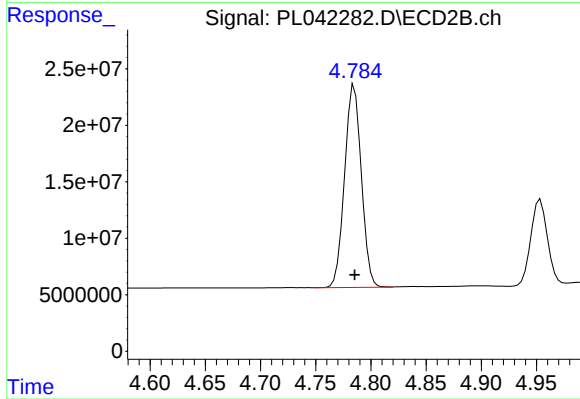
R.T.: 4.496 min  
Delta R.T.: 0.000 min  
Response: 205125280  
Conc: 47.90 ng/ml



#3 gamma-BHC (Lindane)

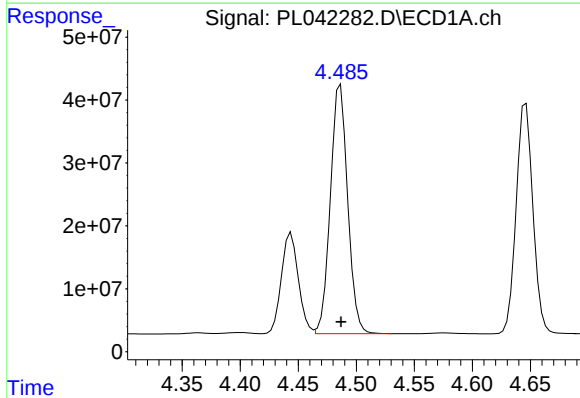
R.T.: 4.190 min  
Delta R.T.: 0.000 min  
Response: 394516794  
Conc: 47.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



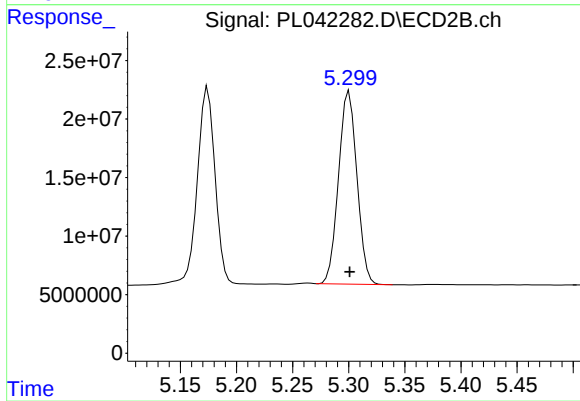
#3 gamma-BHC (Lindane)

R.T.: 4.785 min  
Delta R.T.: 0.000 min  
Response: 189290788  
Conc: 47.90 ng/ml



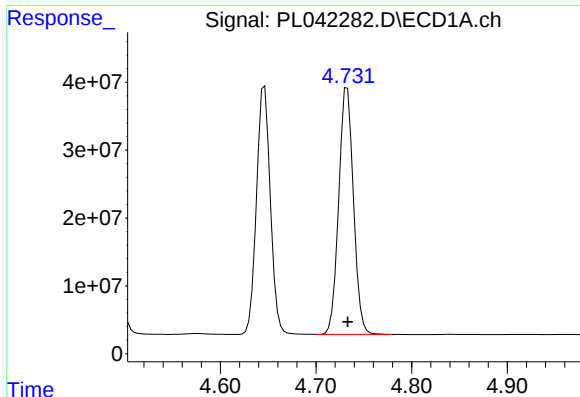
#4 Heptachlor

R.T.: 4.486 min  
Delta R.T.: 0.000 min  
Response: 411123329  
Conc: 47.25 ng/ml



#4 Heptachlor

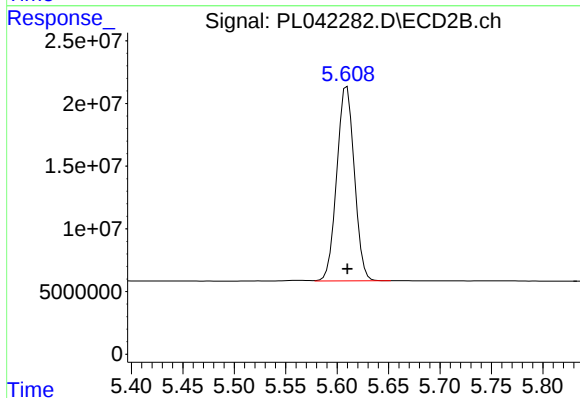
R.T.: 5.300 min  
Delta R.T.: 0.000 min  
Response: 188119575  
Conc: 47.96 ng/ml



#5 Aldrin

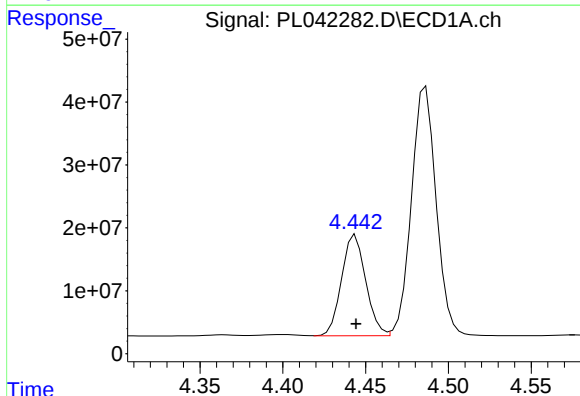
R.T.: 4.733 min  
Delta R.T.: 0.000 min  
Response: 389591292  
Conc: 47.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



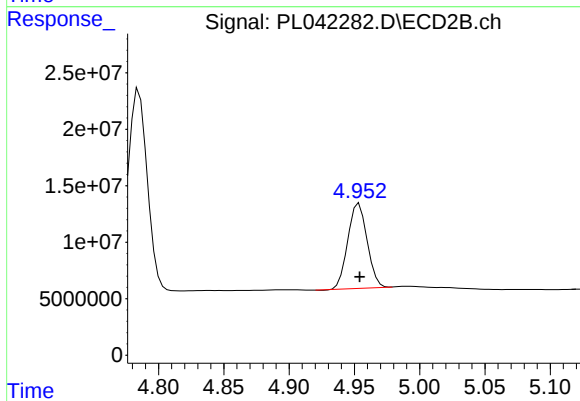
#5 Aldrin

R.T.: 5.610 min  
Delta R.T.: 0.000 min  
Response: 183958620  
Conc: 47.90 ng/ml



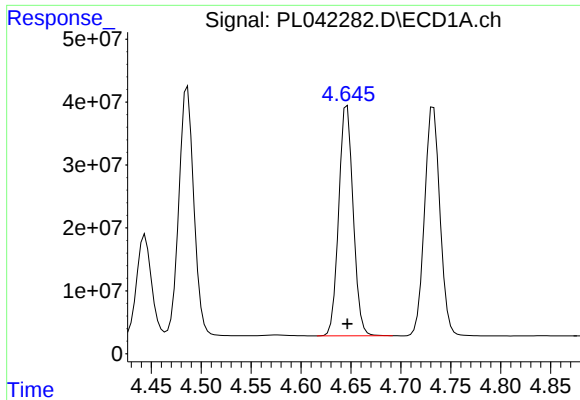
#6 beta-BHC

R.T.: 4.444 min  
Delta R.T.: 0.000 min  
Response: 163080163  
Conc: 46.03 ng/ml



#6 beta-BHC

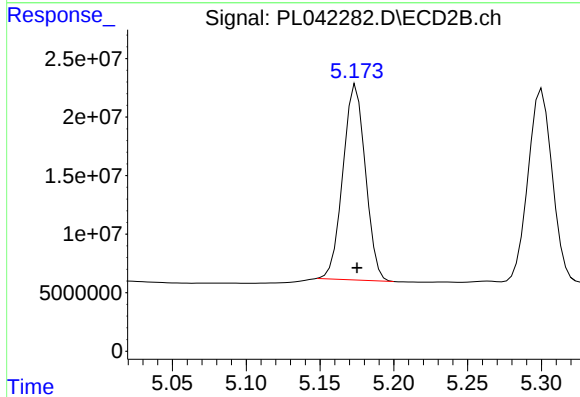
R.T.: 4.954 min  
Delta R.T.: 0.000 min  
Response: 77497817  
Conc: 49.12 ng/ml



#7 delta-BHC

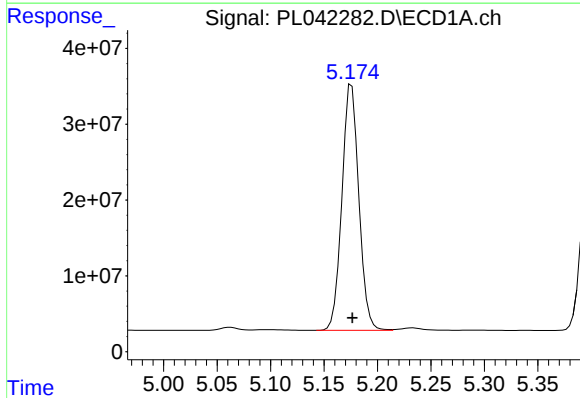
R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 367497554  
Conc: 47.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



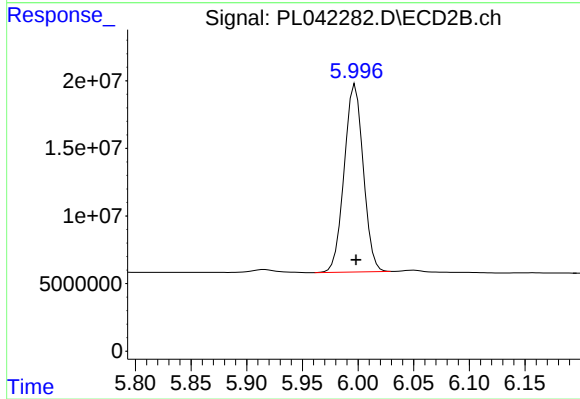
#7 delta-BHC

R.T.: 5.174 min  
Delta R.T.: 0.000 min  
Response: 176907502  
Conc: 48.07 ng/ml



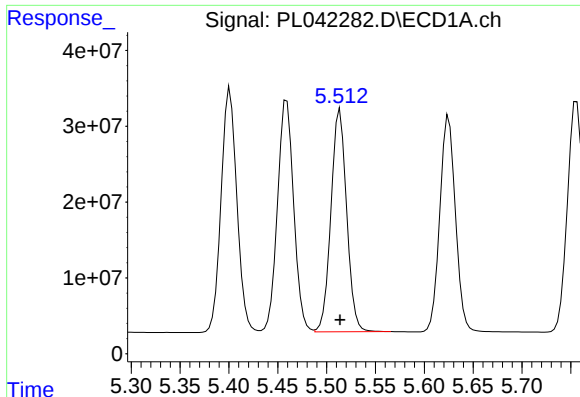
#8 Heptachlor epoxide

R.T.: 5.176 min  
Delta R.T.: 0.000 min  
Response: 357910074  
Conc: 47.22 ng/ml



#8 Heptachlor epoxide

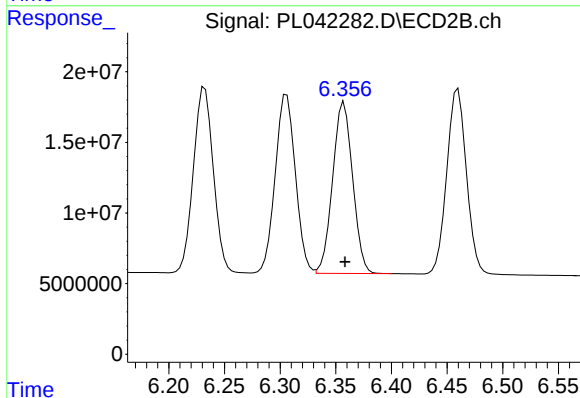
R.T.: 5.998 min  
Delta R.T.: 0.000 min  
Response: 165475848  
Conc: 46.15 ng/ml



#9 Endosulfan I

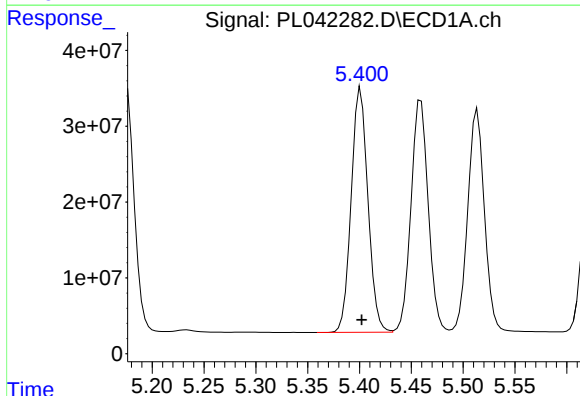
R.T.: 5.514 min  
Delta R.T.: 0.000 min  
Response: 328806676  
Conc: 47.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



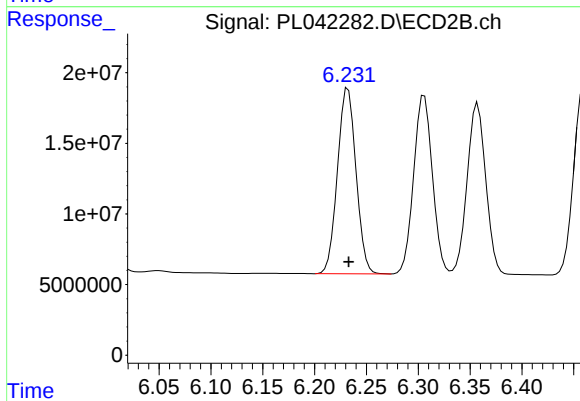
#9 Endosulfan I

R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 151491214  
Conc: 47.97 ng/ml



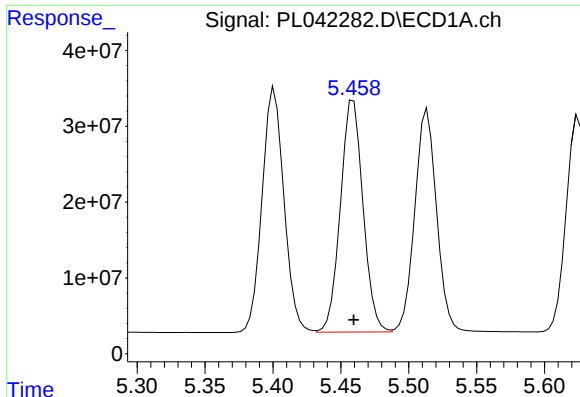
#10 gamma-Chlordane

R.T.: 5.401 min  
Delta R.T.: -0.001 min  
Response: 362087763  
Conc: 47.49 ng/ml



#10 gamma-Chlordane

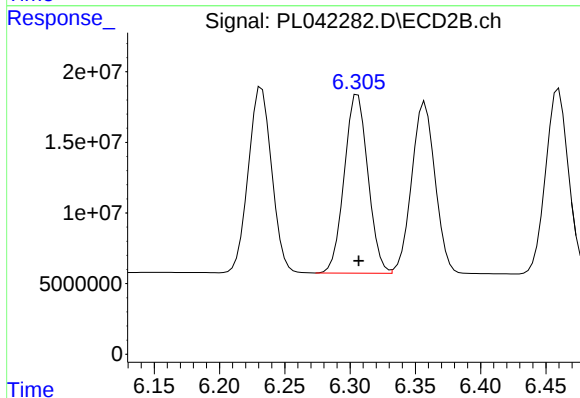
R.T.: 6.232 min  
Delta R.T.: 0.000 min  
Response: 163870289  
Conc: 48.14 ng/ml



#11 alpha-Chlordane

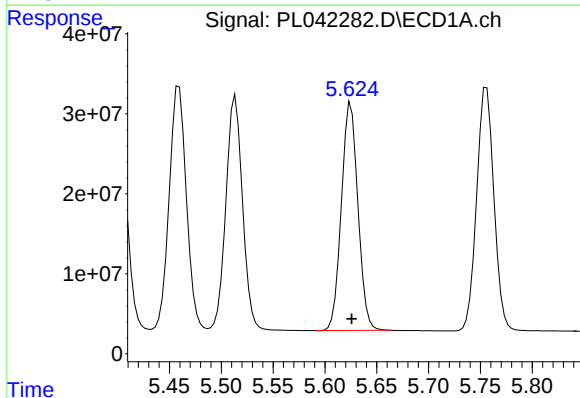
R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 355122071  
Conc: 47.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



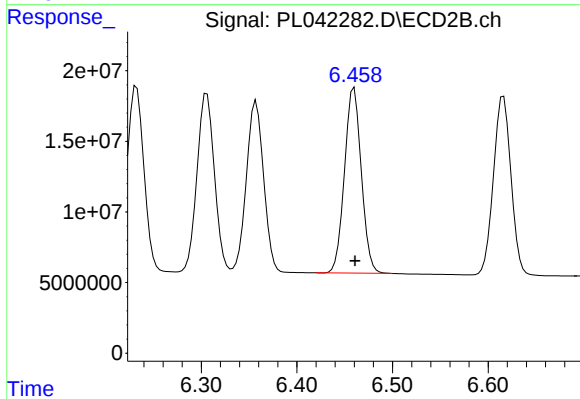
#11 alpha-Chlordane

R.T.: 6.306 min  
Delta R.T.: 0.000 min  
Response: 159751072  
Conc: 47.77 ng/ml



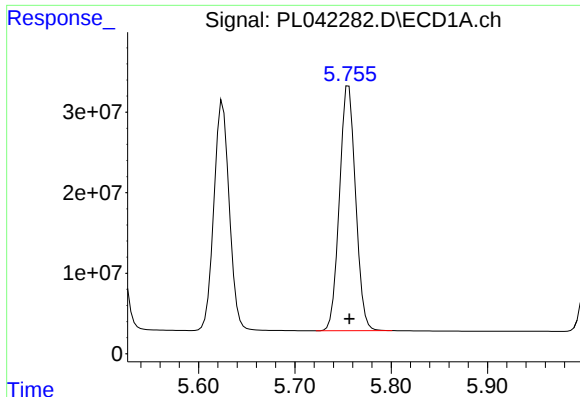
#12 4,4'-DDE

R.T.: 5.625 min  
Delta R.T.: 0.000 min  
Response: 316787883  
Conc: 48.40 ng/ml



#12 4,4'-DDE

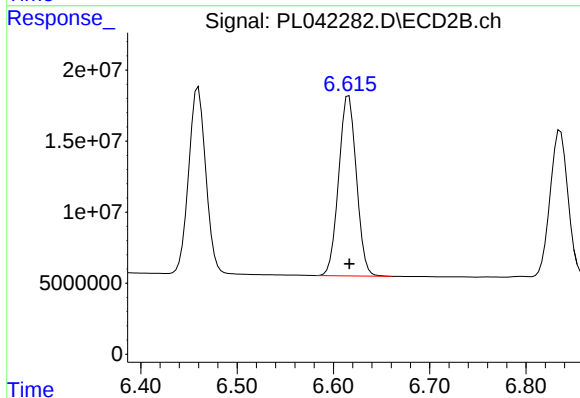
R.T.: 6.460 min  
Delta R.T.: 0.000 min  
Response: 161160947  
Conc: 48.42 ng/ml



#13 Dieldrin

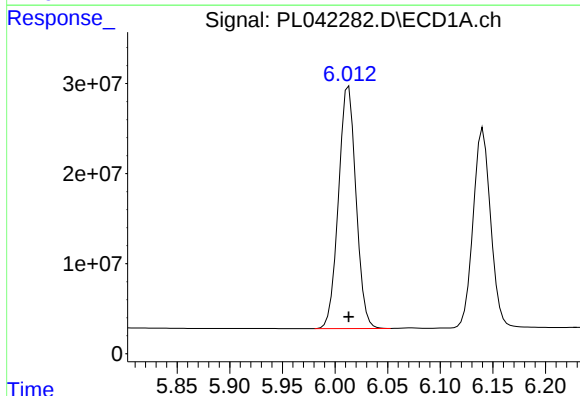
R.T.: 5.756 min  
Delta R.T.: 0.000 min  
Response: 353181831  
Conc: 48.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



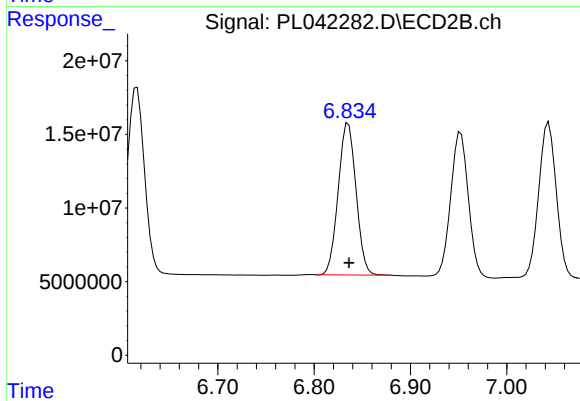
#13 Dieldrin

R.T.: 6.616 min  
Delta R.T.: 0.000 min  
Response: 161394526  
Conc: 48.49 ng/ml



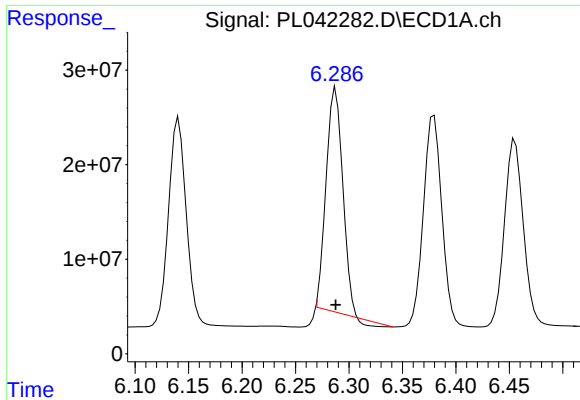
#14 Endrin

R.T.: 6.013 min  
Delta R.T.: 0.000 min  
Response: 312827749  
Conc: 47.83 ng/ml



#14 Endrin

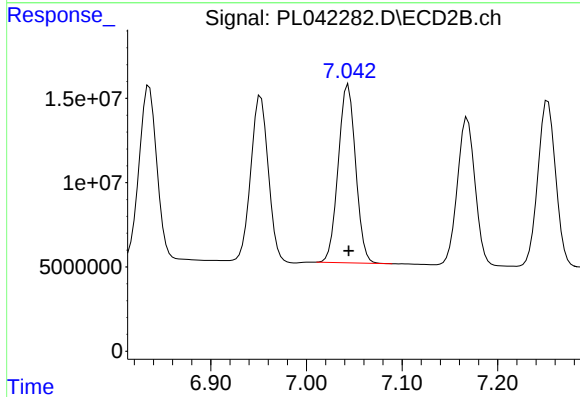
R.T.: 6.836 min  
Delta R.T.: 0.000 min  
Response: 132410573  
Conc: 48.07 ng/ml



#15 Endosulfan II

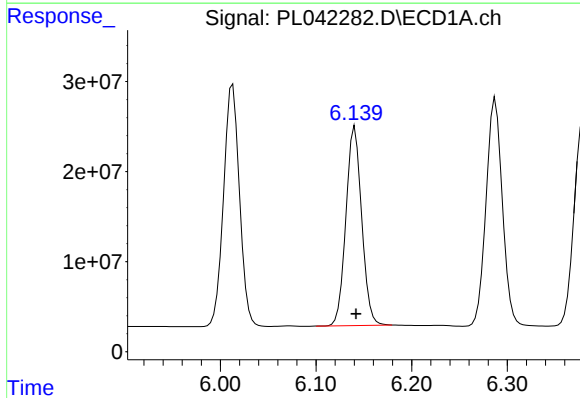
R.T.: 6.288 min  
Delta R.T.: 0.000 min  
Response: 247694741  
Conc: 39.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



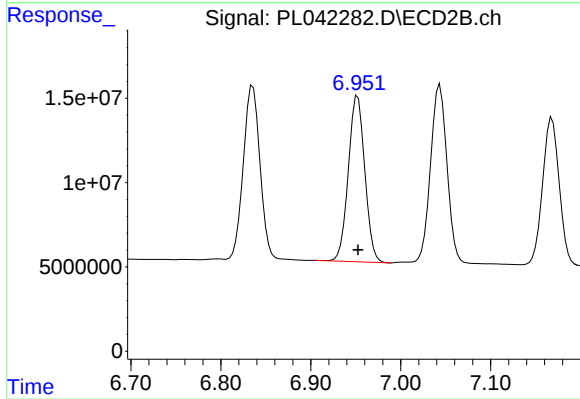
#15 Endosulfan II

R.T.: 7.044 min  
Delta R.T.: 0.000 min  
Response: 133625487  
Conc: 48.39 ng/ml



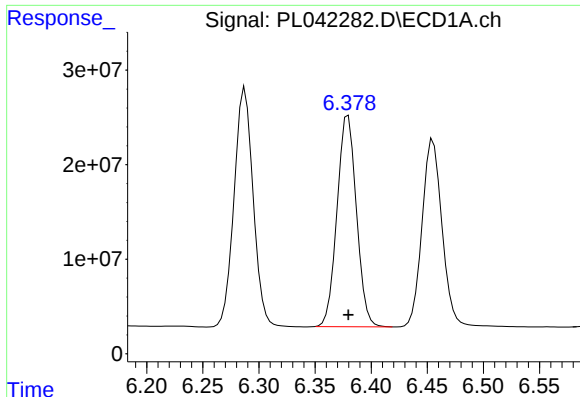
#16 4,4'-DDD

R.T.: 6.141 min  
Delta R.T.: -0.001 min  
Response: 254101406  
Conc: 47.99 ng/ml



#16 4,4'-DDD

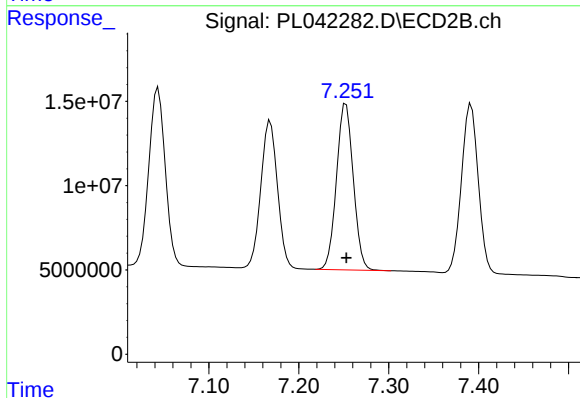
R.T.: 6.952 min  
Delta R.T.: 0.000 min  
Response: 125517877  
Conc: 47.69 ng/ml



#17 4,4'-DDT

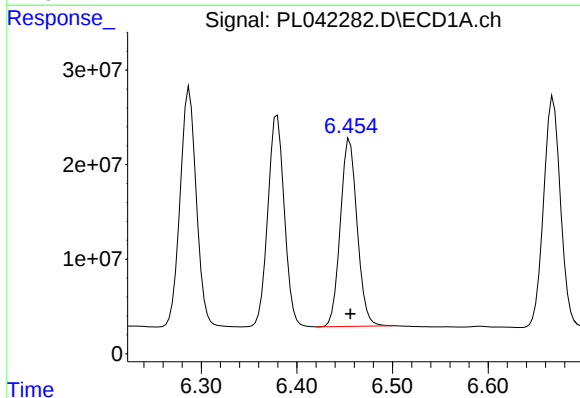
R.T.: 6.380 min  
Delta R.T.: 0.000 min  
Response: 268658589  
Conc: 48.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



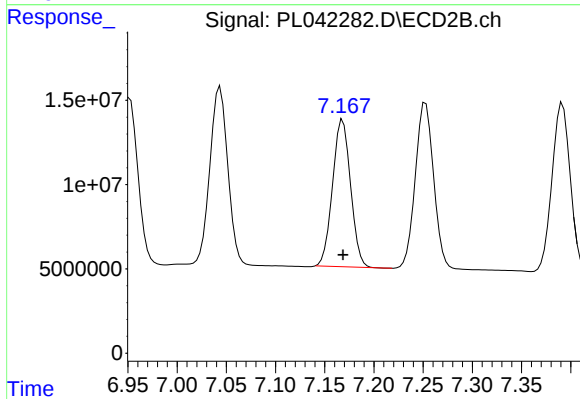
#17 4,4'-DDT

R.T.: 7.252 min  
Delta R.T.: 0.000 min  
Response: 127861609  
Conc: 48.42 ng/ml



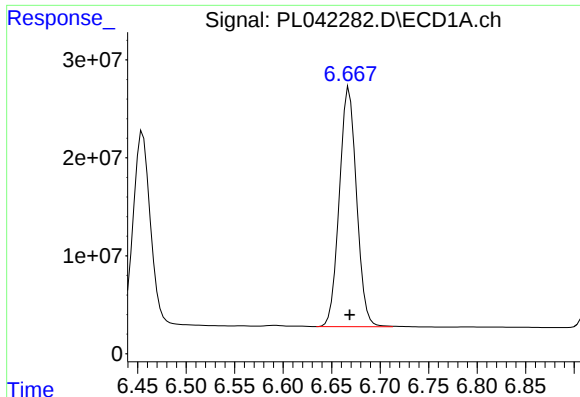
#18 Endrin aldehyde

R.T.: 6.455 min  
Delta R.T.: 0.000 min  
Response: 242967450  
Conc: 46.74 ng/ml



#18 Endrin aldehyde

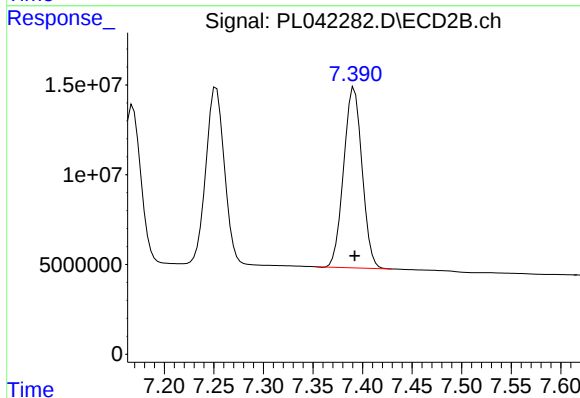
R.T.: 7.168 min  
Delta R.T.: 0.000 min  
Response: 111195264  
Conc: 48.50 ng/ml



#19 Endosulfan Sulfate

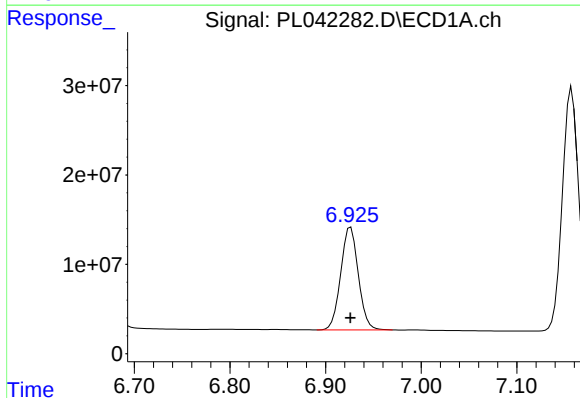
R.T.: 6.668 min  
Delta R.T.: 0.000 min  
Response: 301433163  
Conc: 48.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



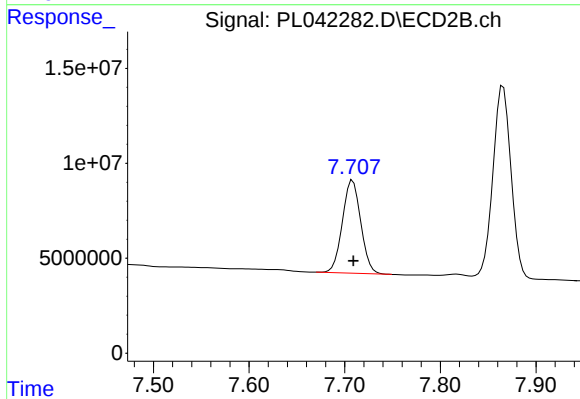
#19 Endosulfan Sulfate

R.T.: 7.392 min  
Delta R.T.: 0.000 min  
Response: 129666881  
Conc: 46.63 ng/ml



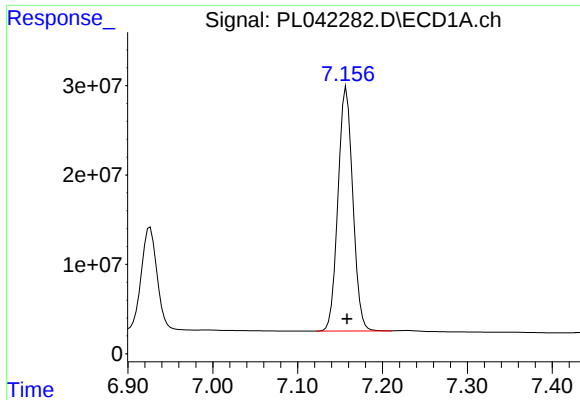
#20 Methoxychlor

R.T.: 6.926 min  
Delta R.T.: 0.000 min  
Response: 146976872  
Conc: 46.60 ng/ml



#20 Methoxychlor

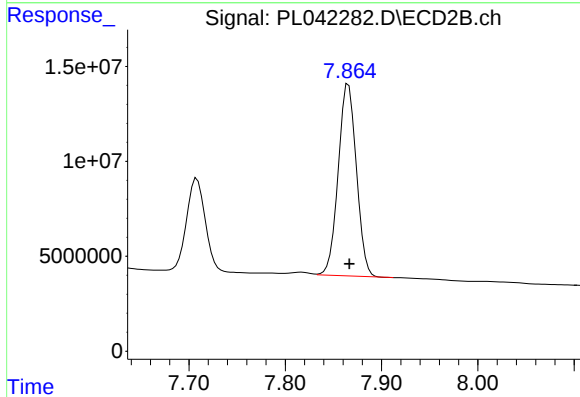
R.T.: 7.708 min  
Delta R.T.: 0.000 min  
Response: 65540502  
Conc: 48.07 ng/ml



#21 Endrin ketone

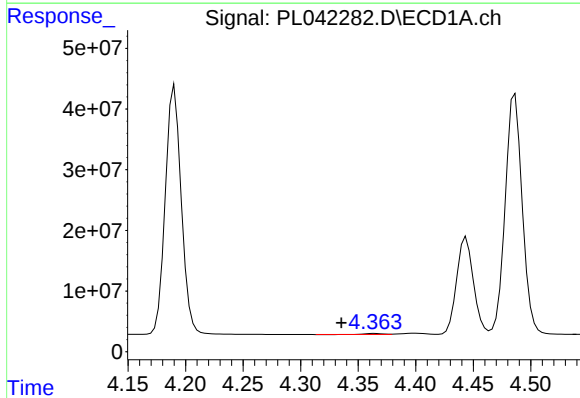
R.T.: 7.158 min  
Delta R.T.: 0.000 min  
Response: 329919337  
Conc: 47.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



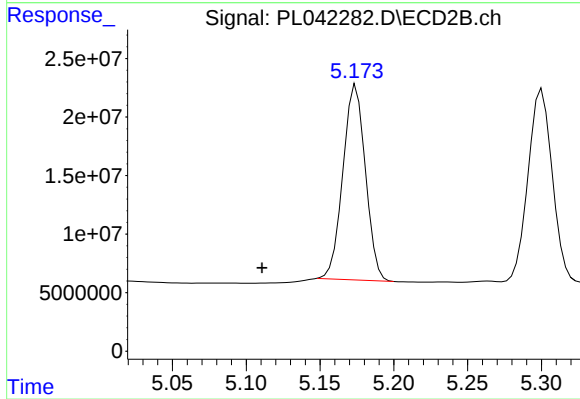
#21 Endrin ketone

R.T.: 7.866 min  
Delta R.T.: 0.000 min  
Response: 132471671  
Conc: 47.93 ng/ml



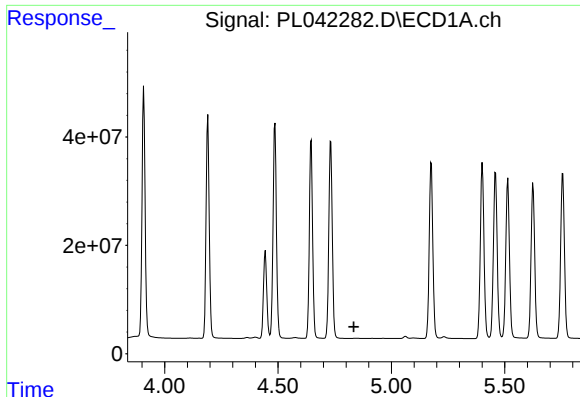
#23 Chlordane-1

R.T.: 4.364 min  
Delta R.T.: 0.029 min  
Response: 1879435  
Conc: 6.80 ng/ml



#23 Chlordane-1

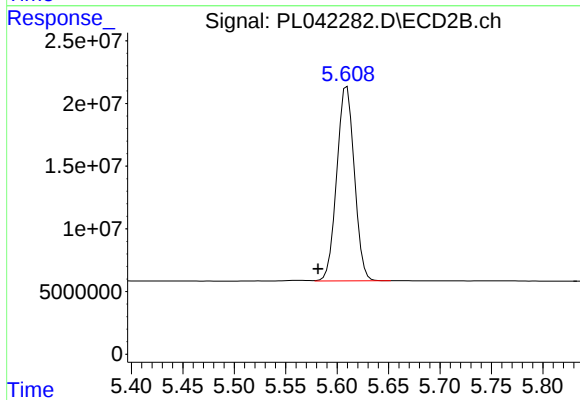
R.T.: 5.174 min  
Delta R.T.: 0.064 min  
Response: 176907502  
Conc: 1330.81 ng/ml



#24 Chlordane-2

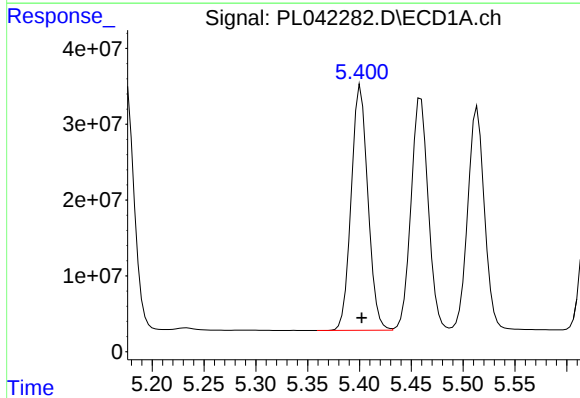
R.T.: 0.000 min  
Exp R.T.: 4.835 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



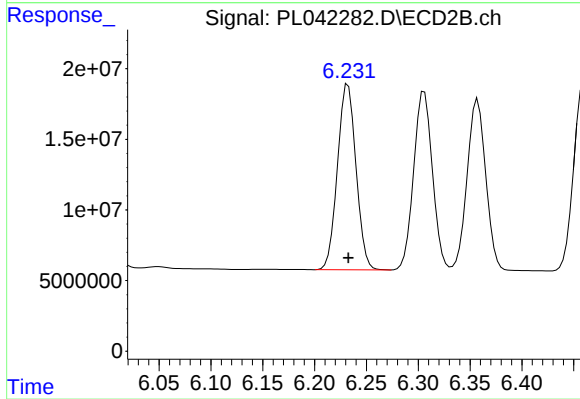
#24 Chlordane-2

R.T.: 5.610 min  
Delta R.T.: 0.028 min  
Response: 183958620  
Conc: 1319.23 ng/ml



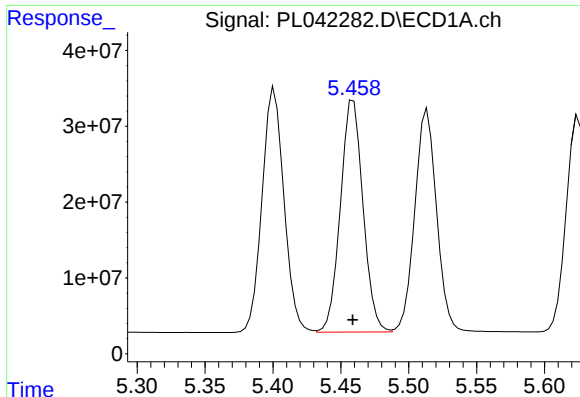
#25 Chlordane-3

R.T.: 5.401 min  
Delta R.T.: -0.001 min  
Response: 362087763  
Conc: 413.06 ng/ml



#25 Chlordane-3

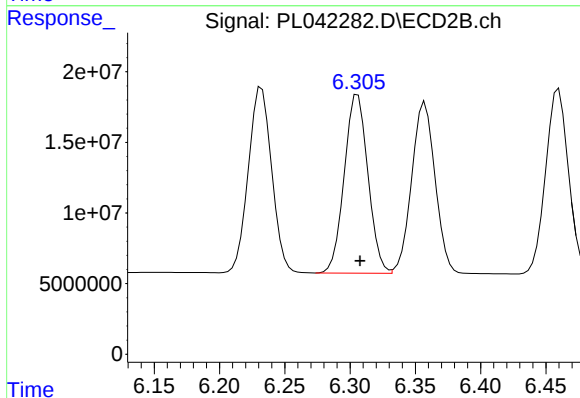
R.T.: 6.232 min  
Delta R.T.: 0.000 min  
Response: 163870289  
Conc: 348.72 ng/ml



#26 Chlordane-4

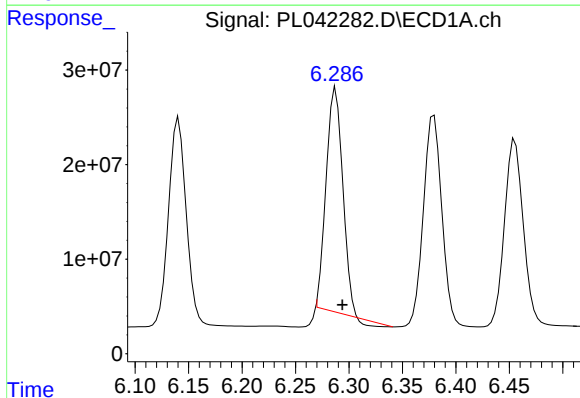
R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 355122071  
Conc: 467.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



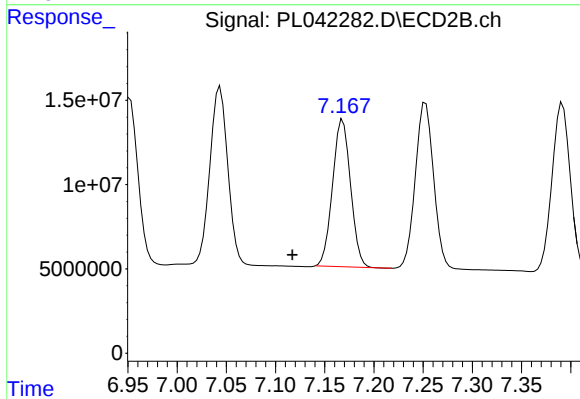
#26 Chlordane-4

R.T.: 6.306 min  
Delta R.T.: -0.002 min  
Response: 159751072  
Conc: 291.97 ng/ml



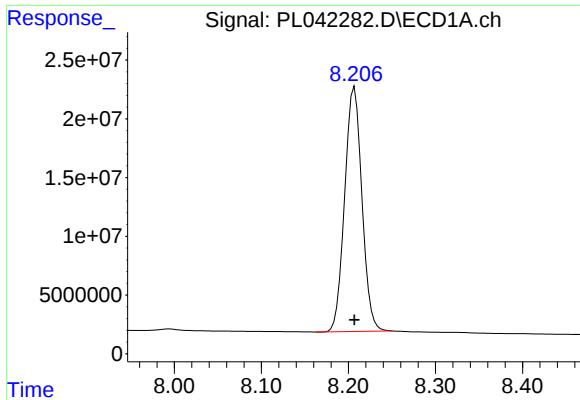
#27 Chlordane-5

R.T.: 6.288 min  
Delta R.T.: -0.006 min  
Response: 247694741  
Conc: 831.27 ng/ml



#27 Chlordane-5

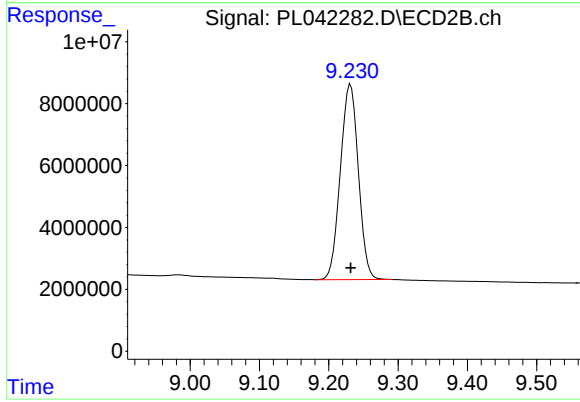
R.T.: 7.168 min  
Delta R.T.: 0.051 min  
Response: 111195264  
Conc: 1155.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.207 min  
Delta R.T.: 0.000 min  
Response: 286908801  
Conc: 45.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.232 min  
Delta R.T.: 0.000 min  
Response: 114114334  
Conc: 47.31 ng/ml