

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112618\  
 Data File : PL042444.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Nov 2018 11:04  
 Operator : AJ\SJ  
 Sample : J6014-01MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 27 00:29:20 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... | 3.467 | 4.101 | 121.8E6  | 63479357 | 20.707   | 22.071     |
| 28)                         | SA Decachlor... | 8.206 | 9.233 | 76625957 | 33276887 | 12.159   | 13.797     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.907 | 4.496 | 552.2E6  | 253.5E6  | 61.193   | 59.189     |
| 3)                          | MA gamma-BHC... | 4.190 | 4.785 | 490.1E6  | 237.5E6  | 59.462   | 60.104     |
| 4)                          | MA Heptachlor   | 4.486 | 5.301 | 480.8E6  | 215.7E6  | 55.260   | 54.998     |
| 5)                          | MB Aldrin       | 4.732 | 5.610 | 432.1E6  | 208.9E6  | 53.219   | 54.403     |
| 6)                          | B beta-BHC      | 4.444 | 4.954 | 201.1E6  | 89900715 | 56.762   | 56.981     |
| 7)                          | B delta-BHC     | 4.646 | 5.175 | 398.1E6  | 188.7E6  | 51.983   | 51.284     |
| 8)                          | B Heptachlo...  | 5.175 | 5.997 | 422.7E6  | 276.0E6  | 55.762   | 76.988 #   |
| 9)                          | A Endosulfan I  | 5.513 | 6.358 | 370.5E6  | 176.1E6  | 53.540   | 55.755     |
| 10)                         | B gamma-Chl...  | 5.401 | 6.233 | 407.7E6  | 184.7E6  | 53.466   | 54.262     |
| 11)                         | B alpha-Chl...  | 5.459 | 6.307 | 372.8E6  | 180.1E6  | 49.656   | 53.864     |
| 12)                         | B 4,4'-DDE      | 5.625 | 6.461 | 360.5E6  | 151.4E6  | 55.074   | 45.482     |
| 13)                         | MA Dieldrin     | 5.756 | 6.616 | 403.9E6  | 186.8E6  | 54.908   | 56.130     |
| 14)                         | MA Endrin       | 6.013 | 6.834 | 414.8E6  | 98556535 | 63.417   | 35.780 #   |
| 15)                         | B Endosulfa...  | 6.287 | 7.044 | 328.8E6  | 148.0E6  | 52.604   | 53.588     |
| 16)                         | A 4,4'-DDD      | 6.141 | 6.954 | 284.1E6  | 142.0E6  | 53.664   | 53.935     |
| 17)                         | MA 4,4'-DDT     | 6.379 | 7.253 | 287.0E6  | 143.1E6  | 51.549   | 54.210     |
| 18)                         | B Endrin al...  | 6.455 | 7.169 | 260.3E6  | 126.9E6  | 50.065   | 55.337     |
| 19)                         | B Endosulfa...  | 6.668 | 7.392 | 318.0E6  | 145.9E6  | 50.968   | 52.463     |
| 20)                         | A Methoxychlor  | 6.926 | 7.710 | 162.8E6  | 62859832 | 51.612   | 46.104     |
| 21)                         | B Endrin ke...  | 7.158 | 7.867 | 291.1E6  | 145.7E6  | 42.046   | 52.728 #   |
| 23)                         | Chlordane-1     | 4.361 | 5.175 | 5865199  | 188.7E6  | 21.214   | 1419.768 # |
| 24)                         | Chlordane-2     | 4.844 | 5.557 | 22467185 | 1427050  | 79.948   | 10.234 #   |
| 25)                         | Chlordane-3     | 5.401 | 6.233 | 407.7E6  | 184.7E6  | 465.047  | 393.099    |
| 26)                         | Chlordane-4     | 5.459 | 6.307 | 372.8E6  | 180.1E6  | 491.169  | 329.176 #  |
| 27)                         | Chlordane-5     | 6.287 | 7.169 | 328.8E6  | 126.9E6  | 1103.456 | 1318.837   |
| -----                       |                 |       |       |          |          |          |            |

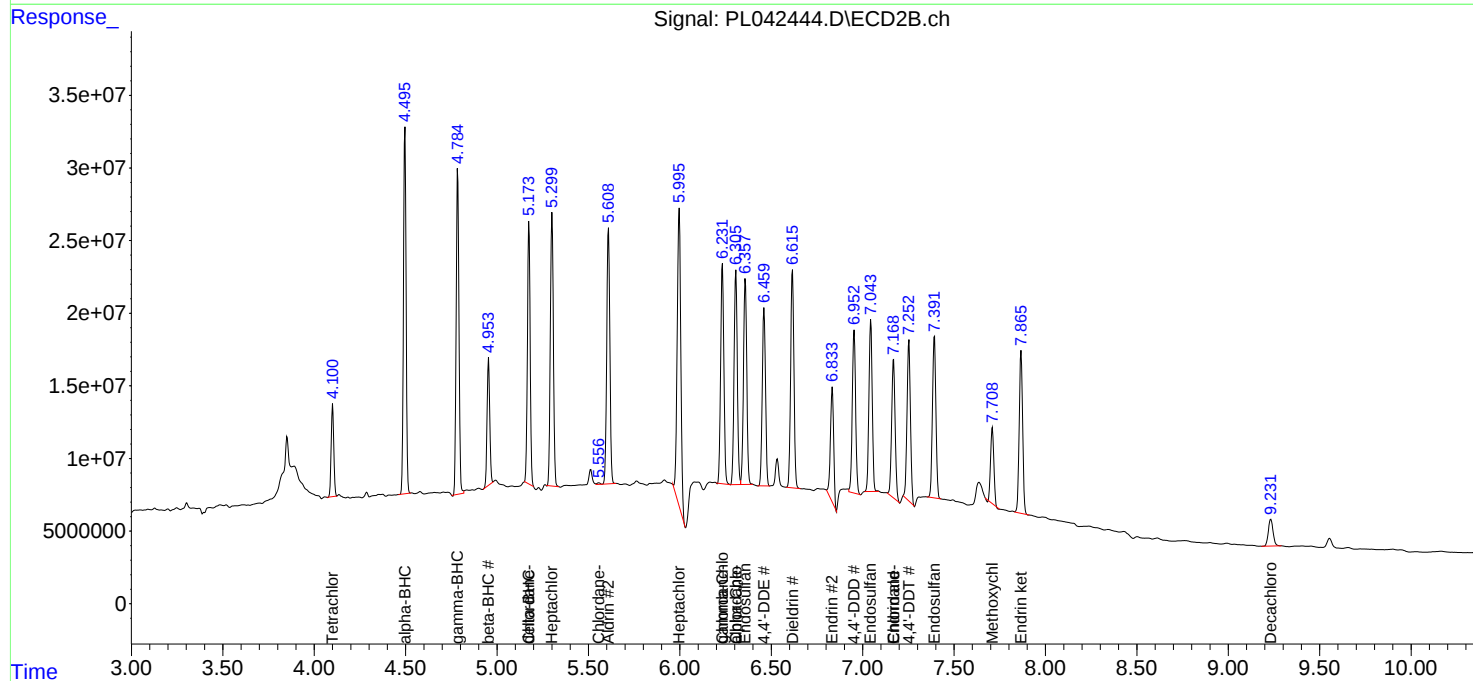
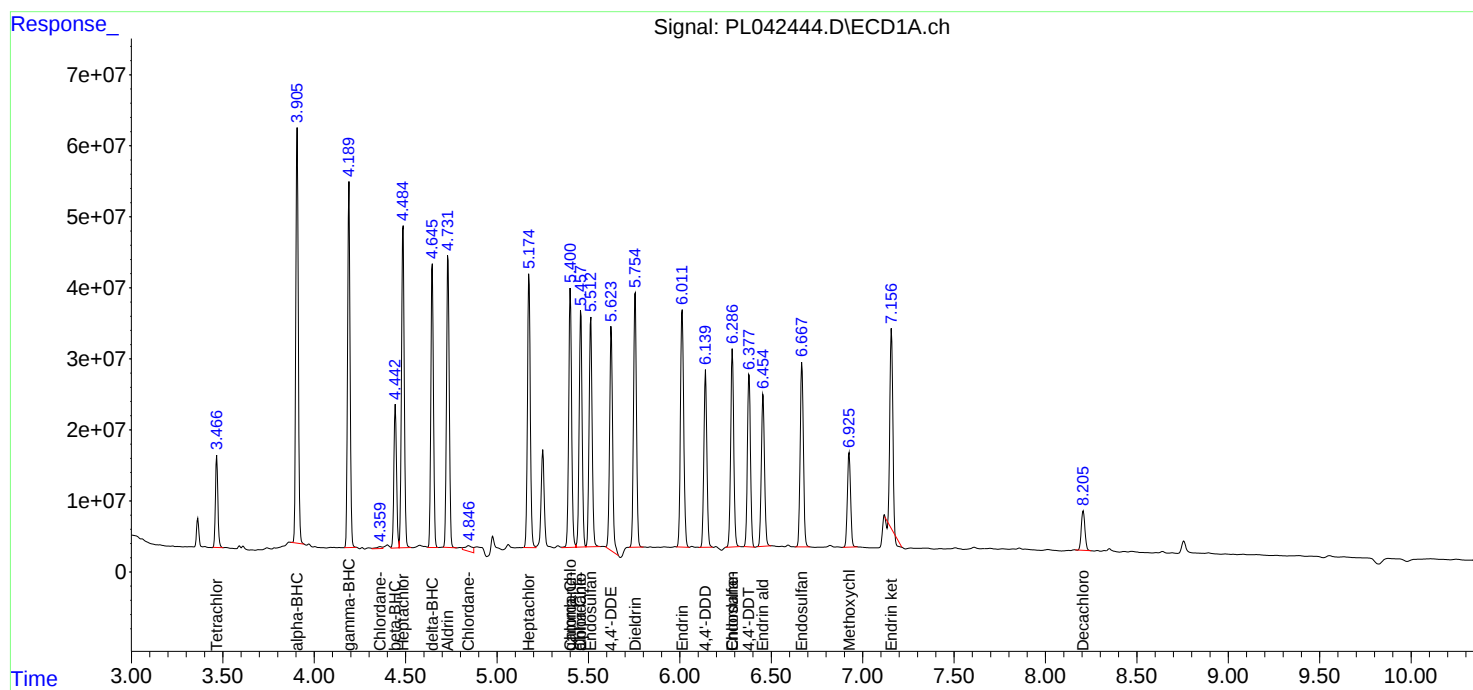
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

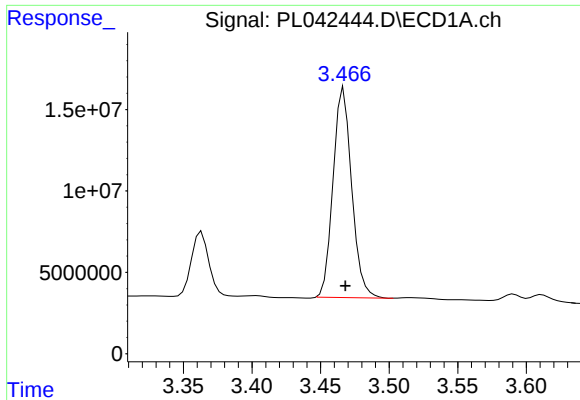
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112618\  
Data File : PL042444.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Nov 2018 11:04  
Operator : AJ\SJ  
Sample : J6014-01MSD  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 27 00:29:20 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

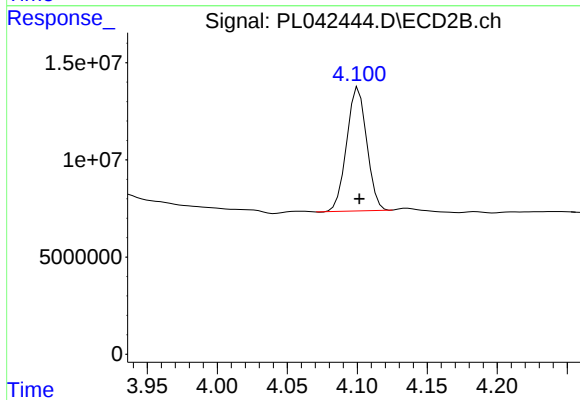




#1 Tetrachloro-m-xylene

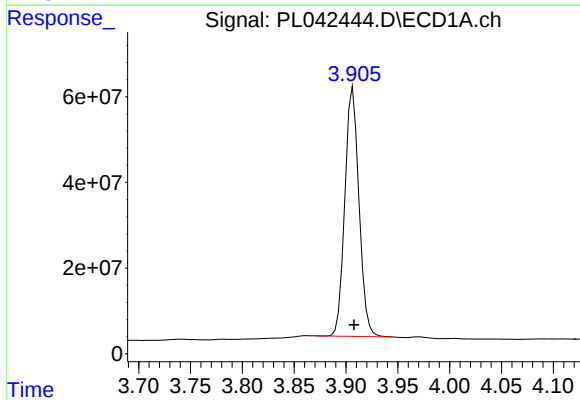
R.T.: 3.467 min  
Delta R.T.: -0.001 min  
Response: 121829501  
Conc: 20.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



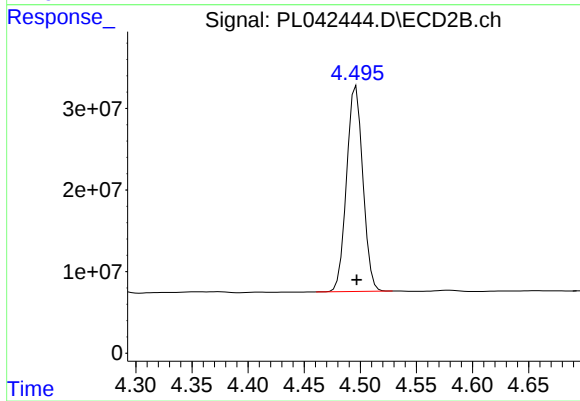
#1 Tetrachloro-m-xylene

R.T.: 4.101 min  
Delta R.T.: 0.000 min  
Response: 63479357  
Conc: 22.07 ng/ml



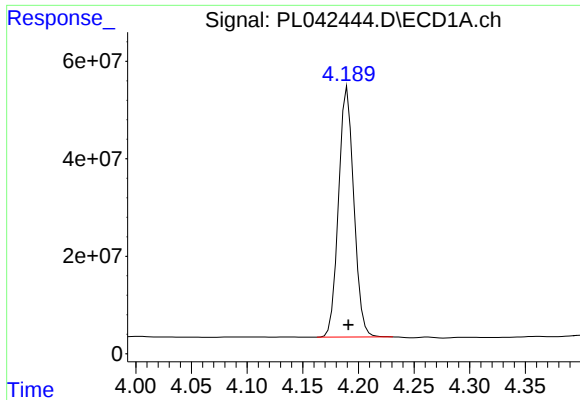
#2 alpha-BHC

R.T.: 3.907 min  
Delta R.T.: -0.001 min  
Response: 552165082  
Conc: 61.19 ng/ml



#2 alpha-BHC

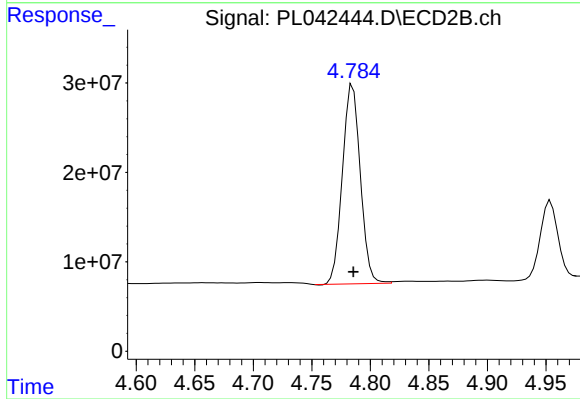
R.T.: 4.496 min  
Delta R.T.: 0.000 min  
Response: 253478864  
Conc: 59.19 ng/ml



#3 gamma-BHC (Lindane)

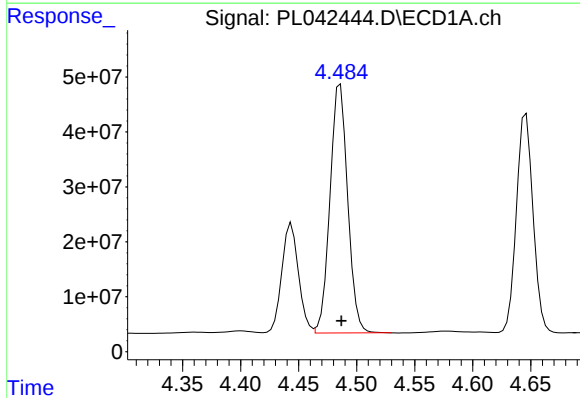
R.T.: 4.190 min  
Delta R.T.: 0.000 min  
Response: 490086214  
Conc: 59.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



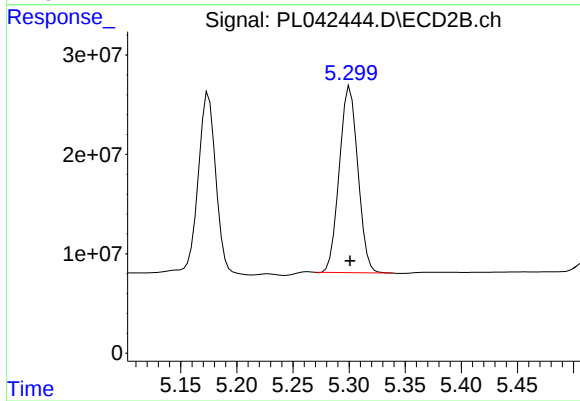
#3 gamma-BHC (Lindane)

R.T.: 4.785 min  
Delta R.T.: 0.000 min  
Response: 237508490  
Conc: 60.10 ng/ml



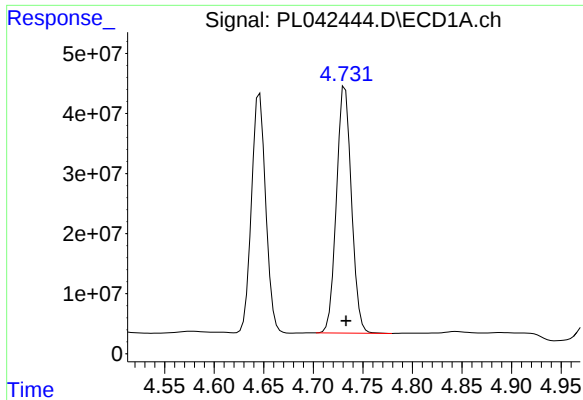
#4 Heptachlor

R.T.: 4.486 min  
Delta R.T.: 0.000 min  
Response: 480840168  
Conc: 55.26 ng/ml



#4 Heptachlor

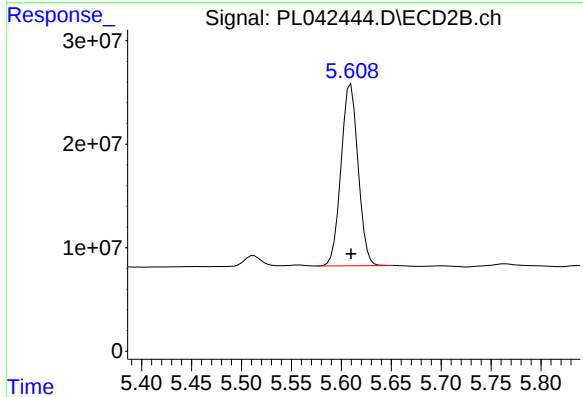
R.T.: 5.301 min  
Delta R.T.: 0.000 min  
Response: 215749221  
Conc: 55.00 ng/ml



#5 Aldrin

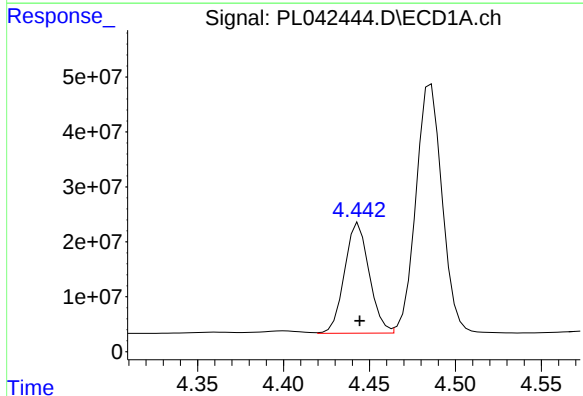
R.T.: 4.732 min  
Delta R.T.: 0.000 min  
Response: 432081625  
Conc: 53.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



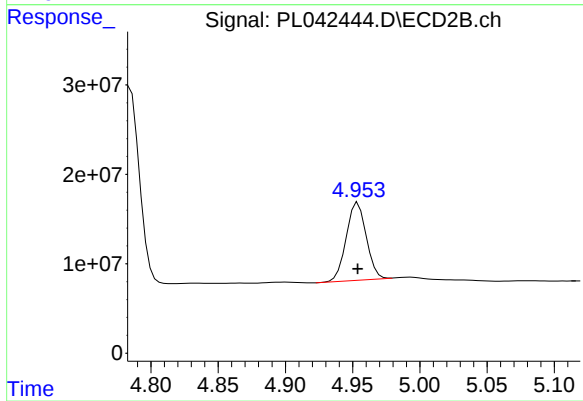
#5 Aldrin

R.T.: 5.610 min  
Delta R.T.: 0.000 min  
Response: 208929166  
Conc: 54.40 ng/ml



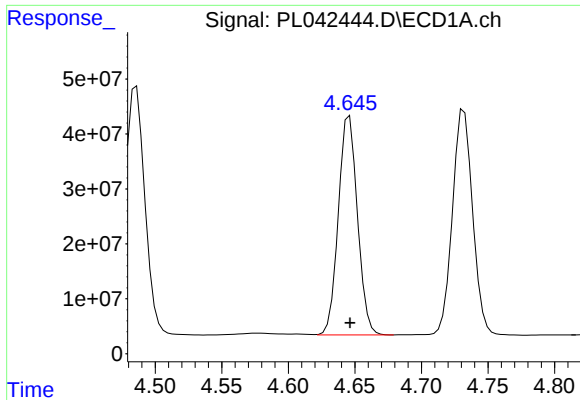
#6 beta-BHC

R.T.: 4.444 min  
Delta R.T.: 0.000 min  
Response: 201094853  
Conc: 56.76 ng/ml



#6 beta-BHC

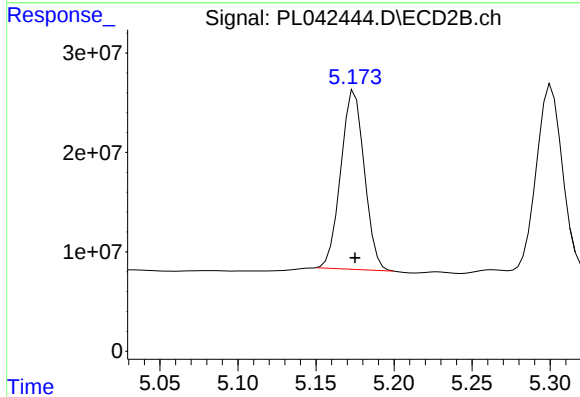
R.T.: 4.954 min  
Delta R.T.: 0.000 min  
Response: 89900715  
Conc: 56.98 ng/ml



#7 delta-BHC

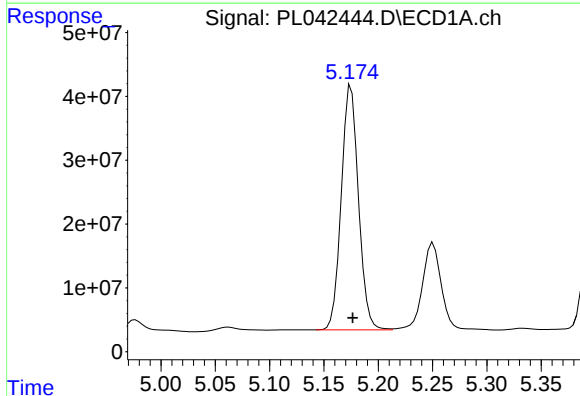
R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 398083747  
Conc: 51.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



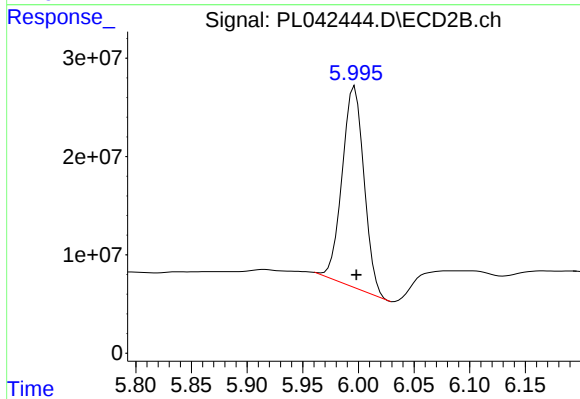
#7 delta-BHC

R.T.: 5.175 min  
Delta R.T.: 0.000 min  
Response: 188733102  
Conc: 51.28 ng/ml



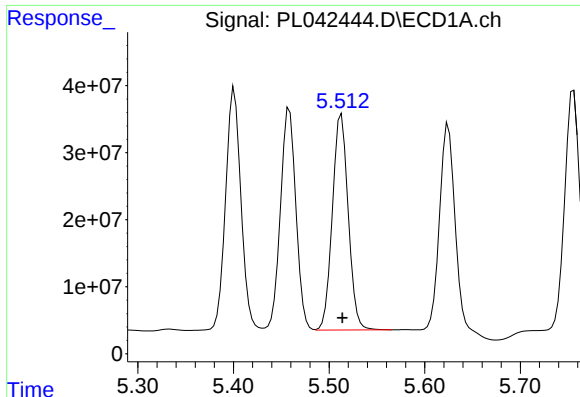
#8 Heptachlor epoxide

R.T.: 5.175 min  
Delta R.T.: -0.002 min  
Response: 422652748  
Conc: 55.76 ng/ml



#8 Heptachlor epoxide

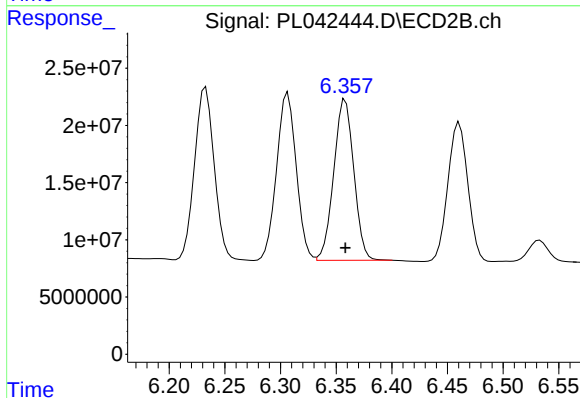
R.T.: 5.997 min  
Delta R.T.: -0.002 min  
Response: 276047173  
Conc: 76.99 ng/ml



#9 Endosulfan I

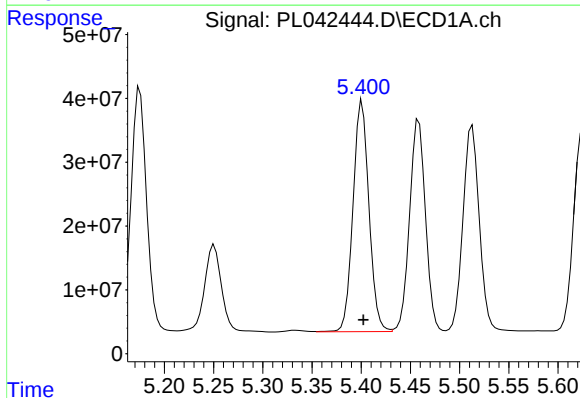
R.T.: 5.513 min  
Delta R.T.: 0.000 min  
Response: 370511455  
Conc: 53.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



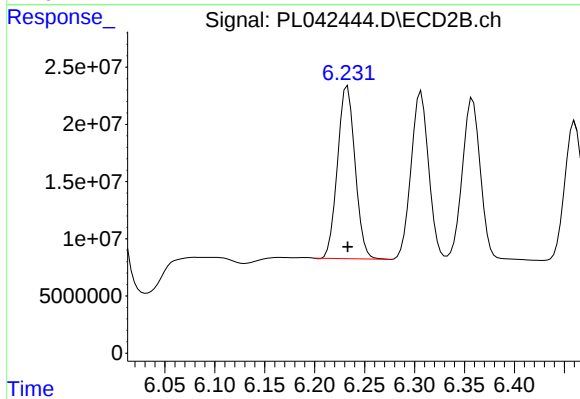
#9 Endosulfan I

R.T.: 6.358 min  
Delta R.T.: 0.000 min  
Response: 176076809  
Conc: 55.76 ng/ml



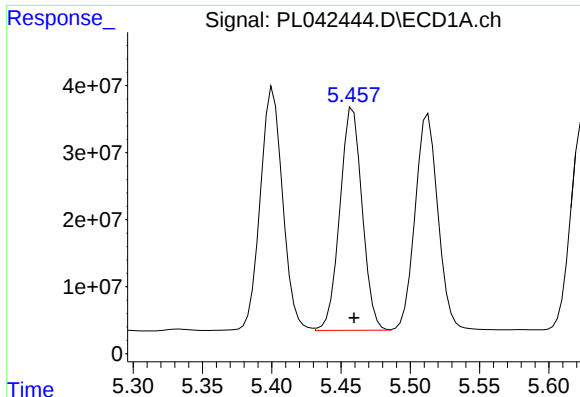
#10 gamma-Chlordane

R.T.: 5.401 min  
Delta R.T.: -0.001 min  
Response: 407655628  
Conc: 53.47 ng/ml



#10 gamma-Chlordane

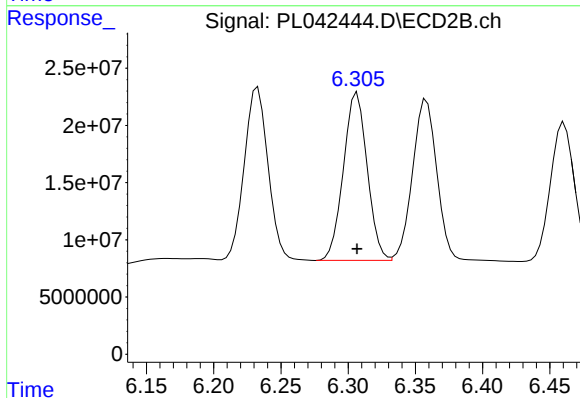
R.T.: 6.233 min  
Delta R.T.: 0.000 min  
Response: 184727255  
Conc: 54.26 ng/ml



#11 alpha-Chlordane

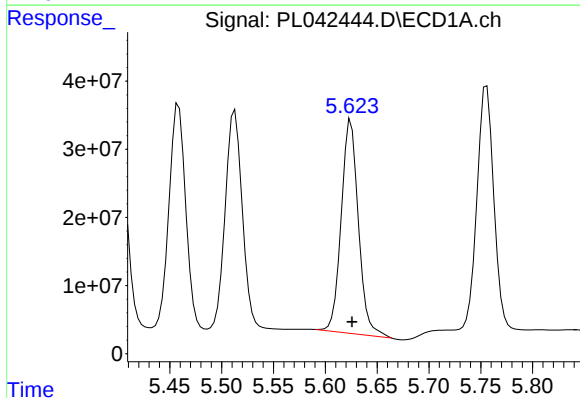
R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 372758327  
Conc: 49.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



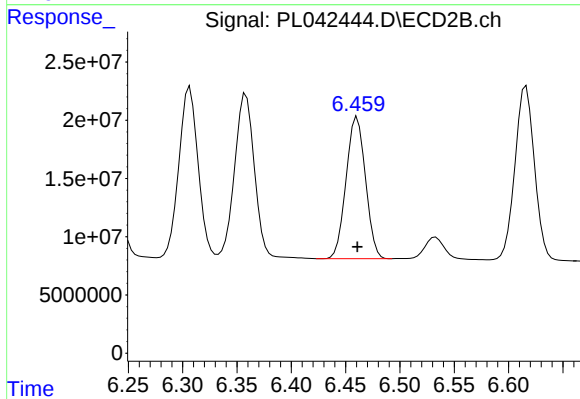
#11 alpha-Chlordane

R.T.: 6.307 min  
Delta R.T.: 0.000 min  
Response: 180110434  
Conc: 53.86 ng/ml



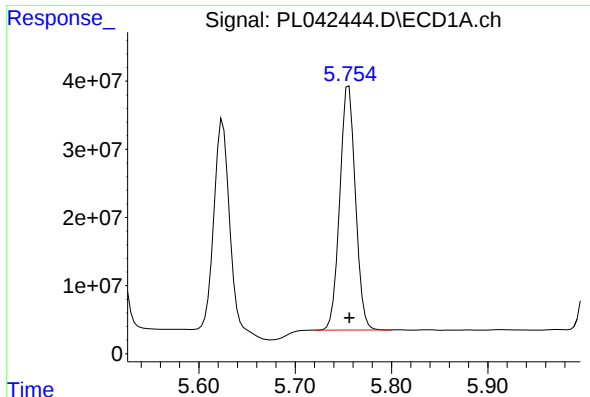
#12 4,4'-DDE

R.T.: 5.625 min  
Delta R.T.: -0.001 min  
Response: 360470768  
Conc: 55.07 ng/ml



#12 4,4'-DDE

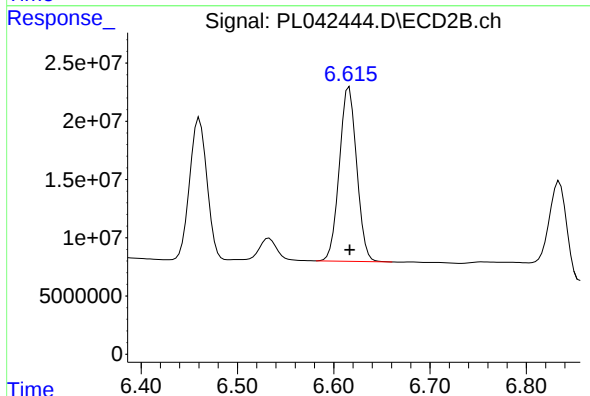
R.T.: 6.461 min  
Delta R.T.: 0.000 min  
Response: 151371355  
Conc: 45.48 ng/ml



#13 Dieldrin

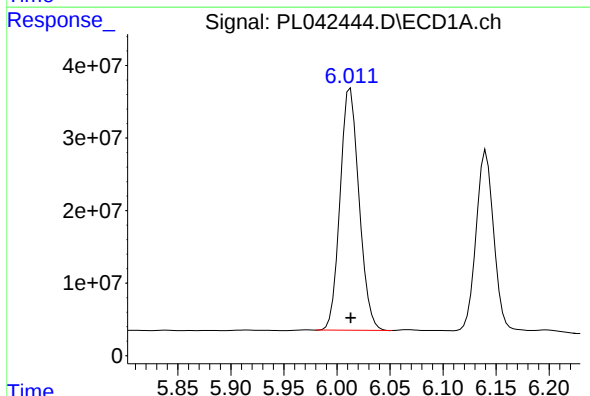
R.T.: 5.756 min  
Delta R.T.: 0.000 min  
Response: 403941483  
Conc: 54.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



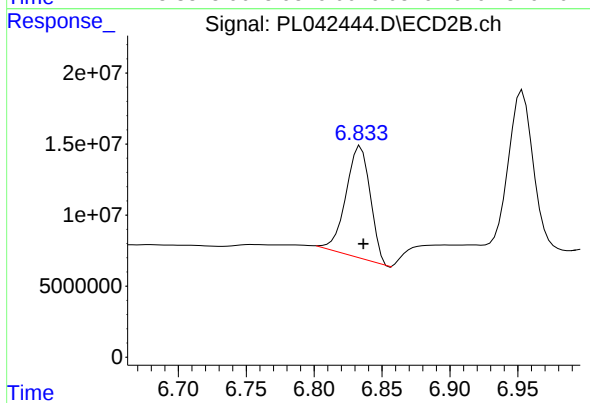
#13 Dieldrin

R.T.: 6.616 min  
Delta R.T.: 0.000 min  
Response: 186831643  
Conc: 56.13 ng/ml



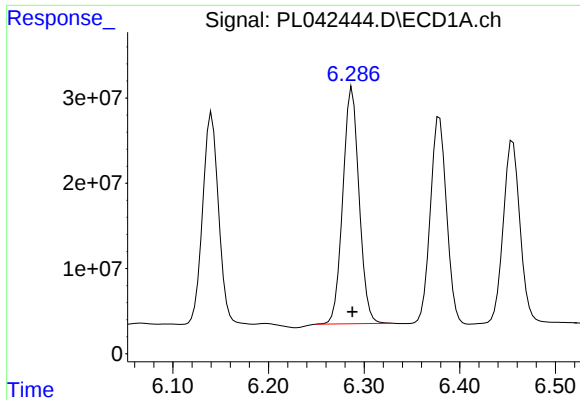
#14 Endrin

R.T.: 6.013 min  
Delta R.T.: 0.000 min  
Response: 414769740  
Conc: 63.42 ng/ml



#14 Endrin

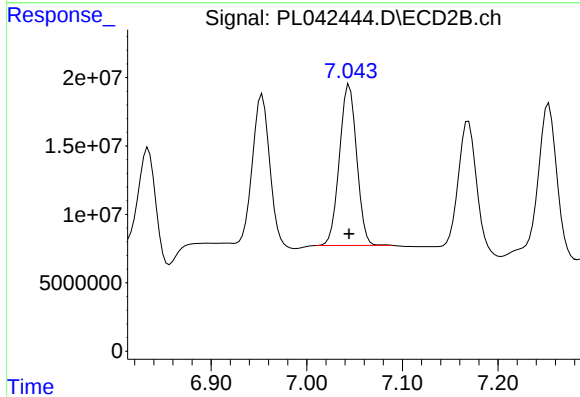
R.T.: 6.834 min  
Delta R.T.: -0.002 min  
Response: 98556535  
Conc: 35.78 ng/ml



#15 Endosulfan II

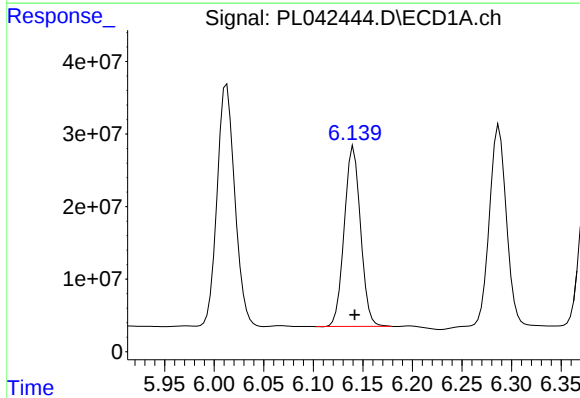
R.T.: 6.287 min  
Delta R.T.: 0.000 min  
Response: 328799303  
Conc: 52.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



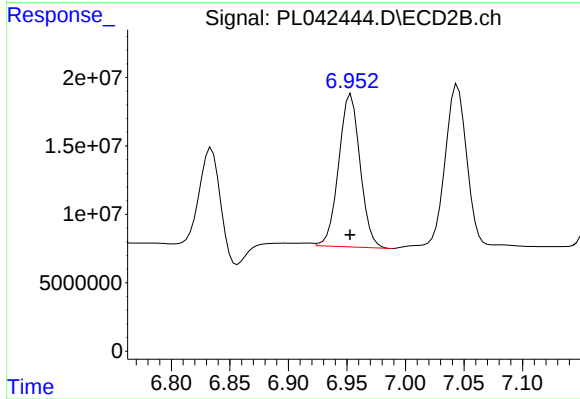
#15 Endosulfan II

R.T.: 7.044 min  
Delta R.T.: 0.000 min  
Response: 147995103  
Conc: 53.59 ng/ml



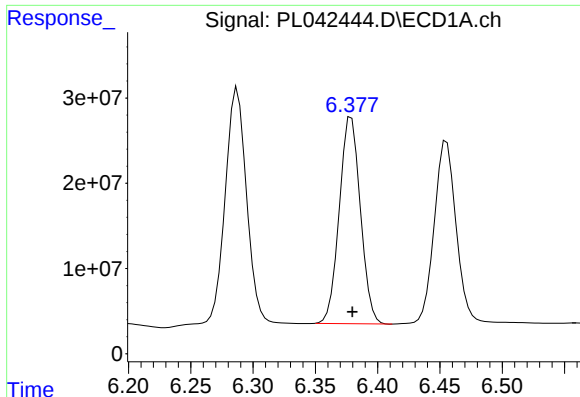
#16 4,4'-DDD

R.T.: 6.141 min  
Delta R.T.: -0.001 min  
Response: 284141628  
Conc: 53.66 ng/ml



#16 4,4'-DDD

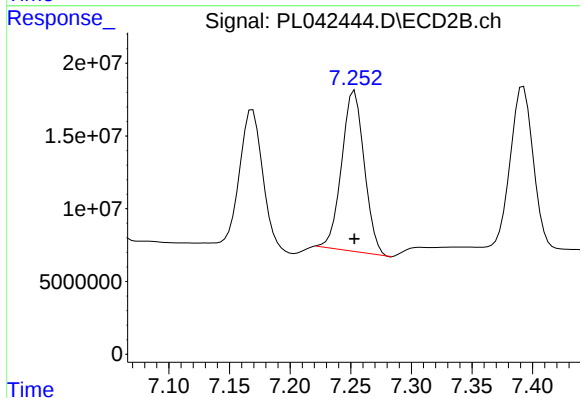
R.T.: 6.954 min  
Delta R.T.: 0.000 min  
Response: 141964564  
Conc: 53.94 ng/ml



#17 4,4'-DDT

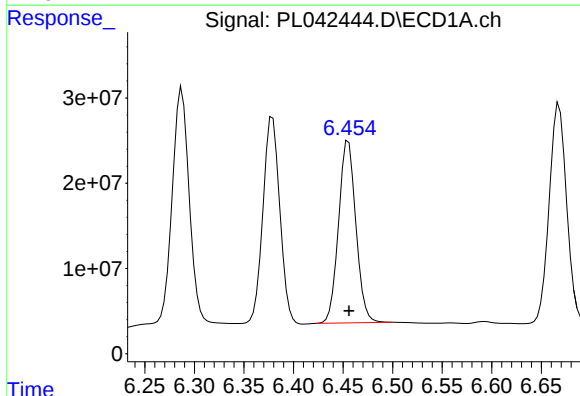
R.T.: 6.379 min  
Delta R.T.: 0.000 min  
Response: 286964665  
Conc: 51.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



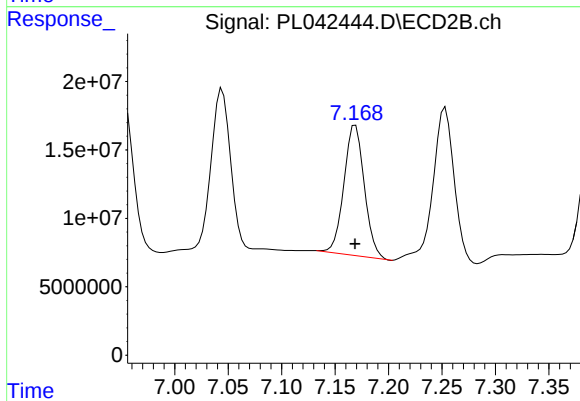
#17 4,4'-DDT

R.T.: 7.253 min  
Delta R.T.: 0.000 min  
Response: 143145288  
Conc: 54.21 ng/ml



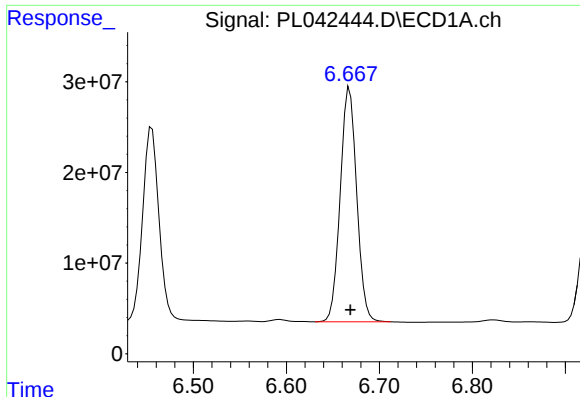
#18 Endrin aldehyde

R.T.: 6.455 min  
Delta R.T.: 0.000 min  
Response: 260272437  
Conc: 50.07 ng/ml



#18 Endrin aldehyde

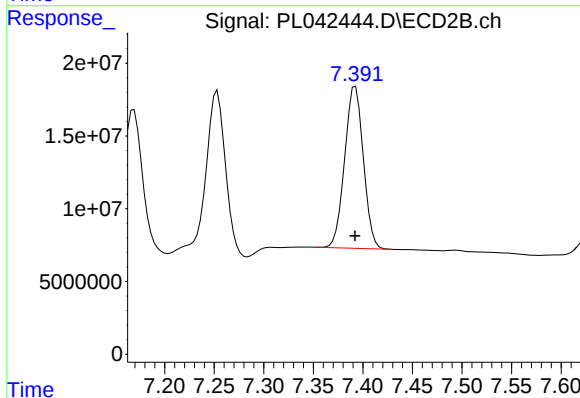
R.T.: 7.169 min  
Delta R.T.: 0.000 min  
Response: 126866082  
Conc: 55.34 ng/ml



#19 Endosulfan Sulfate

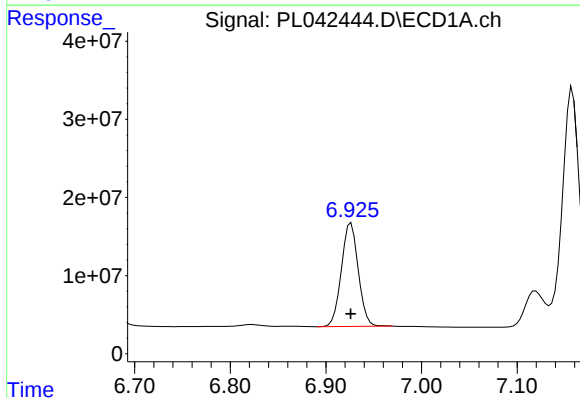
R.T.: 6.668 min  
Delta R.T.: 0.000 min  
Response: 318007917  
Conc: 50.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



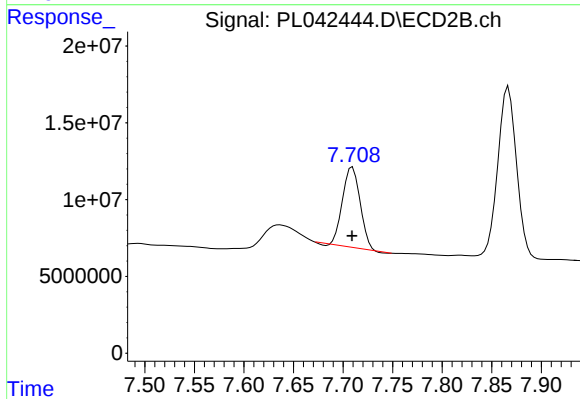
#19 Endosulfan Sulfate

R.T.: 7.392 min  
Delta R.T.: 0.000 min  
Response: 145902421  
Conc: 52.46 ng/ml



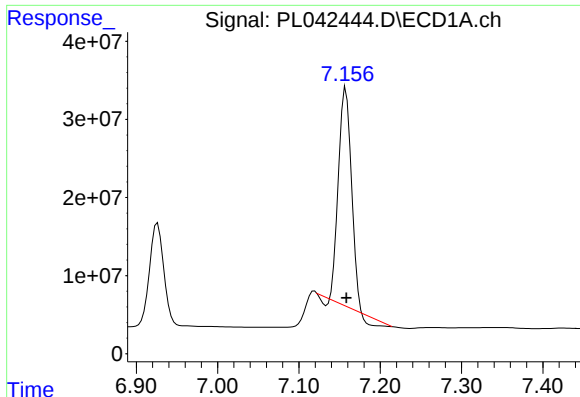
#20 Methoxychlor

R.T.: 6.926 min  
Delta R.T.: 0.000 min  
Response: 162775774  
Conc: 51.61 ng/ml



#20 Methoxychlor

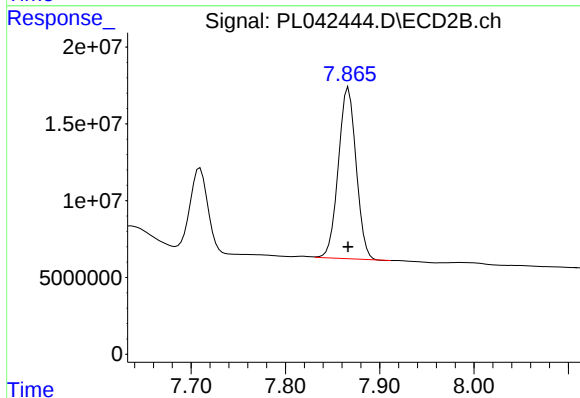
R.T.: 7.710 min  
Delta R.T.: 0.000 min  
Response: 62859832  
Conc: 46.10 ng/ml



#21 Endrin ketone

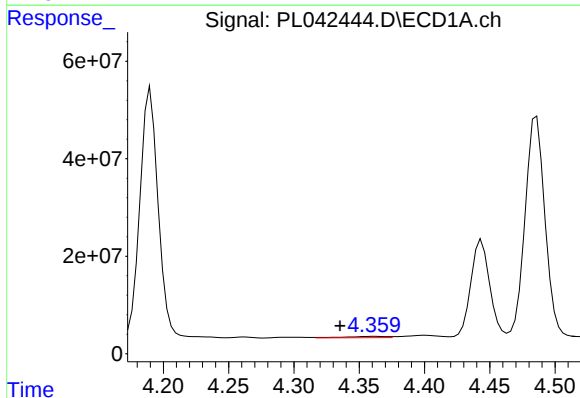
R.T.: 7.158 min  
Delta R.T.: 0.000 min  
Response: 291140739  
Conc: 42.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



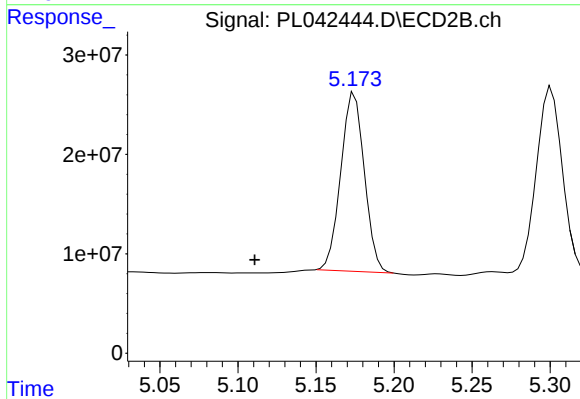
#21 Endrin ketone

R.T.: 7.867 min  
Delta R.T.: 0.000 min  
Response: 145737796  
Conc: 52.73 ng/ml



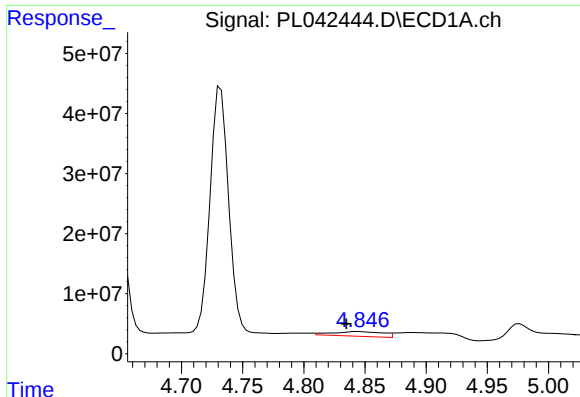
#23 Chlordane-1

R.T.: 4.361 min  
Delta R.T.: 0.025 min  
Response: 5865199  
Conc: 21.21 ng/ml



#23 Chlordane-1

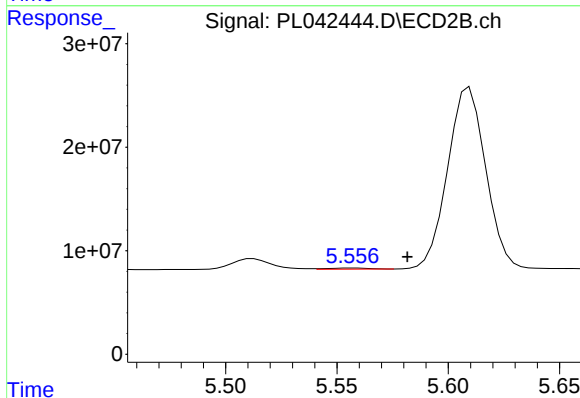
R.T.: 5.175 min  
Delta R.T.: 0.064 min  
Response: 188733102  
Conc: 1419.77 ng/ml



#24 Chlordane-2

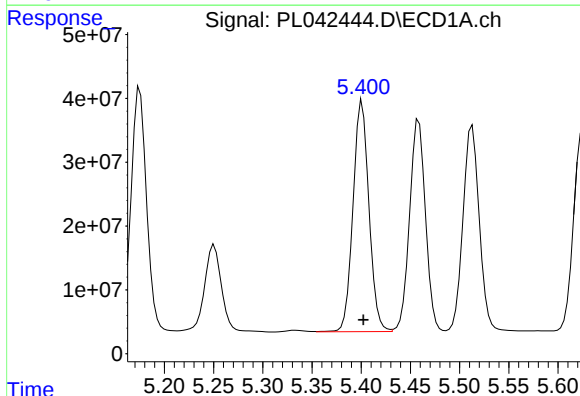
R.T.: 4.844 min  
Delta R.T.: 0.009 min  
Response: 22467185  
Conc: 79.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



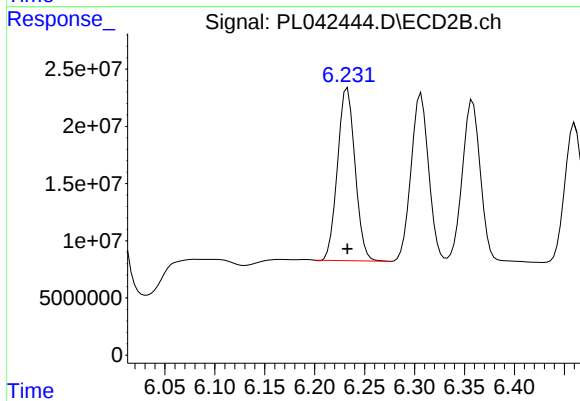
#24 Chlordane-2

R.T.: 5.557 min  
Delta R.T.: -0.024 min  
Response: 1427050  
Conc: 10.23 ng/ml



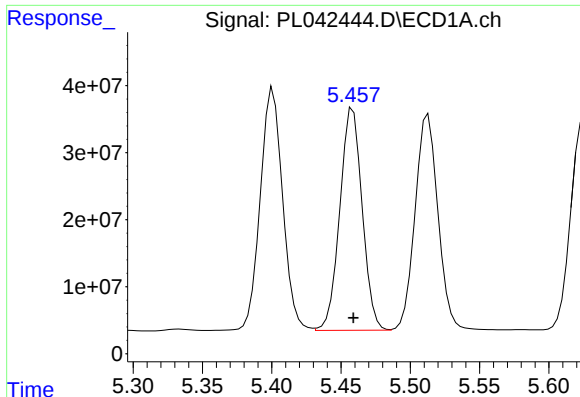
#25 Chlordane-3

R.T.: 5.401 min  
Delta R.T.: -0.001 min  
Response: 407655628  
Conc: 465.05 ng/ml



#25 Chlordane-3

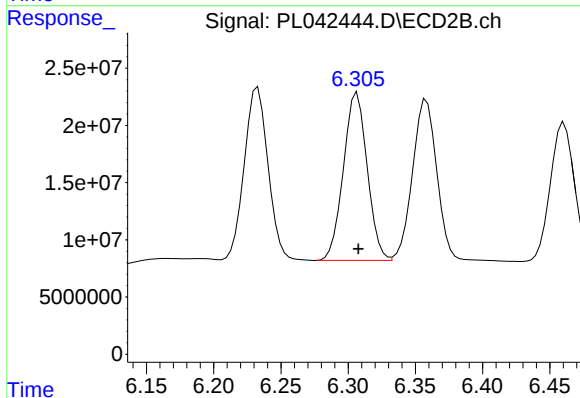
R.T.: 6.233 min  
Delta R.T.: 0.000 min  
Response: 184727255  
Conc: 393.10 ng/ml



#26 Chlordane-4

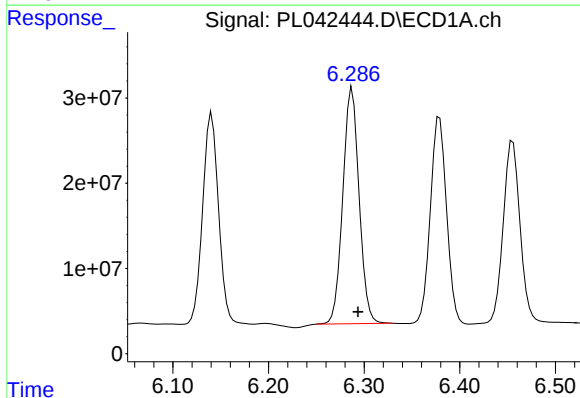
R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 372758327  
Conc: 491.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



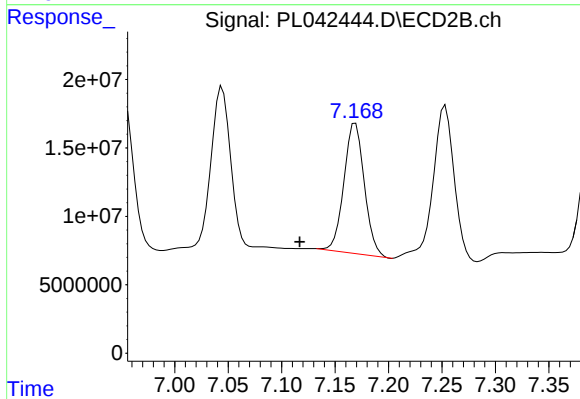
#26 Chlordane-4

R.T.: 6.307 min  
Delta R.T.: -0.001 min  
Response: 180110434  
Conc: 329.18 ng/ml



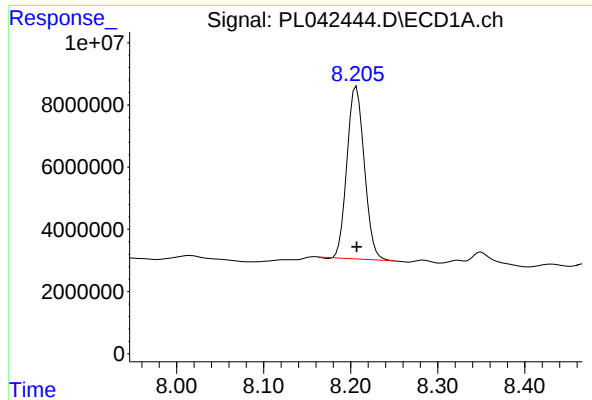
#27 Chlordane-5

R.T.: 6.287 min  
Delta R.T.: -0.006 min  
Response: 328799303  
Conc: 1103.46 ng/ml



#27 Chlordane-5

R.T.: 7.169 min  
Delta R.T.: 0.052 min  
Response: 126866082  
Conc: 1318.84 ng/ml



#28 Decachlorobiphenyl

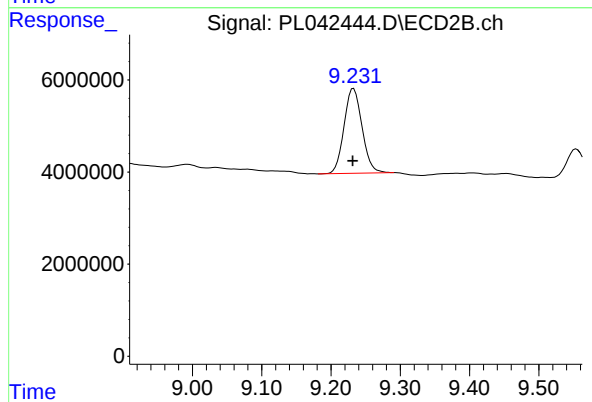
R.T.: 8.206 min

Delta R.T.: 0.000 min

Response: 76625957

Conc: 12.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.233 min

Delta R.T.: 0.001 min

Response: 33276887

Conc: 13.80 ng/ml