

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070618\  
 Data File : PL037747.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Jul 2018 14:46  
 Operator : AJ\MA  
 Sample : PB110890BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 06 23:32:44 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 21 02:27:11 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... | 3.335 | 3.935 | 141.2E6  | 53782651 | 17.845   | 19.439     |
| 28)                         | SA Decachlor... | 8.012 | 8.946 | 131.0E6  | 45031441 | 21.712   | 22.698     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.764 | 4.314 | 587.1E6  | 208.8E6  | 47.950   | 53.806     |
| 3)                          | MA gamma-BHC... | 4.042 | 4.594 | 516.8E6  | 184.2E6  | 50.106   | 53.346     |
| 4)                          | MA Heptachlor   | 4.326 | 5.106 | 503.9E6  | 179.2E6  | 49.184   | 51.836     |
| 5)                          | MB Aldrin       | 4.566 | 5.408 | 503.0E6  | 164.4E6  | 49.413   | 52.413     |
| 6)                          | B beta-BHC      | 4.296 | 4.756 | 226.6E6  | 81849547 | 49.690   | 50.753     |
| 7)                          | B delta-BHC     | 4.490 | 4.971 | 516.9E6  | 172.9E6  | 48.860   | 61.319 #   |
| 8)                          | B Heptachlo...  | 5.005 | 5.788 | 470.5E6  | 149.3E6  | 50.228   | 52.364     |
| 9)                          | A Endosulfan I  | 5.336 | 6.140 | 422.8E6  | 130.3E6  | 49.971   | 50.800     |
| 10)                         | B gamma-Chl...  | 5.227 | 6.020 | 469.7E6  | 148.4E6  | 50.146   | 52.691     |
| 11)                         | B alpha-Chl...  | 5.284 | 6.094 | 452.1E6  | 145.8E6  | 49.786   | 50.642     |
| 12)                         | B 4,4'-DDE      | 5.452 | 6.250 | 444.9E6  | 131.7E6  | 50.373   | 51.745     |
| 13)                         | MA Dieldrin     | 5.575 | 6.394 | 444.3E6  | 137.2E6  | 50.187   | 51.409     |
| 14)                         | MA Endrin       | 5.829 | 6.609 | 370.9E6  | 108.9E6  | 47.085   | 47.354     |
| 15)                         | B Endosulfa...  | 6.104 | 6.812 | 376.2E6  | 119.7E6  | 51.154   | 48.253     |
| 16)                         | A 4,4'-DDD      | 5.965 | 6.731 | 349.0E6  | 105.7E6  | 53.138   | 51.480     |
| 17)                         | MA 4,4'-DDT     | 6.200 | 7.030 | 313.2E6  | 100.4E6  | 48.516   | 47.405     |
| 18)                         | B Endrin al...  | 6.273 | 6.934 | 297.1E6  | 101.7E6  | 53.197   | 50.557     |
| 19)                         | B Endosulfa...  | 6.483 | 7.156 | 337.2E6  | 110.4E6  | 50.404   | 50.732     |
| 20)                         | A Methoxychlor  | 6.748 | 7.485 | 155.6E6  | 56169158 | 45.771   | 50.180     |
| 21)                         | B Endrin ke...  | 6.967 | 7.621 | 366.8E6  | 117.4E6  | 51.575   | 57.862     |
| 23)                         | Chlordane-1     | 4.123 | 4.971 | 10184946 | 172.9E6  | 33.170   | 1439.200 # |
| 24)                         | Chlordane-2     | 0.000 | 5.408 | 0        | 164.4E6  | N.D.     | 1299.340 # |
| 25)                         | Chlordane-3     | 5.227 | 6.020 | 469.7E6  | 148.4E6  | 441.881  | 379.453    |
| 26)                         | Chlordane-4     | 5.284 | 6.094 | 452.1E6  | 145.8E6  | 469.249  | 304.181 #  |
| 27)                         | Chlordane-5     | 5.829 | 6.934 | 370.9E6  | 101.7E6  | 2834.283 | 1130.584 # |
| -----                       |                 |       |       |          |          |          |            |

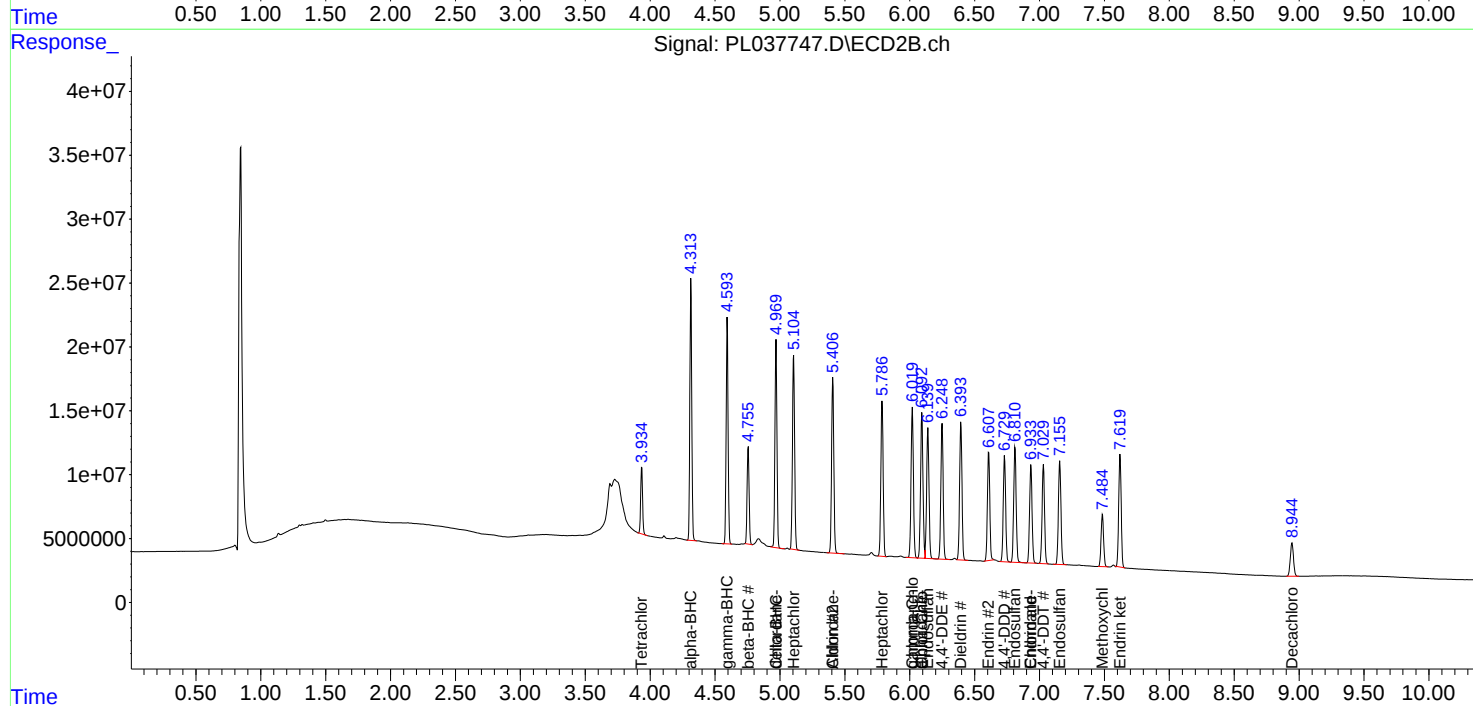
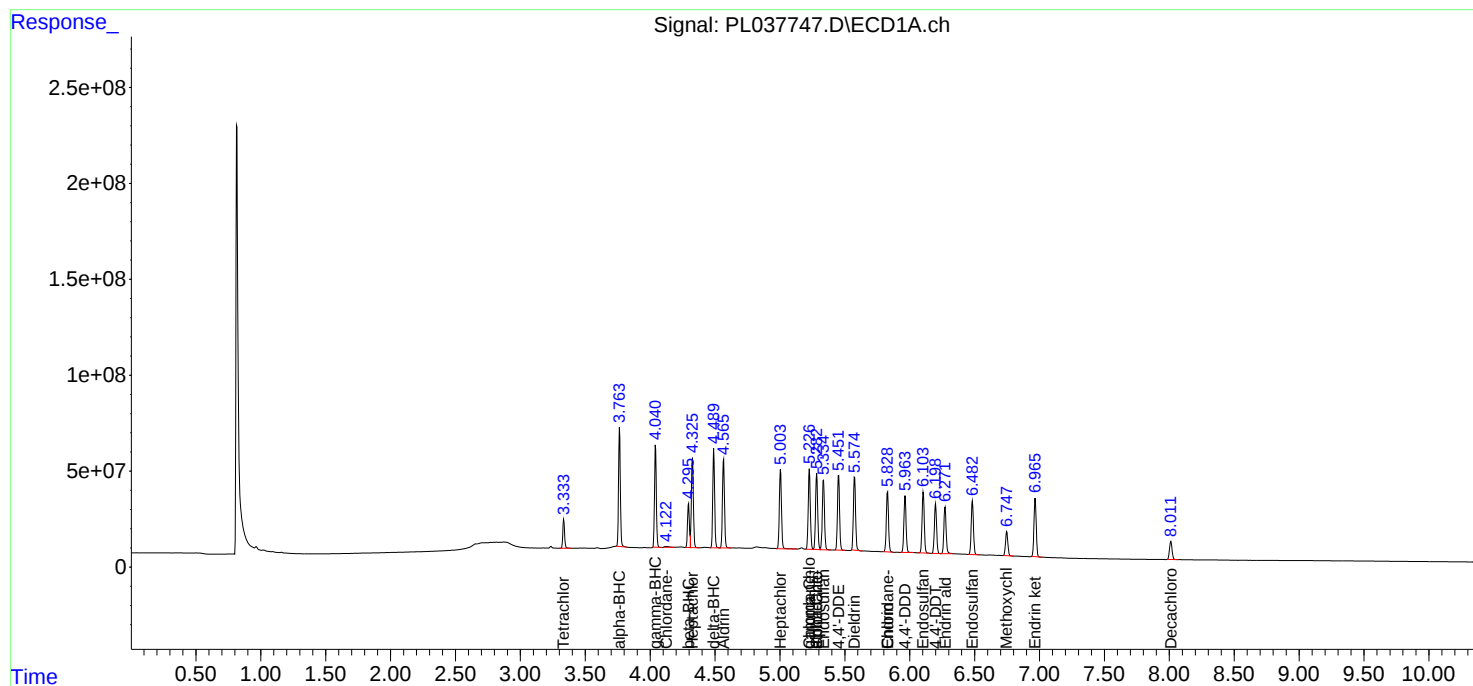
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

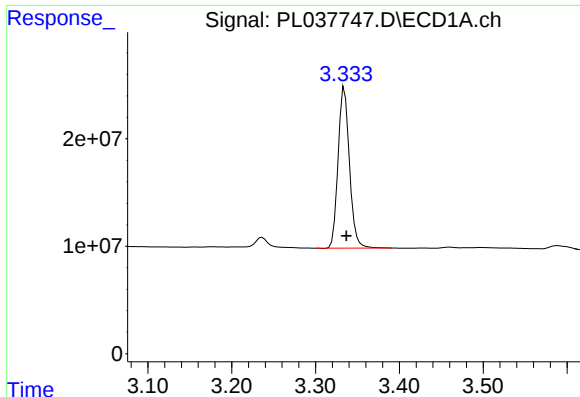
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070618\  
Data File : PL037747.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Jul 2018 14:46  
Operator : AJ\MA  
Sample : PB110890BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 06 23:32:44 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 21 02:27:11 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

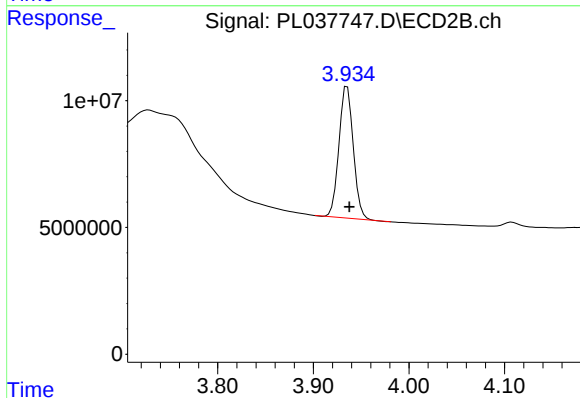




#1 Tetrachloro-m-xylene

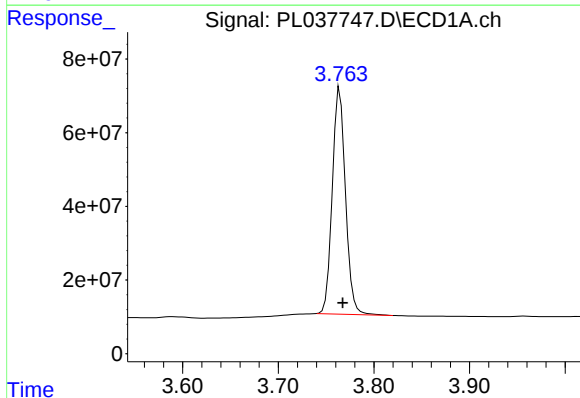
R.T.: 3.335 min  
Delta R.T.: -0.002 min  
Response: 141159300  
Conc: 17.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



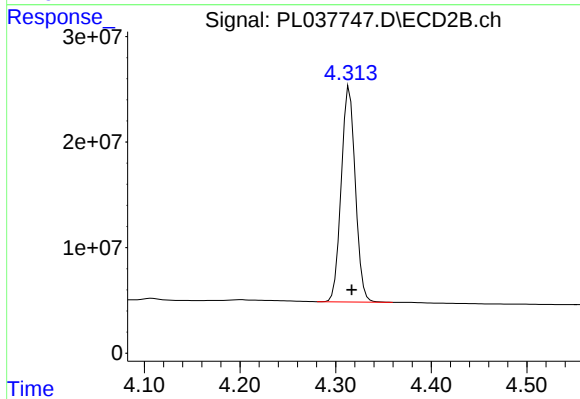
#1 Tetrachloro-m-xylene

R.T.: 3.935 min  
Delta R.T.: -0.002 min  
Response: 53782651  
Conc: 19.44 ng/ml



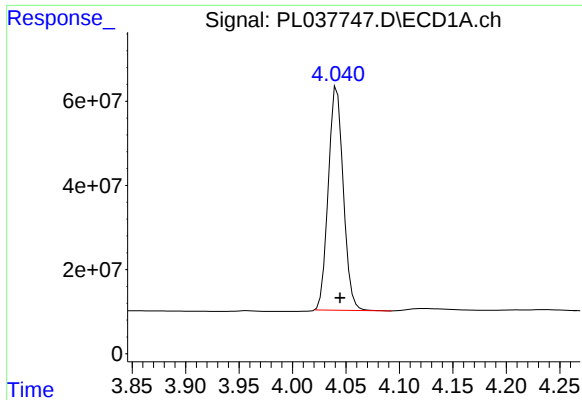
#2 alpha-BHC

R.T.: 3.764 min  
Delta R.T.: -0.003 min  
Response: 587050745  
Conc: 47.95 ng/ml



#2 alpha-BHC

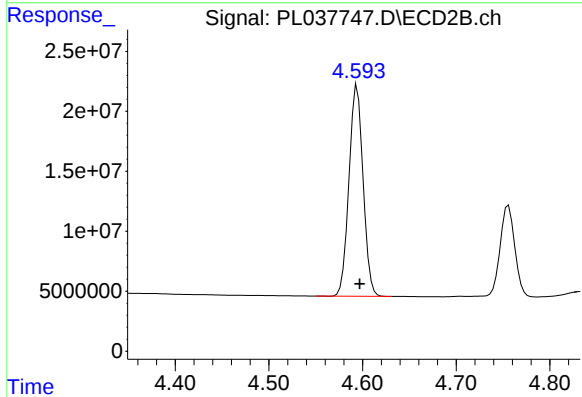
R.T.: 4.314 min  
Delta R.T.: -0.002 min  
Response: 208781150  
Conc: 53.81 ng/ml



#3 gamma-BHC (Lindane)

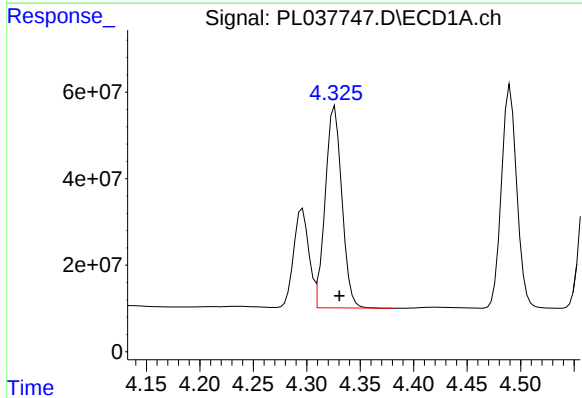
R.T.: 4.042 min  
Delta R.T.: -0.003 min  
Response: 516831404  
Conc: 50.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



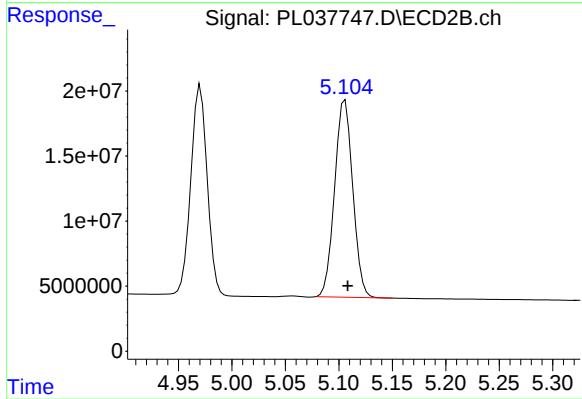
#3 gamma-BHC (Lindane)

R.T.: 4.594 min  
Delta R.T.: -0.002 min  
Response: 184242994  
Conc: 53.35 ng/ml



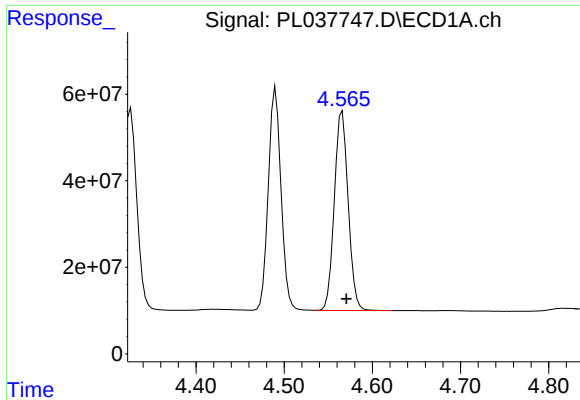
#4 Heptachlor

R.T.: 4.326 min  
Delta R.T.: -0.004 min  
Response: 503905893  
Conc: 49.18 ng/ml



#4 Heptachlor

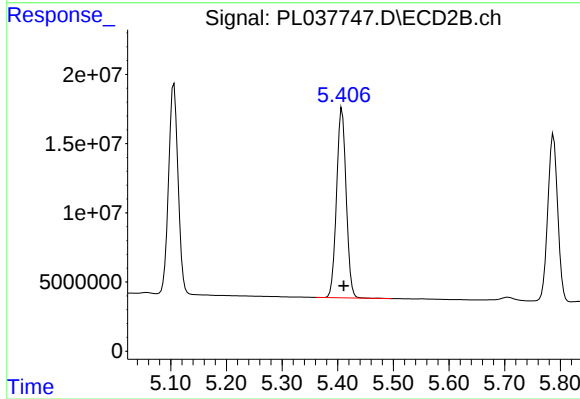
R.T.: 5.106 min  
Delta R.T.: -0.002 min  
Response: 179165061  
Conc: 51.84 ng/ml



#5 Aldrin

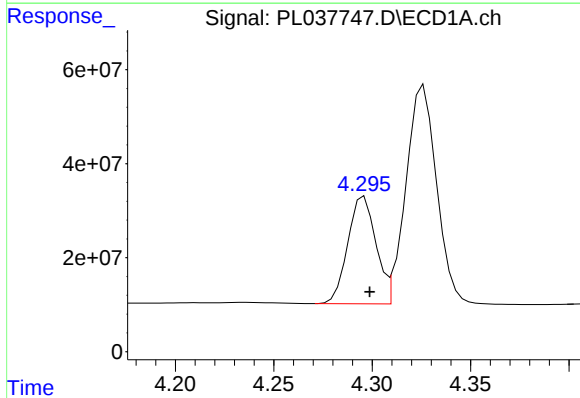
R.T.: 4.566 min  
Delta R.T.: -0.005 min  
Response: 502951603  
Conc: 49.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



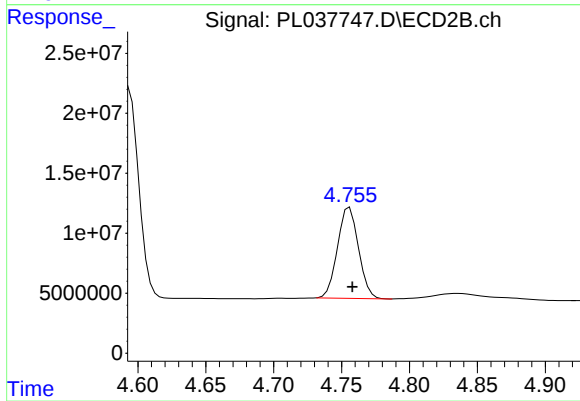
#5 Aldrin

R.T.: 5.408 min  
Delta R.T.: -0.003 min  
Response: 164432473  
Conc: 52.41 ng/ml



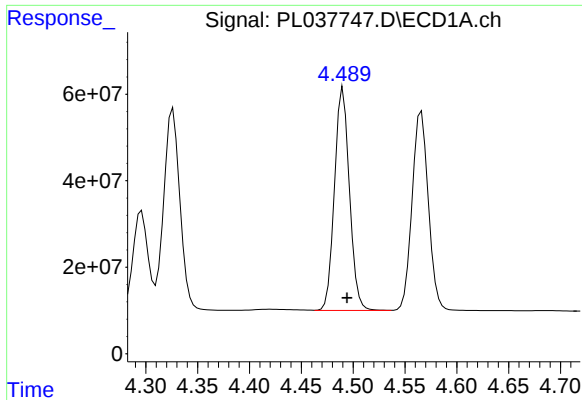
#6 beta-BHC

R.T.: 4.296 min  
Delta R.T.: -0.003 min  
Response: 226633034  
Conc: 49.69 ng/ml



#6 beta-BHC

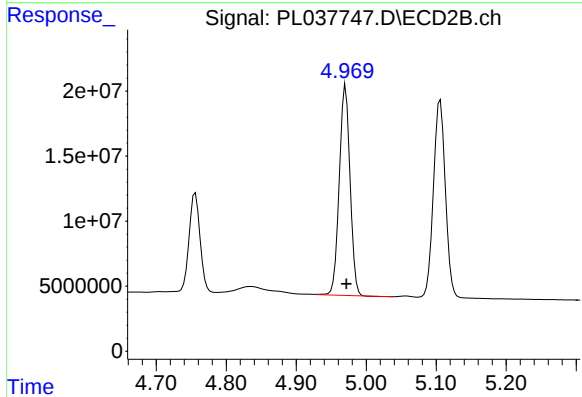
R.T.: 4.756 min  
Delta R.T.: -0.002 min  
Response: 81849547  
Conc: 50.75 ng/ml



#7 delta-BHC

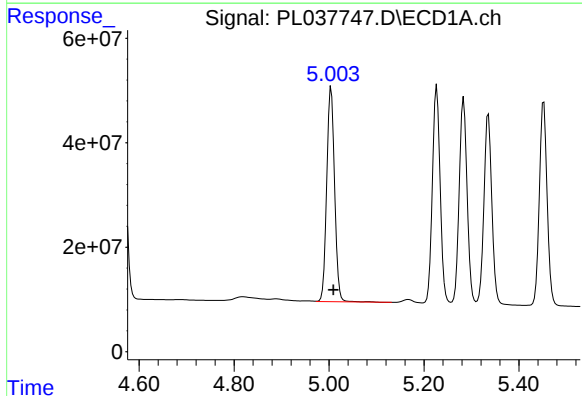
R.T.: 4.490 min  
Delta R.T.: -0.004 min  
Response: 516893634  
Conc: 48.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



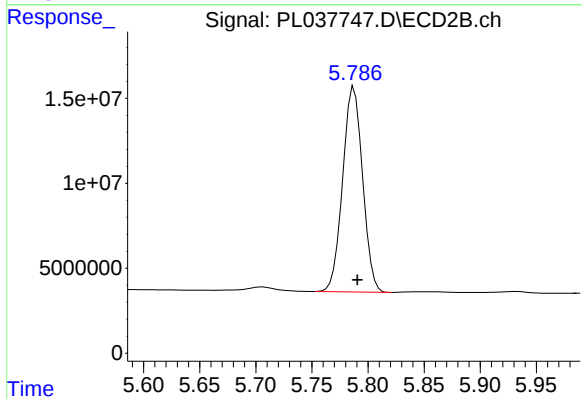
#7 delta-BHC

R.T.: 4.971 min  
Delta R.T.: -0.001 min  
Response: 172935592  
Conc: 61.32 ng/ml



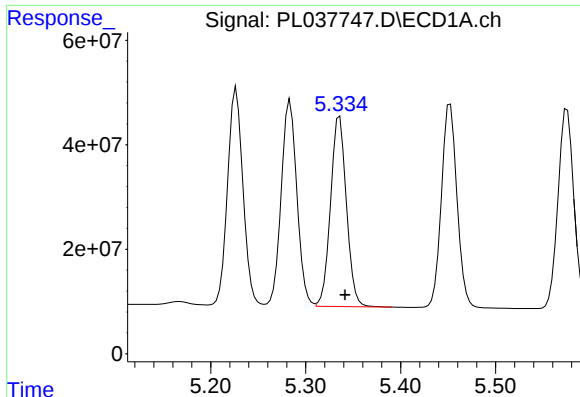
#8 Heptachlor epoxide

R.T.: 5.005 min  
Delta R.T.: -0.005 min  
Response: 470484259  
Conc: 50.23 ng/ml



#8 Heptachlor epoxide

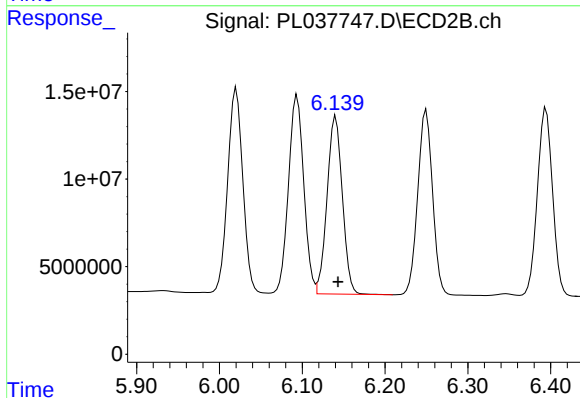
R.T.: 5.788 min  
Delta R.T.: -0.003 min  
Response: 149272582  
Conc: 52.36 ng/ml



#9 Endosulfan I

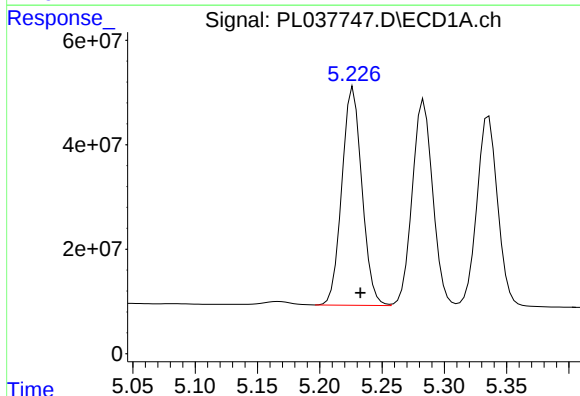
R.T.: 5.336 min  
Delta R.T.: -0.006 min  
Response: 422797588  
Conc: 49.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



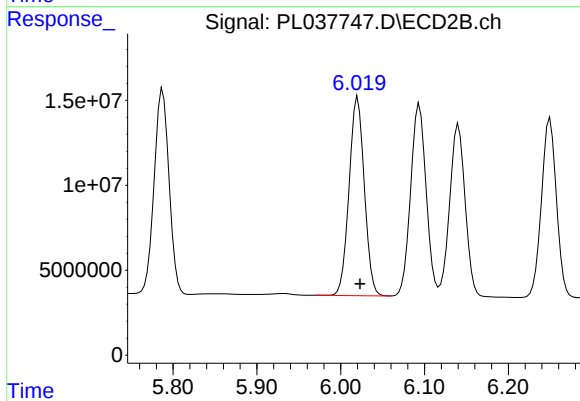
#9 Endosulfan I

R.T.: 6.140 min  
Delta R.T.: -0.003 min  
Response: 130291880  
Conc: 50.80 ng/ml



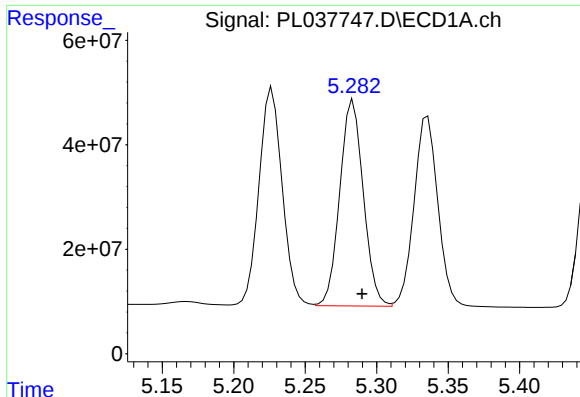
#10 gamma-Chlordane

R.T.: 5.227 min  
Delta R.T.: -0.006 min  
Response: 469684218  
Conc: 50.15 ng/ml



#10 gamma-Chlordane

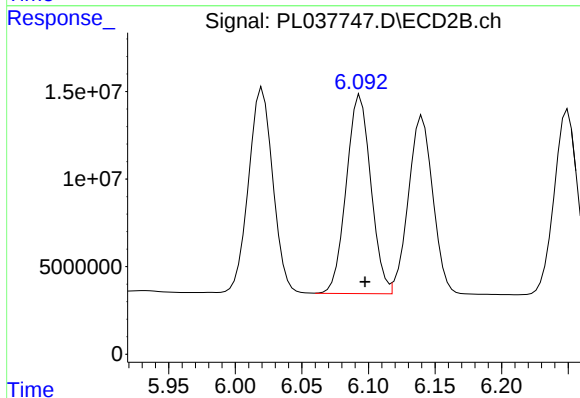
R.T.: 6.020 min  
Delta R.T.: -0.003 min  
Response: 148398433  
Conc: 52.69 ng/ml



#11 alpha-Chlordane

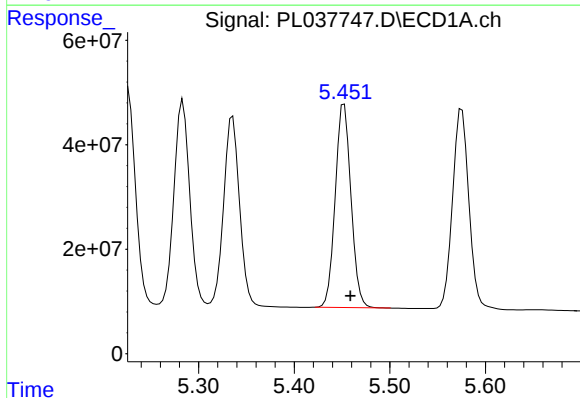
R.T.: 5.284 min  
Delta R.T.: -0.006 min  
Response: 452124893  
Conc: 49.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



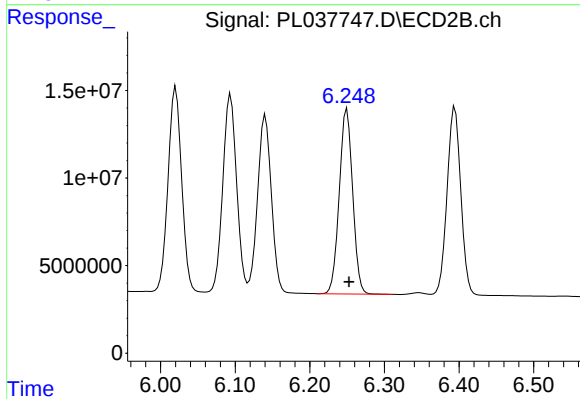
#11 alpha-Chlordane

R.T.: 6.094 min  
Delta R.T.: -0.003 min  
Response: 145761296  
Conc: 50.64 ng/ml



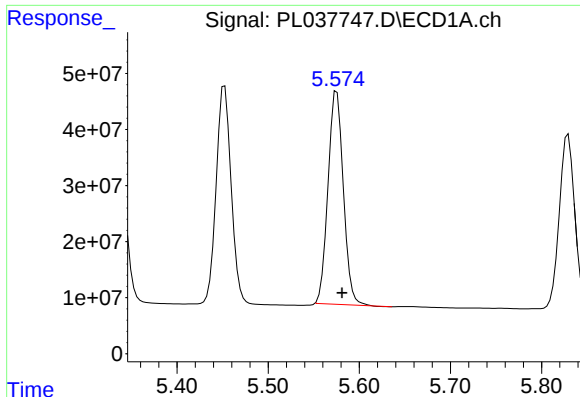
#12 4,4'-DDE

R.T.: 5.452 min  
Delta R.T.: -0.007 min  
Response: 444918306  
Conc: 50.37 ng/ml



#12 4,4'-DDE

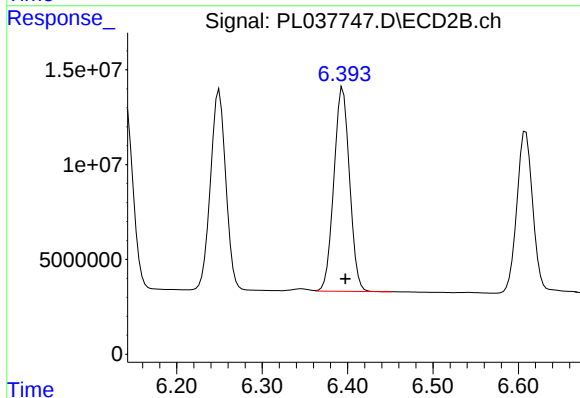
R.T.: 6.250 min  
Delta R.T.: -0.003 min  
Response: 131675003  
Conc: 51.75 ng/ml



#13 Dieldrin

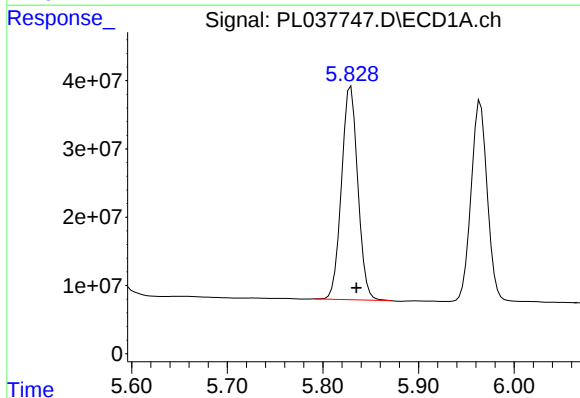
R.T.: 5.575 min  
Delta R.T.: -0.006 min  
Response: 444315821  
Conc: 50.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



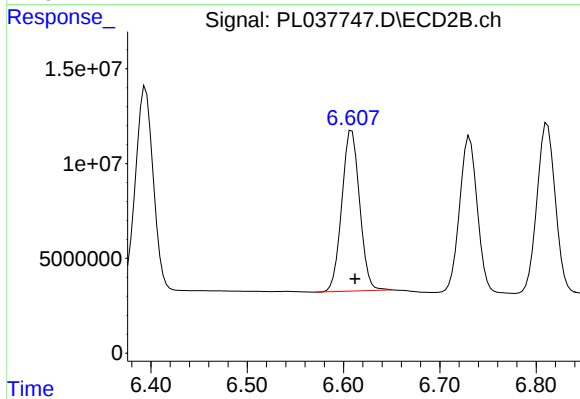
#13 Dieldrin

R.T.: 6.394 min  
Delta R.T.: -0.003 min  
Response: 137222537  
Conc: 51.41 ng/ml



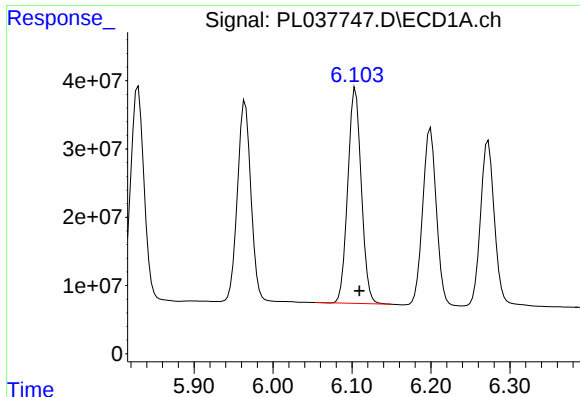
#14 Endrin

R.T.: 5.829 min  
Delta R.T.: -0.006 min  
Response: 370917594  
Conc: 47.09 ng/ml



#14 Endrin

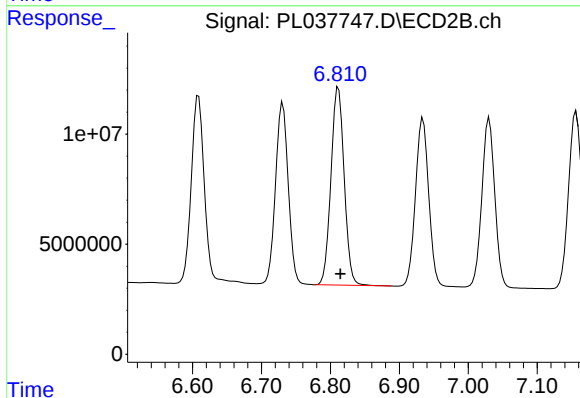
R.T.: 6.609 min  
Delta R.T.: -0.003 min  
Response: 108880503  
Conc: 47.35 ng/ml



#15 Endosulfan II

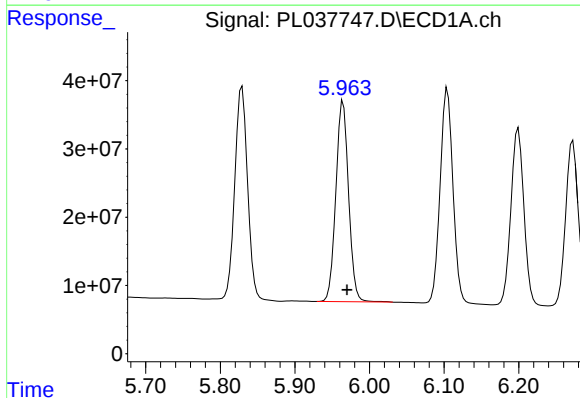
R.T.: 6.104 min  
Delta R.T.: -0.005 min  
Response: 376157307  
Conc: 51.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



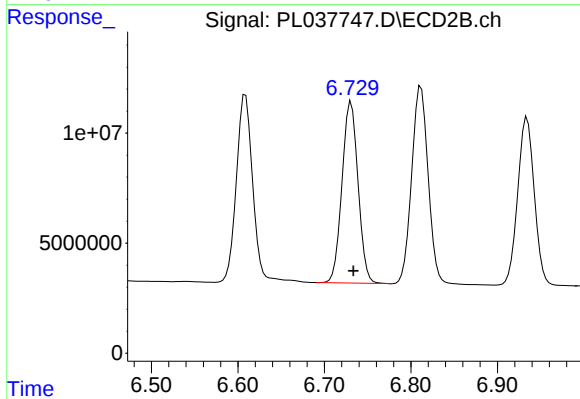
#15 Endosulfan II

R.T.: 6.812 min  
Delta R.T.: -0.003 min  
Response: 119669900  
Conc: 48.25 ng/ml



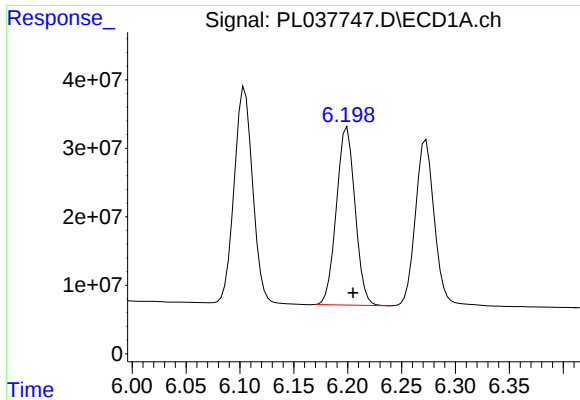
#16 4,4'-DDD

R.T.: 5.965 min  
Delta R.T.: -0.005 min  
Response: 348964698  
Conc: 53.14 ng/ml



#16 4,4'-DDD

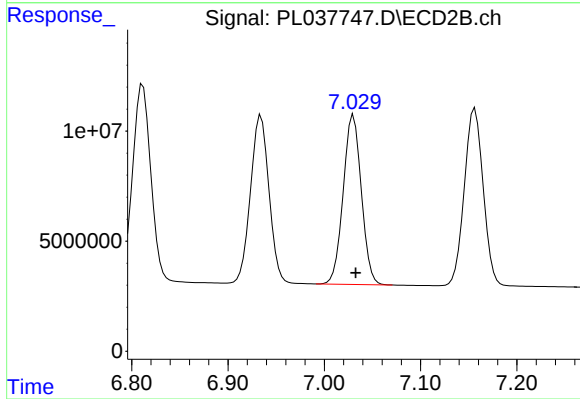
R.T.: 6.731 min  
Delta R.T.: -0.003 min  
Response: 105673369  
Conc: 51.48 ng/ml



#17 4,4'-DDT

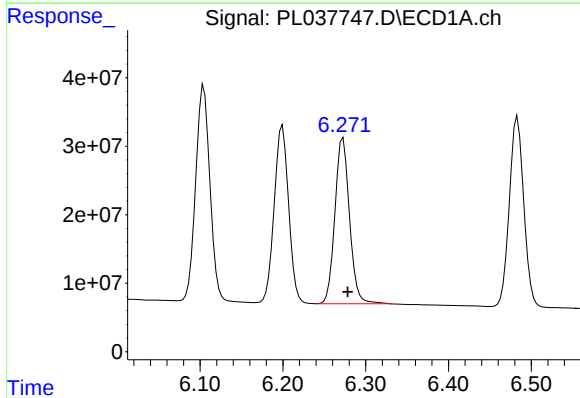
R.T.: 6.200 min  
Delta R.T.: -0.006 min  
Response: 313237516  
Conc: 48.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



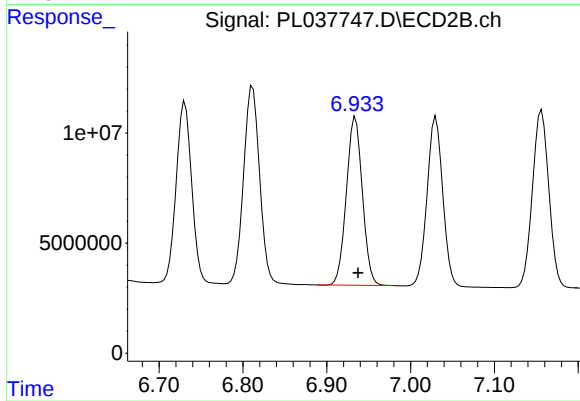
#17 4,4'-DDT

R.T.: 7.030 min  
Delta R.T.: -0.002 min  
Response: 100411084  
Conc: 47.40 ng/ml



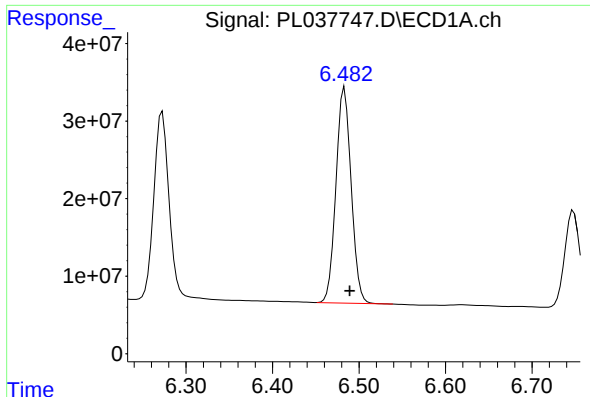
#18 Endrin aldehyde

R.T.: 6.273 min  
Delta R.T.: -0.006 min  
Response: 297075574  
Conc: 53.20 ng/ml



#18 Endrin aldehyde

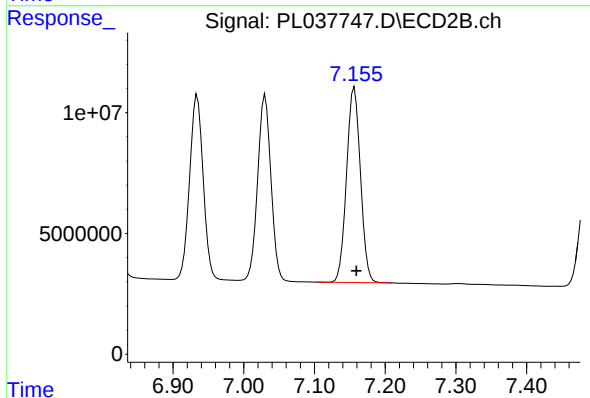
R.T.: 6.934 min  
Delta R.T.: -0.003 min  
Response: 101733416  
Conc: 50.56 ng/ml



#19 Endosulfan Sulfate

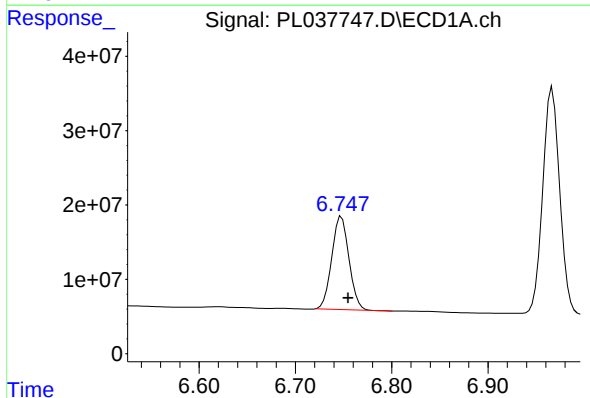
R.T.: 6.483 min  
Delta R.T.: -0.006 min  
Response: 337206240  
Conc: 50.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



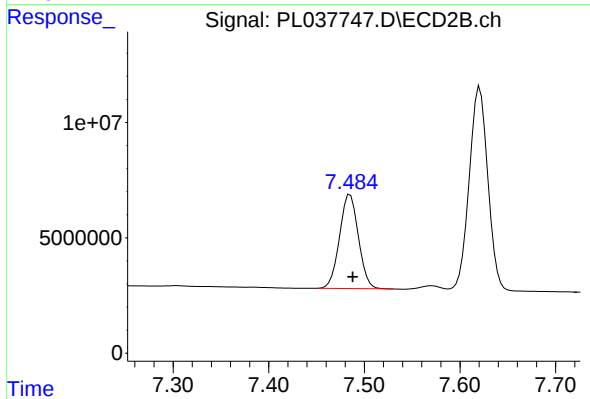
#19 Endosulfan Sulfate

R.T.: 7.156 min  
Delta R.T.: -0.003 min  
Response: 110415906  
Conc: 50.73 ng/ml



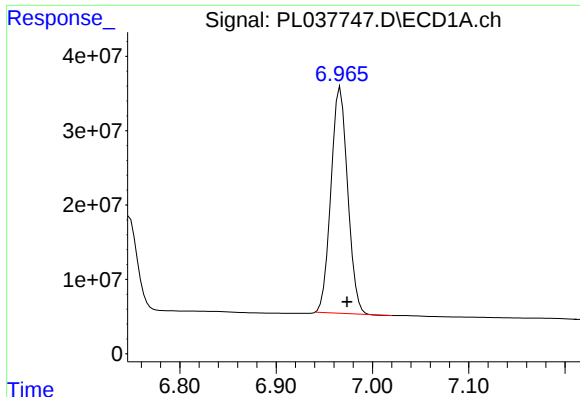
#20 Methoxychlor

R.T.: 6.748 min  
Delta R.T.: -0.007 min  
Response: 155574550  
Conc: 45.77 ng/ml



#20 Methoxychlor

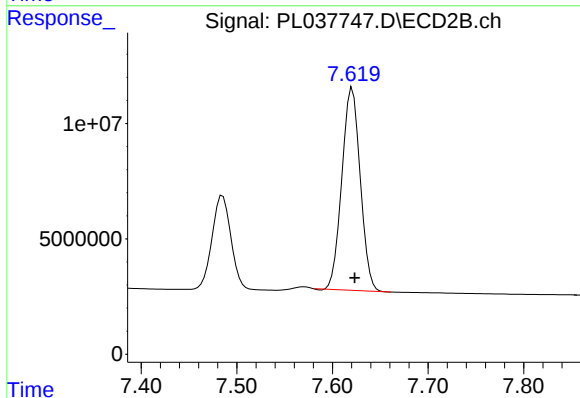
R.T.: 7.485 min  
Delta R.T.: -0.003 min  
Response: 56169158  
Conc: 50.18 ng/ml



#21 Endrin ketone

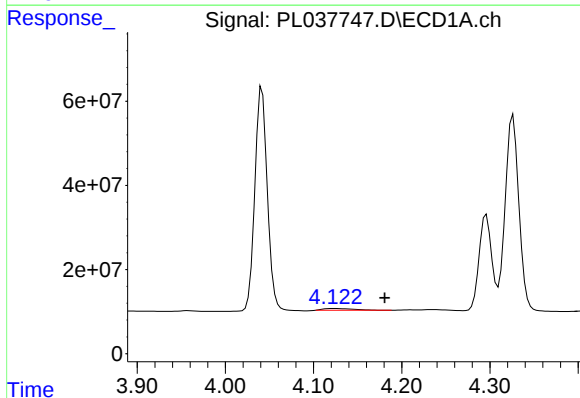
R.T.: 6.967 min  
Delta R.T.: -0.007 min  
Response: 366785078  
Conc: 51.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



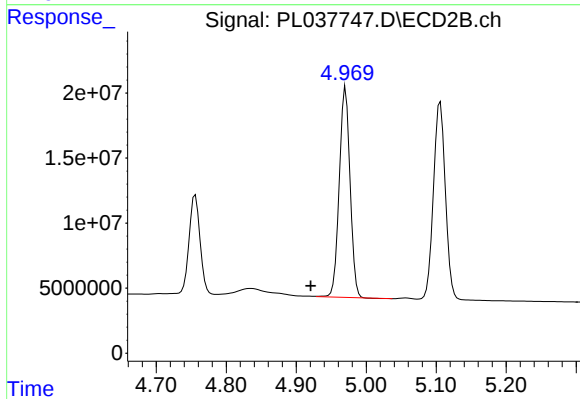
#21 Endrin ketone

R.T.: 7.621 min  
Delta R.T.: -0.003 min  
Response: 117441133  
Conc: 57.86 ng/ml



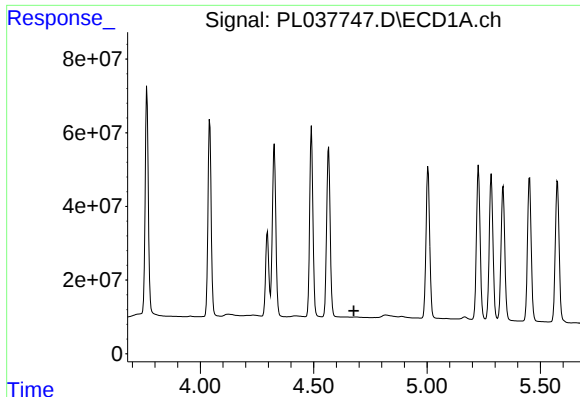
#23 Chlordane-1

R.T.: 4.123 min  
Delta R.T.: -0.057 min  
Response: 10184946  
Conc: 33.17 ng/ml



#23 Chlordane-1

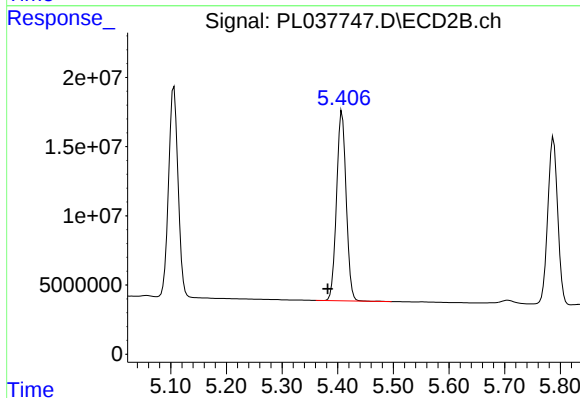
R.T.: 4.971 min  
Delta R.T.: 0.050 min  
Response: 172935592  
Conc: 1439.20 ng/ml



#24 Chlordane-2

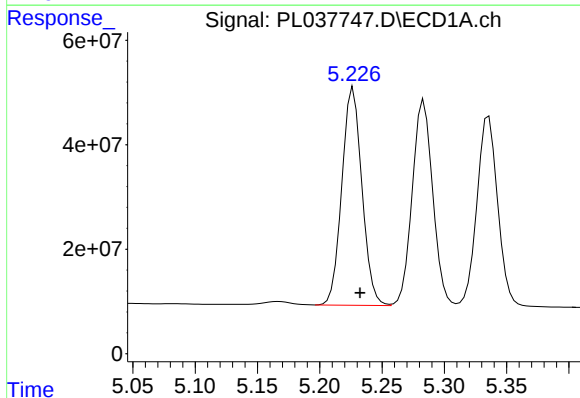
R.T.: 0.000 min  
Exp R.T.: 4.676 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



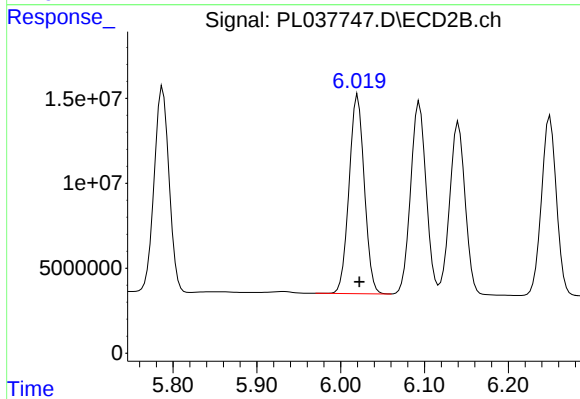
#24 Chlordane-2

R.T.: 5.408 min  
Delta R.T.: 0.026 min  
Response: 164432473  
Conc: 1299.34 ng/ml



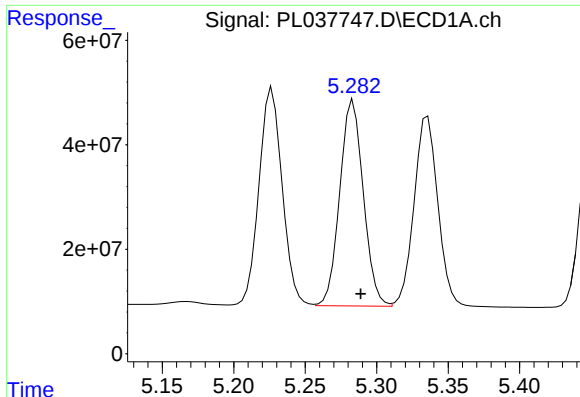
#25 Chlordane-3

R.T.: 5.227 min  
Delta R.T.: -0.005 min  
Response: 469684218  
Conc: 441.88 ng/ml



#25 Chlordane-3

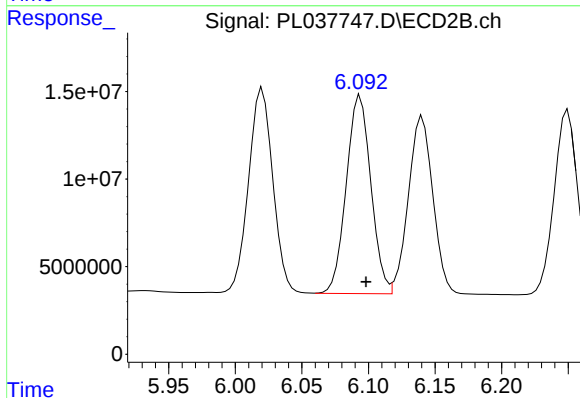
R.T.: 6.020 min  
Delta R.T.: -0.002 min  
Response: 148398433  
Conc: 379.45 ng/ml



#26 Chlordane-4

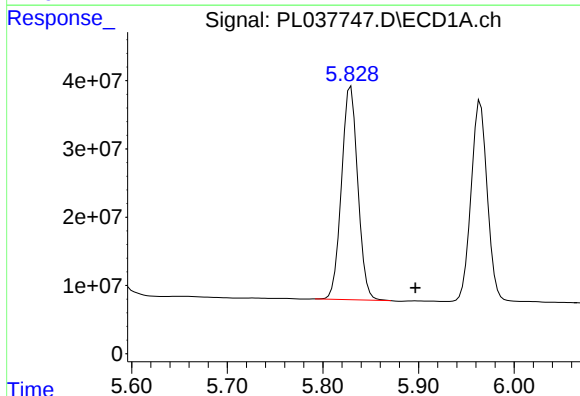
R.T.: 5.284 min  
Delta R.T.: -0.005 min  
Response: 452124893  
Conc: 469.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



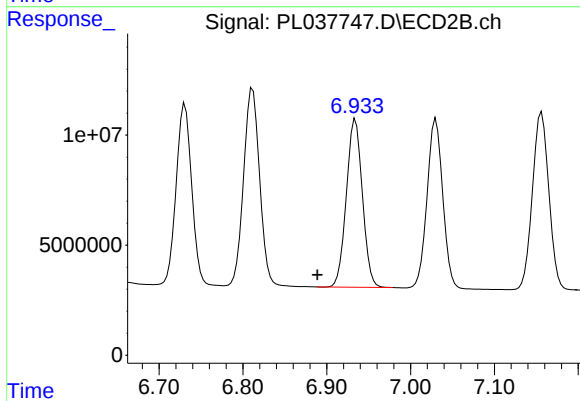
#26 Chlordane-4

R.T.: 6.094 min  
Delta R.T.: -0.004 min  
Response: 145761296  
Conc: 304.18 ng/ml



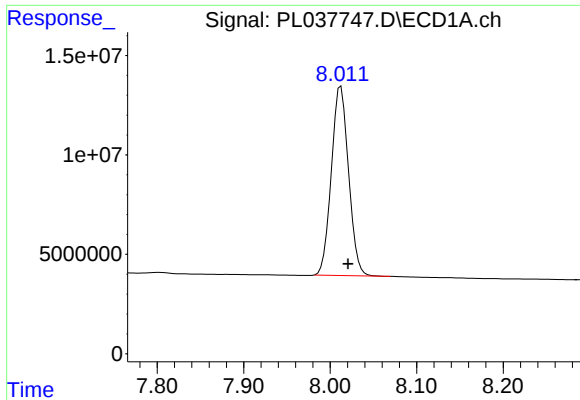
#27 Chlordane-5

R.T.: 5.829 min  
Delta R.T.: -0.067 min  
Response: 370917594  
Conc: 2834.28 ng/ml



#27 Chlordane-5

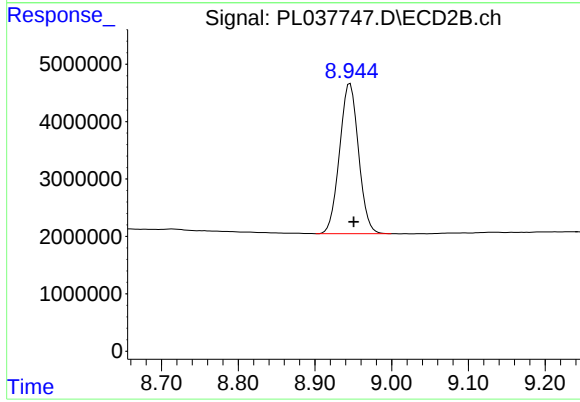
R.T.: 6.934 min  
Delta R.T.: 0.045 min  
Response: 101733416  
Conc: 1130.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.012 min  
Delta R.T.: -0.008 min  
Response: 131010252  
Conc: 21.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.946 min  
Delta R.T.: -0.005 min  
Response: 45031441  
Conc: 22.70 ng/ml