

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070918\  
 Data File : PL037804.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jul 2018 17:59  
 Operator : AJ\SJ  
 Sample : PB110918BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB110918BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 10 03:32:07 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... | 3.333 | 3.935 | 159.5E6 | 62626949 | 20.164 | 22.636   |
| 28)                         | SA Decachlor... | 8.010 | 8.946 | 140.2E6 | 49907124 | 23.243 | 25.155   |
| Target Compounds            |                 |       |       |         |          |        |          |
| 2)                          | A alpha-BHC     | 3.762 | 4.314 | 629.0E6 | 237.2E6  | 51.373 | 61.130   |
| 3)                          | MA gamma-BHC... | 4.039 | 4.594 | 557.6E6 | 209.2E6  | 54.055 | 60.577   |
| 4)                          | MA Heptachlor   | 4.324 | 5.105 | 550.8E6 | 205.2E6  | 53.763 | 59.370   |
| 5)                          | MB Aldrin       | 4.564 | 5.408 | 554.2E6 | 186.9E6  | 54.445 | 59.572   |
| 6)                          | B beta-BHC      | 4.294 | 4.756 | 248.4E6 | 92375617 | 54.469 | 57.280   |
| 7)                          | B delta-BHC     | 4.488 | 4.970 | 574.9E6 | 199.0E6  | 54.346 | 70.552 # |
| 8)                          | B Heptachlo...  | 5.003 | 5.787 | 514.1E6 | 168.2E6  | 54.889 | 58.999   |
| 9)                          | A Endosulfan I  | 5.334 | 6.140 | 464.5E6 | 146.1E6  | 54.905 | 56.963   |
| 10)                         | B gamma-Chl...  | 5.225 | 6.020 | 516.4E6 | 166.9E6  | 55.136 | 59.263   |
| 11)                         | B alpha-Chl...  | 5.281 | 6.094 | 495.3E6 | 163.4E6  | 54.543 | 56.771   |
| 12)                         | B 4,4'-DDE      | 5.451 | 6.249 | 485.0E6 | 146.9E6  | 54.909 | 57.745   |
| 13)                         | MA Dieldrin     | 5.573 | 6.394 | 482.8E6 | 153.9E6  | 54.539 | 57.667   |
| 14)                         | MA Endrin       | 5.827 | 6.608 | 407.5E6 | 122.8E6  | 51.729 | 53.405   |
| 15)                         | B Endosulfa...  | 6.102 | 6.811 | 410.3E6 | 132.8E6  | 55.790 | 53.562   |
| 16)                         | A 4,4'-DDD      | 5.962 | 6.731 | 379.6E6 | 117.2E6  | 57.796 | 57.089   |
| 17)                         | MA 4,4'-DDT     | 6.196 | 7.030 | 337.7E6 | 110.5E6  | 52.313 | 52.182   |
| 18)                         | B Endrin al...  | 6.270 | 6.934 | 319.0E6 | 112.5E6  | 57.124 | 55.885   |
| 19)                         | B Endosulfa...  | 6.481 | 7.157 | 368.0E6 | 120.7E6  | 55.010 | 55.455   |
| 20)                         | A Methoxychlor  | 6.745 | 7.485 | 167.8E6 | 60198785 | 49.375 | 53.780   |
| 21)                         | B Endrin ke...  | 6.964 | 7.620 | 388.2E6 | 124.1E6  | 54.585 | 61.166   |
| -----                       |                 |       |       |         |          |        |          |

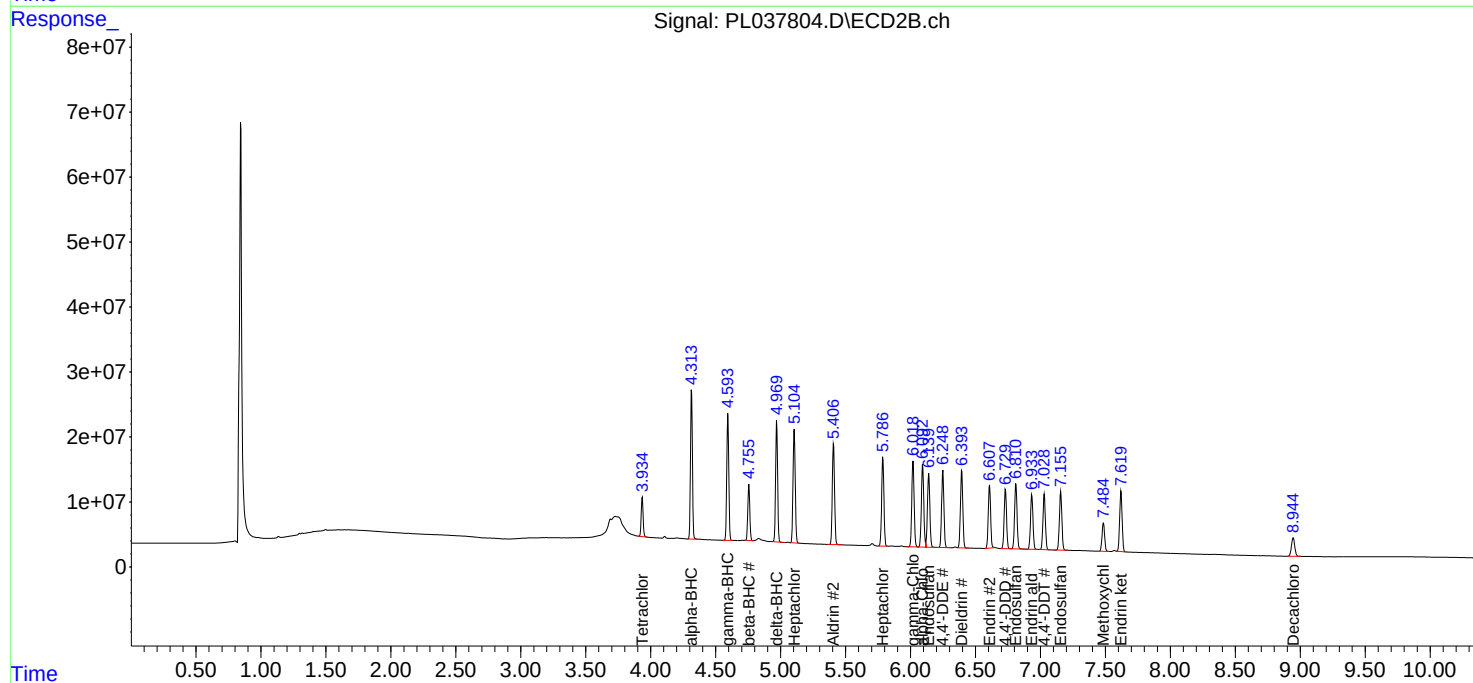
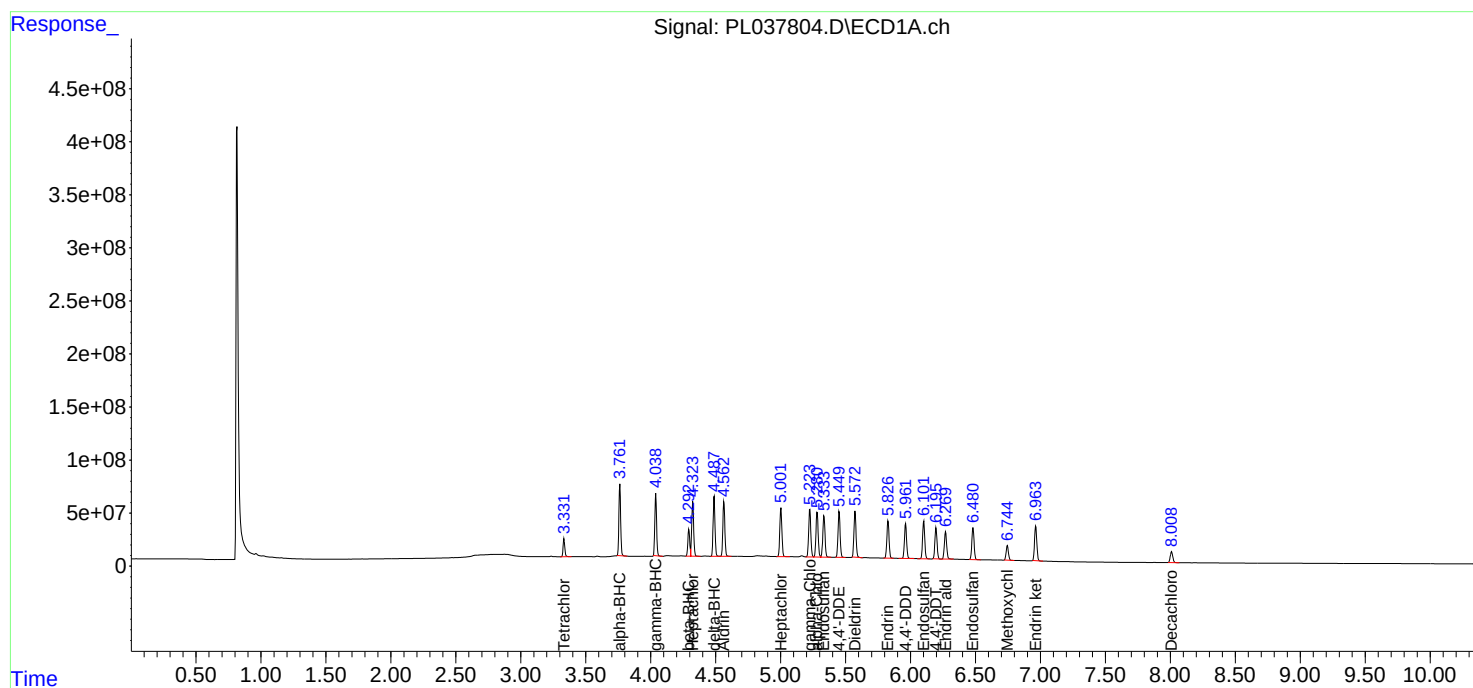
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

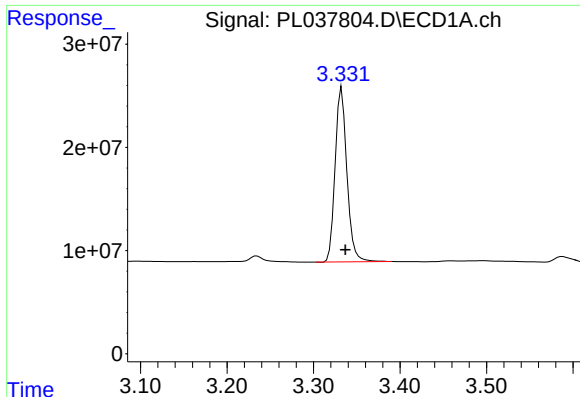
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070918\  
Data File : PL037804.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jul 2018 17:59  
Operator : AJ\SJ  
Sample : PB110918BS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB110918BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 03:32:07 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

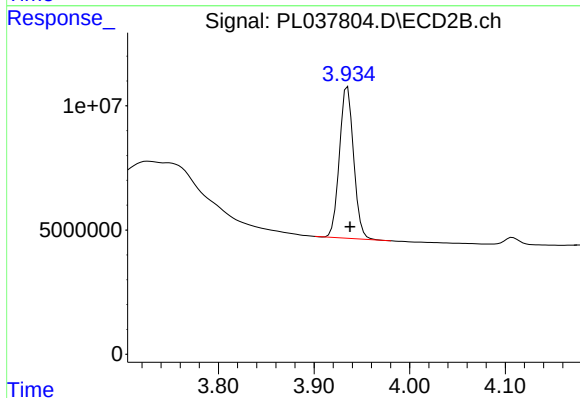




#1 Tetrachloro-m-xylene

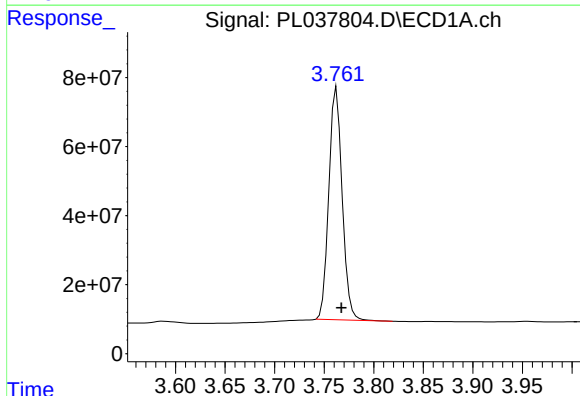
R.T.: 3.333 min  
Delta R.T.: -0.004 min  
Response: 159503131  
Conc: 20.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB110918BS



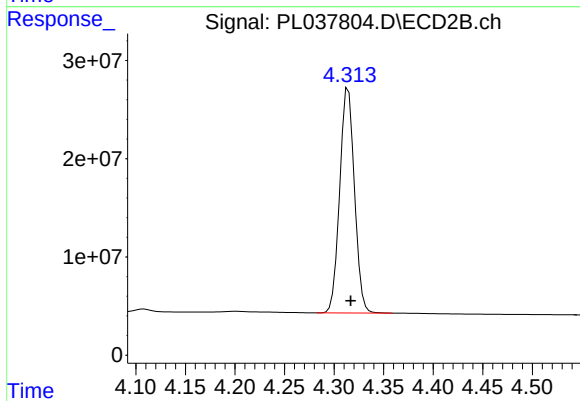
#1 Tetrachloro-m-xylene

R.T.: 3.935 min  
Delta R.T.: -0.003 min  
Response: 62626949  
Conc: 22.64 ng/ml



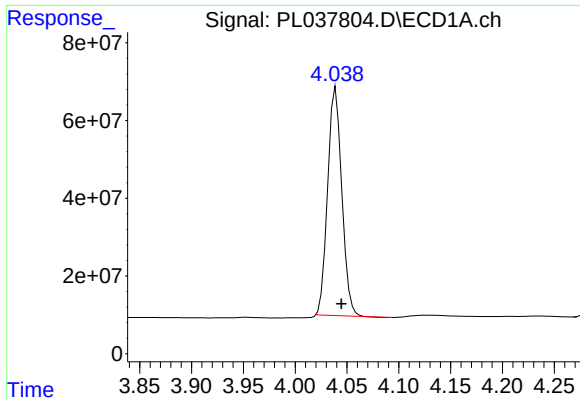
#2 alpha-BHC

R.T.: 3.762 min  
Delta R.T.: -0.005 min  
Response: 628950465  
Conc: 51.37 ng/ml



#2 alpha-BHC

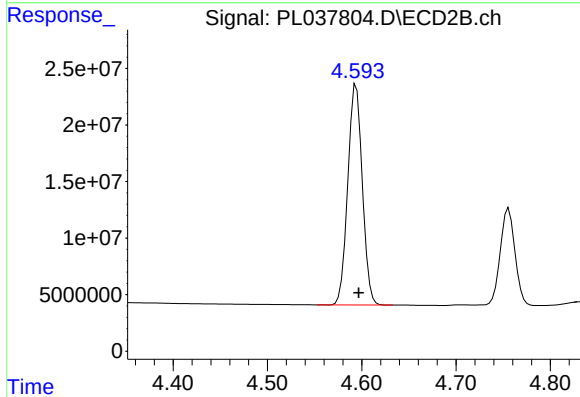
R.T.: 4.314 min  
Delta R.T.: -0.002 min  
Response: 237200927  
Conc: 61.13 ng/ml



#3 gamma-BHC (Lindane)

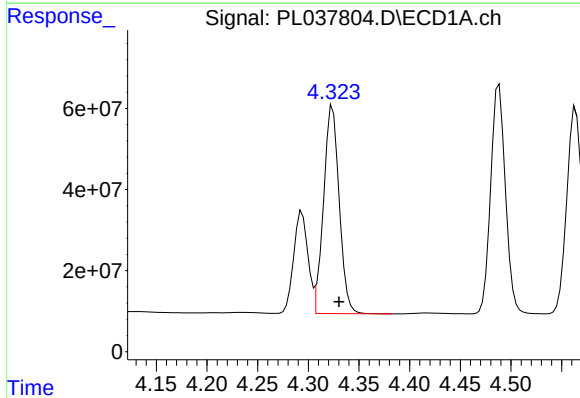
R.T.: 4.039 min  
Delta R.T.: -0.005 min  
Response: 557566110  
Conc: 54.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB110918BS



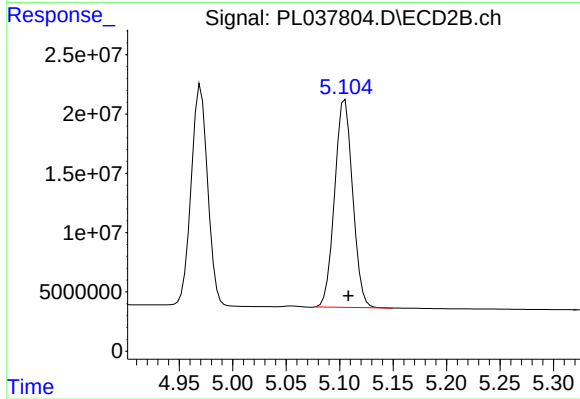
#3 gamma-BHC (Lindane)

R.T.: 4.594 min  
Delta R.T.: -0.003 min  
Response: 209214906  
Conc: 60.58 ng/ml



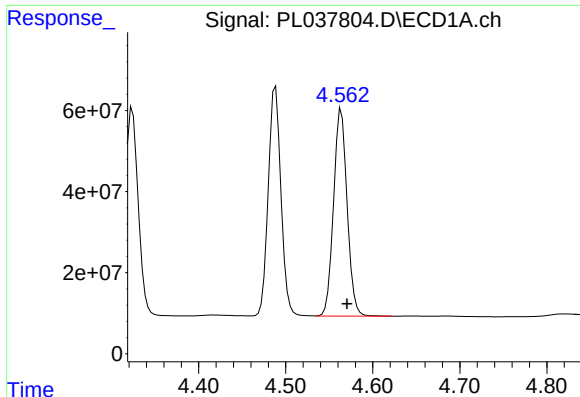
#4 Heptachlor

R.T.: 4.324 min  
Delta R.T.: -0.006 min  
Response: 550821710  
Conc: 53.76 ng/ml



#4 Heptachlor

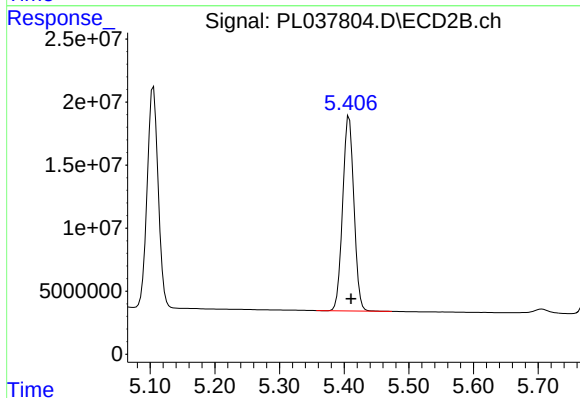
R.T.: 5.105 min  
Delta R.T.: -0.003 min  
Response: 205206081  
Conc: 59.37 ng/ml



#5 Aldrin

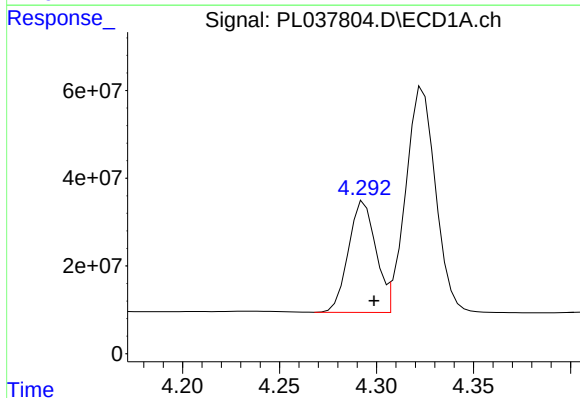
R.T.: 4.564 min  
Delta R.T.: -0.007 min  
Response: 554172337  
Conc: 54.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB110918BS



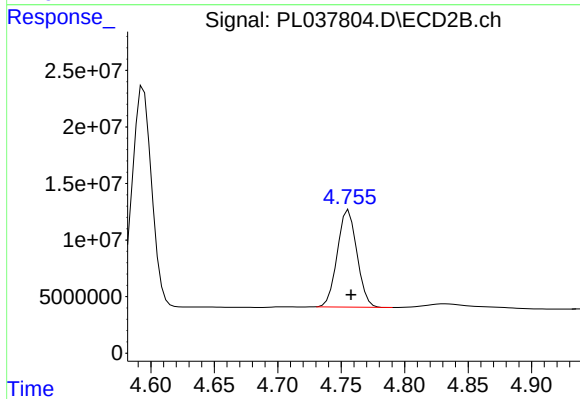
#5 Aldrin

R.T.: 5.408 min  
Delta R.T.: -0.003 min  
Response: 186890618  
Conc: 59.57 ng/ml



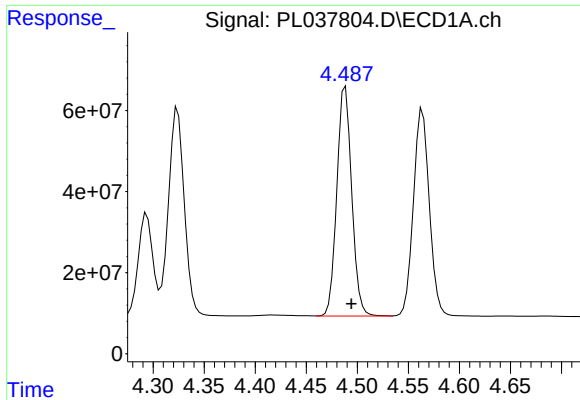
#6 beta-BHC

R.T.: 4.294 min  
Delta R.T.: -0.005 min  
Response: 248429975  
Conc: 54.47 ng/ml



#6 beta-BHC

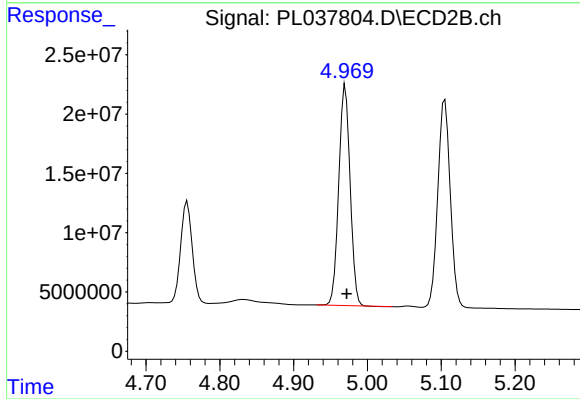
R.T.: 4.756 min  
Delta R.T.: -0.002 min  
Response: 92375617  
Conc: 57.28 ng/ml



#7 delta-BHC

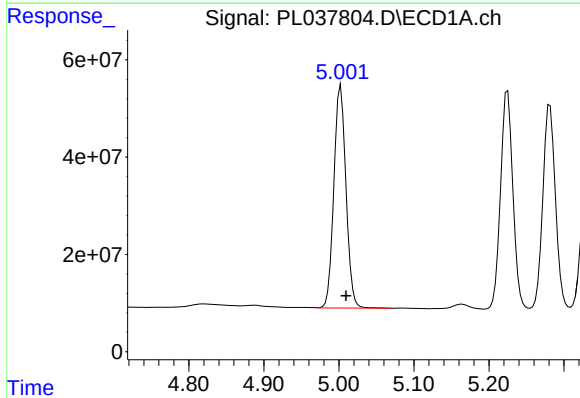
R.T.: 4.488 min  
Delta R.T.: -0.006 min  
Response: 574922449  
Conc: 54.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB110918BS



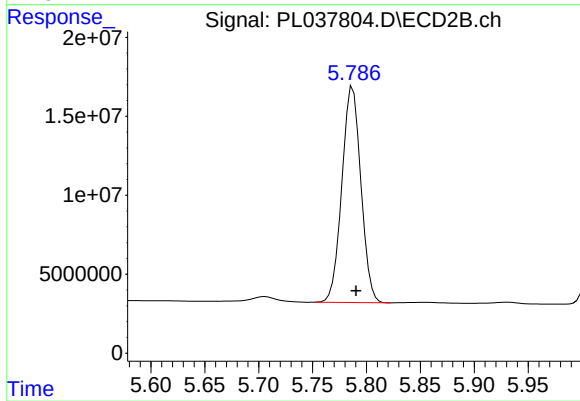
#7 delta-BHC

R.T.: 4.970 min  
Delta R.T.: -0.002 min  
Response: 198976309  
Conc: 70.55 ng/ml



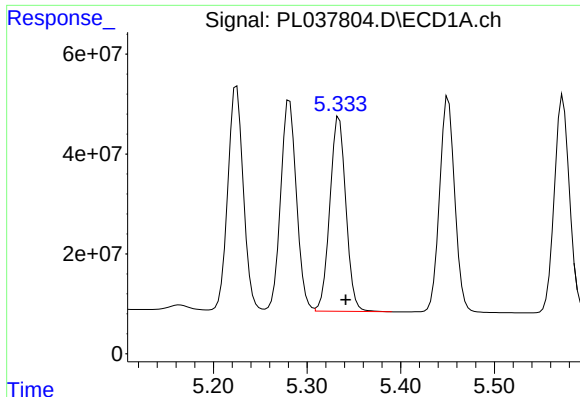
#8 Heptachlor epoxide

R.T.: 5.003 min  
Delta R.T.: -0.007 min  
Response: 514139383  
Conc: 54.89 ng/ml



#8 Heptachlor epoxide

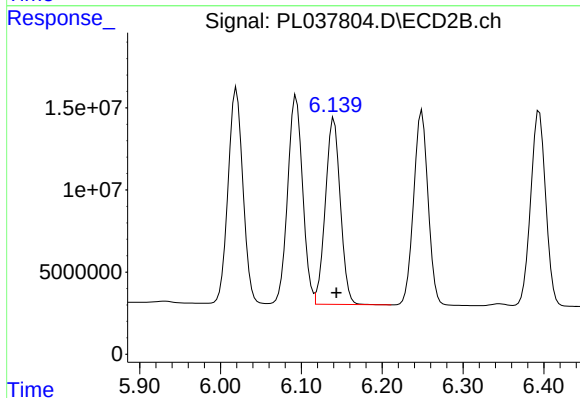
R.T.: 5.787 min  
Delta R.T.: -0.003 min  
Response: 168187870  
Conc: 59.00 ng/ml



#9 Endosulfan I

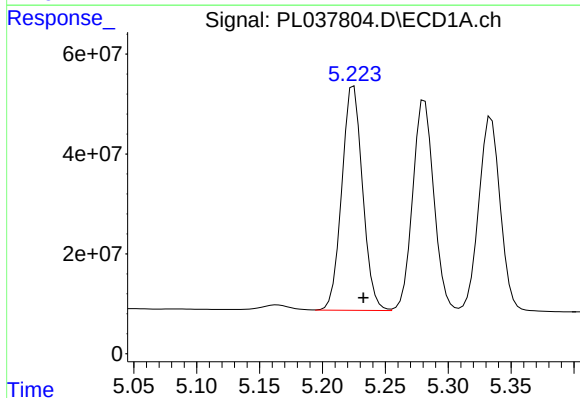
R.T.: 5.334 min  
Delta R.T.: -0.007 min  
Response: 464543344  
Conc: 54.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB110918BS



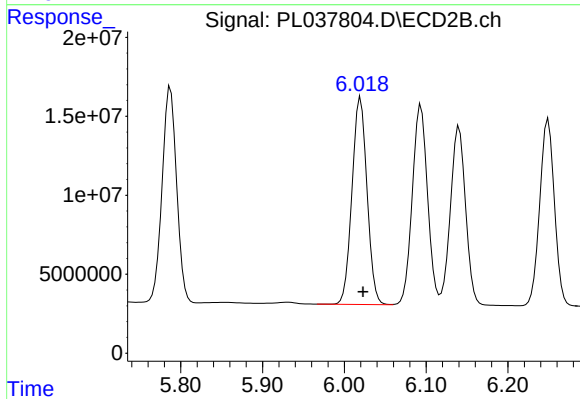
#9 Endosulfan I

R.T.: 6.140 min  
Delta R.T.: -0.003 min  
Response: 146098695  
Conc: 56.96 ng/ml



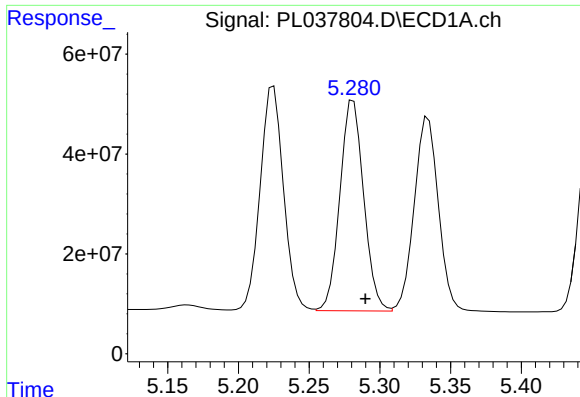
#10 gamma-Chlordane

R.T.: 5.225 min  
Delta R.T.: -0.008 min  
Response: 516418486  
Conc: 55.14 ng/ml



#10 gamma-Chlordane

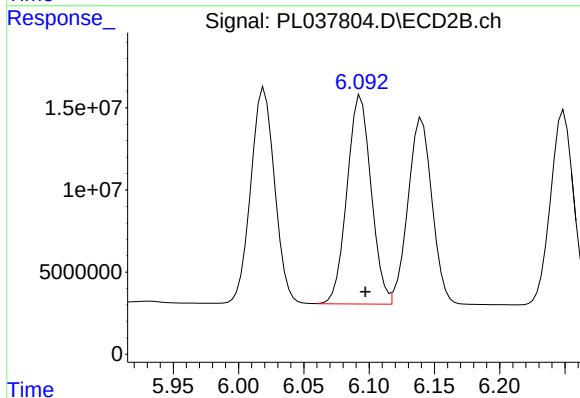
R.T.: 6.020 min  
Delta R.T.: -0.003 min  
Response: 166909489  
Conc: 59.26 ng/ml



#11 alpha-Chlordane

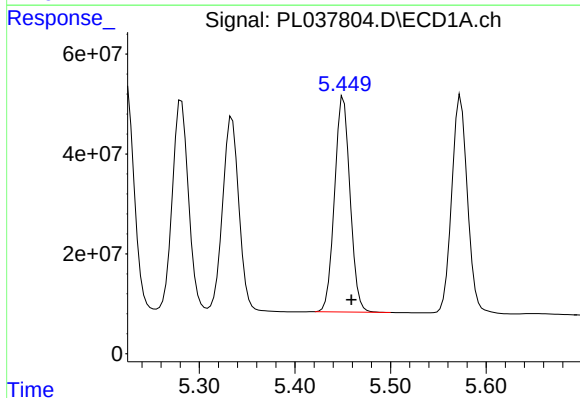
R.T.: 5.281 min  
Delta R.T.: -0.009 min  
Response: 495325898  
Conc: 54.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB110918BS



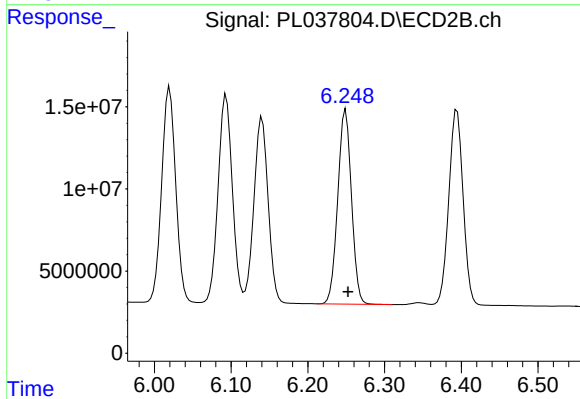
#11 alpha-Chlordane

R.T.: 6.094 min  
Delta R.T.: -0.004 min  
Response: 163404037  
Conc: 56.77 ng/ml



#12 4,4'-DDE

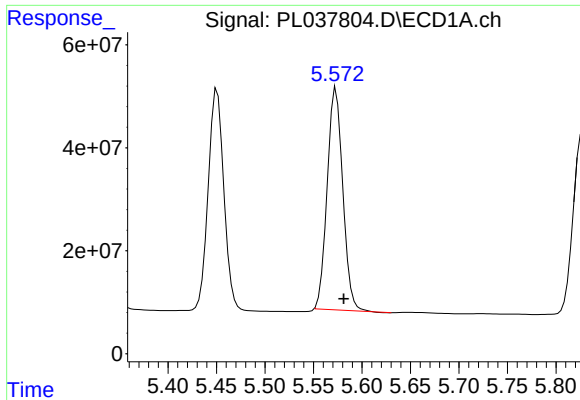
R.T.: 5.451 min  
Delta R.T.: -0.008 min  
Response: 484987025  
Conc: 54.91 ng/ml



#12 4,4'-DDE

R.T.: 6.249 min  
Delta R.T.: -0.003 min  
Response: 146943237  
Conc: 57.75 ng/ml

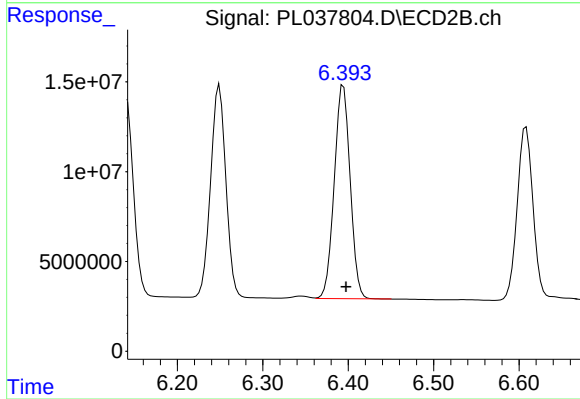




#13 Dieldrin

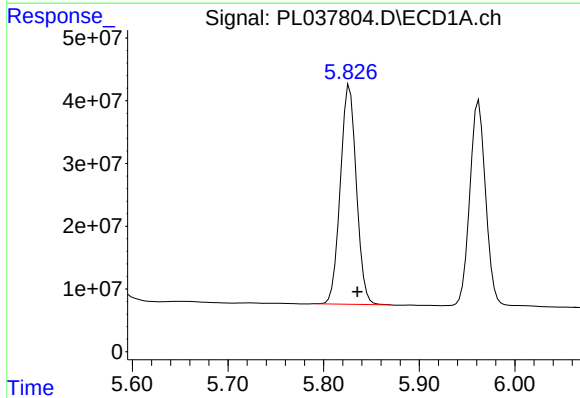
R.T.: 5.573 min  
Delta R.T.: -0.008 min  
Response: 482839453  
Conc: 54.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB110918BS



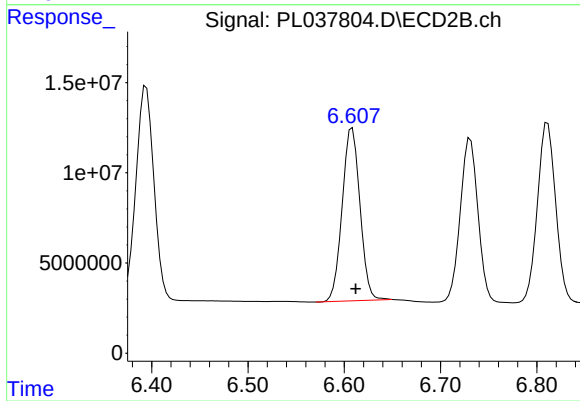
#13 Dieldrin

R.T.: 6.394 min  
Delta R.T.: -0.003 min  
Response: 153927972  
Conc: 57.67 ng/ml



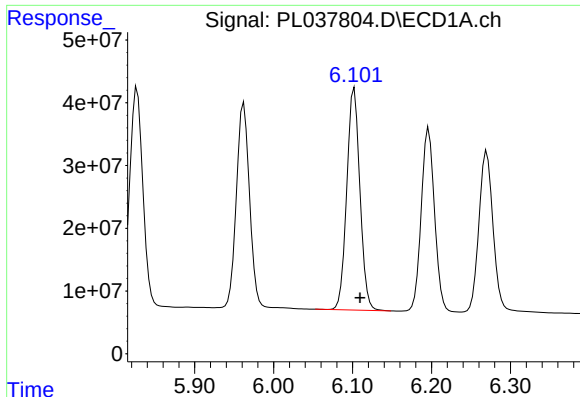
#14 Endrin

R.T.: 5.827 min  
Delta R.T.: -0.008 min  
Response: 407499870  
Conc: 51.73 ng/ml



#14 Endrin

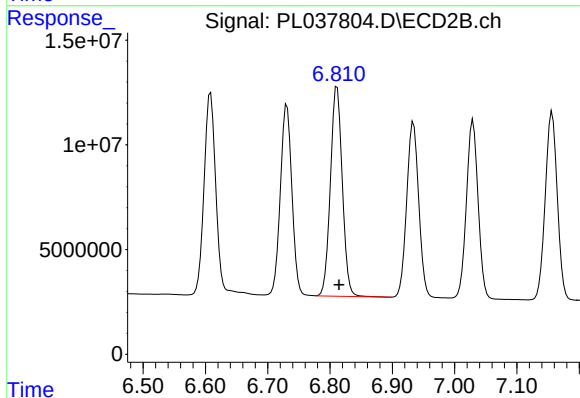
R.T.: 6.608 min  
Delta R.T.: -0.004 min  
Response: 122792373  
Conc: 53.40 ng/ml



#15 Endosulfan II

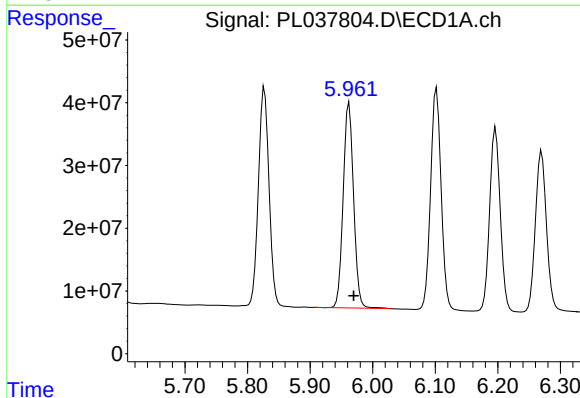
R.T.: 6.102 min  
Delta R.T.: -0.007 min  
Response: 410253303  
Conc: 55.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB110918BS



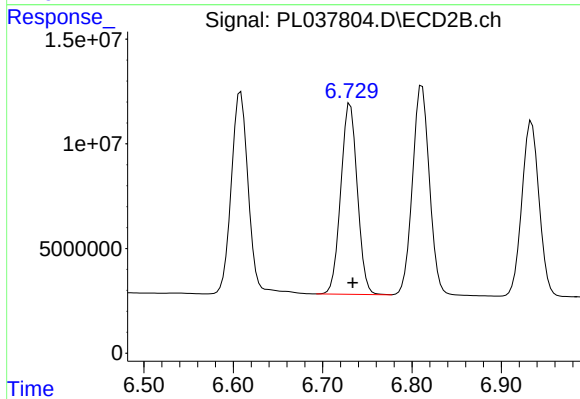
#15 Endosulfan II

R.T.: 6.811 min  
Delta R.T.: -0.003 min  
Response: 132836218  
Conc: 53.56 ng/ml



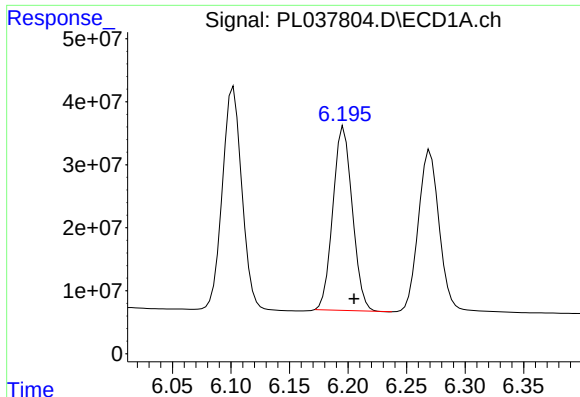
#16 4,4'-DDD

R.T.: 5.962 min  
Delta R.T.: -0.008 min  
Response: 379553088  
Conc: 57.80 ng/ml



#16 4,4'-DDD

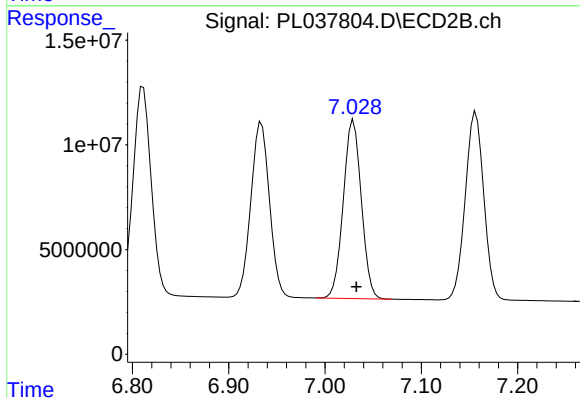
R.T.: 6.731 min  
Delta R.T.: -0.003 min  
Response: 117186966  
Conc: 57.09 ng/ml



#17 4,4'-DDT

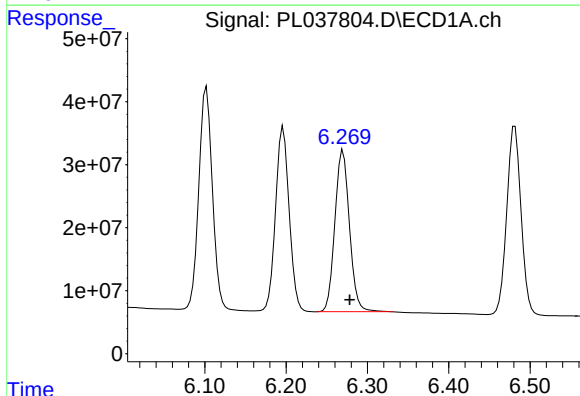
R.T.: 6.196 min  
Delta R.T.: -0.009 min  
Response: 337746866  
Conc: 52.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB110918BS



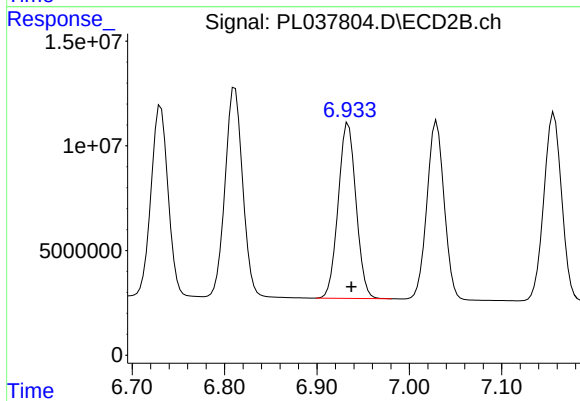
#17 4,4'-DDT

R.T.: 7.030 min  
Delta R.T.: -0.003 min  
Response: 110529884  
Conc: 52.18 ng/ml



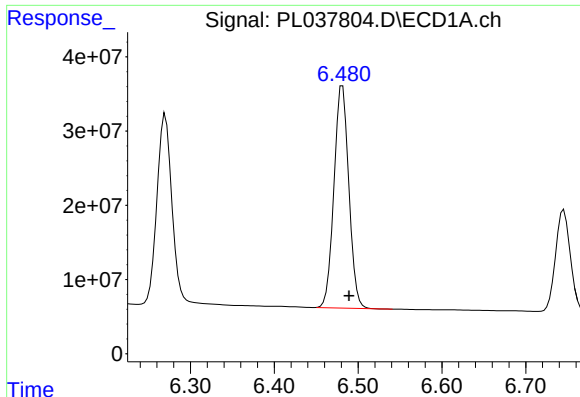
#18 Endrin aldehyde

R.T.: 6.270 min  
Delta R.T.: -0.008 min  
Response: 319011051  
Conc: 57.12 ng/ml



#18 Endrin aldehyde

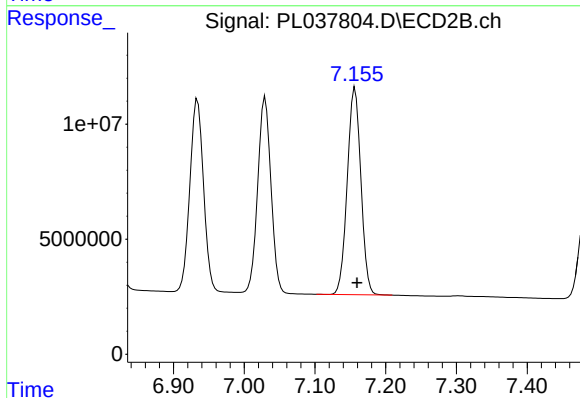
R.T.: 6.934 min  
Delta R.T.: -0.003 min  
Response: 112455303  
Conc: 55.89 ng/ml



#19 Endosulfan Sulfate

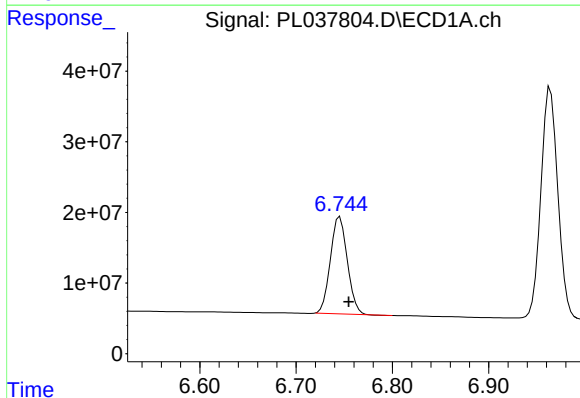
R.T.: 6.481 min  
Delta R.T.: -0.008 min  
Response: 368017425  
Conc: 55.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB110918BS



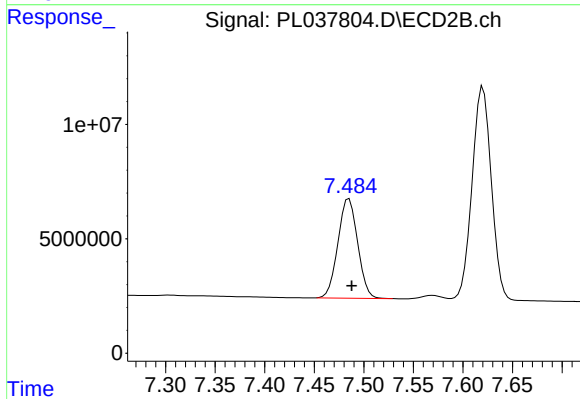
#19 Endosulfan Sulfate

R.T.: 7.157 min  
Delta R.T.: -0.003 min  
Response: 120695216  
Conc: 55.46 ng/ml



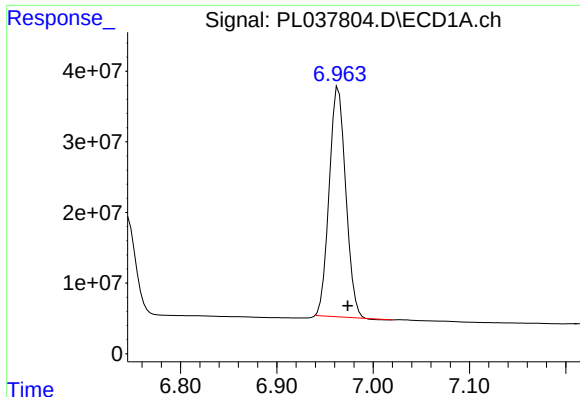
#20 Methoxychlor

R.T.: 6.745 min  
Delta R.T.: -0.009 min  
Response: 167826137  
Conc: 49.38 ng/ml



#20 Methoxychlor

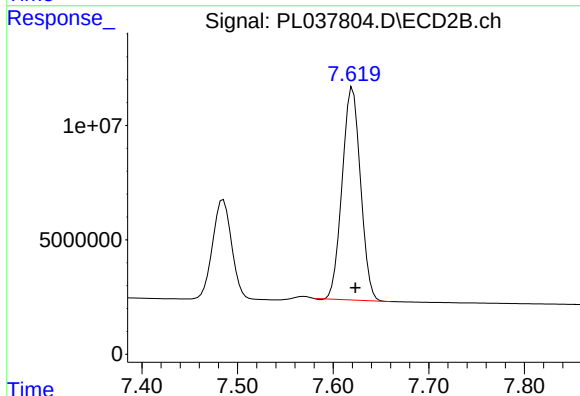
R.T.: 7.485 min  
Delta R.T.: -0.003 min  
Response: 60198785  
Conc: 53.78 ng/ml



#21 Endrin ketone

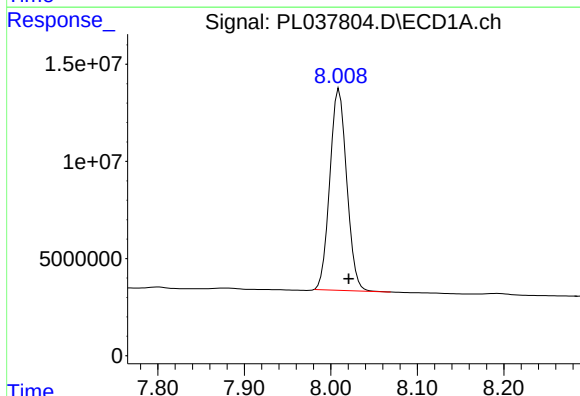
R.T.: 6.964 min  
Delta R.T.: -0.010 min  
Response: 388190547  
Conc: 54.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB110918BS



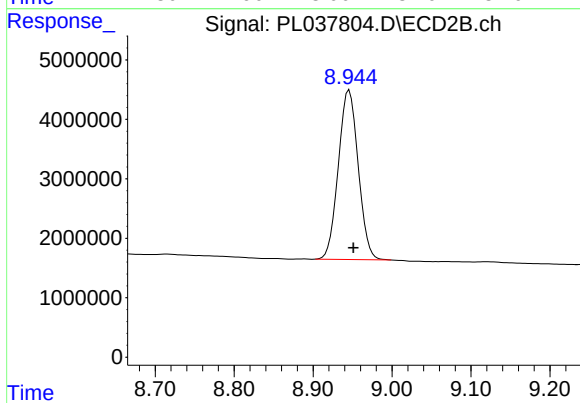
#21 Endrin ketone

R.T.: 7.620 min  
Delta R.T.: -0.003 min  
Response: 124146529  
Conc: 61.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.010 min  
Delta R.T.: -0.011 min  
Response: 140249295  
Conc: 23.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.946 min  
Delta R.T.: -0.005 min  
Response: 49907124  
Conc: 25.16 ng/ml