

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091018\  
 Data File : PL039812.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Sep 2018 22:21  
 Operator : AJ\SJ  
 Sample : J4769-06MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 11 05:22:15 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 15 15:04:22 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... | 3.302 | 3.905 | 135.9E6 | 55674151 | 19.448   | 20.767     |
| 28)                         | SA Decachlor... | 7.955 | 8.891 | 125.8E6 | 47955997 | 17.906   | 20.665     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.729 | 4.282 | 650.0E6 | 275.5E6  | 54.992   | 65.423     |
| 3)                          | MA gamma-BHC... | 4.004 | 4.561 | 590.4E6 | 238.0E6  | 55.666   | 59.105     |
| 4)                          | MA Heptachlor   | 4.286 | 5.067 | 549.5E6 | 232.1E6  | 52.195   | 64.896     |
| 5)                          | MB Aldrin       | 4.523 | 5.368 | 518.0E6 | 213.2E6  | 51.716   | 60.213     |
| 6)                          | B beta-BHC      | 4.259 | 4.723 | 240.9E6 | 105.9E6  | 51.862   | 60.479     |
| 7)                          | B delta-BHC     | 4.451 | 4.936 | 606.3E6 | 247.1E6  | 55.858   | 62.071     |
| 8)                          | B Heptachlo...  | 4.958 | 5.747 | 525.1E6 | 211.5E6  | 54.984   | 62.877     |
| 9)                          | A Endosulfan I  | 5.287 | 6.098 | 497.8E6 | 185.9E6  | 56.855   | 63.359     |
| 10)                         | B gamma-Chl...  | 5.180 | 5.979 | 538.3E6 | 203.0E6  | 54.503   | 62.738     |
| 11)                         | B alpha-Chl...  | 5.236 | 6.052 | 521.8E6 | 201.5E6  | 54.315   | 62.285     |
| 12)                         | B 4,4'-DDE      | 5.404 | 6.208 | 509.7E6 | 190.2E6  | 53.227   | 61.519     |
| 13)                         | MA Dieldrin     | 5.526 | 6.352 | 548.9E6 | 194.1E6  | 56.284   | 64.059     |
| 14)                         | MA Endrin       | 5.778 | 6.566 | 511.6E6 | 160.7E6  | 57.155   | 62.491     |
| 15)                         | B Endosulfa...  | 6.054 | 6.769 | 520.0E6 | 159.4E6  | 59.806   | 62.047     |
| 16)                         | A 4,4'-DDD      | 5.914 | 6.690 | 420.9E6 | 142.7E6  | 52.815   | 63.738     |
| 17)                         | MA 4,4'-DDT     | 6.147 | 6.988 | 434.8E6 | 137.8E6  | 57.355   | 58.540     |
| 18)                         | B Endrin al...  | 6.221 | 6.892 | 367.1E6 | 129.4E6  | 54.175   | 59.614     |
| 19)                         | B Endosulfa...  | 6.432 | 7.113 | 465.6E6 | 147.0E6  | 57.221   | 61.304     |
| 20)                         | A Methoxychlor  | 6.695 | 7.444 | 235.7E6 | 73235173 | 57.589   | 59.130     |
| 21)                         | B Endrin ke...  | 6.914 | 7.577 | 455.4E6 | 146.6E6  | 52.910   | 59.344     |
| 23)                         | Chlordane-1     | 4.212 | 4.936 | 7613830 | 247.1E6  | 24.050   | 1978.155 # |
| 24)                         | Chlordane-2     | 0.000 | 5.368 | 0       | 213.2E6  | N.D.     | 1682.837 # |
| 25)                         | Chlordane-3     | 5.180 | 5.979 | 538.3E6 | 203.0E6  | 492.842  | 471.803    |
| 26)                         | Chlordane-4     | 5.236 | 6.052 | 521.8E6 | 201.5E6  | 522.154  | 388.445 #  |
| 27)                         | Chlordane-5     | 6.054 | 6.892 | 520.0E6 | 129.4E6  | 1603.397 | 1399.307   |
| -----                       |                 |       |       |         |          |          |            |

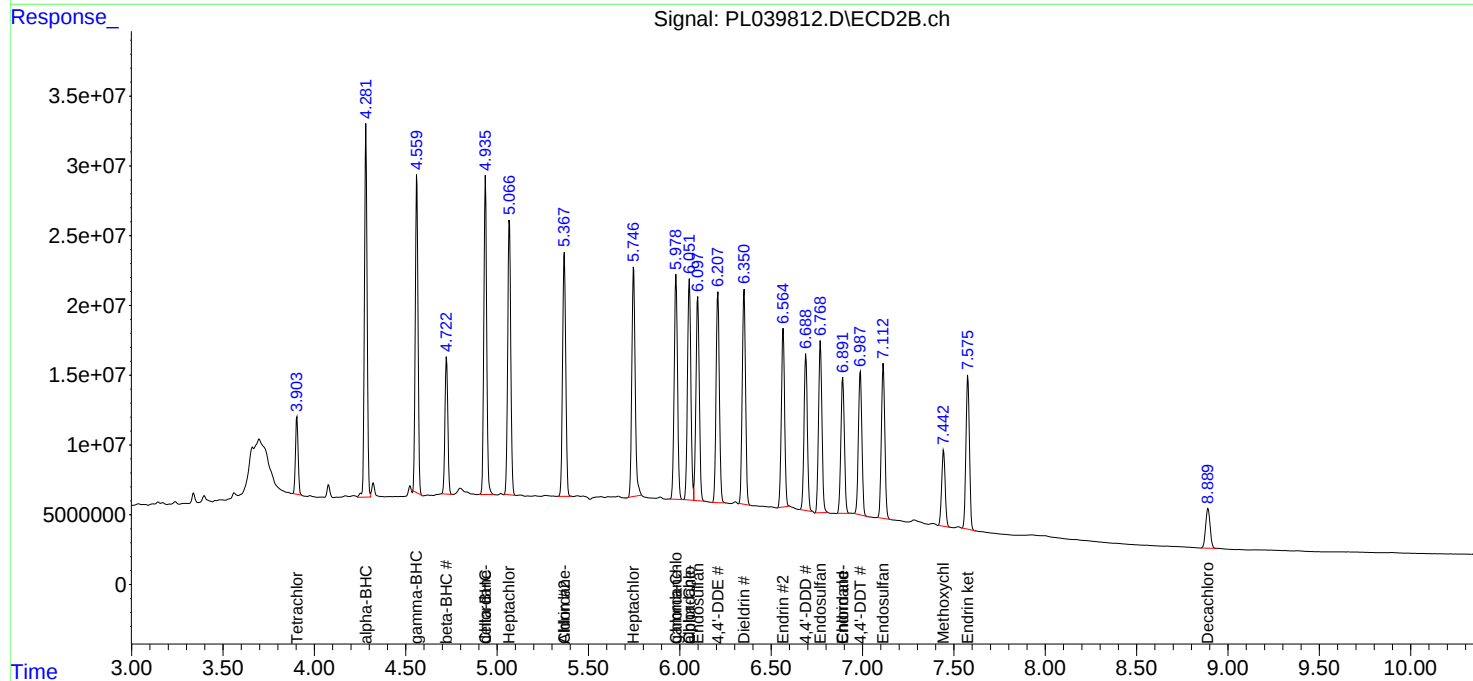
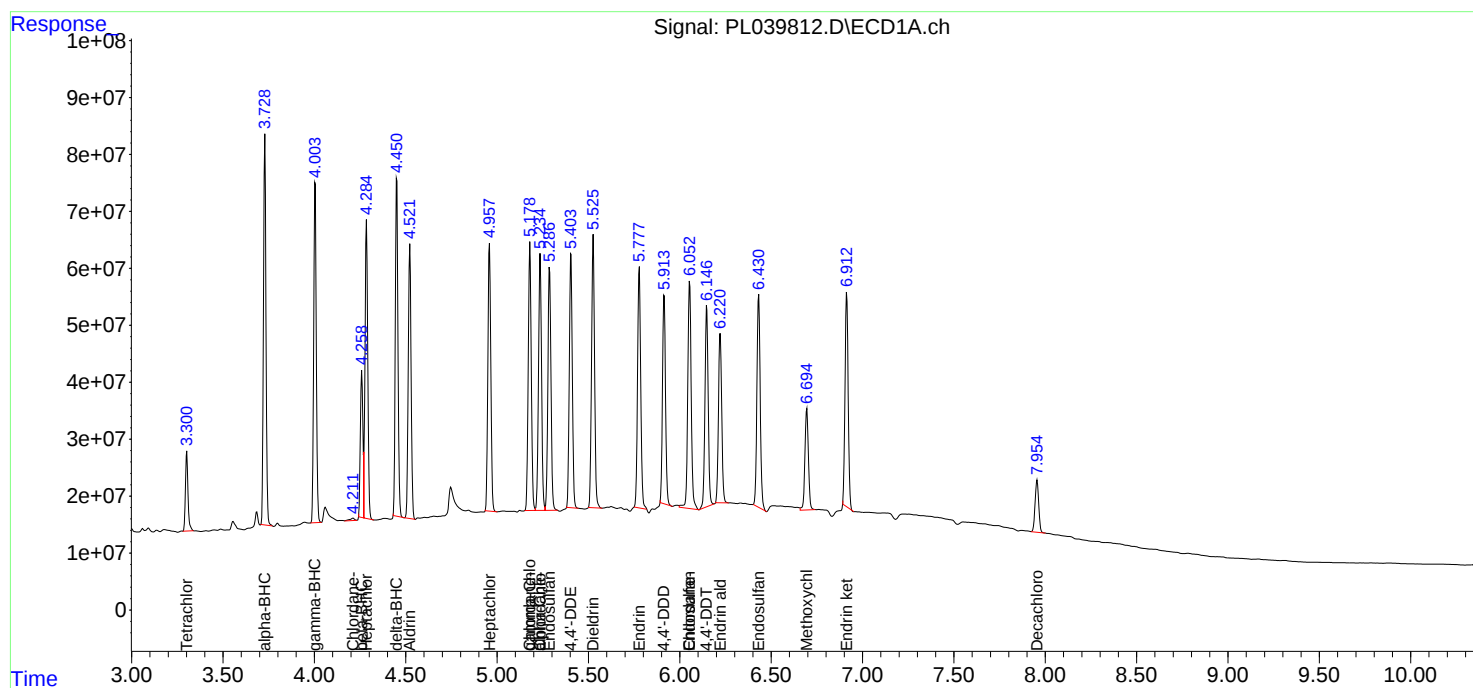
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

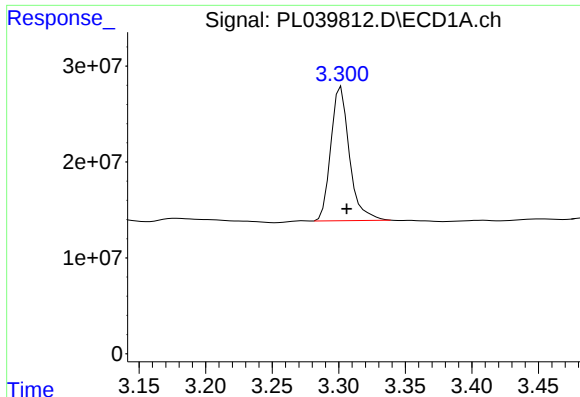
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091018\  
Data File : PL039812.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Sep 2018 22:21  
Operator : AJ\SJ  
Sample : J4769-06MSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 11 05:22:15 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 15 15:04:22 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

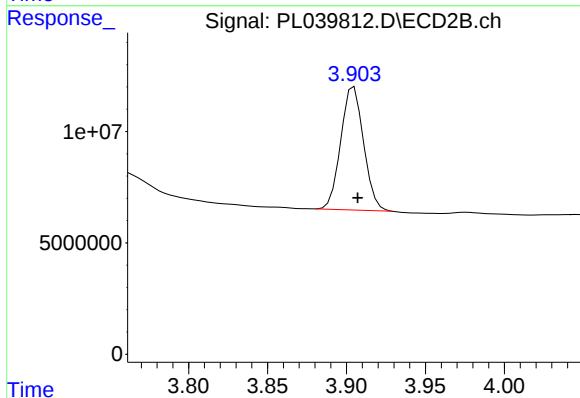




#1 Tetrachloro-m-xylene

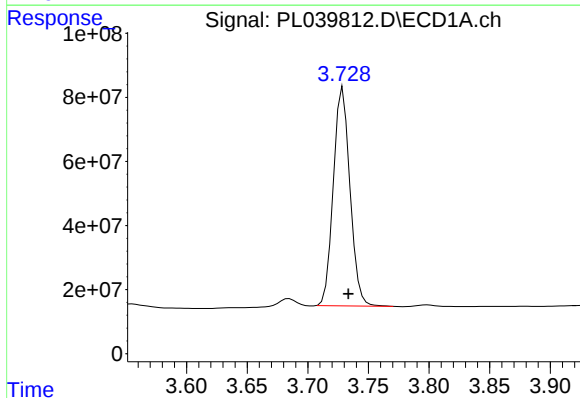
R.T.: 3.302 min  
Delta R.T.: -0.004 min  
Response: 135948253  
Conc: 19.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



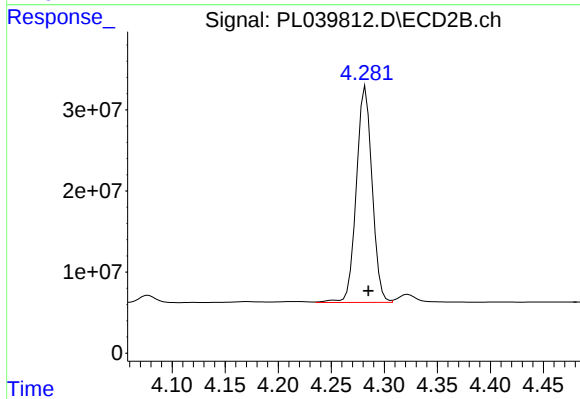
#1 Tetrachloro-m-xylene

R.T.: 3.905 min  
Delta R.T.: -0.002 min  
Response: 55674151  
Conc: 20.77 ng/ml



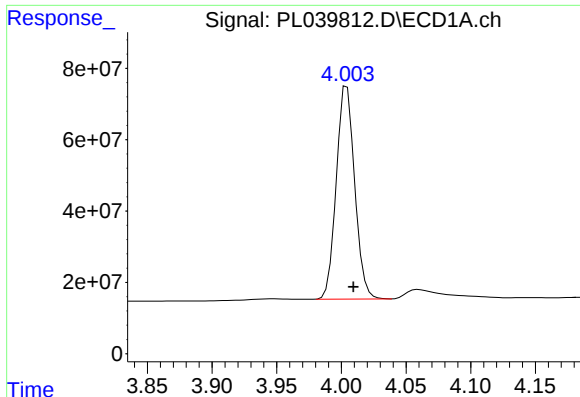
#2 alpha-BHC

R.T.: 3.729 min  
Delta R.T.: -0.004 min  
Response: 650018503  
Conc: 54.99 ng/ml



#2 alpha-BHC

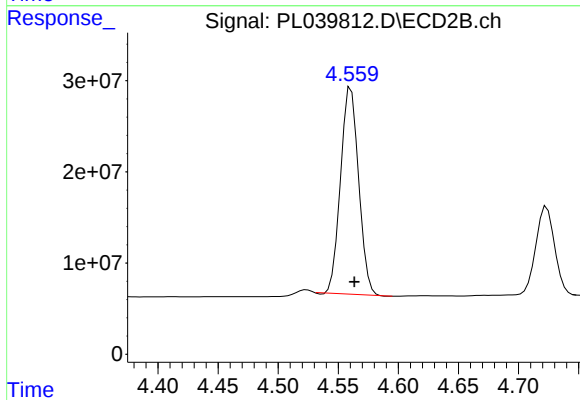
R.T.: 4.282 min  
Delta R.T.: -0.003 min  
Response: 275497817  
Conc: 65.42 ng/ml



#3 gamma-BHC (Lindane)

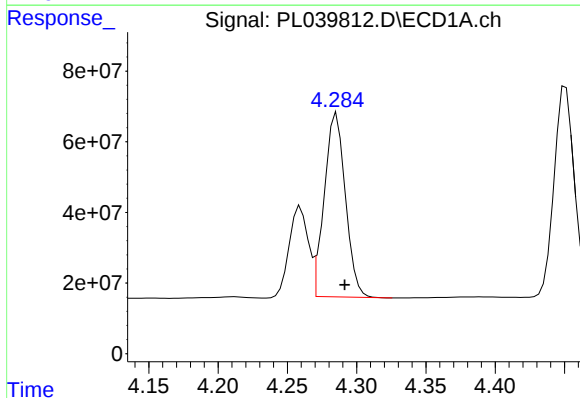
R.T.: 4.004 min  
Delta R.T.: -0.005 min  
Response: 590428694  
Conc: 55.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



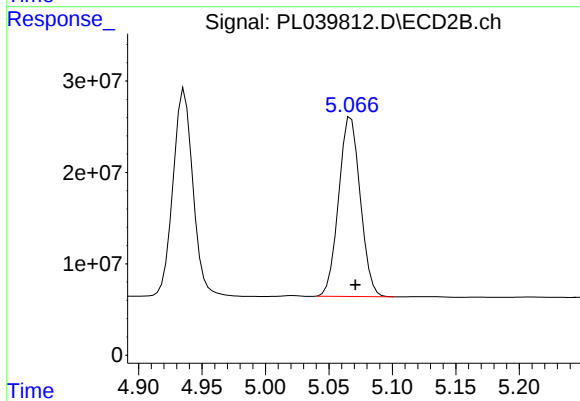
#3 gamma-BHC (Lindane)

R.T.: 4.561 min  
Delta R.T.: -0.003 min  
Response: 237988502  
Conc: 59.11 ng/ml



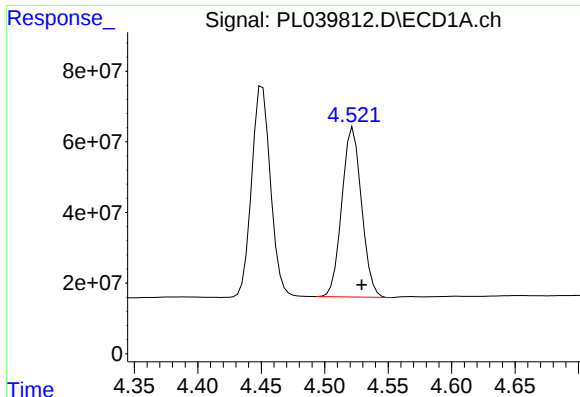
#4 Heptachlor

R.T.: 4.286 min  
Delta R.T.: -0.006 min  
Response: 549465239  
Conc: 52.20 ng/ml



#4 Heptachlor

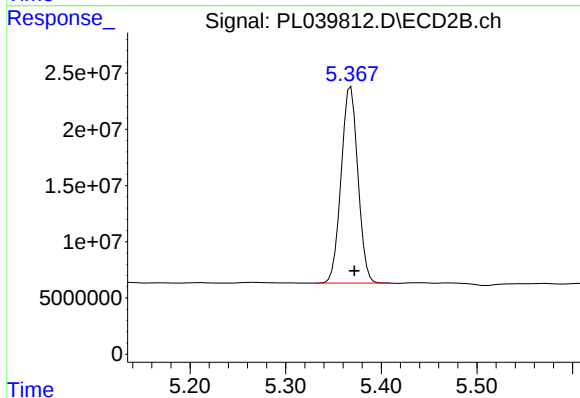
R.T.: 5.067 min  
Delta R.T.: -0.004 min  
Response: 232057879  
Conc: 64.90 ng/ml



#5 Aldrin

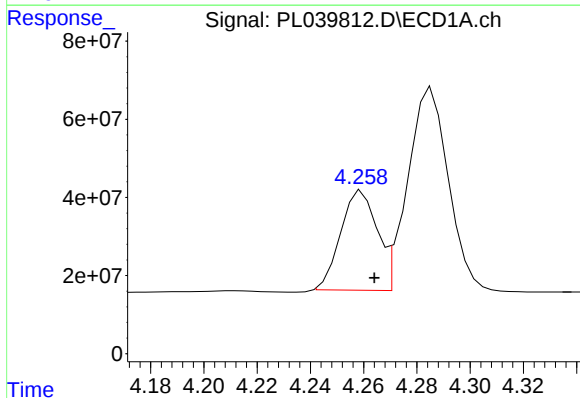
R.T.: 4.523 min  
Delta R.T.: -0.007 min  
Response: 517983343  
Conc: 51.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



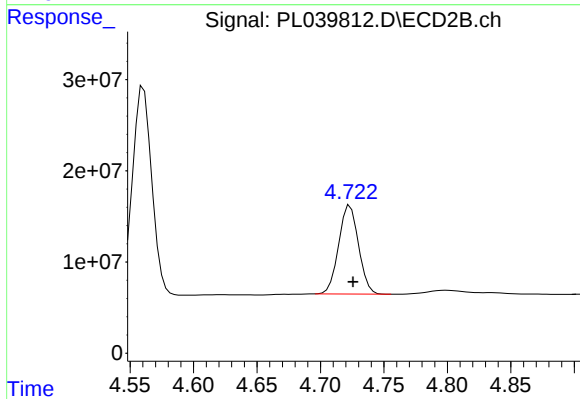
#5 Aldrin

R.T.: 5.368 min  
Delta R.T.: -0.004 min  
Response: 213156466  
Conc: 60.21 ng/ml



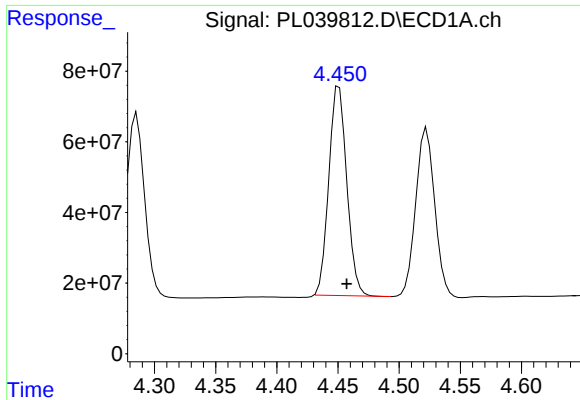
#6 beta-BHC

R.T.: 4.259 min  
Delta R.T.: -0.005 min  
Response: 240926176  
Conc: 51.86 ng/ml



#6 beta-BHC

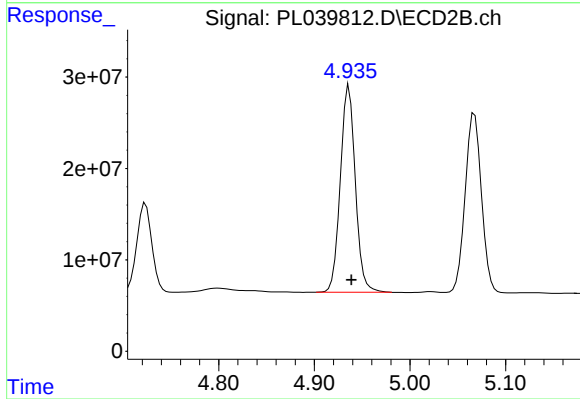
R.T.: 4.723 min  
Delta R.T.: -0.002 min  
Response: 105931406  
Conc: 60.48 ng/ml



#7 delta-BHC

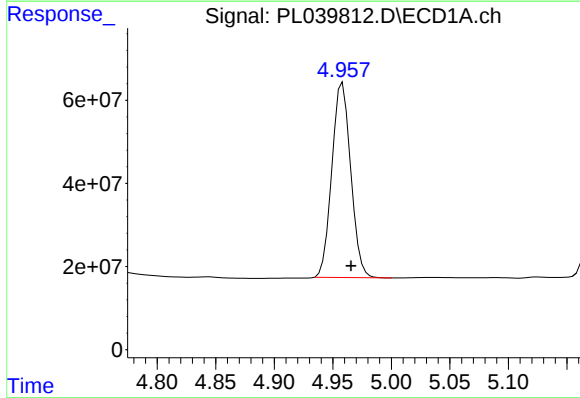
R.T.: 4.451 min  
Delta R.T.: -0.006 min  
Response: 606308233  
Conc: 55.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



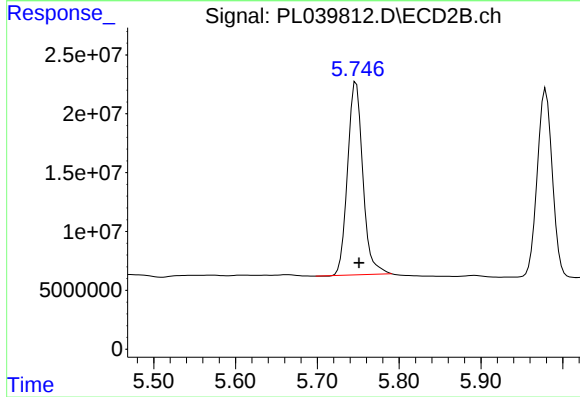
#7 delta-BHC

R.T.: 4.936 min  
Delta R.T.: -0.002 min  
Response: 247140347  
Conc: 62.07 ng/ml



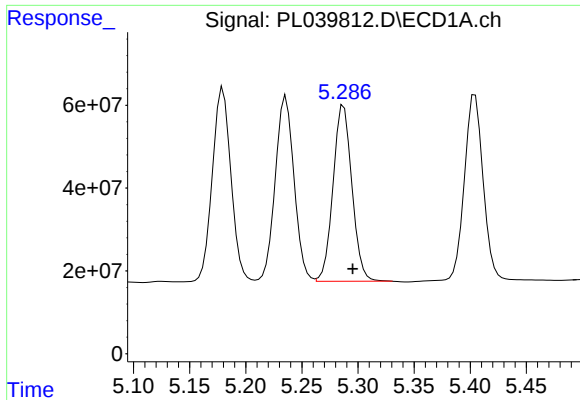
#8 Heptachlor epoxide

R.T.: 4.958 min  
Delta R.T.: -0.007 min  
Response: 525063902  
Conc: 54.98 ng/ml



#8 Heptachlor epoxide

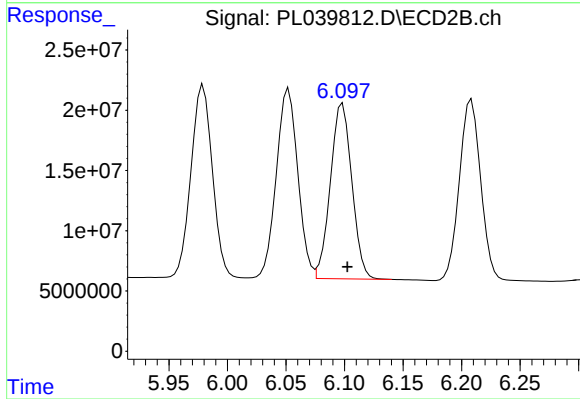
R.T.: 5.747 min  
Delta R.T.: -0.003 min  
Response: 211459820  
Conc: 62.88 ng/ml



#9 Endosulfan I

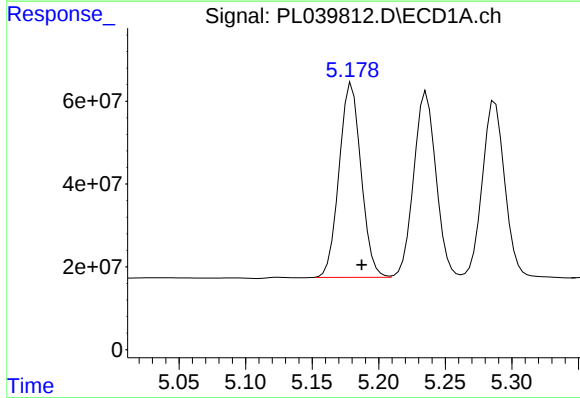
R.T.: 5.287 min  
Delta R.T.: -0.008 min  
Response: 497833121  
Conc: 56.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



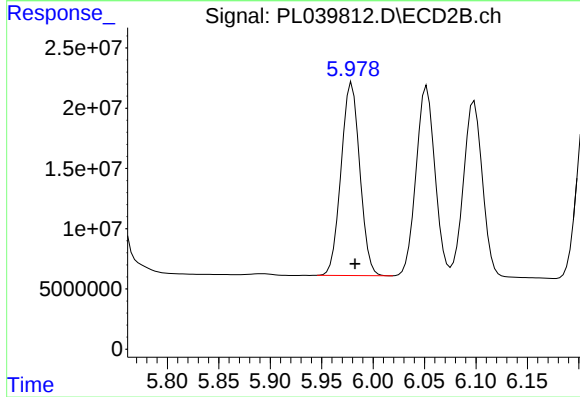
#9 Endosulfan I

R.T.: 6.098 min  
Delta R.T.: -0.004 min  
Response: 185864987  
Conc: 63.36 ng/ml



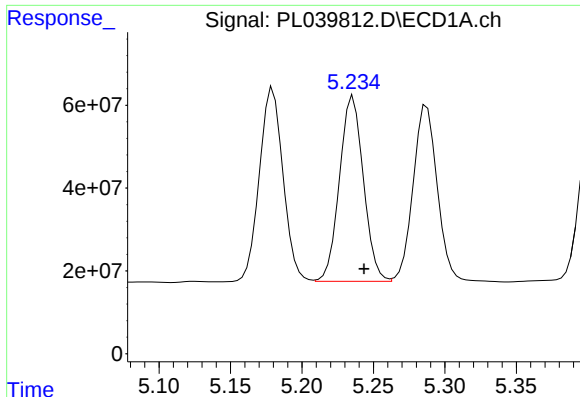
#10 gamma-Chlordane

R.T.: 5.180 min  
Delta R.T.: -0.007 min  
Response: 538313896  
Conc: 54.50 ng/ml



#10 gamma-Chlordane

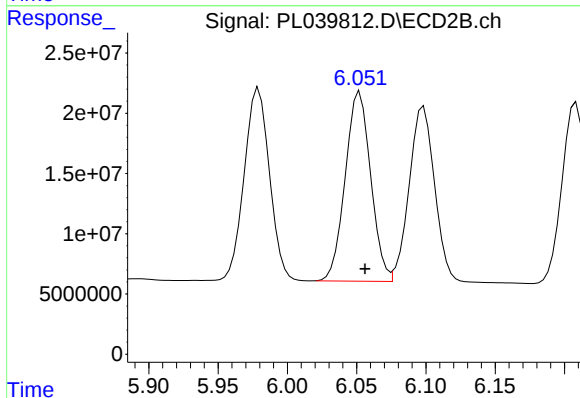
R.T.: 5.979 min  
Delta R.T.: -0.003 min  
Response: 203048697  
Conc: 62.74 ng/ml



#11 alpha-Chlordane

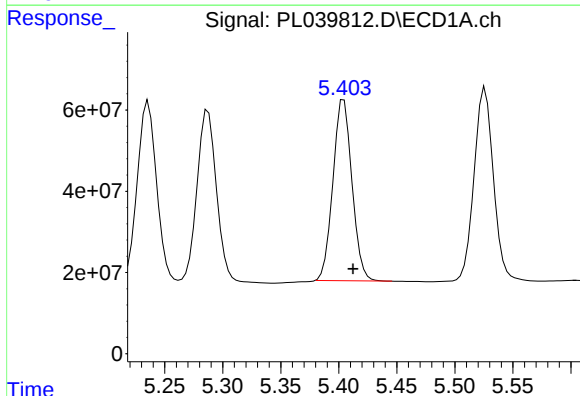
R.T.: 5.236 min  
Delta R.T.: -0.008 min  
Response: 521814479  
Conc: 54.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



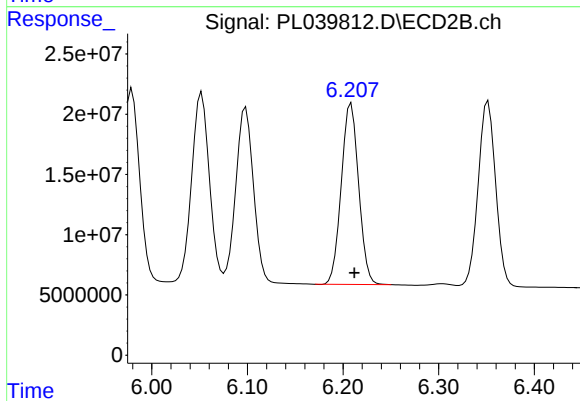
#11 alpha-Chlordane

R.T.: 6.052 min  
Delta R.T.: -0.004 min  
Response: 201493942  
Conc: 62.29 ng/ml



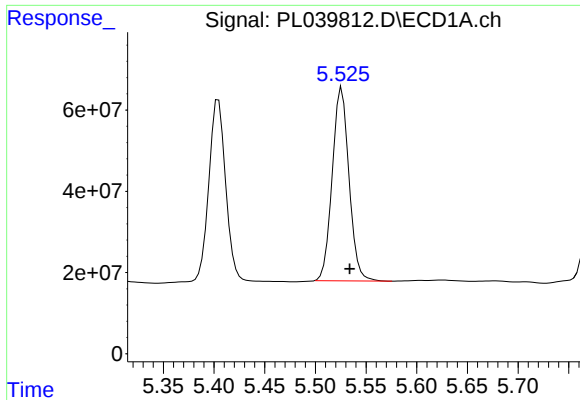
#12 4,4'-DDE

R.T.: 5.404 min  
Delta R.T.: -0.008 min  
Response: 509698287  
Conc: 53.23 ng/ml



#12 4,4'-DDE

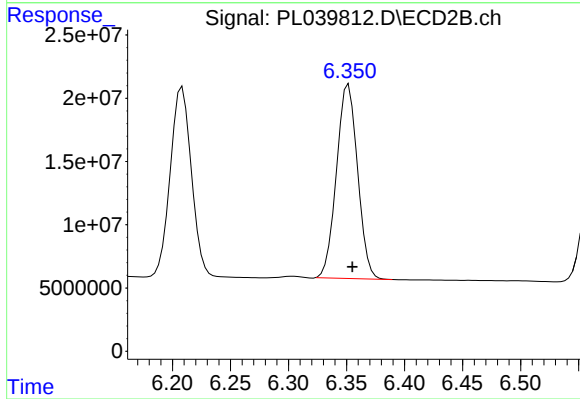
R.T.: 6.208 min  
Delta R.T.: -0.003 min  
Response: 190216620  
Conc: 61.52 ng/ml



#13 Dieldrin

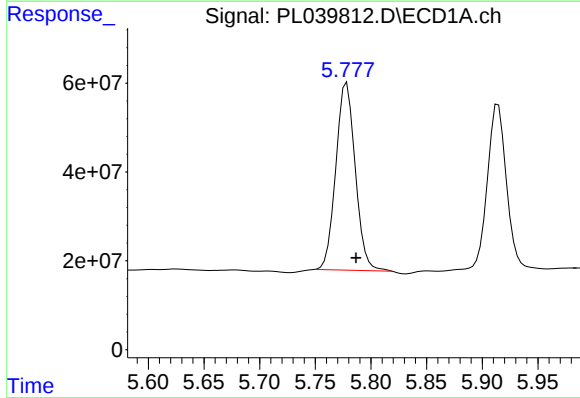
R.T.: 5.526 min  
Delta R.T.: -0.008 min  
Response: 548867845  
Conc: 56.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



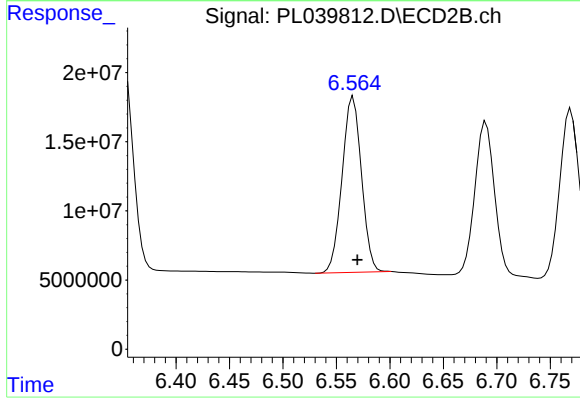
#13 Dieldrin

R.T.: 6.352 min  
Delta R.T.: -0.003 min  
Response: 194058351  
Conc: 64.06 ng/ml



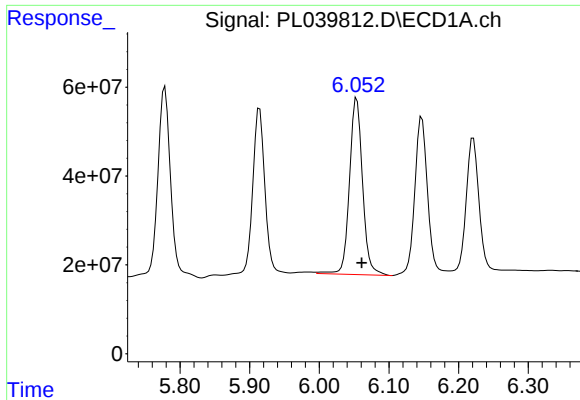
#14 Endrin

R.T.: 5.778 min  
Delta R.T.: -0.008 min  
Response: 511597878  
Conc: 57.16 ng/ml



#14 Endrin

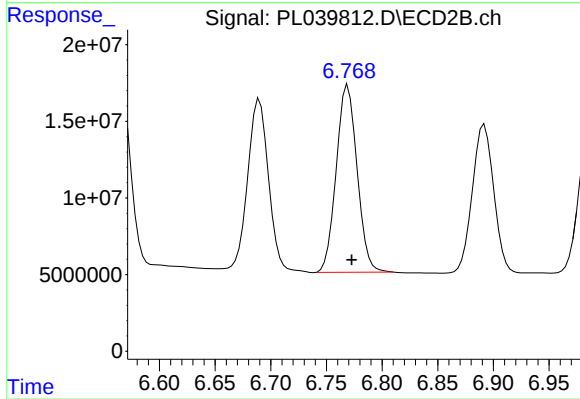
R.T.: 6.566 min  
Delta R.T.: -0.004 min  
Response: 160678747  
Conc: 62.49 ng/ml



#15 Endosulfan II

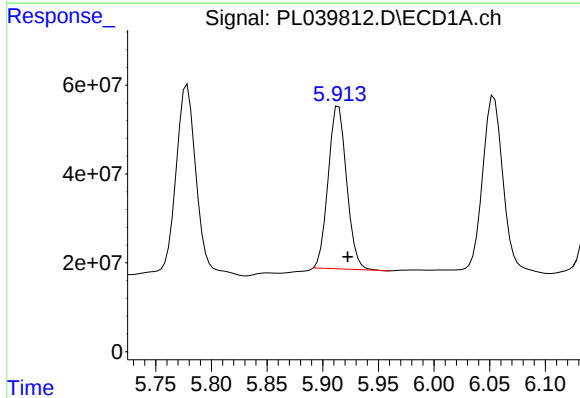
R.T.: 6.054 min  
Delta R.T.: -0.007 min  
Response: 520029414  
Conc: 59.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



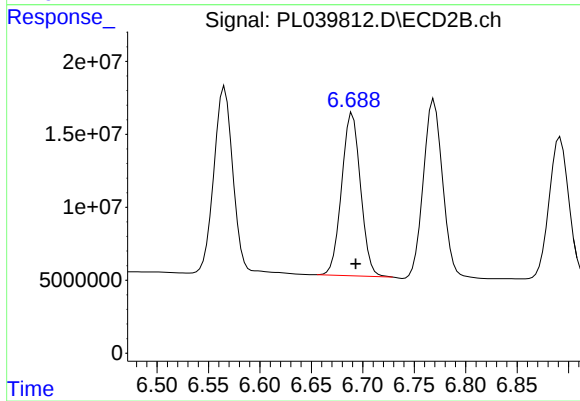
#15 Endosulfan II

R.T.: 6.769 min  
Delta R.T.: -0.004 min  
Response: 159372809  
Conc: 62.05 ng/ml



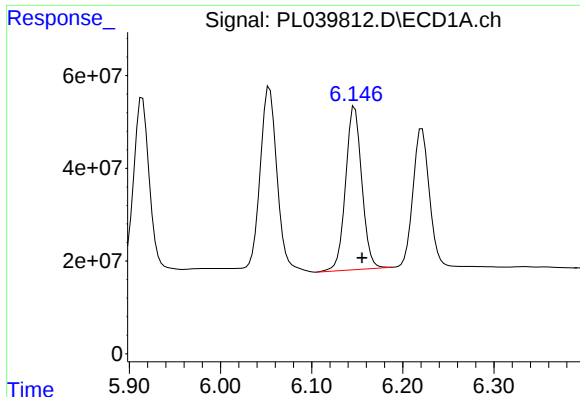
#16 4,4'-DDD

R.T.: 5.914 min  
Delta R.T.: -0.008 min  
Response: 420891183  
Conc: 52.81 ng/ml



#16 4,4'-DDD

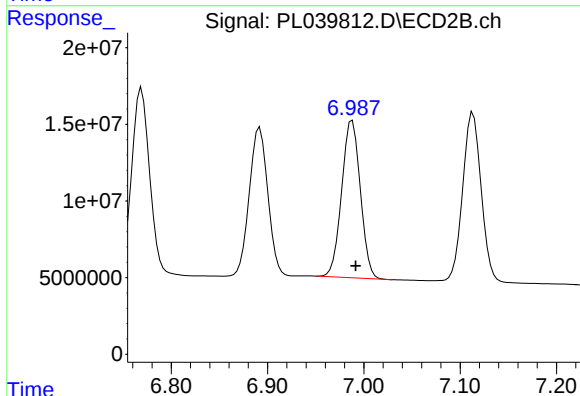
R.T.: 6.690 min  
Delta R.T.: -0.003 min  
Response: 142737444  
Conc: 63.74 ng/ml



#17 4,4'-DDT

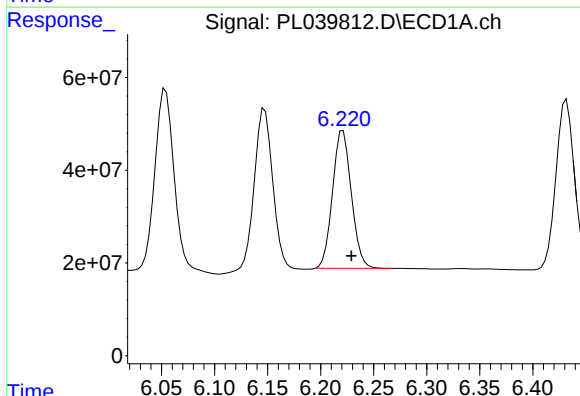
R.T.: 6.147 min  
Delta R.T.: -0.008 min  
Response: 434784459  
Conc: 57.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



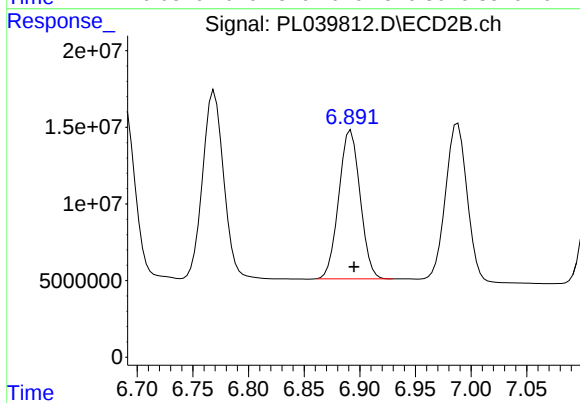
#17 4,4'-DDT

R.T.: 6.988 min  
Delta R.T.: -0.003 min  
Response: 137801328  
Conc: 58.54 ng/ml



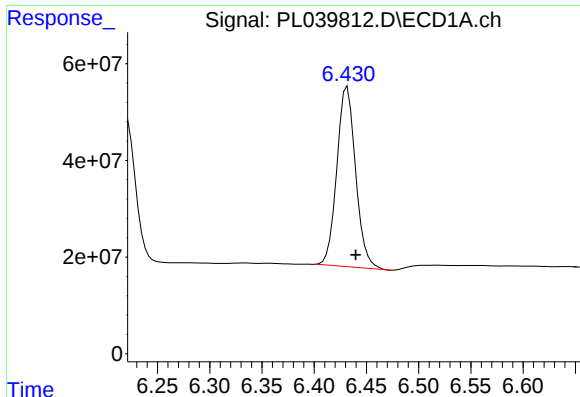
#18 Endrin aldehyde

R.T.: 6.221 min  
Delta R.T.: -0.008 min  
Response: 367136454  
Conc: 54.17 ng/ml



#18 Endrin aldehyde

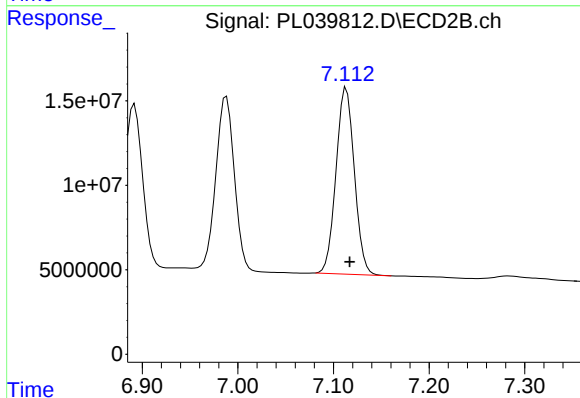
R.T.: 6.892 min  
Delta R.T.: -0.003 min  
Response: 129441254  
Conc: 59.61 ng/ml



#19 Endosulfan Sulfate

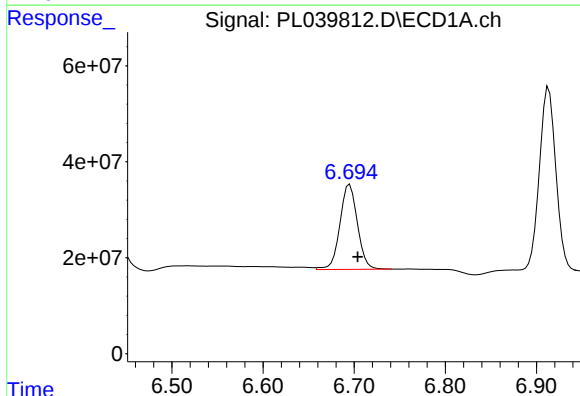
R.T.: 6.432 min  
Delta R.T.: -0.008 min  
Response: 465598509  
Conc: 57.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



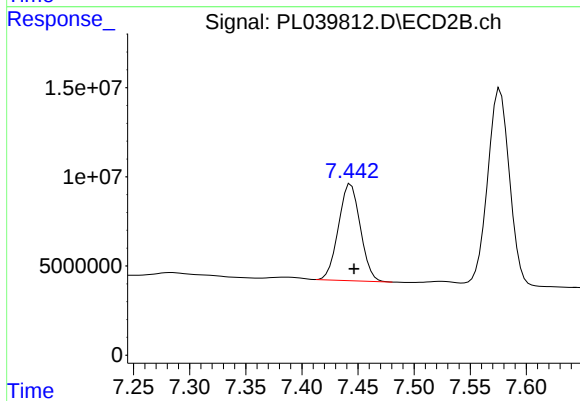
#19 Endosulfan Sulfate

R.T.: 7.113 min  
Delta R.T.: -0.004 min  
Response: 146966210  
Conc: 61.30 ng/ml



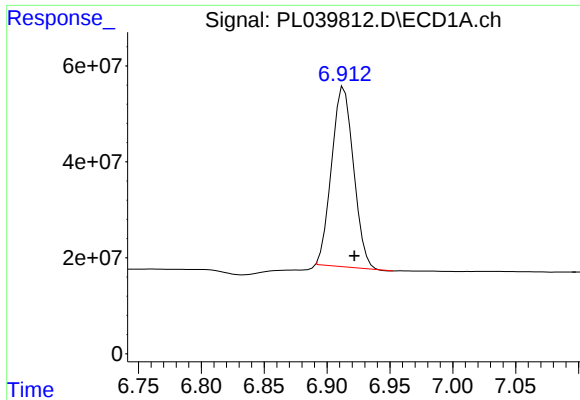
#20 Methoxychlor

R.T.: 6.695 min  
Delta R.T.: -0.009 min  
Response: 235666861  
Conc: 57.59 ng/ml



#20 Methoxychlor

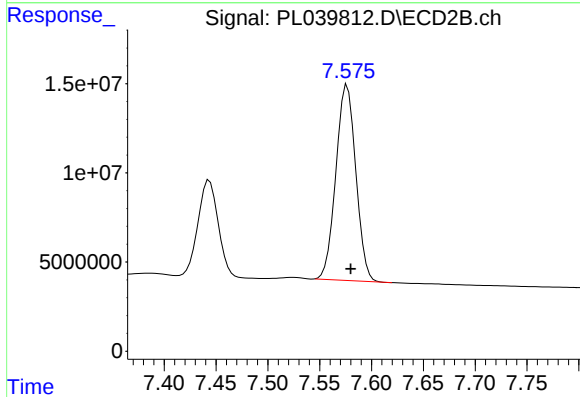
R.T.: 7.444 min  
Delta R.T.: -0.003 min  
Response: 73235173  
Conc: 59.13 ng/ml



#21 Endrin ketone

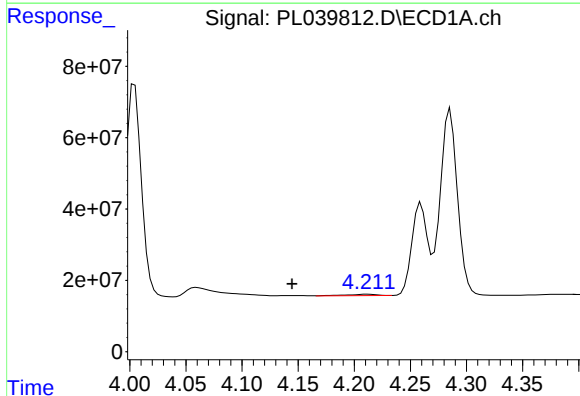
R.T.: 6.914 min  
Delta R.T.: -0.008 min  
Response: 455393205  
Conc: 52.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



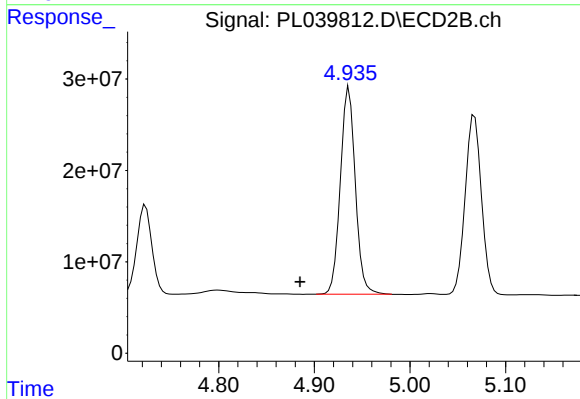
#21 Endrin ketone

R.T.: 7.577 min  
Delta R.T.: -0.003 min  
Response: 146637643  
Conc: 59.34 ng/ml



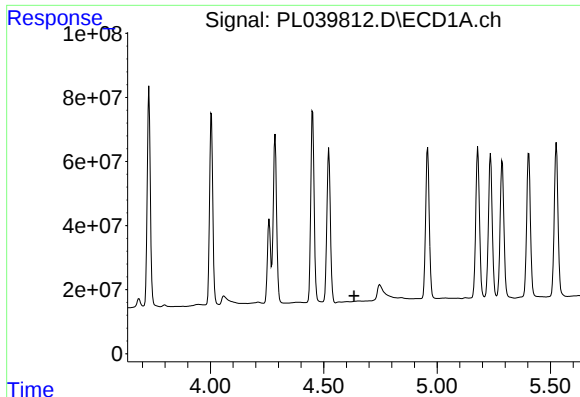
#23 Chlordane-1

R.T.: 4.212 min  
Delta R.T.: 0.067 min  
Response: 7613830  
Conc: 24.05 ng/ml



#23 Chlordane-1

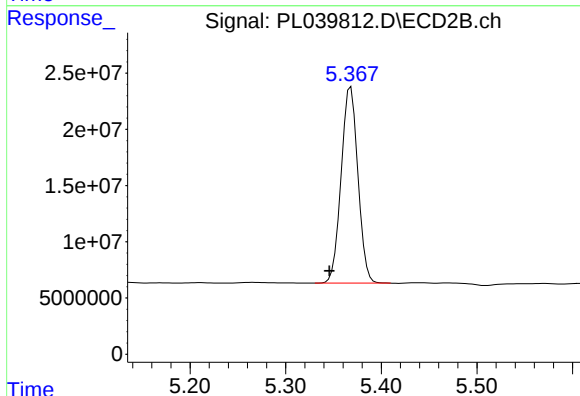
R.T.: 4.936 min  
Delta R.T.: 0.051 min  
Response: 247140347  
Conc: 1978.15 ng/ml



#24 Chlordane-2

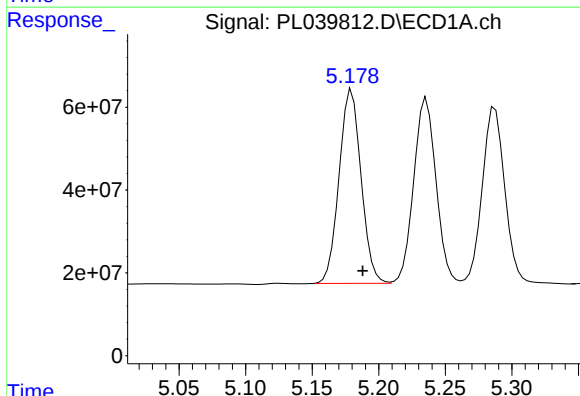
R.T.: 0.000 min  
Exp R.T.: 4.635 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



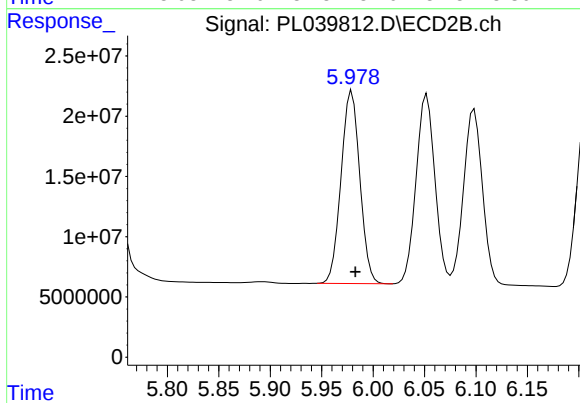
#24 Chlordane-2

R.T.: 5.368 min  
Delta R.T.: 0.022 min  
Response: 213156466  
Conc: 1682.84 ng/ml



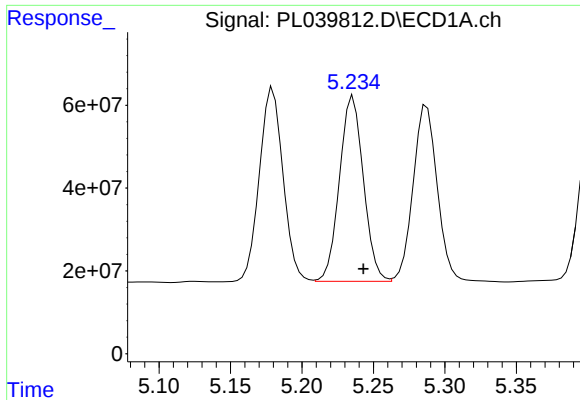
#25 Chlordane-3

R.T.: 5.180 min  
Delta R.T.: -0.008 min  
Response: 538313896  
Conc: 492.84 ng/ml



#25 Chlordane-3

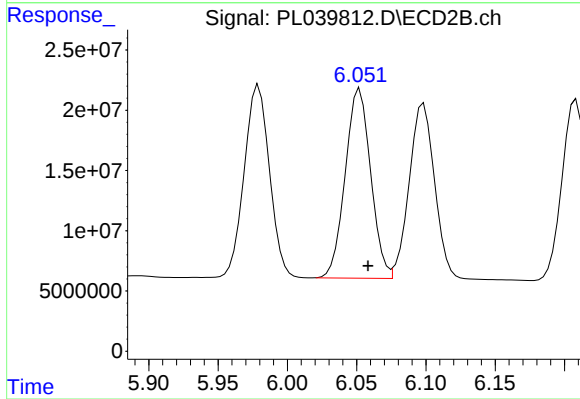
R.T.: 5.979 min  
Delta R.T.: -0.004 min  
Response: 203048697  
Conc: 471.80 ng/ml



#26 Chlordane-4

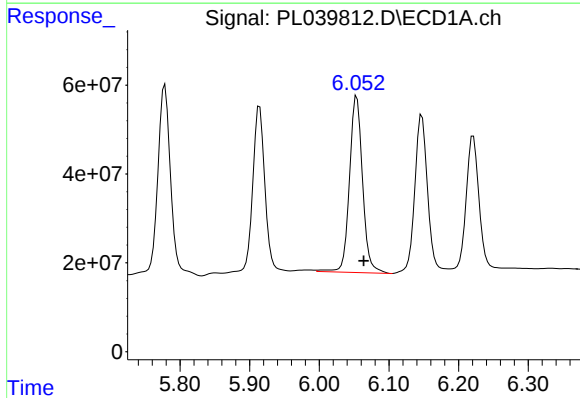
R.T.: 5.236 min  
Delta R.T.: -0.007 min  
Response: 521814479  
Conc: 522.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



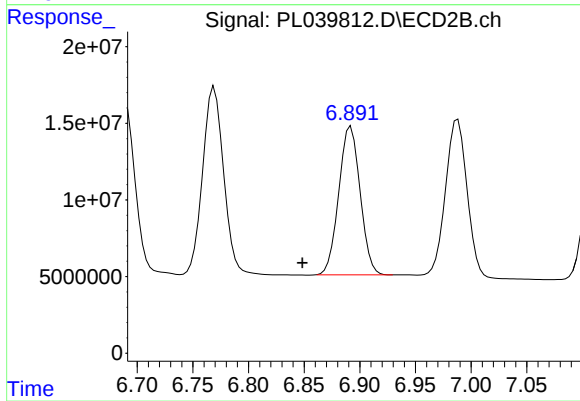
#26 Chlordane-4

R.T.: 6.052 min  
Delta R.T.: -0.006 min  
Response: 201493942  
Conc: 388.45 ng/ml



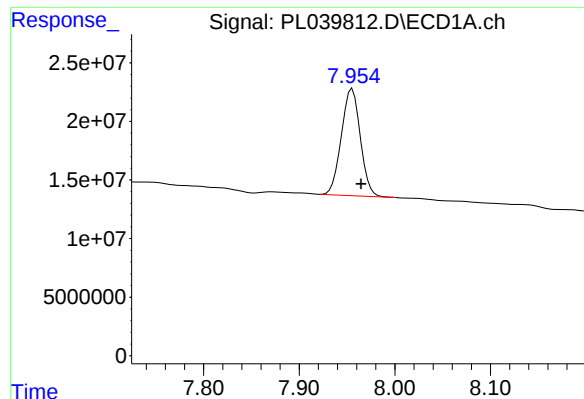
#27 Chlordane-5

R.T.: 6.054 min  
Delta R.T.: -0.010 min  
Response: 520029414  
Conc: 1603.40 ng/ml



#27 Chlordane-5

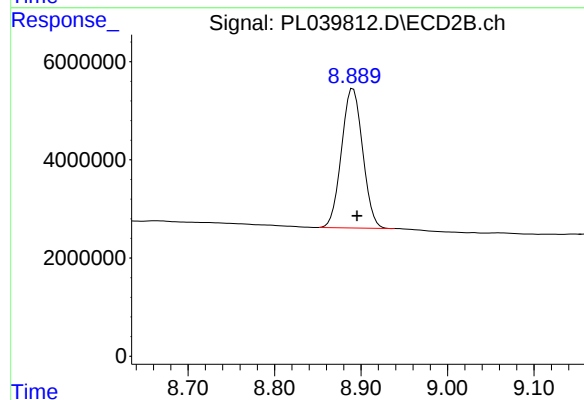
R.T.: 6.892 min  
Delta R.T.: 0.044 min  
Response: 129441254  
Conc: 1399.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.955 min  
Delta R.T.: -0.009 min  
Response: 125760054  
Conc: 17.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.891 min  
Delta R.T.: -0.005 min  
Response: 47955997  
Conc: 20.67 ng/ml