

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032819\  
 Data File : PL046669.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Mar 2019 23:58  
 Operator : AJ\SJ  
 Sample : PB118376BS  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB118376BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 29 01:19:14 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 22 13:40:08 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1  | RT#2   | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|--------|---------|----------|----------|------------|
| -----                       |                 |       |        |         |          |          |            |
| System Monitoring Compounds |                 |       |        |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.358 | 3.977  | 148.7E6 | 49761702 | 20.435   | 21.734     |
| 28)                         | SA Decachlor... | 8.035 | 9.028  | 199.9E6 | 56136378 | 23.766   | 24.213     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.787 | 4.367  | 613.9E6 | 176.8E6  | 52.639   | 55.036     |
| 3)                          | MA gamma-BHC... | 4.064 | 4.651  | 566.7E6 | 165.0E6  | 52.740   | 55.122     |
| 4)                          | MA Heptachlor   | 4.351 | 5.157  | 586.7E6 | 168.7E6  | 53.219   | 54.858     |
| 5)                          | MB Aldrin       | 4.591 | 5.461  | 571.8E6 | 164.9E6  | 55.431   | 57.571     |
| 6)                          | B beta-BHC      | 4.318 | 4.824  | 232.4E6 | 74563451 | 51.628   | 56.245     |
| 7)                          | B delta-BHC     | 4.513 | 5.039  | 533.4E6 | 136.3E6  | 52.690   | 58.724     |
| 8)                          | B Heptachlor... | 5.028 | 5.847  | 532.0E6 | 148.7E6  | 54.540   | 56.383     |
| 9)                          | A Endosulfan I  | 5.360 | 6.203  | 505.8E6 | 145.6E6  | 53.794   | 55.799     |
| 10)                         | B gamma-Chl...  | 5.251 | 6.081  | 548.5E6 | 158.9E6  | 53.399   | 55.994     |
| 11)                         | B alpha-Chl...  | 5.307 | 6.153  | 537.6E6 | 157.8E6  | 53.021   | 55.618     |
| 12)                         | B 4,4'-DDE      | 5.475 | 6.312  | 502.7E6 | 142.0E6  | 54.597   | 57.200     |
| 13)                         | MA Dieldrin     | 5.600 | 6.460  | 545.4E6 | 151.1E6  | 54.347   | 55.736     |
| 14)                         | MA Endrin       | 5.853 | 6.677  | 460.1E6 | 122.1E6  | 48.849   | 51.079     |
| 15)                         | B Endosulfa...  | 6.127 | 6.887  | 477.1E6 | 134.2E6  | 53.252   | 55.631     |
| 16)                         | A 4,4'-DDD      | 5.986 | 6.802  | 430.8E6 | 119.7E6  | 56.994   | 59.507     |
| 17)                         | MA 4,4'-DDT     | 6.221 | 7.099  | 397.9E6 | 111.4E6  | 52.528   | 53.128     |
| 18)                         | B Endrin al...  | 6.294 | 7.011  | 406.6E6 | 118.7E6  | 54.252   | 55.883     |
| 19)                         | B Endosulfa...  | 6.505 | 7.234  | 464.8E6 | 134.3E6  | 56.609   | 56.911     |
| 20)                         | A Methoxychlor  | 6.766 | 7.557  | 212.4E6 | 66503298 | 49.983   | 52.169     |
| 21)                         | B Endrin ke...  | 6.988 | 7.703  | 545.7E6 | 148.6E6  | 59.011   | 59.829     |
| 22)                         | Mirex           | 7.165 | 8.155  | 385.0E6 | 113.1E6  | 52.851   | 56.563     |
| 24)                         | Chlordane-2     | 0.000 | 5.461f | 0       | 164.9E6  | N.D.     | 1412.046 # |
| 25)                         | Chlordane-3     | 5.251 | 6.081  | 548.5E6 | 158.9E6  | 492.556  | 416.810    |
| 26)                         | Chlordane-4     | 5.307 | 6.153  | 537.6E6 | 157.8E6  | 519.877  | 341.921 #  |
| 27)                         | Chlordane-5     | 6.127 | 0.000  | 477.1E6 | 0        | 1398.077 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

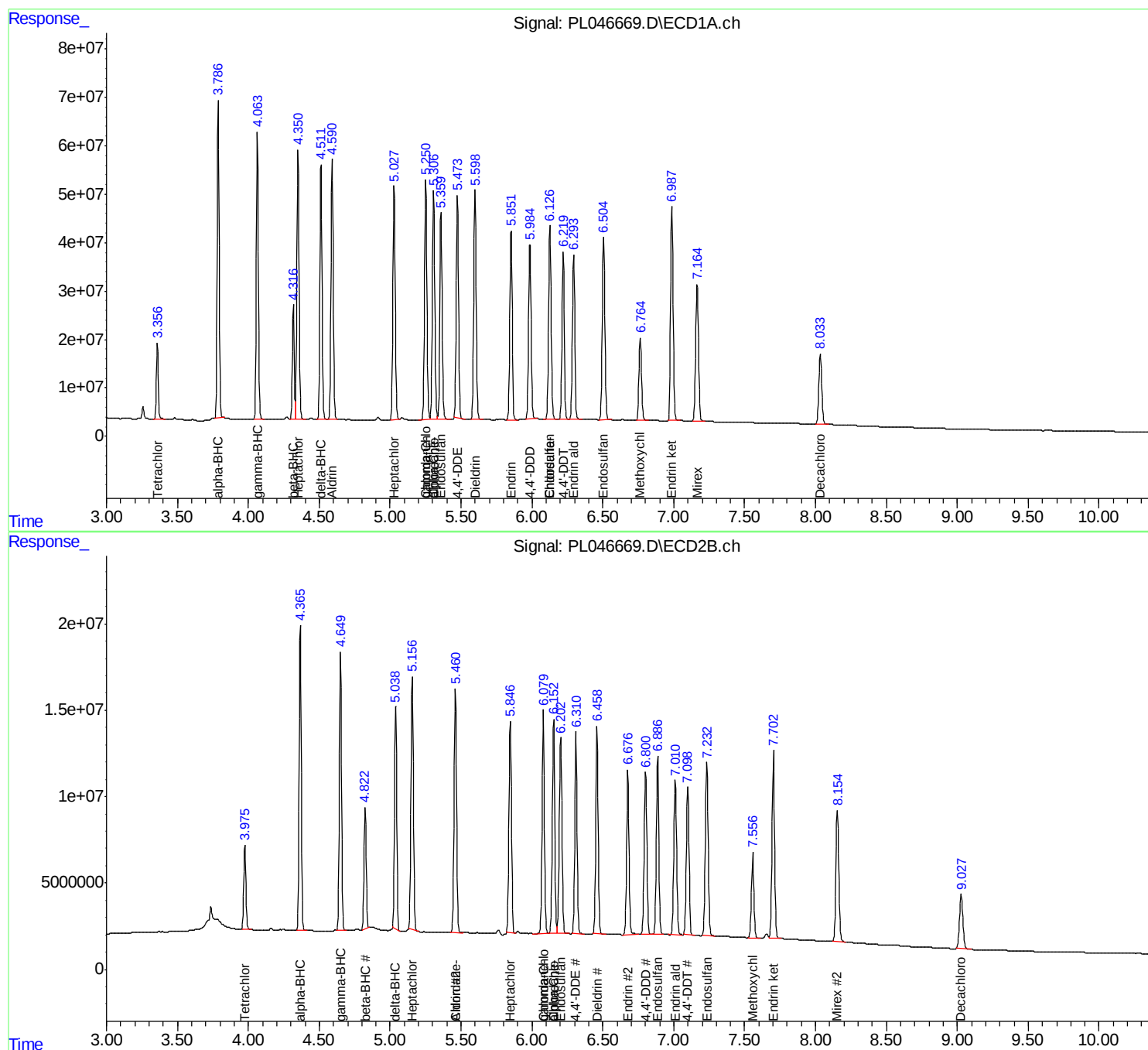
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

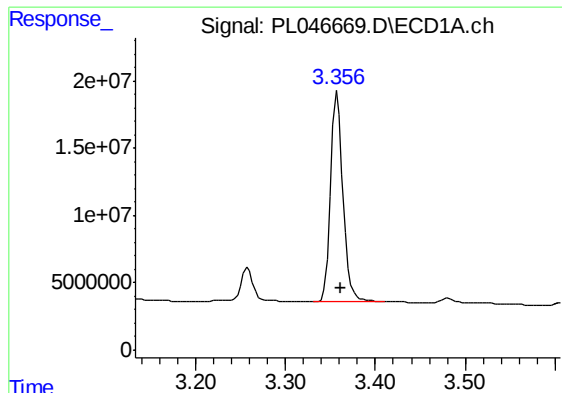
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032819\  
Data File : PL046669.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Mar 2019 23:58  
Operator : AJ\SJ  
Sample : PB118376BS  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB118376BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 29 01:19:14 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

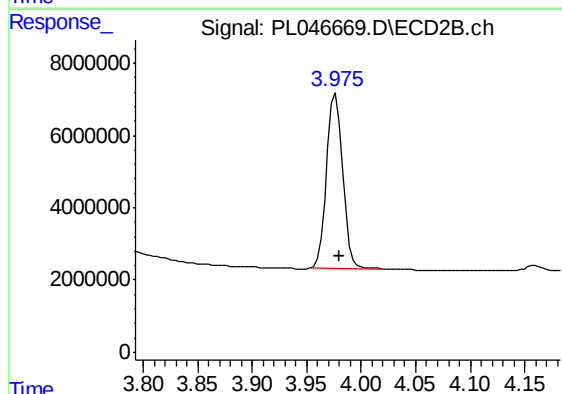




#1 Tetrachloro-m-xylene

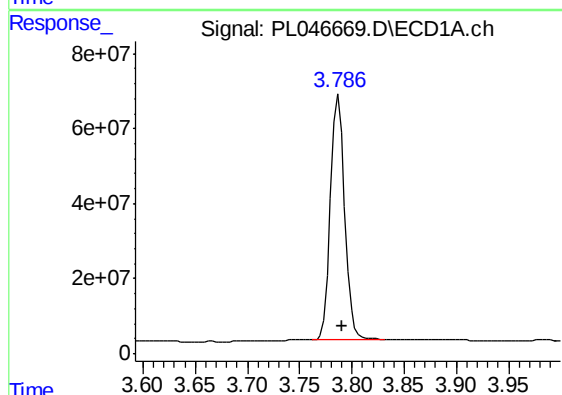
R.T.: 3.358 min  
Delta R.T.: -0.003 min  
Response: 148653997  
Conc: 20.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118376BS



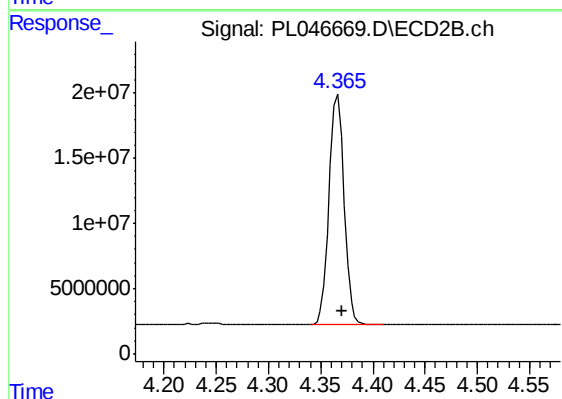
#1 Tetrachloro-m-xylene

R.T.: 3.977 min  
Delta R.T.: -0.004 min  
Response: 49761702  
Conc: 21.73 ng/ml



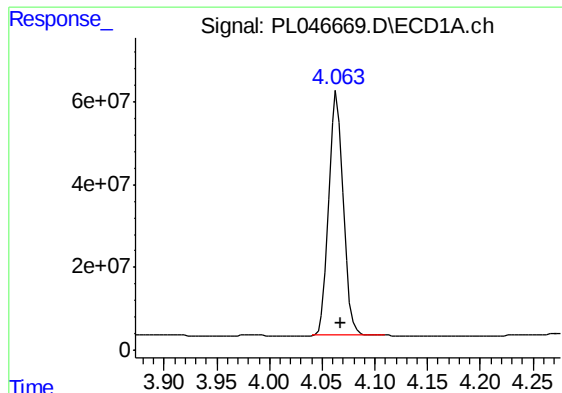
#2 alpha-BHC

R.T.: 3.787 min  
Delta R.T.: -0.003 min  
Response: 613882231  
Conc: 52.64 ng/ml



#2 alpha-BHC

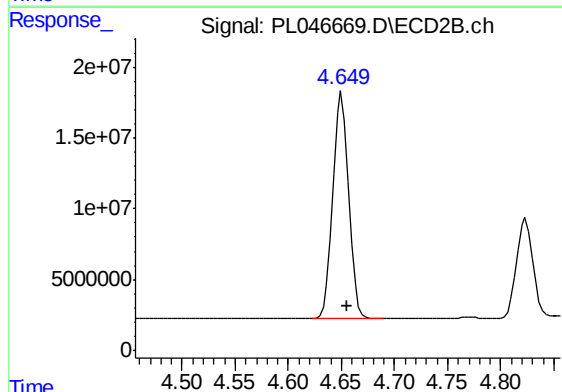
R.T.: 4.367 min  
Delta R.T.: -0.004 min  
Response: 176846108  
Conc: 55.04 ng/ml



#3 gamma-BHC (Lindane)

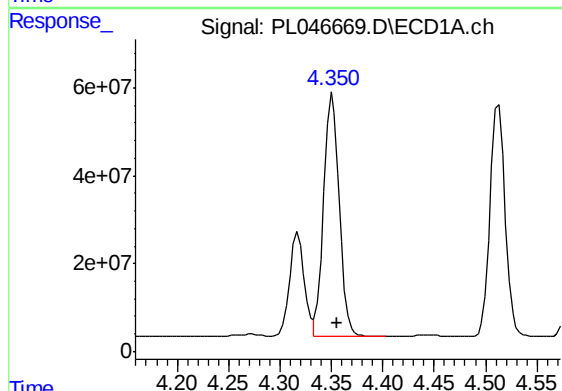
R.T.: 4.064 min  
Delta R.T.: -0.004 min  
Response: 566665423  
Conc: 52.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118376BS



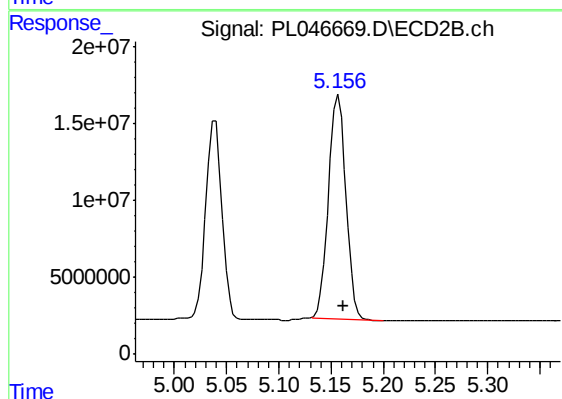
#3 gamma-BHC (Lindane)

R.T.: 4.651 min  
Delta R.T.: -0.005 min  
Response: 164980418  
Conc: 55.12 ng/ml



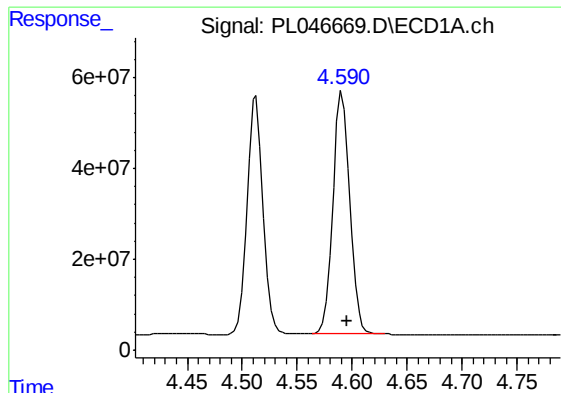
#4 Heptachlor

R.T.: 4.351 min  
Delta R.T.: -0.005 min  
Response: 586745325  
Conc: 53.22 ng/ml



#4 Heptachlor

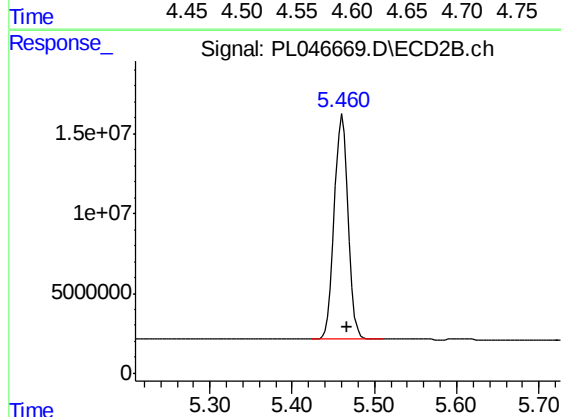
R.T.: 5.157 min  
Delta R.T.: -0.005 min  
Response: 168738266  
Conc: 54.86 ng/ml



#5 Aldrin

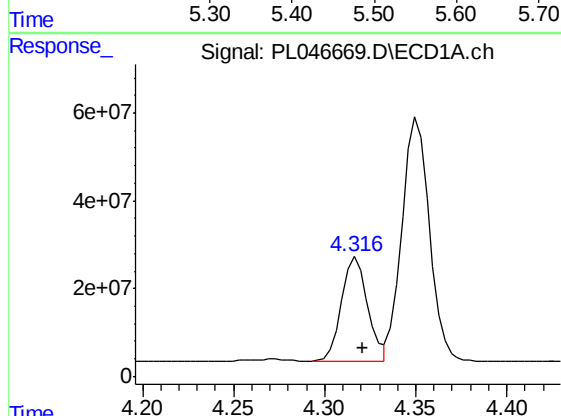
R.T.: 4.591 min  
Delta R.T.: -0.004 min  
Response: 571771835  
Conc: 55.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118376BS



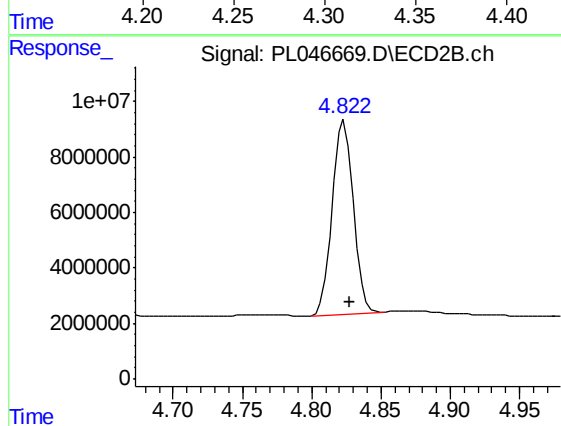
#5 Aldrin

R.T.: 5.461 min  
Delta R.T.: -0.006 min  
Response: 164939994  
Conc: 57.57 ng/ml



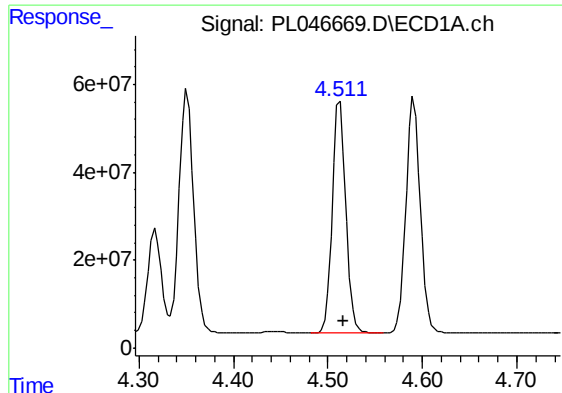
#6 beta-BHC

R.T.: 4.318 min  
Delta R.T.: -0.004 min  
Response: 232449311  
Conc: 51.63 ng/ml



#6 beta-BHC

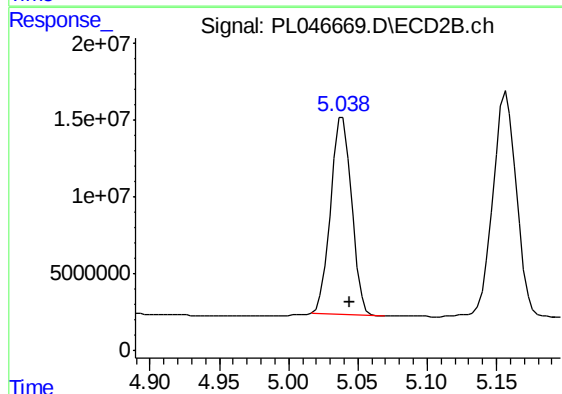
R.T.: 4.824 min  
Delta R.T.: -0.004 min  
Response: 74563451  
Conc: 56.24 ng/ml



#7 delta-BHC

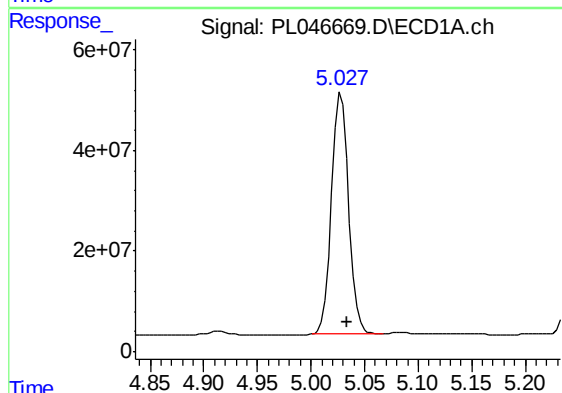
R.T.: 4.513 min  
Delta R.T.: -0.004 min  
Response: 533381119  
Conc: 52.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118376BS



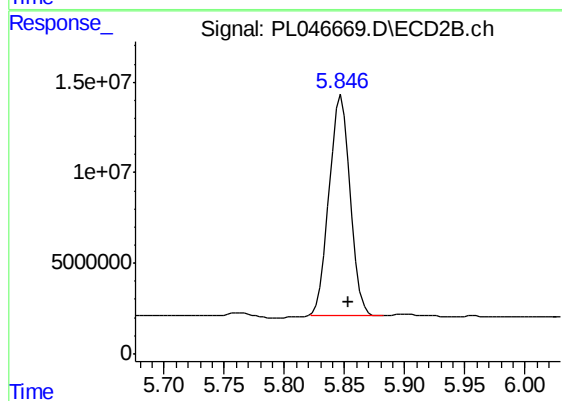
#7 delta-BHC

R.T.: 5.039 min  
Delta R.T.: -0.005 min  
Response: 136251061  
Conc: 58.72 ng/ml



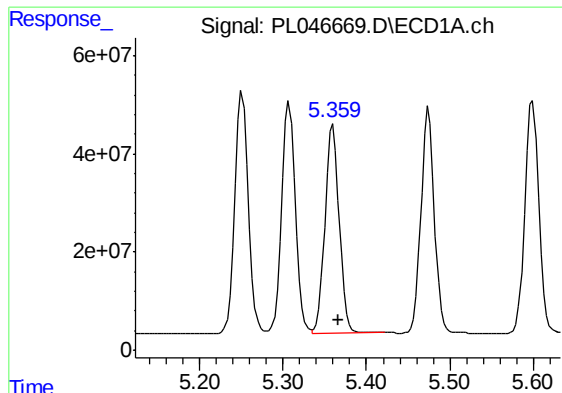
#8 Heptachlor epoxide

R.T.: 5.028 min  
Delta R.T.: -0.005 min  
Response: 531961012  
Conc: 54.54 ng/ml



#8 Heptachlor epoxide

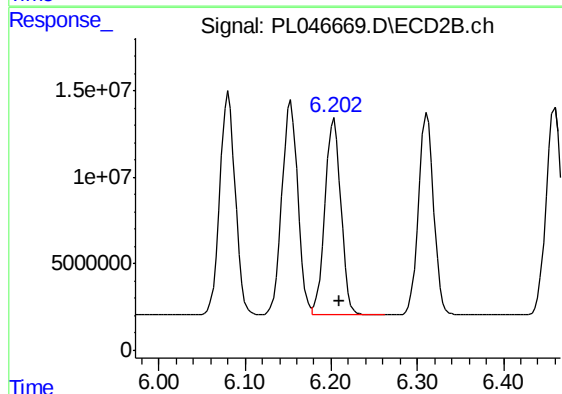
R.T.: 5.847 min  
Delta R.T.: -0.006 min  
Response: 148692831  
Conc: 56.38 ng/ml



#9 Endosulfan I

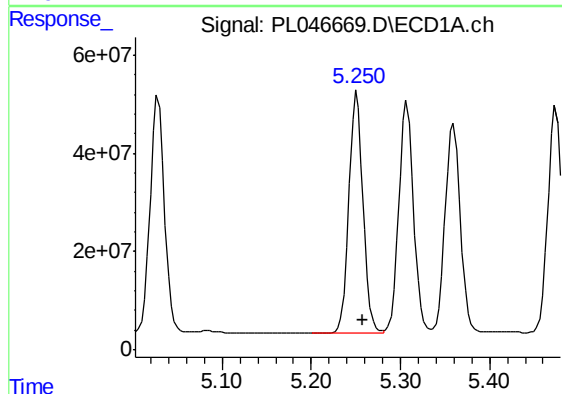
R.T.: 5.360 min  
Delta R.T.: -0.006 min  
Response: 505789806  
Conc: 53.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118376BS



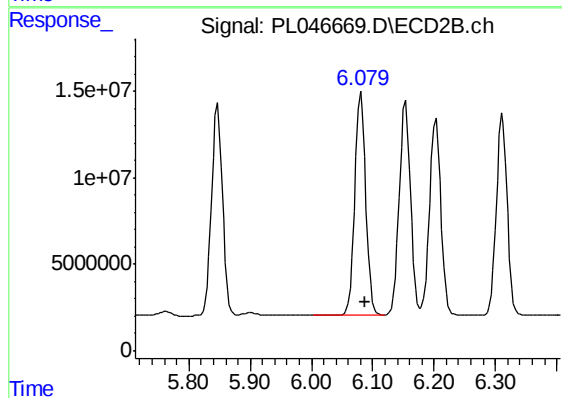
#9 Endosulfan I

R.T.: 6.203 min  
Delta R.T.: -0.007 min  
Response: 145629110  
Conc: 55.80 ng/ml



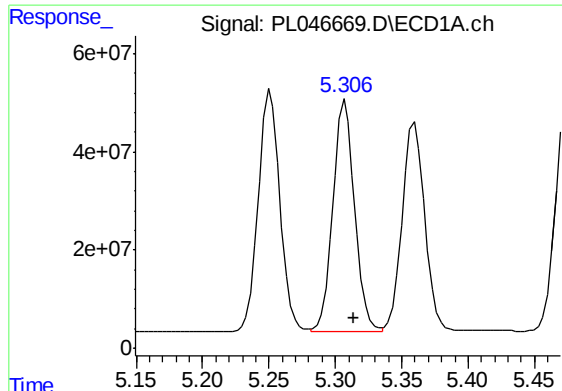
#10 gamma-Chlordane

R.T.: 5.251 min  
Delta R.T.: -0.006 min  
Response: 548546375  
Conc: 53.40 ng/ml



#10 gamma-Chlordane

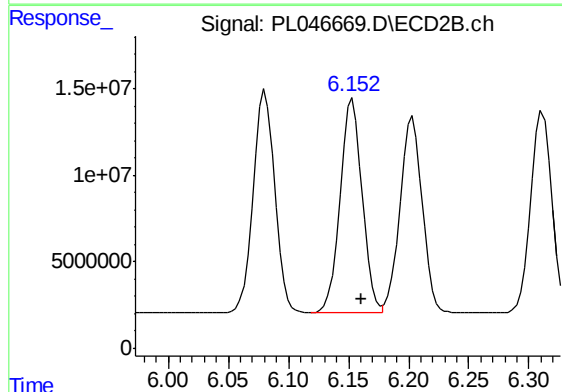
R.T.: 6.081 min  
Delta R.T.: -0.007 min  
Response: 158916161  
Conc: 55.99 ng/ml



#11 alpha-Chlordane

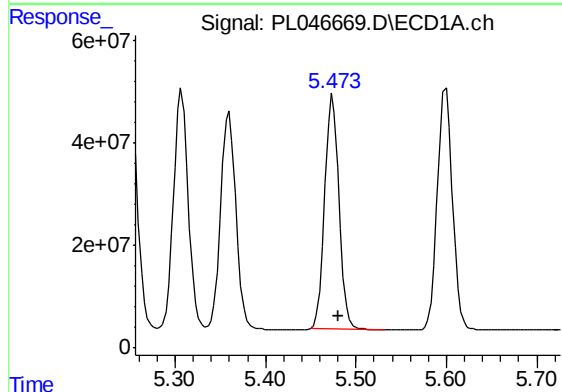
R.T.: 5.307 min  
Delta R.T.: -0.007 min  
Response: 537583694  
Conc: 53.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118376BS



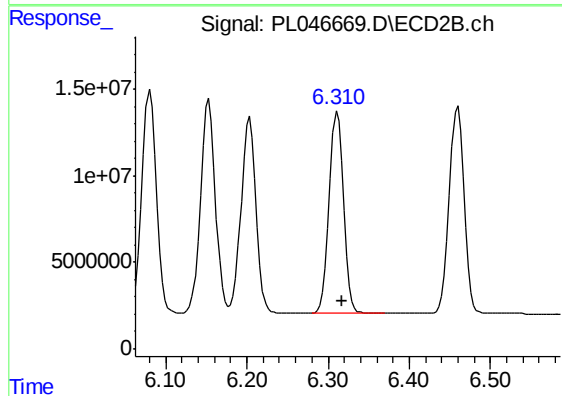
#11 alpha-Chlordane

R.T.: 6.153 min  
Delta R.T.: -0.007 min  
Response: 157770747  
Conc: 55.62 ng/ml



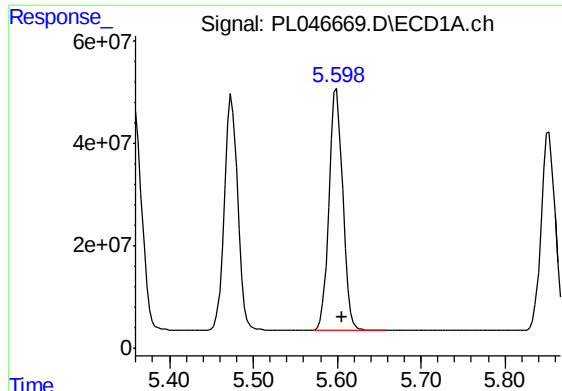
#12 4,4'-DDE

R.T.: 5.475 min  
Delta R.T.: -0.006 min  
Response: 502668133  
Conc: 54.60 ng/ml



#12 4,4'-DDE

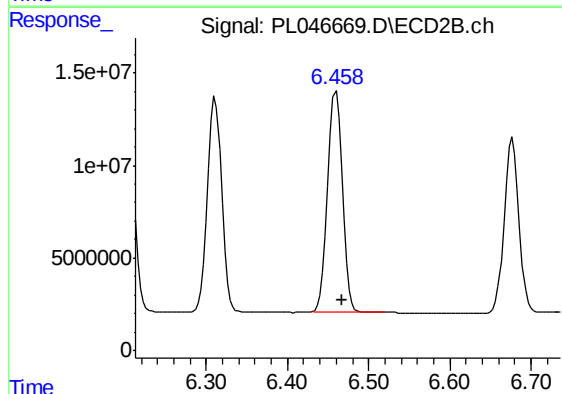
R.T.: 6.312 min  
Delta R.T.: -0.006 min  
Response: 141989401  
Conc: 57.20 ng/ml



#13 Dielddrin

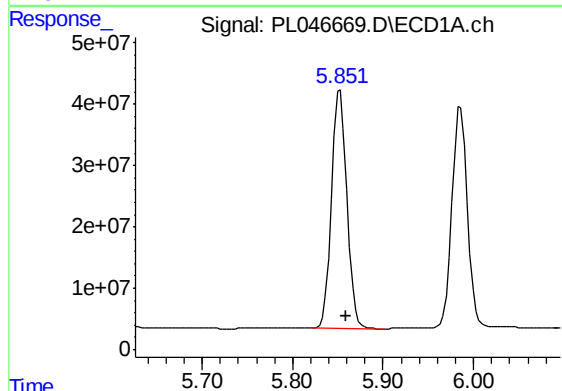
R.T.: 5.600 min  
Delta R.T.: -0.007 min  
Response: 545404056  
Conc: 54.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118376BS



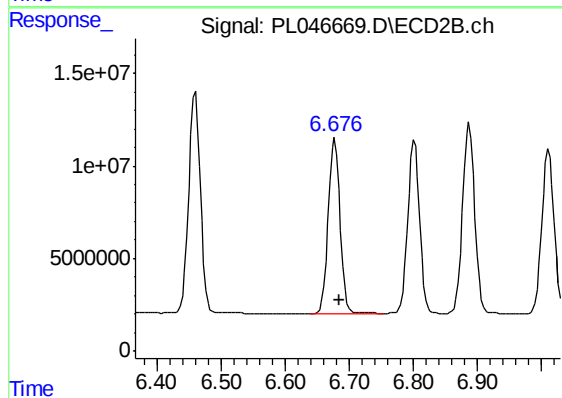
#13 Dielddrin

R.T.: 6.460 min  
Delta R.T.: -0.007 min  
Response: 151082156  
Conc: 55.74 ng/ml



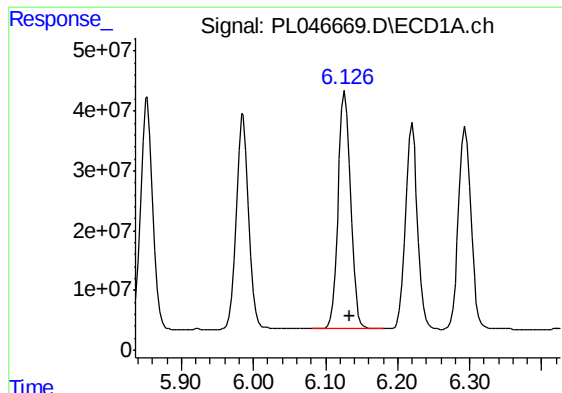
#14 Endrin

R.T.: 5.853 min  
Delta R.T.: -0.007 min  
Response: 460118571  
Conc: 48.85 ng/ml



#14 Endrin

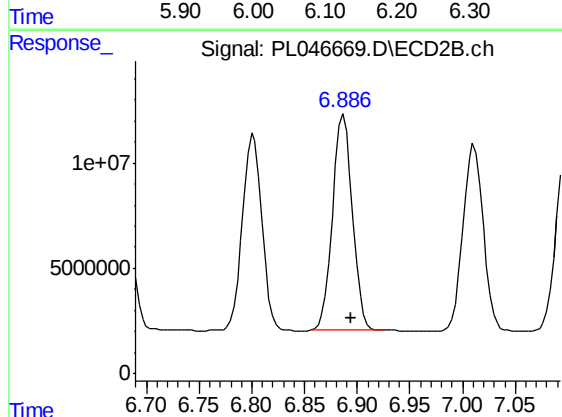
R.T.: 6.677 min  
Delta R.T.: -0.007 min  
Response: 122067841  
Conc: 51.08 ng/ml



#15 Endosulfan II

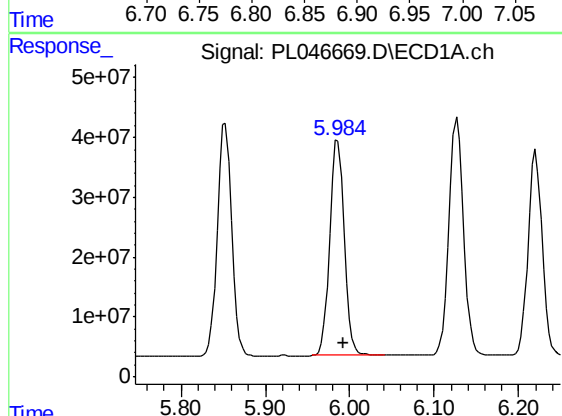
R.T.: 6.127 min  
Delta R.T.: -0.007 min  
Response: 477117741  
Conc: 53.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118376BS



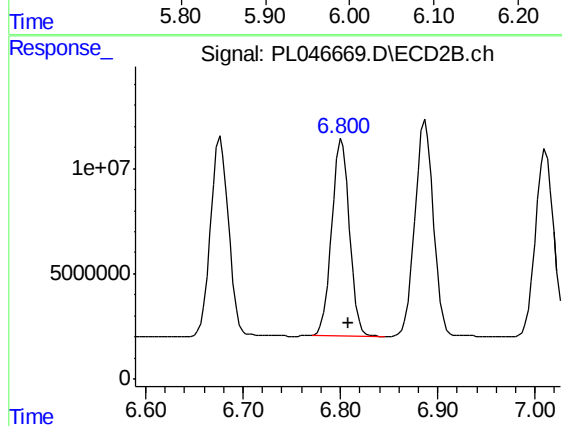
#15 Endosulfan II

R.T.: 6.887 min  
Delta R.T.: -0.007 min  
Response: 134231659  
Conc: 55.63 ng/ml



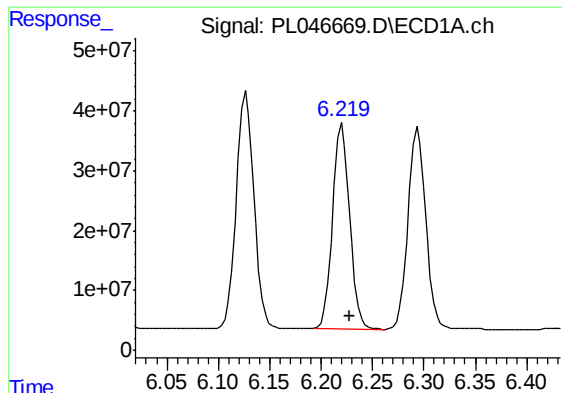
#16 4,4'-DDD

R.T.: 5.986 min  
Delta R.T.: -0.007 min  
Response: 430823468  
Conc: 56.99 ng/ml



#16 4,4'-DDD

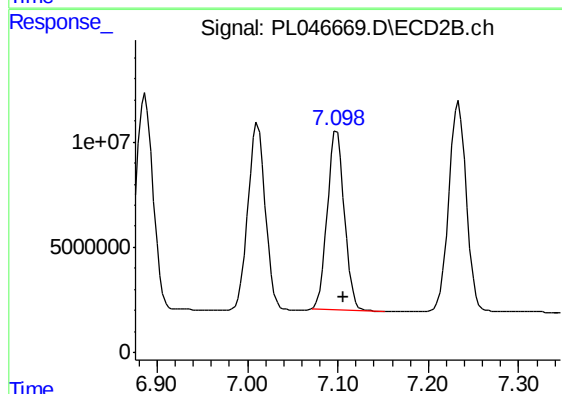
R.T.: 6.802 min  
Delta R.T.: -0.007 min  
Response: 119730331  
Conc: 59.51 ng/ml



#17 4,4'-DDT

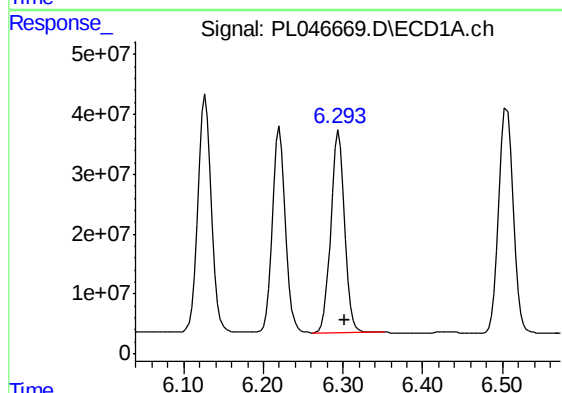
R.T.: 6.221 min  
Delta R.T.: -0.007 min  
Response: 397865008  
Conc: 52.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118376BS



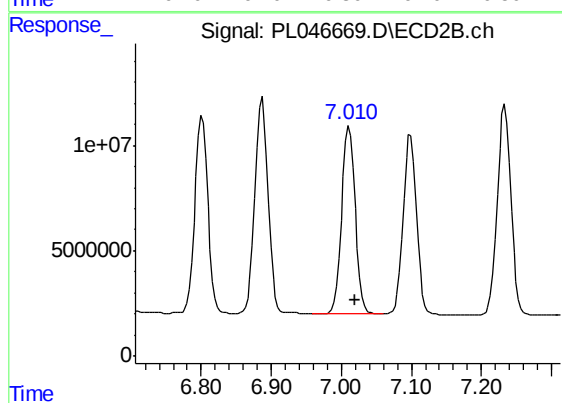
#17 4,4'-DDT

R.T.: 7.099 min  
Delta R.T.: -0.008 min  
Response: 111405932  
Conc: 53.13 ng/ml



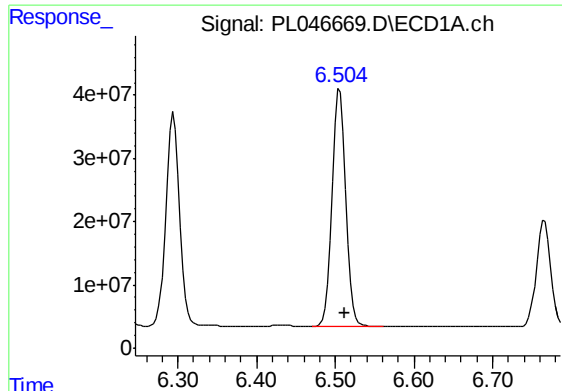
#18 Endrin aldehyde

R.T.: 6.294 min  
Delta R.T.: -0.007 min  
Response: 406628380  
Conc: 54.25 ng/ml



#18 Endrin aldehyde

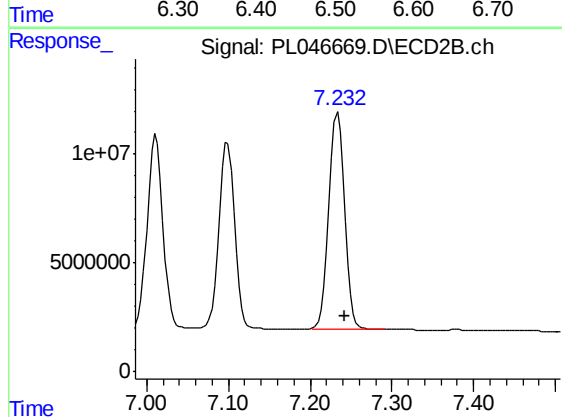
R.T.: 7.011 min  
Delta R.T.: -0.008 min  
Response: 118695555  
Conc: 55.88 ng/ml



#19 Endosulfan Sulfate

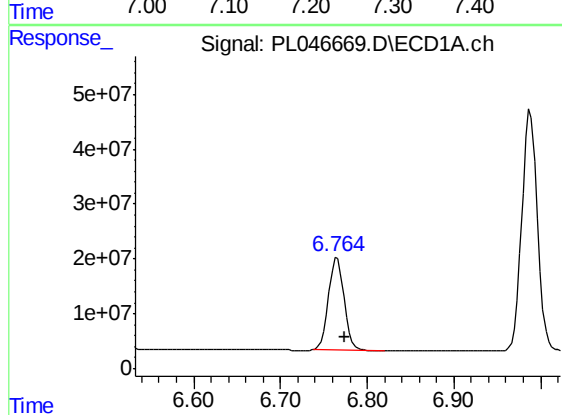
R.T.: 6.505 min  
Delta R.T.: -0.007 min  
Response: 464827181  
Conc: 56.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118376BS



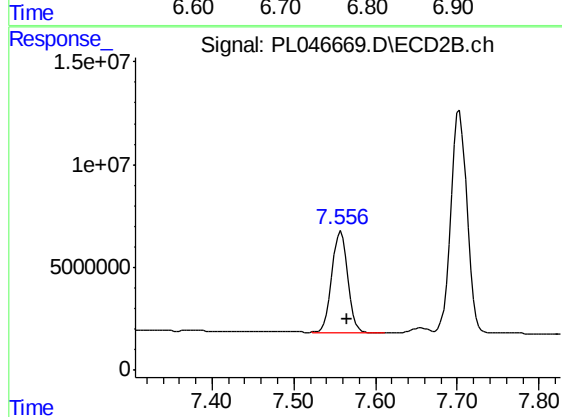
#19 Endosulfan Sulfate

R.T.: 7.234 min  
Delta R.T.: -0.008 min  
Response: 134252296  
Conc: 56.91 ng/ml



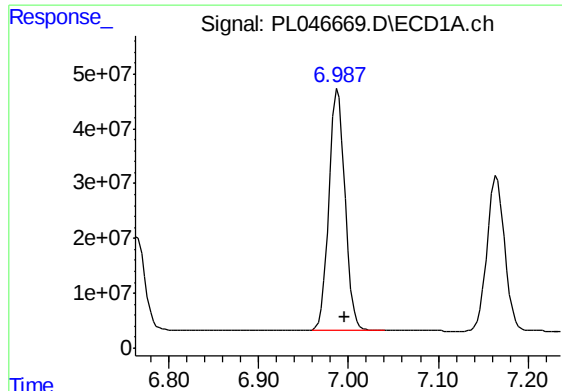
#20 Methoxychlor

R.T.: 6.766 min  
Delta R.T.: -0.008 min  
Response: 212420352  
Conc: 49.98 ng/ml



#20 Methoxychlor

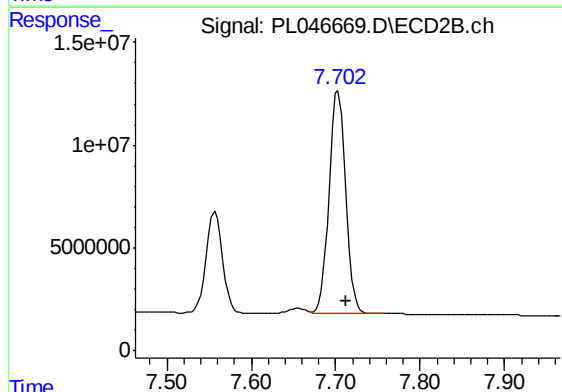
R.T.: 7.557 min  
Delta R.T.: -0.008 min  
Response: 66503298  
Conc: 52.17 ng/ml



#21 Endrin ketone

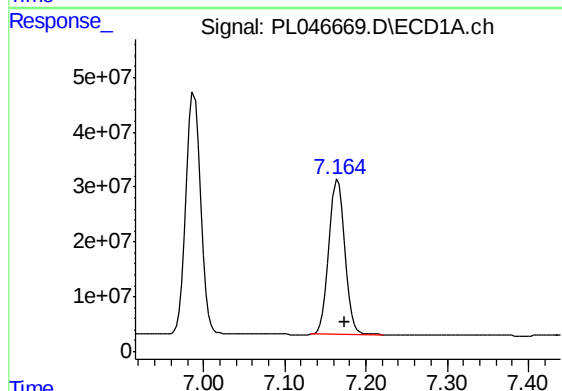
R.T.: 6.988 min  
Delta R.T.: -0.008 min  
Response: 545666480  
Conc: 59.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118376BS



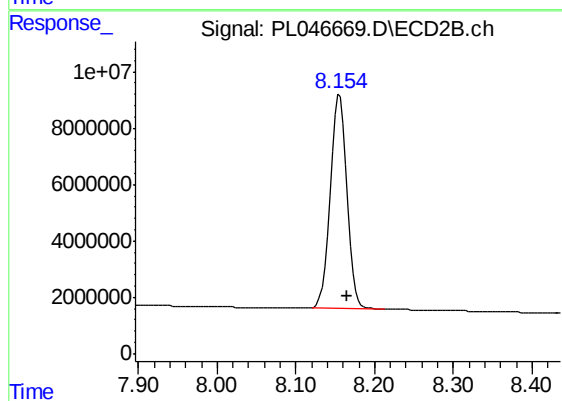
#21 Endrin ketone

R.T.: 7.703 min  
Delta R.T.: -0.009 min  
Response: 148648051  
Conc: 59.83 ng/ml



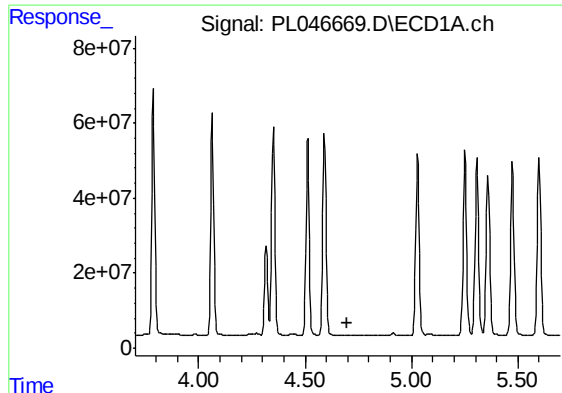
#22 Mirex

R.T.: 7.165 min  
Delta R.T.: -0.008 min  
Response: 385045472  
Conc: 52.85 ng/ml



#22 Mirex

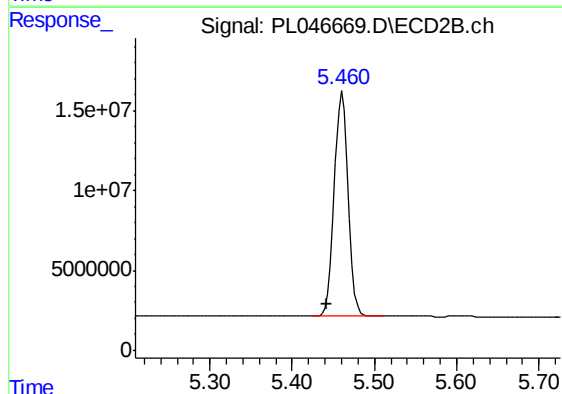
R.T.: 8.155 min  
Delta R.T.: -0.009 min  
Response: 113136355  
Conc: 56.56 ng/ml



#24 Chlordane-2

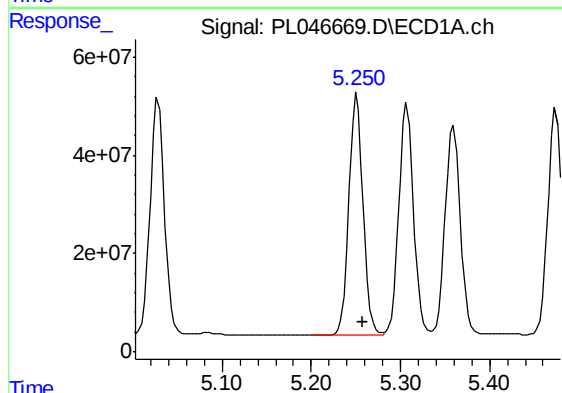
R.T.: 0.000 min  
Exp R.T.: 4.701 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB118376BS



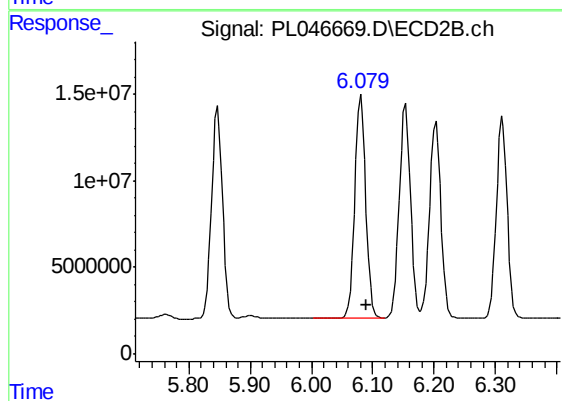
#24 Chlordane-2

R.T.: 5.461 min  
Delta R.T.: 0.018 min  
Response: 164939994  
Conc: 1412.05 ng/ml



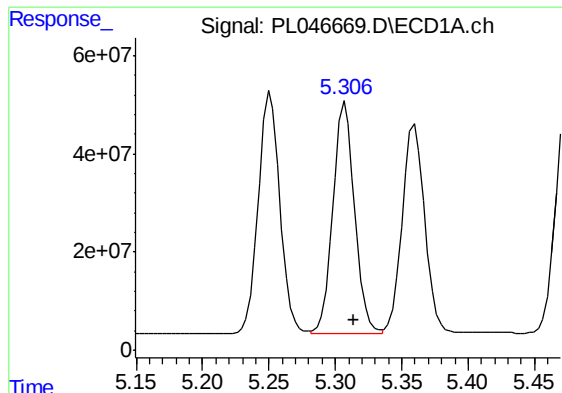
#25 Chlordane-3

R.T.: 5.251 min  
Delta R.T.: -0.007 min  
Response: 548546375  
Conc: 492.56 ng/ml



#25 Chlordane-3

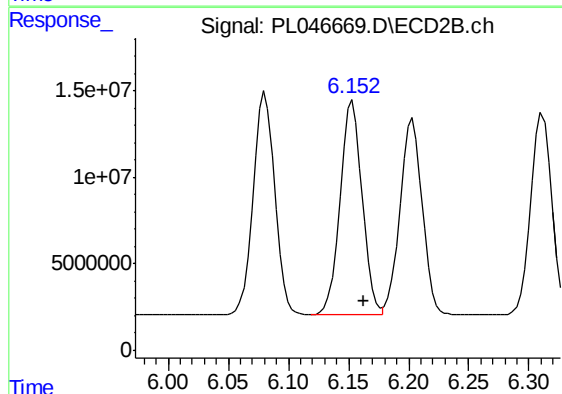
R.T.: 6.081 min  
Delta R.T.: -0.008 min  
Response: 158916161  
Conc: 416.81 ng/ml



#26 Chlordane-4

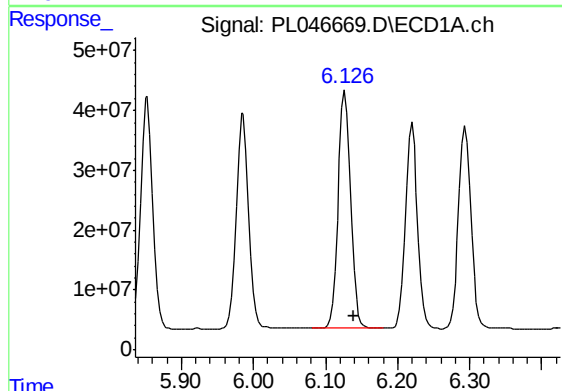
R.T.: 5.307 min  
Delta R.T.: -0.007 min  
Response: 537583694  
Conc: 519.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118376BS



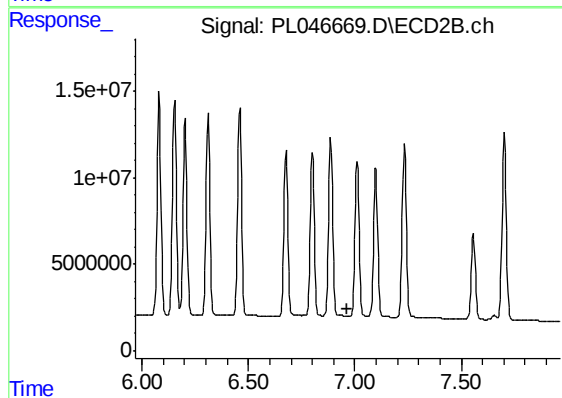
#26 Chlordane-4

R.T.: 6.153 min  
Delta R.T.: -0.010 min  
Response: 157770747  
Conc: 341.92 ng/ml



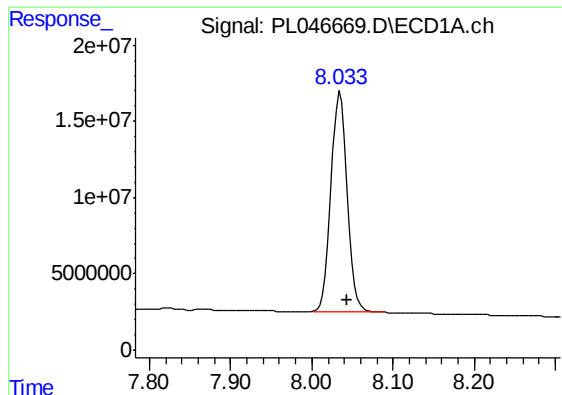
#27 Chlordane-5

R.T.: 6.127 min  
Delta R.T.: -0.012 min  
Response: 477117741  
Conc: 1398.08 ng/ml



#27 Chlordane-5

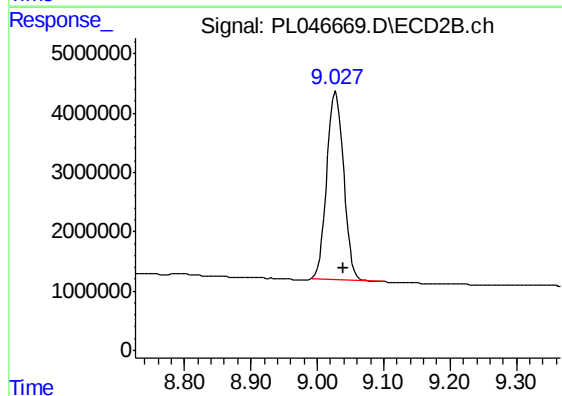
R.T.: 0.000 min  
Exp R.T. : 6.967 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.035 min  
Delta R.T.: -0.009 min  
Response: 199893939  
Conc: 23.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118376BS



#28 Decachlorobiphenyl

R.T.: 9.028 min  
Delta R.T.: -0.012 min  
Response: 56136378  
Conc: 24.21 ng/ml