

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011619\  
 Data File : PL0CCC1.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jan 2019 21:58  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 100 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 17 00:25:51 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011119.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 12 01:24:53 2019  
 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... | 3.551f | 4.008 | 134.8E6   | 104.1E6  | 27.451  | 53.439 #   |
| 28)                         | SA Decachlor... | 8.276  | 9.079 | 279.4E6   | 90899142 | 49.447  | 57.221     |
| Target Compounds            |                 |        |       |           |          |         |            |
| 2)                          | A alpha-BHC     | 3.991f | 4.399 | 188.7E6   | 146.8E6  | 24.544  | 54.457 #   |
| 3)                          | MA gamma-BHC... | 4.275f | 4.684 | -87692607 | 135.6E6  | N.D.    | 53.388     |
| 4)                          | MA Heptachlor   | 4.527  | 5.193 | 161.2E6   | 133.6E6  | 23.154  | 55.262 #   |
| 5)                          | MB Aldrin       | 4.819f | 5.499 | 239.9E6   | 127.3E6  | 35.042  | 53.652 #   |
| 6)                          | B beta-BHC      | 4.527f | 4.855 | 161.2E6   | 59782452 | 54.147  | 53.925     |
| 7)                          | B delta-BHC     | 0.000  | 5.072 | 0         | 110.6E6  | N.D.    | 56.320 #   |
| 8)                          | B Heptachlor... | 0.000  | 5.885 | 0         | 113.7E6  | N.D.    | 52.684 #   |
| 9)                          | A Endosulfan I  | 5.544  | 6.242 | 368.1E6   | 107.0E6  | 63.079  | 51.892     |
| 10)                         | B gamma-Chl...  | 5.487  | 6.119 | 378.4E6   | 117.7E6  | 58.947  | 52.774     |
| 11)                         | B alpha-Chl...  | 5.487  | 6.192 | 378.4E6   | 116.1E6  | 59.882  | 52.383     |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.349 | 0         | 99747747 | N.D.    | 54.250 #   |
| 13)                         | MA Dieldrin     | 5.842  | 6.499 | 148.4E6   | 110.4E6  | 23.826  | 51.749 #   |
| 14)                         | MA Endrin       | 6.098  | 6.717 | 318.3E6   | 89738527 | 58.673  | 51.166     |
| 15)                         | B Endosulfa...  | 6.372  | 6.925 | 61170936  | 93919633 | 11.758  | 50.710 #   |
| 16)                         | A 4,4'-DDD      | 6.222  | 6.838 | 51037853  | 79286302 | 11.797  | 52.471 #   |
| 17)                         | MA 4,4'-DDT     | 6.459  | 7.137 | 275.1E6   | 83156700 | 60.303  | 50.421     |
| 18)                         | B Endrin al...  | 6.539  | 7.049 | 146.9E6   | 79969279 | 32.930  | 50.463 #   |
| 19)                         | B Endosulfa...  | 6.750  | 7.272 | 158.5E6   | 95159426 | 29.416  | 50.467 #   |
| 20)                         | A Methoxychlor  | 7.001  | 7.594 | 28930366  | 46303207 | 11.317  | 52.460 #   |
| 21)                         | B Endrin ke...  | 7.239  | 7.742 | 207.9E6   | 96302755 | 34.516  | 49.623 #   |
| 23)                         | Chlordane-1     | 0.000  | 5.072 | 0         | 110.6E6  | N.D.    | 1233.074 # |
| 24)                         | Chlordane-2     | 0.000  | 5.499 | 0         | 127.3E6  | N.D.    | 1371.499 # |
| 25)                         | Chlordane-3     | 5.487  | 6.119 | 378.4E6   | 117.7E6  | 521.099 | 384.064 #  |
| 26)                         | Chlordane-4     | 5.487  | 6.192 | 378.4E6   | 116.1E6  | 593.776 | 317.643 #  |
| 27)                         | Chlordane-5     | 6.372  | 7.049 | 61170936  | 79969279 | 306.994 | 1150.086 # |
| -----                       |                 |        |       |           |          |         |            |

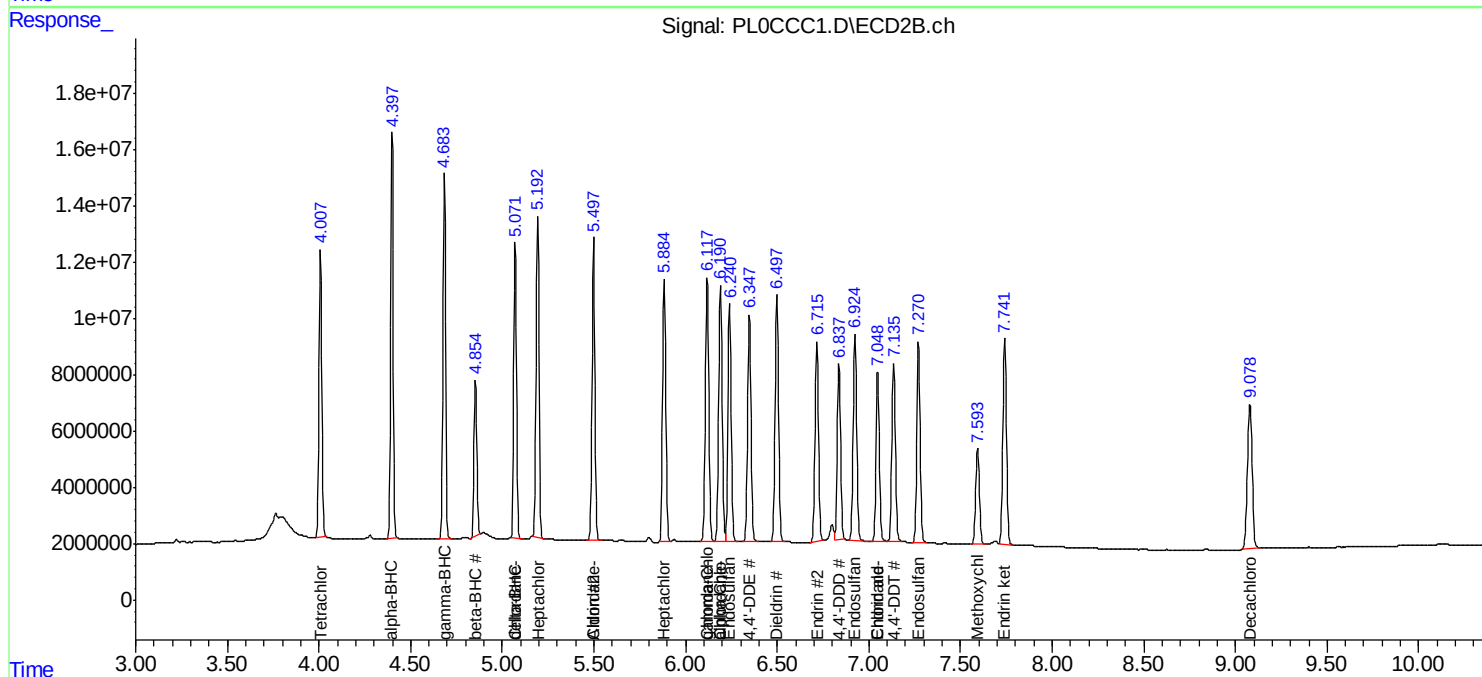
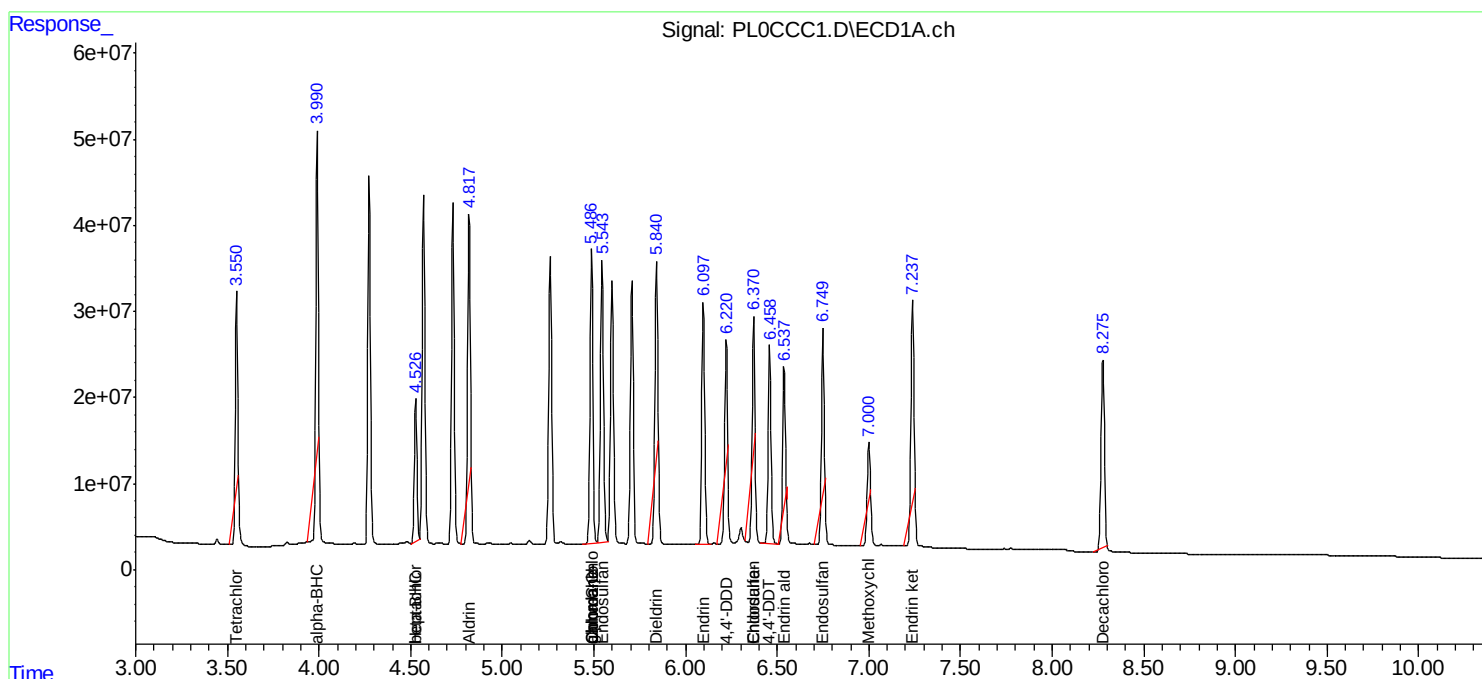
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

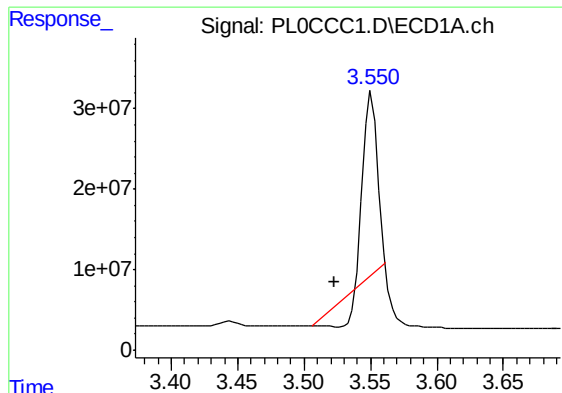
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011619\  
Data File : PL0CCC1.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jan 2019 21:58  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 100 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 17 00:25:51 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011119.M  
Quant Title : GC Extractables  
QLast Update : Sat Jan 12 01:24:53 2019  
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

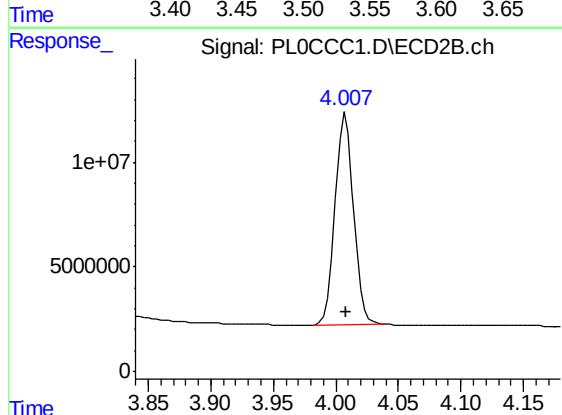




#1 Tetrachloro-m-xylene

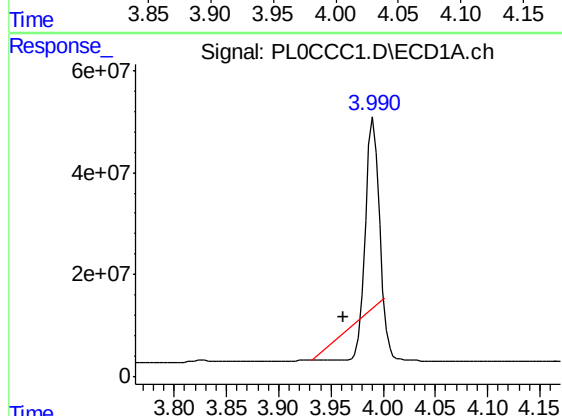
R.T.: 3.551 min  
Delta R.T.: 0.028 min  
Response: 134751719  
Conc: 27.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



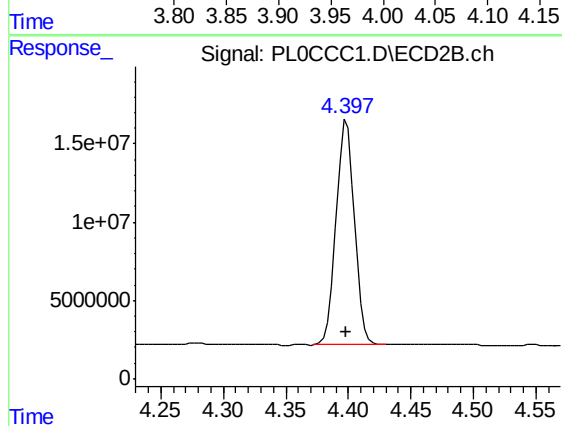
#1 Tetrachloro-m-xylene

R.T.: 4.008 min  
Delta R.T.: 0.000 min  
Response: 104144691  
Conc: 53.44 ng/ml



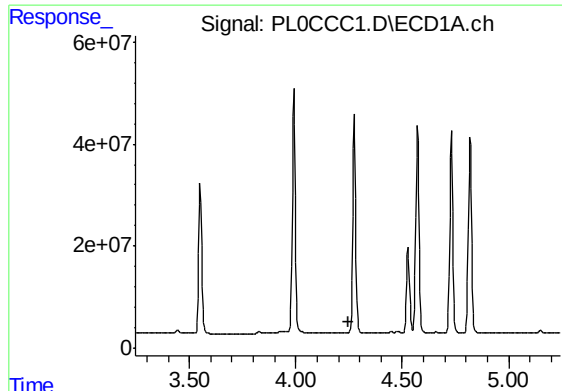
#2 alpha-BHC

R.T.: 3.991 min  
Delta R.T.: 0.029 min  
Response: 188683060  
Conc: 24.54 ng/ml



#2 alpha-BHC

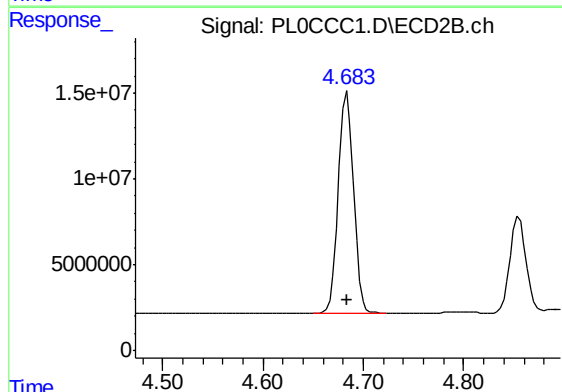
R.T.: 4.399 min  
Delta R.T.: 0.000 min  
Response: 146834486  
Conc: 54.46 ng/ml



#3 gamma-BHC (Lindane)

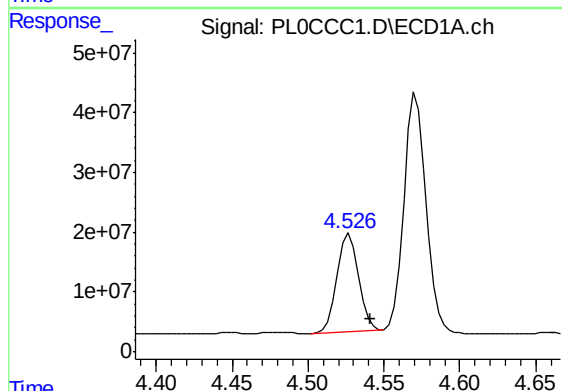
R.T.: 4.275 min  
Delta R.T.: 0.030 min  
Response: -87692607  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



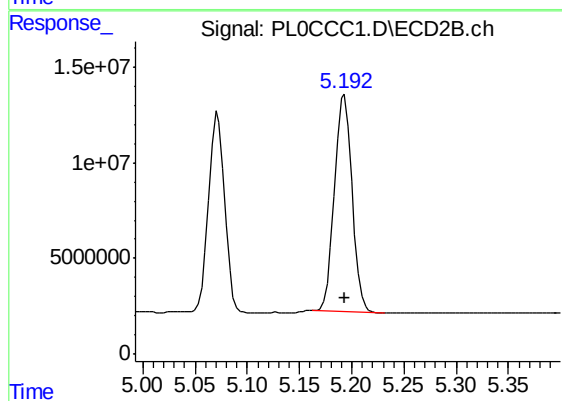
#3 gamma-BHC (Lindane)

R.T.: 4.684 min  
Delta R.T.: 0.000 min  
Response: 135599783  
Conc: 53.39 ng/ml



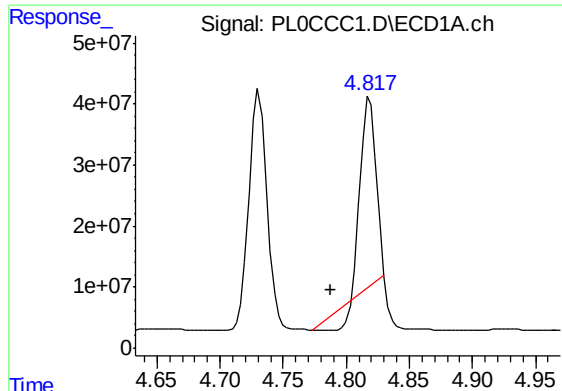
#4 Heptachlor

R.T.: 4.527 min  
Delta R.T.: -0.013 min  
Response: 161188960  
Conc: 23.15 ng/ml



#4 Heptachlor

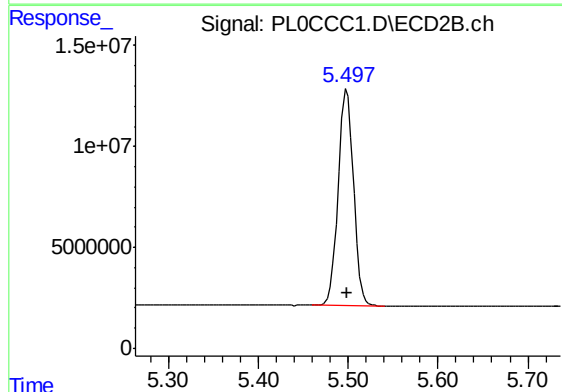
R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 133566458  
Conc: 55.26 ng/ml



#5 Aldrin

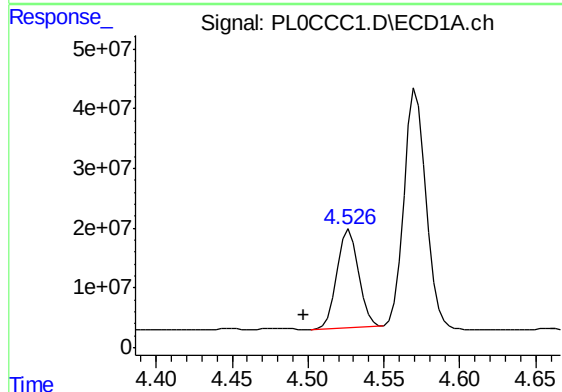
R.T.: 4.819 min  
Delta R.T.: 0.031 min  
Response: 239880151  
Conc: 35.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



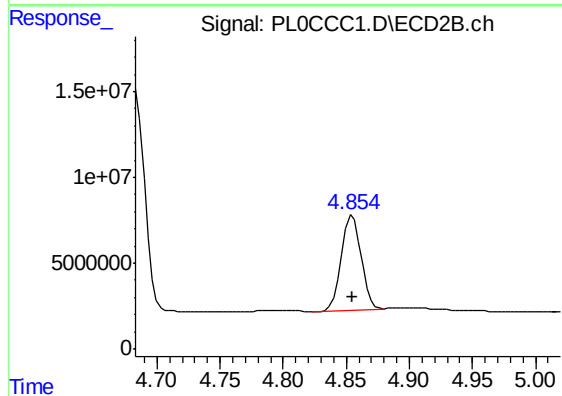
#5 Aldrin

R.T.: 5.499 min  
Delta R.T.: 0.000 min  
Response: 127343580  
Conc: 53.65 ng/ml



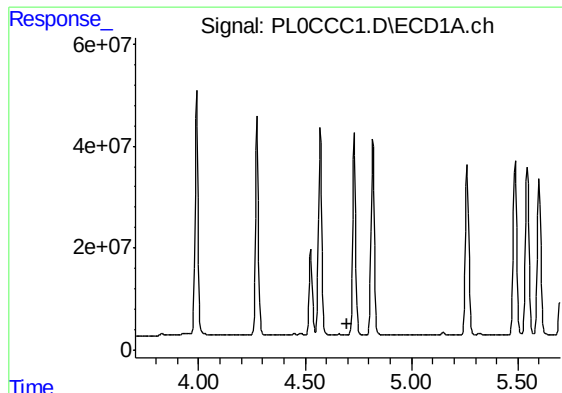
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.030 min  
Response: 161188960  
Conc: 54.15 ng/ml



#6 beta-BHC

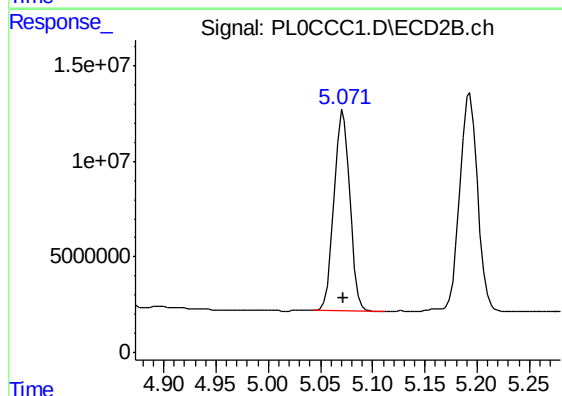
R.T.: 4.855 min  
Delta R.T.: 0.000 min  
Response: 59782452  
Conc: 53.92 ng/ml



#7 delta-BHC

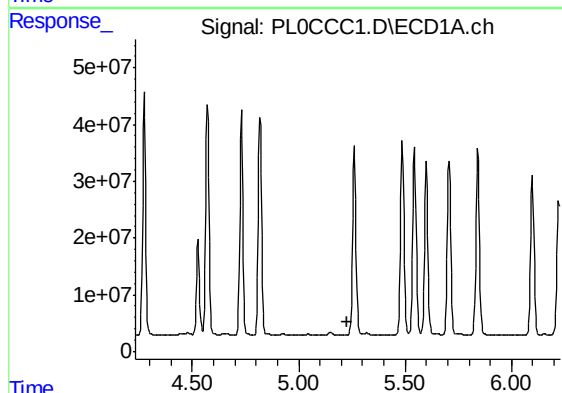
R.T.: 0.000 min  
Exp R.T. : 4.701 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



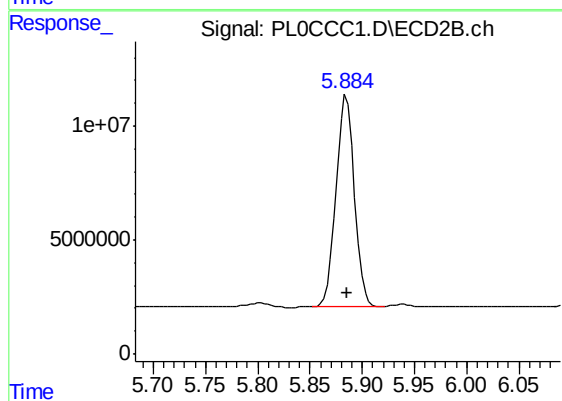
#7 delta-BHC

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 110629965  
Conc: 56.32 ng/ml



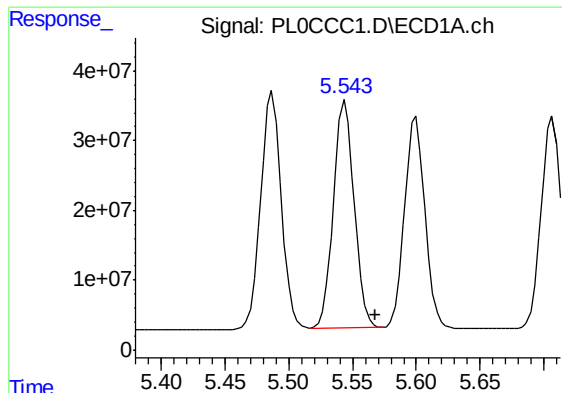
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.230 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

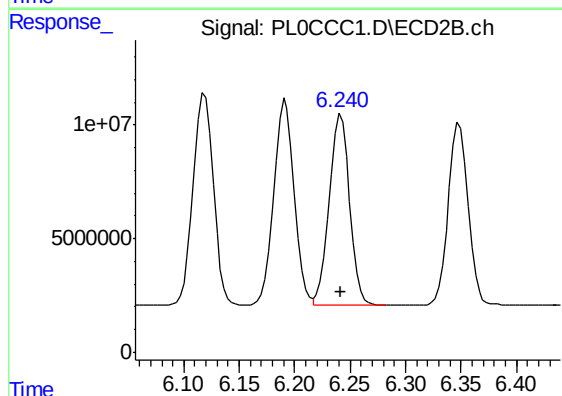
R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 113689487  
Conc: 52.68 ng/ml



#9 Endosulfan I

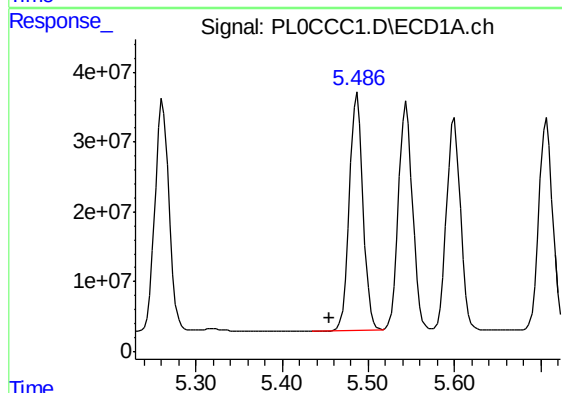
R.T.: 5.544 min  
Delta R.T.: -0.023 min  
Response: 368138404  
Conc: 63.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



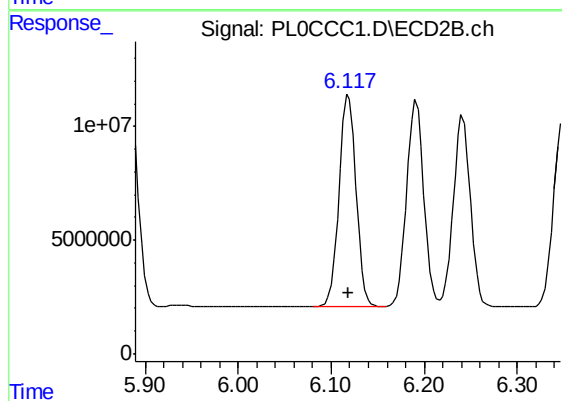
#9 Endosulfan I

R.T.: 6.242 min  
Delta R.T.: 0.000 min  
Response: 106997770  
Conc: 51.89 ng/ml



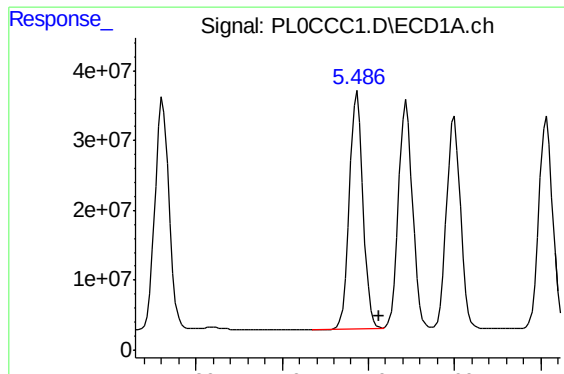
#10 gamma-Chlordane

R.T.: 5.487 min  
Delta R.T.: 0.032 min  
Response: 378397023  
Conc: 58.95 ng/ml



#10 gamma-Chlordane

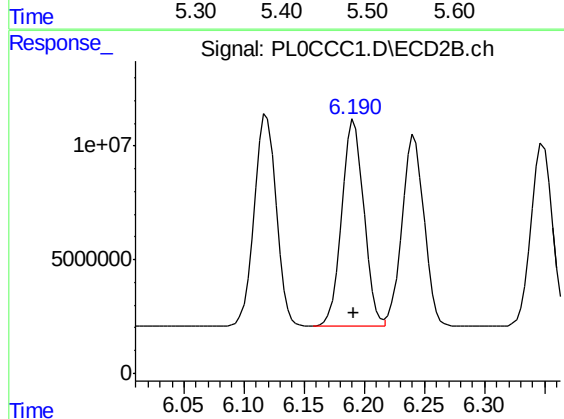
R.T.: 6.119 min  
Delta R.T.: 0.000 min  
Response: 117653547  
Conc: 52.77 ng/ml



#11 alpha-Chlordane

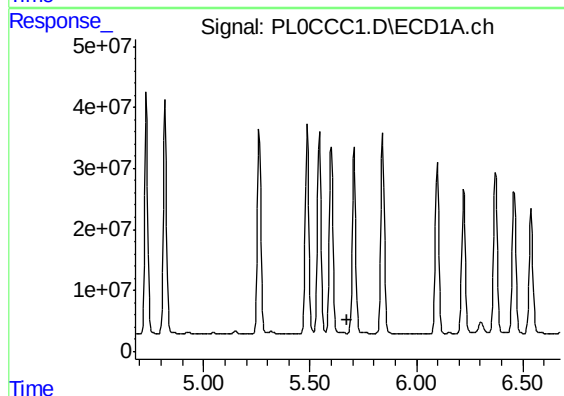
R.T.: 5.487 min  
Delta R.T.: -0.025 min  
Response: 378397023  
Conc: 59.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



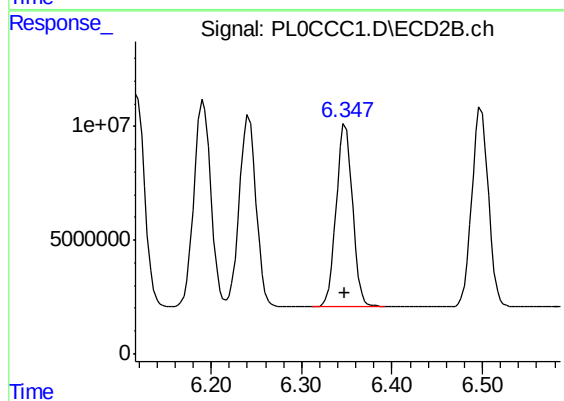
#11 alpha-Chlordane

R.T.: 6.192 min  
Delta R.T.: 0.000 min  
Response: 116123445  
Conc: 52.38 ng/ml



#12 4,4'-DDE

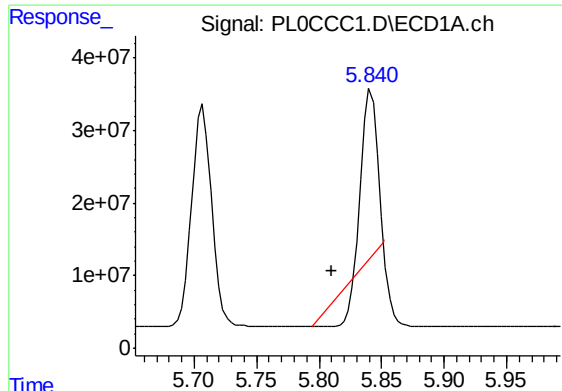
R.T.: 0.000 min  
Exp R.T. : 5.677 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 6.349 min  
Delta R.T.: 0.000 min  
Response: 99747747  
Conc: 54.25 ng/ml

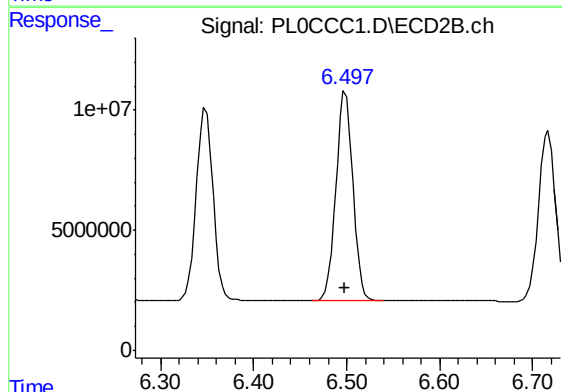




#13 Dieldrin

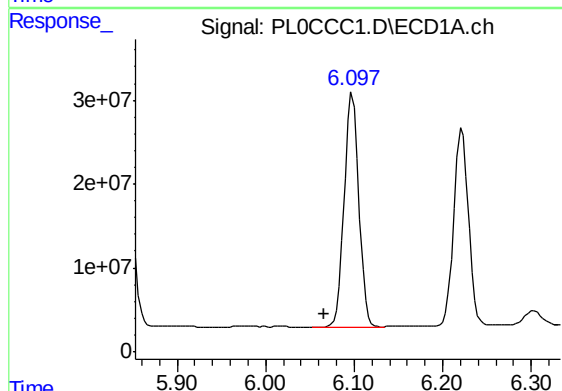
R.T.: 5.842 min  
Delta R.T.: 0.032 min  
Response: 148419042  
Conc: 23.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



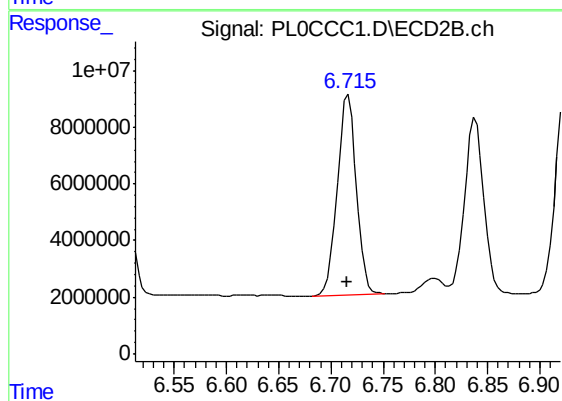
#13 Dieldrin

R.T.: 6.499 min  
Delta R.T.: 0.000 min  
Response: 110394528  
Conc: 51.75 ng/ml



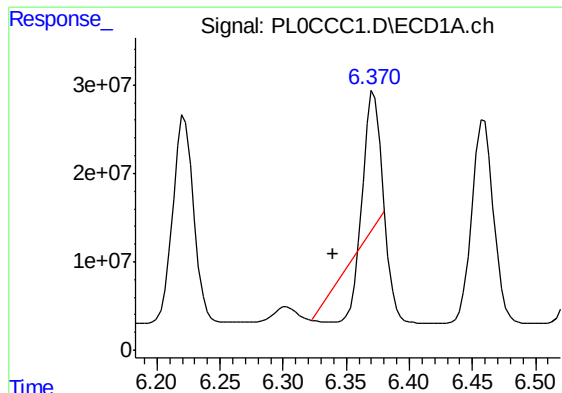
#14 Endrin

R.T.: 6.098 min  
Delta R.T.: 0.032 min  
Response: 318272149  
Conc: 58.67 ng/ml



#14 Endrin

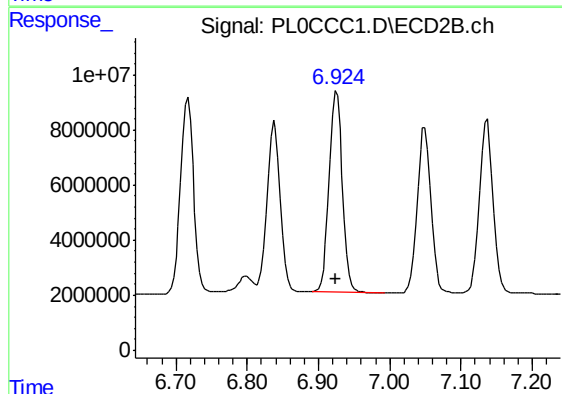
R.T.: 6.717 min  
Delta R.T.: 0.000 min  
Response: 89738527  
Conc: 51.17 ng/ml



#15 Endosulfan II

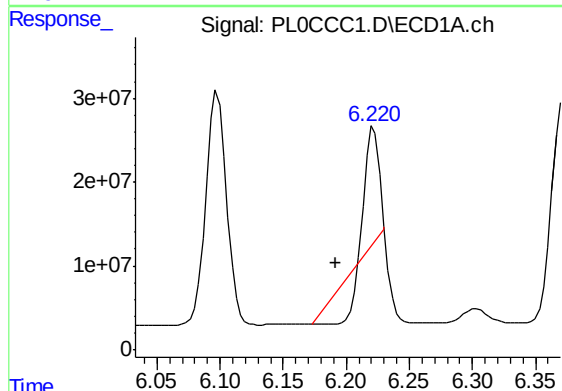
R.T.: 6.372 min  
Delta R.T.: 0.032 min  
Response: 61170936  
Conc: 11.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



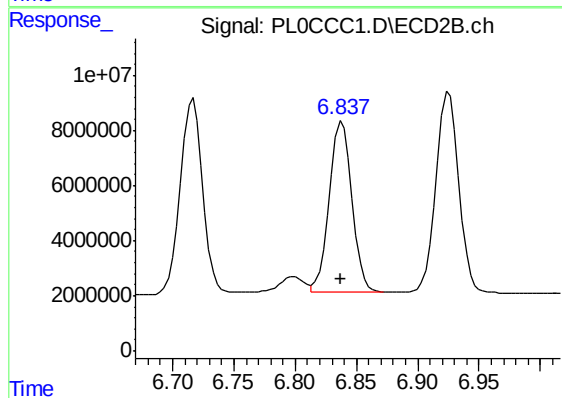
#15 Endosulfan II

R.T.: 6.925 min  
Delta R.T.: 0.000 min  
Response: 93919633  
Conc: 50.71 ng/ml



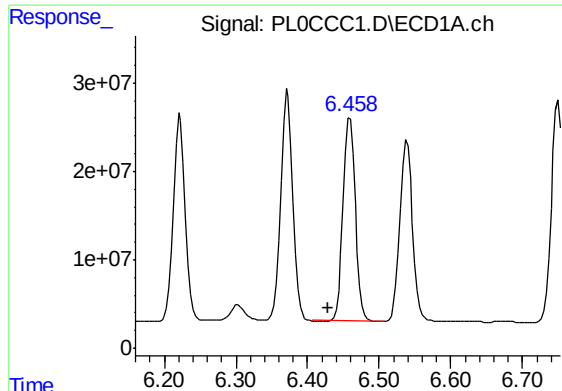
#16 4,4'-DDD

R.T.: 6.222 min  
Delta R.T.: 0.031 min  
Response: 51037853  
Conc: 11.80 ng/ml



#16 4,4'-DDD

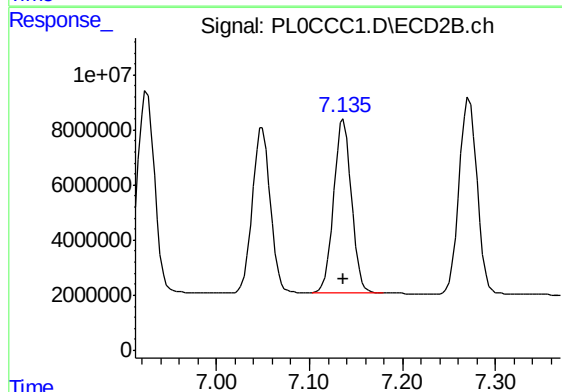
R.T.: 6.838 min  
Delta R.T.: 0.000 min  
Response: 79286302  
Conc: 52.47 ng/ml



#17 4,4'-DDT

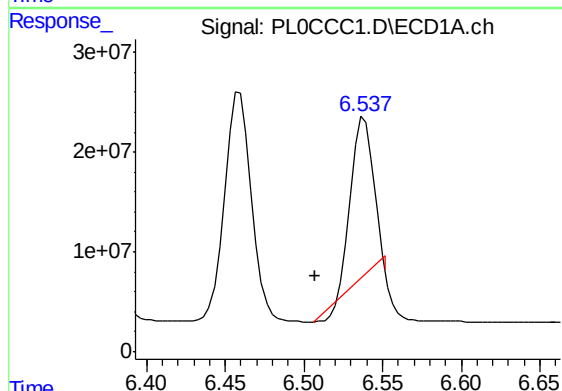
R.T.: 6.459 min  
Delta R.T.: 0.030 min  
Response: 275071372  
Conc: 60.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



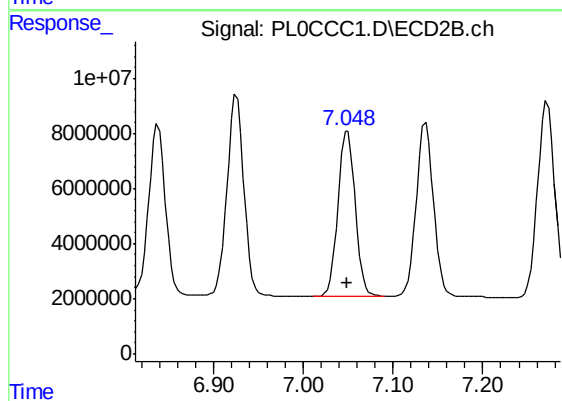
#17 4,4'-DDT

R.T.: 7.137 min  
Delta R.T.: 0.000 min  
Response: 83156700  
Conc: 50.42 ng/ml



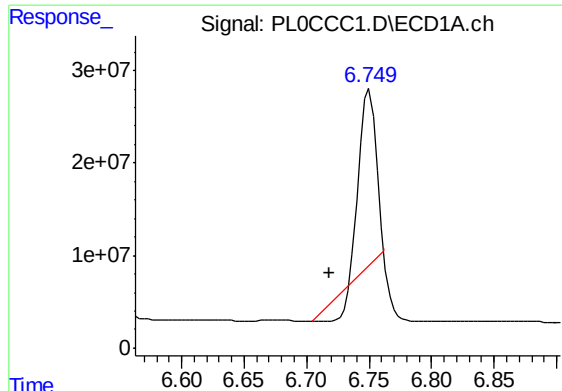
#18 Endrin aldehyde

R.T.: 6.539 min  
Delta R.T.: 0.031 min  
Response: 146891808  
Conc: 32.93 ng/ml



#18 Endrin aldehyde

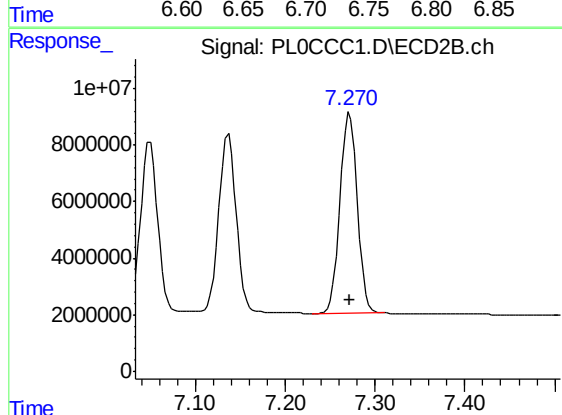
R.T.: 7.049 min  
Delta R.T.: 0.000 min  
Response: 79969279  
Conc: 50.46 ng/ml



#19 Endosulfan Sulfate

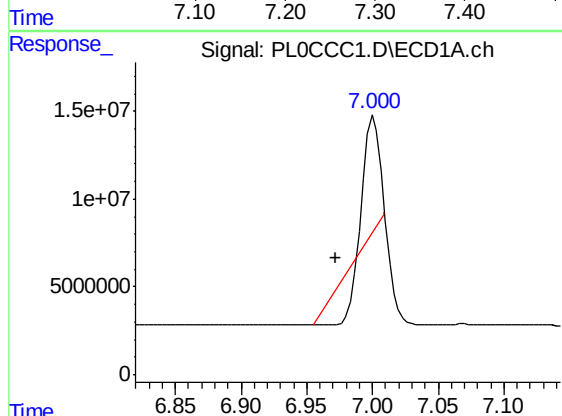
R.T.: 6.750 min  
Delta R.T.: 0.032 min  
Response: 158460491  
Conc: 29.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



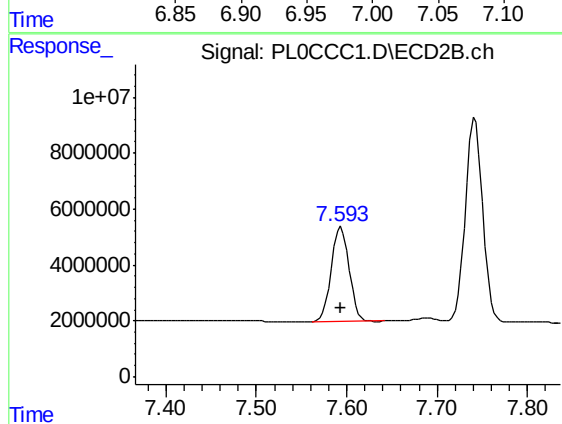
#19 Endosulfan Sulfate

R.T.: 7.272 min  
Delta R.T.: 0.000 min  
Response: 95159426  
Conc: 50.47 ng/ml



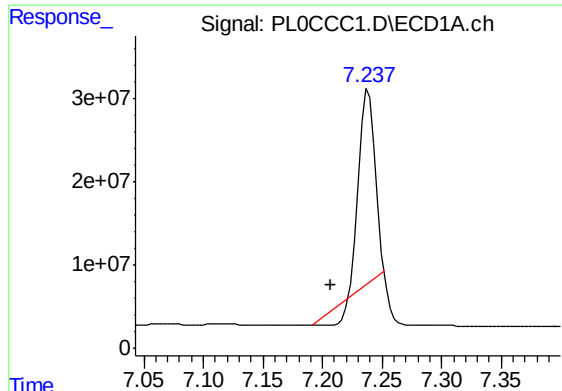
#20 Methoxychlor

R.T.: 7.001 min  
Delta R.T.: 0.030 min  
Response: 28930366  
Conc: 11.32 ng/ml



#20 Methoxychlor

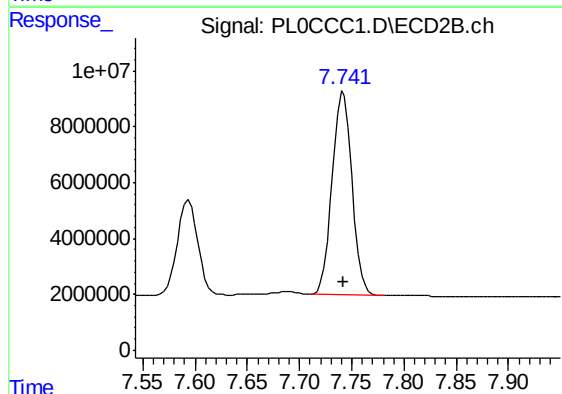
R.T.: 7.594 min  
Delta R.T.: 0.000 min  
Response: 46303207  
Conc: 52.46 ng/ml



#21 Endrin ketone

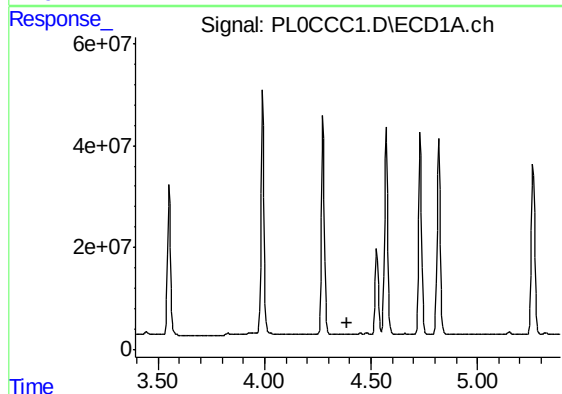
R.T.: 7.239 min  
Delta R.T.: 0.032 min  
Response: 207875644  
Conc: 34.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



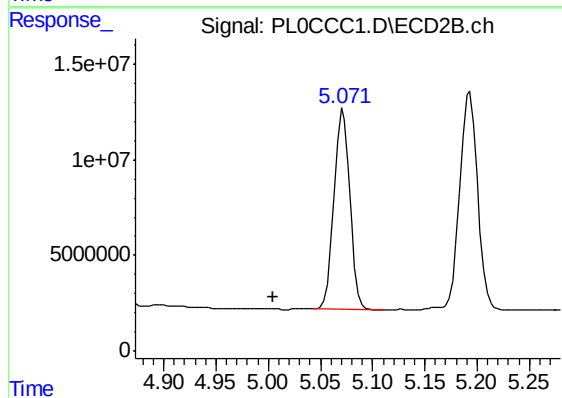
#21 Endrin ketone

R.T.: 7.742 min  
Delta R.T.: 0.000 min  
Response: 96302755  
Conc: 49.62 ng/ml



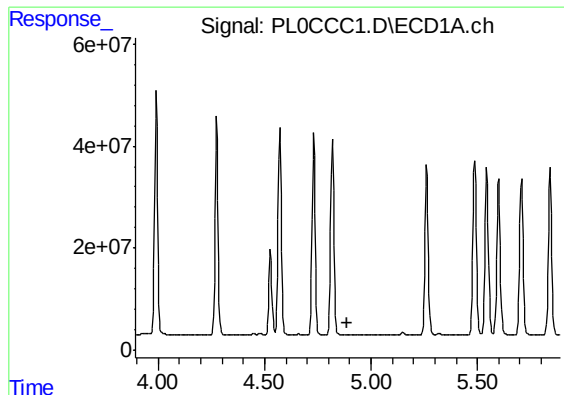
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.391 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

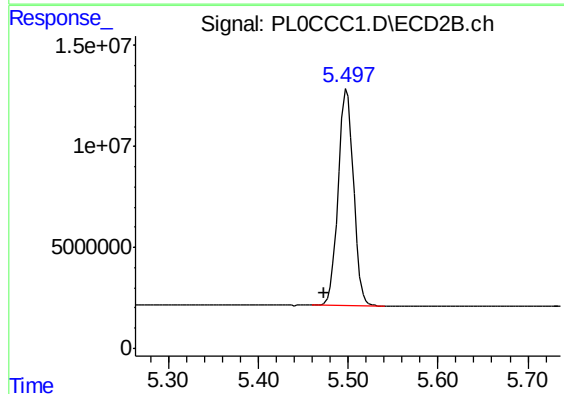
R.T.: 5.072 min  
Delta R.T.: 0.067 min  
Response: 110629965  
Conc: 1233.07 ng/ml



#24 Chlordane-2

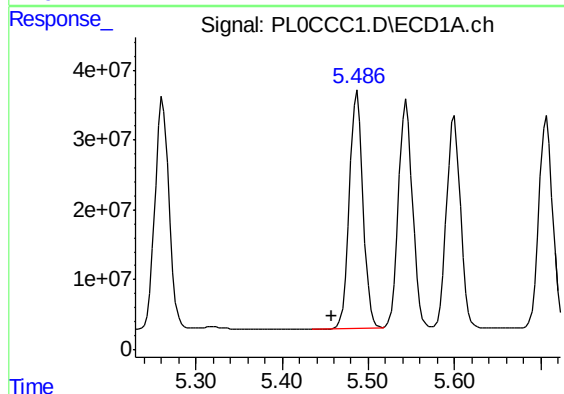
R.T.: 0.000 min  
Exp R.T.: 4.891 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



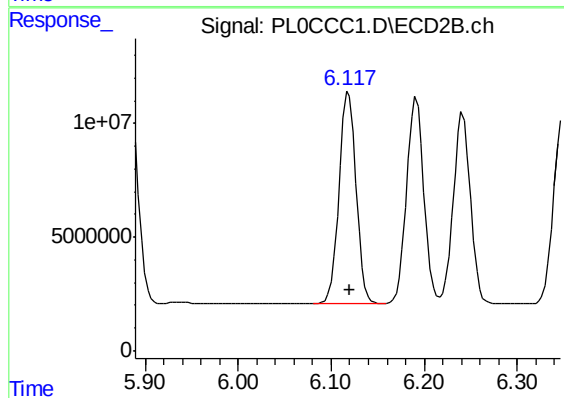
#24 Chlordane-2

R.T.: 5.499 min  
Delta R.T.: 0.025 min  
Response: 127343580  
Conc: 1371.50 ng/ml



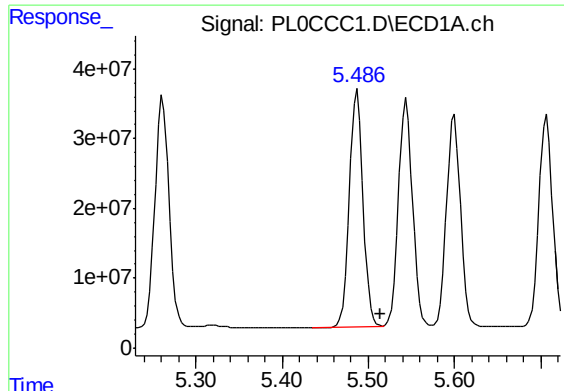
#25 Chlordane-3

R.T.: 5.487 min  
Delta R.T.: 0.030 min  
Response: 378397023  
Conc: 521.10 ng/ml



#25 Chlordane-3

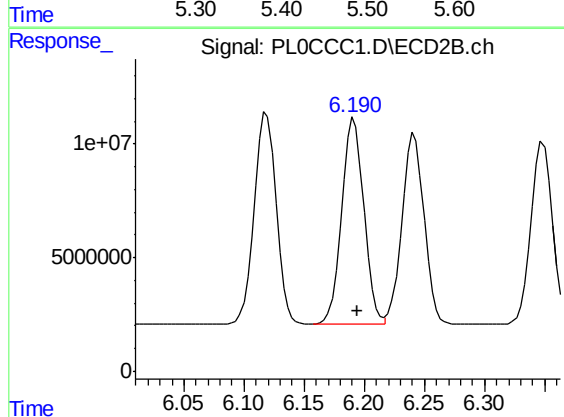
R.T.: 6.119 min  
Delta R.T.: 0.000 min  
Response: 117653547  
Conc: 384.06 ng/ml



#26 Chlordane-4

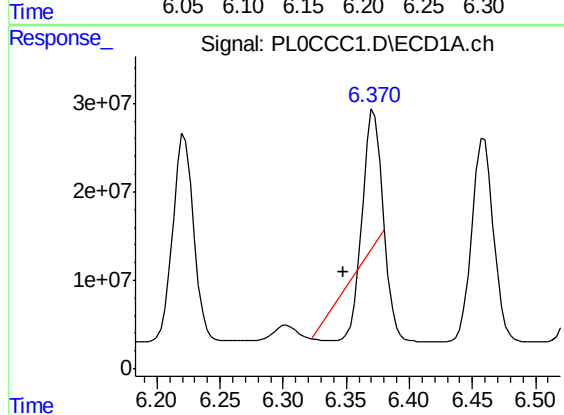
R.T.: 5.487 min  
Delta R.T.: -0.027 min  
Response: 378397023  
Conc: 593.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



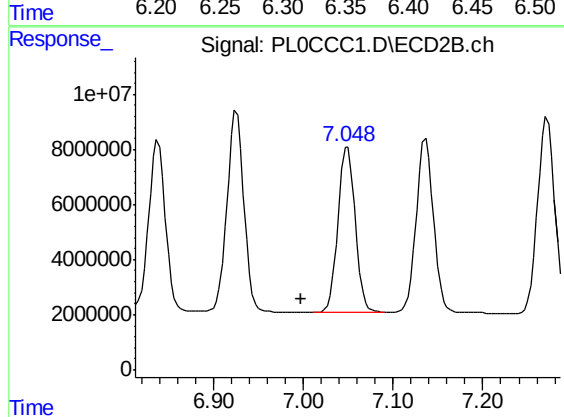
#26 Chlordane-4

R.T.: 6.192 min  
Delta R.T.: -0.002 min  
Response: 116123445  
Conc: 317.64 ng/ml



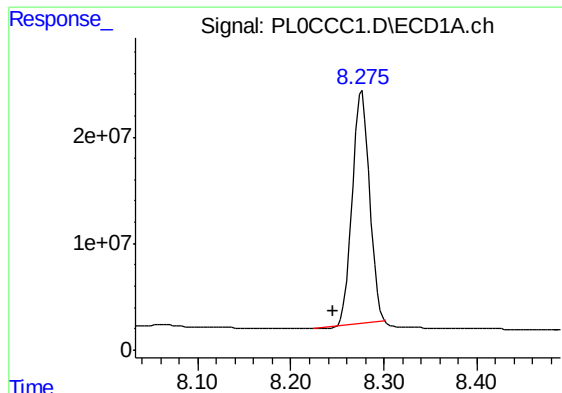
#27 Chlordane-5

R.T.: 6.372 min  
Delta R.T.: 0.024 min  
Response: 61170936  
Conc: 306.99 ng/ml



#27 Chlordane-5

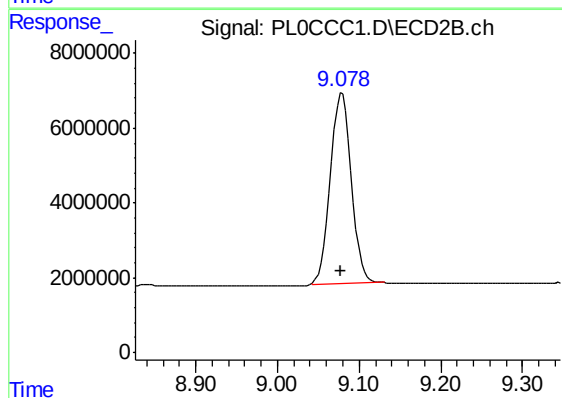
R.T.: 7.049 min  
Delta R.T.: 0.051 min  
Response: 79969279  
Conc: 1150.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.276 min  
Delta R.T.: 0.030 min  
Response: 279439001  
Conc: 49.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.079 min  
Delta R.T.: 0.001 min  
Response: 90899142  
Conc: 57.22 ng/ml