

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081721\  
 Data File : PL069149.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Aug 2021 21:51  
 Operator : AR\AJ  
 Sample : M3424-03MSD  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 18NMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 18 07:31:04 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 06 03:02:43 2021  
 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... | 4.633  | 5.566  | 10788171 | 35920183 | 26.081   | 35.378 #   |
| 28)                         | SA Decachlor... | 10.400 | 11.484 | 13922306 | 25101355 | 24.226   | 25.871     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.340  | 6.146  | 39403518 | 118.3E6  | 71.235   | 86.863     |
| 3)                          | MA gamma-BHC... | 5.762  | 6.541  | 38444467 | 110.3E6  | 70.835   | 84.766     |
| 4)                          | MA Heptachlor   | 6.173  | 7.191  | 41181135 | 112.9E6  | 70.114   | 84.105     |
| 5)                          | MB Aldrin       | 6.498  | 7.562  | 38585503 | 102.0E6  | 72.155   | 84.506     |
| 6)                          | B beta-BHC      | 6.141  | 6.794  | 19354667 | 54105593 | 68.658   | 83.517     |
| 7)                          | B delta-BHC     | 6.403  | 7.062  | 22154828 | 58907929 | 41.291   | 46.759     |
| 8)                          | B Heptachlor... | 7.074  | 8.028  | 38117106 | 94427804 | 71.518   | 81.681     |
| 9)                          | A Endosulfan I  | 7.477  | 8.433  | 36555012 | 86375595 | 72.002   | 81.905     |
| 10)                         | B gamma-Chl...  | 7.351  | 8.297  | 39801002 | 95096044 | 72.625   | 83.035     |
| 11)                         | B alpha-Chl...  | 7.421  | 8.378  | 39385632 | 92418024 | 71.563   | 80.473     |
| 12)                         | B 4,4'-DDE      | 7.635  | 8.564  | 36859749 | 89183968 | 76.310   | 84.376     |
| 13)                         | MA Dieldrin     | 7.763  | 8.722  | 38780290 | 89468961 | 74.966   | 82.563     |
| 14)                         | MA Endrin       | 8.054  | 8.961  | 36457891 | 74911886 | 75.651   | 82.530     |
| 15)                         | B Endosulfa...  | 8.364  | 9.194  | 34891158 | 73877144 | 72.735   | 80.548     |
| 16)                         | A 4,4'-DDD      | 8.219  | 9.104  | 31893164 | 69116189 | 74.309   | 80.886     |
| 17)                         | MA 4,4'-DDT     | 8.480  | 9.421  | 34049073 | 70012346 | 70.108   | 73.979     |
| 18)                         | B Endrin al...  | 8.552  | 9.329  | 31099653 | 63697929 | 82.934   | 90.898     |
| 19)                         | B Endosulfa...  | 8.783  | 9.566  | 34834098 | 66977588 | 67.711   | 73.480     |
| 20)                         | A Methoxychlor  | 9.075  | 9.906  | 21243694 | 37678390 | 67.862   | 72.404     |
| 21)                         | B Endrin ke...  | 9.301  | 10.065 | 43790453 | 78625433 | 74.850   | 77.214     |
| 22)                         | Mirex           | 9.489  | 10.531 | 35007831 | 56625324 | 69.869   | 71.595     |
| 24)                         | Chlordane-2     | 0.000  | 7.562  | 0        | 102.0E6  | N.D.     | 2353.944 # |
| 25)                         | Chlordane-3     | 7.351  | 8.297  | 39801002 | 95096044 | 758.797  | 582.141    |
| 26)                         | Chlordane-4     | 7.421  | 8.378  | 39385632 | 92418024 | 707.632  | 465.998 #  |
| 27)                         | Chlordane-5     | 8.364f | 0.000  | 34891158 | 0        | 1691.995 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

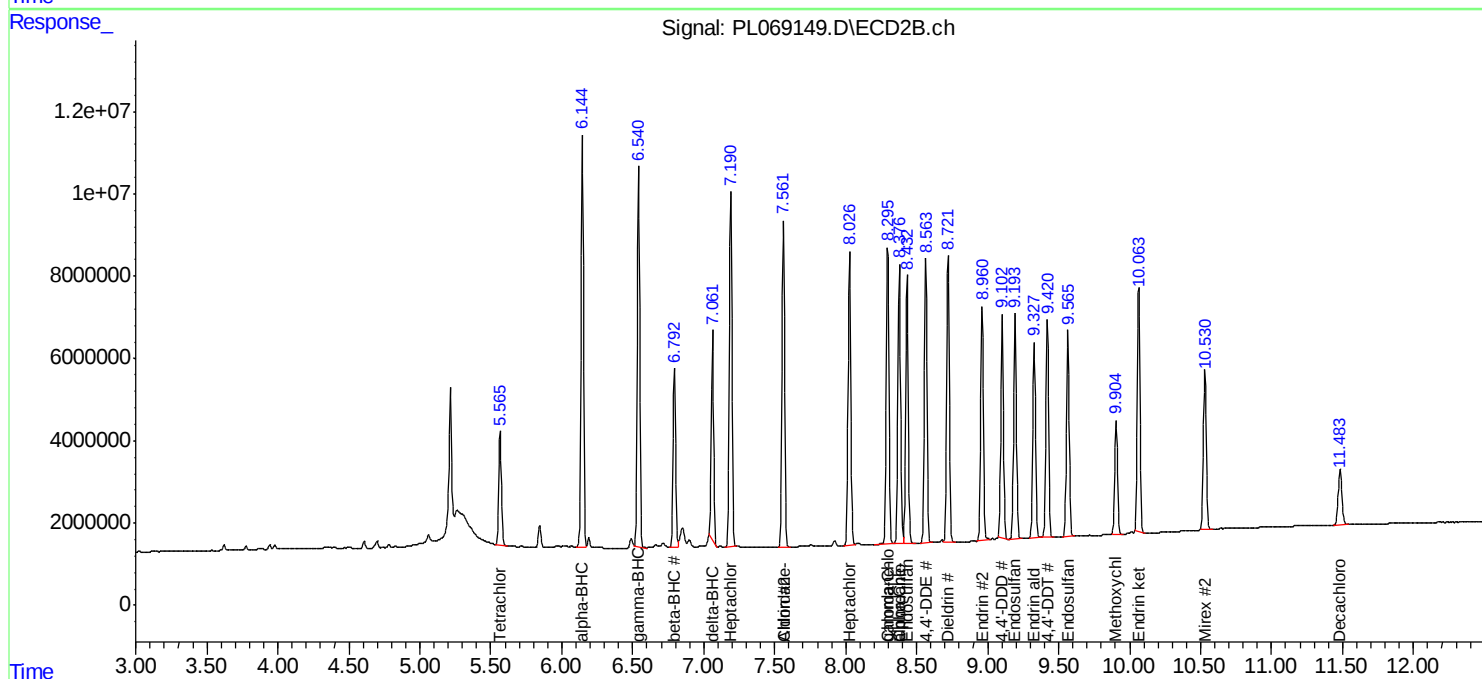
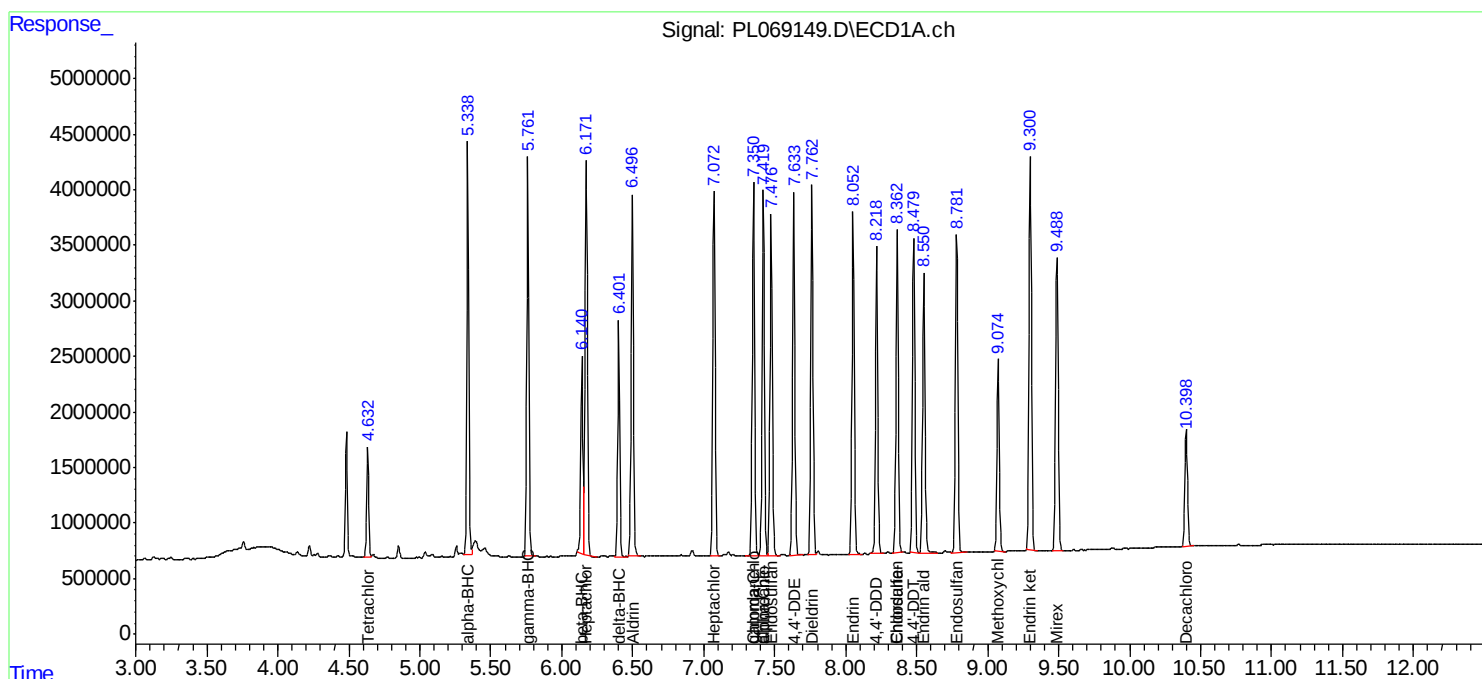
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

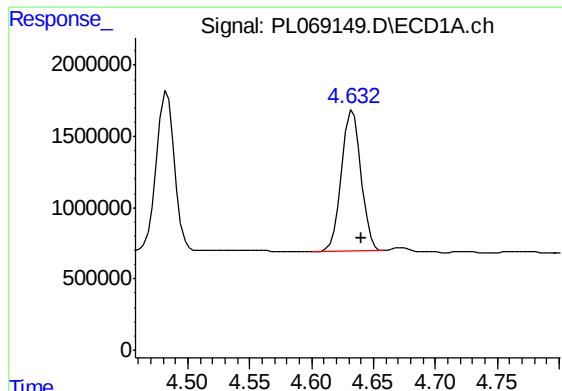
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081721\  
Data File : PL069149.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Aug 2021 21:51  
Operator : AR\AJ  
Sample : M3424-03MSD  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
18NMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 18 07:31:04 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 06 03:02:43 2021  
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

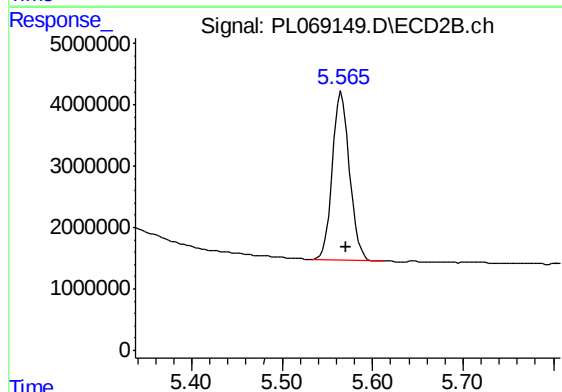




#1 Tetrachloro-m-xylene

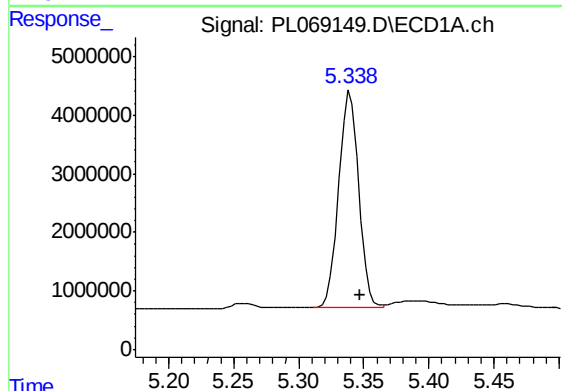
R.T.: 4.633 min  
Delta R.T.: -0.007 min  
Response: 10788171  
Conc: 26.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18NMSD



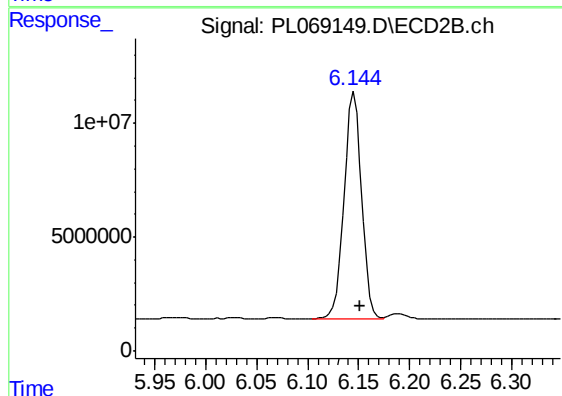
#1 Tetrachloro-m-xylene

R.T.: 5.566 min  
Delta R.T.: -0.005 min  
Response: 35920183  
Conc: 35.38 ng/ml



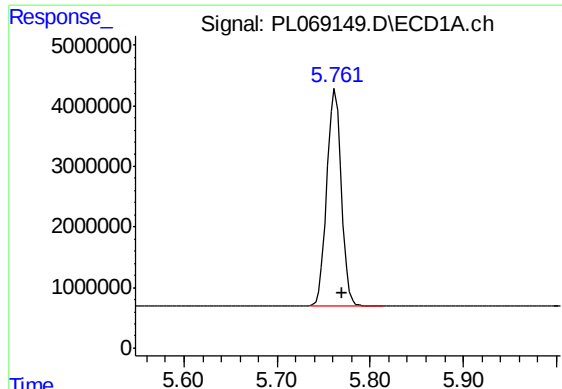
#2 alpha-BHC

R.T.: 5.340 min  
Delta R.T.: -0.007 min  
Response: 39403518  
Conc: 71.23 ng/ml



#2 alpha-BHC

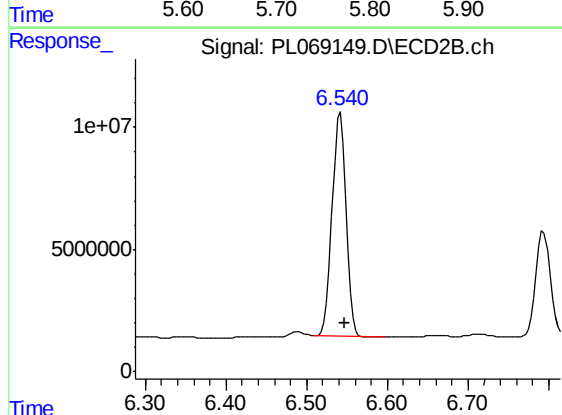
R.T.: 6.146 min  
Delta R.T.: -0.005 min  
Response: 118291811  
Conc: 86.86 ng/ml



#3 gamma-BHC (Lindane)

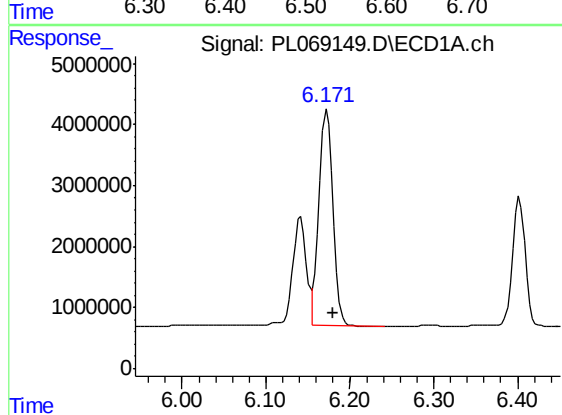
R.T.: 5.762 min  
Delta R.T.: -0.008 min  
Response: 38444467  
Conc: 70.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18NMSD



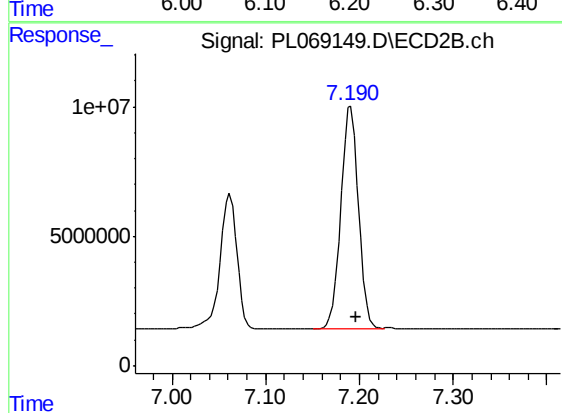
#3 gamma-BHC (Lindane)

R.T.: 6.541 min  
Delta R.T.: -0.006 min  
Response: 110287915  
Conc: 84.77 ng/ml



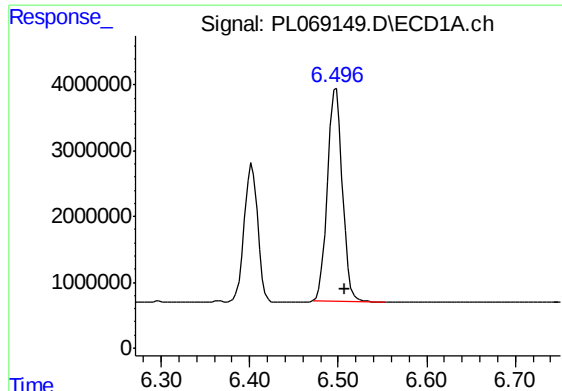
#4 Heptachlor

R.T.: 6.173 min  
Delta R.T.: -0.008 min  
Response: 41181135  
Conc: 70.11 ng/ml



#4 Heptachlor

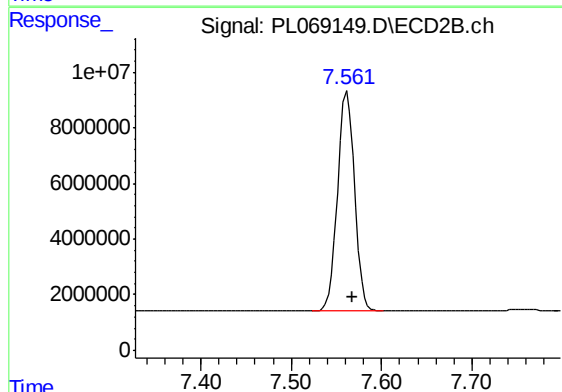
R.T.: 7.191 min  
Delta R.T.: -0.006 min  
Response: 112908368  
Conc: 84.11 ng/ml



#5 Aldrin

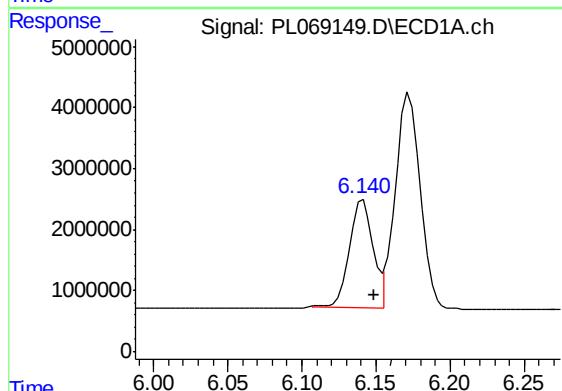
R.T.: 6.498 min  
Delta R.T.: -0.009 min  
Response: 38585503  
Conc: 72.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18NMSD



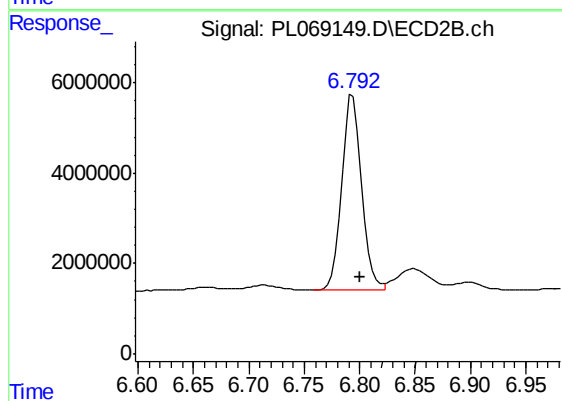
#5 Aldrin

R.T.: 7.562 min  
Delta R.T.: -0.006 min  
Response: 101993145  
Conc: 84.51 ng/ml



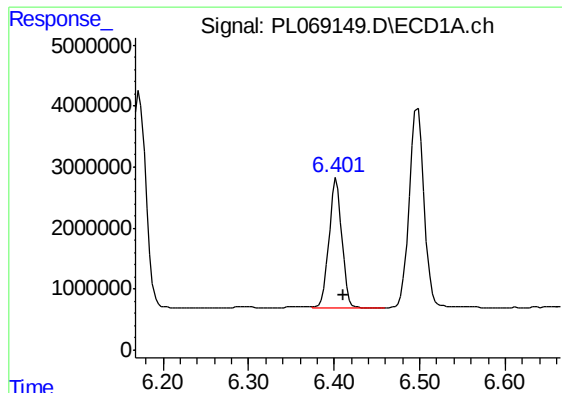
#6 beta-BHC

R.T.: 6.141 min  
Delta R.T.: -0.007 min  
Response: 19354667  
Conc: 68.66 ng/ml



#6 beta-BHC

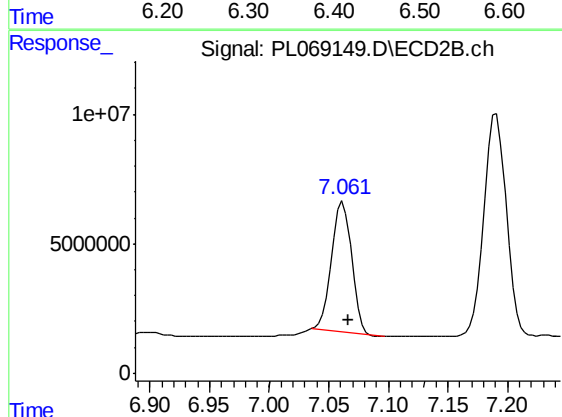
R.T.: 6.794 min  
Delta R.T.: -0.006 min  
Response: 54105593  
Conc: 83.52 ng/ml



#7 delta-BHC

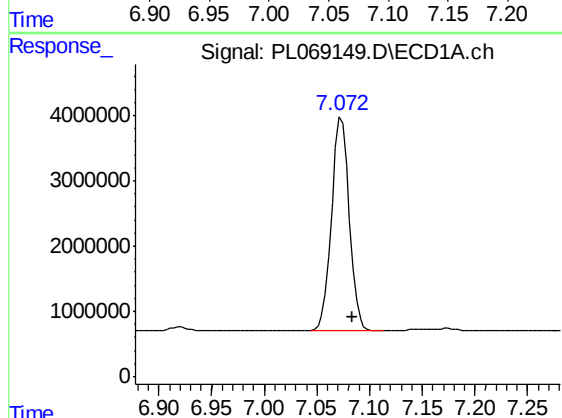
R.T.: 6.403 min  
Delta R.T.: -0.009 min  
Response: 22154828  
Conc: 41.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18NMSD



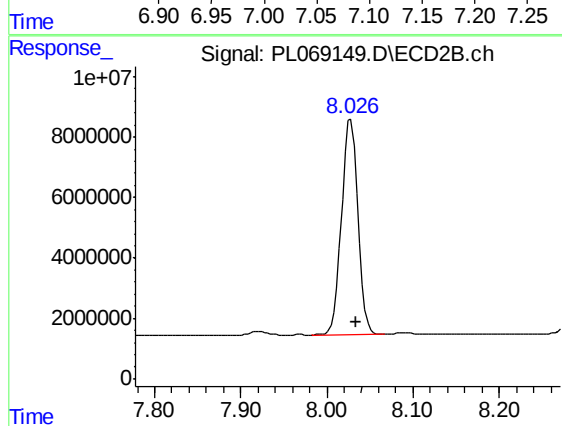
#7 delta-BHC

R.T.: 7.062 min  
Delta R.T.: -0.004 min  
Response: 58907929  
Conc: 46.76 ng/ml



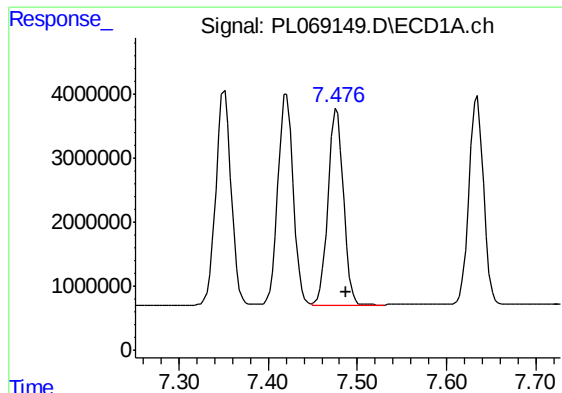
#8 Heptachlor epoxide

R.T.: 7.074 min  
Delta R.T.: -0.011 min  
Response: 38117106  
Conc: 71.52 ng/ml



#8 Heptachlor epoxide

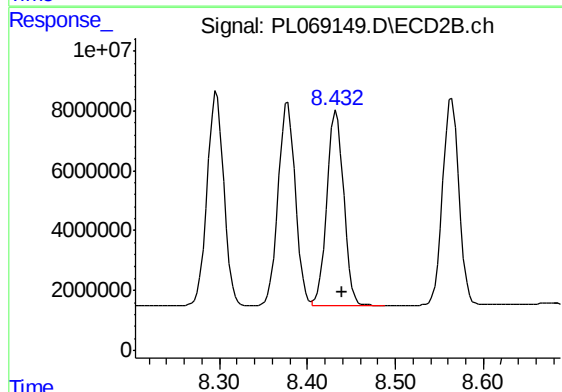
R.T.: 8.028 min  
Delta R.T.: -0.006 min  
Response: 94427804  
Conc: 81.68 ng/ml



#9 Endosulfan I

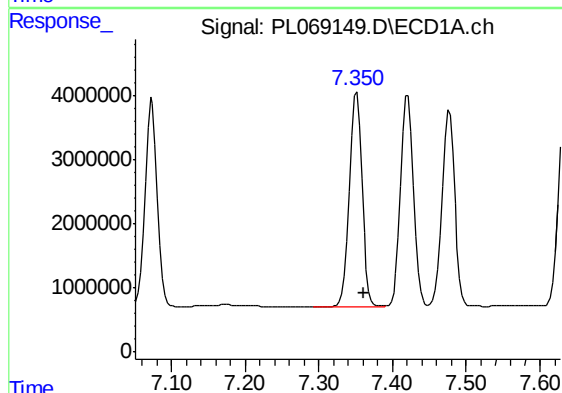
R.T.: 7.477 min  
Delta R.T.: -0.010 min  
Response: 36555012  
Conc: 72.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18NMSD



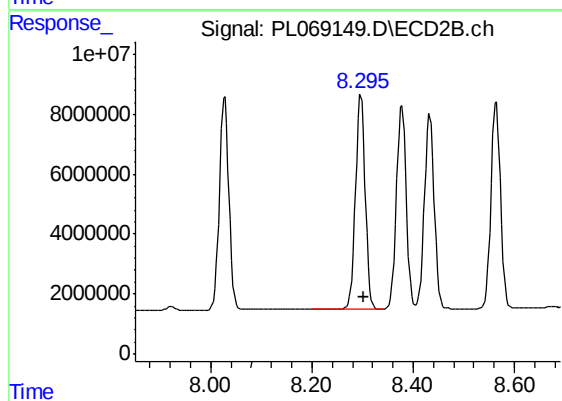
#9 Endosulfan I

R.T.: 8.433 min  
Delta R.T.: -0.007 min  
Response: 86375595  
Conc: 81.90 ng/ml



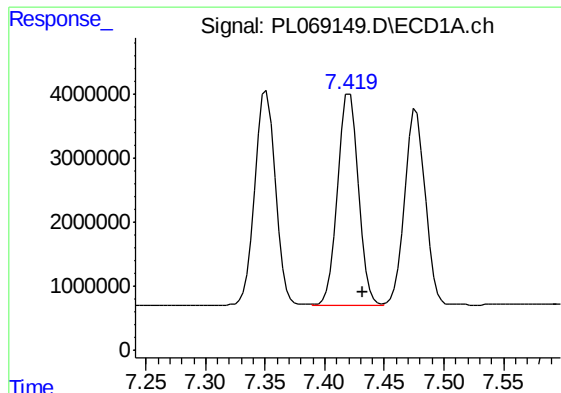
#10 gamma-Chlordane

R.T.: 7.351 min  
Delta R.T.: -0.010 min  
Response: 39801002  
Conc: 72.62 ng/ml



#10 gamma-Chlordane

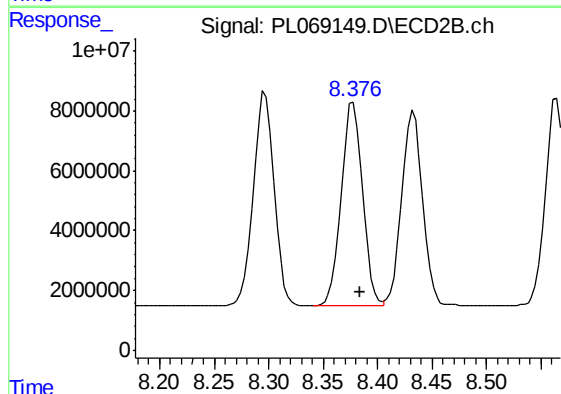
R.T.: 8.297 min  
Delta R.T.: -0.006 min  
Response: 95096044  
Conc: 83.03 ng/ml



#11 alpha-Chlordane

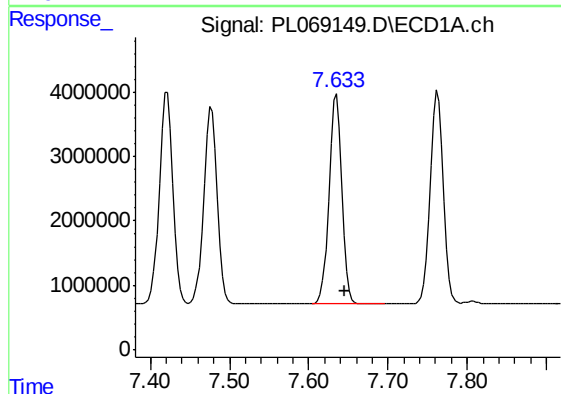
R.T.: 7.421 min  
Delta R.T.: -0.011 min  
Response: 39385632  
Conc: 71.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18NMSD



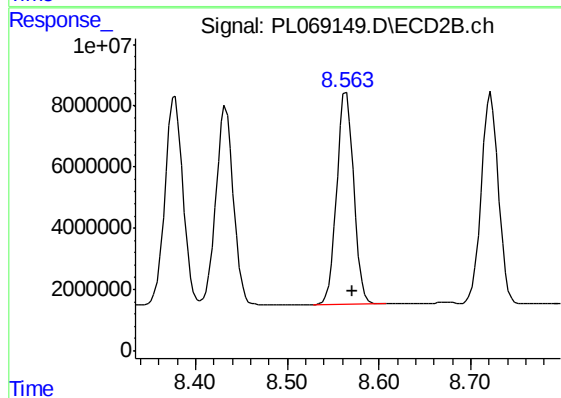
#11 alpha-Chlordane

R.T.: 8.378 min  
Delta R.T.: -0.007 min  
Response: 92418024  
Conc: 80.47 ng/ml



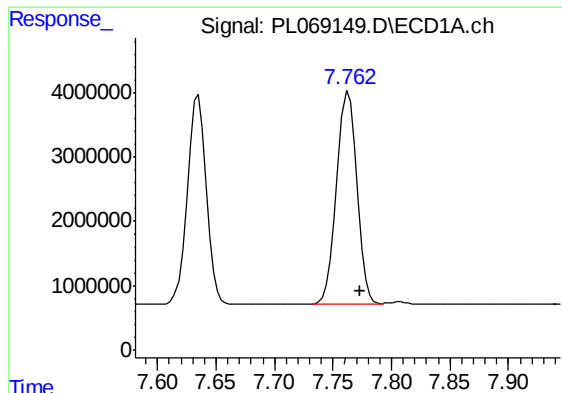
#12 4,4'-DDE

R.T.: 7.635 min  
Delta R.T.: -0.010 min  
Response: 36859749  
Conc: 76.31 ng/ml



#12 4,4'-DDE

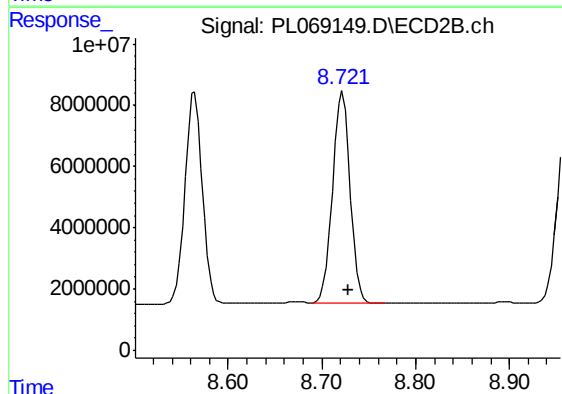
R.T.: 8.564 min  
Delta R.T.: -0.007 min  
Response: 89183968  
Conc: 84.38 ng/ml



#13 Dieldrin

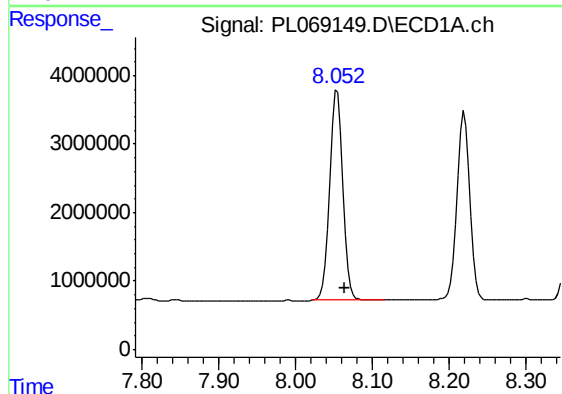
R.T.: 7.763 min  
Delta R.T.: -0.010 min  
Response: 38780290  
Conc: 74.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18NMSD



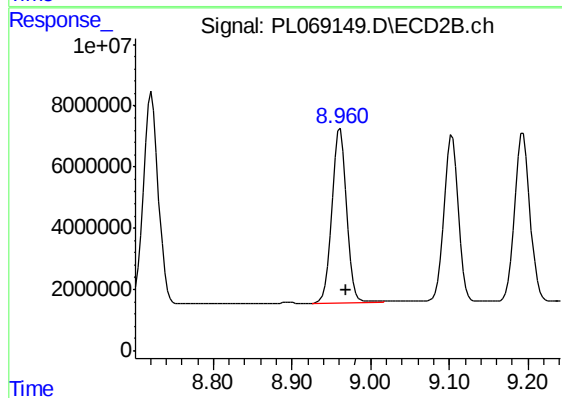
#13 Dieldrin

R.T.: 8.722 min  
Delta R.T.: -0.007 min  
Response: 89468961  
Conc: 82.56 ng/ml



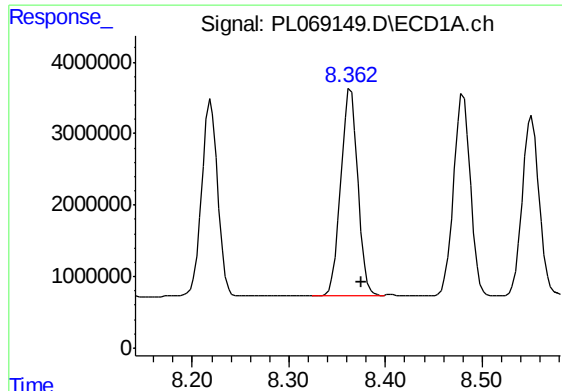
#14 Endrin

R.T.: 8.054 min  
Delta R.T.: -0.011 min  
Response: 36457891  
Conc: 75.65 ng/ml



#14 Endrin

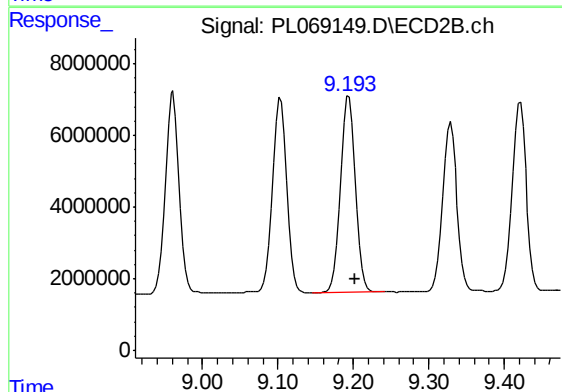
R.T.: 8.961 min  
Delta R.T.: -0.007 min  
Response: 74911886  
Conc: 82.53 ng/ml



#15 Endosulfan II

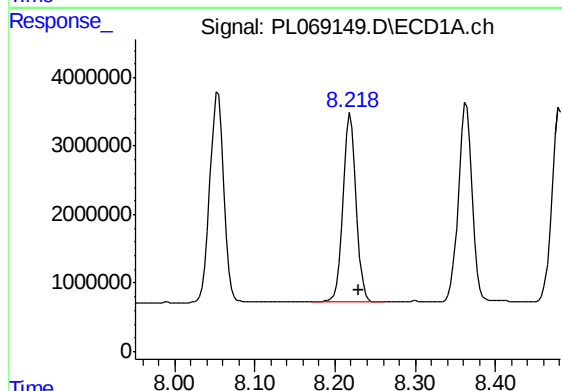
R.T.: 8.364 min  
Delta R.T.: -0.011 min  
Response: 34891158  
Conc: 72.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18NMSD



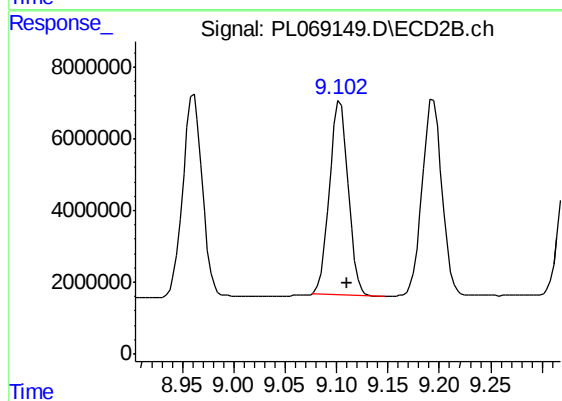
#15 Endosulfan II

R.T.: 9.194 min  
Delta R.T.: -0.008 min  
Response: 73877144  
Conc: 80.55 ng/ml



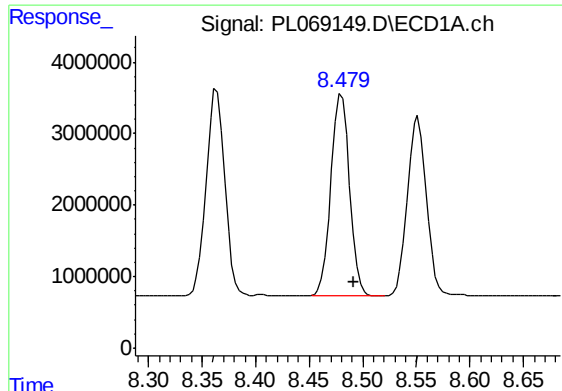
#16 4,4'-DDD

R.T.: 8.219 min  
Delta R.T.: -0.010 min  
Response: 31893164  
Conc: 74.31 ng/ml



#16 4,4'-DDD

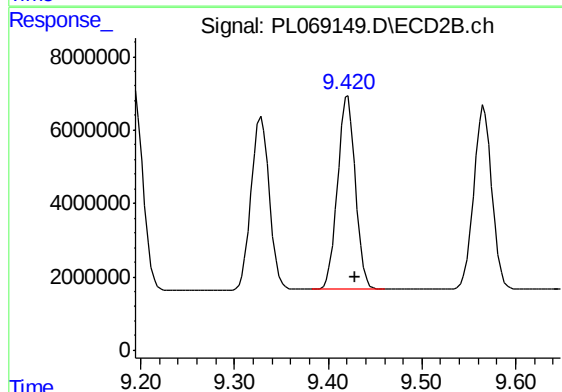
R.T.: 9.104 min  
Delta R.T.: -0.007 min  
Response: 69116189  
Conc: 80.89 ng/ml



#17 4,4'-DDT

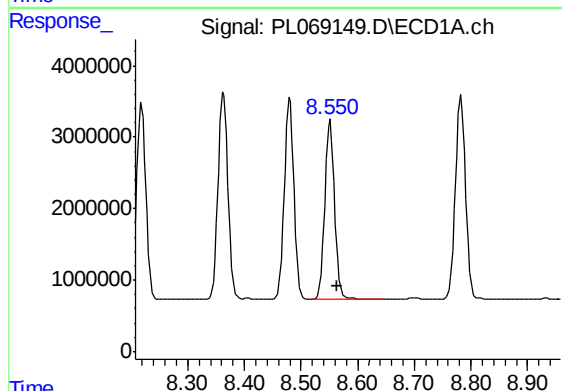
R.T.: 8.480 min  
Delta R.T.: -0.012 min  
Response: 34049073  
Conc: 70.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18NMSD



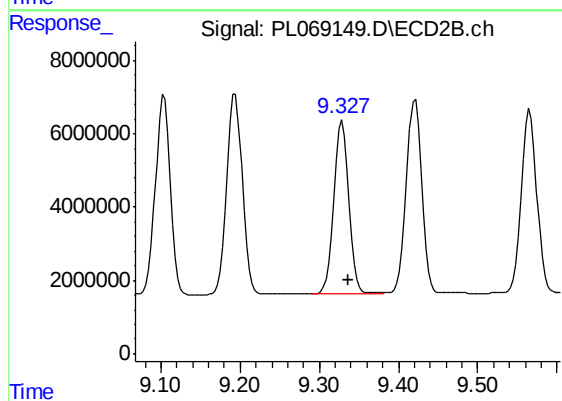
#17 4,4'-DDT

R.T.: 9.421 min  
Delta R.T.: -0.007 min  
Response: 70012346  
Conc: 73.98 ng/ml



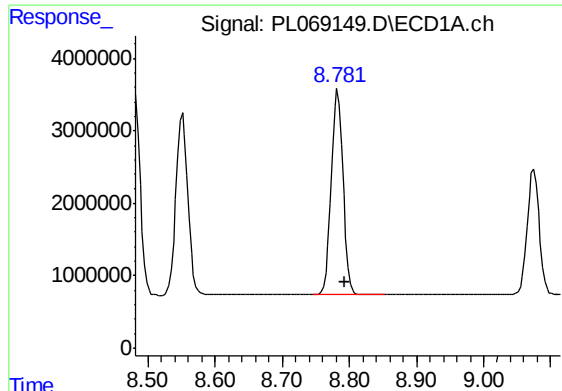
#18 Endrin aldehyde

R.T.: 8.552 min  
Delta R.T.: -0.012 min  
Response: 31099653  
Conc: 82.93 ng/ml



#18 Endrin aldehyde

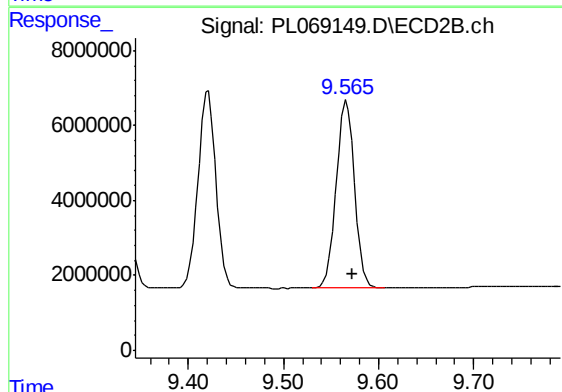
R.T.: 9.329 min  
Delta R.T.: -0.007 min  
Response: 63697929  
Conc: 90.90 ng/ml



#19 Endosulfan Sulfate

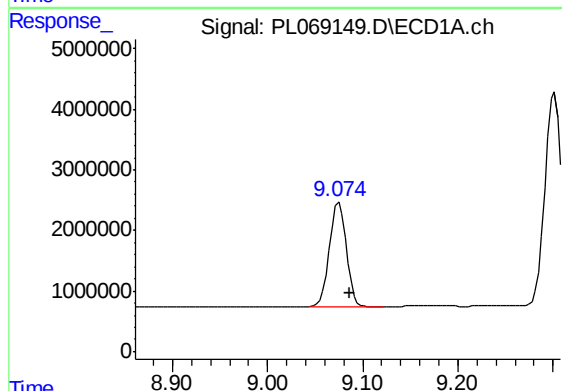
R.T.: 8.783 min  
Delta R.T.: -0.011 min  
Response: 34834098  
Conc: 67.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18NMSD



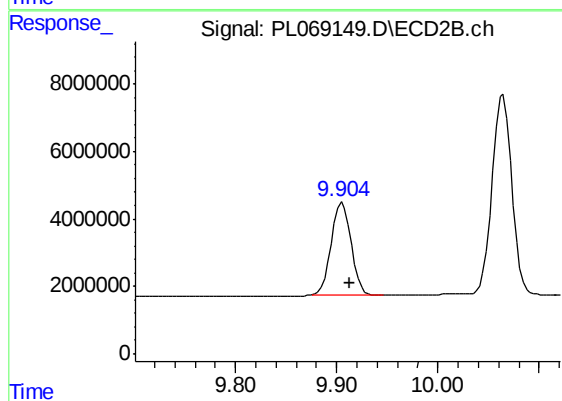
#19 Endosulfan Sulfate

R.T.: 9.566 min  
Delta R.T.: -0.007 min  
Response: 66977588  
Conc: 73.48 ng/ml



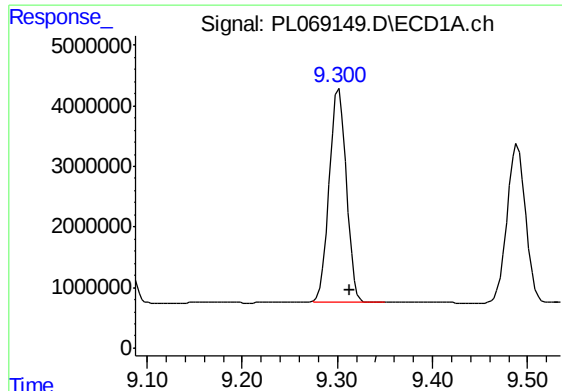
#20 Methoxychlor

R.T.: 9.075 min  
Delta R.T.: -0.012 min  
Response: 21243694  
Conc: 67.86 ng/ml



#20 Methoxychlor

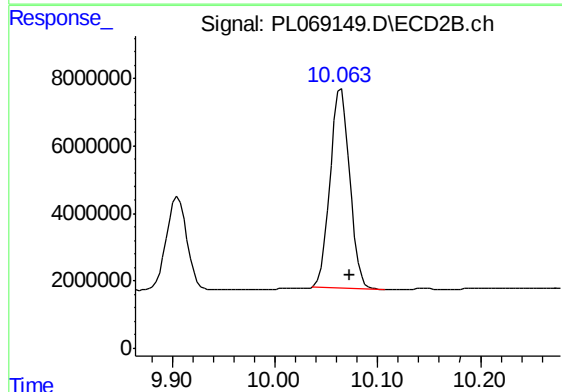
R.T.: 9.906 min  
Delta R.T.: -0.007 min  
Response: 37678390  
Conc: 72.40 ng/ml



#21 Endrin ketone

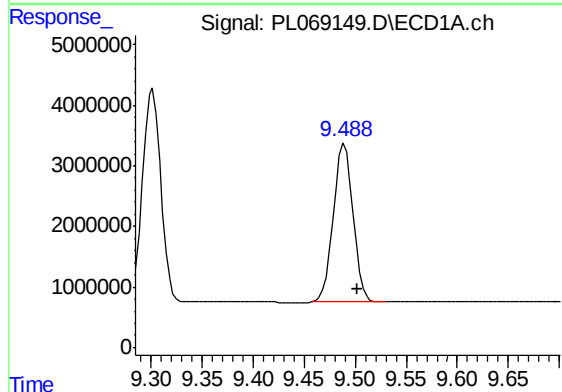
R.T.: 9.301 min  
Delta R.T.: -0.012 min  
Response: 43790453  
Conc: 74.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18NMSD



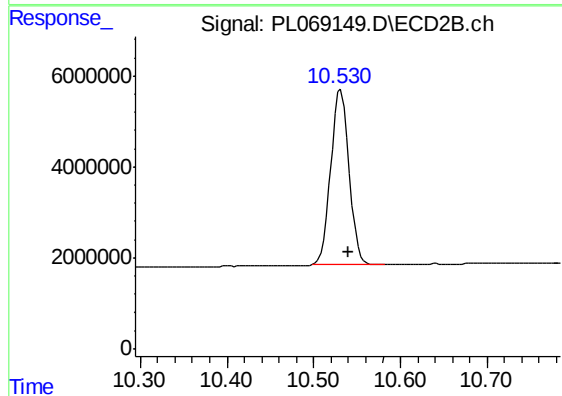
#21 Endrin ketone

R.T.: 10.065 min  
Delta R.T.: -0.008 min  
Response: 78625433  
Conc: 77.21 ng/ml



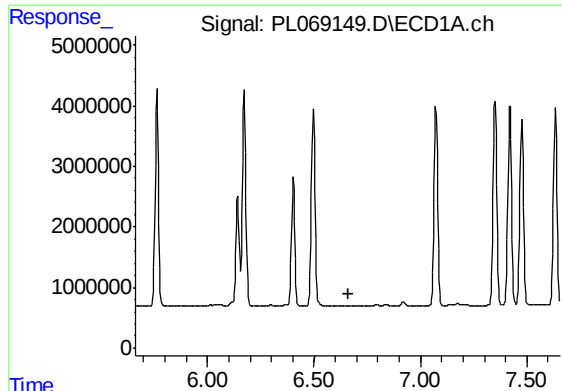
#22 Mirex

R.T.: 9.489 min  
Delta R.T.: -0.013 min  
Response: 35007831  
Conc: 69.87 ng/ml



#22 Mirex

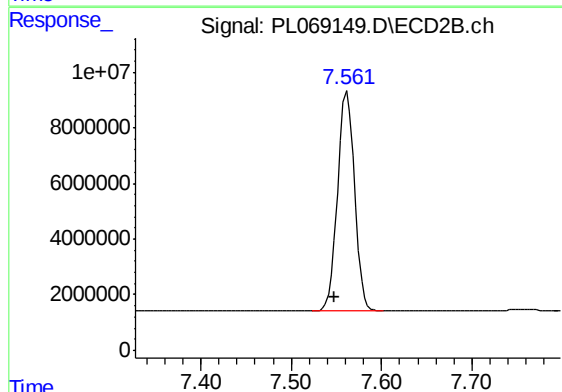
R.T.: 10.531 min  
Delta R.T.: -0.009 min  
Response: 56625324  
Conc: 71.59 ng/ml



#24 Chlordane-2

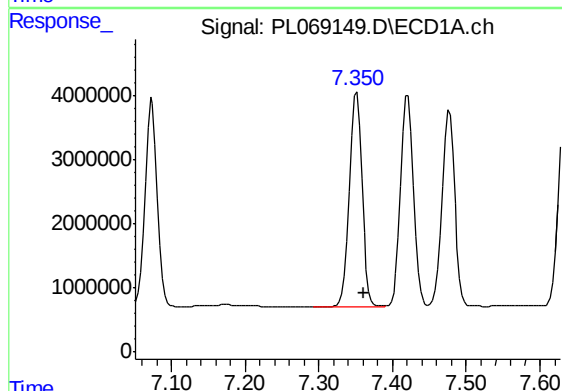
R.T.: 0.000 min  
Exp R.T.: 6.661 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
18NMSD



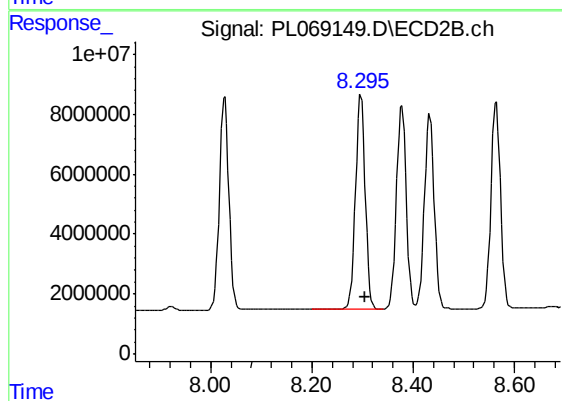
#24 Chlordane-2

R.T.: 7.562 min  
Delta R.T.: 0.014 min  
Response: 101993145  
Conc: 2353.94 ng/ml



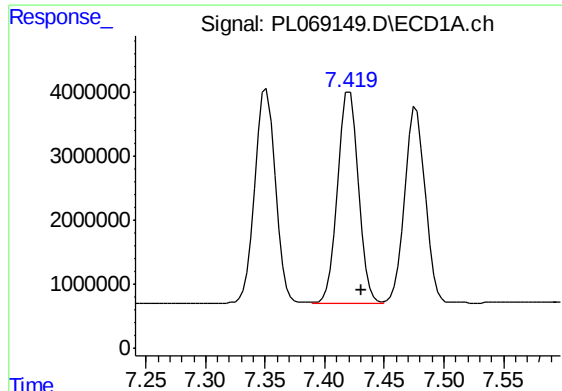
#25 Chlordane-3

R.T.: 7.351 min  
Delta R.T.: -0.011 min  
Response: 39801002  
Conc: 758.80 ng/ml



#25 Chlordane-3

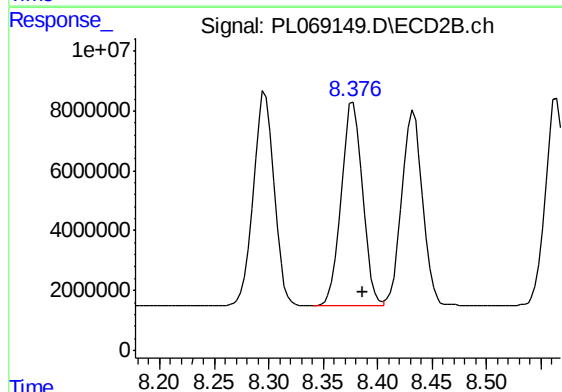
R.T.: 8.297 min  
Delta R.T.: -0.008 min  
Response: 95096044  
Conc: 582.14 ng/ml



#26 Chlordane-4

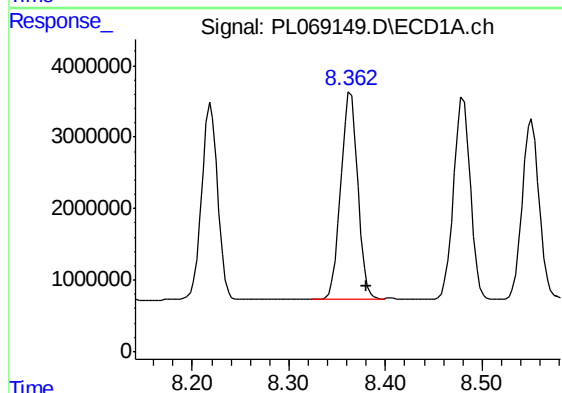
R.T.: 7.421 min  
Delta R.T.: -0.010 min  
Response: 39385632  
Conc: 707.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18NMSD



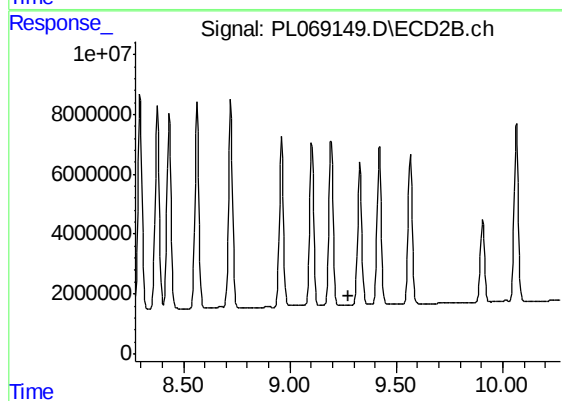
#26 Chlordane-4

R.T.: 8.378 min  
Delta R.T.: -0.009 min  
Response: 92418024  
Conc: 466.00 ng/ml



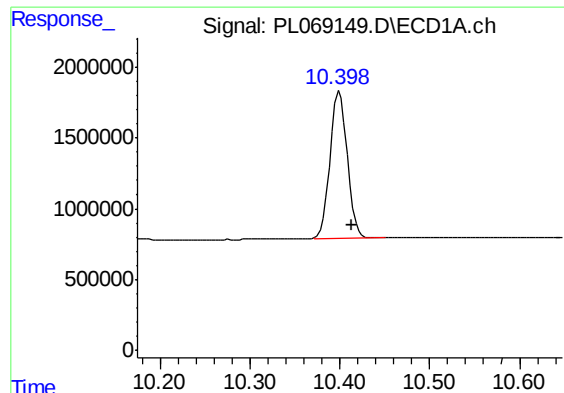
#27 Chlordane-5

R.T.: 8.364 min  
Delta R.T.: -0.017 min  
Response: 34891158  
Conc: 1692.00 ng/ml



#27 Chlordane-5

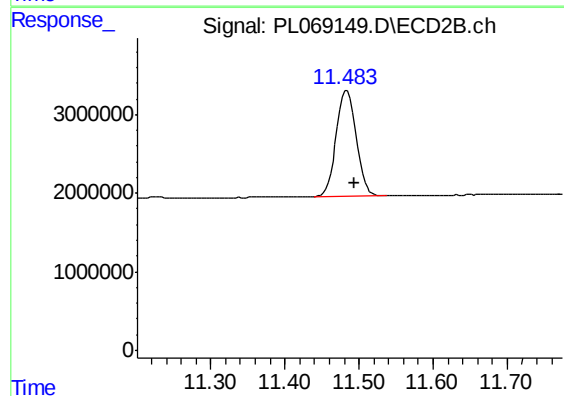
R.T.: 0.000 min  
Exp R.T. : 9.274 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.400 min  
Delta R.T.: -0.014 min  
Response: 13922306  
Conc: 24.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18NMSD



#28 Decachlorobiphenyl

R.T.: 11.484 min  
Delta R.T.: -0.011 min  
Response: 25101355  
Conc: 25.87 ng/ml