

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082121\  
 Data File : PL069310.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Aug 2021 02:33  
 Operator : AR\AJ  
 Sample : PB138599BS  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB138599BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 21 05:00:27 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082021.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Aug 21 02:23:37 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  | 5.567  | 11576480 | 33363140 | 25.091   | 23.290     |
| 28)                         | SA Decachlor... | 10.402 | 11.490 | 14668056 | 25972255 | 21.732   | 21.192     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.340  | 6.148  | 37606893 | 109.4E6  | 58.749   | 55.944     |
| 3)                          | MA gamma-BHC... | 5.763  | 6.544  | 34935466 | 100.1E6  | 54.682   | 54.529     |
| 4)                          | MA Heptachlor   | 6.174  | 7.193  | 37591958 | 94168277 | 54.277   | 51.673     |
| 5)                          | MB Aldrin       | 6.499  | 7.564  | 35066452 | 85803814 | 56.833   | 51.624     |
| 6)                          | B beta-BHC      | 6.142  | 6.796  | 17780748 | 47705313 | 56.693   | 50.762     |
| 7)                          | B delta-BHC     | 6.404  | 7.064  | 35202177 | 95447948 | 56.624   | 51.680     |
| 8)                          | B Heptachlor... | 7.075  | 8.031  | 34063690 | 75902850 | 54.875   | 50.459     |
| 9)                          | A Endosulfan I  | 7.478  | 8.436  | 32207868 | 71984275 | 54.402   | 52.045     |
| 10)                         | B gamma-Chl...  | 7.352  | 8.300  | 35029302 | 81693672 | 54.729   | 53.106     |
| 11)                         | B alpha-Chl...  | 7.422  | 8.381  | 34876162 | 77454720 | 53.523   | 51.838     |
| 12)                         | B 4,4'-DDE      | 7.636  | 8.568  | 31364618 | 73933376 | 55.457   | 52.853     |
| 13)                         | MA Dieldrin     | 7.764  | 8.726  | 33138037 | 75337154 | 54.572   | 53.651     |
| 14)                         | MA Endrin       | 8.055  | 8.965  | 33606269 | 68026185 | 58.189   | 57.957     |
| 15)                         | B Endosulfa...  | 8.365  | 9.198  | 31576788 | 66127783 | 56.832   | 55.884     |
| 16)                         | A 4,4'-DDD      | 8.220  | 9.108  | 27244187 | 64883126 | 53.569   | 52.897     |
| 17)                         | MA 4,4'-DDT     | 8.482  | 9.425  | 30733379 | 61651319 | 53.394   | 50.321     |
| 18)                         | B Endrin al...  | 8.553  | 9.333  | 27064162 | 55696968 | 59.671   | 58.553     |
| 19)                         | B Endosulfa...  | 8.784  | 9.571  | 33045450 | 63719589 | 55.660   | 56.086     |
| 20)                         | A Methoxychlor  | 9.076  | 9.910  | 19055221 | 33758642 | 50.876   | 52.584     |
| 21)                         | B Endrin ke...  | 9.304  | 10.069 | 37681036 | 67679594 | 54.305   | 52.310     |
| 22)                         | Mirex           | 9.491  | 10.536 | 30846206 | 48677262 | 51.862   | 51.939     |
| 24)                         | Chlordane-2     | 0.000  | 7.564f | 0        | 85803814 | N.D.     | 1497.775 # |
| 25)                         | Chlordane-3     | 7.352  | 8.300  | 35029302 | 81693672 | 539.053  | 381.485 #  |
| 26)                         | Chlordane-4     | 7.422  | 8.381  | 34876162 | 77454720 | 499.799  | 300.933 #  |
| 27)                         | Chlordane-5     | 8.365  | 0.000  | 31576788 | 0        | 1238.095 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

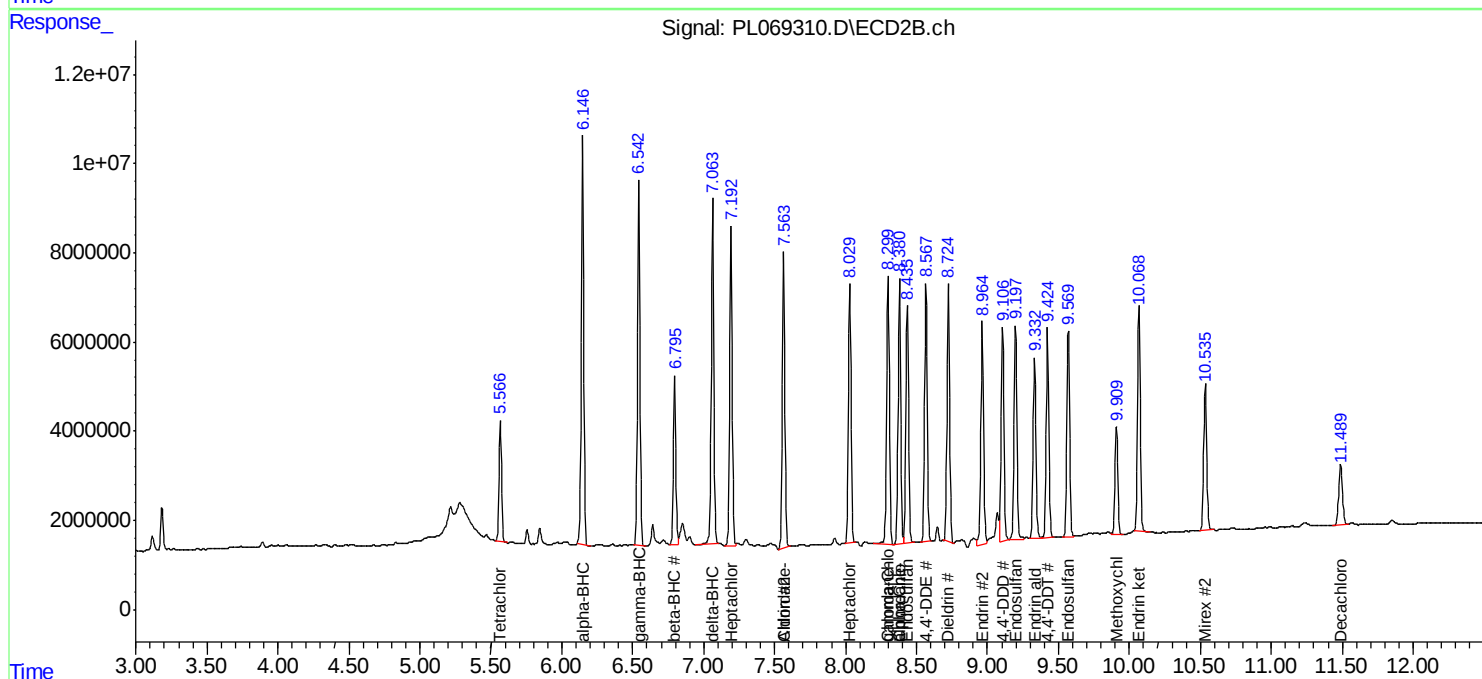
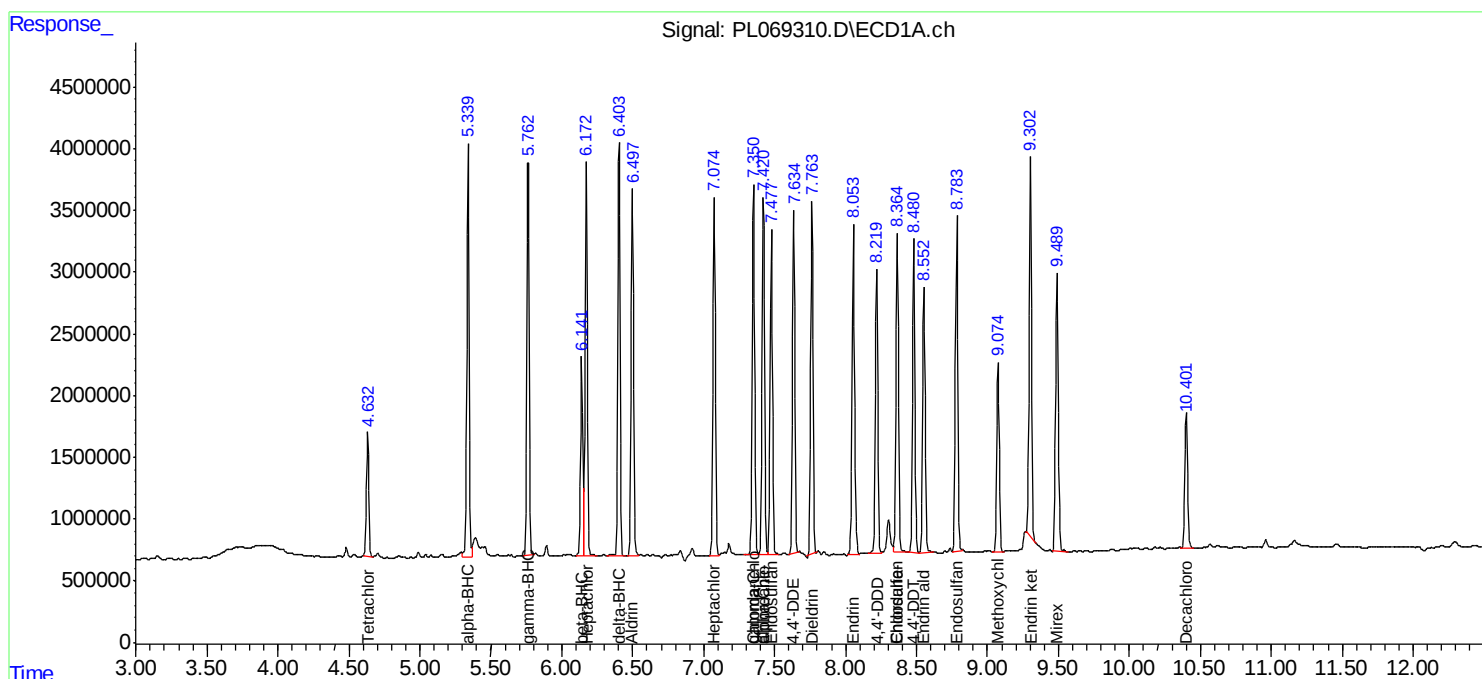
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

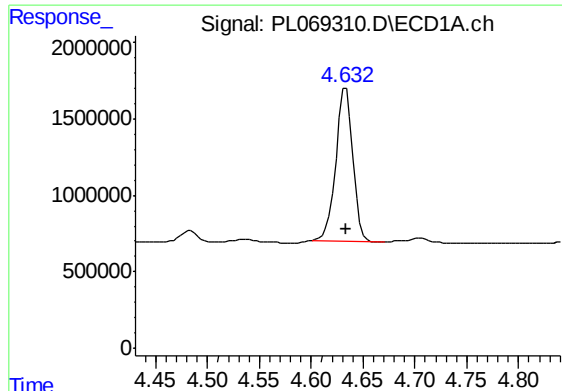
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082121\  
Data File : PL069310.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Aug 2021 02:33  
Operator : AR\AJ  
Sample : PB138599BS  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB138599BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 21 05:00:27 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082021.M  
Quant Title : GC Extractables  
QLast Update : Sat Aug 21 02:23:37 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

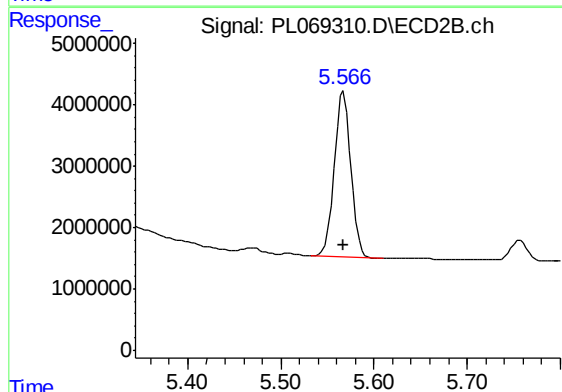




#1 Tetrachloro-m-xylene

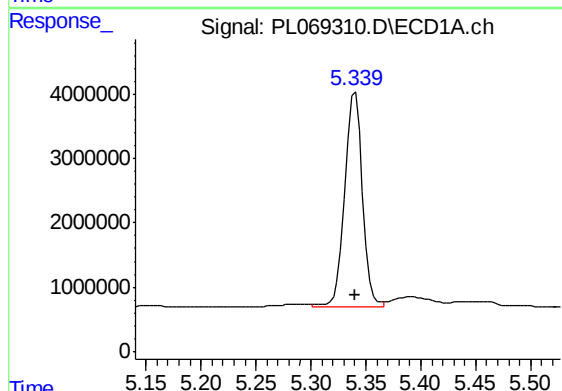
R.T.: 4.633 min  
Delta R.T.: 0.000 min  
Response: 11576480  
Conc: 25.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138599BS



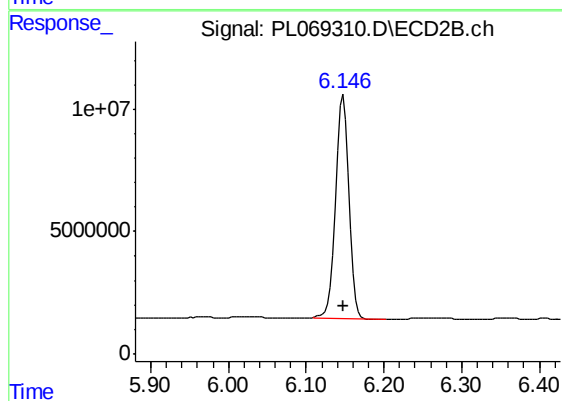
#1 Tetrachloro-m-xylene

R.T.: 5.567 min  
Delta R.T.: 0.000 min  
Response: 33363140  
Conc: 23.29 ng/ml



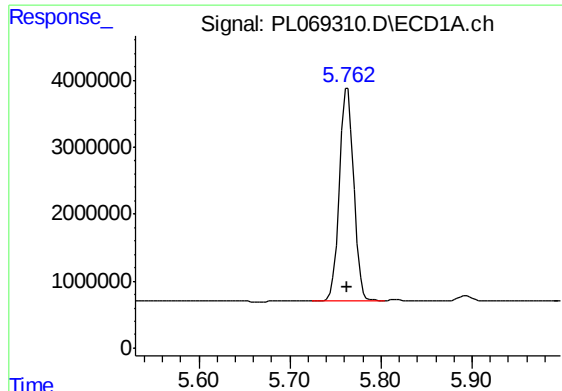
#2 alpha-BHC

R.T.: 5.340 min  
Delta R.T.: 0.000 min  
Response: 37606893  
Conc: 58.75 ng/ml



#2 alpha-BHC

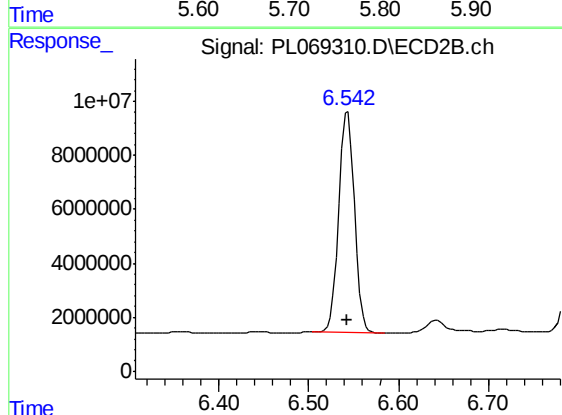
R.T.: 6.148 min  
Delta R.T.: 0.000 min  
Response: 109429587  
Conc: 55.94 ng/ml



#3 gamma-BHC (Lindane)

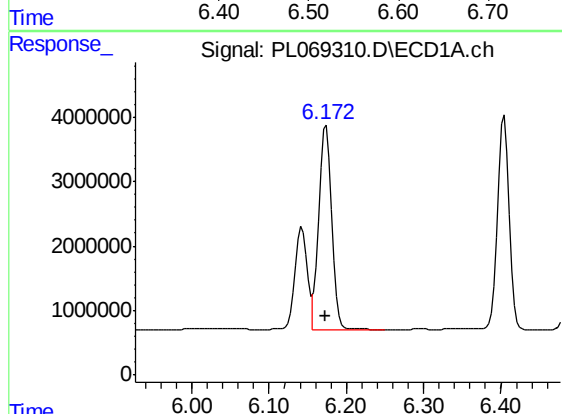
R.T.: 5.763 min  
Delta R.T.: 0.000 min  
Response: 34935466  
Conc: 54.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138599BS



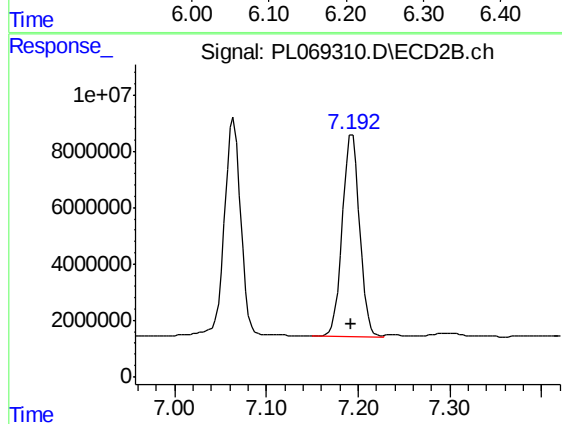
#3 gamma-BHC (Lindane)

R.T.: 6.544 min  
Delta R.T.: 0.000 min  
Response: 100064940  
Conc: 54.53 ng/ml



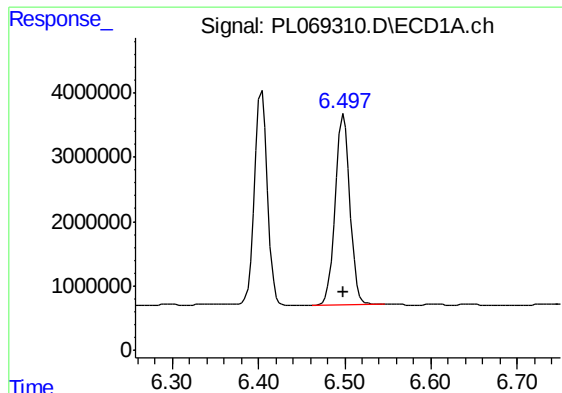
#4 Heptachlor

R.T.: 6.174 min  
Delta R.T.: 0.000 min  
Response: 37591958  
Conc: 54.28 ng/ml



#4 Heptachlor

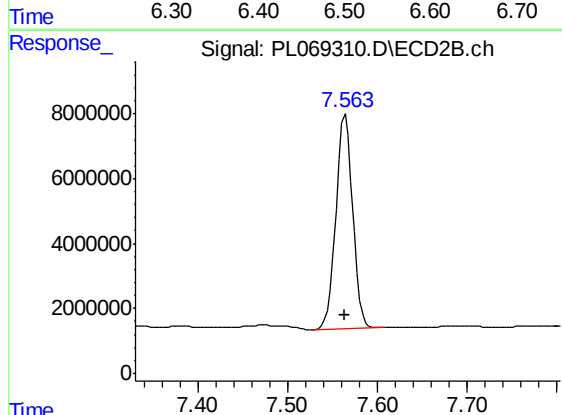
R.T.: 7.193 min  
Delta R.T.: 0.000 min  
Response: 94168277  
Conc: 51.67 ng/ml



#5 Aldrin

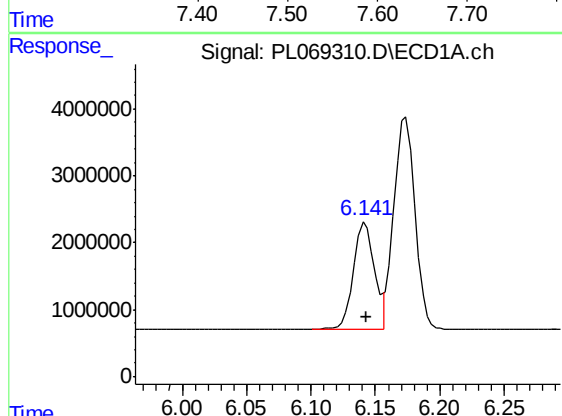
R.T.: 6.499 min  
Delta R.T.: 0.000 min  
Response: 35066452  
Conc: 56.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138599BS



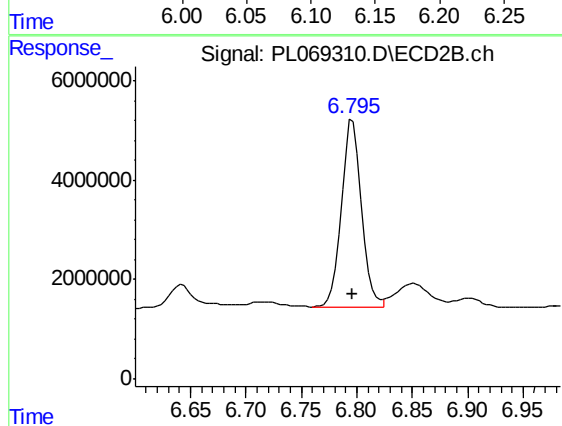
#5 Aldrin

R.T.: 7.564 min  
Delta R.T.: 0.000 min  
Response: 85803814  
Conc: 51.62 ng/ml



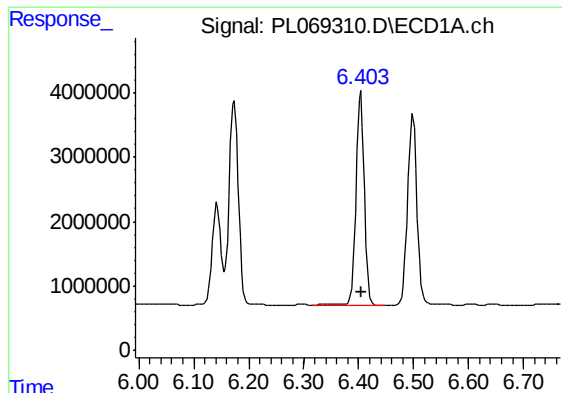
#6 beta-BHC

R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 17780748  
Conc: 56.69 ng/ml



#6 beta-BHC

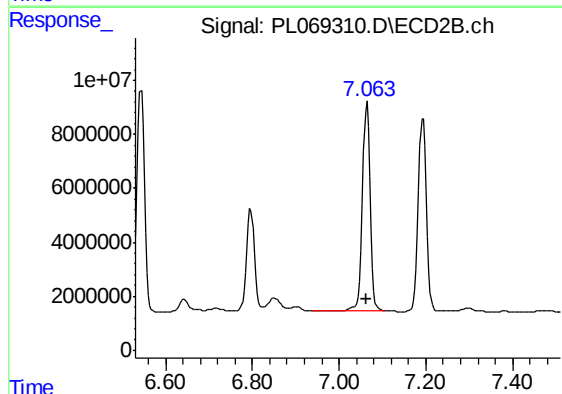
R.T.: 6.796 min  
Delta R.T.: 0.000 min  
Response: 47705313  
Conc: 50.76 ng/ml



#7 delta-BHC

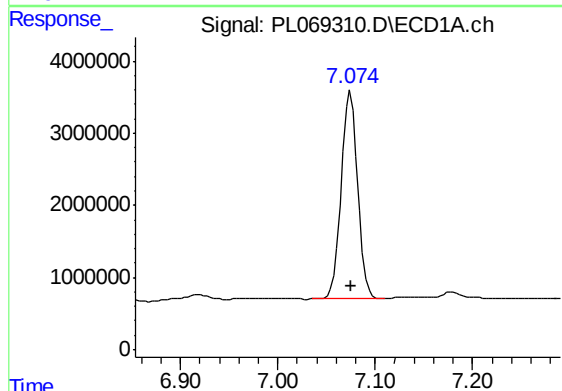
R.T.: 6.404 min  
Delta R.T.: 0.000 min  
Response: 35202177  
Conc: 56.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138599BS



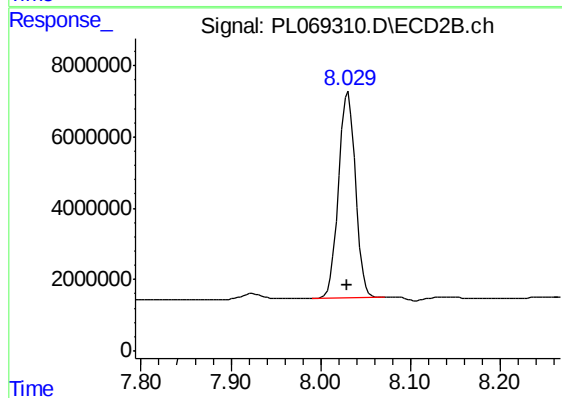
#7 delta-BHC

R.T.: 7.064 min  
Delta R.T.: 0.000 min  
Response: 95447948  
Conc: 51.68 ng/ml



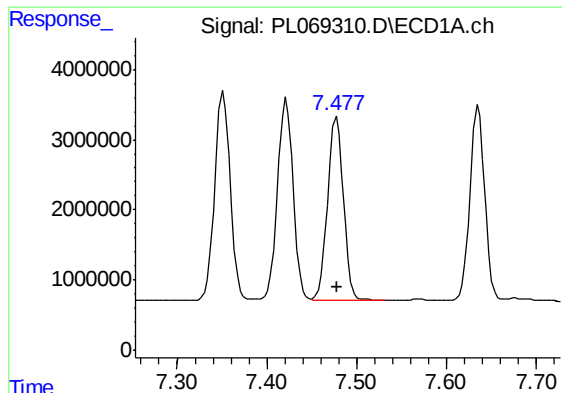
#8 Heptachlor epoxide

R.T.: 7.075 min  
Delta R.T.: 0.000 min  
Response: 34063690  
Conc: 54.88 ng/ml



#8 Heptachlor epoxide

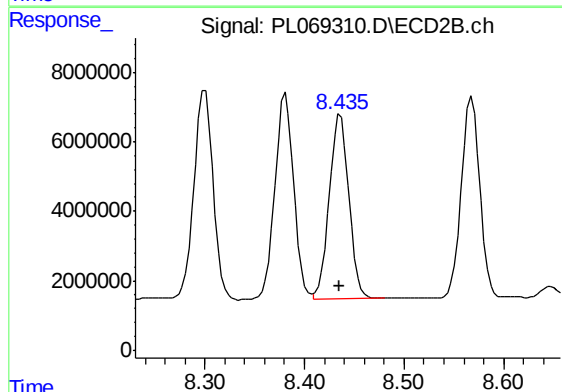
R.T.: 8.031 min  
Delta R.T.: 0.000 min  
Response: 75902850  
Conc: 50.46 ng/ml



#9 Endosulfan I

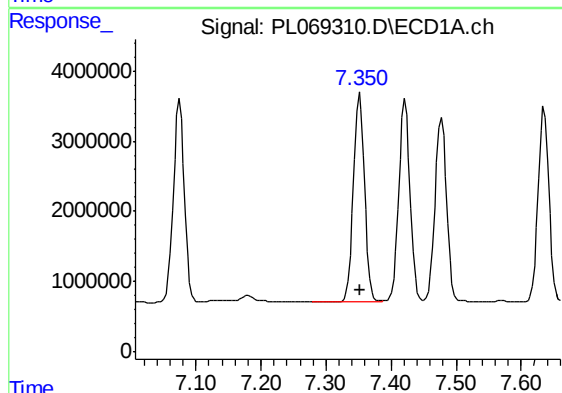
R.T.: 7.478 min  
Delta R.T.: 0.000 min  
Response: 32207868  
Conc: 54.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138599BS



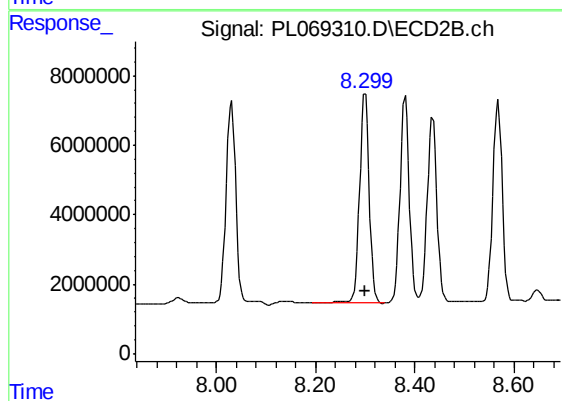
#9 Endosulfan I

R.T.: 8.436 min  
Delta R.T.: 0.000 min  
Response: 71984275  
Conc: 52.04 ng/ml



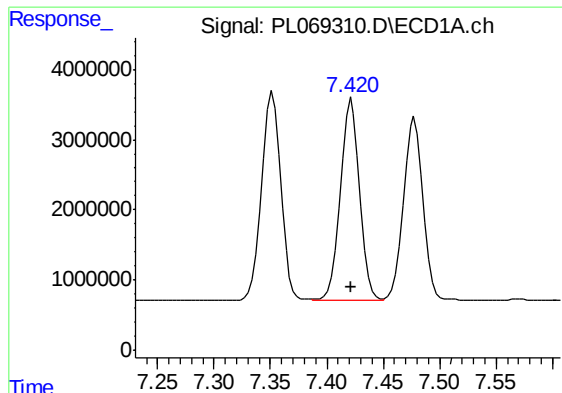
#10 gamma-Chlordane

R.T.: 7.352 min  
Delta R.T.: 0.000 min  
Response: 35029302  
Conc: 54.73 ng/ml



#10 gamma-Chlordane

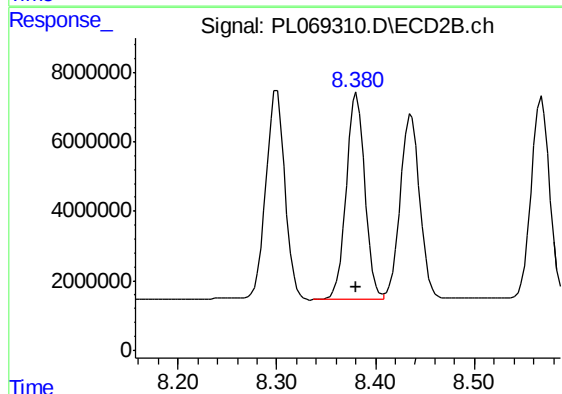
R.T.: 8.300 min  
Delta R.T.: 0.001 min  
Response: 81693672  
Conc: 53.11 ng/ml



#11 alpha-Chlordane

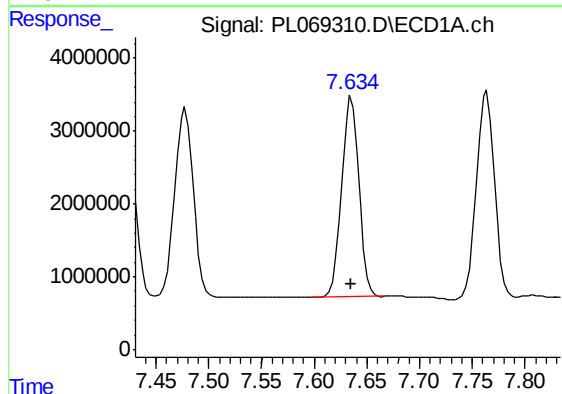
R.T.: 7.422 min  
Delta R.T.: 0.000 min  
Response: 34876162  
Conc: 53.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138599BS



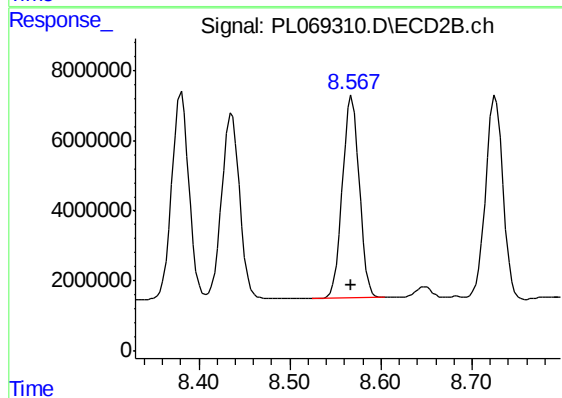
#11 alpha-Chlordane

R.T.: 8.381 min  
Delta R.T.: 0.000 min  
Response: 77454720  
Conc: 51.84 ng/ml



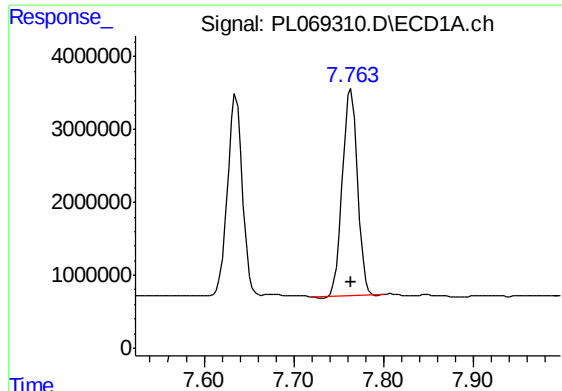
#12 4,4'-DDE

R.T.: 7.636 min  
Delta R.T.: 0.000 min  
Response: 31364618  
Conc: 55.46 ng/ml



#12 4,4'-DDE

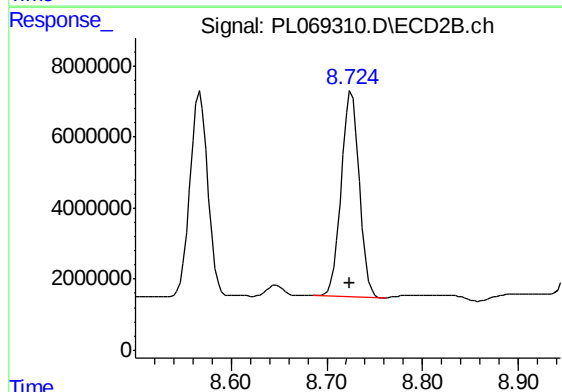
R.T.: 8.568 min  
Delta R.T.: 0.000 min  
Response: 73933376  
Conc: 52.85 ng/ml



#13 Dieldrin

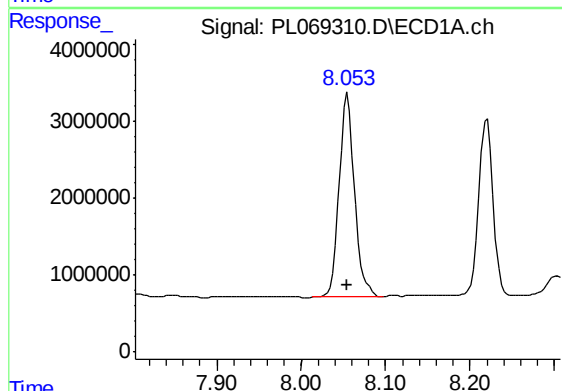
R.T.: 7.764 min  
Delta R.T.: 0.000 min  
Response: 33138037  
Conc: 54.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138599BS



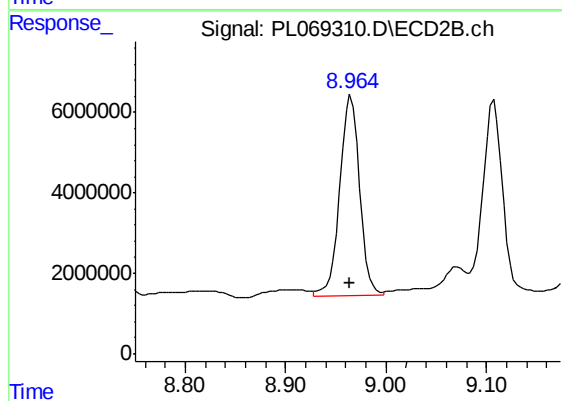
#13 Dieldrin

R.T.: 8.726 min  
Delta R.T.: 0.001 min  
Response: 75337154  
Conc: 53.65 ng/ml



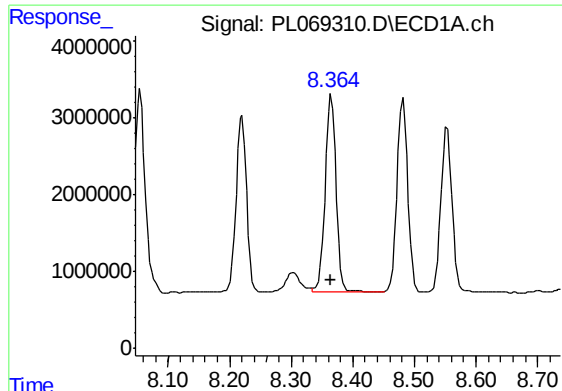
#14 Endrin

R.T.: 8.055 min  
Delta R.T.: 0.000 min  
Response: 33606269  
Conc: 58.19 ng/ml



#14 Endrin

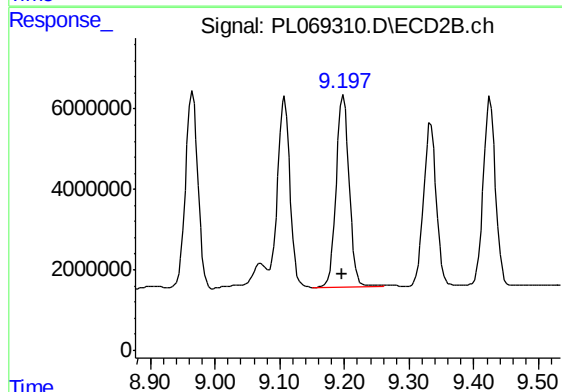
R.T.: 8.965 min  
Delta R.T.: 0.001 min  
Response: 68026185  
Conc: 57.96 ng/ml



#15 Endosulfan II

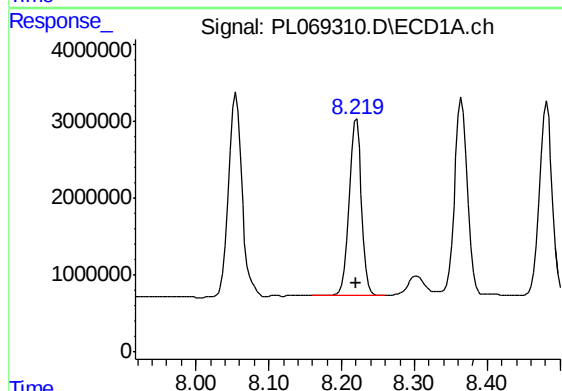
R.T.: 8.365 min  
Delta R.T.: 0.000 min  
Response: 31576788  
Conc: 56.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138599BS



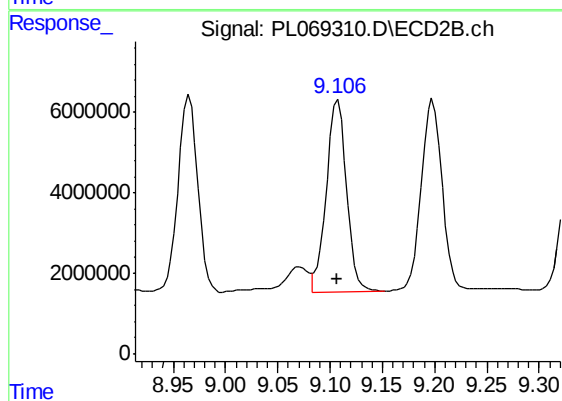
#15 Endosulfan II

R.T.: 9.198 min  
Delta R.T.: 0.001 min  
Response: 66127783  
Conc: 55.88 ng/ml



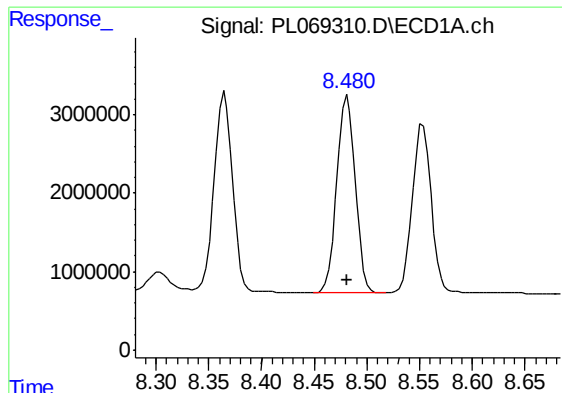
#16 4,4'-DDD

R.T.: 8.220 min  
Delta R.T.: 0.000 min  
Response: 27244187  
Conc: 53.57 ng/ml



#16 4,4'-DDD

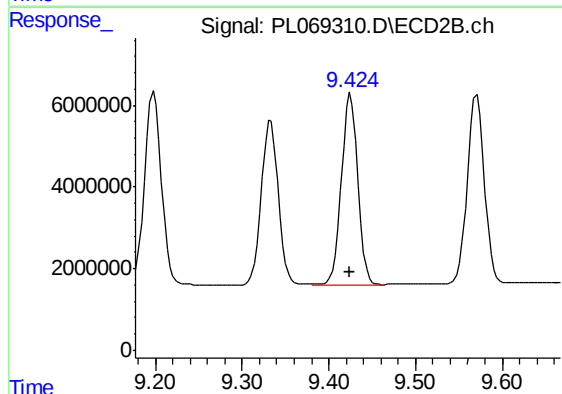
R.T.: 9.108 min  
Delta R.T.: 0.001 min  
Response: 64883126  
Conc: 52.90 ng/ml



#17 4,4'-DDT

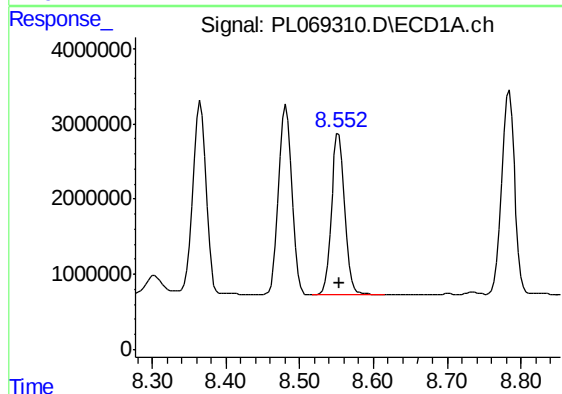
R.T.: 8.482 min  
Delta R.T.: 0.000 min  
Response: 30733379  
Conc: 53.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138599BS



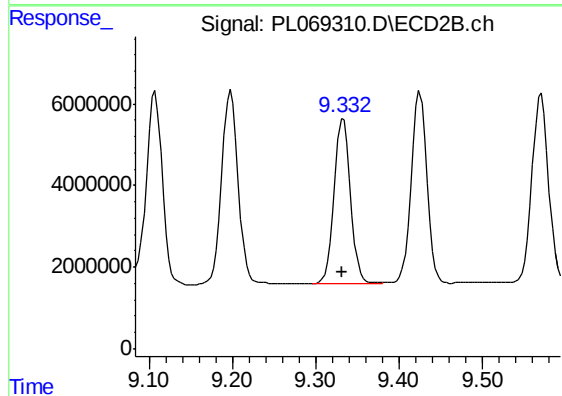
#17 4,4'-DDT

R.T.: 9.425 min  
Delta R.T.: 0.001 min  
Response: 61651319  
Conc: 50.32 ng/ml



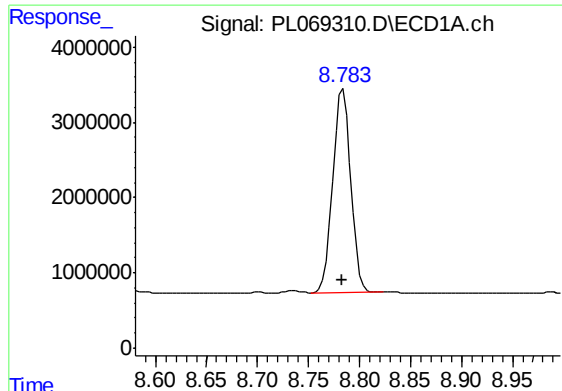
#18 Endrin aldehyde

R.T.: 8.553 min  
Delta R.T.: 0.000 min  
Response: 27064162  
Conc: 59.67 ng/ml



#18 Endrin aldehyde

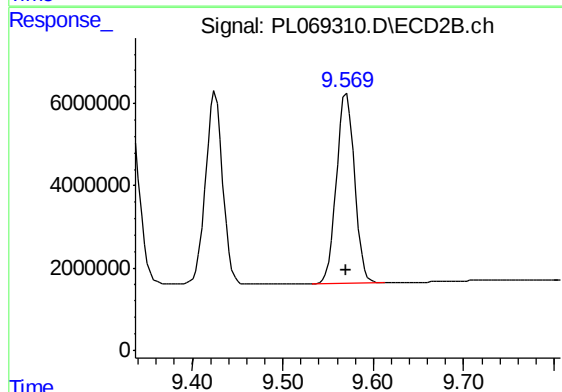
R.T.: 9.333 min  
Delta R.T.: 0.000 min  
Response: 55696968  
Conc: 58.55 ng/ml



#19 Endosulfan Sulfate

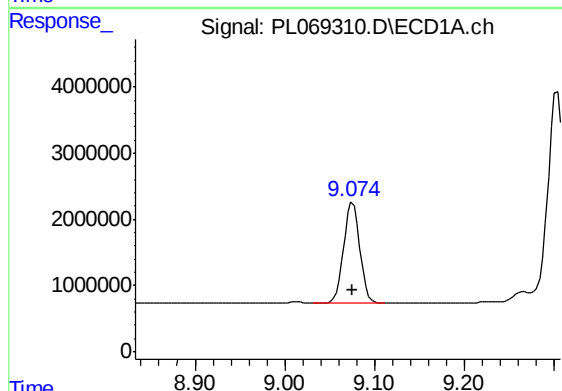
R.T.: 8.784 min  
Delta R.T.: 0.000 min  
Response: 33045450  
Conc: 55.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138599BS



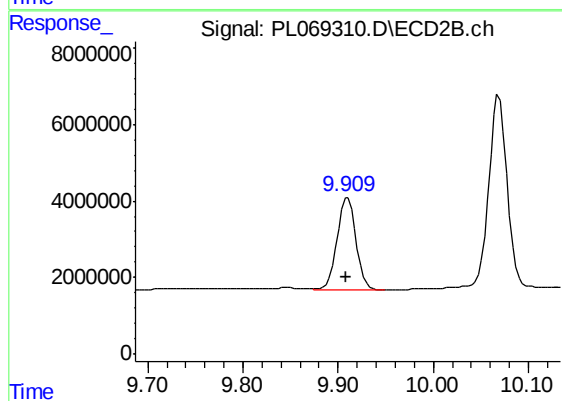
#19 Endosulfan Sulfate

R.T.: 9.571 min  
Delta R.T.: 0.001 min  
Response: 63719589  
Conc: 56.09 ng/ml



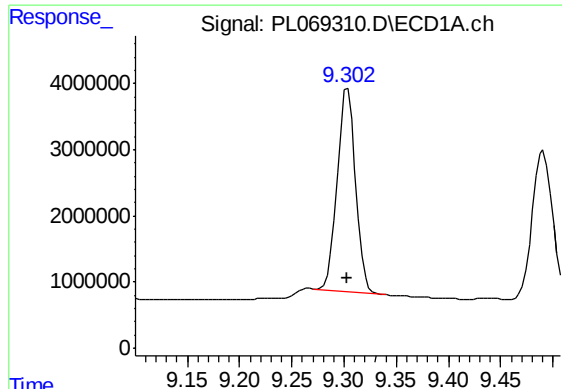
#20 Methoxychlor

R.T.: 9.076 min  
Delta R.T.: 0.000 min  
Response: 19055221  
Conc: 50.88 ng/ml



#20 Methoxychlor

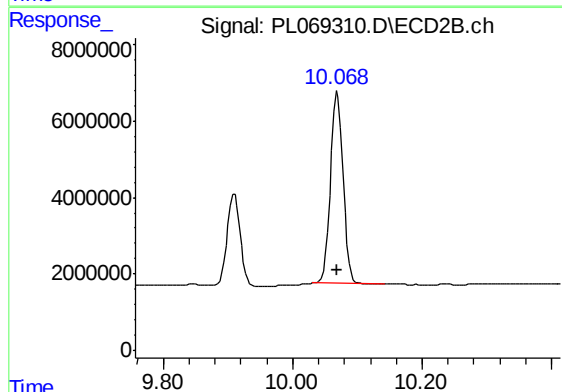
R.T.: 9.910 min  
Delta R.T.: 0.001 min  
Response: 33758642  
Conc: 52.58 ng/ml



#21 Endrin ketone

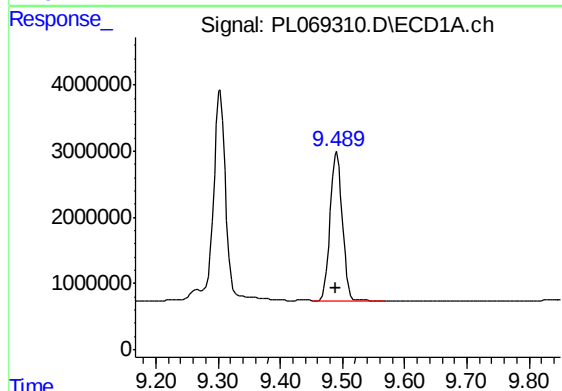
R.T.: 9.304 min  
Delta R.T.: 0.001 min  
Response: 37681036  
Conc: 54.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138599BS



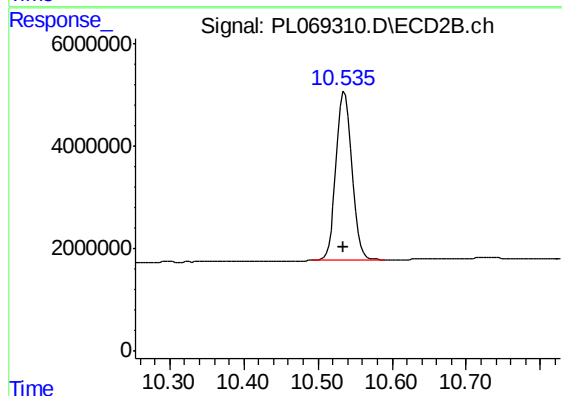
#21 Endrin ketone

R.T.: 10.069 min  
Delta R.T.: 0.002 min  
Response: 67679594  
Conc: 52.31 ng/ml



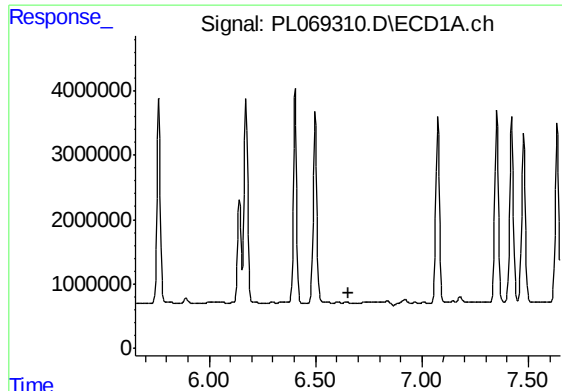
#22 Mirex

R.T.: 9.491 min  
Delta R.T.: 0.000 min  
Response: 30846206  
Conc: 51.86 ng/ml



#22 Mirex

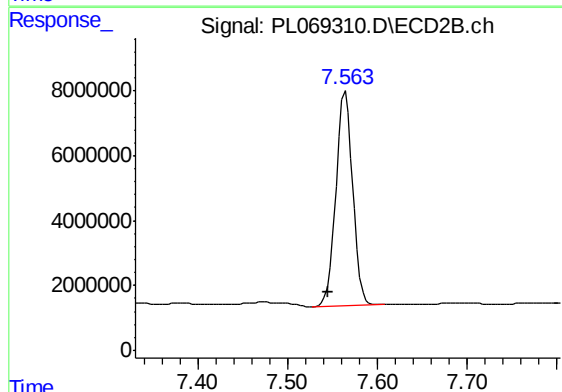
R.T.: 10.536 min  
Delta R.T.: 0.001 min  
Response: 48677262  
Conc: 51.94 ng/ml



#24 Chlordane-2

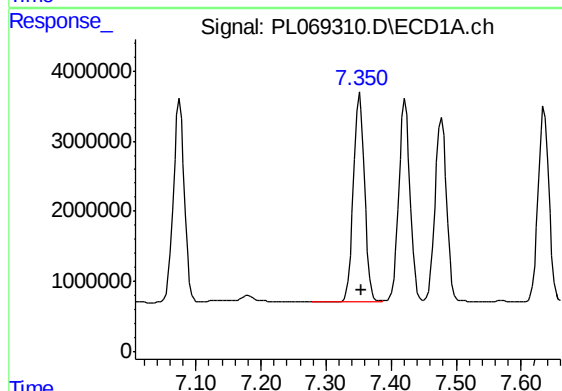
R.T.: 0.000 min  
Exp R.T.: 6.653 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB138599BS



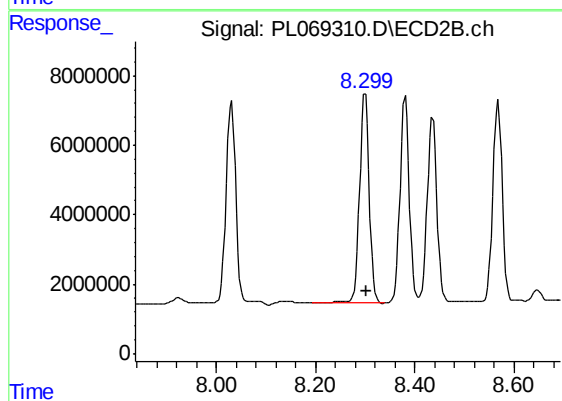
#24 Chlordane-2

R.T.: 7.564 min  
Delta R.T.: 0.019 min  
Response: 85803814  
Conc: 1497.77 ng/ml



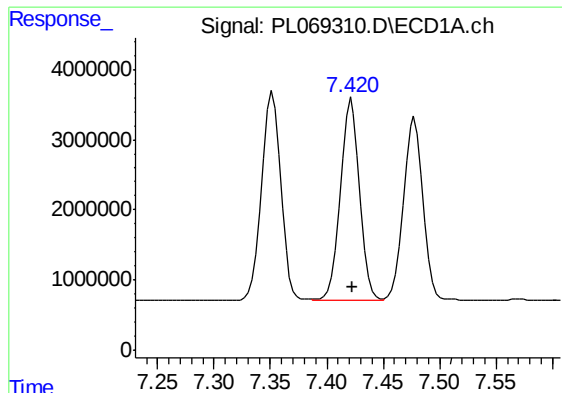
#25 Chlordane-3

R.T.: 7.352 min  
Delta R.T.: -0.002 min  
Response: 35029302  
Conc: 539.05 ng/ml



#25 Chlordane-3

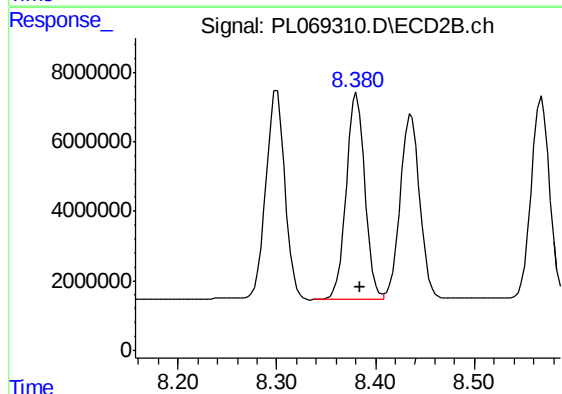
R.T.: 8.300 min  
Delta R.T.: -0.002 min  
Response: 81693672  
Conc: 381.48 ng/ml



#26 Chlordane-4

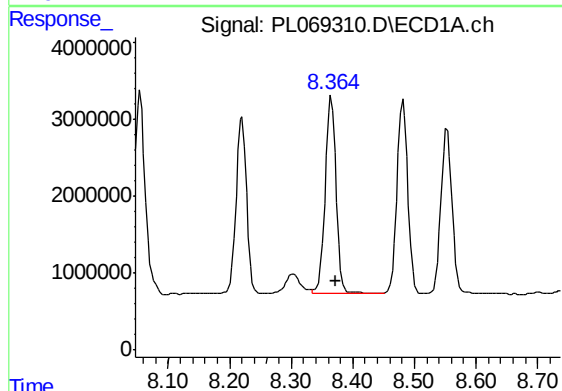
R.T.: 7.422 min  
Delta R.T.: -0.001 min  
Response: 34876162  
Conc: 499.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138599BS



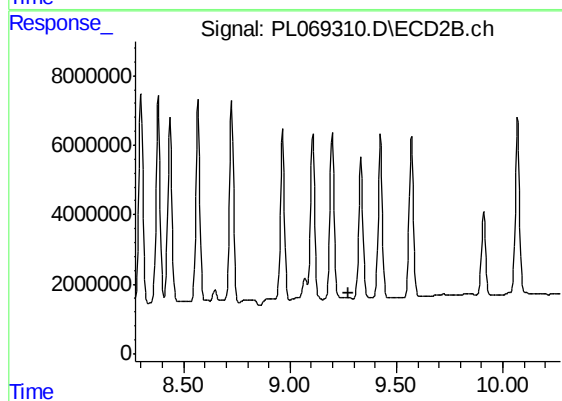
#26 Chlordane-4

R.T.: 8.381 min  
Delta R.T.: -0.004 min  
Response: 77454720  
Conc: 300.93 ng/ml



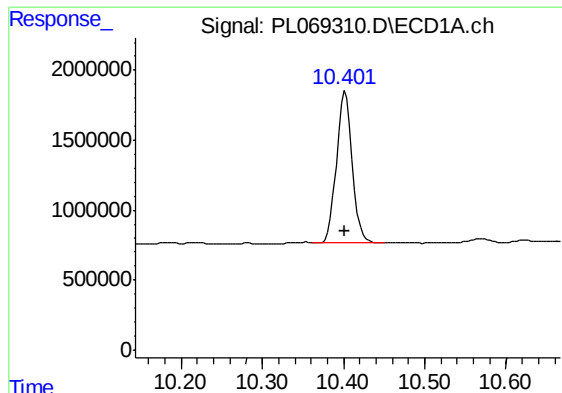
#27 Chlordane-5

R.T.: 8.365 min  
Delta R.T.: -0.007 min  
Response: 31576788  
Conc: 1238.10 ng/ml



#27 Chlordane-5

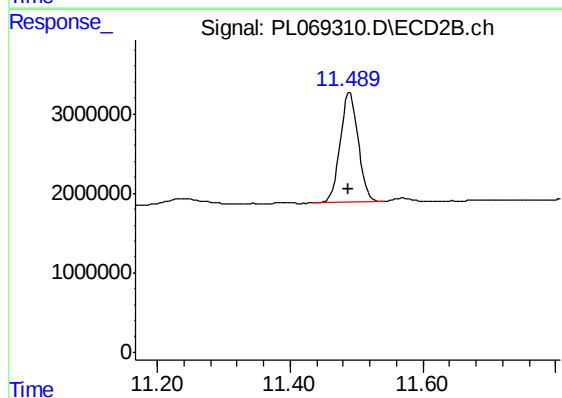
R.T.: 0.000 min  
Exp R.T. : 9.273 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.402 min  
Delta R.T.: 0.000 min  
Response: 14668056  
Conc: 21.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138599BS



#28 Decachlorobiphenyl

R.T.: 11.490 min  
Delta R.T.: 0.002 min  
Response: 25972255  
Conc: 21.19 ng/ml