

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083021\  
 Data File : PL069595.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Aug 2021 01:38  
 Operator : AR\AJ  
 Sample : PB138749BS  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB138749BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 31 04:50:23 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL083021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 31 01:49:30 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  | 5.569  | 6761628  | 26501695 | 21.720   | 21.065     |
| 28)                         | SA Decachlor... | 10.402 | 11.492 | 12683740 | 22772247 | 21.507   | 20.180     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.340  | 6.150  | 22910415 | 93397259 | 55.066   | 53.601     |
| 3)                          | MA gamma-BHC... | 5.763  | 6.546  | 23449814 | 86236480 | 53.630   | 53.083     |
| 4)                          | MA Heptachlor   | 6.174  | 7.195  | 25700768 | 83217106 | 52.579   | 52.252     |
| 5)                          | MB Aldrin       | 6.499  | 7.567  | 24557056 | 76787442 | 54.082   | 52.321     |
| 6)                          | B beta-BHC      | 6.143  | 6.799  | 12497963 | 41453569 | 52.078   | 47.708     |
| 7)                          | B delta-BHC     | 6.404  | 7.067  | 22767339 | 79080577 | 49.613   | 49.424     |
| 8)                          | B Heptachlor... | 7.075  | 8.033  | 25490753 | 70835285 | 52.736   | 52.431     |
| 9)                          | A Endosulfan I  | 7.478  | 8.439  | 24849154 | 65103446 | 52.557   | 50.642     |
| 10)                         | B gamma-Chl...  | 7.352  | 8.303  | 26923888 | 71079115 | 52.483   | 51.176     |
| 11)                         | B alpha-Chl...  | 7.422  | 8.384  | 27046546 | 69395946 | 52.047   | 50.711     |
| 12)                         | B 4,4'-DDE      | 7.636  | 8.570  | 24064630 | 67916909 | 53.391   | 51.272     |
| 13)                         | MA Dieldrin     | 7.764  | 8.728  | 26186673 | 67395991 | 52.951   | 51.028     |
| 14)                         | MA Endrin       | 8.055  | 8.968  | 24227770 | 55221734 | 50.771   | 49.546     |
| 15)                         | B Endosulfa...  | 8.366  | 9.201  | 24750097 | 56307779 | 50.332   | 49.474     |
| 16)                         | A 4,4'-DDD      | 8.221  | 9.110  | 21677543 | 54083911 | 53.699   | 49.722     |
| 17)                         | MA 4,4'-DDT     | 8.482  | 9.428  | 23452859 | 53277612 | 50.462   | 48.885     |
| 18)                         | B Endrin al...  | 8.554  | 9.336  | 22566812 | 49709464 | 52.742   | 51.177     |
| 19)                         | B Endosulfa...  | 8.785  | 9.573  | 26555357 | 54919654 | 50.192   | 49.753     |
| 20)                         | A Methoxychlor  | 9.076  | 9.913  | 14900476 | 27452886 | 48.349   | 47.457     |
| 21)                         | B Endrin ke...  | 9.304  | 10.072 | 31638138 | 60608171 | 52.698   | 51.029     |
| 22)                         | Mirex           | 9.491  | 10.539 | 26621729 | 44358461 | 48.975   | 49.431     |
| 24)                         | Chlordane-2     | 0.000  | 7.567f | 0        | 76787442 | N.D.     | 1391.166 # |
| 25)                         | Chlordane-3     | 7.352  | 8.303  | 26923888 | 71079115 | 504.725  | 344.072 #  |
| 26)                         | Chlordane-4     | 7.422  | 8.384  | 27046546 | 69395946 | 471.054  | 279.793 #  |
| 27)                         | Chlordane-5     | 8.366  | 0.000  | 24750097 | 0        | 1112.657 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

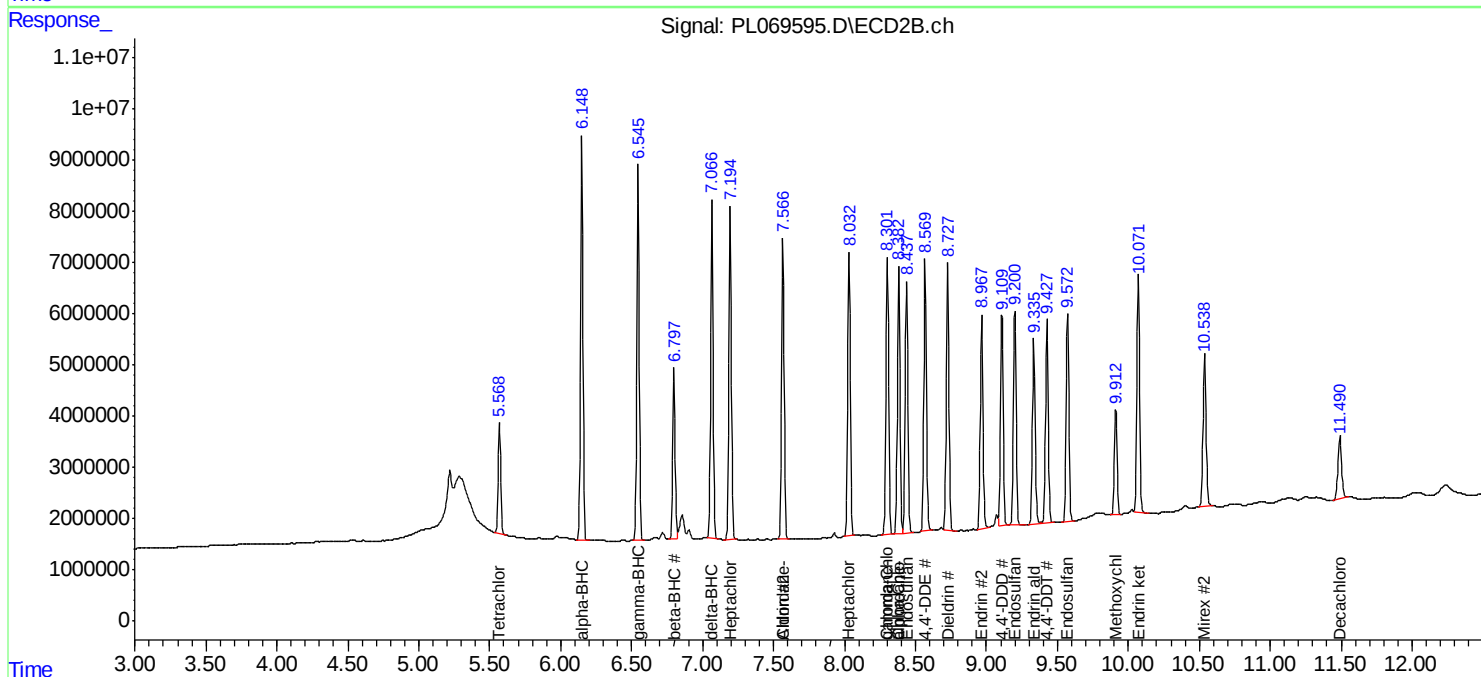
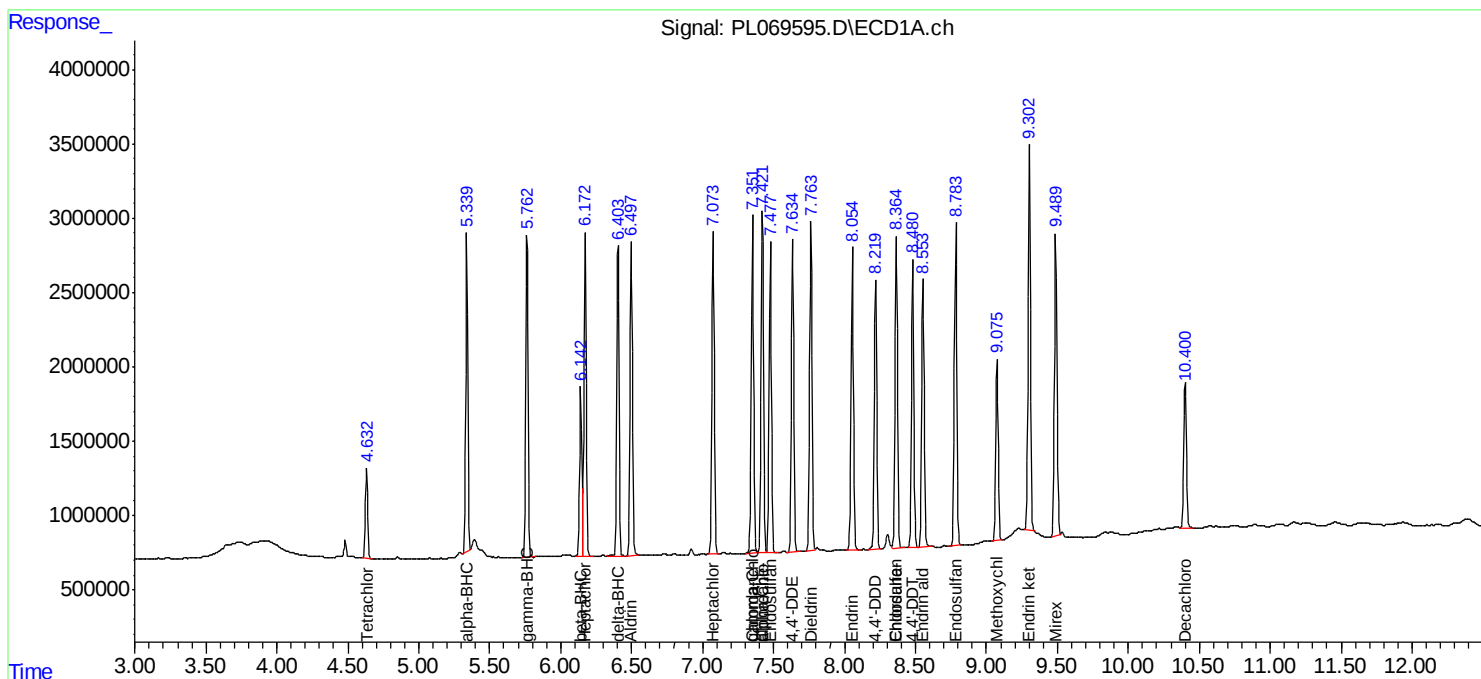
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

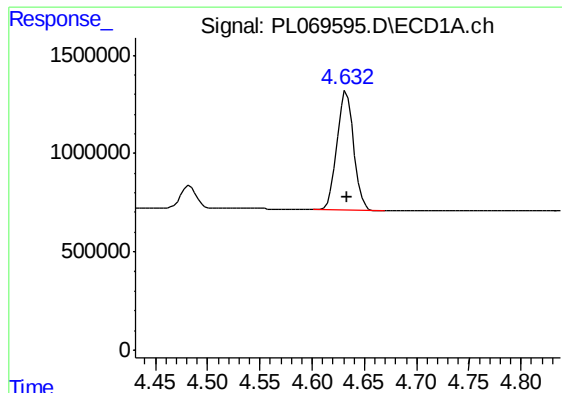
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083021\  
Data File : PL069595.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Aug 2021 01:38  
Operator : AR\AJ  
Sample : PB138749BS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB138749BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 31 04:50:23 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL083021.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 31 01:49:30 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

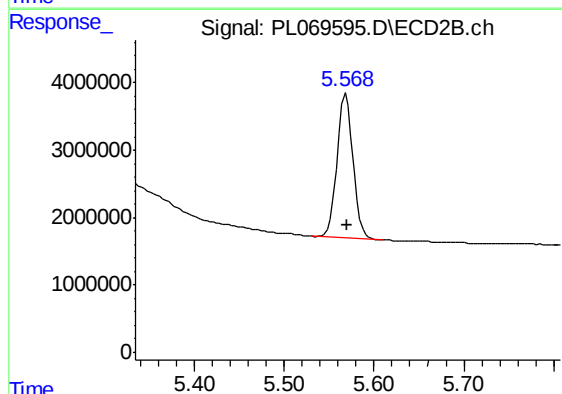




#1 Tetrachloro-m-xylene

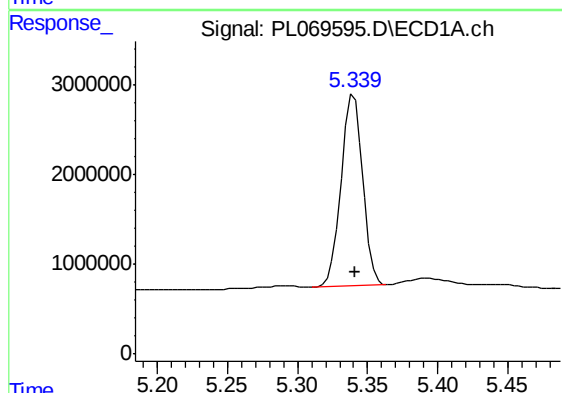
R.T.: 4.633 min  
Delta R.T.: -0.001 min  
Response: 6761628  
Conc: 21.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138749BS



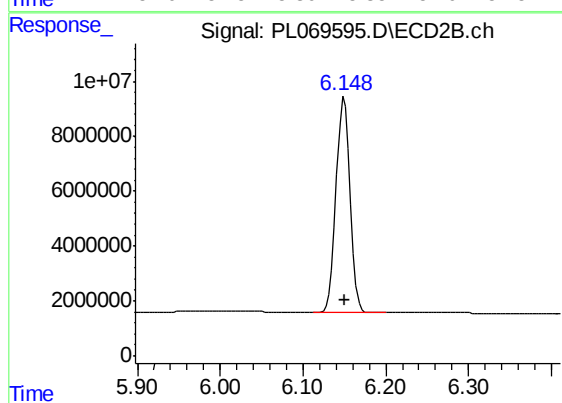
#1 Tetrachloro-m-xylene

R.T.: 5.569 min  
Delta R.T.: 0.000 min  
Response: 26501695  
Conc: 21.07 ng/ml



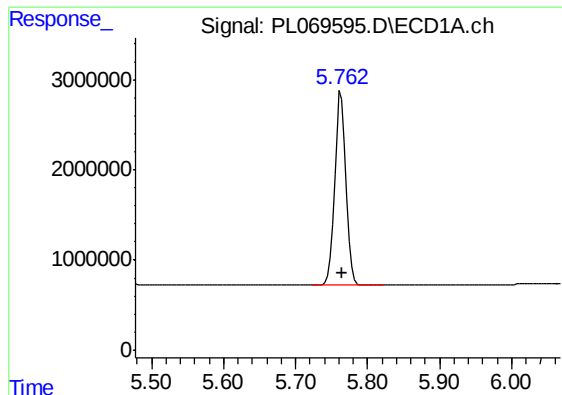
#2 alpha-BHC

R.T.: 5.340 min  
Delta R.T.: 0.000 min  
Response: 22910415  
Conc: 55.07 ng/ml



#2 alpha-BHC

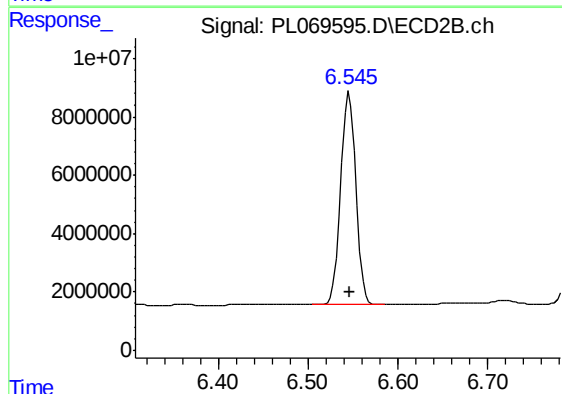
R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: 93397259  
Conc: 53.60 ng/ml



#3 gamma-BHC (Lindane)

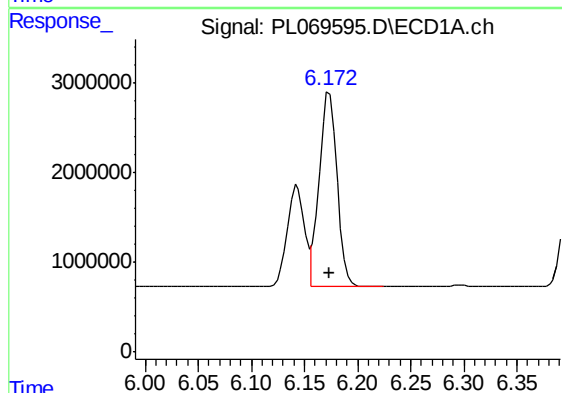
R.T.: 5.763 min  
Delta R.T.: 0.000 min  
Response: 23449814  
Conc: 53.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138749BS



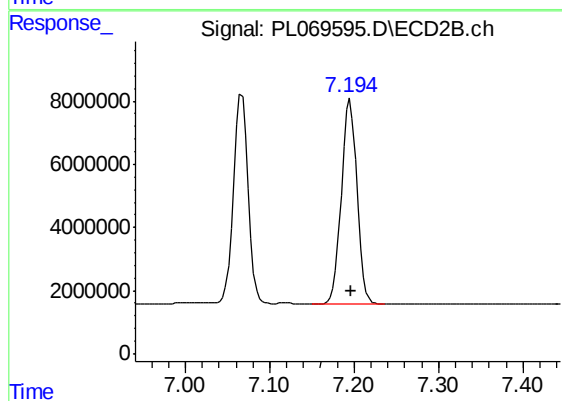
#3 gamma-BHC (Lindane)

R.T.: 6.546 min  
Delta R.T.: 0.000 min  
Response: 86236480  
Conc: 53.08 ng/ml



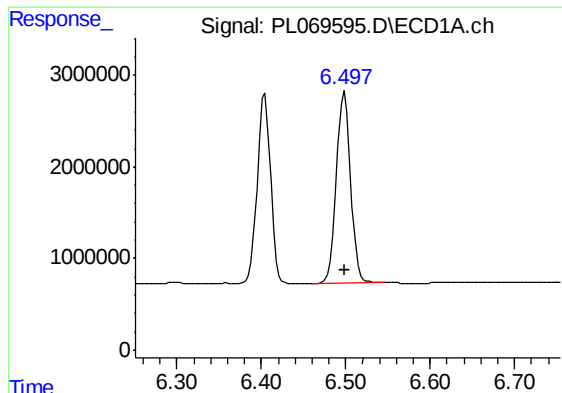
#4 Heptachlor

R.T.: 6.174 min  
Delta R.T.: 0.000 min  
Response: 25700768  
Conc: 52.58 ng/ml



#4 Heptachlor

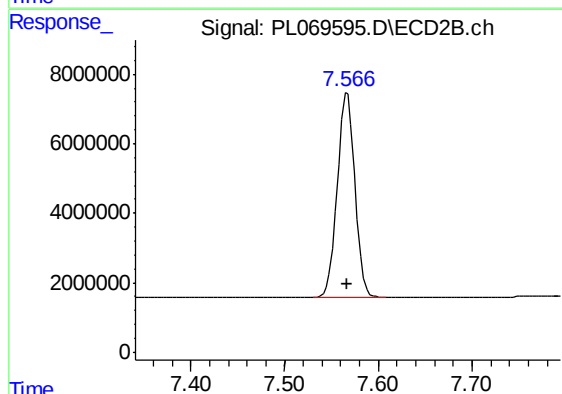
R.T.: 7.195 min  
Delta R.T.: 0.000 min  
Response: 83217106  
Conc: 52.25 ng/ml



#5 Aldrin

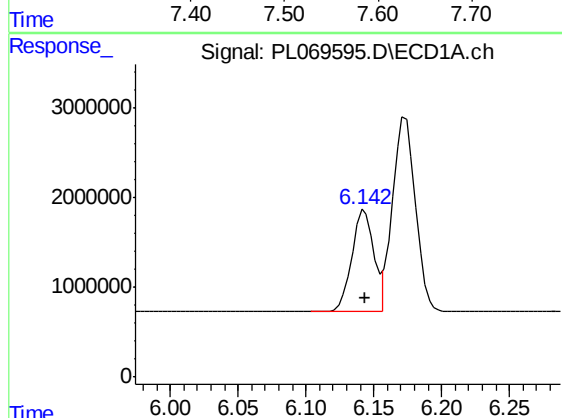
R.T.: 6.499 min  
Delta R.T.: 0.000 min  
Response: 24557056  
Conc: 54.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138749BS



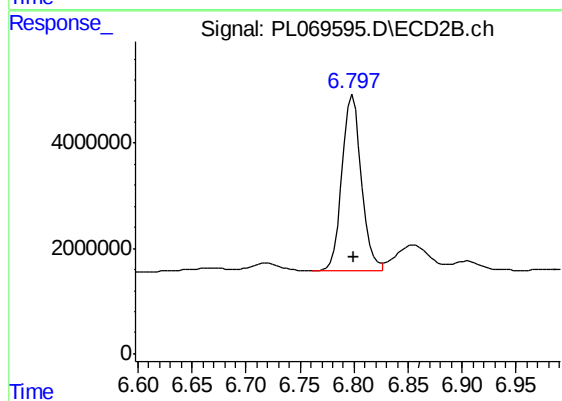
#5 Aldrin

R.T.: 7.567 min  
Delta R.T.: 0.000 min  
Response: 76787442  
Conc: 52.32 ng/ml



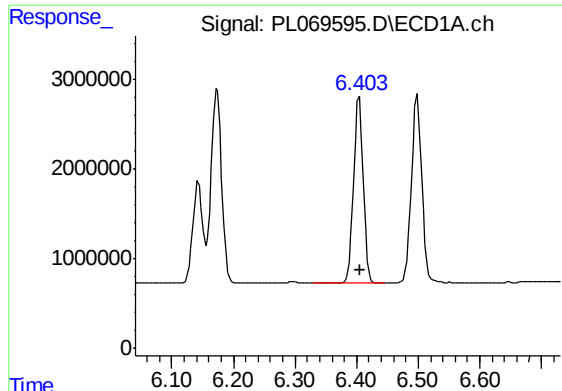
#6 beta-BHC

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 12497963  
Conc: 52.08 ng/ml



#6 beta-BHC

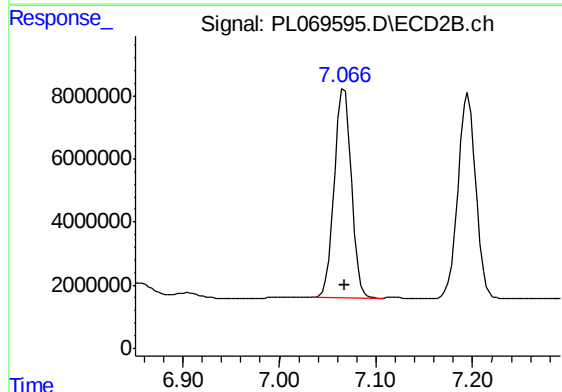
R.T.: 6.799 min  
Delta R.T.: 0.000 min  
Response: 41453569  
Conc: 47.71 ng/ml



#7 delta-BHC

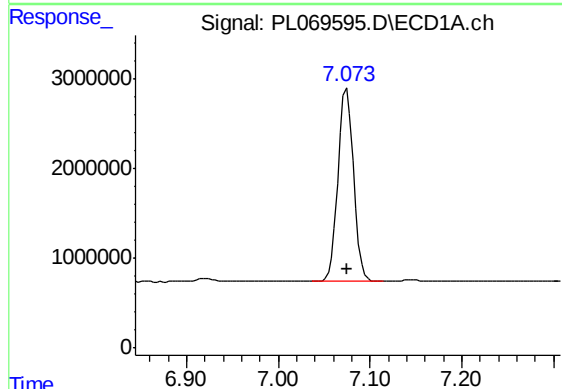
R.T.: 6.404 min  
Delta R.T.: 0.000 min  
Response: 22767339  
Conc: 49.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138749BS



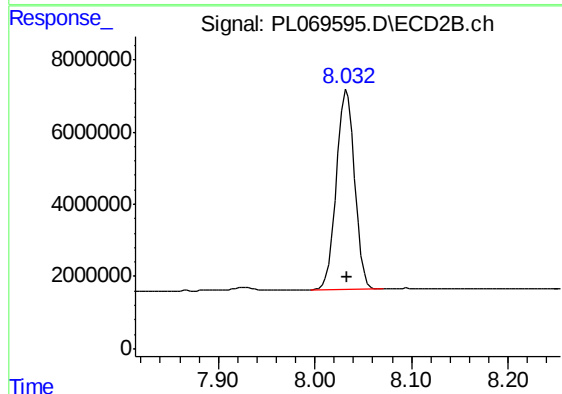
#7 delta-BHC

R.T.: 7.067 min  
Delta R.T.: 0.000 min  
Response: 79080577  
Conc: 49.42 ng/ml



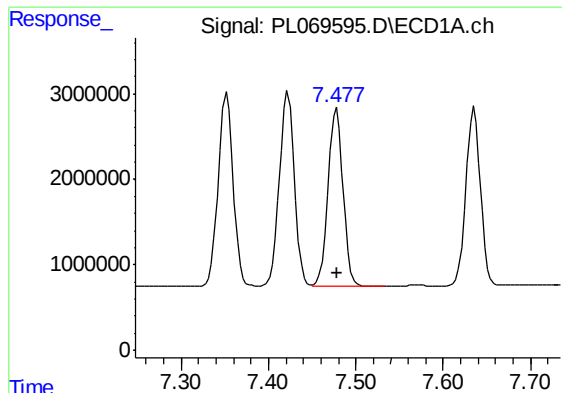
#8 Heptachlor epoxide

R.T.: 7.075 min  
Delta R.T.: 0.000 min  
Response: 25490753  
Conc: 52.74 ng/ml



#8 Heptachlor epoxide

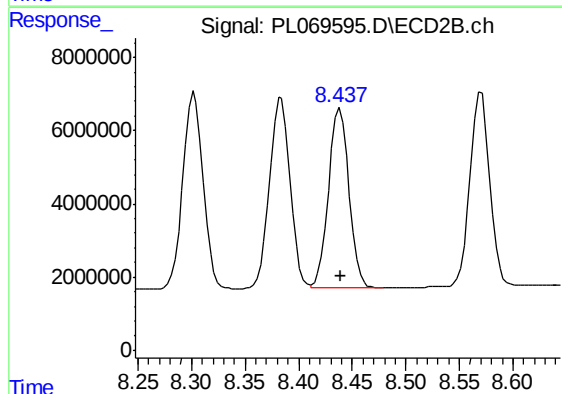
R.T.: 8.033 min  
Delta R.T.: 0.000 min  
Response: 70835285  
Conc: 52.43 ng/ml



#9 Endosulfan I

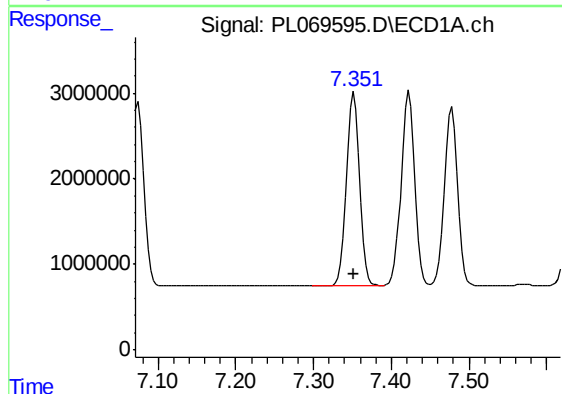
R.T.: 7.478 min  
Delta R.T.: 0.000 min  
Response: 24849154  
Conc: 52.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138749BS



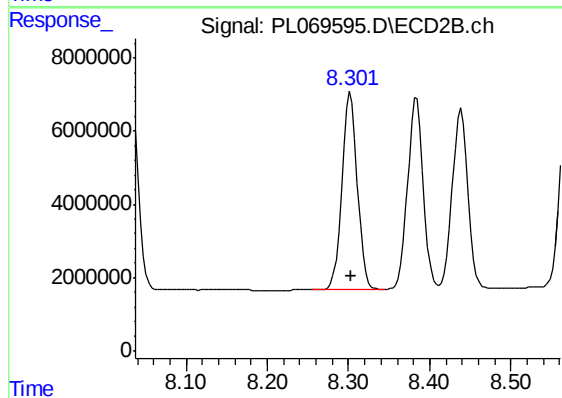
#9 Endosulfan I

R.T.: 8.439 min  
Delta R.T.: 0.000 min  
Response: 65103446  
Conc: 50.64 ng/ml



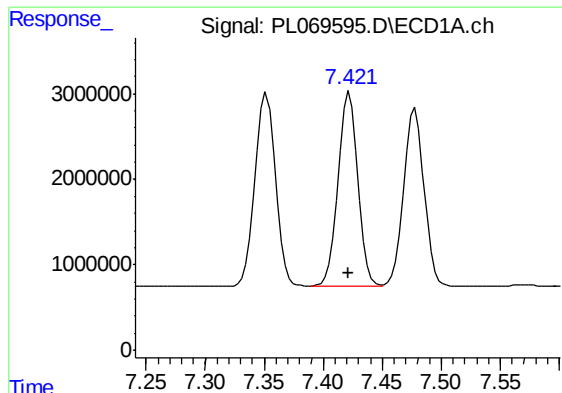
#10 gamma-Chlordane

R.T.: 7.352 min  
Delta R.T.: 0.000 min  
Response: 26923888  
Conc: 52.48 ng/ml



#10 gamma-Chlordane

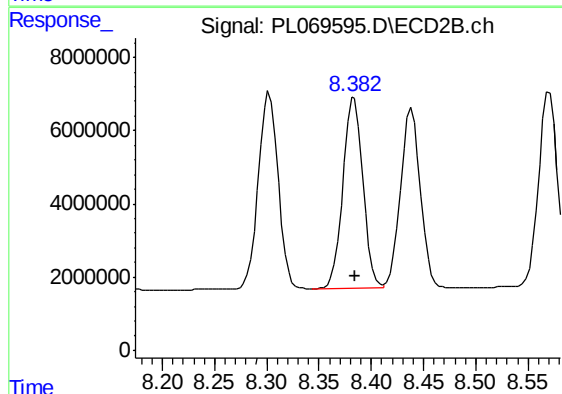
R.T.: 8.303 min  
Delta R.T.: 0.000 min  
Response: 71079115  
Conc: 51.18 ng/ml



#11 alpha-Chlordane

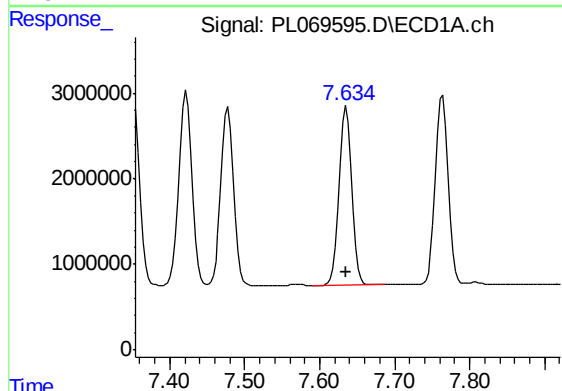
R.T.: 7.422 min  
Delta R.T.: 0.000 min  
Response: 27046546  
Conc: 52.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138749BS



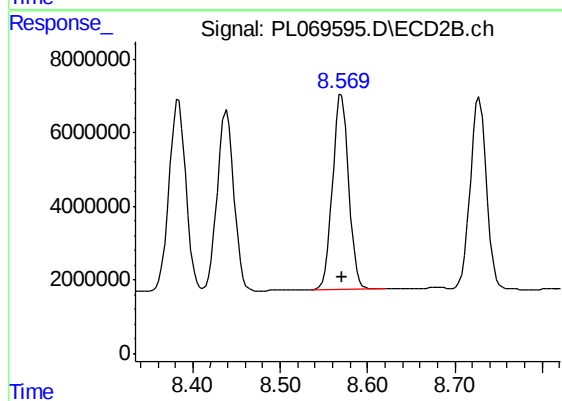
#11 alpha-Chlordane

R.T.: 8.384 min  
Delta R.T.: 0.000 min  
Response: 69395946  
Conc: 50.71 ng/ml



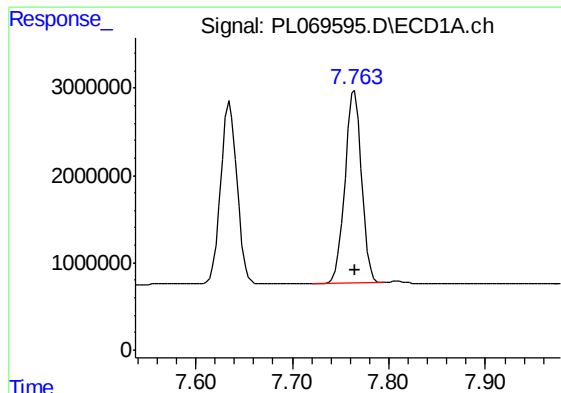
#12 4,4'-DDE

R.T.: 7.636 min  
Delta R.T.: 0.000 min  
Response: 24064630  
Conc: 53.39 ng/ml



#12 4,4'-DDE

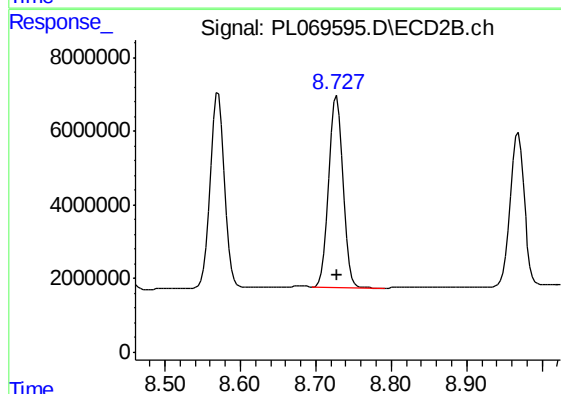
R.T.: 8.570 min  
Delta R.T.: 0.000 min  
Response: 67916909  
Conc: 51.27 ng/ml



#13 Dieldrin

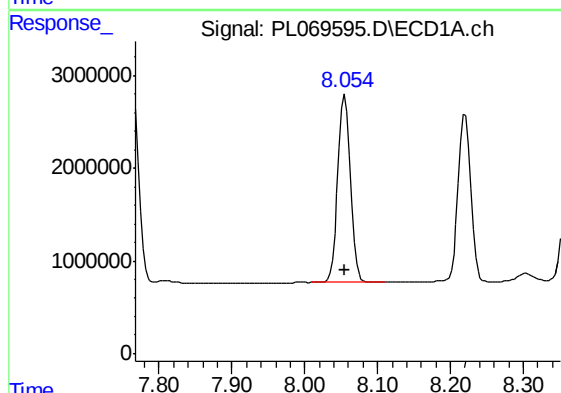
R.T.: 7.764 min  
Delta R.T.: 0.000 min  
Response: 26186673  
Conc: 52.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138749BS



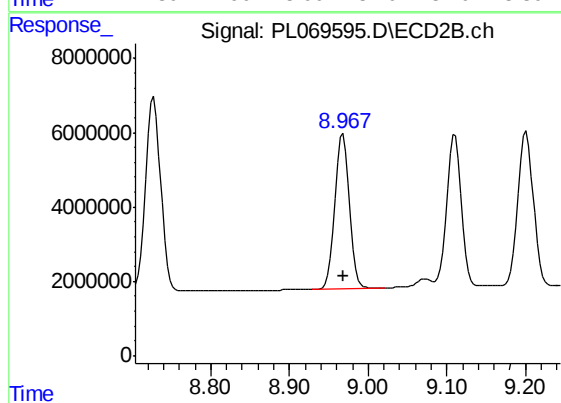
#13 Dieldrin

R.T.: 8.728 min  
Delta R.T.: 0.000 min  
Response: 67395991  
Conc: 51.03 ng/ml



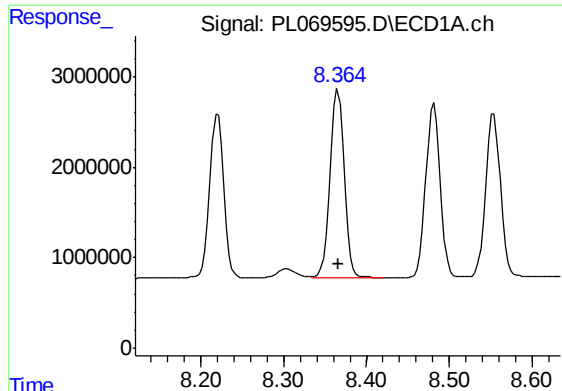
#14 Endrin

R.T.: 8.055 min  
Delta R.T.: 0.000 min  
Response: 24227770  
Conc: 50.77 ng/ml



#14 Endrin

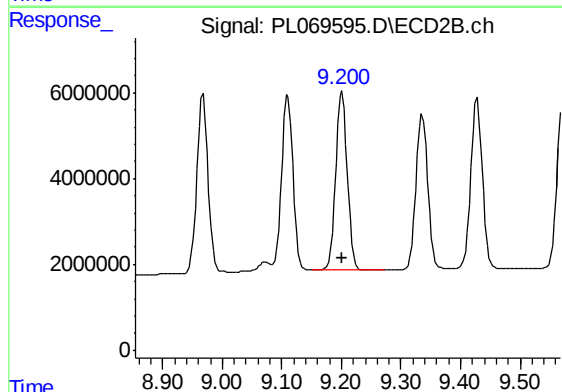
R.T.: 8.968 min  
Delta R.T.: 0.000 min  
Response: 55221734  
Conc: 49.55 ng/ml



#15 Endosulfan II

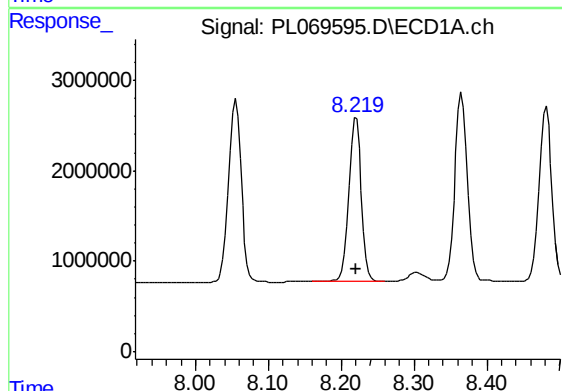
R.T.: 8.366 min  
Delta R.T.: 0.000 min  
Response: 24750097  
Conc: 50.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138749BS



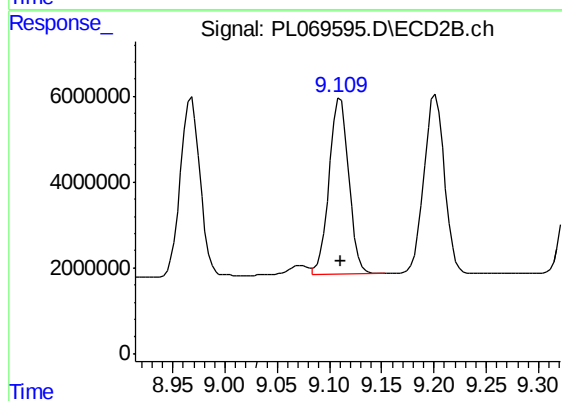
#15 Endosulfan II

R.T.: 9.201 min  
Delta R.T.: 0.000 min  
Response: 56307779  
Conc: 49.47 ng/ml



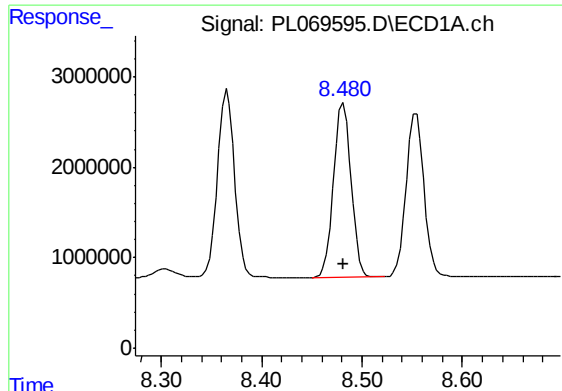
#16 4,4'-DDD

R.T.: 8.221 min  
Delta R.T.: 0.000 min  
Response: 21677543  
Conc: 53.70 ng/ml



#16 4,4'-DDD

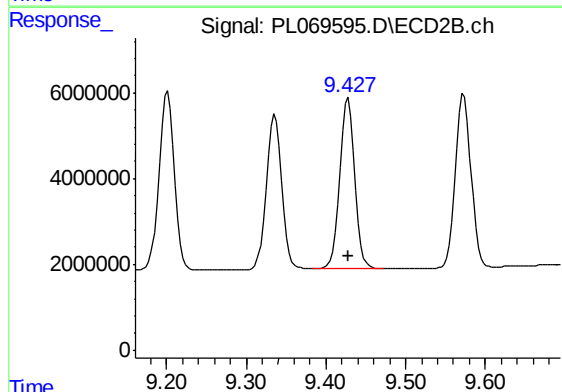
R.T.: 9.110 min  
Delta R.T.: 0.000 min  
Response: 54083911  
Conc: 49.72 ng/ml



#17 4,4'-DDT

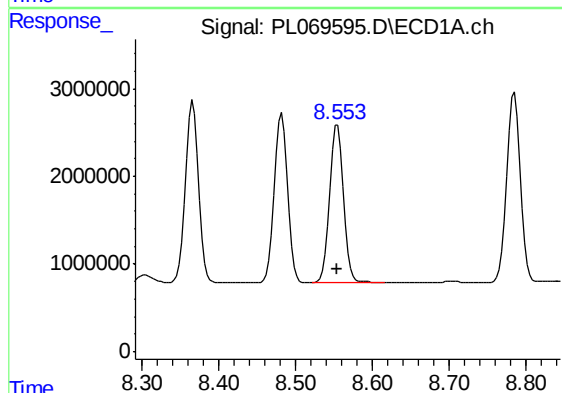
R.T.: 8.482 min  
Delta R.T.: 0.000 min  
Response: 23452859  
Conc: 50.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138749BS



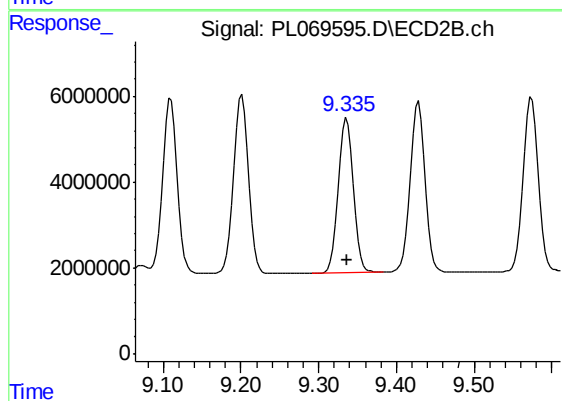
#17 4,4'-DDT

R.T.: 9.428 min  
Delta R.T.: 0.000 min  
Response: 53277612  
Conc: 48.89 ng/ml



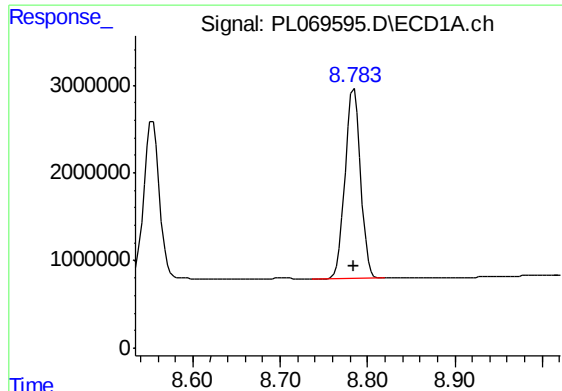
#18 Endrin aldehyde

R.T.: 8.554 min  
Delta R.T.: 0.000 min  
Response: 22566812  
Conc: 52.74 ng/ml



#18 Endrin aldehyde

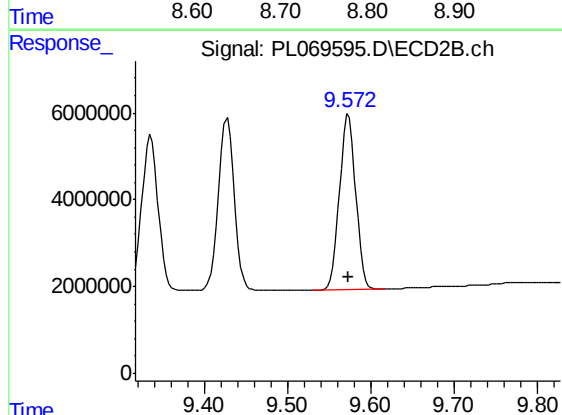
R.T.: 9.336 min  
Delta R.T.: 0.000 min  
Response: 49709464  
Conc: 51.18 ng/ml



#19 Endosulfan Sulfate

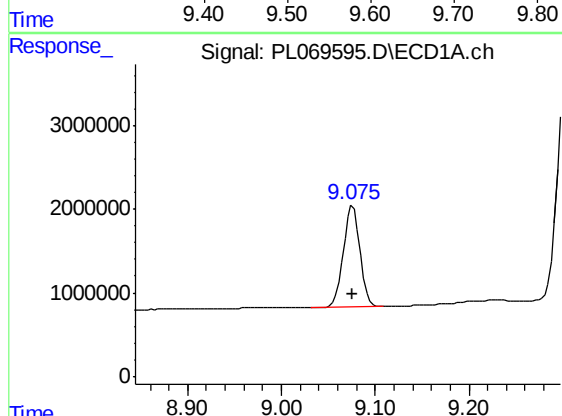
R.T.: 8.785 min  
Delta R.T.: 0.000 min  
Response: 26555357  
Conc: 50.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138749BS



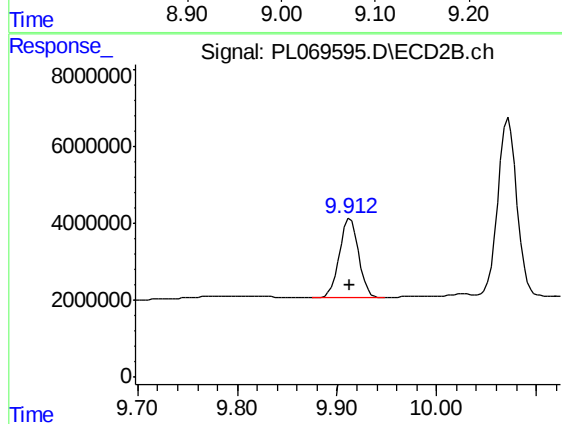
#19 Endosulfan Sulfate

R.T.: 9.573 min  
Delta R.T.: 0.000 min  
Response: 54919654  
Conc: 49.75 ng/ml



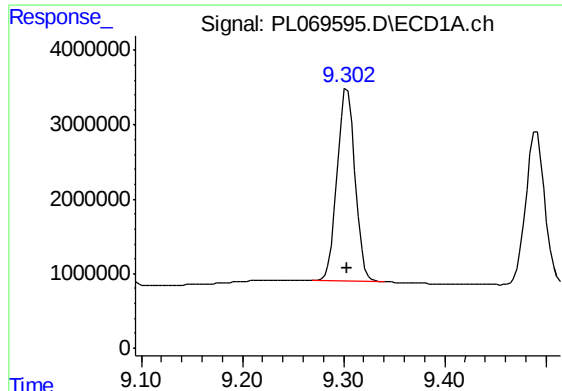
#20 Methoxychlor

R.T.: 9.076 min  
Delta R.T.: 0.000 min  
Response: 14900476  
Conc: 48.35 ng/ml



#20 Methoxychlor

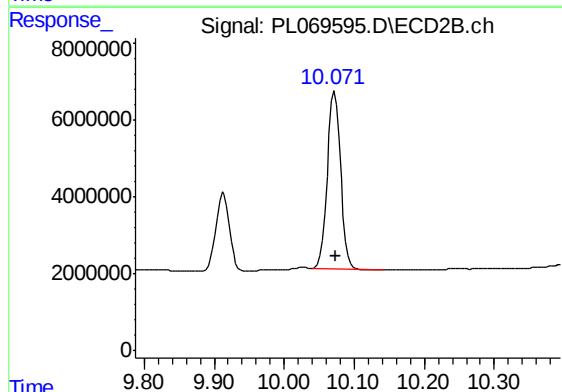
R.T.: 9.913 min  
Delta R.T.: 0.000 min  
Response: 27452886  
Conc: 47.46 ng/ml



#21 Endrin ketone

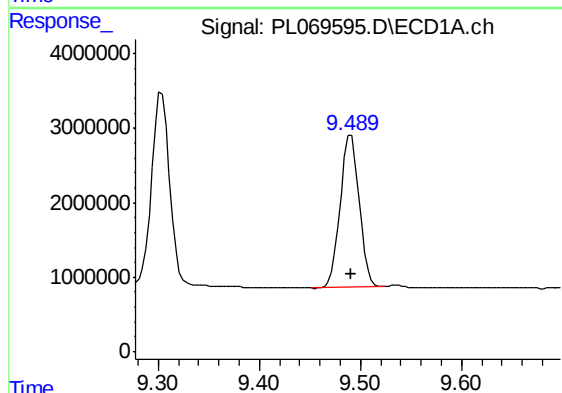
R.T.: 9.304 min  
Delta R.T.: 0.000 min  
Response: 31638138  
Conc: 52.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138749BS



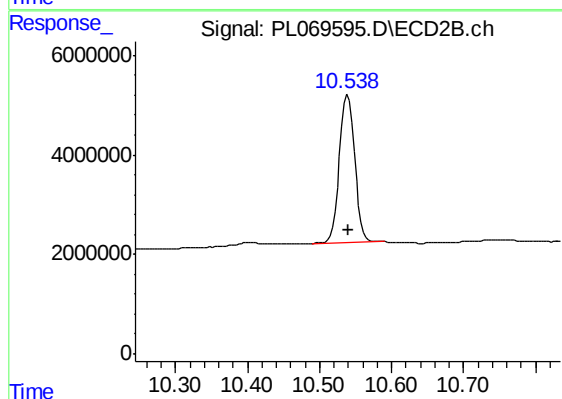
#21 Endrin ketone

R.T.: 10.072 min  
Delta R.T.: -0.001 min  
Response: 60608171  
Conc: 51.03 ng/ml



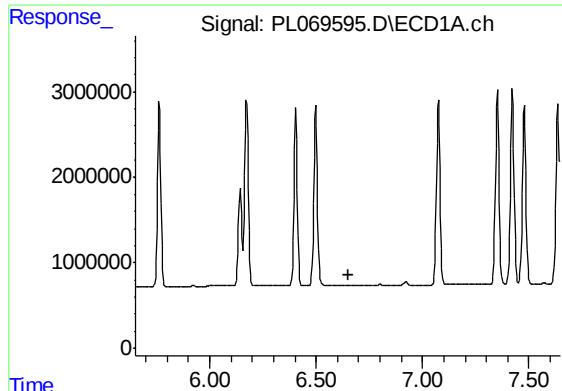
#22 Mirex

R.T.: 9.491 min  
Delta R.T.: 0.000 min  
Response: 26621729  
Conc: 48.97 ng/ml



#22 Mirex

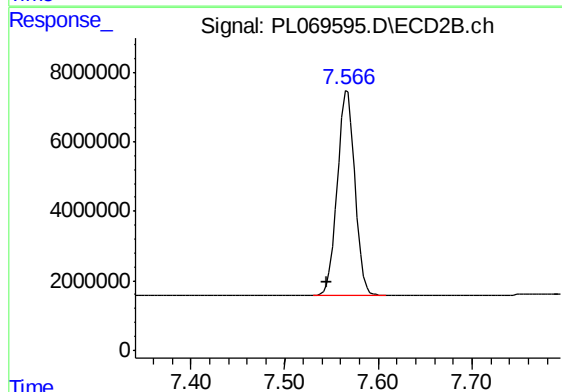
R.T.: 10.539 min  
Delta R.T.: 0.000 min  
Response: 44358461  
Conc: 49.43 ng/ml



#24 Chlordane-2

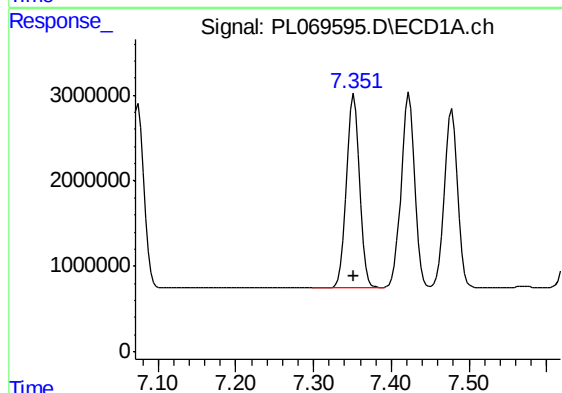
R.T.: 0.000 min  
Exp R.T.: 6.651 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB138749BS



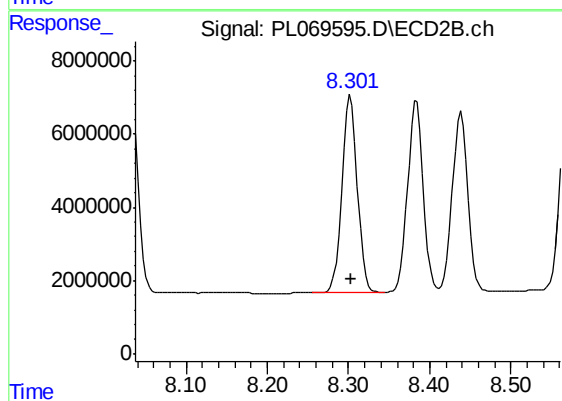
#24 Chlordane-2

R.T.: 7.567 min  
Delta R.T.: 0.023 min  
Response: 76787442  
Conc: 1391.17 ng/ml



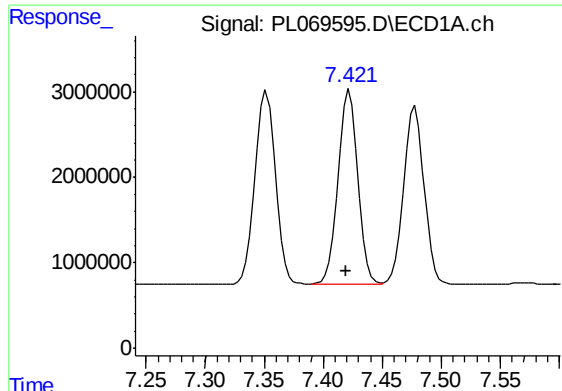
#25 Chlordane-3

R.T.: 7.352 min  
Delta R.T.: 0.001 min  
Response: 26923888  
Conc: 504.72 ng/ml



#25 Chlordane-3

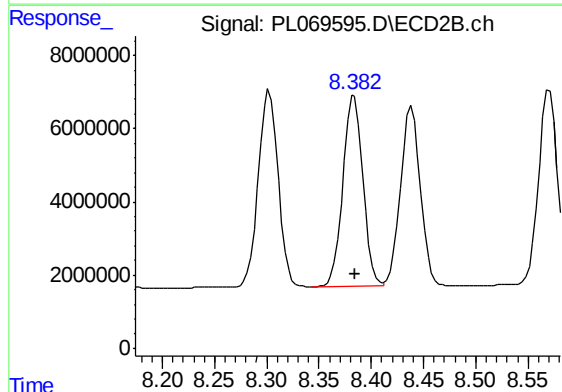
R.T.: 8.303 min  
Delta R.T.: 0.000 min  
Response: 71079115  
Conc: 344.07 ng/ml



#26 Chlordane-4

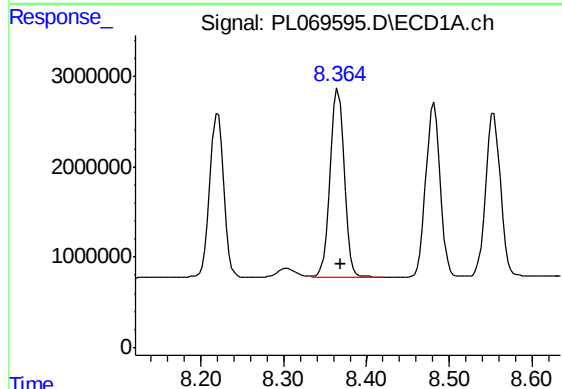
R.T.: 7.422 min  
Delta R.T.: 0.003 min  
Response: 27046546  
Conc: 471.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138749BS



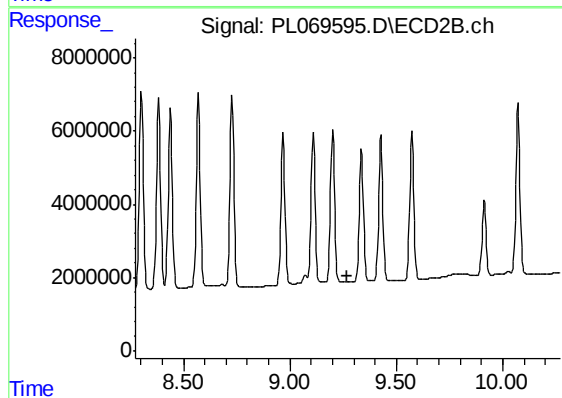
#26 Chlordane-4

R.T.: 8.384 min  
Delta R.T.: 0.000 min  
Response: 69395946  
Conc: 279.79 ng/ml



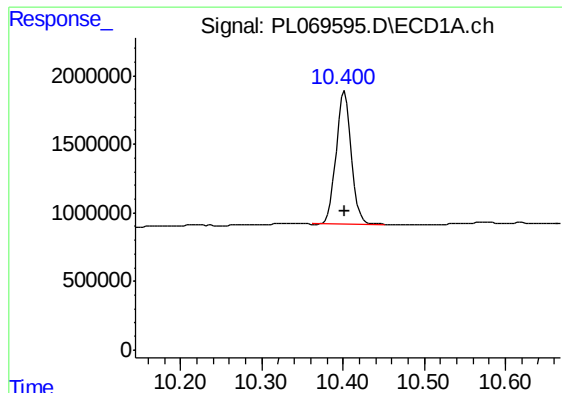
#27 Chlordane-5

R.T.: 8.366 min  
Delta R.T.: -0.004 min  
Response: 24750097  
Conc: 1112.66 ng/ml



#27 Chlordane-5

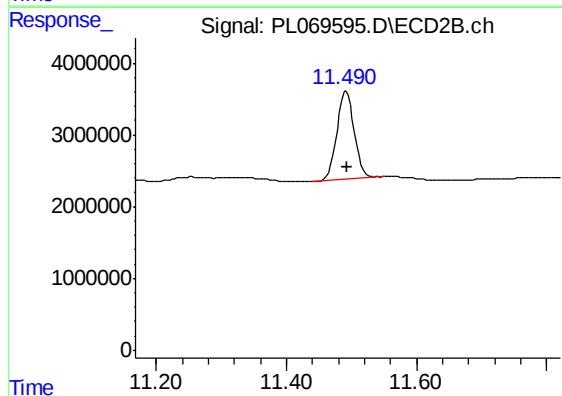
R.T.: 0.000 min  
Exp R.T. : 9.272 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.402 min  
Delta R.T.: 0.000 min  
Response: 12683740  
Conc: 21.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138749BS



#28 Decachlorobiphenyl

R.T.: 11.492 min  
Delta R.T.: -0.001 min  
Response: 22772247  
Conc: 20.18 ng/ml