

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032921\  
 Data File : PL065625.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Mar 2021 10:06  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 29 12:32:06 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031821.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 19 02:14:11 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... | 3.287 | 3.784  | 125.7E6  | 132.0E6  | 52.920   | 48.098     |
| 28)                         | SA Decachlor... | 7.924 | 8.735  | 106.8E6  | 99375068 | 44.215   | 50.136     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.711 | 4.170  | 202.2E6  | 196.5E6  | 54.089   | 48.357     |
| 3)                          | MA gamma-BHC... | 3.984 | 4.449  | 180.5E6  | 178.8E6  | 52.777   | 48.955     |
| 4)                          | MA Heptachlor   | 4.270 | 4.935  | 167.7E6  | 164.6E6  | 51.246   | 49.367     |
| 5)                          | MB Aldrin       | 4.507 | 5.231  | 168.1E6  | 157.7E6  | 53.059   | 48.163     |
| 6)                          | B beta-BHC      | 4.235 | 4.632  | 75148556 | 82702410 | 53.142   | 48.007     |
| 7)                          | B delta-BHC     | 4.428 | 4.839  | 176.9E6  | 167.1E6  | 53.178   | 55.916     |
| 8)                          | B Heptachlo...  | 4.939 | 5.618  | 154.0E6  | 146.1E6  | 52.083   | 50.556     |
| 9)                          | A Endosulfan I  | 5.266 | 5.968  | 141.0E6  | 131.8E6  | 51.729   | 50.044     |
| 10)                         | B gamma-Chl...  | 5.160 | 5.849  | 151.5E6  | 142.5E6  | 51.312   | 51.067     |
| 11)                         | B alpha-Chl...  | 5.215 | 5.918  | 149.4E6  | 139.9E6  | 51.325   | 50.394     |
| 12)                         | B 4,4'-DDE      | 5.382 | 6.083  | 134.8E6  | 125.4E6  | 51.236   | 50.342     |
| 13)                         | MA Dieldrin     | 5.503 | 6.224  | 142.8E6  | 133.6E6  | 51.003   | 49.108     |
| 14)                         | MA Endrin       | 5.753 | 6.440  | 117.6E6  | 105.6E6  | 47.112   | 47.813     |
| 15)                         | B Endosulfa...  | 6.025 | 6.656  | 119.3E6  | 110.5E6  | 48.716   | 48.974     |
| 16)                         | A 4,4'-DDD      | 5.888 | 6.574  | 120.3E6  | 111.3E6  | 54.413   | 50.594     |
| 17)                         | MA 4,4'-DDT     | 6.121 | 6.866  | 88731045 | 89226012 | 46.880   | 45.459     |
| 18)                         | B Endrin al...  | 6.191 | 6.780  | 89448438 | 87641088 | 46.581   | 50.027     |
| 19)                         | B Endosulfa...  | 6.402 | 7.002  | 124.5E6  | 113.1E6  | 50.373   | 51.569     |
| 20)                         | A Methoxychlor  | 6.667 | 7.332  | 50904281 | 48548814 | 44.399   | 46.487     |
| 21)                         | B Endrin ke...  | 6.880 | 7.468  | 135.7E6  | 125.3E6  | 50.476   | 53.096     |
| 22)                         | Mirex           | 7.052 | 7.903  | 99112632 | 87304754 | 48.673   | 52.452     |
| 23)                         | Chlordane-1     | 0.000 | 4.772f | 0        | 306029   | N.D.     | 2.713 #    |
| 24)                         | Chlordane-2     | 4.620 | 5.231  | 1241432  | 157.7E6  | 11.446   | 1448.300 # |
| 25)                         | Chlordane-3     | 5.160 | 5.849  | 151.5E6  | 142.5E6  | 507.786  | 349.600 #  |
| 26)                         | Chlordane-4     | 5.215 | 5.918  | 149.4E6  | 139.9E6  | 548.243  | 290.734 #  |
| 27)                         | Chlordane-5     | 6.025 | 0.000  | 119.3E6  | 0        | 1193.676 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

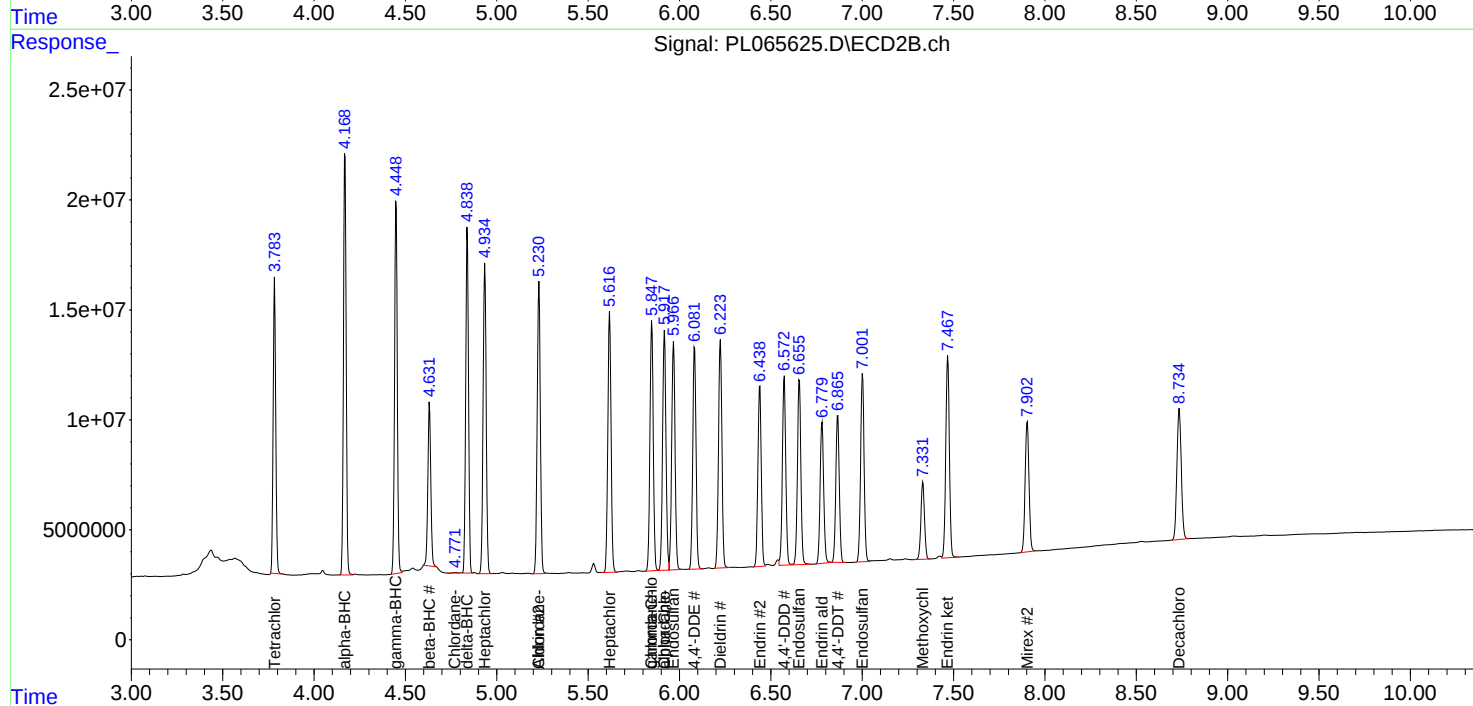
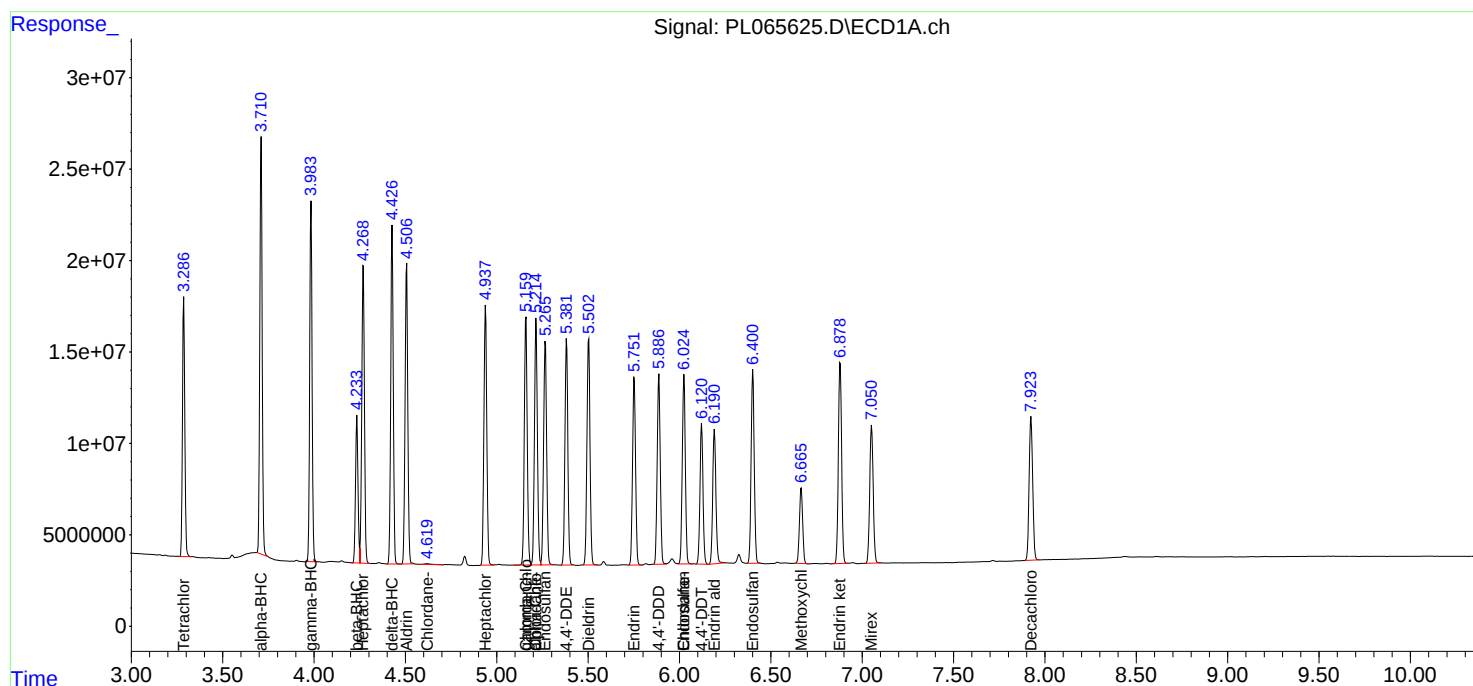
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

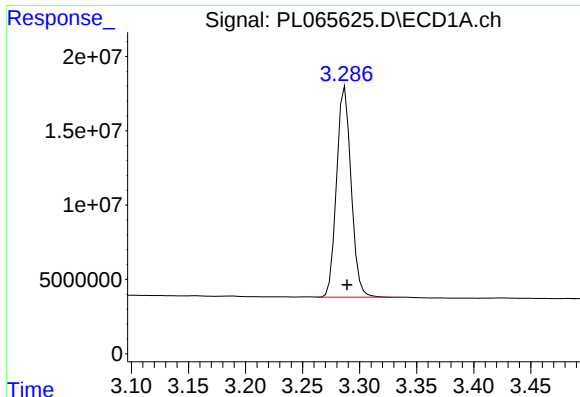
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032921\  
Data File : PL065625.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Mar 2021 10:06  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 29 12:32:06 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031821.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 19 02:14:11 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

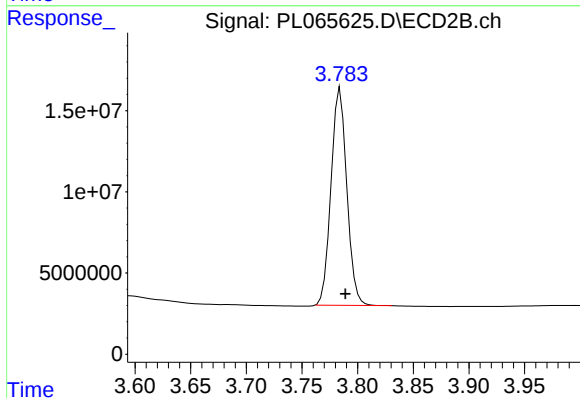




#1 Tetrachloro-m-xylene

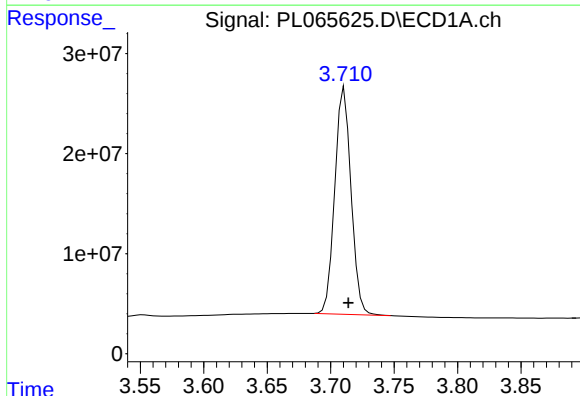
R.T.: 3.287 min  
Delta R.T.: -0.002 min  
Response: 125672844  
Conc: 52.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



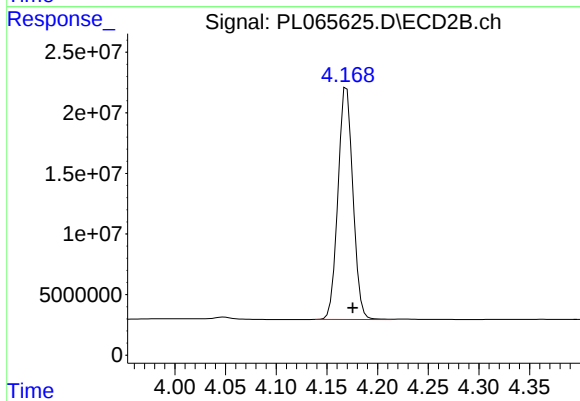
#1 Tetrachloro-m-xylene

R.T.: 3.784 min  
Delta R.T.: -0.005 min  
Response: 132017026  
Conc: 48.10 ng/ml



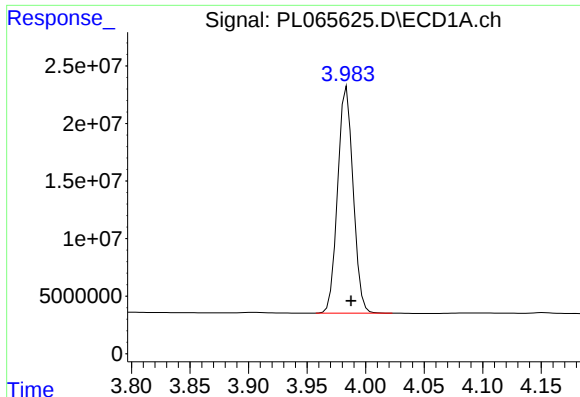
#2 alpha-BHC

R.T.: 3.711 min  
Delta R.T.: -0.003 min  
Response: 202222706  
Conc: 54.09 ng/ml



#2 alpha-BHC

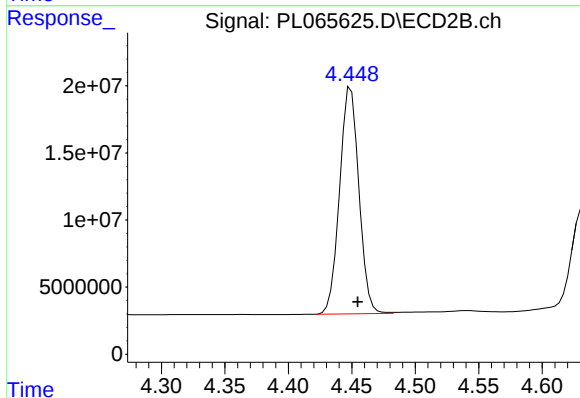
R.T.: 4.170 min  
Delta R.T.: -0.006 min  
Response: 196511487  
Conc: 48.36 ng/ml



#3 gamma-BHC (Lindane)

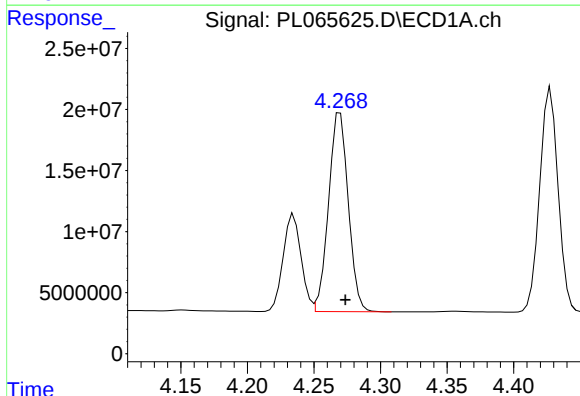
R.T.: 3.984 min  
Delta R.T.: -0.003 min  
Response: 180506138  
Conc: 52.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



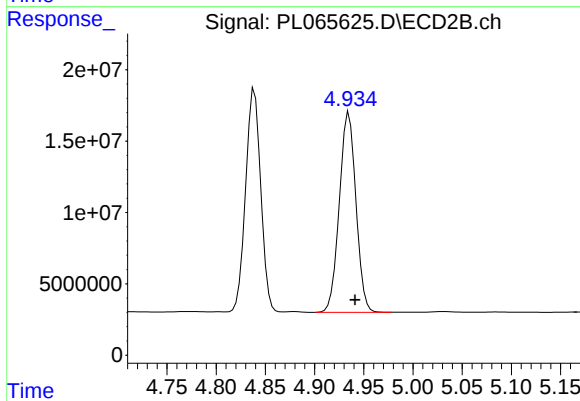
#3 gamma-BHC (Lindane)

R.T.: 4.449 min  
Delta R.T.: -0.005 min  
Response: 178760708  
Conc: 48.95 ng/ml



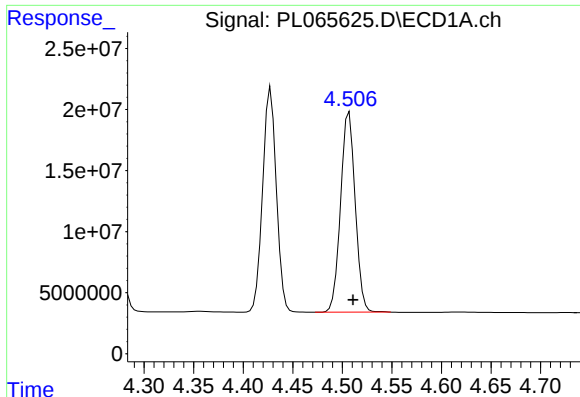
#4 Heptachlor

R.T.: 4.270 min  
Delta R.T.: -0.004 min  
Response: 167715040  
Conc: 51.25 ng/ml



#4 Heptachlor

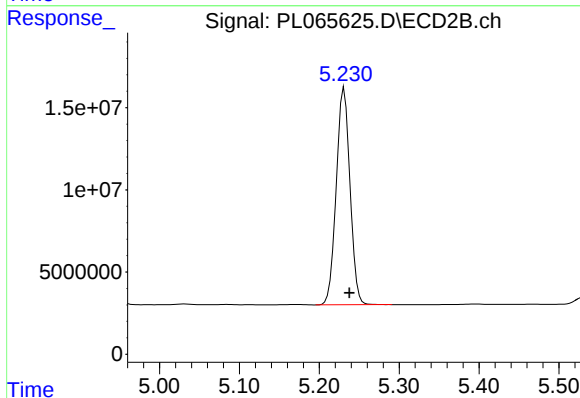
R.T.: 4.935 min  
Delta R.T.: -0.006 min  
Response: 164623812  
Conc: 49.37 ng/ml



#5 Aldrin

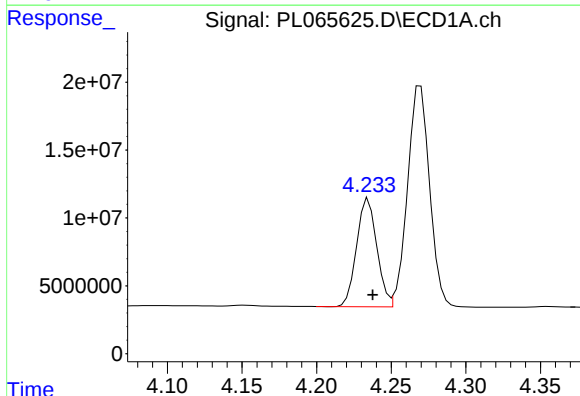
R.T.: 4.507 min  
Delta R.T.: -0.004 min  
Response: 168126284  
Conc: 53.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



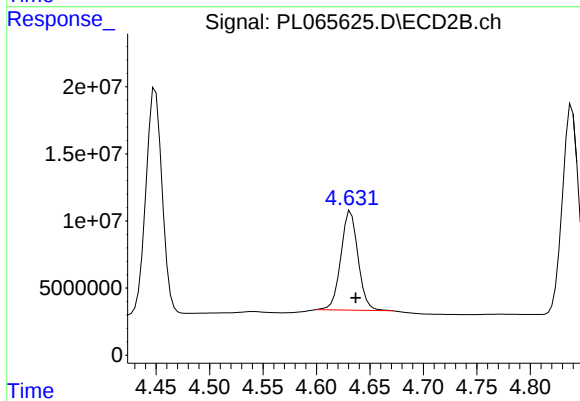
#5 Aldrin

R.T.: 5.231 min  
Delta R.T.: -0.007 min  
Response: 157738846  
Conc: 48.16 ng/ml



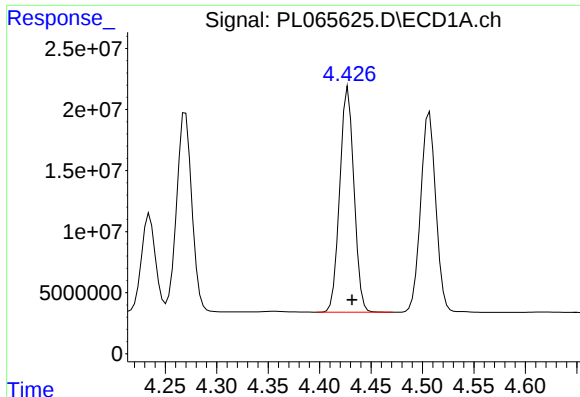
#6 beta-BHC

R.T.: 4.235 min  
Delta R.T.: -0.003 min  
Response: 75148556  
Conc: 53.14 ng/ml



#6 beta-BHC

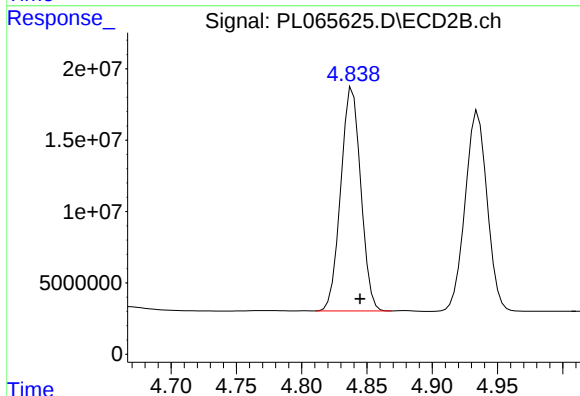
R.T.: 4.632 min  
Delta R.T.: -0.005 min  
Response: 82702410  
Conc: 48.01 ng/ml



#7 delta-BHC

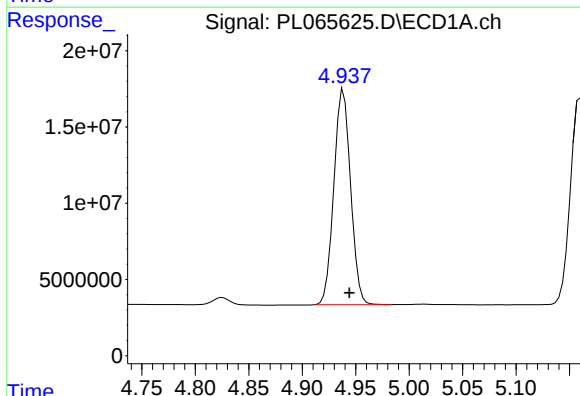
R.T.: 4.428 min  
Delta R.T.: -0.004 min  
Response: 176865152  
Conc: 53.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



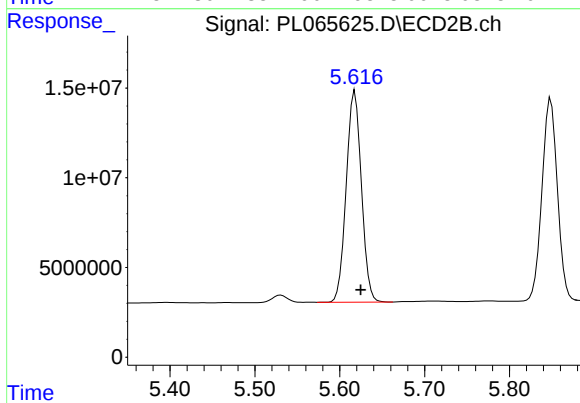
#7 delta-BHC

R.T.: 4.839 min  
Delta R.T.: -0.006 min  
Response: 167097931  
Conc: 55.92 ng/ml



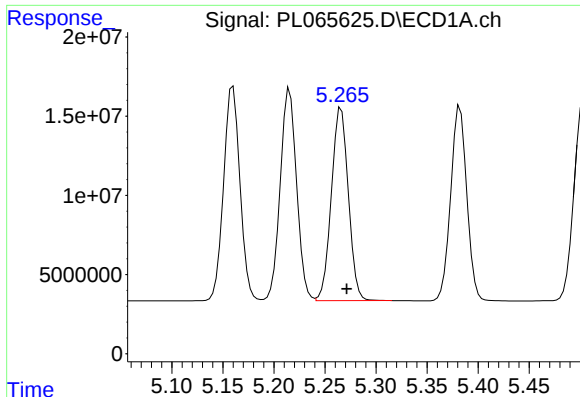
#8 Heptachlor epoxide

R.T.: 4.939 min  
Delta R.T.: -0.006 min  
Response: 154017453  
Conc: 52.08 ng/ml



#8 Heptachlor epoxide

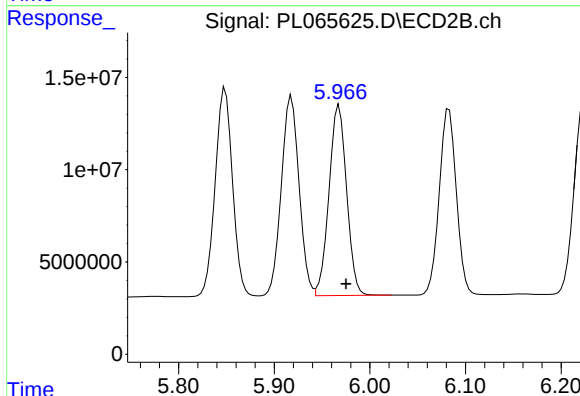
R.T.: 5.618 min  
Delta R.T.: -0.007 min  
Response: 146143776  
Conc: 50.56 ng/ml



#9 Endosulfan I

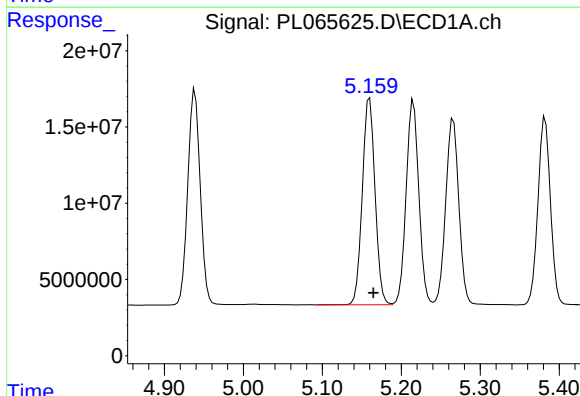
R.T.: 5.266 min  
Delta R.T.: -0.005 min  
Response: 141004681  
Conc: 51.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



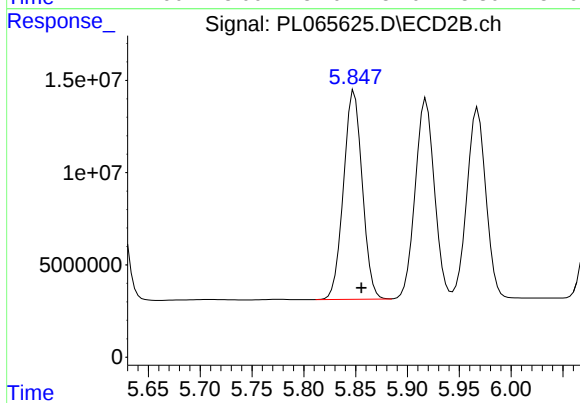
#9 Endosulfan I

R.T.: 5.968 min  
Delta R.T.: -0.007 min  
Response: 131751778  
Conc: 50.04 ng/ml



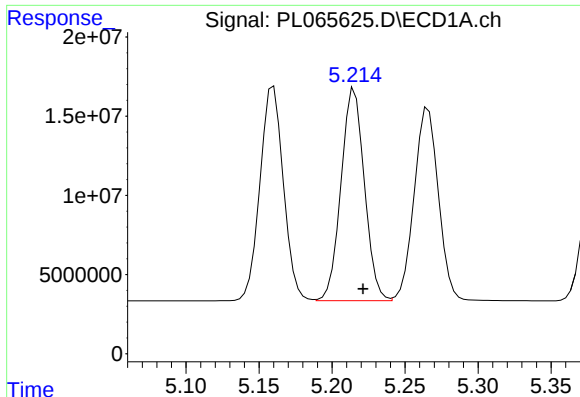
#10 gamma-Chlordane

R.T.: 5.160 min  
Delta R.T.: -0.005 min  
Response: 151508523  
Conc: 51.31 ng/ml



#10 gamma-Chlordane

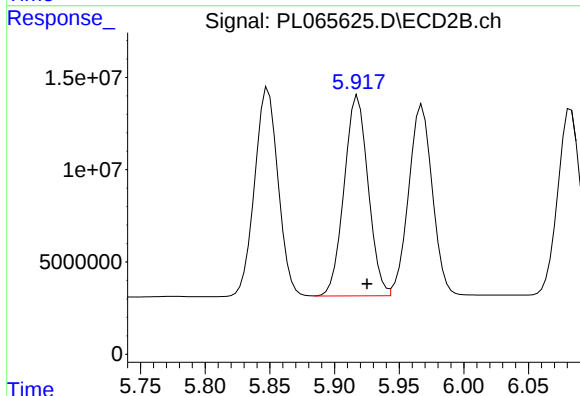
R.T.: 5.849 min  
Delta R.T.: -0.007 min  
Response: 142506202  
Conc: 51.07 ng/ml



#11 alpha-Chlordane

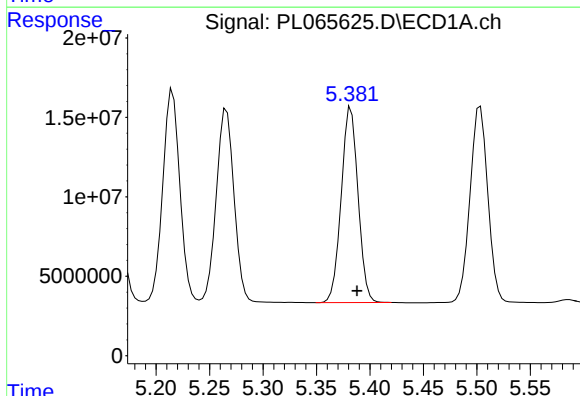
R.T.: 5.215 min  
Delta R.T.: -0.006 min  
Response: 149360261  
Conc: 51.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



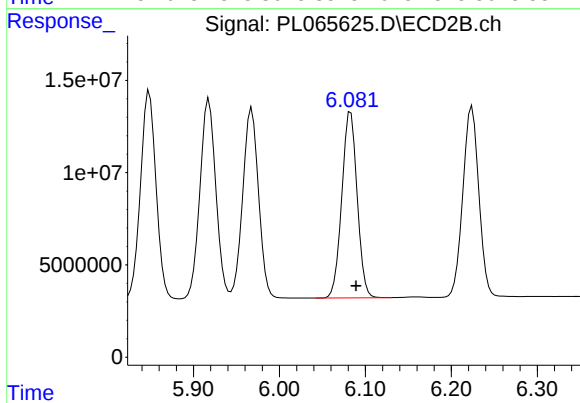
#11 alpha-Chlordane

R.T.: 5.918 min  
Delta R.T.: -0.007 min  
Response: 139864117  
Conc: 50.39 ng/ml



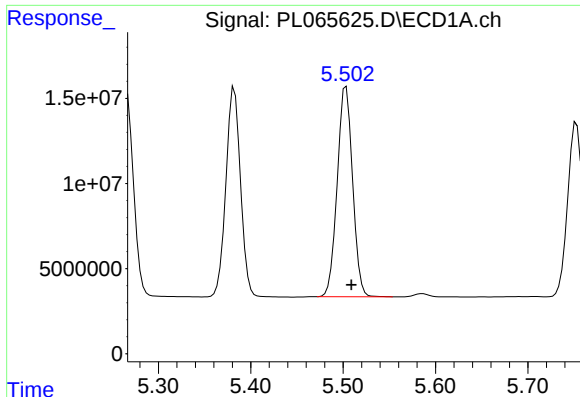
#12 4,4'-DDE

R.T.: 5.382 min  
Delta R.T.: -0.006 min  
Response: 134831086  
Conc: 51.24 ng/ml



#12 4,4'-DDE

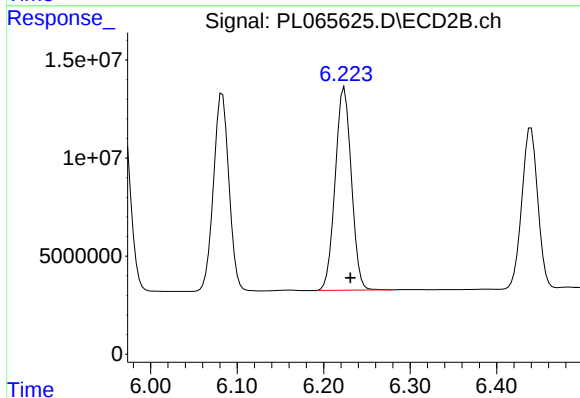
R.T.: 6.083 min  
Delta R.T.: -0.006 min  
Response: 125390494  
Conc: 50.34 ng/ml



#13 Dieldrin

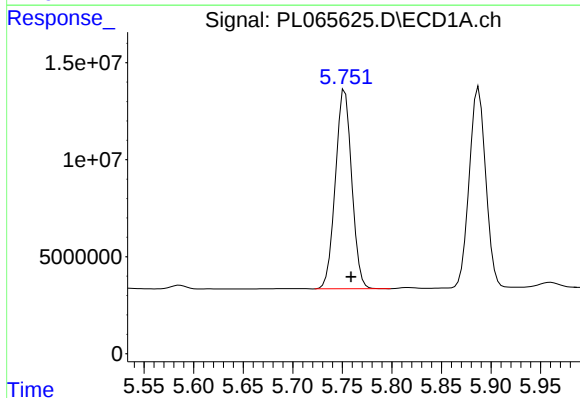
R.T.: 5.503 min  
Delta R.T.: -0.006 min  
Response: 142770910  
Conc: 51.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



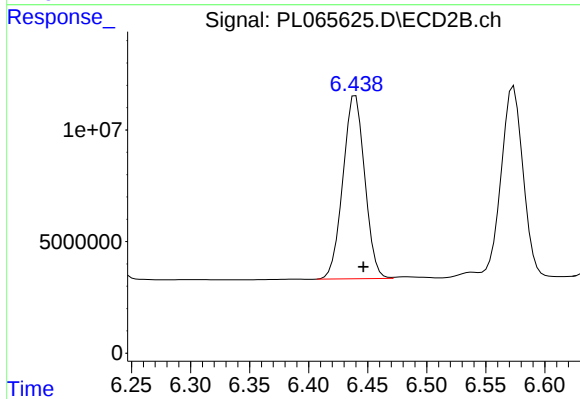
#13 Dieldrin

R.T.: 6.224 min  
Delta R.T.: -0.007 min  
Response: 133582854  
Conc: 49.11 ng/ml



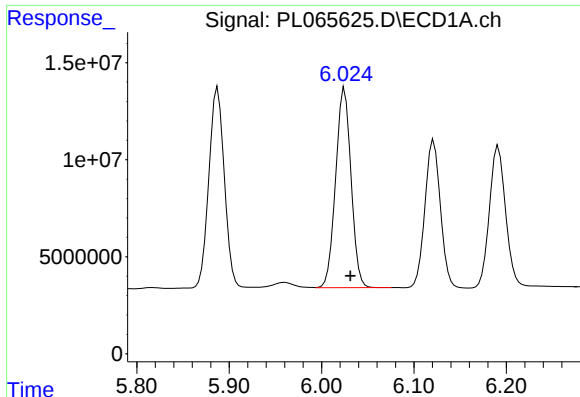
#14 Endrin

R.T.: 5.753 min  
Delta R.T.: -0.006 min  
Response: 117635616  
Conc: 47.11 ng/ml



#14 Endrin

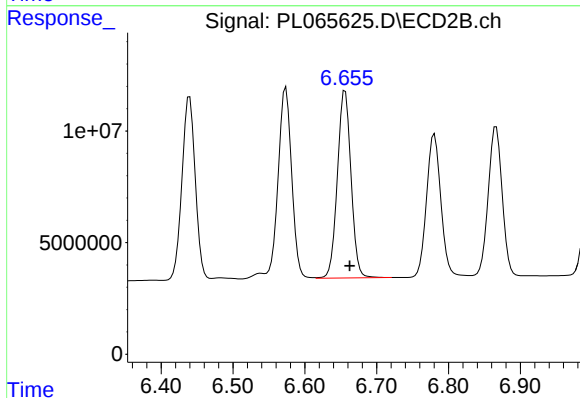
R.T.: 6.440 min  
Delta R.T.: -0.007 min  
Response: 105609725  
Conc: 47.81 ng/ml



#15 Endosulfan II

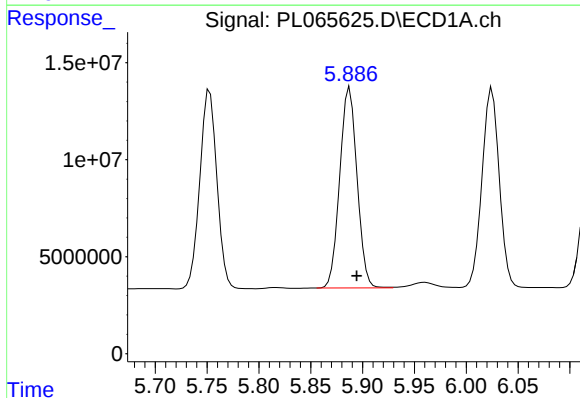
R.T.: 6.025 min  
Delta R.T.: -0.006 min  
Response: 119340631  
Conc: 48.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



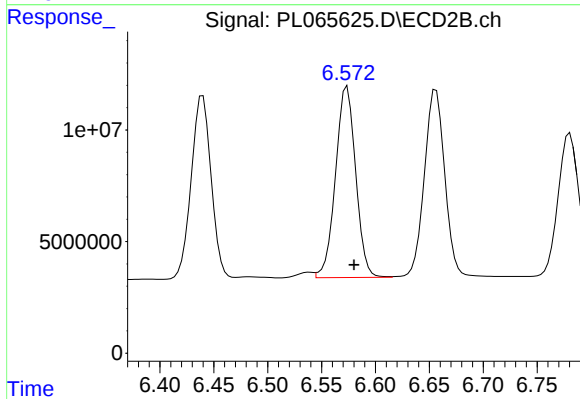
#15 Endosulfan II

R.T.: 6.656 min  
Delta R.T.: -0.006 min  
Response: 110549655  
Conc: 48.97 ng/ml



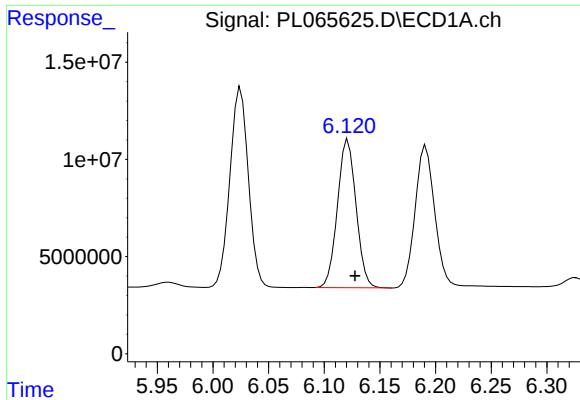
#16 4,4'-DDD

R.T.: 5.888 min  
Delta R.T.: -0.007 min  
Response: 120260549  
Conc: 54.41 ng/ml



#16 4,4'-DDD

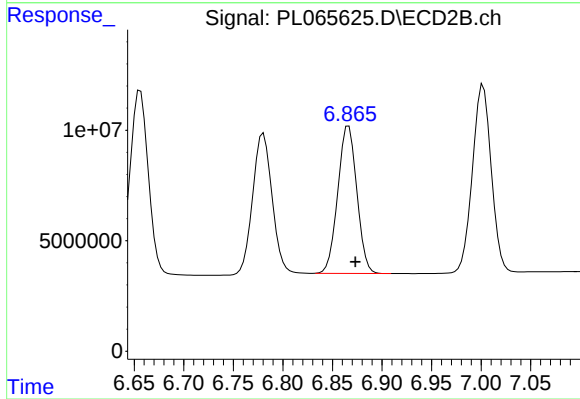
R.T.: 6.574 min  
Delta R.T.: -0.007 min  
Response: 111282390  
Conc: 50.59 ng/ml



#17 4,4'-DDT

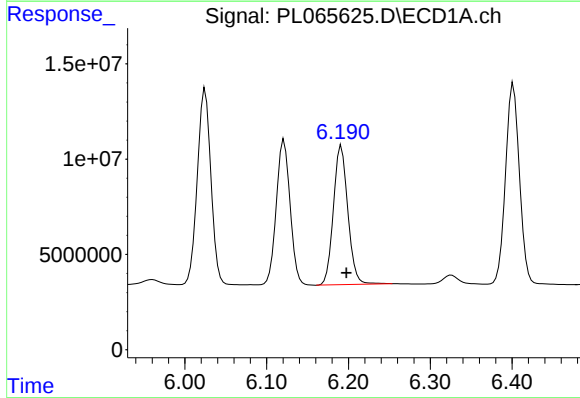
R.T.: 6.121 min  
Delta R.T.: -0.006 min  
Response: 88731045  
Conc: 46.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



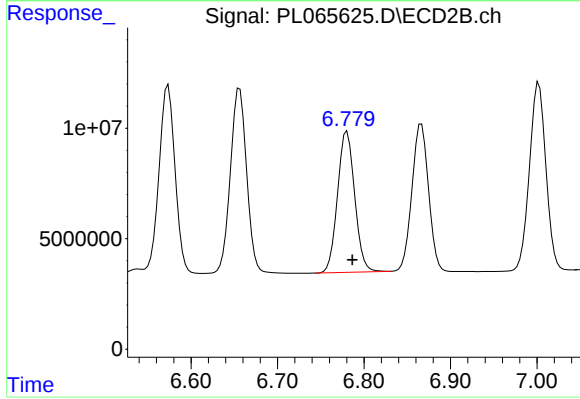
#17 4,4'-DDT

R.T.: 6.866 min  
Delta R.T.: -0.007 min  
Response: 89226012  
Conc: 45.46 ng/ml



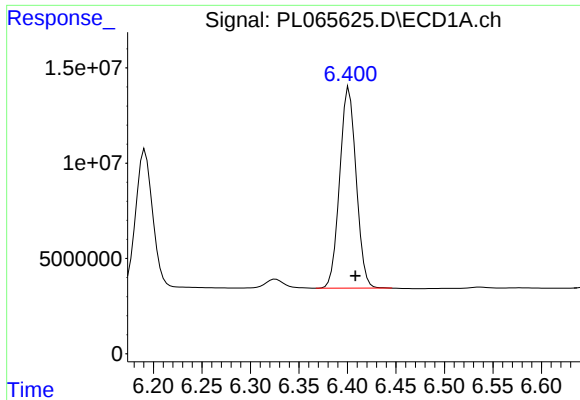
#18 Endrin aldehyde

R.T.: 6.191 min  
Delta R.T.: -0.006 min  
Response: 89448438  
Conc: 46.58 ng/ml



#18 Endrin aldehyde

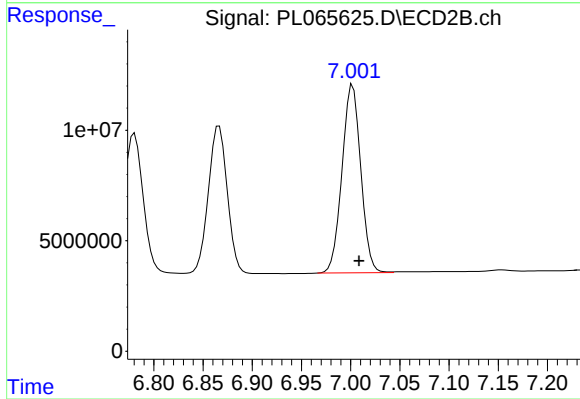
R.T.: 6.780 min  
Delta R.T.: -0.006 min  
Response: 87641088  
Conc: 50.03 ng/ml



#19 Endosulfan Sulfate

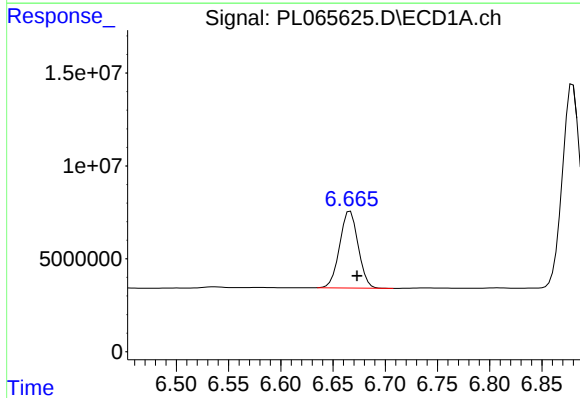
R.T.: 6.402 min  
Delta R.T.: -0.007 min  
Response: 124498325  
Conc: 50.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



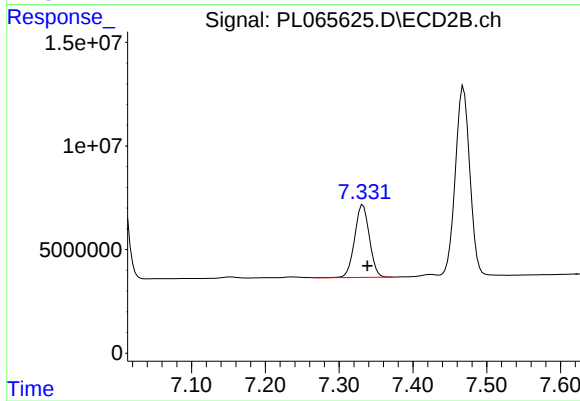
#19 Endosulfan Sulfate

R.T.: 7.002 min  
Delta R.T.: -0.006 min  
Response: 113128301  
Conc: 51.57 ng/ml



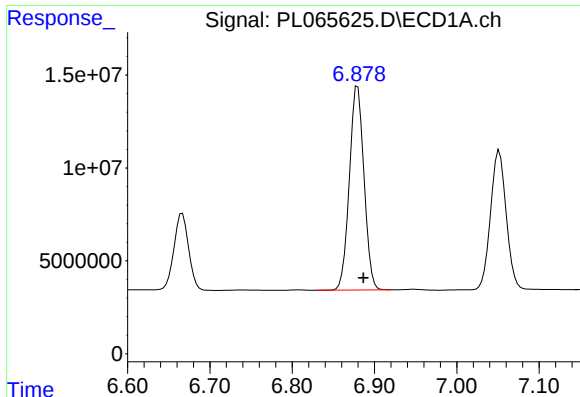
#20 Methoxychlor

R.T.: 6.667 min  
Delta R.T.: -0.006 min  
Response: 50904281  
Conc: 44.40 ng/ml



#20 Methoxychlor

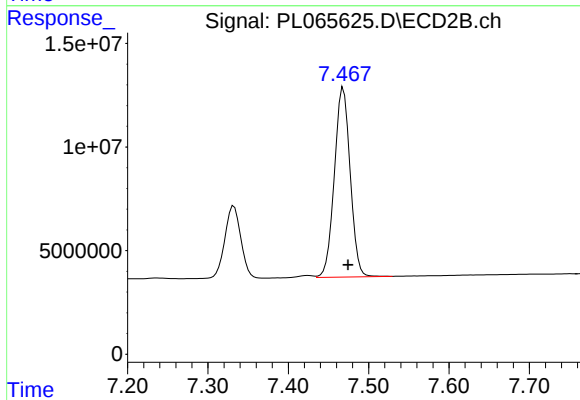
R.T.: 7.332 min  
Delta R.T.: -0.006 min  
Response: 48548814  
Conc: 46.49 ng/ml



#21 Endrin ketone

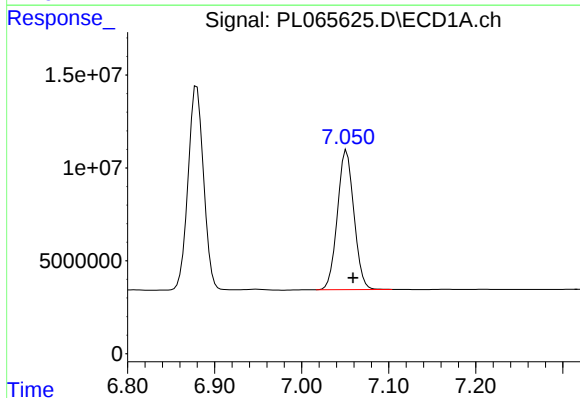
R.T.: 6.880 min  
Delta R.T.: -0.007 min  
Response: 135676894  
Conc: 50.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



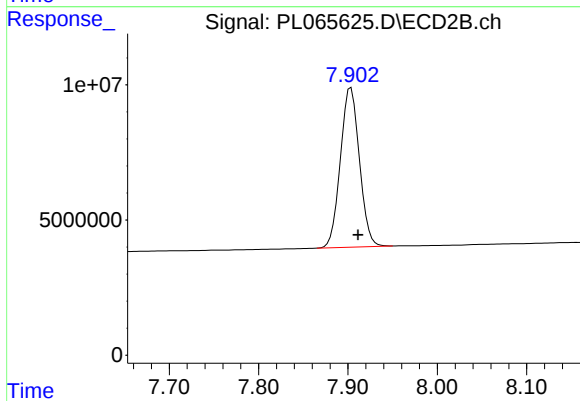
#21 Endrin ketone

R.T.: 7.468 min  
Delta R.T.: -0.006 min  
Response: 125268540  
Conc: 53.10 ng/ml



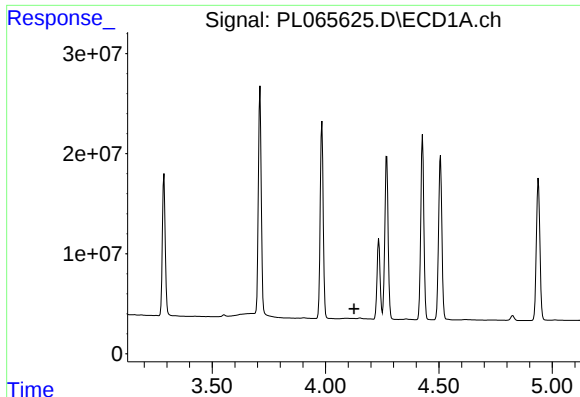
#22 Mirex

R.T.: 7.052 min  
Delta R.T.: -0.007 min  
Response: 99112632  
Conc: 48.67 ng/ml



#22 Mirex

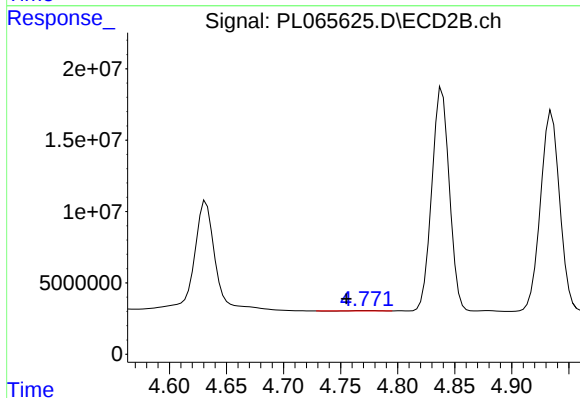
R.T.: 7.903 min  
Delta R.T.: -0.008 min  
Response: 87304754  
Conc: 52.45 ng/ml



#23 Chlordane-1

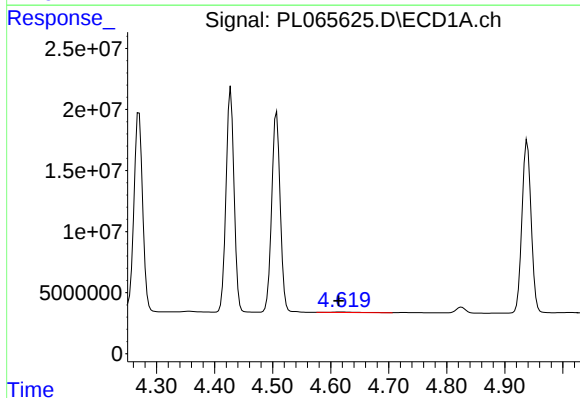
R.T.: 0.000 min  
Exp R.T.: 4.126 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



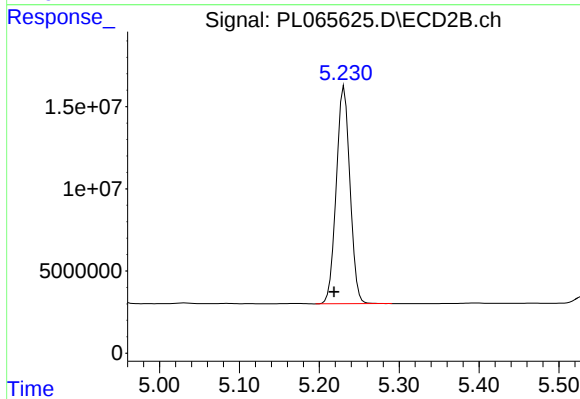
#23 Chlordane-1

R.T.: 4.772 min  
Delta R.T.: 0.017 min  
Response: 306029  
Conc: 2.71 ng/ml



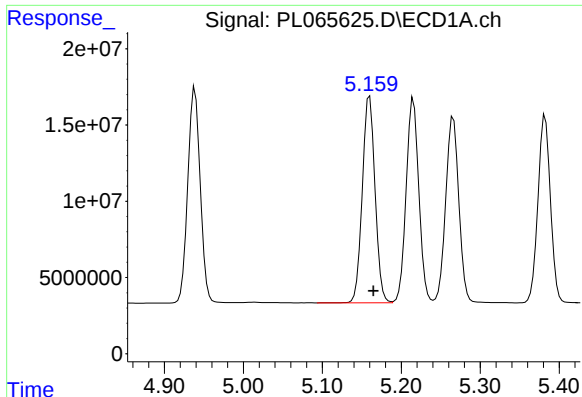
#24 Chlordane-2

R.T.: 4.620 min  
Delta R.T.: 0.006 min  
Response: 1241432  
Conc: 11.45 ng/ml



#24 Chlordane-2

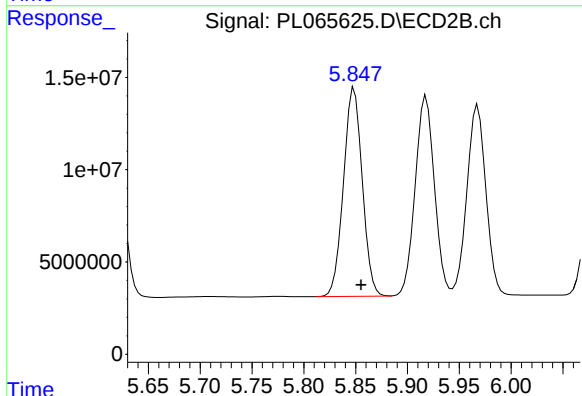
R.T.: 5.231 min  
Delta R.T.: 0.013 min  
Response: 157738846  
Conc: 1448.30 ng/ml



#25 Chlordane-3

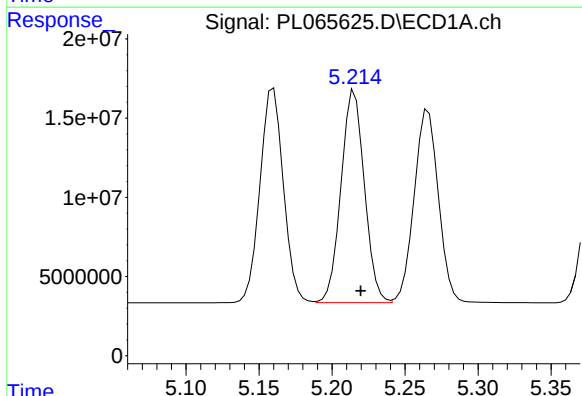
R.T.: 5.160 min  
Delta R.T.: -0.005 min  
Response: 151508523  
Conc: 507.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



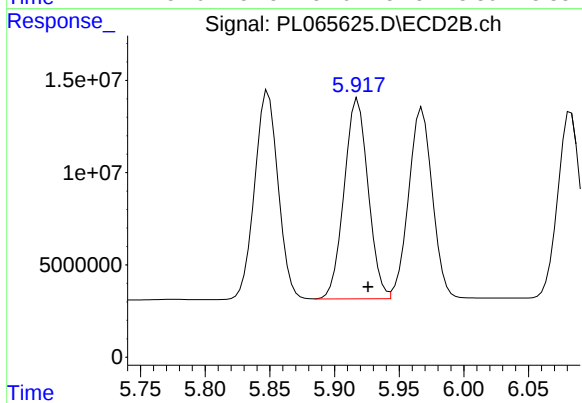
#25 Chlordane-3

R.T.: 5.849 min  
Delta R.T.: -0.006 min  
Response: 142506202  
Conc: 349.60 ng/ml



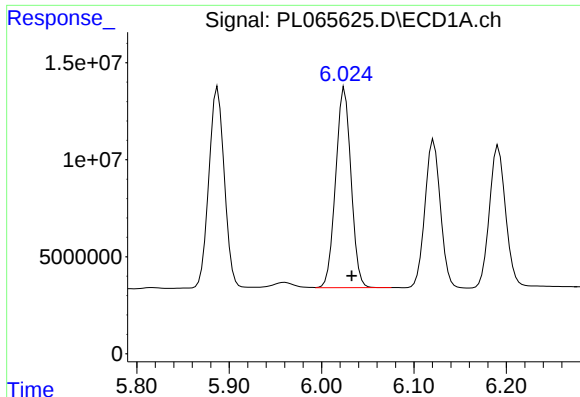
#26 Chlordane-4

R.T.: 5.215 min  
Delta R.T.: -0.004 min  
Response: 149360261  
Conc: 548.24 ng/ml



#26 Chlordane-4

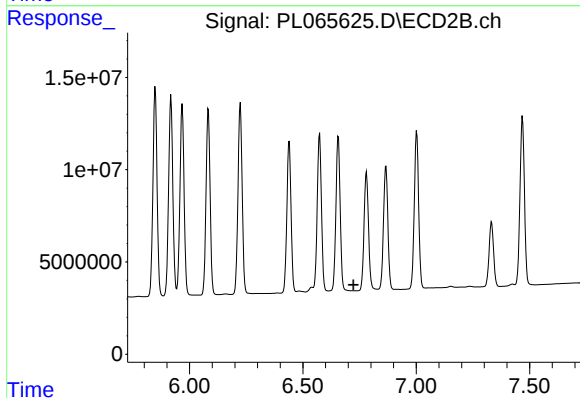
R.T.: 5.918 min  
Delta R.T.: -0.008 min  
Response: 139864117  
Conc: 290.73 ng/ml



#27 Chlordane-5

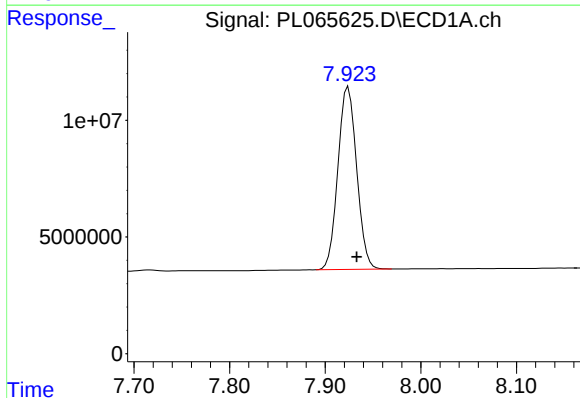
R.T.: 6.025 min  
Delta R.T.: -0.008 min  
Response: 119340631  
Conc: 1193.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



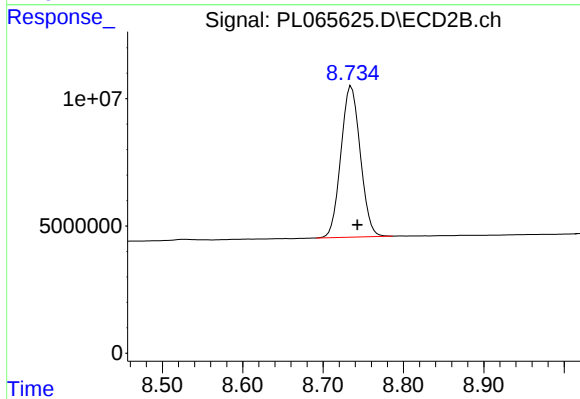
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.724 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.924 min  
Delta R.T.: -0.009 min  
Response: 106826587  
Conc: 44.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.735 min  
Delta R.T.: -0.008 min  
Response: 99375068  
Conc: 50.14 ng/ml