

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072023\  
 Data File : PL084051.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jul 2023 20:07  
 Operator : AR\AJ  
 Sample : PB154268BSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB154268BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 19 10:20:33 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 14 00:03:54 2023  
 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... | 3.476 | 2.688 | 38631620 | 19731585 | 19.317 | 17.767 |
| 28)                         | SA Decachlor... | 9.023 | 7.871 | 29236510 | 24474257 | 22.461 | 22.027 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.933 | 3.193 | 156.0E6  | 82563577 | 53.259 | 51.350 |
| 3)                          | MA gamma-BHC... | 4.267 | 3.524 | 142.6E6  | 77270383 | 50.463 | 50.813 |
| 4)                          | MA Heptachlor   | 4.859 | 3.865 | 164.0E6  | 74186224 | 60.336 | 62.951 |
| 5)                          | MB Aldrin       | 5.202 | 4.145 | 152.1E6  | 75078084 | 53.110 | 49.792 |
| 6)                          | B beta-BHC      | 4.466 | 3.825 | 64823891 | 34266590 | 54.027 | 51.914 |
| 7)                          | B delta-BHC     | 4.712 | 4.054 | 147.9E6  | 78048862 | 55.471 | 51.598 |
| 8)                          | B Heptachlo...  | 5.631 | 4.651 | 139.5E6  | 68690775 | 52.240 | 53.490 |
| 9)                          | A Endosulfan I  | 6.017 | 5.022 | 123.2E6  | 65876532 | 52.040 | 53.710 |
| 10)                         | B gamma-Chl...  | 5.888 | 4.904 | 135.0E6  | 72428272 | 52.268 | 54.369 |
| 11)                         | B alpha-Chl...  | 5.968 | 4.969 | 131.3E6  | 71123285 | 51.651 | 52.796 |
| 12)                         | B 4,4'-DDE      | 6.147 | 5.167 | 111.7E6  | 67059115 | 55.529 | 54.593 |
| 13)                         | MA Dieldrin     | 6.293 | 5.289 | 120.4E6  | 69400269 | 50.393 | 53.289 |
| 14)                         | MA Endrin       | 6.524 | 5.564 | 99207140 | 62249607 | 52.093 | 56.630 |
| 15)                         | B Endosulfa...  | 6.743 | 5.862 | 91315736 | 58936580 | 48.720 | 51.278 |
| 16)                         | A 4,4'-DDD      | 6.665 | 5.725 | 83112415 | 56919942 | 56.596 | 59.332 |
| 17)                         | MA 4,4'-DDT     | 6.981 | 5.977 | 87517389 | 58810973 | 54.877 | 64.571 |
| 18)                         | B Endrin al...  | 6.874 | 6.044 | 74776552 | 48657140 | 51.039 | 54.127 |
| 19)                         | B Endosulfa...  | 7.110 | 6.268 | 90525153 | 61410062 | 52.366 | 55.877 |
| 20)                         | A Methoxychlor  | 7.463 | 6.562 | 42299504 | 31909007 | 54.076 | 66.582 |
| 21)                         | B Endrin ke...  | 7.594 | 6.773 | 90125273 | 72926016 | 51.428 | 56.440 |
| 22)                         | Mirex           | 8.069 | 6.954 | 73011463 | 56317140 | 51.023 | 55.177 |
| -----                       |                 |       |       |          |          |        |        |

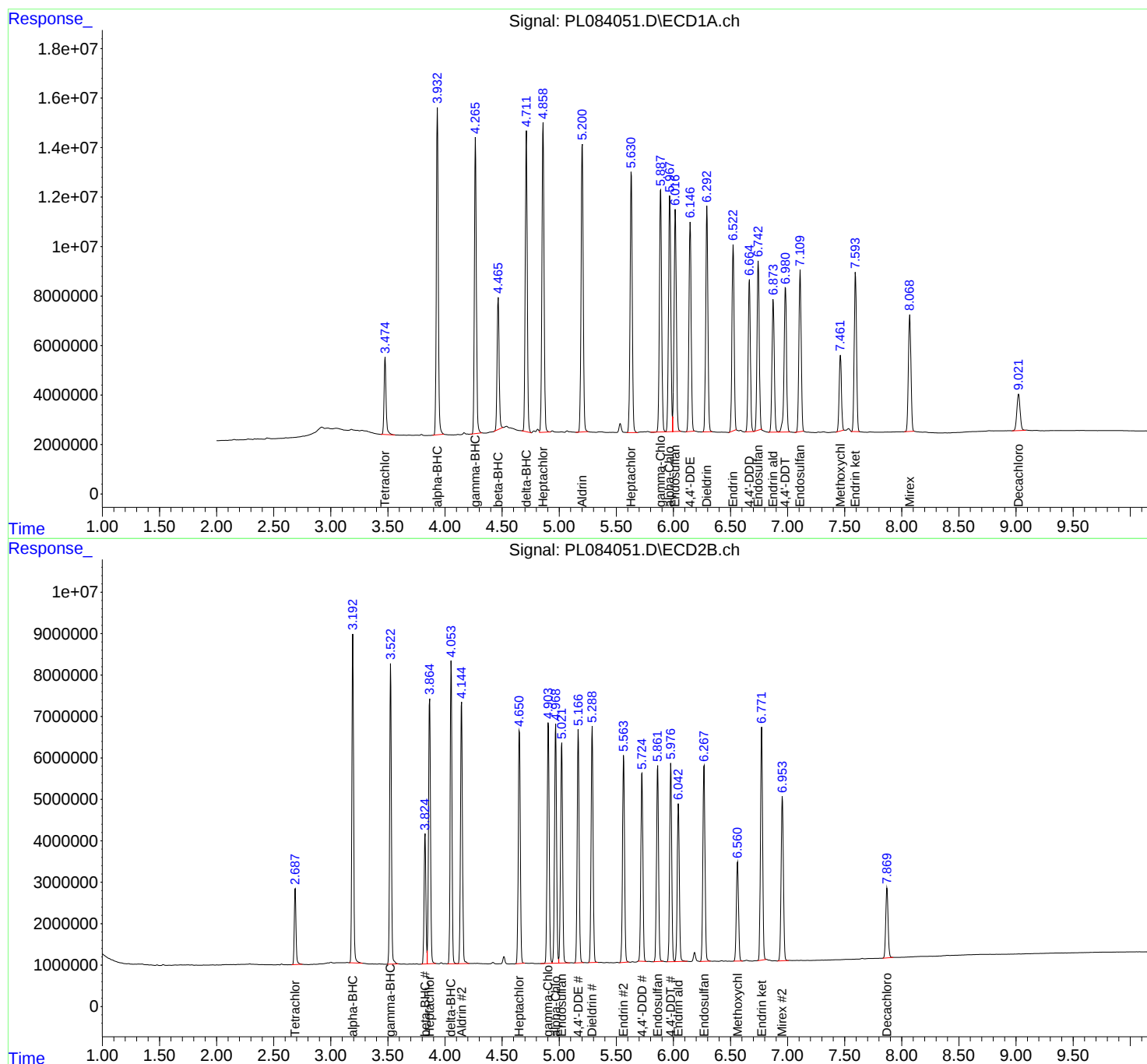
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

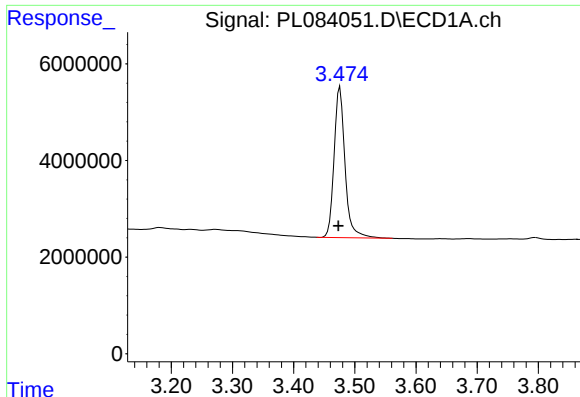
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072023\  
Data File : PL084051.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jul 2023 20:07  
Operator : AR\AJ  
Sample : PB154268BSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB154268BSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 19 10:20:33 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 14 00:03:54 2023  
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

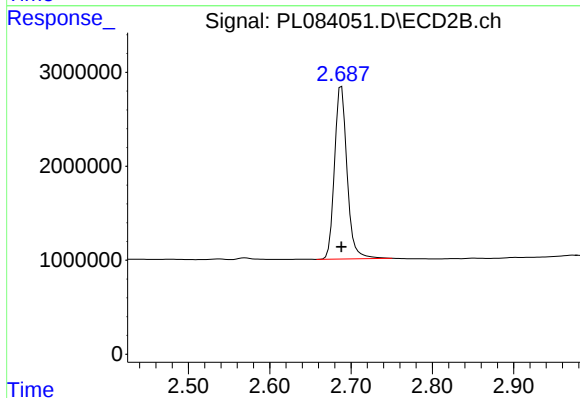




#1 Tetrachloro-m-xylene

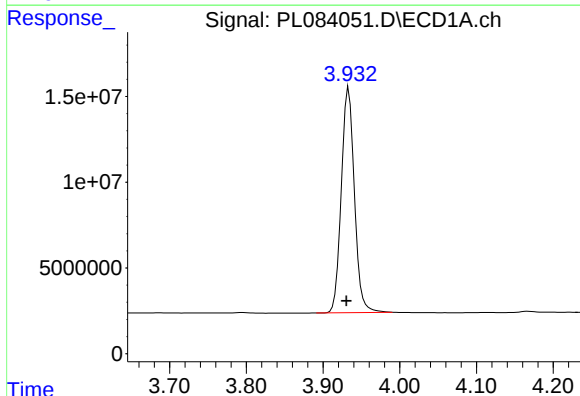
R.T.: 3.476 min  
Delta R.T.: 0.003 min  
Response: 38631620  
Conc: 19.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154268BSD



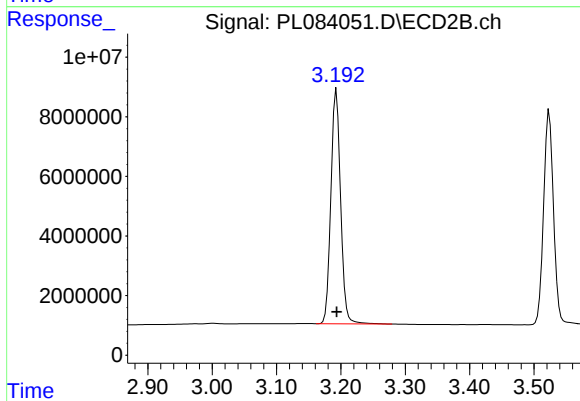
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: 0.000 min  
Response: 19731585  
Conc: 17.77 ng/ml



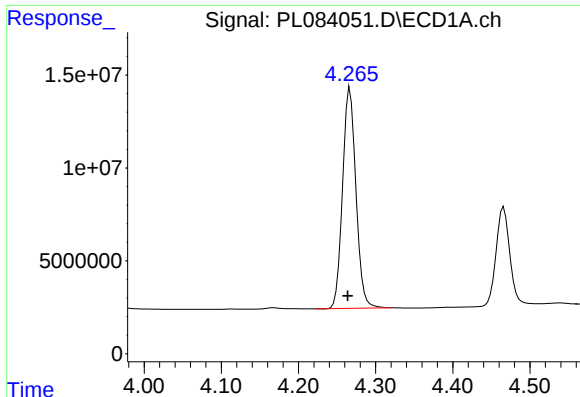
#2 alpha-BHC

R.T.: 3.933 min  
Delta R.T.: 0.003 min  
Response: 156037249  
Conc: 53.26 ng/ml



#2 alpha-BHC

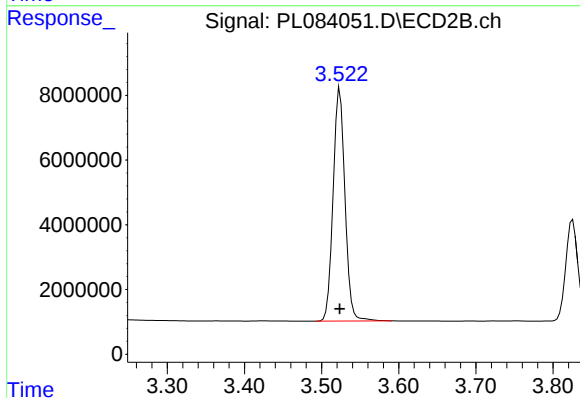
R.T.: 3.193 min  
Delta R.T.: 0.000 min  
Response: 82563577  
Conc: 51.35 ng/ml



#3 gamma-BHC (Lindane)

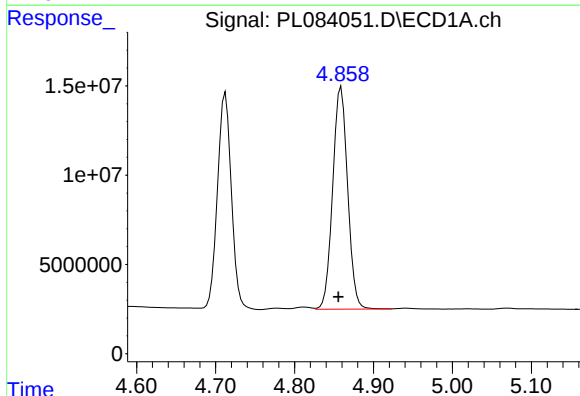
R.T.: 4.267 min  
Delta R.T.: 0.003 min  
Response: 142576305  
Conc: 50.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154268BSD



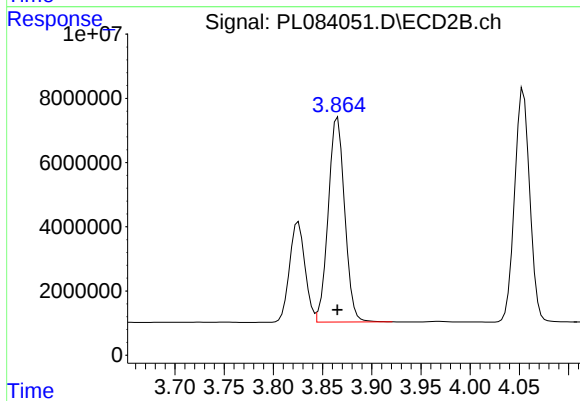
#3 gamma-BHC (Lindane)

R.T.: 3.524 min  
Delta R.T.: 0.000 min  
Response: 77270383  
Conc: 50.81 ng/ml



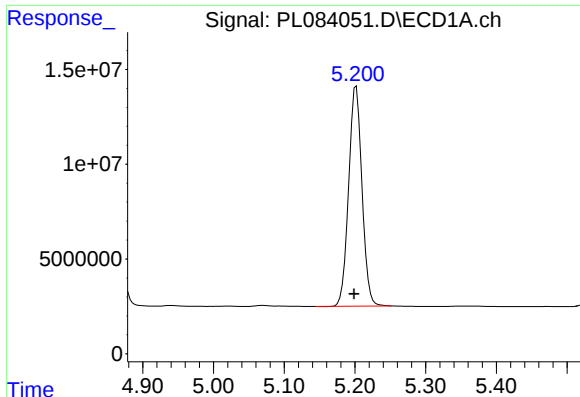
#4 Heptachlor

R.T.: 4.859 min  
Delta R.T.: 0.003 min  
Response: 163968988  
Conc: 60.34 ng/ml



#4 Heptachlor

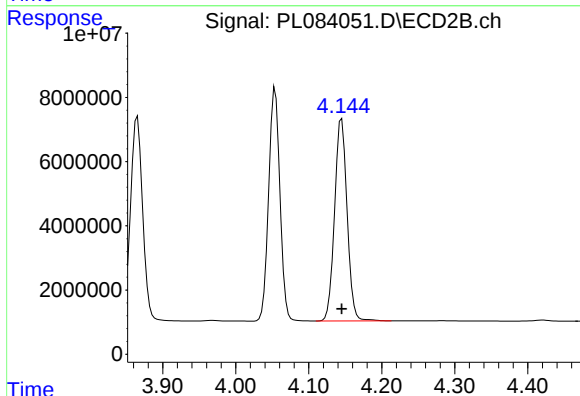
R.T.: 3.865 min  
Delta R.T.: 0.000 min  
Response: 74186224  
Conc: 62.95 ng/ml



#5 Aldrin

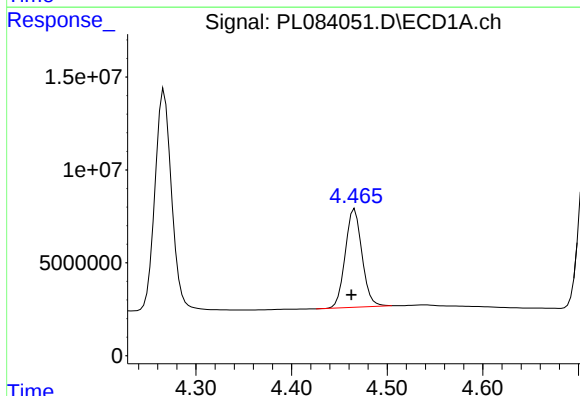
R.T.: 5.202 min  
Delta R.T.: 0.003 min  
Response: 152117714  
Conc: 53.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154268BSD



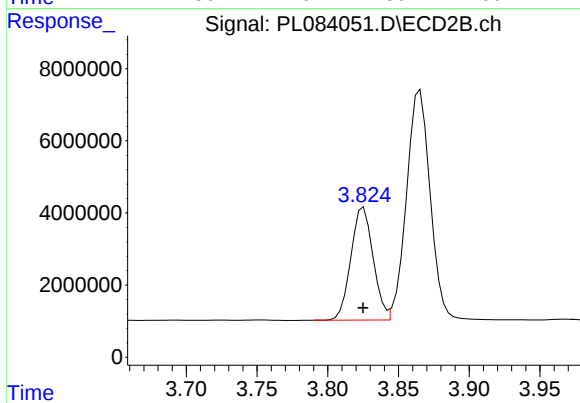
#5 Aldrin

R.T.: 4.145 min  
Delta R.T.: 0.000 min  
Response: 75078084  
Conc: 49.79 ng/ml



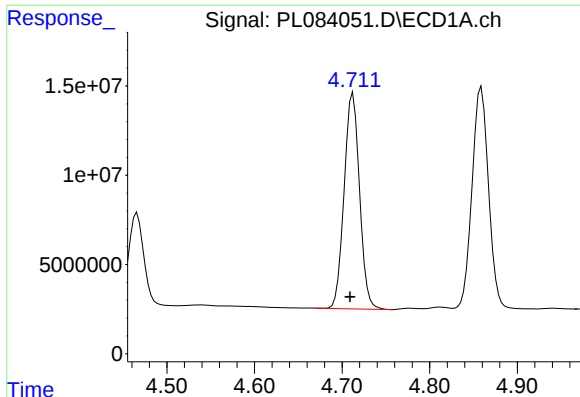
#6 beta-BHC

R.T.: 4.466 min  
Delta R.T.: 0.003 min  
Response: 64823891  
Conc: 54.03 ng/ml



#6 beta-BHC

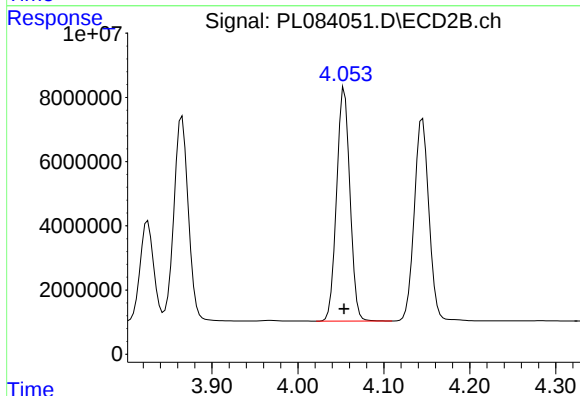
R.T.: 3.825 min  
Delta R.T.: 0.000 min  
Response: 34266590  
Conc: 51.91 ng/ml



#7 delta-BHC

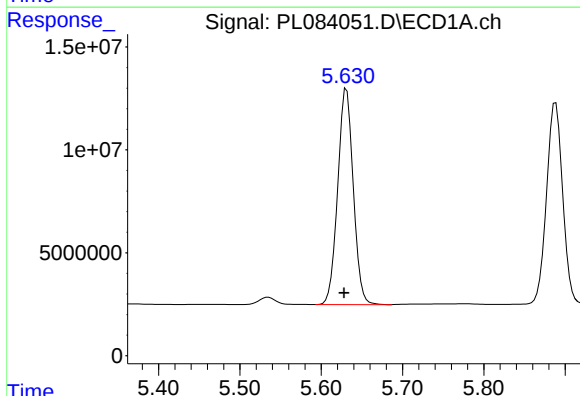
R.T.: 4.712 min  
Delta R.T.: 0.003 min  
Response: 147872881  
Conc: 55.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154268BSD



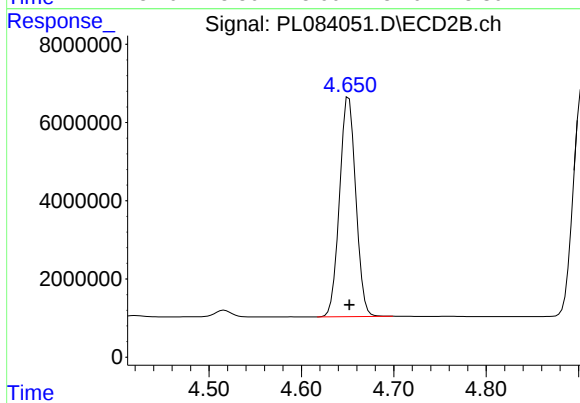
#7 delta-BHC

R.T.: 4.054 min  
Delta R.T.: 0.000 min  
Response: 78048862  
Conc: 51.60 ng/ml



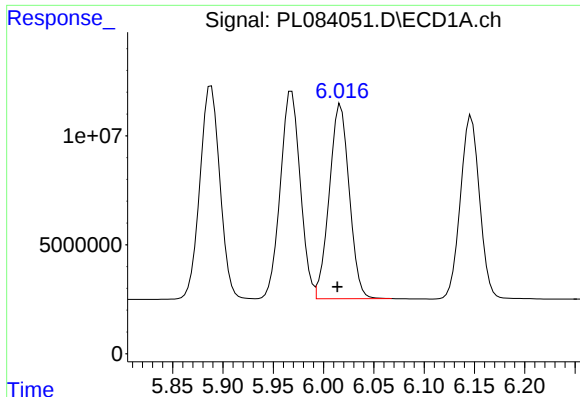
#8 Heptachlor epoxide

R.T.: 5.631 min  
Delta R.T.: 0.003 min  
Response: 139458775  
Conc: 52.24 ng/ml



#8 Heptachlor epoxide

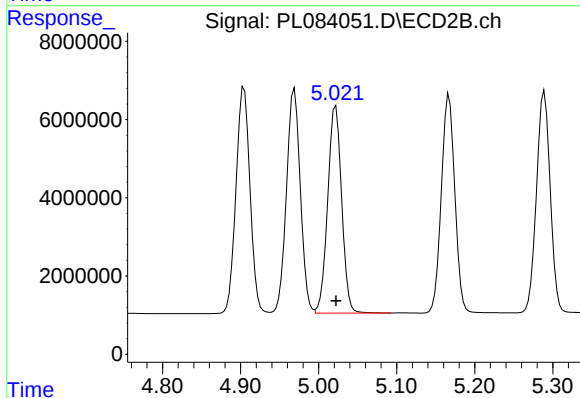
R.T.: 4.651 min  
Delta R.T.: 0.000 min  
Response: 68690775  
Conc: 53.49 ng/ml



#9 Endosulfan I

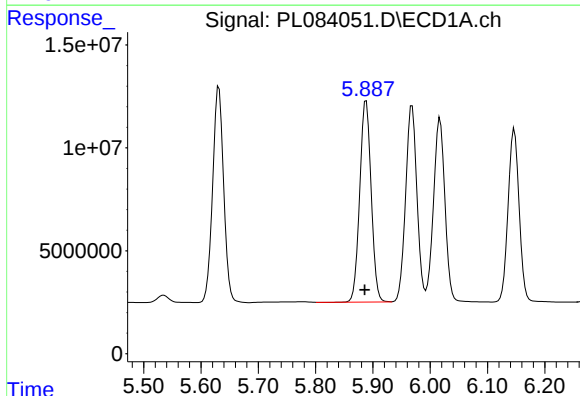
R.T.: 6.017 min  
Delta R.T.: 0.003 min  
Response: 123242124  
Conc: 52.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154268BSD



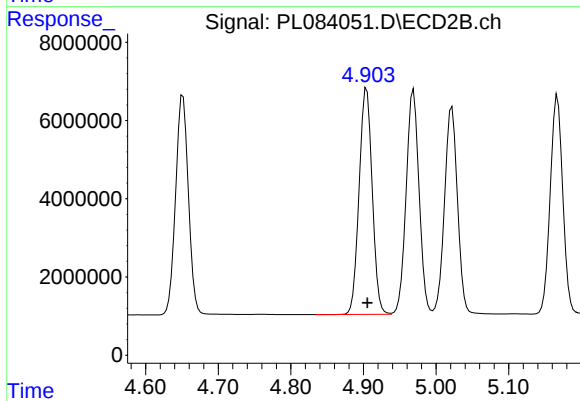
#9 Endosulfan I

R.T.: 5.022 min  
Delta R.T.: 0.000 min  
Response: 65876532  
Conc: 53.71 ng/ml



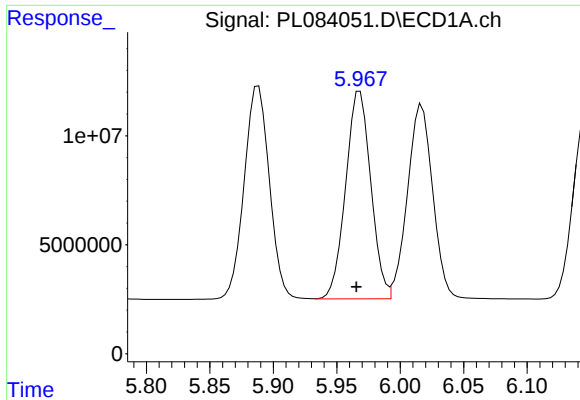
#10 gamma-Chlordane

R.T.: 5.888 min  
Delta R.T.: 0.003 min  
Response: 134952493  
Conc: 52.27 ng/ml



#10 gamma-Chlordane

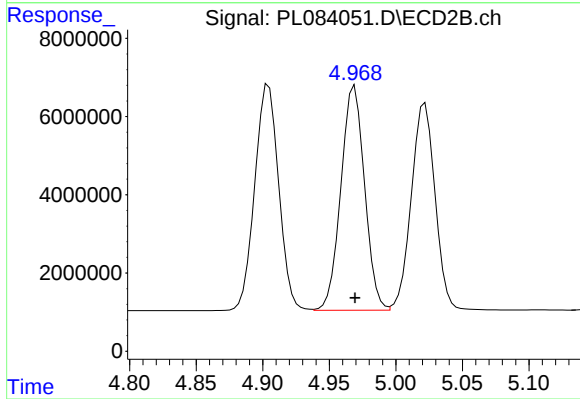
R.T.: 4.904 min  
Delta R.T.: 0.000 min  
Response: 72428272  
Conc: 54.37 ng/ml



#11 alpha-Chlordane

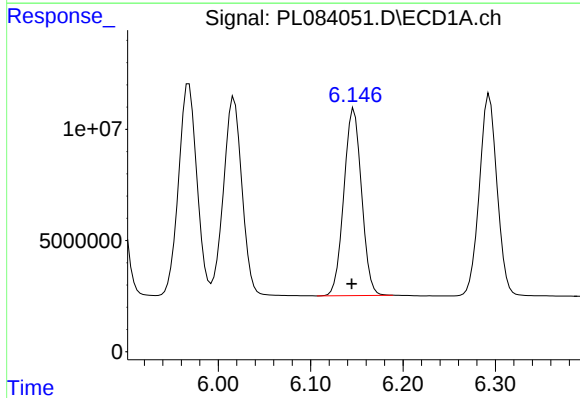
R.T.: 5.968 min  
Delta R.T.: 0.003 min  
Response: 131300168  
Conc: 51.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154268BSD



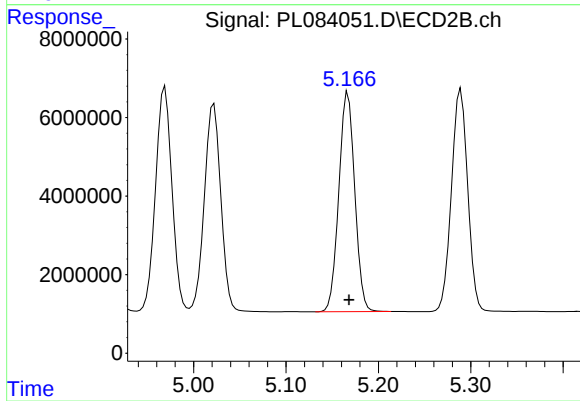
#11 alpha-Chlordane

R.T.: 4.969 min  
Delta R.T.: 0.000 min  
Response: 71123285  
Conc: 52.80 ng/ml



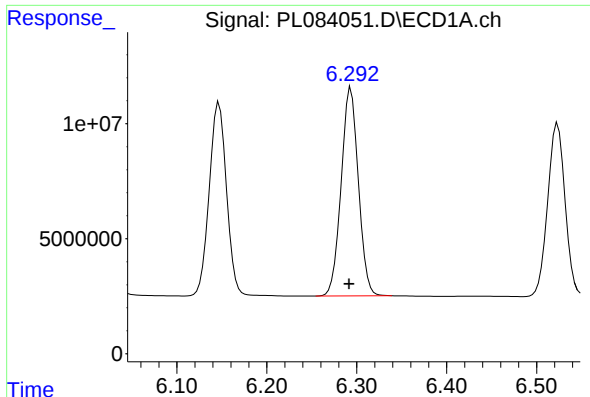
#12 4,4'-DDE

R.T.: 6.147 min  
Delta R.T.: 0.002 min  
Response: 111724545  
Conc: 55.53 ng/ml



#12 4,4'-DDE

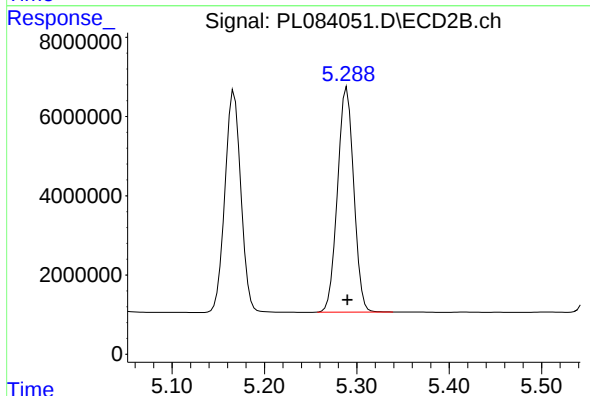
R.T.: 5.167 min  
Delta R.T.: 0.000 min  
Response: 67059115  
Conc: 54.59 ng/ml



#13 Dieldrin

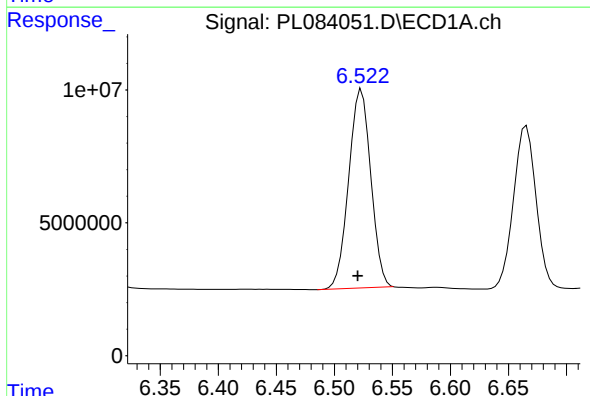
R.T.: 6.293 min  
Delta R.T.: 0.002 min  
Response: 120417815  
Conc: 50.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154268BSD



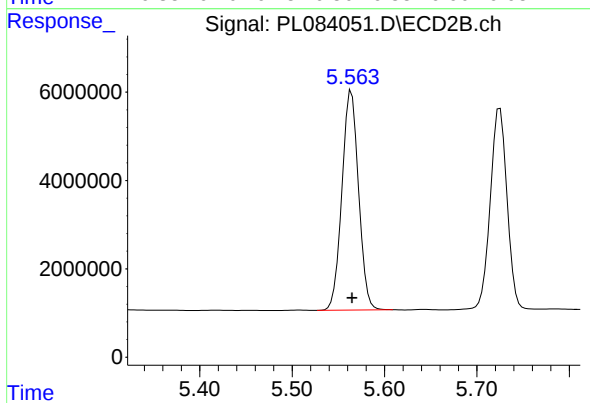
#13 Dieldrin

R.T.: 5.289 min  
Delta R.T.: 0.000 min  
Response: 69400269  
Conc: 53.29 ng/ml



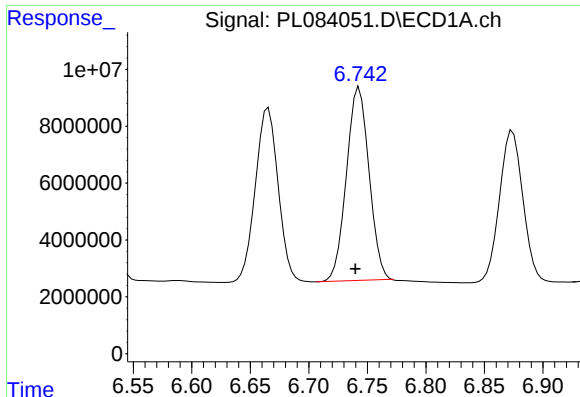
#14 Endrin

R.T.: 6.524 min  
Delta R.T.: 0.003 min  
Response: 99207140  
Conc: 52.09 ng/ml



#14 Endrin

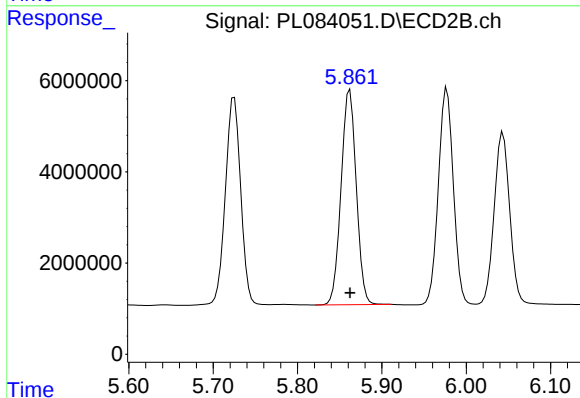
R.T.: 5.564 min  
Delta R.T.: 0.000 min  
Response: 62249607  
Conc: 56.63 ng/ml



#15 Endosulfan II

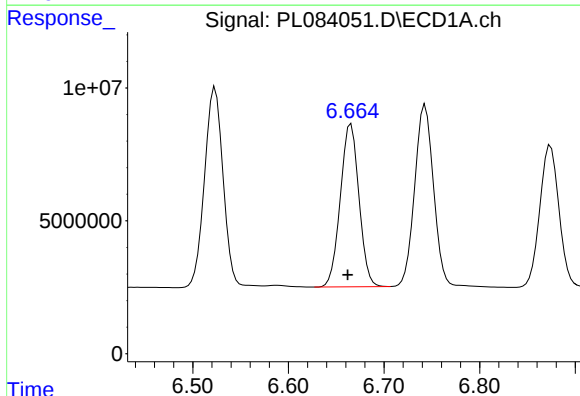
R.T.: 6.743 min  
Delta R.T.: 0.003 min  
Response: 91315736  
Conc: 48.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154268BSD



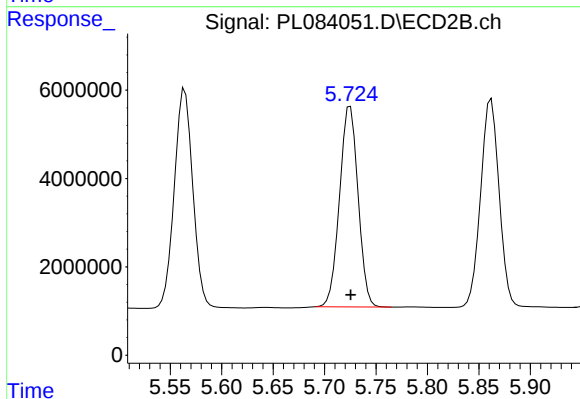
#15 Endosulfan II

R.T.: 5.862 min  
Delta R.T.: 0.000 min  
Response: 58936580  
Conc: 51.28 ng/ml



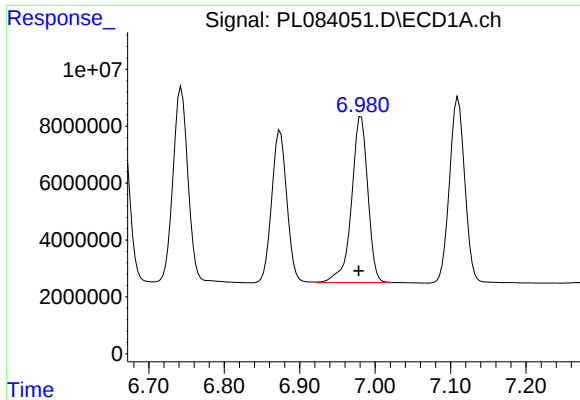
#16 4,4'-DDD

R.T.: 6.665 min  
Delta R.T.: 0.003 min  
Response: 83112415  
Conc: 56.60 ng/ml



#16 4,4'-DDD

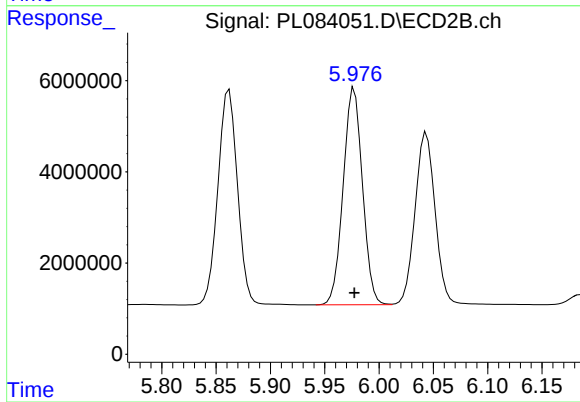
R.T.: 5.725 min  
Delta R.T.: 0.000 min  
Response: 56919942  
Conc: 59.33 ng/ml



#17 4,4'-DDT

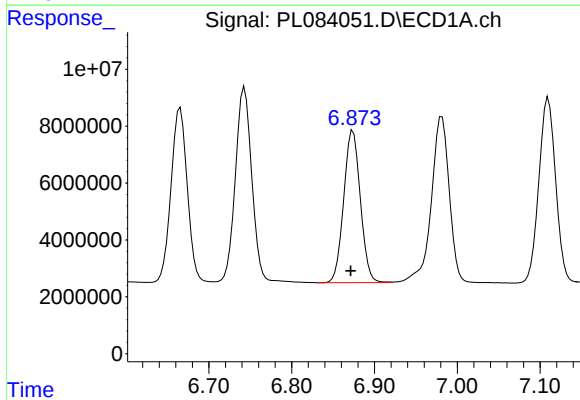
R.T.: 6.981 min  
Delta R.T.: 0.003 min  
Response: 87517389  
Conc: 54.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154268BSD



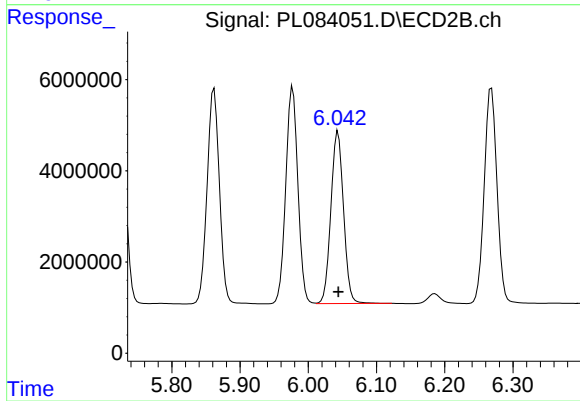
#17 4,4'-DDT

R.T.: 5.977 min  
Delta R.T.: 0.000 min  
Response: 58810973  
Conc: 64.57 ng/ml



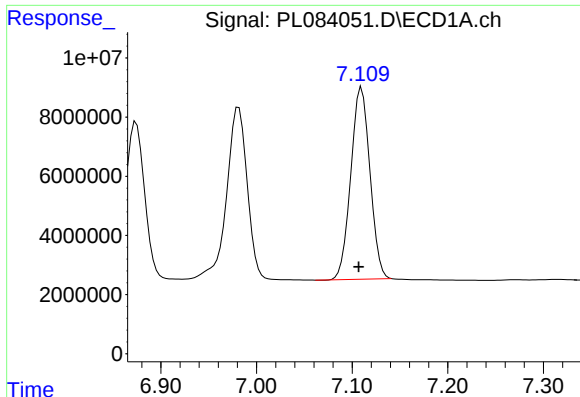
#18 Endrin aldehyde

R.T.: 6.874 min  
Delta R.T.: 0.003 min  
Response: 74776552  
Conc: 51.04 ng/ml



#18 Endrin aldehyde

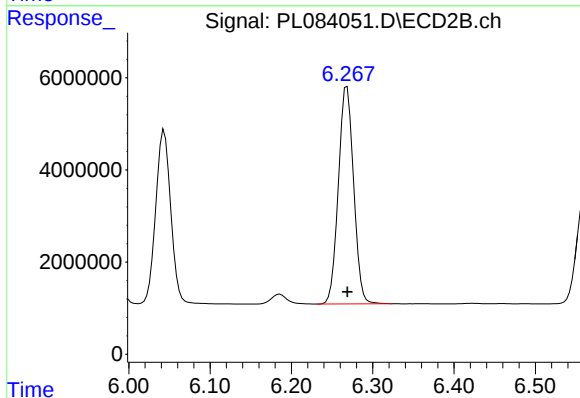
R.T.: 6.044 min  
Delta R.T.: 0.000 min  
Response: 48657140  
Conc: 54.13 ng/ml



#19 Endosulfan Sulfate

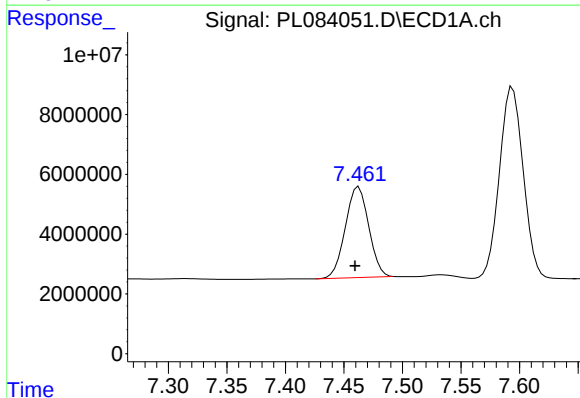
R.T.: 7.110 min  
Delta R.T.: 0.003 min  
Response: 90525153  
Conc: 52.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154268BSD



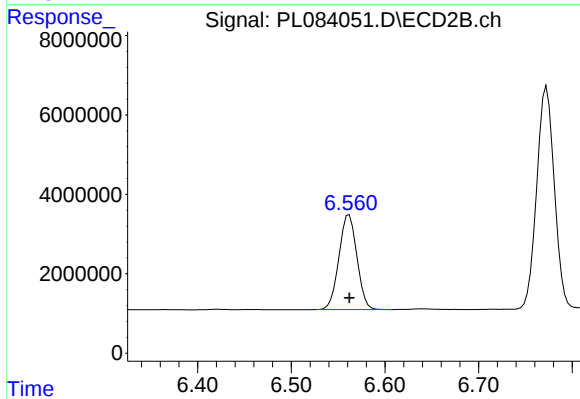
#19 Endosulfan Sulfate

R.T.: 6.268 min  
Delta R.T.: 0.000 min  
Response: 61410062  
Conc: 55.88 ng/ml



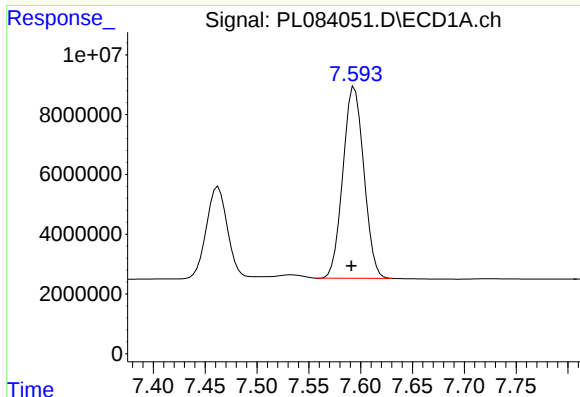
#20 Methoxychlor

R.T.: 7.463 min  
Delta R.T.: 0.003 min  
Response: 42299504  
Conc: 54.08 ng/ml



#20 Methoxychlor

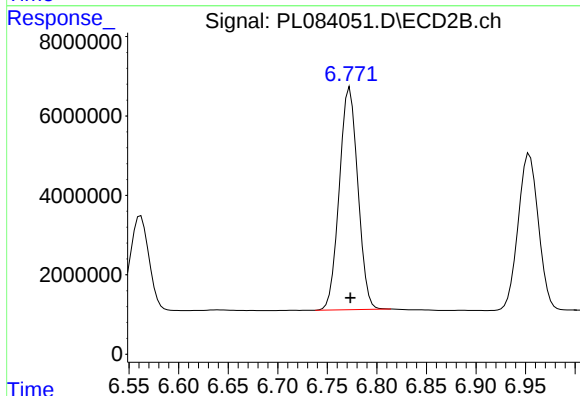
R.T.: 6.562 min  
Delta R.T.: 0.000 min  
Response: 31909007  
Conc: 66.58 ng/ml



#21 Endrin ketone

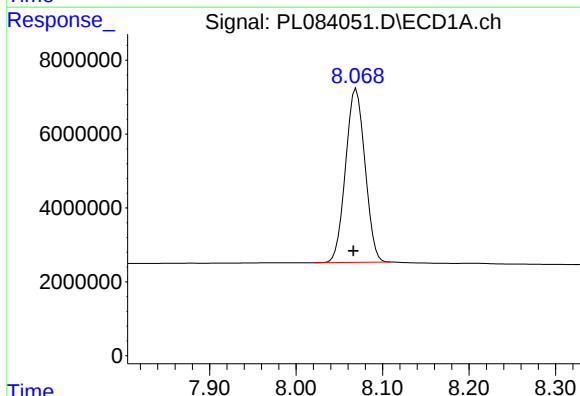
R.T.: 7.594 min  
Delta R.T.: 0.003 min  
Response: 90125273  
Conc: 51.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154268BSD



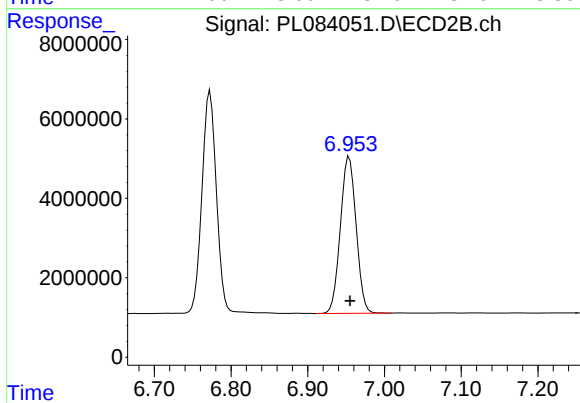
#21 Endrin ketone

R.T.: 6.773 min  
Delta R.T.: 0.000 min  
Response: 72926016  
Conc: 56.44 ng/ml



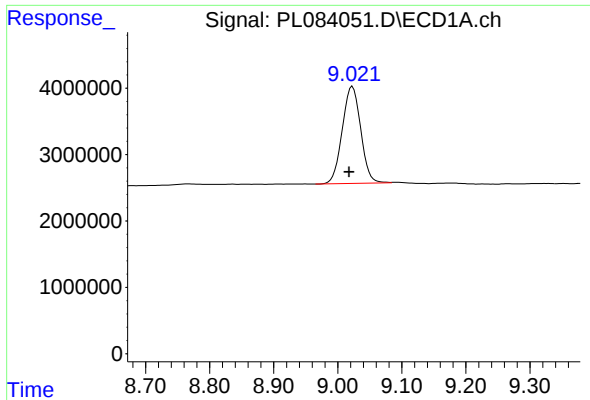
#22 Mirex

R.T.: 8.069 min  
Delta R.T.: 0.003 min  
Response: 73011463  
Conc: 51.02 ng/ml



#22 Mirex

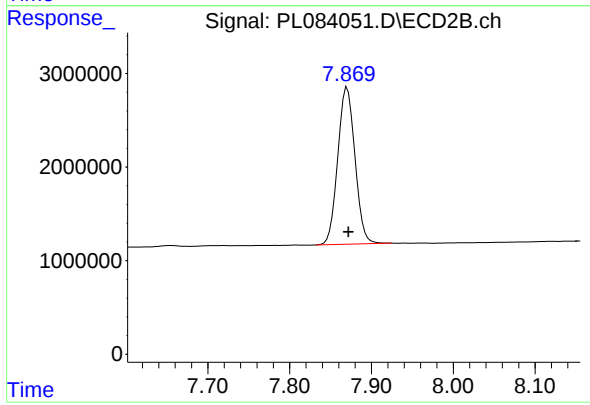
R.T.: 6.954 min  
Delta R.T.: -0.001 min  
Response: 56317140  
Conc: 55.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.023 min  
Delta R.T.: 0.005 min  
Response: 29236510  
Conc: 22.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154268BSD



#28 Decachlorobiphenyl

R.T.: 7.871 min  
Delta R.T.: -0.001 min  
Response: 24474257  
Conc: 22.03 ng/ml