

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080123\  
 Data File : PL084393.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Jul 2023 18:33  
 Operator : AR\AJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 01 05:31:05 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080123.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 31 17:26:06 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  | 2.687 | 109.8E6  | 52732334 | 47.512  | 48.232    |
| 28)                         | SA Decachlor... | 9.024  | 7.869 | 71473519 | 57272871 | 46.539  | 46.837    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.933  | 3.191 | 166.1E6  | 81134911 | 48.702  | 49.537    |
| 3)                          | MA gamma-BHC... | 4.267  | 3.522 | 151.7E6  | 75545573 | 46.375  | 47.401    |
| 4)                          | MA Heptachlor   | 4.859  | 3.863 | 169.8E6  | 74600842 | 48.743  | 49.933    |
| 5)                          | MB Aldrin       | 5.202  | 4.144 | 155.9E6  | 71622506 | 46.033  | 47.238    |
| 6)                          | B beta-BHC      | 4.466  | 3.824 | 66345083 | 33231755 | 45.956  | 47.877    |
| 7)                          | B delta-BHC     | 4.713  | 4.053 | 154.2E6  | 75486425 | 47.086  | 48.012    |
| 8)                          | B Heptachlo...  | 5.632  | 4.650 | 142.6E6  | 65021966 | 46.611  | 47.540    |
| 9)                          | A Endosulfan I  | 6.018  | 5.020 | 125.9E6  | 61859012 | 47.370  | 48.426    |
| 10)                         | B gamma-Chl...  | 5.890  | 4.903 | 137.3E6  | 67551221 | 47.485  | 48.335    |
| 11)                         | B alpha-Chl...  | 5.969  | 4.967 | 134.2E6  | 67152551 | 47.181  | 47.740    |
| 12)                         | B 4,4'-DDE      | 6.148  | 5.165 | 109.0E6  | 60940493 | 47.700  | 48.370    |
| 13)                         | MA Dieldrin     | 6.295  | 5.287 | 122.5E6  | 65385882 | 45.948  | 46.693    |
| 14)                         | MA Endrin       | 6.525  | 5.563 | 103.2E6  | 59919933 | 46.936  | 47.780    |
| 15)                         | B Endosulfa...  | 6.745  | 5.860 | 93827535 | 55305682 | 44.268  | 44.736    |
| 16)                         | A 4,4'-DDD      | 6.666  | 5.723 | 77921327 | 50897381 | 47.651  | 48.684    |
| 17)                         | MA 4,4'-DDT     | 6.983  | 5.976 | 88447538 | 57491186 | 49.656  | 48.259    |
| 18)                         | B Endrin al...  | 6.876  | 6.042 | 73321467 | 44560760 | 44.383  | 44.243    |
| 19)                         | B Endosulfa...  | 7.112  | 6.267 | 91788139 | 57621249 | 46.477  | 47.572    |
| 20)                         | A Methoxychlor  | 7.464  | 6.560 | 42649005 | 32328646 | 46.176  | 46.145    |
| 21)                         | B Endrin ke...  | 7.596  | 6.772 | 90827393 | 67978993 | 45.621  | 46.327    |
| 22)                         | Mirex           | 8.072  | 6.953 | 74968489 | 53913609 | 45.716  | 46.533    |
| 24)                         | Chlordane-2     | 5.202f | 4.279 | 155.9E6  | 75098    | 168.177 | 0.176 #   |
| 25)                         | Chlordane-3     | 5.890  | 4.903 | 137.3E6  | 67551221 | 34.615  | 49.409 #  |
| 26)                         | Chlordane-4     | 5.969  | 4.967 | 134.2E6  | 67152551 | 29.191  | 46.913 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.860 | 0        | 55305682 | N.D.    | 109.661 # |
| -----                       |                 |        |       |          |          |         |           |

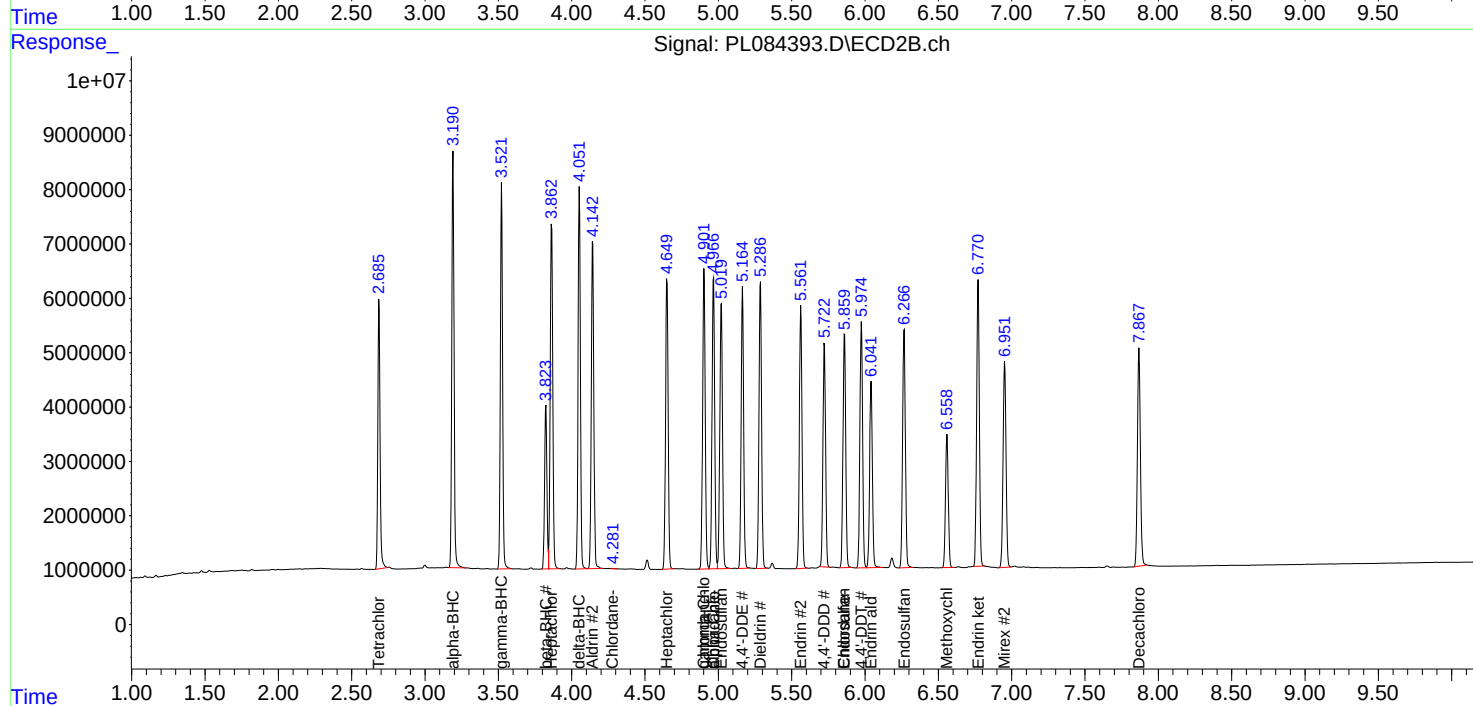
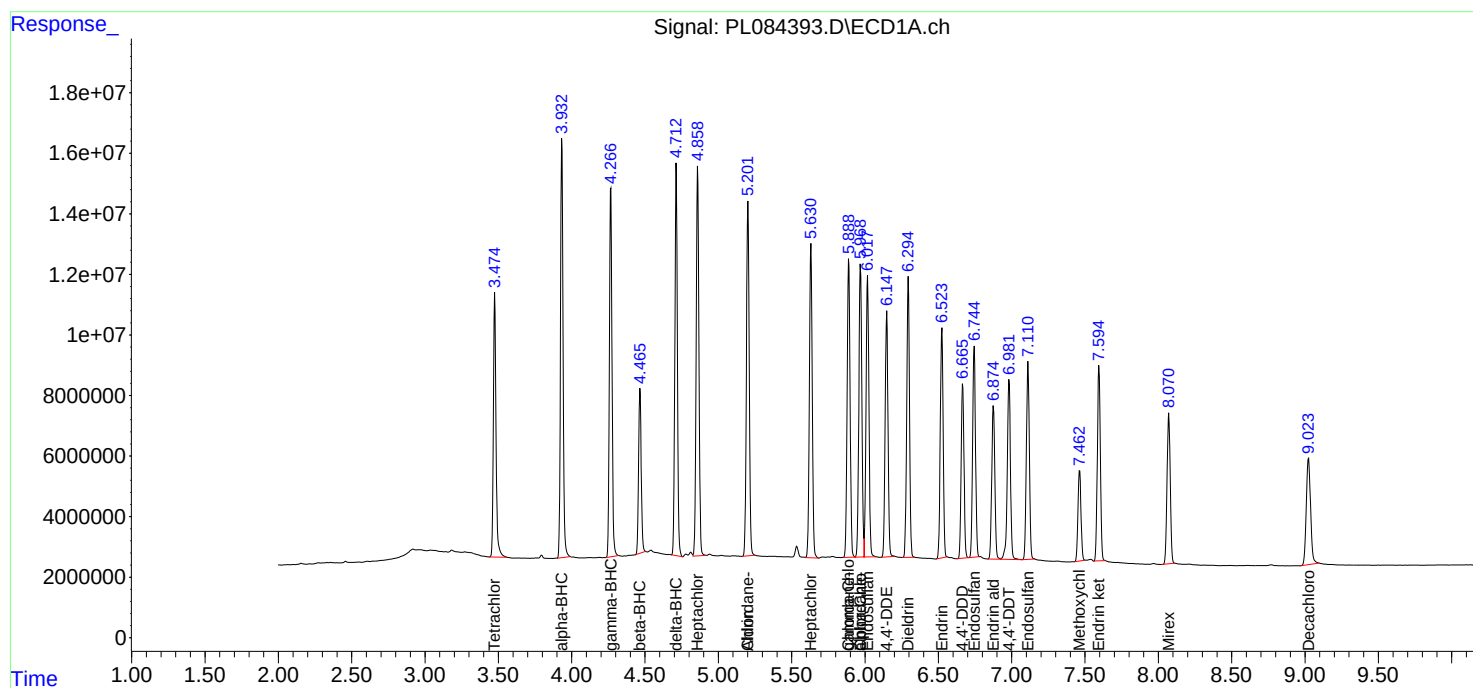
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

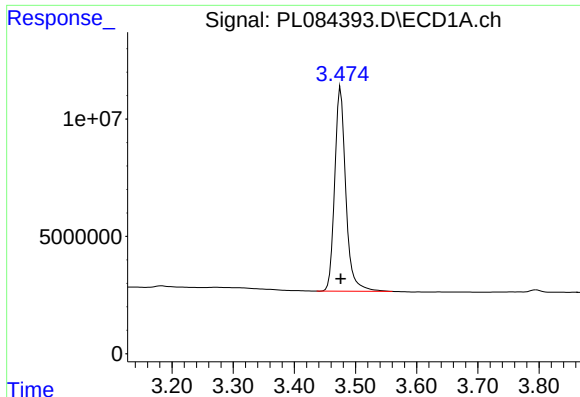
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080123\  
Data File : PL084393.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Jul 2023 18:33  
Operator : AR\AJ  
Sample : PSTDICV050  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 01 05:31:05 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080123.M  
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QLast Update : Mon Jul 31 17:26:06 2023  
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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

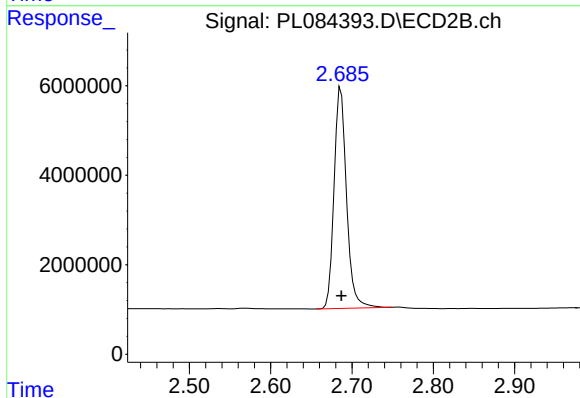




#1 Tetrachloro-m-xylene

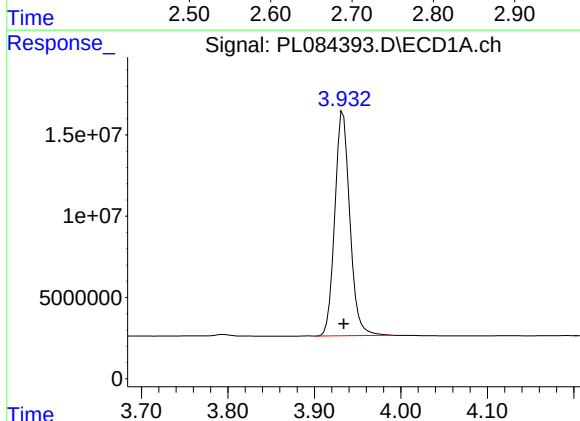
R.T.: 3.476 min  
Delta R.T.: 0.000 min  
Response: 109779241  
Conc: 47.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



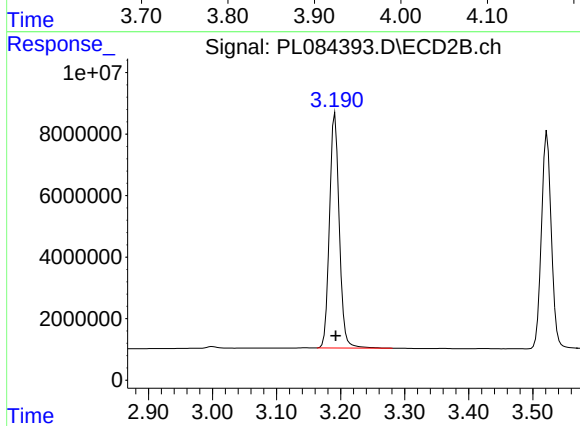
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: 0.000 min  
Response: 52732334  
Conc: 48.23 ng/ml



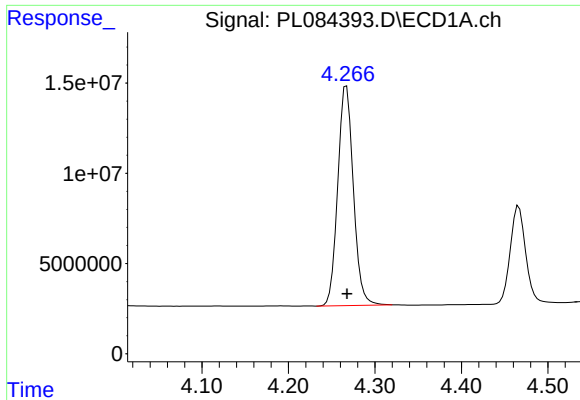
#2 alpha-BHC

R.T.: 3.933 min  
Delta R.T.: 0.000 min  
Response: 166074202  
Conc: 48.70 ng/ml



#2 alpha-BHC

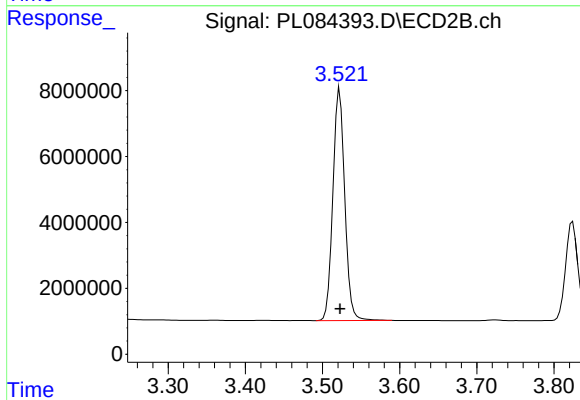
R.T.: 3.191 min  
Delta R.T.: 0.000 min  
Response: 81134911  
Conc: 49.54 ng/ml



#3 gamma-BHC (Lindane)

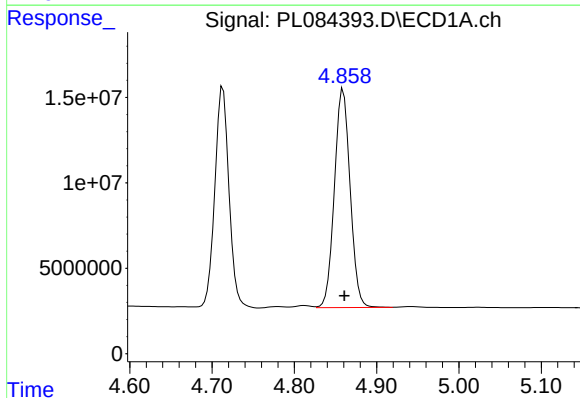
R.T.: 4.267 min  
Delta R.T.: 0.000 min  
Response: 151714742  
Conc: 46.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



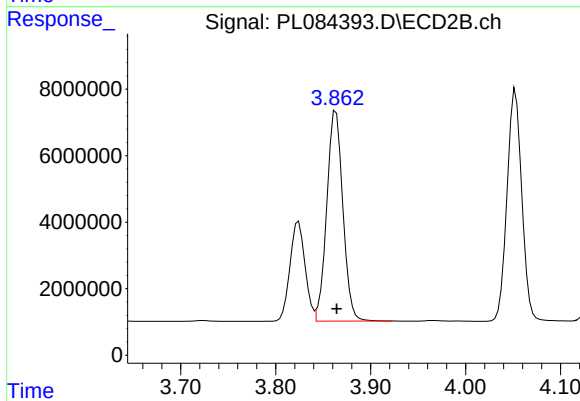
#3 gamma-BHC (Lindane)

R.T.: 3.522 min  
Delta R.T.: 0.000 min  
Response: 75545573  
Conc: 47.40 ng/ml



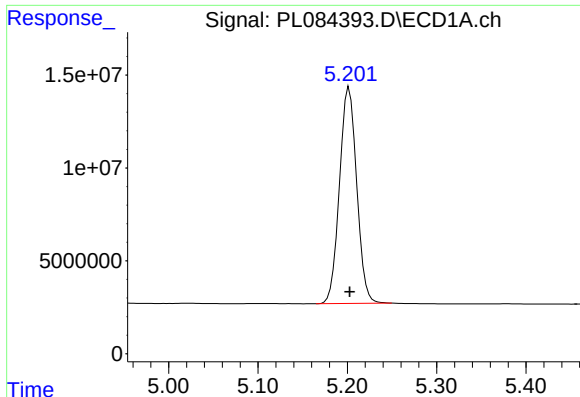
#4 Heptachlor

R.T.: 4.859 min  
Delta R.T.: -0.001 min  
Response: 169848352  
Conc: 48.74 ng/ml



#4 Heptachlor

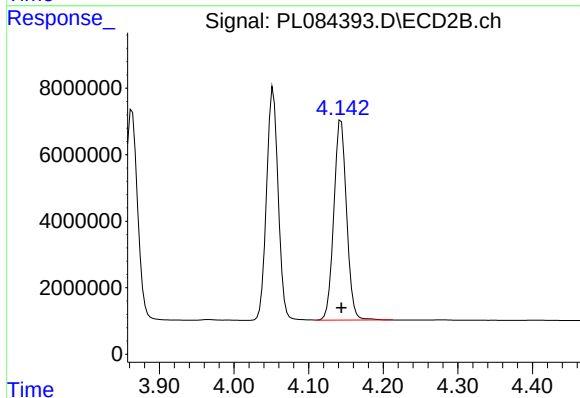
R.T.: 3.863 min  
Delta R.T.: 0.000 min  
Response: 74600842  
Conc: 49.93 ng/ml



#5 Aldrin

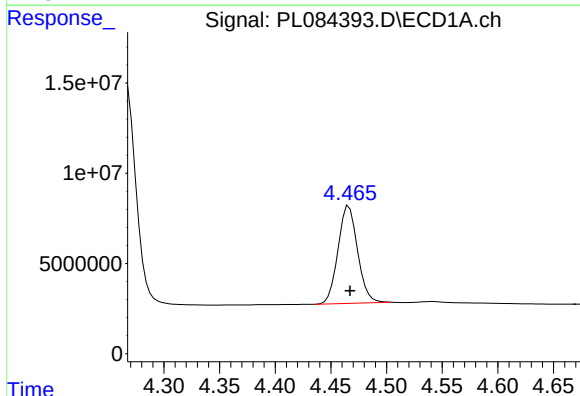
R.T.: 5.202 min  
Delta R.T.: 0.000 min  
Response: 155867372  
Conc: 46.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



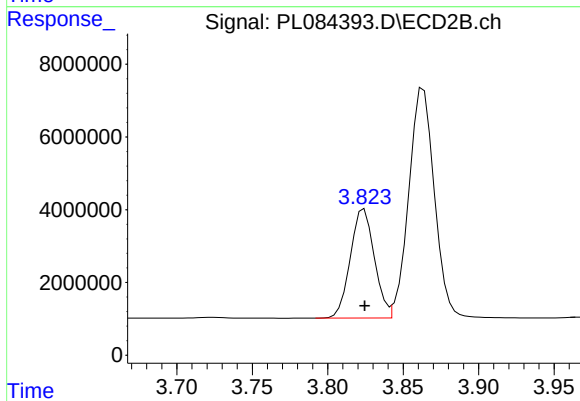
#5 Aldrin

R.T.: 4.144 min  
Delta R.T.: 0.000 min  
Response: 71622506  
Conc: 47.24 ng/ml



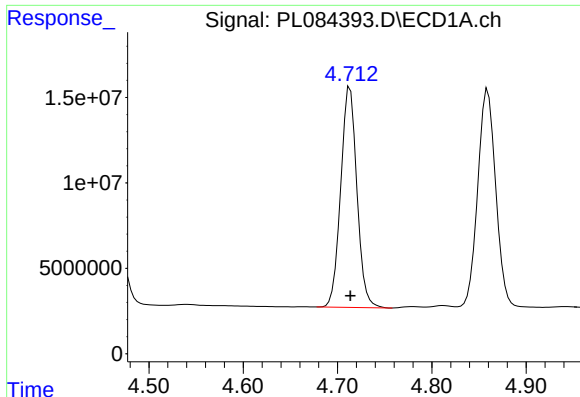
#6 beta-BHC

R.T.: 4.466 min  
Delta R.T.: 0.000 min  
Response: 66345083  
Conc: 45.96 ng/ml



#6 beta-BHC

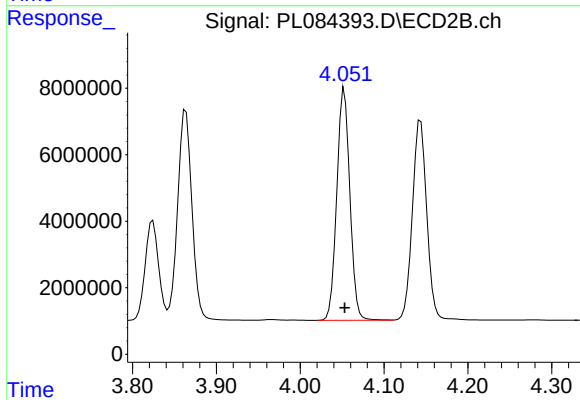
R.T.: 3.824 min  
Delta R.T.: 0.000 min  
Response: 33231755  
Conc: 47.88 ng/ml



#7 delta-BHC

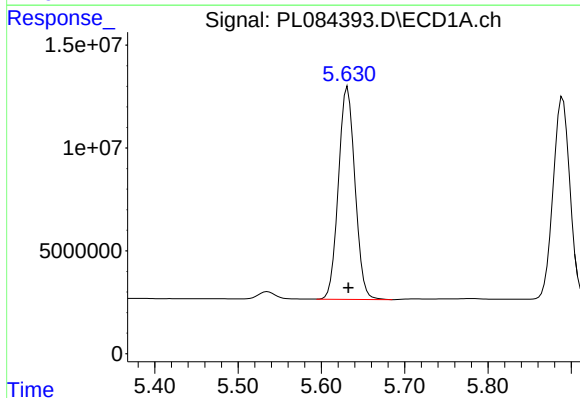
R.T.: 4.713 min  
Delta R.T.: 0.000 min  
Response: 154224918  
Conc: 47.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



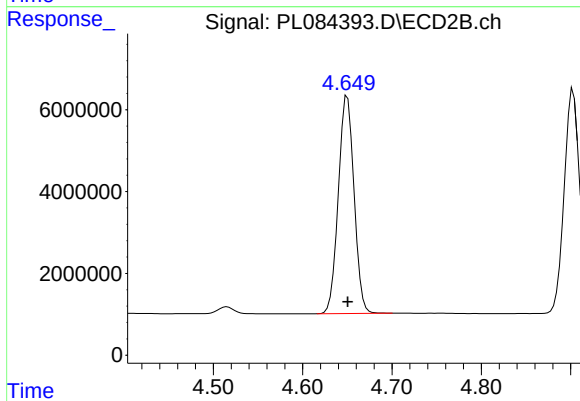
#7 delta-BHC

R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 75486425  
Conc: 48.01 ng/ml



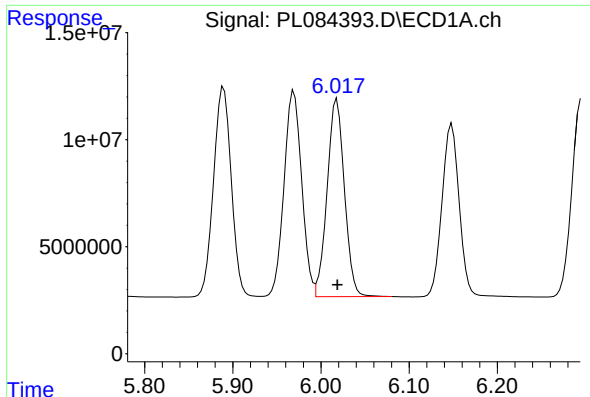
#8 Heptachlor epoxide

R.T.: 5.632 min  
Delta R.T.: 0.000 min  
Response: 142633760  
Conc: 46.61 ng/ml



#8 Heptachlor epoxide

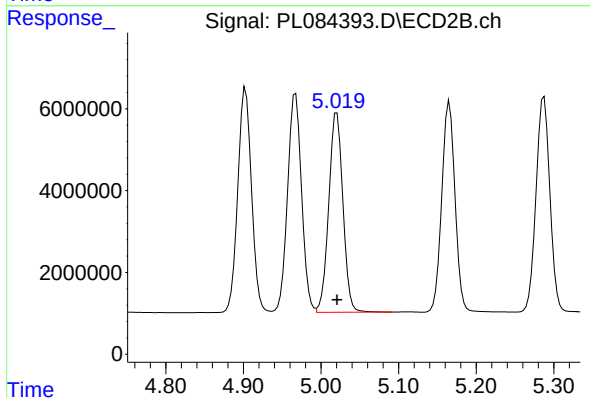
R.T.: 4.650 min  
Delta R.T.: 0.000 min  
Response: 65021966  
Conc: 47.54 ng/ml



#9 Endosulfan I

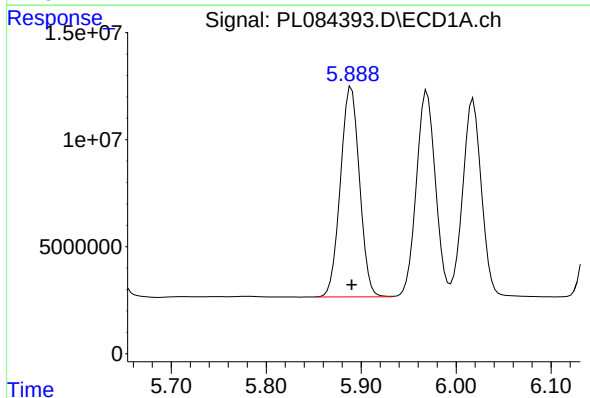
R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 125948209  
Conc: 47.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



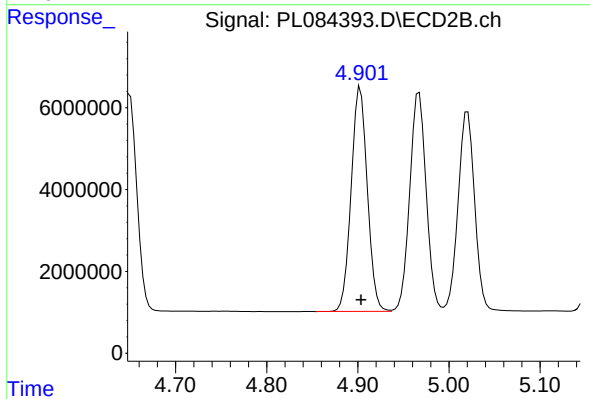
#9 Endosulfan I

R.T.: 5.020 min  
Delta R.T.: 0.000 min  
Response: 61859012  
Conc: 48.43 ng/ml



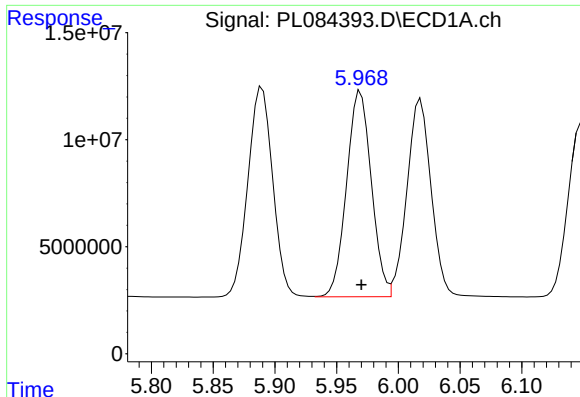
#10 gamma-Chlordane

R.T.: 5.890 min  
Delta R.T.: 0.000 min  
Response: 137317525  
Conc: 47.49 ng/ml



#10 gamma-Chlordane

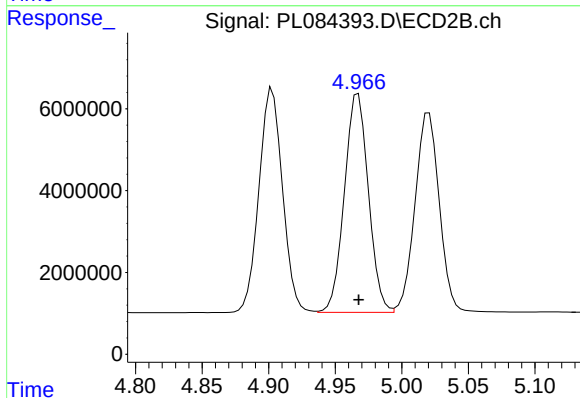
R.T.: 4.903 min  
Delta R.T.: 0.000 min  
Response: 67551221  
Conc: 48.33 ng/ml



#11 alpha-Chlordane

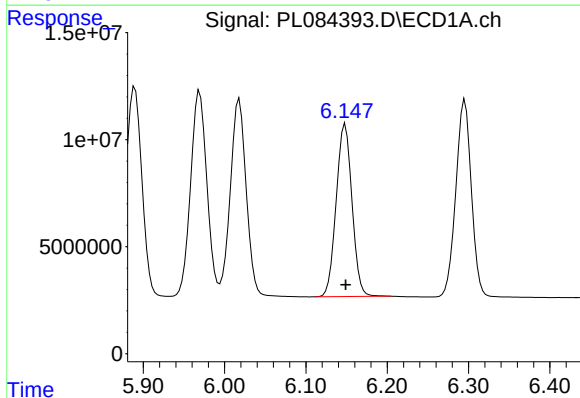
R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 134241651  
Conc: 47.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



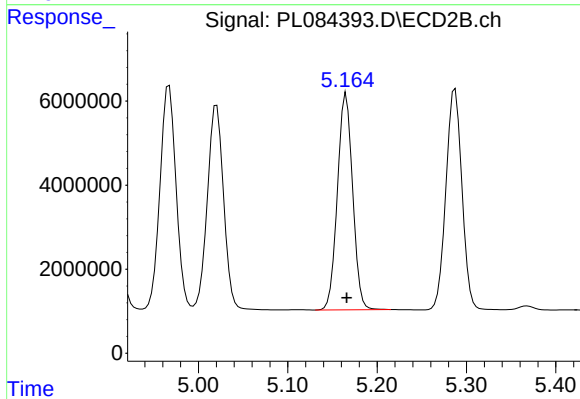
#11 alpha-Chlordane

R.T.: 4.967 min  
Delta R.T.: 0.000 min  
Response: 67152551  
Conc: 47.74 ng/ml



#12 4,4'-DDE

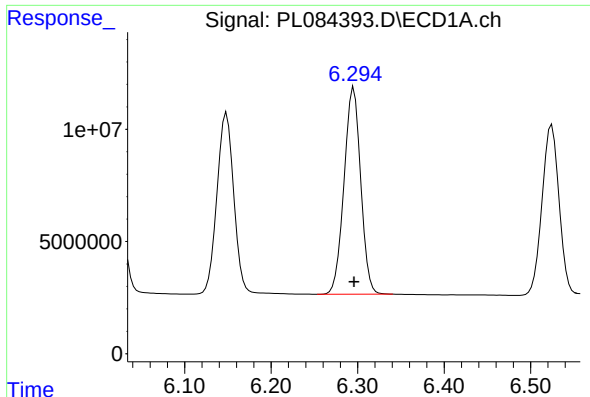
R.T.: 6.148 min  
Delta R.T.: 0.000 min  
Response: 108963878  
Conc: 47.70 ng/ml



#12 4,4'-DDE

R.T.: 5.165 min  
Delta R.T.: 0.000 min  
Response: 60940493  
Conc: 48.37 ng/ml

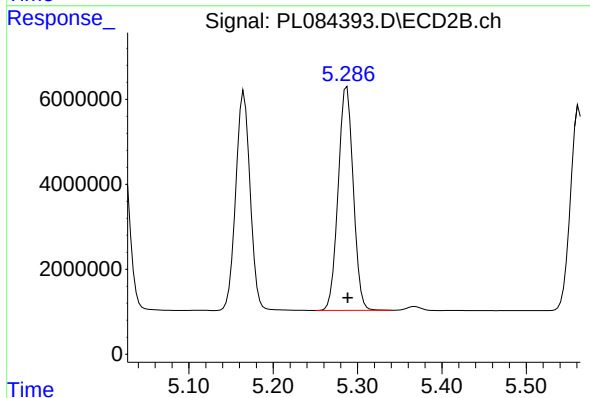




#13 Dieldrin

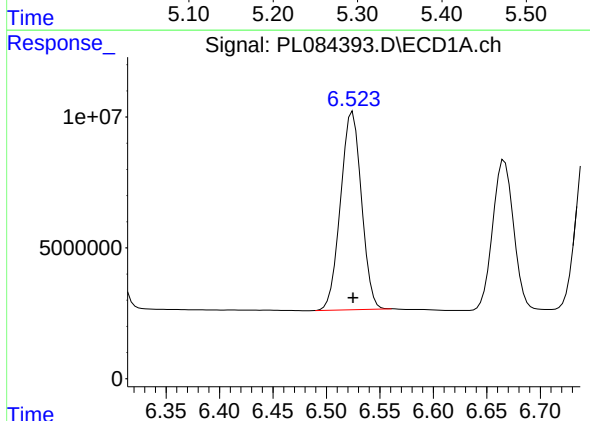
R.T.: 6.295 min  
Delta R.T.: 0.000 min  
Response: 122544403  
Conc: 45.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



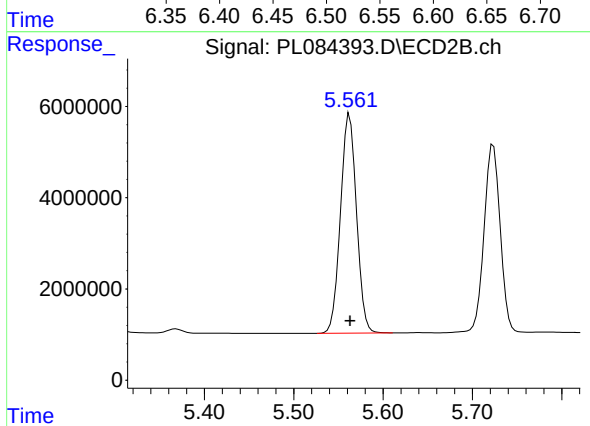
#13 Dieldrin

R.T.: 5.287 min  
Delta R.T.: 0.000 min  
Response: 65385882  
Conc: 46.69 ng/ml



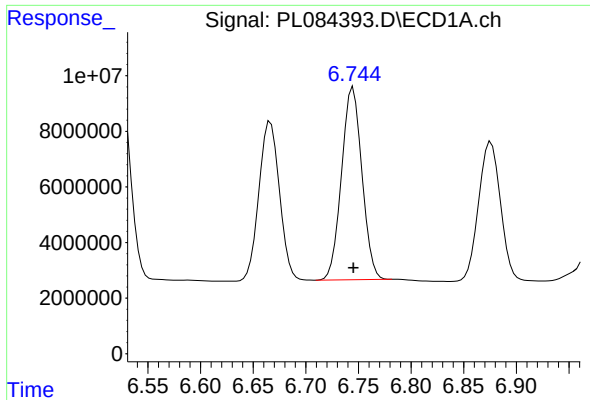
#14 Endrin

R.T.: 6.525 min  
Delta R.T.: 0.000 min  
Response: 103185165  
Conc: 46.94 ng/ml



#14 Endrin

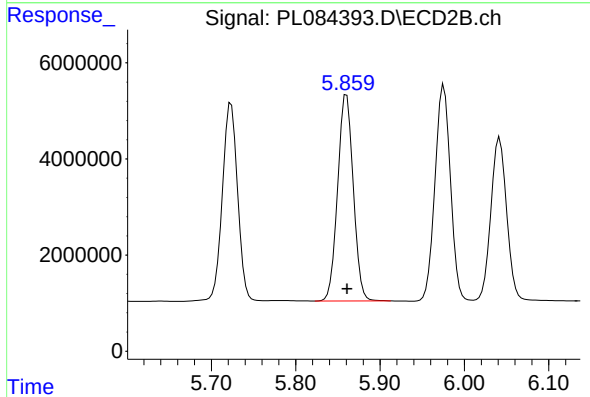
R.T.: 5.563 min  
Delta R.T.: 0.000 min  
Response: 59919933  
Conc: 47.78 ng/ml



#15 Endosulfan II

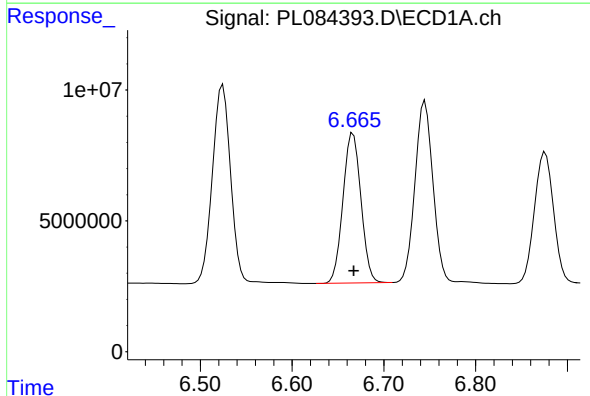
R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 93827535  
Conc: 44.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



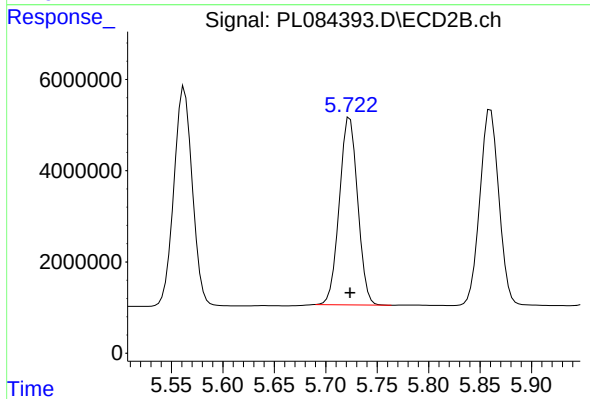
#15 Endosulfan II

R.T.: 5.860 min  
Delta R.T.: 0.000 min  
Response: 55305682  
Conc: 44.74 ng/ml



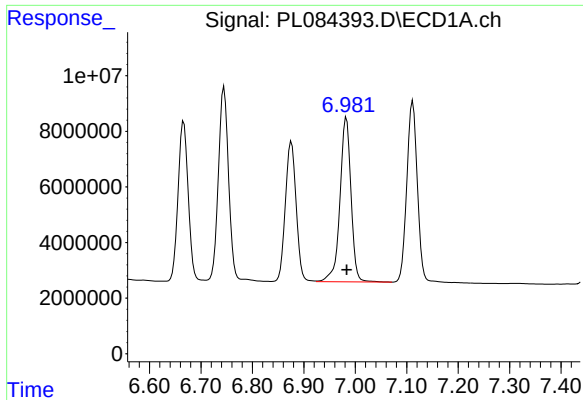
#16 4,4'-DDD

R.T.: 6.666 min  
Delta R.T.: 0.000 min  
Response: 77921327  
Conc: 47.65 ng/ml



#16 4,4'-DDD

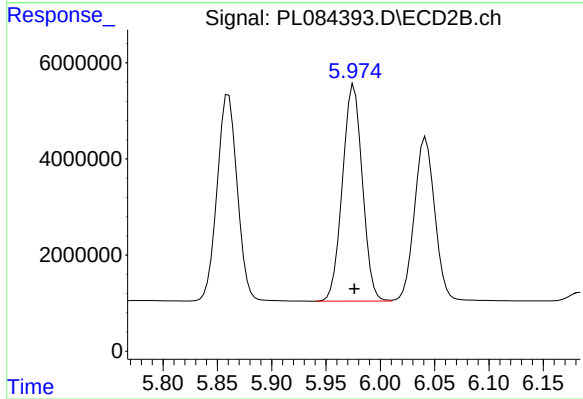
R.T.: 5.723 min  
Delta R.T.: 0.000 min  
Response: 50897381  
Conc: 48.68 ng/ml



#17 4,4'-DDT

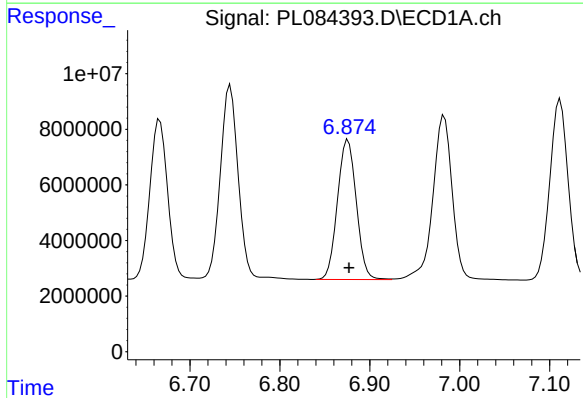
R.T.: 6.983 min  
Delta R.T.: 0.000 min  
Response: 88447538  
Conc: 49.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



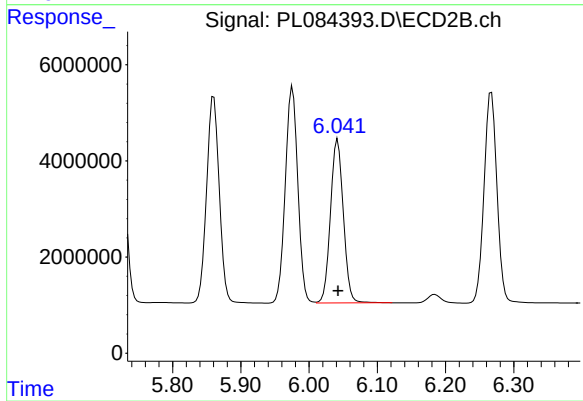
#17 4,4'-DDT

R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 57491186  
Conc: 48.26 ng/ml



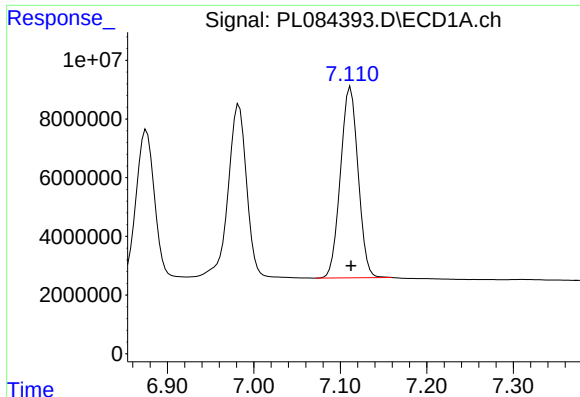
#18 Endrin aldehyde

R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 73321467  
Conc: 44.38 ng/ml



#18 Endrin aldehyde

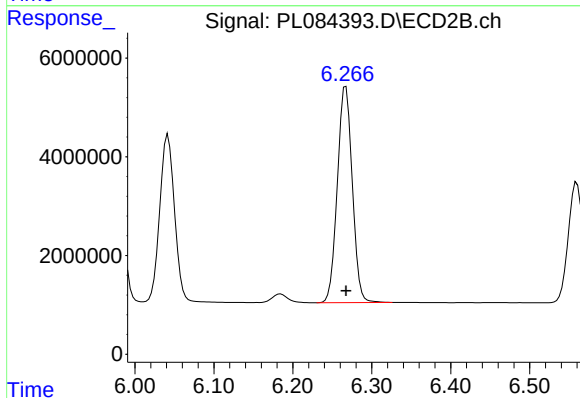
R.T.: 6.042 min  
Delta R.T.: 0.000 min  
Response: 44560760  
Conc: 44.24 ng/ml



#19 Endosulfan Sulfate

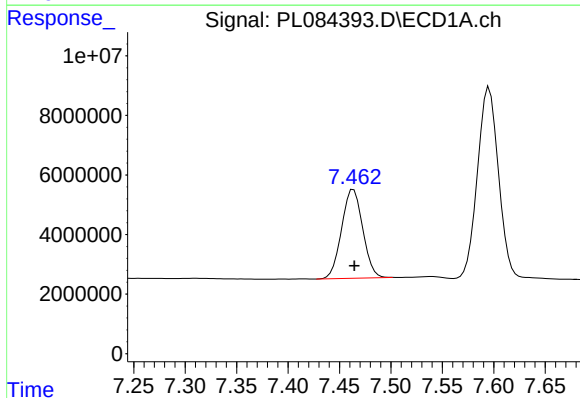
R.T.: 7.112 min  
Delta R.T.: 0.000 min  
Response: 91788139  
Conc: 46.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



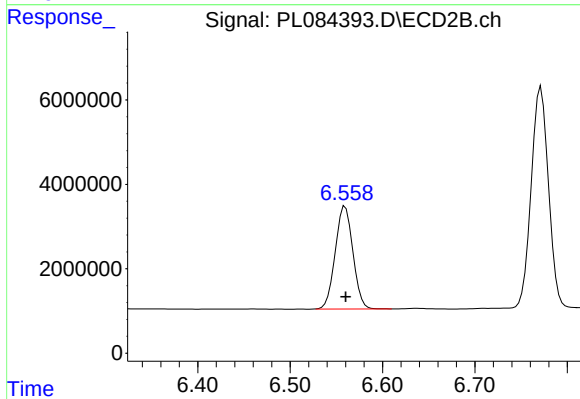
#19 Endosulfan Sulfate

R.T.: 6.267 min  
Delta R.T.: 0.000 min  
Response: 57621249  
Conc: 47.57 ng/ml



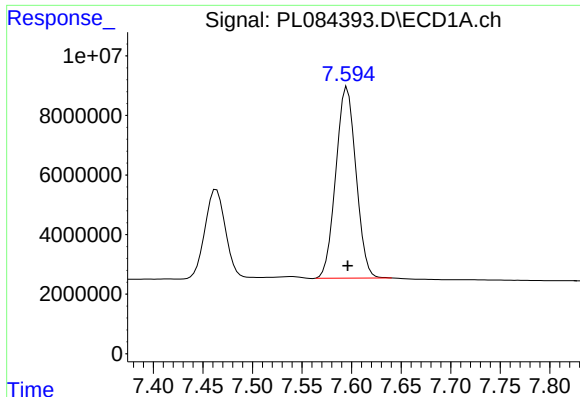
#20 Methoxychlor

R.T.: 7.464 min  
Delta R.T.: 0.000 min  
Response: 42649005  
Conc: 46.18 ng/ml



#20 Methoxychlor

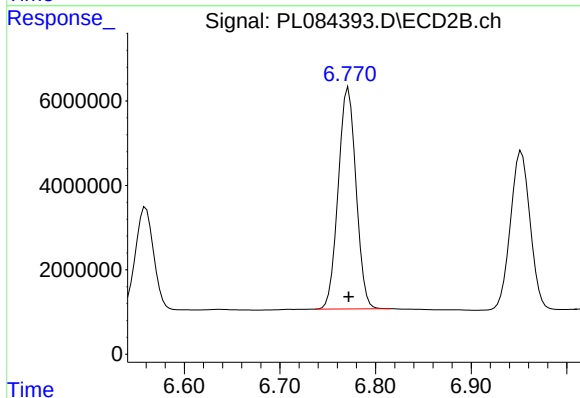
R.T.: 6.560 min  
Delta R.T.: 0.000 min  
Response: 32328646  
Conc: 46.15 ng/ml



#21 Endrin ketone

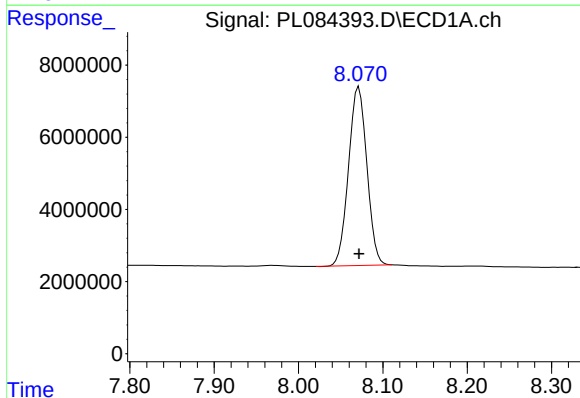
R.T.: 7.596 min  
Delta R.T.: 0.000 min  
Response: 90827393  
Conc: 45.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



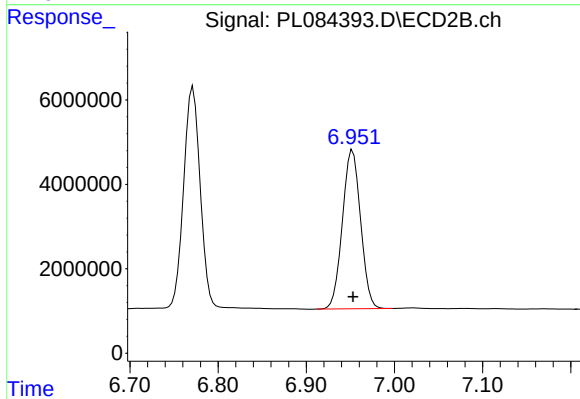
#21 Endrin ketone

R.T.: 6.772 min  
Delta R.T.: 0.000 min  
Response: 67978993  
Conc: 46.33 ng/ml



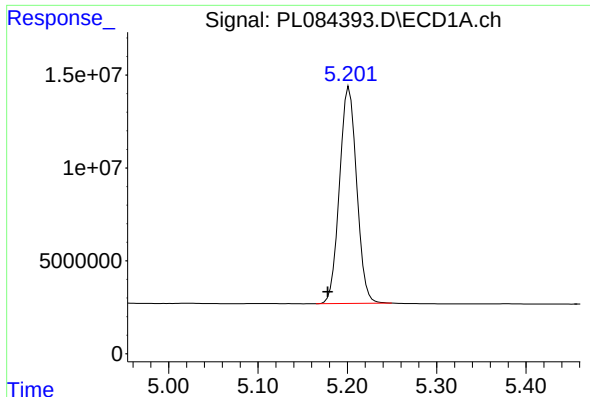
#22 Mirex

R.T.: 8.072 min  
Delta R.T.: 0.000 min  
Response: 74968489  
Conc: 45.72 ng/ml



#22 Mirex

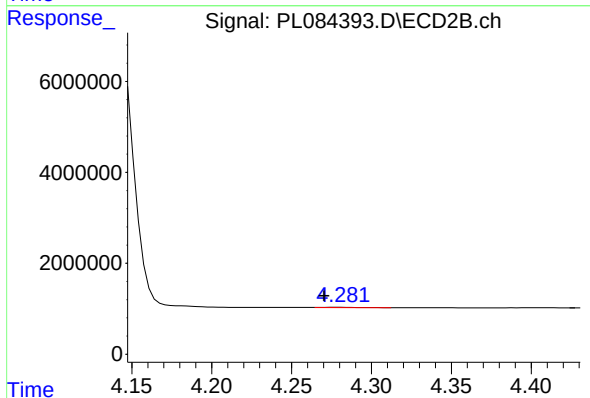
R.T.: 6.953 min  
Delta R.T.: 0.000 min  
Response: 53913609  
Conc: 46.53 ng/ml



#24 Chlordane-2

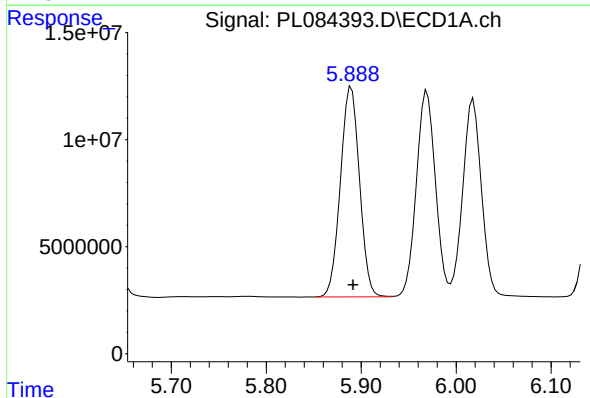
R.T.: 5.202 min  
Delta R.T.: 0.024 min  
Response: 155867372  
Conc: 168.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



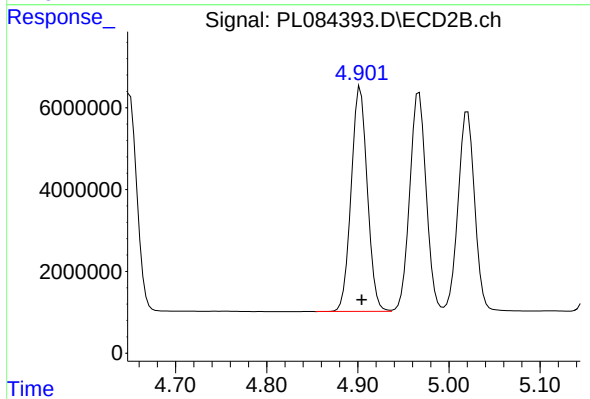
#24 Chlordane-2

R.T.: 4.279 min  
Delta R.T.: 0.009 min  
Response: 75098  
Conc: 0.18 ng/ml



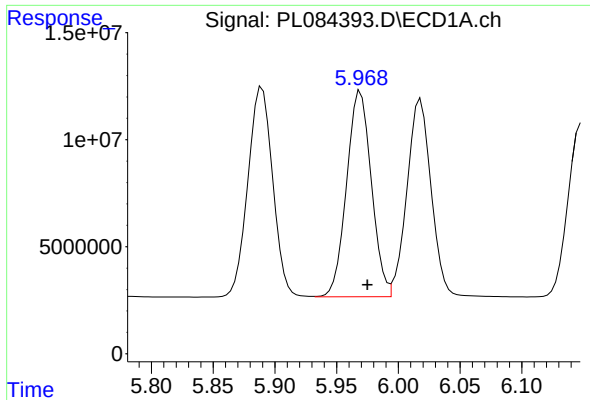
#25 Chlordane-3

R.T.: 5.890 min  
Delta R.T.: -0.002 min  
Response: 137317525  
Conc: 34.61 ng/ml



#25 Chlordane-3

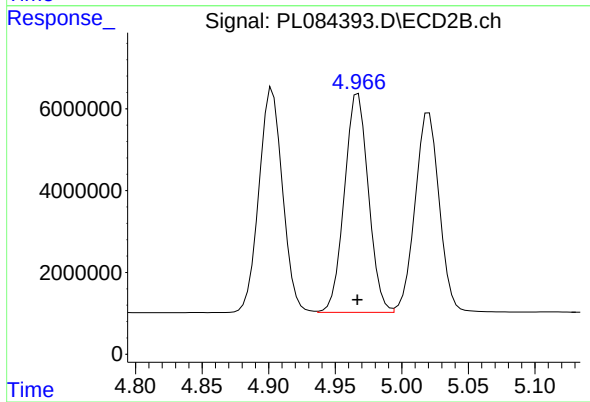
R.T.: 4.903 min  
Delta R.T.: -0.001 min  
Response: 67551221  
Conc: 49.41 ng/ml



#26 Chlordane-4

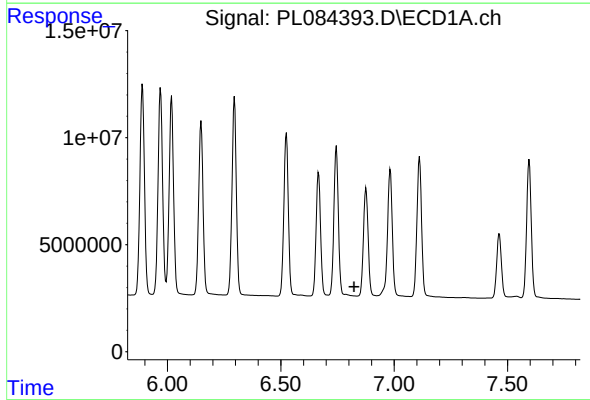
R.T.: 5.969 min  
Delta R.T.: -0.005 min  
Response: 134241651  
Conc: 29.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



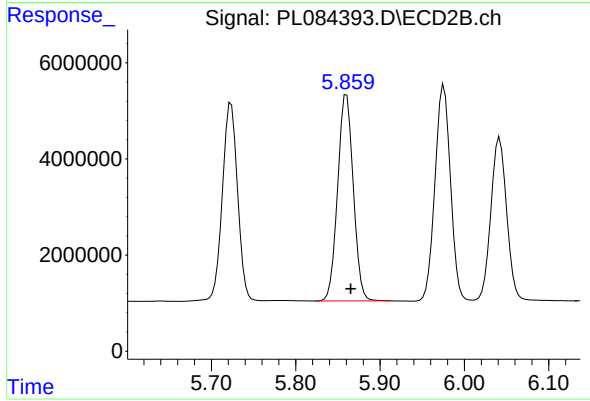
#26 Chlordane-4

R.T.: 4.967 min  
Delta R.T.: 0.000 min  
Response: 67152551  
Conc: 46.91 ng/ml



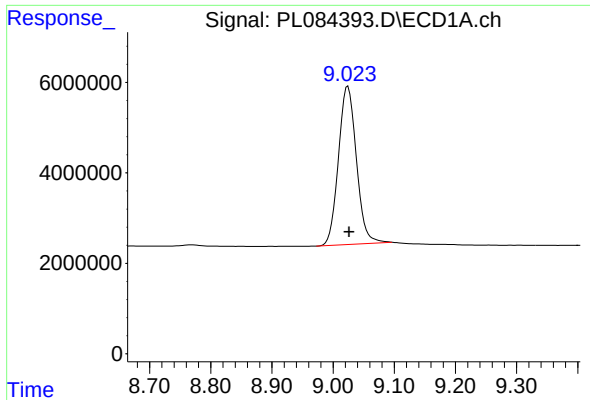
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.824 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

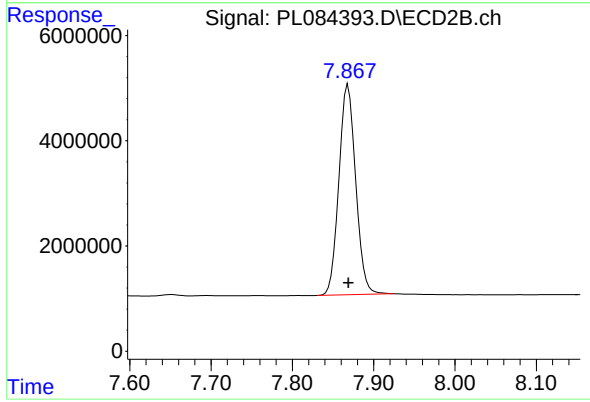
R.T.: 5.860 min  
Delta R.T.: -0.005 min  
Response: 55305682  
Conc: 109.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min  
Delta R.T.: -0.002 min  
Response: 71473519  
Conc: 46.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.869 min  
Delta R.T.: 0.000 min  
Response: 57272871  
Conc: 46.84 ng/ml