

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040623\  
 Data File : PL081868.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Apr 2023 13:29  
 Operator : AR\AJ  
 Sample : 02191-02MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 06 21:27:20 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 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... | 3.328  | 2.655 | 37777945 | 32848061 | 16.242   | 16.456    |
| 28)                         | SA Decachlor... | 8.746  | 7.771 | 26507249 | 31118105 | 14.812   | 15.690    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.778  | 3.154 | 143.1E6  | 117.4E6  | 41.727   | 40.282    |
| 3)                          | MA gamma-BHC... | 4.105  | 3.482 | 59291434 | 127.3E6  | 18.664   | 45.724 #  |
| 4)                          | MA Heptachlor   | 4.685  | 3.814 | 122.4E6  | 119.9E6  | 38.842   | 41.836    |
| 5)                          | MB Aldrin       | 5.021  | 4.092 | 138.1E6  | 111.5E6  | 48.289   | 41.855    |
| 6)                          | B beta-BHC      | 4.308  | 3.781 | 64058870 | 51495483 | 42.562   | 43.238    |
| 7)                          | B delta-BHC     | 4.550  | 4.008 | 137.7E6  | 114.8E6  | 45.296   | 44.404    |
| 8)                          | B Heptachlo...  | 5.448  | 4.593 | 112.2E6  | 109.0E6  | 41.261   | 44.878    |
| 9)                          | A Endosulfan I  | 5.828  | 4.961 | 102.0E6  | 84797828 | 41.290   | 38.410    |
| 10)                         | B gamma-Chl...  | 5.702  | 4.842 | 170.5E6  | 167.7E6  | 64.935   | 68.984    |
| 11)                         | B alpha-Chl...  | 5.781  | 4.905 | 192.9E6  | 161.2E6  | 74.527   | 66.365    |
| 12)                         | B 4,4'-DDE      | 5.959  | 5.095 | 83225948 | 92303046 | 36.930   | 46.859 #  |
| 13)                         | MA Dieldrin     | 6.103  | 5.225 | 120.6E6  | 144.8E6  | 49.806   | 64.357 #  |
| 14)                         | MA Endrin       | 6.329  | 5.499 | 85686546 | 89896036 | 40.509   | 44.421    |
| 15)                         | B Endosulfa...  | 6.551  | 5.796 | 89359358 | 103.5E6  | 42.109   | 57.058 #  |
| 16)                         | A 4,4'-DDD      | 6.473  | 5.650 | 71672522 | 73825648 | 39.741   | 48.648    |
| 17)                         | MA 4,4'-DDT     | 6.784  | 5.899 | 84384940 | 81629180 | 41.576   | 47.369    |
| 18)                         | B Endrin al...  | 6.681  | 5.976 | 76431731 | 82780289 | 46.715   | 53.304    |
| 19)                         | B Endosulfa...  | 6.915  | 6.198 | 81916374 | 84922667 | 39.307   | 43.646    |
| 20)                         | A Methoxychlor  | 7.264  | 6.479 | 40087889 | 44758554 | 37.226   | 44.937    |
| 21)                         | B Endrin ke...  | 7.394  | 6.703 | 98368336 | 92325727 | 46.961   | 43.204    |
| 22)                         | Mirex           | 7.859  | 6.876 | 70818700 | 76500875 | 41.335   | 39.850    |
| 23)                         | Chlordane-1     | 4.461  | 3.642 | -1555376 | 4372979  | N.D.     | 56.774    |
| 24)                         | Chlordane-2     | 5.021f | 4.220 | 138.1E6  | 9644479  | 1327.123 | 103.240 # |
| 25)                         | Chlordane-3     | 5.702  | 4.842 | 170.5E6  | 167.7E6  | 430.358  | 665.651 # |
| 26)                         | Chlordane-4     | 5.781  | 4.905 | 192.9E6  | 161.2E6  | 403.095  | 615.411 # |
| 27)                         | Chlordane-5     | 6.625  | 5.570 | 11508459 | 8379343  | 135.528  | 125.551   |
| -----                       |                 |        |       |          |          |          |           |

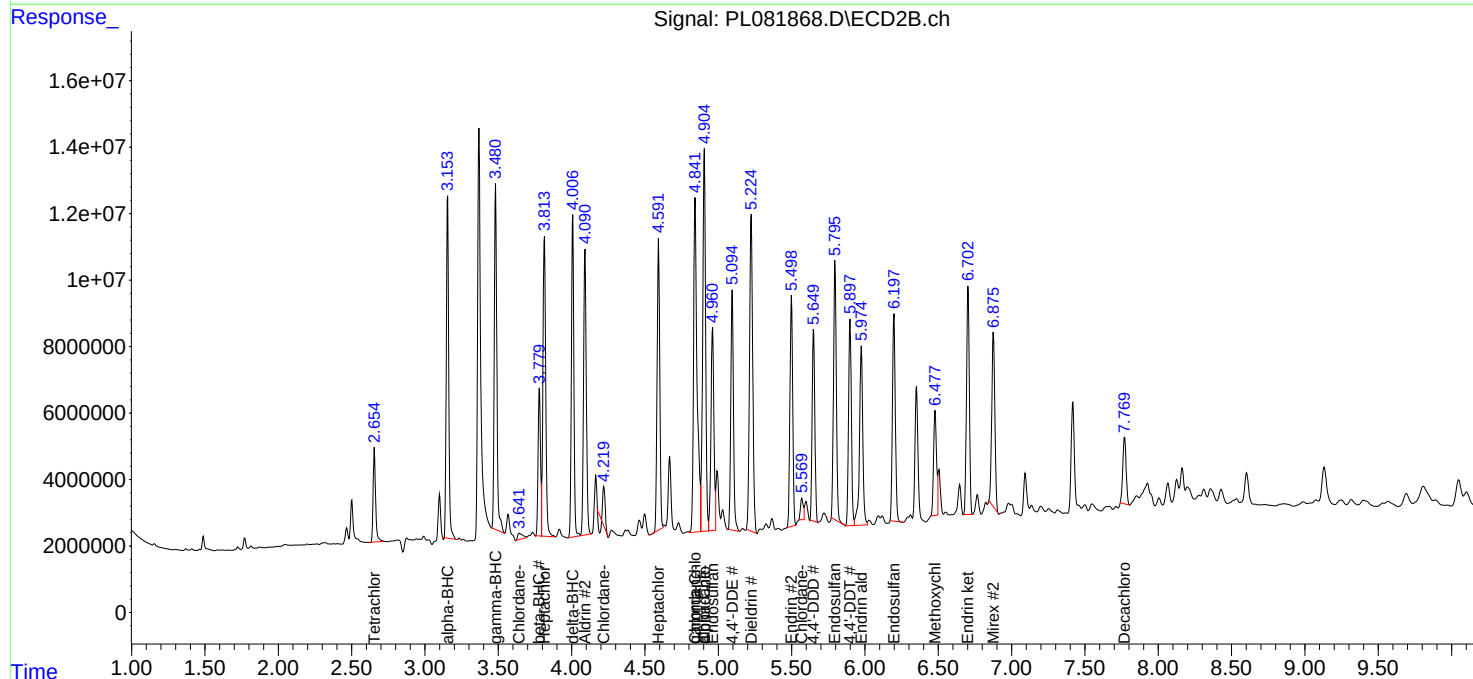
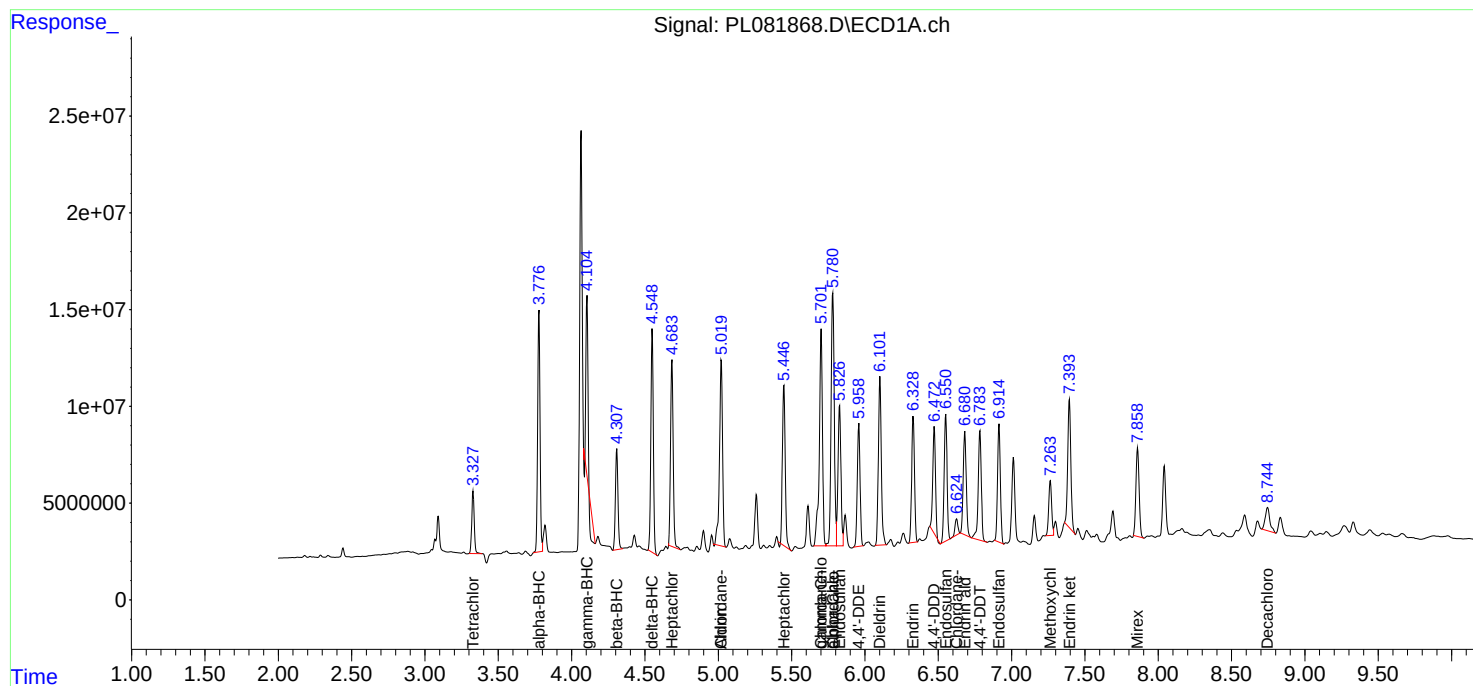
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

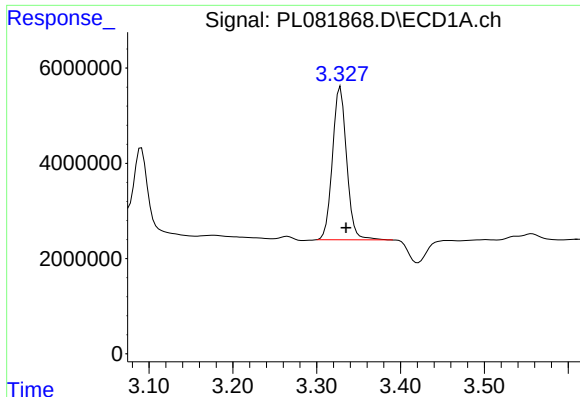
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040623\  
Data File : PL081868.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Apr 2023 13:29  
Operator : AR\AJ  
Sample : 02191-02MS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 06 21:27:20 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 23 01:07:33 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

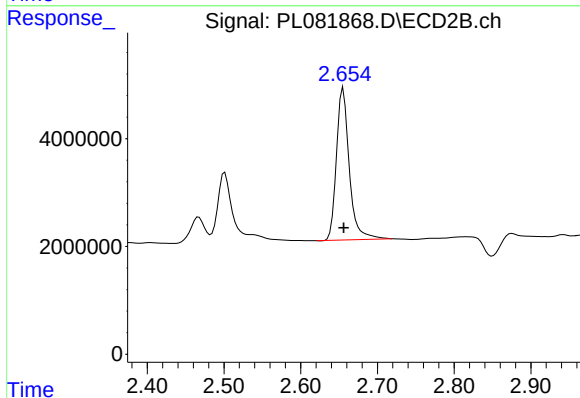




#1 Tetrachloro-m-xylene

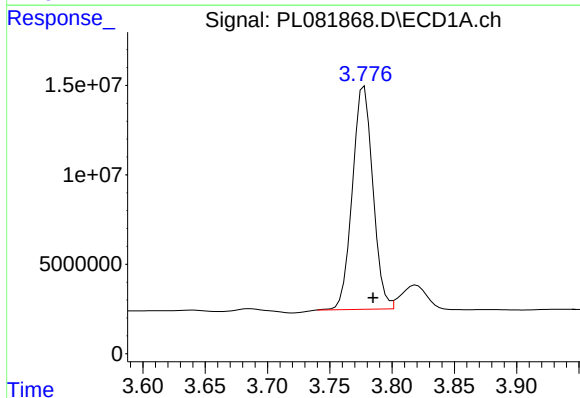
R.T.: 3.328 min  
Delta R.T.: -0.007 min  
Response: 37777945  
Conc: 16.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



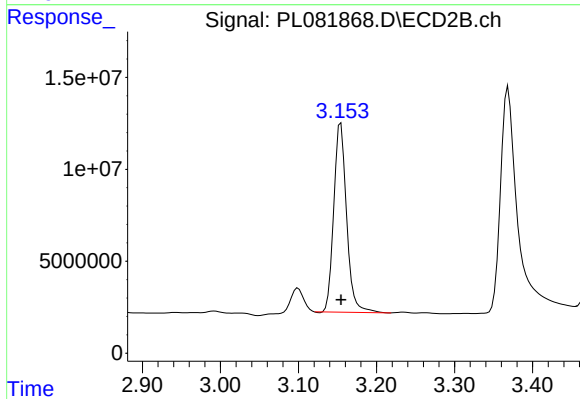
#1 Tetrachloro-m-xylene

R.T.: 2.655 min  
Delta R.T.: 0.000 min  
Response: 32848061  
Conc: 16.46 ng/ml



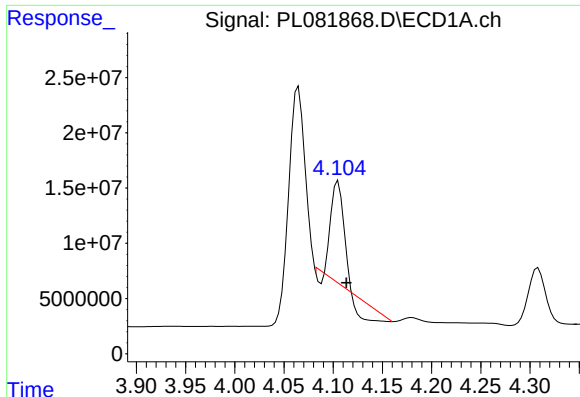
#2 alpha-BHC

R.T.: 3.778 min  
Delta R.T.: -0.007 min  
Response: 143056308  
Conc: 41.73 ng/ml



#2 alpha-BHC

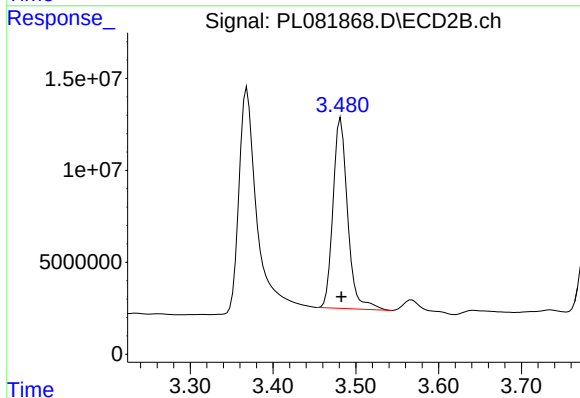
R.T.: 3.154 min  
Delta R.T.: 0.000 min  
Response: 117422396  
Conc: 40.28 ng/ml



#3 gamma-BHC (Lindane)

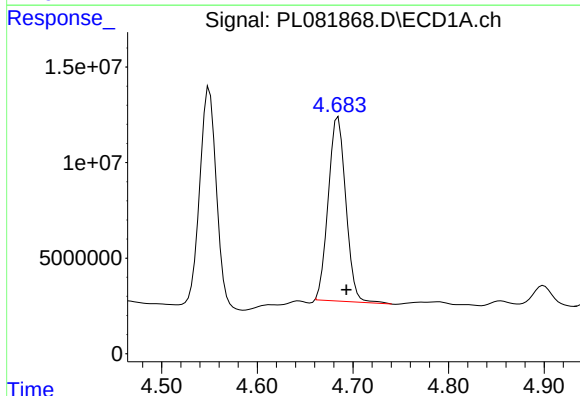
R.T.: 4.105 min  
Delta R.T.: -0.008 min  
Response: 59291434  
Conc: 18.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



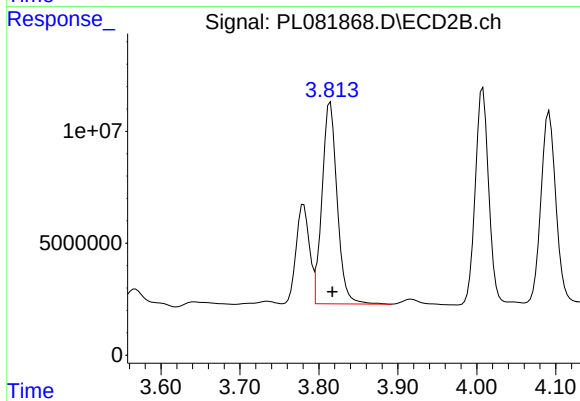
#3 gamma-BHC (Lindane)

R.T.: 3.482 min  
Delta R.T.: 0.000 min  
Response: 127305376  
Conc: 45.72 ng/ml



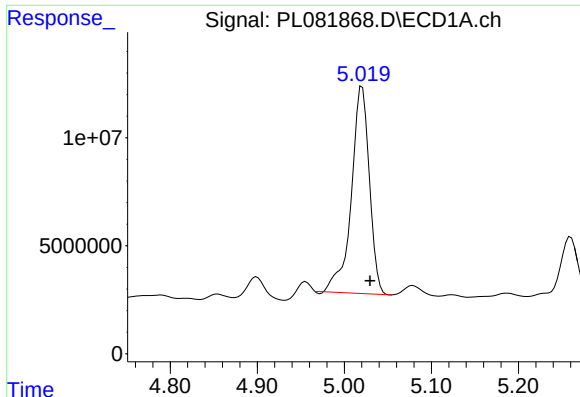
#4 Heptachlor

R.T.: 4.685 min  
Delta R.T.: -0.009 min  
Response: 122437848  
Conc: 38.84 ng/ml



#4 Heptachlor

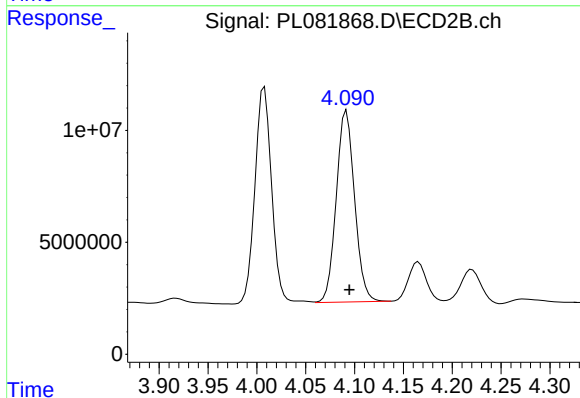
R.T.: 3.814 min  
Delta R.T.: -0.003 min  
Response: 119941835  
Conc: 41.84 ng/ml



#5 Aldrin

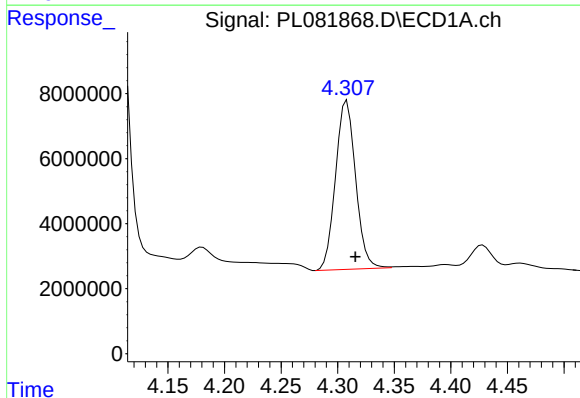
R.T.: 5.021 min  
Delta R.T.: -0.009 min  
Response: 138121676  
Conc: 48.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



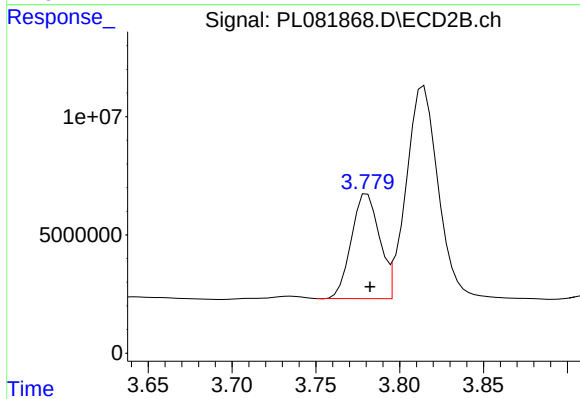
#5 Aldrin

R.T.: 4.092 min  
Delta R.T.: -0.003 min  
Response: 111521715  
Conc: 41.86 ng/ml



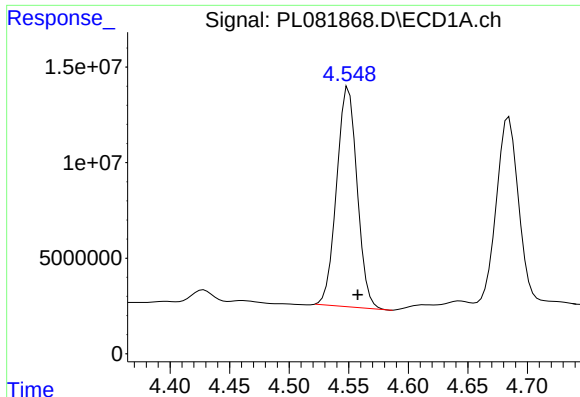
#6 beta-BHC

R.T.: 4.308 min  
Delta R.T.: -0.008 min  
Response: 64058870  
Conc: 42.56 ng/ml



#6 beta-BHC

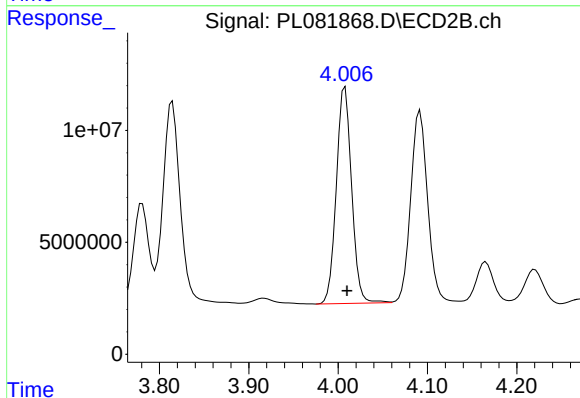
R.T.: 3.781 min  
Delta R.T.: -0.002 min  
Response: 51495483  
Conc: 43.24 ng/ml



#7 delta-BHC

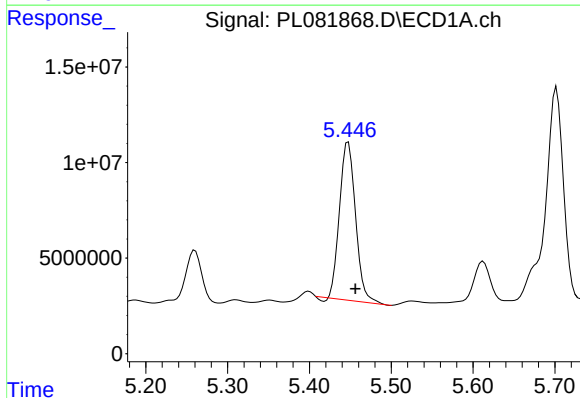
R.T.: 4.550 min  
Delta R.T.: -0.008 min  
Response: 137664158  
Conc: 45.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



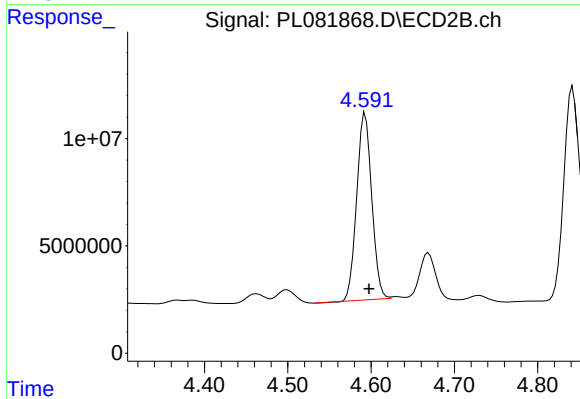
#7 delta-BHC

R.T.: 4.008 min  
Delta R.T.: -0.002 min  
Response: 114832797  
Conc: 44.40 ng/ml



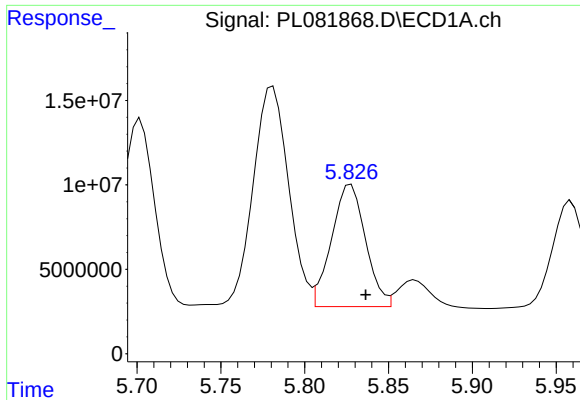
#8 Heptachlor epoxide

R.T.: 5.448 min  
Delta R.T.: -0.009 min  
Response: 112231227  
Conc: 41.26 ng/ml



#8 Heptachlor epoxide

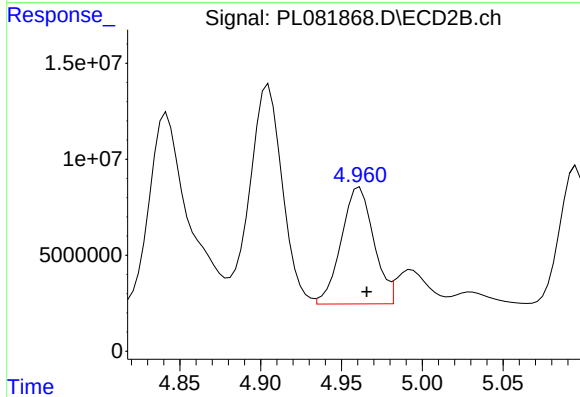
R.T.: 4.593 min  
Delta R.T.: -0.005 min  
Response: 108998233  
Conc: 44.88 ng/ml



#9 Endosulfan I

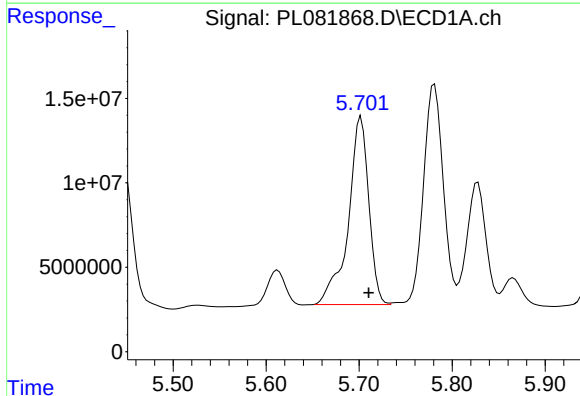
R.T.: 5.828 min  
Delta R.T.: -0.009 min  
Response: 102020819  
Conc: 41.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



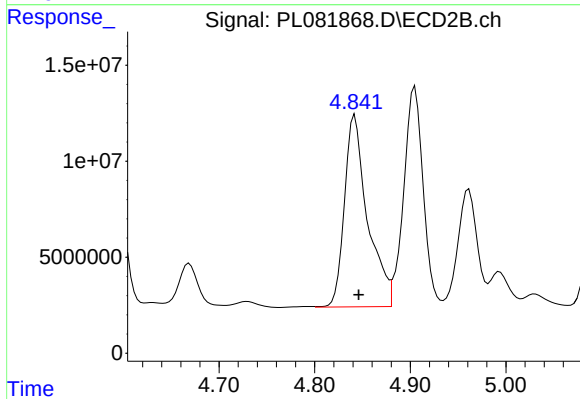
#9 Endosulfan I

R.T.: 4.961 min  
Delta R.T.: -0.004 min  
Response: 84797828  
Conc: 38.41 ng/ml



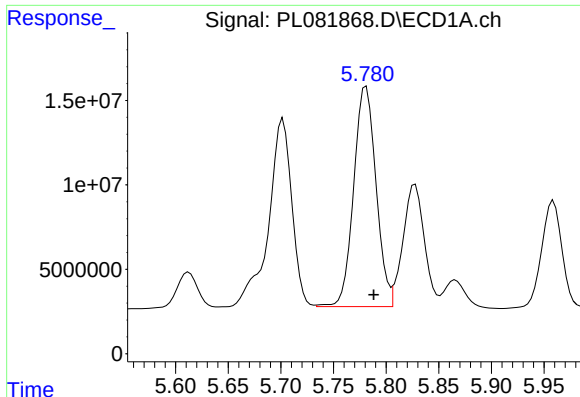
#10 gamma-Chlordane

R.T.: 5.702 min  
Delta R.T.: -0.008 min  
Response: 170470226  
Conc: 64.94 ng/ml



#10 gamma-Chlordane

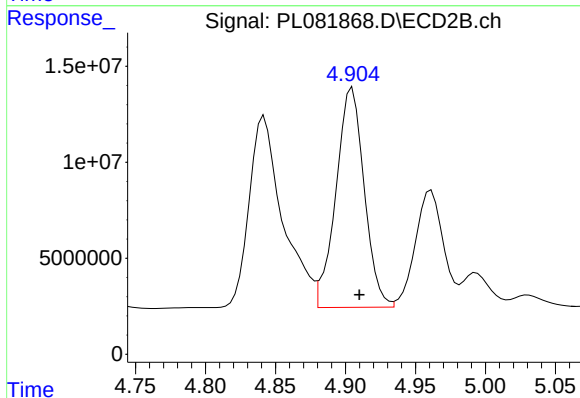
R.T.: 4.842 min  
Delta R.T.: -0.004 min  
Response: 167658132  
Conc: 68.98 ng/ml



#11 alpha-Chlordane

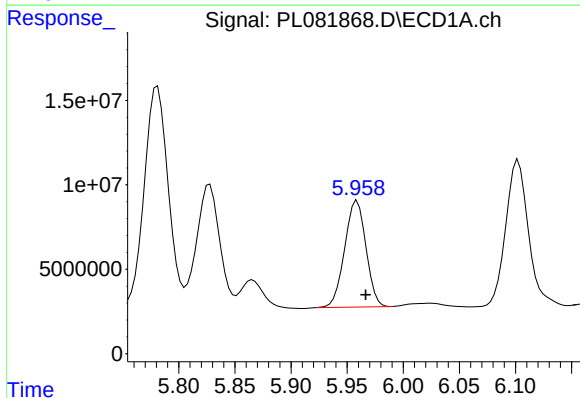
R.T.: 5.781 min  
Delta R.T.: -0.007 min  
Response: 192905174  
Conc: 74.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



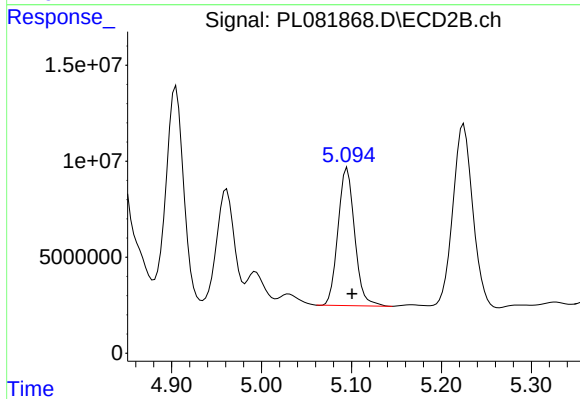
#11 alpha-Chlordane

R.T.: 4.905 min  
Delta R.T.: -0.005 min  
Response: 161196124  
Conc: 66.36 ng/ml



#12 4,4'-DDE

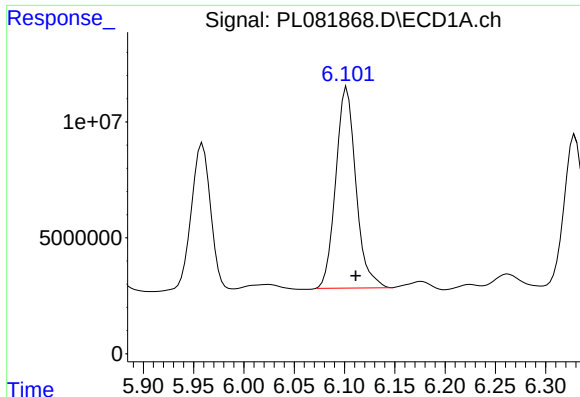
R.T.: 5.959 min  
Delta R.T.: -0.008 min  
Response: 83225948  
Conc: 36.93 ng/ml



#12 4,4'-DDE

R.T.: 5.095 min  
Delta R.T.: -0.005 min  
Response: 92303046  
Conc: 46.86 ng/ml

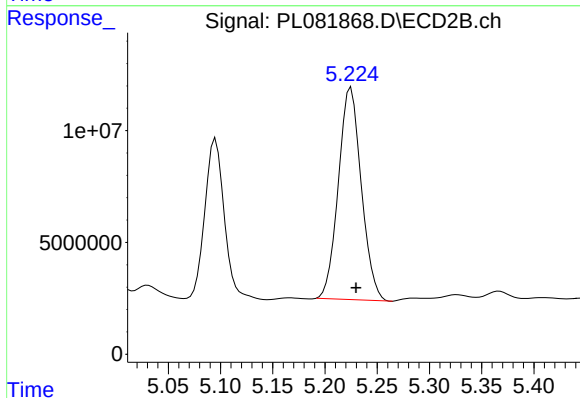




#13 Dieldrin

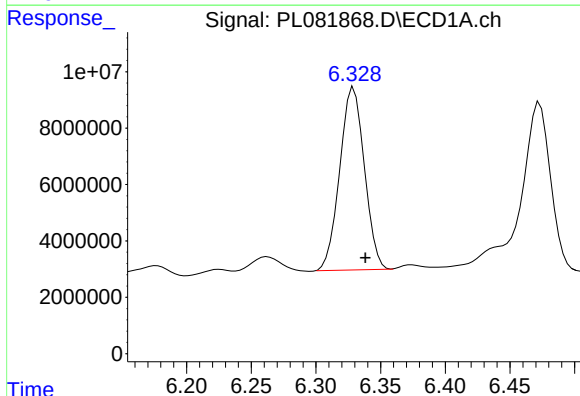
R.T.: 6.103 min  
Delta R.T.: -0.009 min  
Response: 120578124  
Conc: 49.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



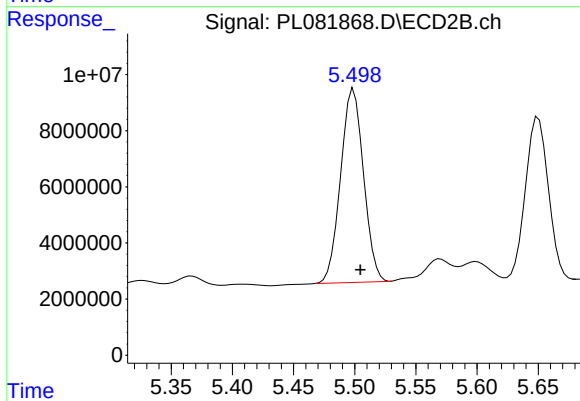
#13 Dieldrin

R.T.: 5.225 min  
Delta R.T.: -0.005 min  
Response: 144767292  
Conc: 64.36 ng/ml



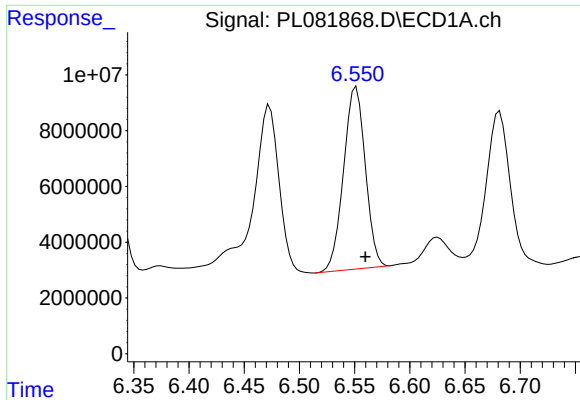
#14 Endrin

R.T.: 6.329 min  
Delta R.T.: -0.009 min  
Response: 85686546  
Conc: 40.51 ng/ml



#14 Endrin

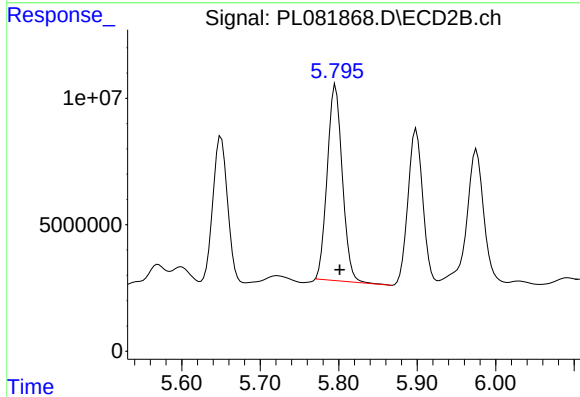
R.T.: 5.499 min  
Delta R.T.: -0.005 min  
Response: 89896036  
Conc: 44.42 ng/ml



#15 Endosulfan II

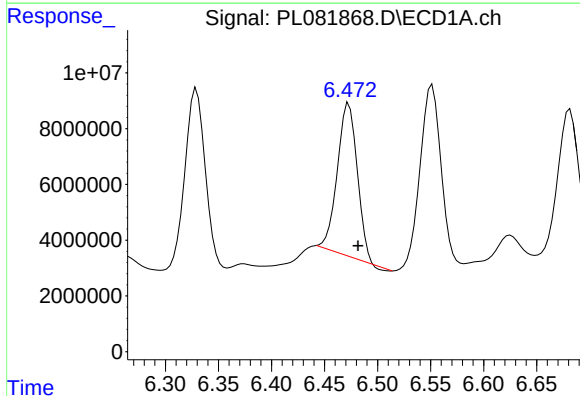
R.T.: 6.551 min  
Delta R.T.: -0.008 min  
Response: 89359358  
Conc: 42.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



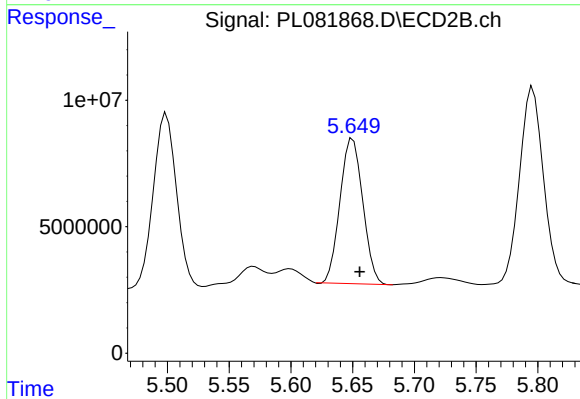
#15 Endosulfan II

R.T.: 5.796 min  
Delta R.T.: -0.005 min  
Response: 103506364  
Conc: 57.06 ng/ml



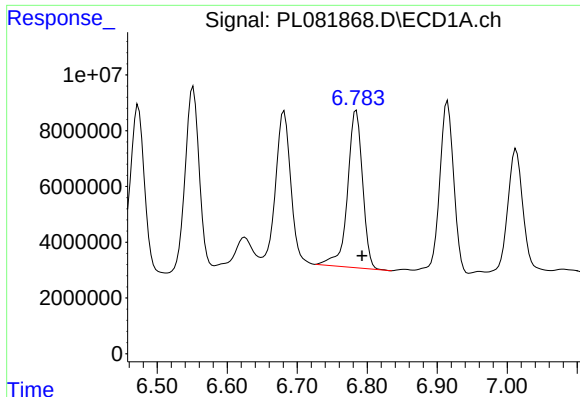
#16 4,4'-DDD

R.T.: 6.473 min  
Delta R.T.: -0.009 min  
Response: 71672522  
Conc: 39.74 ng/ml



#16 4,4'-DDD

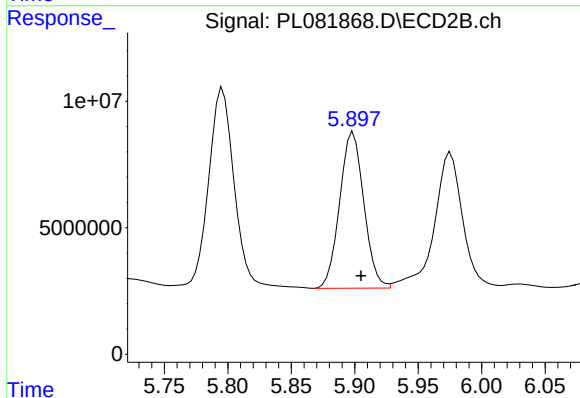
R.T.: 5.650 min  
Delta R.T.: -0.006 min  
Response: 73825648  
Conc: 48.65 ng/ml



#17 4,4'-DDT

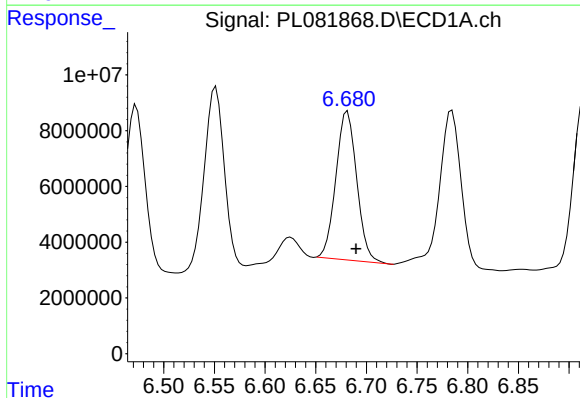
R.T.: 6.784 min  
Delta R.T.: -0.009 min  
Response: 84384940  
Conc: 41.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



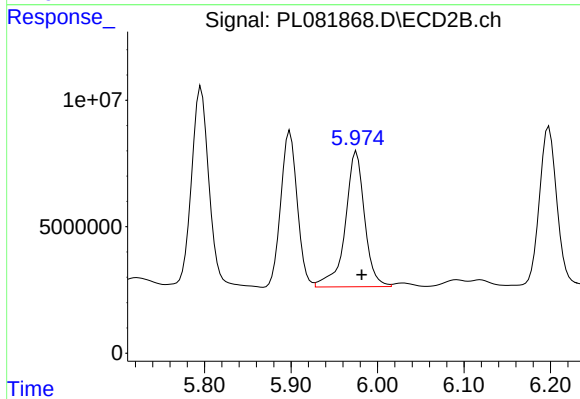
#17 4,4'-DDT

R.T.: 5.899 min  
Delta R.T.: -0.006 min  
Response: 81629180  
Conc: 47.37 ng/ml



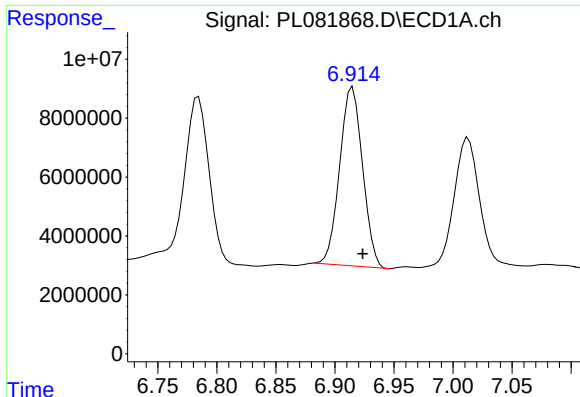
#18 Endrin aldehyde

R.T.: 6.681 min  
Delta R.T.: -0.009 min  
Response: 76431731  
Conc: 46.72 ng/ml



#18 Endrin aldehyde

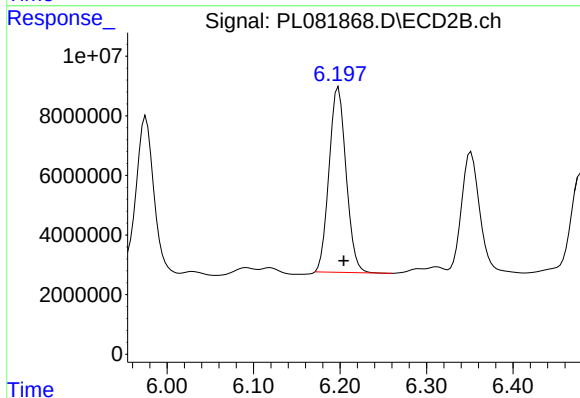
R.T.: 5.976 min  
Delta R.T.: -0.006 min  
Response: 82780289  
Conc: 53.30 ng/ml



#19 Endosulfan Sulfate

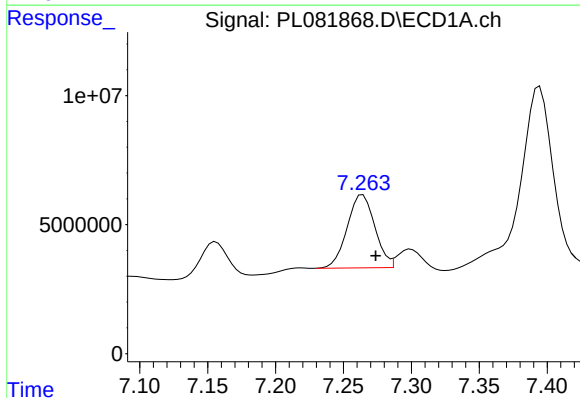
R.T.: 6.915 min  
Delta R.T.: -0.009 min  
Response: 81916374  
Conc: 39.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



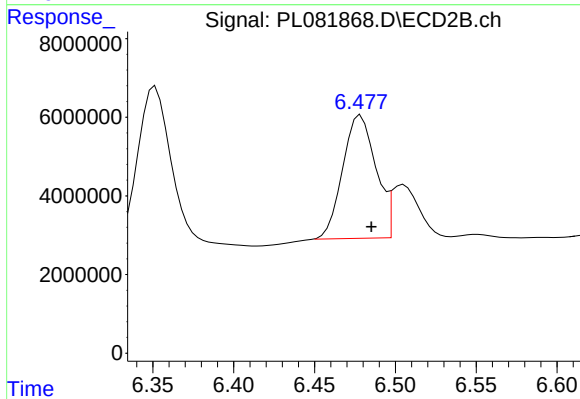
#19 Endosulfan Sulfate

R.T.: 6.198 min  
Delta R.T.: -0.006 min  
Response: 84922667  
Conc: 43.65 ng/ml



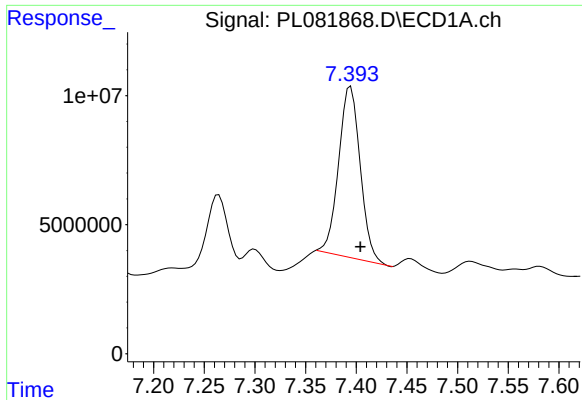
#20 Methoxychlor

R.T.: 7.264 min  
Delta R.T.: -0.010 min  
Response: 40087889  
Conc: 37.23 ng/ml



#20 Methoxychlor

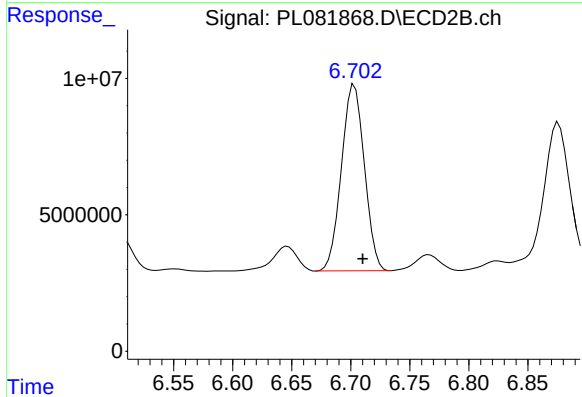
R.T.: 6.479 min  
Delta R.T.: -0.007 min  
Response: 44758554  
Conc: 44.94 ng/ml



#21 Endrin ketone

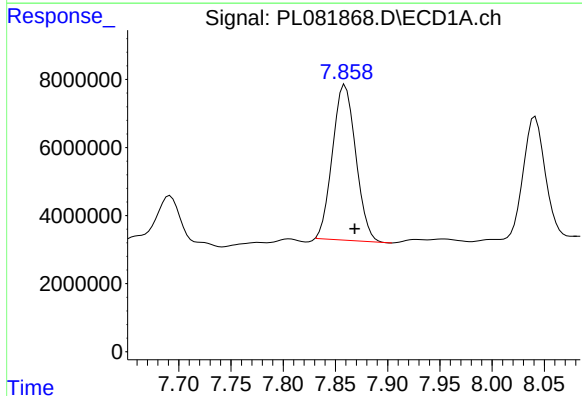
R.T.: 7.394 min  
Delta R.T.: -0.009 min  
Response: 98368336  
Conc: 46.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



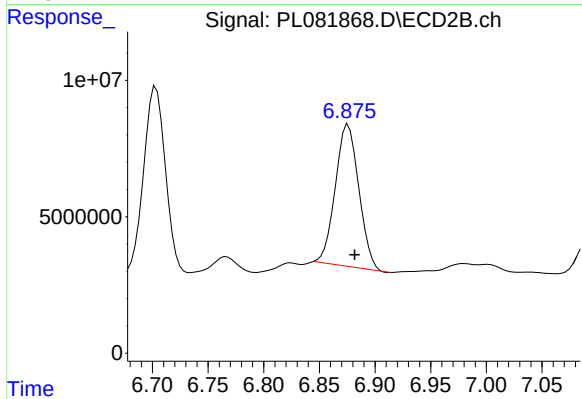
#21 Endrin ketone

R.T.: 6.703 min  
Delta R.T.: -0.007 min  
Response: 92325727  
Conc: 43.20 ng/ml



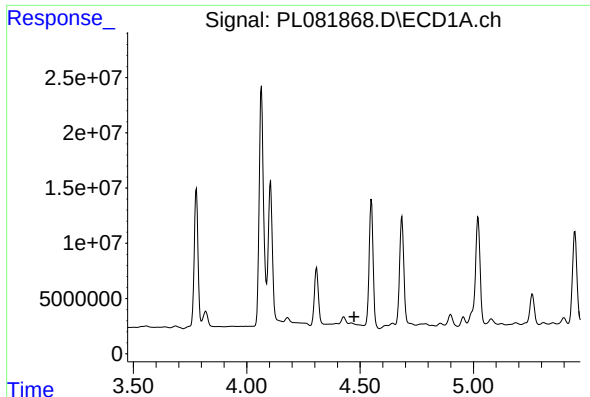
#22 Mirex

R.T.: 7.859 min  
Delta R.T.: -0.009 min  
Response: 70818700  
Conc: 41.34 ng/ml



#22 Mirex

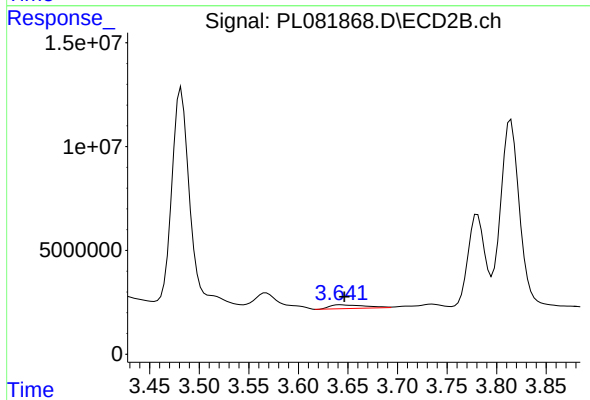
R.T.: 6.876 min  
Delta R.T.: -0.006 min  
Response: 76500875  
Conc: 39.85 ng/ml



#23 Chlordane-1

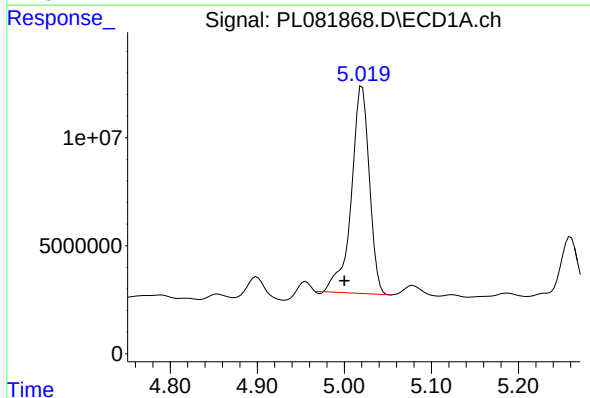
R.T.: 4.461 min  
Delta R.T.: -0.012 min  
Response: -1555376  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



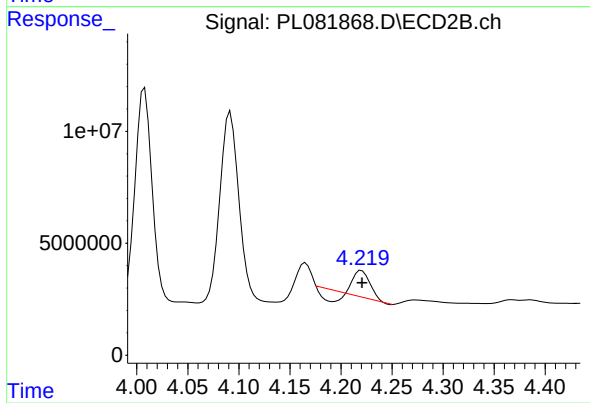
#23 Chlordane-1

R.T.: 3.642 min  
Delta R.T.: -0.004 min  
Response: 4372979  
Conc: 56.77 ng/ml



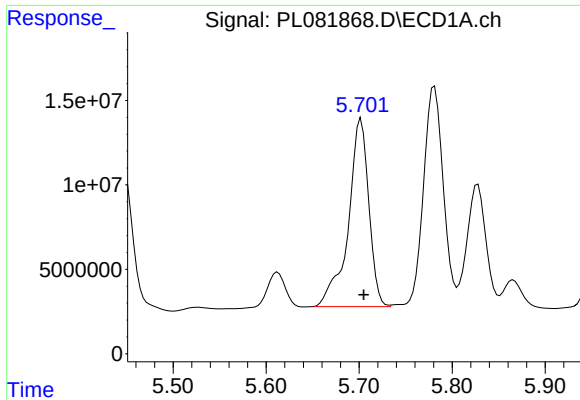
#24 Chlordane-2

R.T.: 5.021 min  
Delta R.T.: 0.021 min  
Response: 138121676  
Conc: 1327.12 ng/ml



#24 Chlordane-2

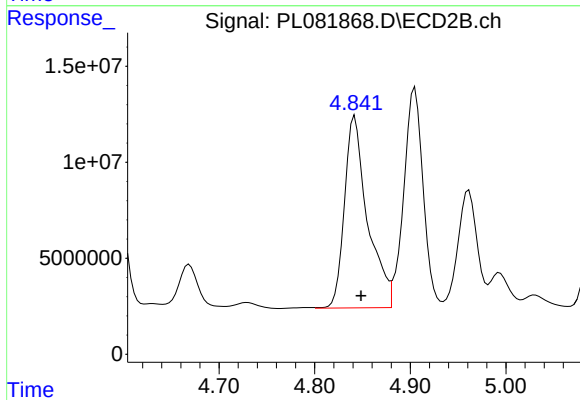
R.T.: 4.220 min  
Delta R.T.: 0.000 min  
Response: 9644479  
Conc: 103.24 ng/ml



#25 Chlordane-3

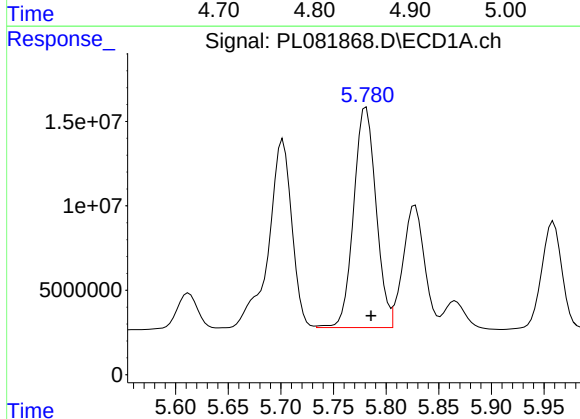
R.T.: 5.702 min  
Delta R.T.: -0.003 min  
Response: 170470226  
Conc: 430.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



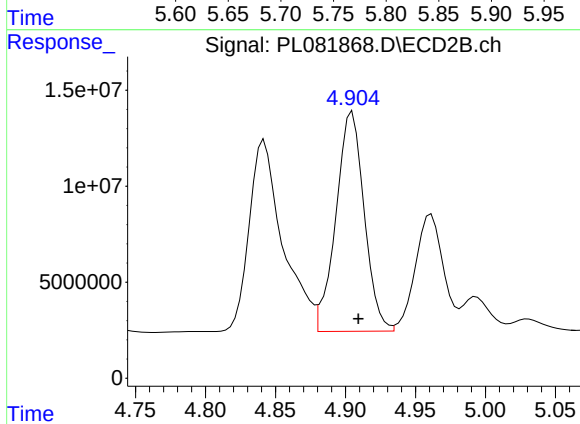
#25 Chlordane-3

R.T.: 4.842 min  
Delta R.T.: -0.007 min  
Response: 167658132  
Conc: 665.65 ng/ml



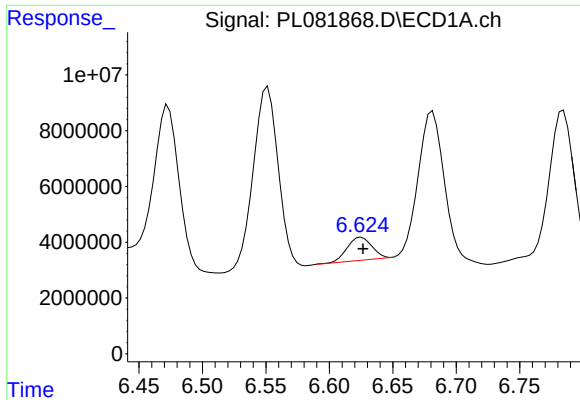
#26 Chlordane-4

R.T.: 5.781 min  
Delta R.T.: -0.004 min  
Response: 192905174  
Conc: 403.10 ng/ml



#26 Chlordane-4

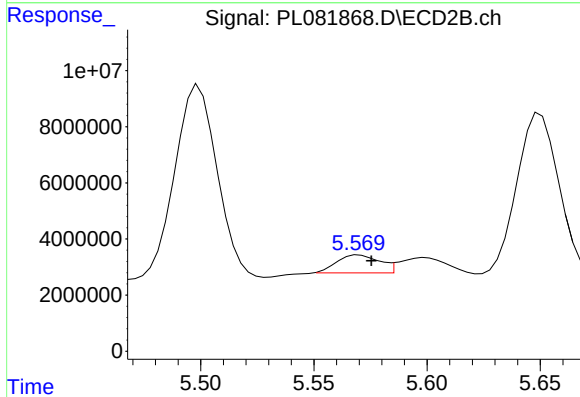
R.T.: 4.905 min  
Delta R.T.: -0.004 min  
Response: 161196124  
Conc: 615.41 ng/ml



#27 Chlordane-5

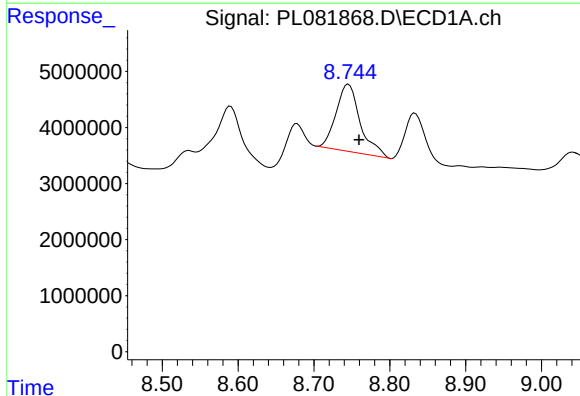
R.T.: 6.625 min  
Delta R.T.: -0.001 min  
Response: 11508459  
Conc: 135.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



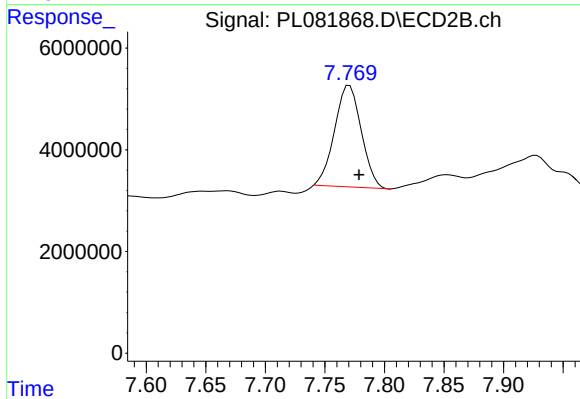
#27 Chlordane-5

R.T.: 5.570 min  
Delta R.T.: -0.005 min  
Response: 8379343  
Conc: 125.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.746 min  
Delta R.T.: -0.014 min  
Response: 26507249  
Conc: 14.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.771 min  
Delta R.T.: -0.008 min  
Response: 31118105  
Conc: 15.69 ng/ml