

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081424\  
 Data File : PL091083.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Aug 2024 23:45  
 Operator : AR\AJ  
 Sample : P3600-04MSD  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 VCPS-B3-081324-0-10MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 15 03:57:55 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 13:09:19 2024  
 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... | 3.543  | 2.784 | 28762435 | 24140760 | 13.395   | 12.367    |
| 28)                         | SA Decachlor... | 9.054  | 7.925 | 17015653 | 20573025 | 11.161   | 10.862    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.999  | 3.288 | 153.9E6  | 150.3E6  | 51.335   | 54.203    |
| 3)                          | MA gamma-BHC... | 4.331  | 3.618 | 146.7E6  | 142.2E6  | 51.125   | 53.989    |
| 4)                          | MA Heptachlor   | 4.920  | 3.958 | 136.7E6  | 135.0E6  | 51.326   | 52.271    |
| 5)                          | MB Aldrin       | 5.261  | 4.237 | 131.3E6  | 122.3E6  | 50.859   | 49.740    |
| 6)                          | B beta-BHC      | 4.527  | 3.916 | 69000395 | 66688147 | 51.022   | 56.656    |
| 7)                          | B delta-BHC     | 4.774  | 4.146 | 138.8E6  | 134.6E6  | 50.981   | 53.117    |
| 8)                          | B Heptachlo...  | 5.687  | 4.740 | 122.4E6  | 116.6E6  | 50.041   | 51.706    |
| 9)                          | A Endosulfan I  | 6.072  | 5.110 | 119.2E6  | 114.4E6  | 53.067   | 54.213    |
| 10)                         | B gamma-Chl...  | 5.942  | 4.991 | 122.3E6  | 123.4E6  | 50.618   | 52.192    |
| 11)                         | B alpha-Chl...  | 6.022  | 5.054 | 121.3E6  | 124.4E6  | 50.380   | 52.881    |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.244 | 103.2E6  | 109.8E6  | 49.340   | 52.558    |
| 13)                         | MA Dieldrin     | 6.347  | 5.375 | 115.3E6  | 117.0E6  | 48.949   | 51.358    |
| 14)                         | MA Endrin       | 6.576  | 5.650 | 95154191 | 105.7E6  | 49.068   | 51.866    |
| 15)                         | B Endosulfa...  | 6.795  | 5.944 | 93297377 | 100.1E6  | 46.103   | 51.747    |
| 16)                         | A 4,4'-DDD      | 6.711  | 5.798 | 91403682 | 83069784 | 60.477   | 50.321    |
| 17)                         | MA 4,4'-DDT     | 7.025  | 6.048 | 86154362 | 87824452 | 48.536   | 49.439    |
| 18)                         | B Endrin al...  | 6.925  | 6.123 | 78318150 | 78625579 | 49.059   | 50.476    |
| 19)                         | B Endosulfa...  | 7.160  | 6.346 | 95508227 | 96943652 | 49.779   | 50.282    |
| 20)                         | A Methoxychlor  | 7.500  | 6.623 | 48068950 | 48564655 | 51.123   | 48.908    |
| 21)                         | B Endrin ke...  | 7.644  | 6.852 | 105.8E6  | 107.3E6  | 50.377   | 49.274    |
| 22)                         | Mirex           | 8.118  | 7.032 | 82916398 | 90127352 | 48.741   | 48.289    |
| 23)                         | Chlordane-1     | 0.000  | 3.799 | 0        | 533798   | N.D.     | 7.322 #   |
| 24)                         | Chlordane-2     | 5.261f | 4.374 | 131.3E6  | 761072   | 1292.721 | 8.100 #   |
| 25)                         | Chlordane-3     | 5.942  | 4.991 | 122.3E6  | 123.4E6  | 352.163  | 508.082 # |
| 26)                         | Chlordane-4     | 6.022  | 5.054 | 121.3E6  | 124.4E6  | 288.390  | 533.544 # |
| 27)                         | Chlordane-5     | 0.000  | 5.729 | 0        | 1057884  | N.D.     | 15.279 #  |
| -----                       |                 |        |       |          |          |          |           |

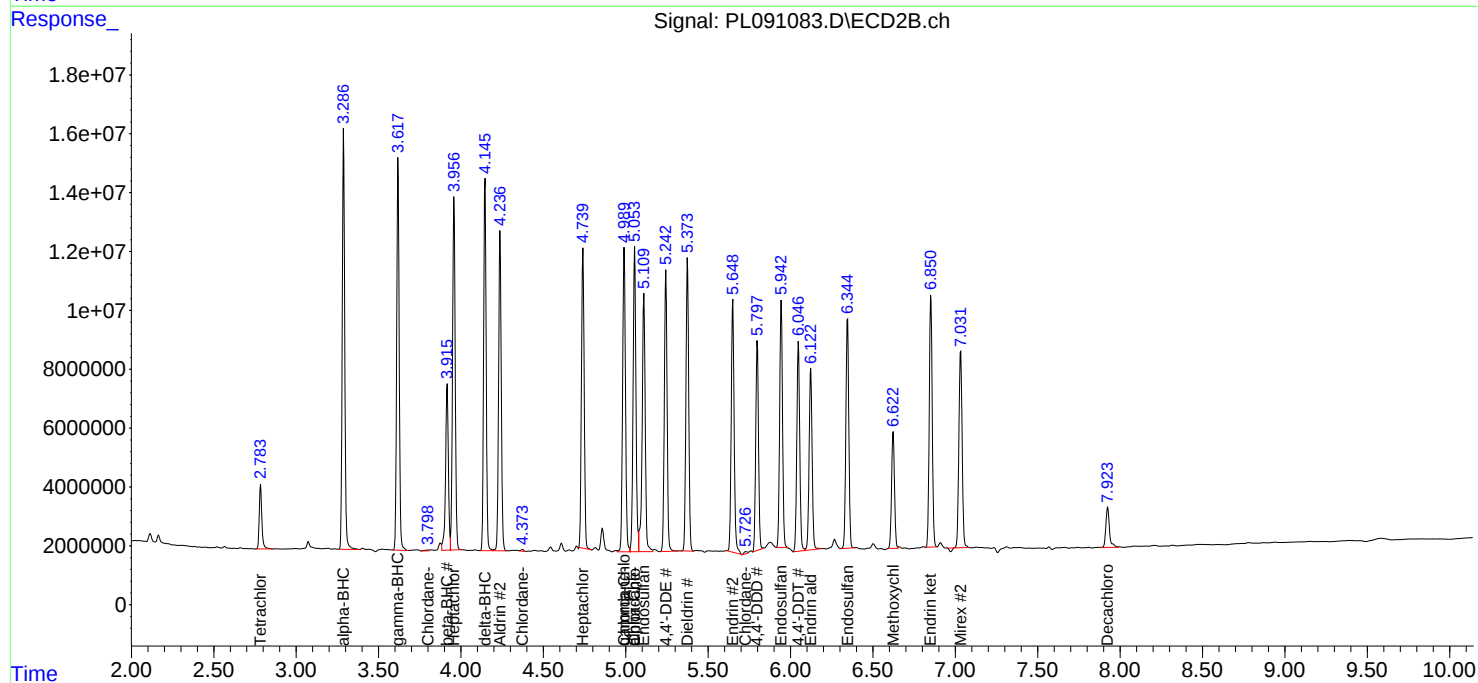
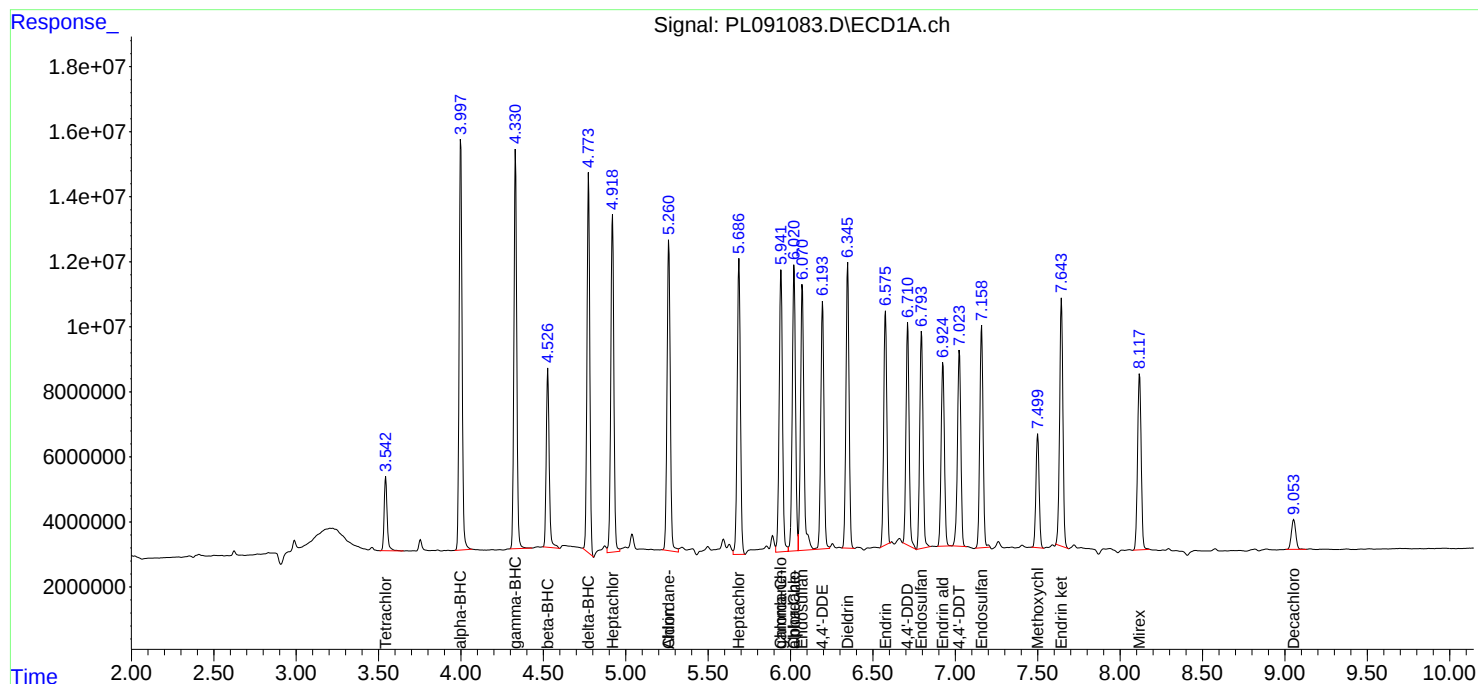
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

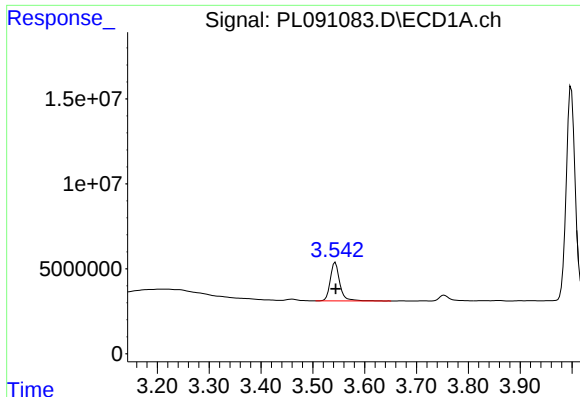
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081424\  
Data File : PL091083.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Aug 2024 23:45  
Operator : AR\AJ  
Sample : P3600-04MSD  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
VCPS-B3-081324-0-10MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 15 03:57:55 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 14 13:09:19 2024  
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

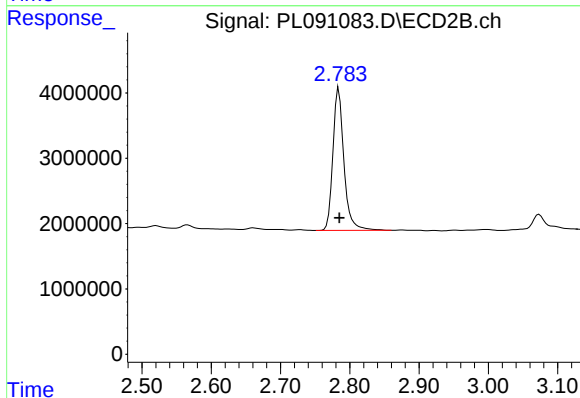




#1 Tetrachloro-m-xylene

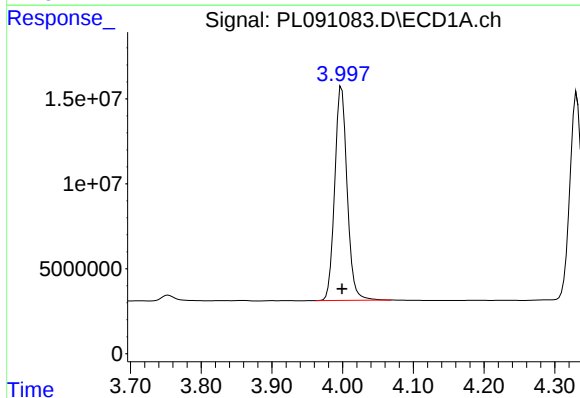
R.T.: 3.543 min  
Delta R.T.: 0.000 min  
Response: 28762435  
Conc: 13.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VCPS-B3-081324-0-10MSD



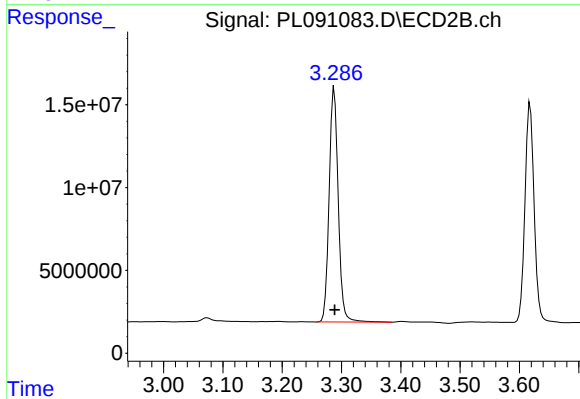
#1 Tetrachloro-m-xylene

R.T.: 2.784 min  
Delta R.T.: 0.000 min  
Response: 24140760  
Conc: 12.37 ng/ml



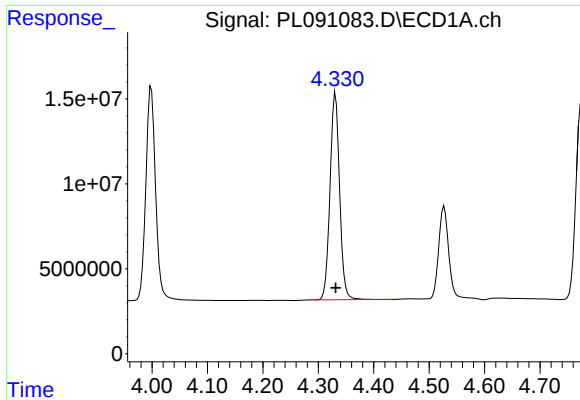
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 153892182  
Conc: 51.33 ng/ml



#2 alpha-BHC

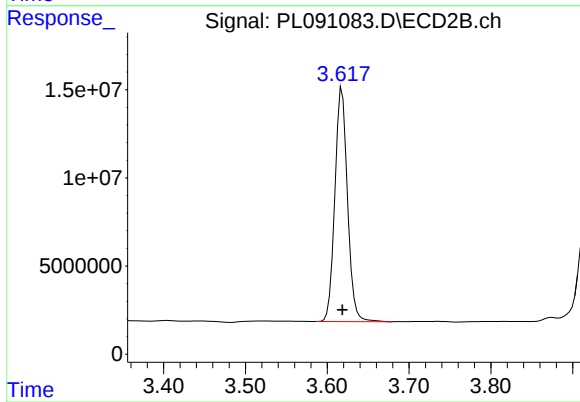
R.T.: 3.288 min  
Delta R.T.: 0.000 min  
Response: 150330132  
Conc: 54.20 ng/ml



#3 gamma-BHC (Lindane)

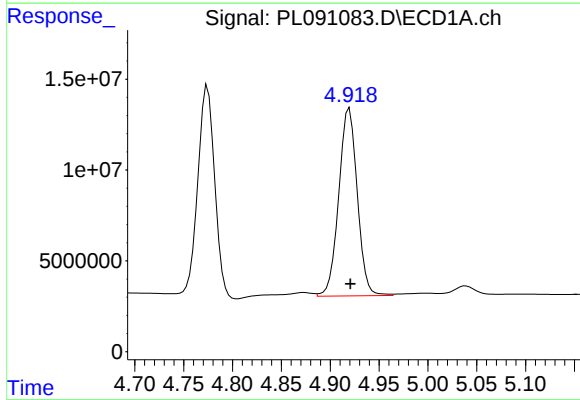
R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 146660144  
Conc: 51.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VCPS-B3-081324-0-10MSD



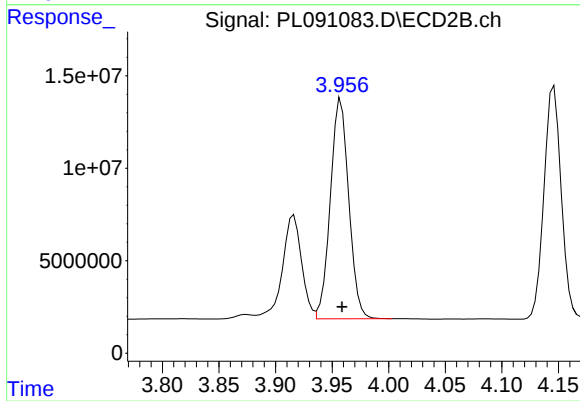
#3 gamma-BHC (Lindane)

R.T.: 3.618 min  
Delta R.T.: 0.000 min  
Response: 142203308  
Conc: 53.99 ng/ml



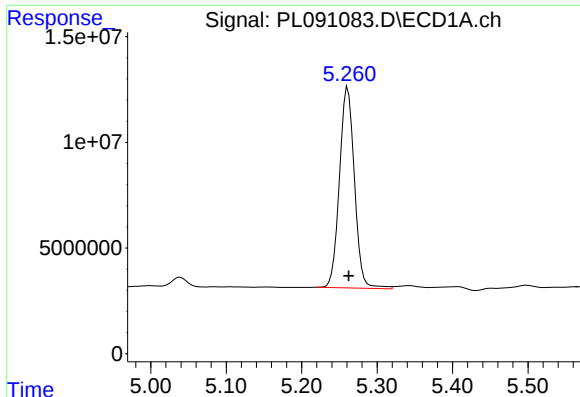
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 136681976  
Conc: 51.33 ng/ml



#4 Heptachlor

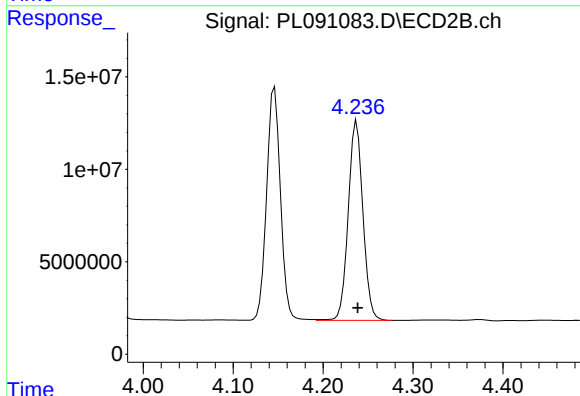
R.T.: 3.958 min  
Delta R.T.: 0.000 min  
Response: 135000926  
Conc: 52.27 ng/ml



#5 Aldrin

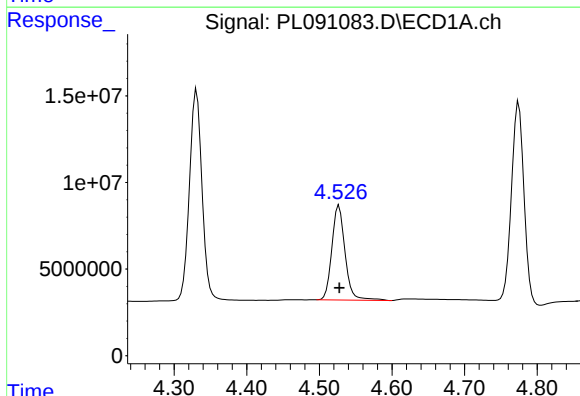
R.T.: 5.261 min  
Delta R.T.: -0.001 min  
Response: 131259784  
Conc: 50.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VCPS-B3-081324-0-10MSD



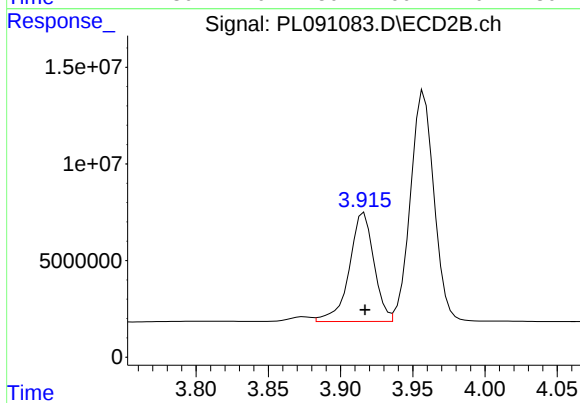
#5 Aldrin

R.T.: 4.237 min  
Delta R.T.: -0.001 min  
Response: 122318169  
Conc: 49.74 ng/ml



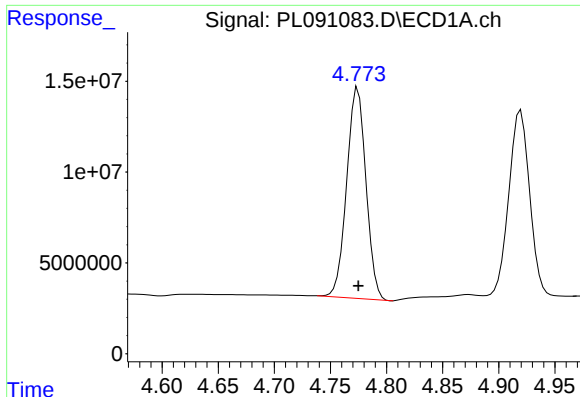
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 69000395  
Conc: 51.02 ng/ml



#6 beta-BHC

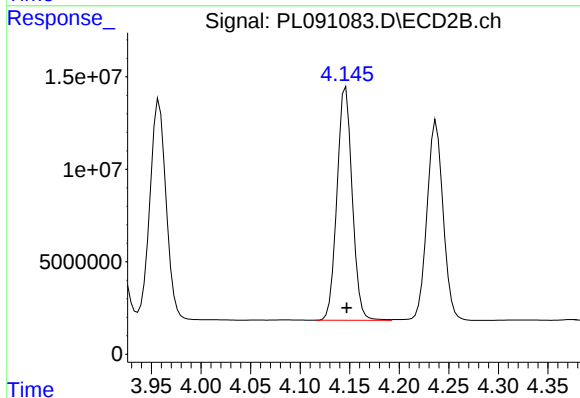
R.T.: 3.916 min  
Delta R.T.: 0.000 min  
Response: 66688147  
Conc: 56.66 ng/ml



#7 delta-BHC

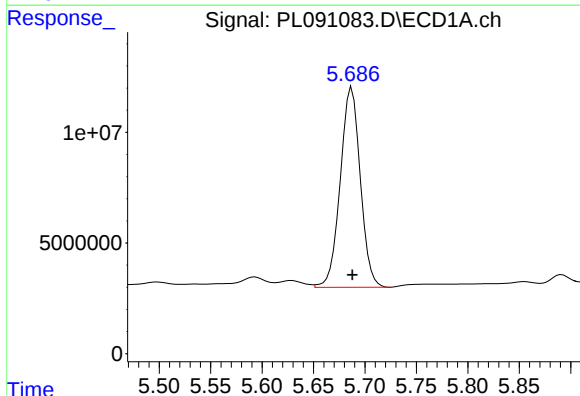
R.T.: 4.774 min  
Delta R.T.: 0.000 min  
Response: 138794740  
Conc: 50.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VCPS-B3-081324-0-10MSD



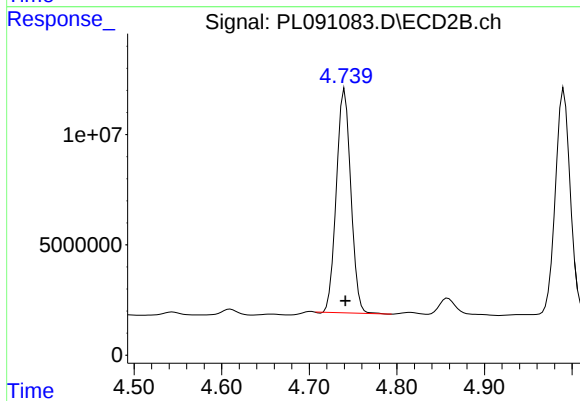
#7 delta-BHC

R.T.: 4.146 min  
Delta R.T.: 0.000 min  
Response: 134609942  
Conc: 53.12 ng/ml



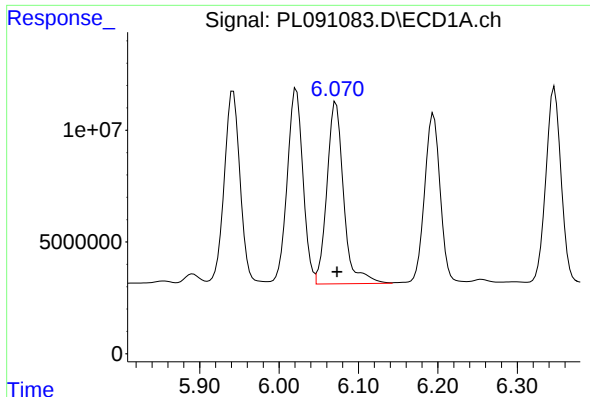
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: 0.000 min  
Response: 122426400  
Conc: 50.04 ng/ml



#8 Heptachlor epoxide

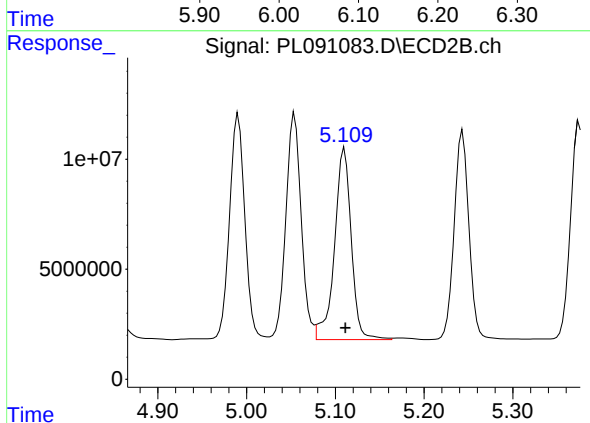
R.T.: 4.740 min  
Delta R.T.: 0.000 min  
Response: 116589395  
Conc: 51.71 ng/ml



#9 Endosulfan I

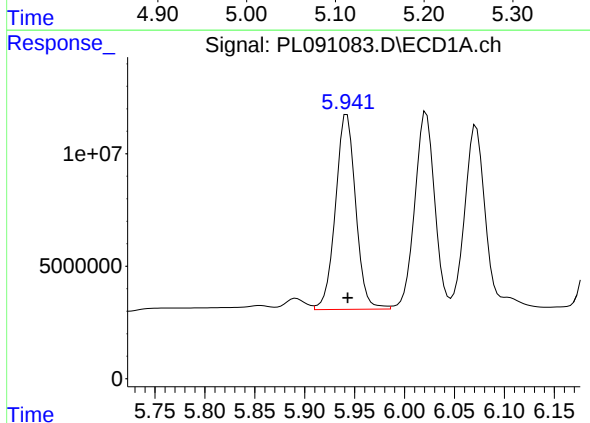
R.T.: 6.072 min  
Delta R.T.: -0.001 min  
Response: 119152750  
Conc: 53.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VCPS-B3-081324-0-10MSD



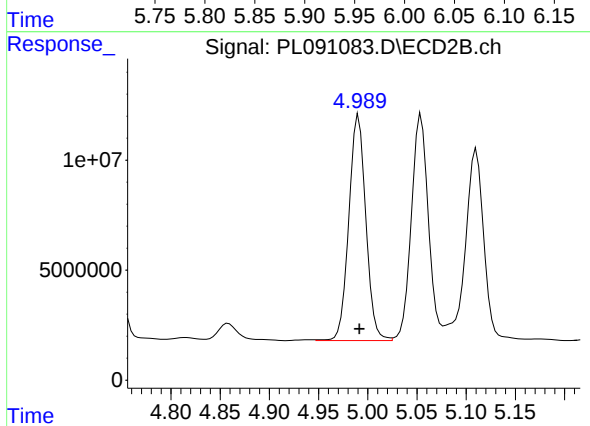
#9 Endosulfan I

R.T.: 5.110 min  
Delta R.T.: 0.000 min  
Response: 114399800  
Conc: 54.21 ng/ml



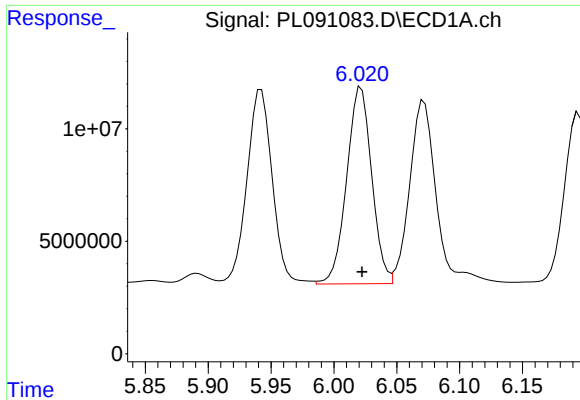
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: 0.000 min  
Response: 122314990  
Conc: 50.62 ng/ml



#10 gamma-Chlordane

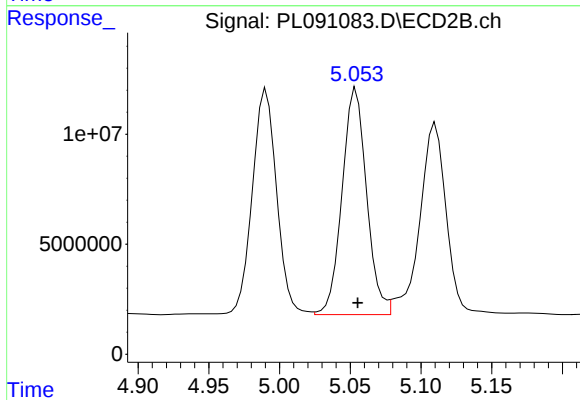
R.T.: 4.991 min  
Delta R.T.: 0.000 min  
Response: 123380356  
Conc: 52.19 ng/ml



#11 alpha-Chlordane

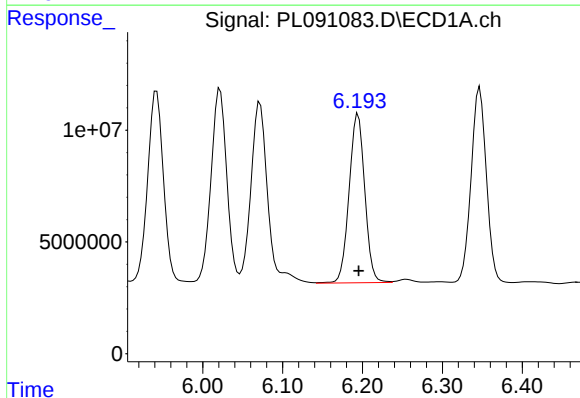
R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 121300290  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VCPS-B3-081324-0-10MSD



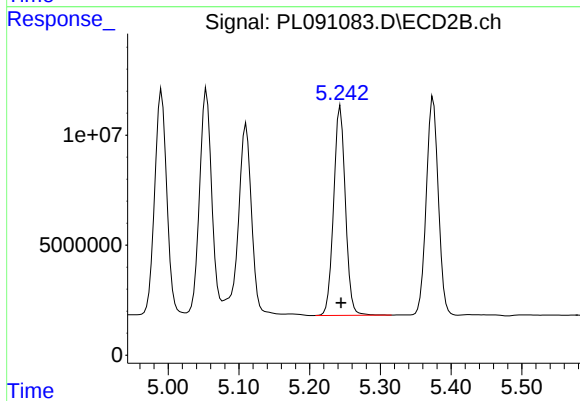
#11 alpha-Chlordane

R.T.: 5.054 min  
Delta R.T.: -0.001 min  
Response: 124405662  
Conc: 52.88 ng/ml



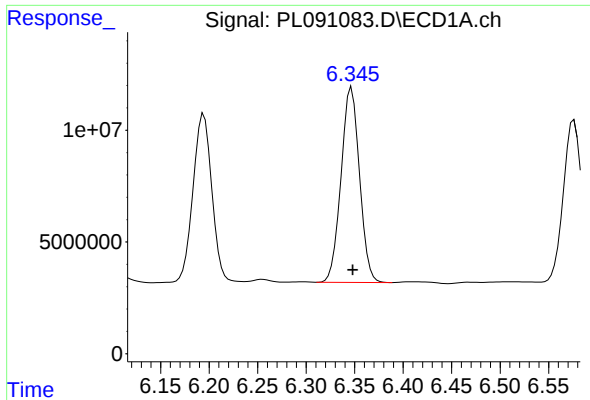
#12 4,4'-DDE

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 103224216  
Conc: 49.34 ng/ml



#12 4,4'-DDE

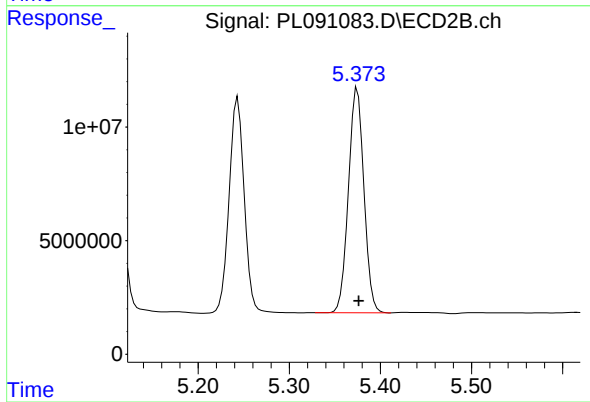
R.T.: 5.244 min  
Delta R.T.: -0.001 min  
Response: 109814728  
Conc: 52.56 ng/ml



#13 Dieldrin

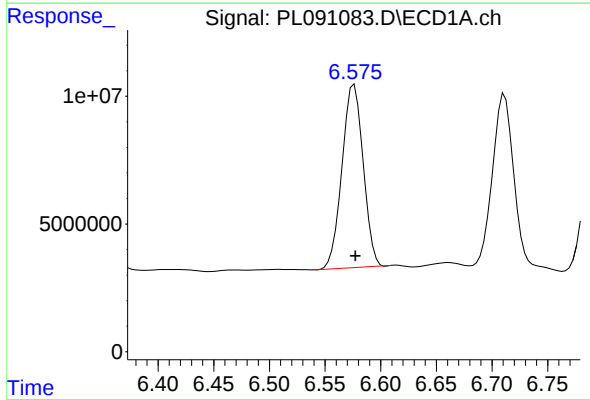
R.T.: 6.347 min  
Delta R.T.: -0.001 min  
Response: 115286666  
Conc: 48.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VCPS-B3-081324-0-10MSD



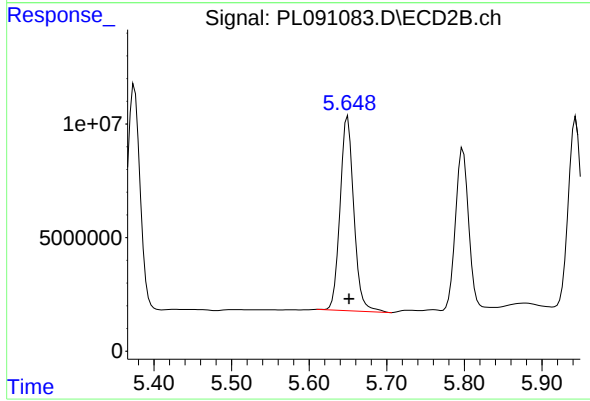
#13 Dieldrin

R.T.: 5.375 min  
Delta R.T.: -0.001 min  
Response: 116969334  
Conc: 51.36 ng/ml



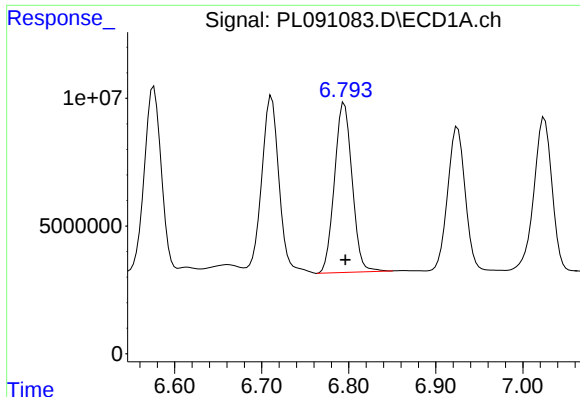
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: -0.001 min  
Response: 95154191  
Conc: 49.07 ng/ml



#14 Endrin

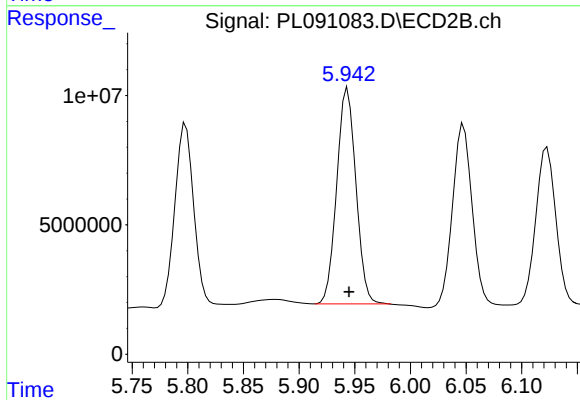
R.T.: 5.650 min  
Delta R.T.: -0.001 min  
Response: 105657745  
Conc: 51.87 ng/ml



#15 Endosulfan II

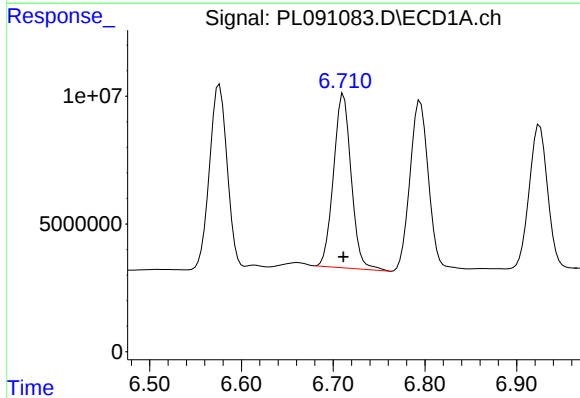
R.T.: 6.795 min  
Delta R.T.: -0.001 min  
Response: 93297377  
Conc: 46.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VCPS-B3-081324-0-10MSD



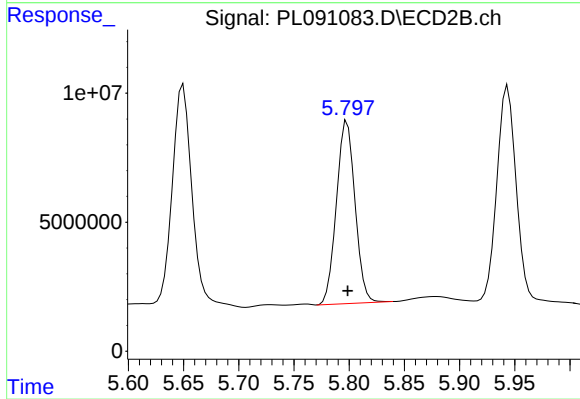
#15 Endosulfan II

R.T.: 5.944 min  
Delta R.T.: -0.001 min  
Response: 100114782  
Conc: 51.75 ng/ml



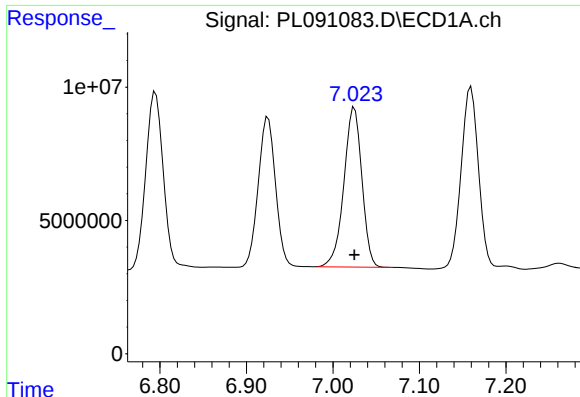
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: 0.000 min  
Response: 91403682  
Conc: 60.48 ng/ml



#16 4,4'-DDD

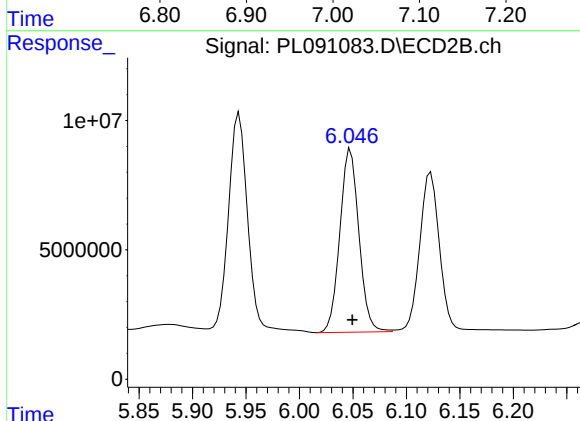
R.T.: 5.798 min  
Delta R.T.: 0.000 min  
Response: 83069784  
Conc: 50.32 ng/ml



#17 4,4'-DDT

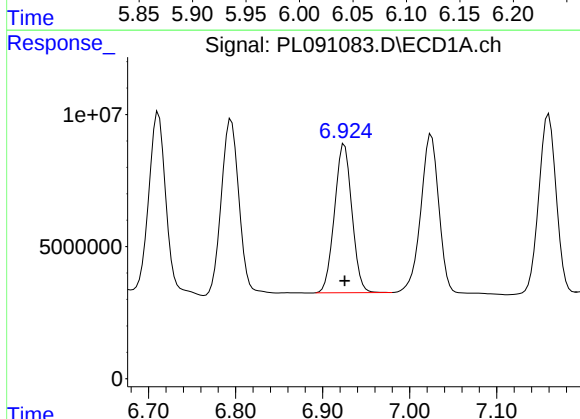
R.T.: 7.025 min  
Delta R.T.: 0.000 min  
Response: 86154362  
Conc: 48.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VCPS-B3-081324-0-10MSD



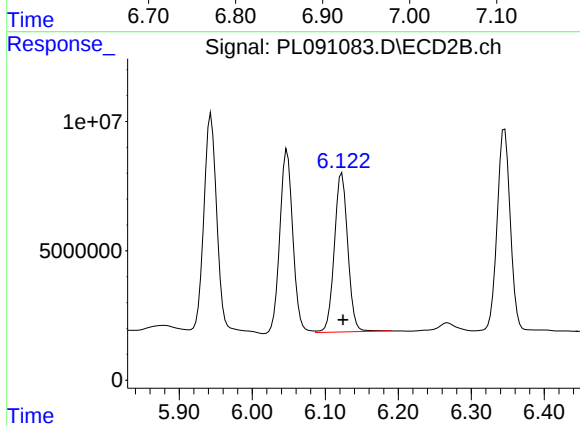
#17 4,4'-DDT

R.T.: 6.048 min  
Delta R.T.: -0.002 min  
Response: 87824452  
Conc: 49.44 ng/ml



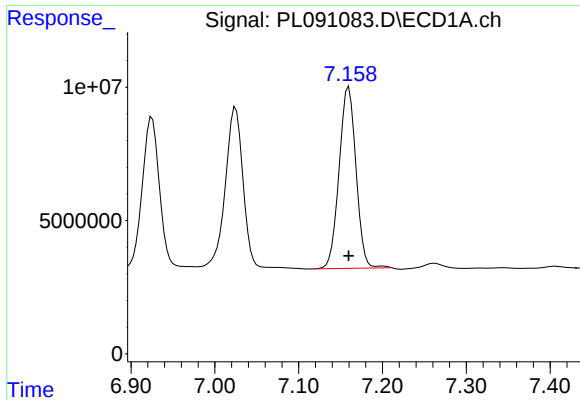
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: 0.000 min  
Response: 78318150  
Conc: 49.06 ng/ml



#18 Endrin aldehyde

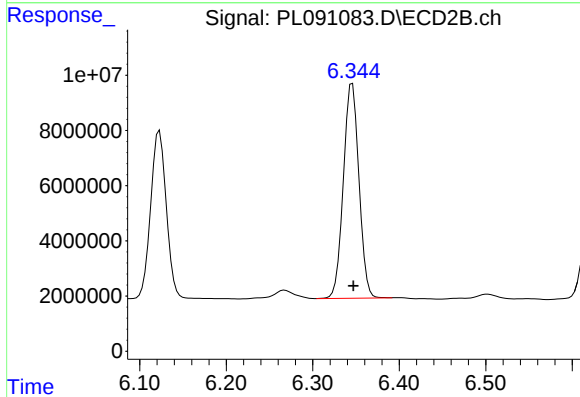
R.T.: 6.123 min  
Delta R.T.: -0.002 min  
Response: 78625579  
Conc: 50.48 ng/ml



#19 Endosulfan Sulfate

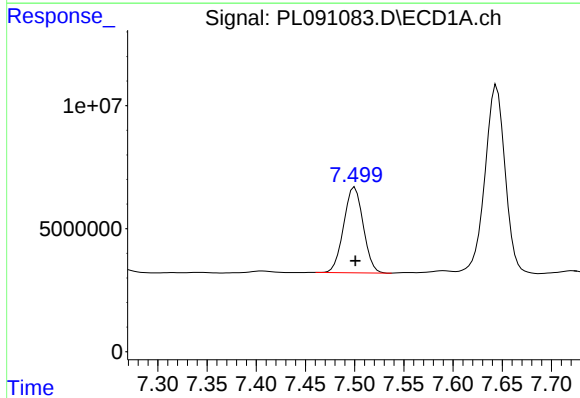
R.T.: 7.160 min  
Delta R.T.: 0.000 min  
Response: 95508227  
Conc: 49.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VCPS-B3-081324-0-10MSD



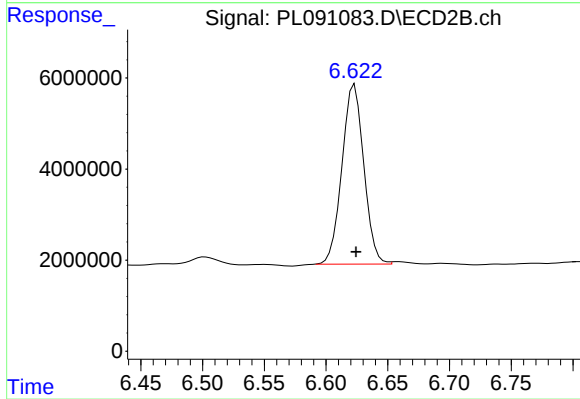
#19 Endosulfan Sulfate

R.T.: 6.346 min  
Delta R.T.: -0.002 min  
Response: 96943652  
Conc: 50.28 ng/ml



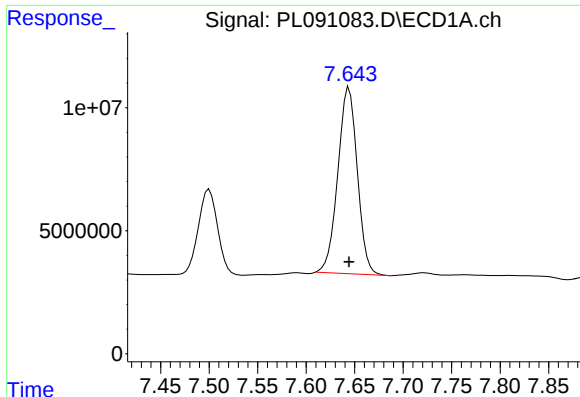
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.000 min  
Response: 48068950  
Conc: 51.12 ng/ml



#20 Methoxychlor

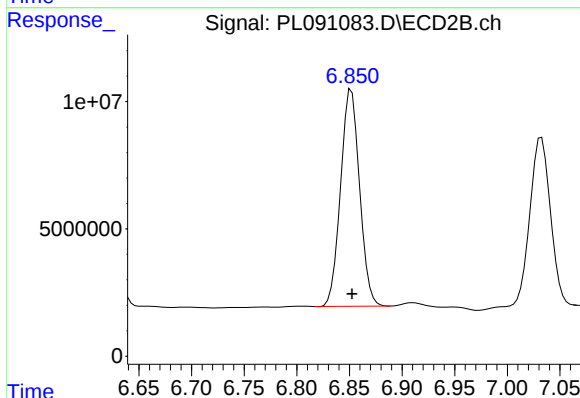
R.T.: 6.623 min  
Delta R.T.: -0.001 min  
Response: 48564655  
Conc: 48.91 ng/ml



#21 Endrin ketone

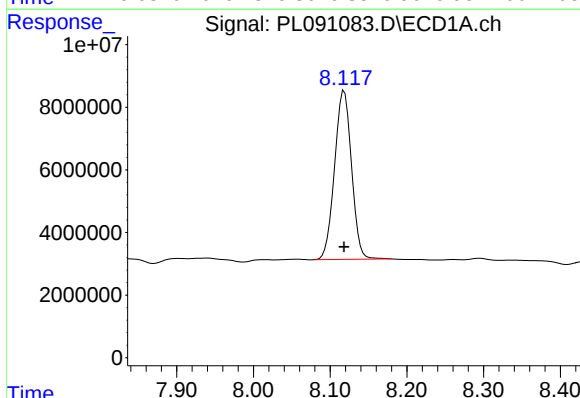
R.T.: 7.644 min  
Delta R.T.: 0.000 min  
Response: 105777684  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VCPS-B3-081324-0-10MSD



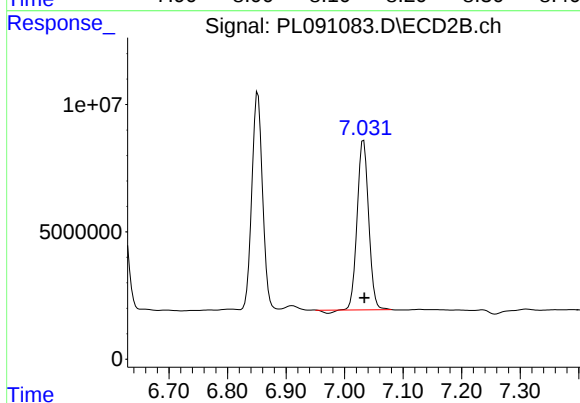
#21 Endrin ketone

R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 107317824  
Conc: 49.27 ng/ml



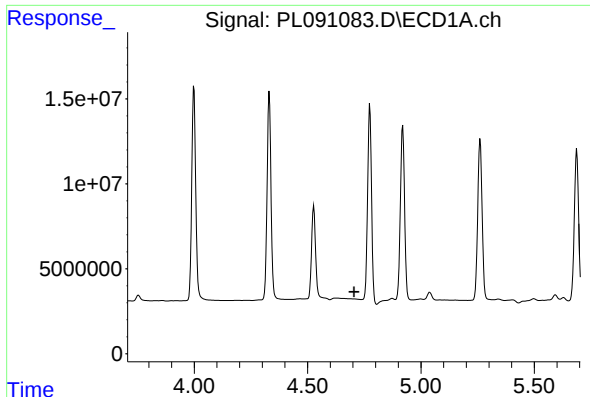
#22 Mirex

R.T.: 8.118 min  
Delta R.T.: 0.000 min  
Response: 82916398  
Conc: 48.74 ng/ml



#22 Mirex

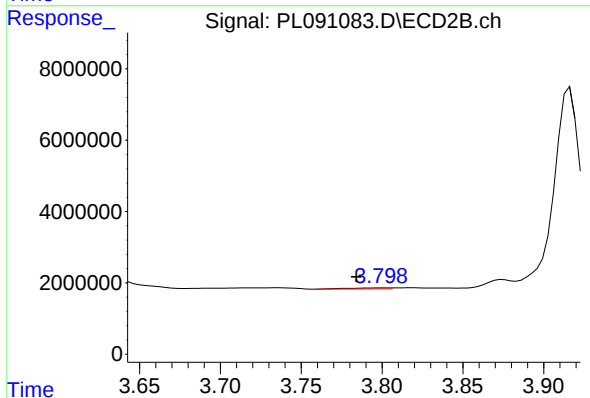
R.T.: 7.032 min  
Delta R.T.: -0.001 min  
Response: 90127352  
Conc: 48.29 ng/ml



#23 Chlordane-1

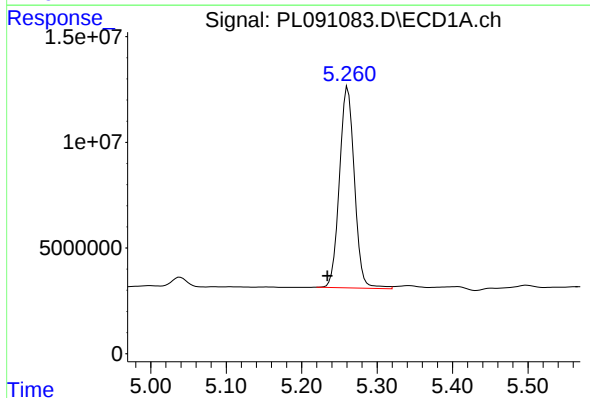
R.T.: 0.000 min  
Exp R.T.: 4.706 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
VCPS-B3-081324-0-10MSD



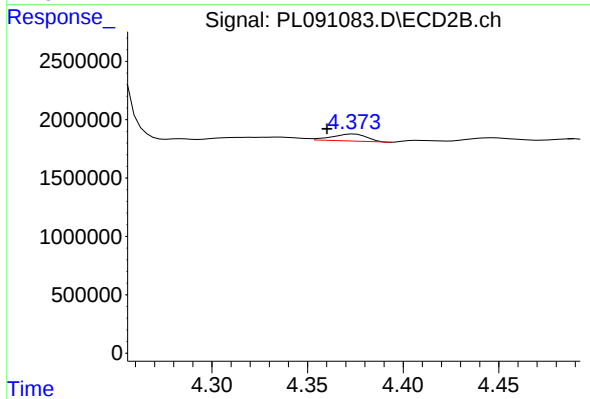
#23 Chlordane-1

R.T.: 3.799 min  
Delta R.T.: 0.015 min  
Response: 533798  
Conc: 7.32 ng/ml



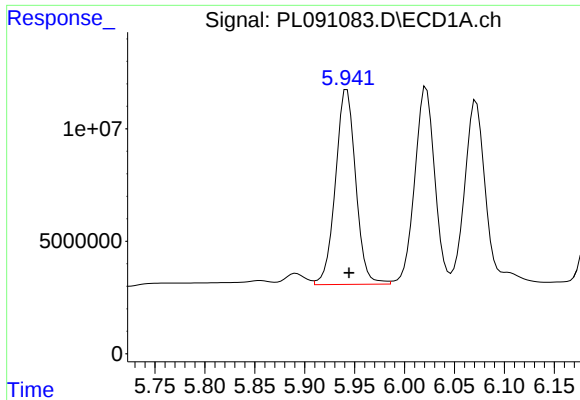
#24 Chlordane-2

R.T.: 5.261 min  
Delta R.T.: 0.027 min  
Response: 131259784  
Conc: 1292.72 ng/ml



#24 Chlordane-2

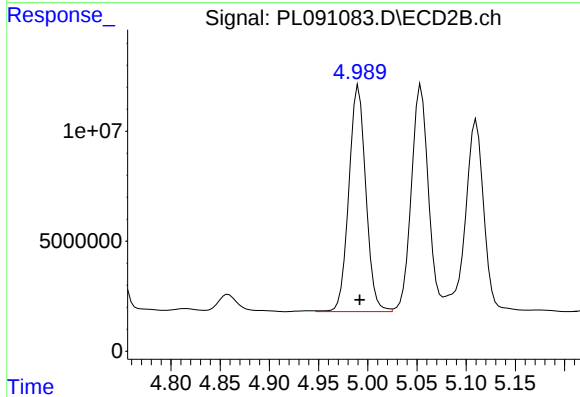
R.T.: 4.374 min  
Delta R.T.: 0.014 min  
Response: 761072  
Conc: 8.10 ng/ml



#25 Chlordane-3

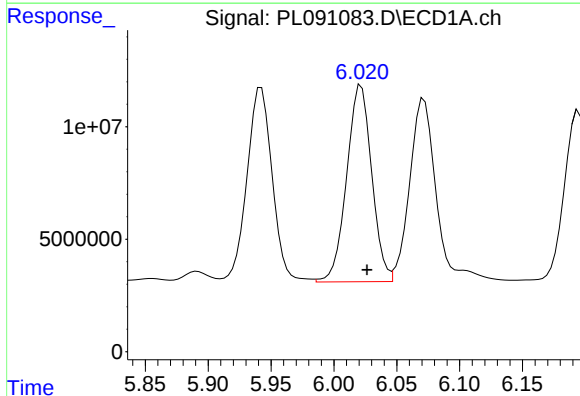
R.T.: 5.942 min  
Delta R.T.: -0.002 min  
Response: 122314990  
Conc: 352.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VCPS-B3-081324-0-10MSD



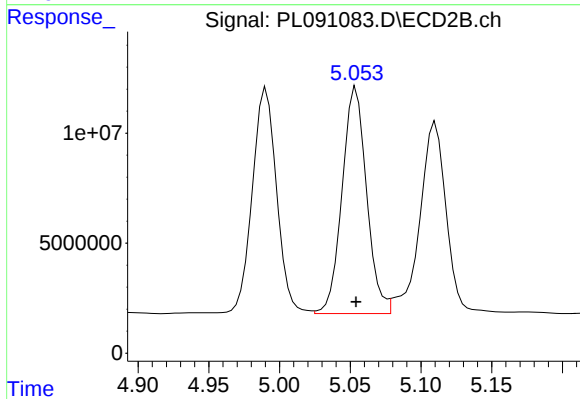
#25 Chlordane-3

R.T.: 4.991 min  
Delta R.T.: -0.001 min  
Response: 123380356  
Conc: 508.08 ng/ml



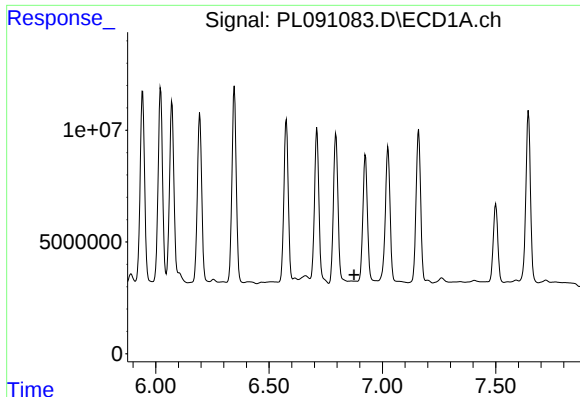
#26 Chlordane-4

R.T.: 6.022 min  
Delta R.T.: -0.005 min  
Response: 121300290  
Conc: 288.39 ng/ml



#26 Chlordane-4

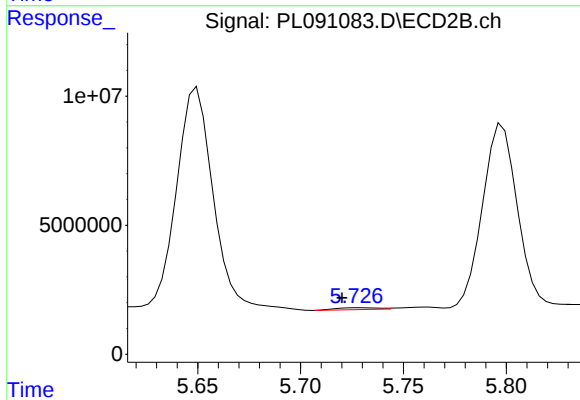
R.T.: 5.054 min  
Delta R.T.: 0.000 min  
Response: 124405662  
Conc: 533.54 ng/ml



#27 Chlordane-5

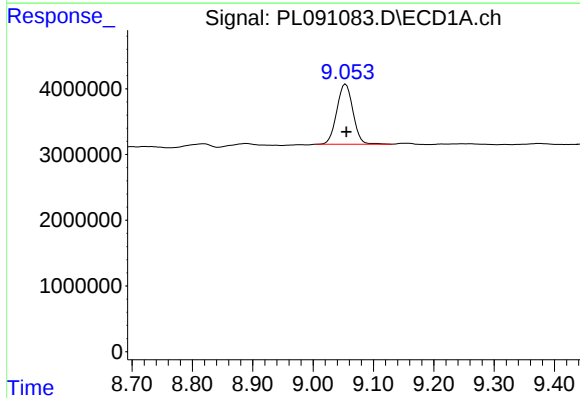
R.T.: 0.000 min  
Exp R.T.: 6.875 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
VCPS-B3-081324-0-10MSD



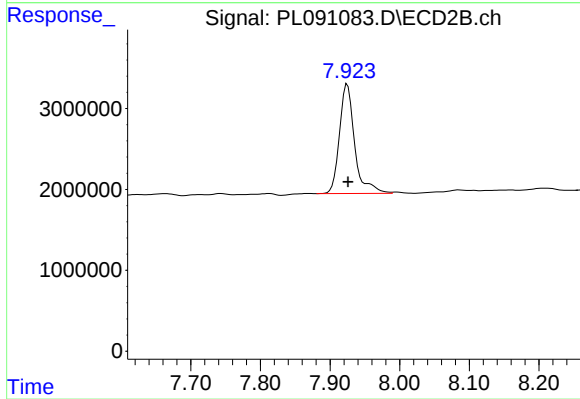
#27 Chlordane-5

R.T.: 5.729 min  
Delta R.T.: 0.009 min  
Response: 1057884  
Conc: 15.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min  
Delta R.T.: -0.001 min  
Response: 17015653  
Conc: 11.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.925 min  
Delta R.T.: 0.000 min  
Response: 20573025  
Conc: 10.86 ng/ml