

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110322\  
 Data File : PL078787.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Nov 2022 17:03  
 Operator : AR\AJ  
 Sample : PB148782BSD  
 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: Nov 04 03:20:54 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 07:08:41 2022  
 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... | 3.322  | 2.569  | 32648663 | 46746278 | 17.120   | 18.309    |
| 28)                         | SA Decachlor... | 8.768  | 7.635  | 23440240 | 32010626 | 15.582   | 16.900    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.782  | 3.055  | 136.5E6  | 192.1E6  | 47.525   | 48.651    |
| 3)                          | MA gamma-BHC... | 4.115  | 3.376  | 125.5E6  | 177.9E6  | 46.971   | 49.486    |
| 4)                          | MA Heptachlor   | 4.685  | 3.703  | 127.0E6  | 173.3E6  | 48.933   | 49.965    |
| 5)                          | MB Aldrin       | 5.023  | 3.975  | 118.2E6  | 180.6E6  | 47.729   | 51.573    |
| 6)                          | B beta-BHC      | 4.329  | 3.676  | 53453562 | 66993243 | 46.402   | 46.690    |
| 7)                          | B delta-BHC     | 4.570  | 3.896  | 100.2E6  | 176.2E6  | 44.024   | 48.392    |
| 8)                          | B Heptachlo...  | 5.457  | 4.471  | 104.7E6  | 156.6E6  | 49.321   | 51.957    |
| 9)                          | A Endosulfan I  | 5.840  | 4.834  | 97958596 | 138.4E6  | 45.913   | 48.339    |
| 10)                         | B gamma-Chl...  | 5.712  | 4.719  | 107.2E6  | 152.6E6  | 47.507   | 49.800    |
| 11)                         | B alpha-Chl...  | 5.788  | 4.781  | 106.2E6  | 147.9E6  | 45.898   | 49.629    |
| 12)                         | B 4,4'-DDE      | 5.971  | 4.976  | 92355360 | 138.6E6  | 46.146   | 50.921    |
| 13)                         | MA Dieldrin     | 6.119  | 5.095  | 101.1E6  | 149.6E6  | 46.892   | 50.487    |
| 14)                         | MA Endrin       | 6.348  | 5.366  | 86547592 | 134.4E6  | 45.604   | 51.593    |
| 15)                         | B Endosulfa...  | 6.578  | 5.662  | 80063139 | 120.2E6  | 42.674   | 52.826    |
| 16)                         | A 4,4'-DDD      | 6.495  | 5.527  | 72894027 | 105.9E6  | 43.727   | 48.226    |
| 17)                         | MA 4,4'-DDT     | 6.805  | 5.772  | 78240678 | 110.0E6  | 43.653   | 50.711    |
| 18)                         | B Endrin al...  | 6.709  | 5.840  | 66820456 | 93852022 | 45.923   | 50.007    |
| 19)                         | B Endosulfa...  | 6.942  | 6.063  | 81344218 | 116.5E6  | 44.210   | 48.920    |
| 20)                         | A Methoxychlor  | 7.290  | 6.350  | 42034626 | 59922801 | 45.646   | 52.805    |
| 21)                         | B Endrin ke...  | 7.428  | 6.559  | 81602962 | 128.8E6  | 43.374   | 49.842    |
| 22)                         | Mirex           | 7.885  | 6.732  | 64724187 | 93394210 | 44.337   | 47.457    |
| 23)                         | Chlordane-1     | 0.000  | 3.558f | 0        | 348903   | N.D.     | 3.459 #   |
| 24)                         | Chlordane-2     | 5.023f | 0.000  | 118.2E6  | 0        | 1428.650 | N.D. #    |
| 25)                         | Chlordane-3     | 5.712  | 4.719  | 107.2E6  | 152.6E6  | 321.004  | 500.709 # |
| 26)                         | Chlordane-4     | 5.788  | 4.781  | 106.2E6  | 147.9E6  | 258.682  | 452.660 # |
| 27)                         | Chlordane-5     | 0.000  | 5.447  | 0        | 582360   | N.D.     | 7.141 #   |
| -----                       |                 |        |        |          |          |          |           |

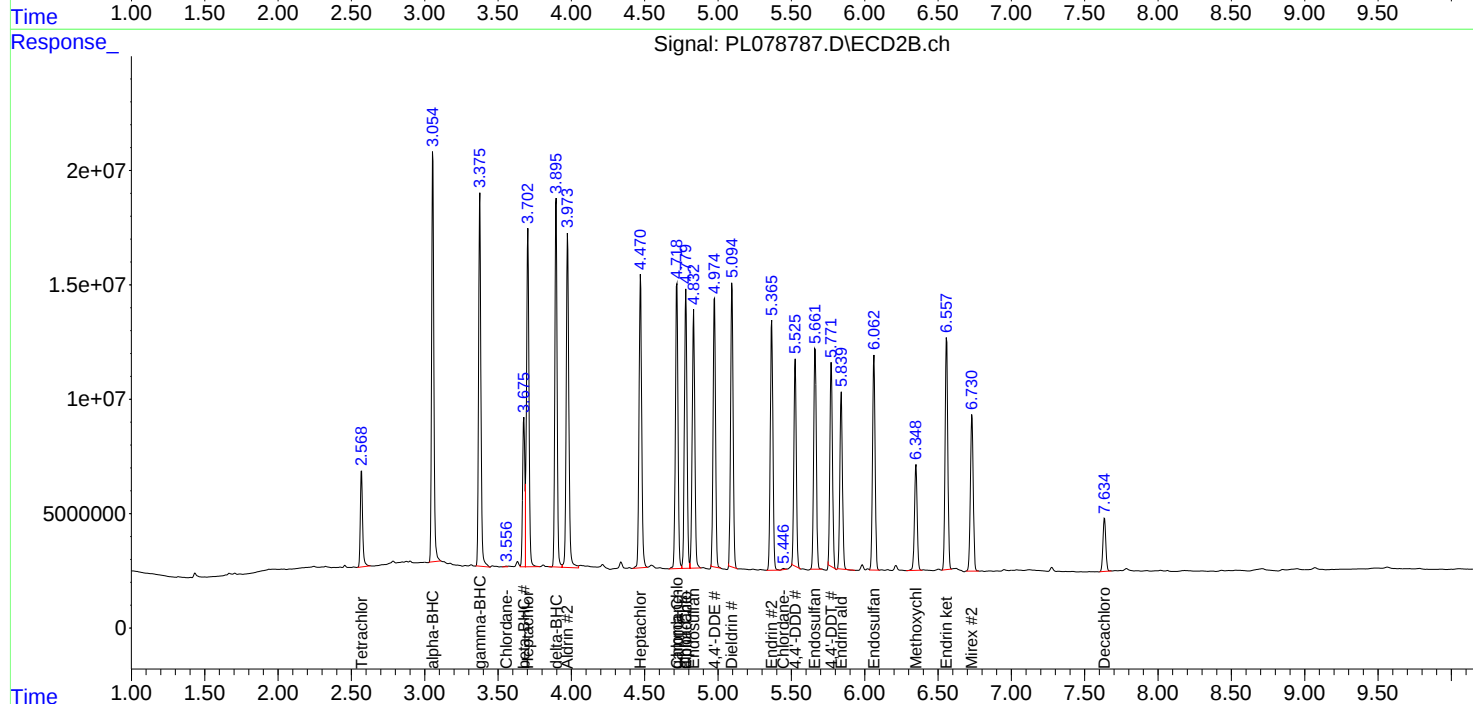
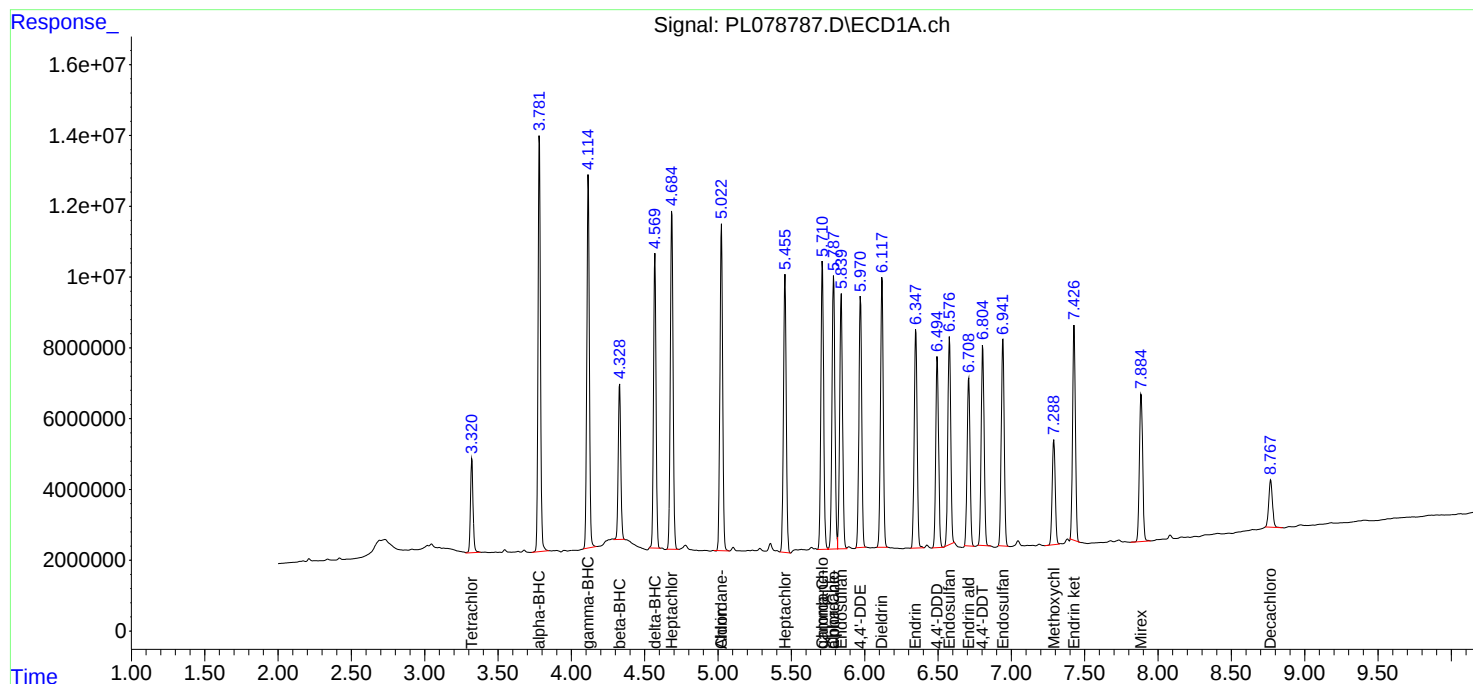
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

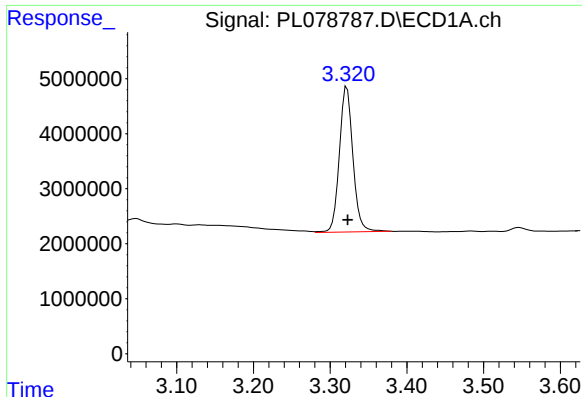
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110322\  
Data File : PL078787.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Nov 2022 17:03  
Operator : AR\AJ  
Sample : PB148782BSD  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 04 03:20:54 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 21 07:08:41 2022  
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

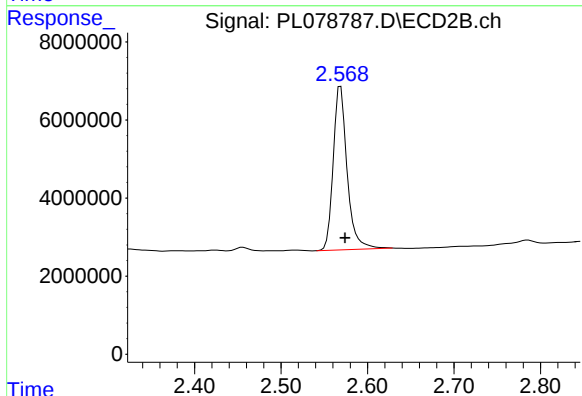




#1 Tetrachloro-m-xylene

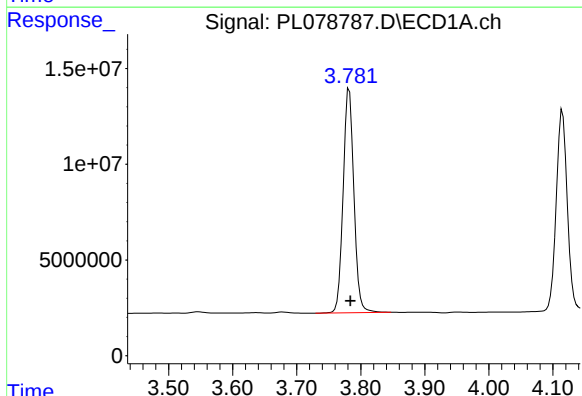
R.T.: 3.322 min  
Delta R.T.: -0.001 min  
Response: 32648663  
Conc: 17.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



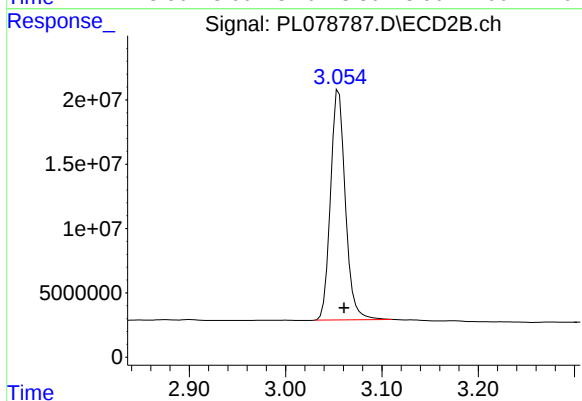
#1 Tetrachloro-m-xylene

R.T.: 2.569 min  
Delta R.T.: -0.005 min  
Response: 46746278  
Conc: 18.31 ng/ml



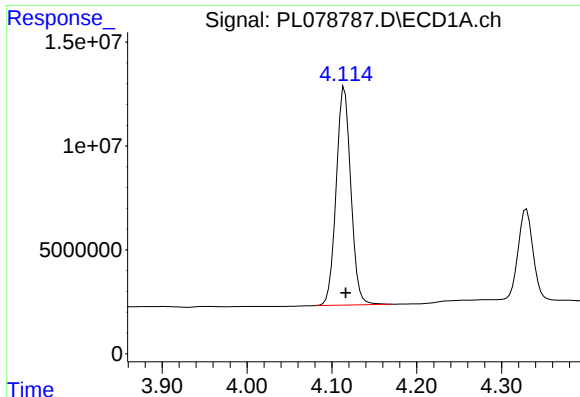
#2 alpha-BHC

R.T.: 3.782 min  
Delta R.T.: -0.002 min  
Response: 136462620  
Conc: 47.53 ng/ml



#2 alpha-BHC

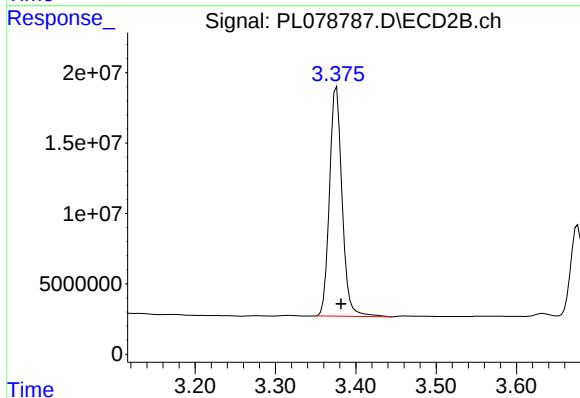
R.T.: 3.055 min  
Delta R.T.: -0.005 min  
Response: 192124904  
Conc: 48.65 ng/ml



#3 gamma-BHC (Lindane)

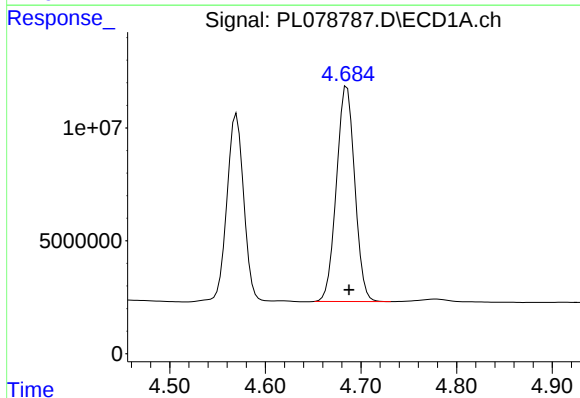
R.T.: 4.115 min  
Delta R.T.: -0.001 min  
Response: 125493102  
Conc: 46.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



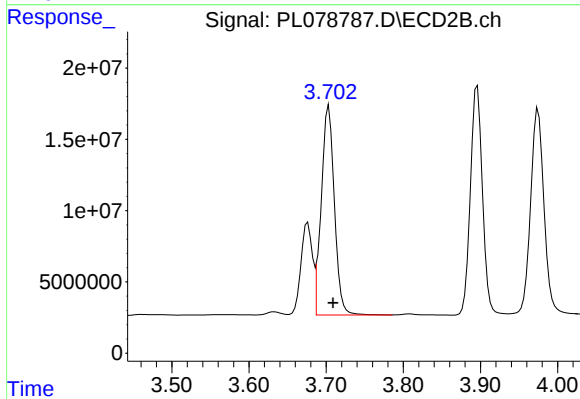
#3 gamma-BHC (Lindane)

R.T.: 3.376 min  
Delta R.T.: -0.006 min  
Response: 177861938  
Conc: 49.49 ng/ml



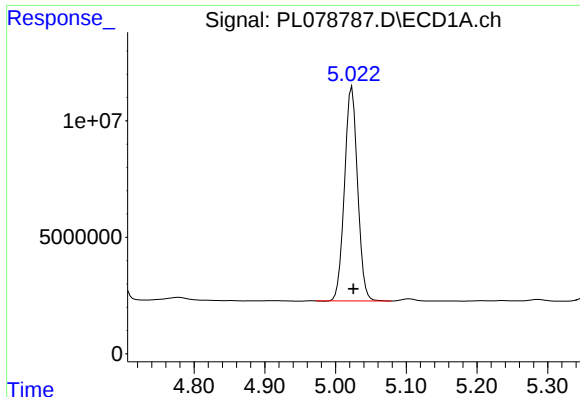
#4 Heptachlor

R.T.: 4.685 min  
Delta R.T.: -0.002 min  
Response: 127030507  
Conc: 48.93 ng/ml



#4 Heptachlor

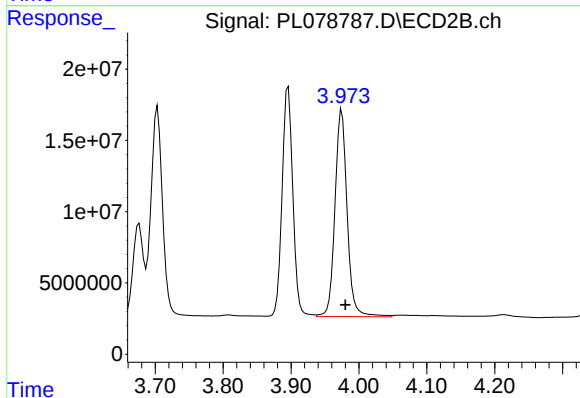
R.T.: 3.703 min  
Delta R.T.: -0.005 min  
Response: 173268899  
Conc: 49.96 ng/ml



#5 Aldrin

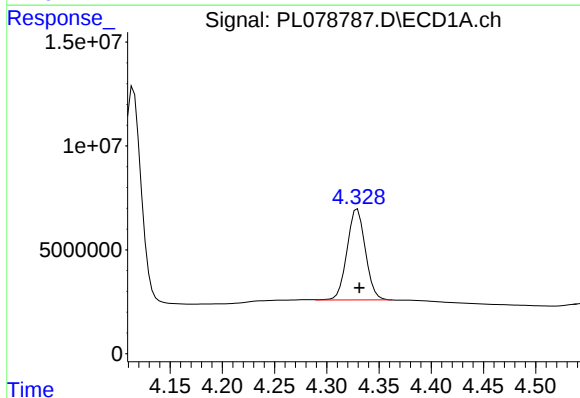
R.T.: 5.023 min  
Delta R.T.: -0.002 min  
Response: 118211941  
Conc: 47.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



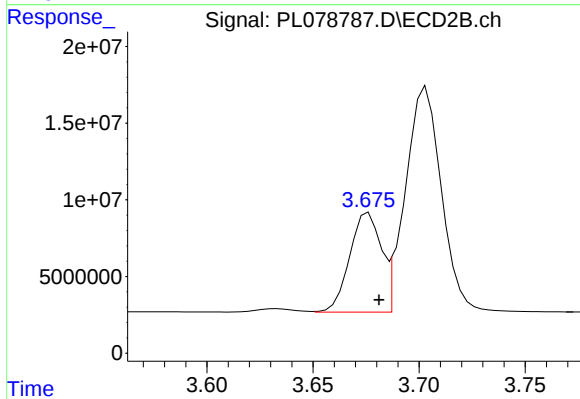
#5 Aldrin

R.T.: 3.975 min  
Delta R.T.: -0.006 min  
Response: 180592767  
Conc: 51.57 ng/ml



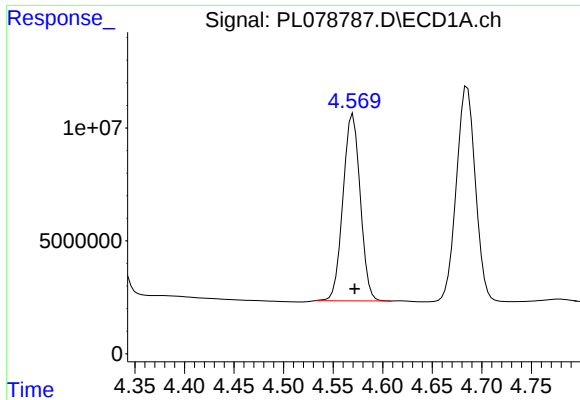
#6 beta-BHC

R.T.: 4.329 min  
Delta R.T.: -0.002 min  
Response: 53453562  
Conc: 46.40 ng/ml



#6 beta-BHC

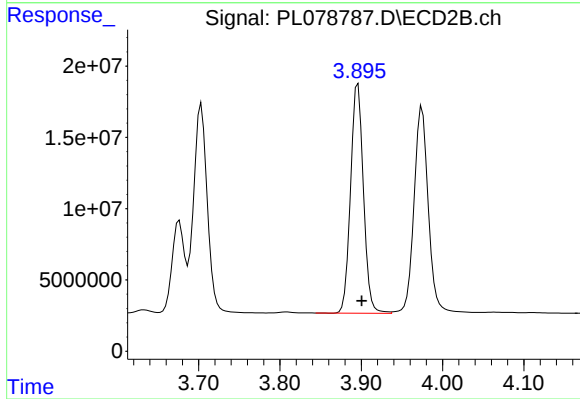
R.T.: 3.676 min  
Delta R.T.: -0.005 min  
Response: 66993243  
Conc: 46.69 ng/ml



#7 delta-BHC

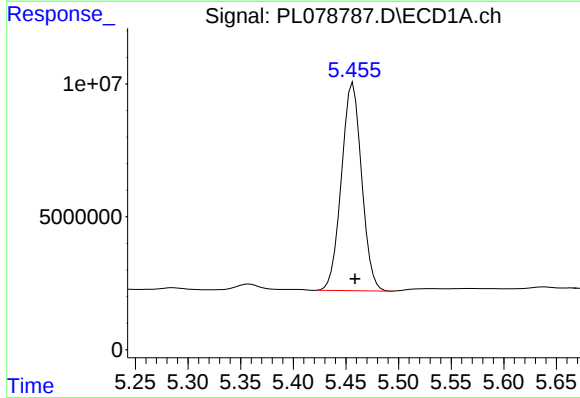
R.T.: 4.570 min  
Delta R.T.: -0.002 min  
Response: 100237063  
Conc: 44.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



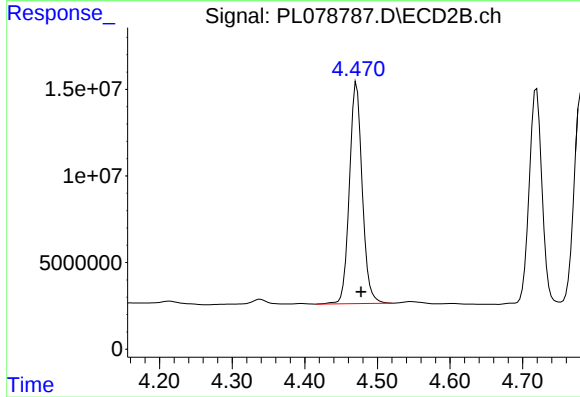
#7 delta-BHC

R.T.: 3.896 min  
Delta R.T.: -0.005 min  
Response: 176210001  
Conc: 48.39 ng/ml



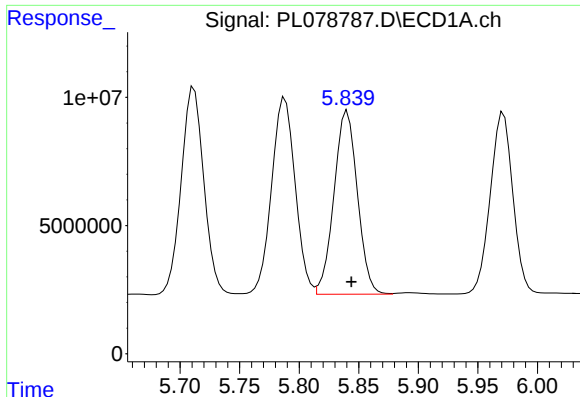
#8 Heptachlor epoxide

R.T.: 5.457 min  
Delta R.T.: -0.002 min  
Response: 104709870  
Conc: 49.32 ng/ml



#8 Heptachlor epoxide

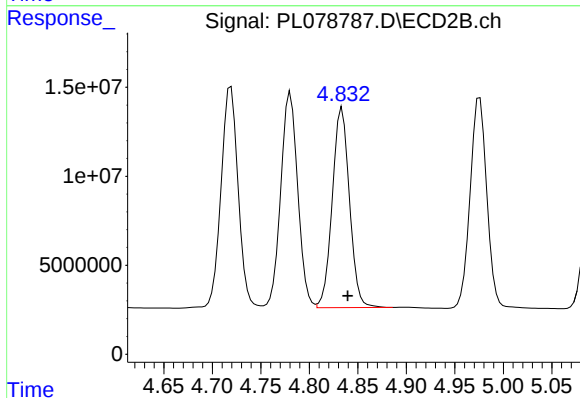
R.T.: 4.471 min  
Delta R.T.: -0.006 min  
Response: 156556965  
Conc: 51.96 ng/ml



#9 Endosulfan I

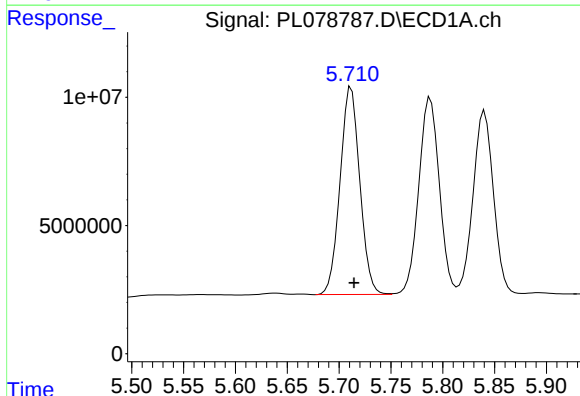
R.T.: 5.840 min  
Delta R.T.: -0.004 min  
Response: 97958596  
Conc: 45.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



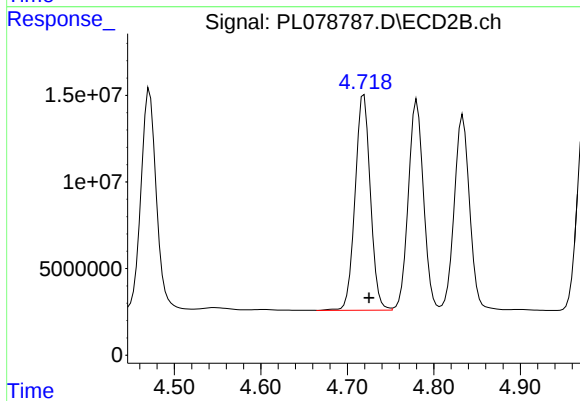
#9 Endosulfan I

R.T.: 4.834 min  
Delta R.T.: -0.006 min  
Response: 138377642  
Conc: 48.34 ng/ml



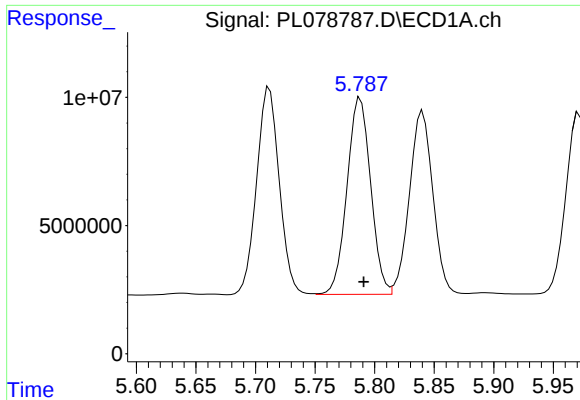
#10 gamma-Chlordane

R.T.: 5.712 min  
Delta R.T.: -0.003 min  
Response: 107229310  
Conc: 47.51 ng/ml



#10 gamma-Chlordane

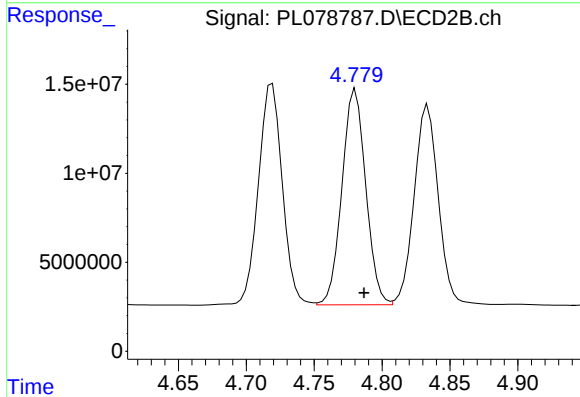
R.T.: 4.719 min  
Delta R.T.: -0.006 min  
Response: 152608344  
Conc: 49.80 ng/ml



#11 alpha-Chlordane

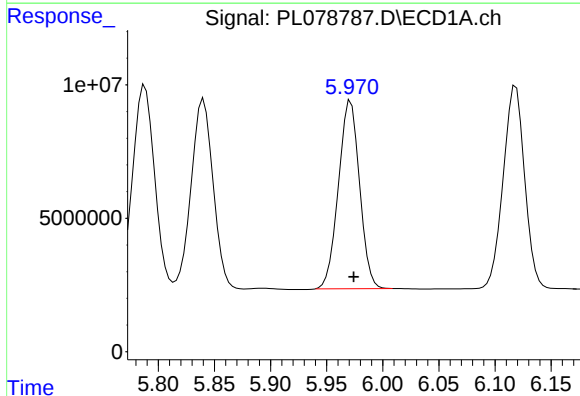
R.T.: 5.788 min  
Delta R.T.: -0.003 min  
Response: 106199118  
Conc: 45.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



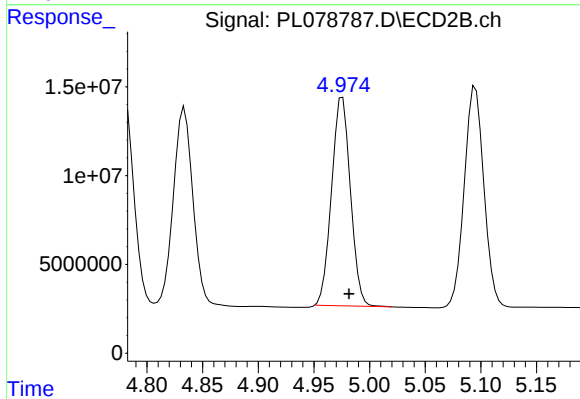
#11 alpha-Chlordane

R.T.: 4.781 min  
Delta R.T.: -0.006 min  
Response: 147912794  
Conc: 49.63 ng/ml



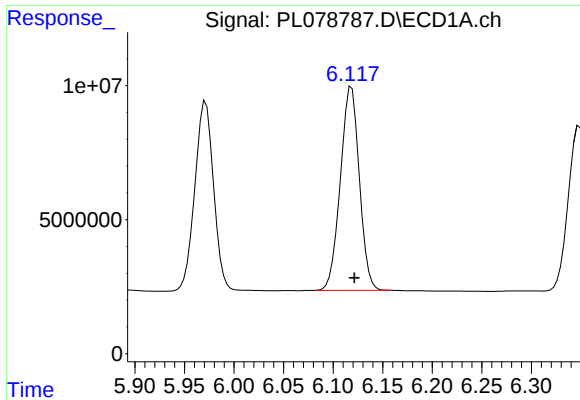
#12 4,4'-DDE

R.T.: 5.971 min  
Delta R.T.: -0.003 min  
Response: 92355360  
Conc: 46.15 ng/ml



#12 4,4'-DDE

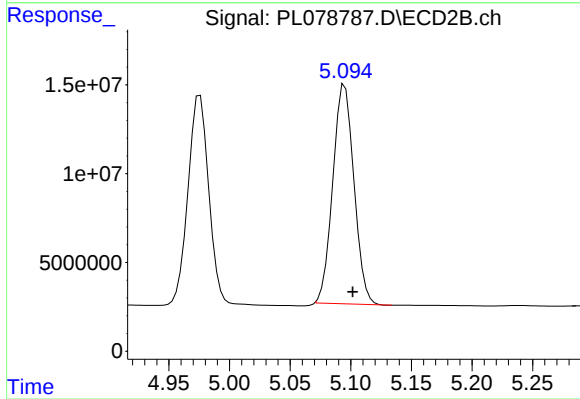
R.T.: 4.976 min  
Delta R.T.: -0.006 min  
Response: 138632589  
Conc: 50.92 ng/ml



#13 Dieldrin

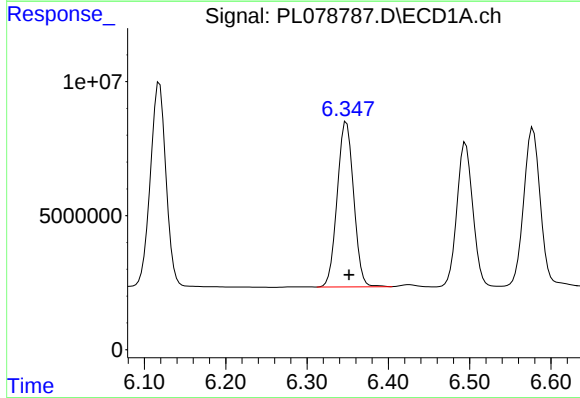
R.T.: 6.119 min  
Delta R.T.: -0.003 min  
Response: 101123579  
Conc: 46.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



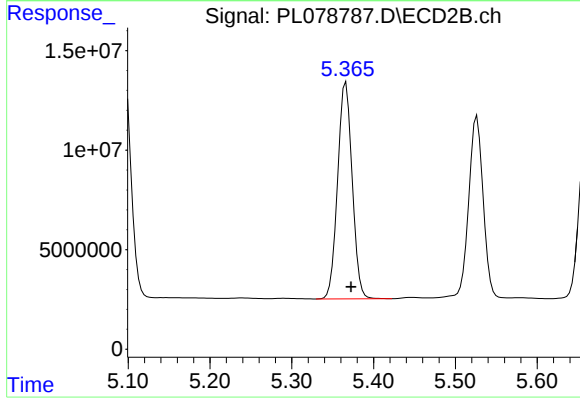
#13 Dieldrin

R.T.: 5.095 min  
Delta R.T.: -0.007 min  
Response: 149598457  
Conc: 50.49 ng/ml



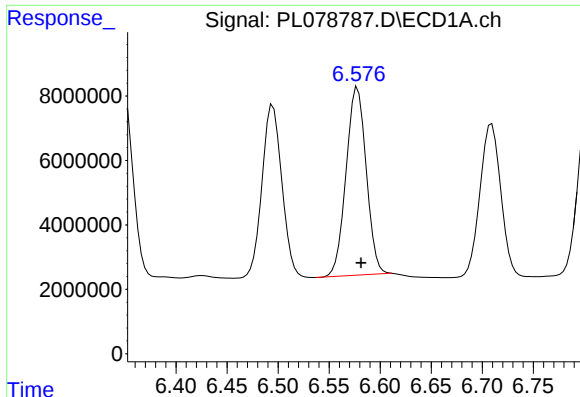
#14 Endrin

R.T.: 6.348 min  
Delta R.T.: -0.003 min  
Response: 86547592  
Conc: 45.60 ng/ml



#14 Endrin

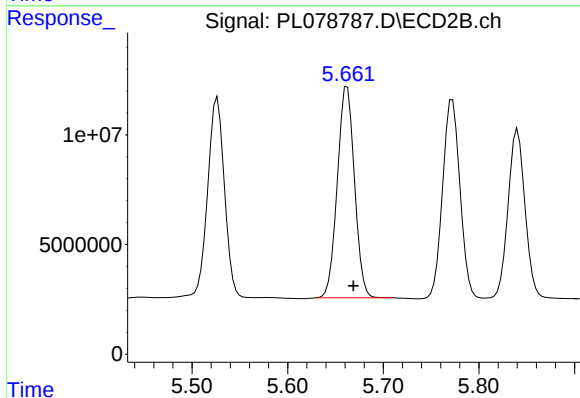
R.T.: 5.366 min  
Delta R.T.: -0.006 min  
Response: 134411794  
Conc: 51.59 ng/ml



#15 Endosulfan II

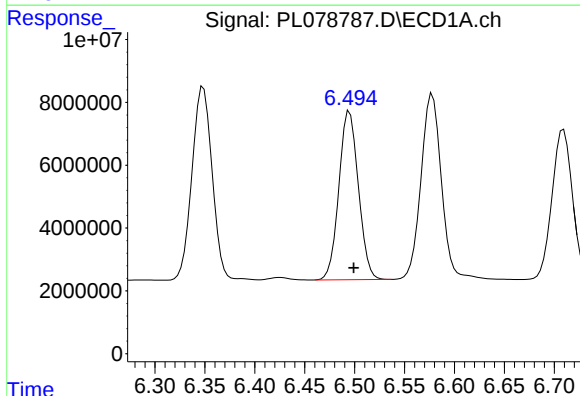
R.T.: 6.578 min  
Delta R.T.: -0.003 min  
Response: 80063139  
Conc: 42.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



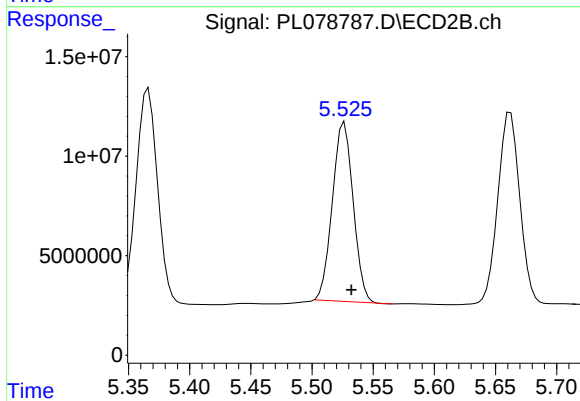
#15 Endosulfan II

R.T.: 5.662 min  
Delta R.T.: -0.006 min  
Response: 120246650  
Conc: 52.83 ng/ml



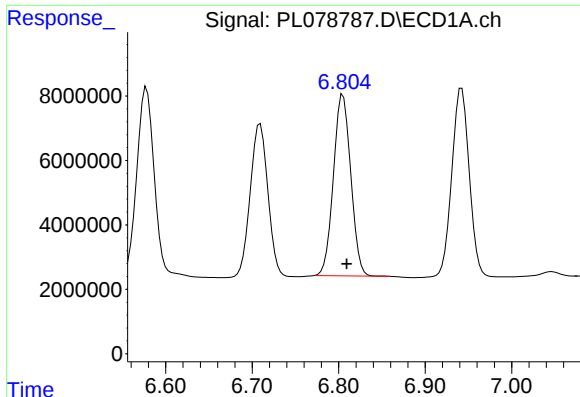
#16 4,4'-DDD

R.T.: 6.495 min  
Delta R.T.: -0.004 min  
Response: 72894027  
Conc: 43.73 ng/ml



#16 4,4'-DDD

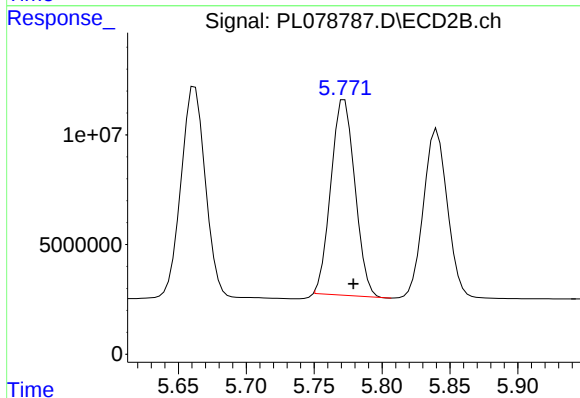
R.T.: 5.527 min  
Delta R.T.: -0.006 min  
Response: 105922358  
Conc: 48.23 ng/ml



#17 4,4'-DDT

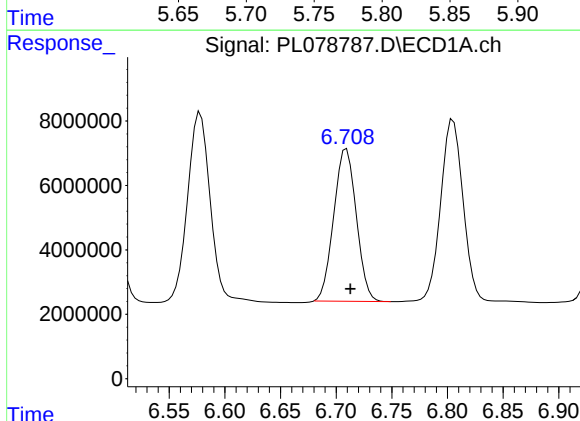
R.T.: 6.805 min  
Delta R.T.: -0.004 min  
Response: 78240678  
Conc: 43.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



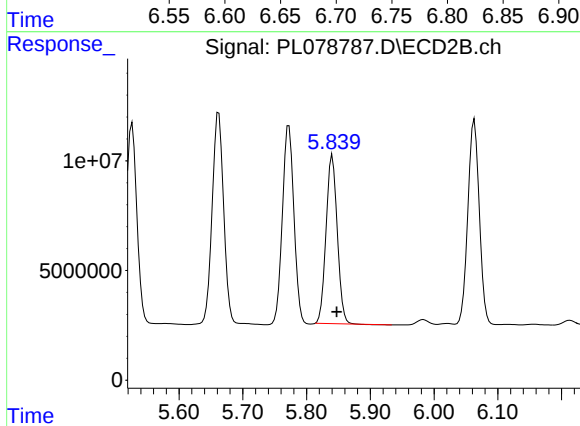
#17 4,4'-DDT

R.T.: 5.772 min  
Delta R.T.: -0.007 min  
Response: 109998288  
Conc: 50.71 ng/ml



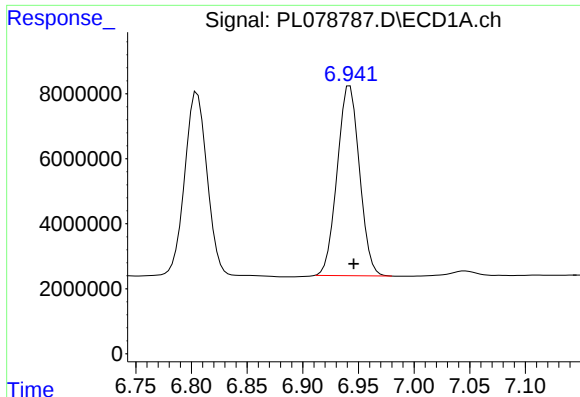
#18 Endrin aldehyde

R.T.: 6.709 min  
Delta R.T.: -0.004 min  
Response: 66820456  
Conc: 45.92 ng/ml



#18 Endrin aldehyde

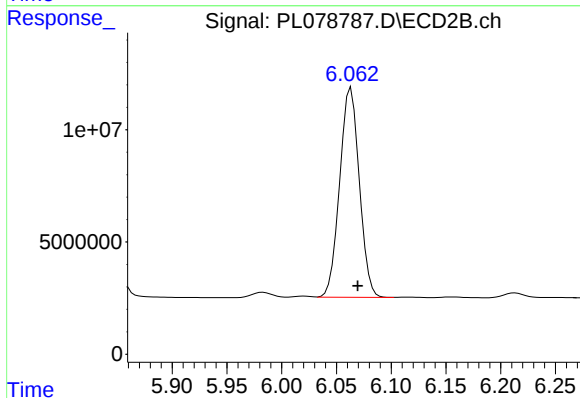
R.T.: 5.840 min  
Delta R.T.: -0.007 min  
Response: 93852022  
Conc: 50.01 ng/ml



#19 Endosulfan Sulfate

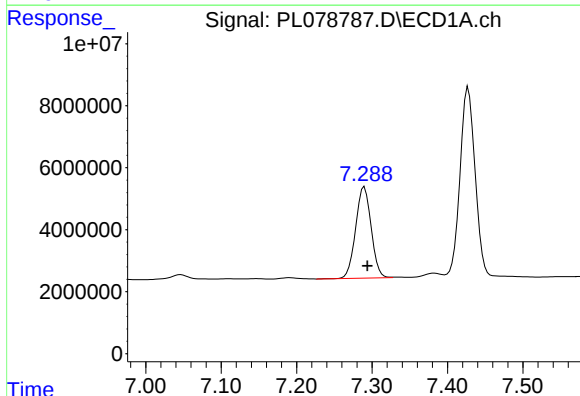
R.T.: 6.942 min  
Delta R.T.: -0.004 min  
Response: 81344218  
Conc: 44.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



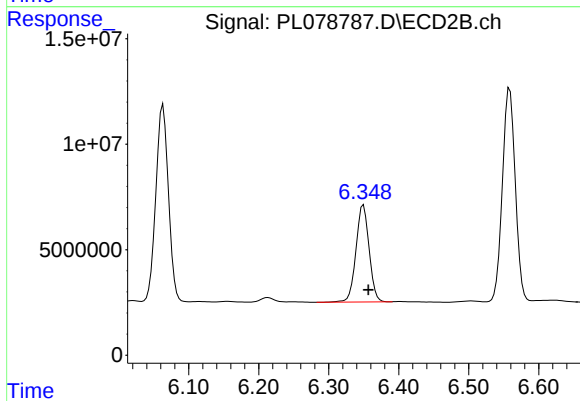
#19 Endosulfan Sulfate

R.T.: 6.063 min  
Delta R.T.: -0.006 min  
Response: 116452924  
Conc: 48.92 ng/ml



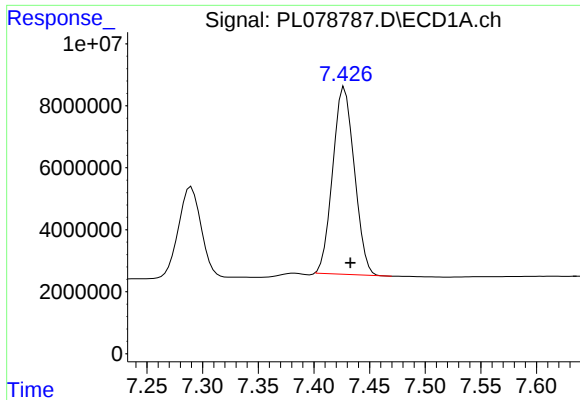
#20 Methoxychlor

R.T.: 7.290 min  
Delta R.T.: -0.004 min  
Response: 42034626  
Conc: 45.65 ng/ml



#20 Methoxychlor

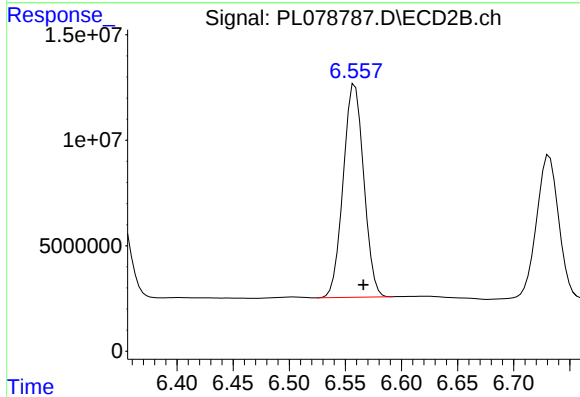
R.T.: 6.350 min  
Delta R.T.: -0.007 min  
Response: 59922801  
Conc: 52.80 ng/ml



#21 Endrin ketone

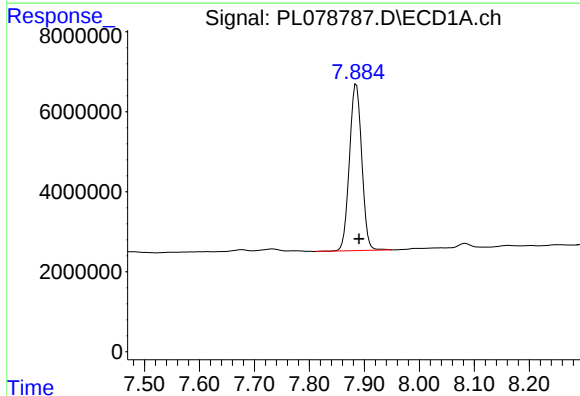
R.T.: 7.428 min  
Delta R.T.: -0.005 min  
Response: 81602962  
Conc: 43.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



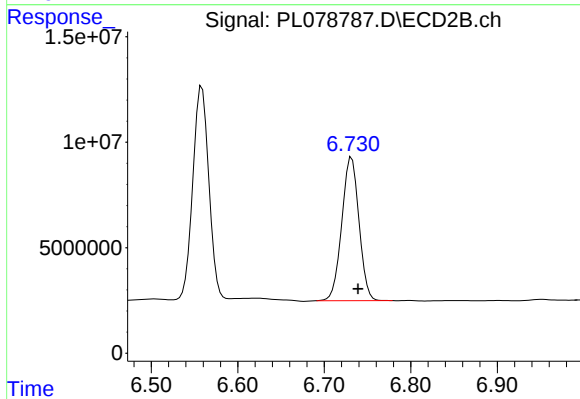
#21 Endrin ketone

R.T.: 6.559 min  
Delta R.T.: -0.008 min  
Response: 128828191  
Conc: 49.84 ng/ml



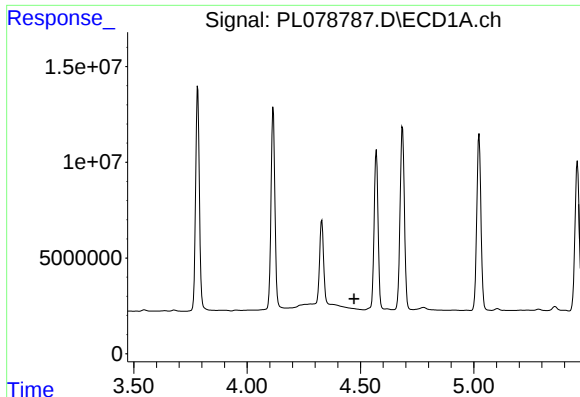
#22 Mirex

R.T.: 7.885 min  
Delta R.T.: -0.005 min  
Response: 64724187  
Conc: 44.34 ng/ml



#22 Mirex

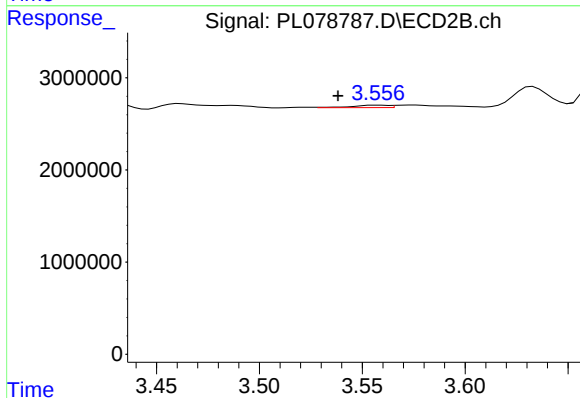
R.T.: 6.732 min  
Delta R.T.: -0.007 min  
Response: 93394210  
Conc: 47.46 ng/ml



#23 Chlordane-1

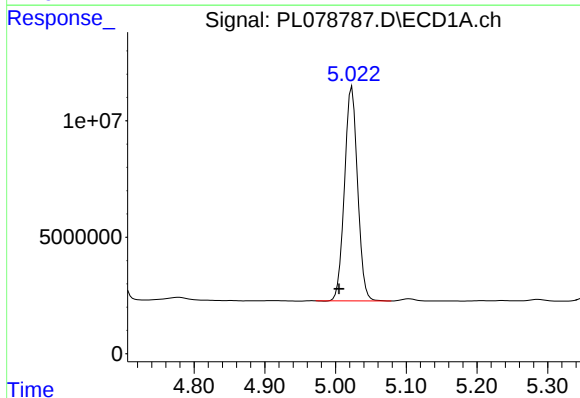
R.T.: 0.000 min  
Exp R.T.: 4.472 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



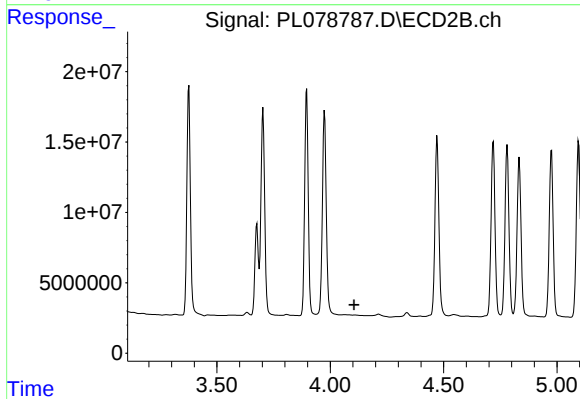
#23 Chlordane-1

R.T.: 3.558 min  
Delta R.T.: 0.020 min  
Response: 348903  
Conc: 3.46 ng/ml



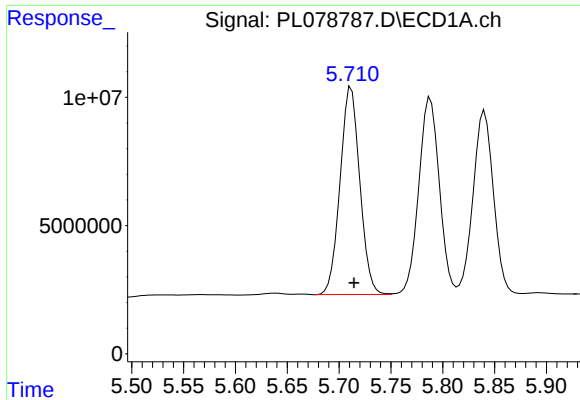
#24 Chlordane-2

R.T.: 5.023 min  
Delta R.T.: 0.018 min  
Response: 118211941  
Conc: 1428.65 ng/ml



#24 Chlordane-2

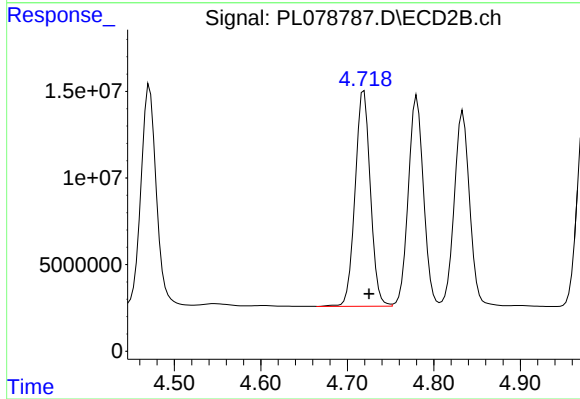
R.T.: 0.000 min  
Exp R.T.: 4.105 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

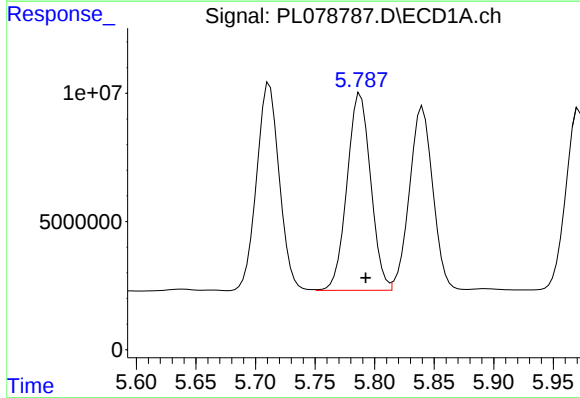
R.T.: 5.712 min  
Delta R.T.: -0.003 min  
Response: 107229310  
Conc: 321.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



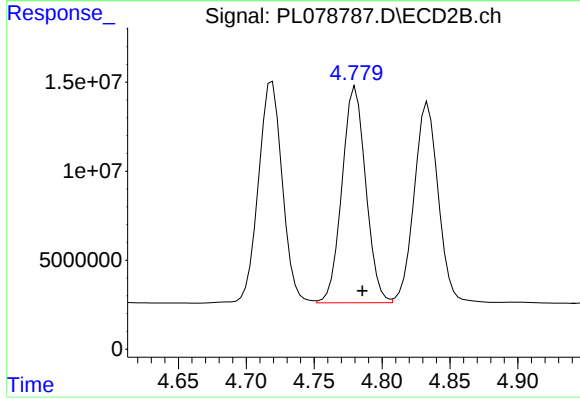
#25 Chlordane-3

R.T.: 4.719 min  
Delta R.T.: -0.006 min  
Response: 152608344  
Conc: 500.71 ng/ml



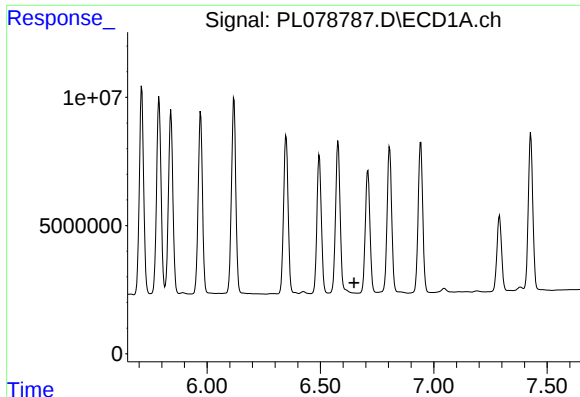
#26 Chlordane-4

R.T.: 5.788 min  
Delta R.T.: -0.004 min  
Response: 106199118  
Conc: 258.68 ng/ml



#26 Chlordane-4

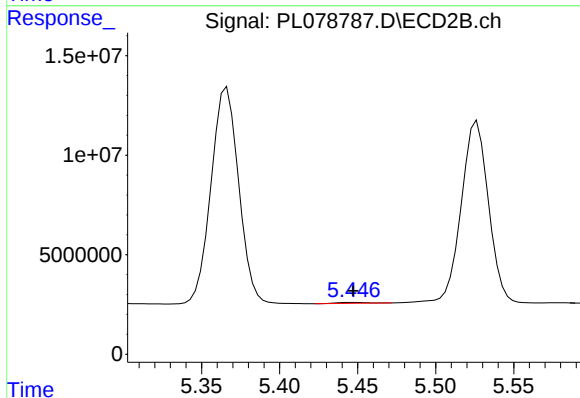
R.T.: 4.781 min  
Delta R.T.: -0.005 min  
Response: 147912794  
Conc: 452.66 ng/ml



#27 Chlordane-5

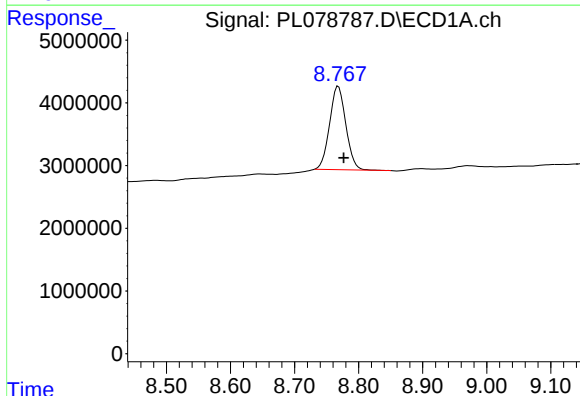
R.T.: 0.000 min  
Exp R.T.: 6.649 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



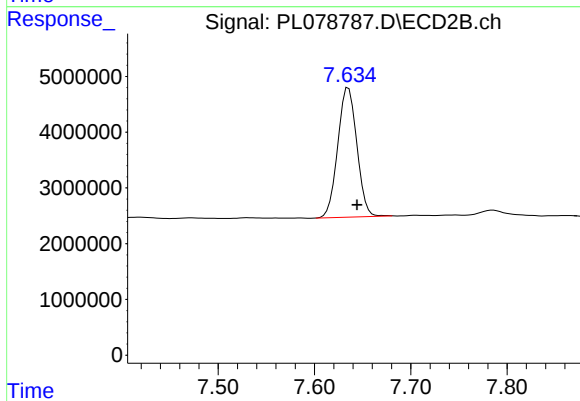
#27 Chlordane-5

R.T.: 5.447 min  
Delta R.T.: 0.000 min  
Response: 582360  
Conc: 7.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.768 min  
Delta R.T.: -0.008 min  
Response: 23440240  
Conc: 15.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.635 min  
Delta R.T.: -0.009 min  
Response: 32010626  
Conc: 16.90 ng/ml