

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051524\  
 Data File : PL089538.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 May 2024 12:10  
 Operator : AR\AJ  
 Sample : P2468-01MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-MH-IIMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 16 01:34:35 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 26 19:27:30 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... | 3.553 | 2.801 | 41209737 | 26288149 | 20.465  | 20.489    |
| 28)                         | SA Decachlor... | 9.065 | 7.946 | 22154731 | 20448923 | 15.836  | 15.202    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.008 | 3.304 | 145.4E6  | 109.8E6  | 50.975  | 58.180    |
| 3)                          | MA gamma-BHC... | 4.339 | 3.634 | 136.5E6  | 105.2E6  | 49.037  | 57.001    |
| 4)                          | MA Heptachlor   | 4.929 | 3.975 | 130.3E6  | 99643583 | 52.528  | 56.864    |
| 5)                          | MB Aldrin       | 5.271 | 4.256 | 137.0E6  | 101.0E6  | 53.349  | 57.106    |
| 6)                          | B beta-BHC      | 4.534 | 3.930 | 62359573 | 46495342 | 49.431  | 56.948    |
| 7)                          | B delta-BHC     | 4.782 | 4.161 | 129.4E6  | 99807152 | 48.786  | 55.473    |
| 8)                          | B Heptachlo...  | 5.696 | 4.758 | 117.4E6  | 88849974 | 50.034  | 54.955    |
| 9)                          | A Endosulfan I  | 6.081 | 5.128 | 105.2E6  | 79741999 | 48.929  | 53.243    |
| 10)                         | B gamma-Chl...  | 5.951 | 5.008 | 119.2E6  | 98003035 | 52.167  | 59.724    |
| 11)                         | B alpha-Chl...  | 6.030 | 5.072 | 118.0E6  | 97020469 | 51.889  | 58.829    |
| 12)                         | B 4,4'-DDE      | 6.203 | 5.261 | 93742388 | 83685334 | 46.330  | 57.556    |
| 13)                         | MA Dieldrin     | 6.356 | 5.393 | 106.5E6  | 89938162 | 47.572  | 55.907    |
| 14)                         | MA Endrin       | 6.585 | 5.668 | 93159746 | 81058460 | 49.178  | 56.382    |
| 15)                         | B Endosulfa...  | 6.803 | 5.962 | 94603581 | 77532183 | 47.401  | 53.905    |
| 16)                         | A 4,4'-DDD      | 6.719 | 5.815 | 90073701 | 69047163 | 53.393  | 55.988    |
| 17)                         | MA 4,4'-DDT     | 7.033 | 6.067 | 82091135 | 70011424 | 44.640  | 51.746    |
| 18)                         | B Endrin al...  | 6.933 | 6.142 | 70677102 | 57186053 | 46.735  | 51.412    |
| 19)                         | B Endosulfa...  | 7.167 | 6.364 | 86858252 | 73972972 | 48.018  | 53.326    |
| 20)                         | A Methoxychlor  | 7.507 | 6.642 | 41880498 | 38944981 | 42.587  | 48.707    |
| 21)                         | B Endrin ke...  | 7.652 | 6.870 | 96314865 | 82755670 | 48.118  | 51.755    |
| 22)                         | Mirex           | 8.127 | 7.053 | 70925254 | 66994770 | 45.637  | 49.108    |
| 23)                         | Chlordane-1     | 4.712 | 3.802 | 813009   | 496526   | 8.905   | 10.092    |
| 24)                         | Chlordane-2     | 0.000 | 4.382 | 0        | 4693161  | N.D.    | 73.774 #  |
| 25)                         | Chlordane-3     | 5.951 | 5.008 | 119.2E6  | 98003035 | 361.080 | 572.378 # |
| 26)                         | Chlordane-4     | 6.030 | 5.072 | 118.0E6  | 97020469 | 289.564 | 603.194 # |
| 27)                         | Chlordane-5     | 6.880 | 5.738 | 276356   | 1127294  | 3.321   | 22.027 #  |
| -----                       |                 |       |       |          |          |         |           |

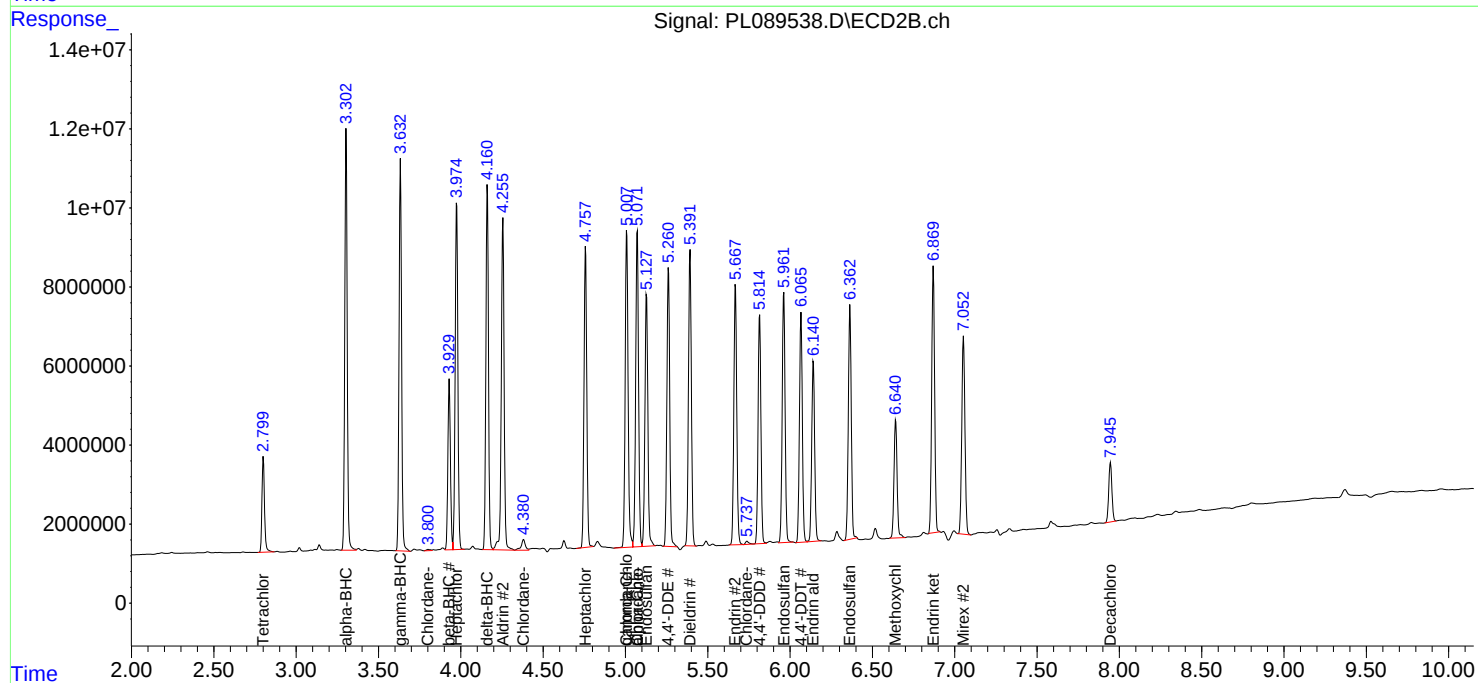
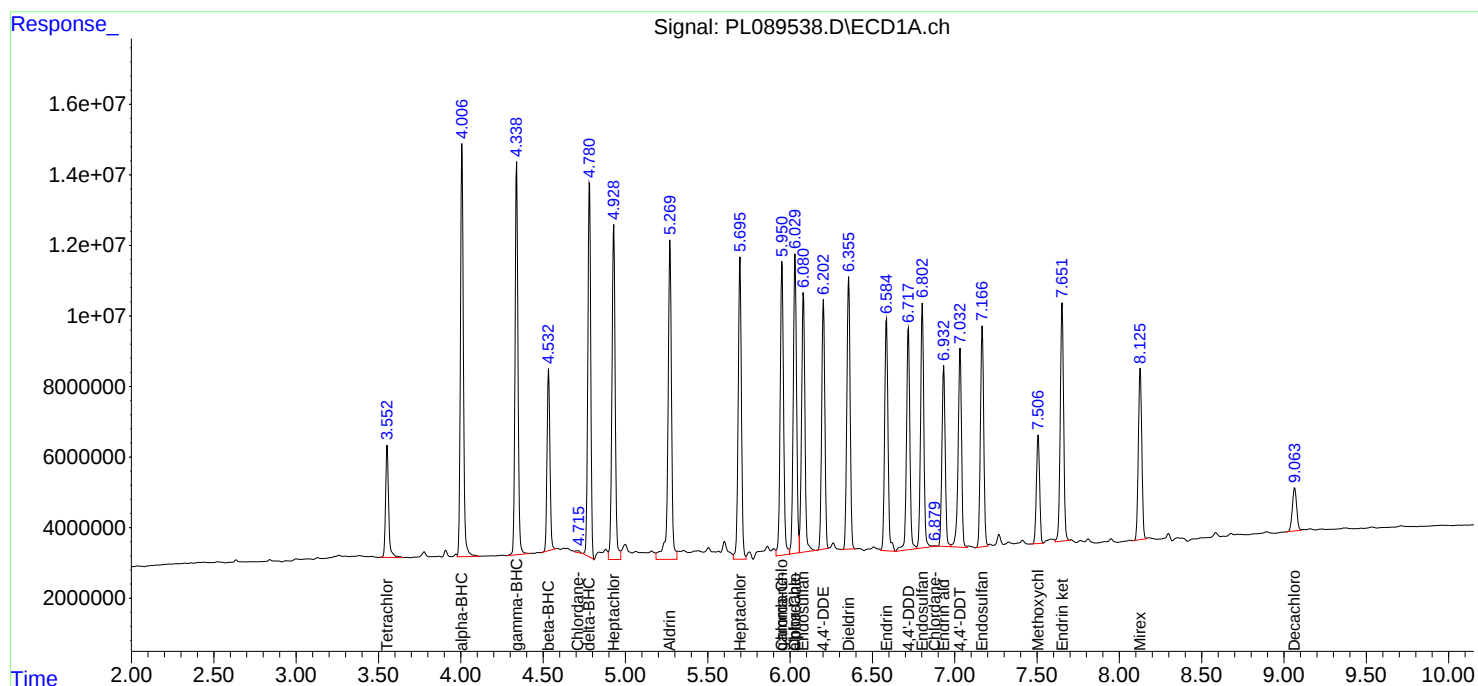
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

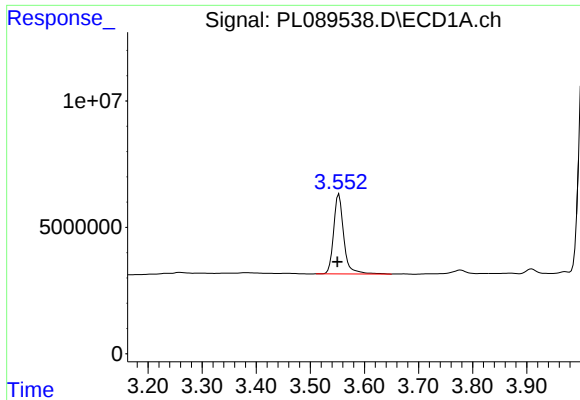
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051524\  
Data File : PL089538.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 May 2024 12:10  
Operator : AR\AJ  
Sample : P2468-01MSD  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
WC-MH-IIMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 16 01:34:35 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 26 19:27:30 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

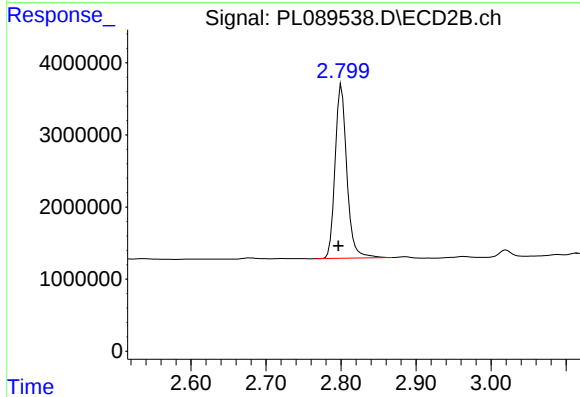




#1 Tetrachloro-m-xylene

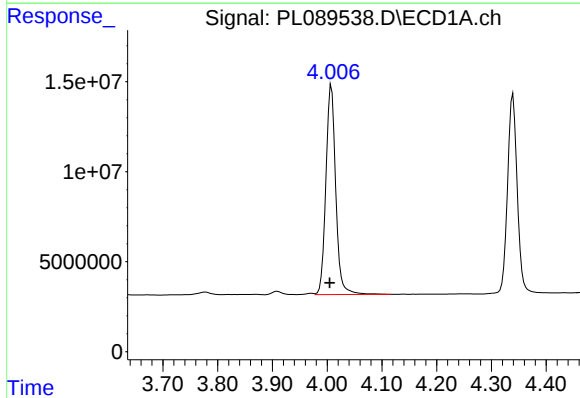
R.T.: 3.553 min  
Delta R.T.: 0.003 min  
Response: 41209737  
Conc: 20.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-MH-IIMSD



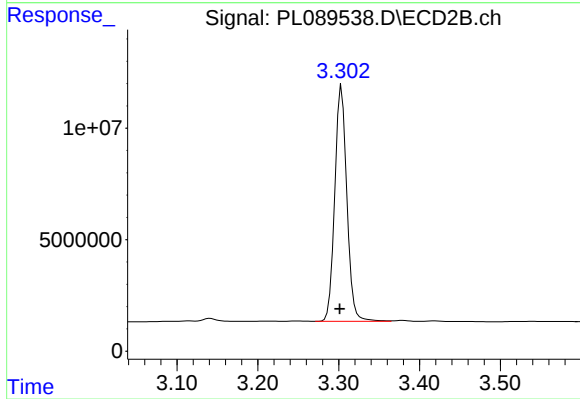
#1 Tetrachloro-m-xylene

R.T.: 2.801 min  
Delta R.T.: 0.004 min  
Response: 26288149  
Conc: 20.49 ng/ml



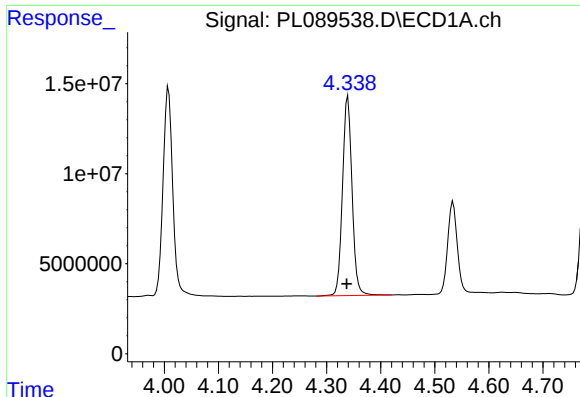
#2 alpha-BHC

R.T.: 4.008 min  
Delta R.T.: 0.003 min  
Response: 145368386  
Conc: 50.97 ng/ml



#2 alpha-BHC

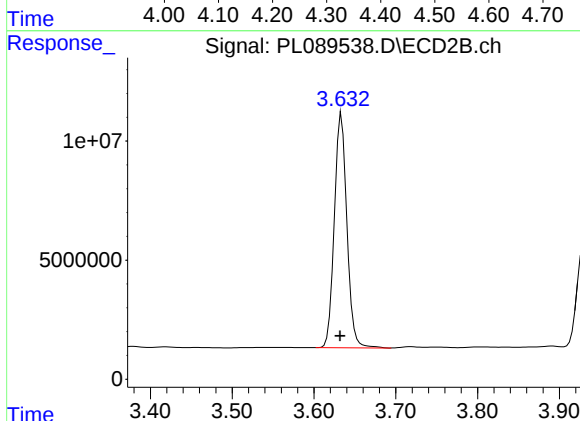
R.T.: 3.304 min  
Delta R.T.: 0.003 min  
Response: 109778658  
Conc: 58.18 ng/ml



#3 gamma-BHC (Lindane)

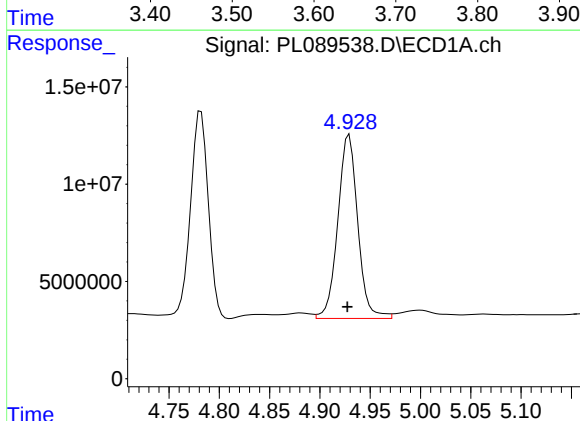
R.T.: 4.339 min  
Delta R.T.: 0.002 min  
Response: 136516862  
Conc: 49.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-MH-IIMSD



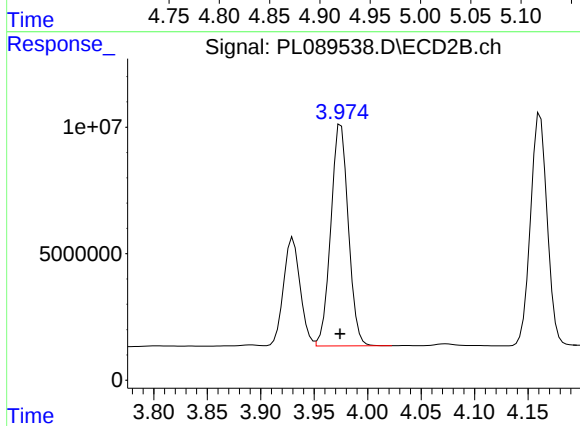
#3 gamma-BHC (Lindane)

R.T.: 3.634 min  
Delta R.T.: 0.002 min  
Response: 105180692  
Conc: 57.00 ng/ml



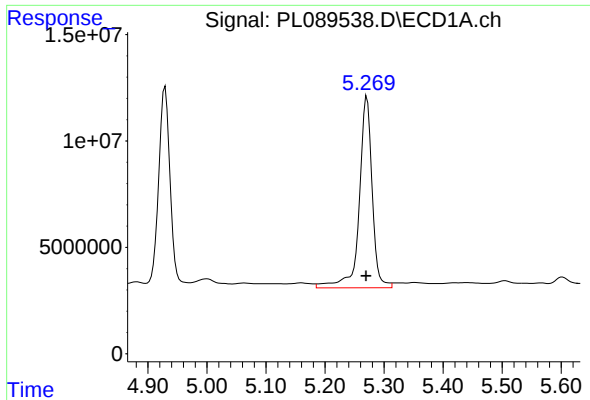
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: 0.002 min  
Response: 130275329  
Conc: 52.53 ng/ml



#4 Heptachlor

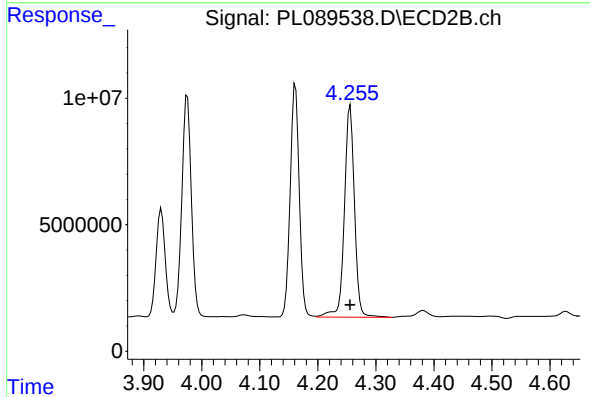
R.T.: 3.975 min  
Delta R.T.: 0.000 min  
Response: 99643583  
Conc: 56.86 ng/ml



#5 Aldrin

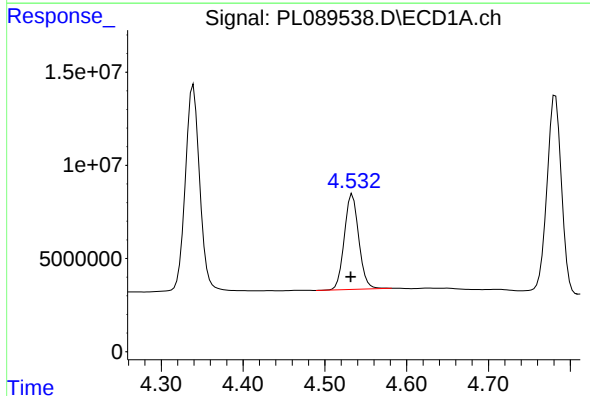
R.T.: 5.271 min  
Delta R.T.: 0.002 min  
Response: 137014553  
Conc: 53.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-MH-IIMSD



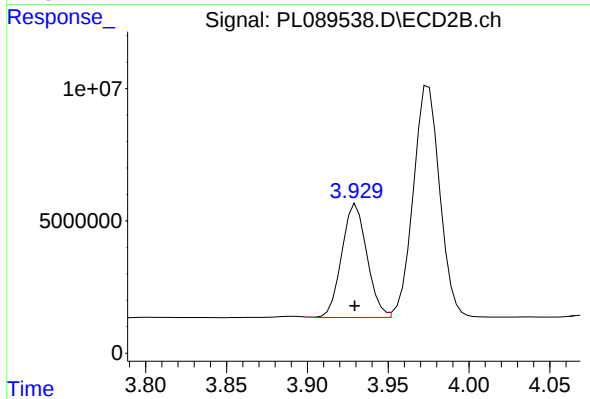
#5 Aldrin

R.T.: 4.256 min  
Delta R.T.: 0.000 min  
Response: 100953039  
Conc: 57.11 ng/ml



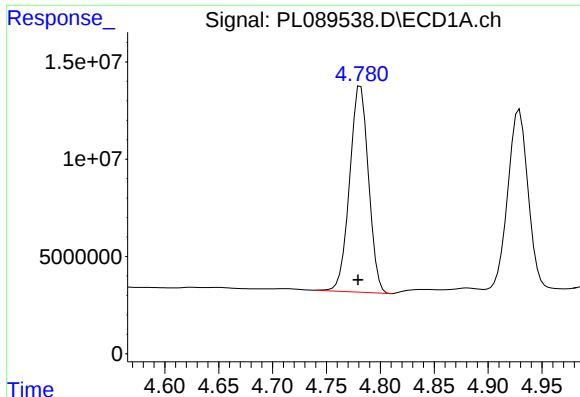
#6 beta-BHC

R.T.: 4.534 min  
Delta R.T.: 0.002 min  
Response: 62359573  
Conc: 49.43 ng/ml



#6 beta-BHC

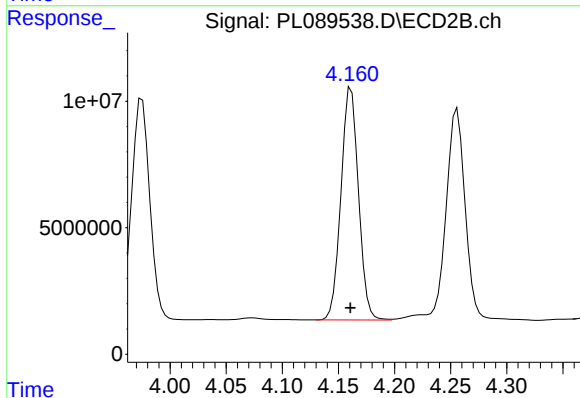
R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 46495342  
Conc: 56.95 ng/ml



#7 delta-BHC

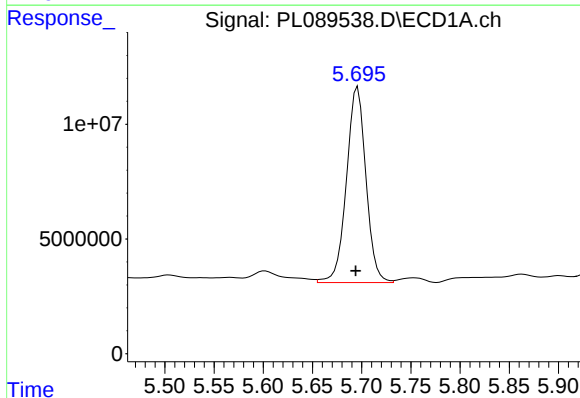
R.T.: 4.782 min  
Delta R.T.: 0.002 min  
Response: 129382293  
Conc: 48.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-MH-IIMSD



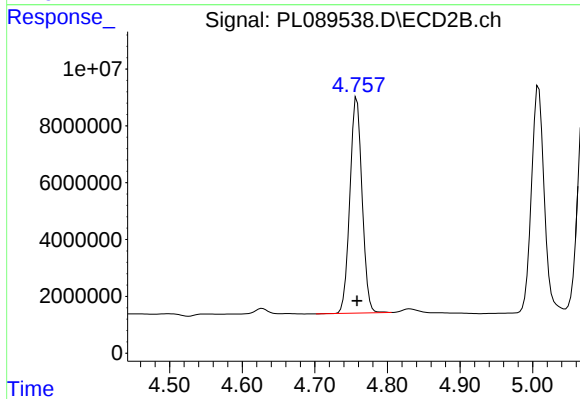
#7 delta-BHC

R.T.: 4.161 min  
Delta R.T.: 0.000 min  
Response: 99807152  
Conc: 55.47 ng/ml



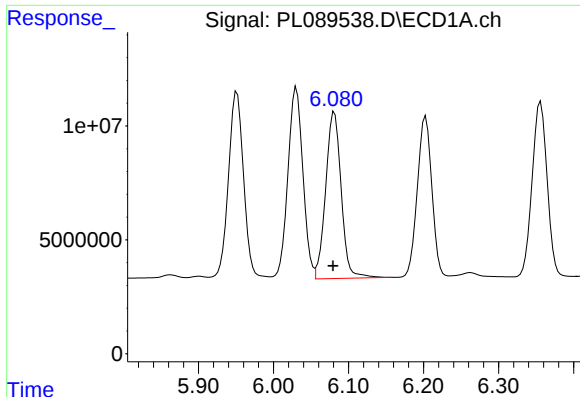
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: 0.002 min  
Response: 117352373  
Conc: 50.03 ng/ml



#8 Heptachlor epoxide

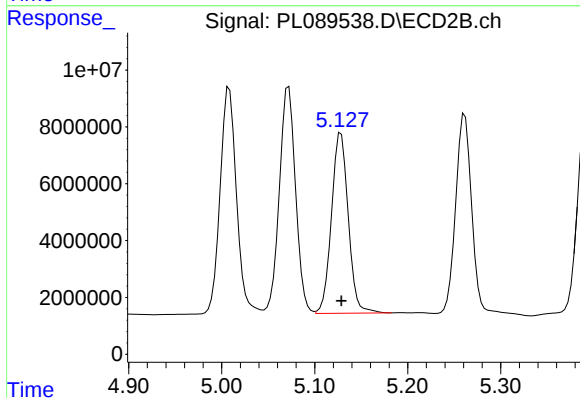
R.T.: 4.758 min  
Delta R.T.: 0.000 min  
Response: 88849974  
Conc: 54.96 ng/ml



#9 Endosulfan I

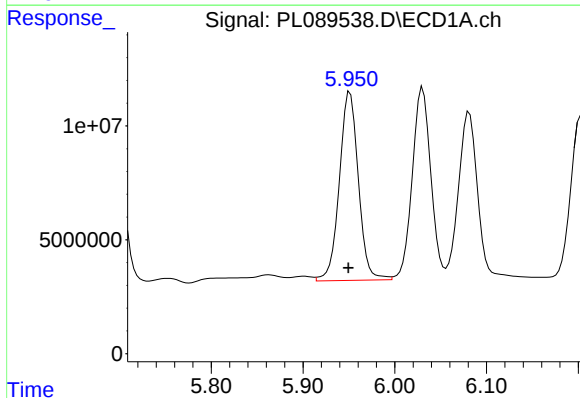
R.T.: 6.081 min  
Delta R.T.: 0.002 min  
Response: 105187731  
Conc: 48.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-MH-IIMSD



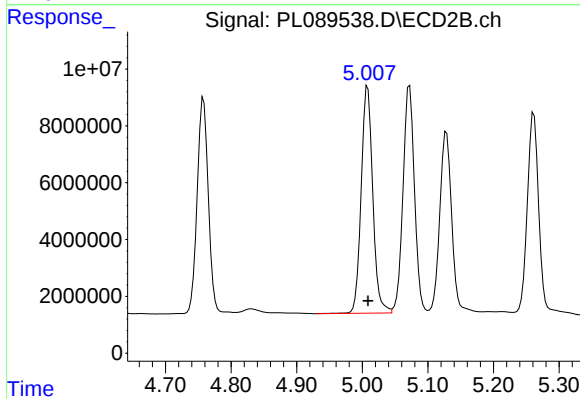
#9 Endosulfan I

R.T.: 5.128 min  
Delta R.T.: 0.000 min  
Response: 79741999  
Conc: 53.24 ng/ml



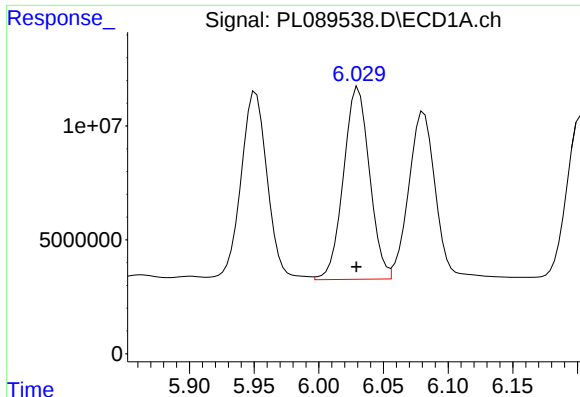
#10 gamma-Chlordane

R.T.: 5.951 min  
Delta R.T.: 0.002 min  
Response: 119249612  
Conc: 52.17 ng/ml



#10 gamma-Chlordane

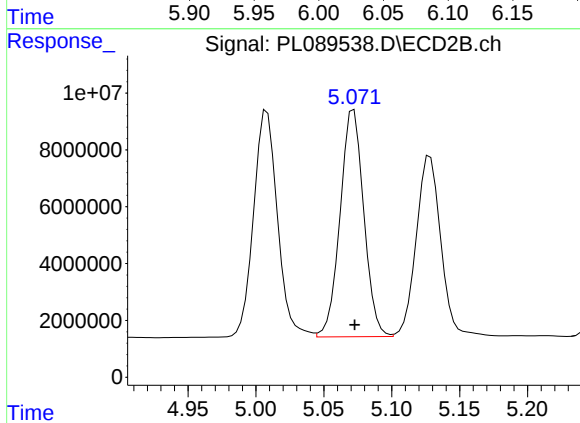
R.T.: 5.008 min  
Delta R.T.: 0.000 min  
Response: 98003035  
Conc: 59.72 ng/ml



#11 alpha-Chlordane

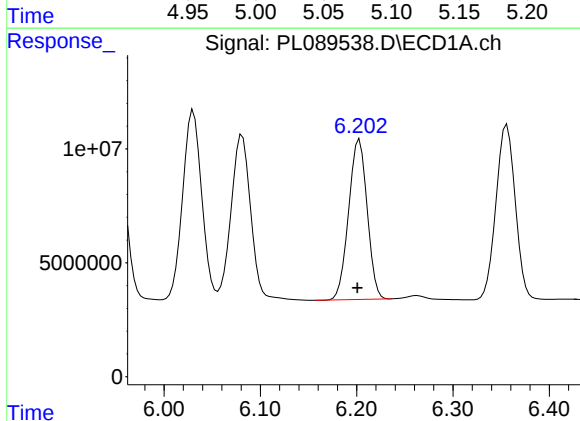
R.T.: 6.030 min  
Delta R.T.: 0.001 min  
Response: 118033616  
Conc: 51.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-MH-IIMSD



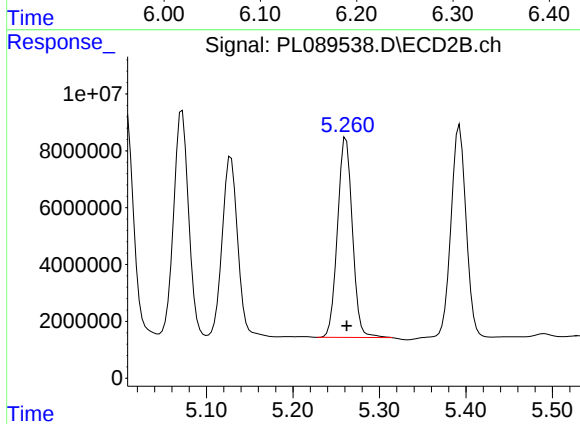
#11 alpha-Chlordane

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 97020469  
Conc: 58.83 ng/ml



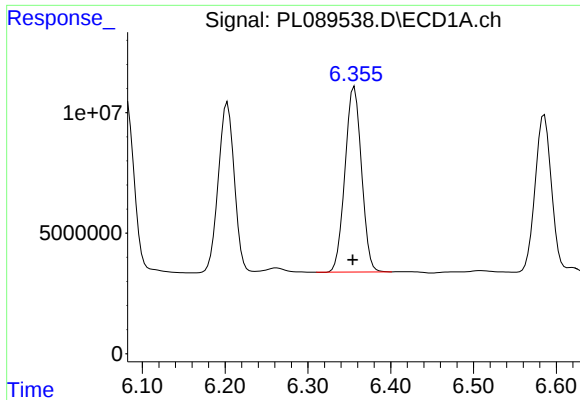
#12 4,4'-DDE

R.T.: 6.203 min  
Delta R.T.: 0.002 min  
Response: 93742388  
Conc: 46.33 ng/ml



#12 4,4'-DDE

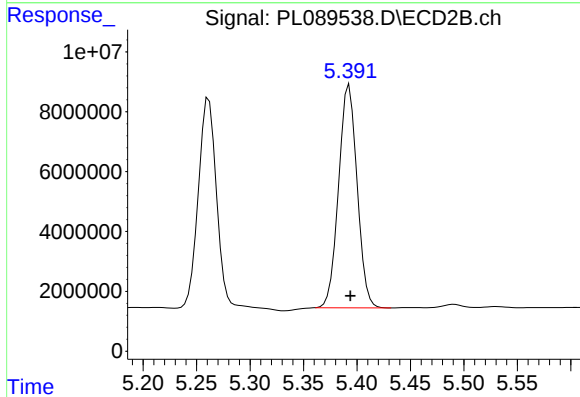
R.T.: 5.261 min  
Delta R.T.: 0.000 min  
Response: 83685334  
Conc: 57.56 ng/ml



#13 Dieldrin

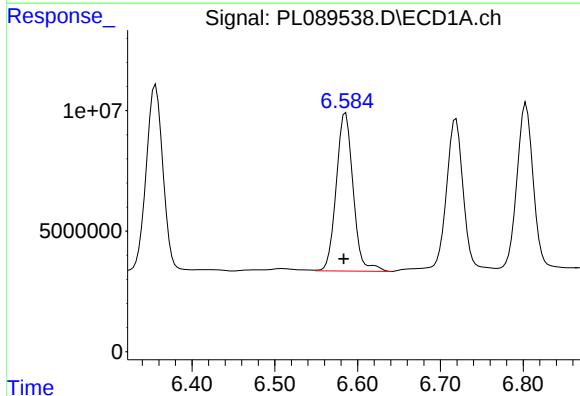
R.T.: 6.356 min  
Delta R.T.: 0.002 min  
Response: 106486938  
Conc: 47.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-MH-IIMSD



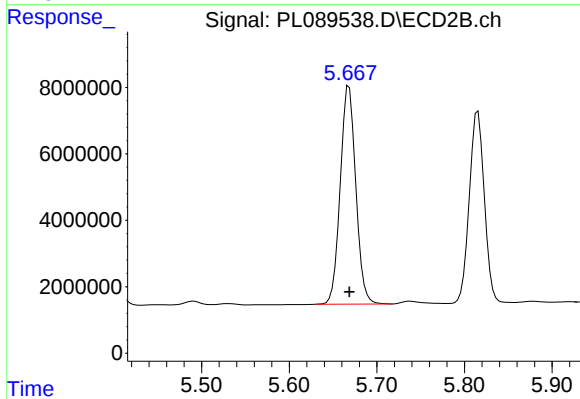
#13 Dieldrin

R.T.: 5.393 min  
Delta R.T.: 0.000 min  
Response: 89938162  
Conc: 55.91 ng/ml



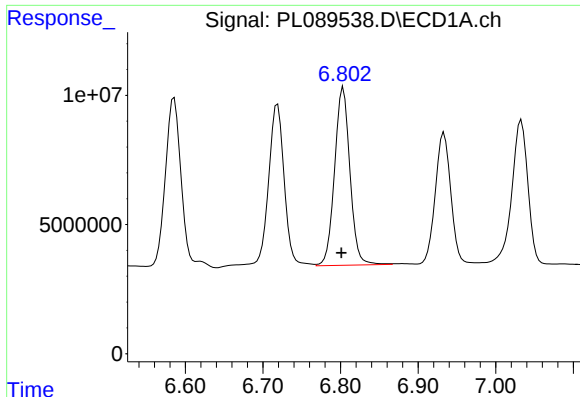
#14 Endrin

R.T.: 6.585 min  
Delta R.T.: 0.002 min  
Response: 93159746  
Conc: 49.18 ng/ml



#14 Endrin

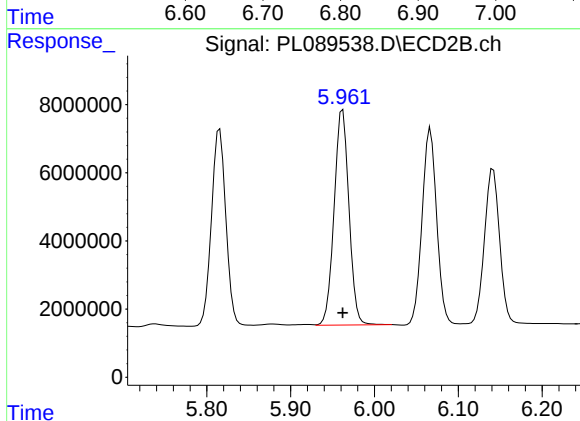
R.T.: 5.668 min  
Delta R.T.: 0.000 min  
Response: 81058460  
Conc: 56.38 ng/ml



#15 Endosulfan II

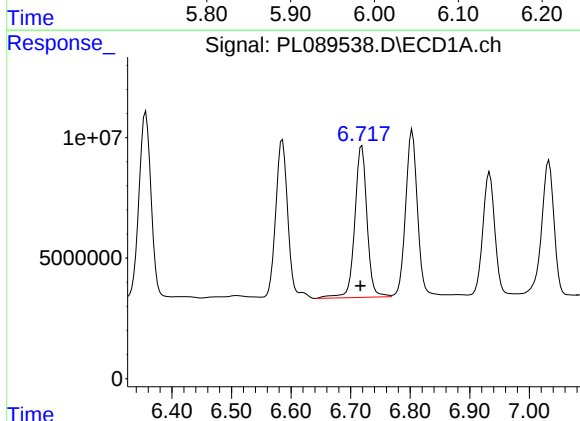
R.T.: 6.803 min  
Delta R.T.: 0.002 min  
Response: 94603581  
Conc: 47.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-MH-IIMSD



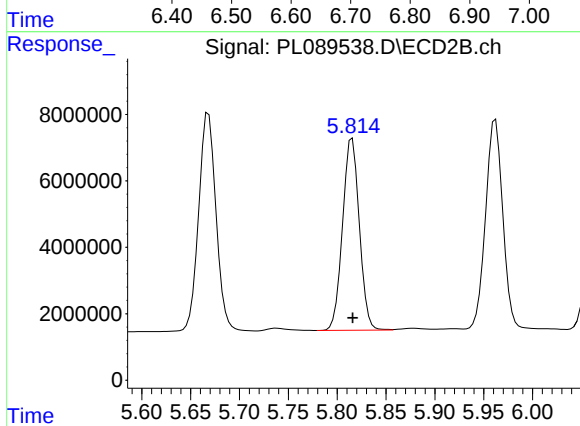
#15 Endosulfan II

R.T.: 5.962 min  
Delta R.T.: 0.000 min  
Response: 77532183  
Conc: 53.90 ng/ml



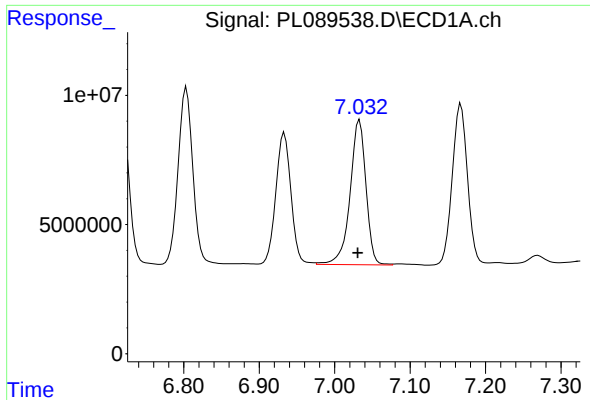
#16 4,4'-DDD

R.T.: 6.719 min  
Delta R.T.: 0.003 min  
Response: 90073701  
Conc: 53.39 ng/ml



#16 4,4'-DDD

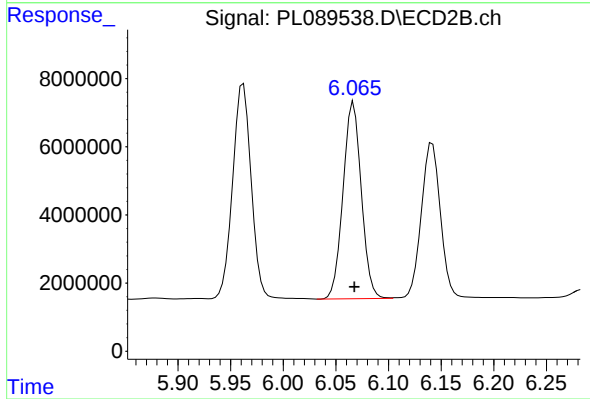
R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 69047163  
Conc: 55.99 ng/ml



#17 4,4'-DDT

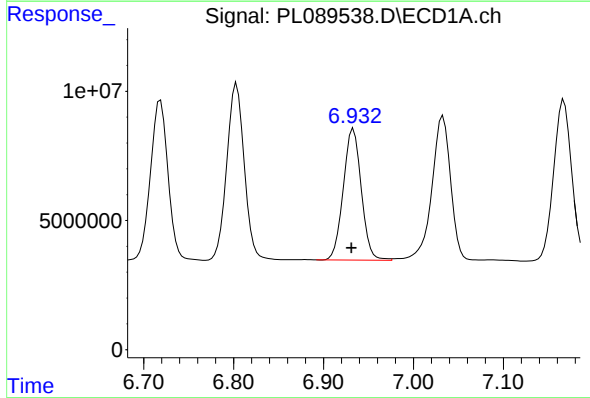
R.T.: 7.033 min  
Delta R.T.: 0.002 min  
Response: 82091135  
Conc: 44.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-MH-IIMSD



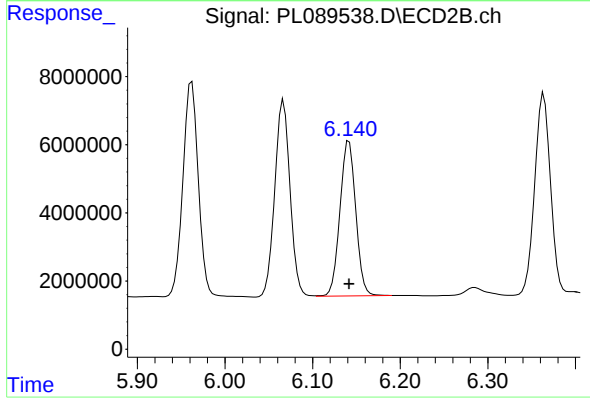
#17 4,4'-DDT

R.T.: 6.067 min  
Delta R.T.: 0.000 min  
Response: 70011424  
Conc: 51.75 ng/ml



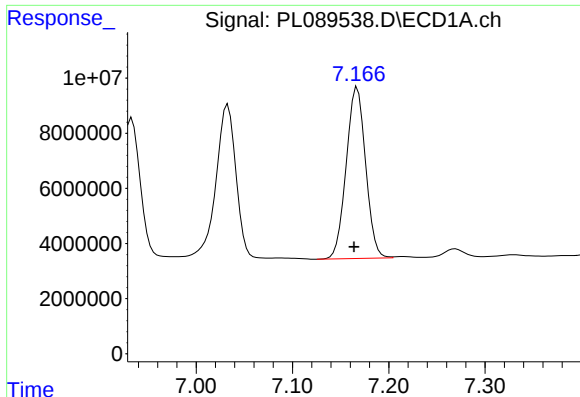
#18 Endrin aldehyde

R.T.: 6.933 min  
Delta R.T.: 0.002 min  
Response: 70677102  
Conc: 46.74 ng/ml



#18 Endrin aldehyde

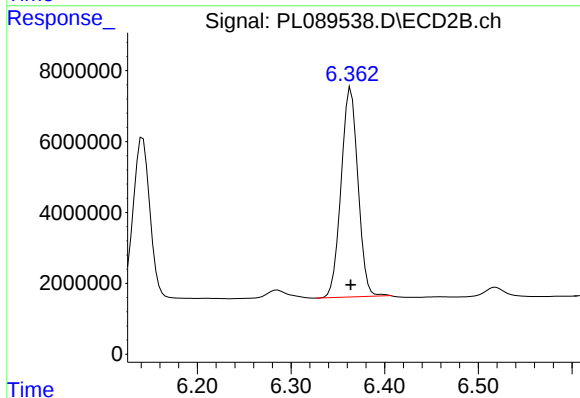
R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 57186053  
Conc: 51.41 ng/ml



#19 Endosulfan Sulfate

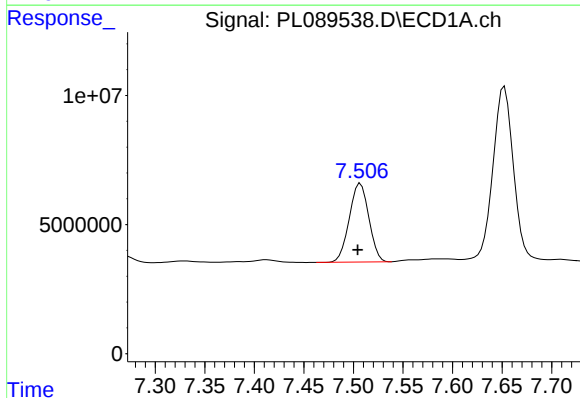
R.T.: 7.167 min  
Delta R.T.: 0.003 min  
Response: 86858252  
Conc: 48.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-MH-IIMSD



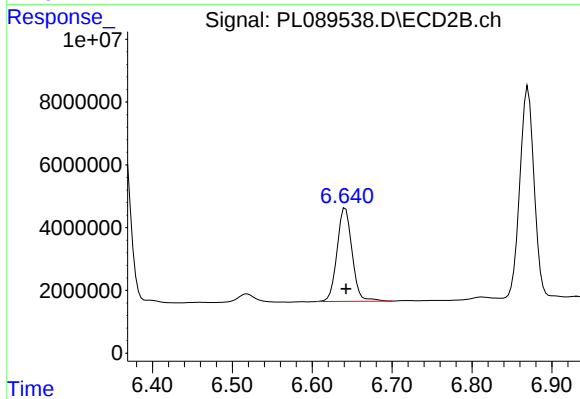
#19 Endosulfan Sulfate

R.T.: 6.364 min  
Delta R.T.: 0.000 min  
Response: 73972972  
Conc: 53.33 ng/ml



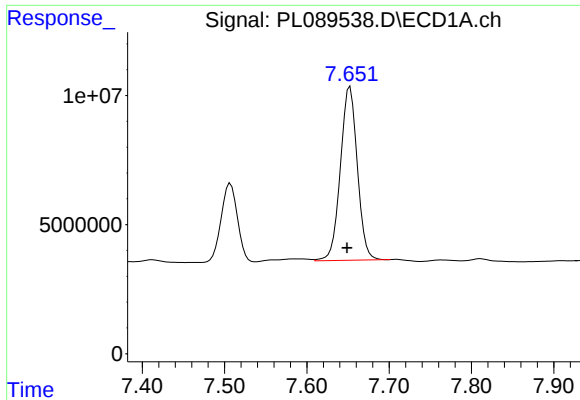
#20 Methoxychlor

R.T.: 7.507 min  
Delta R.T.: 0.003 min  
Response: 41880498  
Conc: 42.59 ng/ml



#20 Methoxychlor

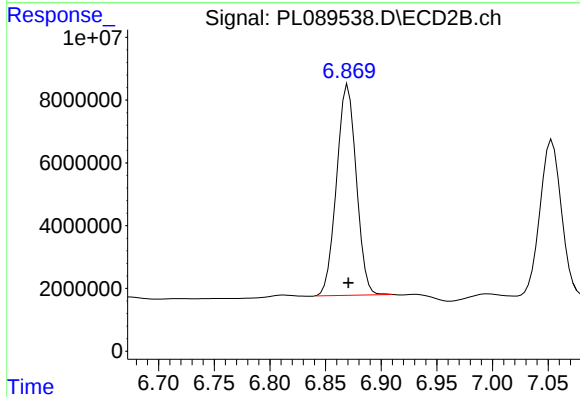
R.T.: 6.642 min  
Delta R.T.: 0.000 min  
Response: 38944981  
Conc: 48.71 ng/ml



#21 Endrin ketone

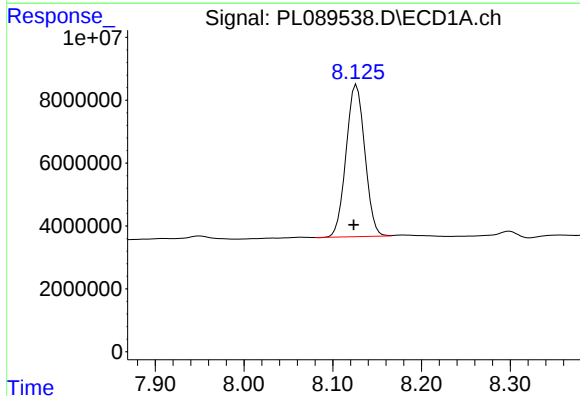
R.T.: 7.652 min  
Delta R.T.: 0.004 min  
Response: 96314865  
Conc: 48.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-MH-IIMSD



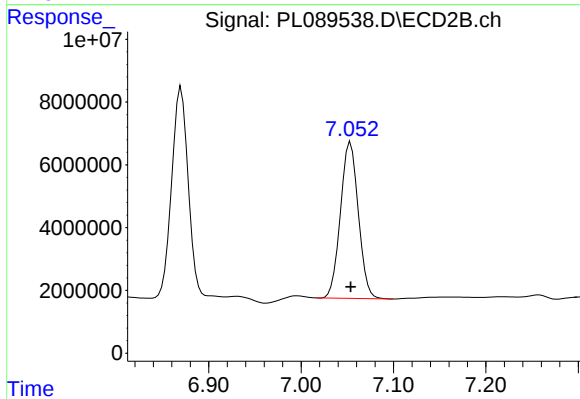
#21 Endrin ketone

R.T.: 6.870 min  
Delta R.T.: 0.000 min  
Response: 82755670  
Conc: 51.75 ng/ml



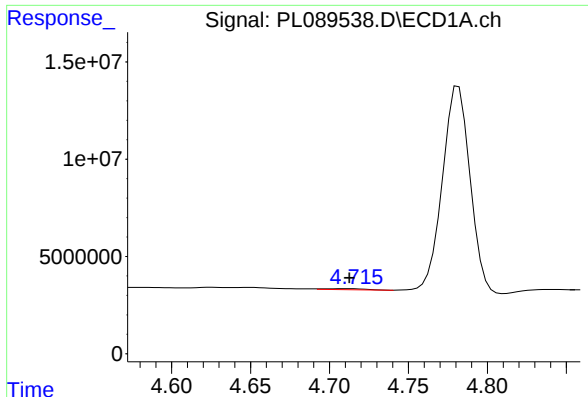
#22 Mirex

R.T.: 8.127 min  
Delta R.T.: 0.003 min  
Response: 70925254  
Conc: 45.64 ng/ml



#22 Mirex

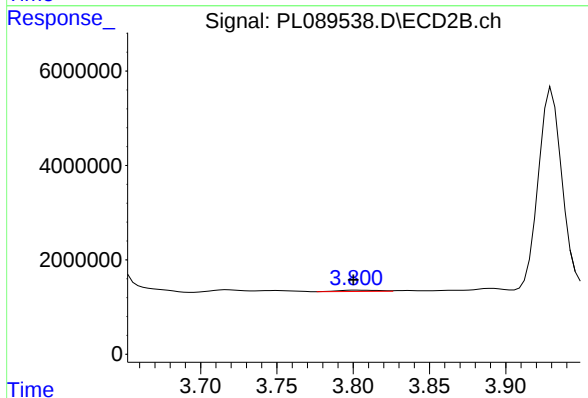
R.T.: 7.053 min  
Delta R.T.: 0.000 min  
Response: 66994770  
Conc: 49.11 ng/ml



#23 Chlordane-1

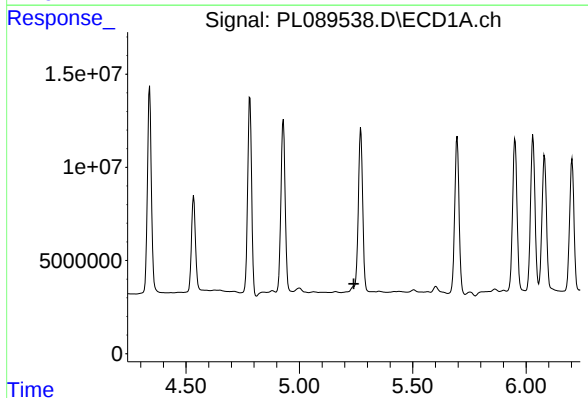
R.T.: 4.712 min  
Delta R.T.: 0.000 min  
Response: 813009  
Conc: 8.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-MH-IIMSD



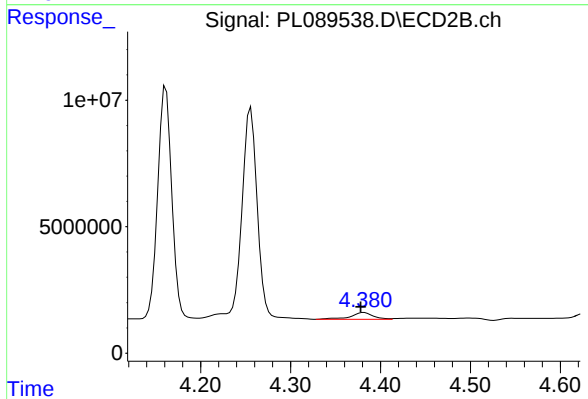
#23 Chlordane-1

R.T.: 3.802 min  
Delta R.T.: 0.002 min  
Response: 496526  
Conc: 10.09 ng/ml



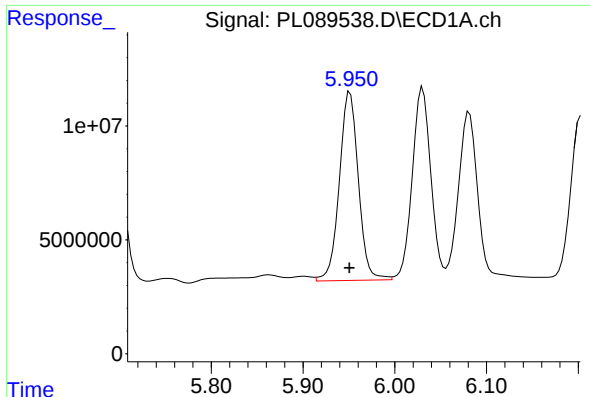
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.240 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

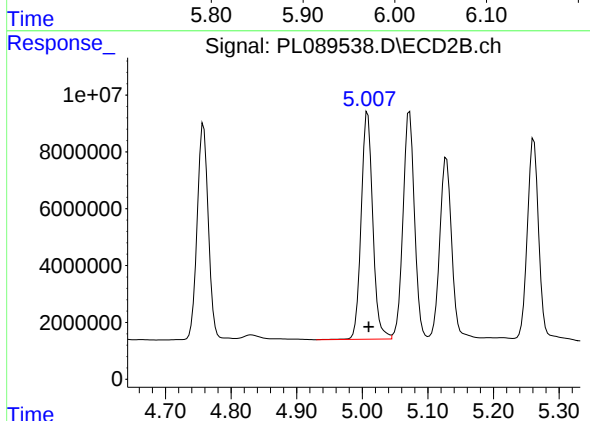
R.T.: 4.382 min  
Delta R.T.: 0.003 min  
Response: 4693161  
Conc: 73.77 ng/ml



#25 Chlordane-3

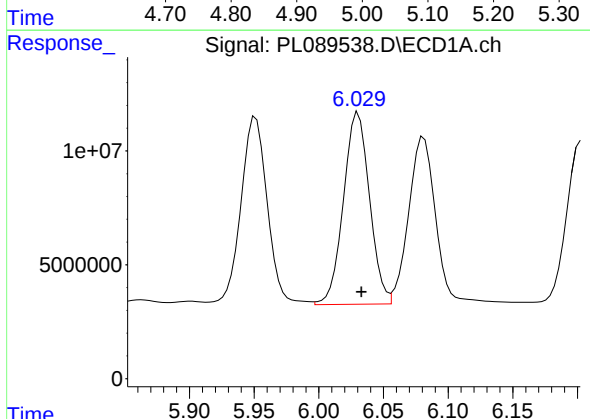
R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 119249612  
Conc: 361.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-MH-IIMSD



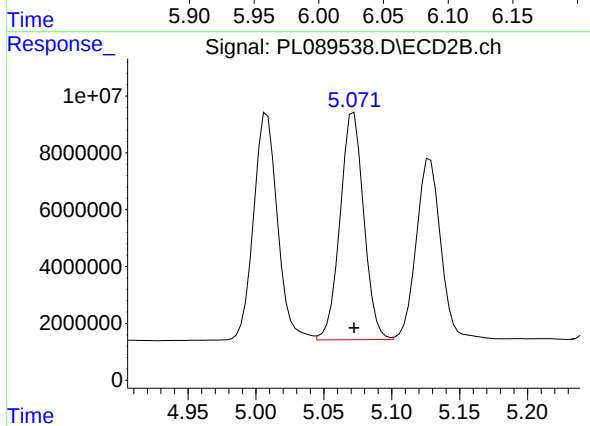
#25 Chlordane-3

R.T.: 5.008 min  
Delta R.T.: -0.001 min  
Response: 98003035  
Conc: 572.38 ng/ml



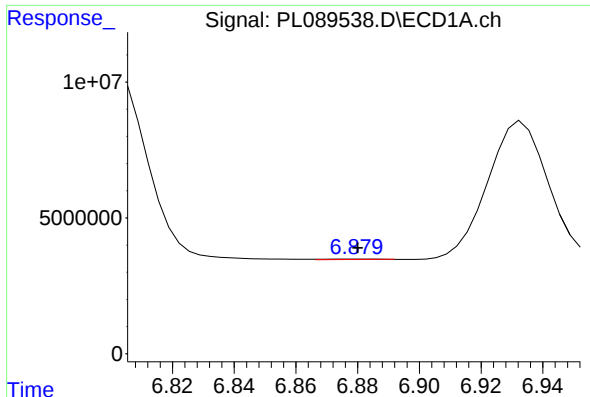
#26 Chlordane-4

R.T.: 6.030 min  
Delta R.T.: -0.003 min  
Response: 118033616  
Conc: 289.56 ng/ml



#26 Chlordane-4

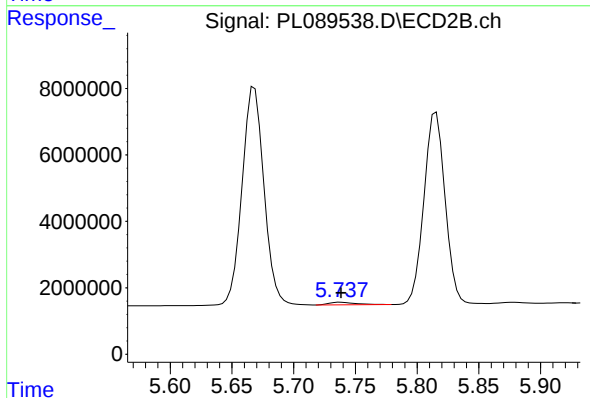
R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 97020469  
Conc: 603.19 ng/ml



#27 Chlordane-5

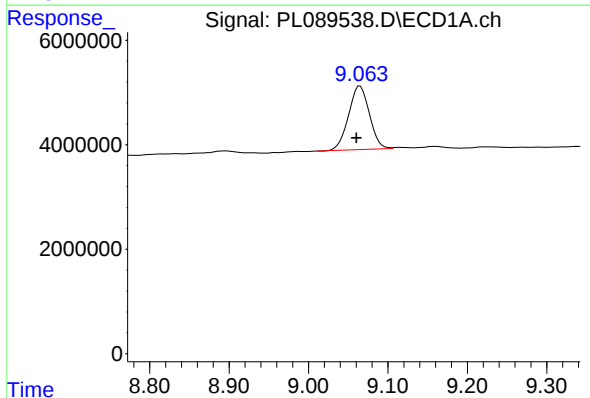
R.T.: 6.880 min  
Delta R.T.: 0.000 min  
Response: 276356  
Conc: 3.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-MH-IIMSD



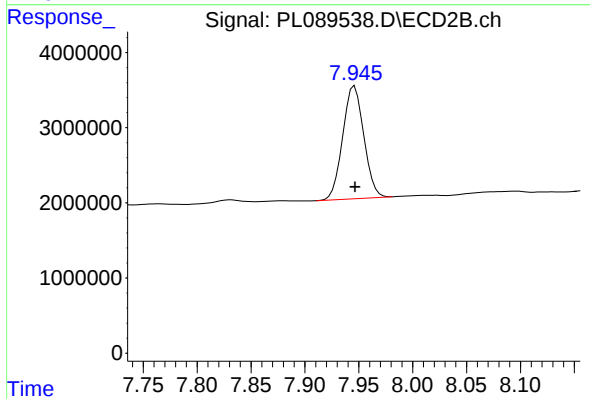
#27 Chlordane-5

R.T.: 5.738 min  
Delta R.T.: 0.000 min  
Response: 1127294  
Conc: 22.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min  
Delta R.T.: 0.005 min  
Response: 22154731  
Conc: 15.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.946 min  
Delta R.T.: 0.000 min  
Response: 20448923  
Conc: 15.20 ng/ml