

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120822\  
 Data File : PL079623.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Dec 2022 12:28  
 Operator : AR\AJ  
 Sample : PB149480BS  
 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: Dec 08 20:16:02 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112322.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 24 00:09:49 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... | 3.319  | 2.566 | 46326450 | 56985385 | 20.507   | 20.935    |
| 28)                         | SA Decachlor... | 8.768  | 7.633 | 42509249 | 51776839 | 21.888   | 22.039    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.780  | 3.052 | 168.2E6  | 209.8E6  | 48.915   | 48.644    |
| 3)                          | MA gamma-BHC... | 4.113  | 3.373 | 157.3E6  | 190.0E6  | 48.539   | 48.787    |
| 4)                          | MA Heptachlor   | 4.683  | 3.700 | 160.3E6  | 186.6E6  | 48.646   | 48.508    |
| 5)                          | MB Aldrin       | 5.021  | 3.971 | 156.6E6  | 187.8E6  | 50.418   | 50.589    |
| 6)                          | B beta-BHC      | 4.329  | 3.674 | 66003168 | 70127470 | 46.746   | 46.283    |
| 7)                          | B delta-BHC     | 4.569  | 3.893 | 144.0E6  | 191.0E6  | 51.908   | 49.637    |
| 8)                          | B Heptachlo...  | 5.455  | 4.468 | 143.1E6  | 167.3E6  | 50.111   | 49.562    |
| 9)                          | A Endosulfan I  | 5.839  | 4.830 | 130.6E6  | 156.6E6  | 49.116   | 48.948    |
| 10)                         | B gamma-Chl...  | 5.710  | 4.715 | 144.2E6  | 167.6E6  | 50.398   | 49.533    |
| 11)                         | B alpha-Chl...  | 5.787  | 4.777 | 142.6E6  | 164.4E6  | 49.493   | 49.073    |
| 12)                         | B 4,4'-DDE      | 5.971  | 4.972 | 127.1E6  | 157.1E6  | 50.870   | 51.235    |
| 13)                         | MA Dieldrin     | 6.116  | 5.092 | 139.8E6  | 172.1E6  | 50.982   | 51.039    |
| 14)                         | MA Endrin       | 6.347  | 5.363 | 119.8E6  | 151.7E6  | 49.514   | 50.149    |
| 15)                         | B Endosulfa...  | 6.577  | 5.659 | 118.4E6  | 145.0E6  | 52.428   | 51.835    |
| 16)                         | A 4,4'-DDD      | 6.495  | 5.523 | 105.8E6  | 132.4E6  | 53.332   | 52.944    |
| 17)                         | MA 4,4'-DDT     | 6.805  | 5.769 | 106.6E6  | 126.5E6  | 46.985   | 48.388    |
| 18)                         | B Endrin al...  | 6.709  | 5.838 | 99193103 | 115.0E6  | 54.768   | 54.008    |
| 19)                         | B Endosulfa...  | 6.941  | 6.061 | 118.1E6  | 139.9E6  | 50.942   | 49.573    |
| 20)                         | A Methoxychlor  | 7.289  | 6.346 | 58058744 | 65835193 | 48.126   | 48.438    |
| 21)                         | B Endrin ke...  | 7.428  | 6.557 | 125.9E6  | 157.1E6  | 51.032   | 51.009    |
| 22)                         | Mirex           | 7.884  | 6.728 | 95422346 | 116.1E6  | 50.378   | 49.078    |
| 24)                         | Chlordane-2     | 5.021f | 0.000 | 156.6E6  | 0        | 1485.819 | N.D. #    |
| 25)                         | Chlordane-3     | 5.710  | 4.715 | 144.2E6  | 167.6E6  | 347.272  | 501.431 # |
| 26)                         | Chlordane-4     | 5.787  | 4.777 | 142.6E6  | 164.4E6  | 280.307  | 453.560 # |
| 27)                         | Chlordane-5     | 0.000  | 5.449 | 0        | 87766    | N.D.     | 0.976 #   |
| -----                       |                 |        |       |          |          |          |           |

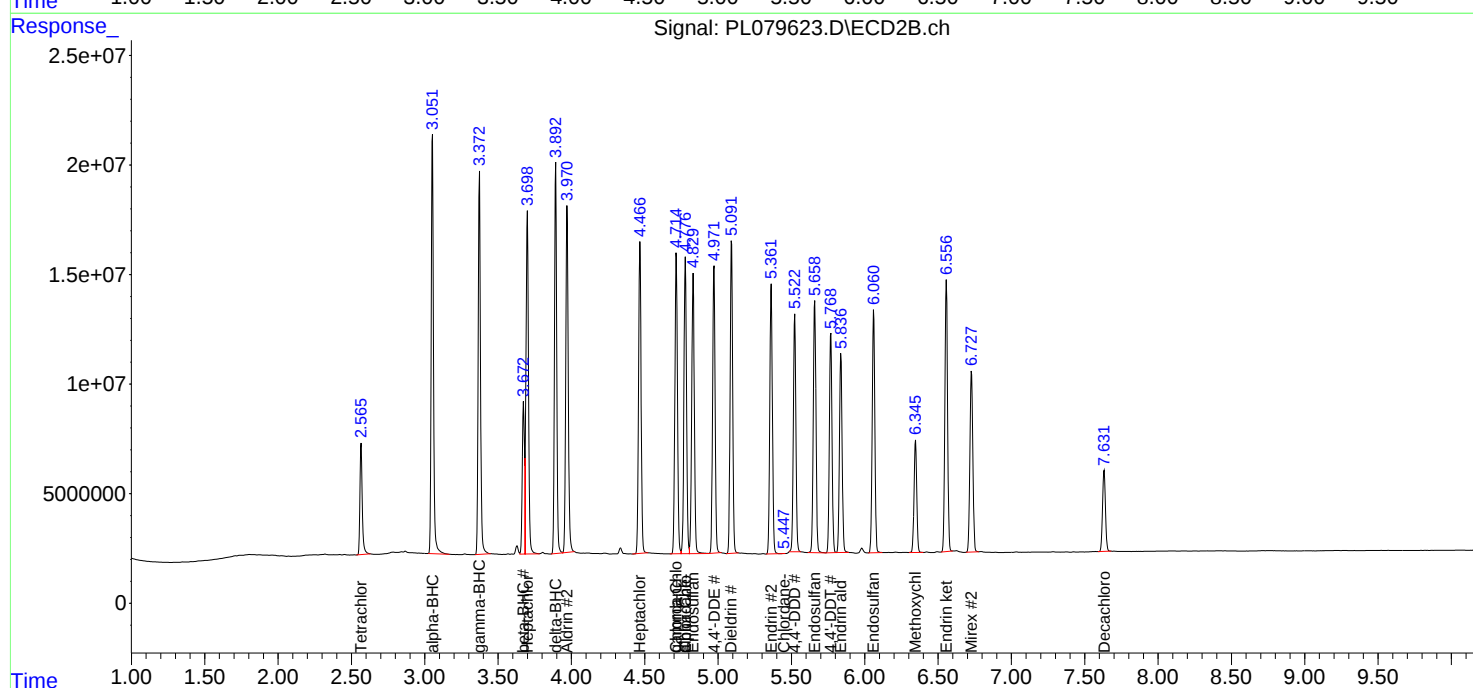
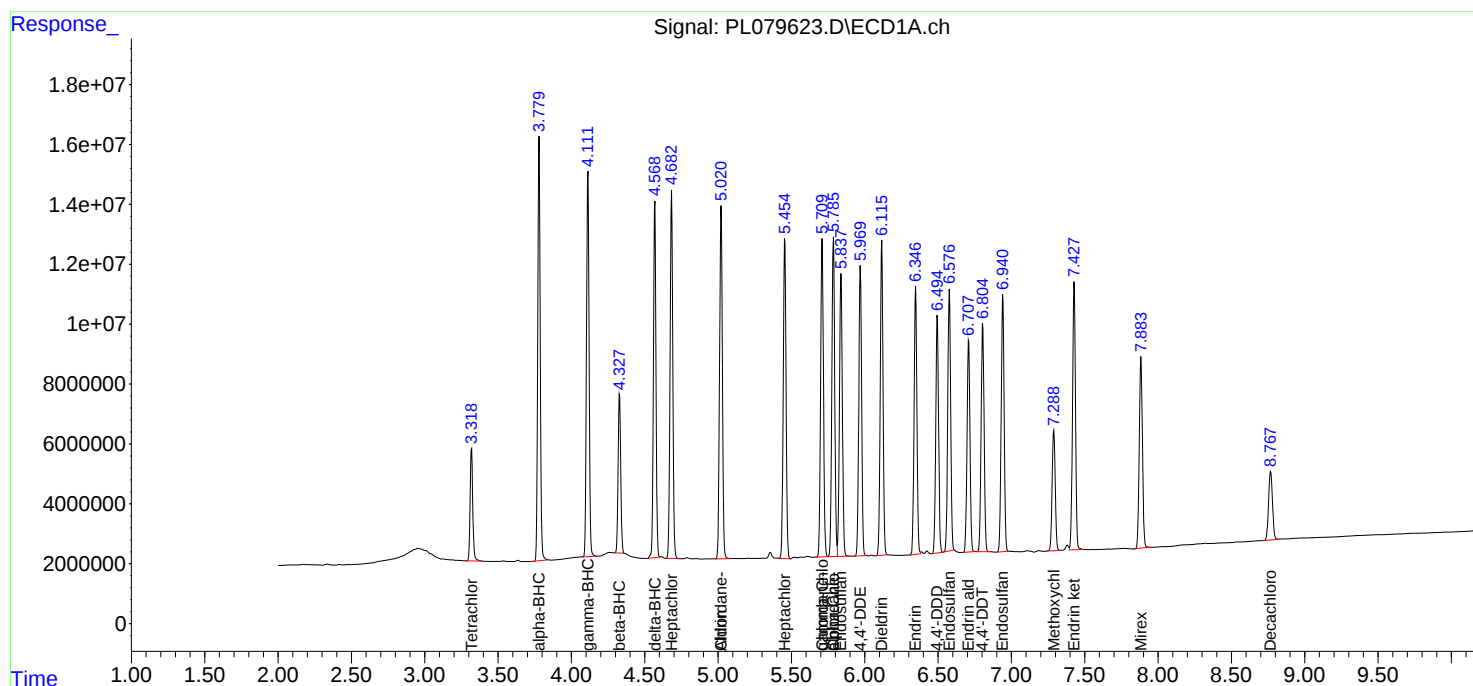
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

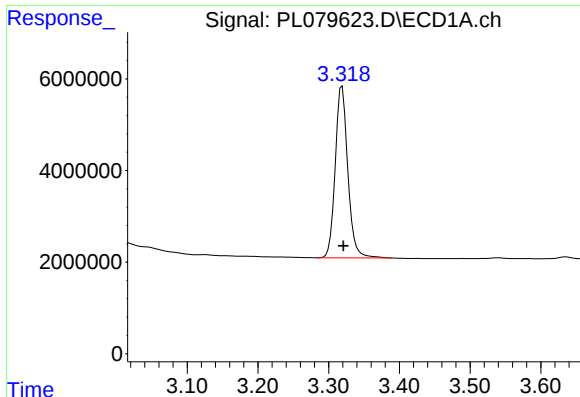
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120822\  
Data File : PL079623.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Dec 2022 12:28  
Operator : AR\AJ  
Sample : PB149480BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 08 20:16:02 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112322.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 24 00:09:49 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

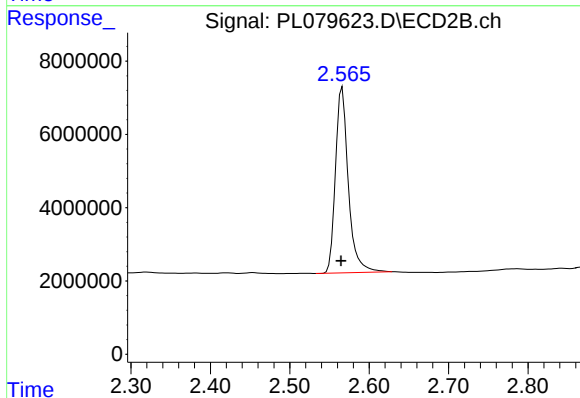




#1 Tetrachloro-m-xylene

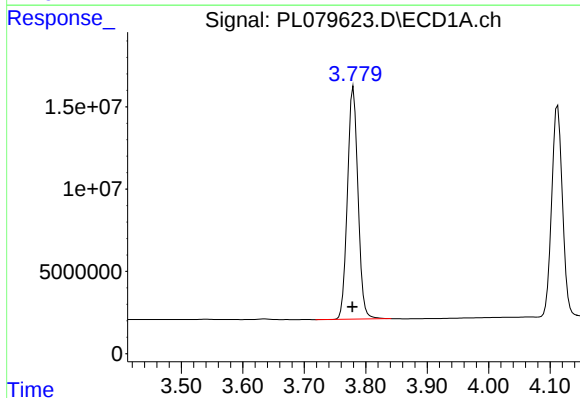
R.T.: 3.319 min  
Delta R.T.: -0.002 min  
Response: 46326450  
Conc: 20.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



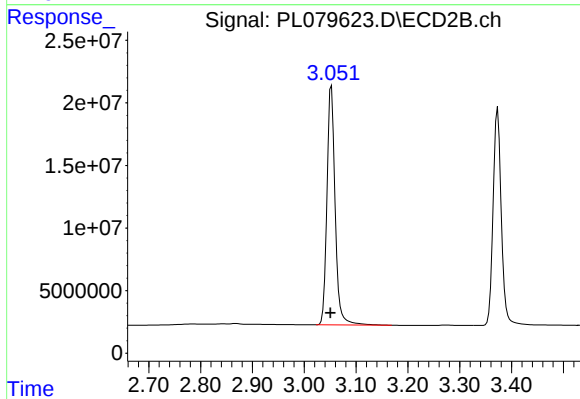
#1 Tetrachloro-m-xylene

R.T.: 2.566 min  
Delta R.T.: 0.002 min  
Response: 56985385  
Conc: 20.93 ng/ml



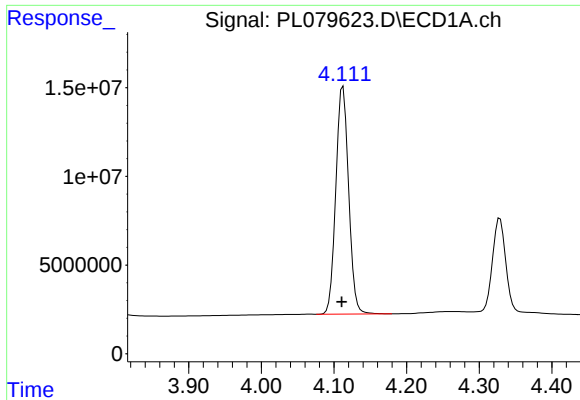
#2 alpha-BHC

R.T.: 3.780 min  
Delta R.T.: 0.002 min  
Response: 168207546  
Conc: 48.92 ng/ml



#2 alpha-BHC

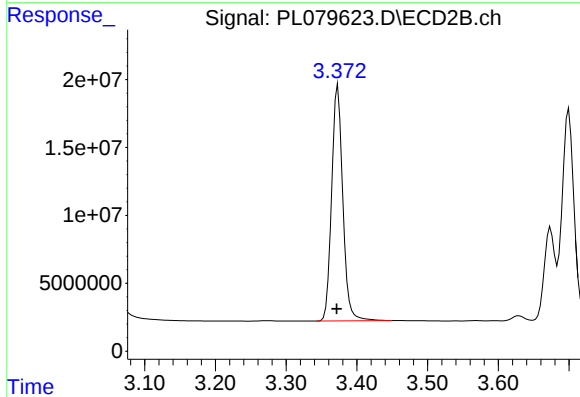
R.T.: 3.052 min  
Delta R.T.: 0.002 min  
Response: 209754931  
Conc: 48.64 ng/ml



#3 gamma-BHC (Lindane)

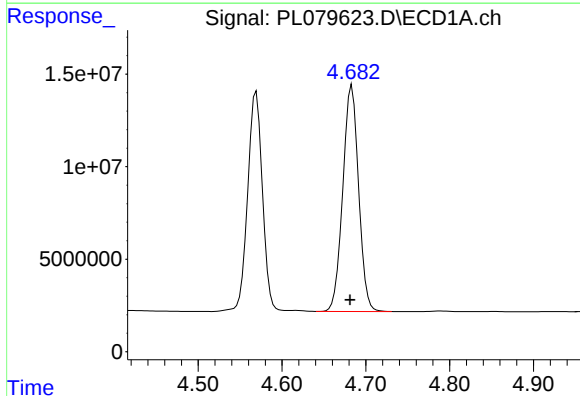
R.T.: 4.113 min  
Delta R.T.: 0.002 min  
Response: 157305765  
Conc: 48.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



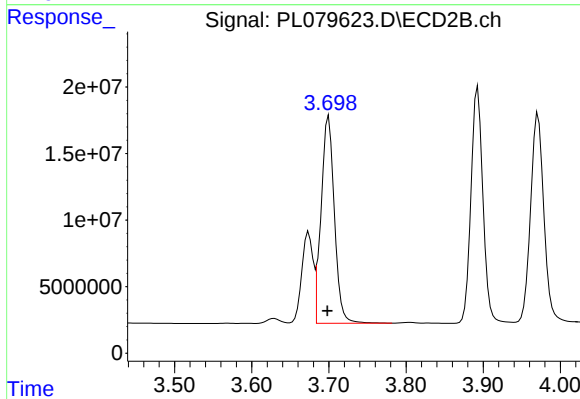
#3 gamma-BHC (Lindane)

R.T.: 3.373 min  
Delta R.T.: 0.002 min  
Response: 189960066  
Conc: 48.79 ng/ml



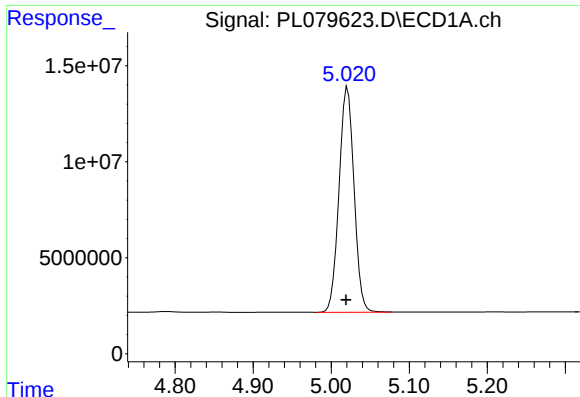
#4 Heptachlor

R.T.: 4.683 min  
Delta R.T.: 0.002 min  
Response: 160300620  
Conc: 48.65 ng/ml



#4 Heptachlor

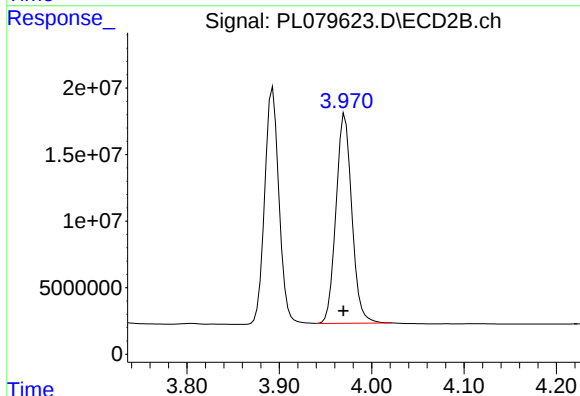
R.T.: 3.700 min  
Delta R.T.: 0.002 min  
Response: 186646387  
Conc: 48.51 ng/ml



#5 Aldrin

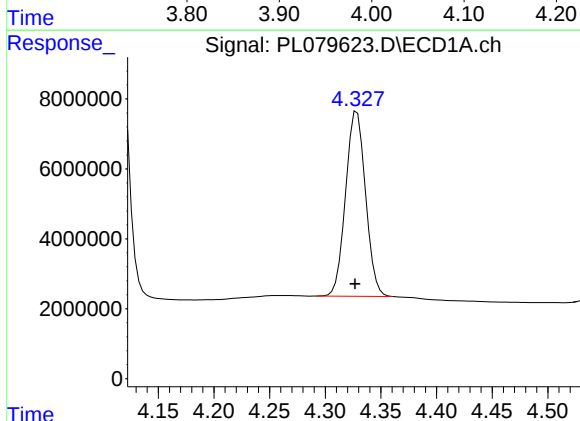
R.T.: 5.021 min  
Delta R.T.: 0.002 min  
Response: 156565033  
Conc: 50.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



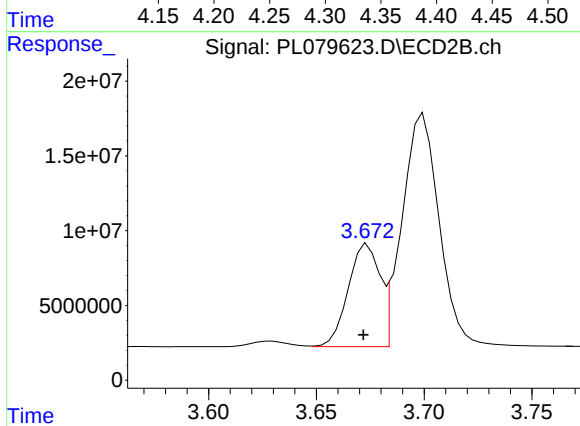
#5 Aldrin

R.T.: 3.971 min  
Delta R.T.: 0.002 min  
Response: 187830804  
Conc: 50.59 ng/ml



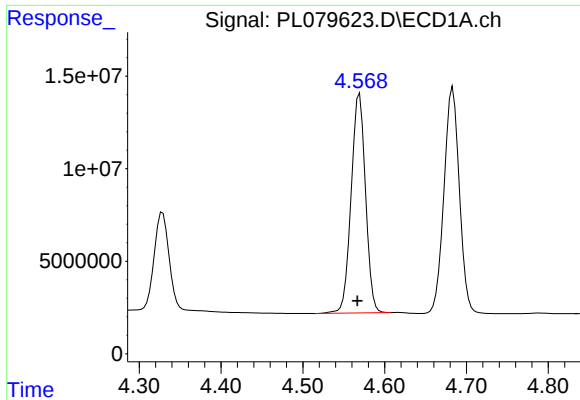
#6 beta-BHC

R.T.: 4.329 min  
Delta R.T.: 0.002 min  
Response: 66003168  
Conc: 46.75 ng/ml



#6 beta-BHC

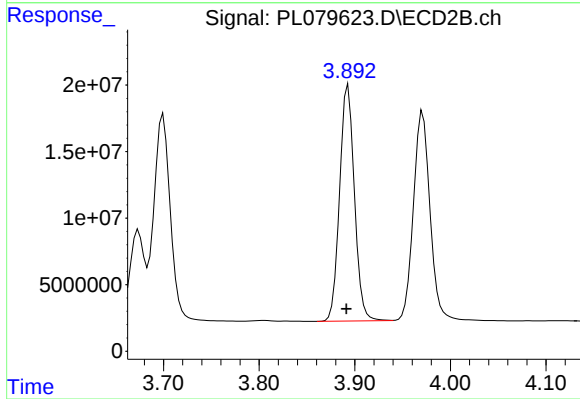
R.T.: 3.674 min  
Delta R.T.: 0.002 min  
Response: 70127470  
Conc: 46.28 ng/ml



#7 delta-BHC

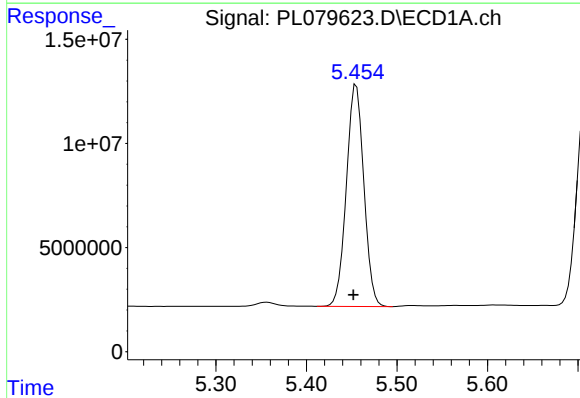
R.T.: 4.569 min  
Delta R.T.: 0.003 min  
Response: 144011661  
Conc: 51.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



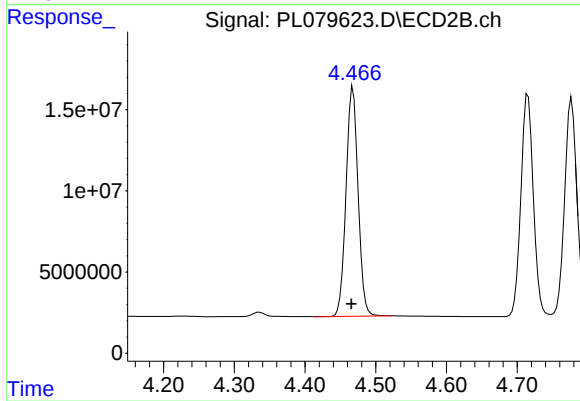
#7 delta-BHC

R.T.: 3.893 min  
Delta R.T.: 0.002 min  
Response: 190962911  
Conc: 49.64 ng/ml



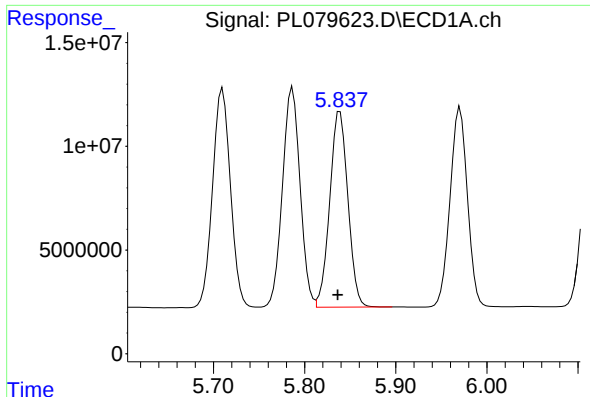
#8 Heptachlor epoxide

R.T.: 5.455 min  
Delta R.T.: 0.003 min  
Response: 143065007  
Conc: 50.11 ng/ml



#8 Heptachlor epoxide

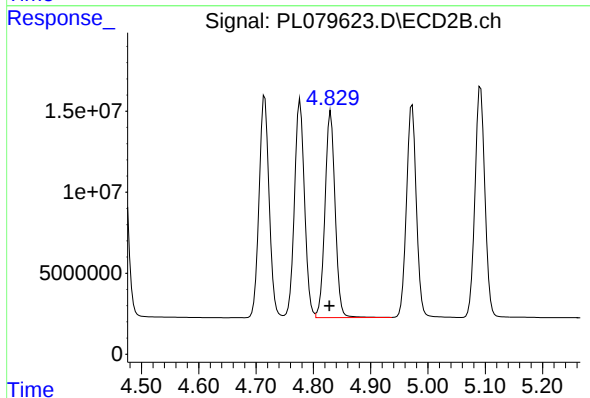
R.T.: 4.468 min  
Delta R.T.: 0.002 min  
Response: 167289455  
Conc: 49.56 ng/ml



#9 Endosulfan I

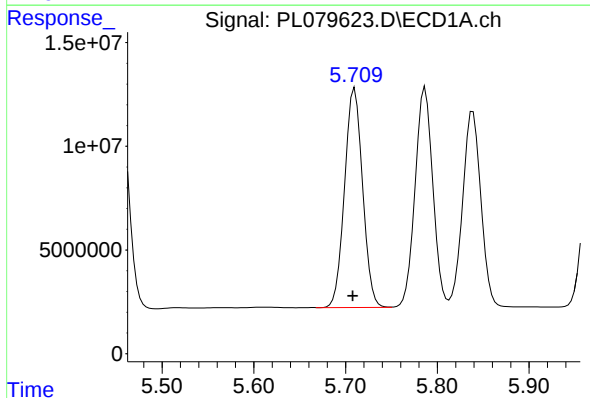
R.T.: 5.839 min  
Delta R.T.: 0.002 min  
Response: 130584885  
Conc: 49.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



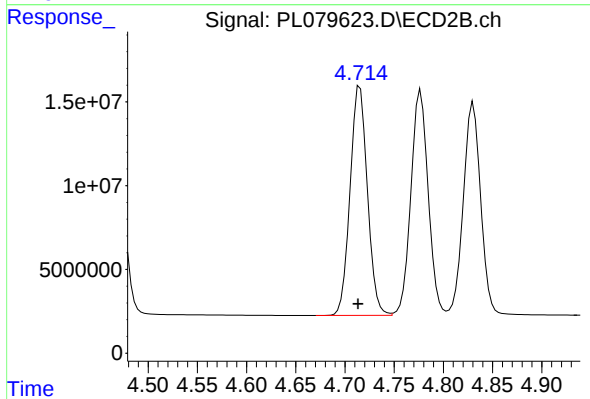
#9 Endosulfan I

R.T.: 4.830 min  
Delta R.T.: 0.002 min  
Response: 156622392  
Conc: 48.95 ng/ml



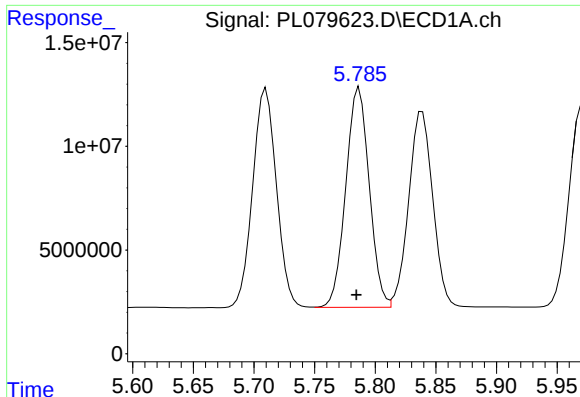
#10 gamma-Chlordane

R.T.: 5.710 min  
Delta R.T.: 0.002 min  
Response: 144197470  
Conc: 50.40 ng/ml



#10 gamma-Chlordane

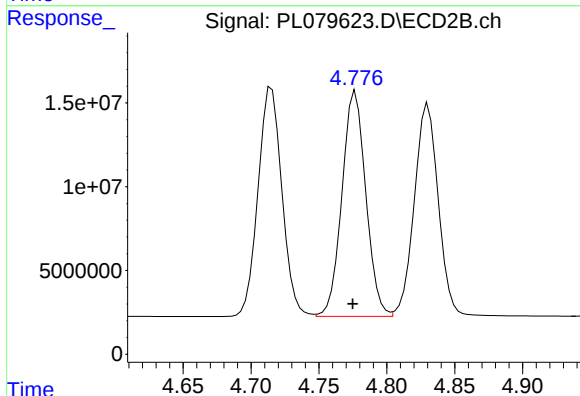
R.T.: 4.715 min  
Delta R.T.: 0.002 min  
Response: 167630431  
Conc: 49.53 ng/ml



#11 alpha-Chlordane

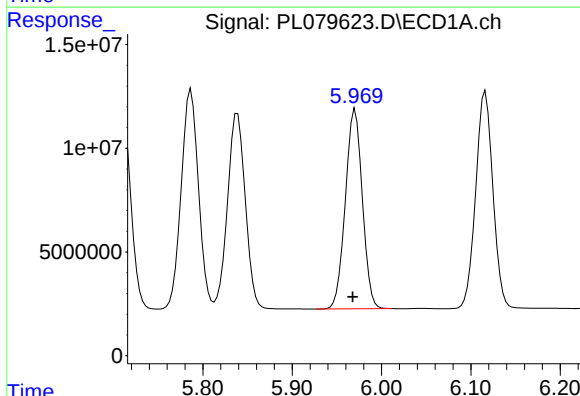
R.T.: 5.787 min  
Delta R.T.: 0.002 min  
Response: 142618339  
Conc: 49.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



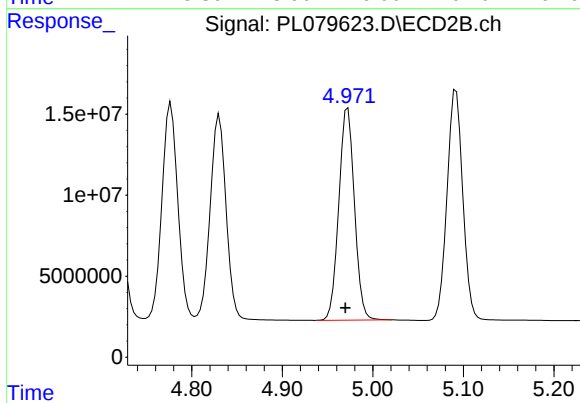
#11 alpha-Chlordane

R.T.: 4.777 min  
Delta R.T.: 0.002 min  
Response: 164353602  
Conc: 49.07 ng/ml



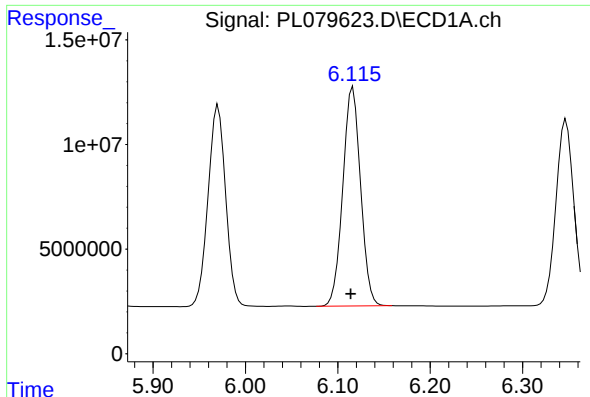
#12 4,4'-DDE

R.T.: 5.971 min  
Delta R.T.: 0.003 min  
Response: 127091195  
Conc: 50.87 ng/ml



#12 4,4'-DDE

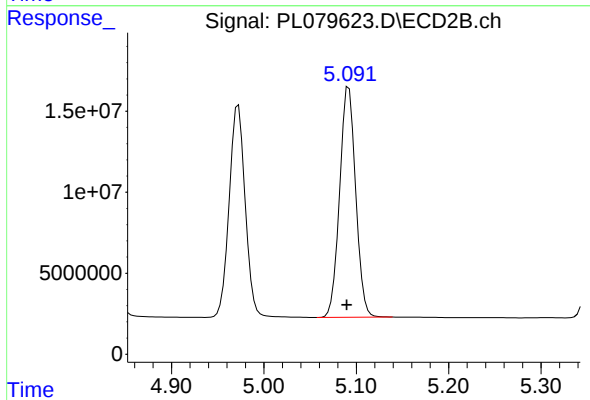
R.T.: 4.972 min  
Delta R.T.: 0.002 min  
Response: 157092705  
Conc: 51.23 ng/ml



#13 Dieldrin

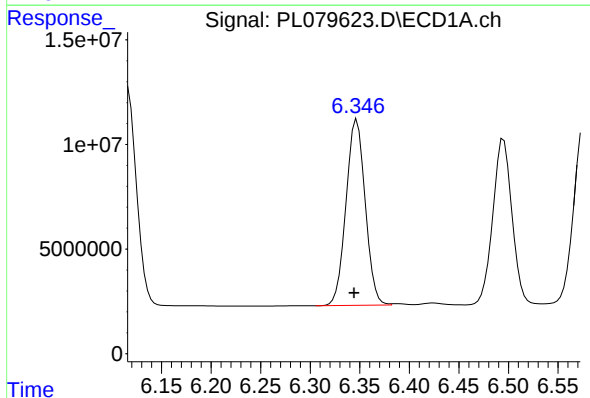
R.T.: 6.116 min  
Delta R.T.: 0.002 min  
Response: 139837085  
Conc: 50.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



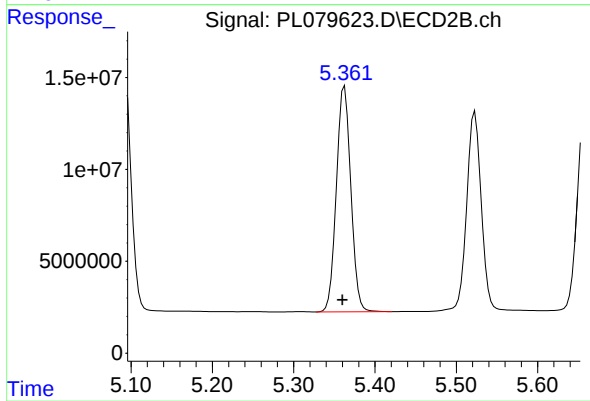
#13 Dieldrin

R.T.: 5.092 min  
Delta R.T.: 0.002 min  
Response: 172061824  
Conc: 51.04 ng/ml



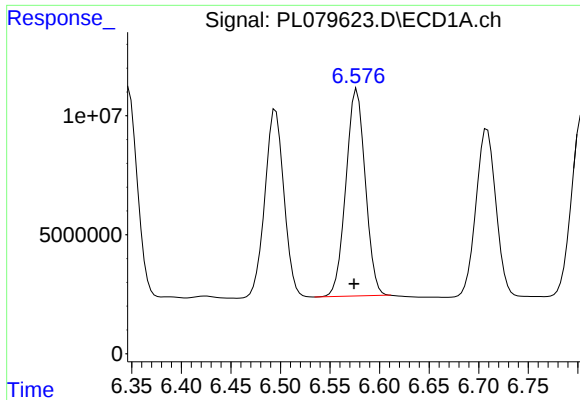
#14 Endrin

R.T.: 6.347 min  
Delta R.T.: 0.003 min  
Response: 119783080  
Conc: 49.51 ng/ml



#14 Endrin

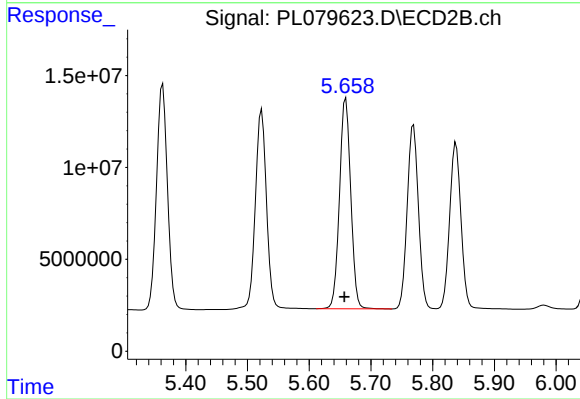
R.T.: 5.363 min  
Delta R.T.: 0.003 min  
Response: 151685995  
Conc: 50.15 ng/ml



#15 Endosulfan II

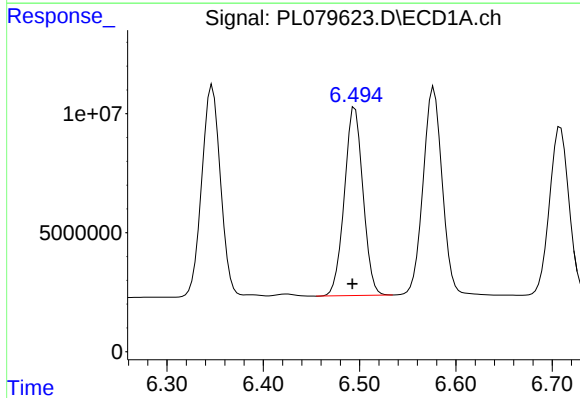
R.T.: 6.577 min  
Delta R.T.: 0.003 min  
Response: 118353094  
Conc: 52.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



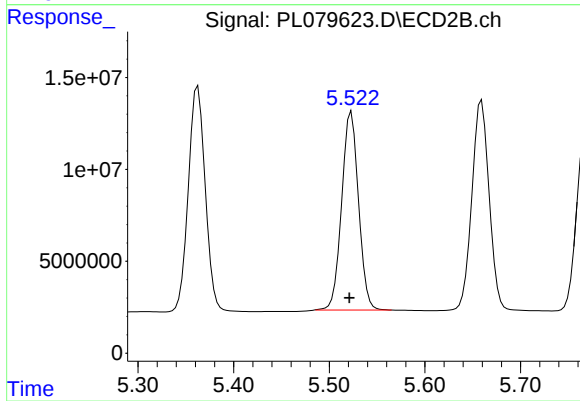
#15 Endosulfan II

R.T.: 5.659 min  
Delta R.T.: 0.003 min  
Response: 145045995  
Conc: 51.84 ng/ml



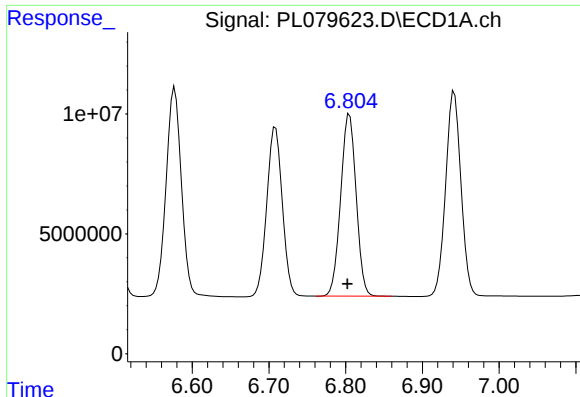
#16 4,4'-DDD

R.T.: 6.495 min  
Delta R.T.: 0.003 min  
Response: 105812395  
Conc: 53.33 ng/ml



#16 4,4'-DDD

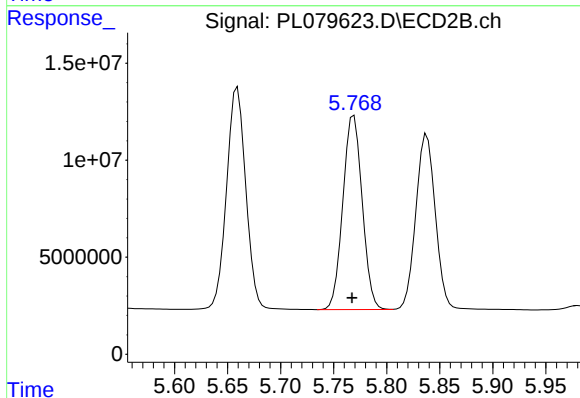
R.T.: 5.523 min  
Delta R.T.: 0.002 min  
Response: 132438387  
Conc: 52.94 ng/ml



#17 4,4'-DDT

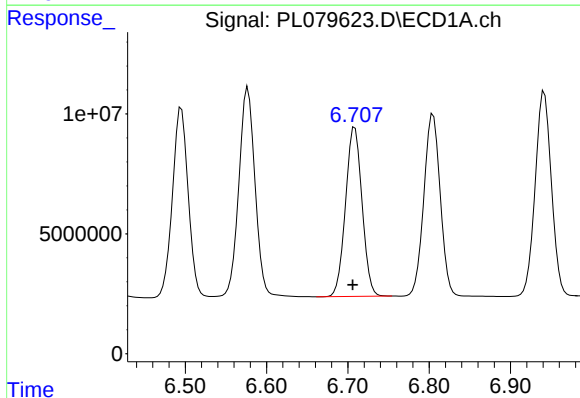
R.T.: 6.805 min  
Delta R.T.: 0.003 min  
Response: 106579360  
Conc: 46.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



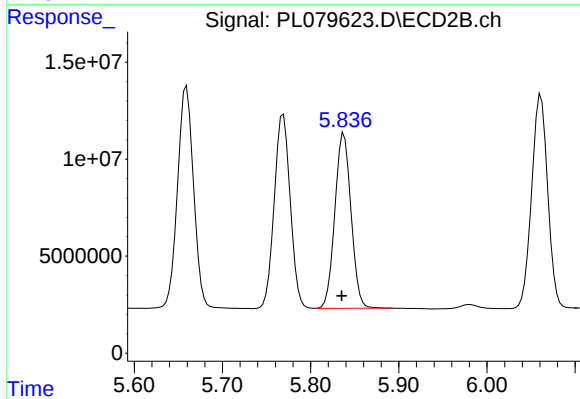
#17 4,4'-DDT

R.T.: 5.769 min  
Delta R.T.: 0.002 min  
Response: 126466012  
Conc: 48.39 ng/ml



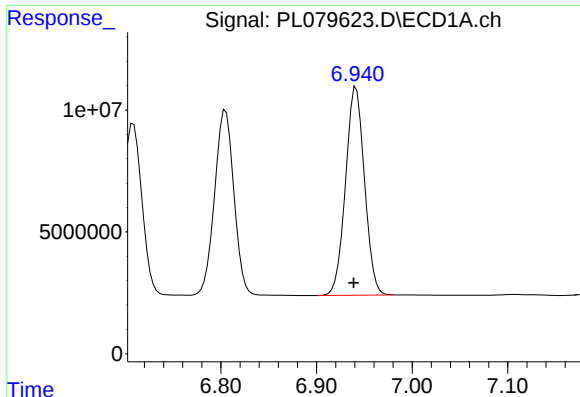
#18 Endrin aldehyde

R.T.: 6.709 min  
Delta R.T.: 0.003 min  
Response: 99193103  
Conc: 54.77 ng/ml



#18 Endrin aldehyde

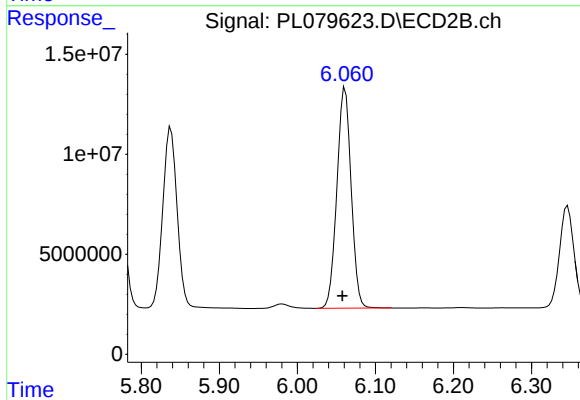
R.T.: 5.838 min  
Delta R.T.: 0.002 min  
Response: 114952373  
Conc: 54.01 ng/ml



#19 Endosulfan Sulfate

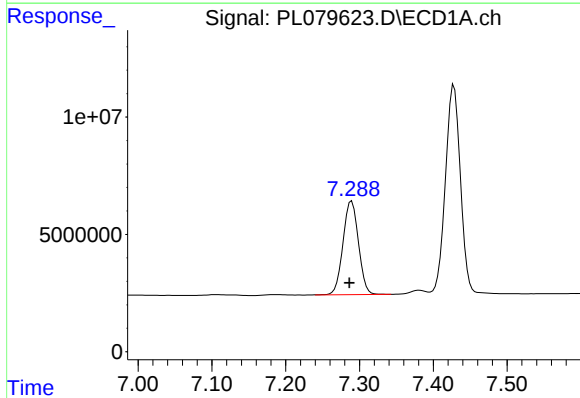
R.T.: 6.941 min  
Delta R.T.: 0.002 min  
Response: 118129461  
Conc: 50.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



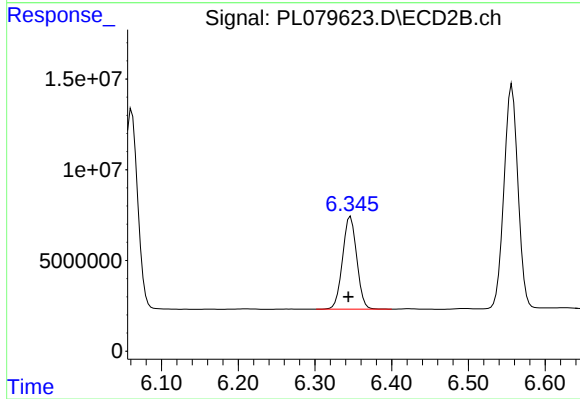
#19 Endosulfan Sulfate

R.T.: 6.061 min  
Delta R.T.: 0.003 min  
Response: 139879511  
Conc: 49.57 ng/ml



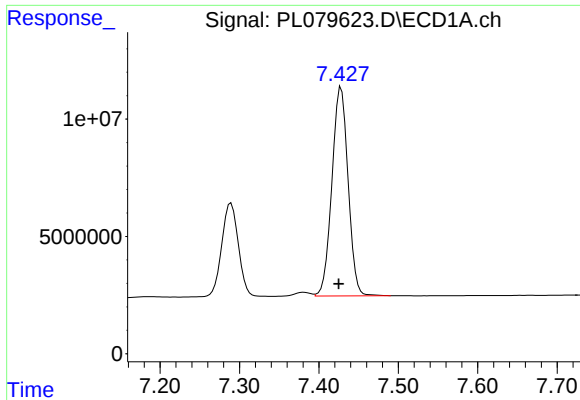
#20 Methoxychlor

R.T.: 7.289 min  
Delta R.T.: 0.003 min  
Response: 58058744  
Conc: 48.13 ng/ml



#20 Methoxychlor

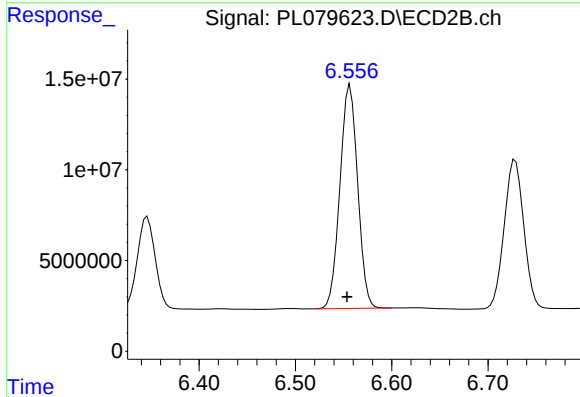
R.T.: 6.346 min  
Delta R.T.: 0.003 min  
Response: 65835193  
Conc: 48.44 ng/ml



#21 Endrin ketone

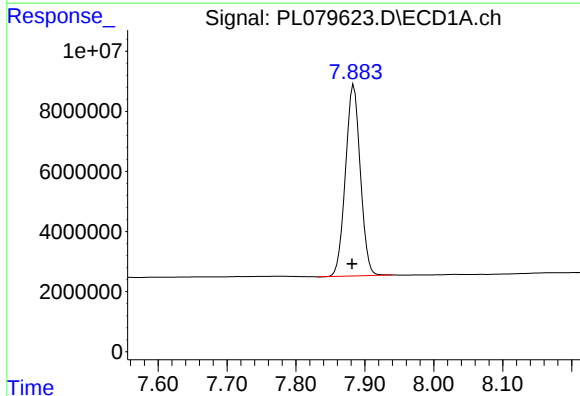
R.T.: 7.428 min  
Delta R.T.: 0.003 min  
Response: 125909562  
Conc: 51.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



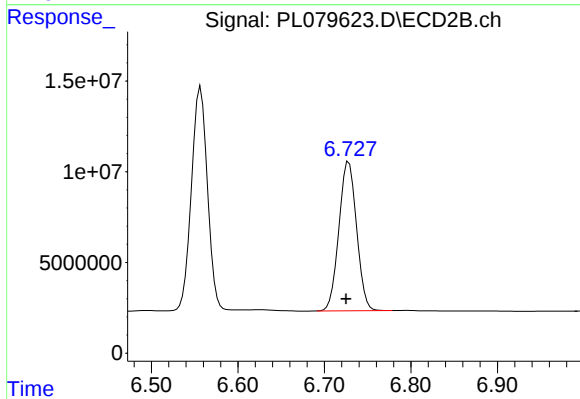
#21 Endrin ketone

R.T.: 6.557 min  
Delta R.T.: 0.003 min  
Response: 157102352  
Conc: 51.01 ng/ml



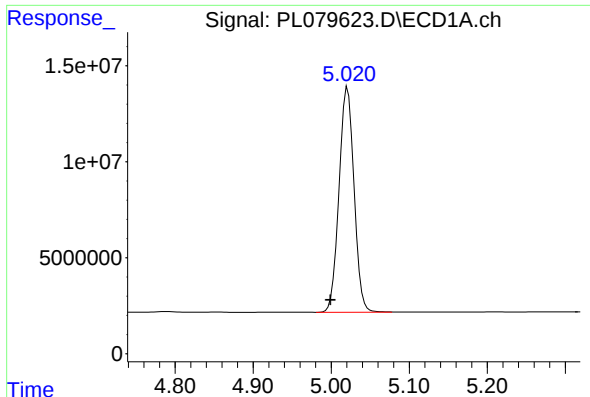
#22 Mirex

R.T.: 7.884 min  
Delta R.T.: 0.002 min  
Response: 95422346  
Conc: 50.38 ng/ml



#22 Mirex

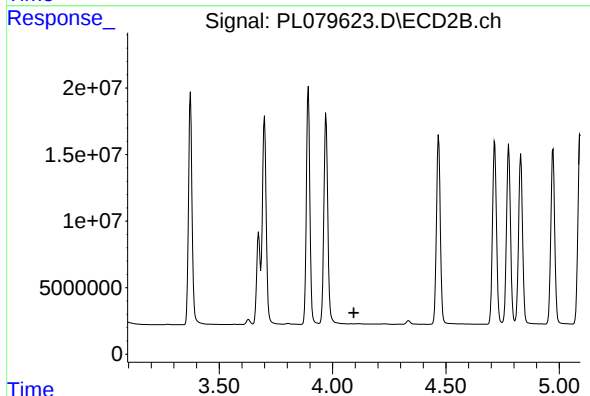
R.T.: 6.728 min  
Delta R.T.: 0.003 min  
Response: 116071611  
Conc: 49.08 ng/ml



#24 Chlordane-2

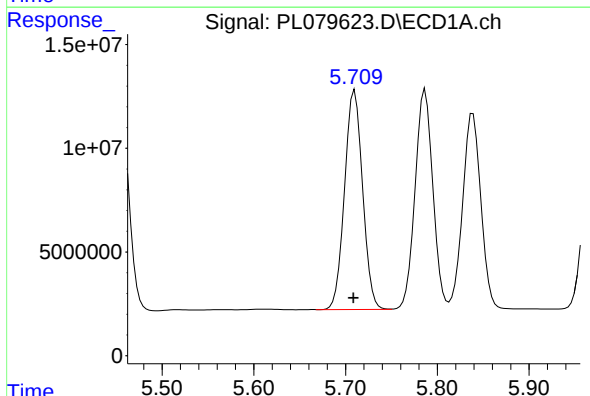
R.T.: 5.021 min  
Delta R.T.: 0.022 min  
Response: 156565033  
Conc: 1485.82 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



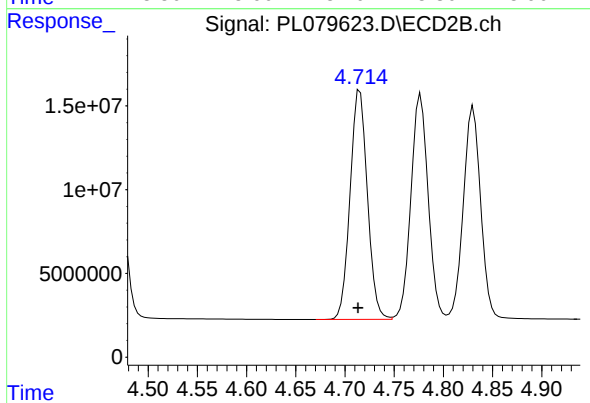
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.094 min  
Response: 0  
Conc: N.D.



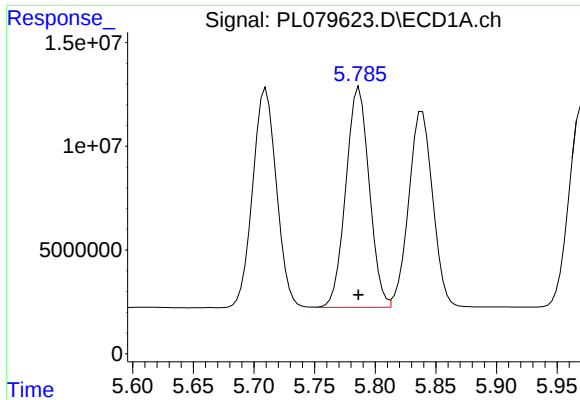
#25 Chlordane-3

R.T.: 5.710 min  
Delta R.T.: 0.001 min  
Response: 144197470  
Conc: 347.27 ng/ml



#25 Chlordane-3

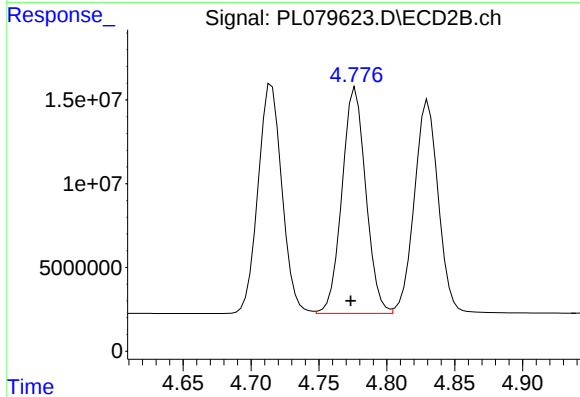
R.T.: 4.715 min  
Delta R.T.: 0.002 min  
Response: 167630431  
Conc: 501.43 ng/ml



#26 Chlordane-4

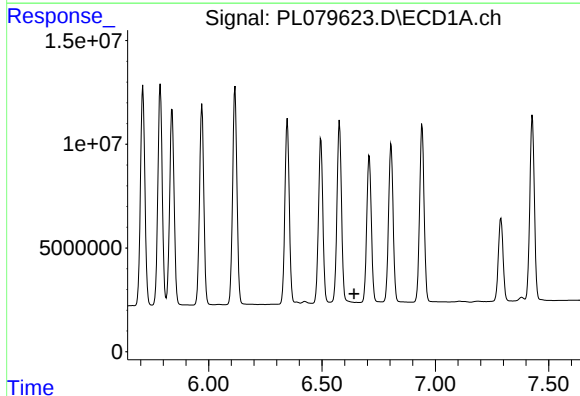
R.T.: 5.787 min  
Delta R.T.: 0.000 min  
Response: 142618339  
Conc: 280.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



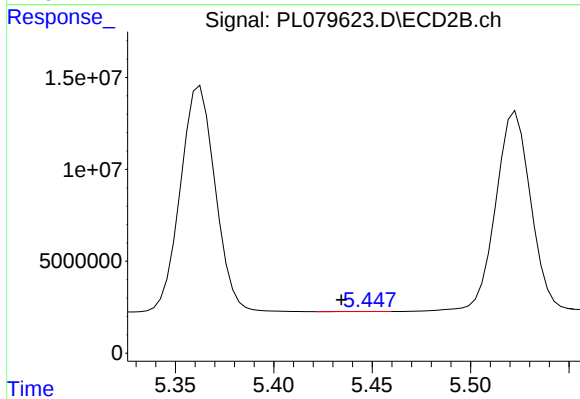
#26 Chlordane-4

R.T.: 4.777 min  
Delta R.T.: 0.003 min  
Response: 164353602  
Conc: 453.56 ng/ml



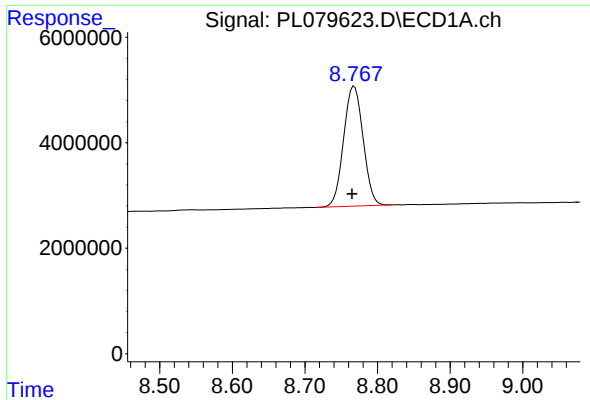
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.642 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

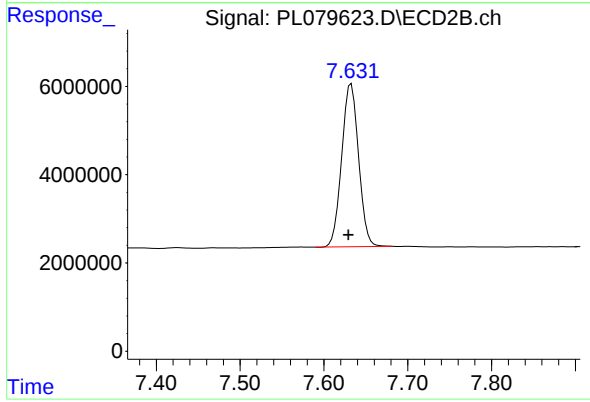
R.T.: 5.449 min  
Delta R.T.: 0.015 min  
Response: 87766  
Conc: 0.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.768 min  
Delta R.T.: 0.003 min  
Response: 42509249  
Conc: 21.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.633 min  
Delta R.T.: 0.003 min  
Response: 51776839  
Conc: 22.04 ng/ml