

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030923\  
 Data File : PL081368.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Mar 2023 17:06  
 Operator : AR\AJ  
 Sample : PB151302BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 09 20:28:26 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 03 01:48:45 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... | 3.336  | 2.663  | 49417684 | 44036763 | 22.873   | 21.759    |
| 28)                         | SA Decachlor... | 8.760  | 7.786  | 40611627 | 45450411 | 26.639   | 23.727    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.786  | 3.163  | 168.2E6  | 143.0E6  | 52.887   | 48.783    |
| 3)                          | MA gamma-BHC... | 4.114  | 3.491  | 155.2E6  | 134.3E6  | 52.470   | 48.822    |
| 4)                          | MA Heptachlor   | 4.694  | 3.826  | 147.6E6  | 135.0E6  | 53.475   | 48.923    |
| 5)                          | MB Aldrin       | 5.031  | 4.103  | 139.2E6  | 128.3E6  | 54.716   | 48.949    |
| 6)                          | B beta-BHC      | 4.317  | 3.791  | 66243724 | 53787709 | 48.126   | 46.344    |
| 7)                          | B delta-BHC     | 4.558  | 4.019  | 149.9E6  | 128.9E6  | 53.939   | 50.604    |
| 8)                          | B Heptachlo...  | 5.457  | 4.606  | 123.6E6  | 117.9E6  | 52.355   | 48.749    |
| 9)                          | A Endosulfan I  | 5.838  | 4.974  | 112.8E6  | 108.5E6  | 53.394   | 47.951    |
| 10)                         | B gamma-Chl...  | 5.712  | 4.855  | 126.3E6  | 118.8E6  | 55.335   | 48.516    |
| 11)                         | B alpha-Chl...  | 5.790  | 4.918  | 123.6E6  | 118.5E6  | 54.847   | 48.395    |
| 12)                         | B 4,4'-DDE      | 5.967  | 5.109  | 107.9E6  | 97150101 | 55.148   | 49.494    |
| 13)                         | MA Dieldrin     | 6.112  | 5.239  | 118.1E6  | 114.3E6  | 56.407   | 50.719    |
| 14)                         | MA Endrin       | 6.339  | 5.513  | 103.5E6  | 102.7E6  | 56.958   | 51.105    |
| 15)                         | B Endosulfa...  | 6.561  | 5.809  | 100.4E6  | 96094584 | 57.595   | 52.120    |
| 16)                         | A 4,4'-DDD      | 6.483  | 5.664  | 85812464 | 76715150 | 55.745   | 50.007    |
| 17)                         | MA 4,4'-DDT     | 6.794  | 5.913  | 90341042 | 84409414 | 56.915   | 52.614    |
| 18)                         | B Endrin al...  | 6.691  | 5.990  | 38218944 | 81287097 | 26.701   | 53.653 #  |
| 19)                         | B Endosulfa...  | 6.925  | 6.212  | 99261952 | 95093732 | 55.284   | 49.475    |
| 20)                         | A Methoxychlor  | 7.274  | 6.493  | 50562139 | 47590808 | 58.700   | 51.278    |
| 21)                         | B Endrin ke...  | 7.404  | 6.718  | 100.6E6  | 103.8E6  | 55.460   | 48.196    |
| 22)                         | Mirex           | 7.869  | 6.890  | 80304056 | 94151607 | 55.036   | 48.919    |
| 24)                         | Chlordane-2     | 5.031f | 4.242  | 139.2E6  | 888      | 1390.953 | 0.009 #   |
| 25)                         | Chlordane-3     | 5.712  | 4.855  | 126.3E6  | 118.8E6  | 345.206  | 439.415 # |
| 26)                         | Chlordane-4     | 5.790  | 4.918  | 123.6E6  | 118.5E6  | 281.132  | 421.941 # |
| 27)                         | Chlordane-5     | 0.000  | 5.619f | 0        | 333935   | N.D.     | 4.834 #   |
| -----                       |                 |        |        |          |          |          |           |

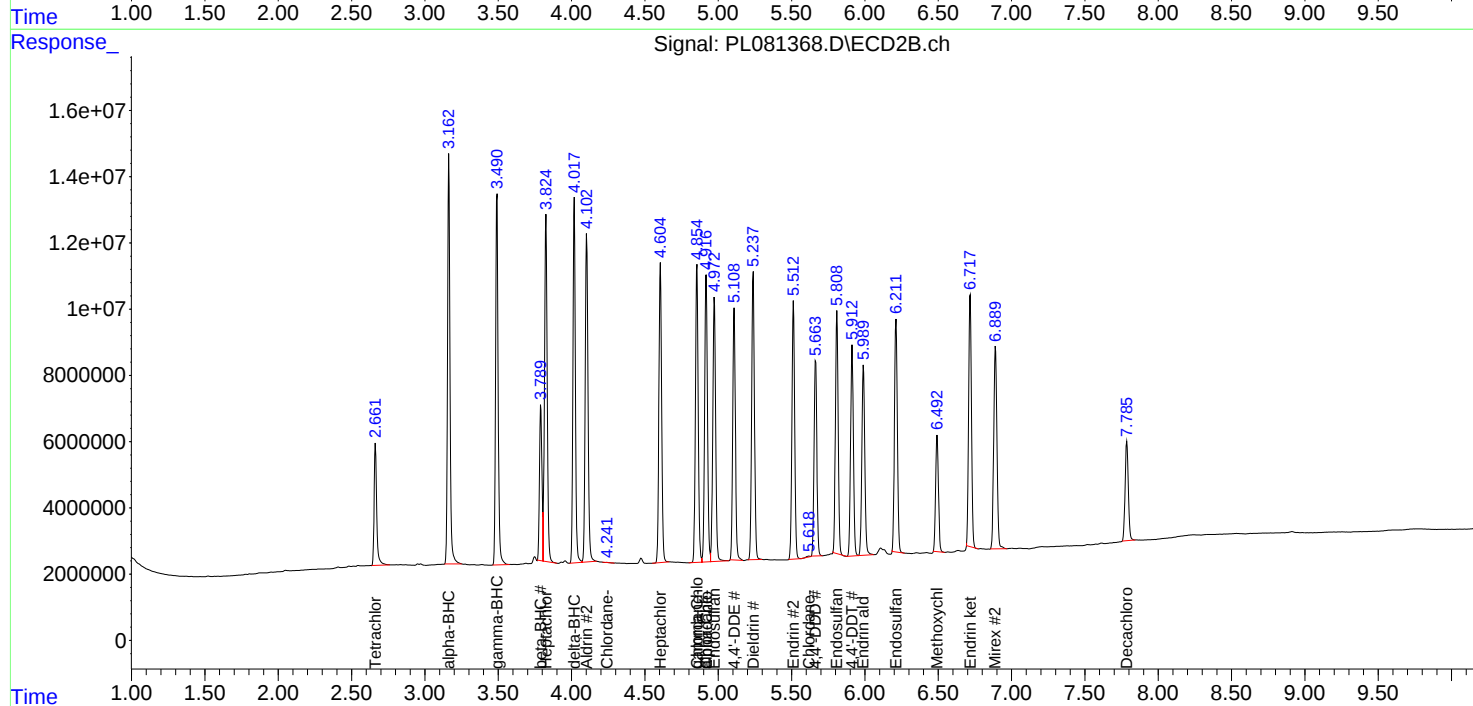
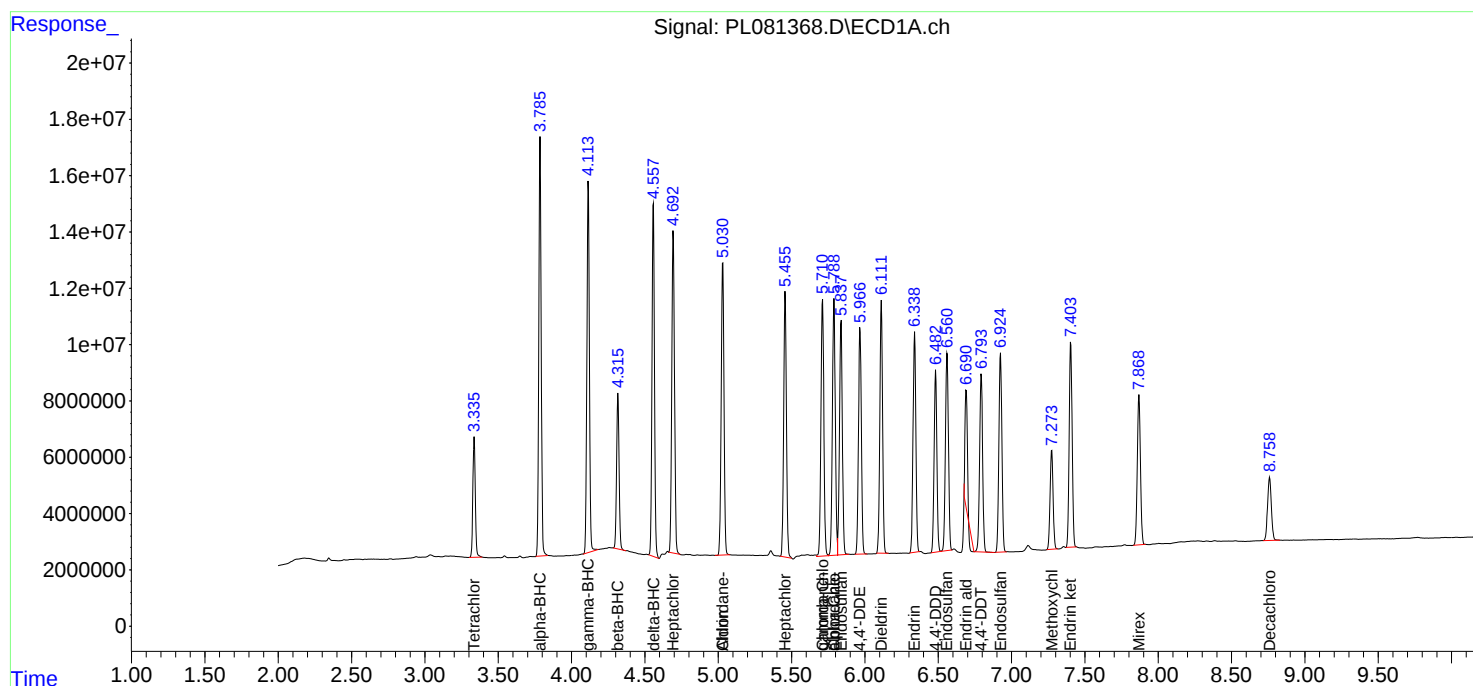
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

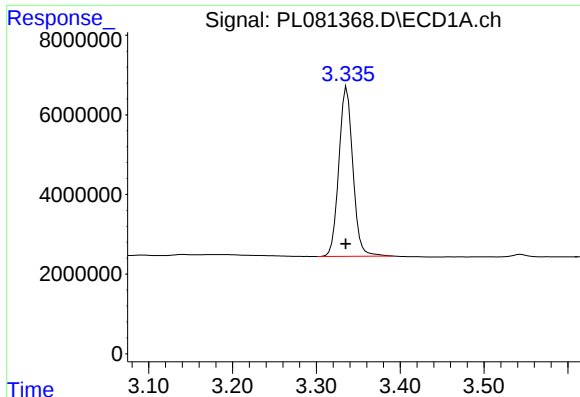
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030923\  
Data File : PL081368.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Mar 2023 17:06  
Operator : AR\AJ  
Sample : PB151302BS  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 09 20:28:26 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 03 01:48:45 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

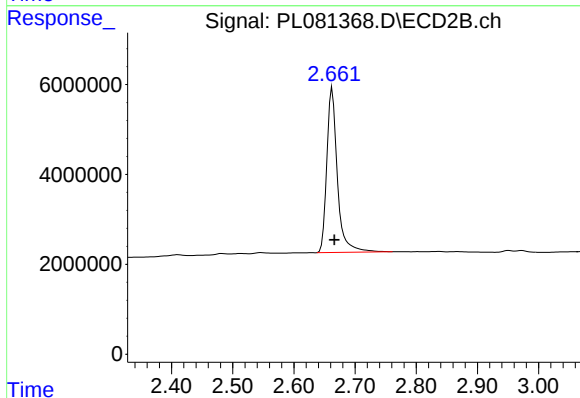




#1 Tetrachloro-m-xylene

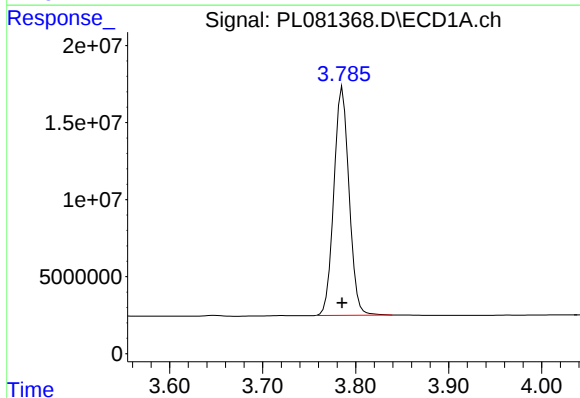
R.T.: 3.336 min  
Delta R.T.: 0.001 min  
Response: 49417684  
Conc: 22.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



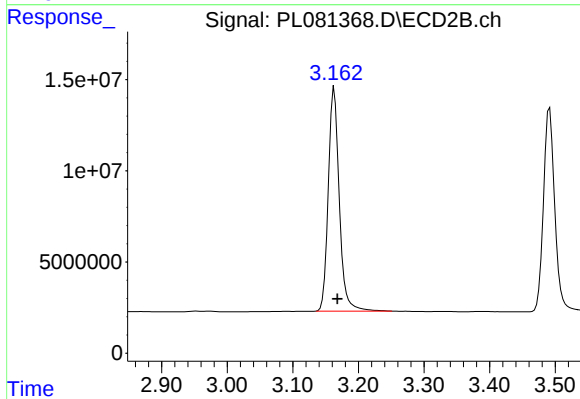
#1 Tetrachloro-m-xylene

R.T.: 2.663 min  
Delta R.T.: -0.004 min  
Response: 44036763  
Conc: 21.76 ng/ml



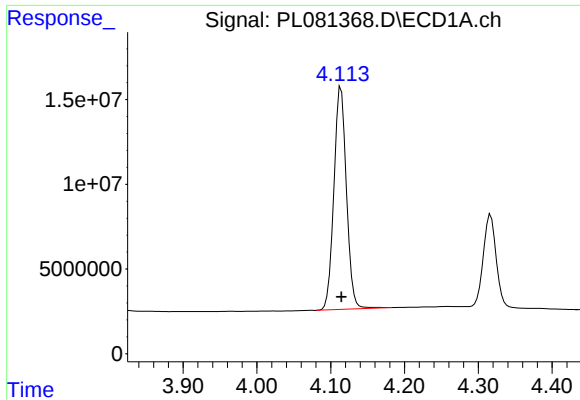
#2 alpha-BHC

R.T.: 3.786 min  
Delta R.T.: 0.000 min  
Response: 168247110  
Conc: 52.89 ng/ml



#2 alpha-BHC

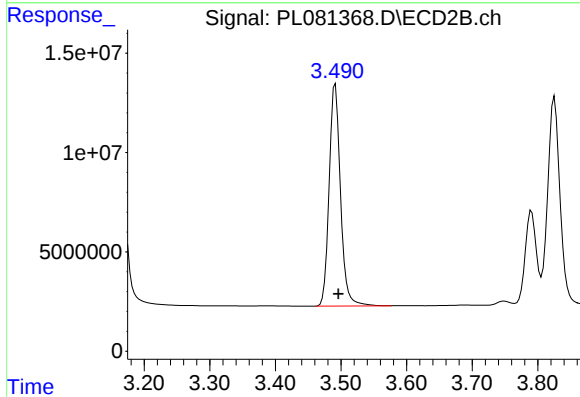
R.T.: 3.163 min  
Delta R.T.: -0.004 min  
Response: 142965288  
Conc: 48.78 ng/ml



#3 gamma-BHC (Lindane)

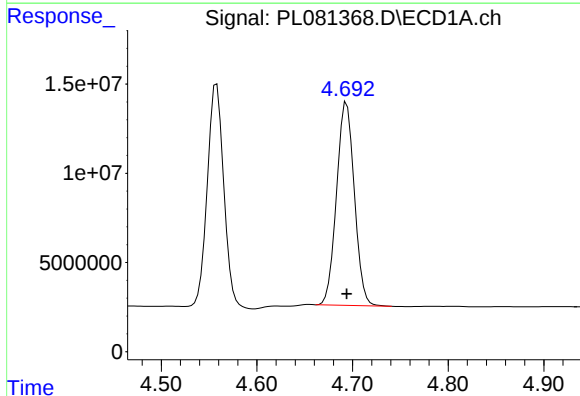
R.T.: 4.114 min  
Delta R.T.: 0.000 min  
Response: 155238290  
Conc: 52.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



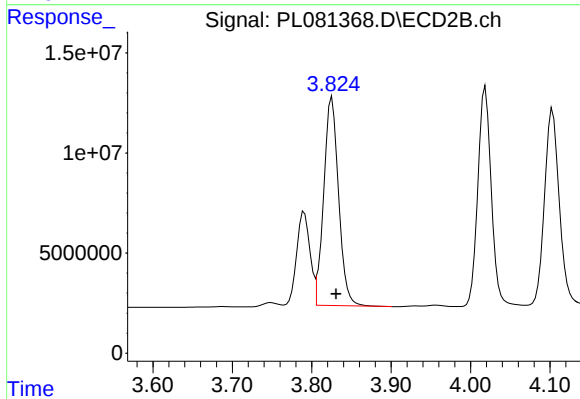
#3 gamma-BHC (Lindane)

R.T.: 3.491 min  
Delta R.T.: -0.005 min  
Response: 134310999  
Conc: 48.82 ng/ml



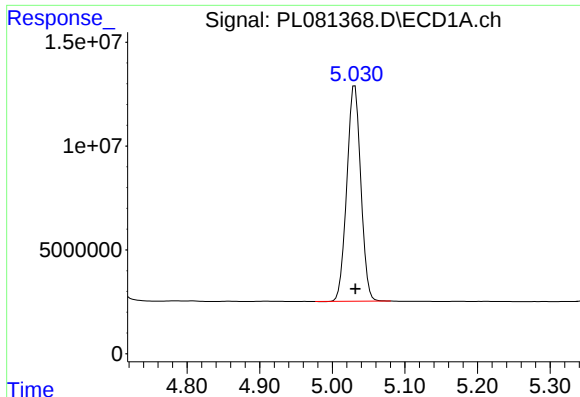
#4 Heptachlor

R.T.: 4.694 min  
Delta R.T.: 0.000 min  
Response: 147557637  
Conc: 53.47 ng/ml



#4 Heptachlor

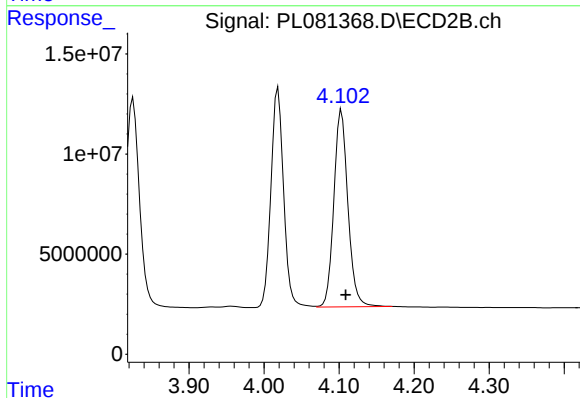
R.T.: 3.826 min  
Delta R.T.: -0.005 min  
Response: 135005386  
Conc: 48.92 ng/ml



#5 Aldrin

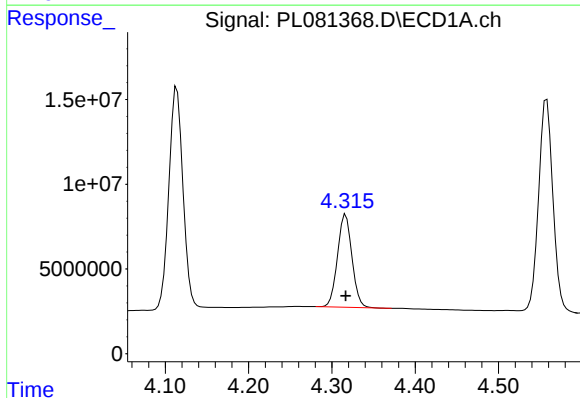
R.T.: 5.031 min  
Delta R.T.: 0.000 min  
Response: 139206449  
Conc: 54.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



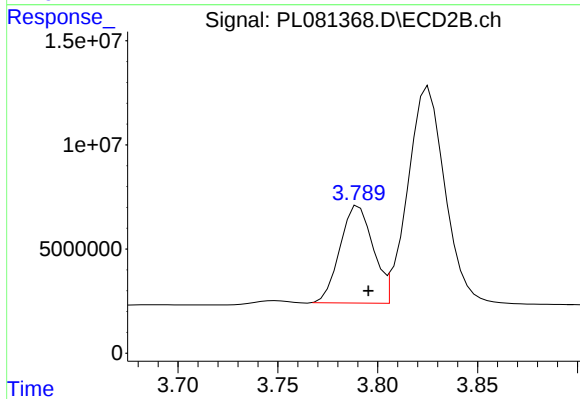
#5 Aldrin

R.T.: 4.103 min  
Delta R.T.: -0.006 min  
Response: 128332328  
Conc: 48.95 ng/ml



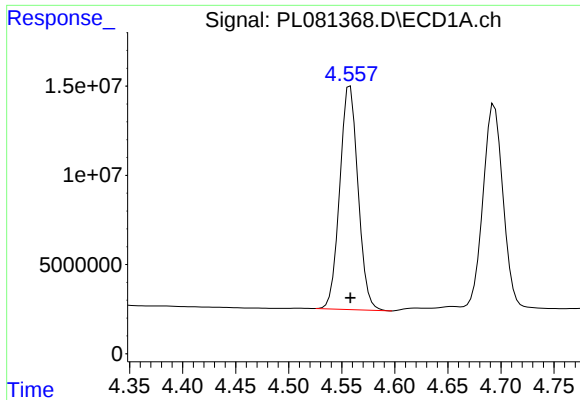
#6 beta-BHC

R.T.: 4.317 min  
Delta R.T.: 0.000 min  
Response: 66243724  
Conc: 48.13 ng/ml



#6 beta-BHC

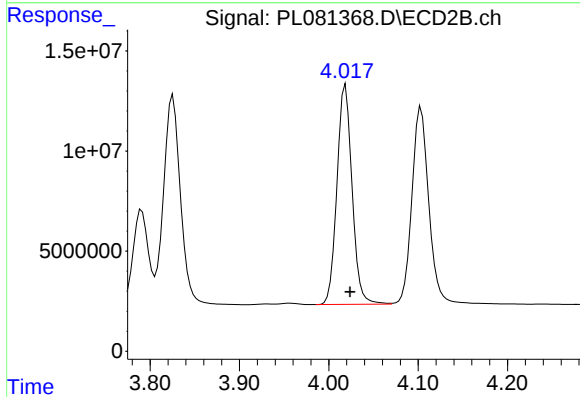
R.T.: 3.791 min  
Delta R.T.: -0.005 min  
Response: 53787709  
Conc: 46.34 ng/ml



#7 delta-BHC

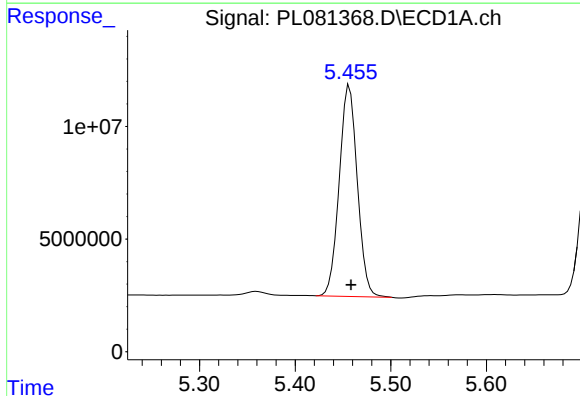
R.T.: 4.558 min  
Delta R.T.: 0.000 min  
Response: 149906483  
Conc: 53.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



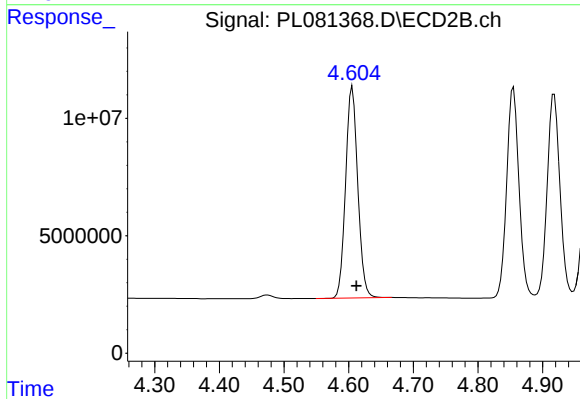
#7 delta-BHC

R.T.: 4.019 min  
Delta R.T.: -0.005 min  
Response: 128870726  
Conc: 50.60 ng/ml



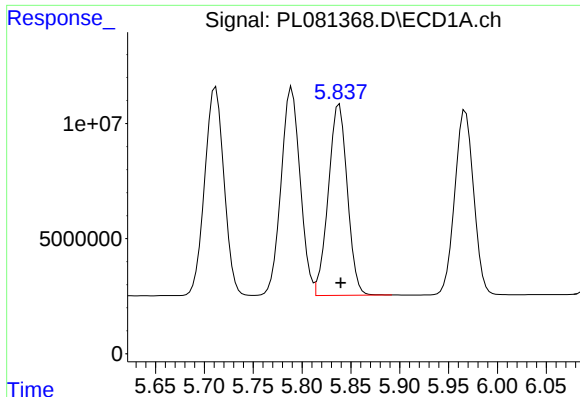
#8 Heptachlor epoxide

R.T.: 5.457 min  
Delta R.T.: -0.002 min  
Response: 123559111  
Conc: 52.36 ng/ml



#8 Heptachlor epoxide

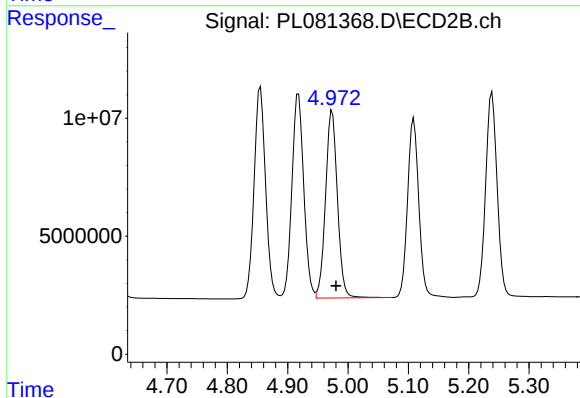
R.T.: 4.606 min  
Delta R.T.: -0.006 min  
Response: 117879137  
Conc: 48.75 ng/ml



#9 Endosulfan I

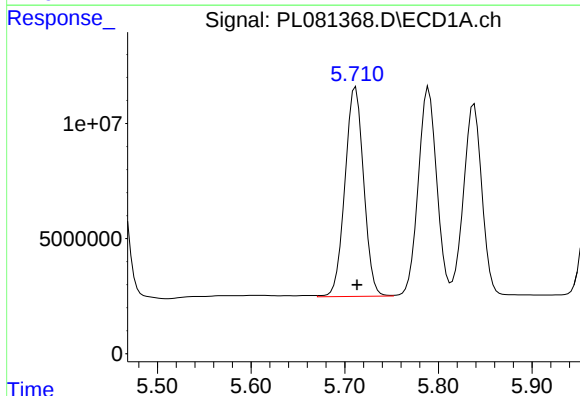
R.T.: 5.838 min  
Delta R.T.: -0.001 min  
Response: 112807779  
Conc: 53.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



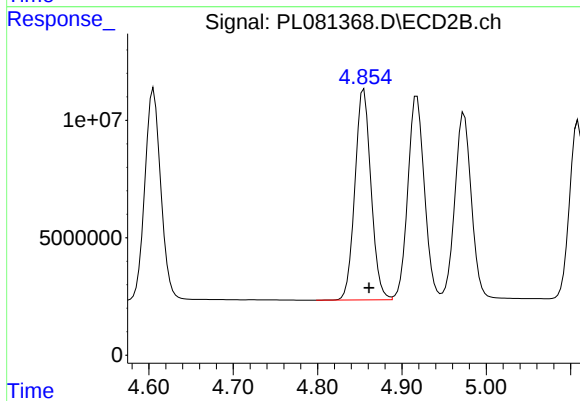
#9 Endosulfan I

R.T.: 4.974 min  
Delta R.T.: -0.007 min  
Response: 108545748  
Conc: 47.95 ng/ml



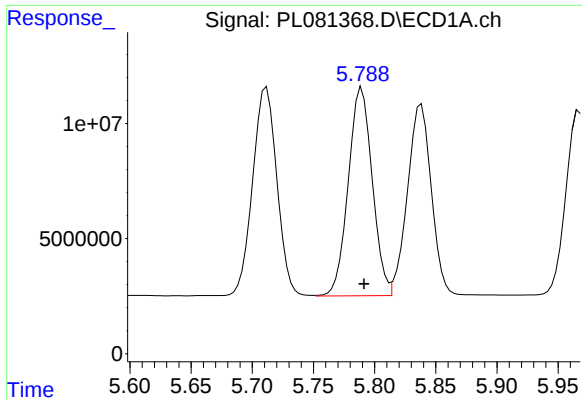
#10 gamma-Chlordane

R.T.: 5.712 min  
Delta R.T.: -0.001 min  
Response: 126268375  
Conc: 55.33 ng/ml



#10 gamma-Chlordane

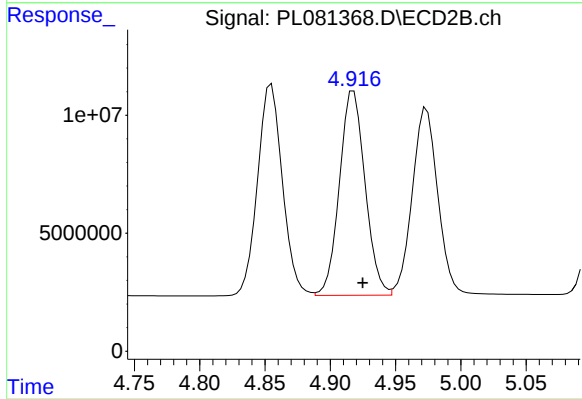
R.T.: 4.855 min  
Delta R.T.: -0.006 min  
Response: 118756657  
Conc: 48.52 ng/ml



#11 alpha-Chlordane

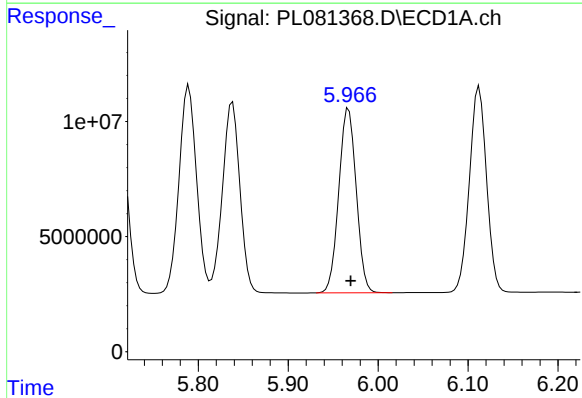
R.T.: 5.790 min  
Delta R.T.: -0.002 min  
Response: 123566619  
Conc: 54.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



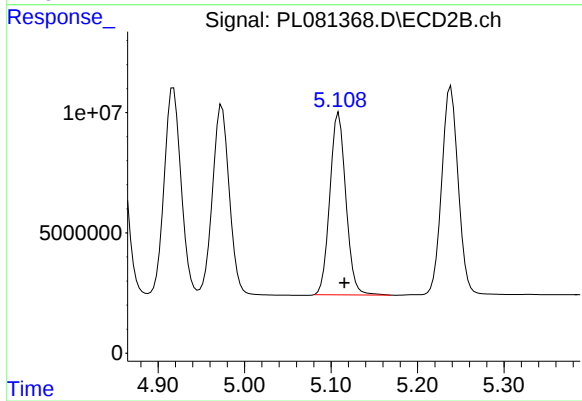
#11 alpha-Chlordane

R.T.: 4.918 min  
Delta R.T.: -0.007 min  
Response: 118497479  
Conc: 48.39 ng/ml



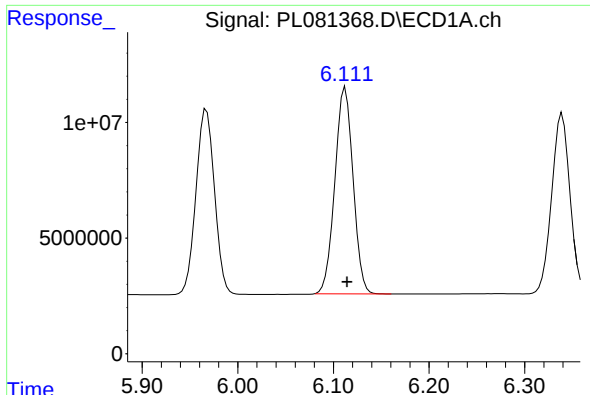
#12 4,4'-DDE

R.T.: 5.967 min  
Delta R.T.: -0.002 min  
Response: 107903009  
Conc: 55.15 ng/ml



#12 4,4'-DDE

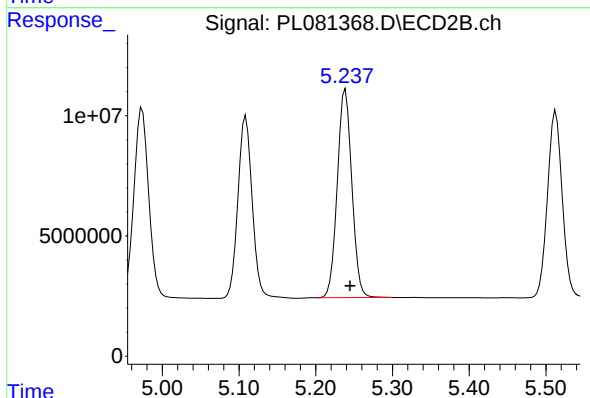
R.T.: 5.109 min  
Delta R.T.: -0.007 min  
Response: 97150101  
Conc: 49.49 ng/ml



#13 Dieldrin

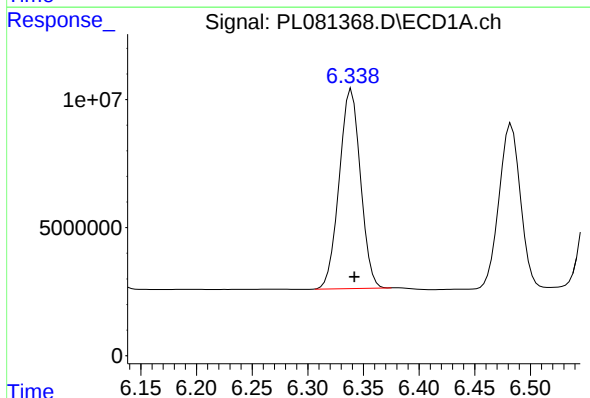
R.T.: 6.112 min  
Delta R.T.: -0.002 min  
Response: 118059490  
Conc: 56.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



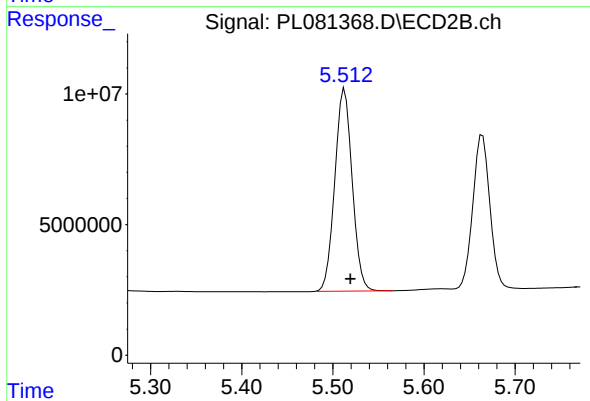
#13 Dieldrin

R.T.: 5.239 min  
Delta R.T.: -0.006 min  
Response: 114339534  
Conc: 50.72 ng/ml



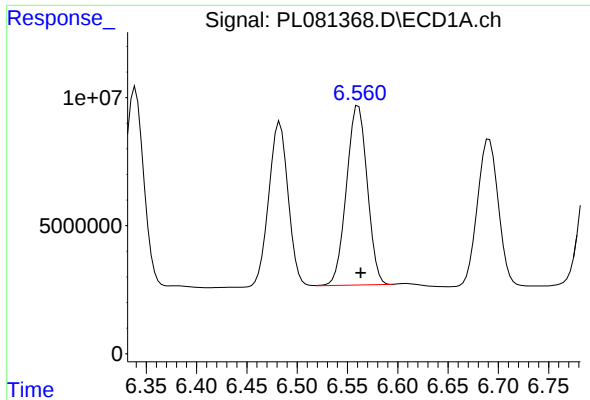
#14 Endrin

R.T.: 6.339 min  
Delta R.T.: -0.003 min  
Response: 103519657  
Conc: 56.96 ng/ml



#14 Endrin

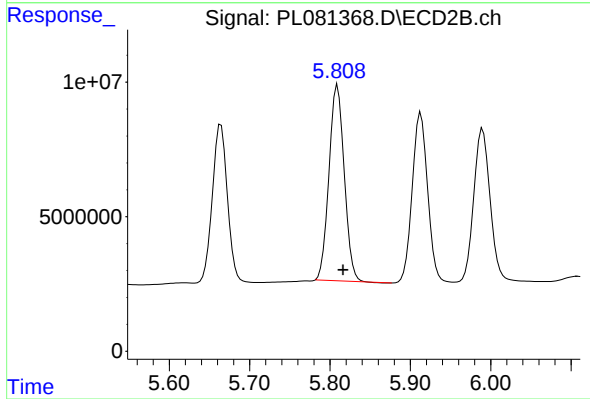
R.T.: 5.513 min  
Delta R.T.: -0.006 min  
Response: 102701748  
Conc: 51.10 ng/ml



#15 Endosulfan II

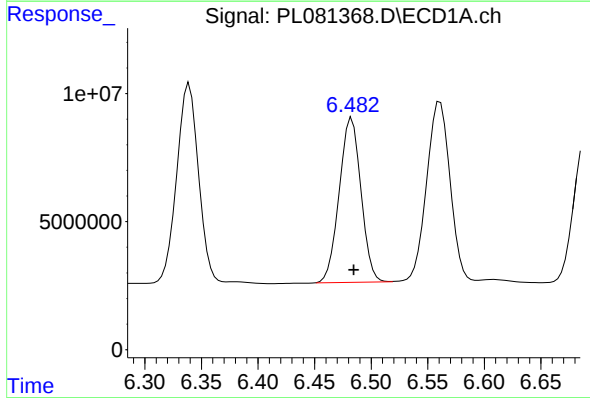
R.T.: 6.561 min  
Delta R.T.: -0.002 min  
Response: 100416343  
Conc: 57.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



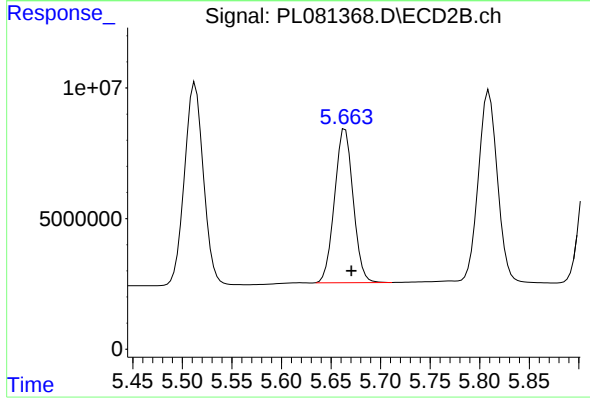
#15 Endosulfan II

R.T.: 5.809 min  
Delta R.T.: -0.007 min  
Response: 96094584  
Conc: 52.12 ng/ml



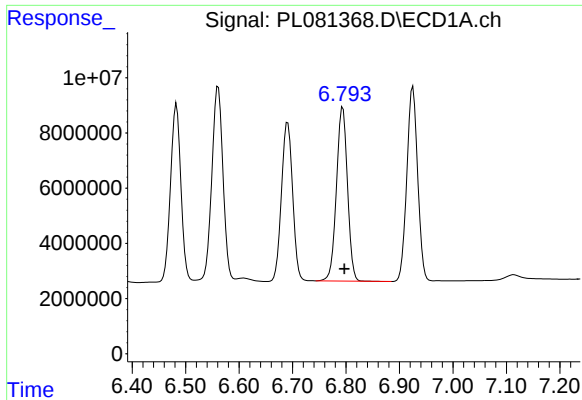
#16 4,4'-DDD

R.T.: 6.483 min  
Delta R.T.: -0.002 min  
Response: 85812464  
Conc: 55.75 ng/ml



#16 4,4'-DDD

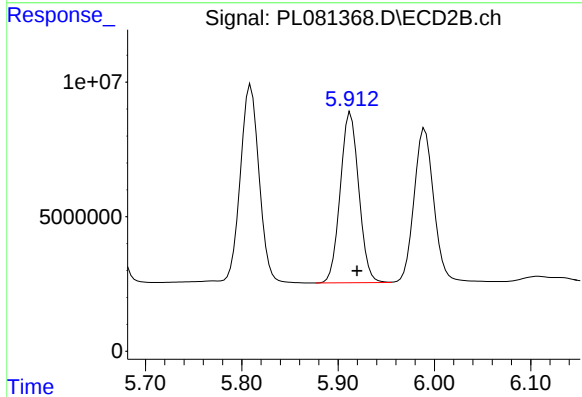
R.T.: 5.664 min  
Delta R.T.: -0.006 min  
Response: 76715150  
Conc: 50.01 ng/ml



#17 4,4'-DDT

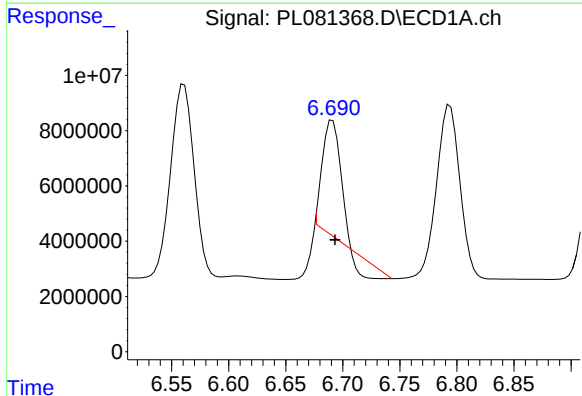
R.T.: 6.794 min  
Delta R.T.: -0.003 min  
Response: 90341042  
Conc: 56.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



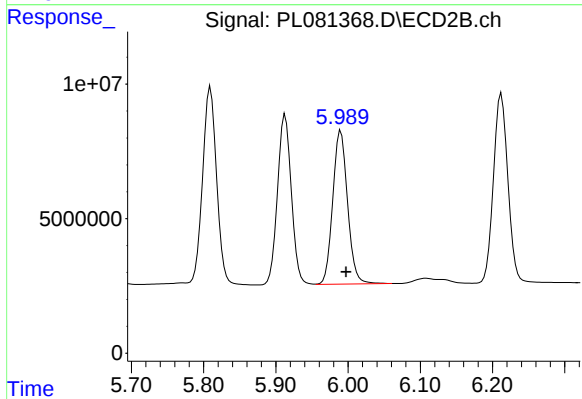
#17 4,4'-DDT

R.T.: 5.913 min  
Delta R.T.: -0.007 min  
Response: 84409414  
Conc: 52.61 ng/ml



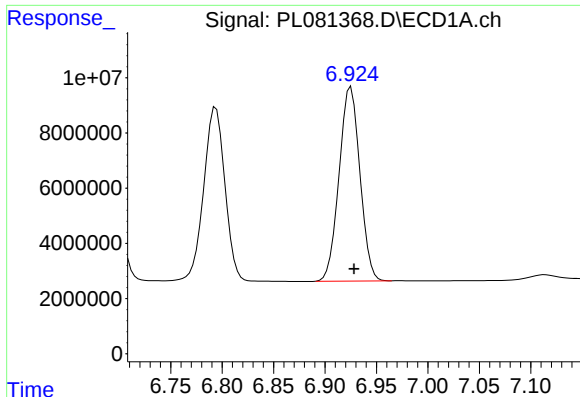
#18 Endrin aldehyde

R.T.: 6.691 min  
Delta R.T.: -0.002 min  
Response: 38218944  
Conc: 26.70 ng/ml



#18 Endrin aldehyde

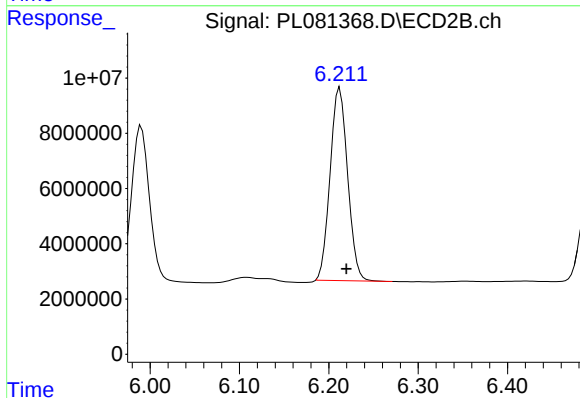
R.T.: 5.990 min  
Delta R.T.: -0.007 min  
Response: 81287097  
Conc: 53.65 ng/ml



#19 Endosulfan Sulfate

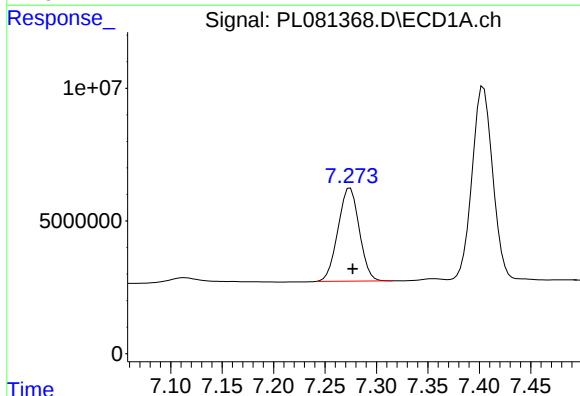
R.T.: 6.925 min  
Delta R.T.: -0.003 min  
Response: 99261952  
Conc: 55.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



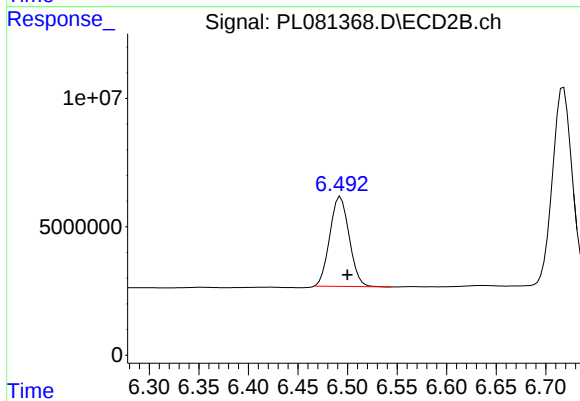
#19 Endosulfan Sulfate

R.T.: 6.212 min  
Delta R.T.: -0.007 min  
Response: 95093732  
Conc: 49.48 ng/ml



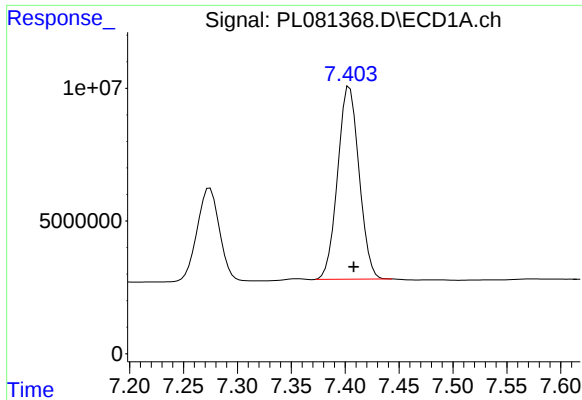
#20 Methoxychlor

R.T.: 7.274 min  
Delta R.T.: -0.002 min  
Response: 50562139  
Conc: 58.70 ng/ml



#20 Methoxychlor

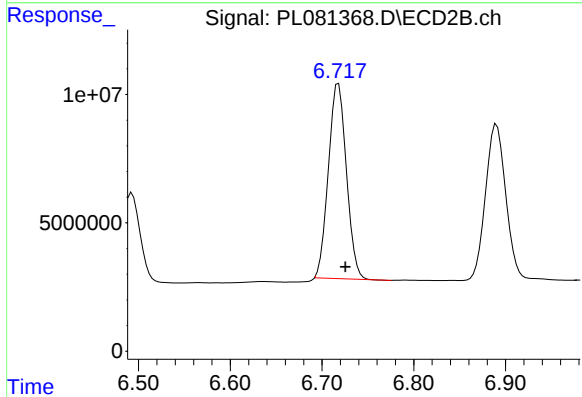
R.T.: 6.493 min  
Delta R.T.: -0.007 min  
Response: 47590808  
Conc: 51.28 ng/ml



#21 Endrin ketone

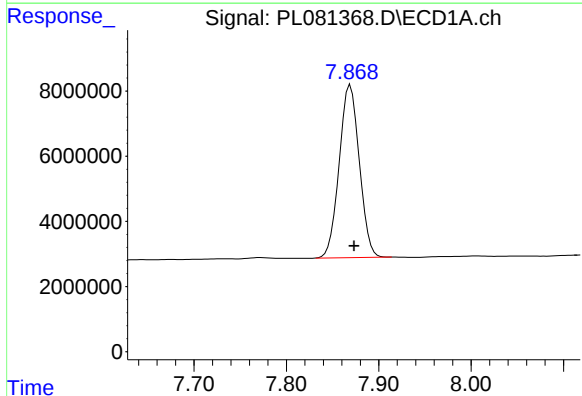
R.T.: 7.404 min  
Delta R.T.: -0.004 min  
Response: 100604349  
Conc: 55.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



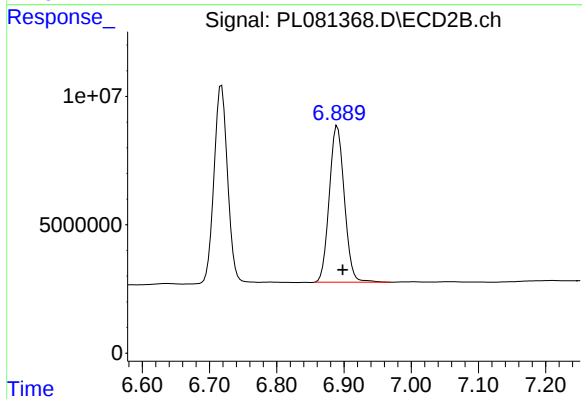
#21 Endrin ketone

R.T.: 6.718 min  
Delta R.T.: -0.008 min  
Response: 103769433  
Conc: 48.20 ng/ml



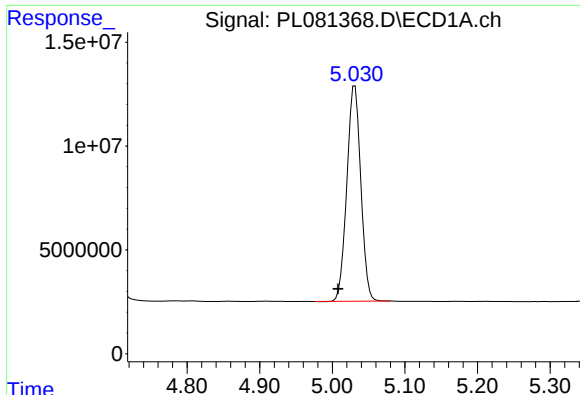
#22 Mirex

R.T.: 7.869 min  
Delta R.T.: -0.004 min  
Response: 80304056  
Conc: 55.04 ng/ml



#22 Mirex

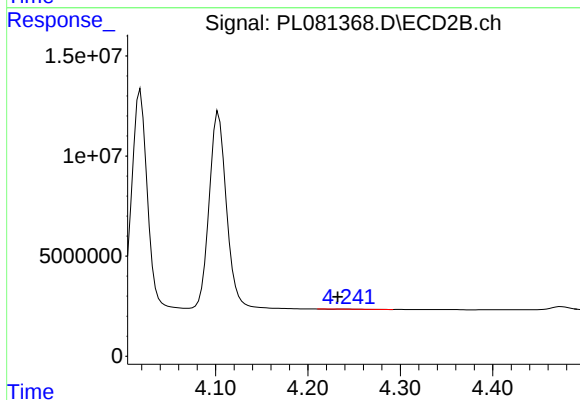
R.T.: 6.890 min  
Delta R.T.: -0.008 min  
Response: 94151607  
Conc: 48.92 ng/ml



#24 Chlordane-2

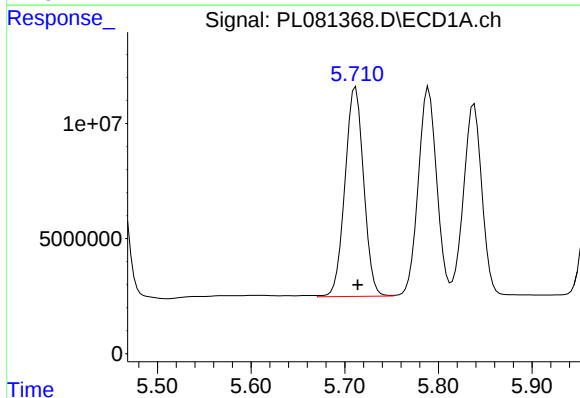
R.T.: 5.031 min  
Delta R.T.: 0.023 min  
Response: 139206449  
Conc: 1390.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



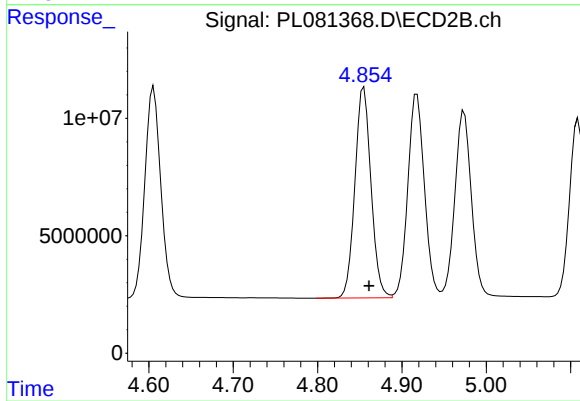
#24 Chlordane-2

R.T.: 4.242 min  
Delta R.T.: 0.010 min  
Response: 888  
Conc: 0.01 ng/ml



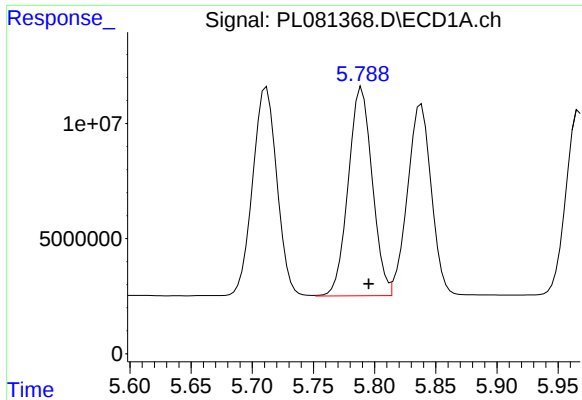
#25 Chlordane-3

R.T.: 5.712 min  
Delta R.T.: -0.002 min  
Response: 126268375  
Conc: 345.21 ng/ml



#25 Chlordane-3

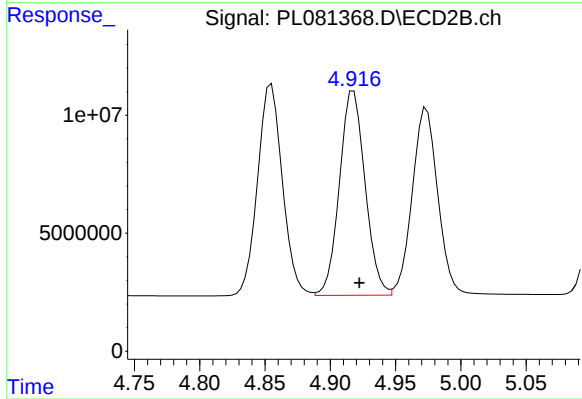
R.T.: 4.855 min  
Delta R.T.: -0.006 min  
Response: 118756657  
Conc: 439.41 ng/ml



#26 Chlordane-4

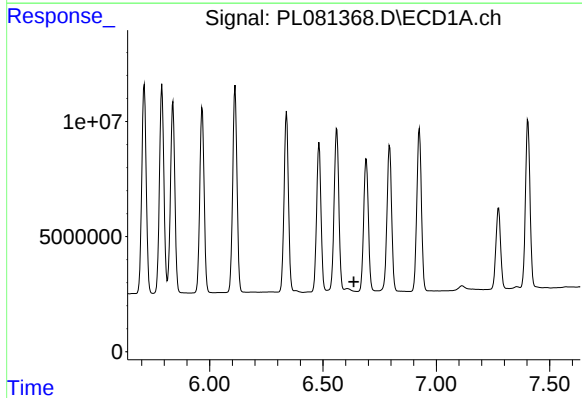
R.T.: 5.790 min  
Delta R.T.: -0.006 min  
Response: 123566619  
Conc: 281.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



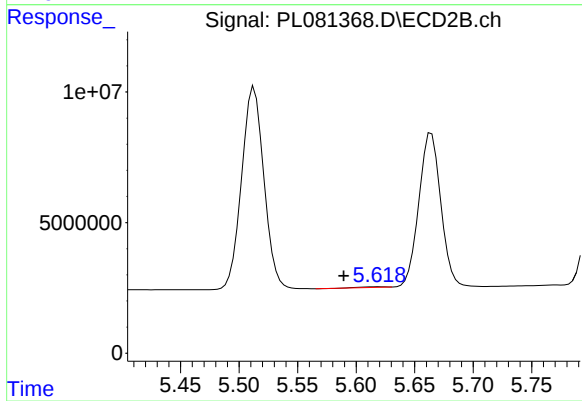
#26 Chlordane-4

R.T.: 4.918 min  
Delta R.T.: -0.004 min  
Response: 118497479  
Conc: 421.94 ng/ml



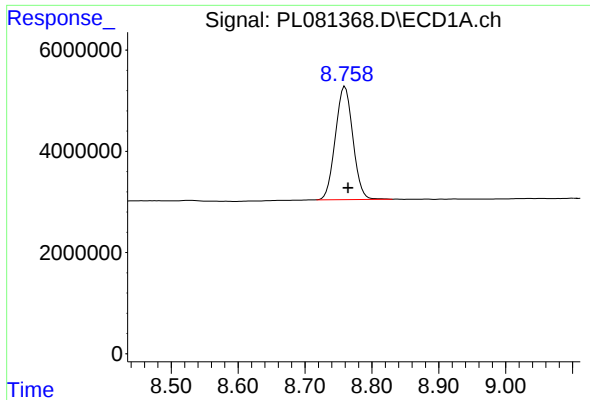
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.636 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

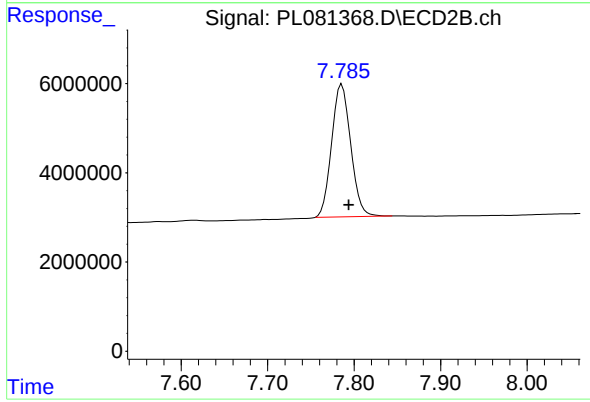
R.T.: 5.619 min  
Delta R.T.: 0.029 min  
Response: 333935  
Conc: 4.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.760 min  
Delta R.T.: -0.005 min  
Response: 40611627  
Conc: 26.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.786 min  
Delta R.T.: -0.008 min  
Response: 45450411  
Conc: 23.73 ng/ml