

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111022\  
 Data File : PL078997.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Nov 2022 14:36  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

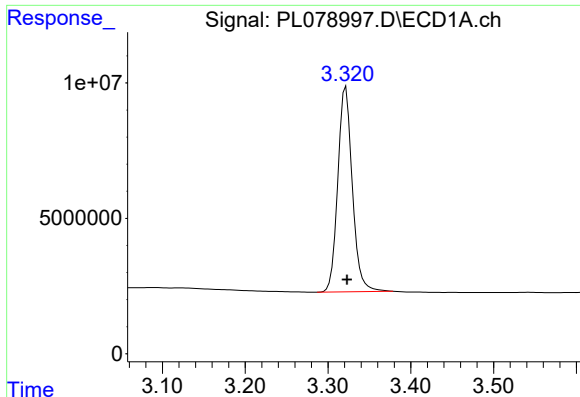
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 10 14:56:33 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 07:08:41 2022  
 Response via : Initial Calibration  
 Integrator: 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 | 92611151 | 117.8E6  | 48.563   | 46.123    |
| 28)                         | SA Decachlor... | 8.771  | 7.636 | 71394971 | 88363995 | 47.459   | 46.652    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.782  | 3.055 | 142.8E6  | 182.9E6  | 49.722   | 46.318    |
| 3)                          | MA gamma-BHC... | 4.115  | 3.376 | 133.3E6  | 166.2E6  | 49.890   | 46.242    |
| 4)                          | MA Heptachlor   | 4.685  | 3.703 | 134.6E6  | 167.1E6  | 51.839   | 48.179    |
| 5)                          | MB Aldrin       | 5.023  | 3.974 | 125.2E6  | 169.9E6  | 50.561   | 48.513    |
| 6)                          | B beta-BHC      | 4.330  | 3.676 | 58257949 | 66473373 | 50.572   | 46.328    |
| 7)                          | B delta-BHC     | 4.570  | 3.895 | 110.4E6  | 169.3E6  | 48.475   | 46.486    |
| 8)                          | B Heptachlo...  | 5.457  | 4.470 | 107.8E6  | 143.6E6  | 50.790   | 47.662    |
| 9)                          | A Endosulfan I  | 5.841  | 4.833 | 105.3E6  | 132.4E6  | 49.345   | 46.242    |
| 10)                         | B gamma-Chl...  | 5.712  | 4.718 | 113.3E6  | 142.5E6  | 50.205   | 46.490    |
| 11)                         | B alpha-Chl...  | 5.789  | 4.780 | 113.3E6  | 139.5E6  | 48.982   | 46.798    |
| 12)                         | B 4,4'-DDE      | 5.972  | 4.975 | 98301503 | 130.4E6  | 49.118   | 47.894    |
| 13)                         | MA Dieldrin     | 6.118  | 5.095 | 106.3E6  | 137.4E6  | 49.292   | 46.374    |
| 14)                         | MA Endrin       | 6.349  | 5.366 | 97018536 | 125.8E6  | 51.121   | 48.274    |
| 15)                         | B Endosulfa...  | 6.579  | 5.662 | 97756436 | 100.7E6  | 52.104   | 44.242    |
| 16)                         | A 4,4'-DDD      | 6.497  | 5.526 | 79344589 | 107.1E6  | 47.596   | 48.768    |
| 17)                         | MA 4,4'-DDT     | 6.806  | 5.773 | 88232391 | 105.9E6  | 49.228   | 48.815    |
| 18)                         | B Endrin al...  | 6.710  | 5.841 | 69320555 | 91052241 | 47.641   | 48.515    |
| 19)                         | B Endosulfa...  | 6.943  | 6.063 | 87019776 | 118.1E6  | 47.295   | 49.622    |
| 20)                         | A Methoxychlor  | 7.291  | 6.349 | 45313125 | 60855440 | 49.206   | 53.627    |
| 21)                         | B Endrin ke...  | 7.429  | 6.559 | 84017632 | 135.5E6  | 44.657   | 52.426    |
| 22)                         | Mirex           | 7.886  | 6.731 | 69959543 | 96206364 | 47.923   | 48.886    |
| 23)                         | Chlordane-1     | 0.000  | 3.530 | 0        | 357878   | N.D.     | 3.548 #   |
| 24)                         | Chlordane-2     | 5.023f | 4.092 | 125.2E6  | 2852037  | 1513.407 | 26.798 #  |
| 25)                         | Chlordane-3     | 5.712  | 4.718 | 113.3E6  | 142.5E6  | 339.237  | 467.438 # |
| 26)                         | Chlordane-4     | 5.789  | 4.780 | 113.3E6  | 139.5E6  | 276.059  | 426.843 # |
| -----                       |                 |        |       |          |          |          |           |

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

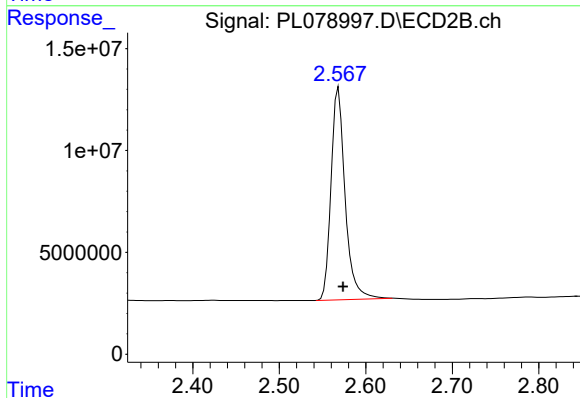




#1 Tetrachloro-m-xylene

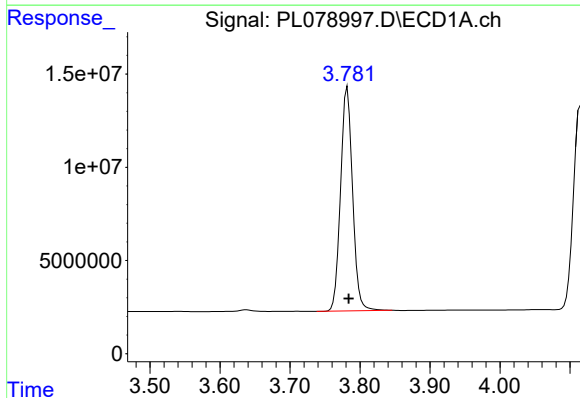
R.T.: 3.322 min  
Delta R.T.: -0.001 min  
Response: 92611151  
Conc: 48.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



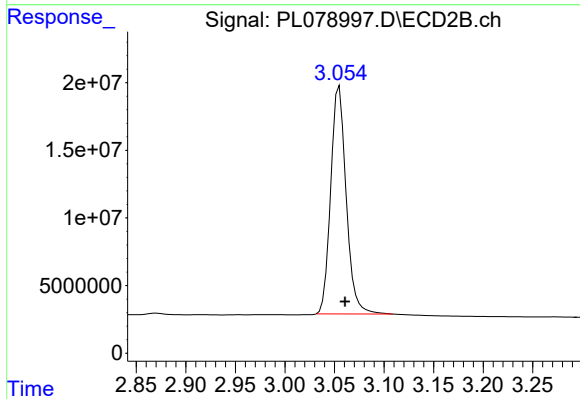
#1 Tetrachloro-m-xylene

R.T.: 2.569 min  
Delta R.T.: -0.005 min  
Response: 117762117  
Conc: 46.12 ng/ml



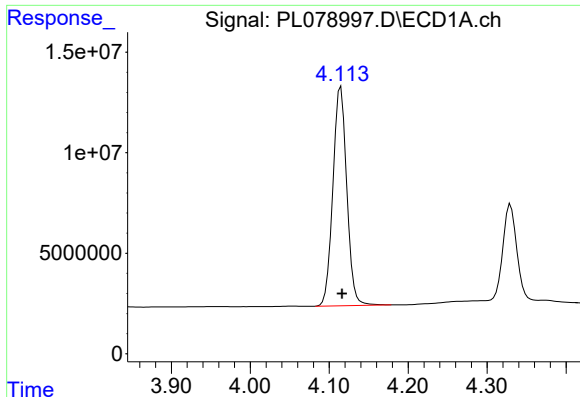
#2 alpha-BHC

R.T.: 3.782 min  
Delta R.T.: -0.002 min  
Response: 142771216  
Conc: 49.72 ng/ml



#2 alpha-BHC

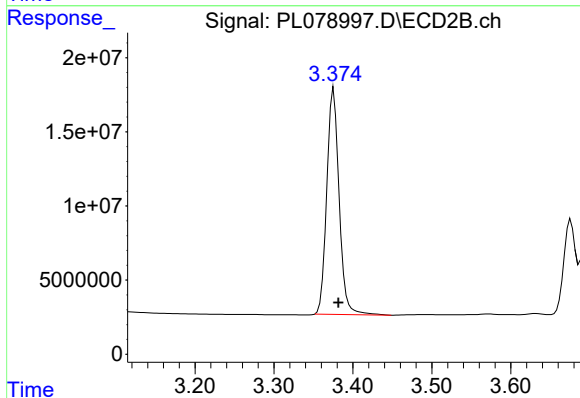
R.T.: 3.055 min  
Delta R.T.: -0.006 min  
Response: 182912896  
Conc: 46.32 ng/ml



#3 gamma-BHC (Lindane)

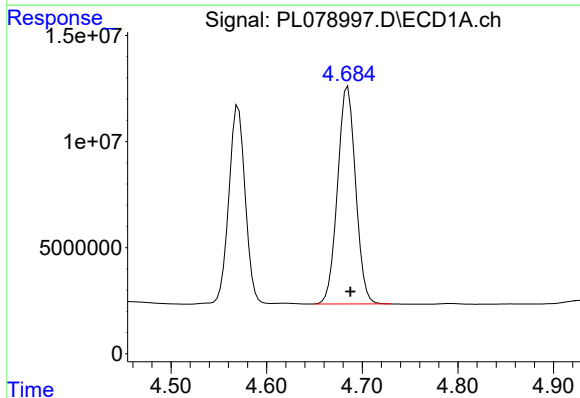
R.T.: 4.115 min  
Delta R.T.: -0.002 min  
Response: 133291751  
Conc: 49.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



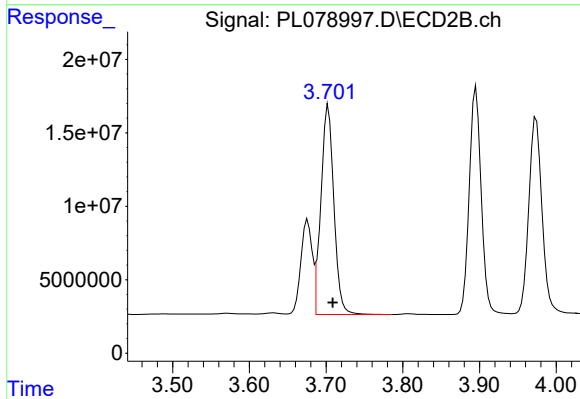
#3 gamma-BHC (Lindane)

R.T.: 3.376 min  
Delta R.T.: -0.006 min  
Response: 166203073  
Conc: 46.24 ng/ml



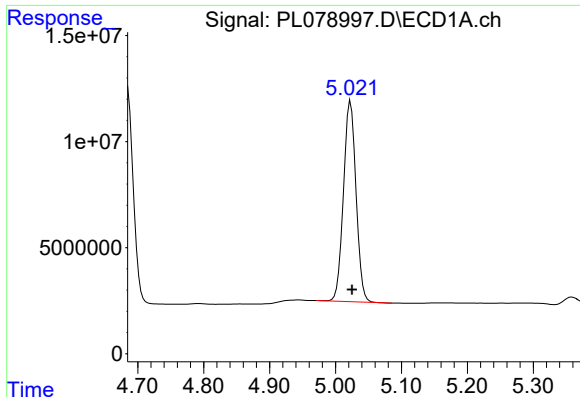
#4 Heptachlor

R.T.: 4.685 min  
Delta R.T.: -0.003 min  
Response: 134574963  
Conc: 51.84 ng/ml



#4 Heptachlor

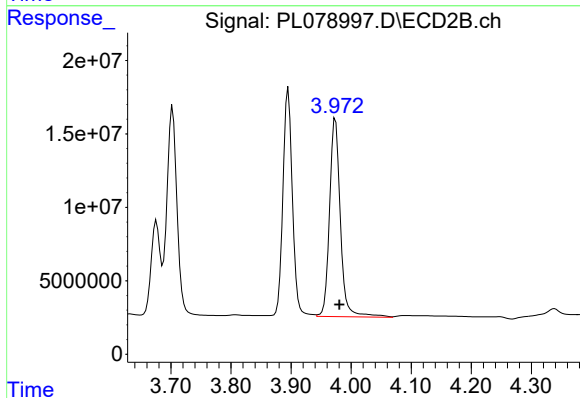
R.T.: 3.703 min  
Delta R.T.: -0.006 min  
Response: 167077064  
Conc: 48.18 ng/ml



#5 Aldrin

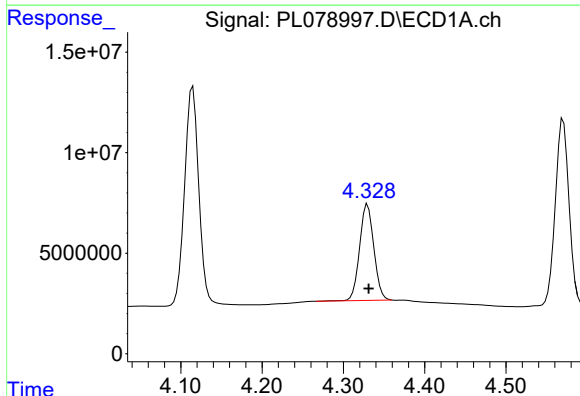
R.T.: 5.023 min  
Delta R.T.: -0.002 min  
Response: 125225045  
Conc: 50.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



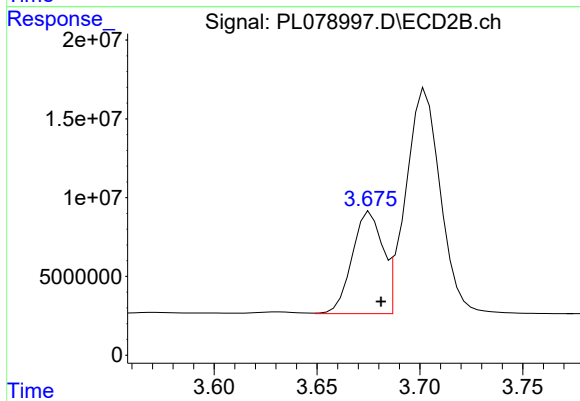
#5 Aldrin

R.T.: 3.974 min  
Delta R.T.: -0.006 min  
Response: 169877275  
Conc: 48.51 ng/ml



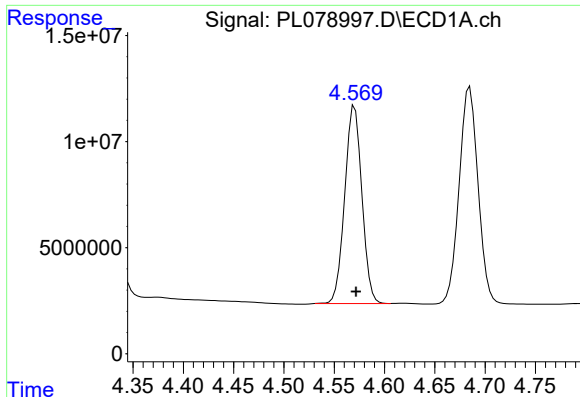
#6 beta-BHC

R.T.: 4.330 min  
Delta R.T.: -0.001 min  
Response: 58257949  
Conc: 50.57 ng/ml



#6 beta-BHC

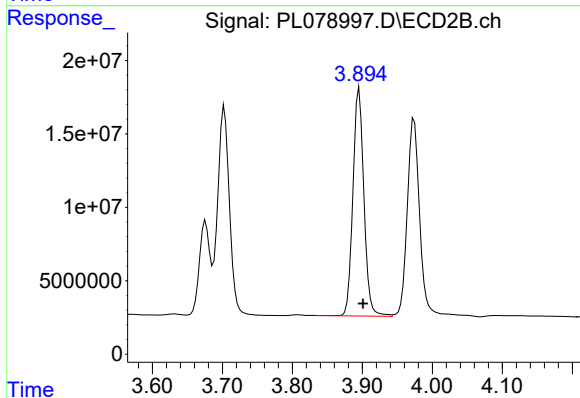
R.T.: 3.676 min  
Delta R.T.: -0.005 min  
Response: 66473373  
Conc: 46.33 ng/ml



#7 delta-BHC

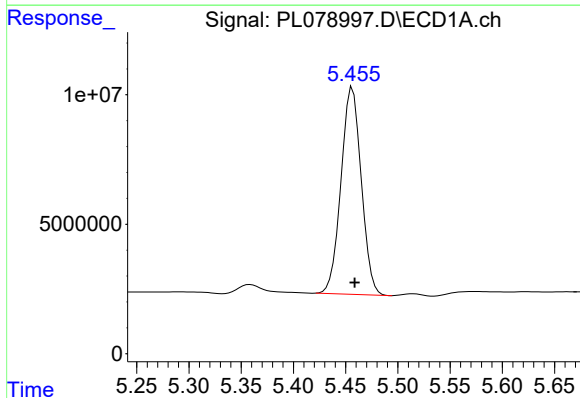
R.T.: 4.570 min  
Delta R.T.: -0.001 min  
Response: 110371801  
Conc: 48.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



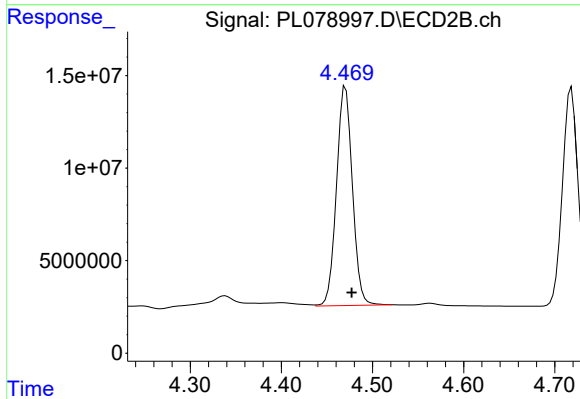
#7 delta-BHC

R.T.: 3.895 min  
Delta R.T.: -0.005 min  
Response: 169269991  
Conc: 46.49 ng/ml



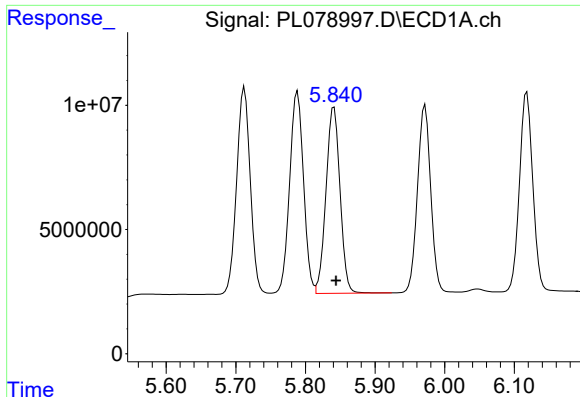
#8 Heptachlor epoxide

R.T.: 5.457 min  
Delta R.T.: -0.002 min  
Response: 107828448  
Conc: 50.79 ng/ml



#8 Heptachlor epoxide

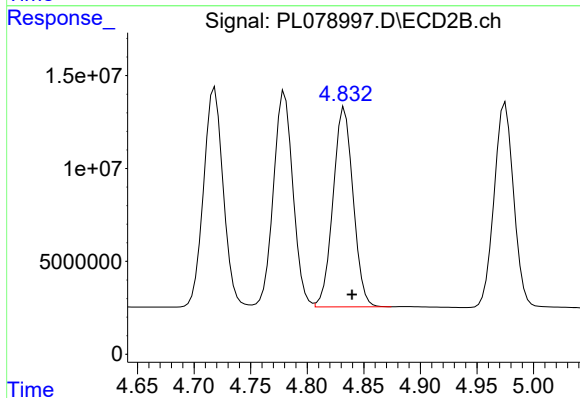
R.T.: 4.470 min  
Delta R.T.: -0.007 min  
Response: 143616295  
Conc: 47.66 ng/ml



#9 Endosulfan I

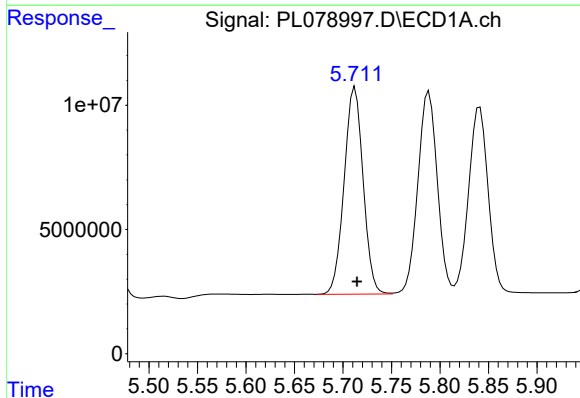
R.T.: 5.841 min  
Delta R.T.: -0.003 min  
Response: 105281989  
Conc: 49.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



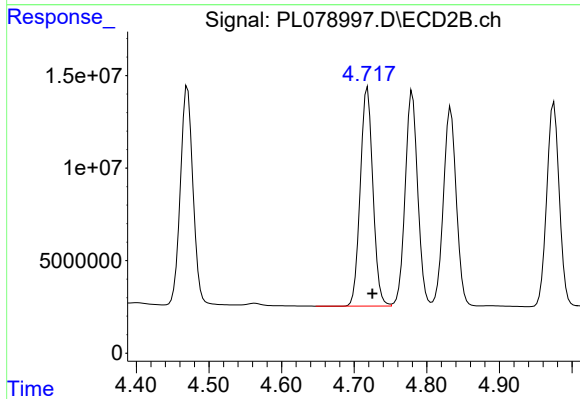
#9 Endosulfan I

R.T.: 4.833 min  
Delta R.T.: -0.007 min  
Response: 132373555  
Conc: 46.24 ng/ml



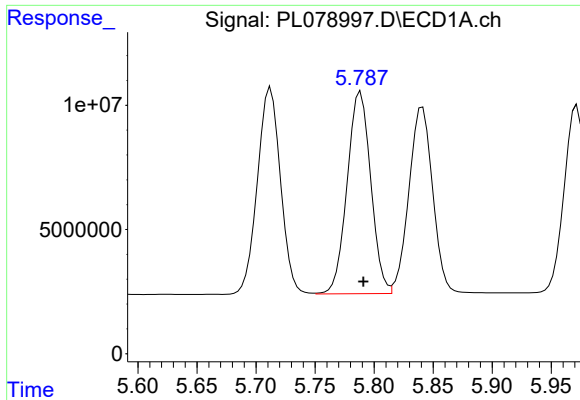
#10 gamma-Chlordane

R.T.: 5.712 min  
Delta R.T.: -0.002 min  
Response: 113319985  
Conc: 50.20 ng/ml



#10 gamma-Chlordane

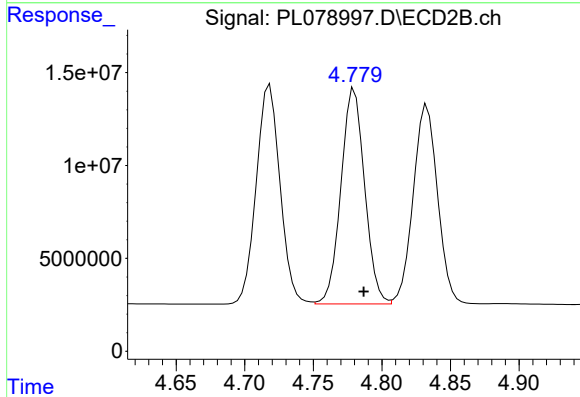
R.T.: 4.718 min  
Delta R.T.: -0.007 min  
Response: 142467803  
Conc: 46.49 ng/ml



#11 alpha-Chlordane

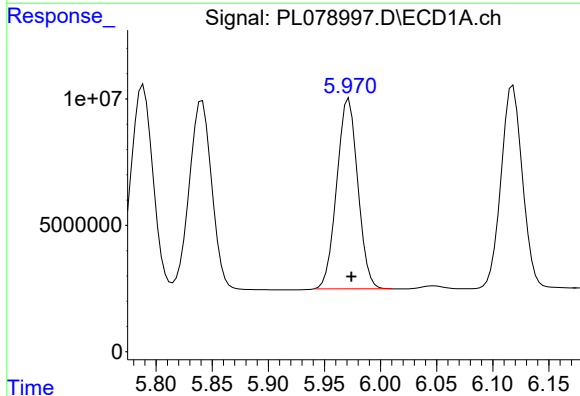
R.T.: 5.789 min  
Delta R.T.: -0.002 min  
Response: 113333318  
Conc: 48.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



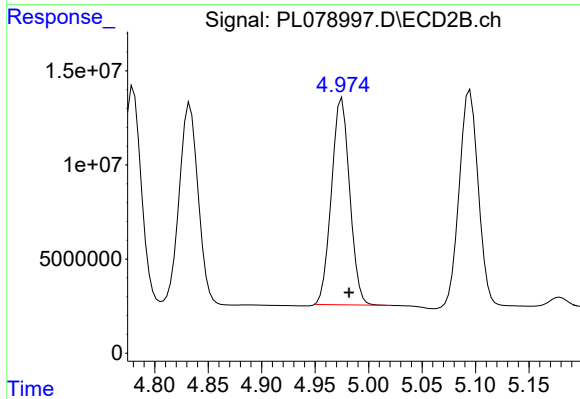
#11 alpha-Chlordane

R.T.: 4.780 min  
Delta R.T.: -0.007 min  
Response: 139476618  
Conc: 46.80 ng/ml



#12 4,4'-DDE

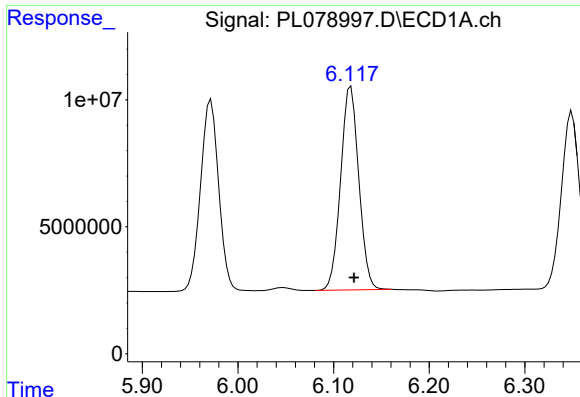
R.T.: 5.972 min  
Delta R.T.: -0.002 min  
Response: 98301503  
Conc: 49.12 ng/ml



#12 4,4'-DDE

R.T.: 4.975 min  
Delta R.T.: -0.007 min  
Response: 130393721  
Conc: 47.89 ng/ml

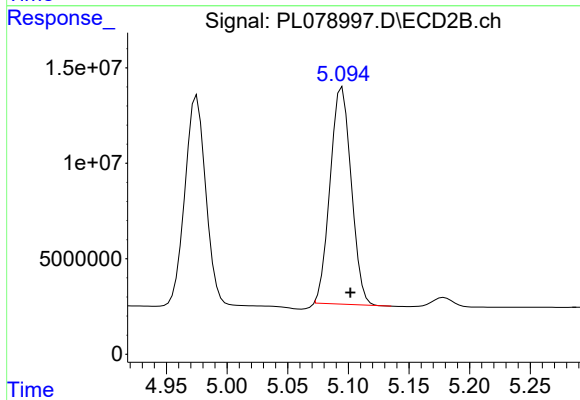




#13 Dieldrin

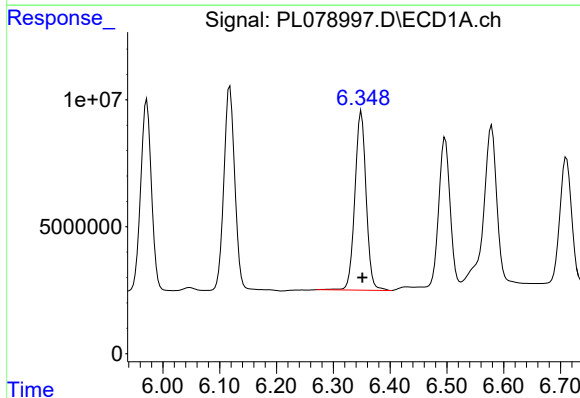
R.T.: 6.118 min  
Delta R.T.: -0.003 min  
Response: 106299059  
Conc: 49.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



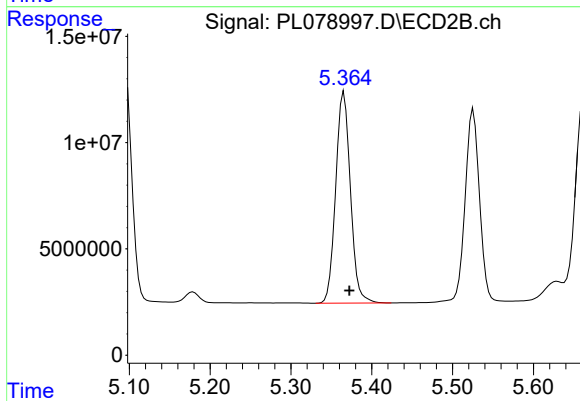
#13 Dieldrin

R.T.: 5.095 min  
Delta R.T.: -0.007 min  
Response: 137410436  
Conc: 46.37 ng/ml



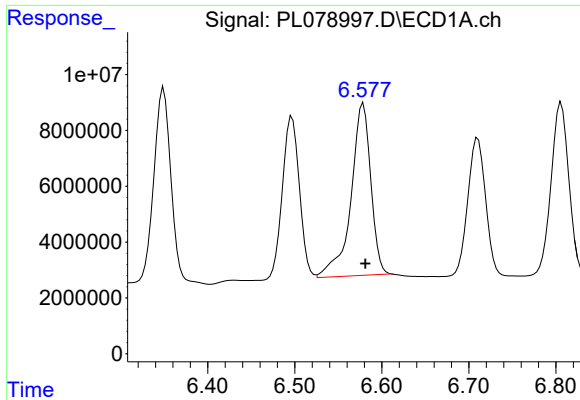
#14 Endrin

R.T.: 6.349 min  
Delta R.T.: -0.002 min  
Response: 97018536  
Conc: 51.12 ng/ml



#14 Endrin

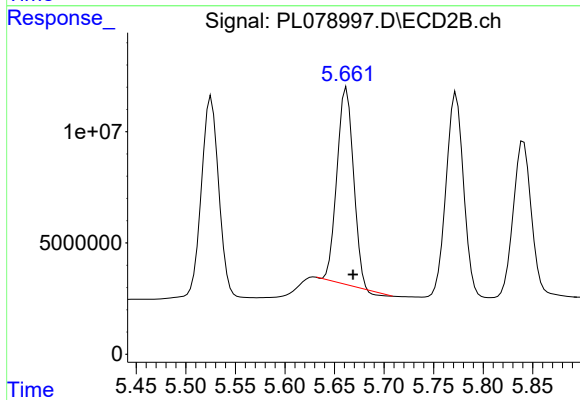
R.T.: 5.366 min  
Delta R.T.: -0.007 min  
Response: 125764627  
Conc: 48.27 ng/ml



#15 Endosulfan II

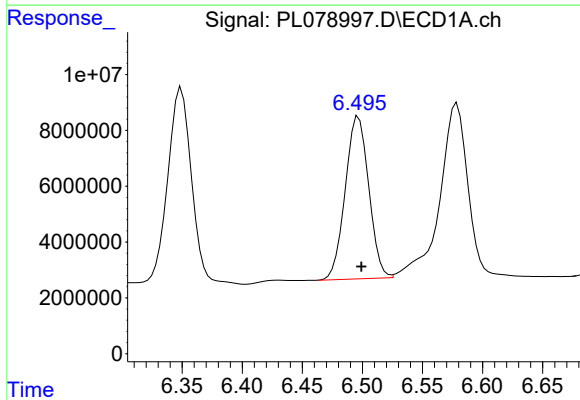
R.T.: 6.579 min  
Delta R.T.: -0.003 min  
Response: 97756436  
Conc: 52.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



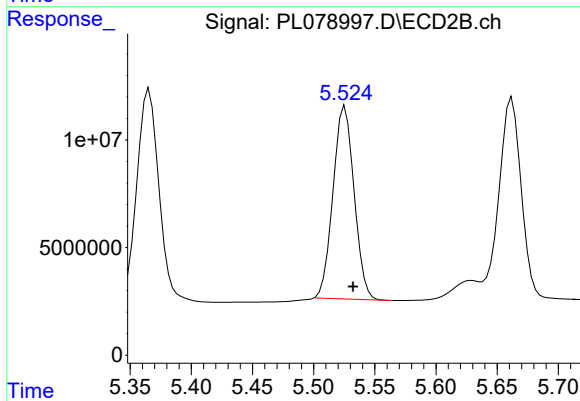
#15 Endosulfan II

R.T.: 5.662 min  
Delta R.T.: -0.006 min  
Response: 100707107  
Conc: 44.24 ng/ml



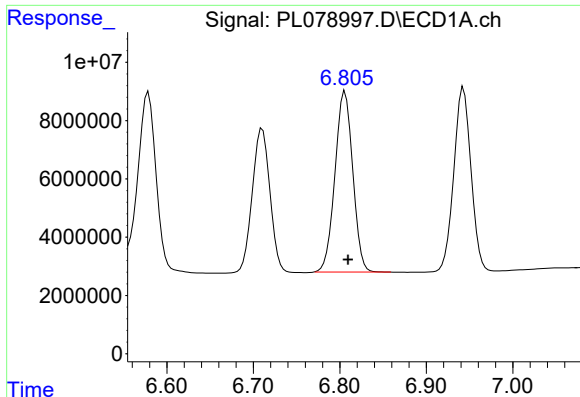
#16 4,4'-DDD

R.T.: 6.497 min  
Delta R.T.: -0.002 min  
Response: 79344589  
Conc: 47.60 ng/ml



#16 4,4'-DDD

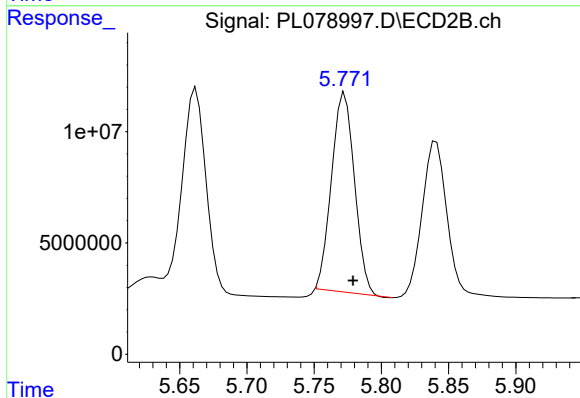
R.T.: 5.526 min  
Delta R.T.: -0.006 min  
Response: 107112252  
Conc: 48.77 ng/ml



#17 4,4'-DDT

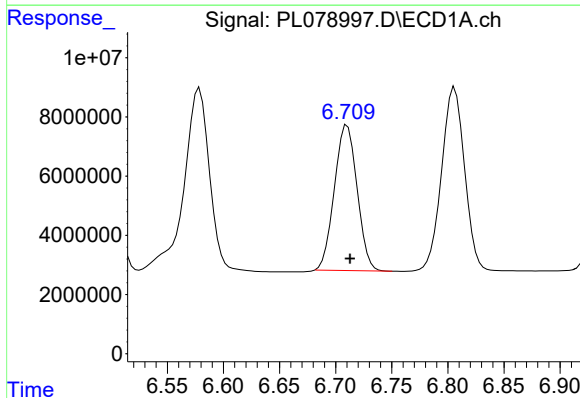
R.T.: 6.806 min  
Delta R.T.: -0.003 min  
Response: 88232391  
Conc: 49.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



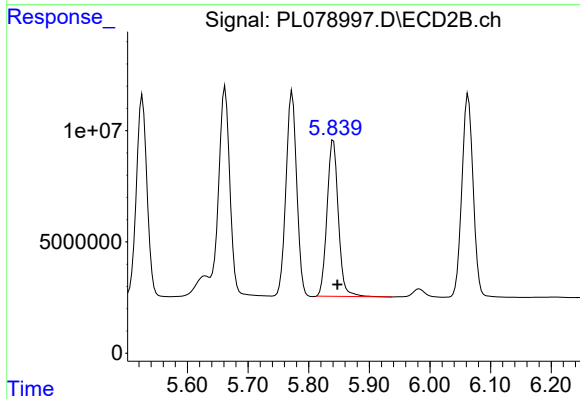
#17 4,4'-DDT

R.T.: 5.773 min  
Delta R.T.: -0.006 min  
Response: 105885789  
Conc: 48.81 ng/ml



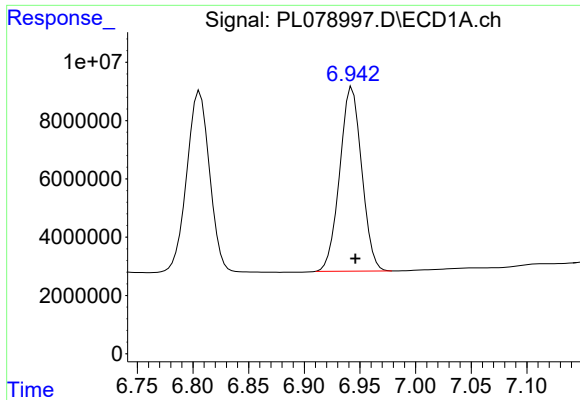
#18 Endrin aldehyde

R.T.: 6.710 min  
Delta R.T.: -0.002 min  
Response: 69320555  
Conc: 47.64 ng/ml



#18 Endrin aldehyde

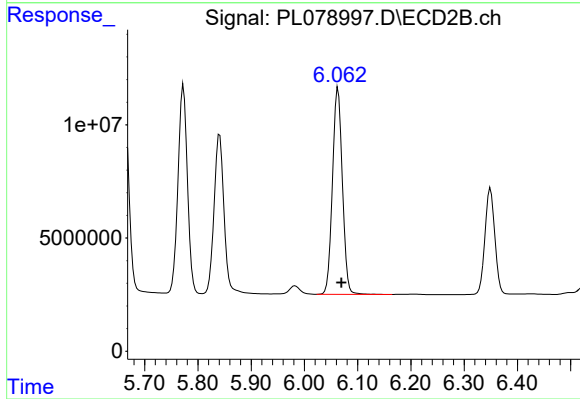
R.T.: 5.841 min  
Delta R.T.: -0.006 min  
Response: 91052241  
Conc: 48.52 ng/ml



#19 Endosulfan Sulfate

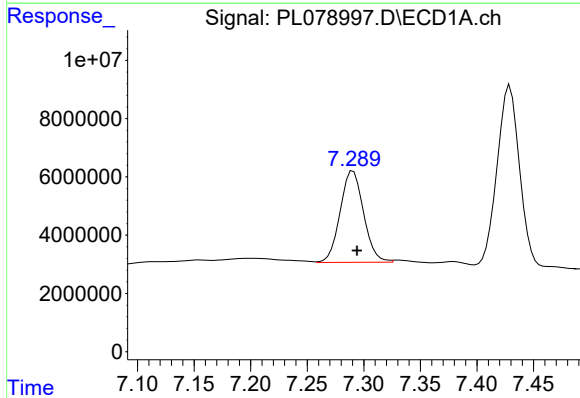
R.T.: 6.943 min  
Delta R.T.: -0.003 min  
Response: 87019776  
Conc: 47.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



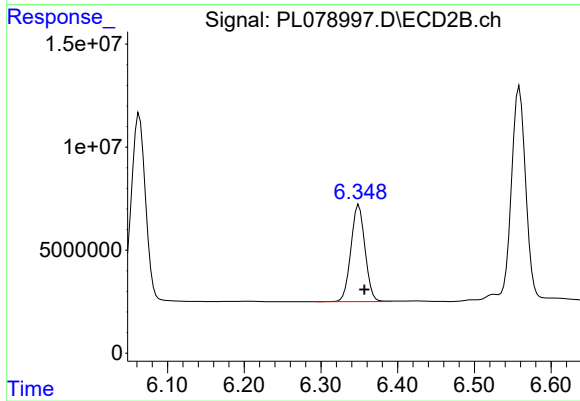
#19 Endosulfan Sulfate

R.T.: 6.063 min  
Delta R.T.: -0.006 min  
Response: 118124309  
Conc: 49.62 ng/ml



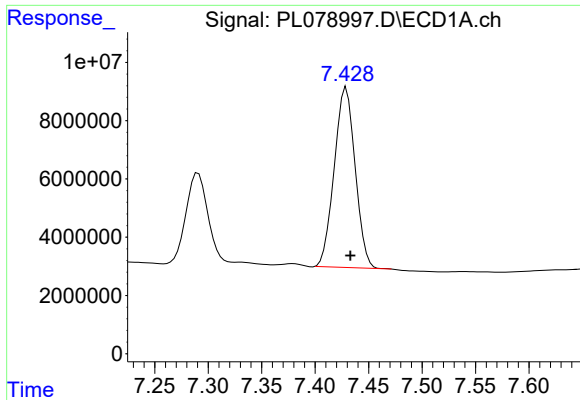
#20 Methoxychlor

R.T.: 7.291 min  
Delta R.T.: -0.003 min  
Response: 45313125  
Conc: 49.21 ng/ml



#20 Methoxychlor

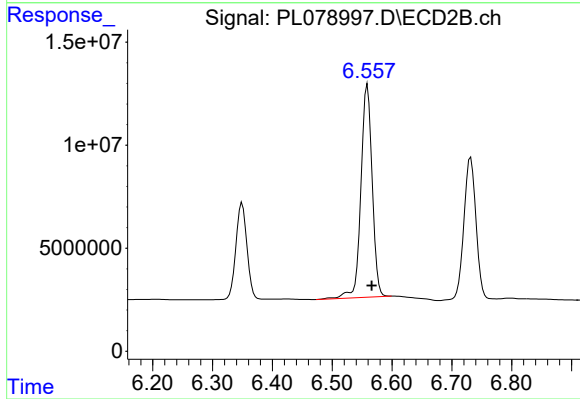
R.T.: 6.349 min  
Delta R.T.: -0.007 min  
Response: 60855440  
Conc: 53.63 ng/ml



#21 Endrin ketone

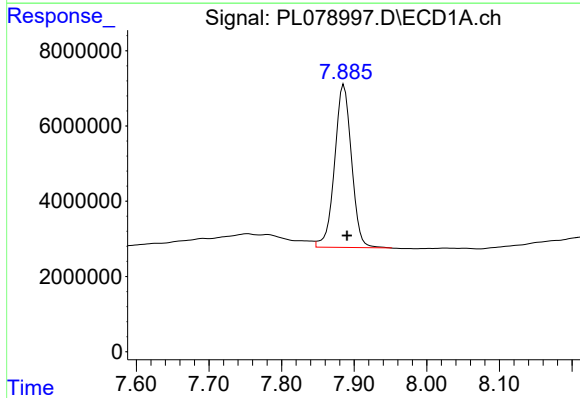
R.T.: 7.429 min  
Delta R.T.: -0.004 min  
Response: 84017632  
Conc: 44.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



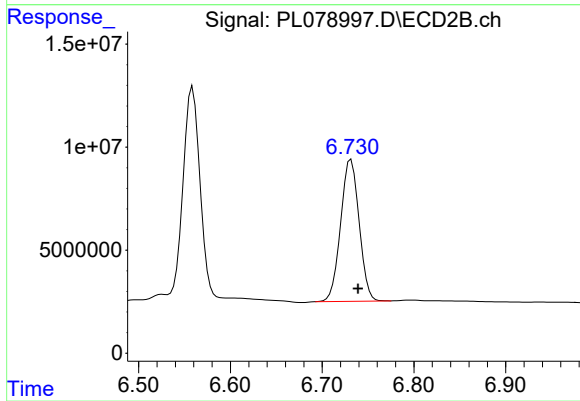
#21 Endrin ketone

R.T.: 6.559 min  
Delta R.T.: -0.007 min  
Response: 135507933  
Conc: 52.43 ng/ml



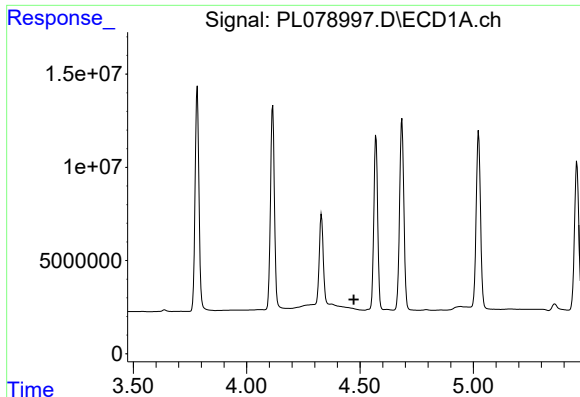
#22 Mirex

R.T.: 7.886 min  
Delta R.T.: -0.005 min  
Response: 69959543  
Conc: 47.92 ng/ml



#22 Mirex

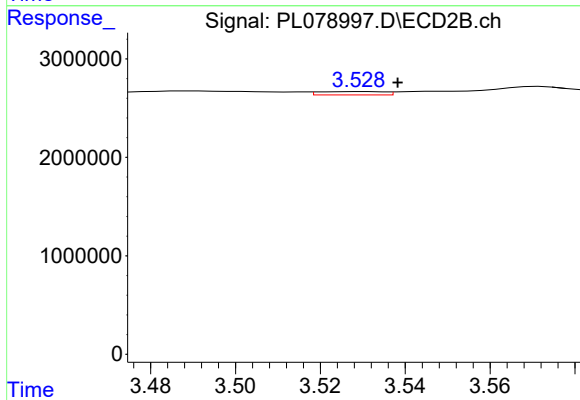
R.T.: 6.731 min  
Delta R.T.: -0.008 min  
Response: 96206364  
Conc: 48.89 ng/ml



#23 Chlordane-1

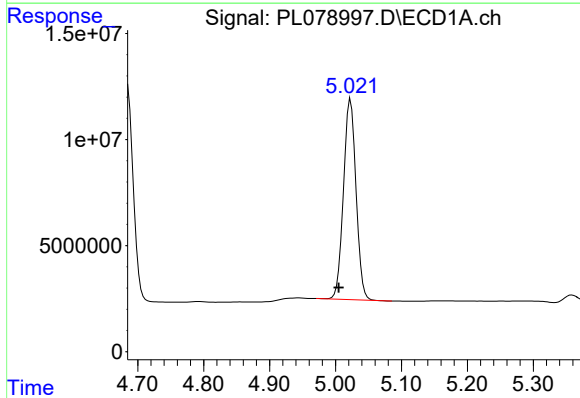
R.T.: 0.000 min  
Exp R.T.: 4.472 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



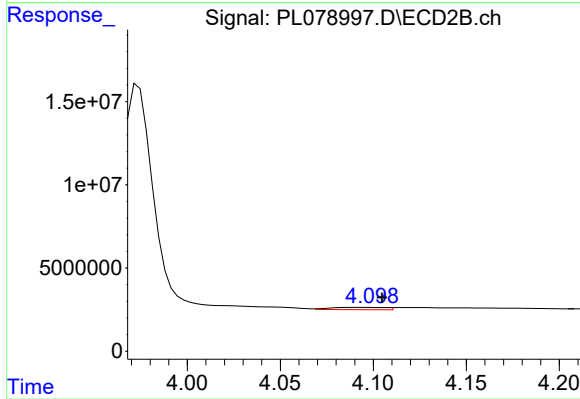
#23 Chlordane-1

R.T.: 3.530 min  
Delta R.T.: -0.008 min  
Response: 357878  
Conc: 3.55 ng/ml



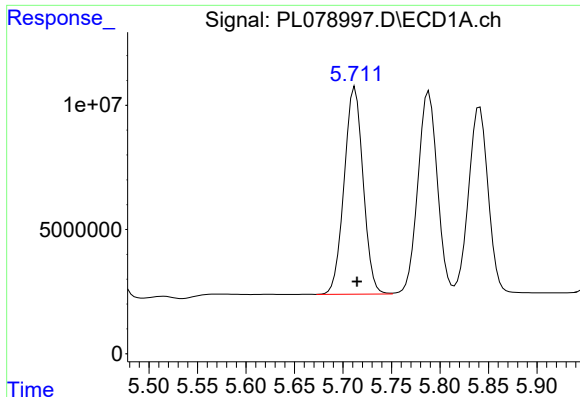
#24 Chlordane-2

R.T.: 5.023 min  
Delta R.T.: 0.018 min  
Response: 125225045  
Conc: 1513.41 ng/ml



#24 Chlordane-2

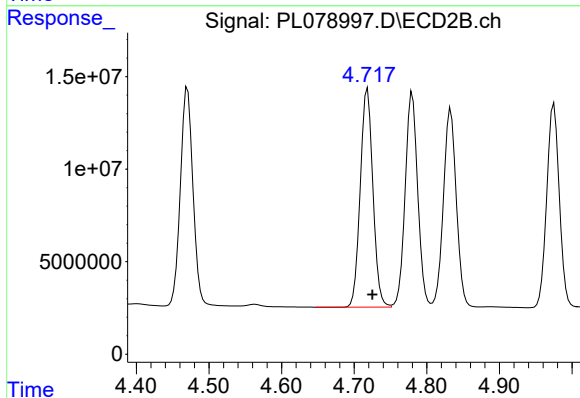
R.T.: 4.092 min  
Delta R.T.: -0.012 min  
Response: 2852037  
Conc: 26.80 ng/ml



#25 Chlordane-3

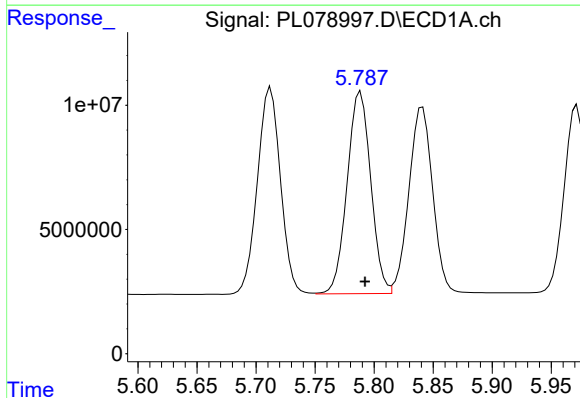
R.T.: 5.712 min  
Delta R.T.: -0.002 min  
Response: 113319985  
Conc: 339.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



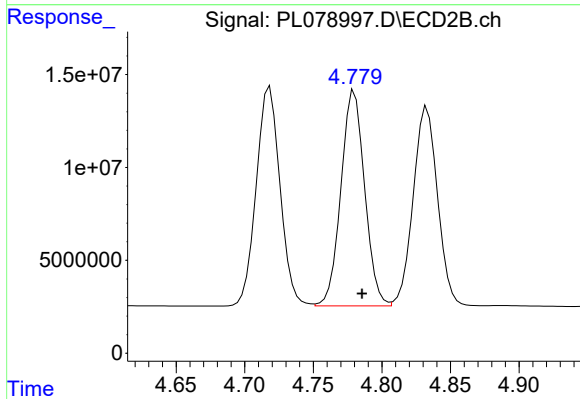
#25 Chlordane-3

R.T.: 4.718 min  
Delta R.T.: -0.007 min  
Response: 142467803  
Conc: 467.44 ng/ml



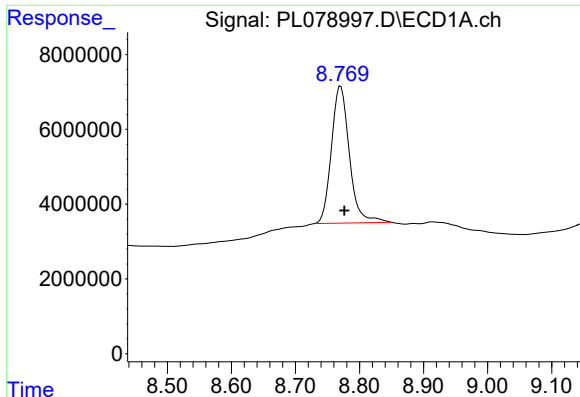
#26 Chlordane-4

R.T.: 5.789 min  
Delta R.T.: -0.004 min  
Response: 113333318  
Conc: 276.06 ng/ml



#26 Chlordane-4

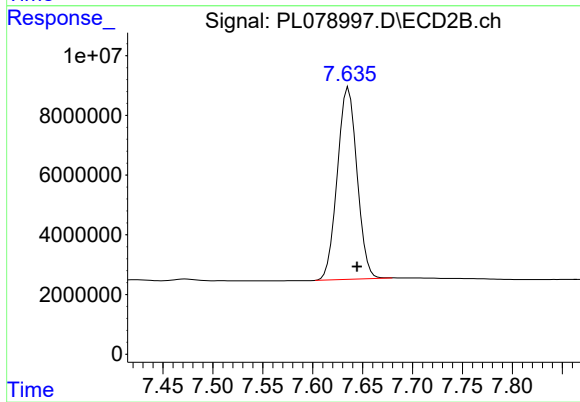
R.T.: 4.780 min  
Delta R.T.: -0.005 min  
Response: 139476618  
Conc: 426.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.771 min  
Delta R.T.: -0.006 min  
Response: 71394971  
Conc: 47.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.636 min  
Delta R.T.: -0.008 min  
Response: 88363995  
Conc: 46.65 ng/ml