

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111523\  
 Data File : PL086659.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Nov 2023 09:34  
 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 15 12:26:31 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 08 13:04:14 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

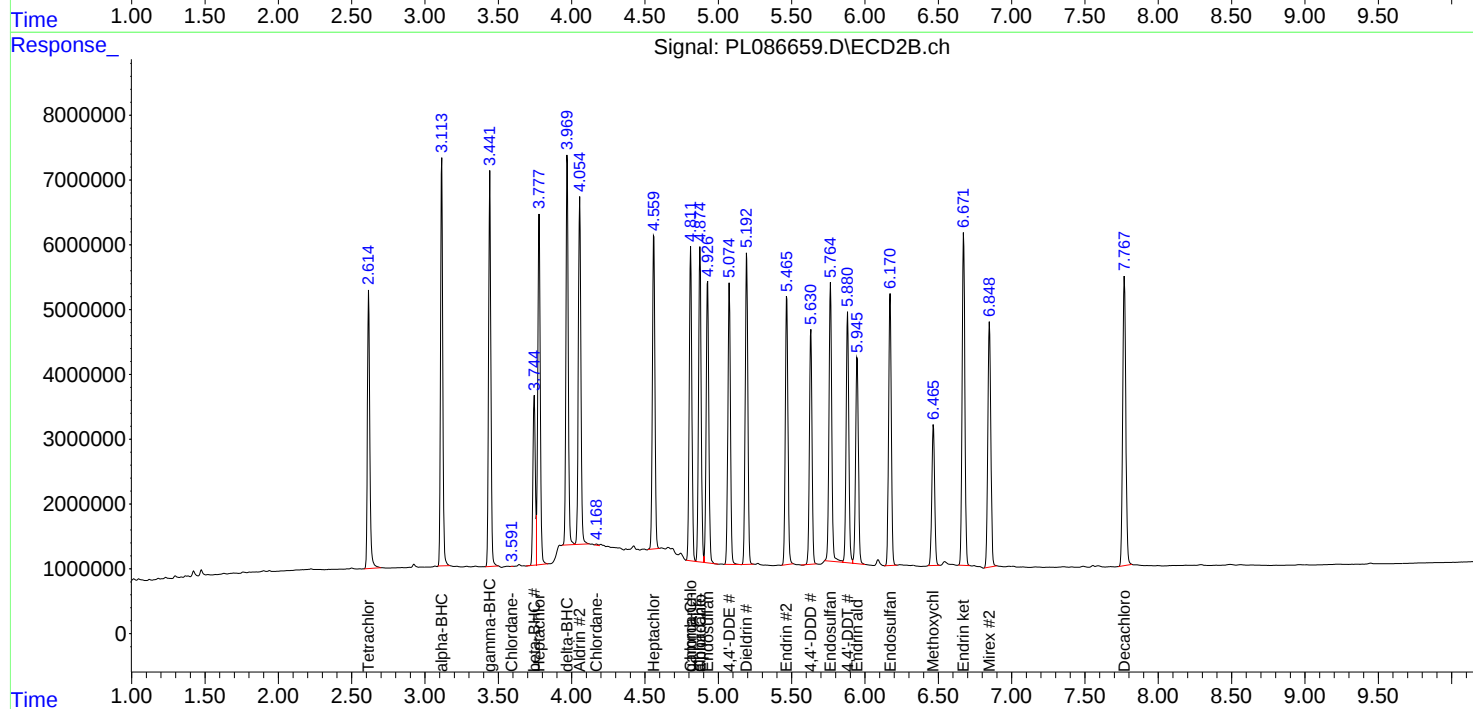
Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

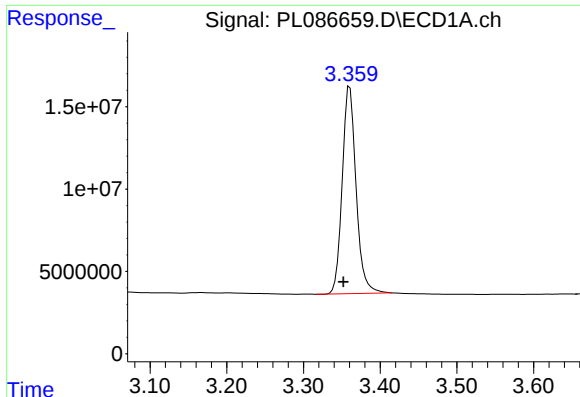
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|-----------|
| -----                       |                 |        |       |          |          |         |           |
| System Monitoring Compounds |                 |        |       |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.360  | 2.616 | 158.5E6  | 48498396 | 48.820  | 49.255    |
| 28)                         | SA Decachlor... | 8.861  | 7.769 | 163.6E6  | 64755115 | 55.894  | 53.623    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.815  | 3.114 | 238.1E6  | 66684744 | 49.493  | 50.028    |
| 3)                          | MA gamma-BHC... | 4.147  | 3.442 | 229.4E6  | 65646352 | 48.765  | 49.465    |
| 4)                          | MA Heptachlor   | 4.733  | 3.779 | 216.2E6  | 64758762 | 47.387  | 48.377    |
| 5)                          | MB Aldrin       | 5.073  | 4.055 | 228.8E6  | 64768142 | 50.540  | 49.772    |
| 6)                          | B beta-BHC      | 4.351  | 3.745 | 94257760 | 28540979 | 46.603  | 47.884    |
| 7)                          | B delta-BHC     | 4.593  | 3.970 | 224.0E6  | 66085280 | 48.790  | 50.513    |
| 8)                          | B Heptachlo...  | 5.503  | 4.560 | 194.2E6  | 59240222 | 49.958  | 49.325    |
| 9)                          | A Endosulfan I  | 5.886  | 4.927 | 186.3E6  | 54877831 | 49.666  | 47.727    |
| 10)                         | B gamma-Chl...  | 5.761  | 4.812 | 202.7E6  | 59741487 | 49.467  | 48.421    |
| 11)                         | B alpha-Chl...  | 5.840  | 4.875 | 201.6E6  | 60288123 | 49.662  | 48.212    |
| 12)                         | B 4,4'-DDE      | 6.023  | 5.075 | 175.5E6  | 52696806 | 50.592  | 51.335    |
| 13)                         | MA Dieldrin     | 6.163  | 5.193 | 196.2E6  | 59627662 | 49.899  | 49.974    |
| 14)                         | MA Endrin       | 6.392  | 5.467 | 155.7E6  | 52167247 | 45.214  | 47.627    |
| 15)                         | B Endosulfa...  | 6.615  | 5.765 | 169.5E6  | 56612093 | 47.681  | 51.580    |
| 16)                         | A 4,4'-DDD      | 6.543  | 5.631 | 138.9E6  | 45129439 | 52.177  | 52.970    |
| 17)                         | MA 4,4'-DDT     | 6.858  | 5.882 | 147.2E6  | 50092684 | 49.645  | 51.242    |
| 18)                         | B Endrin al...  | 6.746  | 5.947 | 125.4E6  | 42759361 | 47.305  | 45.646    |
| 19)                         | B Endosulfa...  | 6.982  | 6.171 | 162.5E6  | 53987870 | 48.413  | 49.705    |
| 20)                         | A Methoxychlor  | 7.343  | 6.466 | 79643299 | 29347528 | 49.906  | 49.062    |
| 21)                         | B Endrin ke...  | 7.463  | 6.673 | 175.4E6  | 66732381 | 51.461  | 52.081    |
| 22)                         | Mirex           | 7.935  | 6.849 | 137.3E6  | 54707036 | 48.634  | 48.127    |
| 23)                         | Chlordane-1     | 0.000  | 3.593 | 0        | 5574     | N.D.    | 0.159 #   |
| 24)                         | Chlordane-2     | 5.021f | 4.170 | 4216206  | 224282   | 27.817  | 4.966 #   |
| 25)                         | Chlordane-3     | 5.761  | 4.812 | 202.7E6  | 59741487 | 350.390 | 506.661 # |
| 26)                         | Chlordane-4     | 5.840  | 4.875 | 201.6E6  | 60288123 | 282.020 | 472.201 # |
| -----                       |                 |        |       |          |          |         |           |

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

Instrument :  
ECD\_L  
ClientSampleId :

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

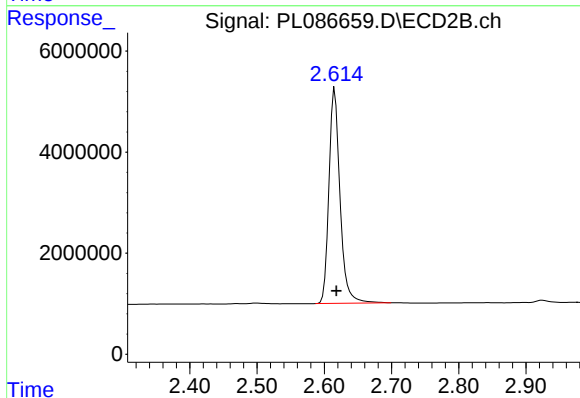




#1 Tetrachloro-m-xylene

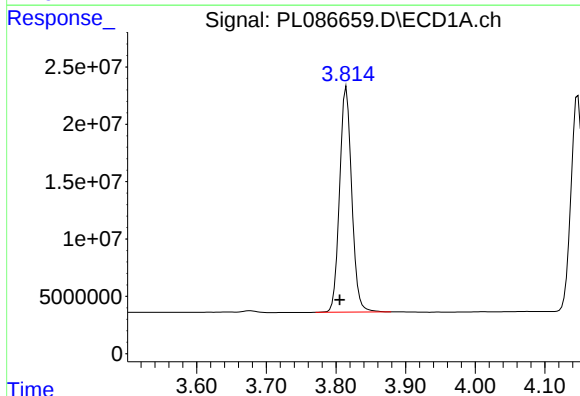
R.T.: 3.360 min  
Delta R.T.: 0.008 min  
Response: 158520126  
Conc: 48.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



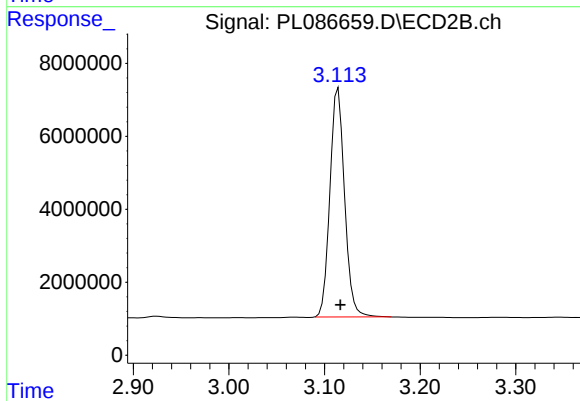
#1 Tetrachloro-m-xylene

R.T.: 2.616 min  
Delta R.T.: -0.002 min  
Response: 48498396  
Conc: 49.25 ng/ml



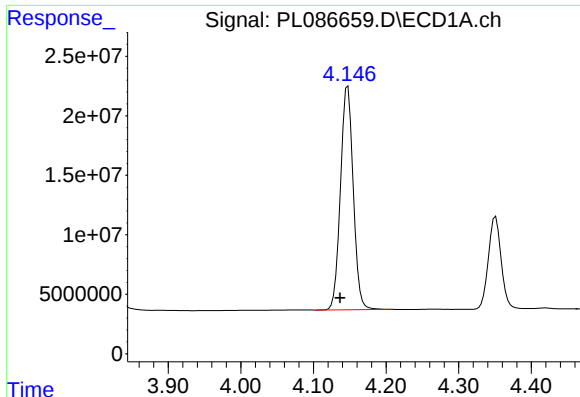
#2 alpha-BHC

R.T.: 3.815 min  
Delta R.T.: 0.009 min  
Response: 238080817  
Conc: 49.49 ng/ml



#2 alpha-BHC

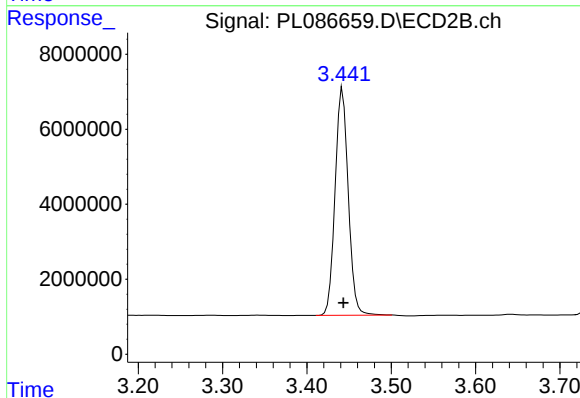
R.T.: 3.114 min  
Delta R.T.: -0.002 min  
Response: 66684744  
Conc: 50.03 ng/ml



#3 gamma-BHC (Lindane)

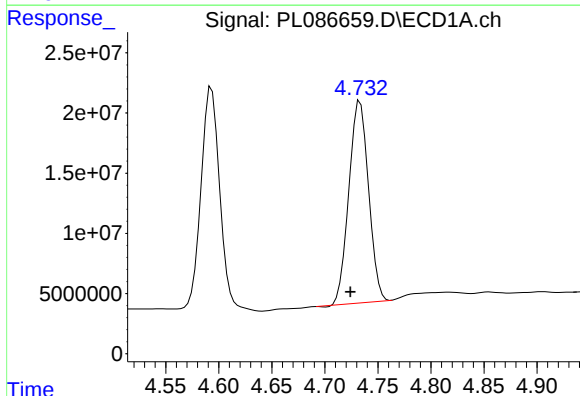
R.T.: 4.147 min  
Delta R.T.: 0.011 min  
Response: 229418831  
Conc: 48.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



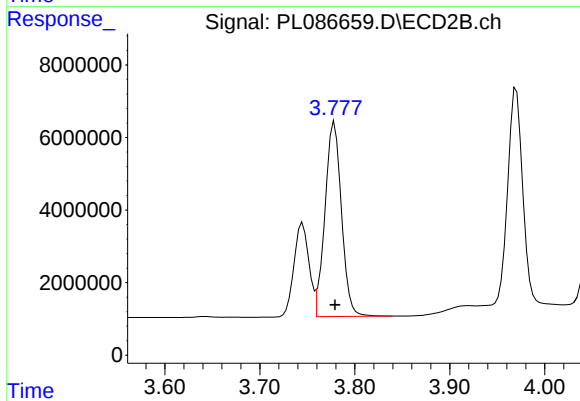
#3 gamma-BHC (Lindane)

R.T.: 3.442 min  
Delta R.T.: 0.000 min  
Response: 65646352  
Conc: 49.47 ng/ml



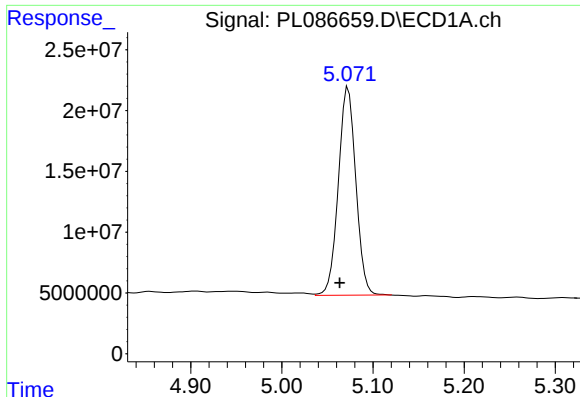
#4 Heptachlor

R.T.: 4.733 min  
Delta R.T.: 0.009 min  
Response: 216177859  
Conc: 47.39 ng/ml



#4 Heptachlor

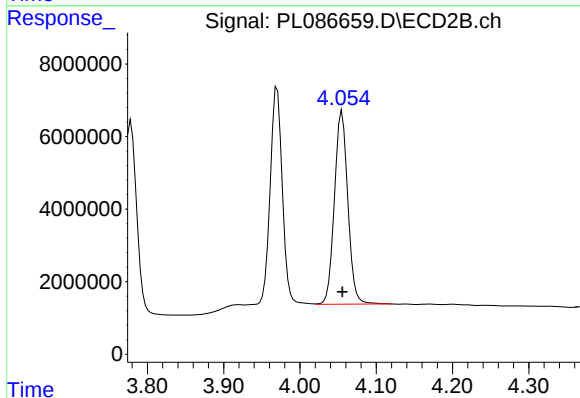
R.T.: 3.779 min  
Delta R.T.: 0.000 min  
Response: 64758762  
Conc: 48.38 ng/ml



#5 Aldrin

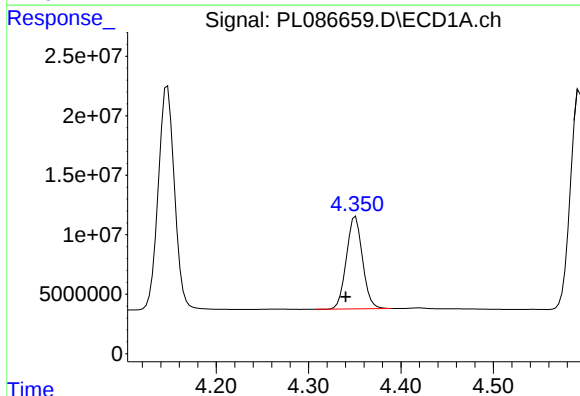
R.T.: 5.073 min  
Delta R.T.: 0.010 min  
Response: 228811457  
Conc: 50.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



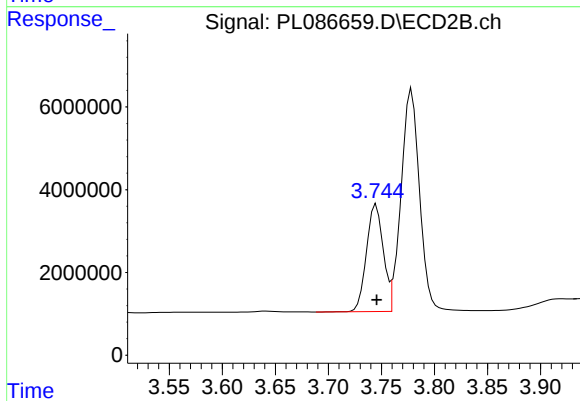
#5 Aldrin

R.T.: 4.055 min  
Delta R.T.: 0.000 min  
Response: 64768142  
Conc: 49.77 ng/ml



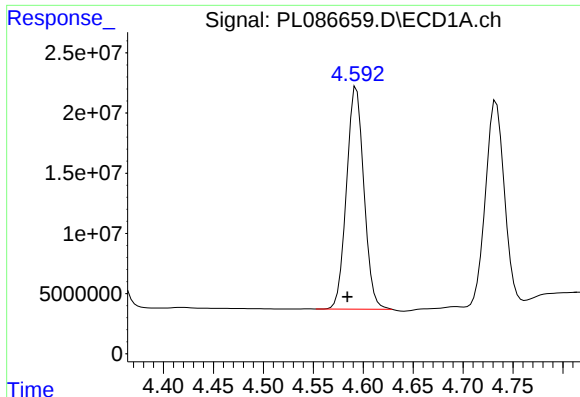
#6 beta-BHC

R.T.: 4.351 min  
Delta R.T.: 0.011 min  
Response: 94257760  
Conc: 46.60 ng/ml



#6 beta-BHC

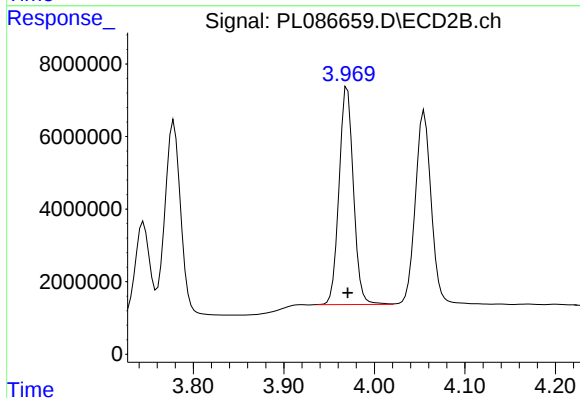
R.T.: 3.745 min  
Delta R.T.: 0.000 min  
Response: 28540979  
Conc: 47.88 ng/ml



#7 delta-BHC

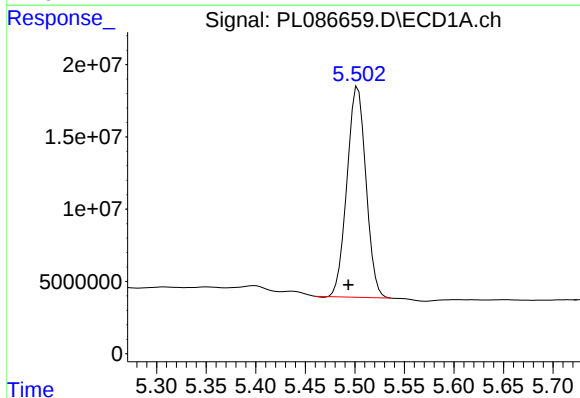
R.T.: 4.593 min  
Delta R.T.: 0.009 min  
Response: 224012710  
Conc: 48.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



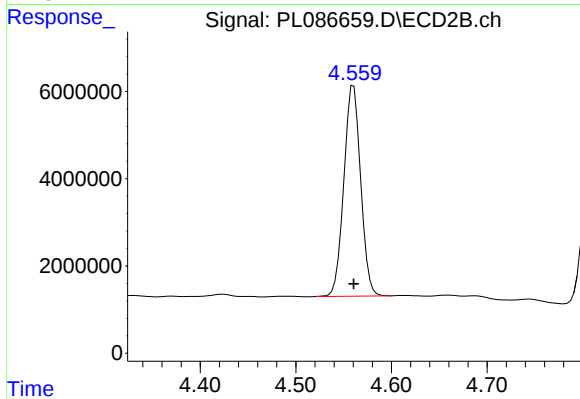
#7 delta-BHC

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 66085280  
Conc: 50.51 ng/ml



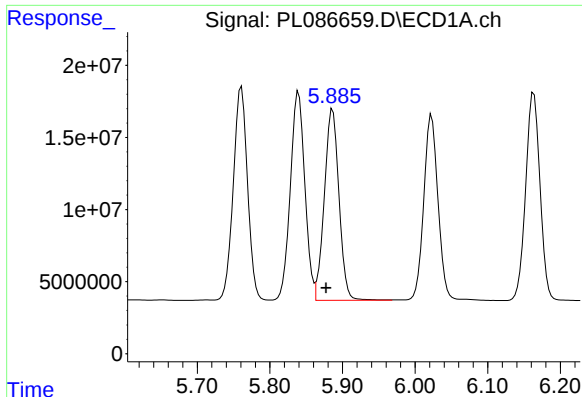
#8 Heptachlor epoxide

R.T.: 5.503 min  
Delta R.T.: 0.010 min  
Response: 194202165  
Conc: 49.96 ng/ml



#8 Heptachlor epoxide

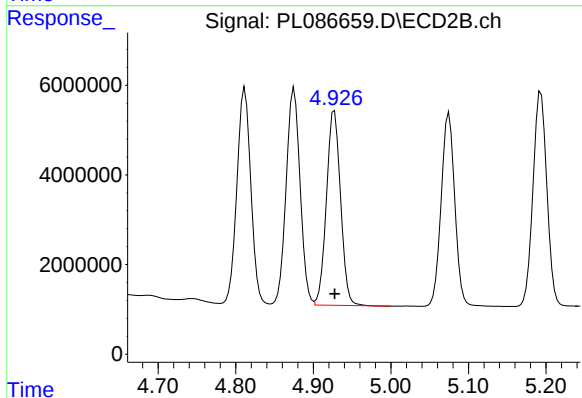
R.T.: 4.560 min  
Delta R.T.: 0.000 min  
Response: 59240222  
Conc: 49.33 ng/ml



#9 Endosulfan I

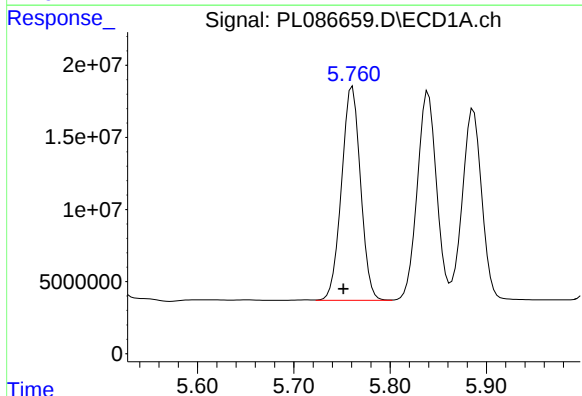
R.T.: 5.886 min  
Delta R.T.: 0.009 min  
Response: 186328325  
Conc: 49.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



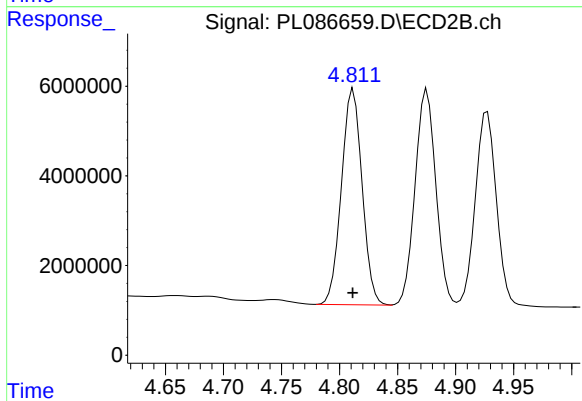
#9 Endosulfan I

R.T.: 4.927 min  
Delta R.T.: 0.000 min  
Response: 54877831  
Conc: 47.73 ng/ml



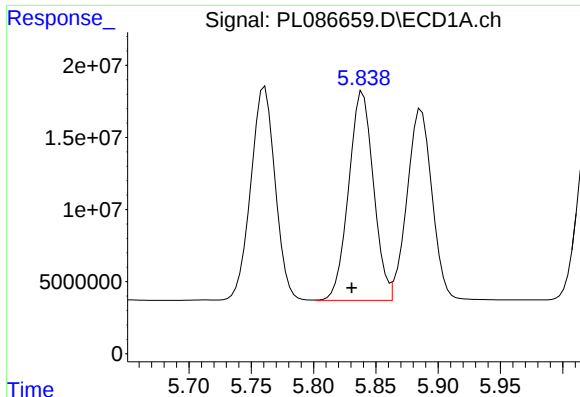
#10 gamma-Chlordane

R.T.: 5.761 min  
Delta R.T.: 0.010 min  
Response: 202678987  
Conc: 49.47 ng/ml



#10 gamma-Chlordane

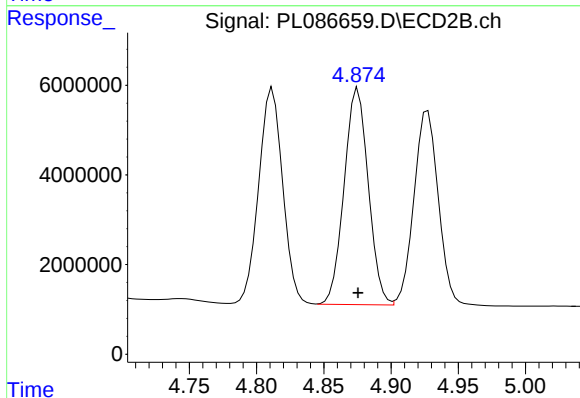
R.T.: 4.812 min  
Delta R.T.: 0.000 min  
Response: 59741487  
Conc: 48.42 ng/ml



#11 alpha-Chlordane

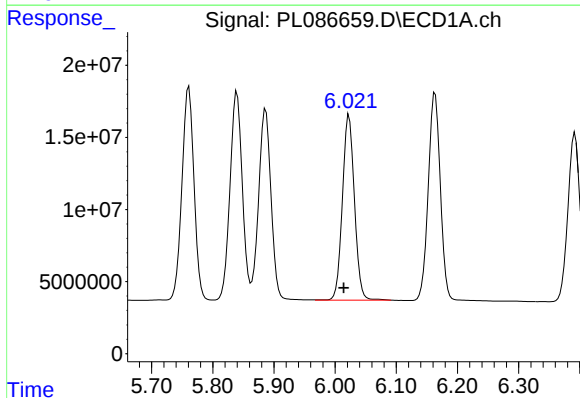
R.T.: 5.840 min  
Delta R.T.: 0.009 min  
Response: 201624493  
Conc: 49.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



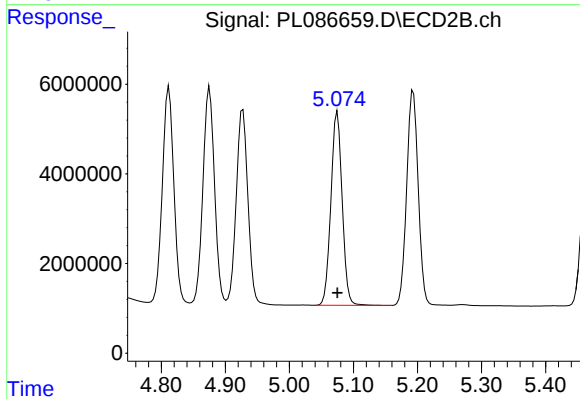
#11 alpha-Chlordane

R.T.: 4.875 min  
Delta R.T.: 0.000 min  
Response: 60288123  
Conc: 48.21 ng/ml



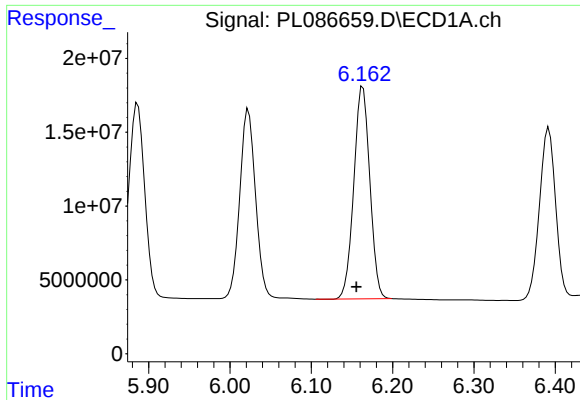
#12 4,4'-DDE

R.T.: 6.023 min  
Delta R.T.: 0.008 min  
Response: 175468703  
Conc: 50.59 ng/ml



#12 4,4'-DDE

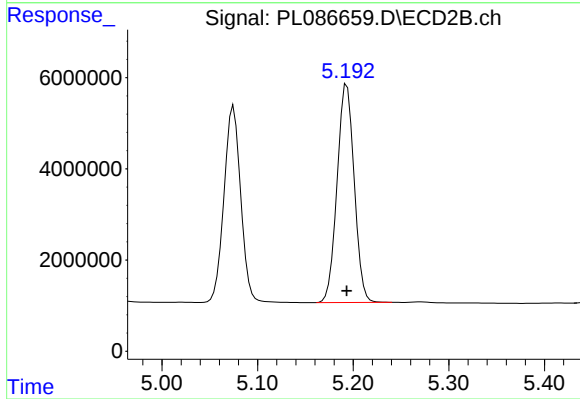
R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 52696806  
Conc: 51.34 ng/ml



#13 Dieldrin

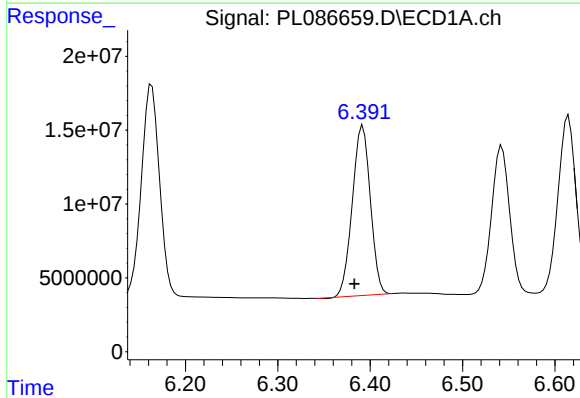
R.T.: 6.163 min  
Delta R.T.: 0.008 min  
Response: 196198997  
Conc: 49.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



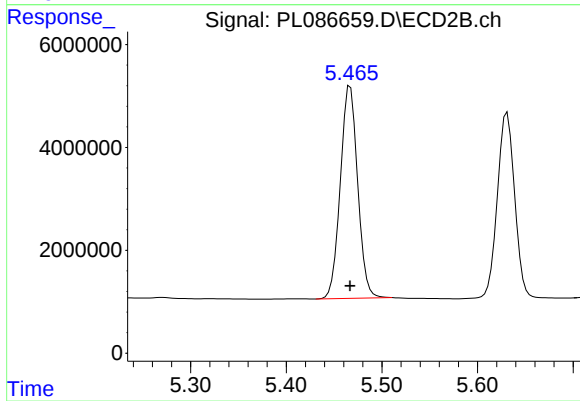
#13 Dieldrin

R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 59627662  
Conc: 49.97 ng/ml



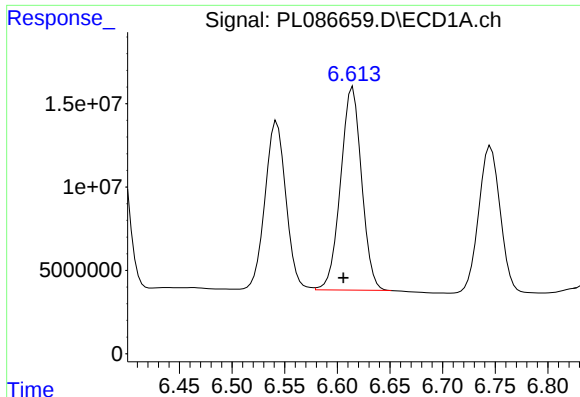
#14 Endrin

R.T.: 6.392 min  
Delta R.T.: 0.009 min  
Response: 155733338  
Conc: 45.21 ng/ml



#14 Endrin

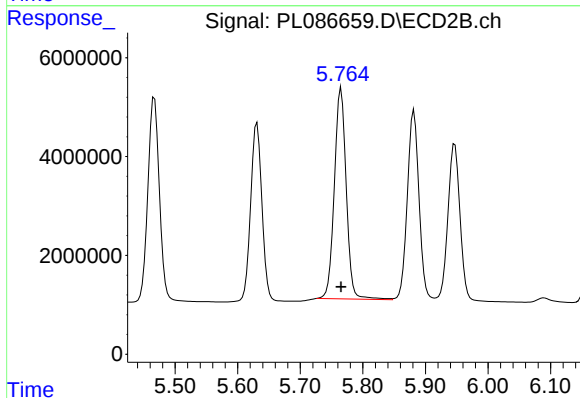
R.T.: 5.467 min  
Delta R.T.: 0.000 min  
Response: 52167247  
Conc: 47.63 ng/ml



#15 Endosulfan II

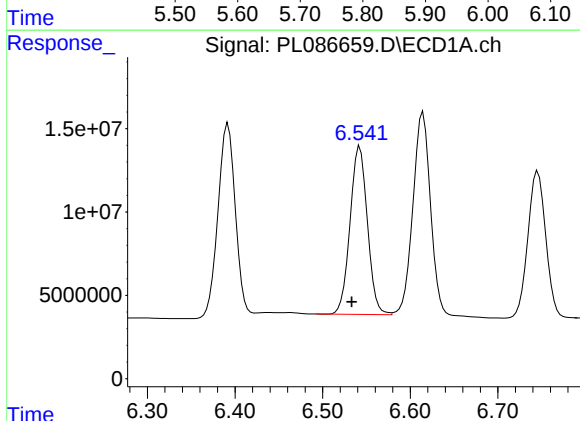
R.T.: 6.615 min  
Delta R.T.: 0.009 min  
Response: 169479289  
Conc: 47.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



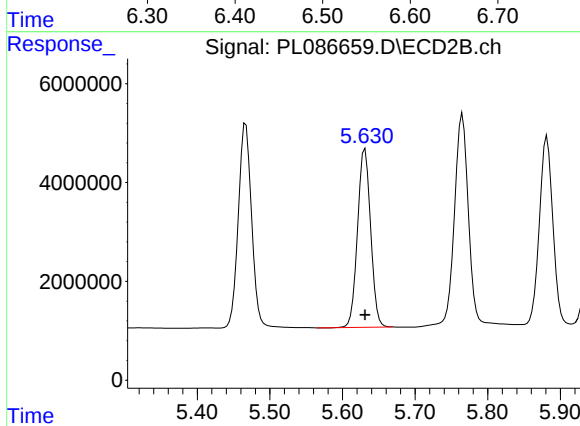
#15 Endosulfan II

R.T.: 5.765 min  
Delta R.T.: 0.000 min  
Response: 56612093  
Conc: 51.58 ng/ml



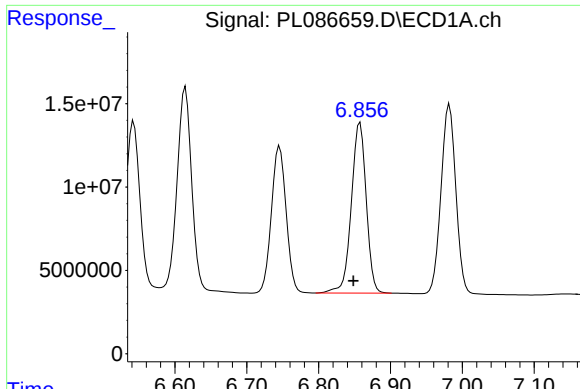
#16 4,4'-DDD

R.T.: 6.543 min  
Delta R.T.: 0.009 min  
Response: 138933927  
Conc: 52.18 ng/ml



#16 4,4'-DDD

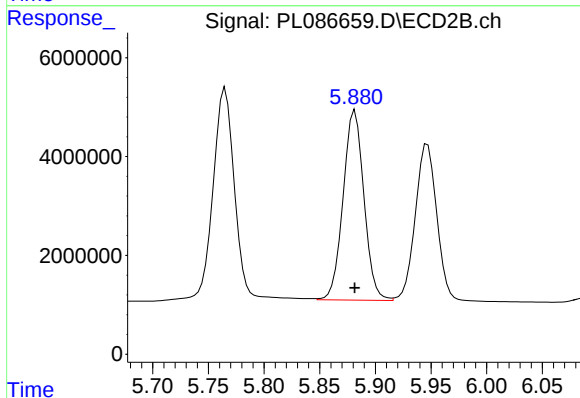
R.T.: 5.631 min  
Delta R.T.: 0.000 min  
Response: 45129439  
Conc: 52.97 ng/ml



#17 4,4'-DDT

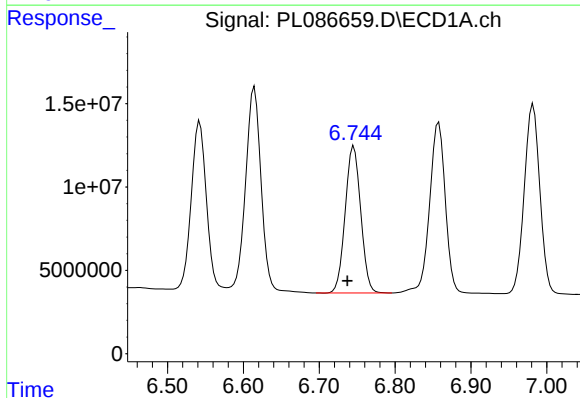
R.T.: 6.858 min  
Delta R.T.: 0.009 min  
Response: 147162961  
Conc: 49.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



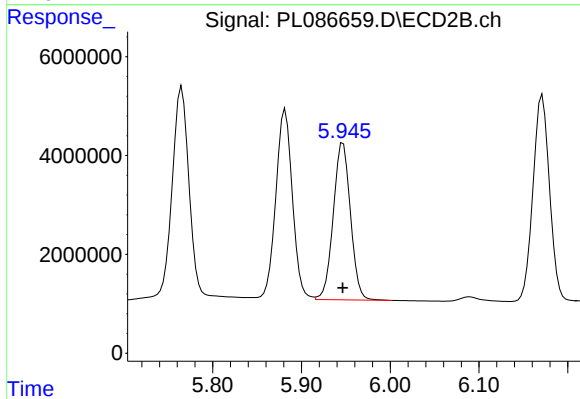
#17 4,4'-DDT

R.T.: 5.882 min  
Delta R.T.: 0.000 min  
Response: 50092684  
Conc: 51.24 ng/ml



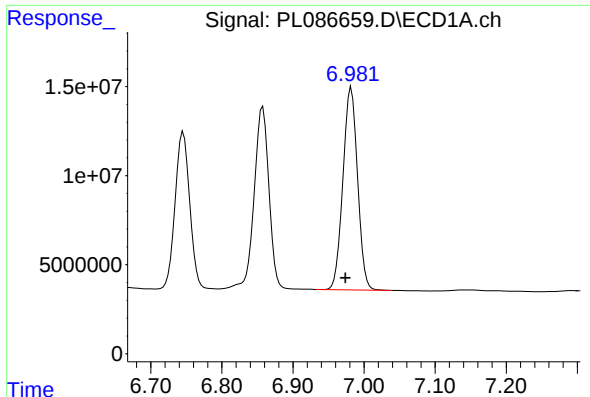
#18 Endrin aldehyde

R.T.: 6.746 min  
Delta R.T.: 0.009 min  
Response: 125412661  
Conc: 47.31 ng/ml



#18 Endrin aldehyde

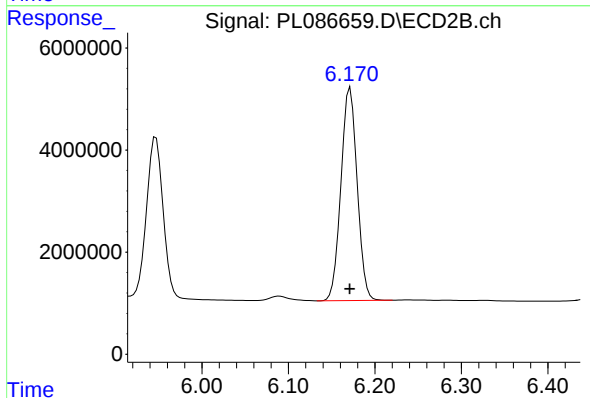
R.T.: 5.947 min  
Delta R.T.: 0.000 min  
Response: 42759361  
Conc: 45.65 ng/ml



#19 Endosulfan Sulfate

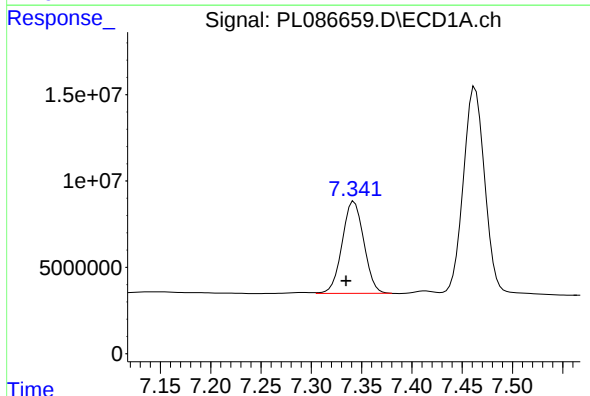
R.T.: 6.982 min  
Delta R.T.: 0.008 min  
Response: 162491564  
Conc: 48.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



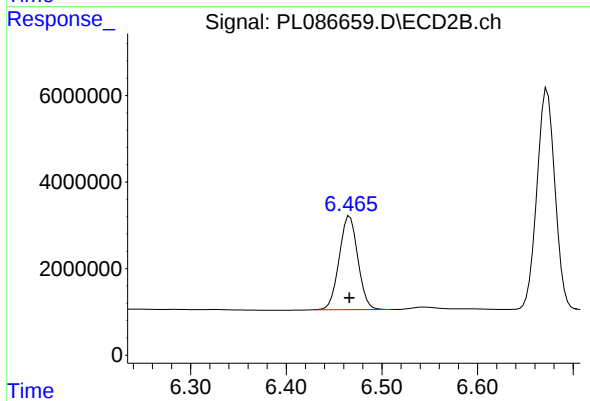
#19 Endosulfan Sulfate

R.T.: 6.171 min  
Delta R.T.: 0.000 min  
Response: 53987870  
Conc: 49.70 ng/ml



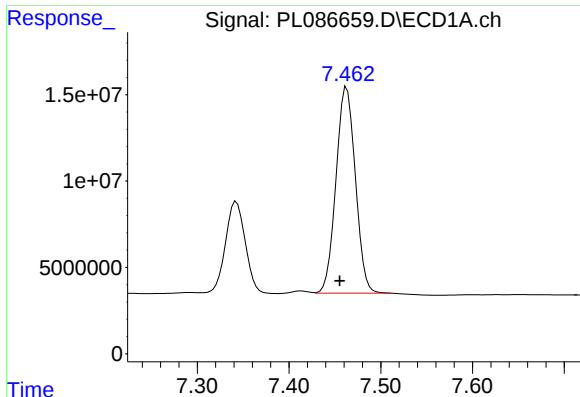
#20 Methoxychlor

R.T.: 7.343 min  
Delta R.T.: 0.008 min  
Response: 79643299  
Conc: 49.91 ng/ml



#20 Methoxychlor

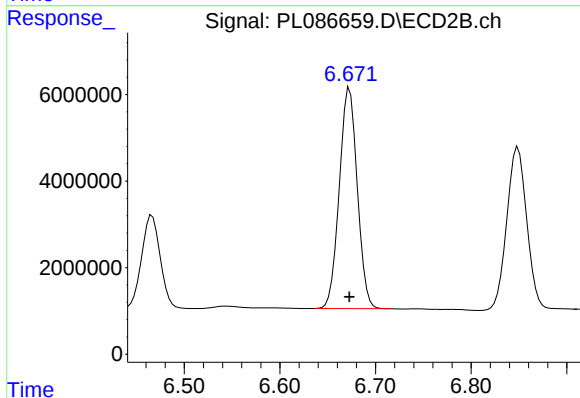
R.T.: 6.466 min  
Delta R.T.: 0.000 min  
Response: 29347528  
Conc: 49.06 ng/ml



#21 Endrin ketone

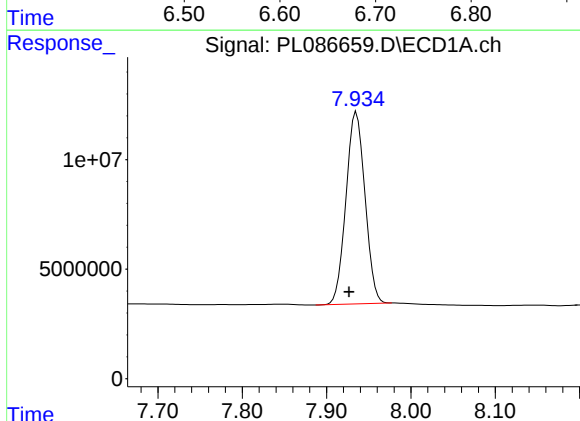
R.T.: 7.463 min  
Delta R.T.: 0.008 min  
Response: 175380866  
Conc: 51.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



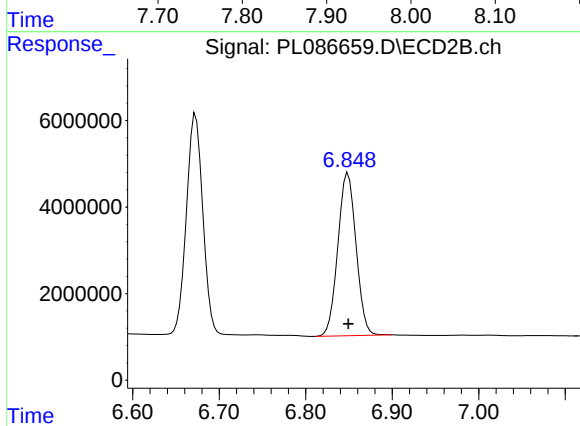
#21 Endrin ketone

R.T.: 6.673 min  
Delta R.T.: 0.000 min  
Response: 66732381  
Conc: 52.08 ng/ml



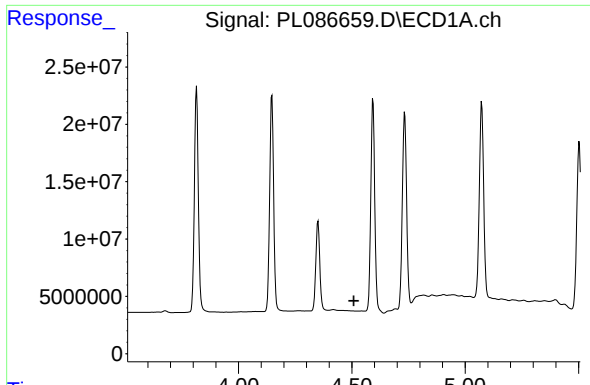
#22 Mirex

R.T.: 7.935 min  
Delta R.T.: 0.009 min  
Response: 137349251  
Conc: 48.63 ng/ml



#22 Mirex

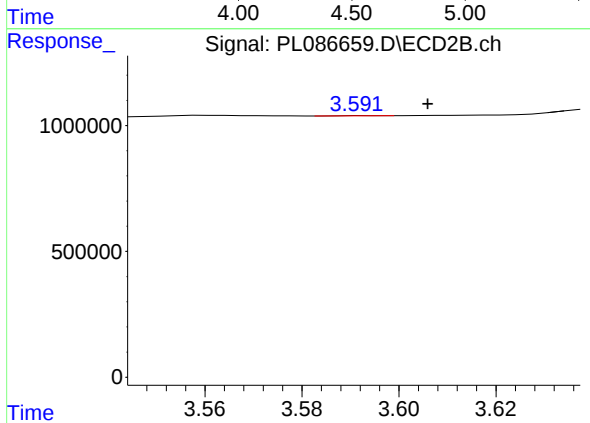
R.T.: 6.849 min  
Delta R.T.: 0.000 min  
Response: 54707036  
Conc: 48.13 ng/ml



#23 Chlordane-1

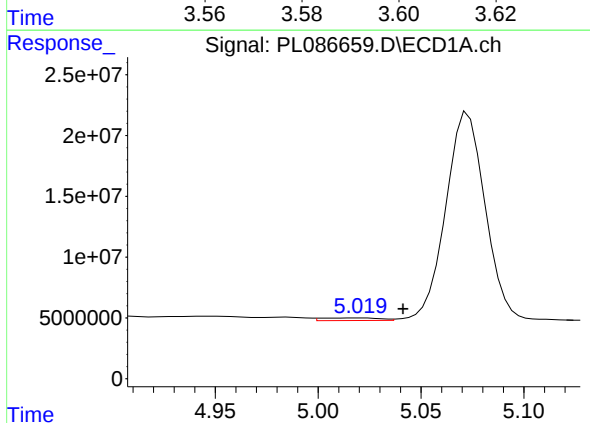
R.T.: 0.000 min  
Exp R.T.: 4.509 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



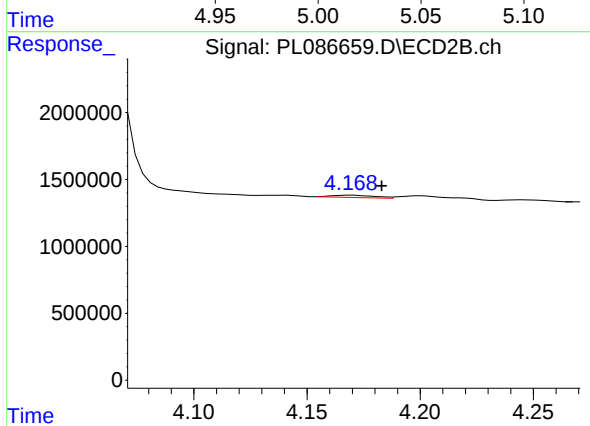
#23 Chlordane-1

R.T.: 3.593 min  
Delta R.T.: -0.013 min  
Response: 5574  
Conc: 0.16 ng/ml



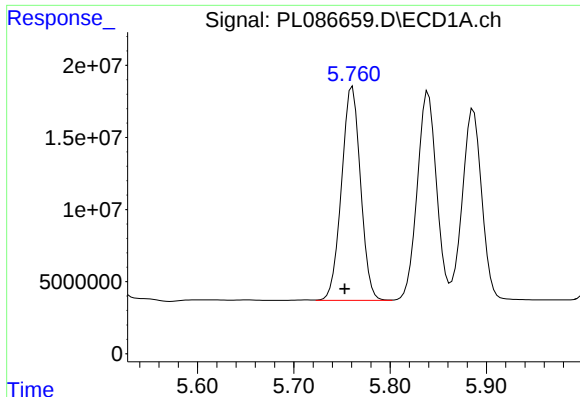
#24 Chlordane-2

R.T.: 5.021 min  
Delta R.T.: -0.021 min  
Response: 4216206  
Conc: 27.82 ng/ml



#24 Chlordane-2

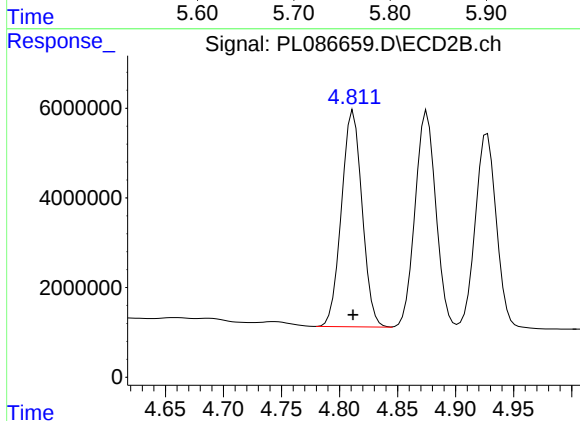
R.T.: 4.170 min  
Delta R.T.: -0.014 min  
Response: 224282  
Conc: 4.97 ng/ml



#25 Chlordane-3

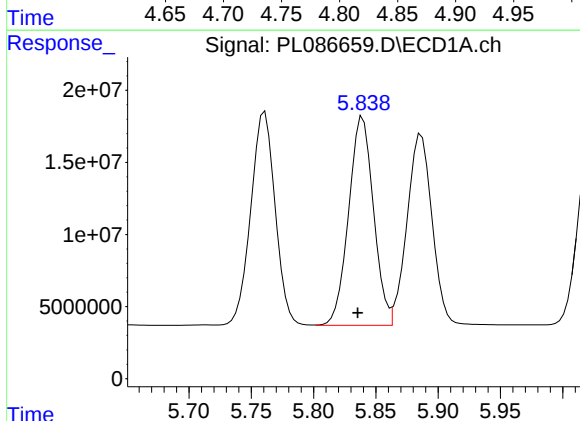
R.T.: 5.761 min  
Delta R.T.: 0.008 min  
Response: 202678987  
Conc: 350.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



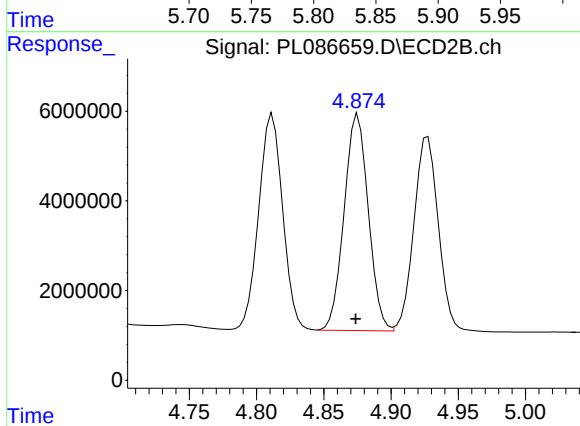
#25 Chlordane-3

R.T.: 4.812 min  
Delta R.T.: 0.000 min  
Response: 59741487  
Conc: 506.66 ng/ml



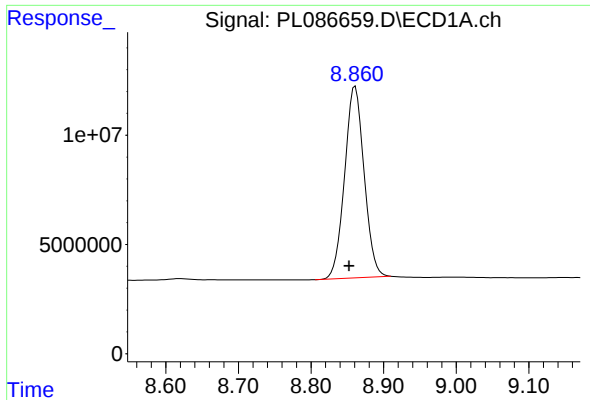
#26 Chlordane-4

R.T.: 5.840 min  
Delta R.T.: 0.004 min  
Response: 201624493  
Conc: 282.02 ng/ml



#26 Chlordane-4

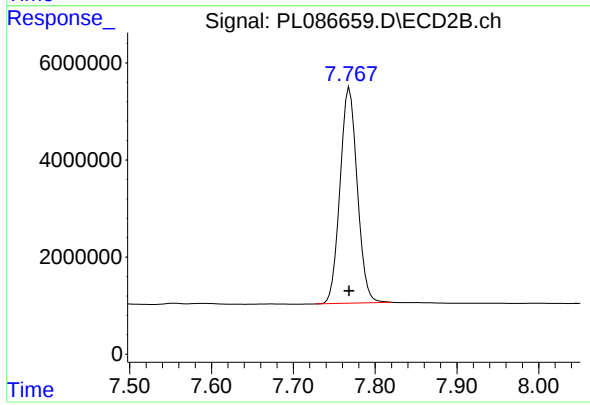
R.T.: 4.875 min  
Delta R.T.: 0.002 min  
Response: 60288123  
Conc: 472.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.861 min  
Delta R.T.: 0.008 min  
Response: 163610182  
Conc: 55.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.769 min  
Delta R.T.: 0.000 min  
Response: 64755115  
Conc: 53.62 ng/ml