

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112223\  
 Data File : PL086816.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Nov 2023 16:38  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

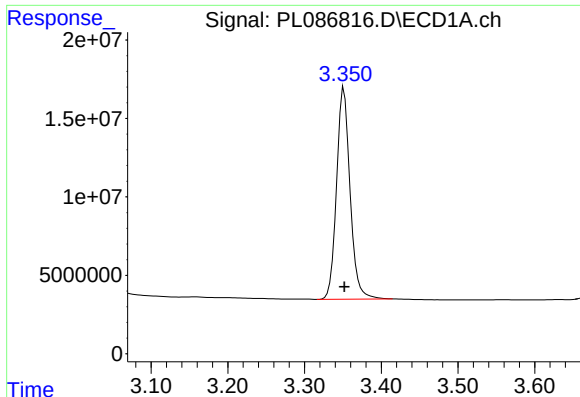
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 22 20:55:06 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 08 13:04:14 2023  
 Response via : Initial Calibration  
 Integrator: 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... | 3.351  | 2.617 | 165.2E6  | 52393620 | 50.868   | 53.211    |
| 28)                         | SA Decachlor... | 8.854  | 7.768 | 133.2E6  | 60624346 | 45.516   | 50.203    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.806  | 3.115 | 246.7E6  | 72797893 | 51.288   | 54.614    |
| 3)                          | MA gamma-BHC... | 4.137  | 3.443 | 236.4E6  | 72138783 | 50.240   | 54.357    |
| 4)                          | MA Heptachlor   | 4.724  | 3.778 | 223.7E6  | 70638617 | 49.030   | 52.769    |
| 5)                          | MB Aldrin       | 5.063  | 4.055 | 221.1E6  | 70209916 | 48.827   | 53.954    |
| 6)                          | B beta-BHC      | 4.341  | 3.745 | 98467883 | 31594357 | 48.685   | 53.007    |
| 7)                          | B delta-BHC     | 4.584  | 3.970 | 228.5E6  | 71760411 | 49.762   | 54.851    |
| 8)                          | B Heptachlo...  | 5.493  | 4.560 | 191.0E6  | 64071111 | 49.144   | 53.347    |
| 9)                          | A Endosulfan I  | 5.878  | 4.927 | 175.1E6  | 60659452 | 46.676   | 52.755    |
| 10)                         | B gamma-Chl...  | 5.752  | 4.811 | 190.6E6  | 66972994 | 46.509   | 54.283    |
| 11)                         | B alpha-Chl...  | 5.830  | 4.875 | 189.8E6  | 66381991 | 46.740   | 53.085    |
| 12)                         | B 4,4'-DDE      | 6.015  | 5.074 | 169.3E6  | 57938278 | 48.823   | 56.441    |
| 13)                         | MA Dieldrin     | 6.155  | 5.193 | 189.1E6  | 64138978 | 48.082   | 53.755    |
| 14)                         | MA Endrin       | 6.384  | 5.466 | 150.1E6  | 54720180 | 43.574   | 49.958    |
| 15)                         | B Endosulfa...  | 6.607  | 5.765 | 159.8E6  | 58023871 | 44.958   | 52.866    |
| 16)                         | A 4,4'-DDD      | 6.534  | 5.630 | 135.6E6  | 49977593 | 50.929   | 58.661    |
| 17)                         | MA 4,4'-DDT     | 6.848  | 5.881 | 131.3E6  | 49529888 | 44.288   | 50.666    |
| 18)                         | B Endrin al...  | 6.739  | 5.946 | 116.0E6  | 45573401 | 43.766   | 48.651    |
| 19)                         | B Endosulfa...  | 6.974  | 6.171 | 151.4E6  | 57358077 | 45.097   | 52.807    |
| 20)                         | A Methoxychlor  | 7.335  | 6.466 | 69339972 | 29423944 | 43.450   | 49.190    |
| 21)                         | B Endrin ke...  | 7.455  | 6.673 | 163.5E6  | 69526794 | 47.982   | 54.262    |
| 22)                         | Mirex           | 7.929  | 6.849 | 121.1E6  | 56479962 | 42.873   | 49.686    |
| 24)                         | Chlordane-2     | 5.063f | 4.196 | 221.1E6  | 98351    | 1458.447 | 2.178 #   |
| 25)                         | Chlordane-3     | 5.752  | 4.811 | 190.6E6  | 66972994 | 329.432  | 567.990 # |
| 26)                         | Chlordane-4     | 5.830  | 4.875 | 189.8E6  | 66381991 | 265.428  | 519.931 # |
| 27)                         | Chlordane-5     | 0.000  | 5.552 | 0        | 20708    | N.D.     | 0.570 #   |
| -----                       |                 |        |       |          |          |          |           |

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

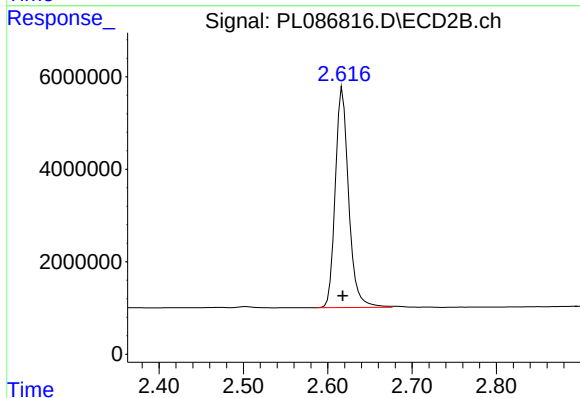




#1 Tetrachloro-m-xylene

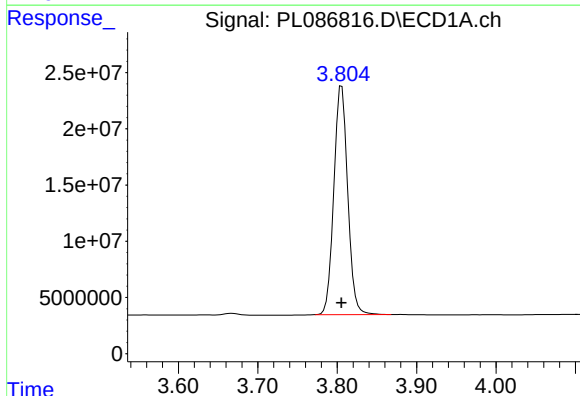
R.T.: 3.351 min  
Delta R.T.: 0.000 min  
Response: 165170996  
Conc: 50.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



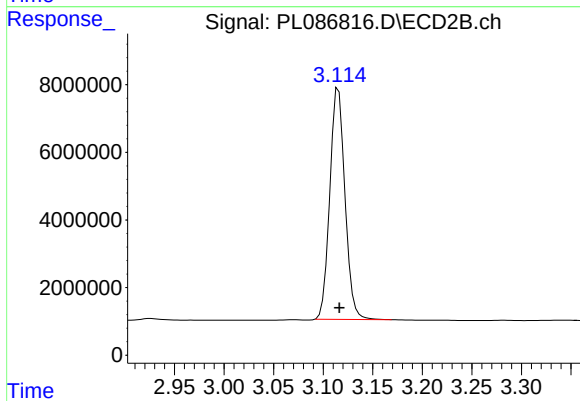
#1 Tetrachloro-m-xylene

R.T.: 2.617 min  
Delta R.T.: 0.000 min  
Response: 52393620  
Conc: 53.21 ng/ml



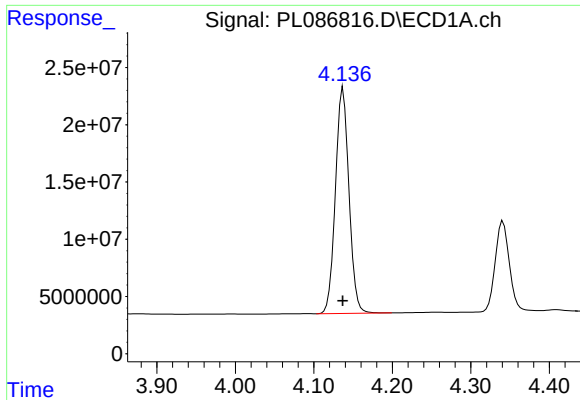
#2 alpha-BHC

R.T.: 3.806 min  
Delta R.T.: 0.000 min  
Response: 246718766  
Conc: 51.29 ng/ml



#2 alpha-BHC

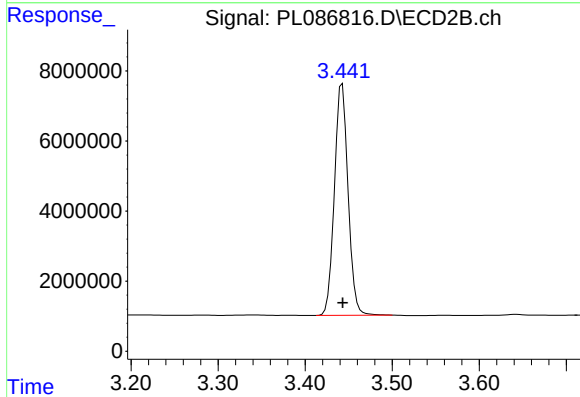
R.T.: 3.115 min  
Delta R.T.: -0.001 min  
Response: 72797893  
Conc: 54.61 ng/ml



#3 gamma-BHC (Lindane)

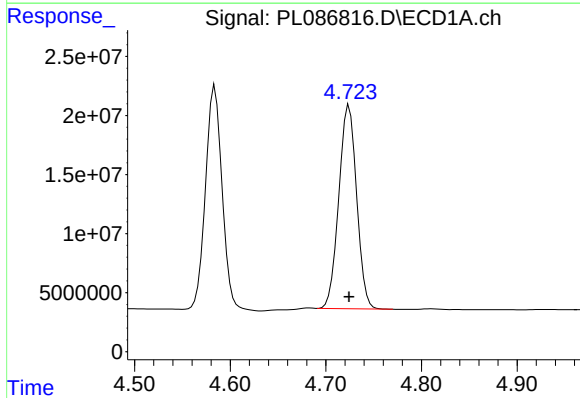
R.T.: 4.137 min  
Delta R.T.: 0.000 min  
Response: 236360507  
Conc: 50.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



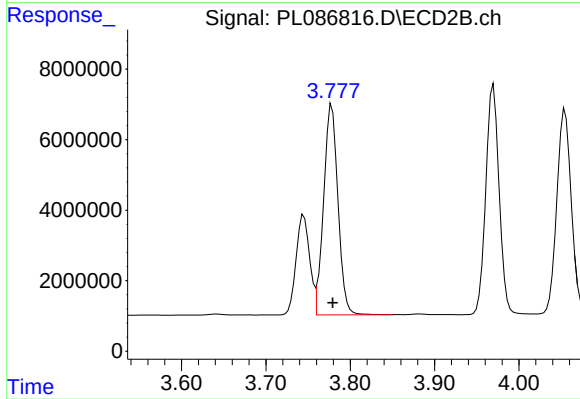
#3 gamma-BHC (Lindane)

R.T.: 3.443 min  
Delta R.T.: 0.000 min  
Response: 72138783  
Conc: 54.36 ng/ml



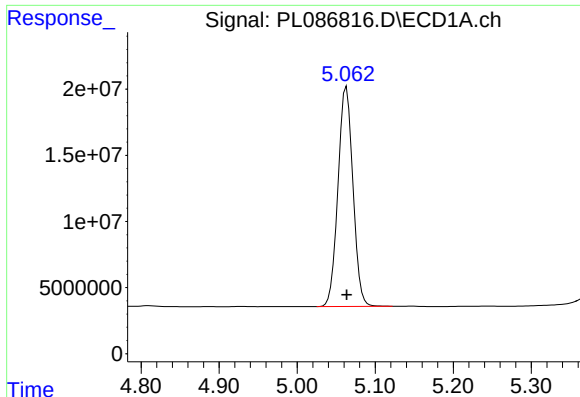
#4 Heptachlor

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 223671591  
Conc: 49.03 ng/ml



#4 Heptachlor

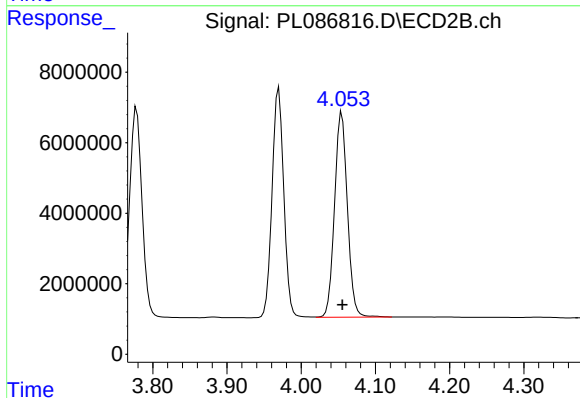
R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 70638617  
Conc: 52.77 ng/ml



#5 Aldrin

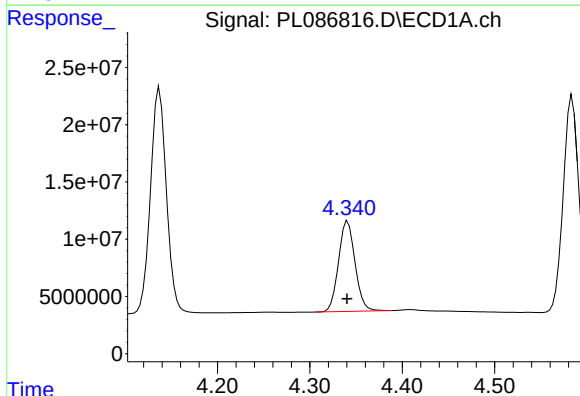
R.T.: 5.063 min  
Delta R.T.: 0.000 min  
Response: 221057970  
Conc: 48.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



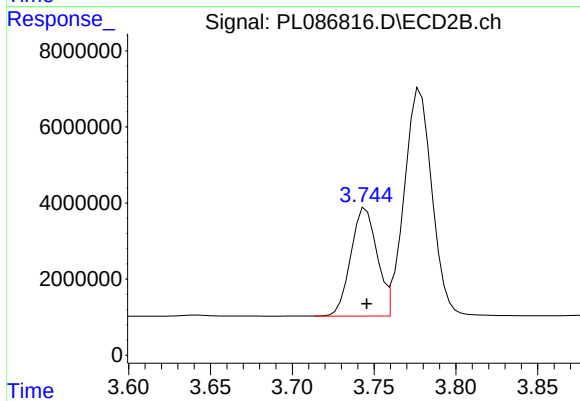
#5 Aldrin

R.T.: 4.055 min  
Delta R.T.: 0.000 min  
Response: 70209916  
Conc: 53.95 ng/ml



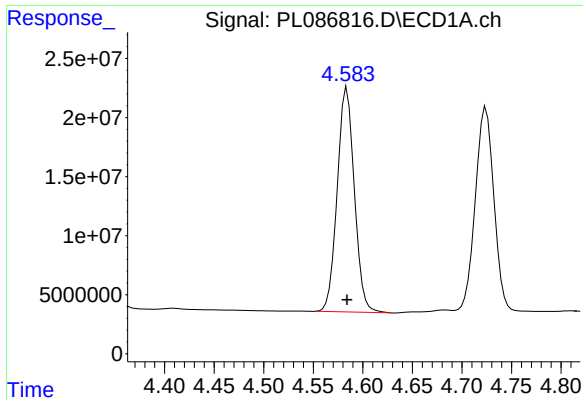
#6 beta-BHC

R.T.: 4.341 min  
Delta R.T.: 0.000 min  
Response: 98467883  
Conc: 48.68 ng/ml



#6 beta-BHC

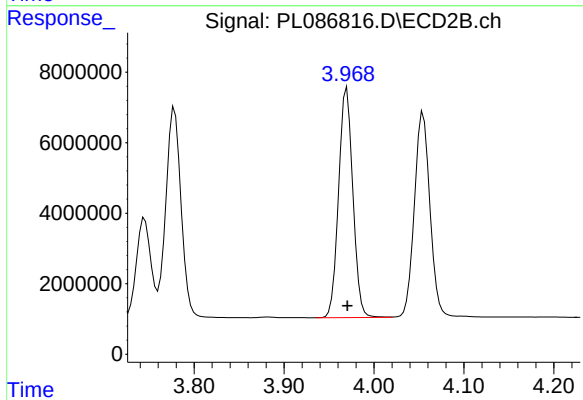
R.T.: 3.745 min  
Delta R.T.: 0.000 min  
Response: 31594357  
Conc: 53.01 ng/ml



#7 delta-BHC

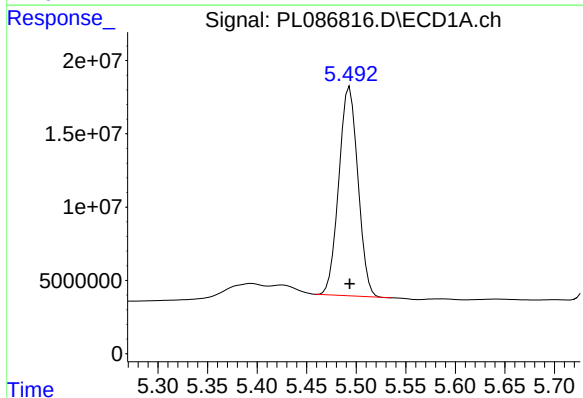
R.T.: 4.584 min  
Delta R.T.: 0.000 min  
Response: 228475594  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



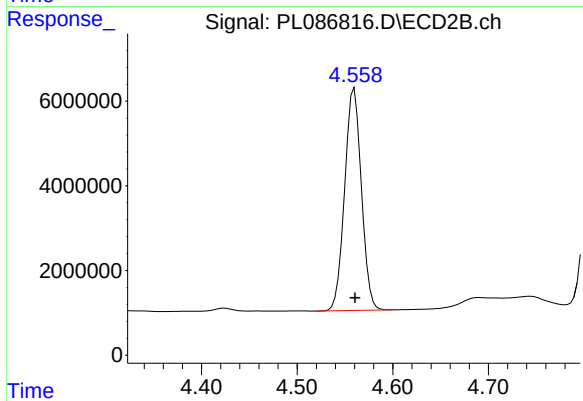
#7 delta-BHC

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 71760411  
Conc: 54.85 ng/ml



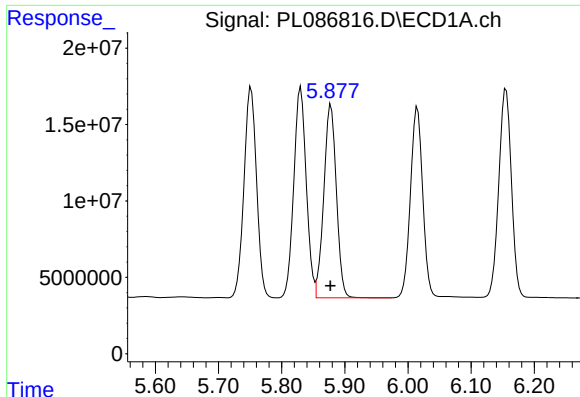
#8 Heptachlor epoxide

R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 191038454  
Conc: 49.14 ng/ml



#8 Heptachlor epoxide

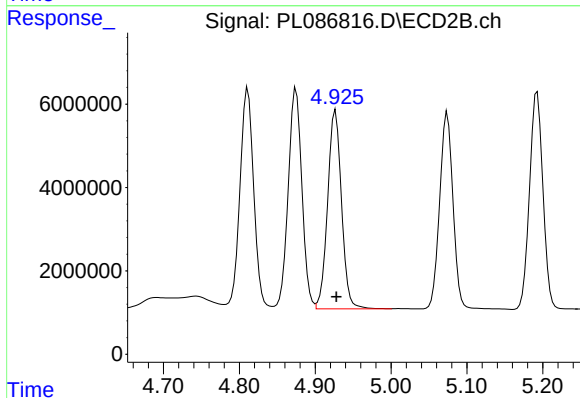
R.T.: 4.560 min  
Delta R.T.: 0.000 min  
Response: 64071111  
Conc: 53.35 ng/ml



#9 Endosulfan I

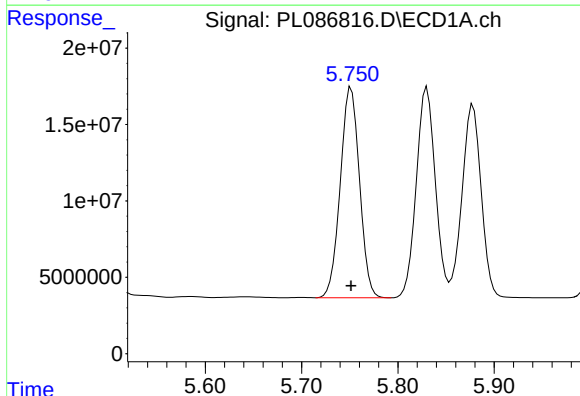
R.T.: 5.878 min  
Delta R.T.: 0.000 min  
Response: 175108918  
Conc: 46.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



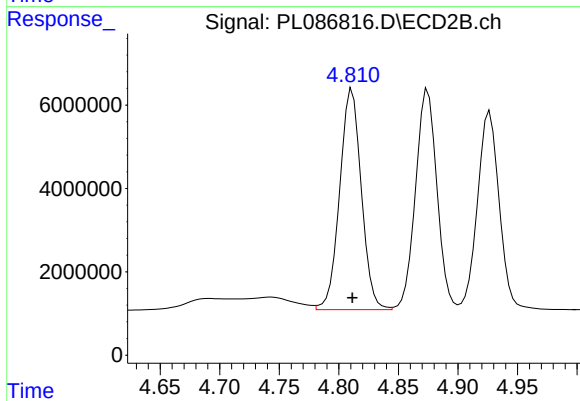
#9 Endosulfan I

R.T.: 4.927 min  
Delta R.T.: -0.001 min  
Response: 60659452  
Conc: 52.75 ng/ml



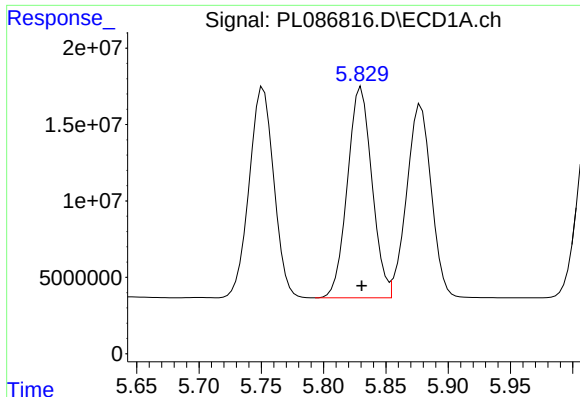
#10 gamma-Chlordane

R.T.: 5.752 min  
Delta R.T.: 0.000 min  
Response: 190556408  
Conc: 46.51 ng/ml



#10 gamma-Chlordane

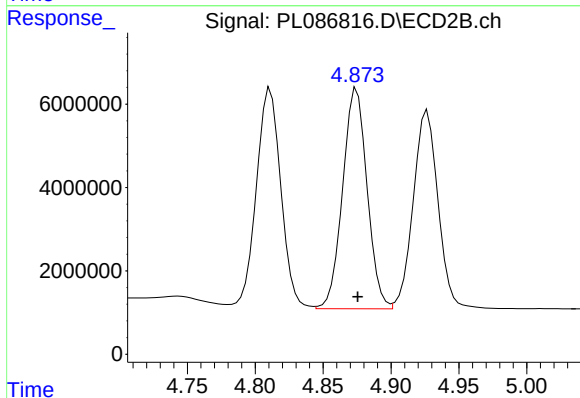
R.T.: 4.811 min  
Delta R.T.: 0.000 min  
Response: 66972994  
Conc: 54.28 ng/ml



#11 alpha-Chlordane

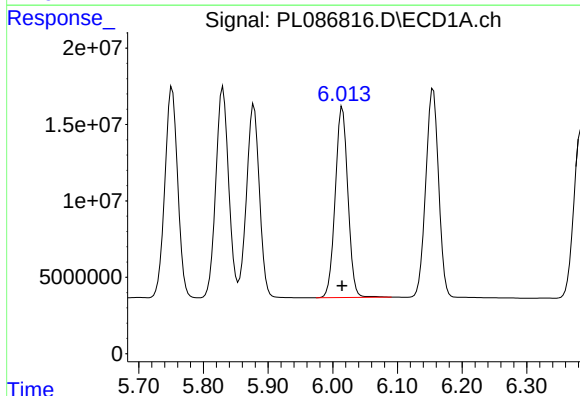
R.T.: 5.830 min  
Delta R.T.: 0.000 min  
Response: 189762320  
Conc: 46.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



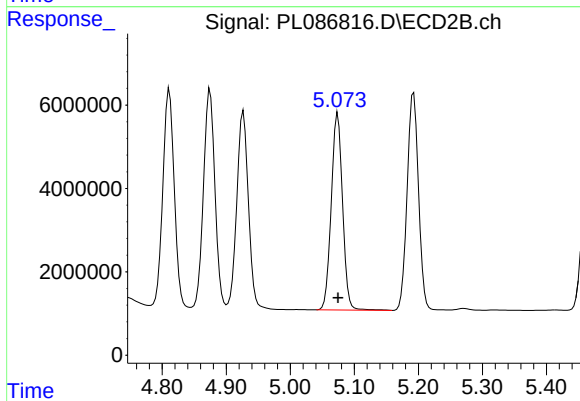
#11 alpha-Chlordane

R.T.: 4.875 min  
Delta R.T.: 0.000 min  
Response: 66381991  
Conc: 53.09 ng/ml



#12 4,4'-DDE

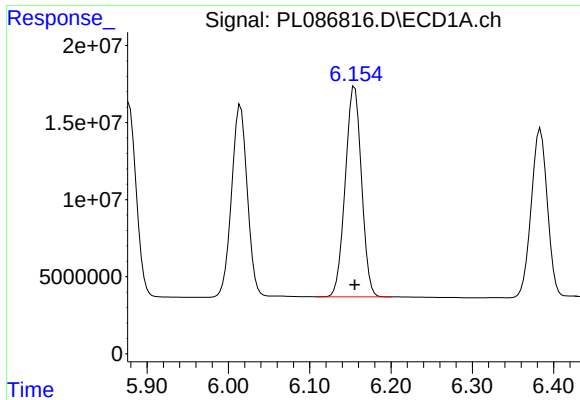
R.T.: 6.015 min  
Delta R.T.: 0.000 min  
Response: 169330855  
Conc: 48.82 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min  
Delta R.T.: 0.000 min  
Response: 57938278  
Conc: 56.44 ng/ml

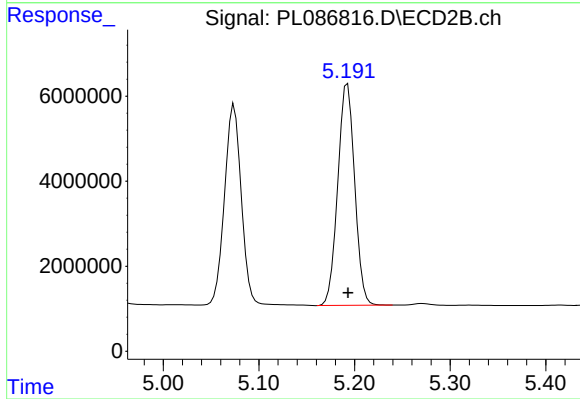




#13 Dieldrin

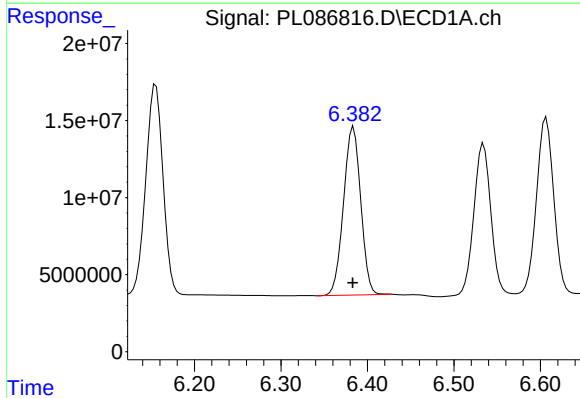
R.T.: 6.155 min  
Delta R.T.: 0.000 min  
Response: 18905559  
Conc: 48.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



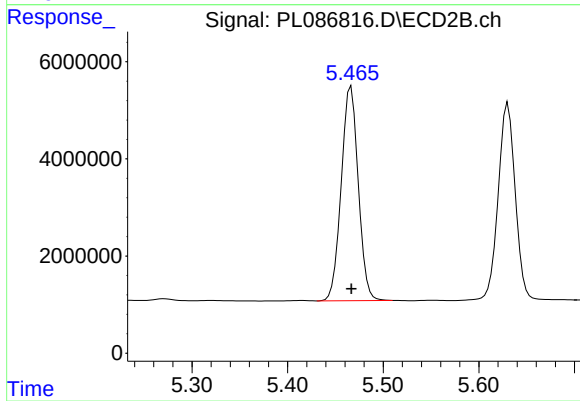
#13 Dieldrin

R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 64138978  
Conc: 53.75 ng/ml



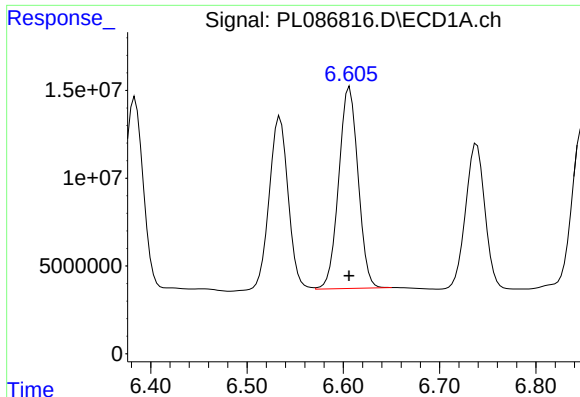
#14 Endrin

R.T.: 6.384 min  
Delta R.T.: 0.000 min  
Response: 150084972  
Conc: 43.57 ng/ml



#14 Endrin

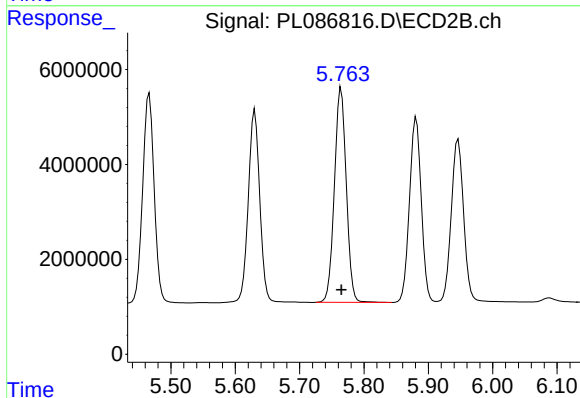
R.T.: 5.466 min  
Delta R.T.: 0.000 min  
Response: 54720180  
Conc: 49.96 ng/ml



#15 Endosulfan II

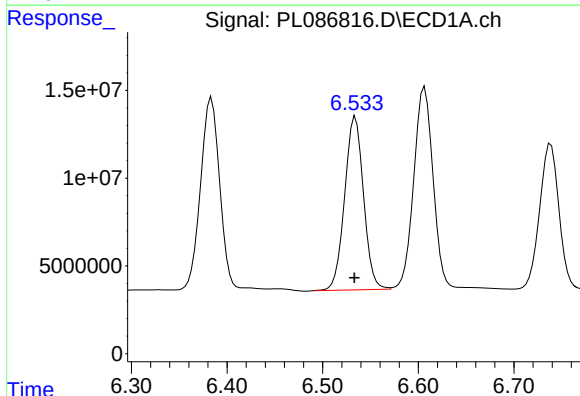
R.T.: 6.607 min  
Delta R.T.: 0.000 min  
Response: 159797251  
Conc: 44.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



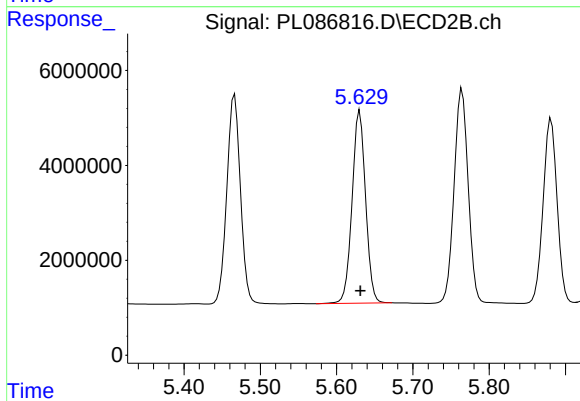
#15 Endosulfan II

R.T.: 5.765 min  
Delta R.T.: 0.000 min  
Response: 58023871  
Conc: 52.87 ng/ml



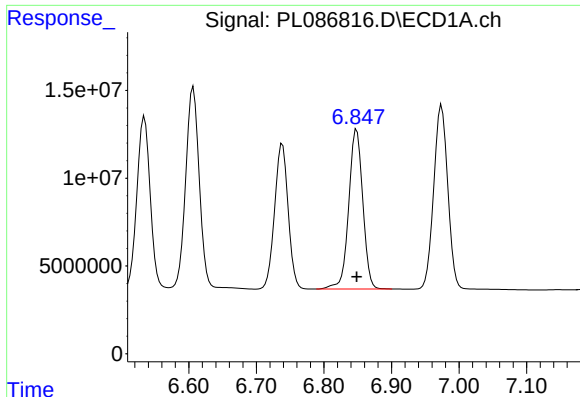
#16 4,4'-DDD

R.T.: 6.534 min  
Delta R.T.: 0.000 min  
Response: 135612393  
Conc: 50.93 ng/ml



#16 4,4'-DDD

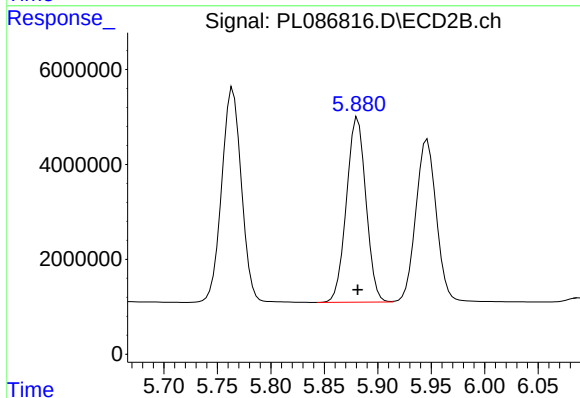
R.T.: 5.630 min  
Delta R.T.: 0.000 min  
Response: 49977593  
Conc: 58.66 ng/ml



#17 4,4'-DDT

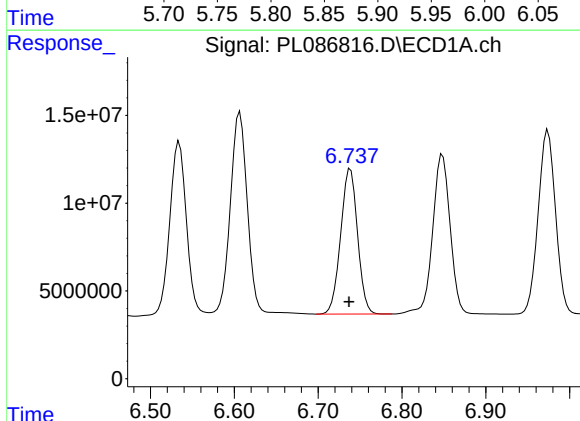
R.T.: 6.848 min  
Delta R.T.: 0.000 min  
Response: 131283961  
Conc: 44.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



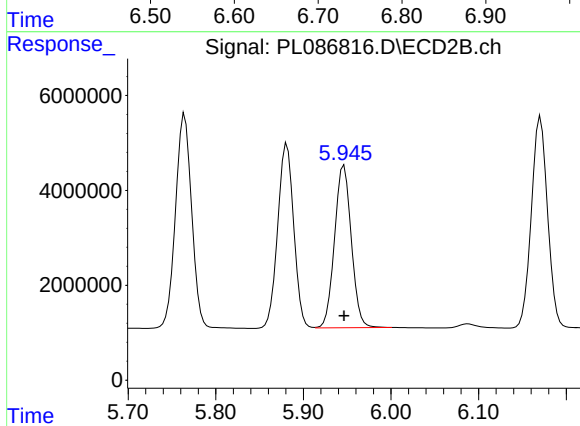
#17 4,4'-DDT

R.T.: 5.881 min  
Delta R.T.: 0.000 min  
Response: 49529888  
Conc: 50.67 ng/ml



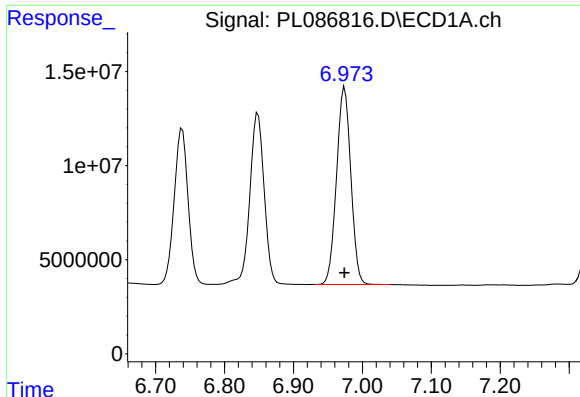
#18 Endrin aldehyde

R.T.: 6.739 min  
Delta R.T.: 0.002 min  
Response: 116030496  
Conc: 43.77 ng/ml



#18 Endrin aldehyde

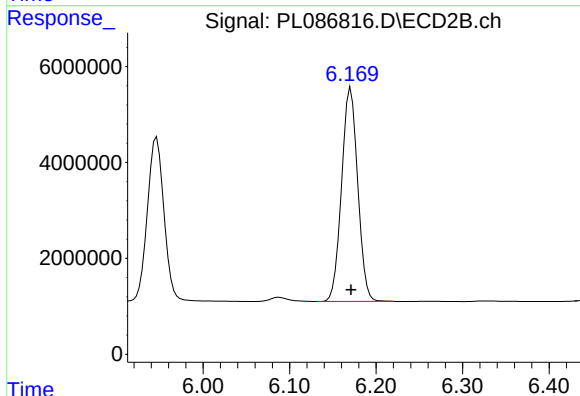
R.T.: 5.946 min  
Delta R.T.: 0.000 min  
Response: 45573401  
Conc: 48.65 ng/ml



#19 Endosulfan Sulfate

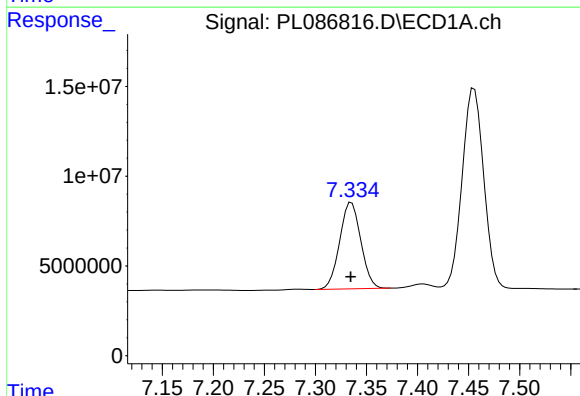
R.T.: 6.974 min  
Delta R.T.: 0.000 min  
Response: 151361154  
Conc: 45.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



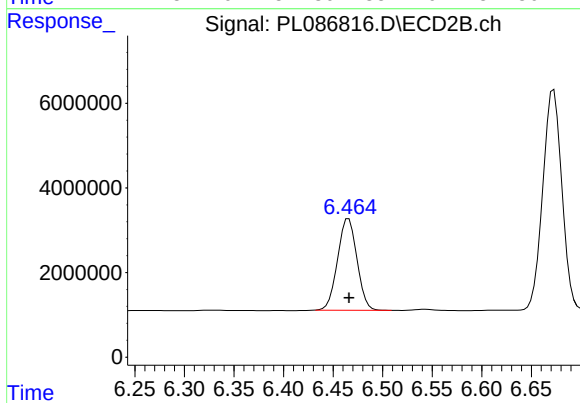
#19 Endosulfan Sulfate

R.T.: 6.171 min  
Delta R.T.: 0.000 min  
Response: 57358077  
Conc: 52.81 ng/ml



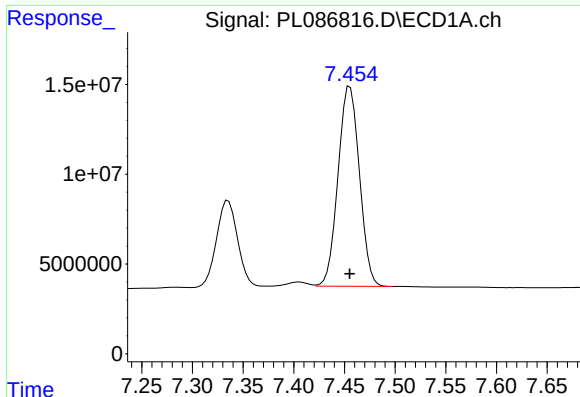
#20 Methoxychlor

R.T.: 7.335 min  
Delta R.T.: 0.000 min  
Response: 69339972  
Conc: 43.45 ng/ml



#20 Methoxychlor

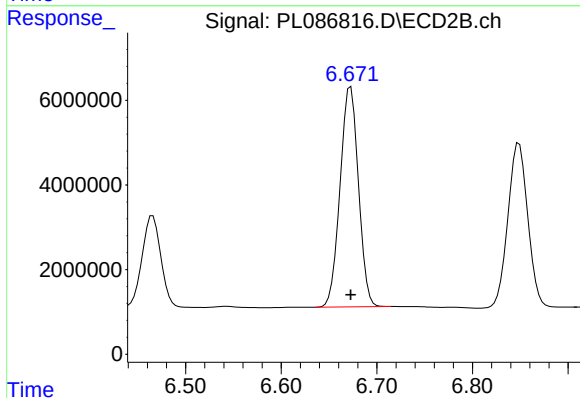
R.T.: 6.466 min  
Delta R.T.: 0.000 min  
Response: 29423944  
Conc: 49.19 ng/ml



#21 Endrin ketone

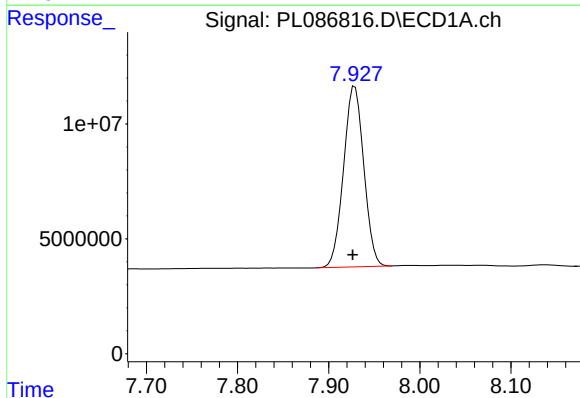
R.T.: 7.455 min  
Delta R.T.: 0.000 min  
Response: 163525705  
Conc: 47.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



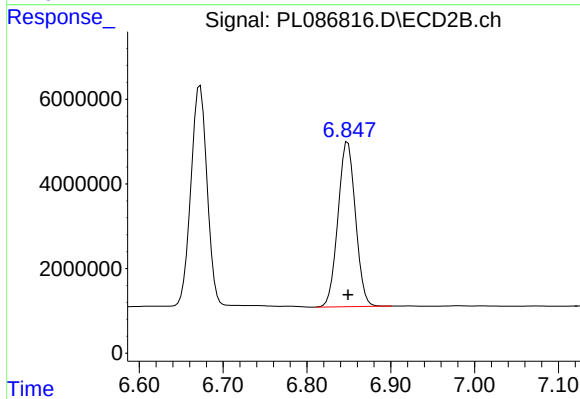
#21 Endrin ketone

R.T.: 6.673 min  
Delta R.T.: 0.000 min  
Response: 69526794  
Conc: 54.26 ng/ml



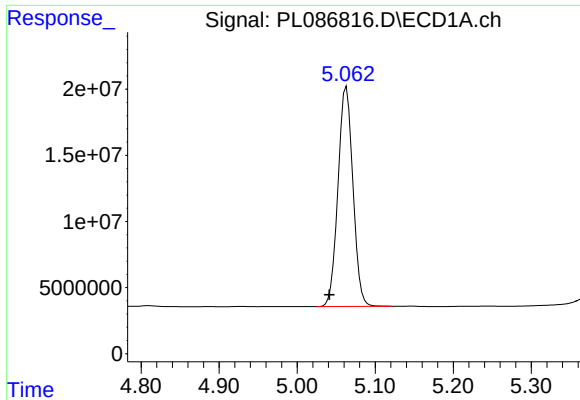
#22 Mirex

R.T.: 7.929 min  
Delta R.T.: 0.002 min  
Response: 121080211  
Conc: 42.87 ng/ml



#22 Mirex

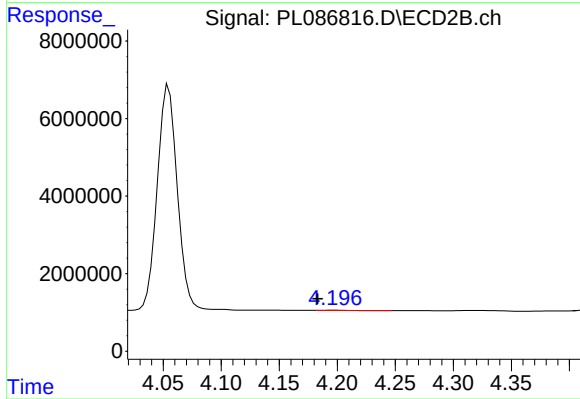
R.T.: 6.849 min  
Delta R.T.: 0.000 min  
Response: 56479962  
Conc: 49.69 ng/ml



#24 Chlordane-2

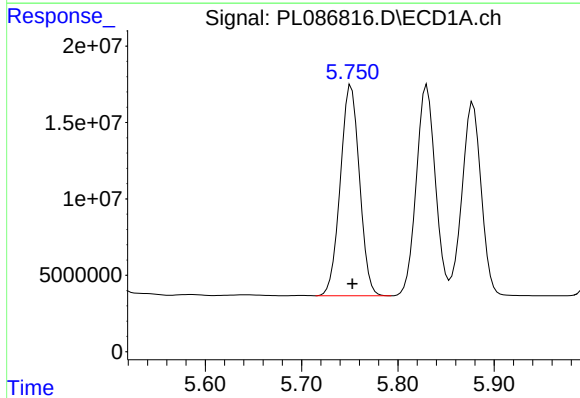
R.T.: 5.063 min  
Delta R.T.: 0.022 min  
Response: 221057970  
Conc: 1458.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



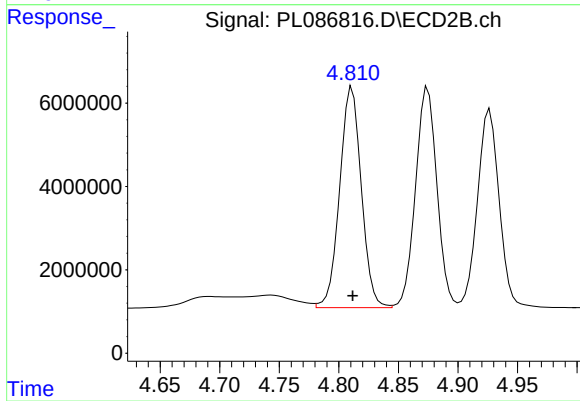
#24 Chlordane-2

R.T.: 4.196 min  
Delta R.T.: 0.013 min  
Response: 98351  
Conc: 2.18 ng/ml



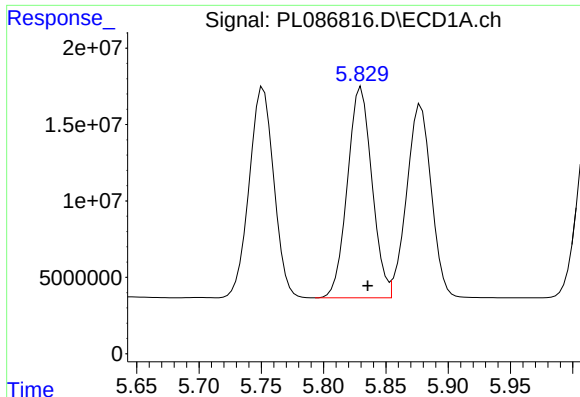
#25 Chlordane-3

R.T.: 5.752 min  
Delta R.T.: -0.001 min  
Response: 190556408  
Conc: 329.43 ng/ml



#25 Chlordane-3

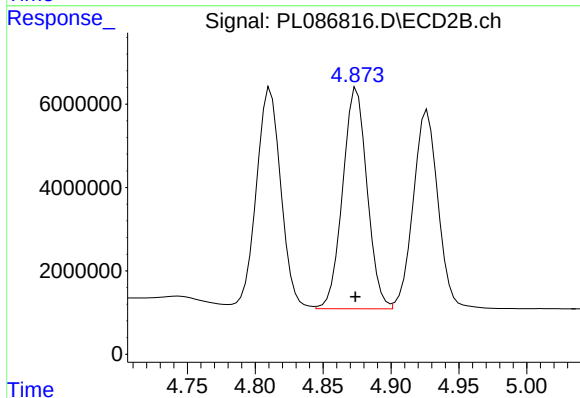
R.T.: 4.811 min  
Delta R.T.: 0.000 min  
Response: 66972994  
Conc: 567.99 ng/ml



#26 Chlordane-4

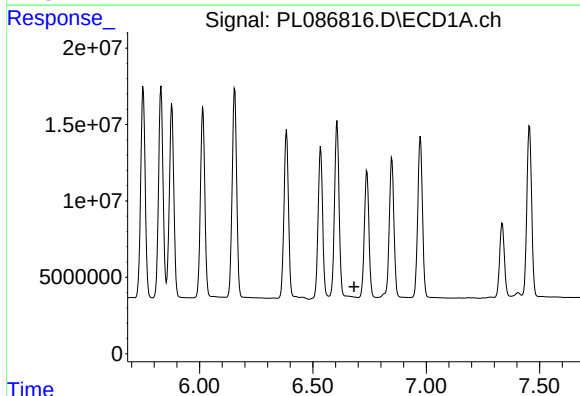
R.T.: 5.830 min  
Delta R.T.: -0.005 min  
Response: 189762320  
Conc: 265.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



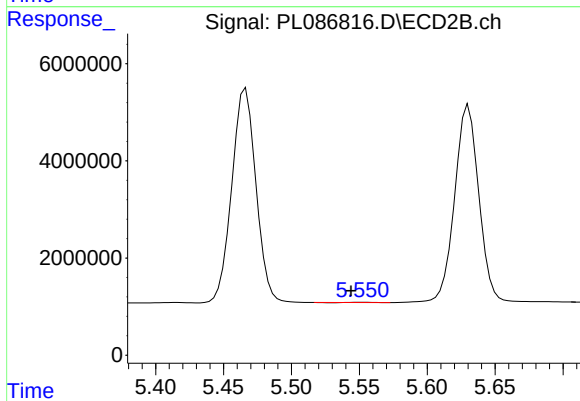
#26 Chlordane-4

R.T.: 4.875 min  
Delta R.T.: 0.000 min  
Response: 66381991  
Conc: 519.93 ng/ml



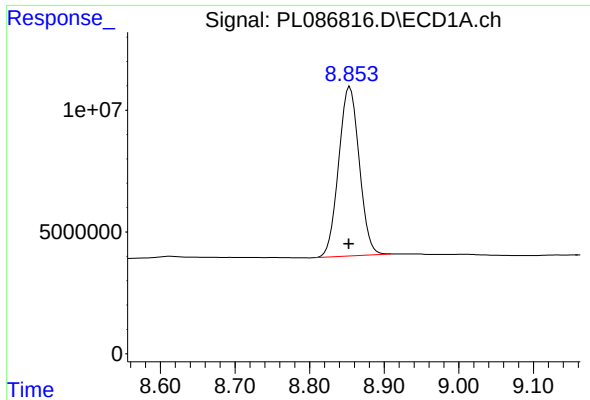
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.682 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

R.T.: 5.552 min  
Delta R.T.: 0.008 min  
Response: 20708  
Conc: 0.57 ng/ml



#28 Decachlorobiphenyl

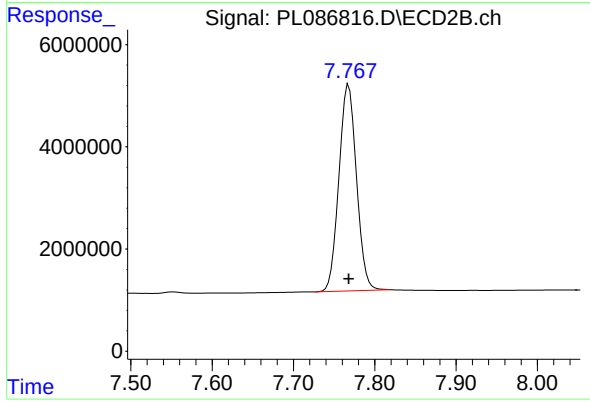
R.T.: 8.854 min

Delta R.T.: 0.002 min

Response: 133233177

Conc: 45.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.768 min

Delta R.T.: 0.000 min

Response: 60624346

Conc: 50.20 ng/ml