

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111723\  
 Data File : PL086721.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Nov 2023 14:03  
 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 17 20:56:10 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 | 169.3E6  | 52190249 | 52.147   | 53.004    |
| 28)                         | SA Decachlor... | 8.852  | 7.767 | 124.0E6  | 60001553 | 42.377   | 49.687    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.805  | 3.116 | 256.0E6  | 74185125 | 53.219   | 55.655    |
| 3)                          | MA gamma-BHC... | 4.137  | 3.443 | 245.7E6  | 73259708 | 52.226   | 55.202    |
| 4)                          | MA Heptachlor   | 4.724  | 3.778 | 234.8E6  | 73310867 | 51.465   | 54.765    |
| 5)                          | MB Aldrin       | 5.063  | 4.055 | 234.2E6  | 72027741 | 51.719   | 55.351    |
| 6)                          | B beta-BHC      | 4.341  | 3.745 | 99853560 | 31444426 | 49.370   | 52.755    |
| 7)                          | B delta-BHC     | 4.584  | 3.970 | 234.9E6  | 72526457 | 51.156   | 55.437    |
| 8)                          | B Heptachlo...  | 5.493  | 4.559 | 200.4E6  | 66026040 | 51.554   | 54.975    |
| 9)                          | A Endosulfan I  | 5.877  | 4.927 | 188.2E6  | 62739972 | 50.155   | 54.564    |
| 10)                         | B gamma-Chl...  | 5.751  | 4.811 | 204.4E6  | 67854856 | 49.879   | 54.997    |
| 11)                         | B alpha-Chl...  | 5.830  | 4.874 | 202.0E6  | 68439141 | 49.759   | 54.730    |
| 12)                         | B 4,4'-DDE      | 6.014  | 5.074 | 169.0E6  | 58242521 | 48.737   | 56.738    |
| 13)                         | MA Dieldrin     | 6.154  | 5.193 | 195.9E6  | 66389087 | 49.823   | 55.641    |
| 14)                         | MA Endrin       | 6.383  | 5.466 | 169.2E6  | 60094931 | 49.133   | 54.865    |
| 15)                         | B Endosulfa...  | 6.606  | 5.764 | 165.4E6  | 59966237 | 46.520   | 54.636    |
| 16)                         | A 4,4'-DDD      | 6.534  | 5.630 | 123.7E6  | 47334130 | 46.446   | 55.558    |
| 17)                         | MA 4,4'-DDT     | 6.849  | 5.880 | 135.1E6  | 53490590 | 45.572   | 54.718    |
| 18)                         | B Endrin al...  | 6.737  | 5.946 | 120.0E6  | 47926385 | 45.251   | 51.162    |
| 19)                         | B Endosulfa...  | 6.974  | 6.170 | 148.8E6  | 58427728 | 44.339   | 53.792    |
| 20)                         | A Methoxychlor  | 7.335  | 6.465 | 65469686 | 31584242 | 41.024   | 52.802 #  |
| 21)                         | B Endrin ke...  | 7.455  | 6.672 | 156.1E6  | 68924799 | 45.814   | 53.792    |
| 22)                         | Mirex           | 7.928  | 6.848 | 123.2E6  | 58163462 | 43.632   | 51.167    |
| 24)                         | Chlordane-2     | 5.063f | 4.172 | 234.2E6  | 58643    | 1544.831 | 1.298 #   |
| 25)                         | Chlordane-3     | 5.751  | 4.811 | 204.4E6  | 67854856 | 353.303  | 575.469 # |
| 26)                         | Chlordane-4     | 5.830  | 4.874 | 202.0E6  | 68439141 | 282.574  | 536.043 # |
| 27)                         | Chlordane-5     | 0.000  | 5.549 | 0        | 14439    | N.D.     | 0.398 #   |
| -----                       |                 |        |       |          |          |          |           |

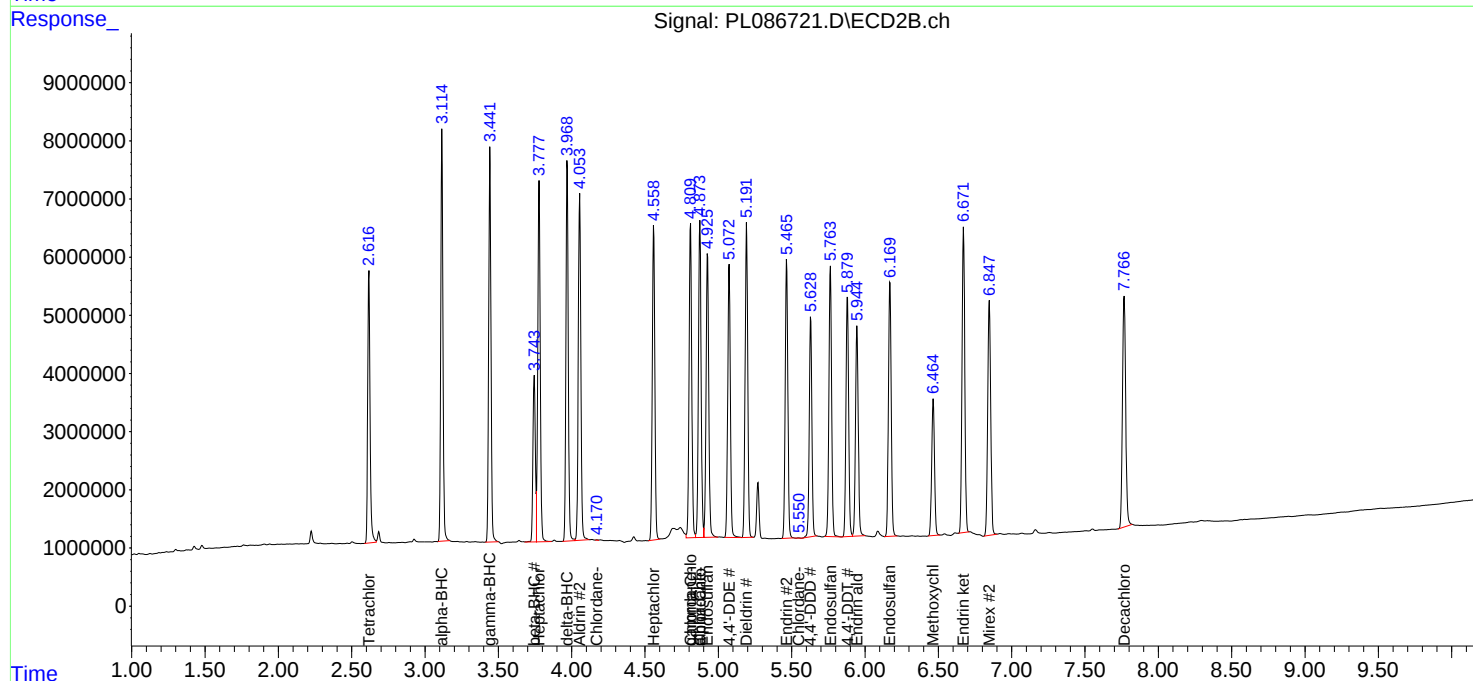
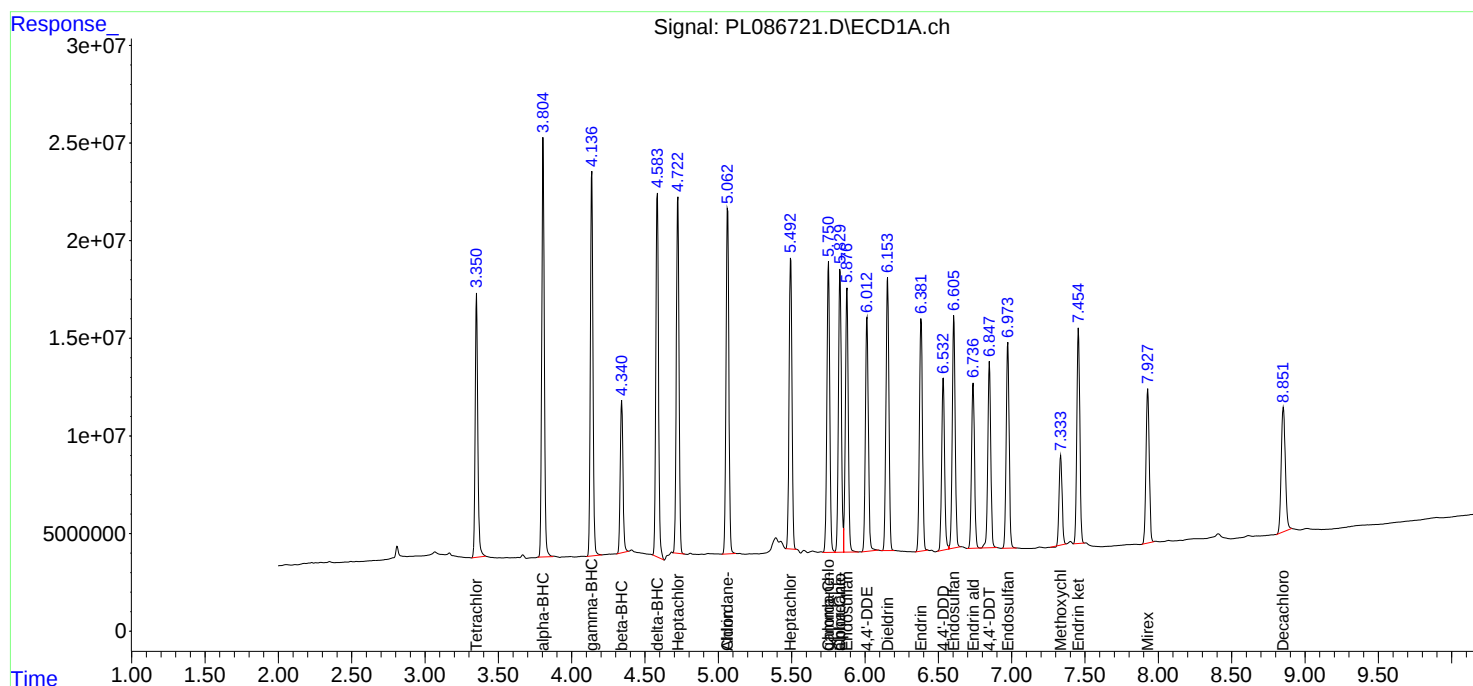
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

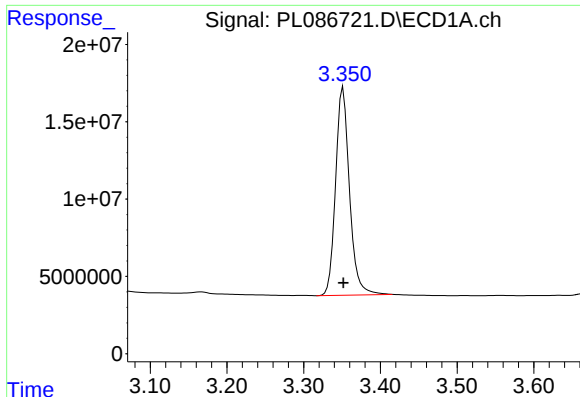
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111723\  
Data File : PL086721.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Nov 2023 14:03  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 17 20:56:10 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

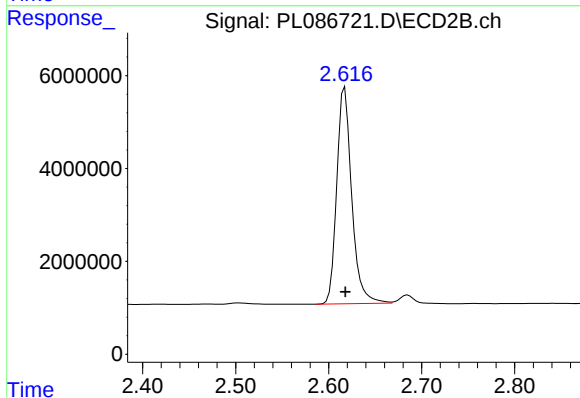




#1 Tetrachloro-m-xylene

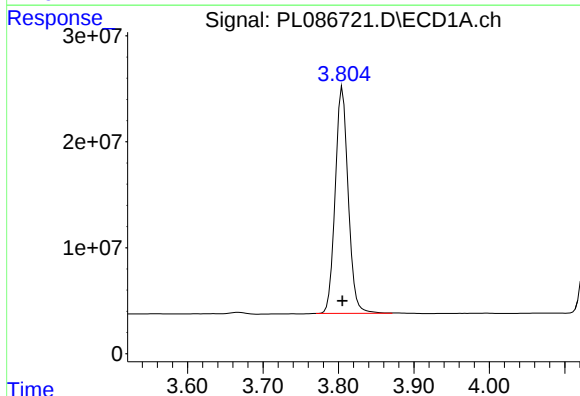
R.T.: 3.351 min  
Delta R.T.: 0.000 min  
Response: 169324469  
Conc: 52.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



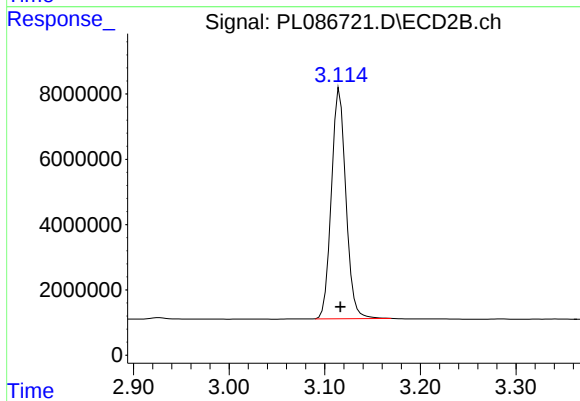
#1 Tetrachloro-m-xylene

R.T.: 2.617 min  
Delta R.T.: 0.000 min  
Response: 52190249  
Conc: 53.00 ng/ml



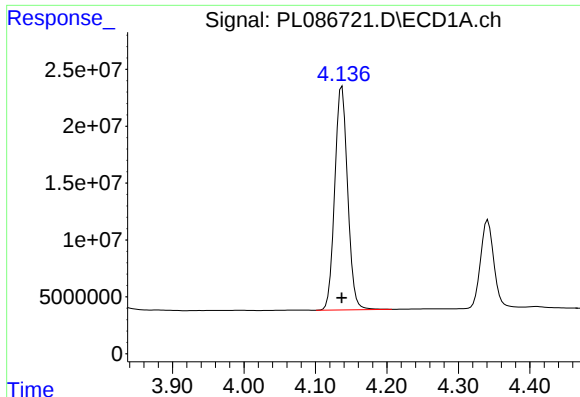
#2 alpha-BHC

R.T.: 3.805 min  
Delta R.T.: 0.000 min  
Response: 256004197  
Conc: 53.22 ng/ml



#2 alpha-BHC

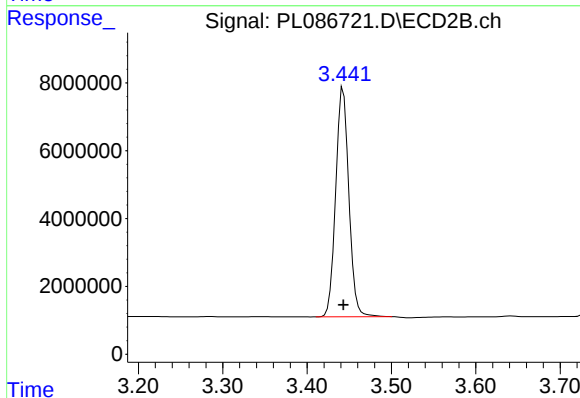
R.T.: 3.116 min  
Delta R.T.: 0.000 min  
Response: 74185125  
Conc: 55.65 ng/ml



#3 gamma-BHC (Lindane)

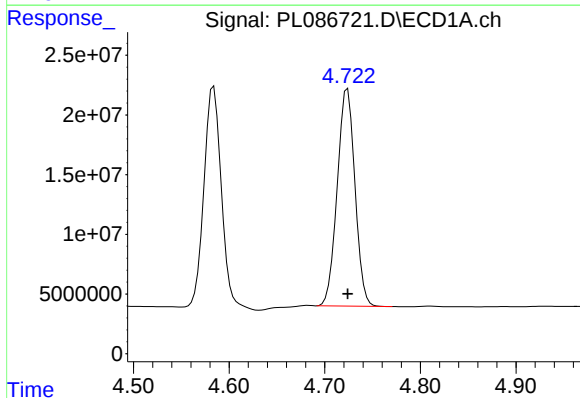
R.T.: 4.137 min  
Delta R.T.: 0.000 min  
Response: 245704129  
Conc: 52.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



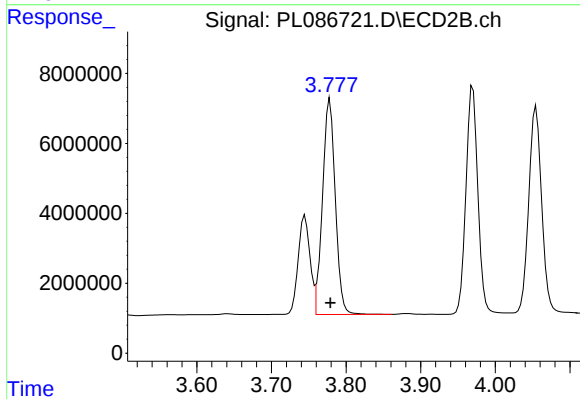
#3 gamma-BHC (Lindane)

R.T.: 3.443 min  
Delta R.T.: 0.000 min  
Response: 73259708  
Conc: 55.20 ng/ml



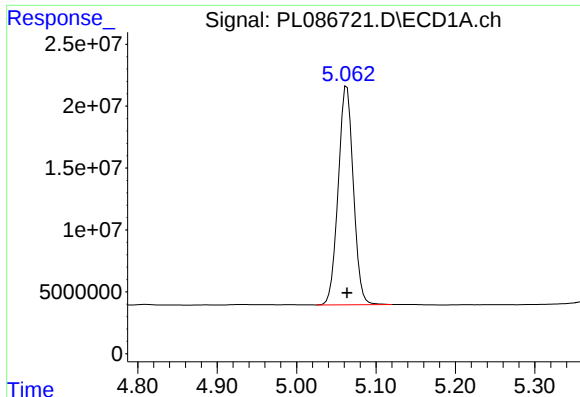
#4 Heptachlor

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 234782342  
Conc: 51.47 ng/ml



#4 Heptachlor

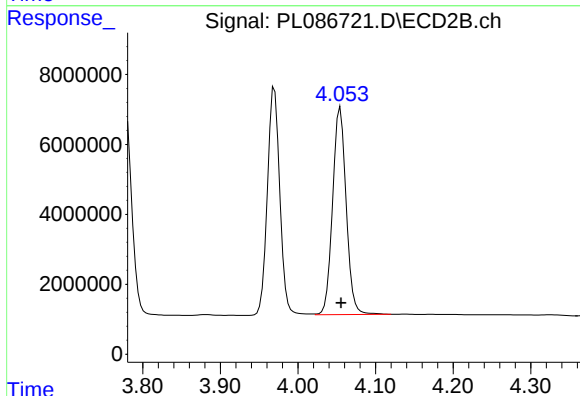
R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 73310867  
Conc: 54.77 ng/ml



#5 Aldrin

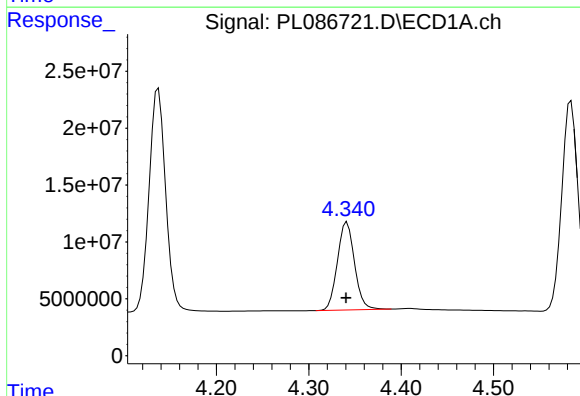
R.T.: 5.063 min  
Delta R.T.: 0.000 min  
Response: 234151257  
Conc: 51.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



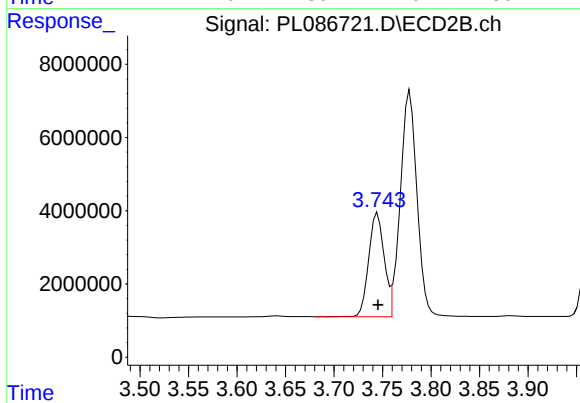
#5 Aldrin

R.T.: 4.055 min  
Delta R.T.: 0.000 min  
Response: 72027741  
Conc: 55.35 ng/ml



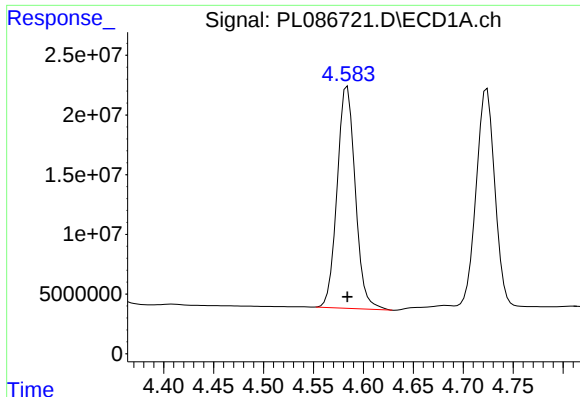
#6 beta-BHC

R.T.: 4.341 min  
Delta R.T.: 0.000 min  
Response: 99853560  
Conc: 49.37 ng/ml



#6 beta-BHC

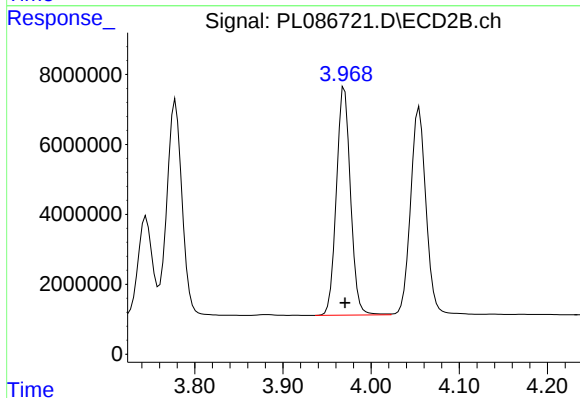
R.T.: 3.745 min  
Delta R.T.: 0.000 min  
Response: 31444426  
Conc: 52.76 ng/ml



#7 delta-BHC

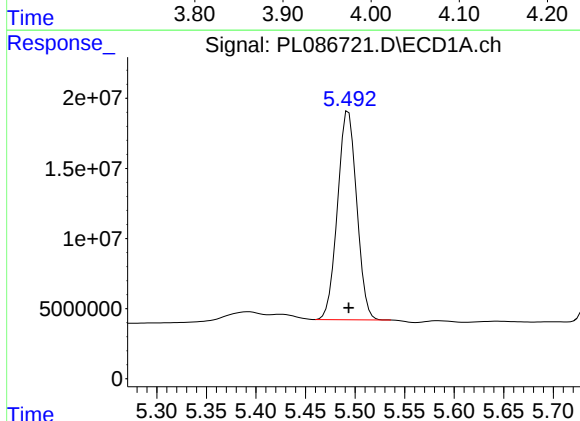
R.T.: 4.584 min  
Delta R.T.: 0.000 min  
Response: 234873461  
Conc: 51.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



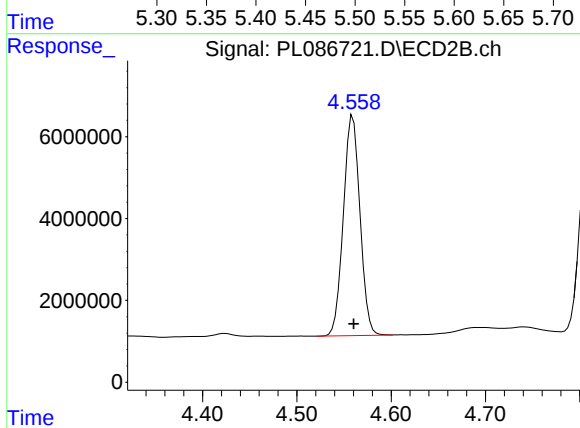
#7 delta-BHC

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 72526457  
Conc: 55.44 ng/ml



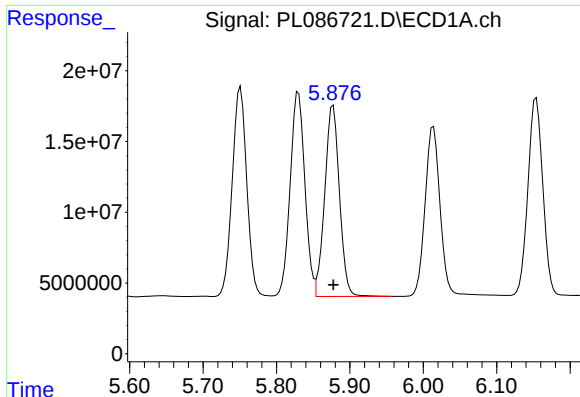
#8 Heptachlor epoxide

R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 200409166  
Conc: 51.55 ng/ml



#8 Heptachlor epoxide

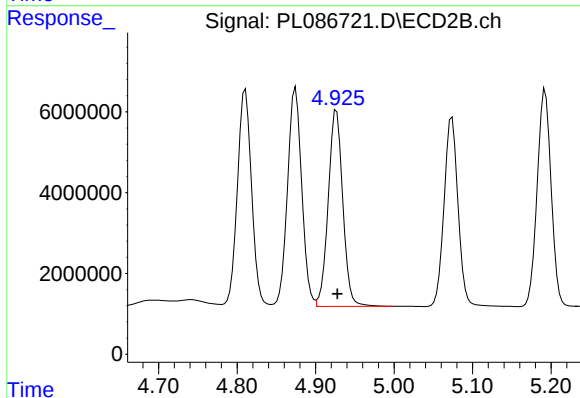
R.T.: 4.559 min  
Delta R.T.: -0.001 min  
Response: 66026040  
Conc: 54.98 ng/ml



#9 Endosulfan I

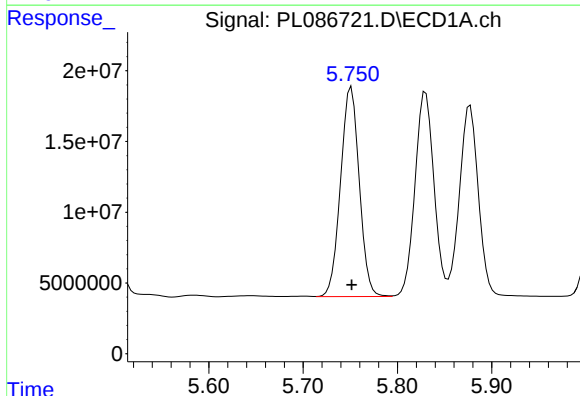
R.T.: 5.877 min  
Delta R.T.: 0.000 min  
Response: 188161358  
Conc: 50.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



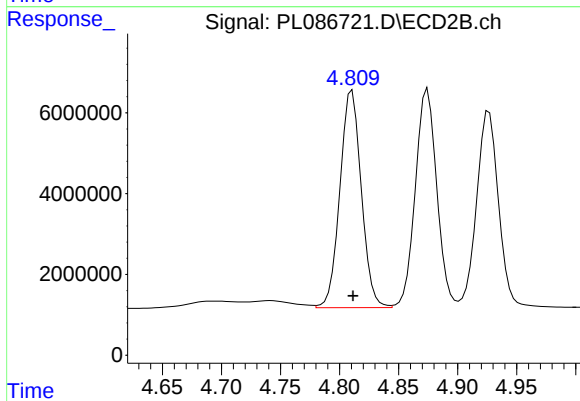
#9 Endosulfan I

R.T.: 4.927 min  
Delta R.T.: -0.001 min  
Response: 62739972  
Conc: 54.56 ng/ml



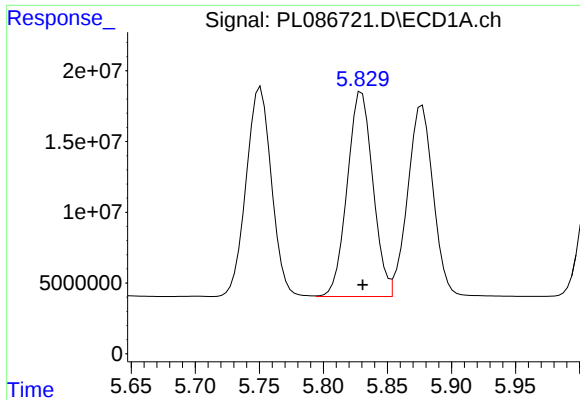
#10 gamma-Chlordane

R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 204363986  
Conc: 49.88 ng/ml



#10 gamma-Chlordane

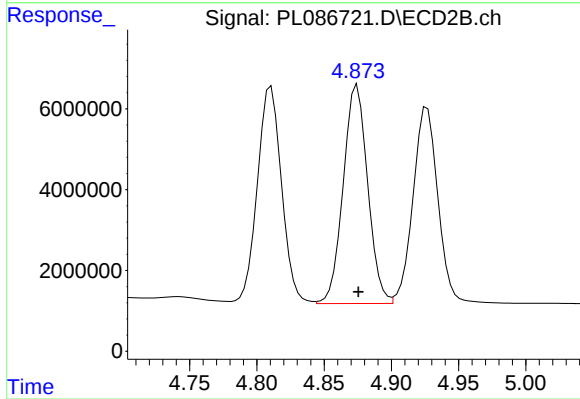
R.T.: 4.811 min  
Delta R.T.: 0.000 min  
Response: 67854856  
Conc: 55.00 ng/ml



#11 alpha-Chlordane

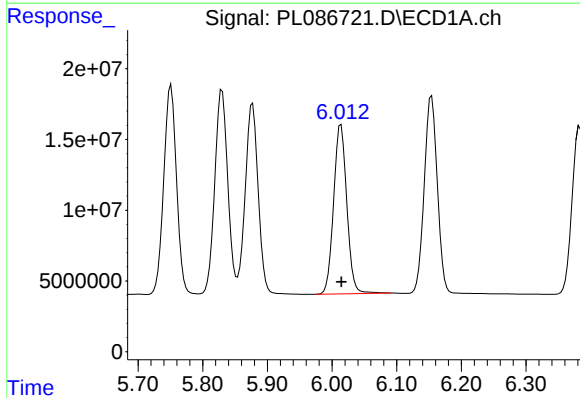
R.T.: 5.830 min  
Delta R.T.: 0.000 min  
Response: 202020392  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



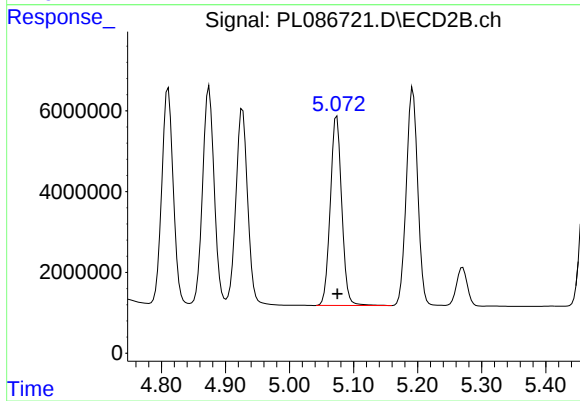
#11 alpha-Chlordane

R.T.: 4.874 min  
Delta R.T.: -0.001 min  
Response: 68439141  
Conc: 54.73 ng/ml



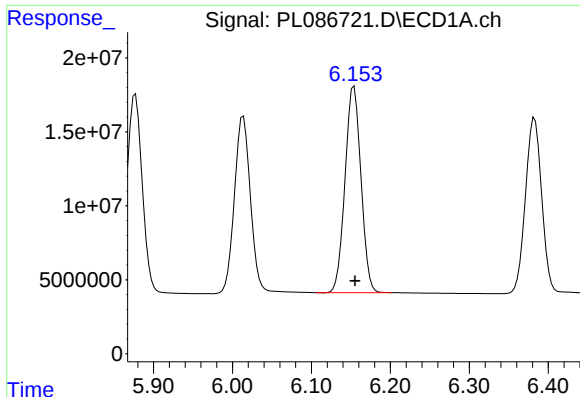
#12 4,4'-DDE

R.T.: 6.014 min  
Delta R.T.: 0.000 min  
Response: 169035608  
Conc: 48.74 ng/ml



#12 4,4'-DDE

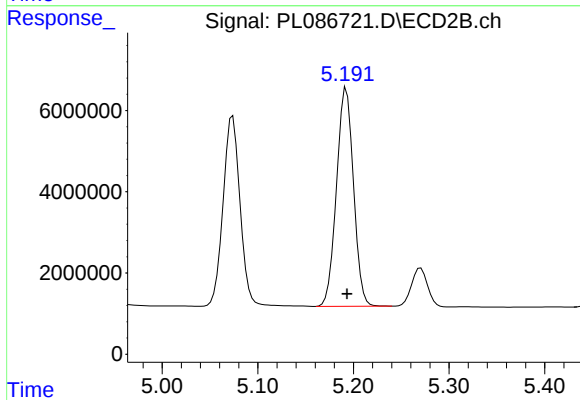
R.T.: 5.074 min  
Delta R.T.: -0.001 min  
Response: 58242521  
Conc: 56.74 ng/ml



#13 Dieldrin

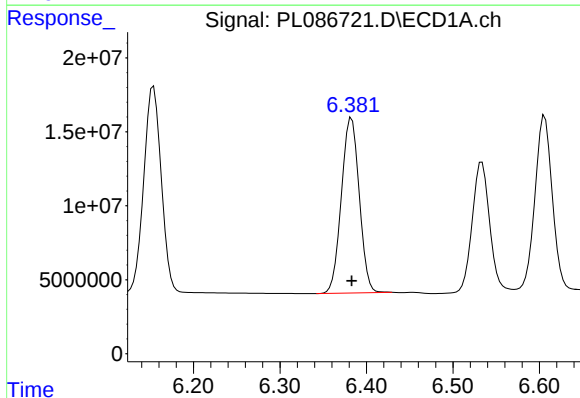
R.T.: 6.154 min  
Delta R.T.: -0.001 min  
Response: 195902082  
Conc: 49.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



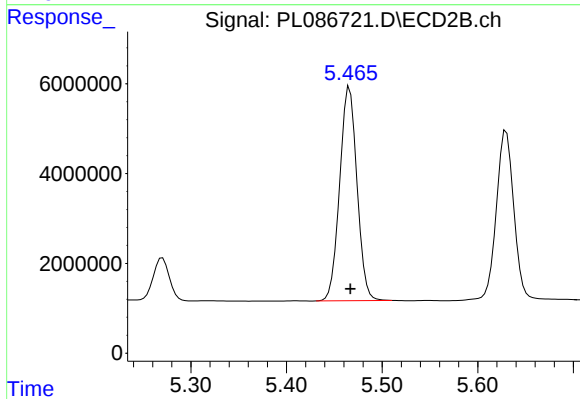
#13 Dieldrin

R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 66389087  
Conc: 55.64 ng/ml



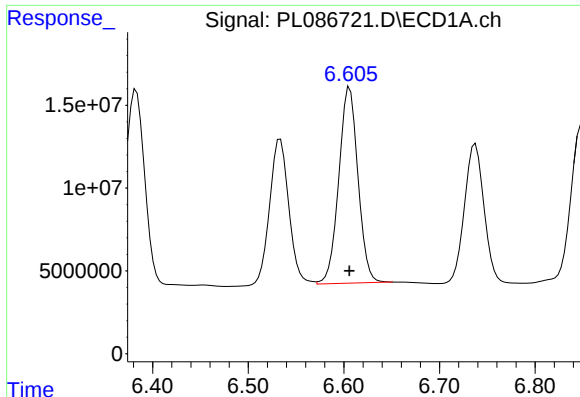
#14 Endrin

R.T.: 6.383 min  
Delta R.T.: 0.000 min  
Response: 169232049  
Conc: 49.13 ng/ml



#14 Endrin

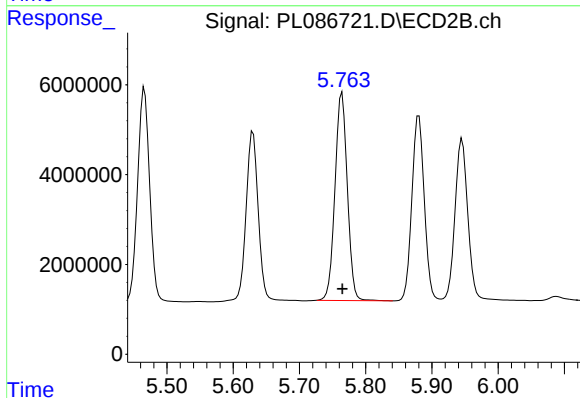
R.T.: 5.466 min  
Delta R.T.: 0.000 min  
Response: 60094931  
Conc: 54.86 ng/ml



#15 Endosulfan II

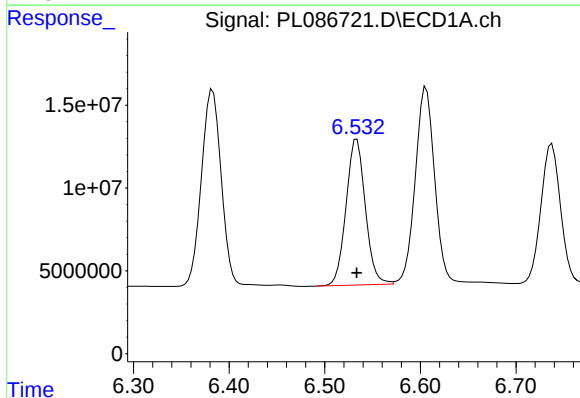
R.T.: 6.606 min  
Delta R.T.: 0.000 min  
Response: 165351637  
Conc: 46.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



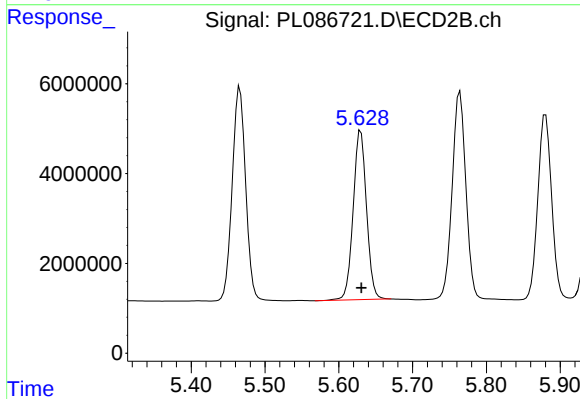
#15 Endosulfan II

R.T.: 5.764 min  
Delta R.T.: 0.000 min  
Response: 59966237  
Conc: 54.64 ng/ml



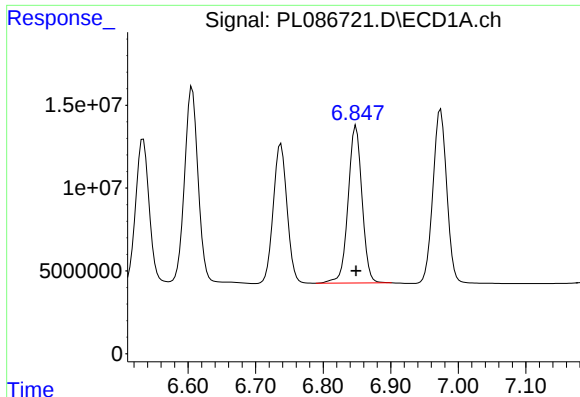
#16 4,4'-DDD

R.T.: 6.534 min  
Delta R.T.: 0.000 min  
Response: 123673563  
Conc: 46.45 ng/ml



#16 4,4'-DDD

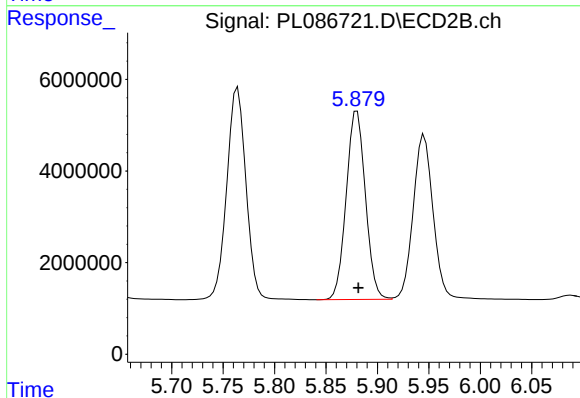
R.T.: 5.630 min  
Delta R.T.: -0.001 min  
Response: 47334130  
Conc: 55.56 ng/ml



#17 4,4'-DDT

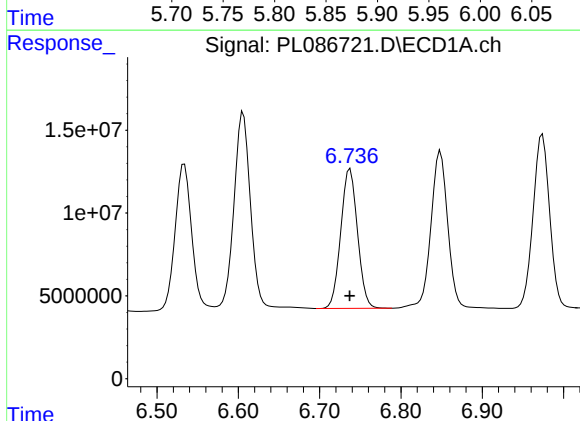
R.T.: 6.849 min  
Delta R.T.: 0.000 min  
Response: 135088846  
Conc: 45.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



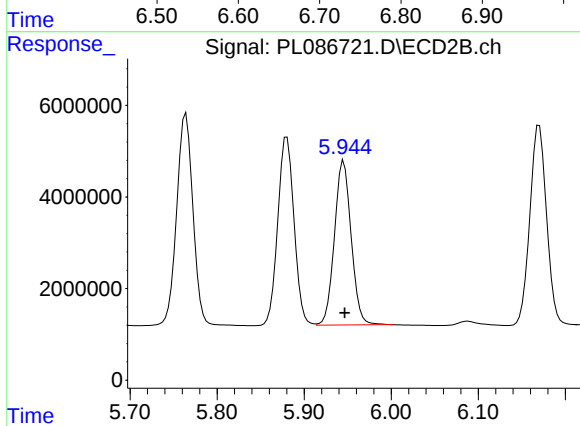
#17 4,4'-DDT

R.T.: 5.880 min  
Delta R.T.: -0.001 min  
Response: 53490590  
Conc: 54.72 ng/ml



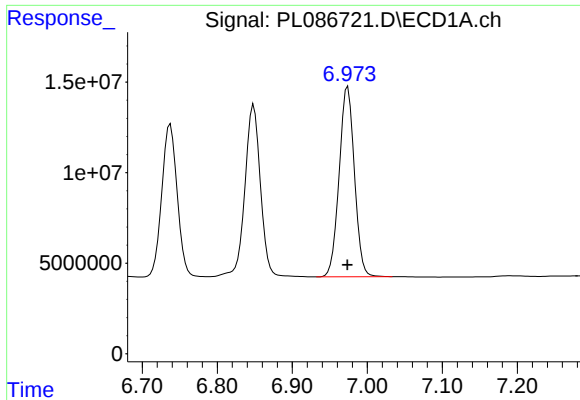
#18 Endrin aldehyde

R.T.: 6.737 min  
Delta R.T.: 0.000 min  
Response: 119965785  
Conc: 45.25 ng/ml



#18 Endrin aldehyde

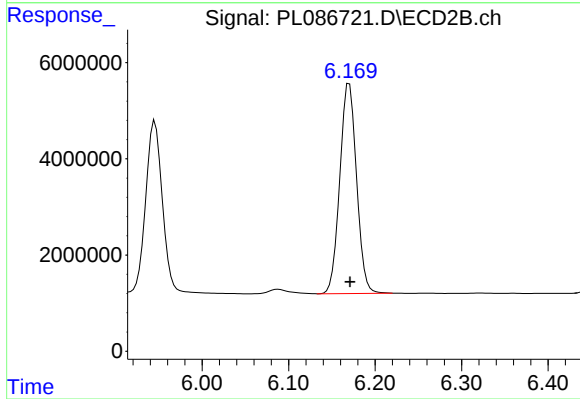
R.T.: 5.946 min  
Delta R.T.: 0.000 min  
Response: 47926385  
Conc: 51.16 ng/ml



#19 Endosulfan Sulfate

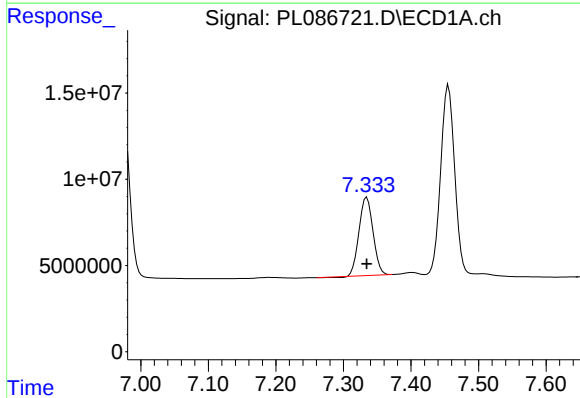
R.T.: 6.974 min  
Delta R.T.: 0.000 min  
Response: 148817880  
Conc: 44.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



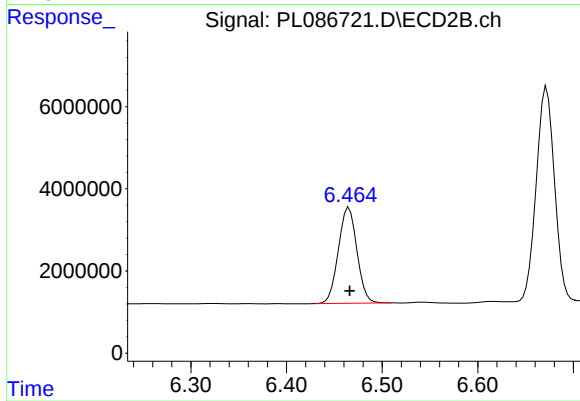
#19 Endosulfan Sulfate

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 58427728  
Conc: 53.79 ng/ml



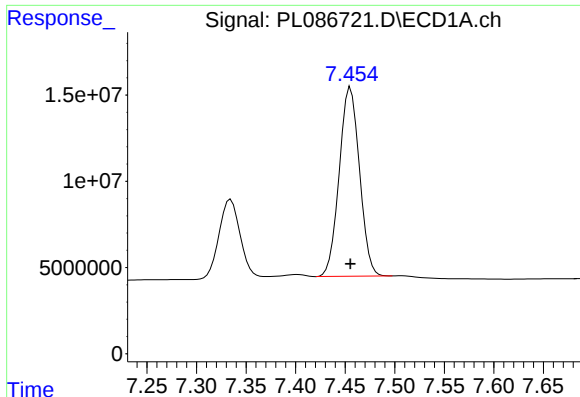
#20 Methoxychlor

R.T.: 7.335 min  
Delta R.T.: 0.000 min  
Response: 65469686  
Conc: 41.02 ng/ml



#20 Methoxychlor

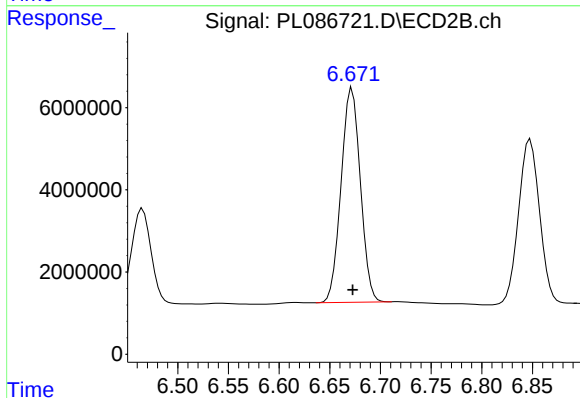
R.T.: 6.465 min  
Delta R.T.: 0.000 min  
Response: 31584242  
Conc: 52.80 ng/ml



#21 Endrin ketone

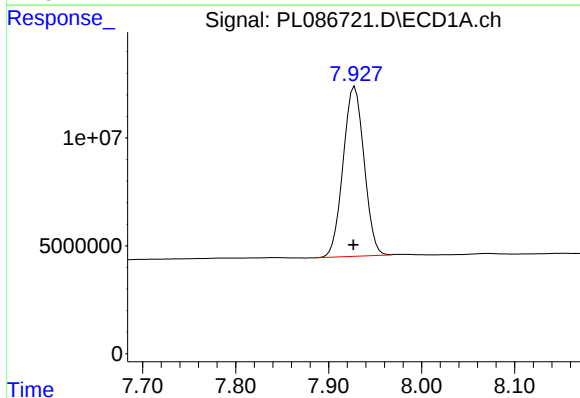
R.T.: 7.455 min  
Delta R.T.: 0.000 min  
Response: 156134548  
Conc: 45.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



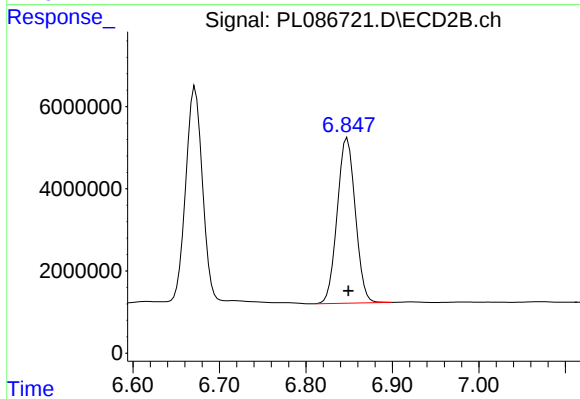
#21 Endrin ketone

R.T.: 6.672 min  
Delta R.T.: 0.000 min  
Response: 68924799  
Conc: 53.79 ng/ml



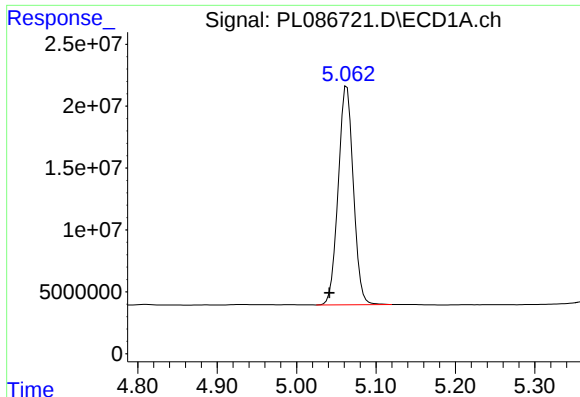
#22 Mirex

R.T.: 7.928 min  
Delta R.T.: 0.002 min  
Response: 123221790  
Conc: 43.63 ng/ml



#22 Mirex

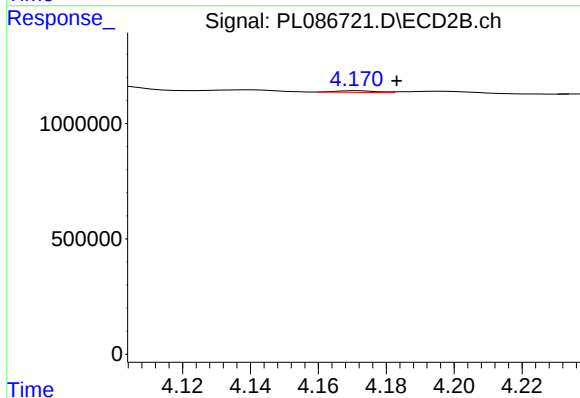
R.T.: 6.848 min  
Delta R.T.: -0.001 min  
Response: 58163462  
Conc: 51.17 ng/ml



#24 Chlordane-2

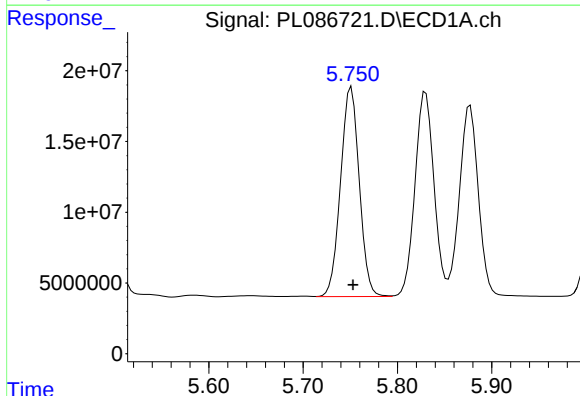
R.T.: 5.063 min  
Delta R.T.: 0.022 min  
Response: 234151257  
Conc: 1544.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



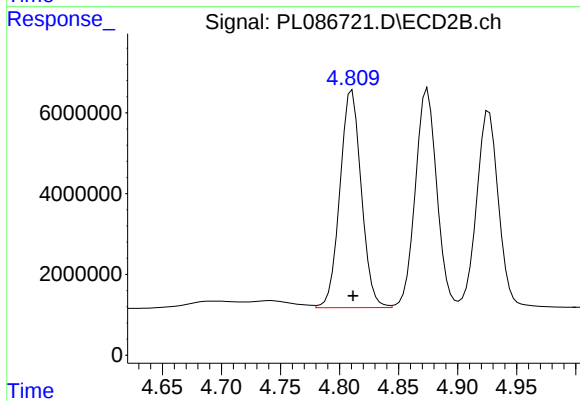
#24 Chlordane-2

R.T.: 4.172 min  
Delta R.T.: -0.011 min  
Response: 58643  
Conc: 1.30 ng/ml



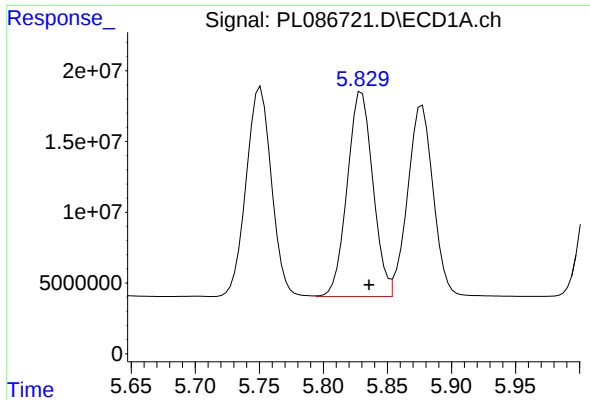
#25 Chlordane-3

R.T.: 5.751 min  
Delta R.T.: -0.002 min  
Response: 204363986  
Conc: 353.30 ng/ml



#25 Chlordane-3

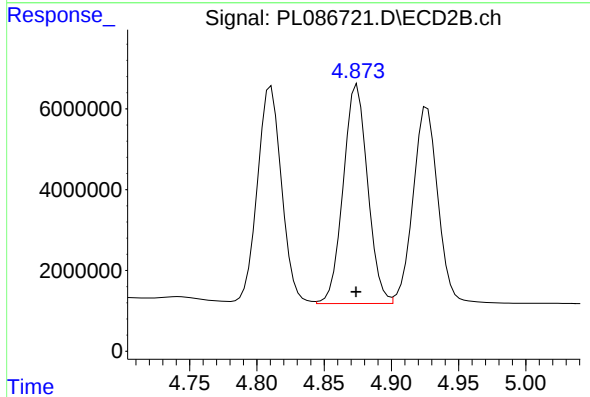
R.T.: 4.811 min  
Delta R.T.: 0.000 min  
Response: 67854856  
Conc: 575.47 ng/ml



#26 Chlordane-4

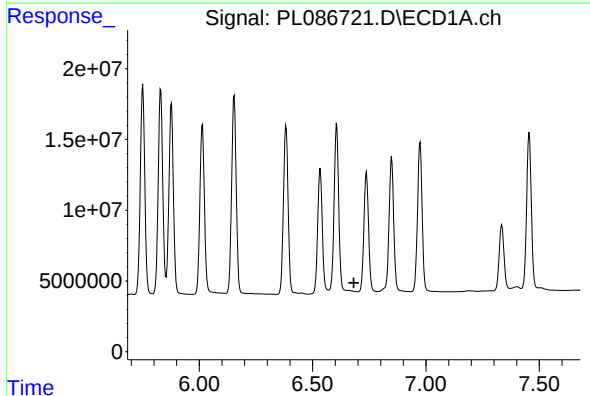
R.T.: 5.830 min  
Delta R.T.: -0.006 min  
Response: 202020392  
Conc: 282.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



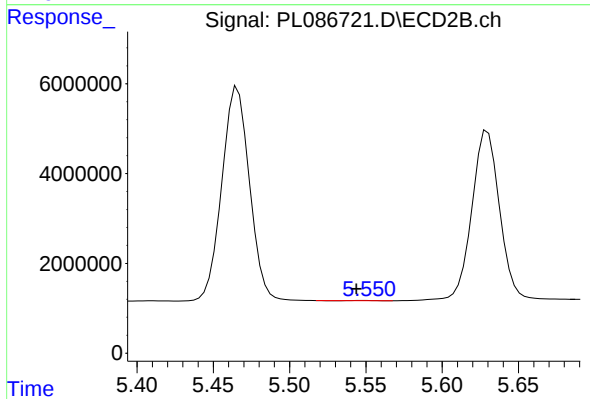
#26 Chlordane-4

R.T.: 4.874 min  
Delta R.T.: 0.000 min  
Response: 68439141  
Conc: 536.04 ng/ml



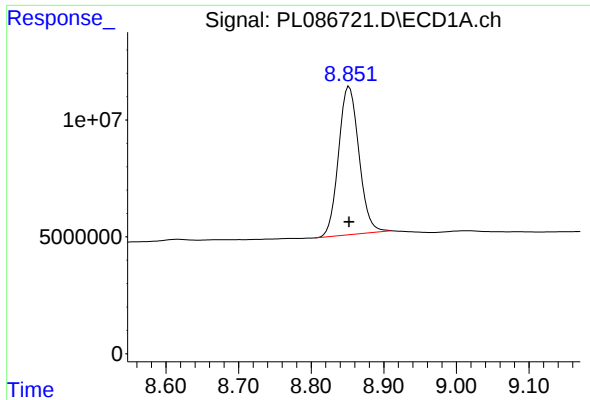
#27 Chlordane-5

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



#27 Chlordane-5

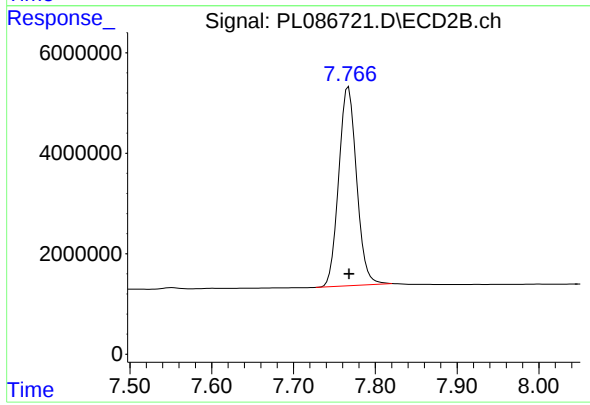
R.T.: 5.549 min  
Delta R.T.: 0.005 min  
Response: 14439  
Conc: 0.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.852 min  
Delta R.T.: 0.000 min  
Response: 124044206  
Conc: 42.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.767 min  
Delta R.T.: 0.000 min  
Response: 60001553  
Conc: 49.69 ng/ml