

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111323\  
 Data File : PL086611.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2023 11:14  
 Operator : AR\AJ  
 Sample : PESTSPIK500PPB  
 Misc :  
 ALS Vial : 100 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 13 19:56:42 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 |                 |       |        |          |         |          |            |
| 28)                         | SA Decachlor... | 0.000 | 7.781  | 0        | 115105  | N.D.     | 0.095 #    |
| Target Compounds            |                 |       |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.815 | 3.118  | 2546.7E6 | 742.7E6 | 529.411  | 557.179    |
| 3)                          | MA gamma-BHC... | 4.147 | 3.445  | 2293.9E6 | 684.6E6 | 487.579  | 515.853    |
| 4)                          | MA Heptachlor   | 4.733 | 3.781  | 2281.1E6 | 705.0E6 | 500.027  | 526.646    |
| 5)                          | MB Aldrin       | 5.072 | 4.058  | 2209.4E6 | 687.9E6 | 488.013  | 528.627    |
| 6)                          | B beta-BHC      | 4.350 | 3.747  | 853.7E6  | 264.7E6 | 422.067  | 444.081    |
| 7)                          | B delta-BHC     | 4.592 | 3.972  | 2239.5E6 | 694.0E6 | 487.764  | 530.489    |
| 8)                          | B Heptachlo...  | 5.502 | 4.562  | 1942.7E6 | 626.7E6 | 499.740  | 521.778    |
| 9)                          | A Endosulfan I  | 5.885 | 4.929  | 1829.5E6 | 597.7E6 | 487.663  | 519.791    |
| 10)                         | B gamma-Chl...  | 5.759 | 4.814  | 2038.2E6 | 649.7E6 | 497.450  | 526.583    |
| 11)                         | B alpha-Chl...  | 5.838 | 4.877  | 1967.5E6 | 633.7E6 | 484.624  | 506.727    |
| 12)                         | B 4,4'-DDE      | 6.022 | 5.076  | 1801.9E6 | 596.4E6 | 519.543  | 581.004    |
| 13)                         | MA Dieldrin     | 6.162 | 5.195  | 1931.3E6 | 642.7E6 | 491.178  | 538.654    |
| 14)                         | MA Endrin       | 6.391 | 5.469  | 1563.2E6 | 552.0E6 | 453.838  | 503.978    |
| 15)                         | B Endosulfa...  | 6.613 | 5.767  | 1523.3E6 | 535.3E6 | 428.562  | 487.763    |
| 16)                         | A 4,4'-DDD      | 6.541 | 5.632  | 1414.7E6 | 496.2E6 | 531.276  | 582.432    |
| 17)                         | MA 4,4'-DDT     | 6.855 | 5.883  | 1492.1E6 | 525.5E6 | 503.345  | 537.516    |
| 18)                         | B Endrin al...  | 6.744 | 5.948  | 1127.9E6 | 402.1E6 | 425.423  | 429.200    |
| 19)                         | B Endosulfa...  | 6.981 | 6.173  | 1567.5E6 | 550.5E6 | 467.023  | 506.835    |
| 20)                         | A Methoxychlor  | 7.341 | 6.467  | 617.9E6  | 233.2E6 | 387.184  | 389.782    |
| 21)                         | B Endrin ke...  | 7.462 | 6.674  | 1690.6E6 | 661.5E6 | 496.048  | 516.231    |
| 22)                         | Mirex           | 7.934 | 6.851  | 1150.9E6 | 472.8E6 | 407.527  | 415.888    |
| 24)                         | Chlordane-2     | 0.000 | 4.201f | 0        | 290899  | N.D.     | 6.441 #    |
| 25)                         | Chlordane-3     | 5.759 | 4.814  | 2038.2E6 | 649.7E6 | 3523.562 | 5509.933 # |
| 26)                         | Chlordane-4     | 5.838 | 4.877  | 1967.5E6 | 633.7E6 | 2752.081 | 4963.011 # |
| 27)                         | Chlordane-5     | 0.000 | 5.547  | 0        | 514238  | N.D.     | 14.164 #   |
| -----                       |                 |       |        |          |         |          |            |

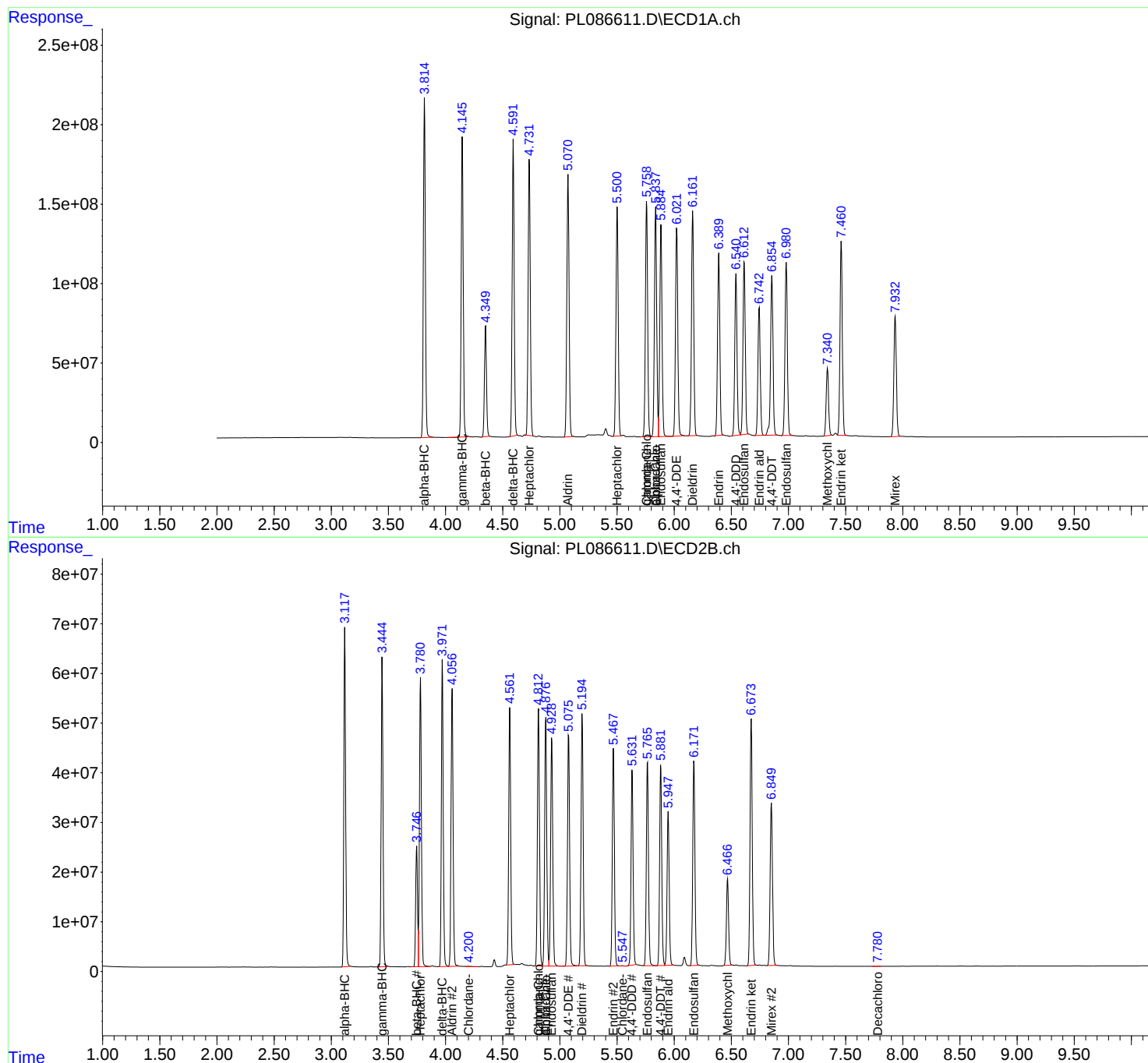
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

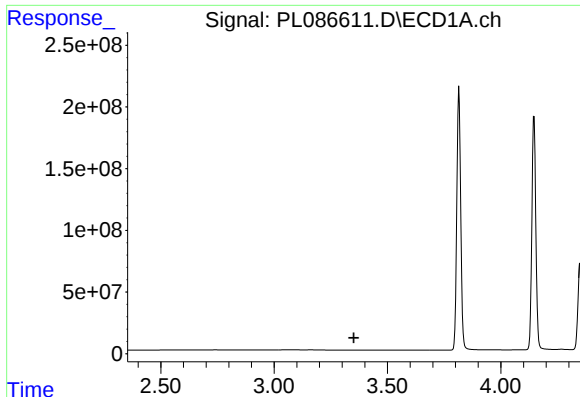
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111323\  
Data File : PL086611.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2023 11:14  
Operator : AR\AJ  
Sample : PESTSPIK500PPB  
Misc :  
ALS Vial : 100 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 13 19:56:42 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

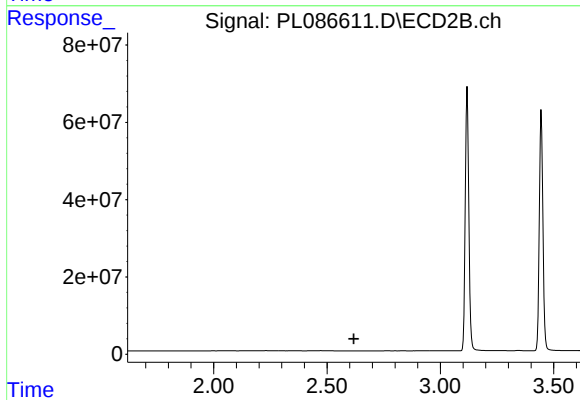




#1 Tetrachloro-m-xylene

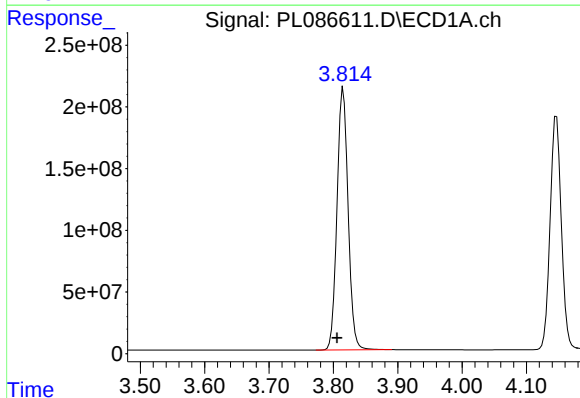
R.T.: 0.000 min  
Exp R.T.: 3.352 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



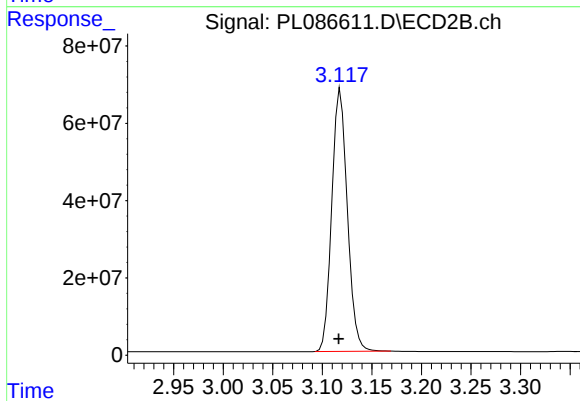
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T.: 2.618 min  
Response: 0  
Conc: N.D.



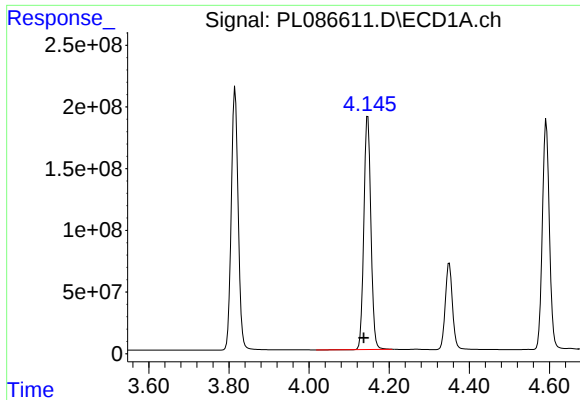
#2 alpha-BHC

R.T.: 3.815 min  
Delta R.T.: 0.010 min  
Response: 2546693596  
Conc: 529.41 ng/ml



#2 alpha-BHC

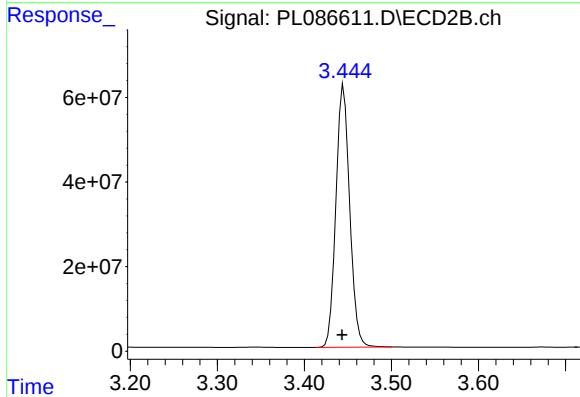
R.T.: 3.118 min  
Delta R.T.: 0.002 min  
Response: 742694352  
Conc: 557.18 ng/ml



#3 gamma-BHC (Lindane)

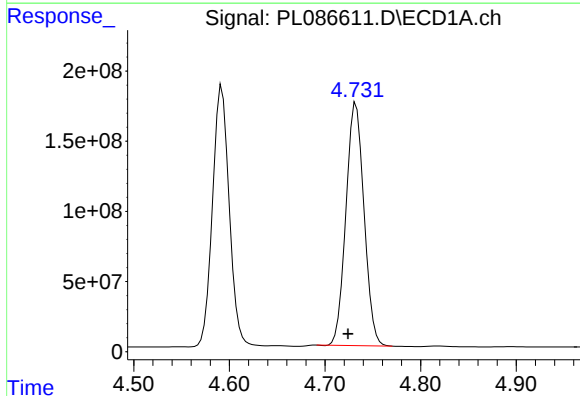
R.T.: 4.147 min  
Delta R.T.: 0.010 min  
Response: 2293875808  
Conc: 487.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



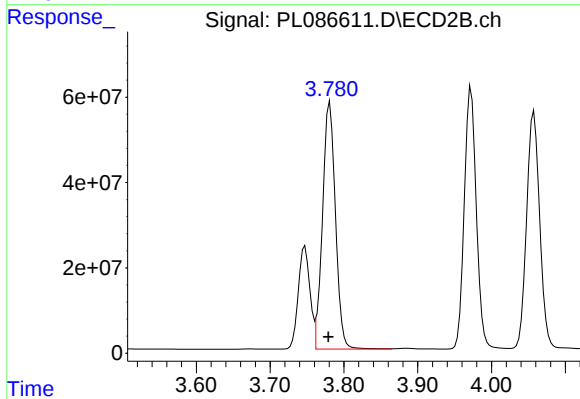
#3 gamma-BHC (Lindane)

R.T.: 3.445 min  
Delta R.T.: 0.002 min  
Response: 684598250  
Conc: 515.85 ng/ml



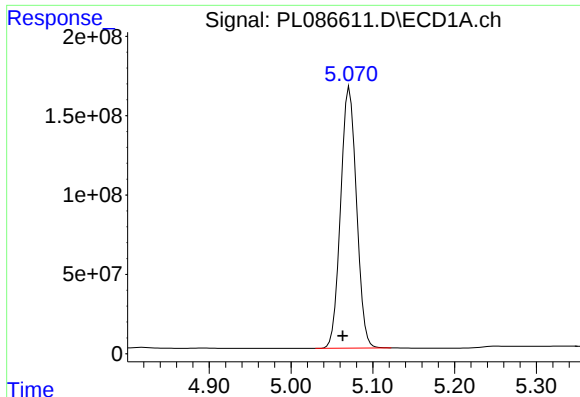
#4 Heptachlor

R.T.: 4.733 min  
Delta R.T.: 0.008 min  
Response: 2281098981  
Conc: 500.03 ng/ml



#4 Heptachlor

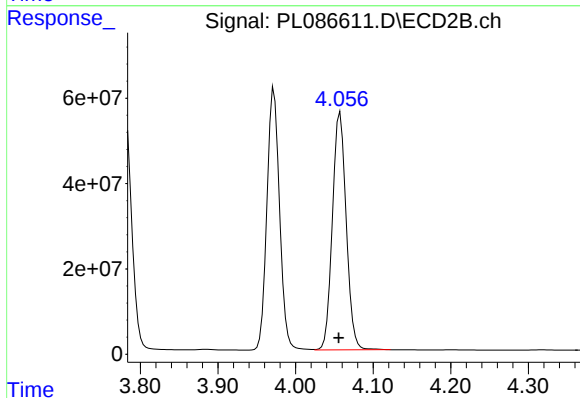
R.T.: 3.781 min  
Delta R.T.: 0.002 min  
Response: 704985815  
Conc: 526.65 ng/ml



#5 Aldrin

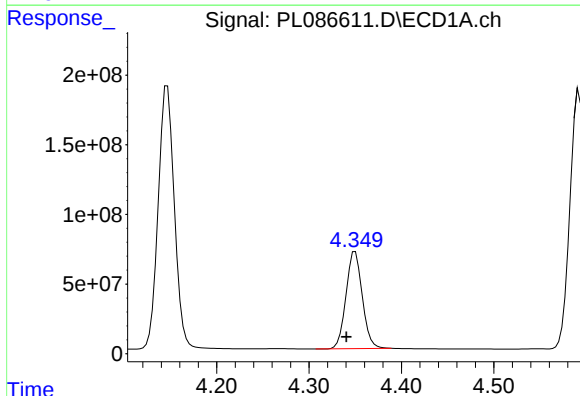
R.T.: 5.072 min  
Delta R.T.: 0.008 min  
Response: 2209416945  
Conc: 488.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



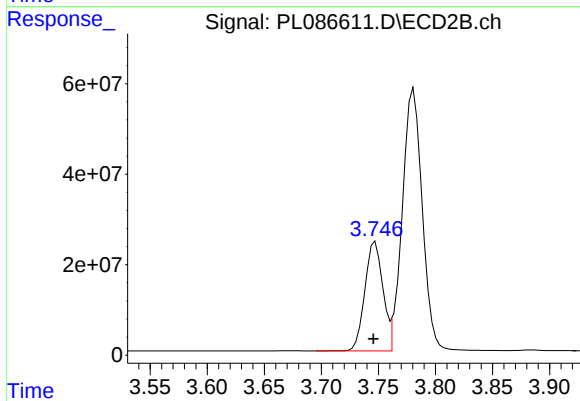
#5 Aldrin

R.T.: 4.058 min  
Delta R.T.: 0.002 min  
Response: 687901829  
Conc: 528.63 ng/ml



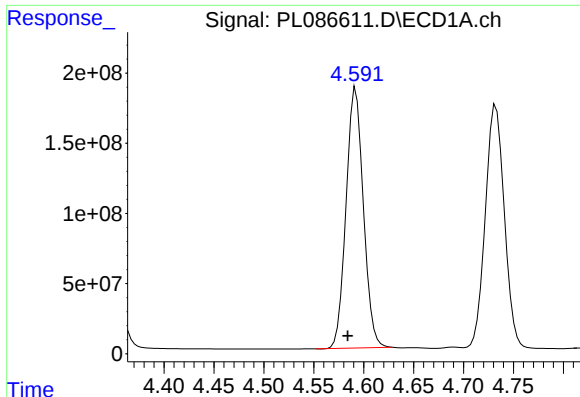
#6 beta-BHC

R.T.: 4.350 min  
Delta R.T.: 0.010 min  
Response: 853660546  
Conc: 422.07 ng/ml



#6 beta-BHC

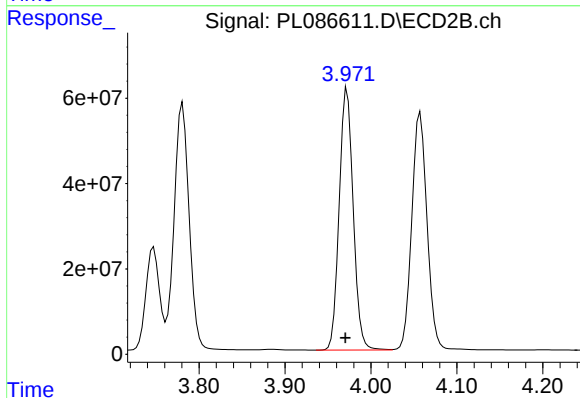
R.T.: 3.747 min  
Delta R.T.: 0.002 min  
Response: 264691876  
Conc: 444.08 ng/ml



#7 delta-BHC

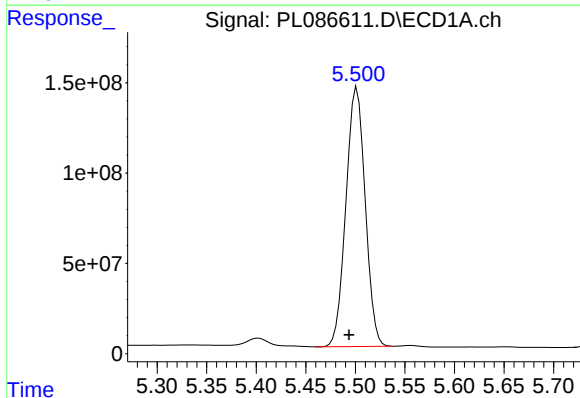
R.T.: 4.592 min  
Delta R.T.: 0.008 min  
Response: 2239497462  
Conc: 487.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



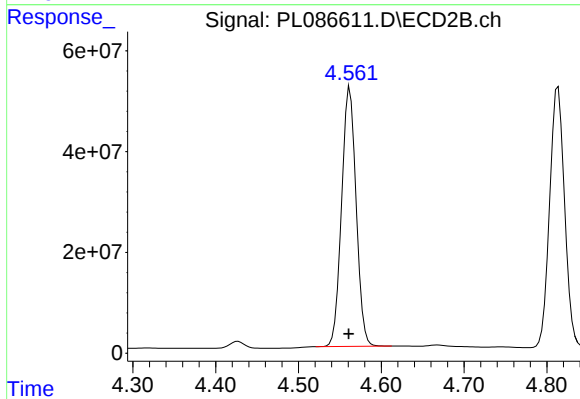
#7 delta-BHC

R.T.: 3.972 min  
Delta R.T.: 0.002 min  
Response: 694025311  
Conc: 530.49 ng/ml



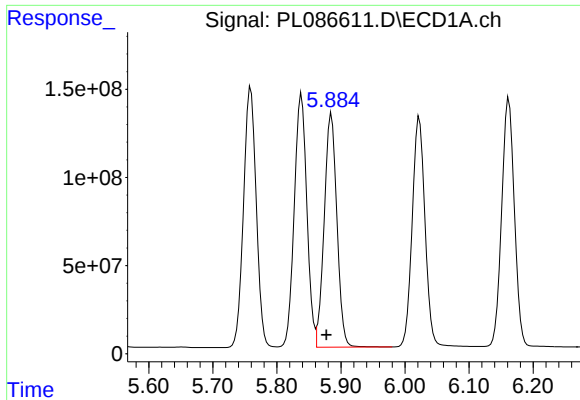
#8 Heptachlor epoxide

R.T.: 5.502 min  
Delta R.T.: 0.008 min  
Response: 1942658492  
Conc: 499.74 ng/ml



#8 Heptachlor epoxide

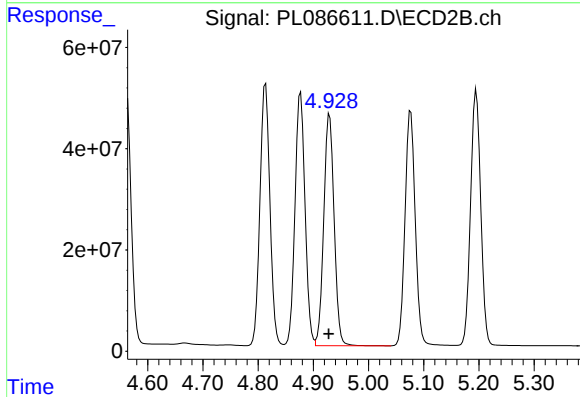
R.T.: 4.562 min  
Delta R.T.: 0.002 min  
Response: 626663890  
Conc: 521.78 ng/ml



#9 Endosulfan I

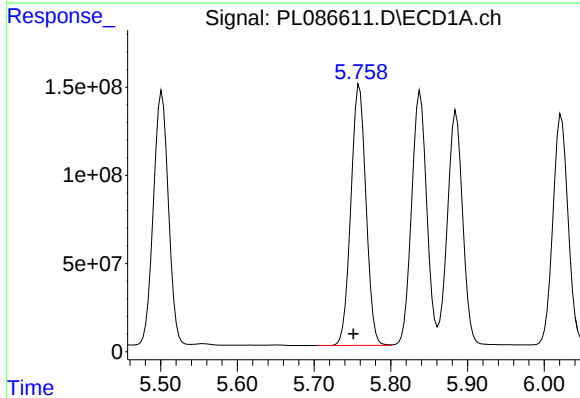
R.T.: 5.885 min  
Delta R.T.: 0.008 min  
Response: 1829518499  
Conc: 487.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



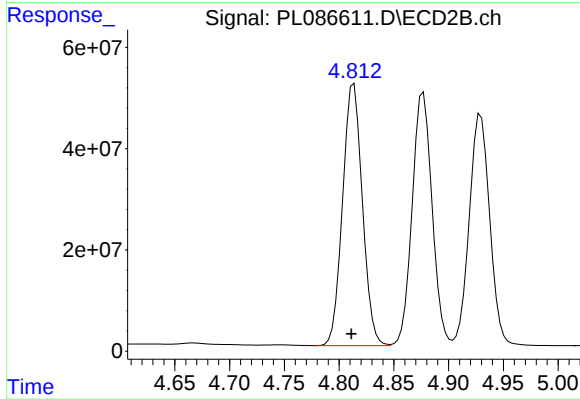
#9 Endosulfan I

R.T.: 4.929 min  
Delta R.T.: 0.002 min  
Response: 597674575  
Conc: 519.79 ng/ml



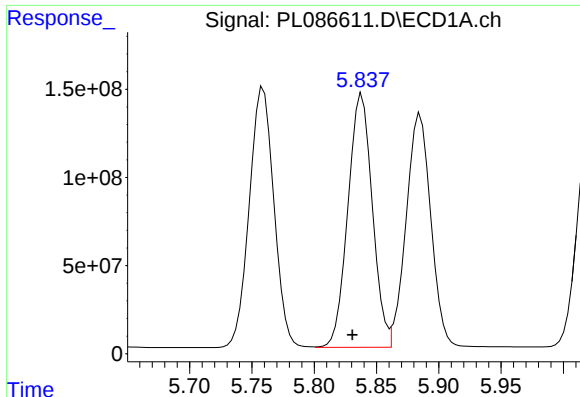
#10 gamma-Chlordane

R.T.: 5.759 min  
Delta R.T.: 0.008 min  
Response: 2038164651  
Conc: 497.45 ng/ml



#10 gamma-Chlordane

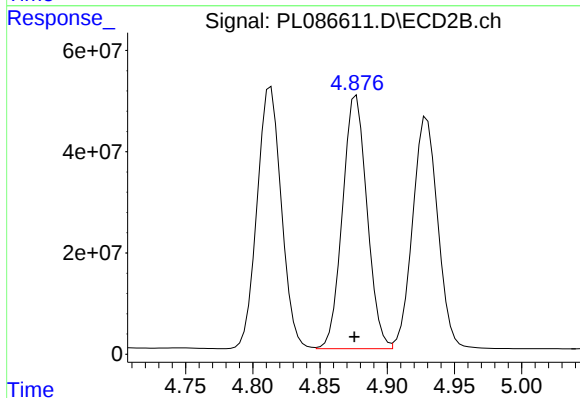
R.T.: 4.814 min  
Delta R.T.: 0.002 min  
Response: 649688139  
Conc: 526.58 ng/ml



#11 alpha-Chlordane

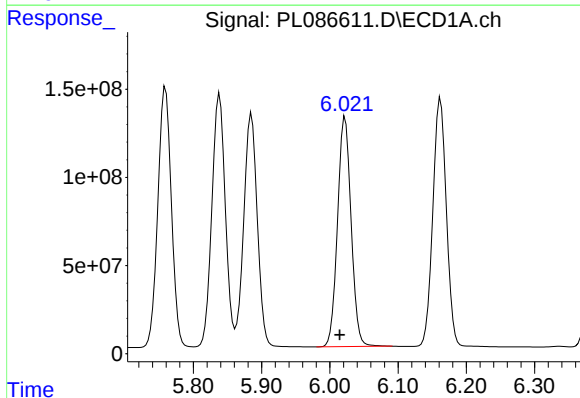
R.T.: 5.838 min  
Delta R.T.: 0.008 min  
Response: 1967542788  
Conc: 484.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



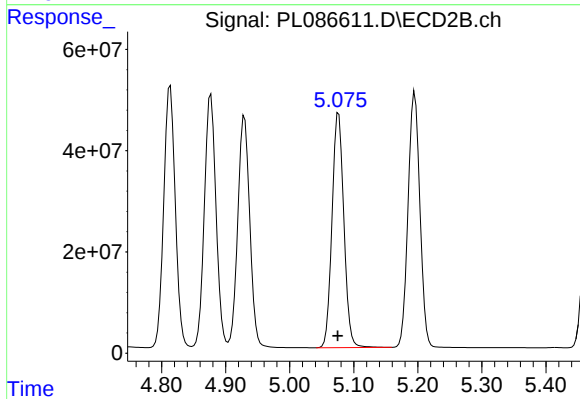
#11 alpha-Chlordane

R.T.: 4.877 min  
Delta R.T.: 0.001 min  
Response: 633650901  
Conc: 506.73 ng/ml



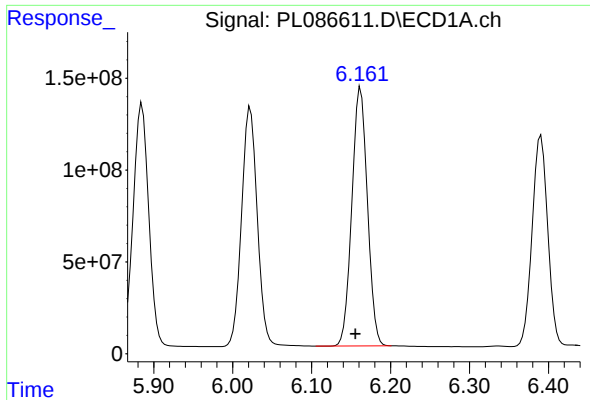
#12 4,4'-DDE

R.T.: 6.022 min  
Delta R.T.: 0.008 min  
Response: 1801923281  
Conc: 519.54 ng/ml



#12 4,4'-DDE

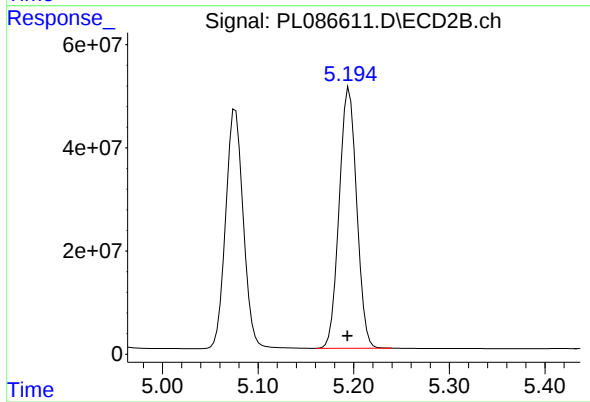
R.T.: 5.076 min  
Delta R.T.: 0.001 min  
Response: 596414686  
Conc: 581.00 ng/ml



#13 Dieldrin

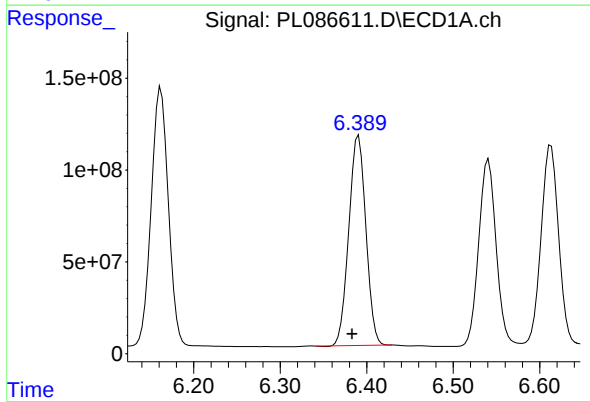
R.T.: 6.162 min  
Delta R.T.: 0.007 min  
Response: 1931291930  
Conc: 491.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



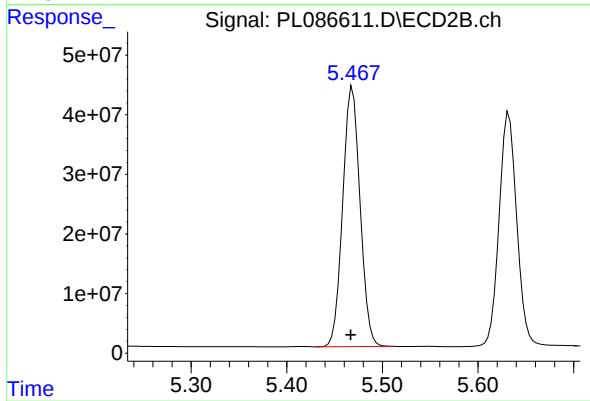
#13 Dieldrin

R.T.: 5.195 min  
Delta R.T.: 0.002 min  
Response: 642710482  
Conc: 538.65 ng/ml



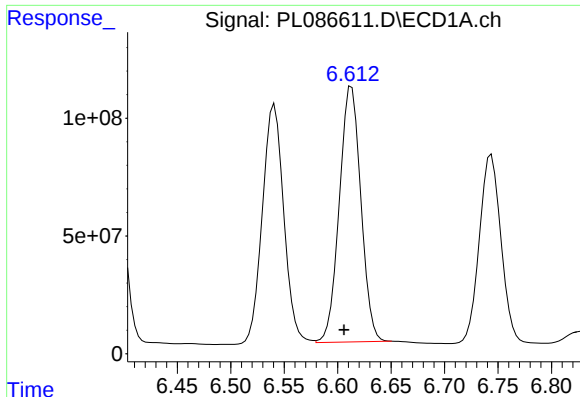
#14 Endrin

R.T.: 6.391 min  
Delta R.T.: 0.008 min  
Response: 1563184257  
Conc: 453.84 ng/ml



#14 Endrin

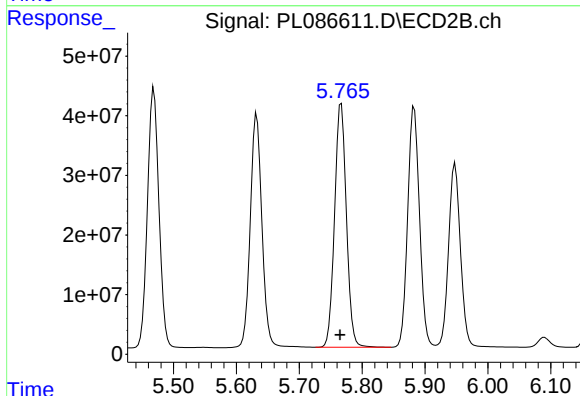
R.T.: 5.469 min  
Delta R.T.: 0.002 min  
Response: 552022006  
Conc: 503.98 ng/ml



#15 Endosulfan II

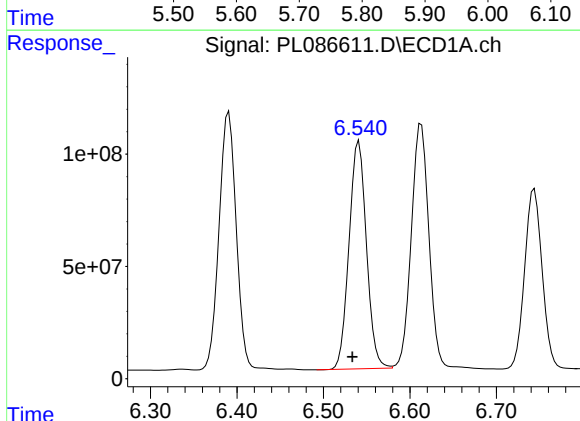
R.T.: 6.613 min  
Delta R.T.: 0.007 min  
Response: 1523284903  
Conc: 428.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



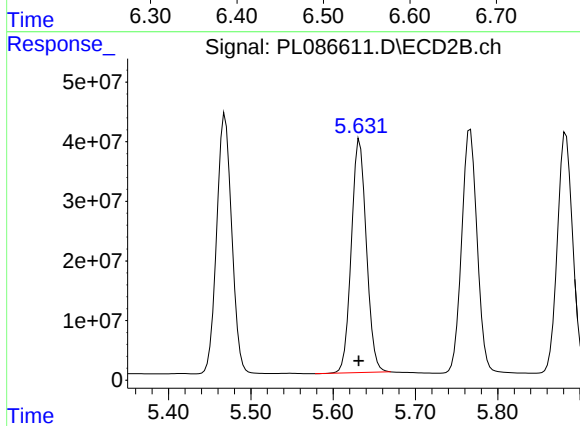
#15 Endosulfan II

R.T.: 5.767 min  
Delta R.T.: 0.002 min  
Response: 535347131  
Conc: 487.76 ng/ml



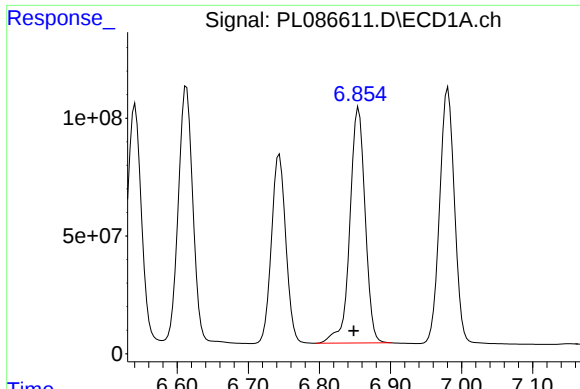
#16 4,4'-DDD

R.T.: 6.541 min  
Delta R.T.: 0.008 min  
Response: 1414659953  
Conc: 531.28 ng/ml



#16 4,4'-DDD

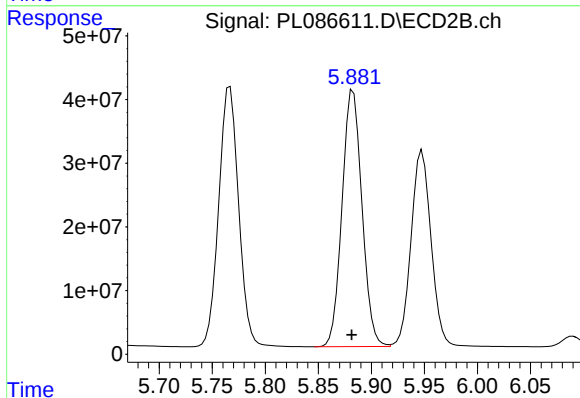
R.T.: 5.632 min  
Delta R.T.: 0.001 min  
Response: 496218102  
Conc: 582.43 ng/ml



#17 4,4'-DDT

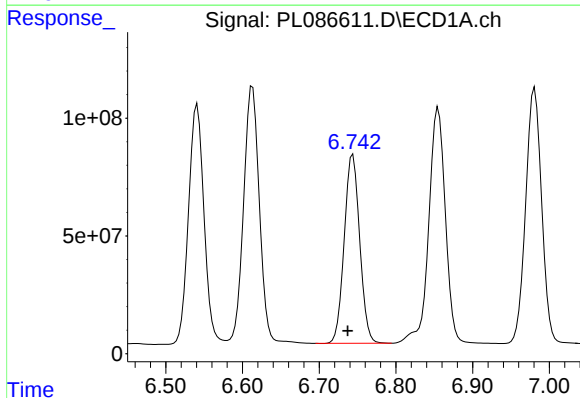
R.T.: 6.855 min  
Delta R.T.: 0.007 min  
Response: 1492074938  
Conc: 503.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



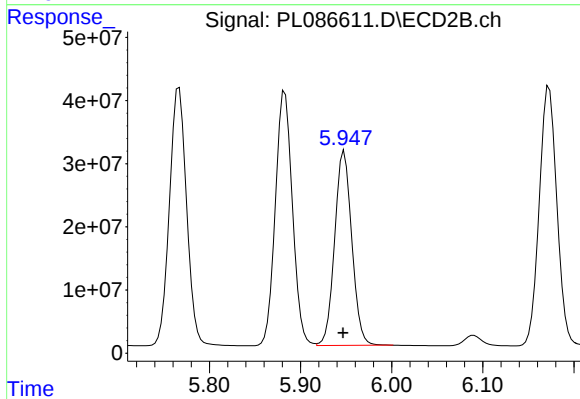
#17 4,4'-DDT

R.T.: 5.883 min  
Delta R.T.: 0.001 min  
Response: 525461176  
Conc: 537.52 ng/ml



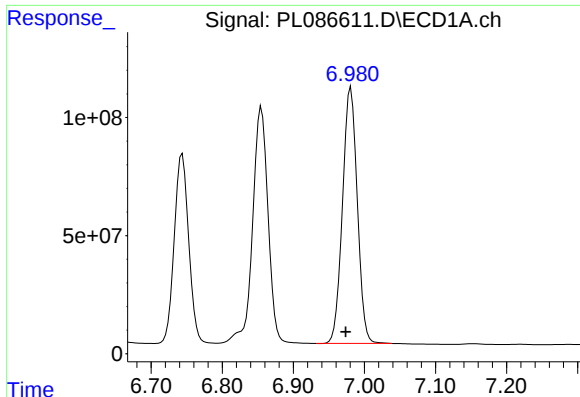
#18 Endrin aldehyde

R.T.: 6.744 min  
Delta R.T.: 0.007 min  
Response: 1127855164  
Conc: 425.42 ng/ml



#18 Endrin aldehyde

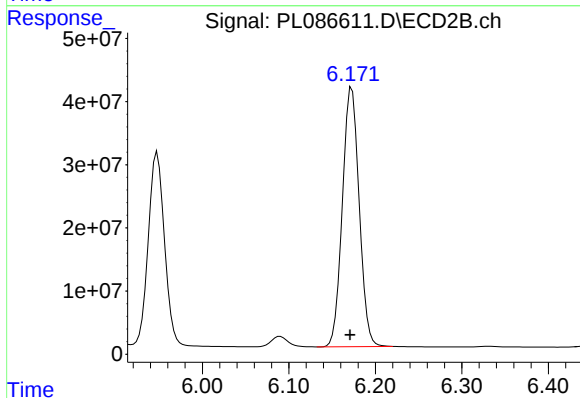
R.T.: 5.948 min  
Delta R.T.: 0.001 min  
Response: 402053358  
Conc: 429.20 ng/ml



#19 Endosulfan Sulfate

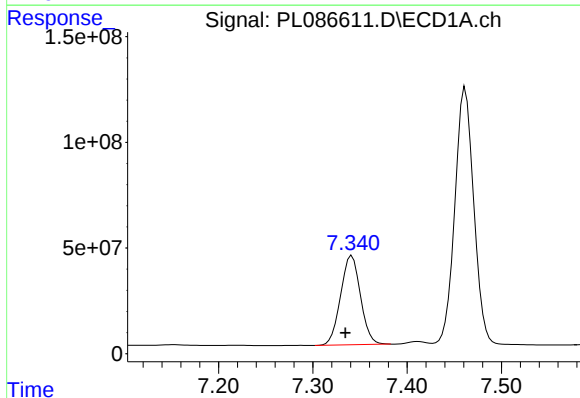
R.T.: 6.981 min  
Delta R.T.: 0.007 min  
Response: 1567485990  
Conc: 467.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



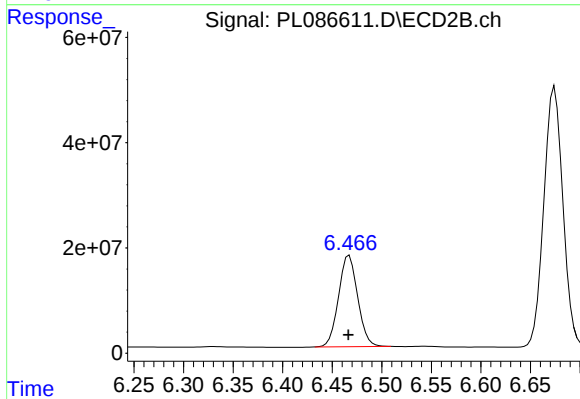
#19 Endosulfan Sulfate

R.T.: 6.173 min  
Delta R.T.: 0.002 min  
Response: 550510937  
Conc: 506.84 ng/ml



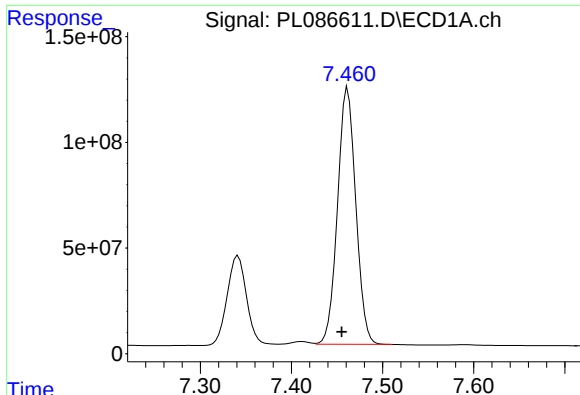
#20 Methoxychlor

R.T.: 7.341 min  
Delta R.T.: 0.007 min  
Response: 617896618  
Conc: 387.18 ng/ml



#20 Methoxychlor

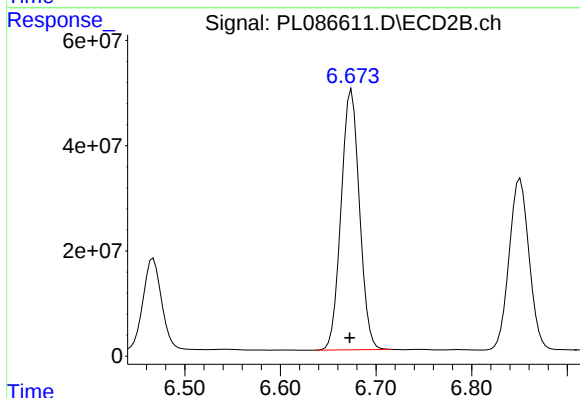
R.T.: 6.467 min  
Delta R.T.: 0.001 min  
Response: 233155466  
Conc: 389.78 ng/ml



#21 Endrin ketone

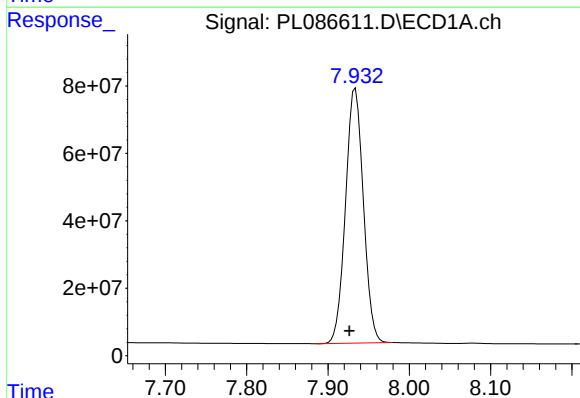
R.T.: 7.462 min  
Delta R.T.: 0.006 min  
Response: 1690552064  
Conc: 496.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



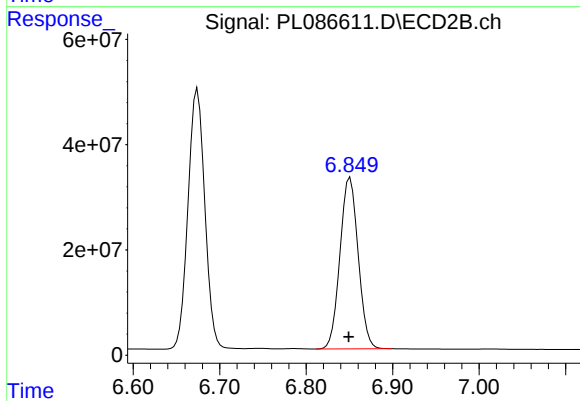
#21 Endrin ketone

R.T.: 6.674 min  
Delta R.T.: 0.002 min  
Response: 661452506  
Conc: 516.23 ng/ml



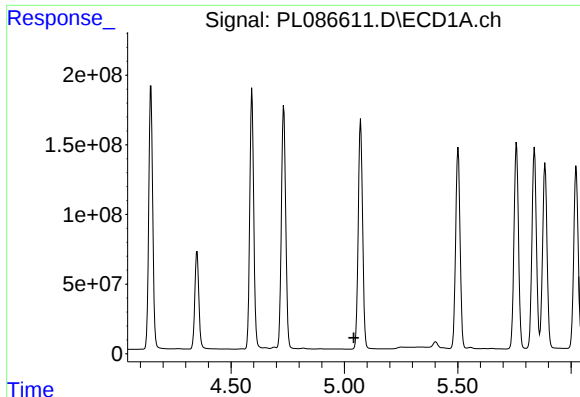
#22 Mirex

R.T.: 7.934 min  
Delta R.T.: 0.007 min  
Response: 1150914980  
Conc: 407.53 ng/ml



#22 Mirex

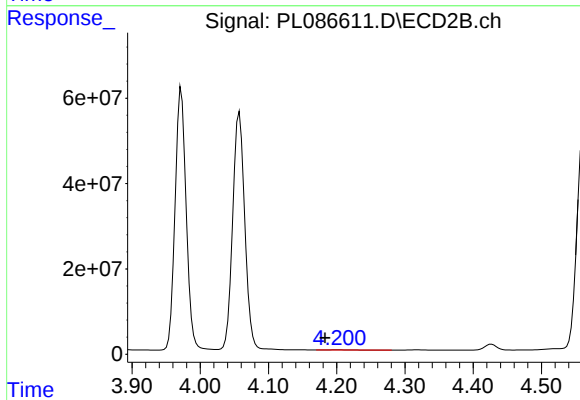
R.T.: 6.851 min  
Delta R.T.: 0.002 min  
Response: 472752211  
Conc: 415.89 ng/ml



#24 Chlordane-2

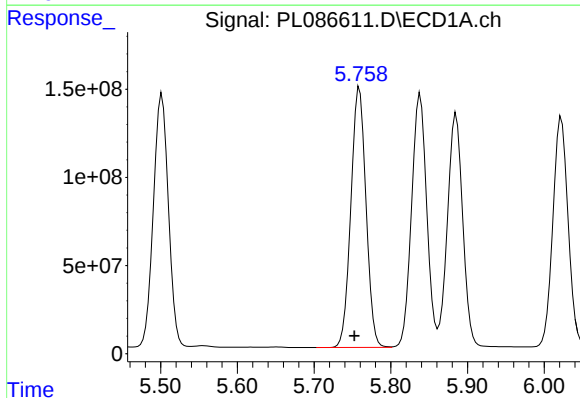
R.T.: 0.000 min  
Exp R.T.: 5.041 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



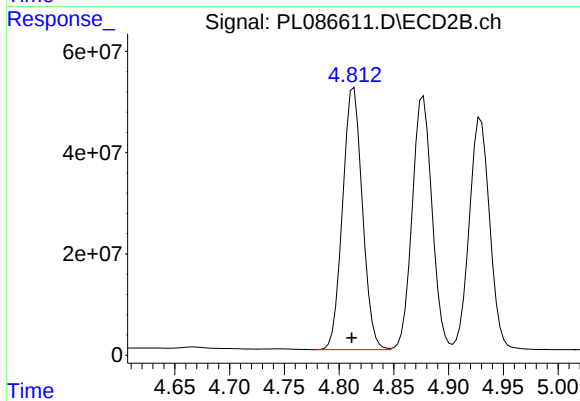
#24 Chlordane-2

R.T.: 4.201 min  
Delta R.T.: 0.018 min  
Response: 290899  
Conc: 6.44 ng/ml



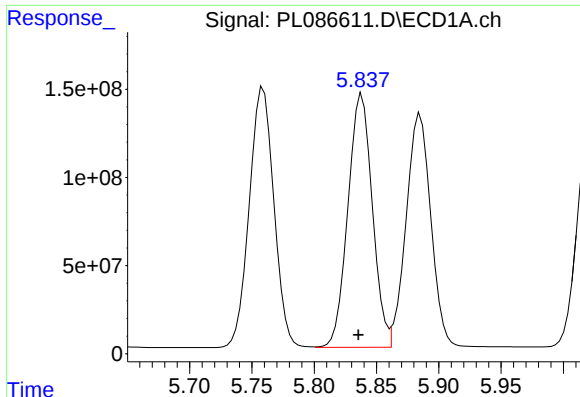
#25 Chlordane-3

R.T.: 5.759 min  
Delta R.T.: 0.006 min  
Response: 2038164651  
Conc: 3523.56 ng/ml



#25 Chlordane-3

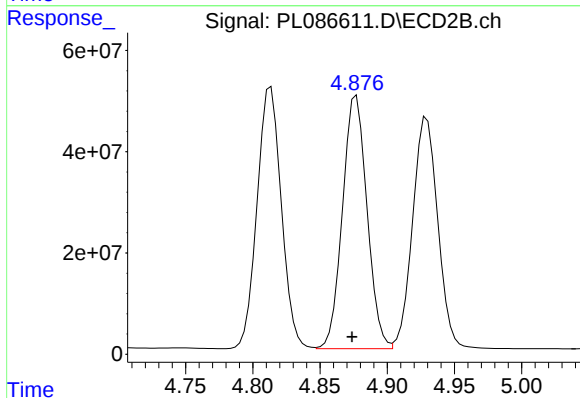
R.T.: 4.814 min  
Delta R.T.: 0.002 min  
Response: 649688139  
Conc: 5509.93 ng/ml



#26 Chlordane-4

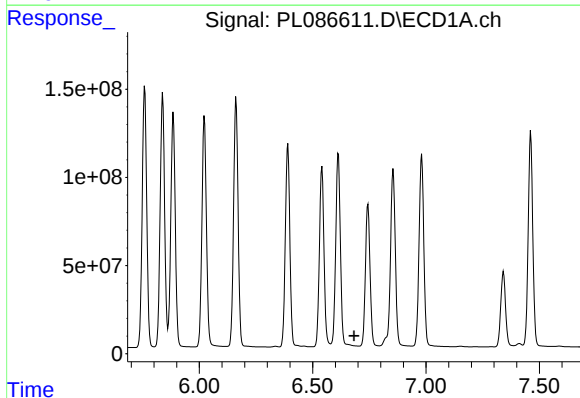
R.T.: 5.838 min  
Delta R.T.: 0.003 min  
Response: 1967542788  
Conc: 2752.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



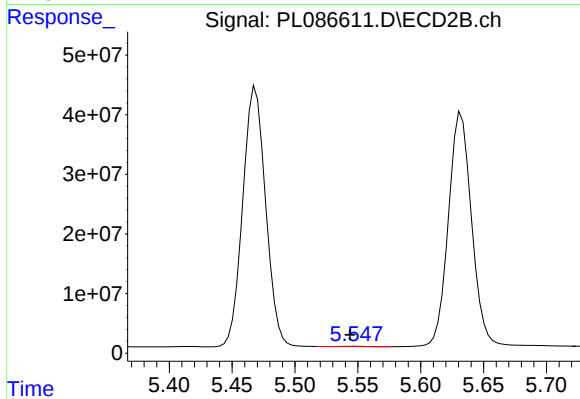
#26 Chlordane-4

R.T.: 4.877 min  
Delta R.T.: 0.003 min  
Response: 633650901  
Conc: 4963.01 ng/ml



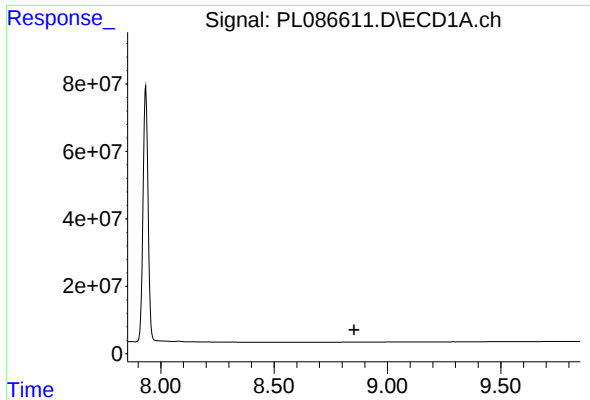
#27 Chlordane-5

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



#27 Chlordane-5

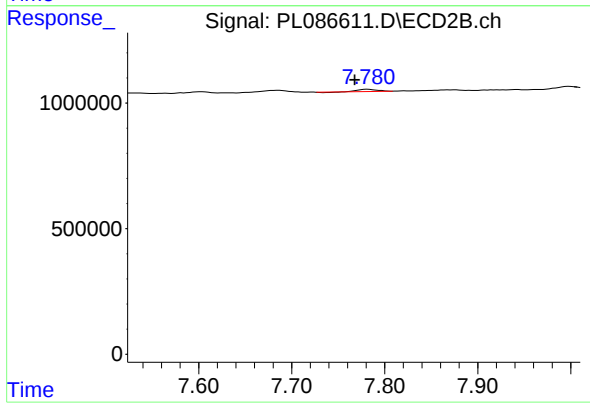
R.T.: 5.547 min  
Delta R.T.: 0.003 min  
Response: 514238  
Conc: 14.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T.: 8.852 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.781 min  
Delta R.T.: 0.013 min  
Response: 115105  
Conc: 0.10 ng/ml