

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072823\  
 Data File : PL084363.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jul 2023 23:34  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 31 08:35:33 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 14 00:03:54 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... | 3.476  | 2.687 | 90016723 | 45883325 | 45.011  | 41.315    |
| 28)                         | SA Decachlor... | 9.026  | 7.870 | 64104974 | 52001841 | 49.249  | 46.801    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.934  | 3.193 | 134.2E6  | 69646048 | 45.801  | 43.316    |
| 3)                          | MA gamma-BHC... | 4.269  | 3.524 | 127.9E6  | 68113806 | 45.268  | 44.791    |
| 4)                          | MA Heptachlor   | 4.861  | 3.865 | 135.5E6  | 63001072 | 49.853  | 53.460    |
| 5)                          | MB Aldrin       | 5.204  | 4.145 | 130.6E6  | 64237285 | 45.614  | 42.602    |
| 6)                          | B beta-BHC      | 4.468  | 3.826 | 57633104 | 29572642 | 48.034  | 44.803    |
| 7)                          | B delta-BHC     | 4.714  | 4.054 | 132.2E6  | 67901056 | 49.593  | 44.889    |
| 8)                          | B Heptachlo...  | 5.633  | 4.652 | 119.4E6  | 57979578 | 44.740  | 45.149    |
| 9)                          | A Endosulfan I  | 6.019  | 5.022 | 101.7E6  | 54174125 | 42.945  | 44.169    |
| 10)                         | B gamma-Chl...  | 5.891  | 4.904 | 110.9E6  | 59400146 | 42.938  | 44.589    |
| 11)                         | B alpha-Chl...  | 5.970  | 4.969 | 109.3E6  | 59854149 | 42.977  | 44.431    |
| 12)                         | B 4,4'-DDE      | 6.149  | 5.166 | 91885019 | 54957313 | 45.669  | 44.741    |
| 13)                         | MA Dieldrin     | 6.296  | 5.289 | 103.3E6  | 59694958 | 43.236  | 45.836    |
| 14)                         | MA Endrin       | 6.525  | 5.564 | 84573061 | 54934675 | 44.409  | 49.975    |
| 15)                         | B Endosulfa...  | 6.745  | 5.862 | 81021254 | 51776539 | 43.227  | 45.049    |
| 16)                         | A 4,4'-DDD      | 6.668  | 5.725 | 69544384 | 46542981 | 47.356  | 48.515    |
| 17)                         | MA 4,4'-DDT     | 6.983  | 5.977 | 73798874 | 51820394 | 46.275  | 56.896    |
| 18)                         | B Endrin al...  | 6.876  | 6.043 | 66850645 | 43079875 | 45.629  | 47.923    |
| 19)                         | B Endosulfa...  | 7.112  | 6.268 | 76710708 | 51538851 | 44.375  | 46.895    |
| 20)                         | A Methoxychlor  | 7.465  | 6.561 | 39222179 | 30445740 | 50.142  | 63.529 #  |
| 21)                         | B Endrin ke...  | 7.596  | 6.772 | 79403554 | 62581884 | 45.310  | 48.435    |
| 22)                         | Mirex           | 8.072  | 6.954 | 64169582 | 49150412 | 44.844  | 48.155    |
| 24)                         | Chlordane-2     | 5.204f | 4.284 | 130.6E6  | -55951   | 163.527 | N.D. #    |
| 25)                         | Chlordane-3     | 5.891  | 4.904 | 110.9E6  | 59400146 | 31.583  | 43.323 #  |
| 26)                         | Chlordane-4     | 5.970  | 4.969 | 109.3E6  | 59854149 | 26.763  | 41.778 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.862 | 0        | 51776539 | N.D.    | 112.829 # |
| -----                       |                 |        |       |          |          |         |           |

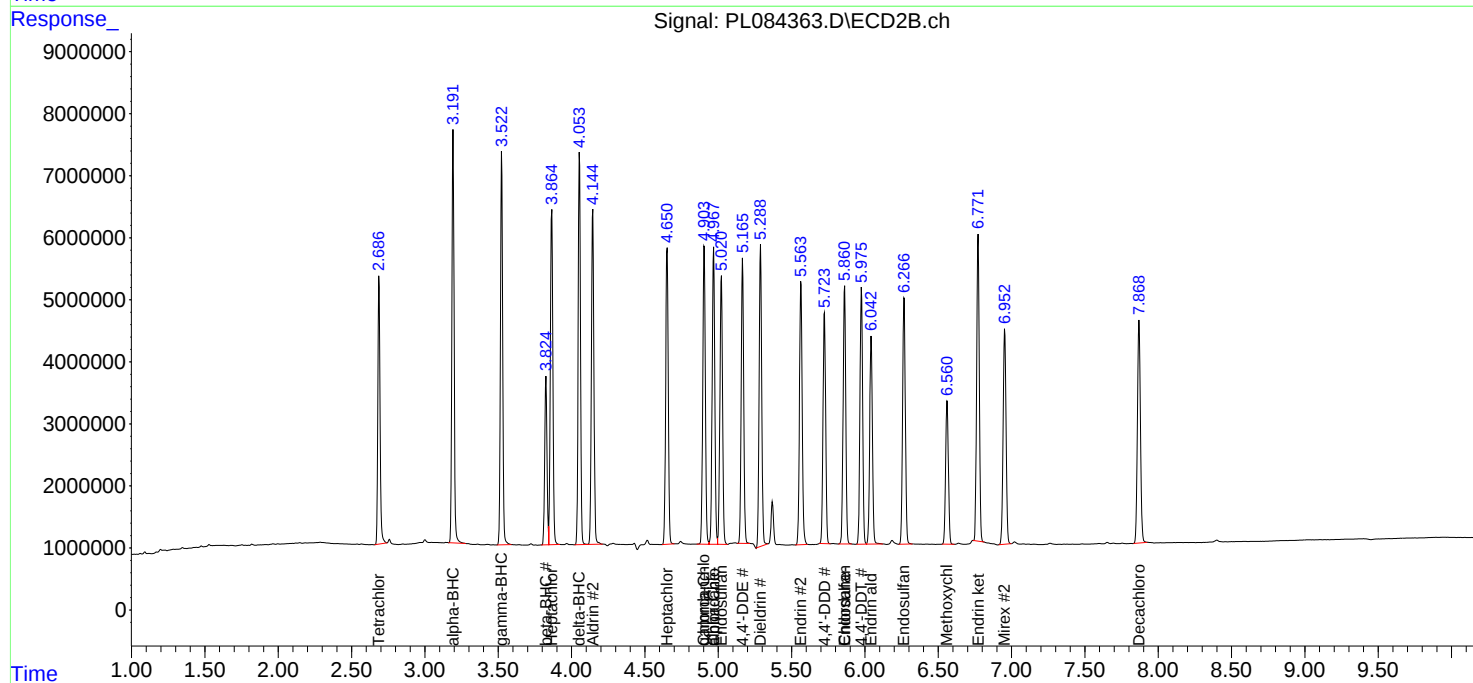
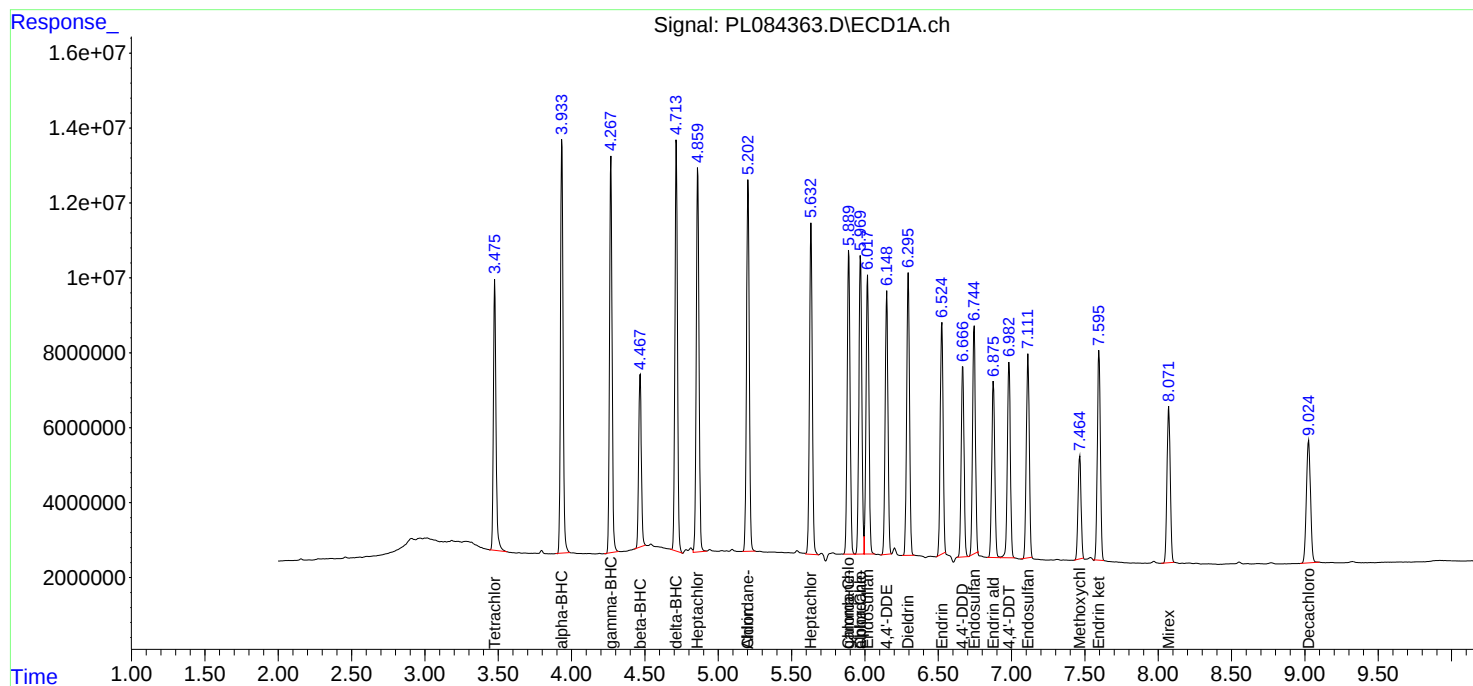
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

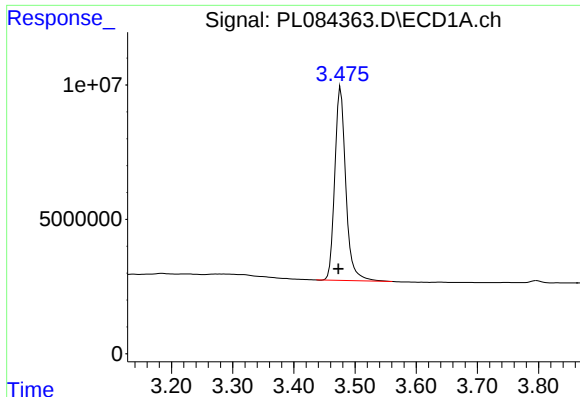
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072823\  
Data File : PL084363.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jul 2023 23:34  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 31 08:35:33 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 14 00:03:54 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

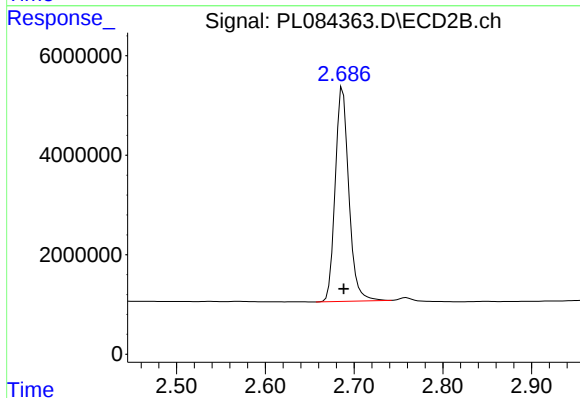




#1 Tetrachloro-m-xylene

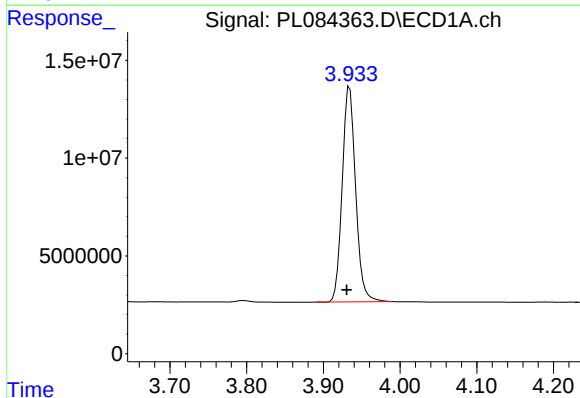
R.T.: 3.476 min  
Delta R.T.: 0.003 min  
Response: 90016723  
Conc: 45.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



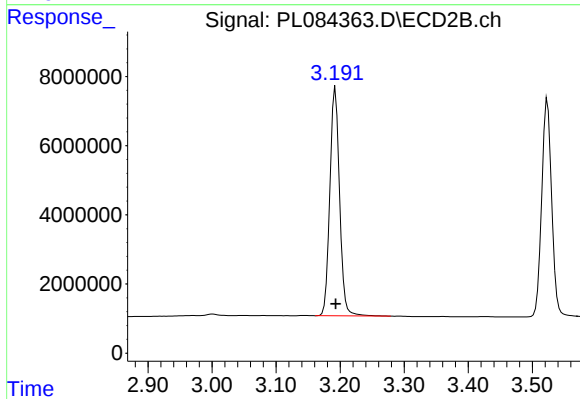
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: -0.001 min  
Response: 45883325  
Conc: 41.31 ng/ml



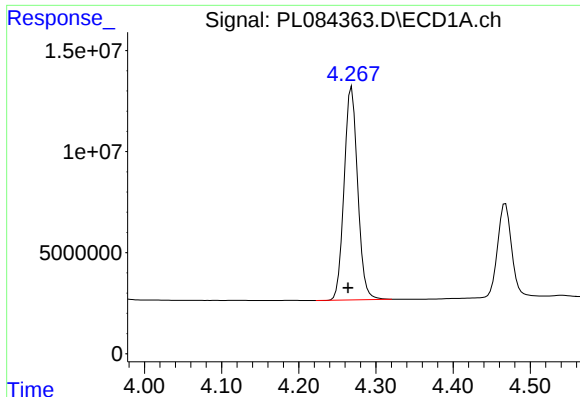
#2 alpha-BHC

R.T.: 3.934 min  
Delta R.T.: 0.004 min  
Response: 134188937  
Conc: 45.80 ng/ml



#2 alpha-BHC

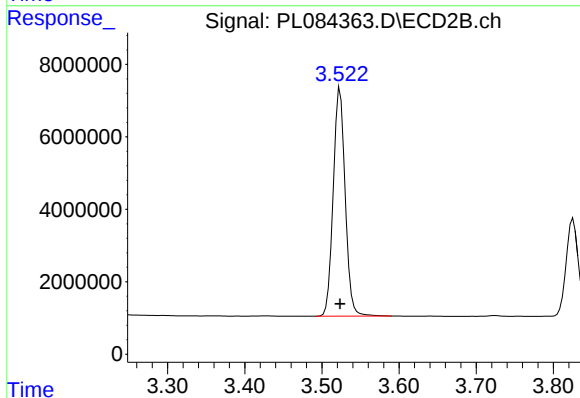
R.T.: 3.193 min  
Delta R.T.: 0.000 min  
Response: 69646048  
Conc: 43.32 ng/ml



#3 gamma-BHC (Lindane)

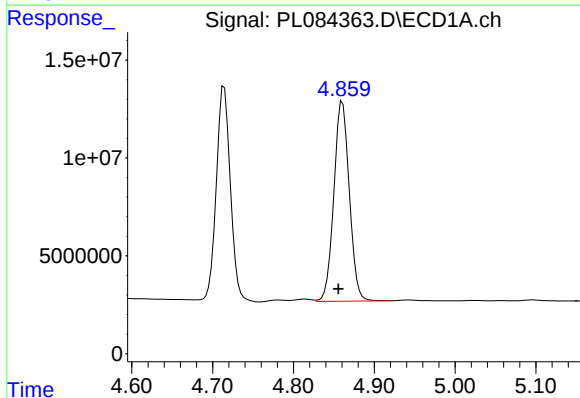
R.T.: 4.269 min  
Delta R.T.: 0.005 min  
Response: 127896087  
Conc: 45.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



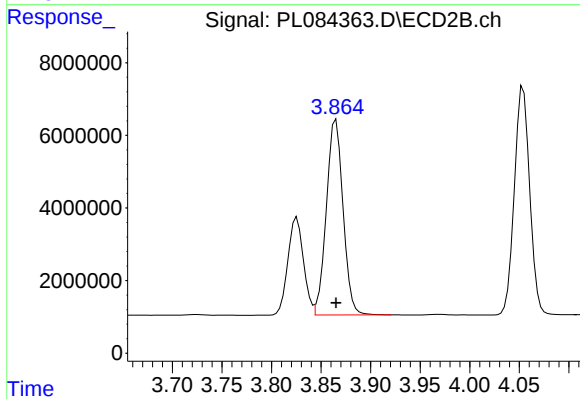
#3 gamma-BHC (Lindane)

R.T.: 3.524 min  
Delta R.T.: 0.000 min  
Response: 68113806  
Conc: 44.79 ng/ml



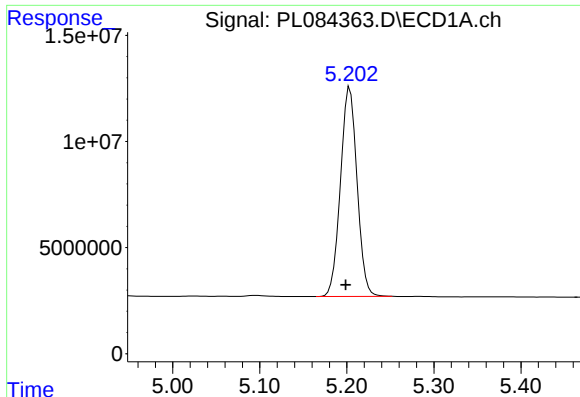
#4 Heptachlor

R.T.: 4.861 min  
Delta R.T.: 0.005 min  
Response: 135480364  
Conc: 49.85 ng/ml



#4 Heptachlor

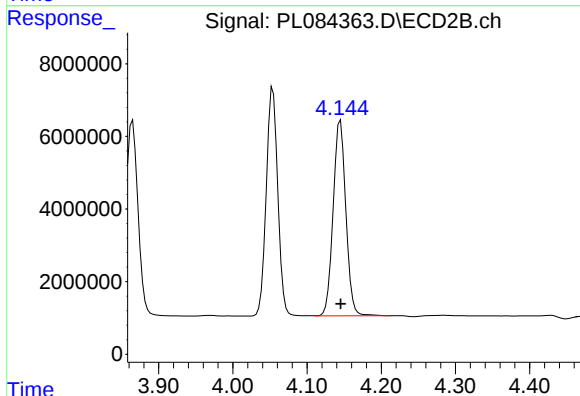
R.T.: 3.865 min  
Delta R.T.: 0.000 min  
Response: 63001072  
Conc: 53.46 ng/ml



#5 Aldrin

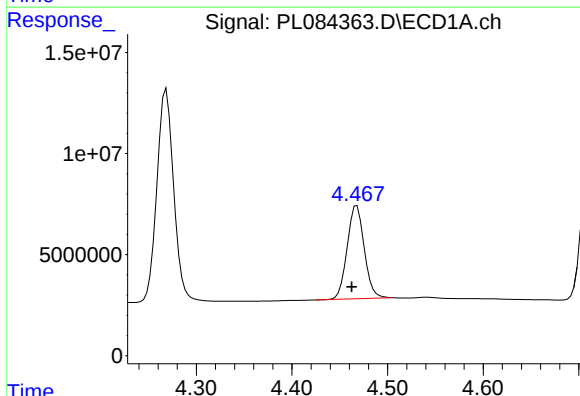
R.T.: 5.204 min  
Delta R.T.: 0.005 min  
Response: 130648145  
Conc: 45.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



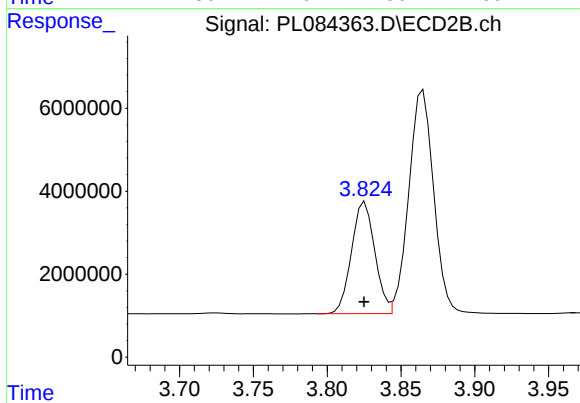
#5 Aldrin

R.T.: 4.145 min  
Delta R.T.: 0.000 min  
Response: 64237285  
Conc: 42.60 ng/ml



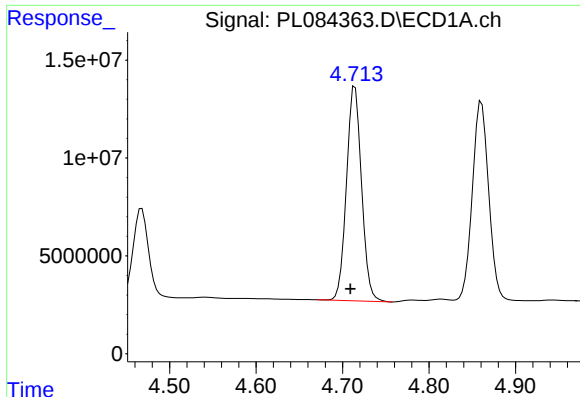
#6 beta-BHC

R.T.: 4.468 min  
Delta R.T.: 0.005 min  
Response: 57633104  
Conc: 48.03 ng/ml



#6 beta-BHC

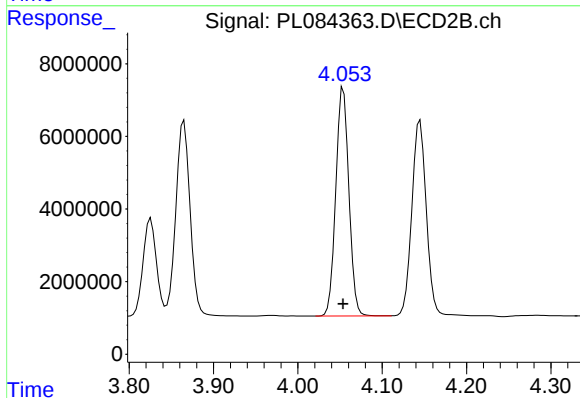
R.T.: 3.826 min  
Delta R.T.: 0.000 min  
Response: 29572642  
Conc: 44.80 ng/ml



#7 delta-BHC

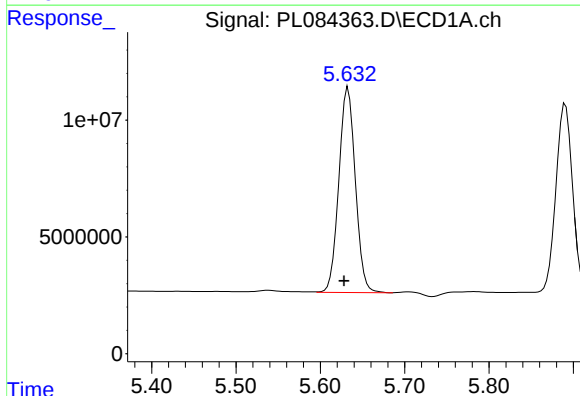
R.T.: 4.714 min  
Delta R.T.: 0.005 min  
Response: 132203261  
Conc: 49.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



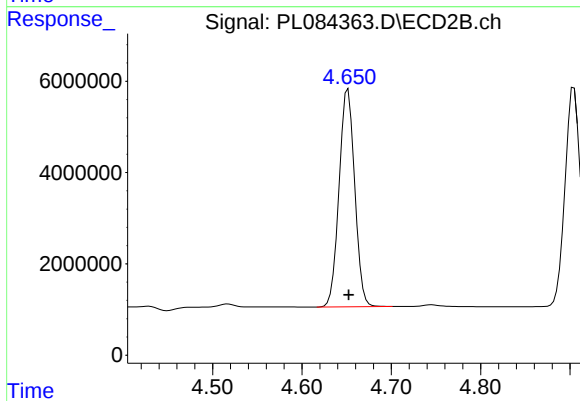
#7 delta-BHC

R.T.: 4.054 min  
Delta R.T.: 0.000 min  
Response: 67901056  
Conc: 44.89 ng/ml



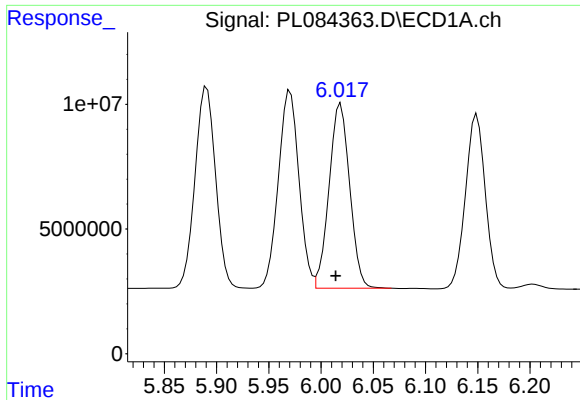
#8 Heptachlor epoxide

R.T.: 5.633 min  
Delta R.T.: 0.005 min  
Response: 119436851  
Conc: 44.74 ng/ml



#8 Heptachlor epoxide

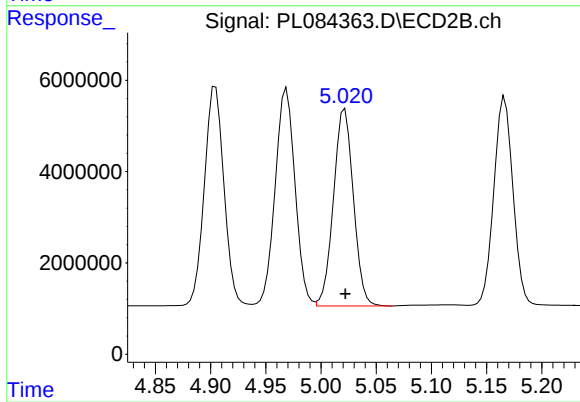
R.T.: 4.652 min  
Delta R.T.: 0.000 min  
Response: 57979578  
Conc: 45.15 ng/ml



#9 Endosulfan I

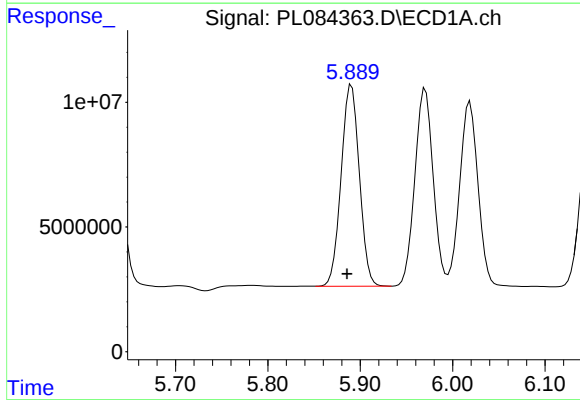
R.T.: 6.019 min  
Delta R.T.: 0.005 min  
Response: 101703430  
Conc: 42.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



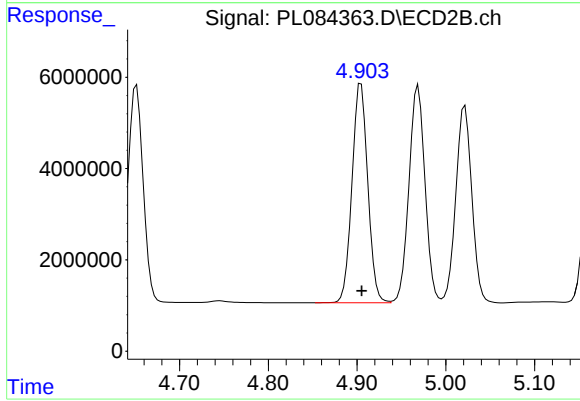
#9 Endosulfan I

R.T.: 5.022 min  
Delta R.T.: 0.000 min  
Response: 54174125  
Conc: 44.17 ng/ml



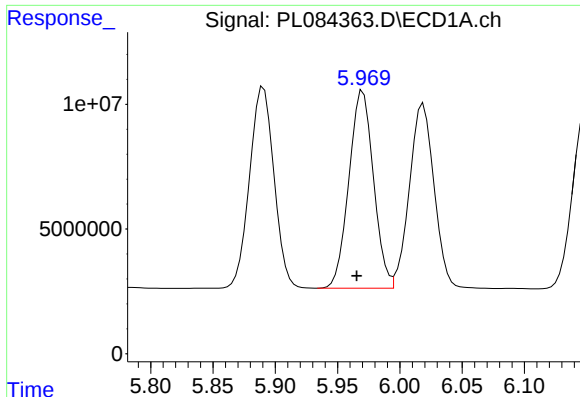
#10 gamma-Chlordane

R.T.: 5.891 min  
Delta R.T.: 0.005 min  
Response: 110861874  
Conc: 42.94 ng/ml



#10 gamma-Chlordane

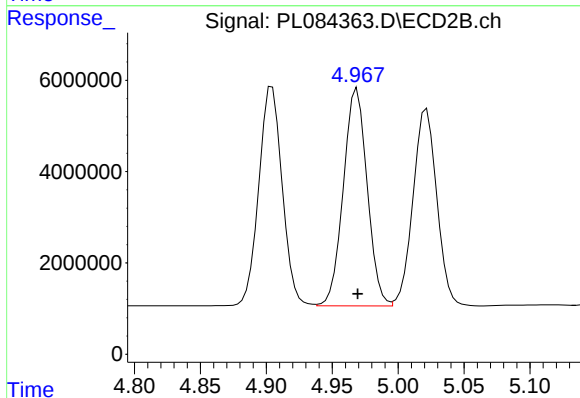
R.T.: 4.904 min  
Delta R.T.: 0.000 min  
Response: 59400146  
Conc: 44.59 ng/ml



#11 alpha-Chlordane

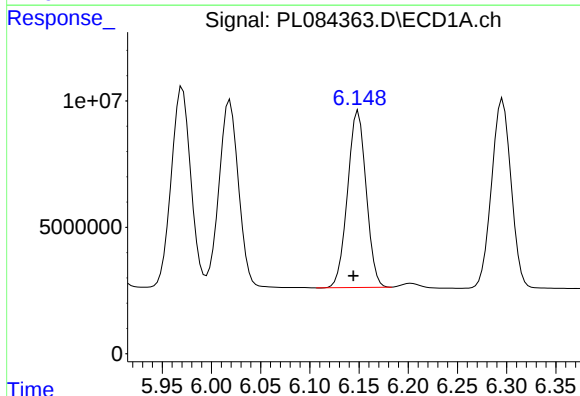
R.T.: 5.970 min  
Delta R.T.: 0.005 min  
Response: 109250653  
Conc: 42.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



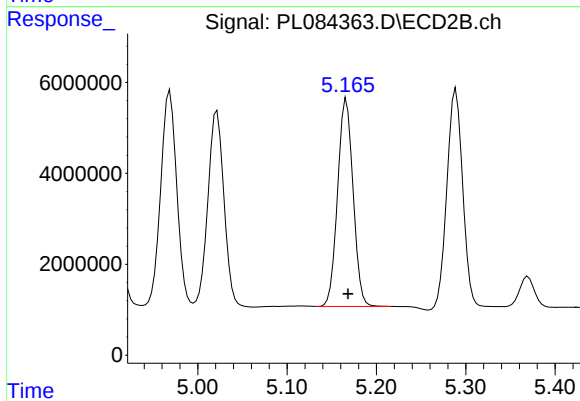
#11 alpha-Chlordane

R.T.: 4.969 min  
Delta R.T.: 0.000 min  
Response: 59854149  
Conc: 44.43 ng/ml



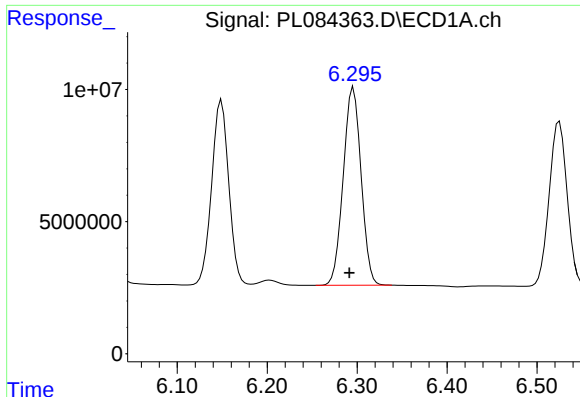
#12 4,4'-DDE

R.T.: 6.149 min  
Delta R.T.: 0.005 min  
Response: 91885019  
Conc: 45.67 ng/ml



#12 4,4'-DDE

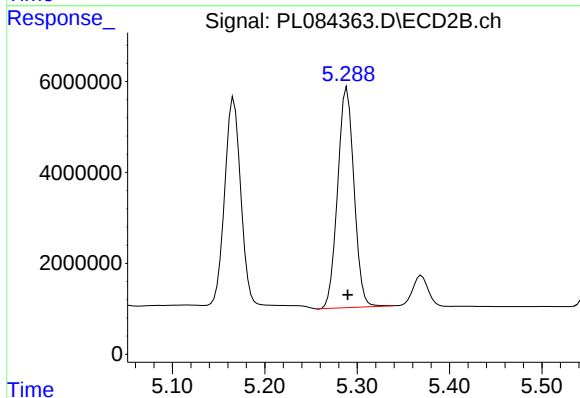
R.T.: 5.166 min  
Delta R.T.: -0.002 min  
Response: 54957313  
Conc: 44.74 ng/ml



#13 Dieldrin

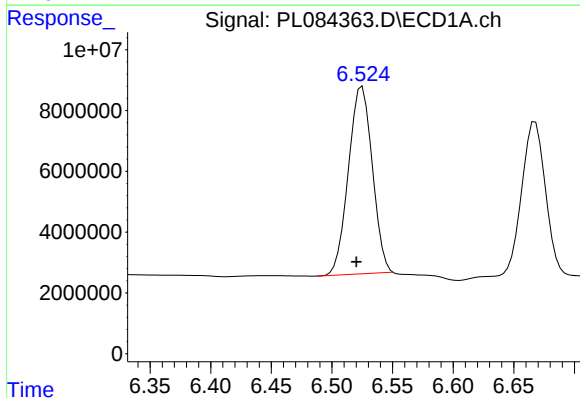
R.T.: 6.296 min  
Delta R.T.: 0.005 min  
Response: 103315838  
Conc: 43.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



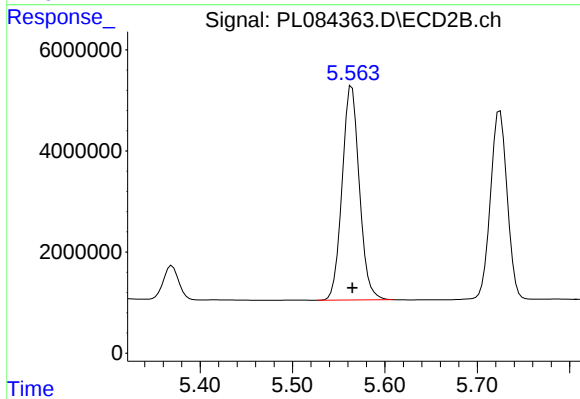
#13 Dieldrin

R.T.: 5.289 min  
Delta R.T.: 0.000 min  
Response: 59694958  
Conc: 45.84 ng/ml



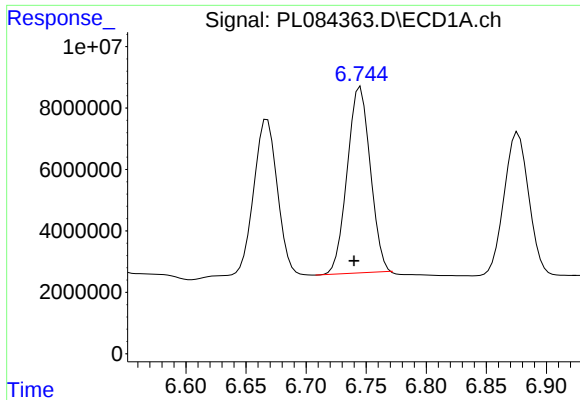
#14 Endrin

R.T.: 6.525 min  
Delta R.T.: 0.005 min  
Response: 84573061  
Conc: 44.41 ng/ml



#14 Endrin

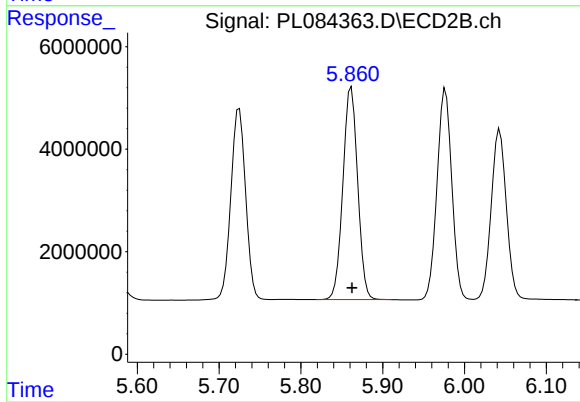
R.T.: 5.564 min  
Delta R.T.: 0.000 min  
Response: 54934675  
Conc: 49.98 ng/ml



#15 Endosulfan II

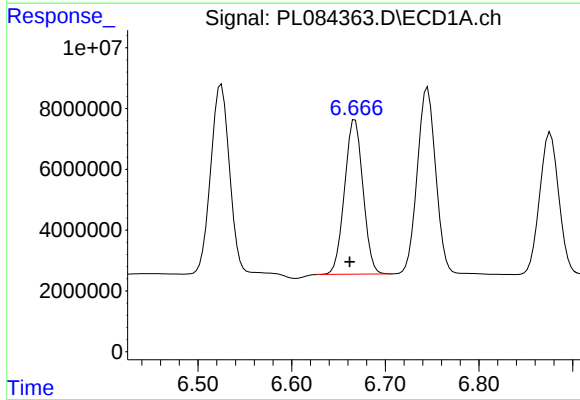
R.T.: 6.745 min  
Delta R.T.: 0.005 min  
Response: 81021254  
Conc: 43.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



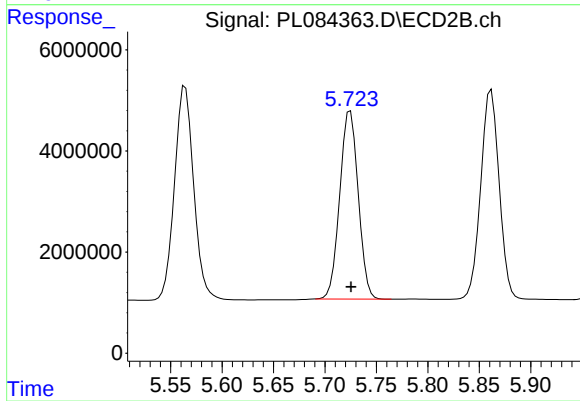
#15 Endosulfan II

R.T.: 5.862 min  
Delta R.T.: 0.000 min  
Response: 51776539  
Conc: 45.05 ng/ml



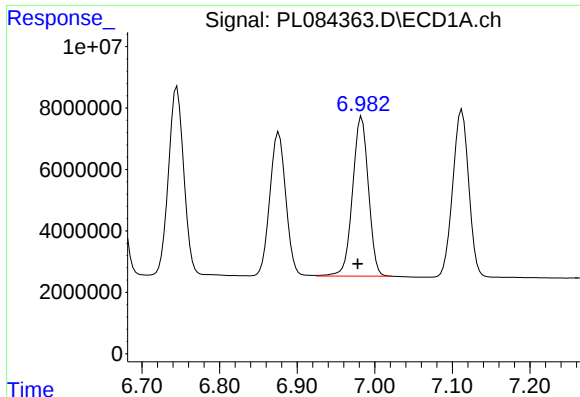
#16 4,4'-DDD

R.T.: 6.668 min  
Delta R.T.: 0.006 min  
Response: 69544384  
Conc: 47.36 ng/ml



#16 4,4'-DDD

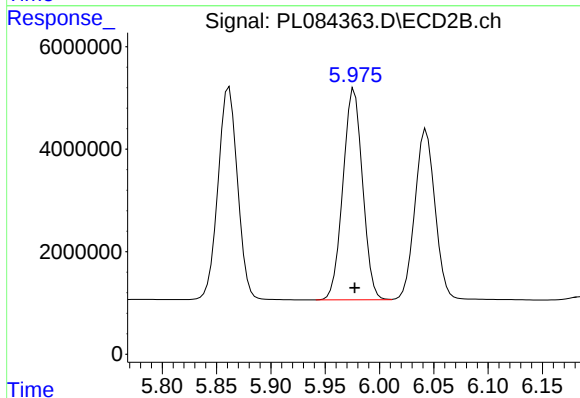
R.T.: 5.725 min  
Delta R.T.: 0.000 min  
Response: 46542981  
Conc: 48.52 ng/ml



#17 4,4'-DDT

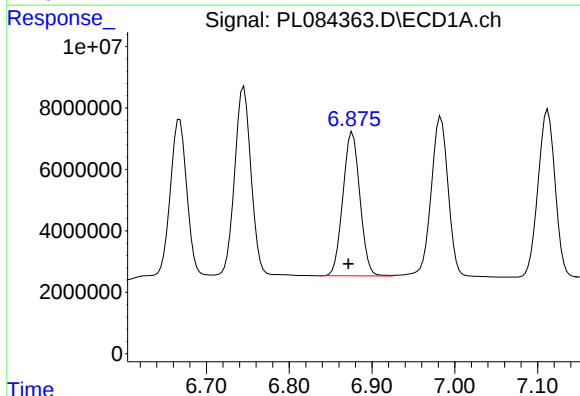
R.T.: 6.983 min  
Delta R.T.: 0.005 min  
Response: 73798874  
Conc: 46.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



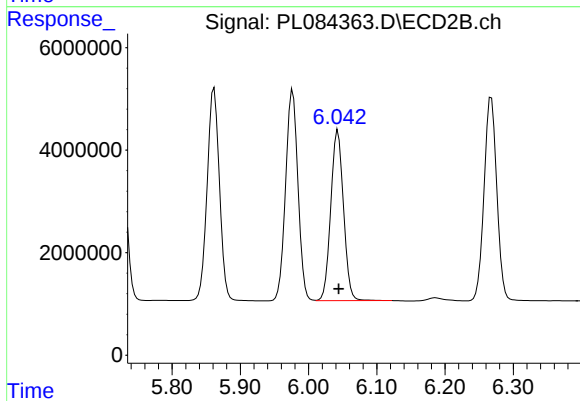
#17 4,4'-DDT

R.T.: 5.977 min  
Delta R.T.: 0.000 min  
Response: 51820394  
Conc: 56.90 ng/ml



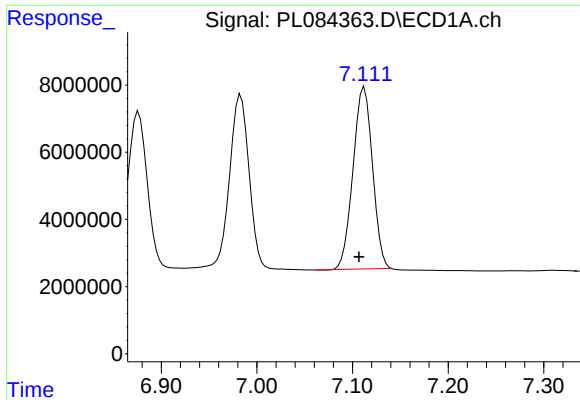
#18 Endrin aldehyde

R.T.: 6.876 min  
Delta R.T.: 0.005 min  
Response: 66850645  
Conc: 45.63 ng/ml



#18 Endrin aldehyde

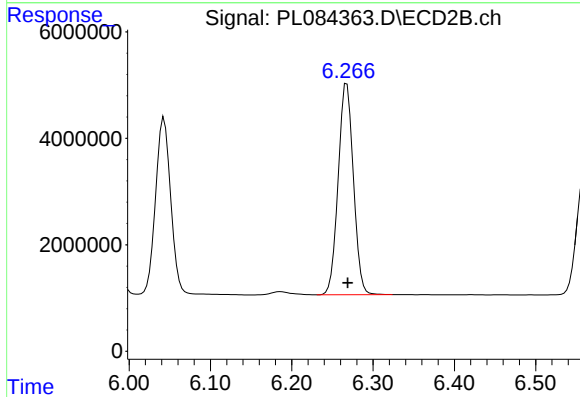
R.T.: 6.043 min  
Delta R.T.: -0.001 min  
Response: 43079875  
Conc: 47.92 ng/ml



#19 Endosulfan Sulfate

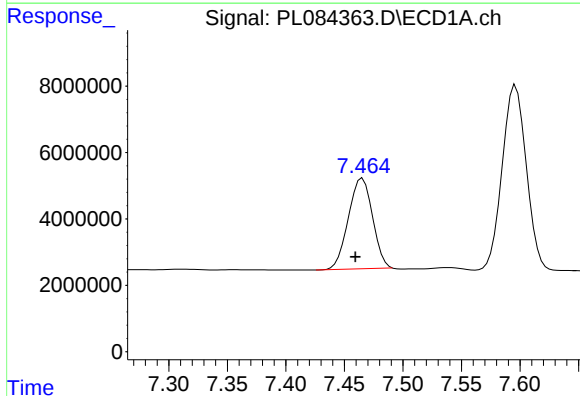
R.T.: 7.112 min  
Delta R.T.: 0.006 min  
Response: 76710708  
Conc: 44.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



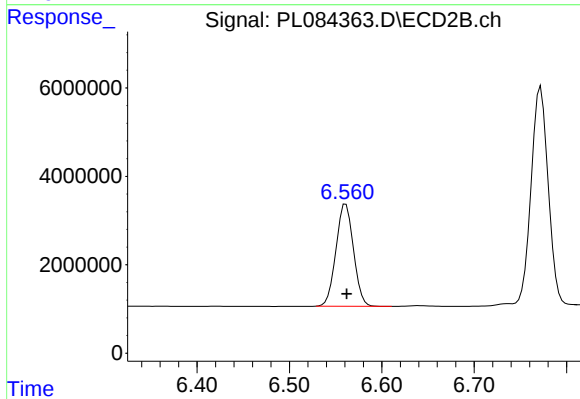
#19 Endosulfan Sulfate

R.T.: 6.268 min  
Delta R.T.: -0.001 min  
Response: 51538851  
Conc: 46.90 ng/ml



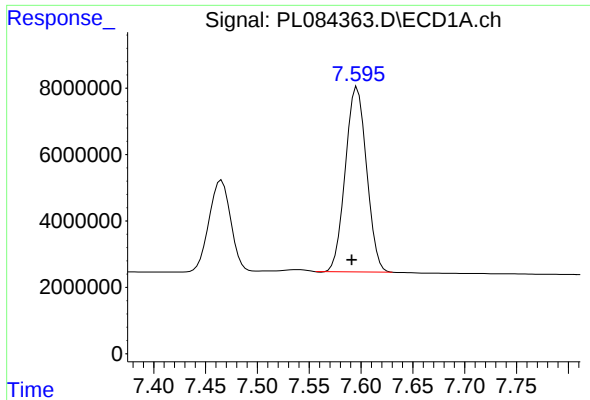
#20 Methoxychlor

R.T.: 7.465 min  
Delta R.T.: 0.006 min  
Response: 39222179  
Conc: 50.14 ng/ml



#20 Methoxychlor

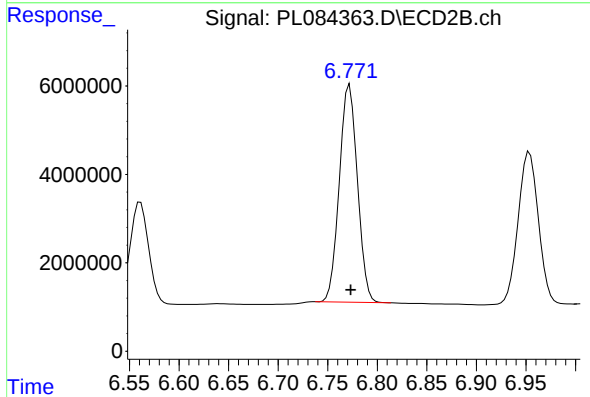
R.T.: 6.561 min  
Delta R.T.: -0.001 min  
Response: 30445740  
Conc: 63.53 ng/ml



#21 Endrin ketone

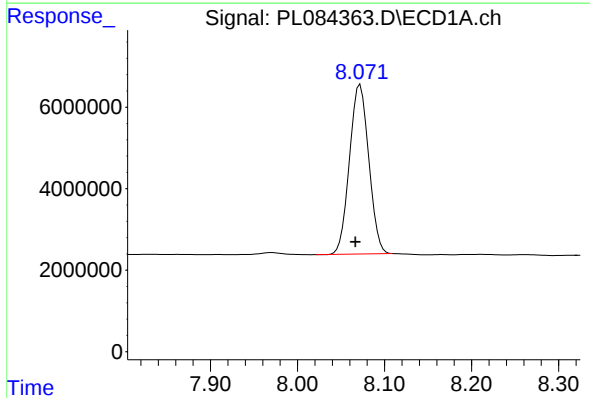
R.T.: 7.596 min  
Delta R.T.: 0.005 min  
Response: 79403554  
Conc: 45.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



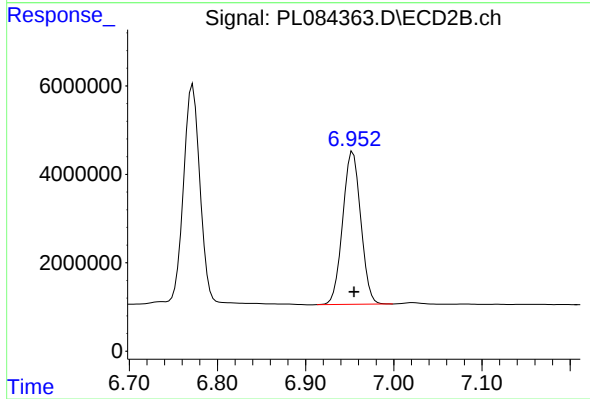
#21 Endrin ketone

R.T.: 6.772 min  
Delta R.T.: -0.001 min  
Response: 62581884  
Conc: 48.43 ng/ml



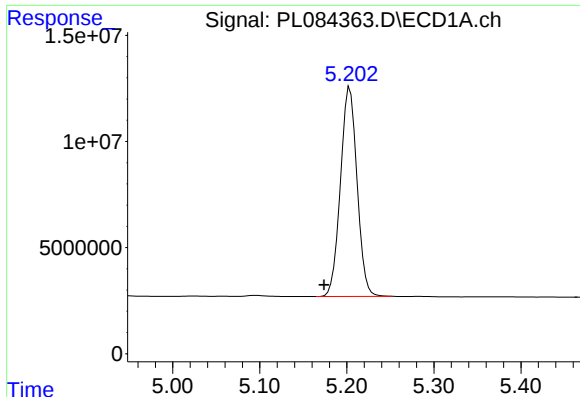
#22 Mirex

R.T.: 8.072 min  
Delta R.T.: 0.006 min  
Response: 64169582  
Conc: 44.84 ng/ml



#22 Mirex

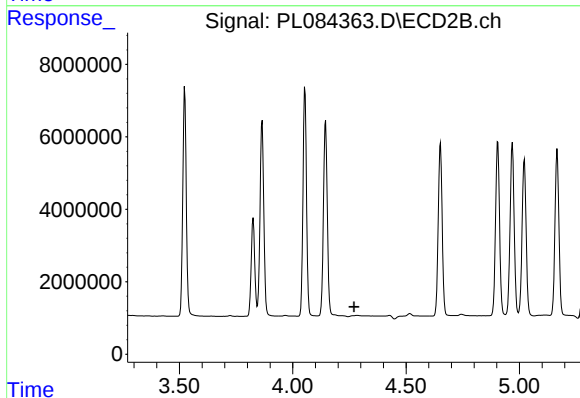
R.T.: 6.954 min  
Delta R.T.: -0.001 min  
Response: 49150412  
Conc: 48.16 ng/ml



#24 Chlordane-2

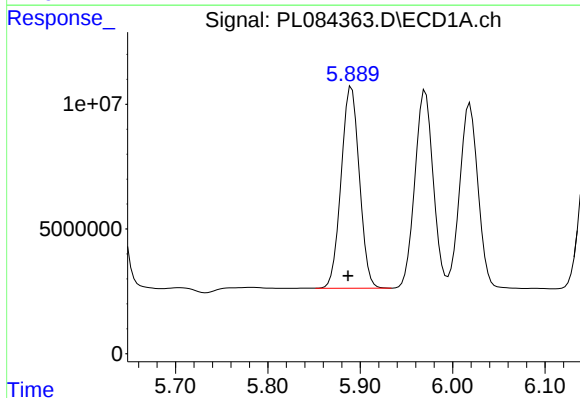
R.T.: 5.204 min  
Delta R.T.: 0.030 min  
Response: 130648145  
Conc: 163.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



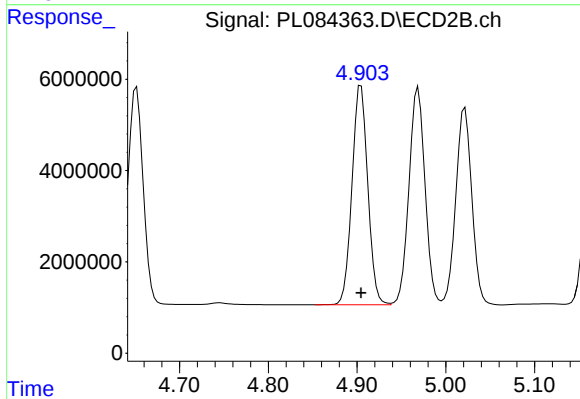
#24 Chlordane-2

R.T.: 4.284 min  
Delta R.T.: 0.013 min  
Response: -55951  
Conc: N.D.



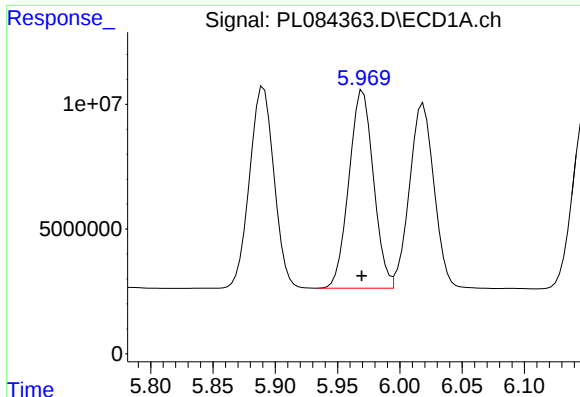
#25 Chlordane-3

R.T.: 5.891 min  
Delta R.T.: 0.004 min  
Response: 110861874  
Conc: 31.58 ng/ml



#25 Chlordane-3

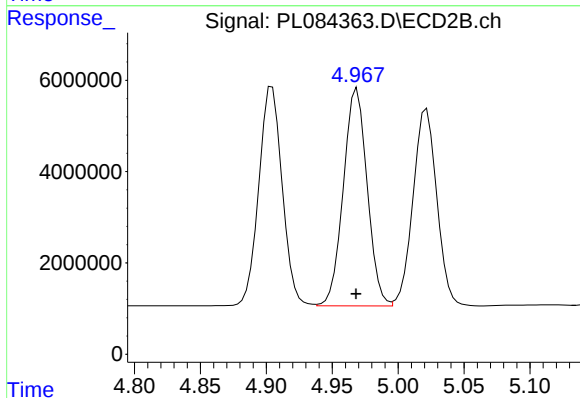
R.T.: 4.904 min  
Delta R.T.: 0.000 min  
Response: 59400146  
Conc: 43.32 ng/ml



#26 Chlordane-4

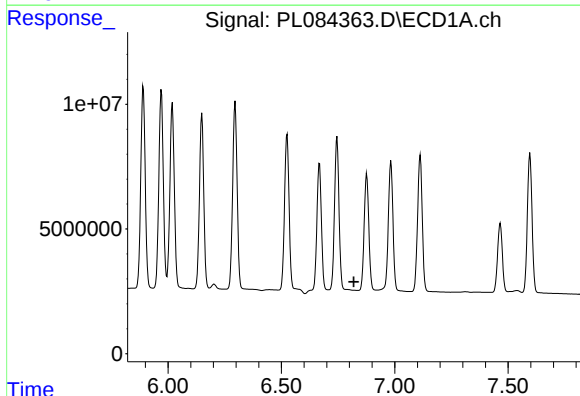
R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: 109250653  
Conc: 26.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



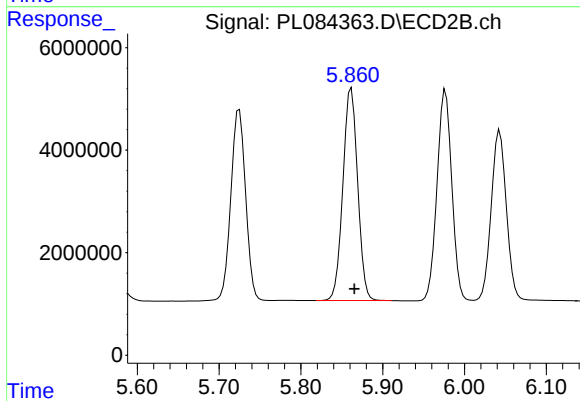
#26 Chlordane-4

R.T.: 4.969 min  
Delta R.T.: 0.000 min  
Response: 59854149  
Conc: 41.78 ng/ml



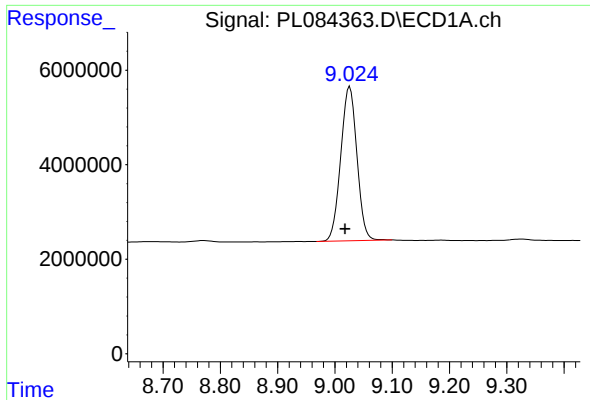
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.819 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

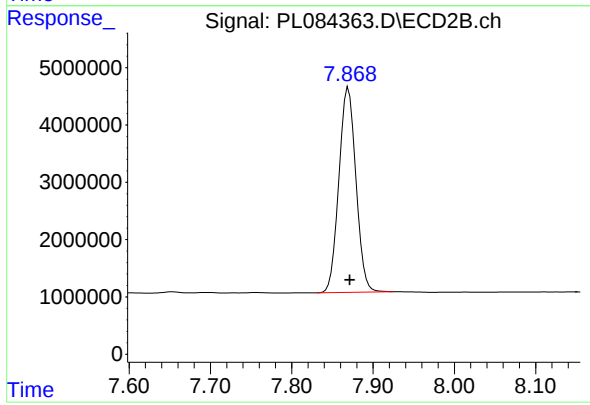
R.T.: 5.862 min  
Delta R.T.: -0.004 min  
Response: 51776539  
Conc: 112.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: 0.008 min  
Response: 64104974  
Conc: 49.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.870 min  
Delta R.T.: -0.002 min  
Response: 52001841  
Conc: 46.80 ng/ml