

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050819\  
 Data File : PL048260.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 May 2019 16:12  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 09 01:00:46 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:36:55 2019  
 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... | 3.327 | 3.940  | 500.1E6 | 132.5E6  | 51.630   | 53.207     |
| 28)                         | SA Decachlor... | 7.995 | 8.976  | 451.9E6 | 122.2E6  | 44.951   | 46.054     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.755 | 4.328  | 828.7E6 | 198.6E6  | 53.575   | 56.547     |
| 3)                          | MA gamma-BHC... | 4.031 | 4.612  | 769.0E6 | 180.1E6  | 54.123   | 55.145     |
| 4)                          | MA Heptachlor   | 4.317 | 5.115  | 760.8E6 | 179.0E6  | 51.714   | 51.704     |
| 5)                          | MB Aldrin       | 4.555 | 5.418  | 714.3E6 | 167.0E6  | 52.132   | 53.926     |
| 6)                          | B beta-BHC      | 4.285 | 4.786  | 306.1E6 | 78078260 | 51.863   | 50.178     |
| 7)                          | B delta-BHC     | 4.479 | 5.000  | 751.6E6 | 162.7E6  | 53.231   | 57.527     |
| 8)                          | B Heptachlor... | 4.991 | 5.804  | 641.0E6 | 181.2E6  | 49.751   | 62.120     |
| 9)                          | A Endosulfan I  | 5.323 | 6.159  | 604.8E6 | 141.4E6  | 50.279   | 50.024     |
| 10)                         | B gamma-Chl...  | 5.214 | 6.038  | 693.4E6 | 157.4E6  | 51.933   | 51.112     |
| 11)                         | B alpha-Chl...  | 5.270 | 6.110  | 664.3E6 | 153.1E6  | 50.811   | 49.887     |
| 12)                         | B 4,4'-DDE      | 5.438 | 6.270  | 683.4E6 | 142.7E6  | 53.871   | 51.702     |
| 13)                         | MA Dieldrin     | 5.561 | 6.415  | 822.3E6 | 151.2E6  | 63.154   | 51.531     |
| 14)                         | MA Endrin       | 5.814 | 6.632  | 626.9E6 | 135.6E6  | 51.494   | 51.995     |
| 15)                         | B Endosulfa...  | 6.088 | 6.844  | 561.5E6 | 131.0E6  | 48.654   | 48.579     |
| 16)                         | A 4,4'-DDD      | 5.949 | 6.759  | 505.2E6 | 119.5E6  | 51.899   | 53.260     |
| 17)                         | MA 4,4'-DDT     | 6.183 | 7.057  | 490.4E6 | 111.6E6  | 48.814   | 47.578     |
| 18)                         | B Endrin al...  | 6.255 | 6.967  | 462.8E6 | 110.4E6  | 47.625   | 47.128     |
| 19)                         | B Endosulfa...  | 6.467 | 7.190  | 510.6E6 | 134.2E6  | 47.575   | 51.869     |
| 20)                         | A Methoxychlor  | 6.728 | 7.516  | 251.7E6 | 64227530 | 46.226   | 47.047     |
| 21)                         | B Endrin ke...  | 6.948 | 7.659  | 558.8E6 | 129.0E6  | 47.944   | 49.386     |
| 22)                         | Mirex           | 7.123 | 8.109  | 376.4E6 | 94234191 | 41.993   | 44.685     |
| 24)                         | Chlordane-2     | 4.657 | 5.418f | 137.6E6 | 167.0E6  | 265.901  | 1291.093 # |
| 25)                         | Chlordane-3     | 5.214 | 6.038  | 693.4E6 | 157.4E6  | 440.398  | 359.068    |
| 26)                         | Chlordane-4     | 5.270 | 6.110  | 664.3E6 | 153.1E6  | 457.554  | 291.780 #  |
| 27)                         | Chlordane-5     | 6.088 | 0.000  | 561.5E6 | 0        | 1195.803 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

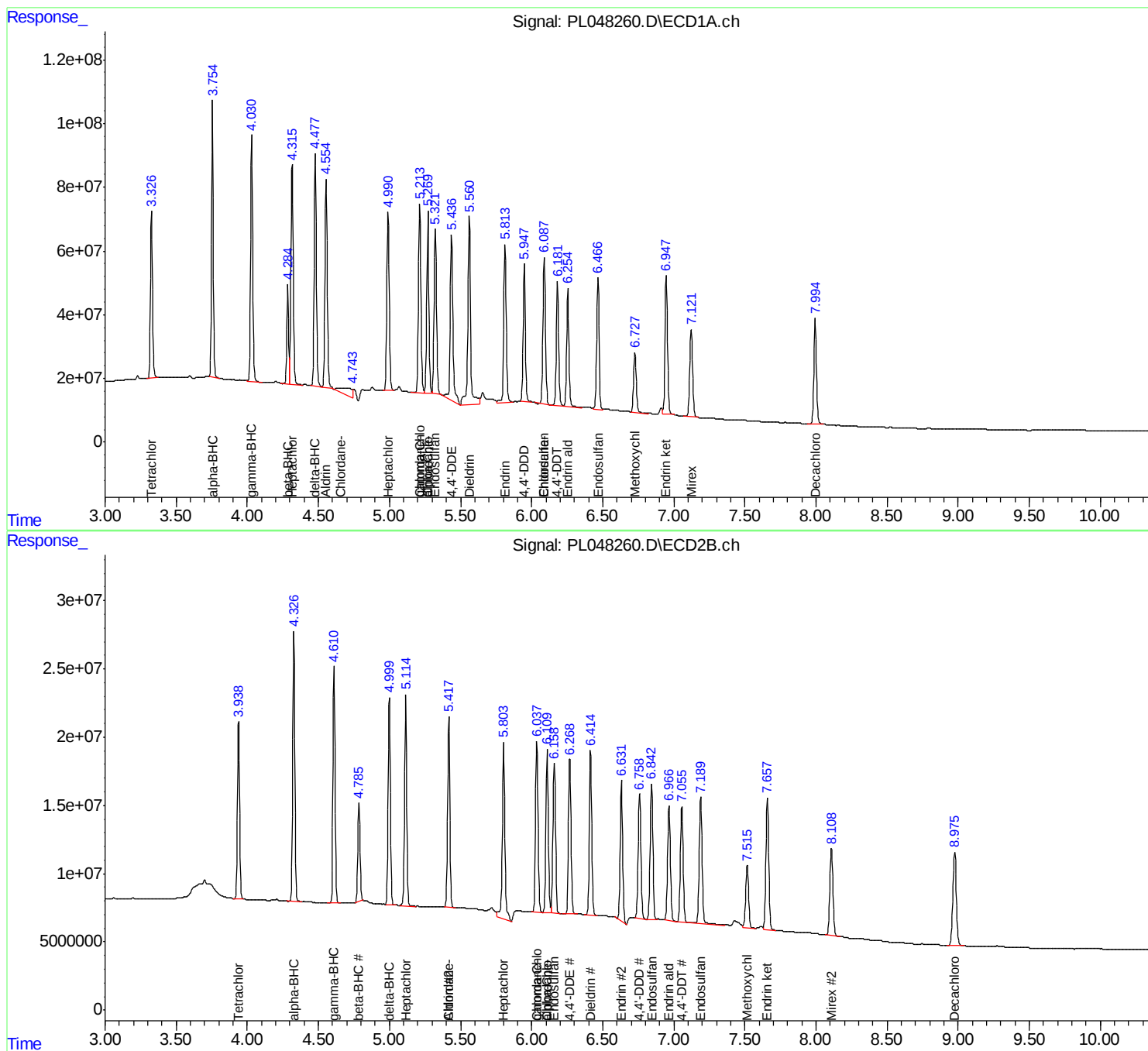
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

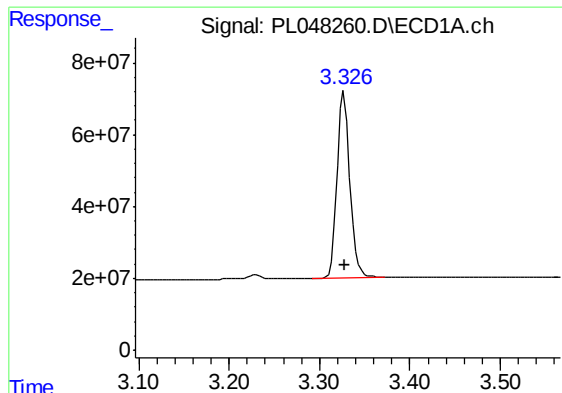
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050819\  
Data File : PL048260.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 May 2019 16:12  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 09 01:00:46 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
Quant Title : GC Extractables  
QLast Update : Thu May 02 09:36:55 2019  
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

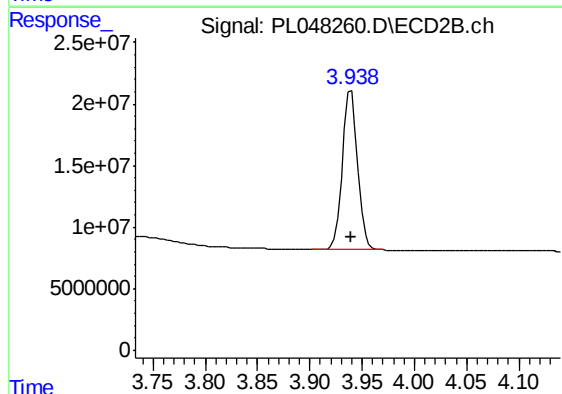




#1 Tetrachloro-m-xylene

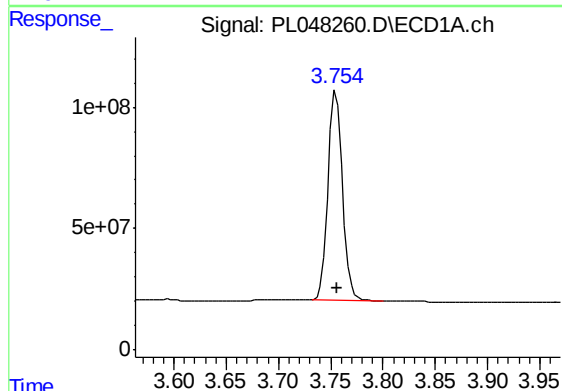
R.T.: 3.327 min  
Delta R.T.: 0.000 min  
Response: 500132421  
Conc: 51.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



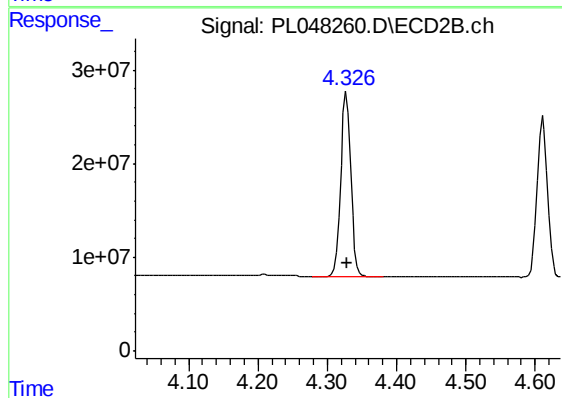
#1 Tetrachloro-m-xylene

R.T.: 3.940 min  
Delta R.T.: 0.000 min  
Response: 132532080  
Conc: 53.21 ng/ml



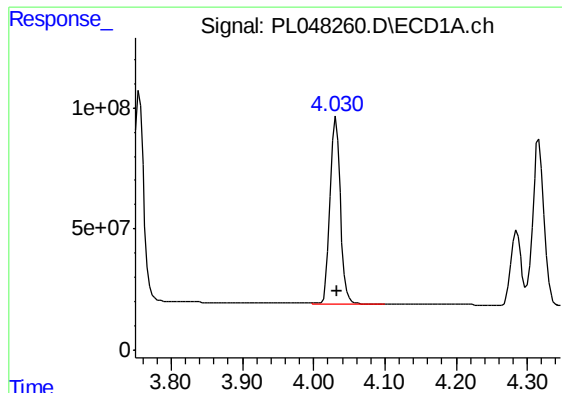
#2 alpha-BHC

R.T.: 3.755 min  
Delta R.T.: 0.000 min  
Response: 828677803  
Conc: 53.58 ng/ml



#2 alpha-BHC

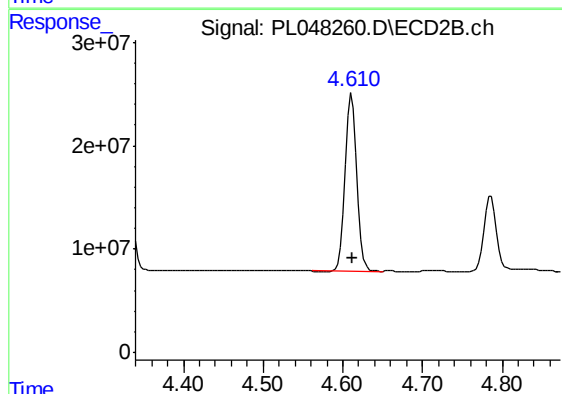
R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 198592600  
Conc: 56.55 ng/ml



#3 gamma-BHC (Lindane)

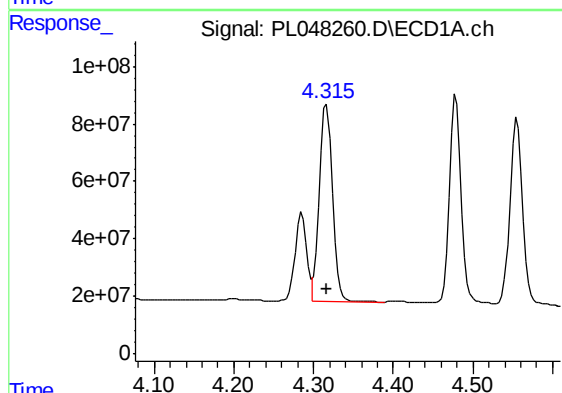
R.T.: 4.031 min  
Delta R.T.: 0.000 min  
Response: 769037088  
Conc: 54.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



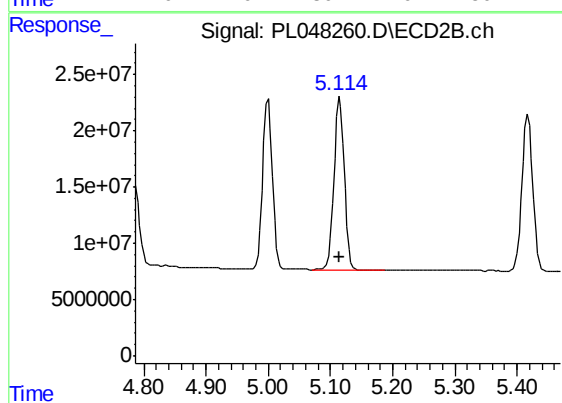
#3 gamma-BHC (Lindane)

R.T.: 4.612 min  
Delta R.T.: 0.000 min  
Response: 180112028  
Conc: 55.14 ng/ml



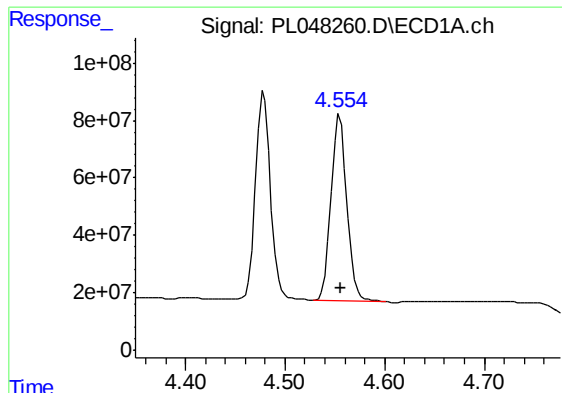
#4 Heptachlor

R.T.: 4.317 min  
Delta R.T.: 0.000 min  
Response: 760821343  
Conc: 51.71 ng/ml



#4 Heptachlor

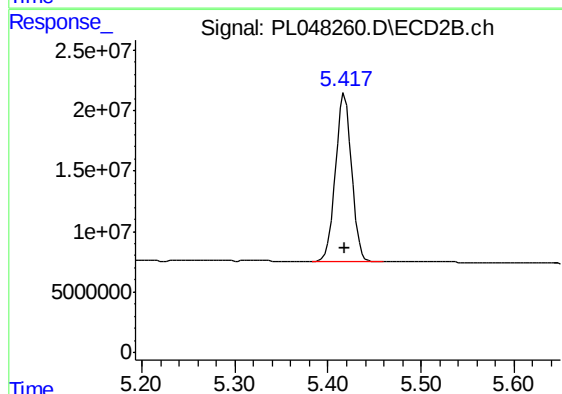
R.T.: 5.115 min  
Delta R.T.: 0.000 min  
Response: 178989236  
Conc: 51.70 ng/ml



#5 Aldrin

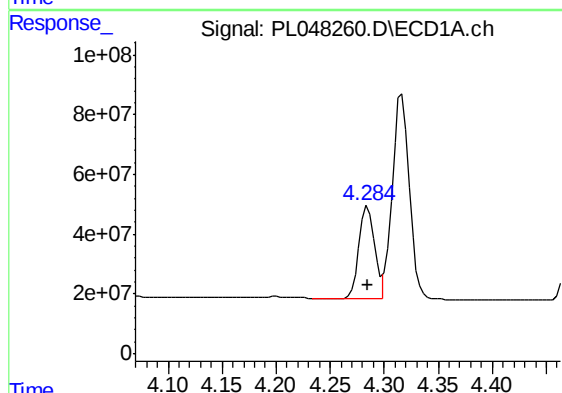
R.T.: 4.555 min  
Delta R.T.: 0.000 min  
Response: 714288250  
Conc: 52.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



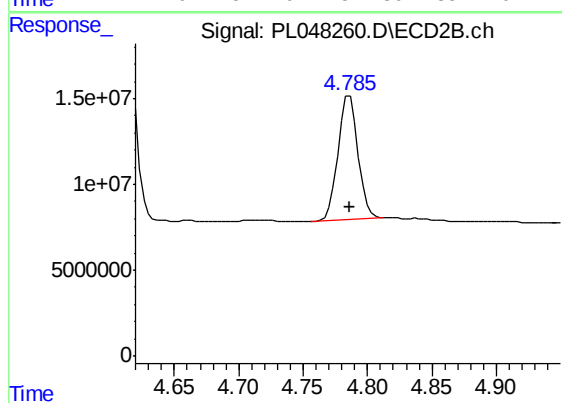
#5 Aldrin

R.T.: 5.418 min  
Delta R.T.: 0.000 min  
Response: 166988330  
Conc: 53.93 ng/ml



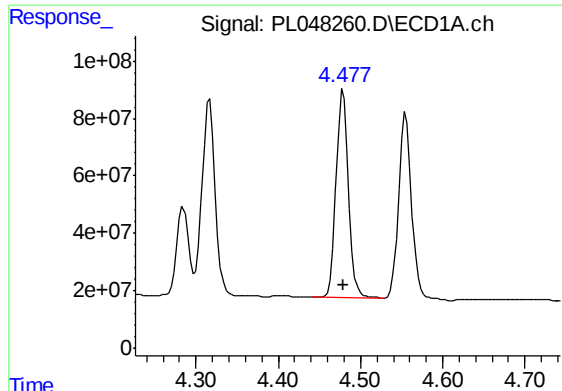
#6 beta-BHC

R.T.: 4.285 min  
Delta R.T.: 0.000 min  
Response: 306071395  
Conc: 51.86 ng/ml



#6 beta-BHC

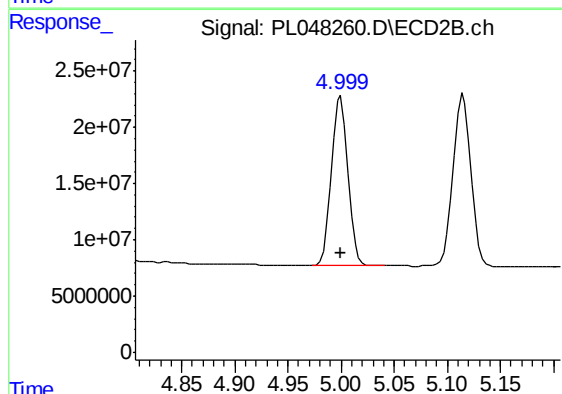
R.T.: 4.786 min  
Delta R.T.: 0.000 min  
Response: 78078260  
Conc: 50.18 ng/ml



#7 delta-BHC

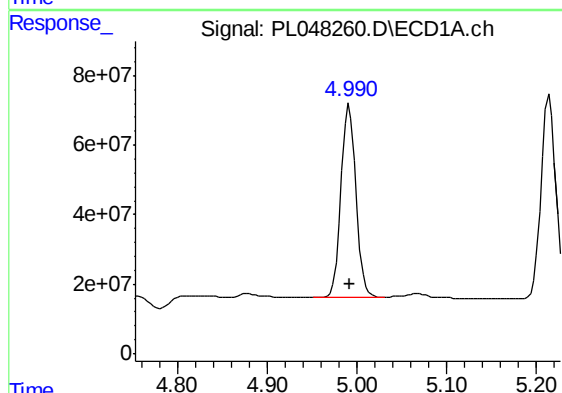
R.T.: 4.479 min  
Delta R.T.: 0.000 min  
Response: 751560956  
Conc: 53.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



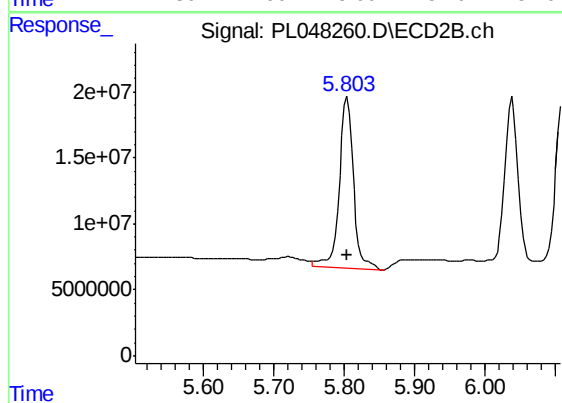
#7 delta-BHC

R.T.: 5.000 min  
Delta R.T.: 0.000 min  
Response: 162679568  
Conc: 57.53 ng/ml



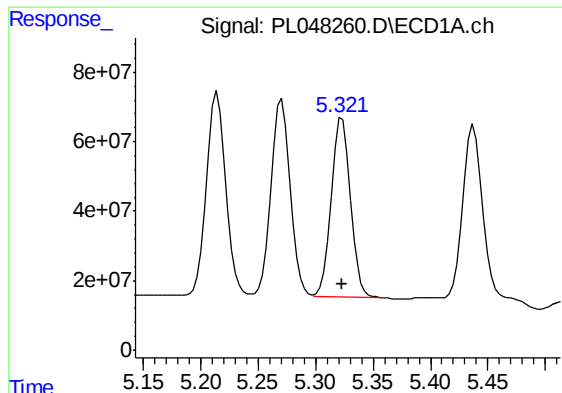
#8 Heptachlor epoxide

R.T.: 4.991 min  
Delta R.T.: 0.000 min  
Response: 641020351  
Conc: 49.75 ng/ml



#8 Heptachlor epoxide

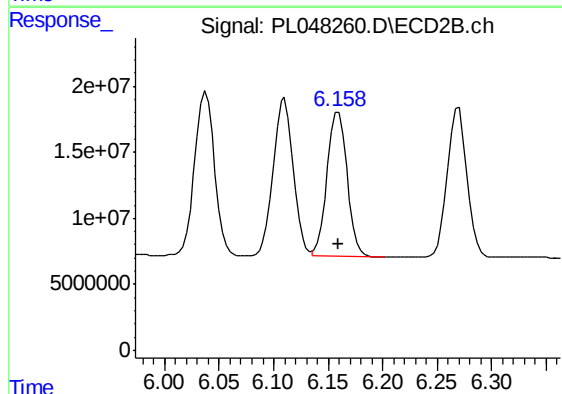
R.T.: 5.804 min  
Delta R.T.: 0.000 min  
Response: 181185755  
Conc: 62.12 ng/ml



#9 Endosulfan I

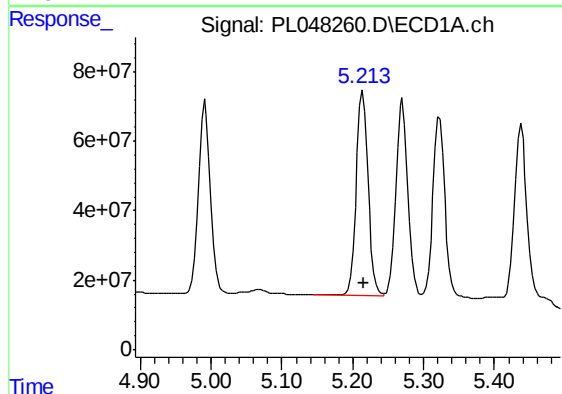
R.T.: 5.323 min  
Delta R.T.: 0.000 min  
Response: 604847449  
Conc: 50.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



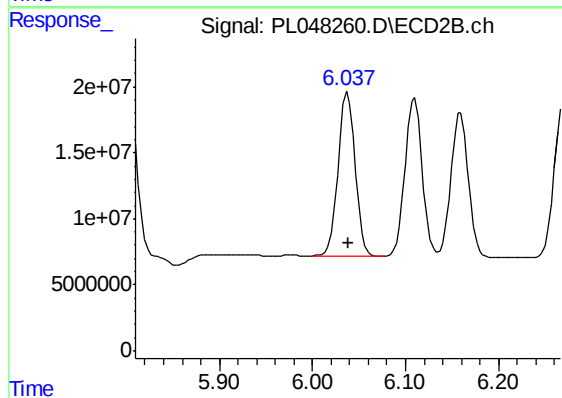
#9 Endosulfan I

R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 141442771  
Conc: 50.02 ng/ml



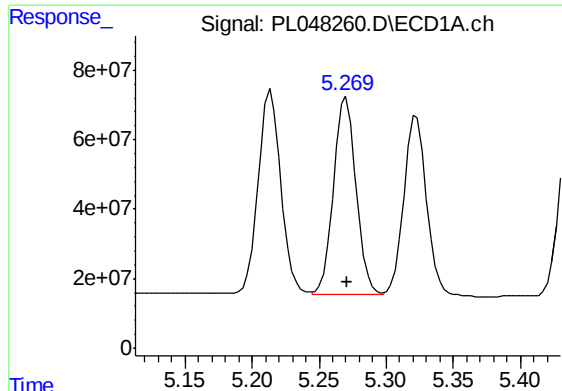
#10 gamma-Chlordane

R.T.: 5.214 min  
Delta R.T.: 0.000 min  
Response: 693432175  
Conc: 51.93 ng/ml



#10 gamma-Chlordane

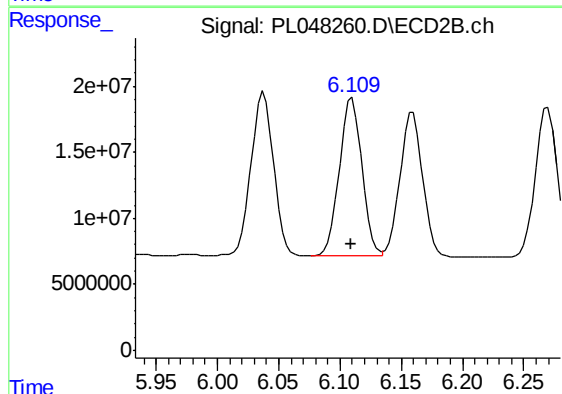
R.T.: 6.038 min  
Delta R.T.: 0.000 min  
Response: 157354759  
Conc: 51.11 ng/ml



#11 alpha-Chlordane

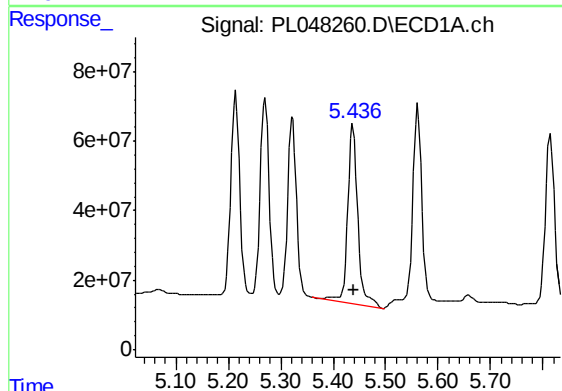
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 664287177  
Conc: 50.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



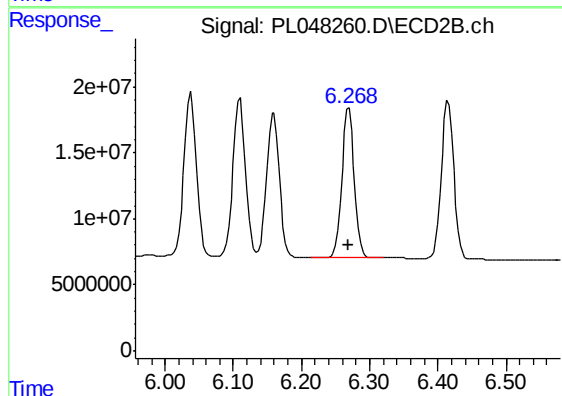
#11 alpha-Chlordane

R.T.: 6.110 min  
Delta R.T.: 0.000 min  
Response: 153067752  
Conc: 49.89 ng/ml



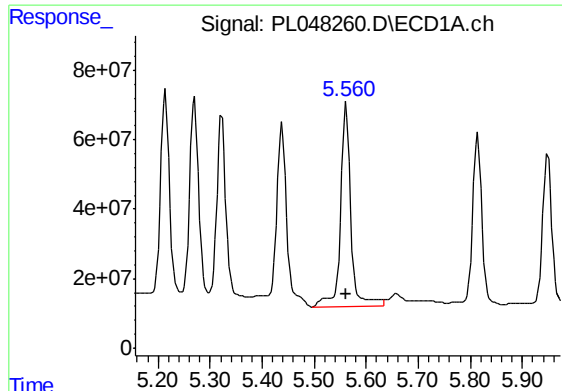
#12 4,4'-DDE

R.T.: 5.438 min  
Delta R.T.: 0.000 min  
Response: 683373526  
Conc: 53.87 ng/ml



#12 4,4'-DDE

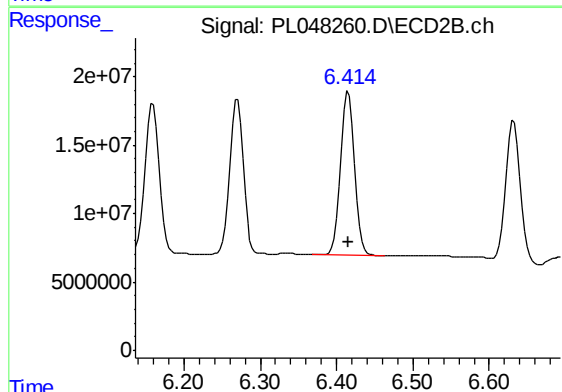
R.T.: 6.270 min  
Delta R.T.: 0.000 min  
Response: 142743656  
Conc: 51.70 ng/ml



#13 Dieldrin

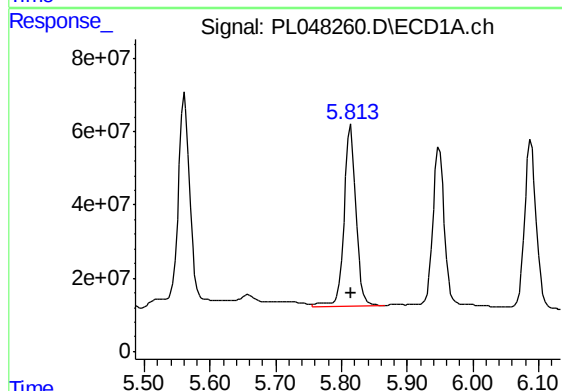
R.T.: 5.561 min  
Delta R.T.: 0.000 min  
Response: 822313593  
Conc: 63.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



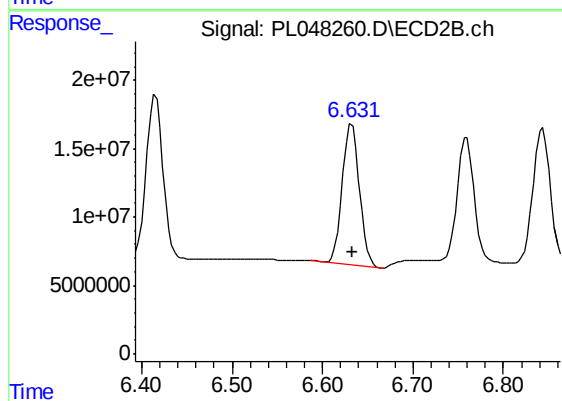
#13 Dieldrin

R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 151174290  
Conc: 51.53 ng/ml



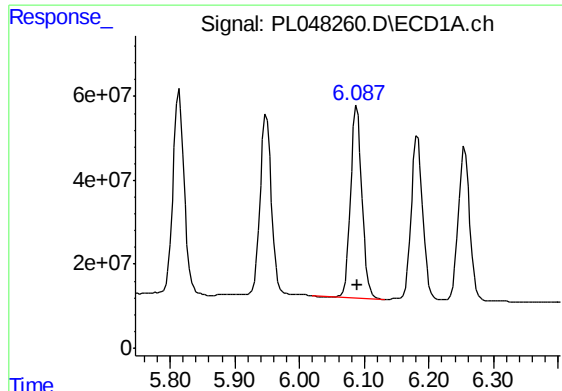
#14 Endrin

R.T.: 5.814 min  
Delta R.T.: 0.000 min  
Response: 626887860  
Conc: 51.49 ng/ml



#14 Endrin

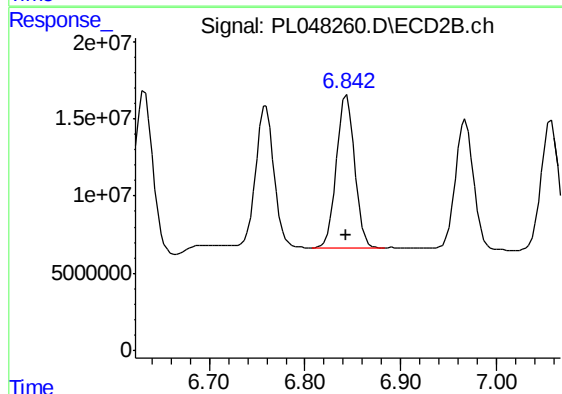
R.T.: 6.632 min  
Delta R.T.: 0.000 min  
Response: 135573213  
Conc: 52.00 ng/ml



#15 Endosulfan II

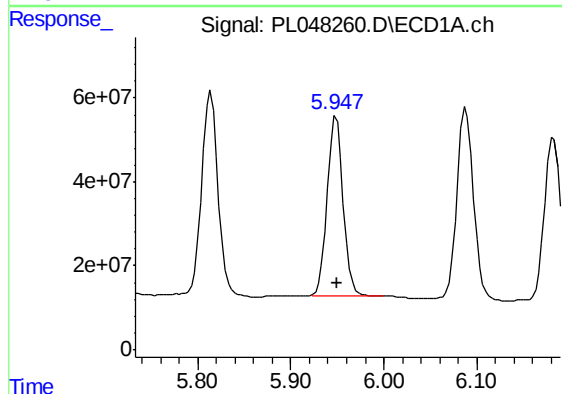
R.T.: 6.088 min  
Delta R.T.: 0.000 min  
Response: 561496813  
Conc: 48.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



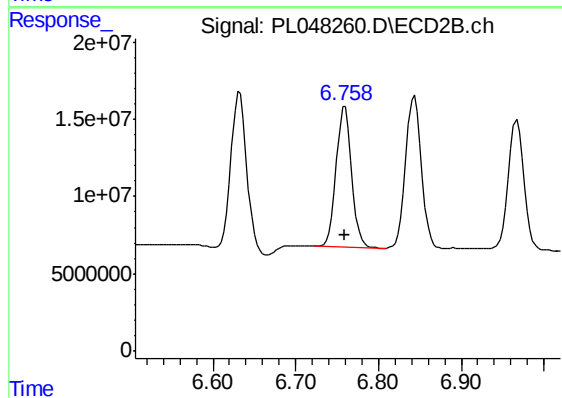
#15 Endosulfan II

R.T.: 6.844 min  
Delta R.T.: 0.000 min  
Response: 130998365  
Conc: 48.58 ng/ml



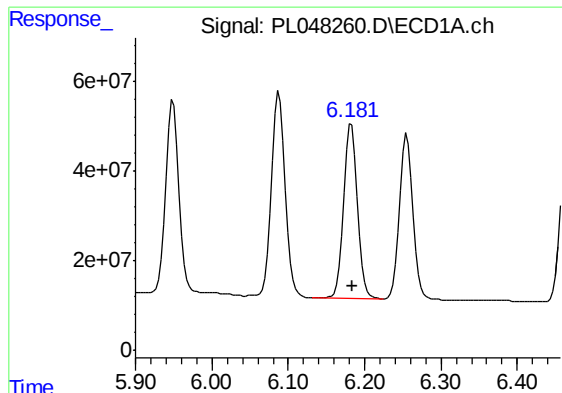
#16 4,4'-DDD

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 505192228  
Conc: 51.90 ng/ml



#16 4,4'-DDD

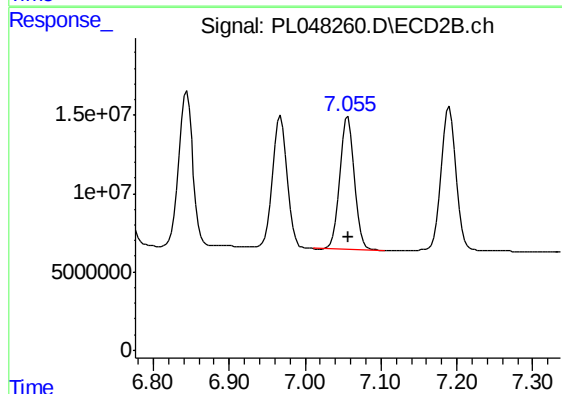
R.T.: 6.759 min  
Delta R.T.: 0.000 min  
Response: 119517328  
Conc: 53.26 ng/ml



#17 4,4'-DDT

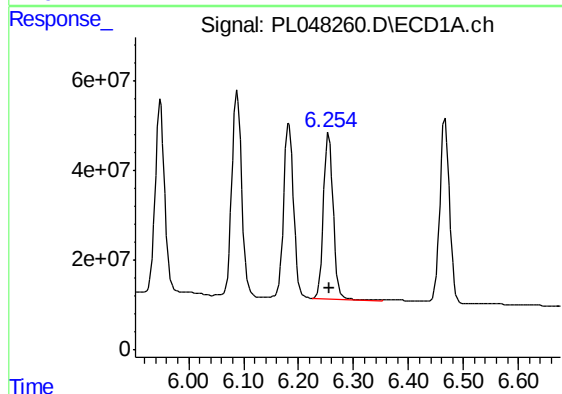
R.T.: 6.183 min  
Delta R.T.: -0.001 min  
Response: 490412299  
Conc: 48.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



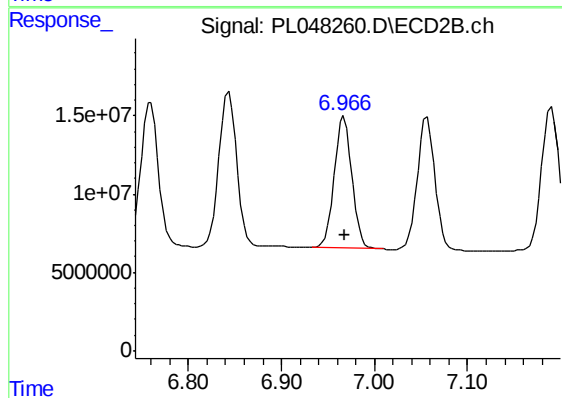
#17 4,4'-DDT

R.T.: 7.057 min  
Delta R.T.: 0.000 min  
Response: 111647742  
Conc: 47.58 ng/ml



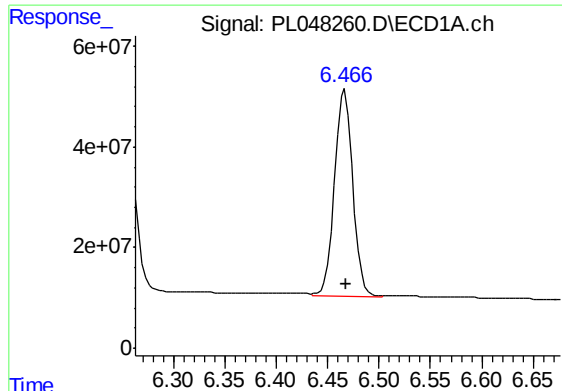
#18 Endrin aldehyde

R.T.: 6.255 min  
Delta R.T.: -0.001 min  
Response: 462828966  
Conc: 47.62 ng/ml



#18 Endrin aldehyde

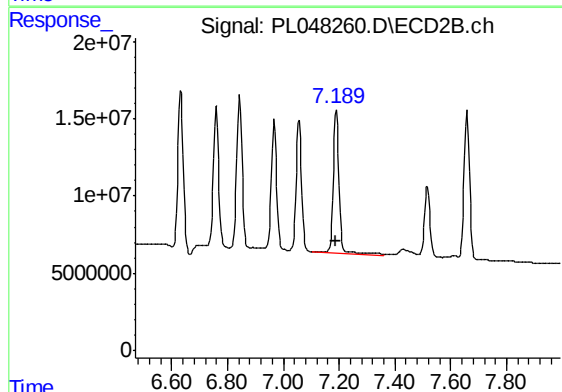
R.T.: 6.967 min  
Delta R.T.: 0.000 min  
Response: 110442129  
Conc: 47.13 ng/ml



#19 Endosulfan Sulfate

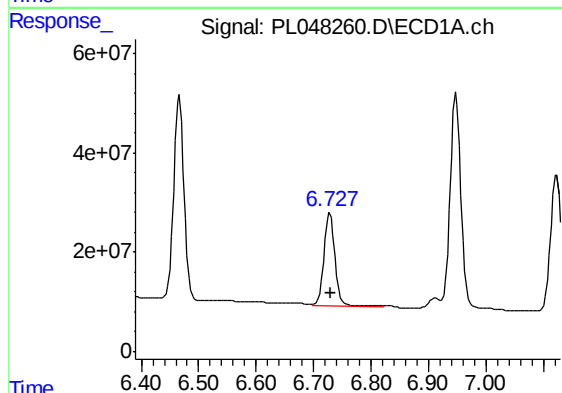
R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 510600710  
Conc: 47.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



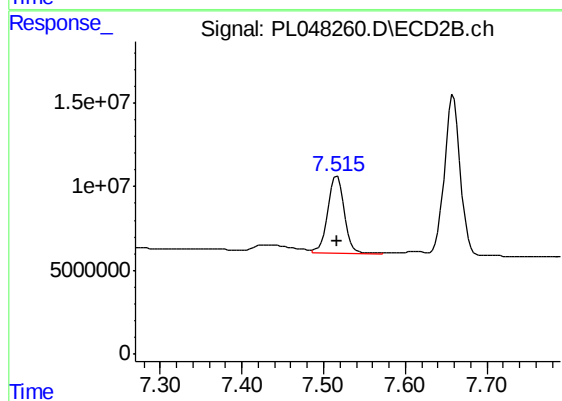
#19 Endosulfan Sulfate

R.T.: 7.190 min  
Delta R.T.: 0.000 min  
Response: 134248684  
Conc: 51.87 ng/ml



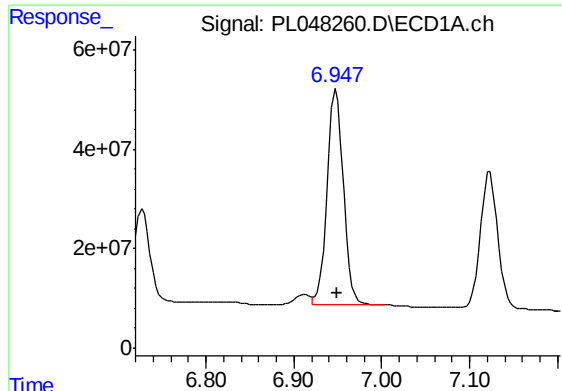
#20 Methoxychlor

R.T.: 6.728 min  
Delta R.T.: 0.000 min  
Response: 251686700  
Conc: 46.23 ng/ml



#20 Methoxychlor

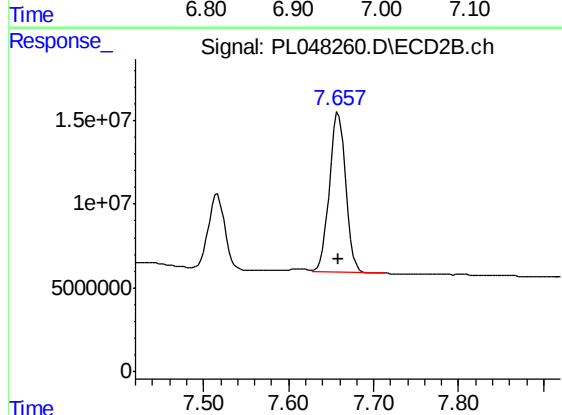
R.T.: 7.516 min  
Delta R.T.: 0.000 min  
Response: 64227530  
Conc: 47.05 ng/ml



#21 Endrin ketone

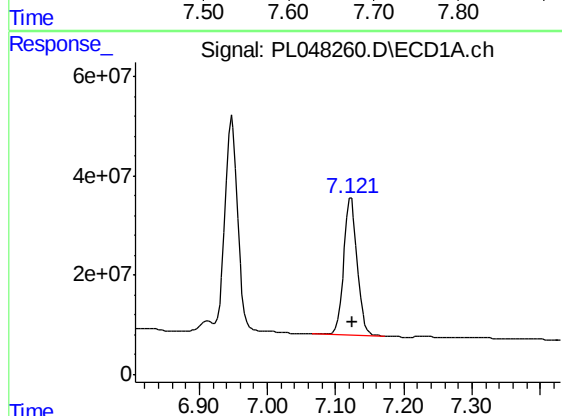
R.T.: 6.948 min  
Delta R.T.: -0.002 min  
Response: 558788054  
Conc: 47.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



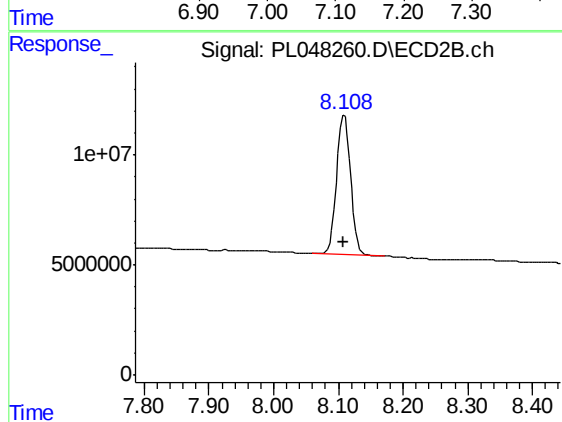
#21 Endrin ketone

R.T.: 7.659 min  
Delta R.T.: 0.000 min  
Response: 129035150  
Conc: 49.39 ng/ml



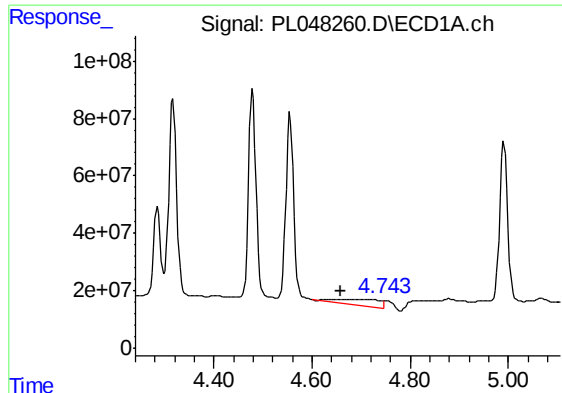
#22 Mirex

R.T.: 7.123 min  
Delta R.T.: -0.001 min  
Response: 376421083  
Conc: 41.99 ng/ml



#22 Mirex

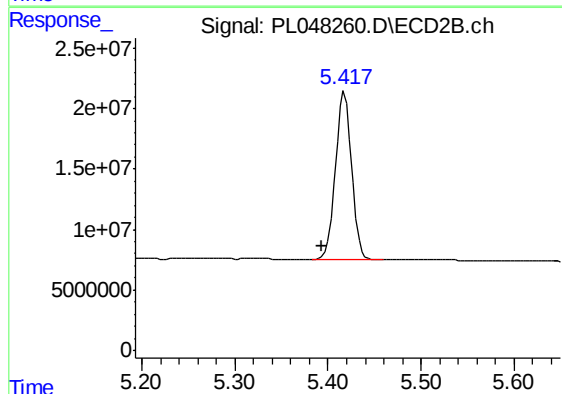
R.T.: 8.109 min  
Delta R.T.: 0.000 min  
Response: 94234191  
Conc: 44.68 ng/ml



#24 Chlordane-2

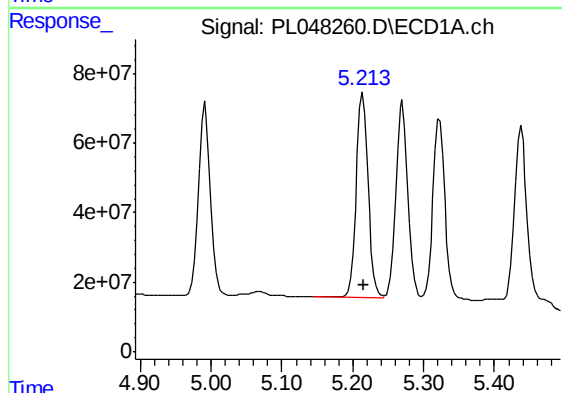
R.T.: 4.657 min  
Delta R.T.: -0.001 min  
Response: 137554096  
Conc: 265.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



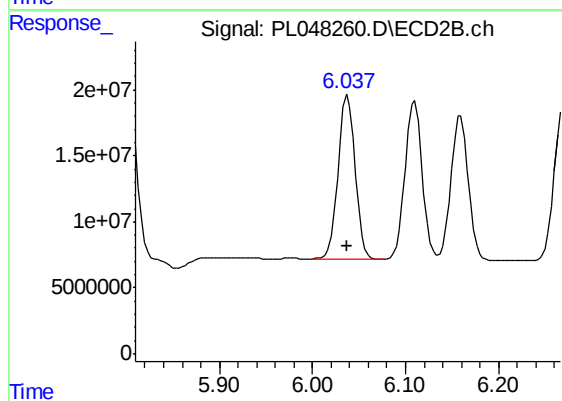
#24 Chlordane-2

R.T.: 5.418 min  
Delta R.T.: 0.024 min  
Response: 166988330  
Conc: 1291.09 ng/ml



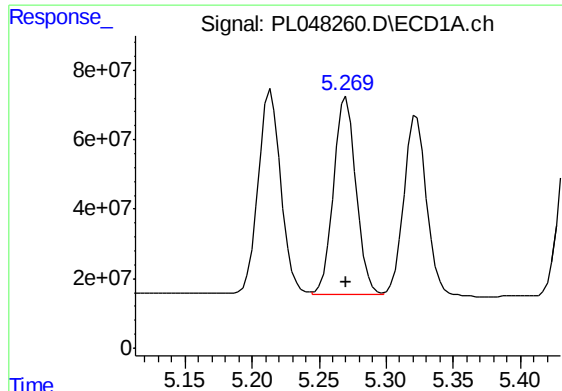
#25 Chlordane-3

R.T.: 5.214 min  
Delta R.T.: -0.001 min  
Response: 693432175  
Conc: 440.40 ng/ml



#25 Chlordane-3

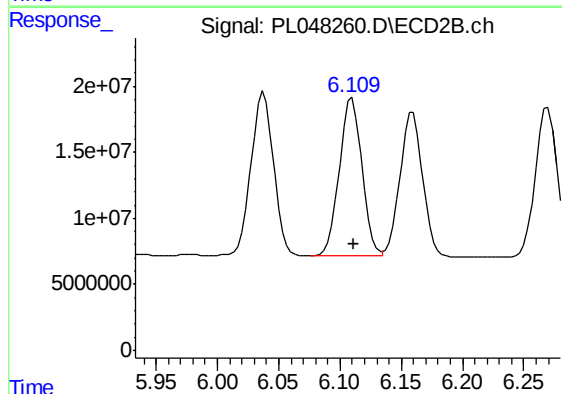
R.T.: 6.038 min  
Delta R.T.: 0.000 min  
Response: 157354759  
Conc: 359.07 ng/ml



#26 Chlordane-4

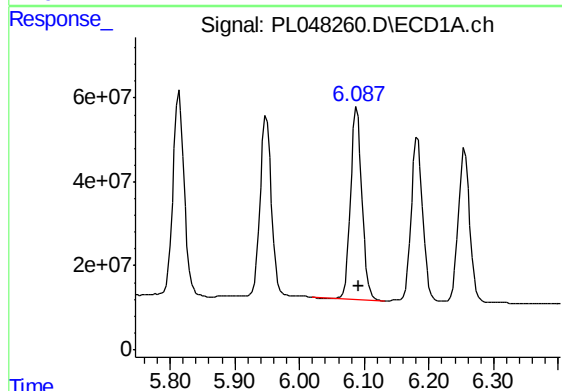
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 664287177  
Conc: 457.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



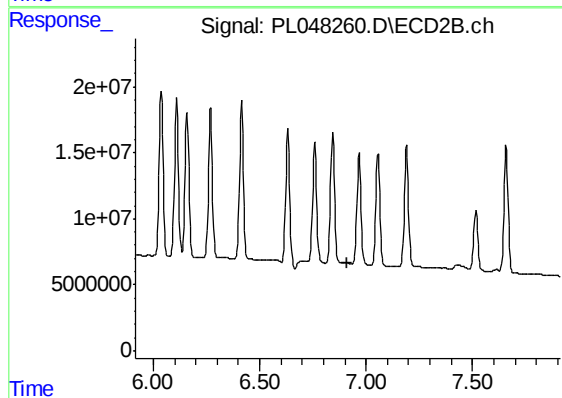
#26 Chlordane-4

R.T.: 6.110 min  
Delta R.T.: -0.001 min  
Response: 153067752  
Conc: 291.78 ng/ml



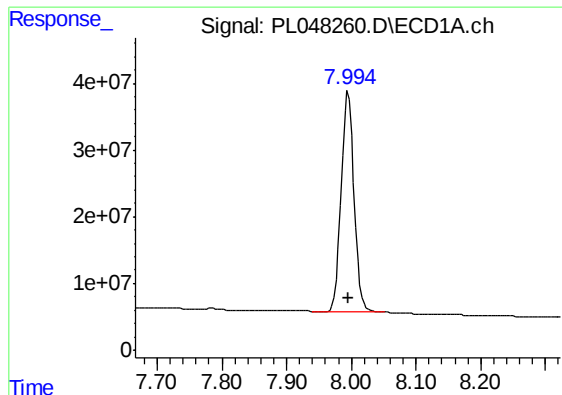
#27 Chlordane-5

R.T.: 6.088 min  
Delta R.T.: -0.003 min  
Response: 561496813  
Conc: 1195.80 ng/ml



#27 Chlordane-5

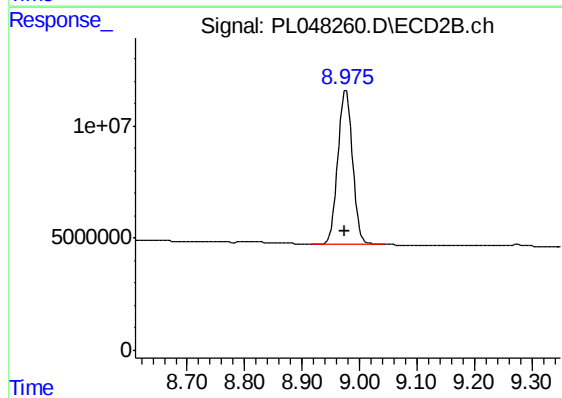
R.T.: 0.000 min  
Exp R.T. : 6.913 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.995 min  
Delta R.T.: 0.000 min  
Response: 451945994  
Conc: 44.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.976 min  
Delta R.T.: 0.000 min  
Response: 122240882  
Conc: 46.05 ng/ml