

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042219\  
 Data File : PL047614.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2019 15:23  
 Operator : AJ\SJ  
 Sample : PB119048BS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB119048BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 01:05:09 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 19 16:51:53 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... | 3.333 | 3.940  | 177.9E6 | 51236280 | 20.047   | 19.194     |
| 28)                         | SA Decachlor... | 8.005 | 8.973  | 183.0E6 | 51862672 | 18.115   | 17.085     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.762 | 4.327  | 789.6E6 | 185.0E6  | 56.304   | 49.691     |
| 3)                          | MA gamma-BHC... | 4.038 | 4.611  | 737.6E6 | 174.5E6  | 60.951   | 49.397     |
| 4)                          | MA Heptachlor   | 4.324 | 5.114  | 778.3E6 | 185.1E6  | 58.397   | 50.251     |
| 5)                          | MB Aldrin       | 4.563 | 5.417  | 756.4E6 | 173.9E6  | 61.681   | 53.576     |
| 6)                          | B beta-BHC      | 4.292 | 4.784  | 305.4E6 | 84080607 | 55.746   | 50.683     |
| 7)                          | B delta-BHC     | 4.486 | 4.998  | 541.2E6 | 116.5E6  | 43.737   | 43.429     |
| 8)                          | B Heptachlor... | 5.000 | 5.803  | 673.5E6 | 159.4E6  | 57.523   | 57.570     |
| 9)                          | A Endosulfan I  | 5.331 | 6.158  | 649.9E6 | 150.8E6  | 58.131   | 50.832     |
| 10)                         | B gamma-Chl...  | 5.223 | 6.037  | 707.9E6 | 164.3E6  | 57.873   | 51.966     |
| 11)                         | B alpha-Chl...  | 5.279 | 6.108  | 690.7E6 | 161.7E6  | 57.466   | 50.510     |
| 12)                         | B 4,4'-DDE      | 5.447 | 6.268  | 674.6E6 | 150.2E6  | 58.008   | 50.569     |
| 13)                         | MA Dieldrin     | 5.571 | 6.414  | 692.2E6 | 156.9E6  | 58.113   | 50.928     |
| 14)                         | MA Endrin       | 5.824 | 6.631  | 615.2E6 | 133.7E6  | 54.478   | 48.460     |
| 15)                         | B Endosulfa...  | 6.098 | 6.842  | 578.0E6 | 135.4E6  | 54.587   | 48.825     |
| 16)                         | A 4,4'-DDD      | 5.958 | 6.758  | 520.1E6 | 120.9E6  | 57.289   | 50.832     |
| 17)                         | MA 4,4'-DDT     | 6.193 | 7.055  | 513.8E6 | 122.2E6  | 59.415   | 49.184     |
| 18)                         | B Endrin al...  | 6.265 | 6.965  | 472.9E6 | 118.6E6  | 53.730   | 48.766     |
| 19)                         | B Endosulfa...  | 6.476 | 7.188  | 511.2E6 | 128.9E6  | 52.660   | 48.316     |
| 20)                         | A Methoxychlor  | 6.738 | 7.514  | 253.7E6 | 68682605 | 52.890   | 47.603     |
| 21)                         | B Endrin ke...  | 6.958 | 7.657  | 584.4E6 | 140.9E6  | 55.428   | 49.809     |
| 22)                         | Mirex           | 7.133 | 8.107  | 441.9E6 | 114.4E6  | 54.669   | 50.343     |
| 24)                         | Chlordane-2     | 0.000 | 5.417f | 0       | 173.9E6  | N.D.     | 1455.657 # |
| 25)                         | Chlordane-3     | 5.223 | 6.037  | 707.9E6 | 164.3E6  | 516.303  | 409.456    |
| 26)                         | Chlordane-4     | 5.279 | 6.108  | 690.7E6 | 161.7E6  | 544.948  | 342.273 #  |
| 27)                         | Chlordane-5     | 6.098 | 0.000  | 578.0E6 | 0        | 1480.922 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

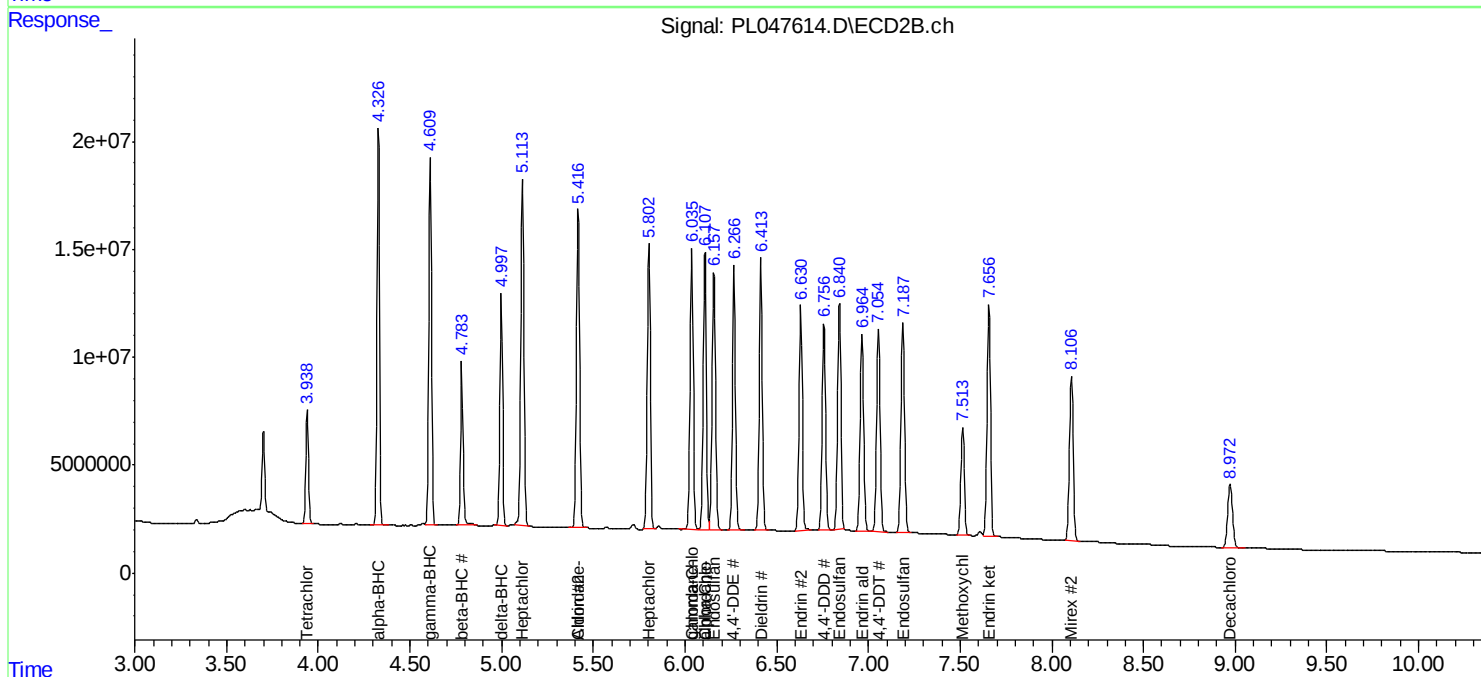
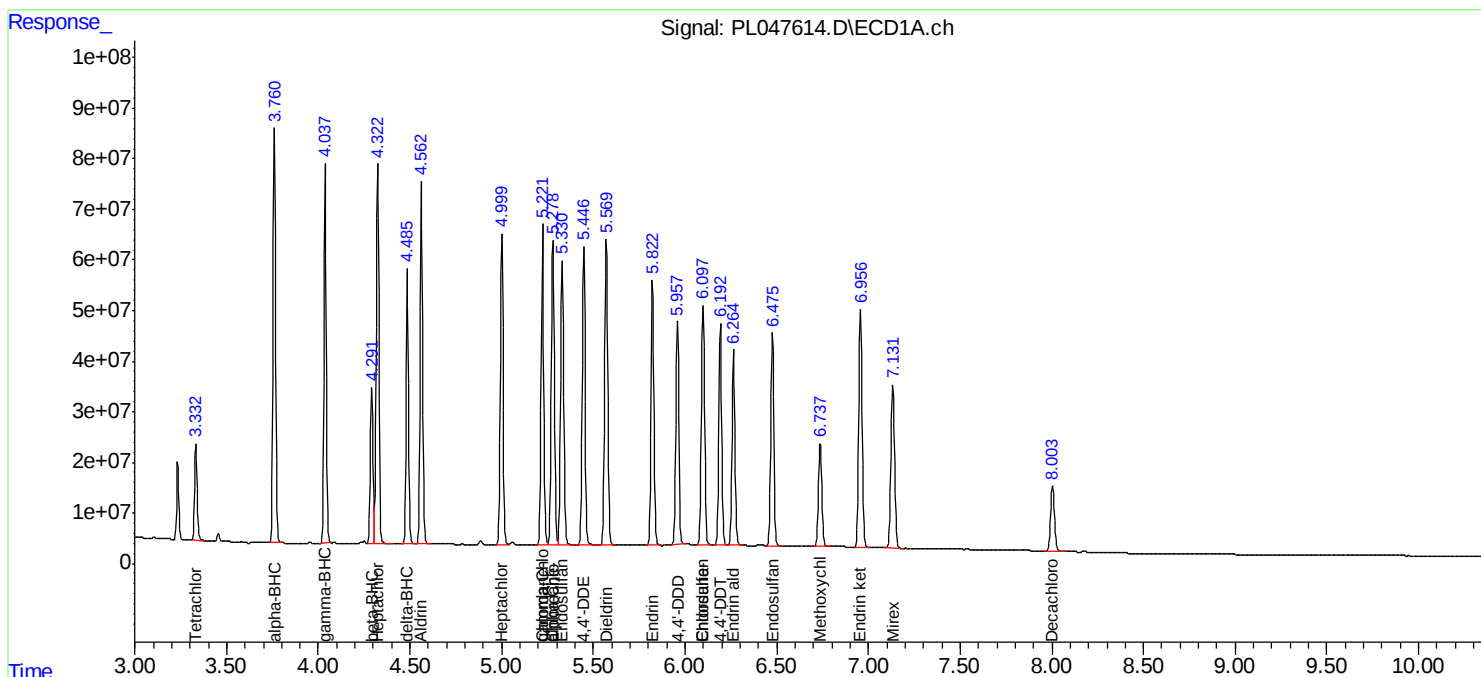
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

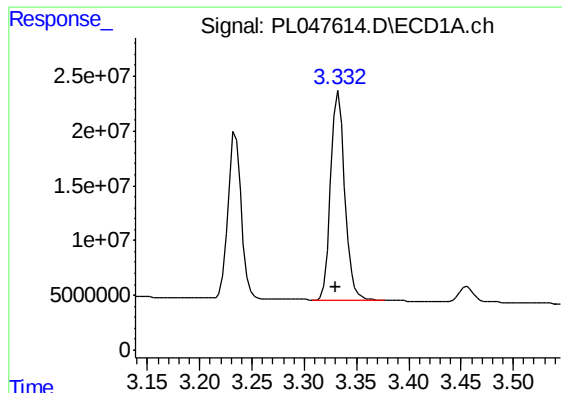
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042219\  
Data File : PL047614.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2019 15:23  
Operator : AJ\SJ  
Sample : PB119048BS  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB119048BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 01:05:09 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041919.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 19 16:51:53 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

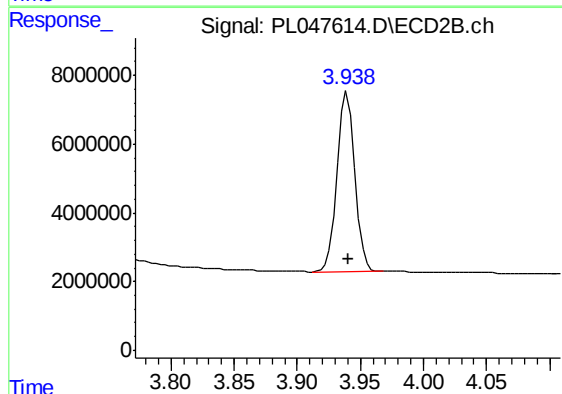




#1 Tetrachloro-m-xylene

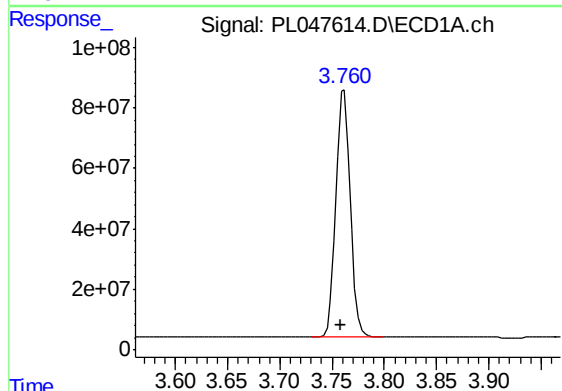
R.T.: 3.333 min  
Delta R.T.: 0.003 min  
Response: 177868868  
Conc: 20.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119048BS



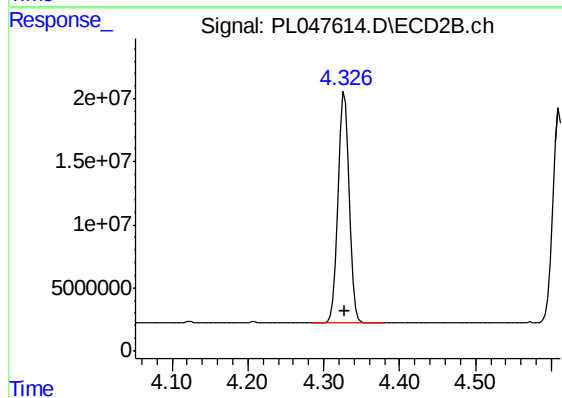
#1 Tetrachloro-m-xylene

R.T.: 3.940 min  
Delta R.T.: -0.001 min  
Response: 51236280  
Conc: 19.19 ng/ml



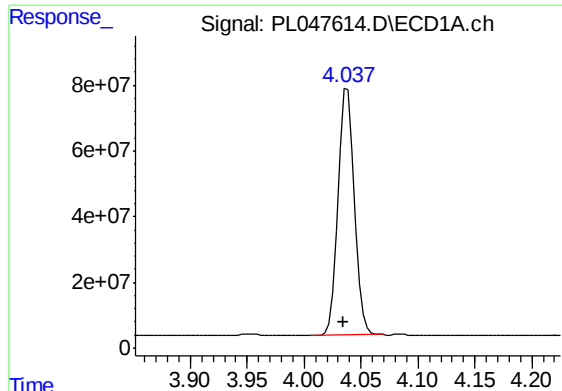
#2 alpha-BHC

R.T.: 3.762 min  
Delta R.T.: 0.003 min  
Response: 789595275  
Conc: 56.30 ng/ml



#2 alpha-BHC

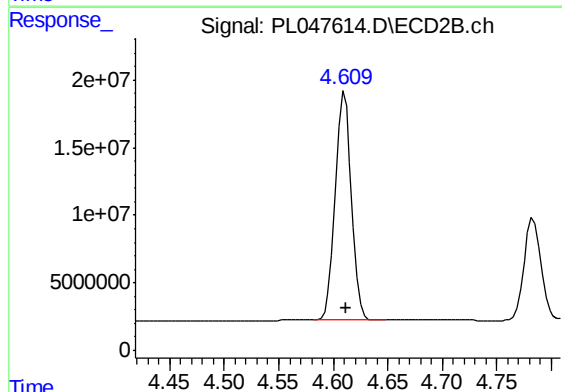
R.T.: 4.327 min  
Delta R.T.: 0.000 min  
Response: 184990474  
Conc: 49.69 ng/ml



#3 gamma-BHC (Lindane)

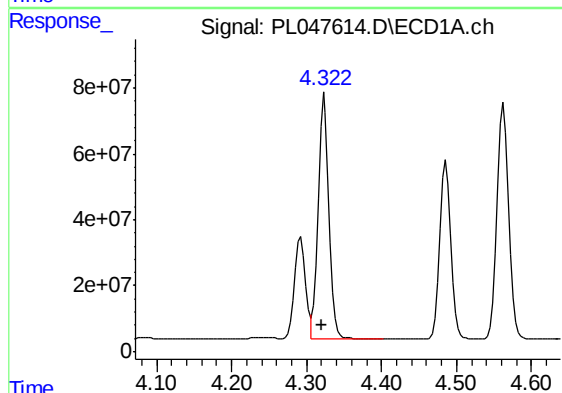
R.T.: 4.038 min  
Delta R.T.: 0.003 min  
Response: 737632301  
Conc: 60.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119048BS



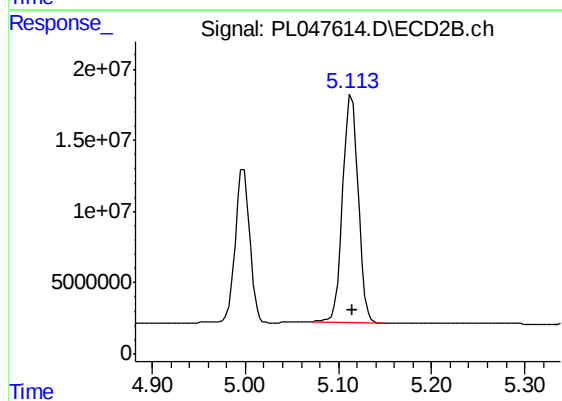
#3 gamma-BHC (Lindane)

R.T.: 4.611 min  
Delta R.T.: 0.000 min  
Response: 174520229  
Conc: 49.40 ng/ml



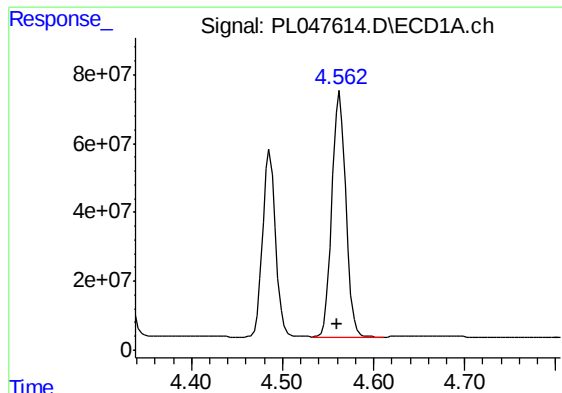
#4 Heptachlor

R.T.: 4.324 min  
Delta R.T.: 0.003 min  
Response: 778297610  
Conc: 58.40 ng/ml



#4 Heptachlor

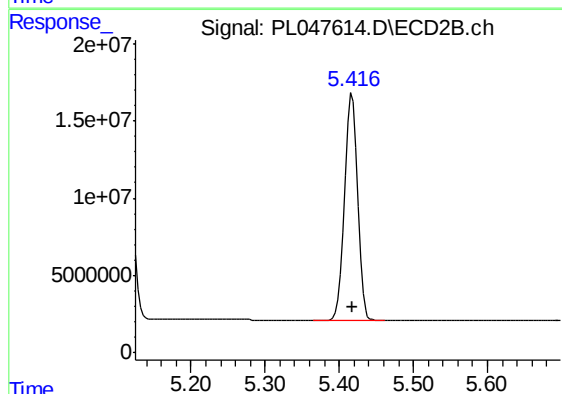
R.T.: 5.114 min  
Delta R.T.: 0.000 min  
Response: 185139809  
Conc: 50.25 ng/ml



#5 Aldrin

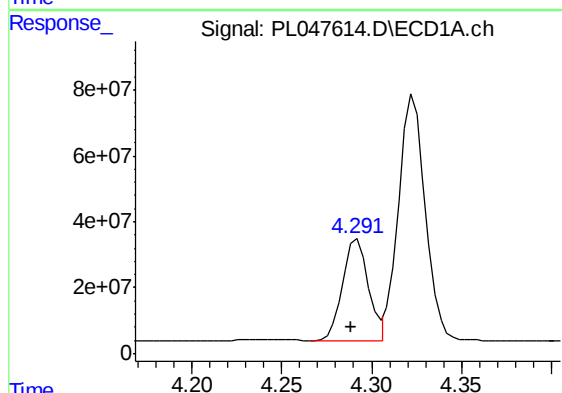
R.T.: 4.563 min  
Delta R.T.: 0.003 min  
Response: 756385965  
Conc: 61.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119048BS



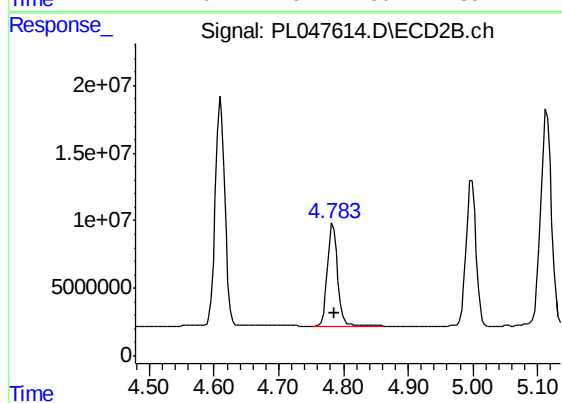
#5 Aldrin

R.T.: 5.417 min  
Delta R.T.: 0.000 min  
Response: 173899820  
Conc: 53.58 ng/ml



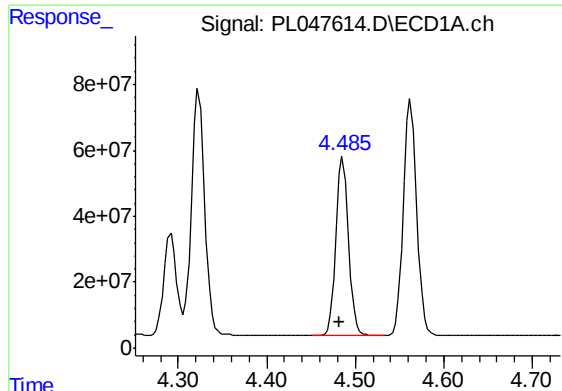
#6 beta-BHC

R.T.: 4.292 min  
Delta R.T.: 0.004 min  
Response: 305398501  
Conc: 55.75 ng/ml



#6 beta-BHC

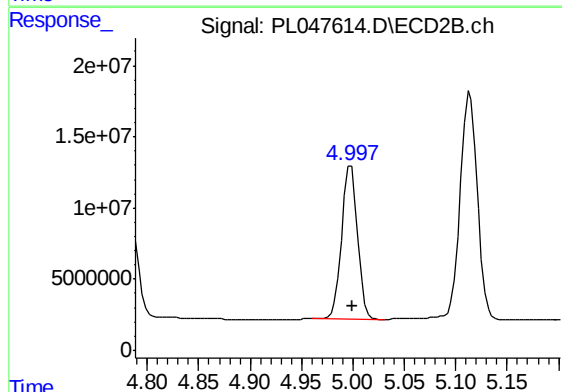
R.T.: 4.784 min  
Delta R.T.: -0.001 min  
Response: 84080607  
Conc: 50.68 ng/ml



#7 delta-BHC

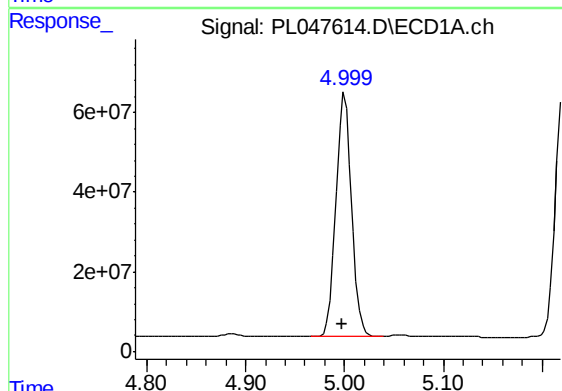
R.T.: 4.486 min  
Delta R.T.: 0.004 min  
Response: 541234890  
Conc: 43.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119048BS



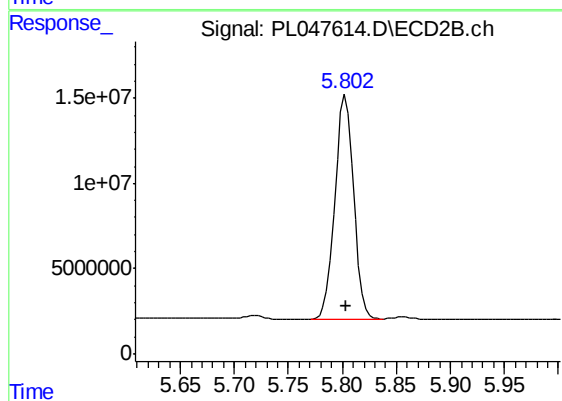
#7 delta-BHC

R.T.: 4.998 min  
Delta R.T.: -0.001 min  
Response: 116535278  
Conc: 43.43 ng/ml



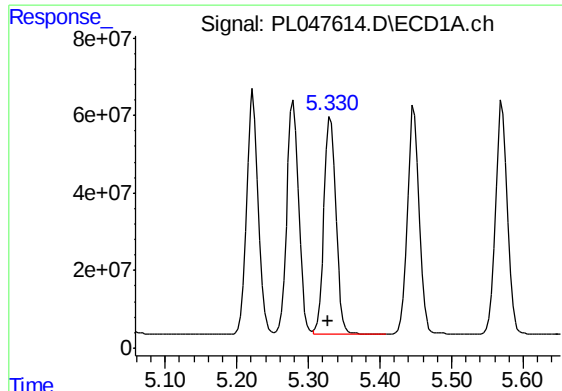
#8 Heptachlor epoxide

R.T.: 5.000 min  
Delta R.T.: 0.003 min  
Response: 673540239  
Conc: 57.52 ng/ml



#8 Heptachlor epoxide

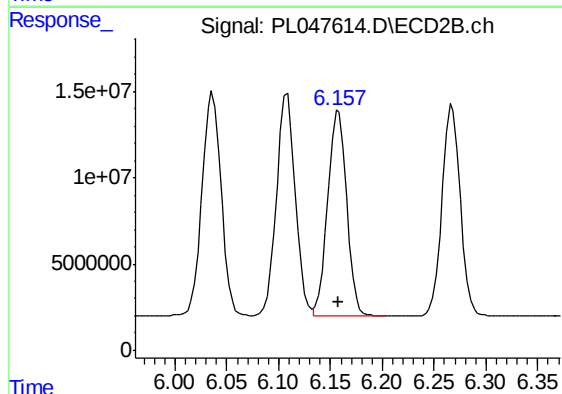
R.T.: 5.803 min  
Delta R.T.: 0.000 min  
Response: 159377008  
Conc: 57.57 ng/ml



#9 Endosulfan I

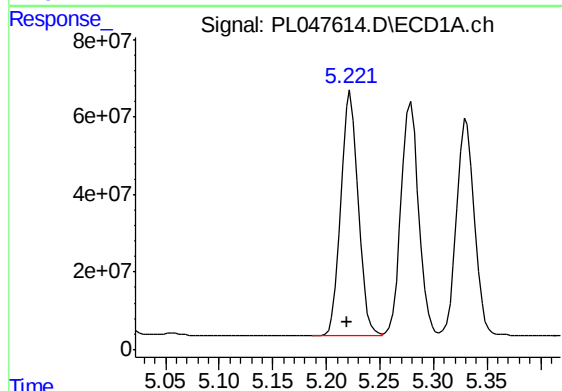
R.T.: 5.331 min  
Delta R.T.: 0.003 min  
Response: 649891048  
Conc: 58.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119048BS



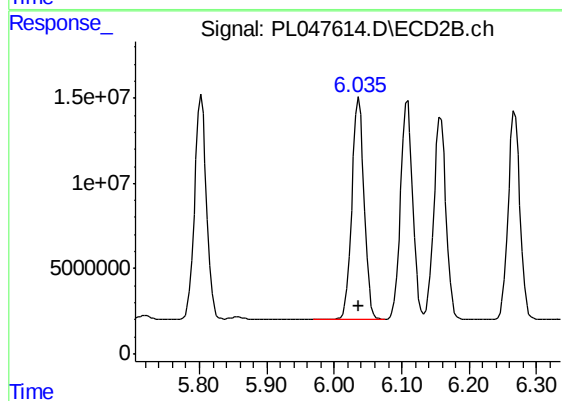
#9 Endosulfan I

R.T.: 6.158 min  
Delta R.T.: 0.000 min  
Response: 150759799  
Conc: 50.83 ng/ml



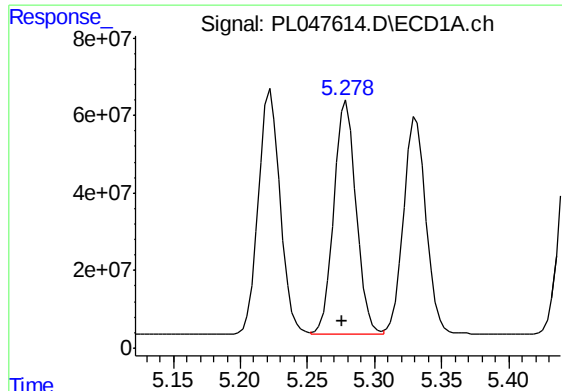
#10 gamma-Chlordane

R.T.: 5.223 min  
Delta R.T.: 0.003 min  
Response: 707907289  
Conc: 57.87 ng/ml



#10 gamma-Chlordane

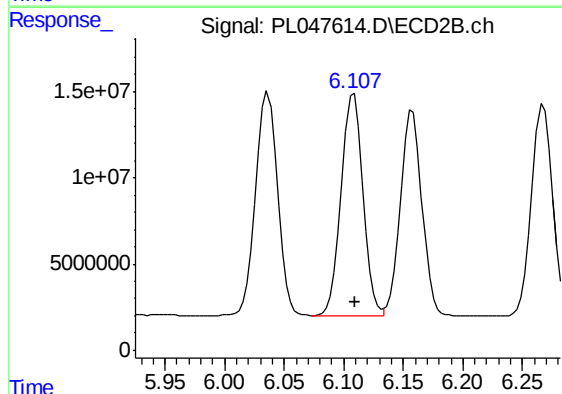
R.T.: 6.037 min  
Delta R.T.: 0.000 min  
Response: 164273459  
Conc: 51.97 ng/ml



#11 alpha-Chlordane

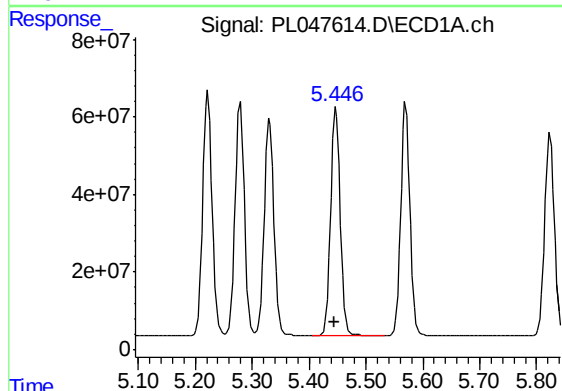
R.T.: 5.279 min  
Delta R.T.: 0.003 min  
Response: 690737127  
Conc: 57.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119048BS



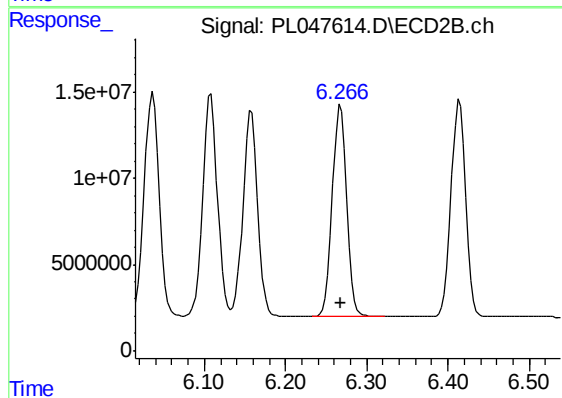
#11 alpha-Chlordane

R.T.: 6.108 min  
Delta R.T.: 0.000 min  
Response: 161694136  
Conc: 50.51 ng/ml



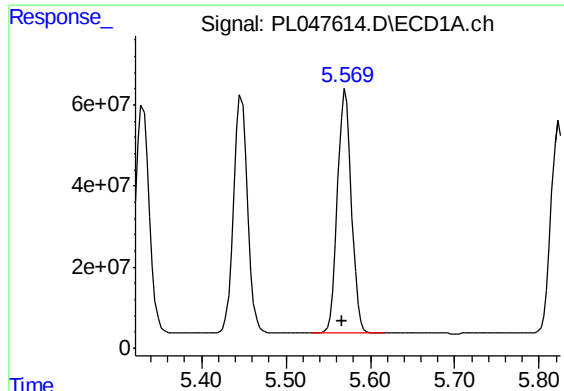
#12 4,4'-DDE

R.T.: 5.447 min  
Delta R.T.: 0.004 min  
Response: 674625970  
Conc: 58.01 ng/ml



#12 4,4'-DDE

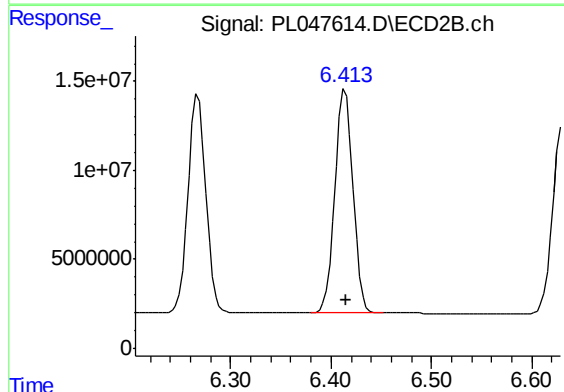
R.T.: 6.268 min  
Delta R.T.: 0.000 min  
Response: 150206972  
Conc: 50.57 ng/ml



#13 Dielddrin

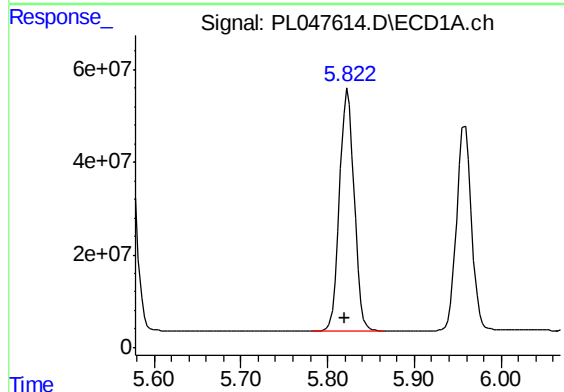
R.T.: 5.571 min  
Delta R.T.: 0.003 min  
Response: 692228435  
Conc: 58.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119048BS



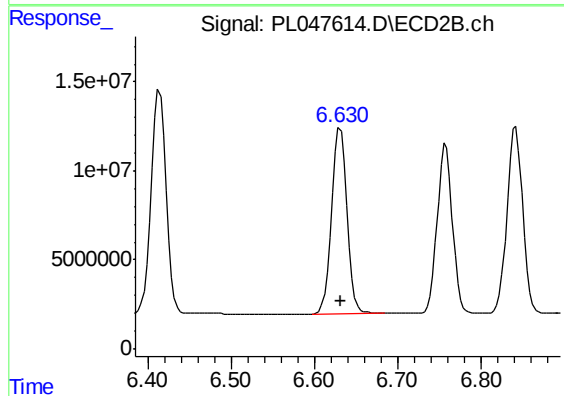
#13 Dielddrin

R.T.: 6.414 min  
Delta R.T.: 0.000 min  
Response: 156922620  
Conc: 50.93 ng/ml



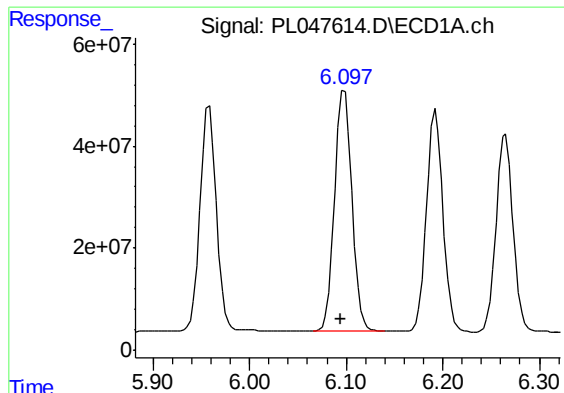
#14 Endrin

R.T.: 5.824 min  
Delta R.T.: 0.003 min  
Response: 615180789  
Conc: 54.48 ng/ml



#14 Endrin

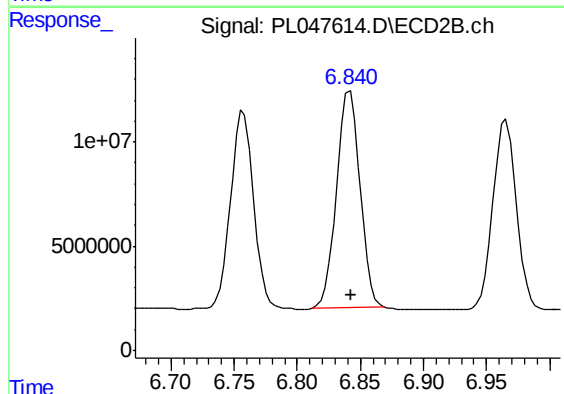
R.T.: 6.631 min  
Delta R.T.: 0.000 min  
Response: 133744844  
Conc: 48.46 ng/ml



#15 Endosulfan II

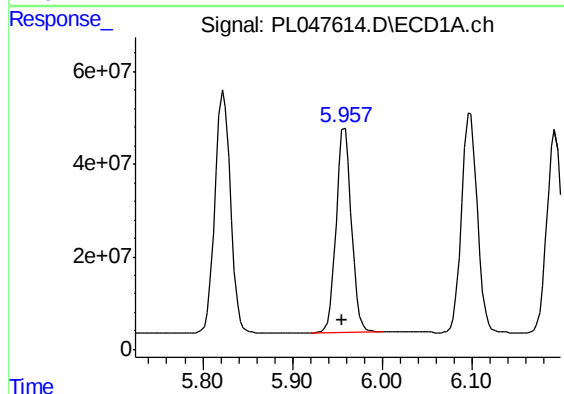
R.T.: 6.098 min  
Delta R.T.: 0.003 min  
Response: 578016740  
Conc: 54.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119048BS



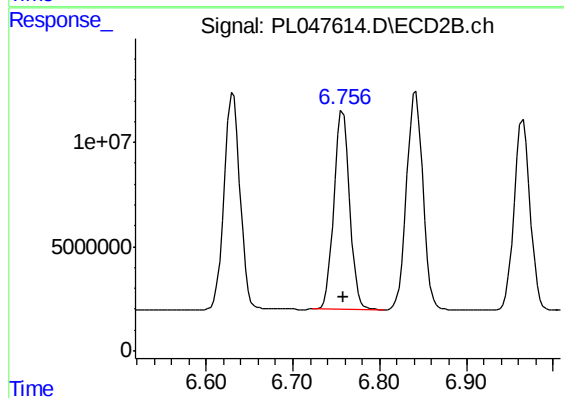
#15 Endosulfan II

R.T.: 6.842 min  
Delta R.T.: 0.000 min  
Response: 135395535  
Conc: 48.82 ng/ml



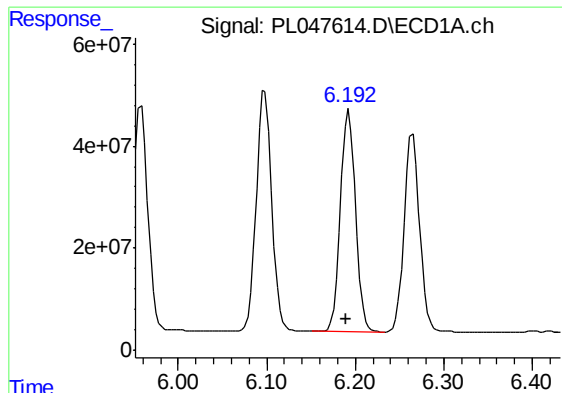
#16 4,4'-DDD

R.T.: 5.958 min  
Delta R.T.: 0.003 min  
Response: 520131486  
Conc: 57.29 ng/ml



#16 4,4'-DDD

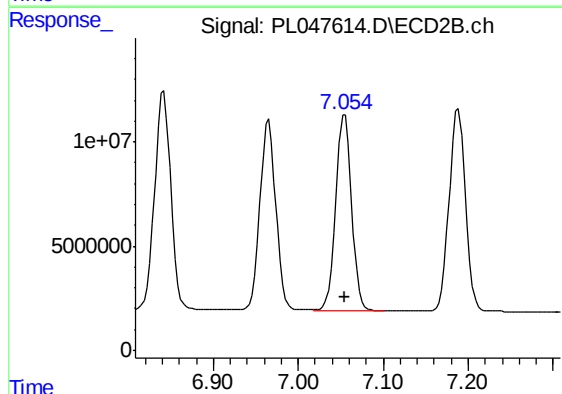
R.T.: 6.758 min  
Delta R.T.: 0.000 min  
Response: 120864273  
Conc: 50.83 ng/ml



#17 4,4'-DDT

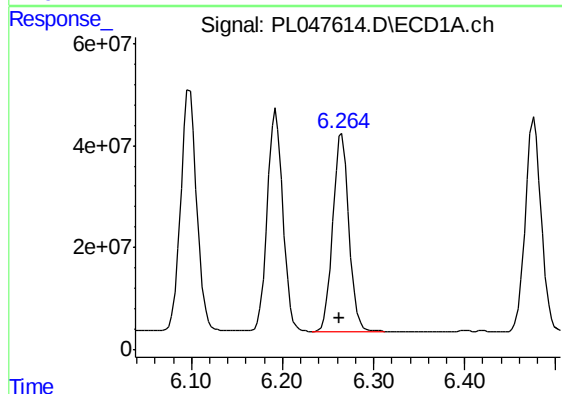
R.T.: 6.193 min  
Delta R.T.: 0.003 min  
Response: 513823888  
Conc: 59.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119048BS



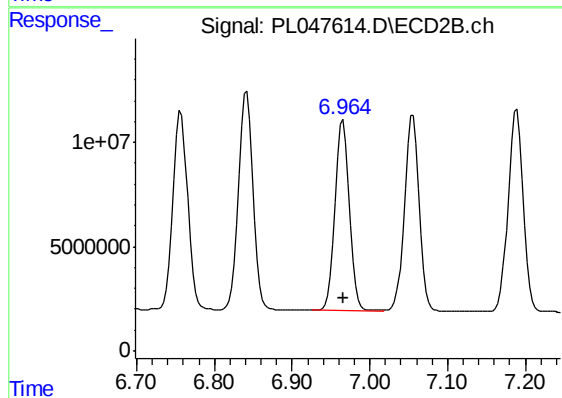
#17 4,4'-DDT

R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 122243869  
Conc: 49.18 ng/ml



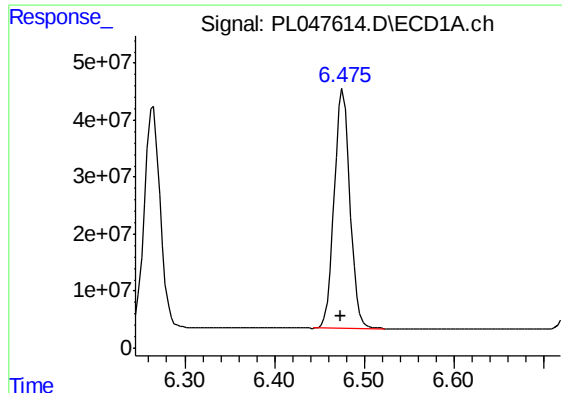
#18 Endrin aldehyde

R.T.: 6.265 min  
Delta R.T.: 0.002 min  
Response: 472926750  
Conc: 53.73 ng/ml



#18 Endrin aldehyde

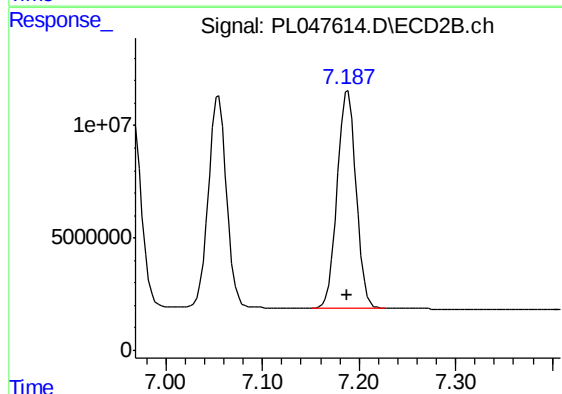
R.T.: 6.965 min  
Delta R.T.: 0.000 min  
Response: 118636306  
Conc: 48.77 ng/ml



#19 Endosulfan Sulfate

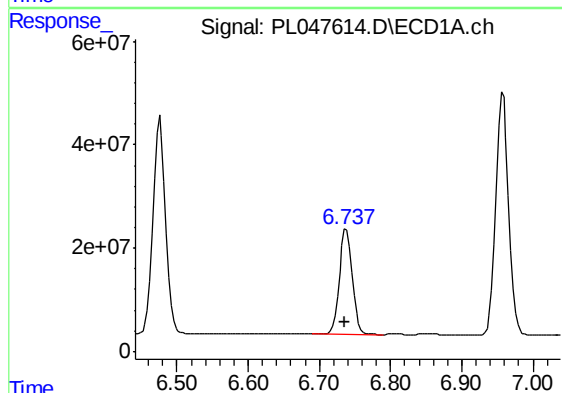
R.T.: 6.476 min  
Delta R.T.: 0.003 min  
Response: 511200850  
Conc: 52.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119048BS



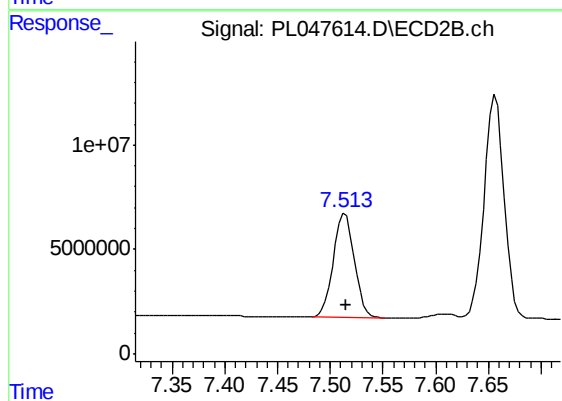
#19 Endosulfan Sulfate

R.T.: 7.188 min  
Delta R.T.: 0.000 min  
Response: 128882375  
Conc: 48.32 ng/ml



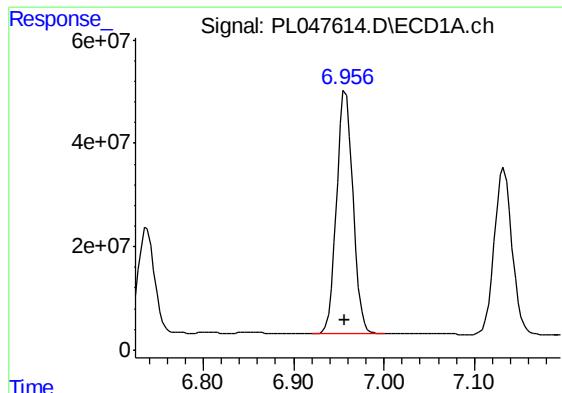
#20 Methoxychlor

R.T.: 6.738 min  
Delta R.T.: 0.002 min  
Response: 253743131  
Conc: 52.89 ng/ml



#20 Methoxychlor

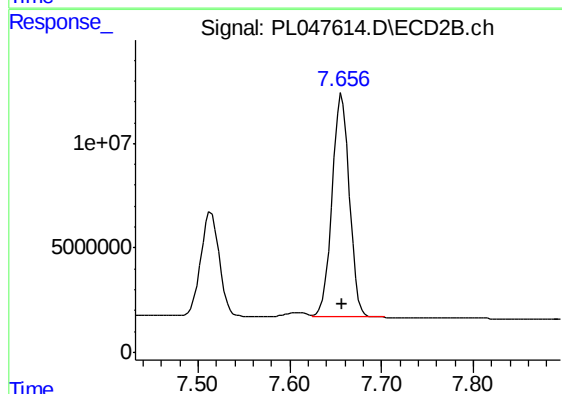
R.T.: 7.514 min  
Delta R.T.: 0.000 min  
Response: 68682605  
Conc: 47.60 ng/ml



#21 Endrin ketone

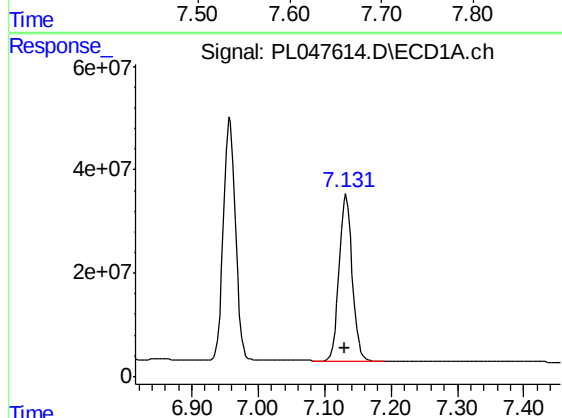
R.T.: 6.958 min  
Delta R.T.: 0.002 min  
Response: 584388063  
Conc: 55.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119048BS



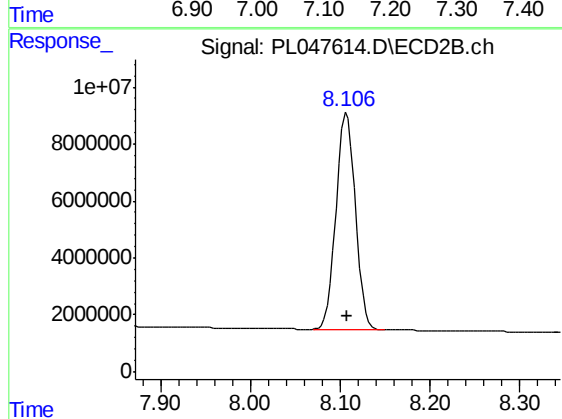
#21 Endrin ketone

R.T.: 7.657 min  
Delta R.T.: 0.000 min  
Response: 140859749  
Conc: 49.81 ng/ml



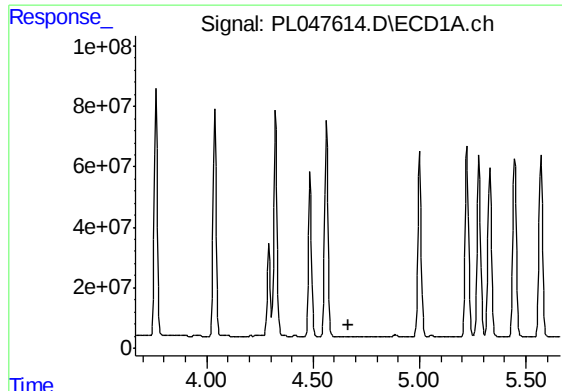
#22 Mirex

R.T.: 7.133 min  
Delta R.T.: 0.002 min  
Response: 441927206  
Conc: 54.67 ng/ml



#22 Mirex

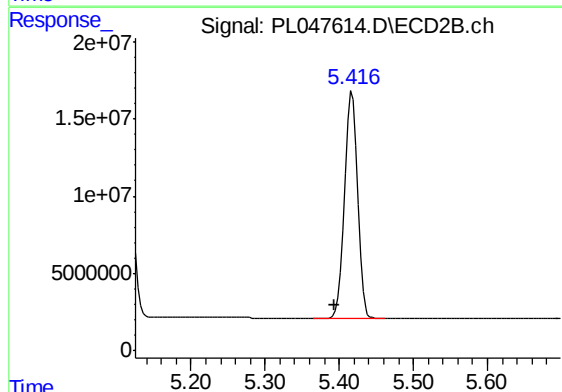
R.T.: 8.107 min  
Delta R.T.: 0.000 min  
Response: 114435786  
Conc: 50.34 ng/ml



#24 Chlordane-2

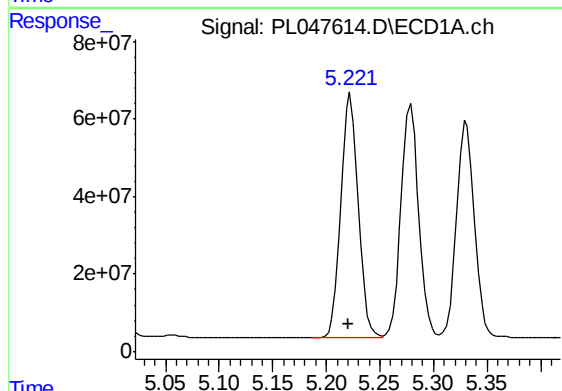
R.T.: 0.000 min  
Exp R.T.: 4.664 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB119048BS



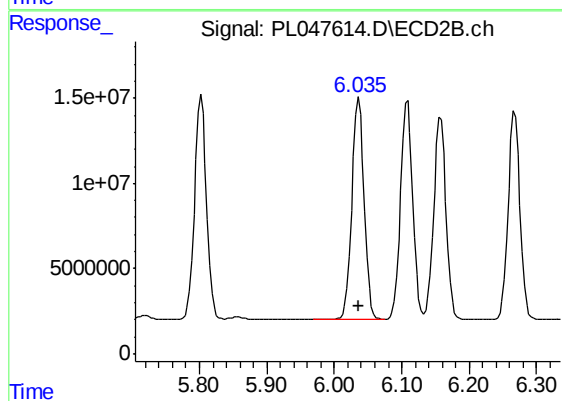
#24 Chlordane-2

R.T.: 5.417 min  
Delta R.T.: 0.024 min  
Response: 173899820  
Conc: 1455.66 ng/ml



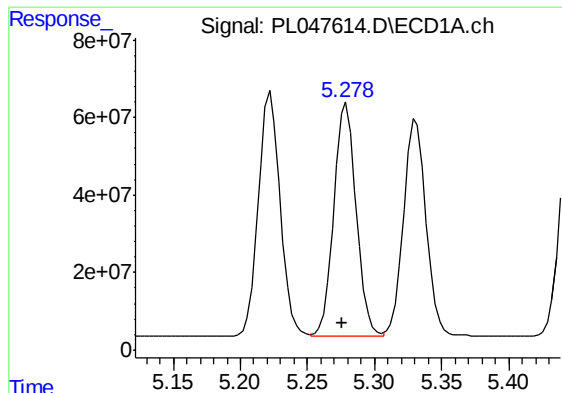
#25 Chlordane-3

R.T.: 5.223 min  
Delta R.T.: 0.002 min  
Response: 707907289  
Conc: 516.30 ng/ml



#25 Chlordane-3

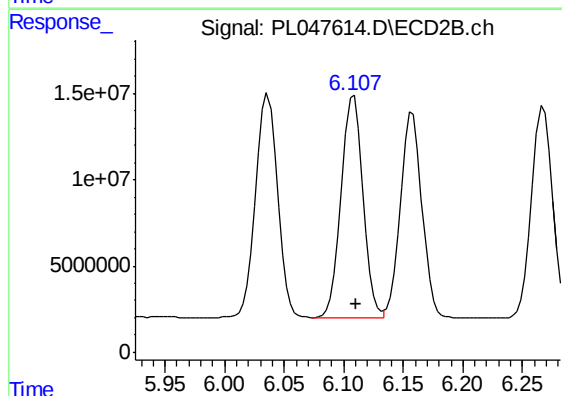
R.T.: 6.037 min  
Delta R.T.: 0.000 min  
Response: 164273459  
Conc: 409.46 ng/ml



#26 Chlordane-4

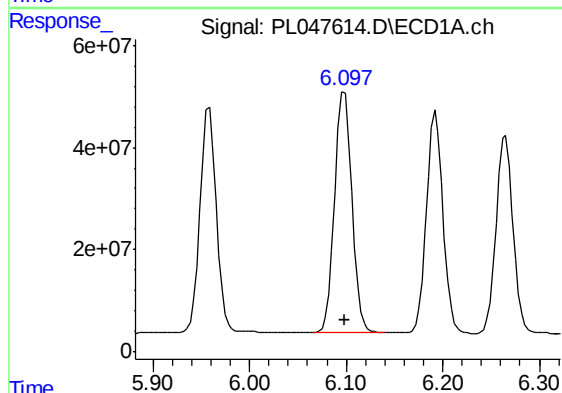
R.T.: 5.279 min  
Delta R.T.: 0.003 min  
Response: 690737127  
Conc: 544.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119048BS



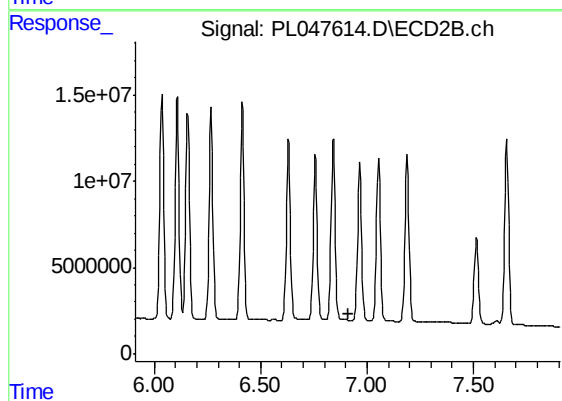
#26 Chlordane-4

R.T.: 6.108 min  
Delta R.T.: -0.002 min  
Response: 161694136  
Conc: 342.27 ng/ml



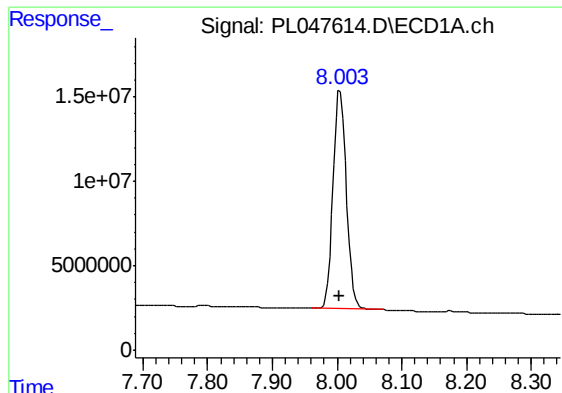
#27 Chlordane-5

R.T.: 6.098 min  
Delta R.T.: 0.000 min  
Response: 578016740  
Conc: 1480.92 ng/ml



#27 Chlordane-5

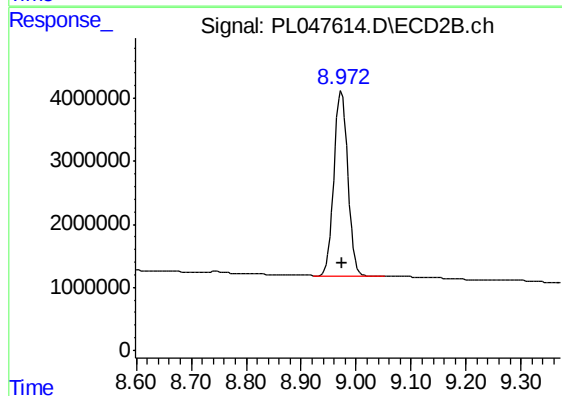
R.T.: 0.000 min  
Exp R.T. : 6.912 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.005 min  
Delta R.T.: 0.002 min  
Response: 182992230  
Conc: 18.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119048BS



#28 Decachlorobiphenyl

R.T.: 8.973 min  
Delta R.T.: -0.002 min  
Response: 51862672  
Conc: 17.08 ng/ml