

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052319\  
 Data File : PL048906.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 May 2019 22:21  
 Operator : SM\AJ  
 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 24 01:08:47 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... | 3.326 | 3.938  | 514.2E6 | 136.2E6  | 53.080   | 54.698     |
| 28)                         | SA Decachlor... | 7.994 | 8.974  | 506.0E6 | 142.5E6  | 50.328   | 53.678     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.754 | 4.326  | 857.7E6 | 200.2E6  | 55.455   | 57.009     |
| 3)                          | MA gamma-BHC... | 4.030 | 4.609  | 800.6E6 | 184.4E6  | 56.341   | 56.459     |
| 4)                          | MA Heptachlor   | 4.314 | 5.113  | 809.3E6 | 186.0E6  | 55.011   | 53.742     |
| 5)                          | MB Aldrin       | 4.553 | 5.415  | 775.0E6 | 171.6E6  | 56.565   | 55.419     |
| 6)                          | B beta-BHC      | 4.284 | 4.784  | 324.9E6 | 83464983 | 55.051   | 53.640     |
| 7)                          | B delta-BHC     | 4.477 | 4.998  | 807.8E6 | 169.9E6  | 57.217   | 60.083     |
| 8)                          | B Heptachlor... | 4.990 | 5.802  | 701.0E6 | 157.9E6  | 54.410   | 54.146     |
| 9)                          | A Endosulfan I  | 5.320 | 6.157  | 656.1E6 | 150.2E6  | 54.539   | 53.117     |
| 10)                         | B gamma-Chl...  | 5.212 | 6.036  | 731.3E6 | 165.4E6  | 54.772   | 53.716     |
| 11)                         | B alpha-Chl...  | 5.268 | 6.108  | 708.8E6 | 163.8E6  | 54.215   | 53.377     |
| 12)                         | B 4,4'-DDE      | 5.437 | 6.268  | 620.4E6 | 152.1E6  | 48.909   | 55.080     |
| 13)                         | MA Dieldrin     | 5.560 | 6.414  | 717.4E6 | 158.5E6  | 55.098   | 54.044     |
| 14)                         | MA Endrin       | 5.812 | 6.631  | 621.5E6 | 128.6E6  | 51.048   | 49.310     |
| 15)                         | B Endosulfa...  | 6.087 | 6.842  | 607.0E6 | 139.9E6  | 52.599   | 51.875     |
| 16)                         | A 4,4'-DDD      | 5.947 | 6.758  | 550.9E6 | 124.9E6  | 56.598   | 55.652     |
| 17)                         | MA 4,4'-DDT     | 6.181 | 7.055  | 503.7E6 | 116.0E6  | 50.135   | 49.414     |
| 18)                         | B Endrin al...  | 6.254 | 6.966  | 503.1E6 | 120.2E6  | 51.772   | 51.313     |
| 19)                         | B Endosulfa...  | 6.466 | 7.189  | 550.8E6 | 132.7E6  | 51.322   | 51.278     |
| 20)                         | A Methoxychlor  | 6.727 | 7.516  | 268.4E6 | 69836025 | 49.303   | 51.155     |
| 21)                         | B Endrin ke...  | 6.948 | 7.658  | 613.5E6 | 144.1E6  | 52.636   | 55.154     |
| 22)                         | Mirex           | 7.122 | 8.107  | 419.0E6 | 107.7E6  | 46.741   | 51.073     |
| 24)                         | Chlordane-2     | 0.000 | 5.415f | 0       | 171.6E6  | N.D.     | 1326.842 # |
| 25)                         | Chlordane-3     | 5.212 | 6.036  | 731.3E6 | 165.4E6  | 464.470  | 377.366    |
| 26)                         | Chlordane-4     | 5.268 | 6.108  | 708.8E6 | 163.8E6  | 488.205  | 312.189 #  |
| 27)                         | Chlordane-5     | 6.087 | 0.000  | 607.0E6 | 0        | 1292.760 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

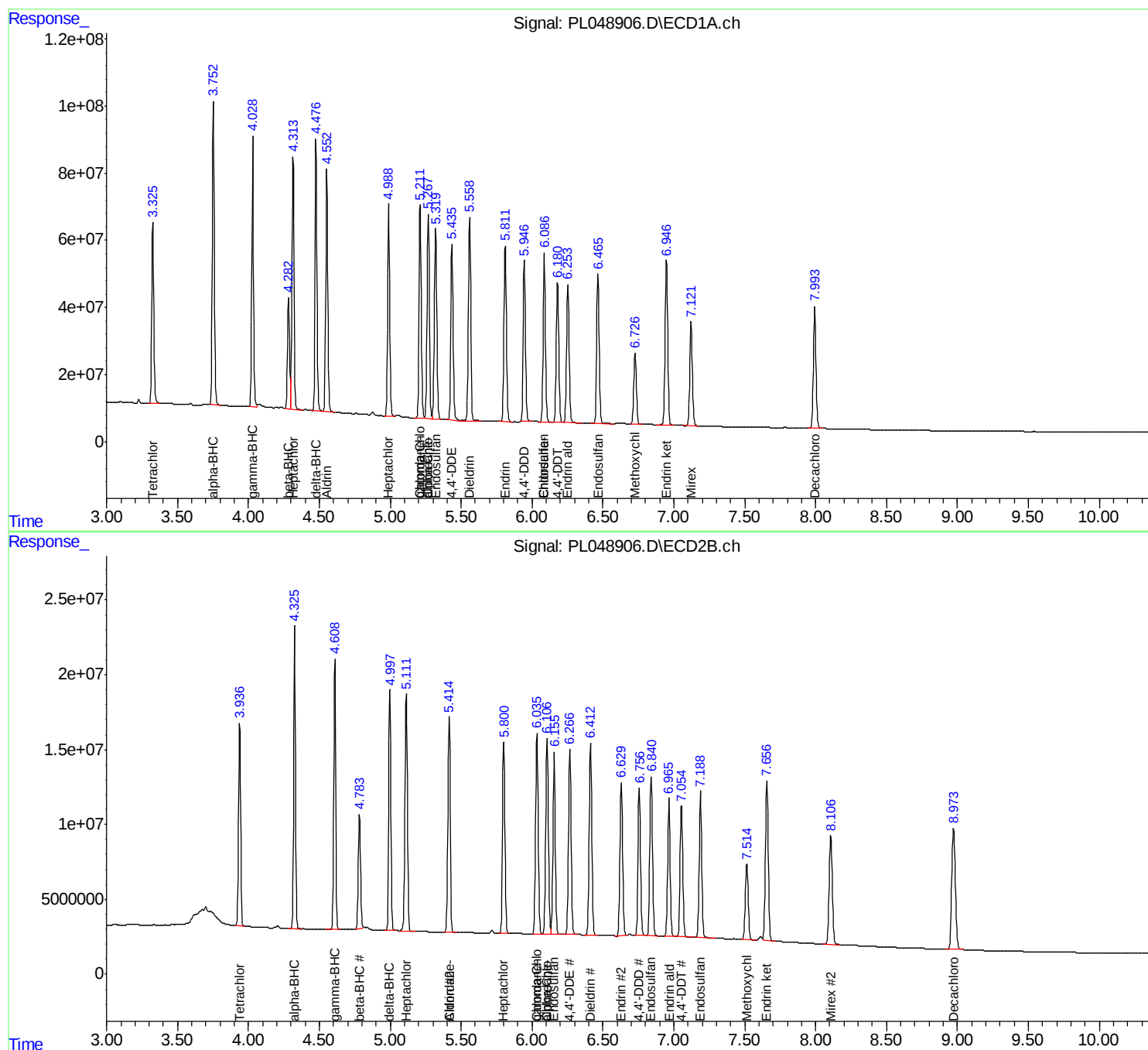
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

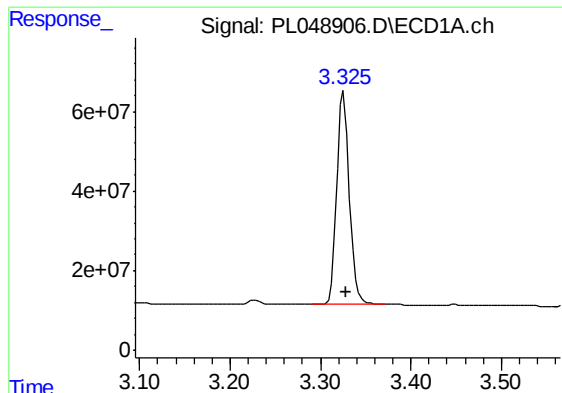
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052319\  
Data File : PL048906.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 May 2019 22:21  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 24 01:08:47 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

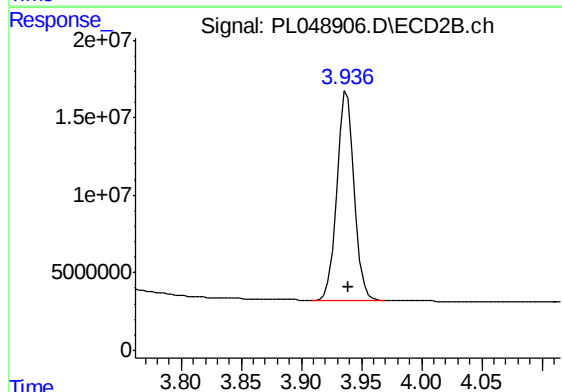




#1 Tetrachloro-m-xylene

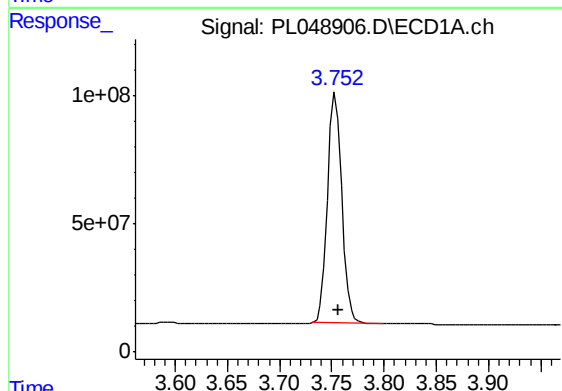
R.T.: 3.326 min  
Delta R.T.: -0.002 min  
Response: 514176001  
Conc: 53.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



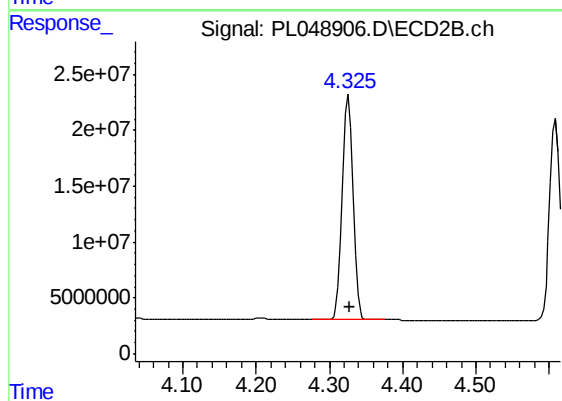
#1 Tetrachloro-m-xylene

R.T.: 3.938 min  
Delta R.T.: -0.002 min  
Response: 136245416  
Conc: 54.70 ng/ml



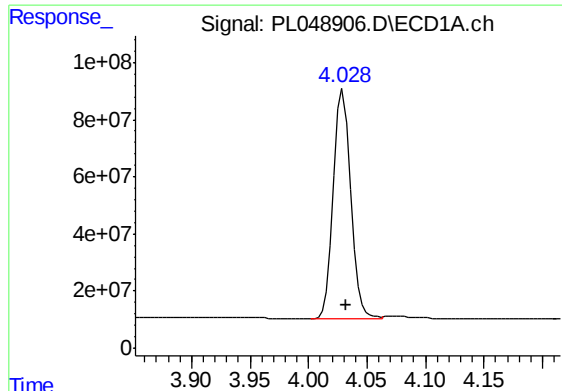
#2 alpha-BHC

R.T.: 3.754 min  
Delta R.T.: -0.002 min  
Response: 857741777  
Conc: 55.45 ng/ml



#2 alpha-BHC

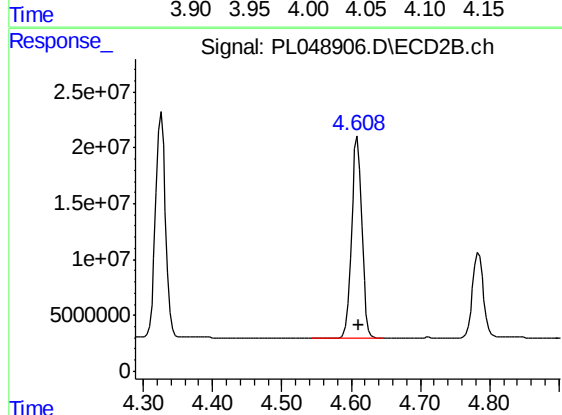
R.T.: 4.326 min  
Delta R.T.: -0.002 min  
Response: 200214002  
Conc: 57.01 ng/ml



#3 gamma-BHC (Lindane)

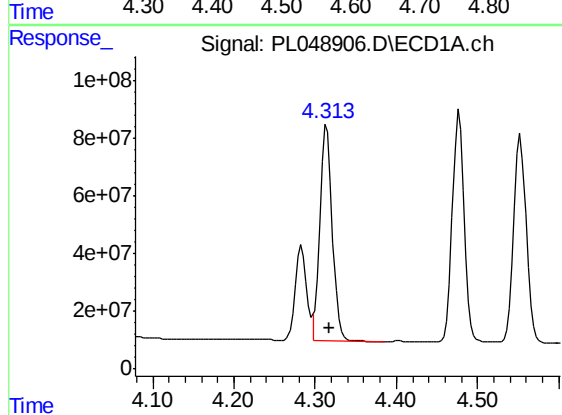
R.T.: 4.030 min  
Delta R.T.: -0.002 min  
Response: 800563089  
Conc: 56.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



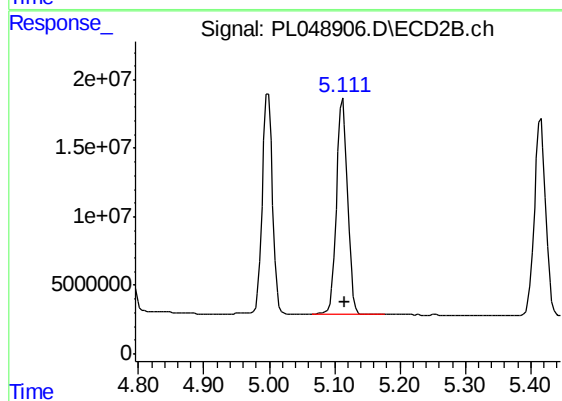
#3 gamma-BHC (Lindane)

R.T.: 4.609 min  
Delta R.T.: -0.002 min  
Response: 184404274  
Conc: 56.46 ng/ml



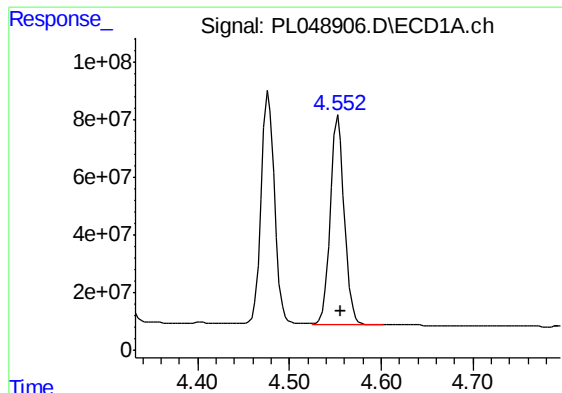
#4 Heptachlor

R.T.: 4.314 min  
Delta R.T.: -0.003 min  
Response: 809315492  
Conc: 55.01 ng/ml



#4 Heptachlor

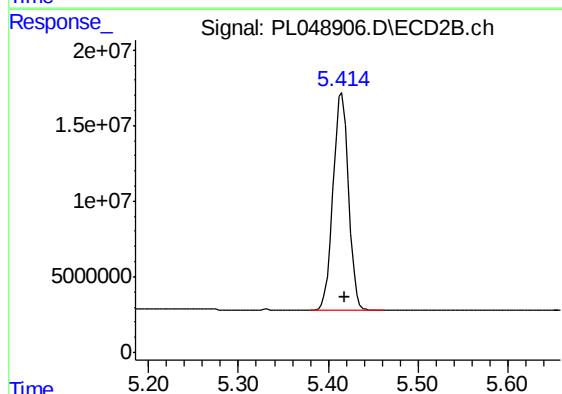
R.T.: 5.113 min  
Delta R.T.: -0.003 min  
Response: 186046219  
Conc: 53.74 ng/ml



#5 Aldrin

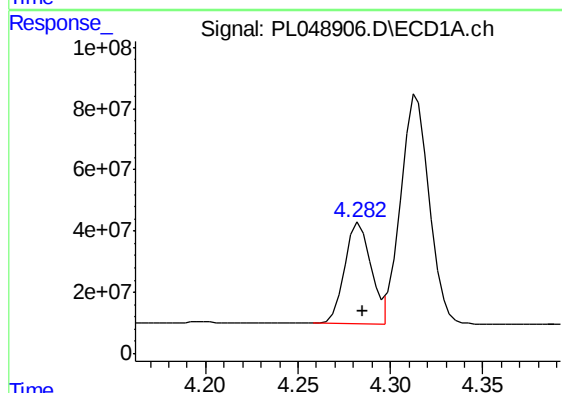
R.T.: 4.553 min  
Delta R.T.: -0.002 min  
Response: 775031219  
Conc: 56.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



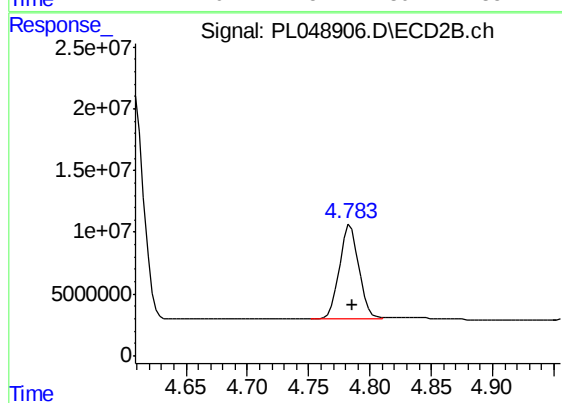
#5 Aldrin

R.T.: 5.415 min  
Delta R.T.: -0.003 min  
Response: 171612145  
Conc: 55.42 ng/ml



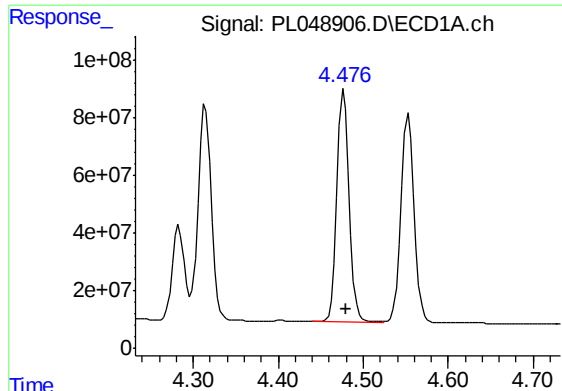
#6 beta-BHC

R.T.: 4.284 min  
Delta R.T.: -0.002 min  
Response: 324886720  
Conc: 55.05 ng/ml



#6 beta-BHC

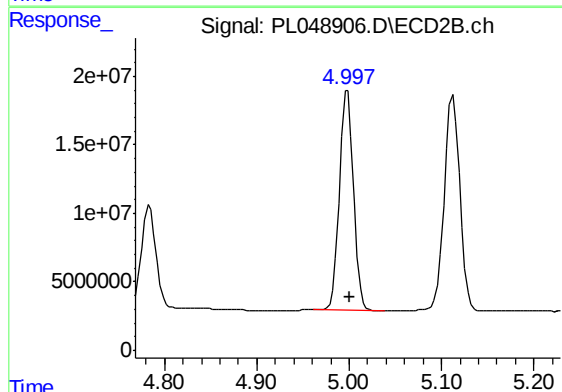
R.T.: 4.784 min  
Delta R.T.: -0.002 min  
Response: 83464983  
Conc: 53.64 ng/ml



#7 delta-BHC

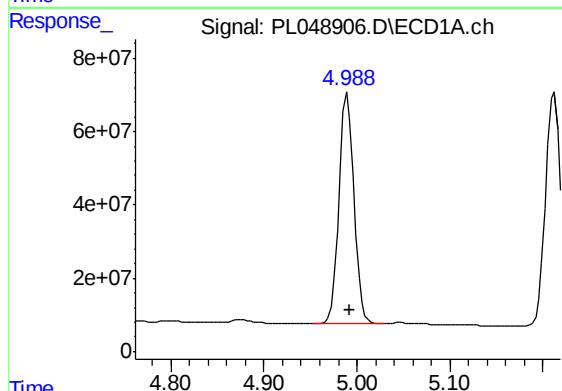
R.T.: 4.477 min  
Delta R.T.: -0.002 min  
Response: 807837456  
Conc: 57.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



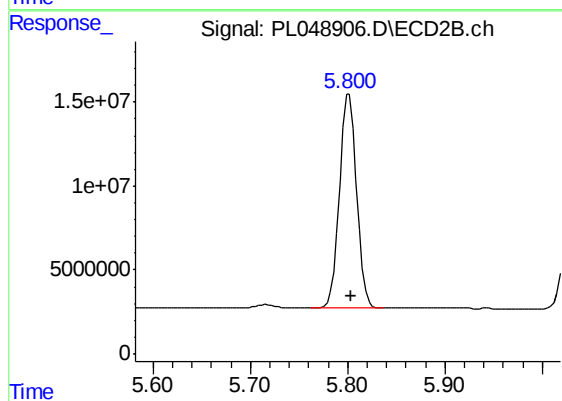
#7 delta-BHC

R.T.: 4.998 min  
Delta R.T.: -0.002 min  
Response: 169907614  
Conc: 60.08 ng/ml



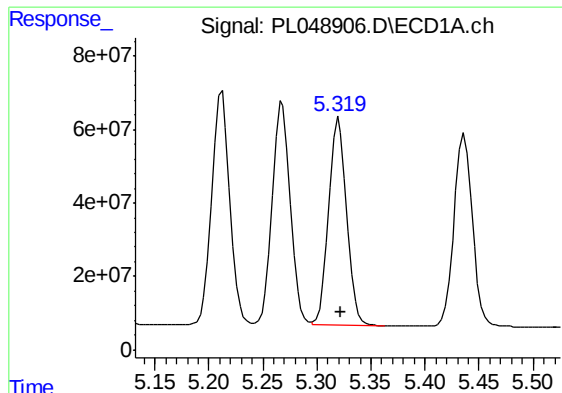
#8 Heptachlor epoxide

R.T.: 4.990 min  
Delta R.T.: -0.002 min  
Response: 701049791  
Conc: 54.41 ng/ml



#8 Heptachlor epoxide

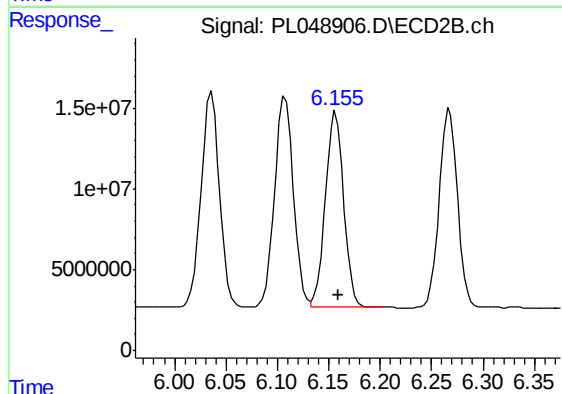
R.T.: 5.802 min  
Delta R.T.: -0.003 min  
Response: 157927555  
Conc: 54.15 ng/ml



#9 Endosulfan I

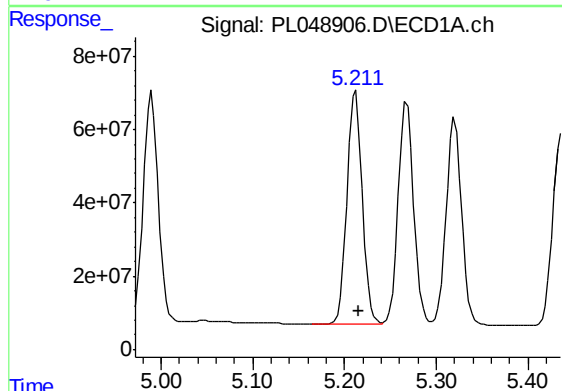
R.T.: 5.320 min  
Delta R.T.: -0.002 min  
Response: 656101883  
Conc: 54.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



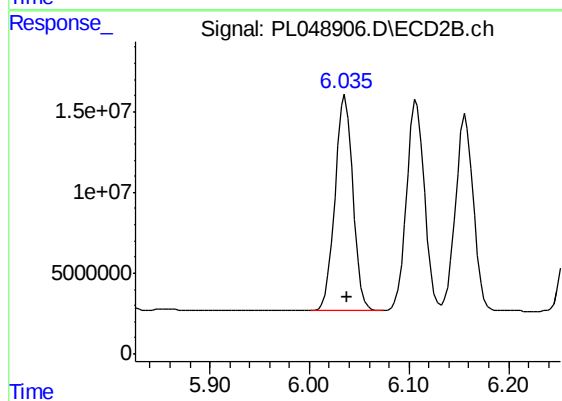
#9 Endosulfan I

R.T.: 6.157 min  
Delta R.T.: -0.002 min  
Response: 150188294  
Conc: 53.12 ng/ml



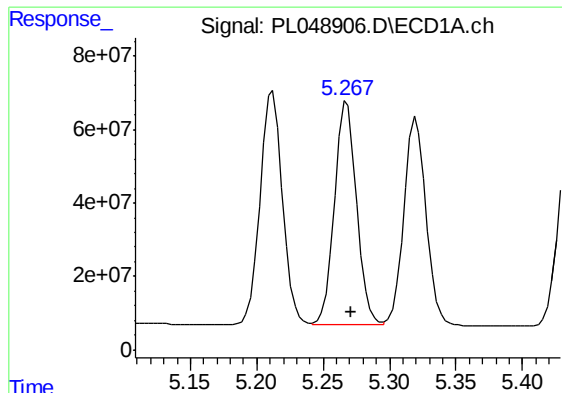
#10 gamma-Chlordane

R.T.: 5.212 min  
Delta R.T.: -0.003 min  
Response: 731333942  
Conc: 54.77 ng/ml



#10 gamma-Chlordane

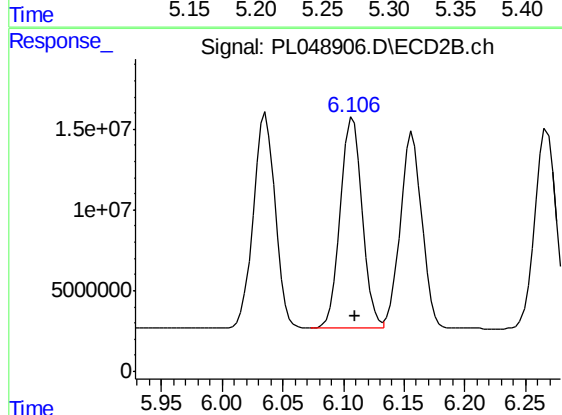
R.T.: 6.036 min  
Delta R.T.: -0.002 min  
Response: 165373540  
Conc: 53.72 ng/ml



#11 alpha-Chlordane

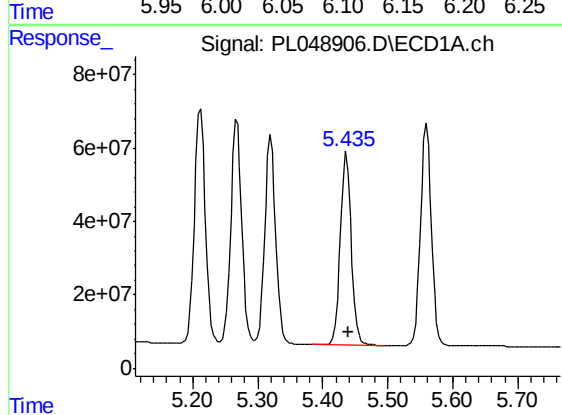
R.T.: 5.268 min  
Delta R.T.: -0.003 min  
Response: 708787430  
Conc: 54.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



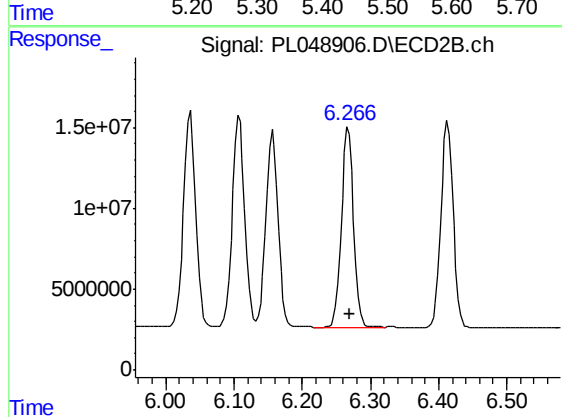
#11 alpha-Chlordane

R.T.: 6.108 min  
Delta R.T.: -0.002 min  
Response: 163774561  
Conc: 53.38 ng/ml



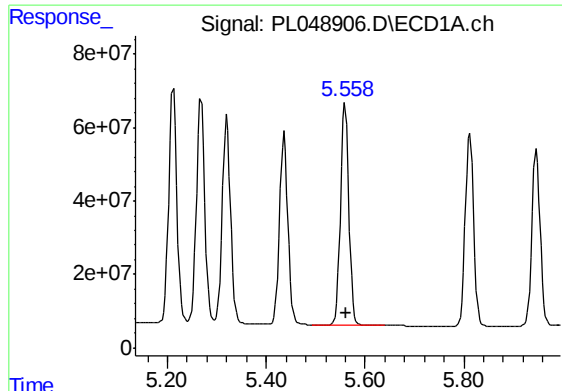
#12 4,4'-DDE

R.T.: 5.437 min  
Delta R.T.: -0.002 min  
Response: 620419737  
Conc: 48.91 ng/ml



#12 4,4'-DDE

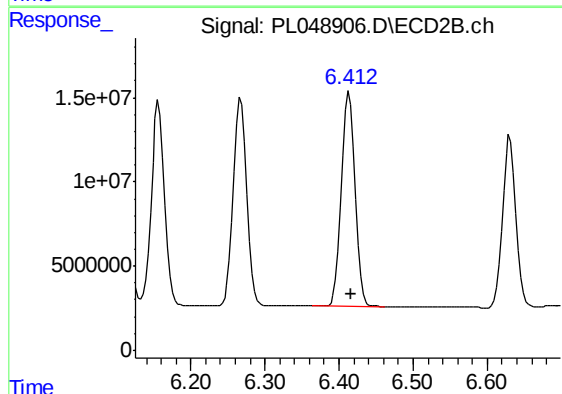
R.T.: 6.268 min  
Delta R.T.: -0.002 min  
Response: 152072092  
Conc: 55.08 ng/ml



#13 Dielldrin

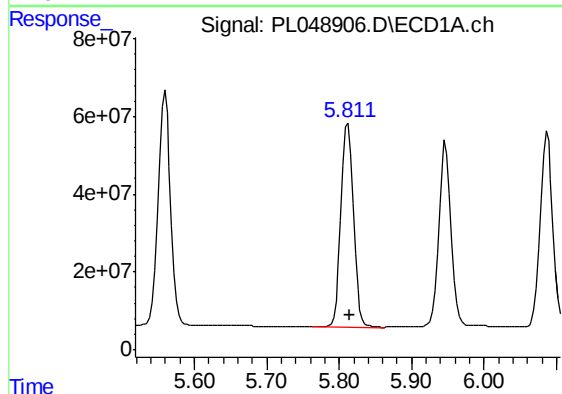
R.T.: 5.560 min  
Delta R.T.: -0.002 min  
Response: 717416046  
Conc: 55.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



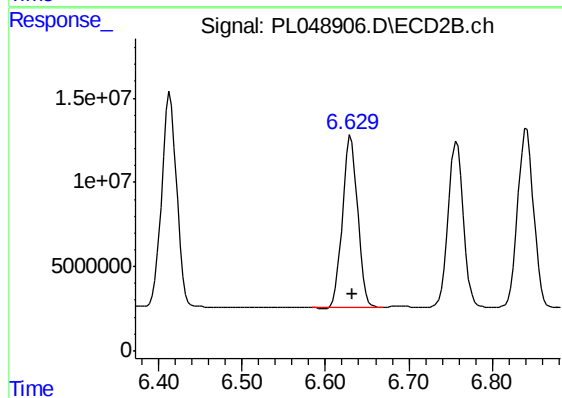
#13 Dielldrin

R.T.: 6.414 min  
Delta R.T.: -0.002 min  
Response: 158546298  
Conc: 54.04 ng/ml



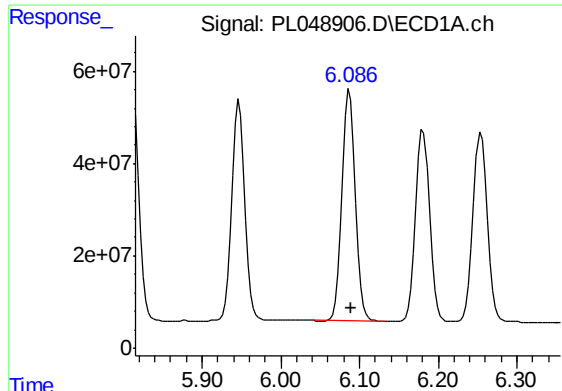
#14 Endrin

R.T.: 5.812 min  
Delta R.T.: -0.002 min  
Response: 621457696  
Conc: 51.05 ng/ml



#14 Endrin

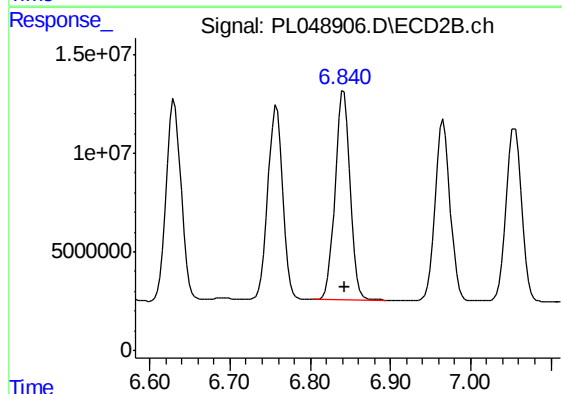
R.T.: 6.631 min  
Delta R.T.: -0.002 min  
Response: 128571955  
Conc: 49.31 ng/ml



#15 Endosulfan II

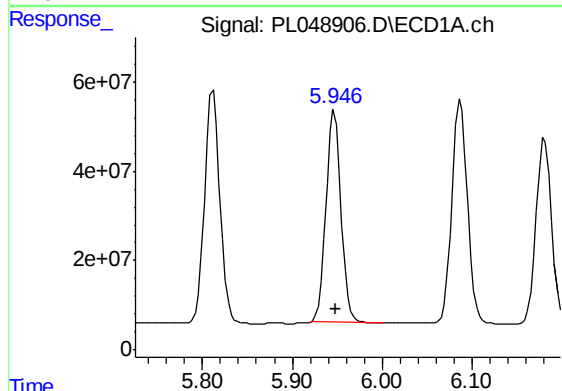
R.T.: 6.087 min  
Delta R.T.: -0.002 min  
Response: 607023324  
Conc: 52.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



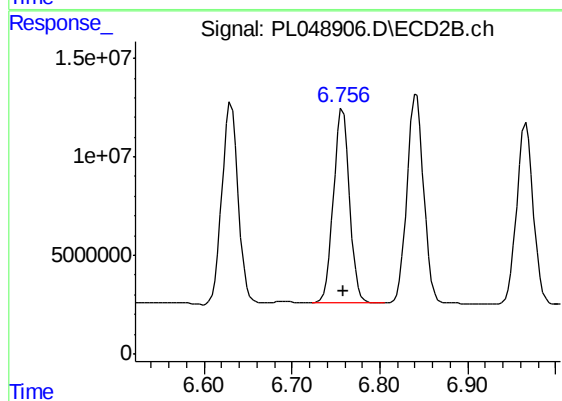
#15 Endosulfan II

R.T.: 6.842 min  
Delta R.T.: -0.001 min  
Response: 139885764  
Conc: 51.87 ng/ml



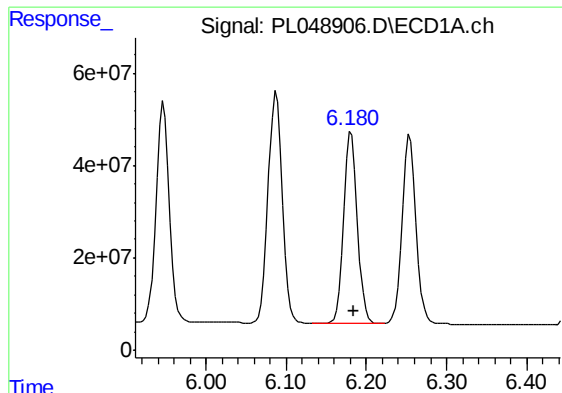
#16 4,4'-DDD

R.T.: 5.947 min  
Delta R.T.: -0.002 min  
Response: 550928051  
Conc: 56.60 ng/ml



#16 4,4'-DDD

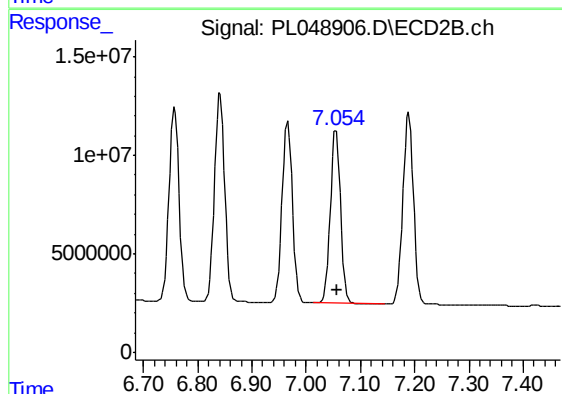
R.T.: 6.758 min  
Delta R.T.: -0.002 min  
Response: 124885126  
Conc: 55.65 ng/ml



#17 4,4'-DDT

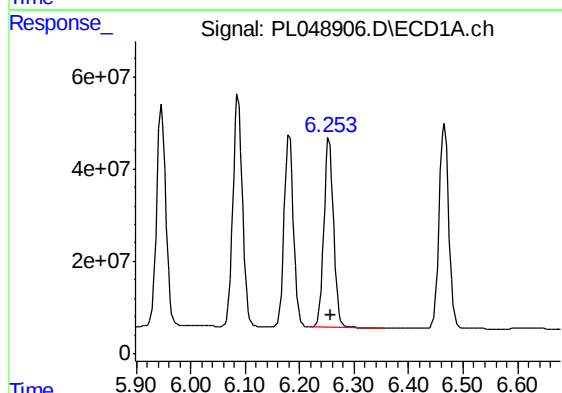
R.T.: 6.181 min  
Delta R.T.: -0.003 min  
Response: 503683063  
Conc: 50.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



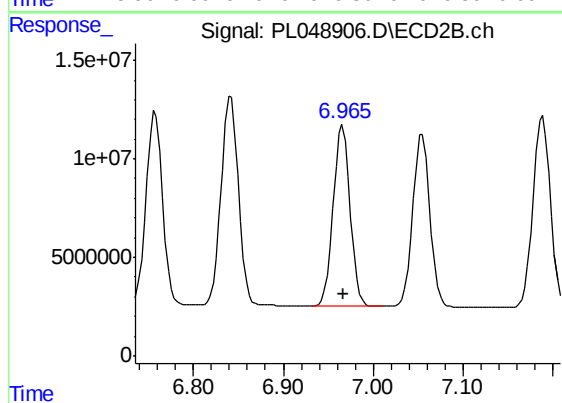
#17 4,4'-DDT

R.T.: 7.055 min  
Delta R.T.: -0.001 min  
Response: 115954943  
Conc: 49.41 ng/ml



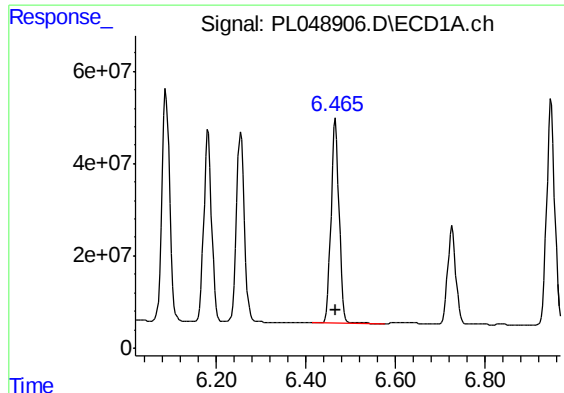
#18 Endrin aldehyde

R.T.: 6.254 min  
Delta R.T.: -0.002 min  
Response: 503137688  
Conc: 51.77 ng/ml



#18 Endrin aldehyde

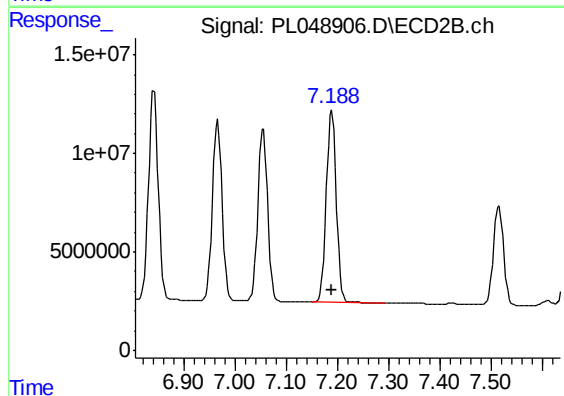
R.T.: 6.966 min  
Delta R.T.: -0.001 min  
Response: 120248758  
Conc: 51.31 ng/ml



#19 Endosulfan Sulfate

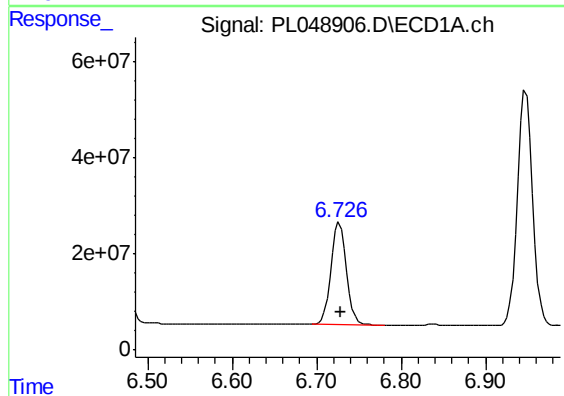
R.T.: 6.466 min  
Delta R.T.: -0.001 min  
Response: 550819093  
Conc: 51.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



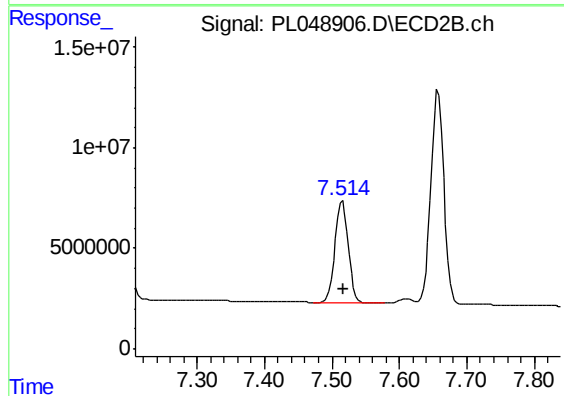
#19 Endosulfan Sulfate

R.T.: 7.189 min  
Delta R.T.: 0.000 min  
Response: 132717003  
Conc: 51.28 ng/ml



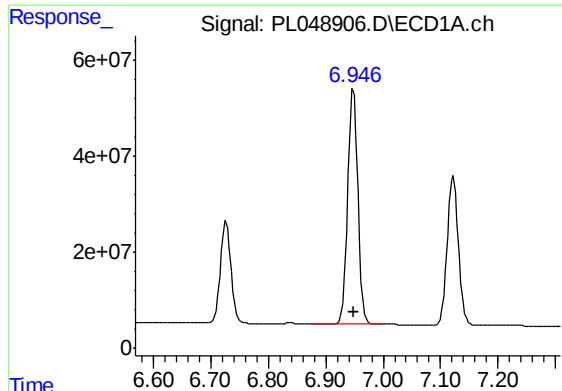
#20 Methoxychlor

R.T.: 6.727 min  
Delta R.T.: -0.002 min  
Response: 268441543  
Conc: 49.30 ng/ml



#20 Methoxychlor

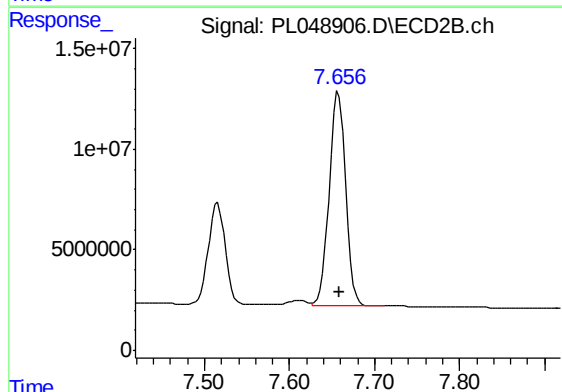
R.T.: 7.516 min  
Delta R.T.: 0.000 min  
Response: 69836025  
Conc: 51.16 ng/ml



#21 Endrin ketone

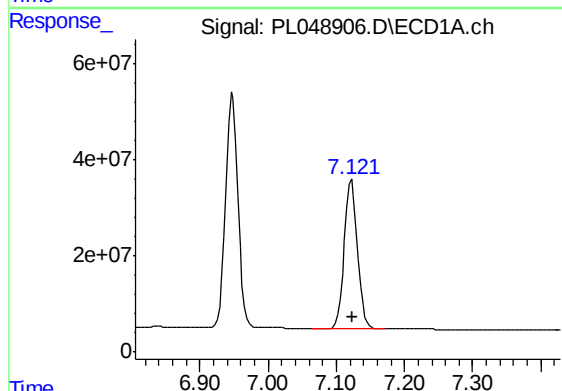
R.T.: 6.948 min  
Delta R.T.: -0.002 min  
Response: 613469780  
Conc: 52.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



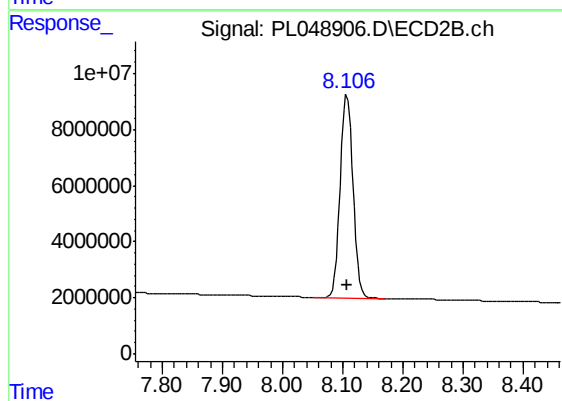
#21 Endrin ketone

R.T.: 7.658 min  
Delta R.T.: 0.000 min  
Response: 144105775  
Conc: 55.15 ng/ml



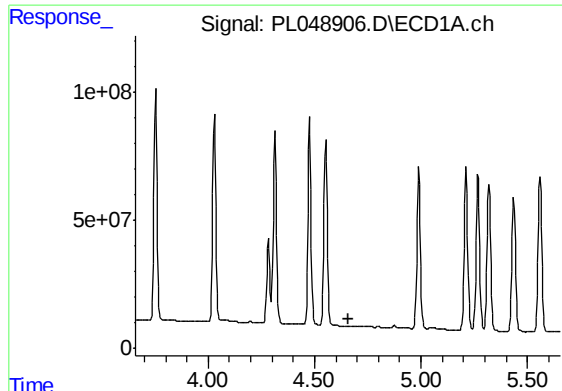
#22 Mirex

R.T.: 7.122 min  
Delta R.T.: -0.002 min  
Response: 418984141  
Conc: 46.74 ng/ml



#22 Mirex

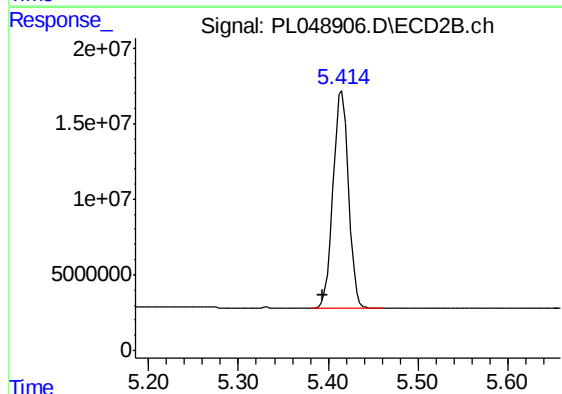
R.T.: 8.107 min  
Delta R.T.: -0.001 min  
Response: 107706789  
Conc: 51.07 ng/ml



#24 Chlordane-2

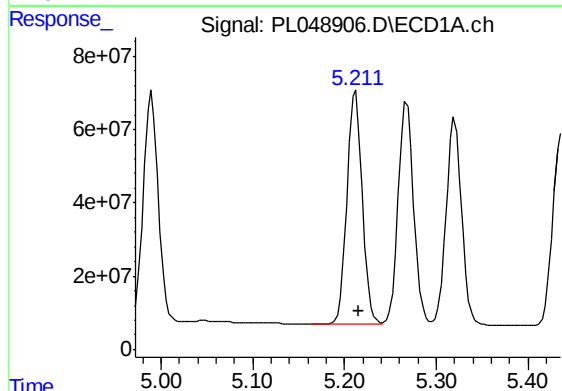
R.T.: 0.000 min  
Exp R.T.: 4.658 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



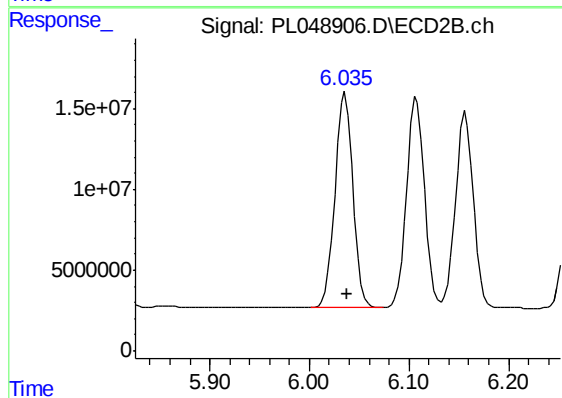
#24 Chlordane-2

R.T.: 5.415 min  
Delta R.T.: 0.022 min  
Response: 171612145  
Conc: 1326.84 ng/ml



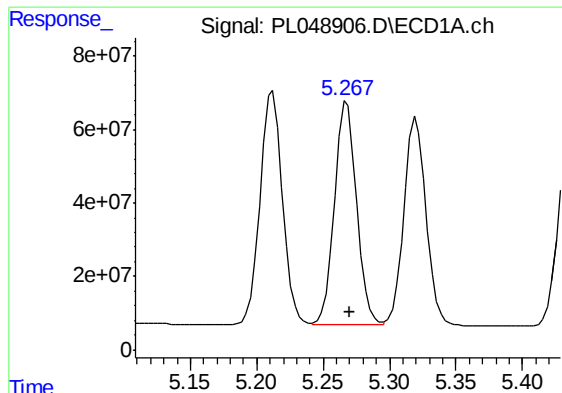
#25 Chlordane-3

R.T.: 5.212 min  
Delta R.T.: -0.003 min  
Response: 731333942  
Conc: 464.47 ng/ml



#25 Chlordane-3

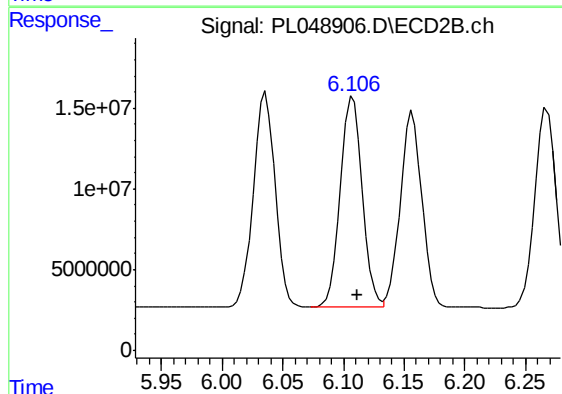
R.T.: 6.036 min  
Delta R.T.: -0.002 min  
Response: 165373540  
Conc: 377.37 ng/ml



#26 Chlordane-4

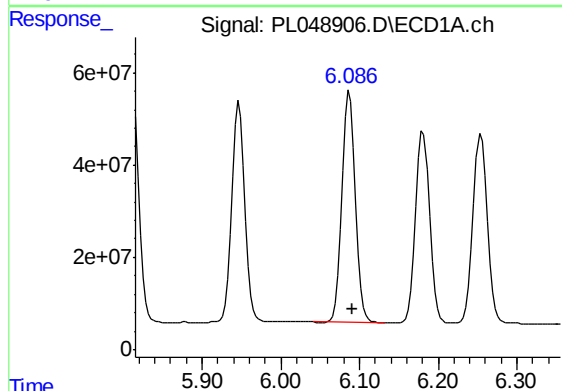
R.T.: 5.268 min  
Delta R.T.: -0.002 min  
Response: 708787430  
Conc: 488.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



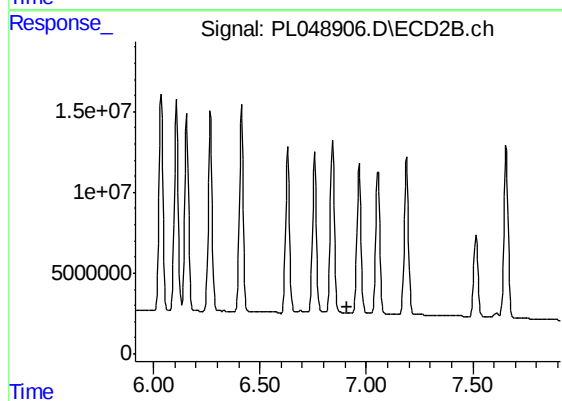
#26 Chlordane-4

R.T.: 6.108 min  
Delta R.T.: -0.004 min  
Response: 163774561  
Conc: 312.19 ng/ml



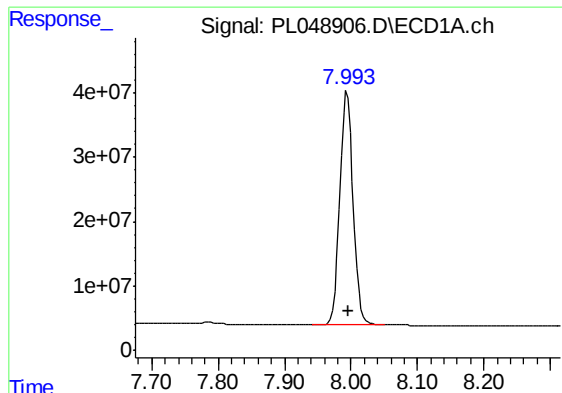
#27 Chlordane-5

R.T.: 6.087 min  
Delta R.T.: -0.004 min  
Response: 607023324  
Conc: 1292.76 ng/ml



#27 Chlordane-5

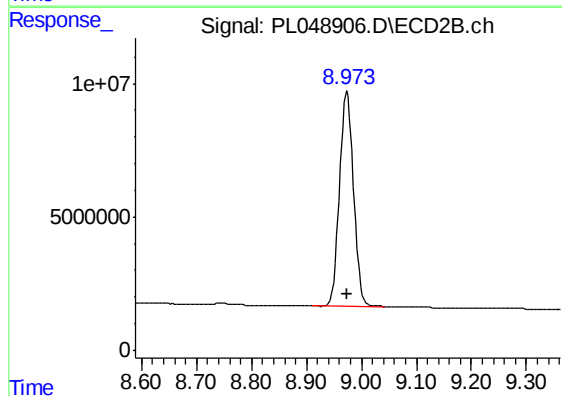
R.T.: 0.000 min  
Exp R.T. : 6.913 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.994 min  
Delta R.T.: -0.002 min  
Response: 506005358  
Conc: 50.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.974 min  
Delta R.T.: 0.000 min  
Response: 142477510  
Conc: 53.68 ng/ml