

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042719\  
 Data File : PL047914.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Apr 2019 06:03  
 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: Apr 27 06:31:52 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 25 01:53:03 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... | 3.330 | 3.944 | 491.2E6 | 130.9E6  | 53.111   | 54.817    |
| 28)                         | SA Decachlor... | 8.005 | 8.987 | 459.8E6 | 127.8E6  | 41.072   | 44.776    |
| Target Compounds            |                 |       |       |         |          |          |           |
| 2)                          | A alpha-BHC     | 3.759 | 4.333 | 790.0E6 | 187.7E6  | 54.039   | 56.555    |
| 3)                          | MA gamma-BHC... | 4.035 | 4.616 | 724.8E6 | 173.7E6  | 54.680   | 55.382    |
| 4)                          | MA Heptachlor   | 4.321 | 5.121 | 730.9E6 | 174.2E6  | 51.295   | 51.819    |
| 5)                          | MB Aldrin       | 4.560 | 5.424 | 726.5E6 | 166.8E6  | 52.173   | 53.432    |
| 6)                          | B beta-BHC      | 4.289 | 4.791 | 294.7E6 | 78122927 | 52.160   | 54.221    |
| 7)                          | B delta-BHC     | 4.484 | 5.005 | 698.0E6 | 152.0E6  | 53.728   | 60.506    |
| 8)                          | B Heptachlor... | 4.997 | 5.811 | 639.2E6 | 152.4E6  | 49.877   | 54.538    |
| 9)                          | A Endosulfan I  | 5.329 | 6.167 | 599.7E6 | 141.8E6  | 49.589   | 50.486    |
| 10)                         | B gamma-Chl...  | 5.220 | 6.045 | 662.3E6 | 155.8E6  | 49.743   | 51.479    |
| 11)                         | B alpha-Chl...  | 5.276 | 6.117 | 643.6E6 | 153.3E6  | 49.324   | 50.668    |
| 12)                         | B 4,4'-DDE      | 5.445 | 6.277 | 633.1E6 | 141.7E6  | 50.900   | 51.324    |
| 13)                         | MA Dieldrin     | 5.568 | 6.423 | 642.4E6 | 147.3E6  | 49.488   | 50.373    |
| 14)                         | MA Endrin       | 5.822 | 6.640 | 540.8E6 | 119.3E6  | 45.510   | 46.707    |
| 15)                         | B Endosulfa...  | 6.096 | 6.851 | 524.6E6 | 126.8E6  | 46.858   | 48.341    |
| 16)                         | A 4,4'-DDD      | 5.956 | 6.767 | 501.2E6 | 118.6E6  | 50.973   | 52.821    |
| 17)                         | MA 4,4'-DDT     | 6.191 | 7.064 | 435.7E6 | 104.4E6  | 43.706   | 43.839    |
| 18)                         | B Endrin al...  | 6.263 | 6.975 | 432.2E6 | 110.9E6  | 45.803   | 48.011    |
| 19)                         | B Endosulfa...  | 6.475 | 7.198 | 515.4E6 | 128.1E6  | 46.235   | 46.779    |
| 20)                         | A Methoxychlor  | 6.736 | 7.524 | 227.7E6 | 60811715 | 42.815   | 43.370    |
| 21)                         | B Endrin ke...  | 6.958 | 7.667 | 561.5E6 | 136.1E6  | 47.348   | 48.400    |
| 22)                         | Mirex           | 7.132 | 8.118 | 398.8E6 | 105.2E6  | 42.483   | 45.224    |
| 23)                         | Chlordane-1     | 0.000 | 5.005 | 0       | 152.0E6  | N.D.     | 593.309 # |
| 24)                         | Chlordane-2     | 0.000 | 5.424 | 0       | 166.8E6  | N.D.     | 535.898 # |
| 25)                         | Chlordane-3     | 5.276 | 6.117 | 643.6E6 | 153.3E6  | 488.191  | 517.477   |
| 26)                         | Chlordane-4     | 5.329 | 6.167 | 599.7E6 | 141.8E6  | 488.054  | 514.765   |
| 27)                         | Chlordane-5     | 6.096 | 6.975 | 524.6E6 | 110.9E6  | 1237.424 | 492.203 # |
| -----                       |                 |       |       |         |          |          |           |

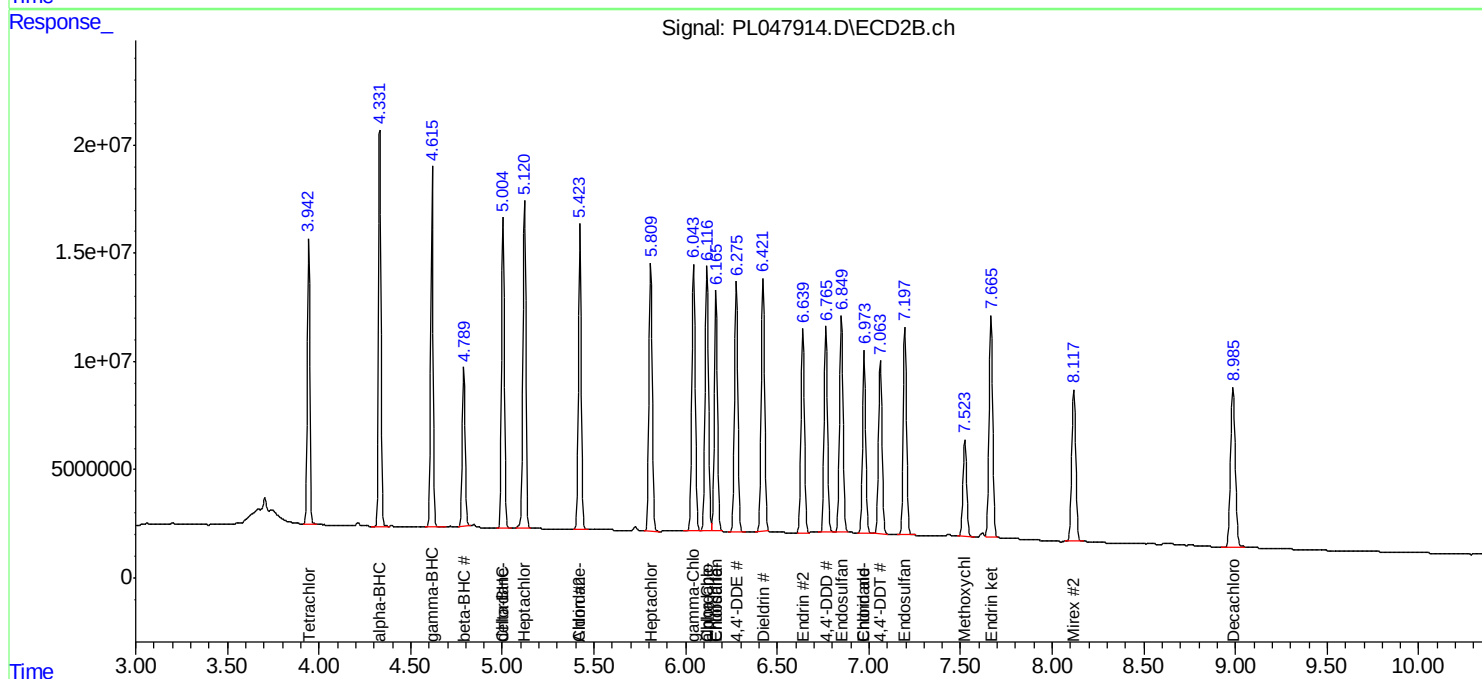
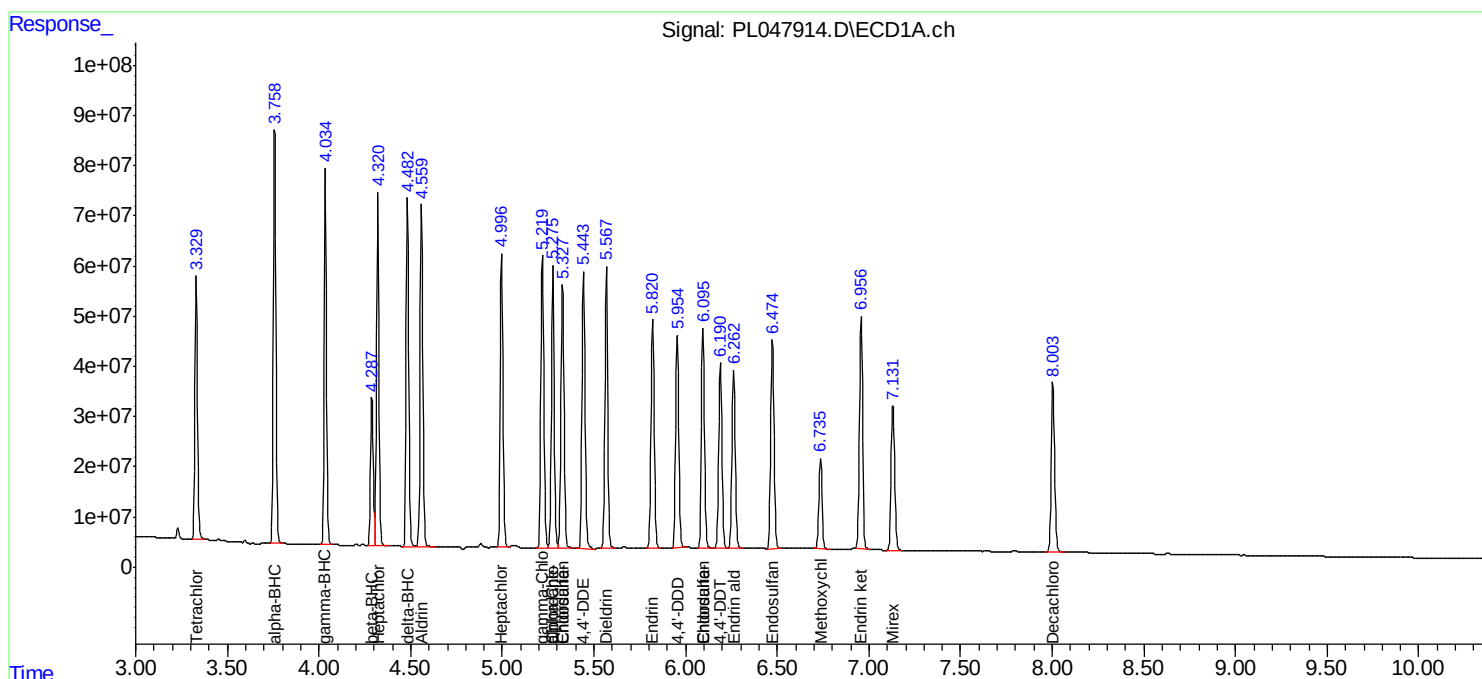
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

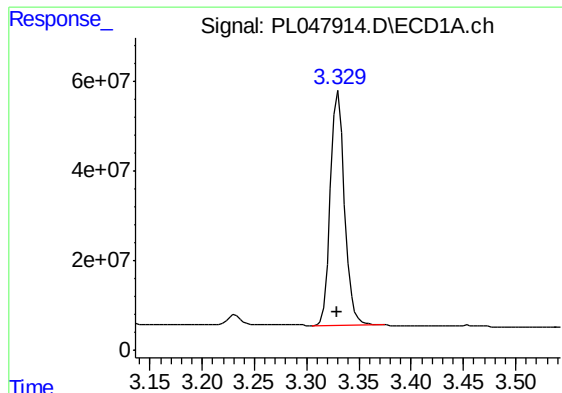
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042719\  
Data File : PL047914.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Apr 2019 06:03  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 27 06:31:52 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
Quant Title : GC Extractables  
QLast Update : Thu Apr 25 01:53:03 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

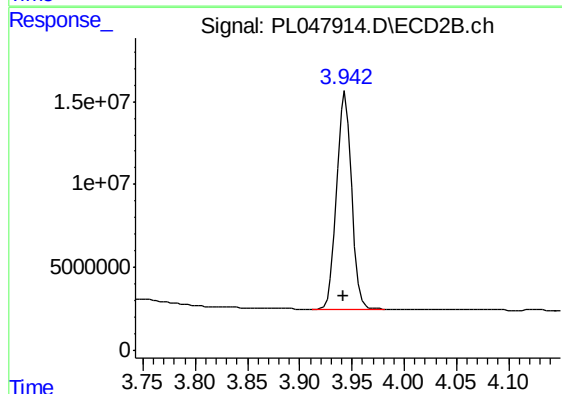




#1 Tetrachloro-m-xylene

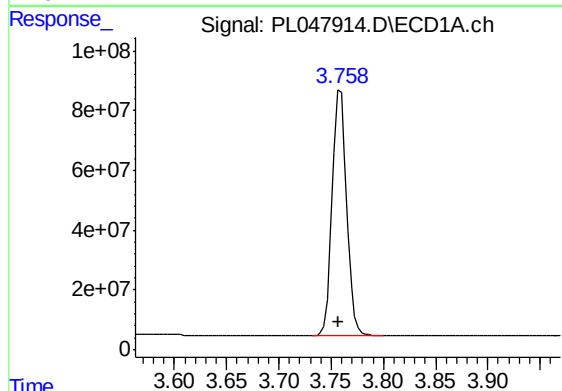
R.T.: 3.330 min  
Delta R.T.: 0.001 min  
Response: 491182109  
Conc: 53.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



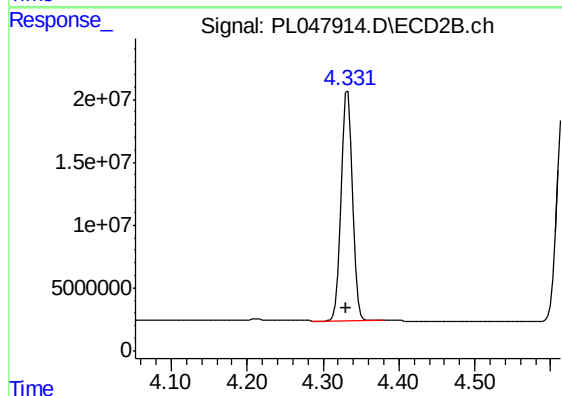
#1 Tetrachloro-m-xylene

R.T.: 3.944 min  
Delta R.T.: 0.002 min  
Response: 130862778  
Conc: 54.82 ng/ml



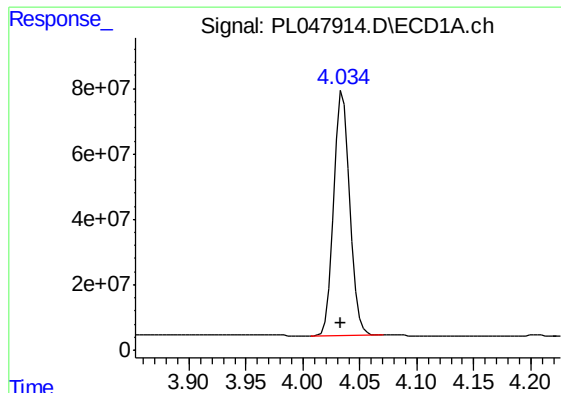
#2 alpha-BHC

R.T.: 3.759 min  
Delta R.T.: 0.002 min  
Response: 789966921  
Conc: 54.04 ng/ml



#2 alpha-BHC

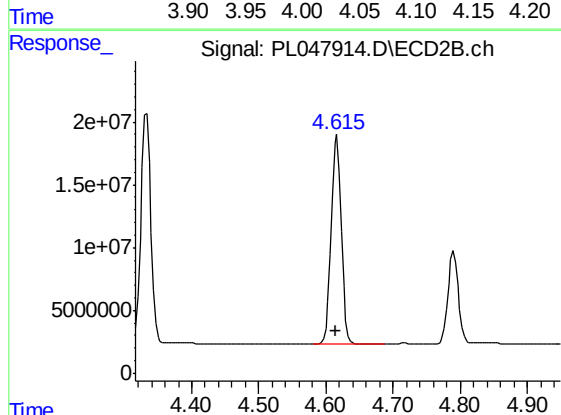
R.T.: 4.333 min  
Delta R.T.: 0.003 min  
Response: 187690279  
Conc: 56.56 ng/ml



#3 gamma-BHC (Lindane)

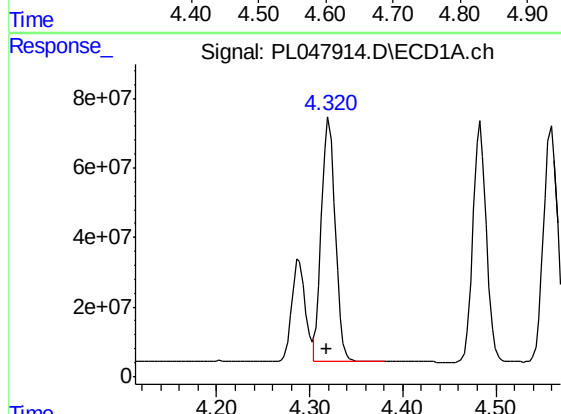
R.T.: 4.035 min  
Delta R.T.: 0.002 min  
Response: 724770603  
Conc: 54.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



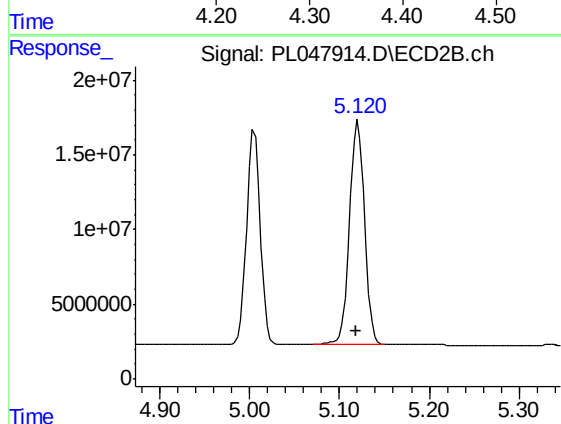
#3 gamma-BHC (Lindane)

R.T.: 4.616 min  
Delta R.T.: 0.003 min  
Response: 173704419  
Conc: 55.38 ng/ml



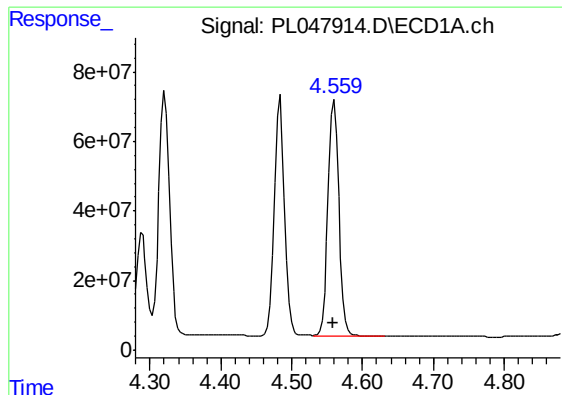
#4 Heptachlor

R.T.: 4.321 min  
Delta R.T.: 0.002 min  
Response: 730854644  
Conc: 51.29 ng/ml



#4 Heptachlor

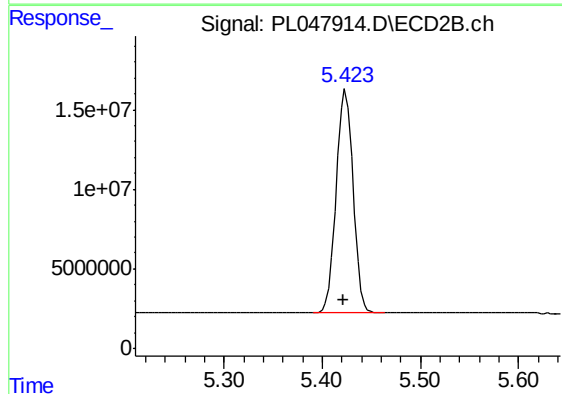
R.T.: 5.121 min  
Delta R.T.: 0.003 min  
Response: 174152942  
Conc: 51.82 ng/ml



#5 Aldrin

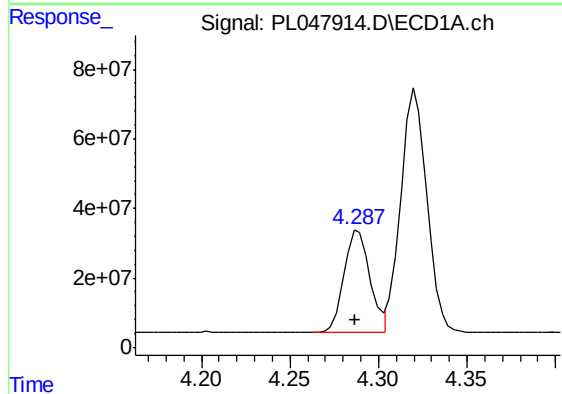
R.T.: 4.560 min  
Delta R.T.: 0.002 min  
Response: 726545450  
Conc: 52.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



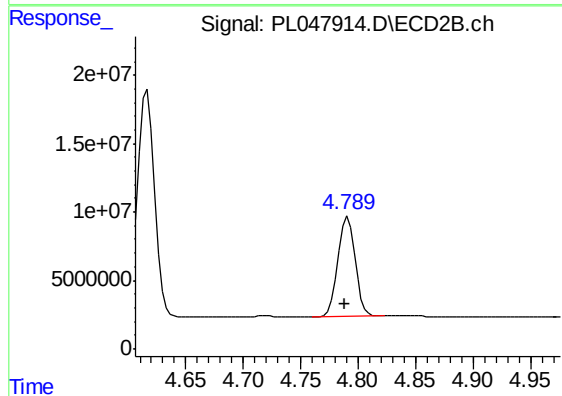
#5 Aldrin

R.T.: 5.424 min  
Delta R.T.: 0.003 min  
Response: 166760192  
Conc: 53.43 ng/ml



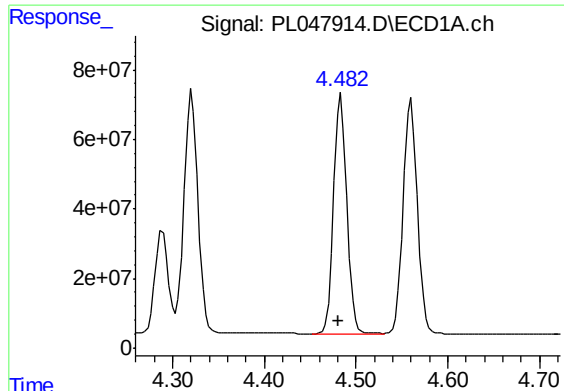
#6 beta-BHC

R.T.: 4.289 min  
Delta R.T.: 0.002 min  
Response: 294706015  
Conc: 52.16 ng/ml



#6 beta-BHC

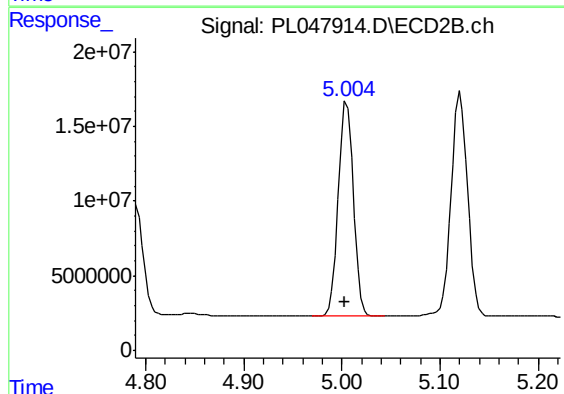
R.T.: 4.791 min  
Delta R.T.: 0.003 min  
Response: 78122927  
Conc: 54.22 ng/ml



#7 delta-BHC

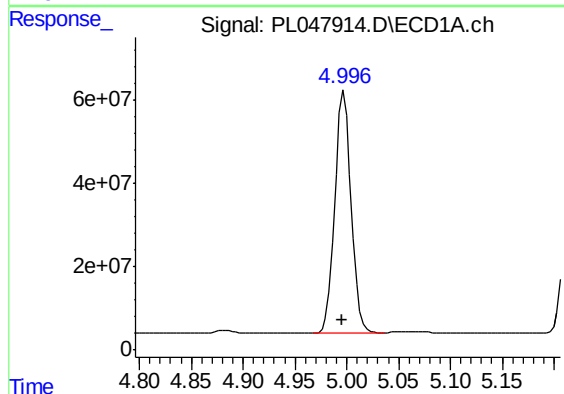
R.T.: 4.484 min  
Delta R.T.: 0.002 min  
Response: 697957030  
Conc: 53.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



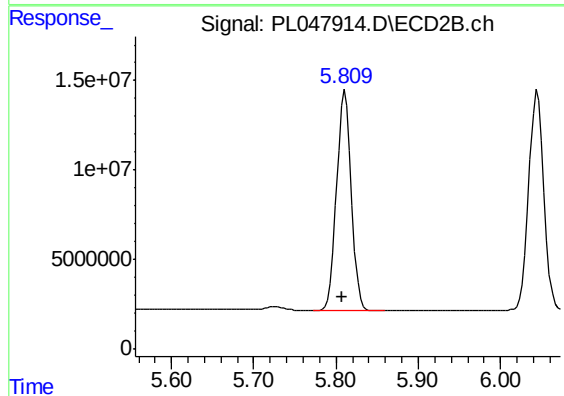
#7 delta-BHC

R.T.: 5.005 min  
Delta R.T.: 0.003 min  
Response: 152008200  
Conc: 60.51 ng/ml



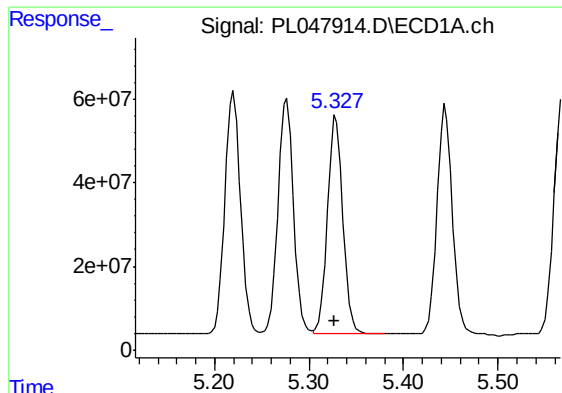
#8 Heptachlor epoxide

R.T.: 4.997 min  
Delta R.T.: 0.002 min  
Response: 639175003  
Conc: 49.88 ng/ml



#8 Heptachlor epoxide

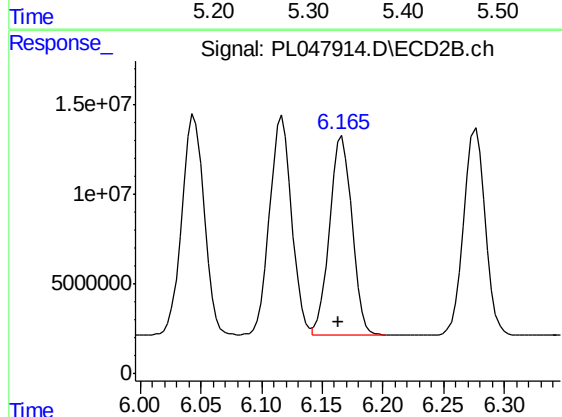
R.T.: 5.811 min  
Delta R.T.: 0.003 min  
Response: 152419472  
Conc: 54.54 ng/ml



#9 Endosulfan I

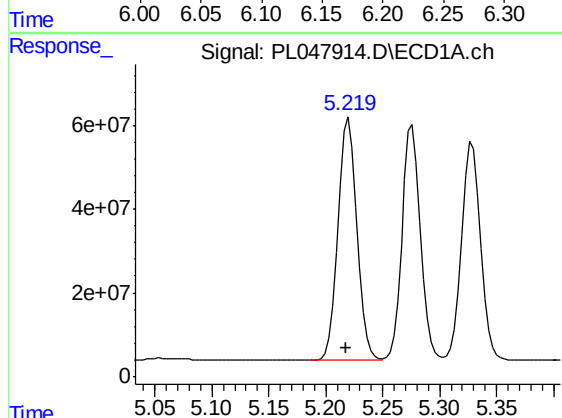
R.T.: 5.329 min  
Delta R.T.: 0.002 min  
Response: 599691203  
Conc: 49.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



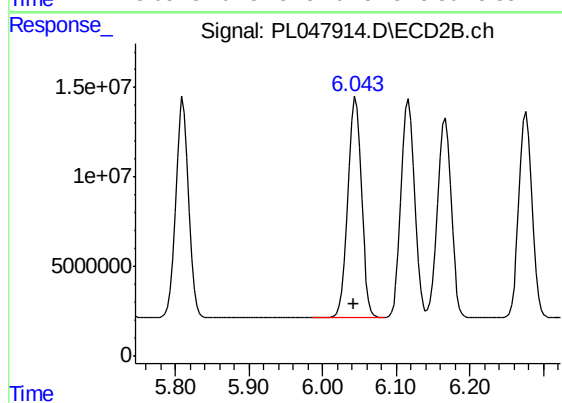
#9 Endosulfan I

R.T.: 6.167 min  
Delta R.T.: 0.003 min  
Response: 141764679  
Conc: 50.49 ng/ml



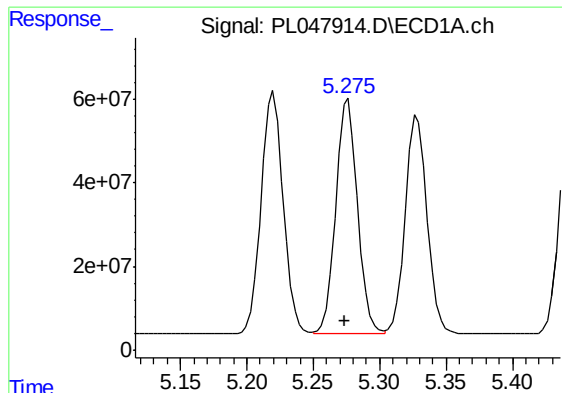
#10 gamma-Chlordane

R.T.: 5.220 min  
Delta R.T.: 0.002 min  
Response: 662250804  
Conc: 49.74 ng/ml



#10 gamma-Chlordane

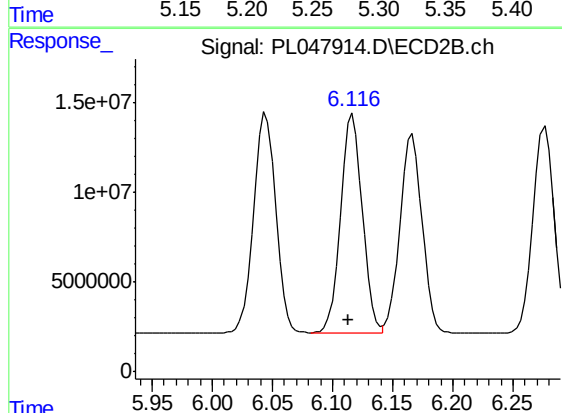
R.T.: 6.045 min  
Delta R.T.: 0.003 min  
Response: 155793419  
Conc: 51.48 ng/ml



#11 alpha-Chlordane

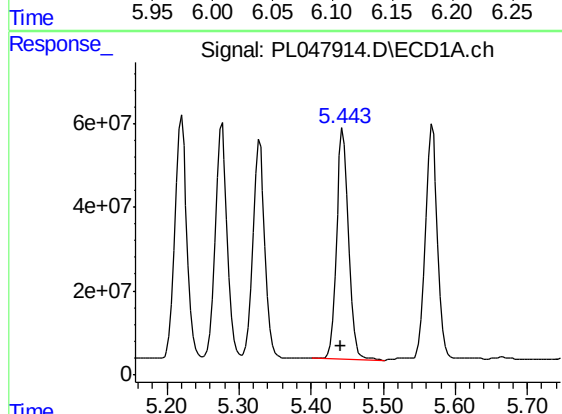
R.T.: 5.276 min  
Delta R.T.: 0.002 min  
Response: 643618121  
Conc: 49.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



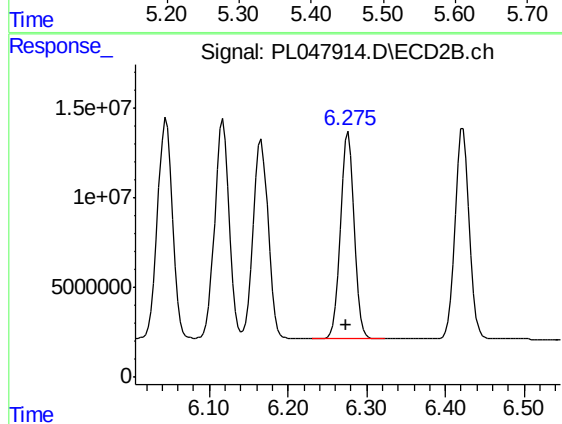
#11 alpha-Chlordane

R.T.: 6.117 min  
Delta R.T.: 0.003 min  
Response: 153290322  
Conc: 50.67 ng/ml



#12 4,4'-DDE

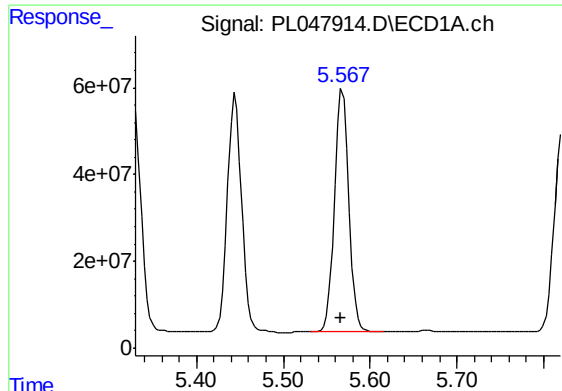
R.T.: 5.445 min  
Delta R.T.: 0.002 min  
Response: 633142283  
Conc: 50.90 ng/ml



#12 4,4'-DDE

R.T.: 6.277 min  
Delta R.T.: 0.004 min  
Response: 141725266  
Conc: 51.32 ng/ml

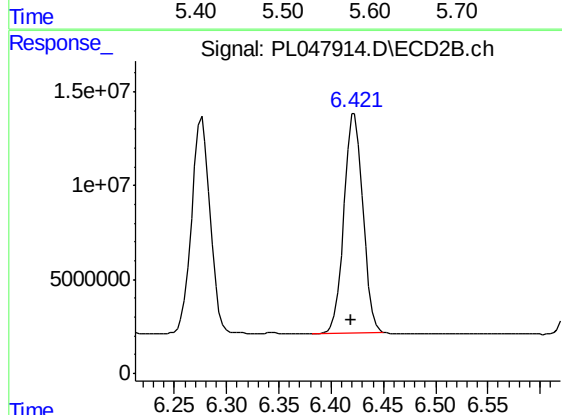




#13 Dieldrin

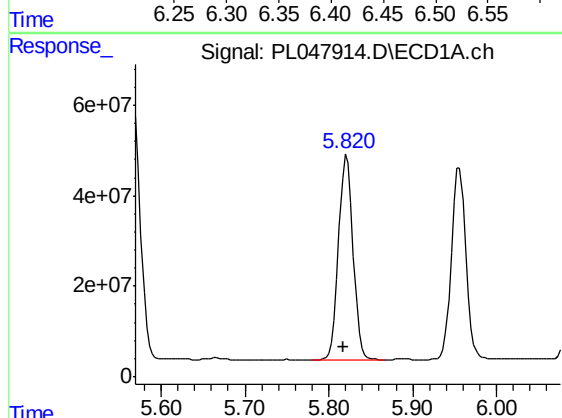
R.T.: 5.568 min  
Delta R.T.: 0.003 min  
Response: 642442787  
Conc: 49.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



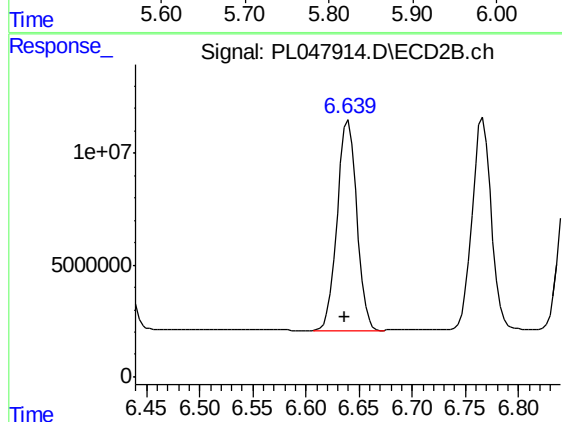
#13 Dieldrin

R.T.: 6.423 min  
Delta R.T.: 0.003 min  
Response: 147259417  
Conc: 50.37 ng/ml



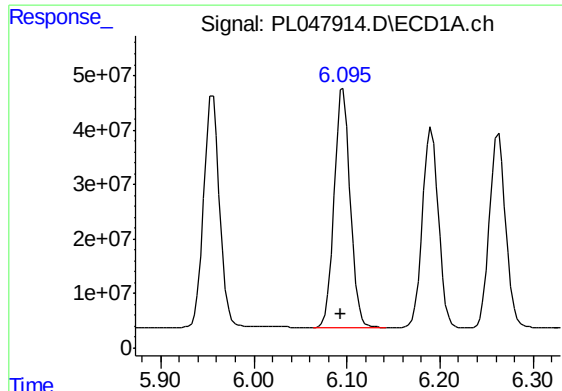
#14 Endrin

R.T.: 5.822 min  
Delta R.T.: 0.003 min  
Response: 540830749  
Conc: 45.51 ng/ml



#14 Endrin

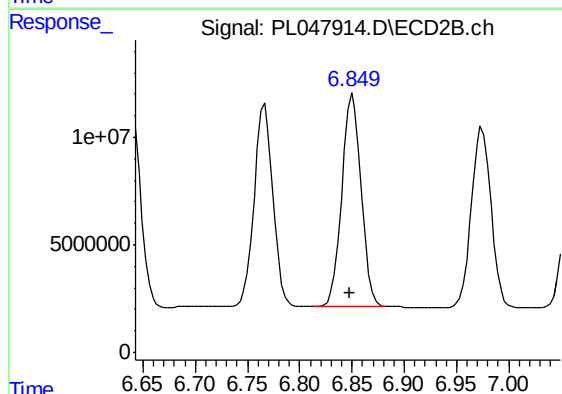
R.T.: 6.640 min  
Delta R.T.: 0.003 min  
Response: 119306223  
Conc: 46.71 ng/ml



#15 Endosulfan II

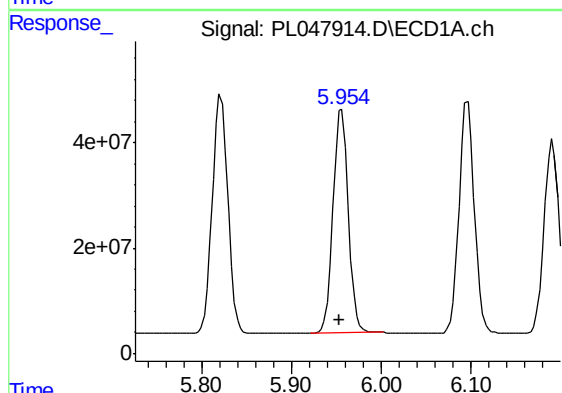
R.T.: 6.096 min  
Delta R.T.: 0.003 min  
Response: 524636051  
Conc: 46.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



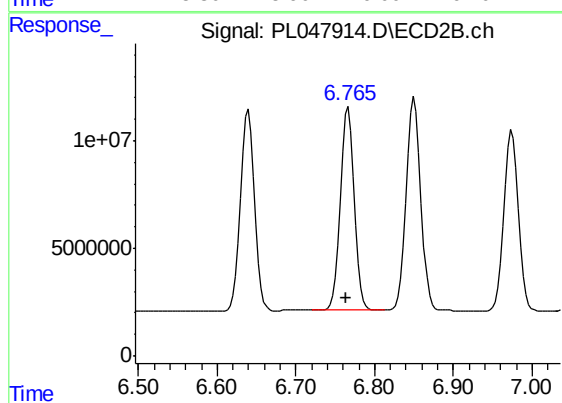
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: 0.003 min  
Response: 126828221  
Conc: 48.34 ng/ml



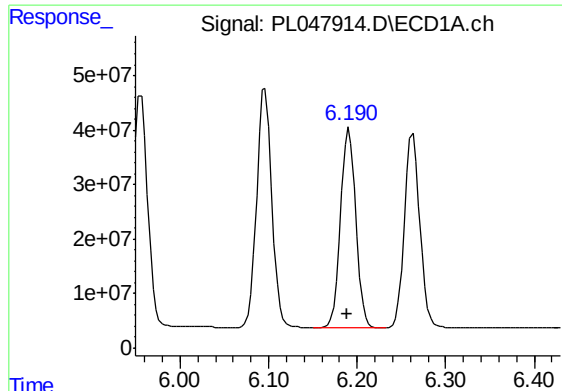
#16 4,4'-DDD

R.T.: 5.956 min  
Delta R.T.: 0.002 min  
Response: 501222261  
Conc: 50.97 ng/ml



#16 4,4'-DDD

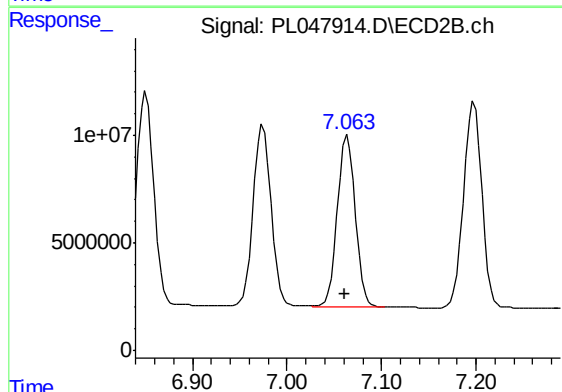
R.T.: 6.767 min  
Delta R.T.: 0.003 min  
Response: 118587382  
Conc: 52.82 ng/ml



#17 4,4'-DDT

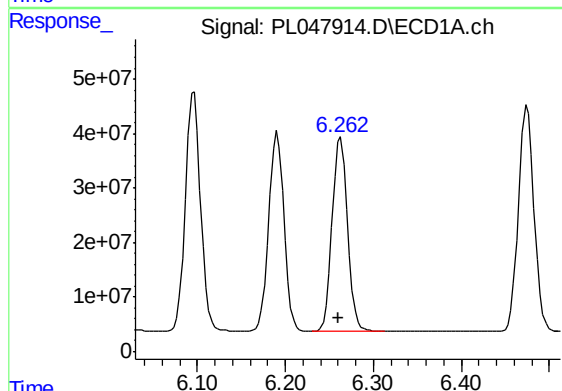
R.T.: 6.191 min  
Delta R.T.: 0.003 min  
Response: 435739293  
Conc: 43.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



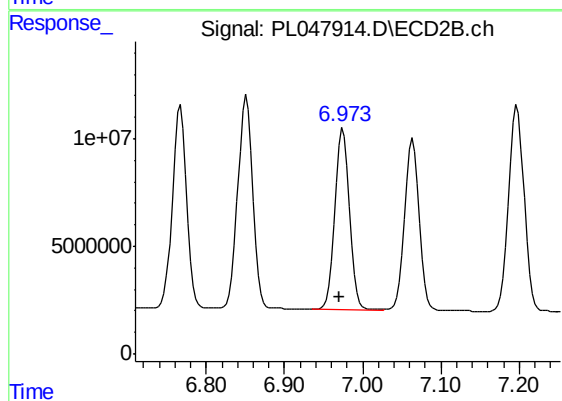
#17 4,4'-DDT

R.T.: 7.064 min  
Delta R.T.: 0.003 min  
Response: 104433738  
Conc: 43.84 ng/ml



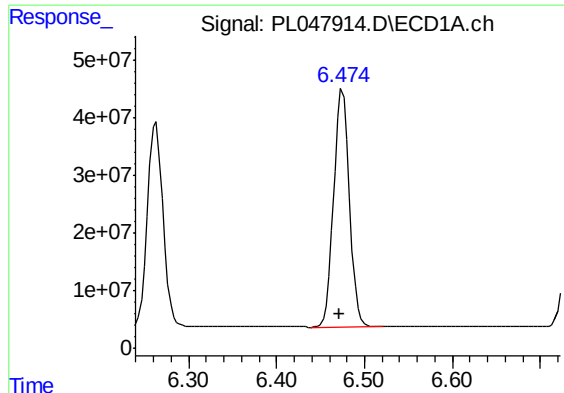
#18 Endrin aldehyde

R.T.: 6.263 min  
Delta R.T.: 0.003 min  
Response: 432160821  
Conc: 45.80 ng/ml



#18 Endrin aldehyde

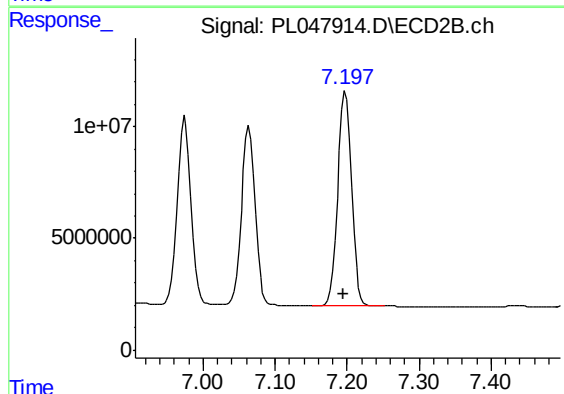
R.T.: 6.975 min  
Delta R.T.: 0.004 min  
Response: 110920891  
Conc: 48.01 ng/ml



#19 Endosulfan Sulfate

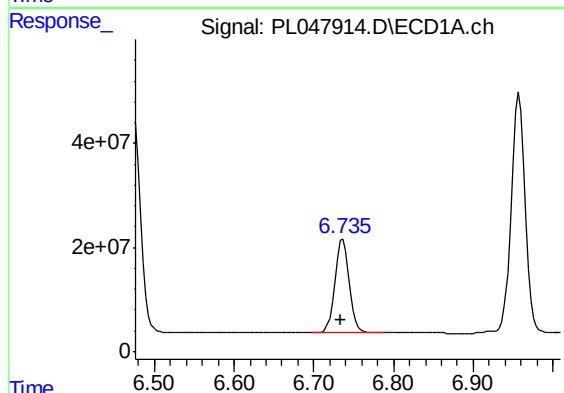
R.T.: 6.475 min  
Delta R.T.: 0.003 min  
Response: 515355343  
Conc: 46.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



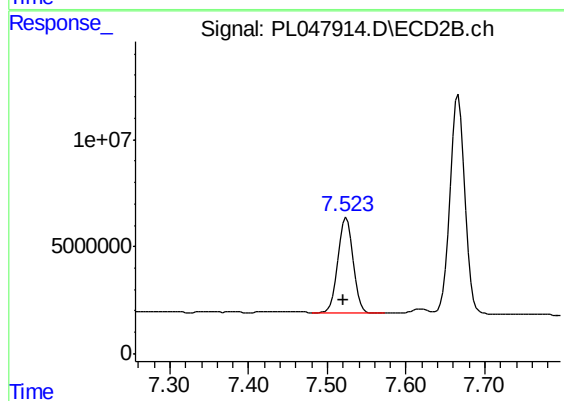
#19 Endosulfan Sulfate

R.T.: 7.198 min  
Delta R.T.: 0.004 min  
Response: 128101747  
Conc: 46.78 ng/ml



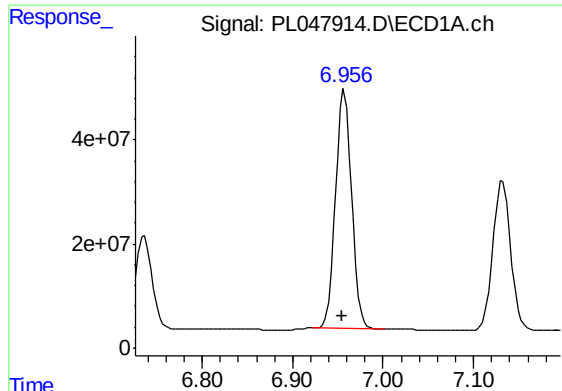
#20 Methoxychlor

R.T.: 6.736 min  
Delta R.T.: 0.003 min  
Response: 227716921  
Conc: 42.81 ng/ml



#20 Methoxychlor

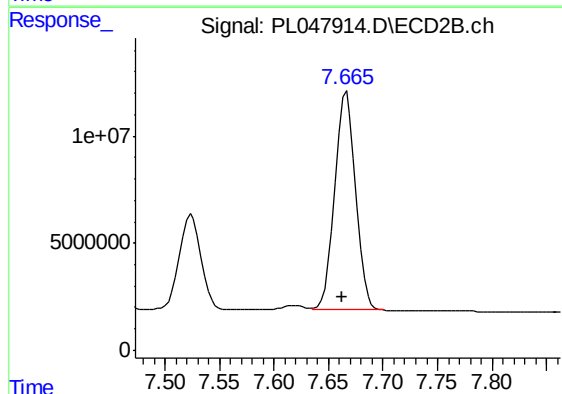
R.T.: 7.524 min  
Delta R.T.: 0.003 min  
Response: 60811715  
Conc: 43.37 ng/ml



#21 Endrin ketone

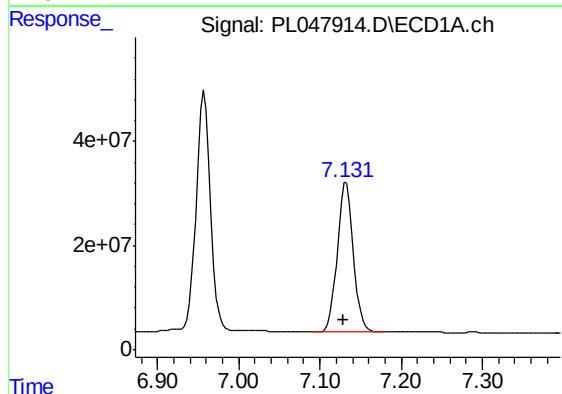
R.T.: 6.958 min  
Delta R.T.: 0.003 min  
Response: 561475473  
Conc: 47.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



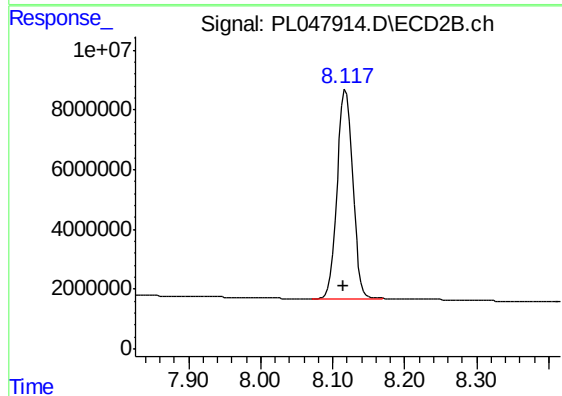
#21 Endrin ketone

R.T.: 7.667 min  
Delta R.T.: 0.004 min  
Response: 136086249  
Conc: 48.40 ng/ml



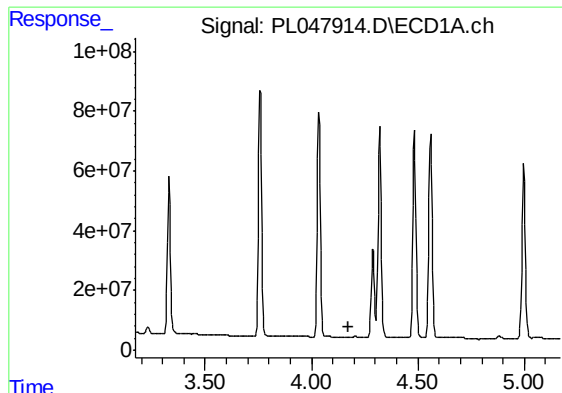
#22 Mirex

R.T.: 7.132 min  
Delta R.T.: 0.003 min  
Response: 398769648  
Conc: 42.48 ng/ml



#22 Mirex

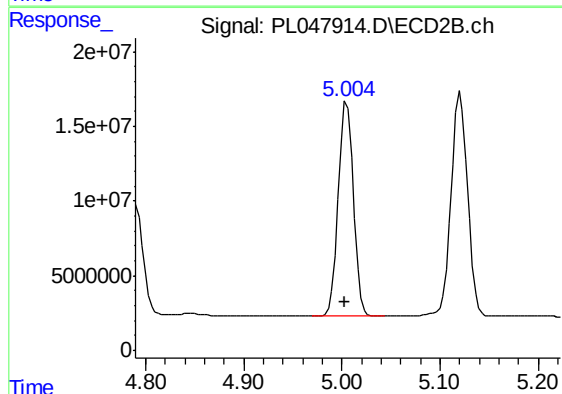
R.T.: 8.118 min  
Delta R.T.: 0.004 min  
Response: 105230267  
Conc: 45.22 ng/ml



#23 Chlordane-1

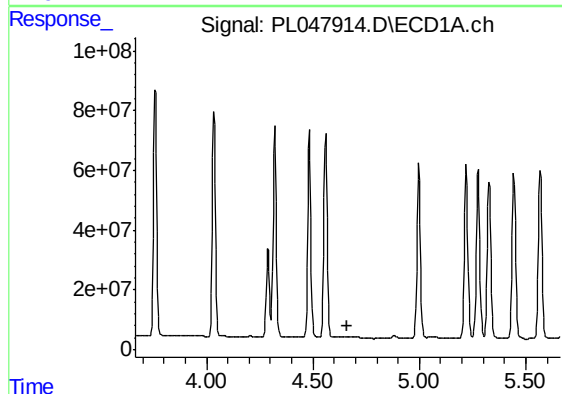
R.T.: 0.000 min  
Exp R.T. : 4.172 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



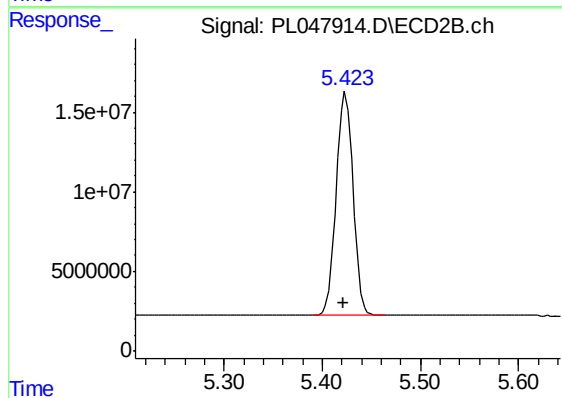
#23 Chlordane-1

R.T.: 5.005 min  
Delta R.T.: 0.002 min  
Response: 152008200  
Conc: 593.31 ng/ml



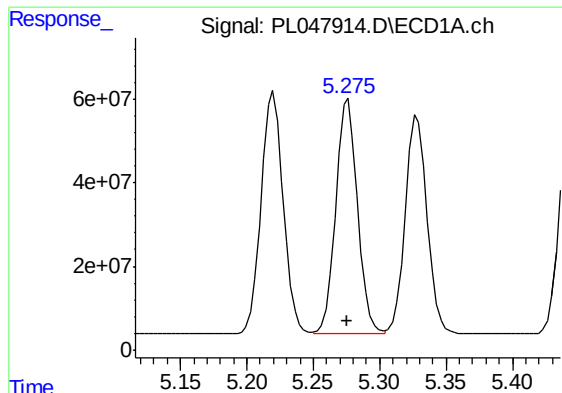
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.663 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

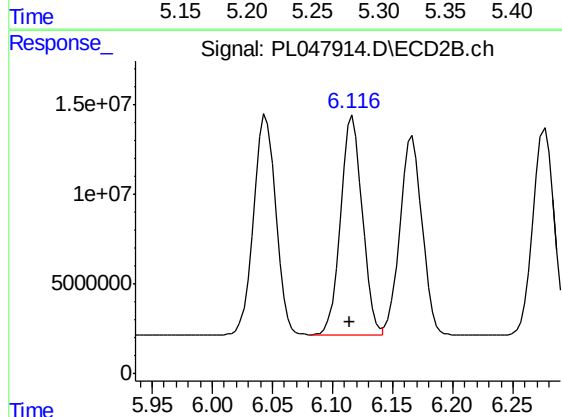
R.T.: 5.424 min  
Delta R.T.: 0.002 min  
Response: 166760192  
Conc: 535.90 ng/ml



#25 Chlordane-3

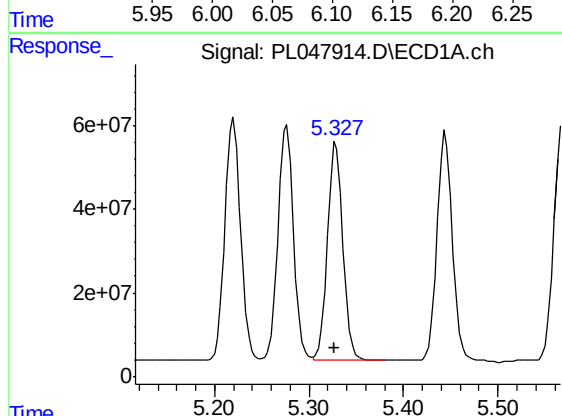
R.T.: 5.276 min  
Delta R.T.: 0.000 min  
Response: 643618121  
Conc: 488.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



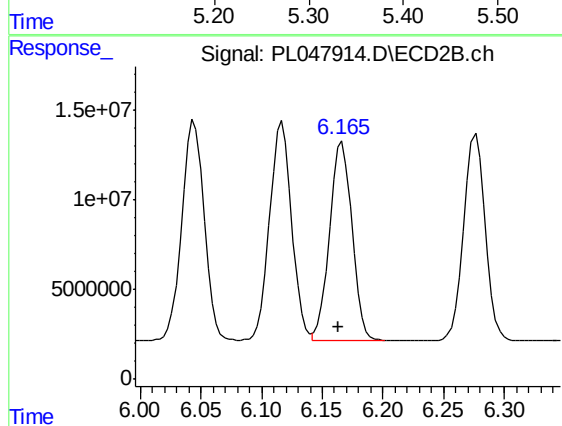
#25 Chlordane-3

R.T.: 6.117 min  
Delta R.T.: 0.003 min  
Response: 153290322  
Conc: 517.48 ng/ml



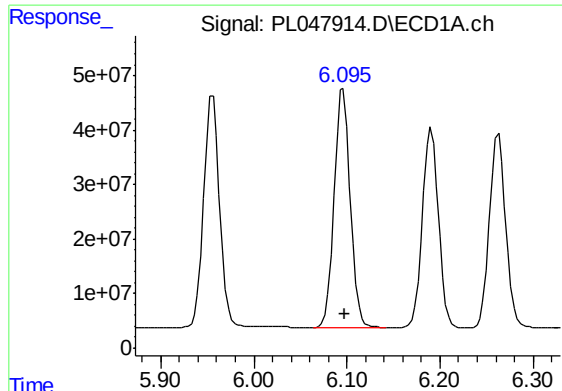
#26 Chlordane-4

R.T.: 5.329 min  
Delta R.T.: 0.001 min  
Response: 599691203  
Conc: 488.05 ng/ml



#26 Chlordane-4

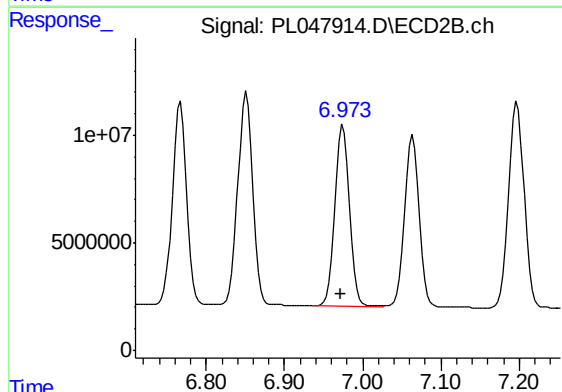
R.T.: 6.167 min  
Delta R.T.: 0.003 min  
Response: 141764679  
Conc: 514.76 ng/ml



#27 Chlordane-5

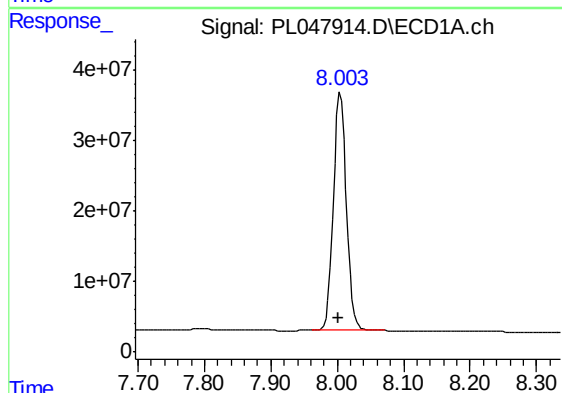
R.T.: 6.096 min  
Delta R.T.: -0.002 min  
Response: 524636051  
Conc: 1237.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



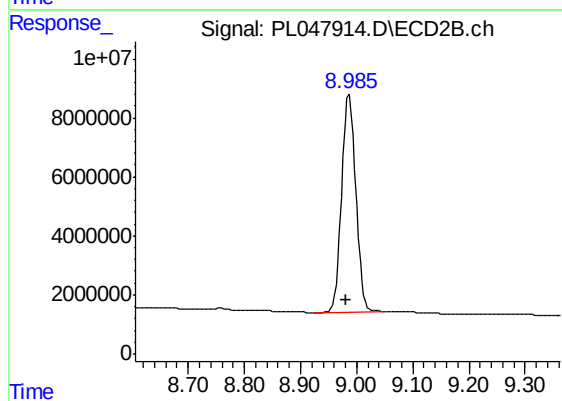
#27 Chlordane-5

R.T.: 6.975 min  
Delta R.T.: 0.002 min  
Response: 110920891  
Conc: 492.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.005 min  
Delta R.T.: 0.003 min  
Response: 459774528  
Conc: 41.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.987 min  
Delta R.T.: 0.005 min  
Response: 127818715  
Conc: 44.78 ng/ml