

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041719\  
 Data File : PL047549.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Apr 2019 03:18  
 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 18 05:28:08 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 22 13:40:08 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... | 3.357  | 3.975  | 377.4E6 | 124.5E6  | 51.878   | 54.388     |
| 28)                         | SA Decachlor... | 8.031  | 9.025  | 385.6E6 | 117.1E6  | 45.841   | 50.490     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.785  | 4.365  | 625.2E6 | 178.6E6  | 53.614   | 55.567     |
| 3)                          | MA gamma-BHC... | 4.062  | 4.649  | 558.4E6 | 164.1E6  | 51.967   | 54.842     |
| 4)                          | MA Heptachlor   | 4.349  | 5.154  | 570.5E6 | 161.6E6  | 51.744   | 52.546     |
| 5)                          | MB Aldrin       | 4.589  | 5.458  | 541.7E6 | 153.2E6  | 52.515   | 53.463     |
| 6)                          | B beta-BHC      | 4.315  | 4.822  | 229.1E6 | 70935302 | 50.878   | 53.508     |
| 7)                          | B delta-BHC     | 4.510  | 5.037  | 540.9E6 | 136.2E6  | 53.437   | 58.697     |
| 8)                          | B Heptachlor... | 5.026  | 5.844  | 499.8E6 | 137.3E6  | 51.247   | 52.064     |
| 9)                          | A Endosulfan I  | 5.358  | 6.201  | 476.5E6 | 135.1E6  | 50.674   | 51.752     |
| 10)                         | B gamma-Chl...  | 5.249  | 6.078  | 524.2E6 | 147.8E6  | 51.031   | 52.086     |
| 11)                         | B alpha-Chl...  | 5.305  | 6.150  | 512.4E6 | 146.6E6  | 50.534   | 51.695     |
| 12)                         | B 4,4'-DDE      | 5.472  | 6.309  | 375.3E6 | 128.4E6  | 40.766   | 51.733 #   |
| 13)                         | MA Dieldrin     | 5.596  | 6.457  | 502.9E6 | 137.6E6  | 50.111   | 50.775     |
| 14)                         | MA Endrin       | 5.850  | 6.675  | 411.3E6 | 112.0E6  | 43.671   | 46.877     |
| 15)                         | B Endosulfa...  | 6.124  | 6.885  | 435.6E6 | 122.0E6  | 48.614   | 50.579     |
| 16)                         | A 4,4'-DDD      | 5.983  | 6.799  | 380.5E6 | 104.9E6  | 50.343   | 52.147     |
| 17)                         | MA 4,4'-DDT     | 6.218  | 7.097  | 352.8E6 | 97811261 | 46.576   | 46.644     |
| 18)                         | B Endrin al...  | 6.291  | 7.009  | 370.7E6 | 108.4E6  | 49.453   | 51.014     |
| 19)                         | B Endosulfa...  | 6.503  | 7.232  | 393.1E6 | 113.9E6  | 47.868   | 48.276     |
| 20)                         | A Methoxychlor  | 6.762  | 7.555  | 179.3E6 | 58043054 | 42.178   | 45.532     |
| 21)                         | B Endrin ke...  | 6.985  | 7.701  | 449.9E6 | 128.3E6  | 48.654   | 51.646     |
| 22)                         | Mirex           | 7.162  | 8.152  | 332.8E6 | 99014235 | 45.673   | 49.503     |
| 24)                         | Chlordane-2     | 0.000  | 5.458f | 0       | 153.2E6  | N.D.     | 1311.290 # |
| 25)                         | Chlordane-3     | 5.249  | 6.078  | 524.2E6 | 147.8E6  | 470.714  | 387.722    |
| 26)                         | Chlordane-4     | 5.305  | 6.150  | 512.4E6 | 146.6E6  | 495.492  | 317.800 #  |
| 27)                         | Chlordane-5     | 6.124f | 0.000  | 435.6E6 | 0        | 1276.306 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

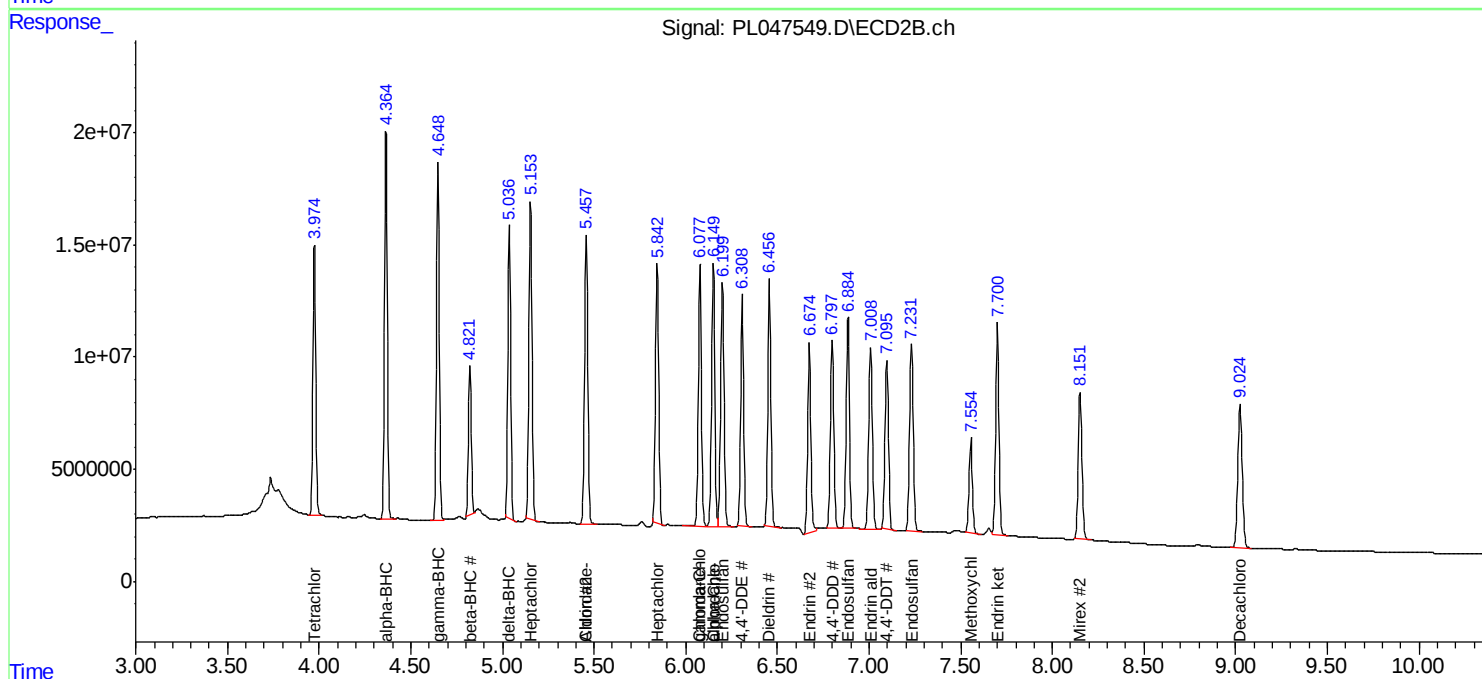
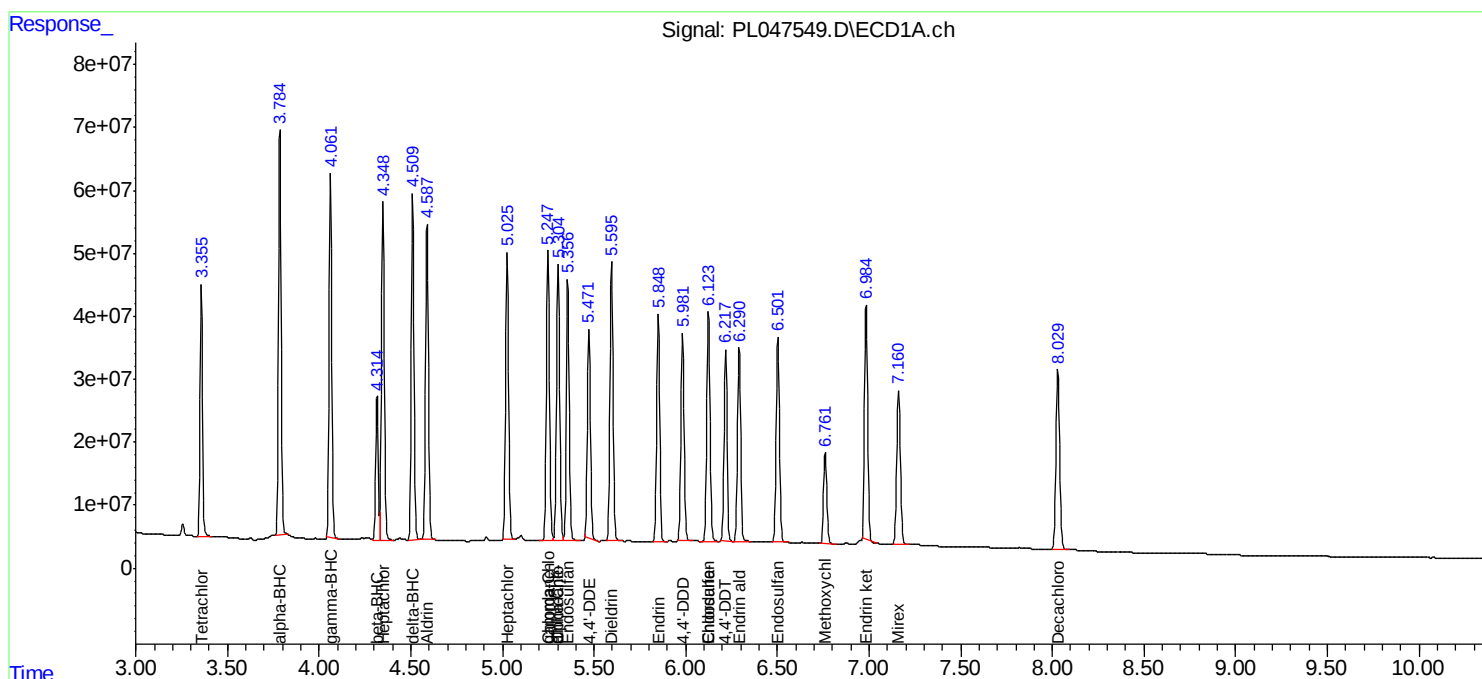
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

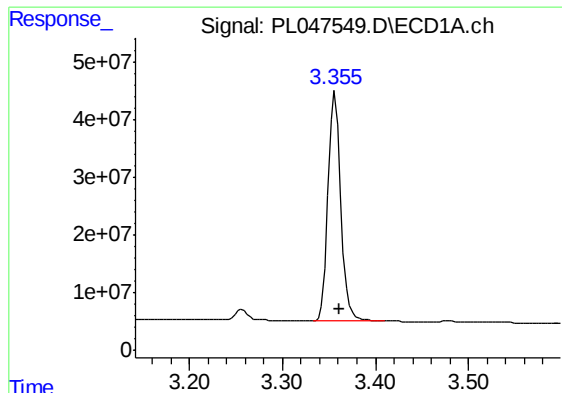
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041719\  
Data File : PL047549.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Apr 2019 03:18  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 18 05:28:08 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 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

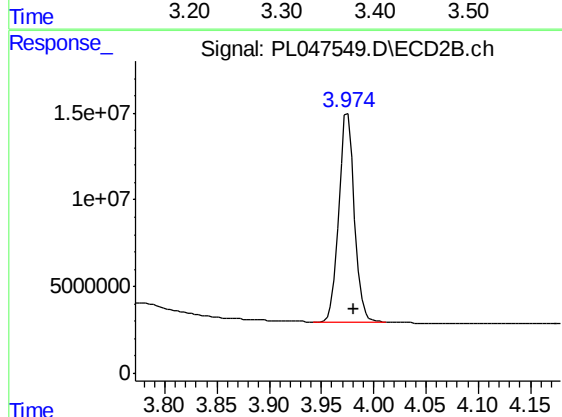




#1 Tetrachloro-m-xylene

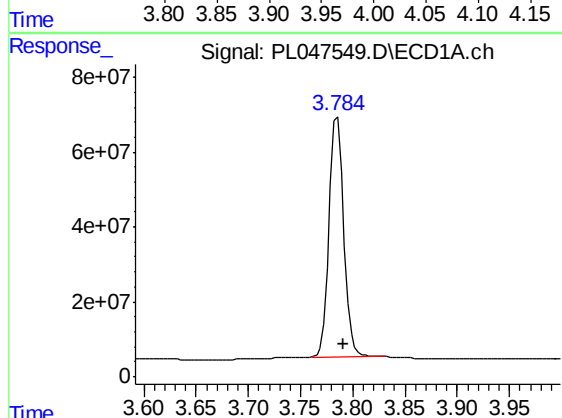
R.T.: 3.357 min  
Delta R.T.: -0.004 min  
Response: 377392456  
Conc: 51.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



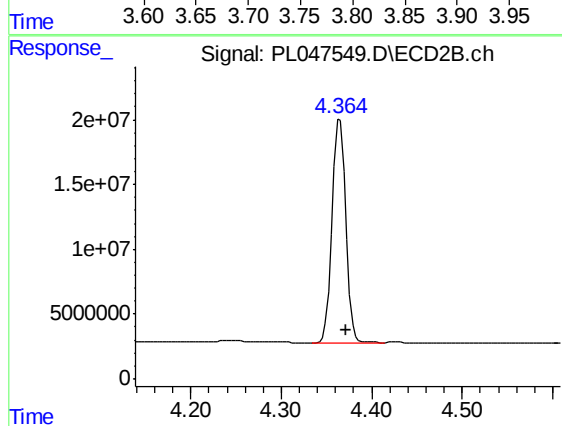
#1 Tetrachloro-m-xylene

R.T.: 3.975 min  
Delta R.T.: -0.005 min  
Response: 124527204  
Conc: 54.39 ng/ml



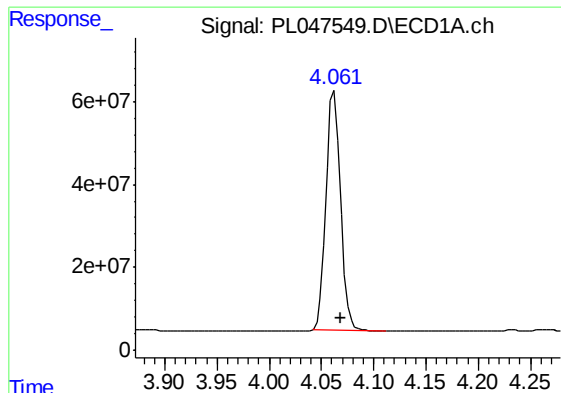
#2 alpha-BHC

R.T.: 3.785 min  
Delta R.T.: -0.005 min  
Response: 625246237  
Conc: 53.61 ng/ml



#2 alpha-BHC

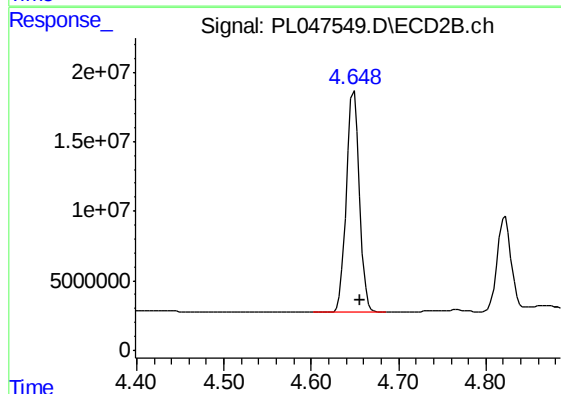
R.T.: 4.365 min  
Delta R.T.: -0.006 min  
Response: 178554539  
Conc: 55.57 ng/ml



#3 gamma-BHC (Lindane)

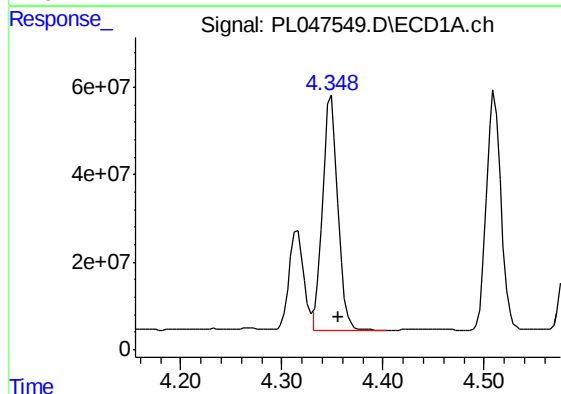
R.T.: 4.062 min  
Delta R.T.: -0.006 min  
Response: 558357973  
Conc: 51.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



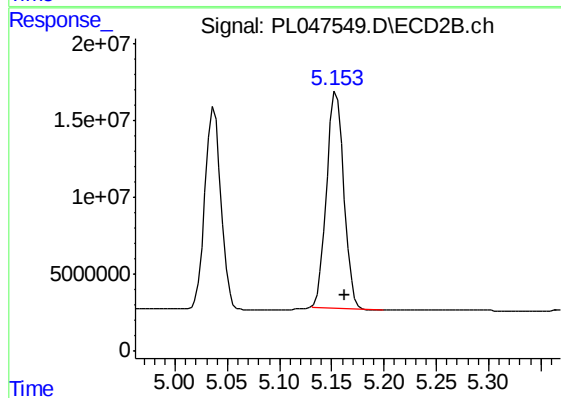
#3 gamma-BHC (Lindane)

R.T.: 4.649 min  
Delta R.T.: -0.007 min  
Response: 164144504  
Conc: 54.84 ng/ml



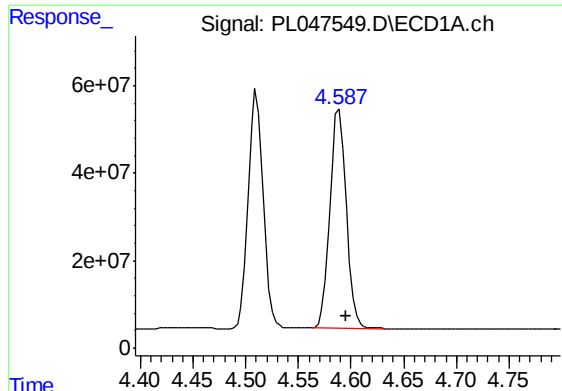
#4 Heptachlor

R.T.: 4.349 min  
Delta R.T.: -0.007 min  
Response: 570491159  
Conc: 51.74 ng/ml



#4 Heptachlor

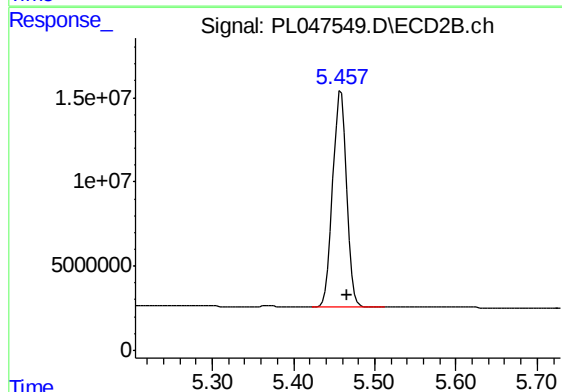
R.T.: 5.154 min  
Delta R.T.: -0.008 min  
Response: 161625740  
Conc: 52.55 ng/ml



#5 Aldrin

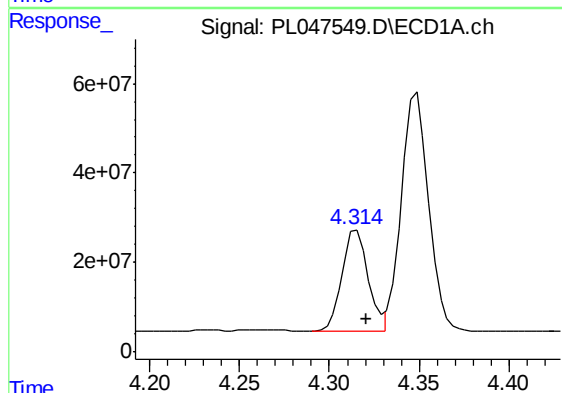
R.T.: 4.589 min  
Delta R.T.: -0.007 min  
Response: 541689246  
Conc: 52.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



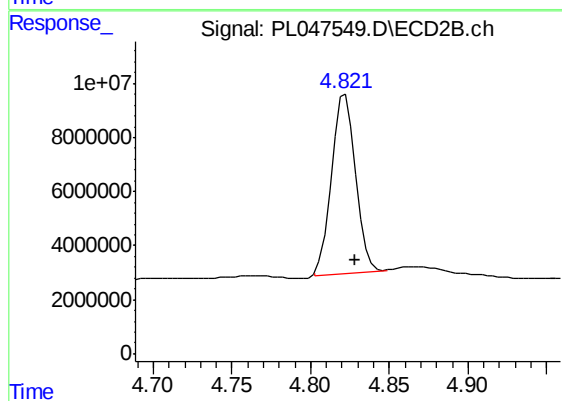
#5 Aldrin

R.T.: 5.458 min  
Delta R.T.: -0.008 min  
Response: 153170760  
Conc: 53.46 ng/ml



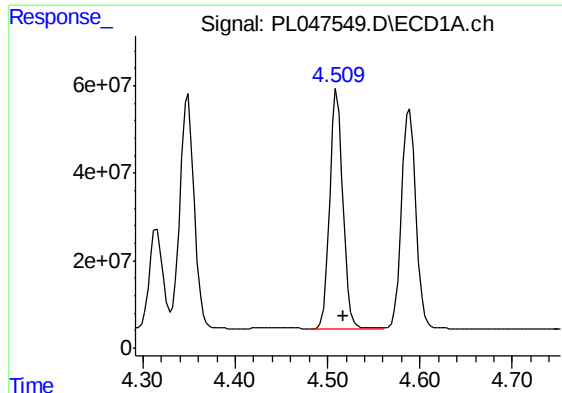
#6 beta-BHC

R.T.: 4.315 min  
Delta R.T.: -0.006 min  
Response: 229075379  
Conc: 50.88 ng/ml



#6 beta-BHC

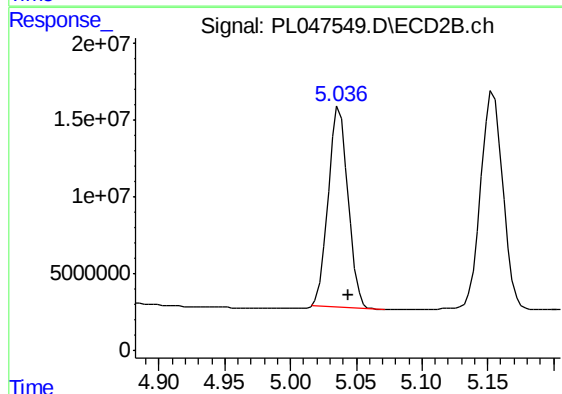
R.T.: 4.822 min  
Delta R.T.: -0.006 min  
Response: 70935302  
Conc: 53.51 ng/ml



#7 delta-BHC

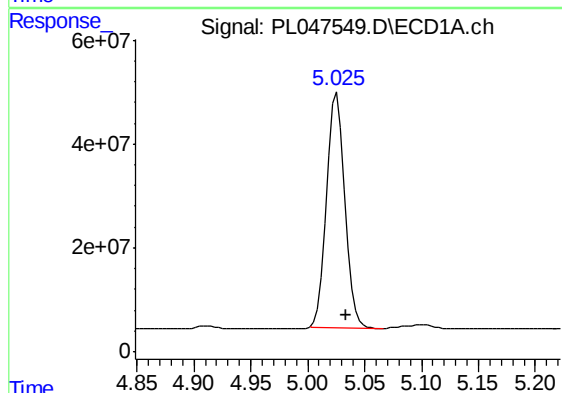
R.T.: 4.510 min  
Delta R.T.: -0.007 min  
Response: 540943147  
Conc: 53.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



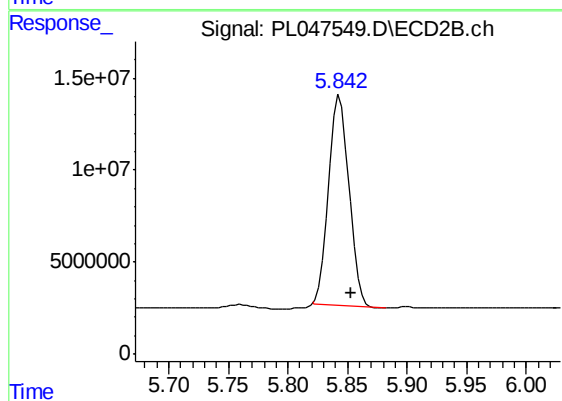
#7 delta-BHC

R.T.: 5.037 min  
Delta R.T.: -0.007 min  
Response: 136187522  
Conc: 58.70 ng/ml



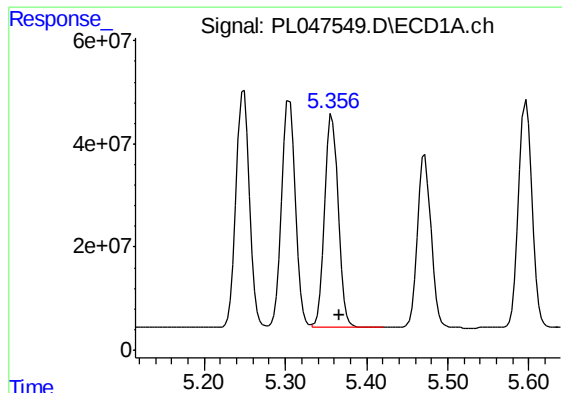
#8 Heptachlor epoxide

R.T.: 5.026 min  
Delta R.T.: -0.008 min  
Response: 499837335  
Conc: 51.25 ng/ml



#8 Heptachlor epoxide

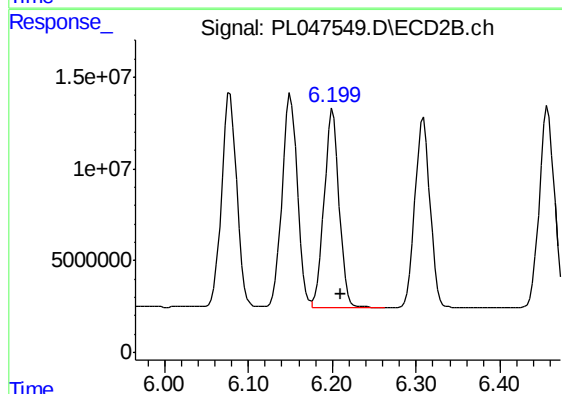
R.T.: 5.844 min  
Delta R.T.: -0.010 min  
Response: 137303914  
Conc: 52.06 ng/ml



#9 Endosulfan I

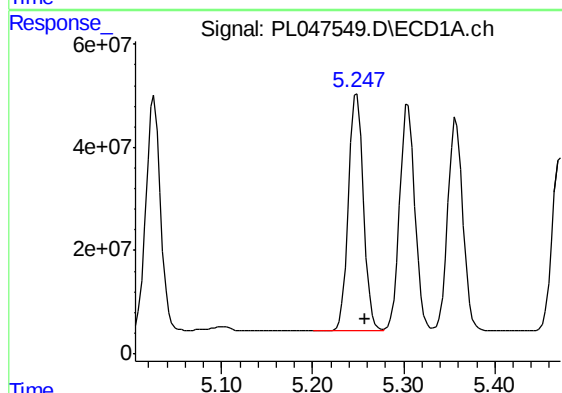
R.T.: 5.358 min  
Delta R.T.: -0.009 min  
Response: 476452477  
Conc: 50.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



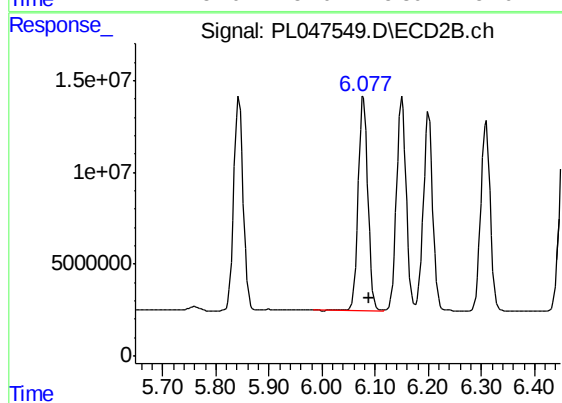
#9 Endosulfan I

R.T.: 6.201 min  
Delta R.T.: -0.010 min  
Response: 135065663  
Conc: 51.75 ng/ml



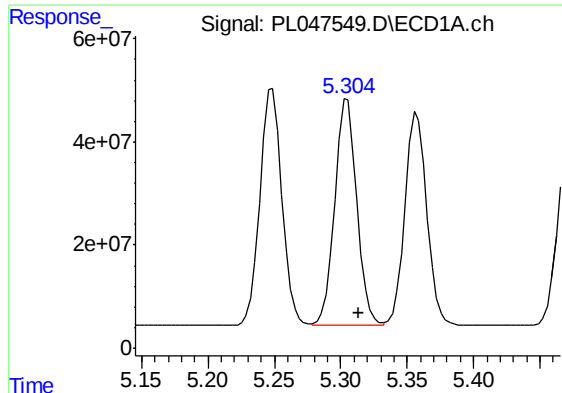
#10 gamma-Chlordane

R.T.: 5.249 min  
Delta R.T.: -0.008 min  
Response: 524221265  
Conc: 51.03 ng/ml



#10 gamma-Chlordane

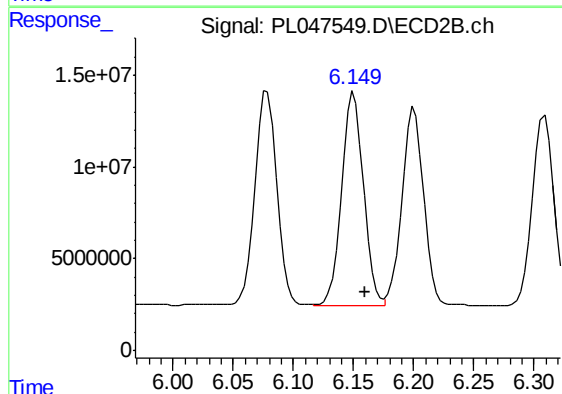
R.T.: 6.078 min  
Delta R.T.: -0.009 min  
Response: 147825702  
Conc: 52.09 ng/ml



#11 alpha-Chlordane

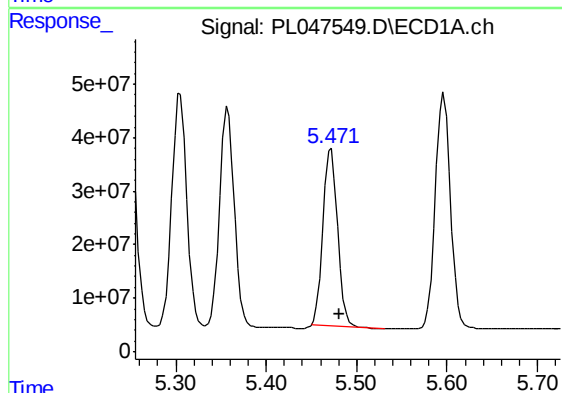
R.T.: 5.305 min  
Delta R.T.: -0.009 min  
Response: 512367781  
Conc: 50.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



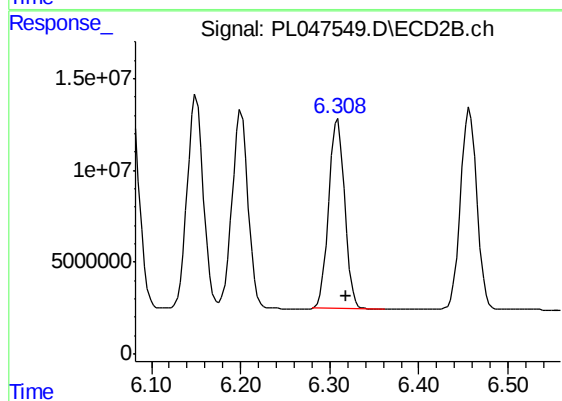
#11 alpha-Chlordane

R.T.: 6.150 min  
Delta R.T.: -0.010 min  
Response: 146641035  
Conc: 51.69 ng/ml



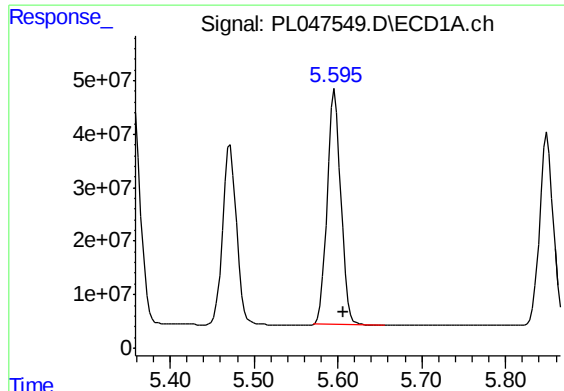
#12 4,4'-DDE

R.T.: 5.472 min  
Delta R.T.: -0.009 min  
Response: 375334769  
Conc: 40.77 ng/ml



#12 4,4'-DDE

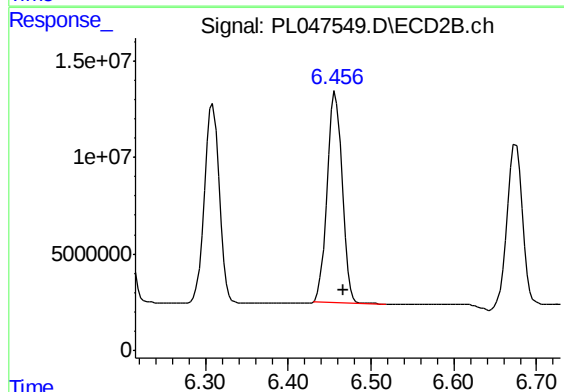
R.T.: 6.309 min  
Delta R.T.: -0.009 min  
Response: 128419182  
Conc: 51.73 ng/ml



#13 Dielddrin

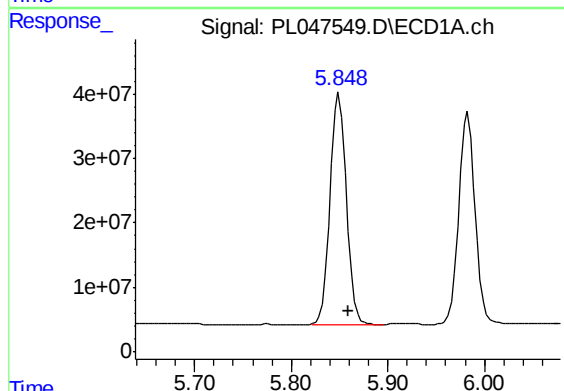
R.T.: 5.596 min  
Delta R.T.: -0.010 min  
Response: 502888027  
Conc: 50.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



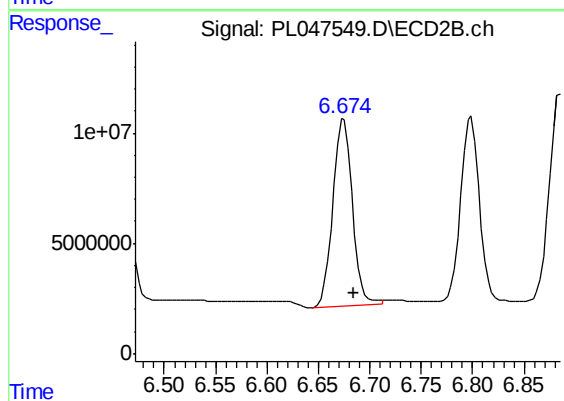
#13 Dielddrin

R.T.: 6.457 min  
Delta R.T.: -0.010 min  
Response: 137634393  
Conc: 50.77 ng/ml



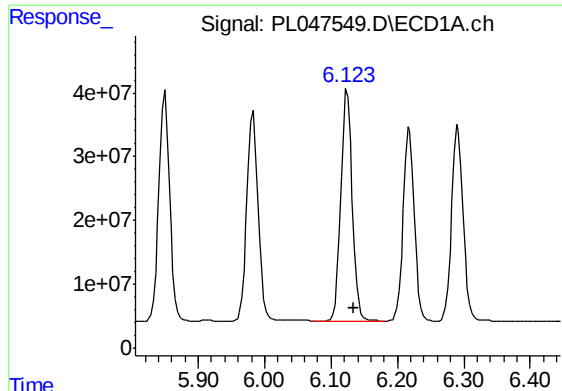
#14 Endrin

R.T.: 5.850 min  
Delta R.T.: -0.010 min  
Response: 411349993  
Conc: 43.67 ng/ml



#14 Endrin

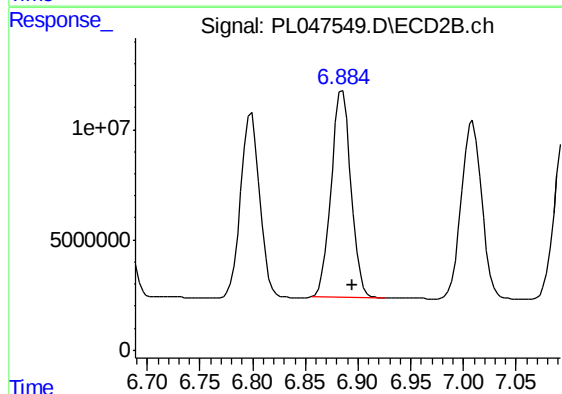
R.T.: 6.675 min  
Delta R.T.: -0.010 min  
Response: 112024742  
Conc: 46.88 ng/ml



#15 Endosulfan II

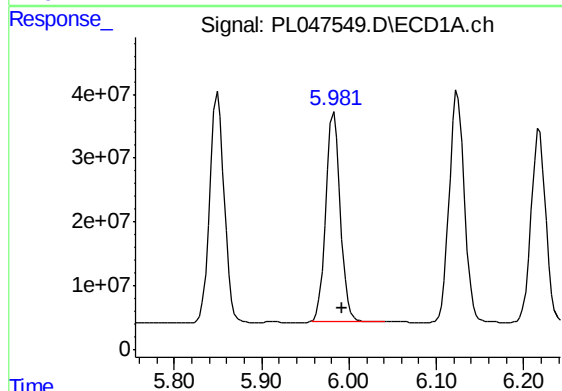
R.T.: 6.124 min  
Delta R.T.: -0.010 min  
Response: 435561353  
Conc: 48.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



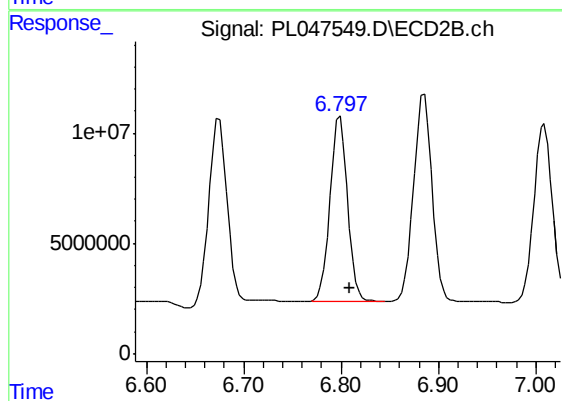
#15 Endosulfan II

R.T.: 6.885 min  
Delta R.T.: -0.009 min  
Response: 122040971  
Conc: 50.58 ng/ml



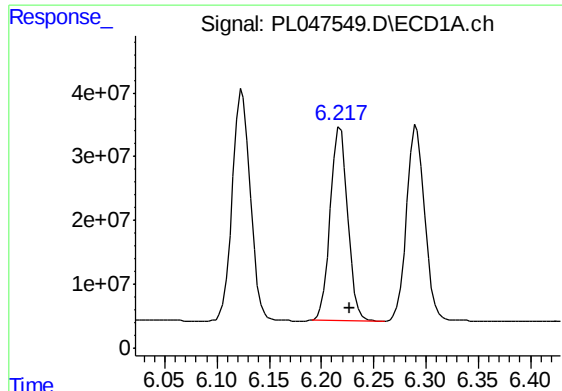
#16 4,4'-DDD

R.T.: 5.983 min  
Delta R.T.: -0.010 min  
Response: 380543956  
Conc: 50.34 ng/ml



#16 4,4'-DDD

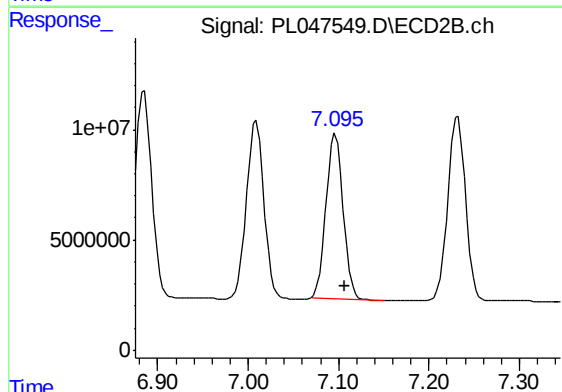
R.T.: 6.799 min  
Delta R.T.: -0.010 min  
Response: 104921977  
Conc: 52.15 ng/ml



#17 4,4'-DDT

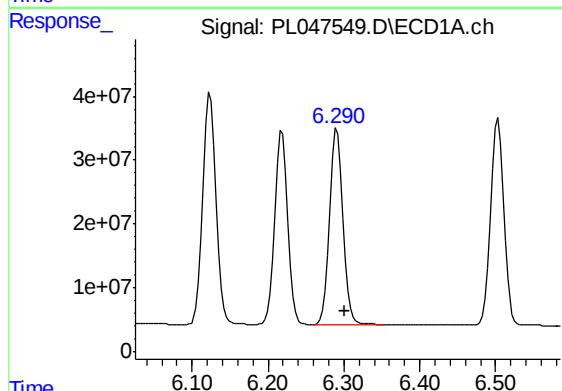
R.T.: 6.218 min  
Delta R.T.: -0.010 min  
Response: 352784060  
Conc: 46.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



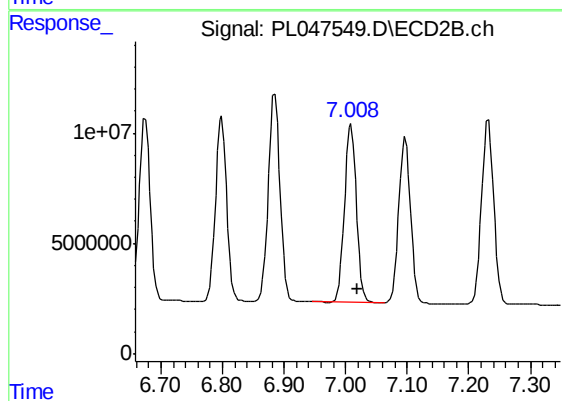
#17 4,4'-DDT

R.T.: 7.097 min  
Delta R.T.: -0.010 min  
Response: 97811261  
Conc: 46.64 ng/ml



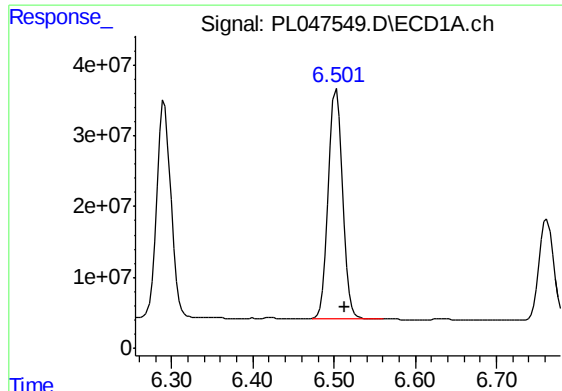
#18 Endrin aldehyde

R.T.: 6.291 min  
Delta R.T.: -0.010 min  
Response: 370657519  
Conc: 49.45 ng/ml



#18 Endrin aldehyde

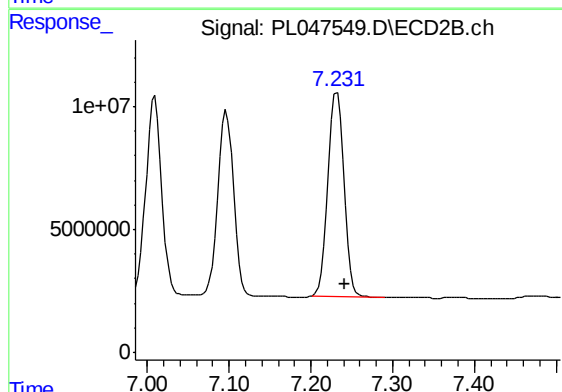
R.T.: 7.009 min  
Delta R.T.: -0.010 min  
Response: 108354171  
Conc: 51.01 ng/ml



#19 Endosulfan Sulfate

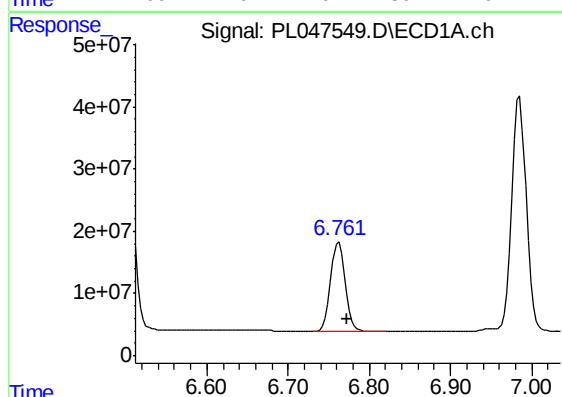
R.T.: 6.503 min  
Delta R.T.: -0.010 min  
Response: 393054171  
Conc: 47.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



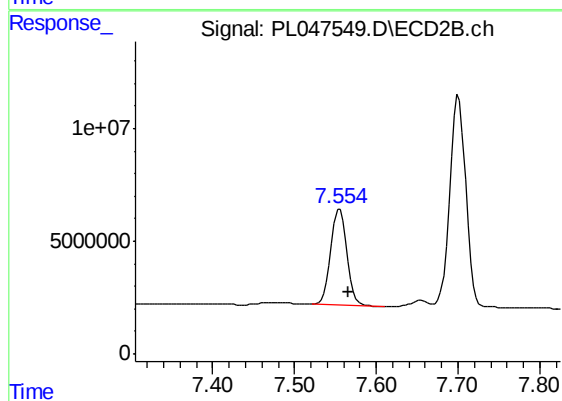
#19 Endosulfan Sulfate

R.T.: 7.232 min  
Delta R.T.: -0.010 min  
Response: 113883010  
Conc: 48.28 ng/ml



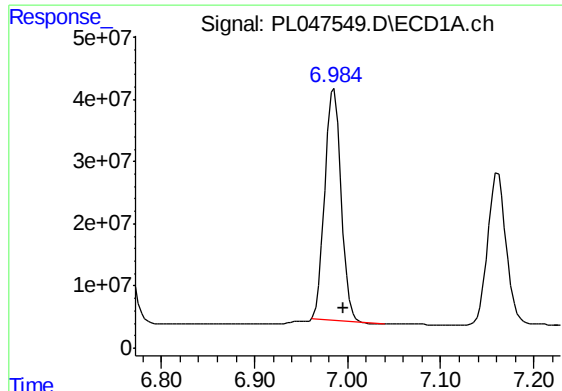
#20 Methoxychlor

R.T.: 6.762 min  
Delta R.T.: -0.011 min  
Response: 179250072  
Conc: 42.18 ng/ml



#20 Methoxychlor

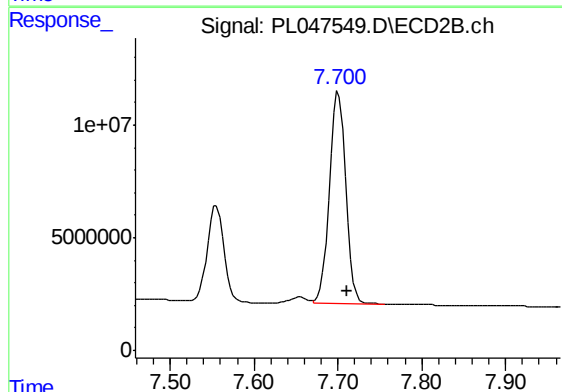
R.T.: 7.555 min  
Delta R.T.: -0.010 min  
Response: 58043054  
Conc: 45.53 ng/ml



#21 Endrin ketone

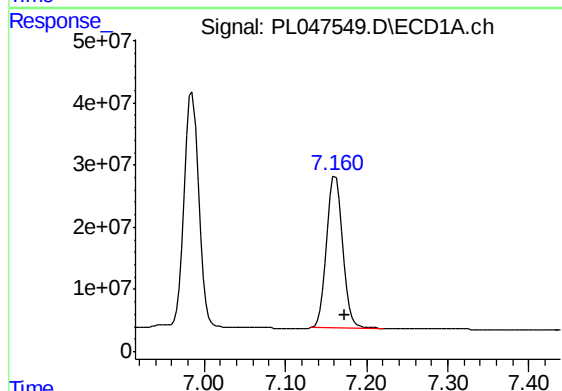
R.T.: 6.985 min  
Delta R.T.: -0.011 min  
Response: 449891780  
Conc: 48.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



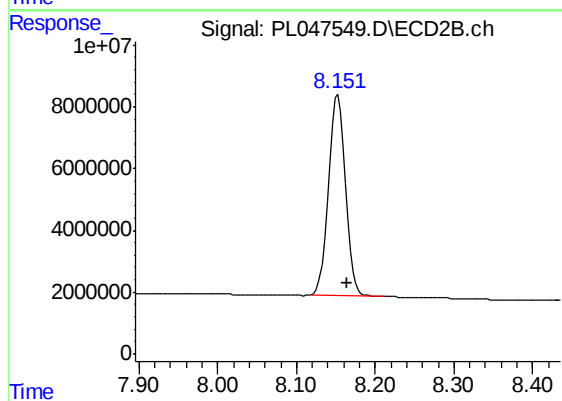
#21 Endrin ketone

R.T.: 7.701 min  
Delta R.T.: -0.011 min  
Response: 128317325  
Conc: 51.65 ng/ml



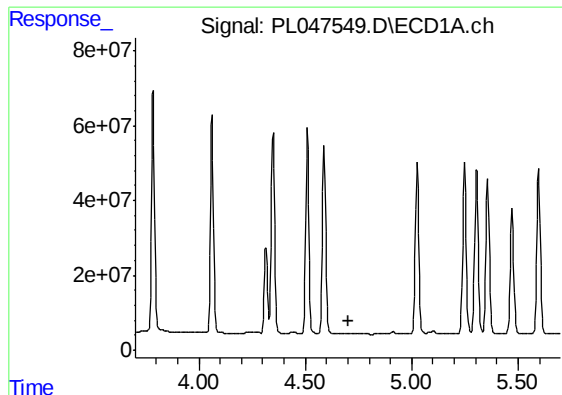
#22 Mirex

R.T.: 7.162 min  
Delta R.T.: -0.012 min  
Response: 332753928  
Conc: 45.67 ng/ml



#22 Mirex

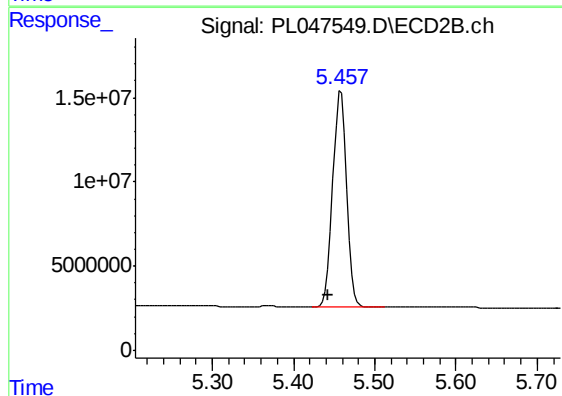
R.T.: 8.152 min  
Delta R.T.: -0.012 min  
Response: 99014235  
Conc: 49.50 ng/ml



#24 Chlordane-2

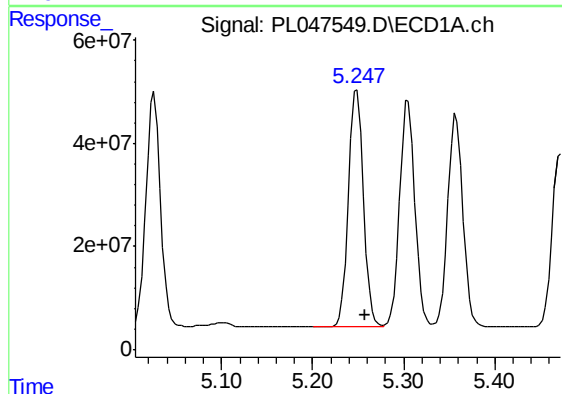
R.T.: 0.000 min  
Exp R.T.: 4.701 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



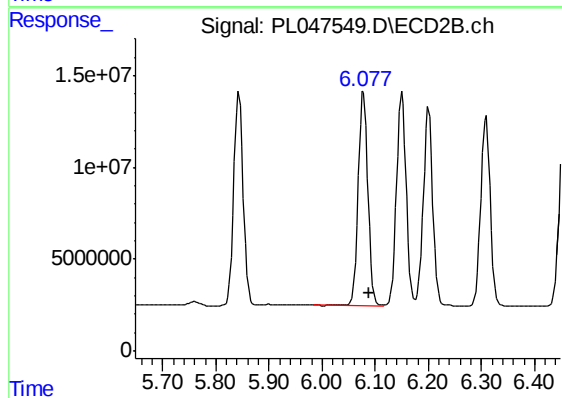
#24 Chlordane-2

R.T.: 5.458 min  
Delta R.T.: 0.015 min  
Response: 153170760  
Conc: 1311.29 ng/ml



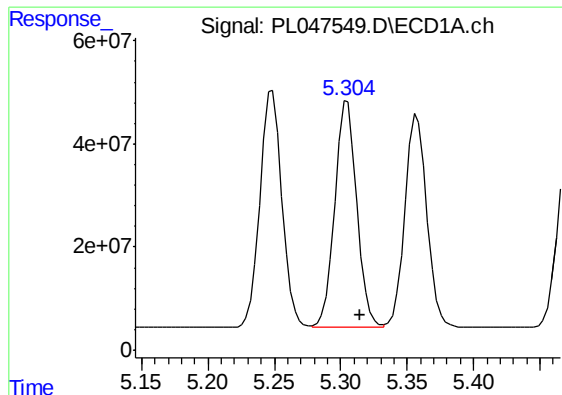
#25 Chlordane-3

R.T.: 5.249 min  
Delta R.T.: -0.010 min  
Response: 524221265  
Conc: 470.71 ng/ml



#25 Chlordane-3

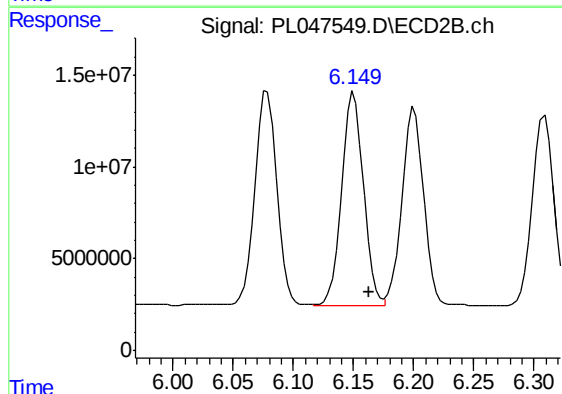
R.T.: 6.078 min  
Delta R.T.: -0.011 min  
Response: 147825702  
Conc: 387.72 ng/ml



#26 Chlordane-4

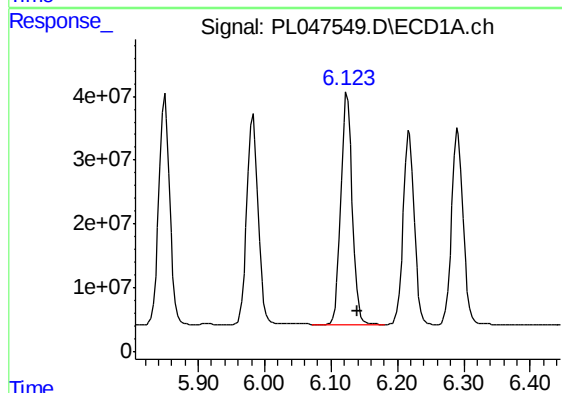
R.T.: 5.305 min  
Delta R.T.: -0.009 min  
Response: 512367781  
Conc: 495.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



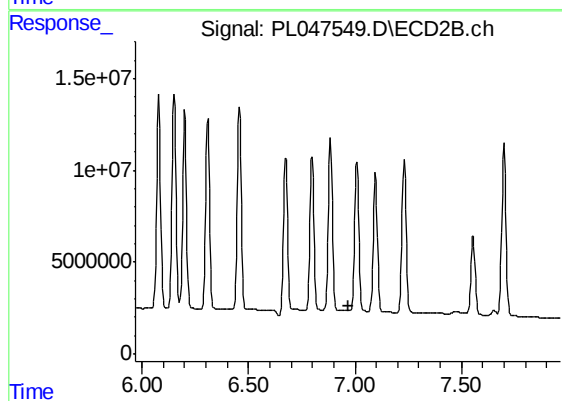
#26 Chlordane-4

R.T.: 6.150 min  
Delta R.T.: -0.013 min  
Response: 146641035  
Conc: 317.80 ng/ml



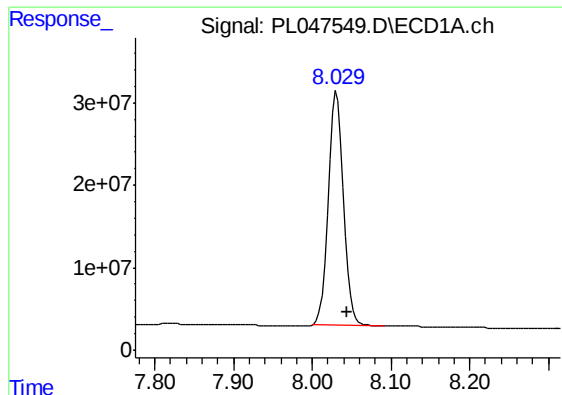
#27 Chlordane-5

R.T.: 6.124 min  
Delta R.T.: -0.015 min  
Response: 435561353  
Conc: 1276.31 ng/ml



#27 Chlordane-5

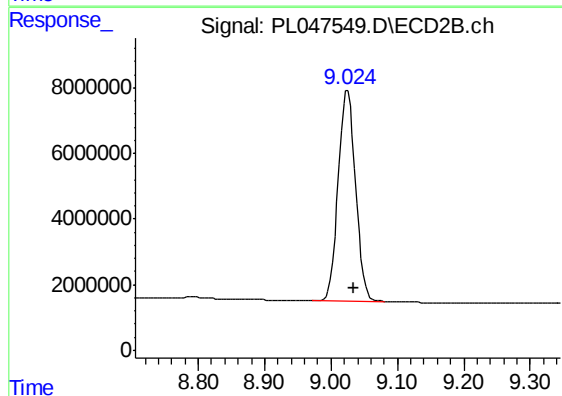
R.T.: 0.000 min  
Exp R.T. : 6.967 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.031 min  
Delta R.T.: -0.013 min  
Response: 385575312  
Conc: 45.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: -0.010 min  
Response: 117059011  
Conc: 50.49 ng/ml