

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042319\  
 Data File : PL047640.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2019 12:34  
 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 24 00:56:10 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... | 3.330 | 3.941  | 474.7E6 | 122.2E6  | 53.506   | 45.784     |
| 28)                         | SA Decachlor... | 8.003 | 8.981  | 511.3E6 | 139.1E6  | 50.619   | 45.823     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.759 | 4.329  | 785.6E6 | 178.1E6  | 56.021   | 47.837     |
| 3)                          | MA gamma-BHC... | 4.035 | 4.613  | 716.2E6 | 165.4E6  | 59.178   | 46.805     |
| 4)                          | MA Heptachlor   | 4.321 | 5.117  | 725.0E6 | 166.4E6  | 54.398   | 45.157     |
| 5)                          | MB Aldrin       | 4.560 | 5.420  | 712.8E6 | 157.6E6  | 58.127   | 48.551     |
| 6)                          | B beta-BHC      | 4.289 | 4.787  | 298.5E6 | 74820827 | 54.494   | 45.101     |
| 7)                          | B delta-BHC     | 4.483 | 5.001  | 720.7E6 | 146.2E6  | 58.242   | 54.466     |
| 8)                          | B Heptachlor... | 4.997 | 5.806  | 666.3E6 | 145.5E6  | 56.901   | 52.566     |
| 9)                          | A Endosulfan I  | 5.328 | 6.162  | 637.1E6 | 143.6E6  | 56.984   | 48.431     |
| 10)                         | B gamma-Chl...  | 5.220 | 6.041  | 697.5E6 | 155.8E6  | 57.019   | 49.277     |
| 11)                         | B alpha-Chl...  | 5.276 | 6.112  | 681.1E6 | 154.8E6  | 56.662   | 48.350     |
| 12)                         | B 4,4'-DDE      | 5.444 | 6.272  | 648.4E6 | 142.9E6  | 55.757   | 48.107     |
| 13)                         | MA Dieldrin     | 5.568 | 6.418  | 687.0E6 | 151.0E6  | 57.677   | 49.022     |
| 14)                         | MA Endrin       | 5.820 | 6.636  | 611.1E6 | 129.7E6  | 54.120   | 47.008     |
| 15)                         | B Endosulfa...  | 6.095 | 6.846  | 606.4E6 | 133.2E6  | 57.266   | 48.023     |
| 16)                         | A 4,4'-DDD      | 5.955 | 6.762  | 540.5E6 | 121.0E6  | 59.534   | 50.908     |
| 17)                         | MA 4,4'-DDT     | 6.190 | 7.059  | 487.0E6 | 112.4E6  | 56.317   | 45.224     |
| 18)                         | B Endrin al...  | 6.262 | 6.970  | 495.1E6 | 118.5E6  | 56.247   | 48.731     |
| 19)                         | B Endosulfa...  | 6.474 | 7.193  | 548.8E6 | 130.3E6  | 56.529   | 48.841     |
| 20)                         | A Methoxychlor  | 6.736 | 7.520  | 249.2E6 | 63671408 | 51.940   | 44.130     |
| 21)                         | B Endrin ke...  | 6.956 | 7.662  | 619.2E6 | 142.7E6  | 58.733   | 50.449     |
| 22)                         | Mirex           | 7.131 | 8.112  | 447.6E6 | 109.9E6  | 55.374   | 48.353     |
| 24)                         | Chlordane-2     | 0.000 | 5.420f | 0       | 157.6E6  | N.D.     | 1319.139 # |
| 25)                         | Chlordane-3     | 5.220 | 6.041  | 697.5E6 | 155.8E6  | 508.679  | 388.271    |
| 26)                         | Chlordane-4     | 5.276 | 6.112  | 681.1E6 | 154.8E6  | 537.317  | 327.638 #  |
| 27)                         | Chlordane-5     | 6.095 | 0.000  | 606.4E6 | 0        | 1553.623 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

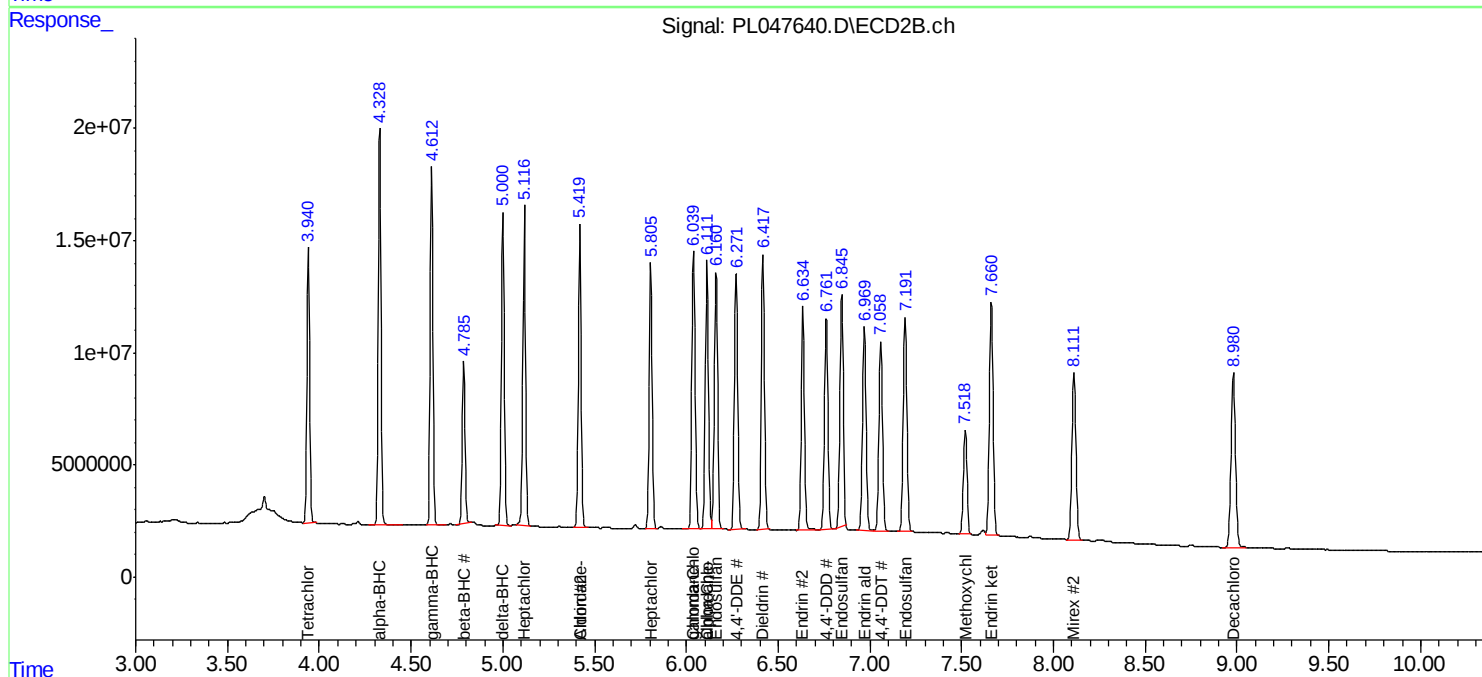
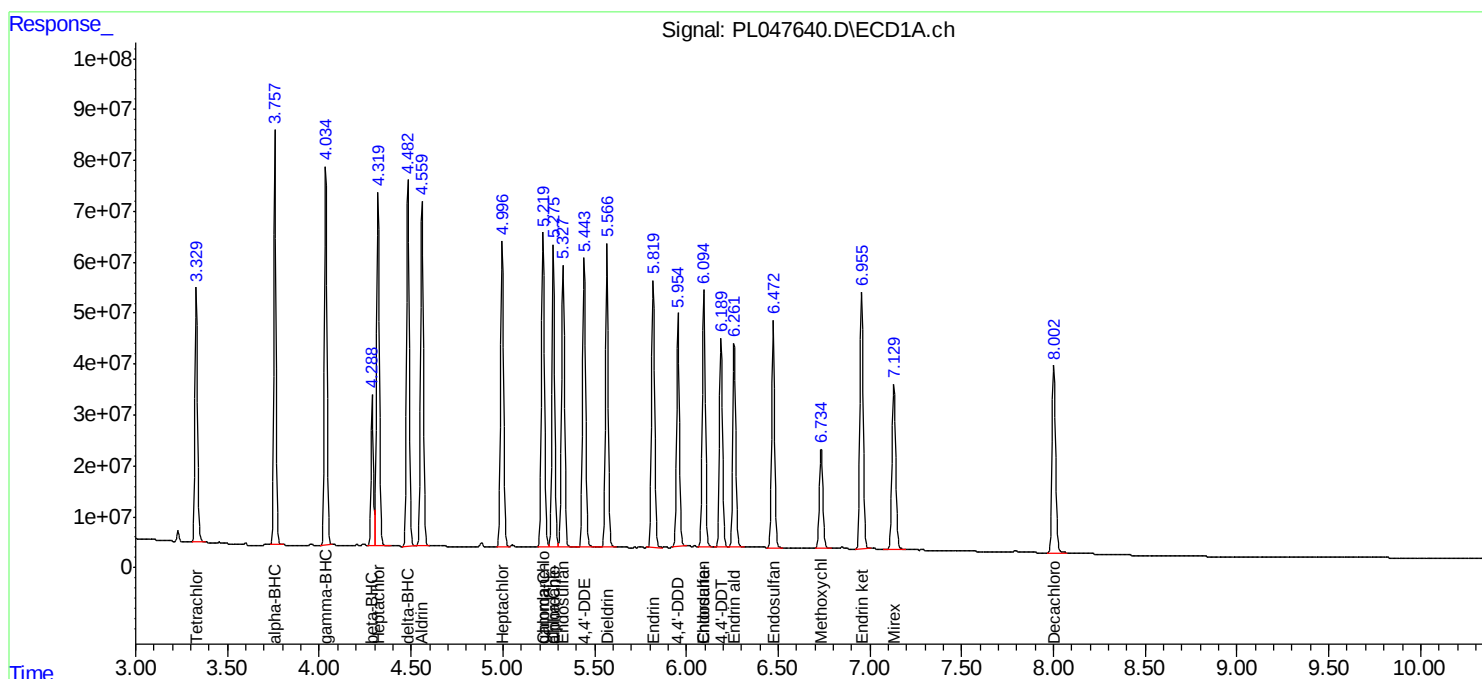
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

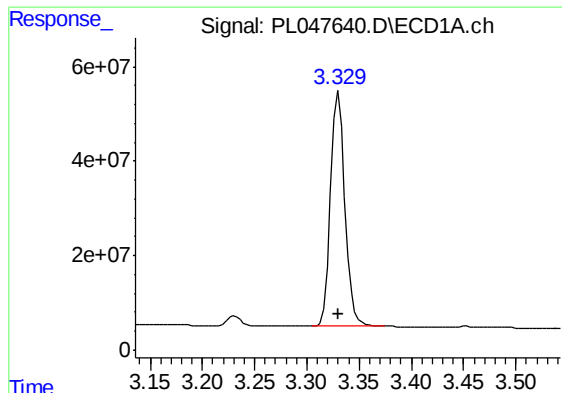
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042319\  
Data File : PL047640.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2019 12:34  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 24 00:56:10 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

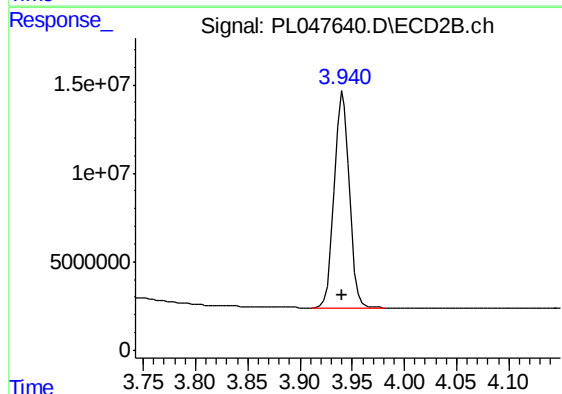




#1 Tetrachloro-m-xylene

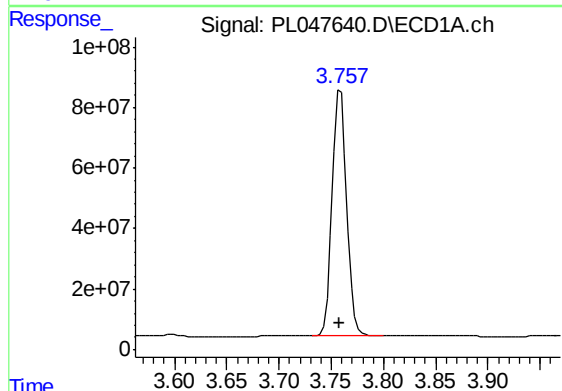
R.T.: 3.330 min  
Delta R.T.: 0.000 min  
Response: 474742539  
Conc: 53.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



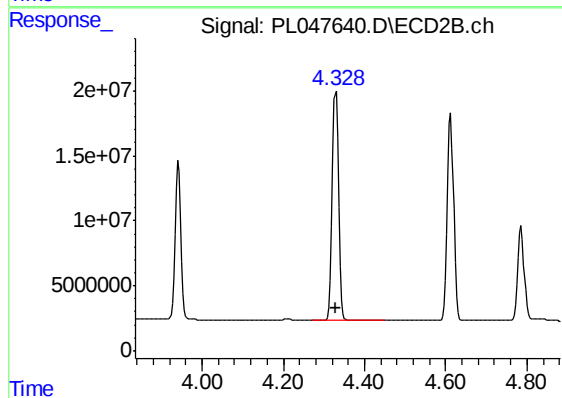
#1 Tetrachloro-m-xylene

R.T.: 3.941 min  
Delta R.T.: 0.000 min  
Response: 122217232  
Conc: 45.78 ng/ml



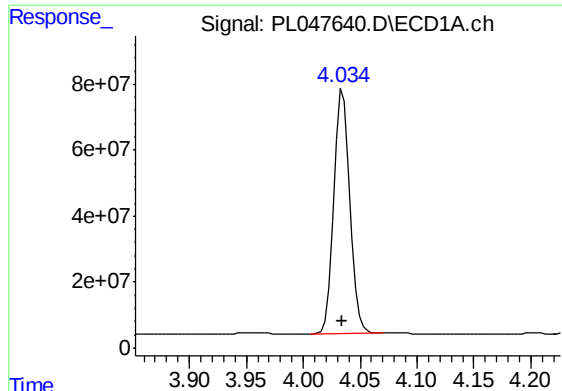
#2 alpha-BHC

R.T.: 3.759 min  
Delta R.T.: 0.000 min  
Response: 785624904  
Conc: 56.02 ng/ml



#2 alpha-BHC

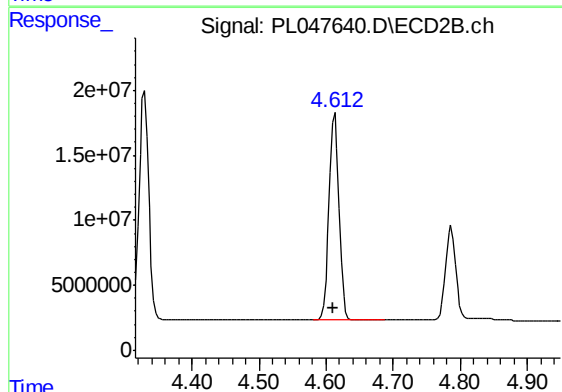
R.T.: 4.329 min  
Delta R.T.: 0.001 min  
Response: 178088156  
Conc: 47.84 ng/ml



#3 gamma-BHC (Lindane)

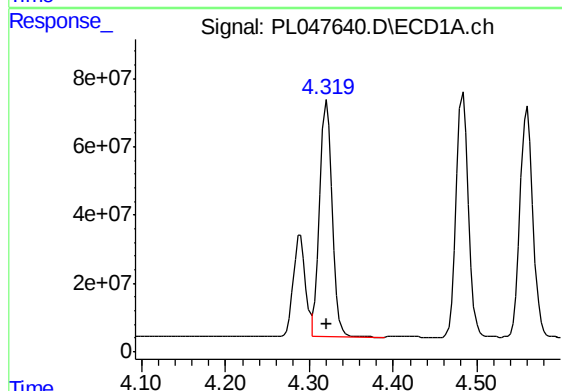
R.T.: 4.035 min  
Delta R.T.: 0.000 min  
Response: 716182547  
Conc: 59.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



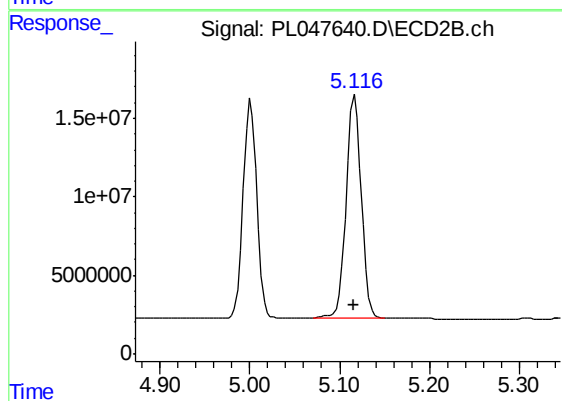
#3 gamma-BHC (Lindane)

R.T.: 4.613 min  
Delta R.T.: 0.002 min  
Response: 165361309  
Conc: 46.80 ng/ml



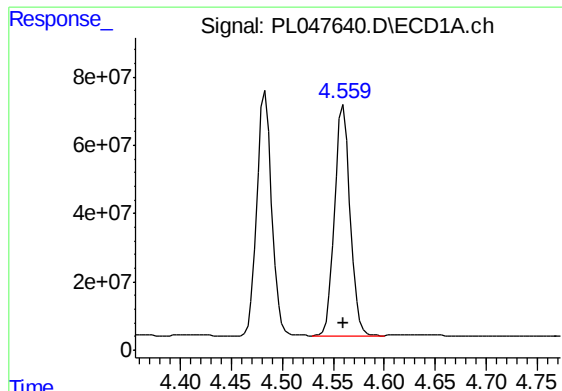
#4 Heptachlor

R.T.: 4.321 min  
Delta R.T.: 0.000 min  
Response: 724992628  
Conc: 54.40 ng/ml



#4 Heptachlor

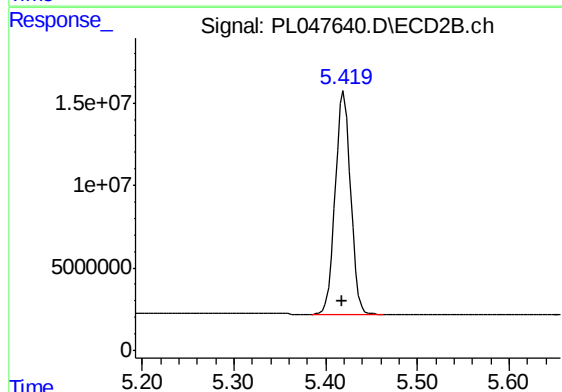
R.T.: 5.117 min  
Delta R.T.: 0.002 min  
Response: 166372718  
Conc: 45.16 ng/ml



#5 Aldrin

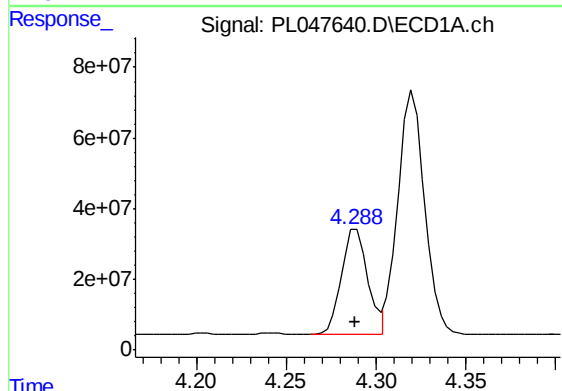
R.T.: 4.560 min  
Delta R.T.: 0.000 min  
Response: 712808729  
Conc: 58.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



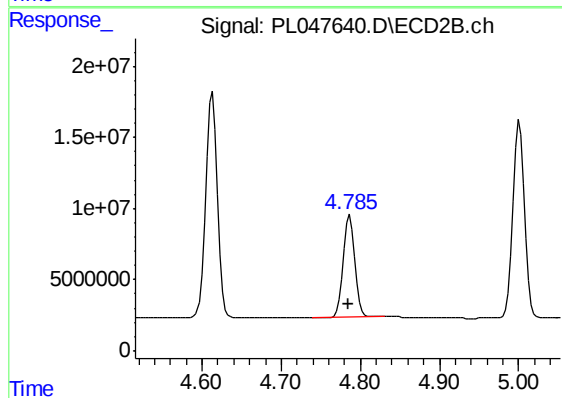
#5 Aldrin

R.T.: 5.420 min  
Delta R.T.: 0.002 min  
Response: 157590736  
Conc: 48.55 ng/ml



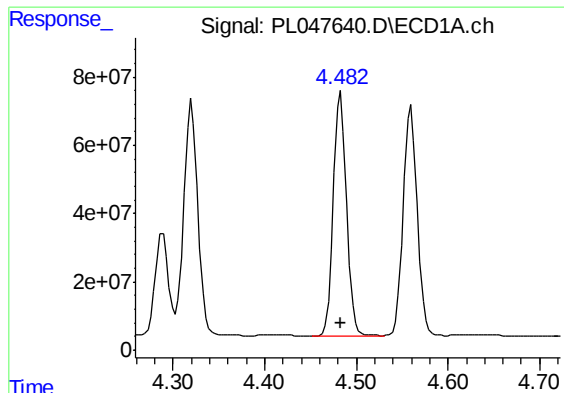
#6 beta-BHC

R.T.: 4.289 min  
Delta R.T.: 0.000 min  
Response: 298542467  
Conc: 54.49 ng/ml



#6 beta-BHC

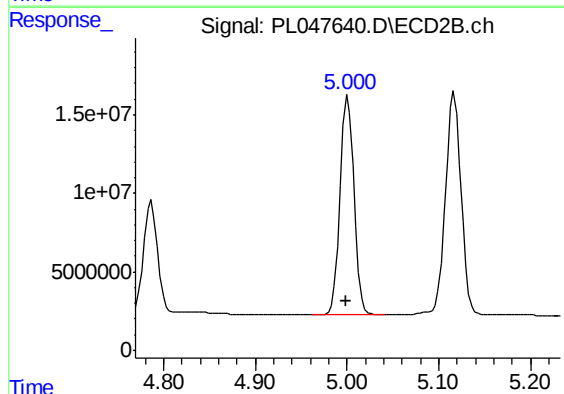
R.T.: 4.787 min  
Delta R.T.: 0.002 min  
Response: 74820827  
Conc: 45.10 ng/ml



#7 delta-BHC

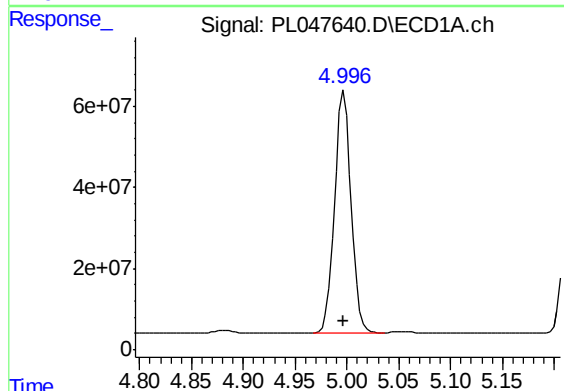
R.T.: 4.483 min  
Delta R.T.: 0.000 min  
Response: 720721666  
Conc: 58.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



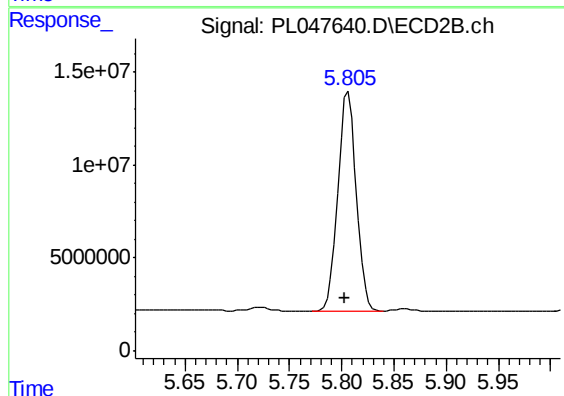
#7 delta-BHC

R.T.: 5.001 min  
Delta R.T.: 0.002 min  
Response: 146151236  
Conc: 54.47 ng/ml



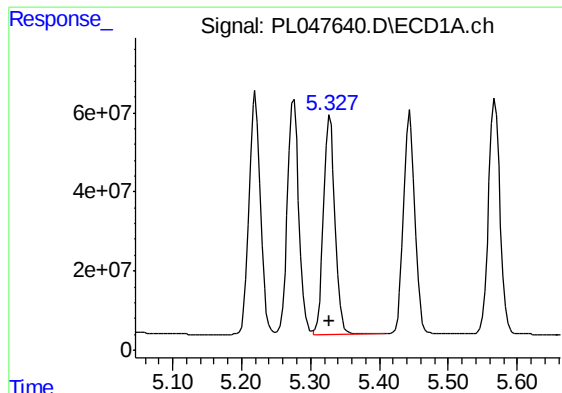
#8 Heptachlor epoxide

R.T.: 4.997 min  
Delta R.T.: 0.000 min  
Response: 666258853  
Conc: 56.90 ng/ml



#8 Heptachlor epoxide

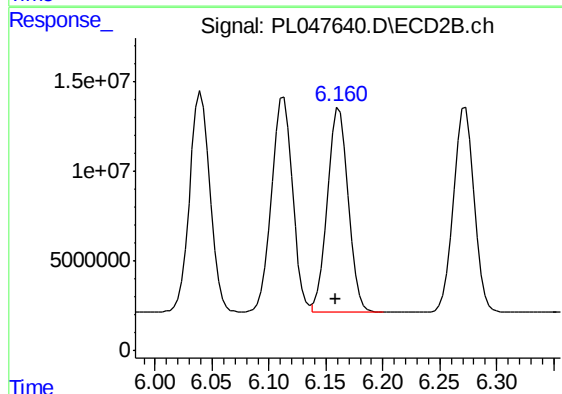
R.T.: 5.806 min  
Delta R.T.: 0.004 min  
Response: 145522438  
Conc: 52.57 ng/ml



#9 Endosulfan I

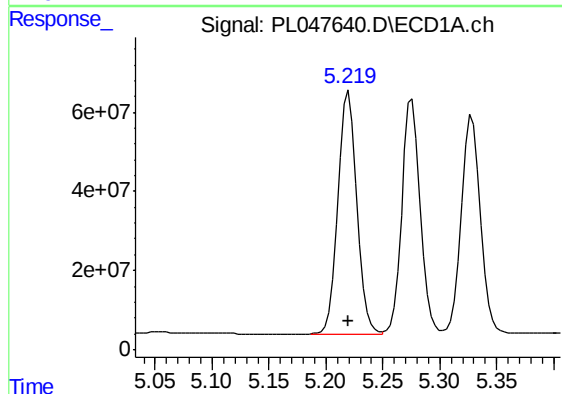
R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 637067627  
Conc: 56.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



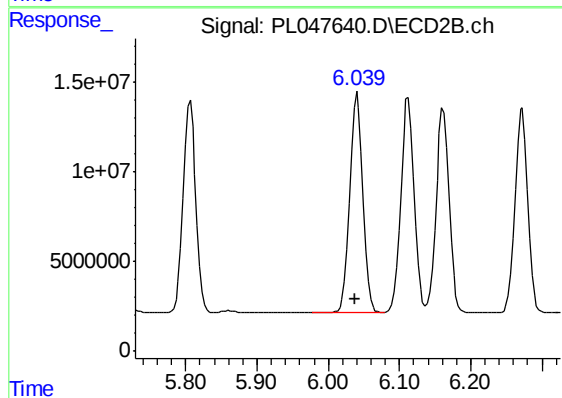
#9 Endosulfan I

R.T.: 6.162 min  
Delta R.T.: 0.004 min  
Response: 143638151  
Conc: 48.43 ng/ml



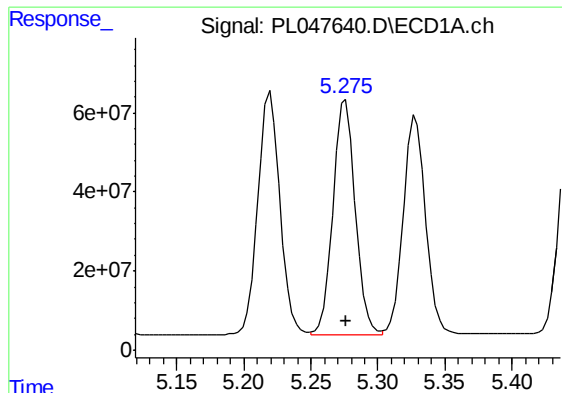
#10 gamma-Chlordane

R.T.: 5.220 min  
Delta R.T.: 0.000 min  
Response: 697454046  
Conc: 57.02 ng/ml



#10 gamma-Chlordane

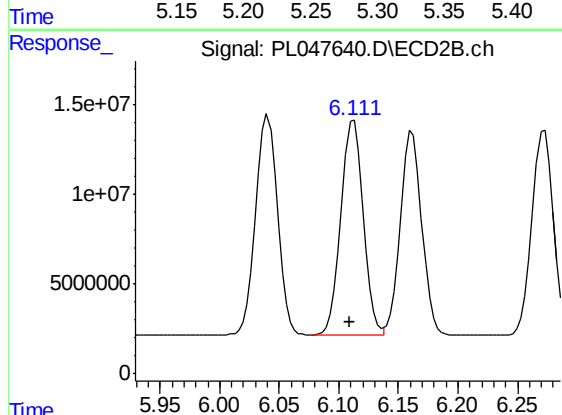
R.T.: 6.041 min  
Delta R.T.: 0.004 min  
Response: 155773791  
Conc: 49.28 ng/ml



#11 alpha-Chlordane

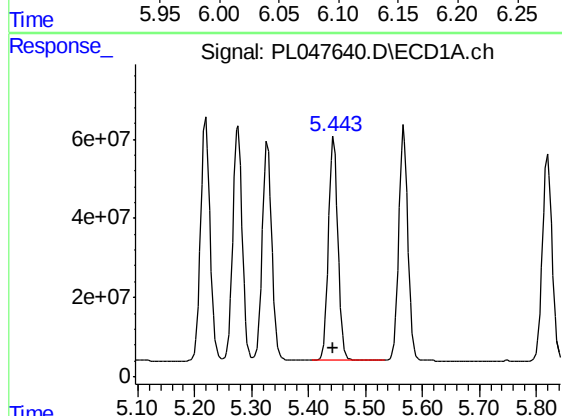
R.T.: 5.276 min  
Delta R.T.: 0.000 min  
Response: 681065013  
Conc: 56.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



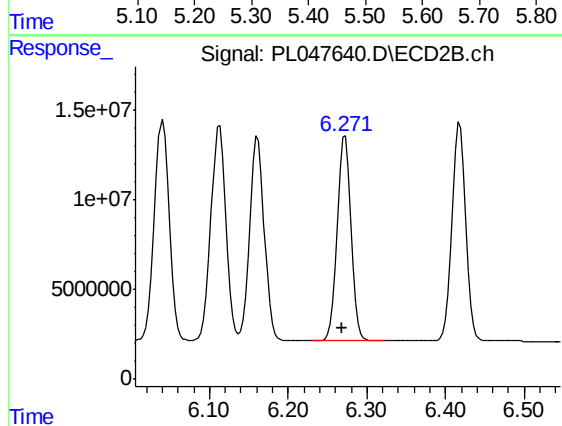
#11 alpha-Chlordane

R.T.: 6.112 min  
Delta R.T.: 0.004 min  
Response: 154780054  
Conc: 48.35 ng/ml



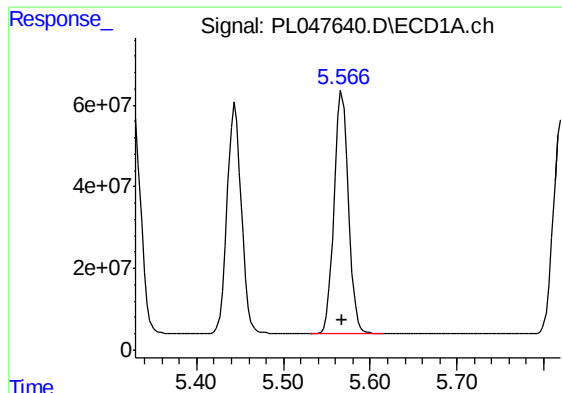
#12 4,4'-DDE

R.T.: 5.444 min  
Delta R.T.: 0.000 min  
Response: 648446765  
Conc: 55.76 ng/ml



#12 4,4'-DDE

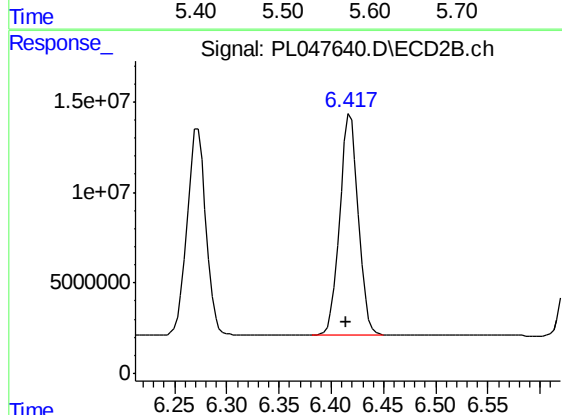
R.T.: 6.272 min  
Delta R.T.: 0.004 min  
Response: 142895340  
Conc: 48.11 ng/ml



#13 Dieldrin

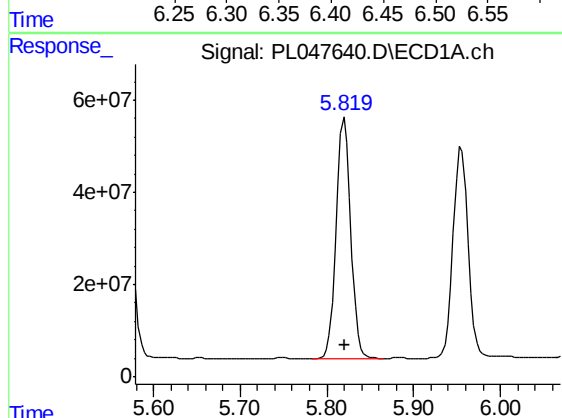
R.T.: 5.568 min  
Delta R.T.: 0.000 min  
Response: 687030174  
Conc: 57.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



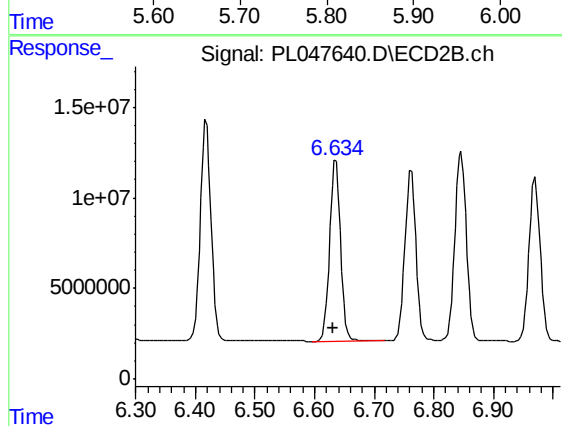
#13 Dieldrin

R.T.: 6.418 min  
Delta R.T.: 0.004 min  
Response: 151049484  
Conc: 49.02 ng/ml



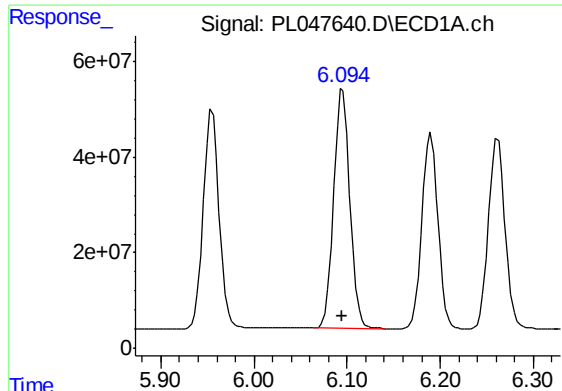
#14 Endrin

R.T.: 5.820 min  
Delta R.T.: 0.000 min  
Response: 611141757  
Conc: 54.12 ng/ml



#14 Endrin

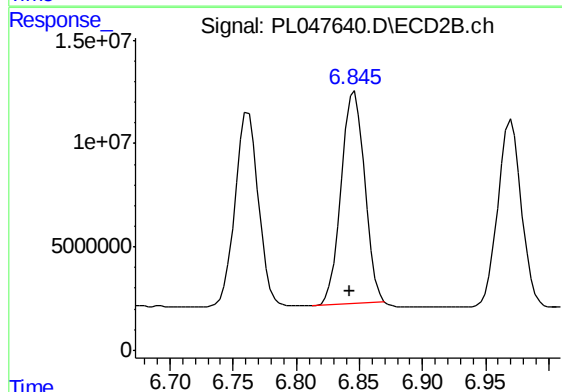
R.T.: 6.636 min  
Delta R.T.: 0.004 min  
Response: 129738068  
Conc: 47.01 ng/ml



#15 Endosulfan II

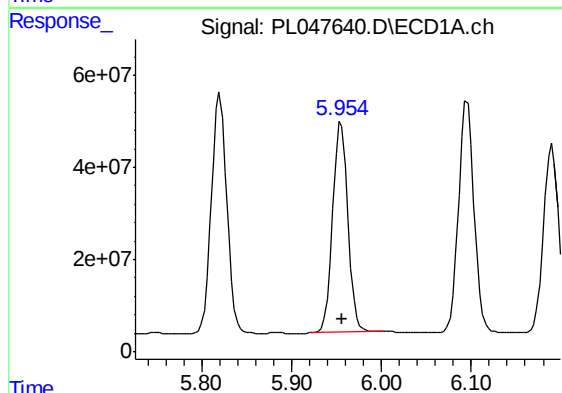
R.T.: 6.095 min  
Delta R.T.: 0.000 min  
Response: 606392480  
Conc: 57.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



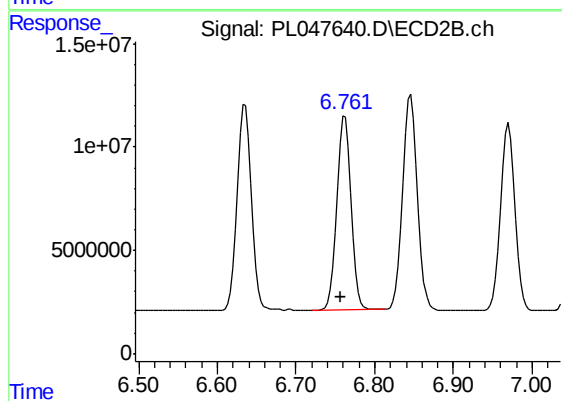
#15 Endosulfan II

R.T.: 6.846 min  
Delta R.T.: 0.004 min  
Response: 133173370  
Conc: 48.02 ng/ml



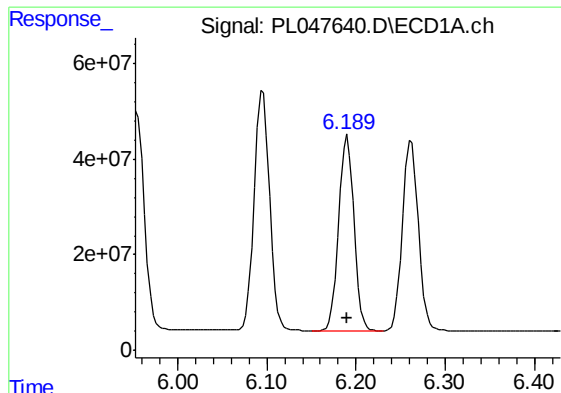
#16 4,4'-DDD

R.T.: 5.955 min  
Delta R.T.: 0.000 min  
Response: 540512177  
Conc: 59.53 ng/ml



#16 4,4'-DDD

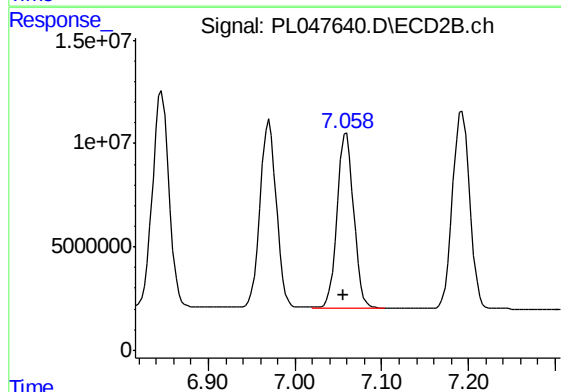
R.T.: 6.762 min  
Delta R.T.: 0.004 min  
Response: 121043974  
Conc: 50.91 ng/ml



#17 4,4'-DDT

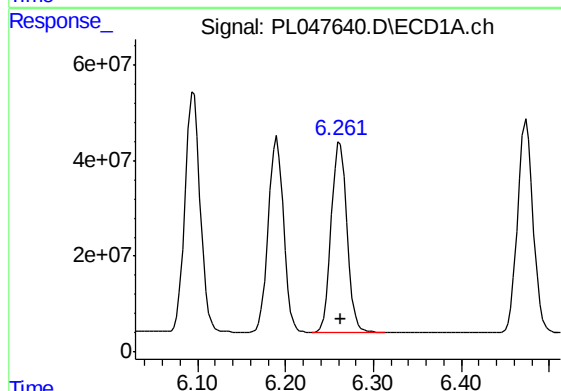
R.T.: 6.190 min  
Delta R.T.: 0.000 min  
Response: 487035892  
Conc: 56.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



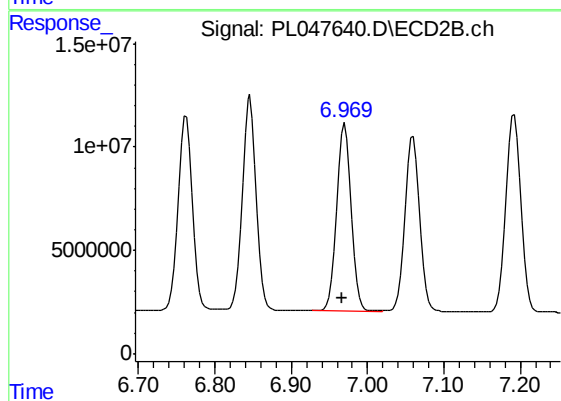
#17 4,4'-DDT

R.T.: 7.059 min  
Delta R.T.: 0.004 min  
Response: 112399851  
Conc: 45.22 ng/ml



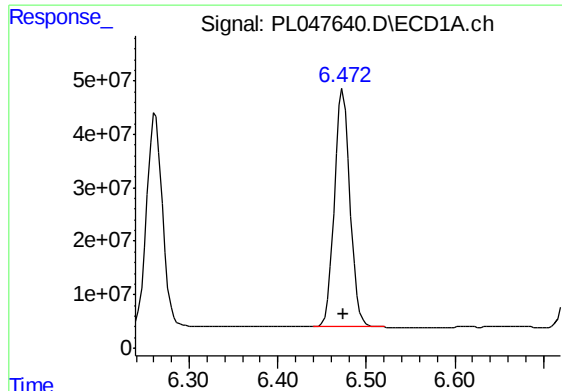
#18 Endrin aldehyde

R.T.: 6.262 min  
Delta R.T.: 0.000 min  
Response: 495083341  
Conc: 56.25 ng/ml



#18 Endrin aldehyde

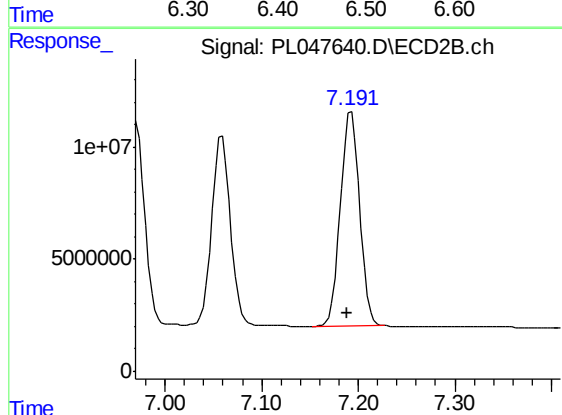
R.T.: 6.970 min  
Delta R.T.: 0.004 min  
Response: 118549239  
Conc: 48.73 ng/ml



#19 Endosulfan Sulfate

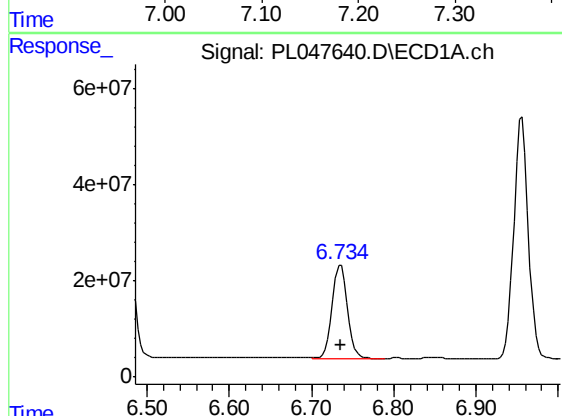
R.T.: 6.474 min  
Delta R.T.: 0.000 min  
Response: 548758870  
Conc: 56.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



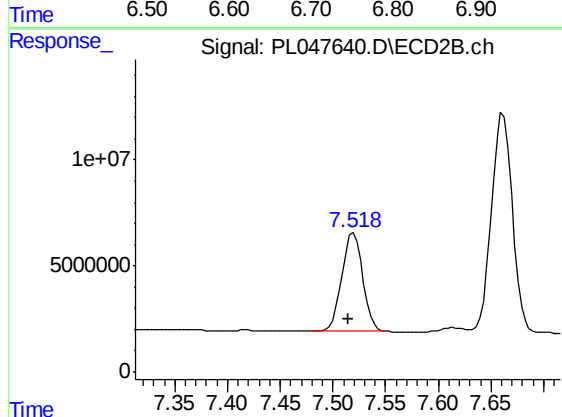
#19 Endosulfan Sulfate

R.T.: 7.193 min  
Delta R.T.: 0.004 min  
Response: 130282453  
Conc: 48.84 ng/ml



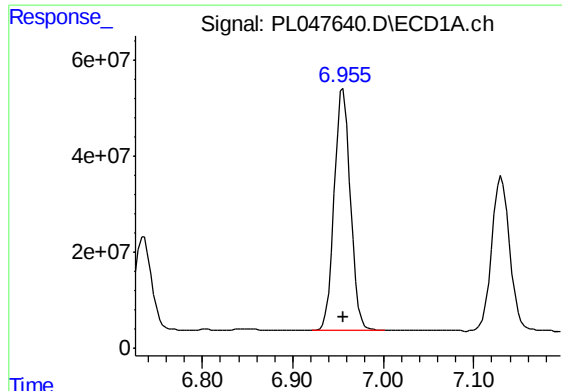
#20 Methoxychlor

R.T.: 6.736 min  
Delta R.T.: 0.000 min  
Response: 249185140  
Conc: 51.94 ng/ml



#20 Methoxychlor

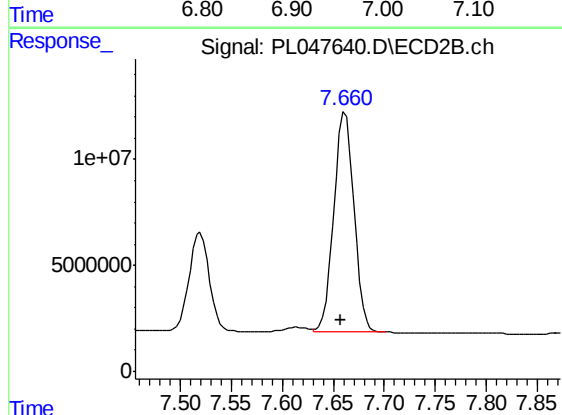
R.T.: 7.520 min  
Delta R.T.: 0.005 min  
Response: 63671408  
Conc: 44.13 ng/ml



#21 Endrin ketone

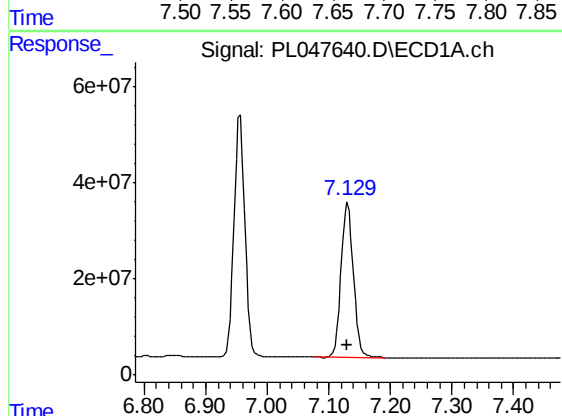
R.T.: 6.956 min  
Delta R.T.: 0.000 min  
Response: 619228169  
Conc: 58.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



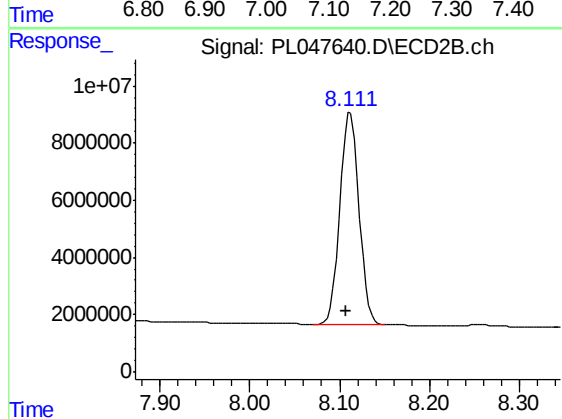
#21 Endrin ketone

R.T.: 7.662 min  
Delta R.T.: 0.004 min  
Response: 142670872  
Conc: 50.45 ng/ml



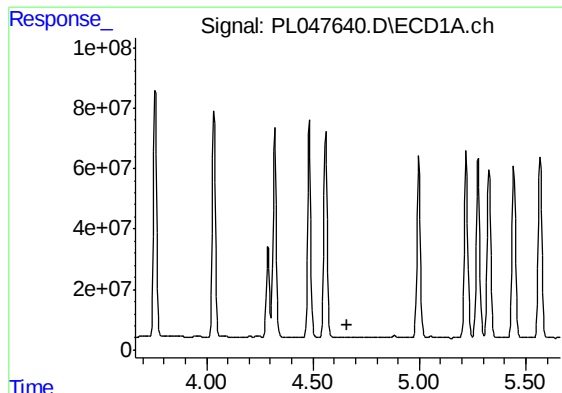
#22 Mirex

R.T.: 7.131 min  
Delta R.T.: 0.000 min  
Response: 447627335  
Conc: 55.37 ng/ml



#22 Mirex

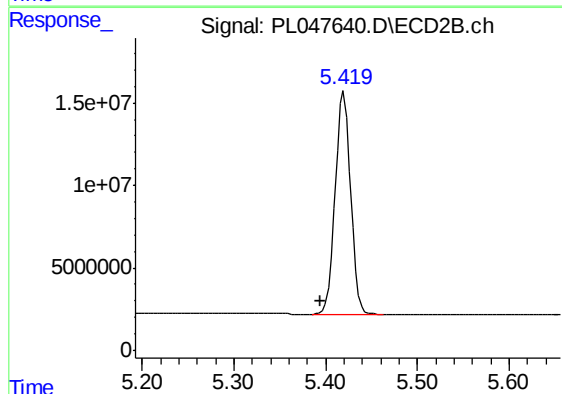
R.T.: 8.112 min  
Delta R.T.: 0.005 min  
Response: 109910842  
Conc: 48.35 ng/ml



#24 Chlordane-2

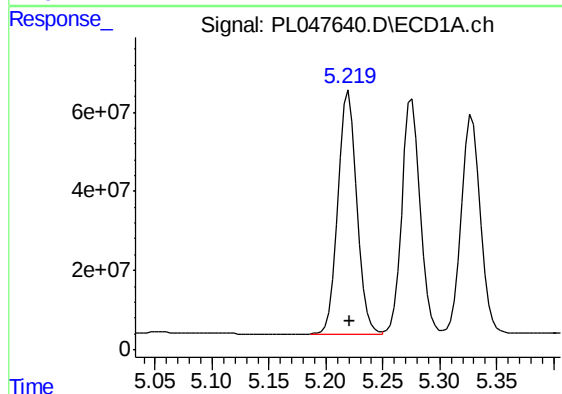
R.T.: 0.000 min  
Exp R.T.: 4.664 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



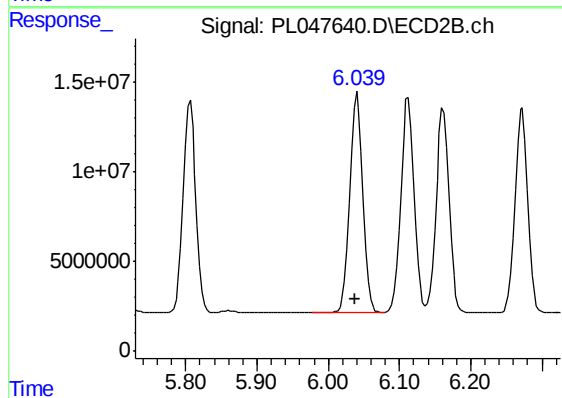
#24 Chlordane-2

R.T.: 5.420 min  
Delta R.T.: 0.026 min  
Response: 157590736  
Conc: 1319.14 ng/ml



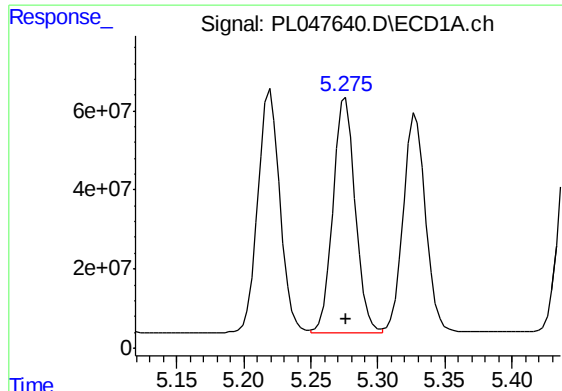
#25 Chlordane-3

R.T.: 5.220 min  
Delta R.T.: 0.000 min  
Response: 697454046  
Conc: 508.68 ng/ml



#25 Chlordane-3

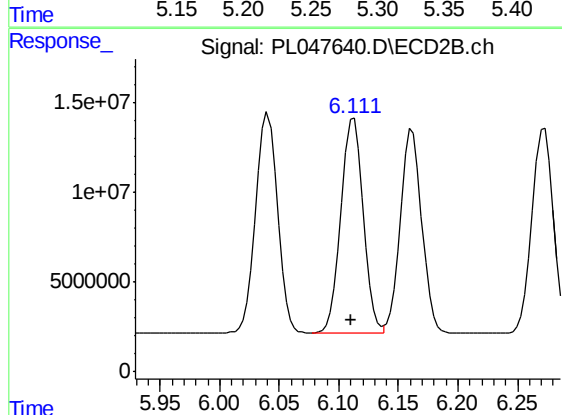
R.T.: 6.041 min  
Delta R.T.: 0.004 min  
Response: 155773791  
Conc: 388.27 ng/ml



#26 Chlordane-4

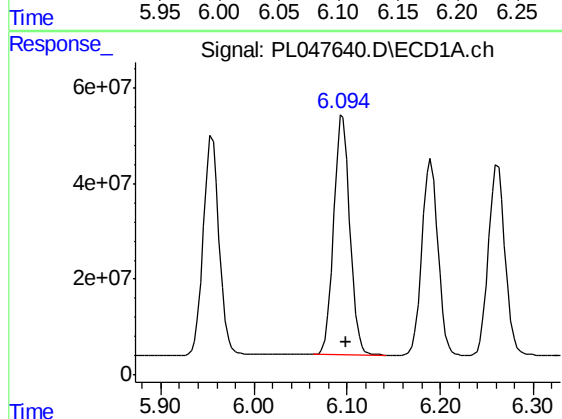
R.T.: 5.276 min  
Delta R.T.: 0.000 min  
Response: 681065013  
Conc: 537.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



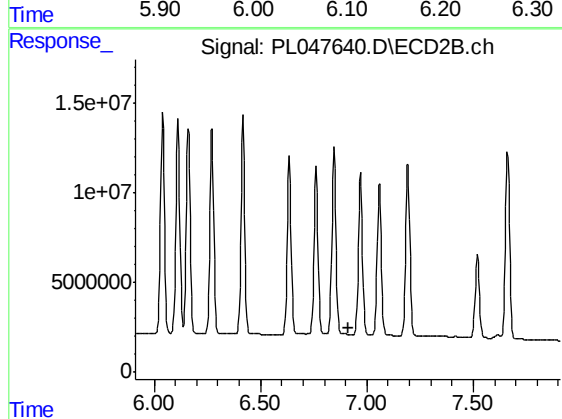
#26 Chlordane-4

R.T.: 6.112 min  
Delta R.T.: 0.002 min  
Response: 154780054  
Conc: 327.64 ng/ml



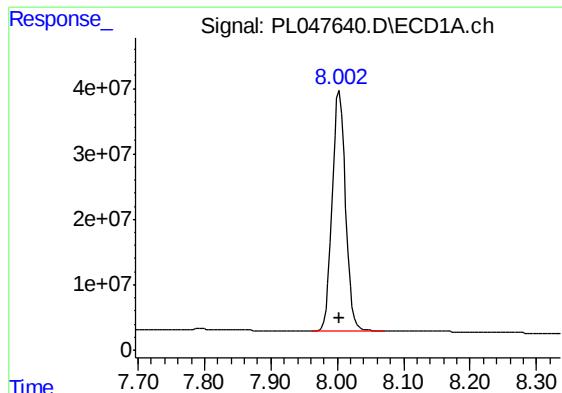
#27 Chlordane-5

R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 606392480  
Conc: 1553.62 ng/ml



#27 Chlordane-5

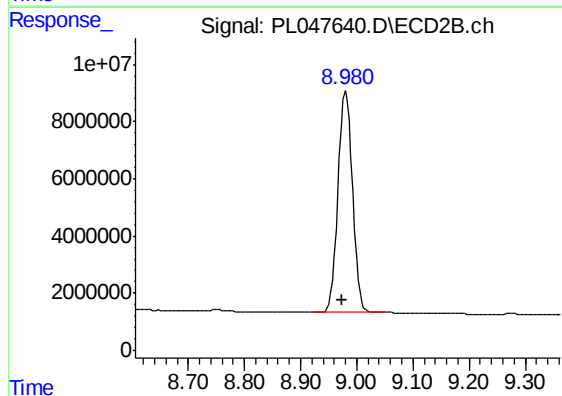
R.T.: 0.000 min  
Exp R.T. : 6.912 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.003 min  
Delta R.T.: 0.000 min  
Response: 511329405  
Conc: 50.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.981 min  
Delta R.T.: 0.006 min  
Response: 139100448  
Conc: 45.82 ng/ml