

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040219\  
 Data File : PL046904.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Apr 2019 16:55  
 Operator : AJ\SJ  
 Sample : K1695-08MSD  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 DPC-91723-SO-TP5-BMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 03 01:16:57 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... | 3.358 | 3.977  | 160.3E6 | 53099525 | 22.042   | 23.192     |
| 28)                         | SA Decachlor... | 8.036 | 9.030  | 203.4E6 | 63209441 | 24.185   | 27.263     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.788 | 4.367  | 725.4E6 | 209.8E6  | 62.199   | 65.278     |
| 3)                          | MA gamma-BHC... | 4.065 | 4.651  | 692.4E6 | 198.5E6  | 64.441   | 66.324     |
| 4)                          | MA Heptachlor   | 4.351 | 5.157  | 715.5E6 | 203.5E6  | 64.901   | 66.168     |
| 5)                          | MB Aldrin       | 4.592 | 5.461  | 669.1E6 | 195.9E6  | 64.869   | 68.368     |
| 6)                          | B beta-BHC      | 4.318 | 4.824  | 289.5E6 | 89977176 | 64.306   | 67.872     |
| 7)                          | B delta-BHC     | 4.513 | 5.040  | 664.9E6 | 152.9E6  | 65.680   | 65.921     |
| 8)                          | B Heptachlor... | 5.029 | 5.847  | 660.8E6 | 172.4E6  | 67.746   | 65.369     |
| 9)                          | A Endosulfan I  | 5.361 | 6.204  | 618.8E6 | 182.3E6  | 65.814   | 69.834     |
| 10)                         | B gamma-Chl...  | 5.252 | 6.082  | 707.6E6 | 196.9E6  | 68.881   | 69.393     |
| 11)                         | B alpha-Chl...  | 5.308 | 6.154  | 689.0E6 | 197.6E6  | 67.960   | 69.665     |
| 12)                         | B 4,4'-DDE      | 5.475 | 6.312  | 671.9E6 | 182.6E6  | 72.977   | 73.551     |
| 13)                         | MA Dieldrin     | 5.601 | 6.460  | 712.7E6 | 191.2E6  | 71.013   | 70.535     |
| 14)                         | MA Endrin       | 5.854 | 6.678  | 667.4E6 | 169.9E6  | 70.852   | 71.083     |
| 15)                         | B Endosulfa...  | 6.128 | 6.888  | 616.5E6 | 167.3E6  | 68.804   | 69.342     |
| 16)                         | A 4,4'-DDD      | 5.987 | 6.802  | 580.5E6 | 158.2E6  | 76.799   | 78.627     |
| 17)                         | MA 4,4'-DDT     | 6.222 | 7.100  | 582.3E6 | 152.6E6  | 76.875   | 72.766     |
| 18)                         | B Endrin al...  | 6.295 | 7.012  | 491.4E6 | 138.6E6  | 65.557   | 65.269     |
| 19)                         | B Endosulfa...  | 6.506 | 7.235  | 663.5E6 | 166.4E6  | 80.809   | 70.556     |
| 20)                         | A Methoxychlor  | 6.766 | 7.559  | 303.5E6 | 89643007 | 71.408   | 70.321     |
| 21)                         | B Endrin ke...  | 6.989 | 7.704  | 644.2E6 | 178.0E6  | 69.670   | 71.635     |
| 22)                         | Mirex           | 7.166 | 8.156  | 448.6E6 | 129.6E6  | 61.575   | 64.792     |
| 24)                         | Chlordane-2     | 0.000 | 5.461f | 0       | 195.9E6  | N.D.     | 1676.849 # |
| 25)                         | Chlordane-3     | 5.252 | 6.082  | 707.6E6 | 196.9E6  | 635.360  | 516.549    |
| 26)                         | Chlordane-4     | 5.308 | 6.154  | 689.0E6 | 197.6E6  | 666.353  | 428.272 #  |
| 27)                         | Chlordane-5     | 6.128 | 0.000  | 616.5E6 | 0        | 1806.388 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

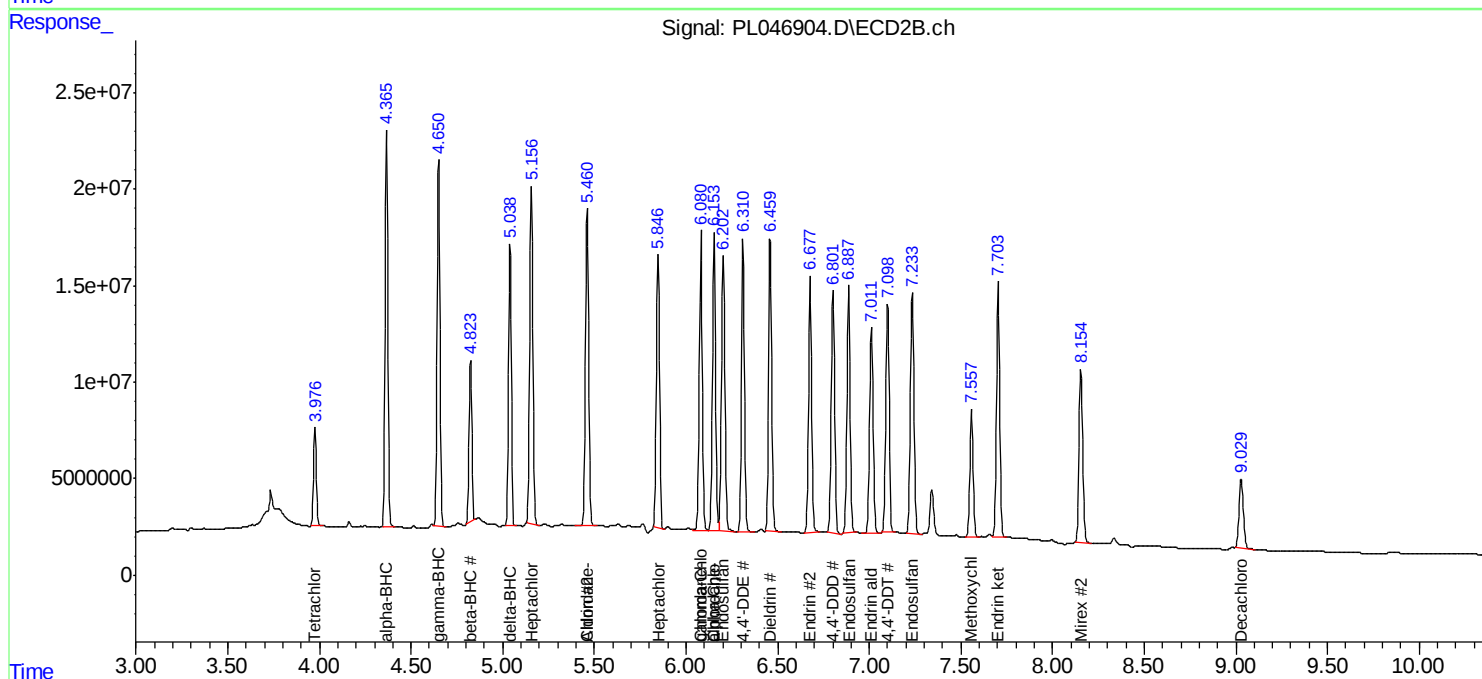
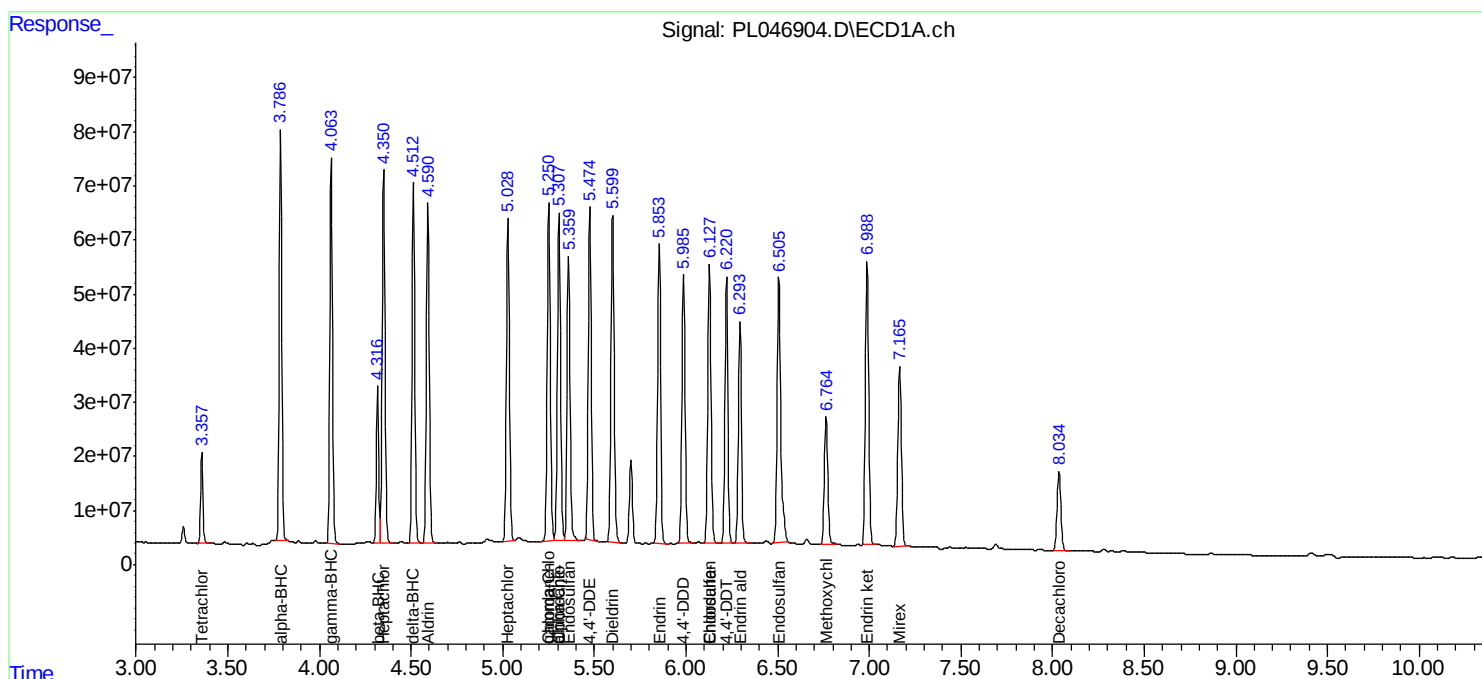
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

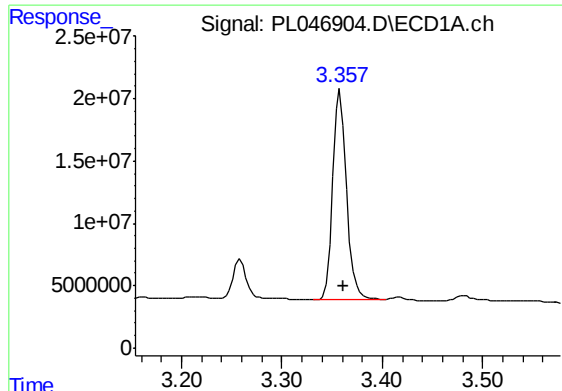
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040219\  
Data File : PL046904.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Apr 2019 16:55  
Operator : AJ\SJ  
Sample : K1695-08MSD  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
DPC-91723-SO-TP5-BMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 03 01:16:57 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

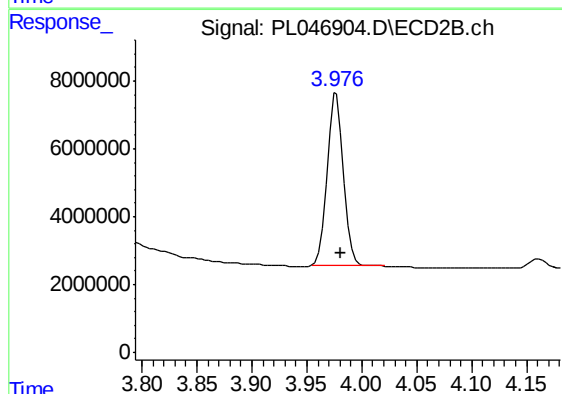




#1 Tetrachloro-m-xylene

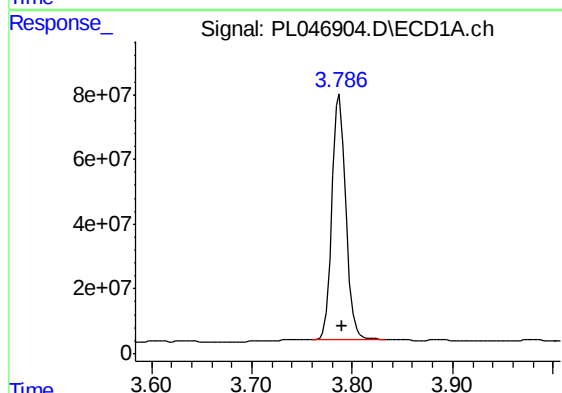
R.T.: 3.358 min  
Delta R.T.: -0.003 min  
Response: 160347655  
Conc: 22.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DPC-91723-SO-TP5-BMSD



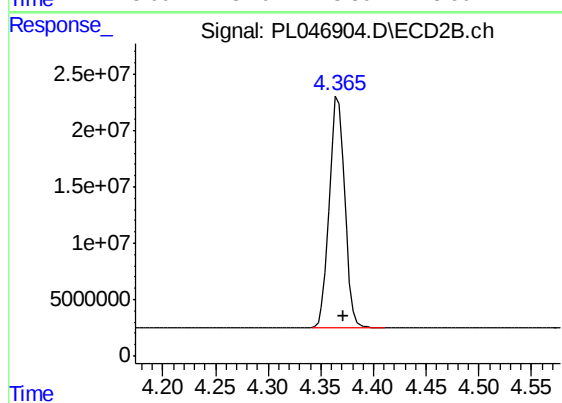
#1 Tetrachloro-m-xylene

R.T.: 3.977 min  
Delta R.T.: -0.004 min  
Response: 53099525  
Conc: 23.19 ng/ml



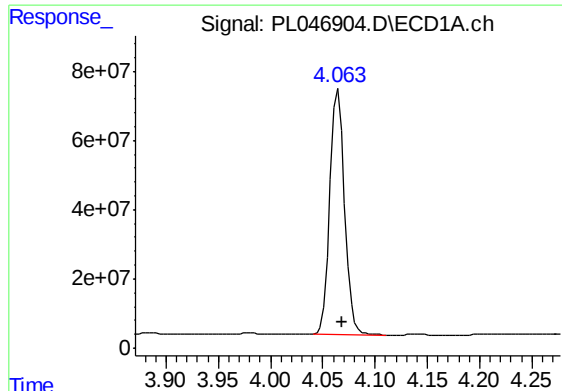
#2 alpha-BHC

R.T.: 3.788 min  
Delta R.T.: -0.003 min  
Response: 725361287  
Conc: 62.20 ng/ml



#2 alpha-BHC

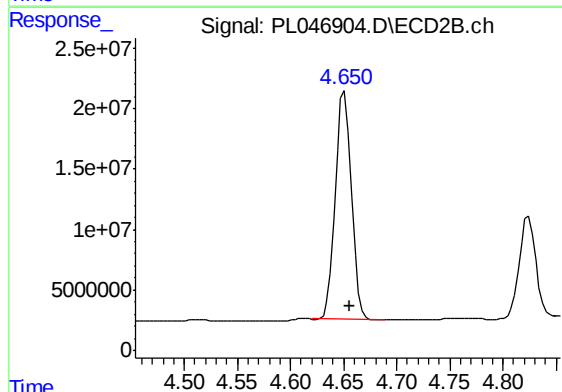
R.T.: 4.367 min  
Delta R.T.: -0.004 min  
Response: 209758849  
Conc: 65.28 ng/ml



#3 gamma-BHC (Lindane)

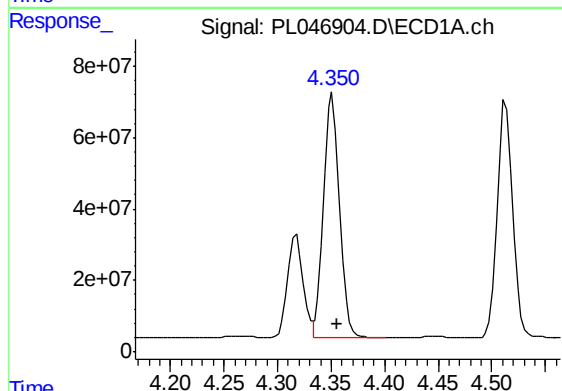
R.T.: 4.065 min  
Delta R.T.: -0.003 min  
Response: 692390498  
Conc: 64.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DPC-91723-SO-TP5-BMSD



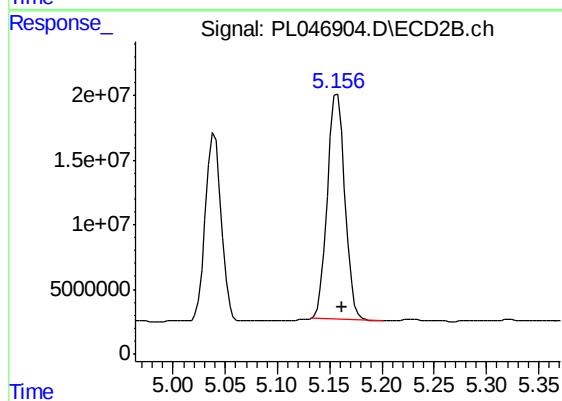
#3 gamma-BHC (Lindane)

R.T.: 4.651 min  
Delta R.T.: -0.005 min  
Response: 198508035  
Conc: 66.32 ng/ml



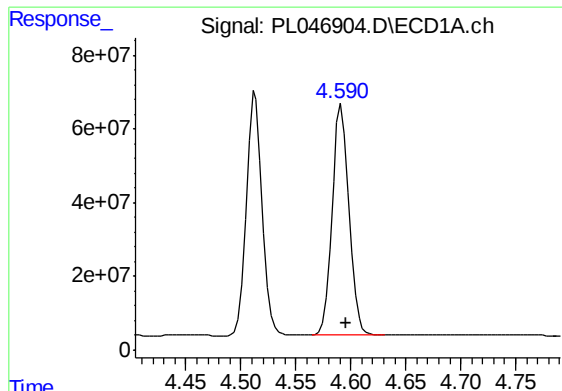
#4 Heptachlor

R.T.: 4.351 min  
Delta R.T.: -0.004 min  
Response: 715548390  
Conc: 64.90 ng/ml



#4 Heptachlor

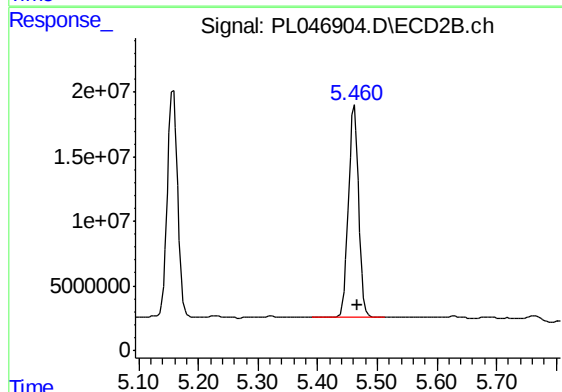
R.T.: 5.157 min  
Delta R.T.: -0.005 min  
Response: 203524112  
Conc: 66.17 ng/ml



#5 Aldrin

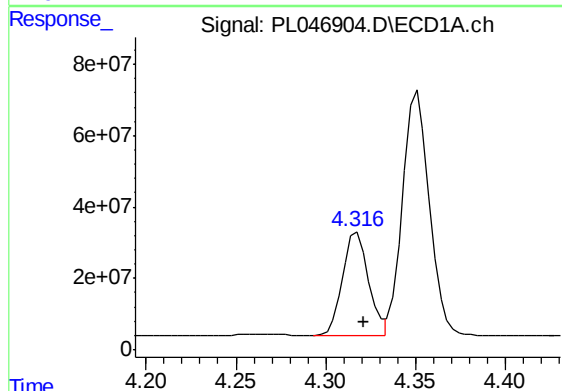
R.T.: 4.592 min  
Delta R.T.: -0.004 min  
Response: 669123605  
Conc: 64.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DPC-91723-SO-TP5-BMSD



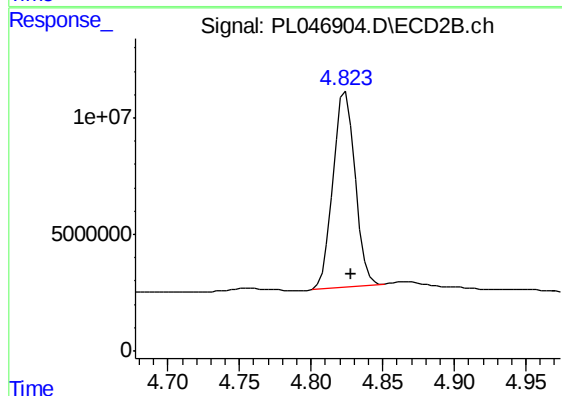
#5 Aldrin

R.T.: 5.461 min  
Delta R.T.: -0.005 min  
Response: 195871434  
Conc: 68.37 ng/ml



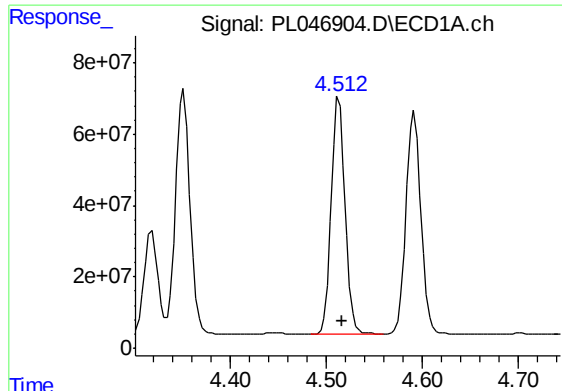
#6 beta-BHC

R.T.: 4.318 min  
Delta R.T.: -0.003 min  
Response: 289533429  
Conc: 64.31 ng/ml



#6 beta-BHC

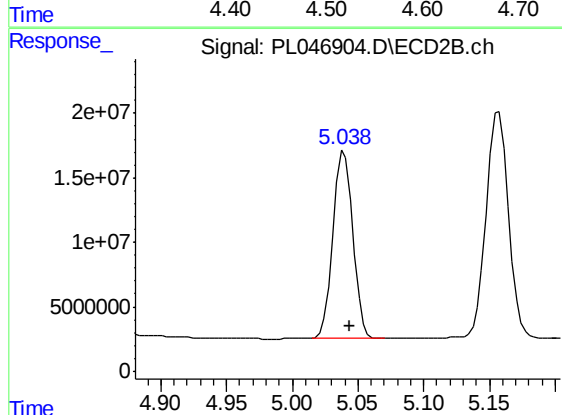
R.T.: 4.824 min  
Delta R.T.: -0.004 min  
Response: 89977176  
Conc: 67.87 ng/ml



#7 delta-BHC

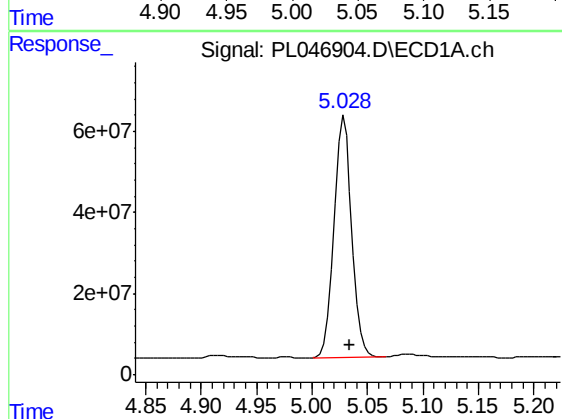
R.T.: 4.513 min  
Delta R.T.: -0.004 min  
Response: 664882745  
Conc: 65.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DPC-91723-SO-TP5-BMSD



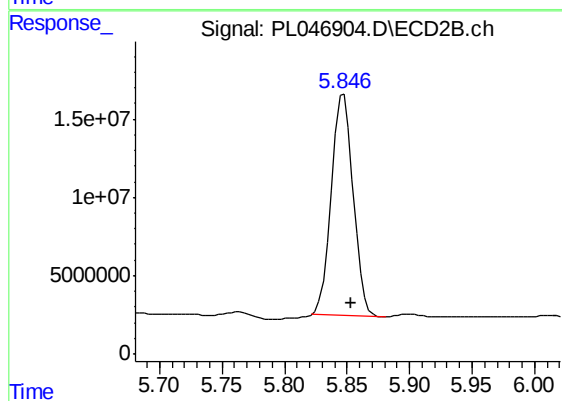
#7 delta-BHC

R.T.: 5.040 min  
Delta R.T.: -0.004 min  
Response: 152949203  
Conc: 65.92 ng/ml



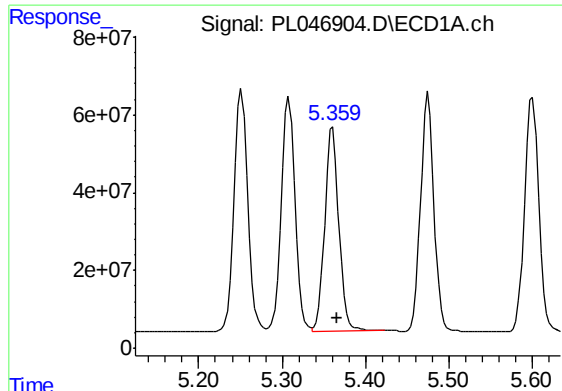
#8 Heptachlor epoxide

R.T.: 5.029 min  
Delta R.T.: -0.005 min  
Response: 660762773  
Conc: 67.75 ng/ml



#8 Heptachlor epoxide

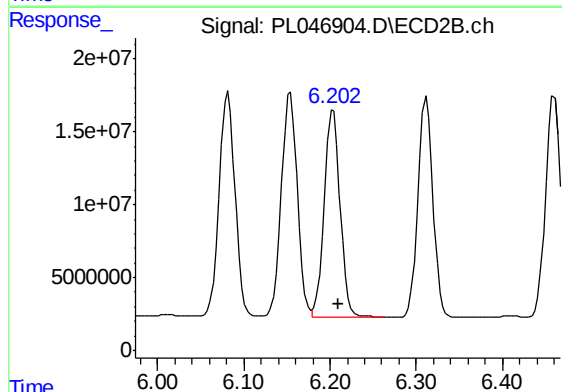
R.T.: 5.847 min  
Delta R.T.: -0.006 min  
Response: 172389318  
Conc: 65.37 ng/ml



#9 Endosulfan I

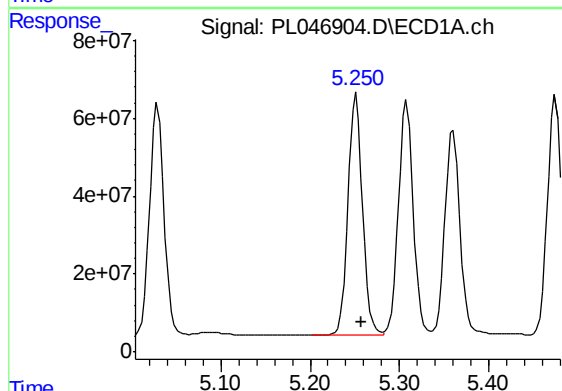
R.T.: 5.361 min  
Delta R.T.: -0.006 min  
Response: 618802297  
Conc: 65.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DPC-91723-SO-TP5-BMSD



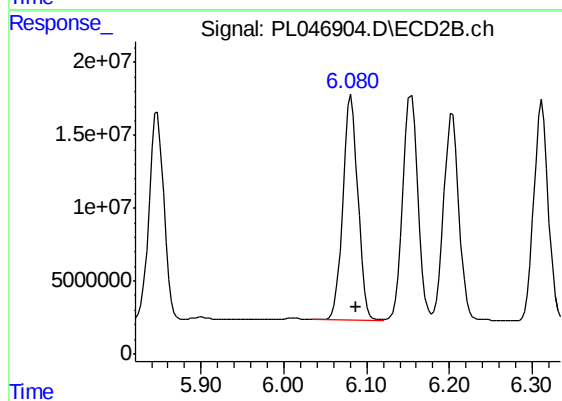
#9 Endosulfan I

R.T.: 6.204 min  
Delta R.T.: -0.007 min  
Response: 182257320  
Conc: 69.83 ng/ml



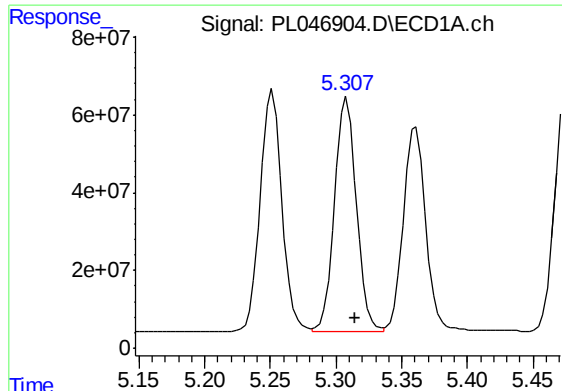
#10 gamma-Chlordane

R.T.: 5.252 min  
Delta R.T.: -0.005 min  
Response: 707583264  
Conc: 68.88 ng/ml



#10 gamma-Chlordane

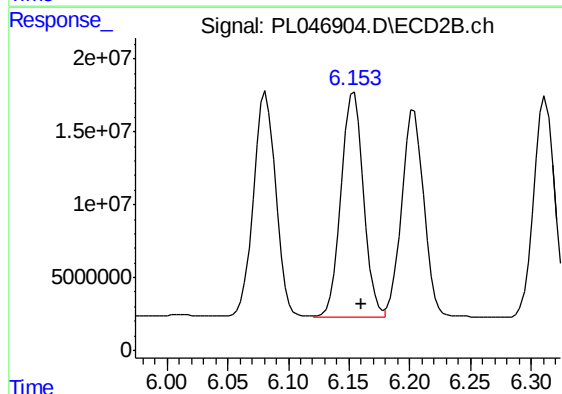
R.T.: 6.082 min  
Delta R.T.: -0.006 min  
Response: 196943509  
Conc: 69.39 ng/ml



#11 alpha-Chlordane

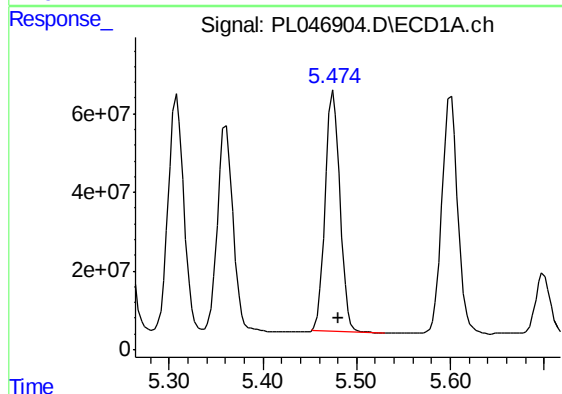
R.T.: 5.308 min  
Delta R.T.: -0.006 min  
Response: 689048276  
Conc: 67.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DPC-91723-SO-TP5-BMSD



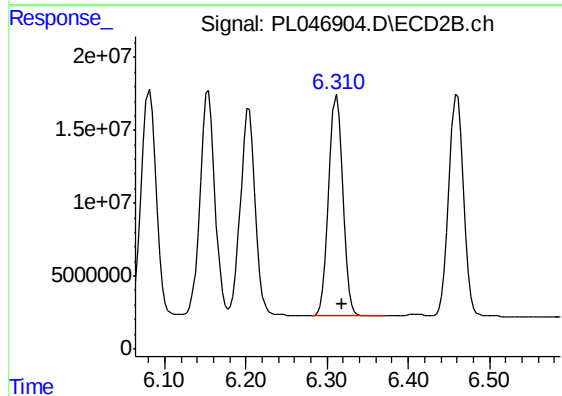
#11 alpha-Chlordane

R.T.: 6.154 min  
Delta R.T.: -0.006 min  
Response: 197615413  
Conc: 69.66 ng/ml



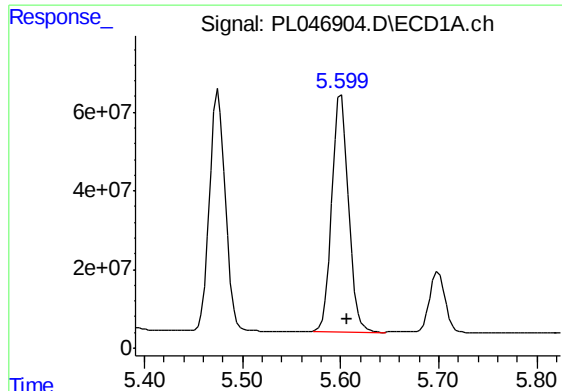
#12 4,4'-DDE

R.T.: 5.475 min  
Delta R.T.: -0.005 min  
Response: 671896202  
Conc: 72.98 ng/ml



#12 4,4'-DDE

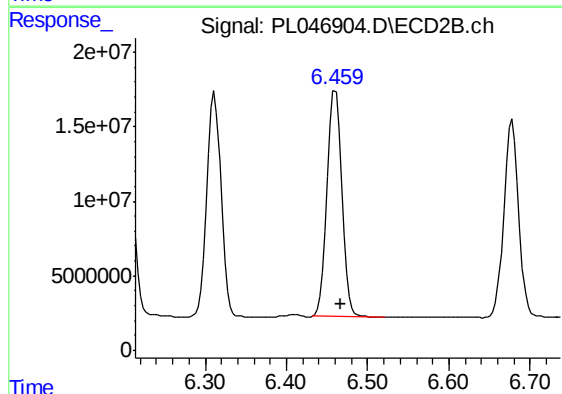
R.T.: 6.312 min  
Delta R.T.: -0.006 min  
Response: 182578451  
Conc: 73.55 ng/ml



#13 Dieldrin

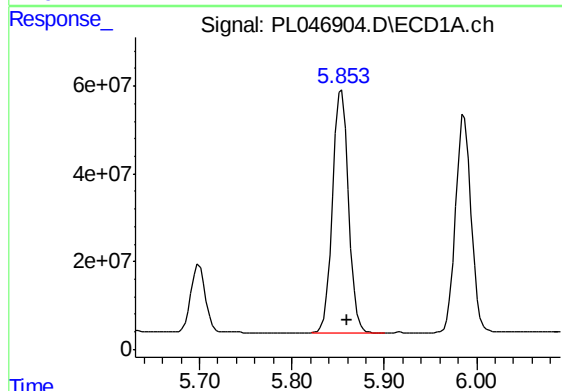
R.T.: 5.601 min  
Delta R.T.: -0.006 min  
Response: 712655528  
Conc: 71.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DPC-91723-SO-TP5-BMSD



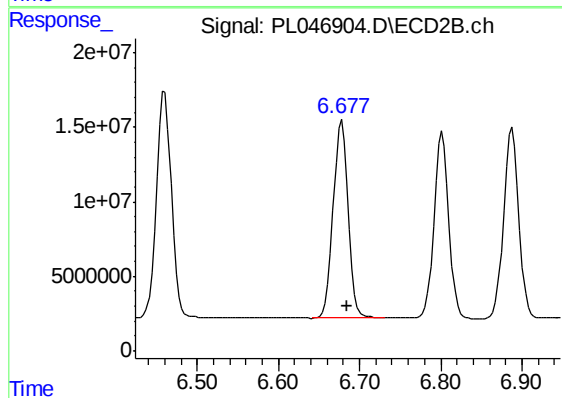
#13 Dieldrin

R.T.: 6.460 min  
Delta R.T.: -0.007 min  
Response: 191196705  
Conc: 70.53 ng/ml



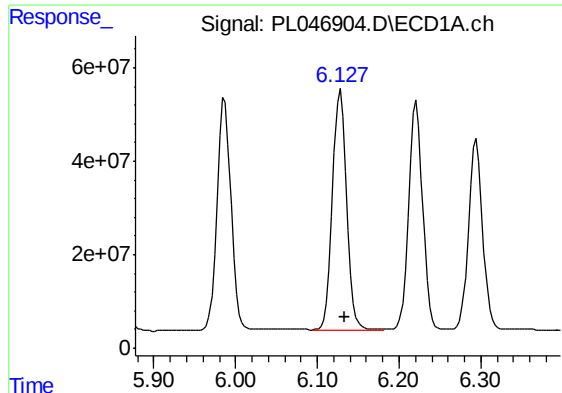
#14 Endrin

R.T.: 5.854 min  
Delta R.T.: -0.006 min  
Response: 667372627  
Conc: 70.85 ng/ml



#14 Endrin

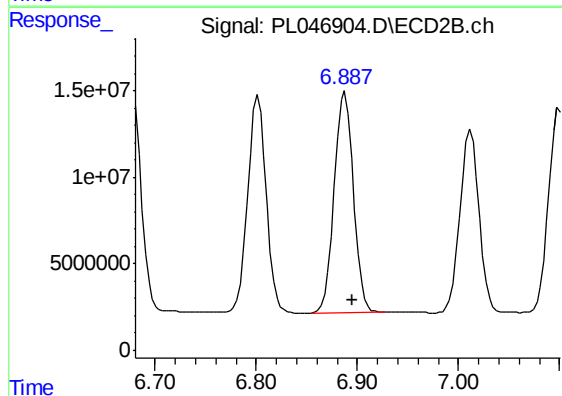
R.T.: 6.678 min  
Delta R.T.: -0.006 min  
Response: 169871756  
Conc: 71.08 ng/ml



#15 Endosulfan II

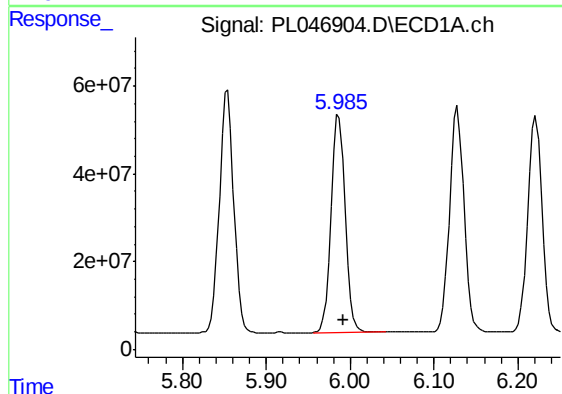
R.T.: 6.128 min  
Delta R.T.: -0.006 min  
Response: 616460832  
Conc: 68.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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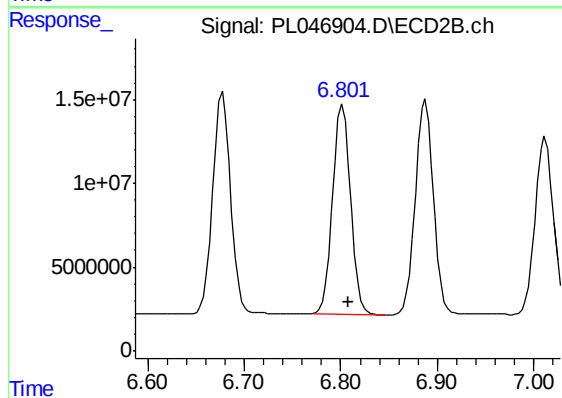
#15 Endosulfan II

R.T.: 6.888 min  
Delta R.T.: -0.007 min  
Response: 167315696  
Conc: 69.34 ng/ml



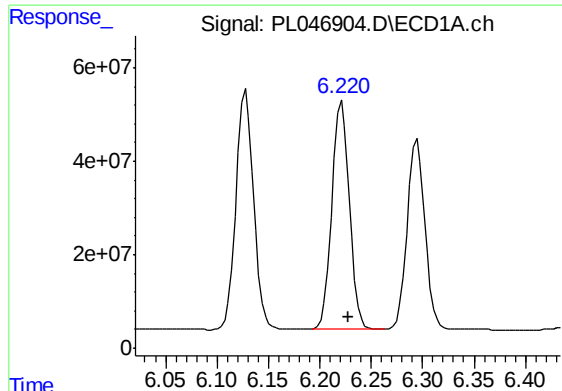
#16 4,4'-DDD

R.T.: 5.987 min  
Delta R.T.: -0.006 min  
Response: 580531213  
Conc: 76.80 ng/ml



#16 4,4'-DDD

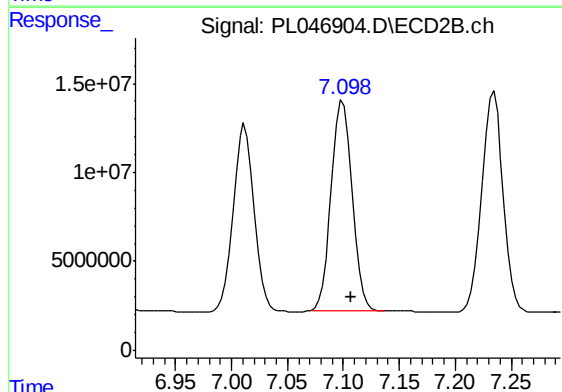
R.T.: 6.802 min  
Delta R.T.: -0.007 min  
Response: 158200114  
Conc: 78.63 ng/ml



#17 4,4'-DDT

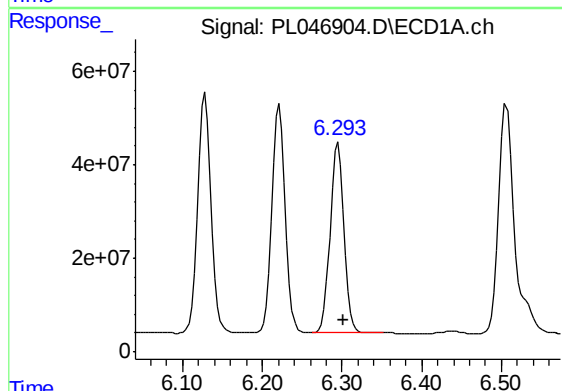
R.T.: 6.222 min  
Delta R.T.: -0.006 min  
Response: 582276231  
Conc: 76.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DPC-91723-SO-TP5-BMSD



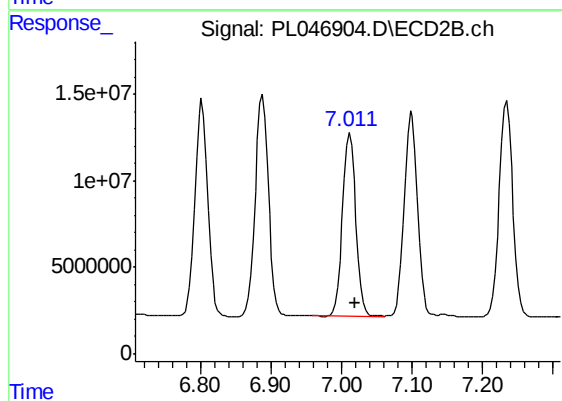
#17 4,4'-DDT

R.T.: 7.100 min  
Delta R.T.: -0.007 min  
Response: 152586598  
Conc: 72.77 ng/ml



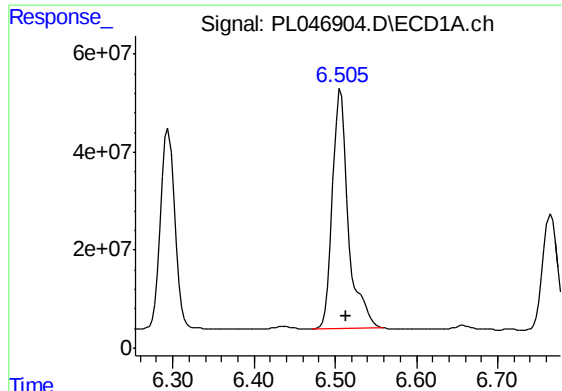
#18 Endrin aldehyde

R.T.: 6.295 min  
Delta R.T.: -0.007 min  
Response: 491361407  
Conc: 65.56 ng/ml



#18 Endrin aldehyde

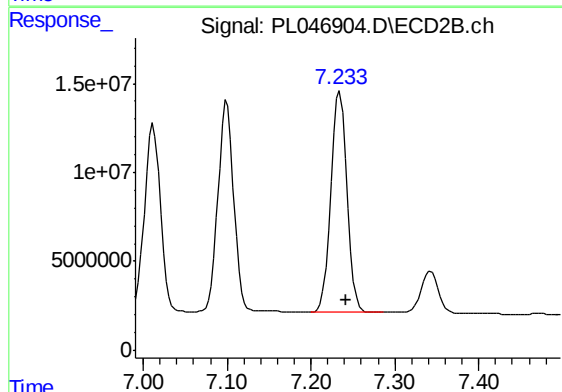
R.T.: 7.012 min  
Delta R.T.: -0.007 min  
Response: 138630476  
Conc: 65.27 ng/ml



#19 Endosulfan Sulfate

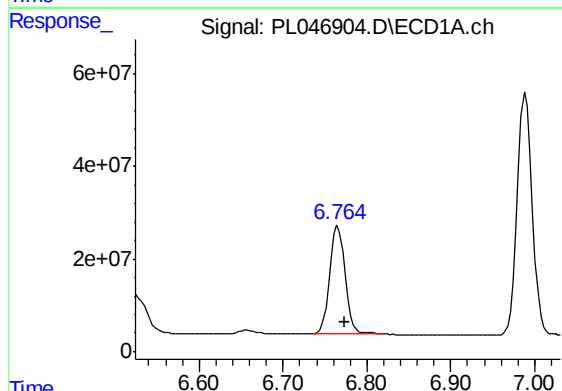
R.T.: 6.506 min  
Delta R.T.: -0.006 min  
Response: 663538694  
Conc: 80.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DPC-91723-SO-TP5-BMSD



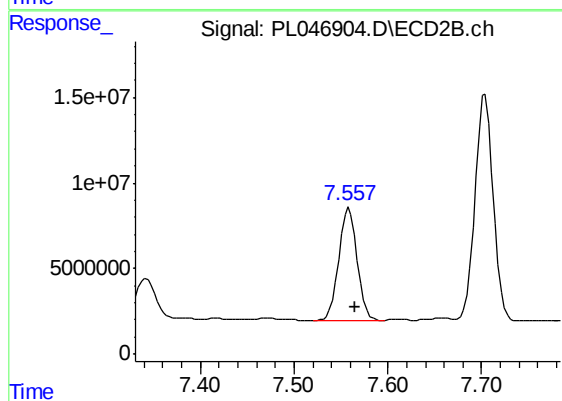
#19 Endosulfan Sulfate

R.T.: 7.235 min  
Delta R.T.: -0.007 min  
Response: 166442949  
Conc: 70.56 ng/ml



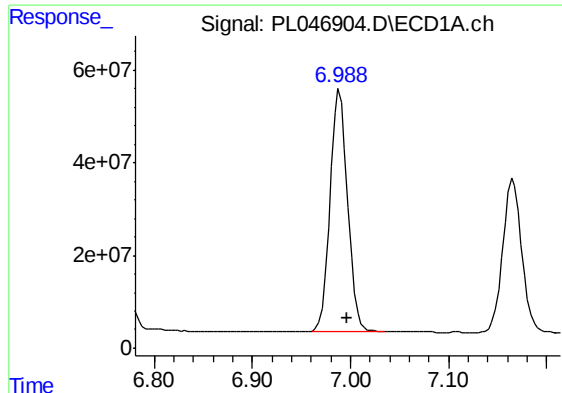
#20 Methoxychlor

R.T.: 6.766 min  
Delta R.T.: -0.008 min  
Response: 303474553  
Conc: 71.41 ng/ml



#20 Methoxychlor

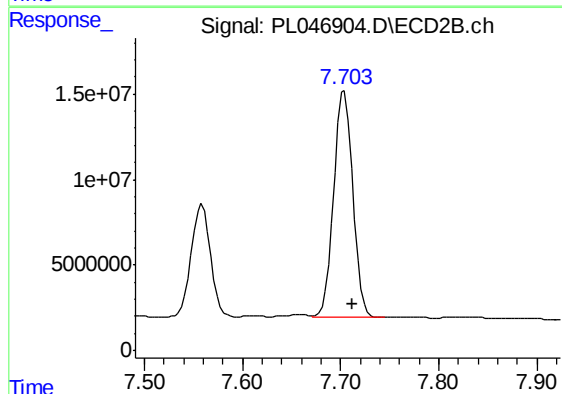
R.T.: 7.559 min  
Delta R.T.: -0.007 min  
Response: 89643007  
Conc: 70.32 ng/ml



#21 Endrin ketone

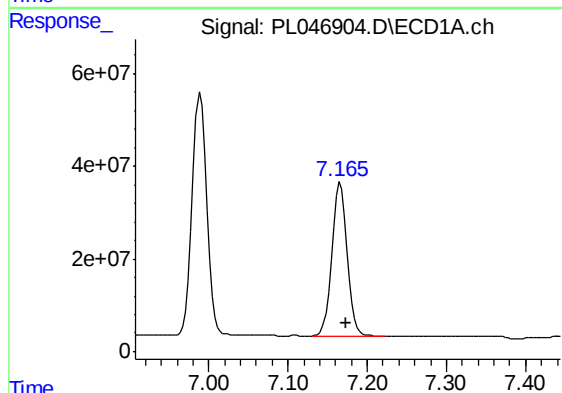
R.T.: 6.989 min  
Delta R.T.: -0.007 min  
Response: 644227018  
Conc: 69.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DPC-91723-SO-TP5-BMSD



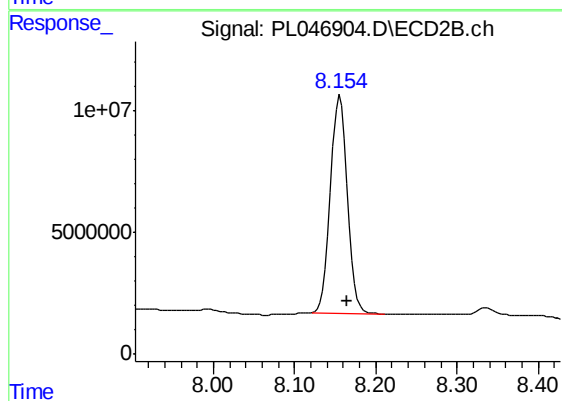
#21 Endrin ketone

R.T.: 7.704 min  
Delta R.T.: -0.008 min  
Response: 177981239  
Conc: 71.64 ng/ml



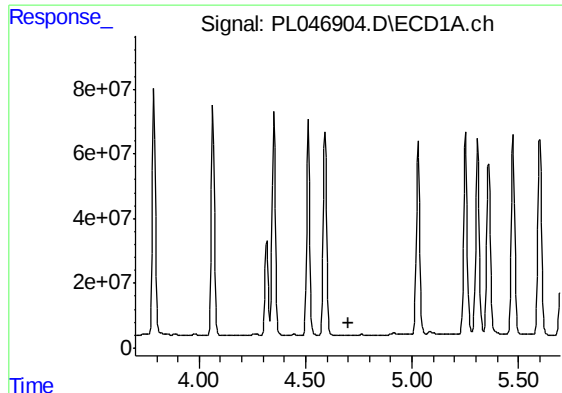
#22 Mirex

R.T.: 7.166 min  
Delta R.T.: -0.007 min  
Response: 448605296  
Conc: 61.57 ng/ml



#22 Mirex

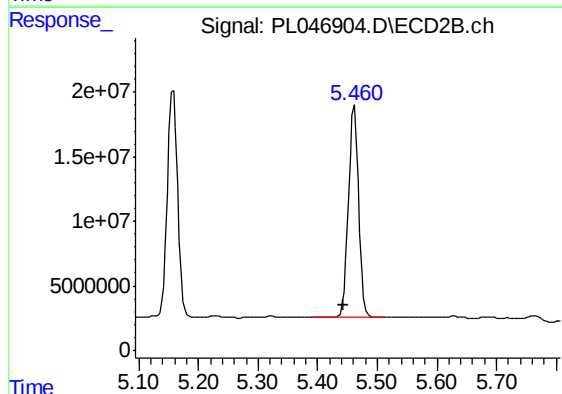
R.T.: 8.156 min  
Delta R.T.: -0.009 min  
Response: 129595834  
Conc: 64.79 ng/ml



#24 Chlordane-2

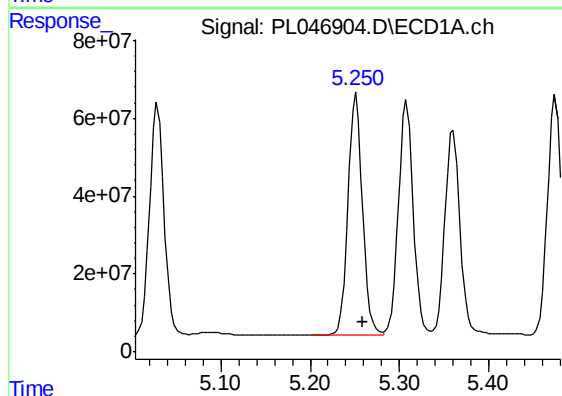
R.T.: 0.000 min  
Exp R.T.: 4.701 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
DPC-91723-SO-TP5-BMSD



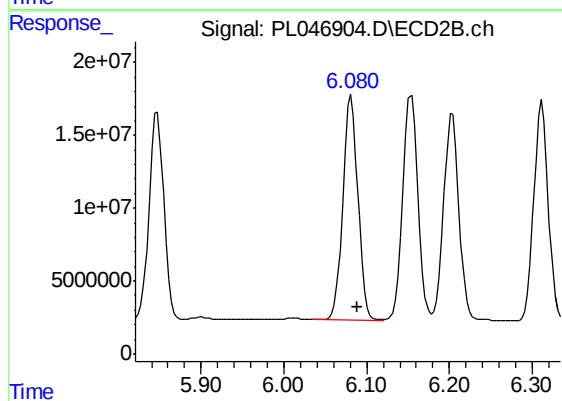
#24 Chlordane-2

R.T.: 5.461 min  
Delta R.T.: 0.019 min  
Response: 195871434  
Conc: 1676.85 ng/ml



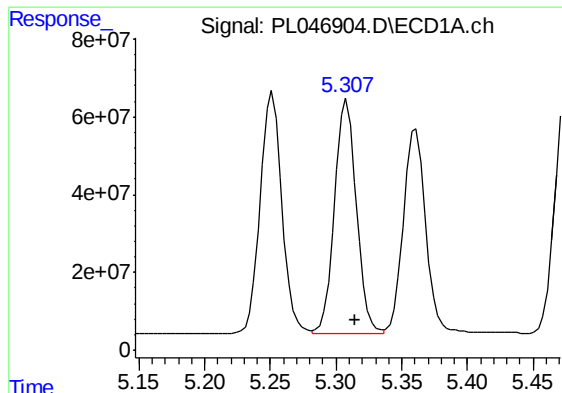
#25 Chlordane-3

R.T.: 5.252 min  
Delta R.T.: -0.007 min  
Response: 707583264  
Conc: 635.36 ng/ml



#25 Chlordane-3

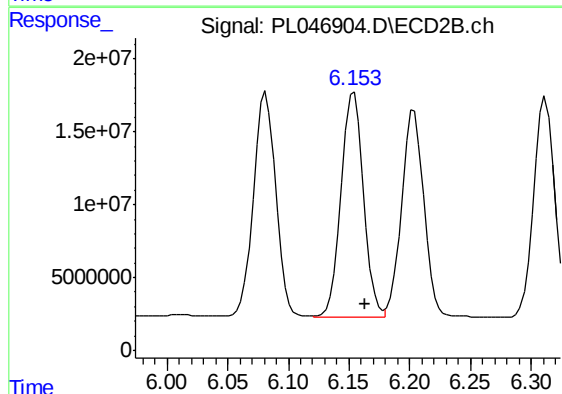
R.T.: 6.082 min  
Delta R.T.: -0.007 min  
Response: 196943509  
Conc: 516.55 ng/ml



#26 Chlordane-4

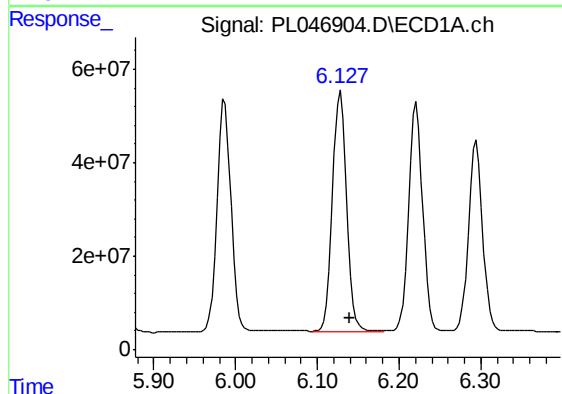
R.T.: 5.308 min  
Delta R.T.: -0.006 min  
Response: 689048276  
Conc: 666.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DPC-91723-SO-TP5-BMSD



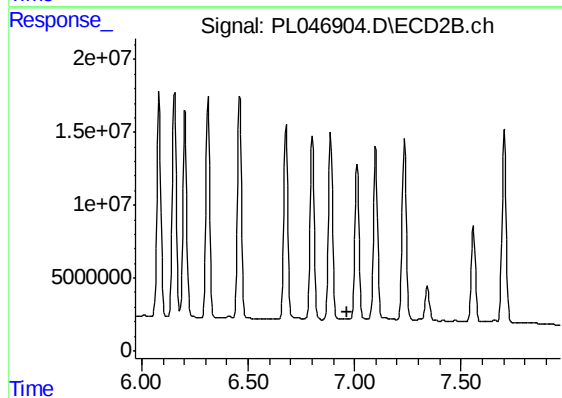
#26 Chlordane-4

R.T.: 6.154 min  
Delta R.T.: -0.009 min  
Response: 197615413  
Conc: 428.27 ng/ml



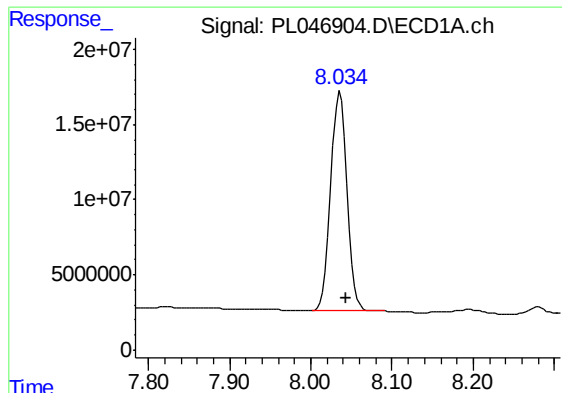
#27 Chlordane-5

R.T.: 6.128 min  
Delta R.T.: -0.011 min  
Response: 616460832  
Conc: 1806.39 ng/ml



#27 Chlordane-5

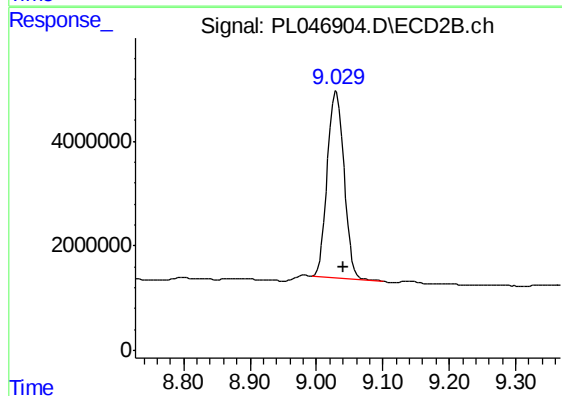
R.T.: 0.000 min  
Exp R.T. : 6.967 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.036 min  
Delta R.T.: -0.008 min  
Response: 203423012  
Conc: 24.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DPC-91723-SO-TP5-BMSD



#28 Decachlorobiphenyl

R.T.: 9.030 min  
Delta R.T.: -0.010 min  
Response: 63209441  
Conc: 27.26 ng/ml