

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062619\  
 Data File : PL049904.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jun 2019 23:01  
 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: Jun 27 01:05:42 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 21 02:23:20 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... | 3.323 | 3.933 | 604.2E6  | 162.5E6  | 53.578 | 53.073 |
| 28)                         | SA Decachlor... | 7.986 | 8.968 | 567.8E6  | 160.4E6  | 44.687 | 47.780 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.750 | 4.322 | 1014.8E6 | 243.1E6  | 54.013 | 54.303 |
| 3)                          | MA gamma-BHC... | 4.026 | 4.605 | 938.2E6  | 224.8E6  | 52.912 | 54.196 |
| 4)                          | MA Heptachlor   | 4.310 | 5.107 | 966.7E6  | 228.9E6  | 53.180 | 52.884 |
| 5)                          | MB Aldrin       | 4.548 | 5.410 | 913.8E6  | 210.3E6  | 52.918 | 53.695 |
| 6)                          | B beta-BHC      | 4.280 | 4.781 | 387.7E6  | 101.3E6  | 53.003 | 52.300 |
| 7)                          | B delta-BHC     | 4.473 | 4.995 | 956.8E6  | 216.4E6  | 53.502 | 54.951 |
| 8)                          | B Heptachlo...  | 4.985 | 5.797 | 837.4E6  | 195.7E6  | 52.023 | 53.836 |
| 9)                          | A Endosulfan I  | 5.315 | 6.151 | 783.8E6  | 176.7E6  | 50.661 | 52.004 |
| 10)                         | B gamma-Chl...  | 5.206 | 6.030 | 880.2E6  | 195.9E6  | 51.507 | 52.580 |
| 11)                         | B alpha-Chl...  | 5.263 | 6.102 | 847.1E6  | 192.4E6  | 51.033 | 52.023 |
| 12)                         | B 4,4'-DDE      | 5.430 | 6.262 | 853.2E6  | 183.4E6  | 51.217 | 52.842 |
| 13)                         | MA Dieldrin     | 5.554 | 6.408 | 846.7E6  | 184.8E6  | 50.828 | 52.092 |
| 14)                         | MA Endrin       | 5.806 | 6.625 | 762.8E6  | 153.6E6  | 47.631 | 48.642 |
| 15)                         | B Endosulfa...  | 6.082 | 6.837 | 725.7E6  | 161.3E6  | 49.803 | 50.095 |
| 16)                         | A 4,4'-DDD      | 5.941 | 6.753 | 683.3E6  | 139.0E6  | 54.129 | 53.170 |
| 17)                         | MA 4,4'-DDT     | 6.175 | 7.050 | 622.1E6  | 136.6E6  | 46.862 | 46.640 |
| 18)                         | B Endrin al...  | 6.248 | 6.961 | 577.5E6  | 136.8E6  | 48.896 | 49.820 |
| 19)                         | B Endosulfa...  | 6.460 | 7.184 | 635.2E6  | 150.2E6  | 48.993 | 49.894 |
| 20)                         | A Methoxychlor  | 6.720 | 7.511 | 294.9E6  | 77672982 | 45.236 | 46.601 |
| 21)                         | B Endrin ke...  | 6.941 | 7.652 | 689.1E6  | 161.2E6  | 49.026 | 51.744 |
| 22)                         | Mirex           | 7.115 | 8.101 | 465.4E6  | 120.9E6  | 45.019 | 47.821 |
| -----                       |                 |       |       |          |          |        |        |

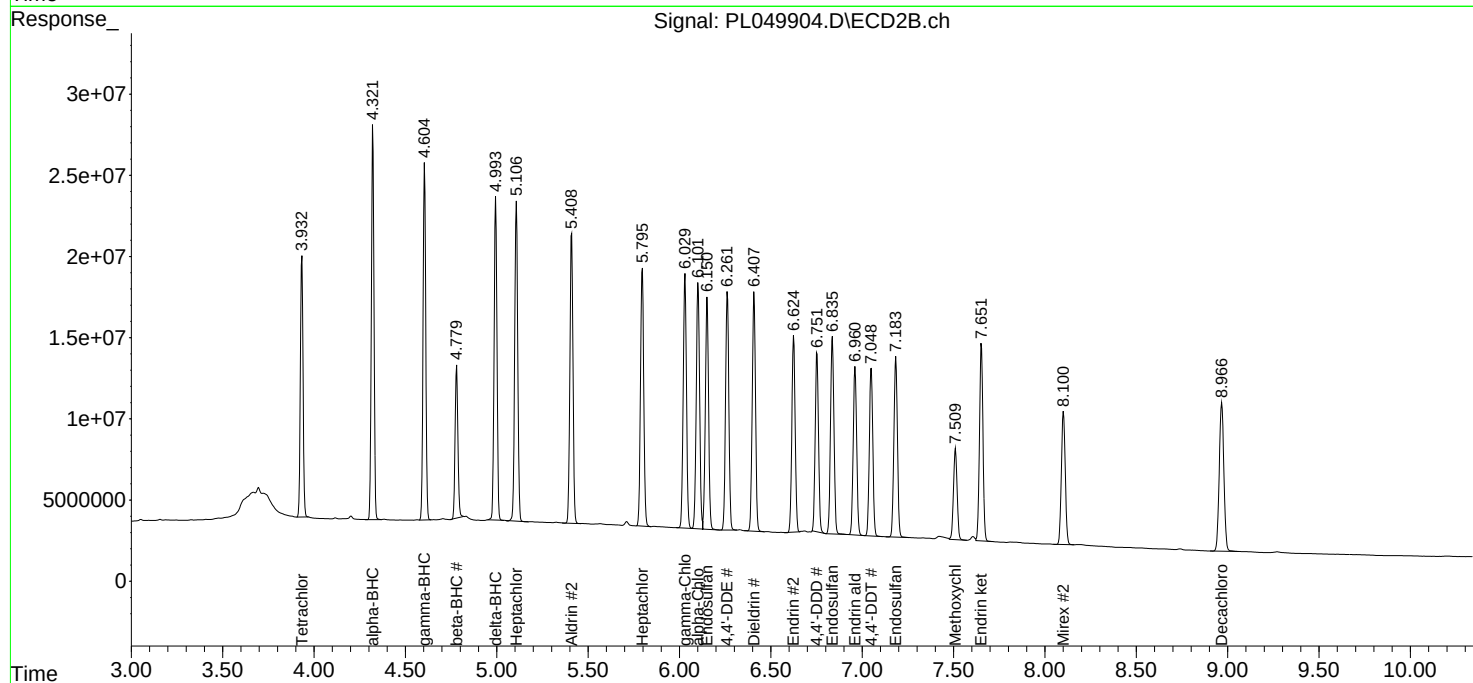
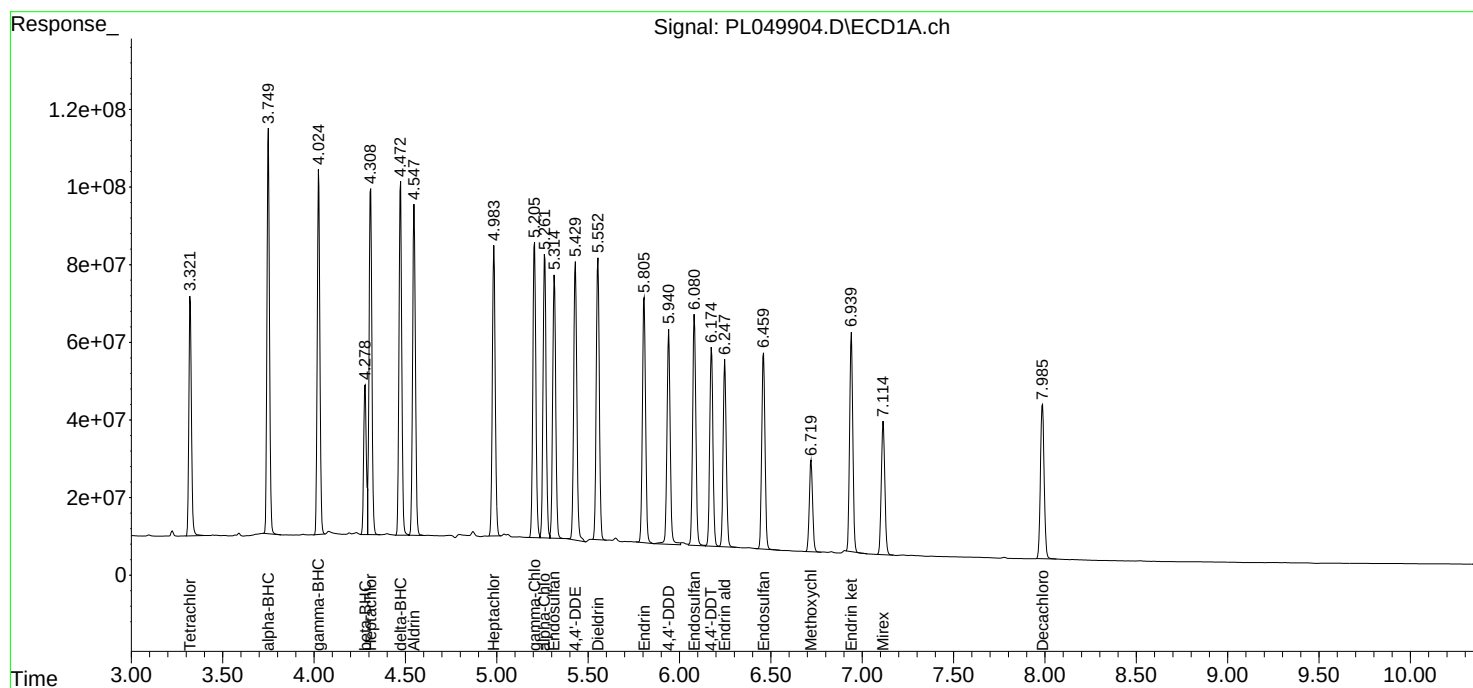
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

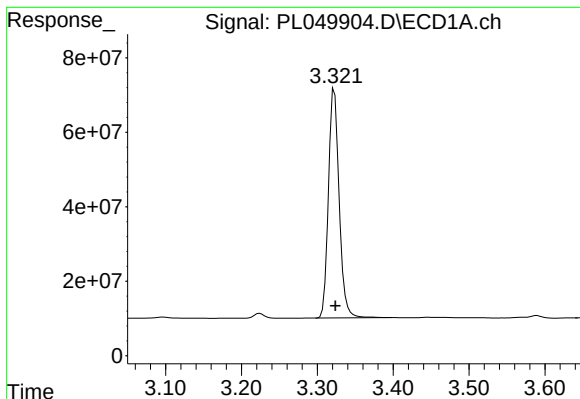
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062619\  
Data File : PL049904.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jun 2019 23:01  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 27 01:05:42 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 21 02:23:20 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

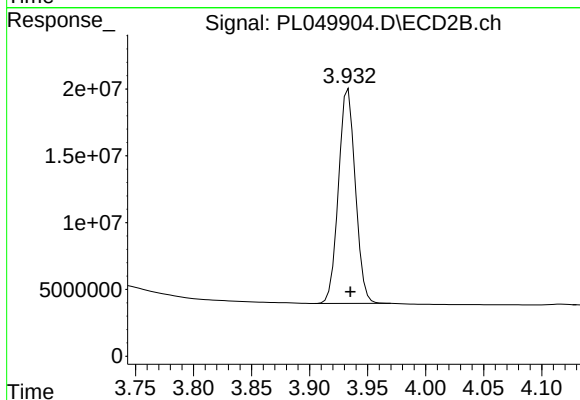




#1 Tetrachloro-m-xylene

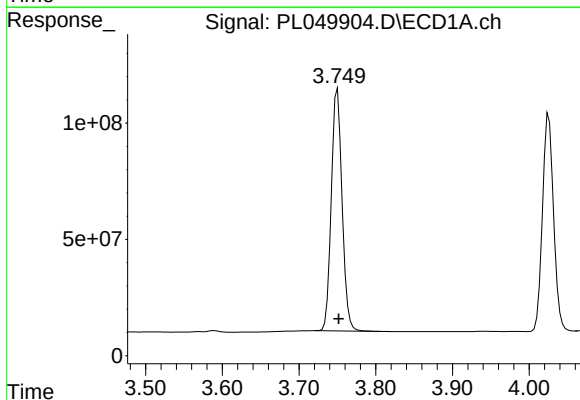
R.T.: 3.323 min  
Delta R.T.: -0.001 min  
Response: 604237118  
Conc: 53.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



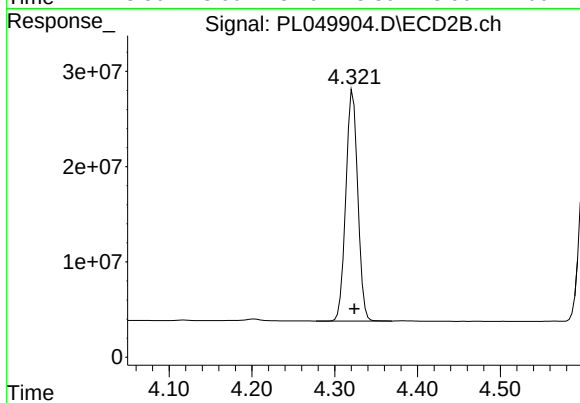
#1 Tetrachloro-m-xylene

R.T.: 3.933 min  
Delta R.T.: -0.002 min  
Response: 162495958  
Conc: 53.07 ng/ml



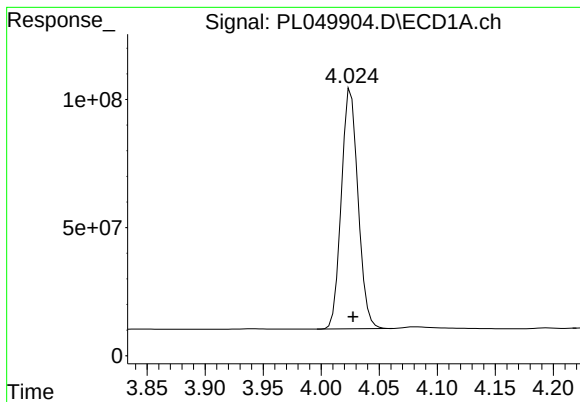
#2 alpha-BHC

R.T.: 3.750 min  
Delta R.T.: -0.002 min  
Response: 1014757325  
Conc: 54.01 ng/ml



#2 alpha-BHC

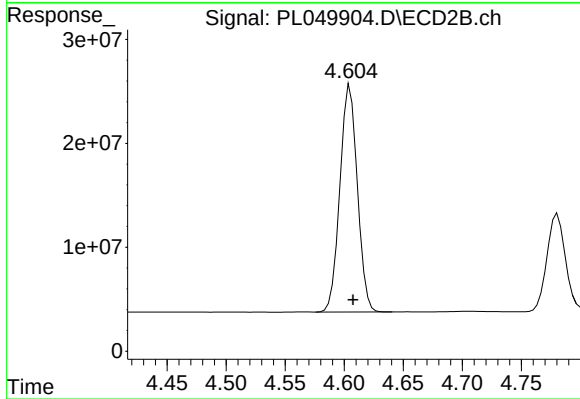
R.T.: 4.322 min  
Delta R.T.: -0.002 min  
Response: 243091246  
Conc: 54.30 ng/ml



#3 gamma-BHC (Lindane)

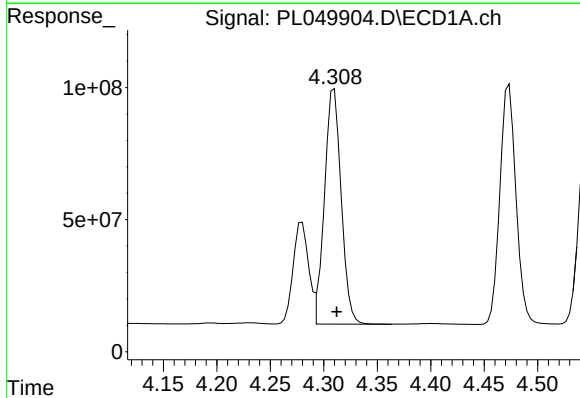
R.T.: 4.026 min  
Delta R.T.: -0.002 min  
Response: 938158421  
Conc: 52.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



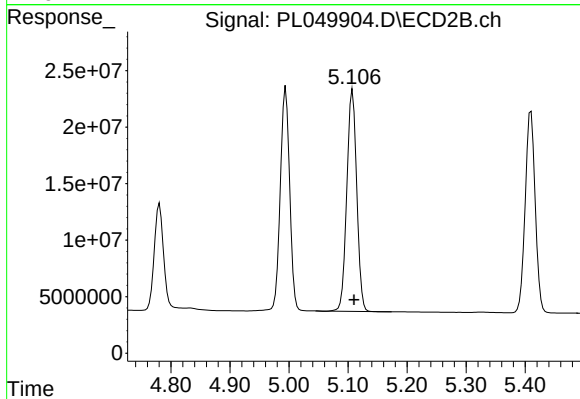
#3 gamma-BHC (Lindane)

R.T.: 4.605 min  
Delta R.T.: -0.002 min  
Response: 224795435  
Conc: 54.20 ng/ml



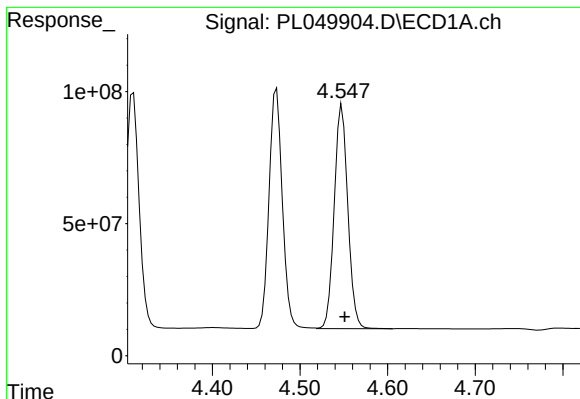
#4 Heptachlor

R.T.: 4.310 min  
Delta R.T.: -0.002 min  
Response: 966661813  
Conc: 53.18 ng/ml



#4 Heptachlor

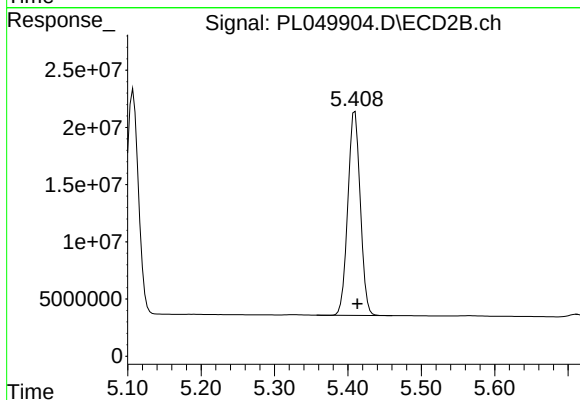
R.T.: 5.107 min  
Delta R.T.: -0.003 min  
Response: 228905822  
Conc: 52.88 ng/ml



#5 Aldrin

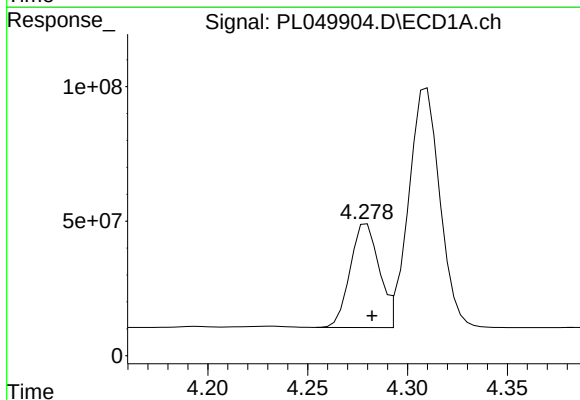
R.T.: 4.548 min  
Delta R.T.: -0.003 min  
Response: 913782513  
Conc: 52.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



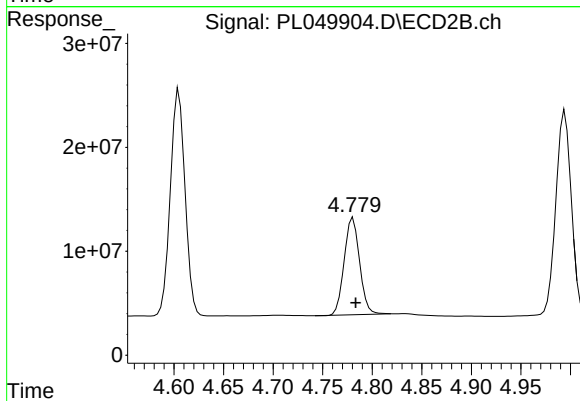
#5 Aldrin

R.T.: 5.410 min  
Delta R.T.: -0.003 min  
Response: 210328452  
Conc: 53.70 ng/ml



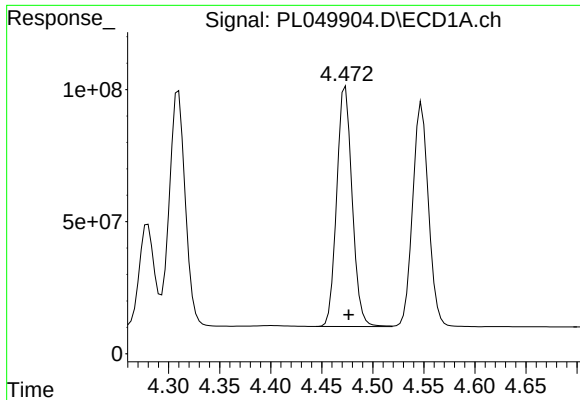
#6 beta-BHC

R.T.: 4.280 min  
Delta R.T.: -0.003 min  
Response: 387705191  
Conc: 53.00 ng/ml



#6 beta-BHC

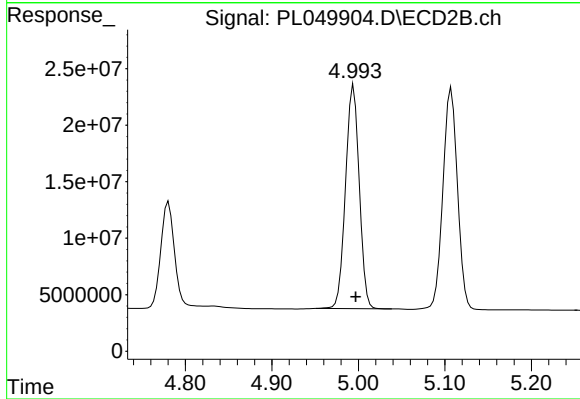
R.T.: 4.781 min  
Delta R.T.: -0.003 min  
Response: 101307311  
Conc: 52.30 ng/ml



#7 delta-BHC

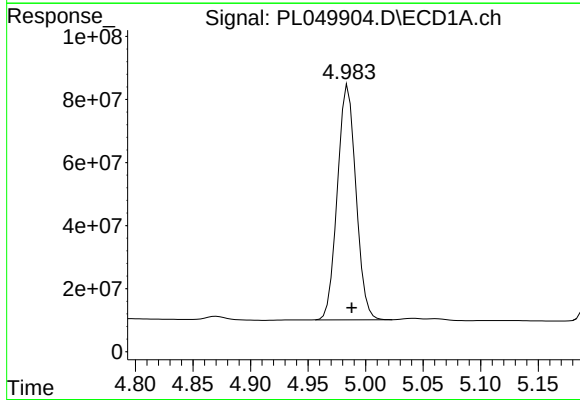
R.T.: 4.473 min  
Delta R.T.: -0.003 min  
Response: 956823326  
Conc: 53.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



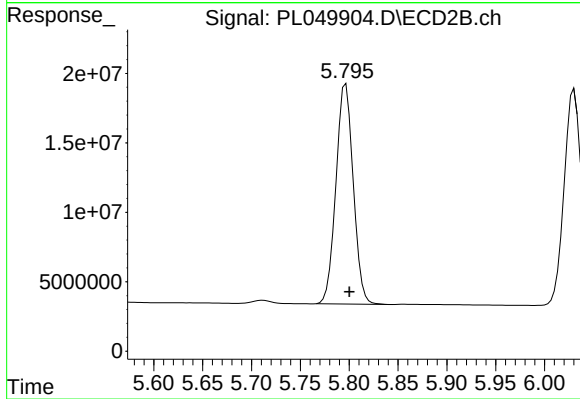
#7 delta-BHC

R.T.: 4.995 min  
Delta R.T.: -0.003 min  
Response: 216446128  
Conc: 54.95 ng/ml



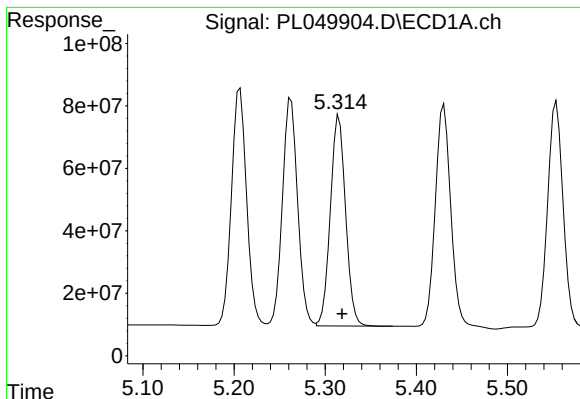
#8 Heptachlor epoxide

R.T.: 4.985 min  
Delta R.T.: -0.003 min  
Response: 837427219  
Conc: 52.02 ng/ml



#8 Heptachlor epoxide

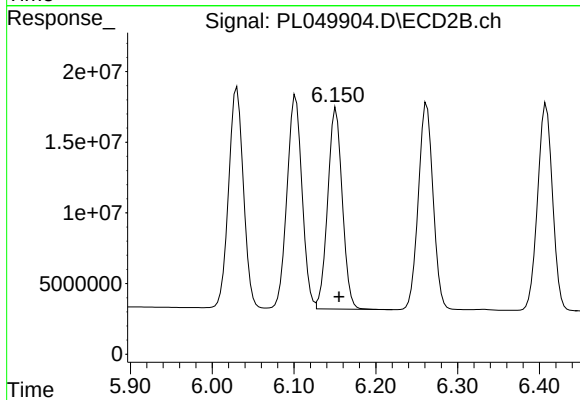
R.T.: 5.797 min  
Delta R.T.: -0.003 min  
Response: 195735640  
Conc: 53.84 ng/ml



# #9 Endosulfan I

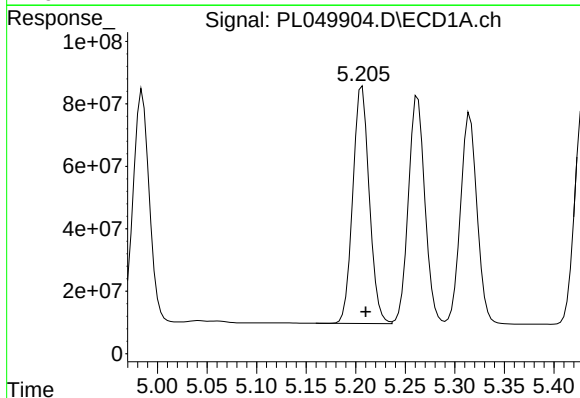
R.T.: 5.315 min  
Delta R.T.: -0.003 min  
Response: 783848475  
Conc: 50.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



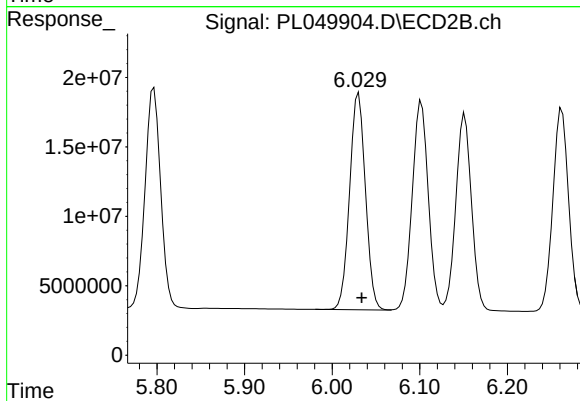
# #9 Endosulfan I

R.T.: 6.151 min  
Delta R.T.: -0.004 min  
Response: 176678238  
Conc: 52.00 ng/ml



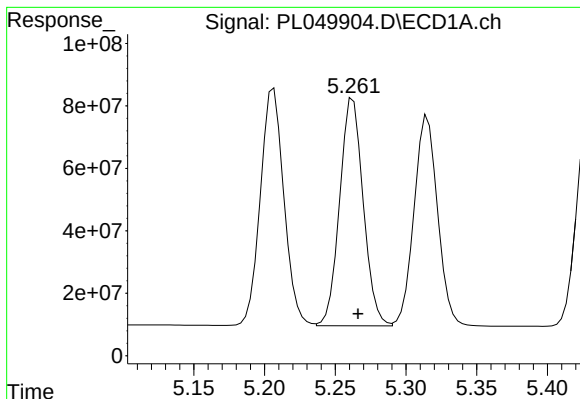
# #10 gamma-Chlordane

R.T.: 5.206 min  
Delta R.T.: -0.004 min  
Response: 880199058  
Conc: 51.51 ng/ml



# #10 gamma-Chlordane

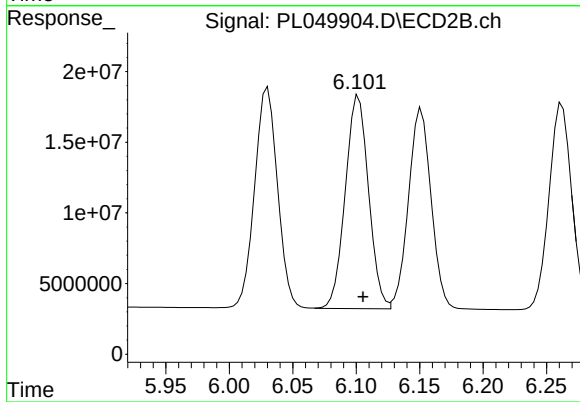
R.T.: 6.030 min  
Delta R.T.: -0.004 min  
Response: 195935295  
Conc: 52.58 ng/ml



#11 alpha-Chlordane

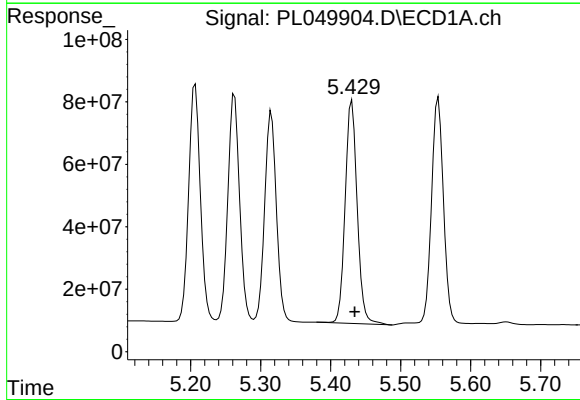
R.T.: 5.263 min  
Delta R.T.: -0.004 min  
Response: 847093516  
Conc: 51.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



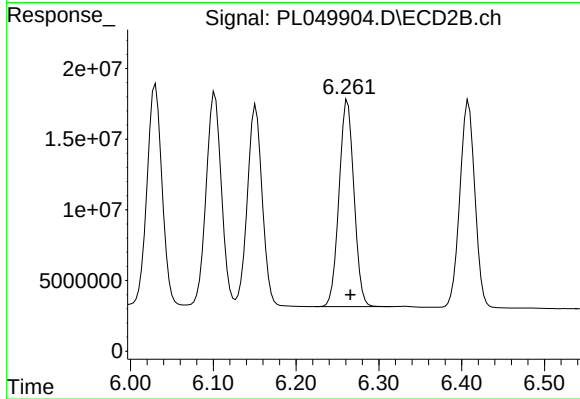
#11 alpha-Chlordane

R.T.: 6.102 min  
Delta R.T.: -0.004 min  
Response: 192402149  
Conc: 52.02 ng/ml



#12 4,4'-DDE

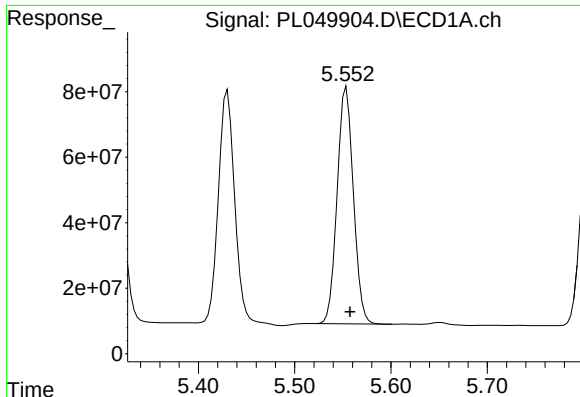
R.T.: 5.430 min  
Delta R.T.: -0.004 min  
Response: 853221067  
Conc: 51.22 ng/ml



#12 4,4'-DDE

R.T.: 6.262 min  
Delta R.T.: -0.004 min  
Response: 183366449  
Conc: 52.84 ng/ml

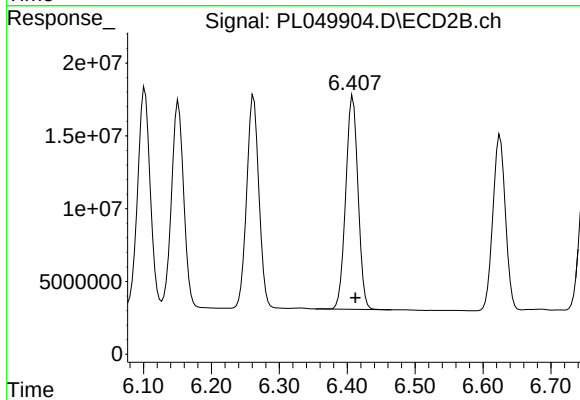




#13 Dieldrin

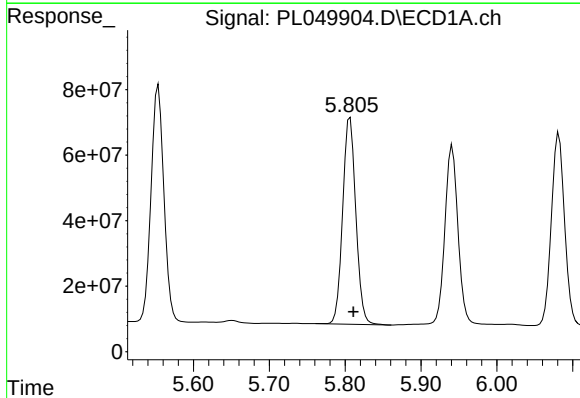
R.T.: 5.554 min  
Delta R.T.: -0.004 min  
Response: 846690801  
Conc: 50.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



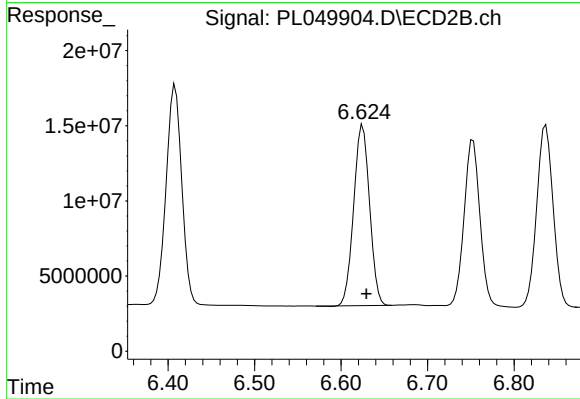
#13 Dieldrin

R.T.: 6.408 min  
Delta R.T.: -0.004 min  
Response: 184798838  
Conc: 52.09 ng/ml



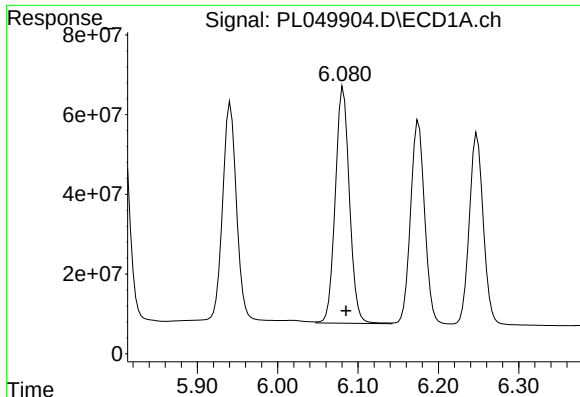
#14 Endrin

R.T.: 5.806 min  
Delta R.T.: -0.004 min  
Response: 762804412  
Conc: 47.63 ng/ml



#14 Endrin

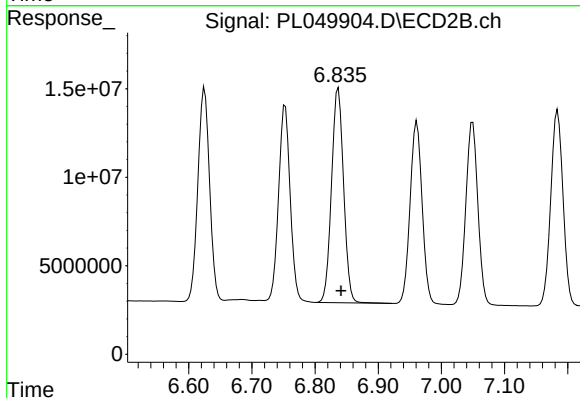
R.T.: 6.625 min  
Delta R.T.: -0.004 min  
Response: 153571773  
Conc: 48.64 ng/ml



#15 Endosulfan II

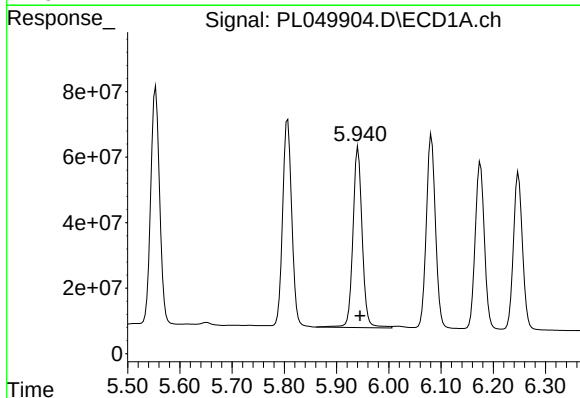
R.T.: 6.082 min  
Delta R.T.: -0.003 min  
Response: 725694648  
Conc: 49.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



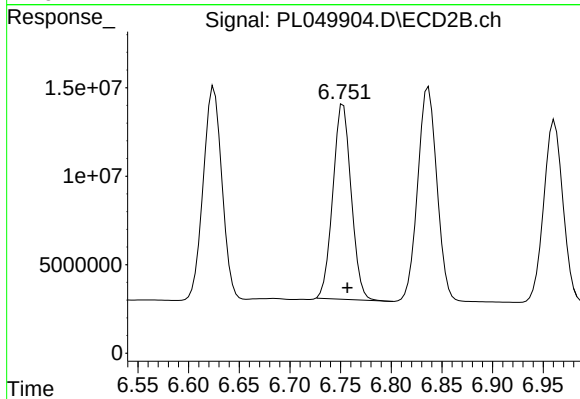
#15 Endosulfan II

R.T.: 6.837 min  
Delta R.T.: -0.004 min  
Response: 161349948  
Conc: 50.09 ng/ml



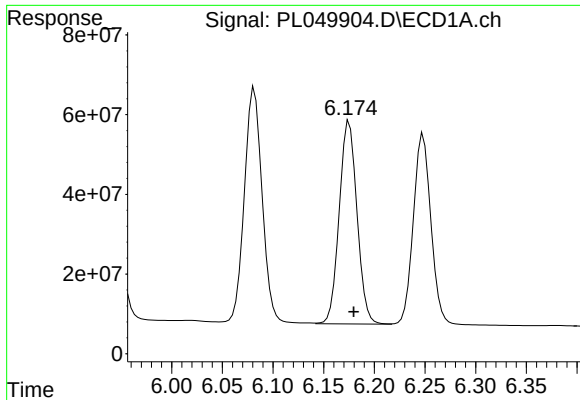
#16 4,4'-DDD

R.T.: 5.941 min  
Delta R.T.: -0.004 min  
Response: 683331291  
Conc: 54.13 ng/ml



#16 4,4'-DDD

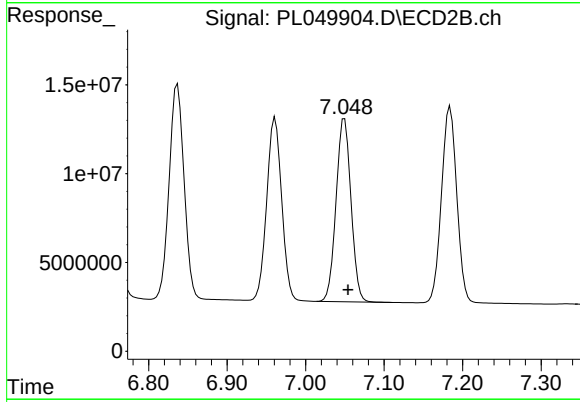
R.T.: 6.753 min  
Delta R.T.: -0.004 min  
Response: 138998013  
Conc: 53.17 ng/ml



#17 4,4'-DDT

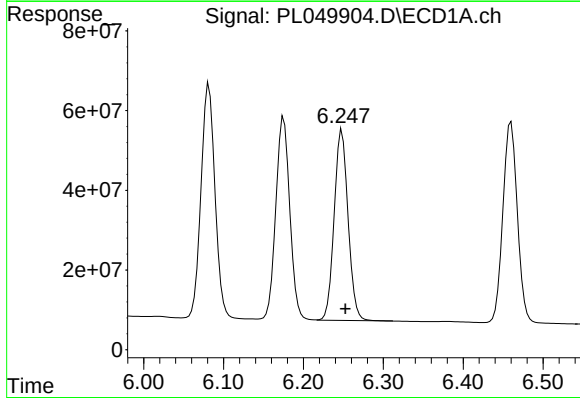
R.T.: 6.175 min  
Delta R.T.: -0.004 min  
Response: 622132467  
Conc: 46.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



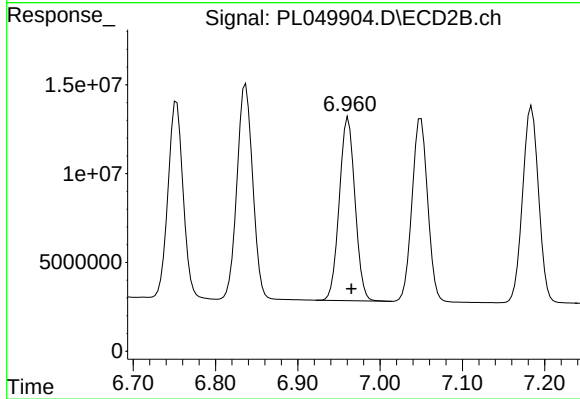
#17 4,4'-DDT

R.T.: 7.050 min  
Delta R.T.: -0.004 min  
Response: 136599149  
Conc: 46.64 ng/ml



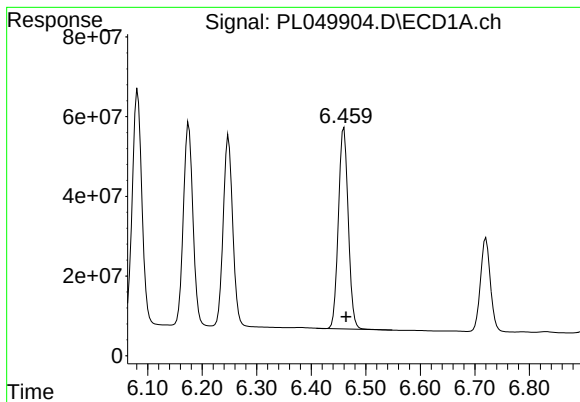
#18 Endrin aldehyde

R.T.: 6.248 min  
Delta R.T.: -0.004 min  
Response: 577540322  
Conc: 48.90 ng/ml



#18 Endrin aldehyde

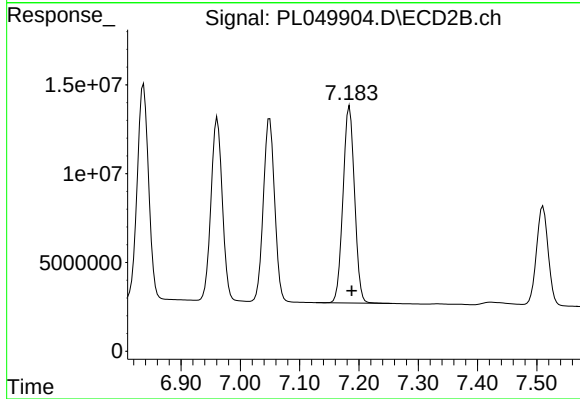
R.T.: 6.961 min  
Delta R.T.: -0.004 min  
Response: 136825615  
Conc: 49.82 ng/ml



#19 Endosulfan Sulfate

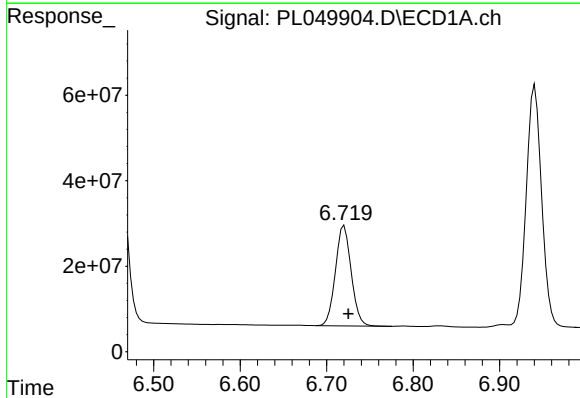
R.T.: 6.460 min  
Delta R.T.: -0.004 min  
Response: 635222177  
Conc: 48.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



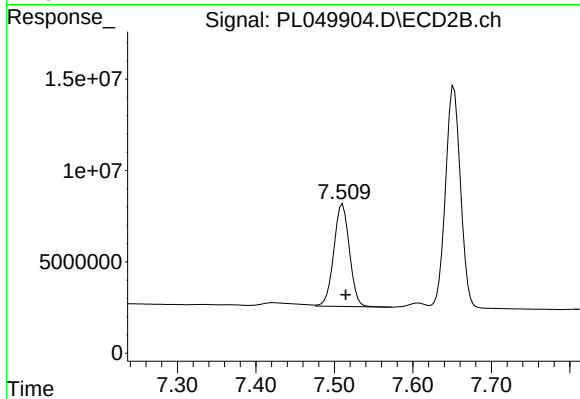
#19 Endosulfan Sulfate

R.T.: 7.184 min  
Delta R.T.: -0.004 min  
Response: 150159712  
Conc: 49.89 ng/ml



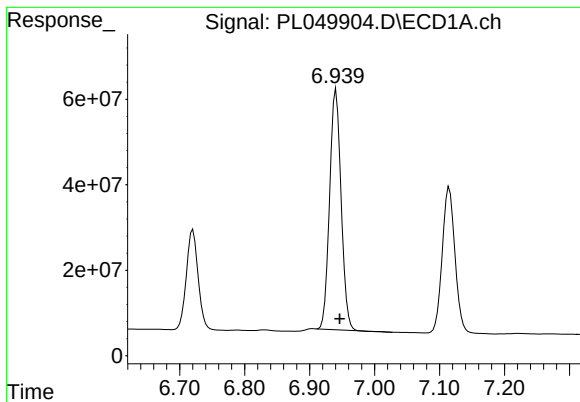
#20 Methoxychlor

R.T.: 6.720 min  
Delta R.T.: -0.005 min  
Response: 294861875  
Conc: 45.24 ng/ml



#20 Methoxychlor

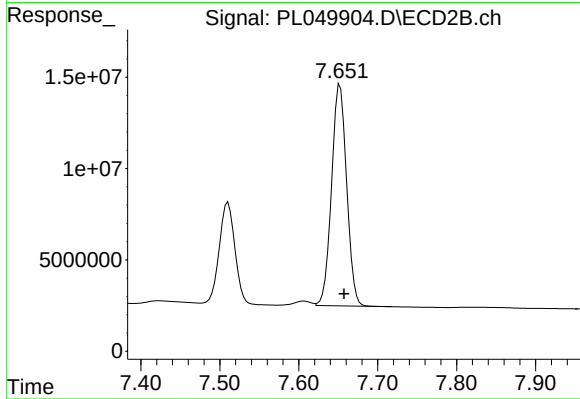
R.T.: 7.511 min  
Delta R.T.: -0.004 min  
Response: 77672982  
Conc: 46.60 ng/ml



#21 Endrin ketone

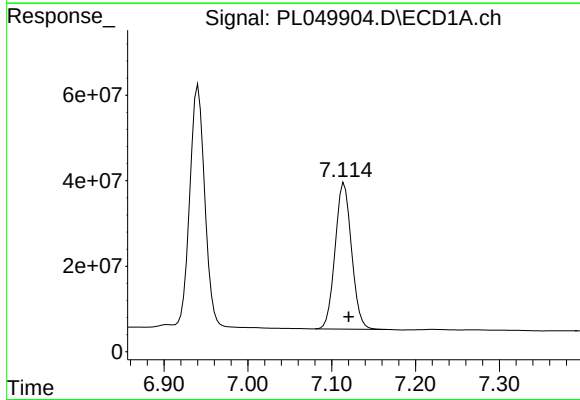
R.T.: 6.941 min  
Delta R.T.: -0.006 min  
Response: 689066360  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



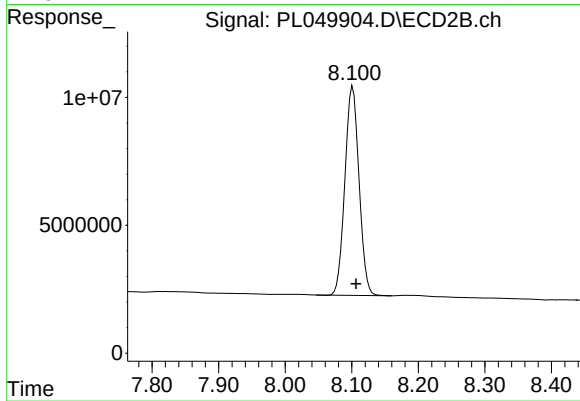
#21 Endrin ketone

R.T.: 7.652 min  
Delta R.T.: -0.005 min  
Response: 161244642  
Conc: 51.74 ng/ml



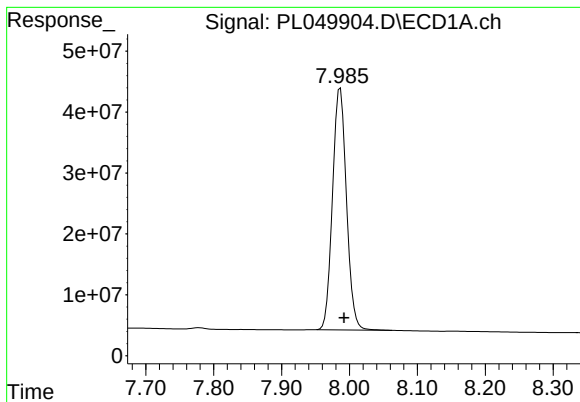
#22 Mirex

R.T.: 7.115 min  
Delta R.T.: -0.005 min  
Response: 465355833  
Conc: 45.02 ng/ml



#22 Mirex

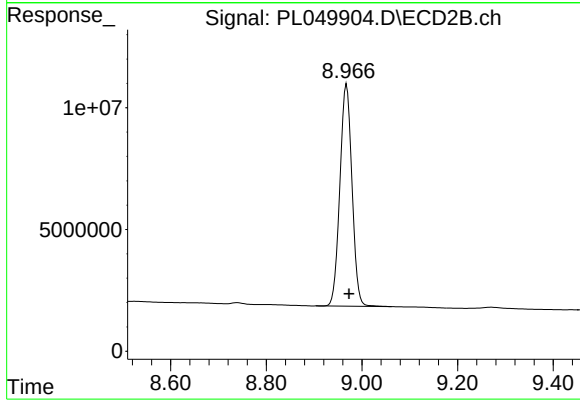
R.T.: 8.101 min  
Delta R.T.: -0.005 min  
Response: 120925066  
Conc: 47.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.986 min  
Delta R.T.: -0.006 min  
Response: 567816959  
Conc: 44.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.968 min  
Delta R.T.: -0.005 min  
Response: 160399060  
Conc: 47.78 ng/ml