

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081519\  
 Data File : PL051517.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2019 11:09  
 Operator : SG\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: Aug 16 00:49:50 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 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... | 3.316 | 3.926  | 537.7E6 | 135.8E6  | 53.517   | 47.603     |
| 2)                          | SA Decachlor... | 7.975 | 8.953  | 592.5E6 | 144.0E6  | 58.519   | 50.931     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.743 | 4.314  | 903.8E6 | 204.6E6  | 53.935   | 49.578     |
| 3)                          | MA gamma-BHC... | 4.018 | 4.597  | 846.6E6 | 194.4E6  | 55.041   | 50.186     |
| 4)                          | MA Heptachlor   | 4.302 | 5.098  | 851.9E6 | 194.4E6  | 51.918   | 46.886     |
| 5)                          | MB Aldrin       | 4.539 | 5.400  | 865.2E6 | 192.4E6  | 55.847   | 51.068     |
| 6)                          | B beta-BHC      | 4.273 | 4.774  | 353.3E6 | 90553238 | 53.884   | 52.377     |
| 7)                          | B delta-BHC     | 4.465 | 4.987  | 896.0E6 | 199.4E6  | 54.604   | 51.568     |
| 8)                          | B Heptachlo...  | 4.975 | 5.787  | 789.3E6 | 186.2E6  | 53.426   | 48.685     |
| 9)                          | A Endosulfan I  | 5.306 | 6.142  | 734.7E6 | 176.4E6  | 50.518   | 51.309     |
| 10)                         | B gamma-Chl...  | 5.198 | 6.020  | 841.5E6 | 192.6E6  | 53.318   | 52.109     |
| 11)                         | B alpha-Chl...  | 5.253 | 6.092  | 810.0E6 | 190.2E6  | 53.095   | 51.883     |
| 12)                         | B 4,4'-DDE      | 5.420 | 6.253  | 681.7E6 | 188.5E6  | 45.489   | 52.318     |
| 13)                         | MA Dieldrin     | 5.544 | 6.397  | 839.2E6 | 187.6E6  | 54.150   | 52.979     |
| 14)                         | MA Endrin       | 5.796 | 6.615  | 737.8E6 | 156.3E6  | 50.124   | 50.398     |
| 15)                         | B Endosulfa...  | 6.072 | 6.828  | 727.3E6 | 166.8E6  | 51.968   | 52.476     |
| 16)                         | A 4,4'-DDD      | 5.932 | 6.743  | 676.7E6 | 141.6E6  | 56.466   | 53.187     |
| 17)                         | MA 4,4'-DDT     | 6.164 | 7.040  | 594.8E6 | 134.4E6  | 48.027   | 49.794     |
| 18)                         | B Endrin al...  | 6.239 | 6.952  | 594.3E6 | 128.1E6  | 51.519   | 47.138     |
| 19)                         | B Endosulfa...  | 6.450 | 7.174  | 666.6E6 | 157.2E6  | 52.327   | 54.421     |
| 20)                         | A Methoxychlor  | 6.710 | 7.501  | 301.8E6 | 74084112 | 48.370   | 50.491     |
| 21)                         | B Endrin ke...  | 6.931 | 7.643  | 752.3E6 | 169.6E6  | 55.003   | 58.654     |
| 22)                         | Mirex           | 7.103 | 8.091  | 524.9E6 | 124.9E6  | 53.541   | 54.375     |
| 24)                         | Chlordane-2     | 0.000 | 5.400f | 0       | 192.4E6  | N.D.     | 1638.474 # |
| 25)                         | Chlordane-3     | 5.198 | 6.020  | 841.5E6 | 192.6E6  | 601.188  | 400.347 #  |
| 26)                         | Chlordane-4     | 5.253 | 6.092  | 810.0E6 | 190.2E6  | 614.122  | 327.340 #  |
| 27)                         | Chlordane-5     | 6.072 | 0.000  | 727.3E6 | 0        | 1431.838 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

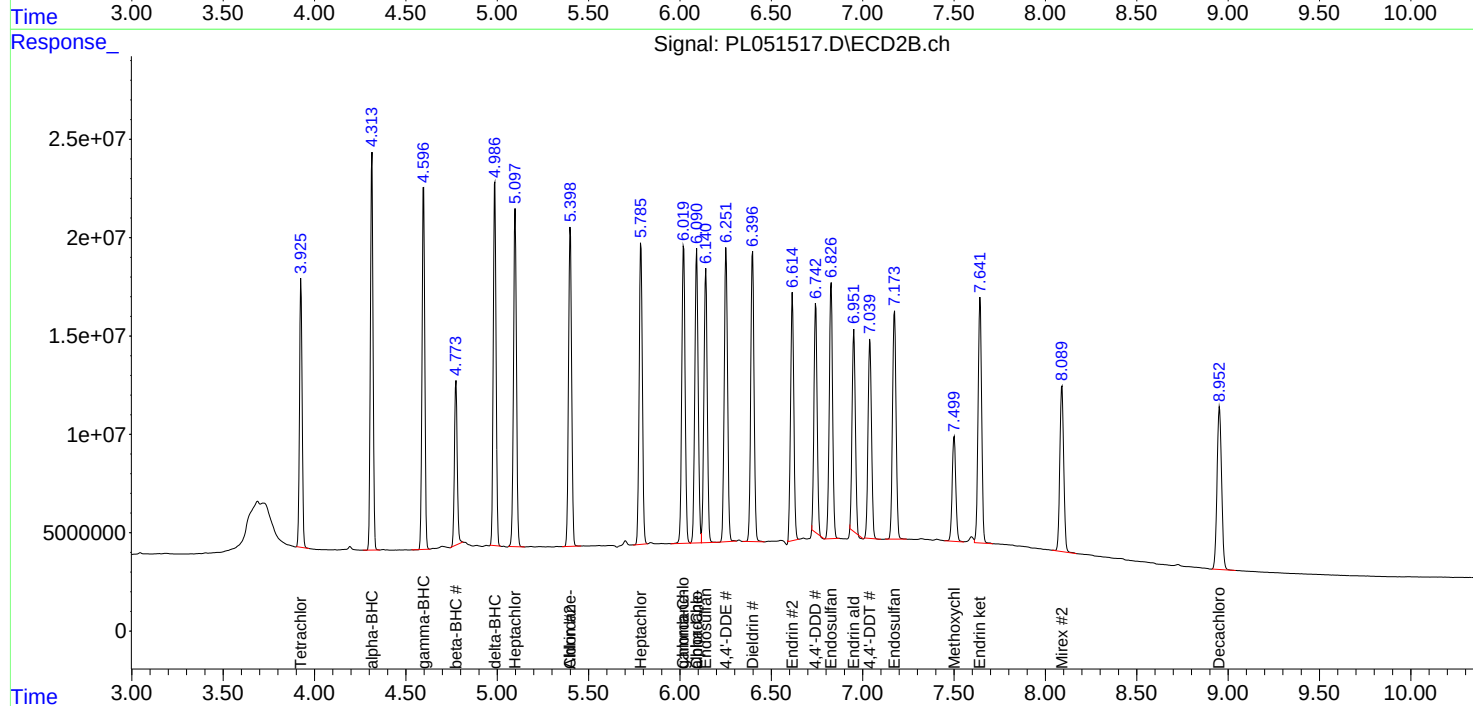
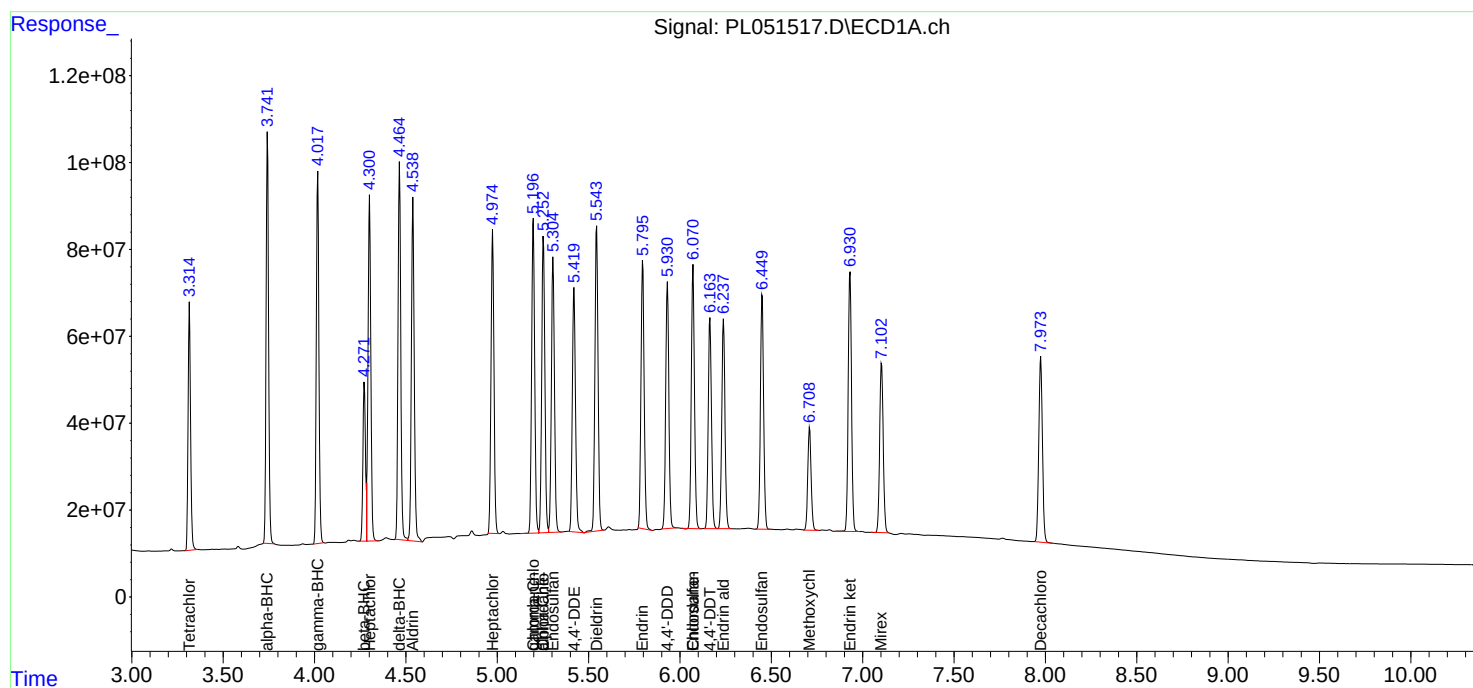
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

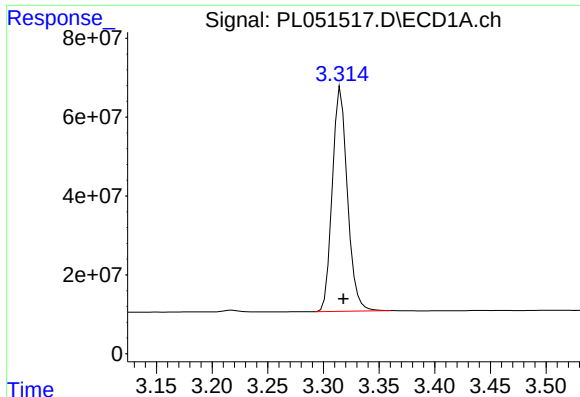
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081519\  
Data File : PL051517.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2019 11:09  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 16 00:49:50 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 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

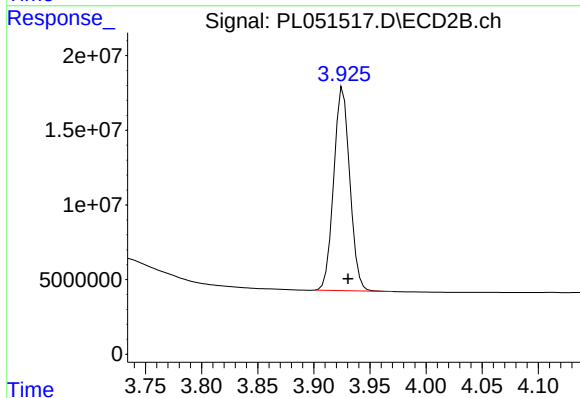




#1 Tetrachloro-m-xylene

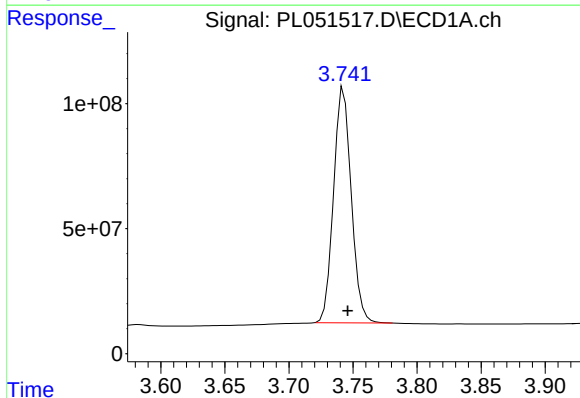
R.T.: 3.316 min  
Delta R.T.: -0.002 min  
Response: 537734610  
Conc: 53.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



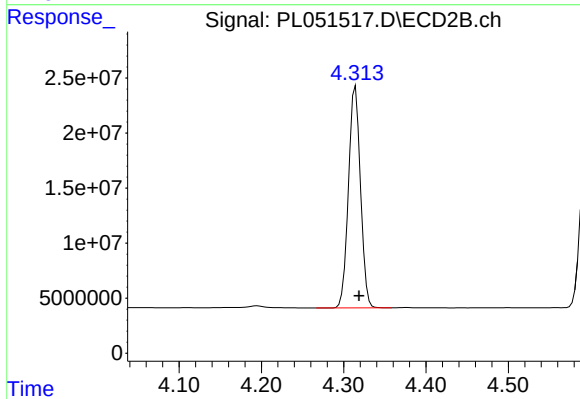
#1 Tetrachloro-m-xylene

R.T.: 3.926 min  
Delta R.T.: -0.005 min  
Response: 135822390  
Conc: 47.60 ng/ml



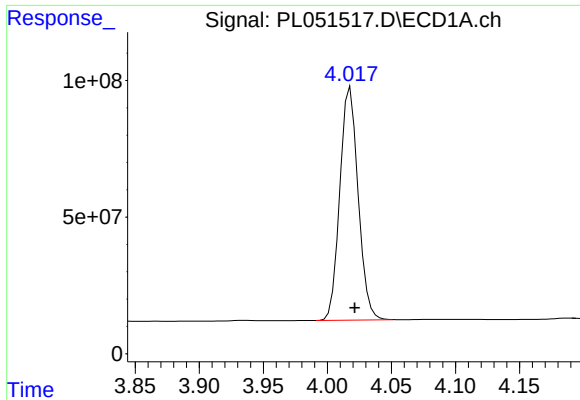
#2 alpha-BHC

R.T.: 3.743 min  
Delta R.T.: -0.003 min  
Response: 903821990  
Conc: 53.93 ng/ml



#2 alpha-BHC

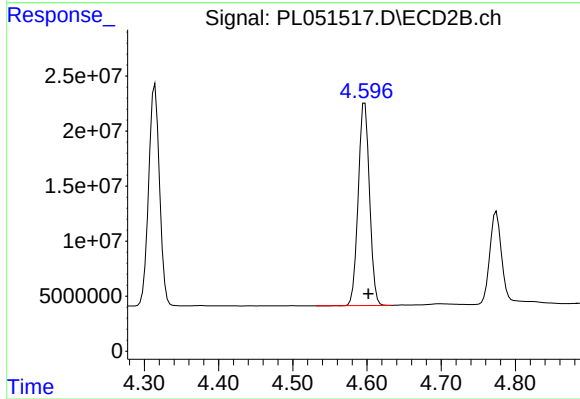
R.T.: 4.314 min  
Delta R.T.: -0.005 min  
Response: 204559228  
Conc: 49.58 ng/ml



#3 gamma-BHC (Lindane)

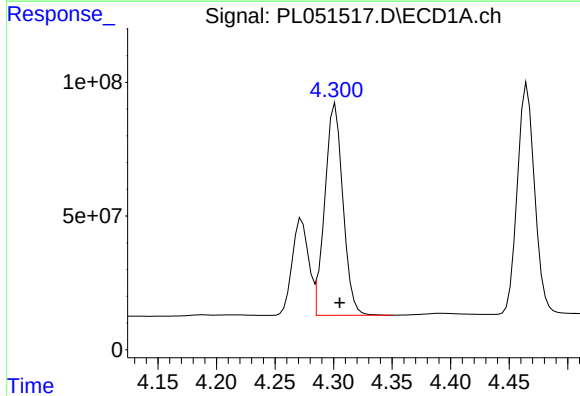
R.T.: 4.018 min  
Delta R.T.: -0.003 min  
Response: 846627202  
Conc: 55.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



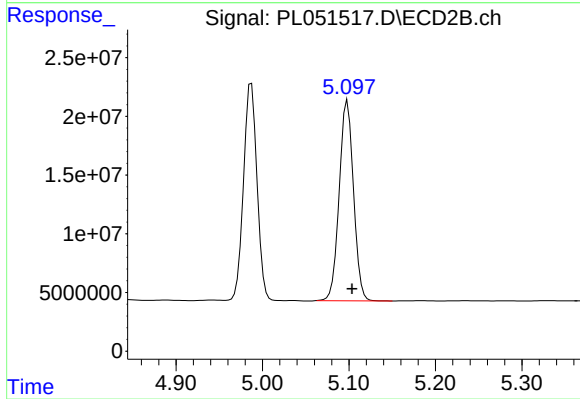
#3 gamma-BHC (Lindane)

R.T.: 4.597 min  
Delta R.T.: -0.005 min  
Response: 194380129  
Conc: 50.19 ng/ml



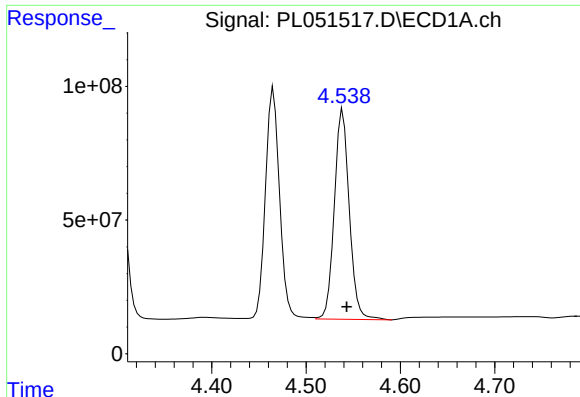
#4 Heptachlor

R.T.: 4.302 min  
Delta R.T.: -0.004 min  
Response: 851869672  
Conc: 51.92 ng/ml



#4 Heptachlor

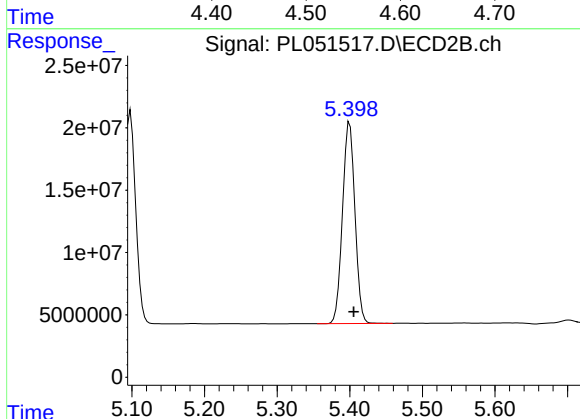
R.T.: 5.098 min  
Delta R.T.: -0.005 min  
Response: 194423639  
Conc: 46.89 ng/ml



#5 Aldrin

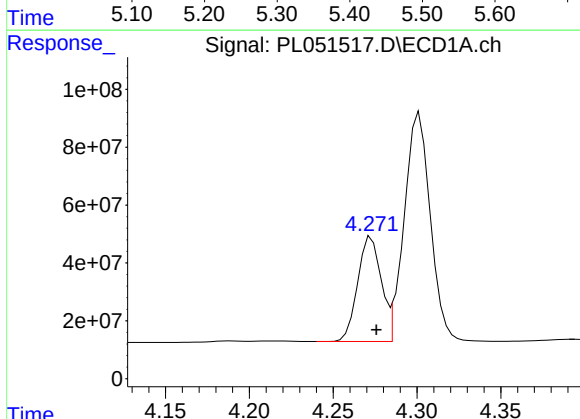
R.T.: 4.539 min  
Delta R.T.: -0.004 min  
Response: 865153047  
Conc: 55.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



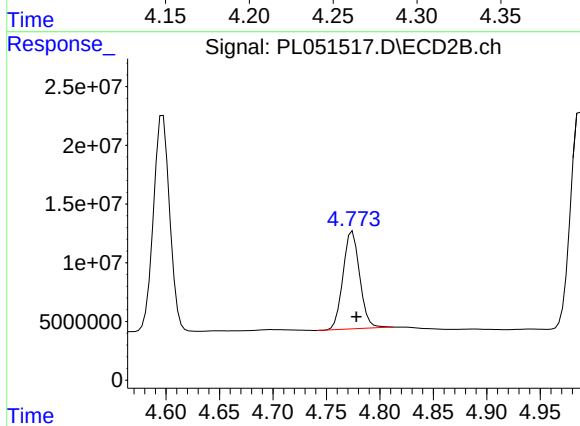
#5 Aldrin

R.T.: 5.400 min  
Delta R.T.: -0.006 min  
Response: 192442834  
Conc: 51.07 ng/ml



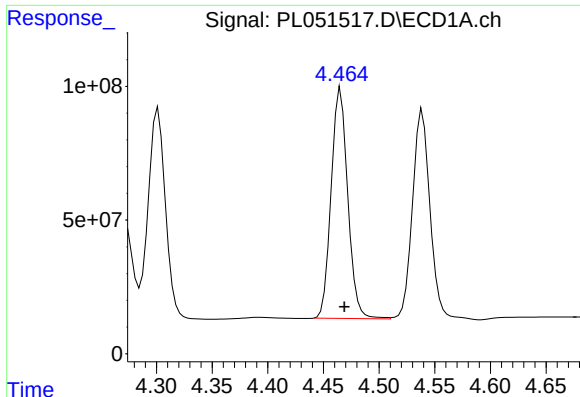
#6 beta-BHC

R.T.: 4.273 min  
Delta R.T.: -0.003 min  
Response: 353257532  
Conc: 53.88 ng/ml



#6 beta-BHC

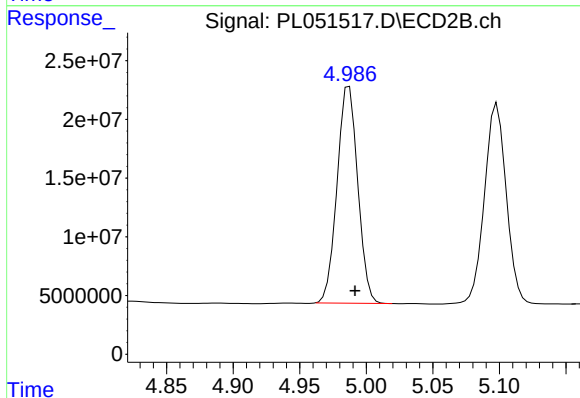
R.T.: 4.774 min  
Delta R.T.: -0.004 min  
Response: 90553238  
Conc: 52.38 ng/ml



#7 delta-BHC

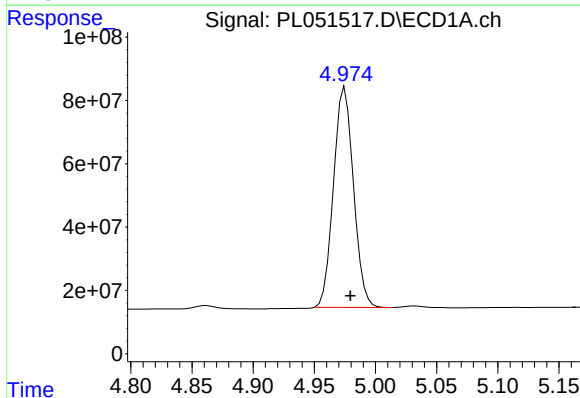
R.T.: 4.465 min  
Delta R.T.: -0.003 min  
Response: 895983537  
Conc: 54.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



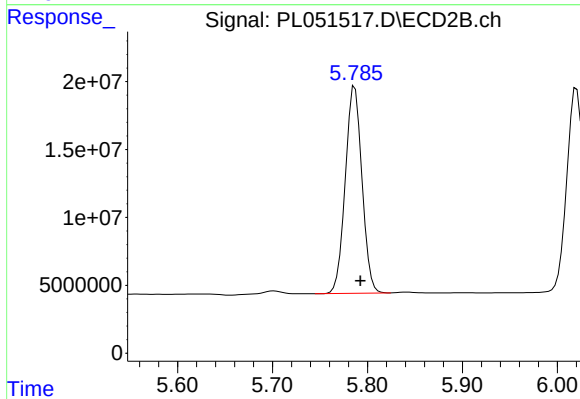
#7 delta-BHC

R.T.: 4.987 min  
Delta R.T.: -0.004 min  
Response: 199446164  
Conc: 51.57 ng/ml



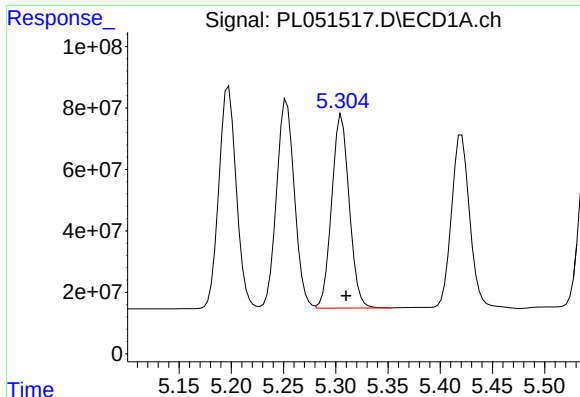
#8 Heptachlor epoxide

R.T.: 4.975 min  
Delta R.T.: -0.004 min  
Response: 789297845  
Conc: 53.43 ng/ml



#8 Heptachlor epoxide

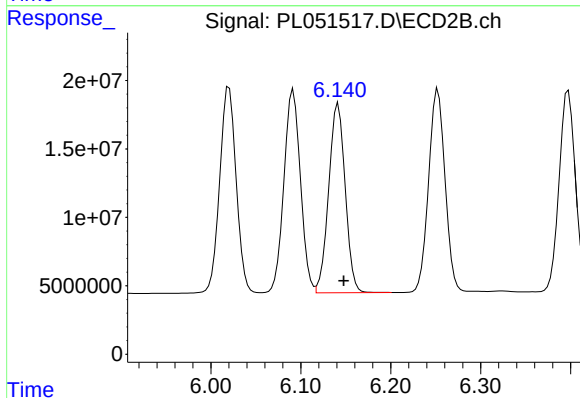
R.T.: 5.787 min  
Delta R.T.: -0.006 min  
Response: 186211473  
Conc: 48.68 ng/ml



#9 Endosulfan I

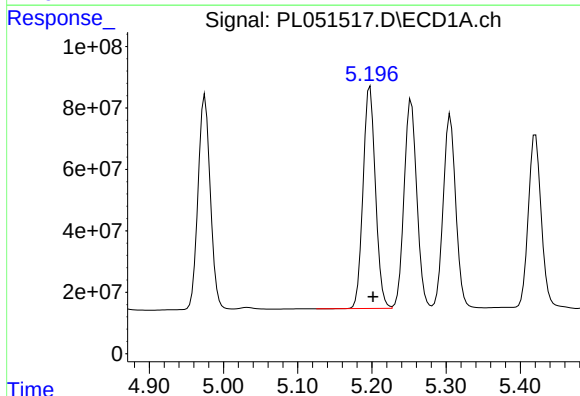
R.T.: 5.306 min  
Delta R.T.: -0.004 min  
Response: 734720512  
Conc: 50.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



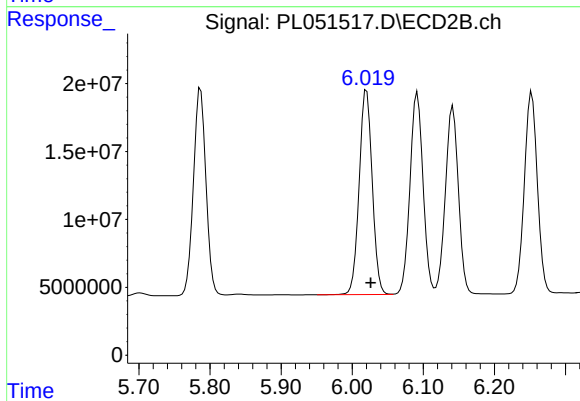
#9 Endosulfan I

R.T.: 6.142 min  
Delta R.T.: -0.006 min  
Response: 176446864  
Conc: 51.31 ng/ml



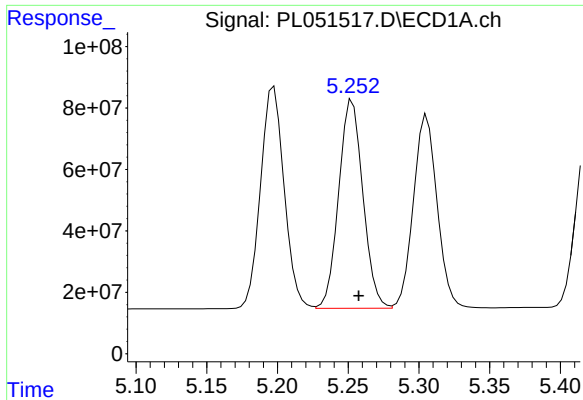
#10 gamma-Chlordane

R.T.: 5.198 min  
Delta R.T.: -0.004 min  
Response: 841535716  
Conc: 53.32 ng/ml



#10 gamma-Chlordane

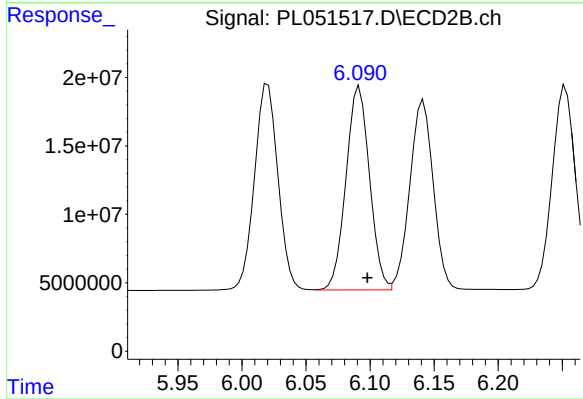
R.T.: 6.020 min  
Delta R.T.: -0.006 min  
Response: 192558914  
Conc: 52.11 ng/ml



#11 alpha-Chlordane

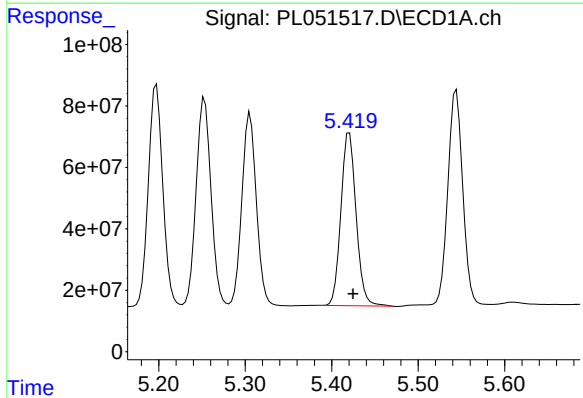
R.T.: 5.253 min  
Delta R.T.: -0.004 min  
Response: 810013969  
Conc: 53.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



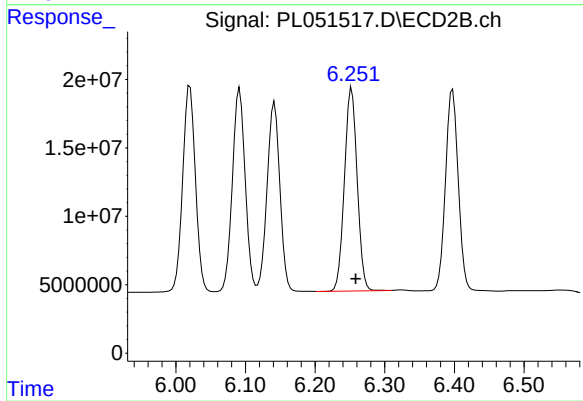
#11 alpha-Chlordane

R.T.: 6.092 min  
Delta R.T.: -0.006 min  
Response: 190158018  
Conc: 51.88 ng/ml



#12 4,4'-DDE

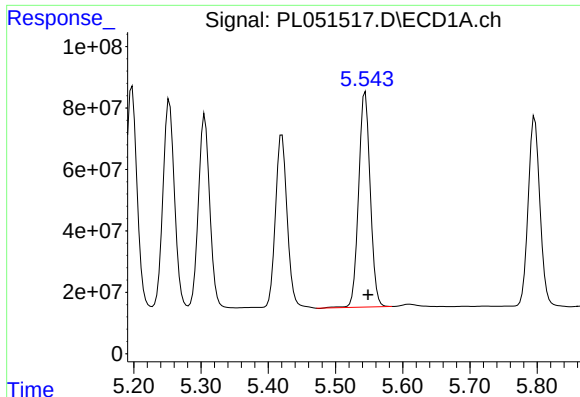
R.T.: 5.420 min  
Delta R.T.: -0.004 min  
Response: 681691535  
Conc: 45.49 ng/ml



#12 4,4'-DDE

R.T.: 6.253 min  
Delta R.T.: -0.006 min  
Response: 188524121  
Conc: 52.32 ng/ml

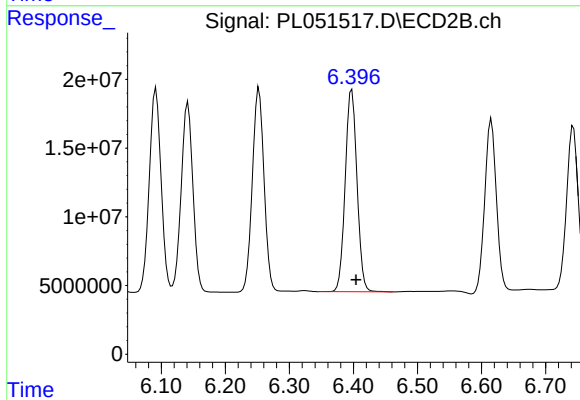




#13 Dieldrin

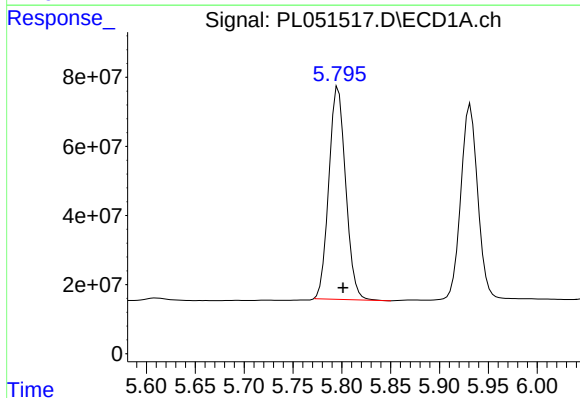
R.T.: 5.544 min  
Delta R.T.: -0.004 min  
Response: 839155809  
Conc: 54.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



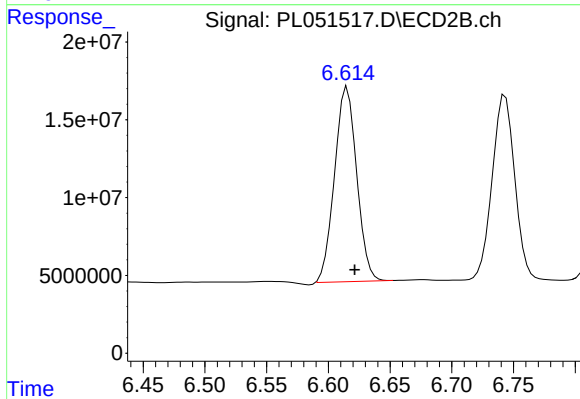
#13 Dieldrin

R.T.: 6.397 min  
Delta R.T.: -0.006 min  
Response: 187605716  
Conc: 52.98 ng/ml



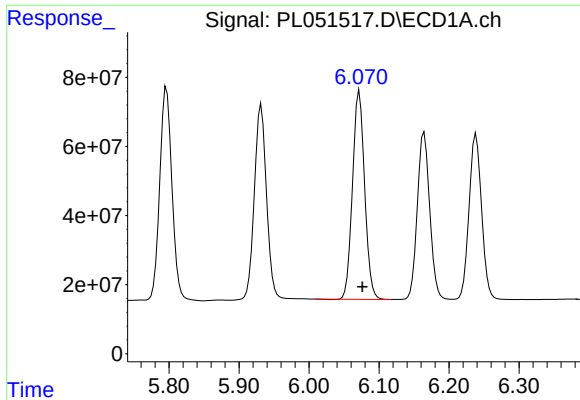
#14 Endrin

R.T.: 5.796 min  
Delta R.T.: -0.005 min  
Response: 737847800  
Conc: 50.12 ng/ml



#14 Endrin

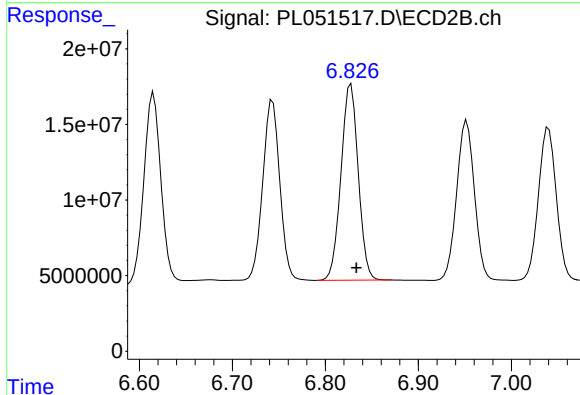
R.T.: 6.615 min  
Delta R.T.: -0.006 min  
Response: 156307390  
Conc: 50.40 ng/ml



#15 Endosulfan II

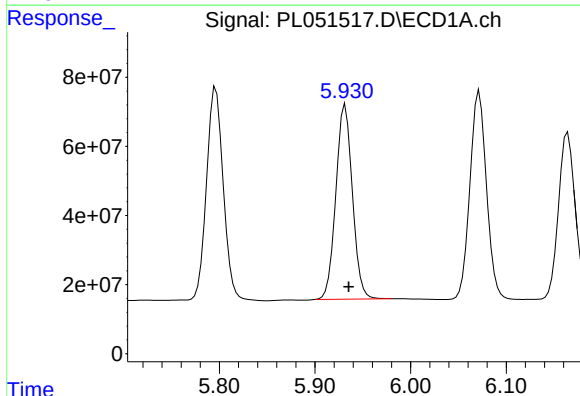
R.T.: 6.072 min  
Delta R.T.: -0.004 min  
Response: 727283728  
Conc: 51.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



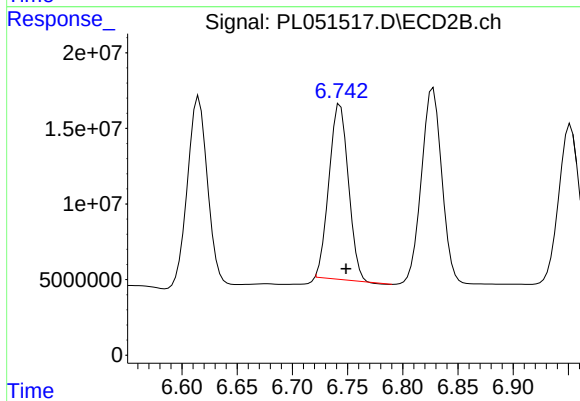
#15 Endosulfan II

R.T.: 6.828 min  
Delta R.T.: -0.006 min  
Response: 166831949  
Conc: 52.48 ng/ml



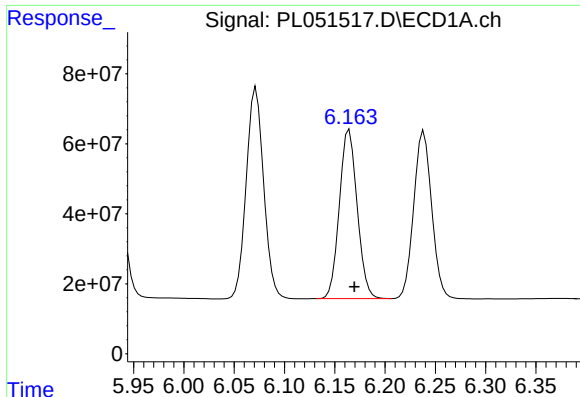
#16 4,4'-DDD

R.T.: 5.932 min  
Delta R.T.: -0.004 min  
Response: 676682040  
Conc: 56.47 ng/ml



#16 4,4'-DDD

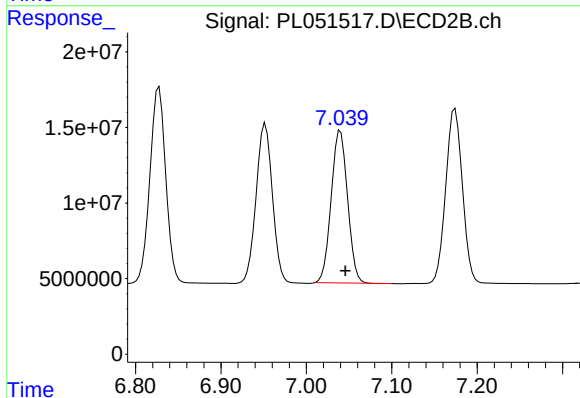
R.T.: 6.743 min  
Delta R.T.: -0.005 min  
Response: 141631133  
Conc: 53.19 ng/ml



#17 4,4'-DDT

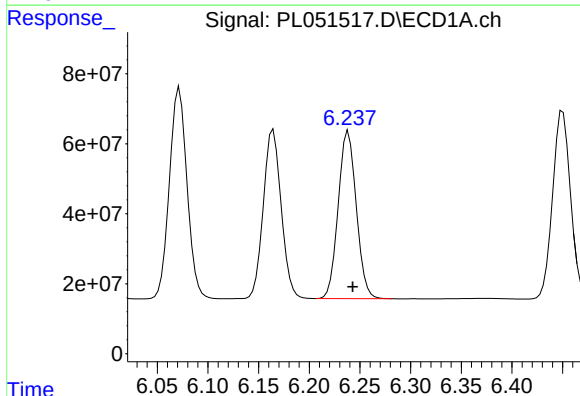
R.T.: 6.164 min  
Delta R.T.: -0.005 min  
Response: 594849498  
Conc: 48.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



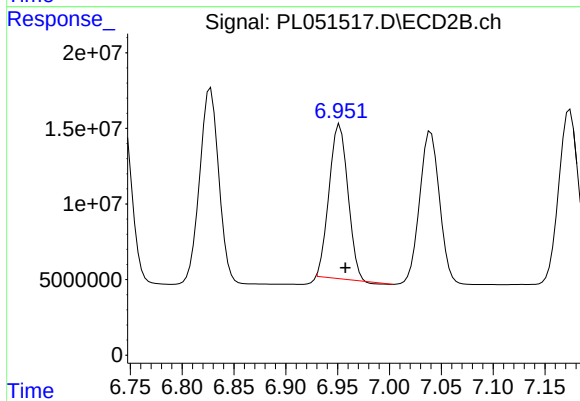
#17 4,4'-DDT

R.T.: 7.040 min  
Delta R.T.: -0.006 min  
Response: 134424559  
Conc: 49.79 ng/ml



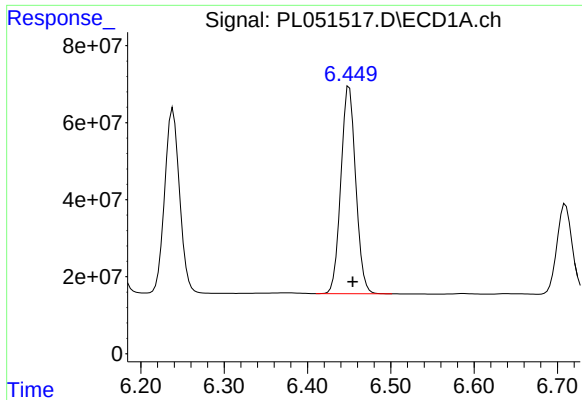
#18 Endrin aldehyde

R.T.: 6.239 min  
Delta R.T.: -0.004 min  
Response: 594344255  
Conc: 51.52 ng/ml



#18 Endrin aldehyde

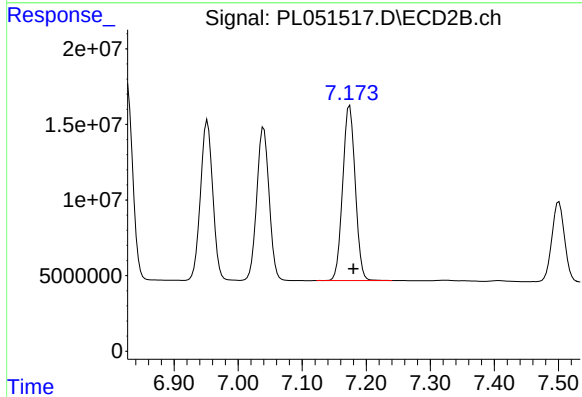
R.T.: 6.952 min  
Delta R.T.: -0.005 min  
Response: 128103115  
Conc: 47.14 ng/ml



#19 Endosulfan Sulfate

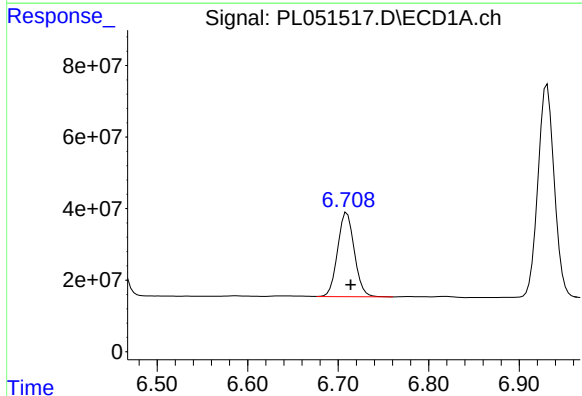
R.T.: 6.450 min  
Delta R.T.: -0.004 min  
Response: 666625109  
Conc: 52.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



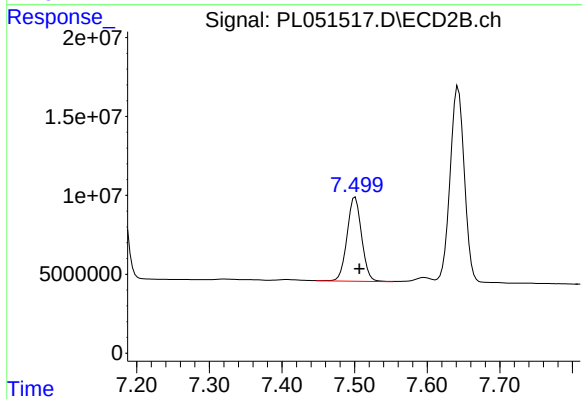
#19 Endosulfan Sulfate

R.T.: 7.174 min  
Delta R.T.: -0.006 min  
Response: 157182058  
Conc: 54.42 ng/ml



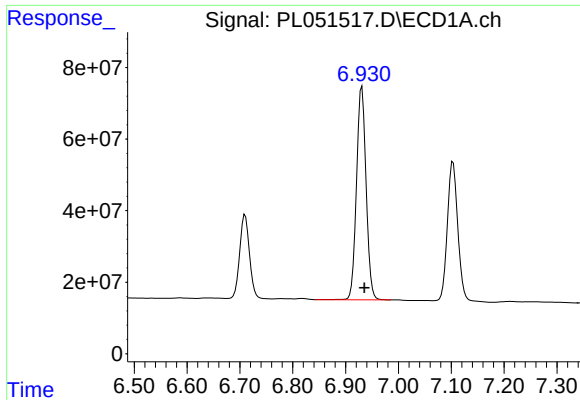
#20 Methoxychlor

R.T.: 6.710 min  
Delta R.T.: -0.004 min  
Response: 301775927  
Conc: 48.37 ng/ml



#20 Methoxychlor

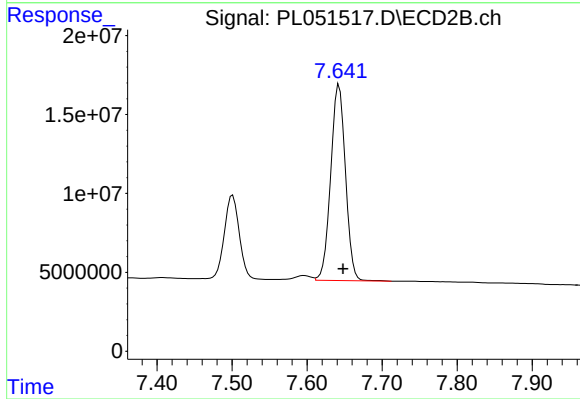
R.T.: 7.501 min  
Delta R.T.: -0.006 min  
Response: 74084112  
Conc: 50.49 ng/ml



#21 Endrin ketone

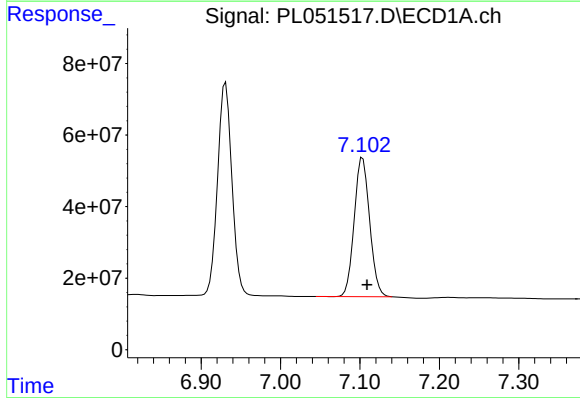
R.T.: 6.931 min  
Delta R.T.: -0.005 min  
Response: 752295254  
Conc: 55.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



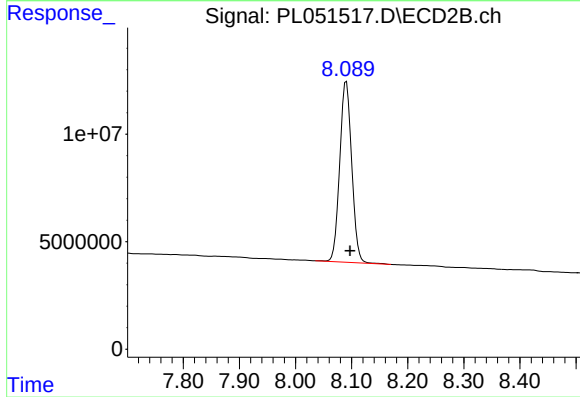
#21 Endrin ketone

R.T.: 7.643 min  
Delta R.T.: -0.005 min  
Response: 169586248  
Conc: 58.65 ng/ml



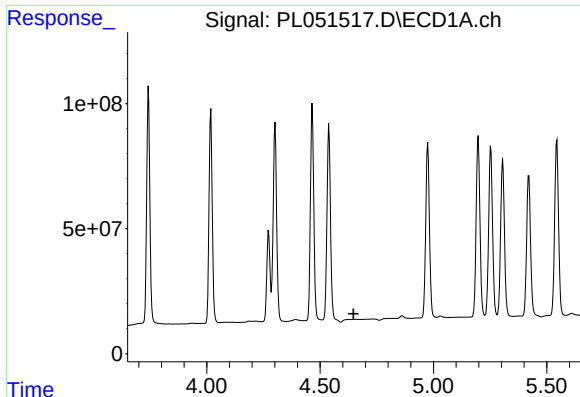
#22 Mirex

R.T.: 7.103 min  
Delta R.T.: -0.005 min  
Response: 524931840  
Conc: 53.54 ng/ml



#22 Mirex

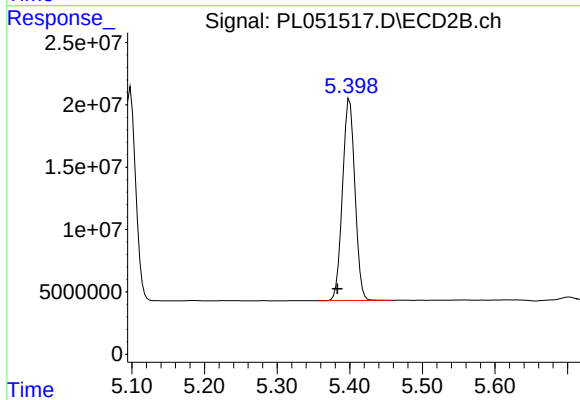
R.T.: 8.091 min  
Delta R.T.: -0.007 min  
Response: 124899906  
Conc: 54.38 ng/ml



#24 Chlordane-2

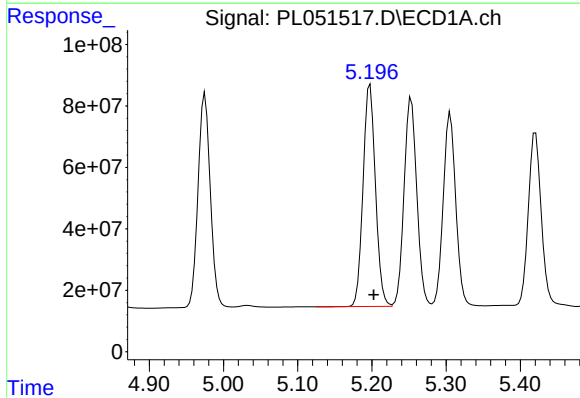
R.T.: 0.000 min  
Exp R.T.: 4.647 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



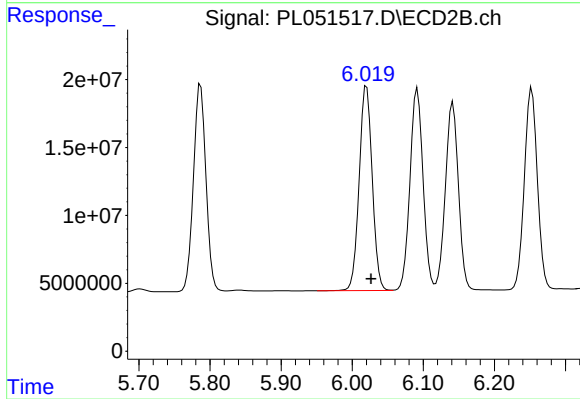
#24 Chlordane-2

R.T.: 5.400 min  
Delta R.T.: 0.017 min  
Response: 192442834  
Conc: 1638.47 ng/ml



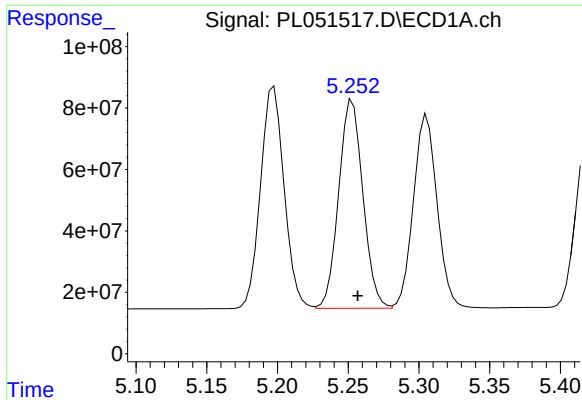
#25 Chlordane-3

R.T.: 5.198 min  
Delta R.T.: -0.005 min  
Response: 841535716  
Conc: 601.19 ng/ml



#25 Chlordane-3

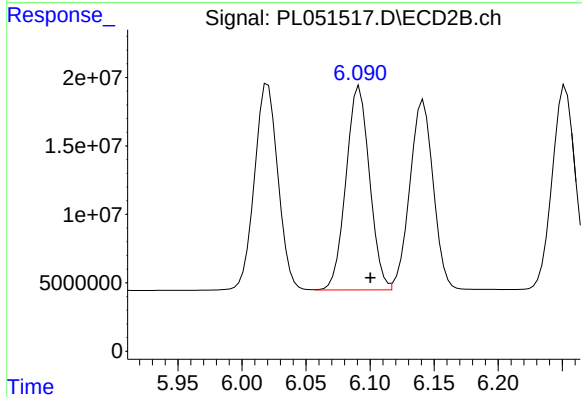
R.T.: 6.020 min  
Delta R.T.: -0.006 min  
Response: 192558914  
Conc: 400.35 ng/ml



#26 Chlordane-4

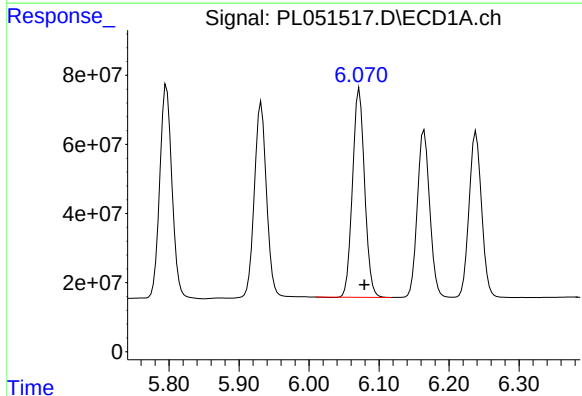
R.T.: 5.253 min  
Delta R.T.: -0.004 min  
Response: 810013969  
Conc: 614.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



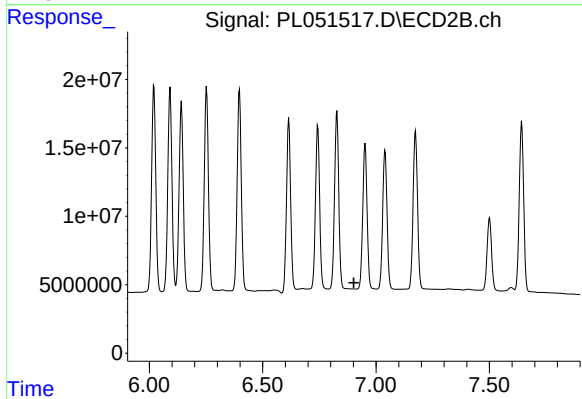
#26 Chlordane-4

R.T.: 6.092 min  
Delta R.T.: -0.009 min  
Response: 190158018  
Conc: 327.34 ng/ml



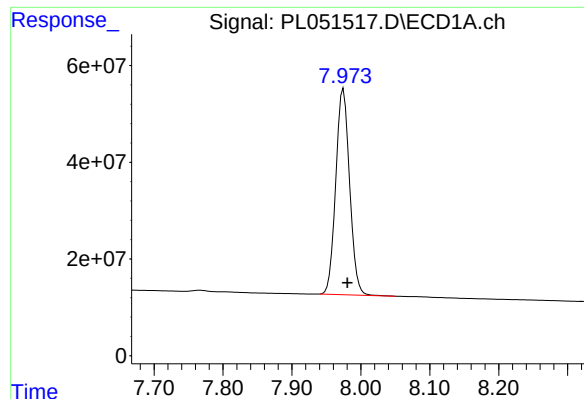
#27 Chlordane-5

R.T.: 6.072 min  
Delta R.T.: -0.007 min  
Response: 727283728  
Conc: 1431.84 ng/ml



#27 Chlordane-5

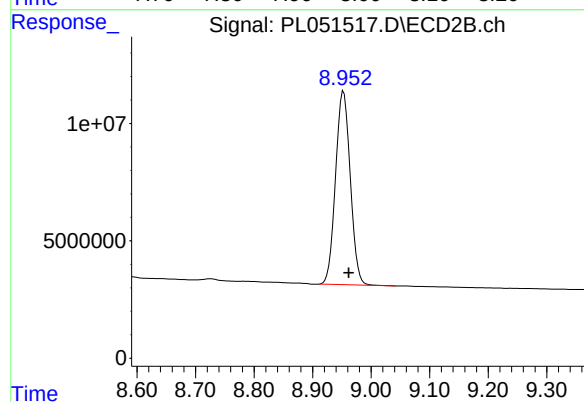
R.T.: 0.000 min  
Exp R.T.: 6.902 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.975 min  
Delta R.T.: -0.006 min  
Response: 592525895  
Conc: 58.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.953 min  
Delta R.T.: -0.009 min  
Response: 144029411  
Conc: 50.93 ng/ml