

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012020\  
 Data File : PL055893.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jan 2020 02:05  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 21 03:37:48 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012020.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 02:21:03 2020  
 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... | 3.490 | 3.967  | 487.0E6 | 143.4E6  | 50.814   | 50.745     |
| 28)                         | SA Decachlor... | 8.234 | 8.953  | 536.2E6 | 115.8E6  | 51.285   | 50.554     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.927 | 4.350  | 838.5E6 | 221.2E6  | 50.534   | 52.149     |
| 3)                          | MA gamma-BHC... | 4.210 | 4.629  | 796.3E6 | 206.1E6  | 52.491   | 51.944     |
| 4)                          | MA Heptachlor   | 4.512 | 5.129  | 768.1E6 | 172.1E6  | 51.436   | 50.898     |
| 5)                          | MB Aldrin       | 4.760 | 5.429  | 775.1E6 | 176.5E6  | 52.957   | 51.493     |
| 6)                          | B beta-BHC      | 4.459 | 4.798  | 320.4E6 | 87297025 | 49.929   | 55.010     |
| 7)                          | B delta-BHC     | 4.664 | 5.011  | 770.8E6 | 174.1E6  | 52.590   | 58.263     |
| 8)                          | B Heptachlor... | 5.201 | 5.810  | 715.1E6 | 160.6E6  | 51.841   | 53.752     |
| 9)                          | A Endosulfan I  | 5.540 | 6.162  | 660.2E6 | 149.3E6  | 50.880   | 51.274     |
| 10)                         | B gamma-Chl...  | 5.428 | 6.041  | 729.1E6 | 158.4E6  | 51.967   | 51.381     |
| 11)                         | B alpha-Chl...  | 5.486 | 6.113  | 712.3E6 | 157.8E6  | 51.522   | 51.096     |
| 12)                         | B 4,4'-DDE      | 5.649 | 6.268  | 595.9E6 | 150.4E6  | 45.622   | 51.348     |
| 13)                         | MA Dieldrin     | 5.783 | 6.416  | 725.7E6 | 156.8E6  | 52.462   | 51.893     |
| 14)                         | MA Endrin       | 6.040 | 6.632  | 633.6E6 | 129.4E6  | 50.151   | 51.052     |
| 15)                         | B Endosulfa...  | 6.311 | 6.839  | 495.8E6 | 135.0E6  | 44.397   | 50.354     |
| 16)                         | A 4,4'-DDD      | 6.163 | 6.752  | 523.5E6 | 120.8E6  | 52.578   | 52.383     |
| 17)                         | MA 4,4'-DDT     | 6.403 | 7.048  | 517.1E6 | 113.9E6  | 51.096   | 50.455     |
| 18)                         | B Endrin al...  | 6.479 | 6.962  | 524.5E6 | 115.0E6  | 50.464   | 50.940     |
| 19)                         | B Endosulfa...  | 6.692 | 7.182  | 478.6E6 | 126.1E6  | 44.250   | 50.943     |
| 20)                         | A Methoxychlor  | 6.946 | 7.501  | 262.7E6 | 60515066 | 50.342   | 50.716     |
| 21)                         | B Endrin ke...  | 7.182 | 7.649  | 658.9E6 | 137.5E6  | 52.335   | 52.076     |
| 22)                         | Mirex           | 7.371 | 8.098  | 364.8E6 | 92851425 | 51.935   | 50.886     |
| 24)                         | Chlordane-2     | 0.000 | 5.429f | 0       | 176.5E6  | N.D.     | 1601.093 # |
| 25)                         | Chlordane-3     | 5.428 | 6.041  | 729.1E6 | 158.4E6  | 585.457  | 399.195 #  |
| 26)                         | Chlordane-4     | 5.486 | 6.113  | 712.3E6 | 157.8E6  | 690.753  | 336.079 #  |
| 27)                         | Chlordane-5     | 6.311 | 0.000  | 495.8E6 | 0        | 1267.642 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

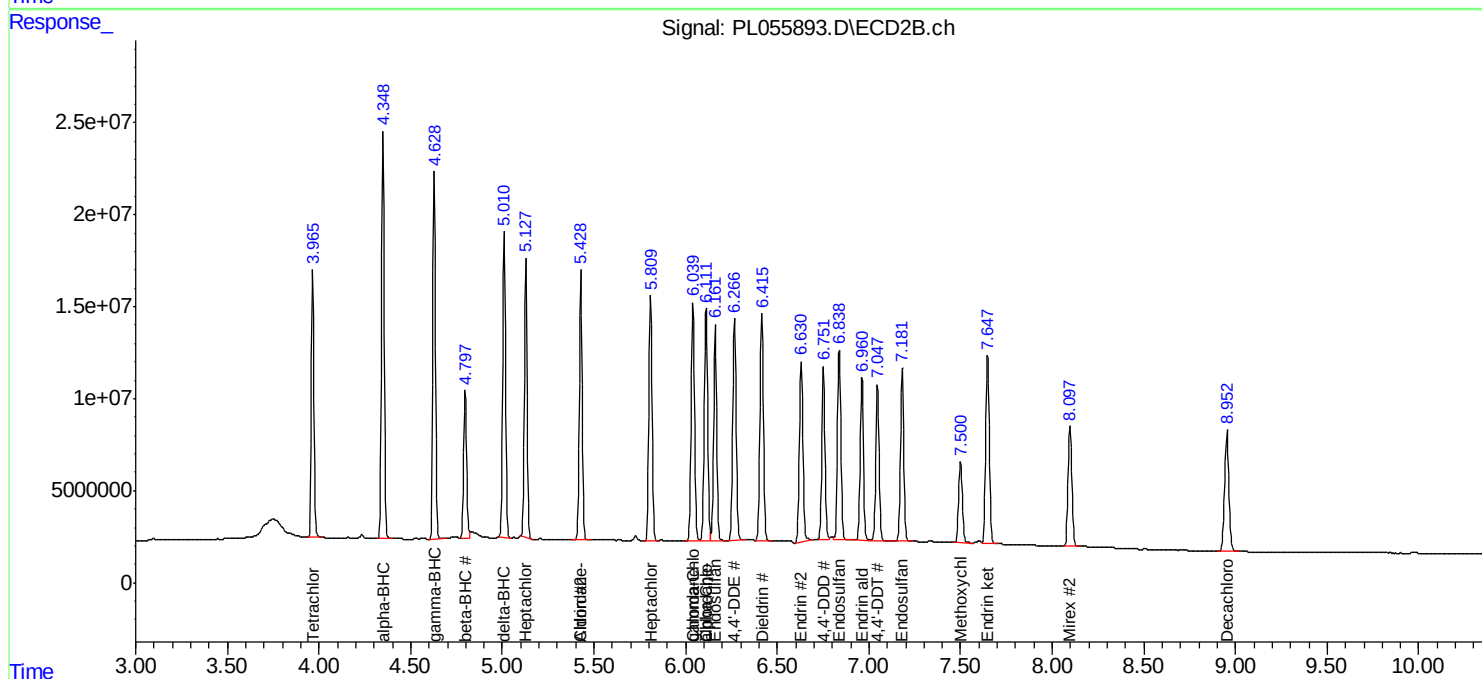
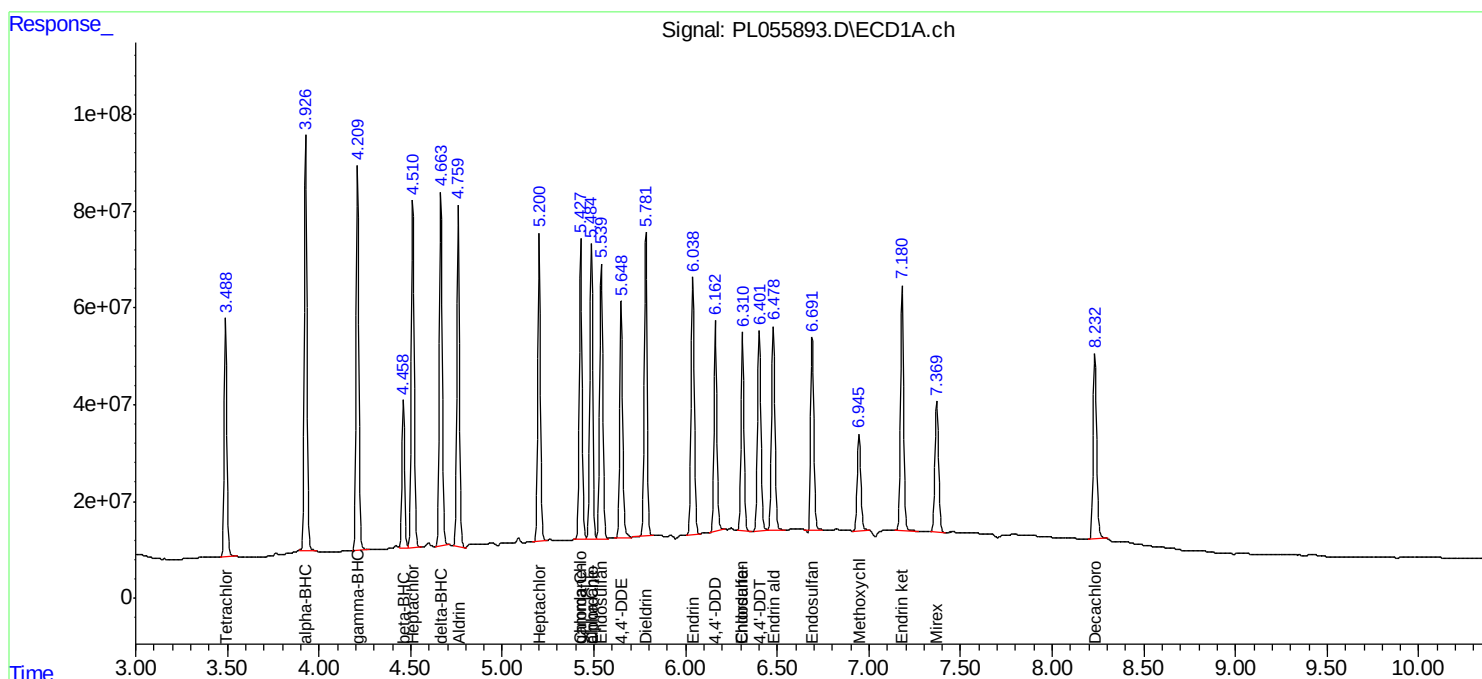
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

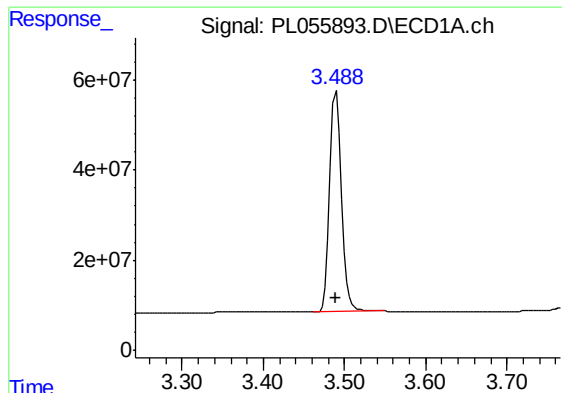
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012020\  
Data File : PL055893.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Jan 2020 02:05  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 21 03:37:48 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012020.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 02:21:03 2020  
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

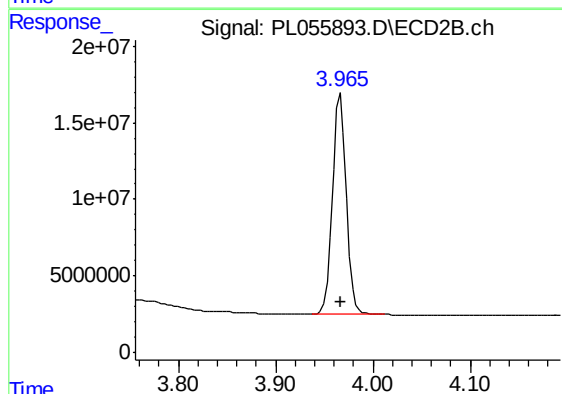




#1 Tetrachloro-m-xylene

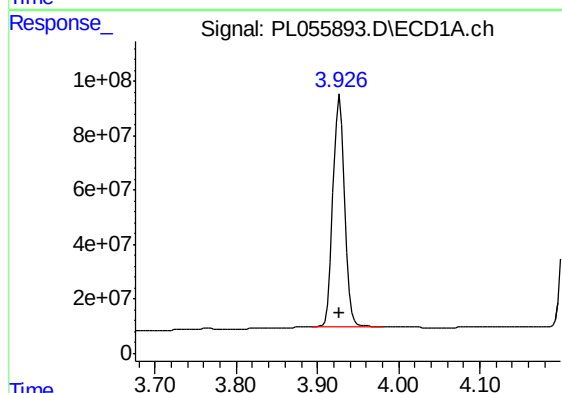
R.T.: 3.490 min  
Delta R.T.: 0.000 min  
Response: 487021347  
Conc: 50.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



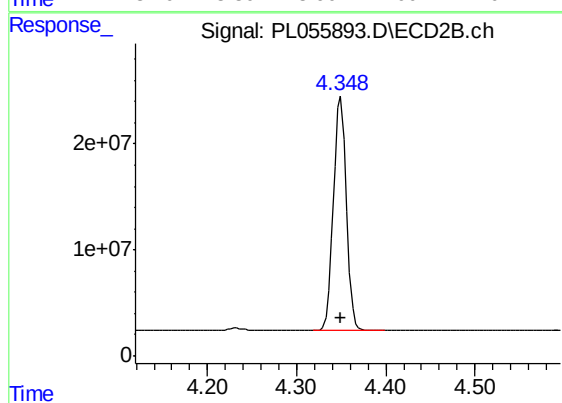
#1 Tetrachloro-m-xylene

R.T.: 3.967 min  
Delta R.T.: 0.000 min  
Response: 143417358  
Conc: 50.74 ng/ml



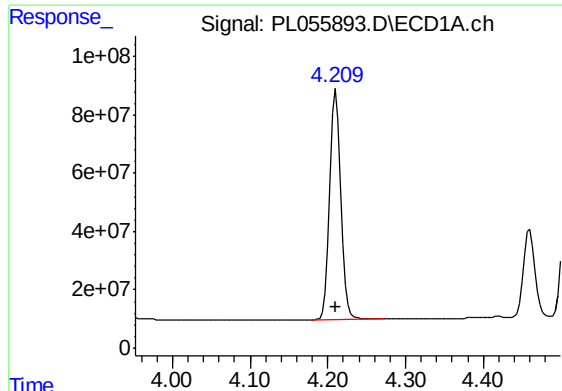
#2 alpha-BHC

R.T.: 3.927 min  
Delta R.T.: 0.000 min  
Response: 838528803  
Conc: 50.53 ng/ml



#2 alpha-BHC

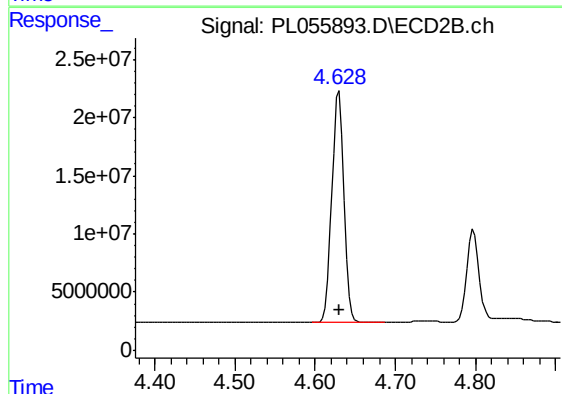
R.T.: 4.350 min  
Delta R.T.: 0.000 min  
Response: 221155711  
Conc: 52.15 ng/ml



#3 gamma-BHC (Lindane)

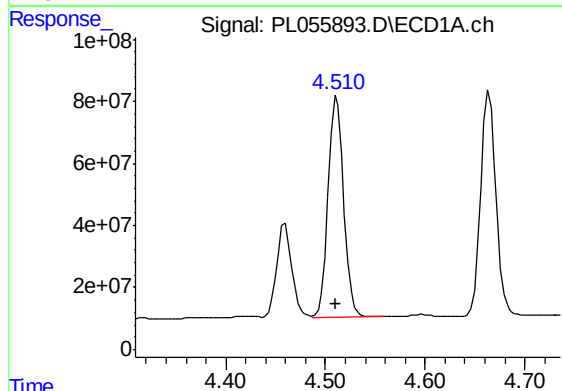
R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 796342343  
Conc: 52.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



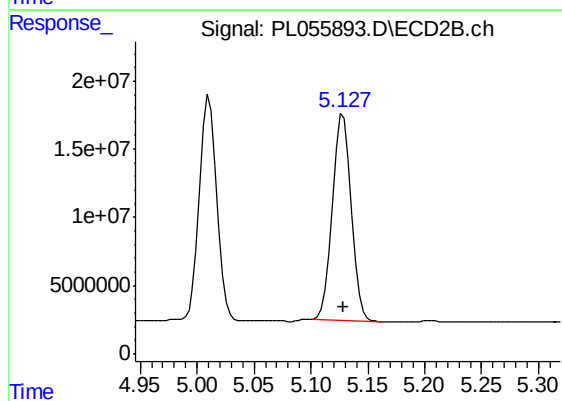
#3 gamma-BHC (Lindane)

R.T.: 4.629 min  
Delta R.T.: 0.000 min  
Response: 206052642  
Conc: 51.94 ng/ml



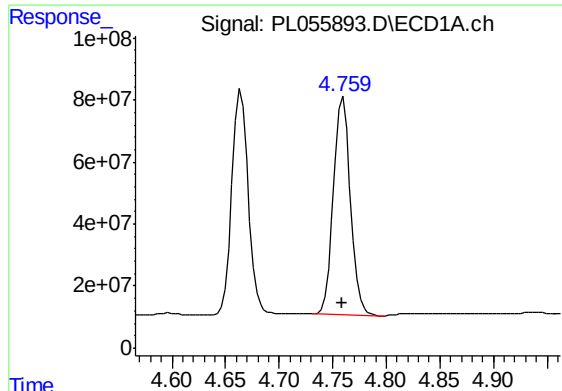
#4 Heptachlor

R.T.: 4.512 min  
Delta R.T.: 0.000 min  
Response: 768068097  
Conc: 51.44 ng/ml



#4 Heptachlor

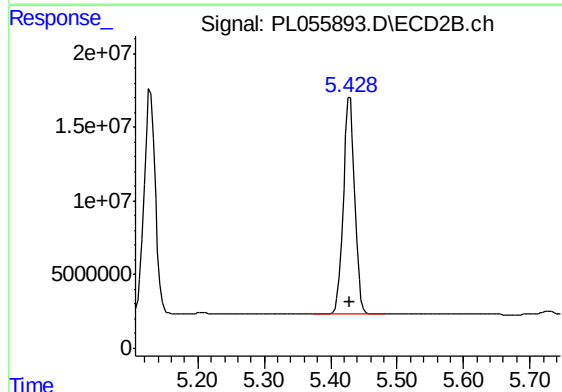
R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 172103222  
Conc: 50.90 ng/ml



#5 Aldrin

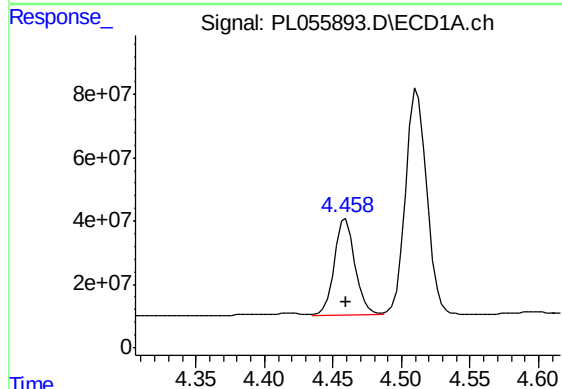
R.T.: 4.760 min  
Delta R.T.: 0.000 min  
Response: 775062770  
Conc: 52.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



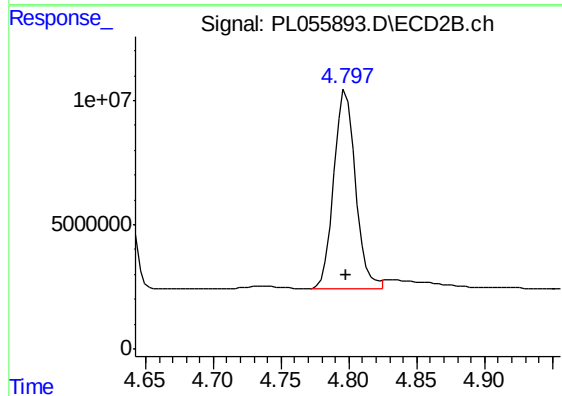
#5 Aldrin

R.T.: 5.429 min  
Delta R.T.: 0.000 min  
Response: 176514772  
Conc: 51.49 ng/ml



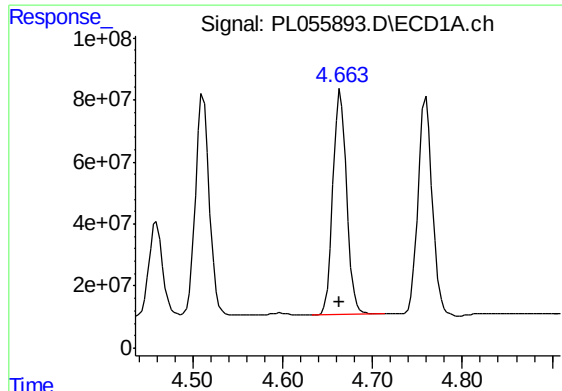
#6 beta-BHC

R.T.: 4.459 min  
Delta R.T.: 0.000 min  
Response: 320410159  
Conc: 49.93 ng/ml



#6 beta-BHC

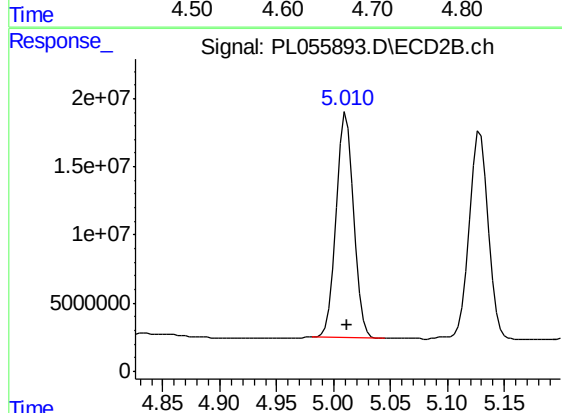
R.T.: 4.798 min  
Delta R.T.: 0.000 min  
Response: 87297025  
Conc: 55.01 ng/ml



#7 delta-BHC

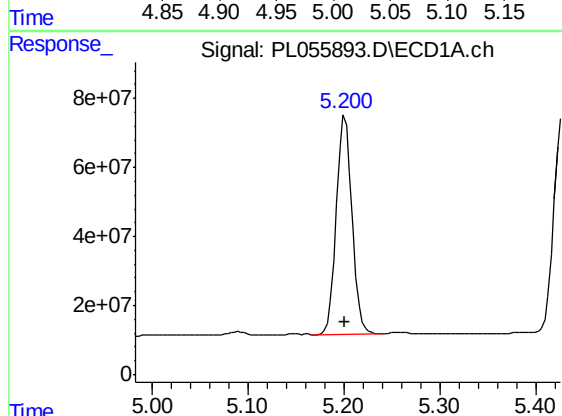
R.T.: 4.664 min  
Delta R.T.: 0.000 min  
Response: 770811569  
Conc: 52.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



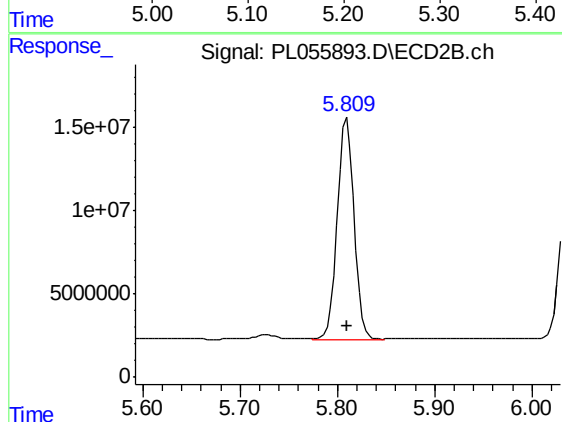
#7 delta-BHC

R.T.: 5.011 min  
Delta R.T.: 0.000 min  
Response: 174081511  
Conc: 58.26 ng/ml



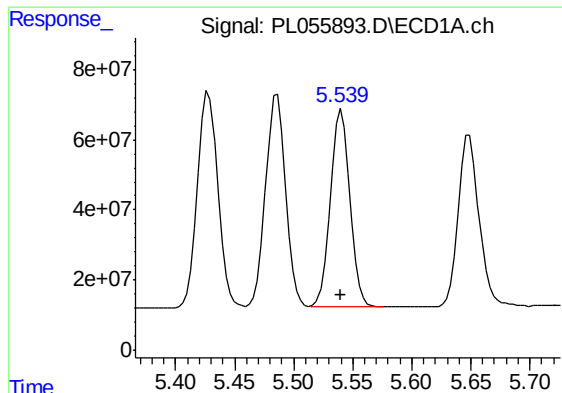
#8 Heptachlor epoxide

R.T.: 5.201 min  
Delta R.T.: 0.000 min  
Response: 715087111  
Conc: 51.84 ng/ml



#8 Heptachlor epoxide

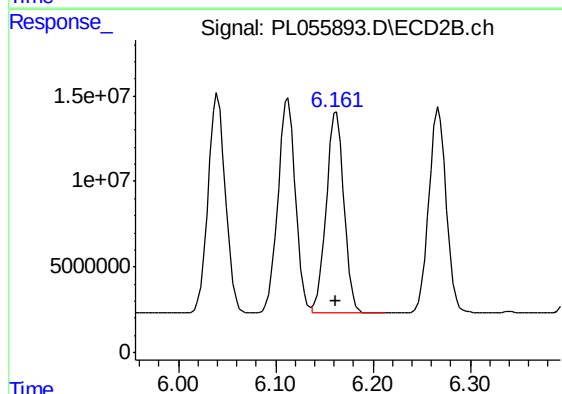
R.T.: 5.810 min  
Delta R.T.: 0.000 min  
Response: 160616309  
Conc: 53.75 ng/ml



#9 Endosulfan I

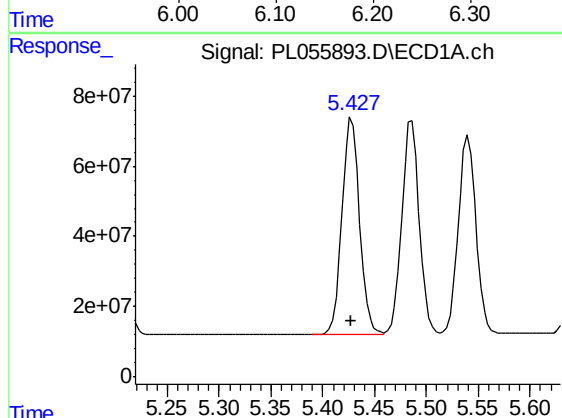
R.T.: 5.540 min  
Delta R.T.: 0.000 min  
Response: 660162524  
Conc: 50.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



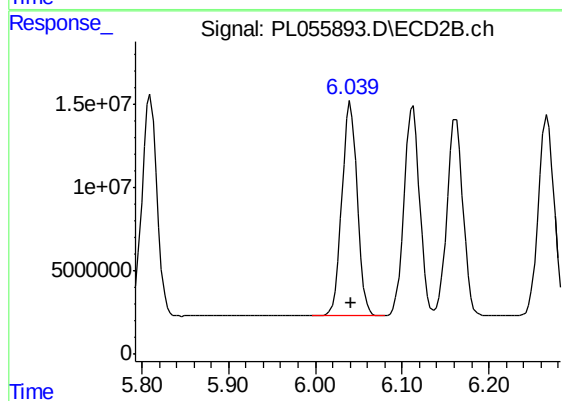
#9 Endosulfan I

R.T.: 6.162 min  
Delta R.T.: 0.000 min  
Response: 149298086  
Conc: 51.27 ng/ml



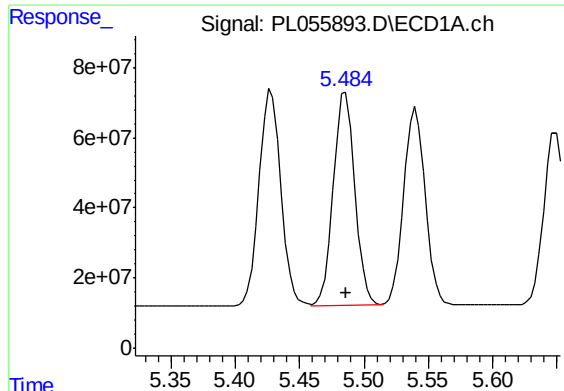
#10 gamma-Chlordane

R.T.: 5.428 min  
Delta R.T.: 0.000 min  
Response: 729064625  
Conc: 51.97 ng/ml



#10 gamma-Chlordane

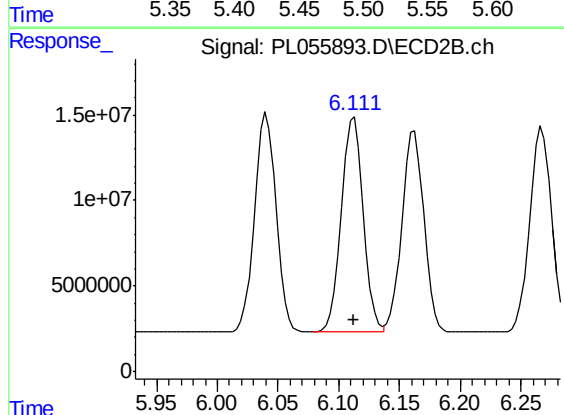
R.T.: 6.041 min  
Delta R.T.: 0.000 min  
Response: 158447326  
Conc: 51.38 ng/ml



#11 alpha-Chlordane

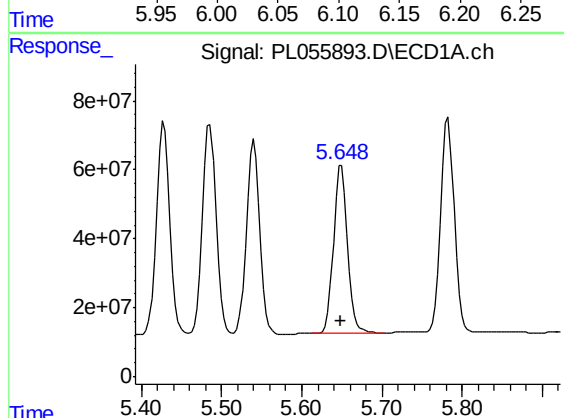
R.T.: 5.486 min  
Delta R.T.: 0.000 min  
Response: 712268317  
Conc: 51.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



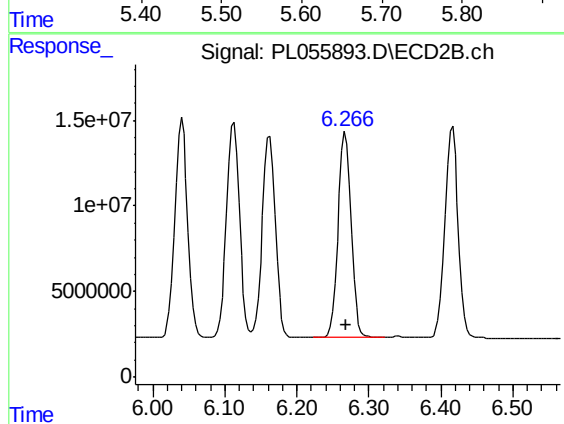
#11 alpha-Chlordane

R.T.: 6.113 min  
Delta R.T.: 0.000 min  
Response: 157763593  
Conc: 51.10 ng/ml



#12 4,4'-DDE

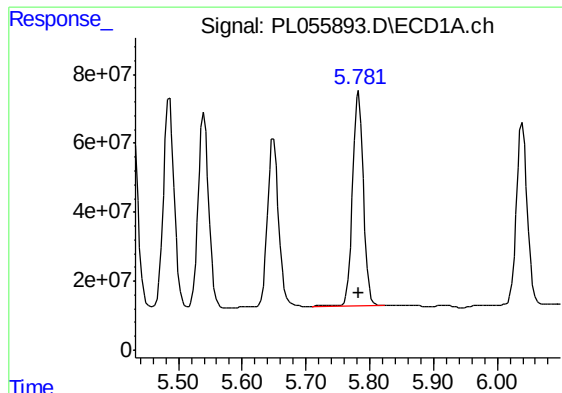
R.T.: 5.649 min  
Delta R.T.: 0.000 min  
Response: 595892553  
Conc: 45.62 ng/ml



#12 4,4'-DDE

R.T.: 6.268 min  
Delta R.T.: 0.000 min  
Response: 150373192  
Conc: 51.35 ng/ml

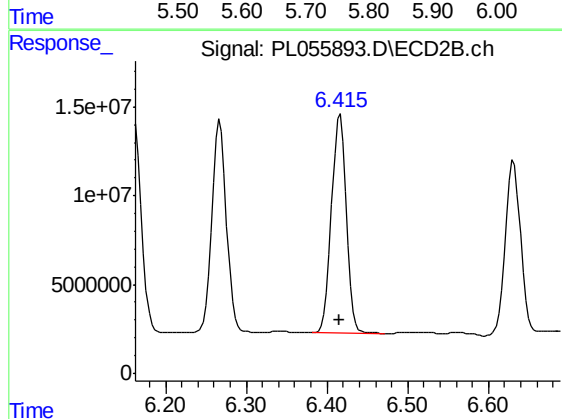




#13 Dieldrin

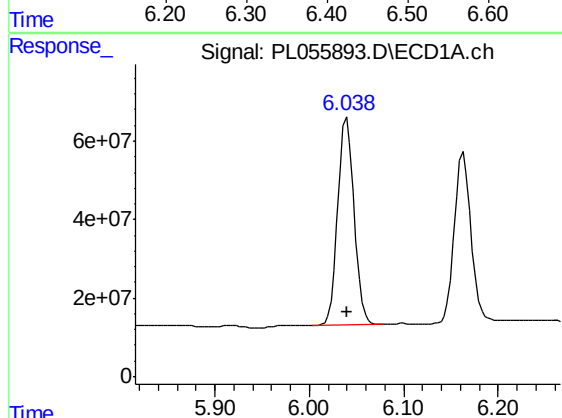
R.T.: 5.783 min  
Delta R.T.: 0.000 min  
Response: 725663156  
Conc: 52.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



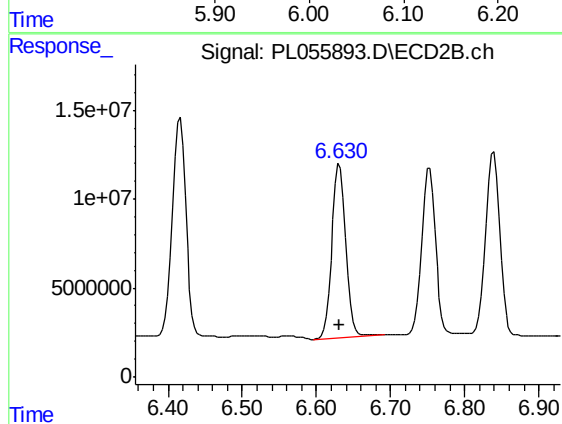
#13 Dieldrin

R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 156829209  
Conc: 51.89 ng/ml



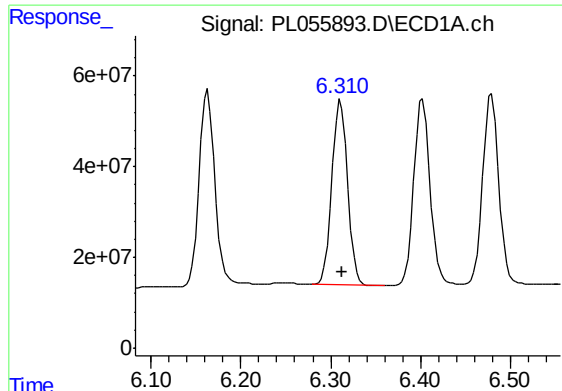
#14 Endrin

R.T.: 6.040 min  
Delta R.T.: 0.000 min  
Response: 633589544  
Conc: 50.15 ng/ml



#14 Endrin

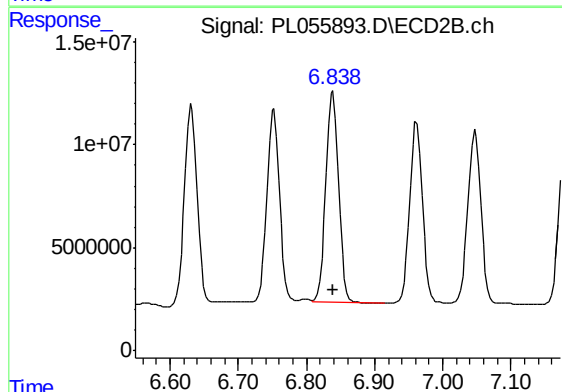
R.T.: 6.632 min  
Delta R.T.: 0.000 min  
Response: 129351599  
Conc: 51.05 ng/ml



#15 Endosulfan II

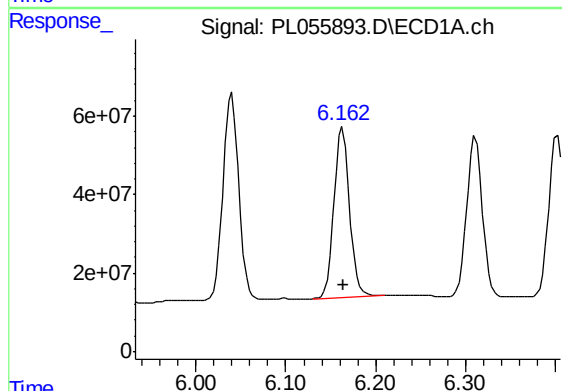
R.T.: 6.311 min  
Delta R.T.: -0.001 min  
Response: 495794253  
Conc: 44.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



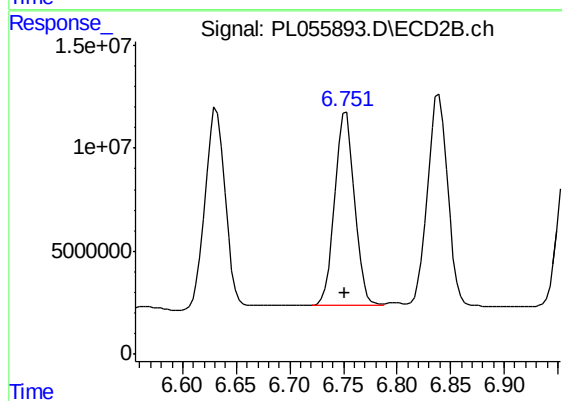
#15 Endosulfan II

R.T.: 6.839 min  
Delta R.T.: 0.000 min  
Response: 135039747  
Conc: 50.35 ng/ml



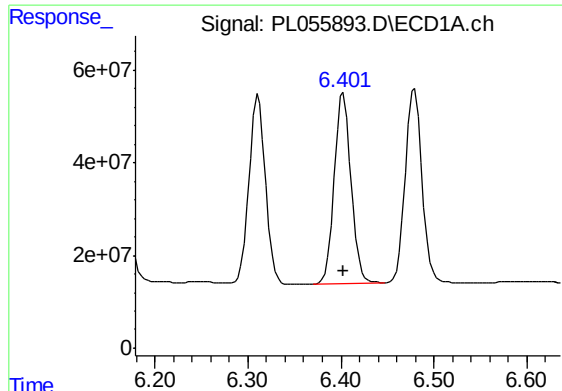
#16 4,4'-DDD

R.T.: 6.163 min  
Delta R.T.: 0.000 min  
Response: 523538438  
Conc: 52.58 ng/ml



#16 4,4'-DDD

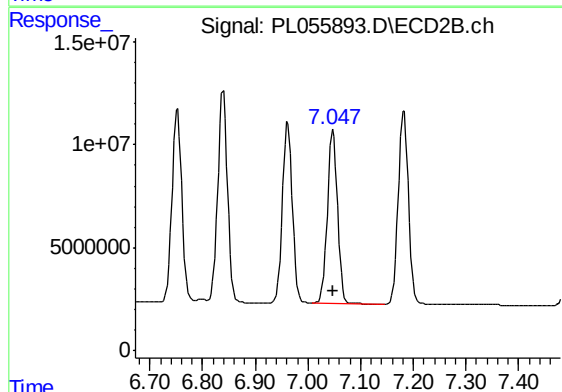
R.T.: 6.752 min  
Delta R.T.: 0.000 min  
Response: 120761831  
Conc: 52.38 ng/ml



#17 4,4'-DDT

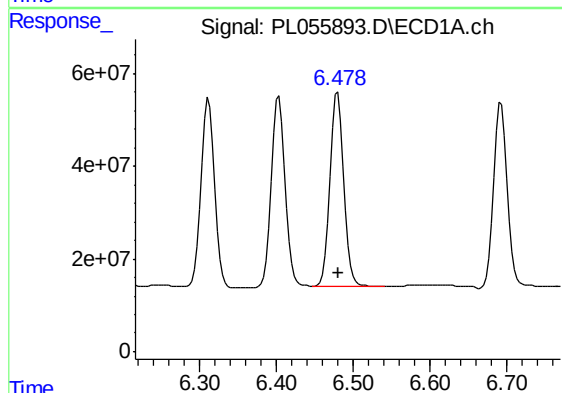
R.T.: 6.403 min  
Delta R.T.: 0.000 min  
Response: 517142725  
Conc: 51.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



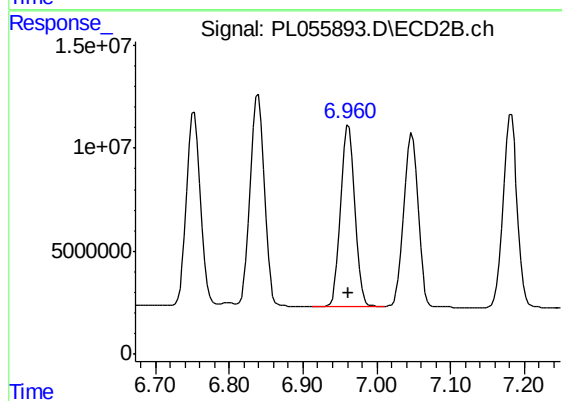
#17 4,4'-DDT

R.T.: 7.048 min  
Delta R.T.: 0.000 min  
Response: 113916386  
Conc: 50.45 ng/ml



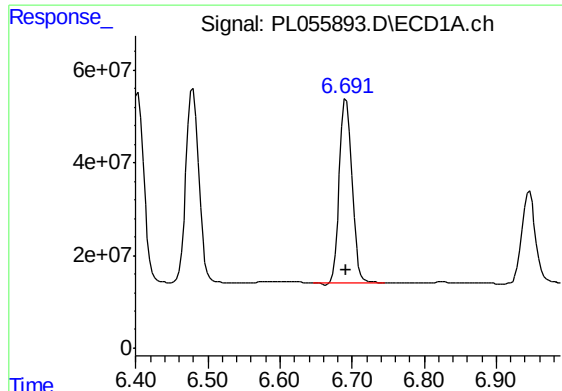
#18 Endrin aldehyde

R.T.: 6.479 min  
Delta R.T.: 0.000 min  
Response: 524454006  
Conc: 50.46 ng/ml



#18 Endrin aldehyde

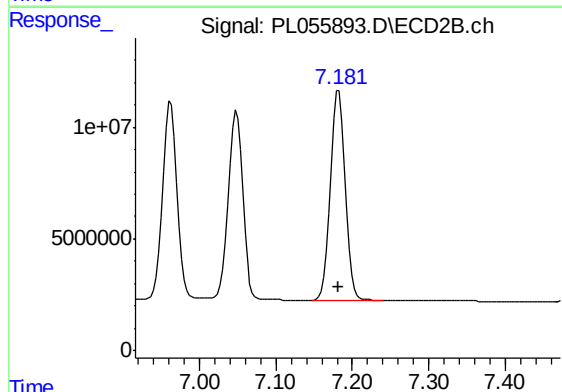
R.T.: 6.962 min  
Delta R.T.: 0.000 min  
Response: 114994750  
Conc: 50.94 ng/ml



#19 Endosulfan Sulfate

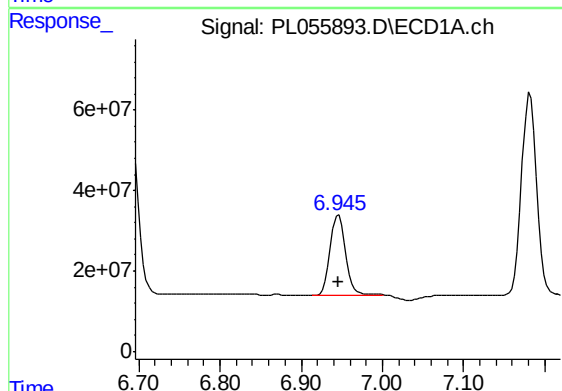
R.T.: 6.692 min  
Delta R.T.: 0.000 min  
Response: 478558388  
Conc: 44.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



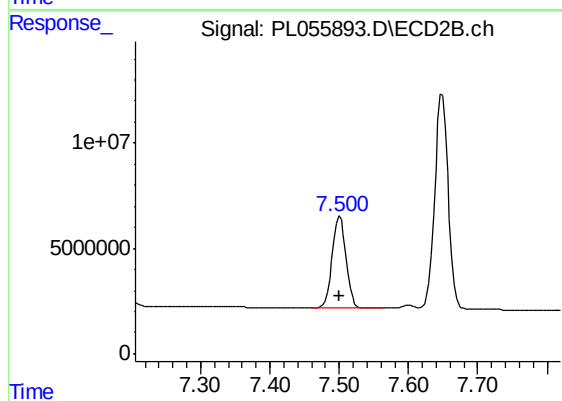
#19 Endosulfan Sulfate

R.T.: 7.182 min  
Delta R.T.: 0.000 min  
Response: 126115578  
Conc: 50.94 ng/ml



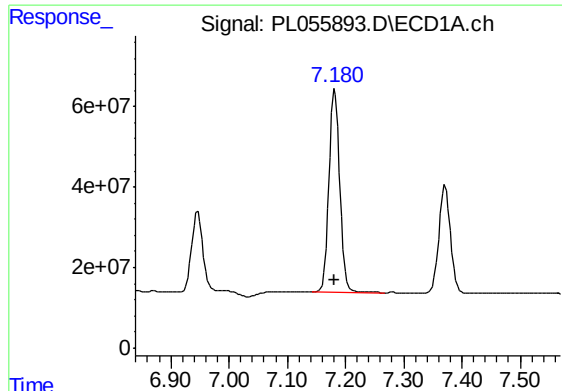
#20 Methoxychlor

R.T.: 6.946 min  
Delta R.T.: 0.000 min  
Response: 262707263  
Conc: 50.34 ng/ml



#20 Methoxychlor

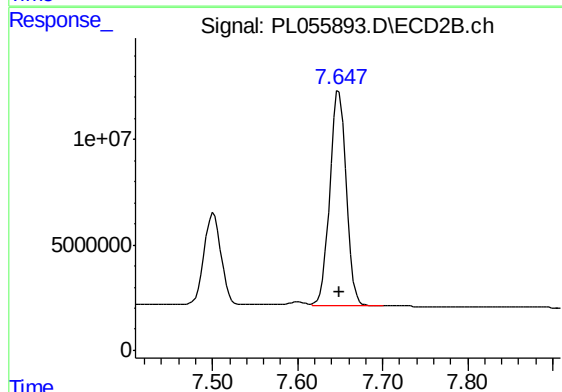
R.T.: 7.501 min  
Delta R.T.: 0.000 min  
Response: 60515066  
Conc: 50.72 ng/ml



#21 Endrin ketone

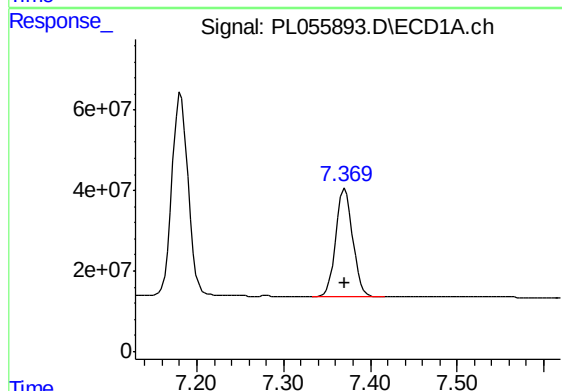
R.T.: 7.182 min  
Delta R.T.: 0.000 min  
Response: 658857237  
Conc: 52.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



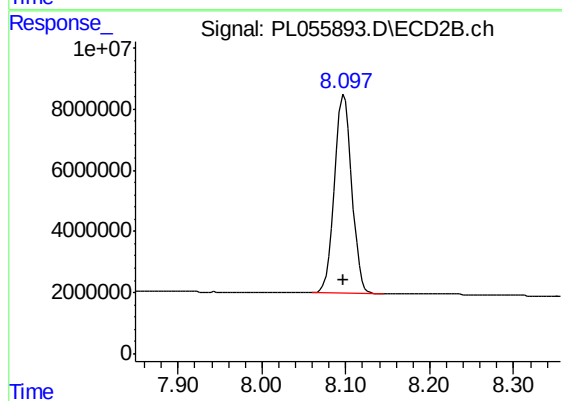
#21 Endrin ketone

R.T.: 7.649 min  
Delta R.T.: 0.000 min  
Response: 137515685  
Conc: 52.08 ng/ml



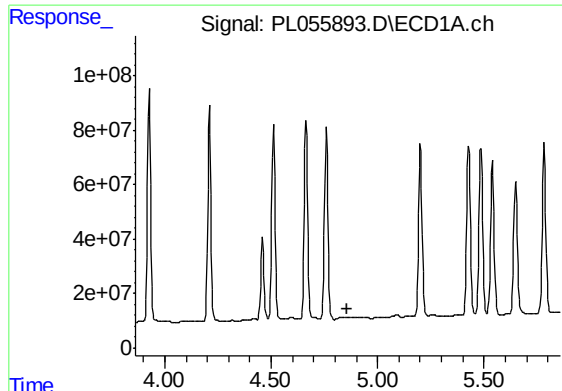
#22 Mirex

R.T.: 7.371 min  
Delta R.T.: 0.000 min  
Response: 364756341  
Conc: 51.93 ng/ml



#22 Mirex

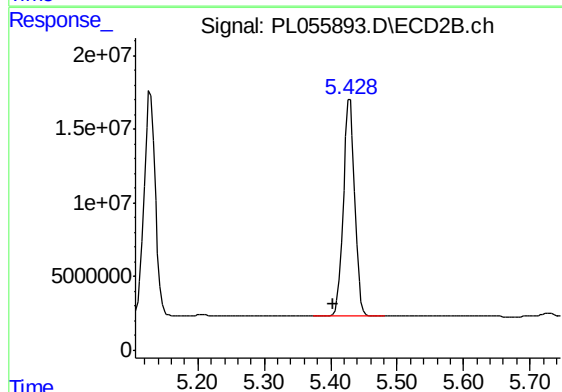
R.T.: 8.098 min  
Delta R.T.: 0.000 min  
Response: 92851425  
Conc: 50.89 ng/ml



#24 Chlordane-2

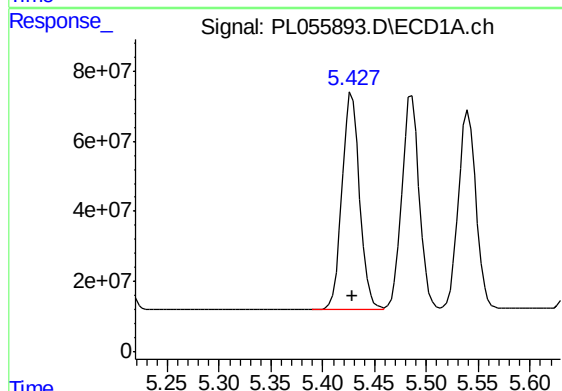
R.T.: 0.000 min  
Exp R.T.: 4.860 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



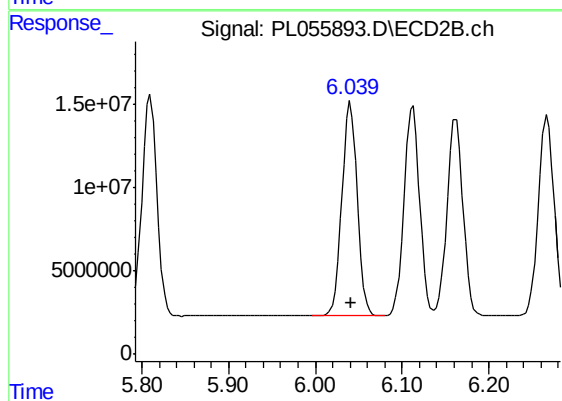
#24 Chlordane-2

R.T.: 5.429 min  
Delta R.T.: 0.026 min  
Response: 176514772  
Conc: 1601.09 ng/ml



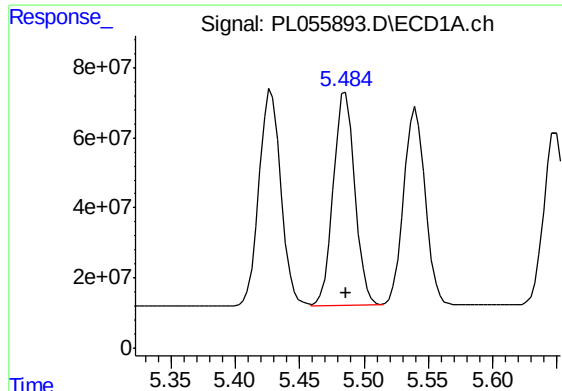
#25 Chlordane-3

R.T.: 5.428 min  
Delta R.T.: 0.000 min  
Response: 729064625  
Conc: 585.46 ng/ml



#25 Chlordane-3

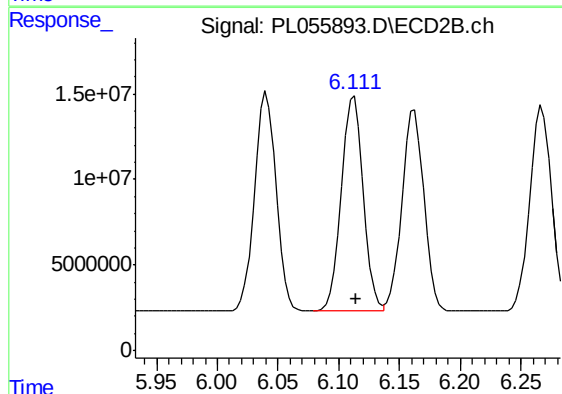
R.T.: 6.041 min  
Delta R.T.: 0.000 min  
Response: 158447326  
Conc: 399.20 ng/ml



#26 Chlordane-4

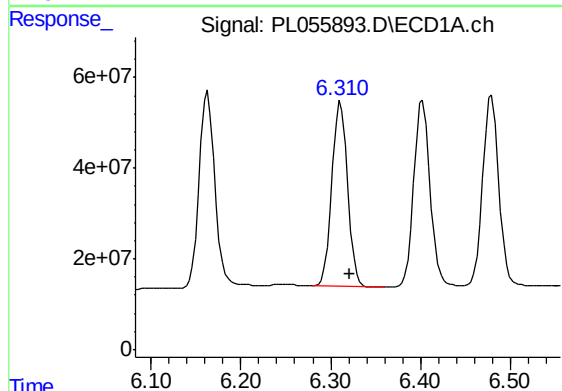
R.T.: 5.486 min  
Delta R.T.: 0.000 min  
Response: 712268317  
Conc: 690.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



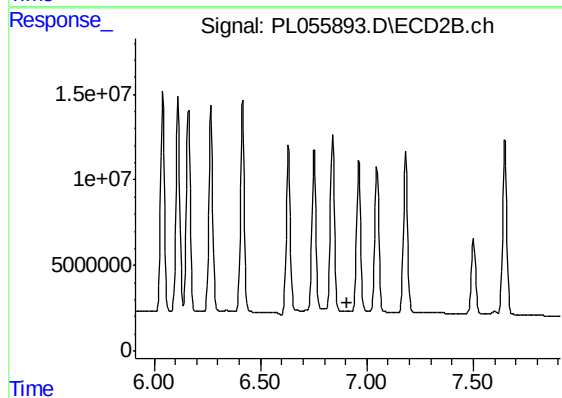
#26 Chlordane-4

R.T.: 6.113 min  
Delta R.T.: -0.002 min  
Response: 157763593  
Conc: 336.08 ng/ml



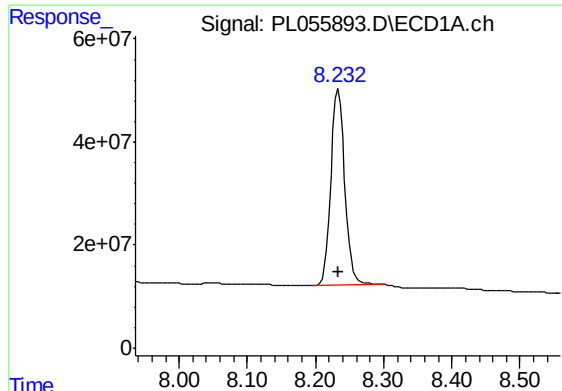
#27 Chlordane-5

R.T.: 6.311 min  
Delta R.T.: -0.010 min  
Response: 495794253  
Conc: 1267.64 ng/ml



#27 Chlordane-5

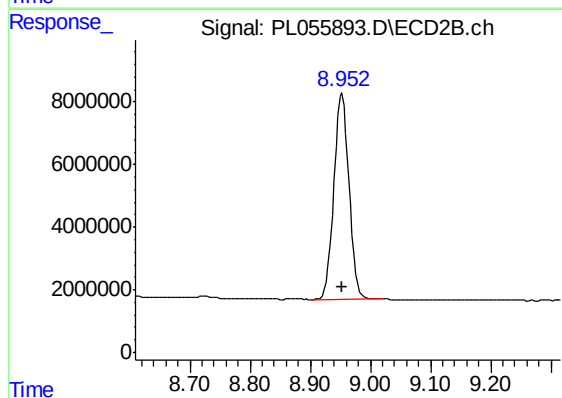
R.T.: 0.000 min  
Exp R.T. : 6.910 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.234 min  
Delta R.T.: 0.000 min  
Response: 536219933  
Conc: 51.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.953 min  
Delta R.T.: 0.000 min  
Response: 115817017  
Conc: 50.55 ng/ml