

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111519\  
 Data File : PL054308.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Nov 2019 19:42  
 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: Nov 16 00:30:01 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 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... | 3.540  | 4.043  | 551.5E6 | 127.7E6  | 50.881   | 51.015     |
| 28)                         | SA Decachlor... | 8.321  | 9.122  | 455.6E6 | 130.9E6  | 46.440   | 46.466     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.983  | 4.435  | 903.4E6 | 180.8E6  | 51.809   | 52.298     |
| 3)                          | MA gamma-BHC... | 4.269  | 4.720  | 811.6E6 | 164.9E6  | 52.112   | 51.200     |
| 4)                          | MA Heptachlor   | 4.576  | 5.229  | 804.5E6 | 151.0E6  | 50.970   | 46.870     |
| 5)                          | MB Aldrin       | 4.827  | 5.535  | 746.5E6 | 140.5E6  | 52.220   | 47.136     |
| 6)                          | B beta-BHC      | 4.520  | 4.890  | 333.7E6 | 75042082 | 50.633   | 48.583     |
| 7)                          | B delta-BHC     | 4.728  | 5.108  | 785.4E6 | 156.4E6  | 51.597   | 51.767     |
| 8)                          | B Heptachlor... | 5.272  | 5.922  | 682.9E6 | 133.6E6  | 50.585   | 45.811     |
| 9)                          | A Endosulfan I  | 5.614  | 6.278  | 609.0E6 | 124.2E6  | 49.544   | 45.802     |
| 10)                         | B gamma-Chl...  | 5.501  | 6.155  | 679.2E6 | 134.2E6  | 49.782   | 46.007     |
| 11)                         | B alpha-Chl...  | 5.559  | 6.228  | 656.5E6 | 133.8E6  | 49.349   | 45.821     |
| 12)                         | B 4,4'-DDE      | 5.722  | 6.384  | 613.4E6 | 128.5E6  | 51.620   | 45.631     |
| 13)                         | MA Dieldrin     | 5.858  | 6.535  | 648.0E6 | 130.5E6  | 49.717   | 45.734     |
| 14)                         | MA Endrin       | 6.117  | 6.754  | 566.7E6 | 109.2E6  | 48.891   | 44.987     |
| 15)                         | B Endosulfa...  | 6.390  | 6.962  | 534.9E6 | 117.5E6  | 47.841   | 45.980     |
| 16)                         | A 4,4'-DDD      | 6.240  | 6.874  | 460.0E6 | 100.6E6  | 51.691   | 48.267     |
| 17)                         | MA 4,4'-DDT     | 6.482  | 7.173  | 457.1E6 | 101.9E6  | 46.139   | 44.044     |
| 18)                         | B Endrin al...  | 6.558  | 7.086  | 431.9E6 | 99379824 | 47.104   | 45.239     |
| 19)                         | B Endosulfa...  | 6.772  | 7.309  | 480.6E6 | 111.2E6  | 47.248   | 45.315     |
| 20)                         | A Methoxychlor  | 7.027  | 7.631  | 222.4E6 | 57022177 | 45.099   | 43.900     |
| 21)                         | B Endrin ke...  | 7.266  | 7.780  | 526.8E6 | 122.7E6  | 48.935   | 47.567     |
| 22)                         | Mirex           | 7.458  | 8.235  | 392.5E6 | 95201002 | 45.889   | 47.058     |
| 23)                         | Chlordane-1     | 4.447f | 0.000  | 4839672 | 0        | 13.646   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.535f | 0       | 140.5E6  | N.D.     | 1430.820 # |
| 25)                         | Chlordane-3     | 5.501  | 6.155  | 679.2E6 | 134.2E6  | 589.234  | 367.550 #  |
| 26)                         | Chlordane-4     | 5.559  | 6.228  | 656.5E6 | 133.8E6  | 700.320  | 297.950 #  |
| 27)                         | Chlordane-5     | 6.390f | 0.000  | 534.9E6 | 0        | 1463.243 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

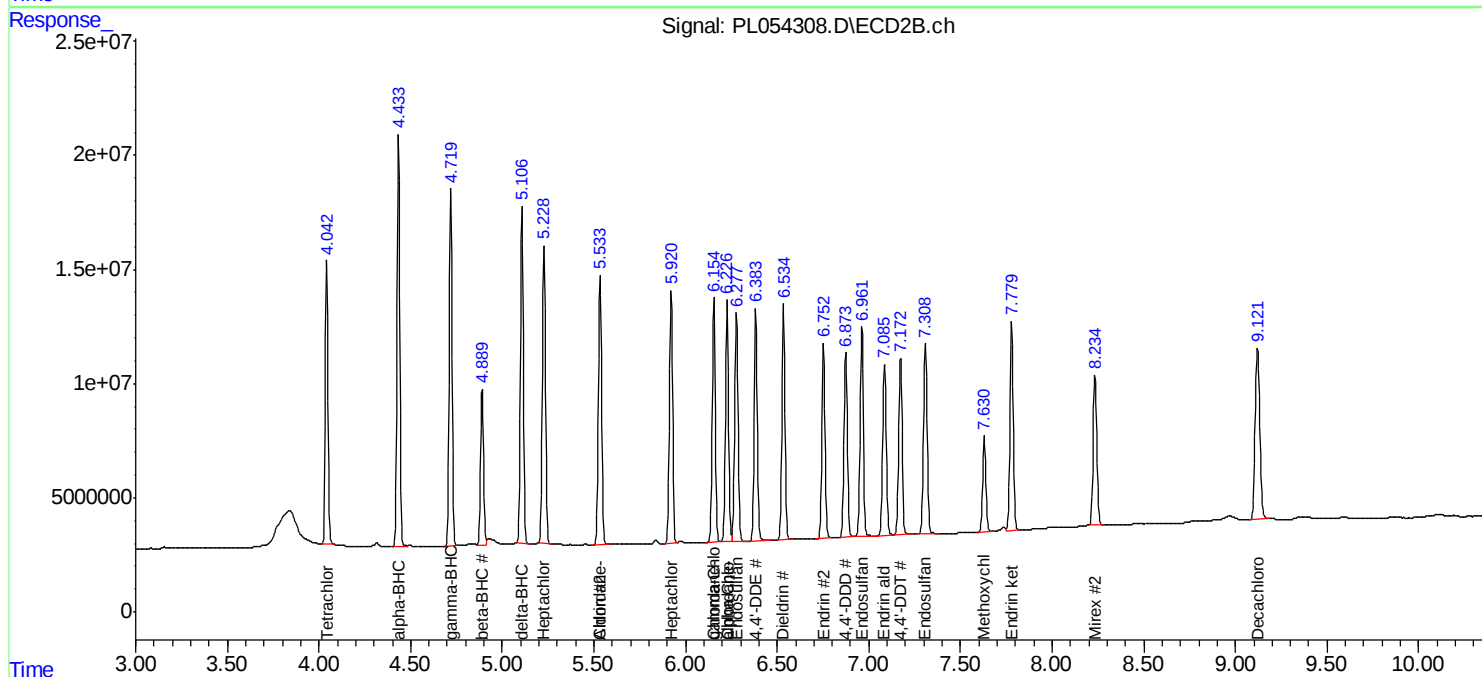
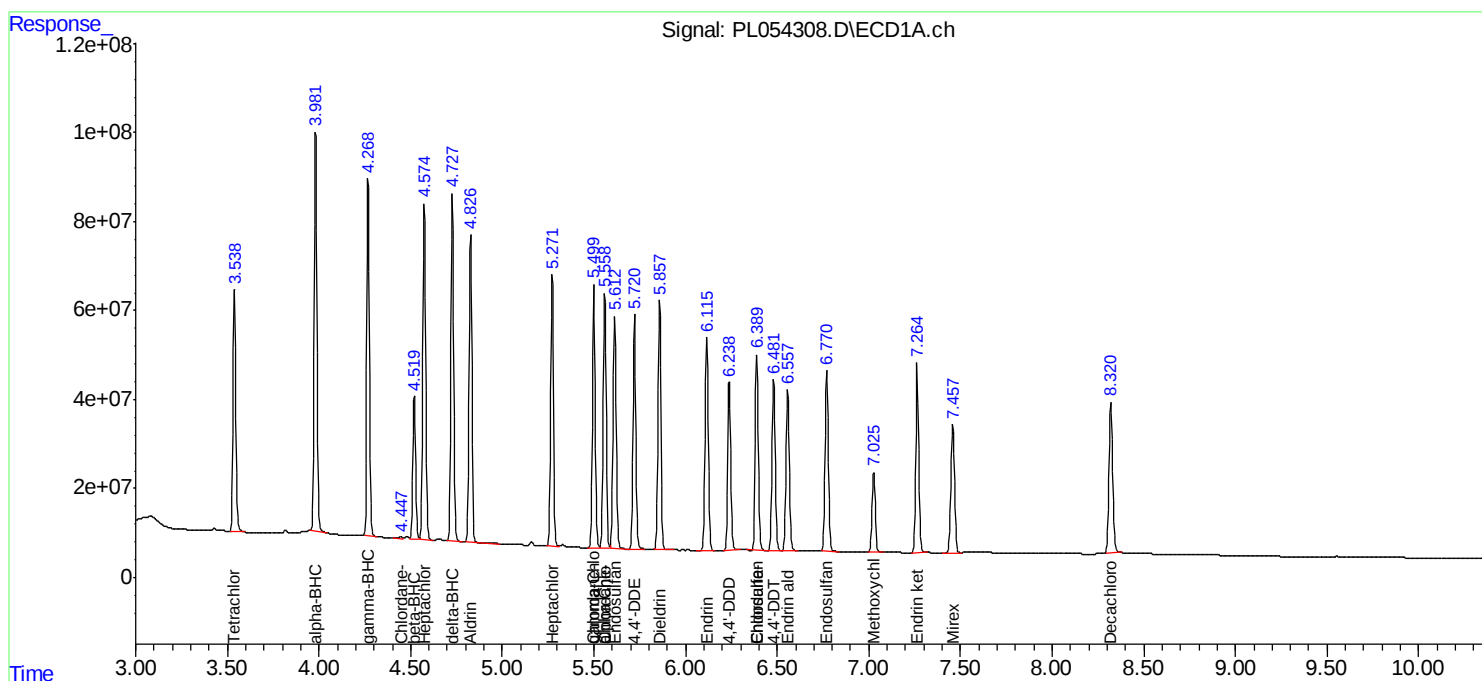
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

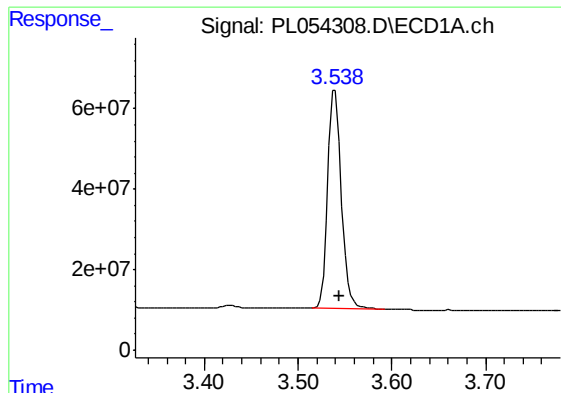
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111519\  
Data File : PL054308.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Nov 2019 19:42  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 16 00:30:01 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 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

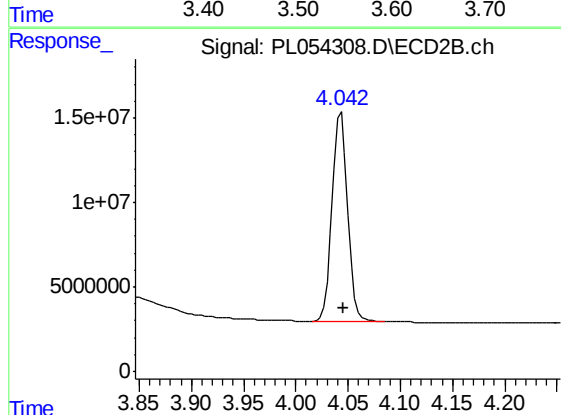




#1 Tetrachloro-m-xylene

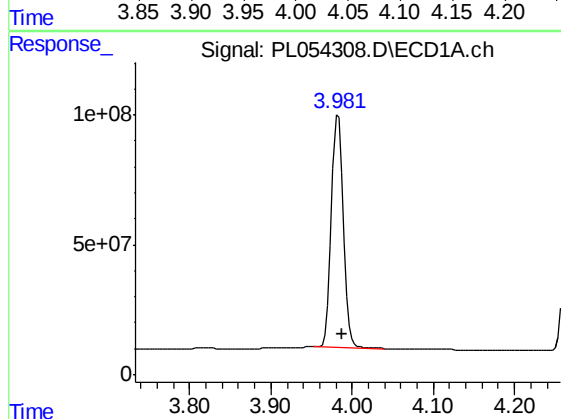
R.T.: 3.540 min  
Delta R.T.: -0.004 min  
Response: 551522146  
Conc: 50.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



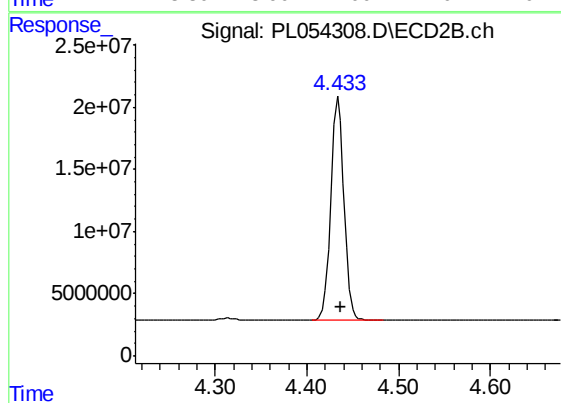
#1 Tetrachloro-m-xylene

R.T.: 4.043 min  
Delta R.T.: -0.003 min  
Response: 127659199  
Conc: 51.02 ng/ml



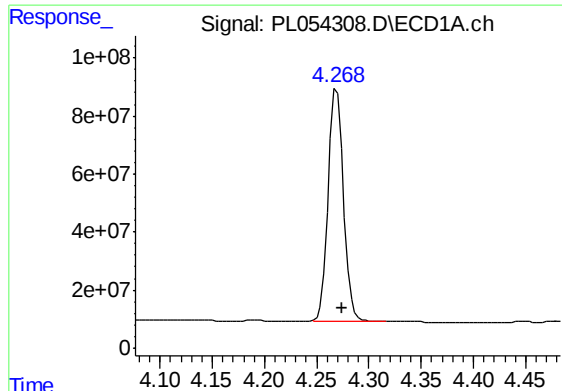
#2 alpha-BHC

R.T.: 3.983 min  
Delta R.T.: -0.005 min  
Response: 903370143  
Conc: 51.81 ng/ml



#2 alpha-BHC

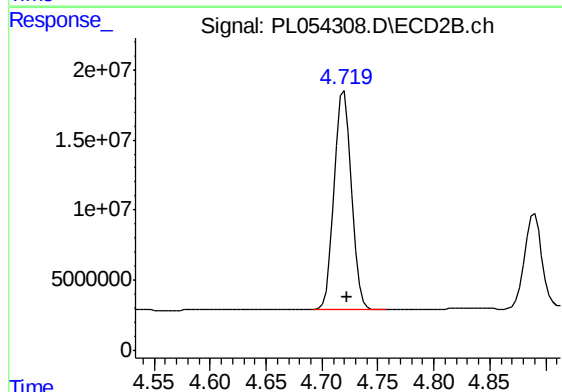
R.T.: 4.435 min  
Delta R.T.: -0.002 min  
Response: 180799597  
Conc: 52.30 ng/ml



#3 gamma-BHC (Lindane)

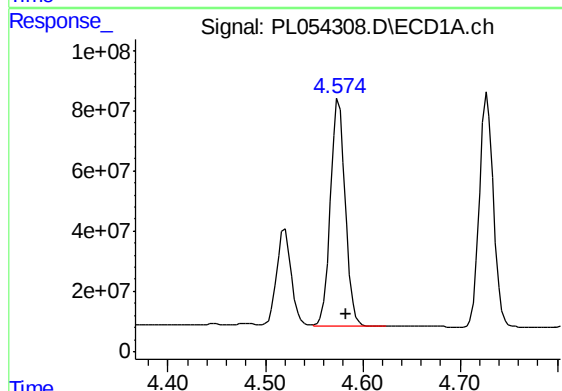
R.T.: 4.269 min  
Delta R.T.: -0.005 min  
Response: 811565976  
Conc: 52.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



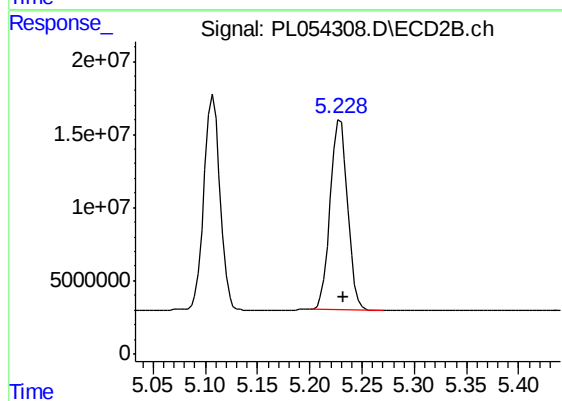
#3 gamma-BHC (Lindane)

R.T.: 4.720 min  
Delta R.T.: -0.003 min  
Response: 164884173  
Conc: 51.20 ng/ml



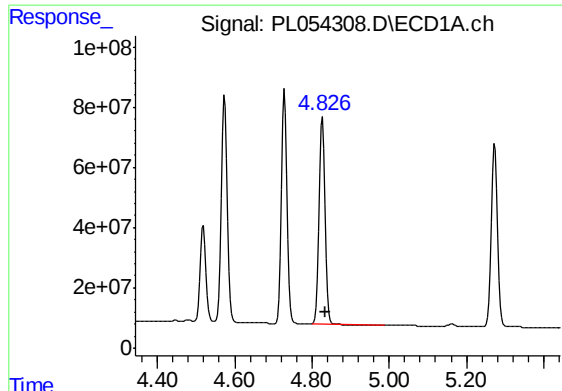
#4 Heptachlor

R.T.: 4.576 min  
Delta R.T.: -0.007 min  
Response: 804462910  
Conc: 50.97 ng/ml



#4 Heptachlor

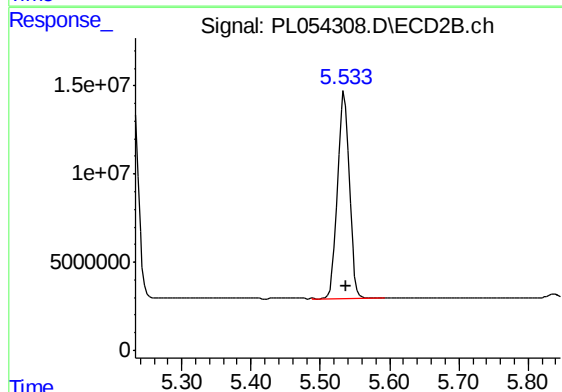
R.T.: 5.229 min  
Delta R.T.: -0.003 min  
Response: 151021442  
Conc: 46.87 ng/ml



#5 Aldrin

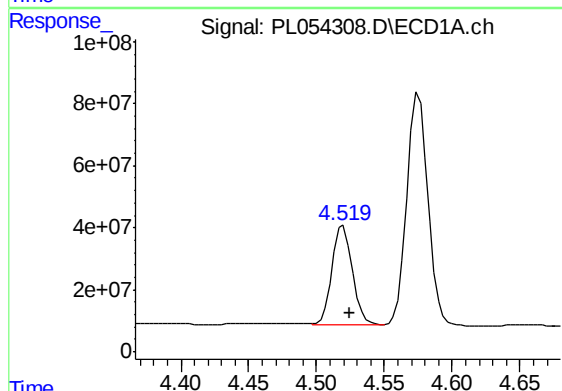
R.T.: 4.827 min  
Delta R.T.: -0.007 min  
Response: 746522902  
Conc: 52.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



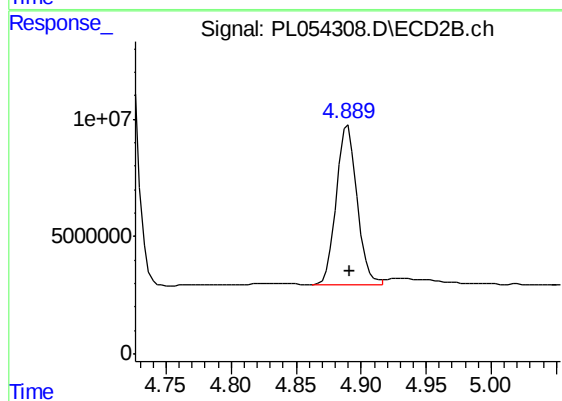
#5 Aldrin

R.T.: 5.535 min  
Delta R.T.: -0.003 min  
Response: 140537245  
Conc: 47.14 ng/ml



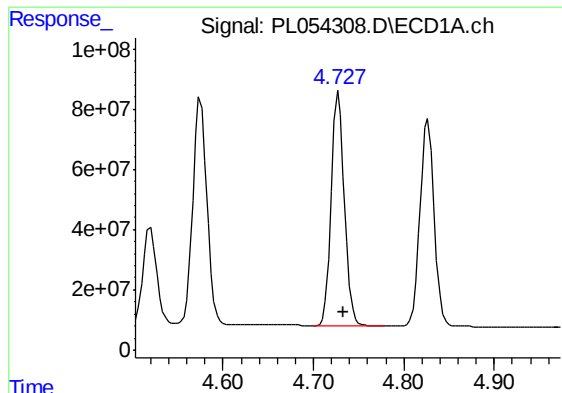
#6 beta-BHC

R.T.: 4.520 min  
Delta R.T.: -0.005 min  
Response: 333666606  
Conc: 50.63 ng/ml



#6 beta-BHC

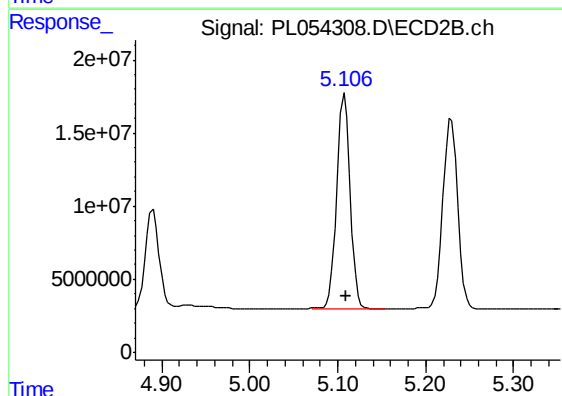
R.T.: 4.890 min  
Delta R.T.: -0.002 min  
Response: 75042082  
Conc: 48.58 ng/ml



#7 delta-BHC

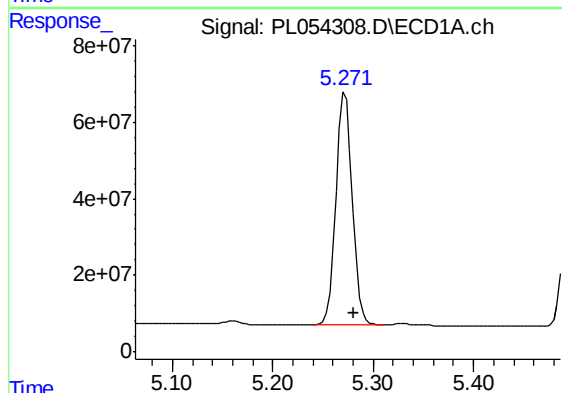
R.T.: 4.728 min  
Delta R.T.: -0.005 min  
Response: 785363523  
Conc: 51.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



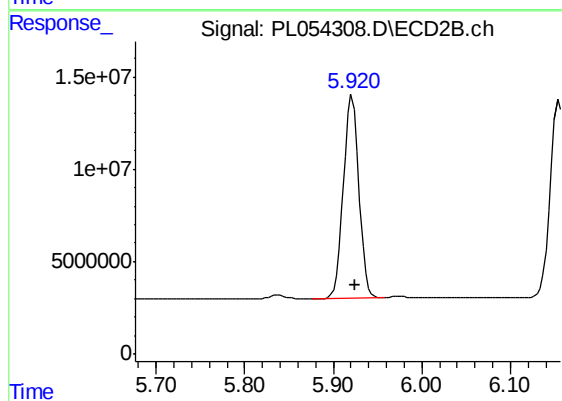
#7 delta-BHC

R.T.: 5.108 min  
Delta R.T.: -0.001 min  
Response: 156367411  
Conc: 51.77 ng/ml



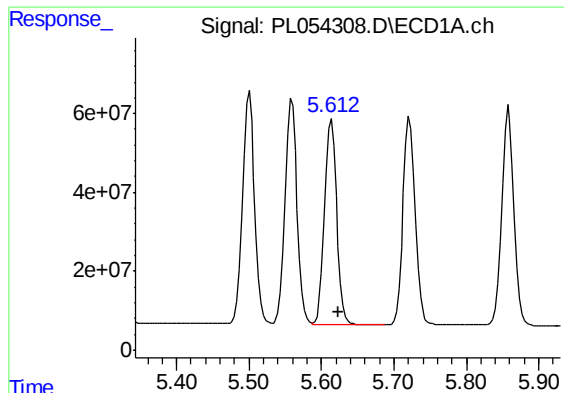
#8 Heptachlor epoxide

R.T.: 5.272 min  
Delta R.T.: -0.008 min  
Response: 682862226  
Conc: 50.59 ng/ml



#8 Heptachlor epoxide

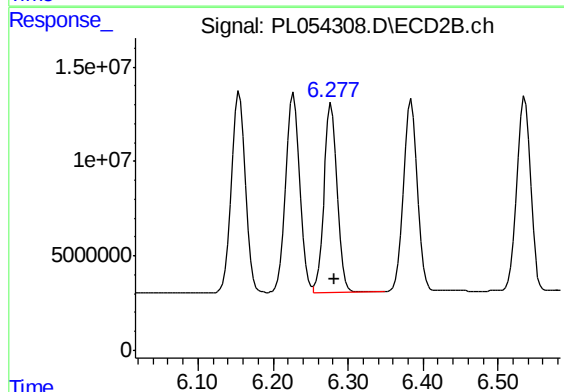
R.T.: 5.922 min  
Delta R.T.: -0.003 min  
Response: 133602025  
Conc: 45.81 ng/ml



#9 Endosulfan I

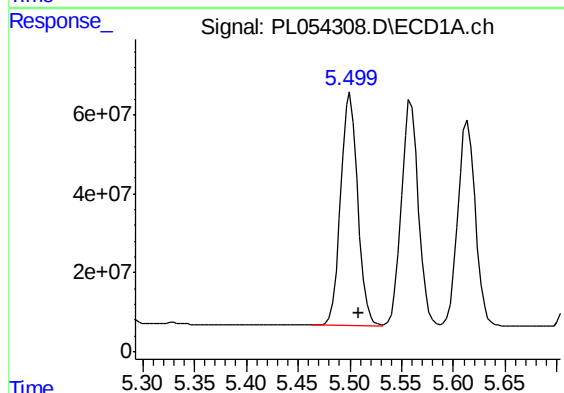
R.T.: 5.614 min  
Delta R.T.: -0.009 min  
Response: 608995109  
Conc: 49.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



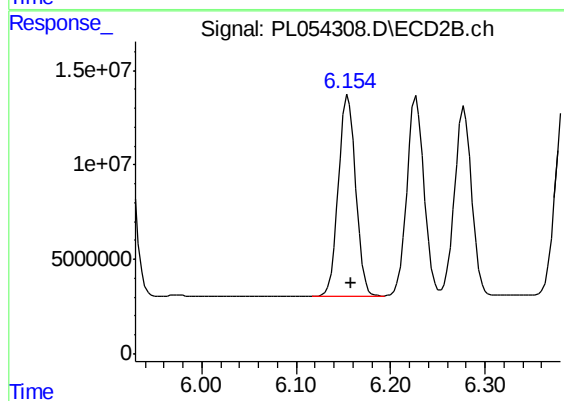
#9 Endosulfan I

R.T.: 6.278 min  
Delta R.T.: -0.003 min  
Response: 124179054  
Conc: 45.80 ng/ml



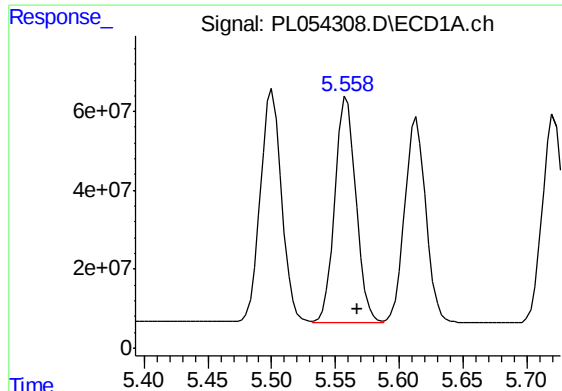
#10 gamma-Chlordane

R.T.: 5.501 min  
Delta R.T.: -0.008 min  
Response: 679201867  
Conc: 49.78 ng/ml



#10 gamma-Chlordane

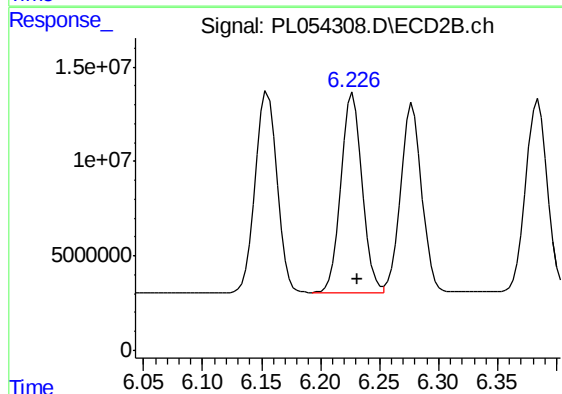
R.T.: 6.155 min  
Delta R.T.: -0.003 min  
Response: 134240287  
Conc: 46.01 ng/ml



#11 alpha-Chlordane

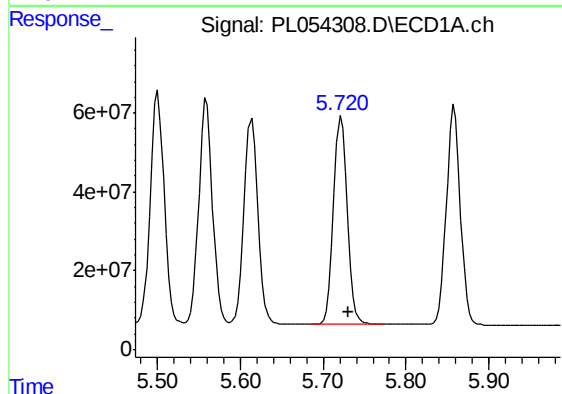
R.T.: 5.559 min  
Delta R.T.: -0.009 min  
Response: 656516049  
Conc: 49.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



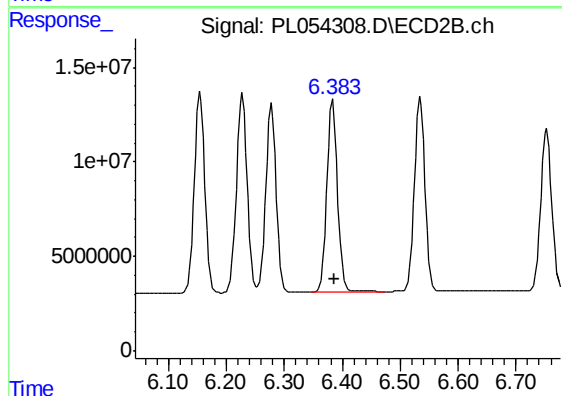
#11 alpha-Chlordane

R.T.: 6.228 min  
Delta R.T.: -0.003 min  
Response: 133760549  
Conc: 45.82 ng/ml



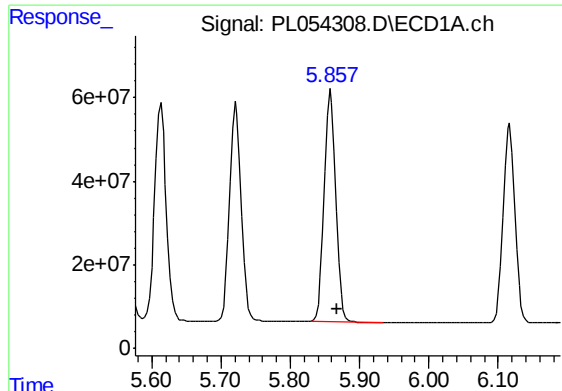
#12 4,4'-DDE

R.T.: 5.722 min  
Delta R.T.: -0.009 min  
Response: 613359044  
Conc: 51.62 ng/ml



#12 4,4'-DDE

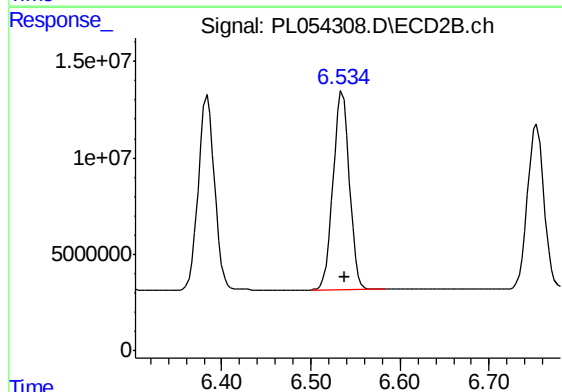
R.T.: 6.384 min  
Delta R.T.: -0.003 min  
Response: 128513596  
Conc: 45.63 ng/ml



#13 Dieldrin

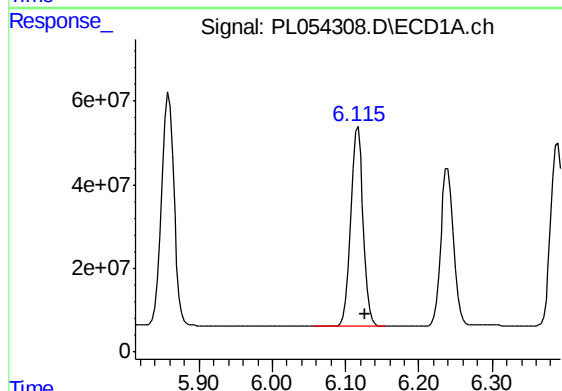
R.T.: 5.858 min  
Delta R.T.: -0.009 min  
Response: 647993899  
Conc: 49.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



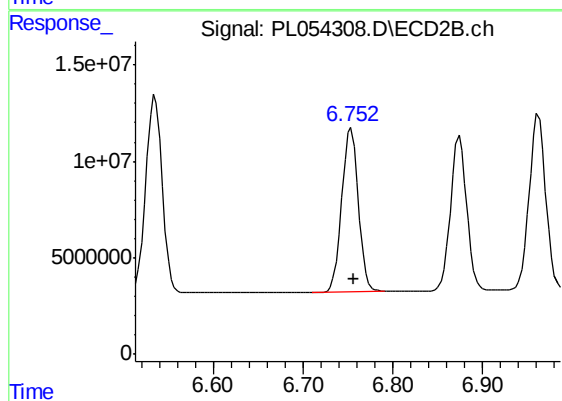
#13 Dieldrin

R.T.: 6.535 min  
Delta R.T.: -0.003 min  
Response: 130508841  
Conc: 45.73 ng/ml



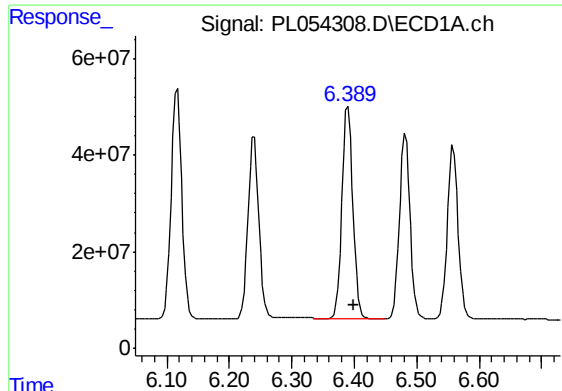
#14 Endrin

R.T.: 6.117 min  
Delta R.T.: -0.009 min  
Response: 566702877  
Conc: 48.89 ng/ml



#14 Endrin

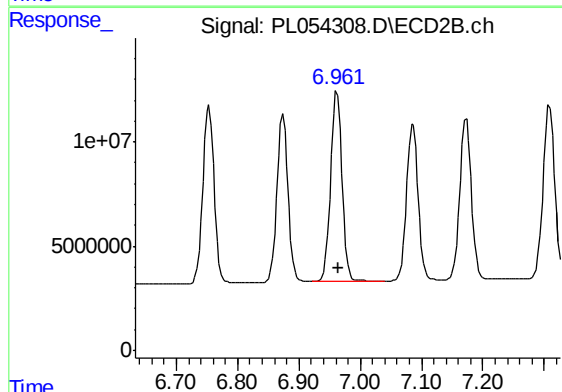
R.T.: 6.754 min  
Delta R.T.: -0.002 min  
Response: 109193442  
Conc: 44.99 ng/ml



#15 Endosulfan II

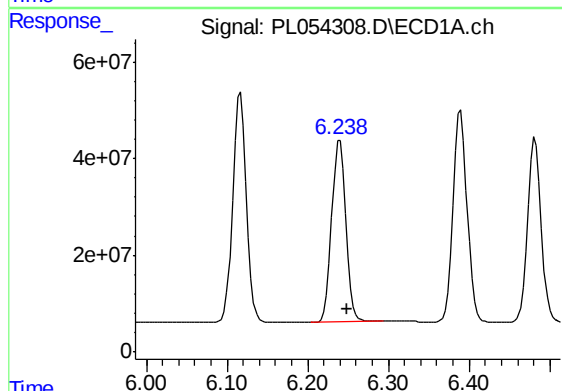
R.T.: 6.390 min  
Delta R.T.: -0.009 min  
Response: 534880244  
Conc: 47.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



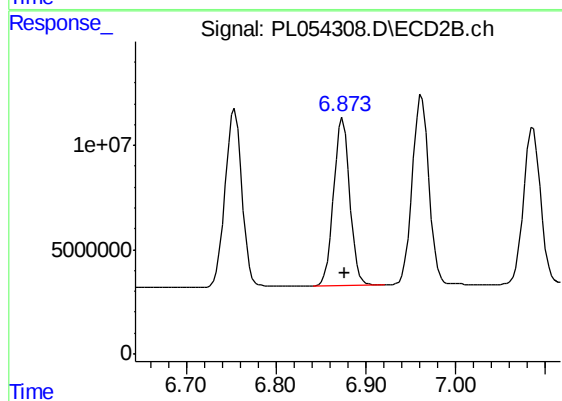
#15 Endosulfan II

R.T.: 6.962 min  
Delta R.T.: -0.003 min  
Response: 117454857  
Conc: 45.98 ng/ml



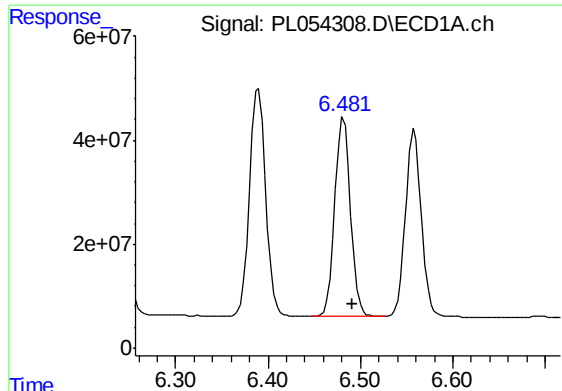
#16 4,4'-DDD

R.T.: 6.240 min  
Delta R.T.: -0.009 min  
Response: 460047699  
Conc: 51.69 ng/ml



#16 4,4'-DDD

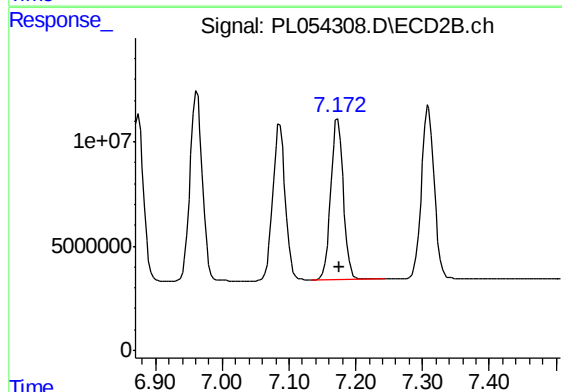
R.T.: 6.874 min  
Delta R.T.: -0.002 min  
Response: 100587463  
Conc: 48.27 ng/ml



#17 4,4'-DDT

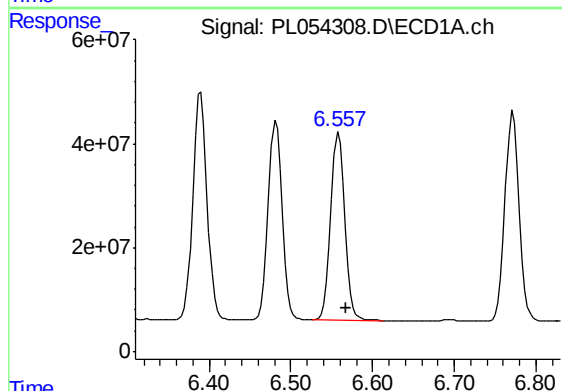
R.T.: 6.482 min  
Delta R.T.: -0.009 min  
Response: 457065961  
Conc: 46.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



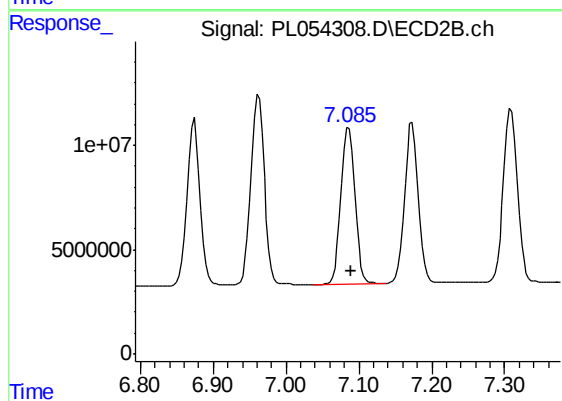
#17 4,4'-DDT

R.T.: 7.173 min  
Delta R.T.: -0.003 min  
Response: 101851170  
Conc: 44.04 ng/ml



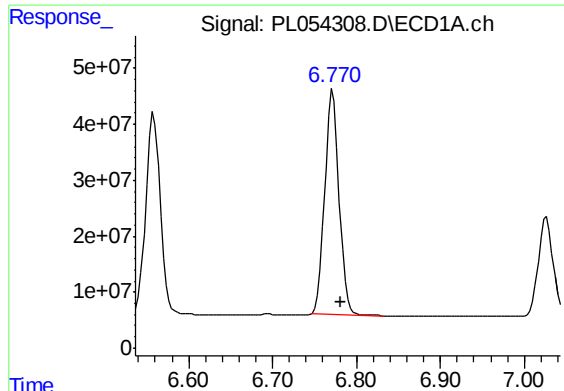
#18 Endrin aldehyde

R.T.: 6.558 min  
Delta R.T.: -0.009 min  
Response: 431905232  
Conc: 47.10 ng/ml



#18 Endrin aldehyde

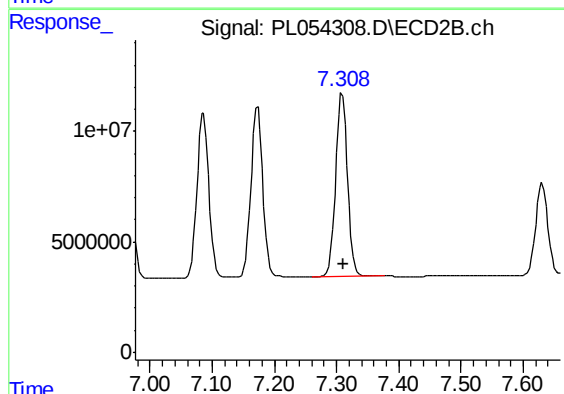
R.T.: 7.086 min  
Delta R.T.: -0.003 min  
Response: 99379824  
Conc: 45.24 ng/ml



#19 Endosulfan Sulfate

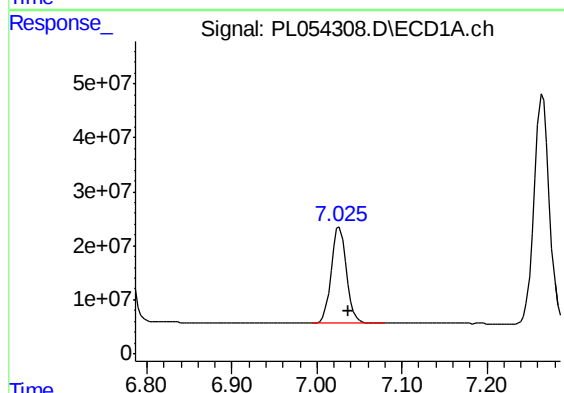
R.T.: 6.772 min  
Delta R.T.: -0.010 min  
Response: 480590969  
Conc: 47.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



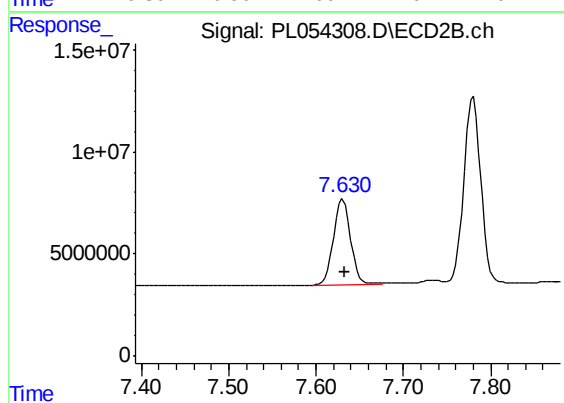
#19 Endosulfan Sulfate

R.T.: 7.309 min  
Delta R.T.: -0.003 min  
Response: 111185223  
Conc: 45.31 ng/ml



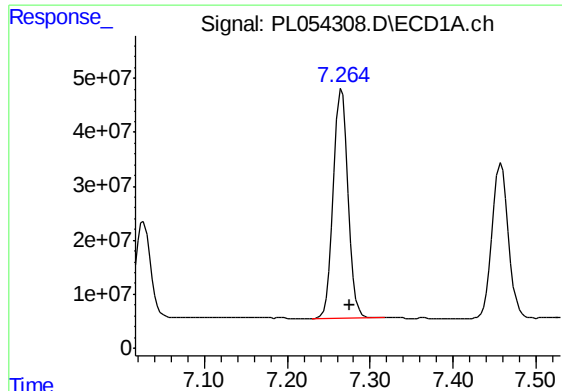
#20 Methoxychlor

R.T.: 7.027 min  
Delta R.T.: -0.010 min  
Response: 222352540  
Conc: 45.10 ng/ml



#20 Methoxychlor

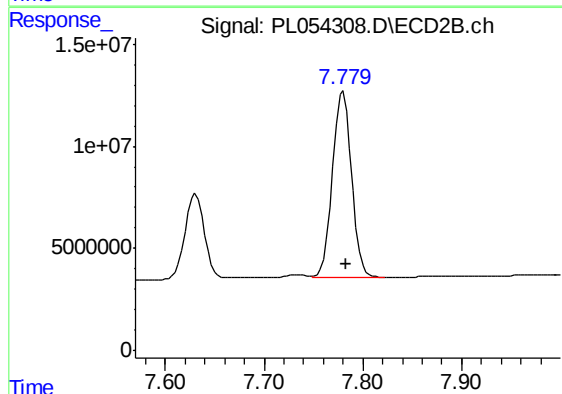
R.T.: 7.631 min  
Delta R.T.: -0.002 min  
Response: 57022177  
Conc: 43.90 ng/ml



#21 Endrin ketone

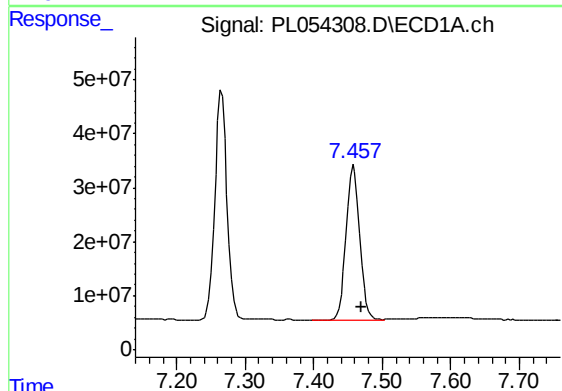
R.T.: 7.266 min  
Delta R.T.: -0.010 min  
Response: 526796395  
Conc: 48.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



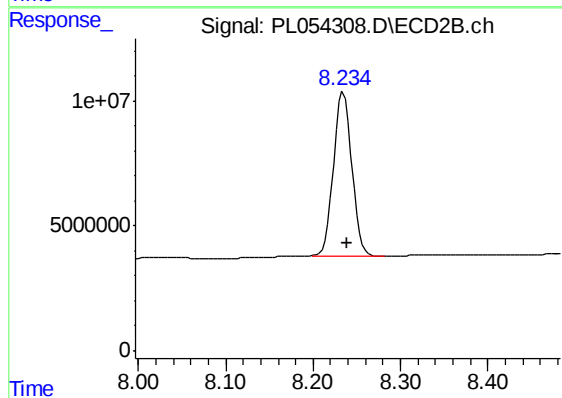
#21 Endrin ketone

R.T.: 7.780 min  
Delta R.T.: -0.003 min  
Response: 122651100  
Conc: 47.57 ng/ml



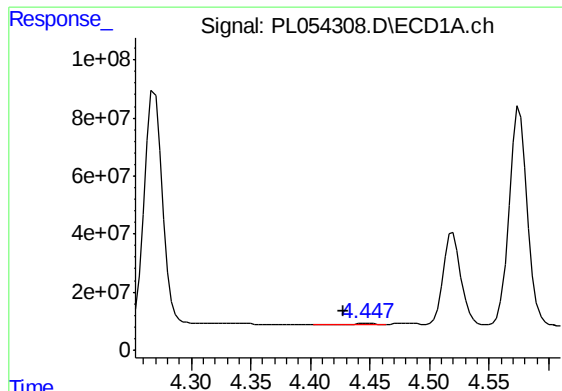
#22 Mirex

R.T.: 7.458 min  
Delta R.T.: -0.011 min  
Response: 392488590  
Conc: 45.89 ng/ml



#22 Mirex

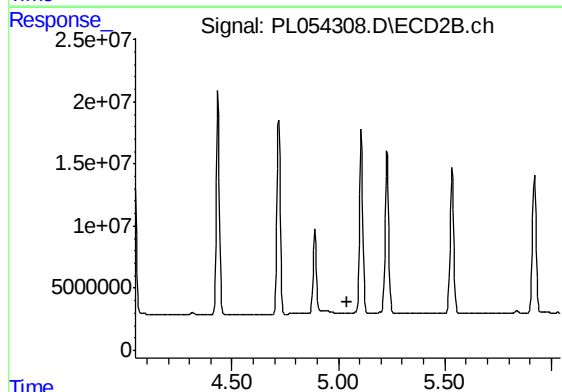
R.T.: 8.235 min  
Delta R.T.: -0.004 min  
Response: 95201002  
Conc: 47.06 ng/ml



#23 Chlordane-1

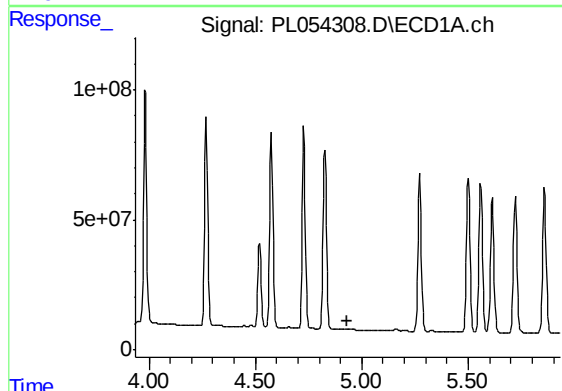
R.T.: 4.447 min  
Delta R.T.: 0.019 min  
Response: 4839672  
Conc: 13.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



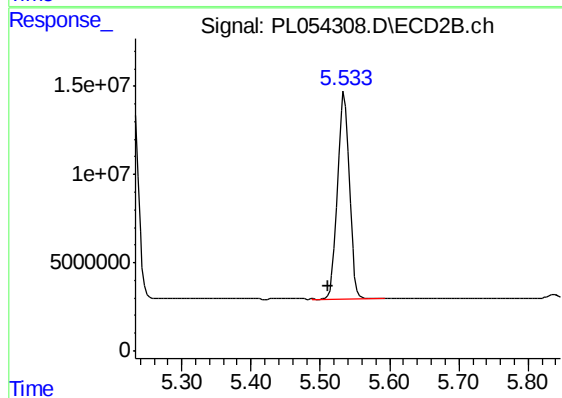
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.043 min  
Response: 0  
Conc: N.D.



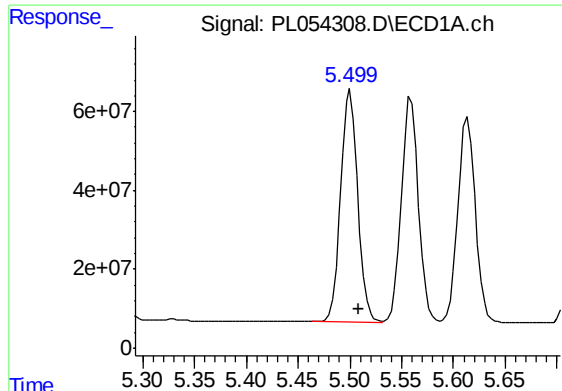
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.934 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

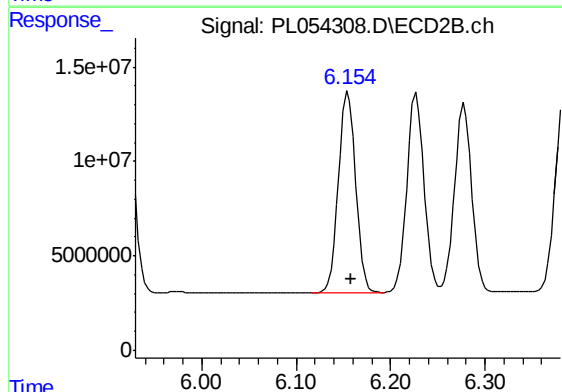
R.T.: 5.535 min  
Delta R.T.: 0.024 min  
Response: 140537245  
Conc: 1430.82 ng/ml



#25 Chlordane-3

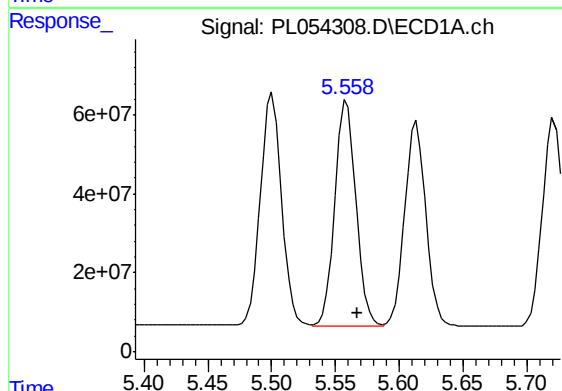
R.T.: 5.501 min  
Delta R.T.: -0.008 min  
Response: 679201867  
Conc: 589.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



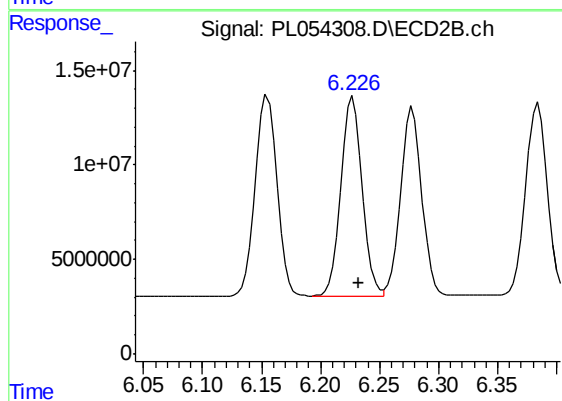
#25 Chlordane-3

R.T.: 6.155 min  
Delta R.T.: -0.003 min  
Response: 134240287  
Conc: 367.55 ng/ml



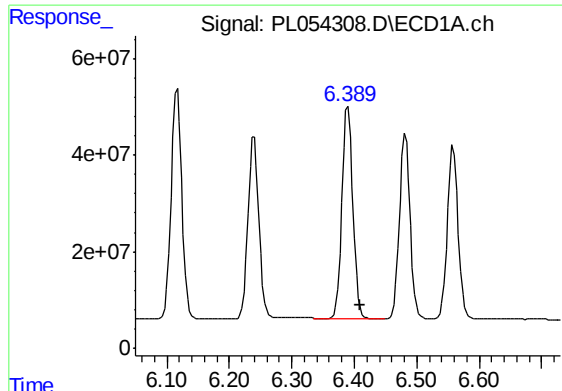
#26 Chlordane-4

R.T.: 5.559 min  
Delta R.T.: -0.009 min  
Response: 656516049  
Conc: 700.32 ng/ml



#26 Chlordane-4

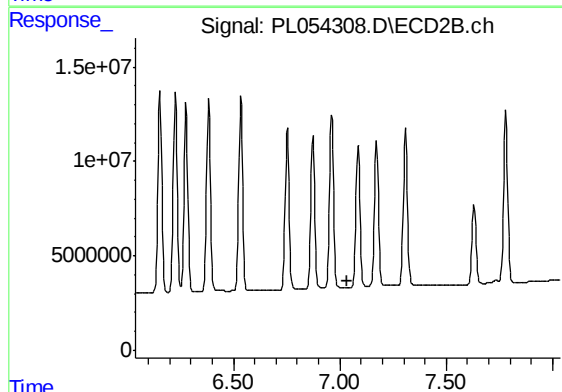
R.T.: 6.228 min  
Delta R.T.: -0.005 min  
Response: 133760549  
Conc: 297.95 ng/ml



#27 Chlordane-5

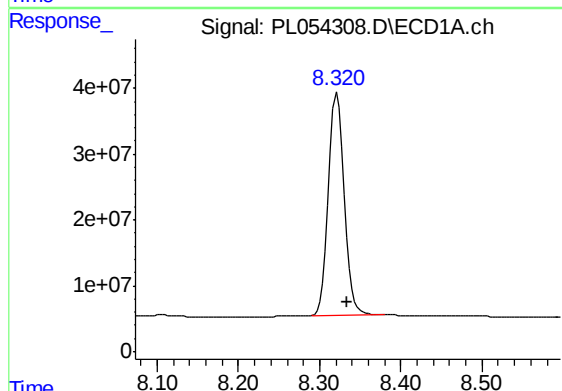
R.T.: 6.390 min  
Delta R.T.: -0.019 min  
Response: 534880244  
Conc: 1463.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



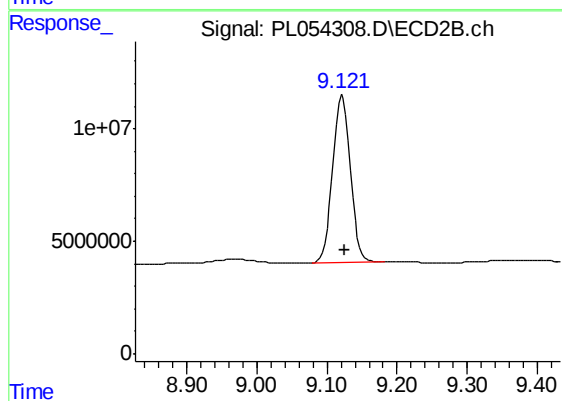
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.321 min  
Delta R.T.: -0.013 min  
Response: 455649611  
Conc: 46.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.122 min  
Delta R.T.: -0.004 min  
Response: 130850121  
Conc: 46.47 ng/ml