

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102418\  
 Data File : PL0CCC1.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2018 21:04  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 100 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 25 04:39:00 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 11 03:28:36 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|---------|----------|----------|------------|
| -----                       |                 |       |       |         |          |          |            |
| System Monitoring Compounds |                 |       |       |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.475 | 4.104 | 279.5E6 | 143.5E6  | 50.996   | 51.451     |
| 28)                         | SA Decachlor... | 8.220 | 9.233 | 239.0E6 | 105.8E6  | 45.960   | 40.902     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.917 | 4.499 | 433.6E6 | 211.8E6  | 54.720   | 54.748     |
| 3)                          | MA gamma-BHC... | 4.200 | 4.787 | 396.2E6 | 196.3E6  | 54.265   | 55.122     |
| 4)                          | MA Heptachlor   | 4.497 | 5.303 | 400.7E6 | 188.6E6  | 54.379   | 55.716     |
| 5)                          | MB Aldrin       | 4.743 | 5.612 | 361.8E6 | 175.5E6  | 52.714   | 58.143     |
| 6)                          | B beta-BHC      | 4.452 | 4.955 | 163.9E6 | 80375256 | 51.668   | 50.150     |
| 7)                          | B delta-BHC     | 4.655 | 5.176 | 368.9E6 | 188.3E6  | 55.352   | 57.359     |
| 8)                          | B Heptachlo...  | 5.187 | 6.000 | 345.9E6 | 158.8E6  | 52.737   | 55.363     |
| 9)                          | A Endosulfan I  | 5.525 | 6.360 | 314.4E6 | 141.1E6  | 52.475   | 55.079     |
| 10)                         | B gamma-Chl...  | 5.412 | 6.234 | 310.9E6 | 154.5E6  | 47.270   | 55.076     |
| 11)                         | B alpha-Chl...  | 5.471 | 6.308 | 340.4E6 | 150.6E6  | 52.320   | 54.275     |
| 12)                         | B 4,4'-DDE      | 5.637 | 6.462 | 303.6E6 | 145.0E6  | 53.412   | 54.822     |
| 13)                         | MA Dieldrin     | 5.768 | 6.618 | 339.5E6 | 142.6E6  | 53.700   | 53.549     |
| 14)                         | MA Endrin       | 6.025 | 6.838 | 296.5E6 | 118.3E6  | 51.614   | 52.977     |
| 15)                         | B Endosulfa...  | 6.299 | 7.046 | 291.3E6 | 119.7E6  | 51.973   | 50.411     |
| 16)                         | A 4,4'-DDD      | 6.153 | 6.954 | 237.6E6 | 107.5E6  | 52.596   | 51.342     |
| 17)                         | MA 4,4'-DDT     | 6.391 | 7.255 | 233.6E6 | 109.7E6  | 51.283   | 52.715     |
| 18)                         | B Endrin al...  | 6.467 | 7.170 | 191.3E6 | 100.2E6  | 45.615   | 50.485     |
| 19)                         | B Endosulfa...  | 6.680 | 7.393 | 259.7E6 | 110.0E6  | 51.043   | 49.229     |
| 20)                         | A Methoxychlor  | 6.939 | 7.710 | 111.6E6 | 56517058 | 42.886   | 48.012     |
| 21)                         | B Endrin ke...  | 7.170 | 7.868 | 275.0E6 | 115.3E6  | 52.533   | 49.018     |
| 23)                         | Chlordane-1     | 4.373 | 5.176 | 2591737 | 188.3E6  | 10.155   | 1524.350 # |
| 24)                         | Chlordane-2     | 0.000 | 5.612 | 0       | 175.5E6  | N.D.     | 1418.959 # |
| 25)                         | Chlordane-3     | 5.412 | 6.234 | 310.9E6 | 154.5E6  | 406.162  | 383.175    |
| 26)                         | Chlordane-4     | 5.471 | 6.308 | 340.4E6 | 150.6E6  | 507.686  | 317.386 #  |
| 27)                         | Chlordane-5     | 6.299 | 7.170 | 291.3E6 | 100.2E6  | 1344.184 | 1132.105   |
| -----                       |                 |       |       |         |          |          |            |

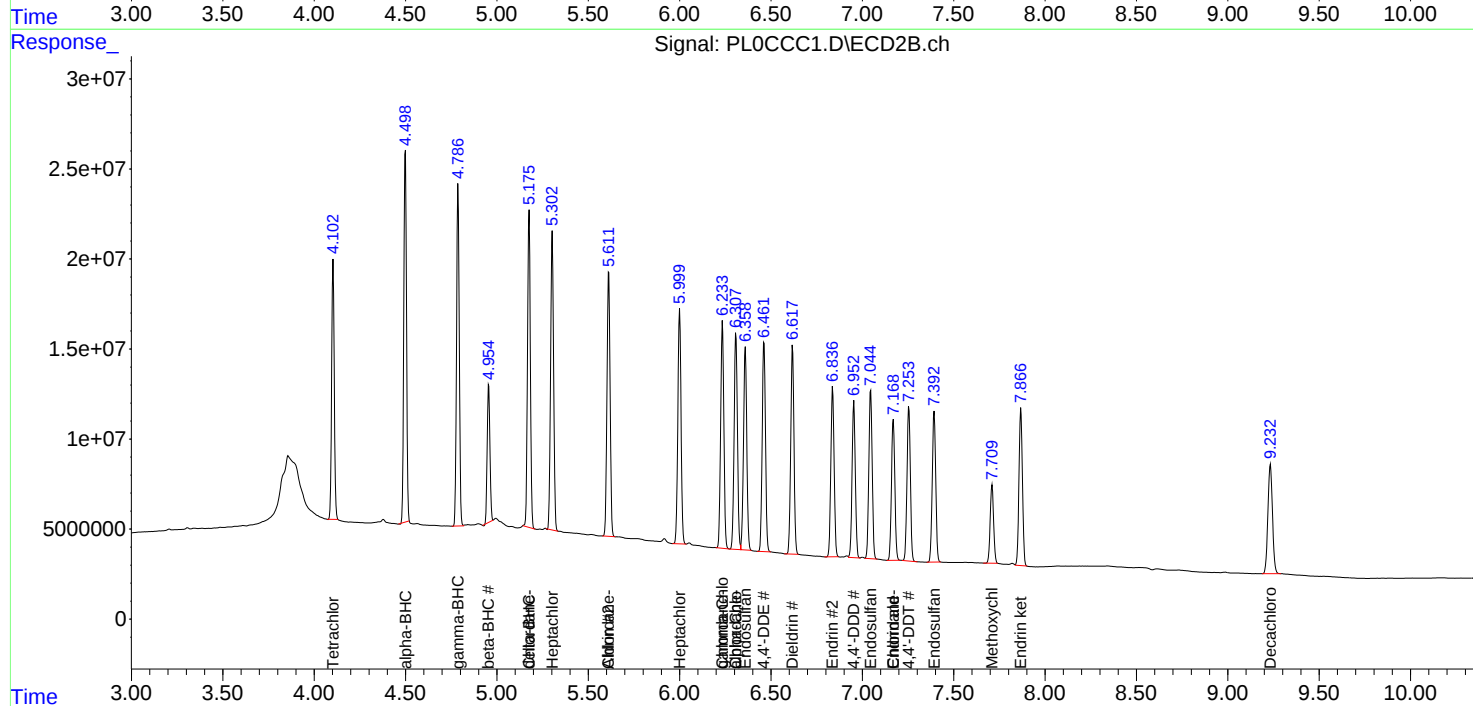
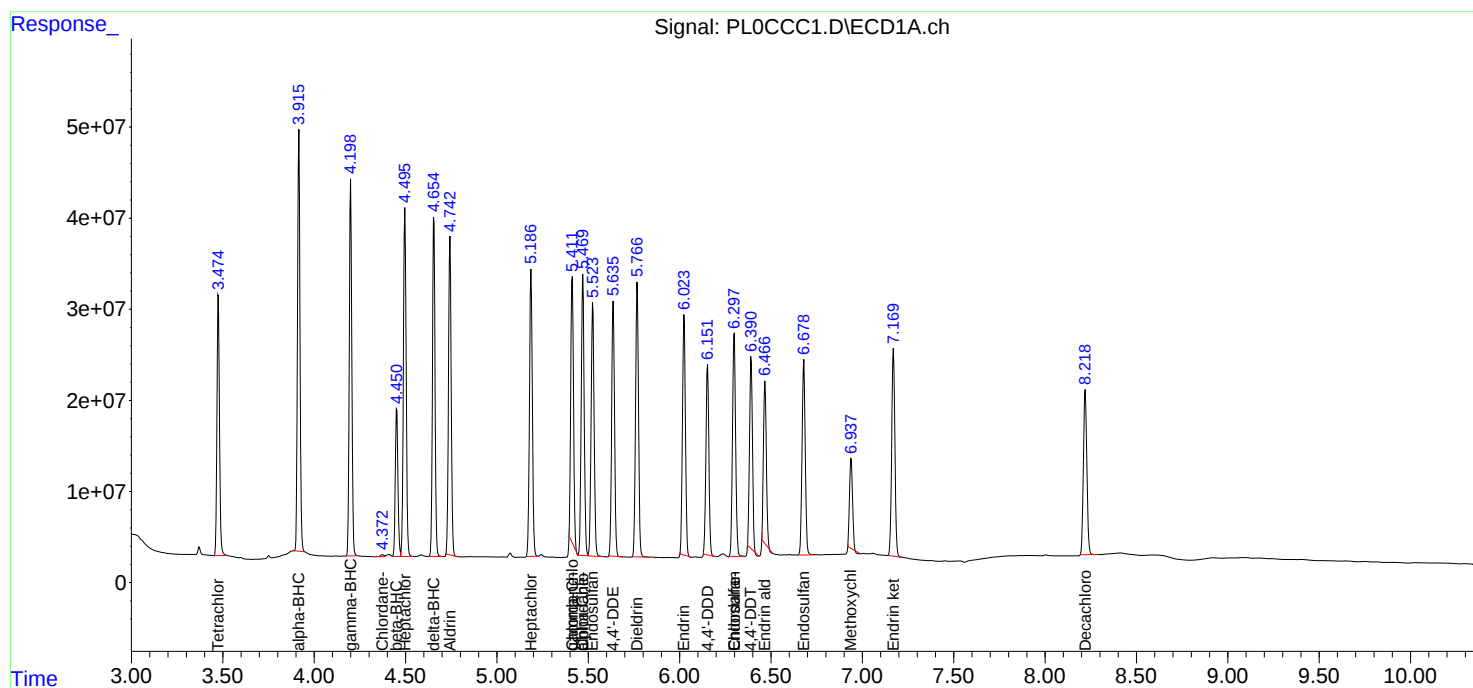
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

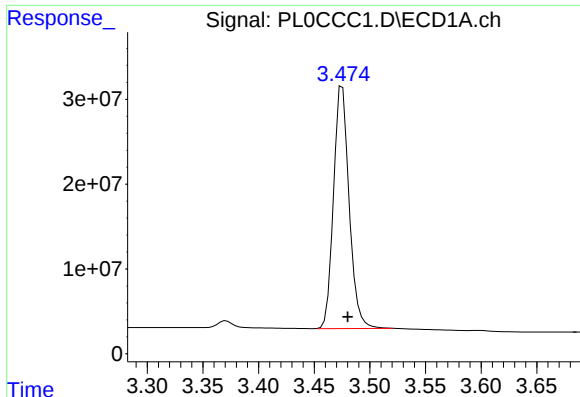
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102418\  
Data File : PL0CCC1.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2018 21:04  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 100 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 25 04:39:00 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 11 03:28:36 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

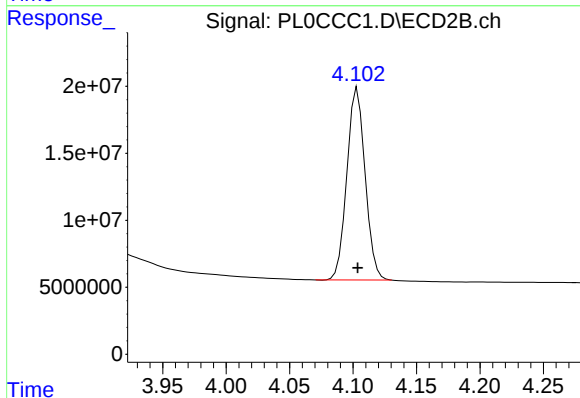




#1 Tetrachloro-m-xylene

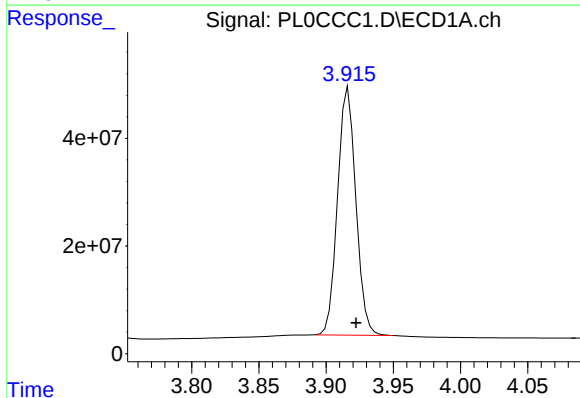
R.T.: 3.475 min  
Delta R.T.: -0.005 min  
Response: 279498069  
Conc: 51.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



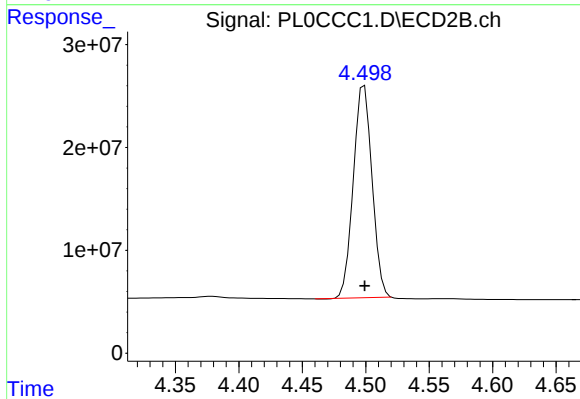
#1 Tetrachloro-m-xylene

R.T.: 4.104 min  
Delta R.T.: 0.000 min  
Response: 143460637  
Conc: 51.45 ng/ml



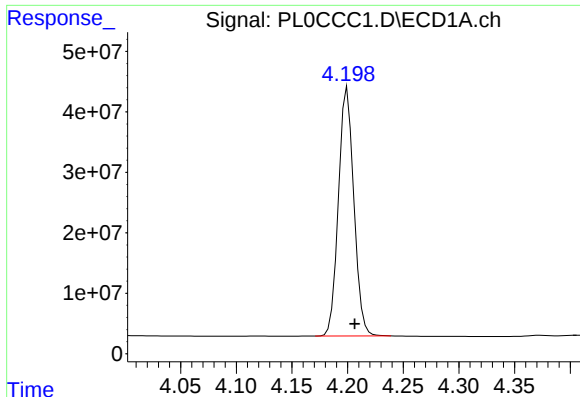
#2 alpha-BHC

R.T.: 3.917 min  
Delta R.T.: -0.006 min  
Response: 433577038  
Conc: 54.72 ng/ml



#2 alpha-BHC

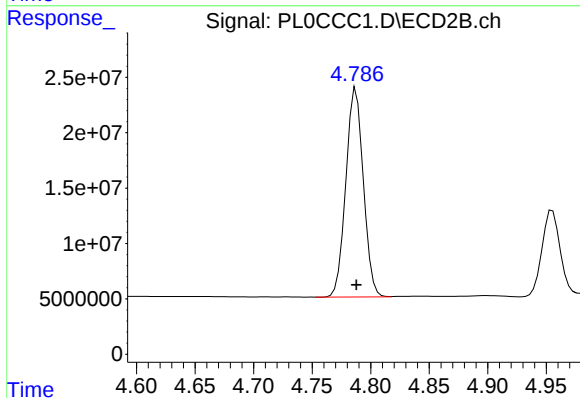
R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 211833523  
Conc: 54.75 ng/ml



#3 gamma-BHC (Lindane)

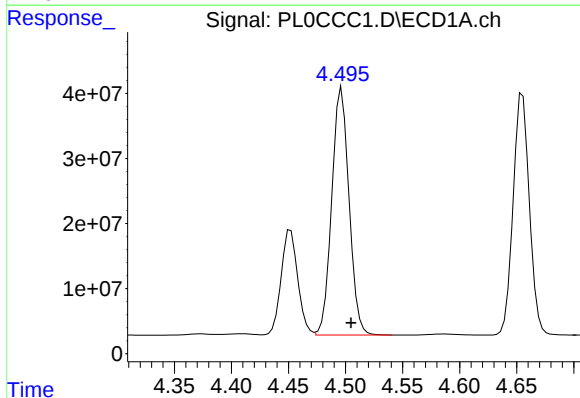
R.T.: 4.200 min  
Delta R.T.: -0.006 min  
Response: 396241159  
Conc: 54.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



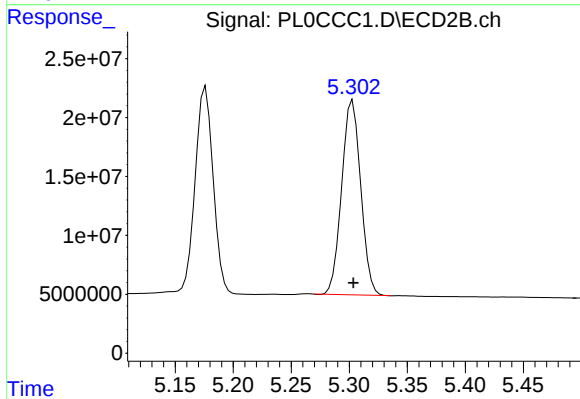
#3 gamma-BHC (Lindane)

R.T.: 4.787 min  
Delta R.T.: 0.000 min  
Response: 196278140  
Conc: 55.12 ng/ml



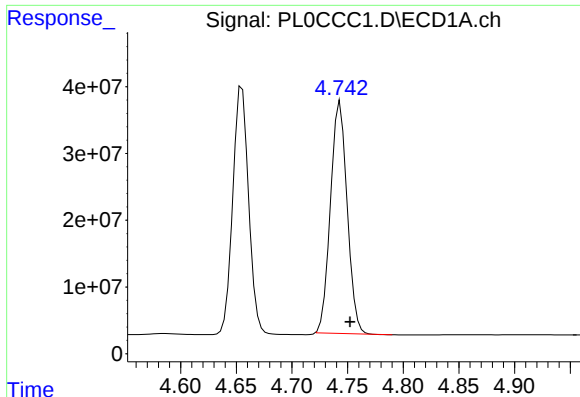
#4 Heptachlor

R.T.: 4.497 min  
Delta R.T.: -0.008 min  
Response: 400721637  
Conc: 54.38 ng/ml



#4 Heptachlor

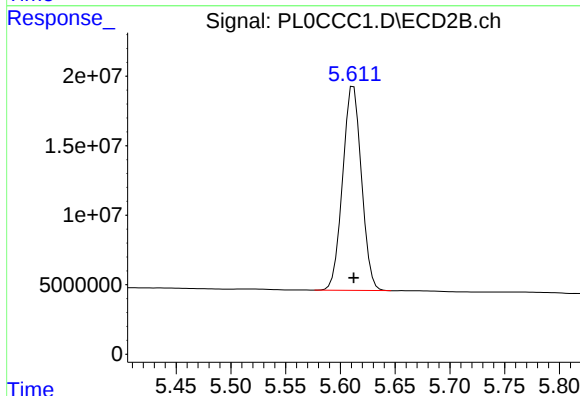
R.T.: 5.303 min  
Delta R.T.: 0.000 min  
Response: 188579818  
Conc: 55.72 ng/ml



#5 Aldrin

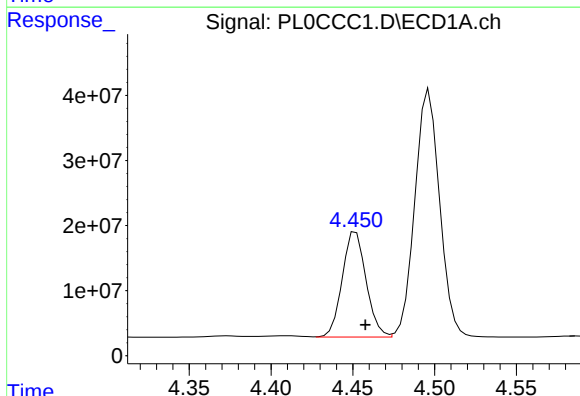
R.T.: 4.743 min  
Delta R.T.: -0.009 min  
Response: 361847565  
Conc: 52.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



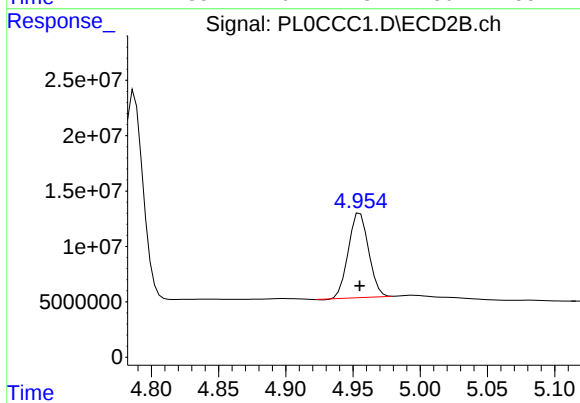
#5 Aldrin

R.T.: 5.612 min  
Delta R.T.: 0.000 min  
Response: 175483016  
Conc: 58.14 ng/ml



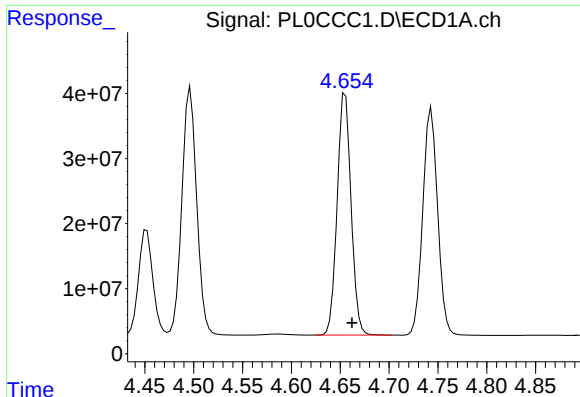
#6 beta-BHC

R.T.: 4.452 min  
Delta R.T.: -0.006 min  
Response: 163941997  
Conc: 51.67 ng/ml



#6 beta-BHC

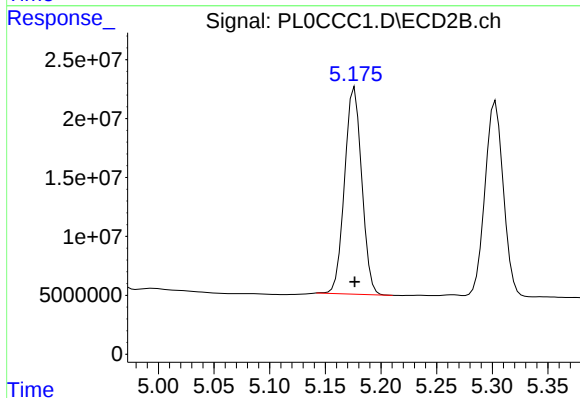
R.T.: 4.955 min  
Delta R.T.: 0.000 min  
Response: 80375256  
Conc: 50.15 ng/ml



#7 delta-BHC

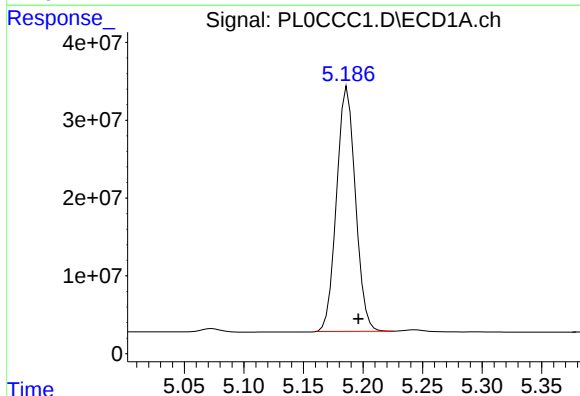
R.T.: 4.655 min  
Delta R.T.: -0.007 min  
Response: 368857084  
Conc: 55.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



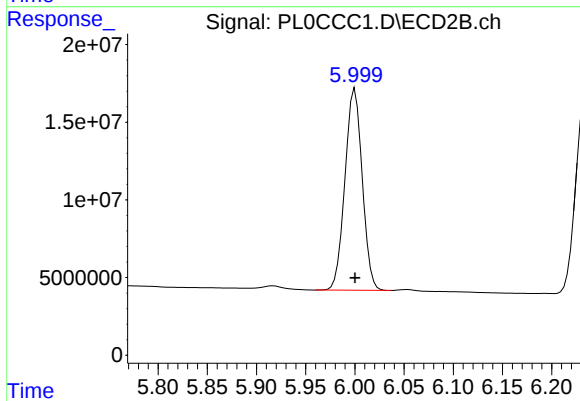
#7 delta-BHC

R.T.: 5.176 min  
Delta R.T.: 0.000 min  
Response: 188279034  
Conc: 57.36 ng/ml



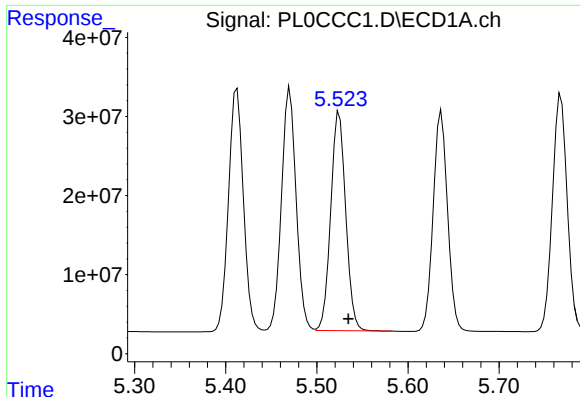
#8 Heptachlor epoxide

R.T.: 5.187 min  
Delta R.T.: -0.009 min  
Response: 345886456  
Conc: 52.74 ng/ml



#8 Heptachlor epoxide

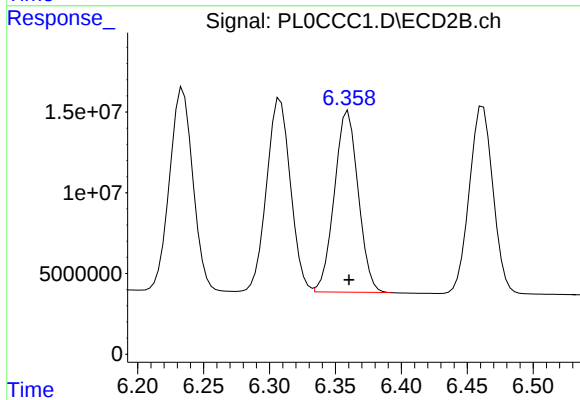
R.T.: 6.000 min  
Delta R.T.: 0.000 min  
Response: 158788732  
Conc: 55.36 ng/ml



#9 Endosulfan I

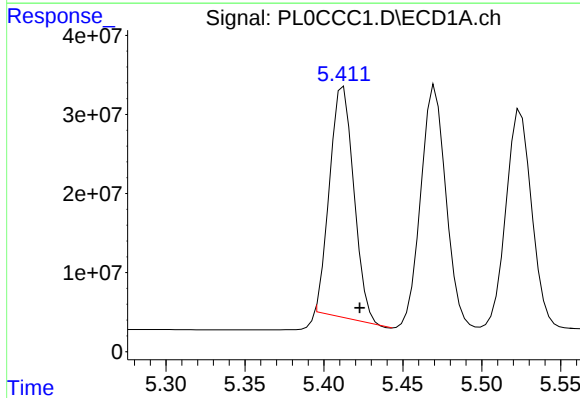
R.T.: 5.525 min  
Delta R.T.: -0.010 min  
Response: 314377239  
Conc: 52.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



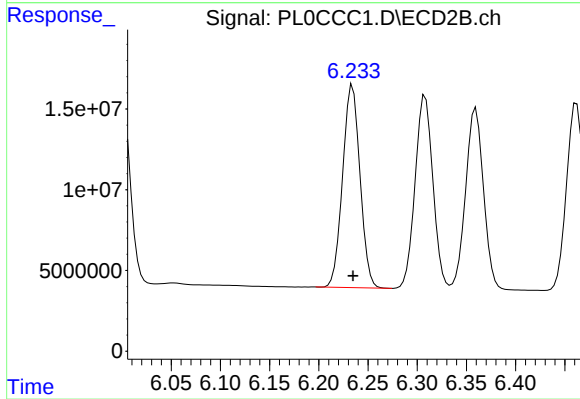
#9 Endosulfan I

R.T.: 6.360 min  
Delta R.T.: 0.000 min  
Response: 141069270  
Conc: 55.08 ng/ml



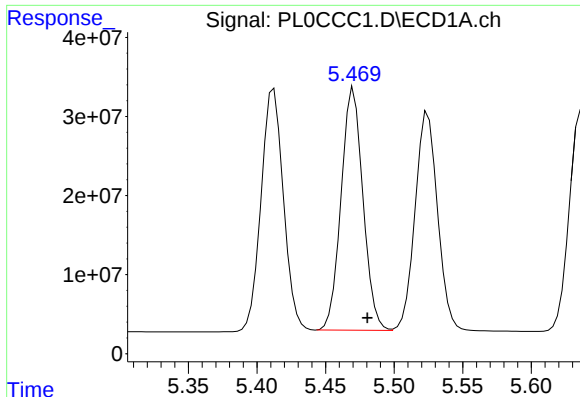
#10 gamma-Chlordane

R.T.: 5.412 min  
Delta R.T.: -0.010 min  
Response: 310861598  
Conc: 47.27 ng/ml



#10 gamma-Chlordane

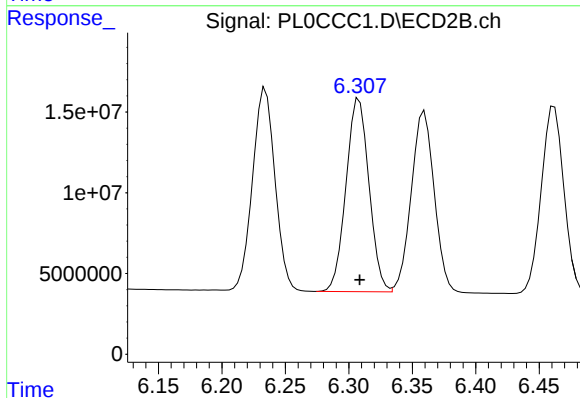
R.T.: 6.234 min  
Delta R.T.: 0.000 min  
Response: 154469833  
Conc: 55.08 ng/ml



#11 alpha-Chlordane

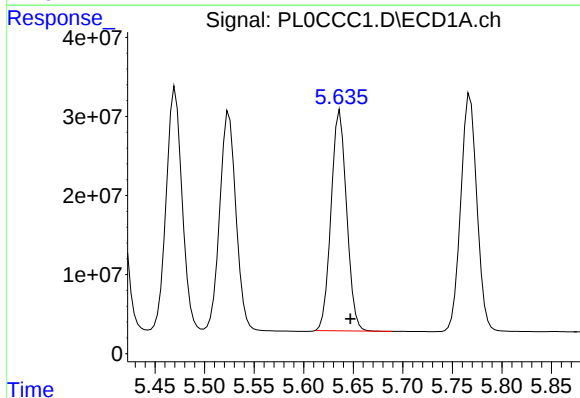
R.T.: 5.471 min  
Delta R.T.: -0.010 min  
Response: 340393970  
Conc: 52.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



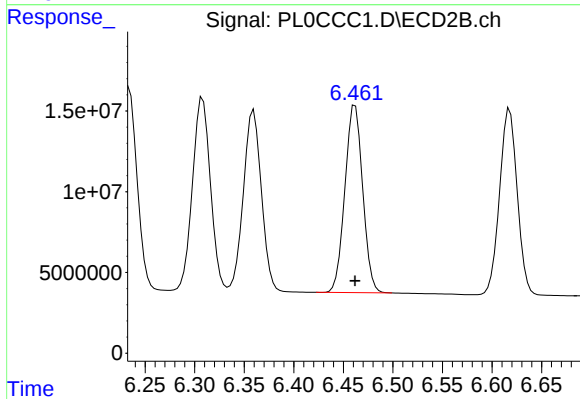
#11 alpha-Chlordane

R.T.: 6.308 min  
Delta R.T.: 0.000 min  
Response: 150644958  
Conc: 54.27 ng/ml



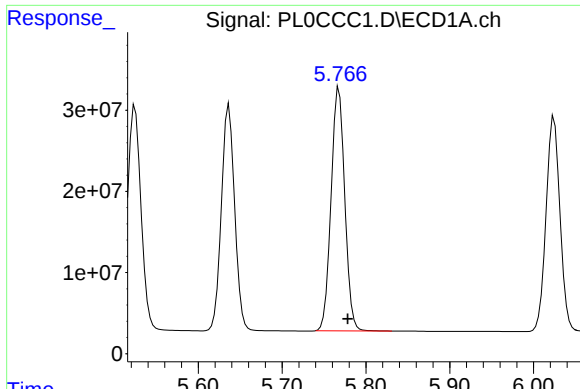
#12 4,4'-DDE

R.T.: 5.637 min  
Delta R.T.: -0.010 min  
Response: 303587898  
Conc: 53.41 ng/ml



#12 4,4'-DDE

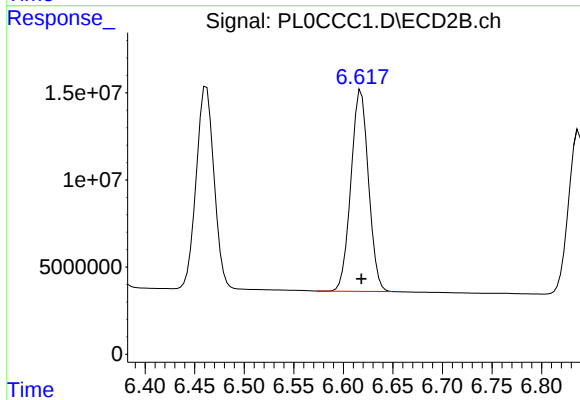
R.T.: 6.462 min  
Delta R.T.: 0.000 min  
Response: 145021613  
Conc: 54.82 ng/ml



#13 Dieldrin

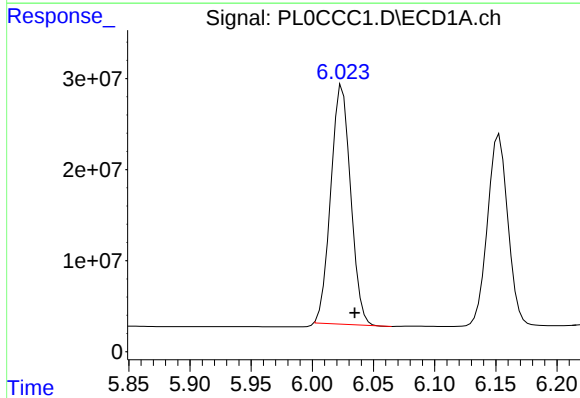
R.T.: 5.768 min  
Delta R.T.: -0.010 min  
Response: 339511532  
Conc: 53.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



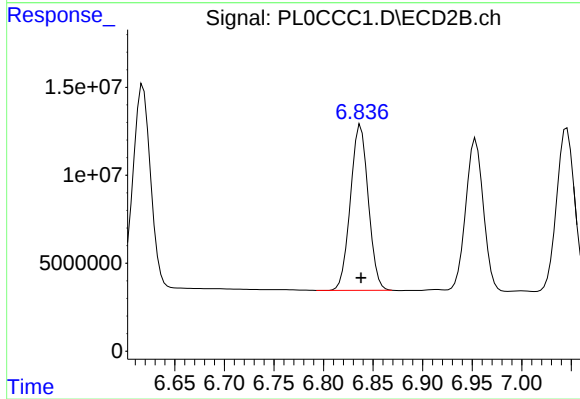
#13 Dieldrin

R.T.: 6.618 min  
Delta R.T.: 0.000 min  
Response: 142569787  
Conc: 53.55 ng/ml



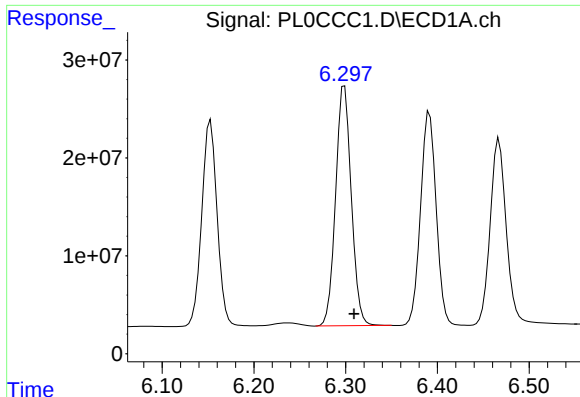
#14 Endrin

R.T.: 6.025 min  
Delta R.T.: -0.010 min  
Response: 296473009  
Conc: 51.61 ng/ml



#14 Endrin

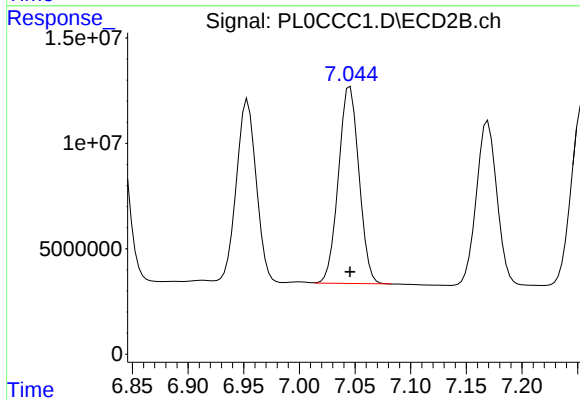
R.T.: 6.838 min  
Delta R.T.: 0.000 min  
Response: 118252290  
Conc: 52.98 ng/ml



#15 Endosulfan II

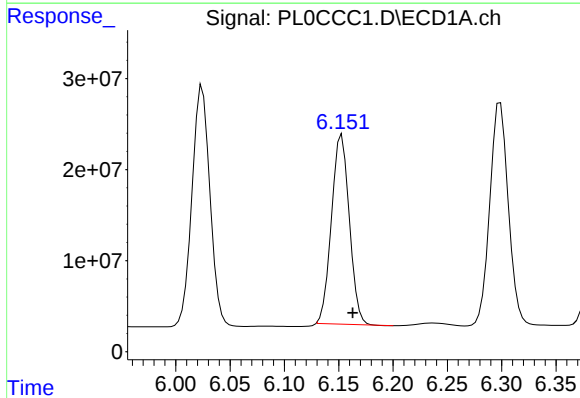
R.T.: 6.299 min  
Delta R.T.: -0.010 min  
Response: 291305769  
Conc: 51.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



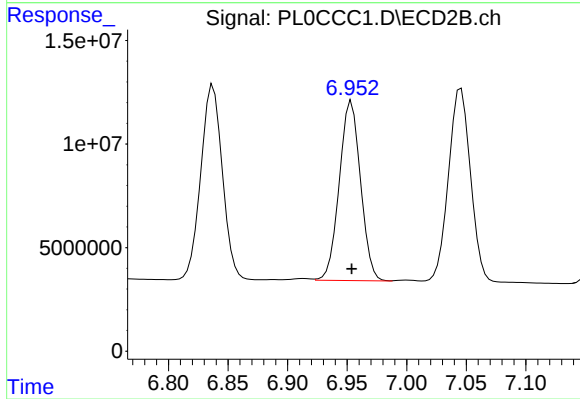
#15 Endosulfan II

R.T.: 7.046 min  
Delta R.T.: 0.000 min  
Response: 119727931  
Conc: 50.41 ng/ml



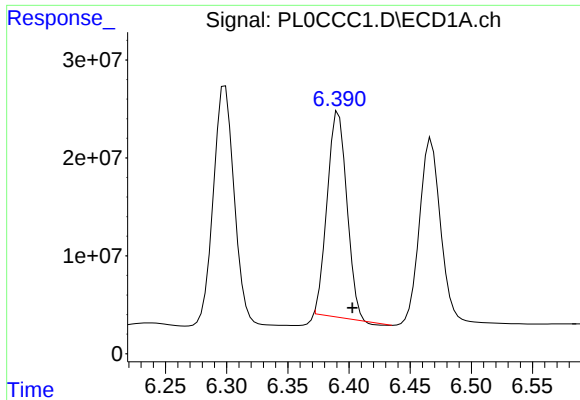
#16 4,4'-DDD

R.T.: 6.153 min  
Delta R.T.: -0.010 min  
Response: 237571416  
Conc: 52.60 ng/ml



#16 4,4'-DDD

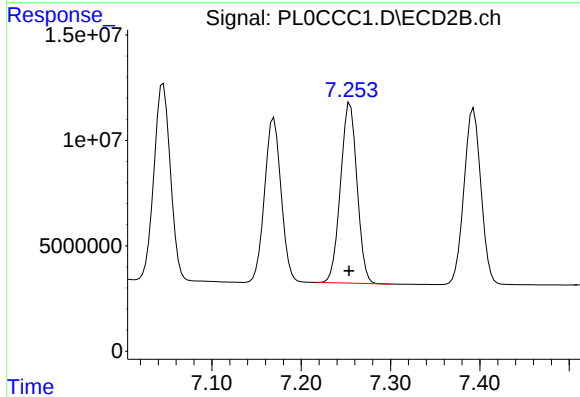
R.T.: 6.954 min  
Delta R.T.: 0.000 min  
Response: 107548050  
Conc: 51.34 ng/ml



#17 4,4'-DDT

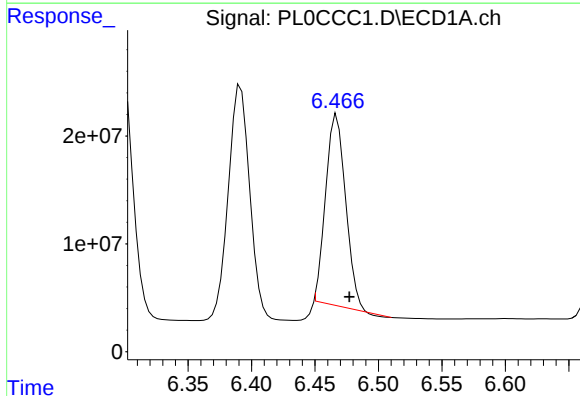
R.T.: 6.391 min  
Delta R.T.: -0.011 min  
Response: 233573585  
Conc: 51.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



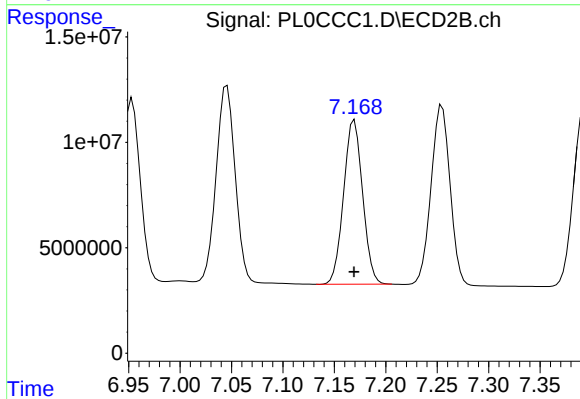
#17 4,4'-DDT

R.T.: 7.255 min  
Delta R.T.: 0.001 min  
Response: 109652649  
Conc: 52.71 ng/ml



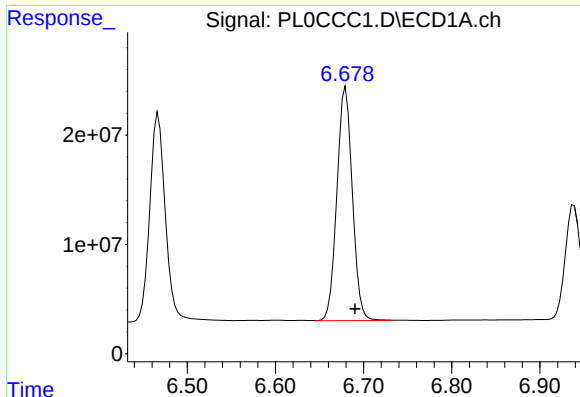
#18 Endrin aldehyde

R.T.: 6.467 min  
Delta R.T.: -0.010 min  
Response: 191253613  
Conc: 45.61 ng/ml



#18 Endrin aldehyde

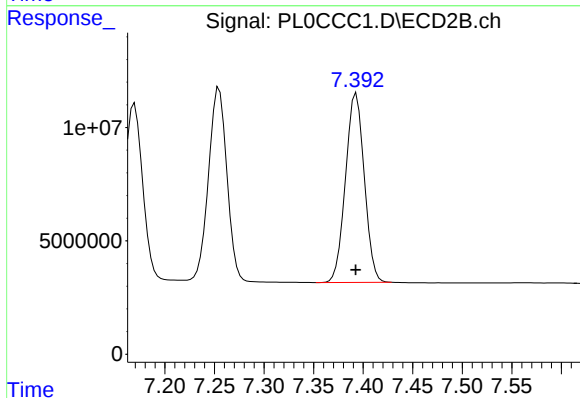
R.T.: 7.170 min  
Delta R.T.: 0.000 min  
Response: 100168599  
Conc: 50.49 ng/ml



#19 Endosulfan Sulfate

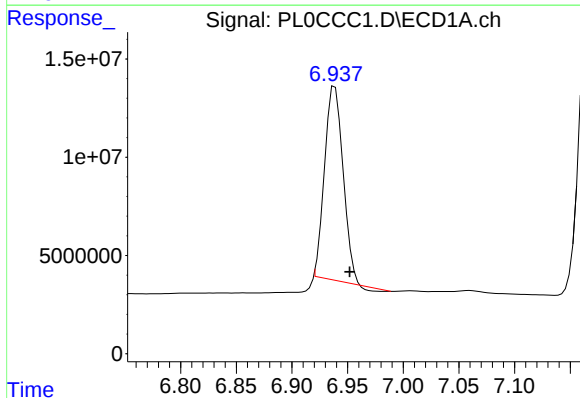
R.T.: 6.680 min  
Delta R.T.: -0.011 min  
Response: 259698410  
Conc: 51.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



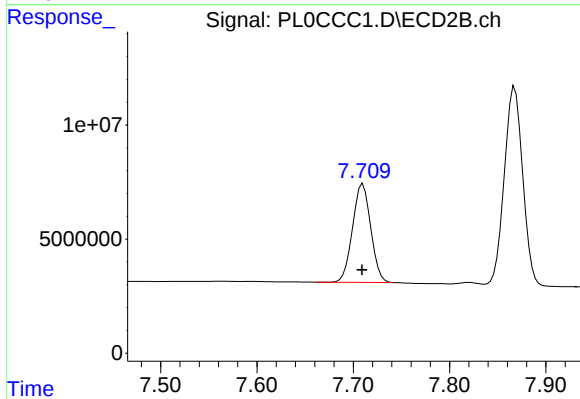
#19 Endosulfan Sulfate

R.T.: 7.393 min  
Delta R.T.: 0.000 min  
Response: 109997790  
Conc: 49.23 ng/ml



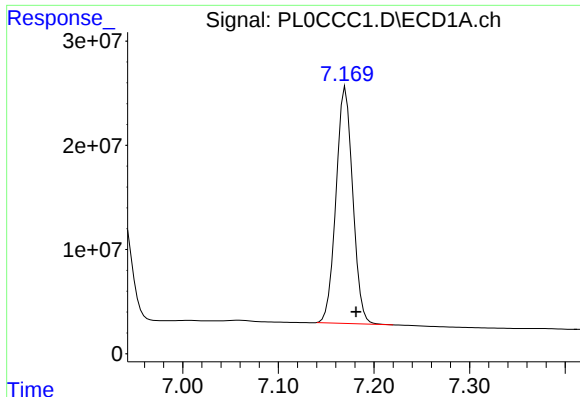
#20 Methoxychlor

R.T.: 6.939 min  
Delta R.T.: -0.014 min  
Response: 111556150  
Conc: 42.89 ng/ml



#20 Methoxychlor

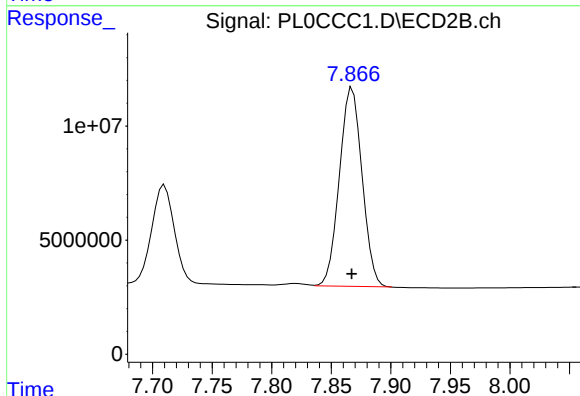
R.T.: 7.710 min  
Delta R.T.: 0.000 min  
Response: 56517058  
Conc: 48.01 ng/ml



#21 Endrin ketone

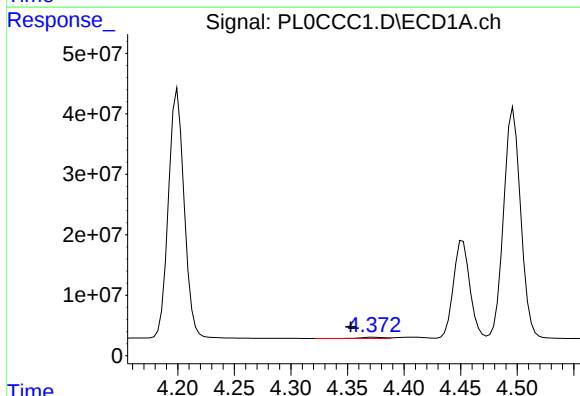
R.T.: 7.170 min  
Delta R.T.: -0.011 min  
Response: 274999783  
Conc: 52.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



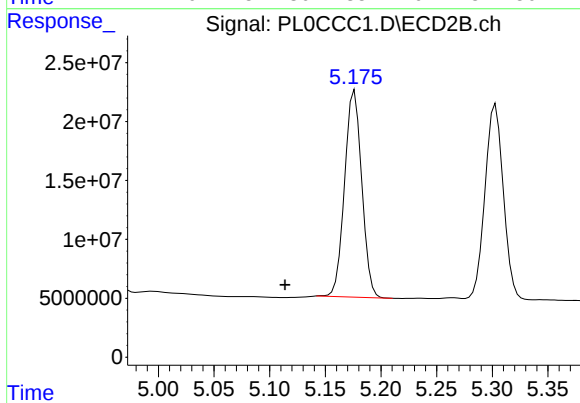
#21 Endrin ketone

R.T.: 7.868 min  
Delta R.T.: 0.000 min  
Response: 115268343  
Conc: 49.02 ng/ml



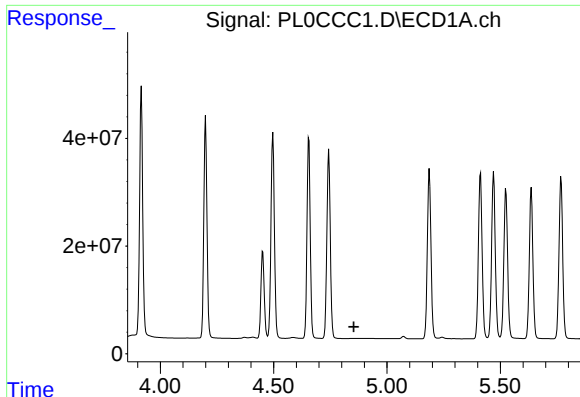
#23 Chlordane-1

R.T.: 4.373 min  
Delta R.T.: 0.020 min  
Response: 2591737  
Conc: 10.16 ng/ml



#23 Chlordane-1

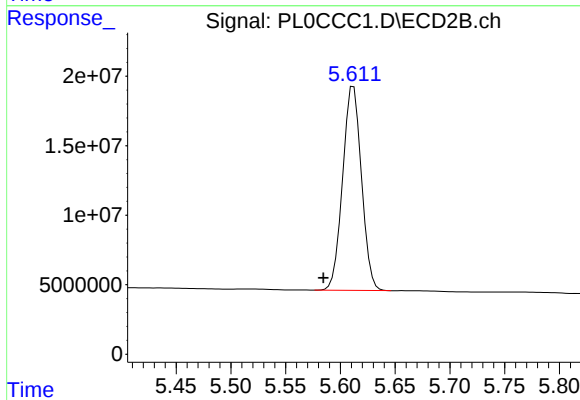
R.T.: 5.176 min  
Delta R.T.: 0.062 min  
Response: 188279034  
Conc: 1524.35 ng/ml



#24 Chlordane-2

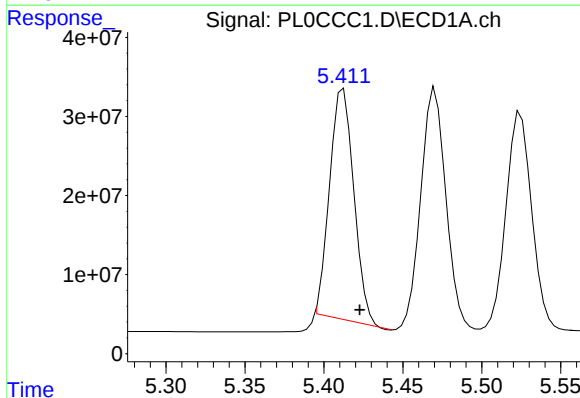
R.T.: 0.000 min  
Exp R.T.: 4.854 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



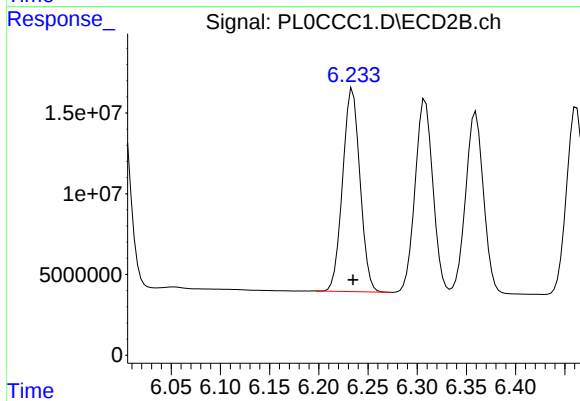
#24 Chlordane-2

R.T.: 5.612 min  
Delta R.T.: 0.028 min  
Response: 175483016  
Conc: 1418.96 ng/ml



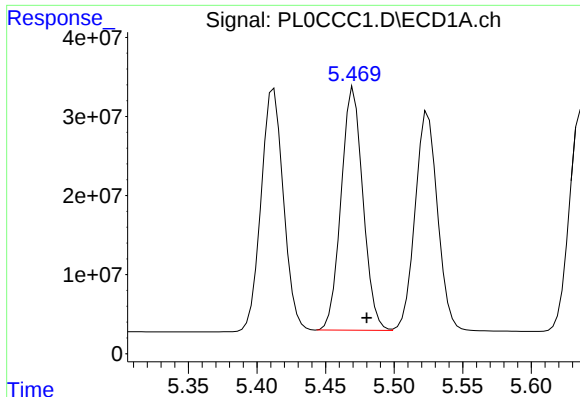
#25 Chlordane-3

R.T.: 5.412 min  
Delta R.T.: -0.010 min  
Response: 310861598  
Conc: 406.16 ng/ml



#25 Chlordane-3

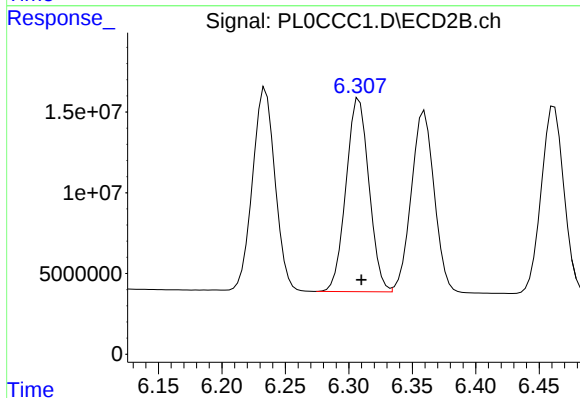
R.T.: 6.234 min  
Delta R.T.: 0.000 min  
Response: 154469833  
Conc: 383.17 ng/ml



#26 Chlordane-4

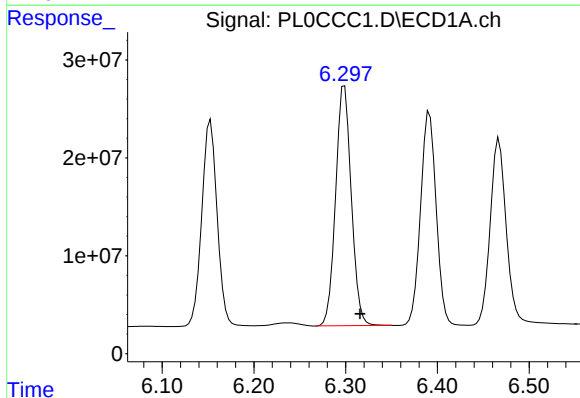
R.T.: 5.471 min  
Delta R.T.: -0.010 min  
Response: 340393970  
Conc: 507.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



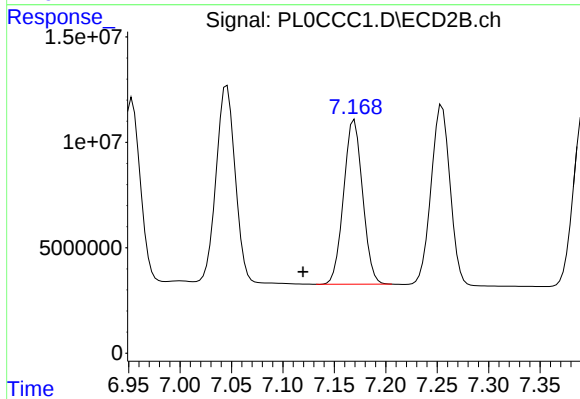
#26 Chlordane-4

R.T.: 6.308 min  
Delta R.T.: -0.002 min  
Response: 150644958  
Conc: 317.39 ng/ml



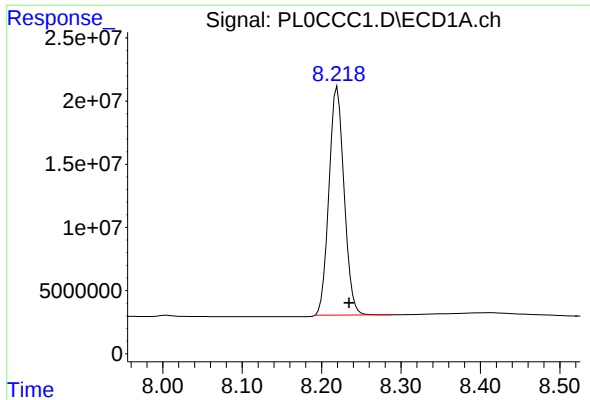
#27 Chlordane-5

R.T.: 6.299 min  
Delta R.T.: -0.017 min  
Response: 291305769  
Conc: 1344.18 ng/ml



#27 Chlordane-5

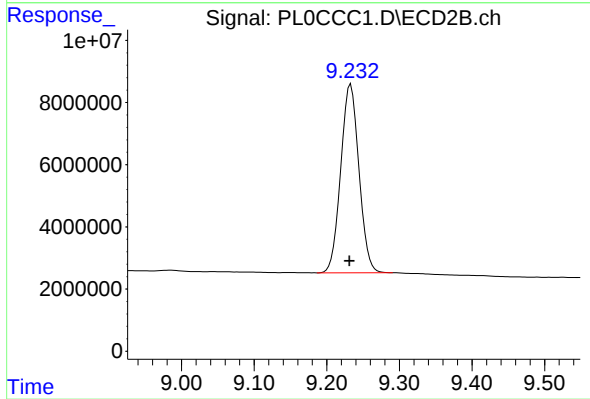
R.T.: 7.170 min  
Delta R.T.: 0.050 min  
Response: 100168599  
Conc: 1132.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.220 min  
Delta R.T.: -0.014 min  
Response: 238971962  
Conc: 45.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.233 min  
Delta R.T.: 0.002 min  
Response: 105765450  
Conc: 40.90 ng/ml