

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121118\  
 Data File : PL042991.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Dec 2018 02:17  
 Operator : AJ\SJ  
 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: Dec 12 03:57:26 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 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... | 3.465 | 4.101 | 322.8E6 | 157.9E6  | 52.641   | 53.289     |
| 28)                         | SA Decachlor... | 8.203 | 9.231 | 321.2E6 | 129.8E6  | 49.188   | 49.767     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.905 | 4.496 | 509.8E6 | 241.9E6  | 53.933   | 53.482     |
| 3)                          | MA gamma-BHC... | 4.188 | 4.784 | 467.9E6 | 221.9E6  | 54.186   | 52.910     |
| 4)                          | MA Heptachlor   | 4.484 | 5.300 | 489.8E6 | 218.4E6  | 55.207   | 53.315     |
| 5)                          | MB Aldrin       | 4.730 | 5.608 | 465.6E6 | 214.4E6  | 54.918   | 52.528     |
| 6)                          | B beta-BHC      | 4.442 | 4.954 | 192.8E6 | 90729571 | 52.265   | 53.593     |
| 7)                          | B delta-BHC     | 4.644 | 5.174 | 444.2E6 | 220.8E6  | 54.848   | 51.385     |
| 8)                          | B Heptachlor... | 5.173 | 5.997 | 424.7E6 | 204.0E6  | 53.582   | 53.788     |
| 9)                          | A Endosulfan I  | 5.511 | 6.357 | 392.4E6 | 176.4E6  | 53.565   | 51.956     |
| 10)                         | B gamma-Chl...  | 5.398 | 6.232 | 432.9E6 | 193.3E6  | 53.699   | 52.608     |
| 11)                         | B alpha-Chl...  | 5.456 | 6.305 | 419.6E6 | 186.6E6  | 52.849   | 51.882     |
| 12)                         | B 4,4'-DDE      | 5.622 | 6.460 | 391.6E6 | 185.5E6  | 56.561   | 51.194     |
| 13)                         | MA Dieldrin     | 5.753 | 6.615 | 425.9E6 | 188.2E6  | 54.782   | 51.910     |
| 14)                         | MA Endrin       | 6.009 | 6.835 | 364.6E6 | 141.7E6  | 50.639   | 45.402     |
| 15)                         | B Endosulfa...  | 6.284 | 7.044 | 352.2E6 | 156.0E6  | 52.942   | 51.525     |
| 16)                         | A 4,4'-DDD      | 6.138 | 6.952 | 321.1E6 | 149.8E6  | 56.620   | 51.075     |
| 17)                         | MA 4,4'-DDT     | 6.376 | 7.252 | 314.1E6 | 142.1E6  | 52.794   | 48.385     |
| 18)                         | B Endrin al...  | 6.452 | 7.168 | 288.3E6 | 135.2E6  | 52.312   | 53.912     |
| 19)                         | B Endosulfa...  | 6.665 | 7.391 | 353.1E6 | 156.1E6  | 52.711   | 51.909     |
| 20)                         | A Methoxychlor  | 6.922 | 7.708 | 171.7E6 | 72338972 | 51.161   | 47.960     |
| 21)                         | B Endrin ke...  | 7.155 | 7.866 | 392.3E6 | 155.2E6  | 54.257   | 50.777     |
| 23)                         | Chlordane-1     | 4.362 | 5.174 | 1754606 | 220.8E6  | 6.530    | 1562.471 # |
| 24)                         | Chlordane-2     | 0.000 | 5.608 | 0       | 214.4E6  | N.D.     | 1494.816 # |
| 25)                         | Chlordane-3     | 5.398 | 6.232 | 432.9E6 | 193.3E6  | 520.929  | 393.548    |
| 26)                         | Chlordane-4     | 5.456 | 6.305 | 419.6E6 | 186.6E6  | 554.924  | 326.921 #  |
| 27)                         | Chlordane-5     | 6.284 | 7.168 | 352.2E6 | 135.2E6  | 1468.293 | 1153.429   |
| -----                       |                 |       |       |         |          |          |            |

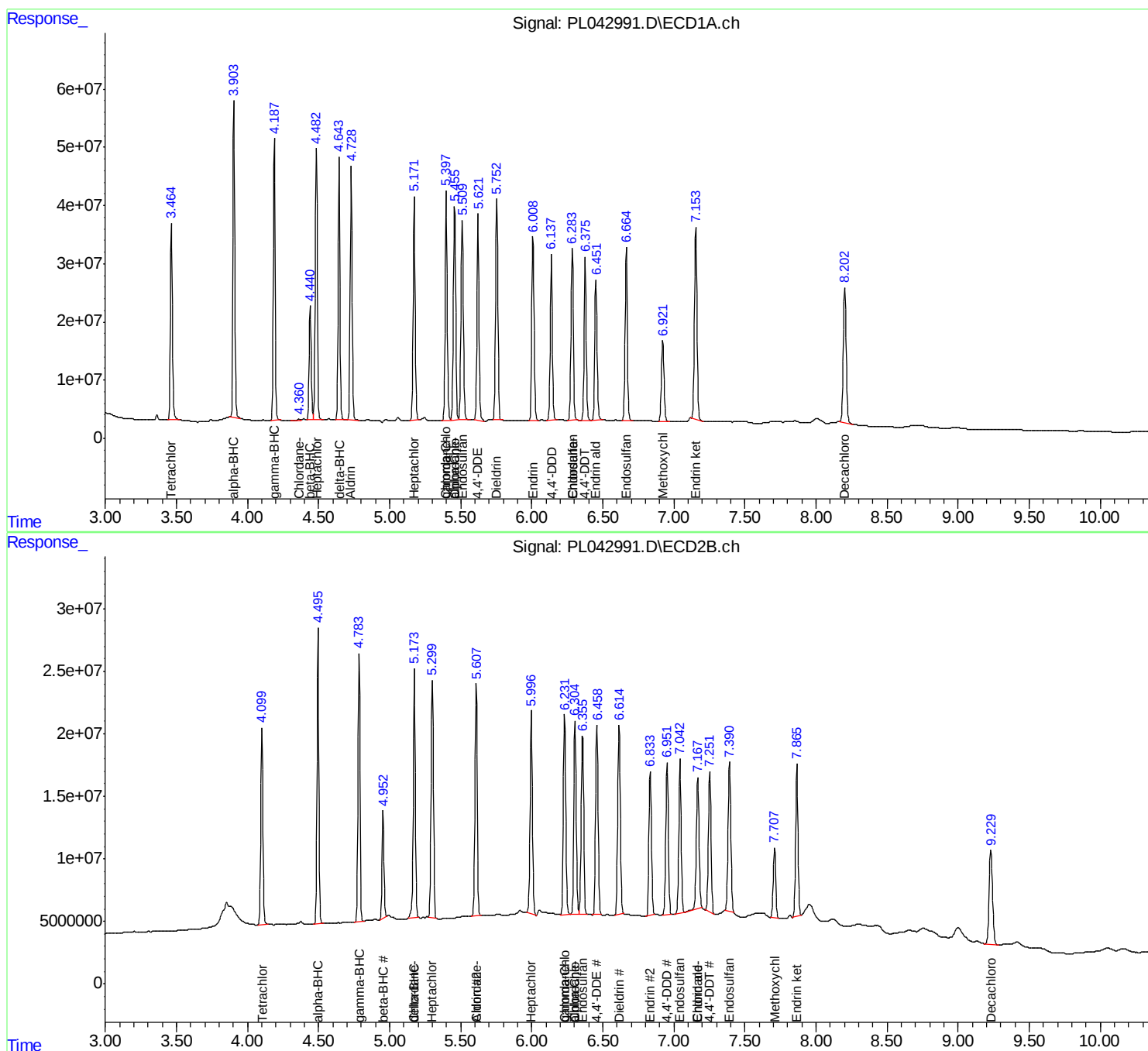
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

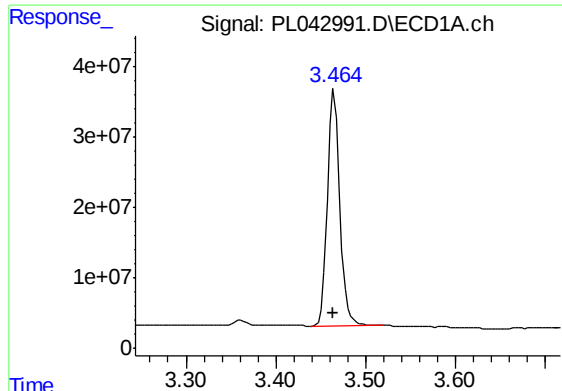
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121118\  
Data File : PL042991.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Dec 2018 02:17  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 12 03:57:26 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 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

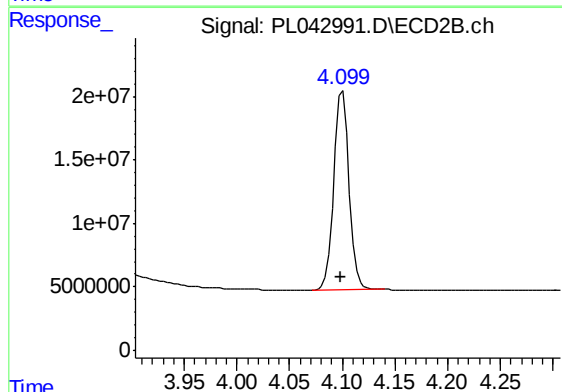




#1 Tetrachloro-m-xylene

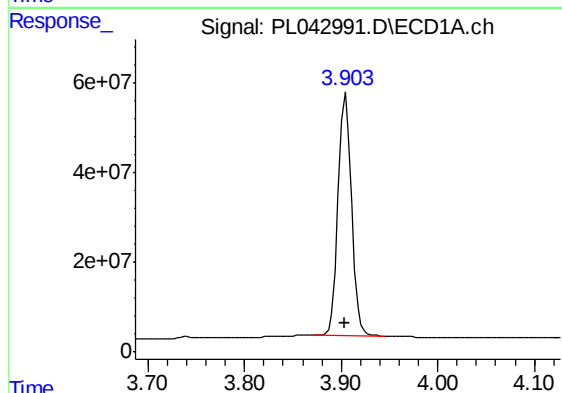
R.T.: 3.465 min  
Delta R.T.: 0.001 min  
Response: 322841185  
Conc: 52.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



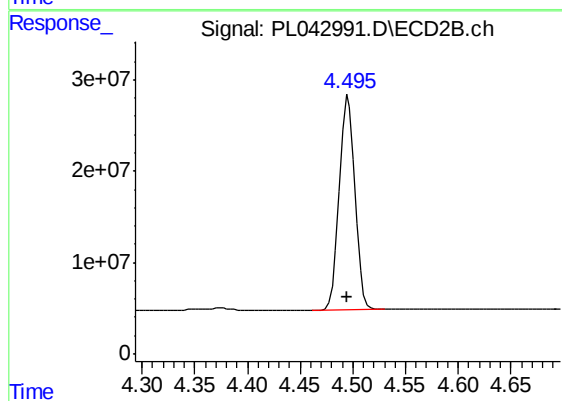
#1 Tetrachloro-m-xylene

R.T.: 4.101 min  
Delta R.T.: 0.001 min  
Response: 157942873  
Conc: 53.29 ng/ml



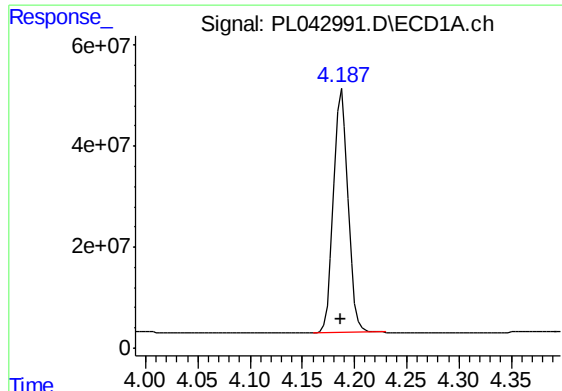
#2 alpha-BHC

R.T.: 3.905 min  
Delta R.T.: 0.000 min  
Response: 509844617  
Conc: 53.93 ng/ml



#2 alpha-BHC

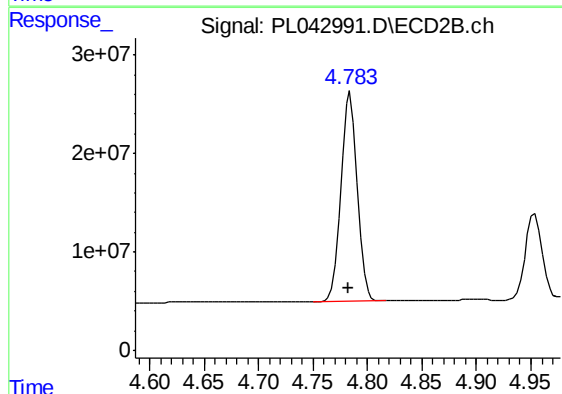
R.T.: 4.496 min  
Delta R.T.: 0.002 min  
Response: 241925435  
Conc: 53.48 ng/ml



#3 gamma-BHC (Lindane)

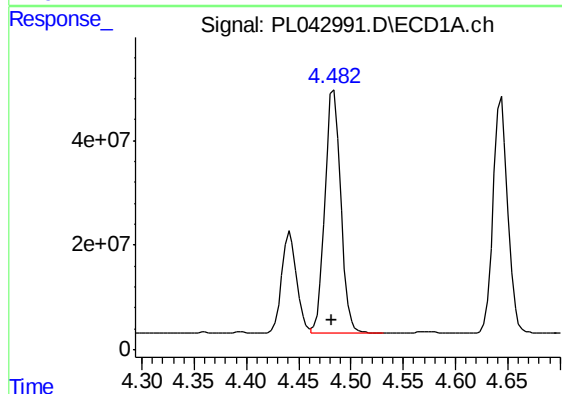
R.T.: 4.188 min  
Delta R.T.: 0.001 min  
Response: 467871664  
Conc: 54.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



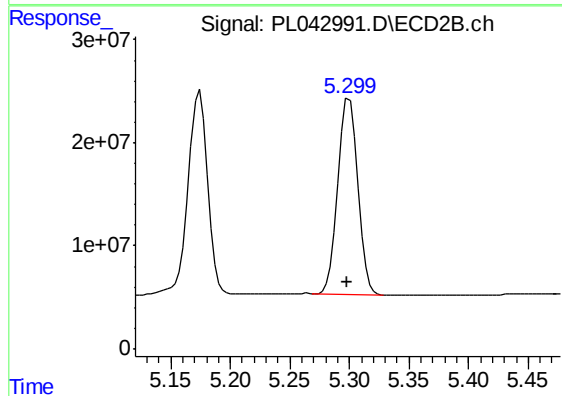
#3 gamma-BHC (Lindane)

R.T.: 4.784 min  
Delta R.T.: 0.002 min  
Response: 221916093  
Conc: 52.91 ng/ml



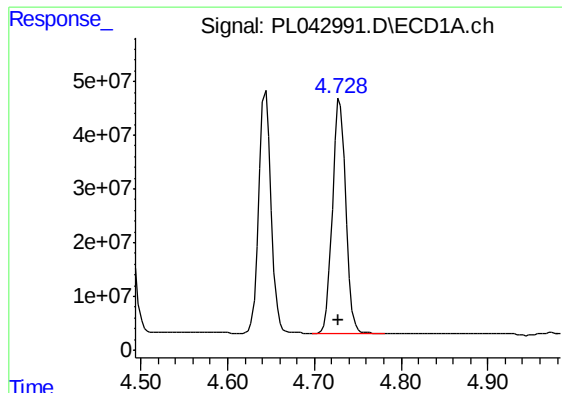
#4 Heptachlor

R.T.: 4.484 min  
Delta R.T.: 0.002 min  
Response: 489833048  
Conc: 55.21 ng/ml



#4 Heptachlor

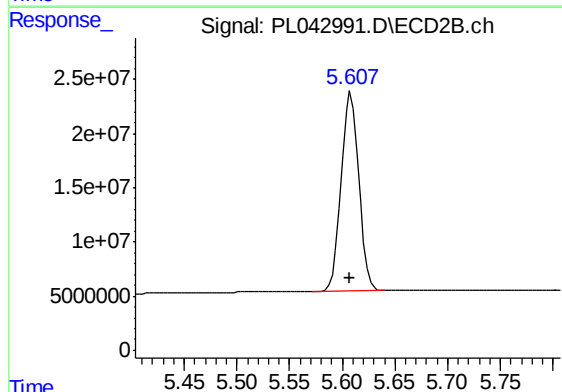
R.T.: 5.300 min  
Delta R.T.: 0.002 min  
Response: 218395838  
Conc: 53.31 ng/ml



#5 Aldrin

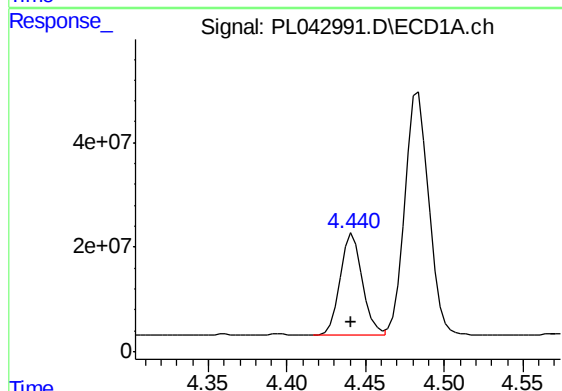
R.T.: 4.730 min  
Delta R.T.: 0.002 min  
Response: 465627164  
Conc: 54.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



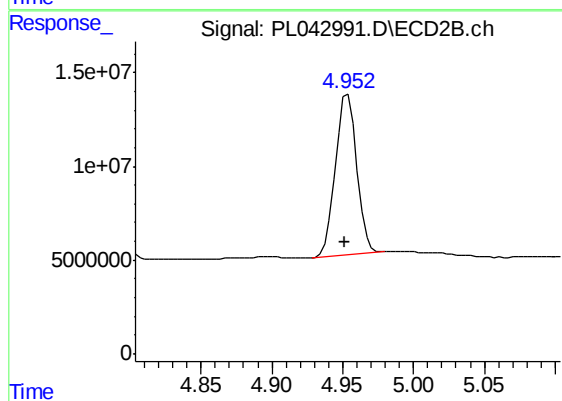
#5 Aldrin

R.T.: 5.608 min  
Delta R.T.: 0.001 min  
Response: 214419203  
Conc: 52.53 ng/ml



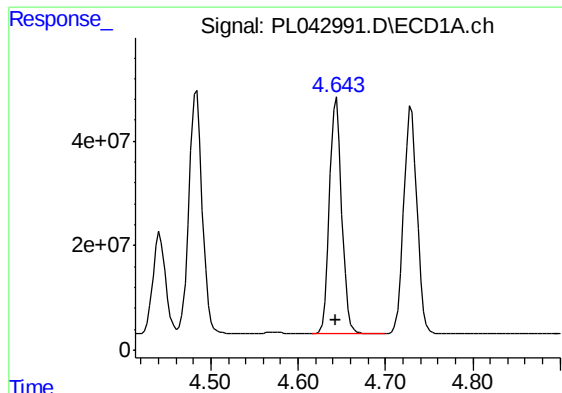
#6 beta-BHC

R.T.: 4.442 min  
Delta R.T.: 0.001 min  
Response: 192781113  
Conc: 52.27 ng/ml



#6 beta-BHC

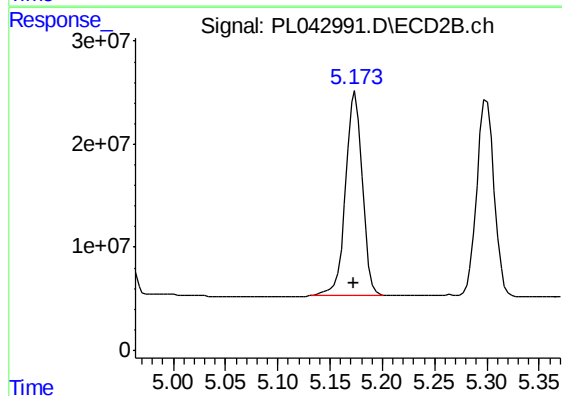
R.T.: 4.954 min  
Delta R.T.: 0.002 min  
Response: 90729571  
Conc: 53.59 ng/ml



#7 delta-BHC

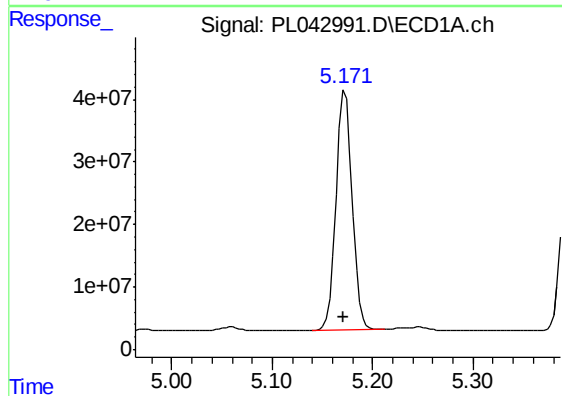
R.T.: 4.644 min  
Delta R.T.: 0.002 min  
Response: 444175517  
Conc: 54.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



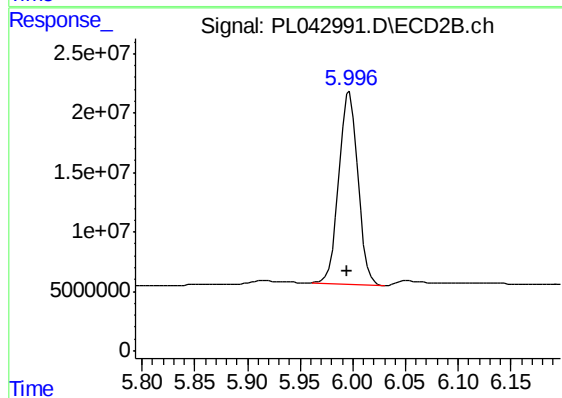
#7 delta-BHC

R.T.: 5.174 min  
Delta R.T.: 0.002 min  
Response: 220828675  
Conc: 51.38 ng/ml



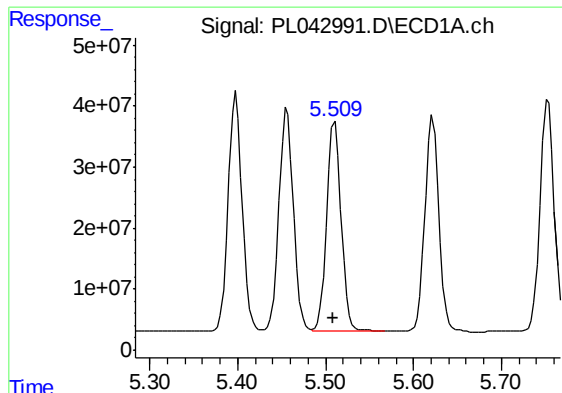
#8 Heptachlor epoxide

R.T.: 5.173 min  
Delta R.T.: 0.002 min  
Response: 424740615  
Conc: 53.58 ng/ml



#8 Heptachlor epoxide

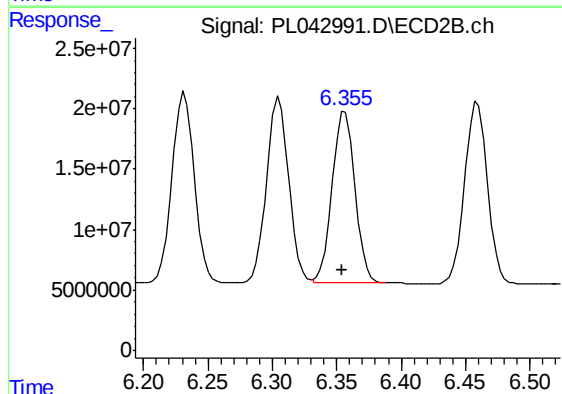
R.T.: 5.997 min  
Delta R.T.: 0.002 min  
Response: 203965247  
Conc: 53.79 ng/ml



#9 Endosulfan I

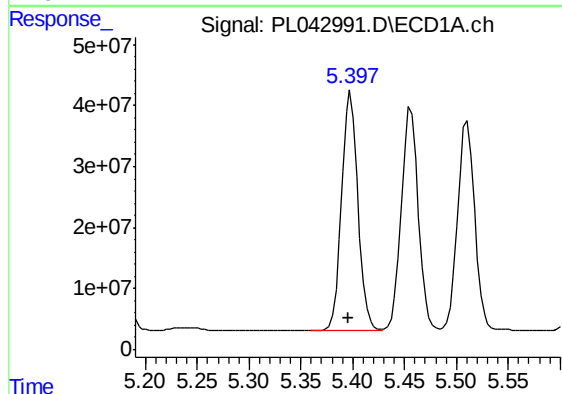
R.T.: 5.511 min  
Delta R.T.: 0.002 min  
Response: 392406839  
Conc: 53.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



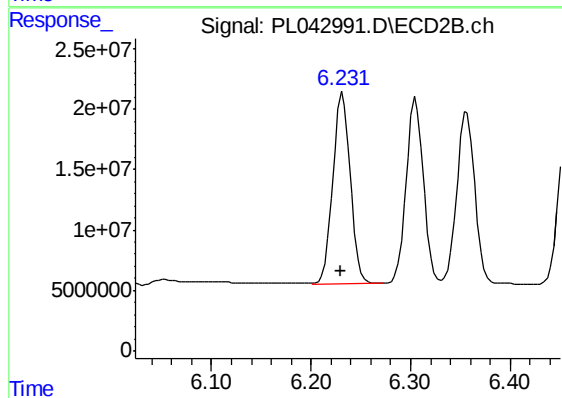
#9 Endosulfan I

R.T.: 6.357 min  
Delta R.T.: 0.002 min  
Response: 176408512  
Conc: 51.96 ng/ml



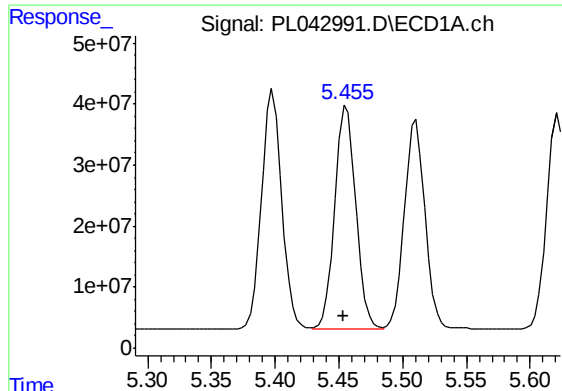
#10 gamma-Chlordane

R.T.: 5.398 min  
Delta R.T.: 0.002 min  
Response: 432913559  
Conc: 53.70 ng/ml



#10 gamma-Chlordane

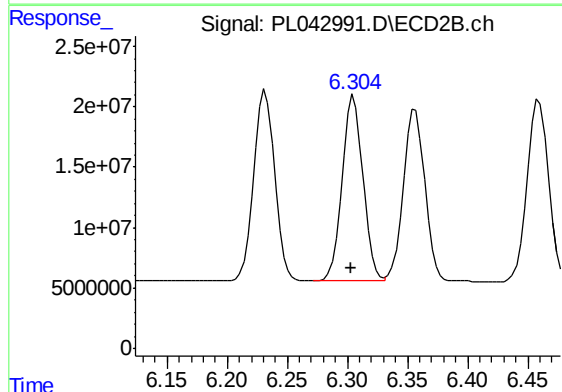
R.T.: 6.232 min  
Delta R.T.: 0.002 min  
Response: 193261189  
Conc: 52.61 ng/ml



#11 alpha-Chlordane

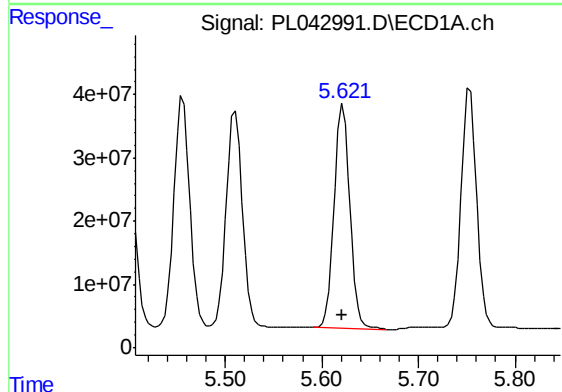
R.T.: 5.456 min  
Delta R.T.: 0.002 min  
Response: 419577117  
Conc: 52.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



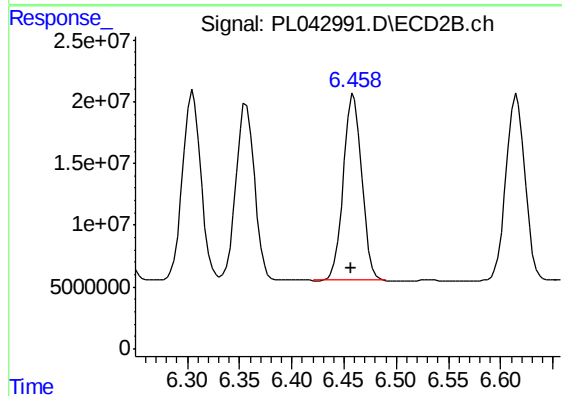
#11 alpha-Chlordane

R.T.: 6.305 min  
Delta R.T.: 0.003 min  
Response: 186590097  
Conc: 51.88 ng/ml



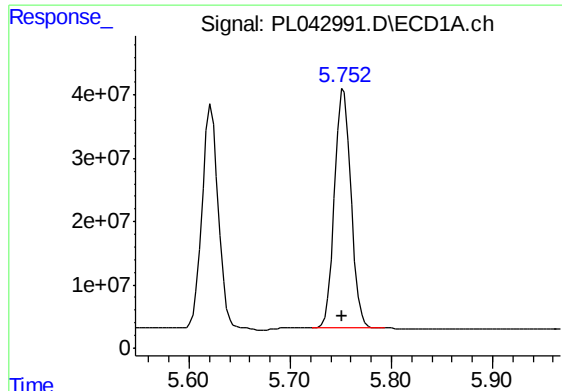
#12 4,4'-DDE

R.T.: 5.622 min  
Delta R.T.: 0.002 min  
Response: 391570312  
Conc: 56.56 ng/ml



#12 4,4'-DDE

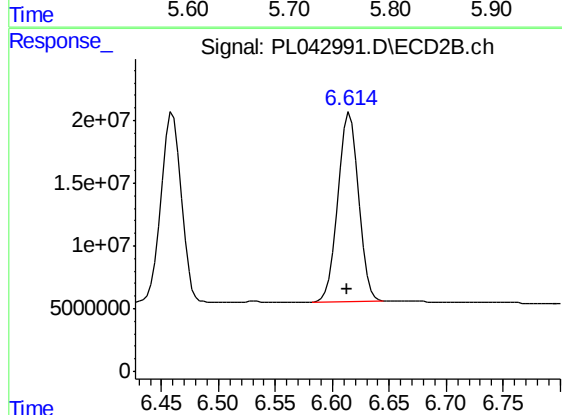
R.T.: 6.460 min  
Delta R.T.: 0.002 min  
Response: 185512274  
Conc: 51.19 ng/ml



#13 Dielddrin

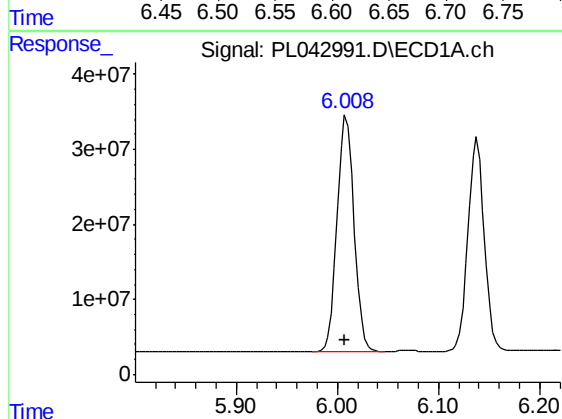
R.T.: 5.753 min  
Delta R.T.: 0.002 min  
Response: 425915383  
Conc: 54.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



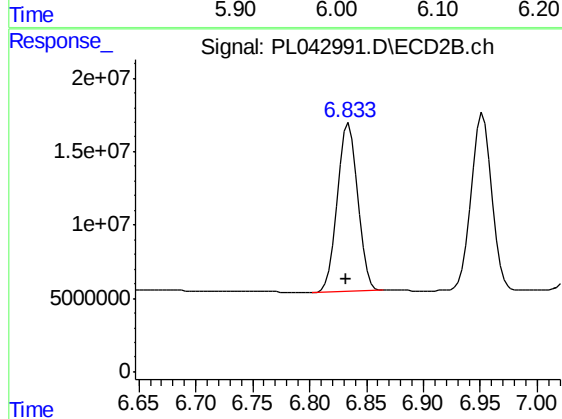
#13 Dielddrin

R.T.: 6.615 min  
Delta R.T.: 0.002 min  
Response: 188208427  
Conc: 51.91 ng/ml



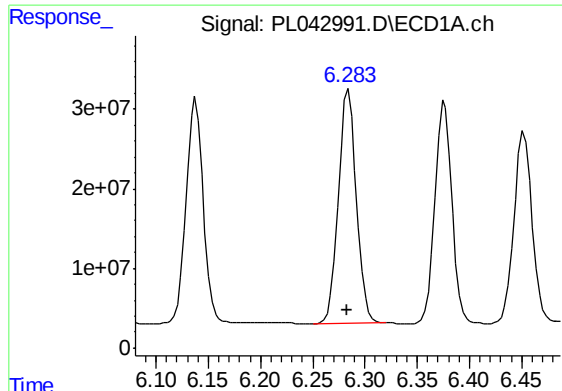
#14 Endrin

R.T.: 6.009 min  
Delta R.T.: 0.002 min  
Response: 364622570  
Conc: 50.64 ng/ml



#14 Endrin

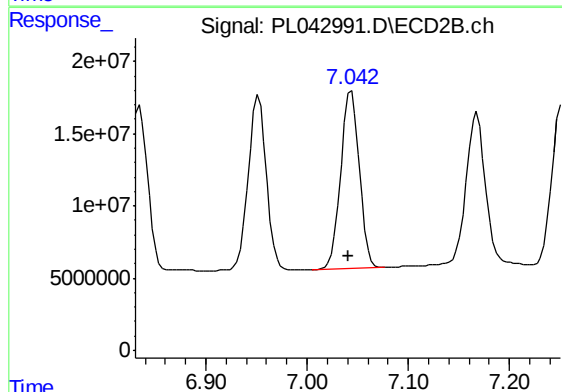
R.T.: 6.835 min  
Delta R.T.: 0.002 min  
Response: 141744144  
Conc: 45.40 ng/ml



#15 Endosulfan II

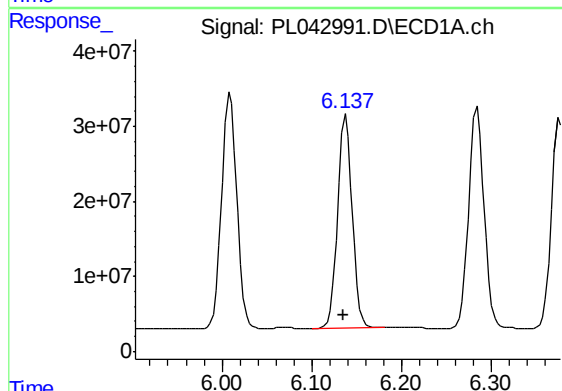
R.T.: 6.284 min  
Delta R.T.: 0.002 min  
Response: 352177245  
Conc: 52.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



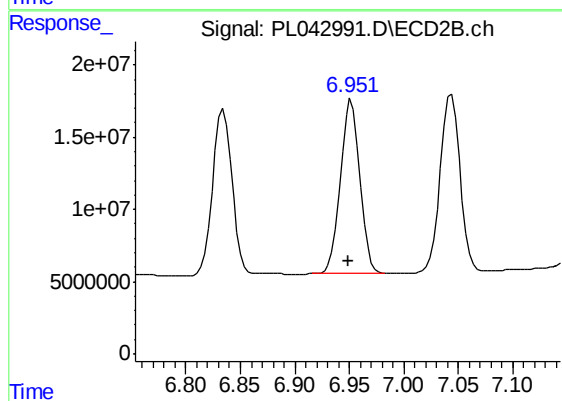
#15 Endosulfan II

R.T.: 7.044 min  
Delta R.T.: 0.003 min  
Response: 156011012  
Conc: 51.52 ng/ml



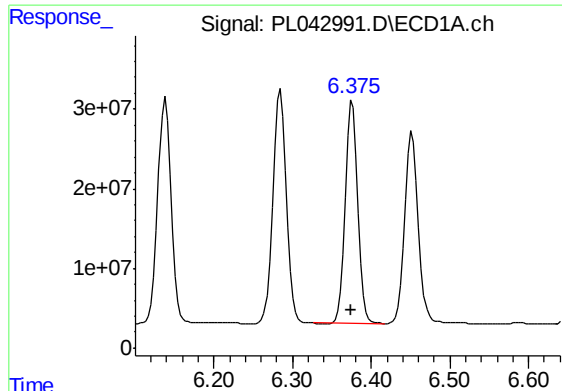
#16 4,4'-DDD

R.T.: 6.138 min  
Delta R.T.: 0.003 min  
Response: 321094219  
Conc: 56.62 ng/ml



#16 4,4'-DDD

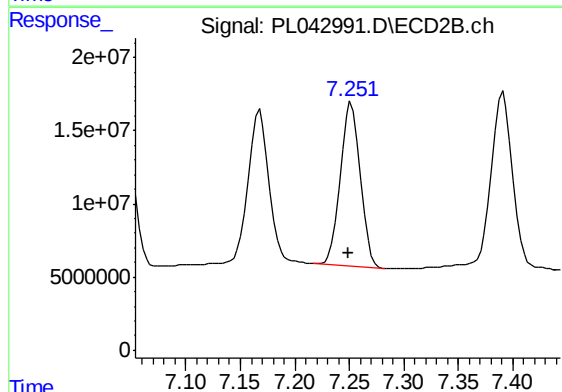
R.T.: 6.952 min  
Delta R.T.: 0.003 min  
Response: 149781853  
Conc: 51.08 ng/ml



#17 4,4'-DDT

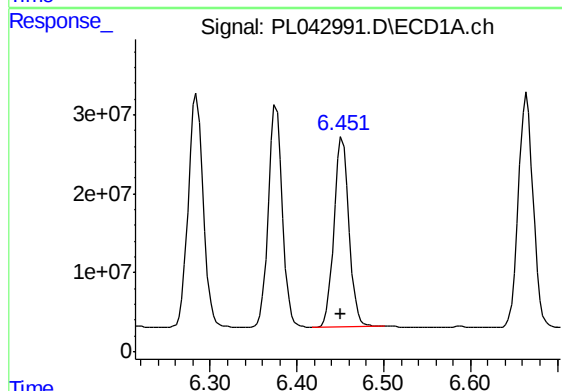
R.T.: 6.376 min  
Delta R.T.: 0.002 min  
Response: 314070524  
Conc: 52.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



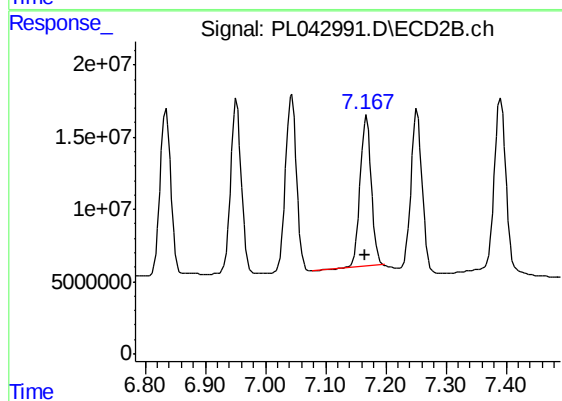
#17 4,4'-DDT

R.T.: 7.252 min  
Delta R.T.: 0.003 min  
Response: 142110478  
Conc: 48.39 ng/ml



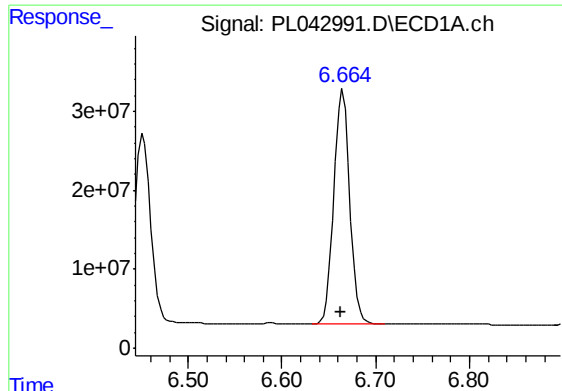
#18 Endrin aldehyde

R.T.: 6.452 min  
Delta R.T.: 0.002 min  
Response: 288274957  
Conc: 52.31 ng/ml



#18 Endrin aldehyde

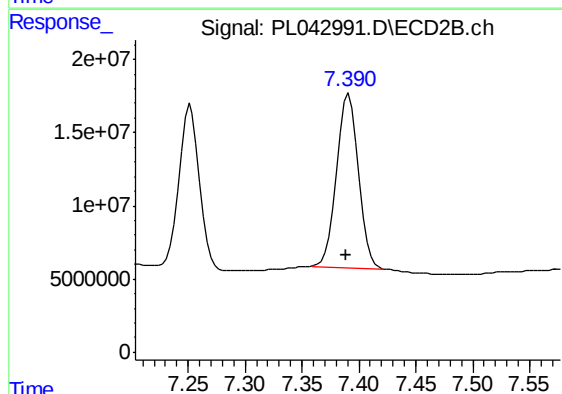
R.T.: 7.168 min  
Delta R.T.: 0.003 min  
Response: 135226941  
Conc: 53.91 ng/ml



#19 Endosulfan Sulfate

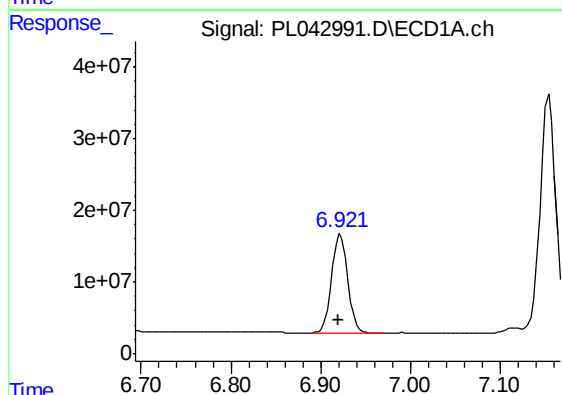
R.T.: 6.665 min  
Delta R.T.: 0.002 min  
Response: 353103140  
Conc: 52.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



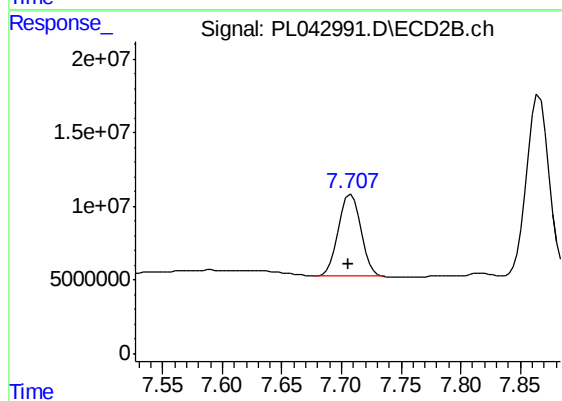
#19 Endosulfan Sulfate

R.T.: 7.391 min  
Delta R.T.: 0.003 min  
Response: 156069280  
Conc: 51.91 ng/ml



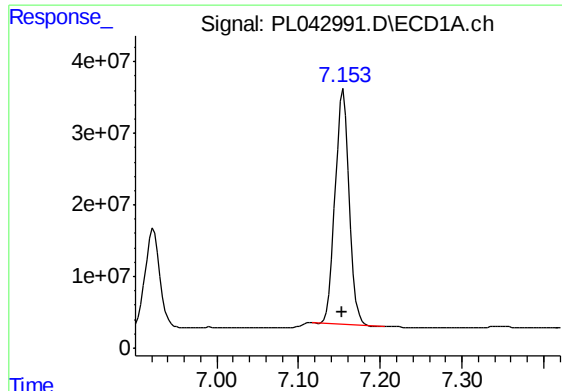
#20 Methoxychlor

R.T.: 6.922 min  
Delta R.T.: 0.002 min  
Response: 171667114  
Conc: 51.16 ng/ml



#20 Methoxychlor

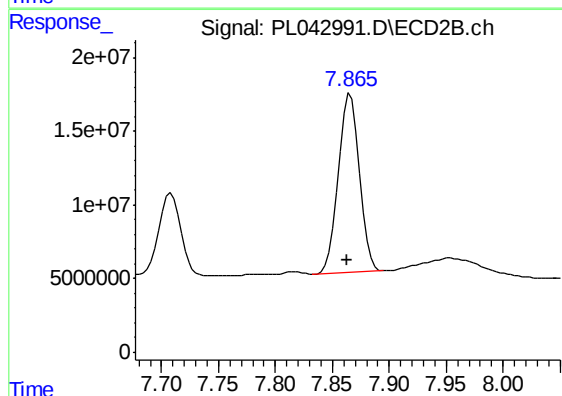
R.T.: 7.708 min  
Delta R.T.: 0.003 min  
Response: 72338972  
Conc: 47.96 ng/ml



#21 Endrin ketone

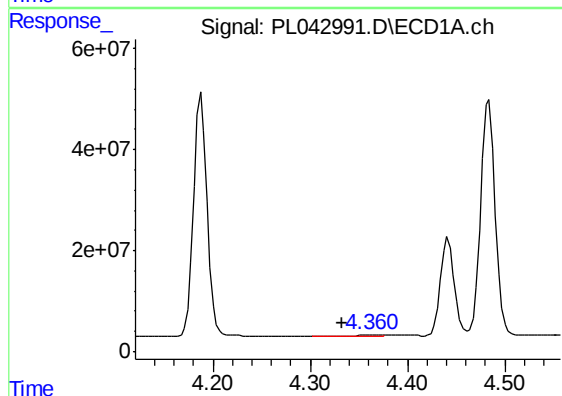
R.T.: 7.155 min  
Delta R.T.: 0.002 min  
Response: 392316805  
Conc: 54.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



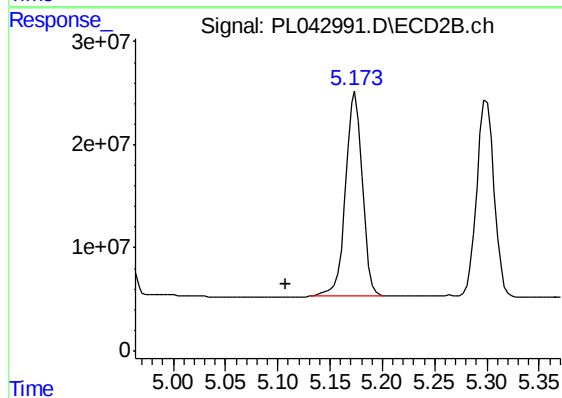
#21 Endrin ketone

R.T.: 7.866 min  
Delta R.T.: 0.003 min  
Response: 155205806  
Conc: 50.78 ng/ml



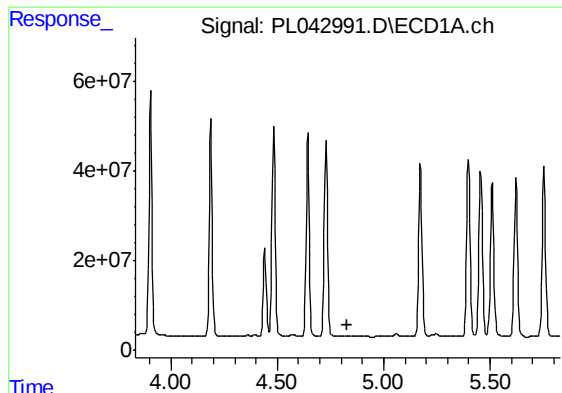
#23 Chlordane-1

R.T.: 4.362 min  
Delta R.T.: 0.029 min  
Response: 1754606  
Conc: 6.53 ng/ml



#23 Chlordane-1

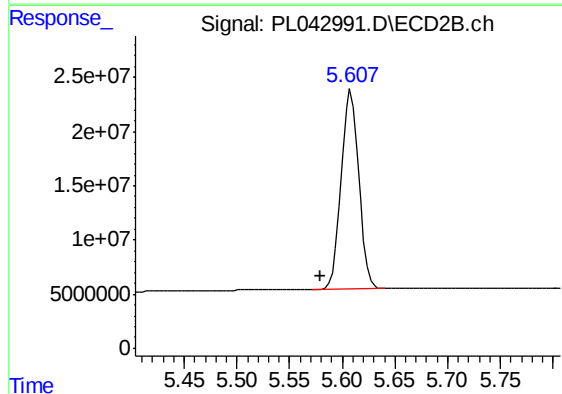
R.T.: 5.174 min  
Delta R.T.: 0.066 min  
Response: 220828675  
Conc: 1562.47 ng/ml



#24 Chlordane-2

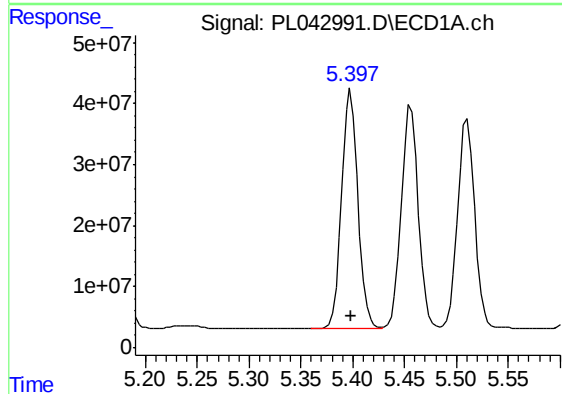
R.T.: 0.000 min  
Exp R.T.: 4.832 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



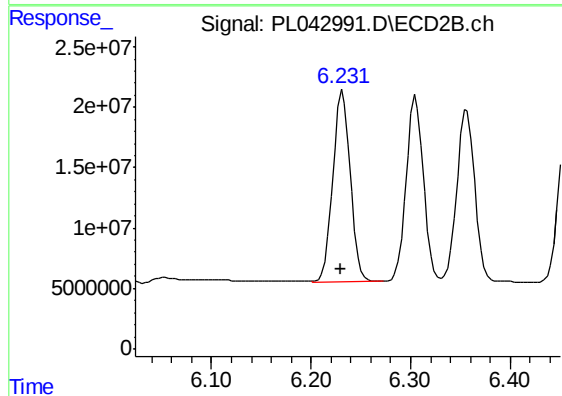
#24 Chlordane-2

R.T.: 5.608 min  
Delta R.T.: 0.029 min  
Response: 214419203  
Conc: 1494.82 ng/ml



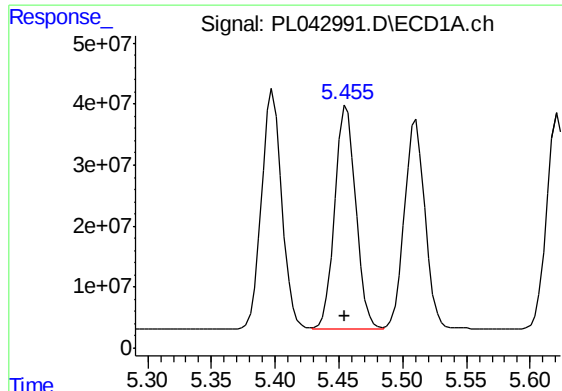
#25 Chlordane-3

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 432913559  
Conc: 520.93 ng/ml



#25 Chlordane-3

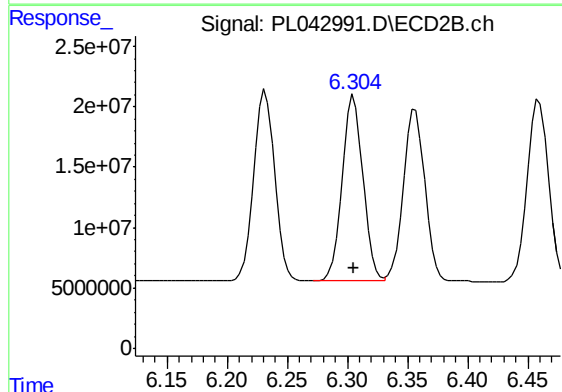
R.T.: 6.232 min  
Delta R.T.: 0.002 min  
Response: 193261189  
Conc: 393.55 ng/ml



#26 Chlordane-4

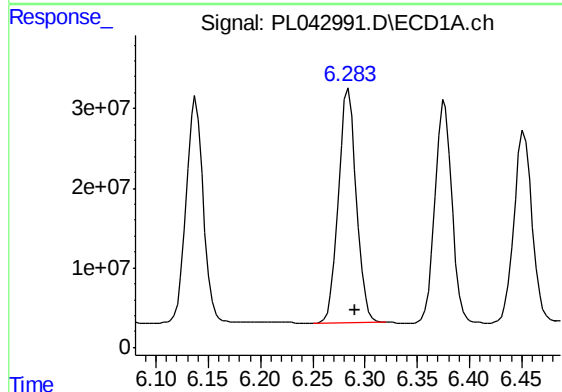
R.T.: 5.456 min  
Delta R.T.: 0.001 min  
Response: 419577117  
Conc: 554.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



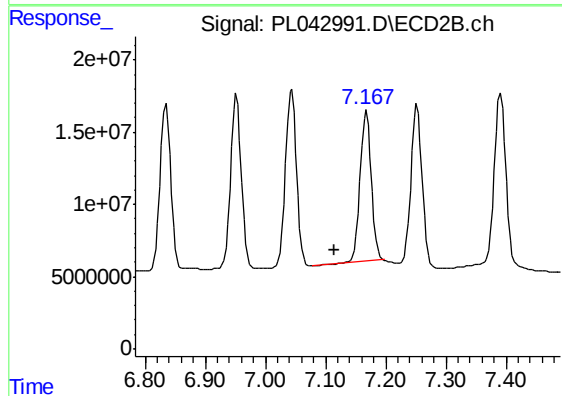
#26 Chlordane-4

R.T.: 6.305 min  
Delta R.T.: 0.000 min  
Response: 186590097  
Conc: 326.92 ng/ml



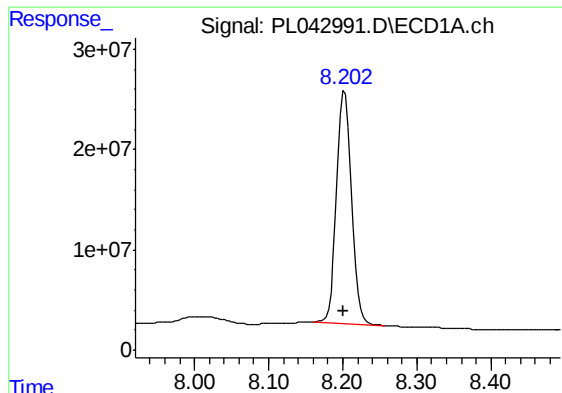
#27 Chlordane-5

R.T.: 6.284 min  
Delta R.T.: -0.006 min  
Response: 352177245  
Conc: 1468.29 ng/ml



#27 Chlordane-5

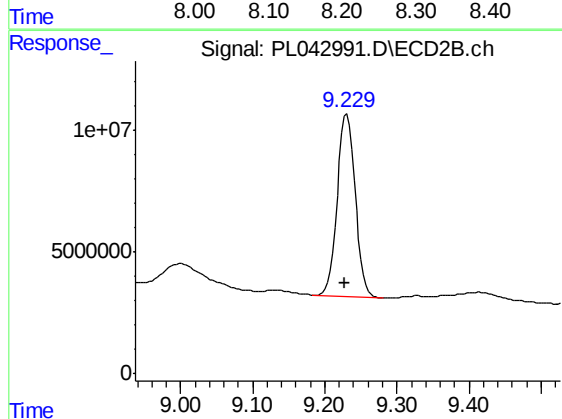
R.T.: 7.168 min  
Delta R.T.: 0.053 min  
Response: 135226941  
Conc: 1153.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.203 min  
Delta R.T.: 0.002 min  
Response: 321196069  
Conc: 49.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.231 min  
Delta R.T.: 0.004 min  
Response: 129817363  
Conc: 49.77 ng/ml