

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121718\  
 Data File : PL043193.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Dec 2018 15:52  
 Operator : AJ\SJ  
 Sample : PB115762BS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB115762BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 18 00:01:21 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 | 4.100 | 128.5E6 | 68243129 | 20.949   | 23.025     |
| 28)                         | SA Decachlor... | 8.203 | 9.231 | 130.6E6 | 59486726 | 20.007   | 22.805     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.904 | 4.496 | 505.5E6 | 246.2E6  | 53.474   | 54.437     |
| 3)                          | MA gamma-BHC... | 4.187 | 4.784 | 452.1E6 | 227.3E6  | 52.364   | 54.185     |
| 4)                          | MA Heptachlor   | 4.483 | 5.299 | 444.1E6 | 198.2E6  | 50.048   | 48.384     |
| 5)                          | MB Aldrin       | 4.729 | 5.608 | 438.5E6 | 221.7E6  | 51.718   | 54.317     |
| 6)                          | B beta-BHC      | 4.442 | 4.953 | 183.2E6 | 92429294 | 49.674   | 54.597     |
| 7)                          | B delta-BHC     | 4.643 | 5.174 | 372.0E6 | 215.6E6  | 45.937   | 50.165     |
| 8)                          | B Heptachlor... | 5.172 | 5.996 | 399.0E6 | 221.6E6  | 50.330   | 58.438     |
| 9)                          | A Endosulfan I  | 5.509 | 6.356 | 364.5E6 | 185.9E6  | 49.754   | 54.750     |
| 10)                         | B gamma-Chl...  | 5.398 | 6.231 | 404.2E6 | 195.6E6  | 50.139   | 53.247     |
| 11)                         | B alpha-Chl...  | 5.455 | 6.305 | 389.5E6 | 195.0E6  | 49.064   | 54.213     |
| 12)                         | B 4,4'-DDE      | 5.621 | 6.459 | 362.2E6 | 199.8E6  | 52.316   | 55.134     |
| 13)                         | MA Dieldrin     | 5.752 | 6.615 | 399.7E6 | 201.3E6  | 51.413   | 55.530     |
| 14)                         | MA Endrin       | 6.008 | 6.834 | 365.1E6 | 168.3E6  | 50.711   | 53.920     |
| 15)                         | B Endosulfa...  | 6.284 | 7.043 | 327.2E6 | 162.4E6  | 49.194   | 53.623     |
| 16)                         | A 4,4'-DDD      | 6.137 | 6.951 | 299.6E6 | 163.7E6  | 52.825   | 55.819     |
| 17)                         | MA 4,4'-DDT     | 6.376 | 7.252 | 300.3E6 | 162.0E6  | 50.484   | 55.144     |
| 18)                         | B Endrin al...  | 6.452 | 7.167 | 276.7E6 | 136.0E6  | 50.215   | 54.217     |
| 19)                         | B Endosulfa...  | 6.665 | 7.391 | 317.2E6 | 159.4E6  | 47.352   | 53.027     |
| 20)                         | A Methoxychlor  | 6.922 | 7.708 | 167.2E6 | 79470571 | 49.838   | 52.688     |
| 21)                         | B Endrin ke...  | 7.154 | 7.865 | 384.3E6 | 171.1E6  | 53.154   | 55.971     |
| 23)                         | Chlordane-1     | 4.390 | 5.174 | 4823268 | 215.6E6  | 17.950   | 1525.373 # |
| 24)                         | Chlordane-2     | 0.000 | 5.608 | 0       | 221.7E6  | N.D.     | 1545.727 # |
| 25)                         | Chlordane-3     | 5.398 | 6.231 | 404.2E6 | 195.6E6  | 486.394  | 398.325    |
| 26)                         | Chlordane-4     | 5.455 | 6.305 | 389.5E6 | 195.0E6  | 515.176  | 341.610 #  |
| 27)                         | Chlordane-5     | 6.284 | 7.167 | 327.2E6 | 136.0E6  | 1364.348 | 1159.947   |
| -----                       |                 |       |       |         |          |          |            |

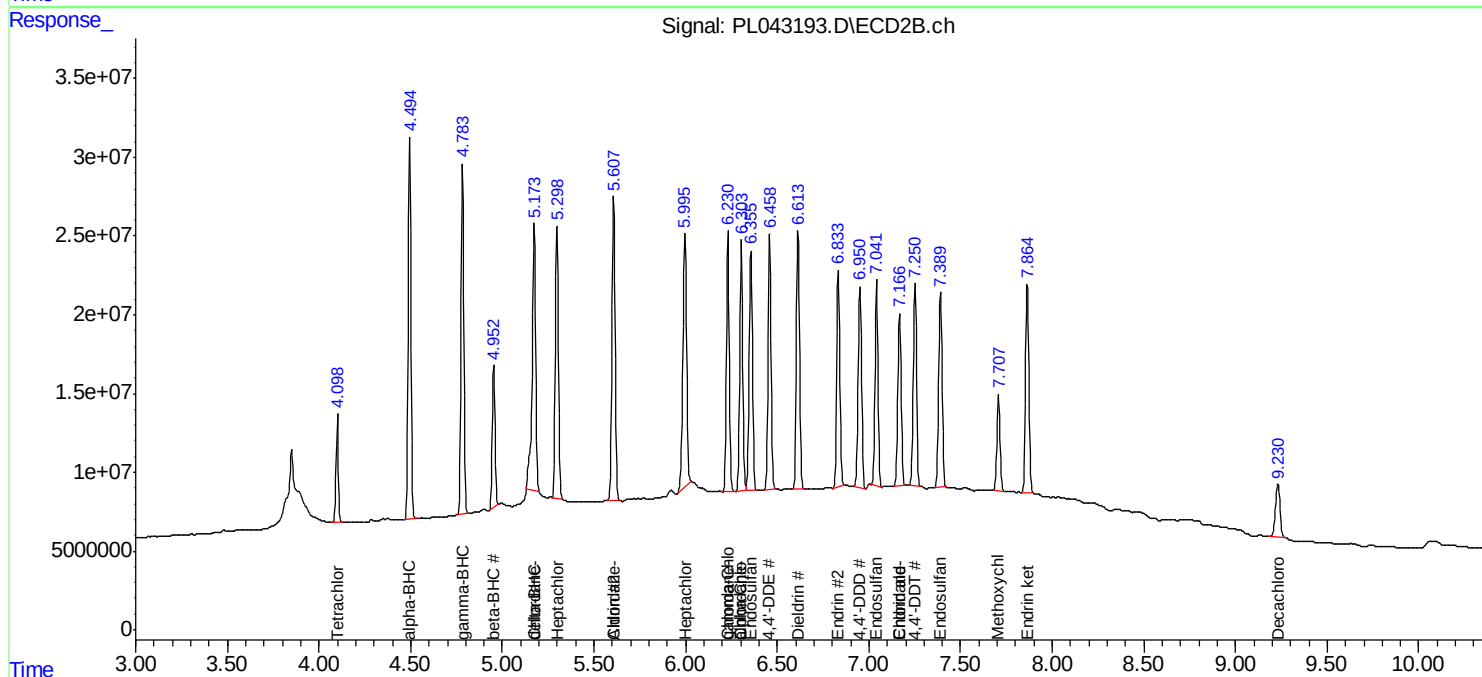
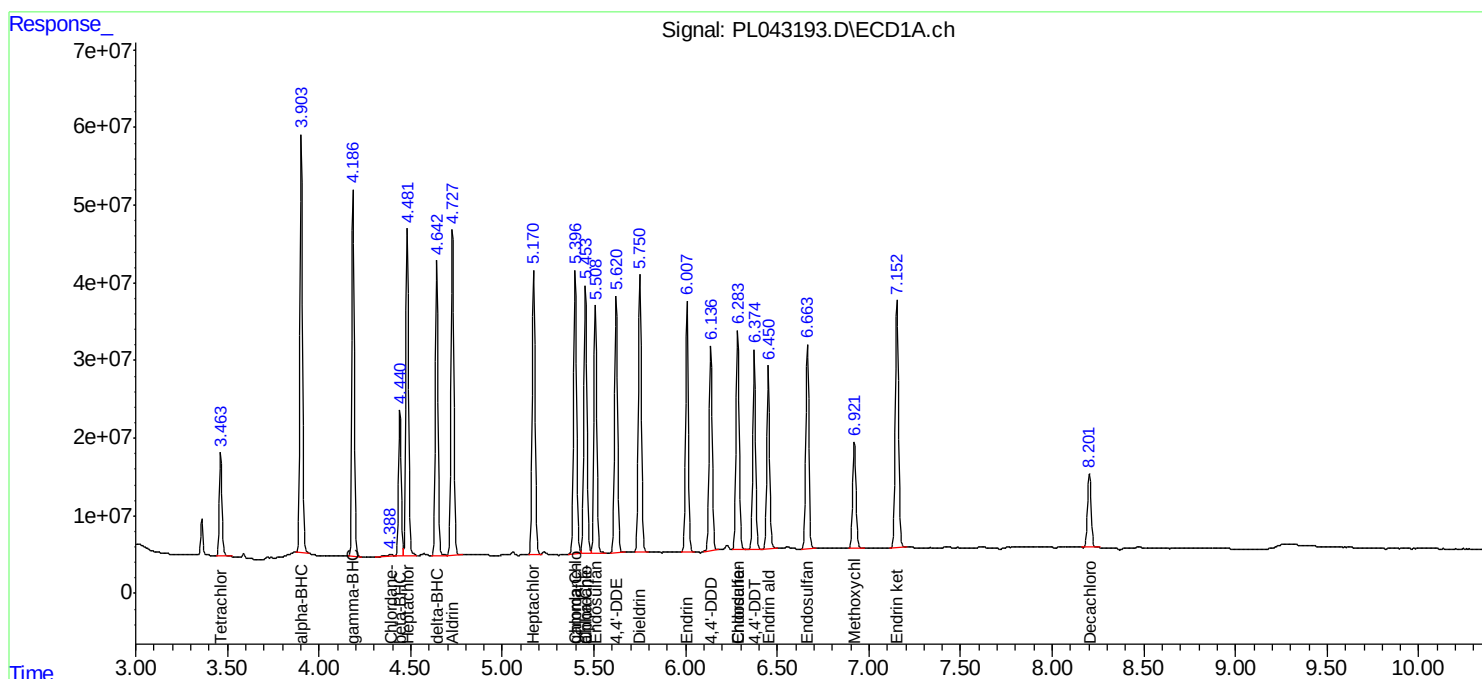
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

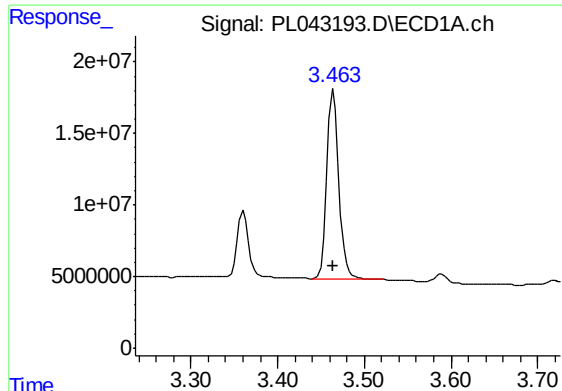
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121718\  
Data File : PL043193.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Dec 2018 15:52  
Operator : AJ\SJ  
Sample : PB115762BS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB115762BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 18 00:01:21 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

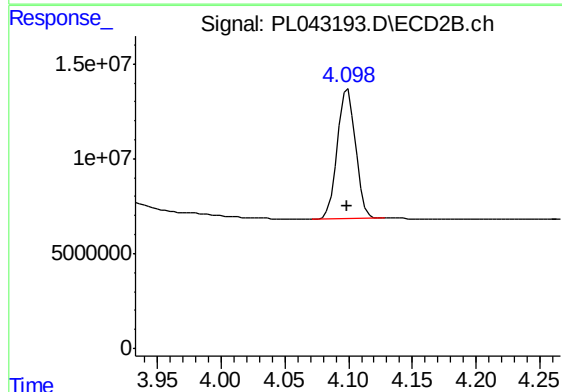




#1 Tetrachloro-m-xylene

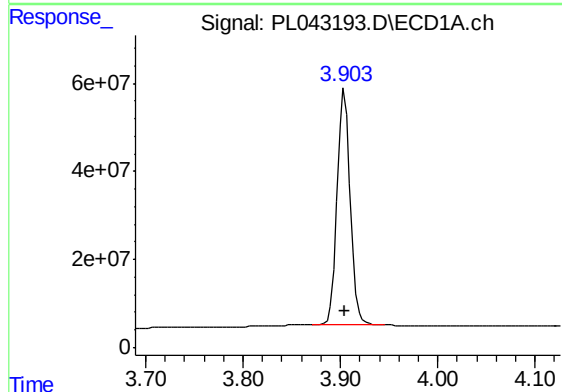
R.T.: 3.465 min  
Delta R.T.: 0.000 min  
Response: 128477969  
Conc: 20.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115762BS



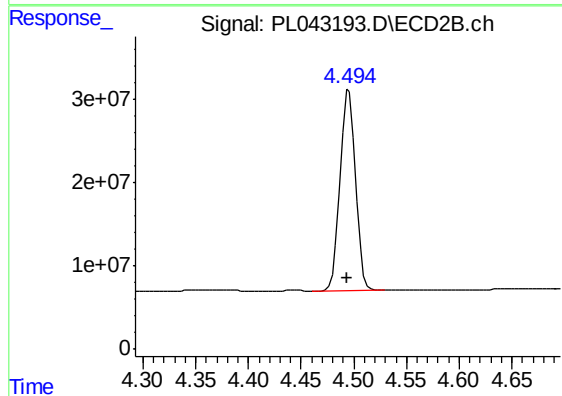
#1 Tetrachloro-m-xylene

R.T.: 4.100 min  
Delta R.T.: 0.000 min  
Response: 68243129  
Conc: 23.02 ng/ml



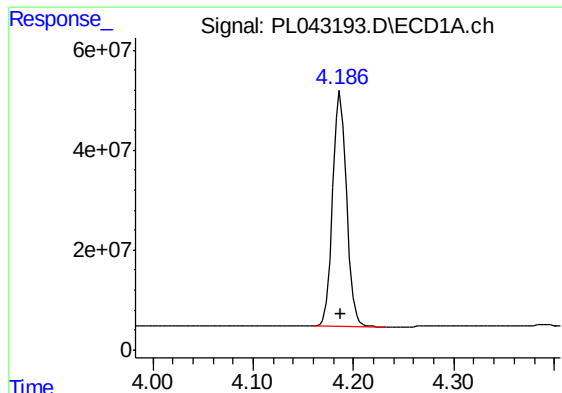
#2 alpha-BHC

R.T.: 3.904 min  
Delta R.T.: 0.000 min  
Response: 505510857  
Conc: 53.47 ng/ml



#2 alpha-BHC

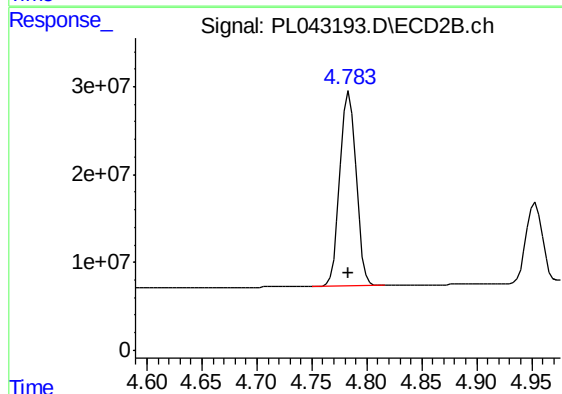
R.T.: 4.496 min  
Delta R.T.: 0.001 min  
Response: 246241819  
Conc: 54.44 ng/ml



#3 gamma-BHC (Lindane)

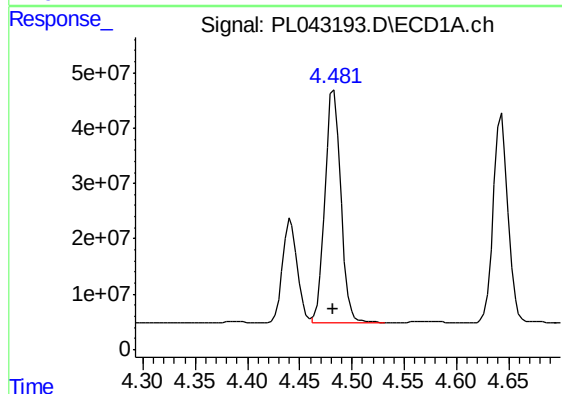
R.T.: 4.187 min  
Delta R.T.: 0.000 min  
Response: 452135481  
Conc: 52.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115762BS



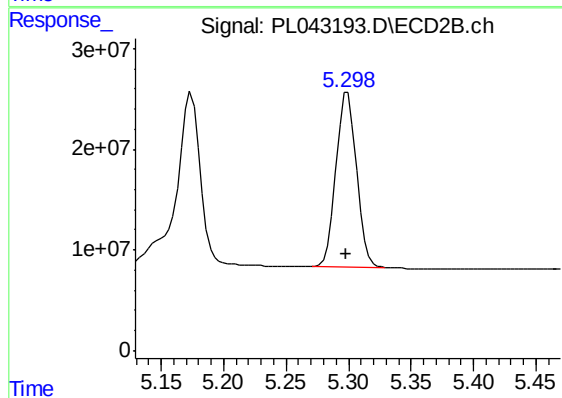
#3 gamma-BHC (Lindane)

R.T.: 4.784 min  
Delta R.T.: 0.001 min  
Response: 227260734  
Conc: 54.18 ng/ml



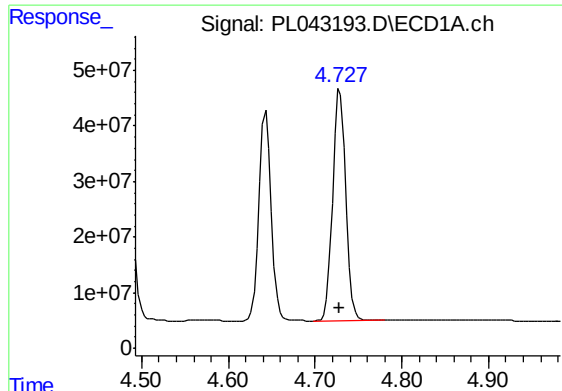
#4 Heptachlor

R.T.: 4.483 min  
Delta R.T.: 0.000 min  
Response: 444059307  
Conc: 50.05 ng/ml



#4 Heptachlor

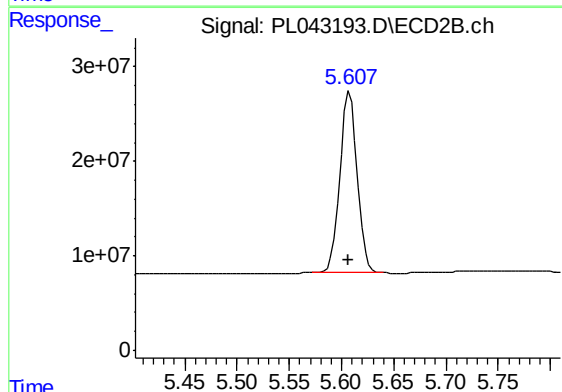
R.T.: 5.299 min  
Delta R.T.: 0.000 min  
Response: 198196282  
Conc: 48.38 ng/ml



#5 Aldrin

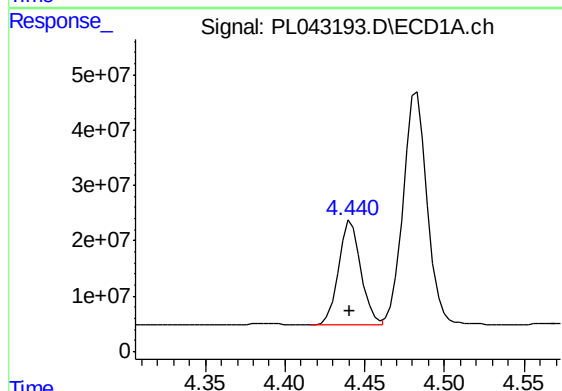
R.T.: 4.729 min  
Delta R.T.: 0.000 min  
Response: 438497506  
Conc: 51.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115762BS



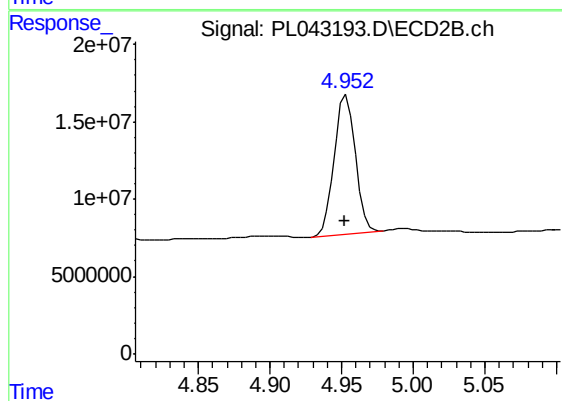
#5 Aldrin

R.T.: 5.608 min  
Delta R.T.: 0.000 min  
Response: 221721949  
Conc: 54.32 ng/ml



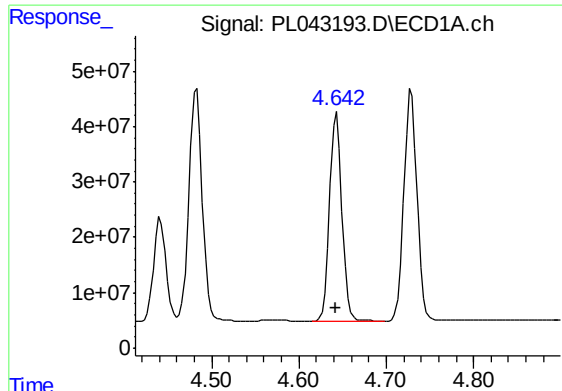
#6 beta-BHC

R.T.: 4.442 min  
Delta R.T.: 0.001 min  
Response: 183222917  
Conc: 49.67 ng/ml



#6 beta-BHC

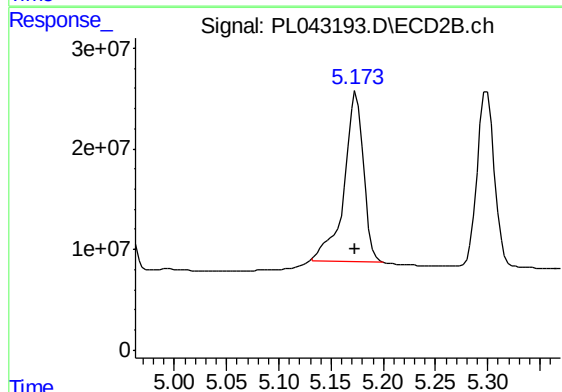
R.T.: 4.953 min  
Delta R.T.: 0.002 min  
Response: 92429294  
Conc: 54.60 ng/ml



#7 delta-BHC

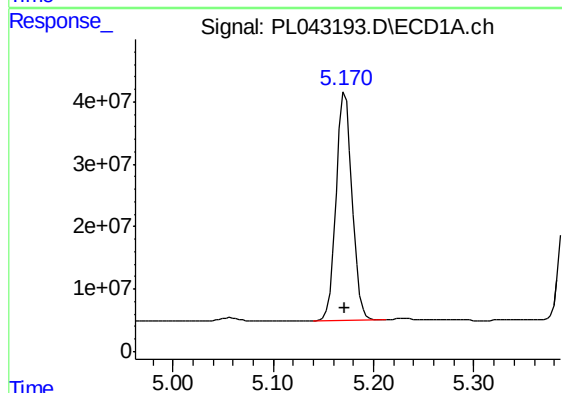
R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 372007062  
Conc: 45.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115762BS



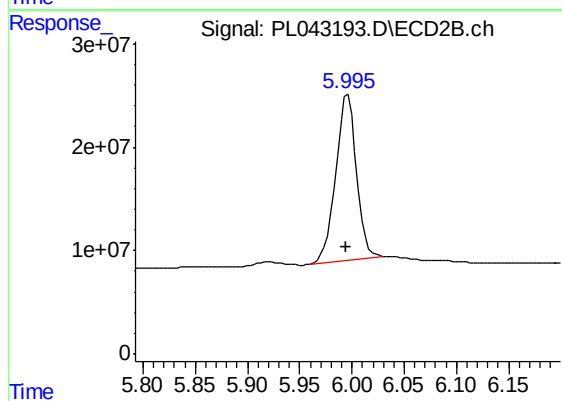
#7 delta-BHC

R.T.: 5.174 min  
Delta R.T.: 0.002 min  
Response: 215585531  
Conc: 50.16 ng/ml



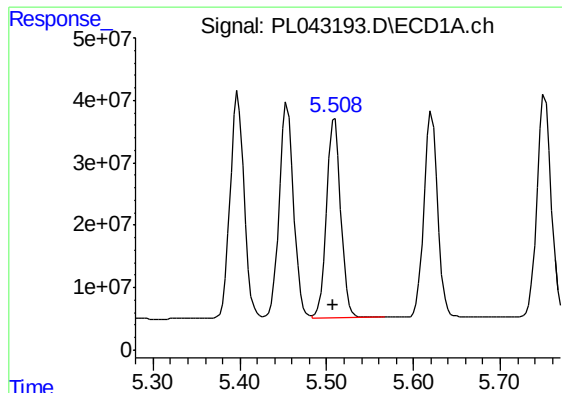
#8 Heptachlor epoxide

R.T.: 5.172 min  
Delta R.T.: 0.001 min  
Response: 398958648  
Conc: 50.33 ng/ml



#8 Heptachlor epoxide

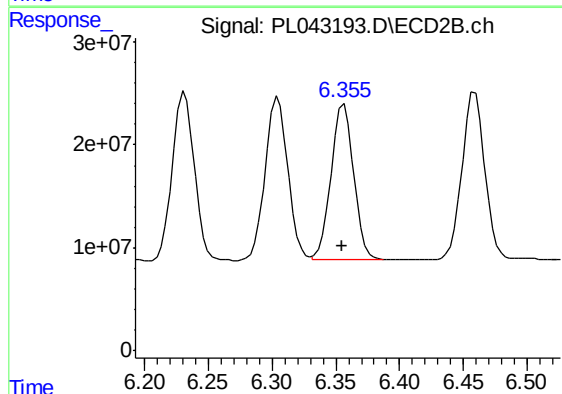
R.T.: 5.996 min  
Delta R.T.: 0.001 min  
Response: 221598539  
Conc: 58.44 ng/ml



#9 Endosulfan I

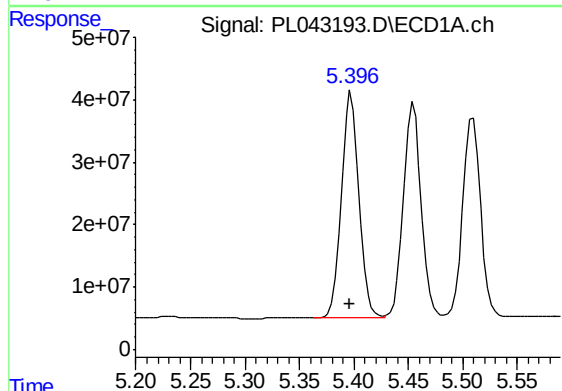
R.T.: 5.509 min  
Delta R.T.: 0.001 min  
Response: 364488572  
Conc: 49.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115762BS



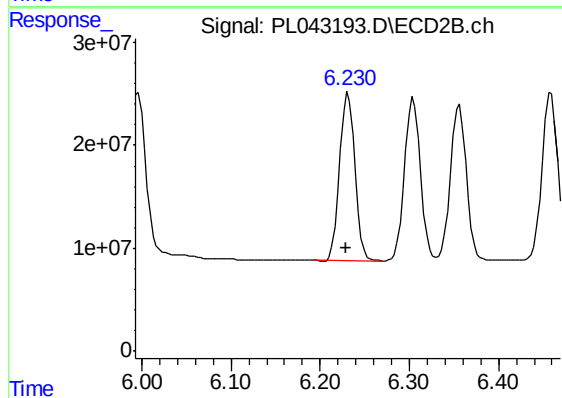
#9 Endosulfan I

R.T.: 6.356 min  
Delta R.T.: 0.002 min  
Response: 185894410  
Conc: 54.75 ng/ml



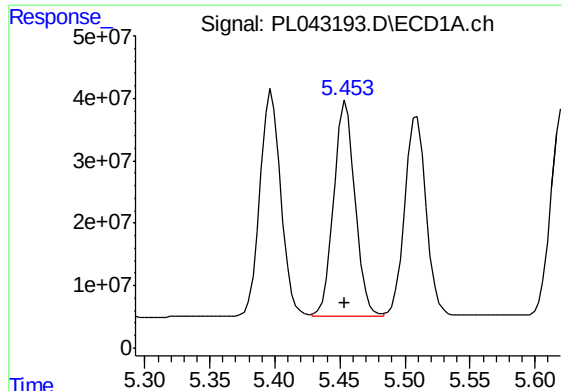
#10 gamma-Chlordane

R.T.: 5.398 min  
Delta R.T.: 0.001 min  
Response: 404213890  
Conc: 50.14 ng/ml



#10 gamma-Chlordane

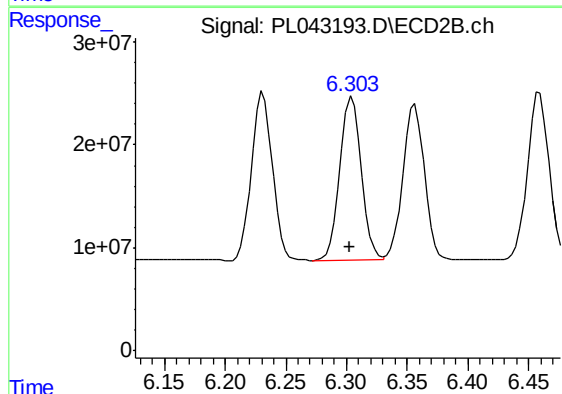
R.T.: 6.231 min  
Delta R.T.: 0.002 min  
Response: 195607120  
Conc: 53.25 ng/ml



#11 alpha-Chlordane

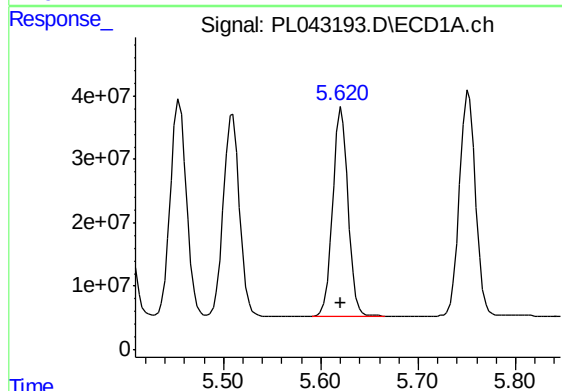
R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 389523786  
Conc: 49.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115762BS



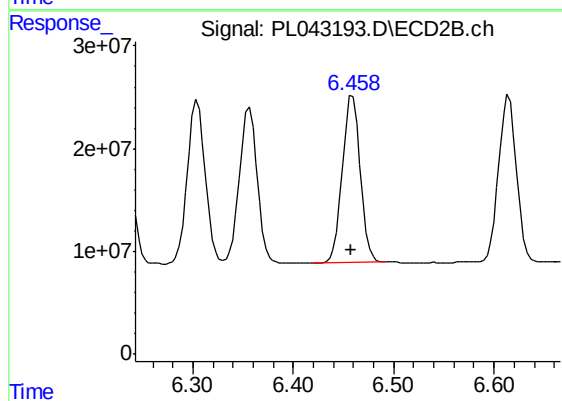
#11 alpha-Chlordane

R.T.: 6.305 min  
Delta R.T.: 0.002 min  
Response: 194973867  
Conc: 54.21 ng/ml



#12 4,4'-DDE

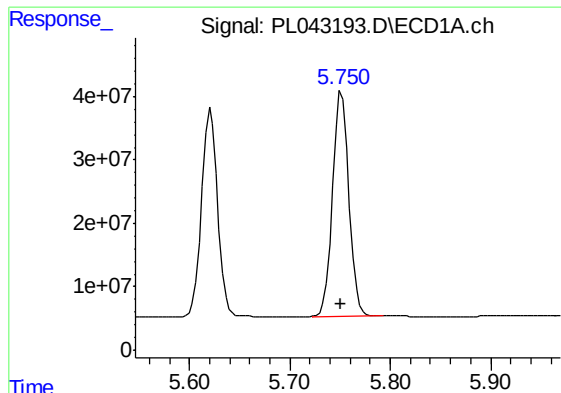
R.T.: 5.621 min  
Delta R.T.: 0.000 min  
Response: 362180443  
Conc: 52.32 ng/ml



#12 4,4'-DDE

R.T.: 6.459 min  
Delta R.T.: 0.002 min  
Response: 199791861  
Conc: 55.13 ng/ml

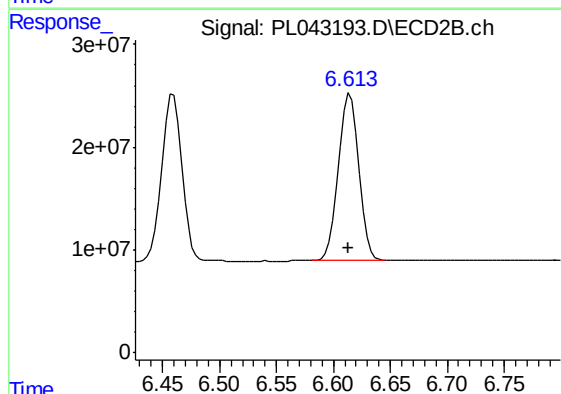




#13 Dielldrin

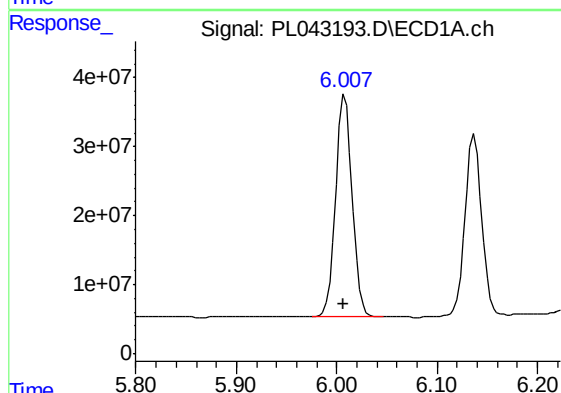
R.T.: 5.752 min  
Delta R.T.: 0.000 min  
Response: 399723756  
Conc: 51.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115762BS



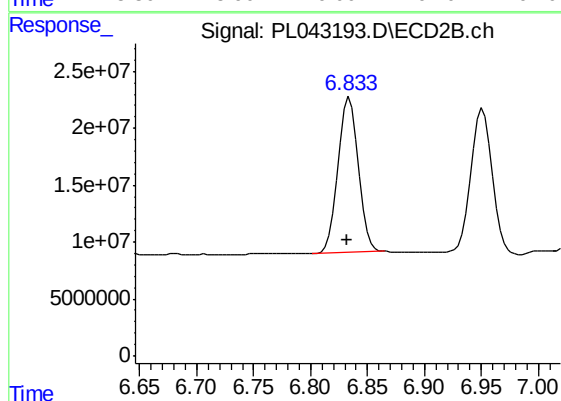
#13 Dielldrin

R.T.: 6.615 min  
Delta R.T.: 0.002 min  
Response: 201335874  
Conc: 55.53 ng/ml



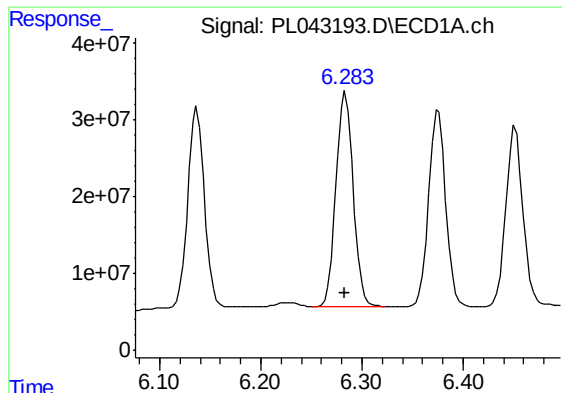
#14 Endrin

R.T.: 6.008 min  
Delta R.T.: 0.001 min  
Response: 365146556  
Conc: 50.71 ng/ml



#14 Endrin

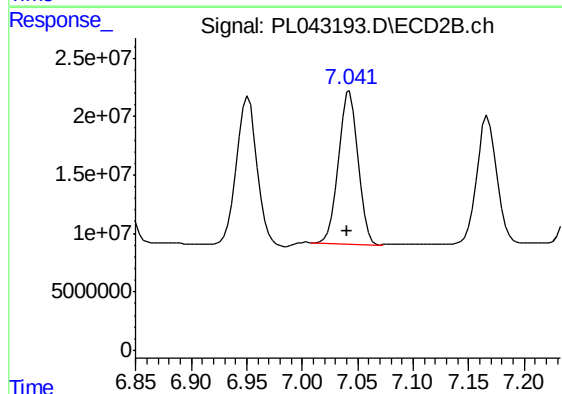
R.T.: 6.834 min  
Delta R.T.: 0.002 min  
Response: 168337042  
Conc: 53.92 ng/ml



#15 Endosulfan II

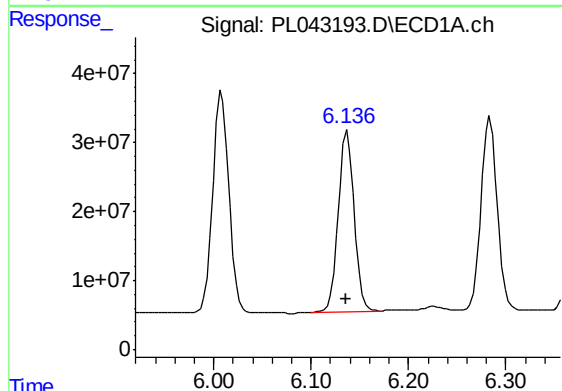
R.T.: 6.284 min  
Delta R.T.: 0.001 min  
Response: 327245530  
Conc: 49.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115762BS



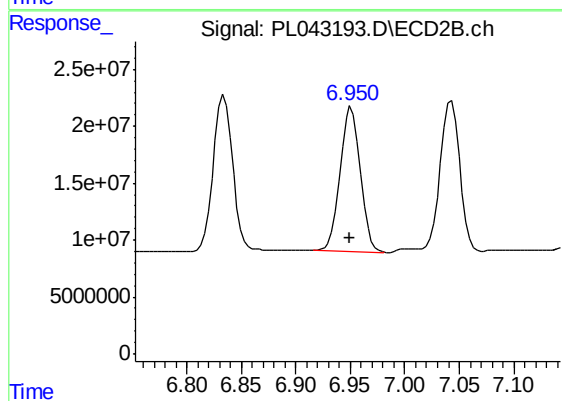
#15 Endosulfan II

R.T.: 7.043 min  
Delta R.T.: 0.002 min  
Response: 162364783  
Conc: 53.62 ng/ml



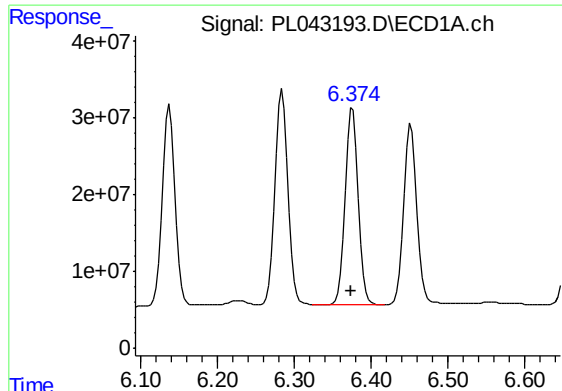
#16 4,4'-DDD

R.T.: 6.137 min  
Delta R.T.: 0.001 min  
Response: 299573943  
Conc: 52.82 ng/ml



#16 4,4'-DDD

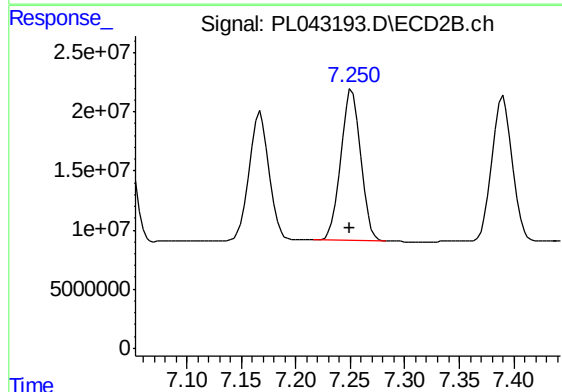
R.T.: 6.951 min  
Delta R.T.: 0.002 min  
Response: 163692422  
Conc: 55.82 ng/ml



#17 4,4'-DDT

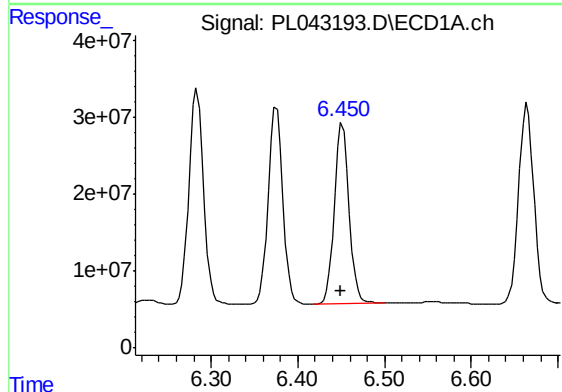
R.T.: 6.376 min  
Delta R.T.: 0.002 min  
Response: 300325754  
Conc: 50.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115762BS



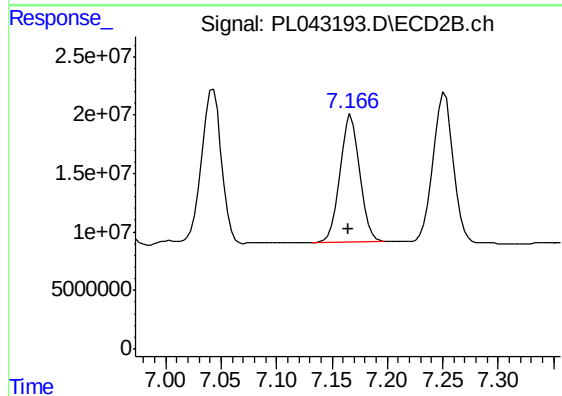
#17 4,4'-DDT

R.T.: 7.252 min  
Delta R.T.: 0.003 min  
Response: 161961559  
Conc: 55.14 ng/ml



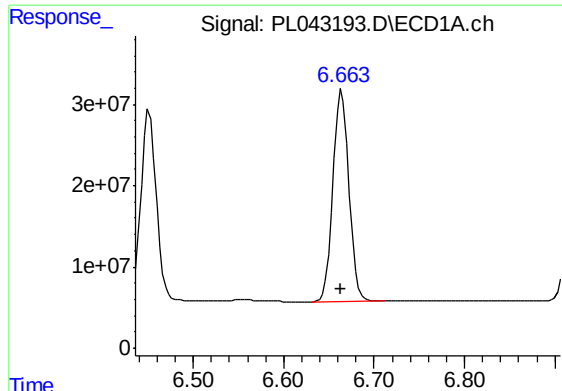
#18 Endrin aldehyde

R.T.: 6.452 min  
Delta R.T.: 0.001 min  
Response: 276720822  
Conc: 50.22 ng/ml



#18 Endrin aldehyde

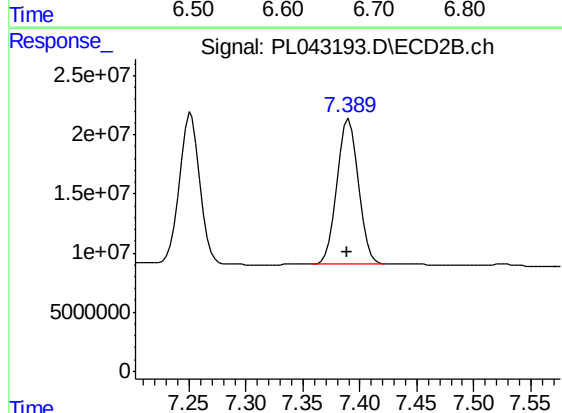
R.T.: 7.167 min  
Delta R.T.: 0.003 min  
Response: 135991145  
Conc: 54.22 ng/ml



#19 Endosulfan Sulfate

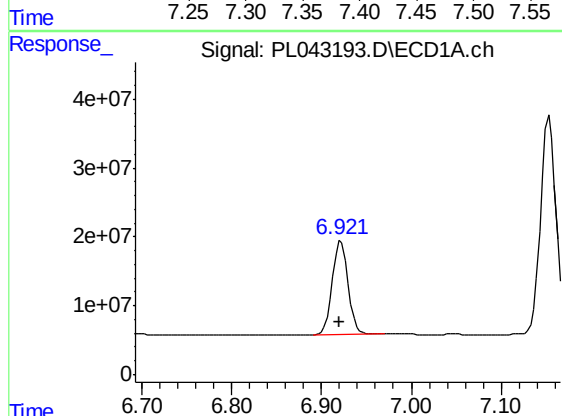
R.T.: 6.665 min  
Delta R.T.: 0.002 min  
Response: 317203210  
Conc: 47.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115762BS



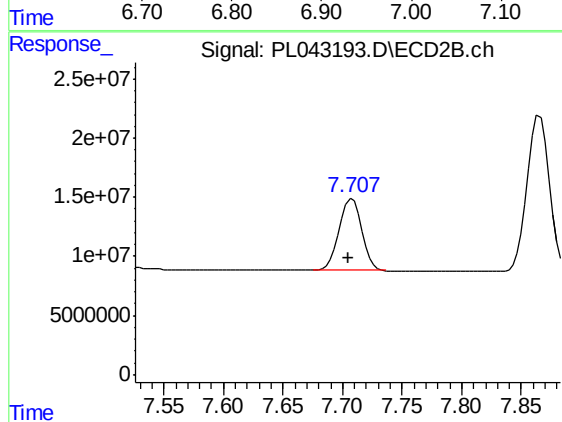
#19 Endosulfan Sulfate

R.T.: 7.391 min  
Delta R.T.: 0.002 min  
Response: 159431426  
Conc: 53.03 ng/ml



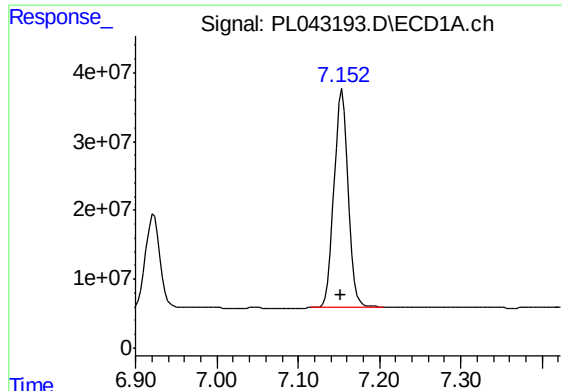
#20 Methoxychlor

R.T.: 6.922 min  
Delta R.T.: 0.002 min  
Response: 167224957  
Conc: 49.84 ng/ml



#20 Methoxychlor

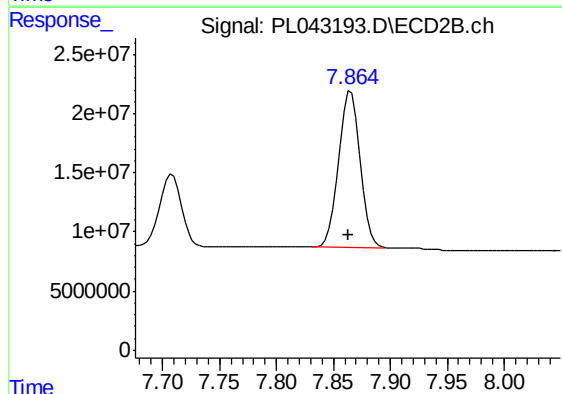
R.T.: 7.708 min  
Delta R.T.: 0.003 min  
Response: 79470571  
Conc: 52.69 ng/ml



#21 Endrin ketone

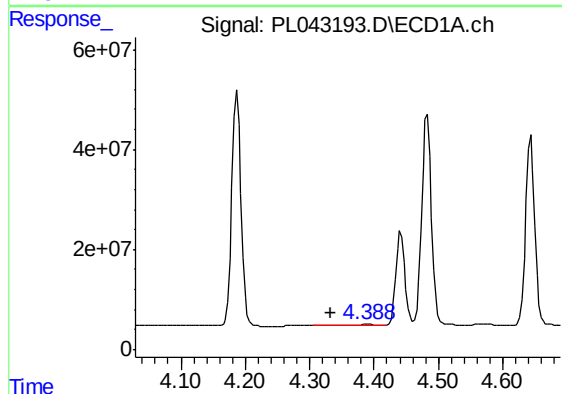
R.T.: 7.154 min  
Delta R.T.: 0.001 min  
Response: 384338029  
Conc: 53.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115762BS



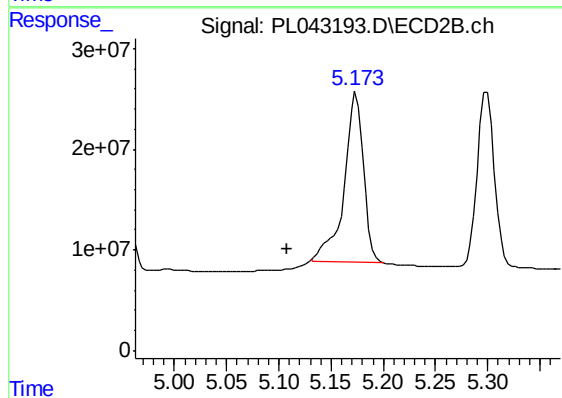
#21 Endrin ketone

R.T.: 7.865 min  
Delta R.T.: 0.003 min  
Response: 171081136  
Conc: 55.97 ng/ml



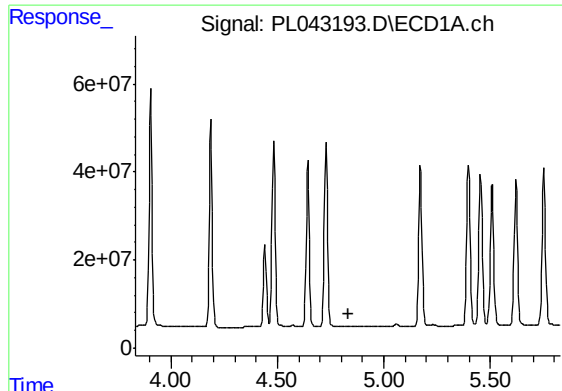
#23 Chlordane-1

R.T.: 4.390 min  
Delta R.T.: 0.058 min  
Response: 4823268  
Conc: 17.95 ng/ml



#23 Chlordane-1

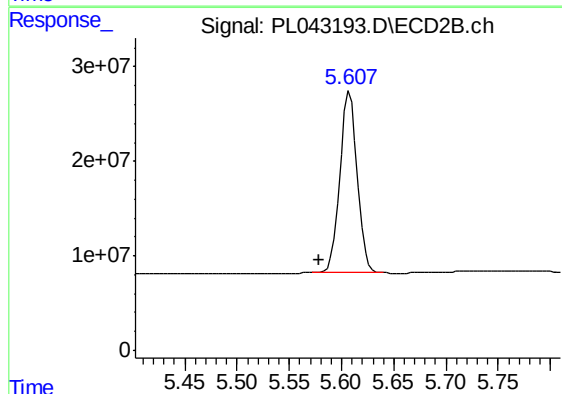
R.T.: 5.174 min  
Delta R.T.: 0.066 min  
Response: 215585531  
Conc: 1525.37 ng/ml



#24 Chlordane-2

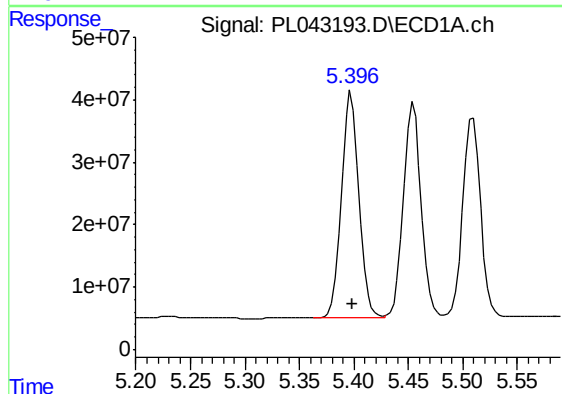
R.T.: 0.000 min  
Exp R.T.: 4.832 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB115762BS



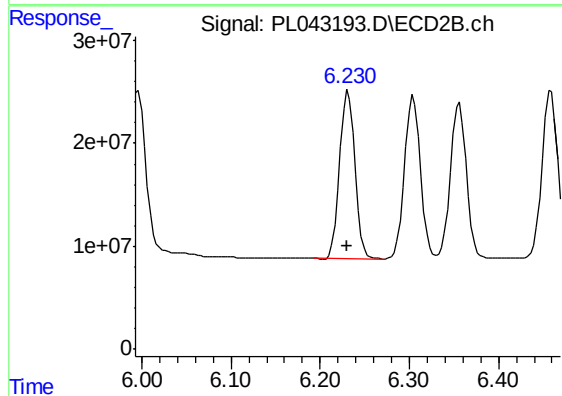
#24 Chlordane-2

R.T.: 5.608 min  
Delta R.T.: 0.029 min  
Response: 221721949  
Conc: 1545.73 ng/ml



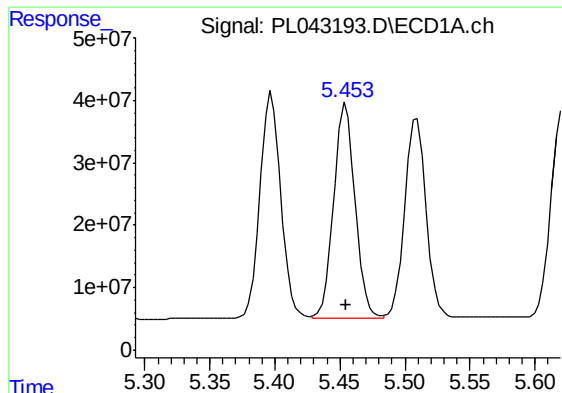
#25 Chlordane-3

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 404213890  
Conc: 486.39 ng/ml



#25 Chlordane-3

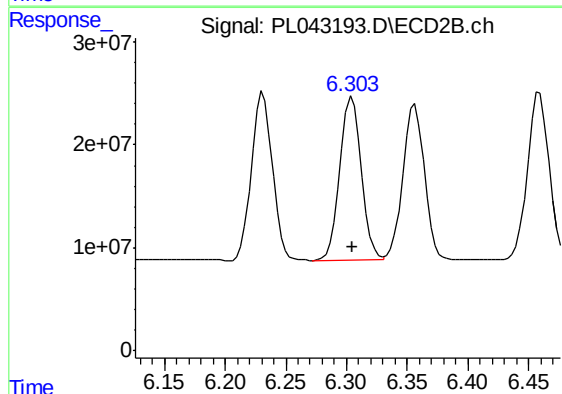
R.T.: 6.231 min  
Delta R.T.: 0.001 min  
Response: 195607120  
Conc: 398.33 ng/ml



#26 Chlordane-4

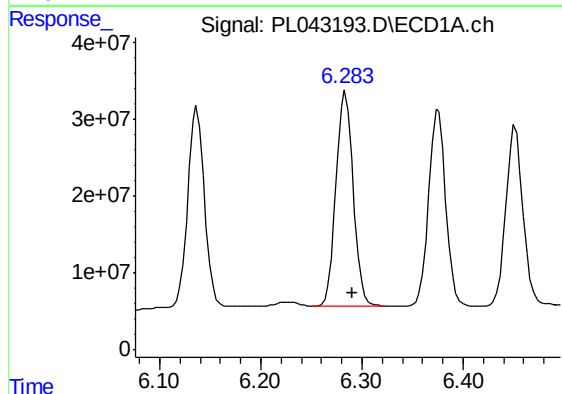
R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 389523786  
Conc: 515.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115762BS



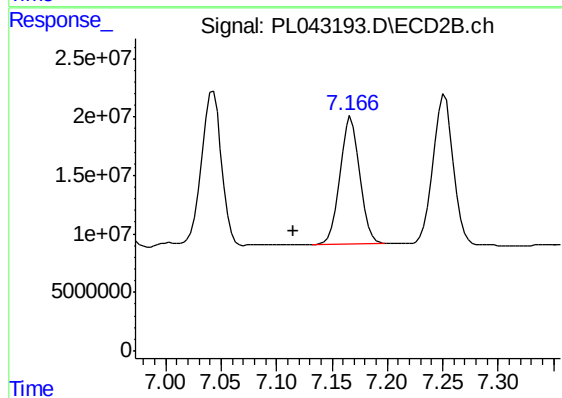
#26 Chlordane-4

R.T.: 6.305 min  
Delta R.T.: 0.000 min  
Response: 194973867  
Conc: 341.61 ng/ml



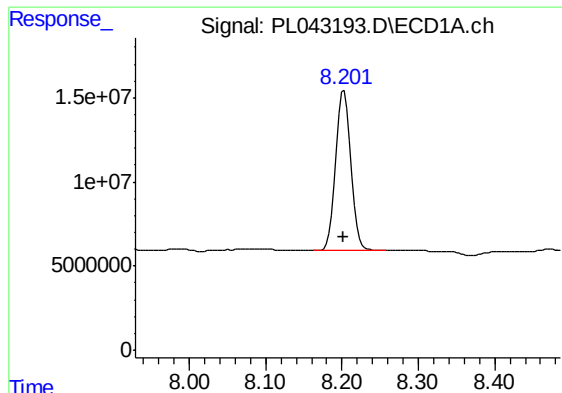
#27 Chlordane-5

R.T.: 6.284 min  
Delta R.T.: -0.006 min  
Response: 327245530  
Conc: 1364.35 ng/ml



#27 Chlordane-5

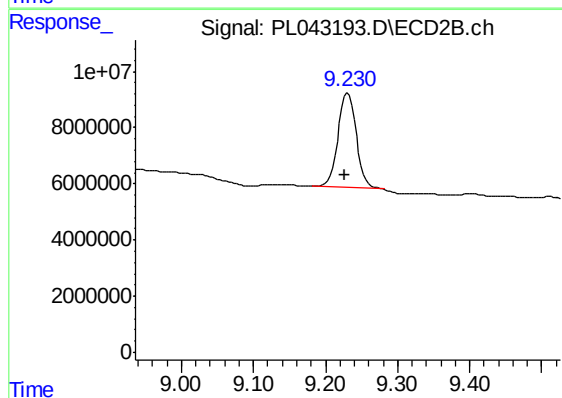
R.T.: 7.167 min  
Delta R.T.: 0.052 min  
Response: 135991145  
Conc: 1159.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.203 min  
Delta R.T.: 0.002 min  
Response: 130647196  
Conc: 20.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115762BS



#28 Decachlorobiphenyl

R.T.: 9.231 min  
Delta R.T.: 0.004 min  
Response: 59486726  
Conc: 22.80 ng/ml