

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052521\  
 Data File : PD063268.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 May 2021 12:58  
 Operator : AR\AJ  
 Sample : PB136454BS  
 Misc : CHLORDANE BS  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB136454BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 25 23:57:50 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 24 14:48:18 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|----------|
| -----                       |                 |        |        |          |          |         |          |
| System Monitoring Compounds |                 |        |        |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.447  | 3.970  | 26615766 | 243.1E6  | 24.163  | 20.975   |
| 28)                         | SA Decachlor... | 8.204  | 9.028  | 25606921 | 216.8E6  | 20.346  | 21.251   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.367  | 0        | 8559581  | N.D.    | 0.445 #  |
| 4)                          | MA Heptachlor   | 4.467  | 5.151  | 12906731 | 176.2E6  | 8.205   | 10.626 # |
| 5)                          | MB Aldrin       | 4.726  | 5.430f | 1148755  | 108.7E6  | 0.750   | 6.509 #  |
| 7)                          | B delta-BHC     | 4.624  | 5.007f | 1406155  | 29278055 | 0.853   | 2.095 #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.827  | 0        | 84821120 | N.D.    | 5.545 #  |
| 9)                          | A Endosulfan I  | 5.480  | 6.195  | 1781239  | 2498125  | 1.313   | 0.176 #  |
| 10)                         | B gamma-Chl...  | 5.387  | 6.076  | 28507557 | 455.5E6  | 19.435  | 29.219 # |
| 11)                         | B alpha-Chl...  | 5.444  | 6.150  | 25091498 | 524.7E6  | 17.379  | 35.405 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.301  | 0        | 4648273  | N.D.    | 0.308 #  |
| 13)                         | MA Dieldrin     | 0.000  | 6.451  | 0        | 12310429 | N.D.    | 0.812 #  |
| 14)                         | MA Endrin       | 6.000  | 6.690f | 2039762  | 1747008  | 1.525   | 0.137 #  |
| 15)                         | B Endosulfa...  | 6.282  | 6.894  | 8006609  | 4912232  | 6.436   | 0.410 #  |
| 16)                         | A 4,4'-DDD      | 6.086f | 6.814f | 590564   | 26311765 | 0.491   | 2.169 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.106  | 0        | 1639502  | N.D.    | 0.145 #  |
| 19)                         | B Endosulfa...  | 0.000  | 7.229  | 0        | 935958   | N.D.    | 0.076 #  |
| 20)                         | A Methoxychlor  | 0.000  | 7.549  | 0        | 5006793  | N.D.    | 0.873 #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.724f | 0        | 4711242  | N.D.    | 0.393 #  |
| 23)                         | Chlordane-1     | 4.316  | 4.963  | 9121078  | 112.5E6  | 195.889 | 194.013  |
| 24)                         | Chlordane-2     | 4.818  | 5.430  | 11494889 | 108.7E6  | 202.189 | 192.089  |
| 25)                         | Chlordane-3     | 5.387  | 6.076  | 28507557 | 455.5E6  | 172.919 | 192.857  |
| 26)                         | Chlordane-4     | 5.444  | 6.150  | 25091498 | 524.7E6  | 185.642 | 194.024  |
| 27)                         | Chlordane-5     | 6.282  | 6.954  | 8006609  | 69575884 | 160.604 | 155.657  |
| -----                       |                 |        |        |          |          |         |          |

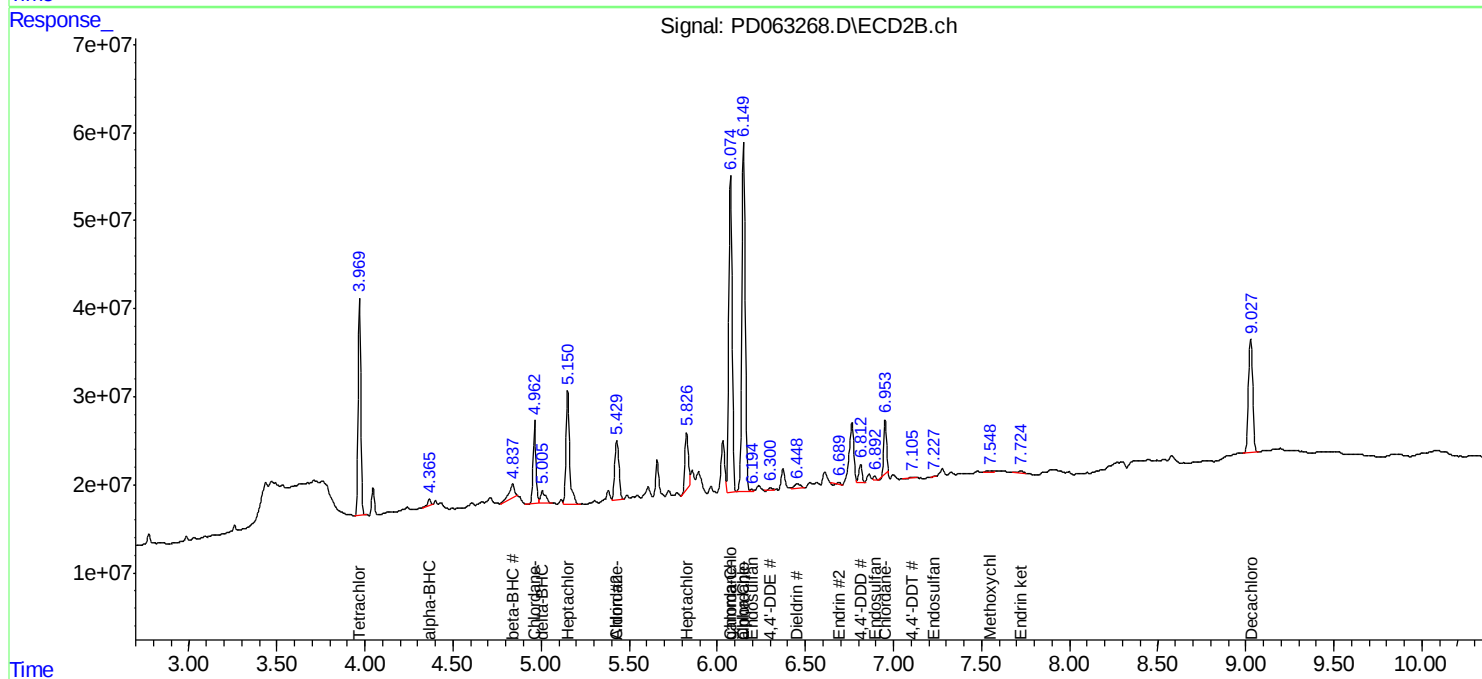
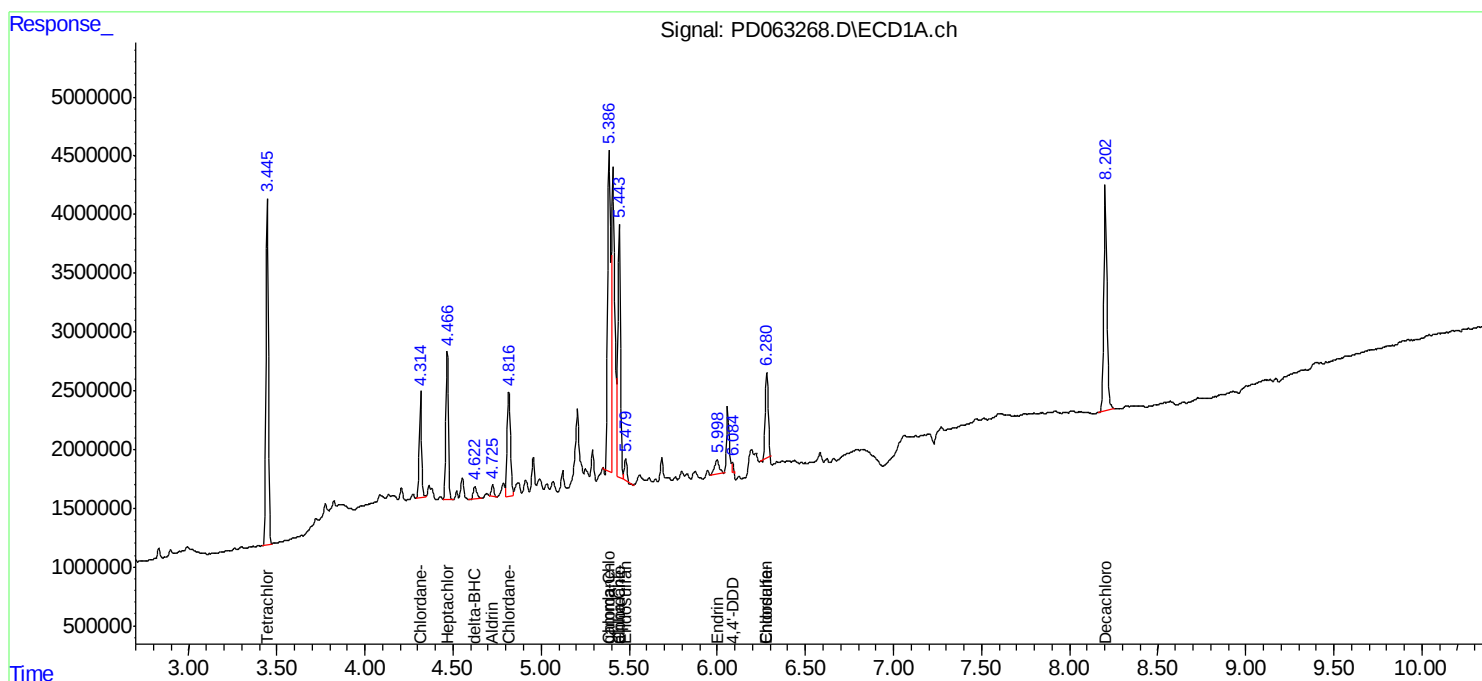
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

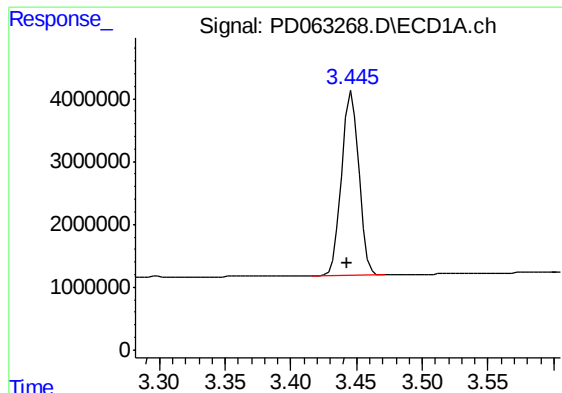
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052521\  
Data File : PD063268.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 May 2021 12:58  
Operator : AR\AJ  
Sample : PB136454BS  
Misc : CHLORDANE BS  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
PB136454BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 25 23:57:50 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
Quant Title : GC Extractables  
QLast Update : Mon May 24 14:48:18 2021  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

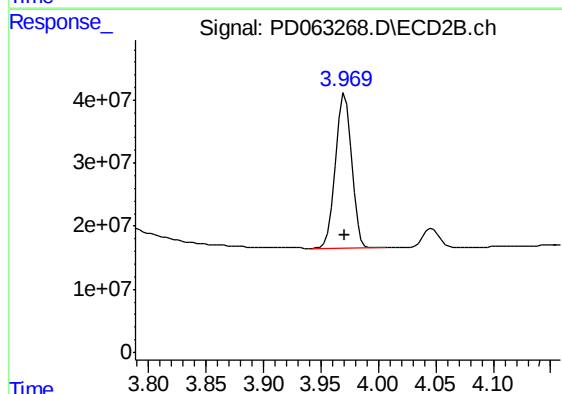




#1 Tetrachloro-m-xylene

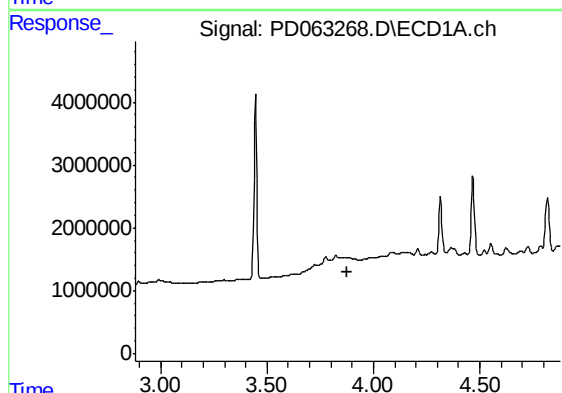
R.T.: 3.447 min  
Delta R.T.: 0.004 min  
Response: 26615766  
Conc: 24.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136454BS



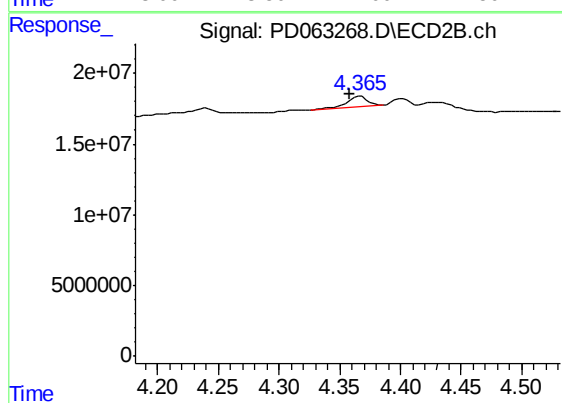
#1 Tetrachloro-m-xylene

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 243061347  
Conc: 20.97 ng/ml



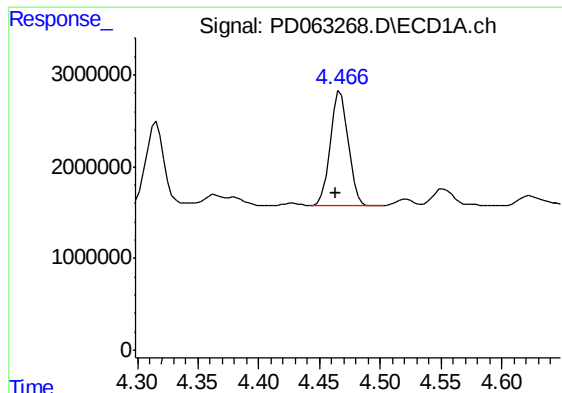
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.879 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

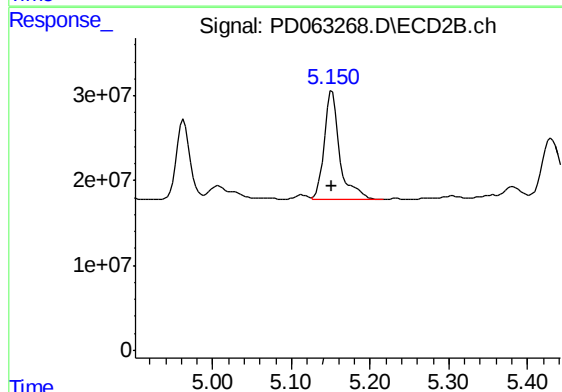
R.T.: 4.367 min  
Delta R.T.: 0.009 min  
Response: 8559581  
Conc: 0.44 ng/ml



#4 Heptachlor

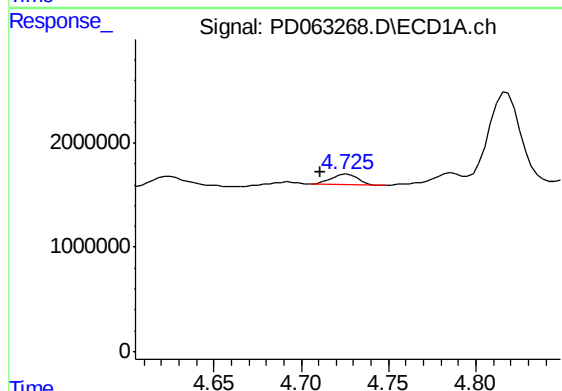
R.T.: 4.467 min  
Delta R.T.: 0.004 min  
Response: 12906731  
Conc: 8.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136454BS



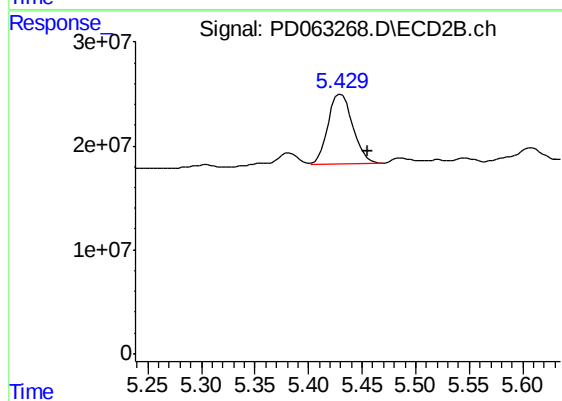
#4 Heptachlor

R.T.: 5.151 min  
Delta R.T.: 0.000 min  
Response: 176179911  
Conc: 10.63 ng/ml



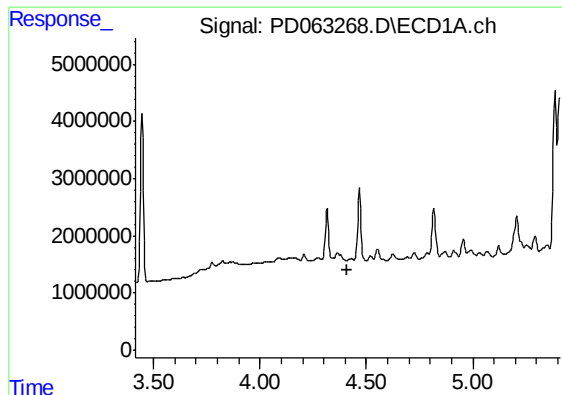
#5 Aldrin

R.T.: 4.726 min  
Delta R.T.: 0.015 min  
Response: 1148755  
Conc: 0.75 ng/ml



#5 Aldrin

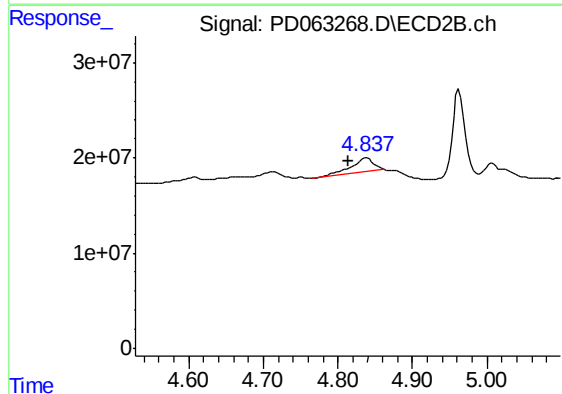
R.T.: 5.430 min  
Delta R.T.: -0.025 min  
Response: 108656560  
Conc: 6.51 ng/ml



#6 beta-BHC

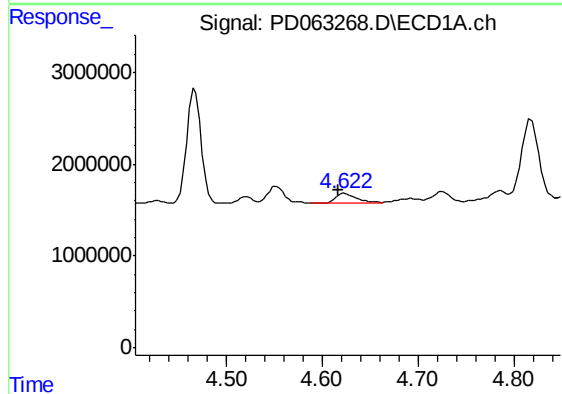
R.T.: 4.379 min  
Delta R.T.: -0.034 min  
Response: 394735  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB136454BS



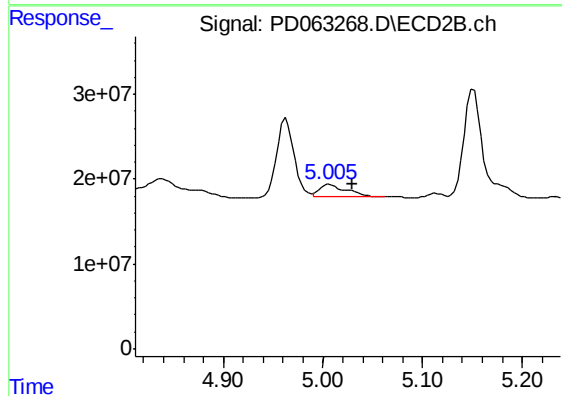
#6 beta-BHC

R.T.: 4.838 min  
Delta R.T.: 0.025 min  
Response: 29298841  
Conc: 3.95 ng/ml



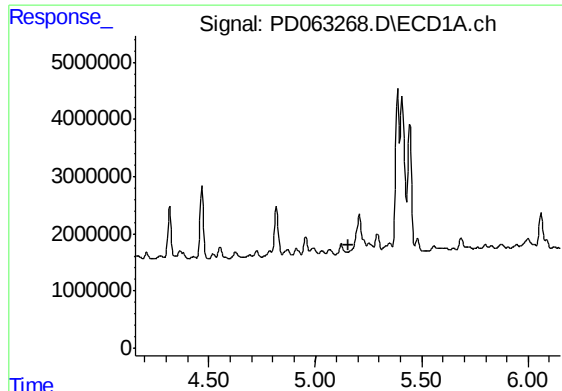
#7 delta-BHC

R.T.: 4.624 min  
Delta R.T.: 0.006 min  
Response: 1406155  
Conc: 0.85 ng/ml



#7 delta-BHC

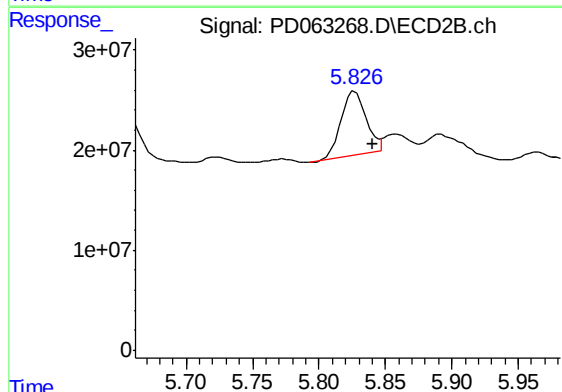
R.T.: 5.007 min  
Delta R.T.: -0.024 min  
Response: 29278055  
Conc: 2.10 ng/ml



#8 Heptachlor epoxide

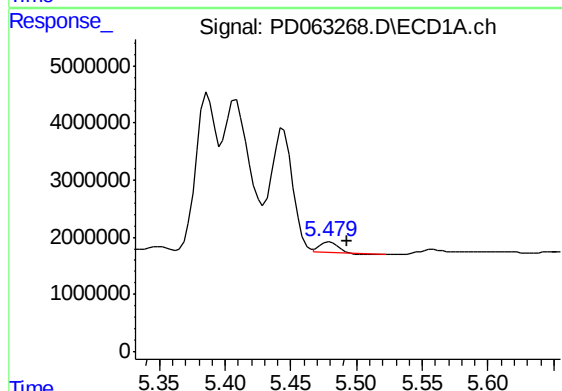
R.T.: 0.000 min  
Exp R.T.: 5.154 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB136454BS



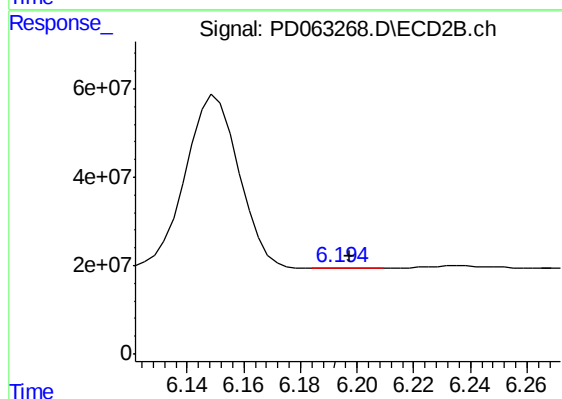
#8 Heptachlor epoxide

R.T.: 5.827 min  
Delta R.T.: -0.014 min  
Response: 84821120  
Conc: 5.55 ng/ml



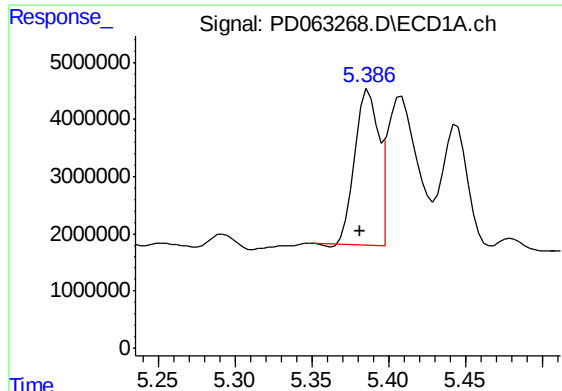
#9 Endosulfan I

R.T.: 5.480 min  
Delta R.T.: -0.013 min  
Response: 1781239  
Conc: 1.31 ng/ml



#9 Endosulfan I

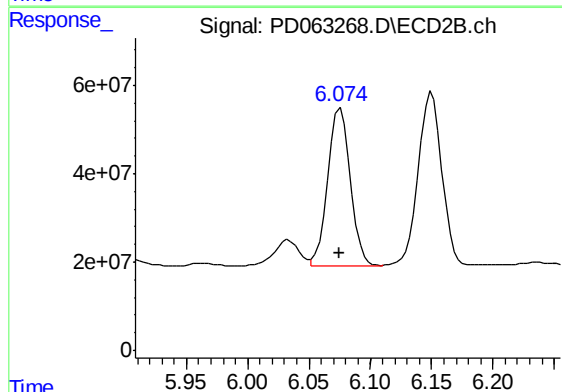
R.T.: 6.195 min  
Delta R.T.: -0.003 min  
Response: 2498125  
Conc: 0.18 ng/ml



#10 gamma-Chlordane

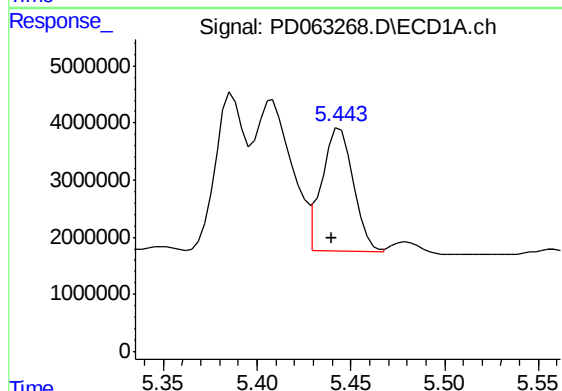
R.T.: 5.387 min  
Delta R.T.: 0.006 min  
Response: 28507557  
Conc: 19.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136454BS



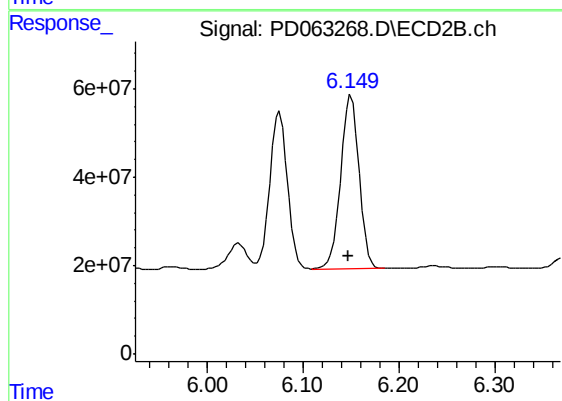
#10 gamma-Chlordane

R.T.: 6.076 min  
Delta R.T.: 0.001 min  
Response: 455484565  
Conc: 29.22 ng/ml



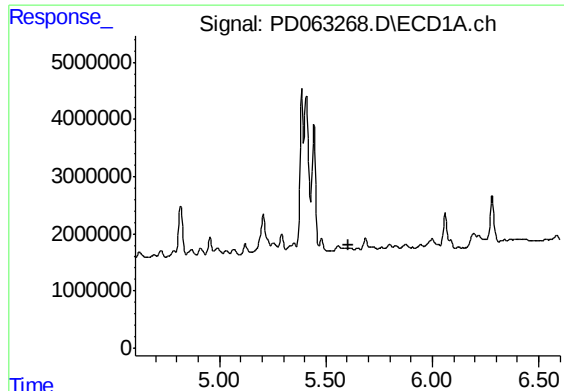
#11 alpha-Chlordane

R.T.: 5.444 min  
Delta R.T.: 0.004 min  
Response: 25091498  
Conc: 17.38 ng/ml



#11 alpha-Chlordane

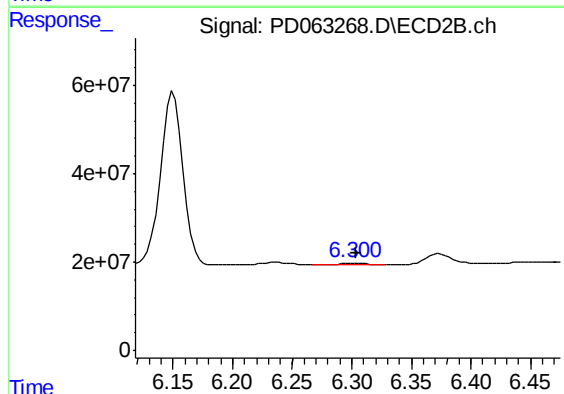
R.T.: 6.150 min  
Delta R.T.: 0.003 min  
Response: 524692856  
Conc: 35.41 ng/ml



#12 4,4'-DDE

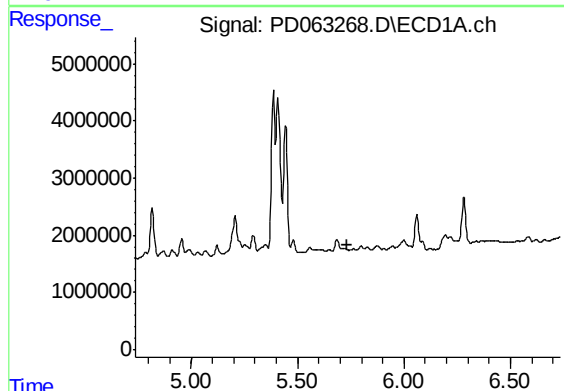
R.T.: 0.000 min  
Exp R.T.: 5.604 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB136454BS



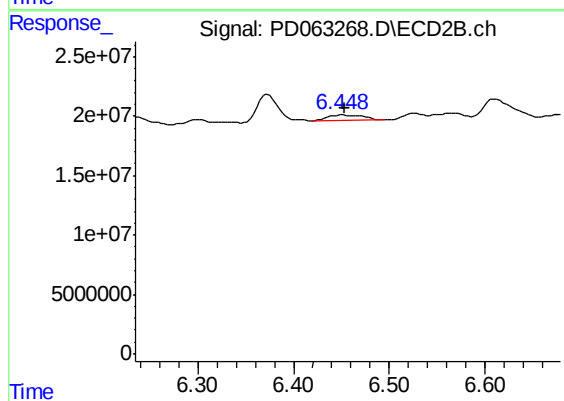
#12 4,4'-DDE

R.T.: 6.301 min  
Delta R.T.: -0.003 min  
Response: 4648273  
Conc: 0.31 ng/ml



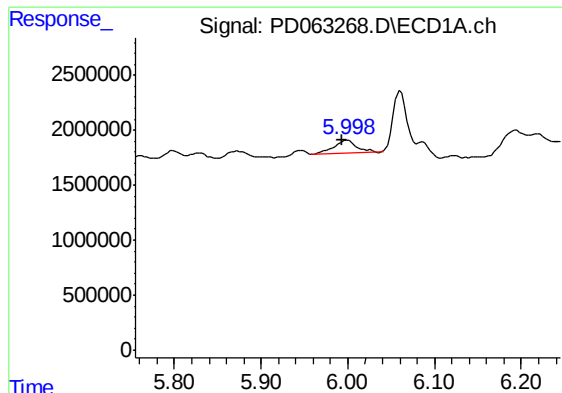
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T.: 5.737 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

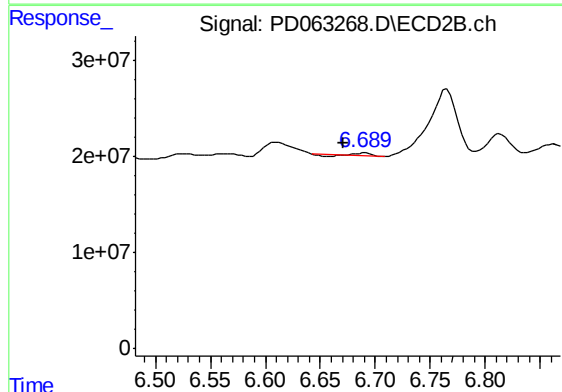
R.T.: 6.451 min  
Delta R.T.: -0.003 min  
Response: 12310429  
Conc: 0.81 ng/ml



#14 Endrin

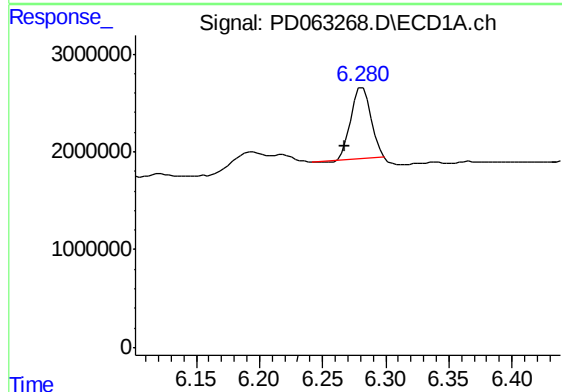
R.T.: 6.000 min  
Delta R.T.: 0.006 min  
Response: 2039762  
Conc: 1.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136454BS



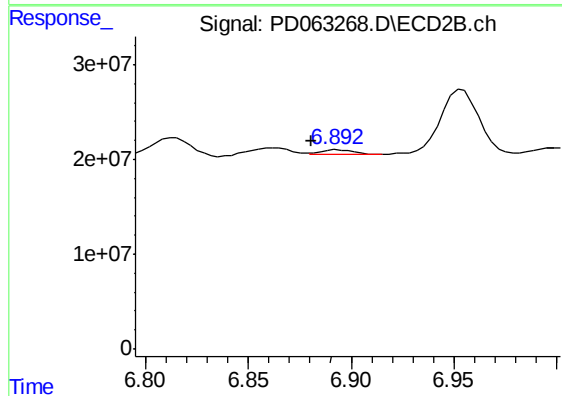
#14 Endrin

R.T.: 6.690 min  
Delta R.T.: 0.019 min  
Response: 1747008  
Conc: 0.14 ng/ml



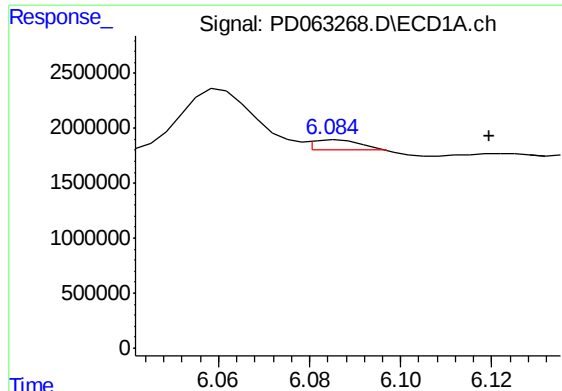
#15 Endosulfan II

R.T.: 6.282 min  
Delta R.T.: 0.014 min  
Response: 8006609  
Conc: 6.44 ng/ml



#15 Endosulfan II

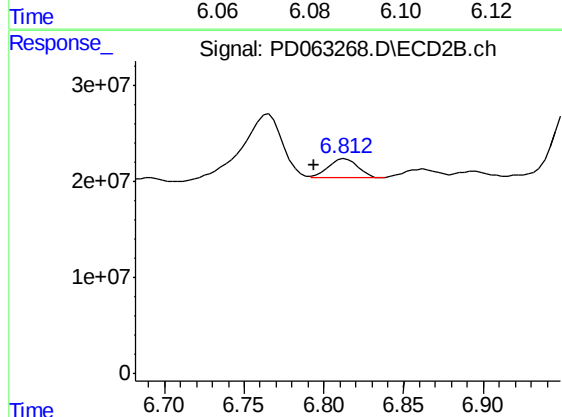
R.T.: 6.894 min  
Delta R.T.: 0.013 min  
Response: 4912232  
Conc: 0.41 ng/ml



#16 4,4'-DDD

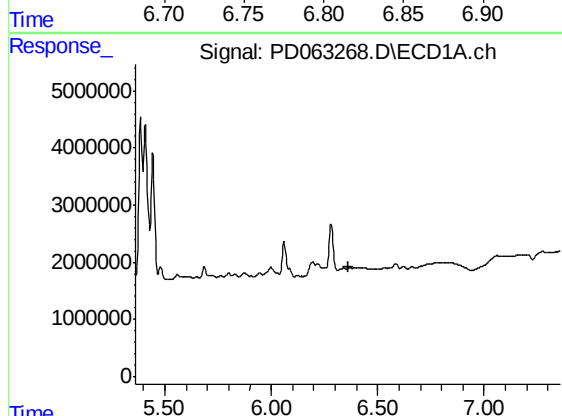
R.T.: 6.086 min  
Delta R.T.: -0.034 min  
Response: 590564  
Conc: 0.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136454BS



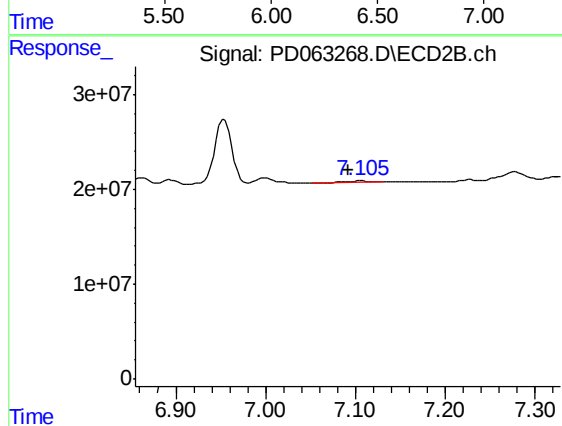
#16 4,4'-DDD

R.T.: 6.814 min  
Delta R.T.: 0.020 min  
Response: 26311765  
Conc: 2.17 ng/ml



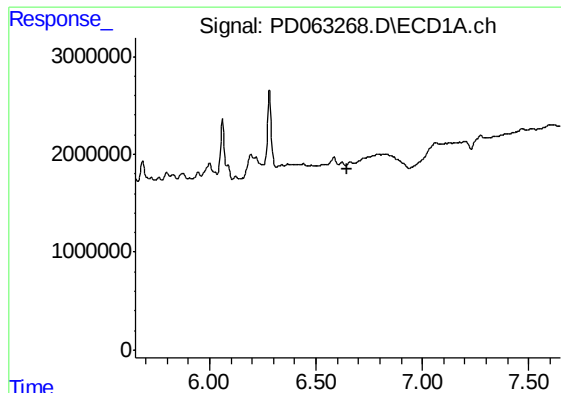
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.361 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

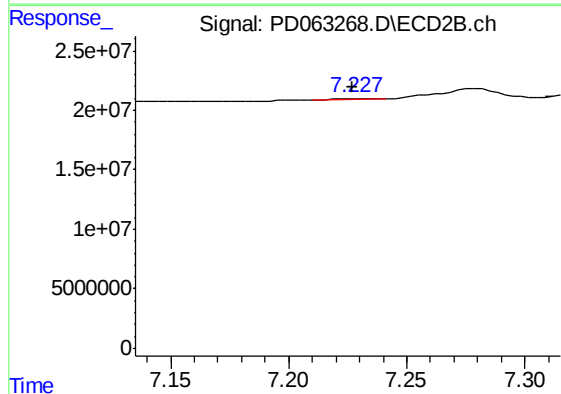
R.T.: 7.106 min  
Delta R.T.: 0.014 min  
Response: 1639502  
Conc: 0.15 ng/ml



#19 Endosulfan Sulfate

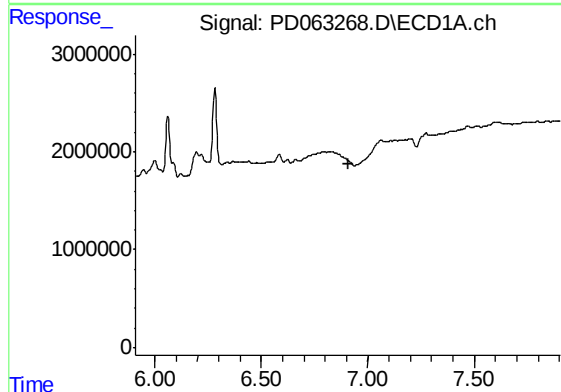
R.T.: 0.000 min  
Exp R.T. : 6.649 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB136454BS



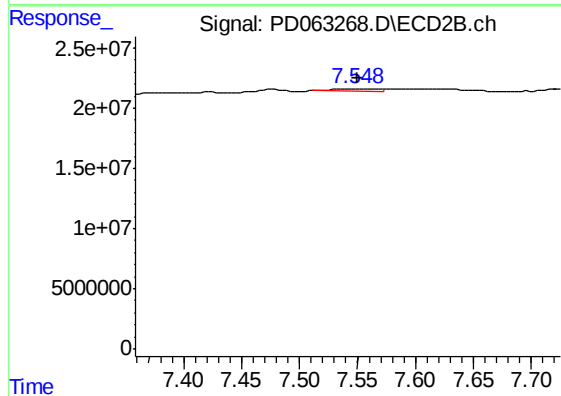
#19 Endosulfan Sulfate

R.T.: 7.229 min  
Delta R.T.: 0.002 min  
Response: 935958  
Conc: 0.08 ng/ml



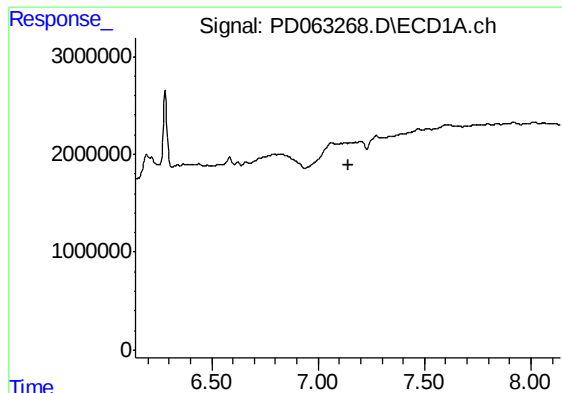
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.908 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

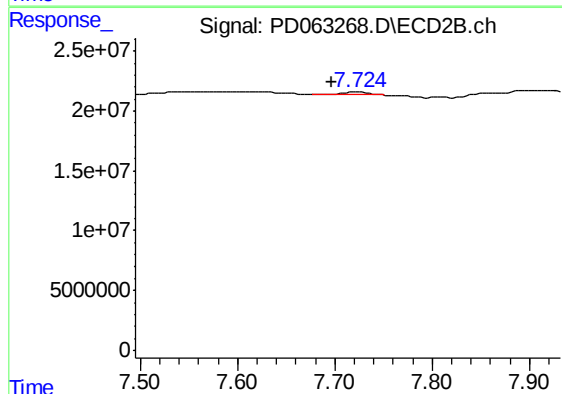
R.T.: 7.549 min  
Delta R.T.: -0.001 min  
Response: 5006793  
Conc: 0.87 ng/ml



#21 Endrin ketone

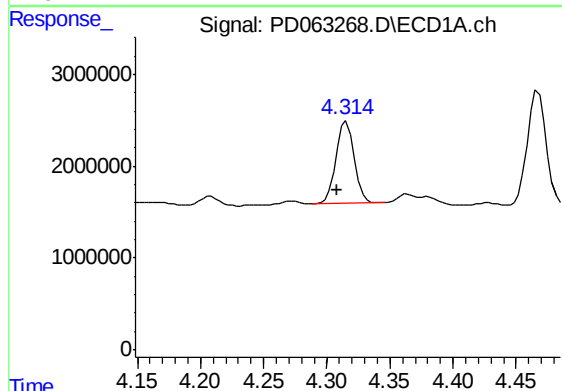
R.T.: 0.000 min  
Exp R.T.: 7.141 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB136454BS



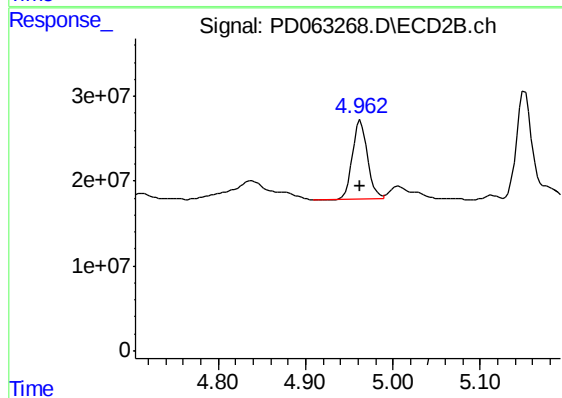
#21 Endrin ketone

R.T.: 7.724 min  
Delta R.T.: 0.027 min  
Response: 4711242  
Conc: 0.39 ng/ml



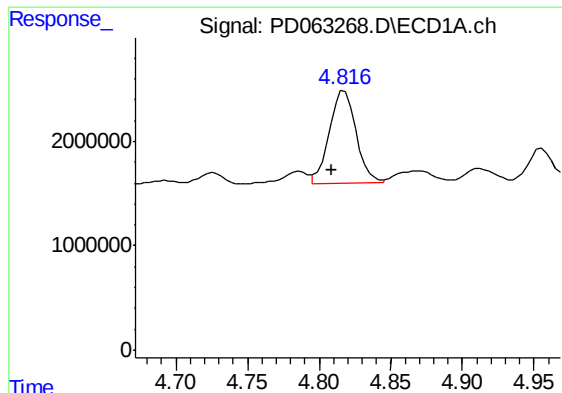
#23 Chlordane-1

R.T.: 4.316 min  
Delta R.T.: 0.007 min  
Response: 9121078  
Conc: 195.89 ng/ml



#23 Chlordane-1

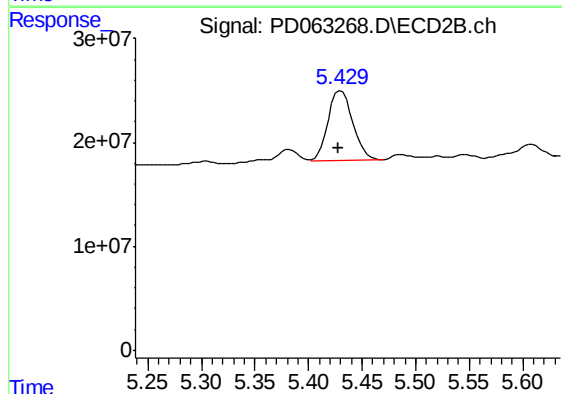
R.T.: 4.963 min  
Delta R.T.: 0.001 min  
Response: 112538908  
Conc: 194.01 ng/ml



#24 Chlordane-2

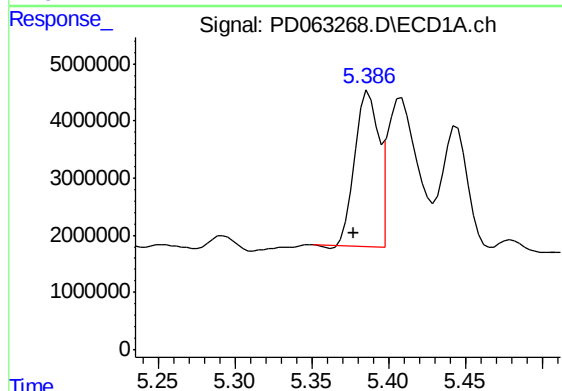
R.T.: 4.818 min  
Delta R.T.: 0.009 min  
Response: 11494889  
Conc: 202.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136454BS



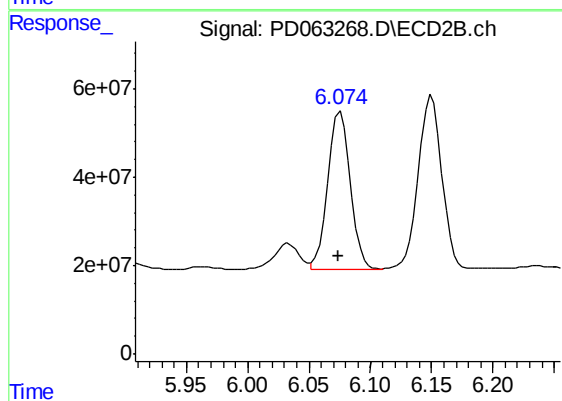
#24 Chlordane-2

R.T.: 5.430 min  
Delta R.T.: 0.002 min  
Response: 108656560  
Conc: 192.09 ng/ml



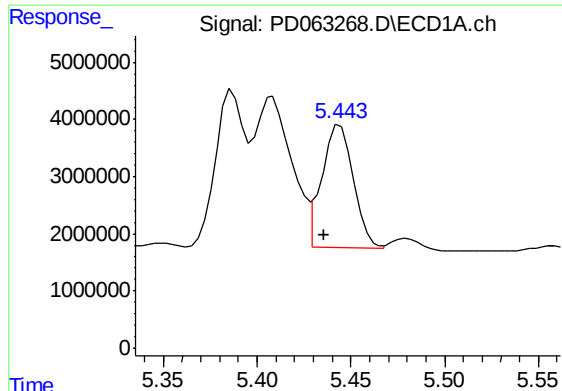
#25 Chlordane-3

R.T.: 5.387 min  
Delta R.T.: 0.010 min  
Response: 28507557  
Conc: 172.92 ng/ml



#25 Chlordane-3

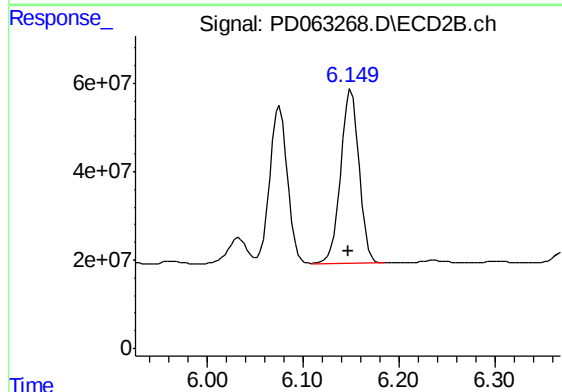
R.T.: 6.076 min  
Delta R.T.: 0.002 min  
Response: 455484565  
Conc: 192.86 ng/ml



#26 Chlordane-4

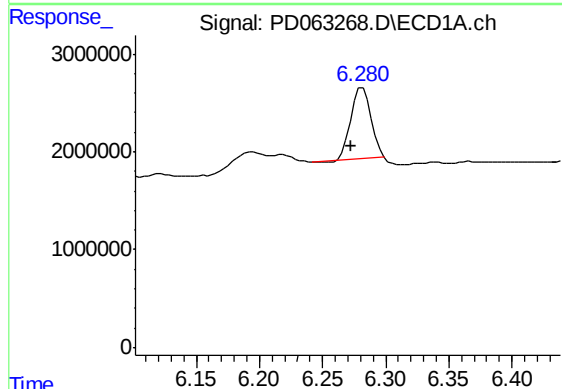
R.T.: 5.444 min  
Delta R.T.: 0.009 min  
Response: 25091498  
Conc: 185.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136454BS



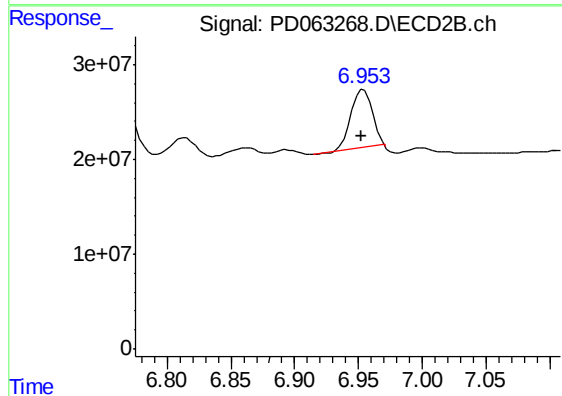
#26 Chlordane-4

R.T.: 6.150 min  
Delta R.T.: 0.002 min  
Response: 524692856  
Conc: 194.02 ng/ml



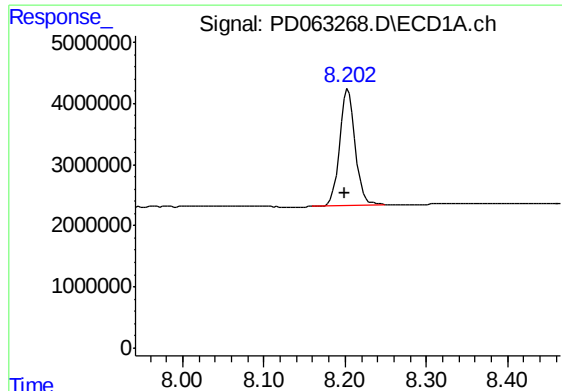
#27 Chlordane-5

R.T.: 6.282 min  
Delta R.T.: 0.009 min  
Response: 8006609  
Conc: 160.60 ng/ml



#27 Chlordane-5

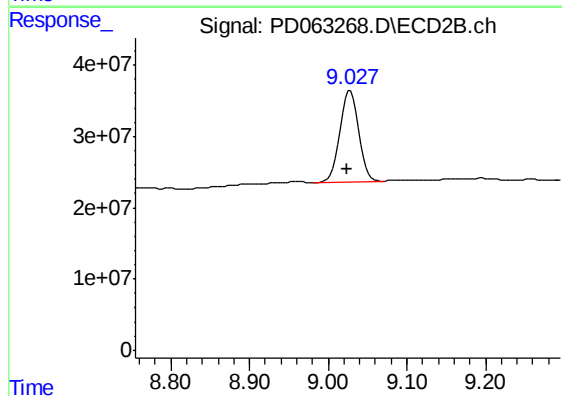
R.T.: 6.954 min  
Delta R.T.: 0.002 min  
Response: 69575884  
Conc: 155.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.204 min  
Delta R.T.: 0.005 min  
Response: 25606921  
Conc: 20.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136454BS



#28 Decachlorobiphenyl

R.T.: 9.028 min  
Delta R.T.: 0.003 min  
Response: 216801129  
Conc: 21.25 ng/ml