

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD103018\  
 Data File : PD050117.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 30 Oct 2018 9:34  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 30 09:52:18 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD103018.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 30 03:08:01 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 4.233 | 4.061 | 32883746 | 1435.4E6 | 52.454   | 51.541     |
| 2)                          | SA Decachlor... | 9.018 | 9.170 | 29684360 | 853.5E6  | 49.382   | 49.654     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.686 | 4.454 | 50246171 | 2225.9E6 | 52.853   | 50.799     |
| 3)                          | MA gamma-BHC... | 4.978 | 4.741 | 46618267 | 1988.9E6 | 51.322   | 50.902     |
| 4)                          | MA Heptachlor   | 5.291 | 5.254 | 44839371 | 1843.9E6 | 52.159   | 49.259     |
| 5)                          | MB Aldrin       | 5.550 | 5.561 | 43261695 | 1766.1E6 | 52.009   | 49.521     |
| 6)                          | B beta-BHC      | 5.217 | 4.908 | 19357739 | 814.2E6  | 51.116   | 50.938     |
| 7)                          | B delta-BHC     | 5.437 | 5.128 | 45618129 | 1911.9E6 | 52.323   | 49.937     |
| 8)                          | B Heptachlo...  | 5.991 | 5.949 | 40948851 | 1690.0E6 | 51.784   | 53.223     |
| 9)                          | A Endosulfan I  | 6.336 | 6.308 | 38446679 | 1410.7E6 | 51.399   | 49.890     |
| 10)                         | B gamma-Chl...  | 6.215 | 6.183 | 42505490 | 1732.5E6 | 51.427   | 53.446     |
| 11)                         | B alpha-Chl...  | 6.274 | 6.257 | 41811744 | 1581.5E6 | 51.039   | 51.044     |
| 12)                         | B 4,4'-DDE      | 6.418 | 6.412 | 37250416 | 1468.4E6 | 48.700   | 49.268     |
| 13)                         | MA Dieldrin     | 6.577 | 6.566 | 41812129 | 1508.6E6 | 51.756   | 49.796     |
| 14)                         | MA Endrin       | 6.837 | 6.784 | 35567508 | 1131.3E6 | 50.653   | 47.760     |
| 15)                         | B Endosulfa...  | 7.100 | 6.993 | 37228555 | 1225.2E6 | 50.803   | 50.678     |
| 16)                         | A 4,4'-DDD      | 6.929 | 6.902 | 32342109 | 1149.7E6 | 52.254   | 50.176     |
| 17)                         | MA 4,4'-DDT     | 7.169 | 7.203 | 32477233 | 987.7E6  | 52.920   | 53.360     |
| 18)                         | B Endrin al...  | 7.264 | 7.117 | 28678228 | 978.1E6  | 51.460   | 50.609     |
| 19)                         | B Endosulfa...  | 7.471 | 7.340 | 33490268 | 1101.5E6 | 51.213   | 50.446     |
| 20)                         | A Methoxychlor  | 7.694 | 7.659 | 16057116 | 466.1E6  | 51.167   | 51.965     |
| 21)                         | B Endrin ke...  | 7.967 | 7.813 | 37874883 | 1029.4E6 | 51.075   | 51.027     |
| 23)                         | Chlordane-1     | 5.156 | 5.128 | 978821   | 1911.9E6 | 33.390   | 1371.292 # |
| 24)                         | Chlordane-2     | 0.000 | 5.510 | 0        | 2172871  | N.D.     | 1.767 #    |
| 25)                         | Chlordane-3     | 6.215 | 6.183 | 42505490 | 1732.5E6 | 484.317  | 415.419    |
| 26)                         | Chlordane-4     | 6.274 | 6.257 | 41811744 | 1581.5E6 | 577.140  | 337.462 #  |
| 27)                         | Chlordane-5     | 7.100 | 7.117 | 37228555 | 978.1E6  | 1223.337 | 1055.784   |
| -----                       |                 |       |       |          |          |          |            |

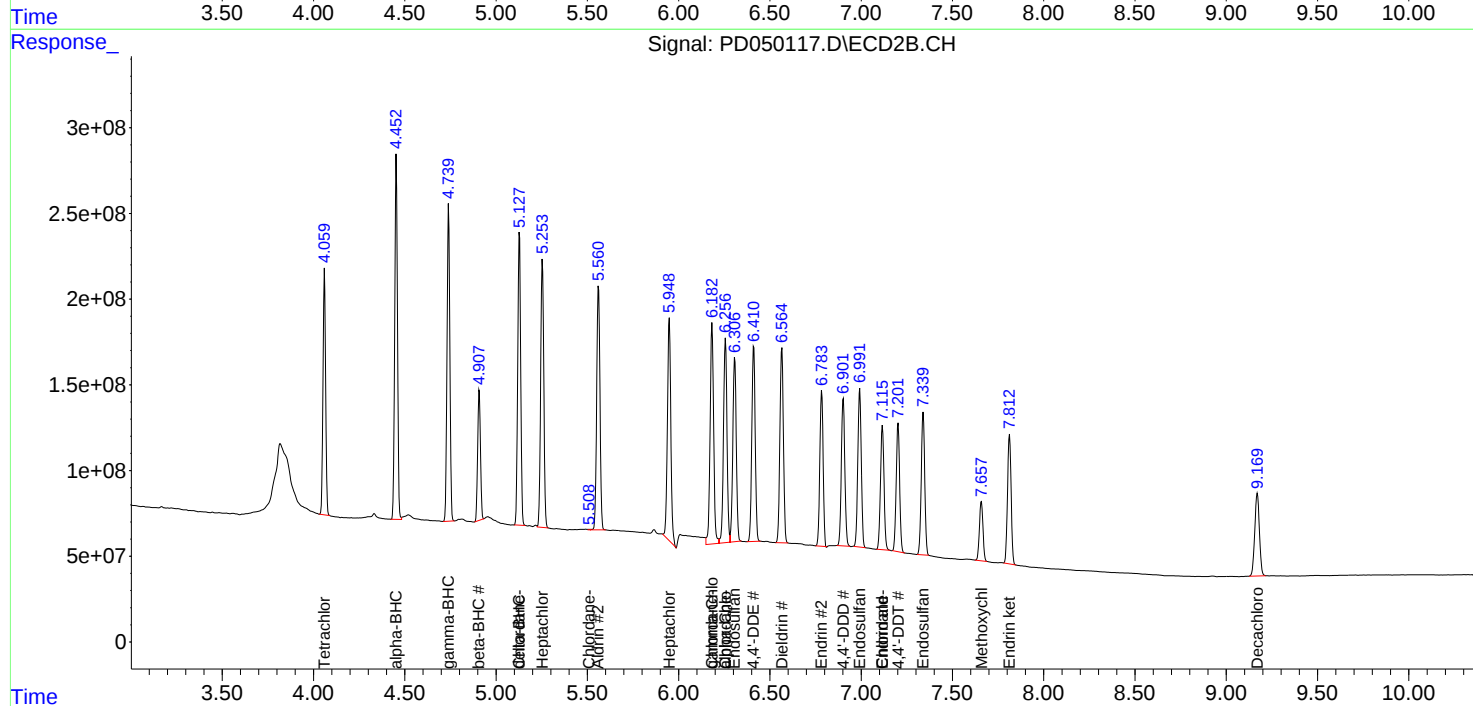
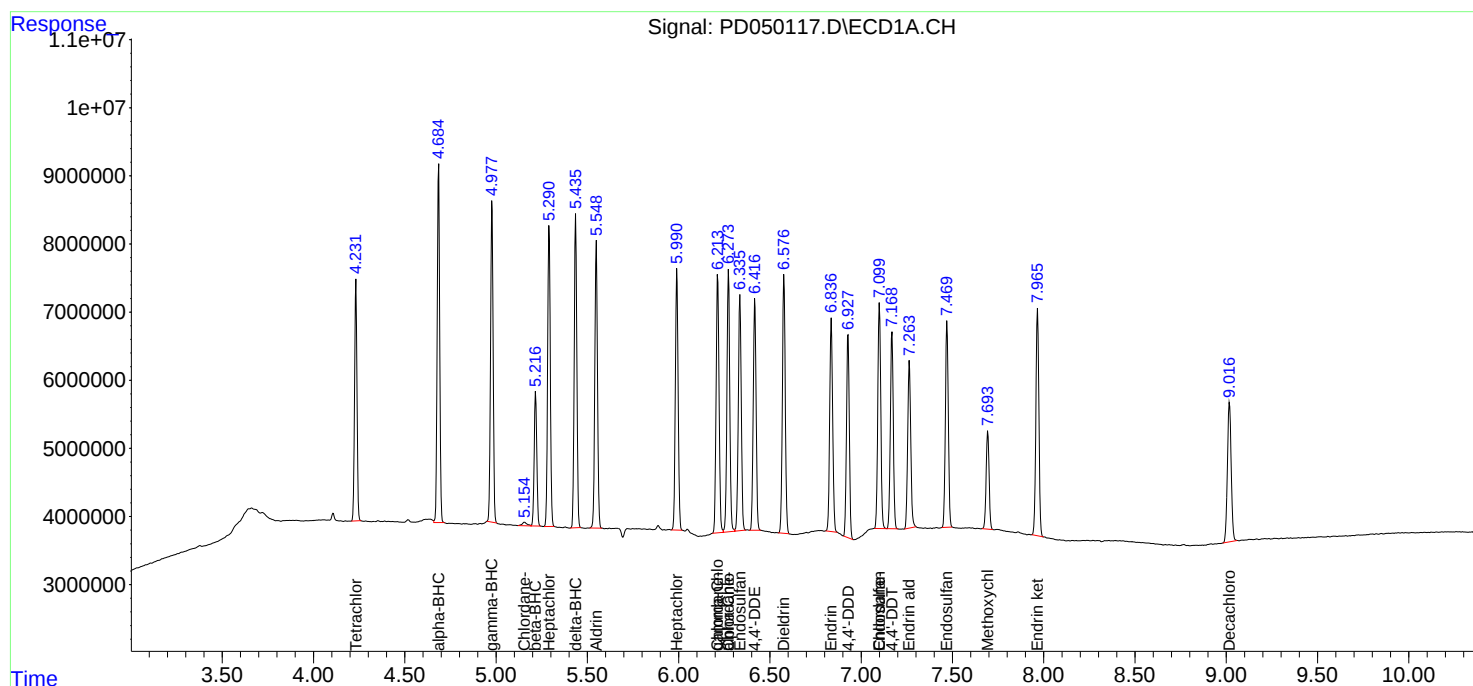
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

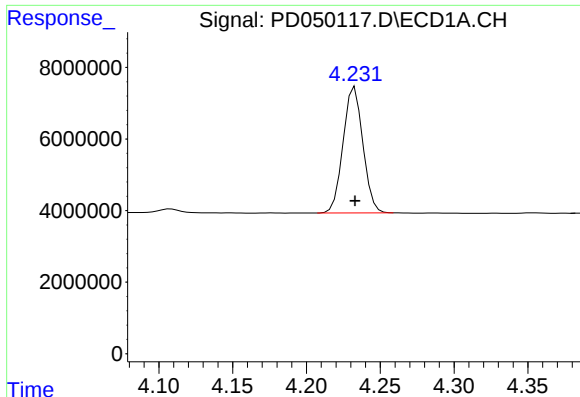
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD103018\  
Data File : PD050117.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 30 Oct 2018 9:34  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 30 09:52:18 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD103018.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 30 03:08:01 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

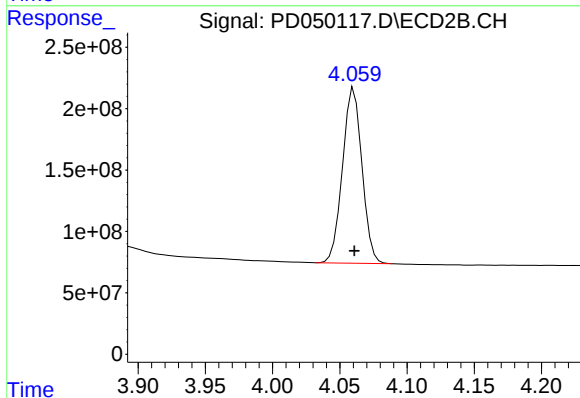




#1 Tetrachloro-m-xylene

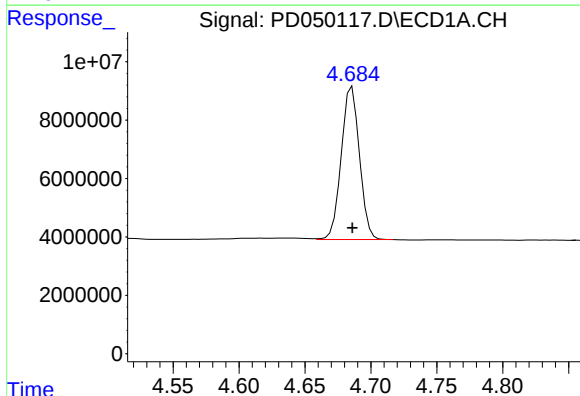
R.T.: 4.233 min  
Delta R.T.: 0.000 min  
Response: 32883746  
Conc: 52.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



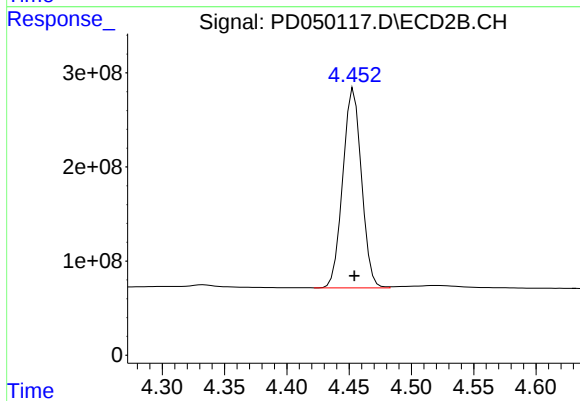
#1 Tetrachloro-m-xylene

R.T.: 4.061 min  
Delta R.T.: 0.000 min  
Response: 1435404078  
Conc: 51.54 ng/ml



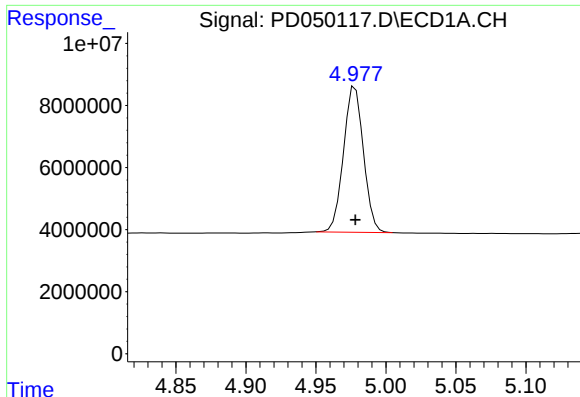
#2 alpha-BHC

R.T.: 4.686 min  
Delta R.T.: 0.000 min  
Response: 50246171  
Conc: 52.85 ng/ml



#2 alpha-BHC

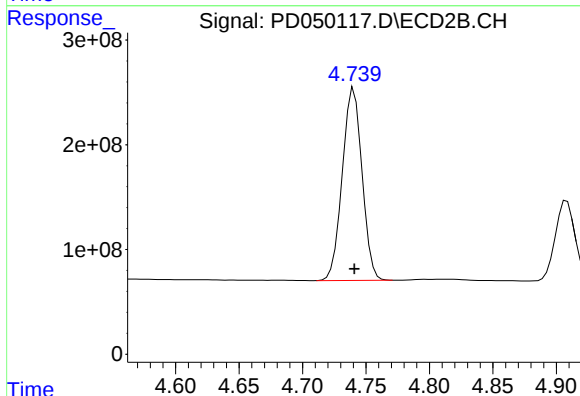
R.T.: 4.454 min  
Delta R.T.: 0.000 min  
Response: 2225922599  
Conc: 50.80 ng/ml



#3 gamma-BHC (Lindane)

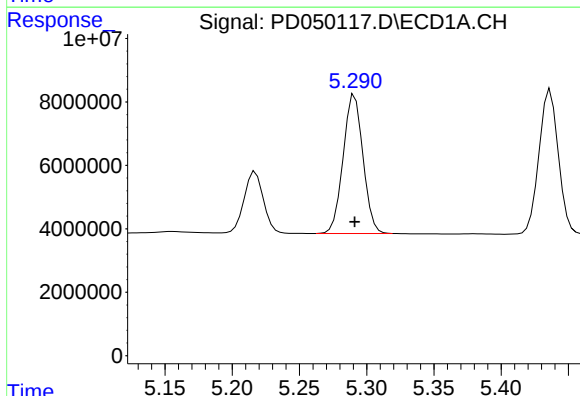
R.T.: 4.978 min  
Delta R.T.: 0.000 min  
Response: 46618267  
Conc: 51.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



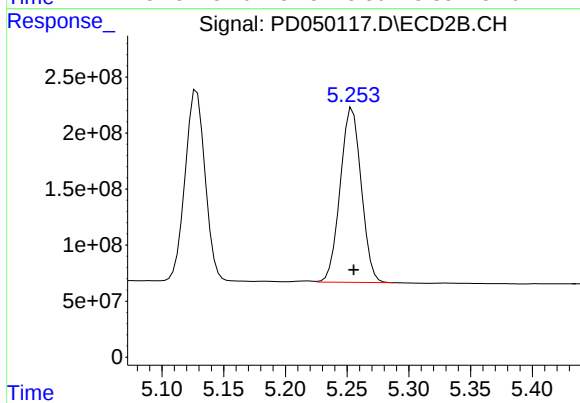
#3 gamma-BHC (Lindane)

R.T.: 4.741 min  
Delta R.T.: 0.000 min  
Response: 1988854572  
Conc: 50.90 ng/ml



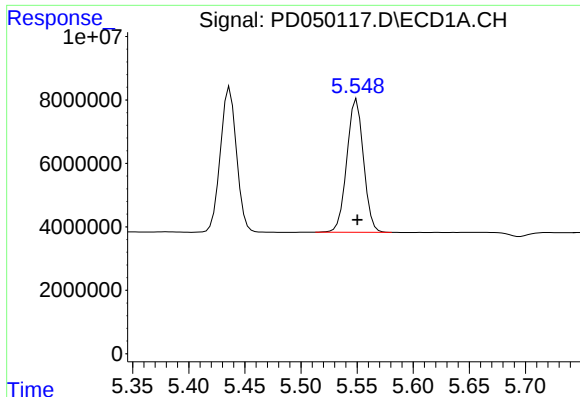
#4 Heptachlor

R.T.: 5.291 min  
Delta R.T.: 0.000 min  
Response: 44839371  
Conc: 52.16 ng/ml



#4 Heptachlor

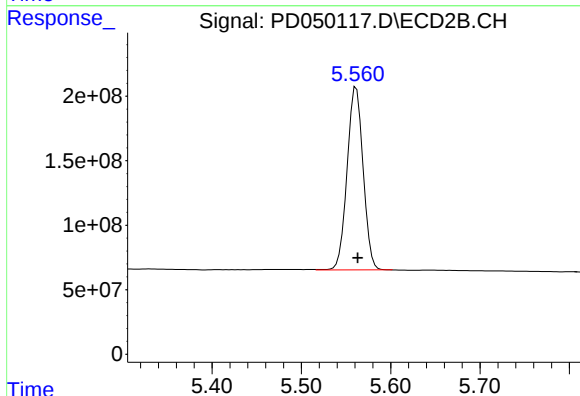
R.T.: 5.254 min  
Delta R.T.: -0.001 min  
Response: 1843935598  
Conc: 49.26 ng/ml



#5 Aldrin

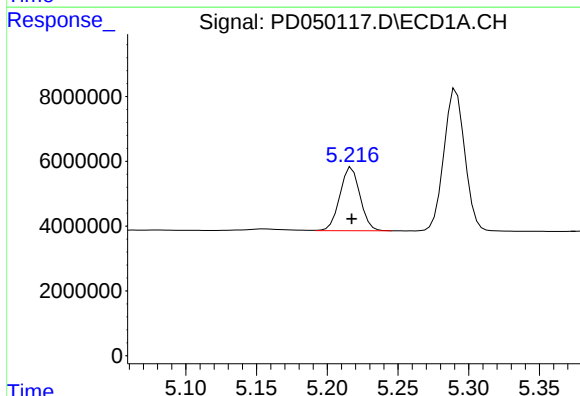
R.T.: 5.550 min  
Delta R.T.: 0.000 min  
Response: 43261695  
Conc: 52.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



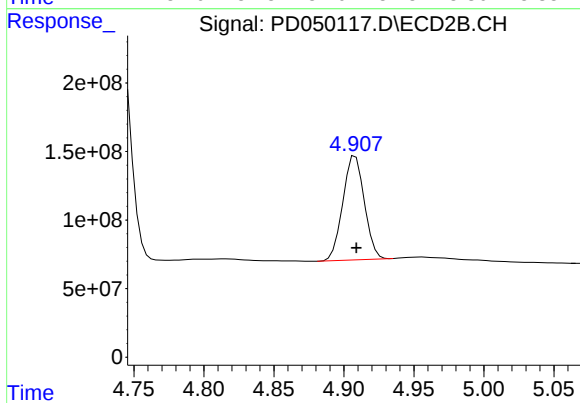
#5 Aldrin

R.T.: 5.561 min  
Delta R.T.: -0.002 min  
Response: 1766050146  
Conc: 49.52 ng/ml



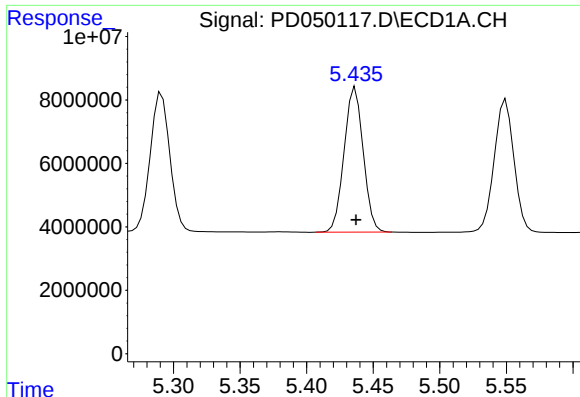
#6 beta-BHC

R.T.: 5.217 min  
Delta R.T.: 0.000 min  
Response: 19357739  
Conc: 51.12 ng/ml



#6 beta-BHC

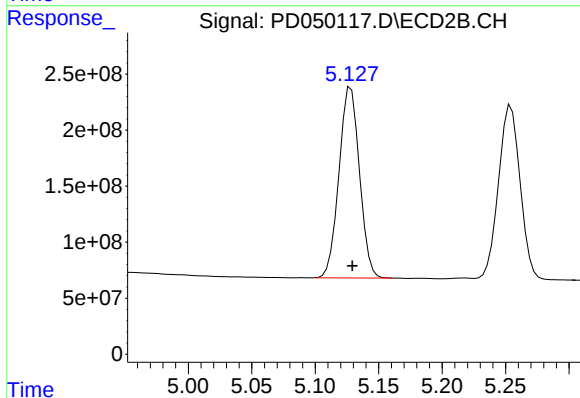
R.T.: 4.908 min  
Delta R.T.: 0.000 min  
Response: 814247536  
Conc: 50.94 ng/ml



#7 delta-BHC

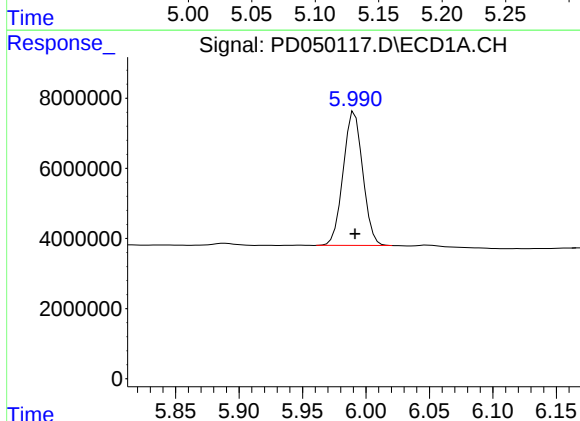
R.T.: 5.437 min  
Delta R.T.: 0.000 min  
Response: 45618129  
Conc: 52.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



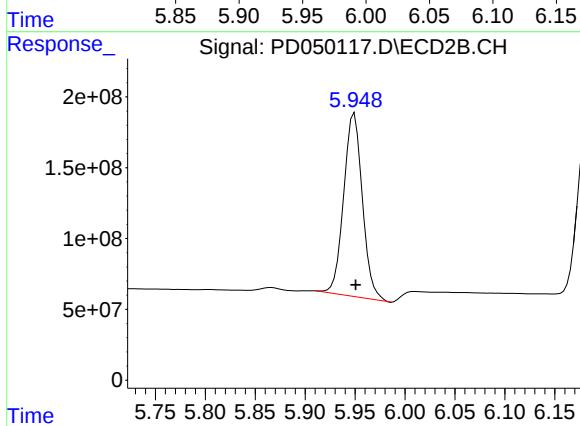
#7 delta-BHC

R.T.: 5.128 min  
Delta R.T.: -0.001 min  
Response: 1911887927  
Conc: 49.94 ng/ml



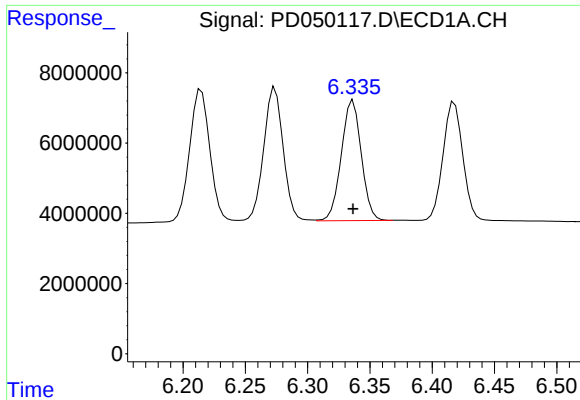
#8 Heptachlor epoxide

R.T.: 5.991 min  
Delta R.T.: 0.000 min  
Response: 40948851  
Conc: 51.78 ng/ml



#8 Heptachlor epoxide

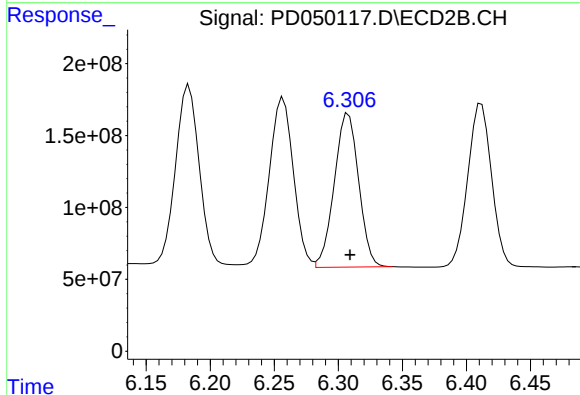
R.T.: 5.949 min  
Delta R.T.: -0.001 min  
Response: 1690002800  
Conc: 53.22 ng/ml



#9 Endosulfan I

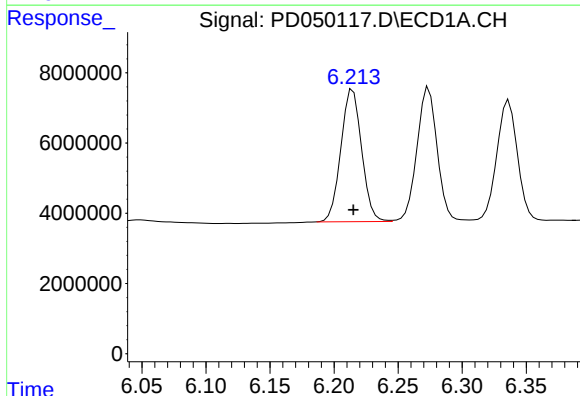
R.T.: 6.336 min  
Delta R.T.: 0.000 min  
Response: 38446679  
Conc: 51.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



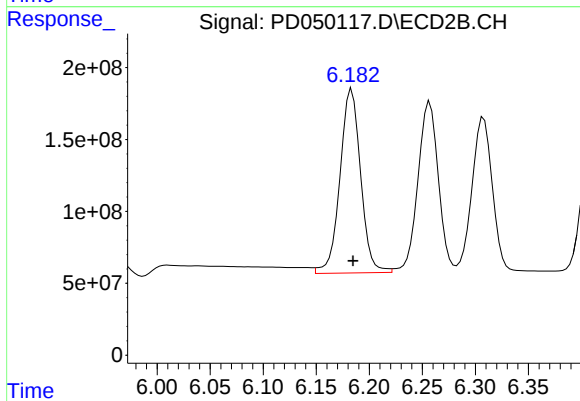
#9 Endosulfan I

R.T.: 6.308 min  
Delta R.T.: -0.001 min  
Response: 1410720874  
Conc: 49.89 ng/ml



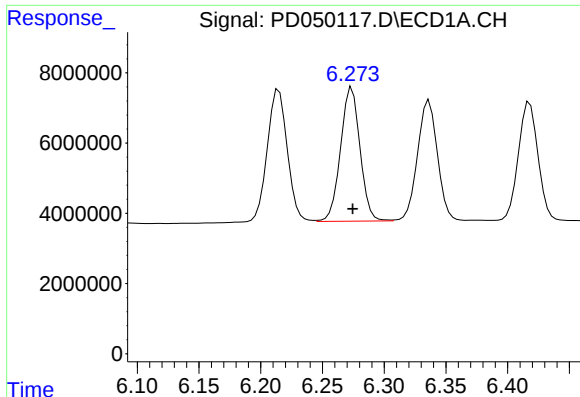
#10 gamma-Chlordane

R.T.: 6.215 min  
Delta R.T.: 0.000 min  
Response: 42505490  
Conc: 51.43 ng/ml



#10 gamma-Chlordane

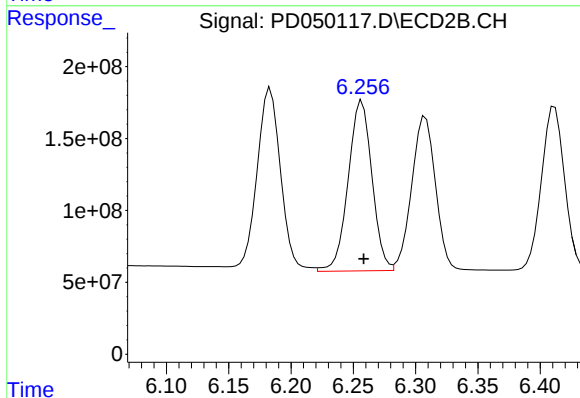
R.T.: 6.183 min  
Delta R.T.: -0.001 min  
Response: 1732484797  
Conc: 53.45 ng/ml



#11 alpha-Chlordane

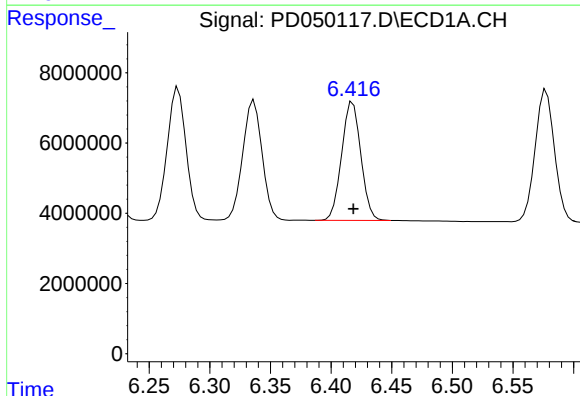
R.T.: 6.274 min  
Delta R.T.: 0.000 min  
Response: 41811744  
Conc: 51.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



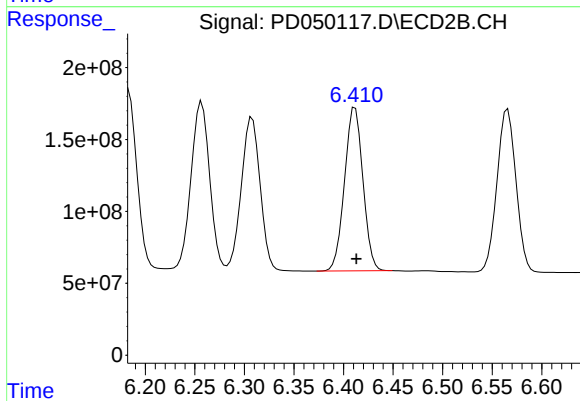
#11 alpha-Chlordane

R.T.: 6.257 min  
Delta R.T.: -0.001 min  
Response: 1581463766  
Conc: 51.04 ng/ml



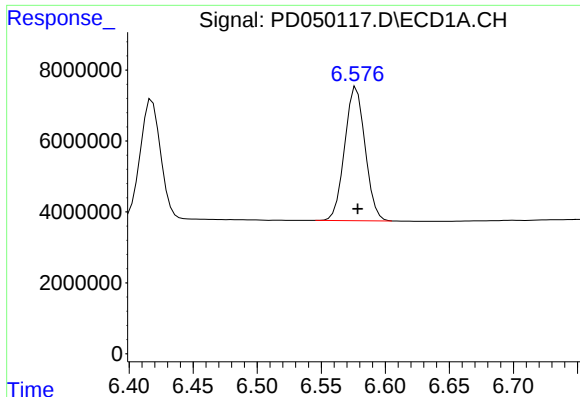
#12 4,4'-DDE

R.T.: 6.418 min  
Delta R.T.: 0.000 min  
Response: 37250416  
Conc: 48.70 ng/ml



#12 4,4'-DDE

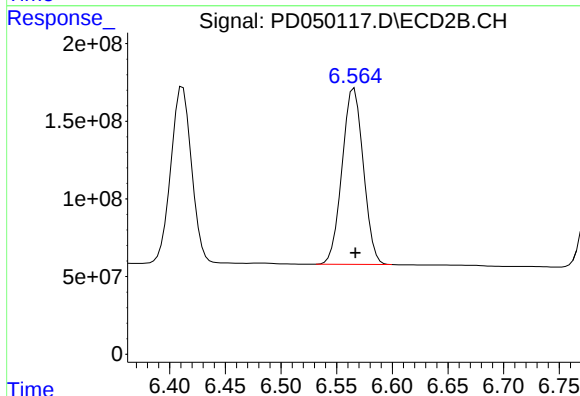
R.T.: 6.412 min  
Delta R.T.: -0.001 min  
Response: 1468449879  
Conc: 49.27 ng/ml



#13 Dieldrin

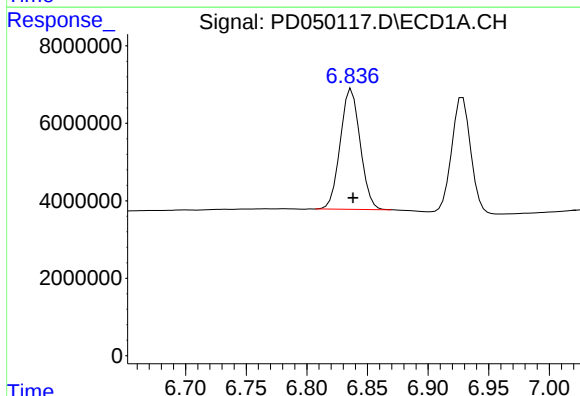
R.T.: 6.577 min  
Delta R.T.: -0.001 min  
Response: 41812129  
Conc: 51.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



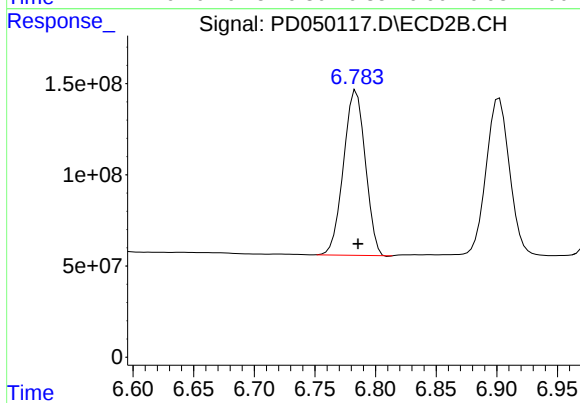
#13 Dieldrin

R.T.: 6.566 min  
Delta R.T.: -0.001 min  
Response: 1508615158  
Conc: 49.80 ng/ml



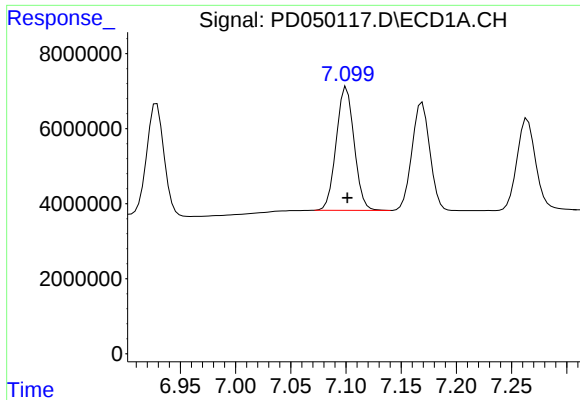
#14 Endrin

R.T.: 6.837 min  
Delta R.T.: -0.001 min  
Response: 35567508  
Conc: 50.65 ng/ml



#14 Endrin

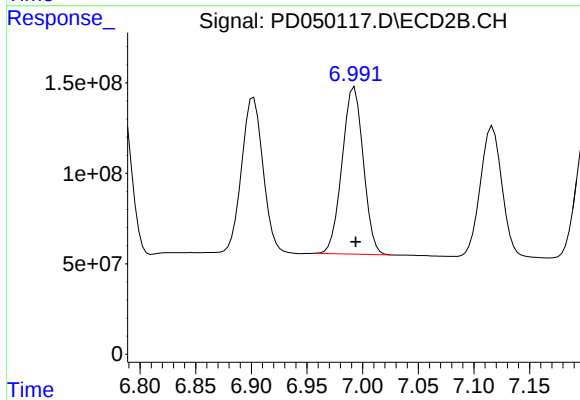
R.T.: 6.784 min  
Delta R.T.: -0.001 min  
Response: 1131295228  
Conc: 47.76 ng/ml



#15 Endosulfan II

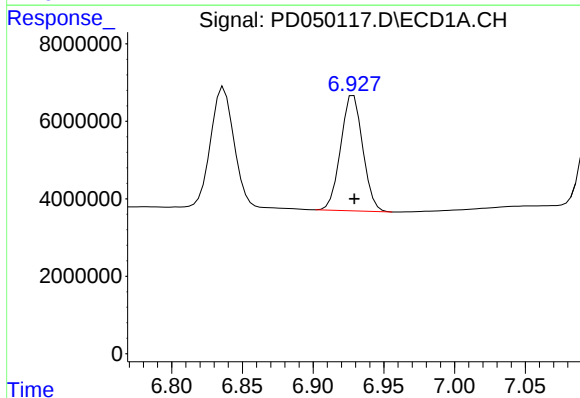
R.T.: 7.100 min  
Delta R.T.: 0.000 min  
Response: 37228555  
Conc: 50.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



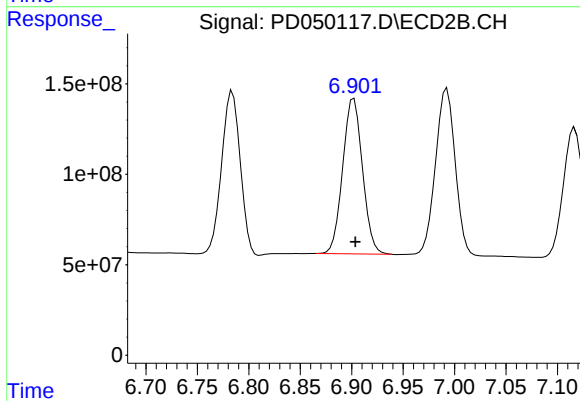
#15 Endosulfan II

R.T.: 6.993 min  
Delta R.T.: -0.001 min  
Response: 1225174171  
Conc: 50.68 ng/ml



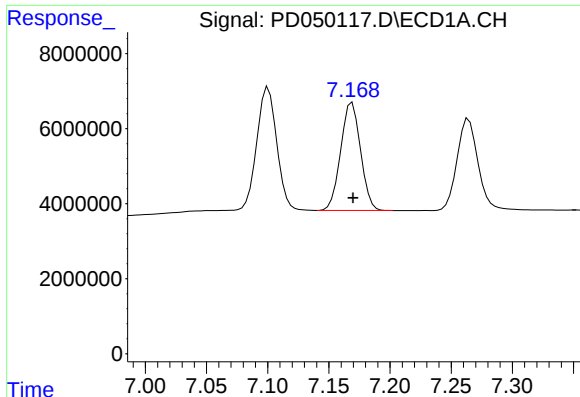
#16 4,4'-DDD

R.T.: 6.929 min  
Delta R.T.: 0.000 min  
Response: 32342109  
Conc: 52.25 ng/ml



#16 4,4'-DDD

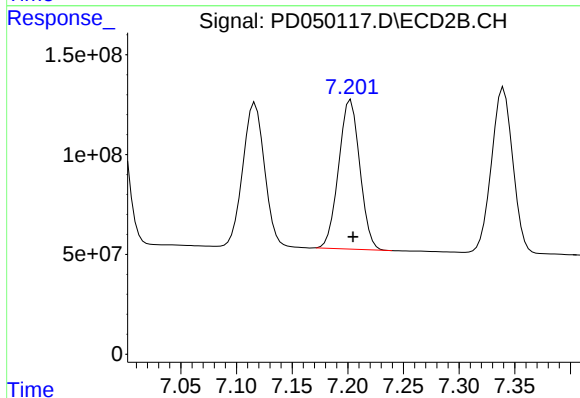
R.T.: 6.902 min  
Delta R.T.: -0.001 min  
Response: 1149664727  
Conc: 50.18 ng/ml



#17 4,4'-DDT

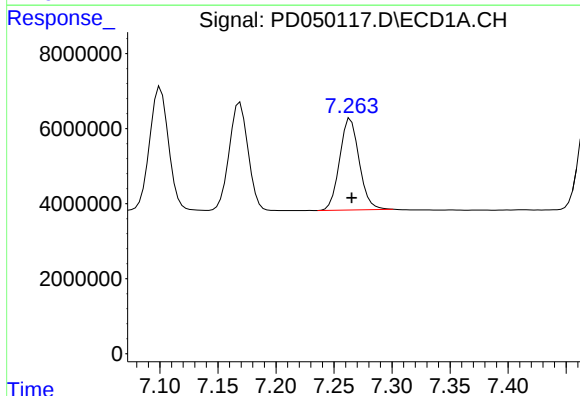
R.T.: 7.169 min  
Delta R.T.: 0.000 min  
Response: 32477233  
Conc: 52.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



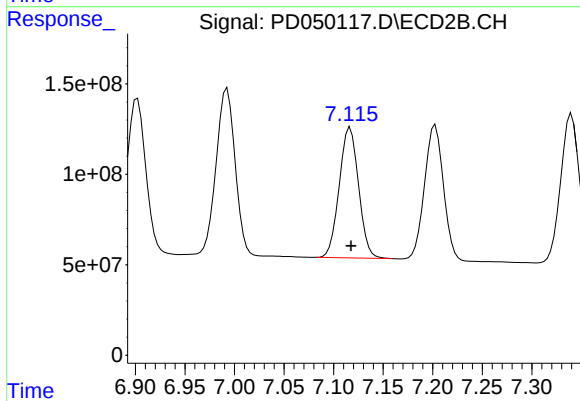
#17 4,4'-DDT

R.T.: 7.203 min  
Delta R.T.: -0.002 min  
Response: 987709960  
Conc: 53.36 ng/ml



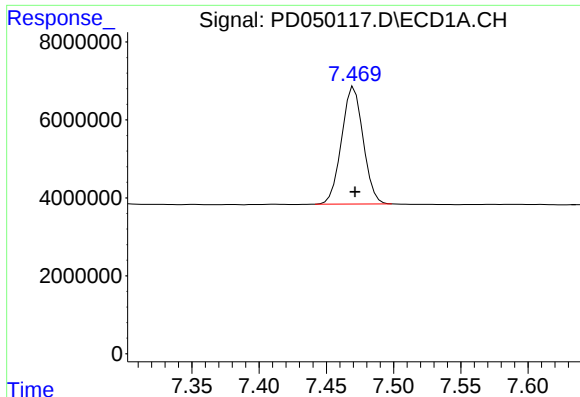
#18 Endrin aldehyde

R.T.: 7.264 min  
Delta R.T.: 0.000 min  
Response: 28678228  
Conc: 51.46 ng/ml



#18 Endrin aldehyde

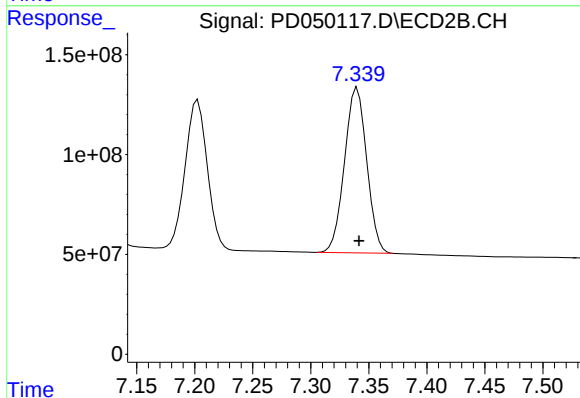
R.T.: 7.117 min  
Delta R.T.: 0.000 min  
Response: 978056051  
Conc: 50.61 ng/ml



#19 Endosulfan Sulfate

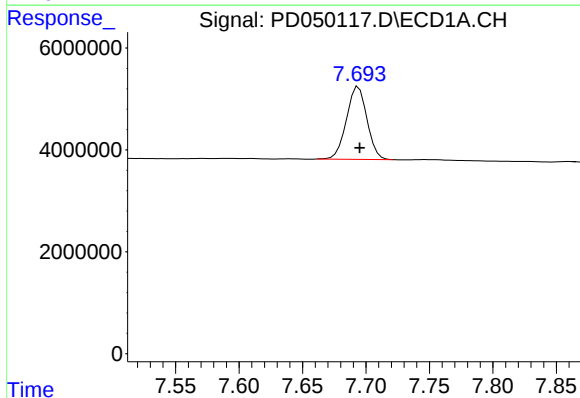
R.T.: 7.471 min  
Delta R.T.: 0.000 min  
Response: 33490268  
Conc: 51.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



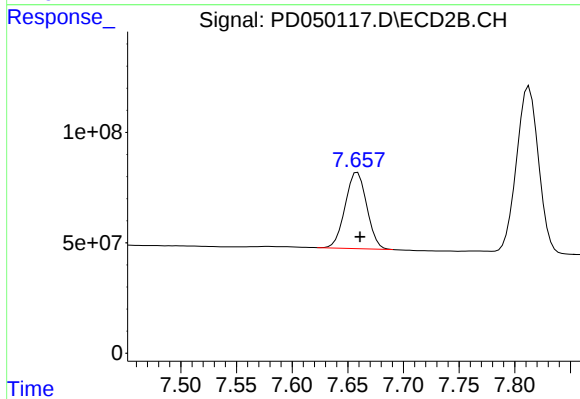
#19 Endosulfan Sulfate

R.T.: 7.340 min  
Delta R.T.: -0.002 min  
Response: 1101498243  
Conc: 50.45 ng/ml



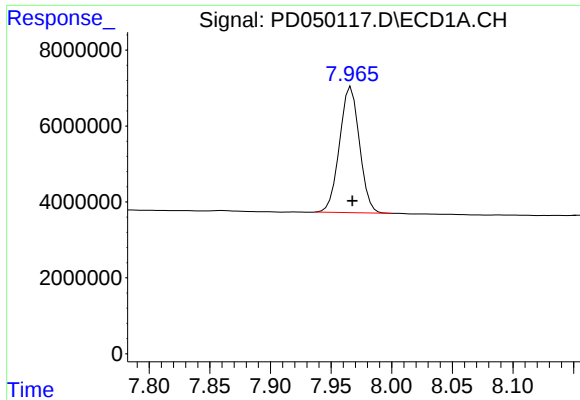
#20 Methoxychlor

R.T.: 7.694 min  
Delta R.T.: 0.000 min  
Response: 16057116  
Conc: 51.17 ng/ml



#20 Methoxychlor

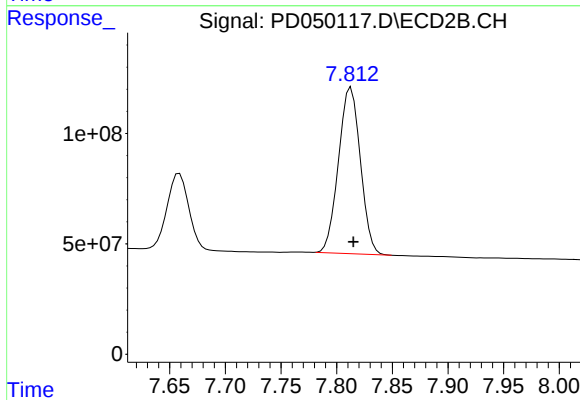
R.T.: 7.659 min  
Delta R.T.: -0.002 min  
Response: 466090492  
Conc: 51.97 ng/ml



#21 Endrin ketone

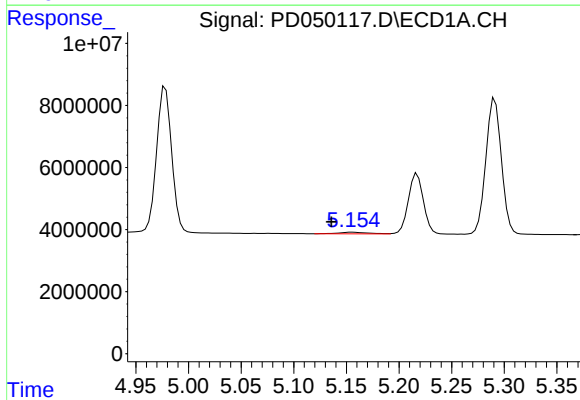
R.T.: 7.967 min  
Delta R.T.: 0.000 min  
Response: 37874883  
Conc: 51.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



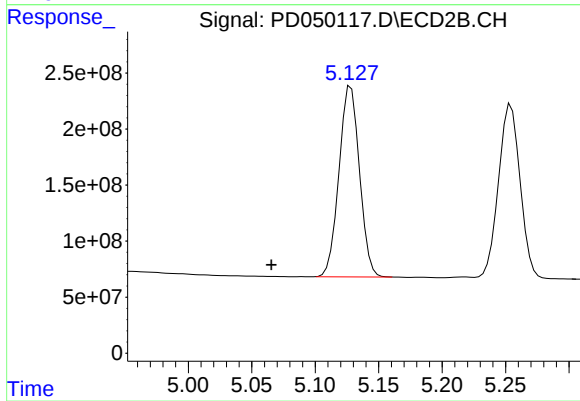
#21 Endrin ketone

R.T.: 7.813 min  
Delta R.T.: -0.002 min  
Response: 1029357308  
Conc: 51.03 ng/ml



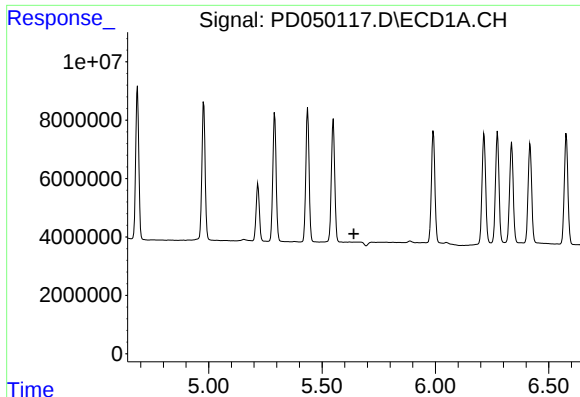
#23 Chlordane-1

R.T.: 5.156 min  
Delta R.T.: 0.020 min  
Response: 978821  
Conc: 33.39 ng/ml



#23 Chlordane-1

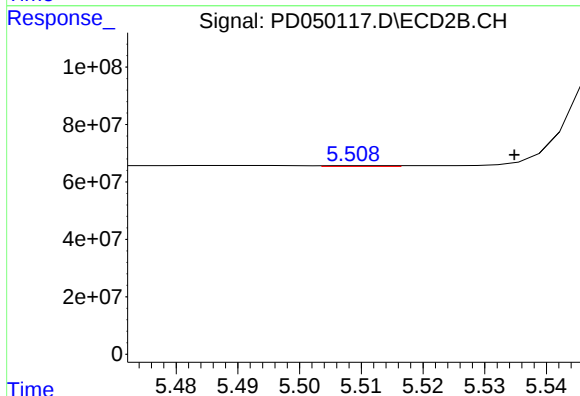
R.T.: 5.128 min  
Delta R.T.: 0.063 min  
Response: 1911887927  
Conc: 1371.29 ng/ml



#24 Chlordane-2

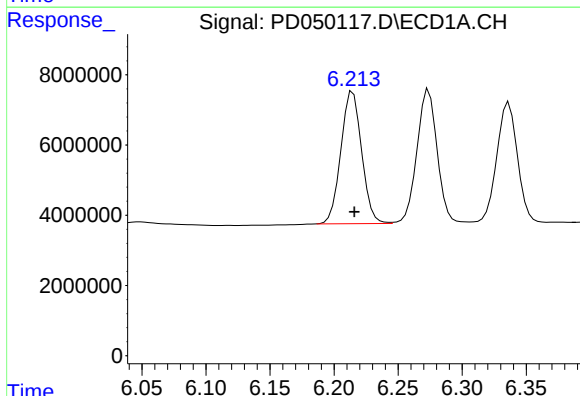
R.T.: 0.000 min  
Exp R.T.: 5.640 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



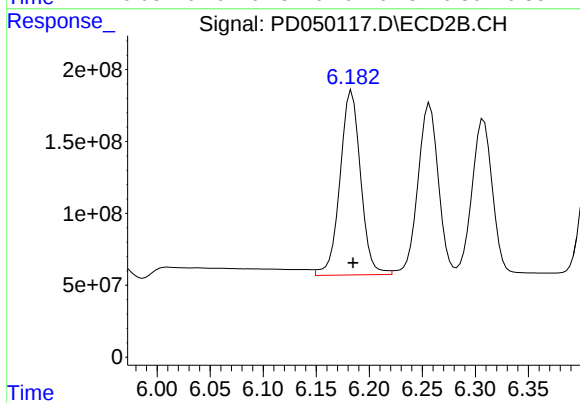
#24 Chlordane-2

R.T.: 5.510 min  
Delta R.T.: -0.025 min  
Response: 2172871  
Conc: 1.77 ng/ml



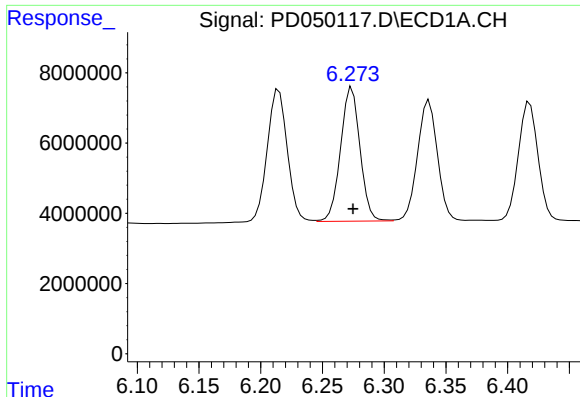
#25 Chlordane-3

R.T.: 6.215 min  
Delta R.T.: -0.001 min  
Response: 42505490  
Conc: 484.32 ng/ml



#25 Chlordane-3

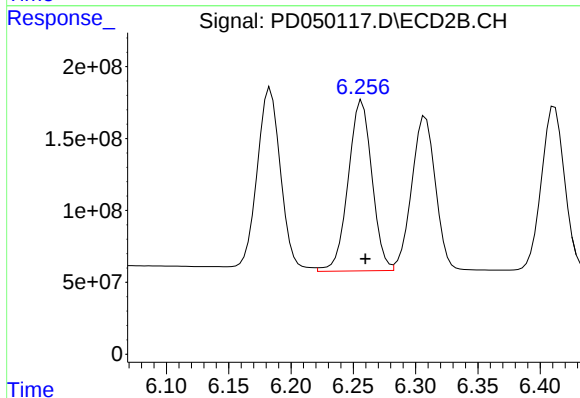
R.T.: 6.183 min  
Delta R.T.: -0.001 min  
Response: 1732484797  
Conc: 415.42 ng/ml



#26 Chlordane-4

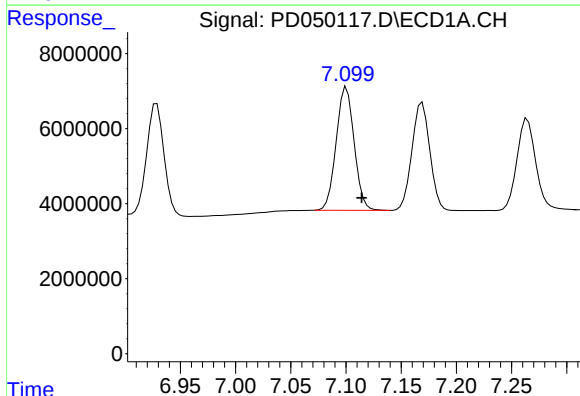
R.T.: 6.274 min  
Delta R.T.: 0.000 min  
Response: 41811744  
Conc: 577.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



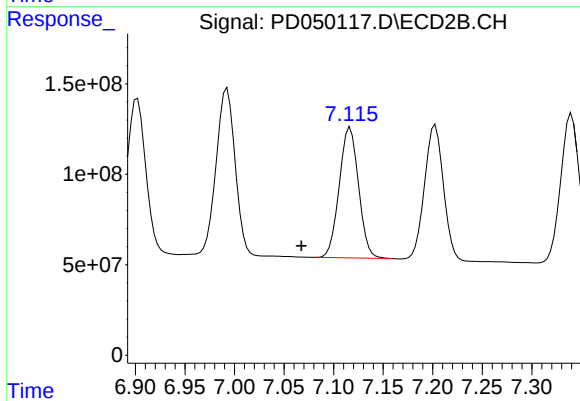
#26 Chlordane-4

R.T.: 6.257 min  
Delta R.T.: -0.003 min  
Response: 1581463766  
Conc: 337.46 ng/ml



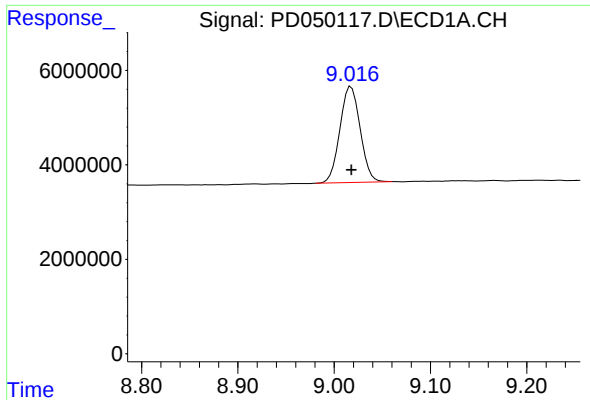
#27 Chlordane-5

R.T.: 7.100 min  
Delta R.T.: -0.014 min  
Response: 37228555  
Conc: 1223.34 ng/ml



#27 Chlordane-5

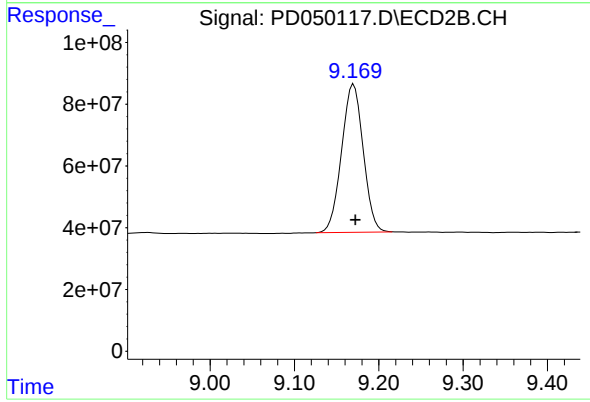
R.T.: 7.117 min  
Delta R.T.: 0.049 min  
Response: 978056051  
Conc: 1055.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.018 min  
Delta R.T.: 0.000 min  
Response: 29684360  
Conc: 49.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.170 min  
Delta R.T.: -0.002 min  
Response: 853481652  
Conc: 49.65 ng/ml