

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041719\  
 Data File : PD052964.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 17 Apr 2019 8:45  
 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: Apr 18 01:09:36 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 29 13:06:45 2019  
 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... | 3.220  | 4.042  | 71767672 | 1351.3E6 | 51.431   | 46.623     |
| 28)                         | SA Decachlor... | 7.813  | 9.157  | 67365894 | 816.3E6  | 50.546   | 52.491     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.639  | 4.434  | 119.8E6  | 2121.6E6 | 52.704   | 47.135     |
| 3)                          | MA gamma-BHC... | 3.907  | 4.721  | 113.5E6  | 1920.2E6 | 51.907   | 47.733     |
| 4)                          | MA Heptachlor   | 4.183  | 5.234  | 114.9E6  | 1829.4E6 | 54.097   | 46.111     |
| 5)                          | MB Aldrin       | 4.415  | 5.540  | 109.8E6  | 1747.6E6 | 54.536   | 47.198     |
| 6)                          | B beta-BHC      | 4.153  | 4.892  | 44509028 | 841.8E6  | 50.429   | 46.520     |
| 7)                          | B delta-BHC     | 4.341  | 5.111  | 107.0E6  | 1707.0E6 | 52.452   | 51.875     |
| 8)                          | B Heptachlo...  | 4.842  | 5.929  | 101.7E6  | 1559.2E6 | 53.517   | 48.305     |
| 9)                          | A Endosulfan I  | 5.163  | 6.288  | 94735366 | 1417.6E6 | 53.010   | 48.525     |
| 10)                         | B gamma-Chl...  | 5.059  | 6.164  | 104.8E6  | 1598.2E6 | 53.752   | 49.955     |
| 11)                         | B alpha-Chl...  | 5.115  | 6.237  | 103.5E6  | 1522.1E6 | 53.623   | 48.492     |
| 12)                         | B 4,4'-DDE      | 5.284  | 6.394  | 95026772 | 1472.7E6 | 50.959   | 48.241     |
| 13)                         | MA Dieldrin     | 5.398  | 6.547  | 103.6E6  | 1479.3E6 | 53.558   | 49.457     |
| 14)                         | MA Endrin       | 5.645  | 6.766  | 89914057 | 1204.9E6 | 48.831   | 48.084     |
| 15)                         | B Endosulfa...  | 5.916  | 6.976  | 88387178 | 1225.0E6 | 51.494   | 49.161     |
| 16)                         | A 4,4'-DDD      | 5.785  | 6.887  | 79566322 | 1183.3E6 | 52.058   | 49.478     |
| 17)                         | MA 4,4'-DDT     | 6.016  | 7.187  | 72297818 | 946.2E6  | 50.256   | 50.779     |
| 18)                         | B Endrin al...  | 6.082  | 7.100  | 73974353 | 1007.4E6 | 51.599   | 48.937     |
| 19)                         | B Endosulfa...  | 6.290  | 7.324  | 79488546 | 1108.7E6 | 51.837   | 50.396     |
| 20)                         | A Methoxychlor  | 6.562  | 7.647  | 41779116 | 518.8E6  | 49.453   | 51.864     |
| 21)                         | B Endrin ke...  | 6.764  | 7.799  | 95137805 | 1079.6E6 | 52.308   | 52.689     |
| 22)                         | Mirex           | 6.932  | 8.257  | 65857083 | 696.8E6  | 53.759   | 54.035     |
| 23)                         | Chlordane-1     | 4.073f | 0.000  | 1122736  | 0        | 17.880   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.540f | 0        | 1747.6E6 | N.D.     | 1247.878 # |
| 25)                         | Chlordane-3     | 5.059  | 6.164  | 104.8E6  | 1598.2E6 | 473.963  | 362.185    |
| 26)                         | Chlordane-4     | 5.115  | 6.237  | 103.5E6  | 1522.1E6 | 487.969  | 299.327 #  |
| 27)                         | Chlordane-5     | 5.916  | 0.000  | 88387178 | 0        | 1359.112 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

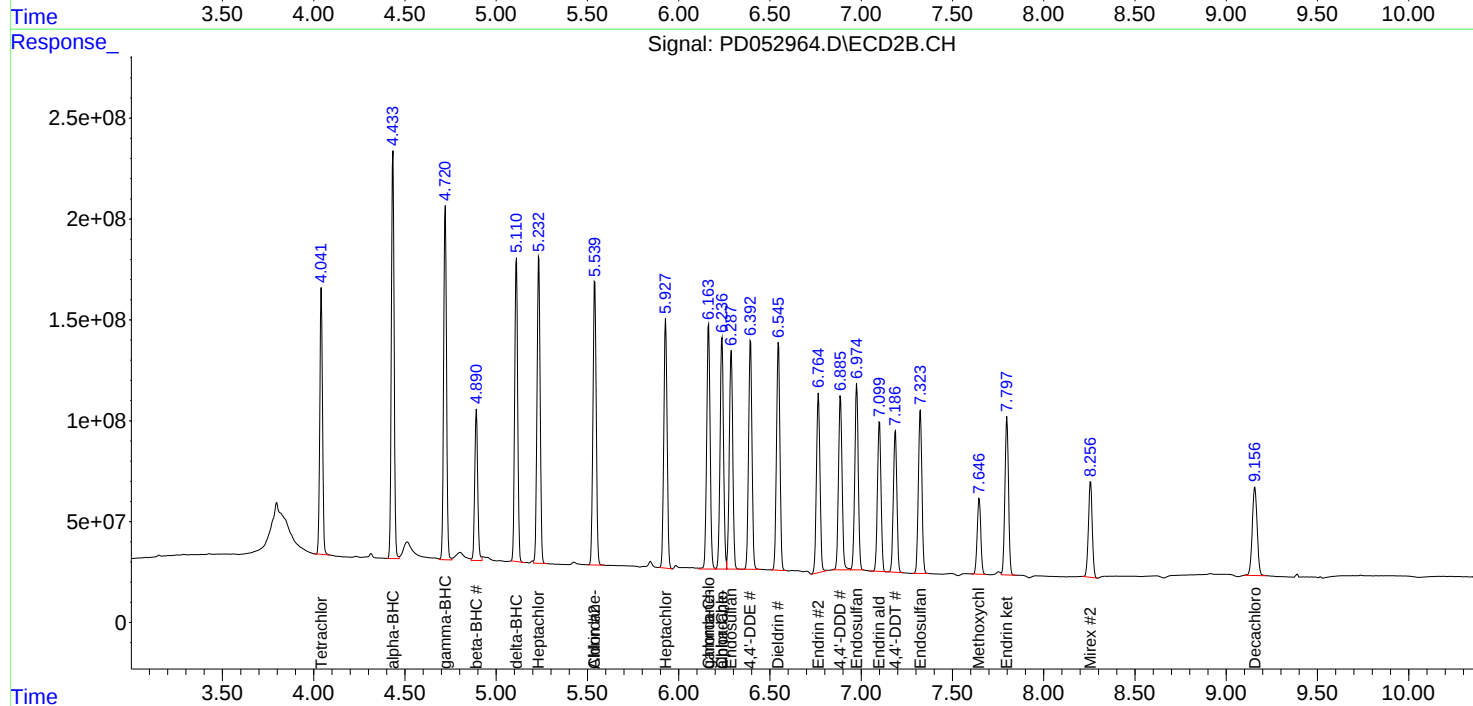
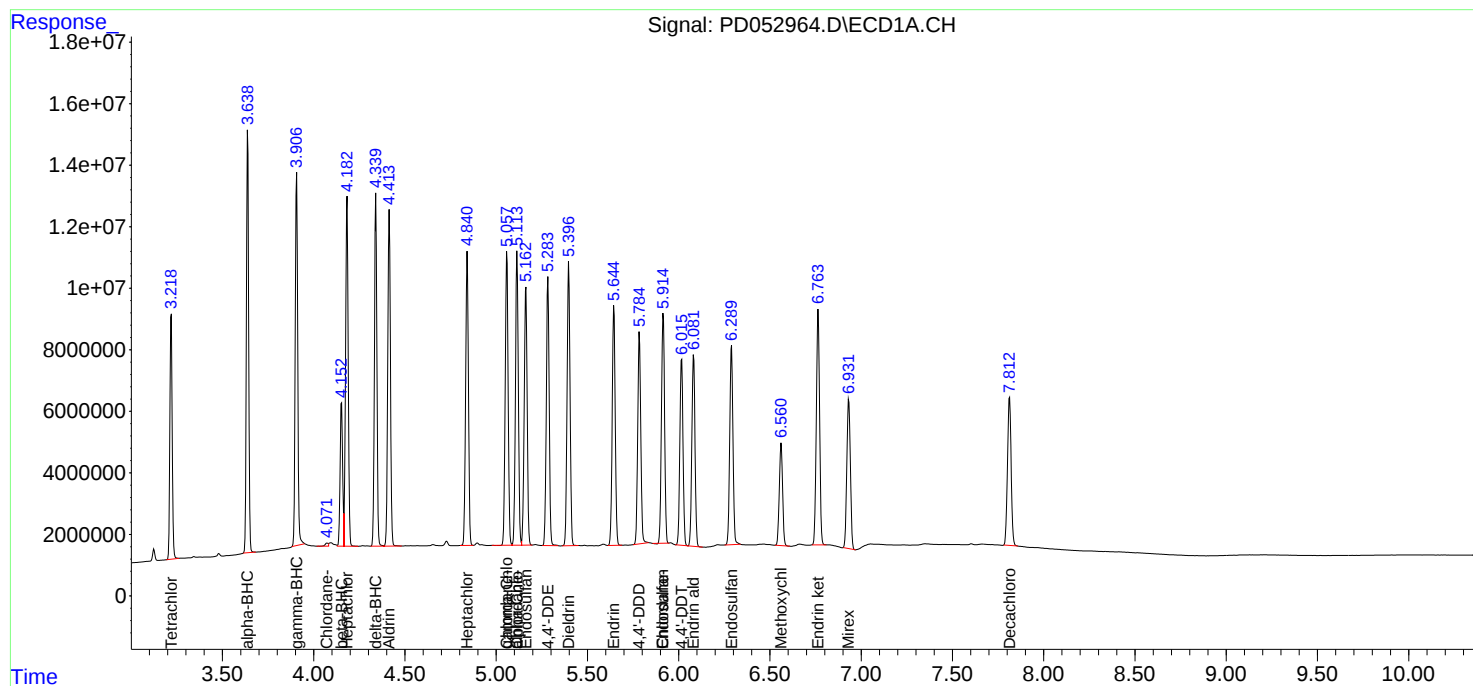
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

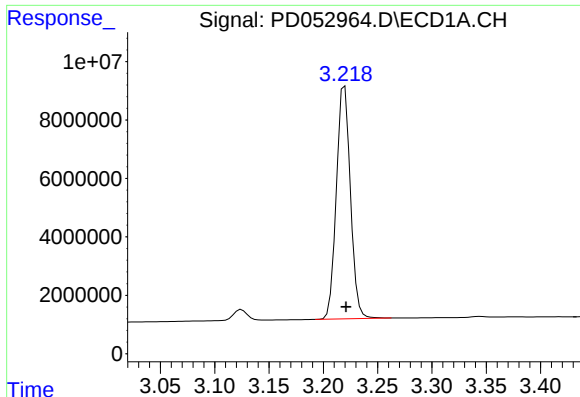
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041719\  
Data File : PD052964.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 17 Apr 2019 8:45  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 18 01:09:36 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032919.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 29 13:06:45 2019  
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

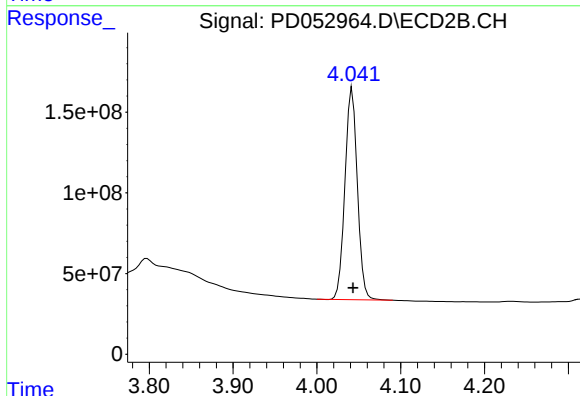




#1 Tetrachloro-m-xylene

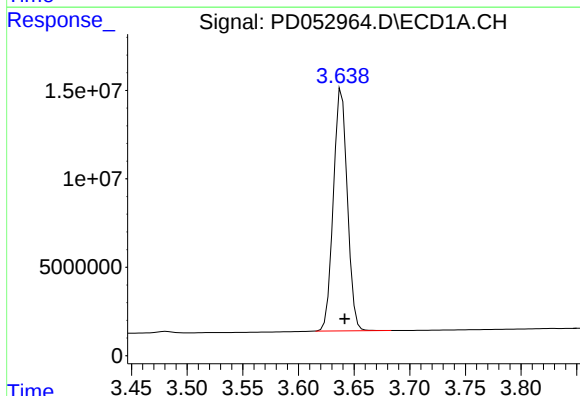
R.T.: 3.220 min  
Delta R.T.: -0.001 min  
Response: 71767672  
Conc: 51.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



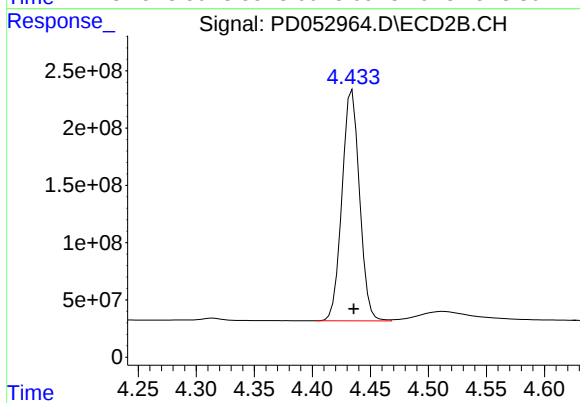
#1 Tetrachloro-m-xylene

R.T.: 4.042 min  
Delta R.T.: 0.000 min  
Response: 1351308249  
Conc: 46.62 ng/ml



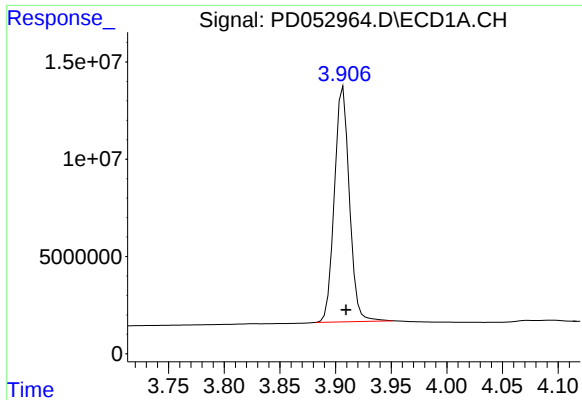
#2 alpha-BHC

R.T.: 3.639 min  
Delta R.T.: -0.003 min  
Response: 119805297  
Conc: 52.70 ng/ml



#2 alpha-BHC

R.T.: 4.434 min  
Delta R.T.: -0.001 min  
Response: 2121557180  
Conc: 47.14 ng/ml



#3 gamma-BHC (Lindane)

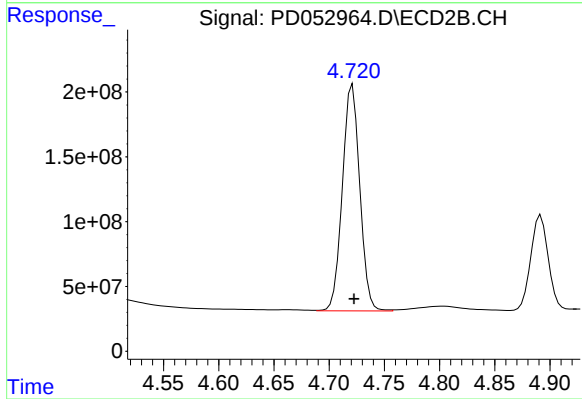
R.T.: 3.907 min

Delta R.T.: -0.003 min

Response: 113494920

Conc: 51.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



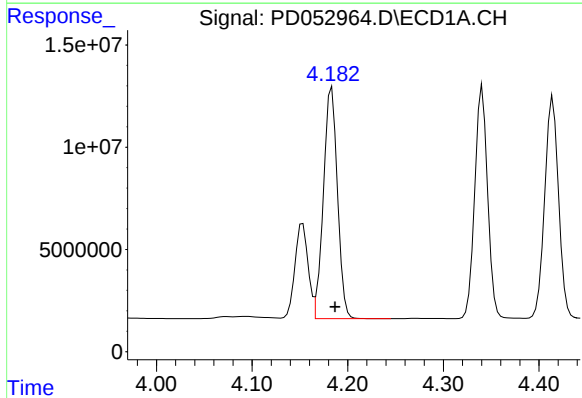
#3 gamma-BHC (Lindane)

R.T.: 4.721 min

Delta R.T.: -0.001 min

Response: 1920237761

Conc: 47.73 ng/ml



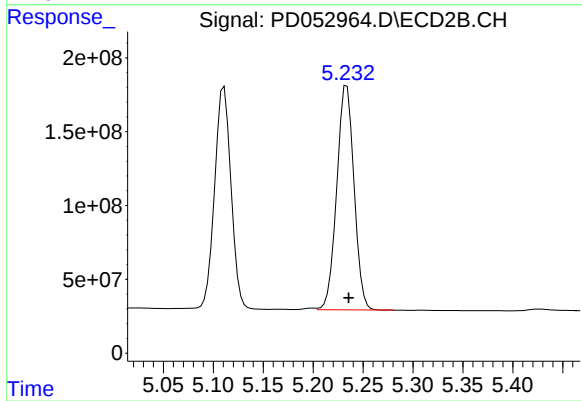
#4 Heptachlor

R.T.: 4.183 min

Delta R.T.: -0.003 min

Response: 114856830

Conc: 54.10 ng/ml



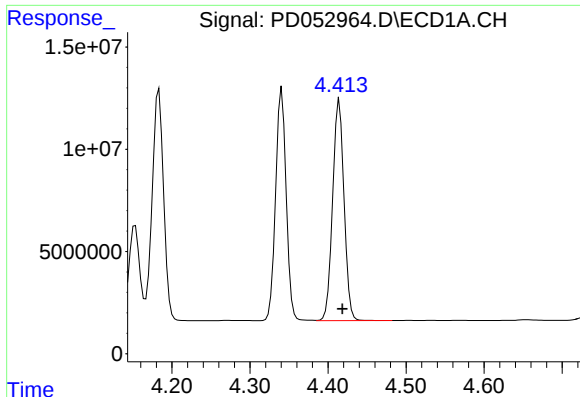
#4 Heptachlor

R.T.: 5.234 min

Delta R.T.: -0.002 min

Response: 1829435698

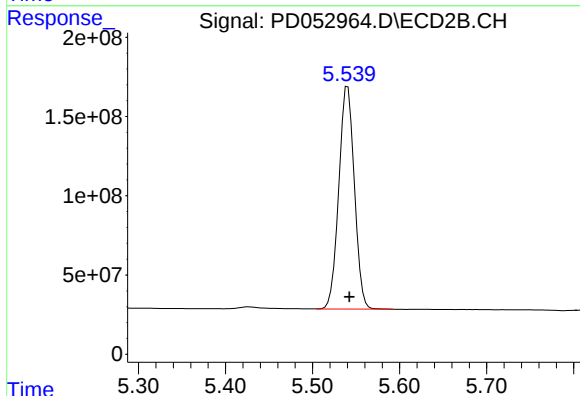
Conc: 46.11 ng/ml



#5 Aldrin

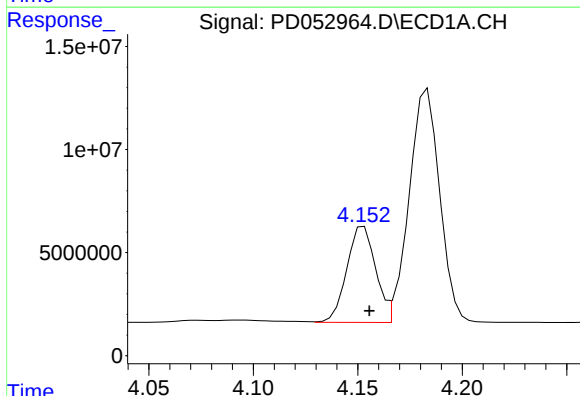
R.T.: 4.415 min  
Delta R.T.: -0.004 min  
Response: 109808858  
Conc: 54.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



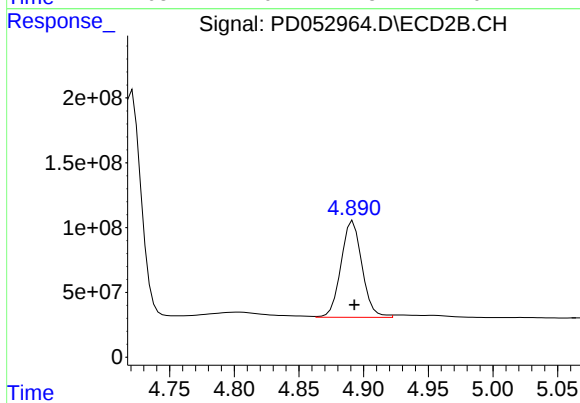
#5 Aldrin

R.T.: 5.540 min  
Delta R.T.: -0.002 min  
Response: 1747616196  
Conc: 47.20 ng/ml



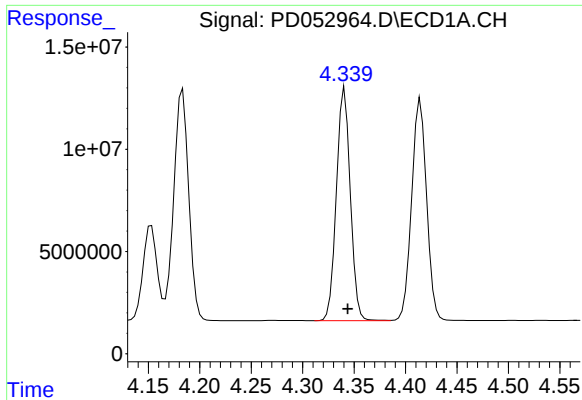
#6 beta-BHC

R.T.: 4.153 min  
Delta R.T.: -0.003 min  
Response: 44509028  
Conc: 50.43 ng/ml



#6 beta-BHC

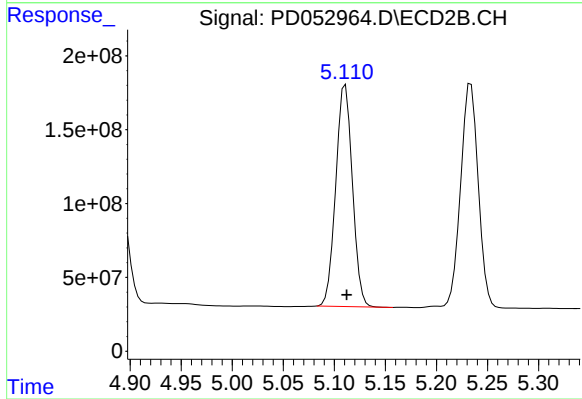
R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 841770327  
Conc: 46.52 ng/ml



#7 delta-BHC

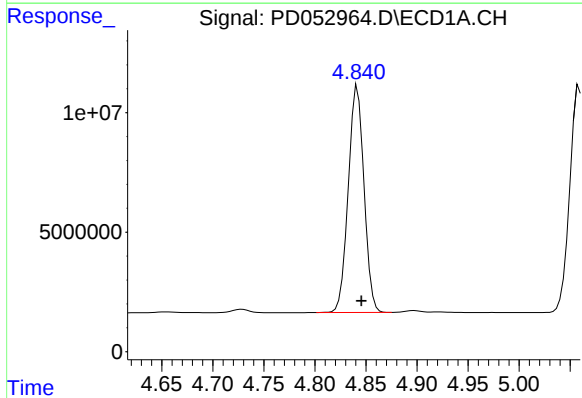
R.T.: 4.341 min  
Delta R.T.: -0.003 min  
Response: 106984082  
Conc: 52.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



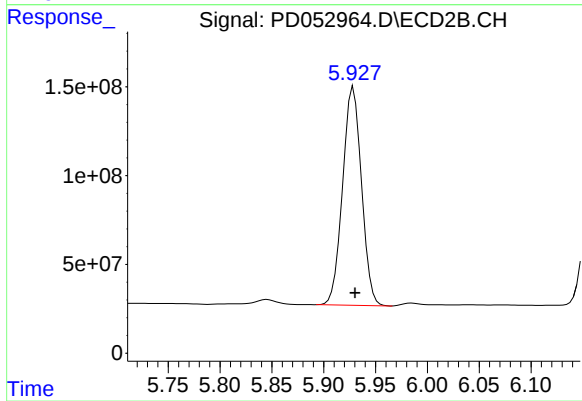
#7 delta-BHC

R.T.: 5.111 min  
Delta R.T.: -0.001 min  
Response: 1706991342  
Conc: 51.87 ng/ml



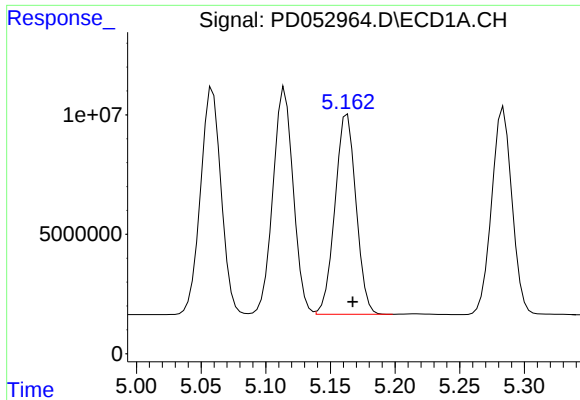
#8 Heptachlor epoxide

R.T.: 4.842 min  
Delta R.T.: -0.004 min  
Response: 101709758  
Conc: 53.52 ng/ml



#8 Heptachlor epoxide

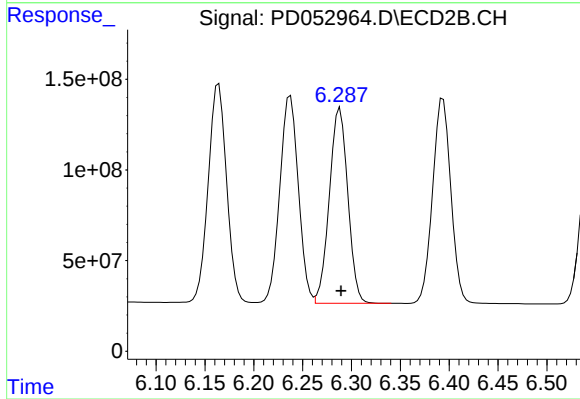
R.T.: 5.929 min  
Delta R.T.: -0.001 min  
Response: 1559229910  
Conc: 48.31 ng/ml



#9 Endosulfan I

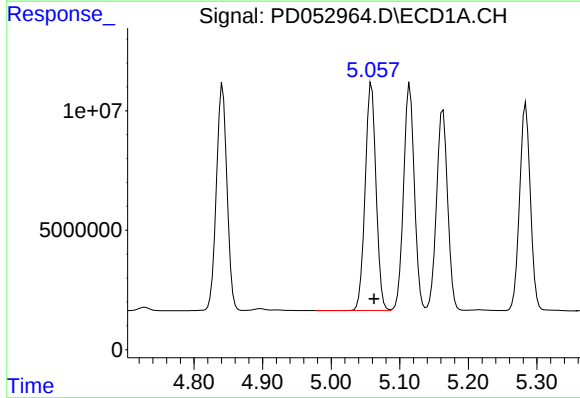
R.T.: 5.163 min  
Delta R.T.: -0.004 min  
Response: 94735366  
Conc: 53.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



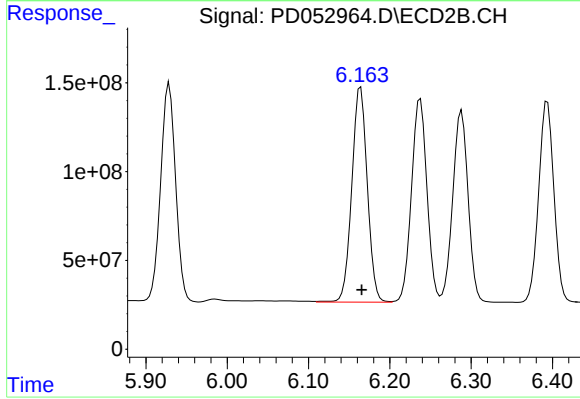
#9 Endosulfan I

R.T.: 6.288 min  
Delta R.T.: -0.001 min  
Response: 1417570406  
Conc: 48.52 ng/ml



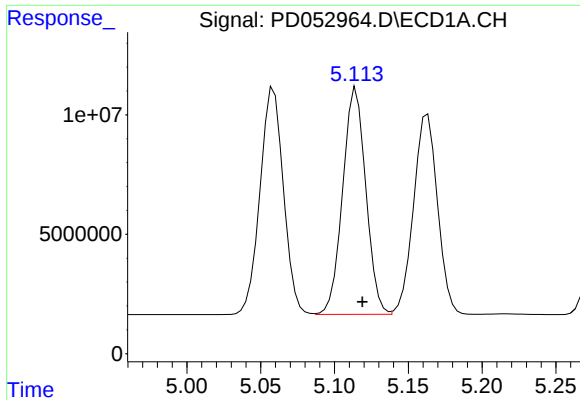
#10 gamma-Chlordane

R.T.: 5.059 min  
Delta R.T.: -0.004 min  
Response: 104810977  
Conc: 53.75 ng/ml



#10 gamma-Chlordane

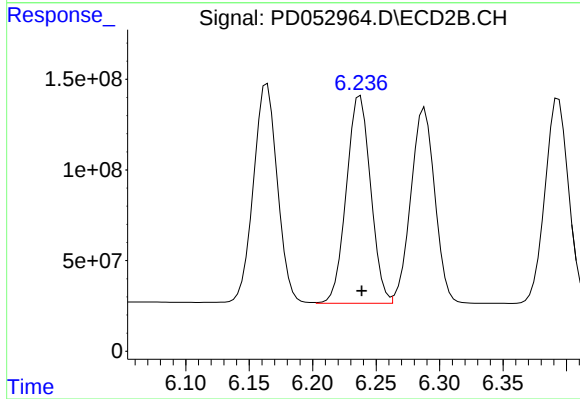
R.T.: 6.164 min  
Delta R.T.: -0.001 min  
Response: 1598249747  
Conc: 49.95 ng/ml



#11 alpha-Chlordane

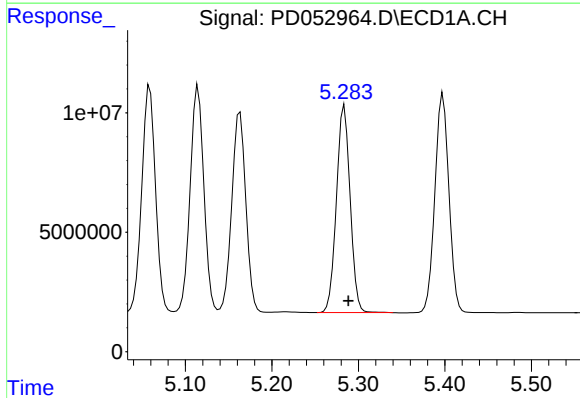
R.T.: 5.115 min  
Delta R.T.: -0.004 min  
Response: 103494657  
Conc: 53.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



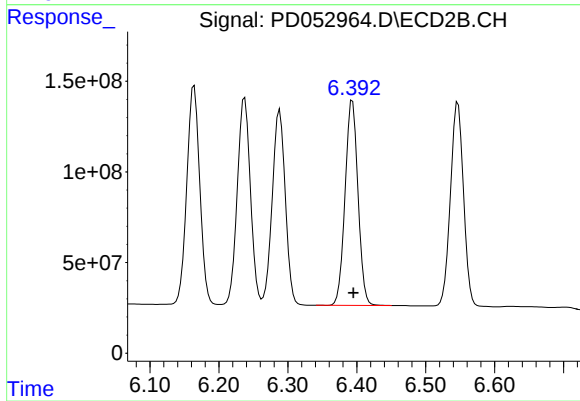
#11 alpha-Chlordane

R.T.: 6.237 min  
Delta R.T.: -0.001 min  
Response: 1522118232  
Conc: 48.49 ng/ml



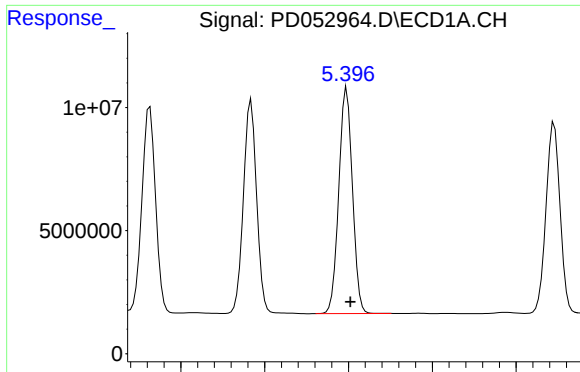
#12 4,4'-DDE

R.T.: 5.284 min  
Delta R.T.: -0.004 min  
Response: 95026772  
Conc: 50.96 ng/ml



#12 4,4'-DDE

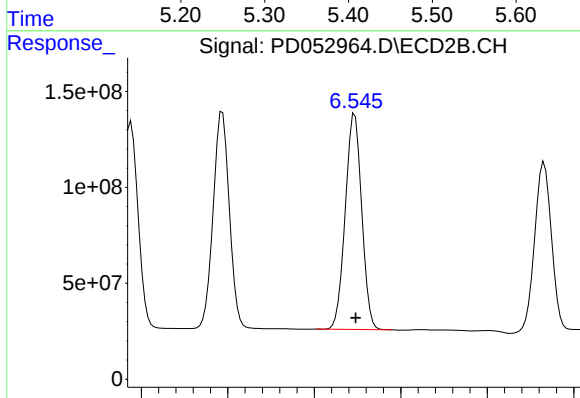
R.T.: 6.394 min  
Delta R.T.: -0.001 min  
Response: 1472740429  
Conc: 48.24 ng/ml



#13 Dieldrin

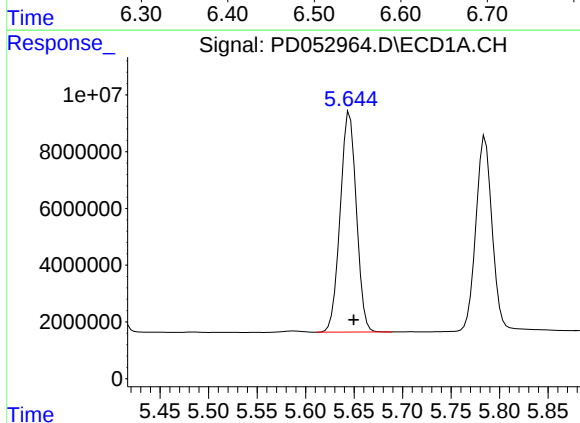
R.T.: 5.398 min  
Delta R.T.: -0.005 min  
Response: 103556565  
Conc: 53.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



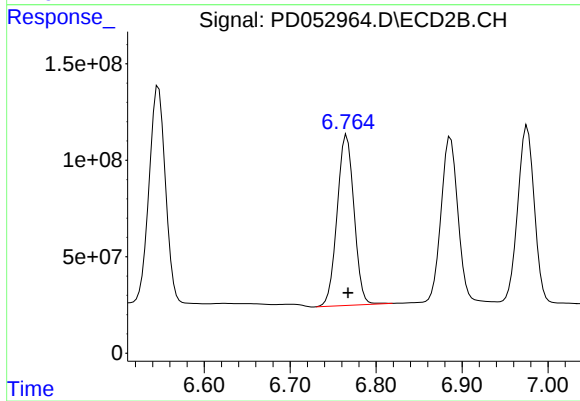
#13 Dieldrin

R.T.: 6.547 min  
Delta R.T.: 0.000 min  
Response: 1479339245  
Conc: 49.46 ng/ml



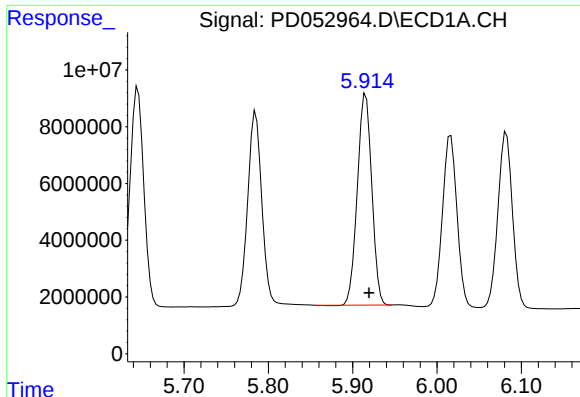
#14 Endrin

R.T.: 5.645 min  
Delta R.T.: -0.004 min  
Response: 89914057  
Conc: 48.83 ng/ml



#14 Endrin

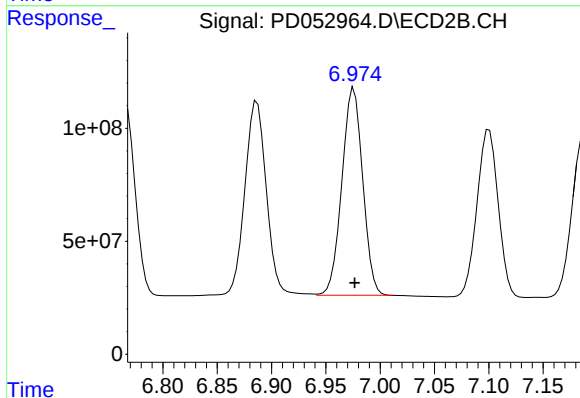
R.T.: 6.766 min  
Delta R.T.: -0.001 min  
Response: 1204906216  
Conc: 48.08 ng/ml



#15 Endosulfan II

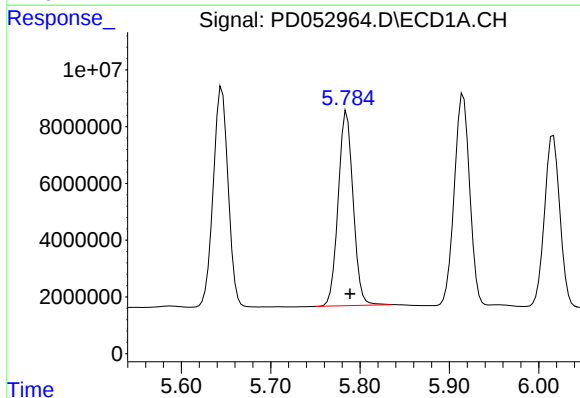
R.T.: 5.916 min  
Delta R.T.: -0.004 min  
Response: 88387178  
Conc: 51.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



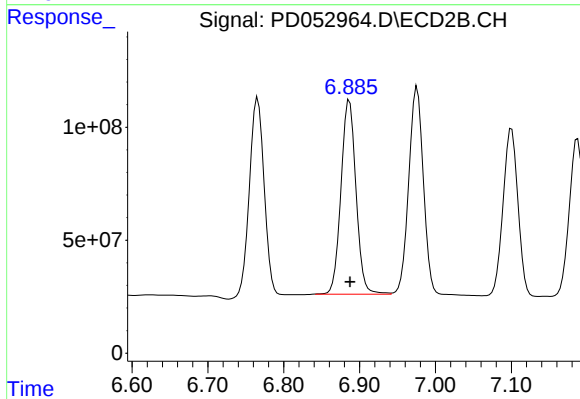
#15 Endosulfan II

R.T.: 6.976 min  
Delta R.T.: 0.000 min  
Response: 1224967524  
Conc: 49.16 ng/ml



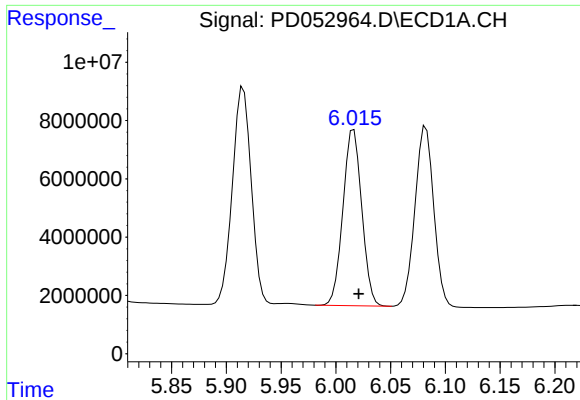
#16 4,4'-DDD

R.T.: 5.785 min  
Delta R.T.: -0.004 min  
Response: 79566322  
Conc: 52.06 ng/ml



#16 4,4'-DDD

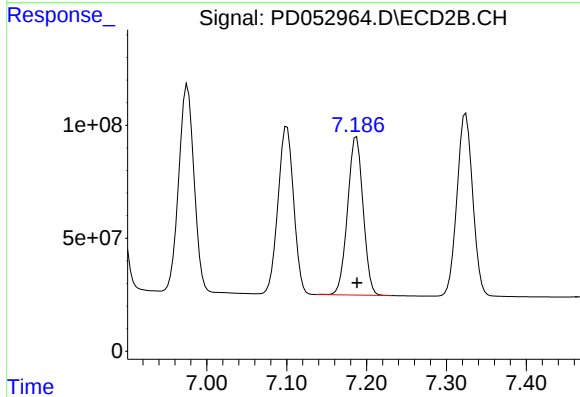
R.T.: 6.887 min  
Delta R.T.: 0.000 min  
Response: 1183316729  
Conc: 49.48 ng/ml



#17 4,4'-DDT

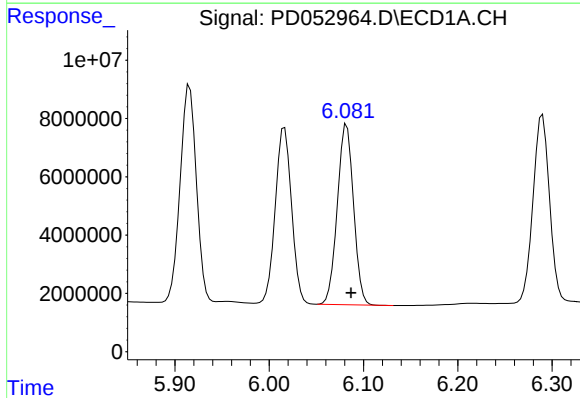
R.T.: 6.016 min  
Delta R.T.: -0.005 min  
Response: 72297818  
Conc: 50.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



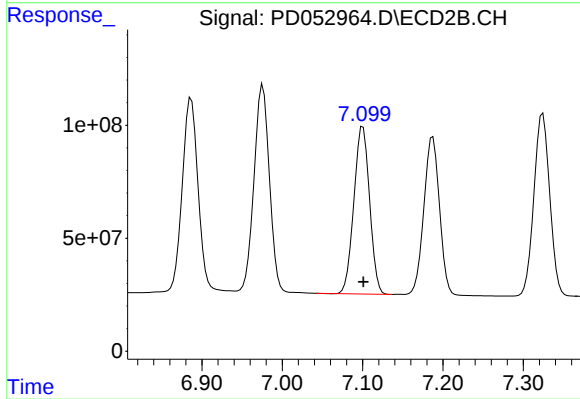
#17 4,4'-DDT

R.T.: 7.187 min  
Delta R.T.: 0.000 min  
Response: 946229370  
Conc: 50.78 ng/ml



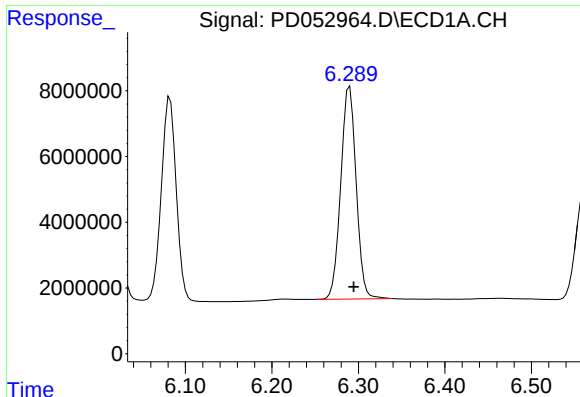
#18 Endrin aldehyde

R.T.: 6.082 min  
Delta R.T.: -0.005 min  
Response: 73974353  
Conc: 51.60 ng/ml



#18 Endrin aldehyde

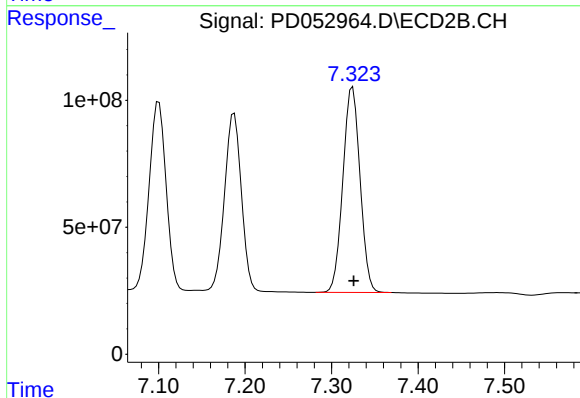
R.T.: 7.100 min  
Delta R.T.: 0.000 min  
Response: 1007388874  
Conc: 48.94 ng/ml



#19 Endosulfan Sulfate

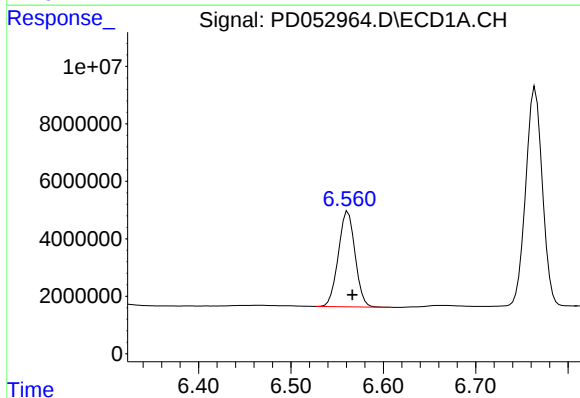
R.T.: 6.290 min  
Delta R.T.: -0.005 min  
Response: 79488546  
Conc: 51.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



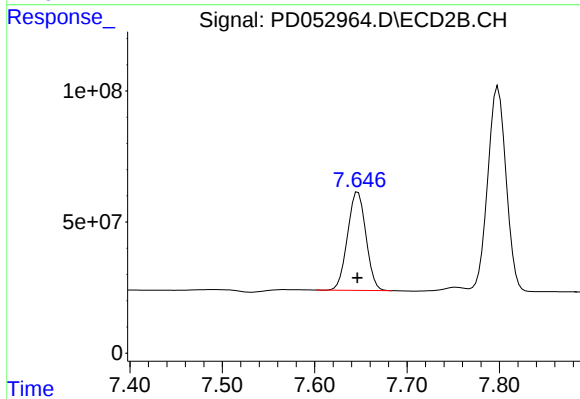
#19 Endosulfan Sulfate

R.T.: 7.324 min  
Delta R.T.: -0.001 min  
Response: 1108691629  
Conc: 50.40 ng/ml



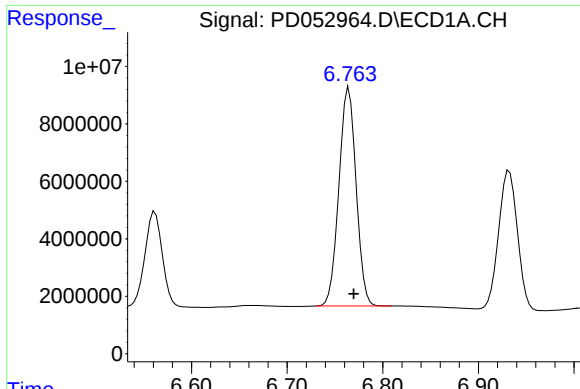
#20 Methoxychlor

R.T.: 6.562 min  
Delta R.T.: -0.005 min  
Response: 41779116  
Conc: 49.45 ng/ml



#20 Methoxychlor

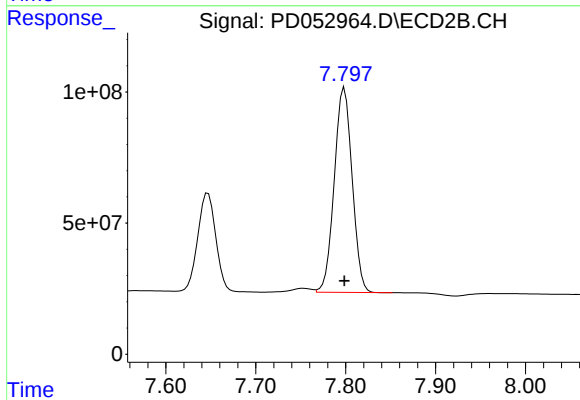
R.T.: 7.647 min  
Delta R.T.: 0.000 min  
Response: 518806011  
Conc: 51.86 ng/ml



#21 Endrin ketone

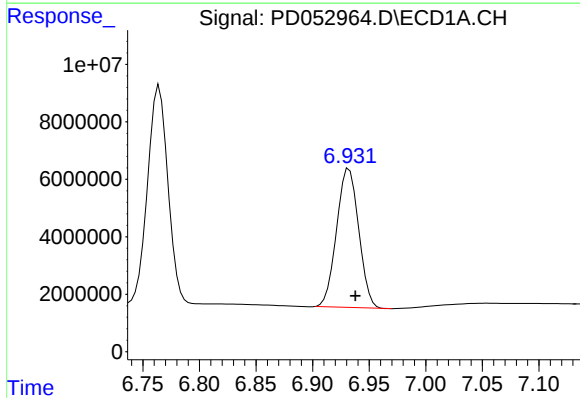
R.T.: 6.764 min  
Delta R.T.: -0.005 min  
Response: 95137805  
Conc: 52.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



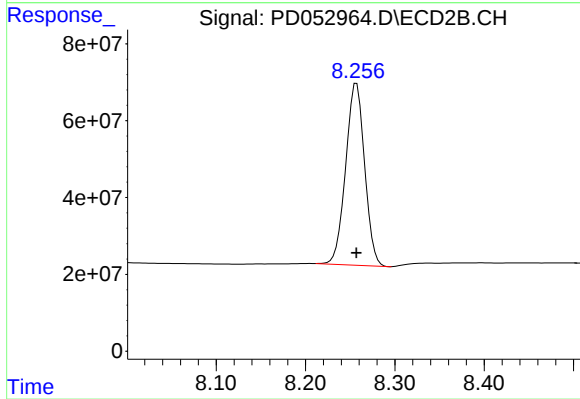
#21 Endrin ketone

R.T.: 7.799 min  
Delta R.T.: 0.000 min  
Response: 1079573442  
Conc: 52.69 ng/ml



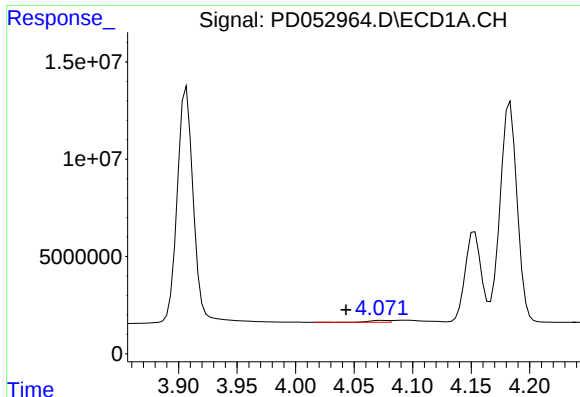
#22 Mirex

R.T.: 6.932 min  
Delta R.T.: -0.006 min  
Response: 65857083  
Conc: 53.76 ng/ml



#22 Mirex

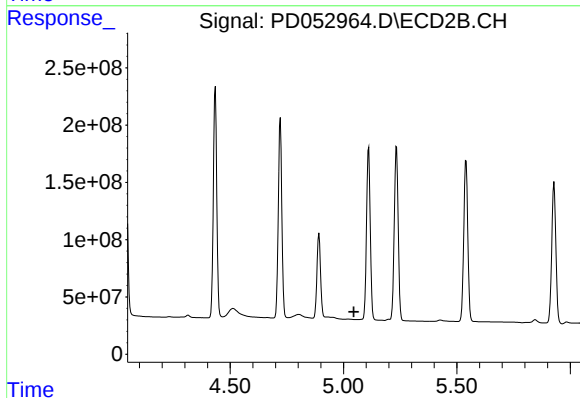
R.T.: 8.257 min  
Delta R.T.: 0.000 min  
Response: 696801791  
Conc: 54.04 ng/ml



#23 Chlordane-1

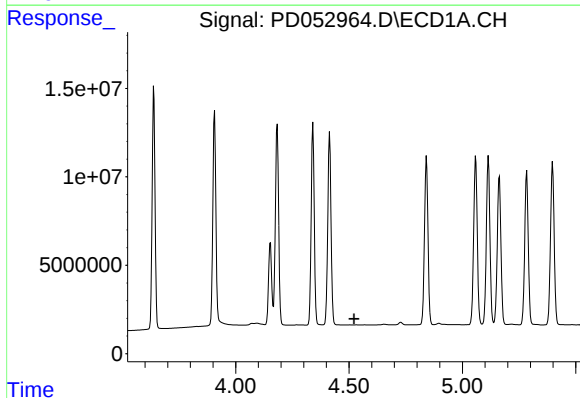
R.T.: 4.073 min  
Delta R.T.: 0.030 min  
Response: 1122736  
Conc: 17.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



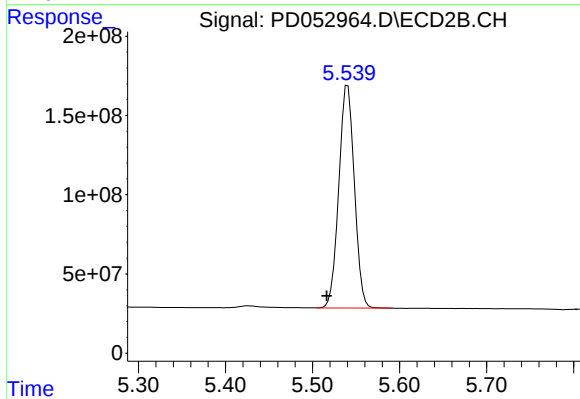
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.046 min  
Response: 0  
Conc: N.D.



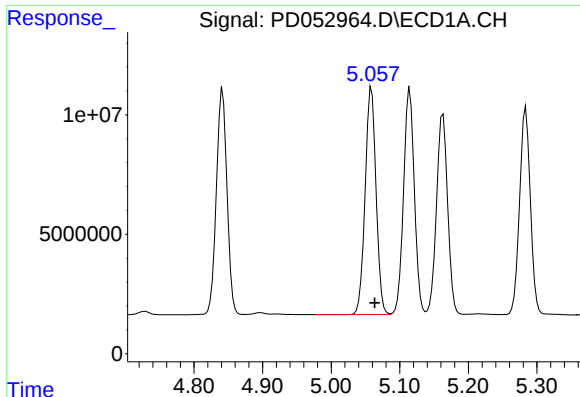
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.523 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

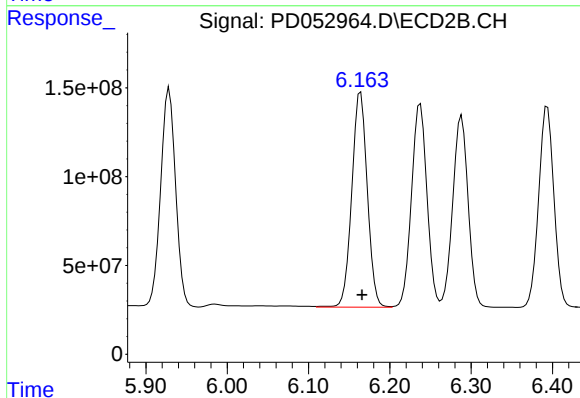
R.T.: 5.540 min  
Delta R.T.: 0.024 min  
Response: 1747616196  
Conc: 1247.88 ng/ml



#25 Chlordane-3

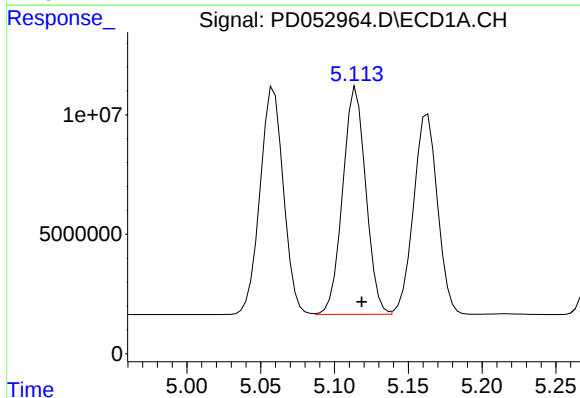
R.T.: 5.059 min  
Delta R.T.: -0.005 min  
Response: 104810977  
Conc: 473.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



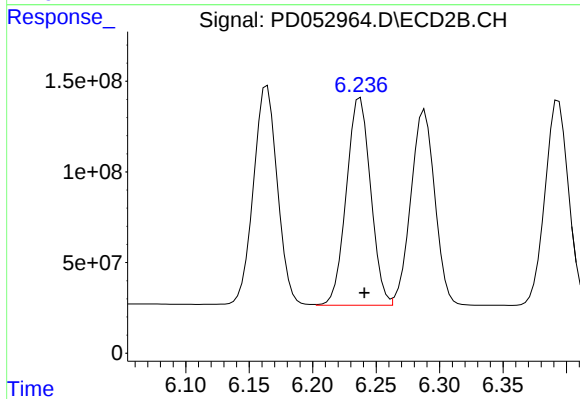
#25 Chlordane-3

R.T.: 6.164 min  
Delta R.T.: -0.002 min  
Response: 1598249747  
Conc: 362.19 ng/ml



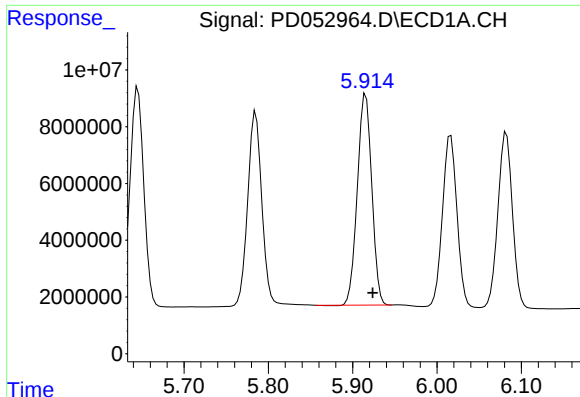
#26 Chlordane-4

R.T.: 5.115 min  
Delta R.T.: -0.004 min  
Response: 103494657  
Conc: 487.97 ng/ml



#26 Chlordane-4

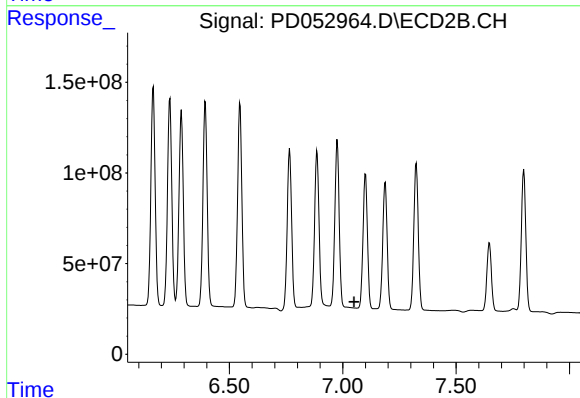
R.T.: 6.237 min  
Delta R.T.: -0.003 min  
Response: 1522118232  
Conc: 299.33 ng/ml



#27 Chlordane-5

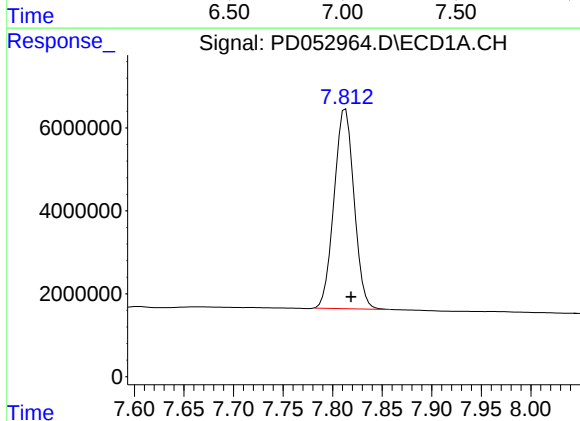
R.T.: 5.916 min  
Delta R.T.: -0.008 min  
Response: 88387178  
Conc: 1359.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



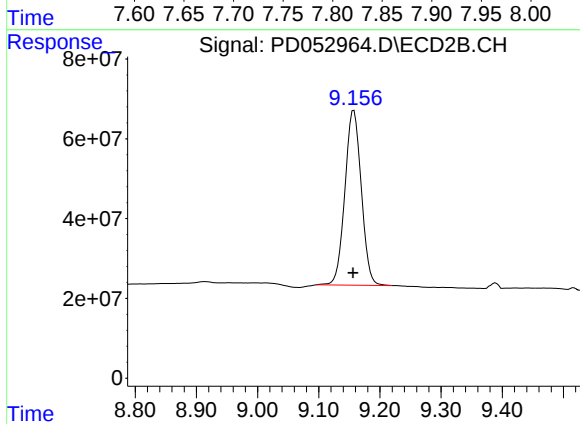
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.050 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.813 min  
Delta R.T.: -0.006 min  
Response: 67365894  
Conc: 50.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.157 min  
Delta R.T.: 0.000 min  
Response: 816307718  
Conc: 52.49 ng/ml