

Data Path : Z:\bestpcbsrv\HPCHEM1\ECD D\Data\PD071618\  
 Data File : PD048433.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 17 Jul 2018 3:35  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 17 04:06:40 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071618.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 17 02:42:01 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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|------------|
| -----                       |                 |       |       |          |          |          |            |
| System Monitoring Compounds |                 |       |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.393 | 4.007 | 62870664 | 954.3E6  | 51.607   | 51.298     |
| 28)                         | SA Decachlor... | 8.084 | 9.052 | 71713501 | 954.5E6  | 50.008   | 50.790     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.826 | 4.390 | 103.5E6  | 1543.0E6 | 52.186   | 50.726     |
| 3)                          | MA gamma-BHC... | 4.104 | 4.672 | 97244077 | 1365.1E6 | 49.674   | 51.091     |
| 4)                          | MA Heptachlor   | 4.392 | 5.187 | 93492676 | 1382.4E6 | 53.179   | 52.305     |
| 5)                          | MB Aldrin       | 4.634 | 5.492 | 90223427 | 1317.2E6 | 52.914   | 50.997     |
| 6)                          | B beta-BHC      | 4.350 | 4.832 | 38740963 | 595.3E6  | 52.236   | 51.752     |
| 7)                          | B delta-BHC     | 4.550 | 5.049 | 96770928 | 1270.2E6 | 52.614   | 62.999     |
| 8)                          | B Heptachlo...  | 5.072 | 5.872 | 89826657 | 1258.1E6 | 56.569   | 62.444     |
| 9)                          | A Endosulfan I  | 5.405 | 6.227 | 77801496 | 1096.5E6 | 53.047   | 50.667     |
| 10)                         | B gamma-Chl...  | 5.294 | 6.106 | 86626234 | 1250.3E6 | 53.568   | 52.753     |
| 11)                         | B alpha-Chl...  | 5.352 | 6.180 | 83419021 | 1206.2E6 | 53.291   | 51.337     |
| 12)                         | B 4,4'-DDE      | 5.518 | 6.332 | 85680699 | 1187.9E6 | 52.932   | 51.114     |
| 13)                         | MA Dieldrin     | 5.645 | 6.482 | 89646545 | 1221.1E6 | 52.722   | 51.534     |
| 14)                         | MA Endrin       | 5.901 | 6.698 | 84826672 | 1137.7E6 | 51.782   | 53.697     |
| 15)                         | B Endosulfa...  | 6.172 | 6.900 | 74948678 | 1048.0E6 | 50.778   | 47.799     |
| 16)                         | A 4,4'-DDD      | 6.029 | 6.815 | 72798289 | 992.1E6  | 52.040   | 50.470     |
| 17)                         | MA 4,4'-DDT     | 6.266 | 7.115 | 74746273 | 1002.8E6 | 53.191   | 52.604     |
| 18)                         | B Endrin al...  | 6.341 | 7.022 | 62815369 | 875.3E6  | 51.766   | 51.842     |
| 19)                         | B Endosulfa...  | 6.551 | 7.245 | 70219633 | 1024.0E6 | 51.943   | 51.931     |
| 20)                         | A Methoxychlor  | 6.813 | 7.567 | 39888988 | 506.4E6  | 51.244   | 52.670     |
| 21)                         | B Endrin ke...  | 7.040 | 7.712 | 87973768 | 1006.4E6 | 51.596   | 51.771     |
| 23)                         | Chlordane-1     | 4.310 | 5.049 | 1663254  | 1270.2E6 | 28.074   | 1268.062 # |
| 24)                         | Chlordane-2     | 0.000 | 5.492 | 0        | 1317.2E6 | N.D.     | 1386.844 # |
| 25)                         | Chlordane-3     | 5.294 | 6.106 | 86626234 | 1250.3E6 | 447.772  | 362.095    |
| 26)                         | Chlordane-4     | 5.352 | 6.180 | 83419021 | 1206.2E6 | 497.133  | 300.394 #  |
| 27)                         | Chlordane-5     | 6.172 | 7.022 | 74948678 | 875.3E6  | 1270.193 | 967.285    |
| -----                       |                 |       |       |          |          |          |            |

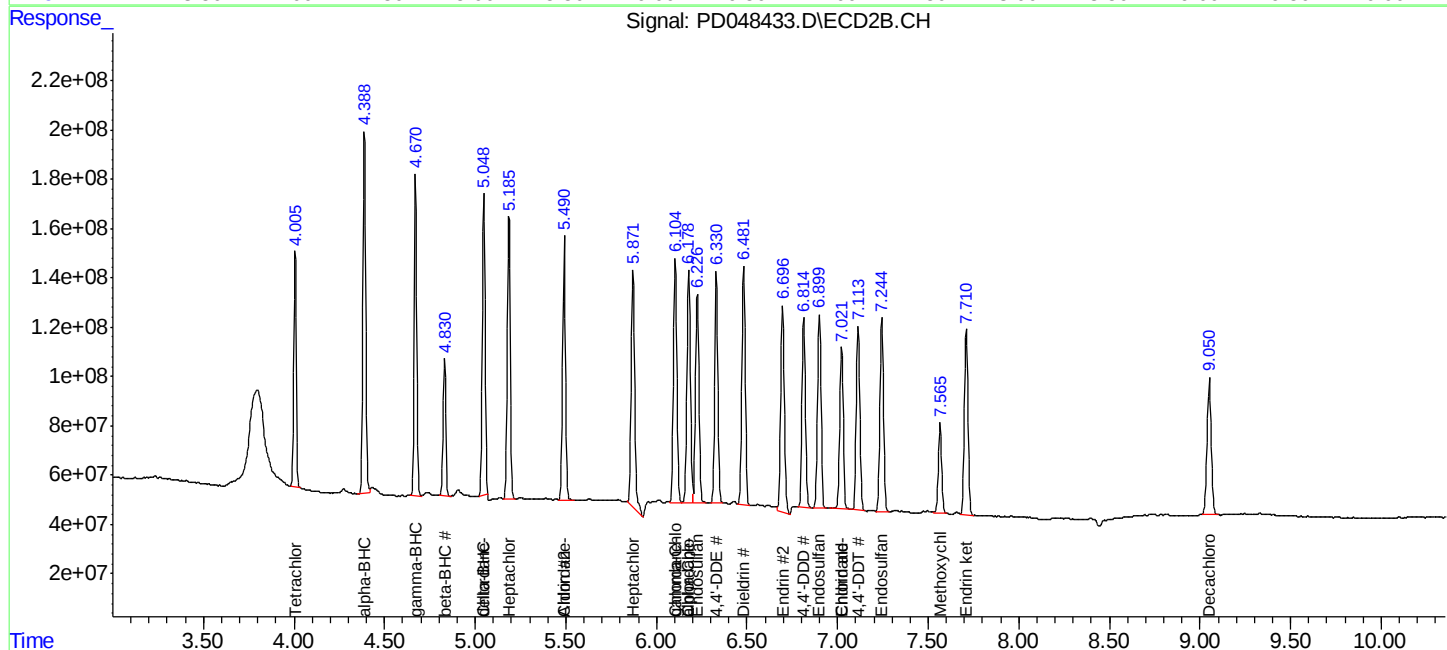
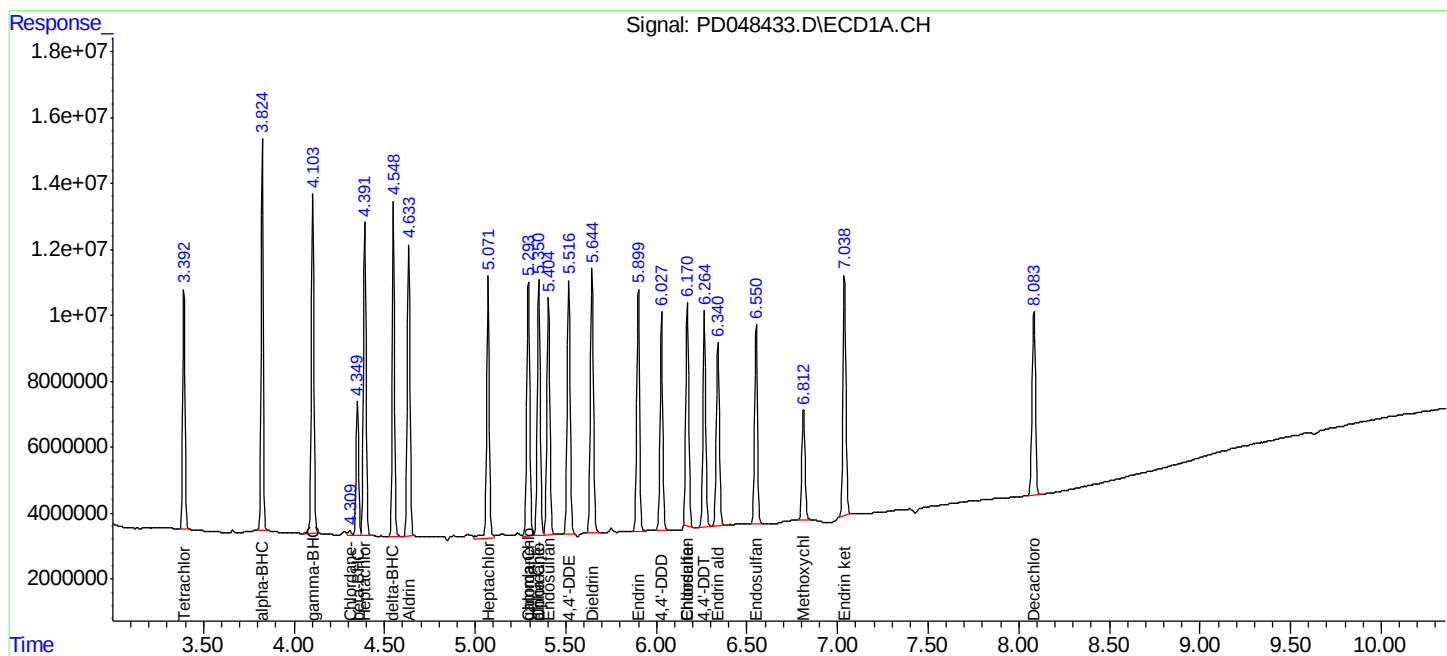
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

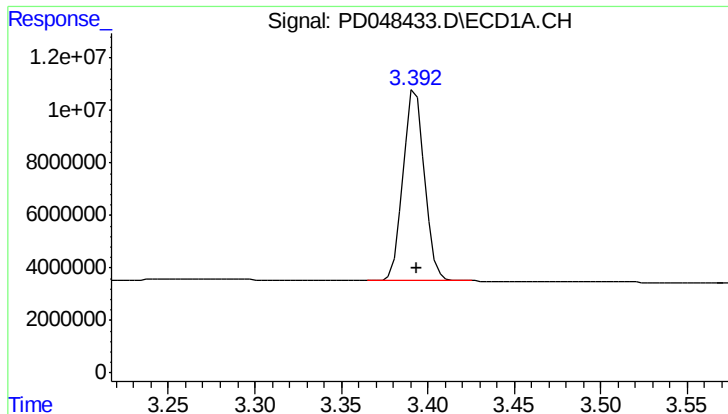
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD071618\  
Data File : PD048433.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 17 Jul 2018 3:35  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 17 04:06:40 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071618.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 17 02:42:01 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Ini. : 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

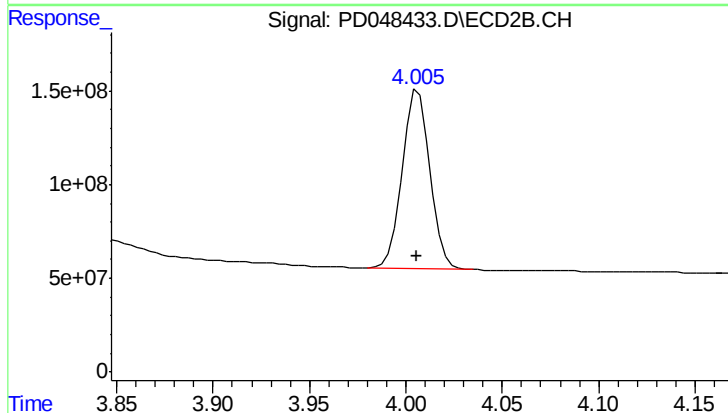




#1 Tetrachloro-m-xylene

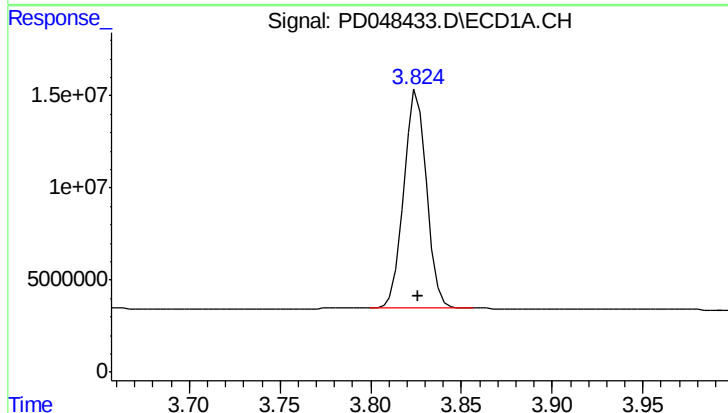
R.T.: 3.393 min  
Delta R.T.: 0.000 min  
Response: 62870664  
Conc: 51.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



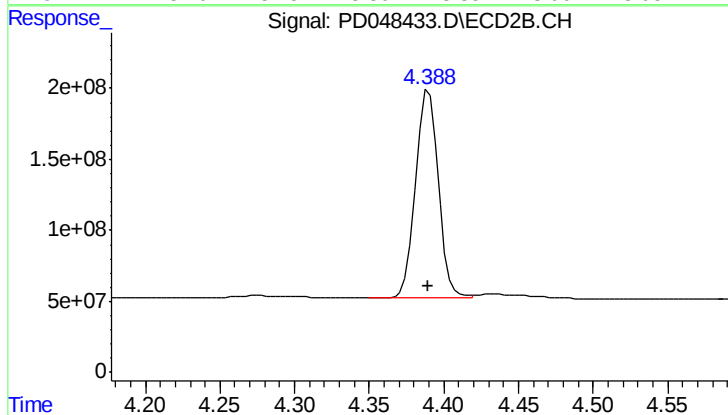
#1 Tetrachloro-m-xylene

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 954287753  
Conc: 51.30 ng/ml



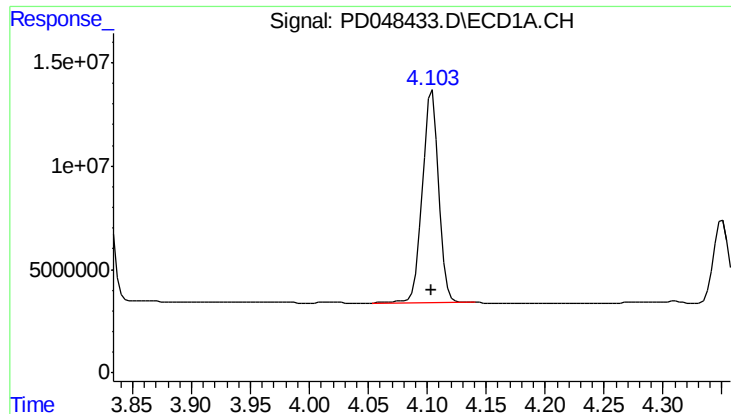
#2 alpha-BHC

R.T.: 3.826 min  
Delta R.T.: 0.000 min  
Response: 103470475  
Conc: 52.19 ng/ml



#2 alpha-BHC

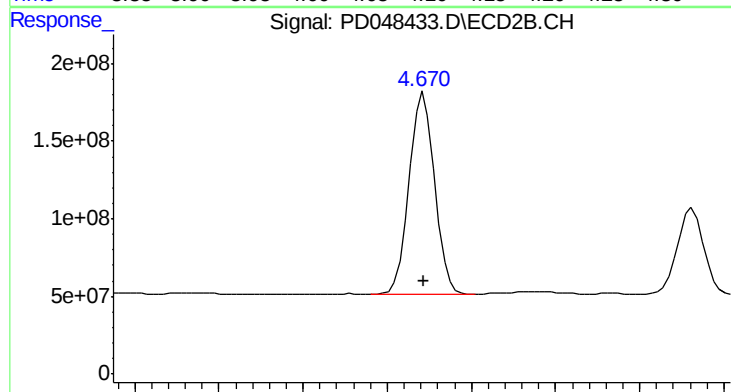
R.T.: 4.390 min  
Delta R.T.: 0.000 min  
Response: 1543033566  
Conc: 50.73 ng/ml



#3 gamma-BHC (Lindane)

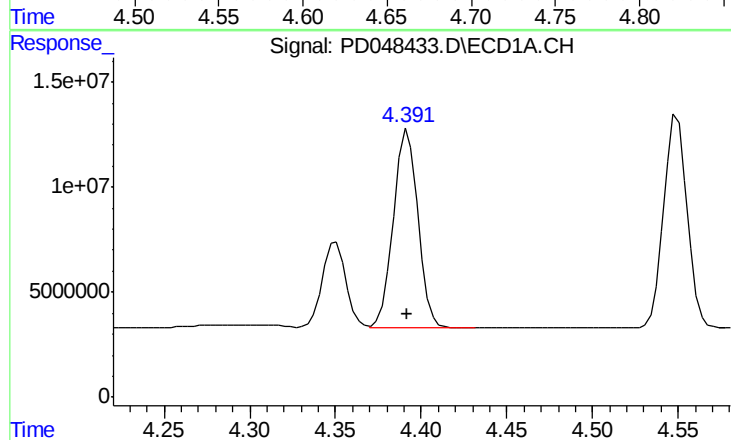
R.T.: 4.104 min  
Delta R.T.: 0.000 min  
Response: 97244077  
Conc: 49.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



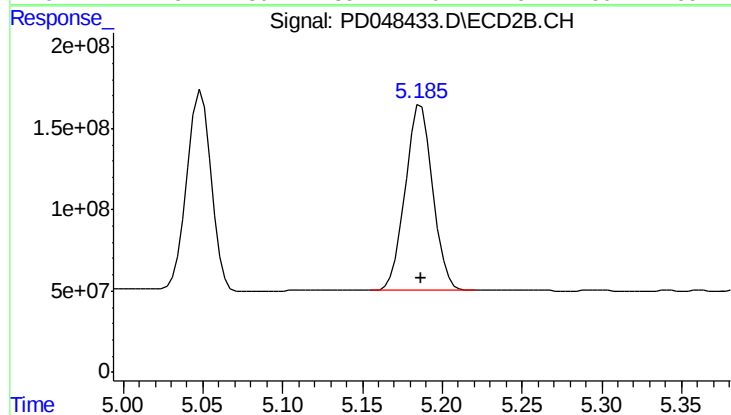
#3 gamma-BHC (Lindane)

R.T.: 4.672 min  
Delta R.T.: 0.000 min  
Response: 1365097506  
Conc: 51.09 ng/ml



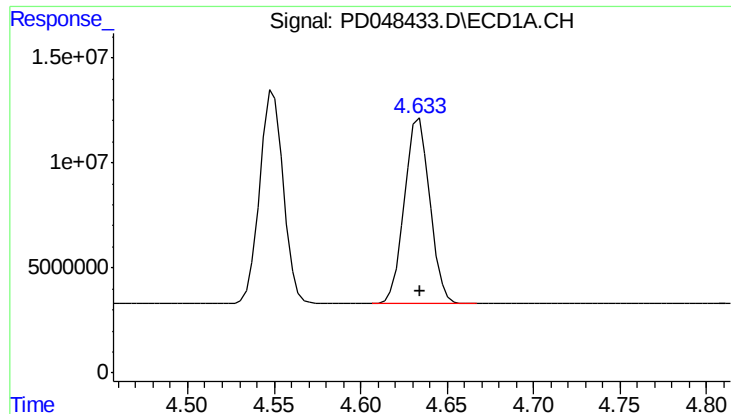
#4 Heptachlor

R.T.: 4.392 min  
Delta R.T.: 0.000 min  
Response: 93492676  
Conc: 53.18 ng/ml



#4 Heptachlor

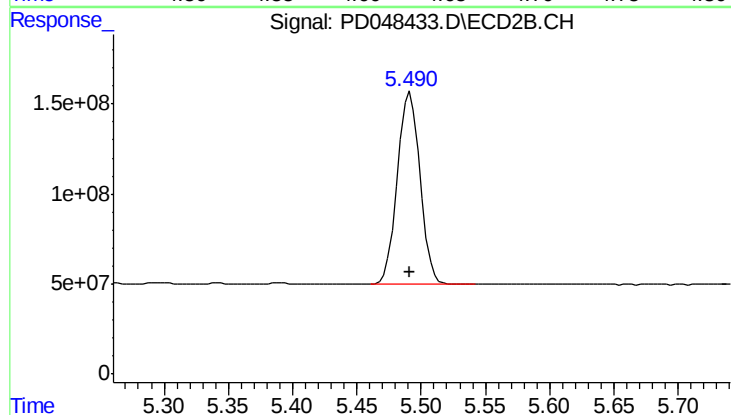
R.T.: 5.187 min  
Delta R.T.: 0.000 min  
Response: 1382352698  
Conc: 52.31 ng/ml



#5 Aldrin

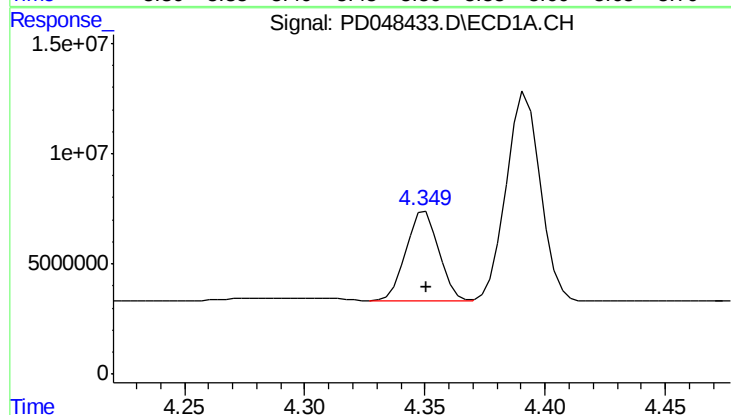
R.T.: 4.634 min  
Delta R.T.: 0.000 min  
Response: 90223427  
Conc: 52.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



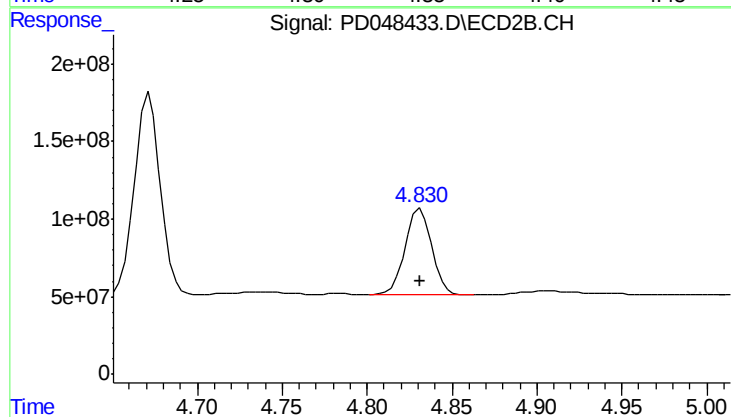
#5 Aldrin

R.T.: 5.492 min  
Delta R.T.: 0.000 min  
Response: 1317225976  
Conc: 51.00 ng/ml



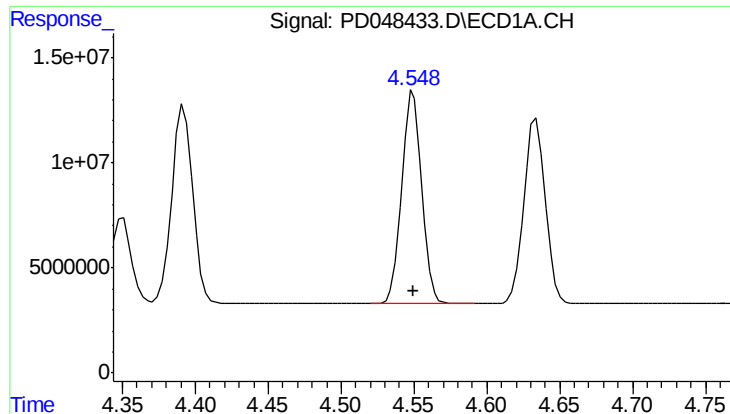
#6 beta-BHC

R.T.: 4.350 min  
Delta R.T.: 0.000 min  
Response: 38740963  
Conc: 52.24 ng/ml



#6 beta-BHC

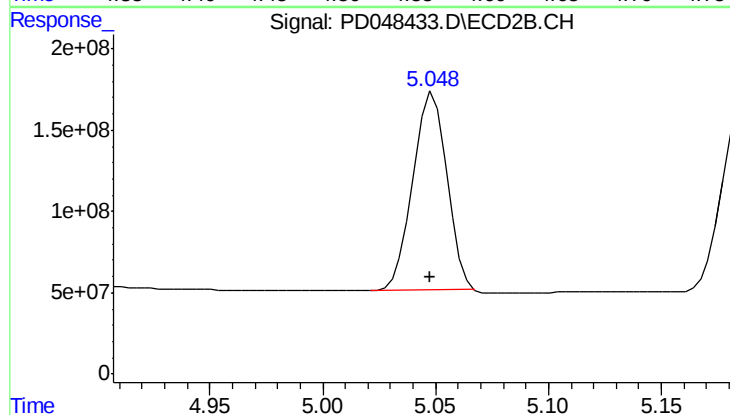
R.T.: 4.832 min  
Delta R.T.: 0.000 min  
Response: 595290642  
Conc: 51.75 ng/ml



#7 delta-BHC

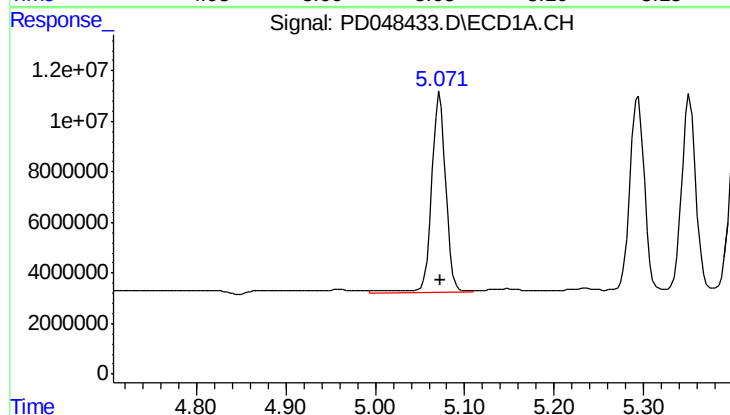
R.T.: 4.550 min  
Delta R.T.: 0.000 min  
Response: 96770928  
Conc: 52.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



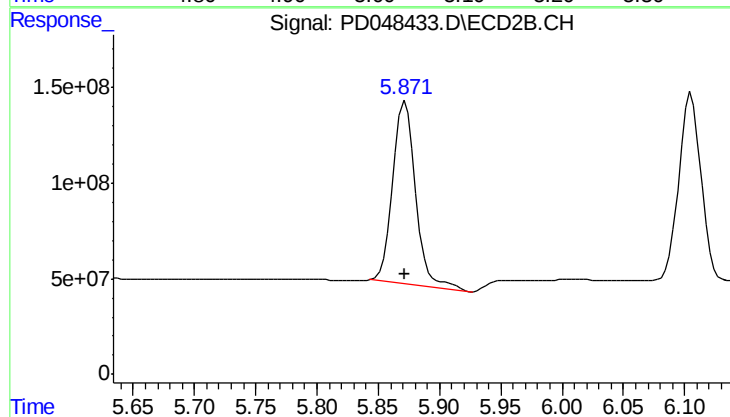
#7 delta-BHC

R.T.: 5.049 min  
Delta R.T.: 0.001 min  
Response: 1270205286  
Conc: 63.00 ng/ml



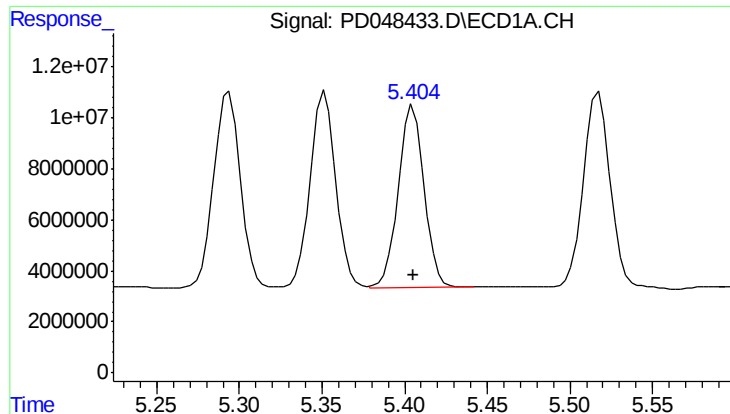
#8 Heptachlor epoxide

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 89826657  
Conc: 56.57 ng/ml



#8 Heptachlor epoxide

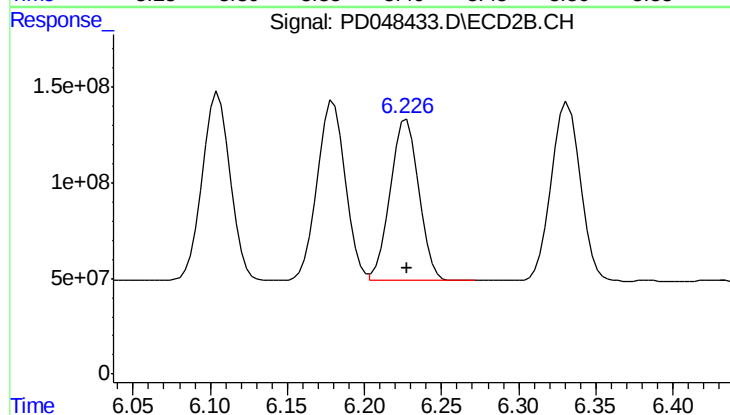
R.T.: 5.872 min  
Delta R.T.: 0.000 min  
Response: 1258083969  
Conc: 62.44 ng/ml



#9 Endosulfan I

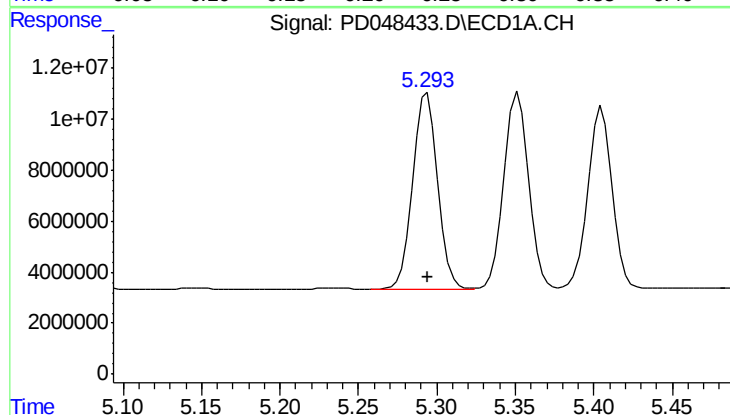
R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 77801496  
Conc: 53.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



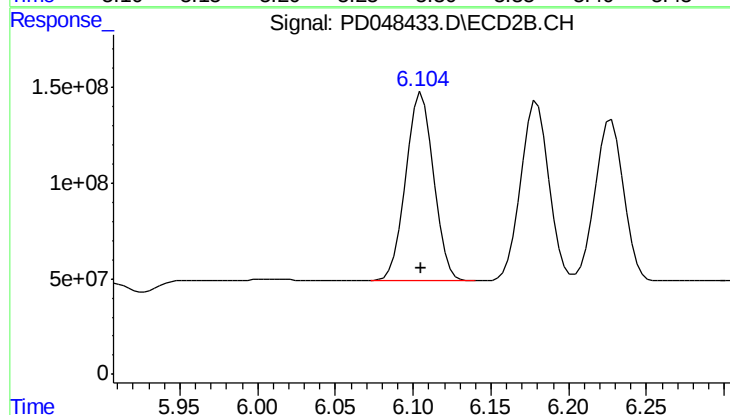
#9 Endosulfan I

R.T.: 6.227 min  
Delta R.T.: 0.000 min  
Response: 1096548712  
Conc: 50.67 ng/ml



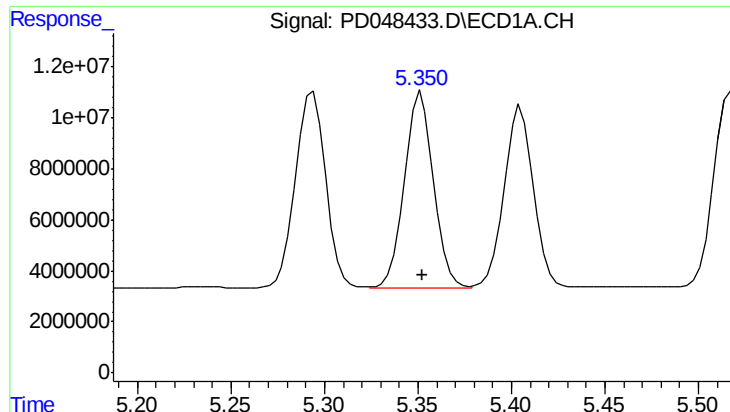
#10 gamma-Chlordane

R.T.: 5.294 min  
Delta R.T.: 0.000 min  
Response: 86626234  
Conc: 53.57 ng/ml



#10 gamma-Chlordane

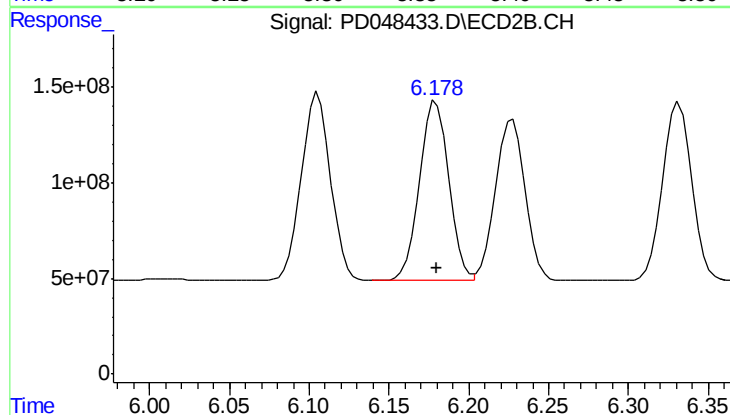
R.T.: 6.106 min  
Delta R.T.: 0.000 min  
Response: 1250305922  
Conc: 52.75 ng/ml



#11 alpha-Chlordane

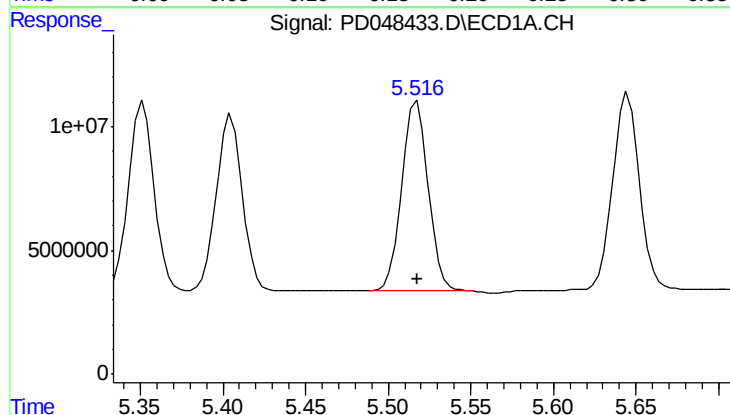
R.T.: 5.352 min  
Delta R.T.: 0.000 min  
Response: 83419021  
Conc: 53.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



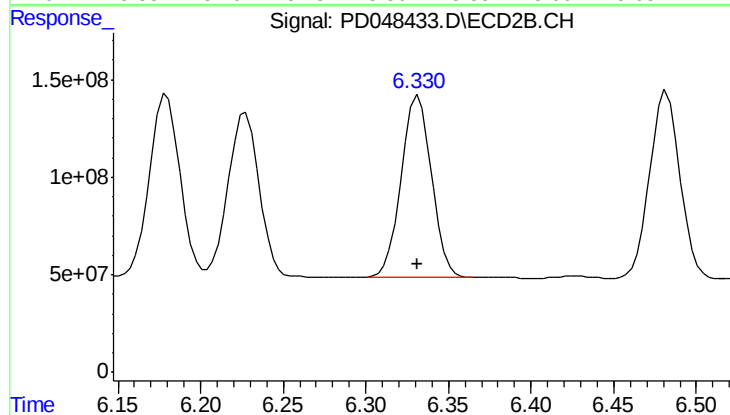
#11 alpha-Chlordane

R.T.: 6.180 min  
Delta R.T.: 0.000 min  
Response: 1206165290  
Conc: 51.34 ng/ml



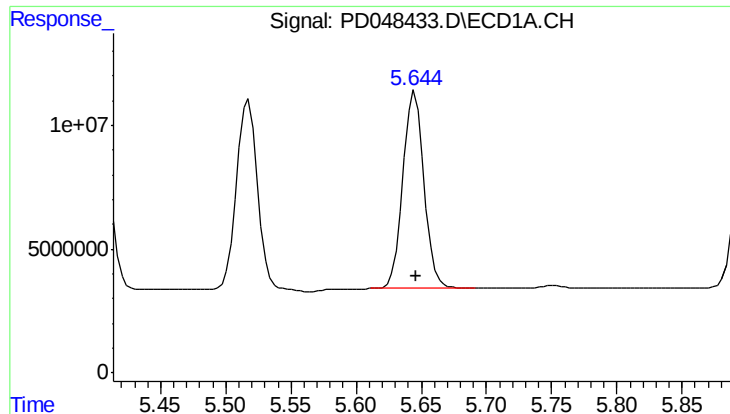
#12 4,4'-DDE

R.T.: 5.518 min  
Delta R.T.: 0.000 min  
Response: 85680699  
Conc: 52.93 ng/ml



#12 4,4'-DDE

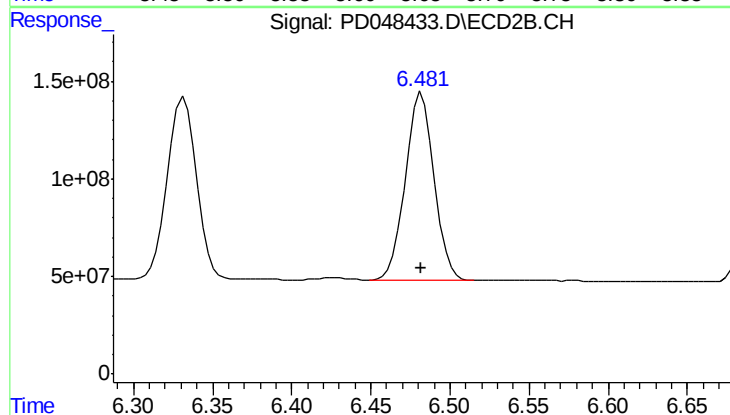
R.T.: 6.332 min  
Delta R.T.: 0.000 min  
Response: 1187882179  
Conc: 51.11 ng/ml



#13 Dielddrin

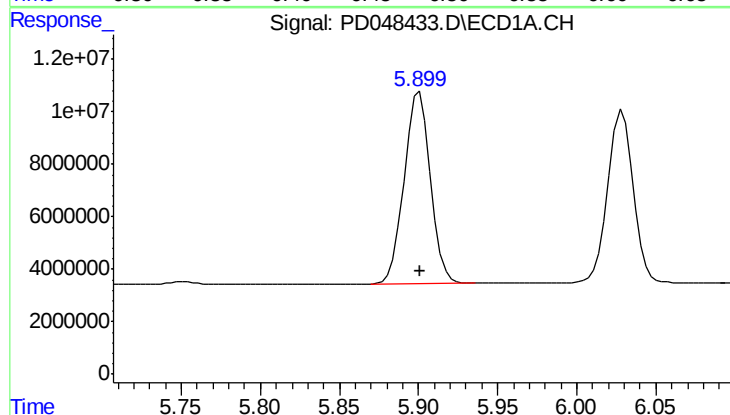
R.T.: 5.645 min  
Delta R.T.: 0.000 min  
Response: 89646545  
Conc: 52.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



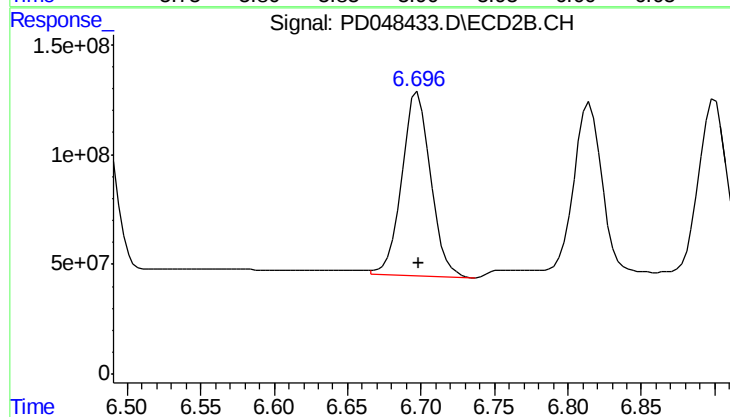
#13 Dielddrin

R.T.: 6.482 min  
Delta R.T.: 0.000 min  
Response: 1221062051  
Conc: 51.53 ng/ml



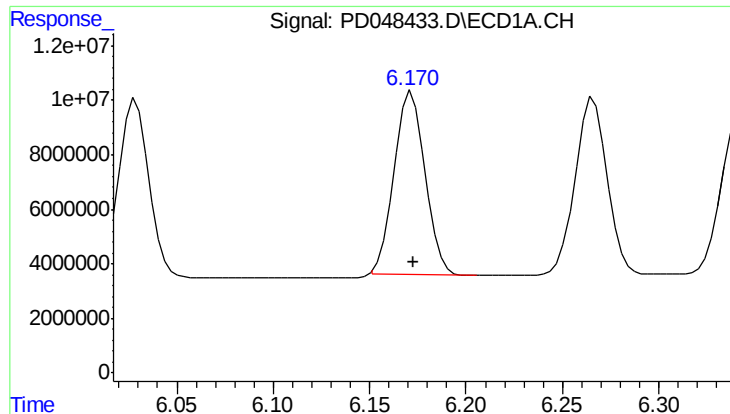
#14 Endrin

R.T.: 5.901 min  
Delta R.T.: 0.000 min  
Response: 84826672  
Conc: 51.78 ng/ml



#14 Endrin

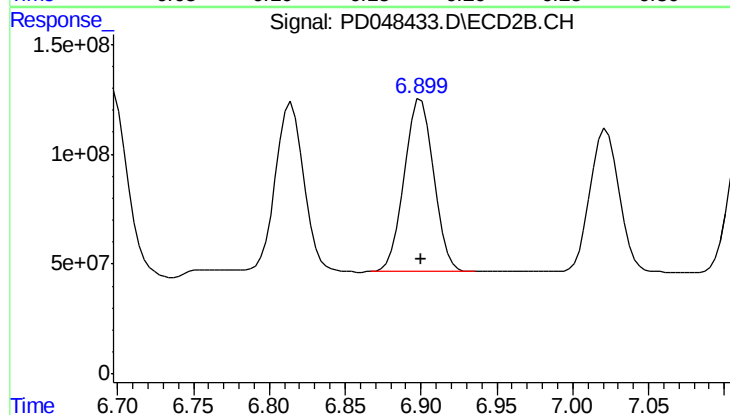
R.T.: 6.698 min  
Delta R.T.: 0.000 min  
Response: 1137717638  
Conc: 53.70 ng/ml



#15 Endosulfan II

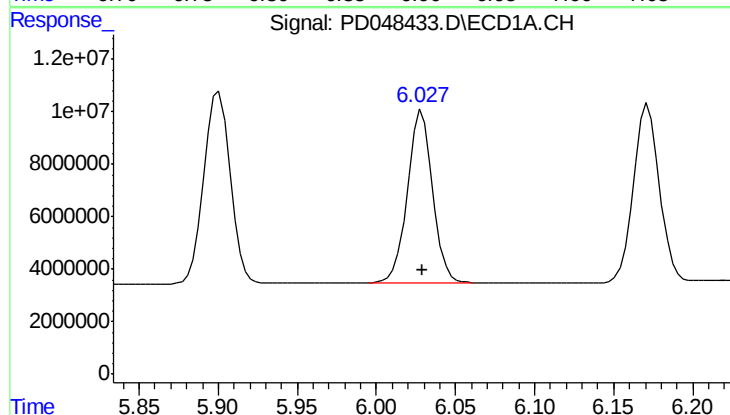
R.T.: 6.172 min  
Delta R.T.: 0.000 min  
Response: 74948678  
Conc: 50.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



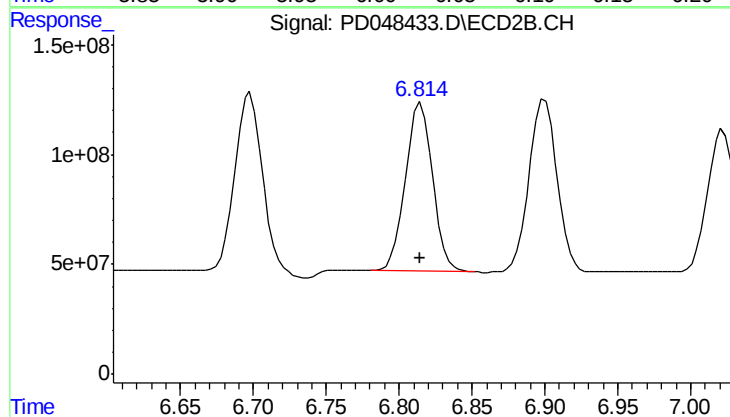
#15 Endosulfan II

R.T.: 6.900 min  
Delta R.T.: 0.000 min  
Response: 1048017295  
Conc: 47.80 ng/ml



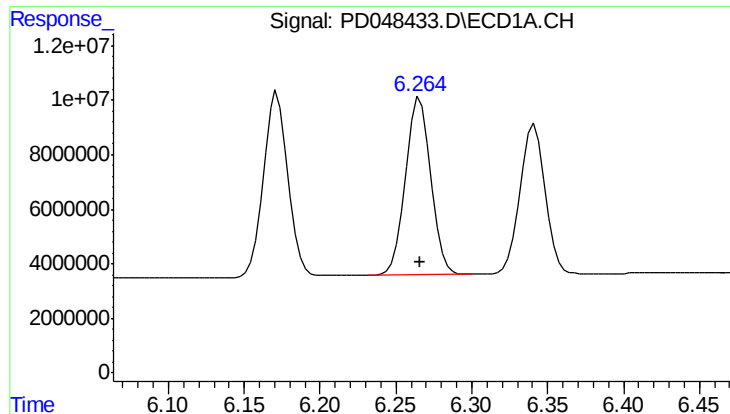
#16 4,4'-DDD

R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 72798289  
Conc: 52.04 ng/ml



#16 4,4'-DDD

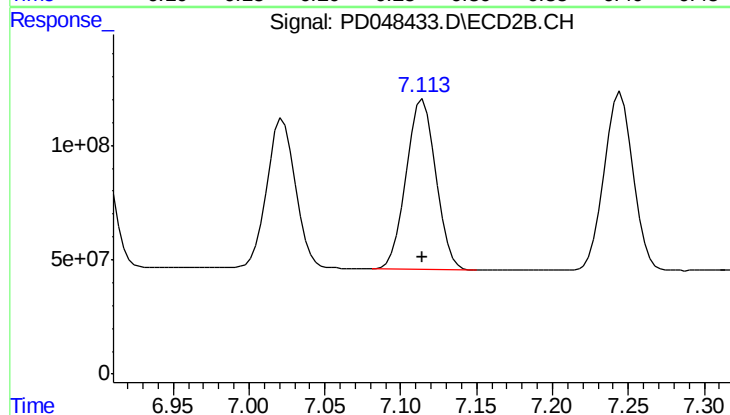
R.T.: 6.815 min  
Delta R.T.: 0.000 min  
Response: 992064471  
Conc: 50.47 ng/ml



#17 4,4'-DDT

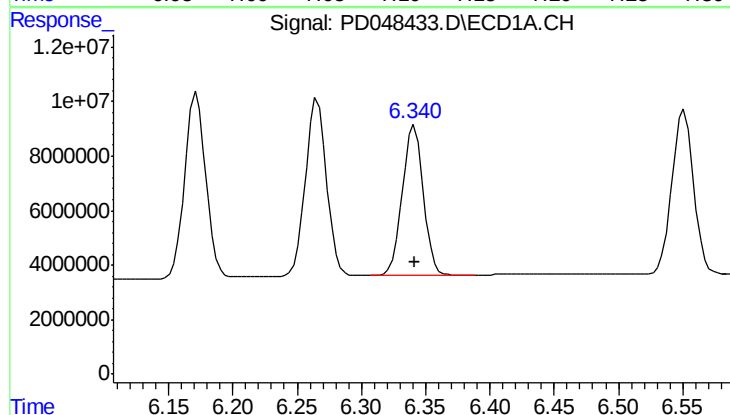
R.T.: 6.266 min  
Delta R.T.: 0.000 min  
Response: 74746273  
Conc: 53.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



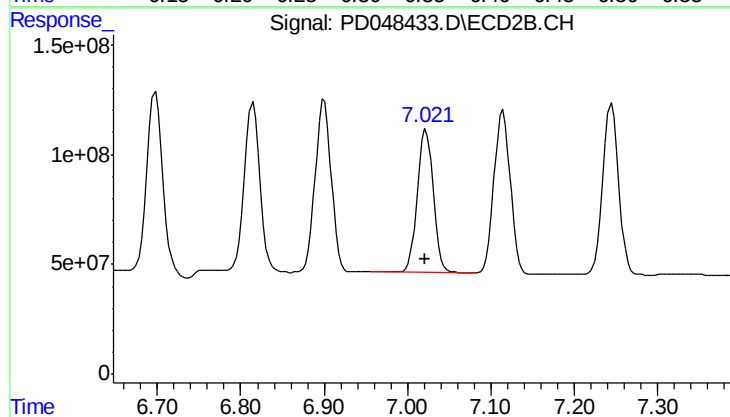
#17 4,4'-DDT

R.T.: 7.115 min  
Delta R.T.: 0.000 min  
Response: 1002823385  
Conc: 52.60 ng/ml



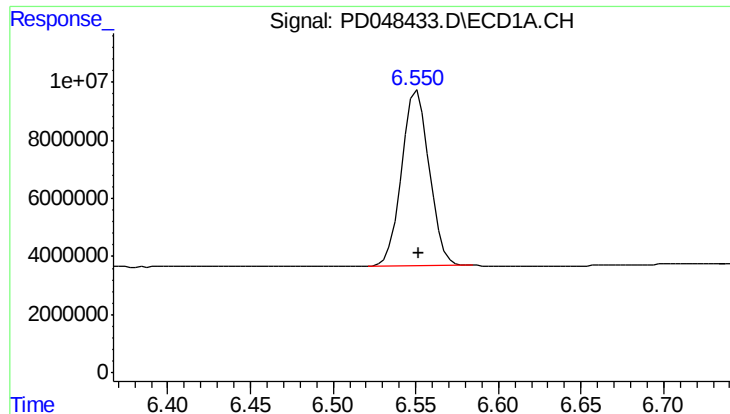
#18 Endrin aldehyde

R.T.: 6.341 min  
Delta R.T.: 0.000 min  
Response: 62815369  
Conc: 51.77 ng/ml



#18 Endrin aldehyde

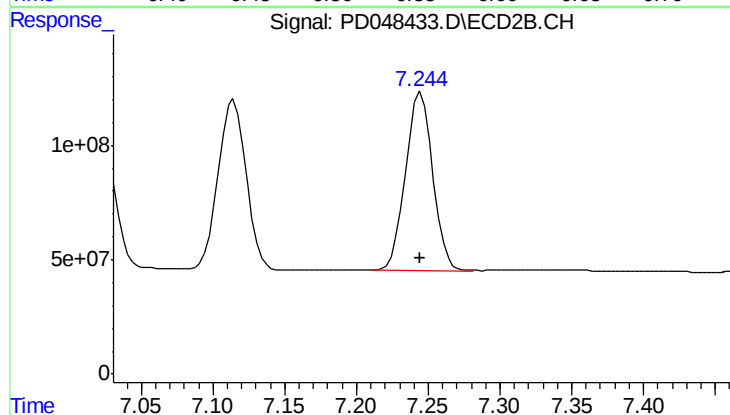
R.T.: 7.022 min  
Delta R.T.: 0.000 min  
Response: 875304127  
Conc: 51.84 ng/ml



#19 Endosulfan Sulfate

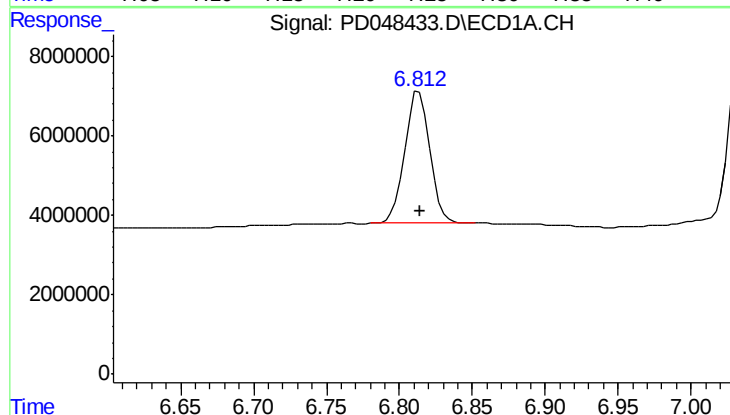
R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 70219633  
Conc: 51.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



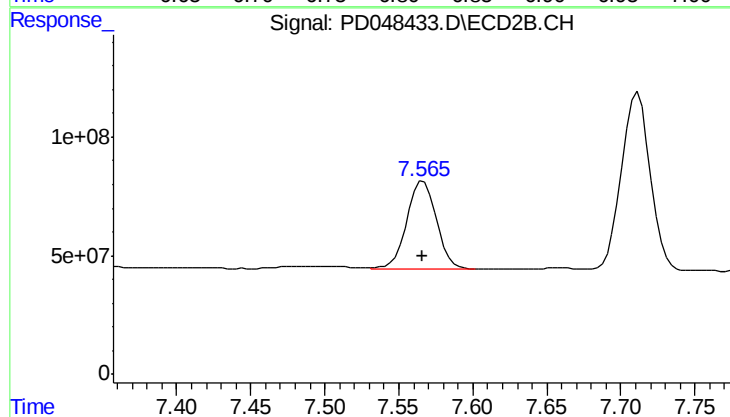
#19 Endosulfan Sulfate

R.T.: 7.245 min  
Delta R.T.: 0.000 min  
Response: 1024023011  
Conc: 51.93 ng/ml



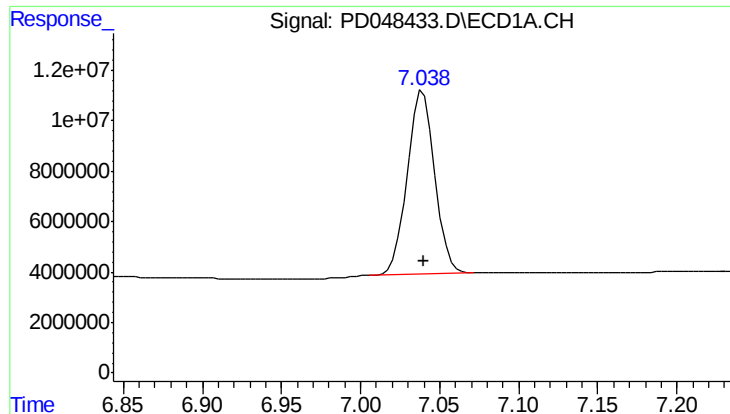
#20 Methoxychlor

R.T.: 6.813 min  
Delta R.T.: 0.000 min  
Response: 39888988  
Conc: 51.24 ng/ml



#20 Methoxychlor

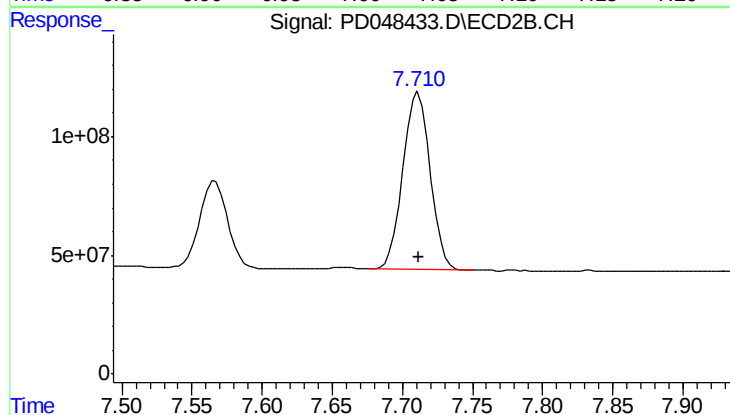
R.T.: 7.567 min  
Delta R.T.: 0.000 min  
Response: 506380248  
Conc: 52.67 ng/ml



#21 Endrin ketone

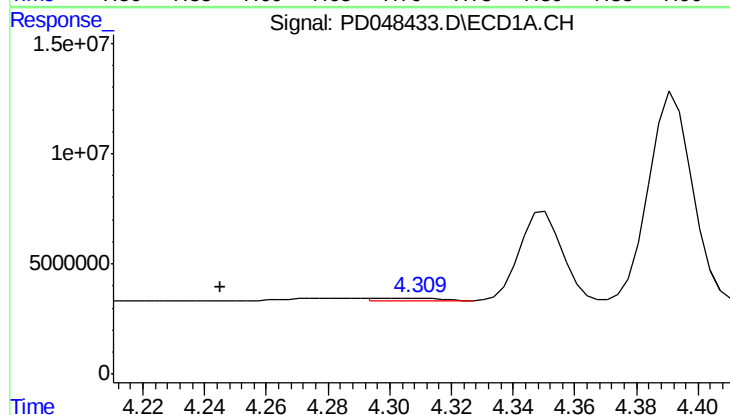
R.T.: 7.040 min  
Delta R.T.: 0.000 min  
Response: 87973768  
Conc: 51.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



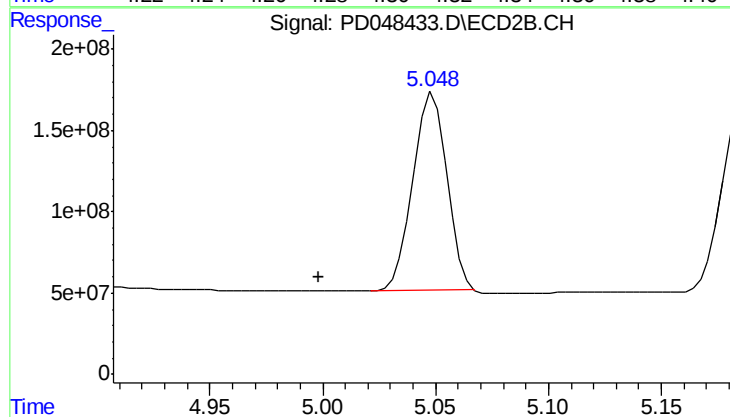
#21 Endrin ketone

R.T.: 7.712 min  
Delta R.T.: 0.000 min  
Response: 1006382810  
Conc: 51.77 ng/ml



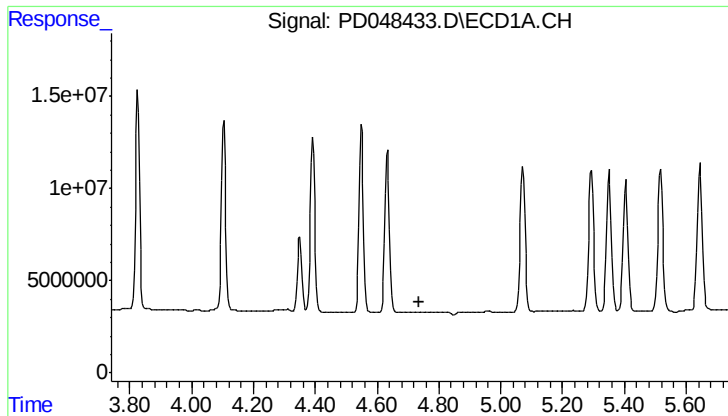
#23 Chlordane-1

R.T.: 4.310 min  
Delta R.T.: 0.005 min  
Response: 1663254  
Conc: 28.07 ng/ml



#23 Chlordane-1

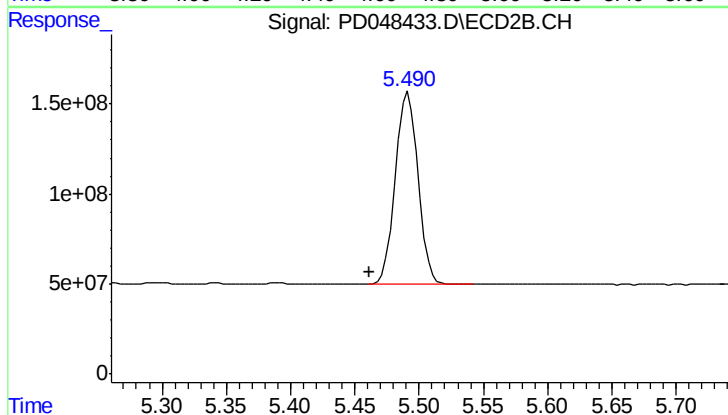
R.T.: 5.049 min  
Delta R.T.: 0.051 min  
Response: 1270205286  
Conc: 1268.06 ng/ml



#24 Chlordane-2

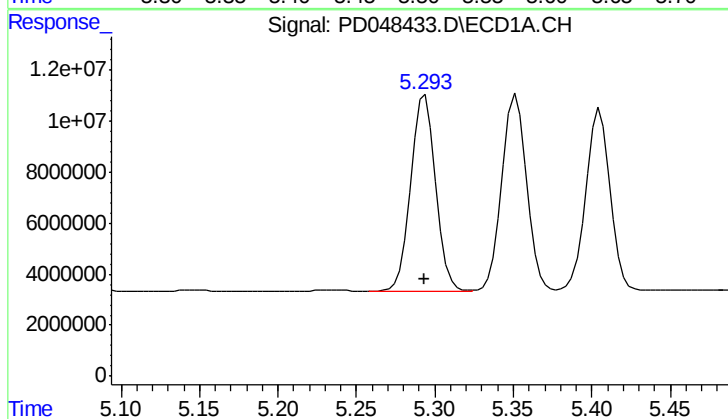
R.T.: 0.000 min  
Exp R.T.: 4.737 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



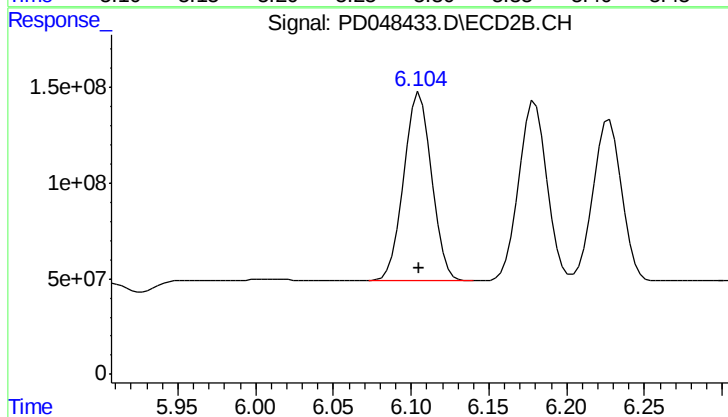
#24 Chlordane-2

R.T.: 5.492 min  
Delta R.T.: 0.030 min  
Response: 1317225976  
Conc: 1386.84 ng/ml



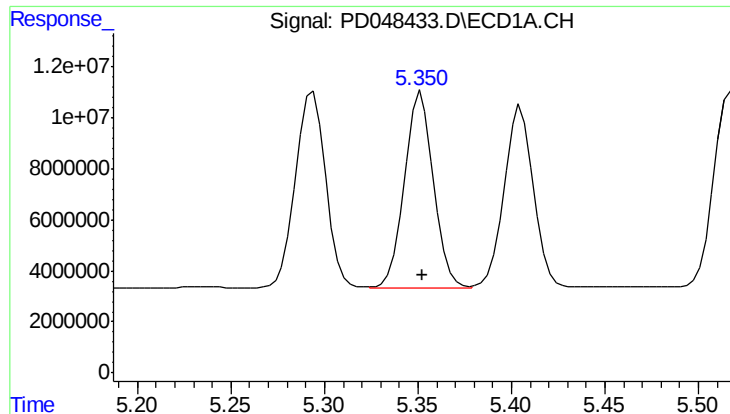
#25 Chlordane-3

R.T.: 5.294 min  
Delta R.T.: 0.000 min  
Response: 86626234  
Conc: 447.77 ng/ml



#25 Chlordane-3

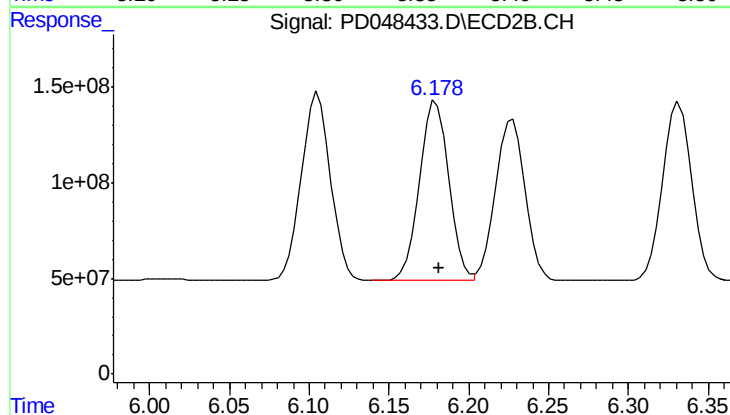
R.T.: 6.106 min  
Delta R.T.: 0.000 min  
Response: 1250305922  
Conc: 362.09 ng/ml



#26 Chlordane-4

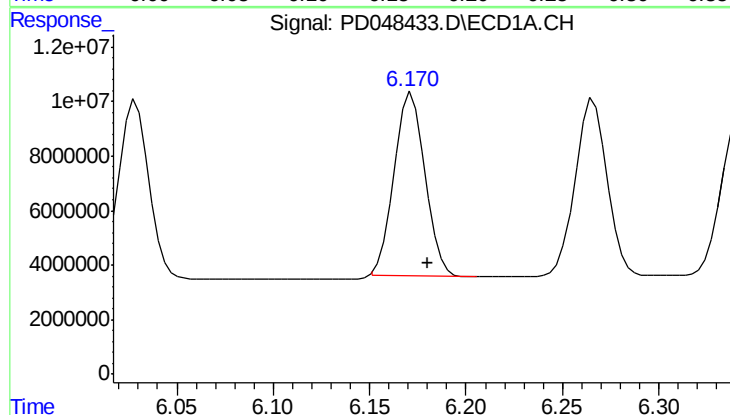
R.T.: 5.352 min  
Delta R.T.: 0.000 min  
Response: 83419021  
Conc: 497.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



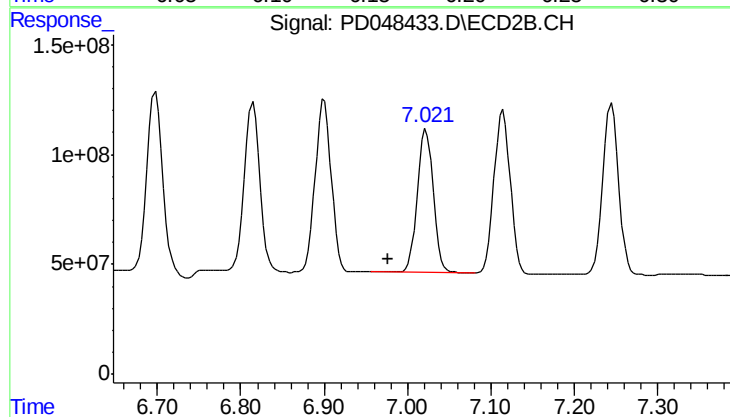
#26 Chlordane-4

R.T.: 6.180 min  
Delta R.T.: -0.002 min  
Response: 1206165290  
Conc: 300.39 ng/ml



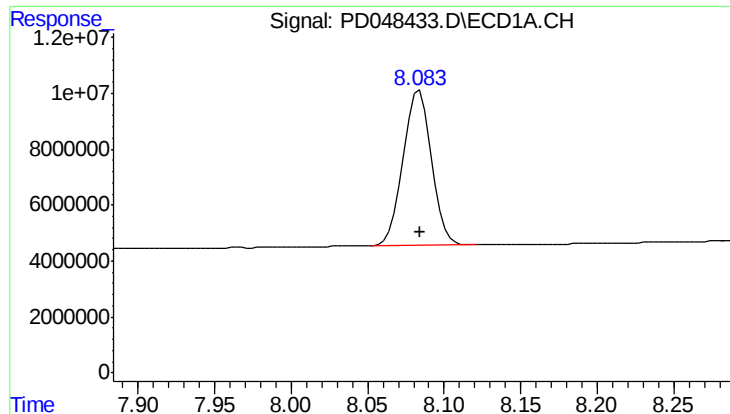
#27 Chlordane-5

R.T.: 6.172 min  
Delta R.T.: -0.008 min  
Response: 74948678  
Conc: 1270.19 ng/ml



#27 Chlordane-5

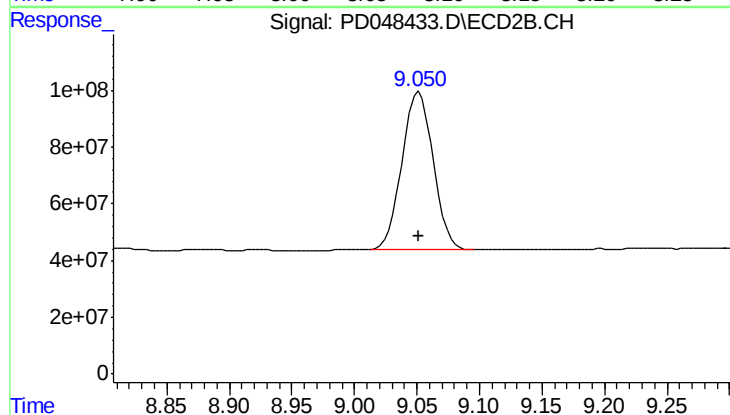
R.T.: 7.022 min  
Delta R.T.: 0.046 min  
Response: 875304127  
Conc: 967.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.084 min  
Delta R.T.: 0.000 min  
Response: 71713501  
Conc: 50.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: 0.000 min  
Response: 954506590  
Conc: 50.79 ng/ml