

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080522\  
 Data File : PD071377.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Aug 2022 19:17  
 Operator : AR\AJ  
 Sample : N4023-02MS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TP1-1-6MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 05 22:41:53 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 26 03:39:07 2022  
 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... | 2.815 | 3.573 | 49295694 | 539.4E6  | 17.382 | 19.161 |
| 2)                          | SA Decachlor... | 8.014 | 9.102 | 51849130 | 221.9E6  | 18.694 | 21.430 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.325 | 4.039 | 210.3E6  | 1859.9E6 | 50.148 | 50.100 |
| 3)                          | MA gamma-BHC... | 3.659 | 4.375 | 198.7E6  | 1484.0E6 | 49.667 | 49.562 |
| 4)                          | MA Heptachlor   | 4.006 | 4.954 | 216.7E6  | 1129.1E6 | 51.081 | 53.403 |
| 5)                          | MB Aldrin       | 4.290 | 5.296 | 210.3E6  | 944.1E6  | 51.561 | 53.458 |
| 6)                          | B beta-BHC      | 3.957 | 4.582 | 78836183 | 589.3E6  | 46.148 | 49.753 |
| 7)                          | B delta-BHC     | 4.191 | 4.830 | 194.6E6  | 1179.8E6 | 49.576 | 59.283 |
| 8)                          | B Heptachlo...  | 4.797 | 5.728 | 186.1E6  | 809.7E6  | 50.825 | 61.954 |
| 9)                          | A Endosulfan I  | 5.171 | 6.115 | 174.7E6  | 744.7E6  | 51.004 | 54.163 |
| 10)                         | B gamma-Chl...  | 5.050 | 5.982 | 190.5E6  | 801.9E6  | 50.133 | 54.606 |
| 11)                         | B alpha-Chl...  | 5.115 | 6.060 | 186.8E6  | 785.0E6  | 50.262 | 54.135 |
| 12)                         | B 4,4'-DDE      | 5.305 | 6.232 | 173.9E6  | 778.4E6  | 50.799 | 54.457 |
| 13)                         | MA Dieldrin     | 5.439 | 6.392 | 186.8E6  | 807.3E6  | 51.584 | 54.941 |
| 14)                         | MA Endrin       | 5.716 | 6.625 | 159.1E6  | 662.6E6  | 50.256 | 52.968 |
| 15)                         | B Endosulfa...  | 6.011 | 6.851 | 149.5E6  | 665.0E6  | 49.755 | 53.636 |
| 16)                         | A 4,4'-DDD      | 5.864 | 6.756 | 151.3E6  | 690.1E6  | 53.077 | 58.020 |
| 17)                         | MA 4,4'-DDT     | 6.118 | 7.067 | 145.4E6  | 696.8E6  | 49.262 | 53.424 |
| 18)                         | B Endrin al...  | 6.192 | 6.982 | 118.2E6  | 537.0E6  | 53.611 | 55.433 |
| 19)                         | B Endosulfa...  | 6.417 | 7.214 | 150.0E6  | 657.7E6  | 52.161 | 55.145 |
| 20)                         | A Methoxychlor  | 6.699 | 7.543 | 76641852 | 354.1E6  | 46.463 | 51.368 |
| 21)                         | B Endrin ke...  | 6.927 | 7.706 | 178.2E6  | 771.8E6  | 54.700 | 57.494 |
| 22)                         | Mirex           | 7.115 | 8.168 | 129.8E6  | 509.4E6  | 52.999 | 59.218 |
| -----                       |                 |       |       |          |          |        |        |

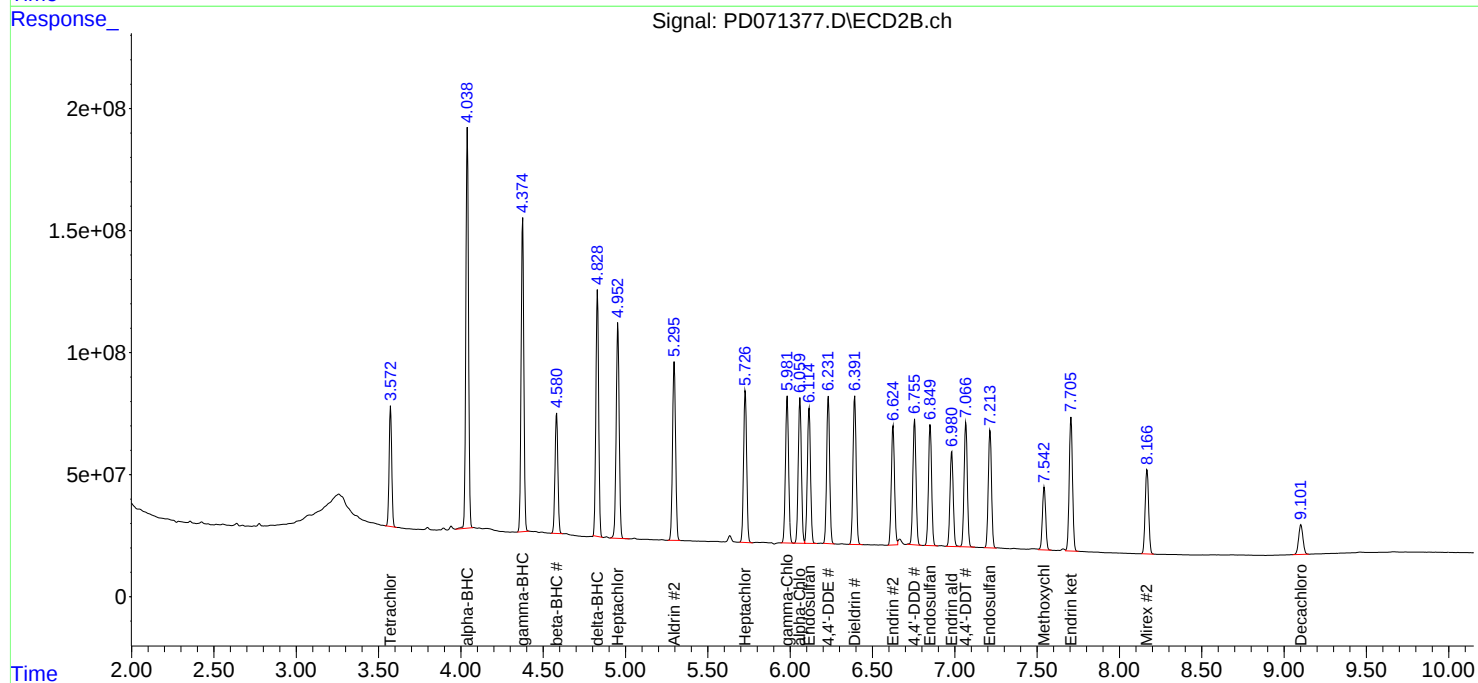
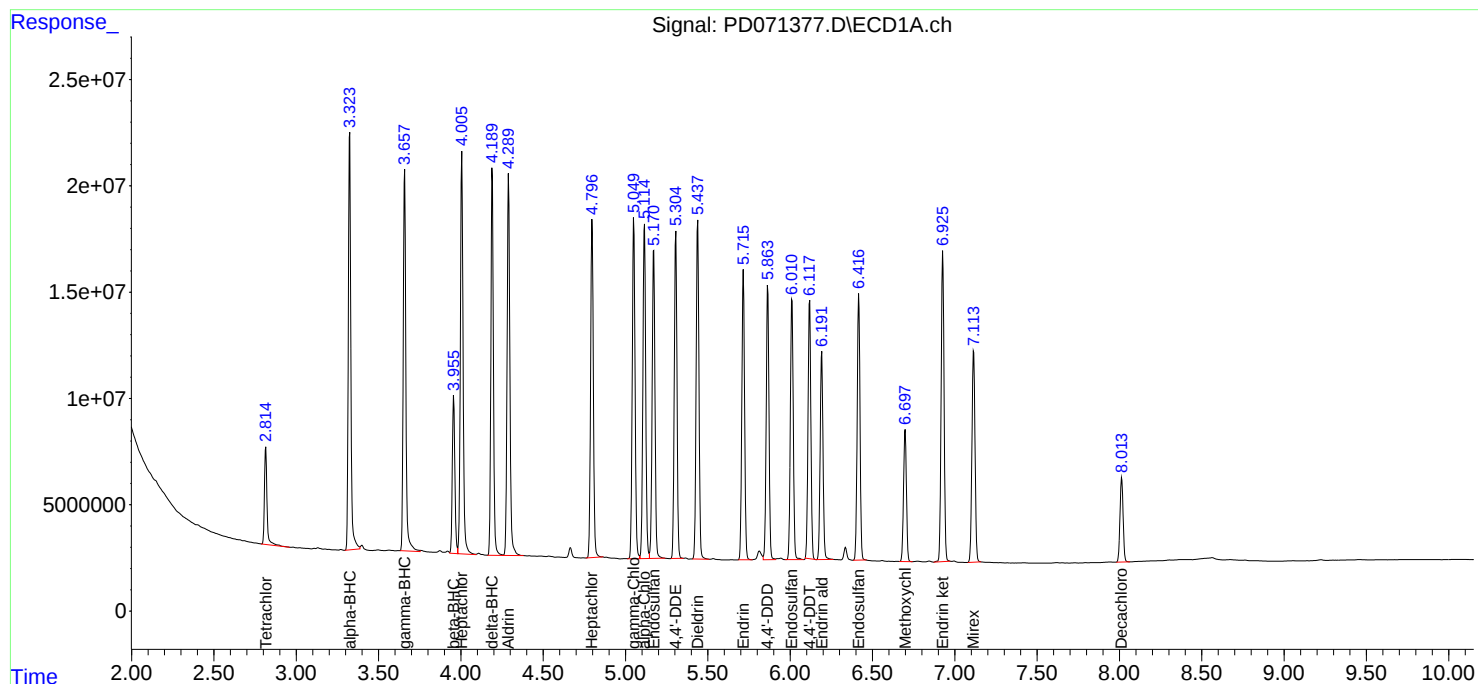
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

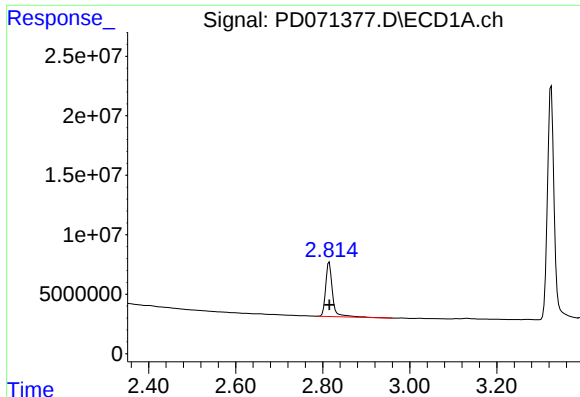
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080522\  
Data File : PD071377.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Aug 2022 19:17  
Operator : AR\AJ  
Sample : N4023-02MS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
TP1-1-6MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 05 22:41:53 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072622.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 26 03:39:07 2022  
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

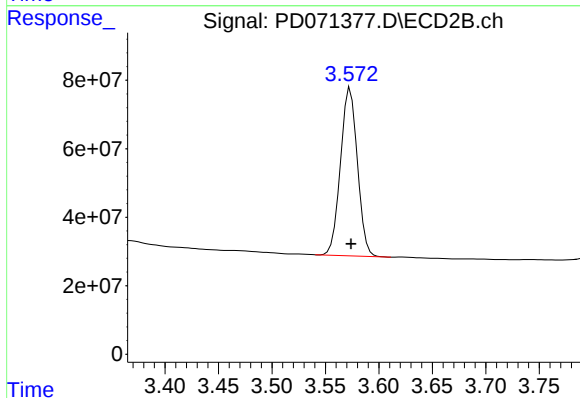




#1 Tetrachloro-m-xylene

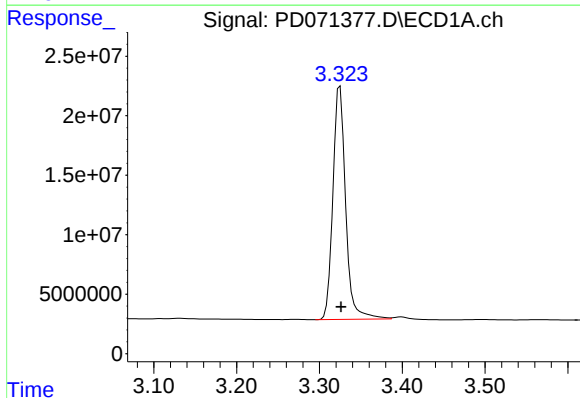
R.T.: 2.815 min  
Delta R.T.: 0.000 min  
Response: 49295694  
Conc: 17.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP1-1-6MS



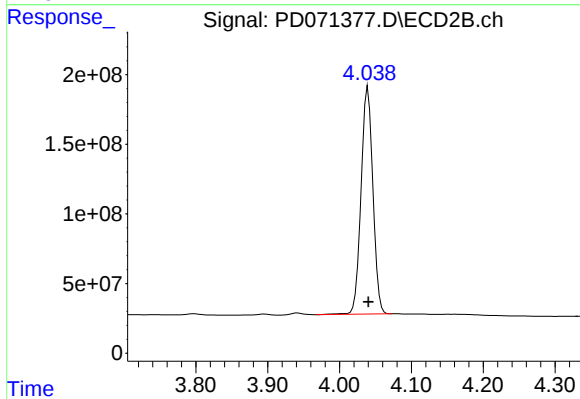
#1 Tetrachloro-m-xylene

R.T.: 3.573 min  
Delta R.T.: 0.000 min  
Response: 539388550  
Conc: 19.16 ng/ml



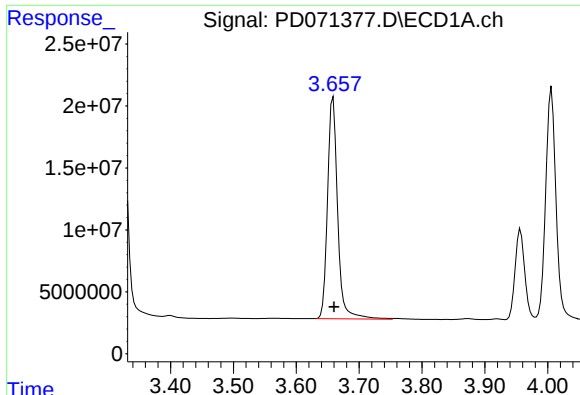
#2 alpha-BHC

R.T.: 3.325 min  
Delta R.T.: -0.001 min  
Response: 210293896  
Conc: 50.15 ng/ml



#2 alpha-BHC

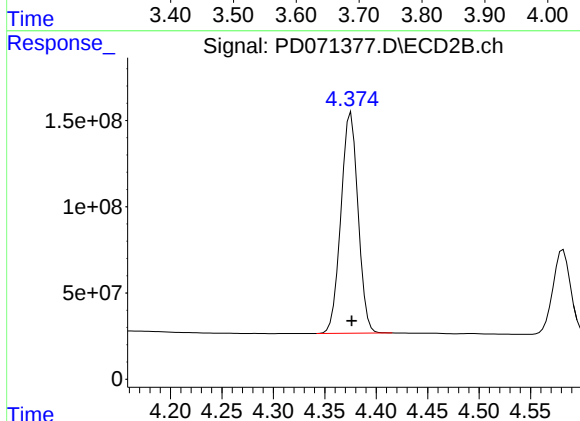
R.T.: 4.039 min  
Delta R.T.: 0.000 min  
Response: 1859895739  
Conc: 50.10 ng/ml



#3 gamma-BHC (Lindane)

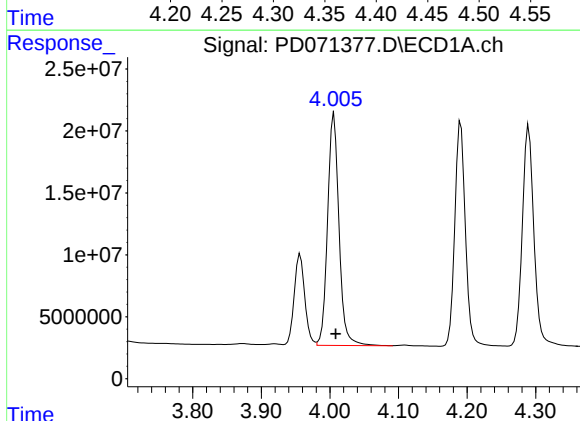
R.T.: 3.659 min  
Delta R.T.: -0.002 min  
Response: 198674784  
Conc: 49.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP1-1-6MS



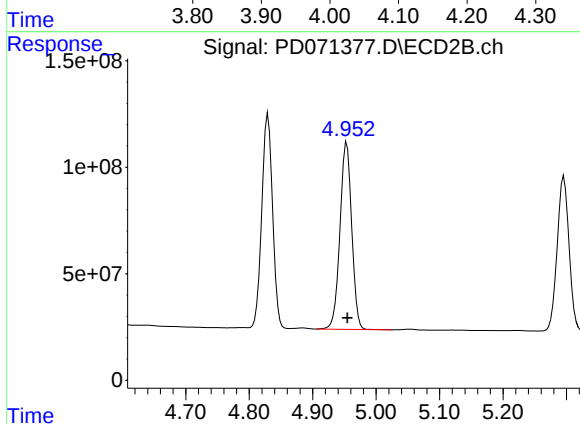
#3 gamma-BHC (Lindane)

R.T.: 4.375 min  
Delta R.T.: 0.000 min  
Response: 1484026777  
Conc: 49.56 ng/ml



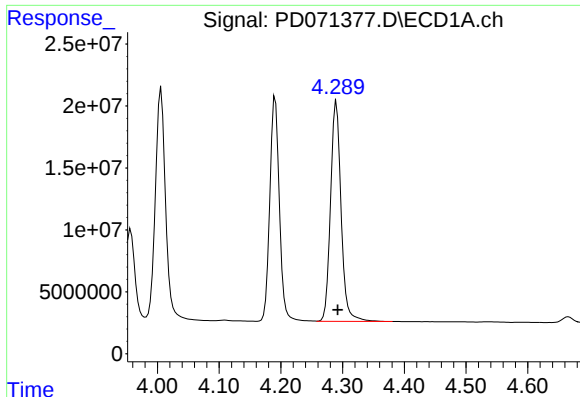
#4 Heptachlor

R.T.: 4.006 min  
Delta R.T.: -0.003 min  
Response: 216665561  
Conc: 51.08 ng/ml



#4 Heptachlor

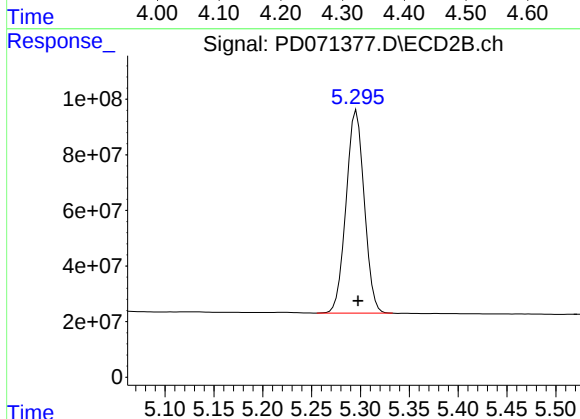
R.T.: 4.954 min  
Delta R.T.: -0.001 min  
Response: 1129143643  
Conc: 53.40 ng/ml



#5 Aldrin

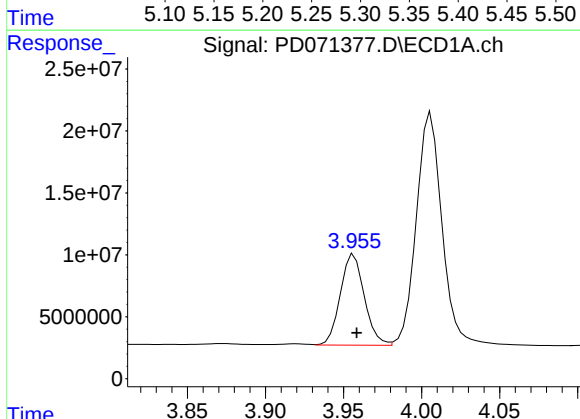
R.T.: 4.290 min  
Delta R.T.: -0.003 min  
Response: 210276765  
Conc: 51.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP1-1-6MS



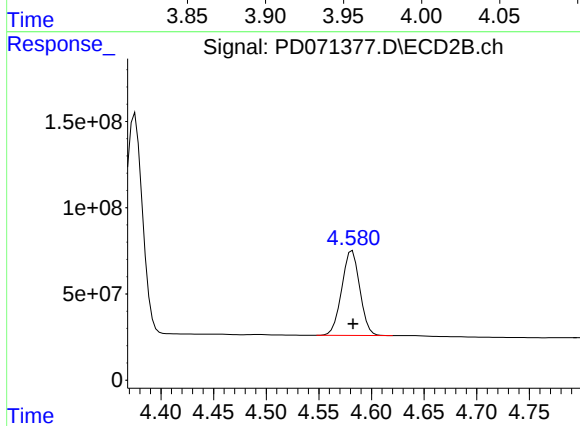
#5 Aldrin

R.T.: 5.296 min  
Delta R.T.: -0.002 min  
Response: 944084908  
Conc: 53.46 ng/ml



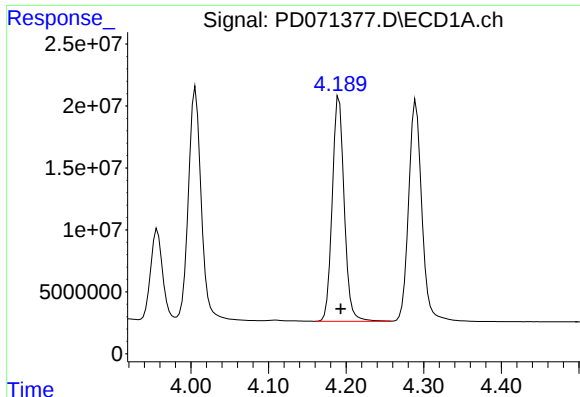
#6 beta-BHC

R.T.: 3.957 min  
Delta R.T.: -0.002 min  
Response: 78836183  
Conc: 46.15 ng/ml



#6 beta-BHC

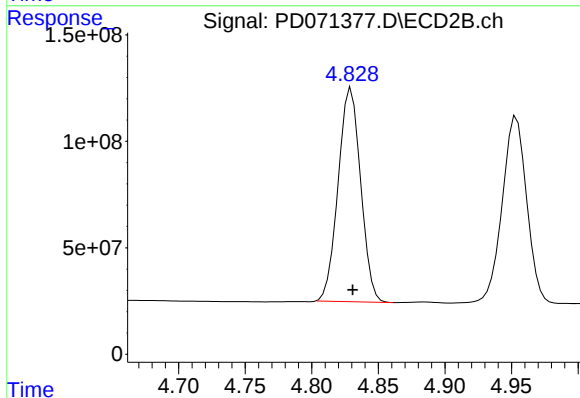
R.T.: 4.582 min  
Delta R.T.: 0.000 min  
Response: 589303281  
Conc: 49.75 ng/ml



#7 delta-BHC

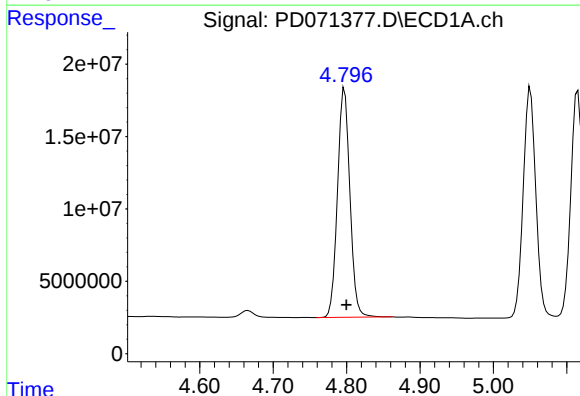
R.T.: 4.191 min  
Delta R.T.: -0.002 min  
Response: 194584464  
Conc: 49.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP1-1-6MS



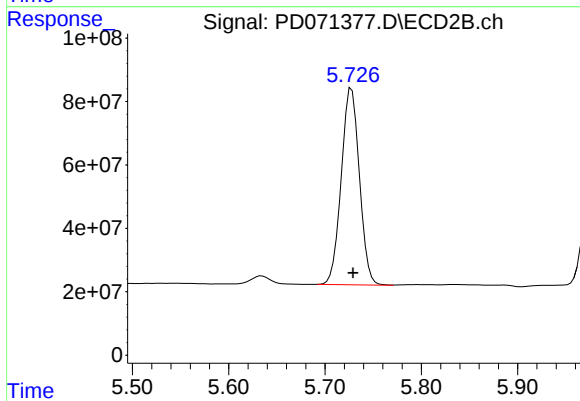
#7 delta-BHC

R.T.: 4.830 min  
Delta R.T.: -0.001 min  
Response: 1179778958  
Conc: 59.28 ng/ml



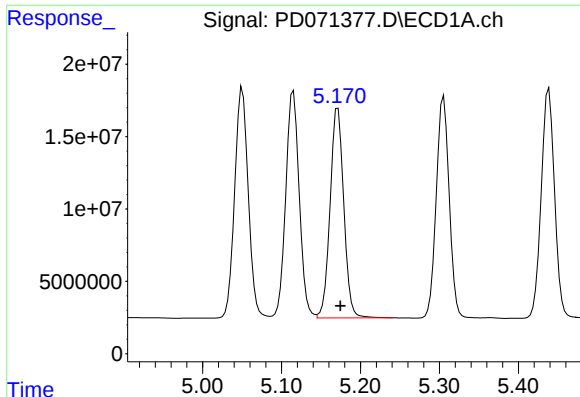
#8 Heptachlor epoxide

R.T.: 4.797 min  
Delta R.T.: -0.002 min  
Response: 186125625  
Conc: 50.82 ng/ml



#8 Heptachlor epoxide

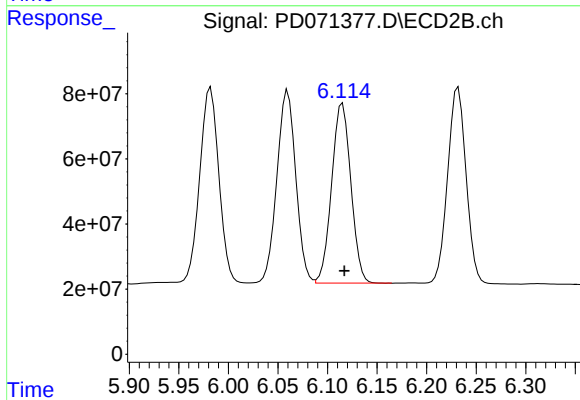
R.T.: 5.728 min  
Delta R.T.: -0.001 min  
Response: 809657028  
Conc: 61.95 ng/ml



#9 Endosulfan I

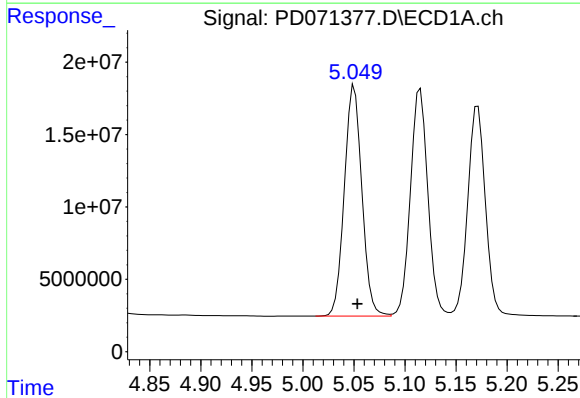
R.T.: 5.171 min  
Delta R.T.: -0.003 min  
Response: 174699364  
Conc: 51.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP1-1-6MS



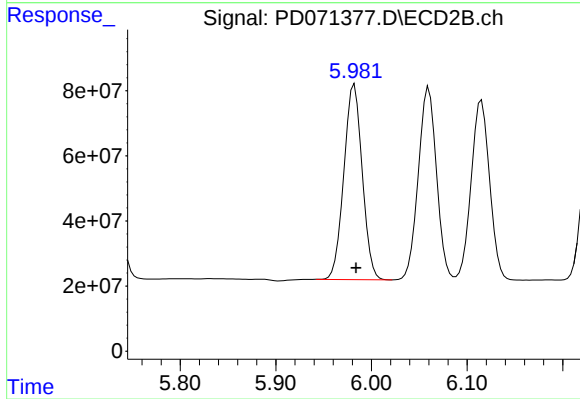
#9 Endosulfan I

R.T.: 6.115 min  
Delta R.T.: -0.002 min  
Response: 744696534  
Conc: 54.16 ng/ml



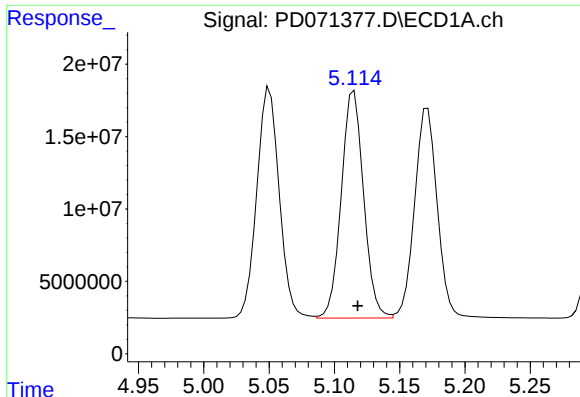
#10 gamma-Chlordane

R.T.: 5.050 min  
Delta R.T.: -0.003 min  
Response: 190493929  
Conc: 50.13 ng/ml



#10 gamma-Chlordane

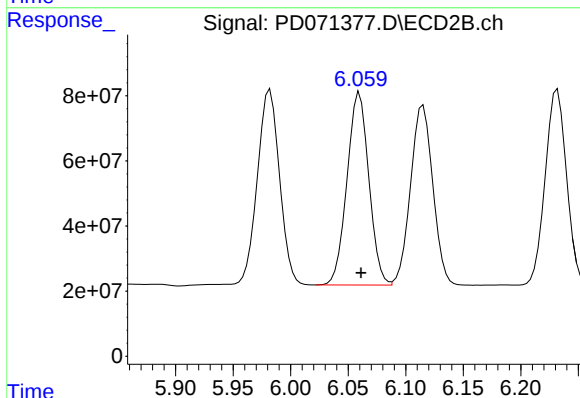
R.T.: 5.982 min  
Delta R.T.: -0.002 min  
Response: 801912734  
Conc: 54.61 ng/ml



#11 alpha-Chlordane

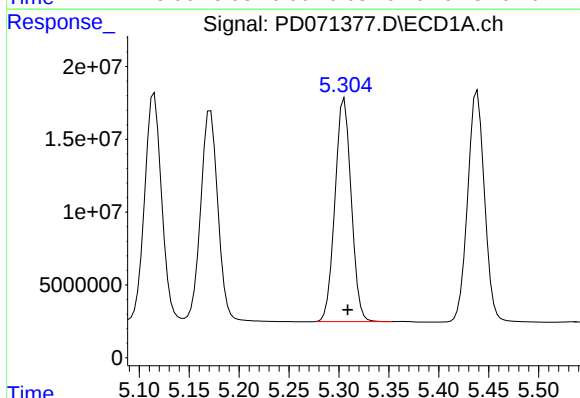
R.T.: 5.115 min  
Delta R.T.: -0.003 min  
Response: 186758787  
Conc: 50.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP1-1-6MS



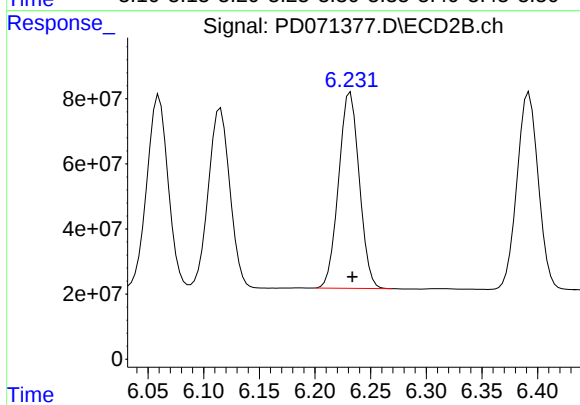
#11 alpha-Chlordane

R.T.: 6.060 min  
Delta R.T.: -0.001 min  
Response: 784998987  
Conc: 54.14 ng/ml



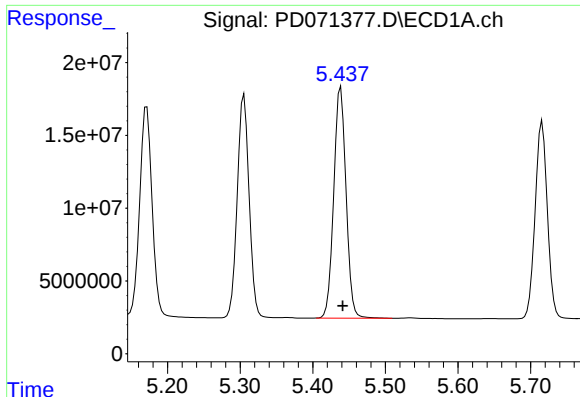
#12 4,4'-DDE

R.T.: 5.305 min  
Delta R.T.: -0.003 min  
Response: 173863361  
Conc: 50.80 ng/ml



#12 4,4'-DDE

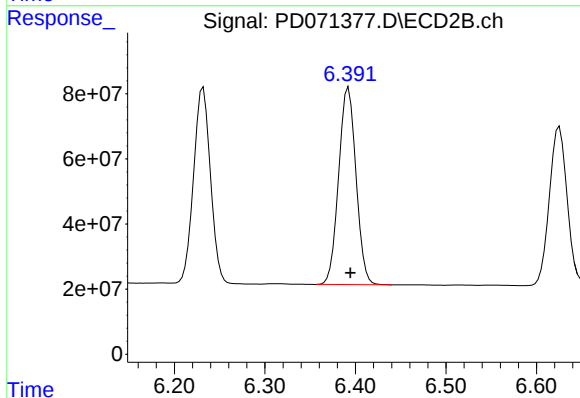
R.T.: 6.232 min  
Delta R.T.: -0.002 min  
Response: 778443973  
Conc: 54.46 ng/ml



#13 Dieldrin

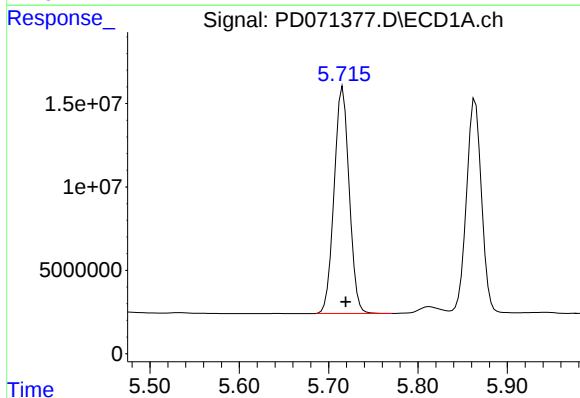
R.T.: 5.439 min  
Delta R.T.: -0.003 min  
Response: 186833473  
Conc: 51.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP1-1-6MS



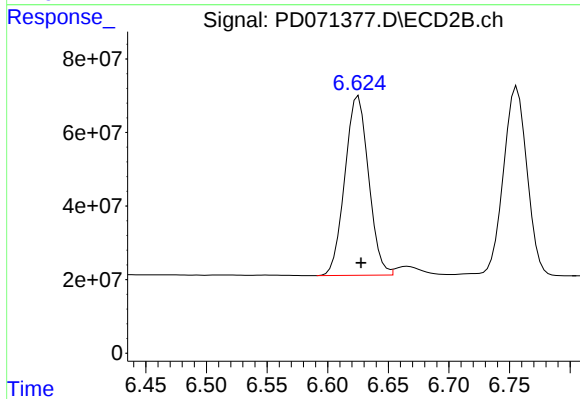
#13 Dieldrin

R.T.: 6.392 min  
Delta R.T.: -0.002 min  
Response: 807349010  
Conc: 54.94 ng/ml



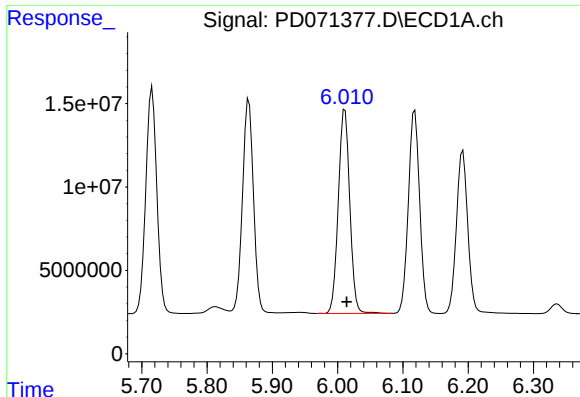
#14 Endrin

R.T.: 5.716 min  
Delta R.T.: -0.003 min  
Response: 159118100  
Conc: 50.26 ng/ml



#14 Endrin

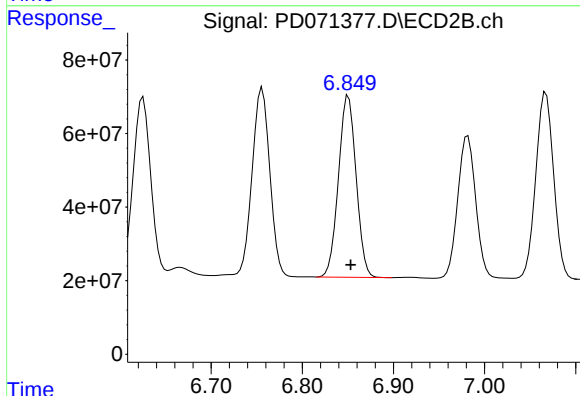
R.T.: 6.625 min  
Delta R.T.: -0.002 min  
Response: 662564307  
Conc: 52.97 ng/ml



#15 Endosulfan II

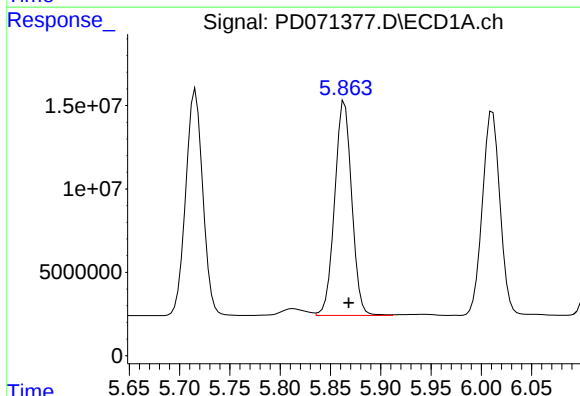
R.T.: 6.011 min  
Delta R.T.: -0.003 min  
Response: 149523937  
Conc: 49.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP1-1-6MS



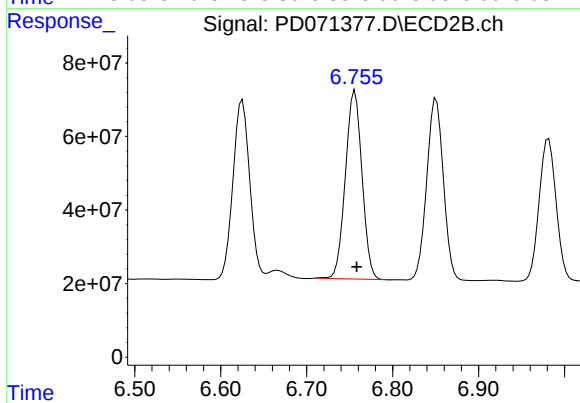
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: -0.002 min  
Response: 665036397  
Conc: 53.64 ng/ml



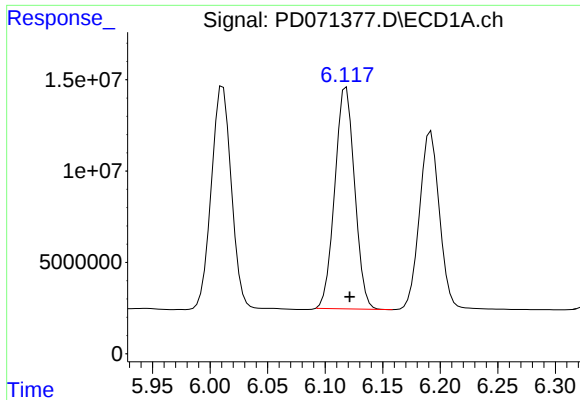
#16 4,4'-DDD

R.T.: 5.864 min  
Delta R.T.: -0.004 min  
Response: 151303592  
Conc: 53.08 ng/ml



#16 4,4'-DDD

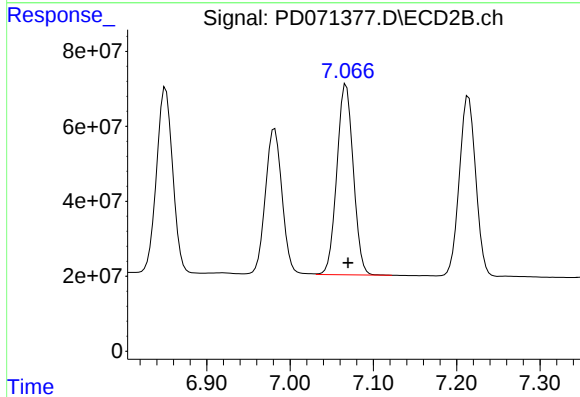
R.T.: 6.756 min  
Delta R.T.: -0.002 min  
Response: 690076525  
Conc: 58.02 ng/ml



#17 4,4'-DDT

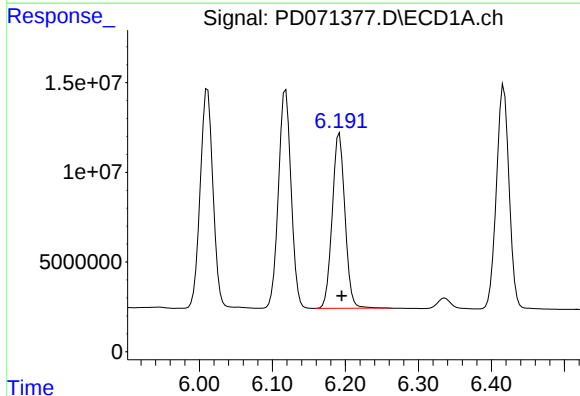
R.T.: 6.118 min  
Delta R.T.: -0.003 min  
Response: 145409513  
Conc: 49.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP1-1-6MS



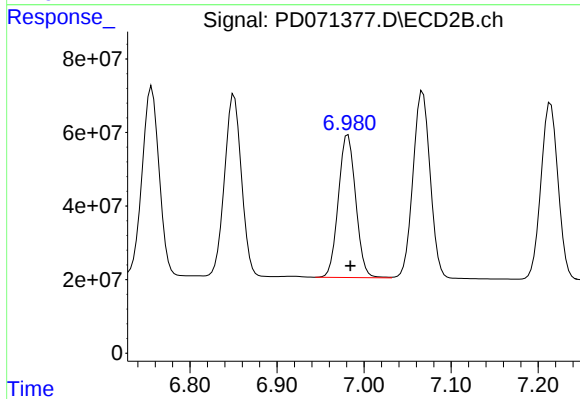
#17 4,4'-DDT

R.T.: 7.067 min  
Delta R.T.: -0.002 min  
Response: 696815702  
Conc: 53.42 ng/ml



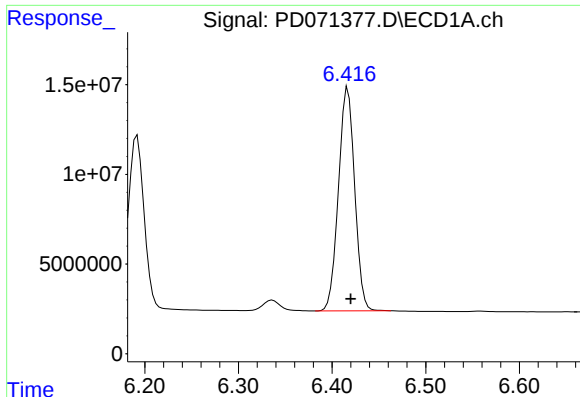
#18 Endrin aldehyde

R.T.: 6.192 min  
Delta R.T.: -0.003 min  
Response: 118195510  
Conc: 53.61 ng/ml



#18 Endrin aldehyde

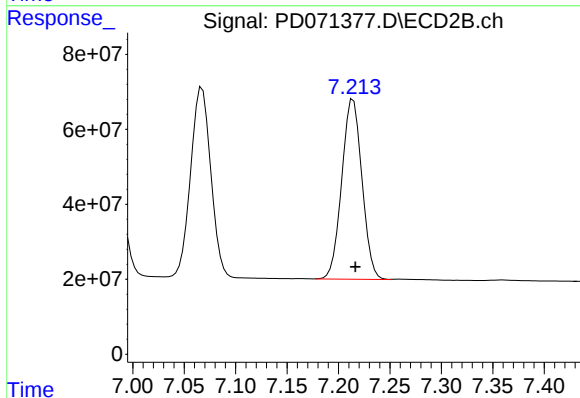
R.T.: 6.982 min  
Delta R.T.: -0.003 min  
Response: 537034820  
Conc: 55.43 ng/ml



#19 Endosulfan Sulfate

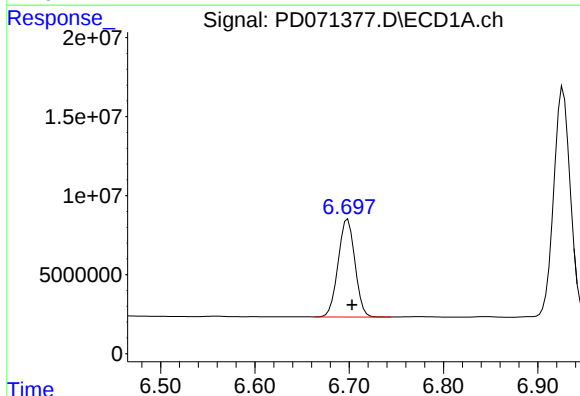
R.T.: 6.417 min  
Delta R.T.: -0.003 min  
Response: 150003257  
Conc: 52.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP1-1-6MS



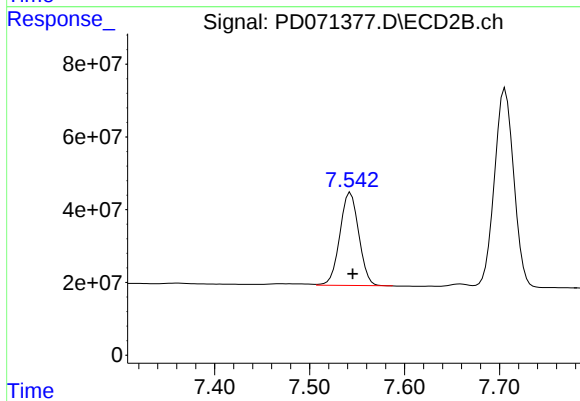
#19 Endosulfan Sulfate

R.T.: 7.214 min  
Delta R.T.: -0.002 min  
Response: 657693096  
Conc: 55.14 ng/ml



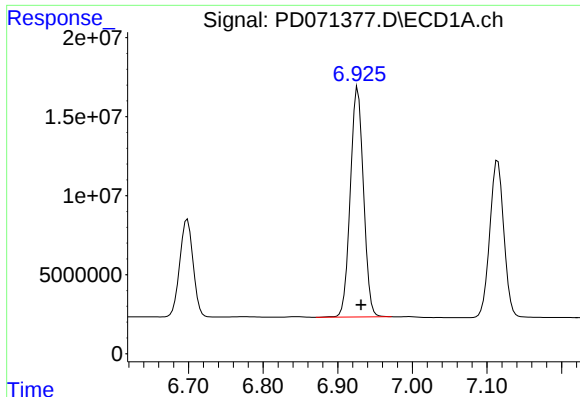
#20 Methoxychlor

R.T.: 6.699 min  
Delta R.T.: -0.004 min  
Response: 76641852  
Conc: 46.46 ng/ml



#20 Methoxychlor

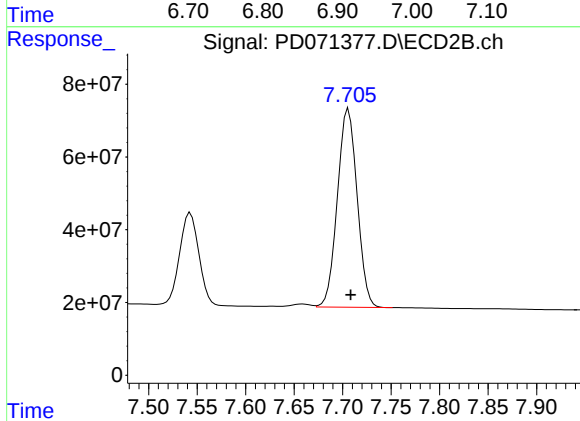
R.T.: 7.543 min  
Delta R.T.: -0.002 min  
Response: 354063951  
Conc: 51.37 ng/ml



#21 Endrin ketone

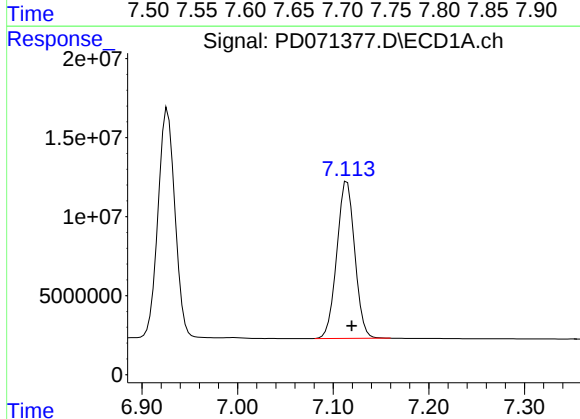
R.T.: 6.927 min  
Delta R.T.: -0.005 min  
Response: 178190328  
Conc: 54.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP1-1-6MS



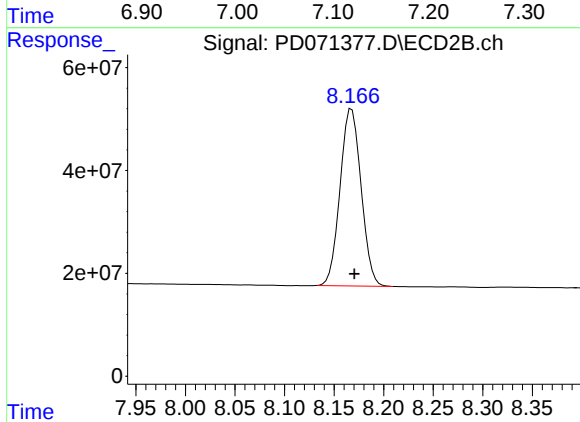
#21 Endrin ketone

R.T.: 7.706 min  
Delta R.T.: -0.002 min  
Response: 771824308  
Conc: 57.49 ng/ml



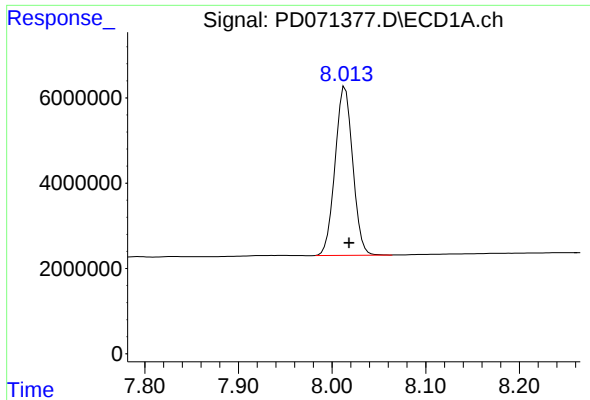
#22 Mirex

R.T.: 7.115 min  
Delta R.T.: -0.005 min  
Response: 129756288  
Conc: 53.00 ng/ml



#22 Mirex

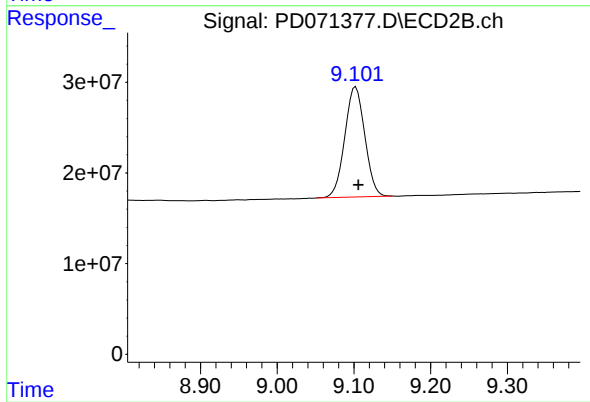
R.T.: 8.168 min  
Delta R.T.: -0.003 min  
Response: 509406415  
Conc: 59.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.014 min  
Delta R.T.: -0.004 min  
Response: 51849130  
Conc: 18.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP1-1-6MS



#28 Decachlorobiphenyl

R.T.: 9.102 min  
Delta R.T.: -0.004 min  
Response: 221860343  
Conc: 21.43 ng/ml