

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122422\  
 Data File : PD073460.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Dec 2022 16:35  
 Operator : AR\AJ  
 Sample : PB149870BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB149870BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 24 06:24:42 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD121622.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 16 15:46:21 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... | 2.694 | 3.456 | 45476699 | 2251.2E6 | 21.699 | 22.890 |
| 28)                         | SA Decachlor... | 7.825 | 8.910 | 55931568 | 468.3E6  | 23.100 | 26.566 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.196 | 3.921 | 185.5E6  | 7259.7E6 | 53.634 | 54.316 |
| 3)                          | MA gamma-BHC... | 3.527 | 4.254 | 147.9E6  | 5285.4E6 | 53.795 | 53.566 |
| 4)                          | MA Heptachlor   | 3.859 | 4.820 | 165.5E6  | 3511.1E6 | 52.895 | 55.098 |
| 5)                          | MB Aldrin       | 4.137 | 5.159 | 169.5E6  | 3257.7E6 | 54.716 | 59.124 |
| 6)                          | B beta-BHC      | 3.829 | 4.470 | 62777240 | 1774.7E6 | 49.435 | 52.373 |
| 7)                          | B delta-BHC     | 4.058 | 4.713 | 166.2E6  | 3795.4E6 | 52.788 | 57.200 |
| 8)                          | B Heptachlo...  | 4.642 | 5.591 | 146.7E6  | 2632.5E6 | 52.937 | 59.052 |
| 9)                          | A Endosulfan I  | 5.012 | 5.976 | 137.2E6  | 2401.1E6 | 51.851 | 57.836 |
| 10)                         | B gamma-Chl...  | 4.891 | 5.845 | 149.2E6  | 2509.2E6 | 52.294 | 56.135 |
| 11)                         | B alpha-Chl...  | 4.955 | 5.920 | 147.9E6  | 2555.0E6 | 52.484 | 58.385 |
| 12)                         | B 4,4'-DDE      | 5.143 | 6.094 | 145.1E6  | 2529.3E6 | 53.577 | 59.850 |
| 13)                         | MA Dieldrin     | 5.278 | 6.253 | 153.3E6  | 2558.1E6 | 54.339 | 60.892 |
| 14)                         | MA Endrin       | 5.556 | 6.485 | 138.8E6  | 2163.3E6 | 54.047 | 65.846 |
| 15)                         | B Endosulfa...  | 5.854 | 6.715 | 124.3E6  | 1946.9E6 | 52.604 | 61.286 |
| 16)                         | A 4,4'-DDD      | 5.702 | 6.619 | 118.9E6  | 1831.9E6 | 52.719 | 58.634 |
| 17)                         | MA 4,4'-DDT     | 5.951 | 6.927 | 118.9E6  | 1803.5E6 | 53.656 | 59.680 |
| 18)                         | B Endrin al...  | 6.036 | 6.846 | 104.9E6  | 1512.7E6 | 55.724 | 64.525 |
| 19)                         | B Endosulfa...  | 6.259 | 7.079 | 124.4E6  | 1655.5E6 | 52.340 | 60.507 |
| 20)                         | A Methoxychlor  | 6.535 | 7.407 | 70719827 | 812.0E6  | 53.061 | 59.989 |
| 21)                         | B Endrin ke...  | 6.770 | 7.569 | 145.3E6  | 1626.5E6 | 53.459 | 59.239 |
| 22)                         | Mirex           | 6.934 | 8.017 | 109.0E6  | 1024.5E6 | 52.452 | 58.575 |
| -----                       |                 |       |       |          |          |        |        |

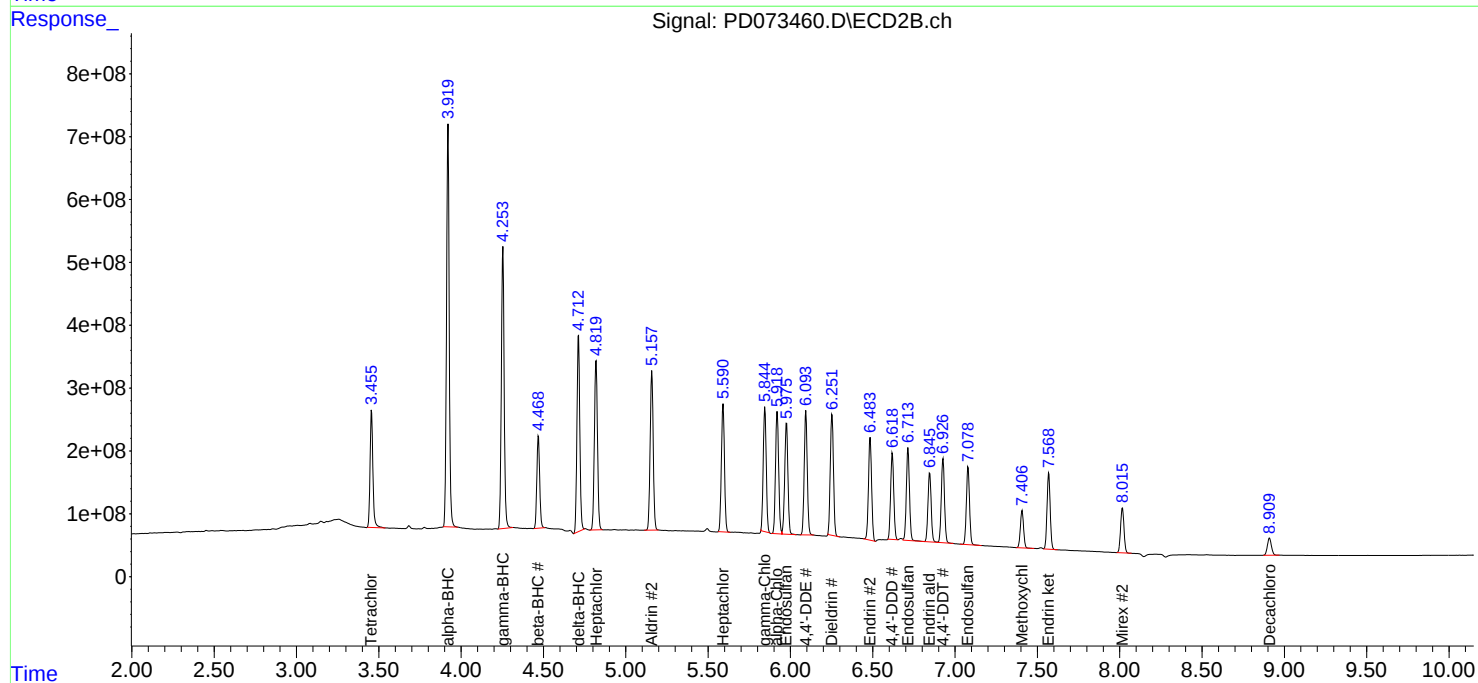
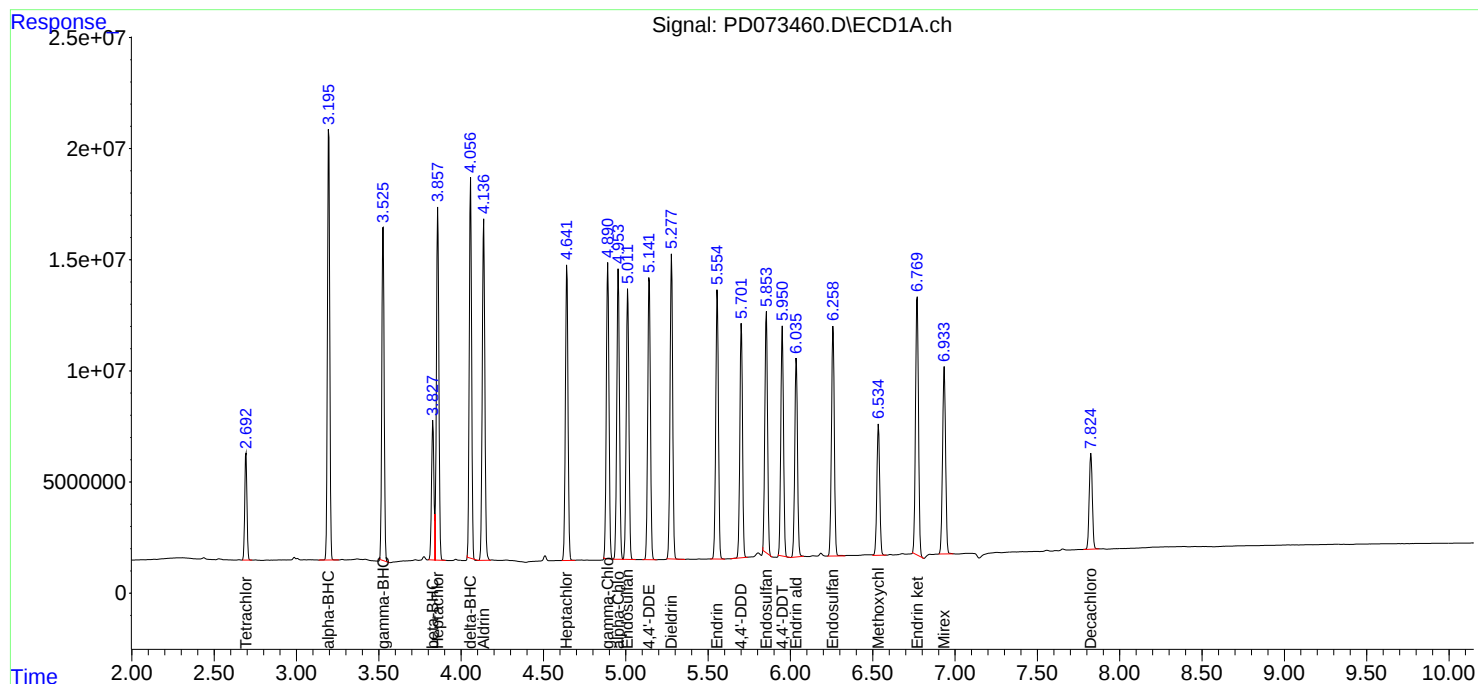
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

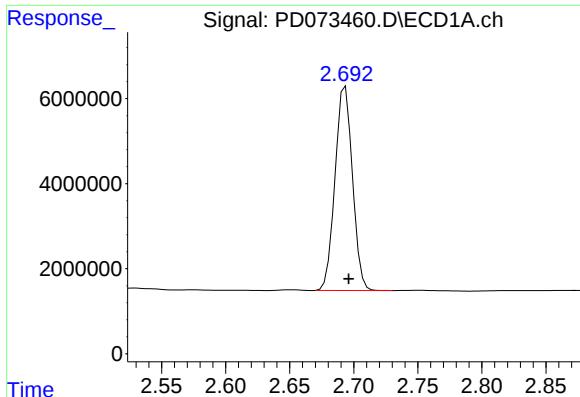
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122422\  
Data File : PD073460.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Dec 2022 16:35  
Operator : AR\AJ  
Sample : PB149870BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB149870BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 24 06:24:42 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD121622.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 16 15:46:21 2022  
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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

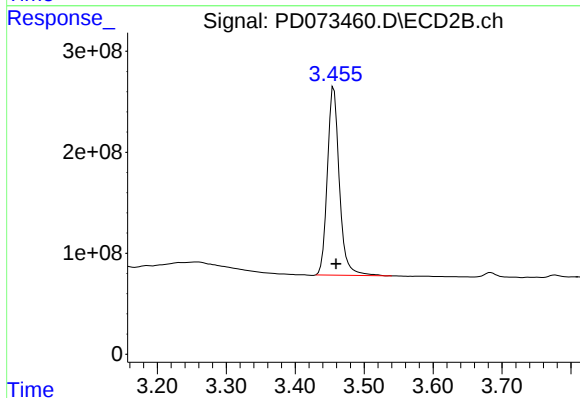




#1 Tetrachloro-m-xylene

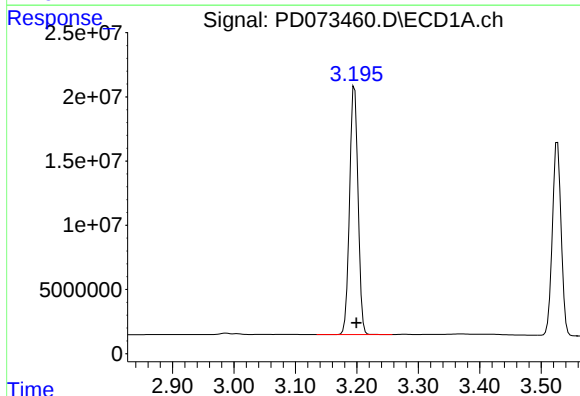
R.T.: 2.694 min  
Delta R.T.: -0.002 min  
Response: 45476699  
Conc: 21.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB149870BS



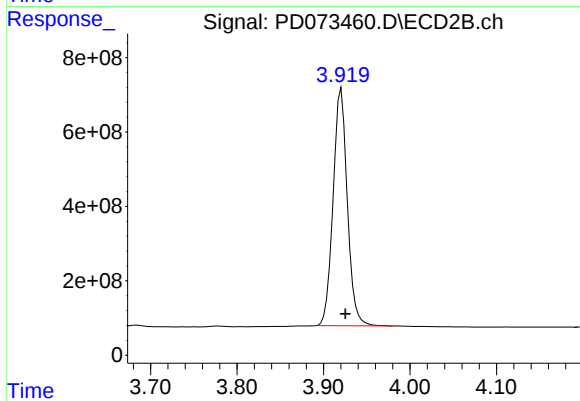
#1 Tetrachloro-m-xylene

R.T.: 3.456 min  
Delta R.T.: -0.003 min  
Response: 2251163912  
Conc: 22.89 ng/ml



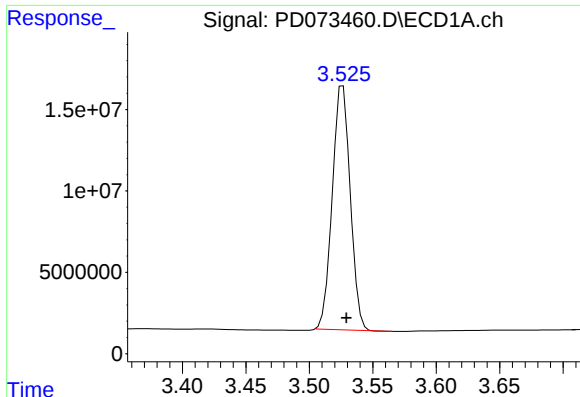
#2 alpha-BHC

R.T.: 3.196 min  
Delta R.T.: -0.003 min  
Response: 185512077  
Conc: 53.63 ng/ml



#2 alpha-BHC

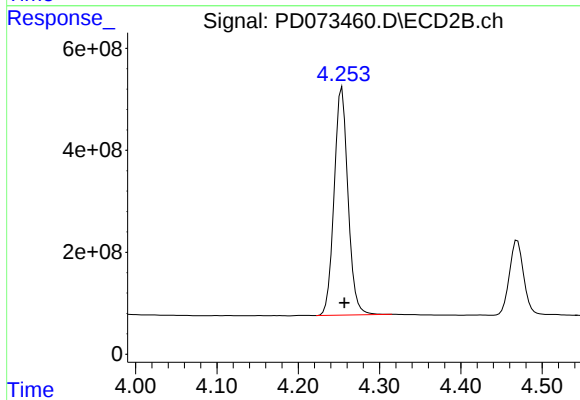
R.T.: 3.921 min  
Delta R.T.: -0.005 min  
Response: 7259716050  
Conc: 54.32 ng/ml



#3 gamma-BHC (Lindane)

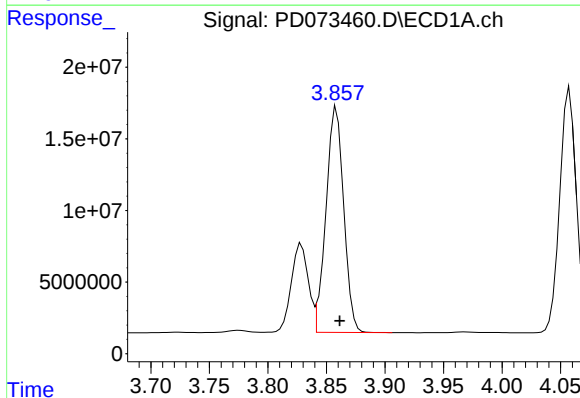
R.T.: 3.527 min  
Delta R.T.: -0.003 min  
Response: 147920034  
Conc: 53.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB149870BS



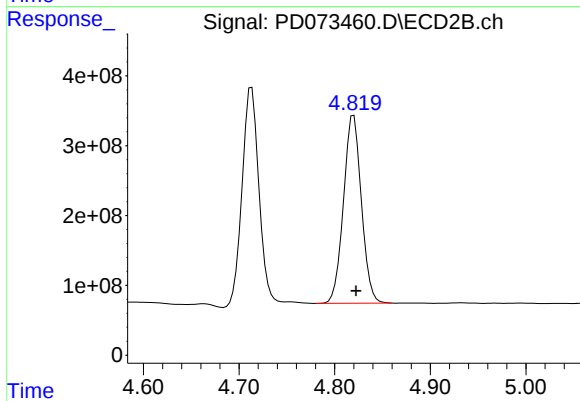
#3 gamma-BHC (Lindane)

R.T.: 4.254 min  
Delta R.T.: -0.003 min  
Response: 5285387257  
Conc: 53.57 ng/ml



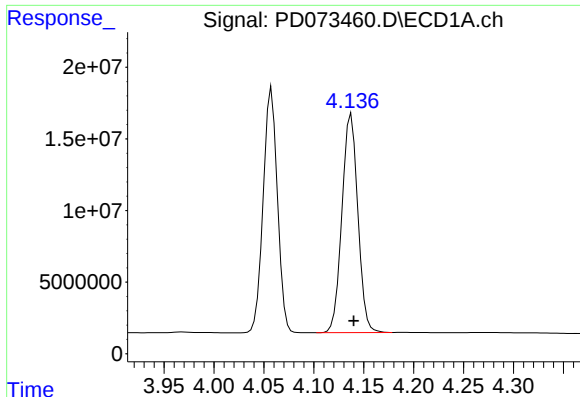
#4 Heptachlor

R.T.: 3.859 min  
Delta R.T.: -0.003 min  
Response: 165470069  
Conc: 52.90 ng/ml



#4 Heptachlor

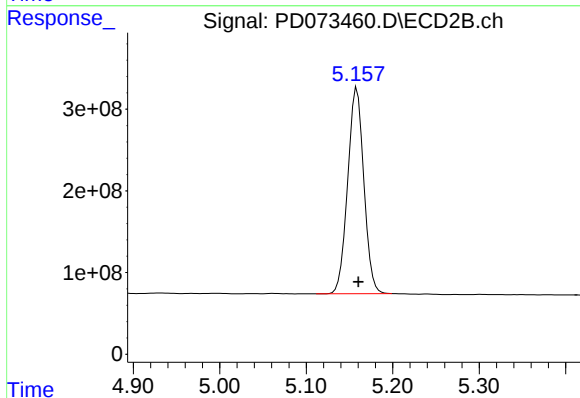
R.T.: 4.820 min  
Delta R.T.: -0.002 min  
Response: 3511096778  
Conc: 55.10 ng/ml



#5 Aldrin

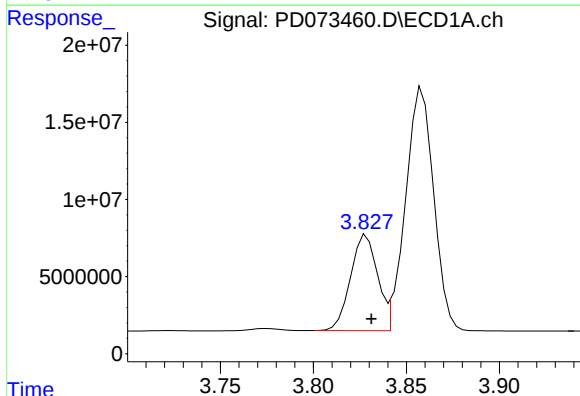
R.T.: 4.137 min  
Delta R.T.: -0.003 min  
Response: 169516695  
Conc: 54.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB149870BS



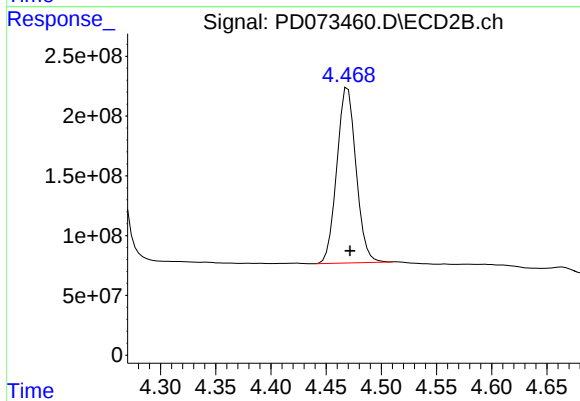
#5 Aldrin

R.T.: 5.159 min  
Delta R.T.: -0.002 min  
Response: 3257675500  
Conc: 59.12 ng/ml



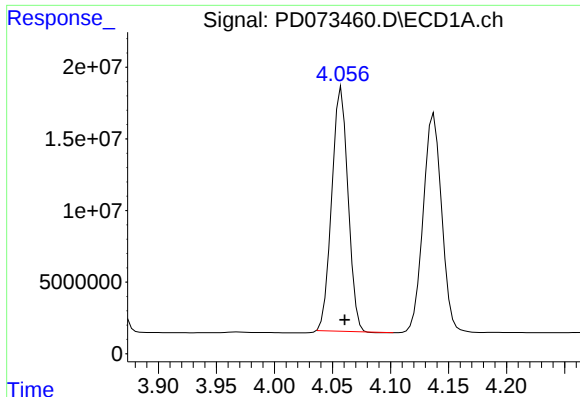
#6 beta-BHC

R.T.: 3.829 min  
Delta R.T.: -0.003 min  
Response: 62777240  
Conc: 49.44 ng/ml



#6 beta-BHC

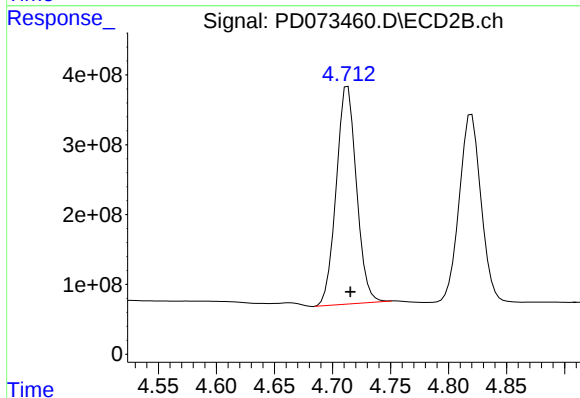
R.T.: 4.470 min  
Delta R.T.: -0.002 min  
Response: 1774685640  
Conc: 52.37 ng/ml



#7 delta-BHC

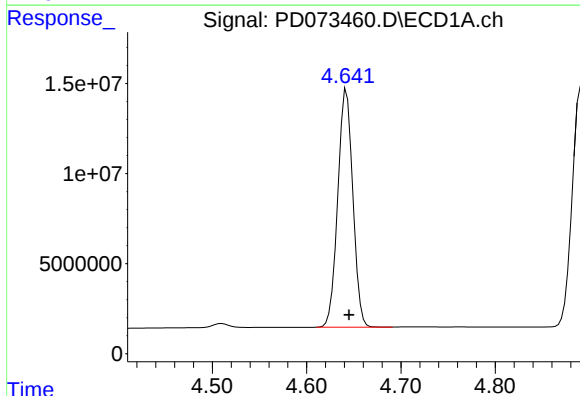
R.T.: 4.058 min  
Delta R.T.: -0.003 min  
Response: 166198403  
Conc: 52.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB149870BS



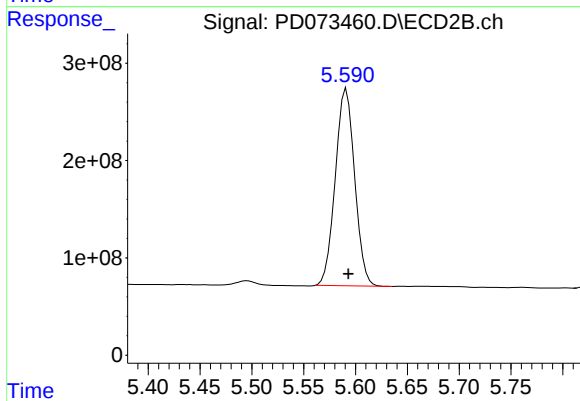
#7 delta-BHC

R.T.: 4.713 min  
Delta R.T.: -0.002 min  
Response: 3795444266  
Conc: 57.20 ng/ml



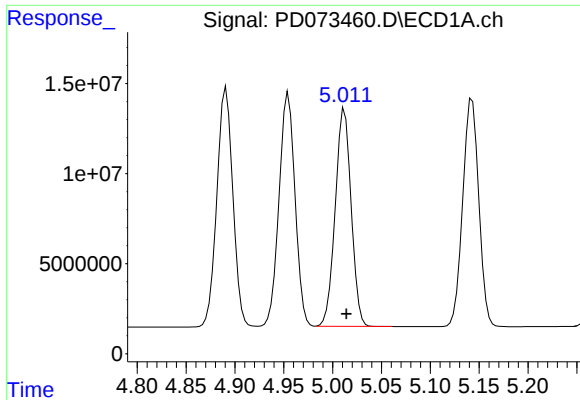
#8 Heptachlor epoxide

R.T.: 4.642 min  
Delta R.T.: -0.003 min  
Response: 146719929  
Conc: 52.94 ng/ml



#8 Heptachlor epoxide

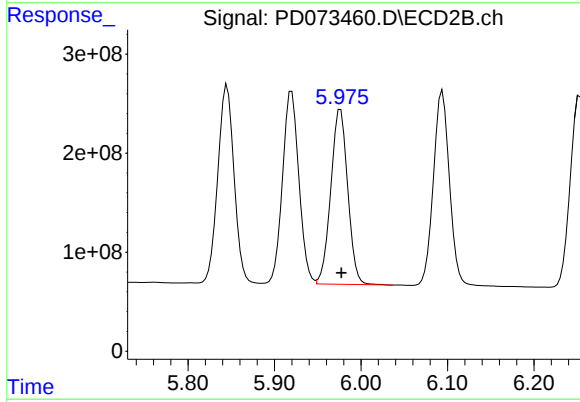
R.T.: 5.591 min  
Delta R.T.: -0.002 min  
Response: 2632467010  
Conc: 59.05 ng/ml



#9 Endosulfan I

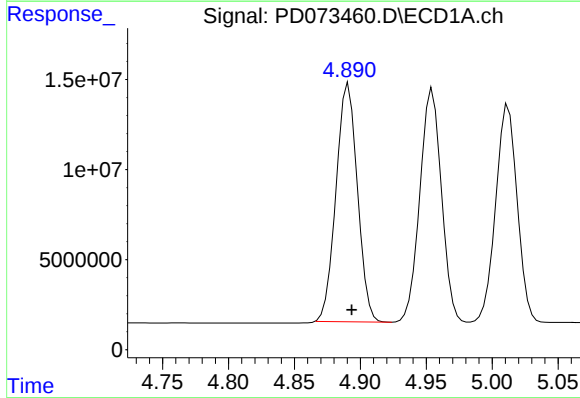
R.T.: 5.012 min  
Delta R.T.: -0.002 min  
Response: 137228014  
Conc: 51.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB149870BS



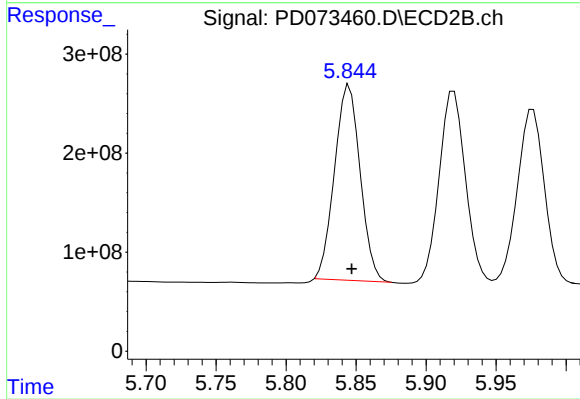
#9 Endosulfan I

R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 2401149452  
Conc: 57.84 ng/ml



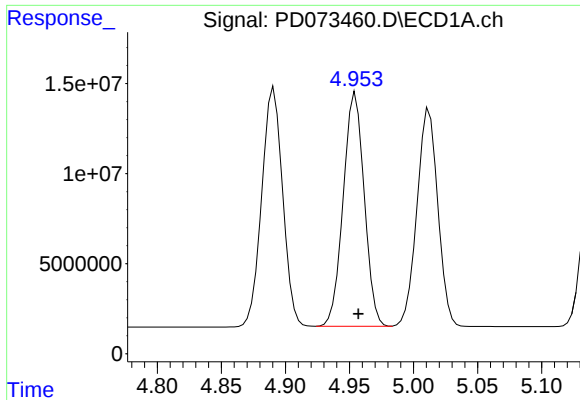
#10 gamma-Chlordane

R.T.: 4.891 min  
Delta R.T.: -0.002 min  
Response: 149214325  
Conc: 52.29 ng/ml



#10 gamma-Chlordane

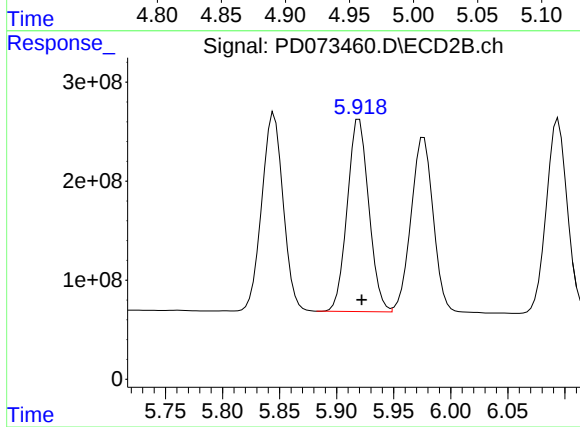
R.T.: 5.845 min  
Delta R.T.: -0.002 min  
Response: 2509198667  
Conc: 56.13 ng/ml



#11 alpha-Chlordane

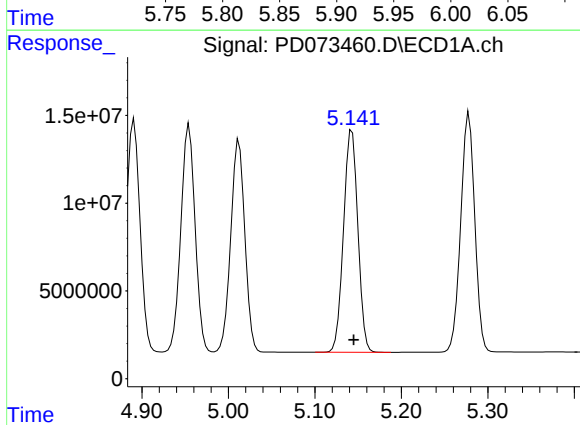
R.T.: 4.955 min  
Delta R.T.: -0.002 min  
Response: 147860574  
Conc: 52.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB149870BS



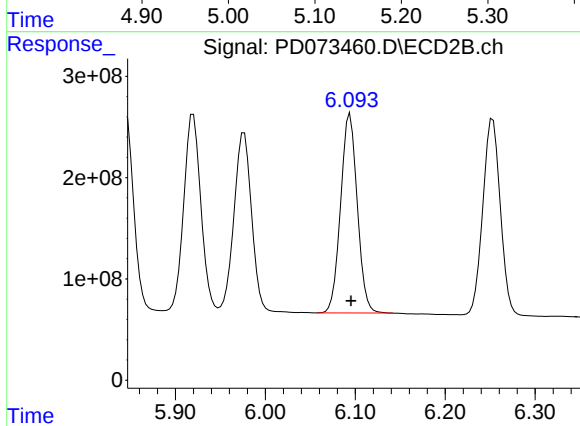
#11 alpha-Chlordane

R.T.: 5.920 min  
Delta R.T.: -0.002 min  
Response: 2555035211  
Conc: 58.39 ng/ml



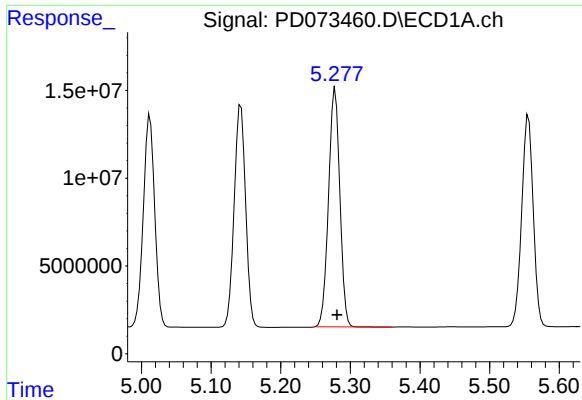
#12 4,4'-DDE

R.T.: 5.143 min  
Delta R.T.: -0.002 min  
Response: 145076266  
Conc: 53.58 ng/ml



#12 4,4'-DDE

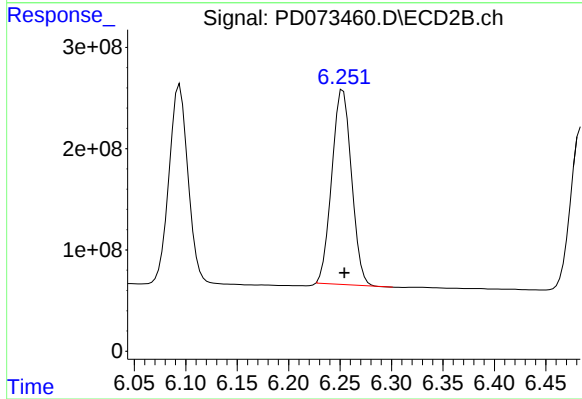
R.T.: 6.094 min  
Delta R.T.: -0.001 min  
Response: 2529335746  
Conc: 59.85 ng/ml



#13 Dieldrin

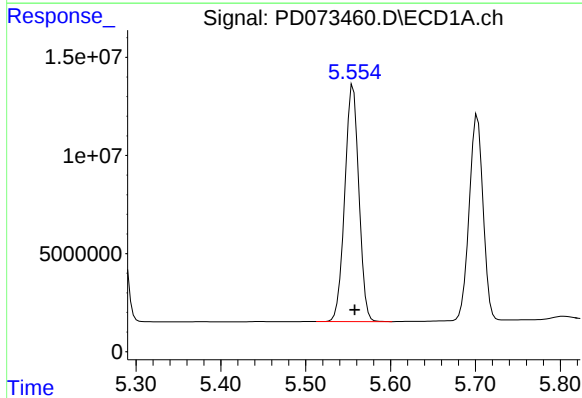
R.T.: 5.278 min  
Delta R.T.: -0.002 min  
Response: 153344634  
Conc: 54.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB149870BS



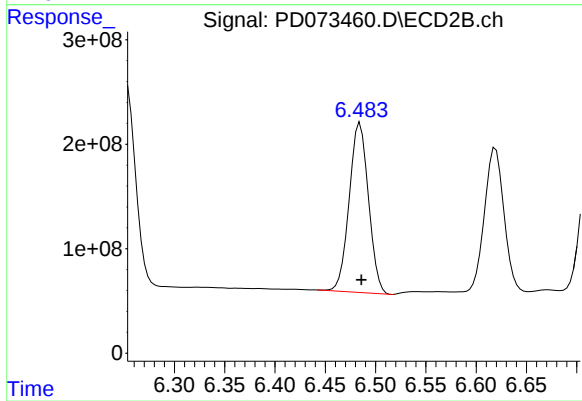
#13 Dieldrin

R.T.: 6.253 min  
Delta R.T.: -0.001 min  
Response: 2558064975  
Conc: 60.89 ng/ml



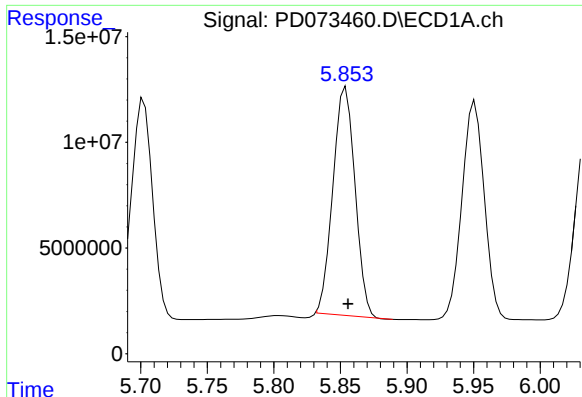
#14 Endrin

R.T.: 5.556 min  
Delta R.T.: -0.002 min  
Response: 138773927  
Conc: 54.05 ng/ml



#14 Endrin

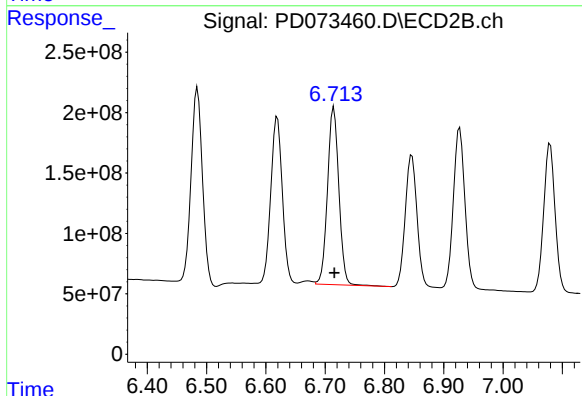
R.T.: 6.485 min  
Delta R.T.: -0.002 min  
Response: 2163280460  
Conc: 65.85 ng/ml



#15 Endosulfan II

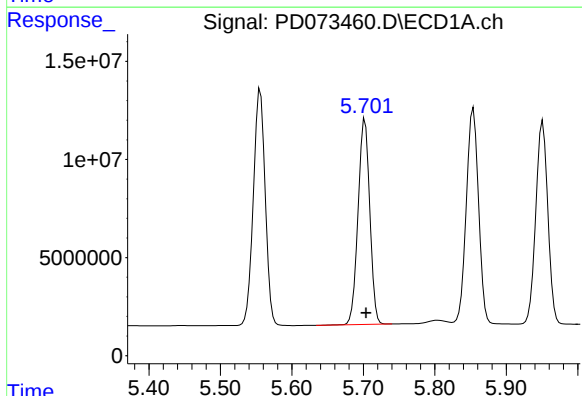
R.T.: 5.854 min  
Delta R.T.: -0.002 min  
Response: 124282372  
Conc: 52.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB149870BS



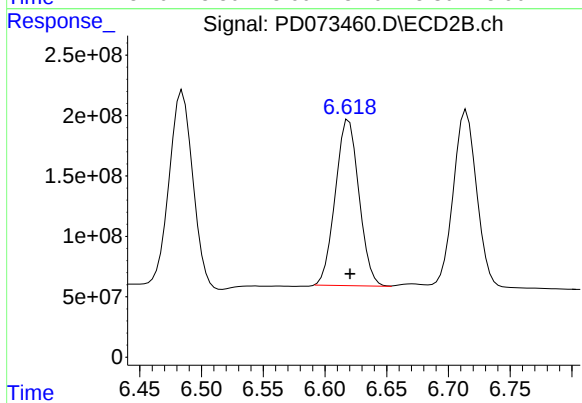
#15 Endosulfan II

R.T.: 6.715 min  
Delta R.T.: -0.001 min  
Response: 1946874151  
Conc: 61.29 ng/ml



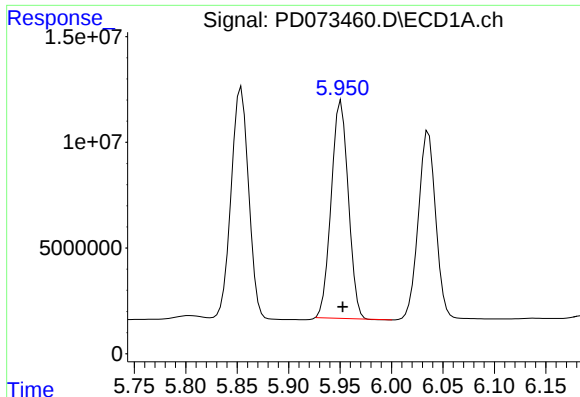
#16 4,4'-DDD

R.T.: 5.702 min  
Delta R.T.: -0.001 min  
Response: 118904698  
Conc: 52.72 ng/ml



#16 4,4'-DDD

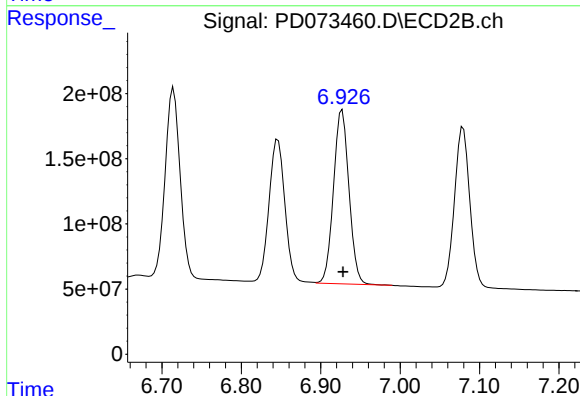
R.T.: 6.619 min  
Delta R.T.: -0.001 min  
Response: 1831906831  
Conc: 58.63 ng/ml



#17 4,4'-DDT

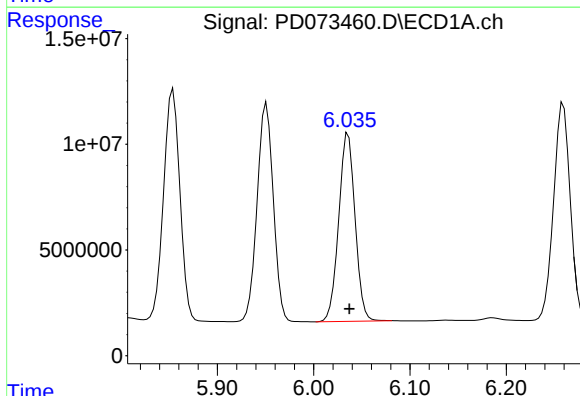
R.T.: 5.951 min  
Delta R.T.: -0.002 min  
Response: 118855910  
Conc: 53.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB149870BS



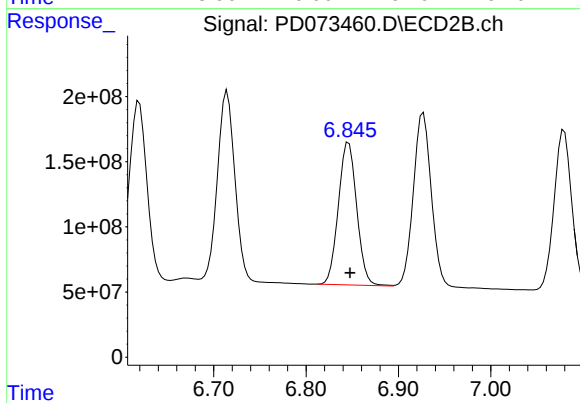
#17 4,4'-DDT

R.T.: 6.927 min  
Delta R.T.: -0.001 min  
Response: 1803502085  
Conc: 59.68 ng/ml



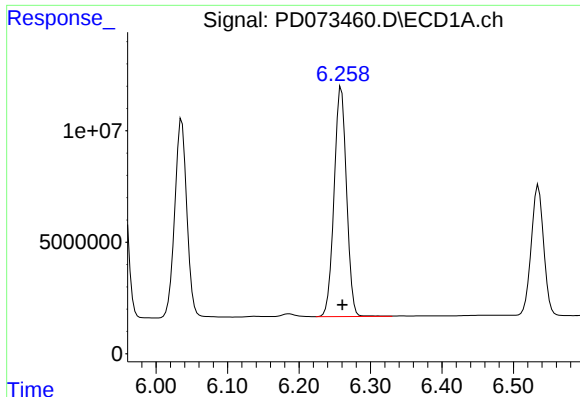
#18 Endrin aldehyde

R.T.: 6.036 min  
Delta R.T.: 0.000 min  
Response: 104891301  
Conc: 55.72 ng/ml



#18 Endrin aldehyde

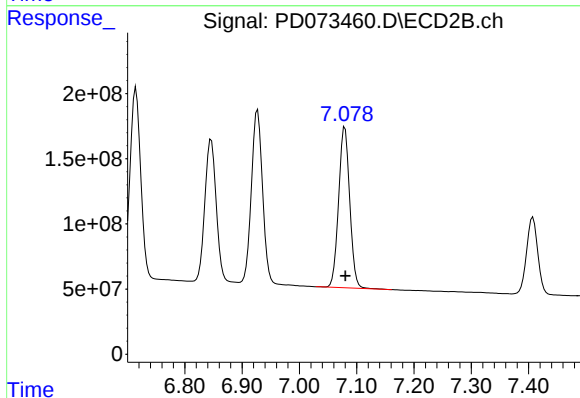
R.T.: 6.846 min  
Delta R.T.: -0.001 min  
Response: 1512678237  
Conc: 64.53 ng/ml



#19 Endosulfan Sulfate

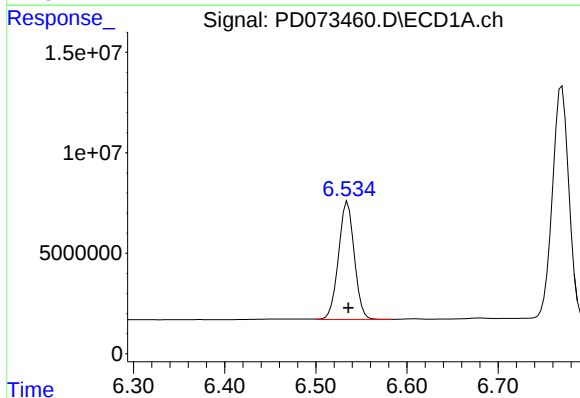
R.T.: 6.259 min  
Delta R.T.: -0.001 min  
Response: 124404954  
Conc: 52.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB149870BS



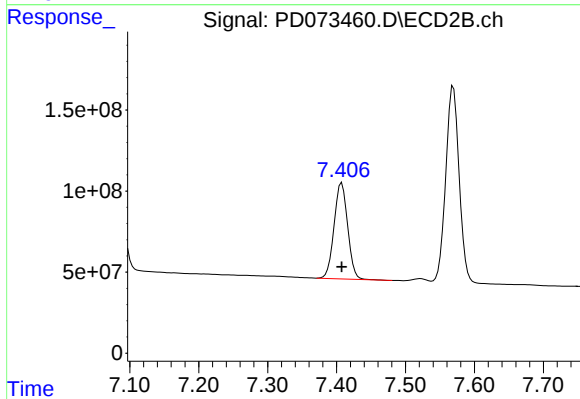
#19 Endosulfan Sulfate

R.T.: 7.079 min  
Delta R.T.: -0.001 min  
Response: 1655467611  
Conc: 60.51 ng/ml



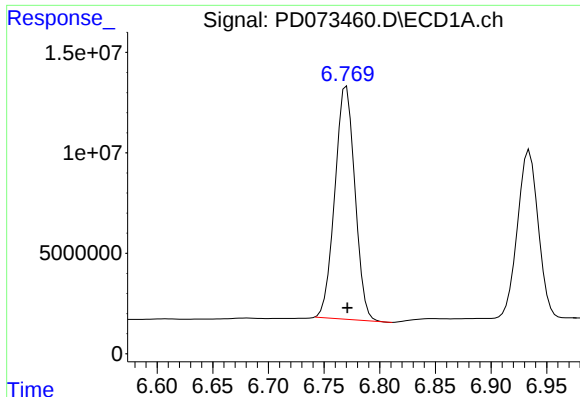
#20 Methoxychlor

R.T.: 6.535 min  
Delta R.T.: 0.000 min  
Response: 70719827  
Conc: 53.06 ng/ml



#20 Methoxychlor

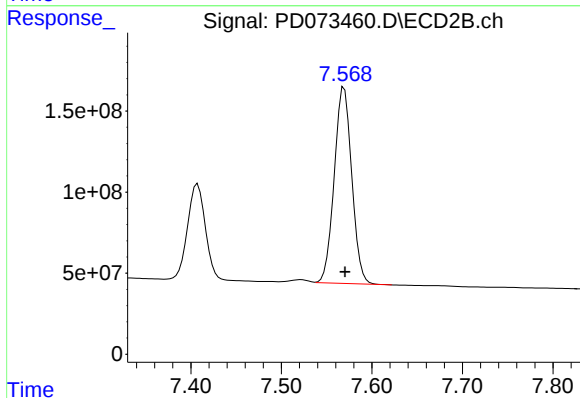
R.T.: 7.407 min  
Delta R.T.: 0.000 min  
Response: 811969527  
Conc: 59.99 ng/ml



#21 Endrin ketone

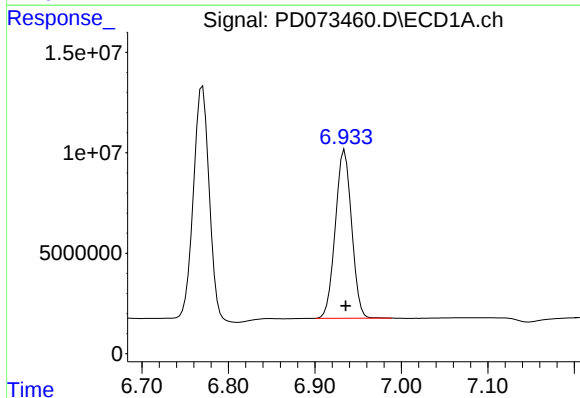
R.T.: 6.770 min  
Delta R.T.: 0.000 min  
Response: 145272496  
Conc: 53.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB149870BS



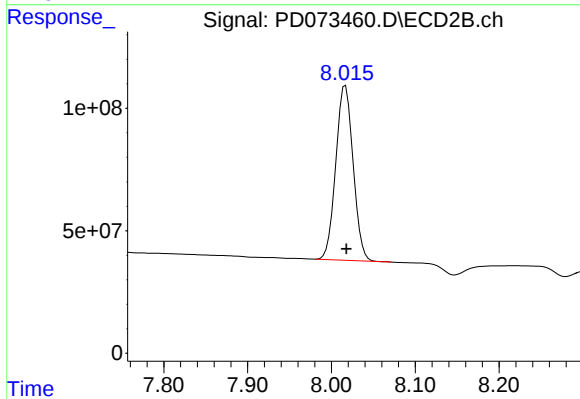
#21 Endrin ketone

R.T.: 7.569 min  
Delta R.T.: 0.000 min  
Response: 1626503352  
Conc: 59.24 ng/ml



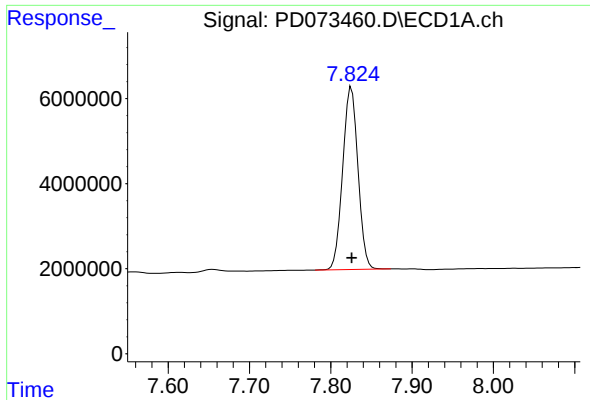
#22 Mirex

R.T.: 6.934 min  
Delta R.T.: -0.001 min  
Response: 109028788  
Conc: 52.45 ng/ml



#22 Mirex

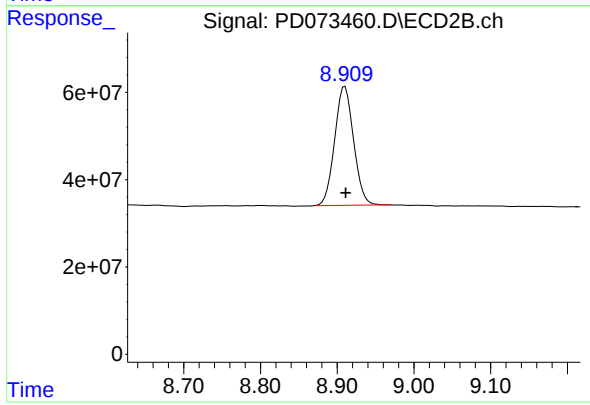
R.T.: 8.017 min  
Delta R.T.: -0.001 min  
Response: 1024504274  
Conc: 58.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.825 min  
Delta R.T.: 0.000 min  
Response: 55931568  
Conc: 23.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB149870BS



#28 Decachlorobiphenyl

R.T.: 8.910 min  
Delta R.T.: -0.001 min  
Response: 468304696  
Conc: 26.57 ng/ml