

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120723\  
 Data File : PD079997.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Dec 2023 09:42  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 07 20:41:54 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120623.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Dec 06 14:11:45 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.567  | 2.801 | 76953748 | 128.0E6  | 51.057   | 50.910     |
| 28)                         | SA Decachlor... | 9.115  | 7.943 | 95363569 | 134.2E6  | 47.112   | 47.615     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.024  | 3.303 | 129.3E6  | 200.4E6  | 51.477   | 52.403     |
| 3)                          | MA gamma-BHC... | 4.357  | 3.633 | 122.3E6  | 191.8E6  | 51.606   | 52.789     |
| 4)                          | MA Heptachlor   | 4.950  | 3.975 | 124.1E6  | 183.8E6  | 50.457   | 52.408     |
| 5)                          | MB Aldrin       | 5.294  | 4.255 | 119.1E6  | 186.6E6  | 50.150   | 52.425     |
| 6)                          | B beta-BHC      | 4.551  | 3.927 | 50371216 | 80073264 | 50.332   | 51.869     |
| 7)                          | B delta-BHC     | 4.800  | 4.159 | 125.7E6  | 198.0E6  | 51.311   | 52.569     |
| 8)                          | B Heptachlo...  | 5.720  | 4.757 | 110.8E6  | 169.6E6  | 50.304   | 51.714     |
| 9)                          | A Endosulfan I  | 6.107  | 5.127 | 103.2E6  | 155.9E6  | 50.211   | 51.646     |
| 10)                         | B gamma-Chl...  | 5.976  | 5.007 | 110.2E6  | 168.9E6  | 50.627   | 52.400     |
| 11)                         | B alpha-Chl...  | 6.056  | 5.072 | 108.5E6  | 166.9E6  | 50.319   | 51.917     |
| 12)                         | B 4,4'-DDE      | 6.226  | 5.260 | 101.5E6  | 158.6E6  | 50.621   | 52.632     |
| 13)                         | MA Dieldrin     | 6.382  | 5.392 | 109.2E6  | 171.9E6  | 50.061   | 52.496     |
| 14)                         | MA Endrin       | 6.613  | 5.667 | 88841192 | 143.6E6  | 48.990   | 51.086     |
| 15)                         | B Endosulfa...  | 6.831  | 5.959 | 92494120 | 141.9E6  | 48.552   | 52.024     |
| 16)                         | A 4,4'-DDD      | 6.744  | 5.813 | 83807017 | 134.8E6  | 50.026   | 52.346     |
| 17)                         | MA 4,4'-DDT     | 7.059  | 6.065 | 86791157 | 132.0E6  | 48.783   | 51.954     |
| 18)                         | B Endrin al...  | 6.960  | 6.138 | 70195560 | 106.5E6  | 48.999   | 51.881     |
| 19)                         | B Endosulfa...  | 7.196  | 6.361 | 91549135 | 138.0E6  | 48.282   | 51.489     |
| 20)                         | A Methoxychlor  | 7.533  | 6.640 | 46548112 | 72744393 | 47.095   | 49.746     |
| 21)                         | B Endrin ke...  | 7.682  | 6.866 | 100.7E6  | 161.8E6  | 48.620   | 51.779     |
| 22)                         | Mirex           | 8.158  | 7.051 | 76855774 | 121.6E6  | 46.982   | 50.235     |
| 24)                         | Chlordane-2     | 5.294f | 4.387 | 119.1E6  | 836053   | 1558.043 | 7.314 #    |
| 25)                         | Chlordane-3     | 5.976  | 5.007 | 110.2E6  | 168.9E6  | 365.052  | 536.171 #  |
| 26)                         | Chlordane-4     | 6.056  | 5.072 | 108.5E6  | 166.9E6  | 299.730  | 567.105 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.959 | 0        | 141.9E6  | N.D.     | 1249.458 # |
| -----                       |                 |        |       |          |          |          |            |

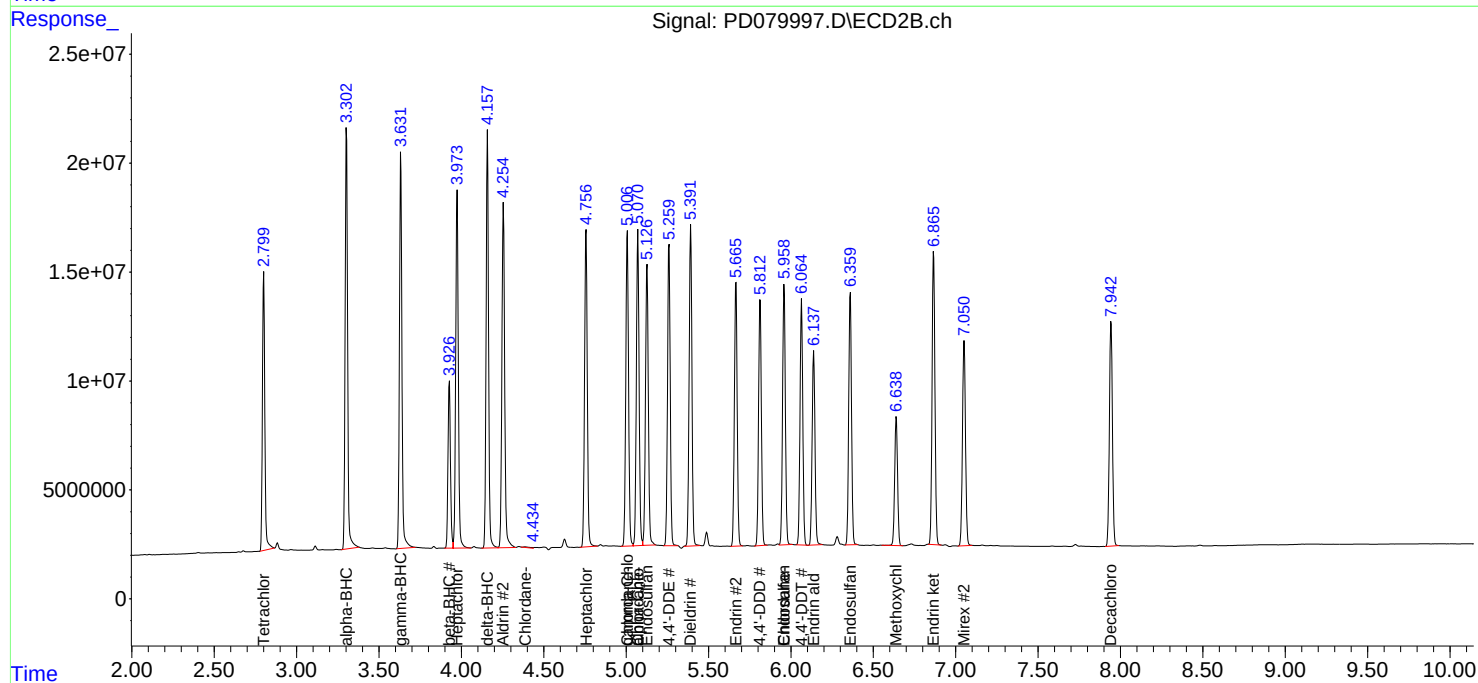
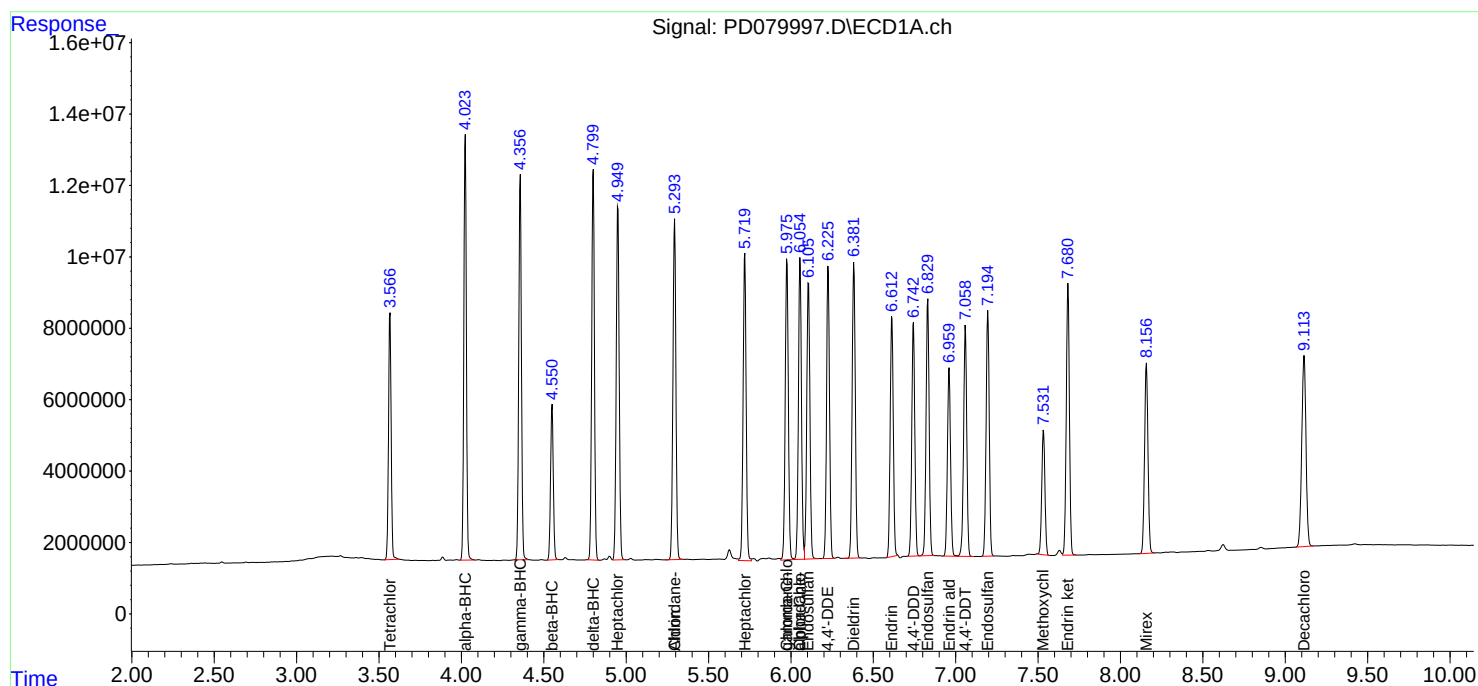
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

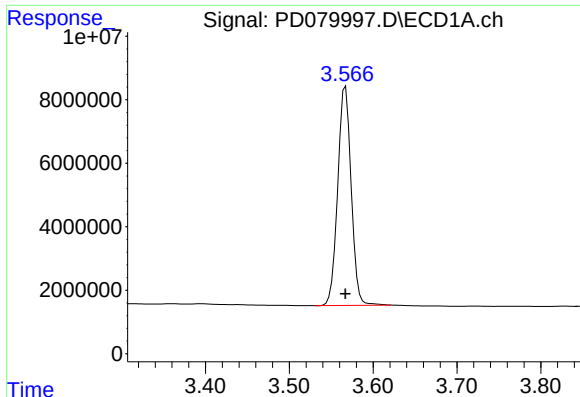
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120723\  
Data File : PD079997.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Dec 2023 09:42  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 07 20:41:54 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120623.M  
Quant Title : GC Extractables  
QLast Update : Wed Dec 06 14:11:45 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

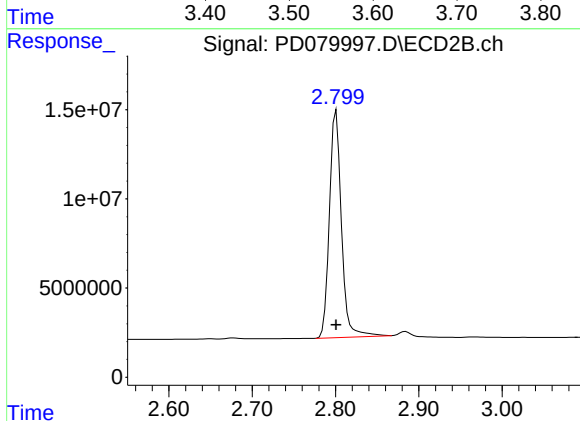




#1 Tetrachloro-m-xylene

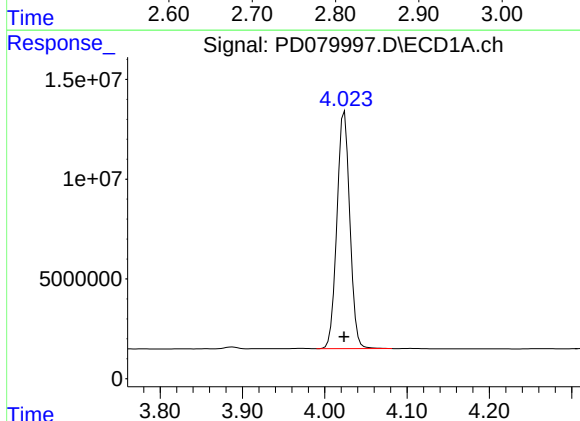
R.T.: 3.567 min  
Delta R.T.: 0.000 min  
Response: 76953748  
Conc: 51.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



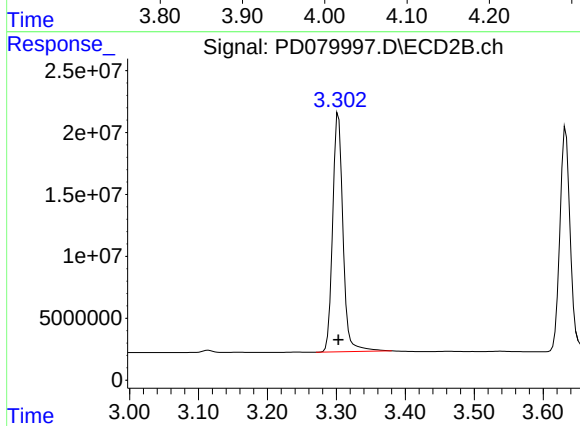
#1 Tetrachloro-m-xylene

R.T.: 2.801 min  
Delta R.T.: 0.000 min  
Response: 127977815  
Conc: 50.91 ng/ml



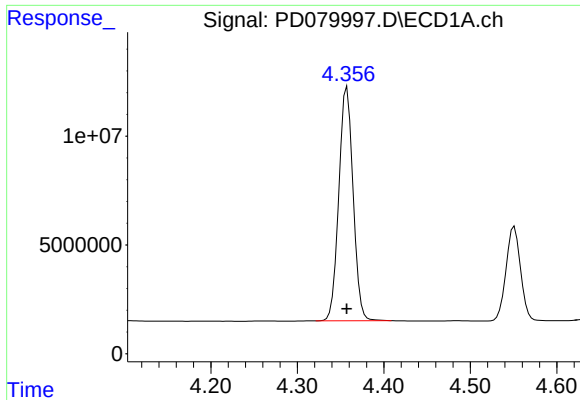
#2 alpha-BHC

R.T.: 4.024 min  
Delta R.T.: 0.000 min  
Response: 129304500  
Conc: 51.48 ng/ml



#2 alpha-BHC

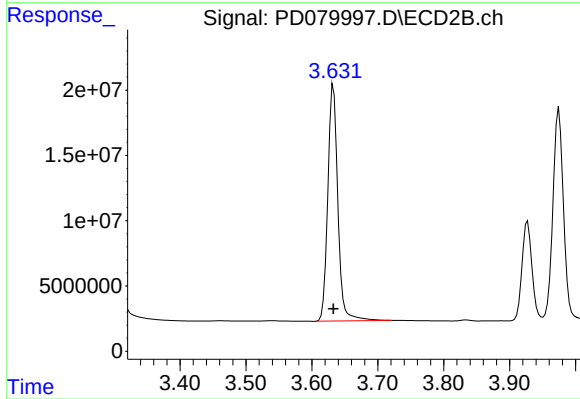
R.T.: 3.303 min  
Delta R.T.: 0.000 min  
Response: 200372043  
Conc: 52.40 ng/ml



#3 gamma-BHC (Lindane)

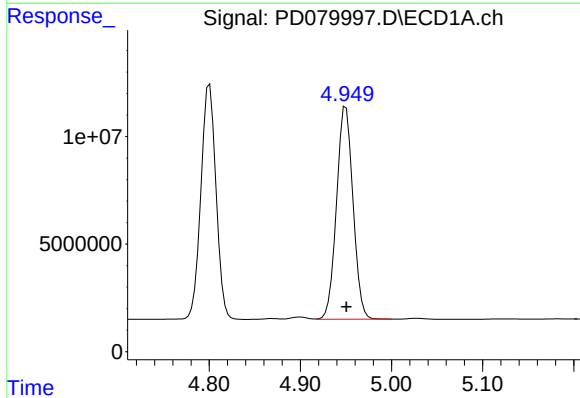
R.T.: 4.357 min  
Delta R.T.: 0.000 min  
Response: 122265863  
Conc: 51.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



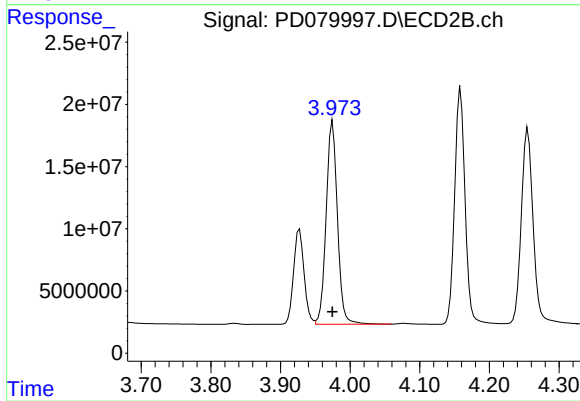
#3 gamma-BHC (Lindane)

R.T.: 3.633 min  
Delta R.T.: 0.000 min  
Response: 191838494  
Conc: 52.79 ng/ml



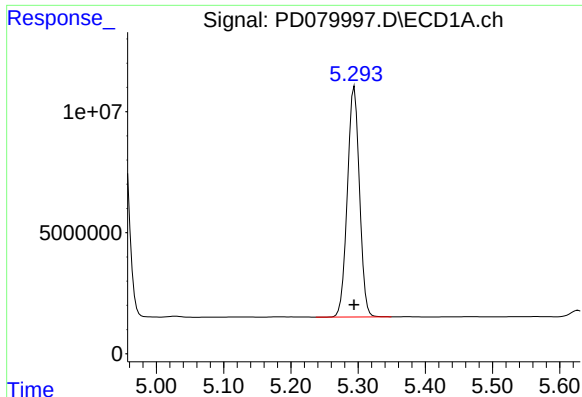
#4 Heptachlor

R.T.: 4.950 min  
Delta R.T.: 0.000 min  
Response: 124087920  
Conc: 50.46 ng/ml



#4 Heptachlor

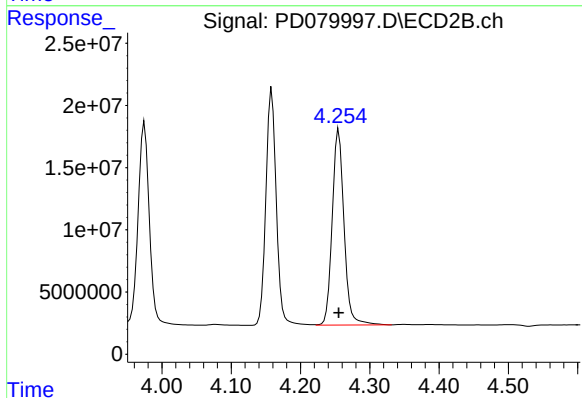
R.T.: 3.975 min  
Delta R.T.: 0.000 min  
Response: 183765988  
Conc: 52.41 ng/ml



#5 Aldrin

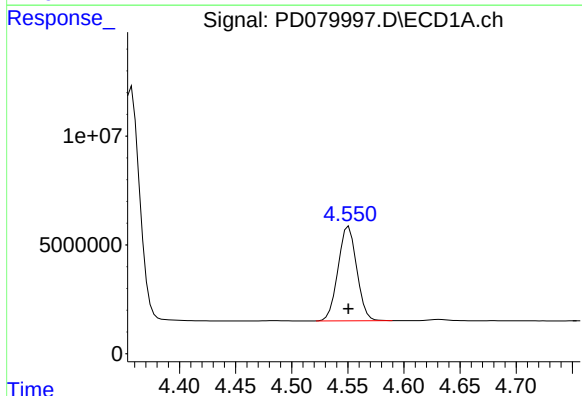
R.T.: 5.294 min  
Delta R.T.: 0.000 min  
Response: 119092643  
Conc: 50.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



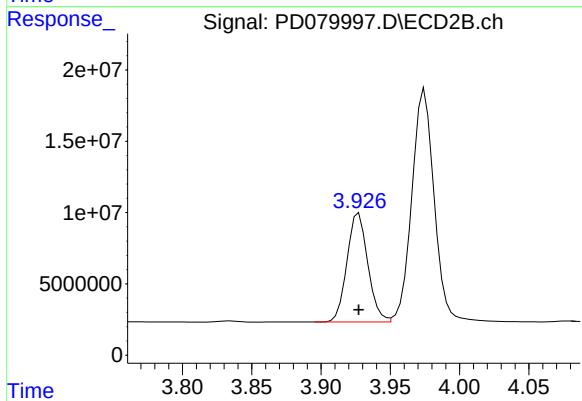
#5 Aldrin

R.T.: 4.255 min  
Delta R.T.: 0.000 min  
Response: 186638401  
Conc: 52.42 ng/ml



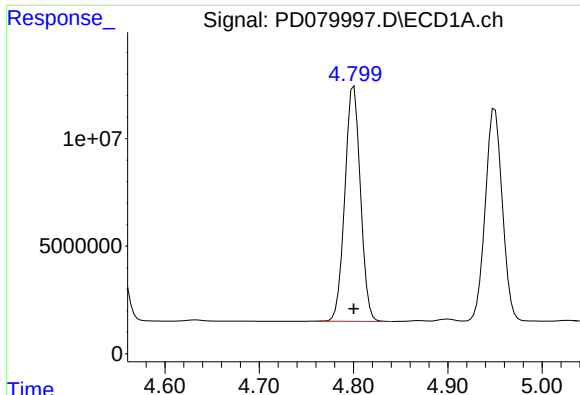
#6 beta-BHC

R.T.: 4.551 min  
Delta R.T.: 0.000 min  
Response: 50371216  
Conc: 50.33 ng/ml



#6 beta-BHC

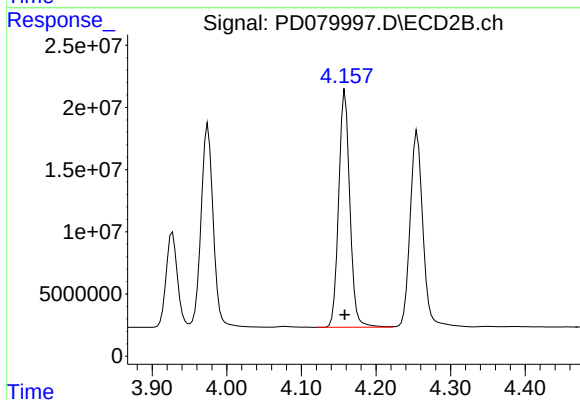
R.T.: 3.927 min  
Delta R.T.: 0.000 min  
Response: 80073264  
Conc: 51.87 ng/ml



#7 delta-BHC

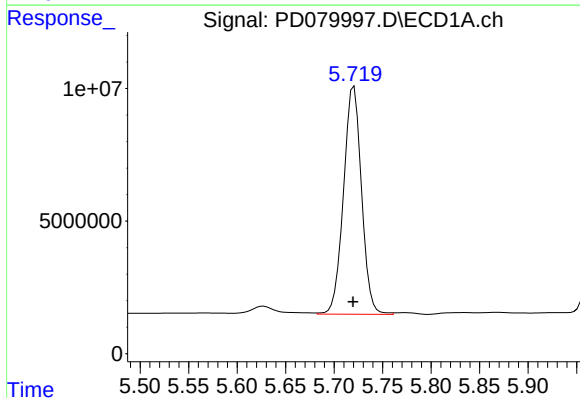
R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 125657034  
Conc: 51.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



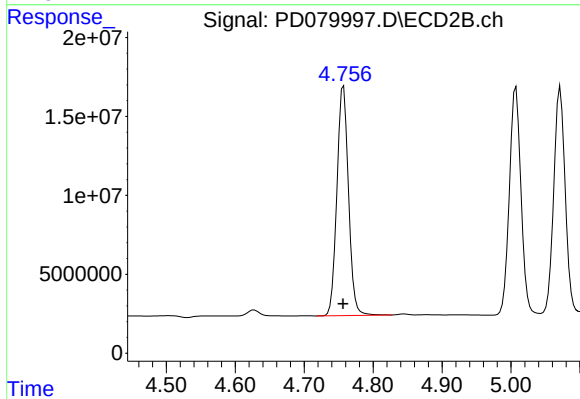
#7 delta-BHC

R.T.: 4.159 min  
Delta R.T.: 0.000 min  
Response: 197954029  
Conc: 52.57 ng/ml



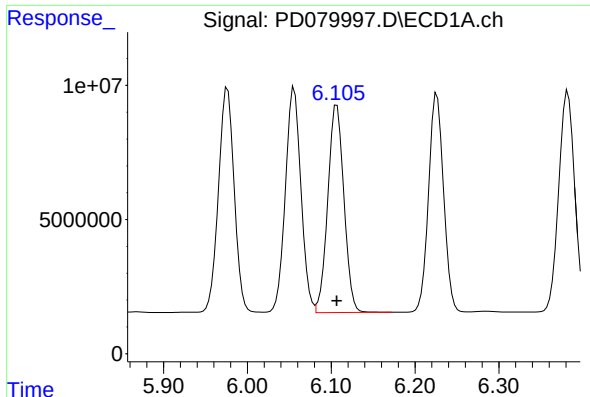
#8 Heptachlor epoxide

R.T.: 5.720 min  
Delta R.T.: 0.000 min  
Response: 110811497  
Conc: 50.30 ng/ml



#8 Heptachlor epoxide

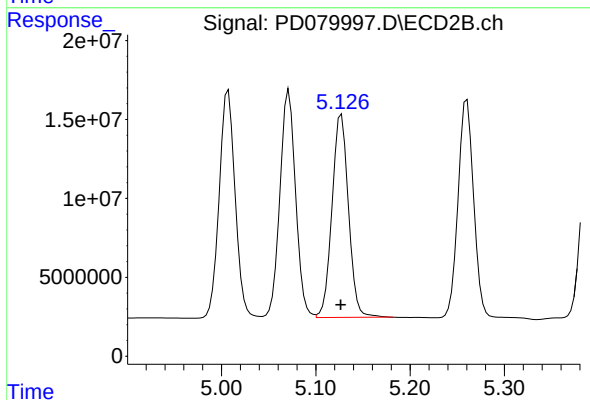
R.T.: 4.757 min  
Delta R.T.: 0.000 min  
Response: 169588320  
Conc: 51.71 ng/ml



#9 Endosulfan I

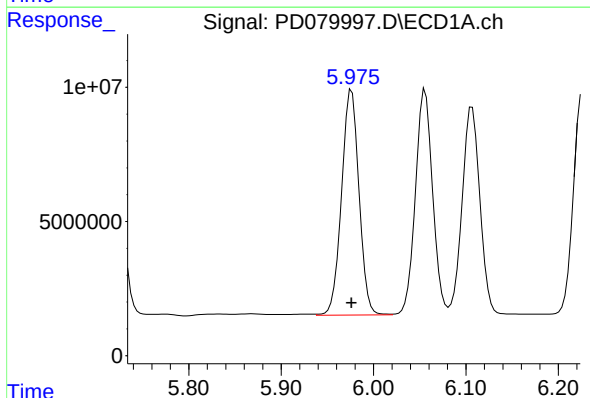
R.T.: 6.107 min  
Delta R.T.: 0.000 min  
Response: 103248623  
Conc: 50.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



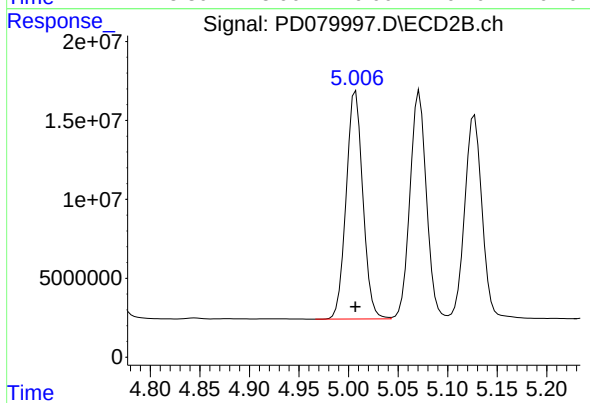
#9 Endosulfan I

R.T.: 5.127 min  
Delta R.T.: 0.000 min  
Response: 155931066  
Conc: 51.65 ng/ml



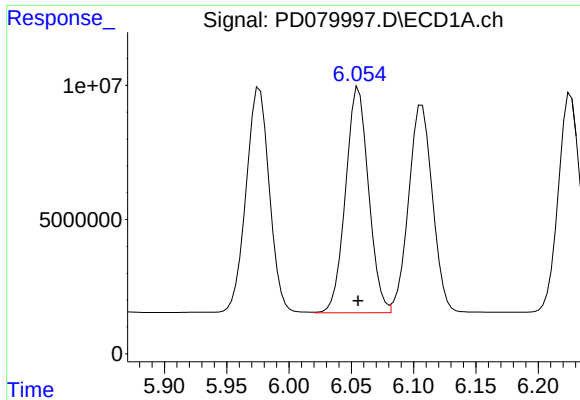
#10 gamma-Chlordane

R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 110214072  
Conc: 50.63 ng/ml



#10 gamma-Chlordane

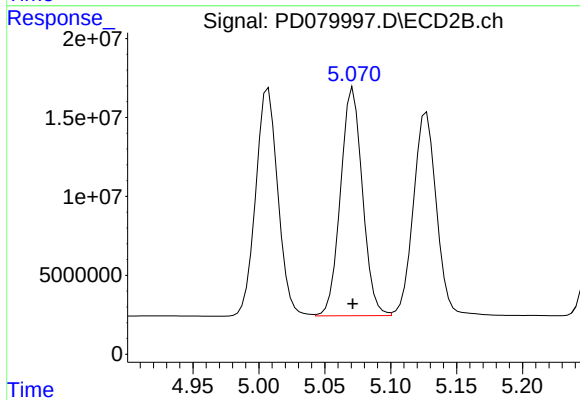
R.T.: 5.007 min  
Delta R.T.: 0.000 min  
Response: 168918422  
Conc: 52.40 ng/ml



#11 alpha-Chlordane

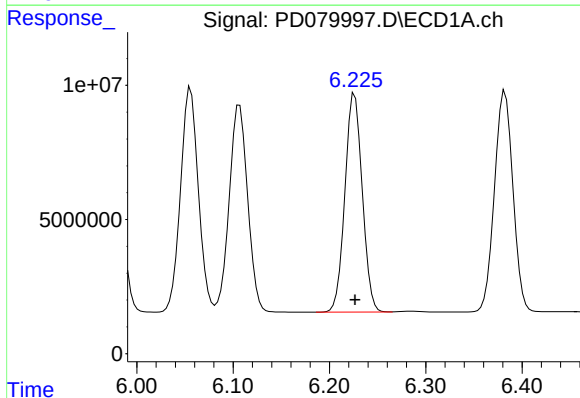
R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 108546892  
Conc: 50.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



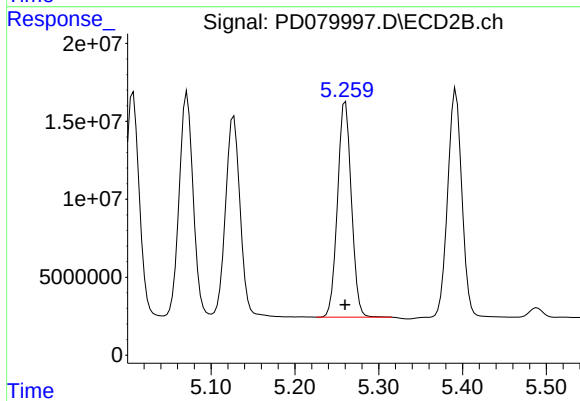
#11 alpha-Chlordane

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 166853310  
Conc: 51.92 ng/ml



#12 4,4'-DDE

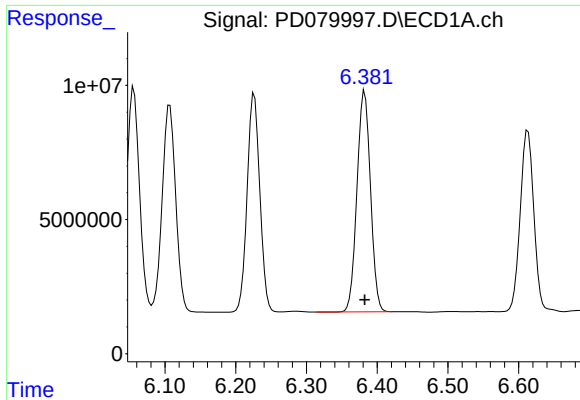
R.T.: 6.226 min  
Delta R.T.: 0.000 min  
Response: 101499776  
Conc: 50.62 ng/ml



#12 4,4'-DDE

R.T.: 5.260 min  
Delta R.T.: 0.000 min  
Response: 158646267  
Conc: 52.63 ng/ml

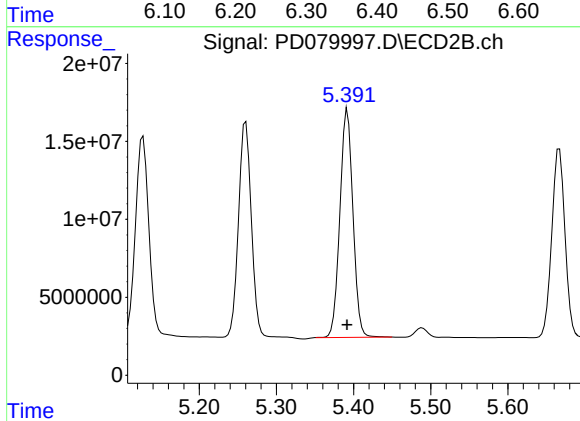




#13 Dieldrin

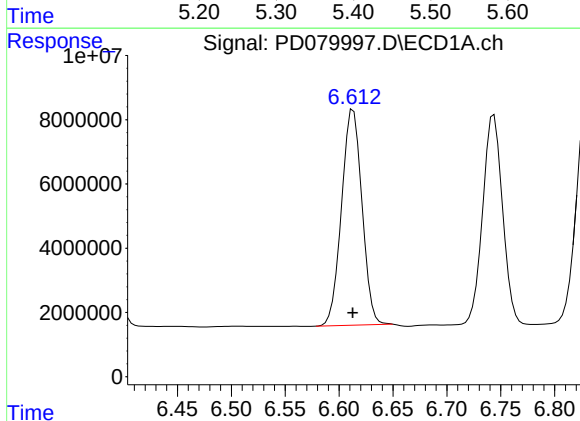
R.T.: 6.382 min  
Delta R.T.: 0.000 min  
Response: 109226032  
Conc: 50.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



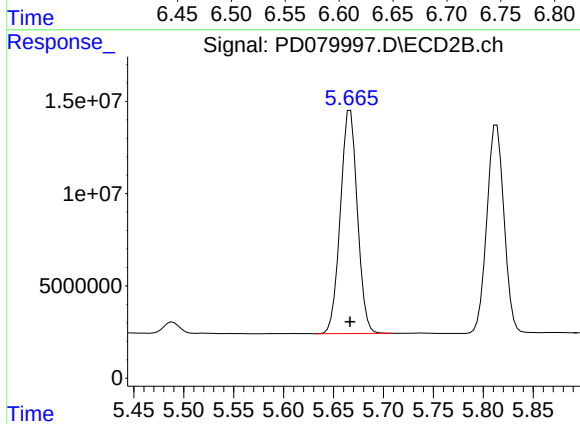
#13 Dieldrin

R.T.: 5.392 min  
Delta R.T.: 0.000 min  
Response: 171896031  
Conc: 52.50 ng/ml



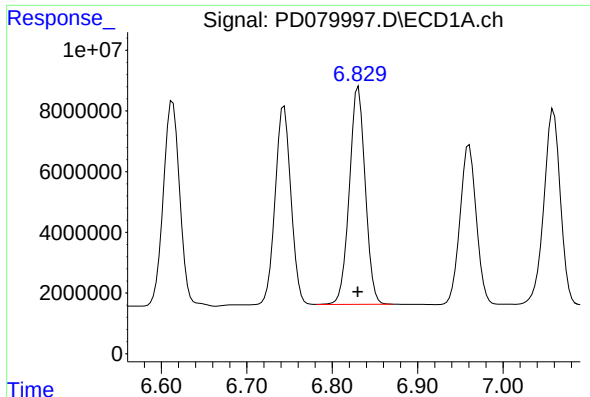
#14 Endrin

R.T.: 6.613 min  
Delta R.T.: 0.000 min  
Response: 88841192  
Conc: 48.99 ng/ml



#14 Endrin

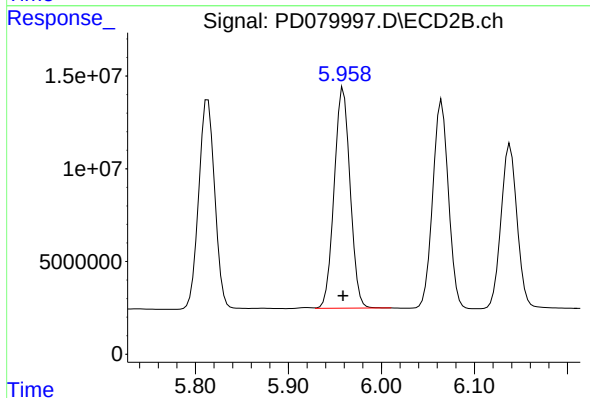
R.T.: 5.667 min  
Delta R.T.: 0.000 min  
Response: 143555266  
Conc: 51.09 ng/ml



#15 Endosulfan II

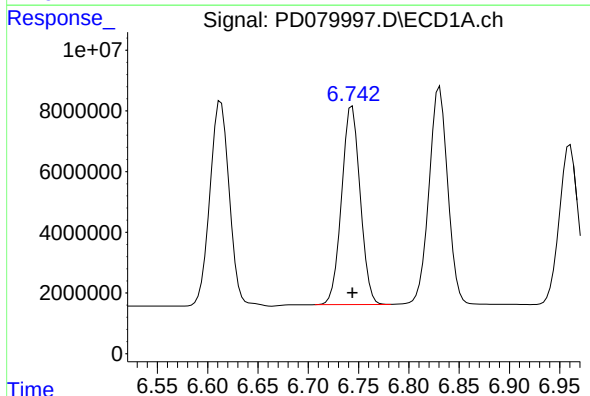
R.T.: 6.831 min  
Delta R.T.: 0.000 min  
Response: 92494120  
Conc: 48.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



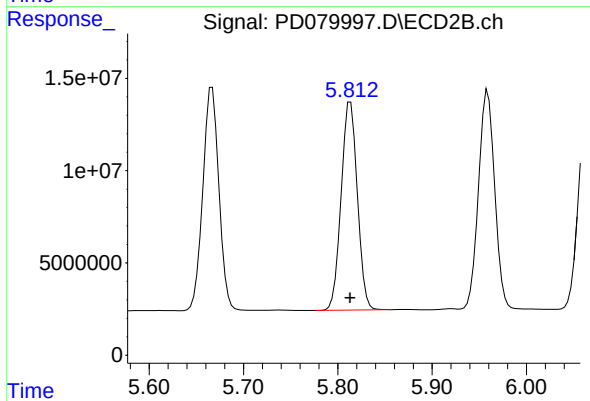
#15 Endosulfan II

R.T.: 5.959 min  
Delta R.T.: 0.000 min  
Response: 141949131  
Conc: 52.02 ng/ml



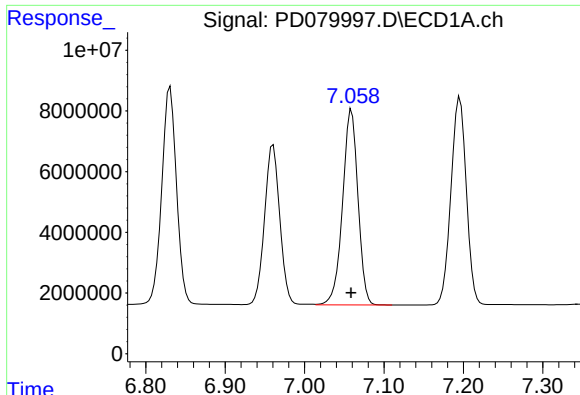
#16 4,4'-DDD

R.T.: 6.744 min  
Delta R.T.: 0.000 min  
Response: 83807017  
Conc: 50.03 ng/ml



#16 4,4'-DDD

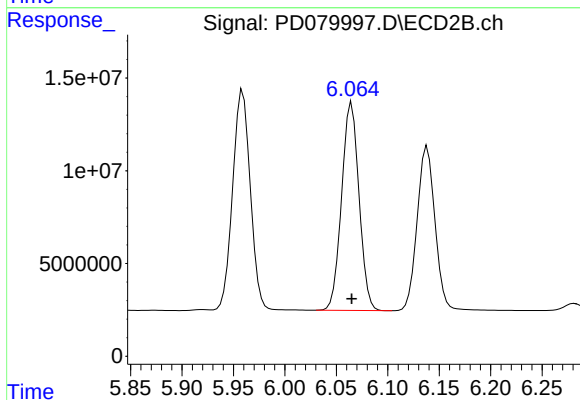
R.T.: 5.813 min  
Delta R.T.: 0.000 min  
Response: 134794111  
Conc: 52.35 ng/ml



#17 4,4'-DDT

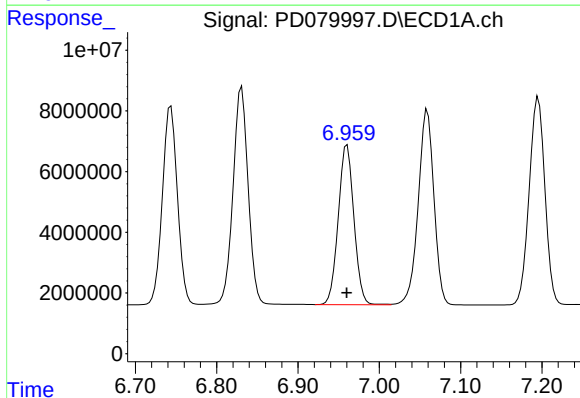
R.T.: 7.059 min  
Delta R.T.: 0.000 min  
Response: 86791157  
Conc: 48.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



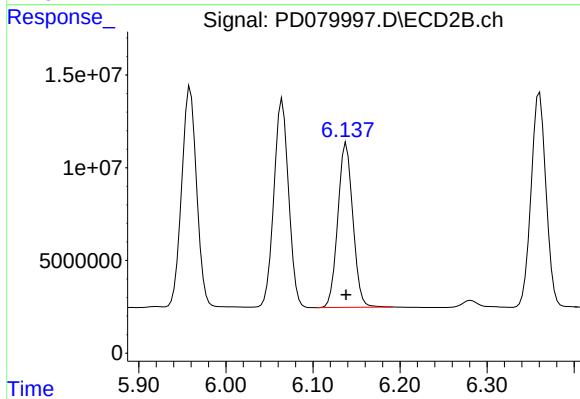
#17 4,4'-DDT

R.T.: 6.065 min  
Delta R.T.: 0.000 min  
Response: 131993571  
Conc: 51.95 ng/ml



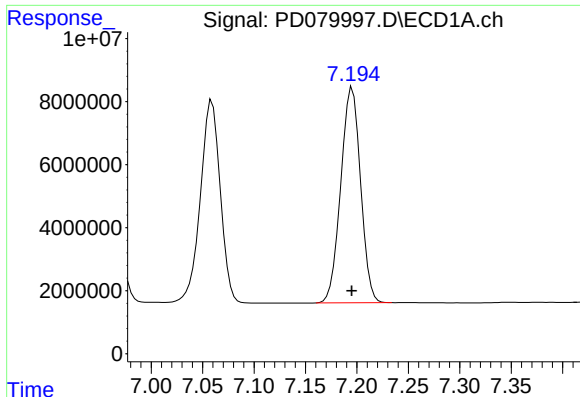
#18 Endrin aldehyde

R.T.: 6.960 min  
Delta R.T.: 0.000 min  
Response: 70195560  
Conc: 49.00 ng/ml



#18 Endrin aldehyde

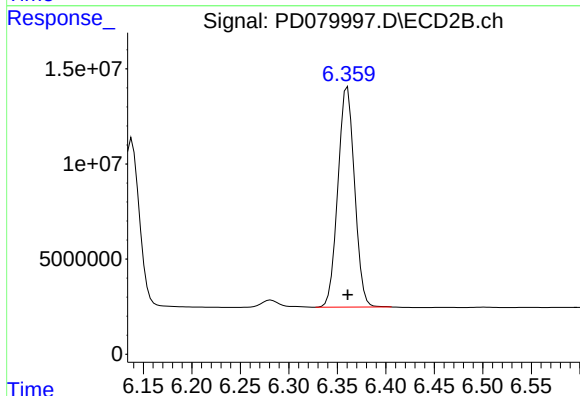
R.T.: 6.138 min  
Delta R.T.: 0.000 min  
Response: 106506563  
Conc: 51.88 ng/ml



#19 Endosulfan Sulfate

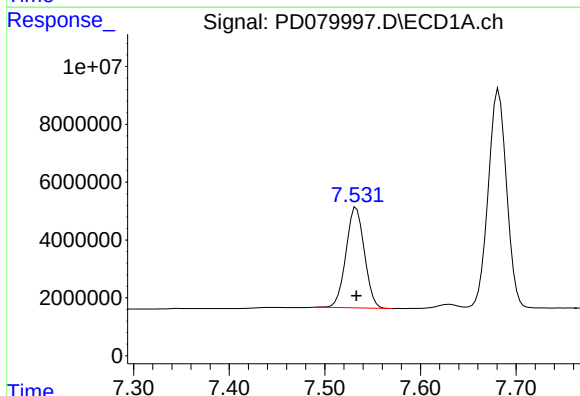
R.T.: 7.196 min  
Delta R.T.: 0.000 min  
Response: 91549135  
Conc: 48.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



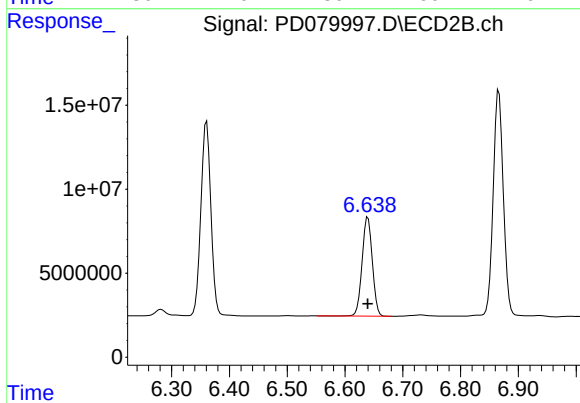
#19 Endosulfan Sulfate

R.T.: 6.361 min  
Delta R.T.: 0.000 min  
Response: 138042037  
Conc: 51.49 ng/ml



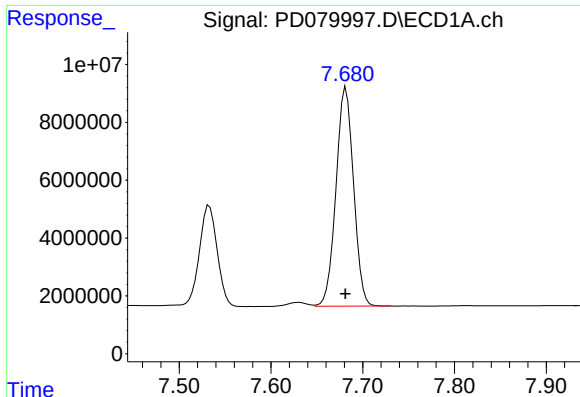
#20 Methoxychlor

R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 46548112  
Conc: 47.09 ng/ml



#20 Methoxychlor

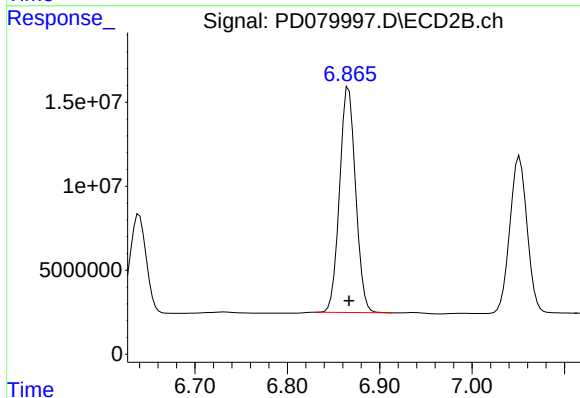
R.T.: 6.640 min  
Delta R.T.: 0.000 min  
Response: 72744393  
Conc: 49.75 ng/ml



#21 Endrin ketone

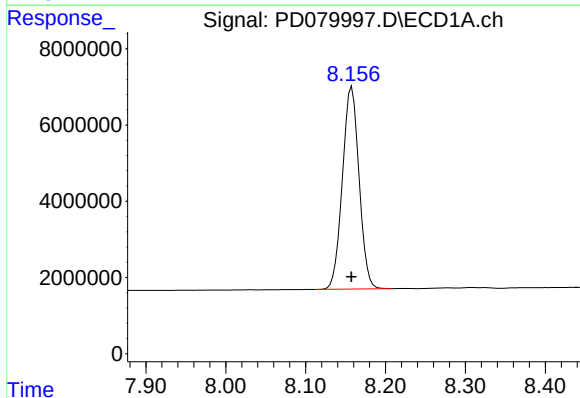
R.T.: 7.682 min  
Delta R.T.: 0.000 min  
Response: 100667471  
Conc: 48.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



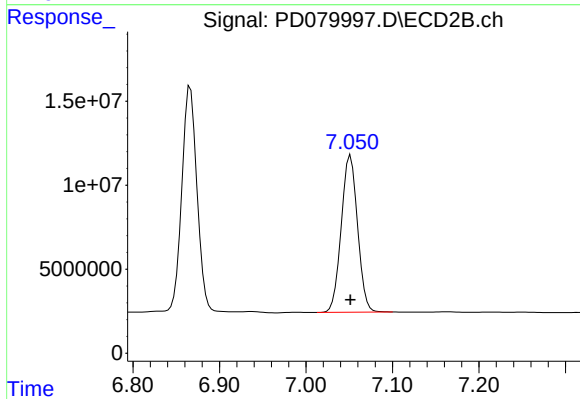
#21 Endrin ketone

R.T.: 6.866 min  
Delta R.T.: 0.000 min  
Response: 161826466  
Conc: 51.78 ng/ml



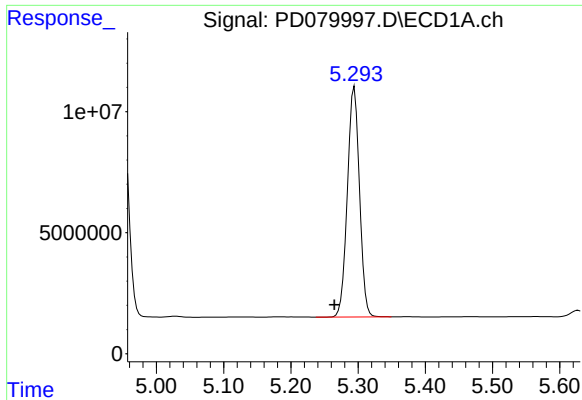
#22 Mirex

R.T.: 8.158 min  
Delta R.T.: 0.000 min  
Response: 76855774  
Conc: 46.98 ng/ml



#22 Mirex

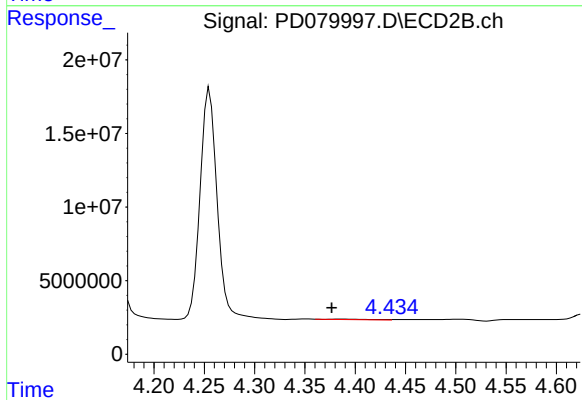
R.T.: 7.051 min  
Delta R.T.: 0.000 min  
Response: 121577876  
Conc: 50.24 ng/ml



#24 Chlordane-2

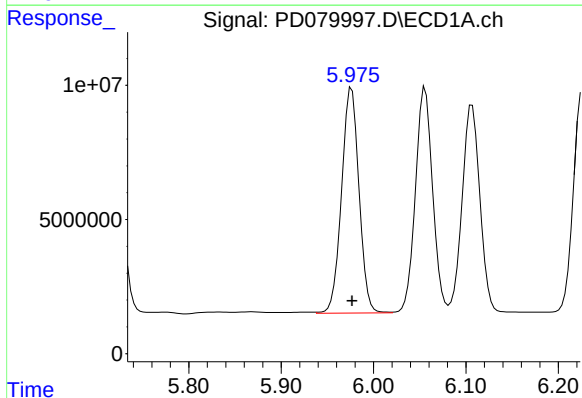
R.T.: 5.294 min  
Delta R.T.: 0.030 min  
Response: 119092643  
Conc: 1558.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



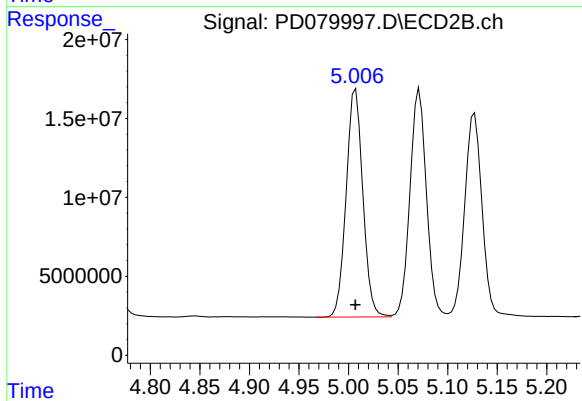
#24 Chlordane-2

R.T.: 4.387 min  
Delta R.T.: 0.011 min  
Response: 836053  
Conc: 7.31 ng/ml



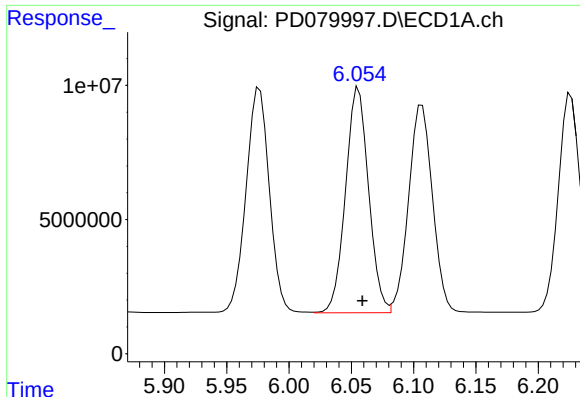
#25 Chlordane-3

R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 110214072  
Conc: 365.05 ng/ml



#25 Chlordane-3

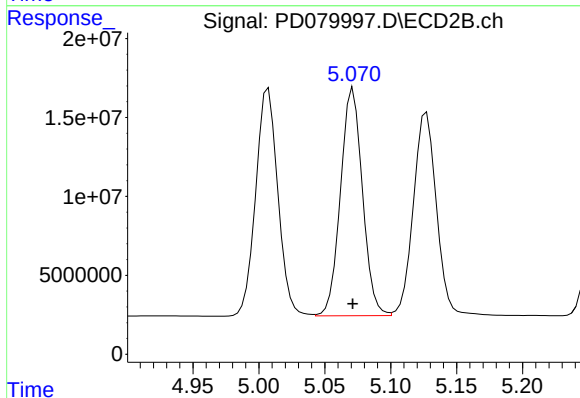
R.T.: 5.007 min  
Delta R.T.: 0.000 min  
Response: 168918422  
Conc: 536.17 ng/ml



#26 Chlordane-4

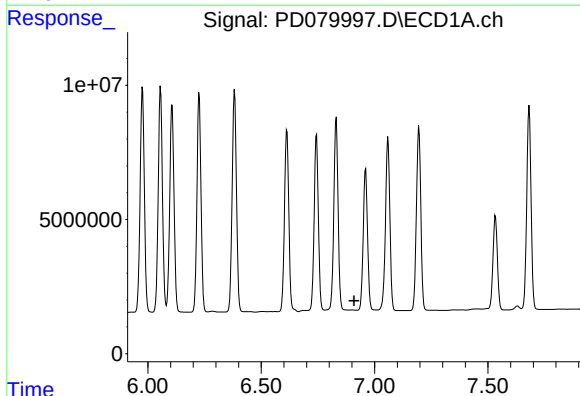
R.T.: 6.056 min  
Delta R.T.: -0.003 min  
Response: 108546892  
Conc: 299.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



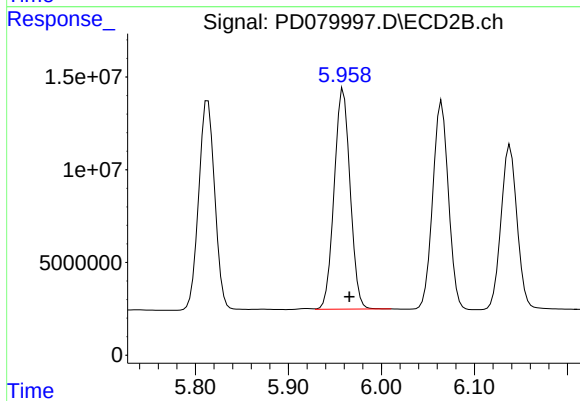
#26 Chlordane-4

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 166853310  
Conc: 567.10 ng/ml



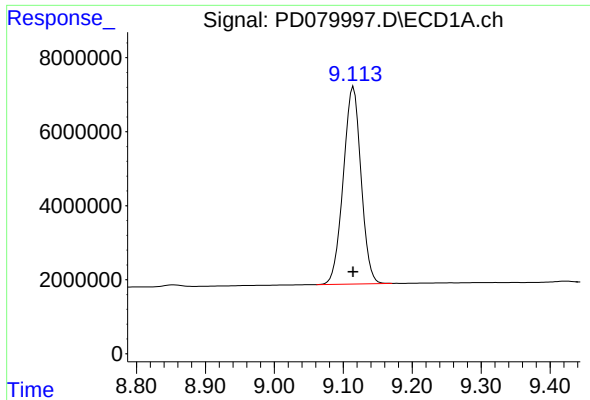
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.910 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

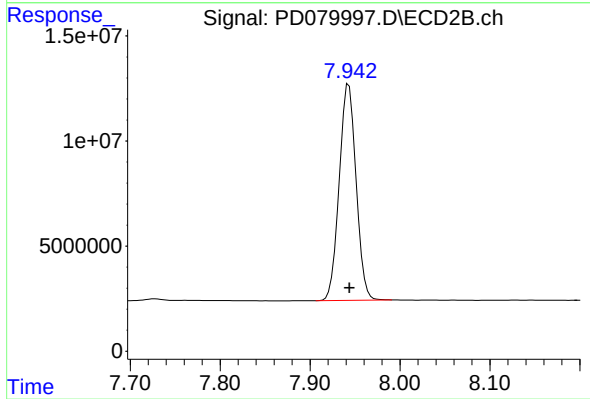
R.T.: 5.959 min  
Delta R.T.: -0.007 min  
Response: 141949131  
Conc: 1249.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min  
Delta R.T.: 0.000 min  
Response: 95363569  
Conc: 47.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.943 min  
Delta R.T.: 0.000 min  
Response: 134221532  
Conc: 47.61 ng/ml