

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032720\  
 Data File : PD057647.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Mar 2020 14:29  
 Operator : AJ\MA  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 ICPD032720

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 27 14:57:39 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032720.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 27 14:08:11 2020  
 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... | 3.227 | 3.896  | 34407374 | 39791611 | 48.191   | 50.719     |
| 28)                         | SA Decachlor... | 7.867 | 8.898  | 36963949 | 43671119 | 48.548   | 49.653     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.649 | 4.280  | 54272903 | 61116757 | 49.462   | 51.286     |
| 3)                          | MA gamma-BHC... | 3.921 | 4.560  | 51116583 | 58644395 | 47.477   | 50.795     |
| 4)                          | MA Heptachlor   | 4.201 | 5.061  | 39233350 | 59319650 | 49.785   | 52.691     |
| 5)                          | MB Aldrin       | 4.437 | 5.362  | 46504446 | 56128422 | 47.409   | 51.102     |
| 6)                          | B beta-BHC      | 4.169 | 4.730  | 20639774 | 25318848 | 48.644   | 50.206     |
| 7)                          | B delta-BHC     | 4.361 | 4.943  | 49929147 | 49182382 | 48.260   | 55.462     |
| 8)                          | B Heptachlo...  | 4.869 | 5.746  | 41420792 | 53792792 | 48.858   | 53.672     |
| 9)                          | A Endosulfan I  | 5.197 | 6.099  | 40136077 | 51607461 | 48.346   | 49.545     |
| 10)                         | B gamma-Chl...  | 5.089 | 5.978  | 44276897 | 56339027 | 48.212   | 51.663     |
| 11)                         | B alpha-Chl...  | 5.146 | 6.050  | 43893449 | 55489347 | 47.911   | 50.076     |
| 12)                         | B 4,4'-DDE      | 5.315 | 6.209  | 42376128 | 52052637 | 48.251   | 50.669     |
| 13)                         | MA Dieldrin     | 5.434 | 6.353  | 38834103 | 53387725 | 49.752   | 50.594     |
| 14)                         | MA Endrin       | 5.686 | 6.570  | 35385693 | 46360063 | 48.688   | 50.704     |
| 15)                         | B Endosulfa...  | 5.959 | 6.779  | 37932451 | 48909578 | 49.079   | 48.370     |
| 16)                         | A 4,4'-DDD      | 5.822 | 6.695  | 28630221 | 44897658 | 50.180   | 50.901     |
| 17)                         | MA 4,4'-DDT     | 6.056 | 6.992  | 29525116 | 44986857 | 50.673   | 51.419     |
| 18)                         | B Endrin al...  | 6.127 | 6.902  | 30867222 | 41402267 | 49.844   | 49.922     |
| 19)                         | B Endosulfa...  | 6.336 | 7.124  | 34696156 | 44969583 | 49.247   | 49.854     |
| 20)                         | A Methoxychlor  | 6.603 | 7.451  | 13346295 | 25039675 | 53.103   | 51.081     |
| 21)                         | B Endrin ke...  | 6.818 | 7.590  | 40492866 | 51079214 | 49.542   | 50.196     |
| 22)                         | Mirex           | 6.989 | 8.042  | 32608573 | 37463037 | 46.679   | 49.427     |
| 24)                         | Chlordane-2     | 0.000 | 5.362f | 0        | 56128422 | N.D.     | 1514.126 # |
| 25)                         | Chlordane-3     | 5.089 | 5.978  | 44276897 | 56339027 | 504.408  | 386.718    |
| 26)                         | Chlordane-4     | 5.146 | 6.050  | 43893449 | 55489347 | 542.773  | 313.981 #  |
| 27)                         | Chlordane-5     | 5.959 | 0.000  | 37932451 | 0        | 1423.027 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

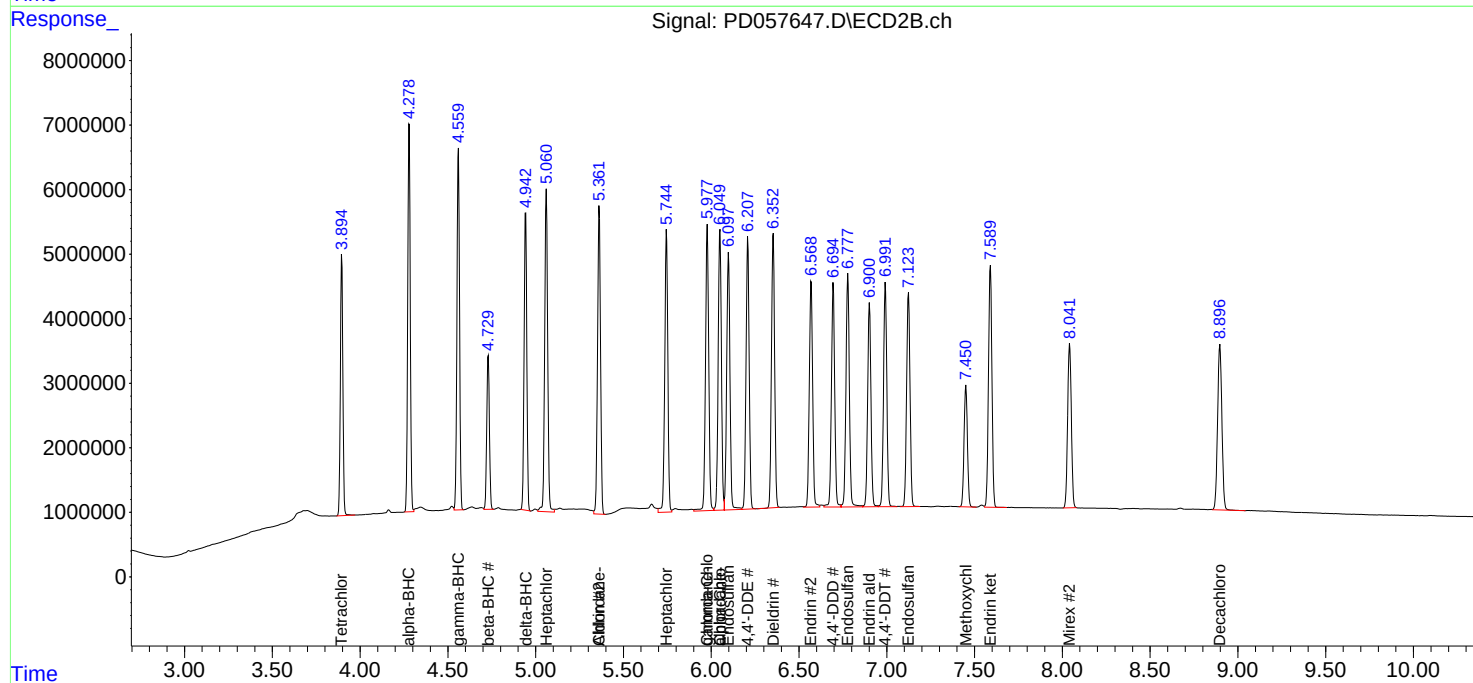
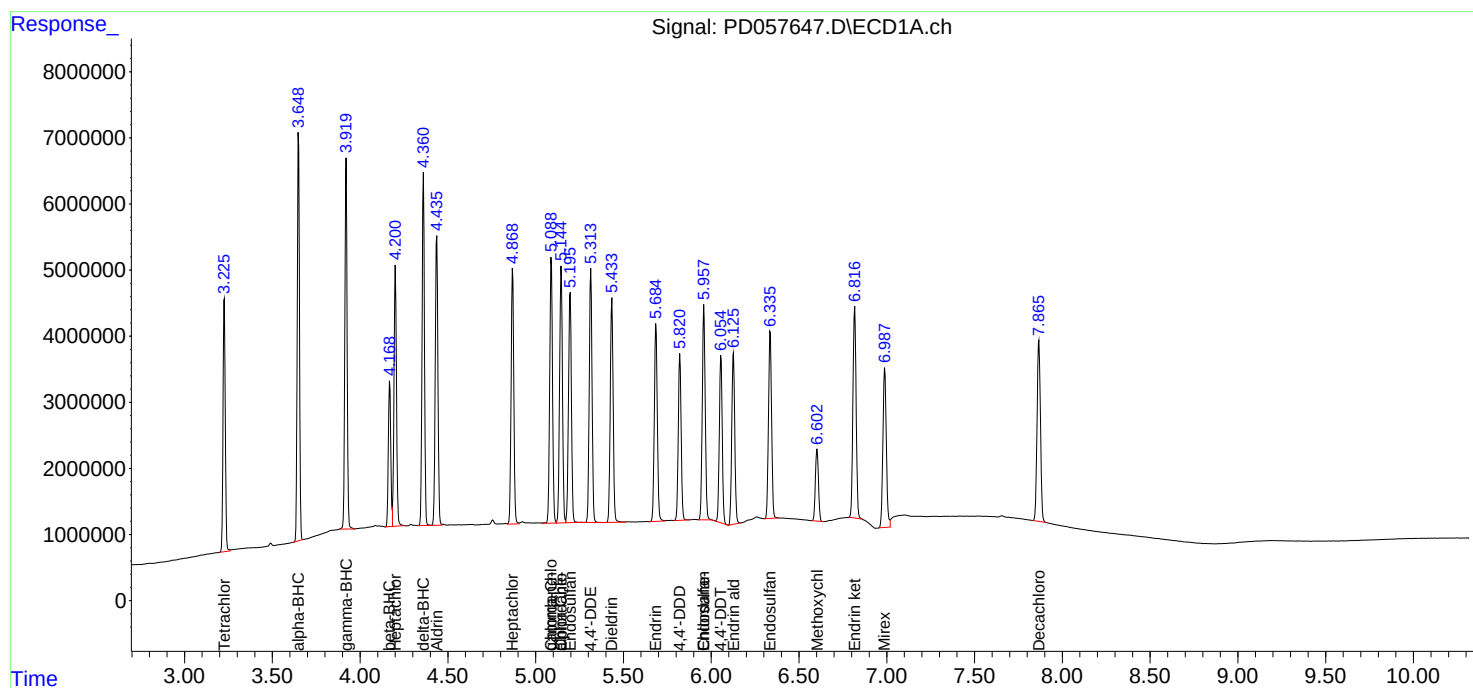
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

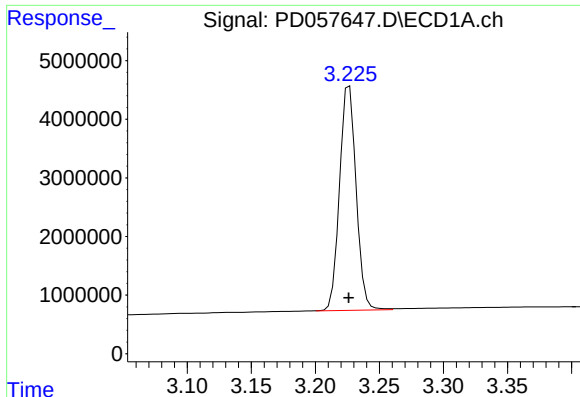
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032720\  
Data File : PD057647.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Mar 2020 14:29  
Operator : AJ\MA  
Sample : PSTDICV050  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD032720

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 27 14:57:39 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032720.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 27 14:08:11 2020  
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

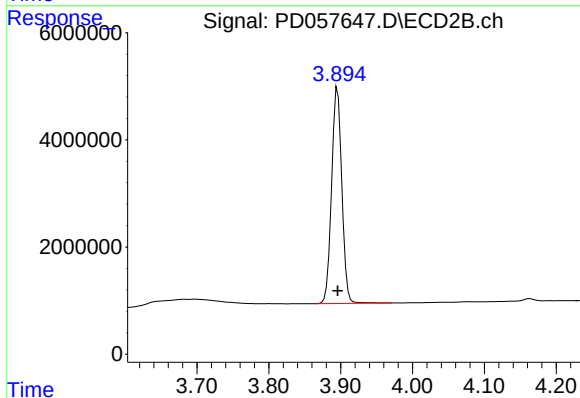




#1 Tetrachloro-m-xylene

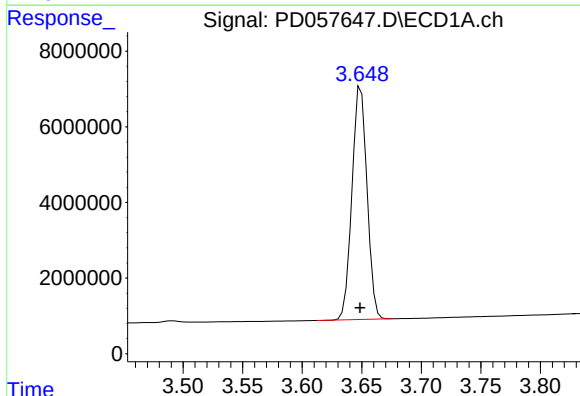
R.T.: 3.227 min  
Delta R.T.: 0.000 min  
Response: 34407374  
Conc: 48.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD032720



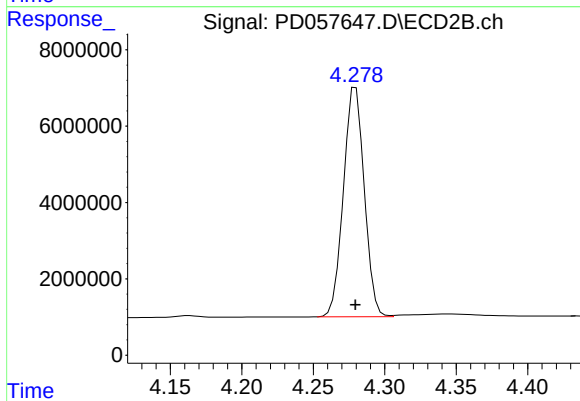
#1 Tetrachloro-m-xylene

R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 39791611  
Conc: 50.72 ng/ml



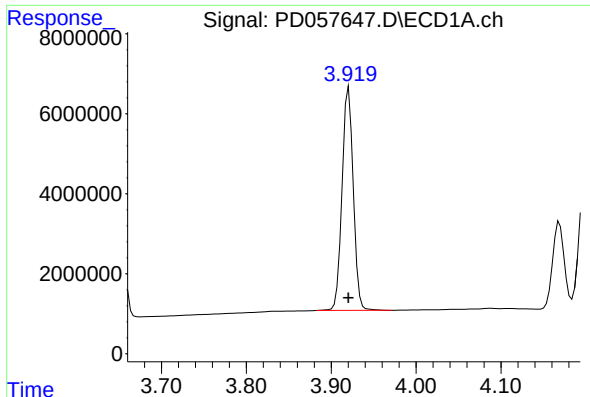
#2 alpha-BHC

R.T.: 3.649 min  
Delta R.T.: 0.000 min  
Response: 54272903  
Conc: 49.46 ng/ml



#2 alpha-BHC

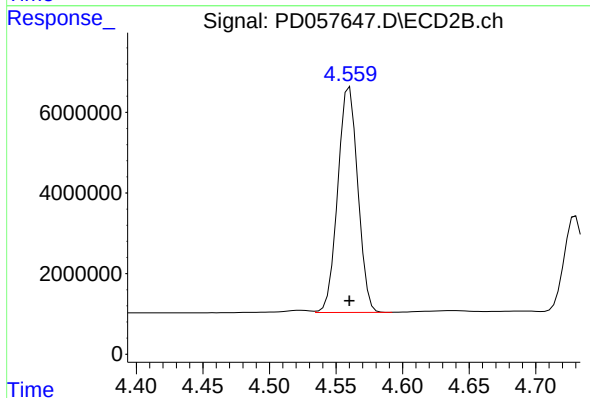
R.T.: 4.280 min  
Delta R.T.: 0.000 min  
Response: 61116757  
Conc: 51.29 ng/ml



#3 gamma-BHC (Lindane)

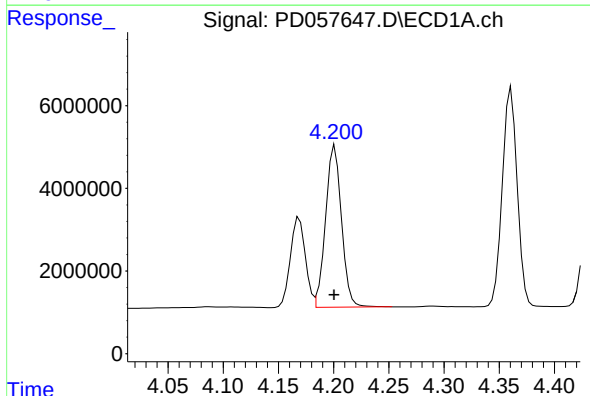
R.T.: 3.921 min  
Delta R.T.: 0.000 min  
Response: 51116583  
Conc: 47.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD032720



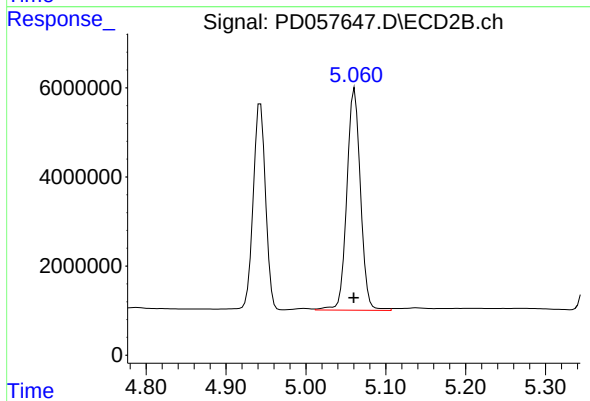
#3 gamma-BHC (Lindane)

R.T.: 4.560 min  
Delta R.T.: 0.000 min  
Response: 58644395  
Conc: 50.79 ng/ml



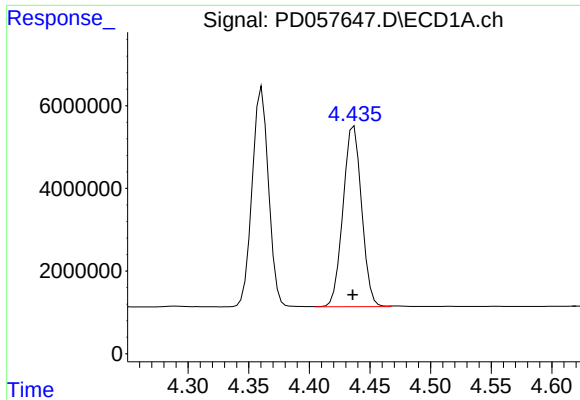
#4 Heptachlor

R.T.: 4.201 min  
Delta R.T.: 0.000 min  
Response: 39233350  
Conc: 49.78 ng/ml



#4 Heptachlor

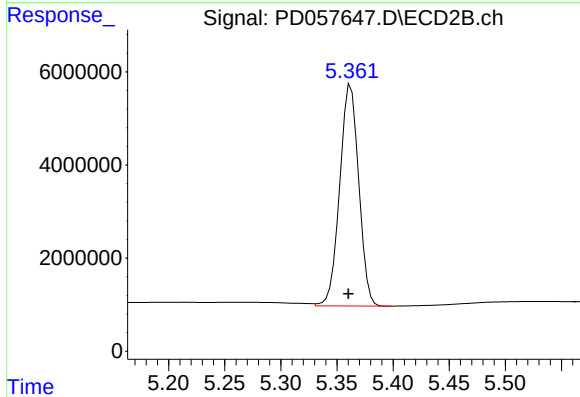
R.T.: 5.061 min  
Delta R.T.: 0.001 min  
Response: 59319650  
Conc: 52.69 ng/ml



#5 Aldrin

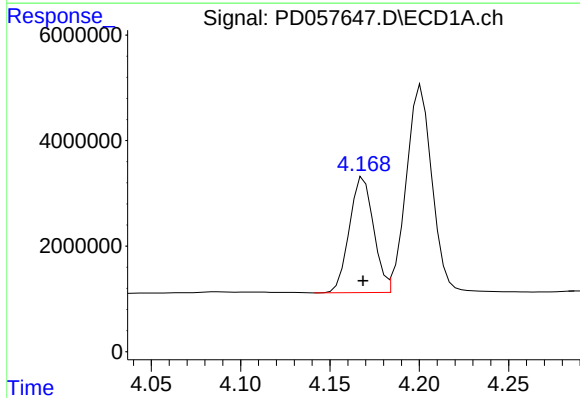
R.T.: 4.437 min  
Delta R.T.: 0.001 min  
Response: 46504446  
Conc: 47.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD032720



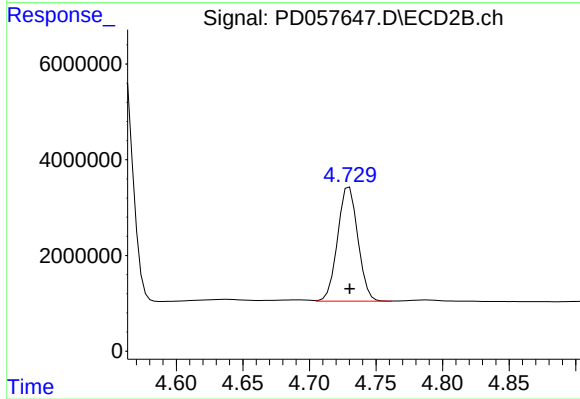
#5 Aldrin

R.T.: 5.362 min  
Delta R.T.: 0.002 min  
Response: 56128422  
Conc: 51.10 ng/ml



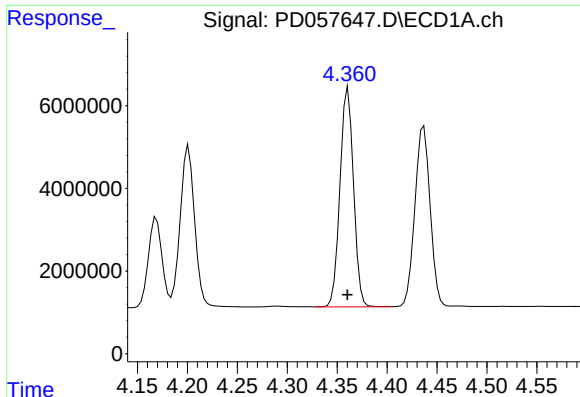
#6 beta-BHC

R.T.: 4.169 min  
Delta R.T.: 0.000 min  
Response: 20639774  
Conc: 48.64 ng/ml



#6 beta-BHC

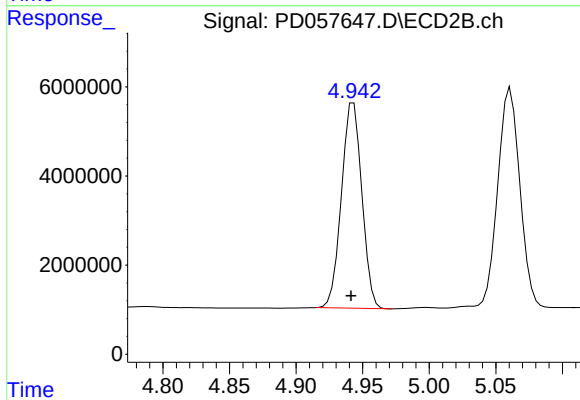
R.T.: 4.730 min  
Delta R.T.: 0.000 min  
Response: 25318848  
Conc: 50.21 ng/ml



#7 delta-BHC

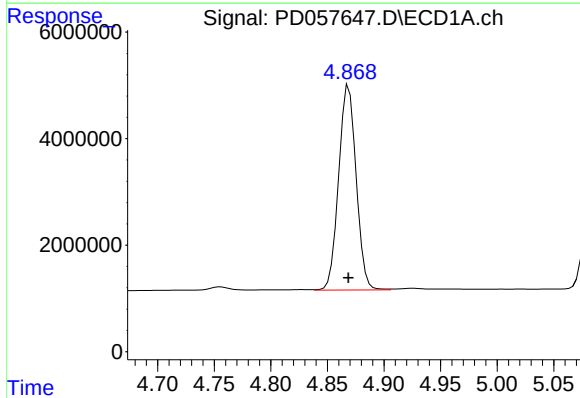
R.T.: 4.361 min  
Delta R.T.: 0.000 min  
Response: 49929147  
Conc: 48.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD032720



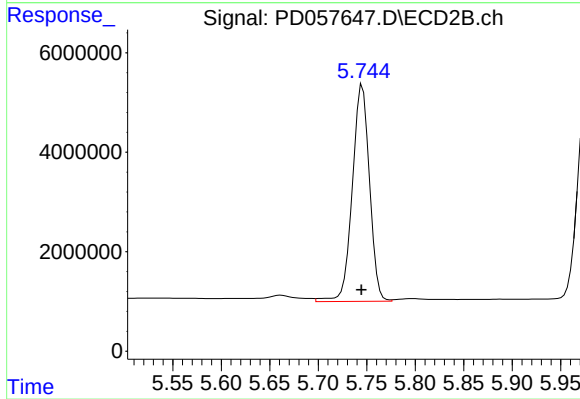
#7 delta-BHC

R.T.: 4.943 min  
Delta R.T.: 0.002 min  
Response: 49182382  
Conc: 55.46 ng/ml



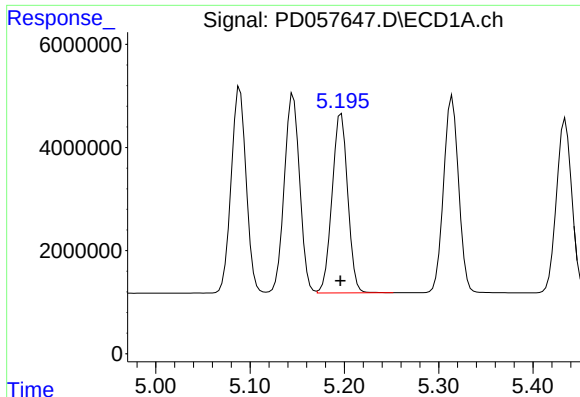
#8 Heptachlor epoxide

R.T.: 4.869 min  
Delta R.T.: 0.000 min  
Response: 41420792  
Conc: 48.86 ng/ml



#8 Heptachlor epoxide

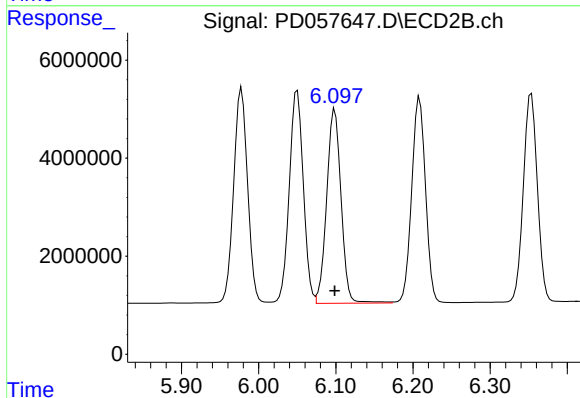
R.T.: 5.746 min  
Delta R.T.: 0.000 min  
Response: 53792792  
Conc: 53.67 ng/ml



#9 Endosulfan I

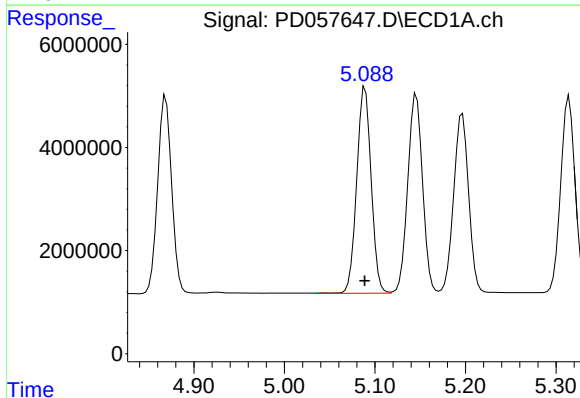
R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 40136077  
Conc: 48.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD032720



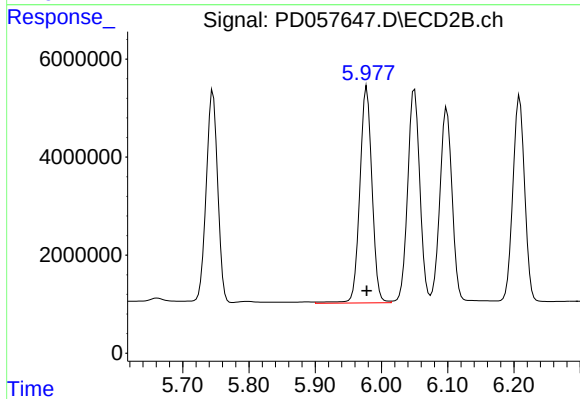
#9 Endosulfan I

R.T.: 6.099 min  
Delta R.T.: 0.000 min  
Response: 51607461  
Conc: 49.54 ng/ml



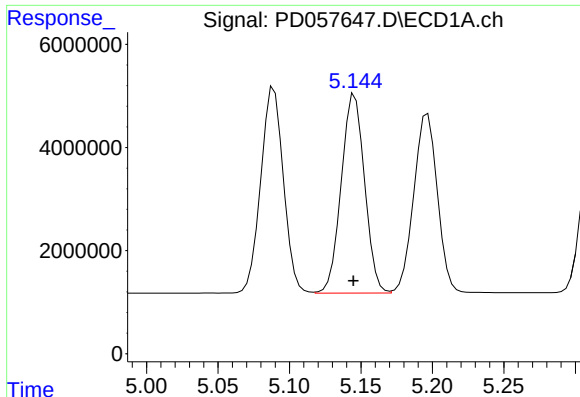
#10 gamma-Chlordane

R.T.: 5.089 min  
Delta R.T.: 0.000 min  
Response: 44276897  
Conc: 48.21 ng/ml



#10 gamma-Chlordane

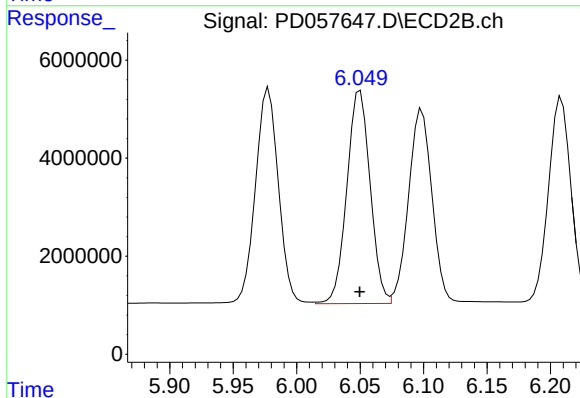
R.T.: 5.978 min  
Delta R.T.: 0.000 min  
Response: 56339027  
Conc: 51.66 ng/ml



#11 alpha-Chlordane

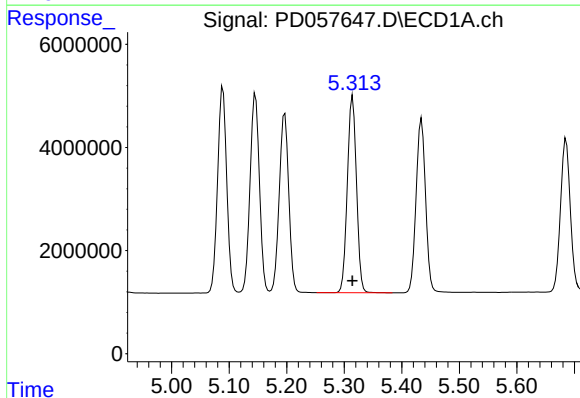
R.T.: 5.146 min  
Delta R.T.: 0.000 min  
Response: 43893449  
Conc: 47.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD032720



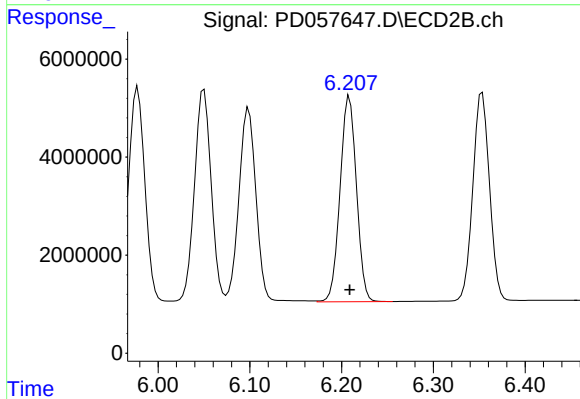
#11 alpha-Chlordane

R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 55489347  
Conc: 50.08 ng/ml



#12 4,4'-DDE

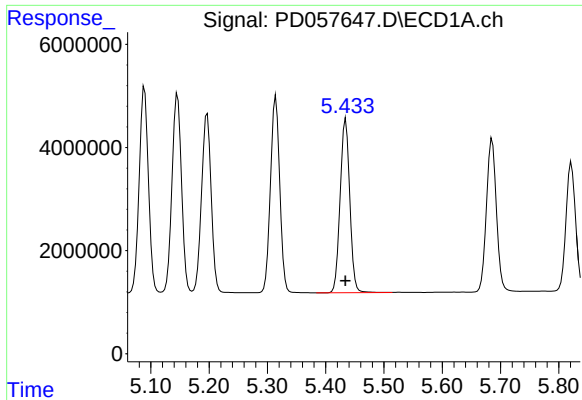
R.T.: 5.315 min  
Delta R.T.: 0.000 min  
Response: 42376128  
Conc: 48.25 ng/ml



#12 4,4'-DDE

R.T.: 6.209 min  
Delta R.T.: 0.000 min  
Response: 52052637  
Conc: 50.67 ng/ml

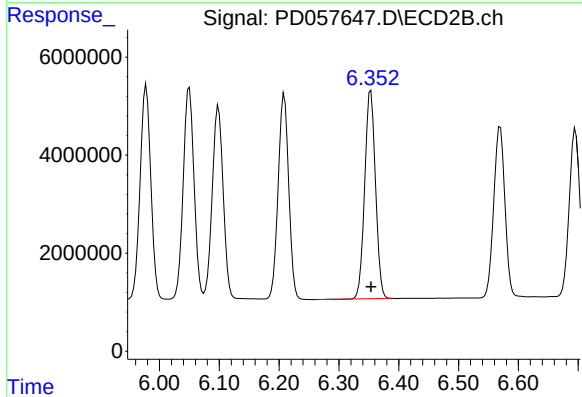




#13 Dieldrin

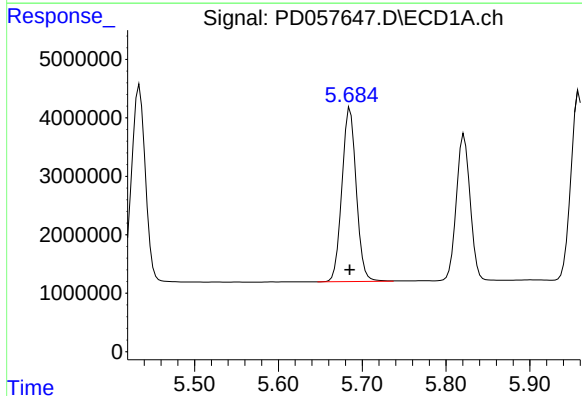
R.T.: 5.434 min  
Delta R.T.: 0.000 min  
Response: 38834103  
Conc: 49.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD032720



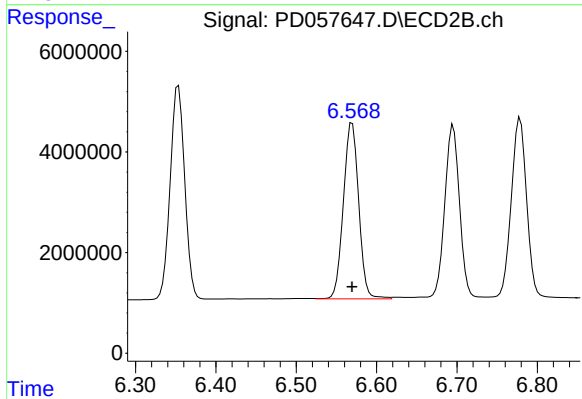
#13 Dieldrin

R.T.: 6.353 min  
Delta R.T.: 0.000 min  
Response: 53387725  
Conc: 50.59 ng/ml



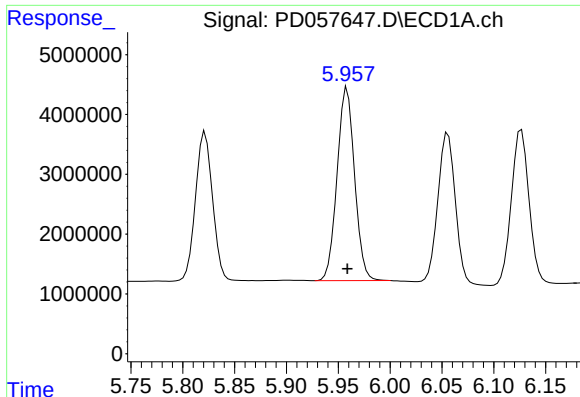
#14 Endrin

R.T.: 5.686 min  
Delta R.T.: 0.000 min  
Response: 35385693  
Conc: 48.69 ng/ml



#14 Endrin

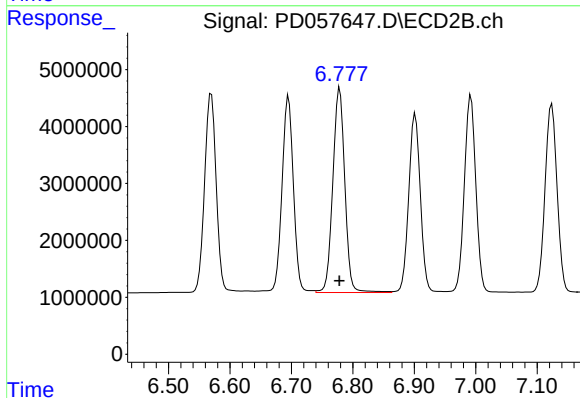
R.T.: 6.570 min  
Delta R.T.: 0.000 min  
Response: 46360063  
Conc: 50.70 ng/ml



#15 Endosulfan II

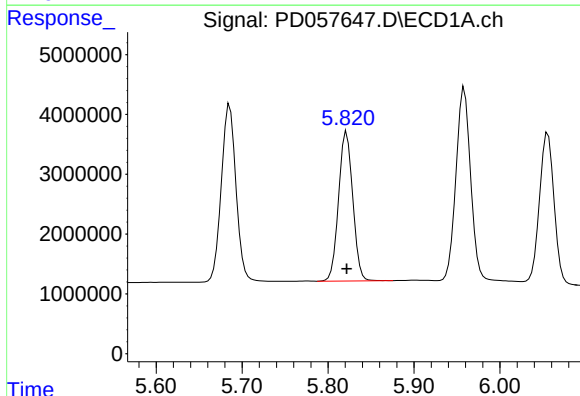
R.T.: 5.959 min  
Delta R.T.: 0.000 min  
Response: 37932451  
Conc: 49.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD032720



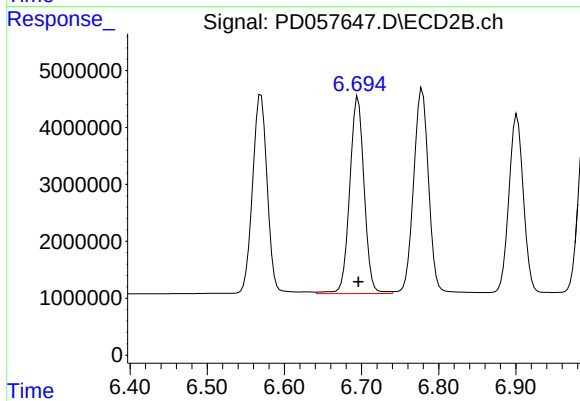
#15 Endosulfan II

R.T.: 6.779 min  
Delta R.T.: 0.000 min  
Response: 48909578  
Conc: 48.37 ng/ml



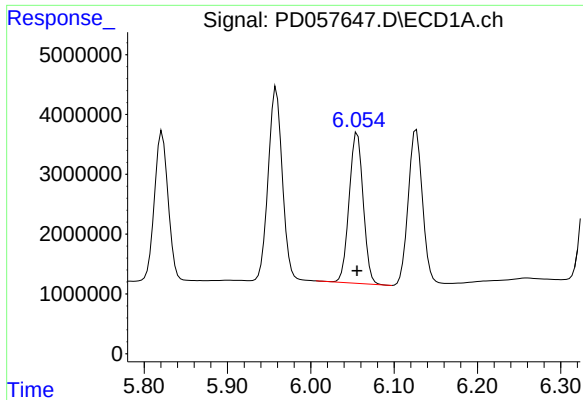
#16 4,4'-DDD

R.T.: 5.822 min  
Delta R.T.: 0.000 min  
Response: 28630221  
Conc: 50.18 ng/ml



#16 4,4'-DDD

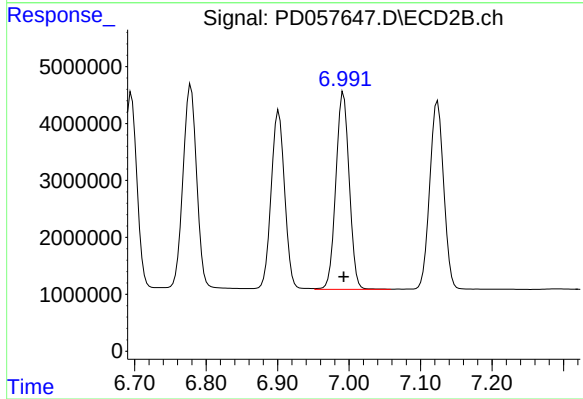
R.T.: 6.695 min  
Delta R.T.: 0.000 min  
Response: 44897658  
Conc: 50.90 ng/ml



#17 4,4'-DDT

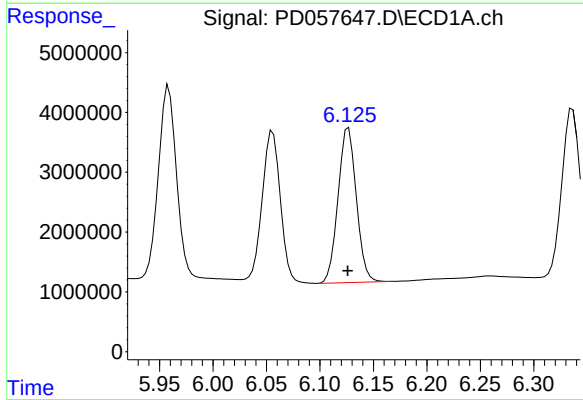
R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 29525116  
Conc: 50.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD032720



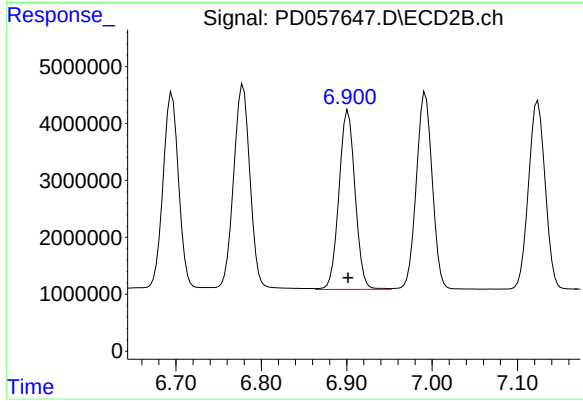
#17 4,4'-DDT

R.T.: 6.992 min  
Delta R.T.: 0.000 min  
Response: 44986857  
Conc: 51.42 ng/ml



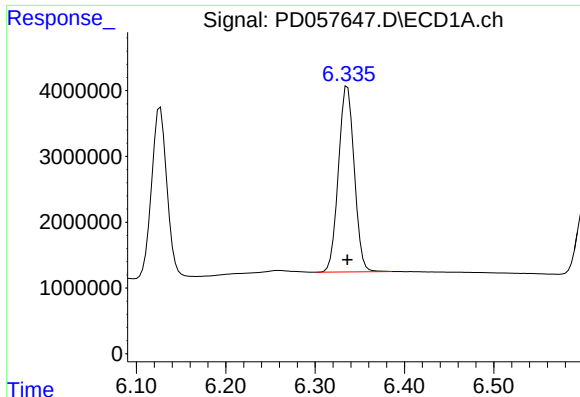
#18 Endrin aldehyde

R.T.: 6.127 min  
Delta R.T.: 0.000 min  
Response: 30867222  
Conc: 49.84 ng/ml



#18 Endrin aldehyde

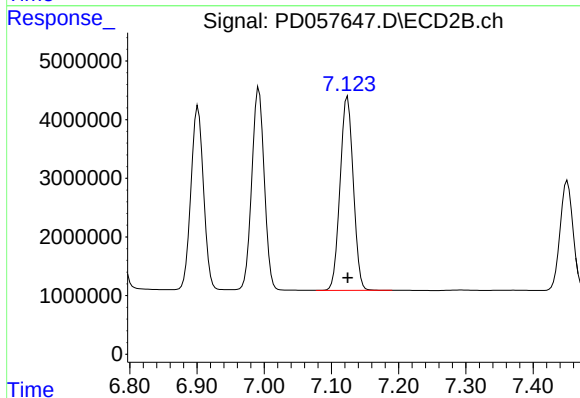
R.T.: 6.902 min  
Delta R.T.: 0.000 min  
Response: 41402267  
Conc: 49.92 ng/ml



#19 Endosulfan Sulfate

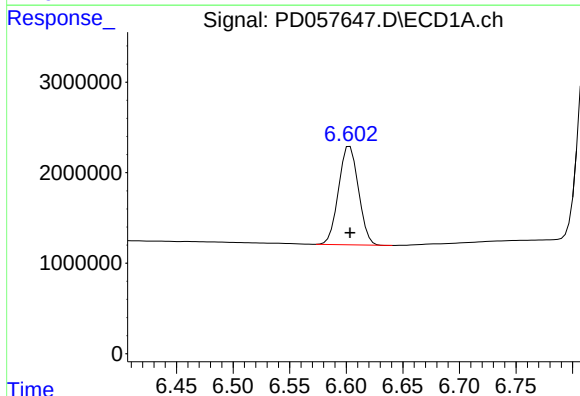
R.T.: 6.336 min  
Delta R.T.: 0.000 min  
Response: 34696156  
Conc: 49.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD032720



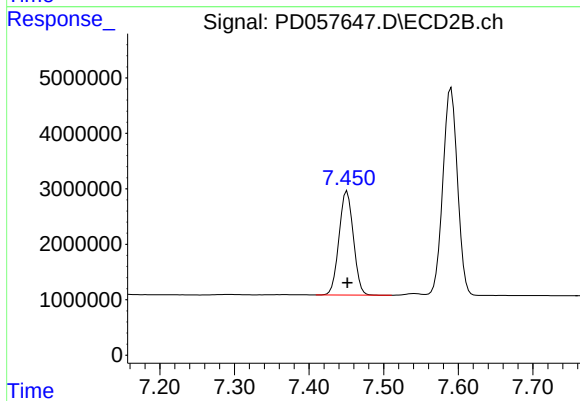
#19 Endosulfan Sulfate

R.T.: 7.124 min  
Delta R.T.: 0.000 min  
Response: 44969583  
Conc: 49.85 ng/ml



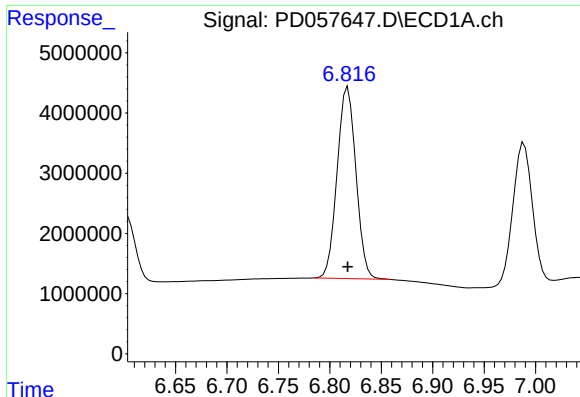
#20 Methoxychlor

R.T.: 6.603 min  
Delta R.T.: 0.000 min  
Response: 13346295  
Conc: 53.10 ng/ml



#20 Methoxychlor

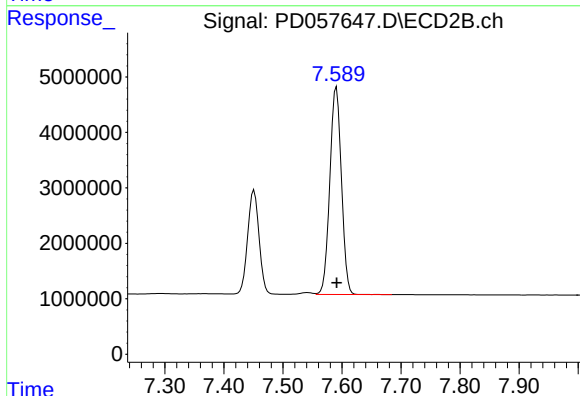
R.T.: 7.451 min  
Delta R.T.: 0.000 min  
Response: 25039675  
Conc: 51.08 ng/ml



#21 Endrin ketone

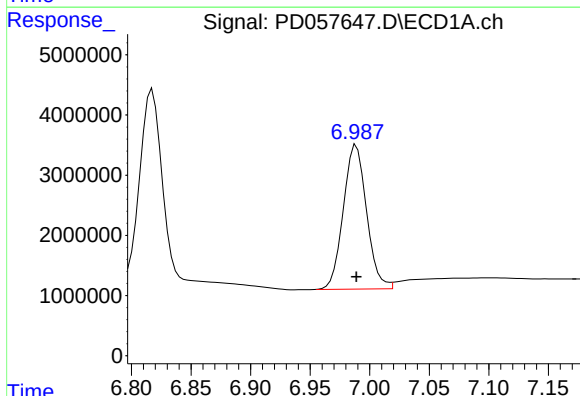
R.T.: 6.818 min  
Delta R.T.: 0.000 min  
Response: 40492866  
Conc: 49.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD032720



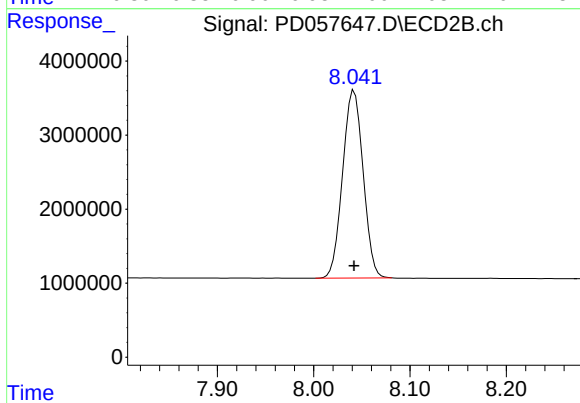
#21 Endrin ketone

R.T.: 7.590 min  
Delta R.T.: 0.000 min  
Response: 51079214  
Conc: 50.20 ng/ml



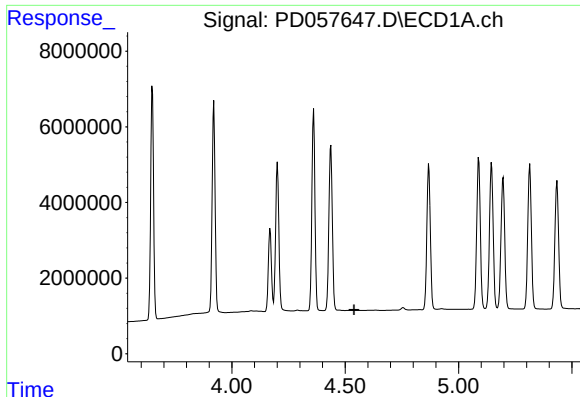
#22 Mirex

R.T.: 6.989 min  
Delta R.T.: 0.000 min  
Response: 32608573  
Conc: 46.68 ng/ml



#22 Mirex

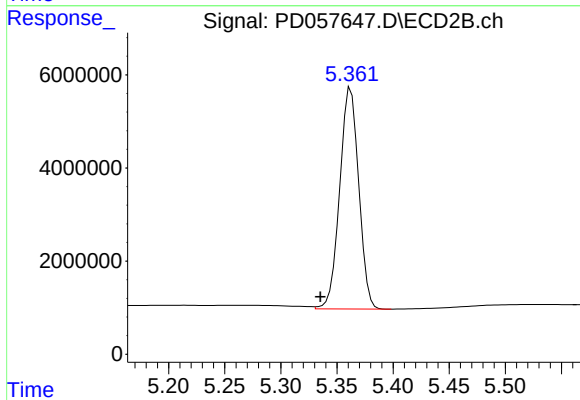
R.T.: 8.042 min  
Delta R.T.: 0.000 min  
Response: 37463037  
Conc: 49.43 ng/ml



#24 Chlordane-2

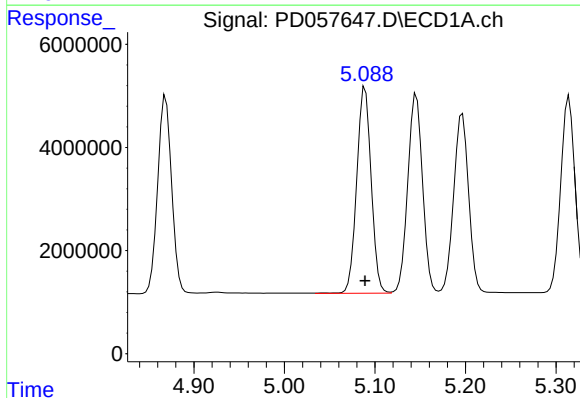
R.T.: 0.000 min  
Exp R.T.: 4.539 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD032720



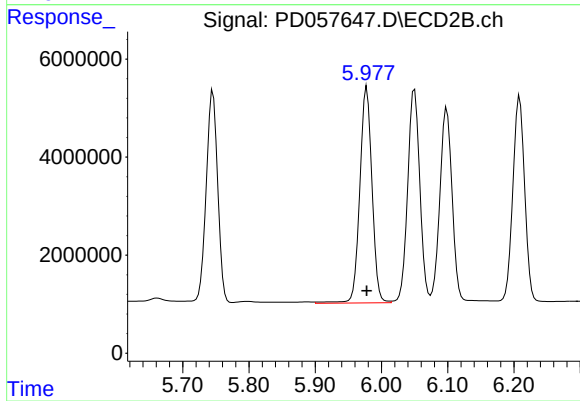
#24 Chlordane-2

R.T.: 5.362 min  
Delta R.T.: 0.027 min  
Response: 56128422  
Conc: 1514.13 ng/ml



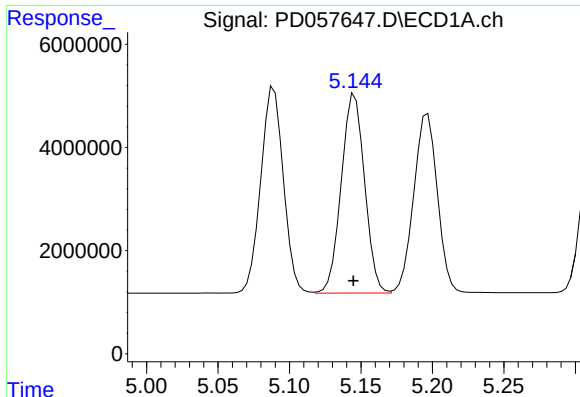
#25 Chlordane-3

R.T.: 5.089 min  
Delta R.T.: 0.000 min  
Response: 44276897  
Conc: 504.41 ng/ml



#25 Chlordane-3

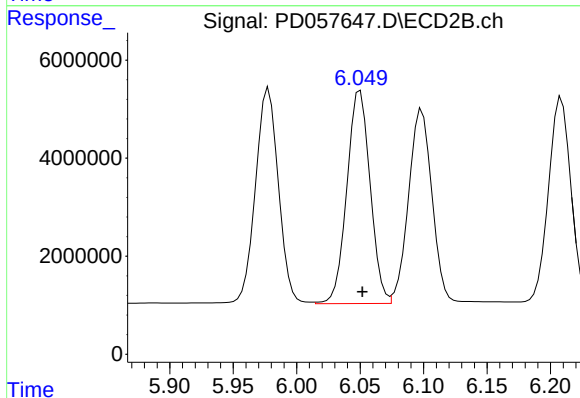
R.T.: 5.978 min  
Delta R.T.: 0.000 min  
Response: 56339027  
Conc: 386.72 ng/ml



#26 Chlordane-4

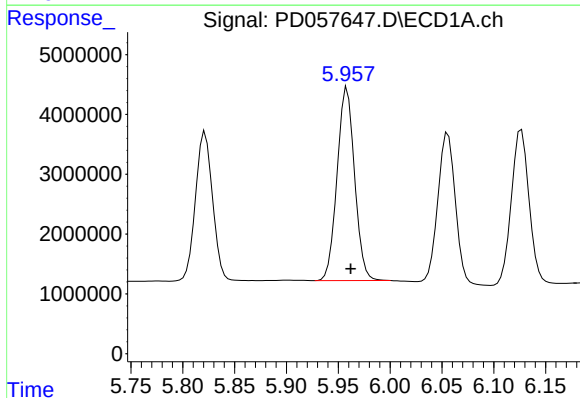
R.T.: 5.146 min  
Delta R.T.: 0.000 min  
Response: 43893449  
Conc: 542.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD032720



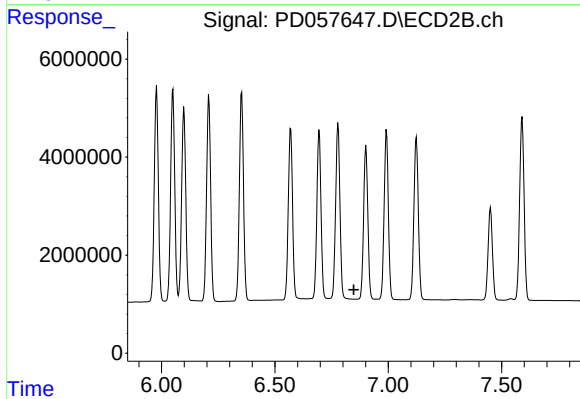
#26 Chlordane-4

R.T.: 6.050 min  
Delta R.T.: -0.002 min  
Response: 55489347  
Conc: 313.98 ng/ml



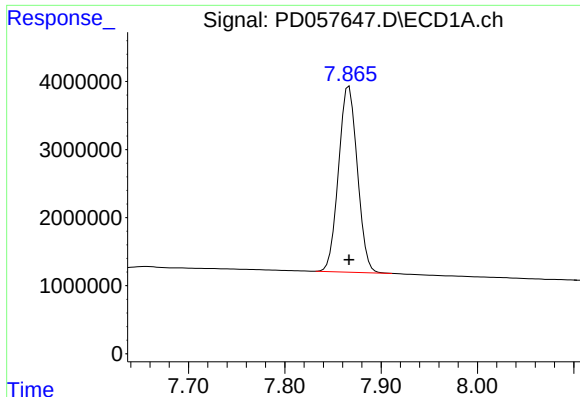
#27 Chlordane-5

R.T.: 5.959 min  
Delta R.T.: -0.003 min  
Response: 37932451  
Conc: 1423.03 ng/ml



#27 Chlordane-5

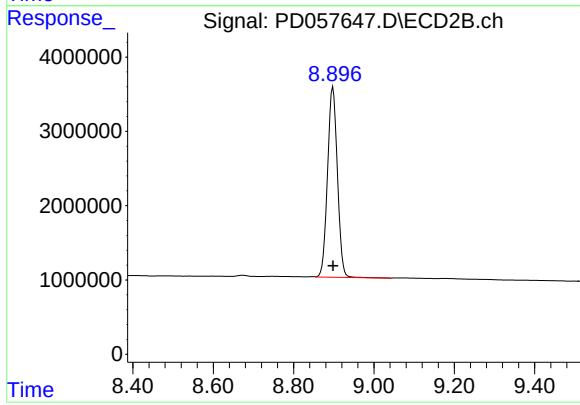
R.T.: 0.000 min  
Exp R.T.: 6.849 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.867 min  
Delta R.T.: 0.000 min  
Response: 36963949  
Conc: 48.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD032720



#28 Decachlorobiphenyl

R.T.: 8.898 min  
Delta R.T.: 0.000 min  
Response: 43671119  
Conc: 49.65 ng/ml