

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100119\  
 Data File : PD055089.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Oct 2019 17:54  
 Operator : SG\AJ  
 Sample : K5028-05  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BFDK6

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 02 04:17:05 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092319CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 24 07:21:19 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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

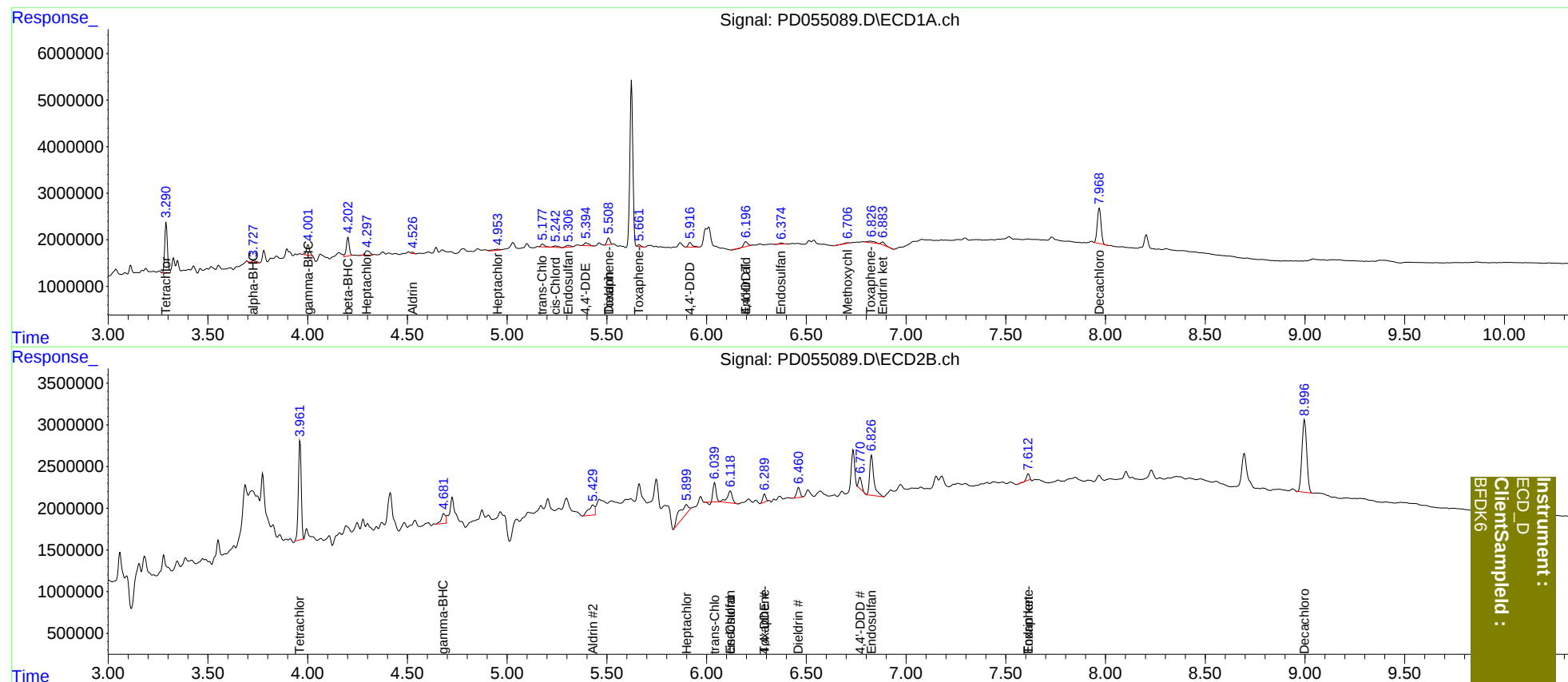
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.291  | 3.962  | 9850159  | 11766899 | 12.948  | 11.466    |
| 27)                         | SA Decachlor... | 7.969  | 8.998  | 9880951  | 14475665 | 11.727  | 12.425    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.728  | 0.000  | 377231   | 0        | 0.340   | N.D. #    |
| 3)                          | MA gamma-BHC... | 4.003  | 4.683f | 2458903  | 1698190  | 2.293   | 1.213 #   |
| 4)                          | MA Heptachlor   | 4.299  | 0.000  | 1650797  | 0        | 1.784   | N.D. #    |
| 5)                          | MB Aldrin       | 4.527  | 5.430  | 264736   | 2583633  | 0.272   | 1.954 #   |
| 6)                          | B beta-BHC      | 4.203f | 0.000  | 4056603  | 0        | 8.671   | N.D. #    |
| 8)                          | B Heptachlo...  | 4.955  | 5.900f | 591492   | 4316383  | 0.645   | 3.282 #   |
| 9)                          | A Endosulfan I  | 5.308  | 6.120f | 610902   | 2575108  | 0.688   | 2.041 #   |
| 10)                         | B trans-Chl...  | 5.178  | 6.041  | 753585   | 2264482  | 0.798   | 1.671 #   |
| 11)                         | B cis-Chlor...  | 5.243  | 6.120  | 524936   | 2575108  | 0.574   | 1.955 #   |
| 12)                         | B 4,4'-DDE      | 5.395  | 6.291  | 1010458  | 1008326  | 1.126   | 0.779 #   |
| 13)                         | MA Dieldrin     | 5.509  | 6.462  | 1513329  | 1420064  | 1.537   | 1.018 #   |
| 14)                         | MA Endrin       | 5.838f | 0.000  | 28732    | 0        | <MDL    | N.D. #    |
| 15)                         | B Endosulfa...  | 6.011f | 6.827f | -2349318 | 7055068  | N.D.    | 5.548     |
| 16)                         | A 4,4'-DDD      | 5.918  | 6.770  | 1335161  | 1480543  | 1.841   | 1.364 #   |
| 17)                         | MA 4,4'-DDT     | 6.197f | 0.000  | 1254524  | 0        | 1.882   | N.D. #    |
| 18)                         | B Endrin al...  | 6.197  | 0.000  | 1254524  | 0        | 1.725   | N.D. #    |
| 19)                         | B Endosulfa...  | 6.376f | 7.152f | 306823   | -7552    | 0.378   | N.D. #    |
| 20)                         | A Methoxychlor  | 6.708  | 0.000  | 203079   | 0        | 0.573   | N.D. #    |
| 21)                         | B Endrin ke...  | 6.884f | 7.613f | 881487   | 805671   | 0.976   | 0.611 #   |
| 22)                         | Toxaphene-1     | 5.509  | 6.291  | 1513329  | 1008326  | 270.515 | 153.491 # |
| 23)                         | Toxaphene-2     | 5.662  | 0.000  | 411160   | 0        | 70.944  | N.D. #    |
| 26)                         | Toxaphene-5     | 6.823  | 7.613  | 865945   | 805671   | 46.813  | 49.074    |
| -----                       |                 |        |        |          |          |         |           |

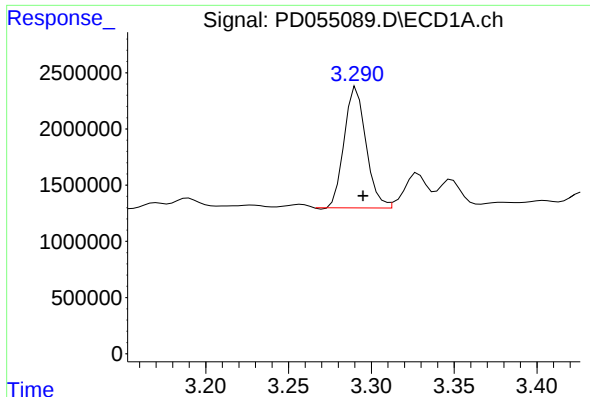
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100119\  
Data File : PD055089.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Oct 2019 17:54  
Operator : SG\AJ  
Sample : K5028-05  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 02 04:17:05 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092319CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 24 07:21:19 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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

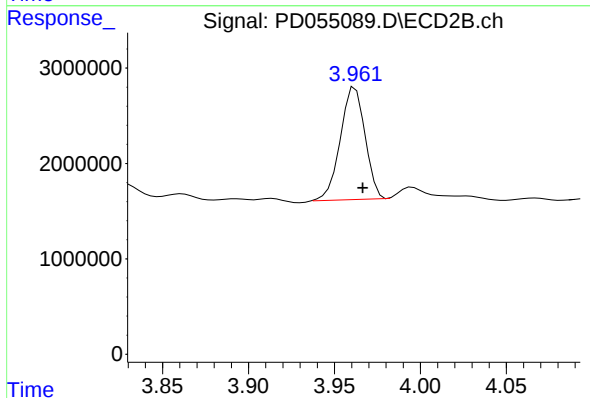




#1 Tetrachloro-m-xylene

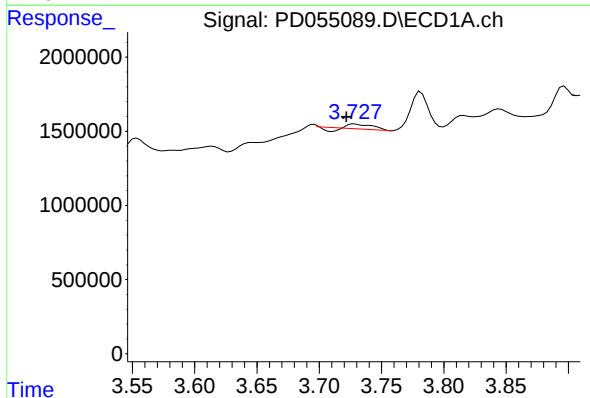
R.T.: 3.291 min  
Delta R.T.: -0.004 min  
Response: 9850159  
Conc: 12.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDK6



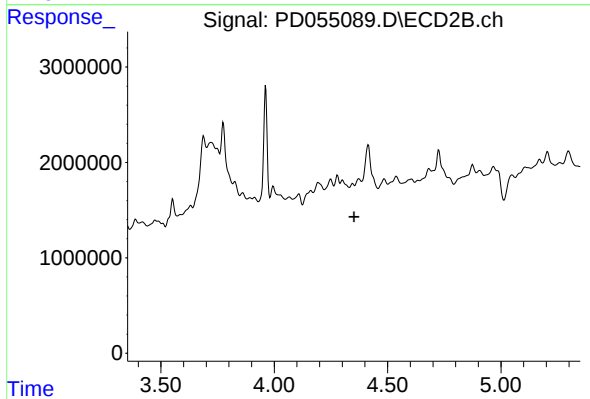
#1 Tetrachloro-m-xylene

R.T.: 3.962 min  
Delta R.T.: -0.004 min  
Response: 11766899  
Conc: 11.47 ng/ml



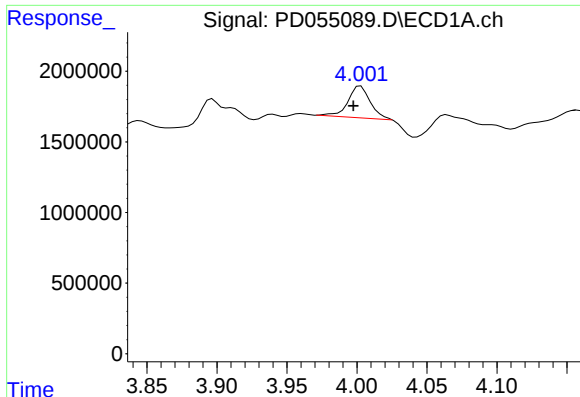
#2 alpha-BHC

R.T.: 3.728 min  
Delta R.T.: 0.007 min  
Response: 377231  
Conc: 0.34 ng/ml



#2 alpha-BHC

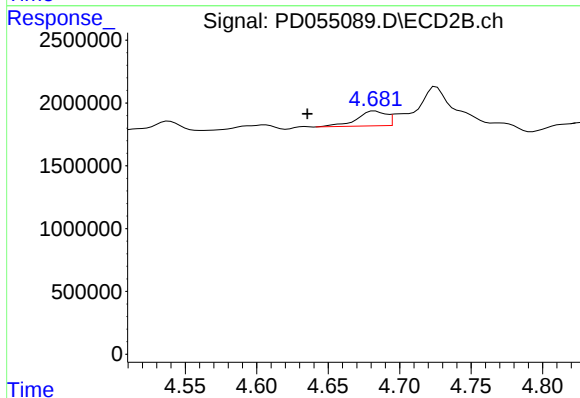
R.T.: 0.000 min  
Exp R.T.: 4.353 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

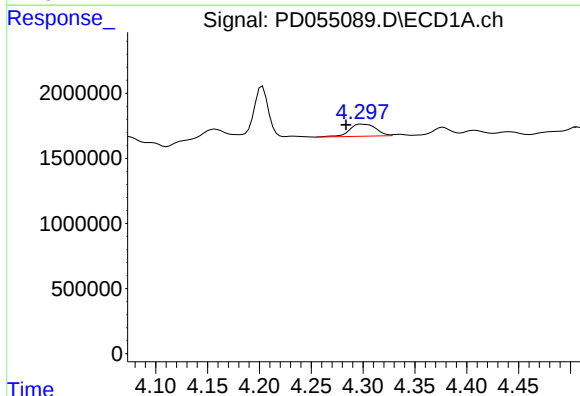
R.T.: 4.003 min  
Delta R.T.: 0.005 min  
Response: 2458903  
Conc: 2.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDK6



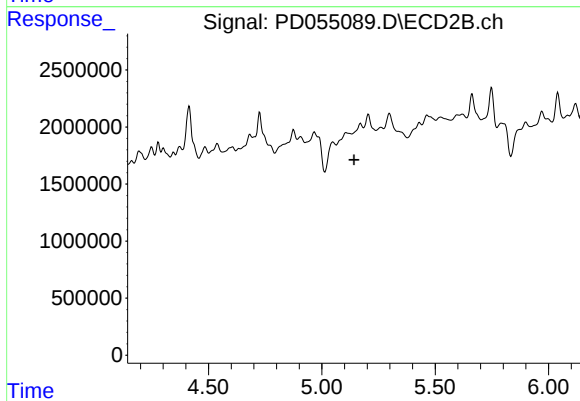
#3 gamma-BHC (Lindane)

R.T.: 4.683 min  
Delta R.T.: 0.047 min  
Response: 1698190  
Conc: 1.21 ng/ml



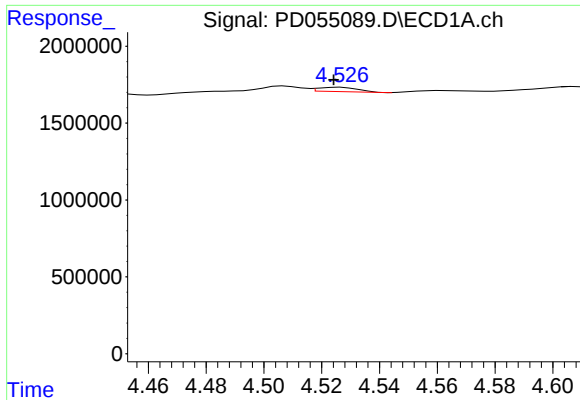
#4 Heptachlor

R.T.: 4.299 min  
Delta R.T.: 0.015 min  
Response: 1650797  
Conc: 1.78 ng/ml



#4 Heptachlor

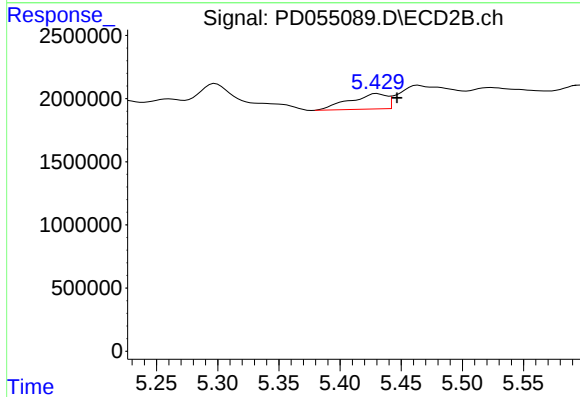
R.T.: 0.000 min  
Exp R.T.: 5.142 min  
Response: 0  
Conc: N.D.



#5 Aldrin

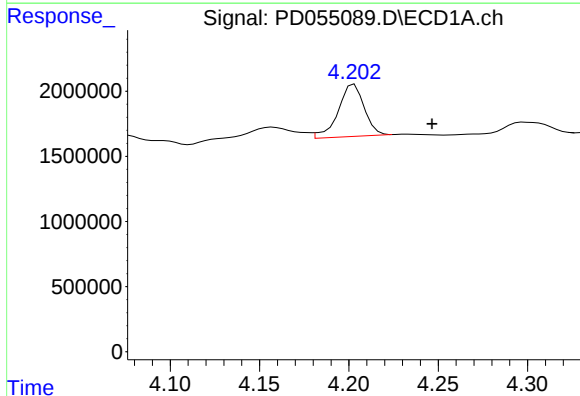
R.T.: 4.527 min  
Delta R.T.: 0.002 min  
Response: 264736  
Conc: 0.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDK6



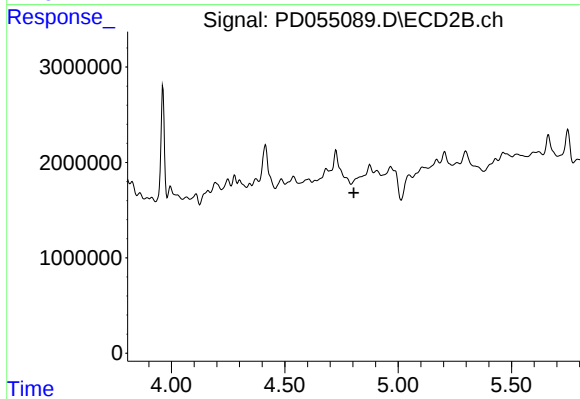
#5 Aldrin

R.T.: 5.430 min  
Delta R.T.: -0.016 min  
Response: 2583633  
Conc: 1.95 ng/ml



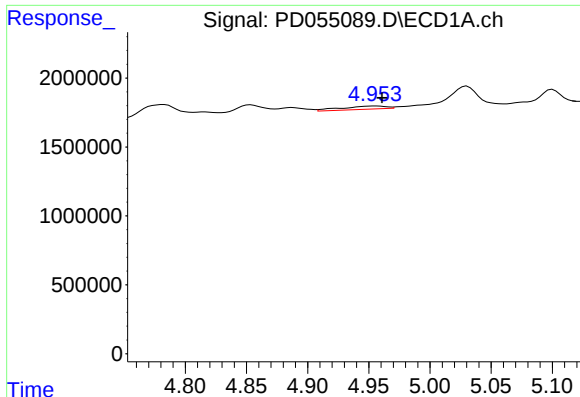
#6 beta-BHC

R.T.: 4.203 min  
Delta R.T.: -0.043 min  
Response: 4056603  
Conc: 8.67 ng/ml



#6 beta-BHC

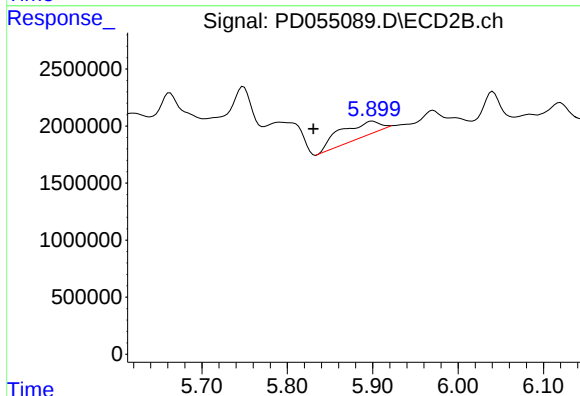
R.T.: 0.000 min  
Exp R.T.: 4.804 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

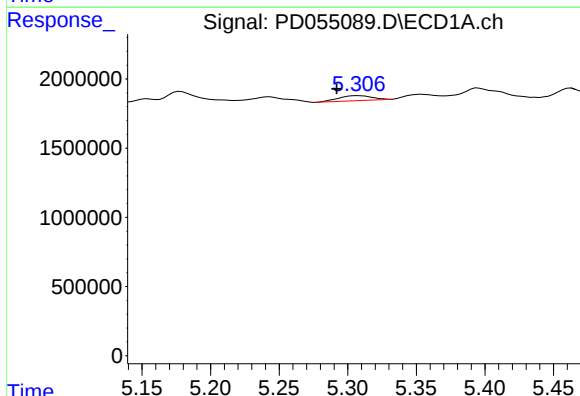
R.T.: 4.955 min  
Delta R.T.: -0.006 min  
Response: 591492  
Conc: 0.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDK6



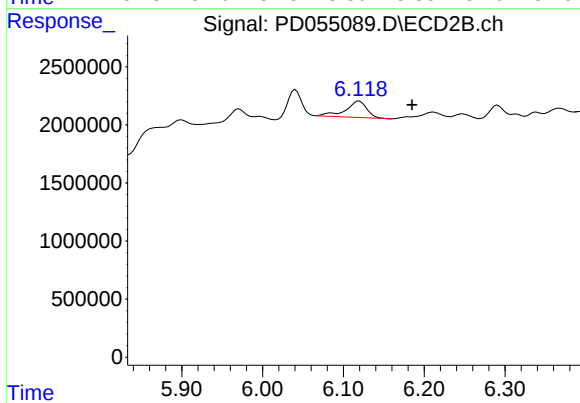
#8 Heptachlor epoxide

R.T.: 5.900 min  
Delta R.T.: 0.069 min  
Response: 4316383  
Conc: 3.28 ng/ml



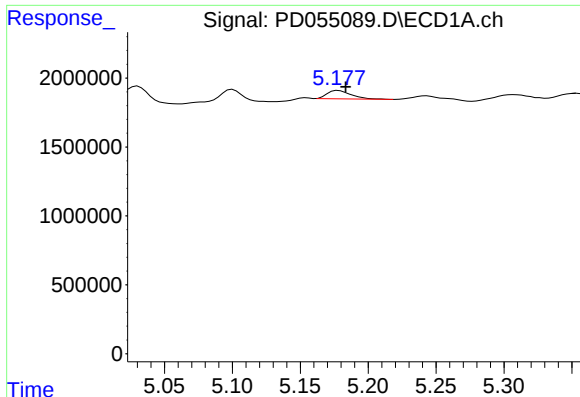
#9 Endosulfan I

R.T.: 5.308 min  
Delta R.T.: 0.016 min  
Response: 610902  
Conc: 0.69 ng/ml



#9 Endosulfan I

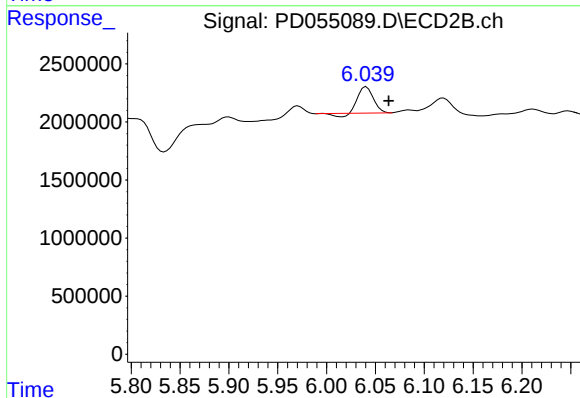
R.T.: 6.120 min  
Delta R.T.: -0.065 min  
Response: 2575108  
Conc: 2.04 ng/ml



#10 trans-Chlordane

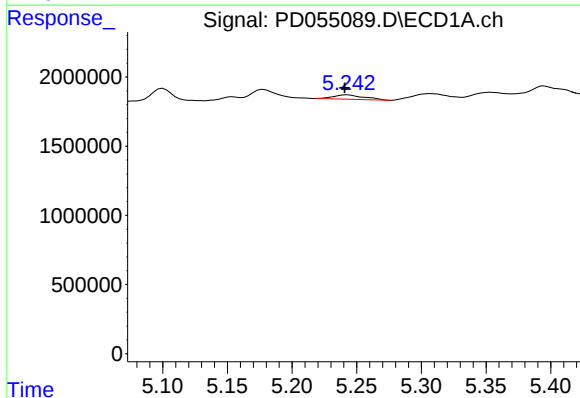
R.T.: 5.178 min  
Delta R.T.: -0.005 min  
Response: 753585  
Conc: 0.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDK6



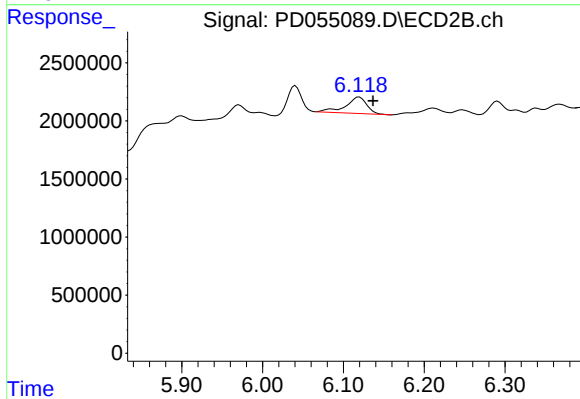
#10 trans-Chlordane

R.T.: 6.041 min  
Delta R.T.: -0.023 min  
Response: 2264482  
Conc: 1.67 ng/ml



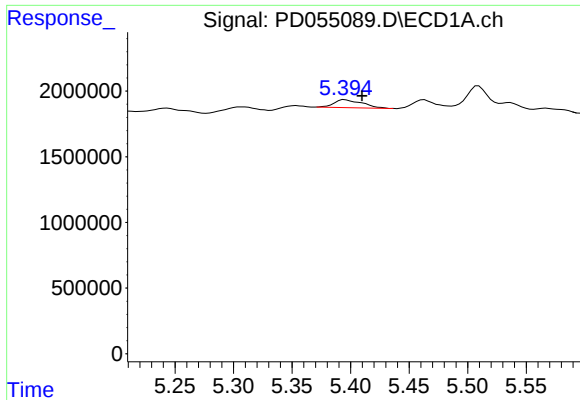
#11 cis-Chlordane

R.T.: 5.243 min  
Delta R.T.: 0.002 min  
Response: 524936  
Conc: 0.57 ng/ml



#11 cis-Chlordane

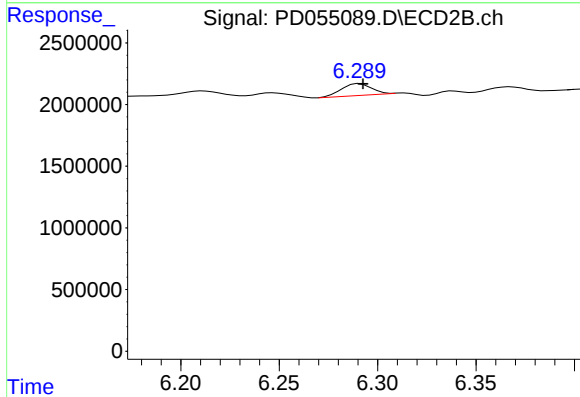
R.T.: 6.120 min  
Delta R.T.: -0.017 min  
Response: 2575108  
Conc: 1.96 ng/ml



#12 4,4'-DDE

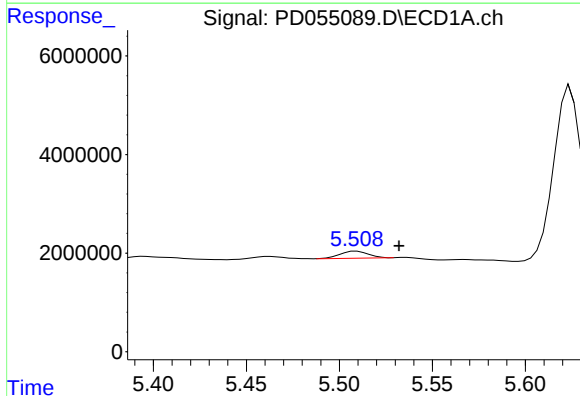
R.T.: 5.395 min  
Delta R.T.: -0.015 min  
Response: 1010458  
Conc: 1.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDK6



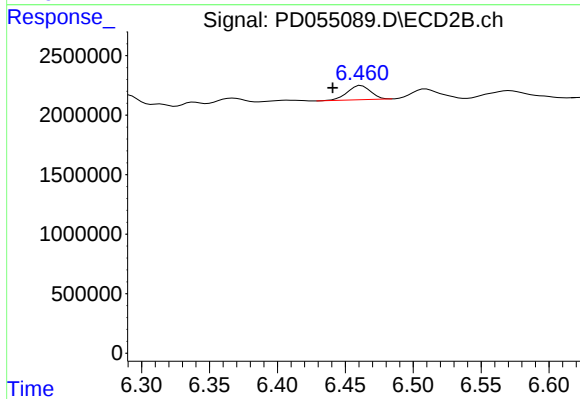
#12 4,4'-DDE

R.T.: 6.291 min  
Delta R.T.: -0.002 min  
Response: 1008326  
Conc: 0.78 ng/ml



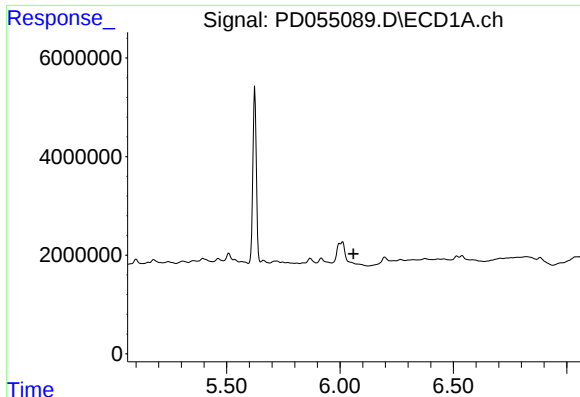
#13 Dieldrin

R.T.: 5.509 min  
Delta R.T.: -0.023 min  
Response: 1513329  
Conc: 1.54 ng/ml



#13 Dieldrin

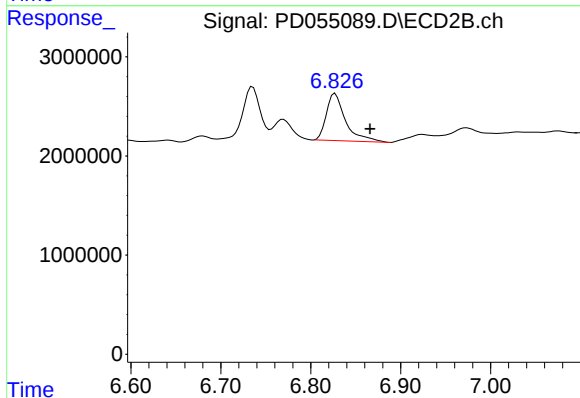
R.T.: 6.462 min  
Delta R.T.: 0.021 min  
Response: 1420064  
Conc: 1.02 ng/ml



#15 Endosulfan II

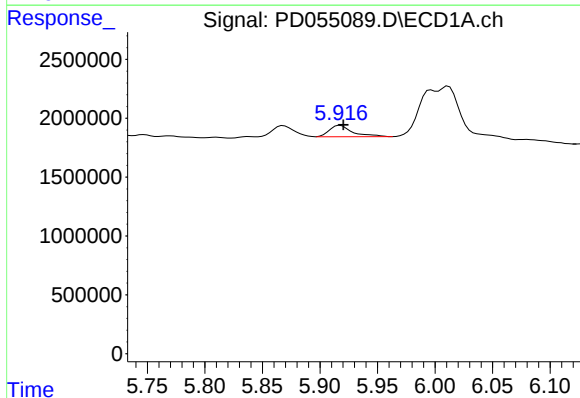
R.T.: 6.011 min  
Delta R.T.: -0.048 min  
Response: -2349318  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFDK6



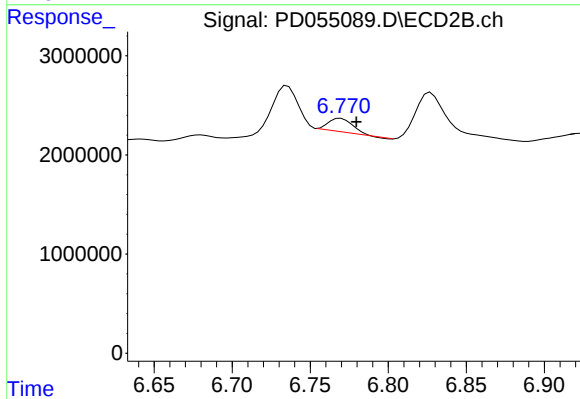
#15 Endosulfan II

R.T.: 6.827 min  
Delta R.T.: -0.039 min  
Response: 7055068  
Conc: 5.55 ng/ml



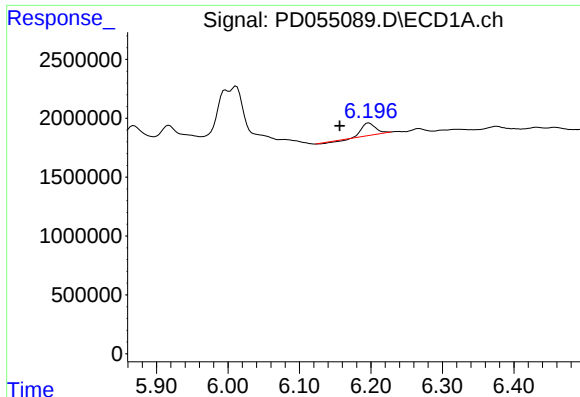
#16 4,4'-DDD

R.T.: 5.918 min  
Delta R.T.: -0.003 min  
Response: 1335161  
Conc: 1.84 ng/ml



#16 4,4'-DDD

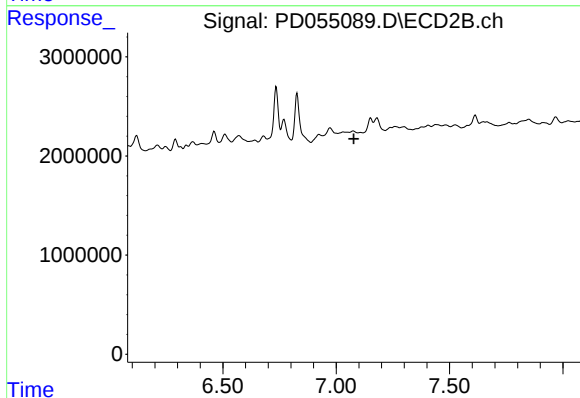
R.T.: 6.770 min  
Delta R.T.: -0.010 min  
Response: 1480543  
Conc: 1.36 ng/ml



#17 4,4'-DDT

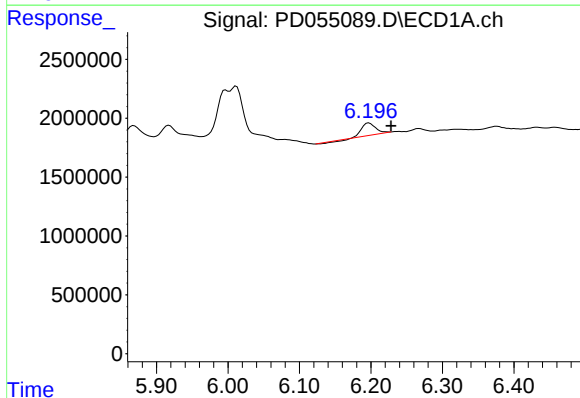
R.T.: 6.197 min  
Delta R.T.: 0.041 min  
Response: 1254524  
Conc: 1.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDK6



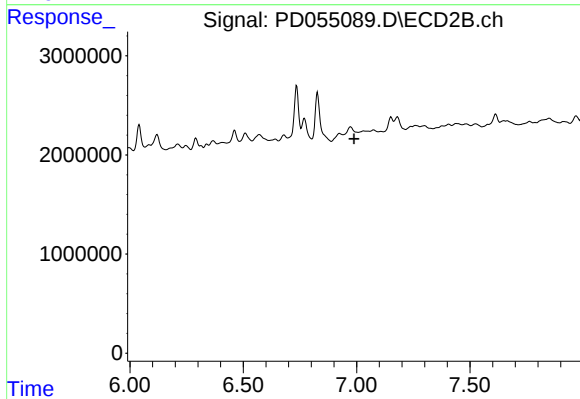
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 7.078 min  
Response: 0  
Conc: N.D.



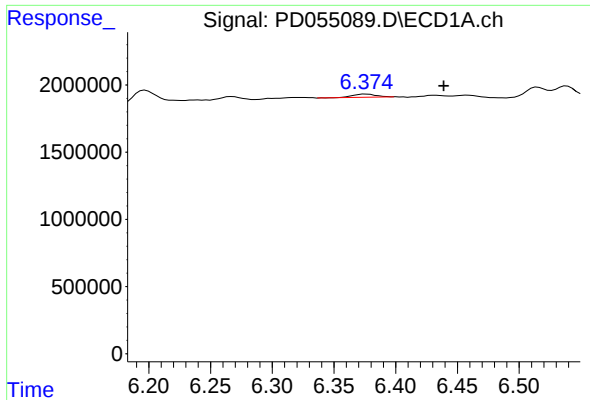
#18 Endrin aldehyde

R.T.: 6.197 min  
Delta R.T.: -0.031 min  
Response: 1254524  
Conc: 1.72 ng/ml



#18 Endrin aldehyde

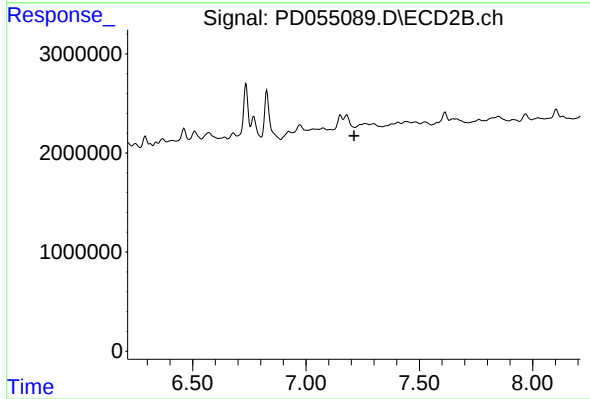
R.T.: 0.000 min  
Exp R.T. : 6.989 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

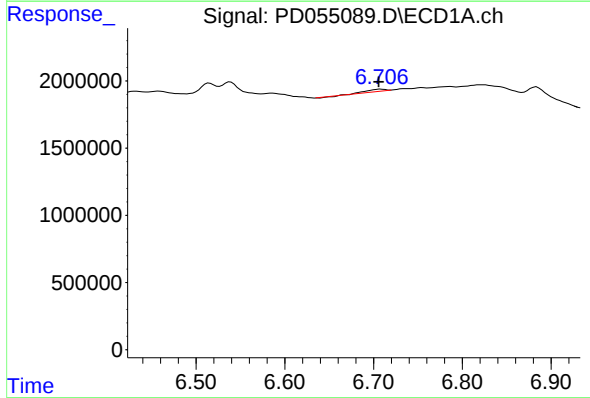
R.T.: 6.376 min  
Delta R.T.: -0.063 min  
Response: 306823  
Conc: 0.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDK6



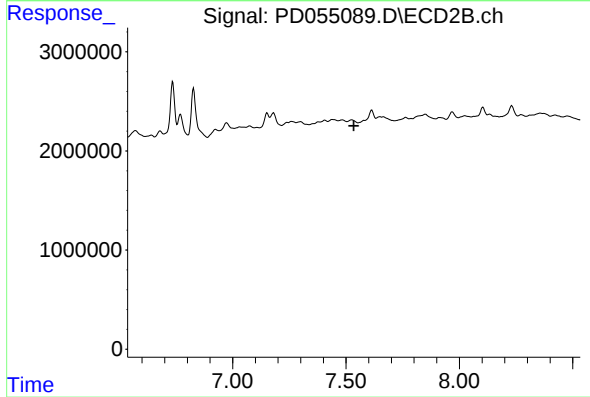
#19 Endosulfan Sulfate

R.T.: 7.152 min  
Delta R.T.: -0.061 min  
Response: -7552  
Conc: N.D.



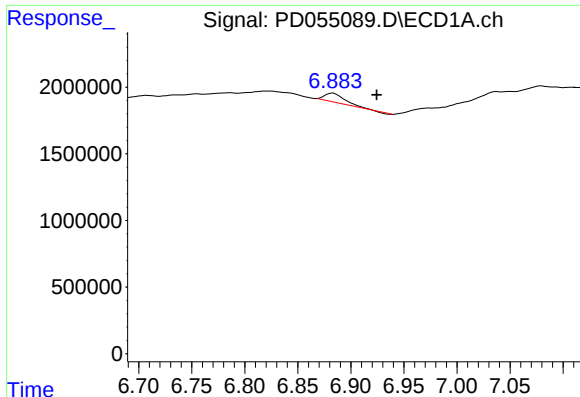
#20 Methoxychlor

R.T.: 6.708 min  
Delta R.T.: 0.002 min  
Response: 203079  
Conc: 0.57 ng/ml



#20 Methoxychlor

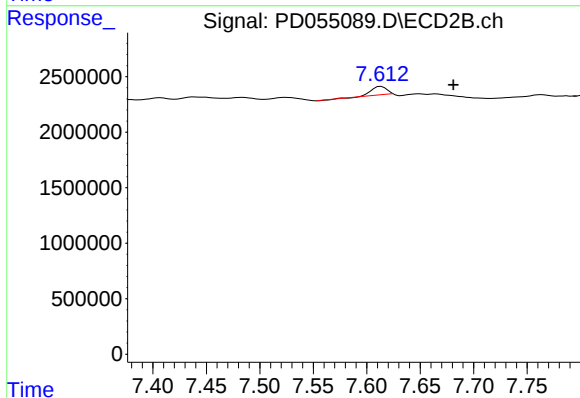
R.T.: 0.000 min  
Exp R.T.: 7.535 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

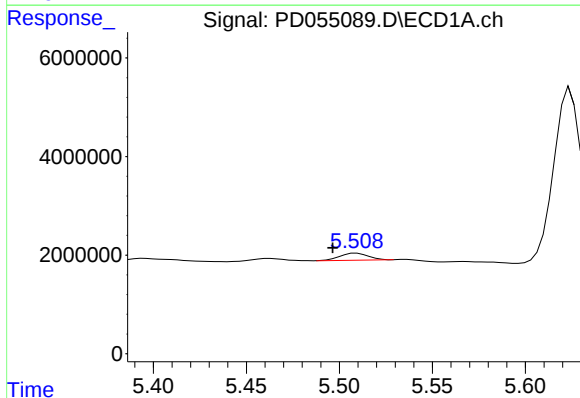
R.T.: 6.884 min  
Delta R.T.: -0.041 min  
Response: 881487  
Conc: 0.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDK6



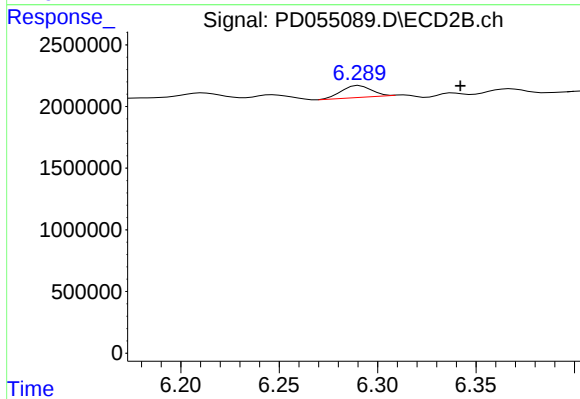
#21 Endrin ketone

R.T.: 7.613 min  
Delta R.T.: -0.068 min  
Response: 805671  
Conc: 0.61 ng/ml



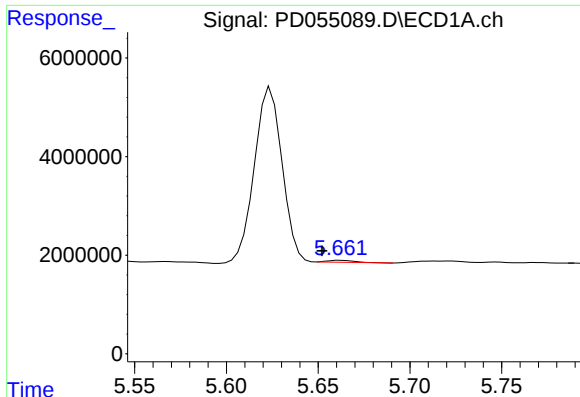
#22 Toxaphene-1

R.T.: 5.509 min  
Delta R.T.: 0.013 min  
Response: 1513329  
Conc: 270.52 ng/ml



#22 Toxaphene-1

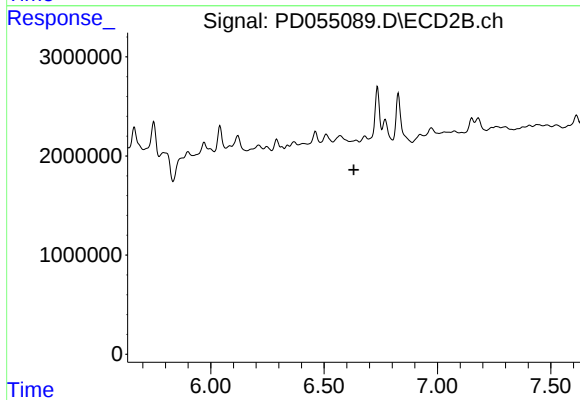
R.T.: 6.291 min  
Delta R.T.: -0.051 min  
Response: 1008326  
Conc: 153.49 ng/ml



#23 Toxaphene-2

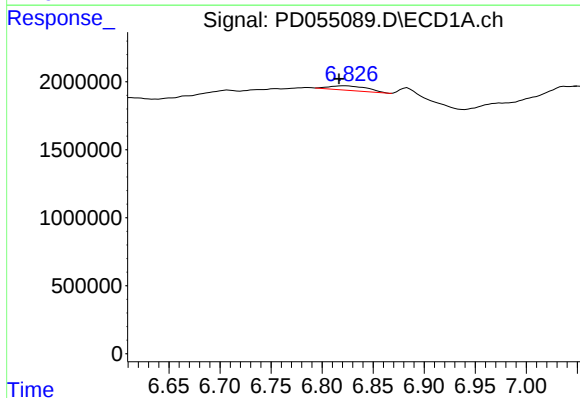
R.T.: 5.662 min  
Delta R.T.: 0.010 min  
Response: 411160  
Conc: 70.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDK6



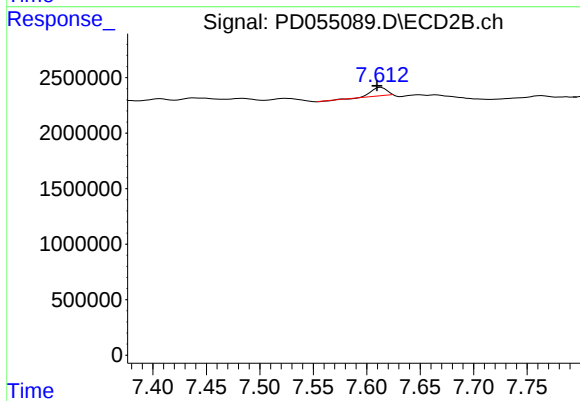
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T. : 6.631 min  
Response: 0  
Conc: N.D.



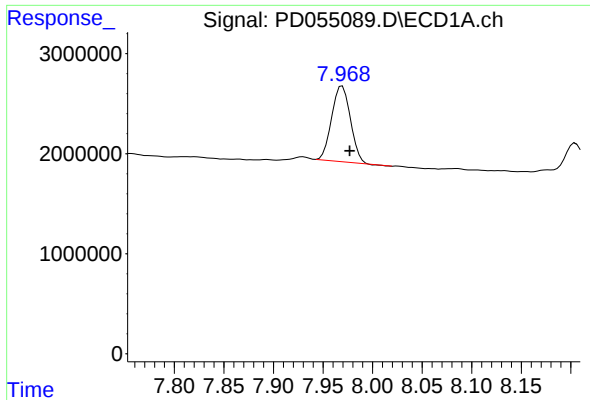
#26 Toxaphene-5

R.T.: 6.823 min  
Delta R.T.: 0.007 min  
Response: 865945  
Conc: 46.81 ng/ml



#26 Toxaphene-5

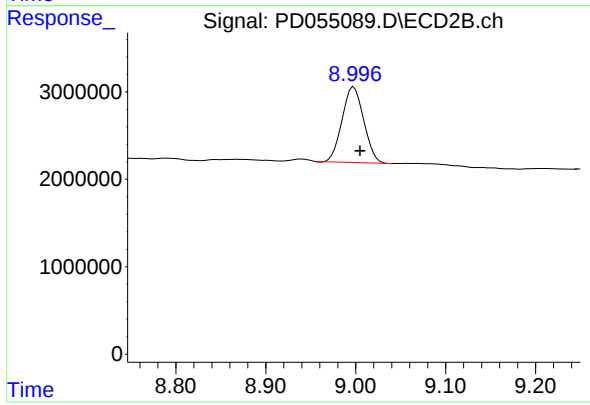
R.T.: 7.613 min  
Delta R.T.: 0.004 min  
Response: 805671  
Conc: 49.07 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.969 min  
Delta R.T.: -0.008 min  
Response: 9880951  
Conc: 11.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDK6



#27 Decachlorobiphenyl

R.T.: 8.998 min  
Delta R.T.: -0.007 min  
Response: 14475665  
Conc: 12.42 ng/ml