

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033120\  
 Data File : PD057673.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Mar 2020 10:06  
 Operator : AJ\MA  
 Sample : PEM49  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM49

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 01 06:38:52 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031120CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 12 06:32:50 2020  
 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

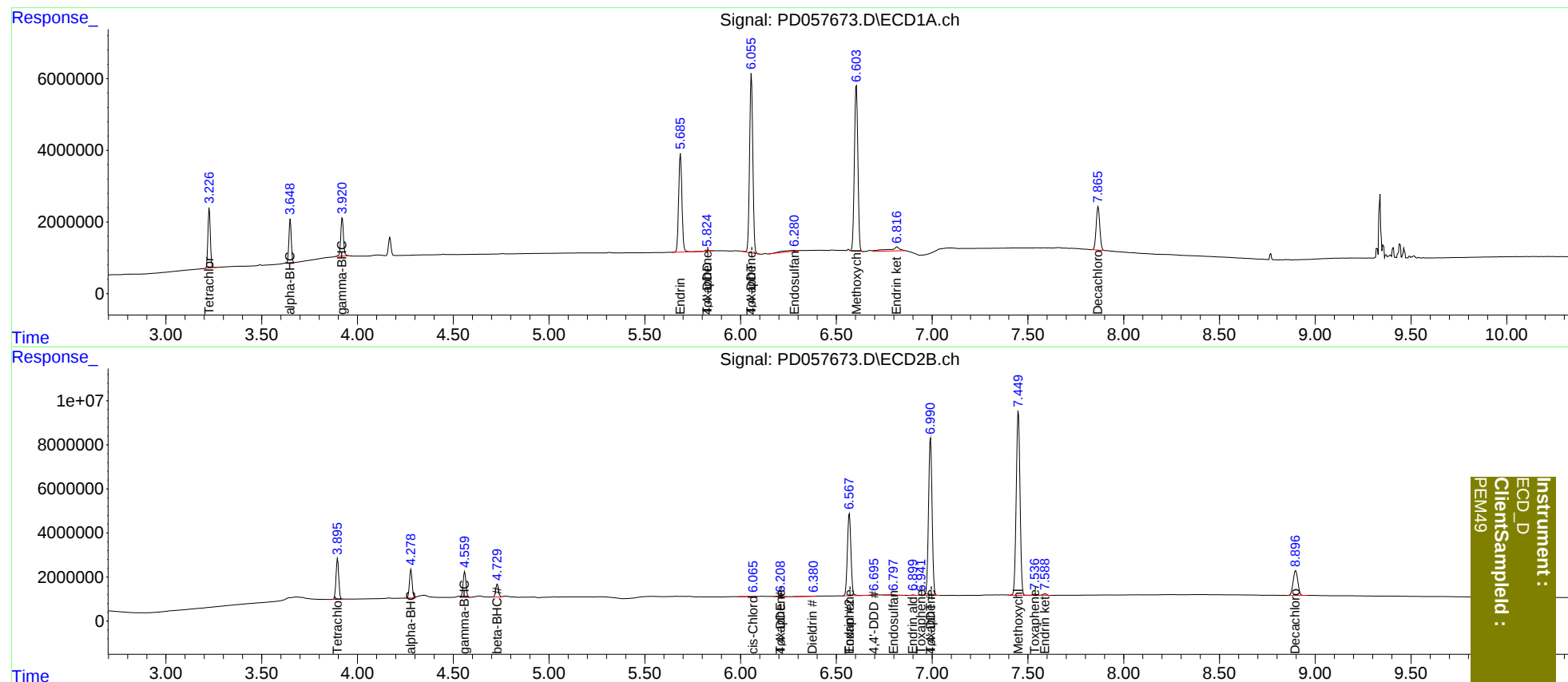
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.227  | 3.896  | 14776560 | 18164488 | 16.183   | 18.305     |
| 27)                         | SA Decachlor... | 7.867  | 8.898  | 15919778 | 19219752 | 16.350   | 18.150     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.650  | 4.280  | 10397688 | 12667172 | 7.868    | 8.989      |
| 3)                          | MA gamma-BHC... | 3.921  | 4.560  | 10503432 | 12182821 | 8.437    | 9.022      |
| 6)                          | B beta-BHC      | 0.000  | 4.730  | 0        | 5994923  | N.D.     | 9.243      |
| 8)                          | B Heptachlo...  | 0.000  | 5.706f | 0        | 50086    | N.D.     | <MDL       |
| 9)                          | A Endosulfan I  | 0.000  | 6.092  | 0        | 86157    | N.D.     | <MDL       |
| 11)                         | B cis-Chlor...  | 0.000  | 6.067  | 0        | 221071   | N.D.     | 0.162      |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.208  | 0        | 129048   | N.D.     | 0.100      |
| 13)                         | MA Dieldrin     | 0.000  | 6.379  | 0        | 275597   | N.D.     | 0.206      |
| 14)                         | MA Endrin       | 5.686  | 6.568  | 32813502 | 47907393 | 43.148   | 44.970     |
| 15)                         | B Endosulfa...  | 0.000  | 6.798  | 0        | 426298   | N.D.     | 0.371      |
| 16)                         | A 4,4'-DDD      | 5.825  | 6.696  | 312976   | 428813   | 0.505    | 0.396      |
| 17)                         | MA 4,4'-DDT     | 6.057  | 6.992  | 58525846 | 92136390 | 87.882   | 93.983     |
| 18)                         | B Endrin al...  | 0.000  | 6.900  | 0        | 212943   | N.D.     | 0.214      |
| 19)                         | B Endosulfa...  | 6.281f | 0.000  | 1776541  | 0        | 1.941    | N.D. #     |
| 20)                         | A Methoxychlor  | 6.605  | 7.450  | 58332335 | 114.9E6  | 238.234  | 233.589    |
| 21)                         | B Endrin ke...  | 6.817  | 7.590  | 4228506  | 934746   | 4.968    | 0.772 #    |
| 22)                         | Toxaphene-1     | 0.000  | 6.208  | 0        | 129048   | N.D.     | 20.502     |
| 23)                         | Toxaphene-2     | 0.000  | 6.568  | 0        | 47907393 | N.D.     | 5772.072   |
| 24)                         | Toxaphene-3     | 5.825  | 6.943  | 312976   | 127768   | 88.231   | 12.529 #   |
| 25)                         | Toxaphene-4     | 6.057  | 6.992  | 58525846 | 92136390 | 4386.234 | 3166.209 # |
| 26)                         | Toxaphene-5     | 0.000  | 7.537  | 0        | 746656   | N.D.     | 54.081     |
| -----                       |                 |        |        |          |          |          |            |

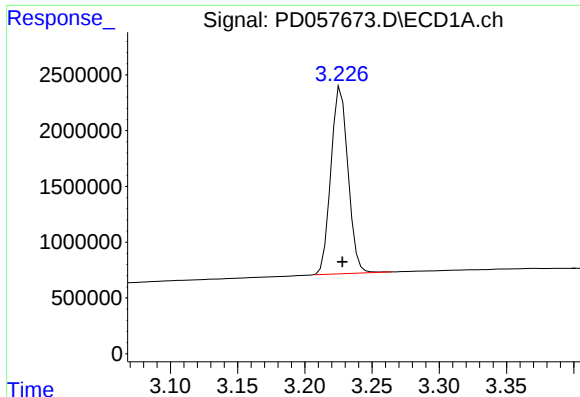
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033120\  
Data File : PD057673.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Mar 2020 10:06  
Operator : AJ\MA  
Sample : PEM49  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 01 06:38:52 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031120CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 12 06:32:50 2020  
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

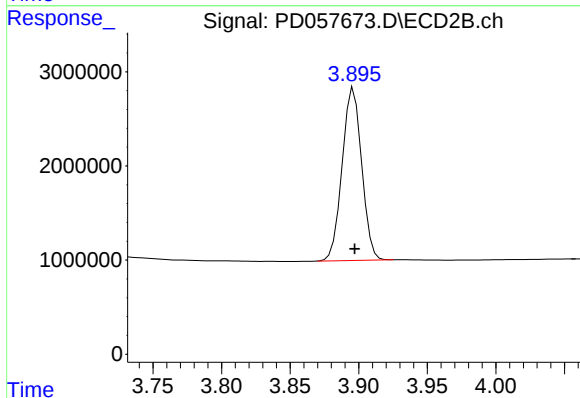




#1 Tetrachloro-m-xylene

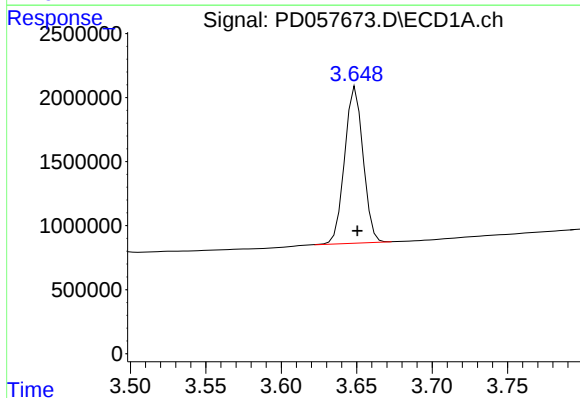
R.T.: 3.227 min  
Delta R.T.: -0.001 min  
Response: 14776560  
Conc: 16.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM49



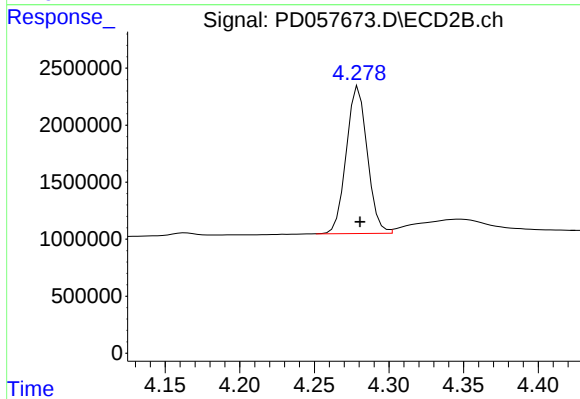
#1 Tetrachloro-m-xylene

R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 18164488  
Conc: 18.30 ng/ml



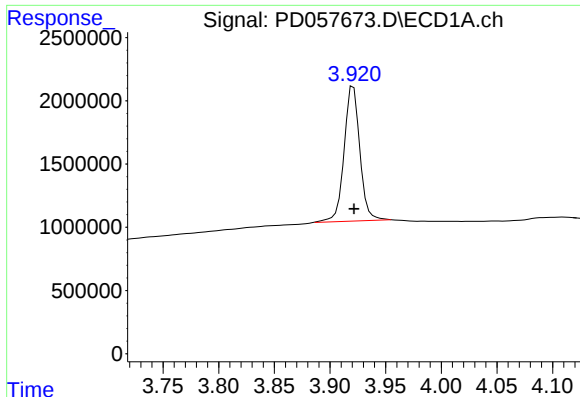
#2 alpha-BHC

R.T.: 3.650 min  
Delta R.T.: 0.000 min  
Response: 10397688  
Conc: 7.87 ng/ml



#2 alpha-BHC

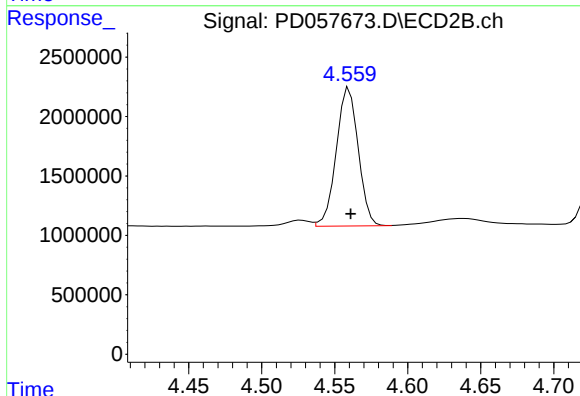
R.T.: 4.280 min  
Delta R.T.: 0.000 min  
Response: 12667172  
Conc: 8.99 ng/ml



#3 gamma-BHC (Lindane)

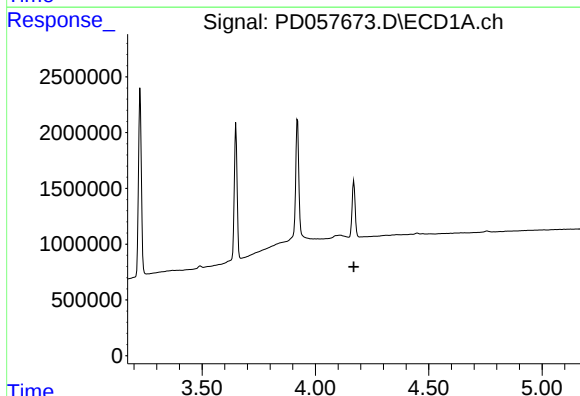
R.T.: 3.921 min  
Delta R.T.: 0.000 min  
Response: 10503432  
Conc: 8.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM49



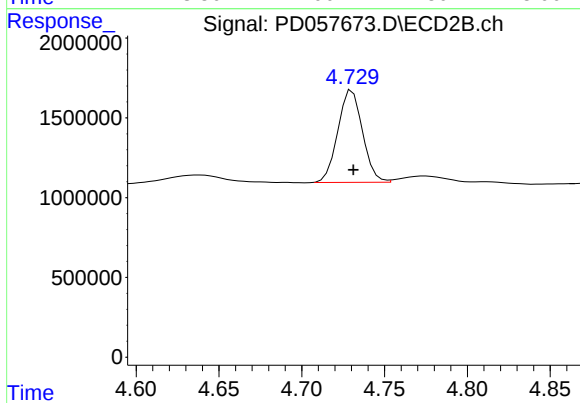
#3 gamma-BHC (Lindane)

R.T.: 4.560 min  
Delta R.T.: 0.000 min  
Response: 12182821  
Conc: 9.02 ng/ml



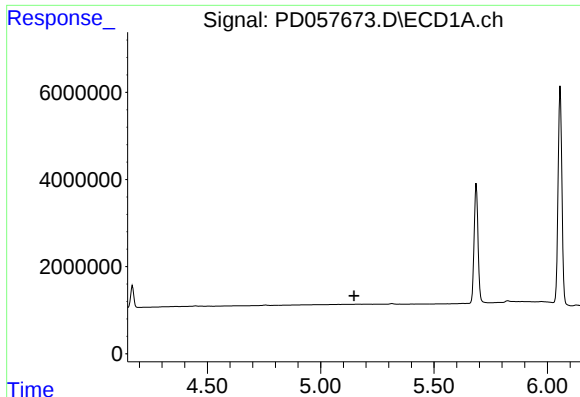
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.170 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

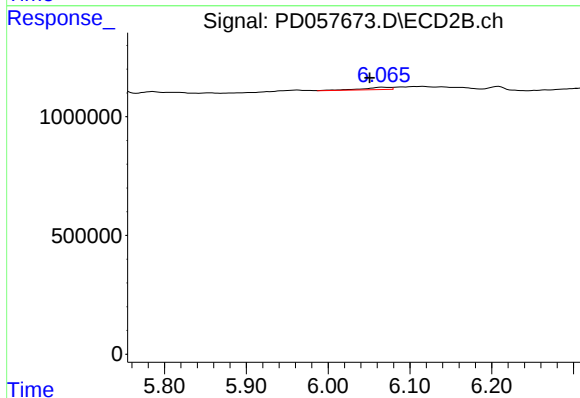
R.T.: 4.730 min  
Delta R.T.: 0.000 min  
Response: 5994923  
Conc: 9.24 ng/ml



#11 cis-Chlordane

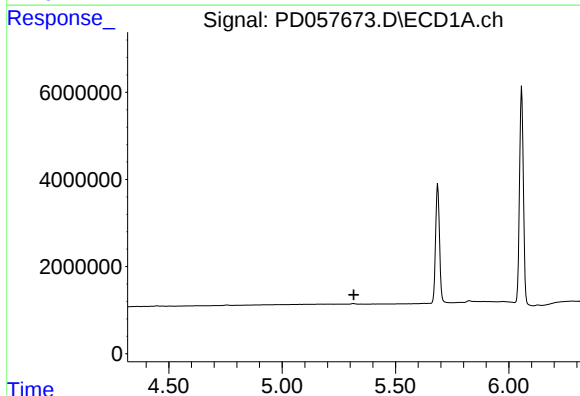
R.T.: 0.000 min  
Exp R.T.: 5.147 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM49



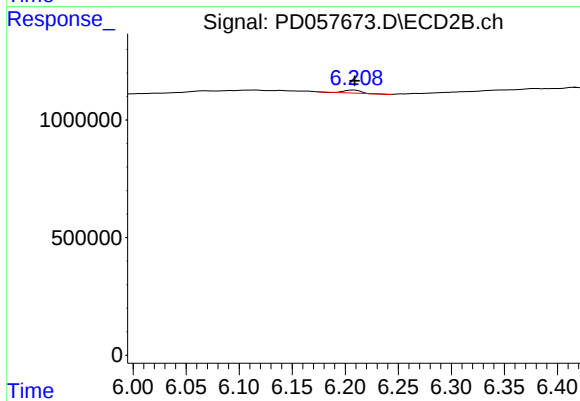
#11 cis-Chlordane

R.T.: 6.067 min  
Delta R.T.: 0.016 min  
Response: 221071  
Conc: 0.16 ng/ml



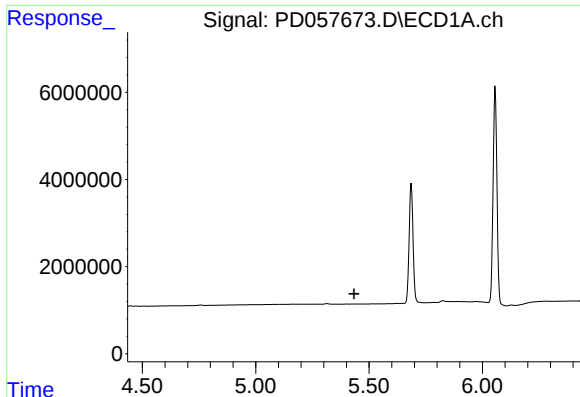
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 5.316 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

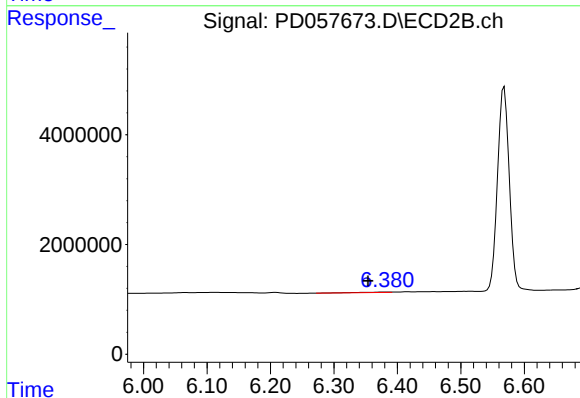
R.T.: 6.208 min  
Delta R.T.: 0.000 min  
Response: 129048  
Conc: 0.10 ng/ml



#13 Dieldrin

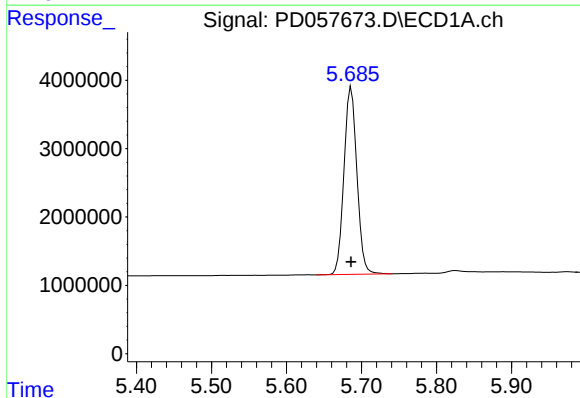
R.T.: 0.000 min  
Exp R.T.: 5.435 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM49



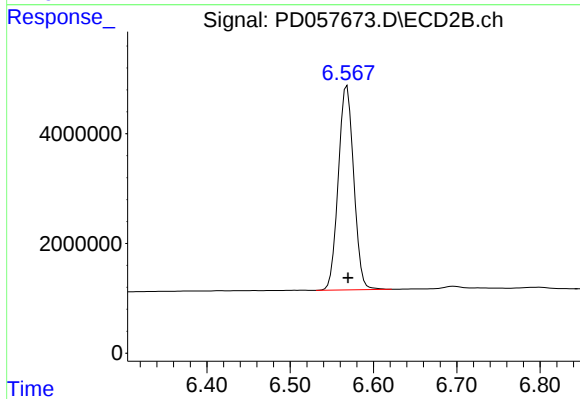
#13 Dieldrin

R.T.: 6.379 min  
Delta R.T.: 0.025 min  
Response: 275597  
Conc: 0.21 ng/ml



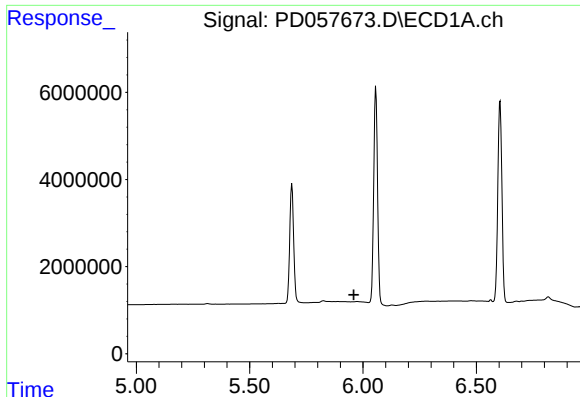
#14 Endrin

R.T.: 5.686 min  
Delta R.T.: 0.000 min  
Response: 32813502  
Conc: 43.15 ng/ml



#14 Endrin

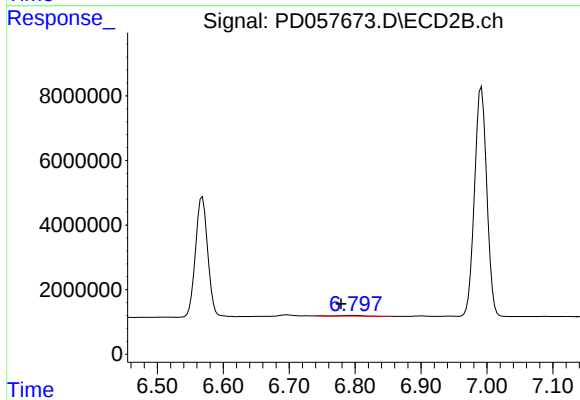
R.T.: 6.568 min  
Delta R.T.: -0.001 min  
Response: 47907393  
Conc: 44.97 ng/ml



#15 Endosulfan II

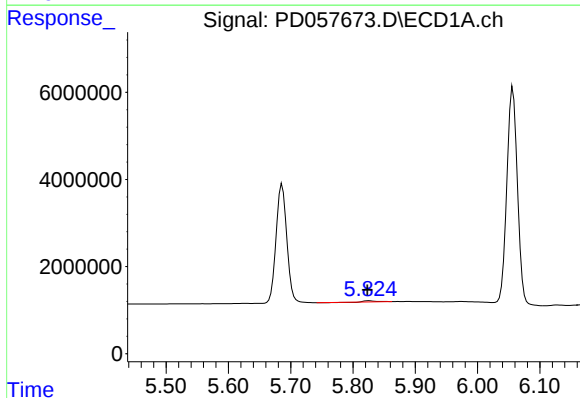
R.T.: 0.000 min  
Exp R.T.: 5.960 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM49



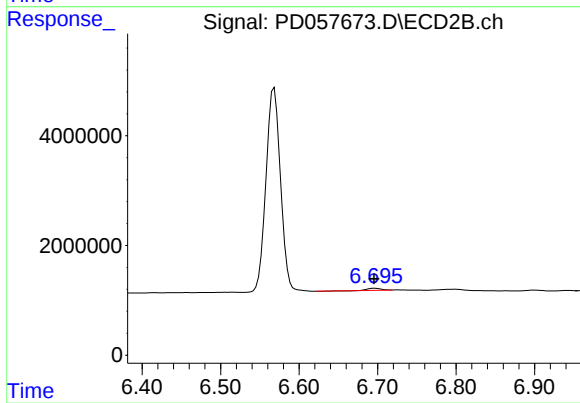
#15 Endosulfan II

R.T.: 6.798 min  
Delta R.T.: 0.019 min  
Response: 426298  
Conc: 0.37 ng/ml



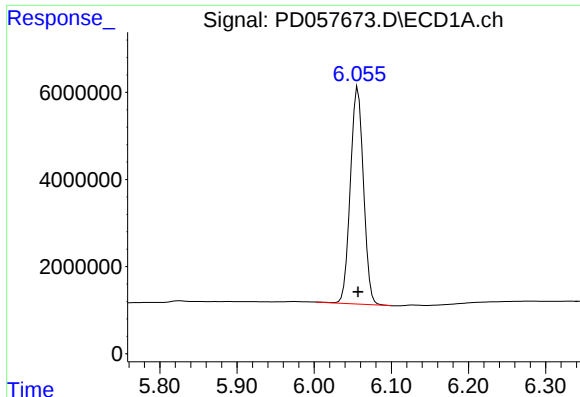
#16 4,4'-DDD

R.T.: 5.825 min  
Delta R.T.: 0.002 min  
Response: 312976  
Conc: 0.51 ng/ml



#16 4,4'-DDD

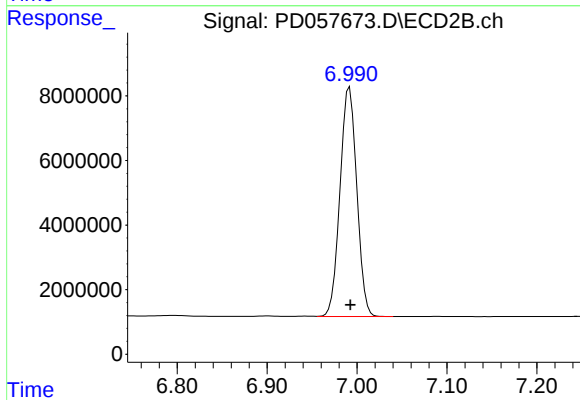
R.T.: 6.696 min  
Delta R.T.: 0.000 min  
Response: 428813  
Conc: 0.40 ng/ml



#17 4,4'-DDT

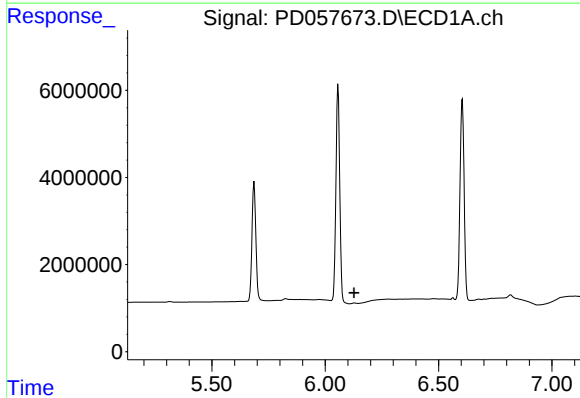
R.T.: 6.057 min  
Delta R.T.: 0.000 min  
Response: 58525846  
Conc: 87.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM49



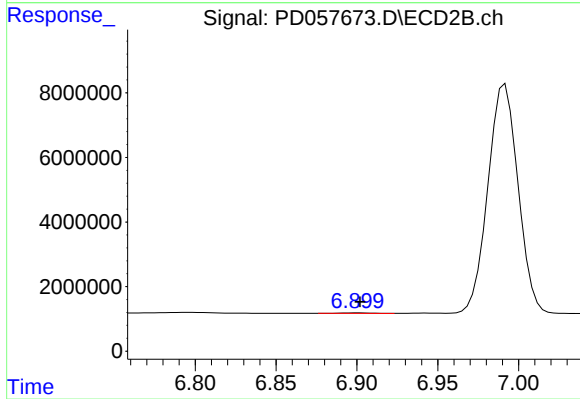
#17 4,4'-DDT

R.T.: 6.992 min  
Delta R.T.: 0.000 min  
Response: 92136390  
Conc: 93.98 ng/ml



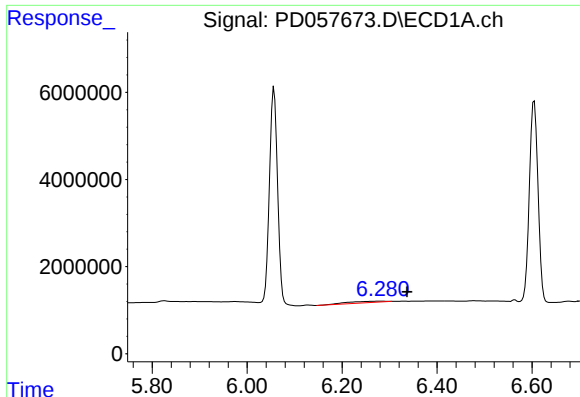
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.127 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

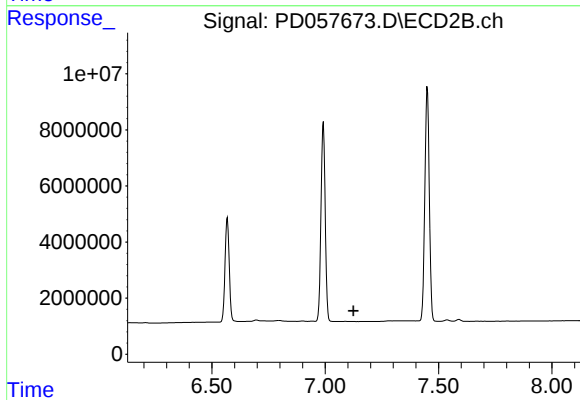
R.T.: 6.900 min  
Delta R.T.: -0.002 min  
Response: 212943  
Conc: 0.21 ng/ml



#19 Endosulfan Sulfate

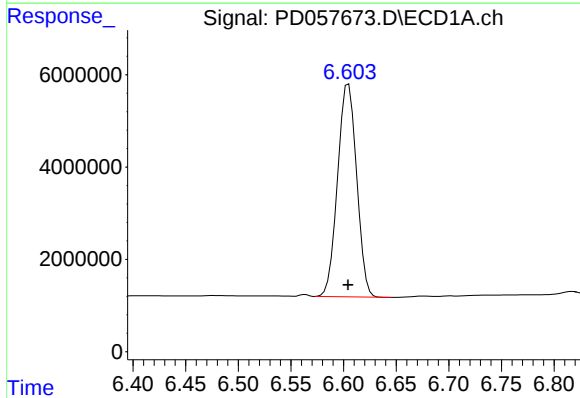
R.T.: 6.281 min  
Delta R.T.: -0.056 min  
Response: 1776541  
Conc: 1.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM49



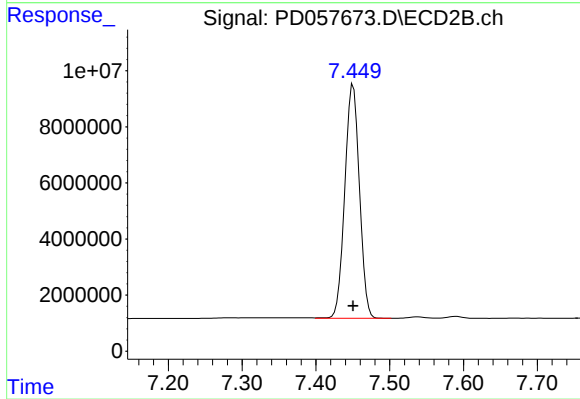
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.125 min  
Response: 0  
Conc: N.D.



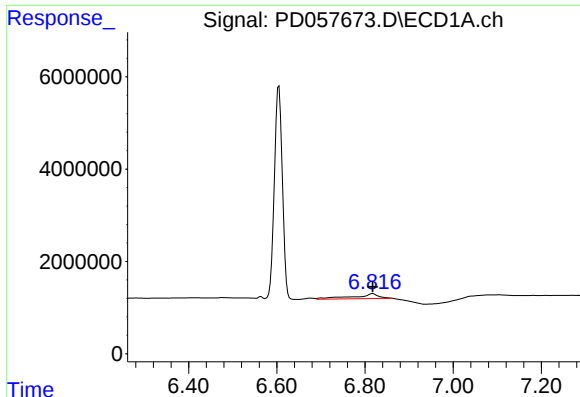
#20 Methoxychlor

R.T.: 6.605 min  
Delta R.T.: 0.000 min  
Response: 58332335  
Conc: 238.23 ng/ml



#20 Methoxychlor

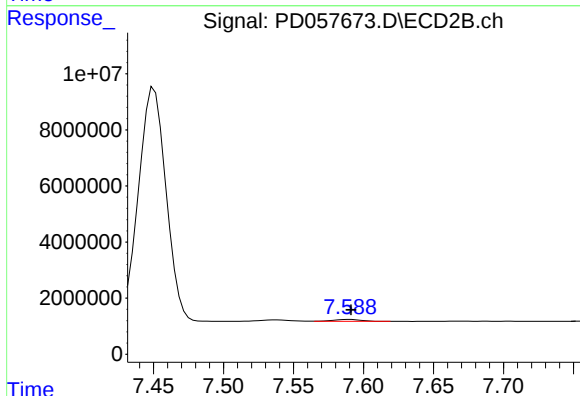
R.T.: 7.450 min  
Delta R.T.: 0.000 min  
Response: 114942819  
Conc: 233.59 ng/ml



#21 Endrin ketone

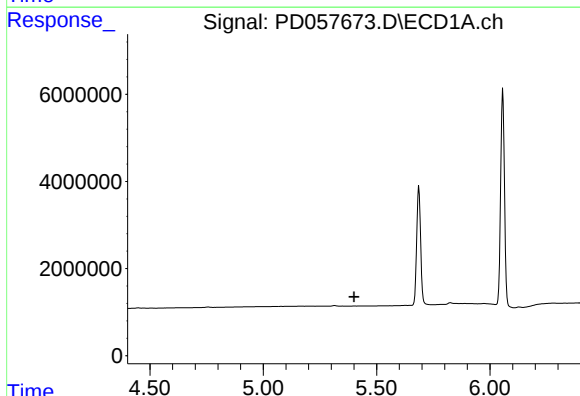
R.T.: 6.817 min  
Delta R.T.: 0.000 min  
Response: 4228506  
Conc: 4.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM49



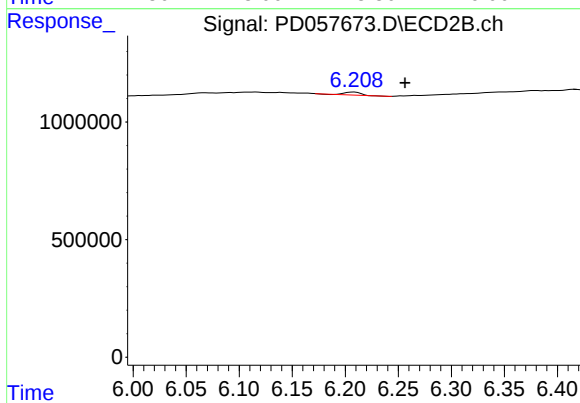
#21 Endrin ketone

R.T.: 7.590 min  
Delta R.T.: -0.001 min  
Response: 934746  
Conc: 0.77 ng/ml



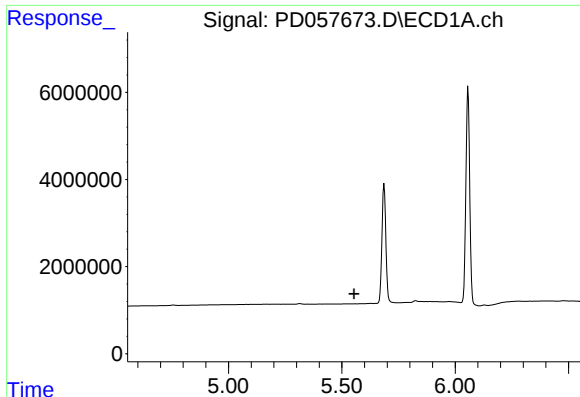
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.401 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

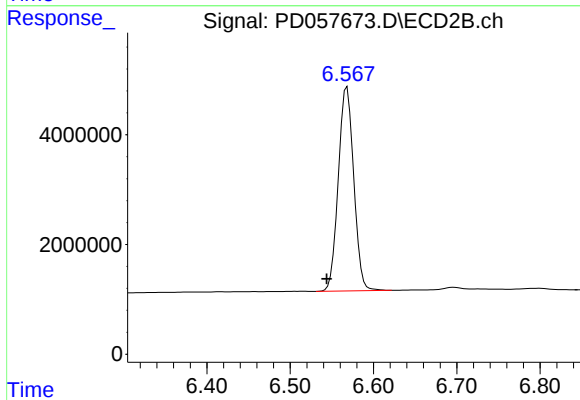
R.T.: 6.208 min  
Delta R.T.: -0.048 min  
Response: 129048  
Conc: 20.50 ng/ml



#23 Toxaphene-2

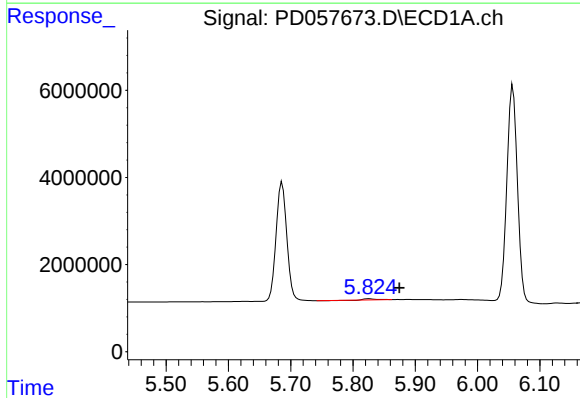
R.T.: 0.000 min  
Exp R.T.: 5.554 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM49



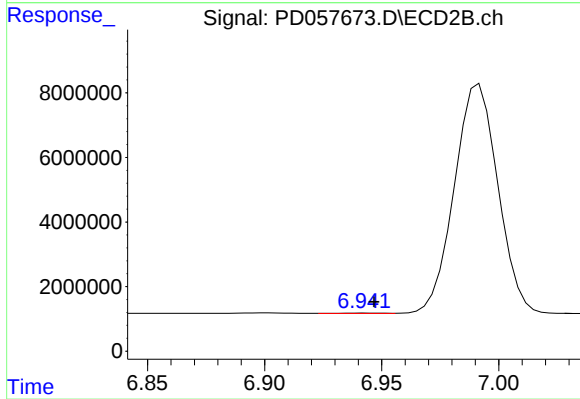
#23 Toxaphene-2

R.T.: 6.568 min  
Delta R.T.: 0.024 min  
Response: 47907393  
Conc: 5772.07 ng/ml



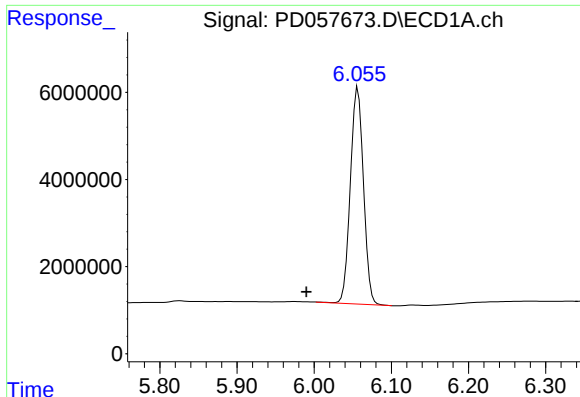
#24 Toxaphene-3

R.T.: 5.825 min  
Delta R.T.: -0.049 min  
Response: 312976  
Conc: 88.23 ng/ml



#24 Toxaphene-3

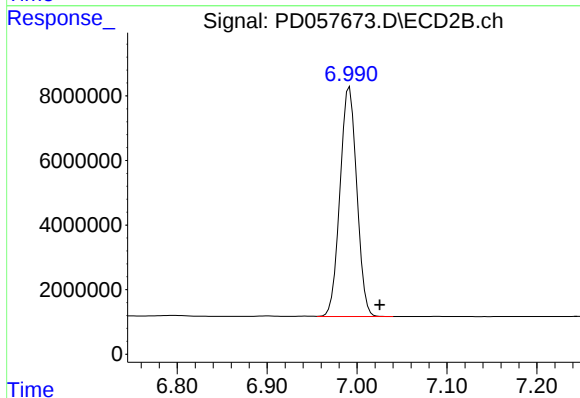
R.T.: 6.943 min  
Delta R.T.: -0.004 min  
Response: 127768  
Conc: 12.53 ng/ml



#25 Toxaphene-4

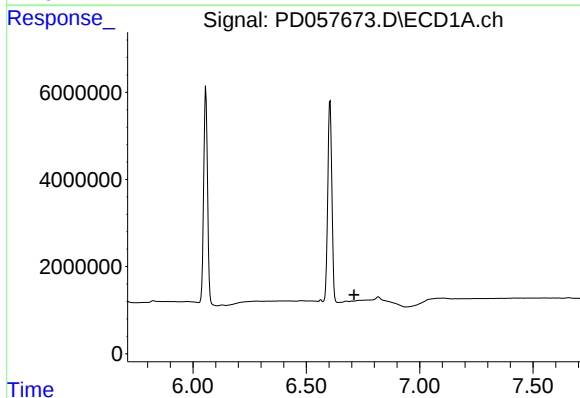
R.T.: 6.057 min  
Delta R.T.: 0.067 min  
Response: 58525846  
Conc: 4386.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM49



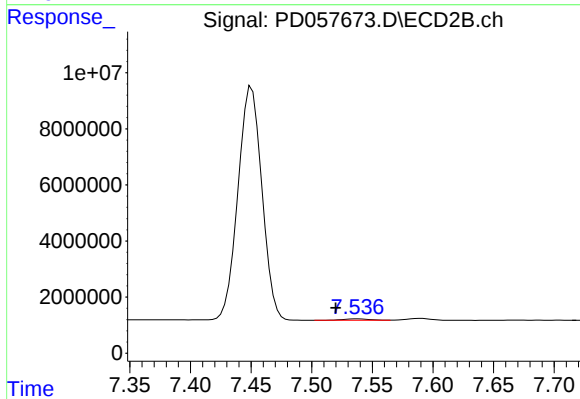
#25 Toxaphene-4

R.T.: 6.992 min  
Delta R.T.: -0.033 min  
Response: 92136390  
Conc: 3166.21 ng/ml



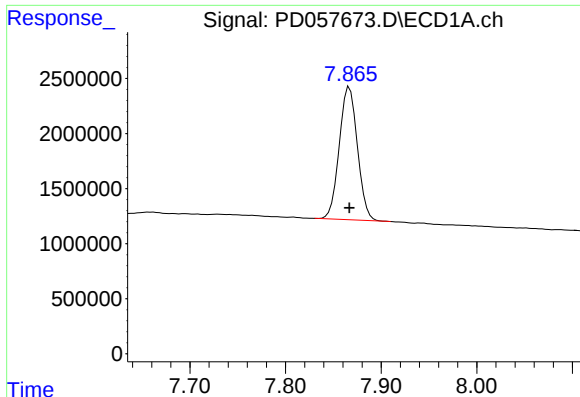
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 6.711 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

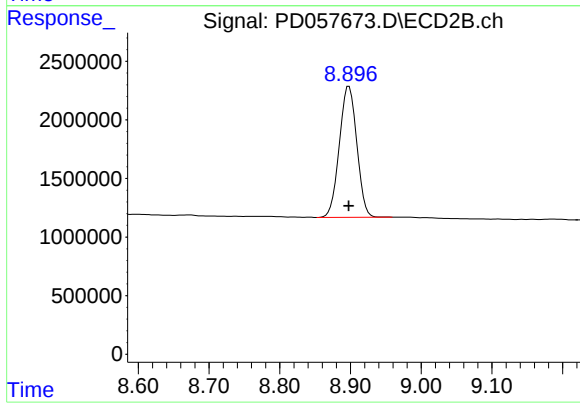
R.T.: 7.537 min  
Delta R.T.: 0.017 min  
Response: 746656  
Conc: 54.08 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.867 min  
Delta R.T.: 0.000 min  
Response: 15919778  
Conc: 16.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM49



#27 Decachlorobiphenyl

R.T.: 8.898 min  
Delta R.T.: 0.000 min  
Response: 19219752  
Conc: 18.15 ng/ml