

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081120\  
 Data File : PD058897.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Aug 2020 11:25  
 Operator : DD\AJ  
 Sample : PEM37  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM37

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 12 05:26:23 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD080620CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 06 11:29:05 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... | 3.211  | 3.866  | 18104951 | 27917820 | 18.721  | 19.277     |
| 27)                         | SA Decachlor... | 7.847  | 8.863  | 18165249 | 23239955 | 17.246  | 16.946     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.633  | 4.249  | 13629748 | 19960562 | 9.693   | 9.617      |
| 3)                          | MA gamma-BHC... | 3.904  | 4.529  | 12336959 | 18370149 | 8.877   | 9.665      |
| 4)                          | MA Heptachlor   | 4.154  | 0.000  | 5277632  | 0        | 4.415   | N.D. #     |
| 6)                          | B beta-BHC      | 4.154  | 4.702  | 5277632  | 8920415  | 8.962   | 10.256     |
| 8)                          | B Heptachlo...  | 0.000  | 5.712  | 0        | 6209513  | N.D.    | 3.729      |
| 10)                         | B trans-Chl...  | 0.000  | 5.904f | 0        | 1368337  | N.D.    | 0.821      |
| 14)                         | MA Endrin       | 5.667  | 6.537  | 44071494 | 69792377 | 44.364  | 51.446     |
| 15)                         | B Endosulfa...  | 0.000  | 6.771  | 0        | 5957344  | N.D.    | 4.234      |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.666  | 0        | 6061982  | N.D.    | 4.624      |
| 17)                         | MA 4,4'-DDT     | 6.038  | 6.963  | 82030846 | 123.7E6  | 91.215  | 93.714     |
| 18)                         | B Endrin al...  | 6.038f | 0.000  | 82030846 | 0        | 95.905  | N.D. #     |
| 20)                         | A Methoxychlor  | 6.586  | 7.423  | 93788255 | 186.4E6  | 207.804 | 269.839 #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.559  | 0        | 1558687  | N.D.    | 1.072      |
| 23)                         | Toxaphene-2     | 5.508  | 6.537  | 1939053  | 69792377 | 267.989 | 6624.554 # |
| 24)                         | Toxaphene-3     | 0.000  | 6.963  | 0        | 123.7E6  | N.D.    | 9303.089   |
| 25)                         | Toxaphene-4     | 0.000  | 6.963  | 0        | 123.7E6  | N.D.    | 3221.558   |
| 26)                         | Toxaphene-5     | 0.000  | 7.510  | 0        | 1085924  | N.D.    | 60.916     |
| -----                       |                 |        |        |          |          |         |            |

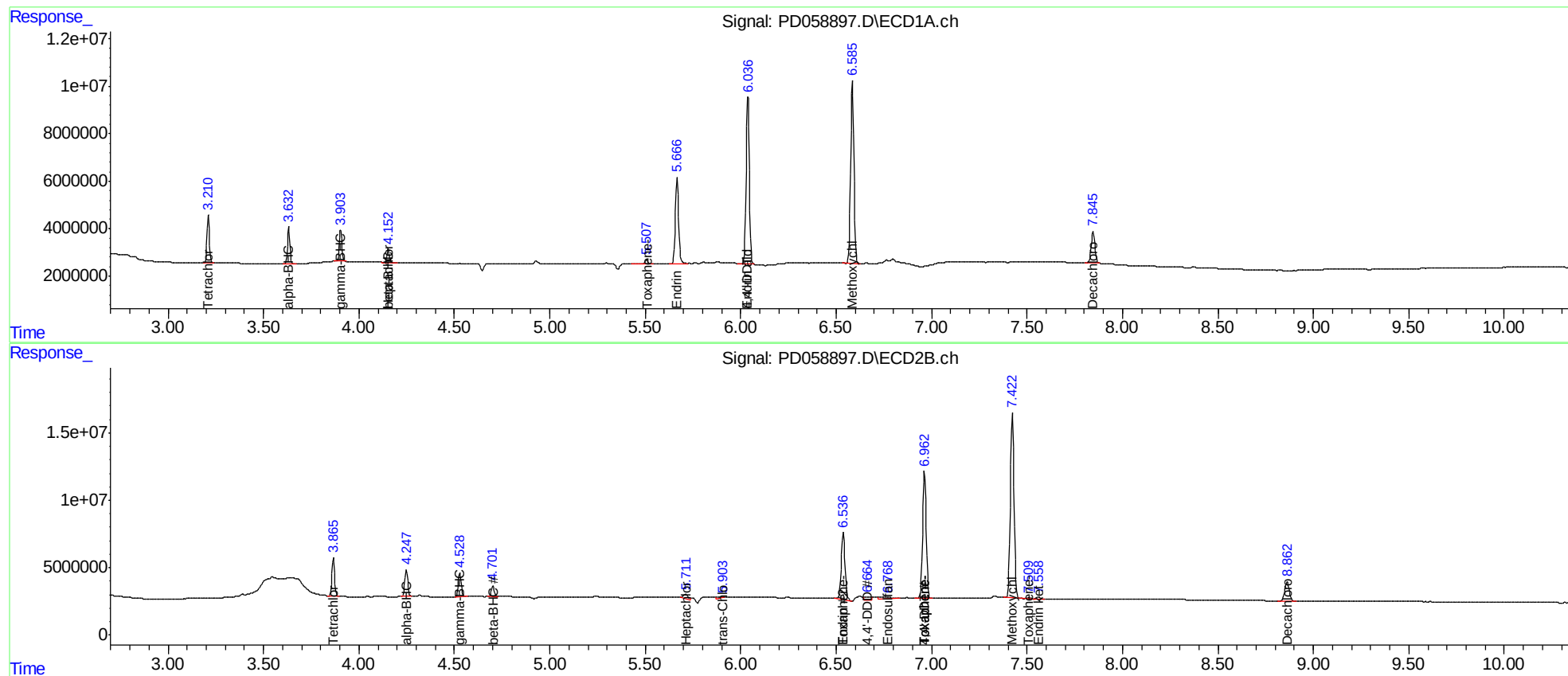
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

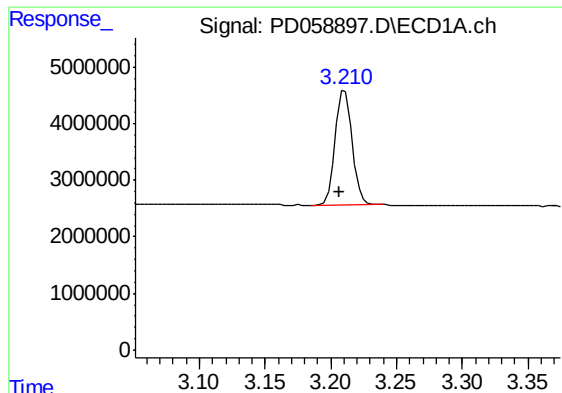
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081120\  
Data File : PD058897.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Aug 2020 11:25  
Operator : DD\AJ  
Sample : PEM37  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PEM37

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 12 05:26:23 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD080620CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 06 11:29:05 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

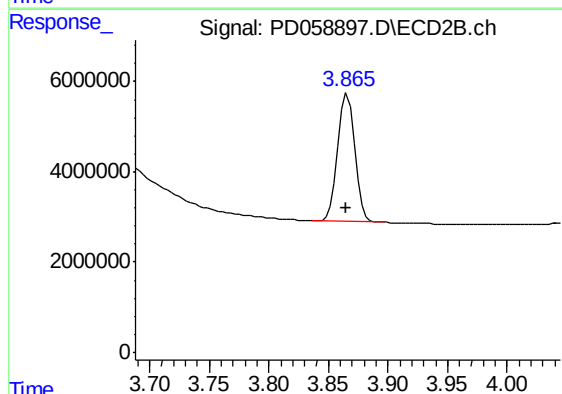




#1 Tetrachloro-m-xylene

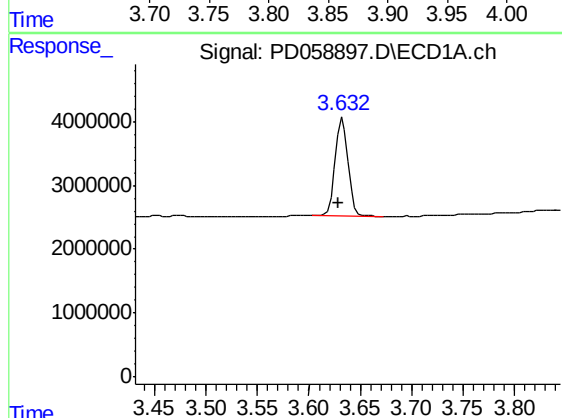
R.T.: 3.211 min  
Delta R.T.: 0.004 min  
Response: 18104951  
Conc: 18.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM37



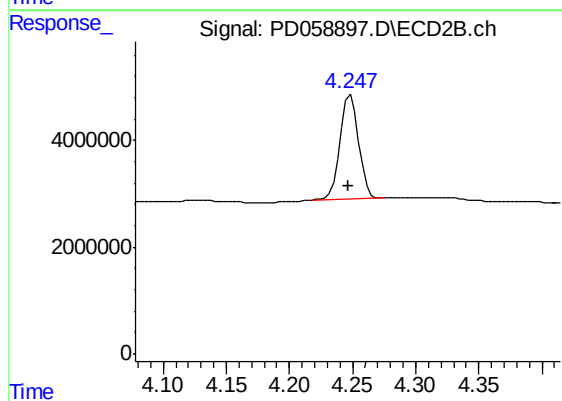
#1 Tetrachloro-m-xylene

R.T.: 3.866 min  
Delta R.T.: 0.001 min  
Response: 27917820  
Conc: 19.28 ng/ml



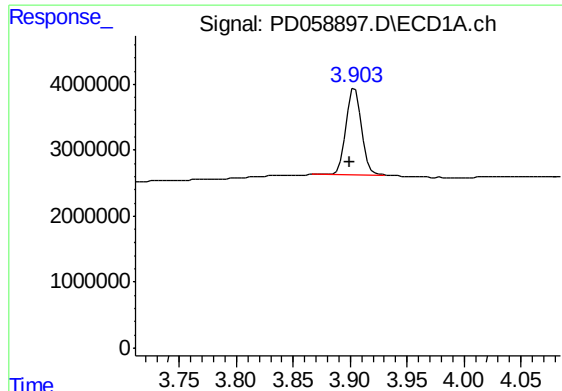
#2 alpha-BHC

R.T.: 3.633 min  
Delta R.T.: 0.005 min  
Response: 13629748  
Conc: 9.69 ng/ml



#2 alpha-BHC

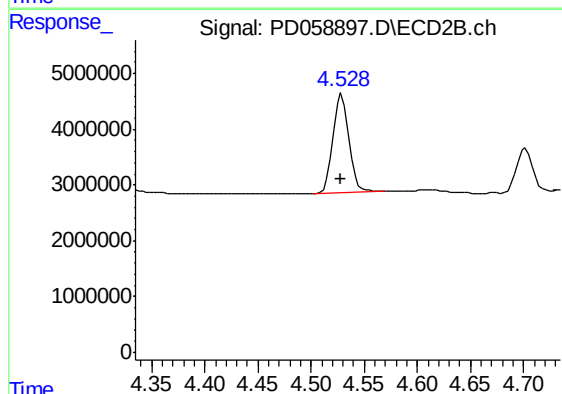
R.T.: 4.249 min  
Delta R.T.: 0.001 min  
Response: 19960562  
Conc: 9.62 ng/ml



#3 gamma-BHC (Lindane)

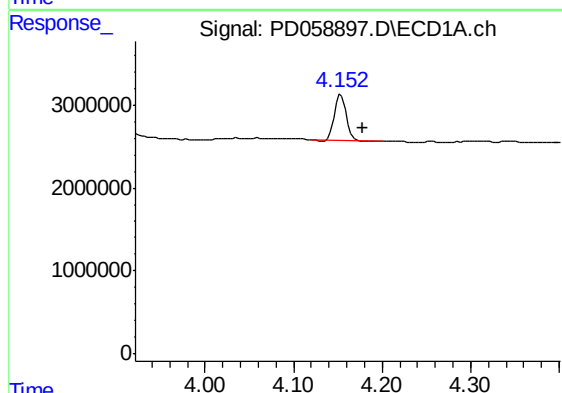
R.T.: 3.904 min  
Delta R.T.: 0.005 min  
Response: 12336959  
Conc: 8.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM37



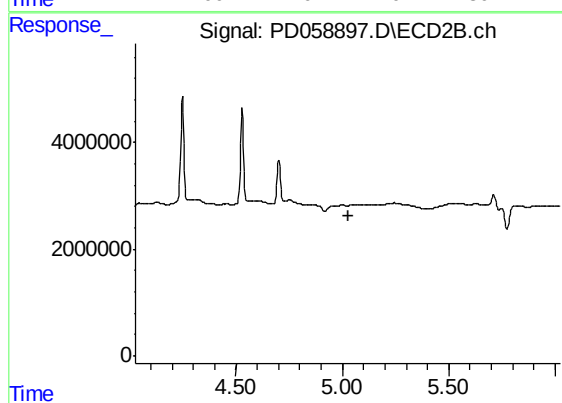
#3 gamma-BHC (Lindane)

R.T.: 4.529 min  
Delta R.T.: 0.002 min  
Response: 18370149  
Conc: 9.66 ng/ml



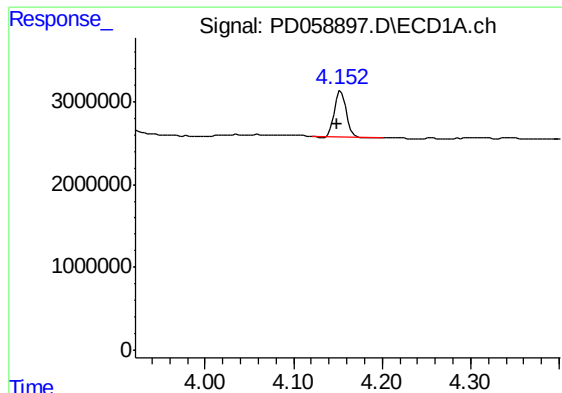
#4 Heptachlor

R.T.: 4.154 min  
Delta R.T.: -0.024 min  
Response: 5277632  
Conc: 4.42 ng/ml



#4 Heptachlor

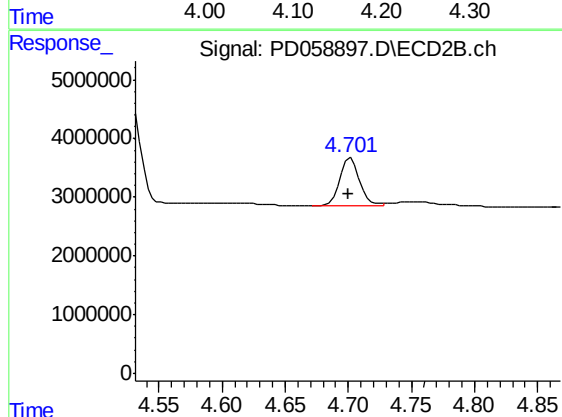
R.T.: 0.000 min  
Exp R.T. : 5.028 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

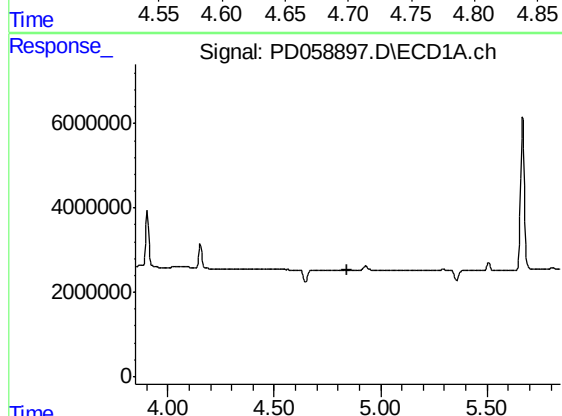
R.T.: 4.154 min  
Delta R.T.: 0.005 min  
Response: 5277632  
Conc: 8.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM37



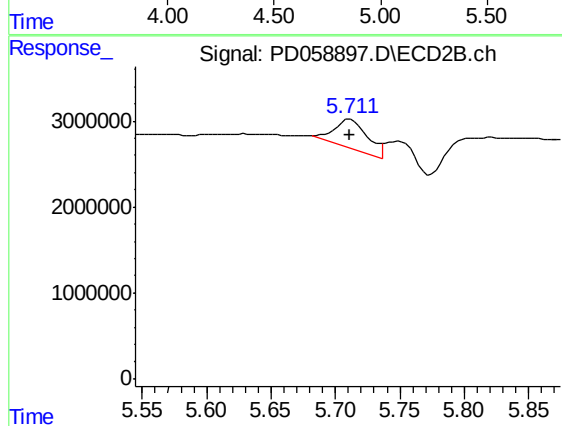
#6 beta-BHC

R.T.: 4.702 min  
Delta R.T.: 0.002 min  
Response: 8920415  
Conc: 10.26 ng/ml



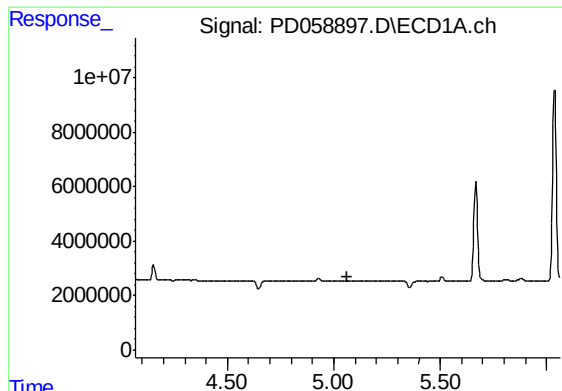
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.846 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

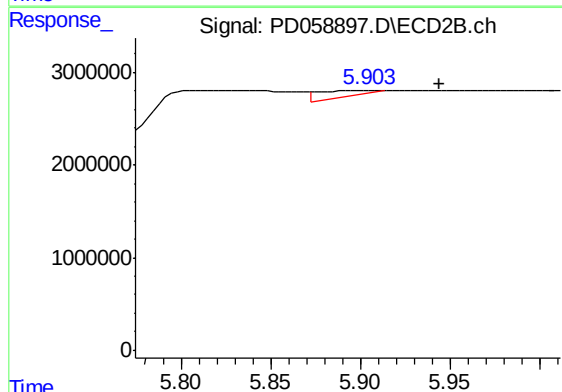
R.T.: 5.712 min  
Delta R.T.: 0.001 min  
Response: 6209513  
Conc: 3.73 ng/ml



#10 trans-Chlordane

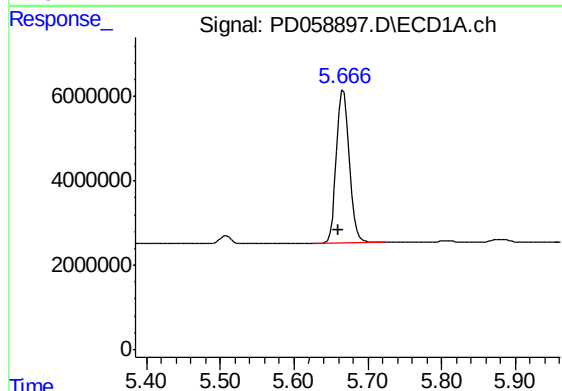
R.T.: 0.000 min  
Exp R.T.: 5.065 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM37



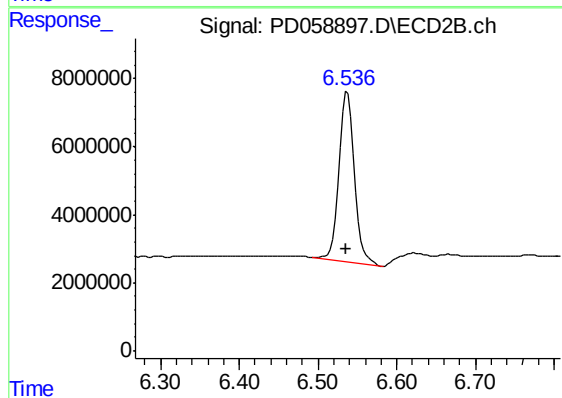
#10 trans-Chlordane

R.T.: 5.904 min  
Delta R.T.: -0.040 min  
Response: 1368337  
Conc: 0.82 ng/ml



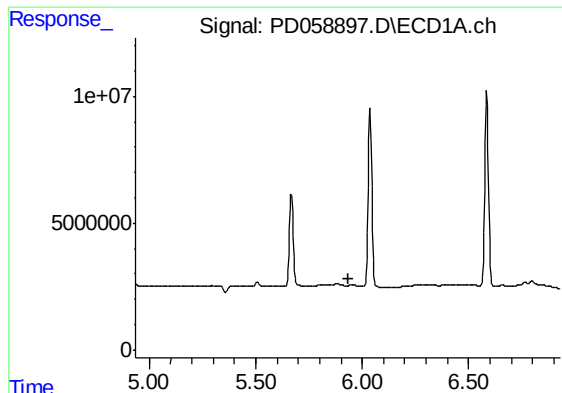
#14 Endrin

R.T.: 5.667 min  
Delta R.T.: 0.007 min  
Response: 44071494  
Conc: 44.36 ng/ml



#14 Endrin

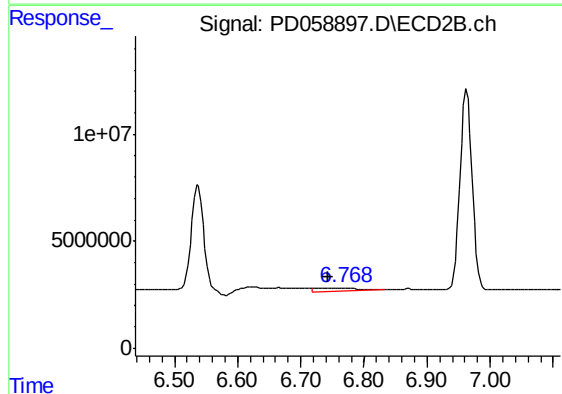
R.T.: 6.537 min  
Delta R.T.: 0.003 min  
Response: 69792377  
Conc: 51.45 ng/ml



#15 Endosulfan II

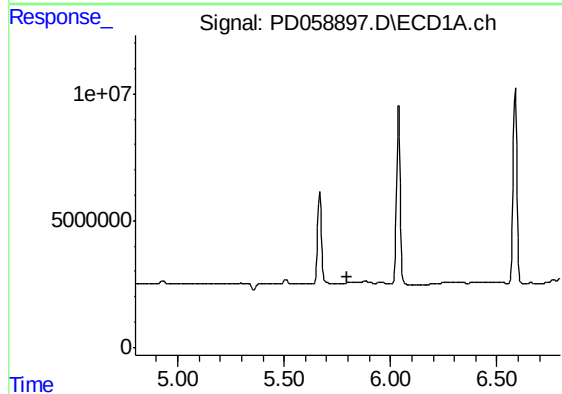
R.T.: 0.000 min  
Exp R.T. : 5.934 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM37



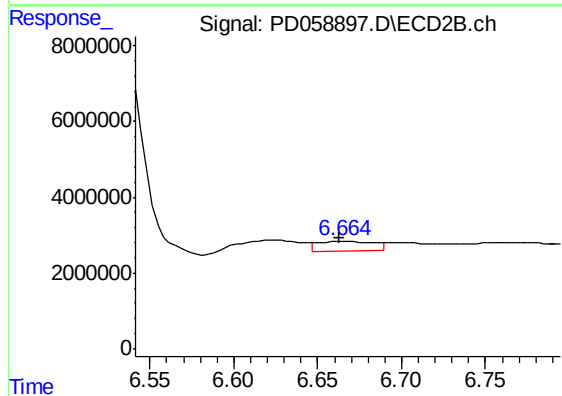
#15 Endosulfan II

R.T.: 6.771 min  
Delta R.T.: 0.027 min  
Response: 5957344  
Conc: 4.23 ng/ml



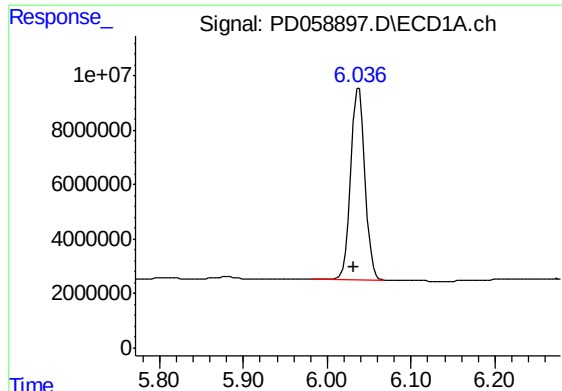
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.798 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

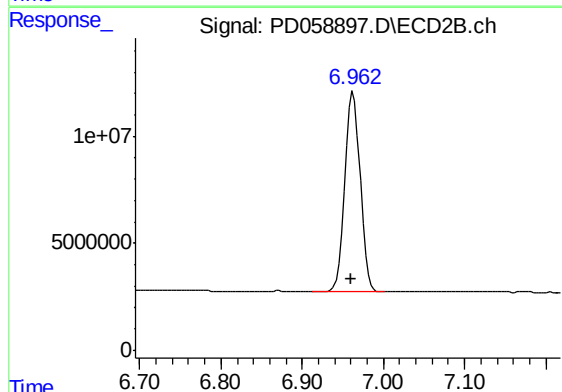
R.T.: 6.666 min  
Delta R.T.: 0.003 min  
Response: 6061982  
Conc: 4.62 ng/ml



#17 4,4'-DDT

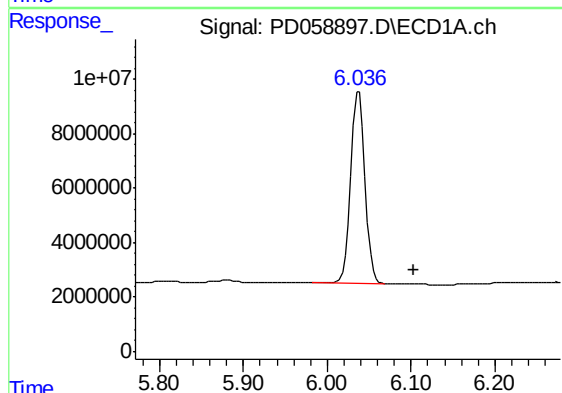
R.T.: 6.038 min  
Delta R.T.: 0.006 min  
Response: 82030846  
Conc: 91.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM37



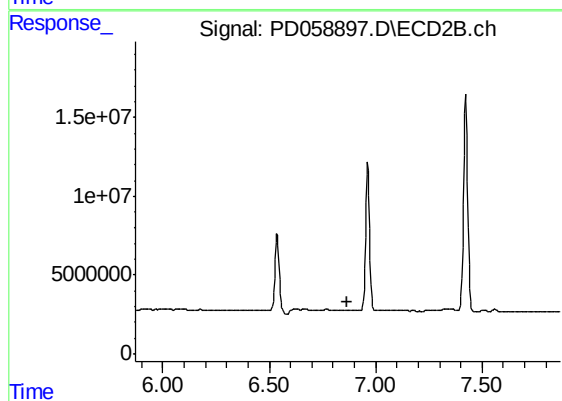
#17 4,4'-DDT

R.T.: 6.963 min  
Delta R.T.: 0.003 min  
Response: 123666204  
Conc: 93.71 ng/ml



#18 Endrin aldehyde

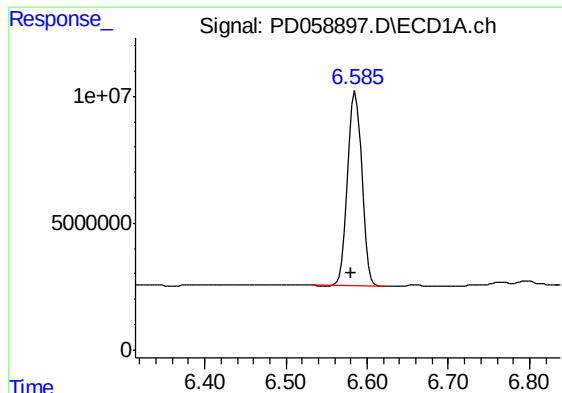
R.T.: 6.038 min  
Delta R.T.: -0.065 min  
Response: 82030846  
Conc: 95.91 ng/ml



#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.868 min  
Response: 0  
Conc: N.D.

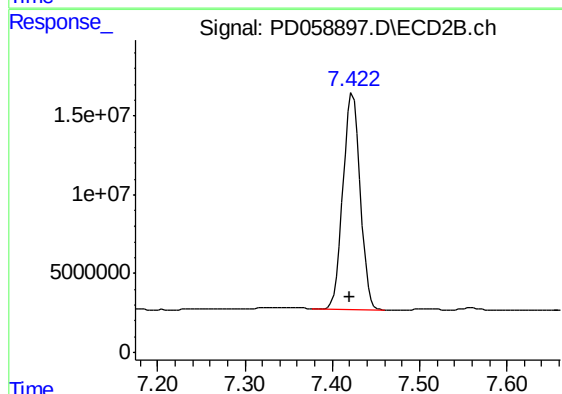




#20 Methoxychlor

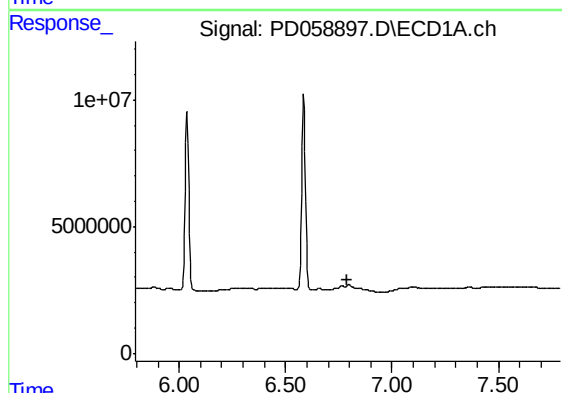
R.T.: 6.586 min  
Delta R.T.: 0.006 min  
Response: 93788255  
Conc: 207.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM37



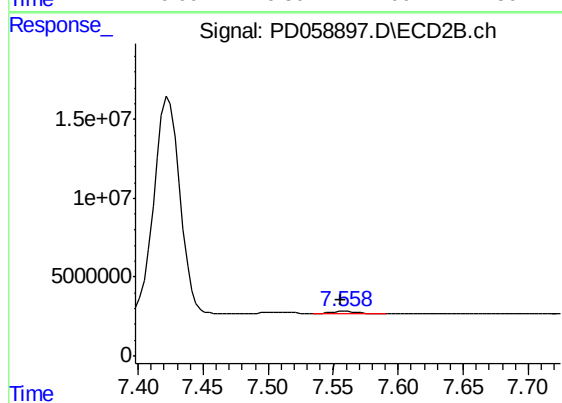
#20 Methoxychlor

R.T.: 7.423 min  
Delta R.T.: 0.003 min  
Response: 186433456  
Conc: 269.84 ng/ml



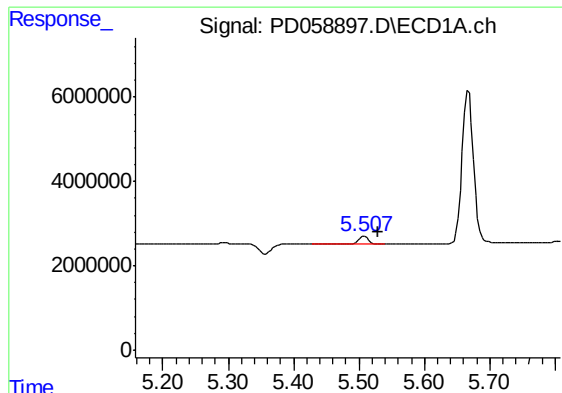
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.792 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

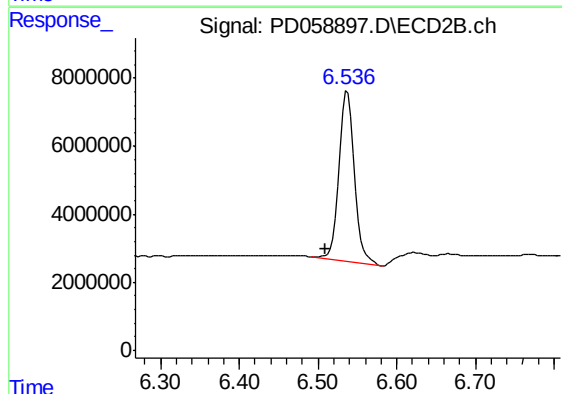
R.T.: 7.559 min  
Delta R.T.: 0.003 min  
Response: 1558687  
Conc: 1.07 ng/ml



#23 Toxaphene-2

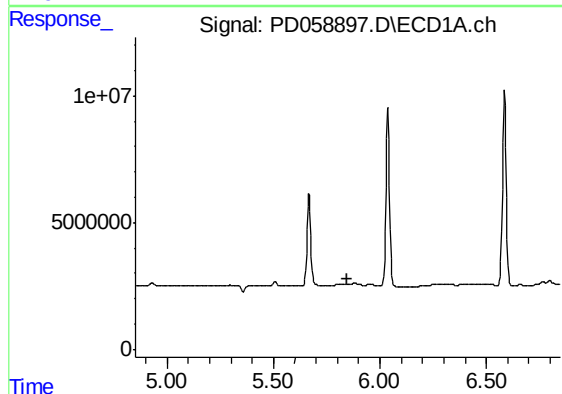
R.T.: 5.508 min  
Delta R.T.: -0.021 min  
Response: 1939053  
Conc: 267.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM37



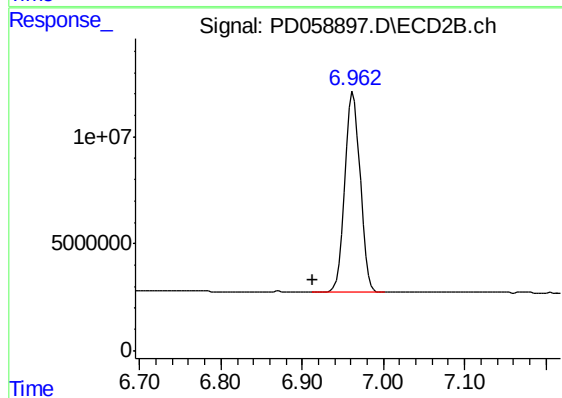
#23 Toxaphene-2

R.T.: 6.537 min  
Delta R.T.: 0.028 min  
Response: 69792377  
Conc: 6624.55 ng/ml



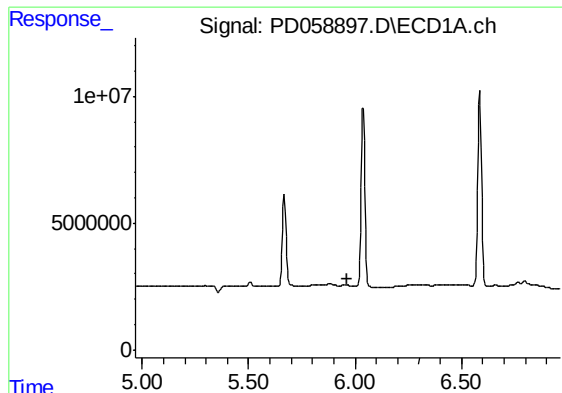
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T. : 5.849 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

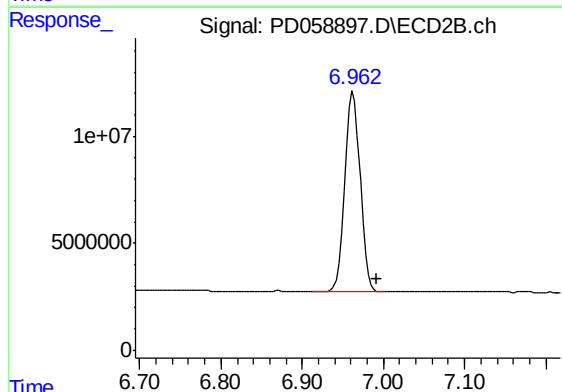
R.T.: 6.963 min  
Delta R.T.: 0.050 min  
Response: 123666204  
Conc: 9303.09 ng/ml



#25 Toxaphene-4

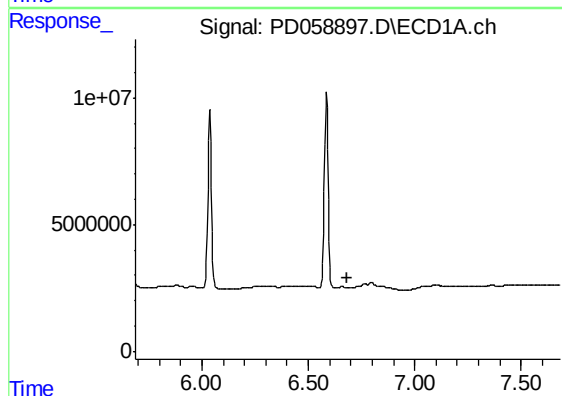
R.T.: 0.000 min  
Exp R.T. : 5.966 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM37



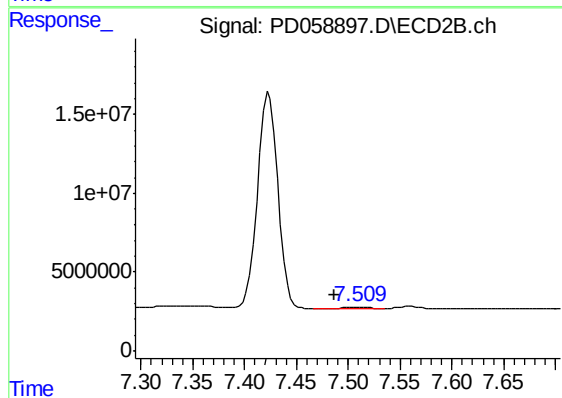
#25 Toxaphene-4

R.T.: 6.963 min  
Delta R.T.: -0.028 min  
Response: 123666204  
Conc: 3221.56 ng/ml



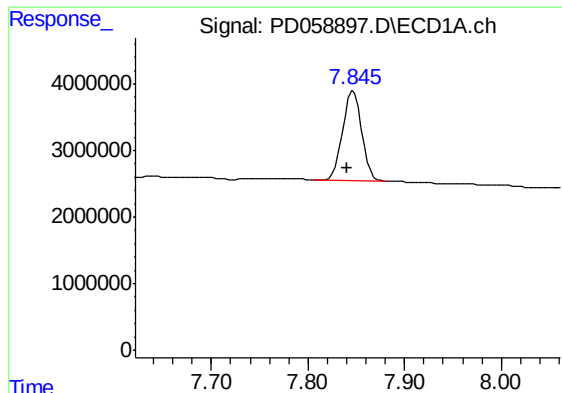
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 6.686 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

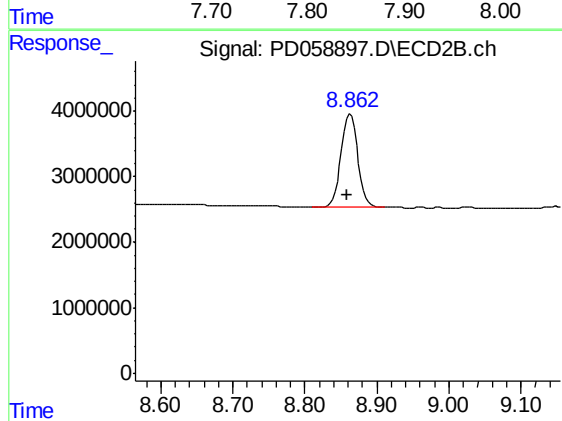
R.T.: 7.510 min  
Delta R.T.: 0.024 min  
Response: 1085924  
Conc: 60.92 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.847 min  
Delta R.T.: 0.006 min  
Response: 18165249  
Conc: 17.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM37



#27 Decachlorobiphenyl

R.T.: 8.863 min  
Delta R.T.: 0.005 min  
Response: 23239955  
Conc: 16.95 ng/ml