

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100719\  
 Data File : PD055187.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Oct 2019 11:38  
 Operator : SG\AJ  
 Sample : PEM31  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM31

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 08 09:13:04 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

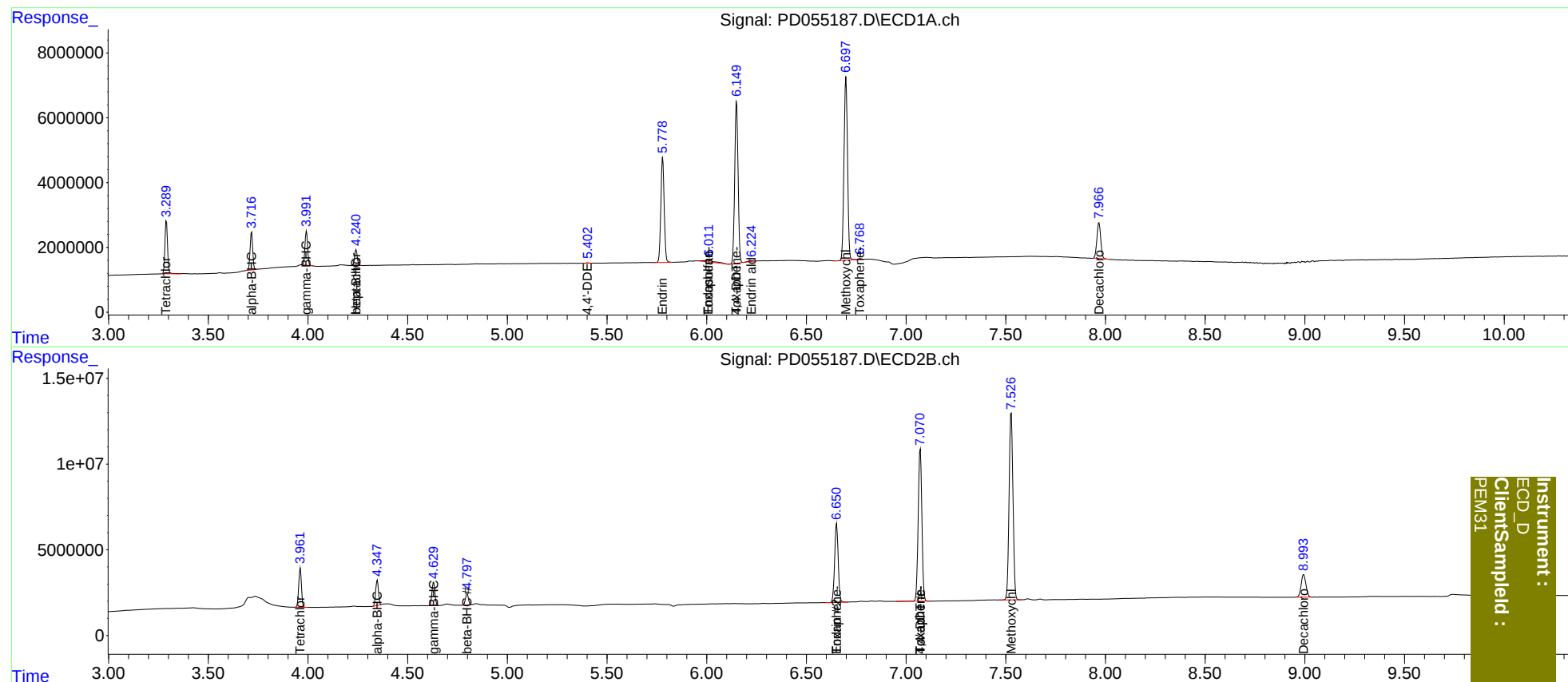
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.290  | 3.962 | 15007351 | 22095146 | 19.726   | 21.531     |
| 2)                          | SA Decachlor... | 7.968  | 8.994 | 14676320 | 21912815 | 17.418   | 18.808     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.718  | 4.348 | 10553306 | 14295603 | 9.505    | 9.916      |
| 3)                          | MA gamma-BHC... | 3.993  | 4.631 | 9585674  | 14400097 | 8.940    | 10.284     |
| 4)                          | MA Heptachlor   | 4.242f | 0.000 | 4506334  | 0        | 4.871    | N.D. #     |
| 6)                          | B beta-BHC      | 4.242  | 4.799 | 4506334  | 6952345  | 9.632    | 10.428     |
| 12)                         | B 4,4'-DDE      | 5.404  | 0.000 | 164428   | 0        | 0.183    | N.D. #     |
| 14)                         | MA Endrin       | 5.780  | 6.652 | 37652108 | 57232568 | 45.283   | 51.965     |
| 15)                         | B Endosulfa...  | 6.009f | 0.000 | 2096465  | 0        | 2.407    | N.D. #     |
| 17)                         | MA 4,4'-DDT     | 6.150  | 7.071 | 58989705 | 114.5E6  | 88.505   | 104.639    |
| 18)                         | B Endrin al...  | 6.225  | 0.000 | 357784   | 0        | 0.492    | N.D. #     |
| 20)                         | A Methoxychlor  | 6.699  | 7.527 | 68875714 | 148.0E6  | 194.259  | 237.265    |
| 23)                         | Toxaphene-2     | 0.000  | 6.652 | 0        | 57232568 | N.D.     | 6771.564   |
| 24)                         | Toxaphene-3     | 6.009  | 7.071 | 2096465  | 114.5E6  | 419.662  | 9343.395 # |
| 25)                         | Toxaphene-4     | 6.150  | 7.071 | 58989705 | 114.5E6  | 3900.262 | 3401.282   |
| 26)                         | Toxaphene-5     | 6.770  | 0.000 | 269552   | 0        | 14.572   | N.D. #     |
| -----                       |                 |        |       |          |          |          |            |

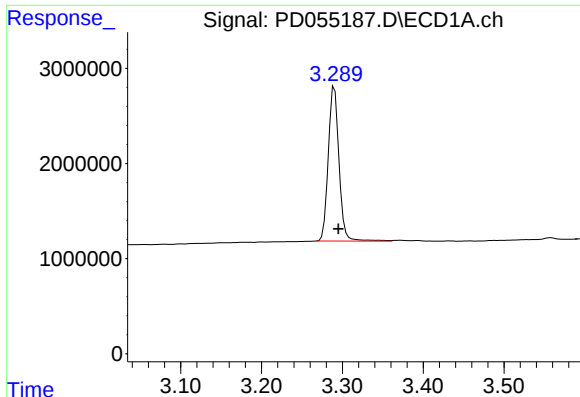
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Data File : PD055187.D  
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Acq On : 07 Oct 2019 11:38  
Operator : SG\AJ  
Sample : PEM31  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 08 09:13:04 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092319CLP.M  
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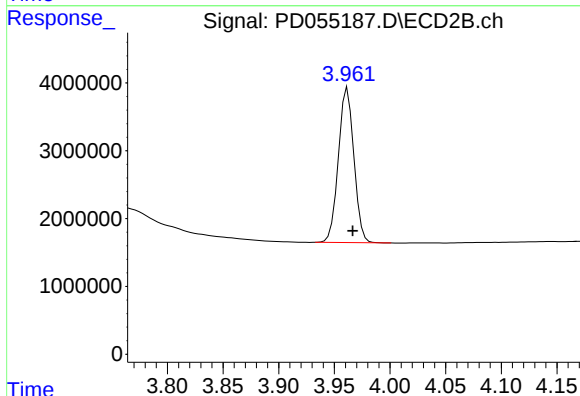




#1 Tetrachloro-m-xylene

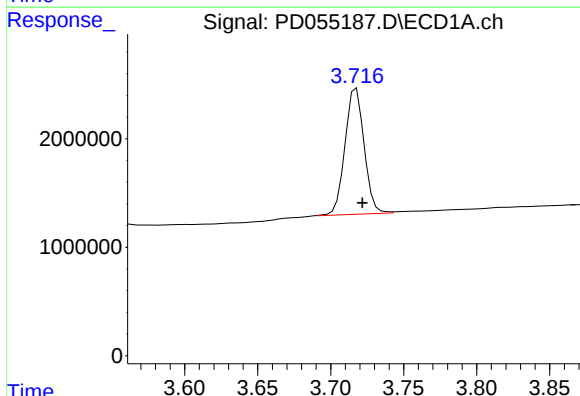
R.T.: 3.290 min  
Delta R.T.: -0.005 min  
Response: 15007351  
Conc: 19.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM31



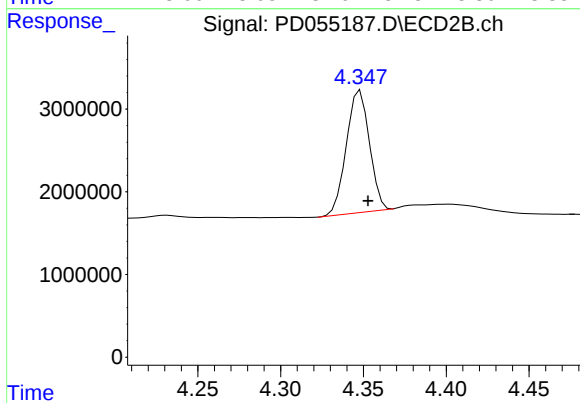
#1 Tetrachloro-m-xylene

R.T.: 3.962 min  
Delta R.T.: -0.005 min  
Response: 22095146  
Conc: 21.53 ng/ml



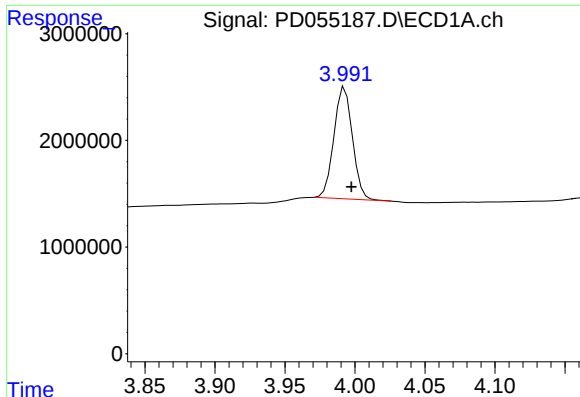
#2 alpha-BHC

R.T.: 3.718 min  
Delta R.T.: -0.004 min  
Response: 10553306  
Conc: 9.50 ng/ml



#2 alpha-BHC

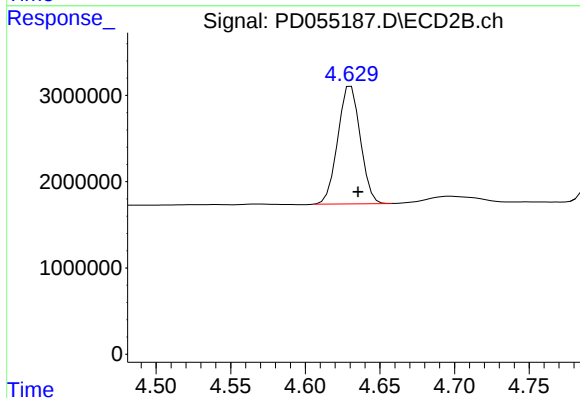
R.T.: 4.348 min  
Delta R.T.: -0.005 min  
Response: 14295603  
Conc: 9.92 ng/ml



#3 gamma-BHC (Lindane)

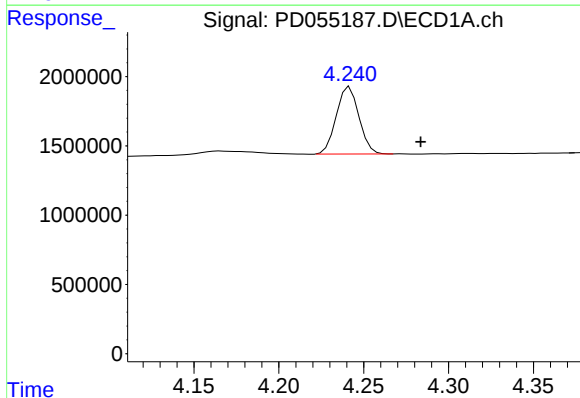
R.T.: 3.993 min  
Delta R.T.: -0.005 min  
Response: 9585674  
Conc: 8.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM31



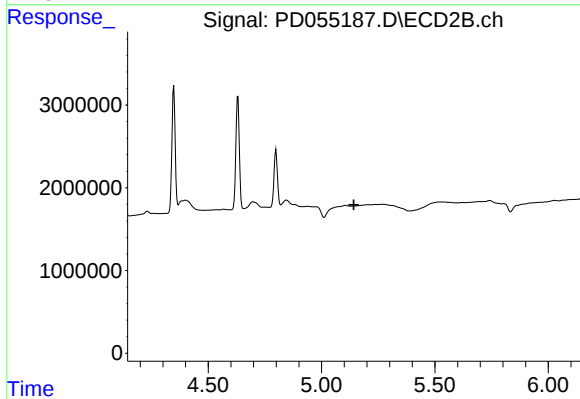
#3 gamma-BHC (Lindane)

R.T.: 4.631 min  
Delta R.T.: -0.005 min  
Response: 14400097  
Conc: 10.28 ng/ml



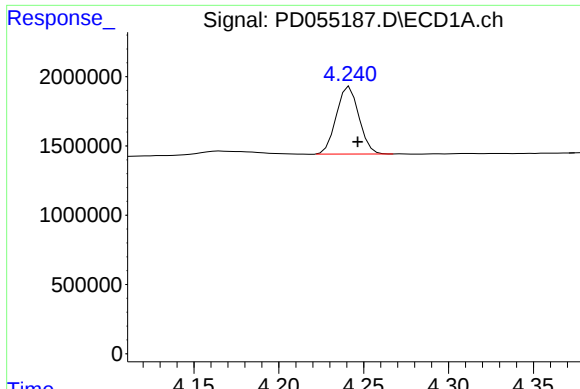
#4 Heptachlor

R.T.: 4.242 min  
Delta R.T.: -0.042 min  
Response: 4506334  
Conc: 4.87 ng/ml



#4 Heptachlor

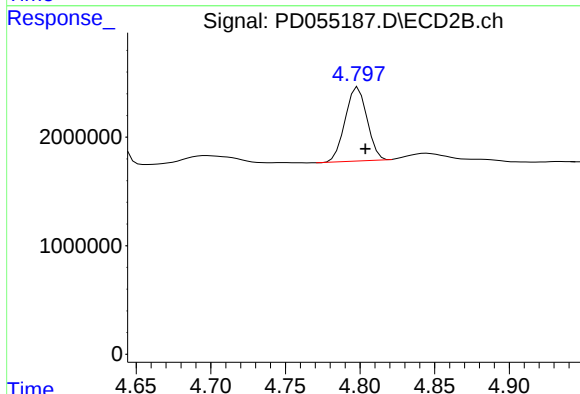
R.T.: 0.000 min  
Exp R.T.: 5.142 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

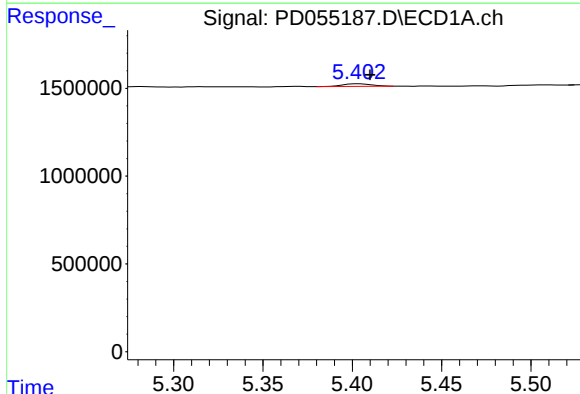
R.T.: 4.242 min  
Delta R.T.: -0.005 min  
Response: 4506334  
Conc: 9.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM31



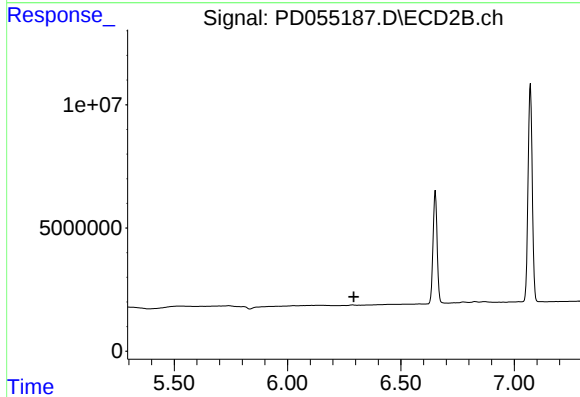
#6 beta-BHC

R.T.: 4.799 min  
Delta R.T.: -0.005 min  
Response: 6952345  
Conc: 10.43 ng/ml



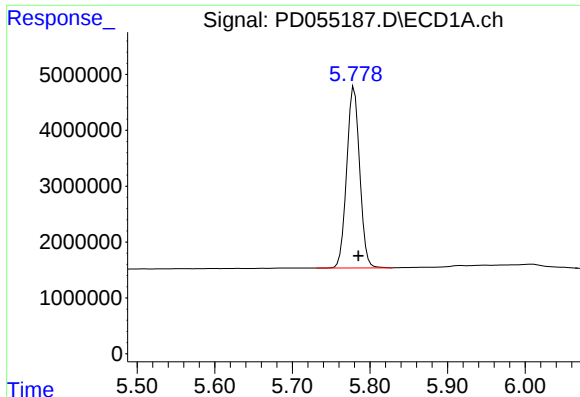
#12 4,4'-DDE

R.T.: 5.404 min  
Delta R.T.: -0.006 min  
Response: 164428  
Conc: 0.18 ng/ml



#12 4,4'-DDE

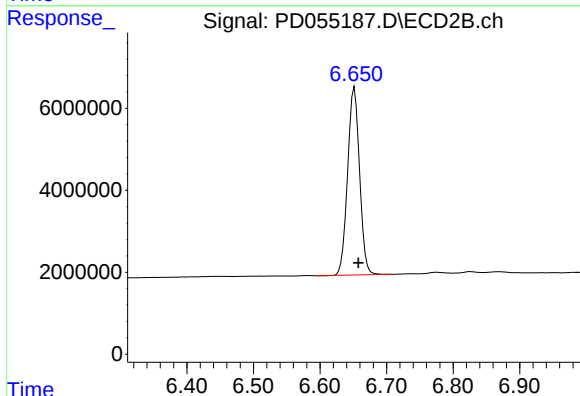
R.T.: 0.000 min  
Exp R.T.: 6.293 min  
Response: 0  
Conc: N.D.



#14 Endrin

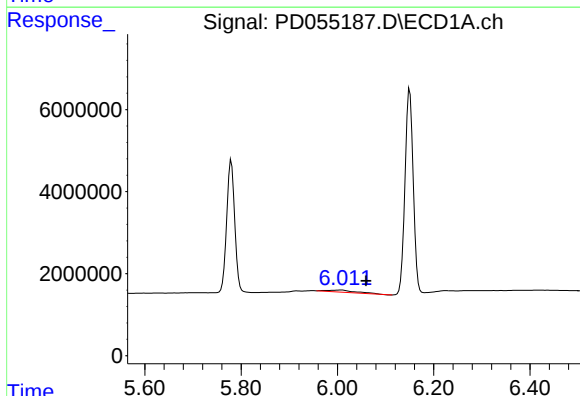
R.T.: 5.780 min  
Delta R.T.: -0.006 min  
Response: 37652108  
Conc: 45.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM31



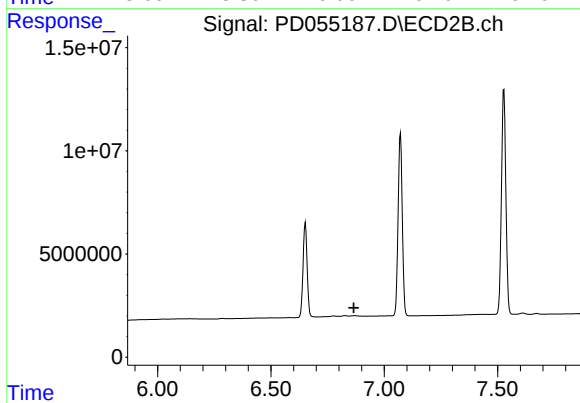
#14 Endrin

R.T.: 6.652 min  
Delta R.T.: -0.006 min  
Response: 57232568  
Conc: 51.96 ng/ml



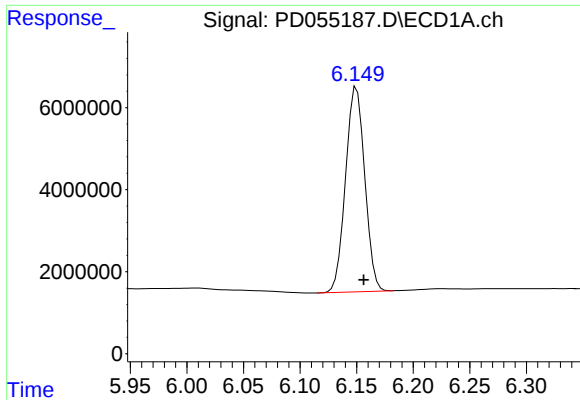
#15 Endosulfan II

R.T.: 6.009 min  
Delta R.T.: -0.051 min  
Response: 2096465  
Conc: 2.41 ng/ml



#15 Endosulfan II

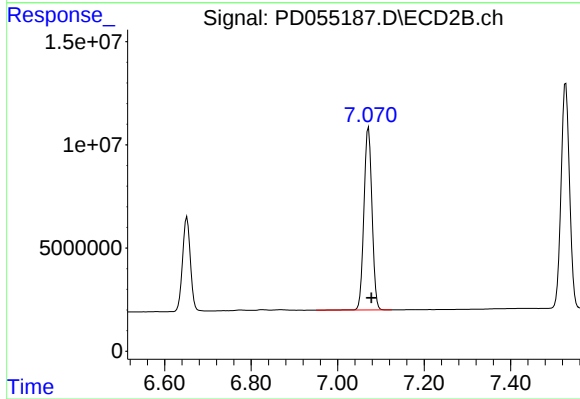
R.T.: 0.000 min  
Exp R.T.: 6.866 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

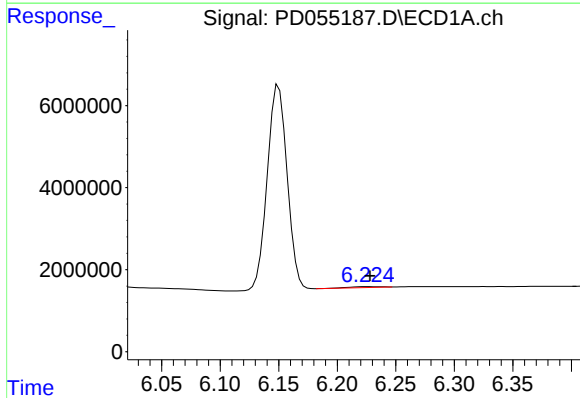
R.T.: 6.150 min  
Delta R.T.: -0.006 min  
Response: 58989705  
Conc: 88.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM31



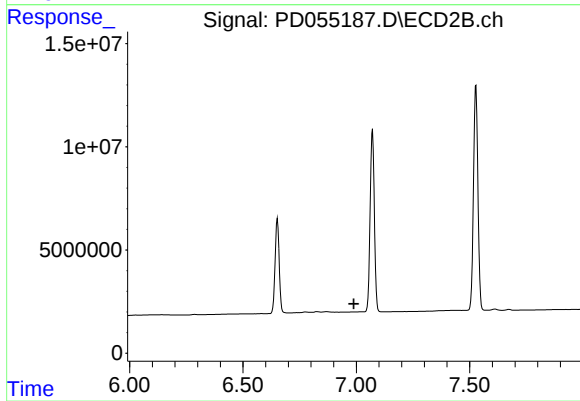
#17 4,4'-DDT

R.T.: 7.071 min  
Delta R.T.: -0.007 min  
Response: 114547566  
Conc: 104.64 ng/ml



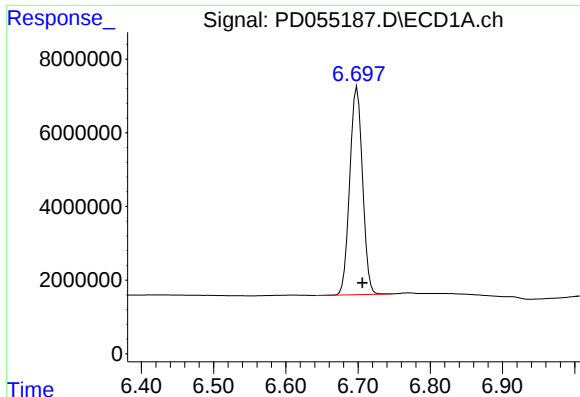
#18 Endrin aldehyde

R.T.: 6.225 min  
Delta R.T.: -0.003 min  
Response: 357784  
Conc: 0.49 ng/ml



#18 Endrin aldehyde

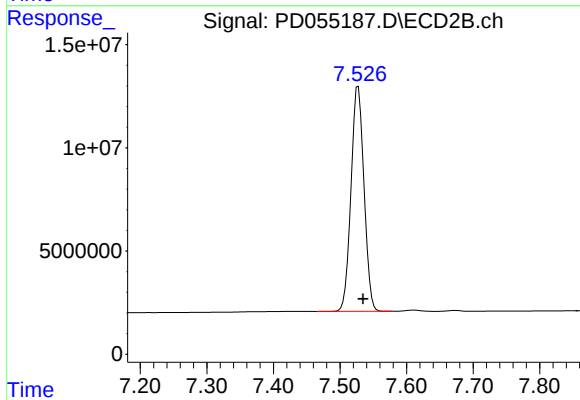
R.T.: 0.000 min  
Exp R.T.: 6.989 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

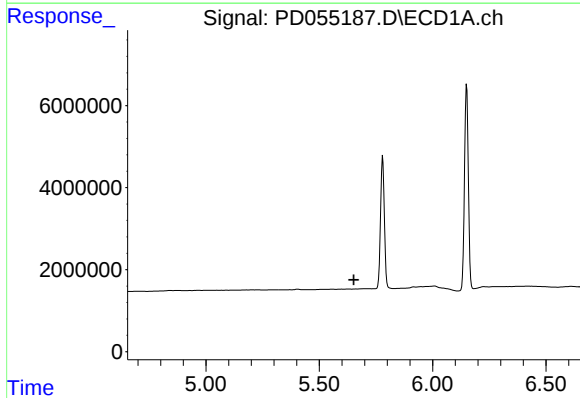
R.T.: 6.699 min  
Delta R.T.: -0.007 min  
Response: 68875714  
Conc: 194.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM31



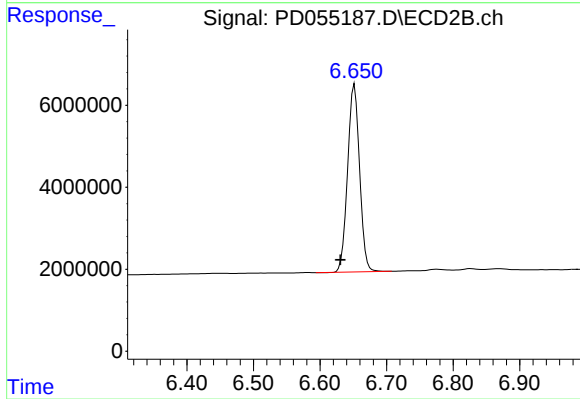
#20 Methoxychlor

R.T.: 7.527 min  
Delta R.T.: -0.007 min  
Response: 147998445  
Conc: 237.27 ng/ml



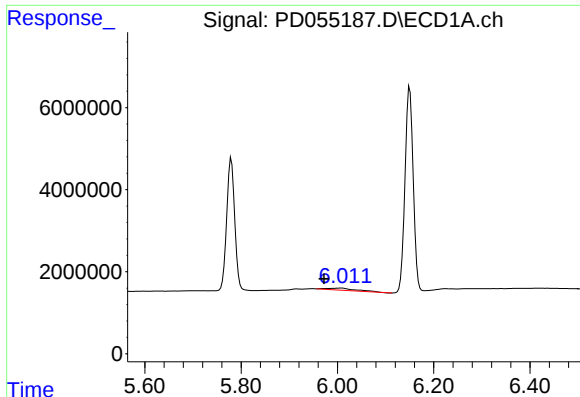
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T. : 5.652 min  
Response: 0  
Conc: N.D.



#23 Toxaphene-2

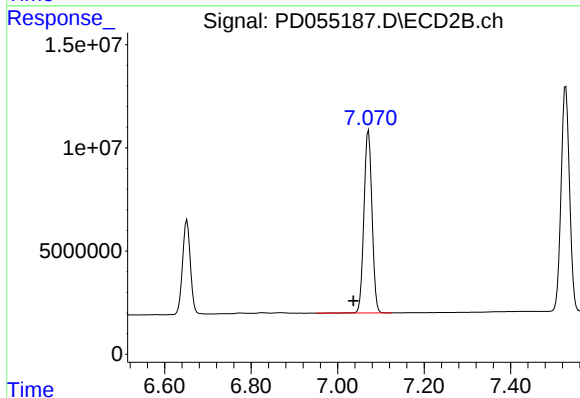
R.T.: 6.652 min  
Delta R.T.: 0.021 min  
Response: 57232568  
Conc: 6771.56 ng/ml



#24 Toxaphene-3

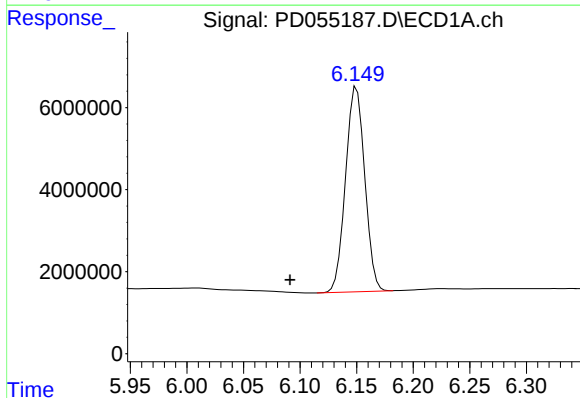
R.T.: 6.009 min  
Delta R.T.: 0.036 min  
Response: 2096465  
Conc: 419.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM31



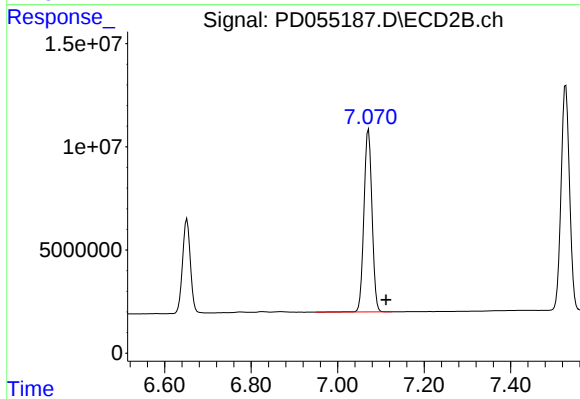
#24 Toxaphene-3

R.T.: 7.071 min  
Delta R.T.: 0.035 min  
Response: 114547566  
Conc: 9343.40 ng/ml



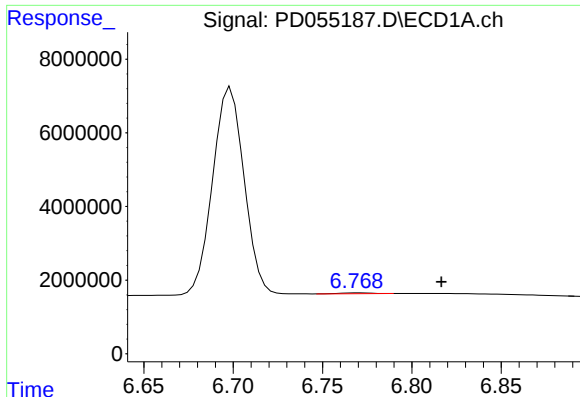
#25 Toxaphene-4

R.T.: 6.150 min  
Delta R.T.: 0.059 min  
Response: 58989705  
Conc: 3900.26 ng/ml



#25 Toxaphene-4

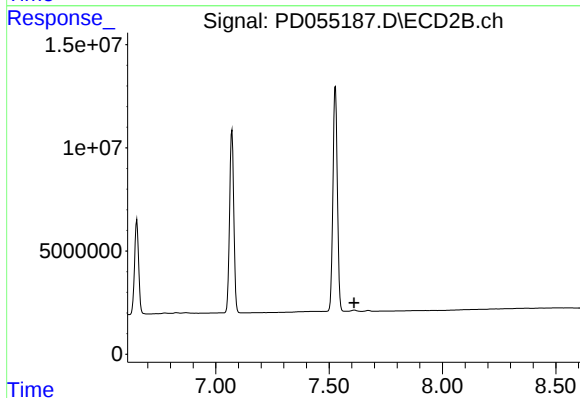
R.T.: 7.071 min  
Delta R.T.: -0.041 min  
Response: 114547566  
Conc: 3401.28 ng/ml



#26 Toxaphene-5

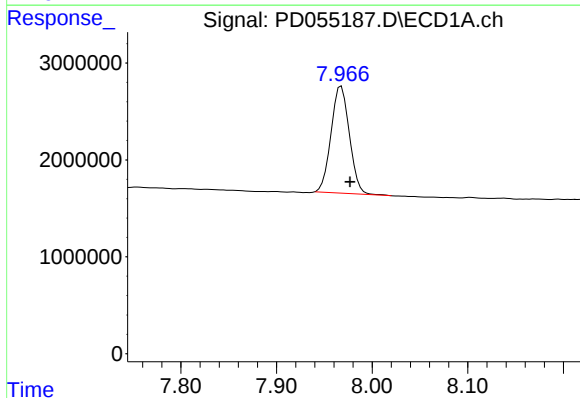
R.T.: 6.770 min  
Delta R.T.: -0.047 min  
Response: 269552  
Conc: 14.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM31



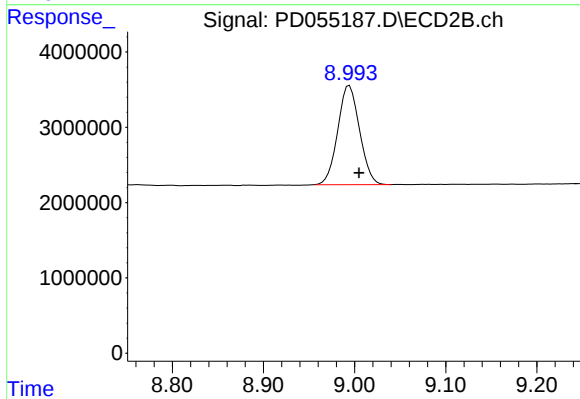
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T.: 7.610 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 7.968 min  
Delta R.T.: -0.009 min  
Response: 14676320  
Conc: 17.42 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.994 min  
Delta R.T.: -0.010 min  
Response: 21912815  
Conc: 18.81 ng/ml