

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042524\  
 Data File : PD082600.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Apr 2024 09:01  
 Operator : AR\AJ  
 Sample : PEM055  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM173

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 25 22:52:38 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042424CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 24 16:11:14 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

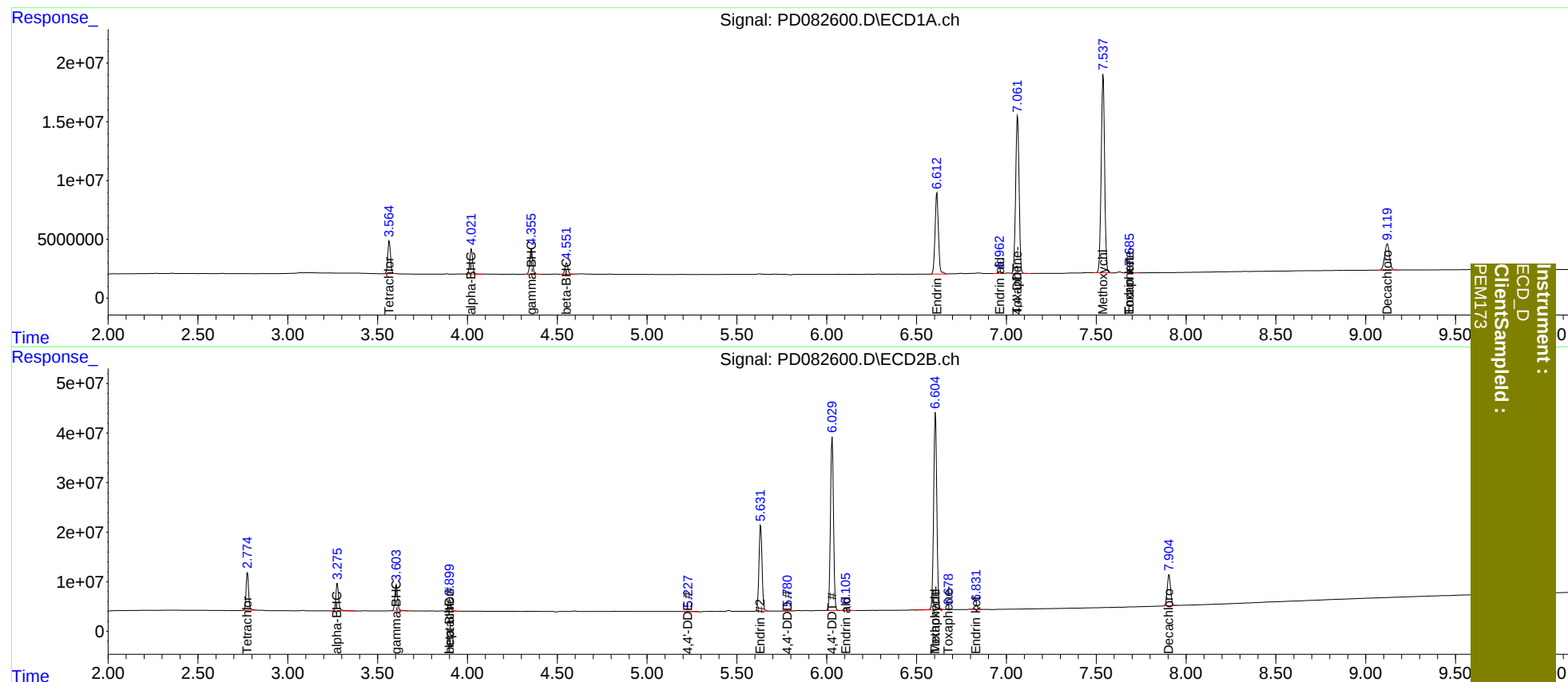
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.565  | 2.776  | 29908646 | 75871273 | 21.151   | 21.680     |
| 27)                         | SA Decachlor... | 9.121  | 7.906  | 41466932 | 81977995 | 21.282   | 21.723     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.022  | 3.276  | 23520468 | 59004718 | 9.858    | 10.509     |
| 3)                          | MA gamma-BHC... | 4.357  | 3.605  | 23947748 | 54509062 | 10.236   | 9.852      |
| 4)                          | MA Heptachlor   | 0.000  | 3.901f | 0        | 24843312 | N.D.     | 4.820      |
| 5)                          | MB Aldrin       | 0.000  | 4.233  | 0        | 187099   | N.D.     | <MDL       |
| 6)                          | B beta-BHC      | 4.552  | 3.901  | 10837636 | 24843312 | 10.329   | 10.921     |
| 8)                          | B Heptachlo...  | 0.000  | 4.665f | 0        | 164180   | N.D.     | <MDL       |
| 9)                          | A Endosulfan I  | 0.000  | 5.135f | 0        | 198682   | N.D.     | <MDL       |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.229  | 0        | 2720102  | N.D.     | 0.594      |
| 14)                         | MA Endrin       | 6.613  | 5.633  | 89944147 | 208.0E6  | 49.226   | 49.153     |
| 15)                         | B Endosulfa...  | 0.000  | 5.943  | 0        | 377780   | N.D.     | <MDL       |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.781  | 0        | 1228268  | N.D.     | 0.345      |
| 17)                         | MA 4,4'-DDT     | 7.062  | 6.030  | 178.5E6  | 410.7E6  | 110.945  | 109.255    |
| 18)                         | B Endrin al...  | 6.963  | 6.106  | 1994659  | 5514060  | 1.368    | 1.676      |
| 19)                         | B Endosulfa...  | 0.000  | 6.325  | 0        | 197082   | N.D.     | <MDL       |
| 20)                         | A Methoxychlor  | 7.539  | 6.605  | 223.3E6  | 486.5E6  | 262.662  | 258.070    |
| 21)                         | B Endrin ke...  | 7.686  | 6.833  | 3821367  | 10029009 | 2.111    | 2.340      |
| 24)                         | Toxaphene-3     | 7.062f | 6.605  | 178.5E6  | 486.5E6  | 3477.599 | 5394.080 # |
| 25)                         | Toxaphene-4     | 0.000  | 6.679f | 0        | 915639   | N.D.     | 7.521      |
| 26)                         | Toxaphene-5     | 7.686f | 0.000  | 3821367  | 0        | 132.280  | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

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

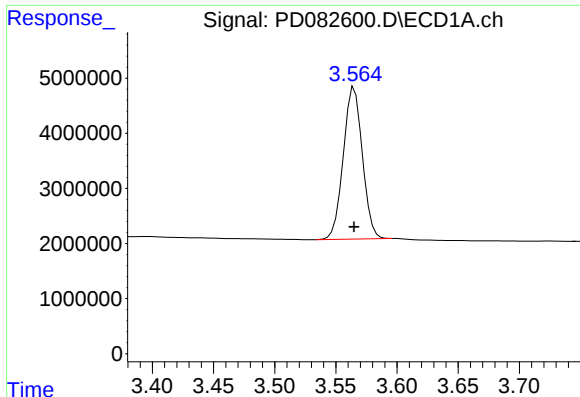
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042524\  
Data File : PD082600.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Apr 2024 09:01  
Operator : AR\AJ  
Sample : PEM055  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 25 22:52:38 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042424CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 24 16:11:14 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



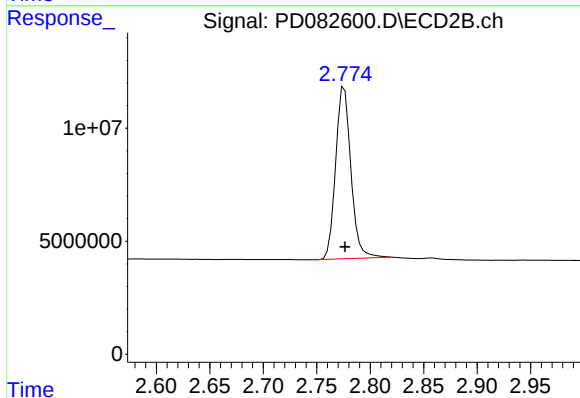
Instrument :  
ECD\_D  
ClientSampled :  
PEM173



#1 Tetrachloro-m-xylene

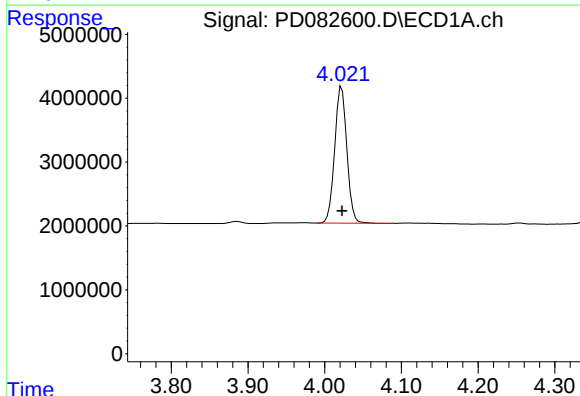
R.T.: 3.565 min  
Delta R.T.: 0.000 min  
Response: 29908646  
Conc: 21.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM173



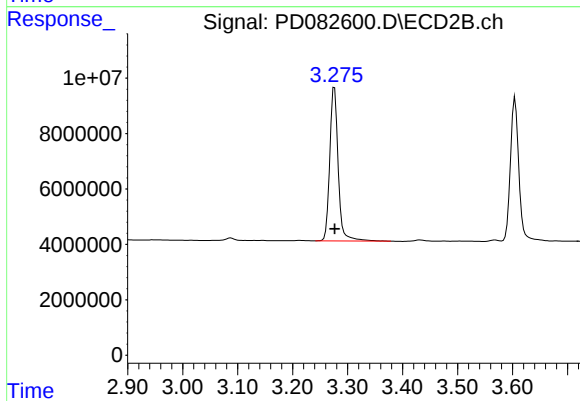
#1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: 0.000 min  
Response: 75871273  
Conc: 21.68 ng/ml



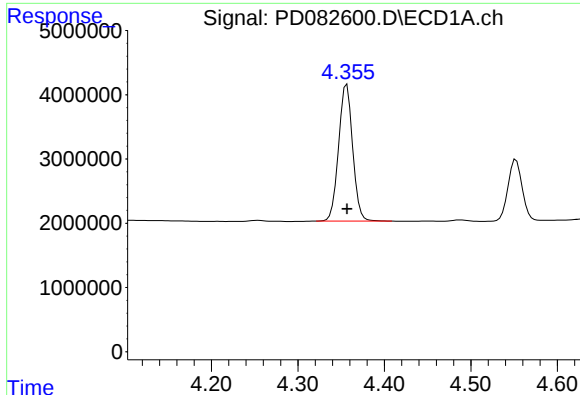
#2 alpha-BHC

R.T.: 4.022 min  
Delta R.T.: 0.000 min  
Response: 23520468  
Conc: 9.86 ng/ml



#2 alpha-BHC

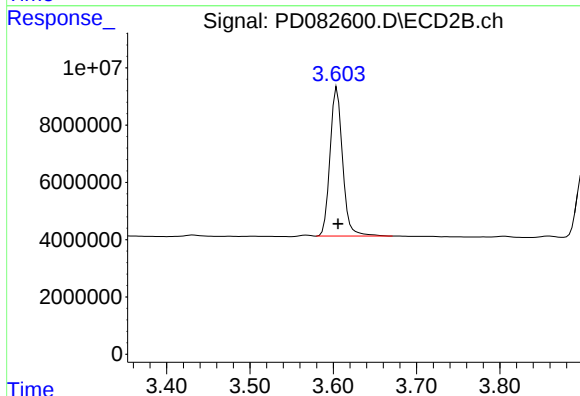
R.T.: 3.276 min  
Delta R.T.: 0.000 min  
Response: 59004718  
Conc: 10.51 ng/ml



#3 gamma-BHC (Lindane)

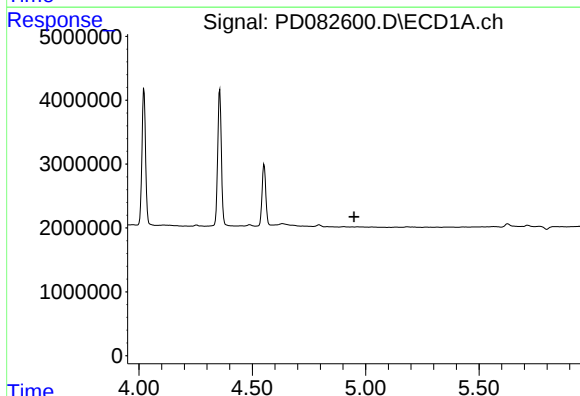
R.T.: 4.357 min  
Delta R.T.: 0.000 min  
Response: 23947748  
Conc: 10.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM173



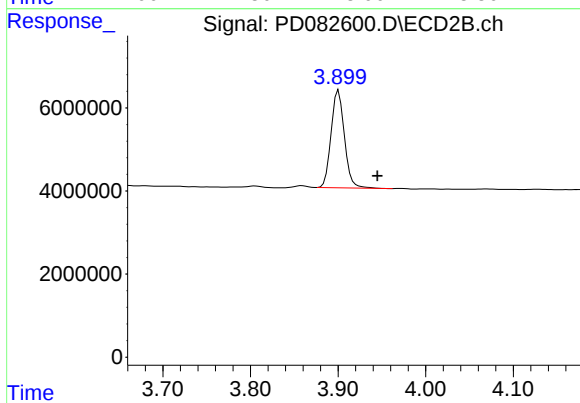
#3 gamma-BHC (Lindane)

R.T.: 3.605 min  
Delta R.T.: -0.001 min  
Response: 54509062  
Conc: 9.85 ng/ml



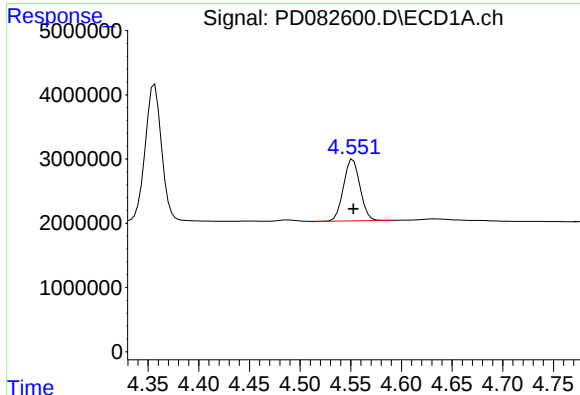
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.950 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

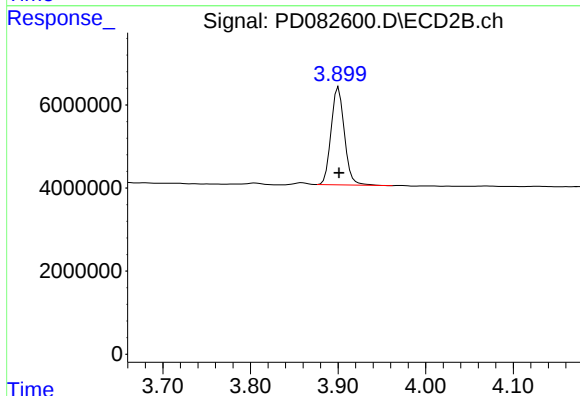
R.T.: 3.901 min  
Delta R.T.: -0.044 min  
Response: 24843312  
Conc: 4.82 ng/ml



#6 beta-BHC

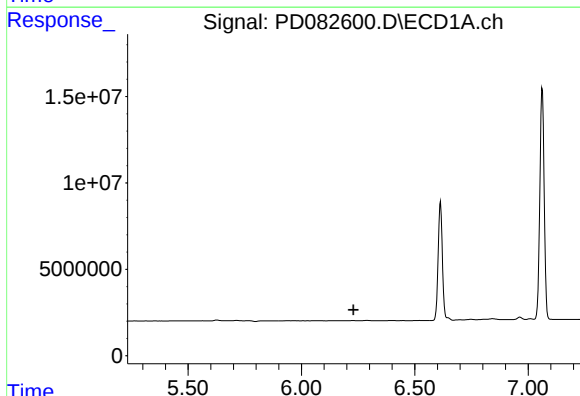
R.T.: 4.552 min  
Delta R.T.: 0.000 min  
Response: 10837636  
Conc: 10.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM173



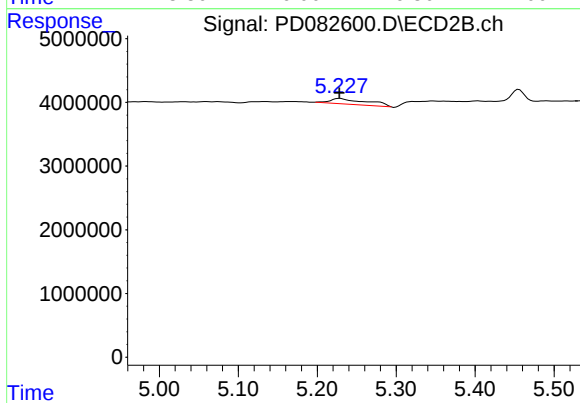
#6 beta-BHC

R.T.: 3.901 min  
Delta R.T.: 0.000 min  
Response: 24843312  
Conc: 10.92 ng/ml



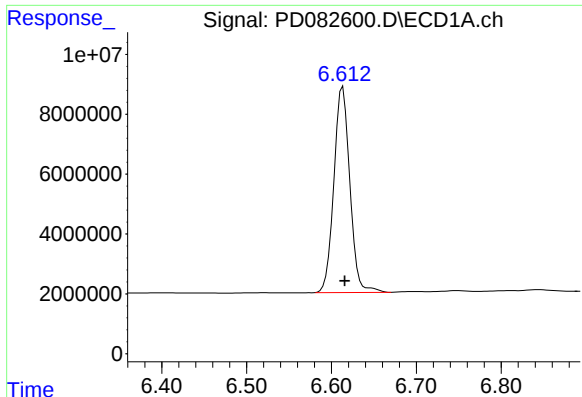
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.230 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

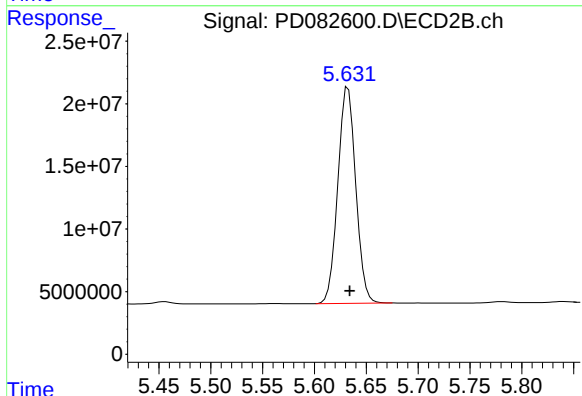
R.T.: 5.229 min  
Delta R.T.: 0.000 min  
Response: 2720102  
Conc: 0.59 ng/ml



#14 Endrin

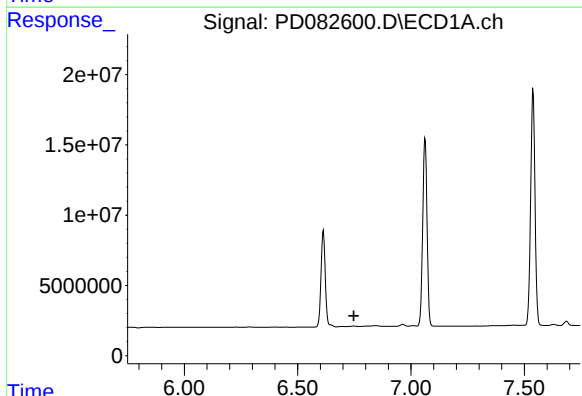
R.T.: 6.613 min  
Delta R.T.: -0.002 min  
Response: 89944147  
Conc: 49.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM173



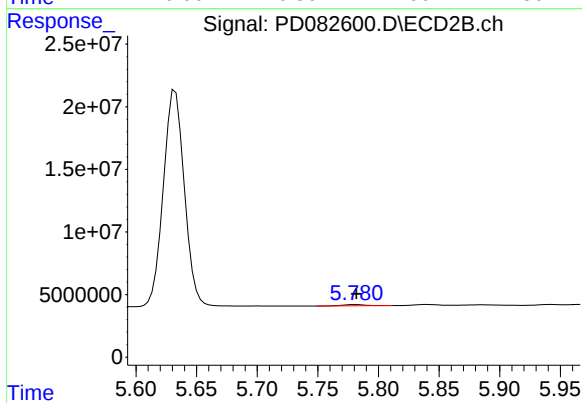
#14 Endrin

R.T.: 5.633 min  
Delta R.T.: -0.002 min  
Response: 208038059  
Conc: 49.15 ng/ml



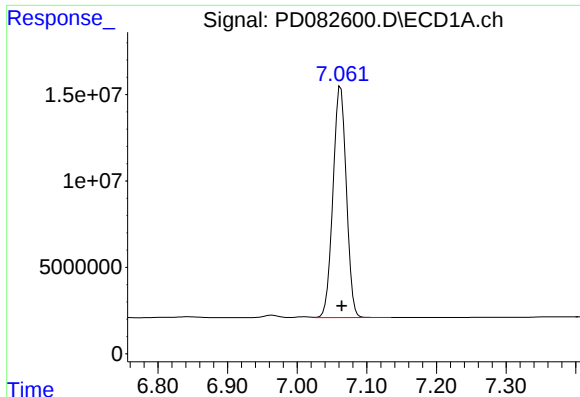
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.748 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

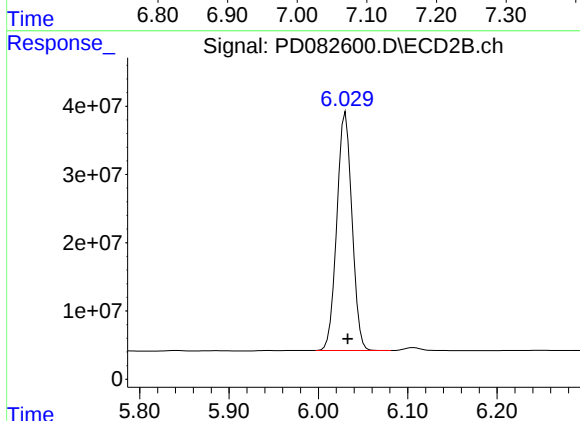
R.T.: 5.781 min  
Delta R.T.: 0.000 min  
Response: 1228268  
Conc: 0.34 ng/ml



#17 4,4'-DDT

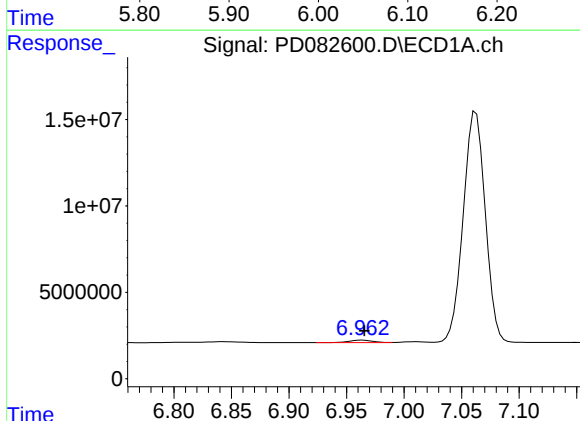
R.T.: 7.062 min  
Delta R.T.: -0.002 min  
Response: 178469735  
Conc: 110.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM173



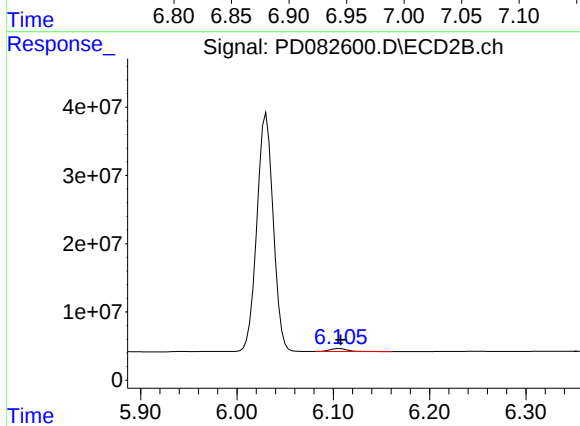
#17 4,4'-DDT

R.T.: 6.030 min  
Delta R.T.: -0.002 min  
Response: 410703484  
Conc: 109.26 ng/ml



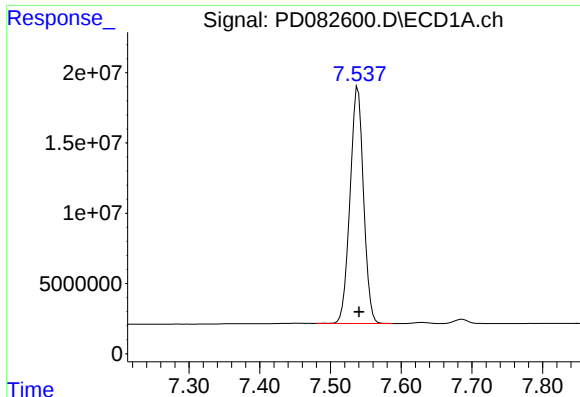
#18 Endrin aldehyde

R.T.: 6.963 min  
Delta R.T.: -0.002 min  
Response: 1994659  
Conc: 1.37 ng/ml



#18 Endrin aldehyde

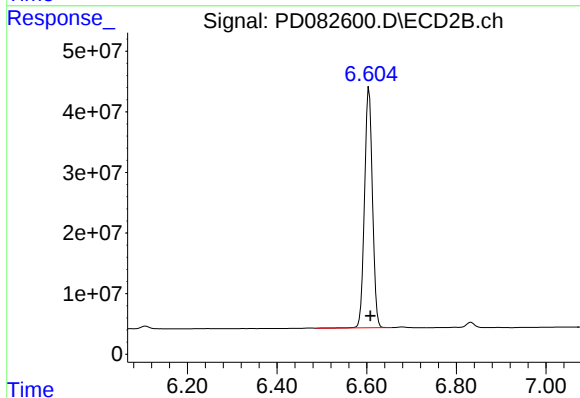
R.T.: 6.106 min  
Delta R.T.: -0.001 min  
Response: 5514060  
Conc: 1.68 ng/ml



#20 Methoxychlor

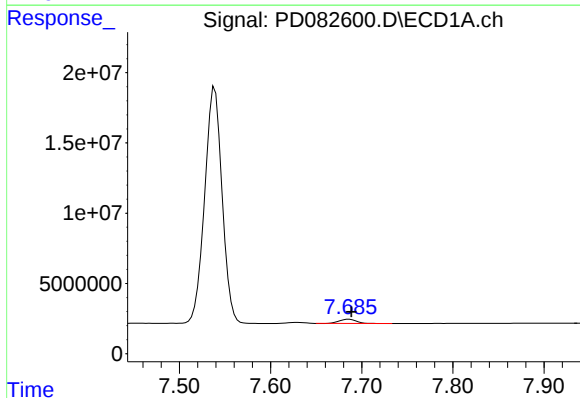
R.T.: 7.539 min  
Delta R.T.: -0.002 min  
Response: 223347176  
Conc: 262.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM173



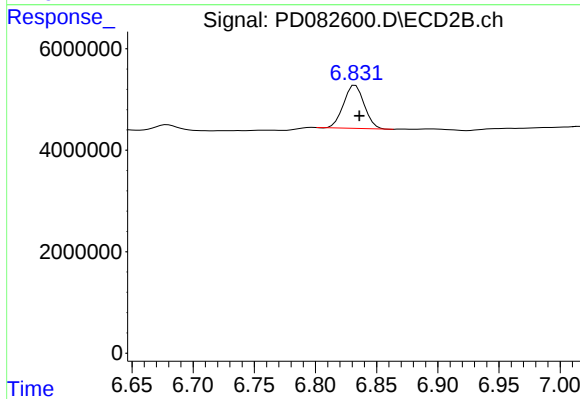
#20 Methoxychlor

R.T.: 6.605 min  
Delta R.T.: -0.003 min  
Response: 486543914  
Conc: 258.07 ng/ml



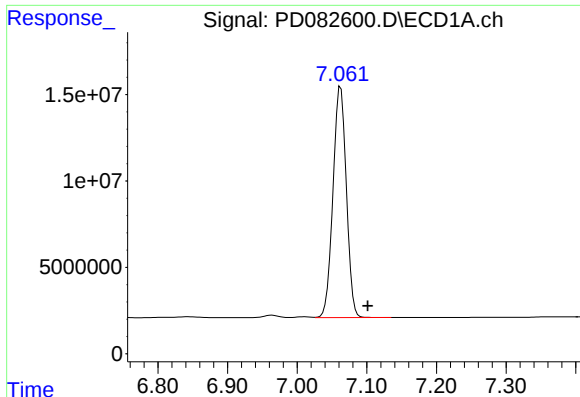
#21 Endrin ketone

R.T.: 7.686 min  
Delta R.T.: -0.003 min  
Response: 3821367  
Conc: 2.11 ng/ml



#21 Endrin ketone

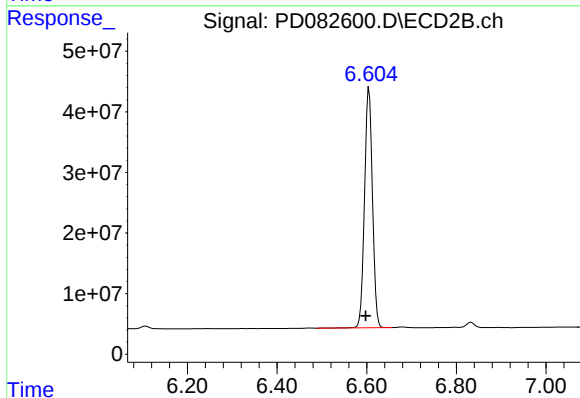
R.T.: 6.833 min  
Delta R.T.: -0.003 min  
Response: 10029009  
Conc: 2.34 ng/ml



#24 Toxaphene-3

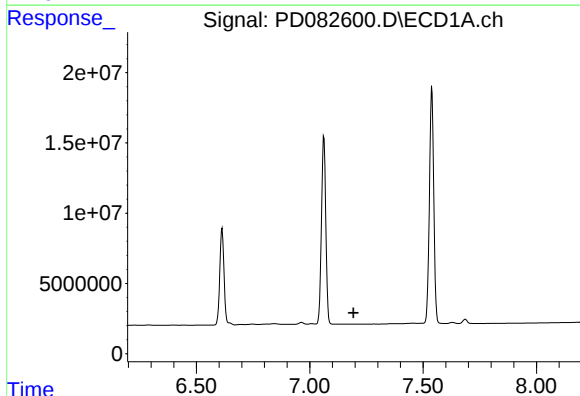
R.T.: 7.062 min  
Delta R.T.: -0.039 min  
Response: 178469735  
Conc: 3477.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM173



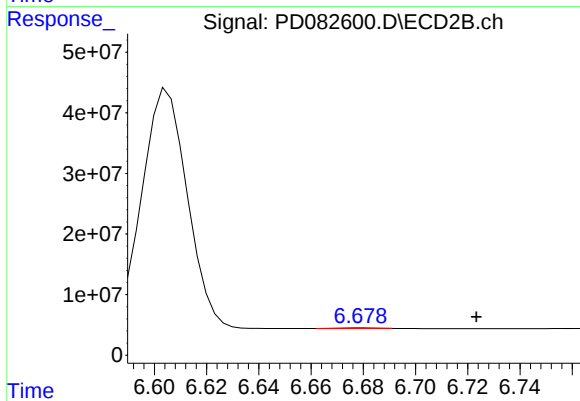
#24 Toxaphene-3

R.T.: 6.605 min  
Delta R.T.: 0.007 min  
Response: 486543914  
Conc: 5394.08 ng/ml



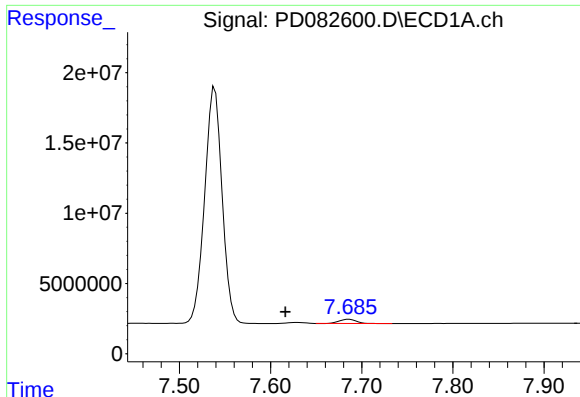
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.194 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

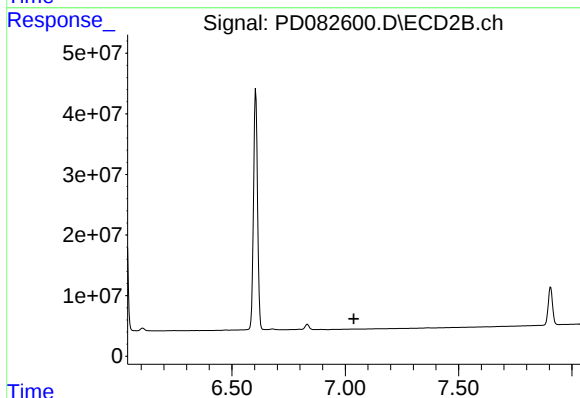
R.T.: 6.679 min  
Delta R.T.: -0.044 min  
Response: 915639  
Conc: 7.52 ng/ml



#26 Toxaphene-5

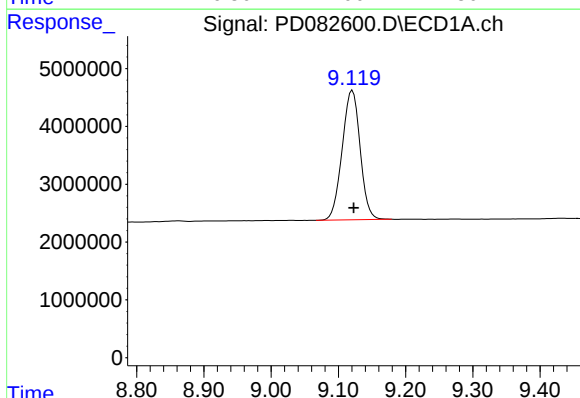
R.T.: 7.686 min  
Delta R.T.: 0.070 min  
Response: 3821367  
Conc: 132.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM173



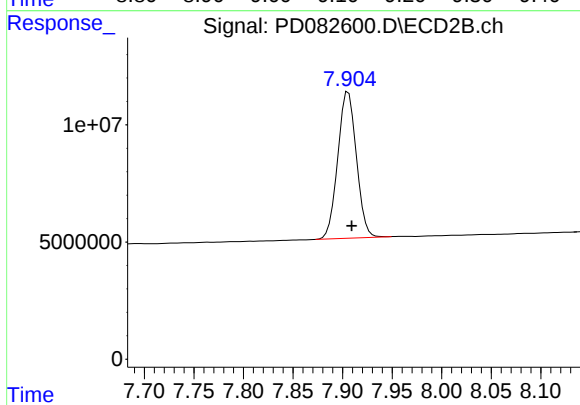
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 7.038 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.121 min  
Delta R.T.: -0.002 min  
Response: 41466932  
Conc: 21.28 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.906 min  
Delta R.T.: -0.003 min  
Response: 81977995  
Conc: 21.72 ng/ml