

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091319\  
 Data File : PD054561.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 13 Sep 2019 12:57  
 Operator : SG\AJ  
 Sample : K4731-19  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0AH5

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 13 23:09:20 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090419CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 05 08:40:10 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 3.301  | 3.972  | 10539924 | 13612440 | 14.913  | 13.793    |
| 27)                         | SA Decachlor... | 7.988  | 9.007  | 16632613 | 18860693 | 24.577  | 20.161    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 4.386f | 0        | 3794656  | N.D.    | 2.545     |
| 3)                          | MA gamma-BHC... | 4.011  | 0.000  | 2887754  | 0        | 2.927   | N.D. #    |
| 8)                          | B Heptachlo...  | 5.042f | 5.828  | 4250429  | 11281031 | 4.744   | 8.202 #   |
| 9)                          | A Endosulfan I  | 5.329  | 6.225  | 31336    | 3425129  | <MDL    | 2.756 #   |
| 10)                         | B trans-Chl...  | 0.000  | 6.051  | 0        | 7570246  | N.D.    | 5.482     |
| 13)                         | MA Dieldrin     | 5.525  | 6.471  | 2375626  | 7130143  | 2.543   | 5.289 #   |
| 14)                         | MA Endrin       | 0.000  | 6.665  | 0        | 5977249  | N.D.    | 5.850     |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.778  | 0        | 3712314  | N.D.    | 3.484     |
| 22)                         | Toxaphene-1     | 5.525  | 6.365  | 2375626  | 1409929  | 452.431 | 222.115 # |
| 23)                         | Toxaphene-2     | 0.000  | 6.665  | 0        | 5977249  | N.D.    | 729.022   |
| -----                       |                 |        |        |          |          |         |           |

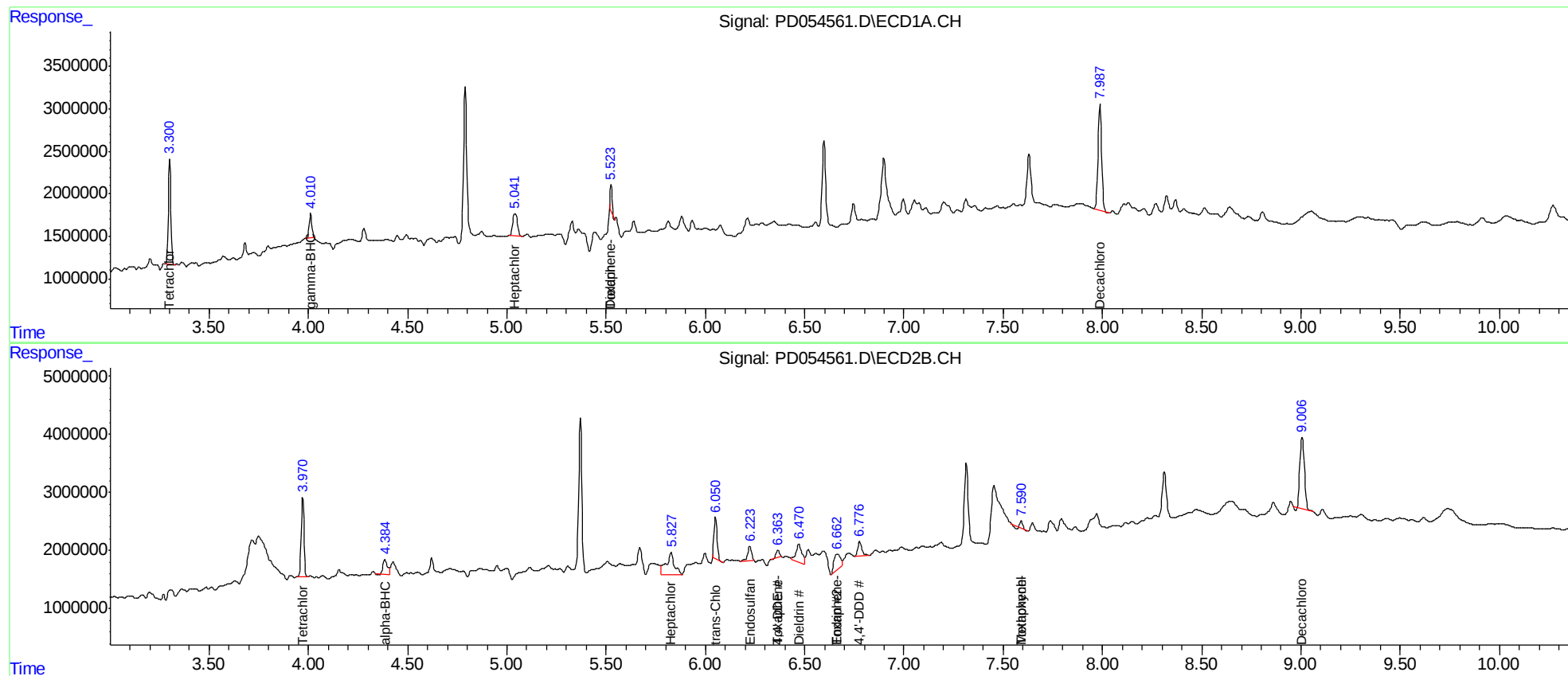
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

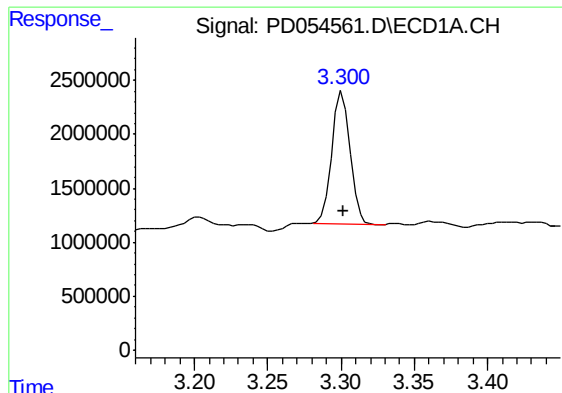
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Acq On : 13 Sep 2019 12:57  
Operator : SG\AJ  
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Misc :  
ALS Vial : 42 Sample Multiplier: 1

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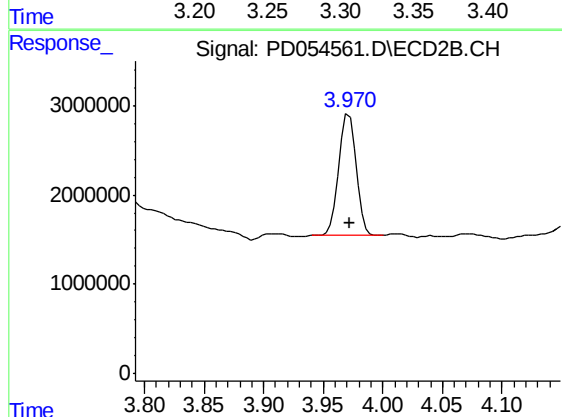




#1 Tetrachloro-m-xylene

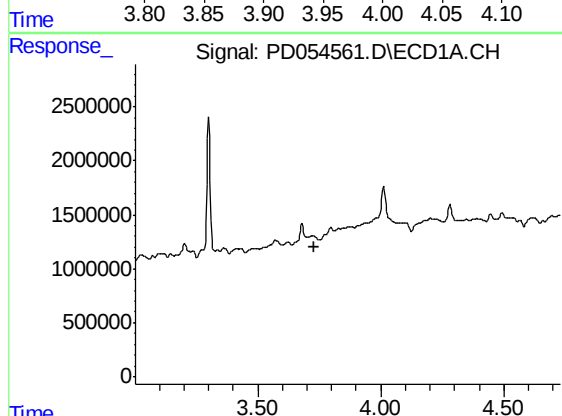
R.T.: 3.301 min  
Delta R.T.: 0.000 min  
Response: 10539924  
Conc: 14.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AH5



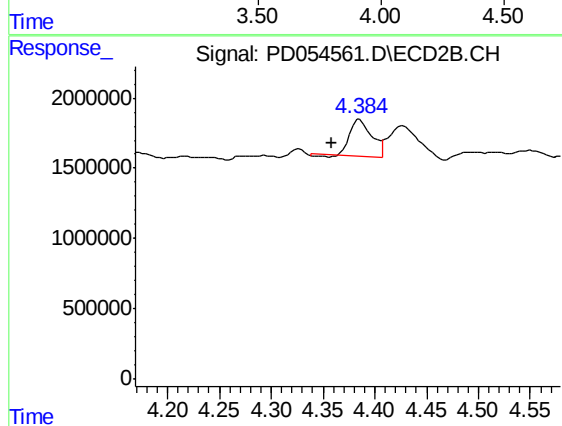
#1 Tetrachloro-m-xylene

R.T.: 3.972 min  
Delta R.T.: 0.000 min  
Response: 13612440  
Conc: 13.79 ng/ml



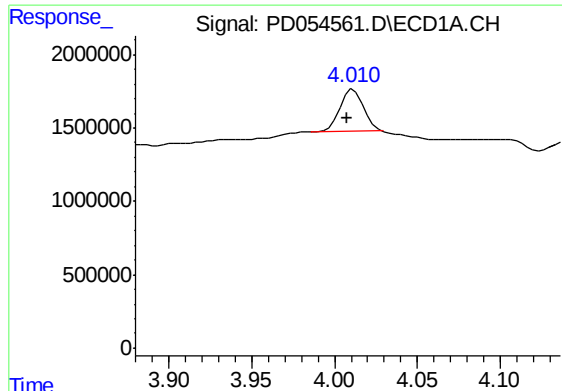
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.731 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

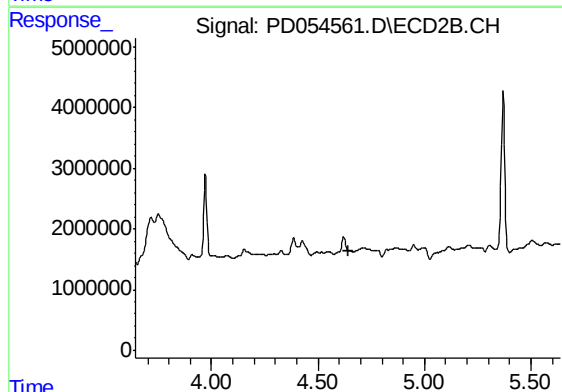
R.T.: 4.386 min  
Delta R.T.: 0.027 min  
Response: 3794656  
Conc: 2.54 ng/ml



#3 gamma-BHC (Lindane)

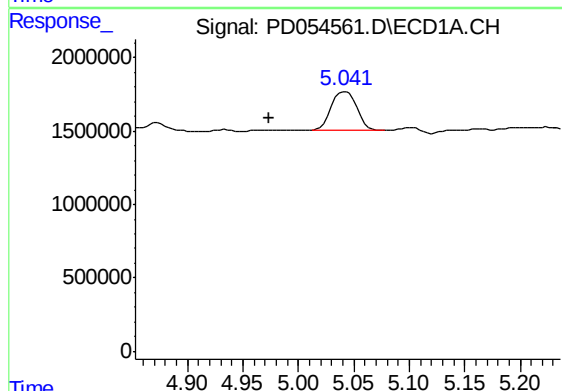
R.T.: 4.011 min  
Delta R.T.: 0.004 min  
Response: 2887754  
Conc: 2.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AH5



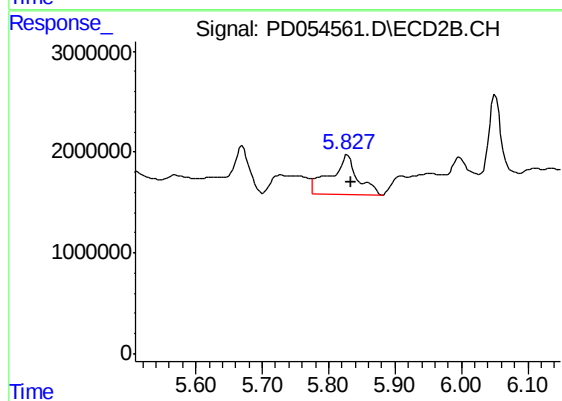
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.642 min  
Response: 0  
Conc: N.D.



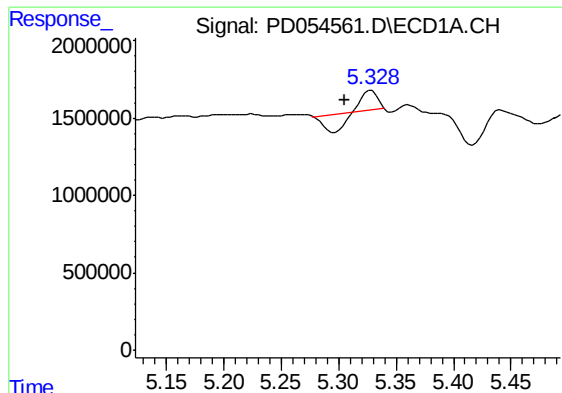
#8 Heptachlor epoxide

R.T.: 5.042 min  
Delta R.T.: 0.068 min  
Response: 4250429  
Conc: 4.74 ng/ml



#8 Heptachlor epoxide

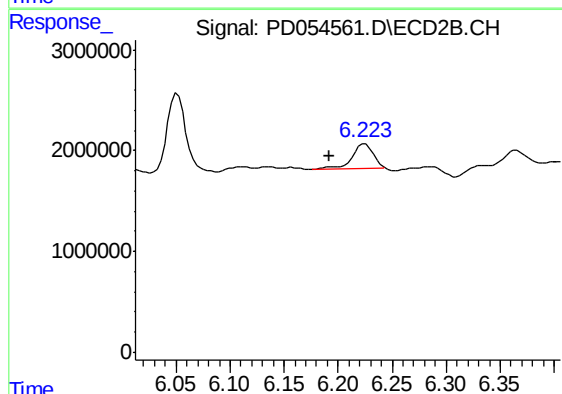
R.T.: 5.828 min  
Delta R.T.: -0.006 min  
Response: 11281031  
Conc: 8.20 ng/ml



#9 Endosulfan I

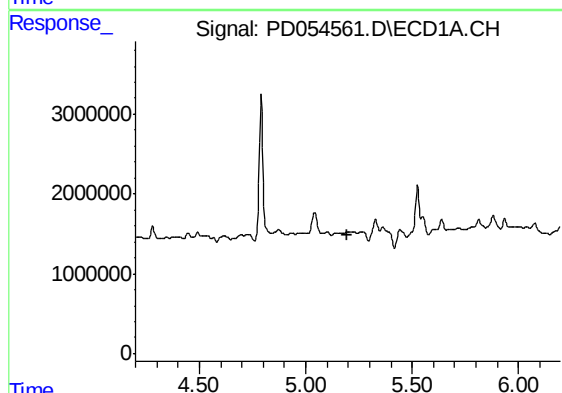
R.T.: 5.329 min  
Delta R.T.: 0.023 min  
Response: 31336  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0AH5



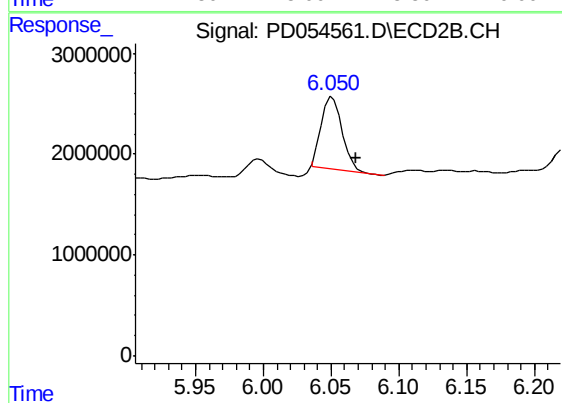
#9 Endosulfan I

R.T.: 6.225 min  
Delta R.T.: 0.033 min  
Response: 3425129  
Conc: 2.76 ng/ml



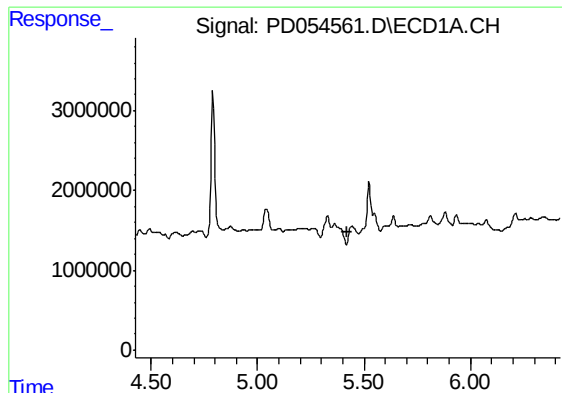
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.197 min  
Response: 0  
Conc: N.D.



#10 trans-Chlordane

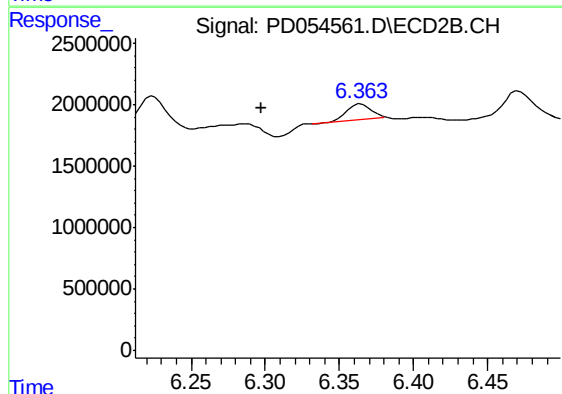
R.T.: 6.051 min  
Delta R.T.: -0.018 min  
Response: 7570246  
Conc: 5.48 ng/ml



#12 4,4'-DDE

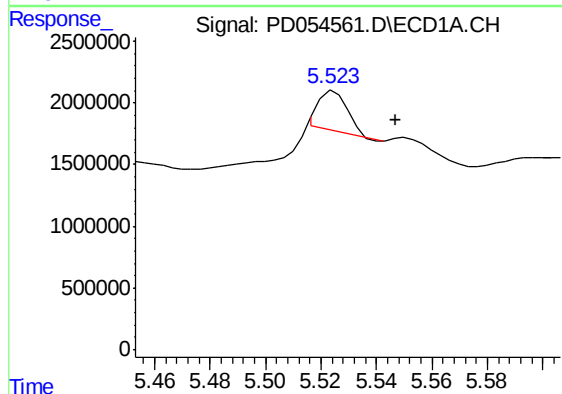
R.T.: 5.442 min  
Delta R.T.: 0.019 min  
Response: -1460560  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0AH5



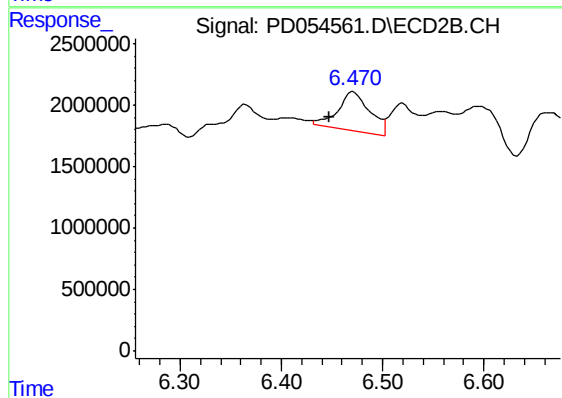
#12 4,4'-DDE

R.T.: 6.365 min  
Delta R.T.: 0.067 min  
Response: 1409929  
Conc: 1.02 ng/ml



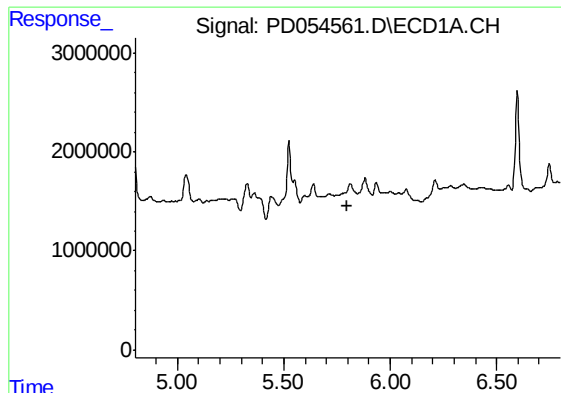
#13 Dieldrin

R.T.: 5.525 min  
Delta R.T.: -0.022 min  
Response: 2375626  
Conc: 2.54 ng/ml



#13 Dieldrin

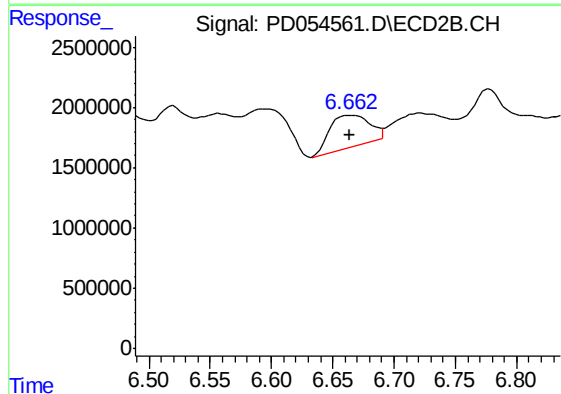
R.T.: 6.471 min  
Delta R.T.: 0.024 min  
Response: 7130143  
Conc: 5.29 ng/ml



#14 Endrin

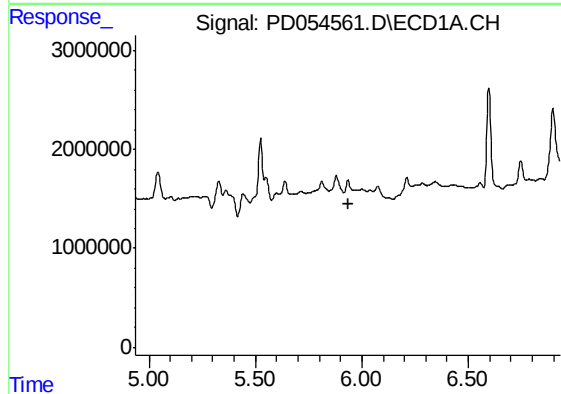
R.T.: 0.000 min  
Exp R.T. : 5.800 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0AH5



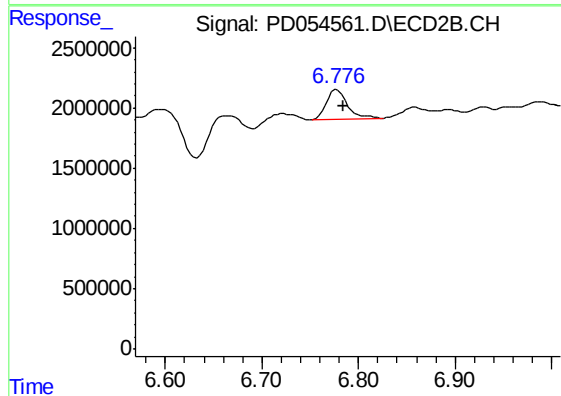
#14 Endrin

R.T.: 6.665 min  
Delta R.T.: 0.000 min  
Response: 5977249  
Conc: 5.85 ng/ml



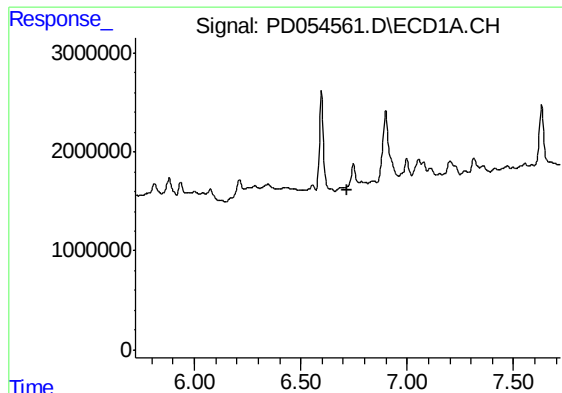
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.935 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

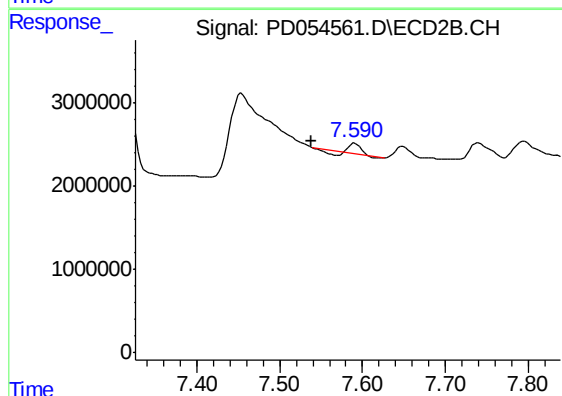
R.T.: 6.778 min  
Delta R.T.: -0.007 min  
Response: 3712314  
Conc: 3.48 ng/ml



#20 Methoxychlor

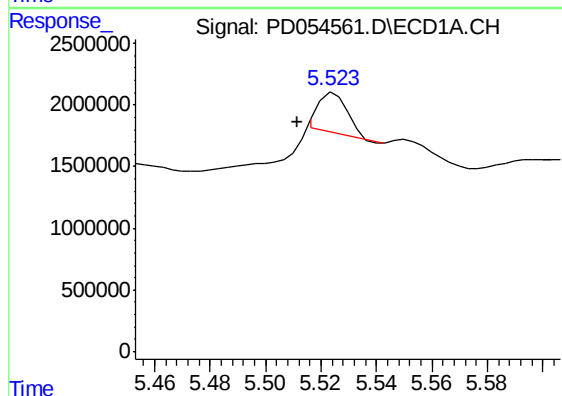
R.T.: 6.747 min  
Delta R.T.: 0.026 min  
Response: -1182153  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0AH5



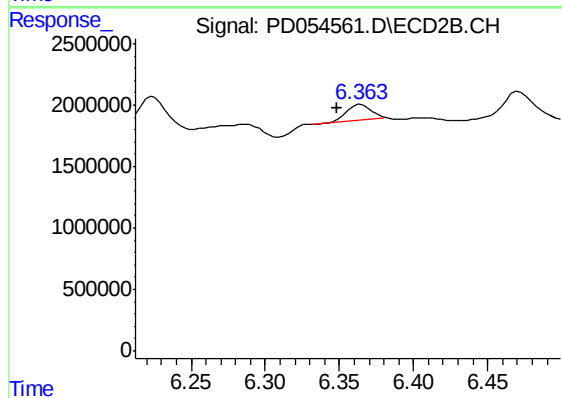
#20 Methoxychlor

R.T.: 7.591 min  
Delta R.T.: 0.053 min  
Response: 821525  
Conc: 1.57 ng/ml



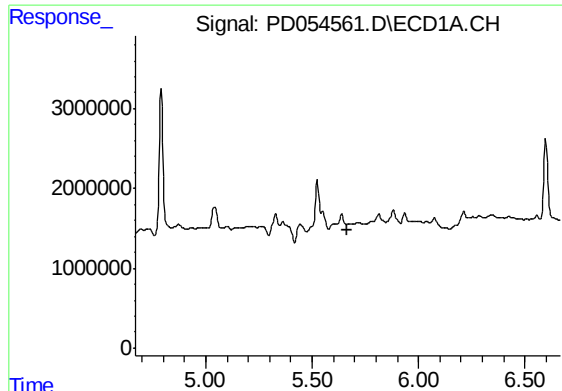
#22 Toxaphene-1

R.T.: 5.525 min  
Delta R.T.: 0.014 min  
Response: 2375626  
Conc: 452.43 ng/ml



#22 Toxaphene-1

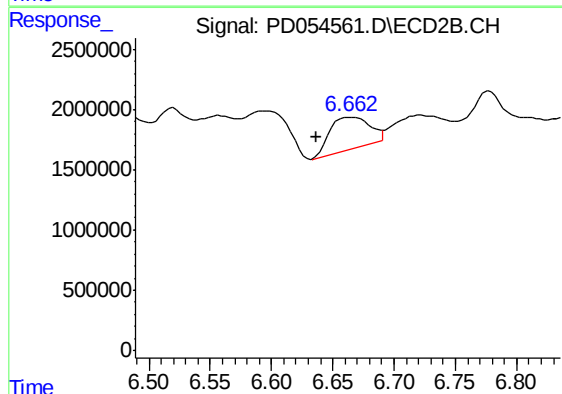
R.T.: 6.365 min  
Delta R.T.: 0.017 min  
Response: 1409929  
Conc: 222.11 ng/ml



#23 Toxaphene-2

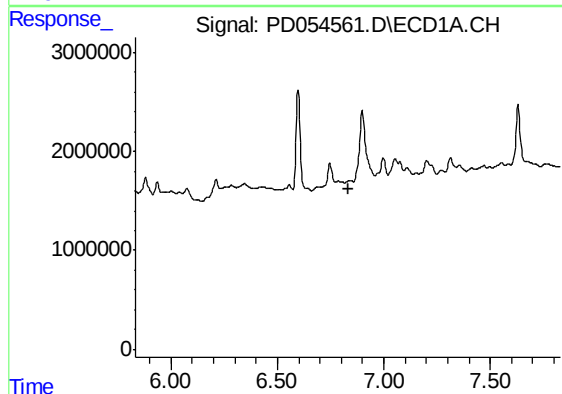
R.T.: 0.000 min  
Exp R.T.: 5.666 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0AH5



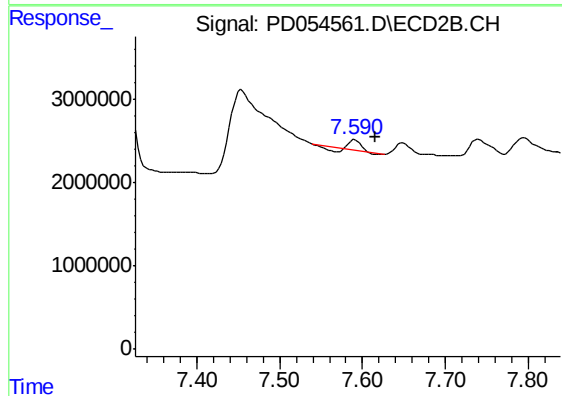
#23 Toxaphene-2

R.T.: 6.665 min  
Delta R.T.: 0.028 min  
Response: 5977249  
Conc: 729.02 ng/ml



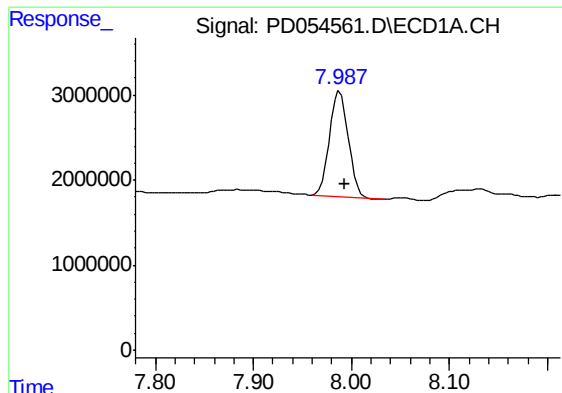
#26 Toxaphene-5

R.T.: 6.899 min  
Delta R.T.: 0.067 min  
Response: -1782296  
Conc: N.D.



#26 Toxaphene-5

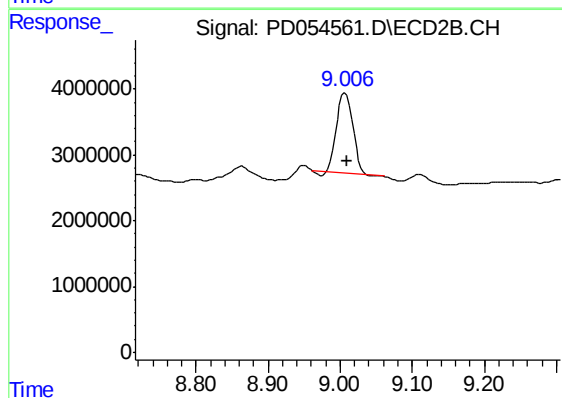
R.T.: 7.591 min  
Delta R.T.: -0.024 min  
Response: 821525  
Conc: 47.72 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.988 min  
Delta R.T.: -0.005 min  
Response: 16632613  
Conc: 24.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AH5



#27 Decachlorobiphenyl

R.T.: 9.007 min  
Delta R.T.: -0.003 min  
Response: 18860693  
Conc: 20.16 ng/ml