

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052824\  
 Data File : PD083167.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 May 2024 12:53  
 Operator : AR\AJ  
 Sample : PEM085  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM001

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 28 21:25:53 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051924CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 17 05:17:58 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

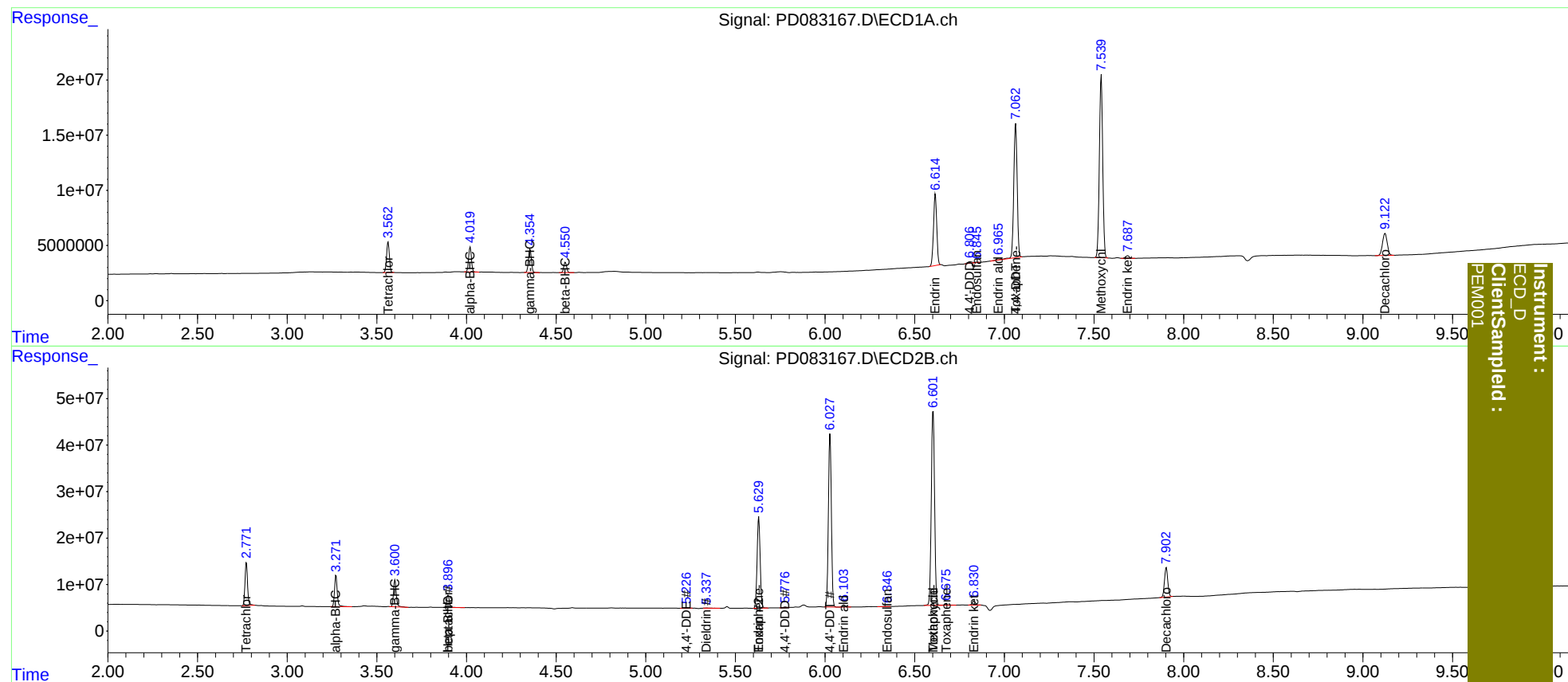
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.563  | 2.773  | 30295301 | 93657249 | 20.254   | 24.085     |
| 27)                         | SA Decachlor... | 9.124  | 7.903  | 36601628 | 81427064 | 18.261   | 20.581     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.021  | 3.272  | 24689779 | 70727564 | 9.677    | 11.378     |
| 3)                          | MA gamma-BHC... | 4.355  | 3.601  | 24298865 | 61440783 | 9.847    | 10.618     |
| 4)                          | MA Heptachlor   | 0.000  | 3.898f | 0        | 28622062 | N.D.     | 5.140      |
| 5)                          | MB Aldrin       | 0.000  | 4.230  | 0        | 550429   | N.D.     | <MDL       |
| 6)                          | B beta-BHC      | 4.552  | 3.898  | 10551624 | 28622062 | 9.726    | 11.412     |
| 8)                          | B Heptachlo...  | 0.000  | 4.685f | 0        | 17631    | N.D.     | <MDL       |
| 9)                          | A Endosulfan I  | 0.000  | 5.121  | 0        | 145970   | N.D.     | <MDL       |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.227  | 0        | 1214464  | N.D.     | 0.255      |
| 13)                         | MA Dieldrin     | 0.000  | 5.338  | 0        | 638918   | N.D.     | 0.128      |
| 14)                         | MA Endrin       | 6.615  | 5.631  | 81557041 | 232.9E6  | 45.736   | 53.244     |
| 15)                         | B Endosulfa...  | 6.847  | 5.941  | 498422   | 91795    | 0.259    | <MDL #     |
| 16)                         | A 4,4'-DDD      | 6.809f | 5.779  | 2474004  | 1697494  | 1.595    | 0.451 #    |
| 17)                         | MA 4,4'-DDT     | 7.063  | 6.028  | 159.4E6  | 430.7E6  | 99.077   | 112.173    |
| 18)                         | B Endrin al...  | 6.967  | 6.105  | 1559522  | 6150836  | 1.123    | 1.950 #    |
| 19)                         | B Endosulfa...  | 0.000  | 6.348  | 0        | 715823   | N.D.     | 0.178      |
| 20)                         | A Methoxychlor  | 7.541  | 6.603  | 214.7E6  | 533.3E6  | 248.147  | 271.758    |
| 21)                         | B Endrin ke...  | 7.688  | 6.831  | 3010339  | 10820513 | 1.597    | 2.406 #    |
| 23)                         | Toxaphene-2     | 0.000  | 5.631f | 0        | 232.9E6  | N.D.     | 8158.485   |
| 24)                         | Toxaphene-3     | 7.063f | 6.603  | 159.4E6  | 533.3E6  | 3021.333 | 5710.681 # |
| 25)                         | Toxaphene-4     | 0.000  | 6.677f | 0        | 3434397  | N.D.     | 26.913     |
| -----                       |                 |        |        |          |          |          |            |

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

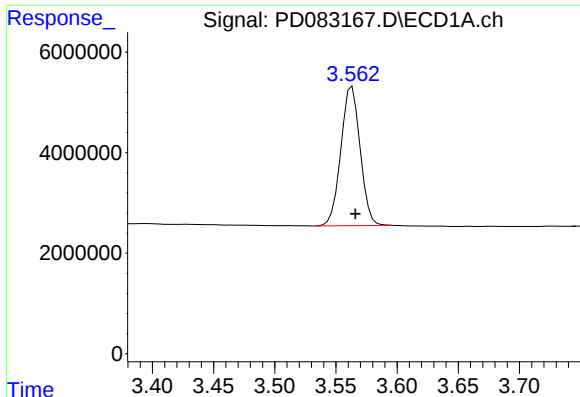
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052824\  
Data File : PD083167.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 May 2024 12:53  
Operator : AR\AJ  
Sample : PEM085  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 28 21:25:53 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051924CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri May 17 05:17:58 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



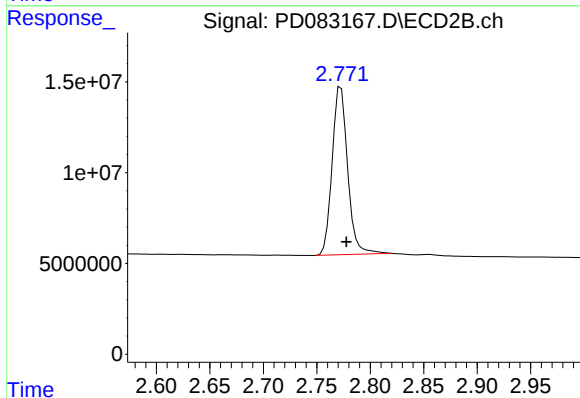
Instrument :  
ECD\_D  
ClientSampled :  
PEM001



#1 Tetrachloro-m-xylene

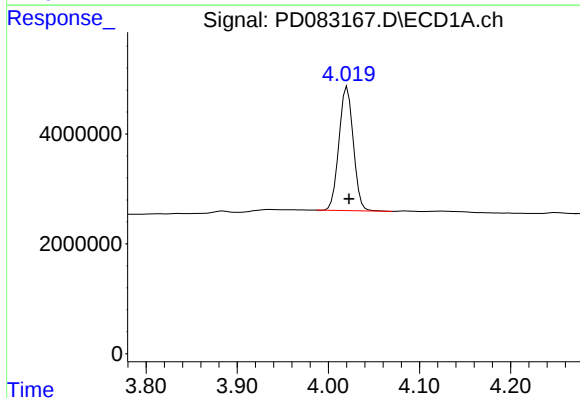
R.T.: 3.563 min  
Delta R.T.: -0.003 min  
Response: 30295301  
Conc: 20.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM001



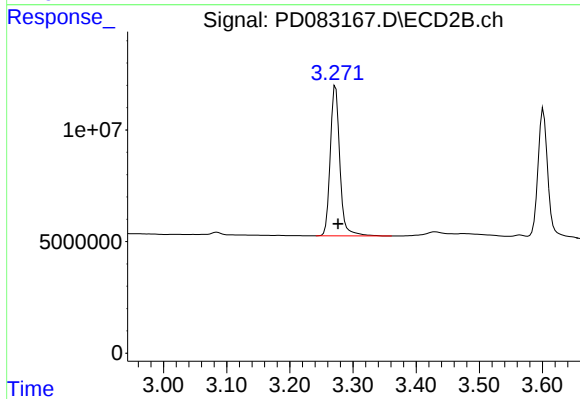
#1 Tetrachloro-m-xylene

R.T.: 2.773 min  
Delta R.T.: -0.005 min  
Response: 93657249  
Conc: 24.08 ng/ml



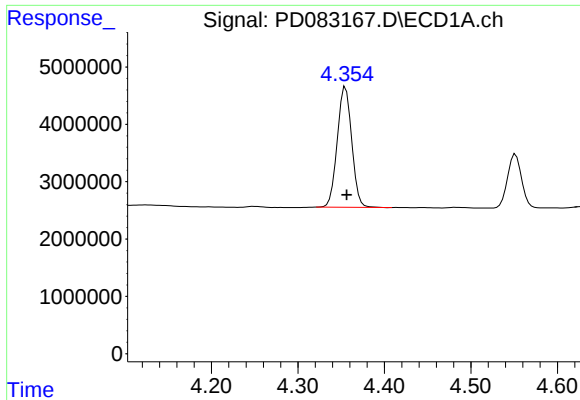
#2 alpha-BHC

R.T.: 4.021 min  
Delta R.T.: -0.002 min  
Response: 24689779  
Conc: 9.68 ng/ml



#2 alpha-BHC

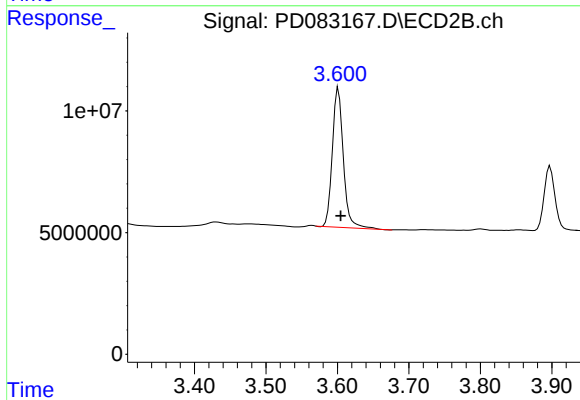
R.T.: 3.272 min  
Delta R.T.: -0.004 min  
Response: 70727564  
Conc: 11.38 ng/ml



#3 gamma-BHC (Lindane)

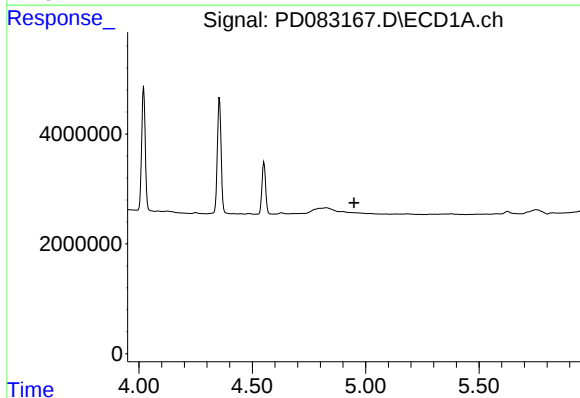
R.T.: 4.355 min  
Delta R.T.: -0.001 min  
Response: 24298865  
Conc: 9.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM001



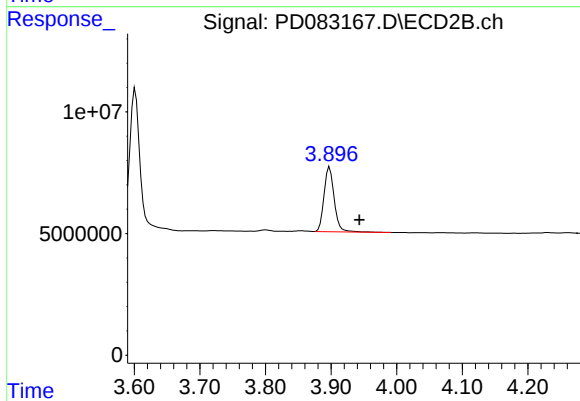
#3 gamma-BHC (Lindane)

R.T.: 3.601 min  
Delta R.T.: -0.003 min  
Response: 61440783  
Conc: 10.62 ng/ml



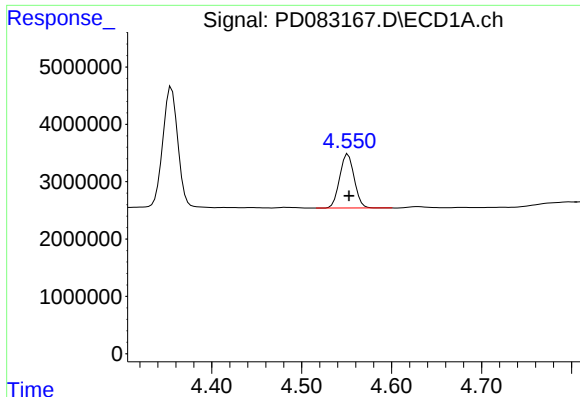
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.949 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

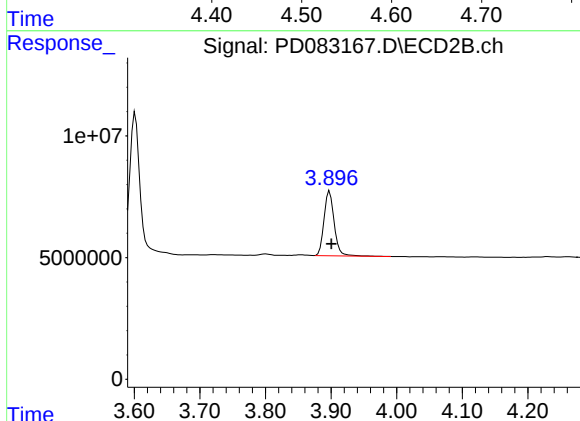
R.T.: 3.898 min  
Delta R.T.: -0.046 min  
Response: 28622062  
Conc: 5.14 ng/ml



#6 beta-BHC

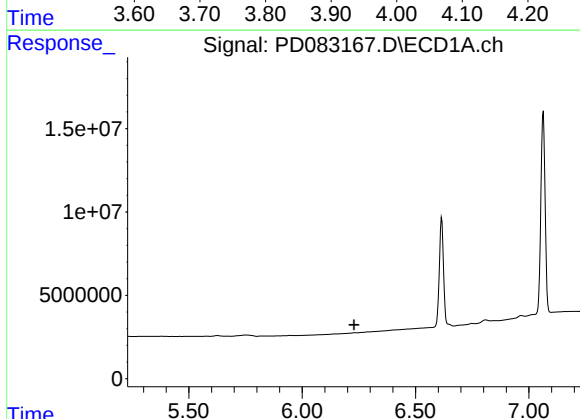
R.T.: 4.552 min  
Delta R.T.: 0.000 min  
Response: 10551624  
Conc: 9.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM001



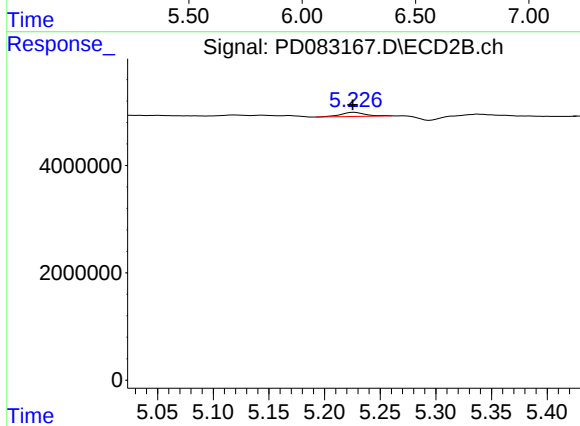
#6 beta-BHC

R.T.: 3.898 min  
Delta R.T.: -0.003 min  
Response: 28622062  
Conc: 11.41 ng/ml



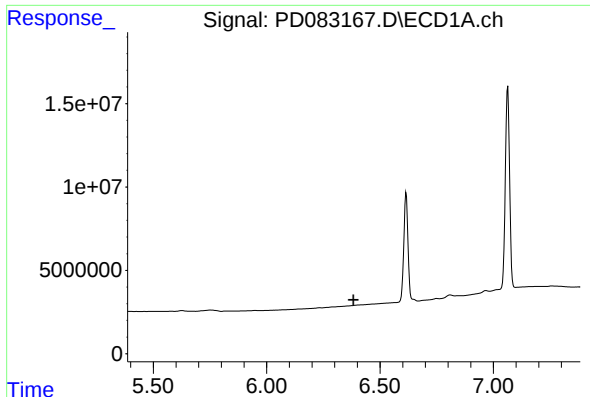
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.229 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

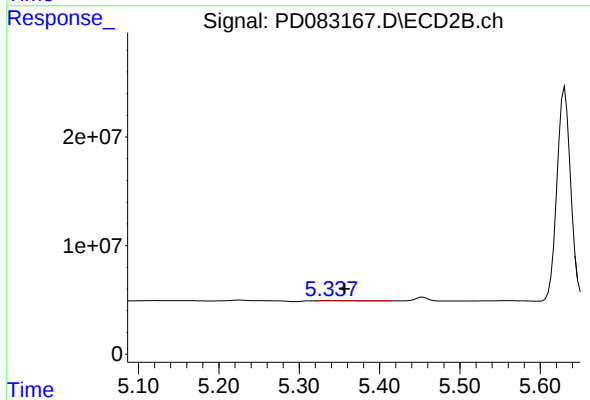
R.T.: 5.227 min  
Delta R.T.: 0.002 min  
Response: 1214464  
Conc: 0.25 ng/ml



#13 Dieldrin

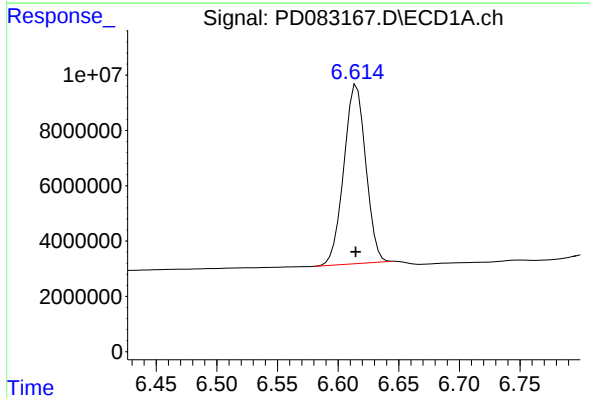
R.T.: 0.000 min  
Exp R.T.: 6.384 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM001



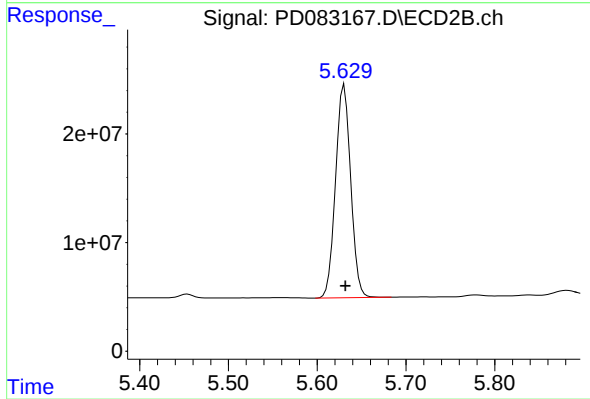
#13 Dieldrin

R.T.: 5.338 min  
Delta R.T.: -0.019 min  
Response: 638918  
Conc: 0.13 ng/ml



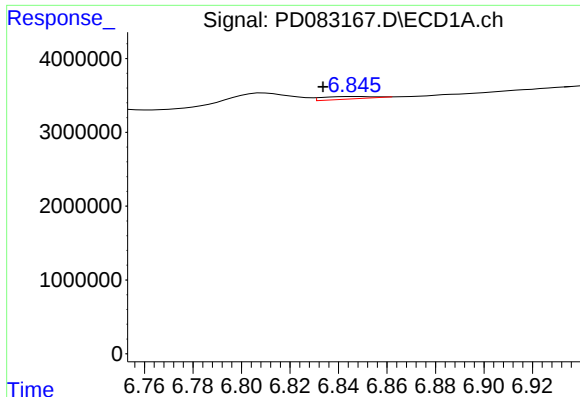
#14 Endrin

R.T.: 6.615 min  
Delta R.T.: 0.000 min  
Response: 81557041  
Conc: 45.74 ng/ml



#14 Endrin

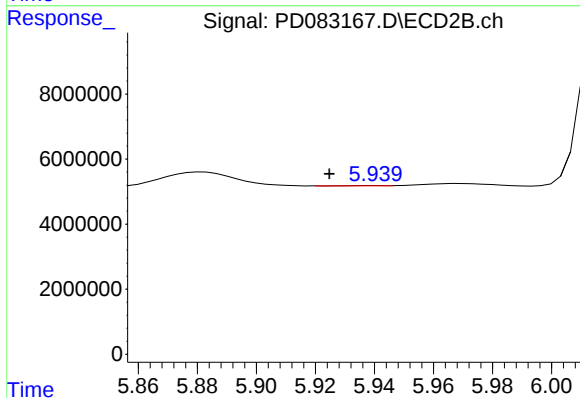
R.T.: 5.631 min  
Delta R.T.: -0.001 min  
Response: 232870877  
Conc: 53.24 ng/ml



#15 Endosulfan II

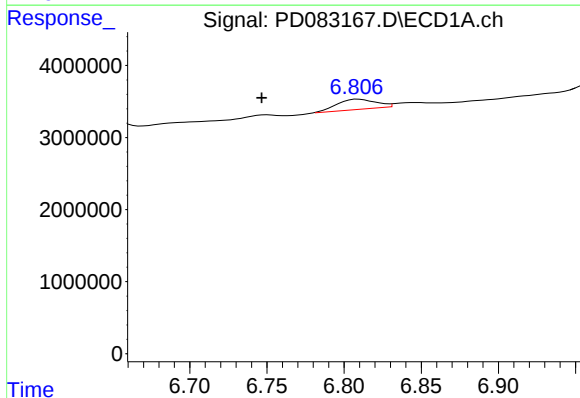
R.T.: 6.847 min  
Delta R.T.: 0.013 min  
Response: 498422  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM001



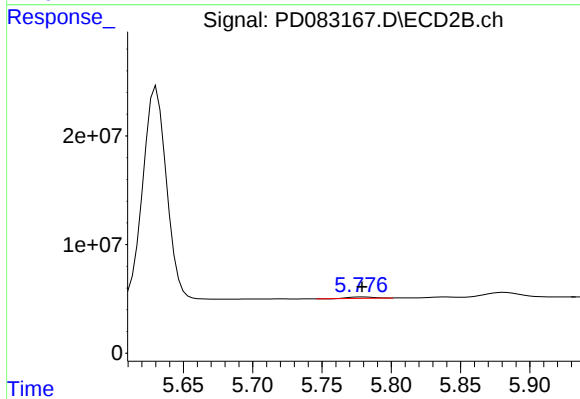
#15 Endosulfan II

R.T.: 5.941 min  
Delta R.T.: 0.016 min  
Response: 91795  
Conc: N.D.



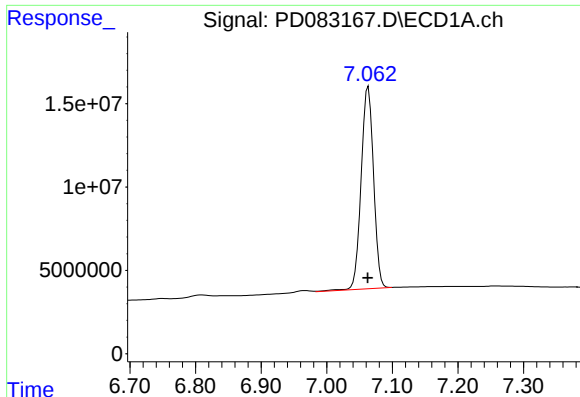
#16 4,4'-DDD

R.T.: 6.809 min  
Delta R.T.: 0.063 min  
Response: 2474004  
Conc: 1.60 ng/ml



#16 4,4'-DDD

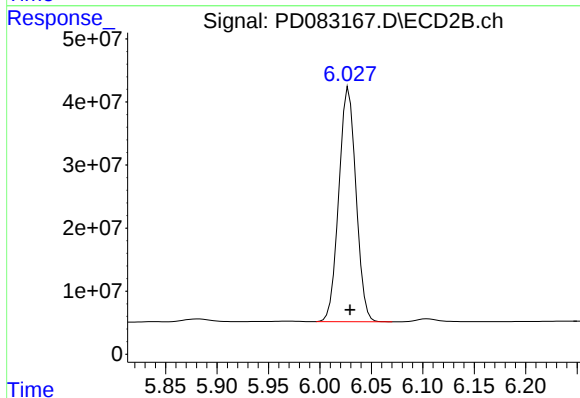
R.T.: 5.779 min  
Delta R.T.: 0.000 min  
Response: 1697494  
Conc: 0.45 ng/ml



#17 4,4'-DDT

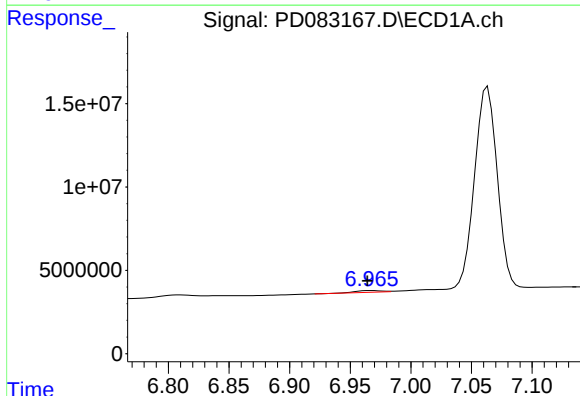
R.T.: 7.063 min  
Delta R.T.: 0.000 min  
Response: 159351467  
Conc: 99.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM001



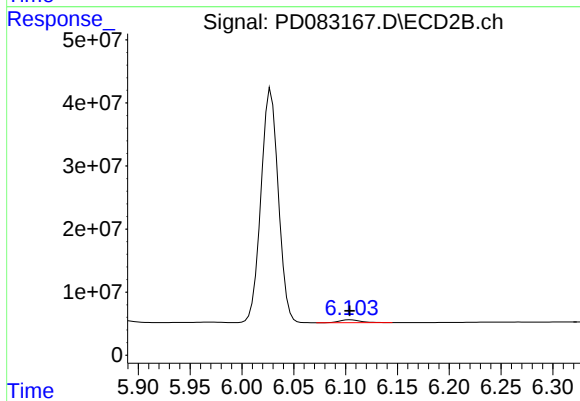
#17 4,4'-DDT

R.T.: 6.028 min  
Delta R.T.: -0.001 min  
Response: 430711500  
Conc: 112.17 ng/ml



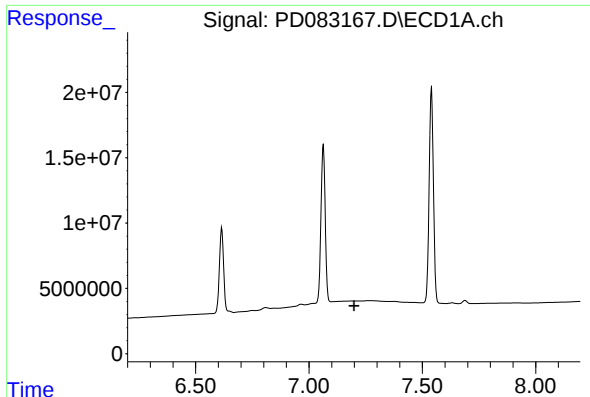
#18 Endrin aldehyde

R.T.: 6.967 min  
Delta R.T.: 0.003 min  
Response: 1559522  
Conc: 1.12 ng/ml



#18 Endrin aldehyde

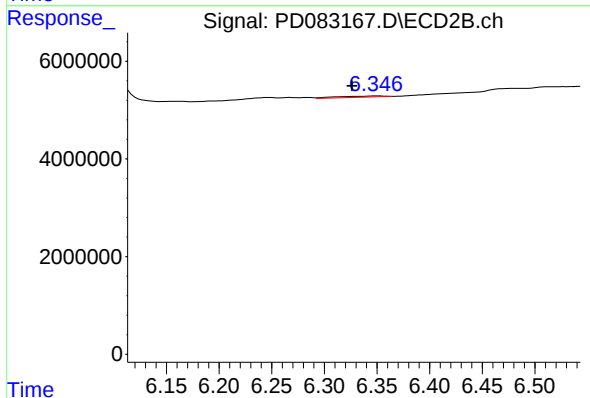
R.T.: 6.105 min  
Delta R.T.: 0.000 min  
Response: 6150836  
Conc: 1.95 ng/ml



#19 Endosulfan Sulfate

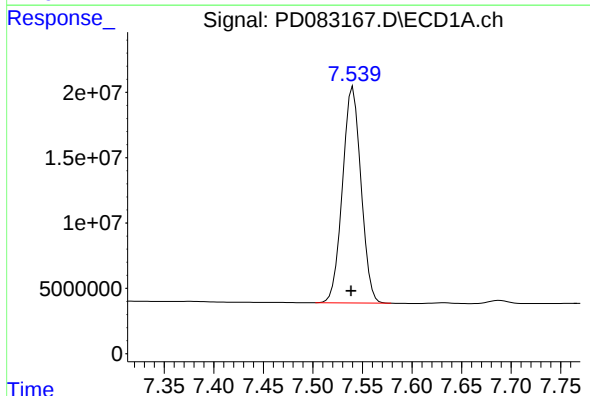
R.T.: 0.000 min  
Exp R.T.: 7.200 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM001



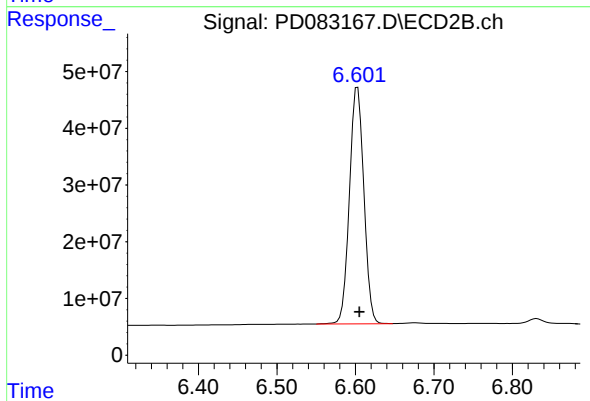
#19 Endosulfan Sulfate

R.T.: 6.348 min  
Delta R.T.: 0.022 min  
Response: 715823  
Conc: 0.18 ng/ml



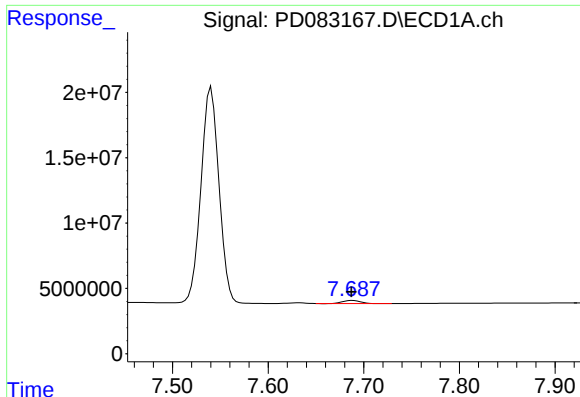
#20 Methoxychlor

R.T.: 7.541 min  
Delta R.T.: 0.002 min  
Response: 214669876  
Conc: 248.15 ng/ml



#20 Methoxychlor

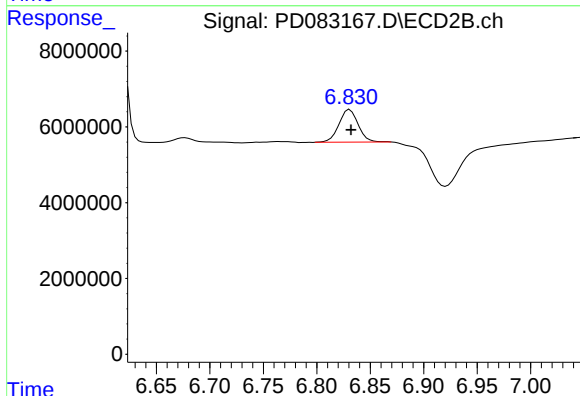
R.T.: 6.603 min  
Delta R.T.: -0.002 min  
Response: 533255437  
Conc: 271.76 ng/ml



#21 Endrin ketone

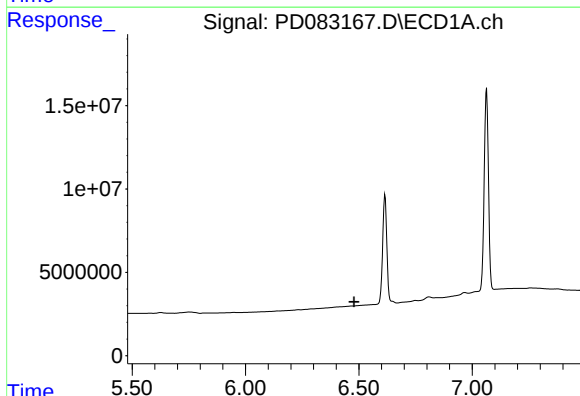
R.T.: 7.688 min  
Delta R.T.: 0.001 min  
Response: 3010339  
Conc: 1.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM001



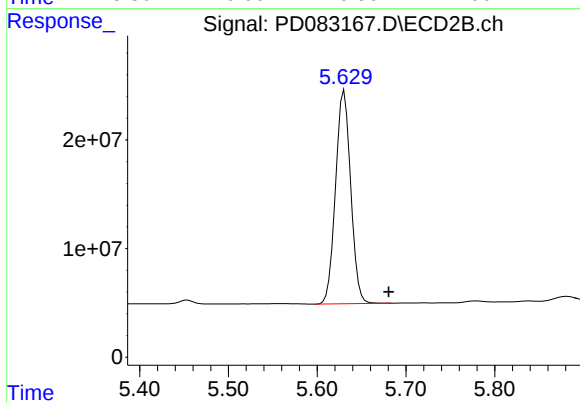
#21 Endrin ketone

R.T.: 6.831 min  
Delta R.T.: -0.001 min  
Response: 10820513  
Conc: 2.41 ng/ml



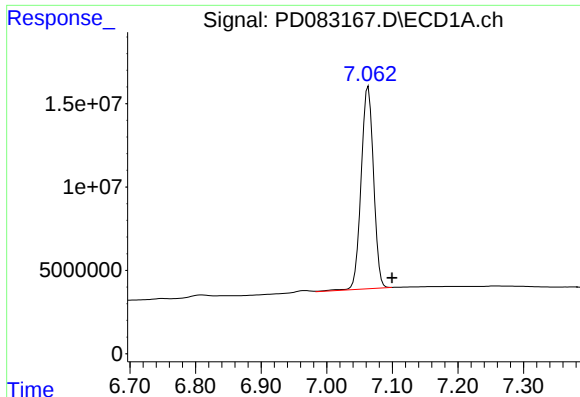
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T. : 6.480 min  
Response: 0  
Conc: N.D.



#23 Toxaphene-2

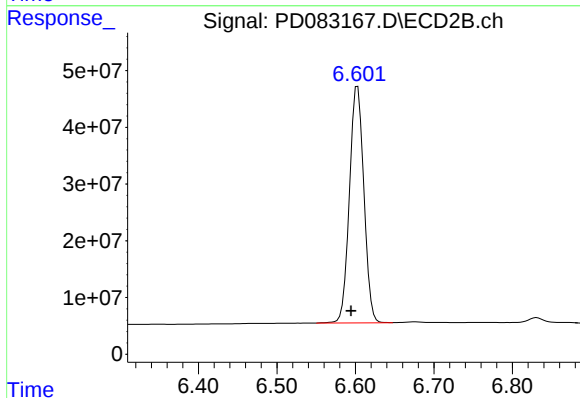
R.T.: 5.631 min  
Delta R.T.: -0.050 min  
Response: 232870877  
Conc: 8158.49 ng/ml



#24 Toxaphene-3

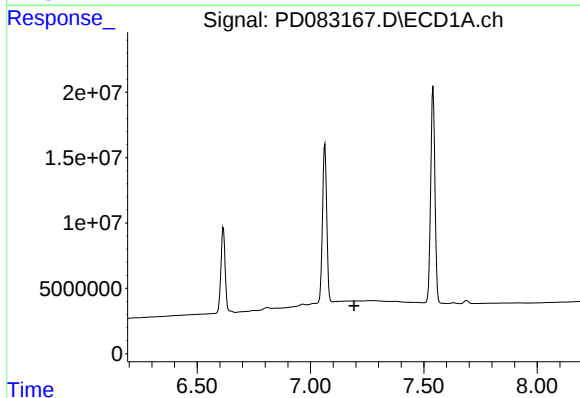
R.T.: 7.063 min  
Delta R.T.: -0.036 min  
Response: 159351467  
Conc: 3021.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM001



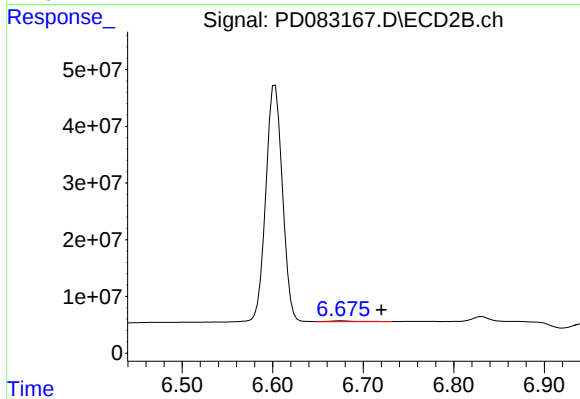
#24 Toxaphene-3

R.T.: 6.603 min  
Delta R.T.: 0.008 min  
Response: 533255437  
Conc: 5710.68 ng/ml



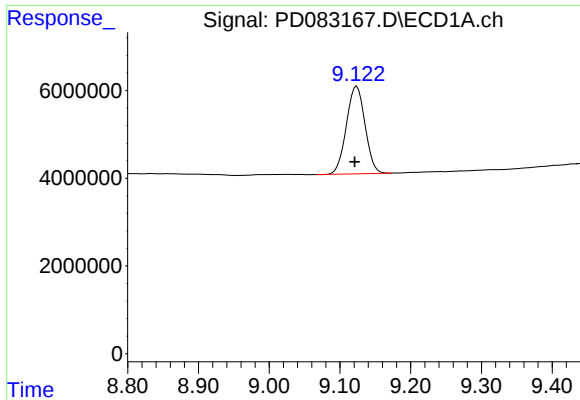
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.192 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

R.T.: 6.677 min  
Delta R.T.: -0.044 min  
Response: 3434397  
Conc: 26.91 ng/ml



#27 Decachlorobiphenyl

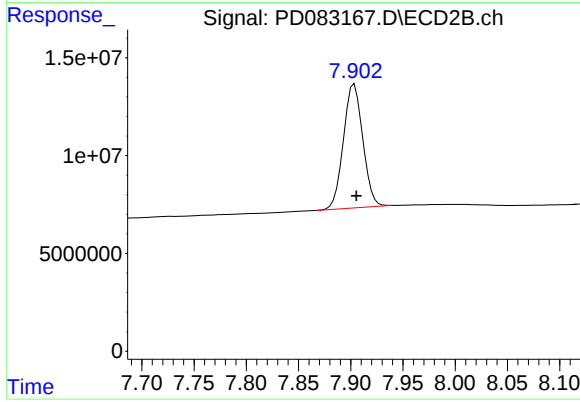
R.T.: 9.124 min

Delta R.T.: 0.003 min

Response: 36601628

Conc: 18.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM001



#27 Decachlorobiphenyl

R.T.: 7.903 min

Delta R.T.: -0.002 min

Response: 81427064

Conc: 20.58 ng/ml