

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022024\  
 Data File : PD081513.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Feb 2024 17:48  
 Operator : AR\AJ  
 Sample : PEM109  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM120

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 19 20:34:45 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD021324CLP-TCLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 14 00:57:42 2024  
 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

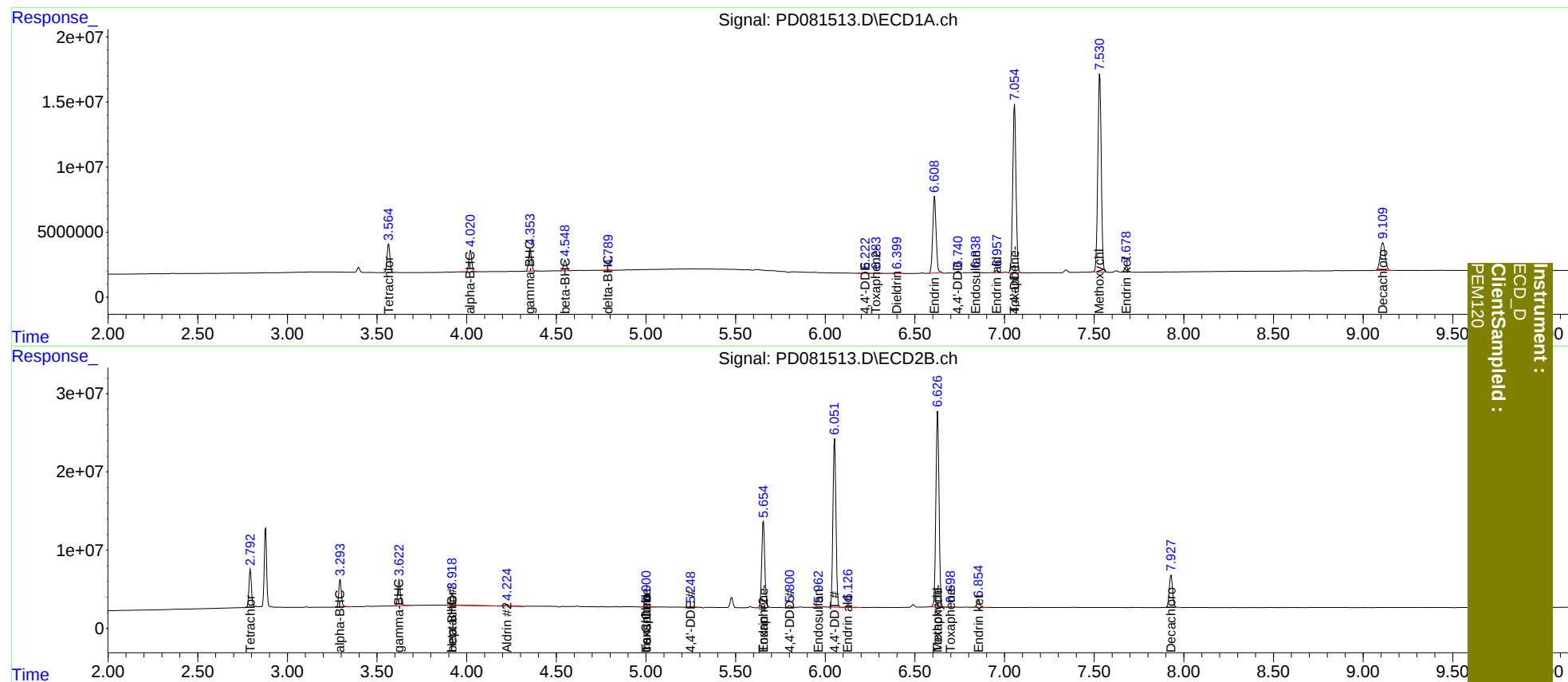
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.565  | 2.793  | 24376935 | 46468191 | 17.773   | 18.745     |
| 27)                         | SA Decachlor... | 9.110  | 7.929  | 40351268 | 53946381 | 20.969   | 20.968     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.021  | 3.295  | 18631337 | 36489386 | 7.807    | 9.040      |
| 3)                          | MA gamma-BHC... | 4.355  | 3.624  | 18922325 | 34144855 | 8.035    | 9.059      |
| 4)                          | MA Heptachlor   | 4.902f | 3.919f | 115255   | 18705099 | <MDL     | 5.190 #    |
| 5)                          | MB Aldrin       | 0.000  | 4.225  | 0        | 3518743  | N.D.     | 0.977      |
| 6)                          | B beta-BHC      | 4.549  | 3.919  | 9113212  | 18705099 | 8.670    | 10.871 #   |
| 7)                          | B delta-BHC     | 4.790  | 0.000  | 508213   | 0        | 0.206    | N.D. #     |
| 10)                         | B trans-Chl...  | 0.000  | 5.002  | 0        | 445478   | N.D.     | 0.137      |
| 11)                         | B cis-Chlor...  | 0.000  | 5.002f | 0        | 445478   | N.D.     | 0.136      |
| 12)                         | B 4,4'-DDE      | 6.223  | 5.249  | 276403   | 803291   | 0.130    | 0.258 #    |
| 13)                         | MA Dieldrin     | 6.400  | 0.000  | 861635   | 0        | 0.374    | N.D. #     |
| 14)                         | MA Endrin       | 6.610  | 5.655  | 76804332 | 131.0E6  | 41.137   | 44.422     |
| 15)                         | B Endosulfa...  | 6.840  | 5.963  | 1142451  | 408467   | 0.584    | 0.142 #    |
| 16)                         | A 4,4'-DDD      | 6.741  | 5.802  | 1524235  | 2812985  | 0.900    | 1.061      |
| 17)                         | MA 4,4'-DDT     | 7.056  | 6.052  | 164.0E6  | 249.1E6  | 91.047   | 91.824     |
| 18)                         | B Endrin al...  | 6.958  | 6.128  | 2580788  | 4841878  | 1.711    | 2.160 #    |
| 19)                         | B Endosulfa...  | 0.000  | 6.339  | 0        | 103317   | N.D.     | <MDL       |
| 20)                         | A Methoxychlor  | 7.531  | 6.627  | 202.6E6  | 304.0E6  | 214.464  | 226.497    |
| 21)                         | B Endrin ke...  | 7.679  | 6.855  | 5322736  | 10205196 | 2.641    | 3.262      |
| 22)                         | Toxaphene-1     | 6.285  | 5.002  | 316722   | 445478   | 20.039   | 25.649 #   |
| 23)                         | Toxaphene-2     | 6.541f | 5.655f | -215970  | 131.0E6  | N.D.     | 6910.240   |
| 24)                         | Toxaphene-3     | 7.056f | 6.627  | 164.0E6  | 304.0E6  | 2852.137 | 4823.931 # |
| 25)                         | Toxaphene-4     | 0.000  | 6.700f | 0        | 321438   | N.D.     | 3.791      |
| -----                       |                 |        |        |          |          |          |            |

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

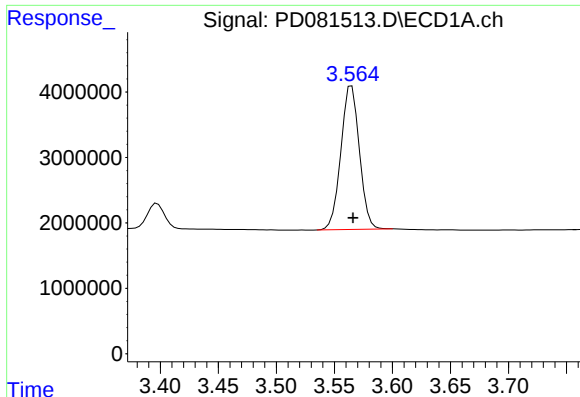
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022024\  
Data File : PD081513.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Feb 2024 17:48  
Operator : AR\AJ  
Sample : PEM109  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 19 20:34:45 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD021324CLP-TCLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Feb 14 00:57:42 2024  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



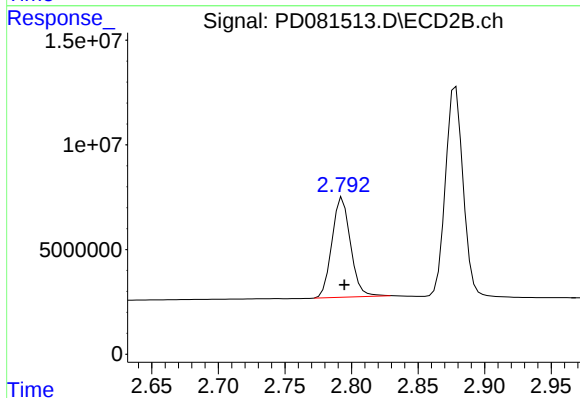
Instrument :  
ECD\_D  
ClientSampled :  
PEM120



#1 Tetrachloro-m-xylene

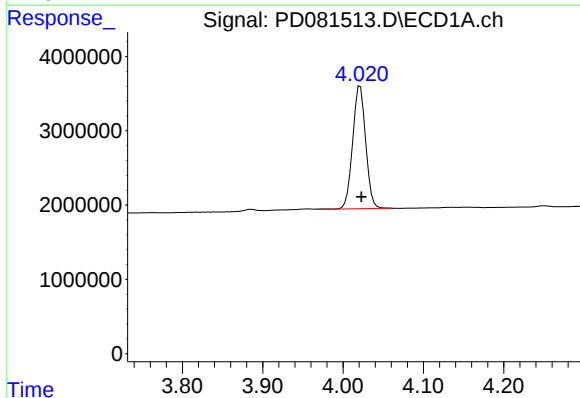
R.T.: 3.565 min  
Delta R.T.: -0.001 min  
Response: 24376935  
Conc: 17.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM120



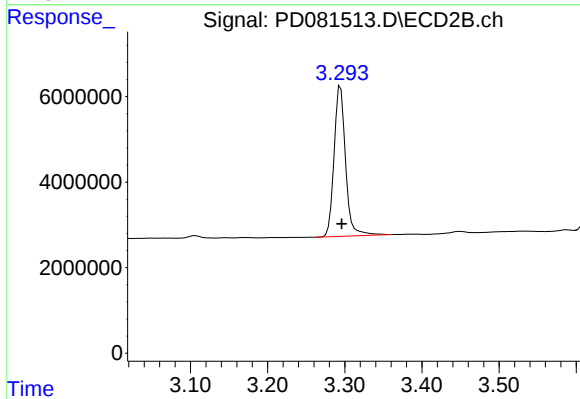
#1 Tetrachloro-m-xylene

R.T.: 2.793 min  
Delta R.T.: -0.001 min  
Response: 46468191  
Conc: 18.75 ng/ml



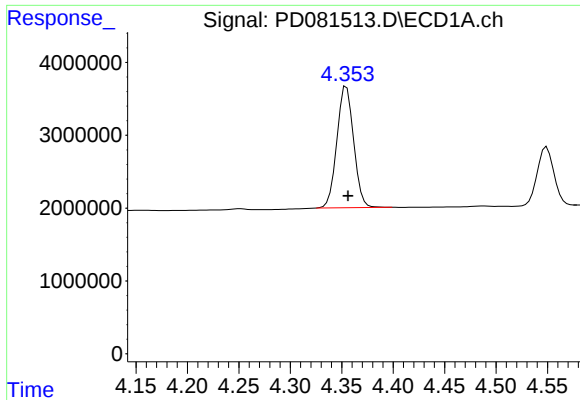
#2 alpha-BHC

R.T.: 4.021 min  
Delta R.T.: -0.001 min  
Response: 18631337  
Conc: 7.81 ng/ml



#2 alpha-BHC

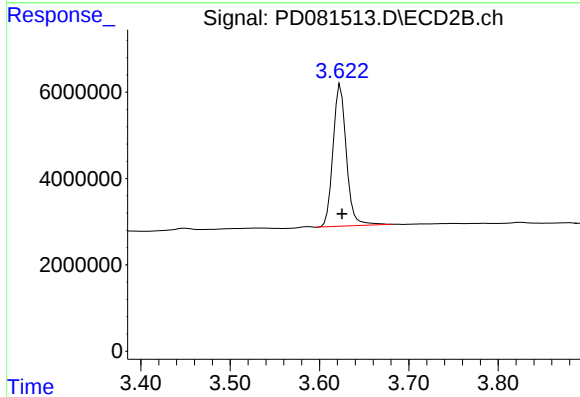
R.T.: 3.295 min  
Delta R.T.: -0.001 min  
Response: 36489386  
Conc: 9.04 ng/ml



#3 gamma-BHC (Lindane)

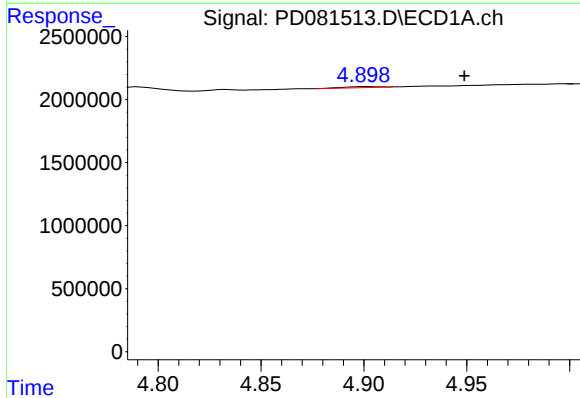
R.T.: 4.355 min  
Delta R.T.: -0.002 min  
Response: 18922325  
Conc: 8.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM120



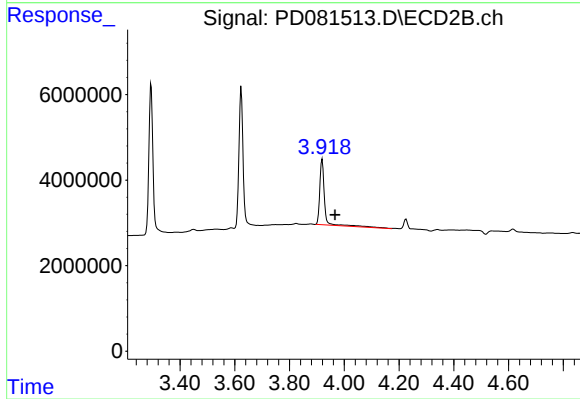
#3 gamma-BHC (Lindane)

R.T.: 3.624 min  
Delta R.T.: -0.002 min  
Response: 34144855  
Conc: 9.06 ng/ml



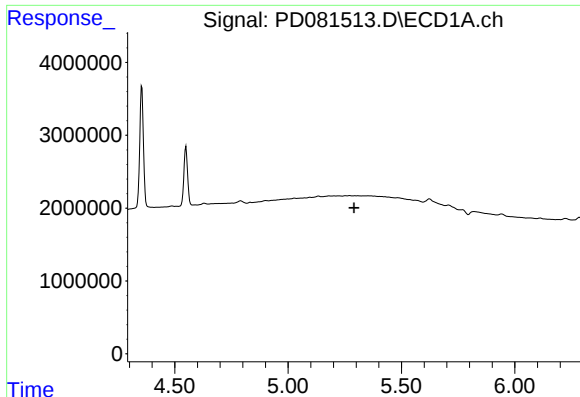
#4 Heptachlor

R.T.: 4.902 min  
Delta R.T.: -0.047 min  
Response: 115255  
Conc: N.D.



#4 Heptachlor

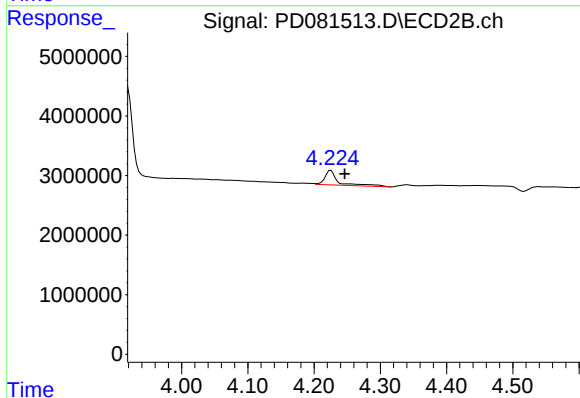
R.T.: 3.919 min  
Delta R.T.: -0.047 min  
Response: 18705099  
Conc: 5.19 ng/ml



#5 Aldrin

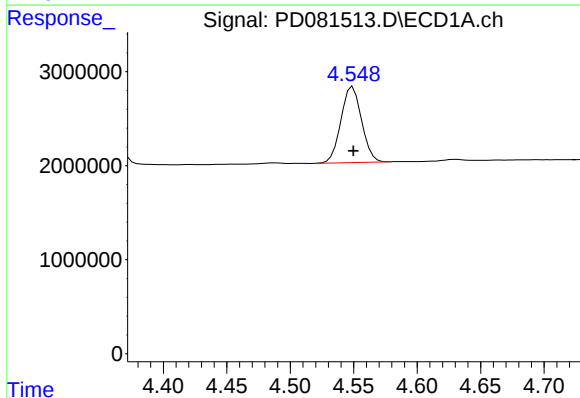
R.T.: 0.000 min  
Exp R.T.: 5.292 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM120



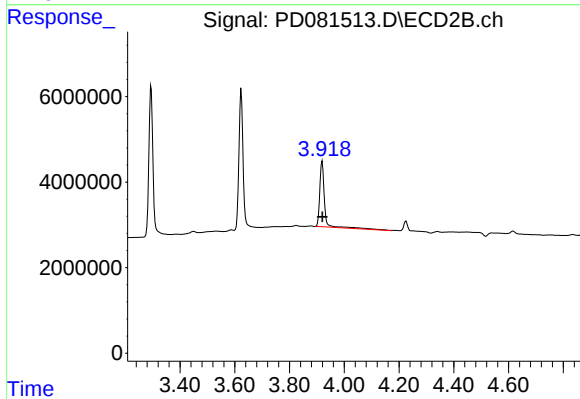
#5 Aldrin

R.T.: 4.225 min  
Delta R.T.: -0.021 min  
Response: 3518743  
Conc: 0.98 ng/ml



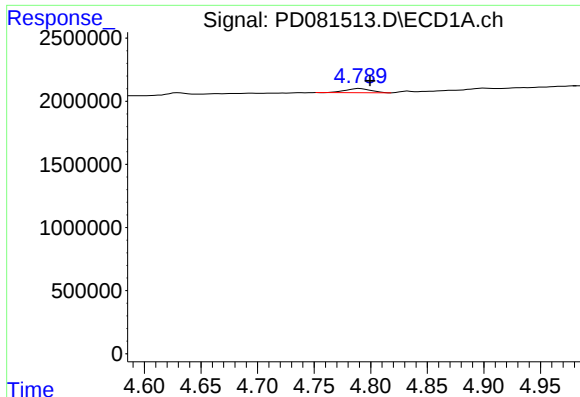
#6 beta-BHC

R.T.: 4.549 min  
Delta R.T.: 0.000 min  
Response: 9113212  
Conc: 8.67 ng/ml



#6 beta-BHC

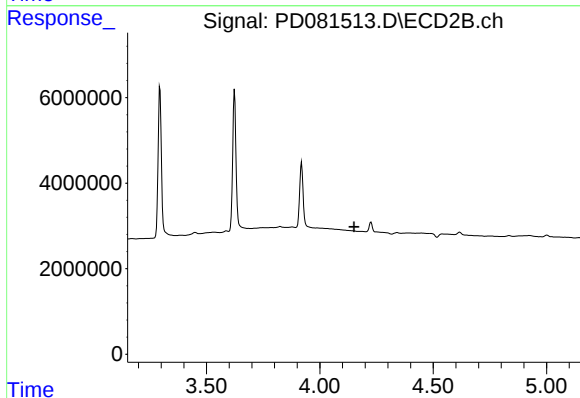
R.T.: 3.919 min  
Delta R.T.: 0.000 min  
Response: 18705099  
Conc: 10.87 ng/ml



#7 delta-BHC

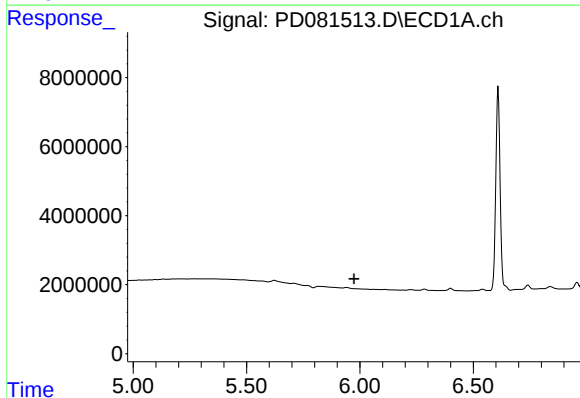
R.T.: 4.790 min  
Delta R.T.: -0.009 min  
Response: 508213  
Conc: 0.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM120



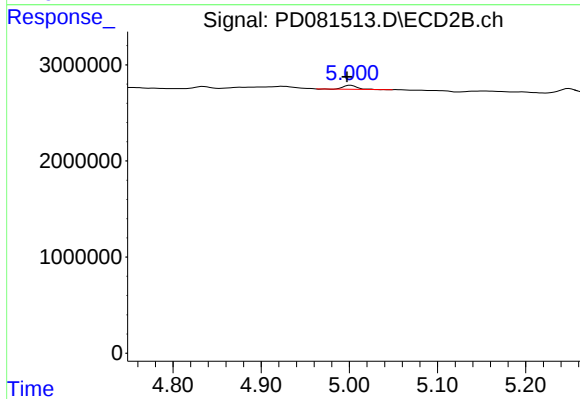
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.151 min  
Response: 0  
Conc: N.D.



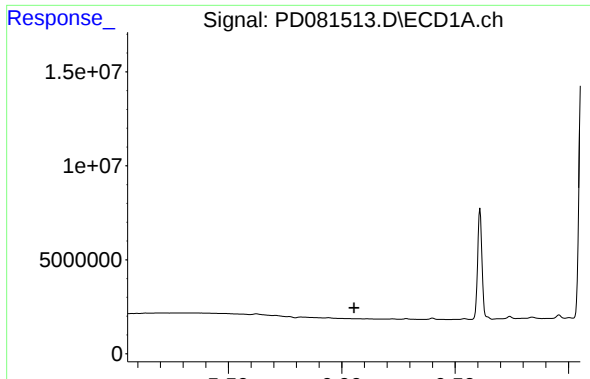
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.975 min  
Response: 0  
Conc: N.D.



#10 trans-Chlordane

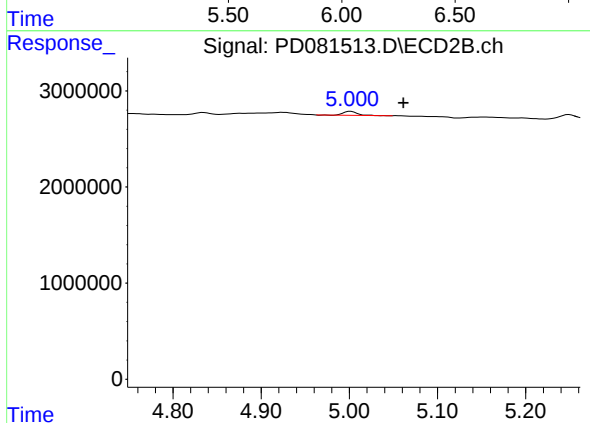
R.T.: 5.002 min  
Delta R.T.: 0.004 min  
Response: 445478  
Conc: 0.14 ng/ml



#11 cis-Chlordane

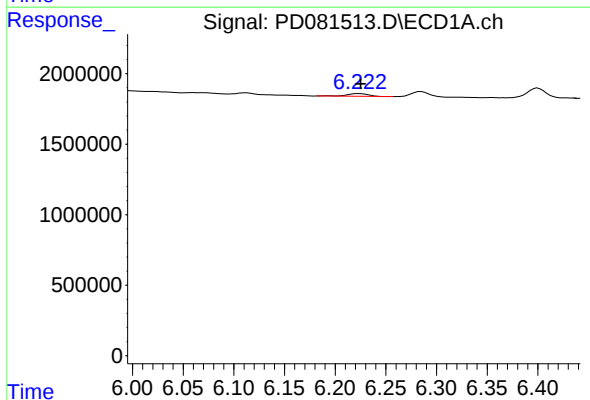
R.T.: 0.000 min  
Exp R.T.: 6.054 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM120



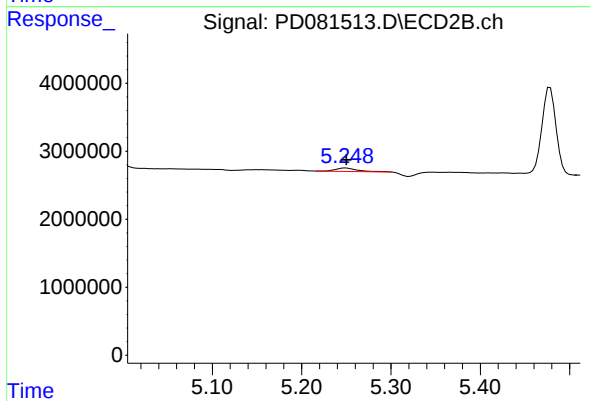
#11 cis-Chlordane

R.T.: 5.002 min  
Delta R.T.: -0.060 min  
Response: 445478  
Conc: 0.14 ng/ml



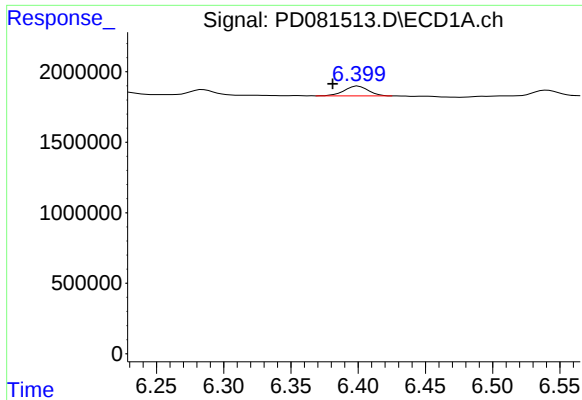
#12 4,4'-DDE

R.T.: 6.223 min  
Delta R.T.: -0.002 min  
Response: 276403  
Conc: 0.13 ng/ml



#12 4,4'-DDE

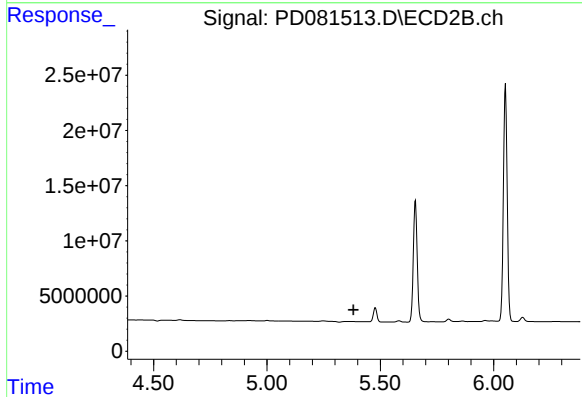
R.T.: 5.249 min  
Delta R.T.: 0.000 min  
Response: 803291  
Conc: 0.26 ng/ml



#13 Dieldrin

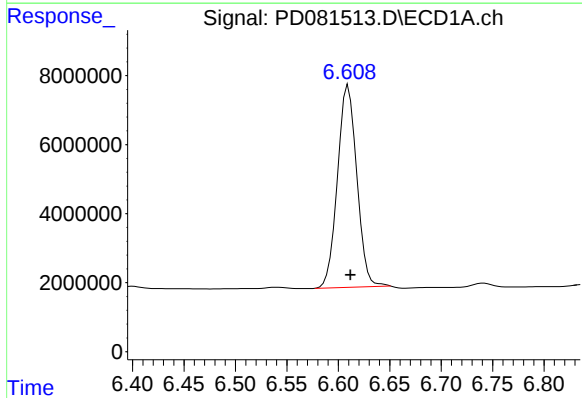
R.T.: 6.400 min  
Delta R.T.: 0.019 min  
Response: 861635  
Conc: 0.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM120



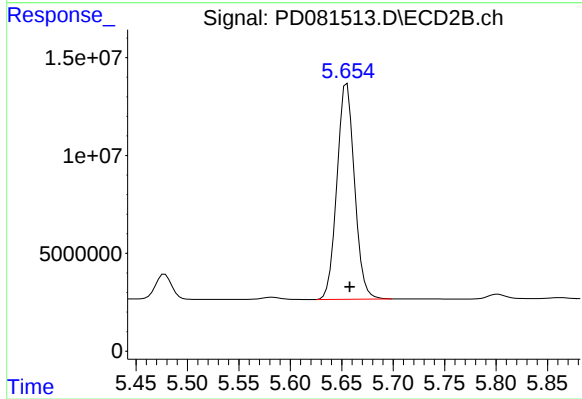
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 5.382 min  
Response: 0  
Conc: N.D.



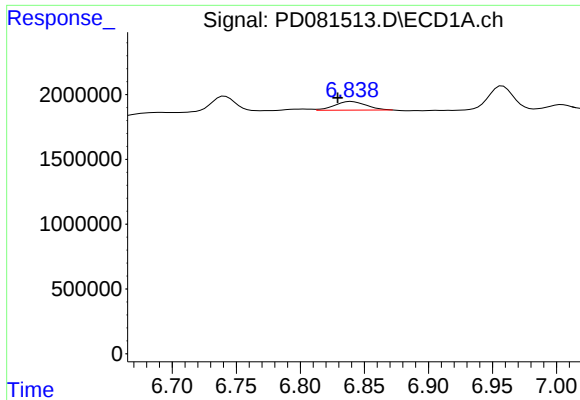
#14 Endrin

R.T.: 6.610 min  
Delta R.T.: -0.002 min  
Response: 76804332  
Conc: 41.14 ng/ml



#14 Endrin

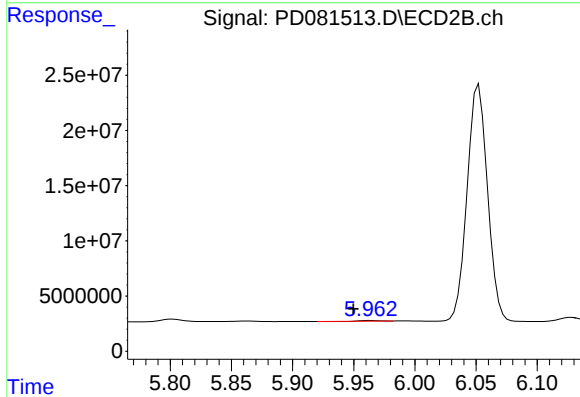
R.T.: 5.655 min  
Delta R.T.: -0.003 min  
Response: 131019427  
Conc: 44.42 ng/ml



#15 Endosulfan II

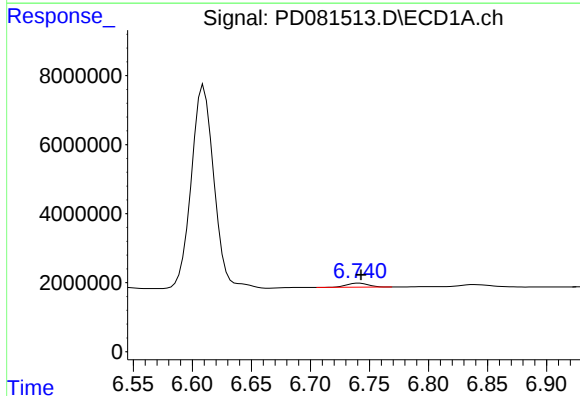
R.T.: 6.840 min  
Delta R.T.: 0.010 min  
Response: 1142451  
Conc: 0.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM120



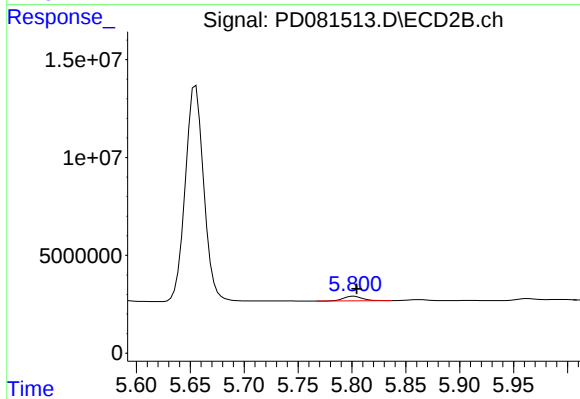
#15 Endosulfan II

R.T.: 5.963 min  
Delta R.T.: 0.014 min  
Response: 408467  
Conc: 0.14 ng/ml



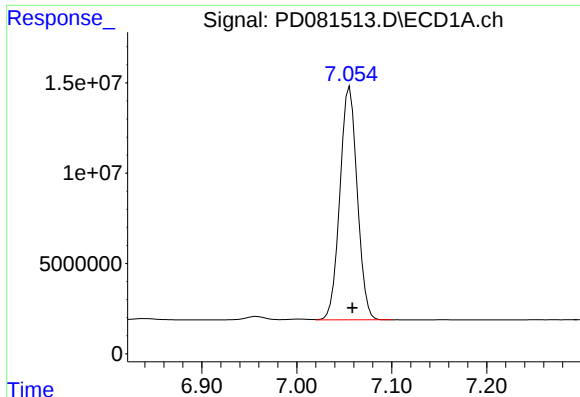
#16 4,4'-DDD

R.T.: 6.741 min  
Delta R.T.: -0.002 min  
Response: 1524235  
Conc: 0.90 ng/ml



#16 4,4'-DDD

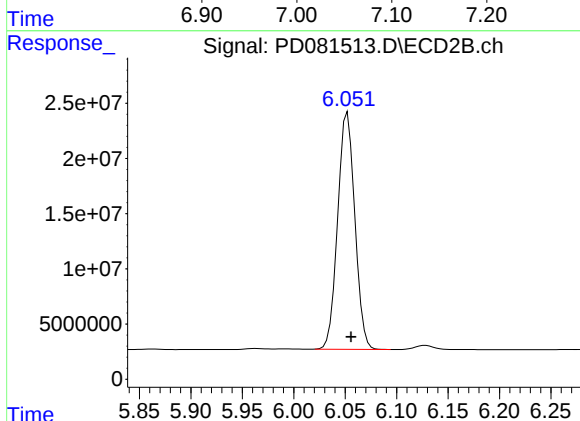
R.T.: 5.802 min  
Delta R.T.: -0.002 min  
Response: 2812985  
Conc: 1.06 ng/ml



#17 4,4'-DDT

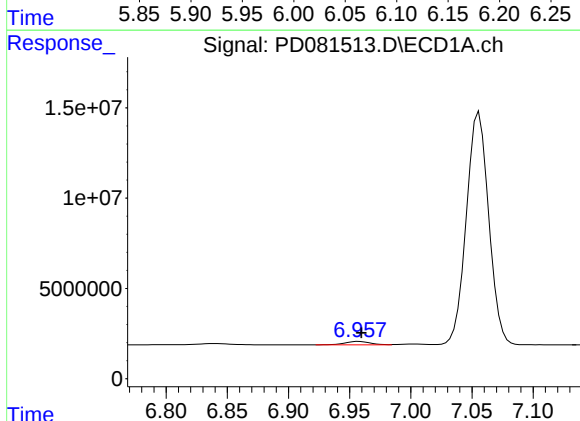
R.T.: 7.056 min  
Delta R.T.: -0.003 min  
Response: 163991656  
Conc: 91.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM120



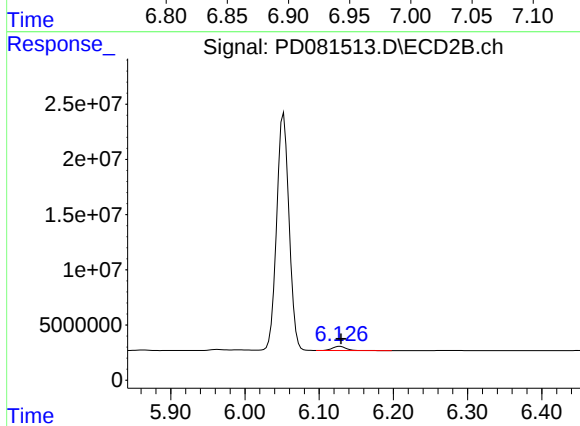
#17 4,4'-DDT

R.T.: 6.052 min  
Delta R.T.: -0.003 min  
Response: 249144117  
Conc: 91.82 ng/ml



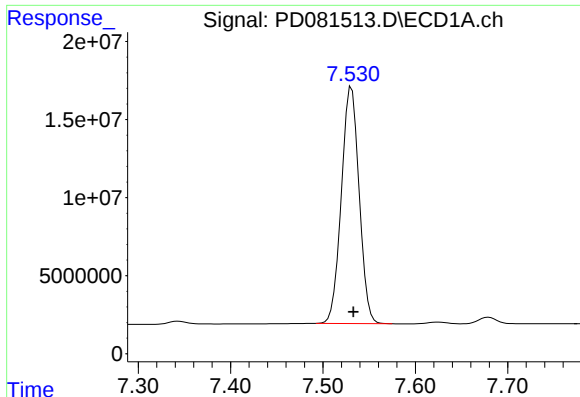
#18 Endrin aldehyde

R.T.: 6.958 min  
Delta R.T.: -0.002 min  
Response: 2580788  
Conc: 1.71 ng/ml



#18 Endrin aldehyde

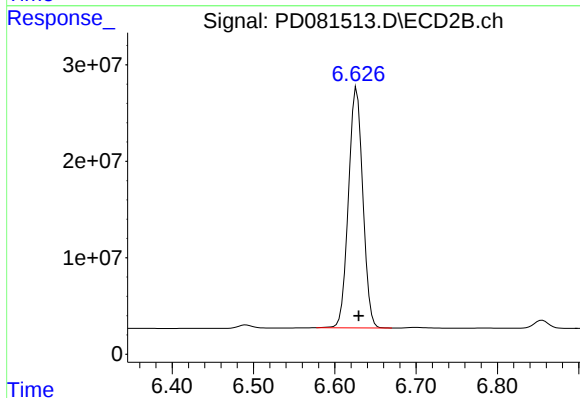
R.T.: 6.128 min  
Delta R.T.: -0.002 min  
Response: 4841878  
Conc: 2.16 ng/ml



#20 Methoxychlor

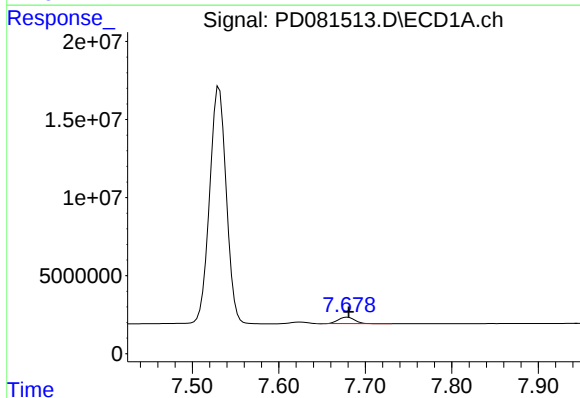
R.T.: 7.531 min  
Delta R.T.: -0.002 min  
Response: 202565161  
Conc: 214.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM120



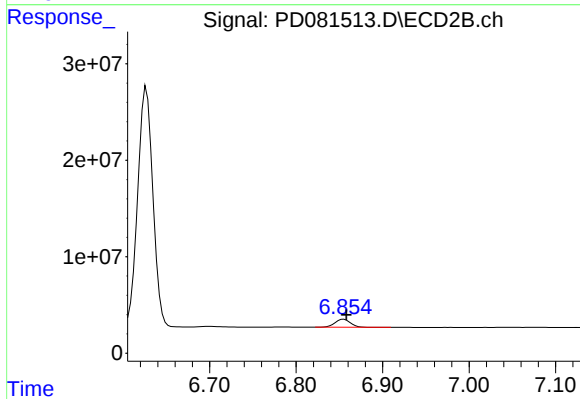
#20 Methoxychlor

R.T.: 6.627 min  
Delta R.T.: -0.003 min  
Response: 303967591  
Conc: 226.50 ng/ml



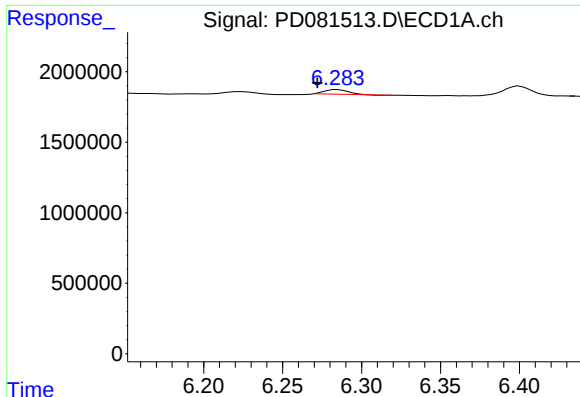
#21 Endrin ketone

R.T.: 7.679 min  
Delta R.T.: -0.001 min  
Response: 5322736  
Conc: 2.64 ng/ml



#21 Endrin ketone

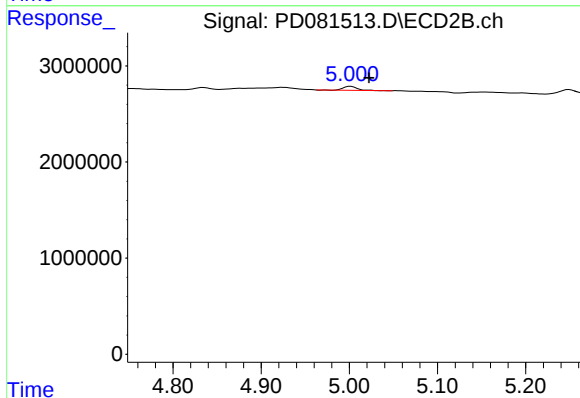
R.T.: 6.855 min  
Delta R.T.: -0.003 min  
Response: 10205196  
Conc: 3.26 ng/ml



#22 Toxaphene-1

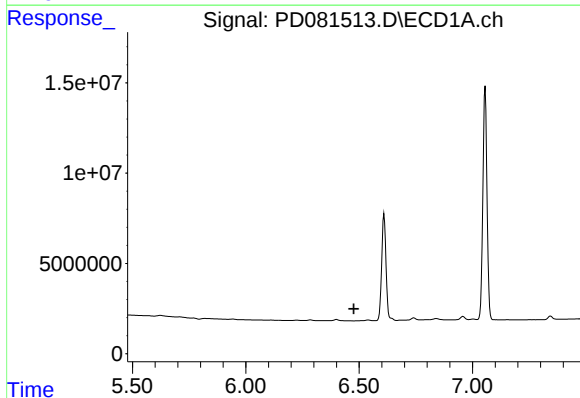
R.T.: 6.285 min  
Delta R.T.: 0.013 min  
Response: 316722  
Conc: 20.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM120



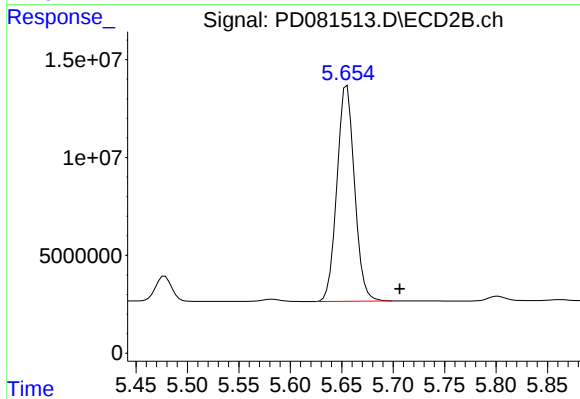
#22 Toxaphene-1

R.T.: 5.002 min  
Delta R.T.: -0.021 min  
Response: 445478  
Conc: 25.65 ng/ml



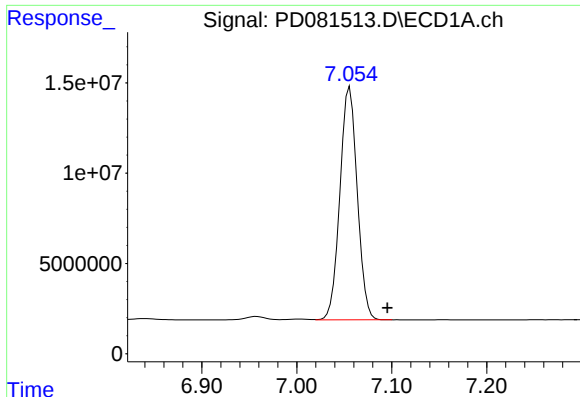
#23 Toxaphene-2

R.T.: 6.541 min  
Delta R.T.: 0.065 min  
Response: -215970  
Conc: N.D.



#23 Toxaphene-2

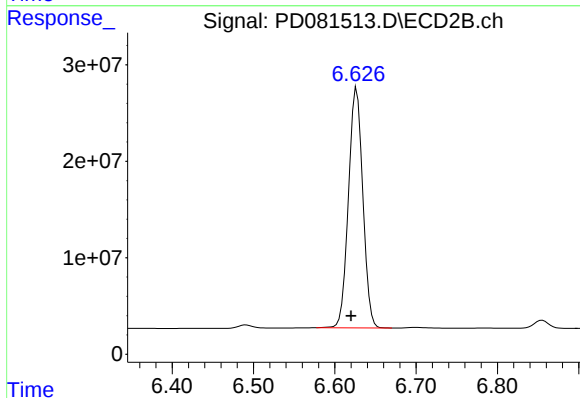
R.T.: 5.655 min  
Delta R.T.: -0.051 min  
Response: 131019427  
Conc: 6910.24 ng/ml



#24 Toxaphene-3

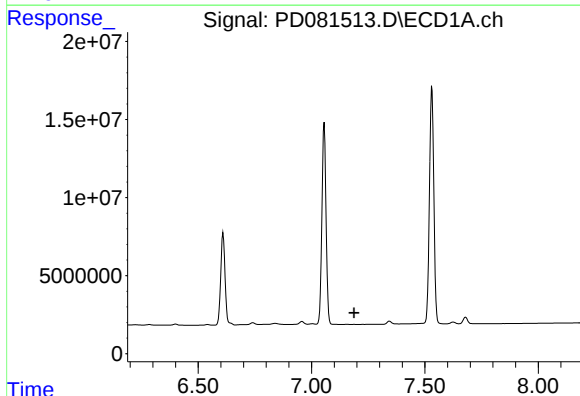
R.T.: 7.056 min  
Delta R.T.: -0.040 min  
Response: 163991656  
Conc: 2852.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM120



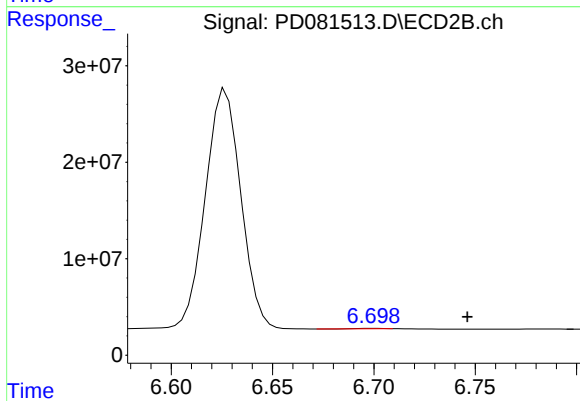
#24 Toxaphene-3

R.T.: 6.627 min  
Delta R.T.: 0.007 min  
Response: 303967591  
Conc: 4823.93 ng/ml



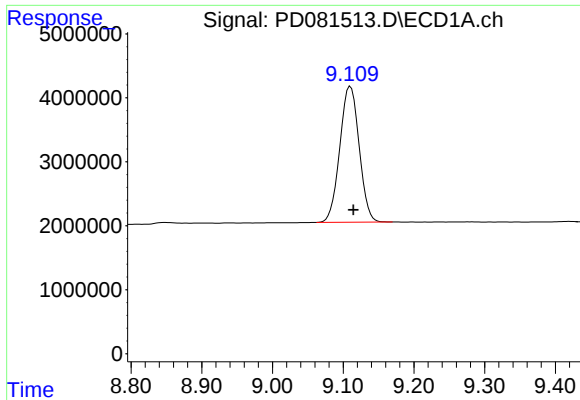
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.187 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

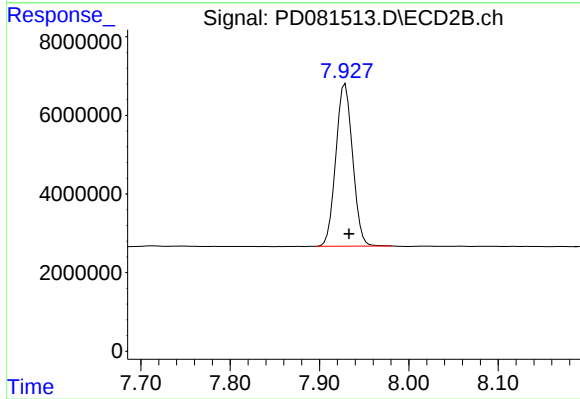
R.T.: 6.700 min  
Delta R.T.: -0.046 min  
Response: 321438  
Conc: 3.79 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.110 min  
Delta R.T.: -0.005 min  
Response: 40351268  
Conc: 20.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM120



#27 Decachlorobiphenyl

R.T.: 7.929 min  
Delta R.T.: -0.004 min  
Response: 53946381  
Conc: 20.97 ng/ml