

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121924\  
 Data File : PD087202.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Dec 2024 16:58  
 Operator : AR\AJ  
 Sample : PEM025  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM014

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 20 06:01:48 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD121924CLP-TCLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 20 05:48:59 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

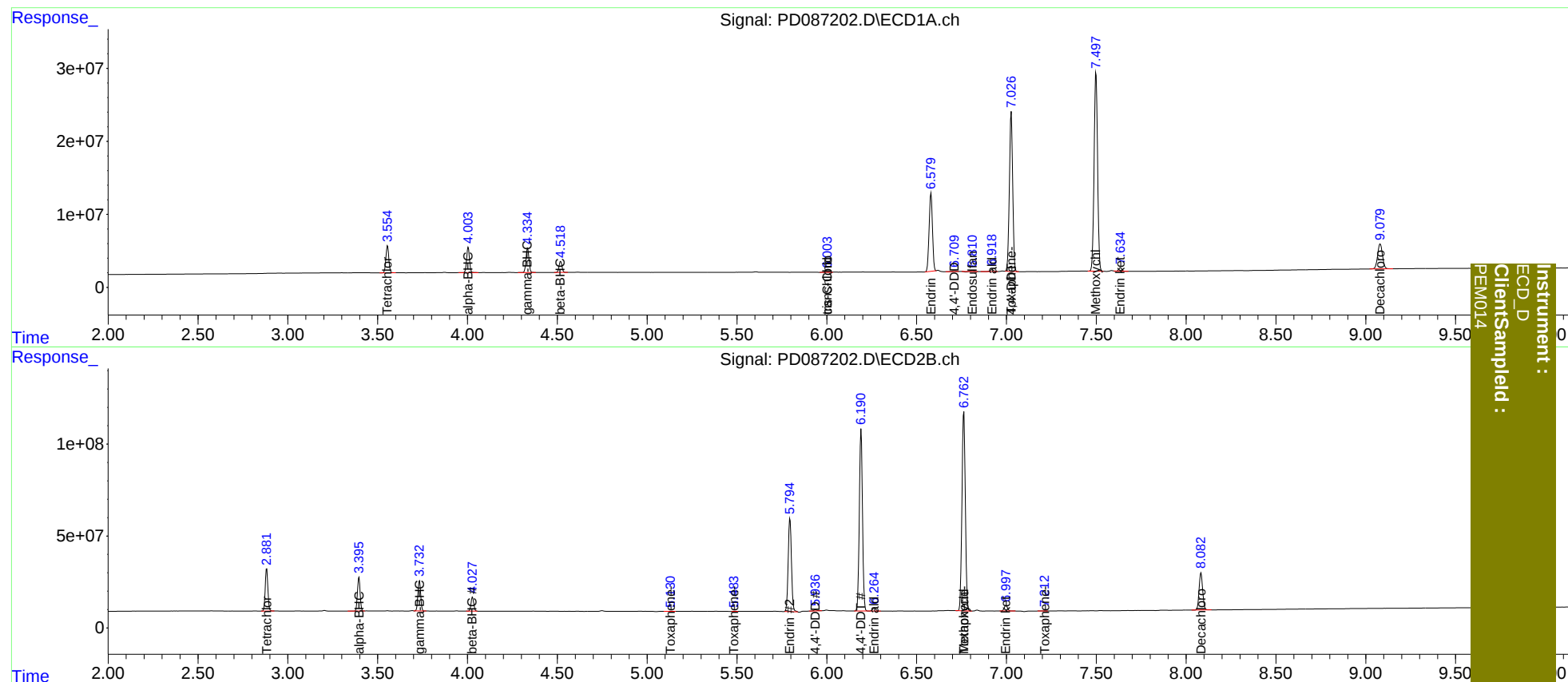
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.555  | 2.883 | 41776153 | 237.0E6  | 20.588   | 21.555     |
| 27)                         | SA Decachlor... | 9.081  | 8.083 | 63916486 | 278.6E6  | 21.577   | 22.546     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.004  | 3.396 | 38566781 | 189.9E6  | 9.362    | 10.917     |
| 3)                          | MA gamma-BHC... | 4.335  | 3.733 | 38491798 | 173.9E6  | 9.682    | 10.779     |
| 5)                          | MB Aldrin       | 0.000  | 4.368 | 0        | 625267   | N.D.     | <MDL       |
| 6)                          | B beta-BHC      | 4.519  | 4.028 | 17444215 | 80378161 | 10.164   | 10.780     |
| 7)                          | B delta-BHC     | 0.000  | 4.266 | 0        | 490090   | N.D.     | <MDL       |
| 8)                          | B Heptachlo...  | 0.000  | 4.889 | 0        | 84145    | N.D.     | <MDL       |
| 9)                          | A Endosulfan I  | 0.000  | 5.249 | 0        | 366914   | N.D.     | <MDL       |
| 10)                         | B trans-Chl...  | 6.005f | 5.134 | 867703   | 388612   | 0.247    | <MDL #     |
| 11)                         | B cis-Chlor...  | 6.005  | 5.182 | 867703   | 353114   | 0.245    | <MDL #     |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.385 | 0        | 747547   | N.D.     | <MDL       |
| 13)                         | MA Dieldrin     | 0.000  | 5.518 | 0        | 168596   | N.D.     | <MDL       |
| 14)                         | MA Endrin       | 6.580  | 5.795 | 138.0E6  | 642.1E6  | 45.703   | 48.102     |
| 15)                         | B Endosulfa...  | 6.812  | 6.093 | 481532   | 1056226  | 0.161    | <MDL #     |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.938 | 1134641  | 7635478  | 0.436    | 0.661 #    |
| 17)                         | MA 4,4'-DDT     | 7.027  | 6.191 | 279.8E6  | 1204.7E6 | 103.172  | 99.847     |
| 18)                         | B Endrin al...  | 6.920  | 6.266 | 3562393  | 21391949 | 1.522    | 2.147 #    |
| 19)                         | B Endosulfa...  | 0.000  | 6.490 | 0        | 705058   | N.D.     | <MDL       |
| 20)                         | A Methoxychlor  | 7.499  | 6.763 | 367.8E6  | 1418.3E6 | 250.513  | 262.041    |
| 21)                         | B Endrin ke...  | 7.635  | 6.998 | 4883627  | 38676153 | 1.532    | 2.822 #    |
| 22)                         | Toxaphene-1     | 0.000  | 5.134 | 0        | 388612   | N.D.     | 5.114      |
| 23)                         | Toxaphene-2     | 0.000  | 5.485 | 0        | 547000   | N.D.     | 6.617      |
| 24)                         | Toxaphene-3     | 7.027f | 6.763 | 279.8E6  | 1418.3E6 | 3240.674 | 5339.619 # |
| 25)                         | Toxaphene-4     | 0.000  | 7.214 | 0        | 951638   | N.D.     | 5.149      |
| -----                       |                 |        |       |          |          |          |            |

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

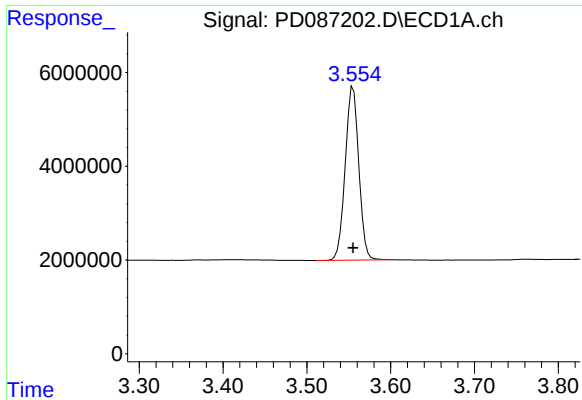
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121924\  
Data File : PD087202.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Dec 2024 16:58  
Operator : AR\AJ  
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ALS Vial : 3 Sample Multiplier: 1

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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



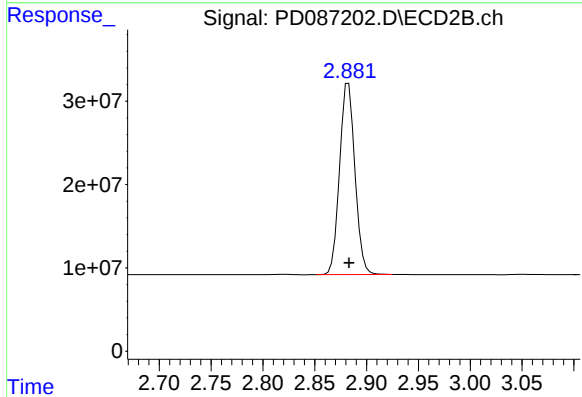
Instrument :  
ECD\_D  
ClientSampled :  
PEM014



#1 Tetrachloro-m-xylene

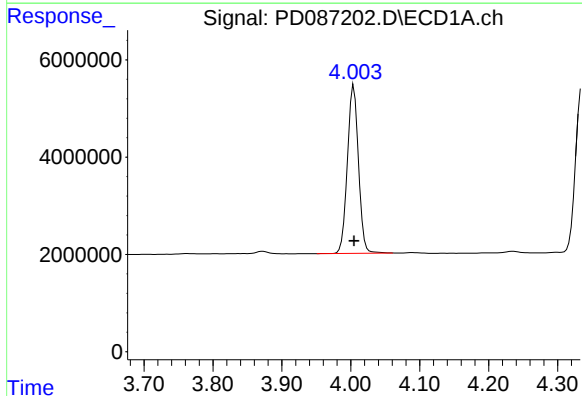
R.T.: 3.555 min  
Delta R.T.: 0.000 min  
Response: 41776153  
Conc: 20.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM014



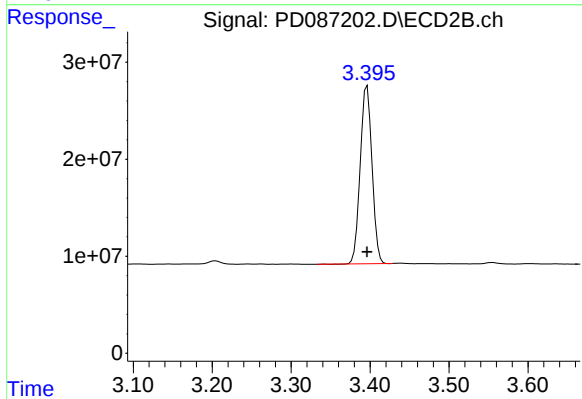
#1 Tetrachloro-m-xylene

R.T.: 2.883 min  
Delta R.T.: 0.000 min  
Response: 236956052  
Conc: 21.56 ng/ml



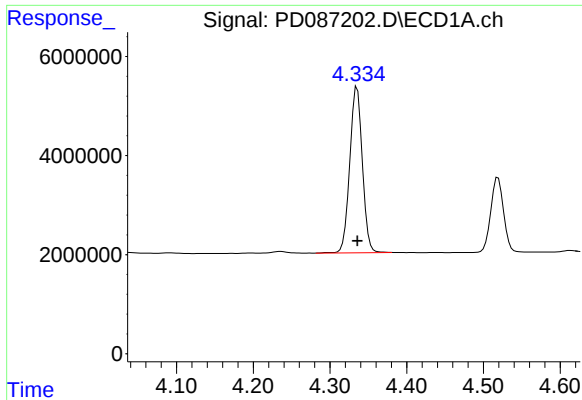
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: 0.000 min  
Response: 38566781  
Conc: 9.36 ng/ml



#2 alpha-BHC

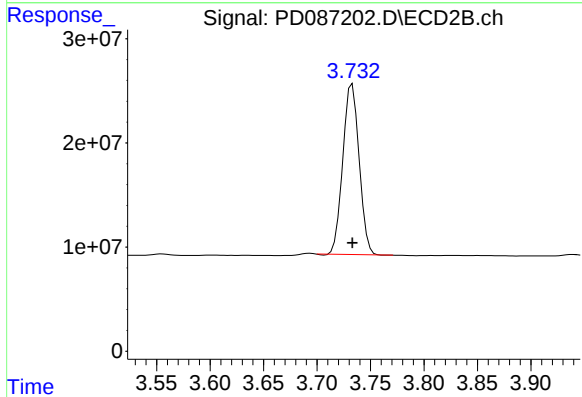
R.T.: 3.396 min  
Delta R.T.: 0.000 min  
Response: 189913166  
Conc: 10.92 ng/ml



#3 gamma-BHC (Lindane)

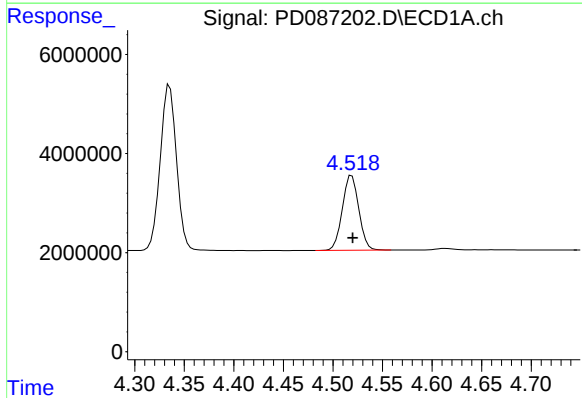
R.T.: 4.335 min  
Delta R.T.: 0.000 min  
Response: 38491798  
Conc: 9.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM014



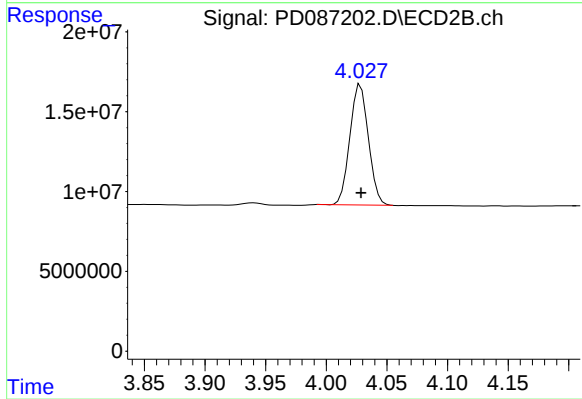
#3 gamma-BHC (Lindane)

R.T.: 3.733 min  
Delta R.T.: 0.000 min  
Response: 173922316  
Conc: 10.78 ng/ml



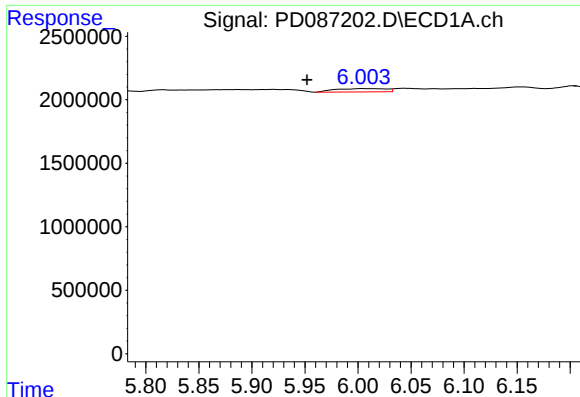
#6 beta-BHC

R.T.: 4.519 min  
Delta R.T.: 0.000 min  
Response: 17444215  
Conc: 10.16 ng/ml



#6 beta-BHC

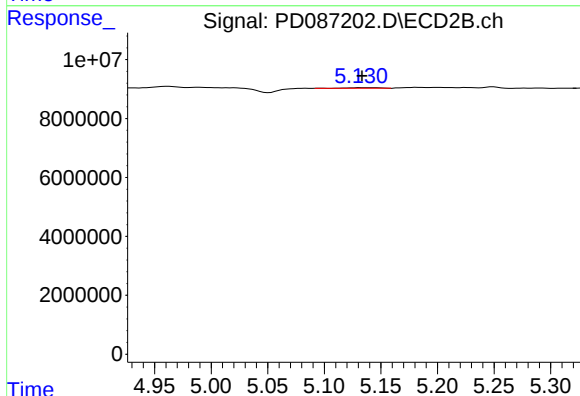
R.T.: 4.028 min  
Delta R.T.: 0.000 min  
Response: 80378161  
Conc: 10.78 ng/ml



#10 trans-Chlordane

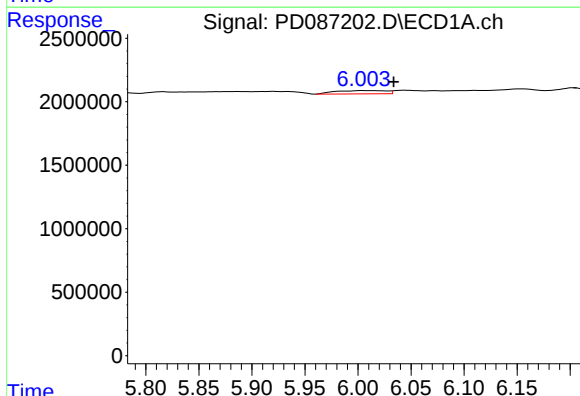
R.T.: 6.005 min  
Delta R.T.: 0.053 min  
Response: 867703  
Conc: 0.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM014



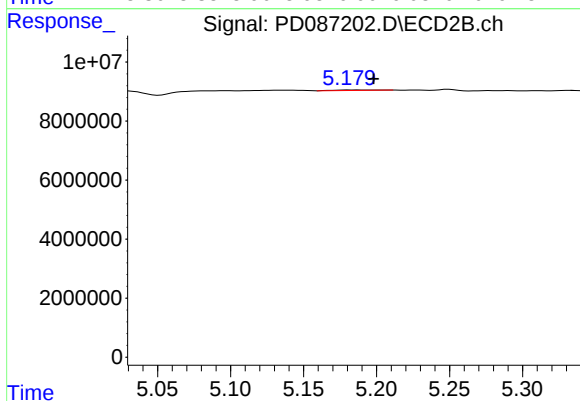
#10 trans-Chlordane

R.T.: 5.134 min  
Delta R.T.: 0.000 min  
Response: 388612  
Conc: N.D.



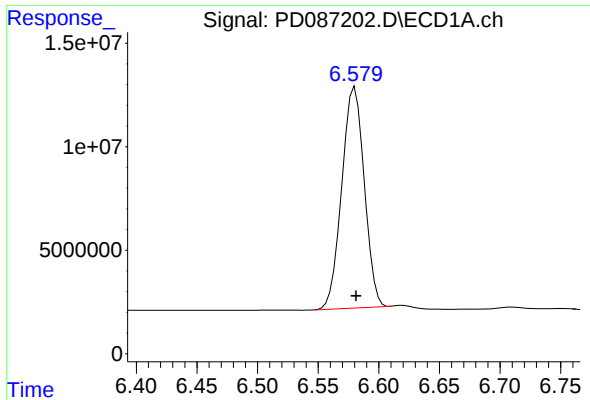
#11 cis-Chlordane

R.T.: 6.005 min  
Delta R.T.: -0.028 min  
Response: 867703  
Conc: 0.25 ng/ml



#11 cis-Chlordane

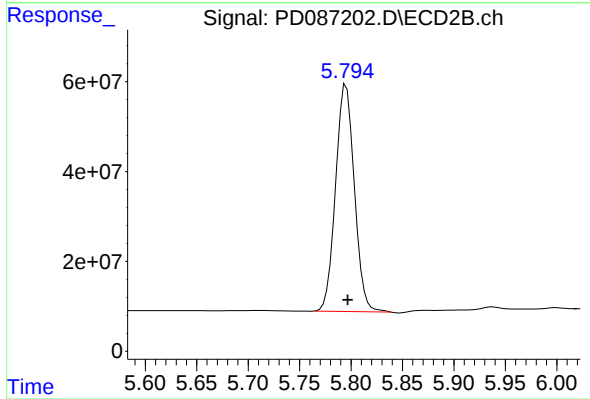
R.T.: 5.182 min  
Delta R.T.: -0.016 min  
Response: 353114  
Conc: N.D.



#14 Endrin

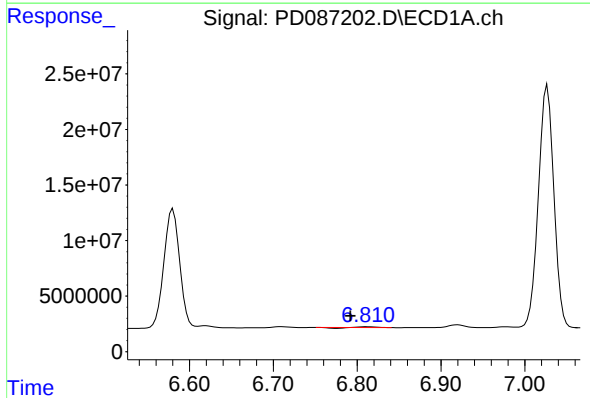
R.T.: 6.580 min  
Delta R.T.: 0.000 min  
Response: 137991507  
Conc: 45.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM014



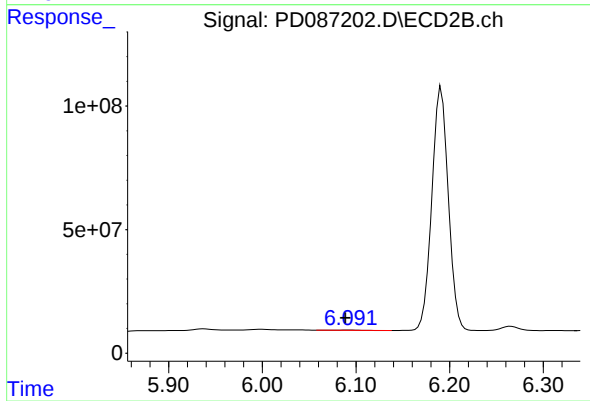
#14 Endrin

R.T.: 5.795 min  
Delta R.T.: -0.001 min  
Response: 642113344  
Conc: 48.10 ng/ml



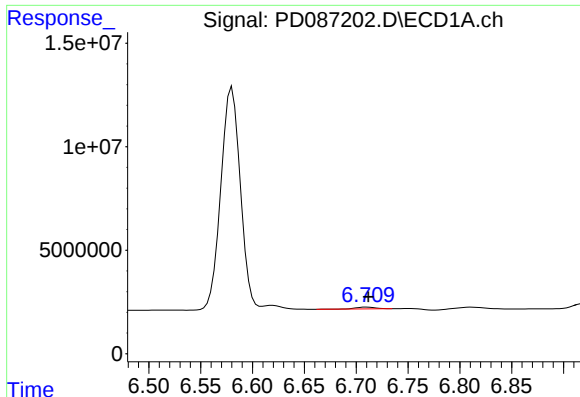
#15 Endosulfan II

R.T.: 6.812 min  
Delta R.T.: 0.020 min  
Response: 481532  
Conc: 0.16 ng/ml



#15 Endosulfan II

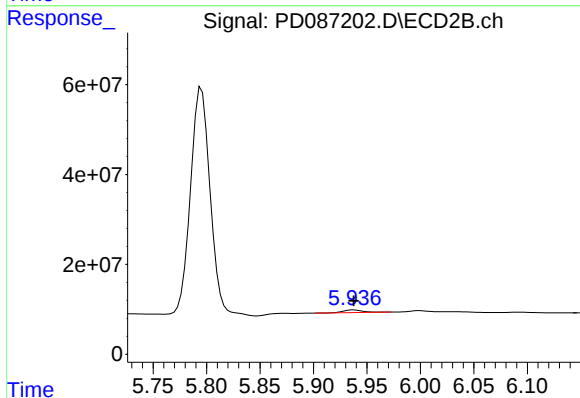
R.T.: 6.093 min  
Delta R.T.: 0.004 min  
Response: 1056226  
Conc: N.D.



#16 4,4'-DDD

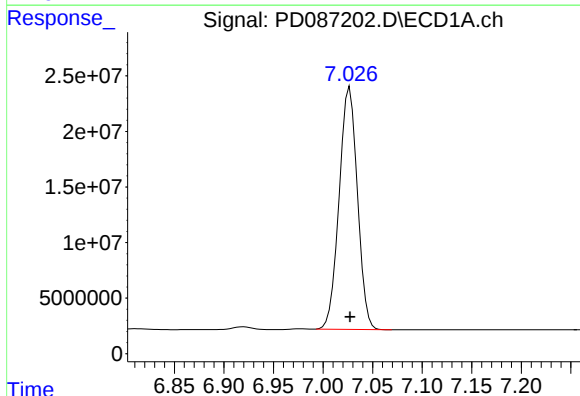
R.T.: 6.710 min  
Delta R.T.: -0.001 min  
Response: 1134641  
Conc: 0.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM014



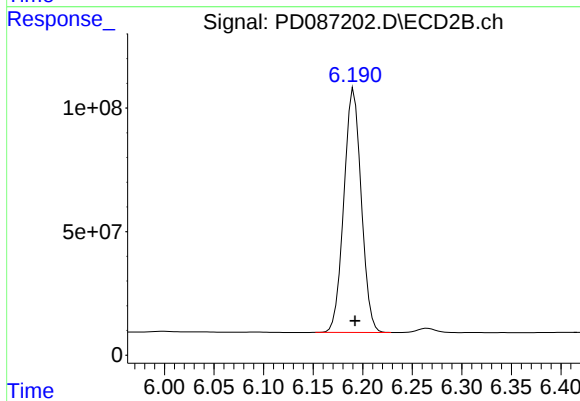
#16 4,4'-DDD

R.T.: 5.938 min  
Delta R.T.: 0.000 min  
Response: 7635478  
Conc: 0.66 ng/ml



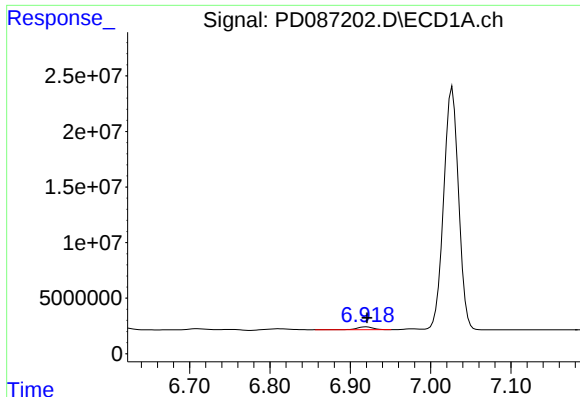
#17 4,4'-DDT

R.T.: 7.027 min  
Delta R.T.: 0.000 min  
Response: 279840479  
Conc: 103.17 ng/ml



#17 4,4'-DDT

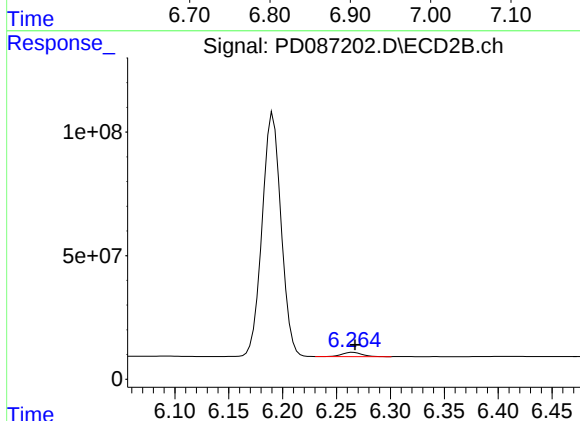
R.T.: 6.191 min  
Delta R.T.: -0.001 min  
Response: 1204718119  
Conc: 99.85 ng/ml



#18 Endrin aldehyde

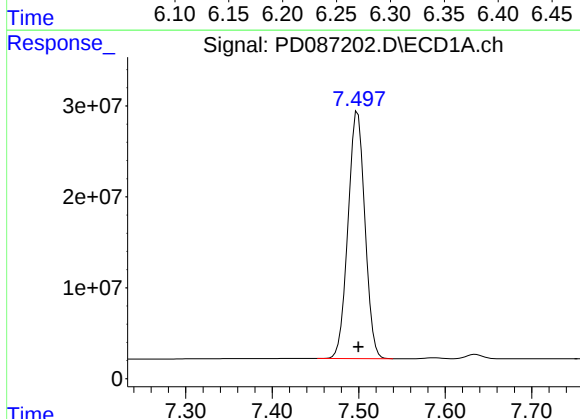
R.T.: 6.920 min  
Delta R.T.: -0.001 min  
Response: 3562393  
Conc: 1.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM014



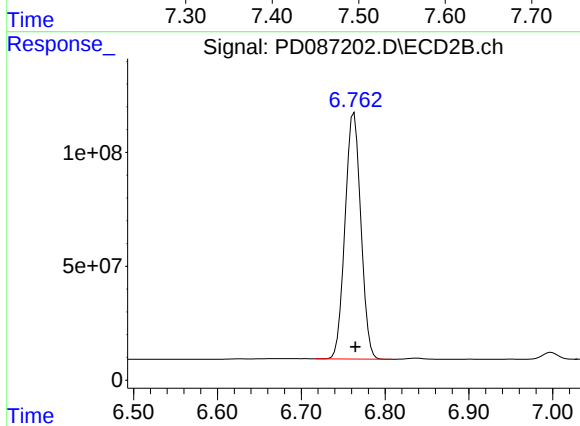
#18 Endrin aldehyde

R.T.: 6.266 min  
Delta R.T.: -0.002 min  
Response: 21391949  
Conc: 2.15 ng/ml



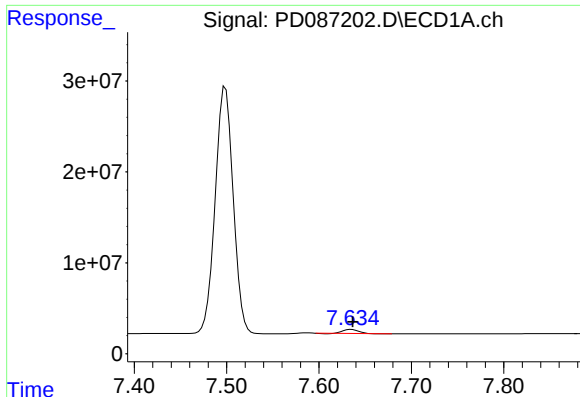
#20 Methoxychlor

R.T.: 7.499 min  
Delta R.T.: -0.001 min  
Response: 367770342  
Conc: 250.51 ng/ml



#20 Methoxychlor

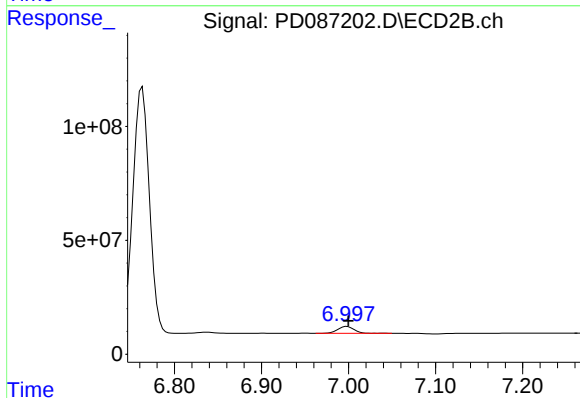
R.T.: 6.763 min  
Delta R.T.: -0.001 min  
Response: 1418332886  
Conc: 262.04 ng/ml



#21 Endrin ketone

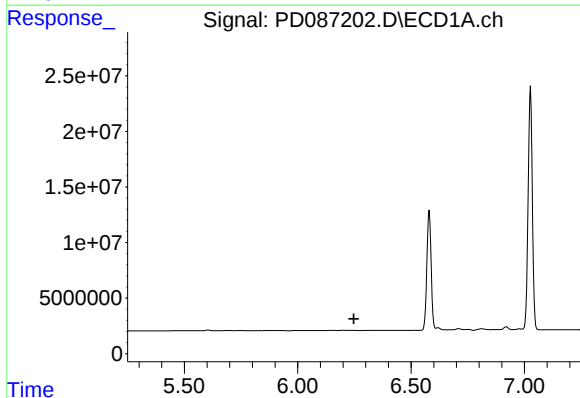
R.T.: 7.635 min  
Delta R.T.: -0.001 min  
Response: 4883627  
Conc: 1.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM014



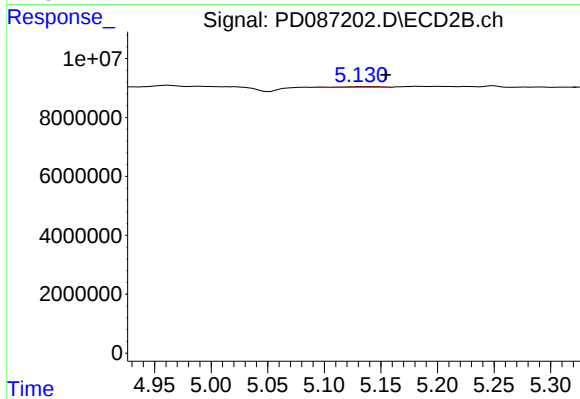
#21 Endrin ketone

R.T.: 6.998 min  
Delta R.T.: -0.002 min  
Response: 38676153  
Conc: 2.82 ng/ml



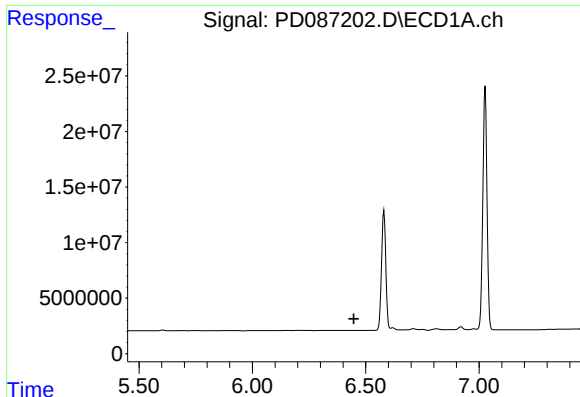
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 6.248 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

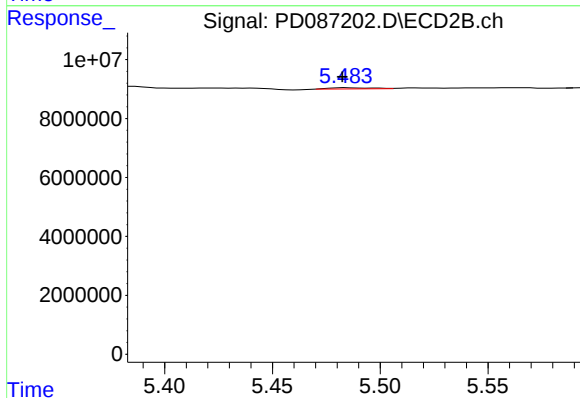
R.T.: 5.134 min  
Delta R.T.: -0.021 min  
Response: 388612  
Conc: 5.11 ng/ml



#23 Toxaphene-2

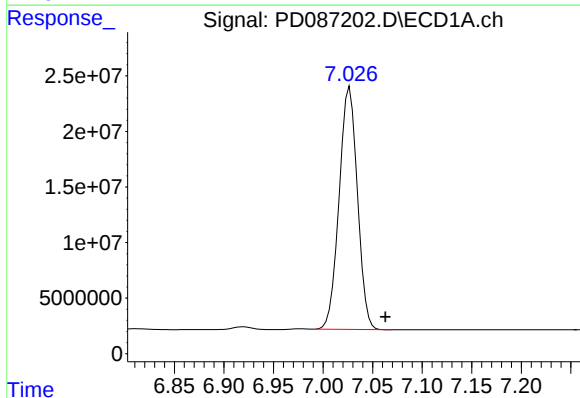
R.T.: 0.000 min  
Exp R.T.: 6.447 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM014



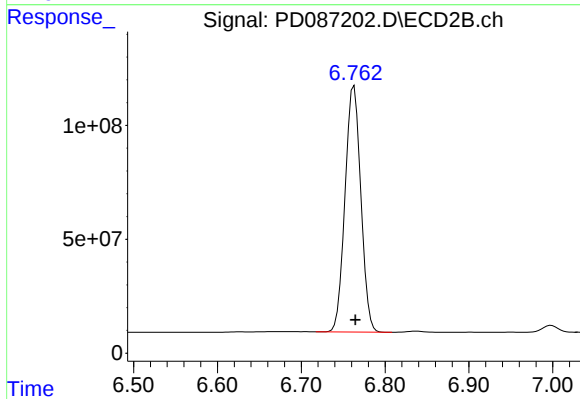
#23 Toxaphene-2

R.T.: 5.485 min  
Delta R.T.: 0.002 min  
Response: 547000  
Conc: 6.62 ng/ml



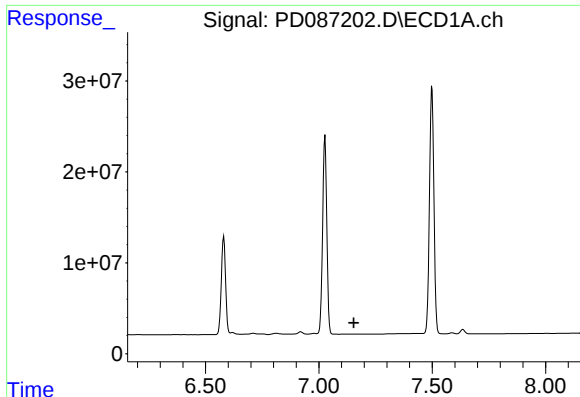
#24 Toxaphene-3

R.T.: 7.027 min  
Delta R.T.: -0.036 min  
Response: 279840479  
Conc: 3240.67 ng/ml



#24 Toxaphene-3

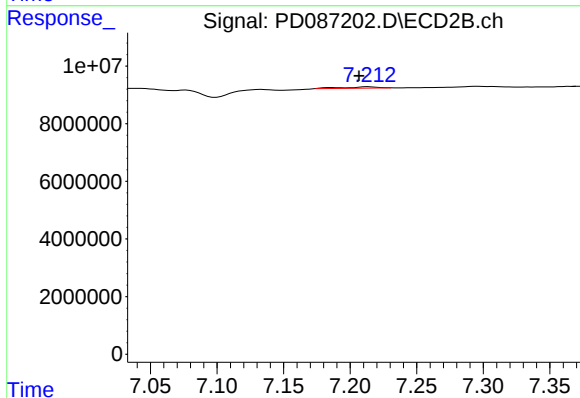
R.T.: 6.763 min  
Delta R.T.: -0.002 min  
Response: 1418332886  
Conc: 5339.62 ng/ml



#25 Toxaphene-4

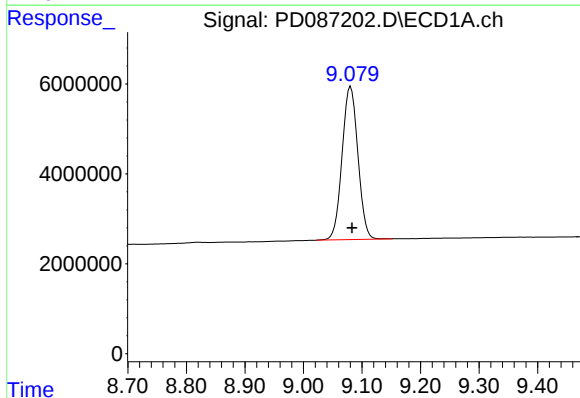
R.T.: 0.000 min  
Exp R.T.: 7.154 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM014



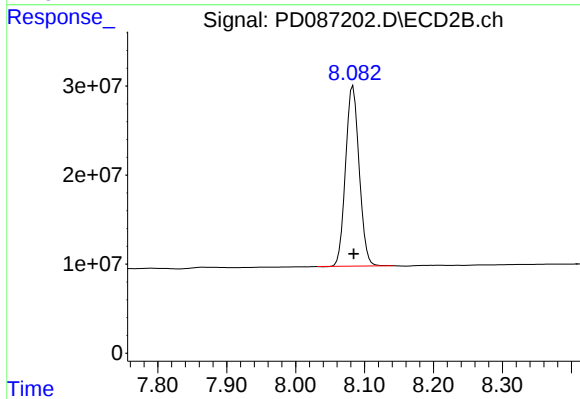
#25 Toxaphene-4

R.T.: 7.214 min  
Delta R.T.: 0.007 min  
Response: 951638  
Conc: 5.15 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.081 min  
Delta R.T.: -0.002 min  
Response: 63916486  
Conc: 21.58 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.083 min  
Delta R.T.: 0.000 min  
Response: 278592412  
Conc: 22.55 ng/ml