

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040724\  
 Data File : PD082315.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Apr 2024 19:20  
 Operator : AR\AJ  
 Sample : PEM037  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM154

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 08 01:32:47 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032924CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Mar 30 04:18:59 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

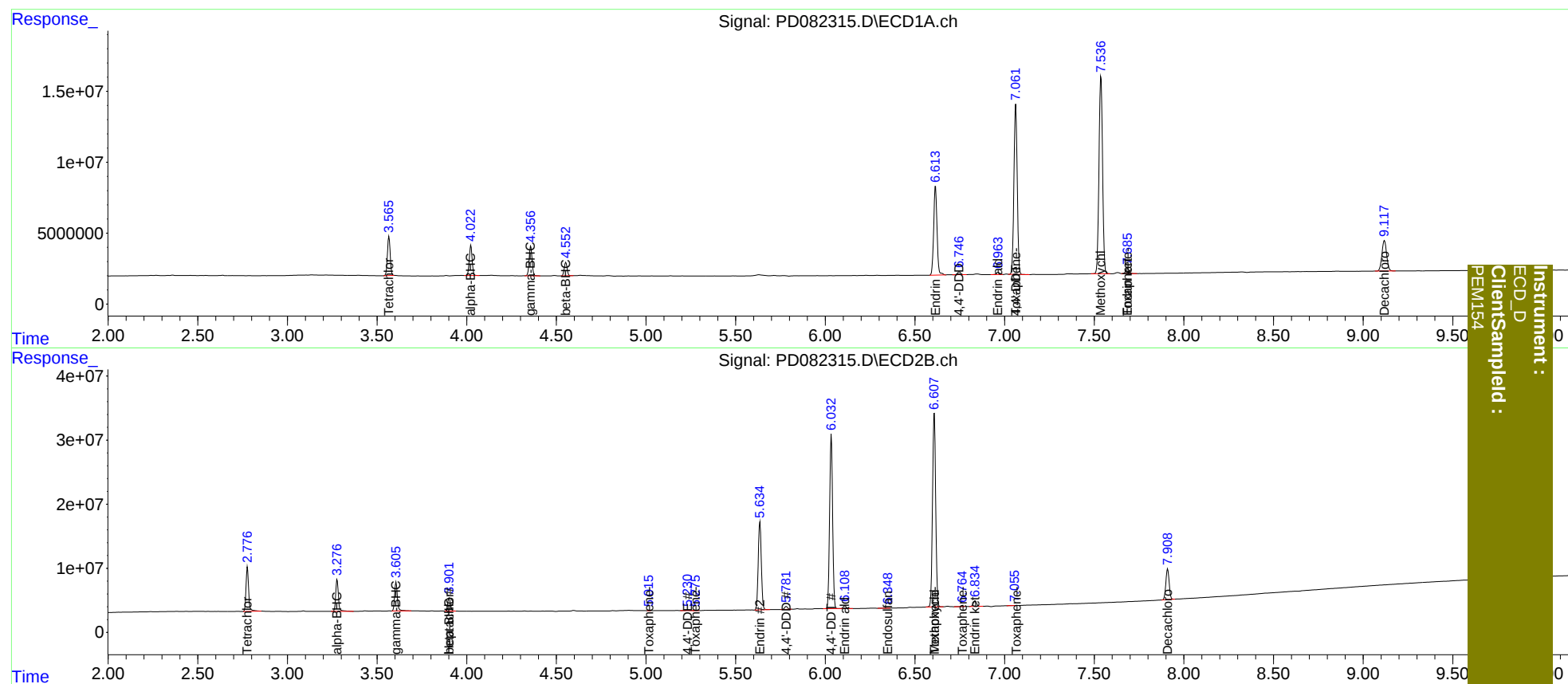
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.566  | 2.777  | 29625612 | 70328353 | 20.034   | 21.022     |
| 27)                         | SA Decachlor... | 9.119  | 7.910  | 39127917 | 61350285 | 21.058   | 23.258     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.023  | 3.277  | 23583219 | 51962057 | 9.455    | 10.263     |
| 3)                          | MA gamma-BHC... | 4.357  | 3.606  | 23722887 | 47874858 | 9.911    | 10.364     |
| 4)                          | MA Heptachlor   | 0.000  | 3.902f | 0        | 21672503 | N.D.     | 5.056      |
| 5)                          | MB Aldrin       | 0.000  | 4.236  | 0        | 302151   | N.D.     | <MDL       |
| 6)                          | B beta-BHC      | 4.553  | 3.902  | 10567352 | 21672503 | 10.087   | 11.193     |
| 9)                          | A Endosulfan I  | 0.000  | 5.129  | 0        | 54721    | N.D.     | <MDL       |
| 10)                         | B trans-Chl...  | 0.000  | 4.984  | 0        | 222439   | N.D.     | <MDL       |
| 11)                         | B cis-Chlor...  | 0.000  | 5.016  | 0        | 35315    | N.D.     | <MDL       |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.231  | 0        | 1320192  | N.D.     | 0.387      |
| 13)                         | MA Dieldrin     | 0.000  | 5.411f | 0        | 223618   | N.D.     | <MDL       |
| 14)                         | MA Endrin       | 6.615  | 5.636  | 81017108 | 164.0E6  | 45.632   | 52.992     |
| 15)                         | B Endosulfa...  | 0.000  | 5.946  | 0        | 14905    | N.D.     | <MDL       |
| 16)                         | A 4,4'-DDD      | 6.747  | 5.782  | 2533225  | 5358328  | 1.690    | 1.989      |
| 17)                         | MA 4,4'-DDT     | 7.062  | 6.034  | 152.7E6  | 316.7E6  | 98.151   | 114.617    |
| 18)                         | B Endrin al...  | 6.964  | 6.109  | 2063876  | 5173267  | 1.557    | 2.293 #    |
| 19)                         | B Endosulfa...  | 0.000  | 6.351  | 0        | 291446   | N.D.     | 0.102      |
| 20)                         | A Methoxychlor  | 7.538  | 6.608  | 193.7E6  | 373.3E6  | 236.387  | 267.818    |
| 21)                         | B Endrin ke...  | 7.686  | 6.835  | 4628667  | 11083175 | 2.707    | 3.465 #    |
| 22)                         | Toxaphene-1     | 0.000  | 5.016  | 0        | 35315    | N.D.     | 1.958      |
| 23)                         | Toxaphene-2     | 0.000  | 5.277f | 0        | 422979   | N.D.     | 22.832     |
| 24)                         | Toxaphene-3     | 7.062f | 6.608  | 152.7E6  | 373.3E6  | 3208.367 | 5778.375 # |
| 25)                         | Toxaphene-4     | 0.000  | 6.766f | 0        | 53102    | N.D.     | 0.601      |
| 26)                         | Toxaphene-5     | 7.686f | 7.056  | 4628667  | 209083   | 182.306  | 5.991 #    |
| -----                       |                 |        |        |          |          |          |            |

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

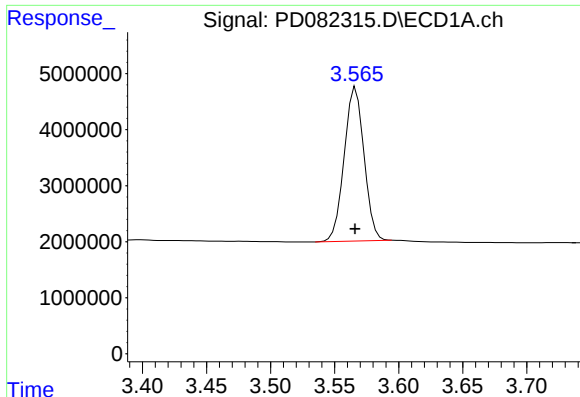
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040724\  
Data File : PD082315.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Apr 2024 19:20  
Operator : AR\AJ  
Sample : PEM037  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 08 01:32:47 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032924CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Mar 30 04:18:59 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



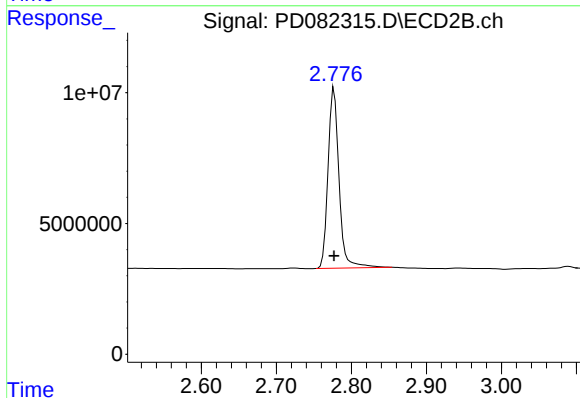
Instrument :  
ECD\_D  
ClientSampled :  
PEM154



#1 Tetrachloro-m-xylene

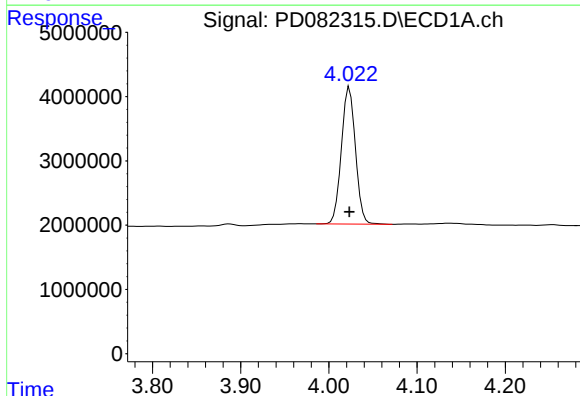
R.T.: 3.566 min  
Delta R.T.: 0.000 min  
Response: 29625612  
Conc: 20.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM154



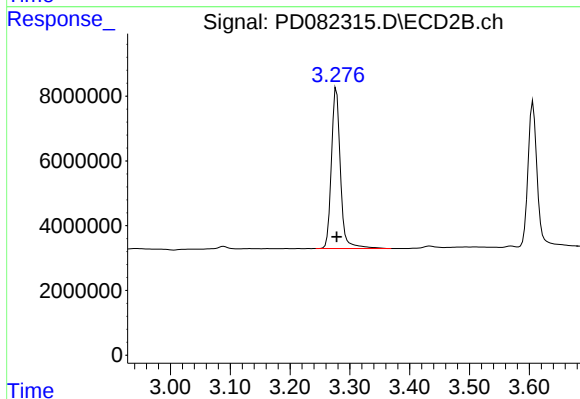
#1 Tetrachloro-m-xylene

R.T.: 2.777 min  
Delta R.T.: 0.000 min  
Response: 70328353  
Conc: 21.02 ng/ml



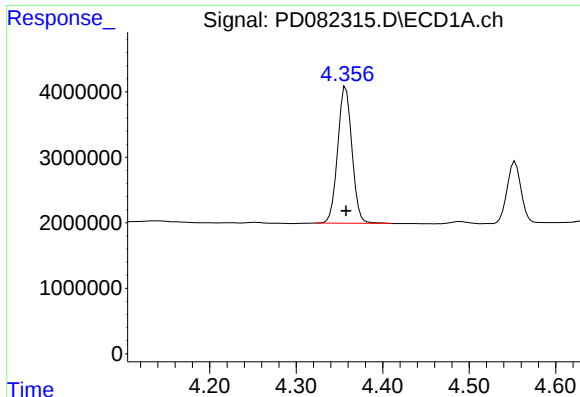
#2 alpha-BHC

R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 23583219  
Conc: 9.46 ng/ml



#2 alpha-BHC

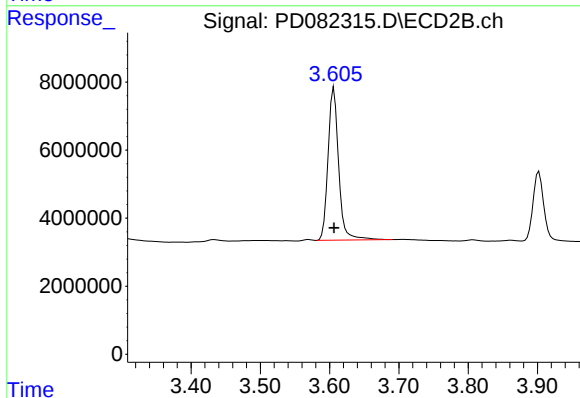
R.T.: 3.277 min  
Delta R.T.: 0.000 min  
Response: 51962057  
Conc: 10.26 ng/ml



#3 gamma-BHC (Lindane)

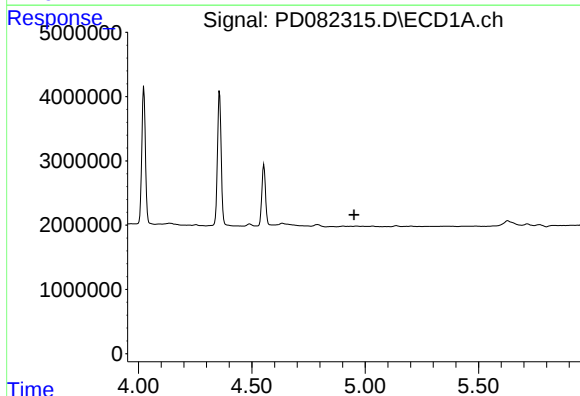
R.T.: 4.357 min  
Delta R.T.: 0.000 min  
Response: 23722887  
Conc: 9.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM154



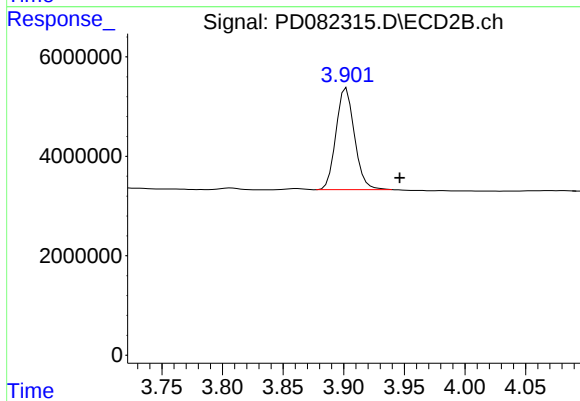
#3 gamma-BHC (Lindane)

R.T.: 3.606 min  
Delta R.T.: 0.000 min  
Response: 47874858  
Conc: 10.36 ng/ml



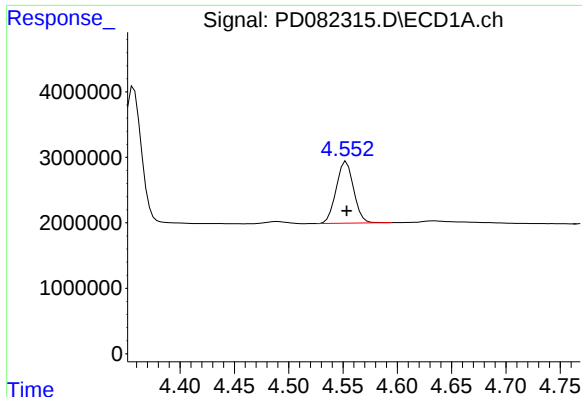
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.951 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

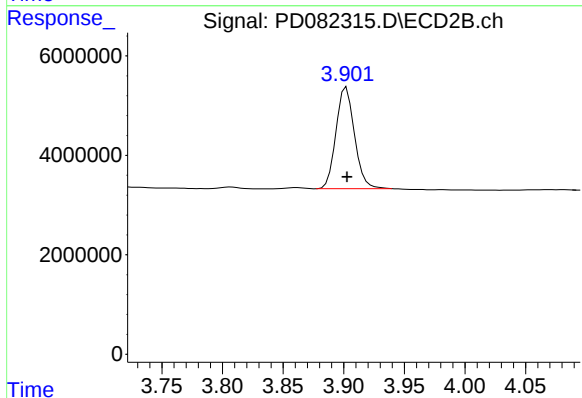
R.T.: 3.902 min  
Delta R.T.: -0.044 min  
Response: 21672503  
Conc: 5.06 ng/ml



#6 beta-BHC

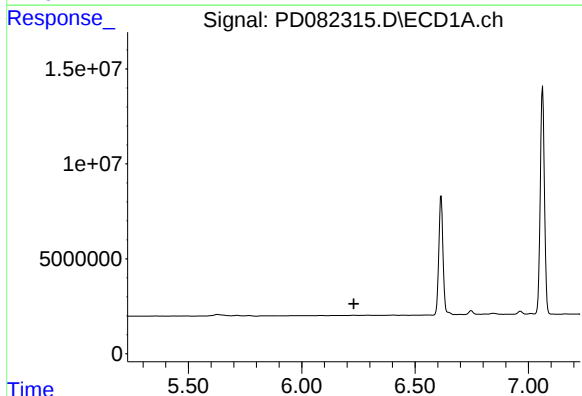
R.T.: 4.553 min  
Delta R.T.: 0.000 min  
Response: 10567352  
Conc: 10.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM154



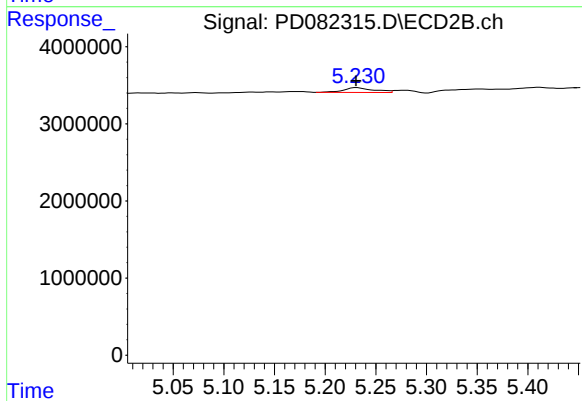
#6 beta-BHC

R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 21672503  
Conc: 11.19 ng/ml



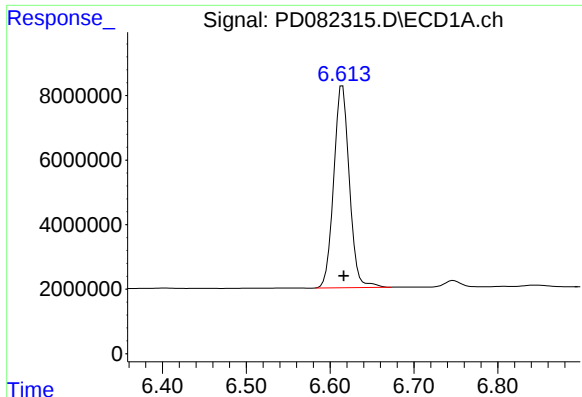
#12 4,4'-DDE

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



#12 4,4'-DDE

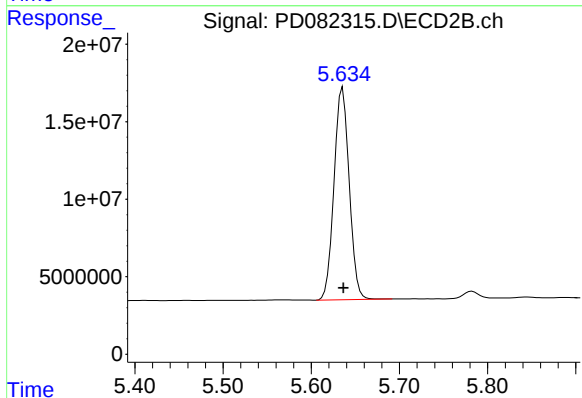
R.T.: 5.231 min  
Delta R.T.: 0.000 min  
Response: 1320192  
Conc: 0.39 ng/ml



#14 Endrin

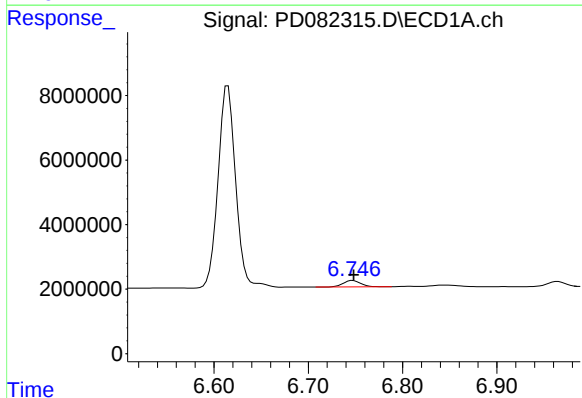
R.T.: 6.615 min  
Delta R.T.: -0.002 min  
Response: 81017108  
Conc: 45.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM154



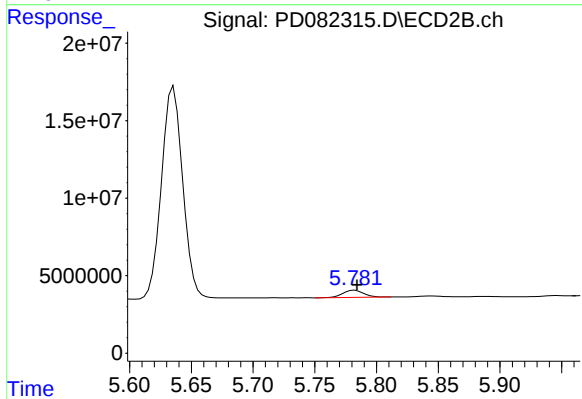
#14 Endrin

R.T.: 5.636 min  
Delta R.T.: 0.000 min  
Response: 164037296  
Conc: 52.99 ng/ml



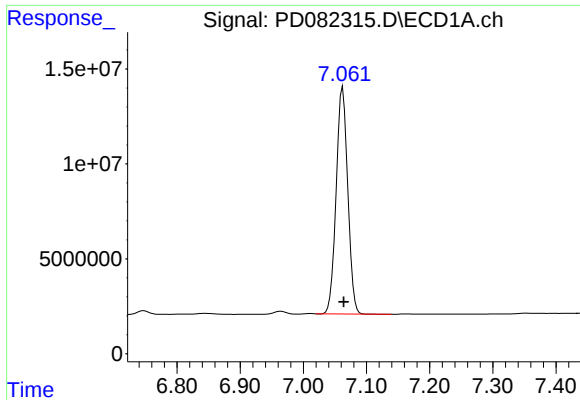
#16 4,4'-DDD

R.T.: 6.747 min  
Delta R.T.: 0.000 min  
Response: 2533225  
Conc: 1.69 ng/ml



#16 4,4'-DDD

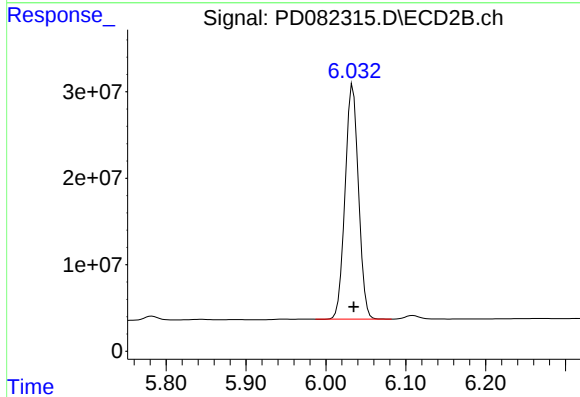
R.T.: 5.782 min  
Delta R.T.: -0.002 min  
Response: 5358328  
Conc: 1.99 ng/ml



#17 4,4'-DDT

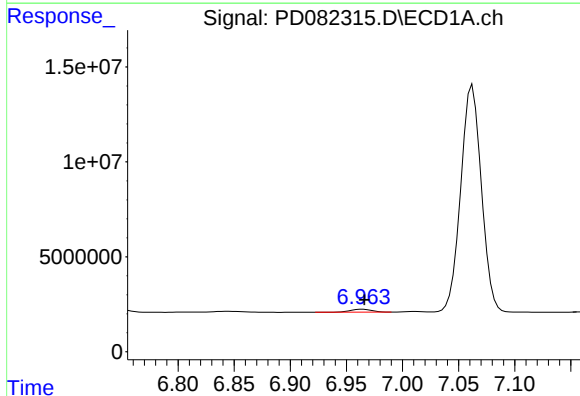
R.T.: 7.062 min  
Delta R.T.: -0.002 min  
Response: 152660652  
Conc: 98.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM154



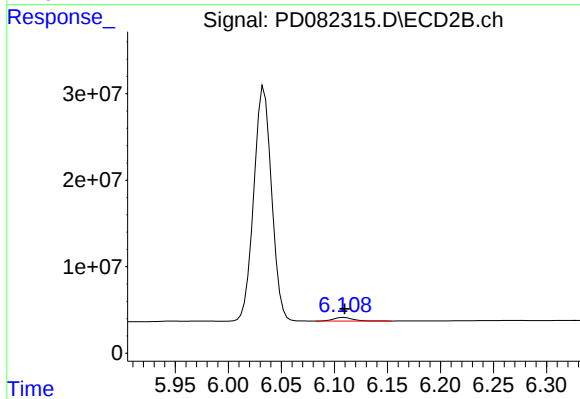
#17 4,4'-DDT

R.T.: 6.034 min  
Delta R.T.: -0.001 min  
Response: 31665148  
Conc: 114.62 ng/ml



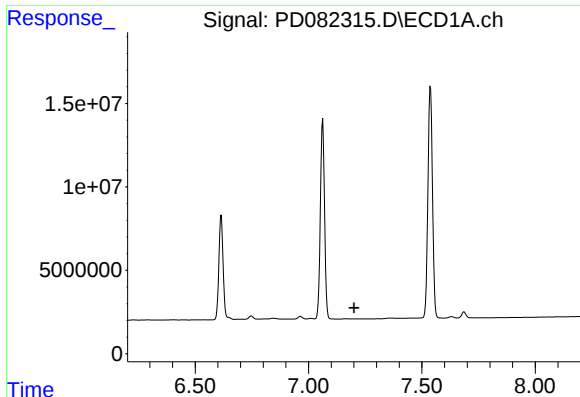
#18 Endrin aldehyde

R.T.: 6.964 min  
Delta R.T.: -0.001 min  
Response: 2063876  
Conc: 1.56 ng/ml



#18 Endrin aldehyde

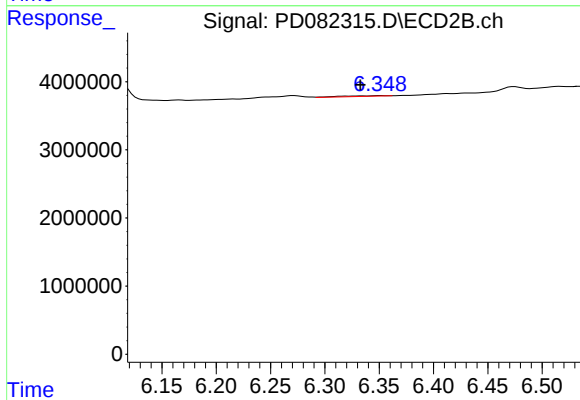
R.T.: 6.109 min  
Delta R.T.: 0.000 min  
Response: 5173267  
Conc: 2.29 ng/ml



#19 Endosulfan Sulfate

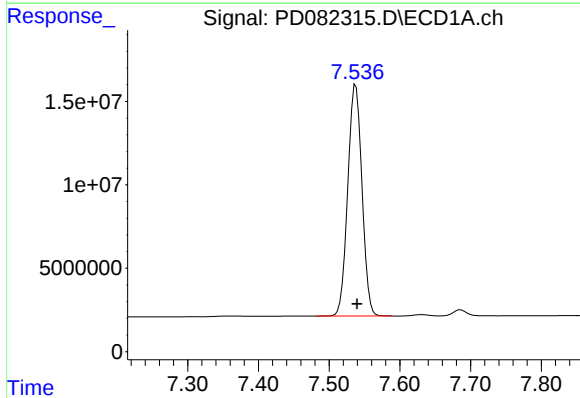
R.T.: 0.000 min  
Exp R.T.: 7.201 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM154



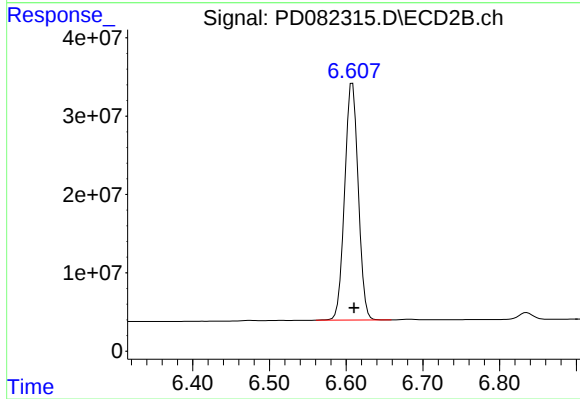
#19 Endosulfan Sulfate

R.T.: 6.351 min  
Delta R.T.: 0.018 min  
Response: 291446  
Conc: 0.10 ng/ml



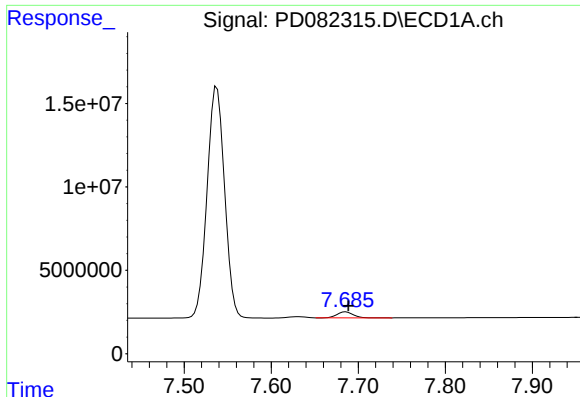
#20 Methoxychlor

R.T.: 7.538 min  
Delta R.T.: -0.002 min  
Response: 193732379  
Conc: 236.39 ng/ml



#20 Methoxychlor

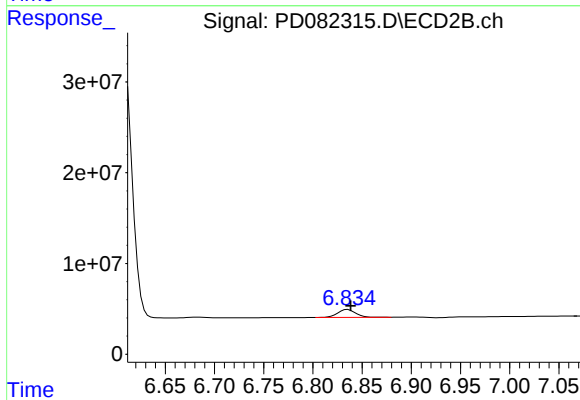
R.T.: 6.608 min  
Delta R.T.: -0.002 min  
Response: 373298512  
Conc: 267.82 ng/ml



#21 Endrin ketone

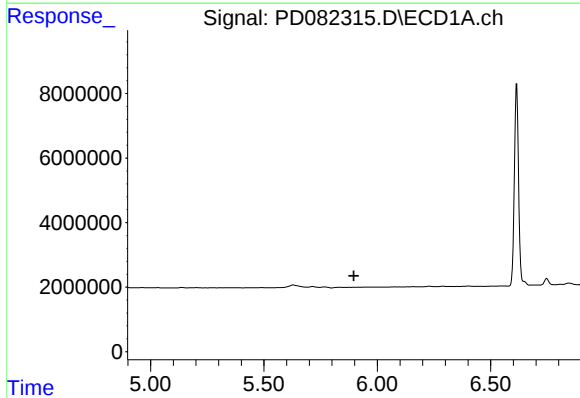
R.T.: 7.686 min  
Delta R.T.: -0.003 min  
Response: 4628667  
Conc: 2.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM154



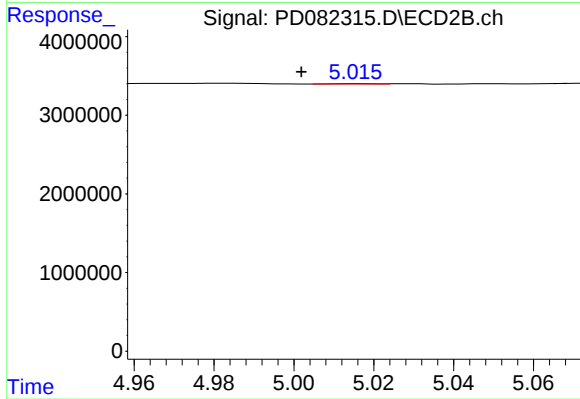
#21 Endrin ketone

R.T.: 6.835 min  
Delta R.T.: -0.003 min  
Response: 11083175  
Conc: 3.47 ng/ml



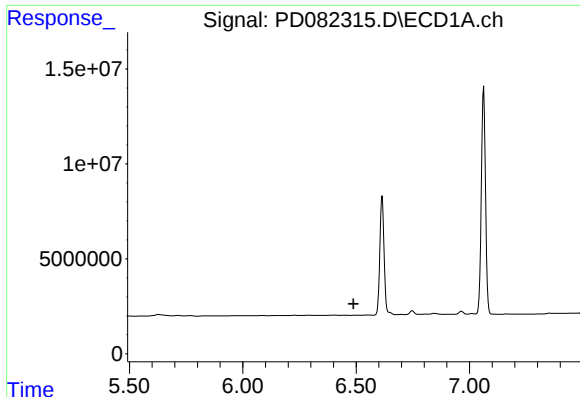
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.896 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

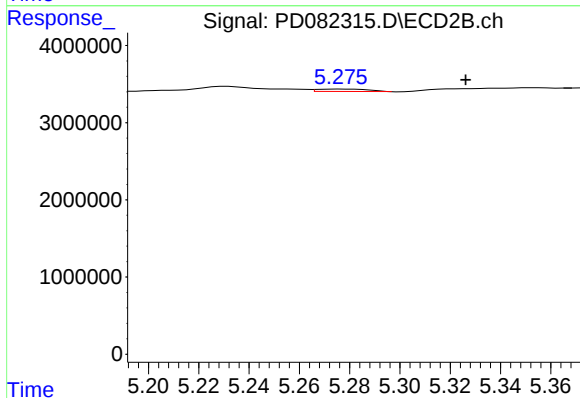
R.T.: 5.016 min  
Delta R.T.: 0.014 min  
Response: 35315  
Conc: 1.96 ng/ml



#23 Toxaphene-2

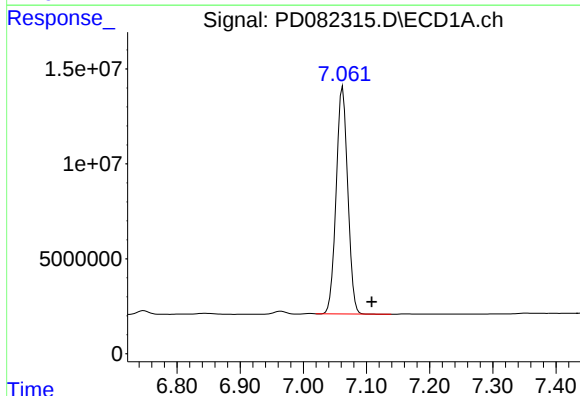
R.T.: 0.000 min  
Exp R.T.: 6.489 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM154



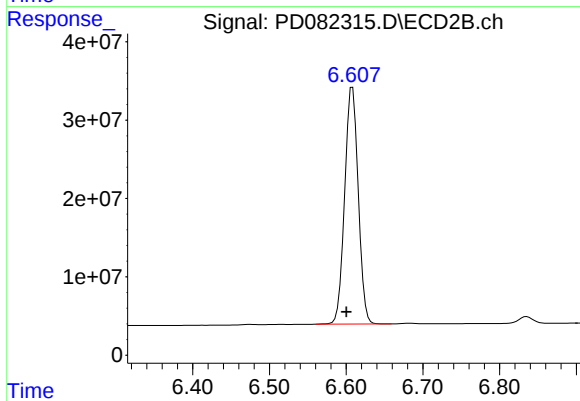
#23 Toxaphene-2

R.T.: 5.277 min  
Delta R.T.: -0.049 min  
Response: 422979  
Conc: 22.83 ng/ml



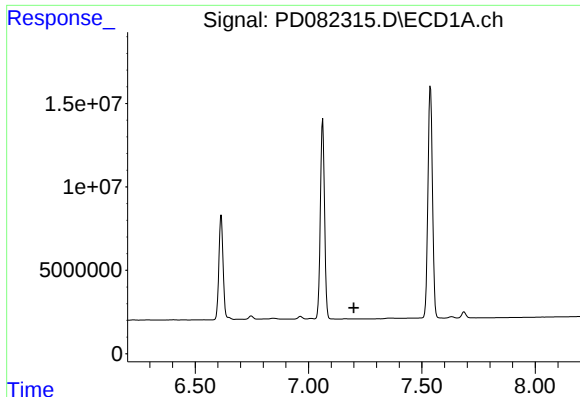
#24 Toxaphene-3

R.T.: 7.062 min  
Delta R.T.: -0.046 min  
Response: 152660652  
Conc: 3208.37 ng/ml



#24 Toxaphene-3

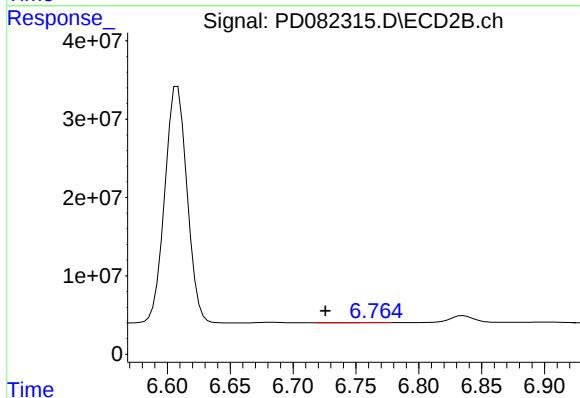
R.T.: 6.608 min  
Delta R.T.: 0.008 min  
Response: 373298512  
Conc: 5778.38 ng/ml



#25 Toxaphene-4

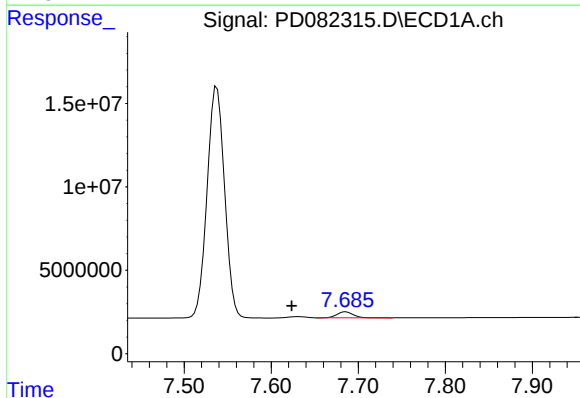
R.T.: 0.000 min  
Exp R.T.: 7.200 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM154



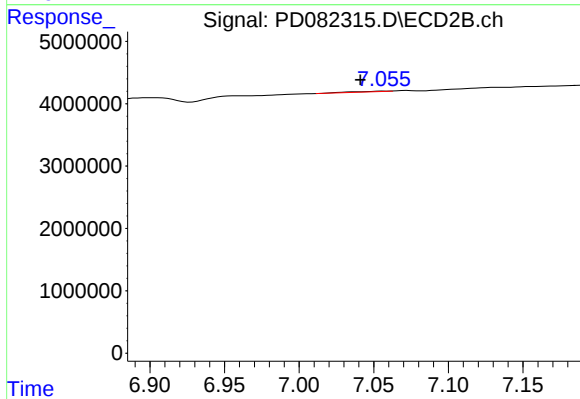
#25 Toxaphene-4

R.T.: 6.766 min  
Delta R.T.: 0.040 min  
Response: 53102  
Conc: 0.60 ng/ml



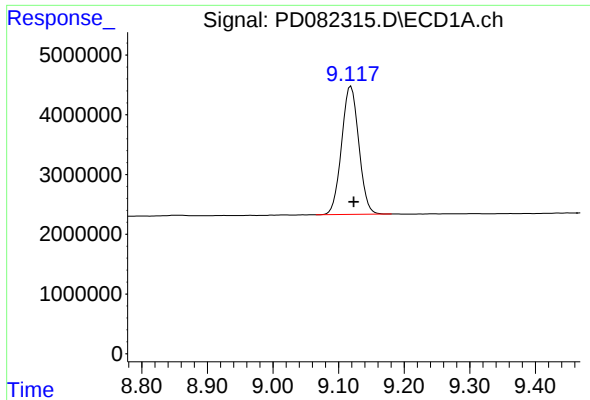
#26 Toxaphene-5

R.T.: 7.686 min  
Delta R.T.: 0.062 min  
Response: 4628667  
Conc: 182.31 ng/ml



#26 Toxaphene-5

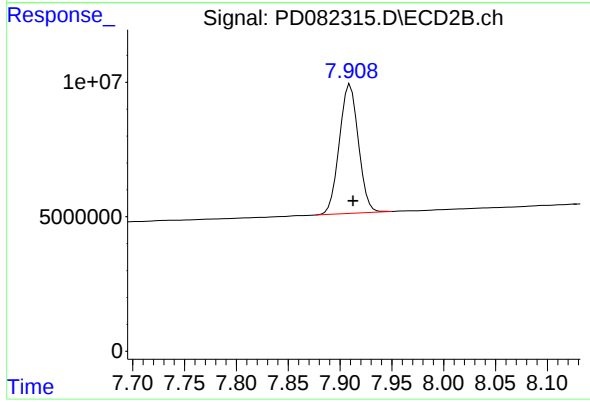
R.T.: 7.056 min  
Delta R.T.: 0.015 min  
Response: 209083  
Conc: 5.99 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.119 min  
Delta R.T.: -0.004 min  
Response: 39127917  
Conc: 21.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM154



#27 Decachlorobiphenyl

R.T.: 7.910 min  
Delta R.T.: -0.002 min  
Response: 61350285  
Conc: 23.26 ng/ml