

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110824\  
 Data File : PD086448.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Nov 2024 12:03  
 Operator : AR\AJ  
 Sample : PEM045  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM183

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 08 21:13:39 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102524CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 25 14:36:38 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

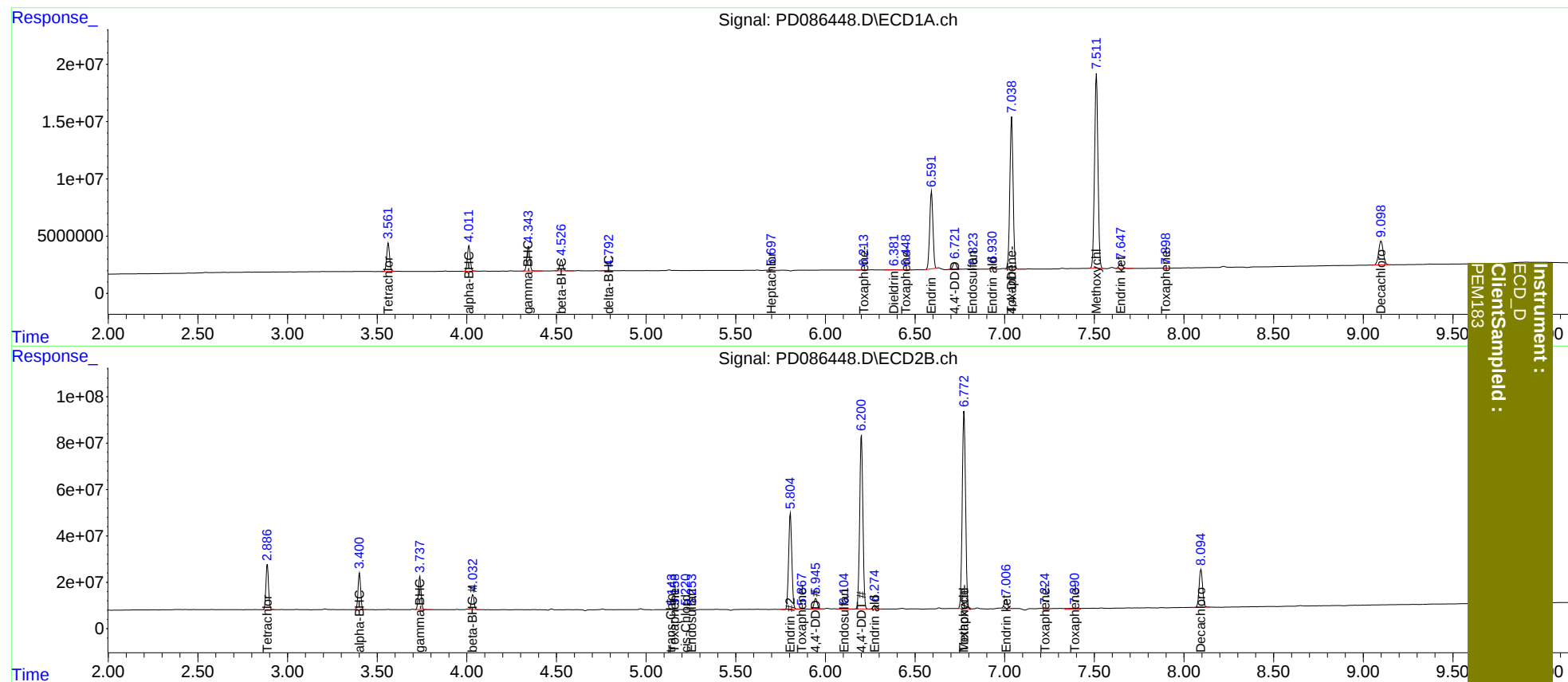
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.562  | 2.888  | 27362186 | 200.0E6  | 20.783   | 21.563     |
| 27)                         | SA Decachlor... | 9.100  | 8.095  | 37055259 | 220.3E6  | 20.669   | 23.296     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.012  | 3.402  | 24549788 | 161.3E6  | 9.862    | 11.229     |
| 3)                          | MA gamma-BHC... | 4.344  | 3.739  | 24887652 | 149.5E6  | 10.003   | 11.084     |
| 4)                          | MA Heptachlor   | 4.899f | 0.000  | 15750    | 0        | <MDL     | N.D. #     |
| 5)                          | MB Aldrin       | 5.270f | 4.374  | 34702    | 550476   | <MDL     | <MDL #     |
| 6)                          | B beta-BHC      | 4.528  | 4.034  | 11369414 | 66798748 | 10.238   | 10.654     |
| 7)                          | B delta-BHC     | 4.793  | 4.272  | 754320   | 179472   | 0.291    | <MDL #     |
| 8)                          | B Heptachlo...  | 5.698  | 4.923  | 1607296  | 364063   | 0.703    | <MDL #     |
| 9)                          | A Endosulfan I  | 6.097  | 5.255  | 11088    | 2807948  | <MDL     | 0.245 #    |
| 10)                         | B trans-Chl...  | 6.003  | 5.141  | 183766   | 8878757  | <MDL     | 0.675 #    |
| 11)                         | B cis-Chlor...  | 6.056  | 5.221  | 74963    | 5060730  | <MDL     | 0.398 #    |
| 12)                         | B 4,4'-DDE      | 6.214  | 5.393  | 145827   | 951969   | <MDL     | <MDL #     |
| 13)                         | MA Dieldrin     | 6.383  | 0.000  | 450425   | 0        | 0.197    | N.D. #     |
| 14)                         | MA Endrin       | 6.592  | 5.805  | 85151752 | 511.9E6  | 45.302   | 45.547     |
| 15)                         | B Endosulfa...  | 6.825  | 6.105  | 888320   | 2557963  | 0.443    | 0.232 #    |
| 16)                         | A 4,4'-DDD      | 6.722  | 5.947  | 7912065  | 55399489 | 4.883    | 5.644      |
| 17)                         | MA 4,4'-DDT     | 7.039  | 6.201  | 167.8E6  | 939.3E6  | 100.627  | 91.537     |
| 18)                         | B Endrin al...  | 6.932  | 6.275  | 2867311  | 20074927 | 1.922    | 2.418 #    |
| 19)                         | B Endosulfa...  | 0.000  | 6.475  | 0        | 206007   | N.D.     | <MDL       |
| 20)                         | A Methoxychlor  | 7.512  | 6.774  | 224.5E6  | 1094.4E6 | 238.580  | 230.249    |
| 21)                         | B Endrin ke...  | 7.648  | 7.008  | 6568730  | 47575372 | 3.188    | 4.158 #    |
| 22)                         | Toxaphene-1     | 6.214f | 5.160  | 145827   | 2670950  | 10.517   | 40.693 #   |
| 23)                         | Toxaphene-2     | 6.449  | 5.869  | 233184   | 826769   | 11.740   | 11.800     |
| 24)                         | Toxaphene-3     | 7.039f | 6.774  | 167.8E6  | 1094.4E6 | 3136.699 | 4762.902 # |
| 25)                         | Toxaphene-4     | 0.000  | 7.225  | 0        | 10677142 | N.D.     | 65.787     |
| 26)                         | Toxaphene-5     | 7.901f | 7.391f | 33836    | 19709321 | 1.192    | 168.525 #  |
| -----                       |                 |        |        |          |          |          |            |

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

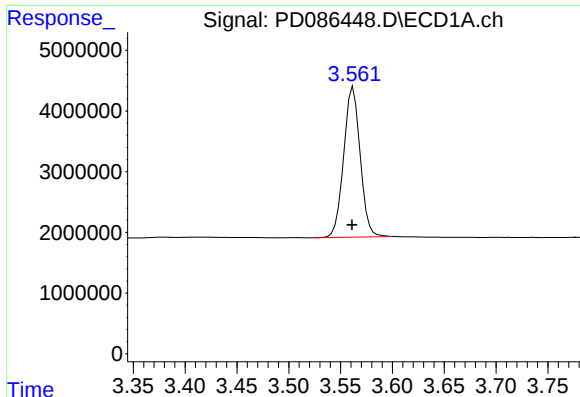
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110824\  
Data File : PD086448.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Nov 2024 12:03  
Operator : AR\AJ  
Sample : PEM045  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 08 21:13:39 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102524CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 25 14:36:38 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



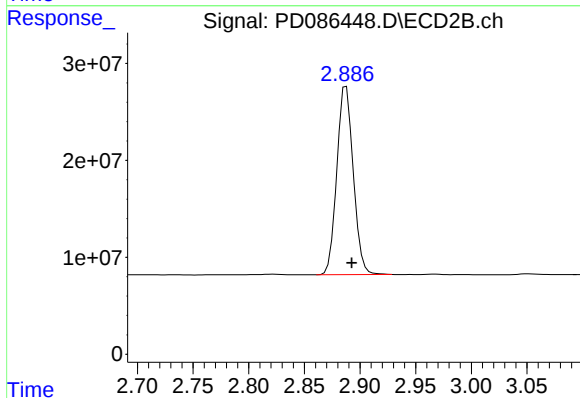
Instrument :  
ECD\_D  
ClientSampled :  
PEM183



#1 Tetrachloro-m-xylene

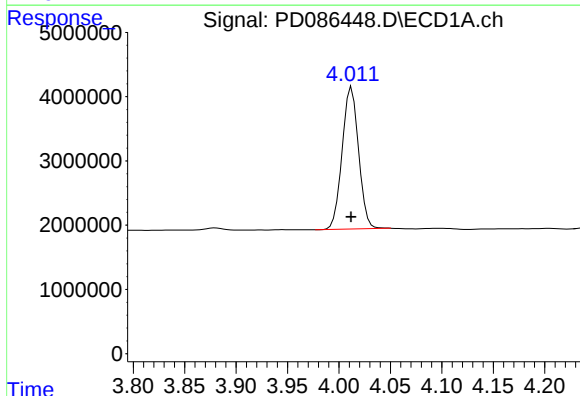
R.T.: 3.562 min  
Delta R.T.: 0.001 min  
Response: 27362186  
Conc: 20.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM183



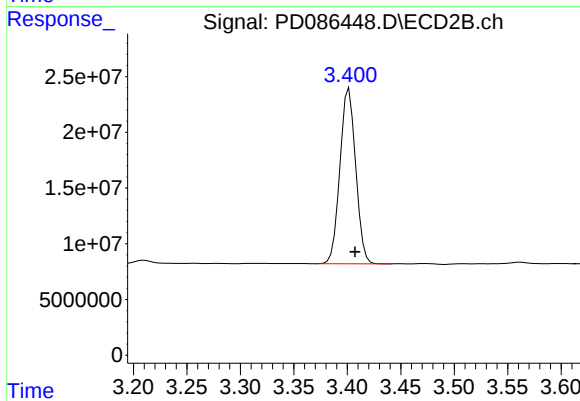
#1 Tetrachloro-m-xylene

R.T.: 2.888 min  
Delta R.T.: -0.005 min  
Response: 200017889  
Conc: 21.56 ng/ml



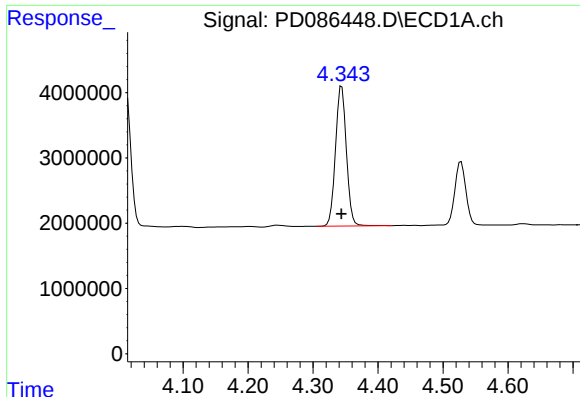
#2 alpha-BHC

R.T.: 4.012 min  
Delta R.T.: 0.000 min  
Response: 24549788  
Conc: 9.86 ng/ml



#2 alpha-BHC

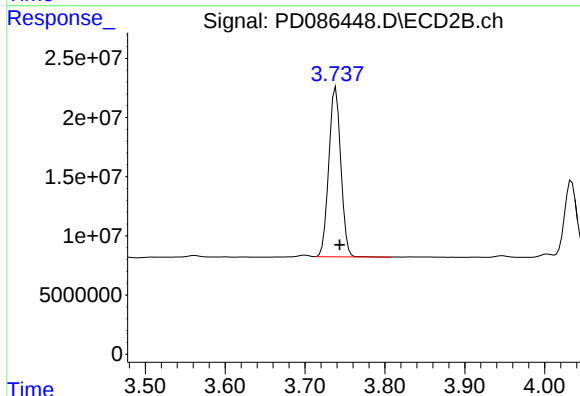
R.T.: 3.402 min  
Delta R.T.: -0.005 min  
Response: 161326750  
Conc: 11.23 ng/ml



#3 gamma-BHC (Lindane)

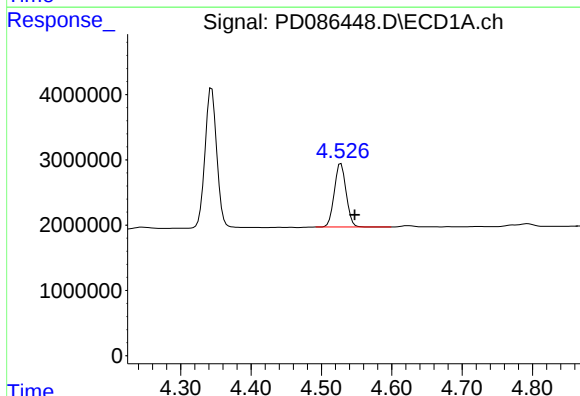
R.T.: 4.344 min  
Delta R.T.: 0.000 min  
Response: 24887652  
Conc: 10.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM183



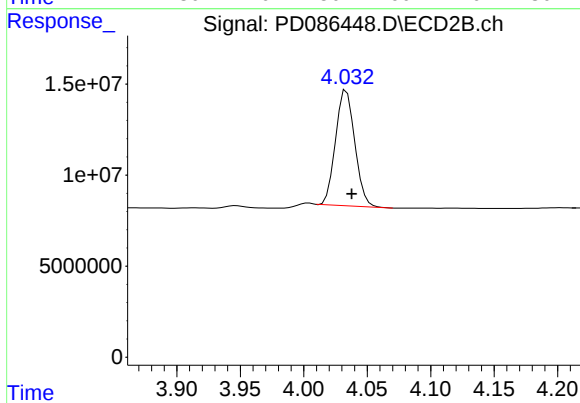
#3 gamma-BHC (Lindane)

R.T.: 3.739 min  
Delta R.T.: -0.005 min  
Response: 149495319  
Conc: 11.08 ng/ml



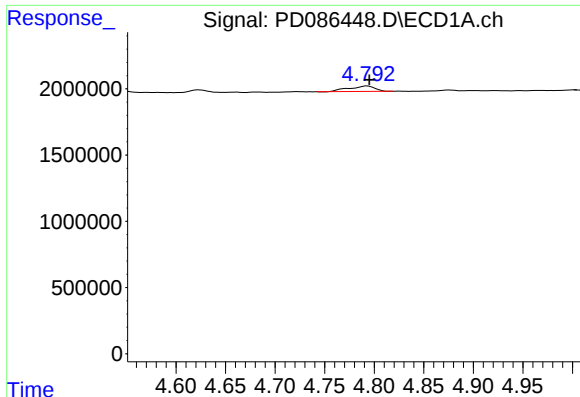
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: -0.020 min  
Response: 11369414  
Conc: 10.24 ng/ml



#6 beta-BHC

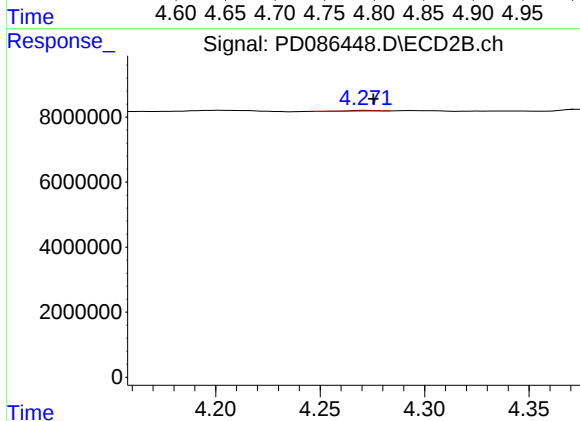
R.T.: 4.034 min  
Delta R.T.: -0.004 min  
Response: 66798748  
Conc: 10.65 ng/ml



#7 delta-BHC

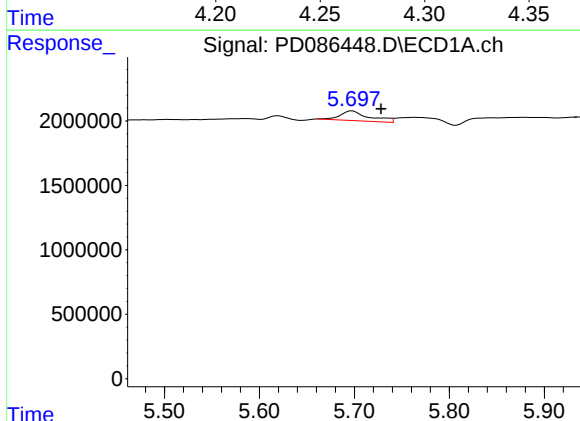
R.T.: 4.793 min  
Delta R.T.: -0.002 min  
Response: 754320  
Conc: 0.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM183



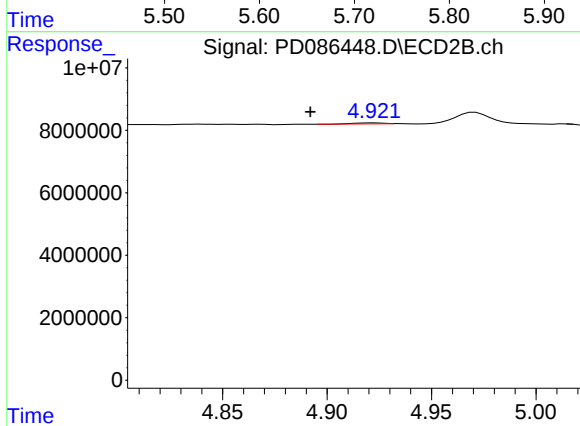
#7 delta-BHC

R.T.: 4.272 min  
Delta R.T.: -0.004 min  
Response: 179472  
Conc: N.D.



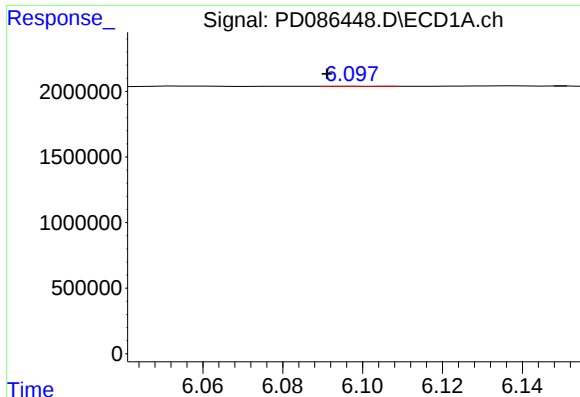
#8 Heptachlor epoxide

R.T.: 5.698 min  
Delta R.T.: -0.030 min  
Response: 1607296  
Conc: 0.70 ng/ml



#8 Heptachlor epoxide

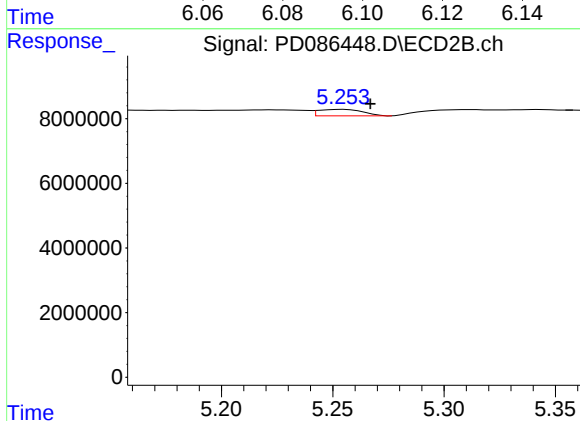
R.T.: 4.923 min  
Delta R.T.: 0.031 min  
Response: 364063  
Conc: N.D.



#9 Endosulfan I

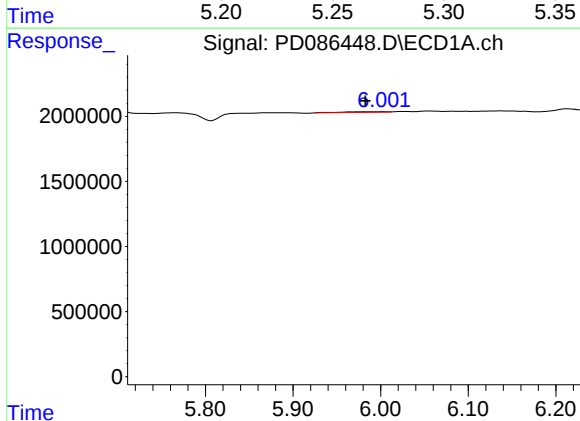
R.T.: 6.097 min  
Delta R.T.: 0.006 min  
Response: 11088  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM183



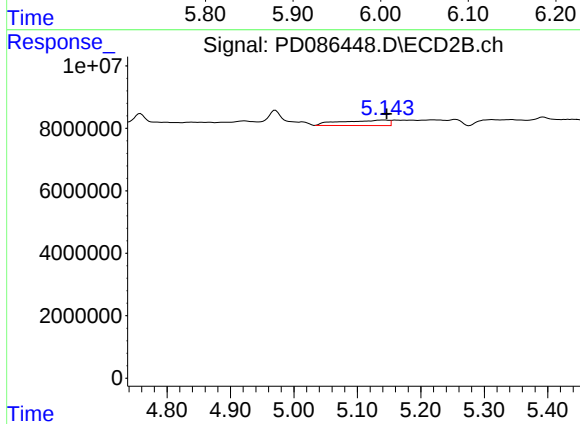
#9 Endosulfan I

R.T.: 5.255 min  
Delta R.T.: -0.012 min  
Response: 2807948  
Conc: 0.24 ng/ml



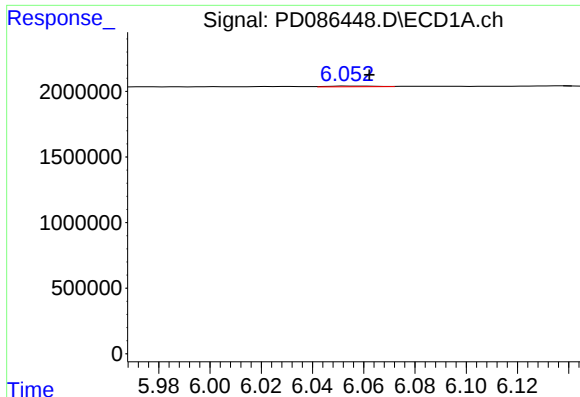
#10 trans-Chlordane

R.T.: 6.003 min  
Delta R.T.: 0.021 min  
Response: 183766  
Conc: N.D.



#10 trans-Chlordane

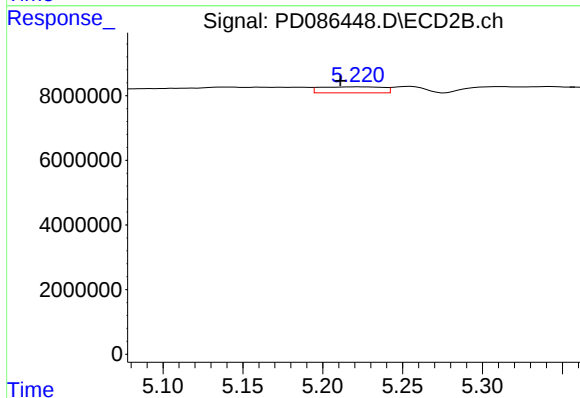
R.T.: 5.141 min  
Delta R.T.: -0.006 min  
Response: 8878757  
Conc: 0.67 ng/ml



#11 cis-Chlordane

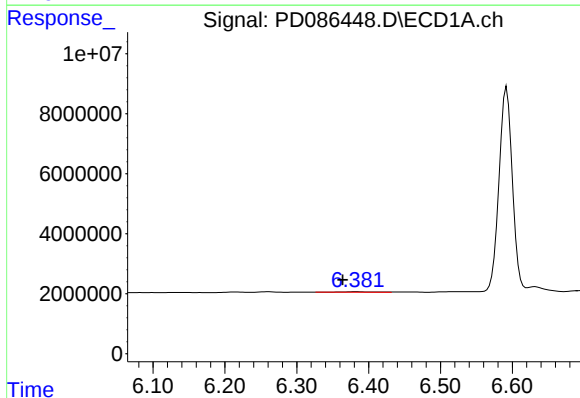
R.T.: 6.056 min  
Delta R.T.: -0.006 min  
Response: 74963  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM183



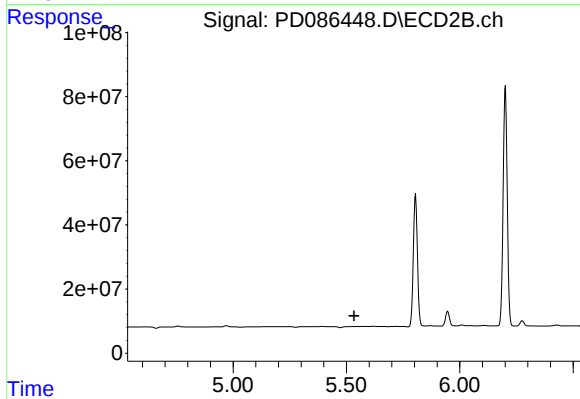
#11 cis-Chlordane

R.T.: 5.221 min  
Delta R.T.: 0.010 min  
Response: 5060730  
Conc: 0.40 ng/ml



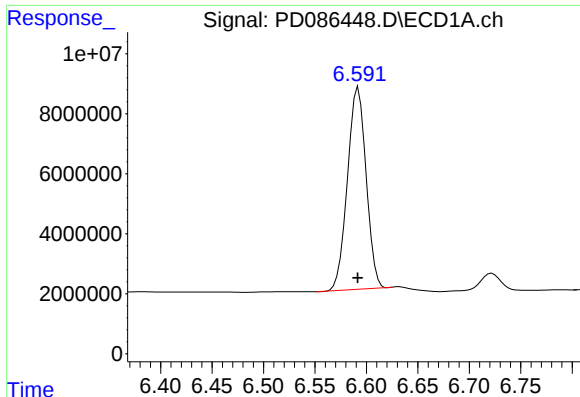
#13 Dieldrin

R.T.: 6.383 min  
Delta R.T.: 0.019 min  
Response: 450425  
Conc: 0.20 ng/ml



#13 Dieldrin

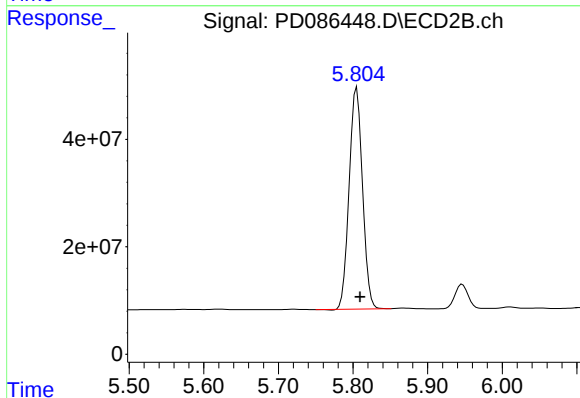
R.T.: 0.000 min  
Exp R.T.: 5.534 min  
Response: 0  
Conc: N.D.



#14 Endrin

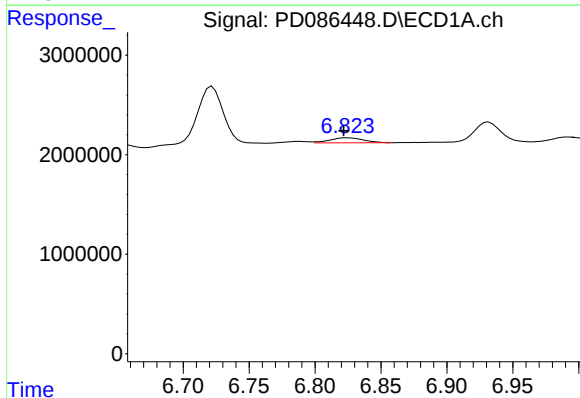
R.T.: 6.592 min  
Delta R.T.: 0.000 min  
Response: 85151752  
Conc: 45.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM183



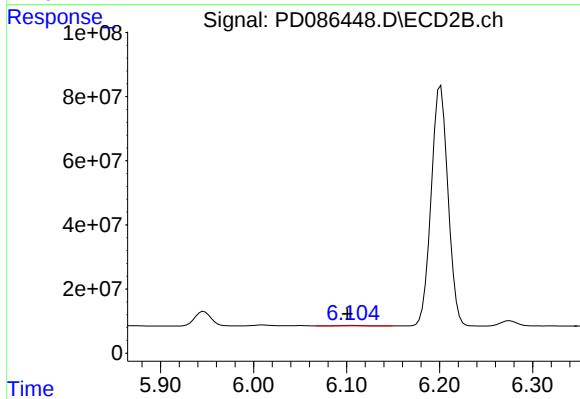
#14 Endrin

R.T.: 5.805 min  
Delta R.T.: -0.005 min  
Response: 511854133  
Conc: 45.55 ng/ml



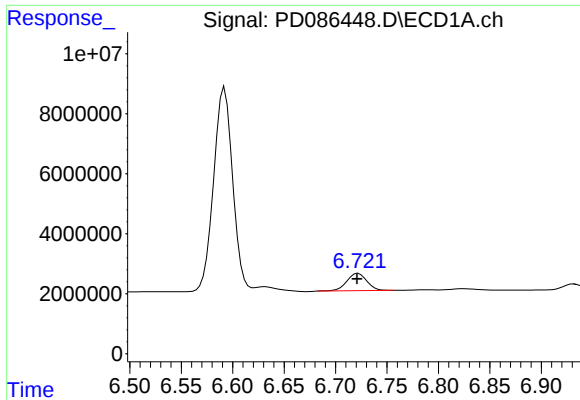
#15 Endosulfan II

R.T.: 6.825 min  
Delta R.T.: 0.003 min  
Response: 888320  
Conc: 0.44 ng/ml



#15 Endosulfan II

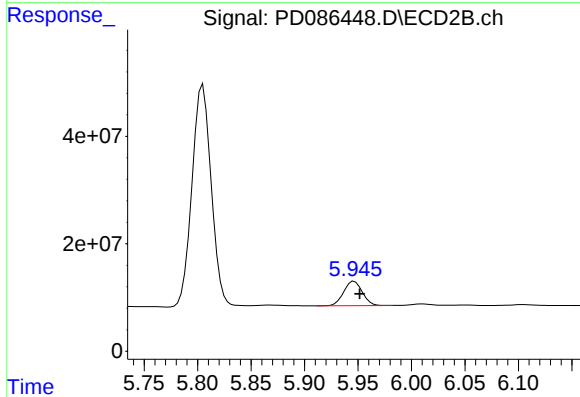
R.T.: 6.105 min  
Delta R.T.: 0.005 min  
Response: 2557963  
Conc: 0.23 ng/ml



#16 4,4'-DDD

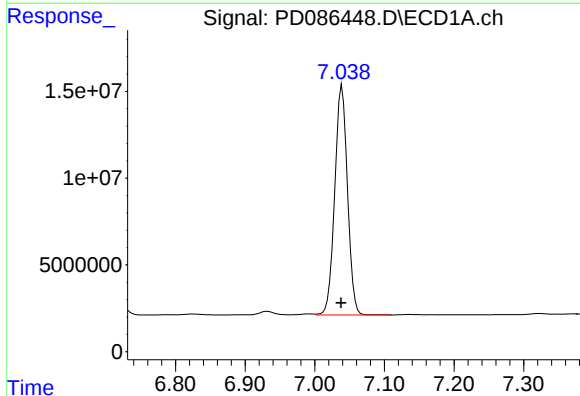
R.T.: 6.722 min  
Delta R.T.: 0.001 min  
Response: 7912065  
Conc: 4.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM183



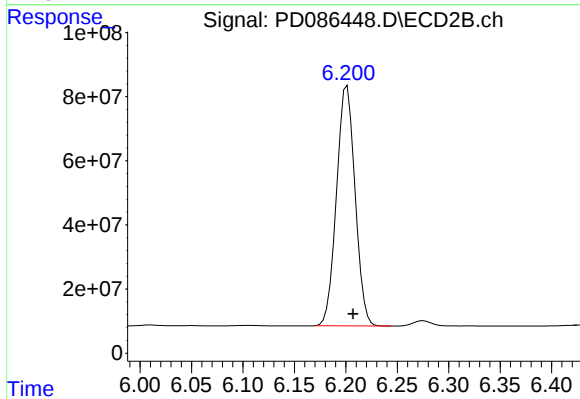
#16 4,4'-DDD

R.T.: 5.947 min  
Delta R.T.: -0.005 min  
Response: 55399489  
Conc: 5.64 ng/ml



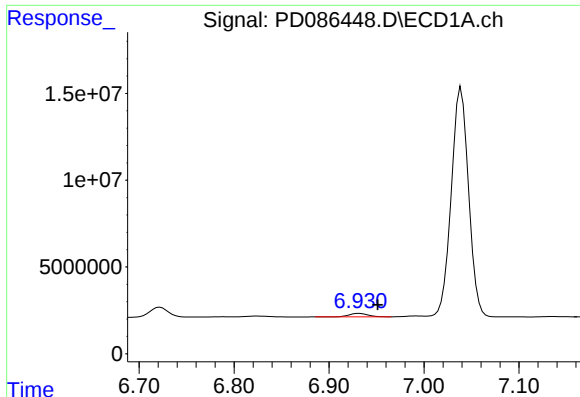
#17 4,4'-DDT

R.T.: 7.039 min  
Delta R.T.: 0.002 min  
Response: 167769876  
Conc: 100.63 ng/ml



#17 4,4'-DDT

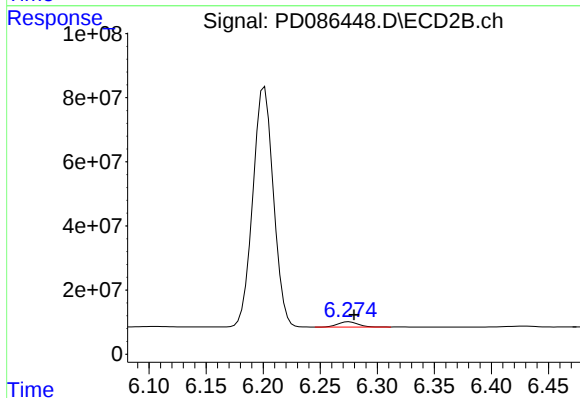
R.T.: 6.201 min  
Delta R.T.: -0.006 min  
Response: 939334349  
Conc: 91.54 ng/ml



#18 Endrin aldehyde

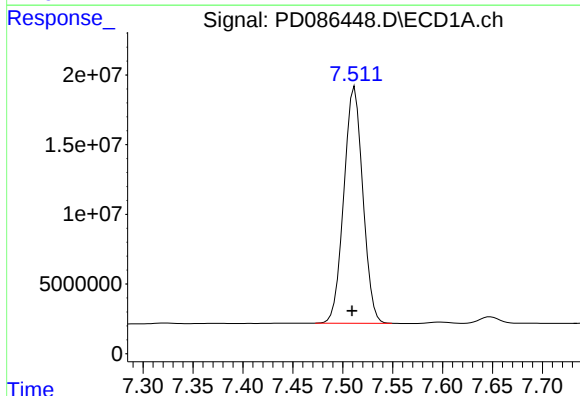
R.T.: 6.932 min  
Delta R.T.: -0.019 min  
Response: 2867311  
Conc: 1.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM183



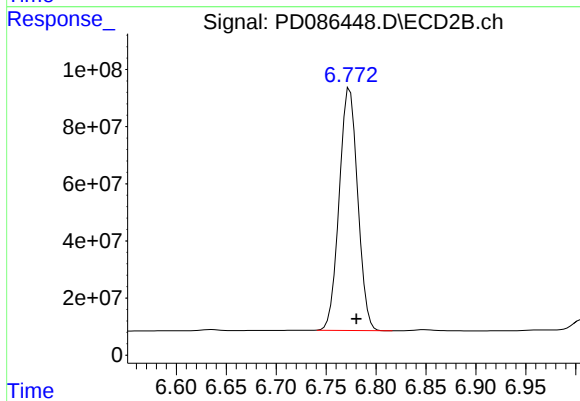
#18 Endrin aldehyde

R.T.: 6.275 min  
Delta R.T.: -0.004 min  
Response: 20074927  
Conc: 2.42 ng/ml



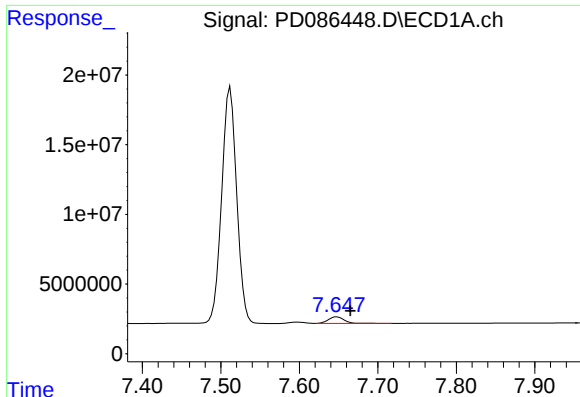
#20 Methoxychlor

R.T.: 7.512 min  
Delta R.T.: 0.003 min  
Response: 224530470  
Conc: 238.58 ng/ml



#20 Methoxychlor

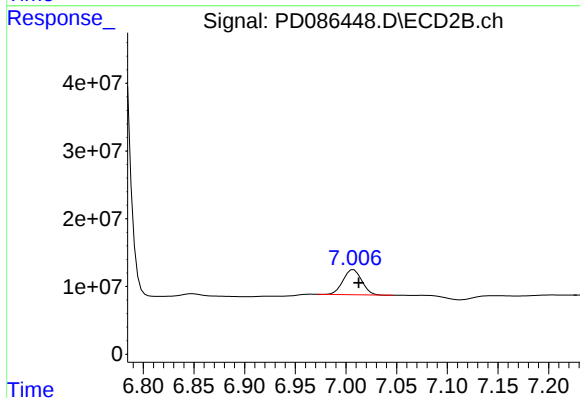
R.T.: 6.774 min  
Delta R.T.: -0.007 min  
Response: 1094442914  
Conc: 230.25 ng/ml



#21 Endrin ketone

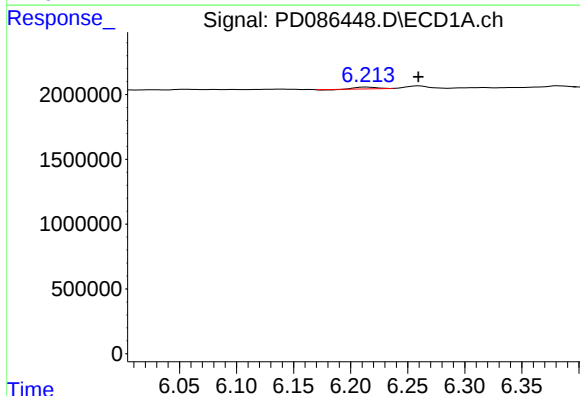
R.T.: 7.648 min  
Delta R.T.: -0.017 min  
Response: 6568730  
Conc: 3.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM183



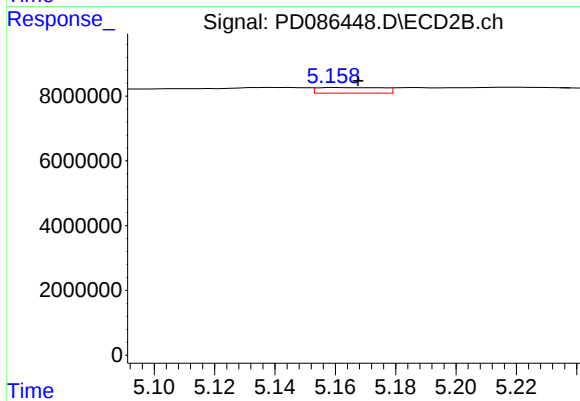
#21 Endrin ketone

R.T.: 7.008 min  
Delta R.T.: -0.005 min  
Response: 47575372  
Conc: 4.16 ng/ml



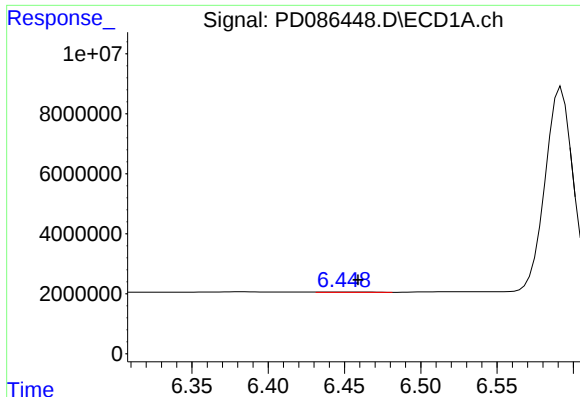
#22 Toxaphene-1

R.T.: 6.214 min  
Delta R.T.: -0.045 min  
Response: 145827  
Conc: 10.52 ng/ml



#22 Toxaphene-1

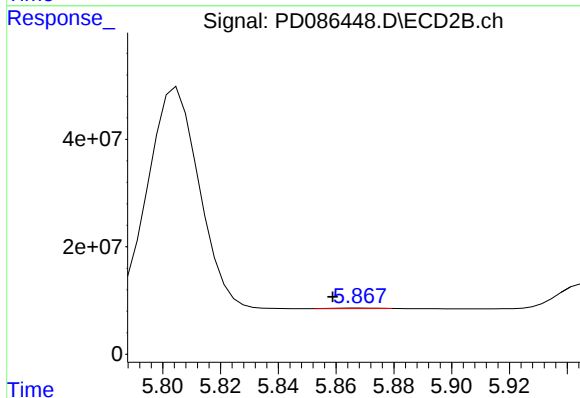
R.T.: 5.160 min  
Delta R.T.: -0.007 min  
Response: 2670950  
Conc: 40.69 ng/ml



#23 Toxaphene-2

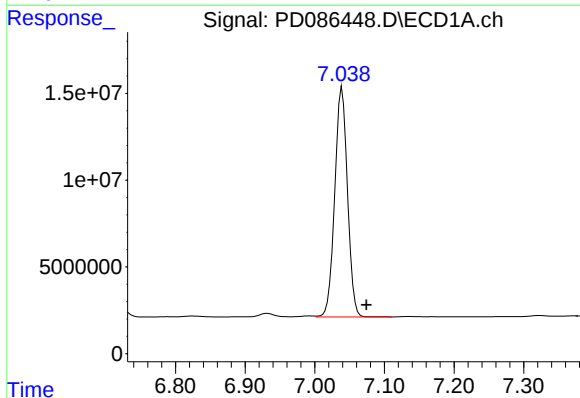
R.T.: 6.449 min  
Delta R.T.: -0.010 min  
Response: 233184  
Conc: 11.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM183



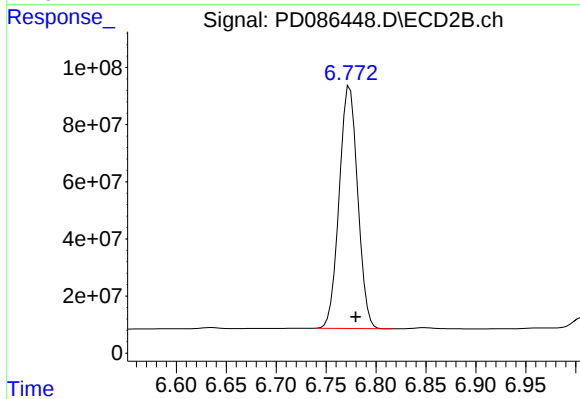
#23 Toxaphene-2

R.T.: 5.869 min  
Delta R.T.: 0.010 min  
Response: 826769  
Conc: 11.80 ng/ml



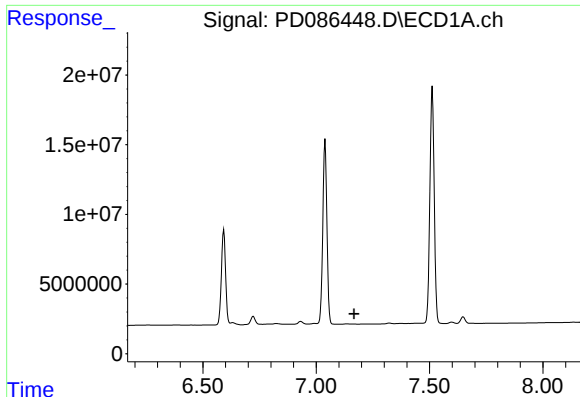
#24 Toxaphene-3

R.T.: 7.039 min  
Delta R.T.: -0.035 min  
Response: 167769876  
Conc: 3136.70 ng/ml



#24 Toxaphene-3

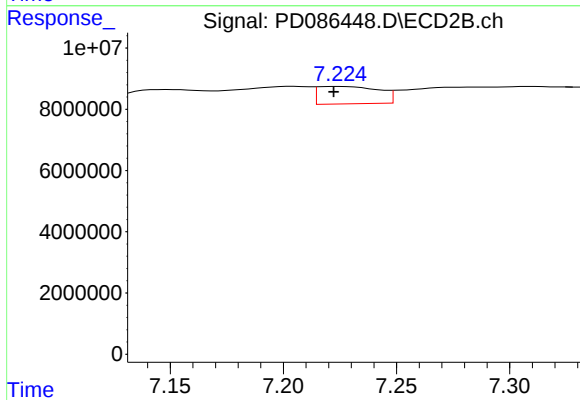
R.T.: 6.774 min  
Delta R.T.: -0.006 min  
Response: 1094442914  
Conc: 4762.90 ng/ml



#25 Toxaphene-4

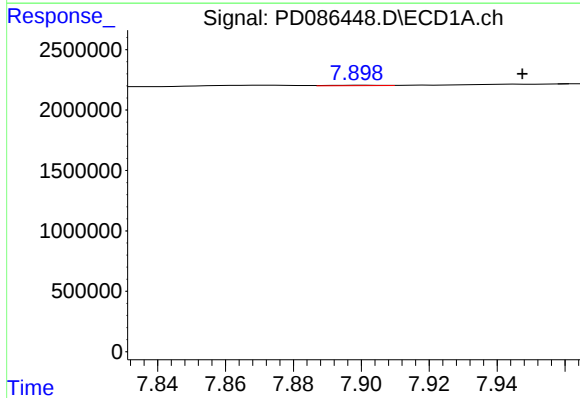
R.T.: 0.000 min  
Exp R.T.: 7.167 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM183



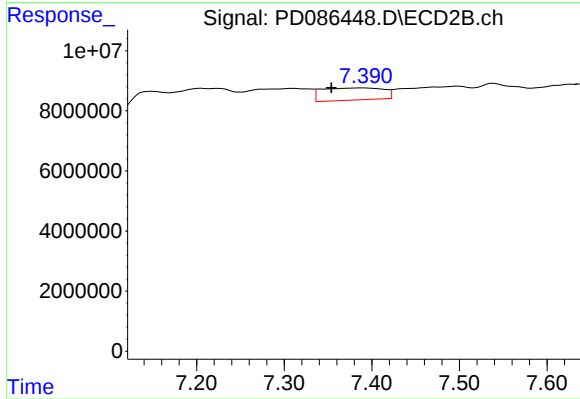
#25 Toxaphene-4

R.T.: 7.225 min  
Delta R.T.: 0.003 min  
Response: 10677142  
Conc: 65.79 ng/ml



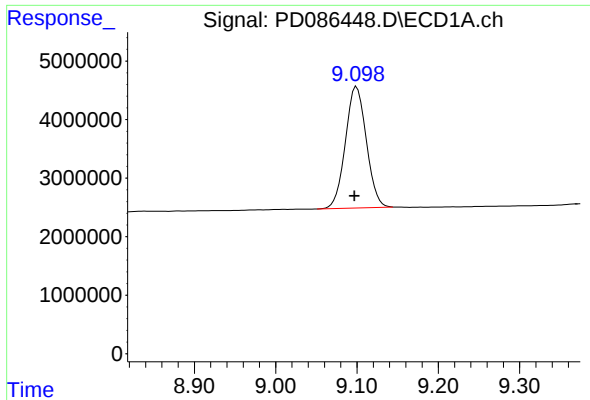
#26 Toxaphene-5

R.T.: 7.901 min  
Delta R.T.: -0.047 min  
Response: 33836  
Conc: 1.19 ng/ml



#26 Toxaphene-5

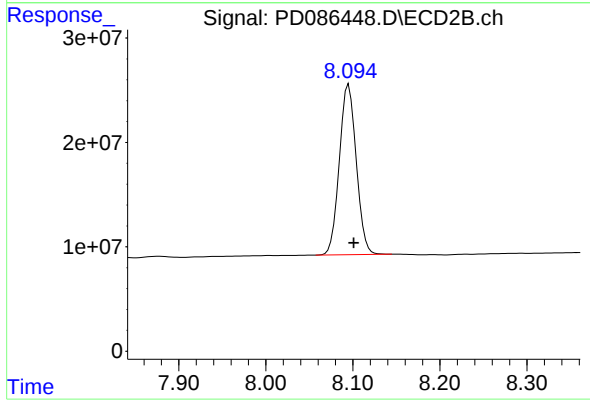
R.T.: 7.391 min  
Delta R.T.: 0.037 min  
Response: 19709321  
Conc: 168.53 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.100 min  
Delta R.T.: 0.003 min  
Response: 37055259  
Conc: 20.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM183



#27 Decachlorobiphenyl

R.T.: 8.095 min  
Delta R.T.: -0.006 min  
Response: 220284505  
Conc: 23.30 ng/ml