

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112224\  
 Data File : PD086895.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Nov 2024 12:43  
 Operator : AR\AJ  
 Sample : P4875-09  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 E2A23

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 22 00:37:22 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112024CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 20 02:52:29 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

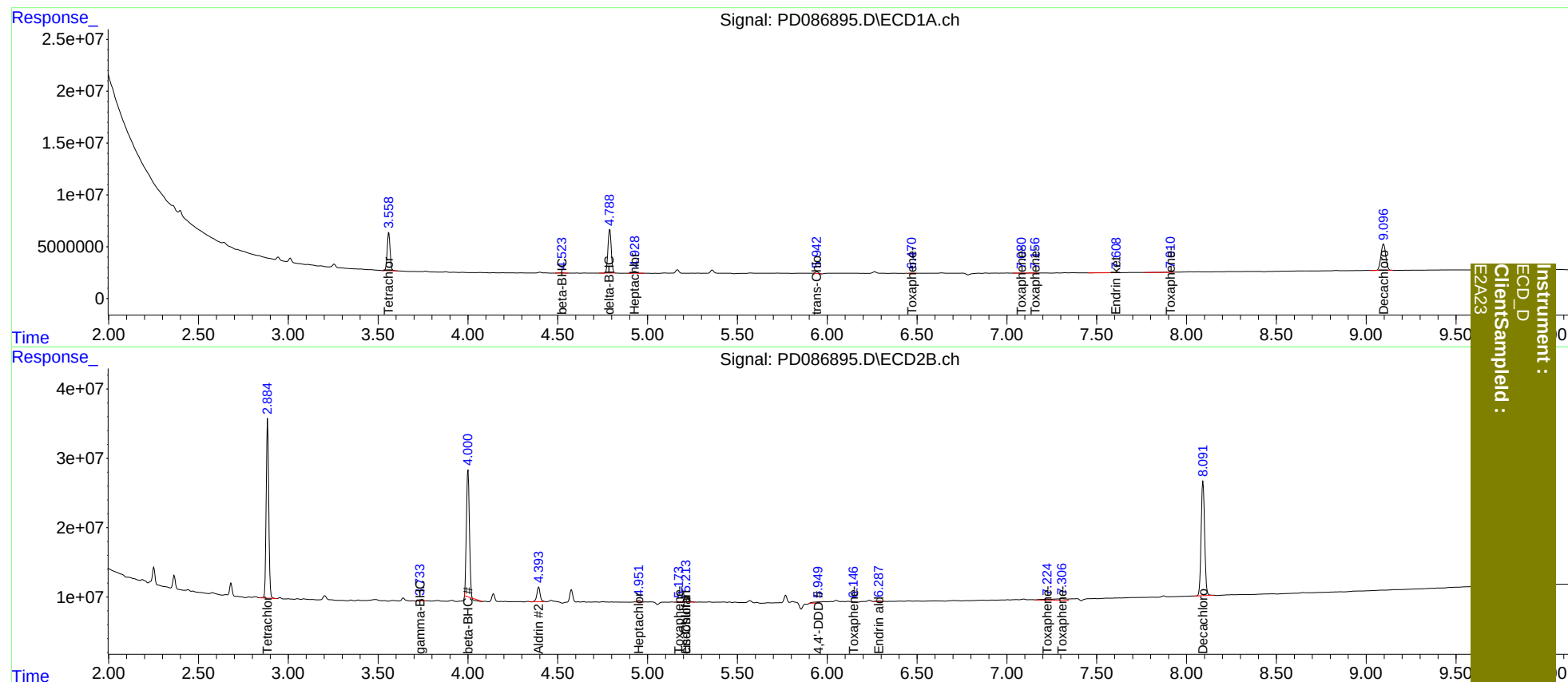
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.560  | 2.885  | 41559659 | 256.3E6  | 22.600 | 22.211   |
| 27)                         | SA Decachlor... | 9.097  | 8.092  | 47565430 | 223.2E6  | 17.865 | 17.517   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.028  | 3.390  | -58021   | 989822   | N.D.   | <MDL     |
| 3)                          | MA gamma-BHC... | 4.297f | 3.734  | 46520    | 1890937  | <MDL   | 0.113 #  |
| 4)                          | MA Heptachlor   | 4.930  | 4.096  | 2642477  | 408636   | 0.760  | <MDL #   |
| 5)                          | MB Aldrin       | 5.281  | 4.394  | 149866   | 26396040 | <MDL   | 1.545 #  |
| 6)                          | B beta-BHC      | 4.524  | 4.001f | 452939   | 209.0E6  | 0.286  | 26.461 # |
| 7)                          | B delta-BHC     | 4.790  | 0.000  | 54260093 | 0        | 14.909 | N.D. #   |
| 8)                          | B Heptachlo...  | 5.726  | 4.953f | 281064   | 2899145  | <MDL   | 0.183 #  |
| 9)                          | A Endosulfan I  | 6.091  | 5.214f | 295143   | 13453583 | <MDL   | 0.930 #  |
| 10)                         | B trans-Chl...  | 5.943  | 5.132  | 2146625  | 303035   | 0.671  | <MDL #   |
| 11)                         | B cis-Chlor...  | 6.038  | 5.214  | 36434    | 13453583 | <MDL   | 0.840 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.428f | 0        | 342828   | N.D.   | <MDL     |
| 13)                         | MA Dieldrin     | 6.372  | 0.000  | 141729   | 0        | <MDL   | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.708  | 5.950  | 69057    | 4214687  | <MDL   | 0.349 #  |
| 17)                         | MA 4,4'-DDT     | 7.003  | 6.198  | 229389   | 144259   | <MDL   | <MDL #   |
| 18)                         | B Endrin al...  | 6.935  | 6.288  | -70333   | 1484877  | N.D.   | 0.138    |
| 19)                         | B Endosulfa...  | 7.158  | 6.496  | 89909    | 1692     | <MDL   | <MDL #   |
| 21)                         | B Endrin ke...  | 7.610  | 7.005  | 341059   | 241873   | 0.112  | <MDL #   |
| 22)                         | Toxaphene-1     | 0.000  | 5.174  | 0        | 730592   | N.D.   | 8.955    |
| 23)                         | Toxaphene-2     | 6.471  | 6.146  | 232805   | 268688   | 8.220  | 2.997 #  |
| 24)                         | Toxaphene-3     | 7.084  | 6.774  | 102288   | -261414  | 1.263  | N.D. #   |
| 25)                         | Toxaphene-4     | 7.158  | 7.224  | 89909    | 4038106  | 1.492  | 19.534 # |
| 26)                         | Toxaphene-5     | 7.913  | 7.307f | 859152   | 11757804 | 19.477 | 74.902 # |
| -----                       |                 |        |        |          |          |        |          |

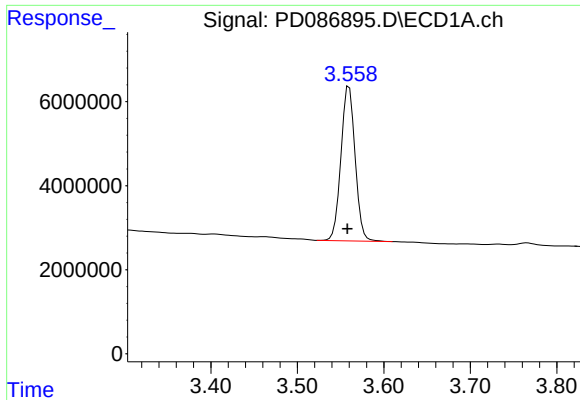
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112224\  
Data File : PD086895.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Nov 2024 12:43  
Operator : AR\AJ  
Sample : P4875-09  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 22 00:37:22 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112024CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 20 02:52:29 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

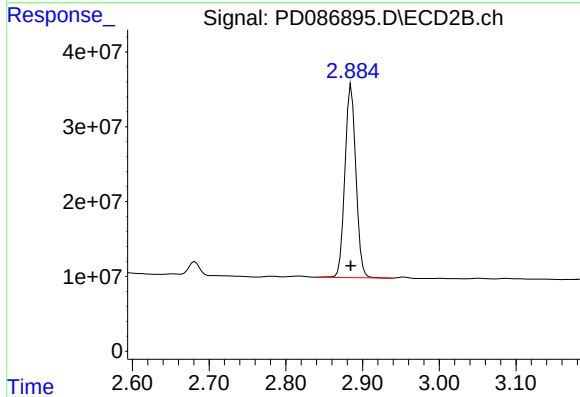




#1 Tetrachloro-m-xylene

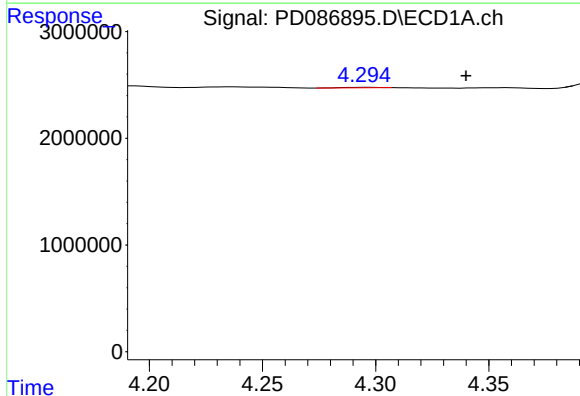
R.T.: 3.560 min  
Delta R.T.: 0.002 min  
Response: 41559659  
Conc: 22.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E2A23



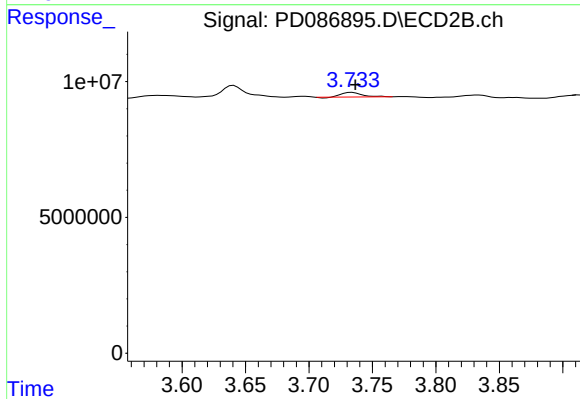
#1 Tetrachloro-m-xylene

R.T.: 2.885 min  
Delta R.T.: 0.000 min  
Response: 256329559  
Conc: 22.21 ng/ml



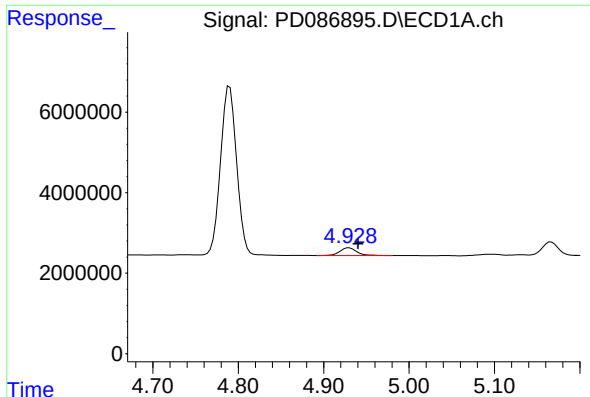
#3 gamma-BHC (Lindane)

R.T.: 4.297 min  
Delta R.T.: -0.043 min  
Response: 46520  
Conc: N.D.



#3 gamma-BHC (Lindane)

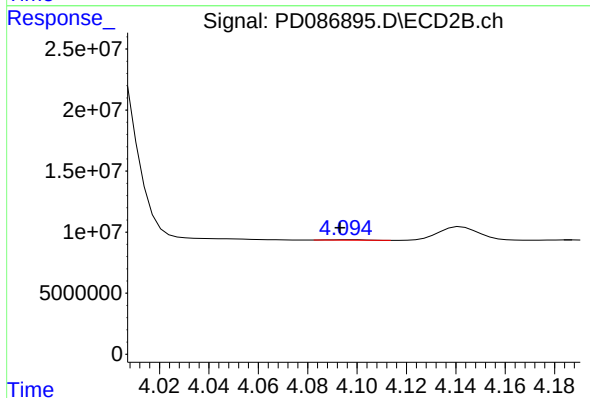
R.T.: 3.734 min  
Delta R.T.: -0.003 min  
Response: 1890937  
Conc: 0.11 ng/ml



#4 Heptachlor

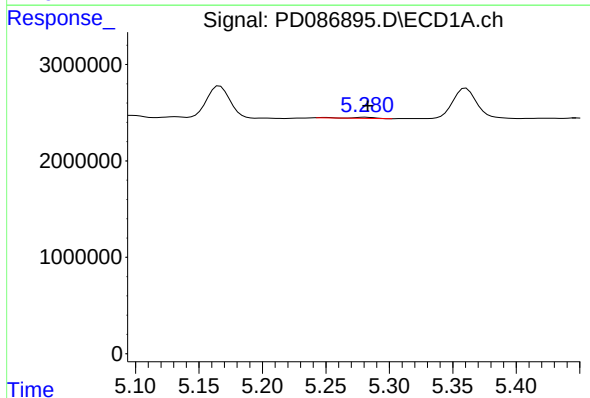
R.T.: 4.930 min  
Delta R.T.: -0.011 min  
Response: 2642477  
Conc: 0.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E2A23



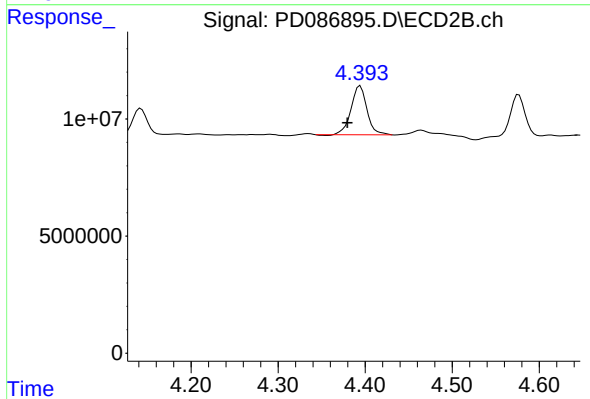
#4 Heptachlor

R.T.: 4.096 min  
Delta R.T.: 0.003 min  
Response: 408636  
Conc: N.D.



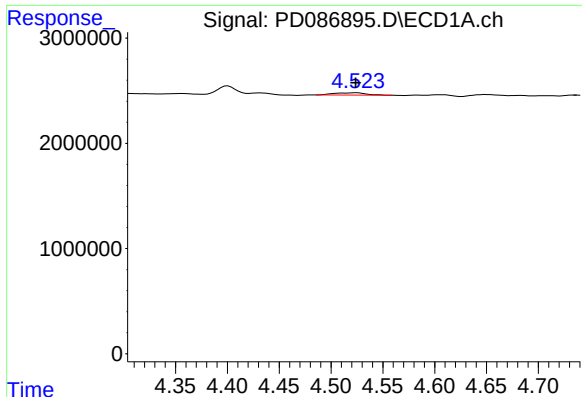
#5 Aldrin

R.T.: 5.281 min  
Delta R.T.: -0.002 min  
Response: 149866  
Conc: N.D.



#5 Aldrin

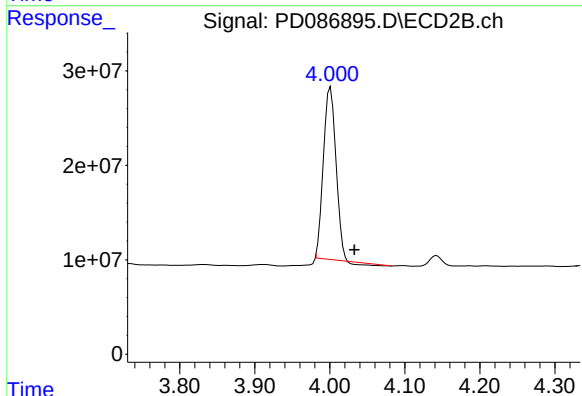
R.T.: 4.394 min  
Delta R.T.: 0.015 min  
Response: 26396040  
Conc: 1.55 ng/ml



#6 beta-BHC

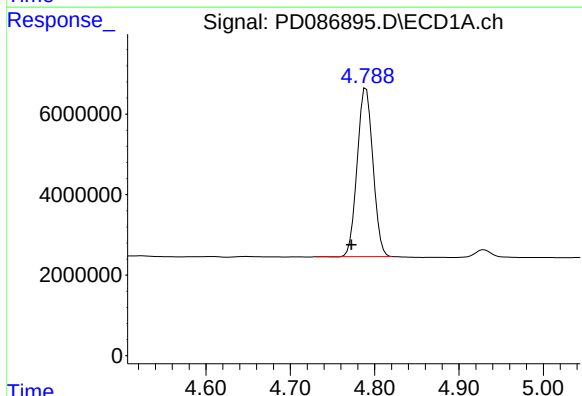
R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 452939  
Conc: 0.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E2A23



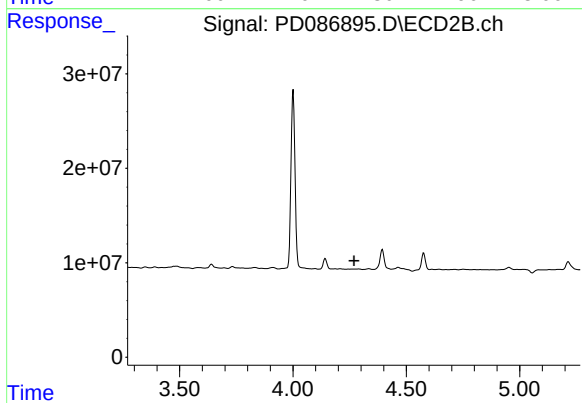
#6 beta-BHC

R.T.: 4.001 min  
Delta R.T.: -0.032 min  
Response: 209031896  
Conc: 26.46 ng/ml



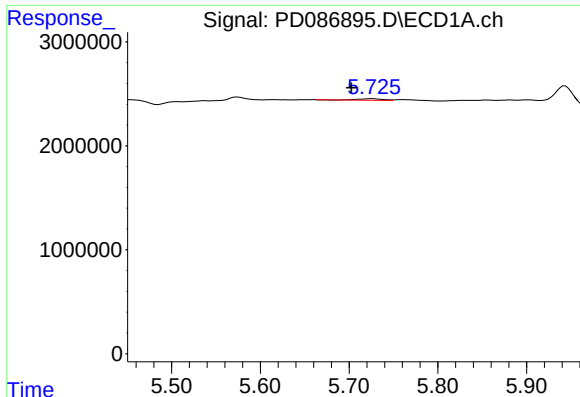
#7 delta-BHC

R.T.: 4.790 min  
Delta R.T.: 0.018 min  
Response: 54260093  
Conc: 14.91 ng/ml



#7 delta-BHC

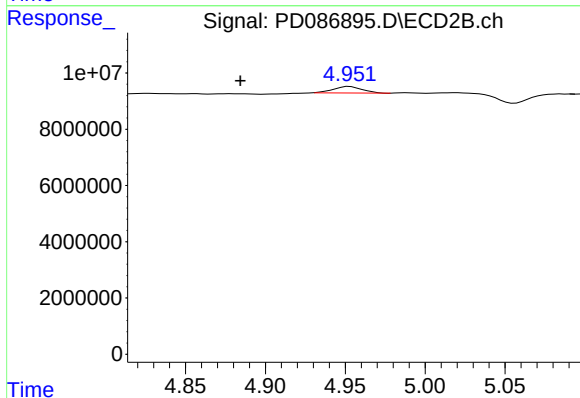
R.T.: 0.000 min  
Exp R.T. : 4.270 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

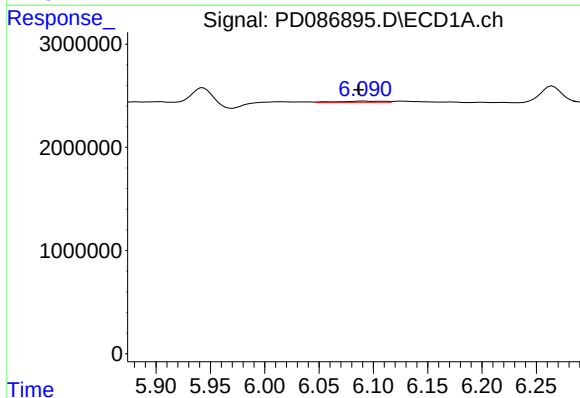
R.T.: 5.726 min  
Delta R.T.: 0.023 min  
Response: 281064  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
E2A23



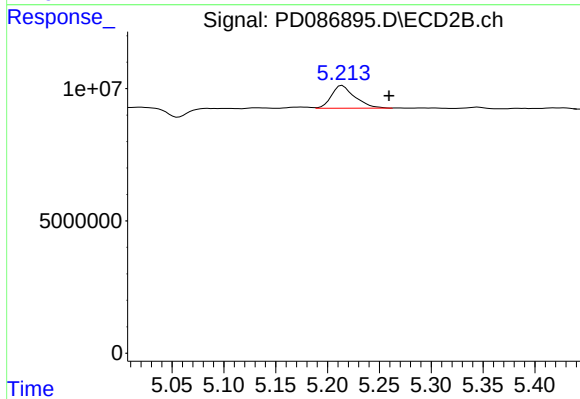
#8 Heptachlor epoxide

R.T.: 4.953 min  
Delta R.T.: 0.068 min  
Response: 2899145  
Conc: 0.18 ng/ml



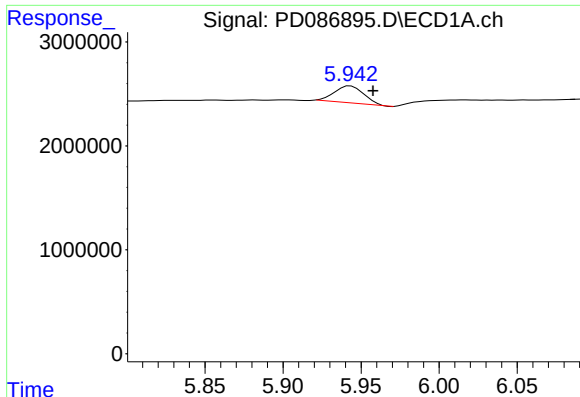
#9 Endosulfan I

R.T.: 6.091 min  
Delta R.T.: 0.005 min  
Response: 295143  
Conc: N.D.



#9 Endosulfan I

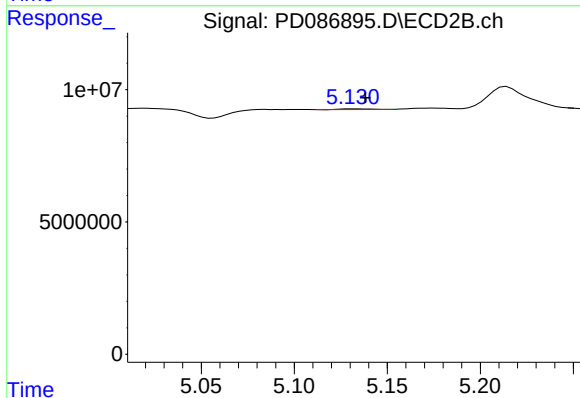
R.T.: 5.214 min  
Delta R.T.: -0.045 min  
Response: 13453583  
Conc: 0.93 ng/ml



#10 trans-Chlordane

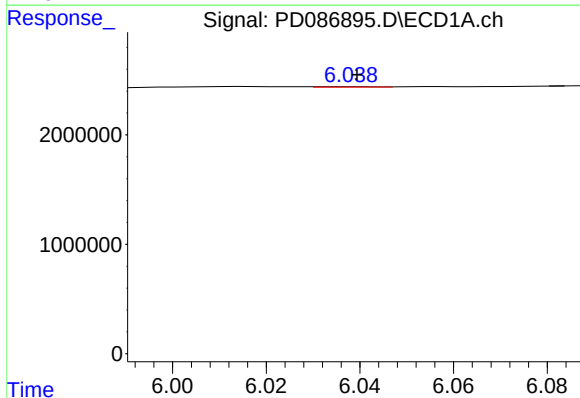
R.T.: 5.943 min  
Delta R.T.: -0.014 min  
Response: 2146625  
Conc: 0.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E2A23



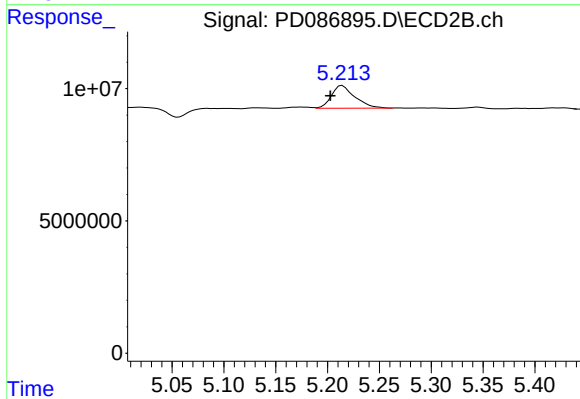
#10 trans-Chlordane

R.T.: 5.132 min  
Delta R.T.: -0.006 min  
Response: 303035  
Conc: N.D.



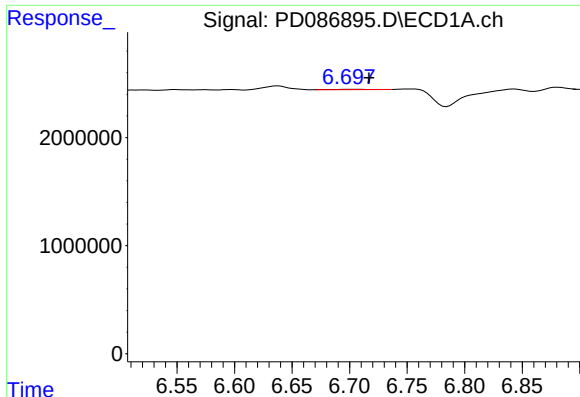
#11 cis-Chlordane

R.T.: 6.038 min  
Delta R.T.: -0.001 min  
Response: 36434  
Conc: N.D.



#11 cis-Chlordane

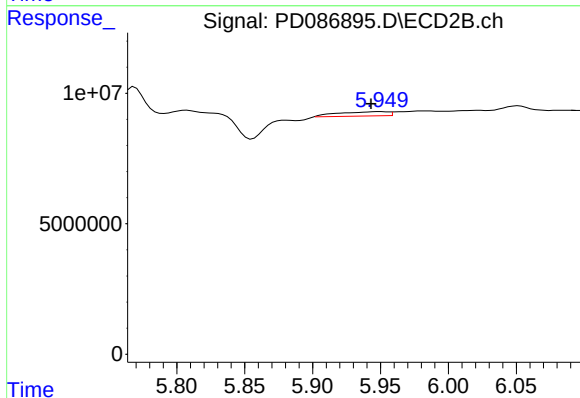
R.T.: 5.214 min  
Delta R.T.: 0.011 min  
Response: 13453583  
Conc: 0.84 ng/ml



#16 4,4'-DDD

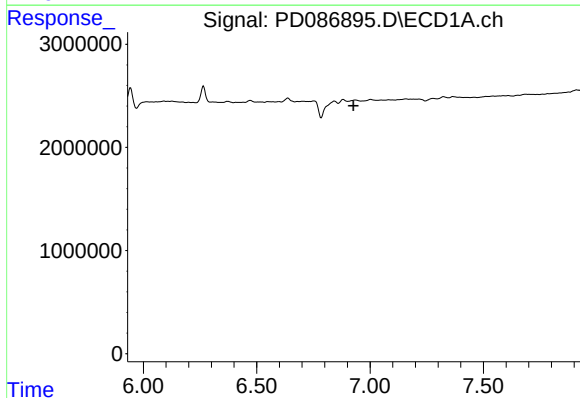
R.T.: 6.708 min  
Delta R.T.: -0.009 min  
Response: 69057  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
E2A23



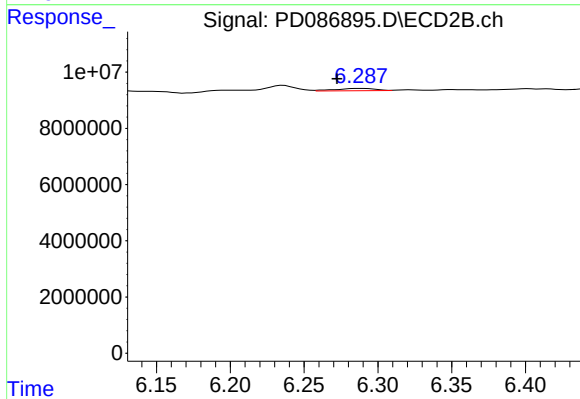
#16 4,4'-DDD

R.T.: 5.950 min  
Delta R.T.: 0.007 min  
Response: 4214687  
Conc: 0.35 ng/ml



#18 Endrin aldehyde

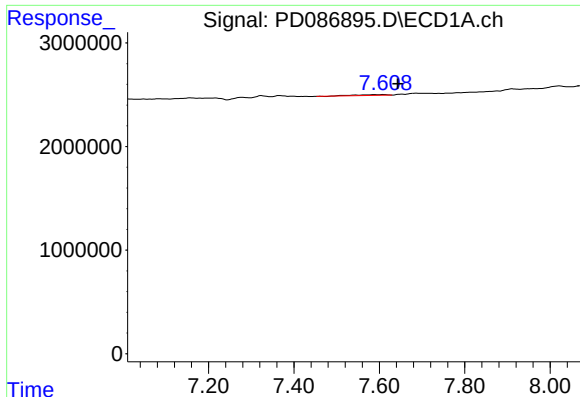
R.T.: 6.935 min  
Delta R.T.: 0.008 min  
Response: -70333  
Conc: N.D.



#18 Endrin aldehyde

R.T.: 6.288 min  
Delta R.T.: 0.016 min  
Response: 1484877  
Conc: 0.14 ng/ml

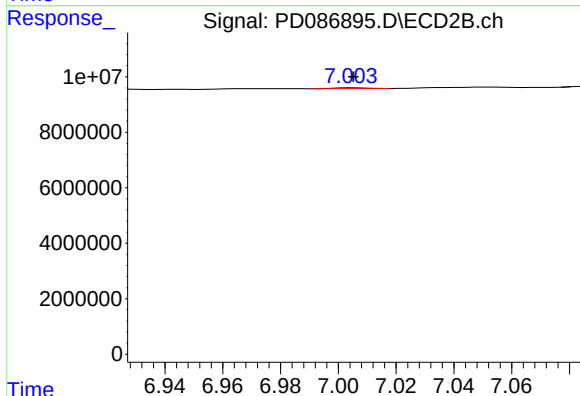




#21 Endrin ketone

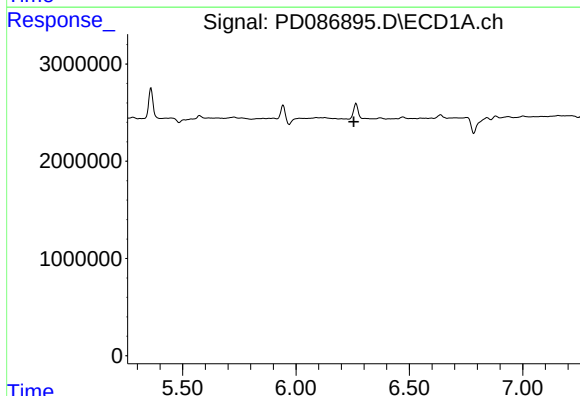
R.T.: 7.610 min  
Delta R.T.: -0.033 min  
Response: 341059  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E2A23



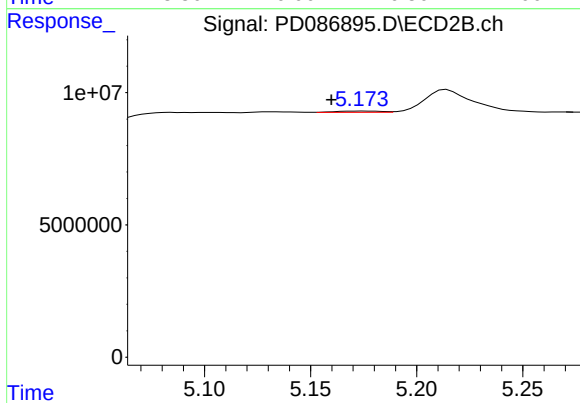
#21 Endrin ketone

R.T.: 7.005 min  
Delta R.T.: 0.000 min  
Response: 241873  
Conc: N.D.



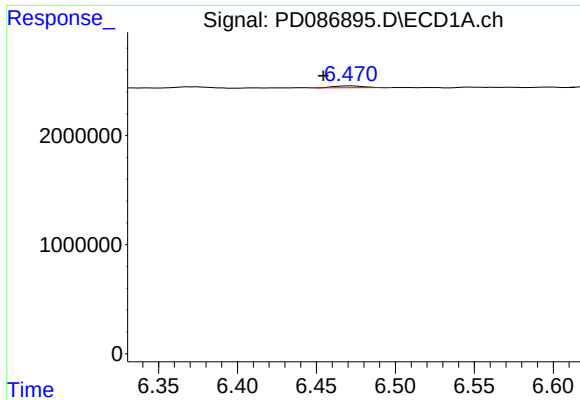
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 6.255 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

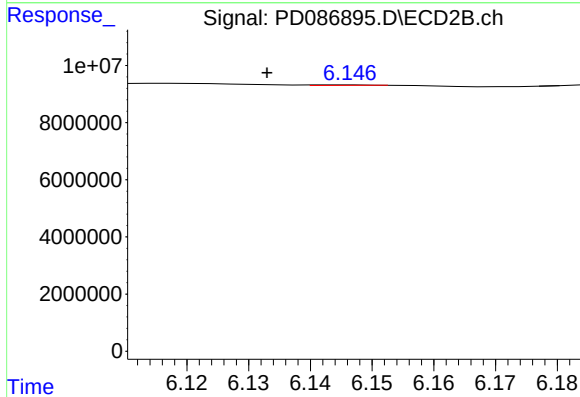
R.T.: 5.174 min  
Delta R.T.: 0.014 min  
Response: 730592  
Conc: 8.95 ng/ml



#23 Toxaphene-2

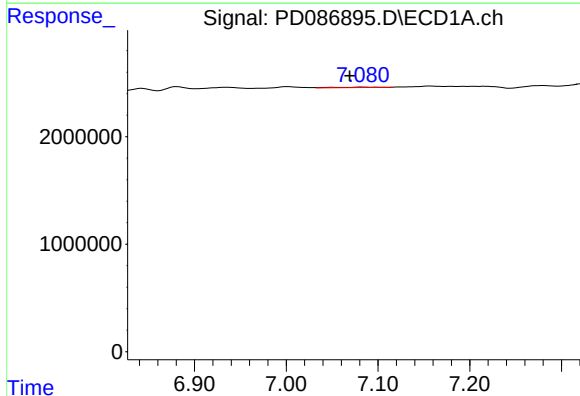
R.T.: 6.471 min  
Delta R.T.: 0.017 min  
Response: 232805  
Conc: 8.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E2A23



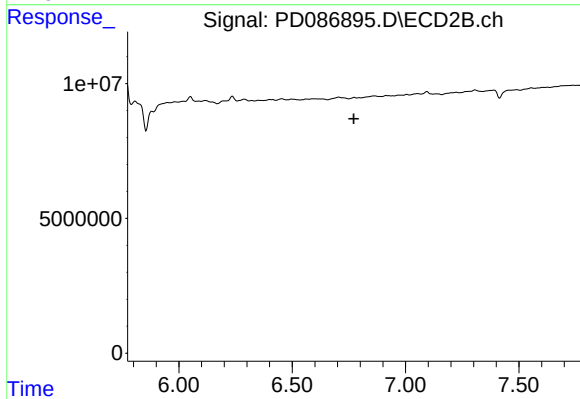
#23 Toxaphene-2

R.T.: 6.146 min  
Delta R.T.: 0.013 min  
Response: 268688  
Conc: 3.00 ng/ml



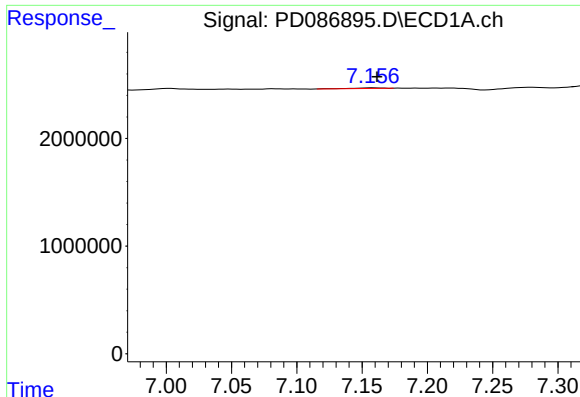
#24 Toxaphene-3

R.T.: 7.084 min  
Delta R.T.: 0.015 min  
Response: 102288  
Conc: 1.26 ng/ml



#24 Toxaphene-3

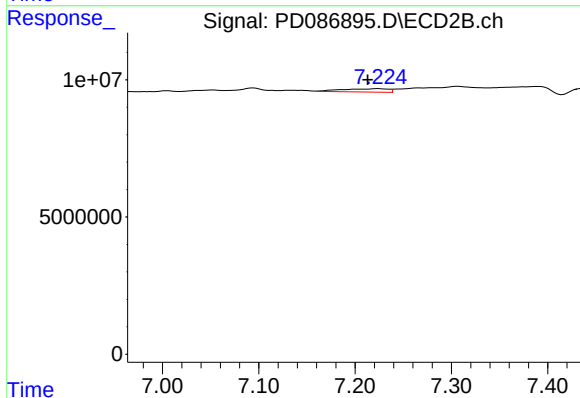
R.T.: 6.774 min  
Delta R.T.: 0.003 min  
Response: -261414  
Conc: N.D.



#25 Toxaphene-4

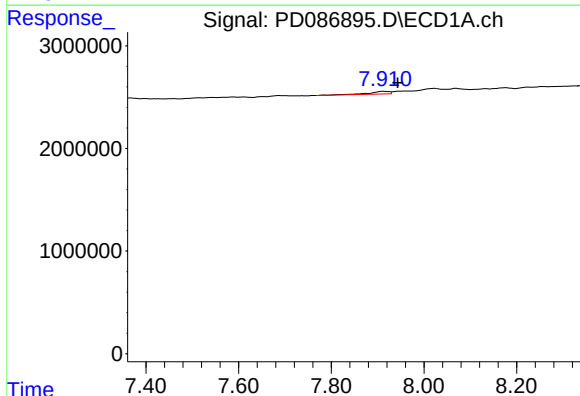
R.T.: 7.158 min  
Delta R.T.: -0.003 min  
Response: 89909  
Conc: 1.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E2A23



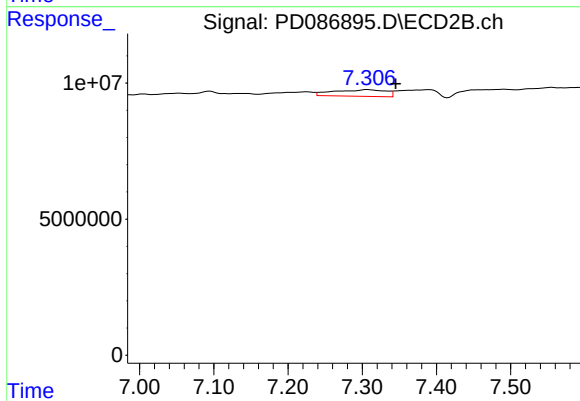
#25 Toxaphene-4

R.T.: 7.224 min  
Delta R.T.: 0.011 min  
Response: 4038106  
Conc: 19.53 ng/ml



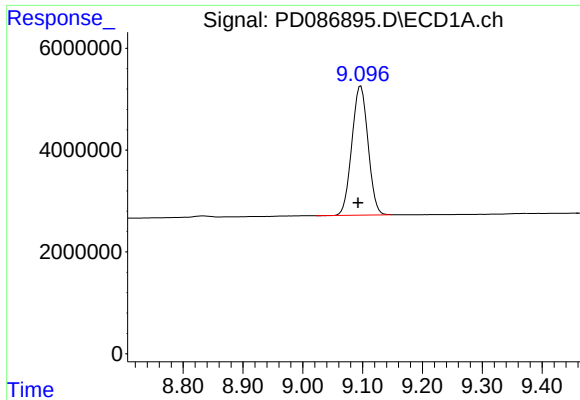
#26 Toxaphene-5

R.T.: 7.913 min  
Delta R.T.: -0.031 min  
Response: 859152  
Conc: 19.48 ng/ml



#26 Toxaphene-5

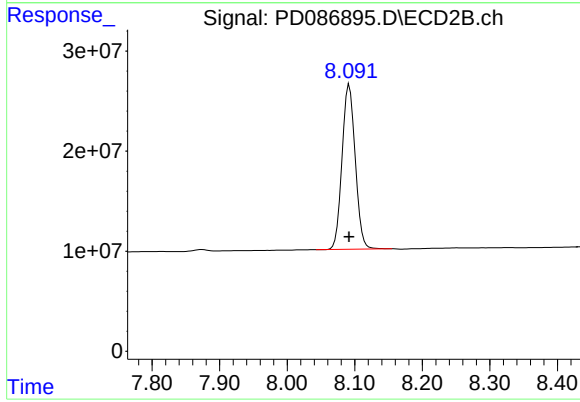
R.T.: 7.307 min  
Delta R.T.: -0.038 min  
Response: 11757804  
Conc: 74.90 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.097 min  
Delta R.T.: 0.004 min  
Response: 47565430  
Conc: 17.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E2A23



#27 Decachlorobiphenyl

R.T.: 8.092 min  
Delta R.T.: 0.000 min  
Response: 223247682  
Conc: 17.52 ng/ml