

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020325\  
 Data File : PD087693-1.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Feb 2025 21:26  
 Operator : AR\AJ  
 Sample : PEM057  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 04 08:31:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011625CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 16 13:39:07 2025  
 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

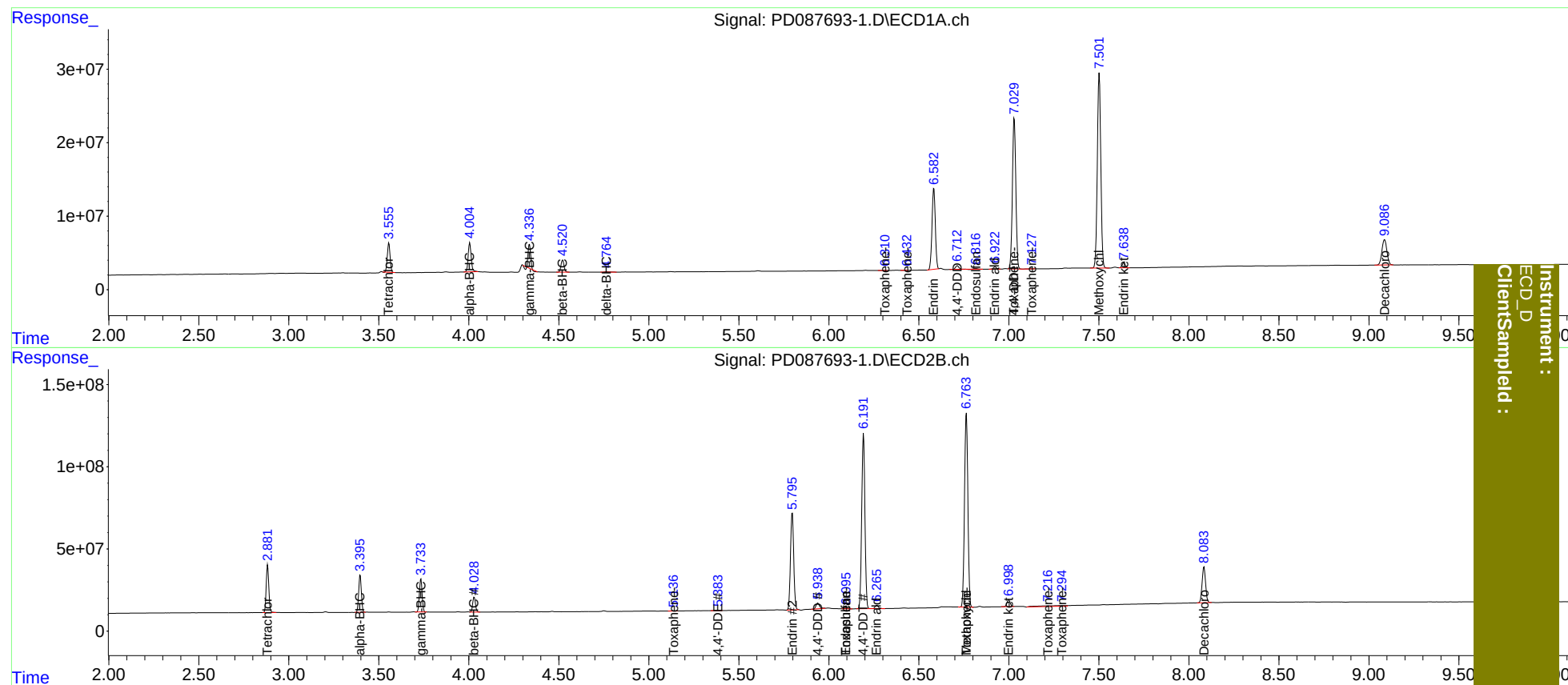
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.556  | 2.882  | 43121352 | 291.9E6  | 21.159   | 23.602     |
| 27)                         | SA Decachlor... | 9.087  | 8.084  | 65940899 | 293.9E6  | 19.723   | 20.290     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.005  | 3.397  | 45632691 | 236.2E6  | 10.984   | 11.927     |
| 3)                          | MA gamma-BHC... | 4.337  | 3.734  | 26997066 | 212.3E6  | 6.711    | 11.589 #   |
| 4)                          | MA Heptachlor   | 4.939  | 0.000  | 30801    | 0        | <MDL     | N.D. #     |
| 5)                          | MB Aldrin       | 5.293  | 4.370  | -6682    | 661468   | N.D.     | <MDL       |
| 6)                          | B beta-BHC      | 4.521  | 4.030  | 18808865 | 99128172 | 10.472   | 11.621     |
| 7)                          | B delta-BHC     | 4.766  | 4.269  | 914112   | 680932   | 0.221    | <MDL #     |
| 8)                          | B Heptachlo...  | 5.686  | 4.864  | 101155   | 29377    | <MDL     | <MDL #     |
| 9)                          | A Endosulfan I  | 6.105  | 5.257  | 21443    | 803155   | <MDL     | <MDL #     |
| 10)                         | B trans-Chl...  | 0.000  | 5.138  | 0        | 1789671  | N.D.     | <MDL       |
| 11)                         | B cis-Chlor...  | 6.055  | 5.209  | 36807    | 806452   | <MDL     | <MDL #     |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.385  | 0        | 2298332  | N.D.     | 0.140      |
| 13)                         | MA Dieldrin     | 6.376  | 5.487  | 262603   | 114921   | <MDL     | <MDL #     |
| 14)                         | MA Endrin       | 6.583  | 5.797  | 141.3E6  | 740.4E6  | 43.540   | 49.551     |
| 15)                         | B Endosulfa...  | 6.817  | 6.096  | 899580   | 3692207  | 0.279    | 0.249      |
| 16)                         | A 4,4'-DDD      | 6.714  | 5.939  | 6410626  | 45993269 | 2.332    | 3.440 #    |
| 17)                         | MA 4,4'-DDT     | 7.030  | 6.192  | 270.5E6  | 1320.6E6 | 93.318   | 95.826     |
| 18)                         | B Endrin al...  | 6.923  | 6.267  | 3867541  | 25206127 | 1.535    | 2.186 #    |
| 19)                         | B Endosulfa...  | 7.129  | 6.473  | 198034   | 471255   | <MDL     | <MDL #     |
| 20)                         | A Methoxychlor  | 7.502  | 6.764  | 354.2E6  | 1540.1E6 | 223.570  | 250.050    |
| 21)                         | B Endrin ke...  | 7.639  | 7.000  | 8399086  | 51935144 | 2.440    | 3.270 #    |
| 22)                         | Toxaphene-1     | 6.314f | 5.138  | 45519    | 1789671  | 1.992    | 20.619 #   |
| 23)                         | Toxaphene-2     | 6.433  | 6.096  | 6030     | 3692207  | 0.187    | 39.448 #   |
| 24)                         | Toxaphene-3     | 7.030f | 6.764  | 270.5E6  | 1540.1E6 | 3047.223 | 5174.362 # |
| 25)                         | Toxaphene-4     | 7.129  | 7.217  | 198034   | 28307994 | 3.034    | 133.627 #  |
| 26)                         | Toxaphene-5     | 0.000  | 7.296f | 0        | 20400651 | N.D.     | 131.551    |
| -----                       |                 |        |        |          |          |          |            |

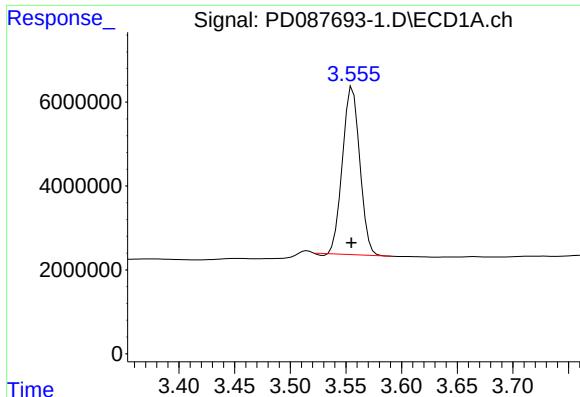
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011625CLP.M  
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QLast Update : Thu Jan 16 13:39:07 2025  
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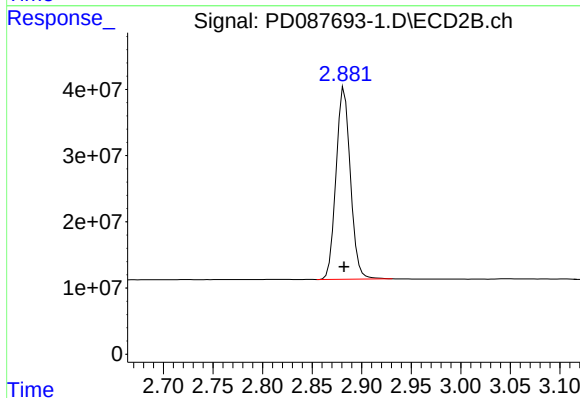




#1 Tetrachloro-m-xylene

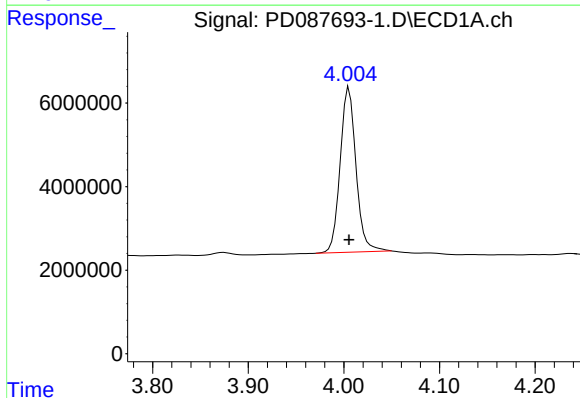
R.T.: 3.556 min  
Delta R.T.: 0.000 min  
Response: 43121352  
Conc: 21.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



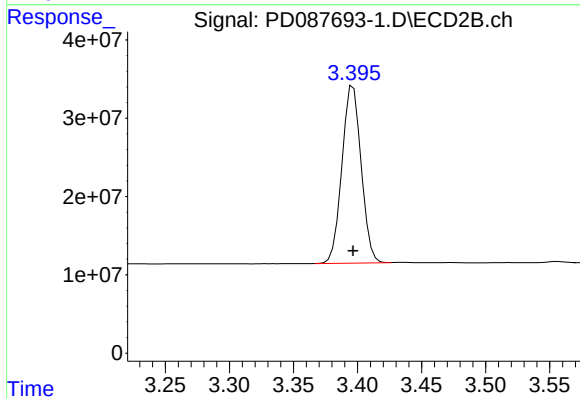
#1 Tetrachloro-m-xylene

R.T.: 2.882 min  
Delta R.T.: 0.000 min  
Response: 291901048  
Conc: 23.60 ng/ml



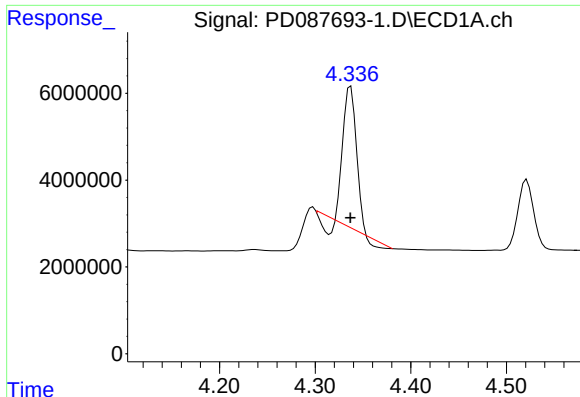
#2 alpha-BHC

R.T.: 4.005 min  
Delta R.T.: 0.000 min  
Response: 45632691  
Conc: 10.98 ng/ml



#2 alpha-BHC

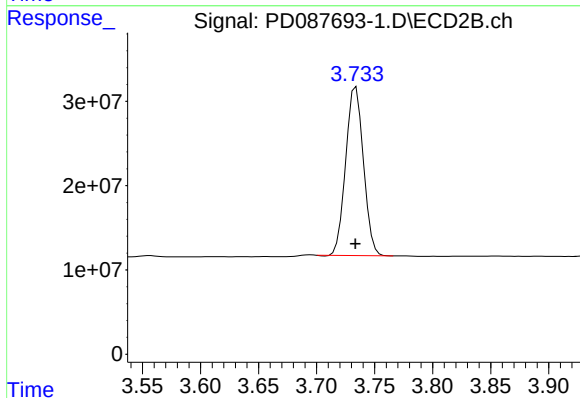
R.T.: 3.397 min  
Delta R.T.: 0.000 min  
Response: 236171923  
Conc: 11.93 ng/ml



#3 gamma-BHC (Lindane)

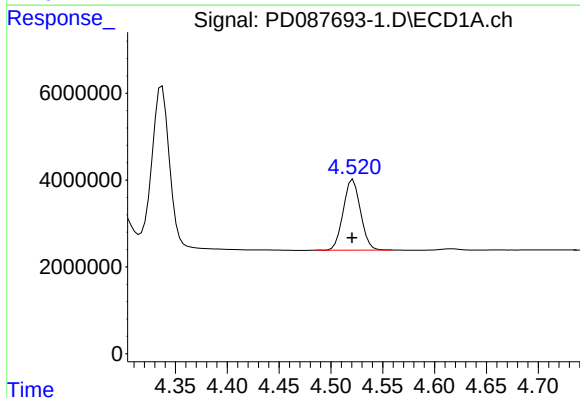
R.T.: 4.337 min  
Delta R.T.: 0.000 min  
Response: 26997066  
Conc: 6.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



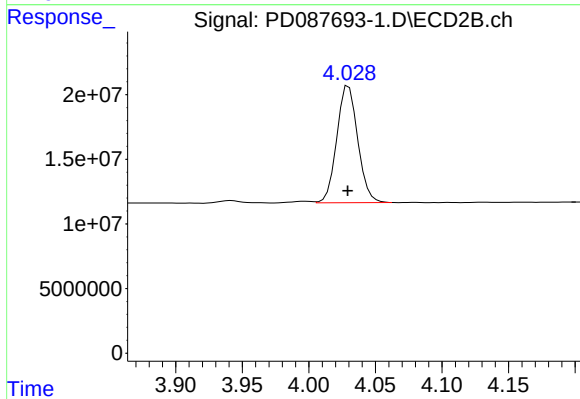
#3 gamma-BHC (Lindane)

R.T.: 3.734 min  
Delta R.T.: 0.000 min  
Response: 212268417  
Conc: 11.59 ng/ml



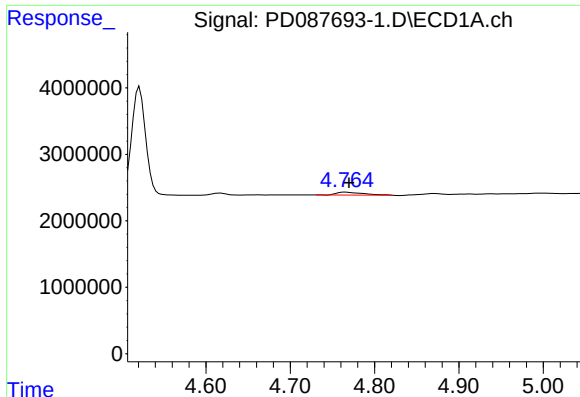
#6 beta-BHC

R.T.: 4.521 min  
Delta R.T.: 0.000 min  
Response: 18808865  
Conc: 10.47 ng/ml



#6 beta-BHC

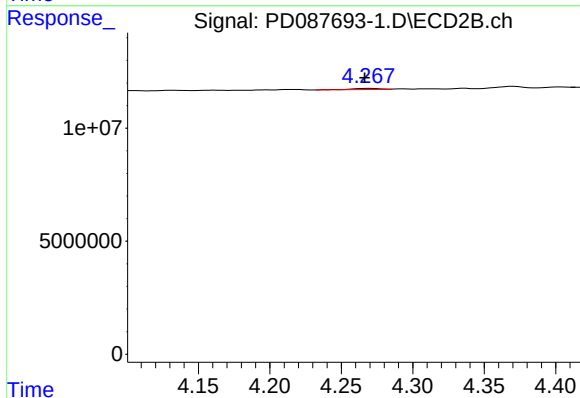
R.T.: 4.030 min  
Delta R.T.: 0.000 min  
Response: 99128172  
Conc: 11.62 ng/ml



#7 delta-BHC

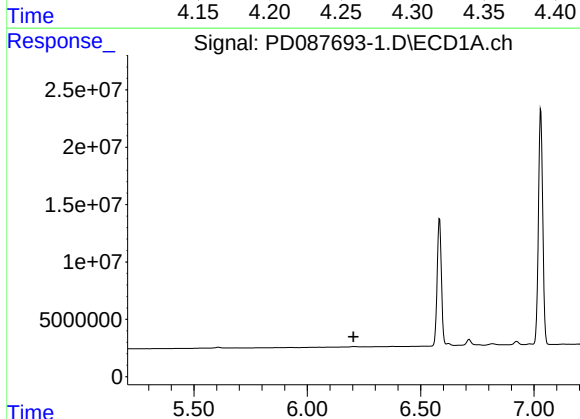
R.T.: 4.766 min  
Delta R.T.: -0.004 min  
Response: 914112  
Conc: 0.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



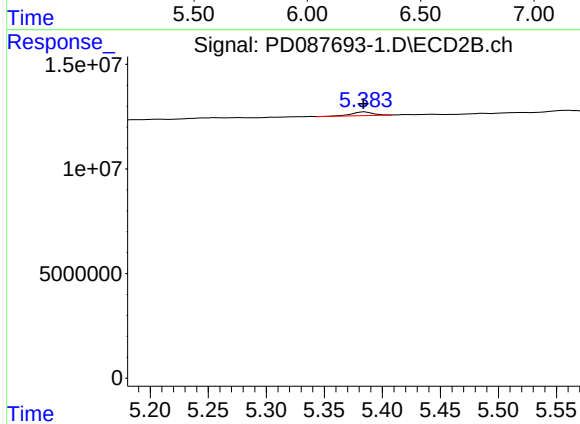
#7 delta-BHC

R.T.: 4.269 min  
Delta R.T.: 0.003 min  
Response: 680932  
Conc: N.D.



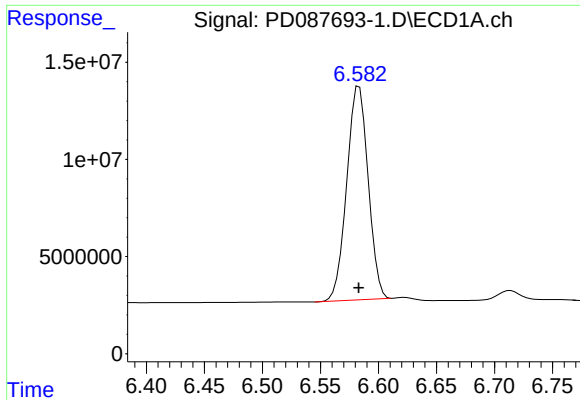
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.204 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

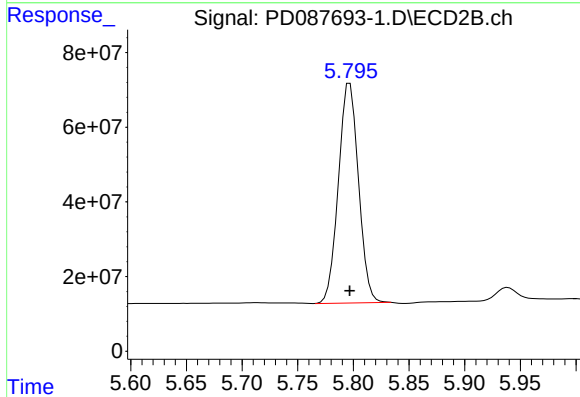
R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 2298332  
Conc: 0.14 ng/ml



#14 Endrin

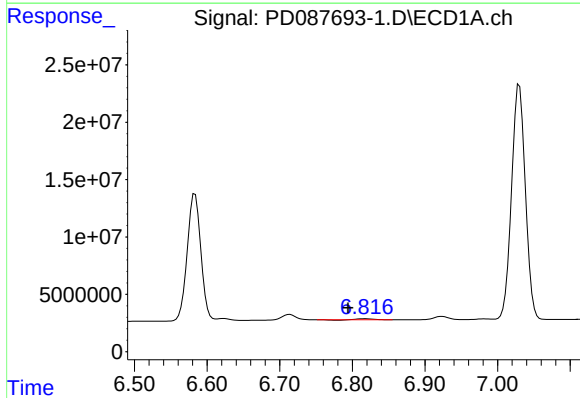
R.T.: 6.583 min  
Delta R.T.: 0.000 min  
Response: 141316775  
Conc: 43.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



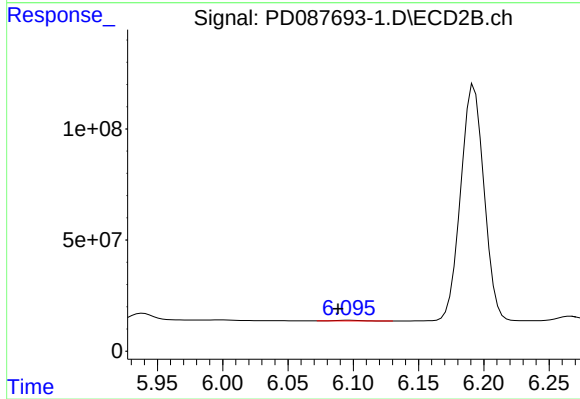
#14 Endrin

R.T.: 5.797 min  
Delta R.T.: 0.000 min  
Response: 740404536  
Conc: 49.55 ng/ml



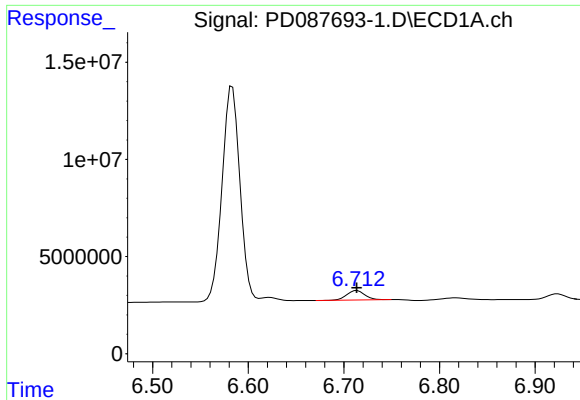
#15 Endosulfan II

R.T.: 6.817 min  
Delta R.T.: 0.023 min  
Response: 899580  
Conc: 0.28 ng/ml



#15 Endosulfan II

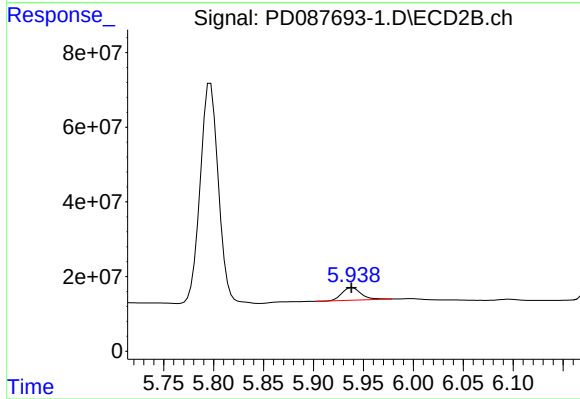
R.T.: 6.096 min  
Delta R.T.: 0.008 min  
Response: 3692207  
Conc: 0.25 ng/ml



#16 4,4'-DDD

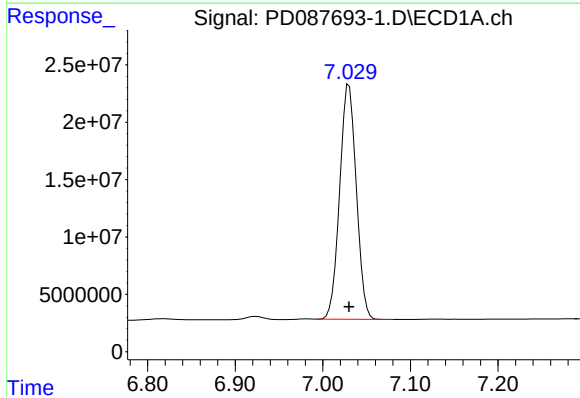
R.T.: 6.714 min  
Delta R.T.: 0.000 min  
Response: 6410626  
Conc: 2.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



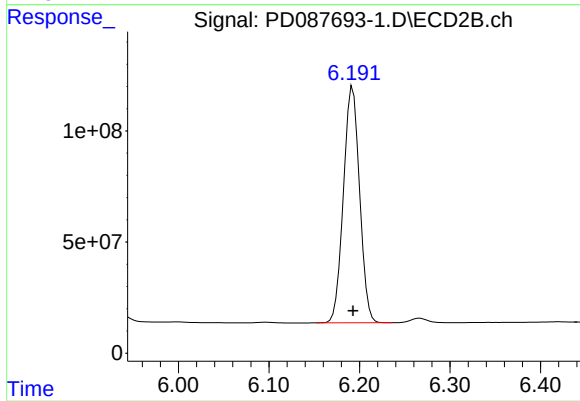
#16 4,4'-DDD

R.T.: 5.939 min  
Delta R.T.: 0.001 min  
Response: 45993269  
Conc: 3.44 ng/ml



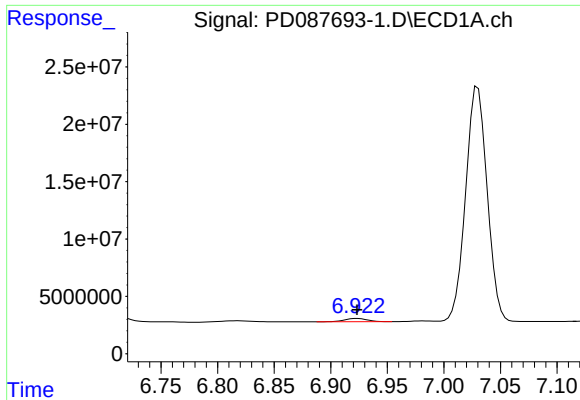
#17 4,4'-DDT

R.T.: 7.030 min  
Delta R.T.: 0.000 min  
Response: 270455876  
Conc: 93.32 ng/ml



#17 4,4'-DDT

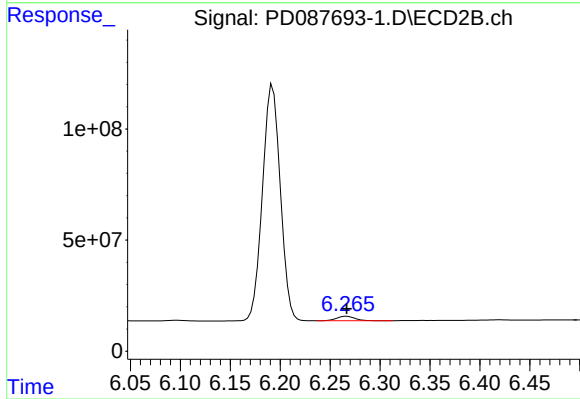
R.T.: 6.192 min  
Delta R.T.: 0.000 min  
Response: 1320561280  
Conc: 95.83 ng/ml



#18 Endrin aldehyde

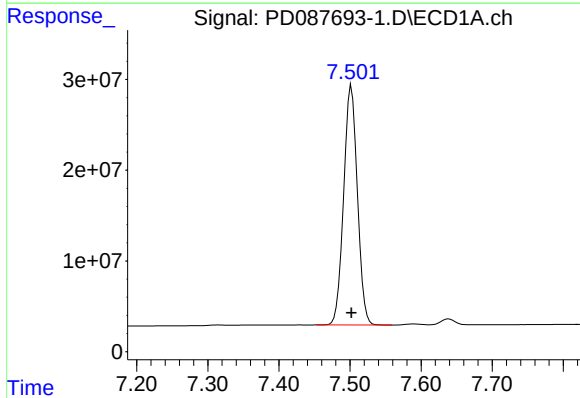
R.T.: 6.923 min  
Delta R.T.: 0.000 min  
Response: 3867541  
Conc: 1.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



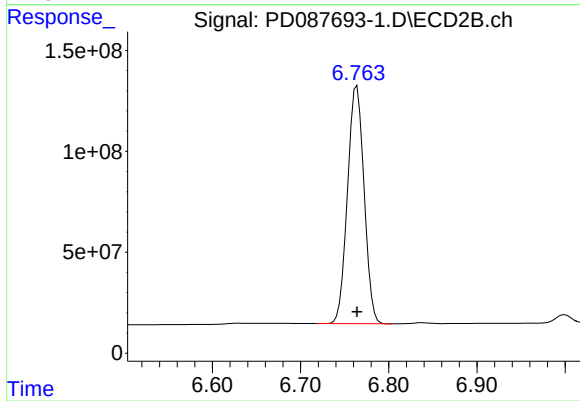
#18 Endrin aldehyde

R.T.: 6.267 min  
Delta R.T.: 0.000 min  
Response: 25206127  
Conc: 2.19 ng/ml



#20 Methoxychlor

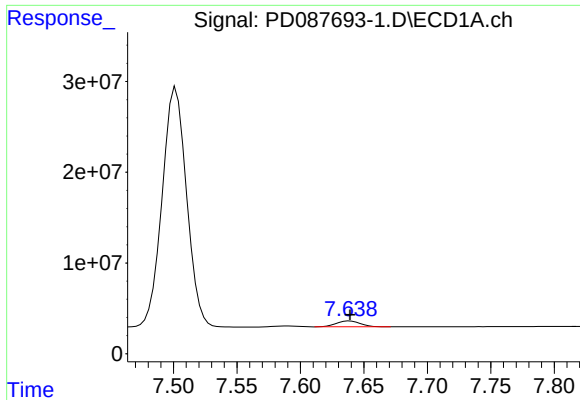
R.T.: 7.502 min  
Delta R.T.: 0.000 min  
Response: 354212394  
Conc: 223.57 ng/ml



#20 Methoxychlor

R.T.: 6.764 min  
Delta R.T.: 0.000 min  
Response: 1540132601  
Conc: 250.05 ng/ml

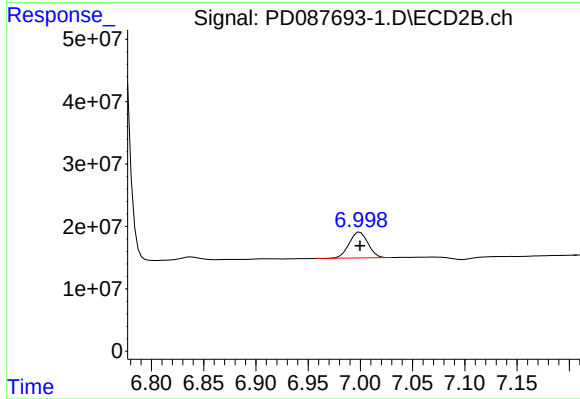




#21 Endrin ketone

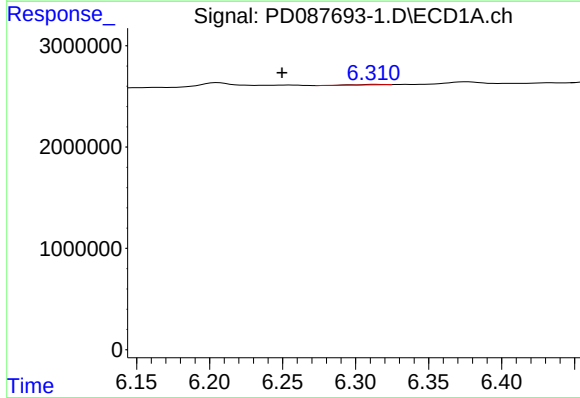
R.T.: 7.639 min  
Delta R.T.: 0.000 min  
Response: 8399086  
Conc: 2.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



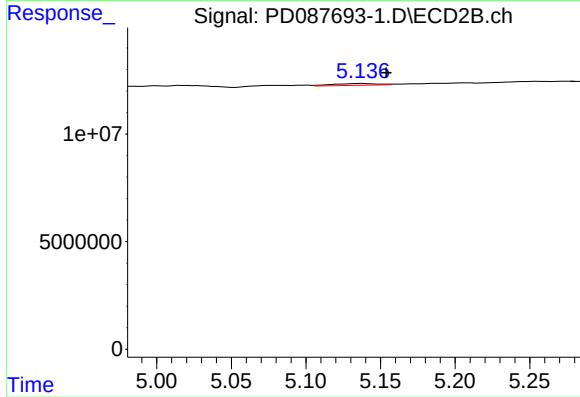
#21 Endrin ketone

R.T.: 7.000 min  
Delta R.T.: 0.000 min  
Response: 51935144  
Conc: 3.27 ng/ml



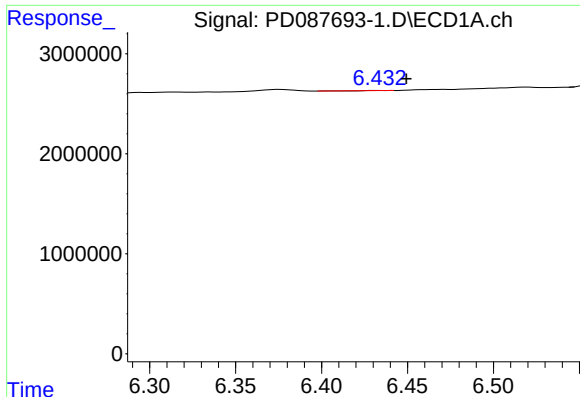
#22 Toxaphene-1

R.T.: 6.314 min  
Delta R.T.: 0.065 min  
Response: 45519  
Conc: 1.99 ng/ml



#22 Toxaphene-1

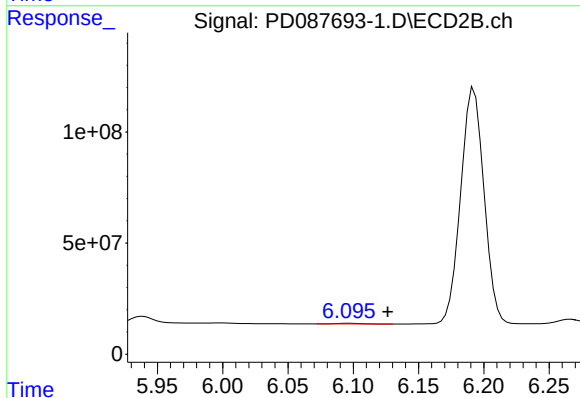
R.T.: 5.138 min  
Delta R.T.: -0.016 min  
Response: 1789671  
Conc: 20.62 ng/ml



#23 Toxaphene-2

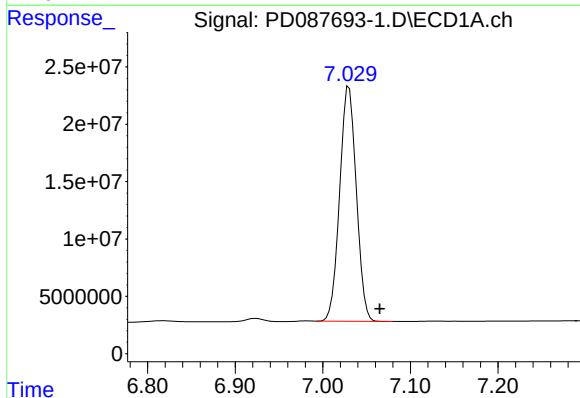
R.T.: 6.433 min  
Delta R.T.: -0.016 min  
Response: 6030  
Conc: 0.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



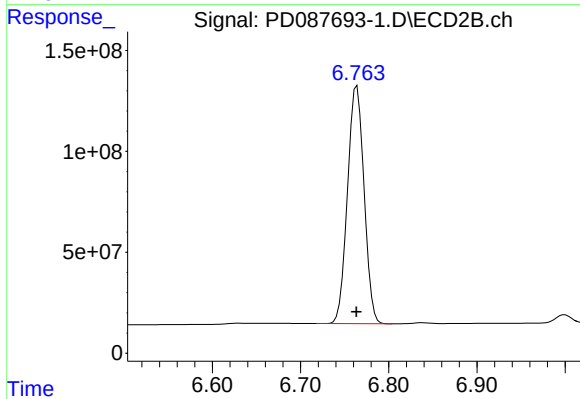
#23 Toxaphene-2

R.T.: 6.096 min  
Delta R.T.: -0.030 min  
Response: 3692207  
Conc: 39.45 ng/ml



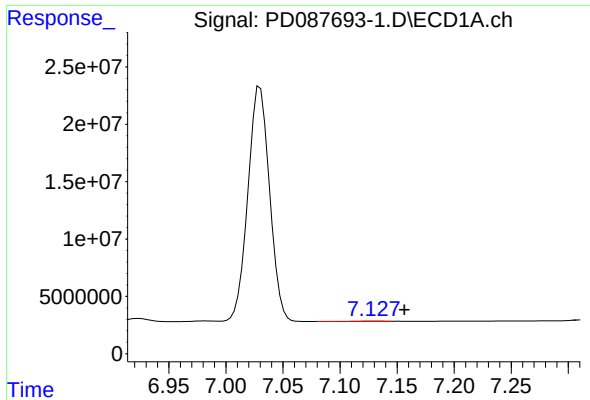
#24 Toxaphene-3

R.T.: 7.030 min  
Delta R.T.: -0.035 min  
Response: 270455876  
Conc: 3047.22 ng/ml



#24 Toxaphene-3

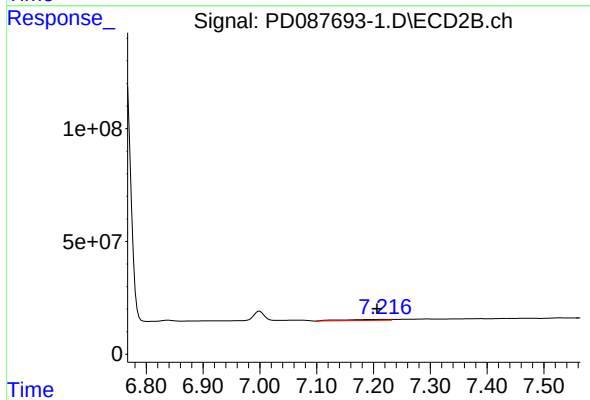
R.T.: 6.764 min  
Delta R.T.: 0.000 min  
Response: 1540132601  
Conc: 5174.36 ng/ml



#25 Toxaphene-4

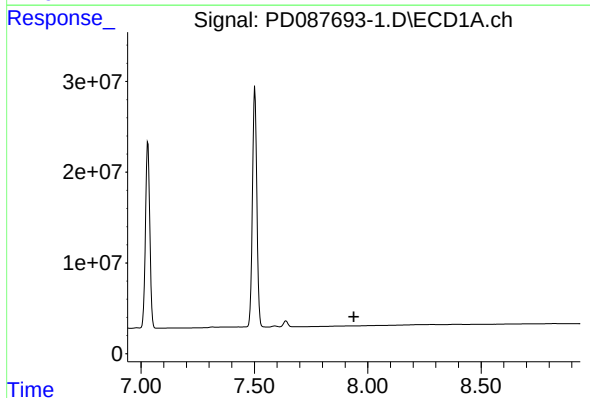
R.T.: 7.129 min  
Delta R.T.: -0.027 min  
Response: 198034  
Conc: 3.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



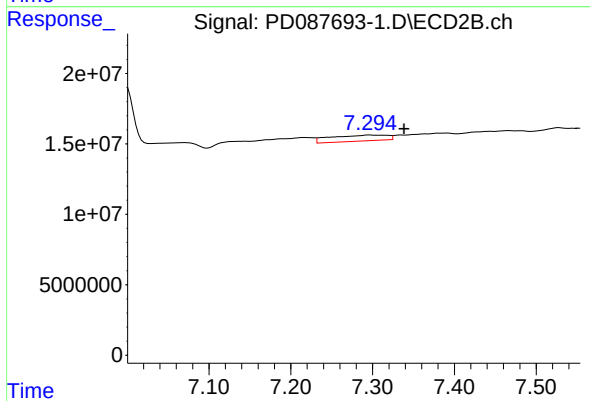
#25 Toxaphene-4

R.T.: 7.217 min  
Delta R.T.: 0.011 min  
Response: 28307994  
Conc: 133.63 ng/ml



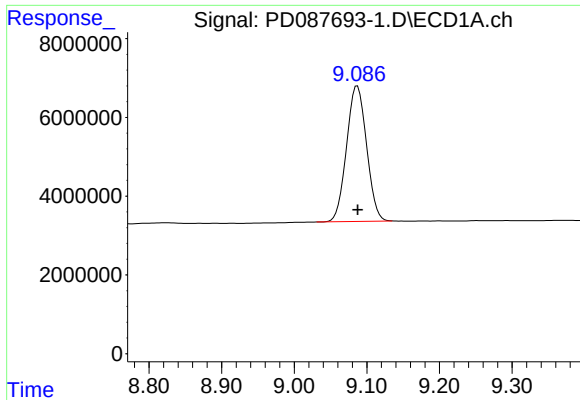
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 7.938 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

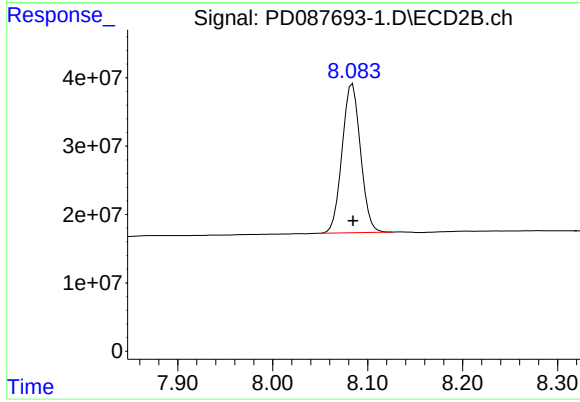
R.T.: 7.296 min  
Delta R.T.: -0.042 min  
Response: 20400651  
Conc: 131.55 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.087 min  
Delta R.T.: 0.000 min  
Response: 65940899  
Conc: 19.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.084 min  
Delta R.T.: 0.000 min  
Response: 293888147  
Conc: 20.29 ng/ml