

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122724\  
 Data File : PD087359.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Dec 2024 10:38  
 Operator : AR\AJ  
 Sample : PEM036  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 28 00:17:30 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD122024CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 20 23:32:53 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

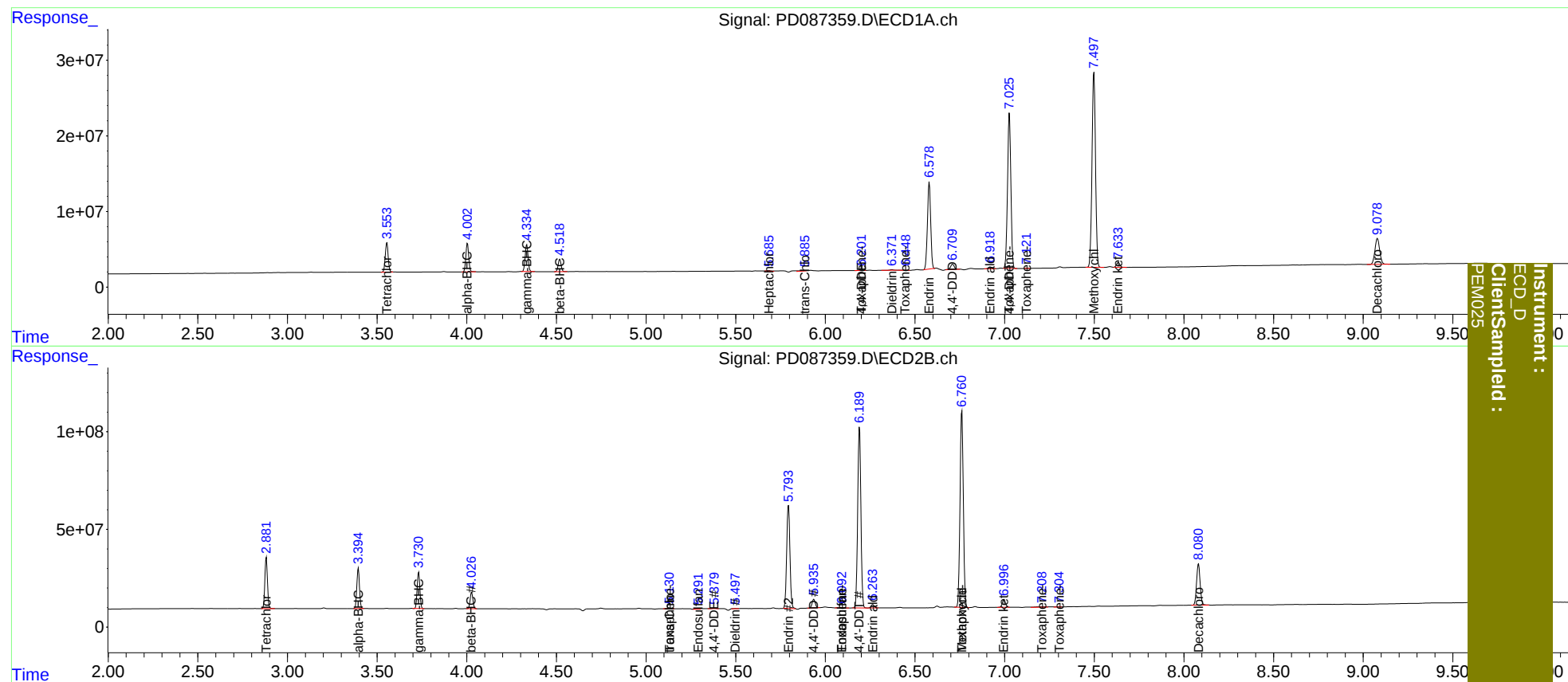
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.555  | 2.882  | 44301110 | 264.3E6  | 21.638   | 22.709     |
| 27)                         | SA Decachlor... | 9.079  | 8.081  | 63024200 | 292.6E6  | 20.635   | 22.216     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.004  | 3.395  | 41708086 | 213.9E6  | 10.337   | 11.736     |
| 3)                          | MA gamma-BHC... | 4.335  | 3.732  | 40787934 | 194.5E6  | 10.443   | 11.493     |
| 4)                          | MA Heptachlor   | 4.956  | 0.000  | 91255    | 0        | <MDL     | N.D. #     |
| 5)                          | MB Aldrin       | 0.000  | 4.368  | 0        | 717018   | N.D.     | <MDL       |
| 6)                          | B beta-BHC      | 4.519  | 4.027  | 18877228 | 89481448 | 10.795   | 11.434     |
| 7)                          | B delta-BHC     | 4.782  | 0.000  | 191324   | 0        | <MDL     | N.D. #     |
| 8)                          | B Heptachlo...  | 5.685  | 4.911  | 1523970  | 636045   | 0.422    | <MDL #     |
| 9)                          | A Endosulfan I  | 6.107  | 5.293f | -1757    | 5139921  | N.D.     | 0.355      |
| 10)                         | B trans-Chl...  | 5.888f | 5.132  | 1412671  | 5194025  | 0.404    | 0.319      |
| 11)                         | B cis-Chlor...  | 0.000  | 5.206  | 0        | 79574    | N.D.     | <MDL       |
| 12)                         | B 4,4'-DDE      | 6.202  | 5.381  | 586686   | 3084797  | 0.177    | 0.207      |
| 13)                         | MA Dieldrin     | 6.372  | 5.498  | 827863   | 1579900  | 0.229    | 0.103 #    |
| 14)                         | MA Endrin       | 6.580  | 5.794  | 144.4E6  | 670.2E6  | 48.334   | 47.974     |
| 15)                         | B Endosulfa...  | 6.813  | 6.093  | 206340   | 3435074  | <MDL     | 0.253 #    |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.936  | 10202907 | 53362843 | 3.936    | 4.382      |
| 17)                         | MA 4,4'-DDT     | 7.027  | 6.190  | 265.7E6  | 1145.8E6 | 99.092   | 90.885     |
| 18)                         | B Endrin al...  | 6.920  | 6.264  | 3353766  | 20839944 | 1.429    | 1.995 #    |
| 19)                         | B Endosulfa...  | 7.124  | 0.000  | 198339   | 0        | <MDL     | N.D. #     |
| 20)                         | A Methoxychlor  | 7.498  | 6.761  | 350.1E6  | 1288.3E6 | 235.328  | 220.978    |
| 21)                         | B Endrin ke...  | 7.634  | 6.997  | 8574962  | 48735384 | 2.672    | 3.372 #    |
| 22)                         | Toxaphene-1     | 6.202f | 5.132  | 586686   | 5194025  | 26.237   | 64.345 #   |
| 23)                         | Toxaphene-2     | 6.444  | 6.093  | 482347   | 3435074  | 15.499   | 38.819 #   |
| 24)                         | Toxaphene-3     | 7.027f | 6.761  | 265.7E6  | 1288.3E6 | 3074.039 | 4519.257 # |
| 25)                         | Toxaphene-4     | 7.124  | 7.210  | 198339   | 8815728  | 3.070    | 44.086 #   |
| 26)                         | Toxaphene-5     | 0.000  | 7.305  | 0        | 2646584  | N.D.     | 17.817     |
| -----                       |                 |        |        |          |          |          |            |

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

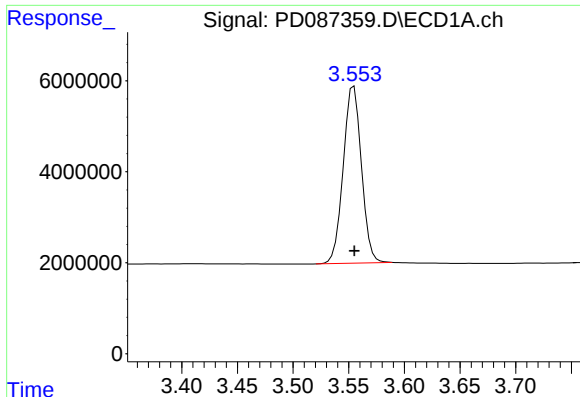
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122724\  
Data File : PD087359.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Dec 2024 10:38  
Operator : AR\AJ  
Sample : PEM036  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 28 00:17:30 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD122024CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 20 23:32:53 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



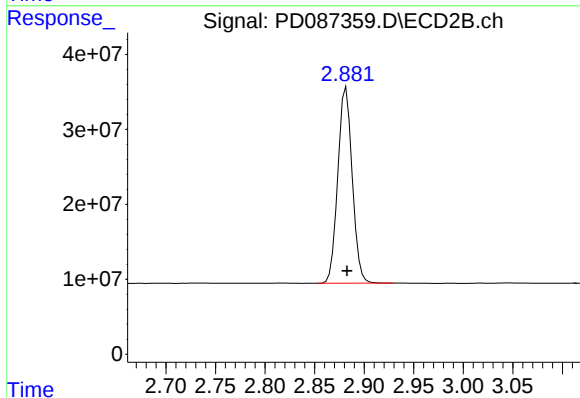
Instrument :  
ECD\_D  
ClientSampled :  
PEM025



#1 Tetrachloro-m-xylene

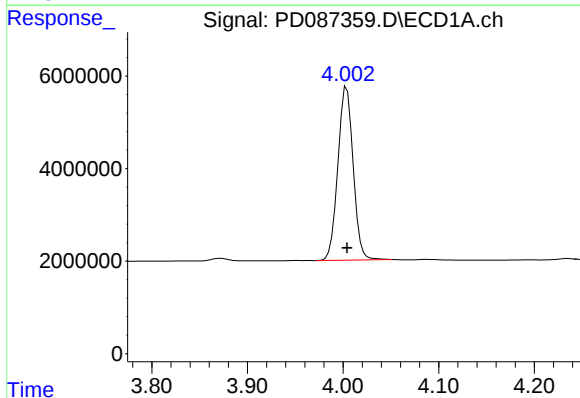
R.T.: 3.555 min  
Delta R.T.: 0.000 min  
Response: 44301110  
Conc: 21.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM025



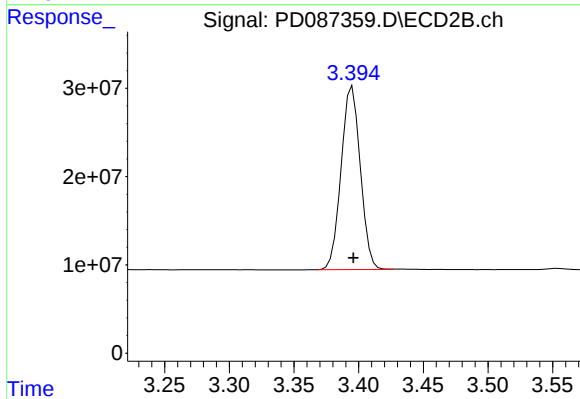
#1 Tetrachloro-m-xylene

R.T.: 2.882 min  
Delta R.T.: 0.000 min  
Response: 264266467  
Conc: 22.71 ng/ml



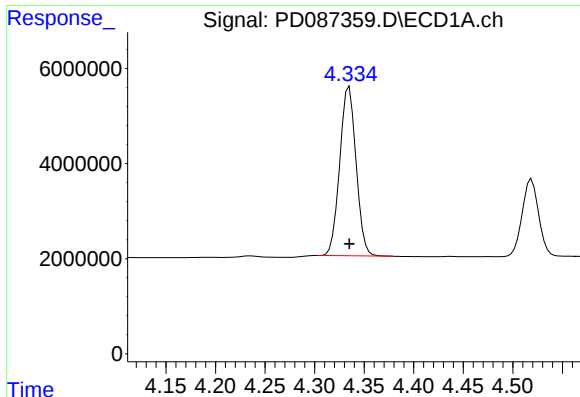
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: 0.000 min  
Response: 41708086  
Conc: 10.34 ng/ml



#2 alpha-BHC

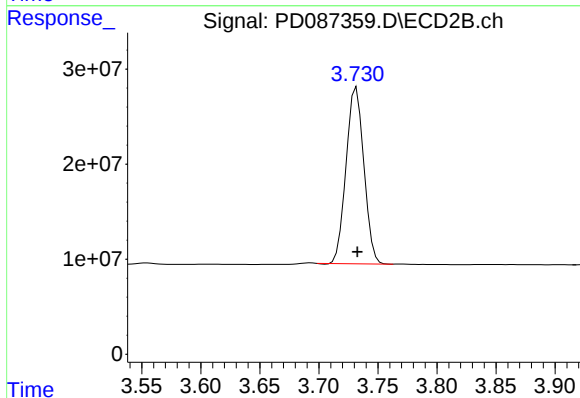
R.T.: 3.395 min  
Delta R.T.: 0.000 min  
Response: 213921405  
Conc: 11.74 ng/ml



#3 gamma-BHC (Lindane)

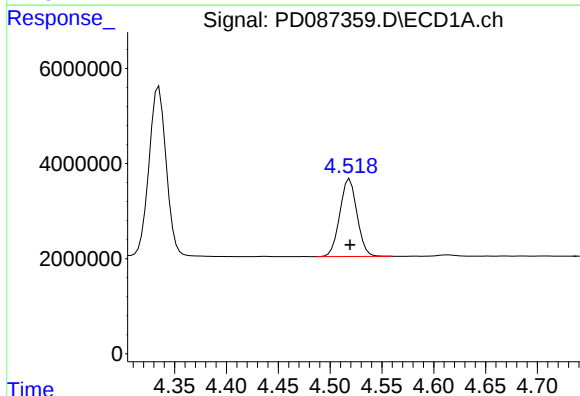
R.T.: 4.335 min  
Delta R.T.: 0.000 min  
Response: 40787934  
Conc: 10.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM025



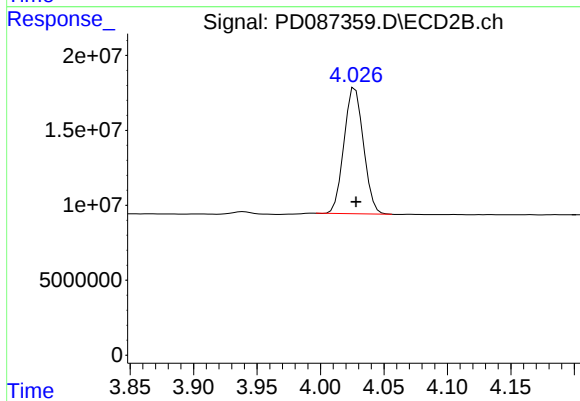
#3 gamma-BHC (Lindane)

R.T.: 3.732 min  
Delta R.T.: 0.000 min  
Response: 194460750  
Conc: 11.49 ng/ml



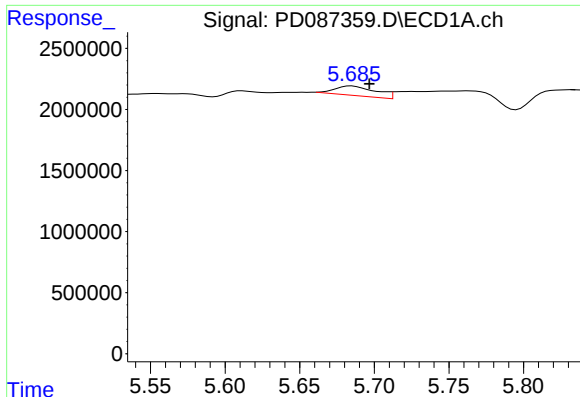
#6 beta-BHC

R.T.: 4.519 min  
Delta R.T.: 0.000 min  
Response: 18877228  
Conc: 10.80 ng/ml



#6 beta-BHC

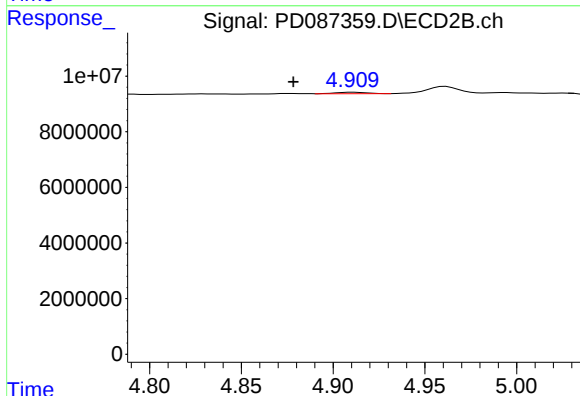
R.T.: 4.027 min  
Delta R.T.: 0.000 min  
Response: 89481448  
Conc: 11.43 ng/ml



#8 Heptachlor epoxide

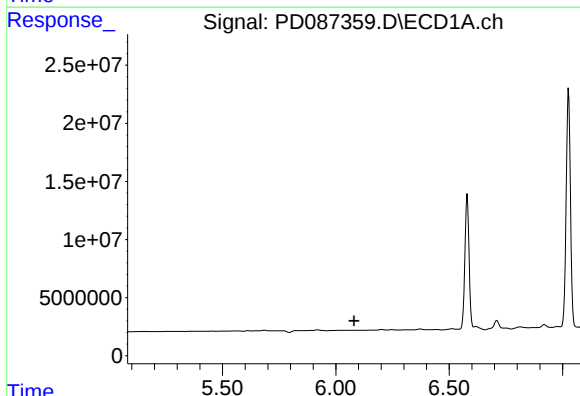
R.T.: 5.685 min  
Delta R.T.: -0.012 min  
Response: 1523970  
Conc: 0.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM025



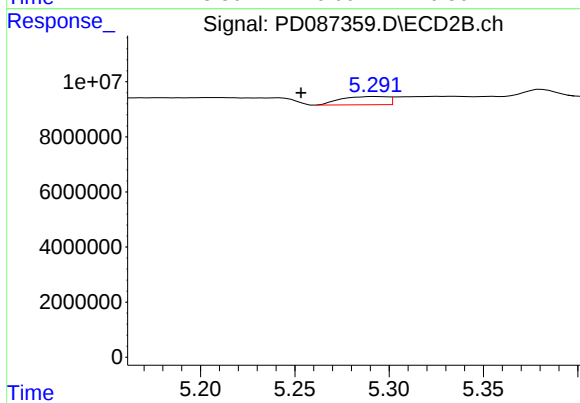
#8 Heptachlor epoxide

R.T.: 4.911 min  
Delta R.T.: 0.032 min  
Response: 636045  
Conc: N.D.



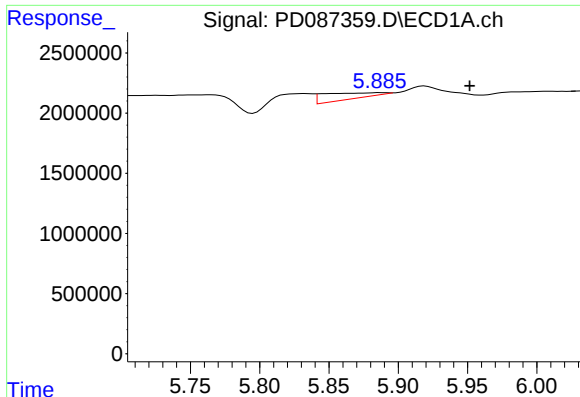
#9 Endosulfan I

R.T.: 6.107 min  
Delta R.T.: 0.027 min  
Response: -1757  
Conc: N.D.



#9 Endosulfan I

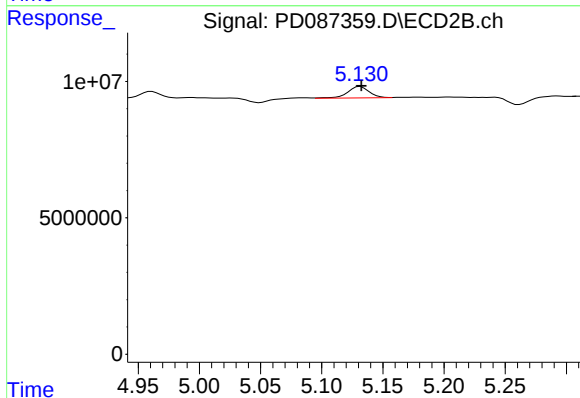
R.T.: 5.293 min  
Delta R.T.: 0.040 min  
Response: 5139921  
Conc: 0.35 ng/ml



#10 trans-Chlordane

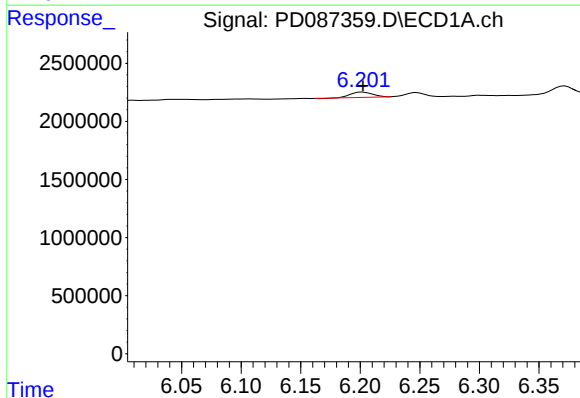
R.T.: 5.888 min  
Delta R.T.: -0.063 min  
Response: 1412671  
Conc: 0.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM025



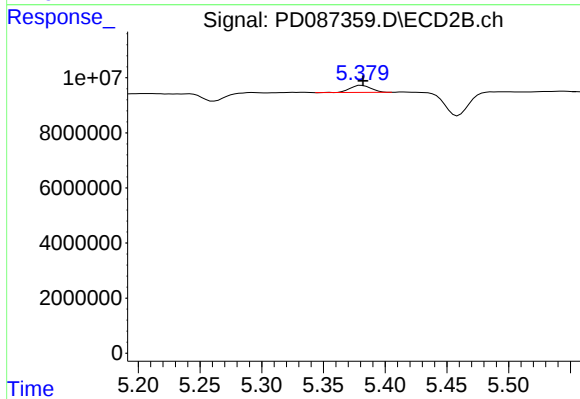
#10 trans-Chlordane

R.T.: 5.132 min  
Delta R.T.: 0.000 min  
Response: 5194025  
Conc: 0.32 ng/ml



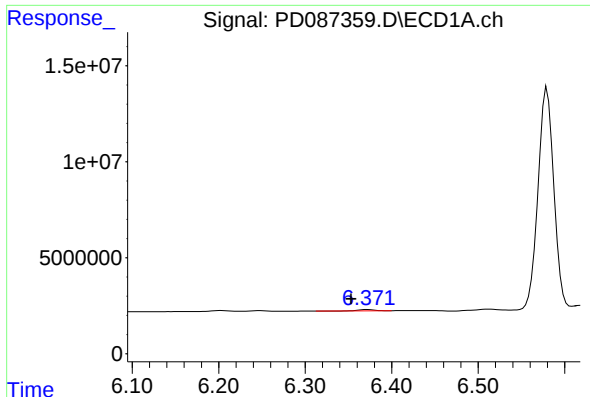
#12 4,4'-DDE

R.T.: 6.202 min  
Delta R.T.: 0.000 min  
Response: 586686  
Conc: 0.18 ng/ml



#12 4,4'-DDE

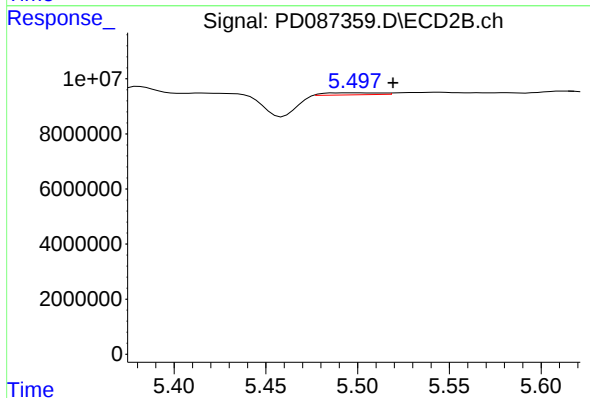
R.T.: 5.381 min  
Delta R.T.: -0.001 min  
Response: 3084797  
Conc: 0.21 ng/ml



#13 Dieldrin

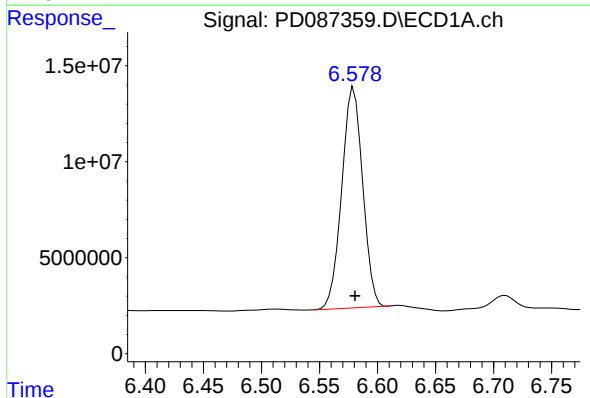
R.T.: 6.372 min  
Delta R.T.: 0.019 min  
Response: 827863  
Conc: 0.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM025



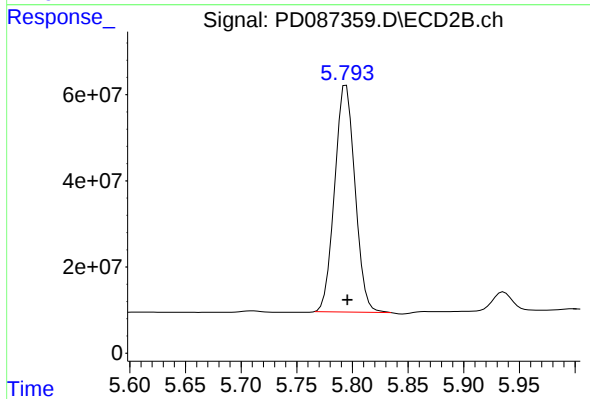
#13 Dieldrin

R.T.: 5.498 min  
Delta R.T.: -0.021 min  
Response: 1579900  
Conc: 0.10 ng/ml



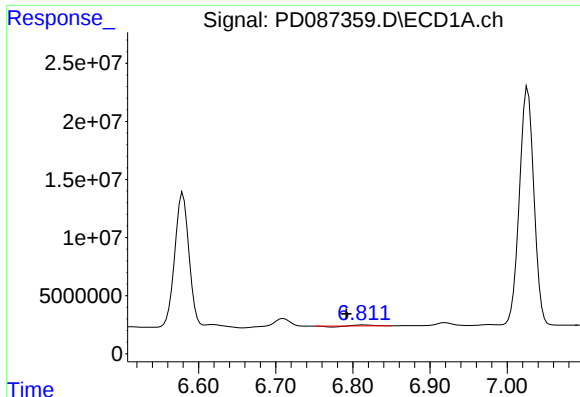
#14 Endrin

R.T.: 6.580 min  
Delta R.T.: 0.000 min  
Response: 144396299  
Conc: 48.33 ng/ml



#14 Endrin

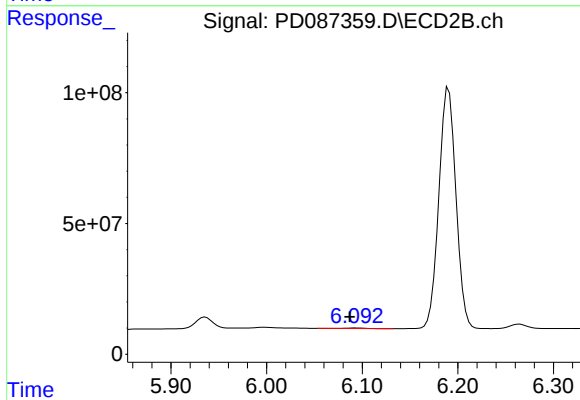
R.T.: 5.794 min  
Delta R.T.: -0.001 min  
Response: 670238745  
Conc: 47.97 ng/ml



#15 Endosulfan II

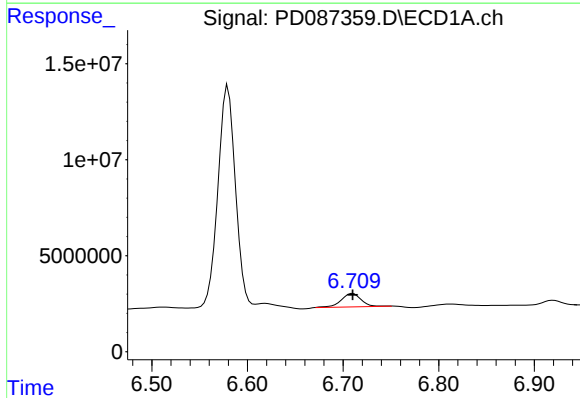
R.T.: 6.813 min  
Delta R.T.: 0.021 min  
Response: 206340  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM025



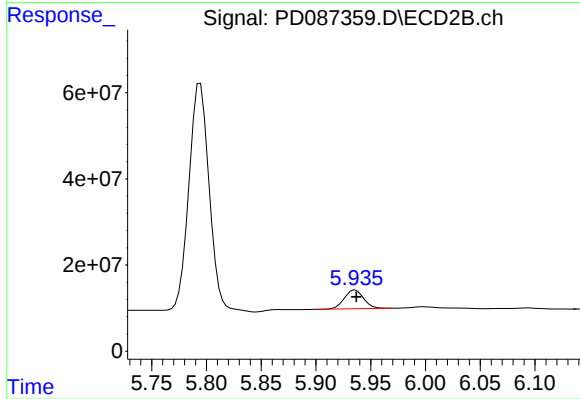
#15 Endosulfan II

R.T.: 6.093 min  
Delta R.T.: 0.006 min  
Response: 3435074  
Conc: 0.25 ng/ml



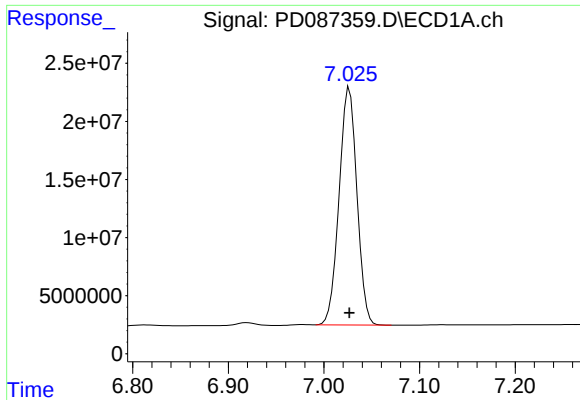
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: 0.000 min  
Response: 10202907  
Conc: 3.94 ng/ml



#16 4,4'-DDD

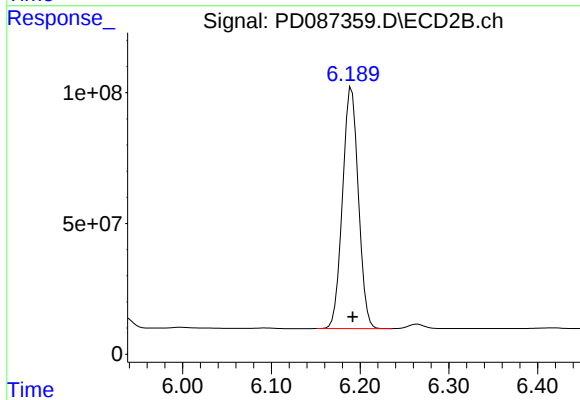
R.T.: 5.936 min  
Delta R.T.: -0.001 min  
Response: 53362843  
Conc: 4.38 ng/ml



#17 4,4'-DDT

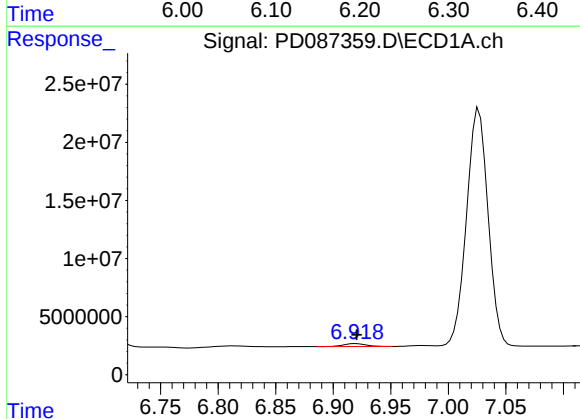
R.T.: 7.027 min  
Delta R.T.: 0.000 min  
Response: 265659143  
Conc: 99.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM025



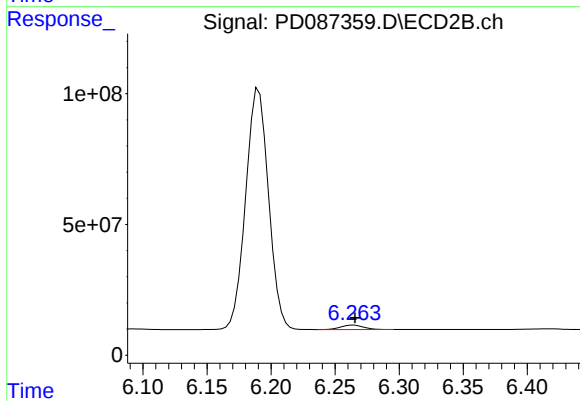
#17 4,4'-DDT

R.T.: 6.190 min  
Delta R.T.: -0.001 min  
Response: 1145844119  
Conc: 90.88 ng/ml



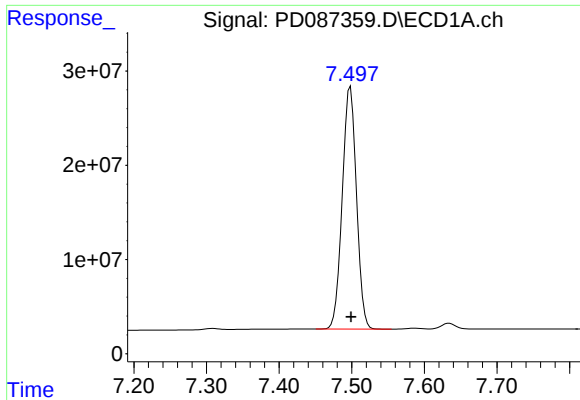
#18 Endrin aldehyde

R.T.: 6.920 min  
Delta R.T.: 0.000 min  
Response: 3353766  
Conc: 1.43 ng/ml



#18 Endrin aldehyde

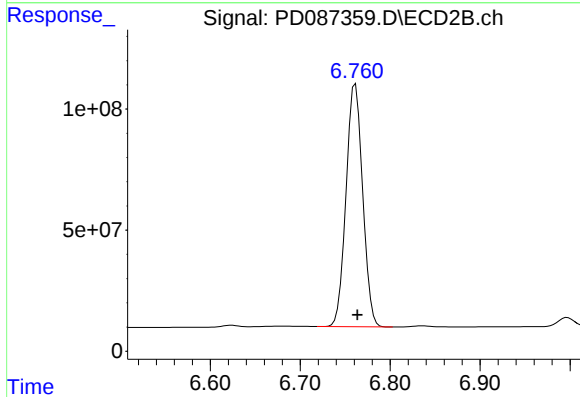
R.T.: 6.264 min  
Delta R.T.: -0.001 min  
Response: 20839944  
Conc: 1.99 ng/ml



#20 Methoxychlor

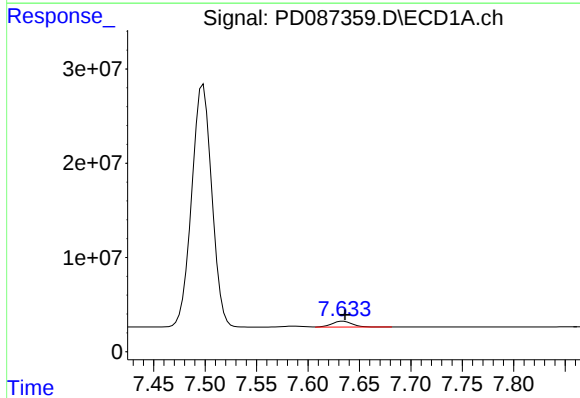
R.T.: 7.498 min  
Delta R.T.: 0.000 min  
Response: 350102511  
Conc: 235.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM025



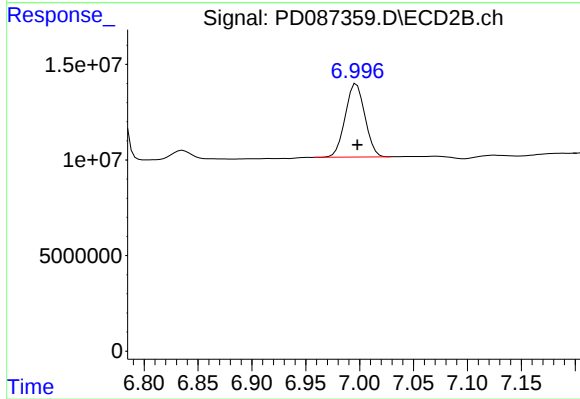
#20 Methoxychlor

R.T.: 6.761 min  
Delta R.T.: -0.002 min  
Response: 1288303586  
Conc: 220.98 ng/ml



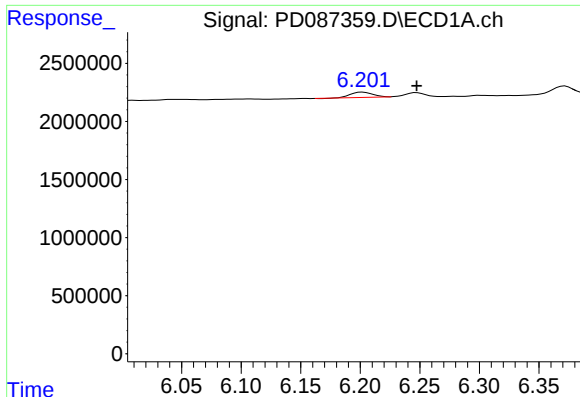
#21 Endrin ketone

R.T.: 7.634 min  
Delta R.T.: -0.002 min  
Response: 8574962  
Conc: 2.67 ng/ml



#21 Endrin ketone

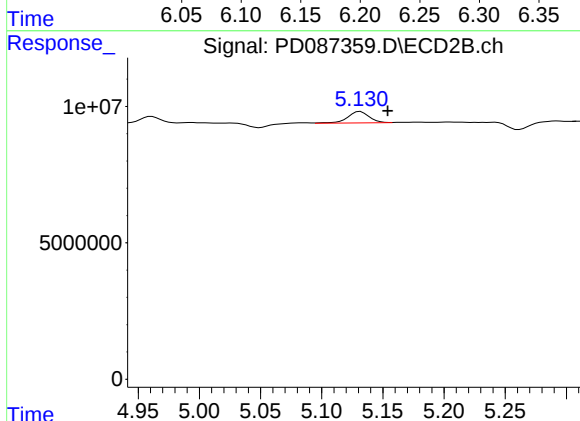
R.T.: 6.997 min  
Delta R.T.: 0.000 min  
Response: 48735384  
Conc: 3.37 ng/ml



#22 Toxaphene-1

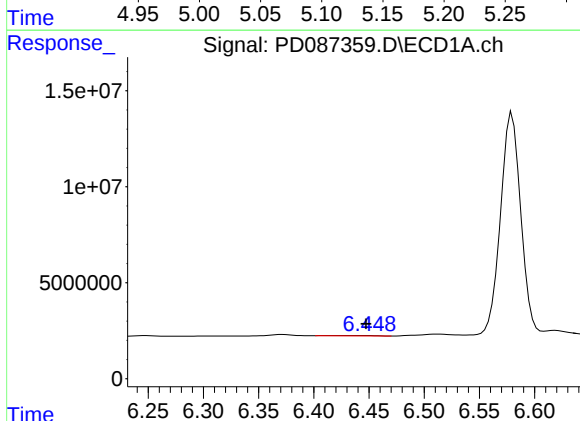
R.T.: 6.202 min  
Delta R.T.: -0.045 min  
Response: 586686  
Conc: 26.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM025



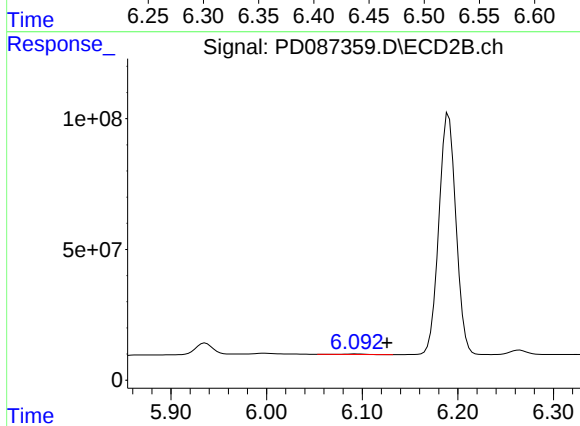
#22 Toxaphene-1

R.T.: 5.132 min  
Delta R.T.: -0.022 min  
Response: 5194025  
Conc: 64.35 ng/ml



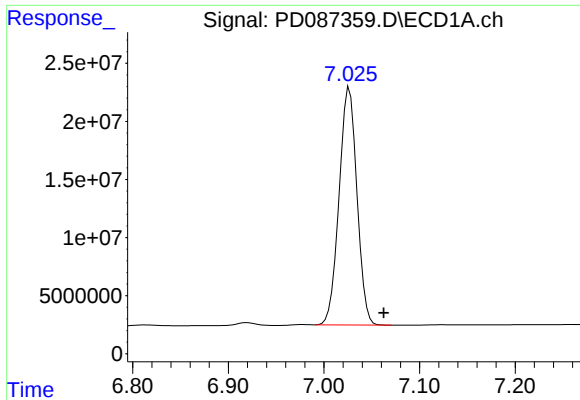
#23 Toxaphene-2

R.T.: 6.444 min  
Delta R.T.: -0.004 min  
Response: 482347  
Conc: 15.50 ng/ml



#23 Toxaphene-2

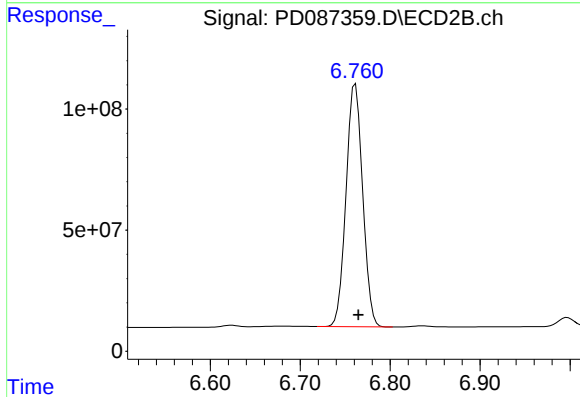
R.T.: 6.093 min  
Delta R.T.: -0.033 min  
Response: 3435074  
Conc: 38.82 ng/ml



#24 Toxaphene-3

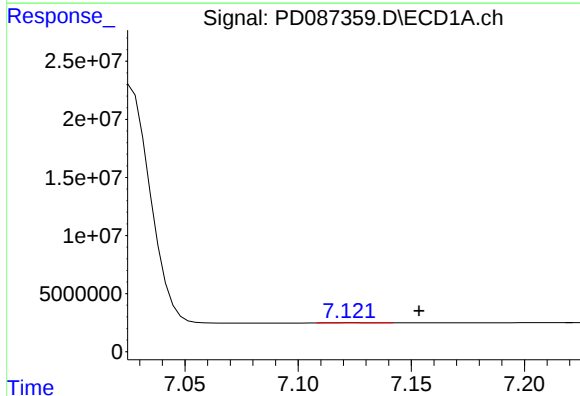
R.T.: 7.027 min  
Delta R.T.: -0.036 min  
Response: 265659143  
Conc: 3074.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM025



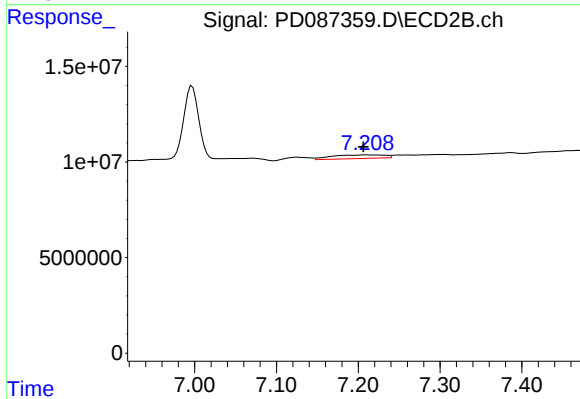
#24 Toxaphene-3

R.T.: 6.761 min  
Delta R.T.: -0.003 min  
Response: 1288303586  
Conc: 4519.26 ng/ml



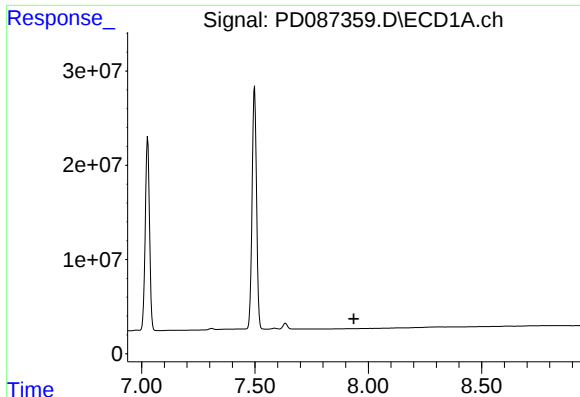
#25 Toxaphene-4

R.T.: 7.124 min  
Delta R.T.: -0.030 min  
Response: 198339  
Conc: 3.07 ng/ml



#25 Toxaphene-4

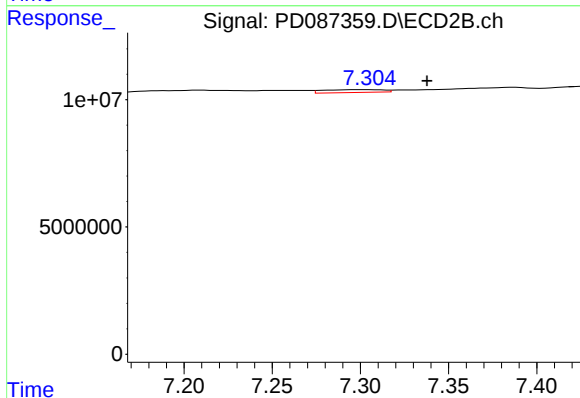
R.T.: 7.210 min  
Delta R.T.: 0.004 min  
Response: 8815728  
Conc: 44.09 ng/ml



#26 Toxaphene-5

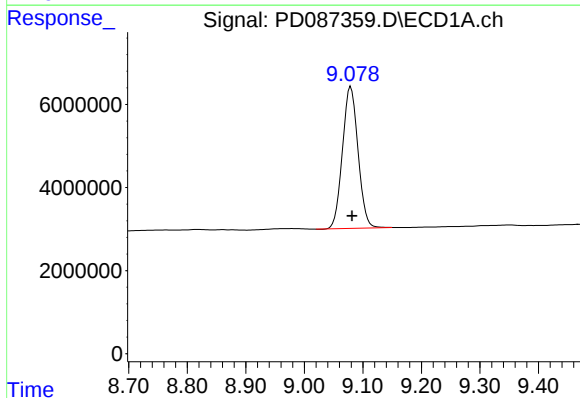
R.T.: 0.000 min  
Exp R.T.: 7.935 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM025



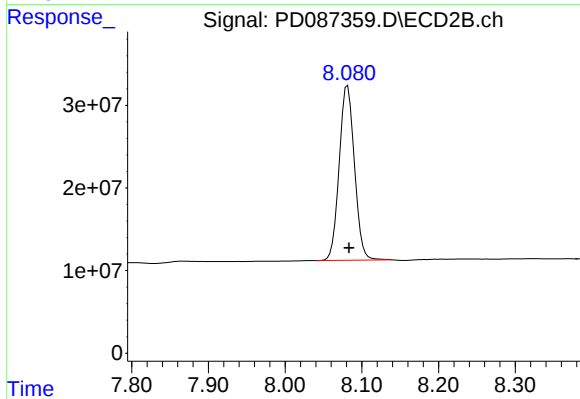
#26 Toxaphene-5

R.T.: 7.305 min  
Delta R.T.: -0.033 min  
Response: 2646584  
Conc: 17.82 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.079 min  
Delta R.T.: -0.002 min  
Response: 63024200  
Conc: 20.64 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.081 min  
Delta R.T.: -0.002 min  
Response: 292649591  
Conc: 22.22 ng/ml