

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051523\  
 Data File : PD075452.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 May 2023 08:18  
 Operator : AR\AJ  
 Sample : PEM081  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 15 21:43:43 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050323CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 04 02:14:07 2023  
 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

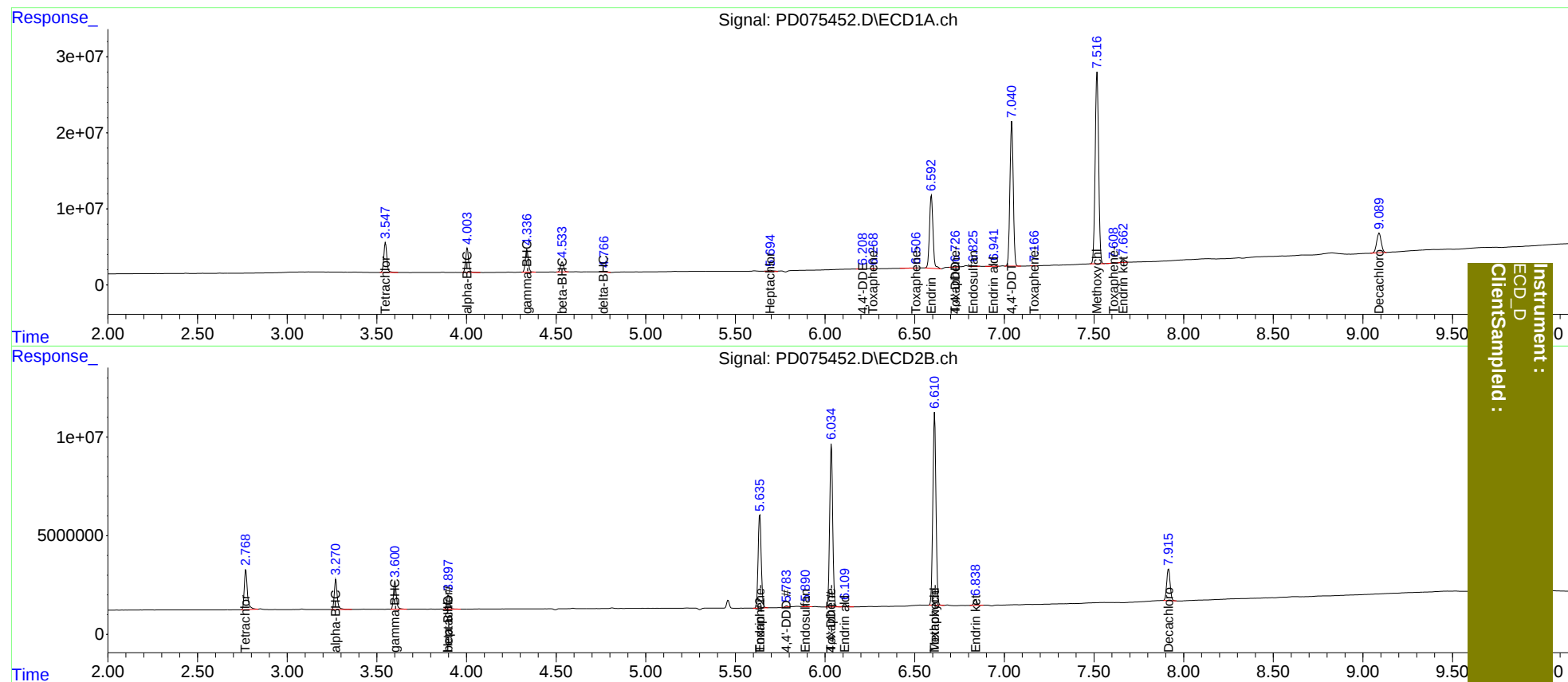
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml       |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-------------|
| -----                       |                 |        |        |          |          |         |             |
| System Monitoring Compounds |                 |        |        |          |          |         |             |
| 1)                          | SA Tetrachlo... | 3.548  | 2.769  | 45852907 | 24469511 | 20.103  | 23.200      |
| 27)                         | SA Decachlor... | 9.091  | 7.916  | 45759053 | 21396669 | 18.491  | 22.657      |
| Target Compounds            |                 |        |        |          |          |         |             |
| 2)                          | A alpha-BHC     | 4.004  | 3.271  | 36164117 | 17201498 | 9.404   | 11.105      |
| 3)                          | MA gamma-BHC... | 4.338  | 3.601  | 34473630 | 15927017 | 9.589   | 10.835      |
| 4)                          | MA Heptachlor   | 4.947  | 3.899f | 125327   | 8029025  | <MDL    | 5.495 #     |
| 5)                          | MB Aldrin       | 5.267  | 0.000  | 149452   | 0        | <MDL    | N.D. #      |
| 6)                          | B beta-BHC      | 4.534  | 3.899  | 15936749 | 8029025  | 9.709   | 11.027      |
| 7)                          | B delta-BHC     | 4.765  | 0.000  | 1560329  | 0        | 0.462   | N.D. #      |
| 8)                          | B Heptachlo...  | 5.695  | 4.681f | 3230710  | 134258   | 0.953   | <MDL #      |
| 10)                         | B trans-Chl...  | 5.932  | 0.000  | 5429     | 0        | <MDL    | N.D. #      |
| 12)                         | B 4,4'-DDE      | 6.209  | 0.000  | 339720   | 0        | 0.104   | N.D. #      |
| 13)                         | MA Dieldrin     | 6.316f | 0.000  | 17905    | 0        | <MDL    | N.D. #      |
| 14)                         | MA Endrin       | 6.593  | 5.636  | 129.7E6  | 56823270 | 44.841  | 46.717      |
| 15)                         | B Endosulfa...  | 6.826  | 5.891f | 1296003  | 732275   | 0.402   | 0.572 #     |
| 16)                         | A 4,4'-DDD      | 6.727  | 5.786  | 1998921  | 635804   | 0.827   | 0.641       |
| 17)                         | MA 4,4'-DDT     | 7.042  | 6.035  | 244.0E6  | 96886149 | 96.111  | 96.130      |
| 18)                         | B Endrin al...  | 6.943  | 6.110  | 2803326  | 1918202  | 1.185   | 1.889 #     |
| 19)                         | B Endosulfa...  | 7.169  | 0.000  | 65776    | 0        | <MDL    | N.D. #      |
| 20)                         | A Methoxychlor  | 7.517  | 6.611  | 339.3E6  | 118.1E6  | 230.998 | 206.250     |
| 21)                         | B Endrin ke...  | 7.664  | 6.840  | 5700549  | 3518826  | 1.881   | 2.669 #     |
| 22)                         | Toxaphene-1     | 6.269  | 0.000  | 108437   | 0        | 4.713   | N.D. #      |
| 23)                         | Toxaphene-2     | 6.509f | 5.636f | 435605   | 56823270 | 14.599  | 7116.441 #  |
| 24)                         | Toxaphene-3     | 6.727f | 6.035f | 1998921  | 96886149 | 94.763  | 11058.338 # |
| 25)                         | Toxaphene-4     | 7.169  | 6.611  | 65776    | 118.1E6  | 1.009   | 4666.161 #  |
| 26)                         | Toxaphene-5     | 7.610  | 0.000  | 676271   | 0        | 14.255  | N.D. #      |
| -----                       |                 |        |        |          |          |         |             |

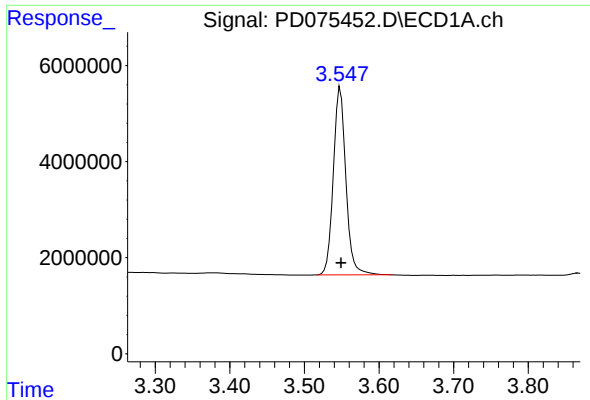
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Data File : PD075452.D  
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Quant Time: May 15 21:43:43 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050323CLP.M  
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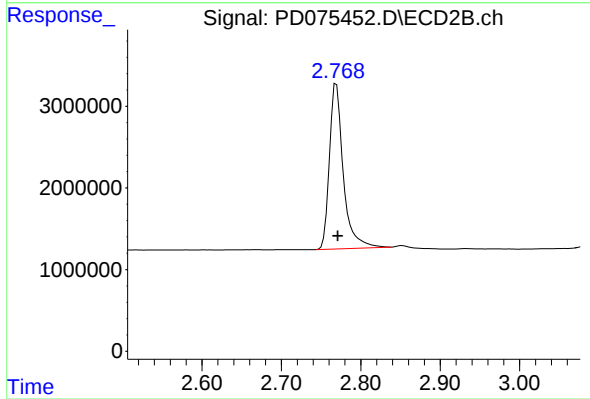




#1 Tetrachloro-m-xylene

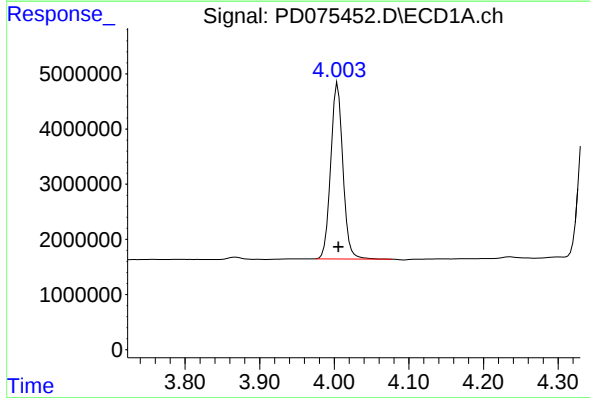
R.T.: 3.548 min  
Delta R.T.: 0.000 min  
Response: 45852907  
Conc: 20.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



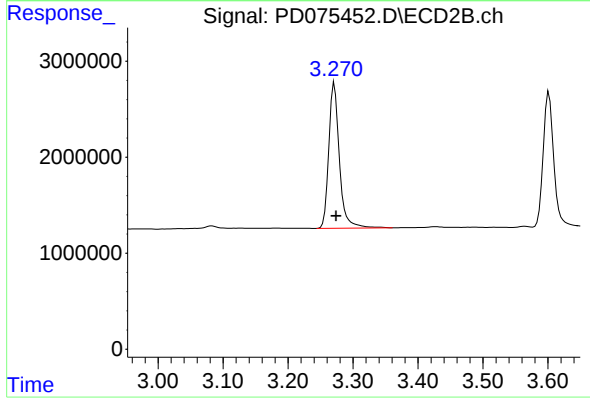
#1 Tetrachloro-m-xylene

R.T.: 2.769 min  
Delta R.T.: -0.002 min  
Response: 24469511  
Conc: 23.20 ng/ml



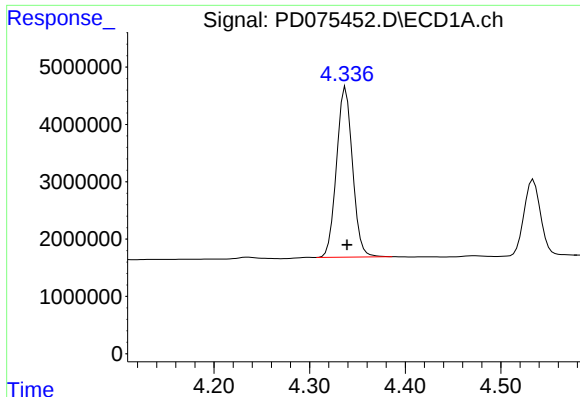
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: -0.001 min  
Response: 36164117  
Conc: 9.40 ng/ml



#2 alpha-BHC

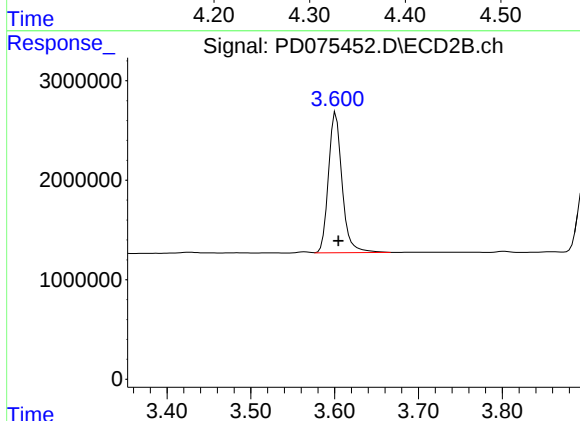
R.T.: 3.271 min  
Delta R.T.: -0.003 min  
Response: 17201498  
Conc: 11.10 ng/ml



#3 gamma-BHC (Lindane)

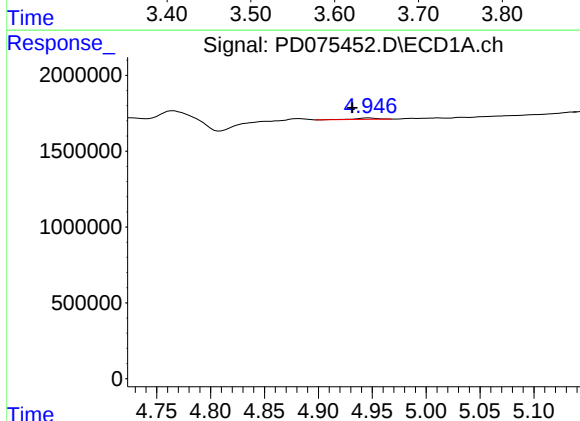
R.T.: 4.338 min  
Delta R.T.: -0.001 min  
Response: 34473630  
Conc: 9.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



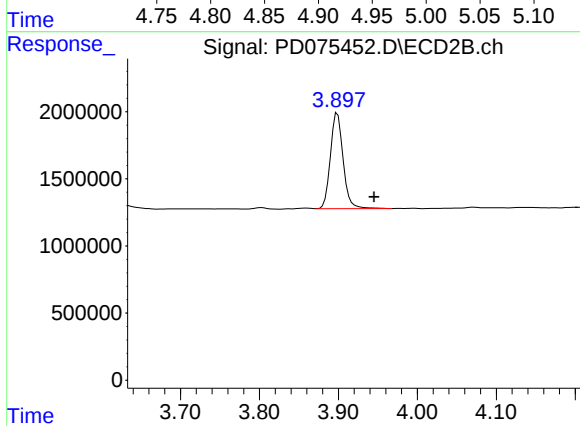
#3 gamma-BHC (Lindane)

R.T.: 3.601 min  
Delta R.T.: -0.003 min  
Response: 15927017  
Conc: 10.84 ng/ml



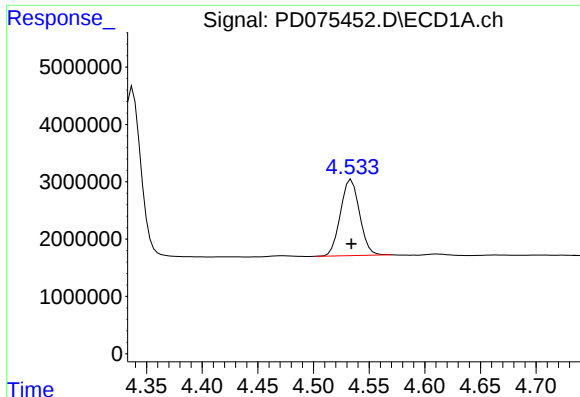
#4 Heptachlor

R.T.: 4.947 min  
Delta R.T.: 0.015 min  
Response: 125327  
Conc: N.D.



#4 Heptachlor

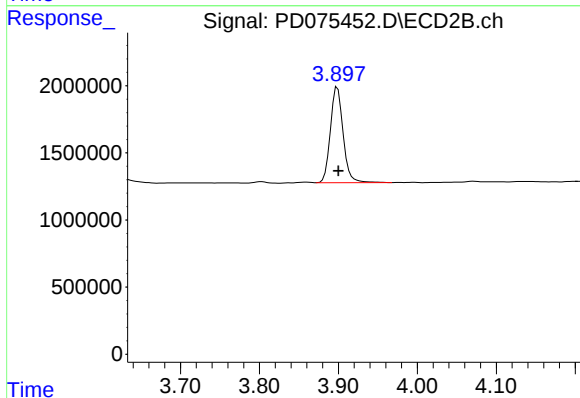
R.T.: 3.899 min  
Delta R.T.: -0.047 min  
Response: 8029025  
Conc: 5.49 ng/ml



#6 beta-BHC

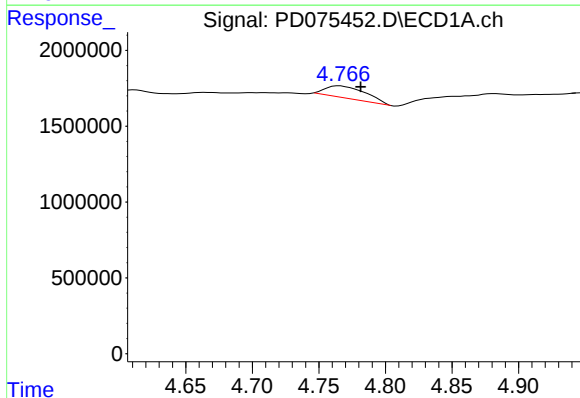
R.T.: 4.534 min  
Delta R.T.: 0.000 min  
Response: 15936749  
Conc: 9.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



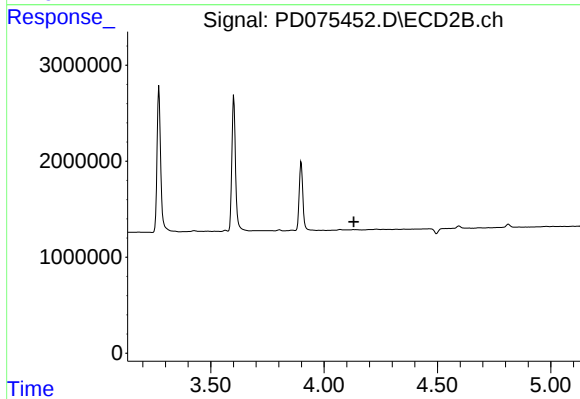
#6 beta-BHC

R.T.: 3.899 min  
Delta R.T.: -0.001 min  
Response: 8029025  
Conc: 11.03 ng/ml



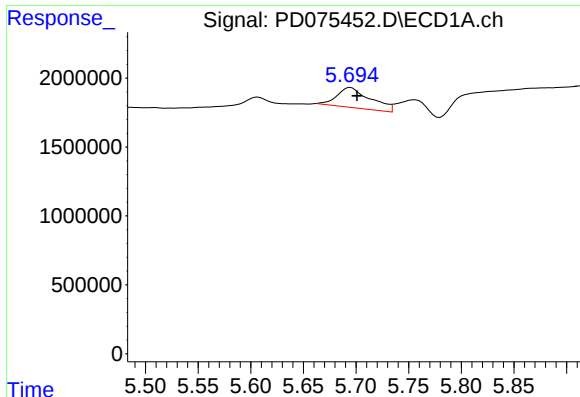
#7 delta-BHC

R.T.: 4.765 min  
Delta R.T.: -0.016 min  
Response: 1560329  
Conc: 0.46 ng/ml



#7 delta-BHC

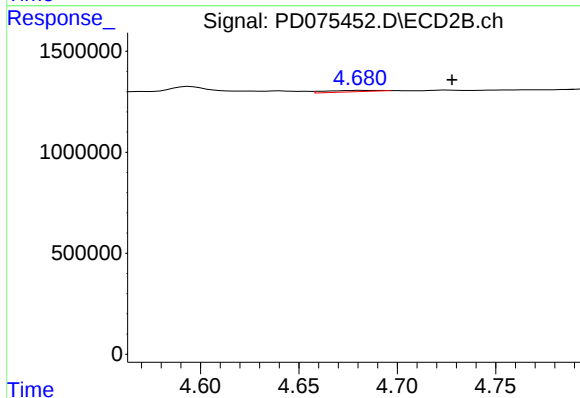
R.T.: 0.000 min  
Exp R.T. : 4.130 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

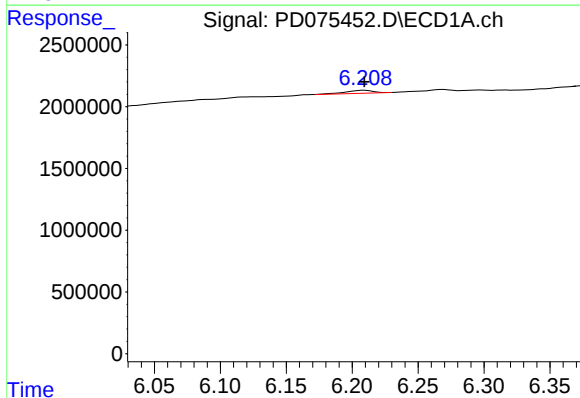
R.T.: 5.695 min  
Delta R.T.: -0.006 min  
Response: 3230710  
Conc: 0.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



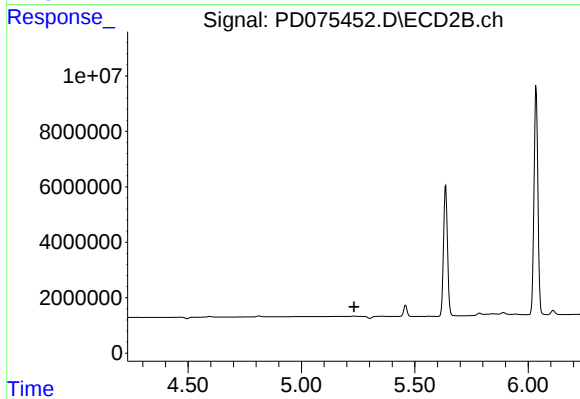
#8 Heptachlor epoxide

R.T.: 4.681 min  
Delta R.T.: -0.047 min  
Response: 134258  
Conc: N.D.



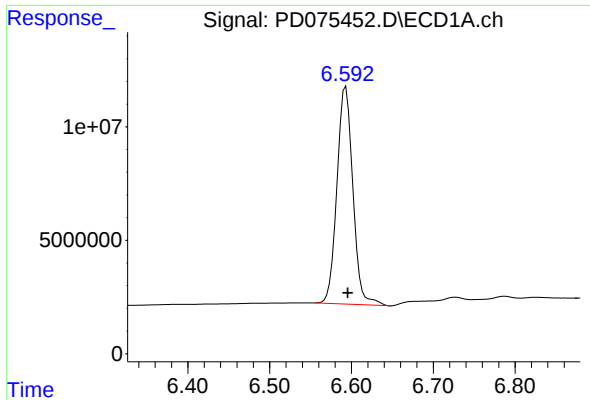
#12 4,4'-DDE

R.T.: 6.209 min  
Delta R.T.: 0.000 min  
Response: 339720  
Conc: 0.10 ng/ml



#12 4,4'-DDE

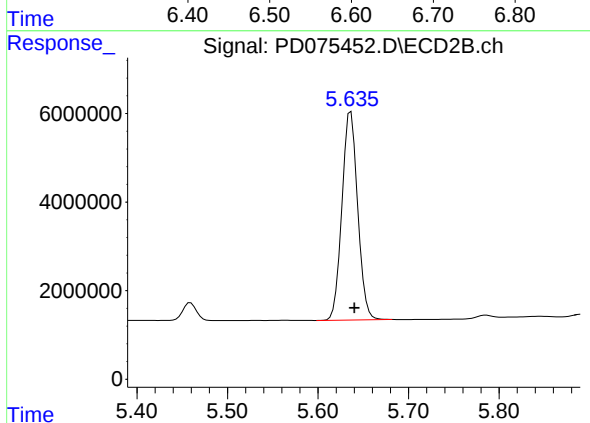
R.T.: 0.000 min  
Exp R.T.: 5.232 min  
Response: 0  
Conc: N.D.



#14 Endrin

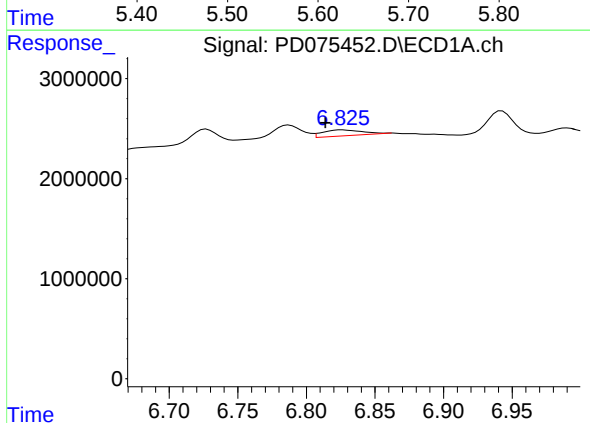
R.T.: 6.593 min  
Delta R.T.: -0.002 min  
Response: 129670032  
Conc: 44.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



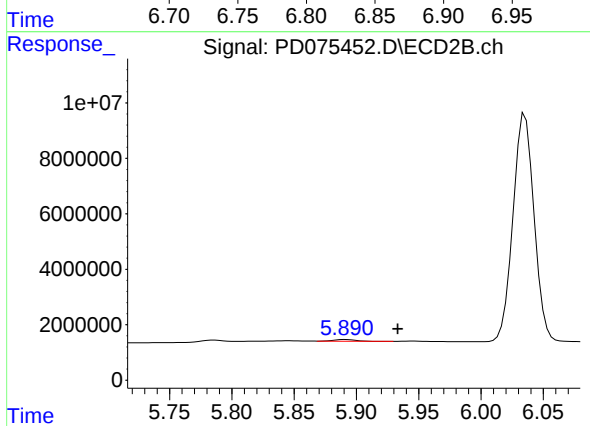
#14 Endrin

R.T.: 5.636 min  
Delta R.T.: -0.004 min  
Response: 56823270  
Conc: 46.72 ng/ml



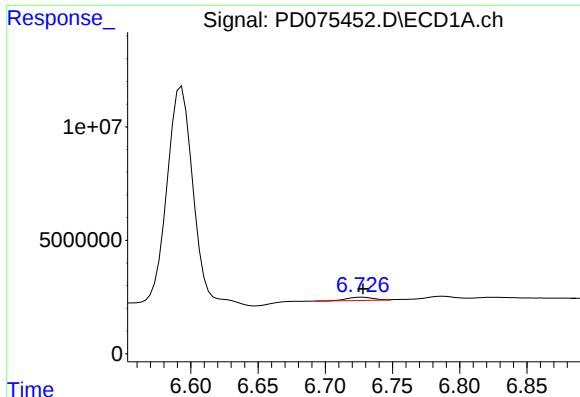
#15 Endosulfan II

R.T.: 6.826 min  
Delta R.T.: 0.012 min  
Response: 1296003  
Conc: 0.40 ng/ml



#15 Endosulfan II

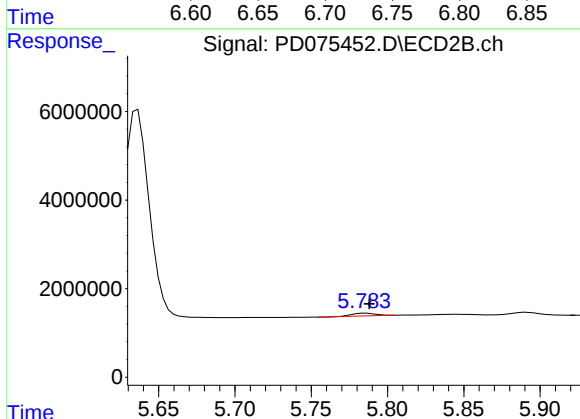
R.T.: 5.891 min  
Delta R.T.: -0.042 min  
Response: 732275  
Conc: 0.57 ng/ml



#16 4,4'-DDD

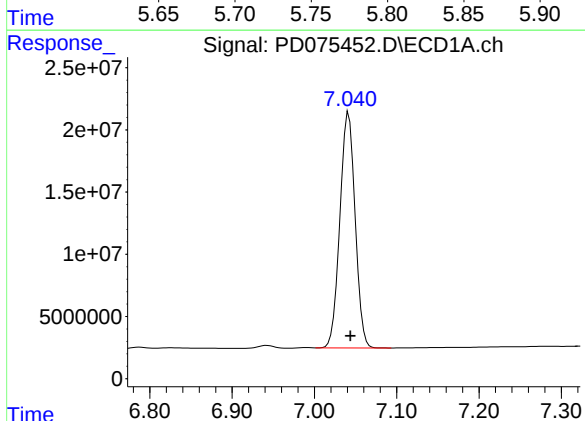
R.T.: 6.727 min  
Delta R.T.: 0.000 min  
Response: 1998921  
Conc: 0.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



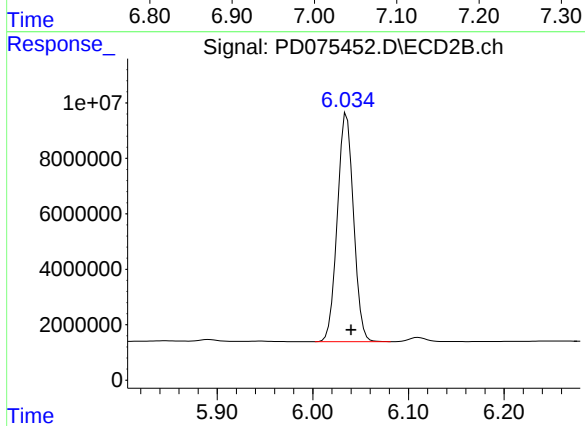
#16 4,4'-DDD

R.T.: 5.786 min  
Delta R.T.: -0.002 min  
Response: 635804  
Conc: 0.64 ng/ml



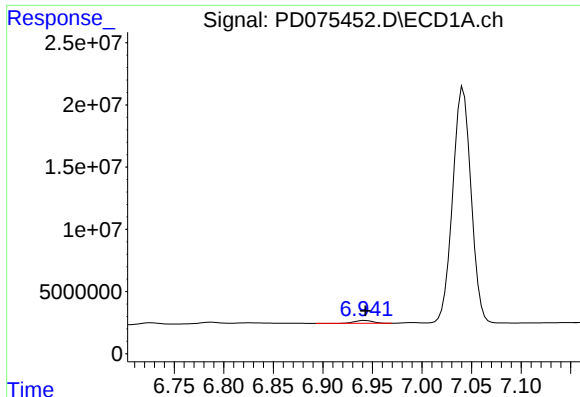
#17 4,4'-DDT

R.T.: 7.042 min  
Delta R.T.: -0.002 min  
Response: 243951979  
Conc: 96.11 ng/ml



#17 4,4'-DDT

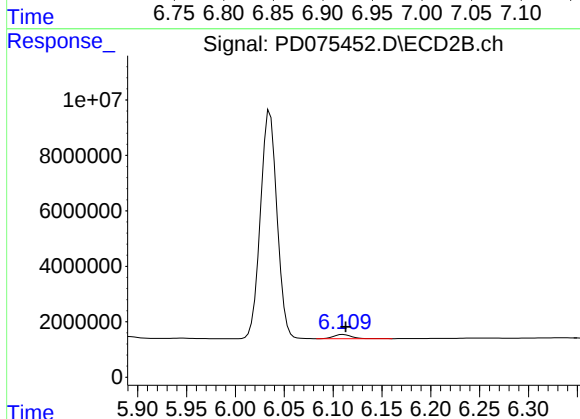
R.T.: 6.035 min  
Delta R.T.: -0.005 min  
Response: 96886149  
Conc: 96.13 ng/ml



#18 Endrin aldehyde

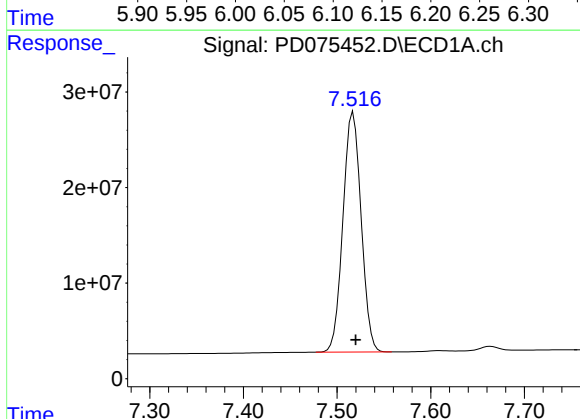
R.T.: 6.943 min  
Delta R.T.: 0.000 min  
Response: 2803326  
Conc: 1.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



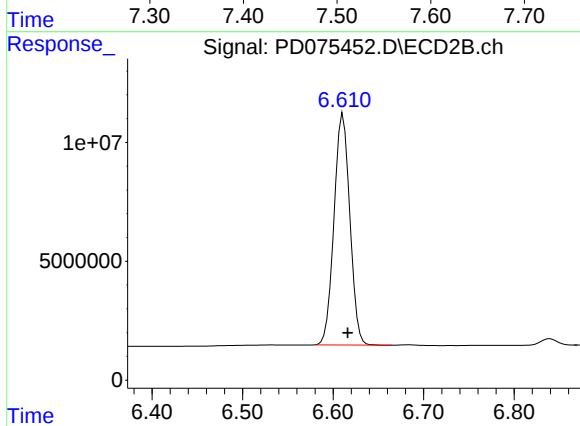
#18 Endrin aldehyde

R.T.: 6.110 min  
Delta R.T.: -0.002 min  
Response: 1918202  
Conc: 1.89 ng/ml



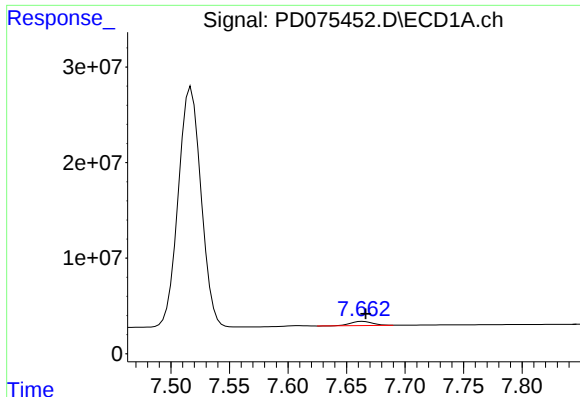
#20 Methoxychlor

R.T.: 7.517 min  
Delta R.T.: -0.003 min  
Response: 339319671  
Conc: 231.00 ng/ml



#20 Methoxychlor

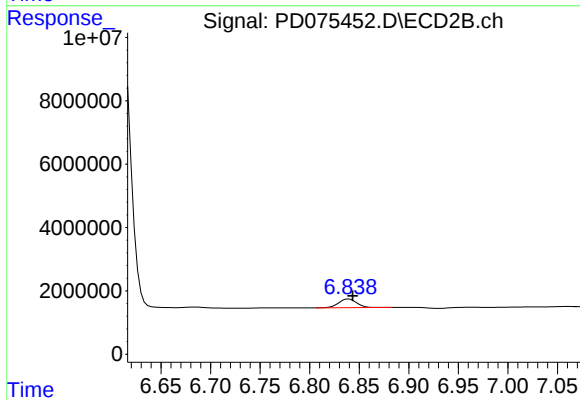
R.T.: 6.611 min  
Delta R.T.: -0.005 min  
Response: 118136580  
Conc: 206.25 ng/ml



#21 Endrin ketone

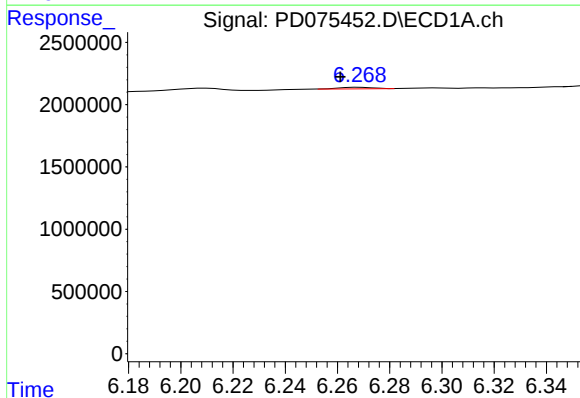
R.T.: 7.664 min  
Delta R.T.: -0.003 min  
Response: 5700549  
Conc: 1.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



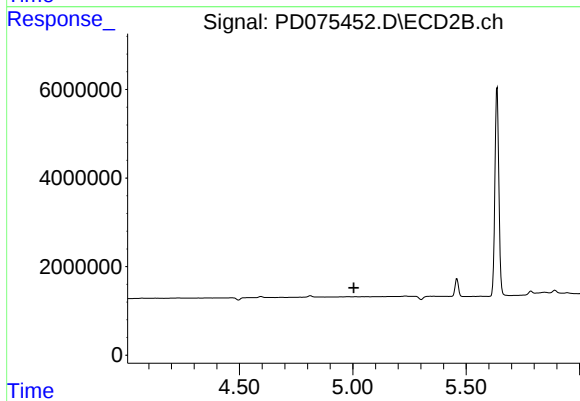
#21 Endrin ketone

R.T.: 6.840 min  
Delta R.T.: -0.004 min  
Response: 3518826  
Conc: 2.67 ng/ml



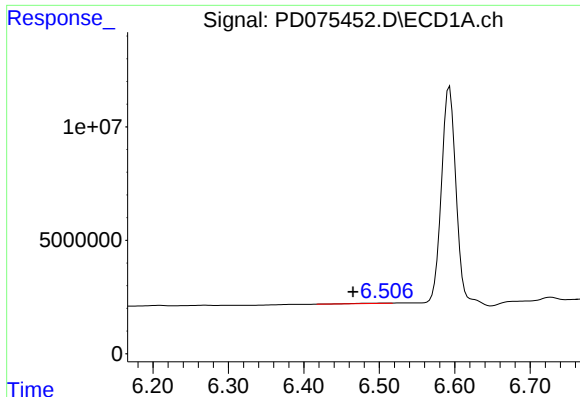
#22 Toxaphene-1

R.T.: 6.269 min  
Delta R.T.: 0.008 min  
Response: 108437  
Conc: 4.71 ng/ml



#22 Toxaphene-1

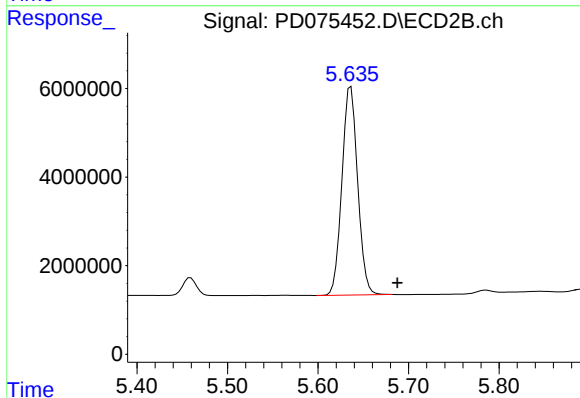
R.T.: 0.000 min  
Exp R.T. : 5.005 min  
Response: 0  
Conc: N.D.



#23 Toxaphene-2

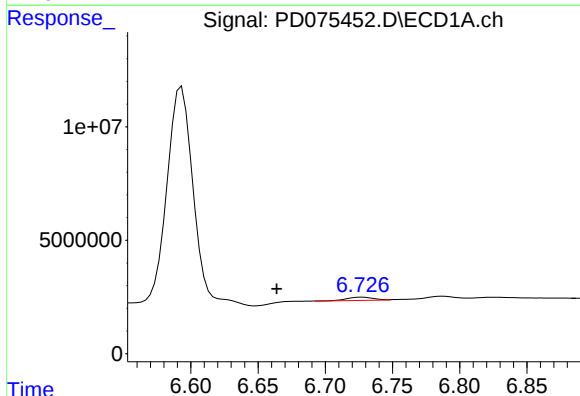
R.T.: 6.509 min  
Delta R.T.: 0.044 min  
Response: 435605  
Conc: 14.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



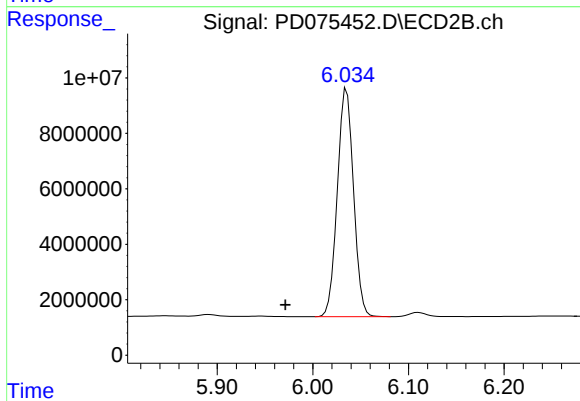
#23 Toxaphene-2

R.T.: 5.636 min  
Delta R.T.: -0.051 min  
Response: 56823270  
Conc: 7116.44 ng/ml



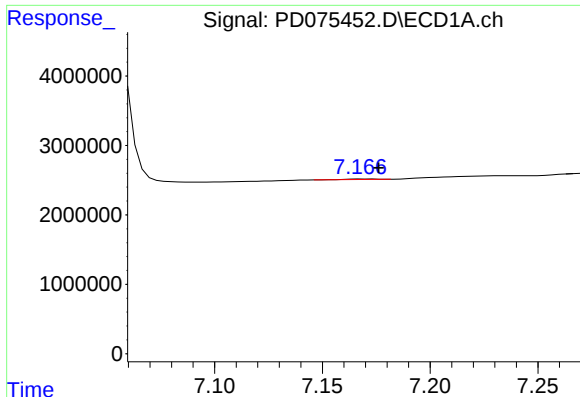
#24 Toxaphene-3

R.T.: 6.727 min  
Delta R.T.: 0.063 min  
Response: 1998921  
Conc: 94.76 ng/ml



#24 Toxaphene-3

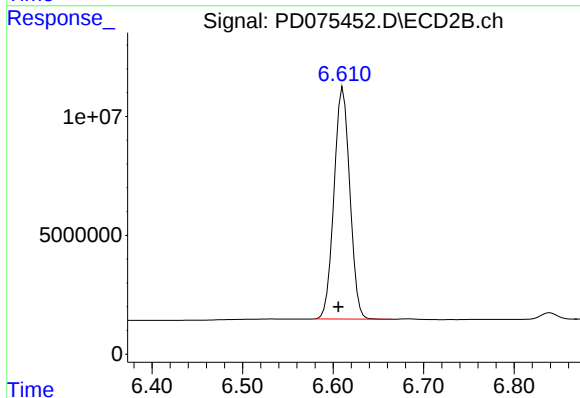
R.T.: 6.035 min  
Delta R.T.: 0.064 min  
Response: 96886149  
Conc: 11058.34 ng/ml



#25 Toxaphene-4

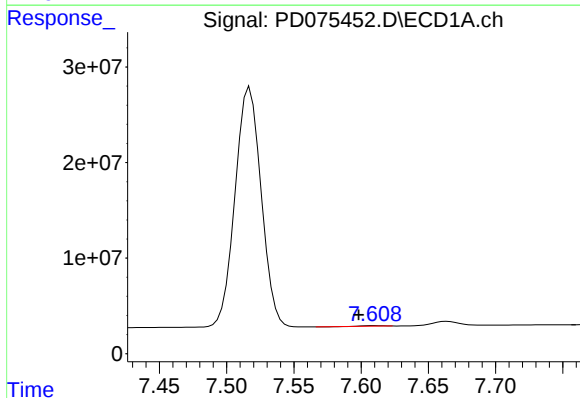
R.T.: 7.169 min  
Delta R.T.: -0.007 min  
Response: 65776  
Conc: 1.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



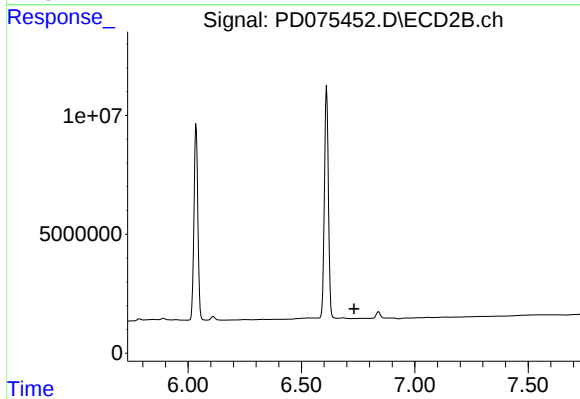
#25 Toxaphene-4

R.T.: 6.611 min  
Delta R.T.: 0.005 min  
Response: 118136580  
Conc: 4666.16 ng/ml



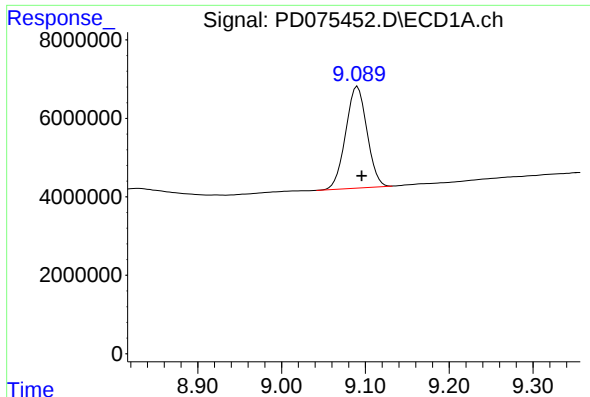
#26 Toxaphene-5

R.T.: 7.610 min  
Delta R.T.: 0.011 min  
Response: 676271  
Conc: 14.26 ng/ml



#26 Toxaphene-5

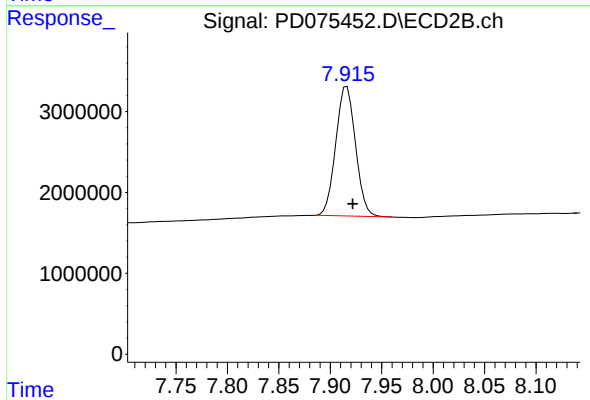
R.T.: 0.000 min  
Exp R.T.: 6.732 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.091 min  
Delta R.T.: -0.005 min  
Response: 45759053  
Conc: 18.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.916 min  
Delta R.T.: -0.006 min  
Response: 21396669  
Conc: 22.66 ng/ml