

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102119\  
 Data File : PD055485.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2019 19:49  
 Operator : SG\AJ  
 Sample : K5262-17DL 5X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BFB78DL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 22 04:01:51 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101819CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 19 00:42:03 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

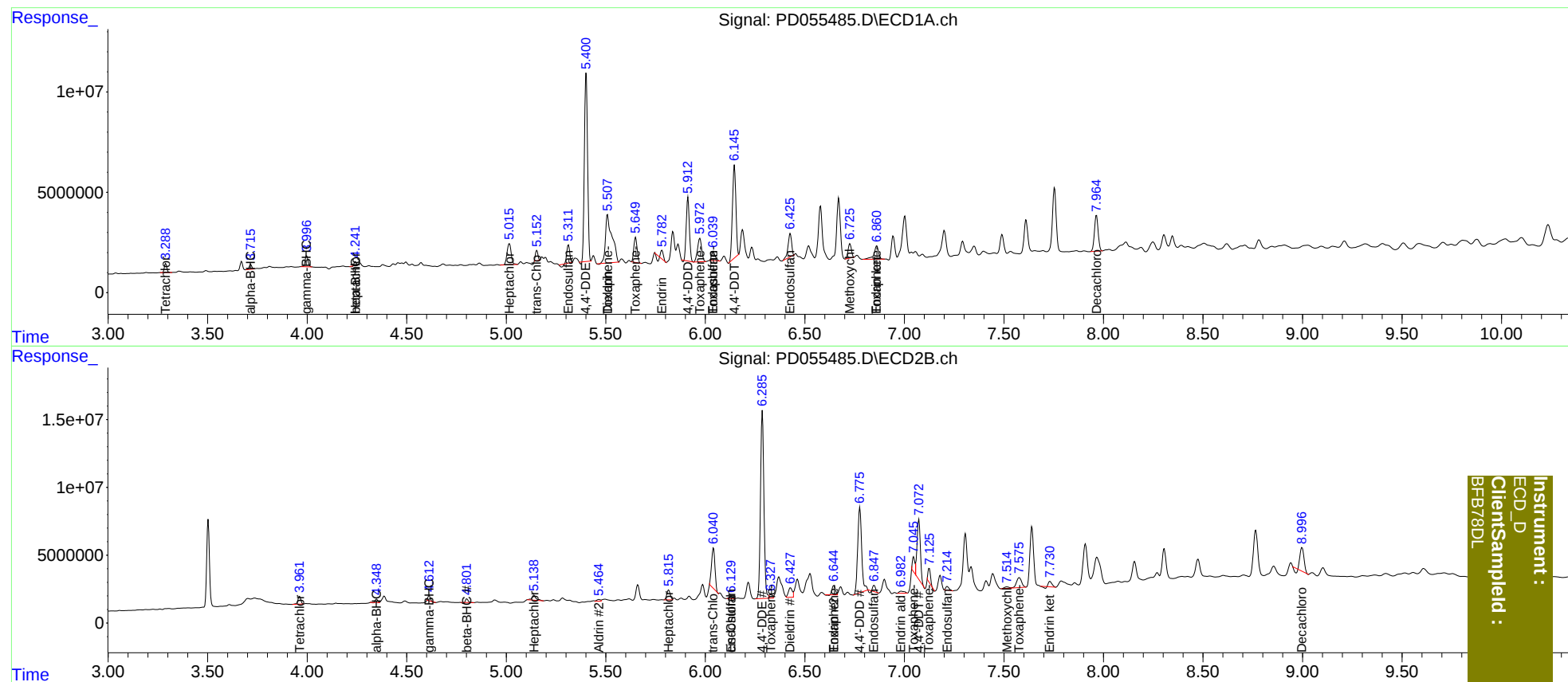
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|-----------|
| -----                       |                 |        |        |          |          |          |           |
| System Monitoring Compounds |                 |        |        |          |          |          |           |
| 1)                          | SA Tetrachlo... | 3.290  | 3.962  | 3829323  | 5928173  | 4.295    | 4.403     |
| 27)                         | SA Decachlor... | 7.965  | 8.998  | 23255119 | 21778248 | 25.397   | 16.691 #  |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.717  | 4.349  | 2157771  | 2154391  | 1.718    | 1.107 #   |
| 3)                          | MA gamma-BHC... | 3.998  | 4.613  | 5524197  | 3229959  | 4.662    | 1.752 #   |
| 4)                          | MA Heptachlor   | 4.242f | 5.139  | 1230560  | 5415609  | 1.352    | 2.904 #   |
| 5)                          | MB Aldrin       | 0.000  | 5.465  | 0        | 1679189  | N.D.     | 0.966     |
| 6)                          | B beta-BHC      | 4.242  | 4.802  | 1230560  | 2016431  | 2.315    | 2.280     |
| 8)                          | B Heptachlo...  | 5.016f | 5.816  | 15320791 | 8800886  | 15.187   | 5.154 #   |
| 9)                          | A Endosulfan I  | 5.313  | 6.131f | 8154297  | 1895485  | 8.484    | 1.156 #   |
| 10)                         | B trans-Chl...  | 5.154  | 6.041  | 4409979  | 35369962 | 4.265    | 20.082 #  |
| 11)                         | B cis-Chlor...  | 0.000  | 6.131  | 0        | 1895485  | N.D.     | 1.103     |
| 12)                         | B 4,4'-DDE      | 5.402  | 6.287  | 103.6E6  | 164.9E6  | 101.635  | 97.825    |
| 13)                         | MA Dieldrin     | 5.509  | 6.428  | 54398671 | 9432788  | 49.086   | 5.212 #   |
| 14)                         | MA Endrin       | 5.782  | 6.646  | 2230355  | 7741219  | 2.490    | 5.542 #   |
| 15)                         | B Endosulfa...  | 6.040  | 6.848  | 5594693  | 3537465  | 5.844    | 2.275 #   |
| 16)                         | A 4,4'-DDD      | 5.913  | 6.776  | 34569580 | 87359564 | 42.654   | 61.064 #  |
| 17)                         | MA 4,4'-DDT     | 6.146  | 7.073  | 54988557 | 51952234 | 81.105   | 38.329 #  |
| 19)                         | B Endosulfa...  | 6.427  | 7.215  | 14332822 | 3094705  | 16.079   | 2.076 #   |
| 20)                         | A Methoxychlor  | 6.727  | 7.516  | 8192148  | 1896510  | 22.465   | 2.460 #   |
| 21)                         | B Endrin ke...  | 6.861f | 7.731f | 10700071 | 4076707  | 10.948   | 2.545 #   |
| 22)                         | Toxaphene-1     | 5.509  | 6.329  | 54398671 | 2948271  | 9295.580 | 377.564 # |
| 23)                         | Toxaphene-2     | 5.650  | 6.646  | 14329066 | 7741219  | 2456.993 | 794.838 # |
| 24)                         | Toxaphene-3     | 5.973  | 7.046  | 16848392 | 9299043  | 3128.786 | 685.612 # |
| 25)                         | Toxaphene-4     | 6.040  | 7.125  | 5594693  | 8710064  | 366.299  | 226.050 # |
| 26)                         | Toxaphene-5     | 6.861  | 7.577  | 10700071 | 13268710 | 605.553  | 731.231   |
| -----                       |                 |        |        |          |          |          |           |

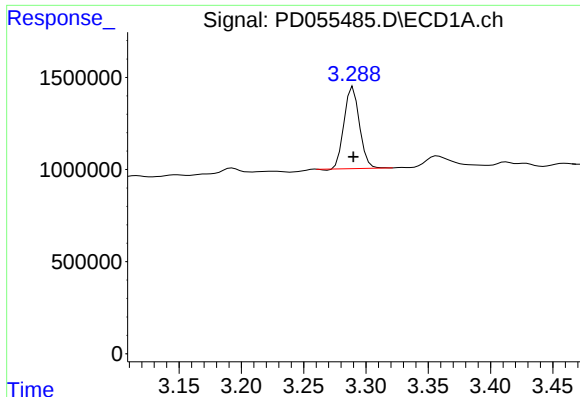
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102119\  
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Acq On : 21 Oct 2019 19:49  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101819CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Oct 19 00:42:03 2019  
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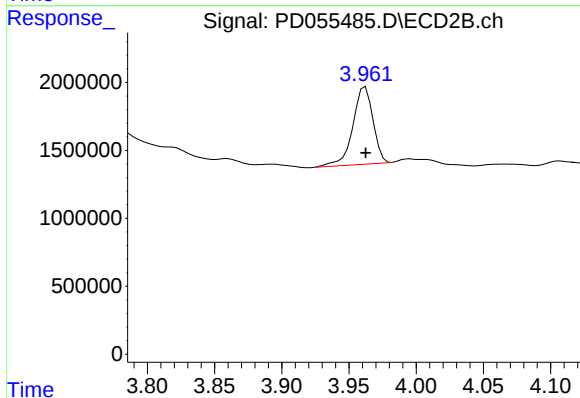




#1 Tetrachloro-m-xylene

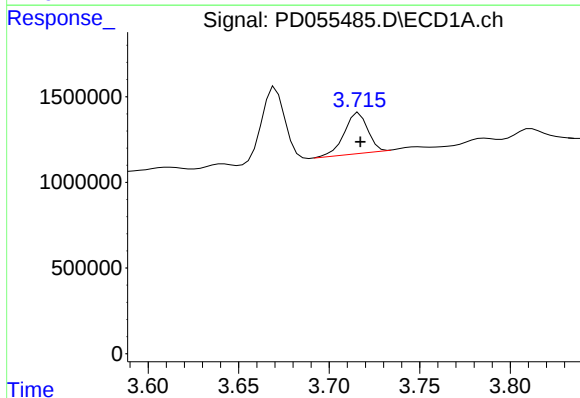
R.T.: 3.290 min  
Delta R.T.: 0.000 min  
Response: 3829323  
Conc: 4.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB78DL



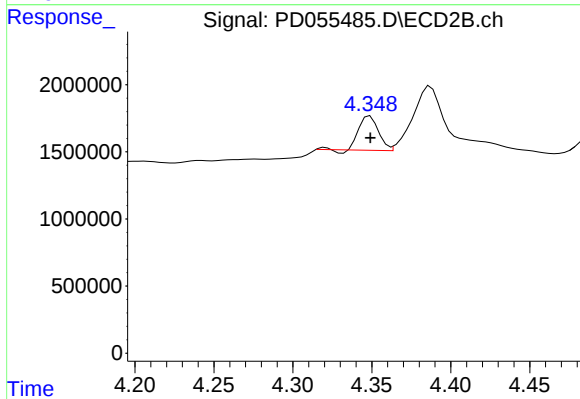
#1 Tetrachloro-m-xylene

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 5928173  
Conc: 4.40 ng/ml



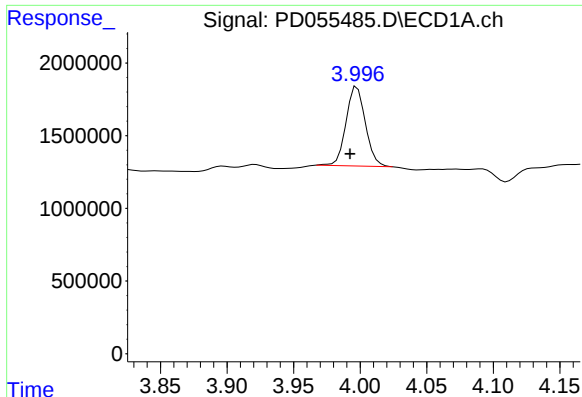
#2 alpha-BHC

R.T.: 3.717 min  
Delta R.T.: 0.000 min  
Response: 2157771  
Conc: 1.72 ng/ml



#2 alpha-BHC

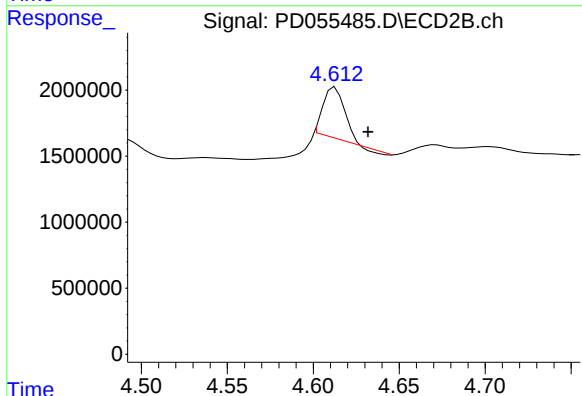
R.T.: 4.349 min  
Delta R.T.: 0.000 min  
Response: 2154391  
Conc: 1.11 ng/ml



#3 gamma-BHC (Lindane)

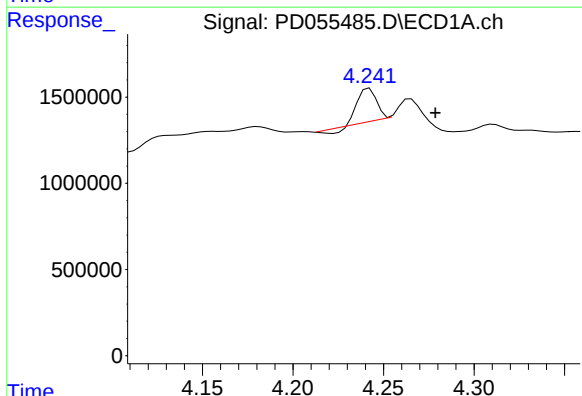
R.T.: 3.998 min  
Delta R.T.: 0.005 min  
Response: 5524197  
Conc: 4.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB78DL



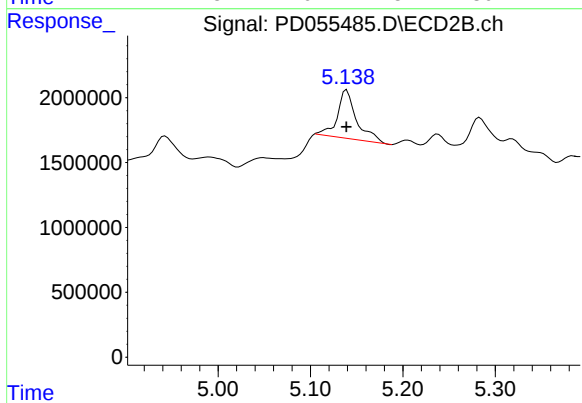
#3 gamma-BHC (Lindane)

R.T.: 4.613 min  
Delta R.T.: -0.019 min  
Response: 3229959  
Conc: 1.75 ng/ml



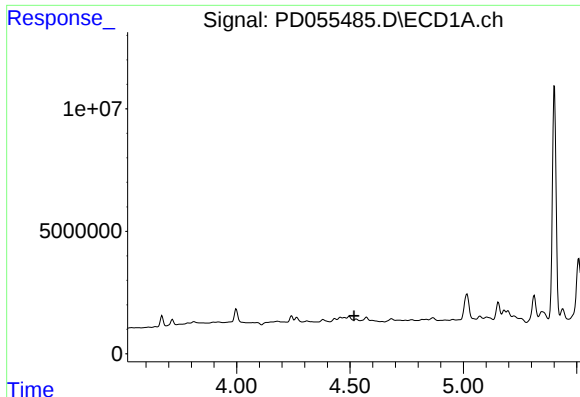
#4 Heptachlor

R.T.: 4.242 min  
Delta R.T.: -0.036 min  
Response: 1230560  
Conc: 1.35 ng/ml



#4 Heptachlor

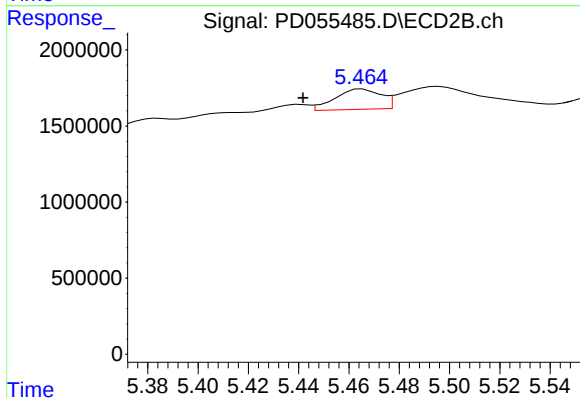
R.T.: 5.139 min  
Delta R.T.: 0.000 min  
Response: 5415609  
Conc: 2.90 ng/ml



#5 Aldrin

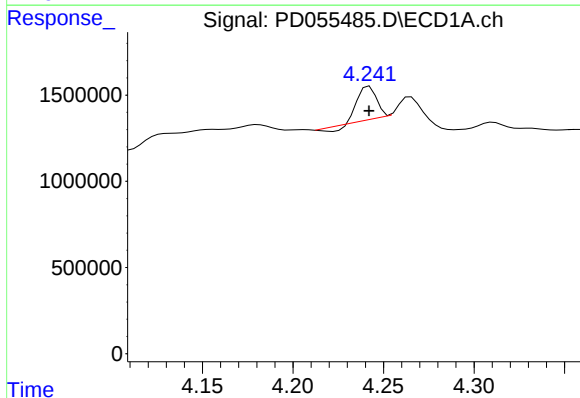
R.T.: 0.000 min  
Exp R.T.: 4.518 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFB78DL



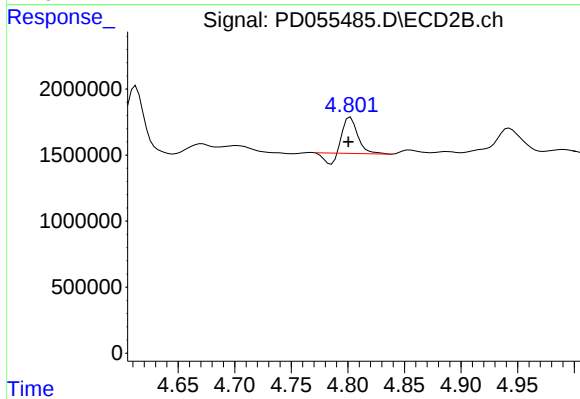
#5 Aldrin

R.T.: 5.465 min  
Delta R.T.: 0.024 min  
Response: 1679189  
Conc: 0.97 ng/ml



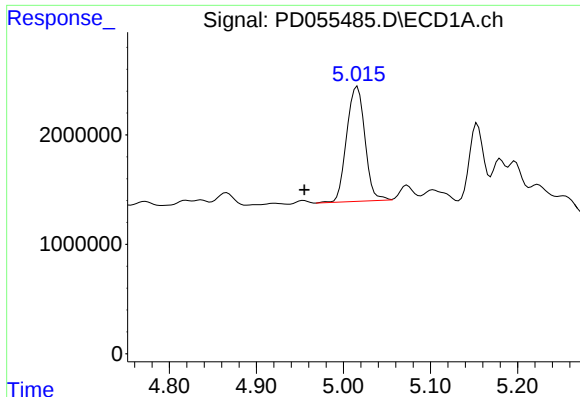
#6 beta-BHC

R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 1230560  
Conc: 2.31 ng/ml



#6 beta-BHC

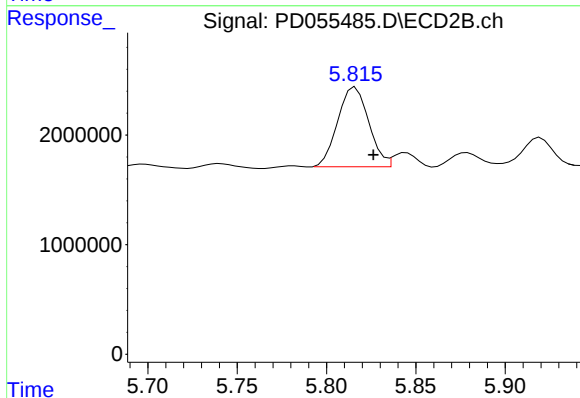
R.T.: 4.802 min  
Delta R.T.: 0.002 min  
Response: 2016431  
Conc: 2.28 ng/ml



#8 Heptachlor epoxide

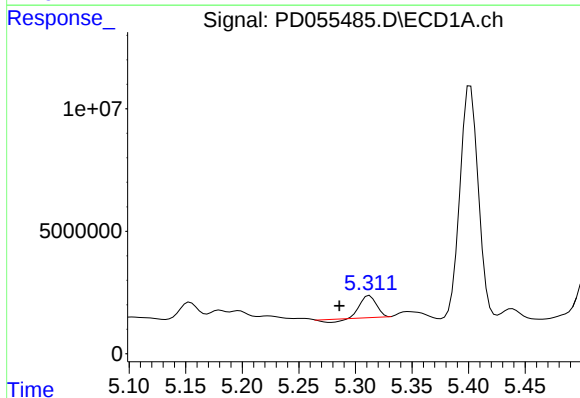
R.T.: 5.016 min  
Delta R.T.: 0.061 min  
Response: 15320791  
Conc: 15.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB78DL



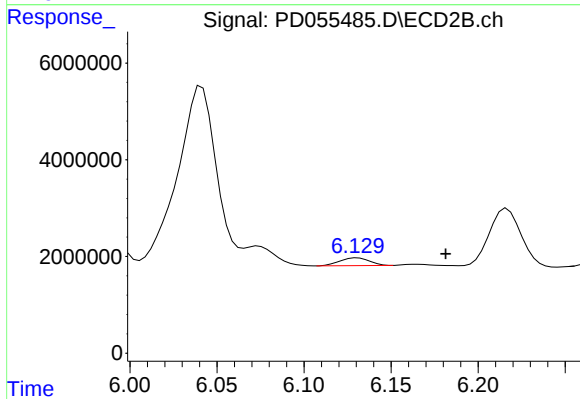
#8 Heptachlor epoxide

R.T.: 5.816 min  
Delta R.T.: -0.010 min  
Response: 8800886  
Conc: 5.15 ng/ml



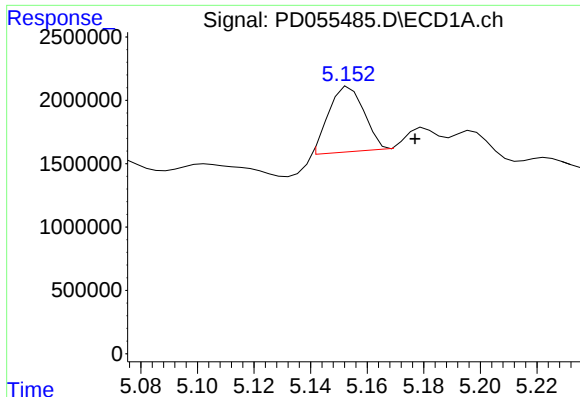
#9 Endosulfan I

R.T.: 5.313 min  
Delta R.T.: 0.027 min  
Response: 8154297  
Conc: 8.48 ng/ml



#9 Endosulfan I

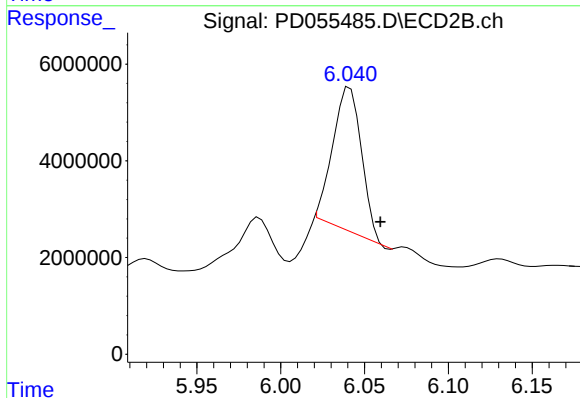
R.T.: 6.131 min  
Delta R.T.: -0.051 min  
Response: 1895485  
Conc: 1.16 ng/ml



#10 trans-Chlordane

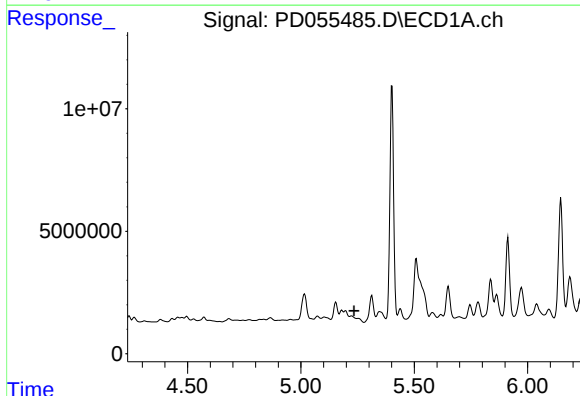
R.T.: 5.154 min  
Delta R.T.: -0.023 min  
Response: 4409979  
Conc: 4.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB78DL



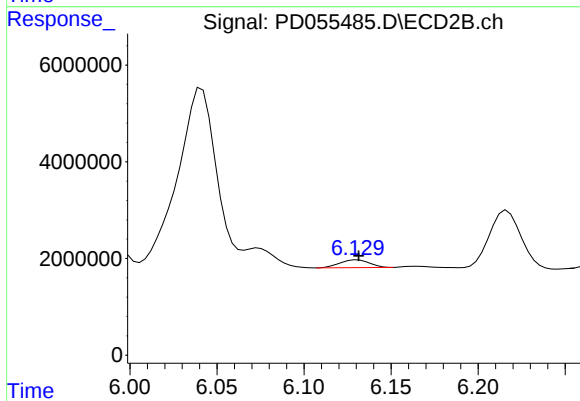
#10 trans-Chlordane

R.T.: 6.041 min  
Delta R.T.: -0.018 min  
Response: 35369962  
Conc: 20.08 ng/ml



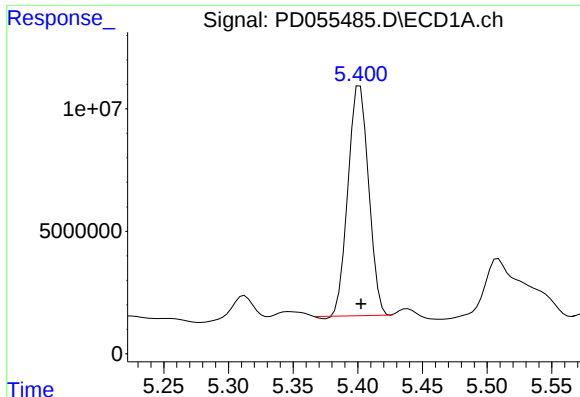
#11 cis-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.234 min  
Response: 0  
Conc: N.D.



#11 cis-Chlordane

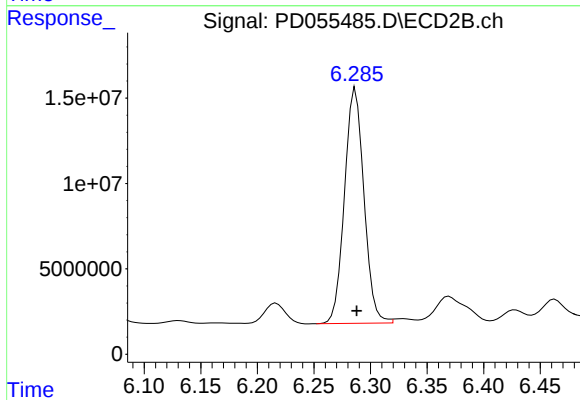
R.T.: 6.131 min  
Delta R.T.: 0.000 min  
Response: 1895485  
Conc: 1.10 ng/ml



#12 4,4'-DDE

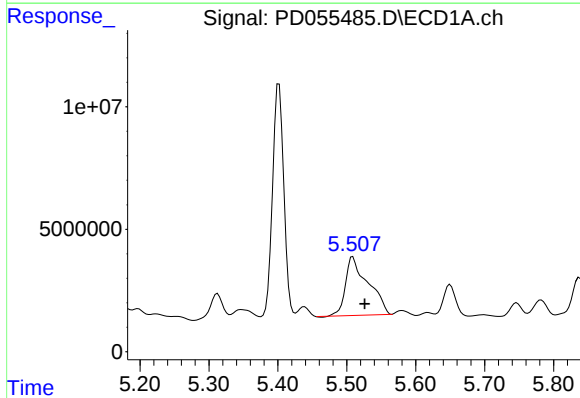
R.T.: 5.402 min  
Delta R.T.: 0.000 min  
Response: 103591602  
Conc: 101.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB78DL



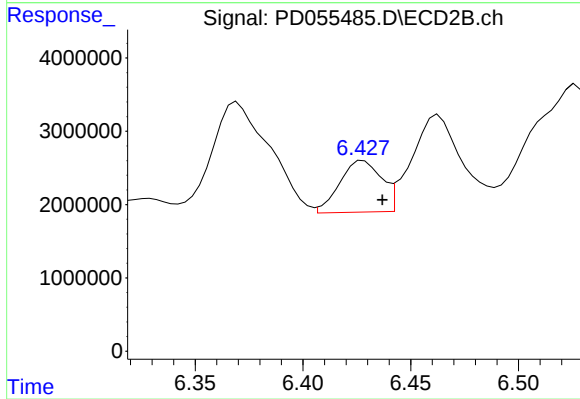
#12 4,4'-DDE

R.T.: 6.287 min  
Delta R.T.: -0.001 min  
Response: 164946073  
Conc: 97.83 ng/ml



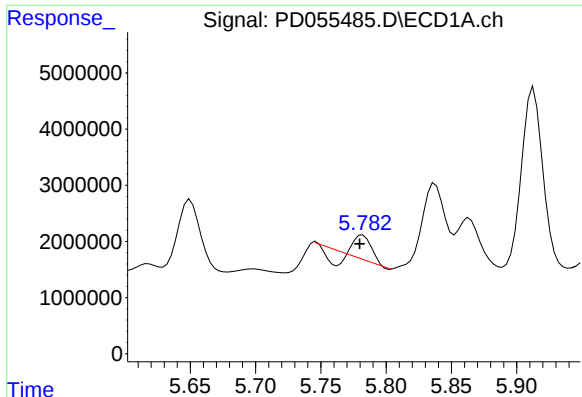
#13 Dieldrin

R.T.: 5.509 min  
Delta R.T.: -0.017 min  
Response: 54398671  
Conc: 49.09 ng/ml



#13 Dieldrin

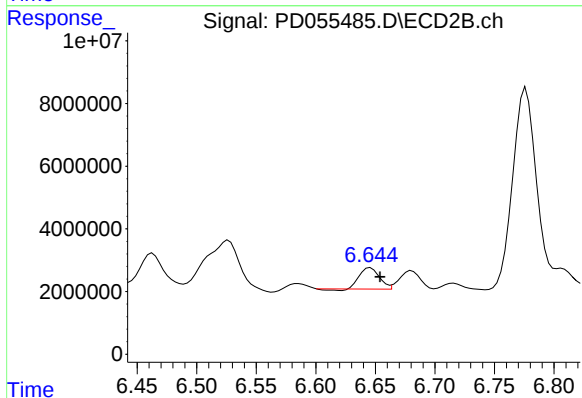
R.T.: 6.428 min  
Delta R.T.: -0.009 min  
Response: 9432788  
Conc: 5.21 ng/ml



#14 Endrin

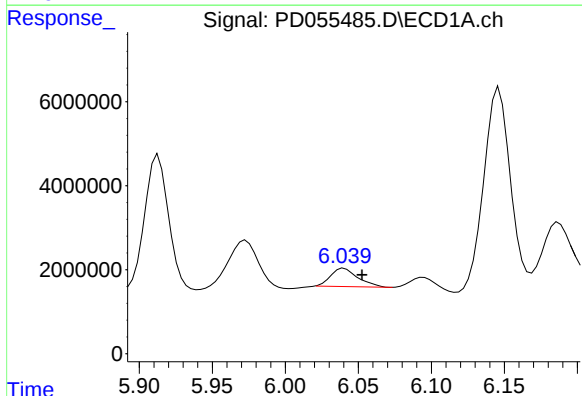
R.T.: 5.782 min  
Delta R.T.: 0.002 min  
Response: 2230355  
Conc: 2.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB78DL



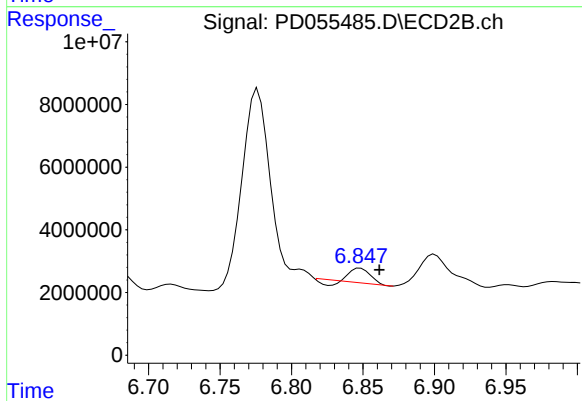
#14 Endrin

R.T.: 6.646 min  
Delta R.T.: -0.008 min  
Response: 7741219  
Conc: 5.54 ng/ml



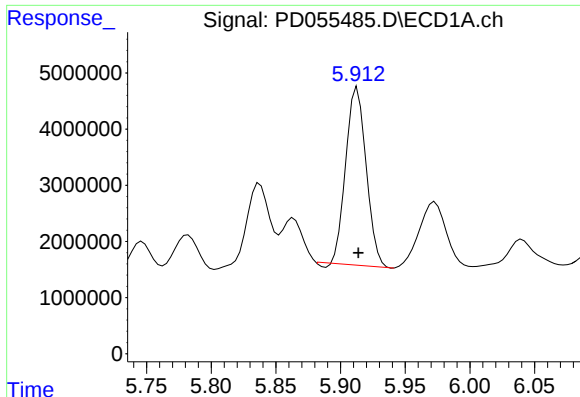
#15 Endosulfan II

R.T.: 6.040 min  
Delta R.T.: -0.012 min  
Response: 5594693  
Conc: 5.84 ng/ml



#15 Endosulfan II

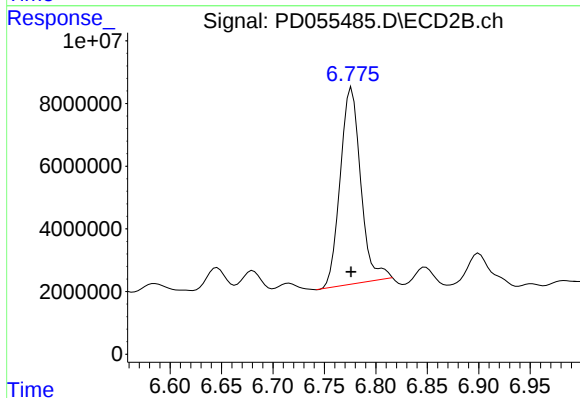
R.T.: 6.848 min  
Delta R.T.: -0.013 min  
Response: 3537465  
Conc: 2.28 ng/ml



#16 4,4'-DDD

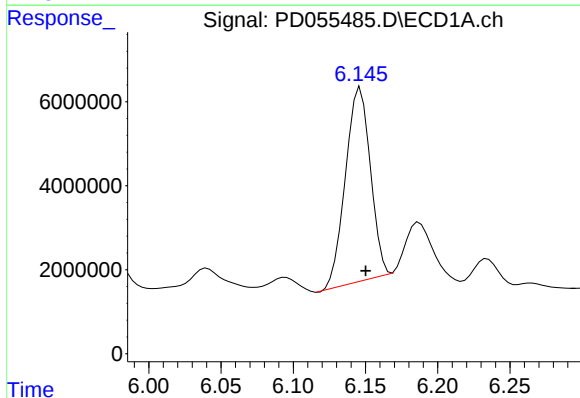
R.T.: 5.913 min  
Delta R.T.: 0.000 min  
Response: 34569580  
Conc: 42.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB78DL



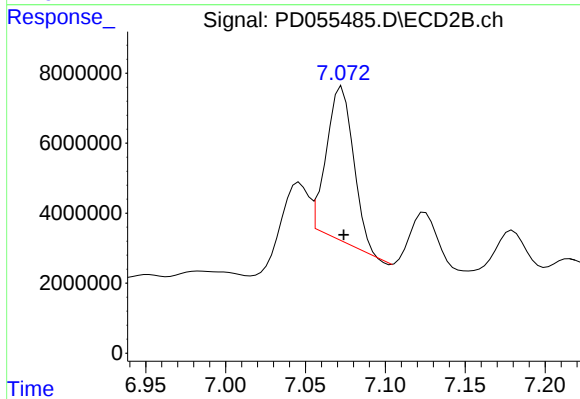
#16 4,4'-DDD

R.T.: 6.776 min  
Delta R.T.: 0.000 min  
Response: 87359564  
Conc: 61.06 ng/ml



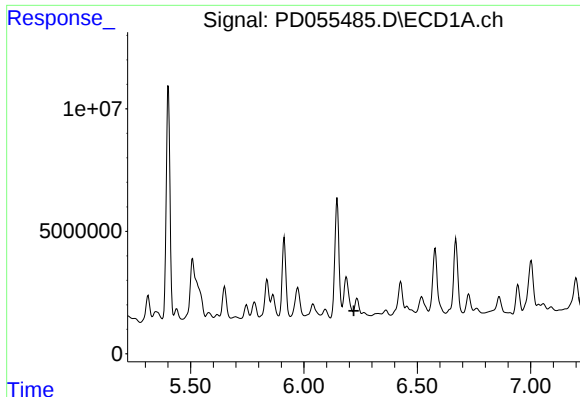
#17 4,4'-DDT

R.T.: 6.146 min  
Delta R.T.: -0.004 min  
Response: 54988557  
Conc: 81.11 ng/ml



#17 4,4'-DDT

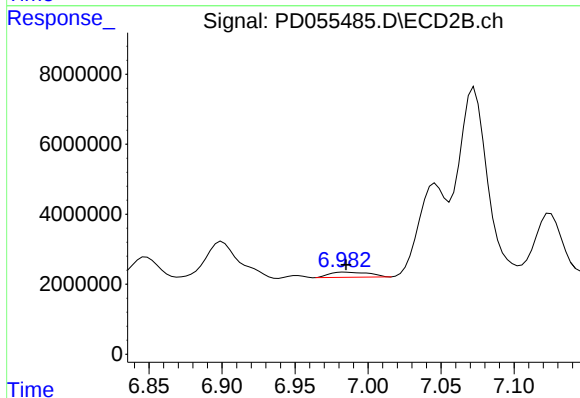
R.T.: 7.073 min  
Delta R.T.: -0.001 min  
Response: 51952234  
Conc: 38.33 ng/ml



#18 Endrin aldehyde

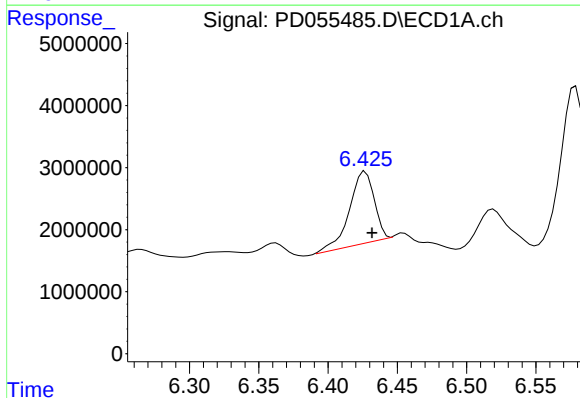
R.T.: 6.234 min  
Delta R.T.: 0.014 min  
Response: -1948662  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFB78DL



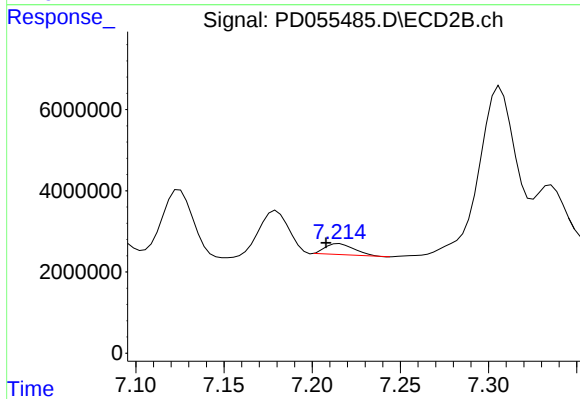
#18 Endrin aldehyde

R.T.: 6.984 min  
Delta R.T.: 0.000 min  
Response: 2818635  
Conc: 2.13 ng/ml



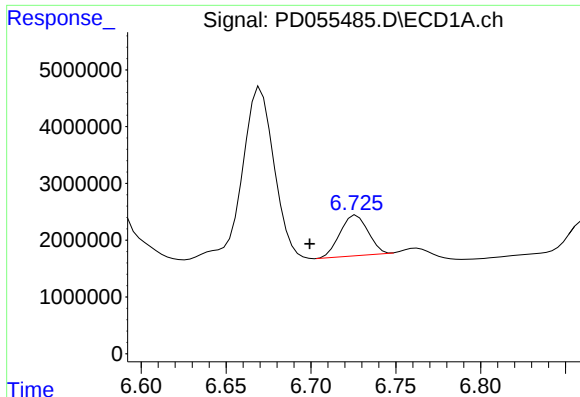
#19 Endosulfan Sulfate

R.T.: 6.427 min  
Delta R.T.: -0.005 min  
Response: 14332822  
Conc: 16.08 ng/ml



#19 Endosulfan Sulfate

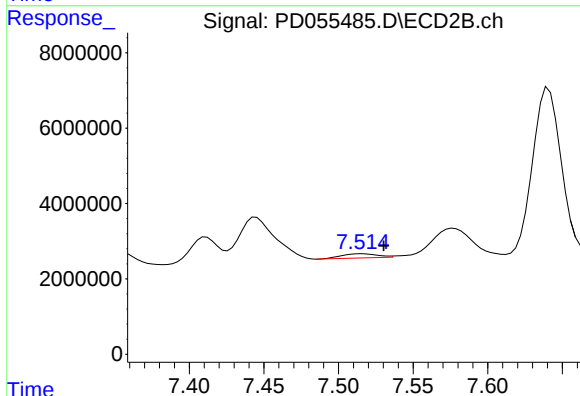
R.T.: 7.215 min  
Delta R.T.: 0.008 min  
Response: 3094705  
Conc: 2.08 ng/ml



#20 Methoxychlor

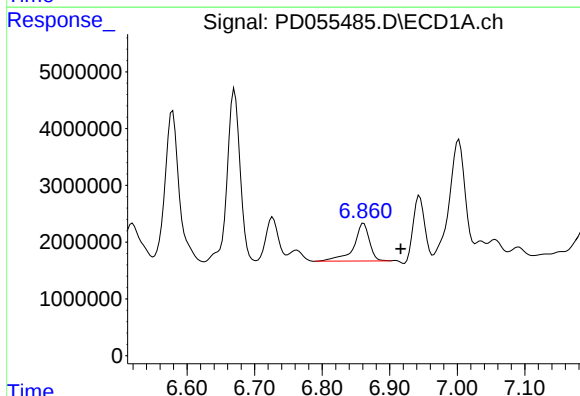
R.T.: 6.727 min  
Delta R.T.: 0.028 min  
Response: 8192148  
Conc: 22.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB78DL



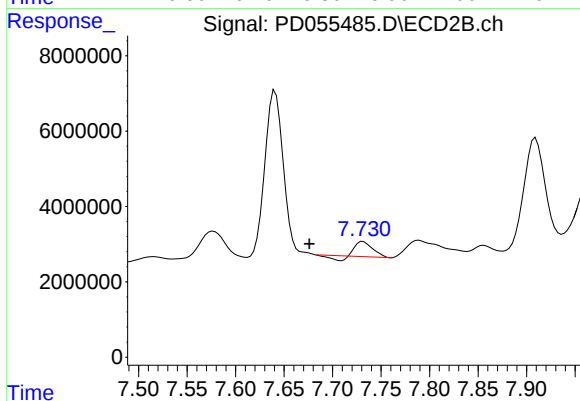
#20 Methoxychlor

R.T.: 7.516 min  
Delta R.T.: -0.015 min  
Response: 1896510  
Conc: 2.46 ng/ml



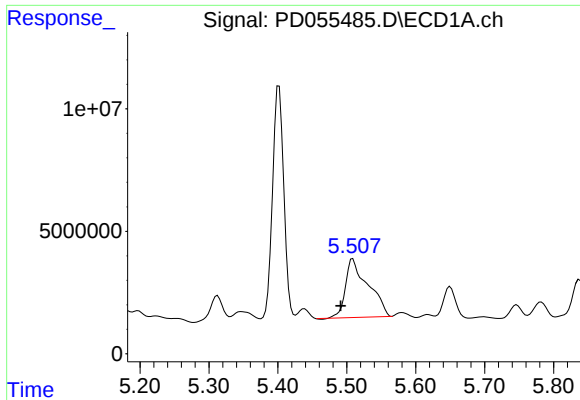
#21 Endrin ketone

R.T.: 6.861 min  
Delta R.T.: -0.055 min  
Response: 10700071  
Conc: 10.95 ng/ml



#21 Endrin ketone

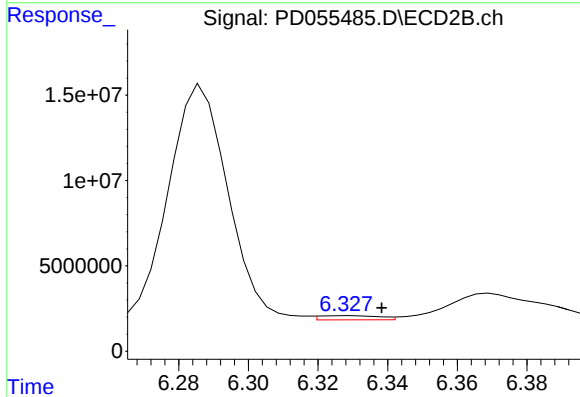
R.T.: 7.731 min  
Delta R.T.: 0.055 min  
Response: 4076707  
Conc: 2.55 ng/ml



#22 Toxaphene-1

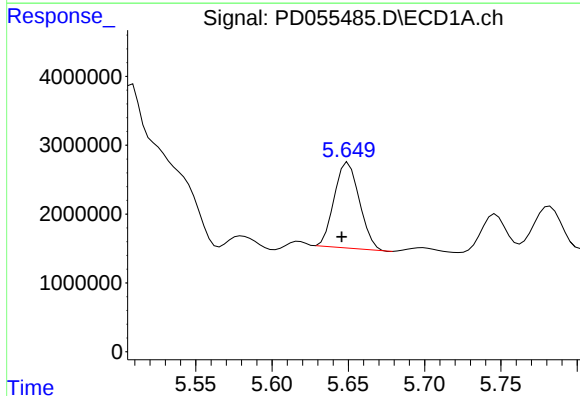
R.T.: 5.509 min  
Delta R.T.: 0.018 min  
Response: 54398671  
Conc: 9295.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB78DL



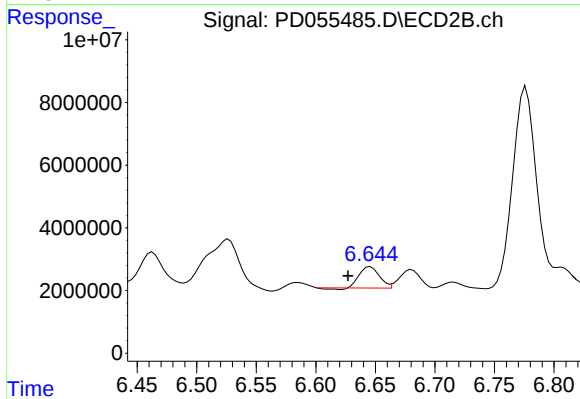
#22 Toxaphene-1

R.T.: 6.329 min  
Delta R.T.: -0.010 min  
Response: 2948271  
Conc: 377.56 ng/ml



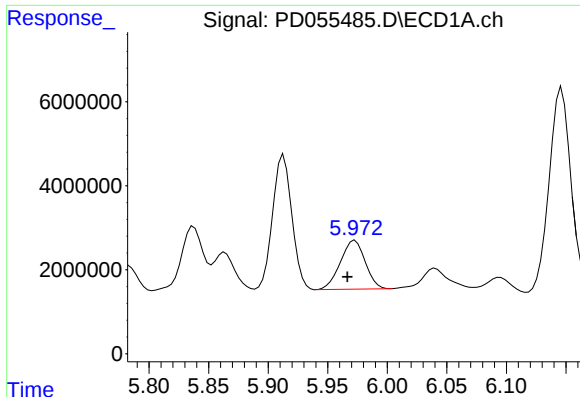
#23 Toxaphene-2

R.T.: 5.650 min  
Delta R.T.: 0.004 min  
Response: 14329066  
Conc: 2456.99 ng/ml



#23 Toxaphene-2

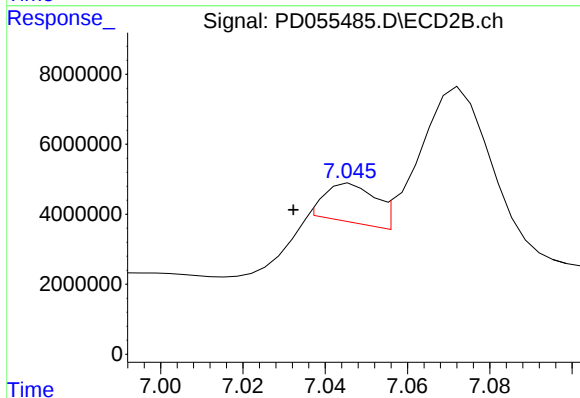
R.T.: 6.646 min  
Delta R.T.: 0.019 min  
Response: 7741219  
Conc: 794.84 ng/ml



#24 Toxaphene-3

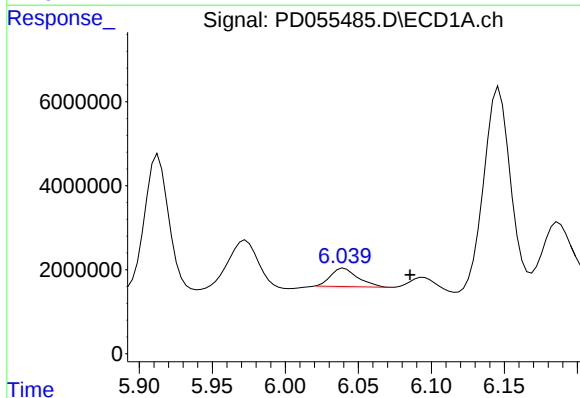
R.T.: 5.973 min  
Delta R.T.: 0.007 min  
Response: 16848392  
Conc: 3128.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB78DL



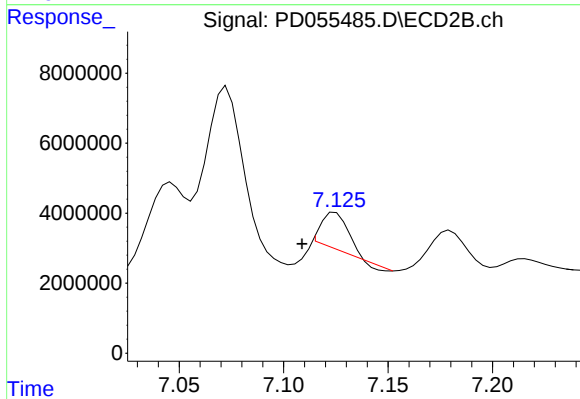
#24 Toxaphene-3

R.T.: 7.046 min  
Delta R.T.: 0.014 min  
Response: 9299043  
Conc: 685.61 ng/ml



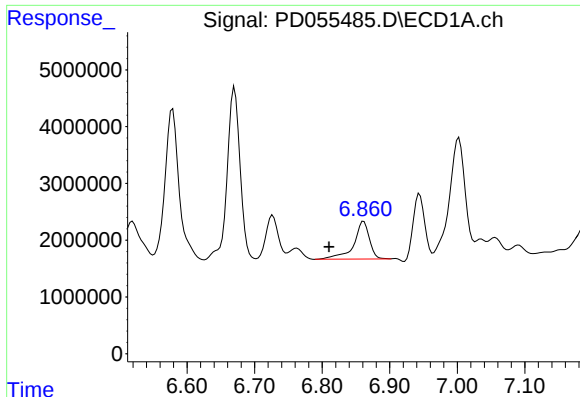
#25 Toxaphene-4

R.T.: 6.040 min  
Delta R.T.: -0.045 min  
Response: 5594693  
Conc: 366.30 ng/ml



#25 Toxaphene-4

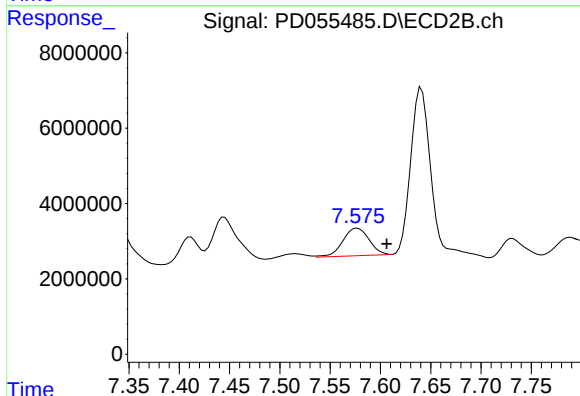
R.T.: 7.125 min  
Delta R.T.: 0.016 min  
Response: 8710064  
Conc: 226.05 ng/ml



#26 Toxaphene-5

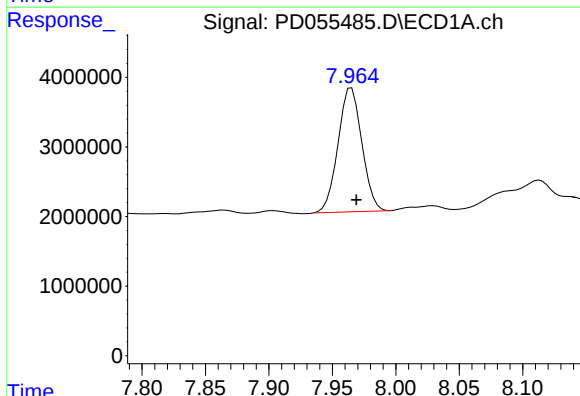
R.T.: 6.861 min  
Delta R.T.: 0.051 min  
Response: 10700071  
Conc: 605.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB78DL



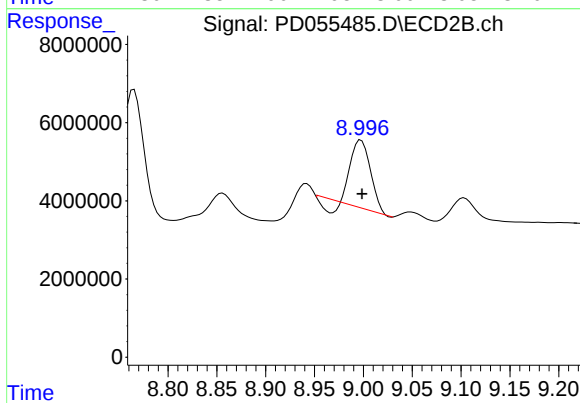
#26 Toxaphene-5

R.T.: 7.577 min  
Delta R.T.: -0.029 min  
Response: 13268710  
Conc: 731.23 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.965 min  
Delta R.T.: -0.004 min  
Response: 23255119  
Conc: 25.40 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.998 min  
Delta R.T.: -0.001 min  
Response: 21778248  
Conc: 16.69 ng/ml