

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020323\  
 Data File : PD073815.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Feb 2023 13:05  
 Operator : AR\AJ  
 Sample : 01378-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 03 23:55:14 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012523CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 25 02:23:06 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

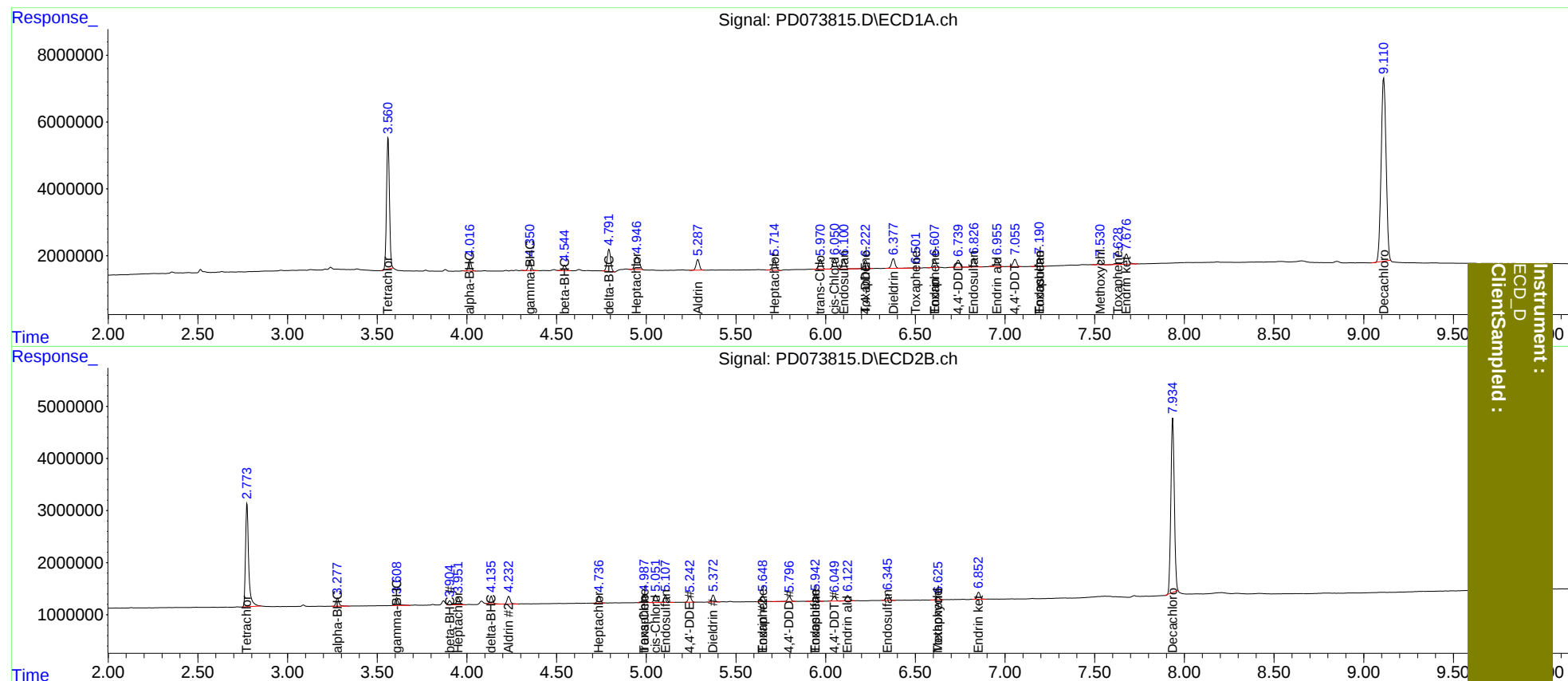
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.561  | 2.774  | 44372205 | 24263219 | 18.737  | 19.114    |
| 27)                         | SA Decachlor... | 9.112  | 7.935  | 104.9E6  | 44944747 | 38.020  | 37.344    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.017  | 3.279  | 3713255  | 1771938  | 0.975   | 1.000     |
| 3)                          | MA gamma-BHC... | 4.351  | 3.609  | 3478440  | 1874345  | 0.955   | 1.115     |
| 4)                          | MA Heptachlor   | 4.948  | 3.952  | 6542264  | 1692234  | 1.798   | 1.122 #   |
| 5)                          | MB Aldrin       | 5.288  | 4.234  | 4035060  | 1807881  | 1.128   | 1.065     |
| 6)                          | B beta-BHC      | 4.545  | 3.905  | 1774133  | 990015   | 1.056   | 1.211     |
| 7)                          | B delta-BHC     | 4.793  | 4.136  | 8923475  | 1496599  | 2.731   | 0.863 #   |
| 8)                          | B Heptachlo...  | 5.715  | 4.737  | 4404299  | 1605829  | 1.354   | 1.031     |
| 9)                          | A Endosulfan I  | 6.102  | 5.108  | 3672102  | 1561909  | 1.197   | 1.088     |
| 10)                         | B trans-Chl...  | 5.971  | 4.988  | 3886530  | 1751826  | 1.207   | 1.122     |
| 11)                         | B cis-Chlor...  | 6.051  | 5.053  | 3988551  | 1751532  | 1.197   | 1.090     |
| 12)                         | B 4,4'-DDE      | 6.223  | 5.243  | 3373491  | 1420821  | 1.070   | 0.967     |
| 13)                         | MA Dieldrin     | 6.378  | 5.374  | 3873523  | 1581203  | 1.153   | 1.016     |
| 14)                         | MA Endrin       | 6.609  | 5.650  | 2887267  | 1434490  | 1.032   | 1.115     |
| 15)                         | B Endosulfa...  | 6.827  | 5.943  | 3615132  | 1530527  | 1.223   | 1.112     |
| 16)                         | A 4,4'-DDD      | 6.740  | 5.798  | 2864832  | 1176391  | 1.126   | 0.975     |
| 17)                         | MA 4,4'-DDT     | 7.056  | 6.050  | 2962096  | 1166835  | 1.085   | 0.988     |
| 18)                         | B Endrin al...  | 6.956  | 6.124  | 3117387  | 1295718  | 1.304   | 1.187     |
| 19)                         | B Endosulfa...  | 7.191  | 6.346  | 3436949  | 1446302  | 1.237   | 1.150     |
| 20)                         | A Methoxychlor  | 7.531  | 6.627  | 1791823  | 559966   | 1.204   | 1.015     |
| 21)                         | B Endrin ke...  | 7.678  | 6.853  | 5038971  | 1646535  | 1.581   | 1.095 #   |
| 22)                         | Toxaphene-1     | 6.223f | 4.988  | 3373491  | 1751826  | 149.908 | 199.605 # |
| 23)                         | Toxaphene-2     | 6.503f | 5.650f | 178802   | 1434490  | 6.075   | 173.191 # |
| 24)                         | Toxaphene-3     | 6.609f | 5.943f | 2887267  | 1530527  | 137.311 | 158.787   |
| 25)                         | Toxaphene-4     | 7.191  | 6.627  | 3436949  | 559966   | 54.647  | 18.854 #  |
| 26)                         | Toxaphene-5     | 7.630  | 0.000  | 874748   | 0        | 18.607  | N.D. #    |
| -----                       |                 |        |        |          |          |         |           |

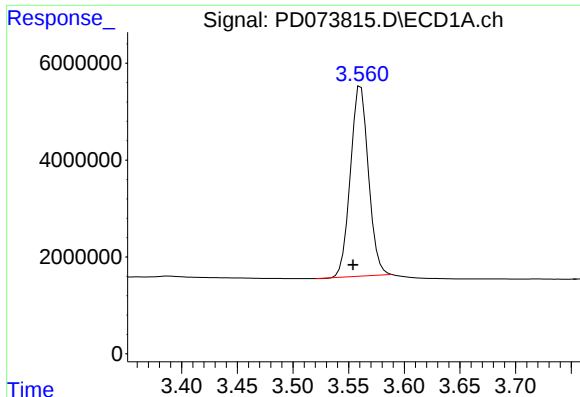
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020323\  
Data File : PD073815.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Feb 2023 13:05  
Operator : AR\AJ  
Sample : 01378-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 03 23:55:14 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012523CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Jan 25 02:23:06 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

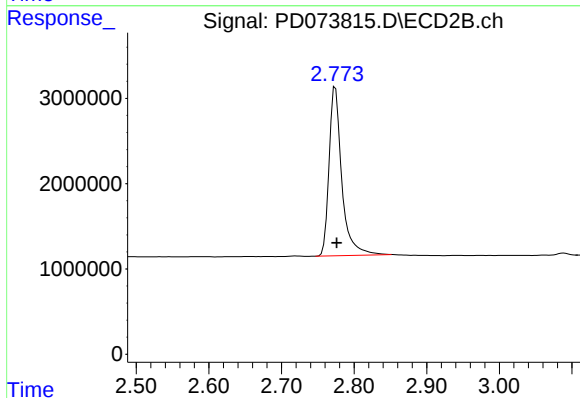




#1 Tetrachloro-m-xylene

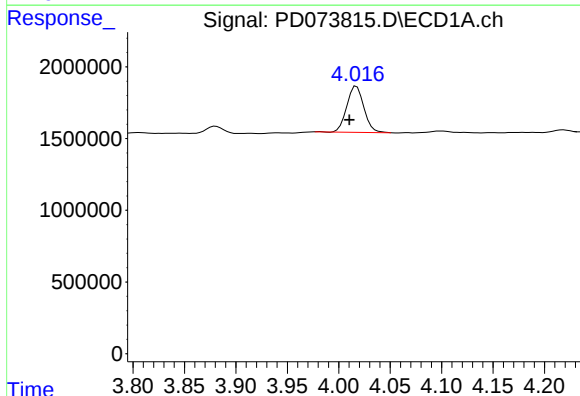
R.T.: 3.561 min  
Delta R.T.: 0.007 min  
Response: 44372205  
Conc: 18.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



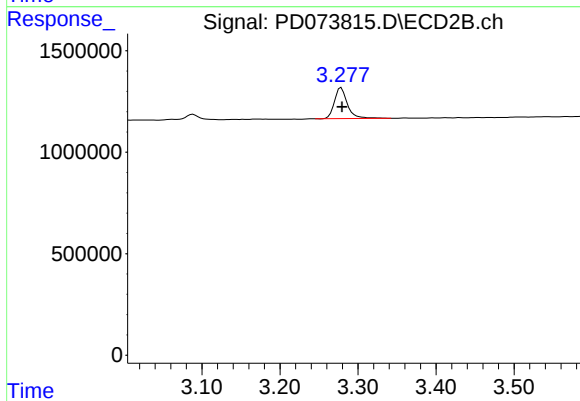
#1 Tetrachloro-m-xylene

R.T.: 2.774 min  
Delta R.T.: -0.002 min  
Response: 24263219  
Conc: 19.11 ng/ml



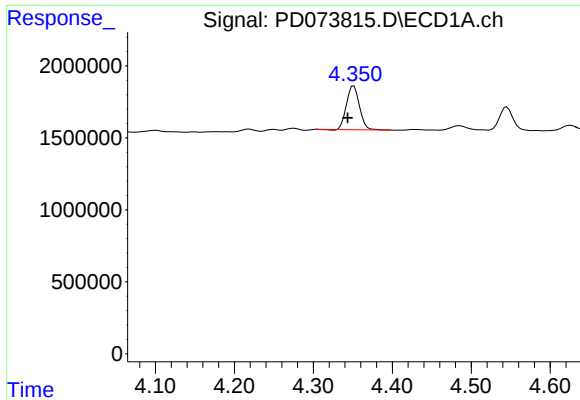
#2 alpha-BHC

R.T.: 4.017 min  
Delta R.T.: 0.007 min  
Response: 3713255  
Conc: 0.97 ng/ml



#2 alpha-BHC

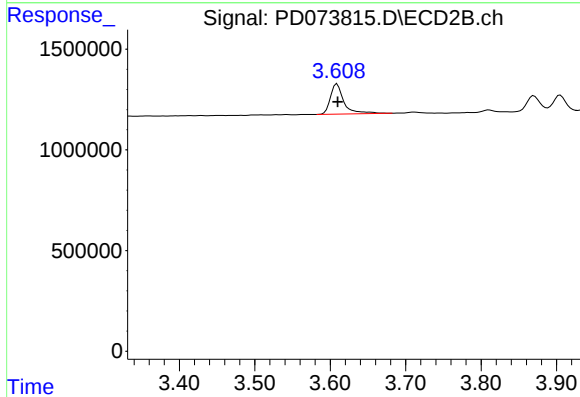
R.T.: 3.279 min  
Delta R.T.: -0.001 min  
Response: 1771938  
Conc: 1.00 ng/ml



#3 gamma-BHC (Lindane)

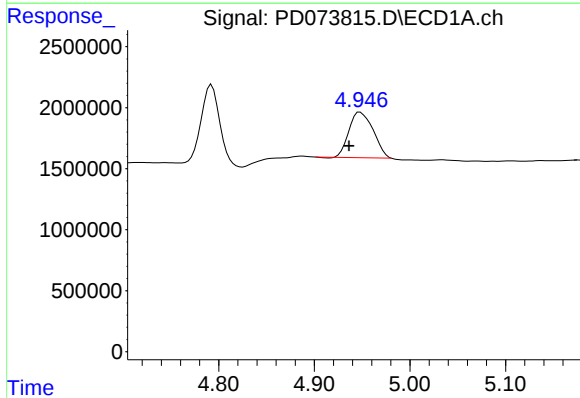
R.T.: 4.351 min  
Delta R.T.: 0.008 min  
Response: 3478440  
Conc: 0.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



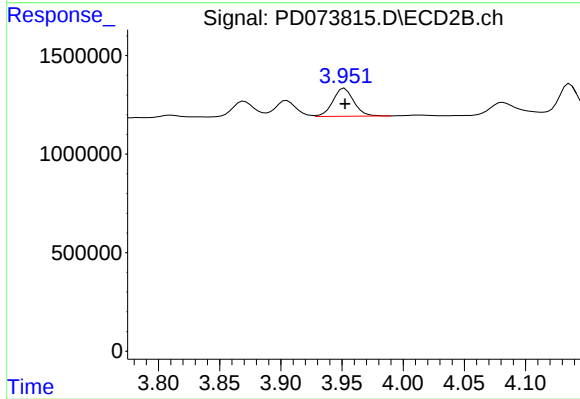
#3 gamma-BHC (Lindane)

R.T.: 3.609 min  
Delta R.T.: 0.000 min  
Response: 1874345  
Conc: 1.11 ng/ml



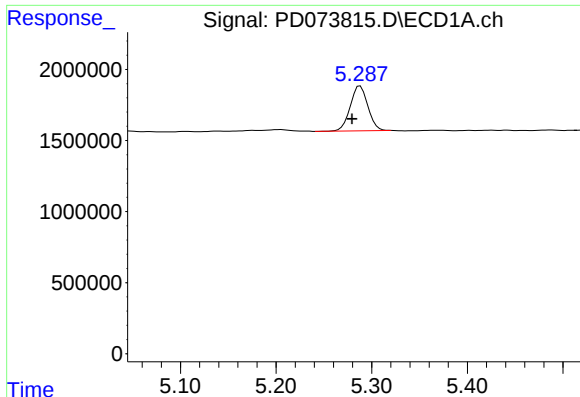
#4 Heptachlor

R.T.: 4.948 min  
Delta R.T.: 0.012 min  
Response: 6542264  
Conc: 1.80 ng/ml



#4 Heptachlor

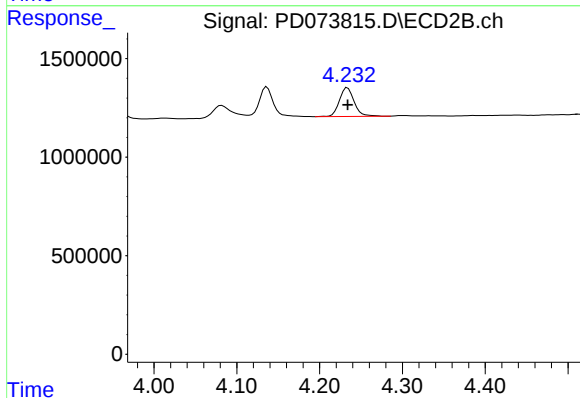
R.T.: 3.952 min  
Delta R.T.: 0.000 min  
Response: 1692234  
Conc: 1.12 ng/ml



#5 Aldrin

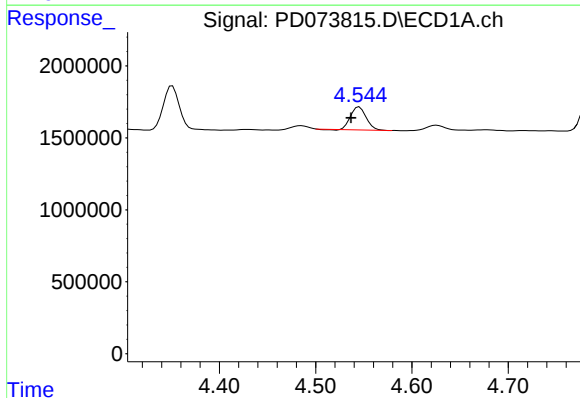
R.T.: 5.288 min  
Delta R.T.: 0.009 min  
Response: 4035060  
Conc: 1.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



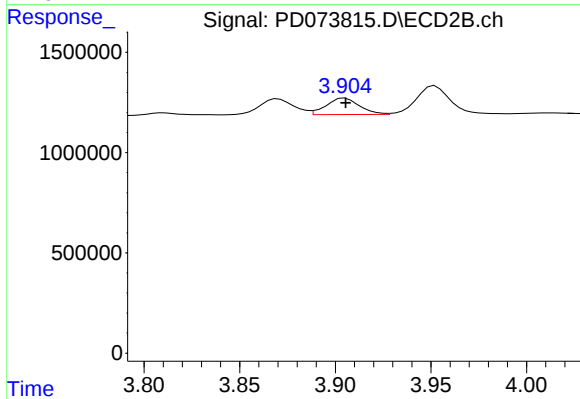
#5 Aldrin

R.T.: 4.234 min  
Delta R.T.: 0.000 min  
Response: 1807881  
Conc: 1.06 ng/ml



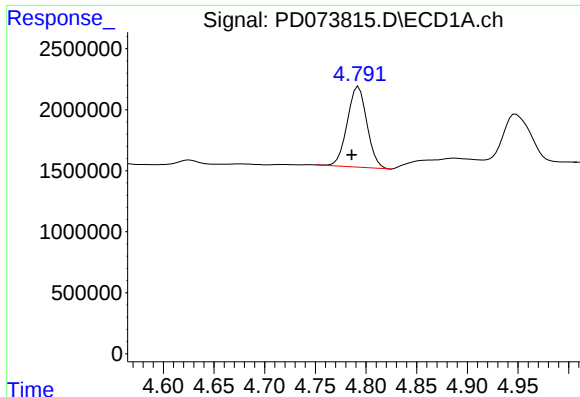
#6 beta-BHC

R.T.: 4.545 min  
Delta R.T.: 0.008 min  
Response: 1774133  
Conc: 1.06 ng/ml



#6 beta-BHC

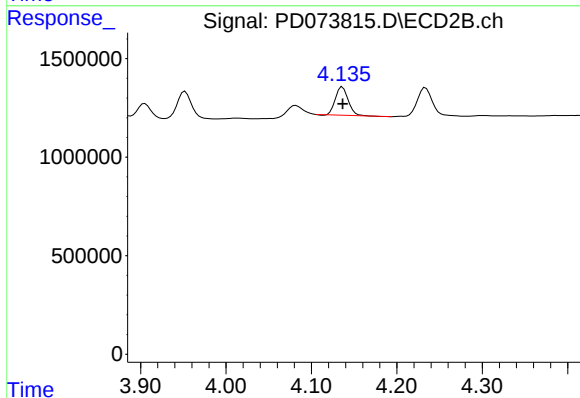
R.T.: 3.905 min  
Delta R.T.: 0.000 min  
Response: 990015  
Conc: 1.21 ng/ml



#7 delta-BHC

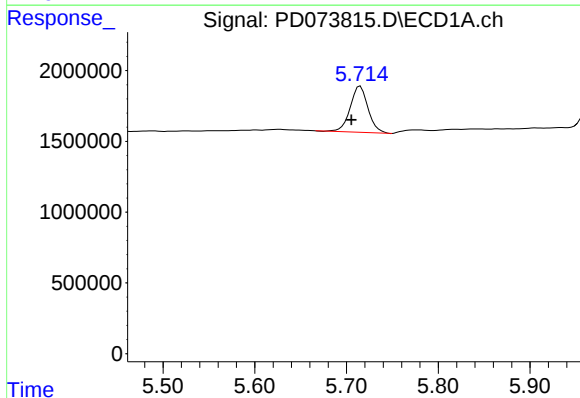
R.T.: 4.793 min  
Delta R.T.: 0.007 min  
Response: 8923475  
Conc: 2.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



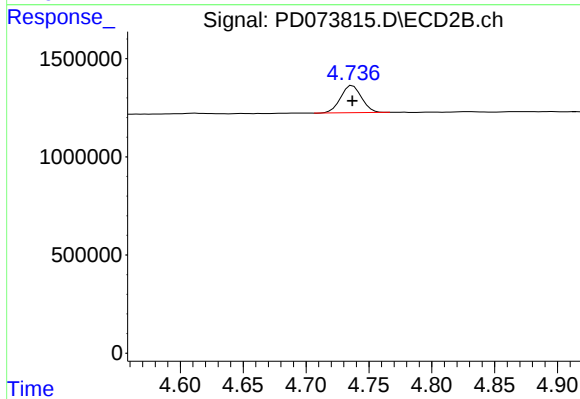
#7 delta-BHC

R.T.: 4.136 min  
Delta R.T.: 0.000 min  
Response: 1496599  
Conc: 0.86 ng/ml



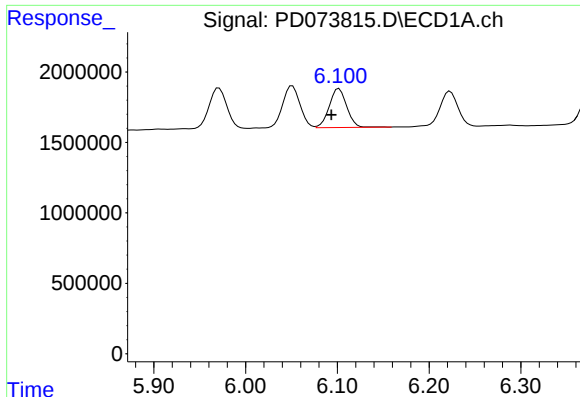
#8 Heptachlor epoxide

R.T.: 5.715 min  
Delta R.T.: 0.010 min  
Response: 4404299  
Conc: 1.35 ng/ml



#8 Heptachlor epoxide

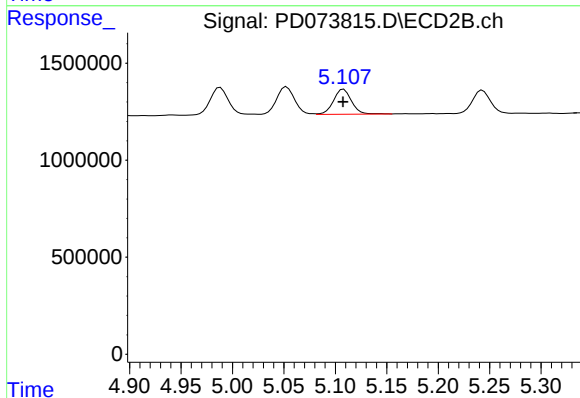
R.T.: 4.737 min  
Delta R.T.: 0.000 min  
Response: 1605829  
Conc: 1.03 ng/ml



#9 Endosulfan I

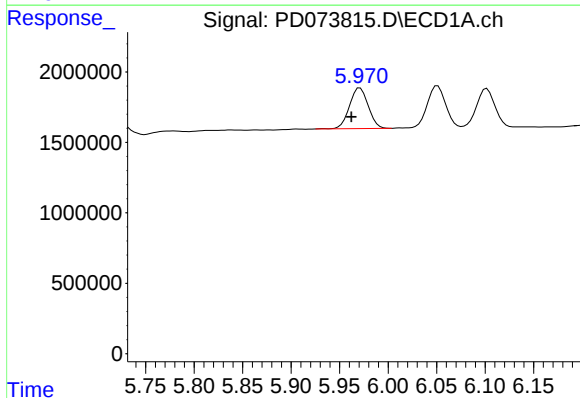
R.T.: 6.102 min  
Delta R.T.: 0.008 min  
Response: 3672102  
Conc: 1.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



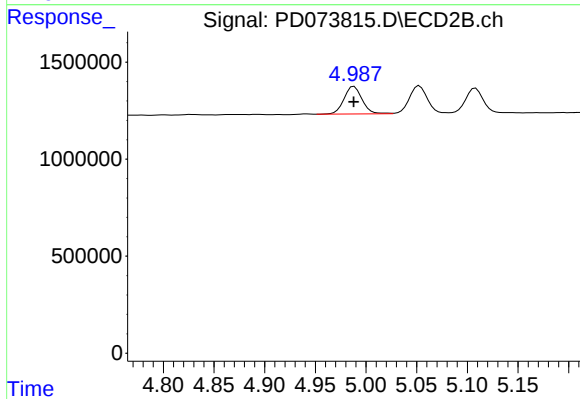
#9 Endosulfan I

R.T.: 5.108 min  
Delta R.T.: 0.000 min  
Response: 1561909  
Conc: 1.09 ng/ml



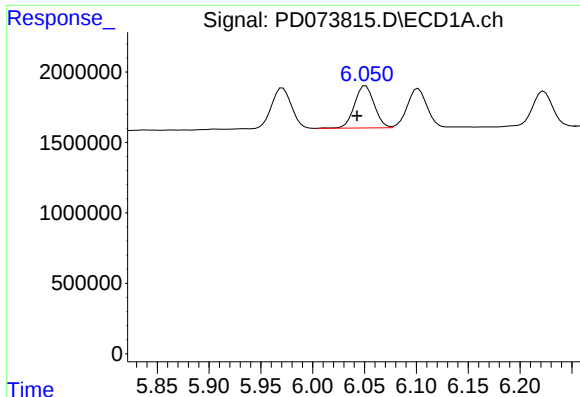
#10 trans-Chlordane

R.T.: 5.971 min  
Delta R.T.: 0.009 min  
Response: 3886530  
Conc: 1.21 ng/ml



#10 trans-Chlordane

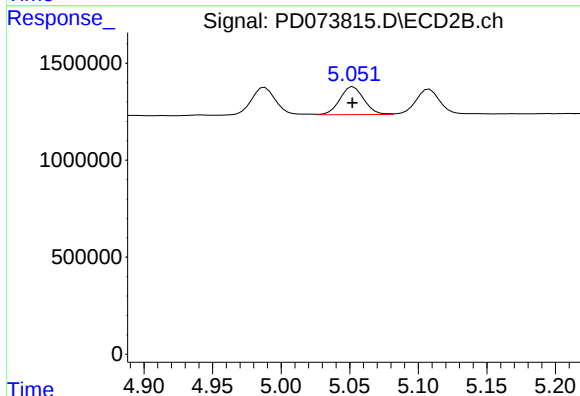
R.T.: 4.988 min  
Delta R.T.: 0.000 min  
Response: 1751826  
Conc: 1.12 ng/ml



#11 cis-Chlordane

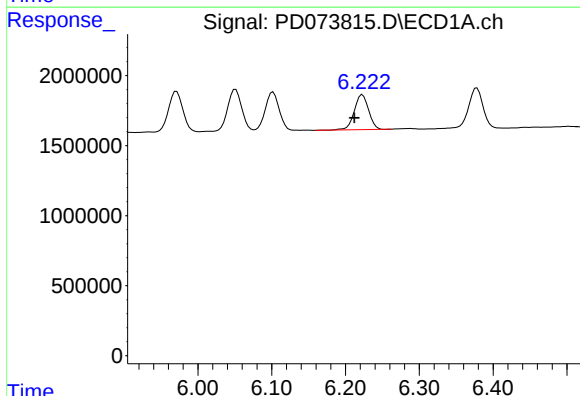
R.T.: 6.051 min  
Delta R.T.: 0.008 min  
Response: 3988551  
Conc: 1.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



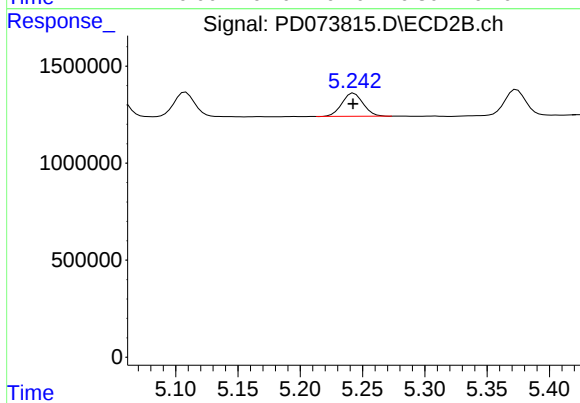
#11 cis-Chlordane

R.T.: 5.053 min  
Delta R.T.: 0.000 min  
Response: 1751532  
Conc: 1.09 ng/ml



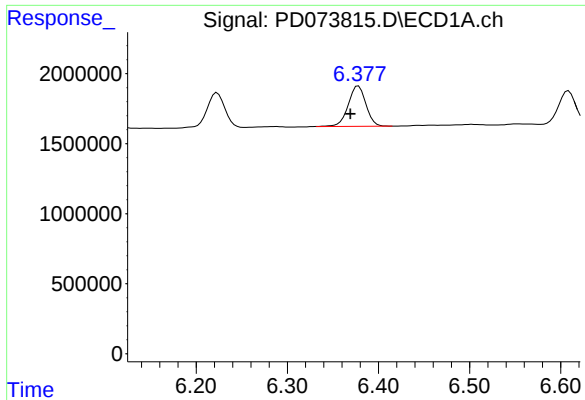
#12 4,4'-DDE

R.T.: 6.223 min  
Delta R.T.: 0.011 min  
Response: 3373491  
Conc: 1.07 ng/ml



#12 4,4'-DDE

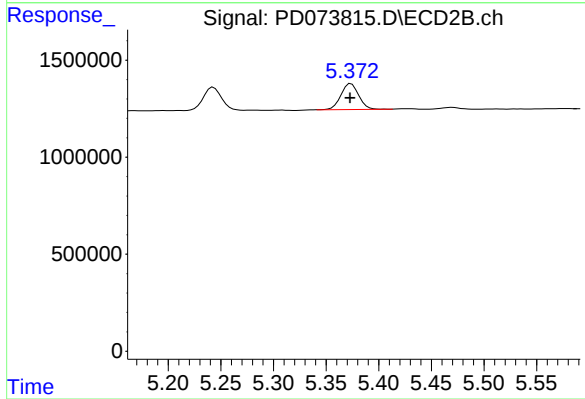
R.T.: 5.243 min  
Delta R.T.: 0.000 min  
Response: 1420821  
Conc: 0.97 ng/ml



#13 Dieldrin

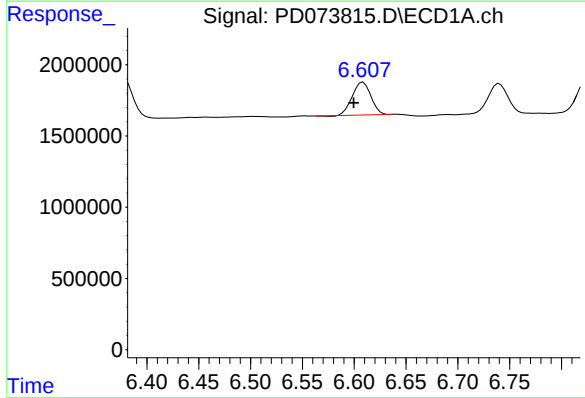
R.T.: 6.378 min  
Delta R.T.: 0.009 min  
Response: 3873523  
Conc: 1.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



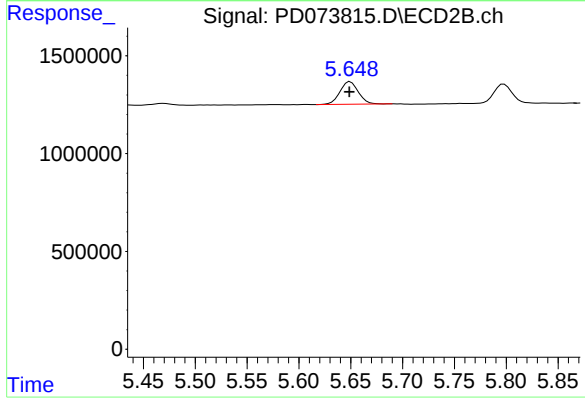
#13 Dieldrin

R.T.: 5.374 min  
Delta R.T.: 0.001 min  
Response: 1581203  
Conc: 1.02 ng/ml



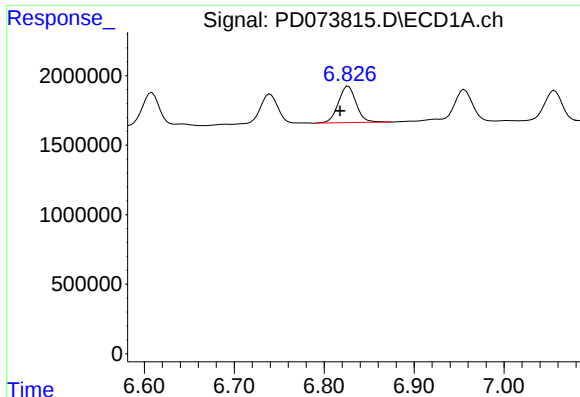
#14 Endrin

R.T.: 6.609 min  
Delta R.T.: 0.009 min  
Response: 2887267  
Conc: 1.03 ng/ml



#14 Endrin

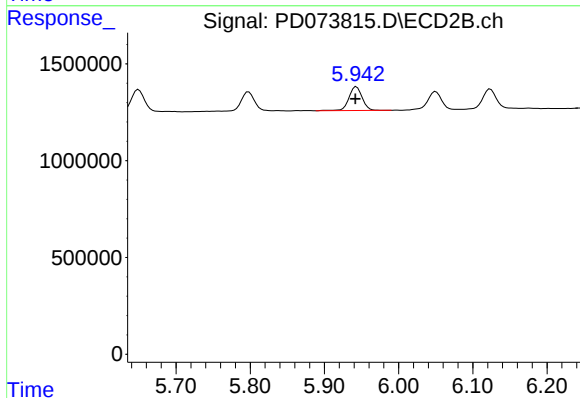
R.T.: 5.650 min  
Delta R.T.: 0.000 min  
Response: 1434490  
Conc: 1.11 ng/ml



#15 Endosulfan II

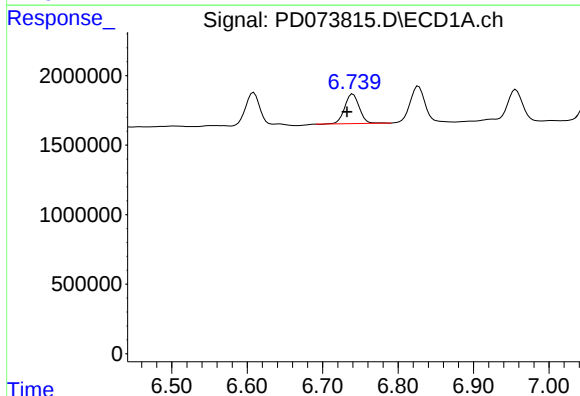
R.T.: 6.827 min  
Delta R.T.: 0.009 min  
Response: 3615132  
Conc: 1.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



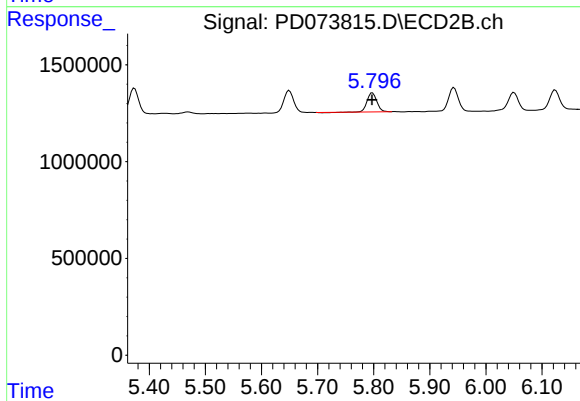
#15 Endosulfan II

R.T.: 5.943 min  
Delta R.T.: 0.001 min  
Response: 1530527  
Conc: 1.11 ng/ml



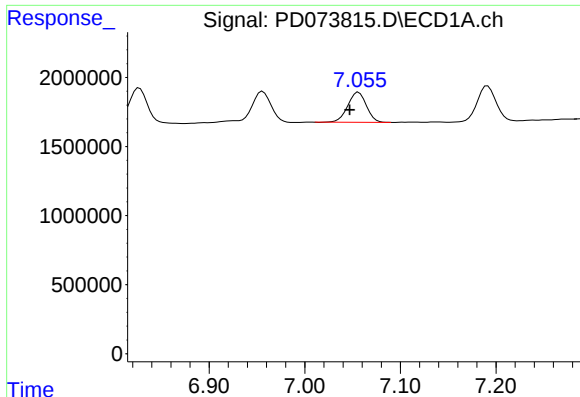
#16 4,4'-DDD

R.T.: 6.740 min  
Delta R.T.: 0.008 min  
Response: 2864832  
Conc: 1.13 ng/ml



#16 4,4'-DDD

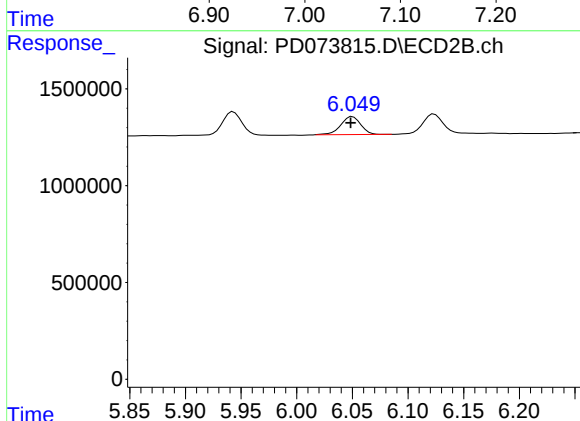
R.T.: 5.798 min  
Delta R.T.: 0.000 min  
Response: 1176391  
Conc: 0.98 ng/ml



#17 4,4'-DDT

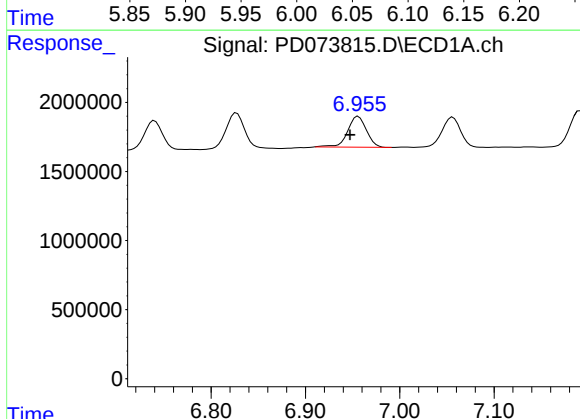
R.T.: 7.056 min  
Delta R.T.: 0.009 min  
Response: 2962096  
Conc: 1.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



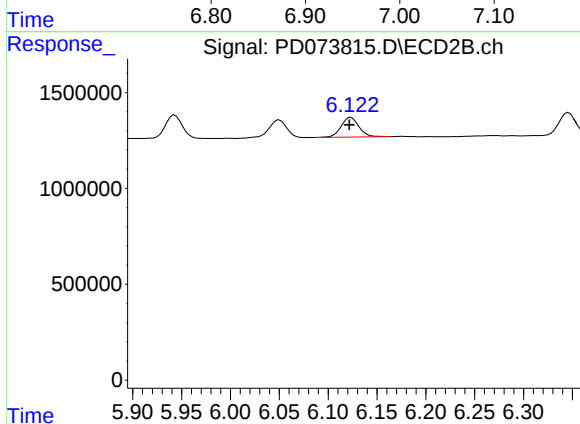
#17 4,4'-DDT

R.T.: 6.050 min  
Delta R.T.: 0.002 min  
Response: 1166835  
Conc: 0.99 ng/ml



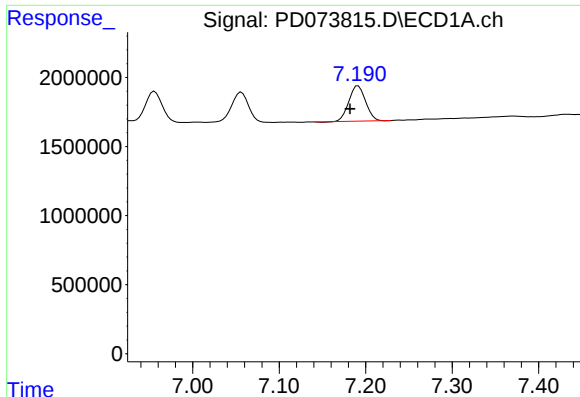
#18 Endrin aldehyde

R.T.: 6.956 min  
Delta R.T.: 0.009 min  
Response: 3117387  
Conc: 1.30 ng/ml



#18 Endrin aldehyde

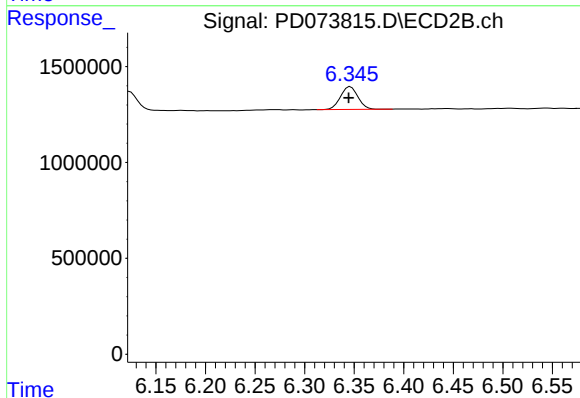
R.T.: 6.124 min  
Delta R.T.: 0.002 min  
Response: 1295718  
Conc: 1.19 ng/ml



#19 Endosulfan Sulfate

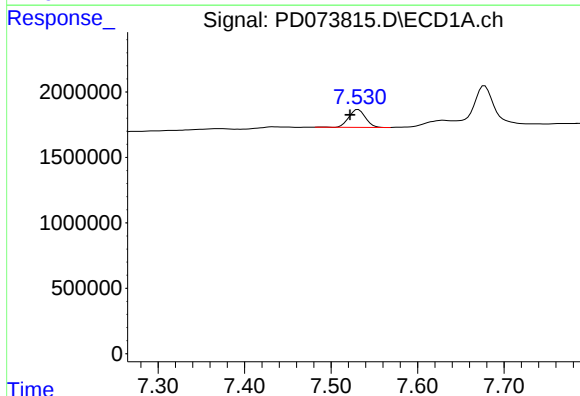
R.T.: 7.191 min  
Delta R.T.: 0.009 min  
Response: 3436949  
Conc: 1.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



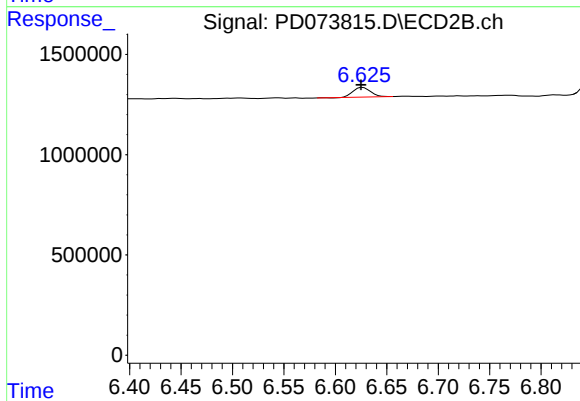
#19 Endosulfan Sulfate

R.T.: 6.346 min  
Delta R.T.: 0.002 min  
Response: 1446302  
Conc: 1.15 ng/ml



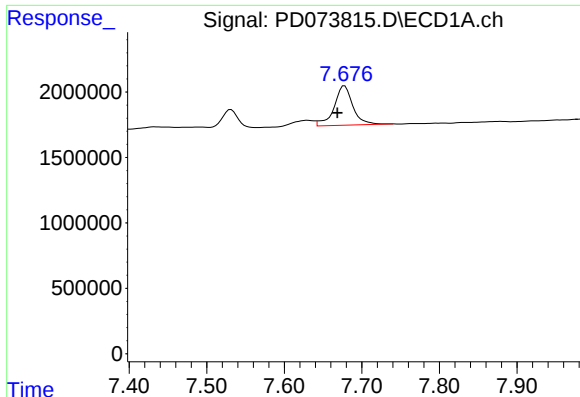
#20 Methoxychlor

R.T.: 7.531 min  
Delta R.T.: 0.009 min  
Response: 1791823  
Conc: 1.20 ng/ml



#20 Methoxychlor

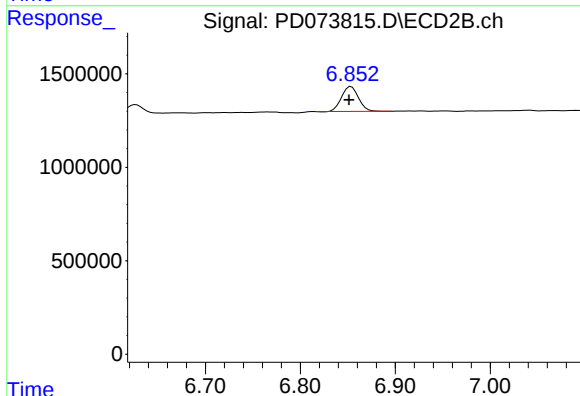
R.T.: 6.627 min  
Delta R.T.: 0.002 min  
Response: 559966  
Conc: 1.02 ng/ml



#21 Endrin ketone

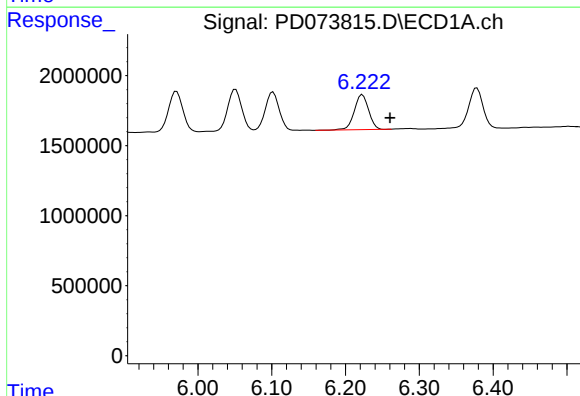
R.T.: 7.678 min  
Delta R.T.: 0.009 min  
Response: 5038971  
Conc: 1.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



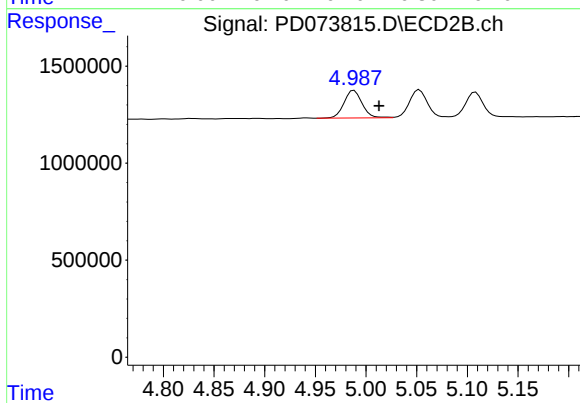
#21 Endrin ketone

R.T.: 6.853 min  
Delta R.T.: 0.002 min  
Response: 1646535  
Conc: 1.09 ng/ml



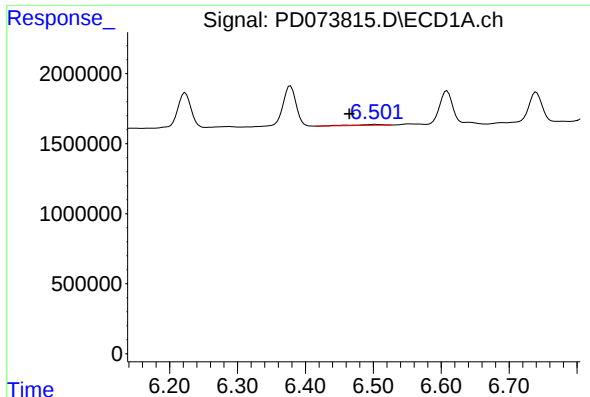
#22 Toxaphene-1

R.T.: 6.223 min  
Delta R.T.: -0.038 min  
Response: 3373491  
Conc: 149.91 ng/ml



#22 Toxaphene-1

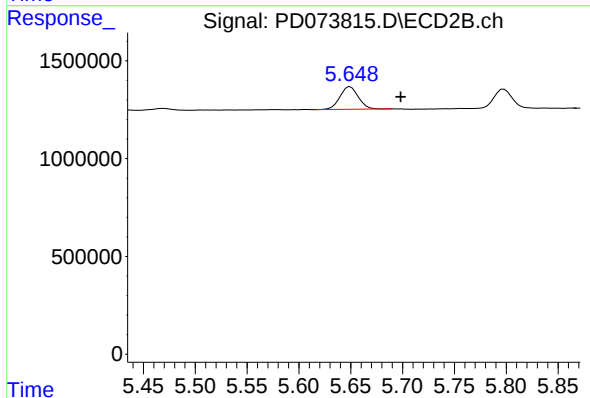
R.T.: 4.988 min  
Delta R.T.: -0.025 min  
Response: 1751826  
Conc: 199.61 ng/ml



#23 Toxaphene-2

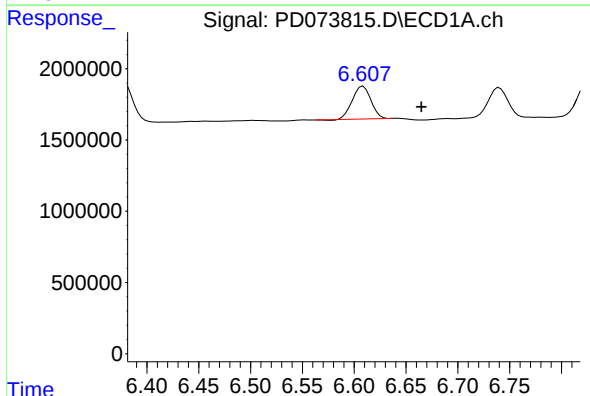
R.T.: 6.503 min  
Delta R.T.: 0.038 min  
Response: 178802  
Conc: 6.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



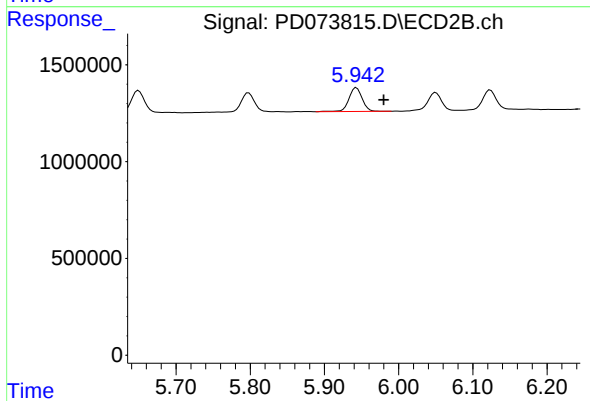
#23 Toxaphene-2

R.T.: 5.650 min  
Delta R.T.: -0.048 min  
Response: 1434490  
Conc: 173.19 ng/ml



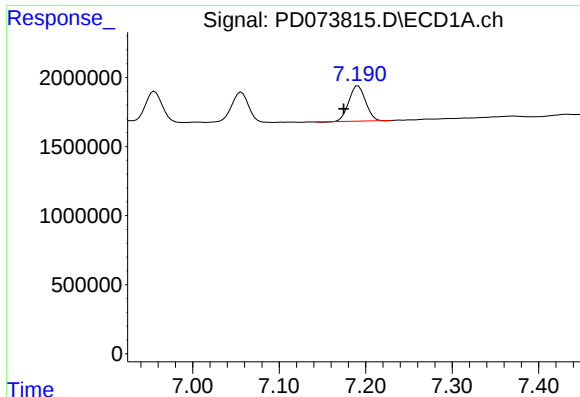
#24 Toxaphene-3

R.T.: 6.609 min  
Delta R.T.: -0.056 min  
Response: 2887267  
Conc: 137.31 ng/ml



#24 Toxaphene-3

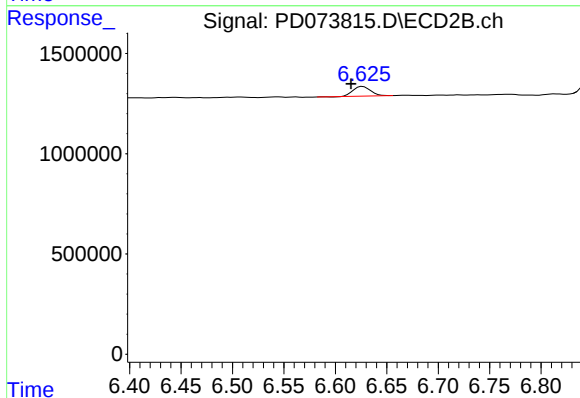
R.T.: 5.943 min  
Delta R.T.: -0.037 min  
Response: 1530527  
Conc: 158.79 ng/ml



#25 Toxaphene-4

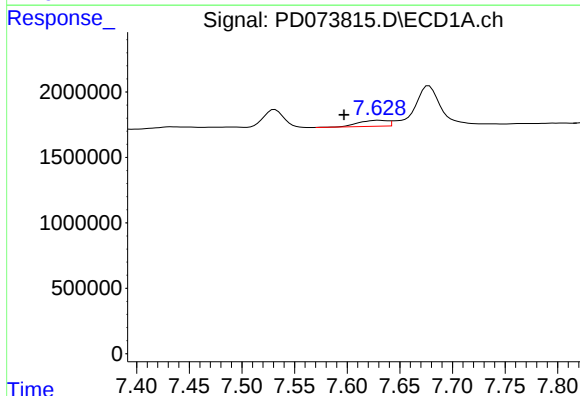
R.T.: 7.191 min  
Delta R.T.: 0.017 min  
Response: 3436949  
Conc: 54.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



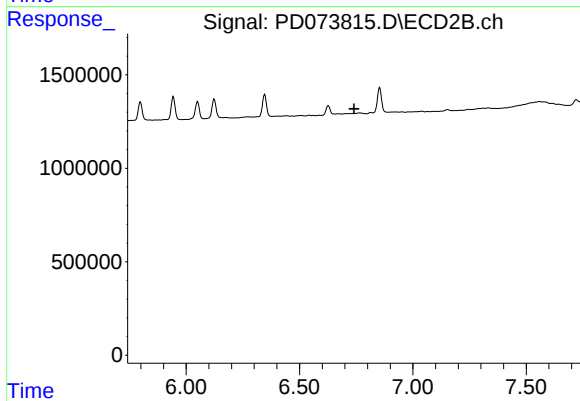
#25 Toxaphene-4

R.T.: 6.627 min  
Delta R.T.: 0.012 min  
Response: 559966  
Conc: 18.85 ng/ml



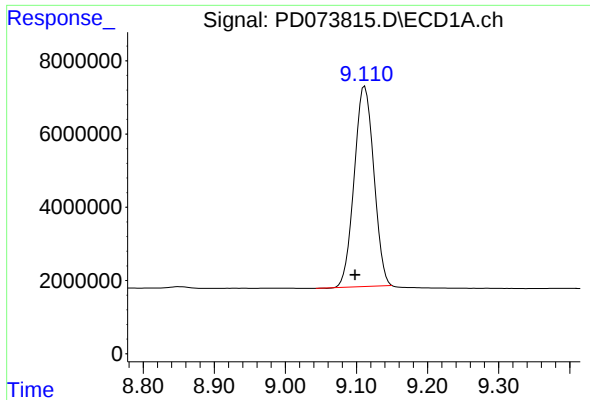
#26 Toxaphene-5

R.T.: 7.630 min  
Delta R.T.: 0.033 min  
Response: 874748  
Conc: 18.61 ng/ml



#26 Toxaphene-5

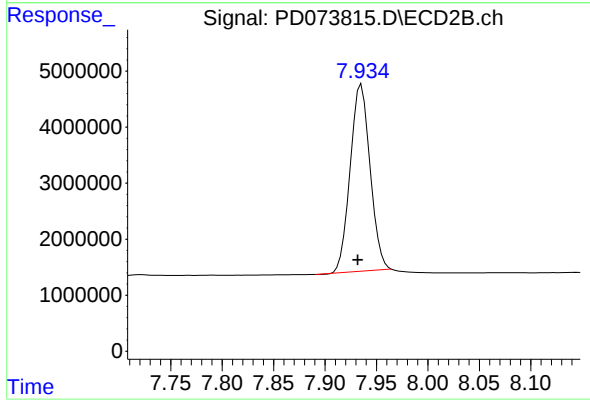
R.T.: 0.000 min  
Exp R.T.: 6.741 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.112 min  
Delta R.T.: 0.014 min  
Response: 104894619  
Conc: 38.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.935 min  
Delta R.T.: 0.003 min  
Response: 44944747  
Conc: 37.34 ng/ml