

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072222\  
 Data File : PD071093.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jul 2022 17:40  
 Operator : AR\AJ  
 Sample : PB146272BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB146272BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 07/22/2022  
 Supervised By : Ankita Jodhani 07/22/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 21 23:52:11 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071922.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 20 05:30:10 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x 0.2 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... | 3.494f | 4.125 | 39315623 | 430.8E6  | 13.567m | 14.901  |
| 28)                         | SA Decachlor... | 8.268f | 9.325 | 48148683 | 192.6E6  | 15.759m | 16.890  |
| Target Compounds            |                 |        |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.938f | 4.531 | 189.6E6  | 1566.2E6 | 43.220  | 41.321  |
| 3)                          | MA gamma-BHC... | 4.222f | 4.822 | 179.1E6  | 1256.2E6 | 41.249  | 42.058m |
| 4)                          | MA Heptachlor   | 4.523f | 5.341 | 187.5E6  | 973.3E6  | 45.043  | 44.064  |
| 5)                          | MB Aldrin       | 4.772f | 5.654 | 188.3E6  | 818.0E6  | 45.062  | 44.185  |
| 6)                          | B beta-BHC      | 4.473f | 5.000 | 70104596 | 496.6E6  | 41.944  | 37.023  |
| 7)                          | B delta-BHC     | 4.678f | 5.225 | 171.8E6  | 1015.2E6 | 43.408  | 42.938  |
| 8)                          | B Heptachlo...  | 5.217f | 6.049 | 167.9E6  | 680.9E6  | 44.816  | 45.035  |
| 9)                          | A Endosulfan I  | 5.558f | 6.413 | 157.9E6  | 664.4E6  | 45.237  | 45.766  |
| 10)                         | B gamma-Chl...  | 5.444f | 6.285 | 173.1E6  | 721.6E6  | 44.507  | 45.751  |
| 11)                         | B alpha-Chl...  | 5.503f | 6.359 | 169.6E6  | 700.7E6  | 44.371  | 45.541  |
| 12)                         | B 4,4'-DDE      | 5.669f | 6.513 | 156.6E6  | 693.8E6  | 44.461  | 46.225  |
| 13)                         | MA Dieldrin     | 5.800f | 6.675 | 170.6E6  | 709.3E6  | 45.408m | 46.417  |
| 14)                         | MA Endrin       | 6.060f | 6.899 | 154.3E6  | 553.7E6  | 49.397  | 53.387  |
| 15)                         | B Endosulfa...  | 6.334f | 7.112 | 138.9E6  | 589.6E6  | 46.166  | 47.096  |
| 16)                         | A 4,4'-DDD      | 6.187f | 7.013 | 135.7E6  | 569.0E6  | 46.250  | 45.747m |
| 17)                         | MA 4,4'-DDT     | 6.428f | 7.315 | 144.3E6  | 643.0E6  | 47.141  | 48.008  |
| 18)                         | B Endrin al...  | 6.504f | 7.238 | 105.8E6  | 469.3E6  | 44.117  | 46.539  |
| 19)                         | B Endosulfa...  | 6.716f | 7.462 | 137.0E6  | 563.2E6  | 45.974m | 46.610  |
| 20)                         | A Methoxychlor  | 6.978f | 7.775 | 77717494 | 318.0E6  | 47.012m | 46.273  |
| 21)                         | B Endrin ke...  | 7.209f | 7.944 | 159.9E6  | 636.4E6  | 46.155m | 45.981  |
| 22)                         | Mirex           | 7.395f | 8.398 | 126.8E6  | 441.7E6  | 45.732m | 48.066  |
| -----                       |                 |        |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072222\  
Data File : PD071093.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Jul 2022 17:40  
Operator : AR\AJ  
Sample : PB146272BS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PB146272BS

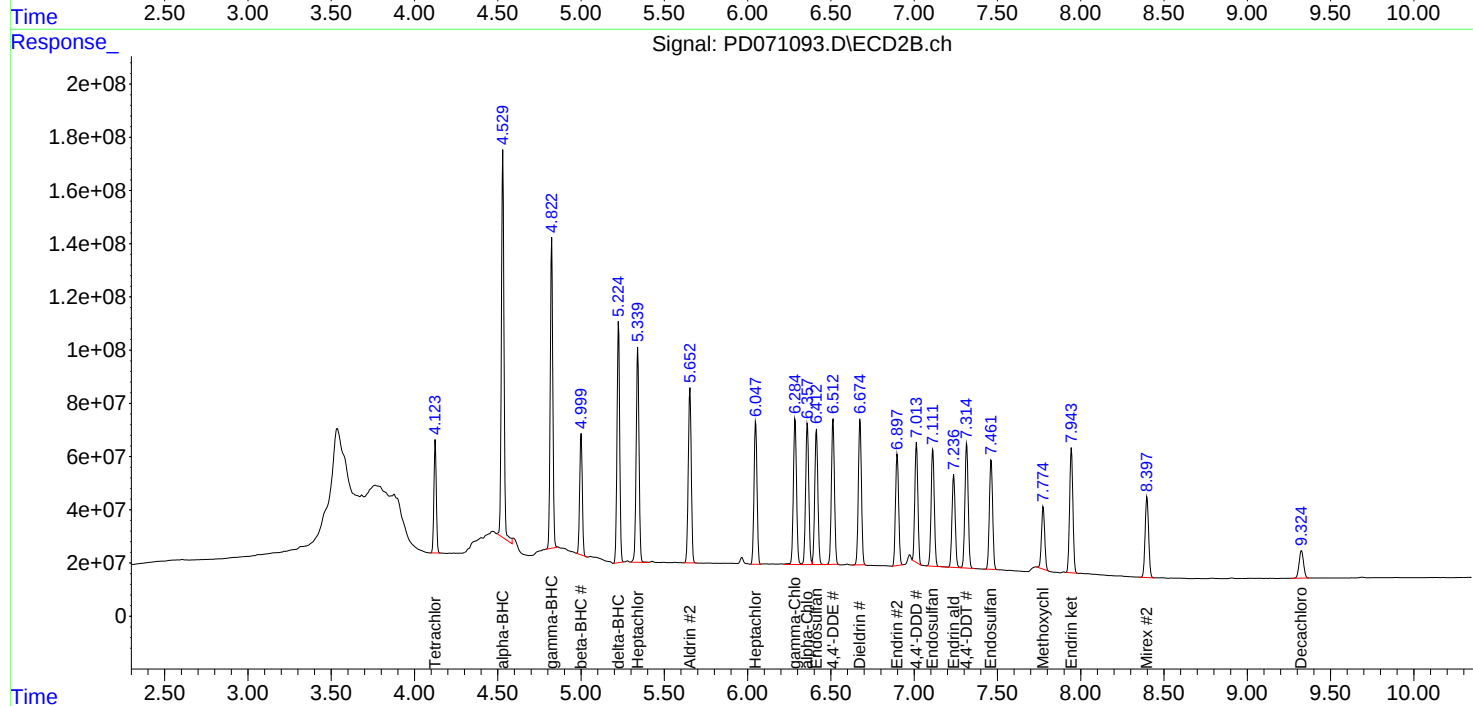
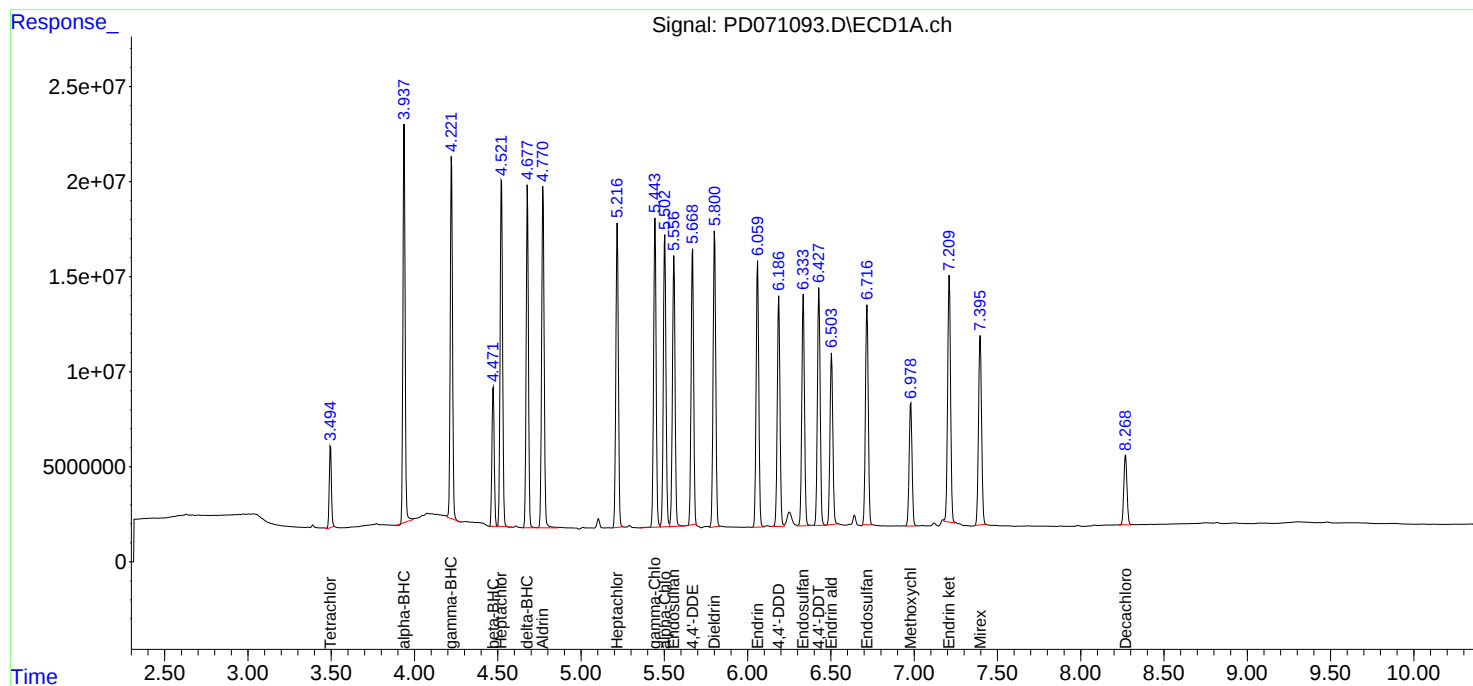
## Manual Integrations

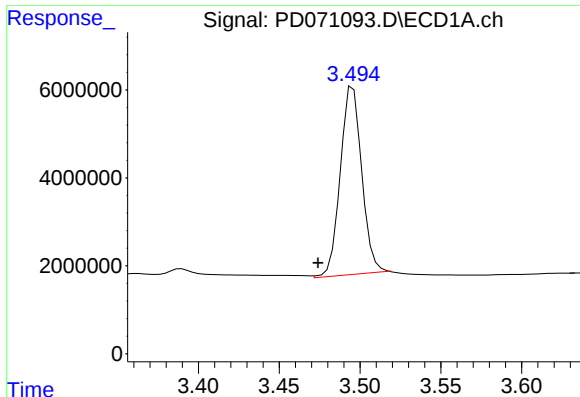
## APPROVED

Reviewed By :Abdul Mirza 07/22/2022  
Supervised By :Ankita Jodhani 07/22/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 21 23:52:11 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071922.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 20 05:30:10 2022  
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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





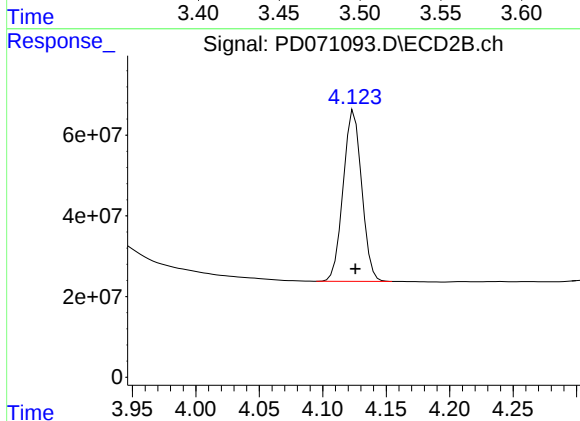
#1 Tetrachloro-m-xylene

R.T.: 3.494 min  
Delta R.T.: 0.020 min  
Response: 39315623  
Conc: 13.57 ng/ml

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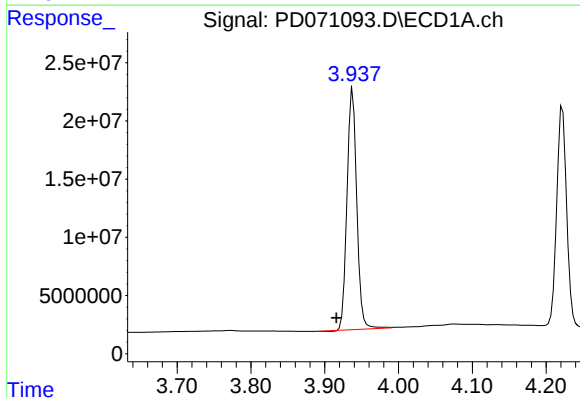
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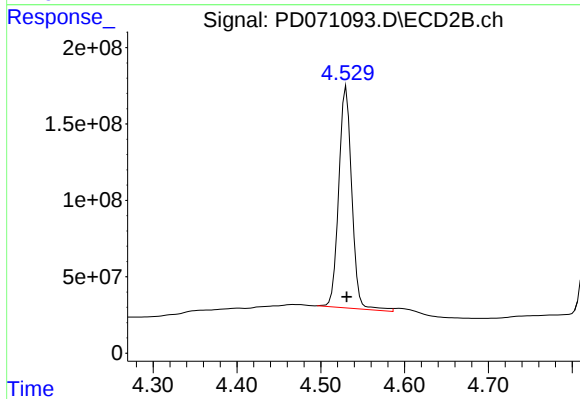
#1 Tetrachloro-m-xylene

R.T.: 4.125 min  
Delta R.T.: 0.000 min  
Response: 430816092  
Conc: 14.90 ng/ml



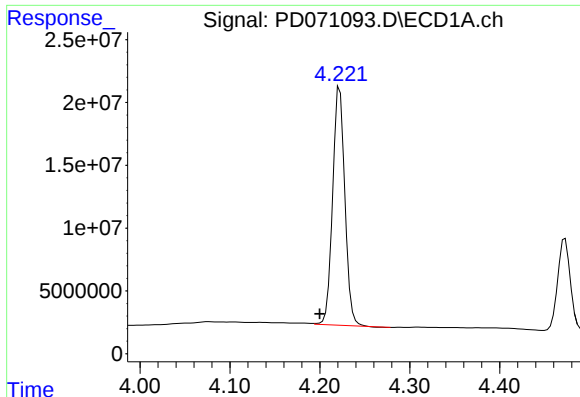
#2 alpha-BHC

R.T.: 3.938 min  
Delta R.T.: 0.022 min  
Response: 189616649  
Conc: 43.22 ng/ml



#2 alpha-BHC

R.T.: 4.531 min  
Delta R.T.: 0.000 min  
Response: 1566212743  
Conc: 41.32 ng/ml



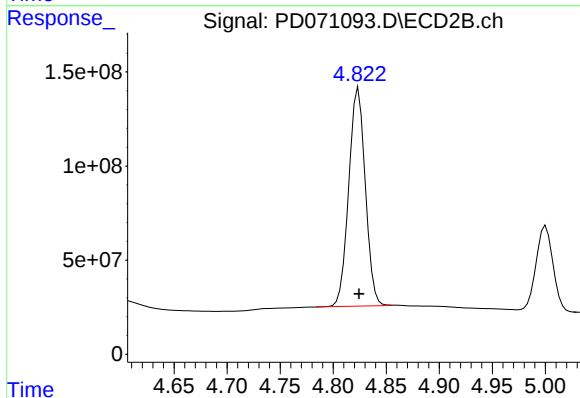
#3 gamma-BHC (Lindane)

R.T.: 4.222 min  
Delta R.T.: 0.022 min  
Response: 179106191  
Conc: 41.25 ng/ml

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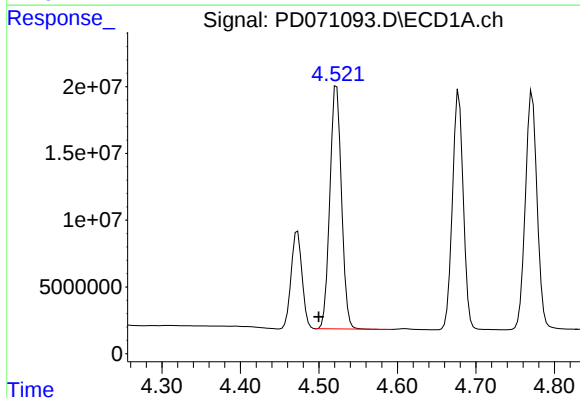
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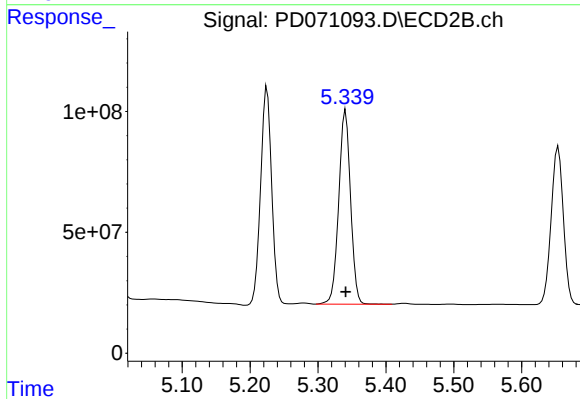
#3 gamma-BHC (Lindane)

R.T.: 4.822 min  
Delta R.T.: -0.002 min  
Response: 1256172149  
Conc: 42.06 ng/ml m



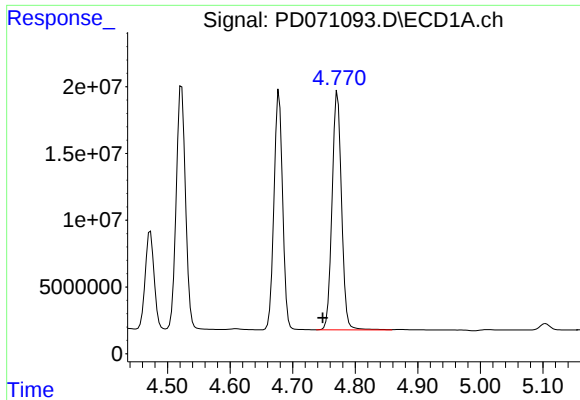
#4 Heptachlor

R.T.: 4.523 min  
Delta R.T.: 0.023 min  
Response: 187539972  
Conc: 45.04 ng/ml



#4 Heptachlor

R.T.: 5.341 min  
Delta R.T.: 0.000 min  
Response: 973349774  
Conc: 44.06 ng/ml



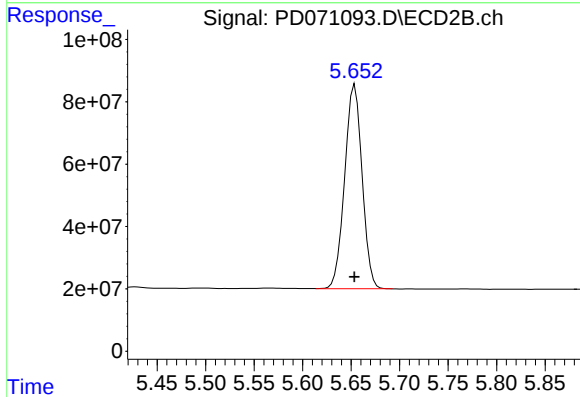
#5 Aldrin

R.T.: 4.772 min  
Delta R.T.: 0.024 min  
Response: 188312517  
Conc: 45.06 ng/ml

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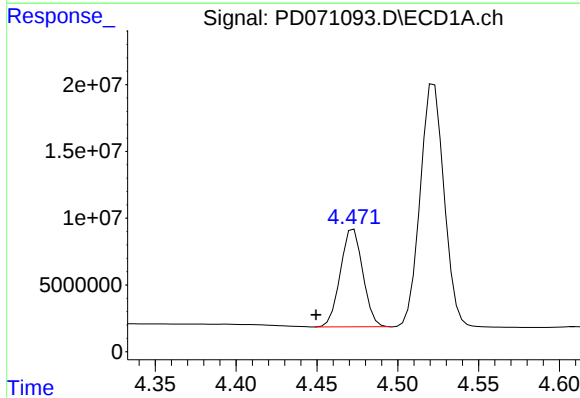
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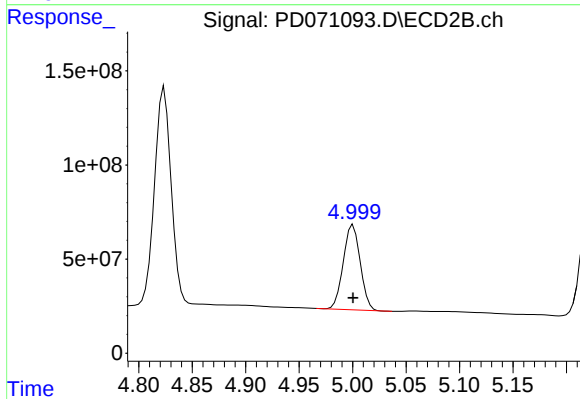
#5 Aldrin

R.T.: 5.654 min  
Delta R.T.: 0.000 min  
Response: 817984722  
Conc: 44.18 ng/ml



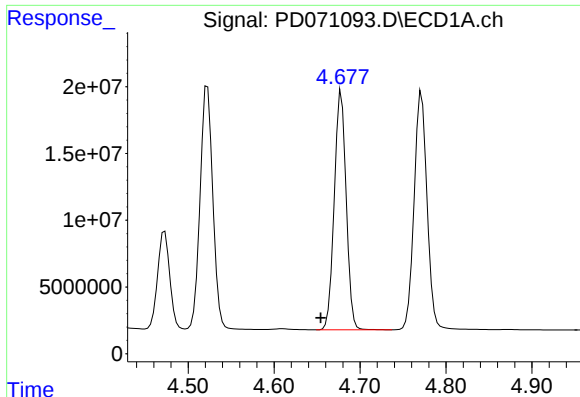
#6 beta-BHC

R.T.: 4.473 min  
Delta R.T.: 0.023 min  
Response: 70104596  
Conc: 41.94 ng/ml



#6 beta-BHC

R.T.: 5.000 min  
Delta R.T.: 0.000 min  
Response: 496601511  
Conc: 37.02 ng/ml



#7 delta-BHC

R.T.: 4.678 min  
Delta R.T.: 0.024 min  
Response: 171805420  
Conc: 43.41 ng/ml

Instrument :

ECD\_D

ClientSampleId :

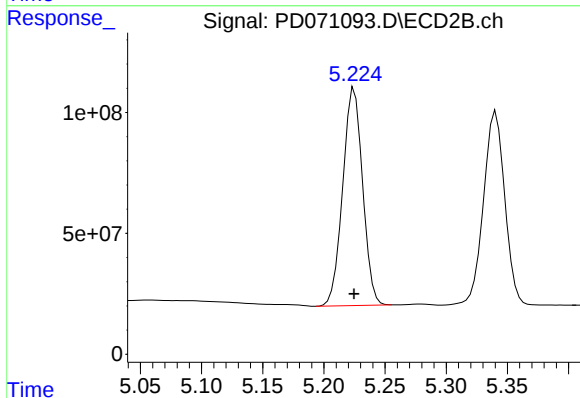
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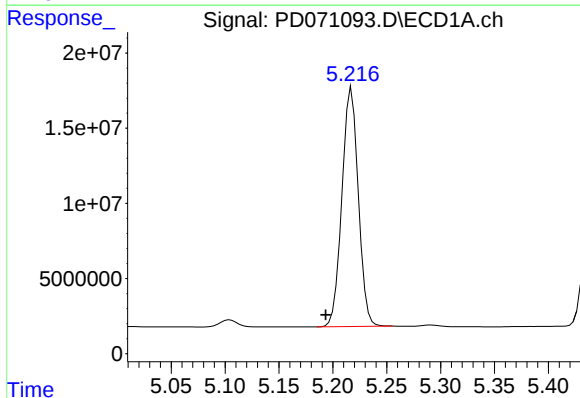
Reviewed By :Abdul Mirza 07/22/2022

Supervised By :Ankita Jodhani 07/22/2022



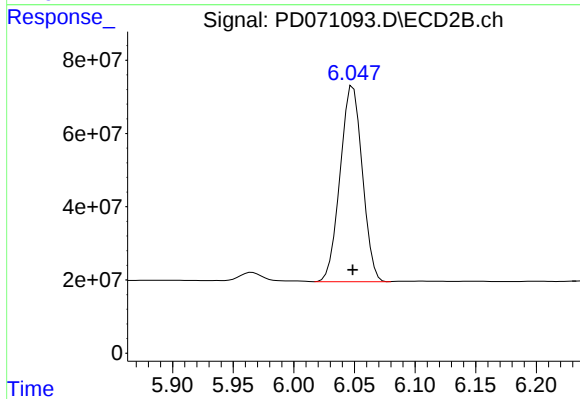
#7 delta-BHC

R.T.: 5.225 min  
Delta R.T.: 0.000 min  
Response: 1015223691  
Conc: 42.94 ng/ml



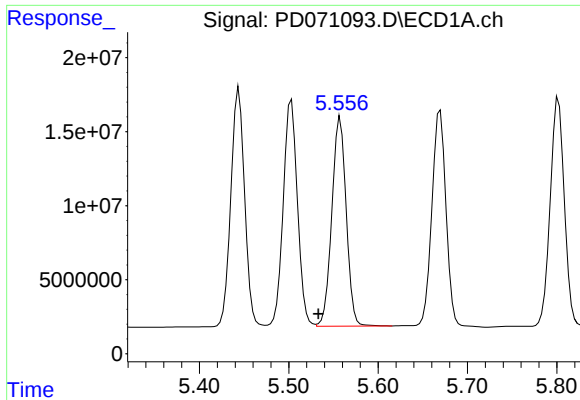
#8 Heptachlor epoxide

R.T.: 5.217 min  
Delta R.T.: 0.024 min  
Response: 167873989  
Conc: 44.82 ng/ml



#8 Heptachlor epoxide

R.T.: 6.049 min  
Delta R.T.: 0.000 min  
Response: 680887268  
Conc: 45.03 ng/ml



#9 Endosulfan I

R.T.: 5.558 min  
Delta R.T.: 0.025 min  
Response: 157949530  
Conc: 45.24 ng/ml

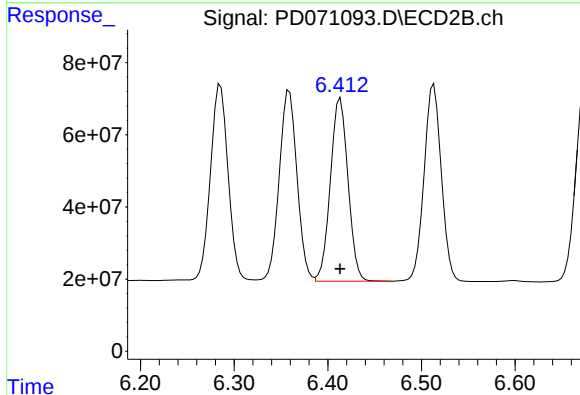
Instrument :

ECD\_D

ClientSampleId :  
PB146272BS

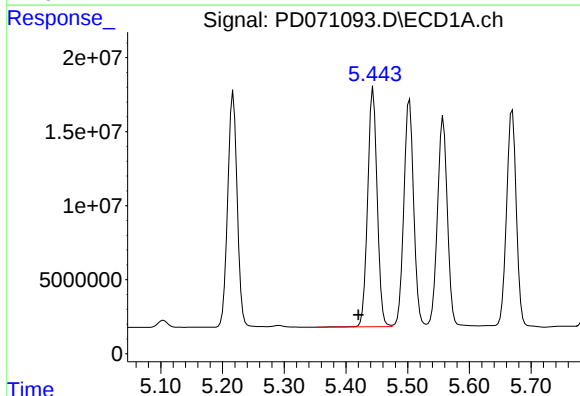
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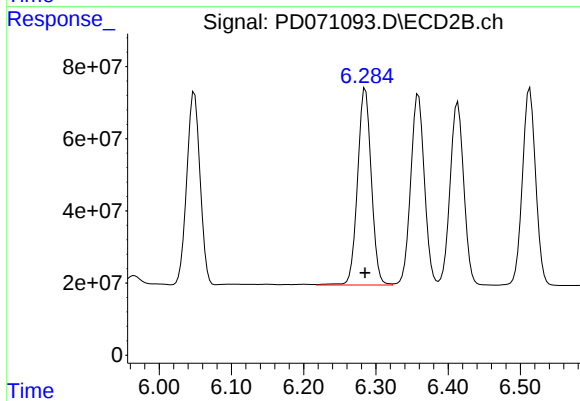
#9 Endosulfan I

R.T.: 6.413 min  
Delta R.T.: 0.000 min  
Response: 664365332  
Conc: 45.77 ng/ml



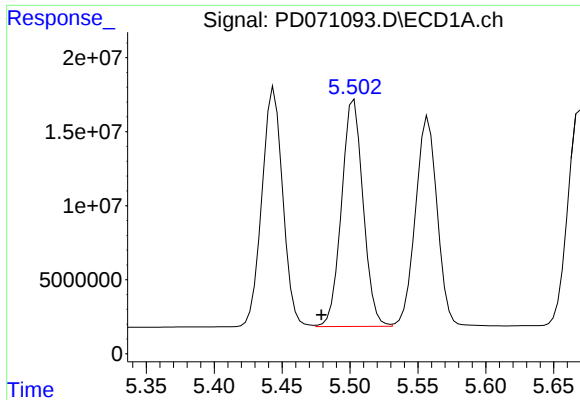
#10 gamma-Chlordane

R.T.: 5.444 min  
Delta R.T.: 0.024 min  
Response: 173061109  
Conc: 44.51 ng/ml



#10 gamma-Chlordane

R.T.: 6.285 min  
Delta R.T.: 0.000 min  
Response: 721562299  
Conc: 45.75 ng/ml



#11 alpha-Chlordane

R.T.: 5.503 min  
Delta R.T.: 0.024 min  
Response: 169646188  
Conc: 44.37 ng/ml

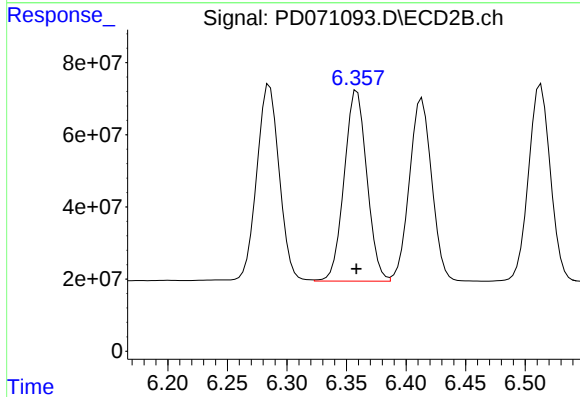
Instrument :

ECD\_D

ClientSampleId :  
PB146272BS

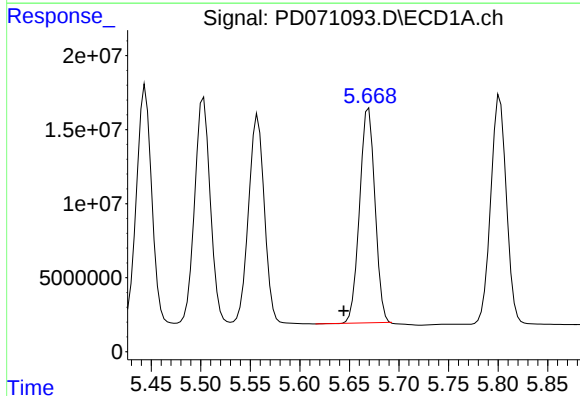
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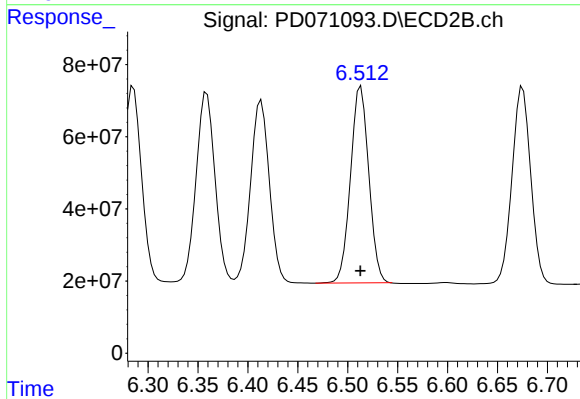
#11 alpha-Chlordane

R.T.: 6.359 min  
Delta R.T.: 0.000 min  
Response: 700733192  
Conc: 45.54 ng/ml



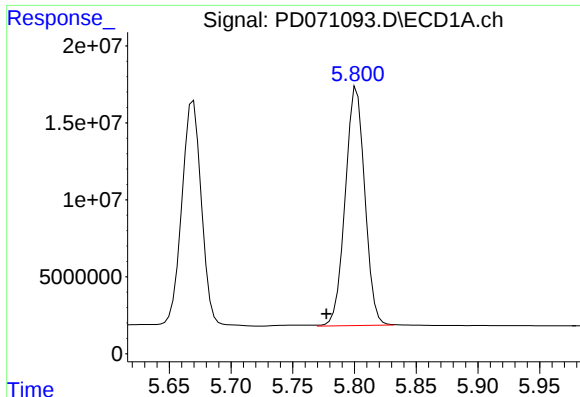
#12 4,4'-DDE

R.T.: 5.669 min  
Delta R.T.: 0.025 min  
Response: 156579170  
Conc: 44.46 ng/ml



#12 4,4'-DDE

R.T.: 6.513 min  
Delta R.T.: 0.000 min  
Response: 693845783  
Conc: 46.22 ng/ml



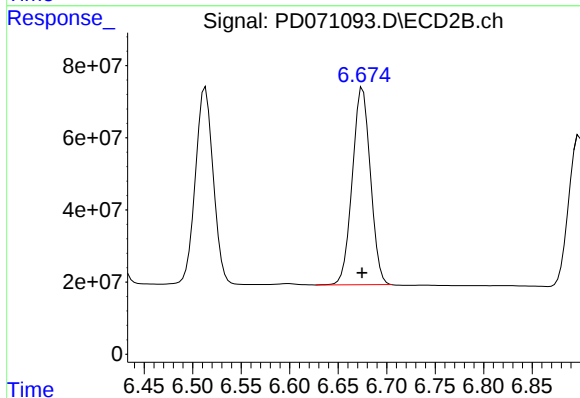
#13 Dieldrin

R.T.: 5.800 min  
Delta R.T.: 0.023 min  
Response: 170576871  
Conc: 45.41 ng/ml

Instrument :  
ECD\_D  
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PB146272BS

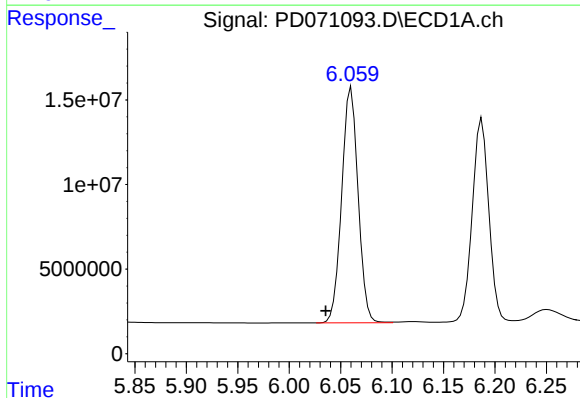
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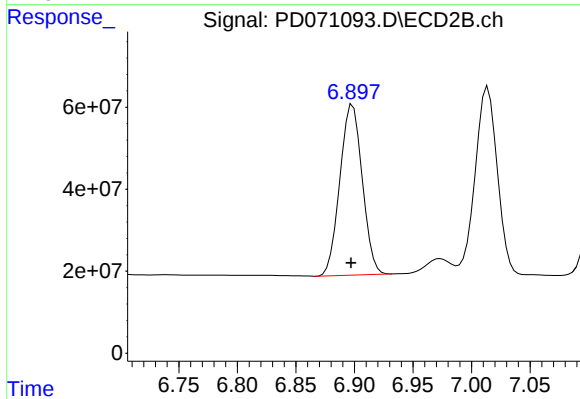
#13 Dieldrin

R.T.: 6.675 min  
Delta R.T.: 0.000 min  
Response: 709252768  
Conc: 46.42 ng/ml



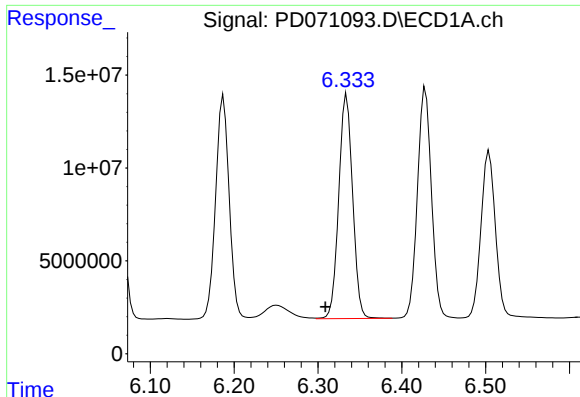
#14 Endrin

R.T.: 6.060 min  
Delta R.T.: 0.025 min  
Response: 154253178  
Conc: 49.40 ng/ml



#14 Endrin

R.T.: 6.899 min  
Delta R.T.: 0.001 min  
Response: 553741228  
Conc: 53.39 ng/ml



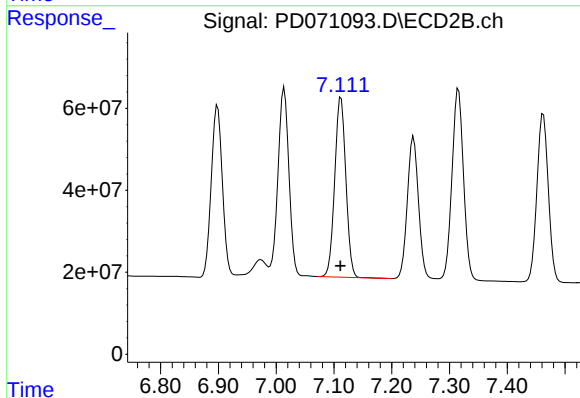
#15 Endosulfan II

R.T.: 6.334 min  
Delta R.T.: 0.025 min  
Response: 138873465  
Conc: 46.17 ng/ml

Instrument :  
ECD\_D  
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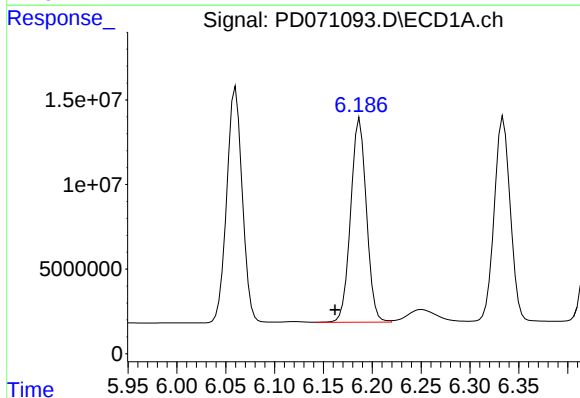
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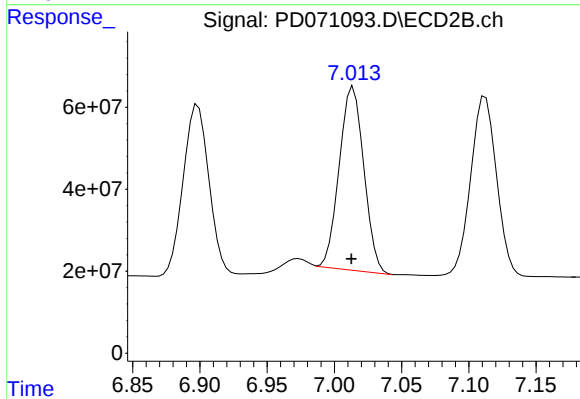
#15 Endosulfan II

R.T.: 7.112 min  
Delta R.T.: 0.001 min  
Response: 589561500  
Conc: 47.10 ng/ml



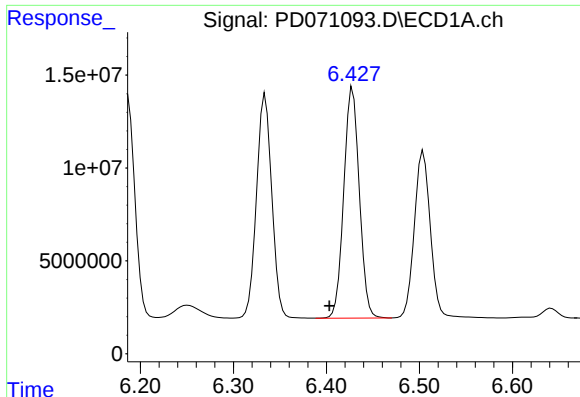
#16 4,4'-DDD

R.T.: 6.187 min  
Delta R.T.: 0.026 min  
Response: 135743022  
Conc: 46.25 ng/ml



#16 4,4'-DDD

R.T.: 7.013 min  
Delta R.T.: 0.000 min  
Response: 569014701  
Conc: 45.75 ng/ml m



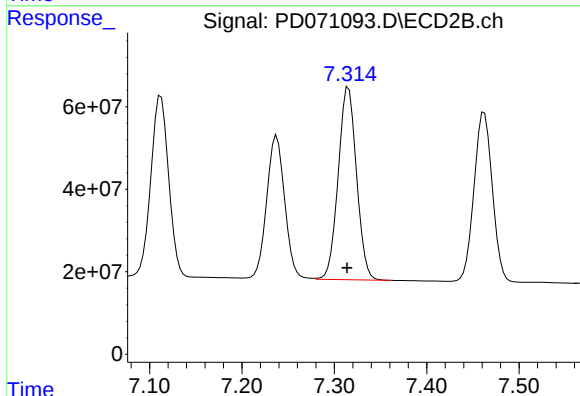
#17 4,4'-DDT

R.T.: 6.428 min  
Delta R.T.: 0.025 min  
Response: 144303613  
Conc: 47.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB146272BS

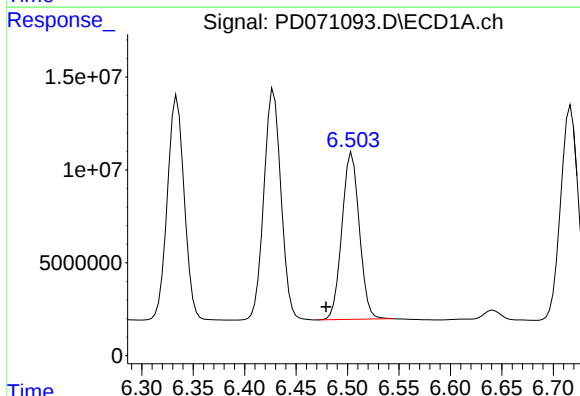
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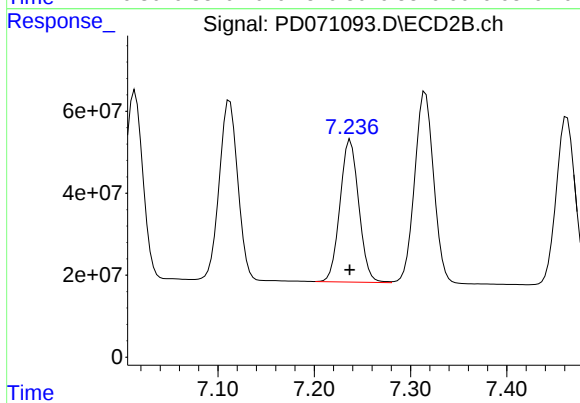
#17 4,4'-DDT

R.T.: 7.315 min  
Delta R.T.: 0.002 min  
Response: 642992044  
Conc: 48.01 ng/ml



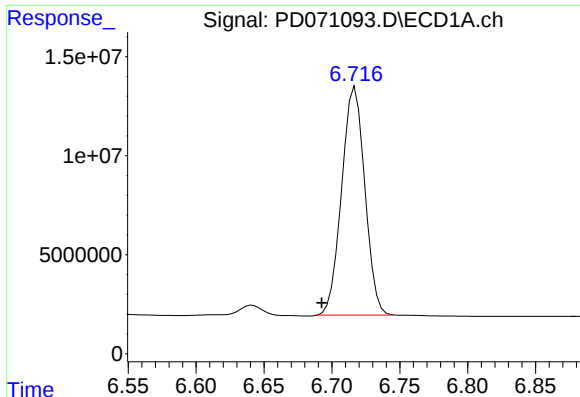
#18 Endrin aldehyde

R.T.: 6.504 min  
Delta R.T.: 0.025 min  
Response: 105816462  
Conc: 44.12 ng/ml



#18 Endrin aldehyde

R.T.: 7.238 min  
Delta R.T.: 0.000 min  
Response: 469317163  
Conc: 46.54 ng/ml



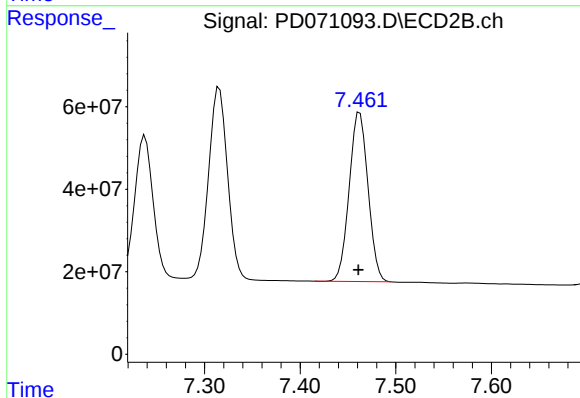
#19 Endosulfan Sulfate

R.T.: 6.716 min  
Delta R.T.: 0.023 min  
Response: 136954655  
Conc: 45.97 ng/ml

Instrument :  
ECD\_D  
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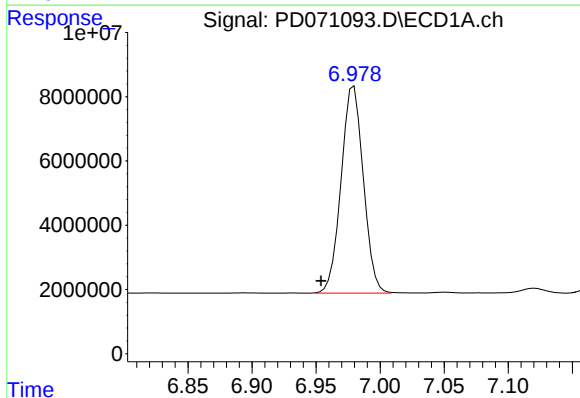
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APPROVED

Reviewed By :Abdul Mirza 07/22/2022  
Supervised By :Ankita Jodhani 07/22/2022



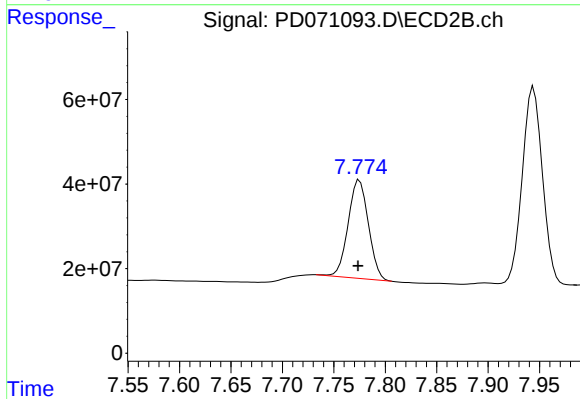
#19 Endosulfan Sulfate

R.T.: 7.462 min  
Delta R.T.: 0.001 min  
Response: 563189983  
Conc: 46.61 ng/ml



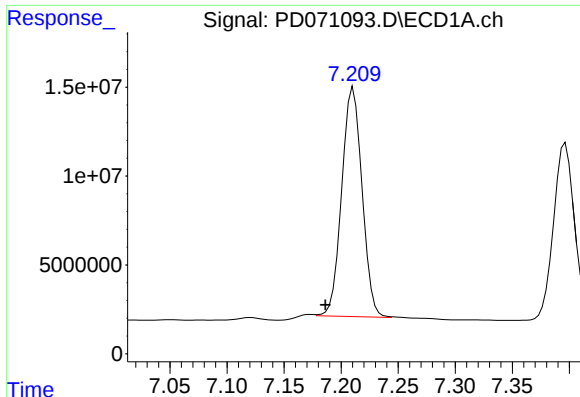
#20 Methoxychlor

R.T.: 6.978 min  
Delta R.T.: 0.024 min  
Response: 77717494  
Conc: 47.01 ng/ml m



#20 Methoxychlor

R.T.: 7.775 min  
Delta R.T.: 0.001 min  
Response: 317963213  
Conc: 46.27 ng/ml



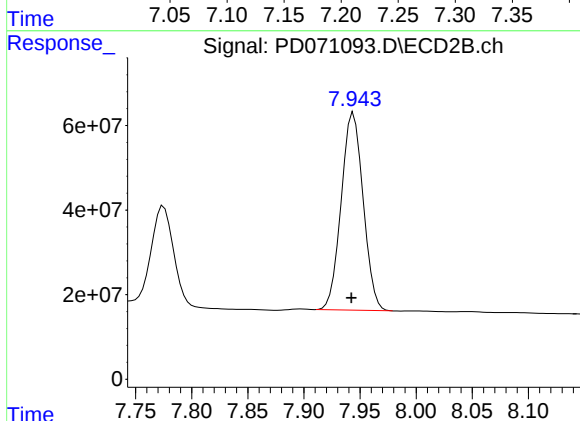
#21 Endrin ketone

R.T.: 7.209 min  
Delta R.T.: 0.023 min  
Response: 159873873  
Conc: 46.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB146272BS

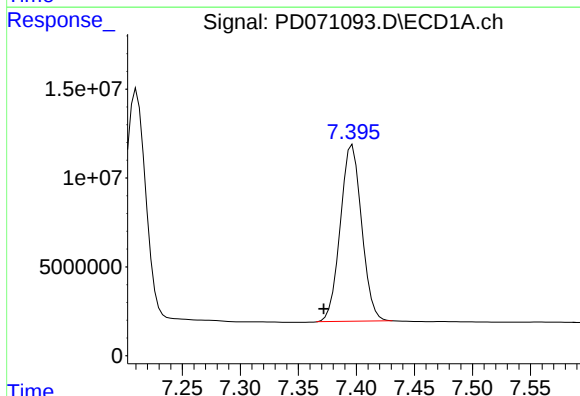
Manual Integrations  
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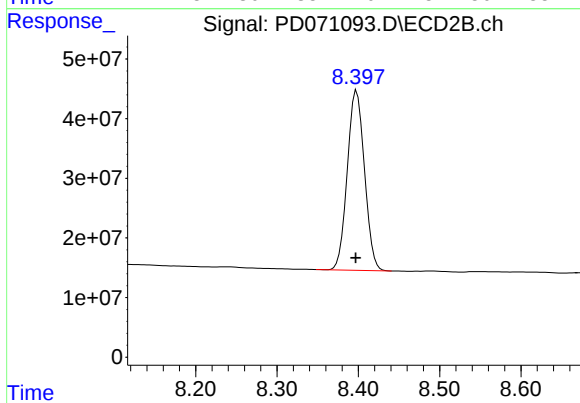
#21 Endrin ketone

R.T.: 7.944 min  
Delta R.T.: 0.002 min  
Response: 636377316  
Conc: 45.98 ng/ml



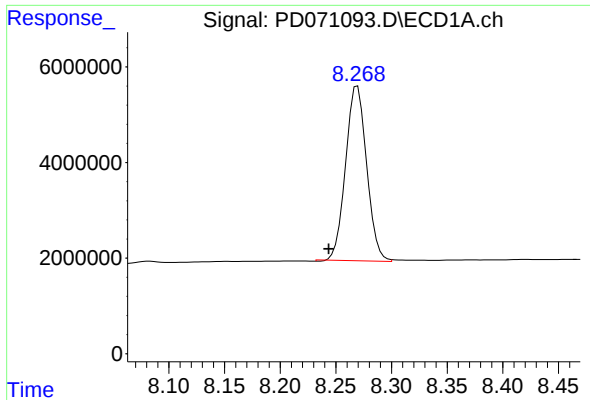
#22 Mirex

R.T.: 7.395 min  
Delta R.T.: 0.023 min  
Response: 126791937  
Conc: 45.73 ng/ml m



#22 Mirex

R.T.: 8.398 min  
Delta R.T.: 0.001 min  
Response: 441701257  
Conc: 48.07 ng/ml



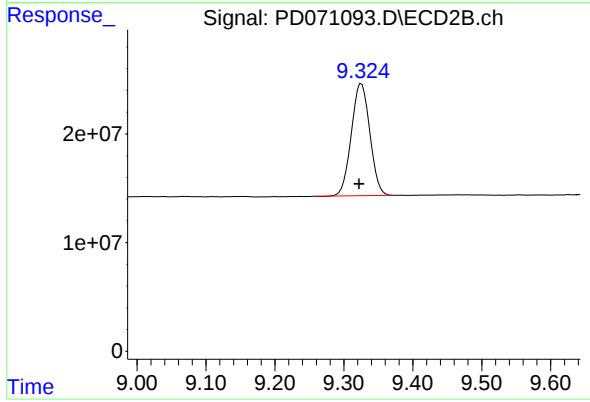
#28 Decachlorobiphenyl

R.T.: 8.268 min  
Delta R.T.: 0.024 min  
Response: 48148683  
Conc: 15.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB146272BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.325 min  
Delta R.T.: 0.003 min  
Response: 192634822  
Conc: 16.89 ng/ml