

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062523\  
 Data File : PD076103.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jun 2023 12:58  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/26/2023  
 Supervised By :Ankita Jodhani 06/26/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 23 22:44:25 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 16 10:43:19 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.552 | 2.765 | 97494421 | 50232408 | 45.769  | 46.300   |
| 28)                         | SA Decachlor... | 9.096 | 7.913 | 107.3E6  | 46176905 | 42.346  | 47.225   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.008 | 3.267 | 168.3E6  | 75663108 | 45.581  | 47.297   |
| 3)                          | MA gamma-BHC... | 4.342 | 3.598 | 154.3E6  | 70544499 | 45.850  | 47.878   |
| 4)                          | MA Heptachlor   | 4.933 | 3.938 | 157.9E6  | 69898606 | 44.019  | 46.021   |
| 5)                          | MB Aldrin       | 5.277 | 4.219 | 157.7E6  | 71249882 | 44.998  | 47.780   |
| 6)                          | B beta-BHC      | 4.538 | 3.895 | 64511480 | 30419238 | 44.871  | 47.723   |
| 7)                          | B delta-BHC     | 4.787 | 4.125 | 158.6E6  | 72056284 | 47.728  | 49.729   |
| 8)                          | B Heptachlo...  | 5.704 | 4.721 | 141.2E6  | 65130448 | 43.831  | 47.415   |
| 9)                          | A Endosulfan I  | 6.090 | 5.092 | 133.8E6  | 60902163 | 44.604  | 47.647   |
| 10)                         | B gamma-Chl...  | 5.960 | 4.973 | 149.4E6  | 66445423 | 46.378  | 48.425   |
| 11)                         | B alpha-Chl...  | 6.039 | 5.036 | 144.6E6  | 65881869 | 44.726  | 48.027   |
| 12)                         | B 4,4'-DDE      | 6.212 | 5.226 | 130.9E6  | 59278213 | 45.802  | 53.109   |
| 13)                         | MA Dieldrin     | 6.366 | 5.357 | 140.0E6  | 65247177 | 44.813  | 48.361   |
| 14)                         | MA Endrin       | 6.597 | 5.633 | 111.7E6  | 56342598 | 41.776  | 46.297   |
| 15)                         | B Endosulfa...  | 6.816 | 5.927 | 112.0E6  | 52988724 | 43.352  | 49.116   |
| 16)                         | A 4,4'-DDD      | 6.730 | 5.781 | 111.4E6  | 52470226 | 48.967  | 59.539   |
| 17)                         | MA 4,4'-DDT     | 7.045 | 6.033 | 97353079 | 44090378 | 42.901  | 54.279 # |
| 18)                         | B Endrin al...  | 6.945 | 6.107 | 86940020 | 41980322 | 43.327m | 48.505   |
| 19)                         | B Endosulfa...  | 7.181 | 6.330 | 111.6E6  | 54663482 | 44.301  | 50.586   |
| 20)                         | A Methoxychlor  | 7.521 | 6.609 | 53659115 | 24865978 | 41.455  | 53.724 # |
| 21)                         | B Endrin ke...  | 7.667 | 6.837 | 133.3E6  | 62606210 | 47.846  | 51.530   |
| 22)                         | Mirex           | 8.143 | 7.019 | 92543587 | 50327424 | 43.193  | 48.012   |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062523\  
Data File : PD076103.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jun 2023 12:58  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

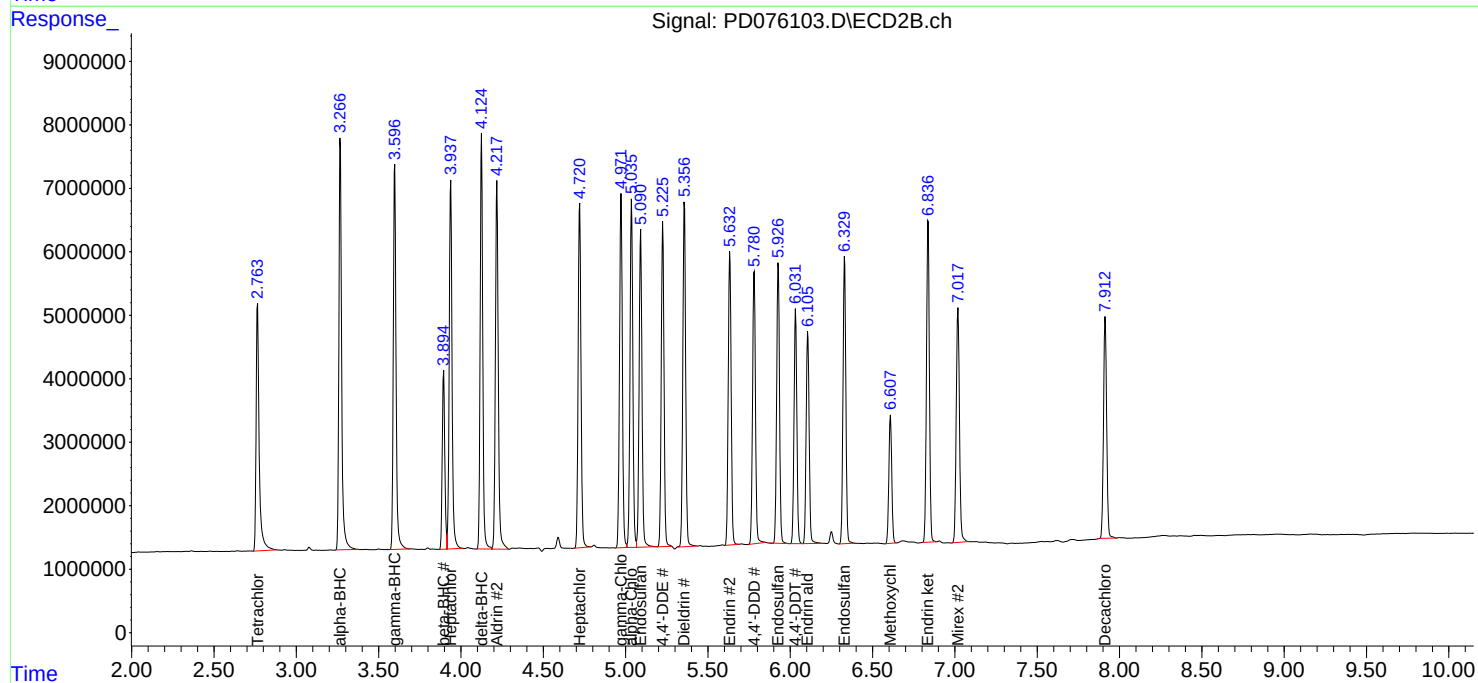
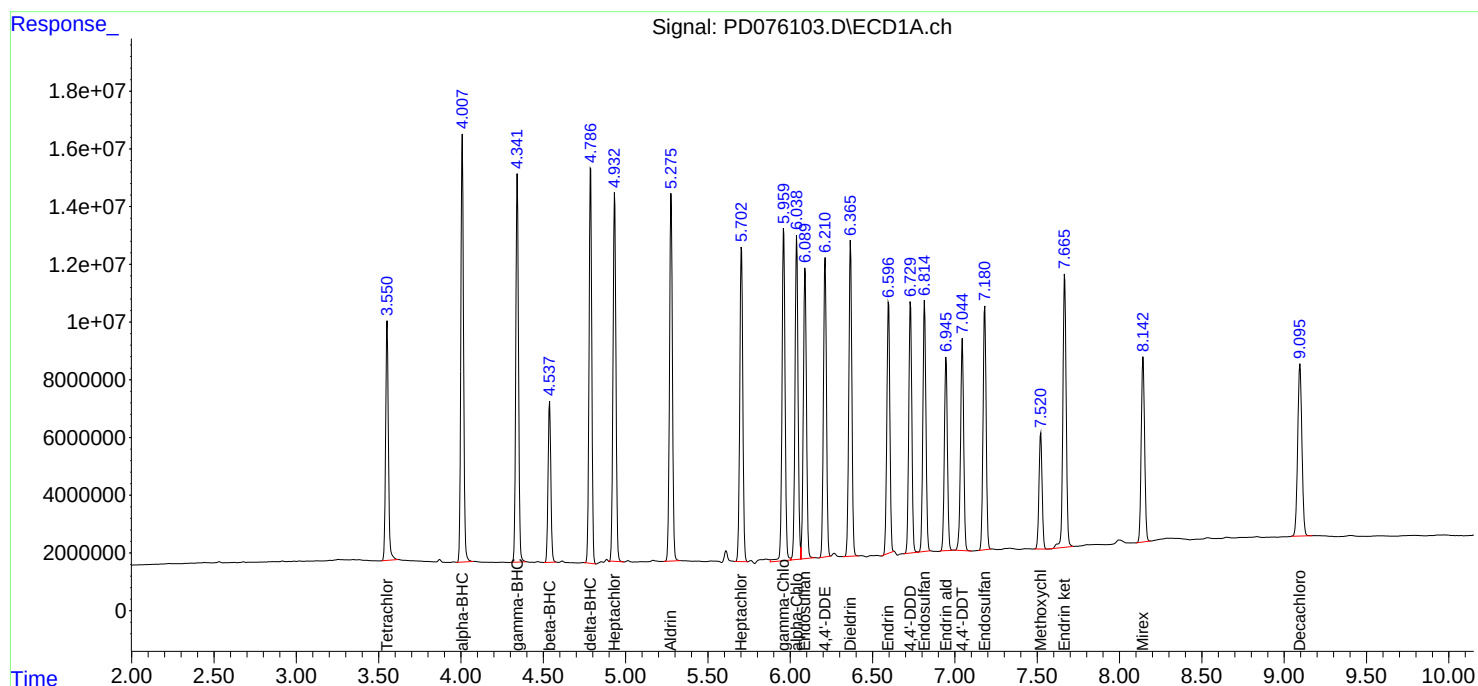
Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

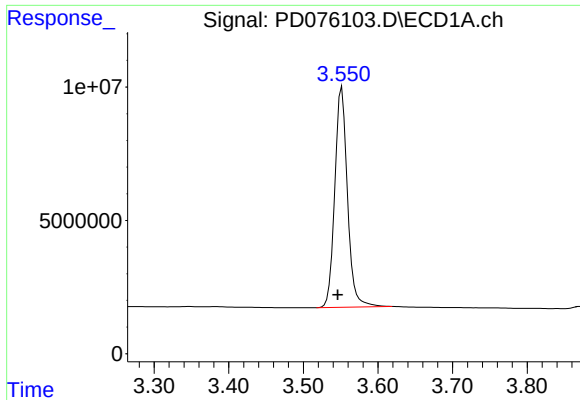
Manual Integrations  
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Supervised By :Ankita Jodhani 06/26/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 23 22:44:25 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 16 10:43:19 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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





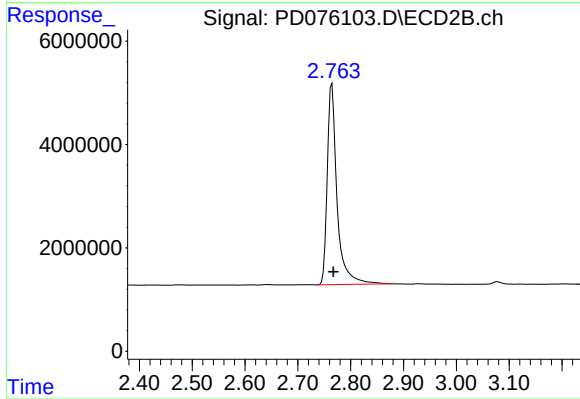
#1 Tetrachloro-m-xylene

R.T.: 3.552 min  
Delta R.T.: 0.006 min  
Response: 97494421  
Conc: 45.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

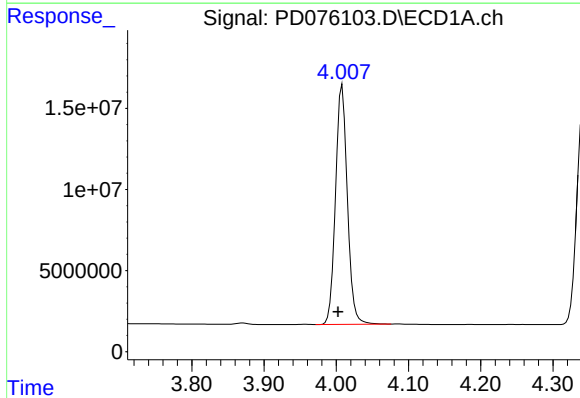
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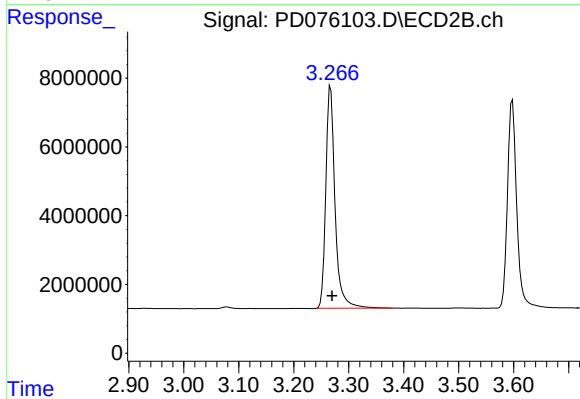
#1 Tetrachloro-m-xylene

R.T.: 2.765 min  
Delta R.T.: -0.003 min  
Response: 50232408  
Conc: 46.30 ng/ml



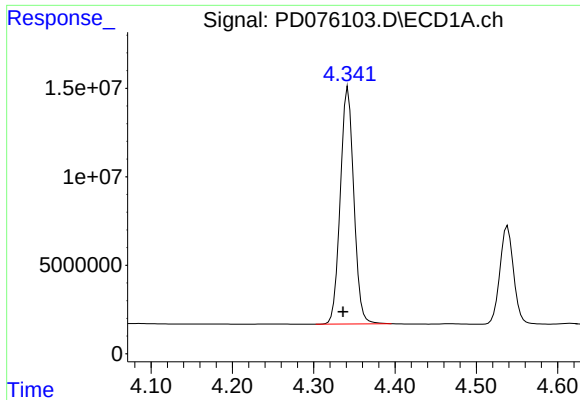
#2 alpha-BHC

R.T.: 4.008 min  
Delta R.T.: 0.006 min  
Response: 168288916  
Conc: 45.58 ng/ml



#2 alpha-BHC

R.T.: 3.267 min  
Delta R.T.: -0.002 min  
Response: 75663108  
Conc: 47.30 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.342 min  
Delta R.T.: 0.006 min  
Response: 154281659  
Conc: 45.85 ng/ml

Instrument :

ECD\_D

ClientSampleId :

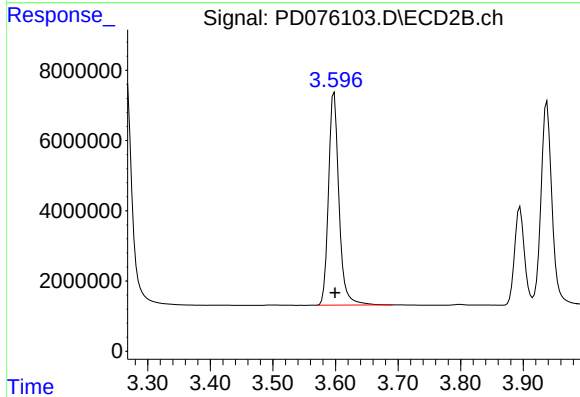
PSTDCCC050

Manual Integrations

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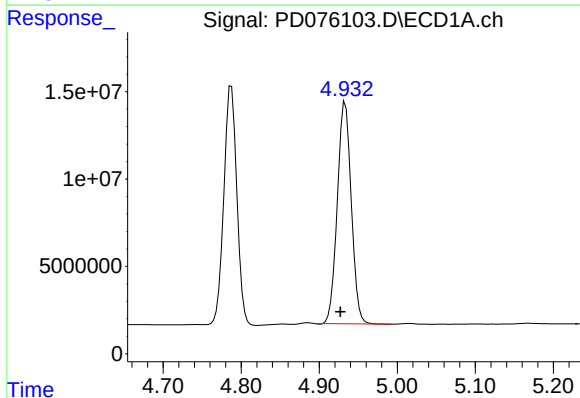
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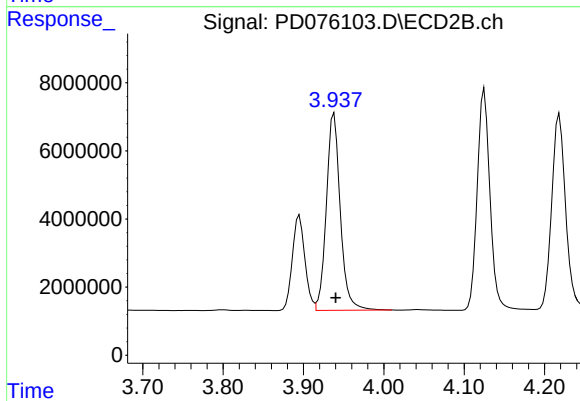
#3 gamma-BHC (Lindane)

R.T.: 3.598 min  
Delta R.T.: -0.002 min  
Response: 70544499  
Conc: 47.88 ng/ml



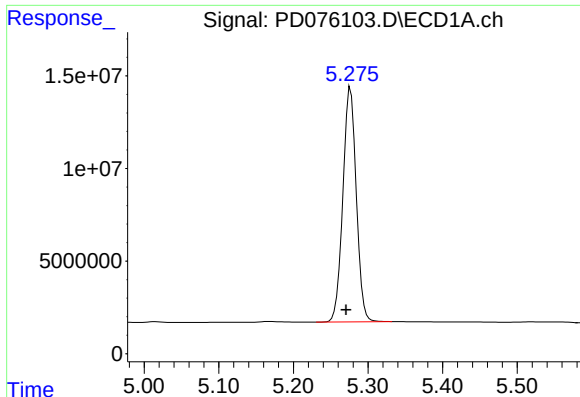
#4 Heptachlor

R.T.: 4.933 min  
Delta R.T.: 0.006 min  
Response: 157877577  
Conc: 44.02 ng/ml



#4 Heptachlor

R.T.: 3.938 min  
Delta R.T.: -0.002 min  
Response: 69898606  
Conc: 46.02 ng/ml



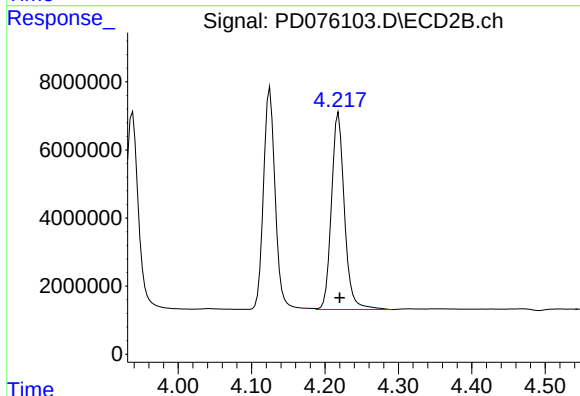
#5 Aldrin

R.T.: 5.277 min  
Delta R.T.: 0.006 min  
Response: 157682262  
Conc: 45.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

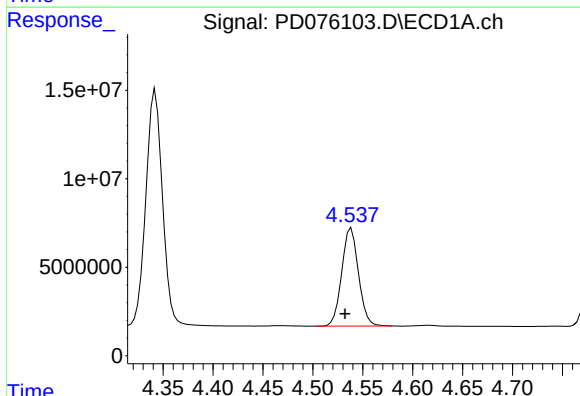
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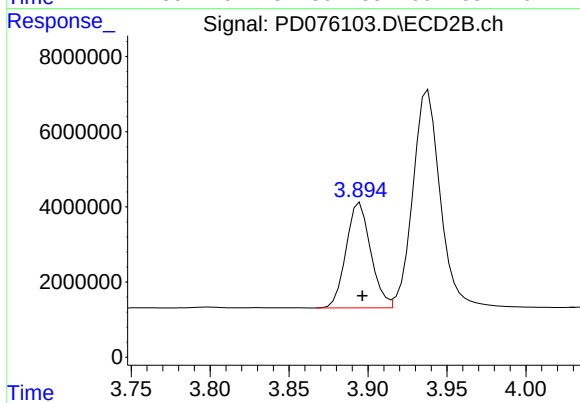
#5 Aldrin

R.T.: 4.219 min  
Delta R.T.: -0.002 min  
Response: 71249882  
Conc: 47.78 ng/ml



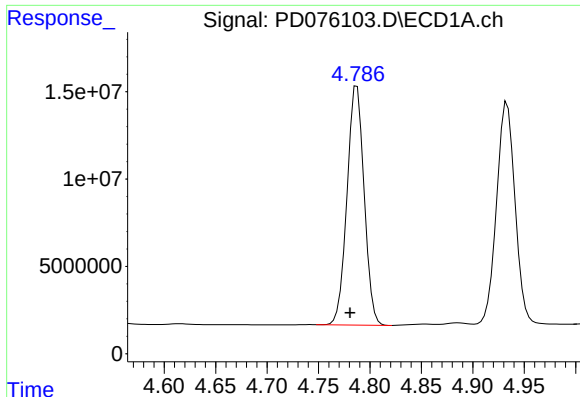
#6 beta-BHC

R.T.: 4.538 min  
Delta R.T.: 0.006 min  
Response: 64511480  
Conc: 44.87 ng/ml



#6 beta-BHC

R.T.: 3.895 min  
Delta R.T.: -0.001 min  
Response: 30419238  
Conc: 47.72 ng/ml



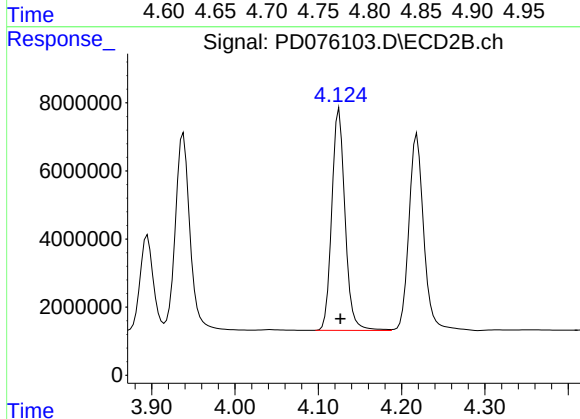
#7 delta-BHC

R.T.: 4.787 min  
Delta R.T.: 0.007 min  
Response: 158631002  
Conc: 47.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

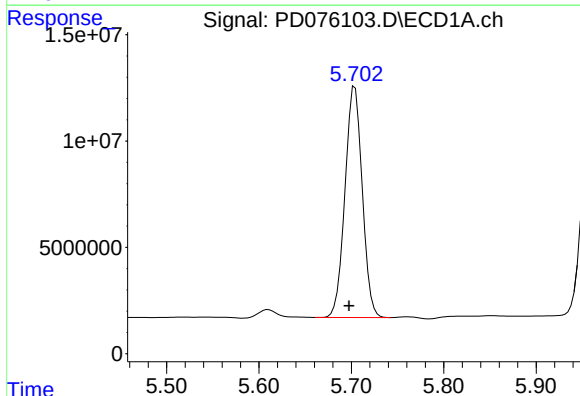
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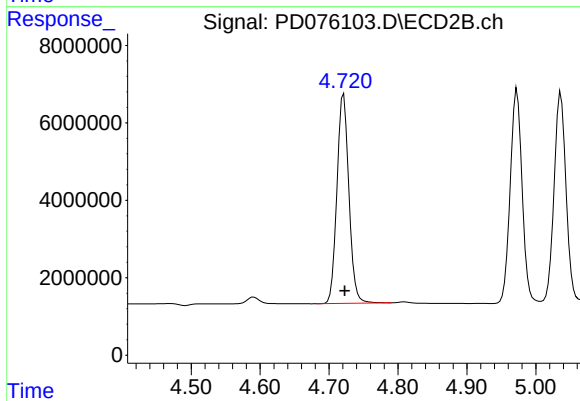
#7 delta-BHC

R.T.: 4.125 min  
Delta R.T.: -0.001 min  
Response: 72056284  
Conc: 49.73 ng/ml



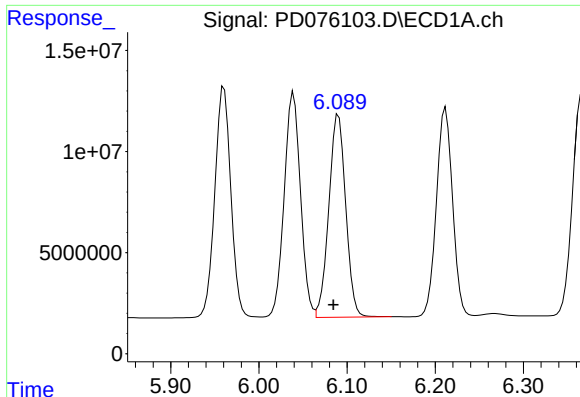
#8 Heptachlor epoxide

R.T.: 5.704 min  
Delta R.T.: 0.006 min  
Response: 141236512  
Conc: 43.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min  
Delta R.T.: -0.001 min  
Response: 65130448  
Conc: 47.41 ng/ml



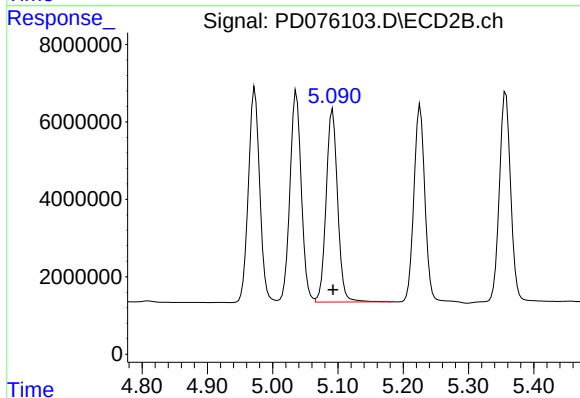
#9 Endosulfan I

R.T.: 6.090 min  
Delta R.T.: 0.006 min  
Response: 133789290  
Conc: 44.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

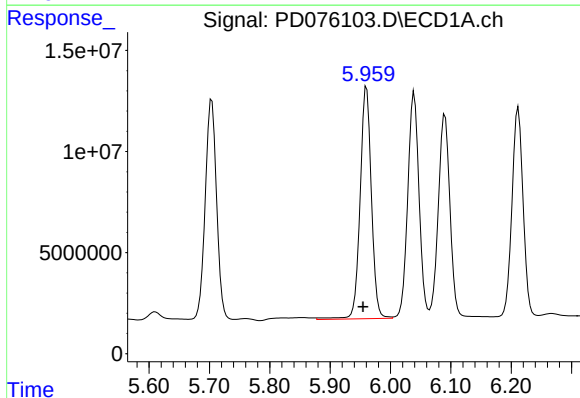
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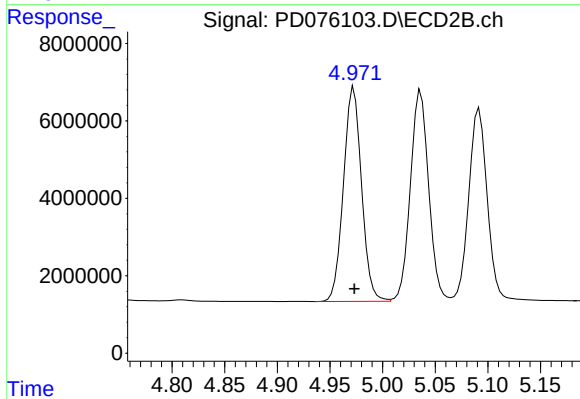
#9 Endosulfan I

R.T.: 5.092 min  
Delta R.T.: 0.000 min  
Response: 60902163  
Conc: 47.65 ng/ml



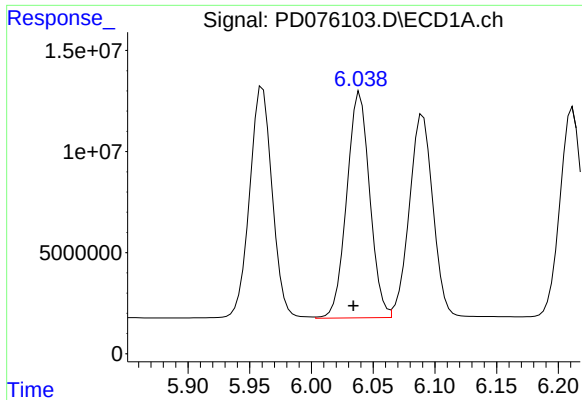
#10 gamma-Chlordane

R.T.: 5.960 min  
Delta R.T.: 0.006 min  
Response: 149399829  
Conc: 46.38 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min  
Delta R.T.: 0.000 min  
Response: 66445423  
Conc: 48.43 ng/ml



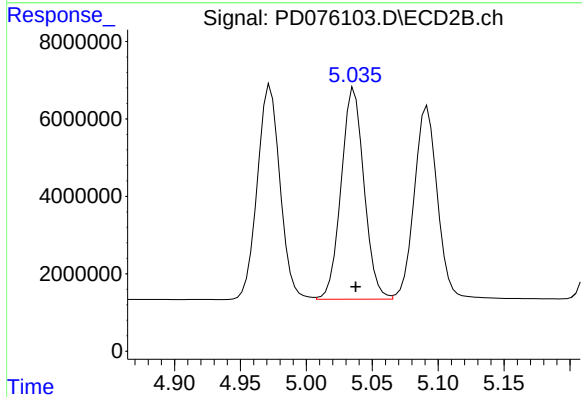
#11 alpha-Chlordane

R.T.: 6.039 min  
Delta R.T.: 0.005 min  
Response: 144593840  
Conc: 44.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

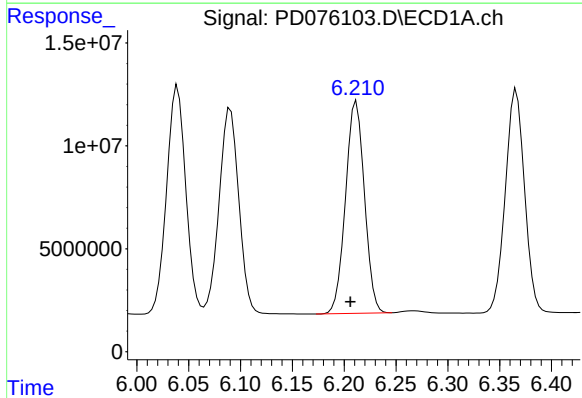
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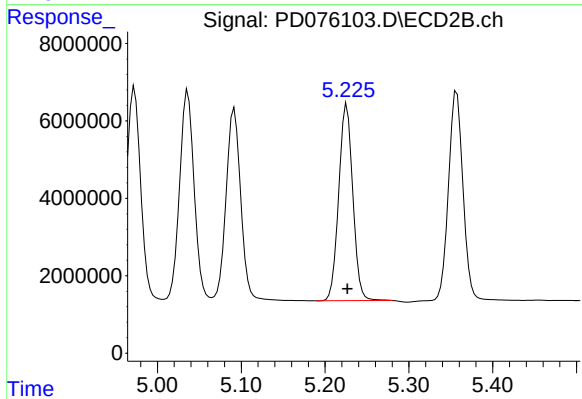
#11 alpha-Chlordane

R.T.: 5.036 min  
Delta R.T.: -0.001 min  
Response: 65881869  
Conc: 48.03 ng/ml



#12 4,4'-DDE

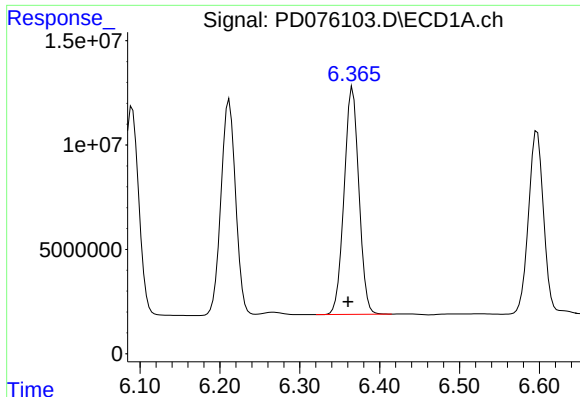
R.T.: 6.212 min  
Delta R.T.: 0.006 min  
Response: 130909509  
Conc: 45.80 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min  
Delta R.T.: 0.000 min  
Response: 59278213  
Conc: 53.11 ng/ml





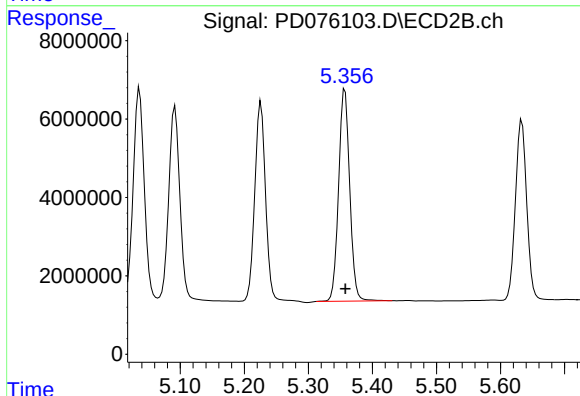
#13 Dieldrin

R.T.: 6.366 min  
Delta R.T.: 0.006 min  
Response: 140037862  
Conc: 44.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

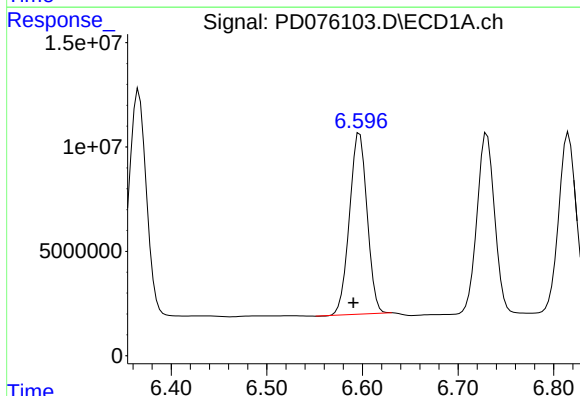
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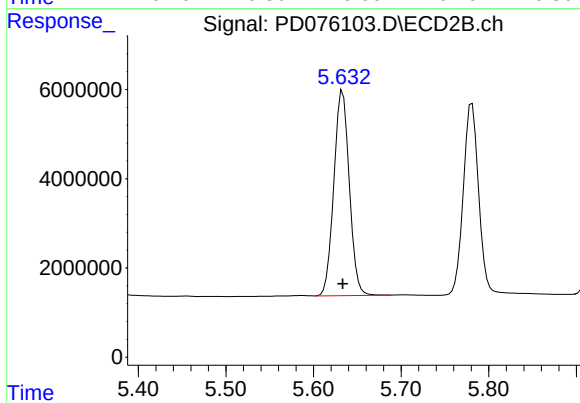
#13 Dieldrin

R.T.: 5.357 min  
Delta R.T.: 0.000 min  
Response: 65247177  
Conc: 48.36 ng/ml



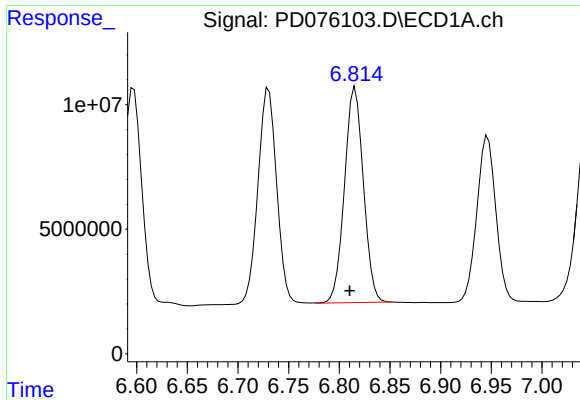
#14 Endrin

R.T.: 6.597 min  
Delta R.T.: 0.007 min  
Response: 111722634  
Conc: 41.78 ng/ml



#14 Endrin

R.T.: 5.633 min  
Delta R.T.: 0.000 min  
Response: 56342598  
Conc: 46.30 ng/ml



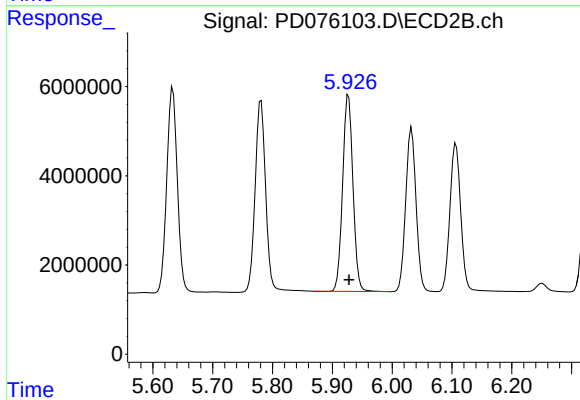
#15 Endosulfan II

R.T.: 6.816 min  
Delta R.T.: 0.005 min  
Response: 112004518  
Conc: 43.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

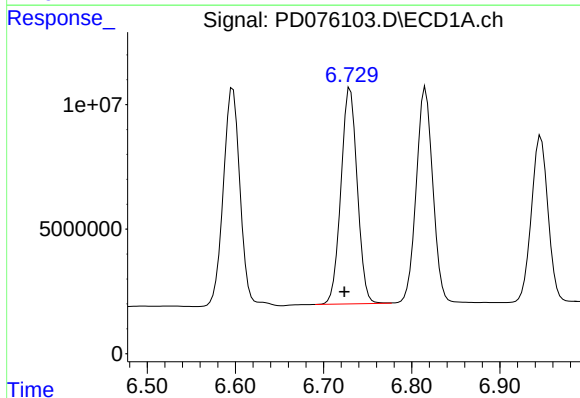
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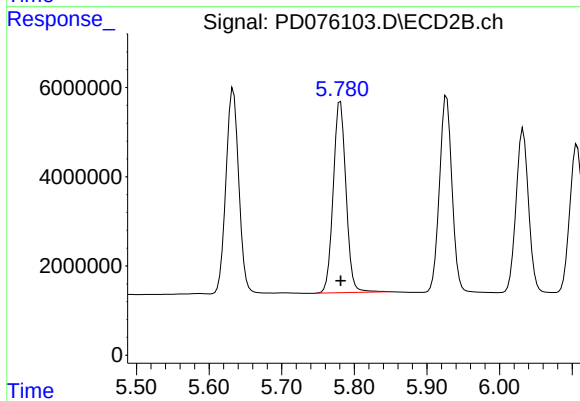
#15 Endosulfan II

R.T.: 5.927 min  
Delta R.T.: 0.000 min  
Response: 52988724  
Conc: 49.12 ng/ml



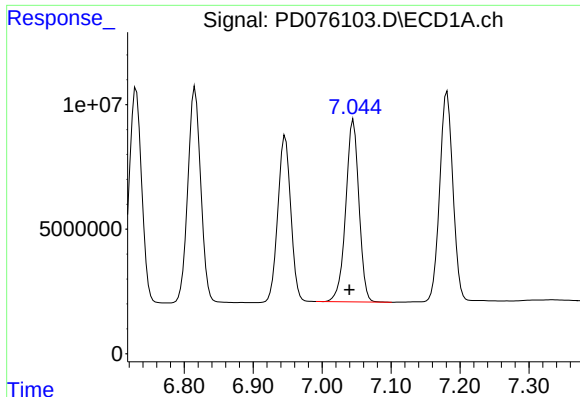
#16 4,4'-DDD

R.T.: 6.730 min  
Delta R.T.: 0.007 min  
Response: 111431219  
Conc: 48.97 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min  
Delta R.T.: 0.000 min  
Response: 52470226  
Conc: 59.54 ng/ml



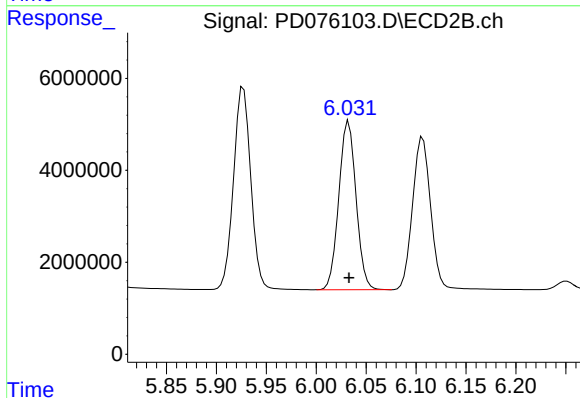
#17 4,4'-DDT

R.T.: 7.045 min  
Delta R.T.: 0.006 min  
Response: 97353079  
Conc: 42.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

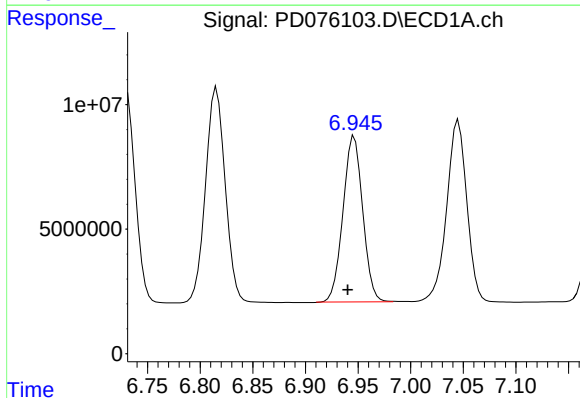
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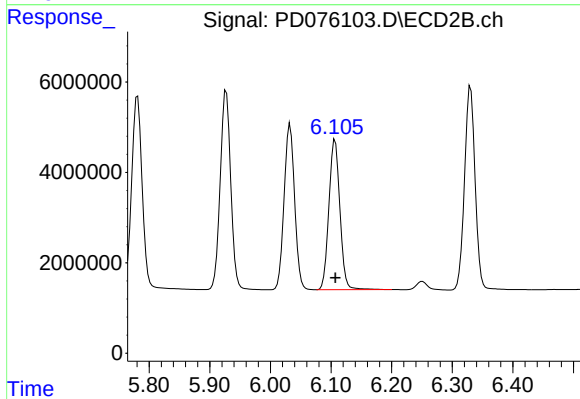
#17 4,4'-DDT

R.T.: 6.033 min  
Delta R.T.: 0.000 min  
Response: 44090378  
Conc: 54.28 ng/ml



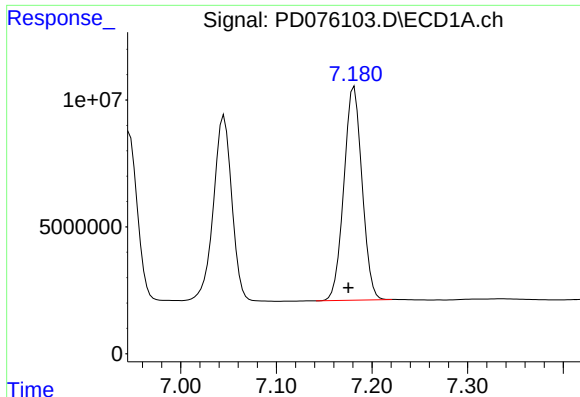
#18 Endrin aldehyde

R.T.: 6.945 min  
Delta R.T.: 0.005 min  
Response: 86940020  
Conc: 43.33 ng/ml m



#18 Endrin aldehyde

R.T.: 6.107 min  
Delta R.T.: 0.000 min  
Response: 41980322  
Conc: 48.50 ng/ml



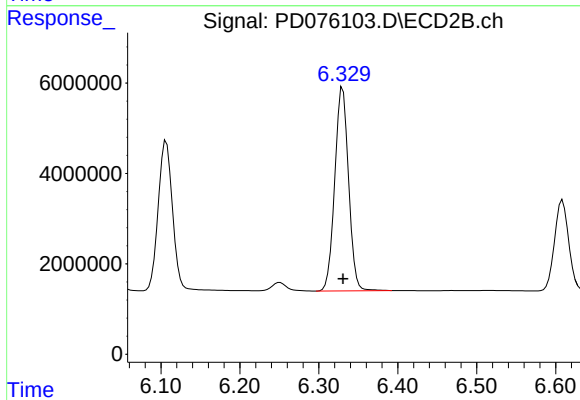
#19 Endosulfan Sulfate

R.T.: 7.181 min  
Delta R.T.: 0.006 min  
Response: 111609568  
Conc: 44.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

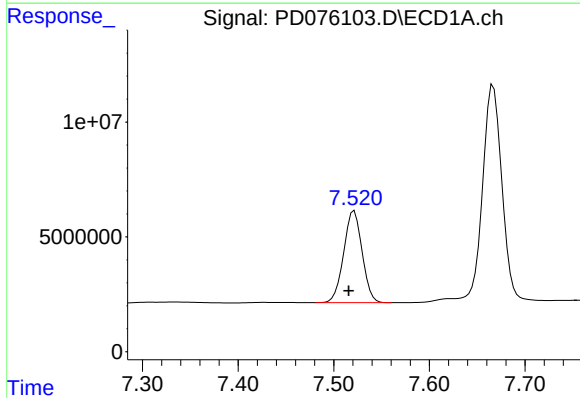
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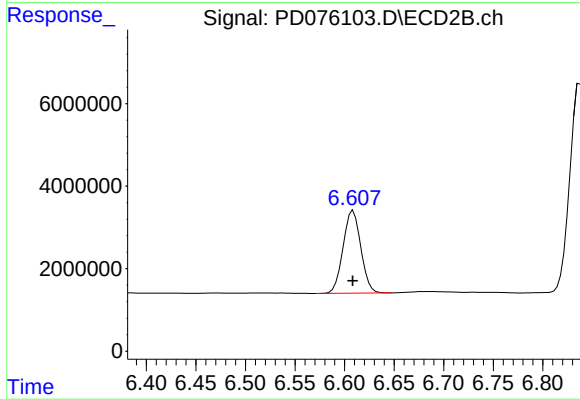
#19 Endosulfan Sulfate

R.T.: 6.330 min  
Delta R.T.: 0.000 min  
Response: 54663482  
Conc: 50.59 ng/ml



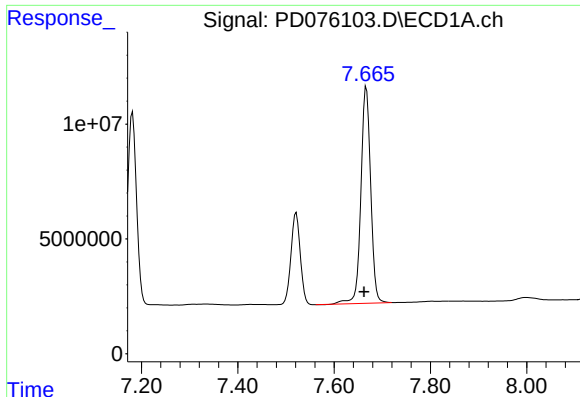
#20 Methoxychlor

R.T.: 7.521 min  
Delta R.T.: 0.006 min  
Response: 53659115  
Conc: 41.46 ng/ml



#20 Methoxychlor

R.T.: 6.609 min  
Delta R.T.: 0.000 min  
Response: 24865978  
Conc: 53.72 ng/ml



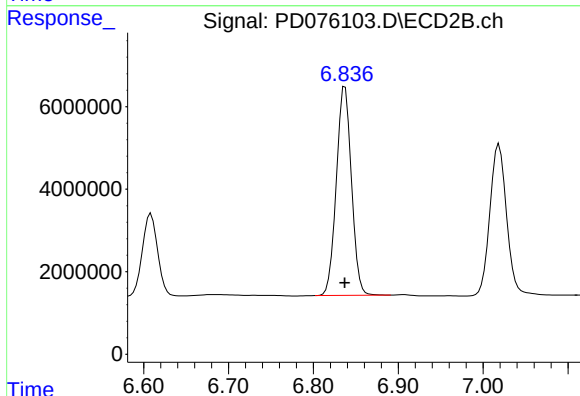
#21 Endrin ketone

R.T.: 7.667 min  
Delta R.T.: 0.004 min  
Response: 133295772  
Conc: 47.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

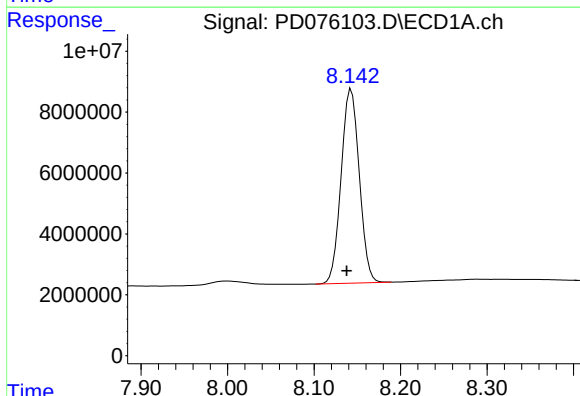
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/26/2023  
Supervised By :Ankita Jodhani 06/26/2023



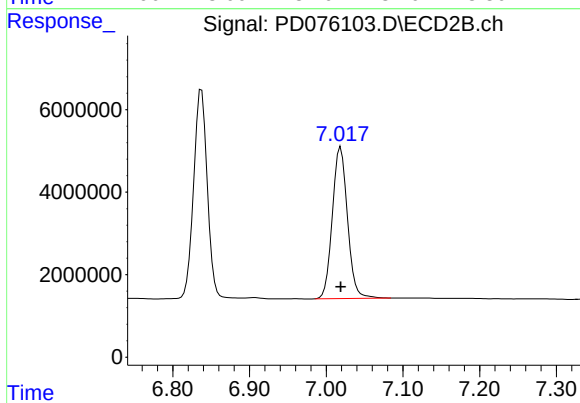
#21 Endrin ketone

R.T.: 6.837 min  
Delta R.T.: 0.000 min  
Response: 62606210  
Conc: 51.53 ng/ml



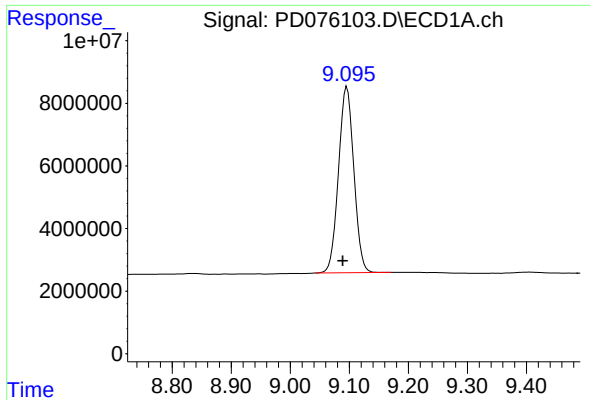
#22 Mirex

R.T.: 8.143 min  
Delta R.T.: 0.005 min  
Response: 92543587  
Conc: 43.19 ng/ml



#22 Mirex

R.T.: 7.019 min  
Delta R.T.: 0.000 min  
Response: 50327424  
Conc: 48.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.096 min  
Delta R.T.: 0.007 min  
Response: 107277663  
Conc: 42.35 ng/ml

Instrument :

ECD\_D

ClientSampleId :

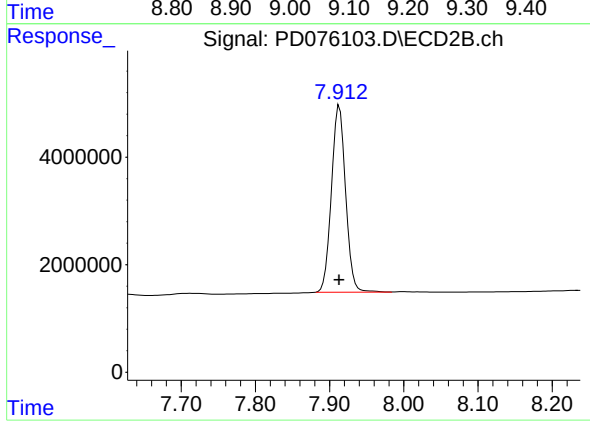
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/26/2023

Supervised By :Ankita Jodhani 06/26/2023



#28 Decachlorobiphenyl

R.T.: 7.913 min  
Delta R.T.: 0.000 min  
Response: 46176905  
Conc: 47.23 ng/ml