

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102422\  
 Data File : PD072583.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2022 11:07  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 10/25/2022  
 Supervised By : Ankita Jodhani 10/25/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 22:34:47 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102022.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 04:17:06 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 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... | 2.713 | 3.480 | 128.5E6  | 1867.5E6 | 51.553  | 56.152  |
| 28)                         | SA Decachlor... | 7.848 | 8.939 | 115.5E6  | 500.6E6  | 51.316  | 55.645  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.218 | 3.945 | 221.9E6  | 2527.9E6 | 56.345  | 55.207  |
| 3)                          | MA gamma-BHC... | 3.548 | 4.279 | 199.7E6  | 1918.4E6 | 61.221m | 52.126  |
| 4)                          | MA Heptachlor   | 3.882 | 4.847 | 197.8E6  | 1268.0E6 | 55.296  | 48.488  |
| 5)                          | MB Aldrin       | 4.162 | 5.185 | 195.4E6  | 1098.1E6 | 56.579  | 52.071  |
| 6)                          | B beta-BHC      | 3.852 | 4.495 | 79551147 | 687.0E6  | 56.910  | 48.331  |
| 7)                          | B delta-BHC     | 4.082 | 4.739 | 202.5E6  | 1505.4E6 | 56.903  | 53.149  |
| 8)                          | B Heptachlo...  | 4.667 | 5.618 | 172.7E6  | 942.6E6  | 56.250  | 54.171  |
| 9)                          | A Endosulfan I  | 5.036 | 6.002 | 159.8E6  | 852.6E6  | 55.449  | 55.888  |
| 10)                         | B gamma-Chl...  | 4.915 | 5.871 | 175.2E6  | 923.8E6  | 55.267  | 56.073  |
| 11)                         | B alpha-Chl...  | 4.979 | 5.947 | 169.9E6  | 897.3E6  | 54.763  | 55.597  |
| 12)                         | B 4,4'-DDE      | 5.167 | 6.119 | 166.1E6  | 885.7E6  | 55.597  | 57.878m |
| 13)                         | MA Dieldrin     | 5.302 | 6.278 | 168.9E6  | 883.3E6  | 55.271  | 55.895m |
| 14)                         | MA Endrin       | 5.579 | 6.511 | 142.4E6  | 703.0E6  | 52.438  | 52.637  |
| 15)                         | B Endosulfa...  | 5.877 | 6.739 | 133.4E6  | 697.3E6  | 54.547  | 56.729m |
| 16)                         | A 4,4'-DDD      | 5.725 | 6.646 | 137.3E6  | 723.0E6  | 55.941  | 58.680  |
| 17)                         | MA 4,4'-DDT     | 5.975 | 6.953 | 127.8E6  | 680.1E6  | 54.565  | 57.048  |
| 18)                         | B Endrin al...  | 6.059 | 6.872 | 104.2E6  | 545.8E6  | 52.973  | 56.553  |
| 19)                         | B Endosulfa...  | 6.283 | 7.105 | 132.6E6  | 645.1E6  | 52.753  | 56.908  |
| 20)                         | A Methoxychlor  | 6.558 | 7.433 | 68817597 | 316.4E6  | 51.155  | 53.435  |
| 21)                         | B Endrin ke...  | 6.793 | 7.593 | 159.9E6  | 723.1E6  | 53.542  | 57.950m |
| 22)                         | Mirex           | 6.956 | 8.043 | 109.2E6  | 449.1E6  | 51.355  | 54.028  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102422\  
 Data File : PD072583.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2022 11:07  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

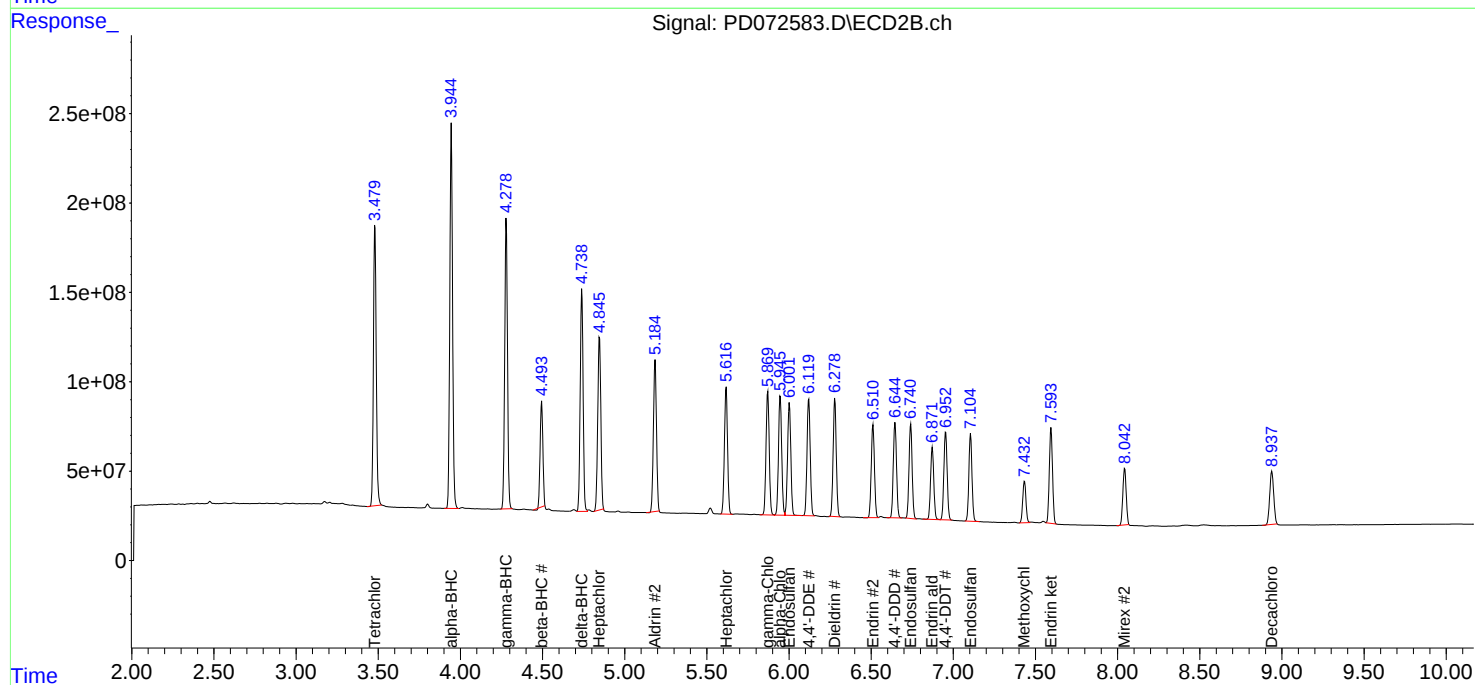
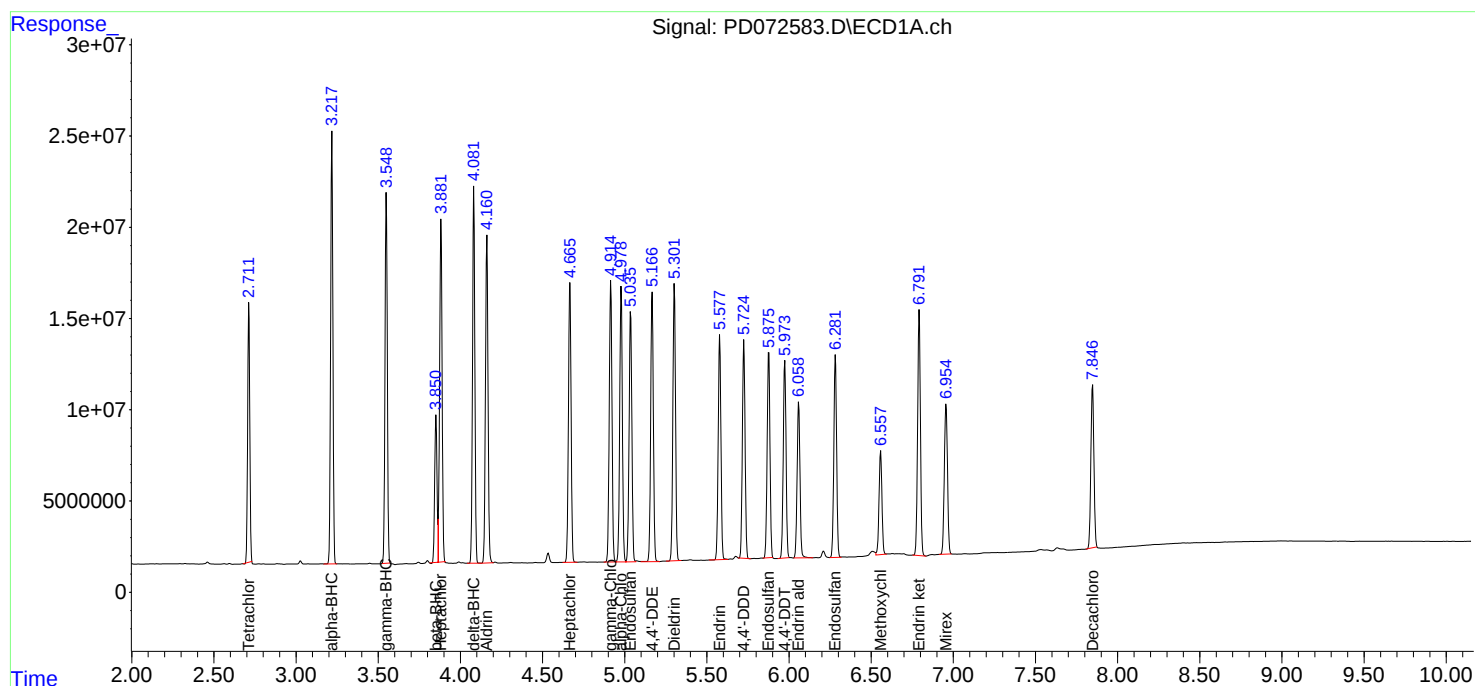
## Manual Integrations

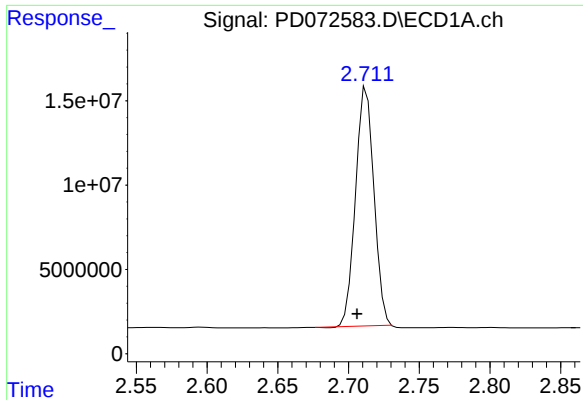
APPROVED

Reviewed By :Abdul Mirza 10/25/2022  
 Supervised By :Ankita Jodhani 10/25/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 22:34:47 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102022.M  
 Quant Title : GC Extractables  
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 Response via : Initial Calibration  
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Volume Inj. : 2 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





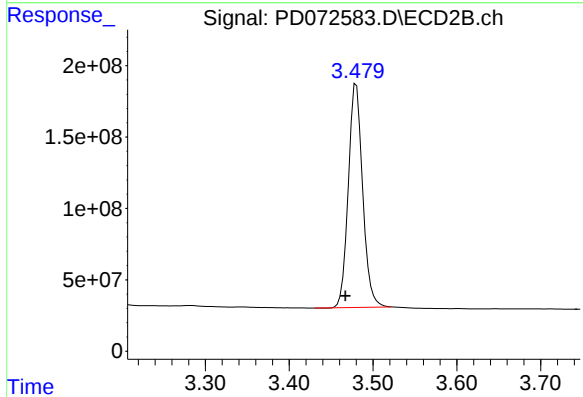
#1 Tetrachloro-m-xylene

R.T.: 2.713 min  
Delta R.T.: 0.007 min  
Response: 128450153  
Conc: 51.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

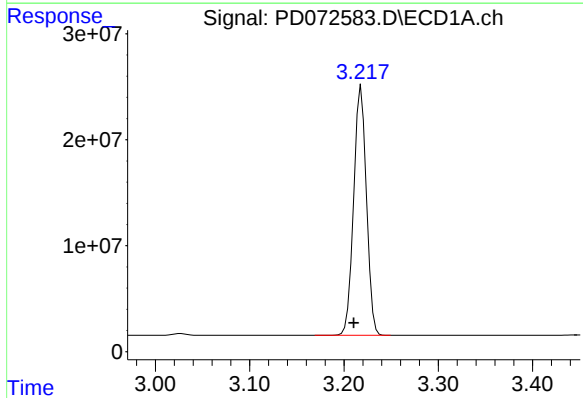
Manual Integrations  
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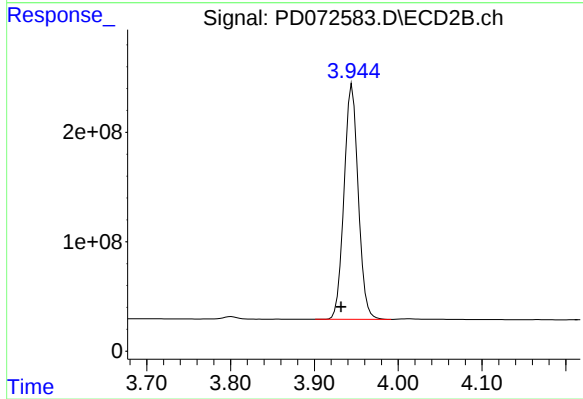
#1 Tetrachloro-m-xylene

R.T.: 3.480 min  
Delta R.T.: 0.013 min  
Response: 1867466405  
Conc: 56.15 ng/ml



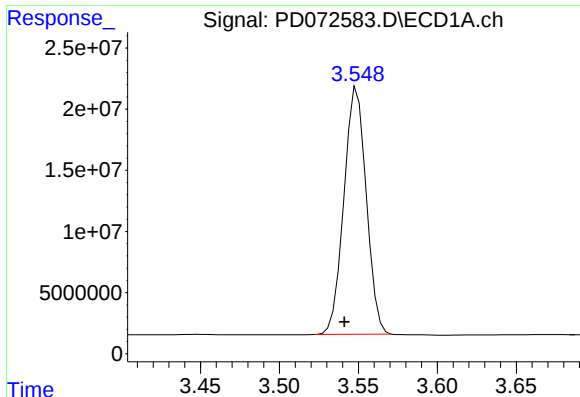
#2 alpha-BHC

R.T.: 3.218 min  
Delta R.T.: 0.008 min  
Response: 221883634  
Conc: 56.35 ng/ml



#2 alpha-BHC

R.T.: 3.945 min  
Delta R.T.: 0.013 min  
Response: 2527858423  
Conc: 55.21 ng/ml



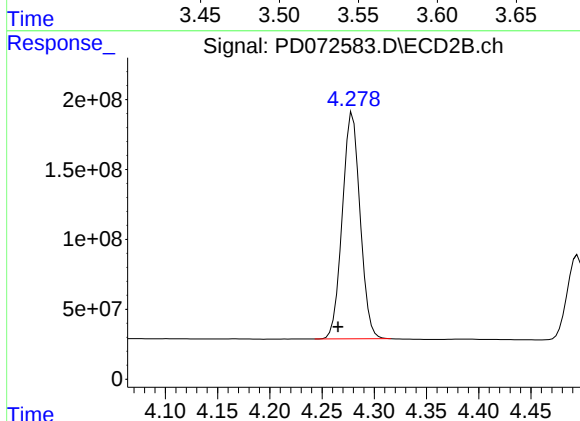
#3 gamma-BHC (Lindane)

R.T.: 3.548 min  
Delta R.T.: 0.007 min  
Response: 199734475  
Conc: 61.22 ng/ml

Instrument :  
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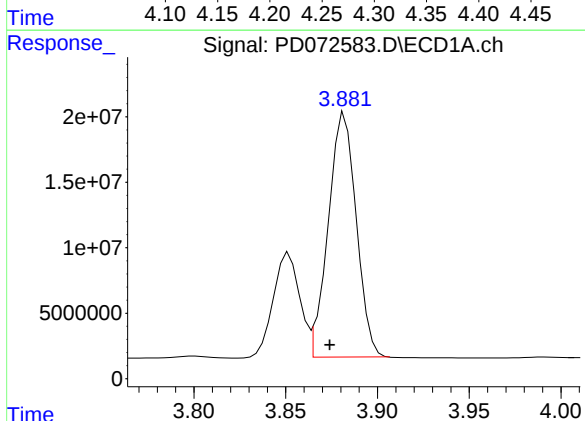
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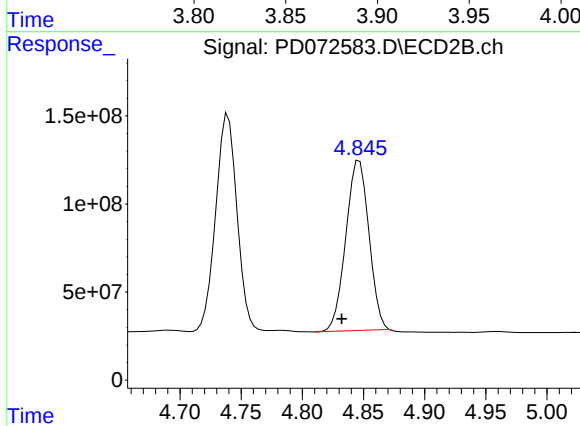
#3 gamma-BHC (Lindane)

R.T.: 4.279 min  
Delta R.T.: 0.014 min  
Response: 1918353204  
Conc: 52.13 ng/ml



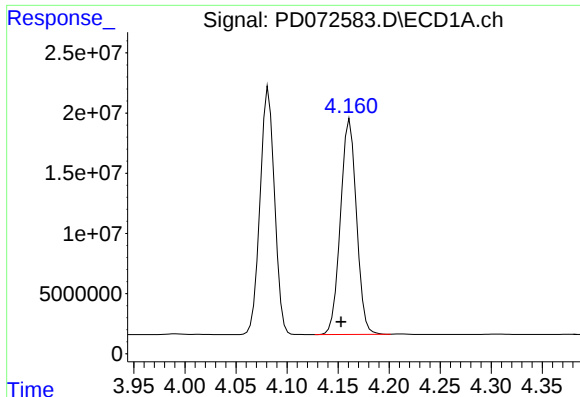
#4 Heptachlor

R.T.: 3.882 min  
Delta R.T.: 0.008 min  
Response: 197833260  
Conc: 55.30 ng/ml



#4 Heptachlor

R.T.: 4.847 min  
Delta R.T.: 0.014 min  
Response: 1267977676  
Conc: 48.49 ng/ml



#5 Aldrin

R.T.: 4.162 min  
Delta R.T.: 0.009 min  
Response: 195371163  
Conc: 56.58 ng/ml

Instrument :

ECD\_D

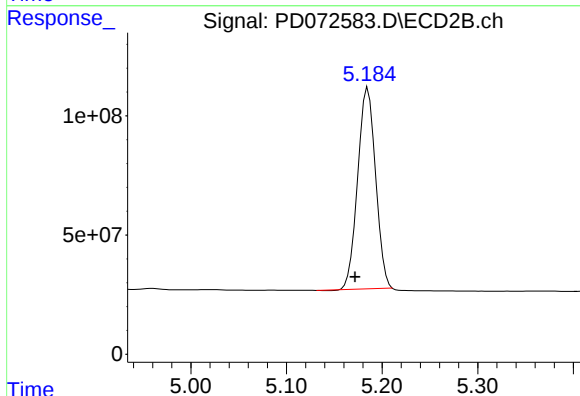
ClientSampleId :

PSTDCCC050

Manual Integrations

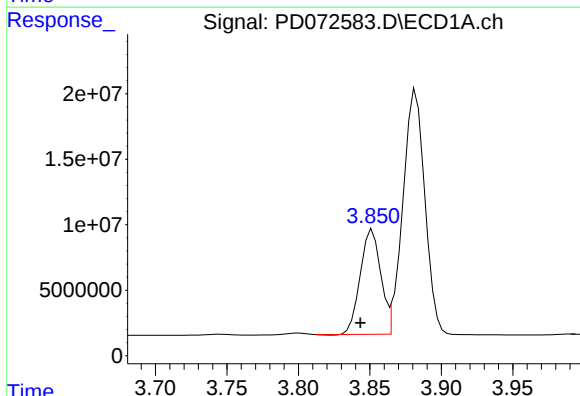
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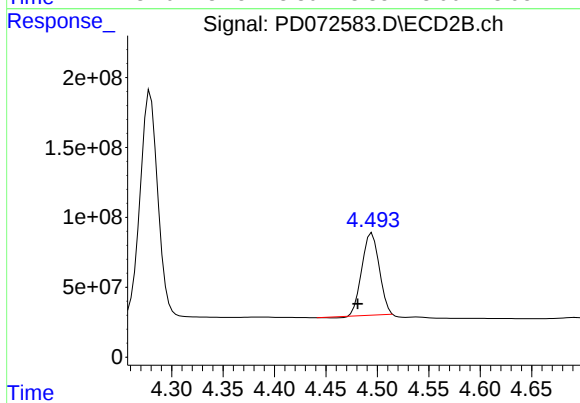
#5 Aldrin

R.T.: 5.185 min  
Delta R.T.: 0.014 min  
Response: 1098087102  
Conc: 52.07 ng/ml



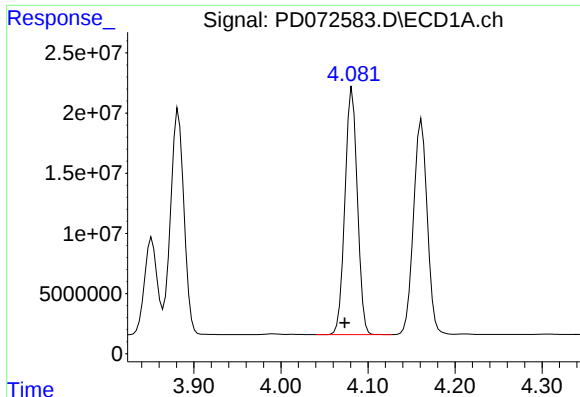
#6 beta-BHC

R.T.: 3.852 min  
Delta R.T.: 0.008 min  
Response: 79551147  
Conc: 56.91 ng/ml



#6 beta-BHC

R.T.: 4.495 min  
Delta R.T.: 0.014 min  
Response: 686969959  
Conc: 48.33 ng/ml



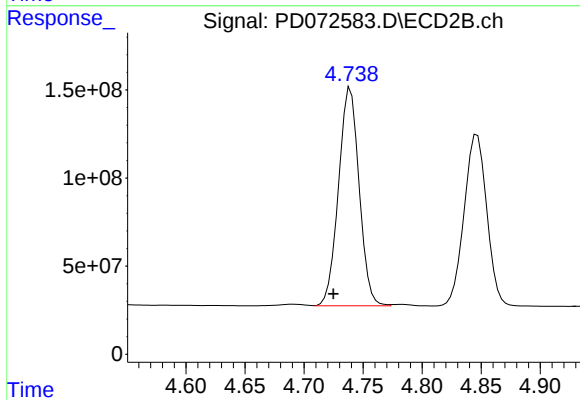
#7 delta-BHC

R.T.: 4.082 min  
Delta R.T.: 0.009 min  
Response: 202462123  
Conc: 56.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

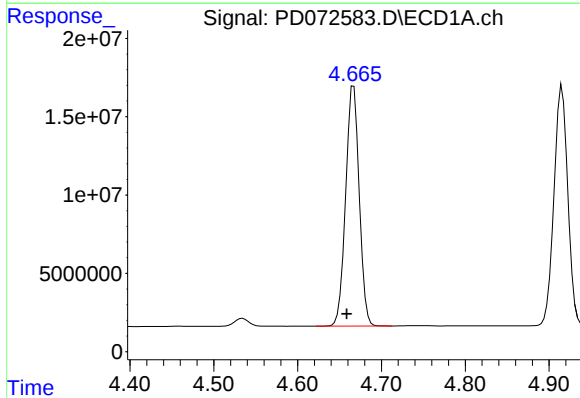
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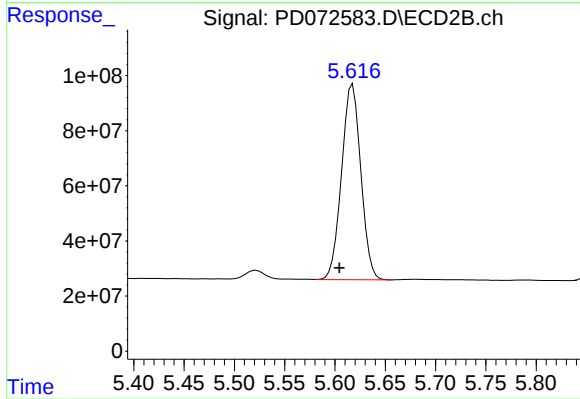
#7 delta-BHC

R.T.: 4.739 min  
Delta R.T.: 0.014 min  
Response: 1505394279  
Conc: 53.15 ng/ml



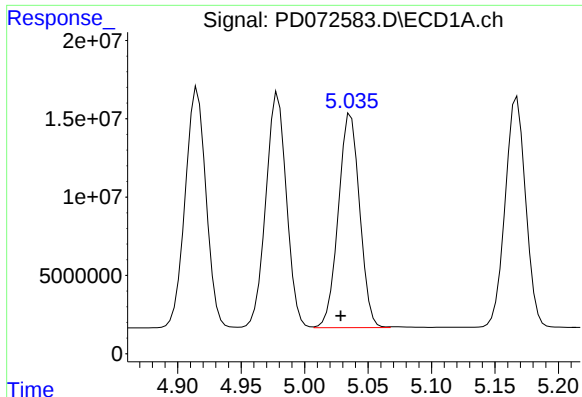
#8 Heptachlor epoxide

R.T.: 4.667 min  
Delta R.T.: 0.008 min  
Response: 172686055  
Conc: 56.25 ng/ml



#8 Heptachlor epoxide

R.T.: 5.618 min  
Delta R.T.: 0.013 min  
Response: 942564720  
Conc: 54.17 ng/ml



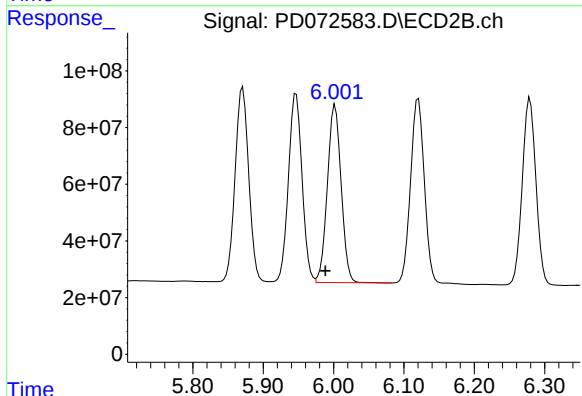
#9 Endosulfan I

R.T.: 5.036 min  
Delta R.T.: 0.008 min  
Response: 159757880  
Conc: 55.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

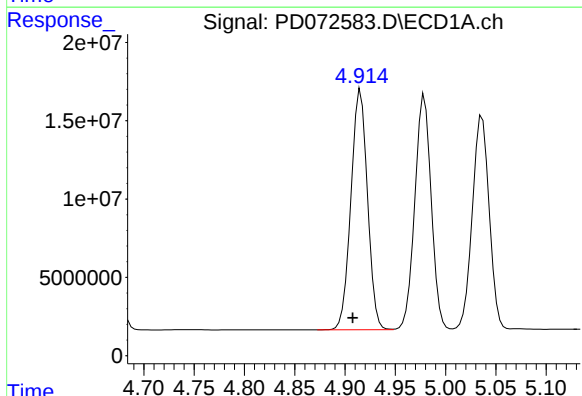
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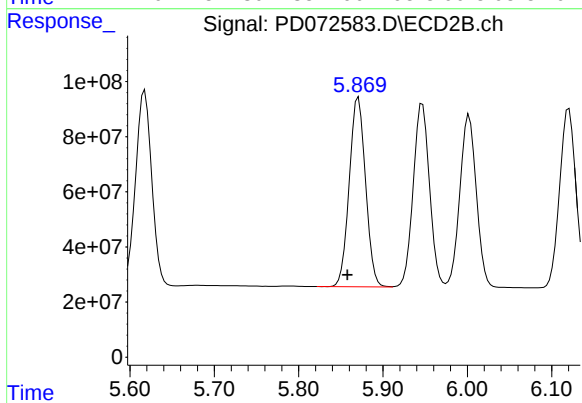
#9 Endosulfan I

R.T.: 6.002 min  
Delta R.T.: 0.014 min  
Response: 852609880  
Conc: 55.89 ng/ml



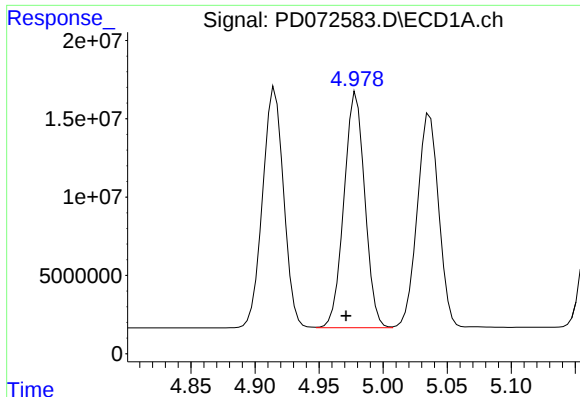
#10 gamma-Chlordane

R.T.: 4.915 min  
Delta R.T.: 0.008 min  
Response: 175200577  
Conc: 55.27 ng/ml



#10 gamma-Chlordane

R.T.: 5.871 min  
Delta R.T.: 0.013 min  
Response: 923817538  
Conc: 56.07 ng/ml



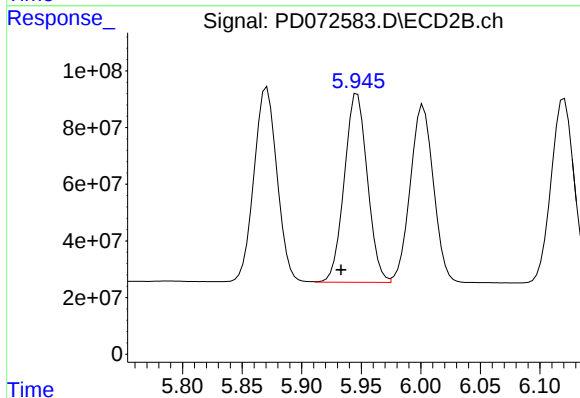
#11 alpha-Chlordane

R.T.: 4.979 min  
Delta R.T.: 0.008 min  
Response: 169892965  
Conc: 54.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

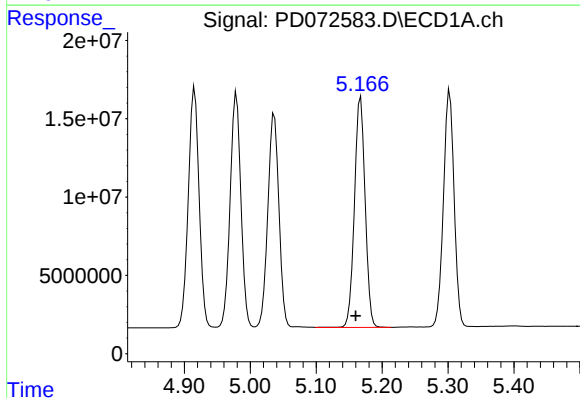
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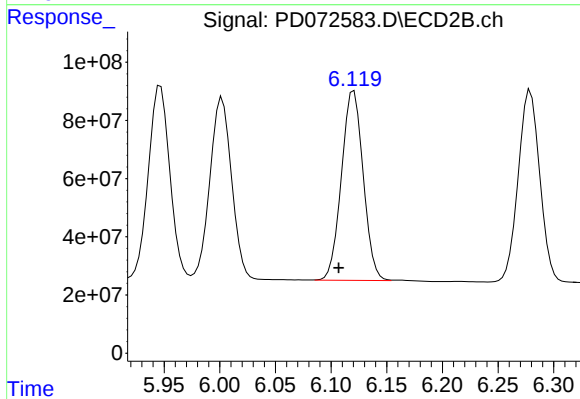
#11 alpha-Chlordane

R.T.: 5.947 min  
Delta R.T.: 0.014 min  
Response: 897262641  
Conc: 55.60 ng/ml



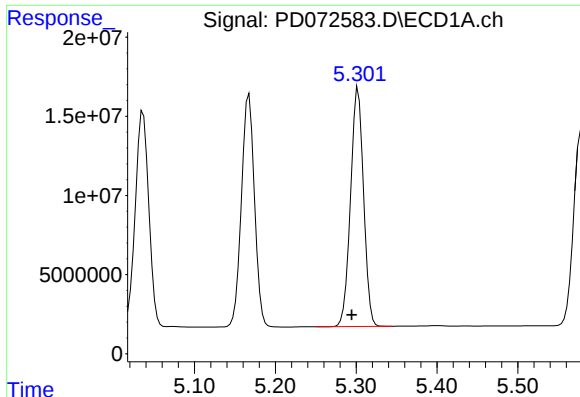
#12 4,4'-DDE

R.T.: 5.167 min  
Delta R.T.: 0.008 min  
Response: 166085861  
Conc: 55.60 ng/ml



#12 4,4'-DDE

R.T.: 6.119 min  
Delta R.T.: 0.012 min  
Response: 885728283  
Conc: 57.88 ng/ml m



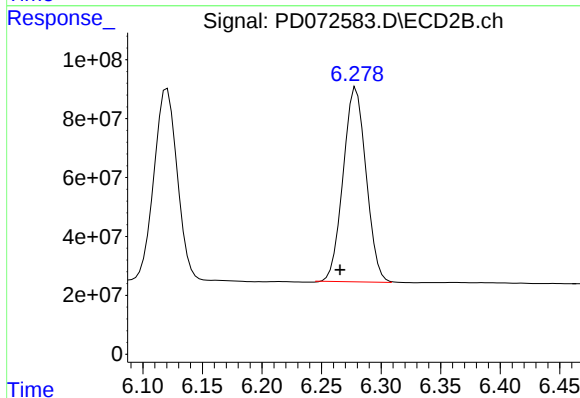
#13 Dieldrin

R.T.: 5.302 min  
Delta R.T.: 0.008 min  
Response: 168886172  
Conc: 55.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

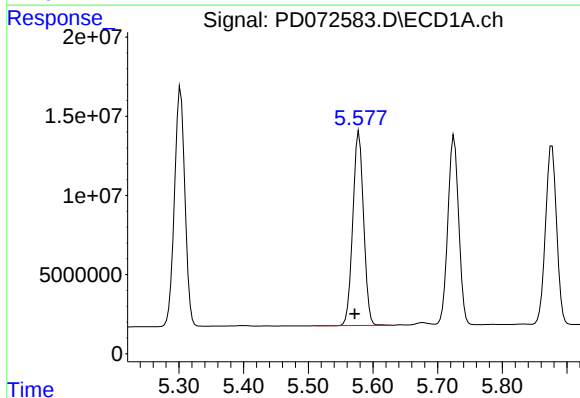
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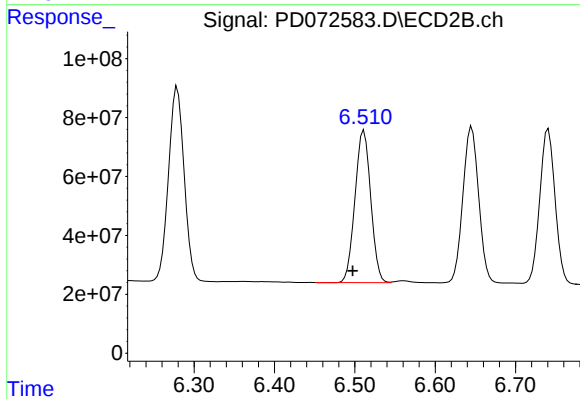
#13 Dieldrin

R.T.: 6.278 min  
Delta R.T.: 0.012 min  
Response: 883253863  
Conc: 55.89 ng/ml m



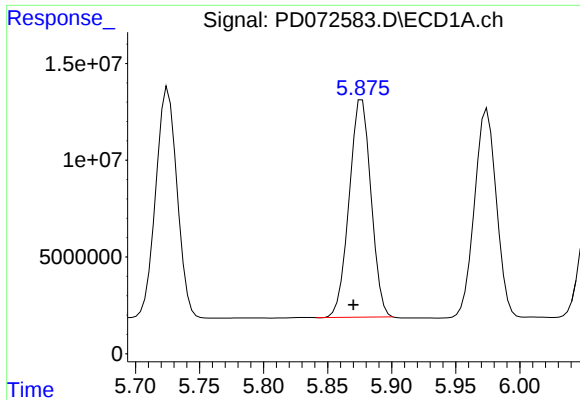
#14 Endrin

R.T.: 5.579 min  
Delta R.T.: 0.007 min  
Response: 142379362  
Conc: 52.44 ng/ml



#14 Endrin

R.T.: 6.511 min  
Delta R.T.: 0.014 min  
Response: 702992771  
Conc: 52.64 ng/ml



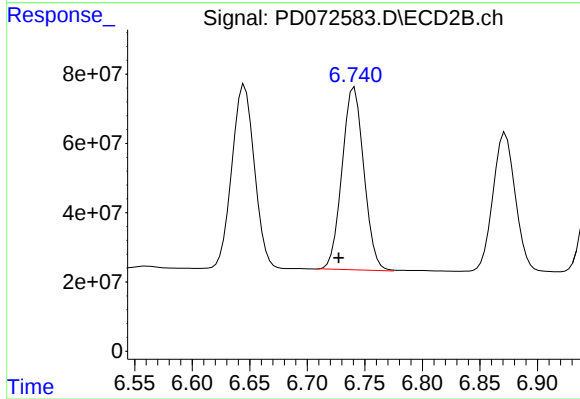
#15 Endosulfan II

R.T.: 5.877 min  
Delta R.T.: 0.007 min  
Response: 133375122  
Conc: 54.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

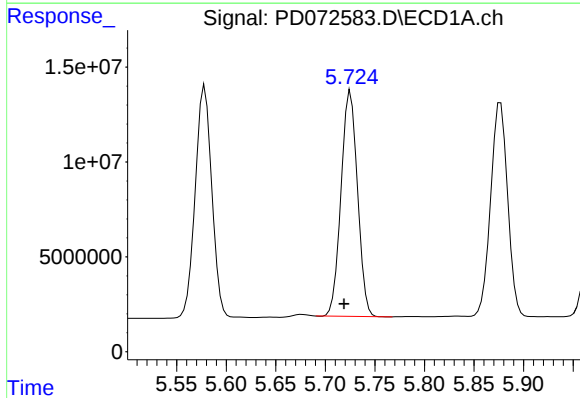
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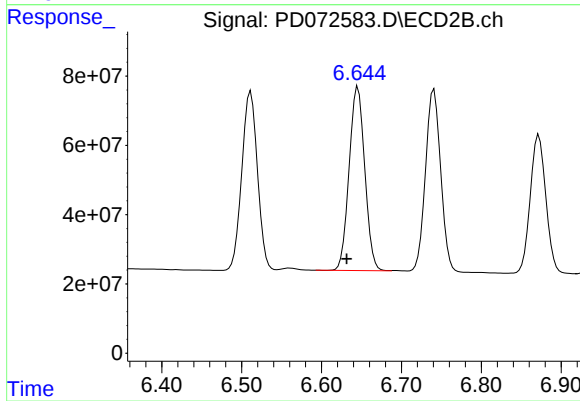
#15 Endosulfan II

R.T.: 6.739 min  
Delta R.T.: 0.012 min  
Response: 697308599  
Conc: 56.73 ng/ml m



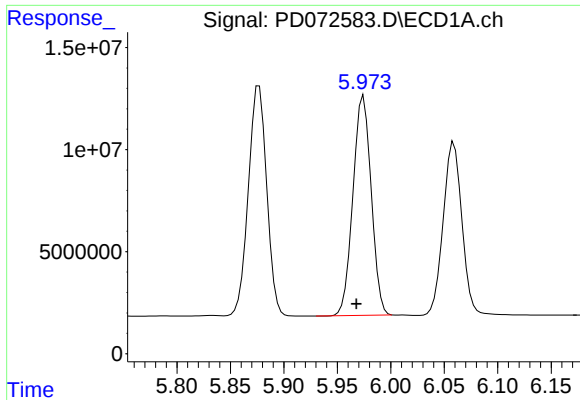
#16 4,4'-DDD

R.T.: 5.725 min  
Delta R.T.: 0.006 min  
Response: 137265990  
Conc: 55.94 ng/ml



#16 4,4'-DDD

R.T.: 6.646 min  
Delta R.T.: 0.014 min  
Response: 723017848  
Conc: 58.68 ng/ml



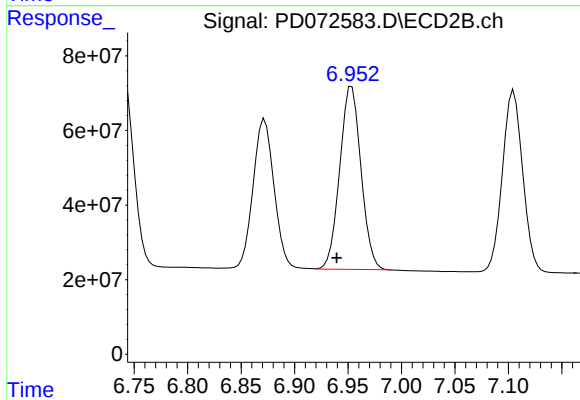
#17 4,4'-DDT

R.T.: 5.975 min  
Delta R.T.: 0.007 min  
Response: 127800297  
Conc: 54.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

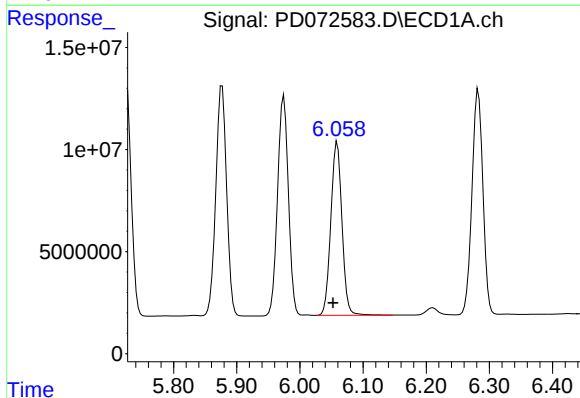
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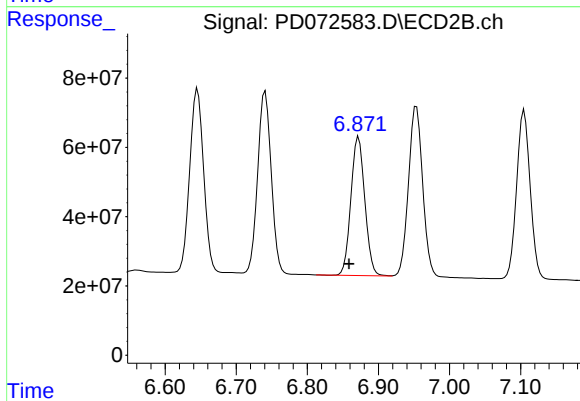
#17 4,4'-DDT

R.T.: 6.953 min  
Delta R.T.: 0.014 min  
Response: 680096454  
Conc: 57.05 ng/ml



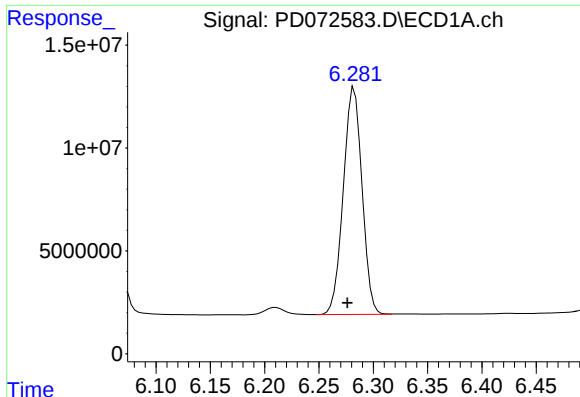
#18 Endrin aldehyde

R.T.: 6.059 min  
Delta R.T.: 0.007 min  
Response: 104189238  
Conc: 52.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.872 min  
Delta R.T.: 0.013 min  
Response: 545828555  
Conc: 56.55 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.283 min  
Delta R.T.: 0.006 min  
Response: 132632631  
Conc: 52.75 ng/ml

Instrument :

ECD\_D

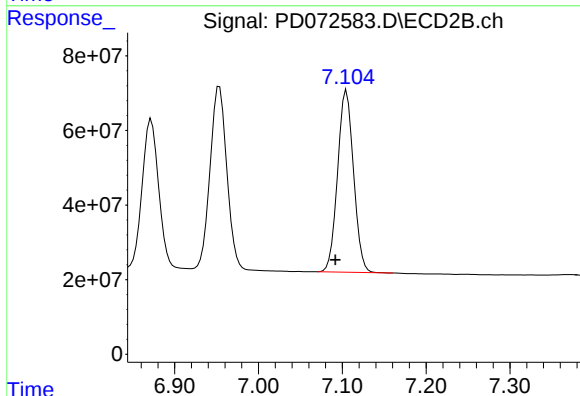
ClientSampleId :

PSTDCCC050

Manual Integrations

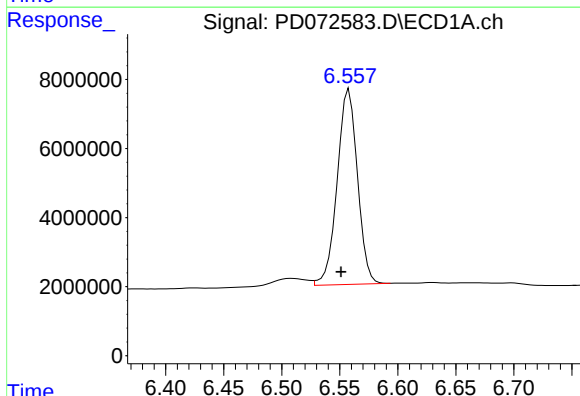
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Supervised By :Ankita Jodhani 10/25/2022



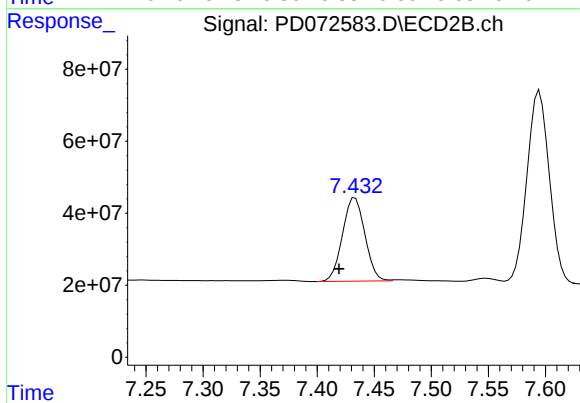
#19 Endosulfan Sulfate

R.T.: 7.105 min  
Delta R.T.: 0.013 min  
Response: 645060710  
Conc: 56.91 ng/ml



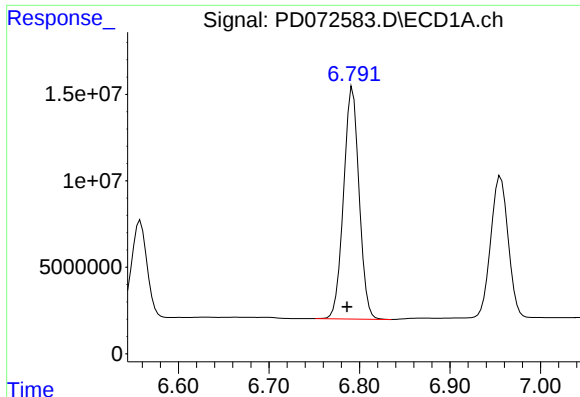
#20 Methoxychlor

R.T.: 6.558 min  
Delta R.T.: 0.007 min  
Response: 68817597  
Conc: 51.15 ng/ml



#20 Methoxychlor

R.T.: 7.433 min  
Delta R.T.: 0.014 min  
Response: 316397949  
Conc: 53.43 ng/ml



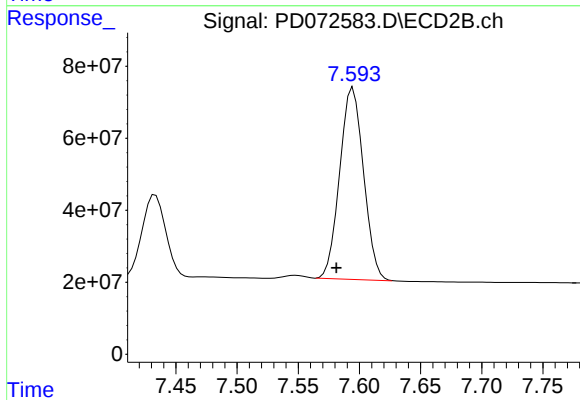
#21 Endrin ketone

R.T.: 6.793 min  
Delta R.T.: 0.006 min  
Response: 159945265  
Conc: 53.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

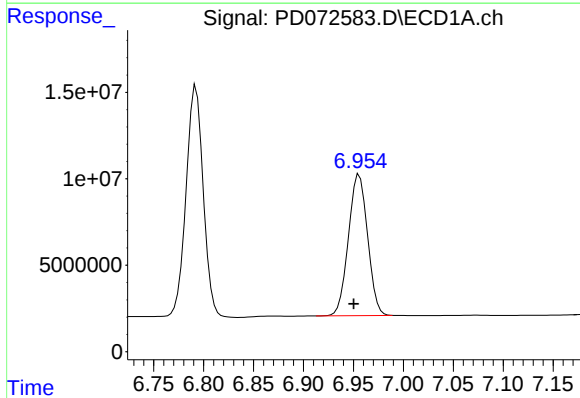
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/25/2022  
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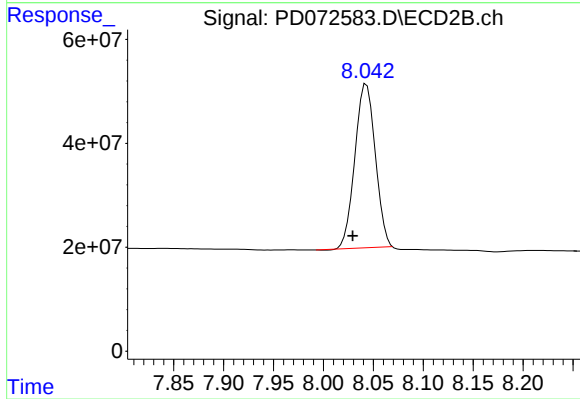
#21 Endrin ketone

R.T.: 7.593 min  
Delta R.T.: 0.012 min  
Response: 723117157  
Conc: 57.95 ng/ml m



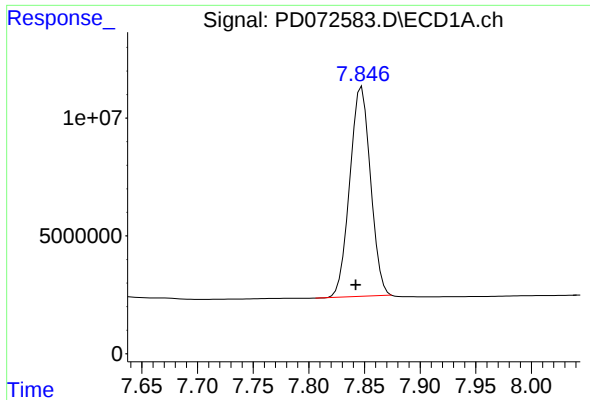
#22 Mirex

R.T.: 6.956 min  
Delta R.T.: 0.005 min  
Response: 109238461  
Conc: 51.36 ng/ml



#22 Mirex

R.T.: 8.043 min  
Delta R.T.: 0.014 min  
Response: 449117082  
Conc: 54.03 ng/ml



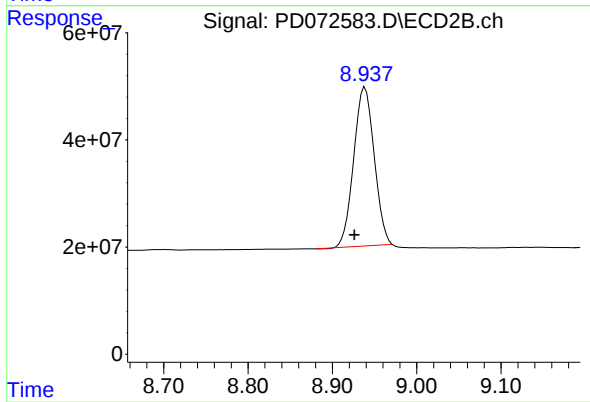
#28 Decachlorobiphenyl

R.T.: 7.848 min  
Delta R.T.: 0.006 min  
Response: 115499305  
Conc: 51.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.939 min  
Delta R.T.: 0.013 min  
Response: 500631234  
Conc: 55.64 ng/ml