

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020924\  
 Data File : PD081252.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Feb 2024 09:33  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 02/12/2024  
 Supervised By : Ankita Jodhani 02/12/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 09 21:39:15 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 11:14:56 2024  
 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... | 3.566 | 2.795 | 74332562 | 131.4E6  | 52.363  | 54.914  |
| 28)                         | SA Decachlor... | 9.112 | 7.931 | 95501057 | 131.8E6  | 47.455  | 49.487  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.023 | 3.296 | 130.3E6  | 209.3E6  | 52.466  | 54.543  |
| 3)                          | MA gamma-BHC... | 4.356 | 3.625 | 128.3E6  | 201.4E6  | 52.420  | 53.860  |
| 4)                          | MA Heptachlor   | 4.949 | 3.965 | 124.9E6  | 182.1E6  | 50.627  | 52.813  |
| 5)                          | MB Aldrin       | 5.292 | 4.245 | 127.2E6  | 193.9E6  | 51.838  | 53.240m |
| 6)                          | B beta-BHC      | 4.550 | 3.920 | 52047146 | 81997681 | 51.438  | 52.475  |
| 7)                          | B delta-BHC     | 4.800 | 4.149 | 133.0E6  | 206.0E6  | 53.015  | 54.894m |
| 8)                          | B Heptachlo...  | 5.717 | 4.747 | 114.0E6  | 171.8E6  | 50.889m | 51.289  |
| 9)                          | A Endosulfan I  | 6.105 | 5.117 | 106.7E6  | 151.8E6  | 51.422  | 49.556  |
| 10)                         | B gamma-Chl...  | 5.973 | 4.997 | 111.5E6  | 170.1E6  | 50.947m | 51.995  |
| 11)                         | B alpha-Chl...  | 6.054 | 5.061 | 112.9E6  | 167.7E6  | 51.834  | 51.297  |
| 12)                         | B 4,4'-DDE      | 6.226 | 5.248 | 105.4E6  | 160.2E6  | 51.791  | 52.292m |
| 13)                         | MA Dieldrin     | 6.381 | 5.381 | 113.0E6  | 176.3E6  | 51.119  | 51.840  |
| 14)                         | MA Endrin       | 6.611 | 5.657 | 91222199 | 152.4E6  | 48.841  | 51.422  |
| 15)                         | B Endosulfa...  | 6.829 | 5.950 | 96823119 | 150.1E6  | 50.001  | 52.194  |
| 16)                         | A 4,4'-DDD      | 6.742 | 5.803 | 85373616 | 139.1E6  | 51.958  | 52.975  |
| 17)                         | MA 4,4'-DDT     | 7.057 | 6.054 | 83498146 | 129.4E6  | 46.886  | 48.783  |
| 18)                         | B Endrin al...  | 6.959 | 6.129 | 73587474 | 113.4E6  | 48.376  | 50.309  |
| 19)                         | B Endosulfa...  | 7.193 | 6.351 | 93230470 | 144.1E6  | 49.101  | 51.663  |
| 20)                         | A Methoxychlor  | 7.532 | 6.629 | 46324499 | 71100473 | 45.007  | 45.424  |
| 21)                         | B Endrin ke...  | 7.680 | 6.857 | 107.1E6  | 171.5E6  | 51.237  | 53.140  |
| 22)                         | Mirex           | 8.157 | 7.040 | 78026599 | 125.7E6  | 47.307  | 49.878  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020924\  
Data File : PD081252.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Feb 2024 09:33  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

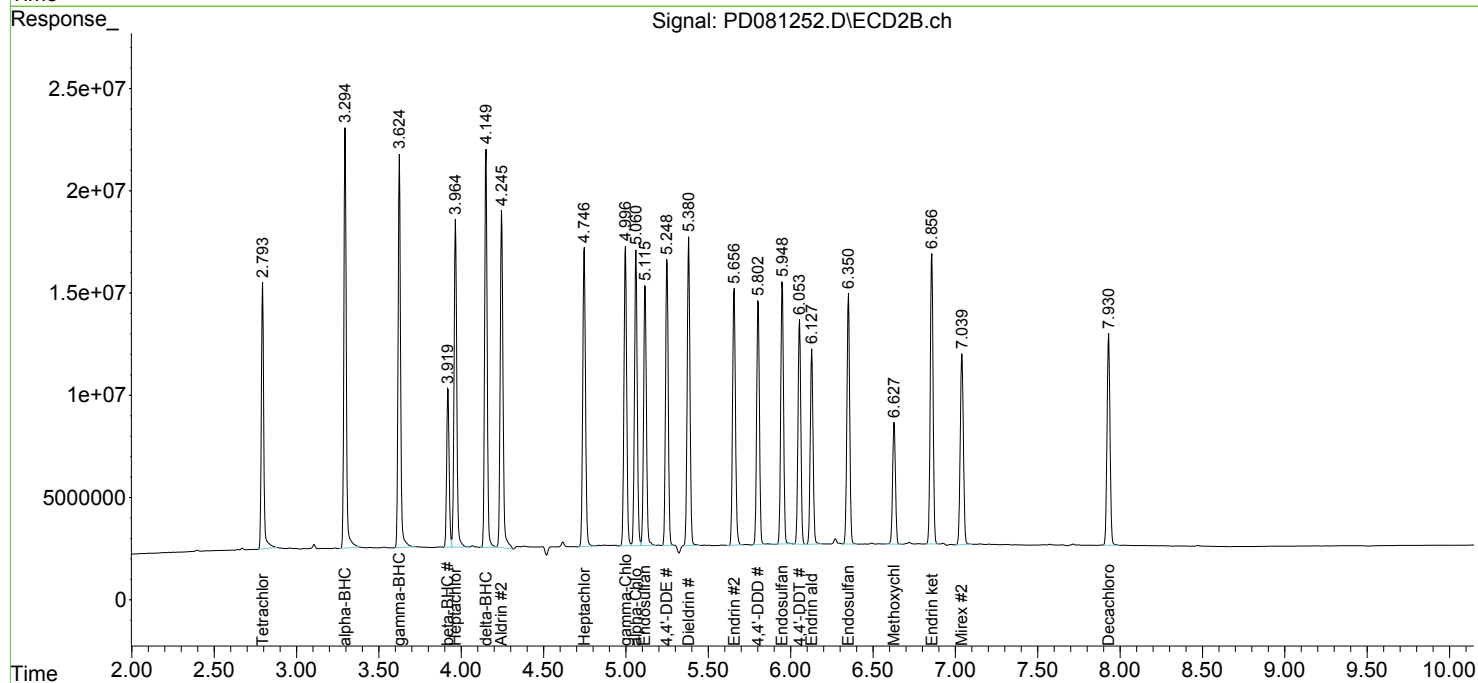
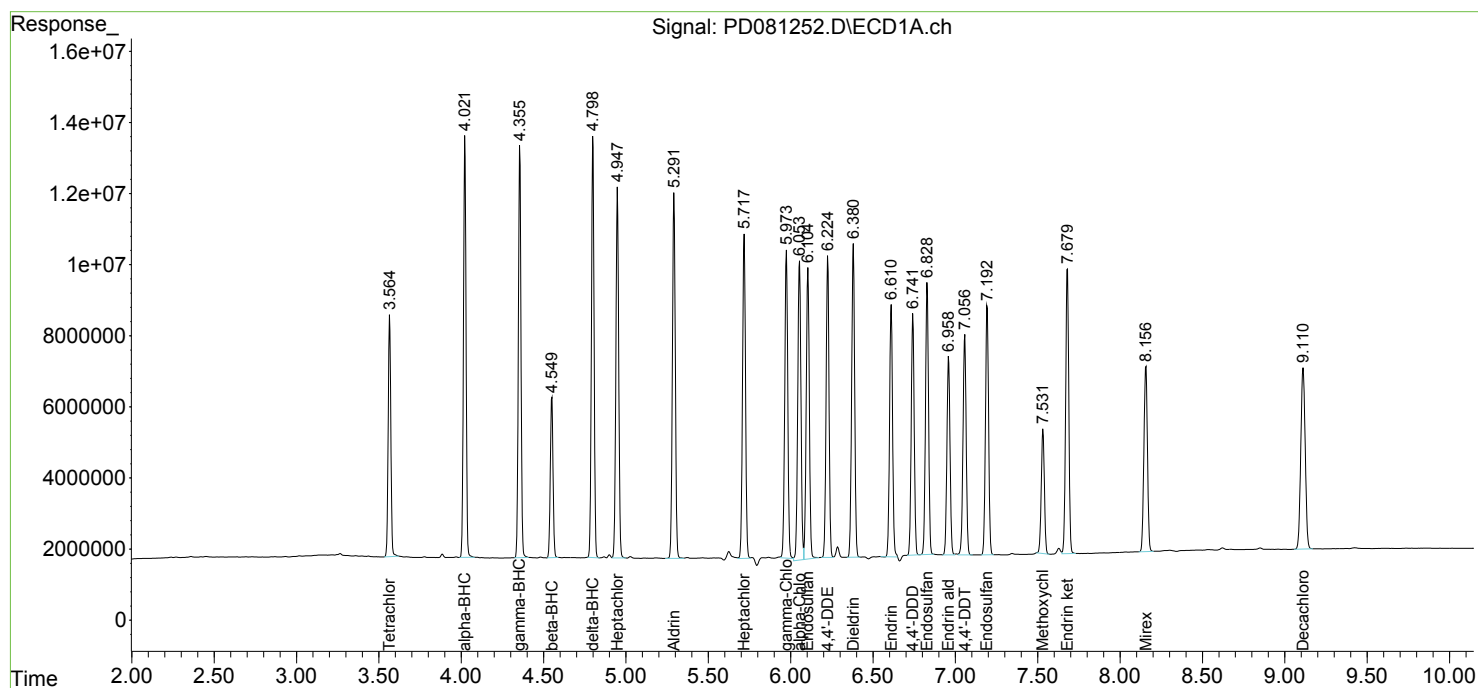
## APPROVED

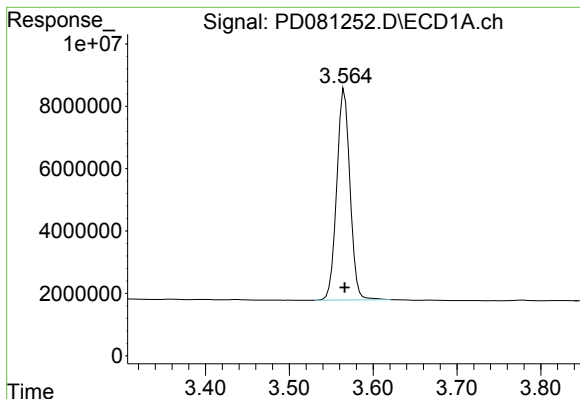
Reviewed By :Abdul Mirza 02/12/2024

Supervised By :Ankita Jodhani 02/12/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 09 21:39:15 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 25 11:14:56 2024  
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.: 3.566 min  
Delta R.T.: 0.000 min  
Response: 74332562  
Conc: 52.36 ng/ml

Instrument :

ECD\_D

ClientSampleId :

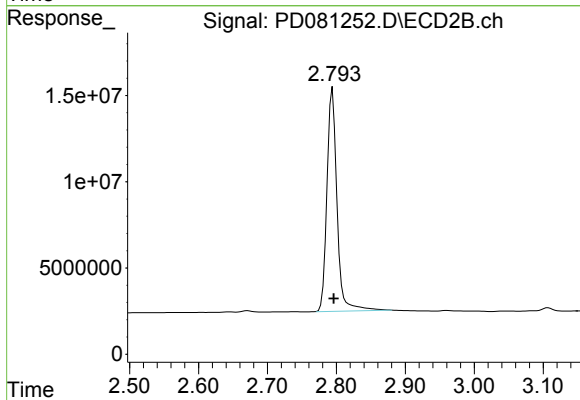
PSTDCCC050

Manual Integrations

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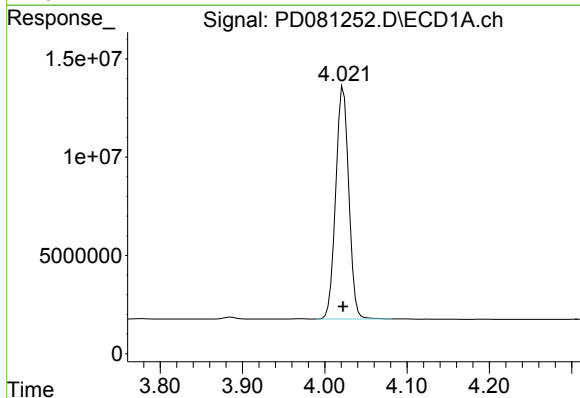
Reviewed By :Abdul Mirza 02/12/2024

Supervised By :Ankita Jodhani 02/12/2024



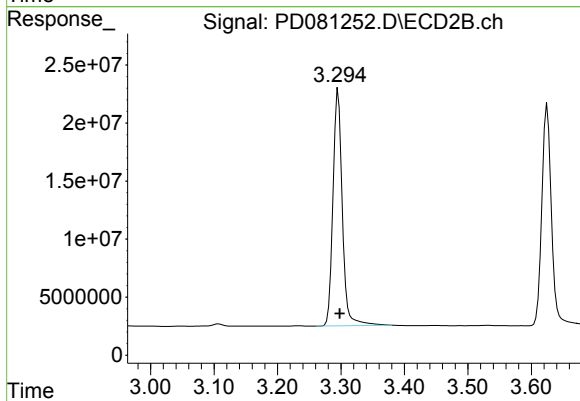
#1 Tetrachloro-m-xylene

R.T.: 2.795 min  
Delta R.T.: -0.002 min  
Response: 131362296  
Conc: 54.91 ng/ml



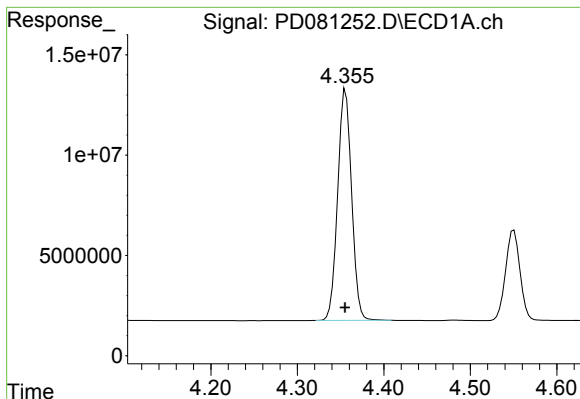
#2 alpha-BHC

R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 130317148  
Conc: 52.47 ng/ml



#2 alpha-BHC

R.T.: 3.296 min  
Delta R.T.: -0.002 min  
Response: 209285046  
Conc: 54.54 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.356 min  
Delta R.T.: 0.000 min  
Response: 128302902  
Conc: 52.42 ng/ml

Instrument :

ECD\_D

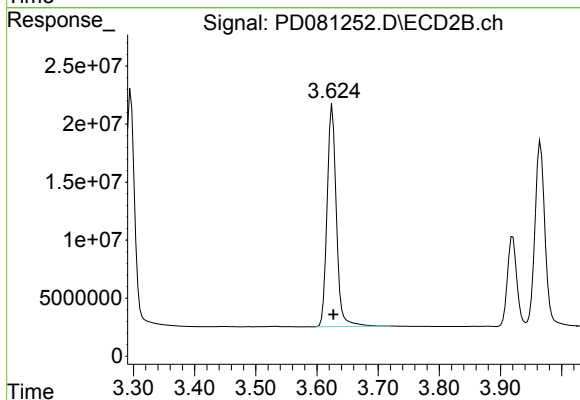
ClientSampleId :

PSTDCCC050

Manual Integrations

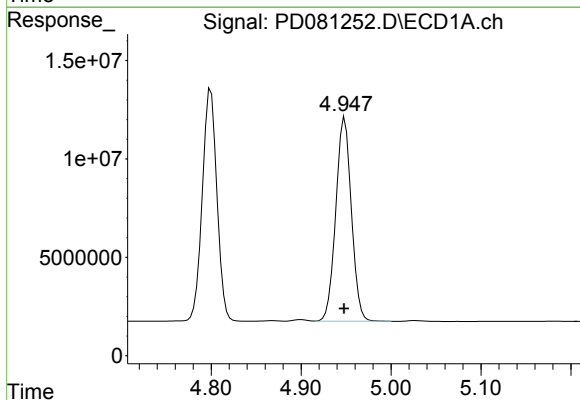
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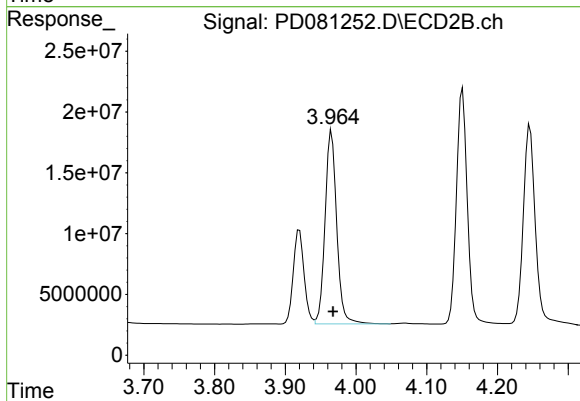
#3 gamma-BHC (Lindane)

R.T.: 3.625 min  
Delta R.T.: -0.002 min  
Response: 201378929  
Conc: 53.86 ng/ml



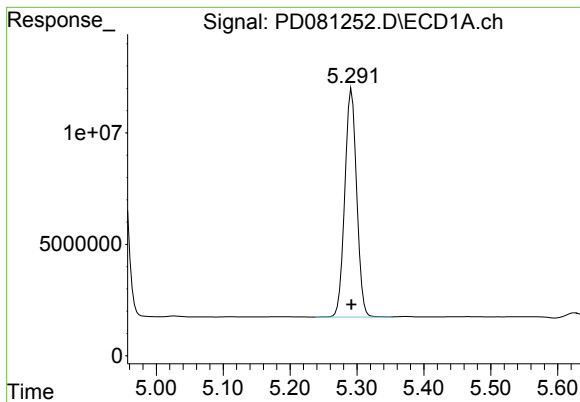
#4 Heptachlor

R.T.: 4.949 min  
Delta R.T.: 0.000 min  
Response: 124863999  
Conc: 50.63 ng/ml



#4 Heptachlor

R.T.: 3.965 min  
Delta R.T.: -0.002 min  
Response: 182104416  
Conc: 52.81 ng/ml



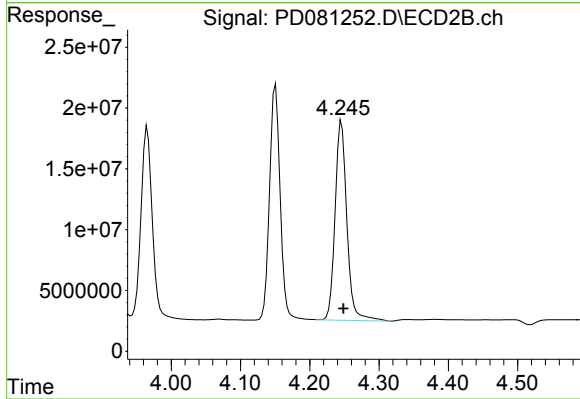
#5 Aldrin

R.T.: 5.292 min  
Delta R.T.: 0.000 min  
Response: 127242499  
Conc: 51.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

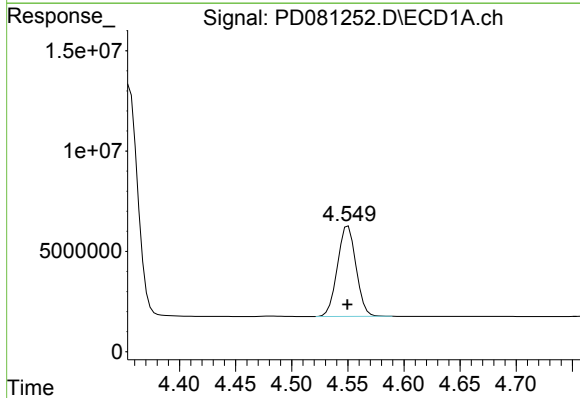
Manual Integrations  
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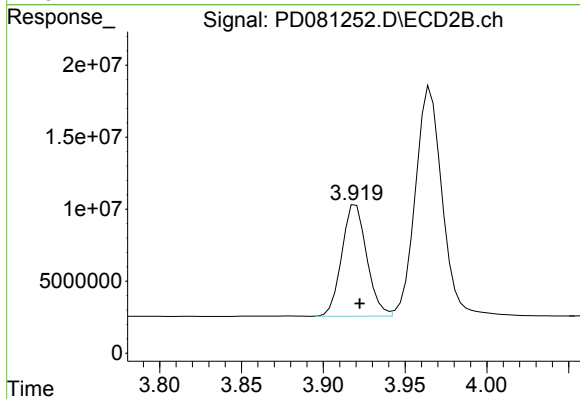
#5 Aldrin

R.T.: 4.245 min  
Delta R.T.: -0.004 min  
Response: 193899444  
Conc: 53.24 ng/ml m



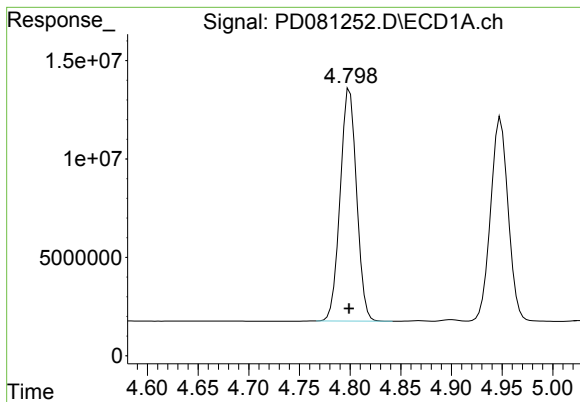
#6 beta-BHC

R.T.: 4.550 min  
Delta R.T.: 0.000 min  
Response: 52047146  
Conc: 51.44 ng/ml



#6 beta-BHC

R.T.: 3.920 min  
Delta R.T.: -0.002 min  
Response: 81997681  
Conc: 52.48 ng/ml



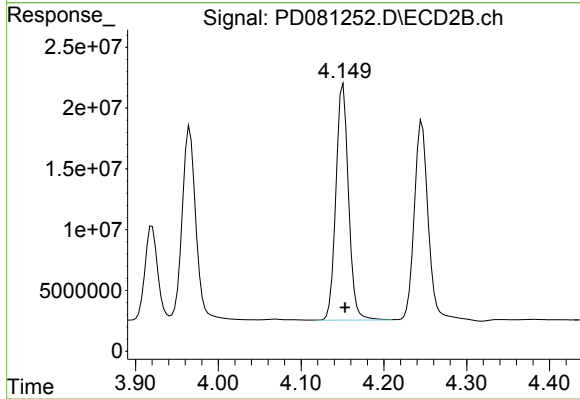
#7 delta-BHC

R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 133004225  
Conc: 53.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

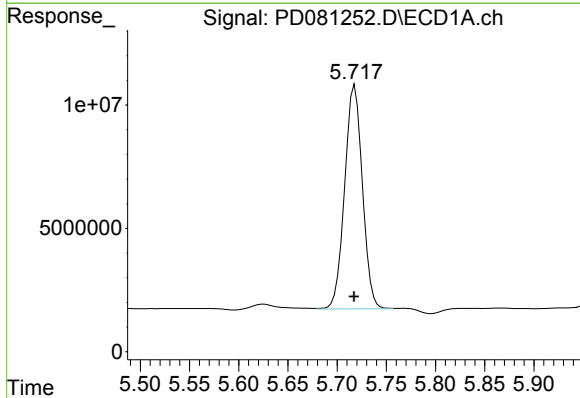
Manual Integrations  
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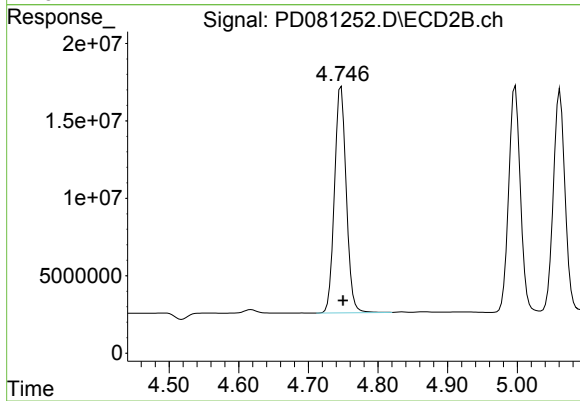
#7 delta-BHC

R.T.: 4.149 min  
Delta R.T.: -0.004 min  
Response: 206018169  
Conc: 54.89 ng/ml m



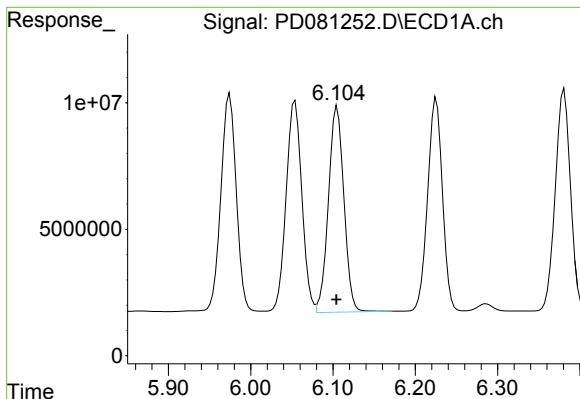
#8 Heptachlor epoxide

R.T.: 5.717 min  
Delta R.T.: 0.000 min  
Response: 113950359  
Conc: 50.89 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.747 min  
Delta R.T.: -0.003 min  
Response: 171792840  
Conc: 51.29 ng/ml



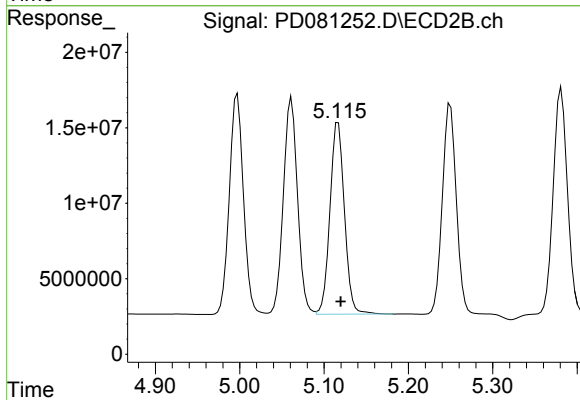
#9 Endosulfan I

R.T.: 6.105 min  
Delta R.T.: 0.001 min  
Response: 106653186  
Conc: 51.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

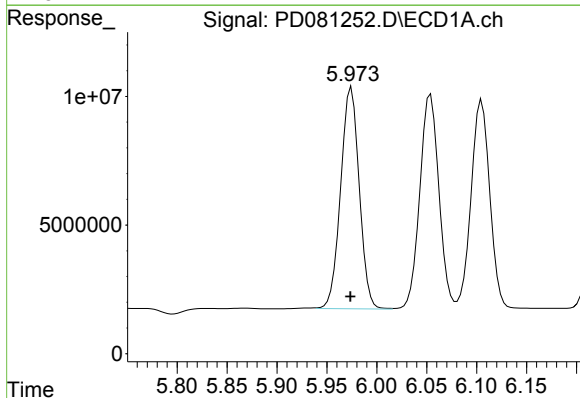
Manual Integrations  
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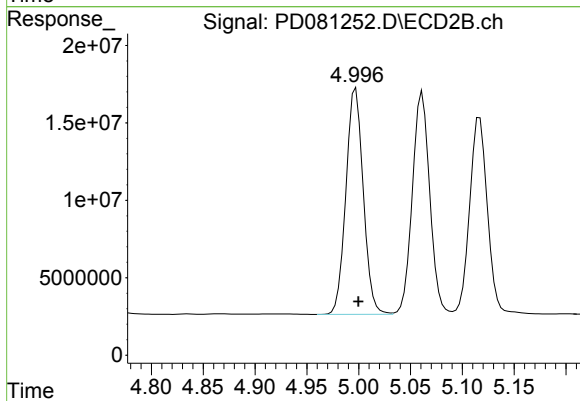
#9 Endosulfan I

R.T.: 5.117 min  
Delta R.T.: -0.003 min  
Response: 151777520  
Conc: 49.56 ng/ml



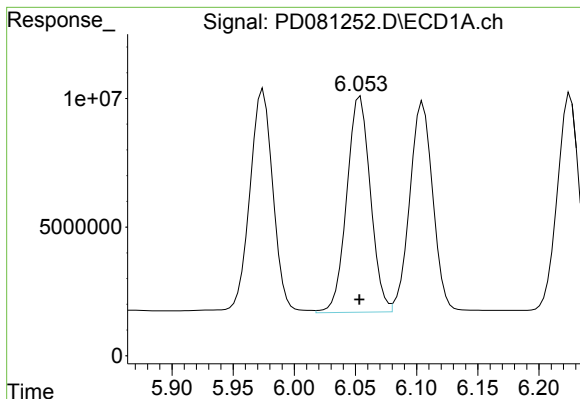
#10 gamma-Chlordane

R.T.: 5.973 min  
Delta R.T.: 0.000 min  
Response: 111529625  
Conc: 50.95 ng/ml m



#10 gamma-Chlordane

R.T.: 4.997 min  
Delta R.T.: -0.002 min  
Response: 170075004  
Conc: 51.99 ng/ml



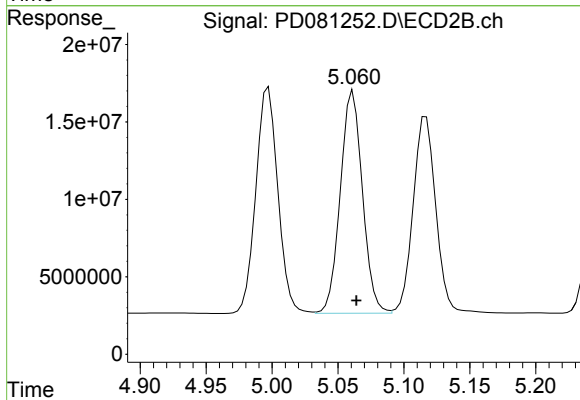
#11 alpha-Chlordane

R.T.: 6.054 min  
Delta R.T.: 0.000 min  
Response: 112864308  
Conc: 51.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

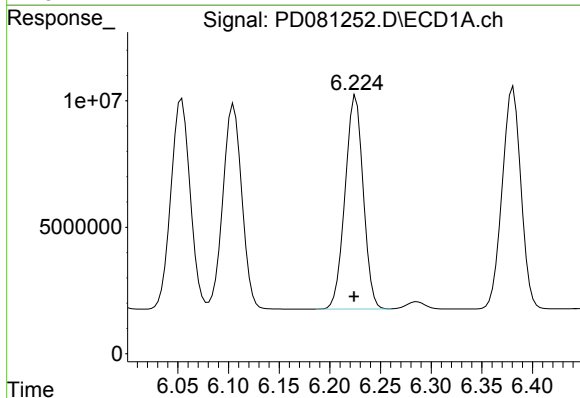
Manual Integrations  
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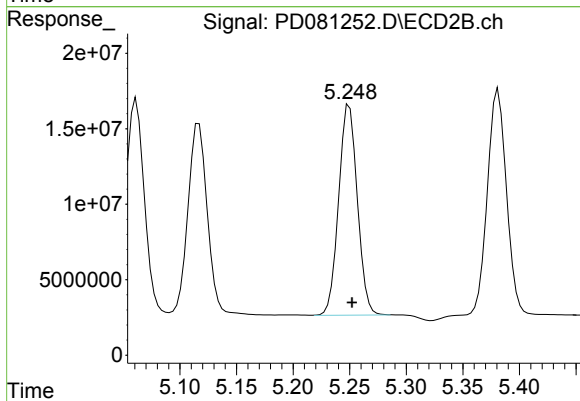
#11 alpha-Chlordane

R.T.: 5.061 min  
Delta R.T.: -0.003 min  
Response: 167718838  
Conc: 51.30 ng/ml



#12 4,4'-DDE

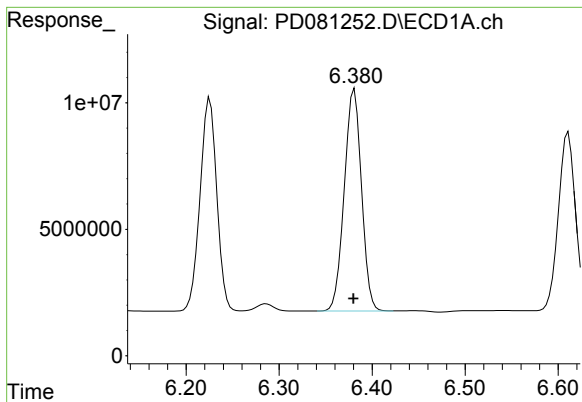
R.T.: 6.226 min  
Delta R.T.: 0.002 min  
Response: 105387749  
Conc: 51.79 ng/ml



#12 4,4'-DDE

R.T.: 5.248 min  
Delta R.T.: -0.004 min  
Response: 160183409  
Conc: 52.29 ng/ml m





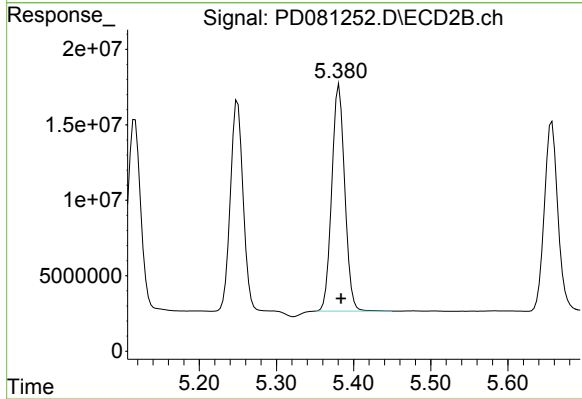
#13 Dieldrin

R.T.: 6.381 min  
Delta R.T.: 0.000 min  
Response: 112957299  
Conc: 51.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

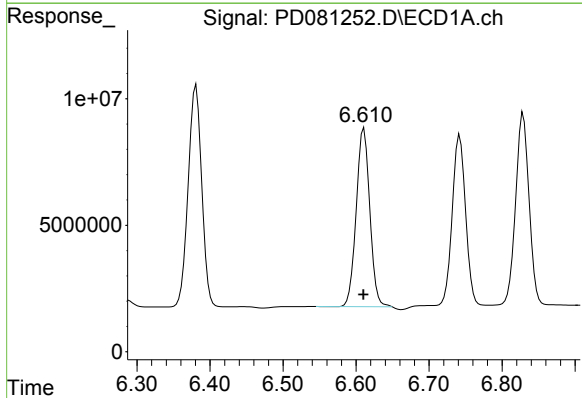
Manual Integrations  
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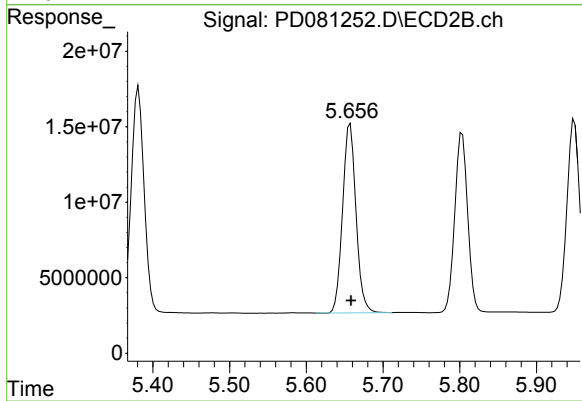
#13 Dieldrin

R.T.: 5.381 min  
Delta R.T.: -0.003 min  
Response: 176296204  
Conc: 51.84 ng/ml



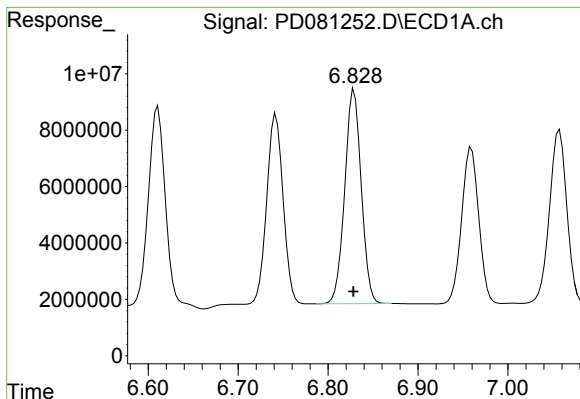
#14 Endrin

R.T.: 6.611 min  
Delta R.T.: 0.000 min  
Response: 91222199  
Conc: 48.84 ng/ml



#14 Endrin

R.T.: 5.657 min  
Delta R.T.: -0.001 min  
Response: 152384195  
Conc: 51.42 ng/ml



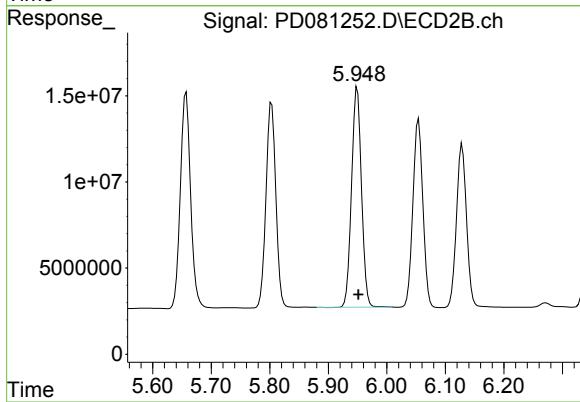
#15 Endosulfan II

R.T.: 6.829 min  
Delta R.T.: 0.000 min  
Response: 96823119  
Conc: 50.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

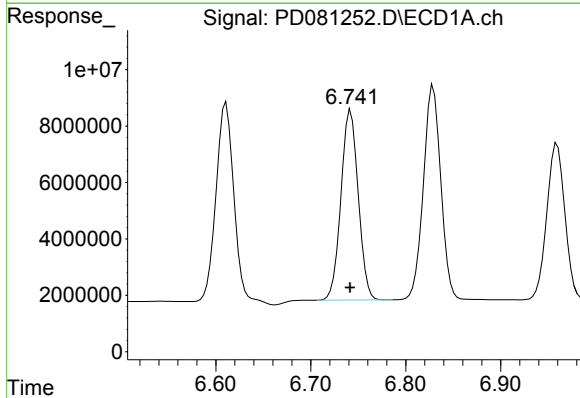
Manual Integrations  
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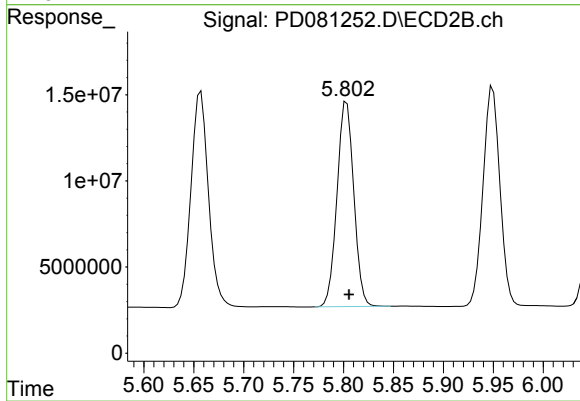
#15 Endosulfan II

R.T.: 5.950 min  
Delta R.T.: -0.002 min  
Response: 150106249  
Conc: 52.19 ng/ml



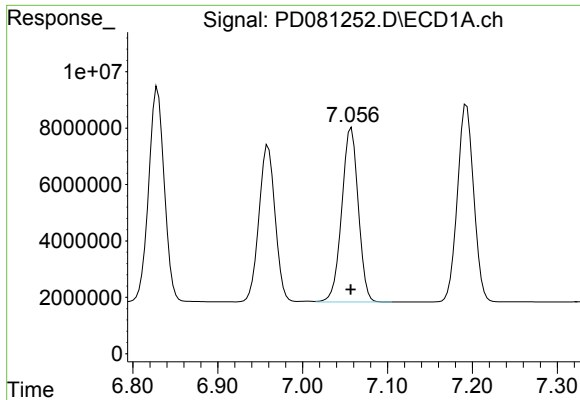
#16 4,4'-DDD

R.T.: 6.742 min  
Delta R.T.: 0.000 min  
Response: 85373616  
Conc: 51.96 ng/ml



#16 4,4'-DDD

R.T.: 5.803 min  
Delta R.T.: -0.002 min  
Response: 139072689  
Conc: 52.97 ng/ml



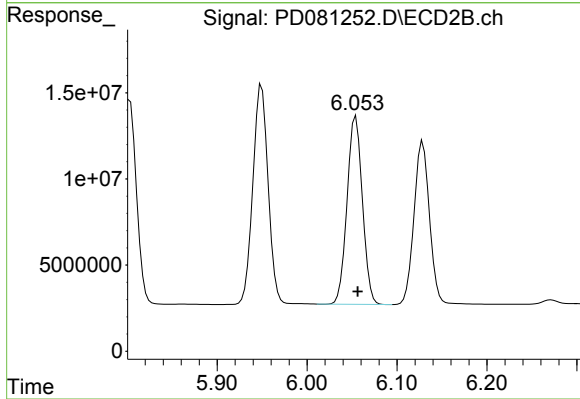
#17 4,4'-DDT

R.T.: 7.057 min  
Delta R.T.: 0.000 min  
Response: 83498146  
Conc: 46.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

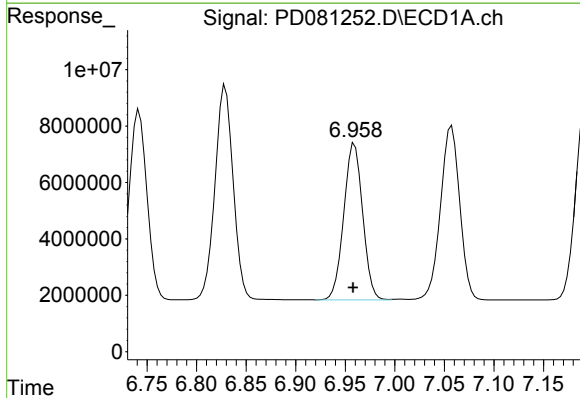
Manual Integrations  
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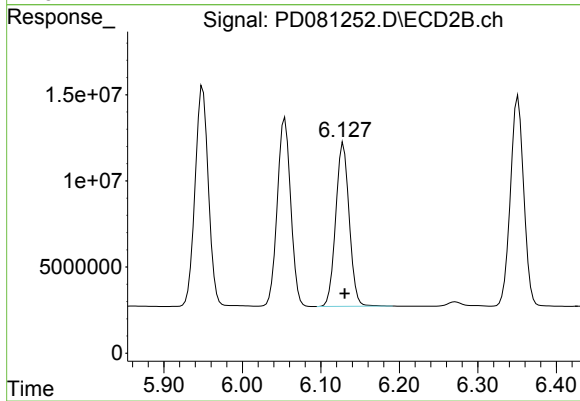
#17 4,4'-DDT

R.T.: 6.054 min  
Delta R.T.: -0.002 min  
Response: 129424149  
Conc: 48.78 ng/ml



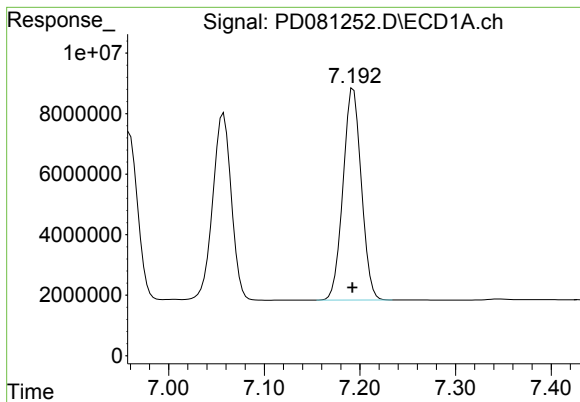
#18 Endrin aldehyde

R.T.: 6.959 min  
Delta R.T.: 0.002 min  
Response: 73587474  
Conc: 48.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.129 min  
Delta R.T.: -0.002 min  
Response: 113429343  
Conc: 50.31 ng/ml



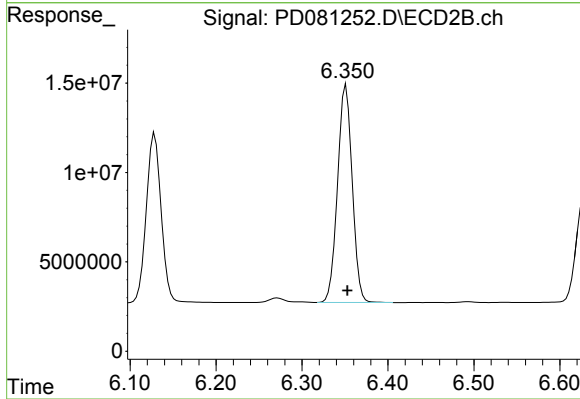
#19 Endosulfan Sulfate

R.T.: 7.193 min  
Delta R.T.: 0.001 min  
Response: 93230470  
Conc: 49.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

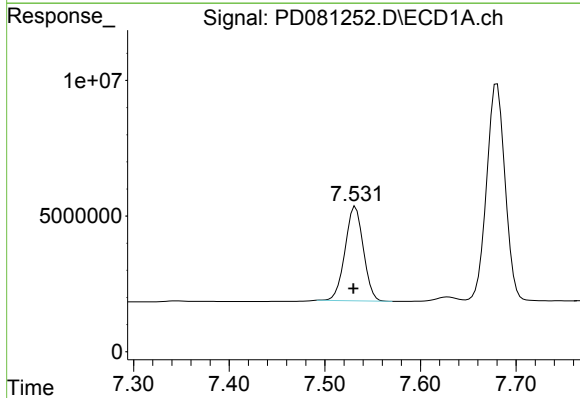
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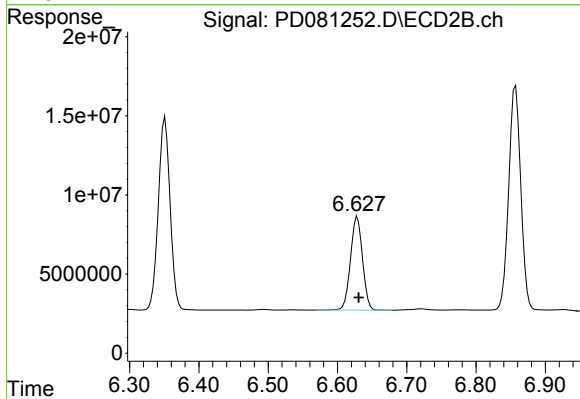
#19 Endosulfan Sulfate

R.T.: 6.351 min  
Delta R.T.: -0.002 min  
Response: 144107120  
Conc: 51.66 ng/ml



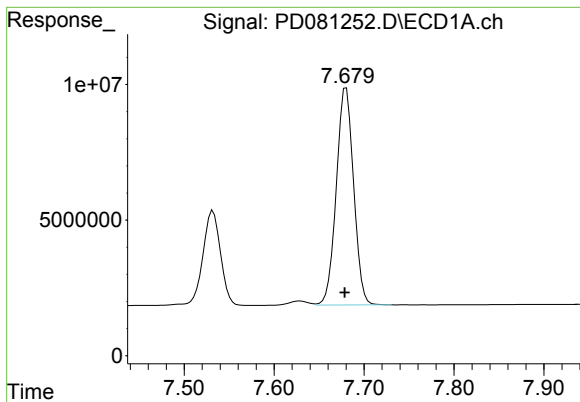
#20 Methoxychlor

R.T.: 7.532 min  
Delta R.T.: 0.002 min  
Response: 46324499  
Conc: 45.01 ng/ml



#20 Methoxychlor

R.T.: 6.629 min  
Delta R.T.: -0.002 min  
Response: 71100473  
Conc: 45.42 ng/ml



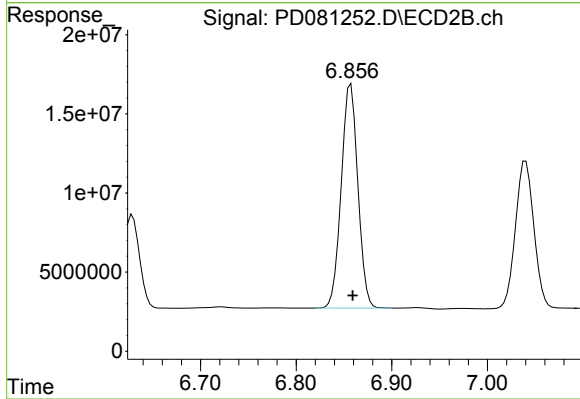
#21 Endrin ketone

R.T.: 7.680 min  
Delta R.T.: 0.002 min  
Response: 107148762  
Conc: 51.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

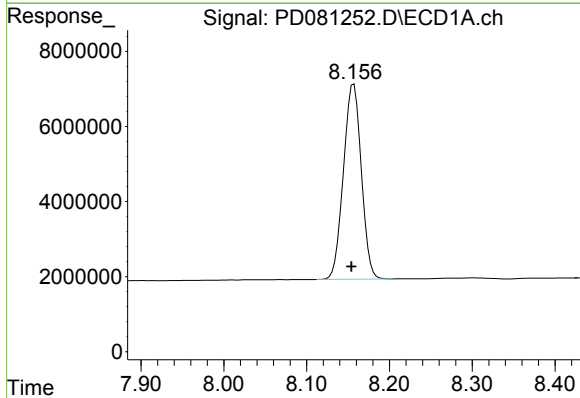
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/12/2024  
Supervised By :Ankita Jodhani 02/12/2024



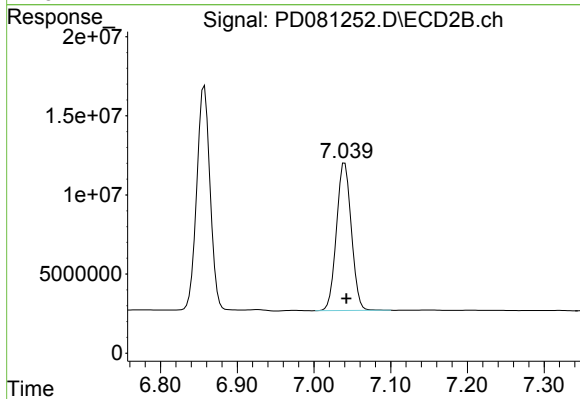
#21 Endrin ketone

R.T.: 6.857 min  
Delta R.T.: -0.002 min  
Response: 171482903  
Conc: 53.14 ng/ml



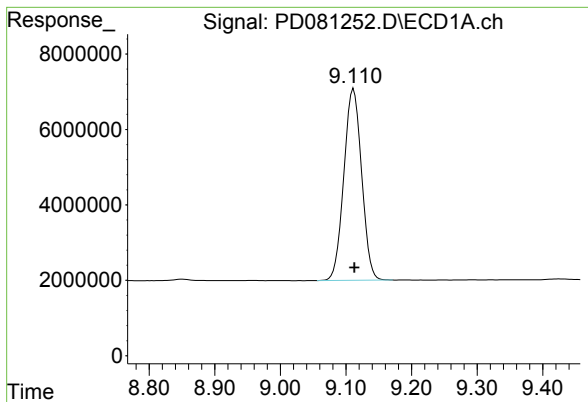
#22 Mirex

R.T.: 8.157 min  
Delta R.T.: 0.003 min  
Response: 78026599  
Conc: 47.31 ng/ml



#22 Mirex

R.T.: 7.040 min  
Delta R.T.: -0.002 min  
Response: 125690829  
Conc: 49.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.112 min  
Delta R.T.: -0.001 min  
Response: 95501057  
Conc: 47.46 ng/ml

Instrument :

ECD\_D

ClientSampleId :

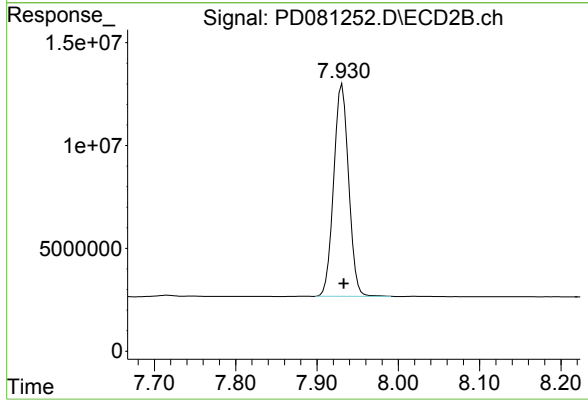
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 02/12/2024

Supervised By :Ankita Jodhani 02/12/2024



#28 Decachlorobiphenyl

R.T.: 7.931 min  
Delta R.T.: -0.002 min  
Response: 131814791  
Conc: 49.49 ng/ml