

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042123\  
 Data File : PD074862.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Apr 2023 01:00  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023  
 Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 21 05:56:29 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041823.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 18 13:17:37 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... | 3.547 | 2.768 | 125.3E6  | 62749092 | 52.525  | 48.137 |
| 28)                         | SA Decachlor... | 9.087 | 7.917 | 135.3E6  | 55320972 | 44.554  | 41.475 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.003 | 3.271 | 223.9E6  | 99457604 | 53.839  | 50.938 |
| 3)                          | MA gamma-BHC... | 4.337 | 3.601 | 203.4E6  | 93267300 | 52.408  | 51.391 |
| 4)                          | MA Heptachlor   | 4.928 | 3.942 | 207.0E6  | 92404048 | 52.913  | 49.959 |
| 5)                          | MB Aldrin       | 5.271 | 4.223 | 202.8E6  | 92579946 | 52.783  | 50.077 |
| 6)                          | B beta-BHC      | 4.531 | 3.896 | 83399492 | 40422010 | 49.715  | 49.768 |
| 7)                          | B delta-BHC     | 4.780 | 4.127 | 199.2E6  | 94500500 | 62.464  | 50.261 |
| 8)                          | B Heptachlo...  | 5.698 | 4.725 | 180.8E6  | 82344662 | 55.964  | 48.558 |
| 9)                          | A Endosulfan I  | 6.085 | 5.095 | 169.2E6  | 75365254 | 51.863  | 46.995 |
| 10)                         | B gamma-Chl...  | 5.955 | 4.976 | 184.2E6  | 84350417 | 53.120  | 48.714 |
| 11)                         | B alpha-Chl...  | 6.034 | 5.040 | 180.8E6  | 82942116 | 52.032  | 48.414 |
| 12)                         | B 4,4'-DDE      | 6.206 | 5.229 | 167.0E6  | 77564958 | 52.085  | 49.456 |
| 13)                         | MA Dieldrin     | 6.360 | 5.360 | 174.9E6  | 81588453 | 51.286  | 48.595 |
| 14)                         | MA Endrin       | 6.591 | 5.636 | 145.7E6  | 71290552 | 50.141  | 47.244 |
| 15)                         | B Endosulfa...  | 6.809 | 5.929 | 142.4E6  | 65992776 | 49.621  | 47.993 |
| 16)                         | A 4,4'-DDD      | 6.723 | 5.784 | 138.6E6  | 66048485 | 52.295  | 50.098 |
| 17)                         | MA 4,4'-DDT     | 7.038 | 6.036 | 138.1E6  | 62655389 | 47.412  | 46.391 |
| 18)                         | B Endrin al...  | 6.938 | 6.109 | 113.1E6  | 53498025 | 49.247m | 47.923 |
| 19)                         | B Endosulfa...  | 7.174 | 6.332 | 139.6E6  | 66157231 | 48.323  | 47.873 |
| 20)                         | A Methoxychlor  | 7.514 | 6.611 | 72132753 | 34712622 | 44.294  | 46.056 |
| 21)                         | B Endrin ke...  | 7.661 | 6.839 | 160.0E6  | 77625292 | 49.137  | 47.501 |
| 22)                         | Mirex           | 8.136 | 7.022 | 115.5E6  | 58458961 | 46.525  | 45.307 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042123\  
Data File : PD074862.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Apr 2023 01:00  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

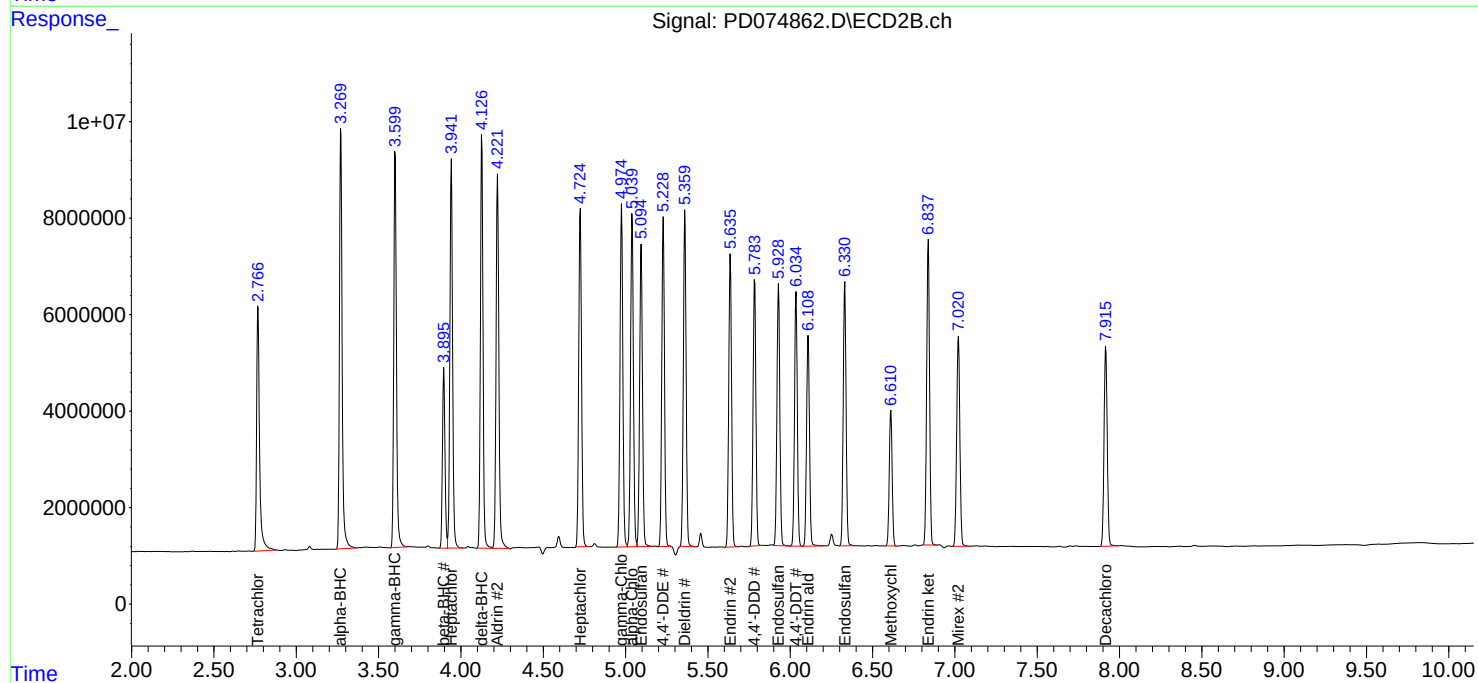
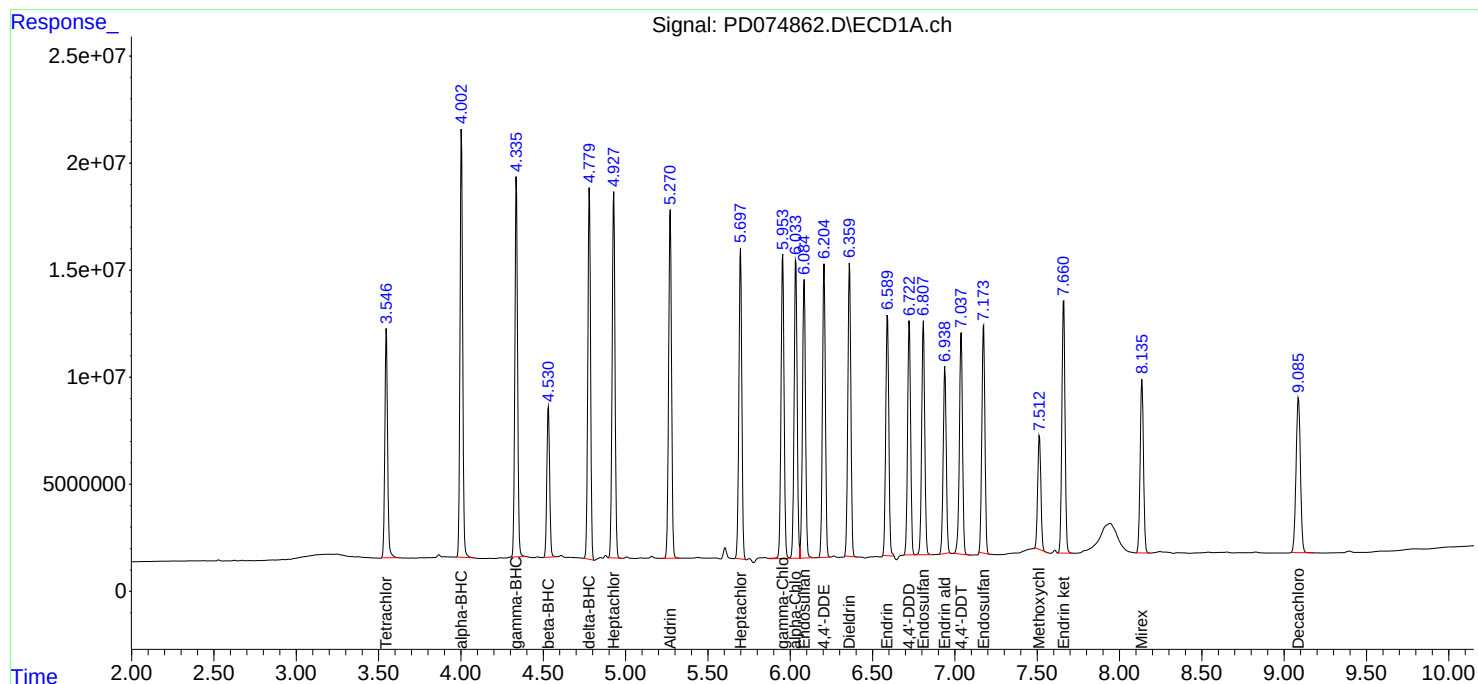
## Manual Integrations

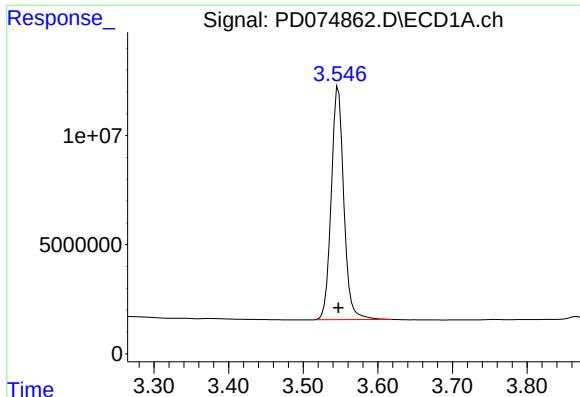
## APPROVED

Reviewed By :Yogesh Patel 04/21/2023  
Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 21 05:56:29 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041823.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 18 13:17:37 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





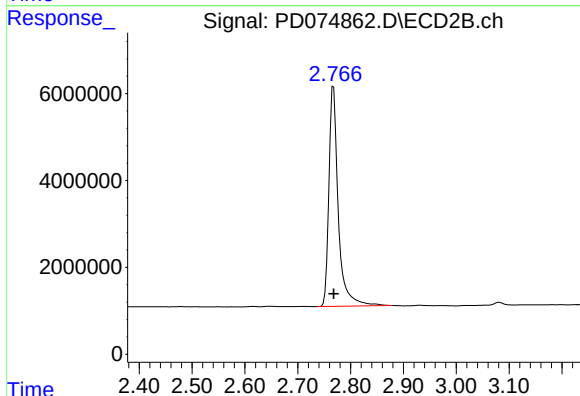
#1 Tetrachloro-m-xylene

R.T.: 3.547 min  
Delta R.T.: 0.000 min  
Response: 125284182  
Conc: 52.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

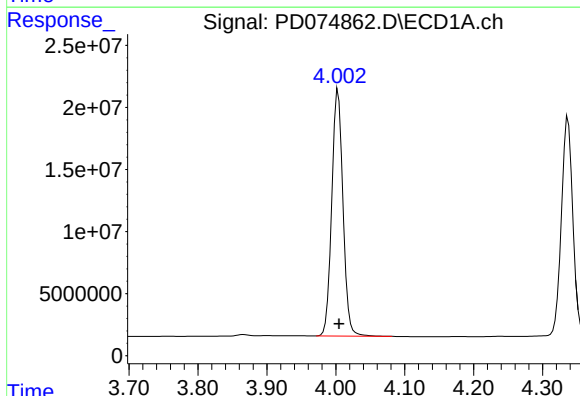
Manual Integrations  
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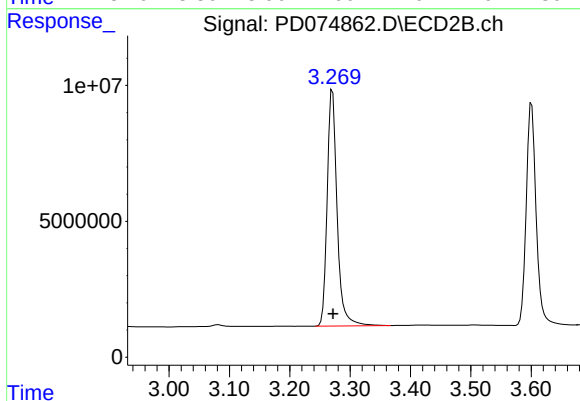
#1 Tetrachloro-m-xylene

R.T.: 2.768 min  
Delta R.T.: 0.000 min  
Response: 62749092  
Conc: 48.14 ng/ml



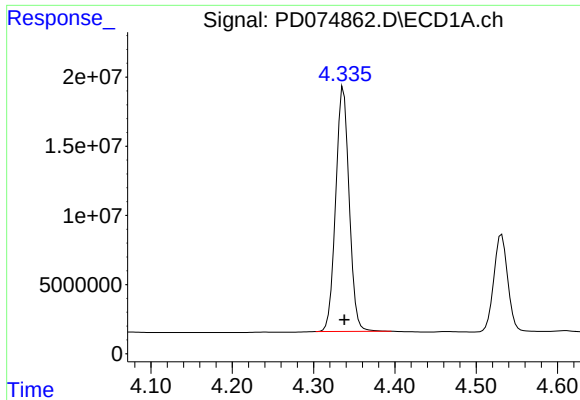
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: -0.001 min  
Response: 223928511  
Conc: 53.84 ng/ml



#2 alpha-BHC

R.T.: 3.271 min  
Delta R.T.: 0.000 min  
Response: 99457604  
Conc: 50.94 ng/ml



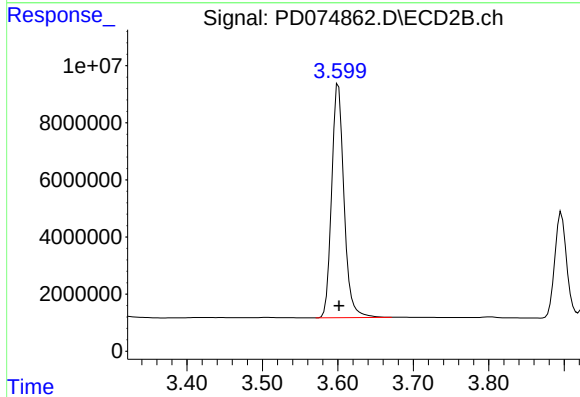
#3 gamma-BHC (Lindane)

R.T.: 4.337 min  
Delta R.T.: 0.000 min  
Response: 203399950  
Conc: 52.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

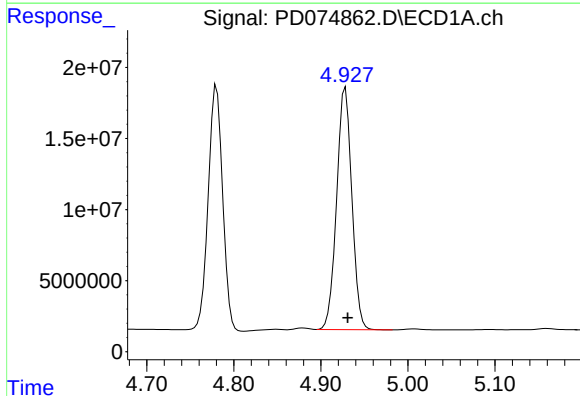
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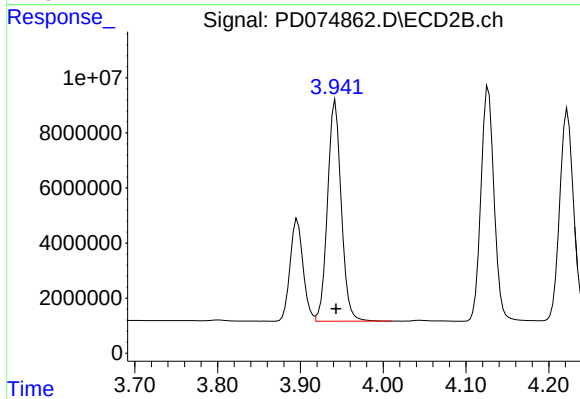
#3 gamma-BHC (Lindane)

R.T.: 3.601 min  
Delta R.T.: 0.000 min  
Response: 93267300  
Conc: 51.39 ng/ml



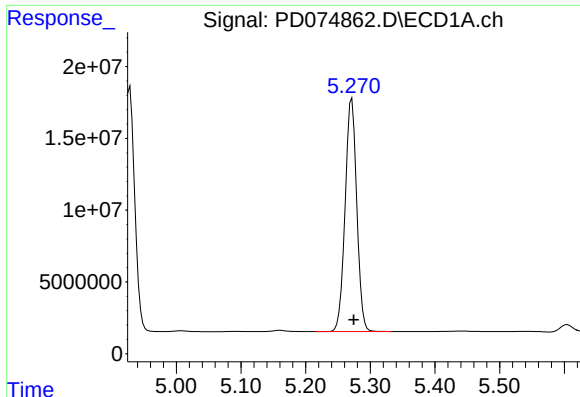
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: -0.002 min  
Response: 206950334  
Conc: 52.91 ng/ml



#4 Heptachlor

R.T.: 3.942 min  
Delta R.T.: 0.000 min  
Response: 92404048  
Conc: 49.96 ng/ml



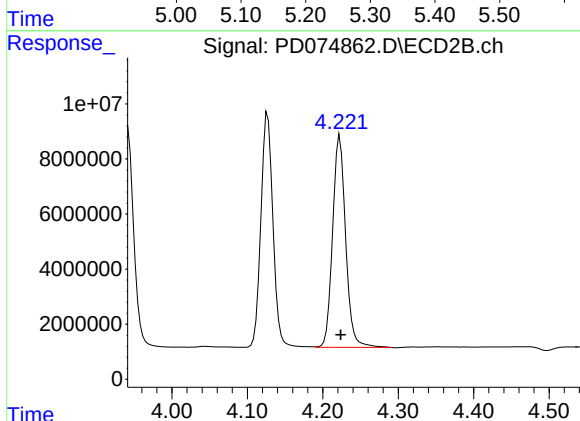
#5 Aldrin

R.T.: 5.271 min  
Delta R.T.: -0.003 min  
Response: 202838557  
Conc: 52.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

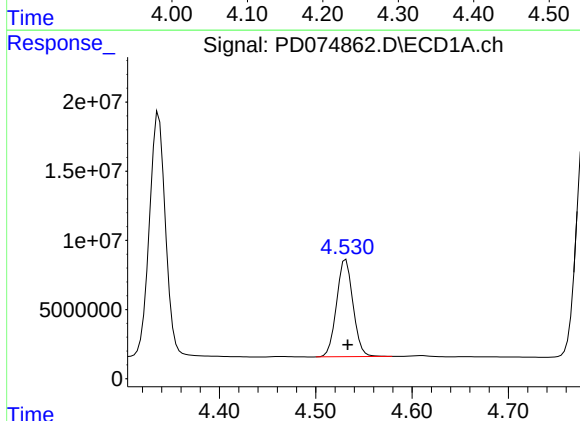
Manual Integrations  
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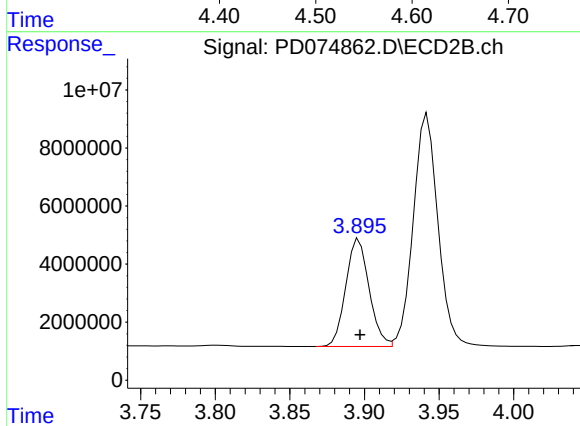
#5 Aldrin

R.T.: 4.223 min  
Delta R.T.: -0.001 min  
Response: 92579946  
Conc: 50.08 ng/ml



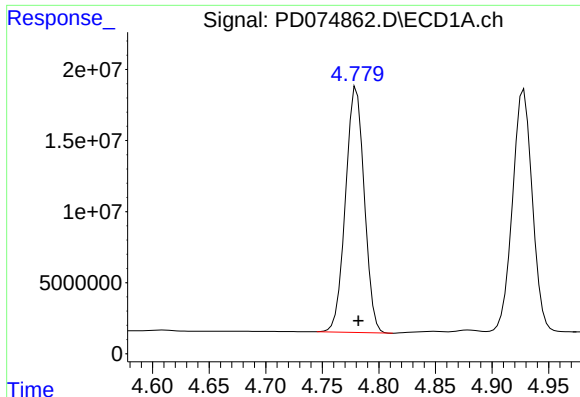
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: -0.002 min  
Response: 83399492  
Conc: 49.71 ng/ml



#6 beta-BHC

R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 40422010  
Conc: 49.77 ng/ml



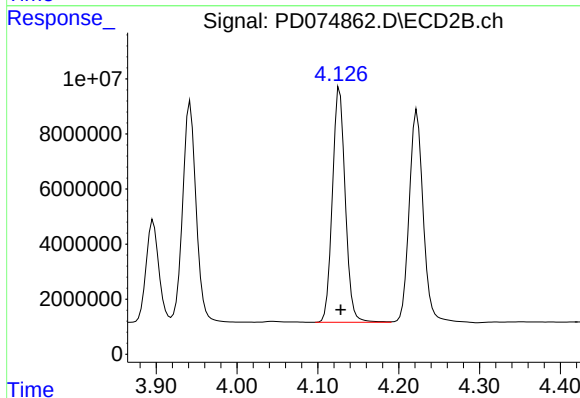
#7 delta-BHC

R.T.: 4.780 min  
Delta R.T.: -0.002 min  
Response: 199172303  
Conc: 62.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

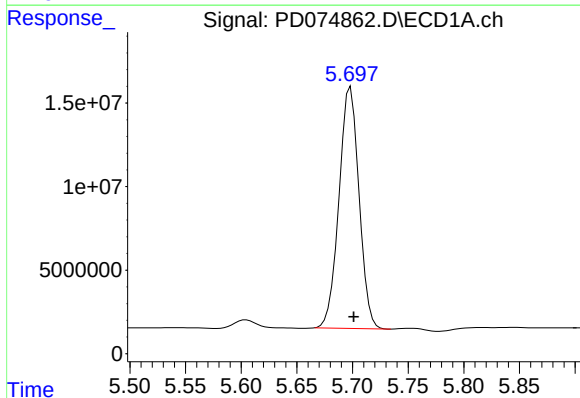
Manual Integrations  
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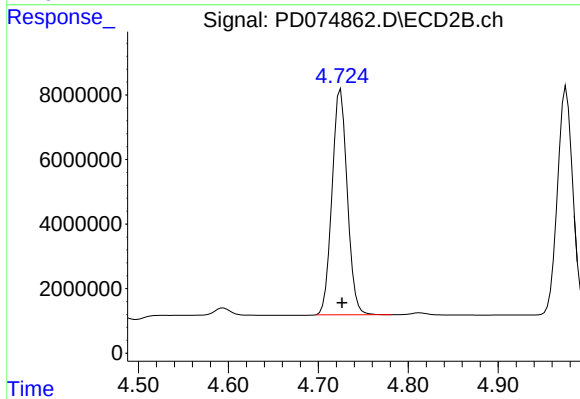
#7 delta-BHC

R.T.: 4.127 min  
Delta R.T.: -0.001 min  
Response: 94500500  
Conc: 50.26 ng/ml



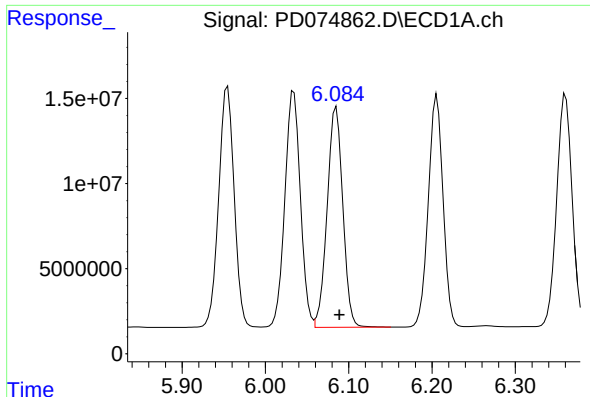
#8 Heptachlor epoxide

R.T.: 5.698 min  
Delta R.T.: -0.003 min  
Response: 180836762  
Conc: 55.96 ng/ml



#8 Heptachlor epoxide

R.T.: 4.725 min  
Delta R.T.: -0.002 min  
Response: 82344662  
Conc: 48.56 ng/ml



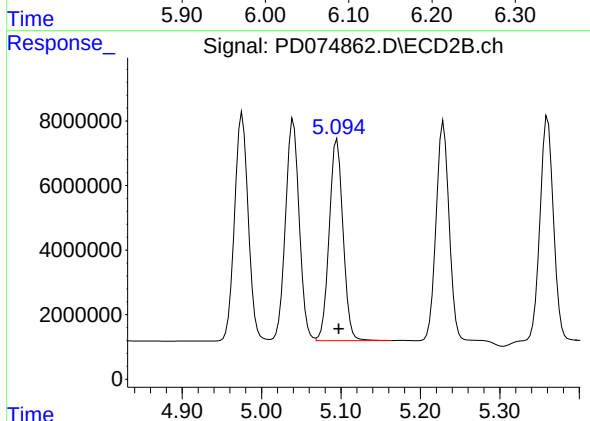
#9 Endosulfan I

R.T.: 6.085 min  
Delta R.T.: -0.004 min  
Response: 169218313  
Conc: 51.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

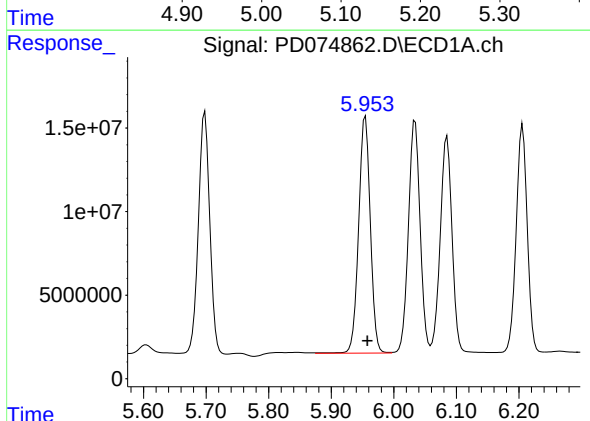
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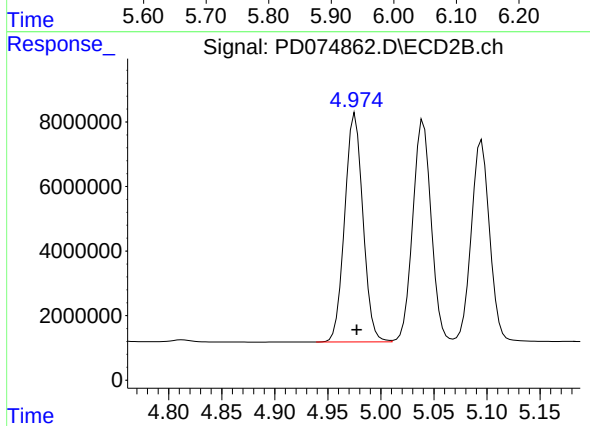
#9 Endosulfan I

R.T.: 5.095 min  
Delta R.T.: -0.002 min  
Response: 75365254  
Conc: 47.00 ng/ml



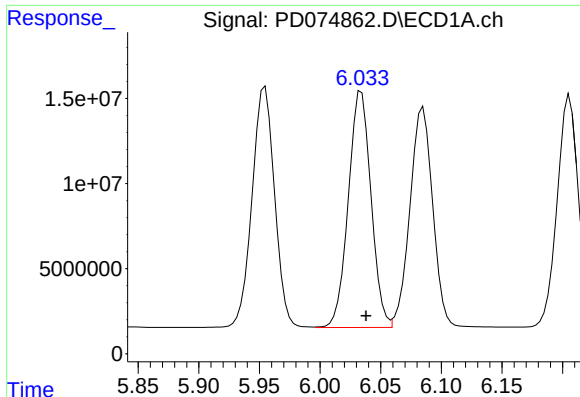
#10 gamma-Chlordane

R.T.: 5.955 min  
Delta R.T.: -0.003 min  
Response: 184215947  
Conc: 53.12 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min  
Delta R.T.: -0.001 min  
Response: 84350417  
Conc: 48.71 ng/ml



#11 alpha-Chlordane

R.T.: 6.034 min  
Delta R.T.: -0.004 min  
Response: 180754493  
Conc: 52.03 ng/ml

Instrument :

ECD\_D

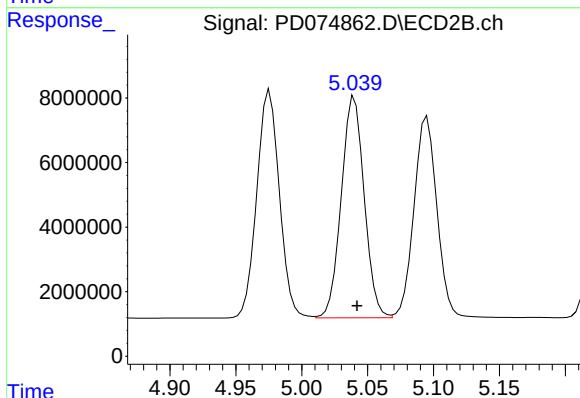
ClientSampleId :

PSTDCCC050

Manual Integrations

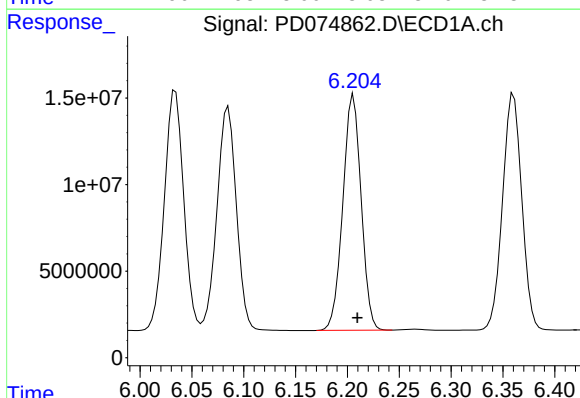
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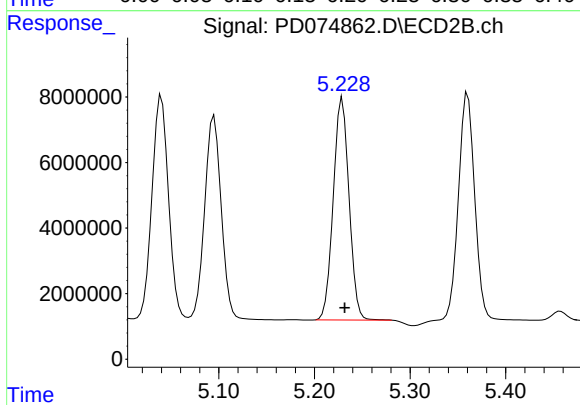
#11 alpha-Chlordane

R.T.: 5.040 min  
Delta R.T.: -0.002 min  
Response: 82942116  
Conc: 48.41 ng/ml



#12 4,4'-DDE

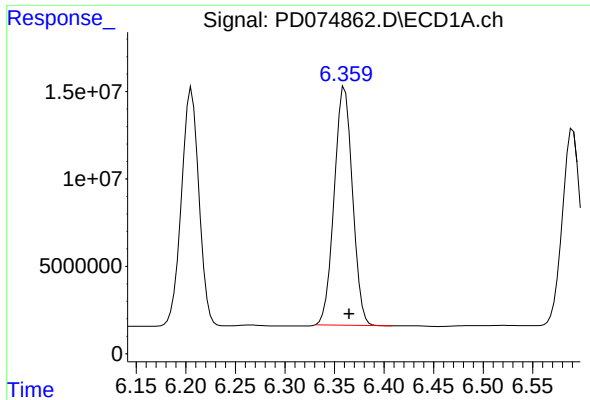
R.T.: 6.206 min  
Delta R.T.: -0.004 min  
Response: 166984388  
Conc: 52.09 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min  
Delta R.T.: -0.002 min  
Response: 77564958  
Conc: 49.46 ng/ml





#13 Dieldrin

R.T.: 6.360 min  
Delta R.T.: -0.004 min  
Response: 174938711  
Conc: 51.29 ng/ml

Instrument :

ECD\_D

ClientSampleId :

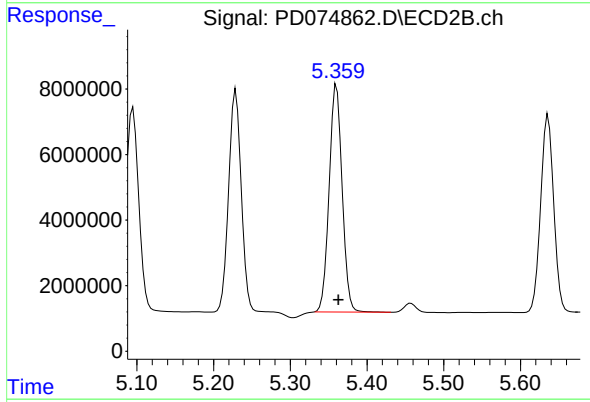
PSTDCCC050

Manual Integrations

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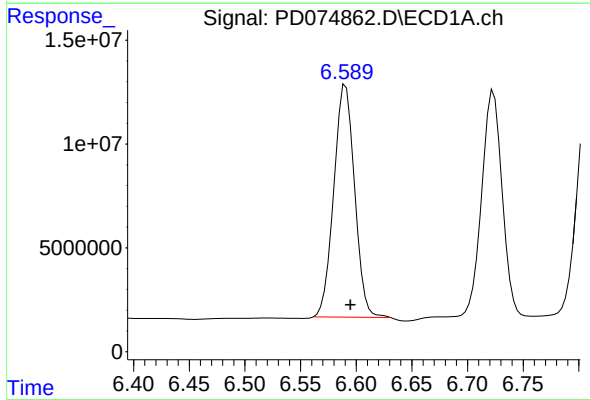
Reviewed By :Yogesh Patel 04/21/2023

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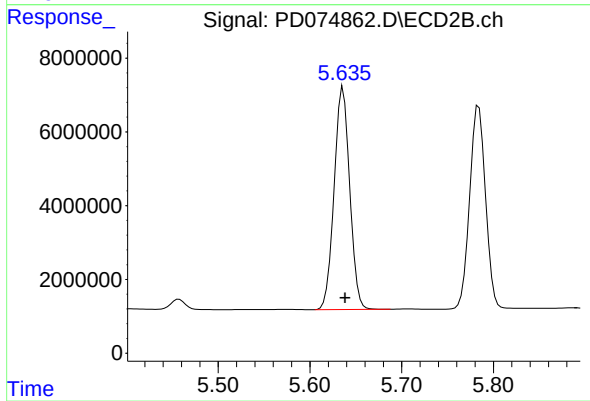
#13 Dieldrin

R.T.: 5.360 min  
Delta R.T.: -0.002 min  
Response: 81588453  
Conc: 48.60 ng/ml



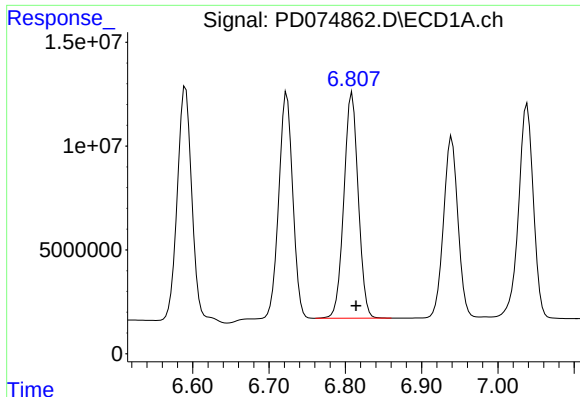
#14 Endrin

R.T.: 6.591 min  
Delta R.T.: -0.004 min  
Response: 145685762  
Conc: 50.14 ng/ml



#14 Endrin

R.T.: 5.636 min  
Delta R.T.: -0.002 min  
Response: 71290552  
Conc: 47.24 ng/ml



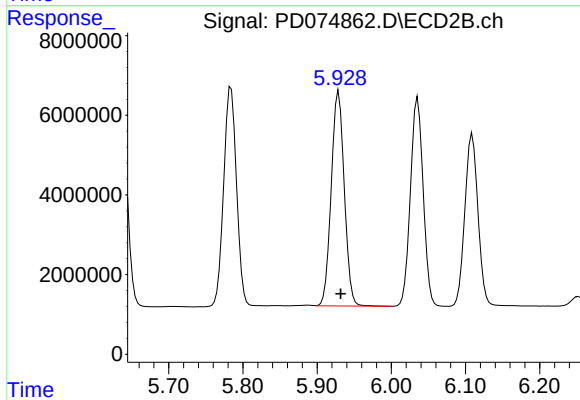
#15 Endosulfan II

R.T.: 6.809 min  
Delta R.T.: -0.005 min  
Response: 142370248  
Conc: 49.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

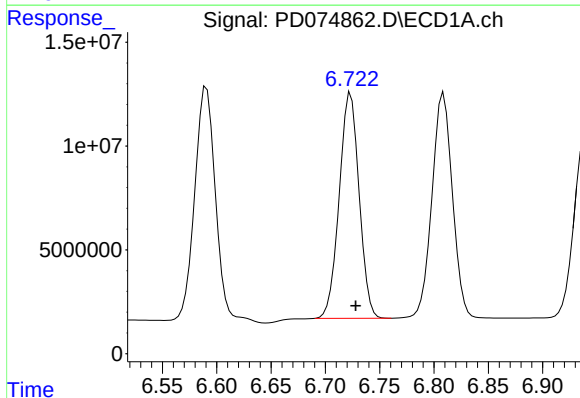
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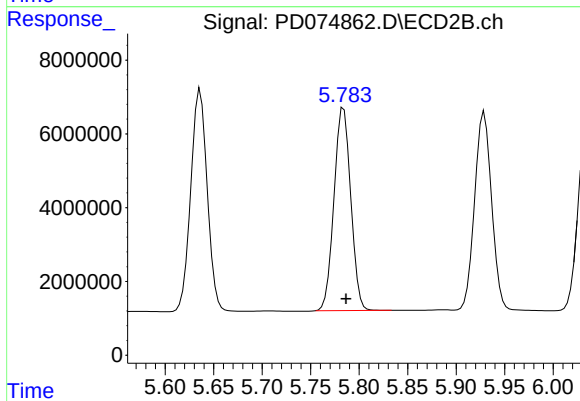
#15 Endosulfan II

R.T.: 5.929 min  
Delta R.T.: -0.003 min  
Response: 65992776  
Conc: 47.99 ng/ml



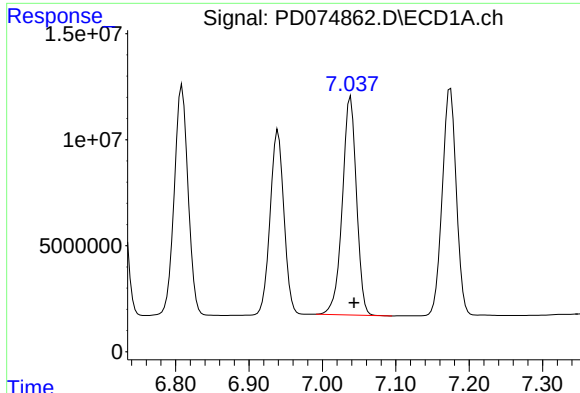
#16 4,4'-DDD

R.T.: 6.723 min  
Delta R.T.: -0.004 min  
Response: 138569315  
Conc: 52.30 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min  
Delta R.T.: -0.002 min  
Response: 66048485  
Conc: 50.10 ng/ml



#17 4,4'-DDT

R.T.: 7.038 min  
Delta R.T.: -0.005 min  
Response: 138137630  
Conc: 47.41 ng/ml

Instrument :

ECD\_D

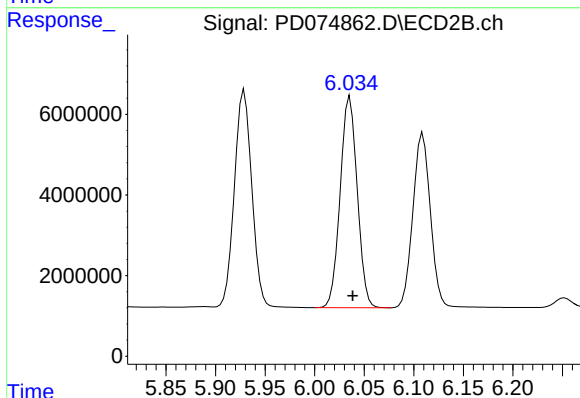
ClientSampleId :

PSTDCCC050

Manual Integrations

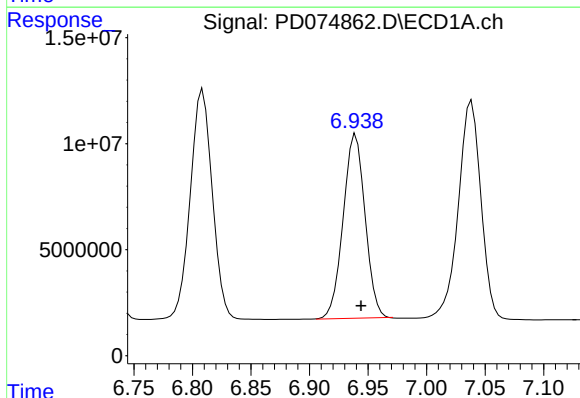
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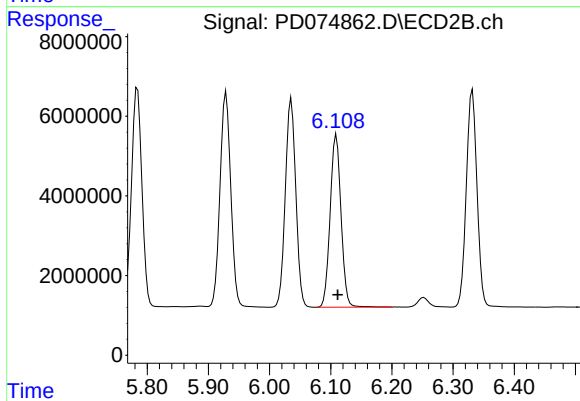
#17 4,4'-DDT

R.T.: 6.036 min  
Delta R.T.: -0.003 min  
Response: 62655389  
Conc: 46.39 ng/ml



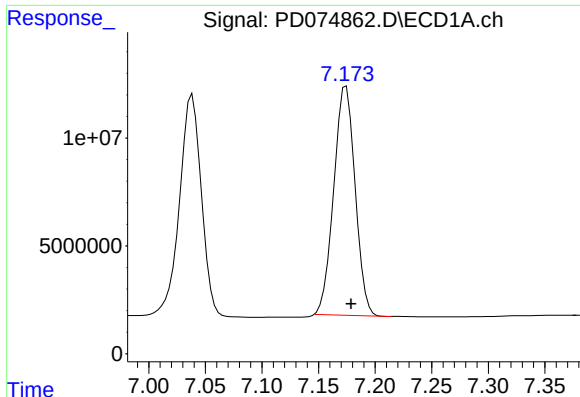
#18 Endrin aldehyde

R.T.: 6.938 min  
Delta R.T.: -0.006 min  
Response: 113084779  
Conc: 49.25 ng/ml m



#18 Endrin aldehyde

R.T.: 6.109 min  
Delta R.T.: -0.003 min  
Response: 53498025  
Conc: 47.92 ng/ml



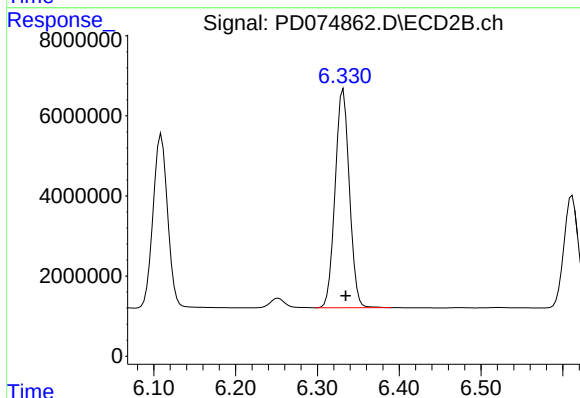
#19 Endosulfan Sulfate

R.T.: 7.174 min  
Delta R.T.: -0.004 min  
Response: 139578713  
Conc: 48.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

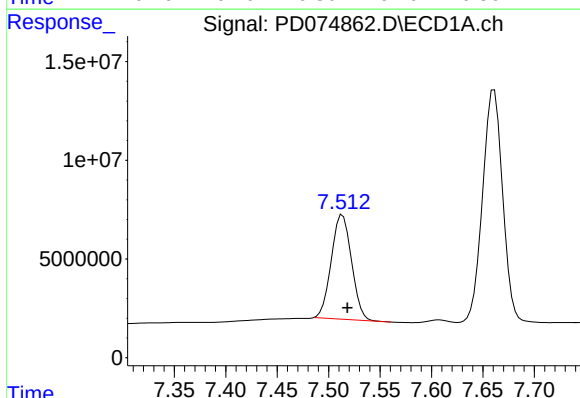
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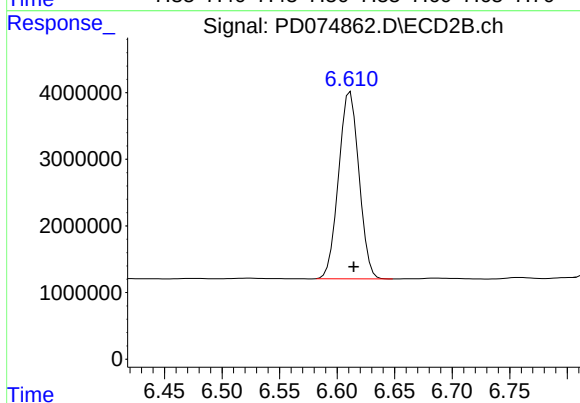
#19 Endosulfan Sulfate

R.T.: 6.332 min  
Delta R.T.: -0.003 min  
Response: 66157231  
Conc: 47.87 ng/ml



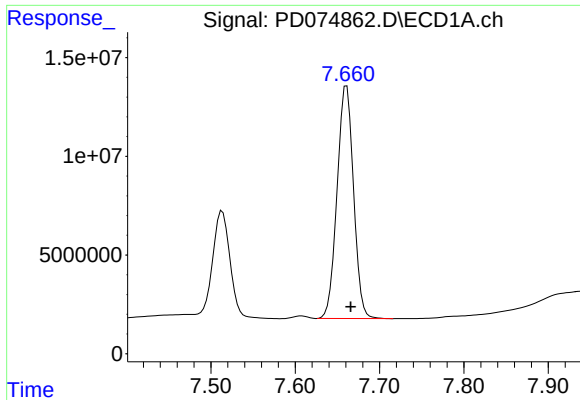
#20 Methoxychlor

R.T.: 7.514 min  
Delta R.T.: -0.005 min  
Response: 72132753  
Conc: 44.29 ng/ml



#20 Methoxychlor

R.T.: 6.611 min  
Delta R.T.: -0.003 min  
Response: 34712622  
Conc: 46.06 ng/ml



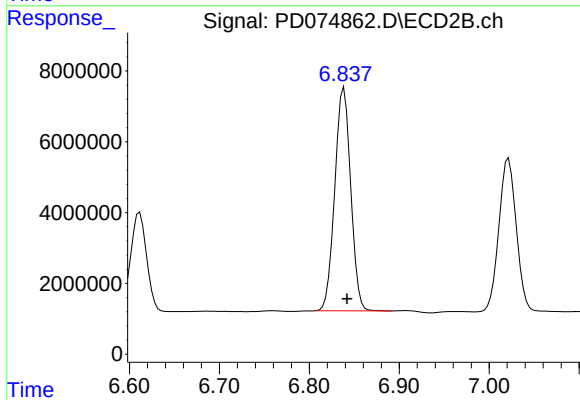
#21 Endrin ketone

R.T.: 7.661 min  
Delta R.T.: -0.005 min  
Response: 160042106  
Conc: 49.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

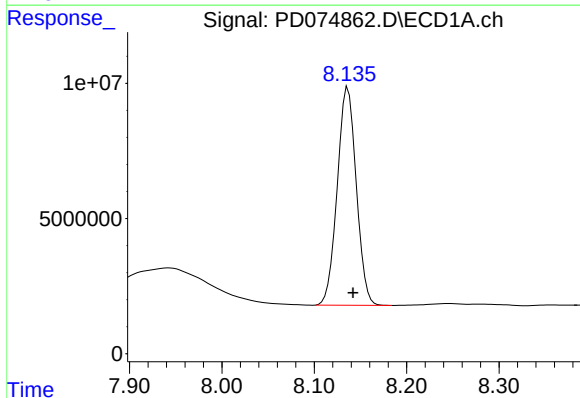
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/21/2023  
Supervised By :Ankita Jodhani 04/21/2023



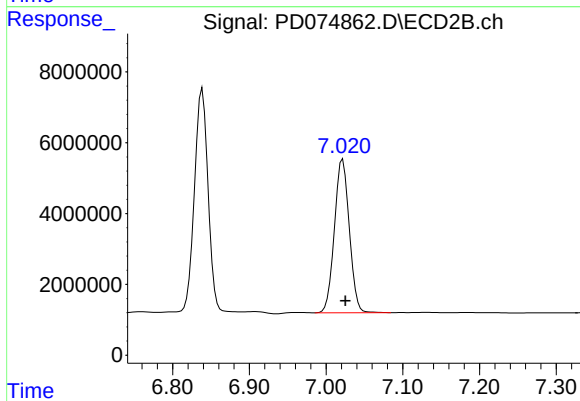
#21 Endrin ketone

R.T.: 6.839 min  
Delta R.T.: -0.003 min  
Response: 77625292  
Conc: 47.50 ng/ml



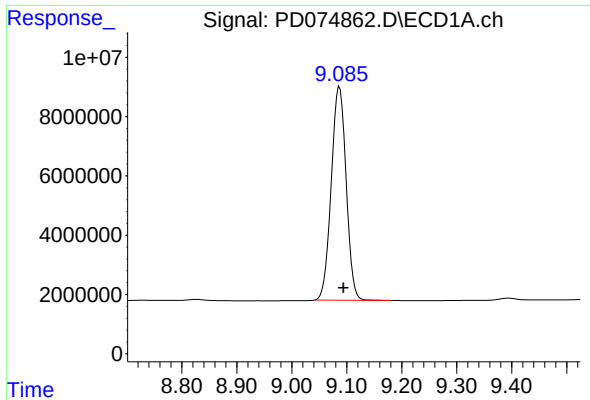
#22 Mirex

R.T.: 8.136 min  
Delta R.T.: -0.006 min  
Response: 115527349  
Conc: 46.52 ng/ml



#22 Mirex

R.T.: 7.022 min  
Delta R.T.: -0.004 min  
Response: 58458961  
Conc: 45.31 ng/ml



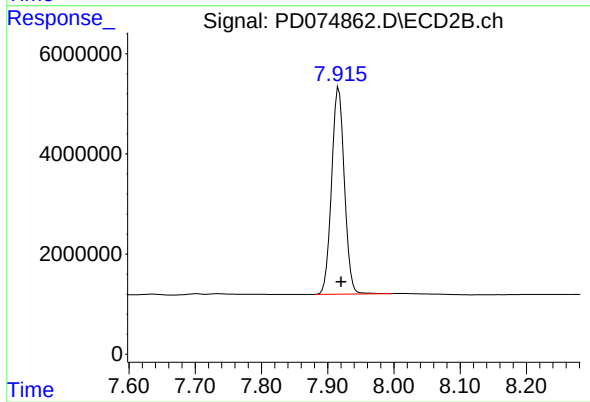
#28 Decachlorobiphenyl

R.T.: 9.087 min  
Delta R.T.: -0.007 min  
Response: 135300499  
Conc: 44.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/21/2023  
Supervised By :Ankita Jodhani 04/21/2023



#28 Decachlorobiphenyl

R.T.: 7.917 min  
Delta R.T.: -0.004 min  
Response: 55320972  
Conc: 41.47 ng/ml