

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071023\  
 Data File : PD076462.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jul 2023 21:07  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 07/11/2023  
 Supervised By : Ankita Jodhani 07/11/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 11 04:52:05 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070423.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 05 05:21:22 2023  
 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...          | 3.544 | 2.764 | 144.1E6  | 73595867 | 43.968  | 46.329   |
| 28) SA Decachlor...         | 9.086 | 7.908 | 155.0E6  | 69354614 | 43.589  | 55.108 # |
| Target Compounds            |       |       |          |          |         |          |
| 2) A alpha-BHC              | 4.001 | 3.266 | 260.8E6  | 114.0E6  | 45.022  | 47.304   |
| 3) MA gamma-BHC...          | 4.334 | 3.596 | 235.7E6  | 105.2E6  | 45.011  | 47.233   |
| 4) MA Heptachlor            | 4.926 | 3.936 | 241.3E6  | 106.4E6  | 43.868  | 46.849   |
| 5) MB Aldrin                | 5.268 | 4.216 | 235.7E6  | 103.2E6  | 44.080  | 46.549   |
| 6) B beta-BHC               | 4.531 | 3.893 | 93895464 | 43307795 | 44.797  | 48.699   |
| 7) B delta-BHC              | 4.779 | 4.123 | 225.8E6  | 104.2E6  | 43.928  | 49.542   |
| 8) B Heptachlo...           | 5.696 | 4.718 | 208.6E6  | 94207773 | 43.291  | 47.122   |
| 9) A Endosulfan I           | 6.083 | 5.089 | 196.4E6  | 87745525 | 44.023  | 46.856   |
| 10) B gamma-Chl...          | 5.953 | 4.969 | 213.0E6  | 94993142 | 43.800  | 47.707   |
| 11) B alpha-Chl...          | 6.032 | 5.033 | 210.5E6  | 93974540 | 43.815  | 47.290   |
| 12) B 4,4'-DDE              | 6.205 | 5.222 | 192.7E6  | 83697816 | 45.403  | 54.453   |
| 13) MA Dieldrin             | 6.359 | 5.353 | 206.5E6  | 93812964 | 44.147  | 47.628   |
| 14) MA Endrin               | 6.589 | 5.629 | 170.7E6  | 83516952 | 42.886  | 47.316   |
| 15) B Endosulfa...          | 6.809 | 5.923 | 164.1E6  | 75878605 | 44.182  | 48.900   |
| 16) A 4,4'-DDD              | 6.723 | 5.776 | 154.4E6  | 68595816 | 45.943  | 56.757   |
| 17) MA 4,4'-DDT             | 7.038 | 6.028 | 159.3E6  | 70279561 | 45.299  | 58.069 # |
| 18) B Endrin al...          | 6.938 | 6.103 | 127.4E6  | 60088974 | 46.498m | 52.579   |
| 19) B Endosulfa...          | 7.174 | 6.326 | 161.3E6  | 77057600 | 43.661  | 50.715   |
| 20) A Methoxychlor          | 7.514 | 6.603 | 84483632 | 37748594 | 44.203  | 59.111 # |
| 21) B Endrin ke...          | 7.660 | 6.832 | 182.0E6  | 89146292 | 43.592  | 51.003   |
| 22) Mirex                   | 8.135 | 7.014 | 132.2E6  | 69663641 | 41.847  | 46.998   |
| -----                       |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071023\  
Data File : PD076462.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jul 2023 21:07  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

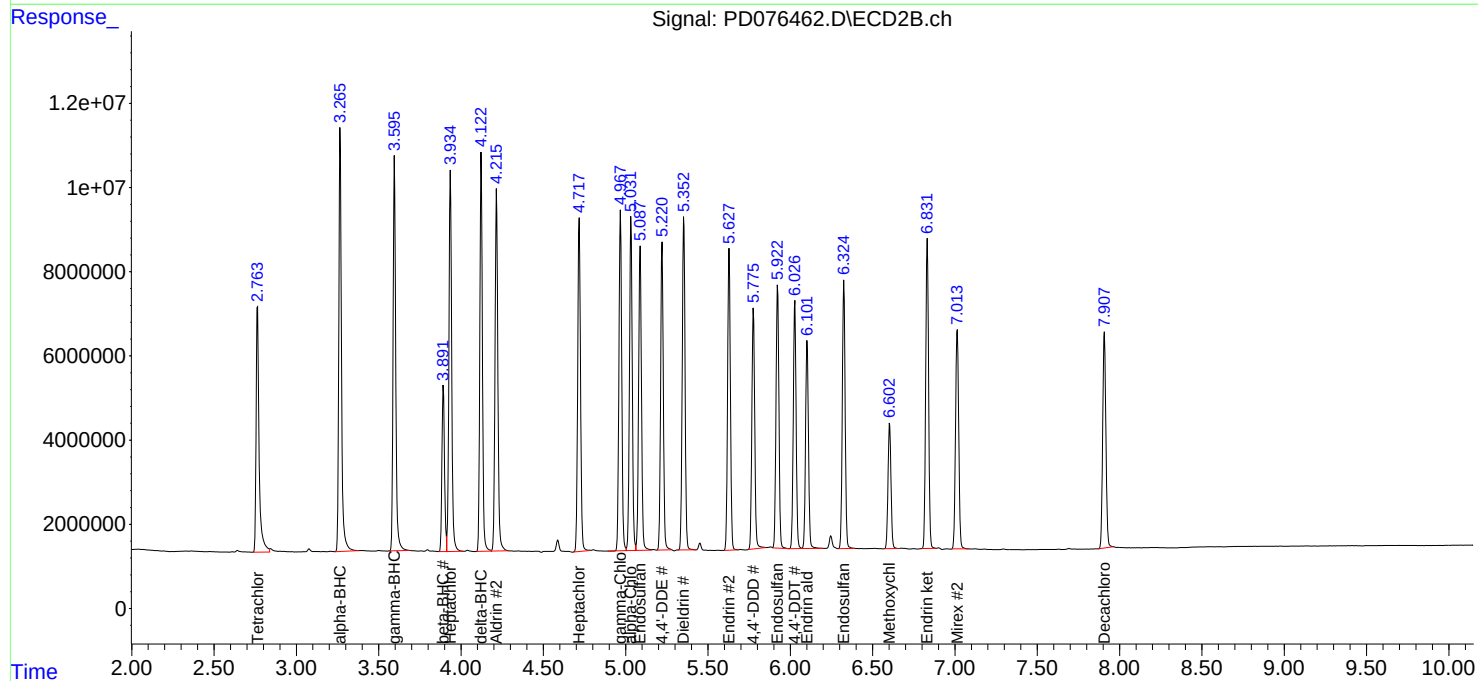
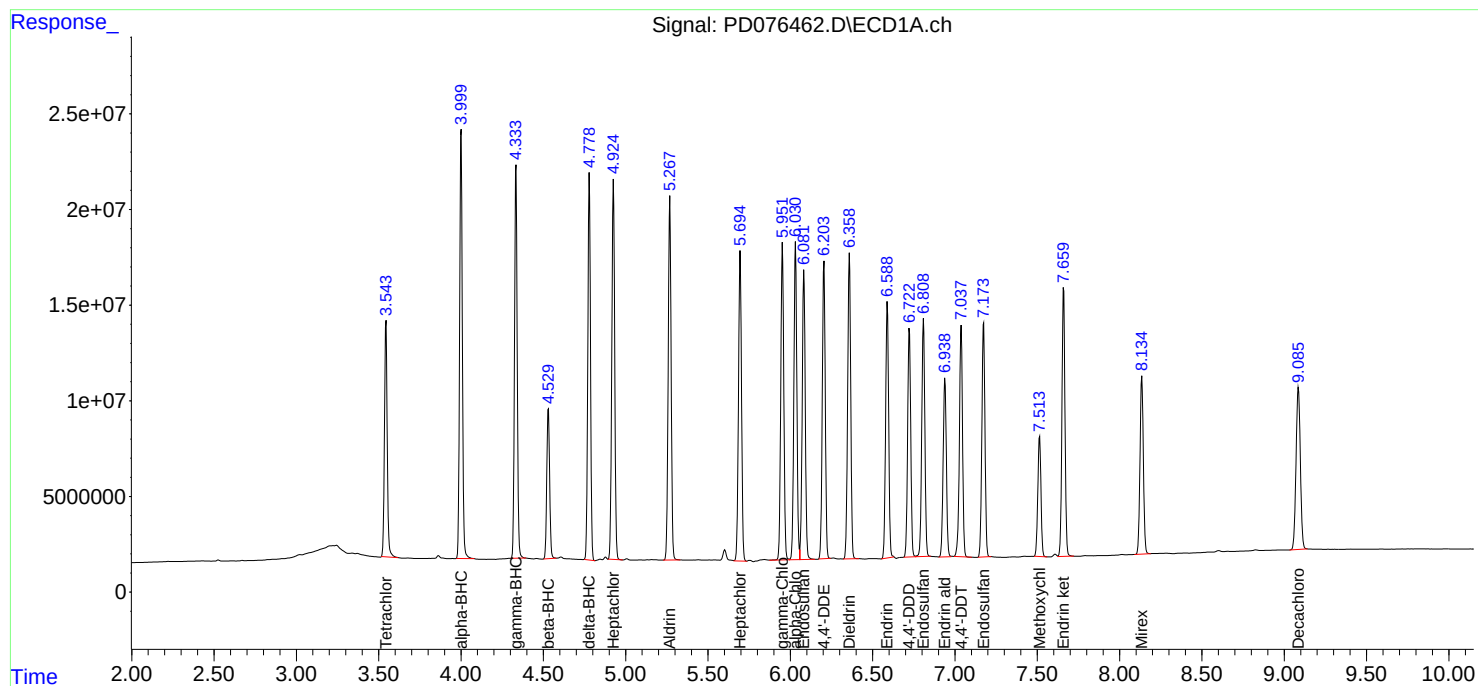
## APPROVED

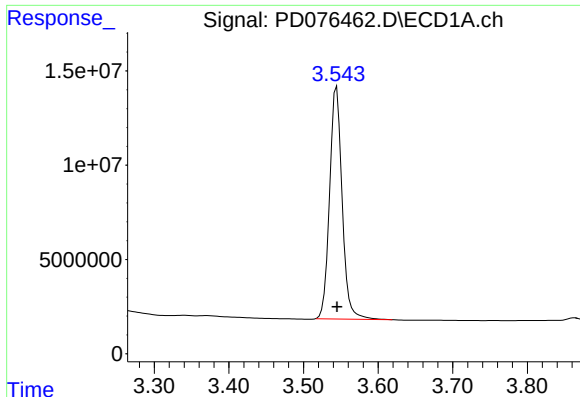
Reviewed By :Abdul Mirza 07/11/2023

Supervised By :Ankita Jodhani 07/11/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 11 04:52:05 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070423.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 05 05:21:22 2023  
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





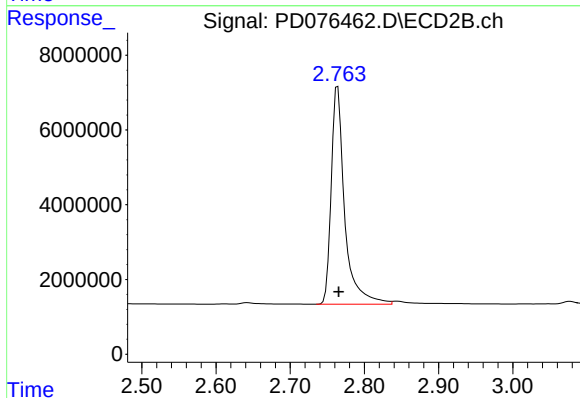
#1 Tetrachloro-m-xylene

R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 144055572  
Conc: 43.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

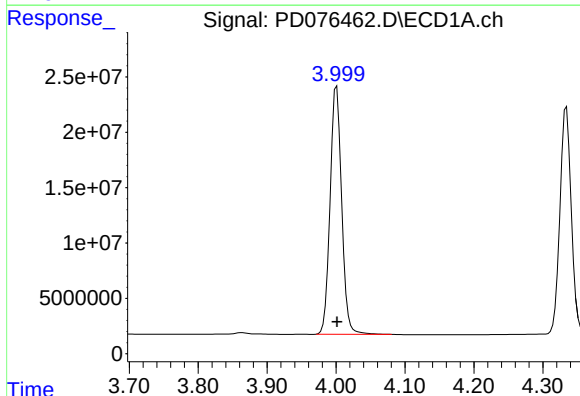
Manual Integrations  
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Reviewed By :Abdul Mirza 07/11/2023  
Supervised By :Ankita Jodhani 07/11/2023



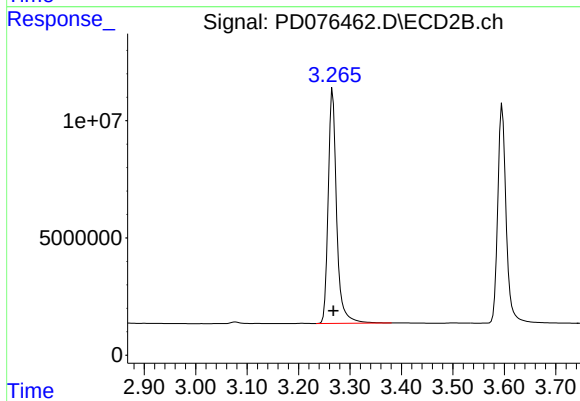
#1 Tetrachloro-m-xylene

R.T.: 2.764 min  
Delta R.T.: -0.001 min  
Response: 73595867  
Conc: 46.33 ng/ml



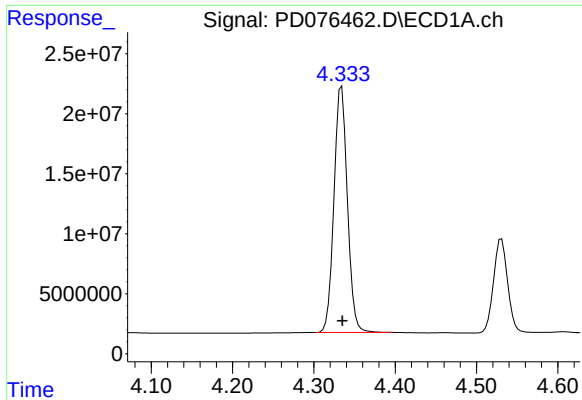
#2 alpha-BHC

R.T.: 4.001 min  
Delta R.T.: 0.000 min  
Response: 260766973  
Conc: 45.02 ng/ml



#2 alpha-BHC

R.T.: 3.266 min  
Delta R.T.: -0.001 min  
Response: 113975925  
Conc: 47.30 ng/ml



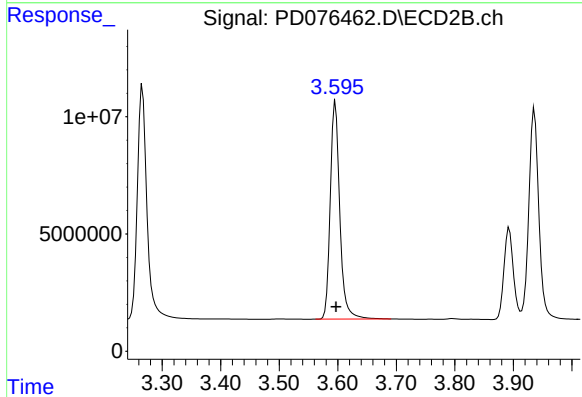
#3 gamma-BHC (Lindane)

R.T.: 4.334 min  
Delta R.T.: 0.000 min  
Response: 235655474  
Conc: 45.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

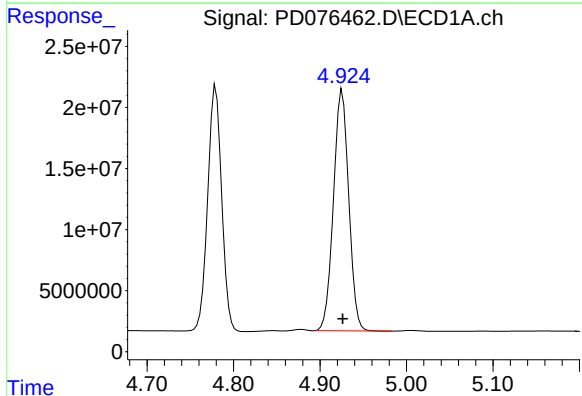
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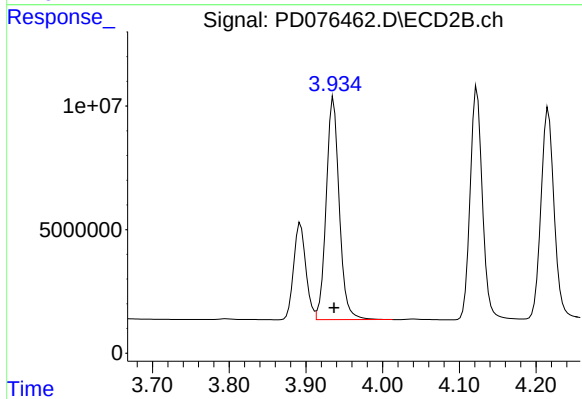
#3 gamma-BHC (Lindane)

R.T.: 3.596 min  
Delta R.T.: -0.001 min  
Response: 105155050  
Conc: 47.23 ng/ml



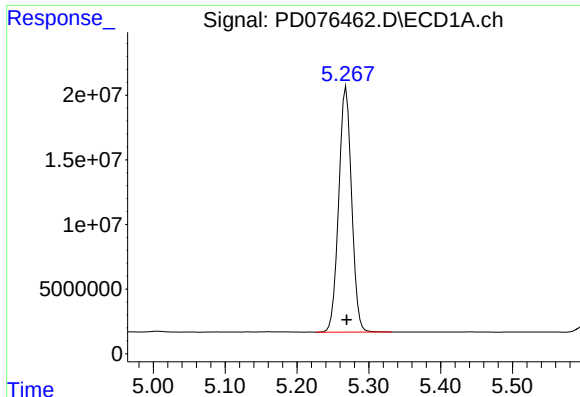
#4 Heptachlor

R.T.: 4.926 min  
Delta R.T.: 0.000 min  
Response: 241275653  
Conc: 43.87 ng/ml



#4 Heptachlor

R.T.: 3.936 min  
Delta R.T.: -0.001 min  
Response: 106415767  
Conc: 46.85 ng/ml



#5 Aldrin

R.T.: 5.268 min  
Delta R.T.: 0.000 min  
Response: 235663894  
Conc: 44.08 ng/ml

Instrument :

ECD\_D

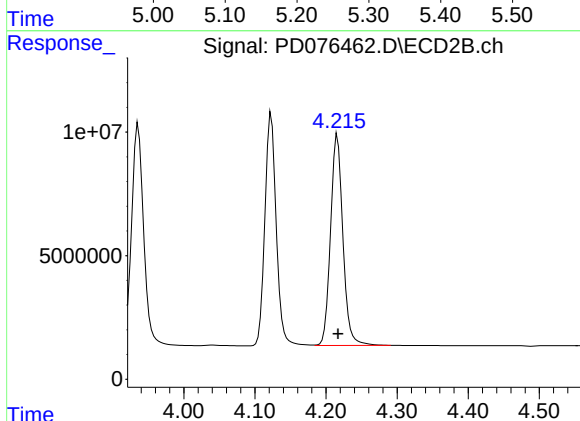
ClientSampleId :

PSTDCCC050

Manual Integrations

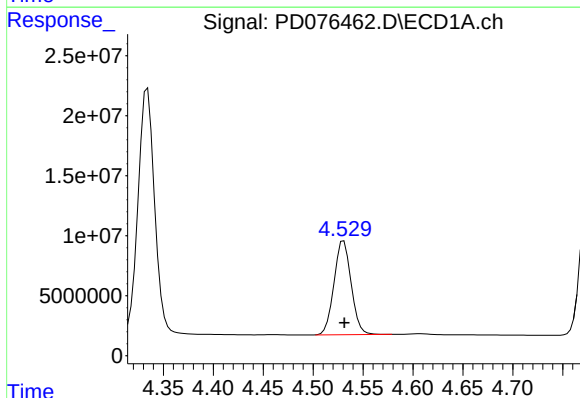
APPROVED

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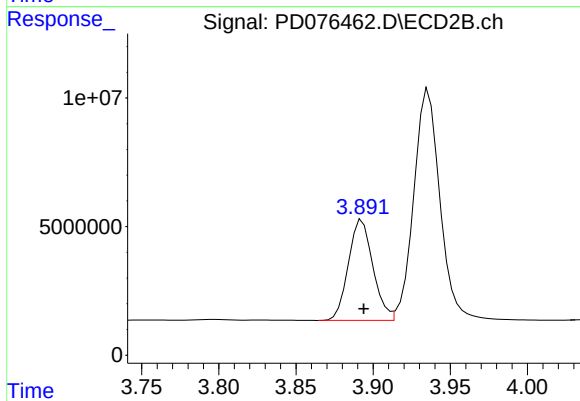
#5 Aldrin

R.T.: 4.216 min  
Delta R.T.: 0.000 min  
Response: 103166626  
Conc: 46.55 ng/ml



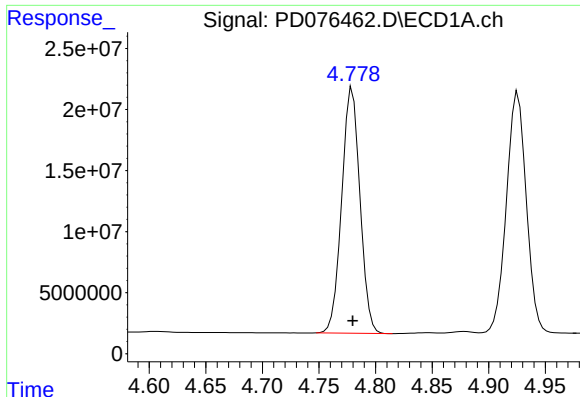
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: 0.000 min  
Response: 93895464  
Conc: 44.80 ng/ml



#6 beta-BHC

R.T.: 3.893 min  
Delta R.T.: 0.000 min  
Response: 43307795  
Conc: 48.70 ng/ml



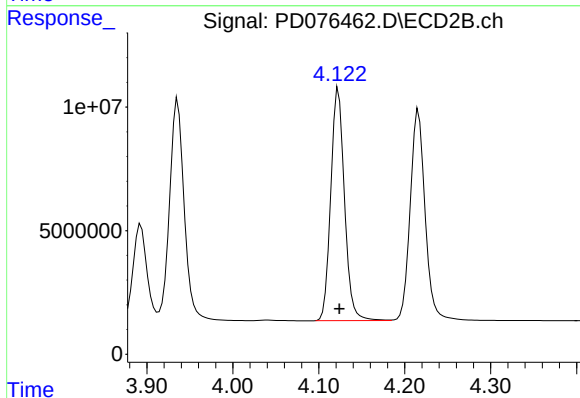
#7 delta-BHC

R.T.: 4.779 min  
Delta R.T.: 0.000 min  
Response: 225780199  
Conc: 43.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

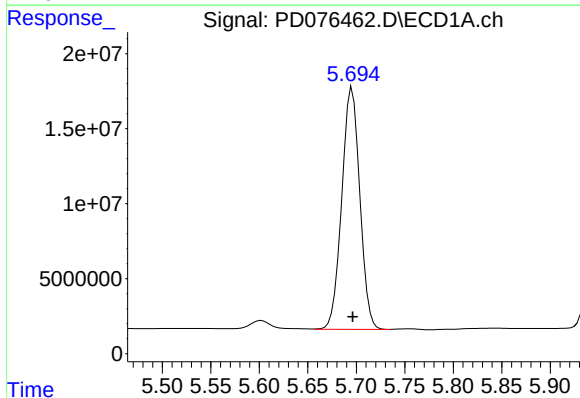
Manual Integrations  
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Reviewed By :Abdul Mirza 07/11/2023  
Supervised By :Ankita Jodhani 07/11/2023



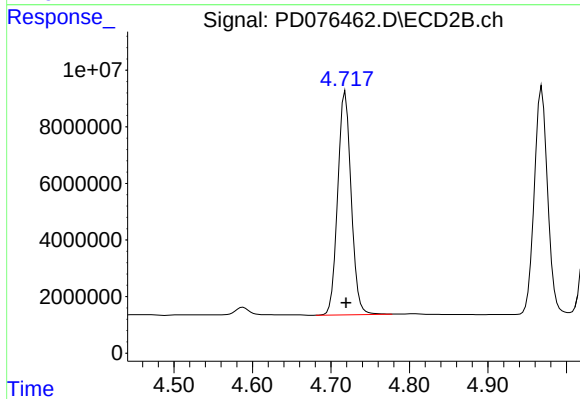
#7 delta-BHC

R.T.: 4.123 min  
Delta R.T.: 0.000 min  
Response: 104168593  
Conc: 49.54 ng/ml



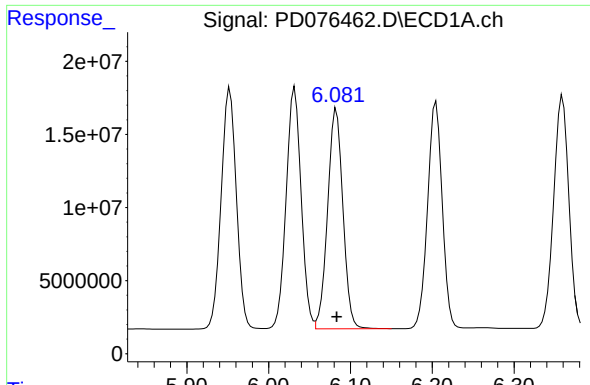
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: 0.000 min  
Response: 208588990  
Conc: 43.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.718 min  
Delta R.T.: 0.000 min  
Response: 94207773  
Conc: 47.12 ng/ml



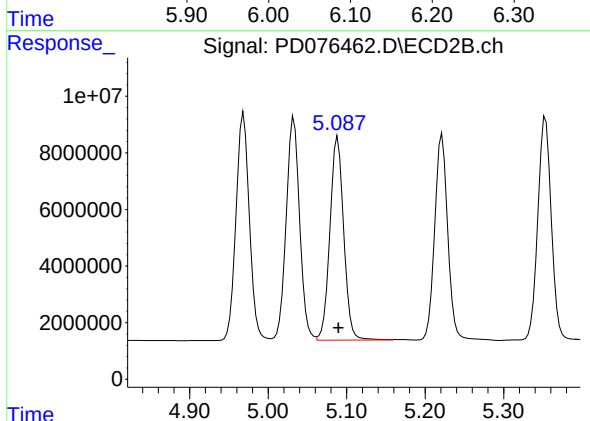
#9 Endosulfan I

R.T.: 6.083 min  
Delta R.T.: 0.000 min  
Response: 196388440  
Conc: 44.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

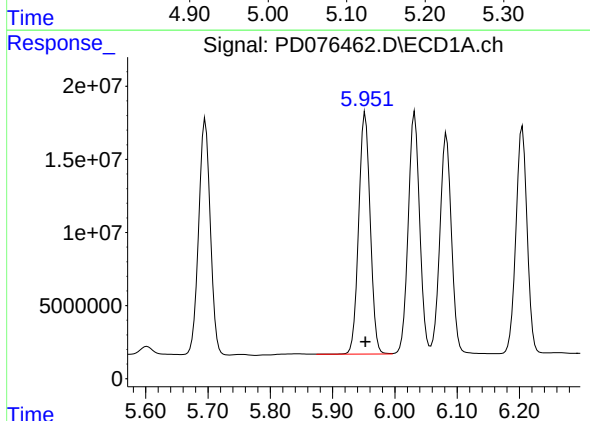
Manual Integrations  
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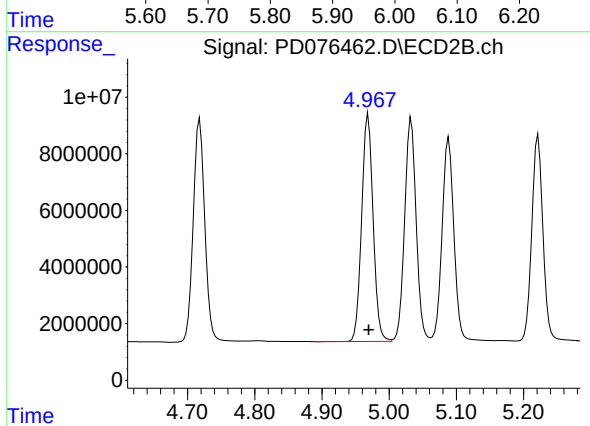
#9 Endosulfan I

R.T.: 5.089 min  
Delta R.T.: 0.000 min  
Response: 87745525  
Conc: 46.86 ng/ml



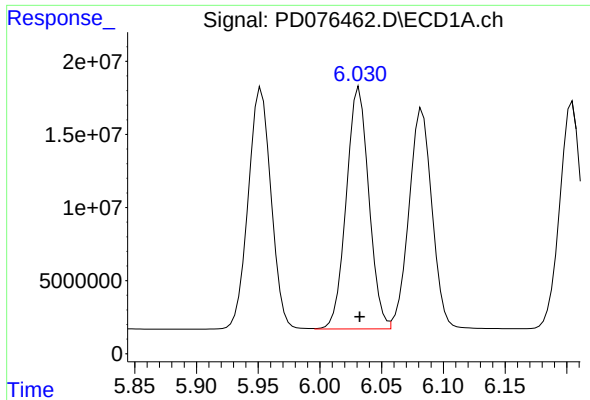
#10 gamma-Chlordane

R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 213001420  
Conc: 43.80 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min  
Delta R.T.: 0.000 min  
Response: 94993142  
Conc: 47.71 ng/ml



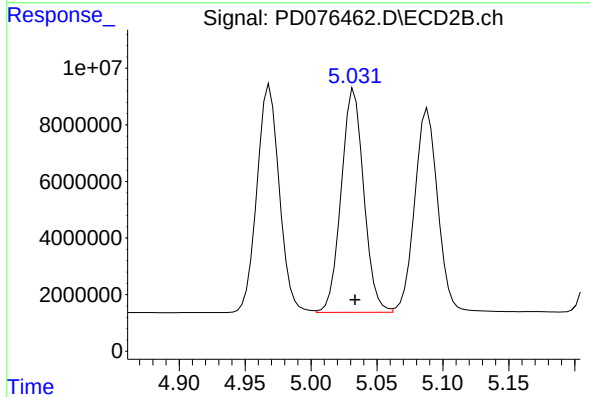
#11 alpha-Chlordane

R.T.: 6.032 min  
Delta R.T.: 0.000 min  
Response: 210499822  
Conc: 43.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

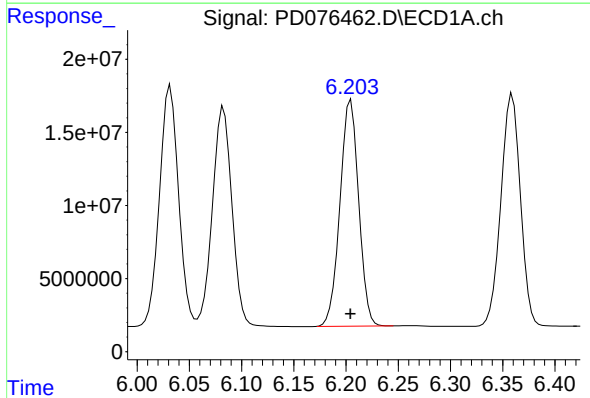
Manual Integrations  
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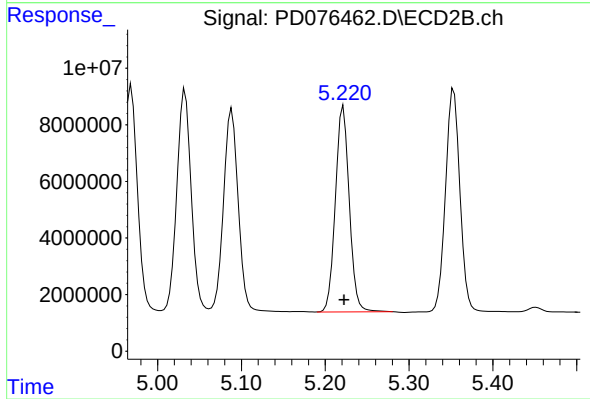
#11 alpha-Chlordane

R.T.: 5.033 min  
Delta R.T.: 0.000 min  
Response: 93974540  
Conc: 47.29 ng/ml



#12 4,4'-DDE

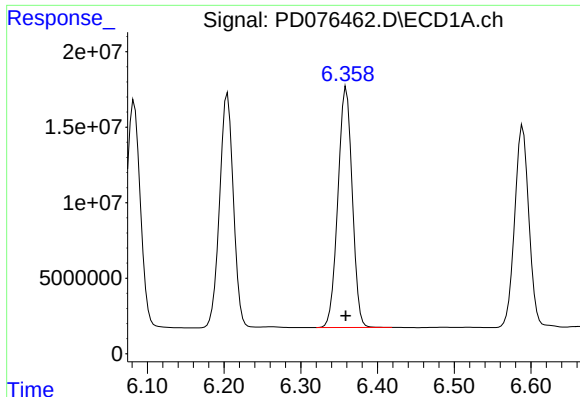
R.T.: 6.205 min  
Delta R.T.: 0.000 min  
Response: 192728986  
Conc: 45.40 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min  
Delta R.T.: 0.000 min  
Response: 83697816  
Conc: 54.45 ng/ml





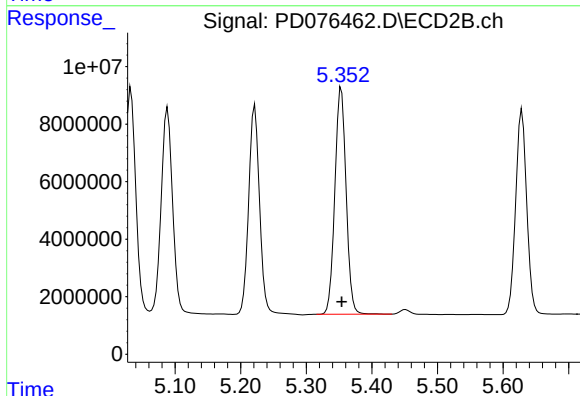
#13 Dieldrin

R.T.: 6.359 min  
Delta R.T.: 0.000 min  
Response: 206521263  
Conc: 44.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

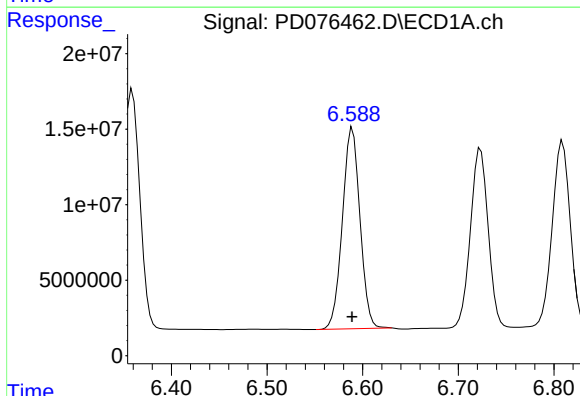
Manual Integrations  
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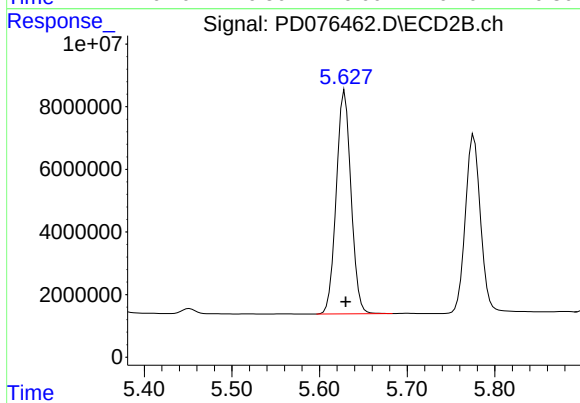
#13 Dieldrin

R.T.: 5.353 min  
Delta R.T.: 0.000 min  
Response: 93812964  
Conc: 47.63 ng/ml



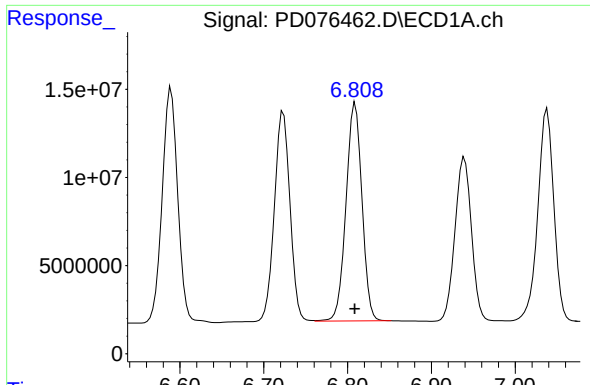
#14 Endrin

R.T.: 6.589 min  
Delta R.T.: 0.000 min  
Response: 170742594  
Conc: 42.89 ng/ml



#14 Endrin

R.T.: 5.629 min  
Delta R.T.: -0.001 min  
Response: 83516952  
Conc: 47.32 ng/ml



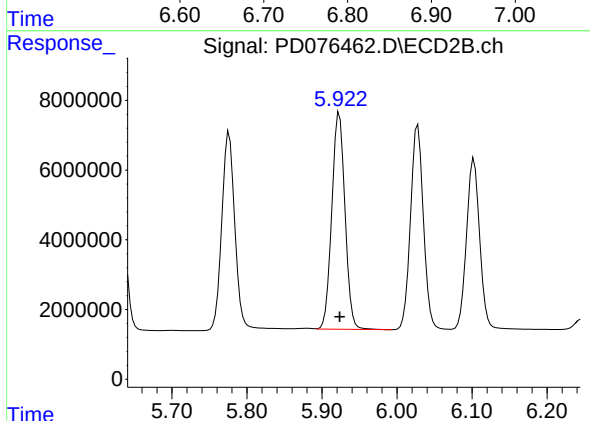
#15 Endosulfan II

R.T.: 6.809 min  
Delta R.T.: 0.000 min  
Response: 164074548  
Conc: 44.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

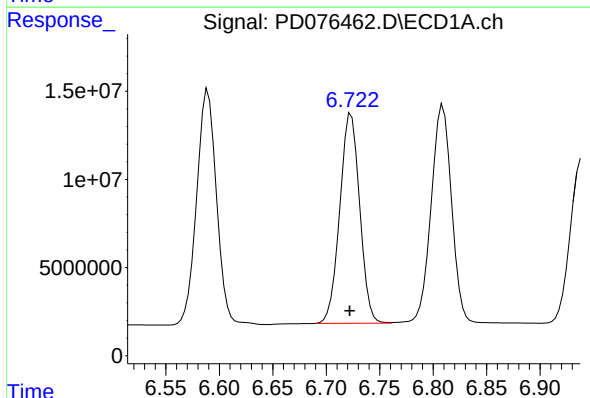
Manual Integrations  
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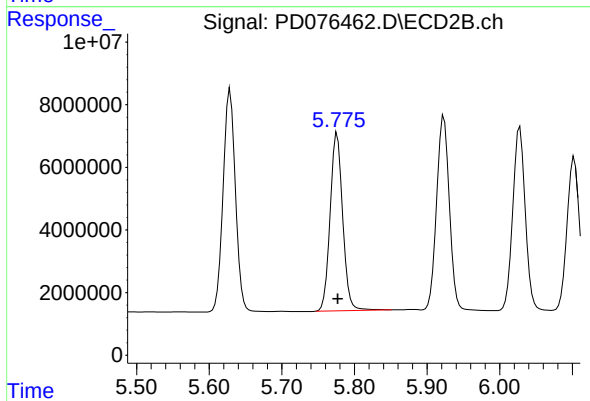
#15 Endosulfan II

R.T.: 5.923 min  
Delta R.T.: 0.000 min  
Response: 75878605  
Conc: 48.90 ng/ml



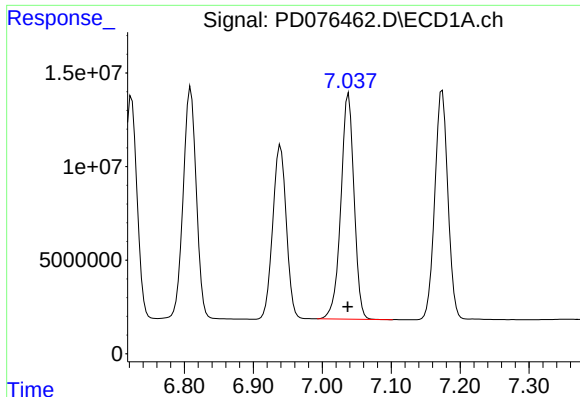
#16 4,4'-DDD

R.T.: 6.723 min  
Delta R.T.: 0.001 min  
Response: 154352429  
Conc: 45.94 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min  
Delta R.T.: 0.000 min  
Response: 68595816  
Conc: 56.76 ng/ml



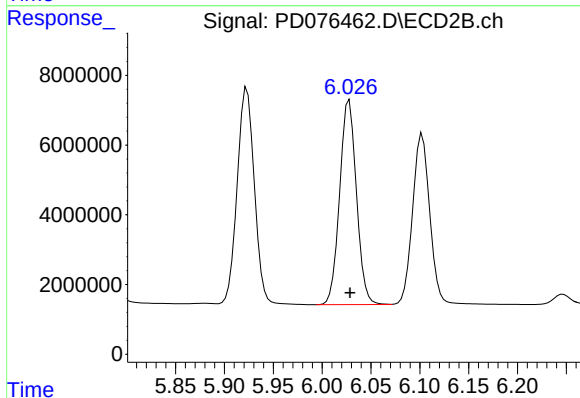
#17 4,4'-DDT

R.T.: 7.038 min  
Delta R.T.: 0.001 min  
Response: 159272688  
Conc: 45.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

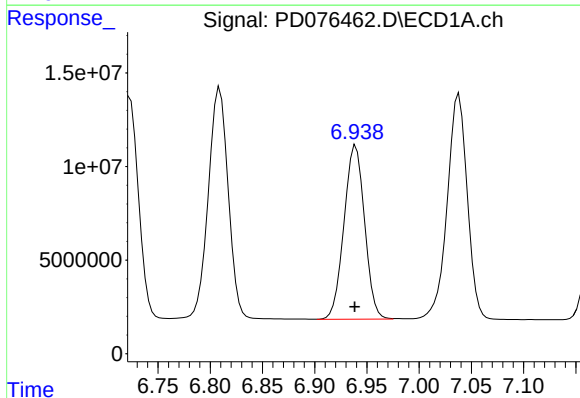
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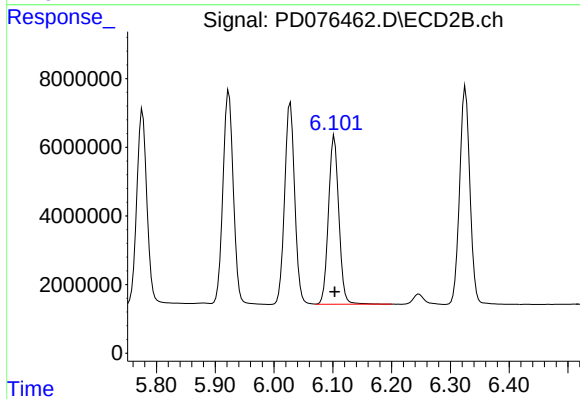
#17 4,4'-DDT

R.T.: 6.028 min  
Delta R.T.: 0.000 min  
Response: 70279561  
Conc: 58.07 ng/ml



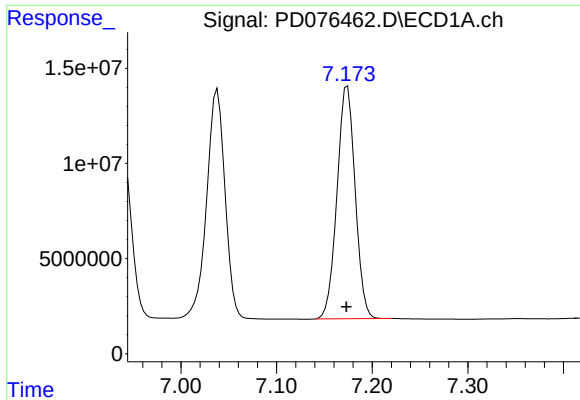
#18 Endrin aldehyde

R.T.: 6.938 min  
Delta R.T.: 0.000 min  
Response: 127447512  
Conc: 46.50 ng/ml m



#18 Endrin aldehyde

R.T.: 6.103 min  
Delta R.T.: 0.000 min  
Response: 60088974  
Conc: 52.58 ng/ml



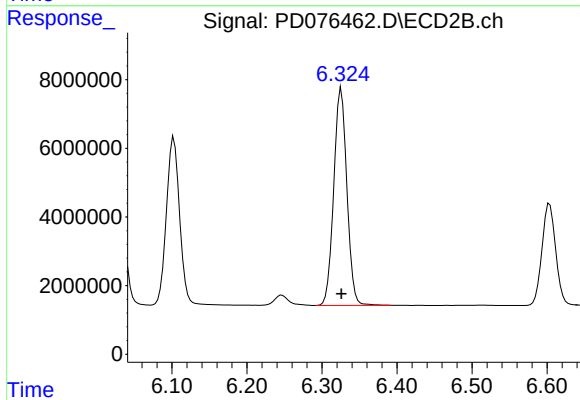
#19 Endosulfan Sulfate

R.T.: 7.174 min  
Delta R.T.: 0.001 min  
Response: 161322569  
Conc: 43.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

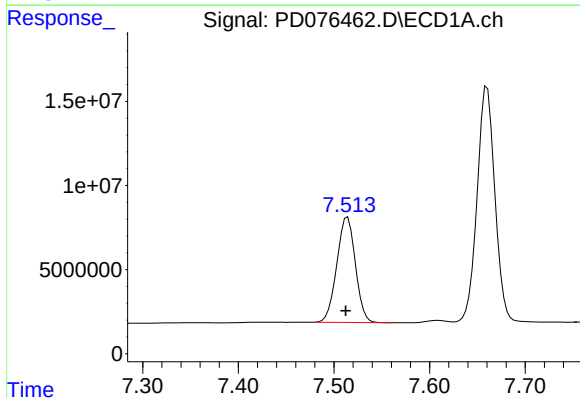
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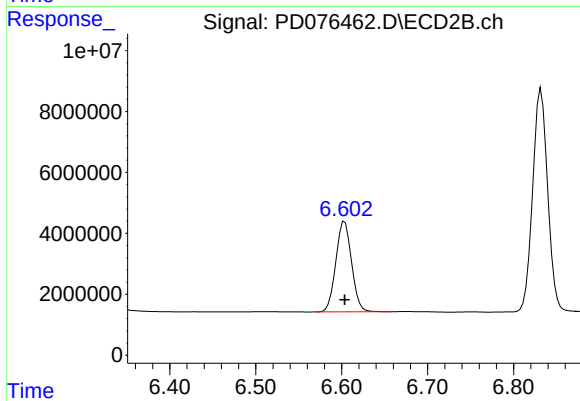
#19 Endosulfan Sulfate

R.T.: 6.326 min  
Delta R.T.: 0.000 min  
Response: 77057600  
Conc: 50.71 ng/ml



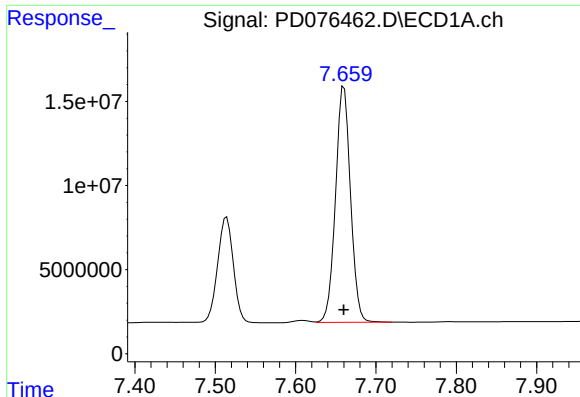
#20 Methoxychlor

R.T.: 7.514 min  
Delta R.T.: 0.002 min  
Response: 84483632  
Conc: 44.20 ng/ml



#20 Methoxychlor

R.T.: 6.603 min  
Delta R.T.: 0.000 min  
Response: 37748594  
Conc: 59.11 ng/ml



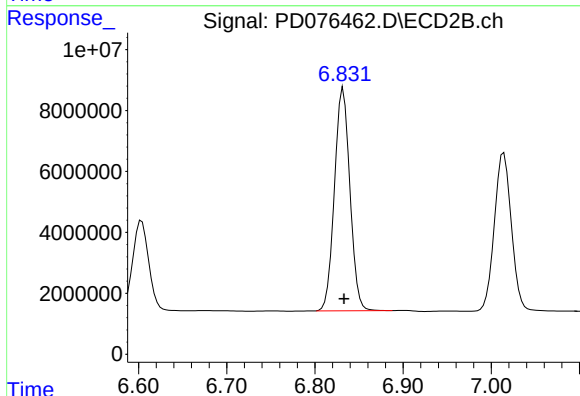
#21 Endrin ketone

R.T.: 7.660 min  
Delta R.T.: 0.000 min  
Response: 181986773  
Conc: 43.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

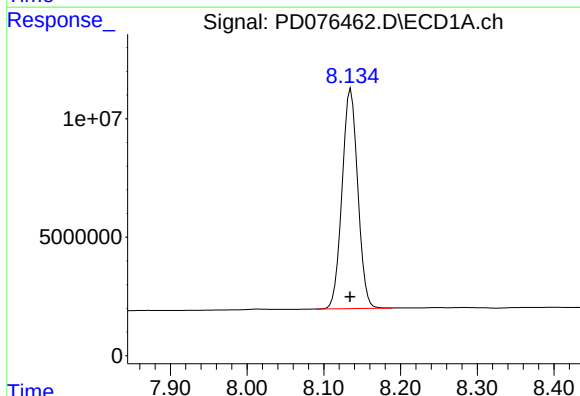
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/11/2023  
Supervised By :Ankita Jodhani 07/11/2023



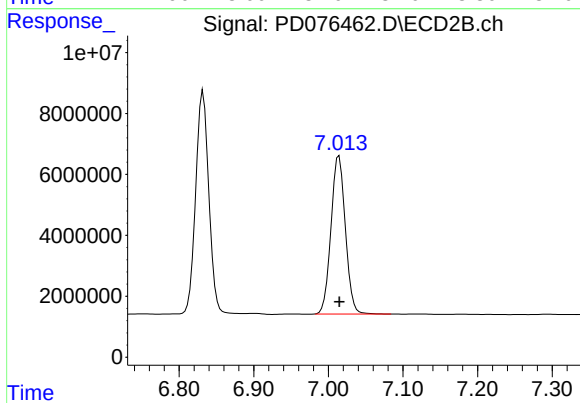
#21 Endrin ketone

R.T.: 6.832 min  
Delta R.T.: 0.000 min  
Response: 89146292  
Conc: 51.00 ng/ml



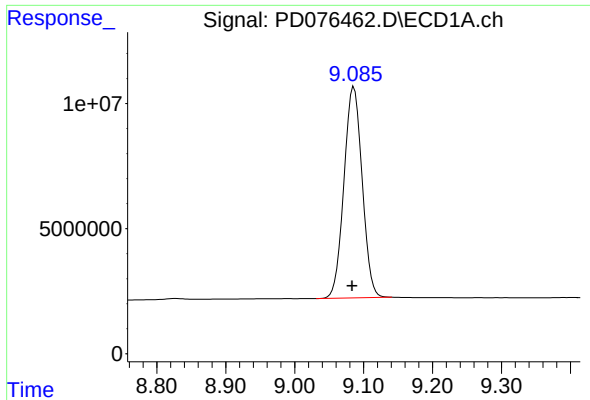
#22 Mirex

R.T.: 8.135 min  
Delta R.T.: 0.000 min  
Response: 132226501  
Conc: 41.85 ng/ml



#22 Mirex

R.T.: 7.014 min  
Delta R.T.: 0.000 min  
Response: 69663641  
Conc: 47.00 ng/ml



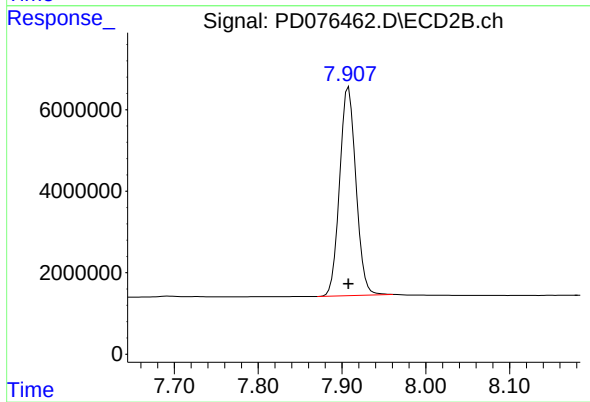
#28 Decachlorobiphenyl

R.T.: 9.086 min  
Delta R.T.: 0.003 min  
Response: 154983671  
Conc: 43.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/11/2023  
Supervised By :Ankita Jodhani 07/11/2023



#28 Decachlorobiphenyl

R.T.: 7.908 min  
Delta R.T.: 0.000 min  
Response: 69354614  
Conc: 55.11 ng/ml