

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052124\  
 Data File : PD082925.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 May 2024 08:45  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 05/20/2024  
 Supervised By : Ankita Jodhani 05/20/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 20 01:06:27 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 13 15:39:20 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... | 3.567 | 2.779 | 78977561 | 222.1E6 | 51.013  | 56.052 |
| 28)                         | SA Decachlor... | 9.121 | 7.904 | 93007391 | 191.6E6 | 46.575  | 49.577 |
| Target Compounds            |                 |       |       |          |         |         |        |
| 2)                          | A alpha-BHC     | 4.023 | 3.277 | 141.7E6  | 349.9E6 | 51.726  | 56.091 |
| 3)                          | MA gamma-BHC... | 4.357 | 3.605 | 138.9E6  | 329.8E6 | 52.536  | 55.795 |
| 4)                          | MA Heptachlor   | 4.949 | 3.943 | 124.7E6  | 299.6E6 | 49.447  | 54.118 |
| 5)                          | MB Aldrin       | 5.293 | 4.222 | 133.0E6  | 316.5E6 | 51.607  | 55.543 |
| 6)                          | B beta-BHC      | 4.553 | 3.900 | 54552673 | 133.1E6 | 52.087  | 55.751 |
| 7)                          | B delta-BHC     | 4.802 | 4.129 | 135.1E6  | 331.5E6 | 54.378  | 57.270 |
| 8)                          | B Heptachlo...  | 5.718 | 4.723 | 118.3E6  | 277.8E6 | 50.717m | 55.152 |
| 9)                          | A Endosulfan I  | 6.108 | 5.092 | 106.9E6  | 245.4E6 | 49.505  | 53.203 |
| 10)                         | B gamma-Chl...  | 5.977 | 4.972 | 117.0E6  | 273.7E6 | 51.654  | 54.753 |
| 11)                         | B alpha-Chl...  | 6.056 | 5.037 | 112.9E6  | 269.2E6 | 49.915  | 54.203 |
| 12)                         | B 4,4'-DDE      | 6.228 | 5.225 | 107.4E6  | 258.6E6 | 49.074  | 55.398 |
| 13)                         | MA Dieldrin     | 6.383 | 5.357 | 108.7E6  | 274.3E6 | 48.612  | 54.568 |
| 14)                         | MA Endrin       | 6.614 | 5.632 | 85970305 | 226.0E6 | 45.692  | 51.676 |
| 15)                         | B Endosulfa...  | 6.834 | 5.925 | 93134607 | 225.7E6 | 46.681  | 54.050 |
| 16)                         | A 4,4'-DDD      | 6.747 | 5.778 | 80261233 | 215.9E6 | 50.177  | 57.388 |
| 17)                         | MA 4,4'-DDT     | 7.062 | 6.029 | 76597525 | 195.7E6 | 45.375  | 51.047 |
| 18)                         | B Endrin al...  | 6.964 | 6.104 | 72312797 | 176.1E6 | 51.647  | 56.413 |
| 19)                         | B Endosulfa...  | 7.200 | 6.326 | 85864560 | 214.4E6 | 48.664  | 53.759 |
| 20)                         | A Methoxychlor  | 7.539 | 6.604 | 40796472 | 102.1E6 | 44.506  | 50.230 |
| 21)                         | B Endrin ke...  | 7.686 | 6.832 | 95224915 | 247.1E6 | 49.543  | 54.353 |
| 22)                         | Mirex           | 8.163 | 7.013 | 71287452 | 182.5E6 | 46.509  | 51.080 |
| -----                       |                 |       |       |          |         |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052124\  
Data File : PD082925.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 May 2024 08:45  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

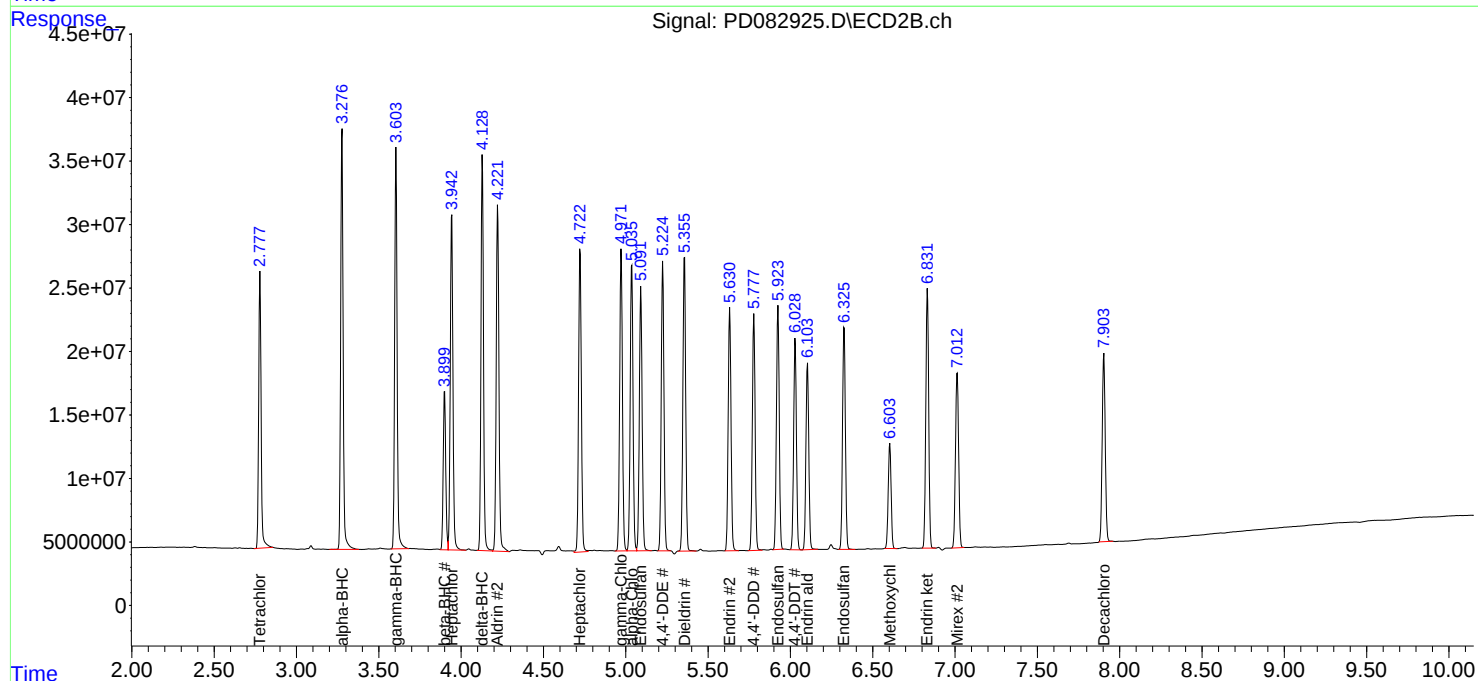
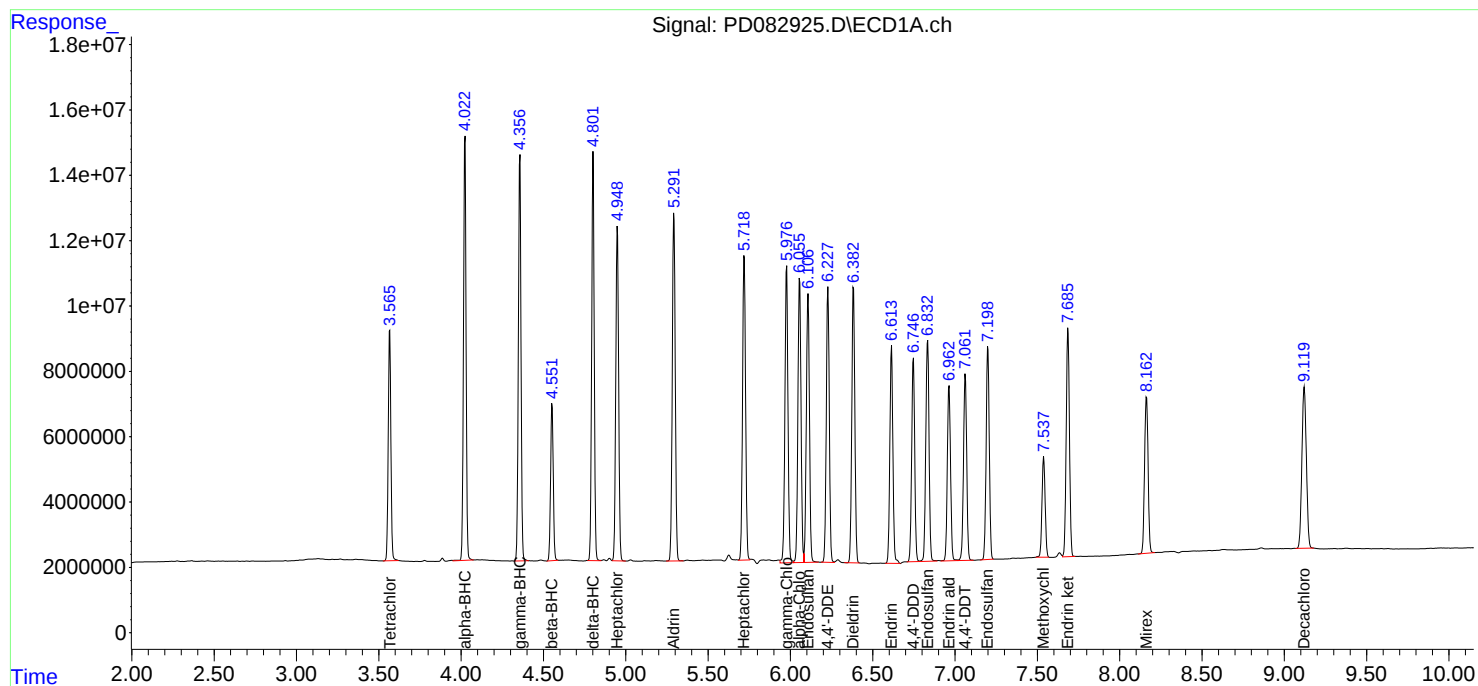
## APPROVED

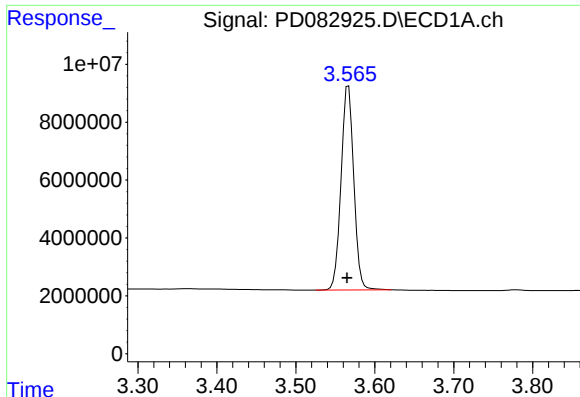
Reviewed By :Abdul Mirza 05/20/2024

Supervised By :Ankita Jodhani 05/20/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 01:06:27 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051324.M  
Quant Title : GC Extractables  
QLast Update : Mon May 13 15:39:20 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





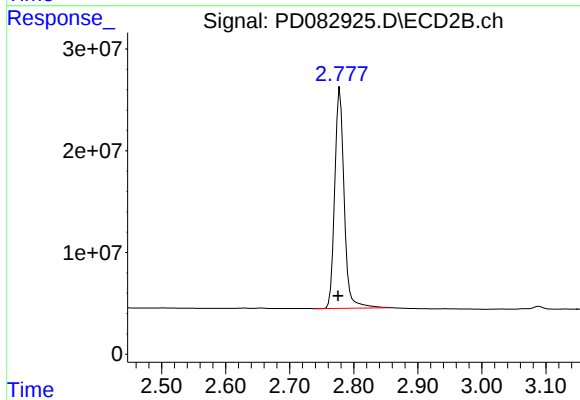
#1 Tetrachloro-m-xylene

R.T.: 3.567 min  
Delta R.T.: 0.002 min  
Response: 78977561  
Conc: 51.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

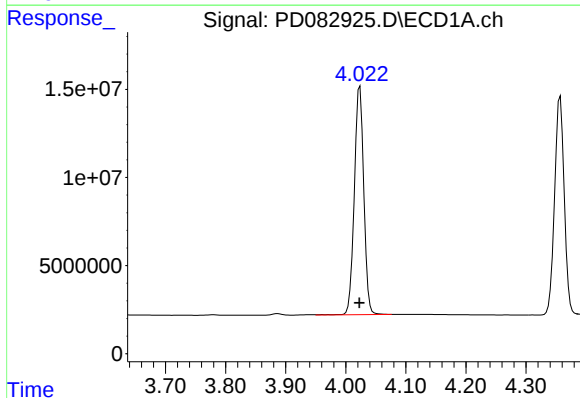
Manual Integrations  
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Reviewed By :Abdul Mirza 05/20/2024  
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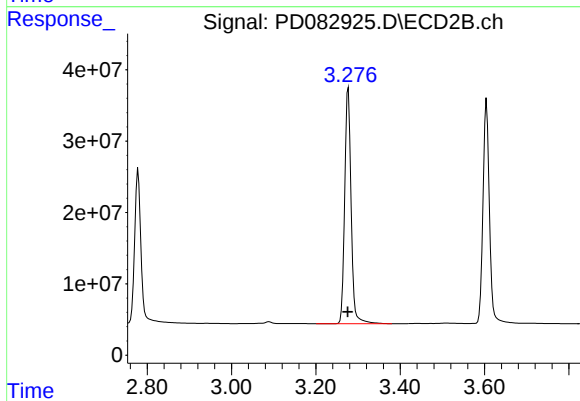
#1 Tetrachloro-m-xylene

R.T.: 2.779 min  
Delta R.T.: 0.003 min  
Response: 222147841  
Conc: 56.05 ng/ml



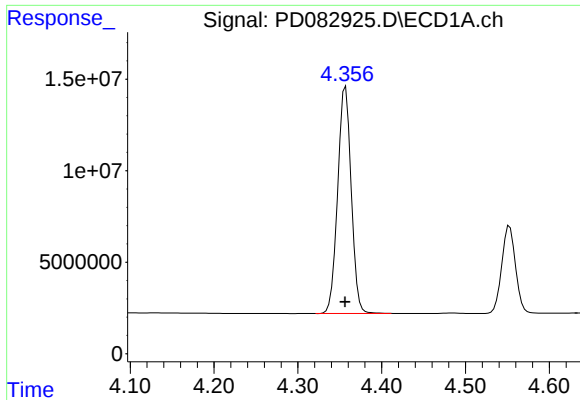
#2 alpha-BHC

R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 141684963  
Conc: 51.73 ng/ml



#2 alpha-BHC

R.T.: 3.277 min  
Delta R.T.: 0.002 min  
Response: 349894589  
Conc: 56.09 ng/ml



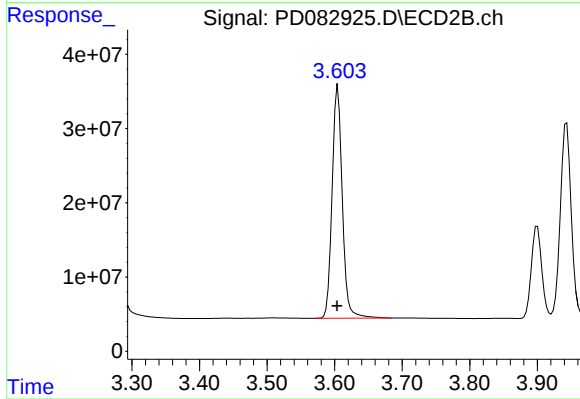
#3 gamma-BHC (Lindane)

R.T.: 4.357 min  
Delta R.T.: 0.000 min  
Response: 138862515  
Conc: 52.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

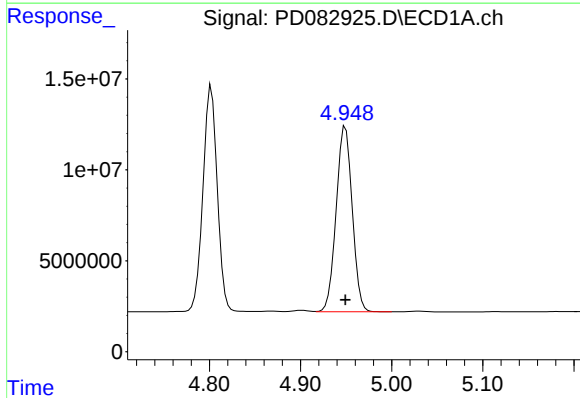
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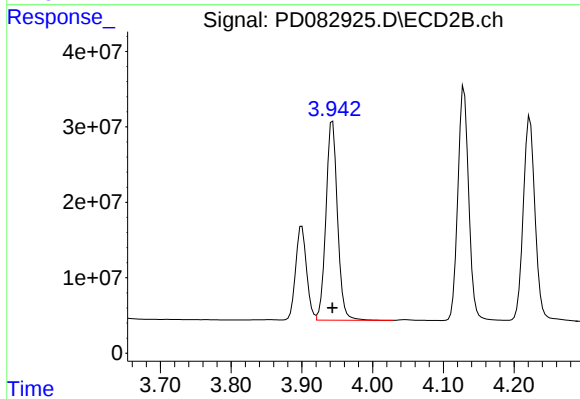
#3 gamma-BHC (Lindane)

R.T.: 3.605 min  
Delta R.T.: 0.000 min  
Response: 329751046  
Conc: 55.79 ng/ml



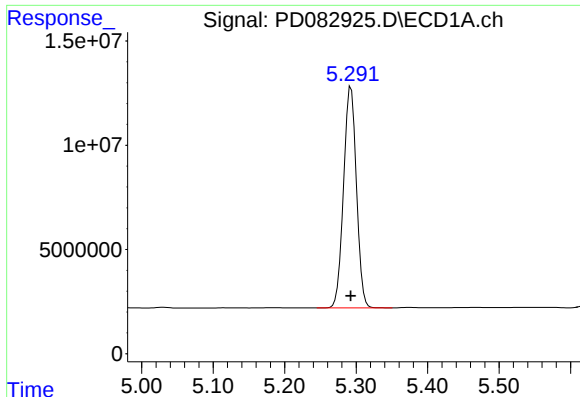
#4 Heptachlor

R.T.: 4.949 min  
Delta R.T.: 0.000 min  
Response: 124709345  
Conc: 49.45 ng/ml



#4 Heptachlor

R.T.: 3.943 min  
Delta R.T.: 0.000 min  
Response: 299559133  
Conc: 54.12 ng/ml



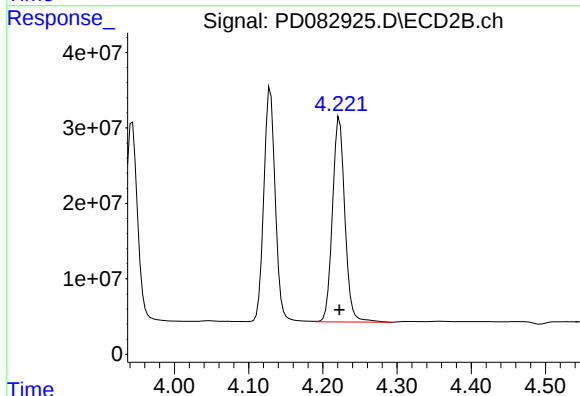
#5 Aldrin

R.T.: 5.293 min  
Delta R.T.: 0.000 min  
Response: 132984583  
Conc: 51.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

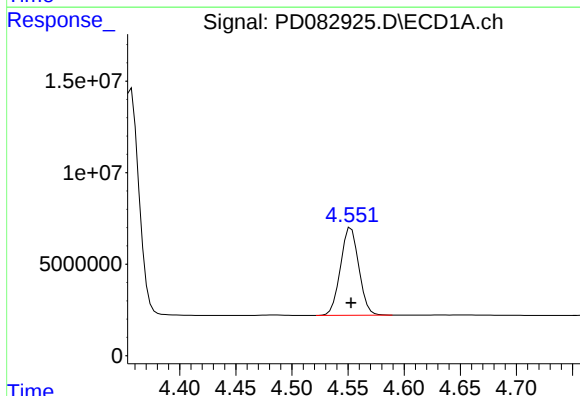
Manual Integrations  
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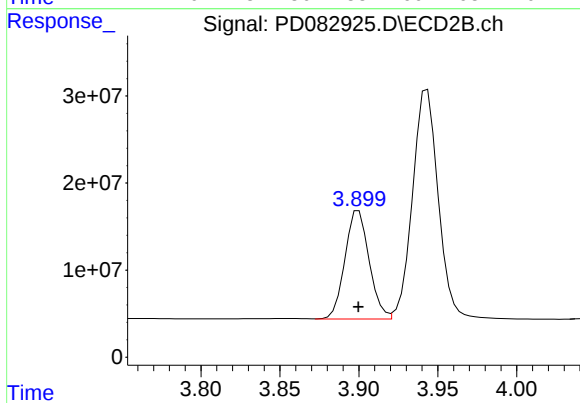
#5 Aldrin

R.T.: 4.222 min  
Delta R.T.: 0.000 min  
Response: 316513894  
Conc: 55.54 ng/ml



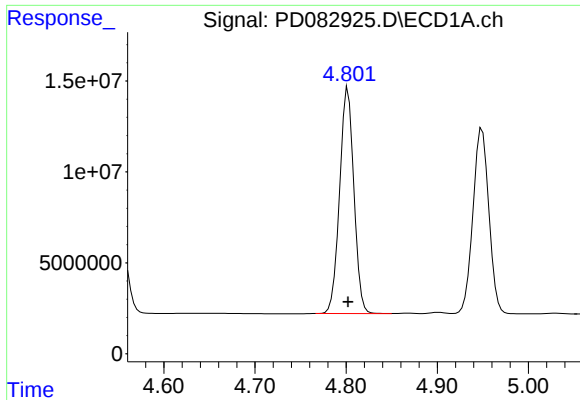
#6 beta-BHC

R.T.: 4.553 min  
Delta R.T.: 0.000 min  
Response: 54552673  
Conc: 52.09 ng/ml



#6 beta-BHC

R.T.: 3.900 min  
Delta R.T.: 0.000 min  
Response: 133138833  
Conc: 55.75 ng/ml



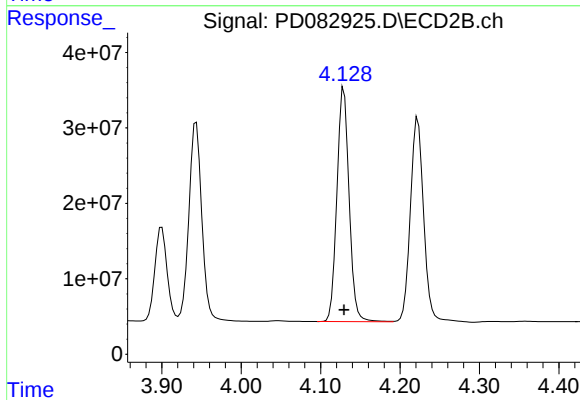
#7 delta-BHC

R.T.: 4.802 min  
Delta R.T.: 0.000 min  
Response: 135115271  
Conc: 54.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

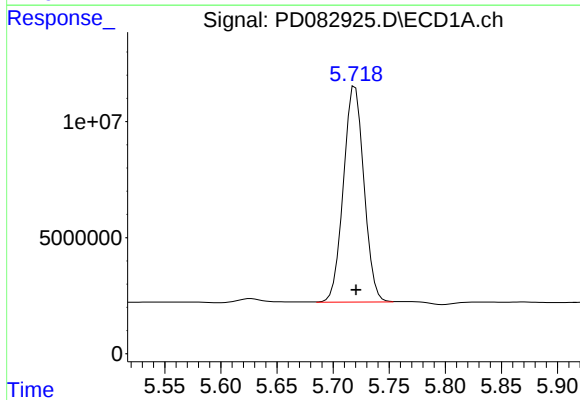
Manual Integrations  
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Supervised By :Ankita Jodhani 05/20/2024



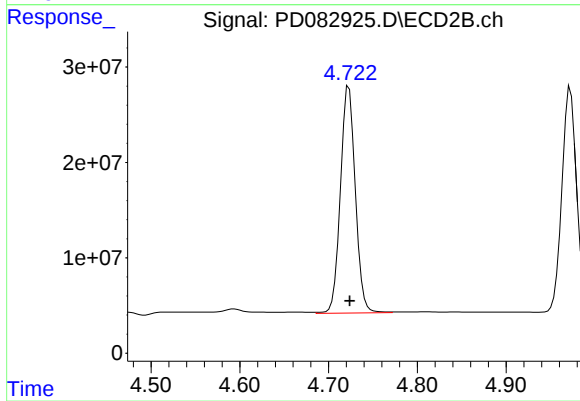
#7 delta-BHC

R.T.: 4.129 min  
Delta R.T.: 0.000 min  
Response: 331495409  
Conc: 57.27 ng/ml



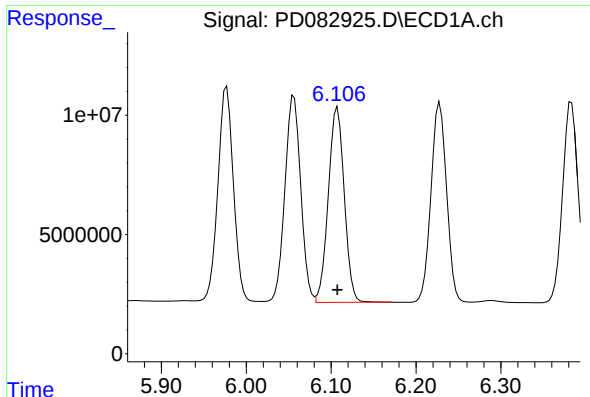
#8 Heptachlor epoxide

R.T.: 5.718 min  
Delta R.T.: -0.002 min  
Response: 118296975  
Conc: 50.72 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 277831637  
Conc: 55.15 ng/ml



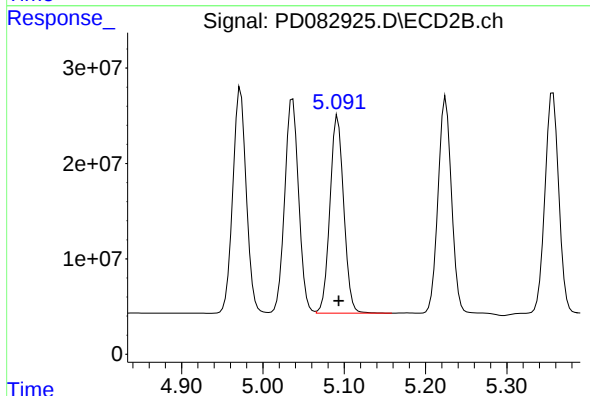
#9 Endosulfan I

R.T.: 6.108 min  
Delta R.T.: 0.000 min  
Response: 106900014  
Conc: 49.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

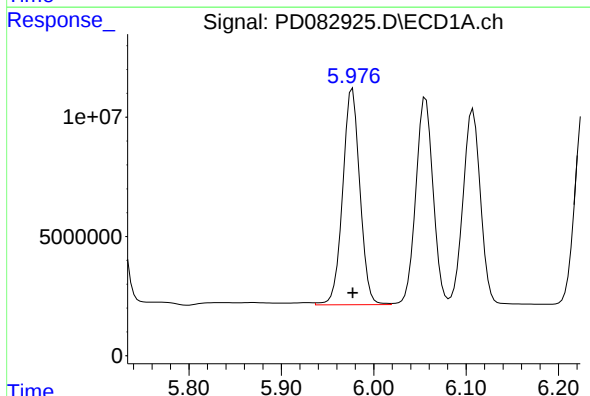
Manual Integrations  
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Supervised By :Ankita Jodhani 05/20/2024



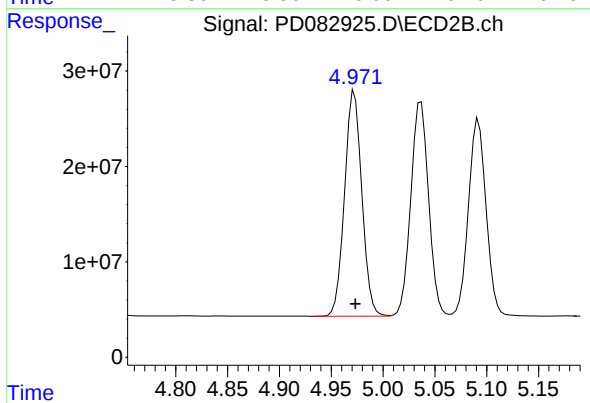
#9 Endosulfan I

R.T.: 5.092 min  
Delta R.T.: -0.001 min  
Response: 245398139  
Conc: 53.20 ng/ml



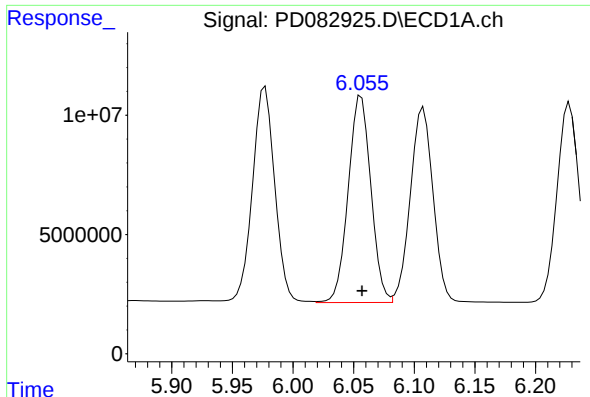
#10 gamma-Chlordane

R.T.: 5.977 min  
Delta R.T.: 0.000 min  
Response: 116992055  
Conc: 51.65 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min  
Delta R.T.: 0.000 min  
Response: 273700524  
Conc: 54.75 ng/ml



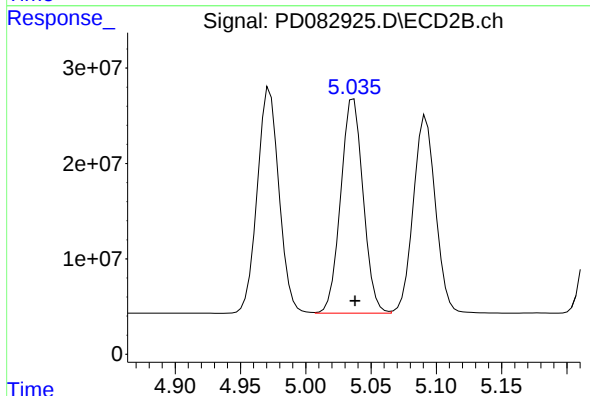
#11 alpha-Chlordane

R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 112922001  
Conc: 49.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

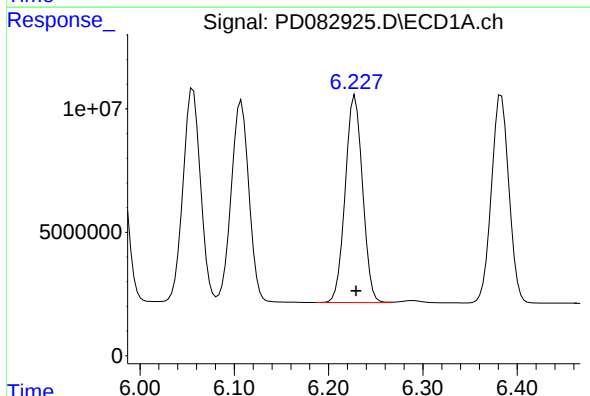
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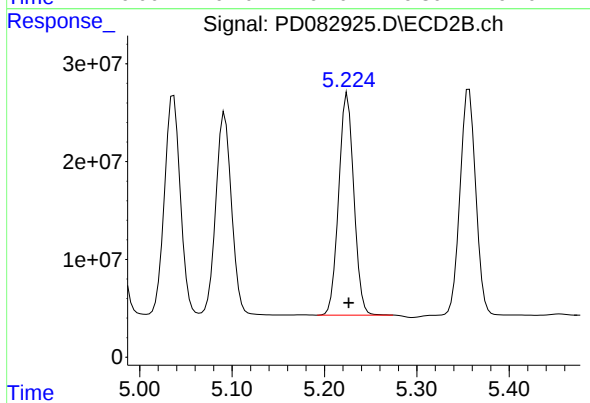
#11 alpha-Chlordane

R.T.: 5.037 min  
Delta R.T.: -0.001 min  
Response: 269175902  
Conc: 54.20 ng/ml



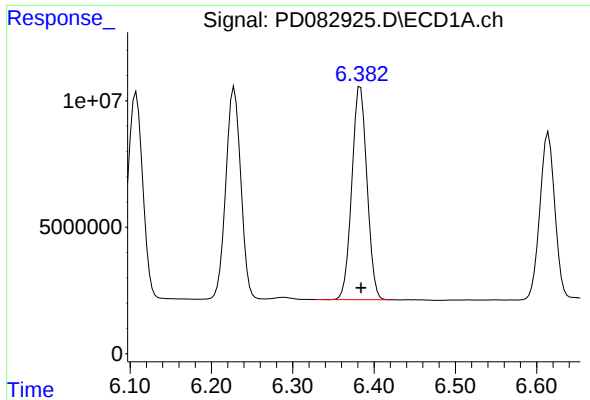
#12 4,4'-DDE

R.T.: 6.228 min  
Delta R.T.: -0.001 min  
Response: 107368677  
Conc: 49.07 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min  
Delta R.T.: -0.001 min  
Response: 258593822  
Conc: 55.40 ng/ml



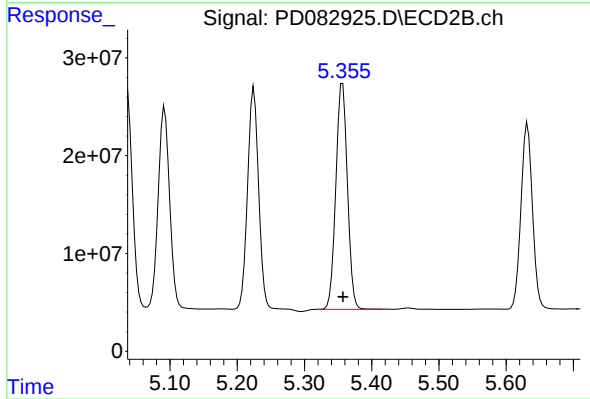
#13 Dieldrin

R.T.: 6.383 min  
Delta R.T.: 0.000 min  
Response: 108714649  
Conc: 48.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

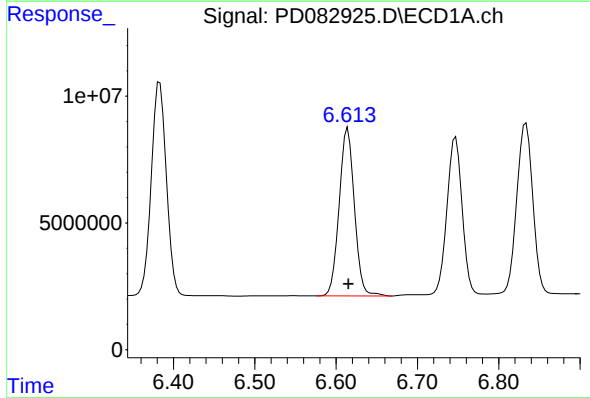
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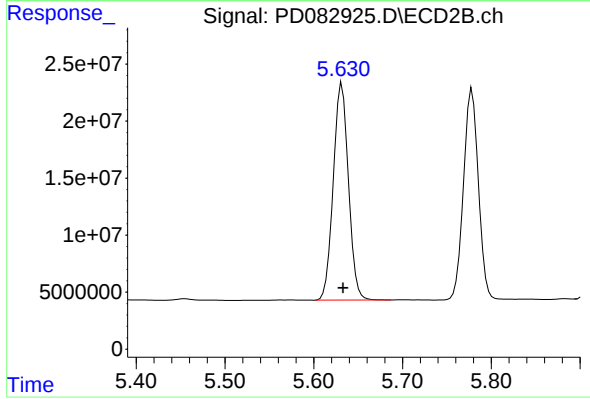
#13 Dieldrin

R.T.: 5.357 min  
Delta R.T.: -0.001 min  
Response: 274256938  
Conc: 54.57 ng/ml



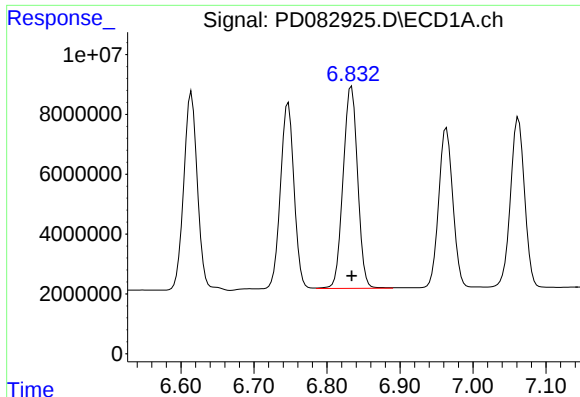
#14 Endrin

R.T.: 6.614 min  
Delta R.T.: 0.000 min  
Response: 85970305  
Conc: 45.69 ng/ml



#14 Endrin

R.T.: 5.632 min  
Delta R.T.: -0.001 min  
Response: 225968201  
Conc: 51.68 ng/ml



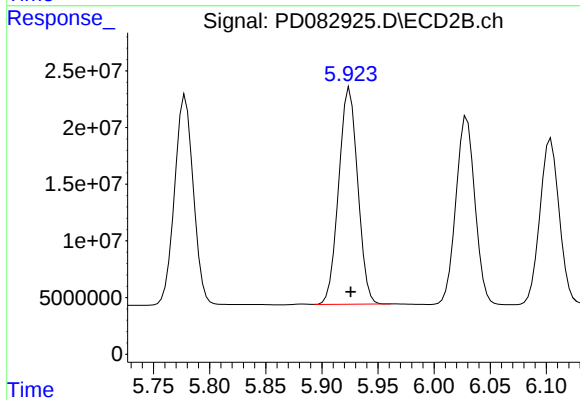
#15 Endosulfan II

R.T.: 6.834 min  
Delta R.T.: 0.000 min  
Response: 93134607  
Conc: 46.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

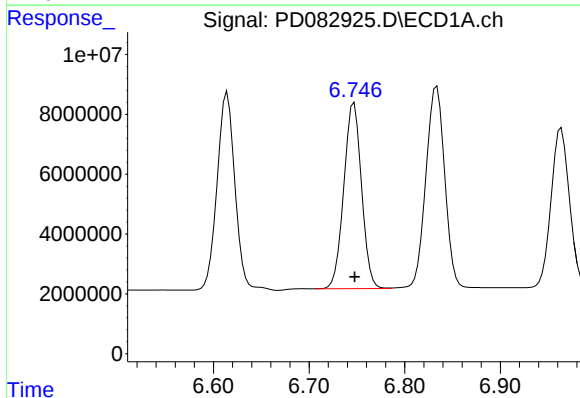
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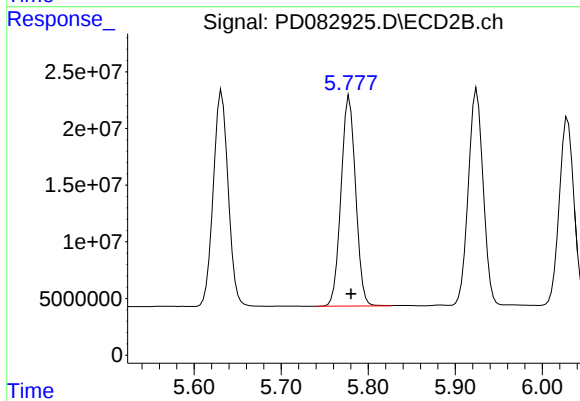
#15 Endosulfan II

R.T.: 5.925 min  
Delta R.T.: -0.001 min  
Response: 225711251  
Conc: 54.05 ng/ml



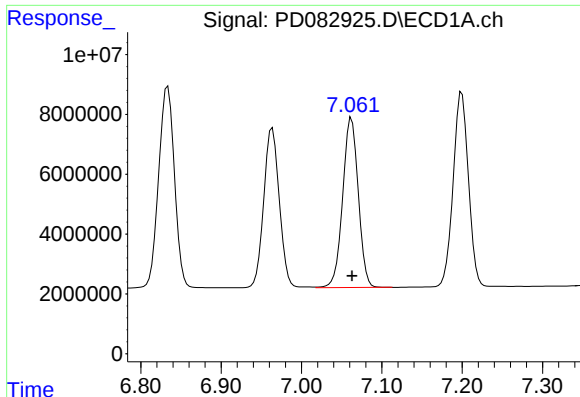
#16 4,4'-DDD

R.T.: 6.747 min  
Delta R.T.: 0.000 min  
Response: 80261233  
Conc: 50.18 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min  
Delta R.T.: -0.002 min  
Response: 215897307  
Conc: 57.39 ng/ml



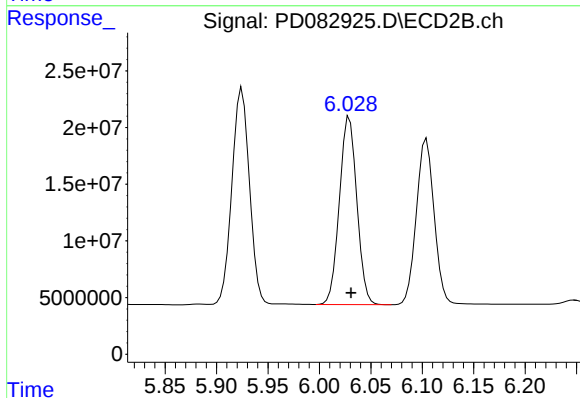
#17 4,4'-DDT

R.T.: 7.062 min  
Delta R.T.: 0.000 min  
Response: 76597525  
Conc: 45.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

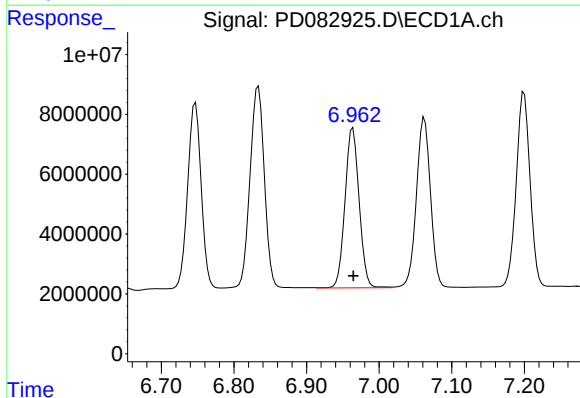
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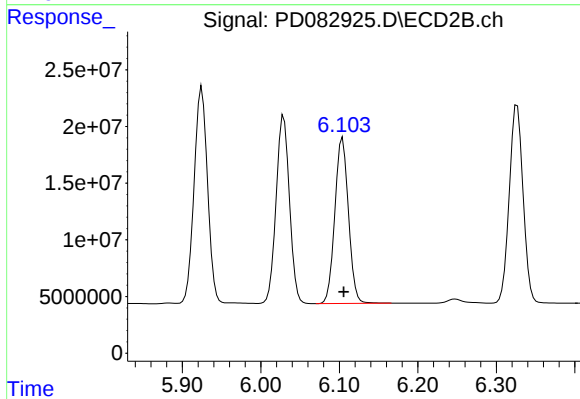
#17 4,4'-DDT

R.T.: 6.029 min  
Delta R.T.: -0.002 min  
Response: 195748684  
Conc: 51.05 ng/ml



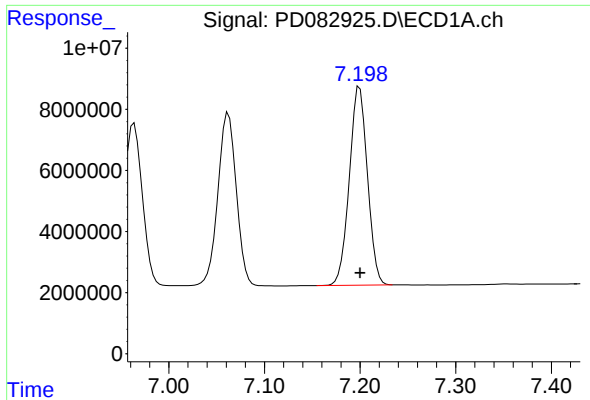
#18 Endrin aldehyde

R.T.: 6.964 min  
Delta R.T.: 0.000 min  
Response: 72312797  
Conc: 51.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min  
Delta R.T.: -0.001 min  
Response: 176119549  
Conc: 56.41 ng/ml



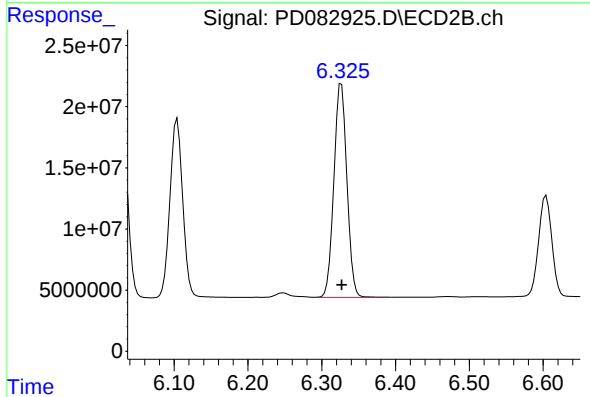
#19 Endosulfan Sulfate

R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 85864560  
Conc: 48.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

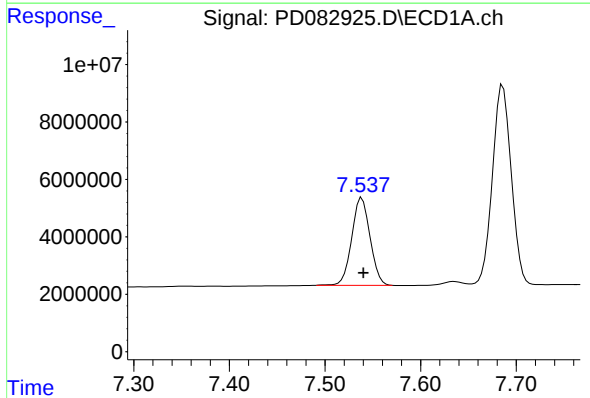
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Supervised By :Ankita Jodhani 05/20/2024



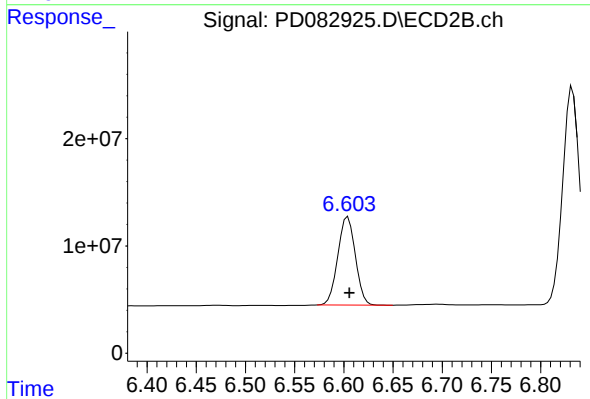
#19 Endosulfan Sulfate

R.T.: 6.326 min  
Delta R.T.: 0.000 min  
Response: 214354106  
Conc: 53.76 ng/ml



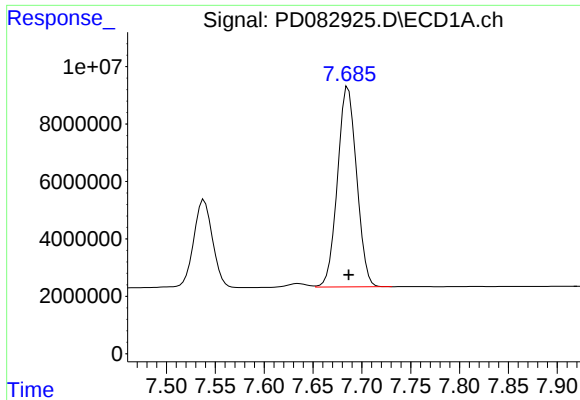
#20 Methoxychlor

R.T.: 7.539 min  
Delta R.T.: -0.002 min  
Response: 40796472  
Conc: 44.51 ng/ml



#20 Methoxychlor

R.T.: 6.604 min  
Delta R.T.: -0.002 min  
Response: 102063804  
Conc: 50.23 ng/ml



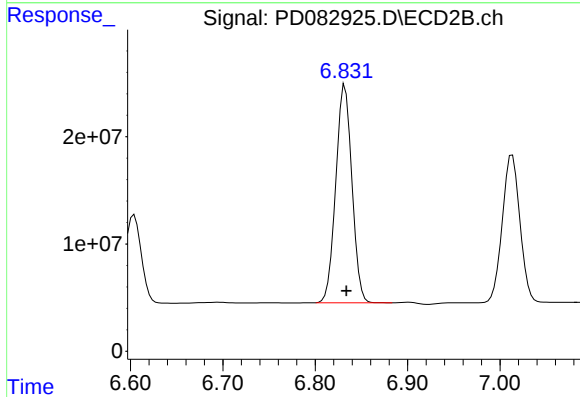
#21 Endrin ketone

R.T.: 7.686 min  
Delta R.T.: 0.000 min  
Response: 95224915  
Conc: 49.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

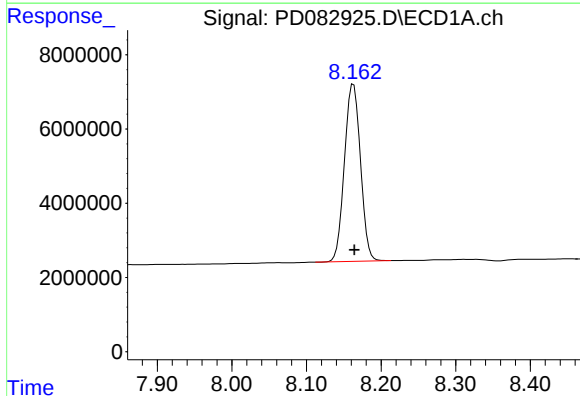
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/20/2024  
Supervised By :Ankita Jodhani 05/20/2024



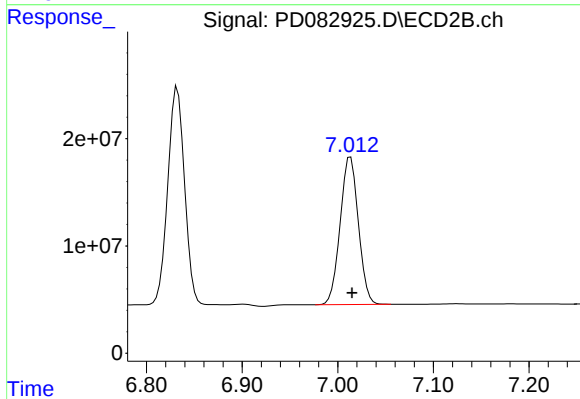
#21 Endrin ketone

R.T.: 6.832 min  
Delta R.T.: -0.001 min  
Response: 247082264  
Conc: 54.35 ng/ml



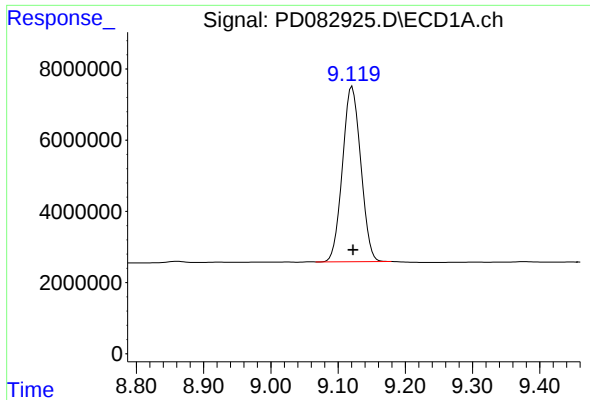
#22 Mirex

R.T.: 8.163 min  
Delta R.T.: -0.001 min  
Response: 71287452  
Conc: 46.51 ng/ml



#22 Mirex

R.T.: 7.013 min  
Delta R.T.: -0.002 min  
Response: 182497143  
Conc: 51.08 ng/ml



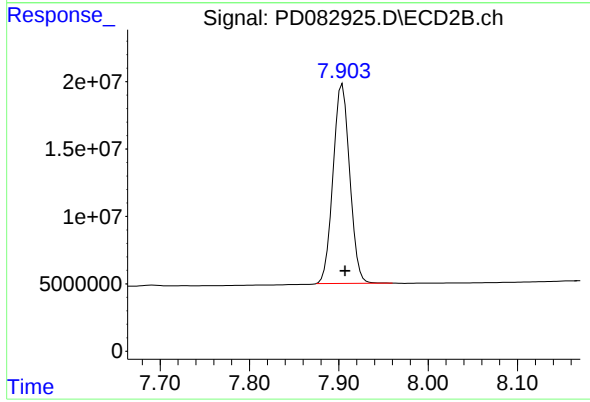
#28 Decachlorobiphenyl

R.T.: 9.121 min  
Delta R.T.: -0.002 min  
Response: 93007391  
Conc: 46.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/20/2024  
Supervised By :Ankita Jodhani 05/20/2024



#28 Decachlorobiphenyl

R.T.: 7.904 min  
Delta R.T.: -0.003 min  
Response: 191631349  
Conc: 49.58 ng/ml