

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073123\  
 Data File : PL084373.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Jul 2023 12:09  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 08/01/2023  
 Supervised By : Ankita Jodhani 08/01/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 31 20:18:04 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 14 00:03:54 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|--------|
| -----                       |                 |       |       |          |          |         |        |
| System Monitoring Compounds |                 |       |       |          |          |         |        |
| 1)                          | SA Tetrachlo... | 3.476 | 2.687 | 94108099 | 45253981 | 47.057  | 40.748 |
| 28)                         | SA Decachlor... | 9.026 | 7.870 | 65698374 | 51117957 | 50.473  | 46.005 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.934 | 3.192 | 140.5E6  | 68527419 | 47.953  | 42.620 |
| 3)                          | MA gamma-BHC... | 4.268 | 3.523 | 133.7E6  | 66432189 | 47.331  | 43.686 |
| 4)                          | MA Heptachlor   | 4.860 | 3.864 | 145.3E6  | 60984941 | 53.456  | 51.749 |
| 5)                          | MB Aldrin       | 5.203 | 4.144 | 138.2E6  | 63721347 | 48.235  | 42.260 |
| 6)                          | B beta-BHC      | 4.467 | 3.825 | 58632460 | 29079405 | 48.867  | 44.056 |
| 7)                          | B delta-BHC     | 4.714 | 4.053 | 141.3E6  | 66578217 | 53.022  | 44.015 |
| 8)                          | B Heptachlo...  | 5.633 | 4.651 | 127.3E6  | 56339896 | 47.681  | 43.872 |
| 9)                          | A Endosulfan I  | 6.019 | 5.021 | 107.1E6  | 53213773 | 45.244  | 43.386 |
| 10)                         | B gamma-Chl...  | 5.890 | 4.904 | 117.4E6  | 58053288 | 45.470  | 43.578 |
| 11)                         | B alpha-Chl...  | 5.970 | 4.968 | 115.1E6  | 58385394 | 45.284  | 43.340 |
| 12)                         | B 4,4'-DDE      | 6.149 | 5.166 | 97256278 | 49700013 | 48.338  | 40.461 |
| 13)                         | MA Dieldrin     | 6.296 | 5.288 | 109.6E6  | 58358879 | 45.876  | 44.810 |
| 14)                         | MA Endrin       | 6.523 | 5.563 | 90843056 | 51032090 | 47.701m | 46.425 |
| 15)                         | B Endosulfa...  | 6.744 | 5.861 | 87910187 | 51231246 | 46.903m | 44.574 |
| 16)                         | A 4,4'-DDD      | 6.667 | 5.724 | 73774387 | 44552110 | 50.237  | 46.440 |
| 17)                         | MA 4,4'-DDT     | 6.984 | 5.975 | 78887694 | 47063346 | 49.466  | 51.673 |
| 18)                         | B Endrin al...  | 6.876 | 6.042 | 69576089 | 41400492 | 47.489  | 46.055 |
| 19)                         | B Endosulfa...  | 7.111 | 6.267 | 82374974 | 50497483 | 47.652m | 45.948 |
| 20)                         | A Methoxychlor  | 7.464 | 6.561 | 40034180 | 28119059 | 51.180m | 58.674 |
| 21)                         | B Endrin ke...  | 7.597 | 6.772 | 83172479 | 58862193 | 47.460  | 45.556 |
| 22)                         | Mirex           | 8.073 | 6.953 | 66802137 | 47972284 | 46.684  | 47.001 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073123\  
Data File : PL084373.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Jul 2023 12:09  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

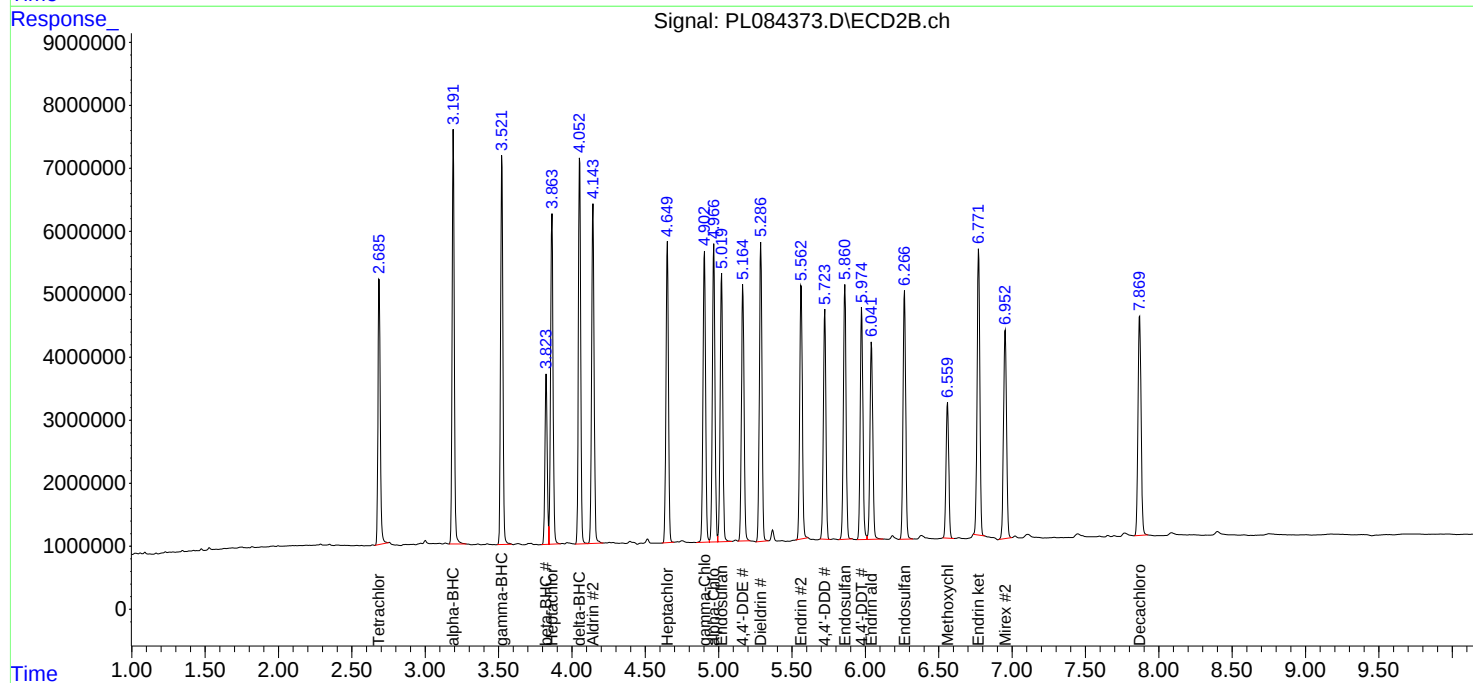
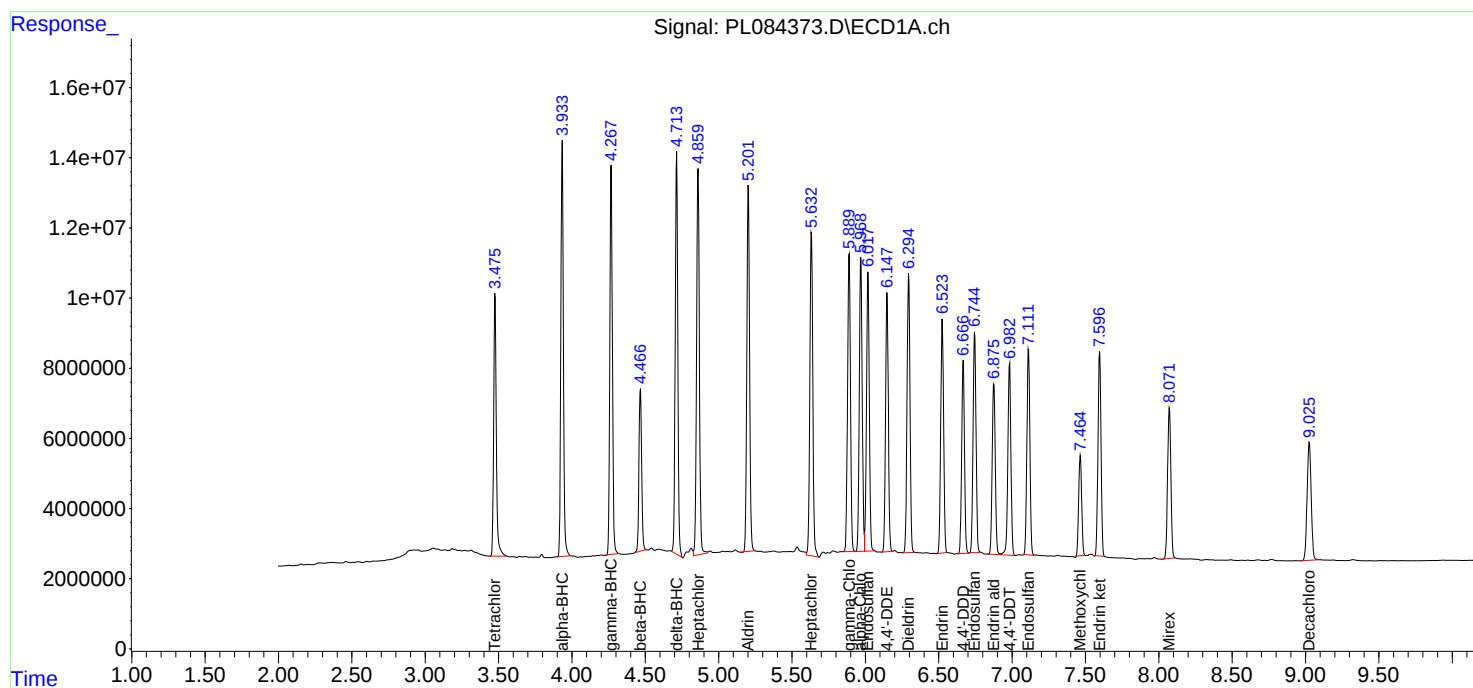
## APPROVED

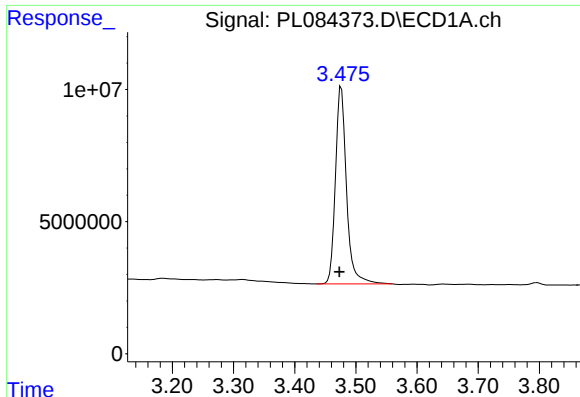
Reviewed By :Abdul Mirza 08/01/2023

Supervised By :Ankita Jodhani 08/01/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 31 20:18:04 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 14 00:03:54 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





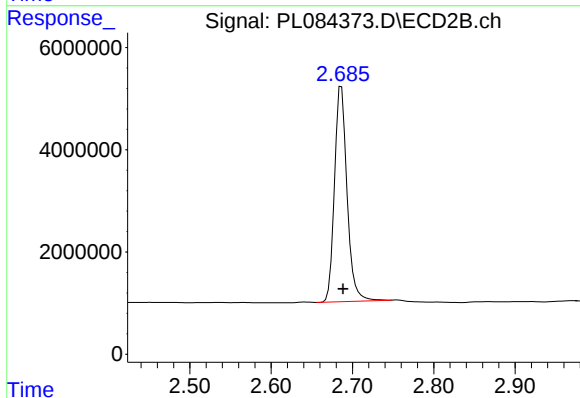
#1 Tetrachloro-m-xylene

R.T.: 3.476 min  
Delta R.T.: 0.003 min  
Response: 94108099  
Conc: 47.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

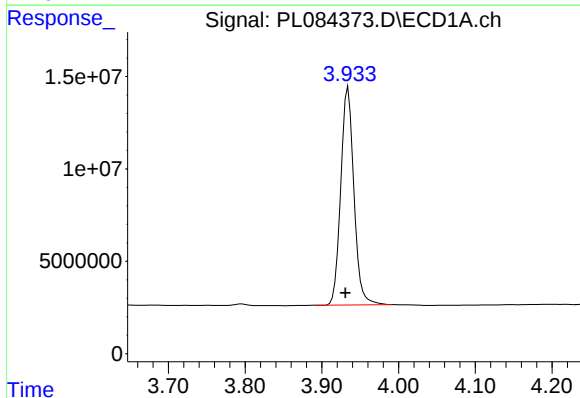
Manual Integrations  
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Reviewed By :Abdul Mirza 08/01/2023  
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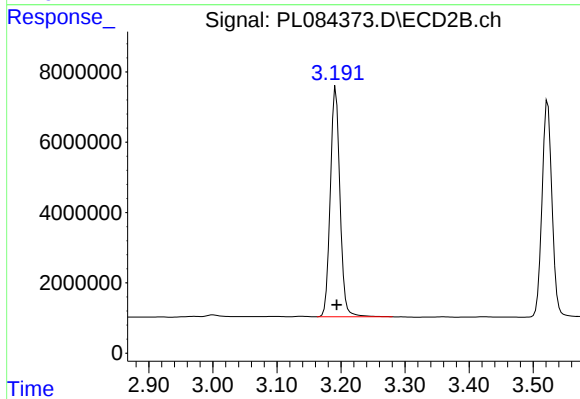
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: -0.002 min  
Response: 45253981  
Conc: 40.75 ng/ml



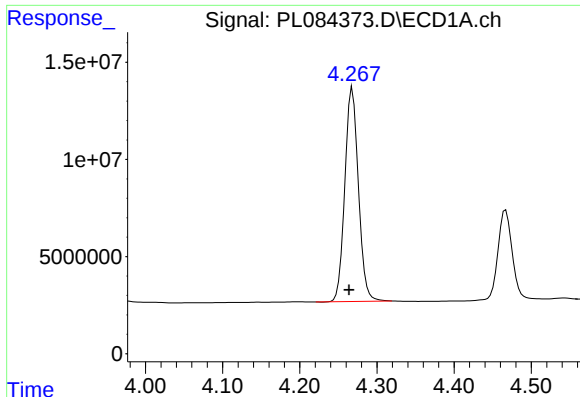
#2 alpha-BHC

R.T.: 3.934 min  
Delta R.T.: 0.004 min  
Response: 140493468  
Conc: 47.95 ng/ml



#2 alpha-BHC

R.T.: 3.192 min  
Delta R.T.: -0.001 min  
Response: 68527419  
Conc: 42.62 ng/ml



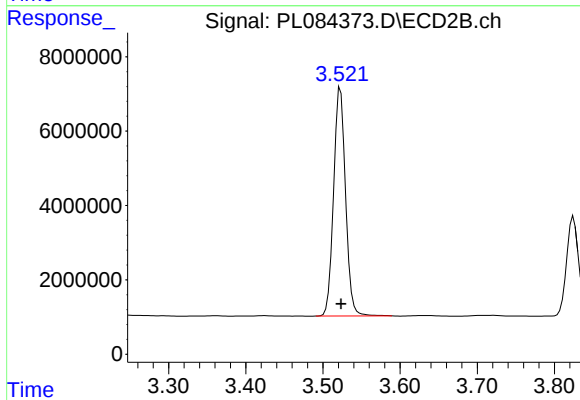
#3 gamma-BHC (Lindane)

R.T.: 4.268 min  
Delta R.T.: 0.004 min  
Response: 133725956  
Conc: 47.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

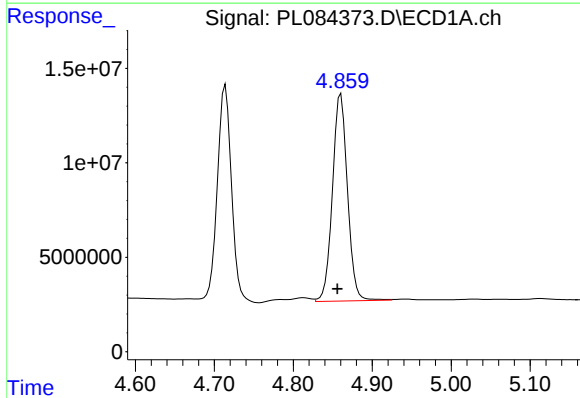
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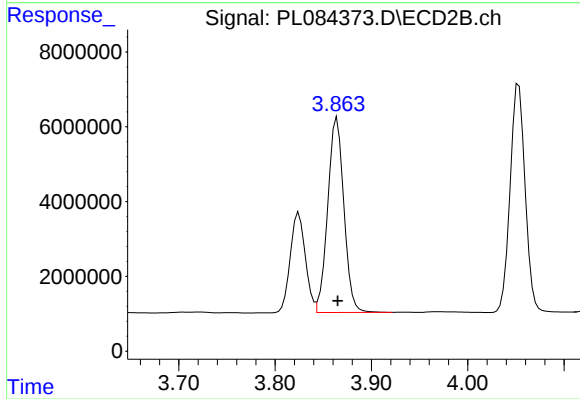
#3 gamma-BHC (Lindane)

R.T.: 3.523 min  
Delta R.T.: 0.000 min  
Response: 66432189  
Conc: 43.69 ng/ml



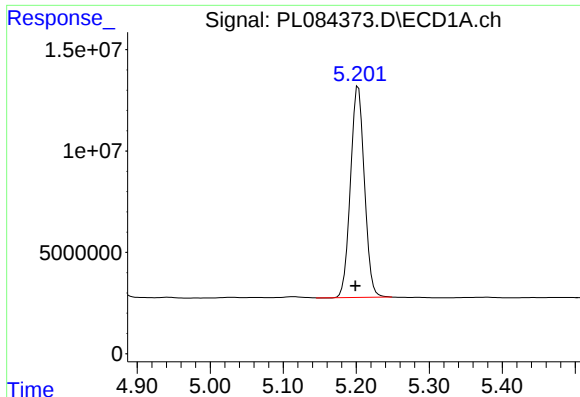
#4 Heptachlor

R.T.: 4.860 min  
Delta R.T.: 0.005 min  
Response: 145271690  
Conc: 53.46 ng/ml



#4 Heptachlor

R.T.: 3.864 min  
Delta R.T.: 0.000 min  
Response: 60984941  
Conc: 51.75 ng/ml



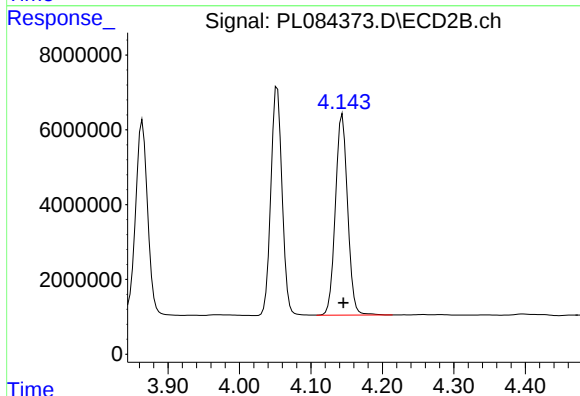
#5 Aldrin

R.T.: 5.203 min  
Delta R.T.: 0.004 min  
Response: 138154648  
Conc: 48.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

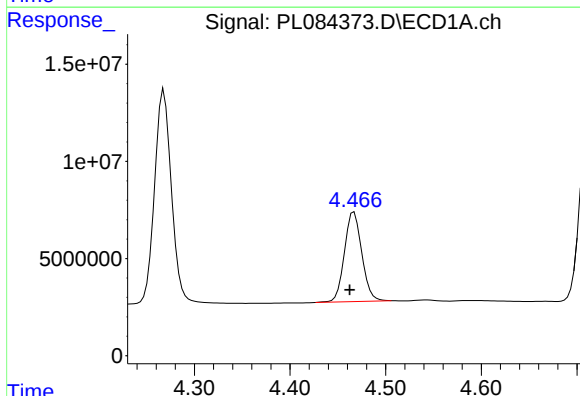
Manual Integrations  
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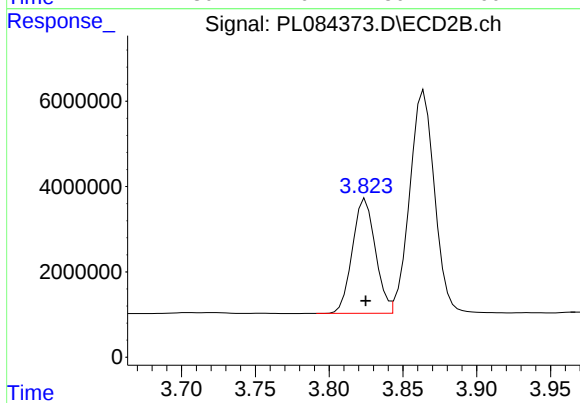
#5 Aldrin

R.T.: 4.144 min  
Delta R.T.: -0.001 min  
Response: 63721347  
Conc: 42.26 ng/ml



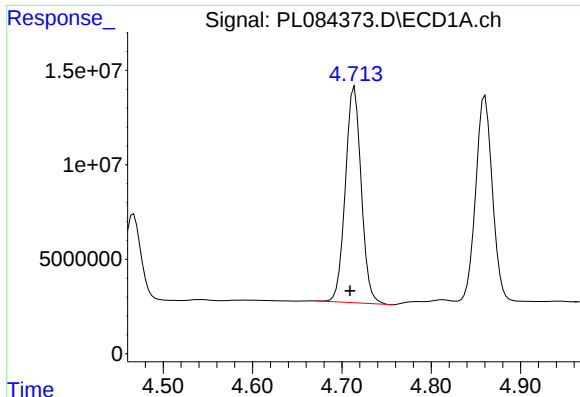
#6 beta-BHC

R.T.: 4.467 min  
Delta R.T.: 0.004 min  
Response: 58632460  
Conc: 48.87 ng/ml



#6 beta-BHC

R.T.: 3.825 min  
Delta R.T.: 0.000 min  
Response: 29079405  
Conc: 44.06 ng/ml



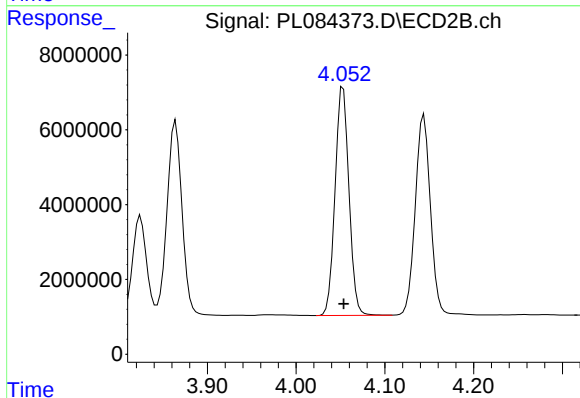
#7 delta-BHC

R.T.: 4.714 min  
Delta R.T.: 0.005 min  
Response: 141345884  
Conc: 53.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

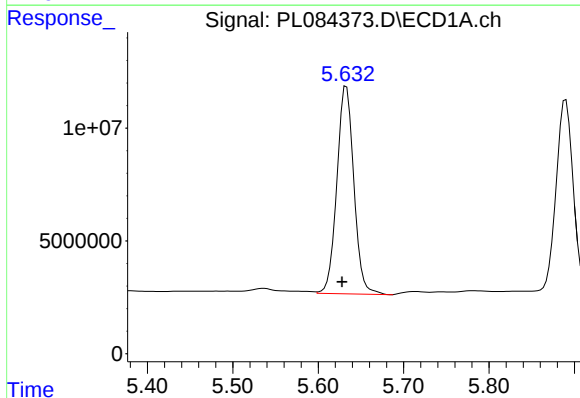
Manual Integrations  
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Supervised By :Ankita Jodhani 08/01/2023



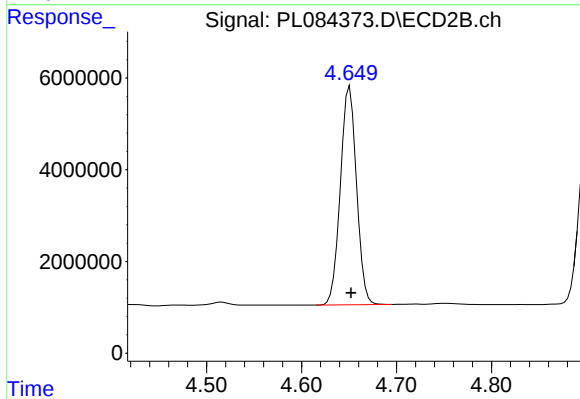
#7 delta-BHC

R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 66578217  
Conc: 44.01 ng/ml



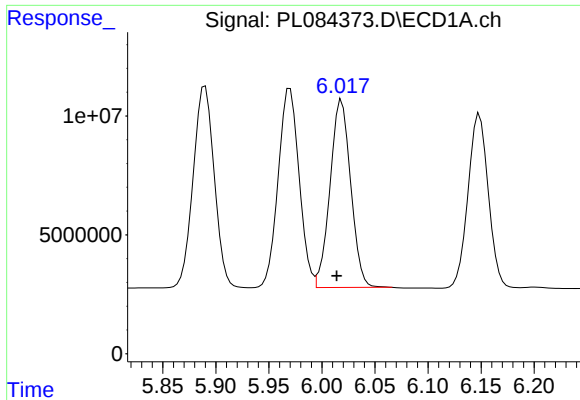
#8 Heptachlor epoxide

R.T.: 5.633 min  
Delta R.T.: 0.005 min  
Response: 127289421  
Conc: 47.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.651 min  
Delta R.T.: -0.001 min  
Response: 56339896  
Conc: 43.87 ng/ml



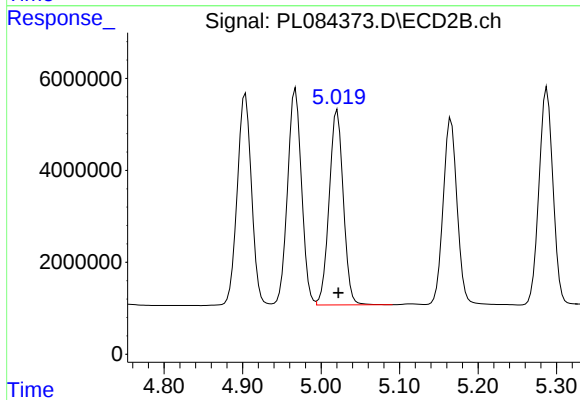
#9 Endosulfan I

R.T.: 6.019 min  
Delta R.T.: 0.005 min  
Response: 107148054  
Conc: 45.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

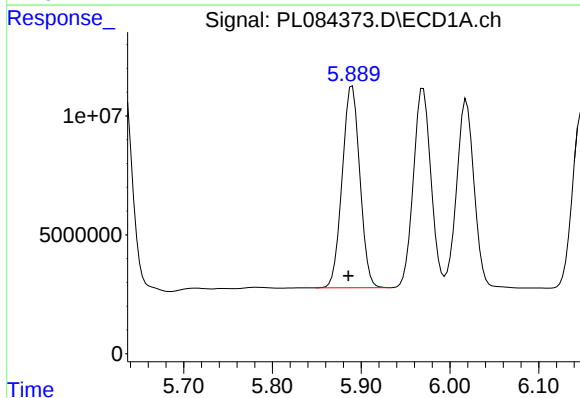
Manual Integrations  
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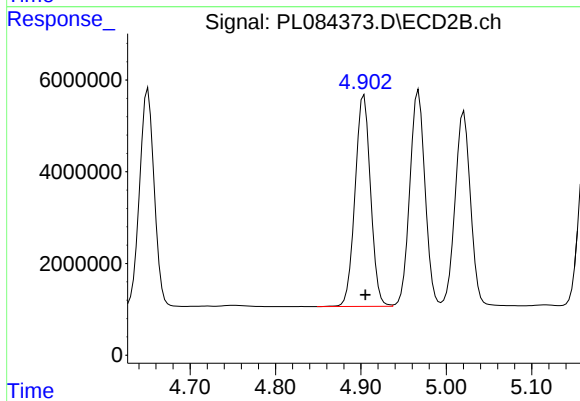
#9 Endosulfan I

R.T.: 5.021 min  
Delta R.T.: -0.002 min  
Response: 53213773  
Conc: 43.39 ng/ml



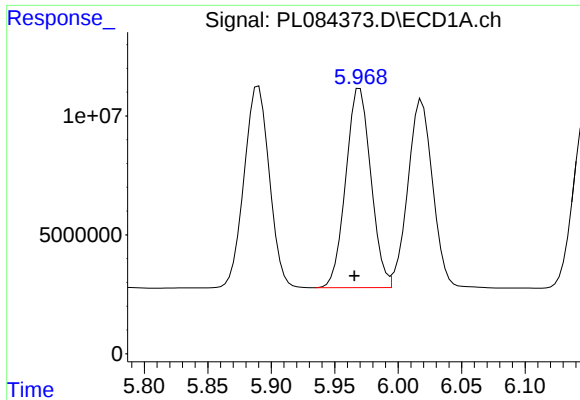
#10 gamma-Chlordane

R.T.: 5.890 min  
Delta R.T.: 0.004 min  
Response: 117401111  
Conc: 45.47 ng/ml



#10 gamma-Chlordane

R.T.: 4.904 min  
Delta R.T.: -0.002 min  
Response: 58053288  
Conc: 43.58 ng/ml



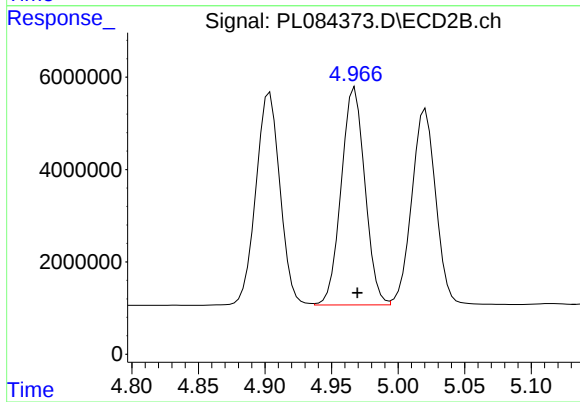
#11 alpha-Chlordane

R.T.: 5.970 min  
Delta R.T.: 0.004 min  
Response: 115115519  
Conc: 45.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

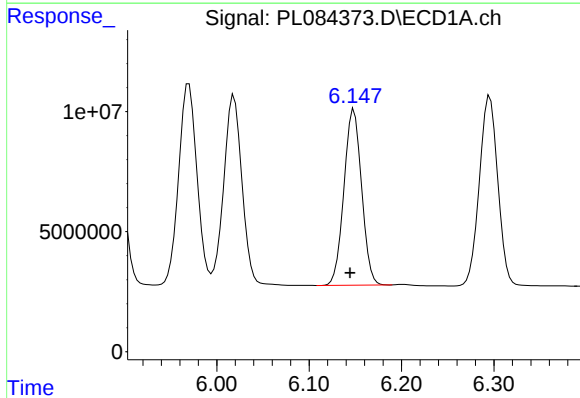
Manual Integrations  
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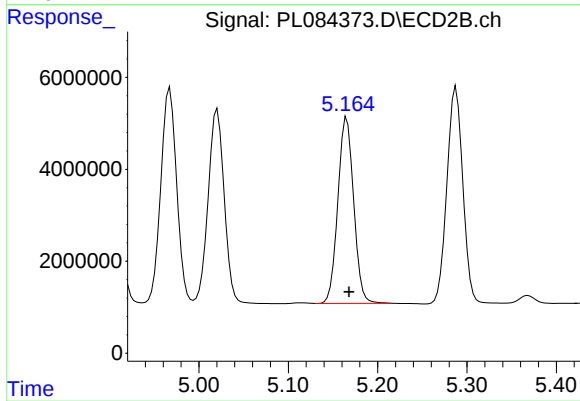
#11 alpha-Chlordane

R.T.: 4.968 min  
Delta R.T.: -0.002 min  
Response: 58385394  
Conc: 43.34 ng/ml



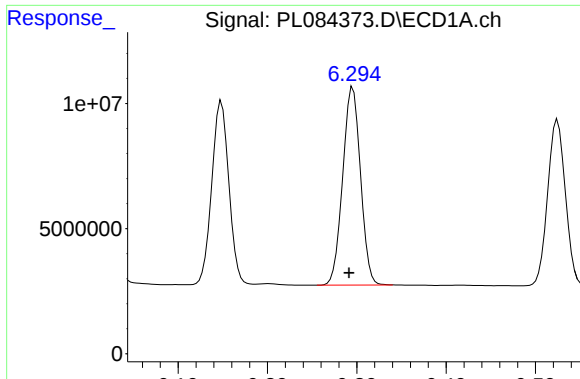
#12 4,4'-DDE

R.T.: 6.149 min  
Delta R.T.: 0.004 min  
Response: 97256278  
Conc: 48.34 ng/ml



#12 4,4'-DDE

R.T.: 5.166 min  
Delta R.T.: -0.003 min  
Response: 49700013  
Conc: 40.46 ng/ml



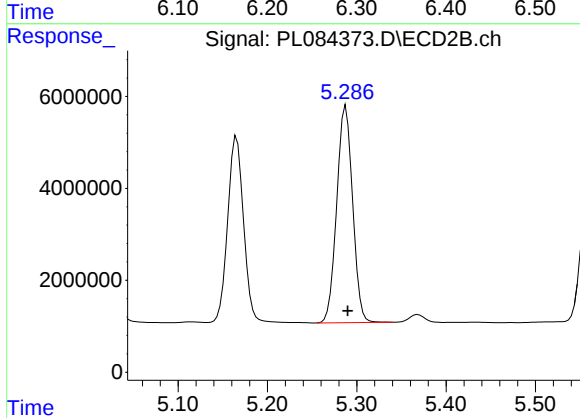
#13 Dieldrin

R.T.: 6.296 min  
Delta R.T.: 0.004 min  
Response: 109623869  
Conc: 45.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

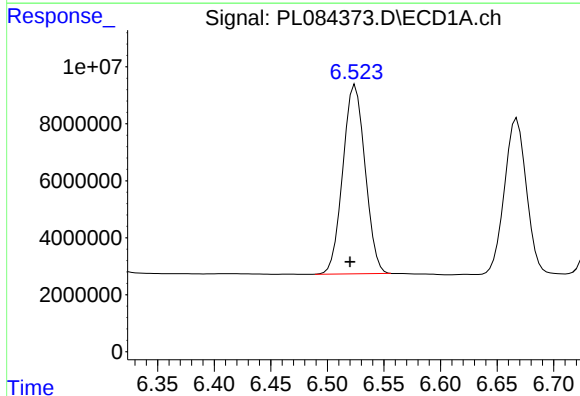
Manual Integrations  
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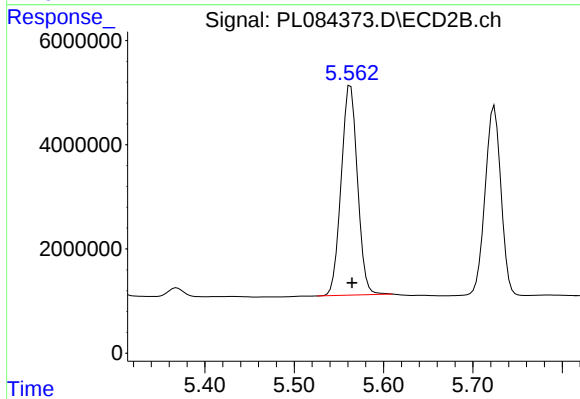
#13 Dieldrin

R.T.: 5.288 min  
Delta R.T.: -0.002 min  
Response: 58358879  
Conc: 44.81 ng/ml



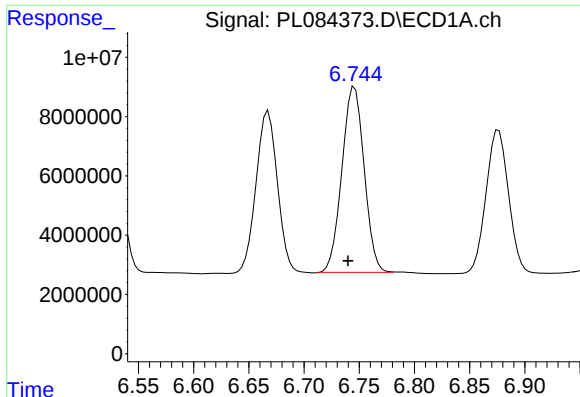
#14 Endrin

R.T.: 6.523 min  
Delta R.T.: 0.003 min  
Response: 90843056  
Conc: 47.70 ng/ml m



#14 Endrin

R.T.: 5.563 min  
Delta R.T.: -0.002 min  
Response: 51032090  
Conc: 46.42 ng/ml



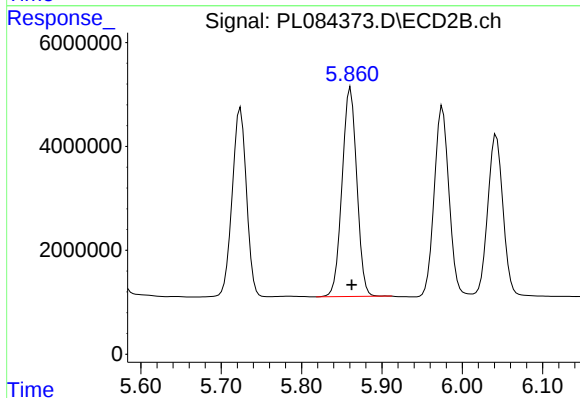
#15 Endosulfan II

R.T.: 6.744 min  
Delta R.T.: 0.005 min  
Response: 87910187  
Conc: 46.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

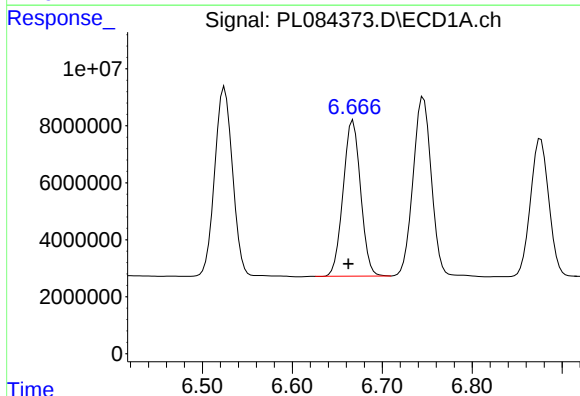
Manual Integrations  
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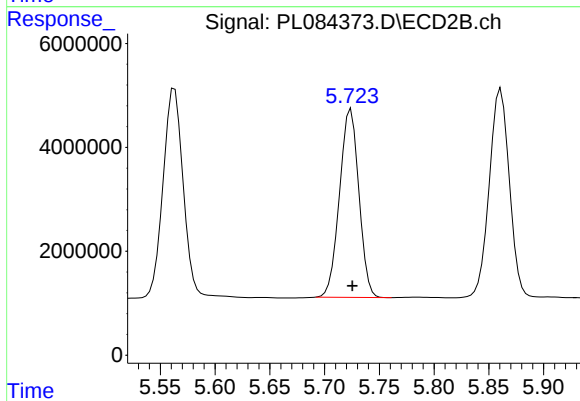
#15 Endosulfan II

R.T.: 5.861 min  
Delta R.T.: -0.001 min  
Response: 51231246  
Conc: 44.57 ng/ml



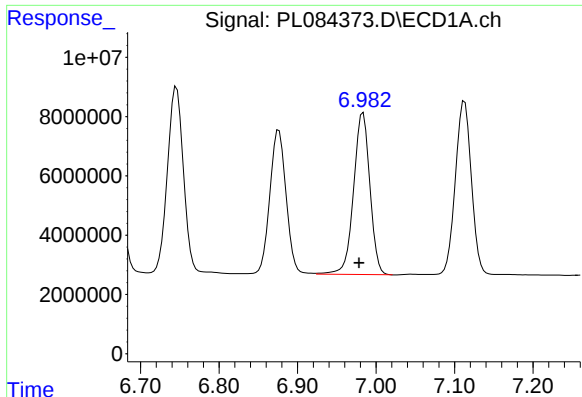
#16 4,4'-DDD

R.T.: 6.667 min  
Delta R.T.: 0.005 min  
Response: 73774387  
Conc: 50.24 ng/ml



#16 4,4'-DDD

R.T.: 5.724 min  
Delta R.T.: -0.001 min  
Response: 44552110  
Conc: 46.44 ng/ml



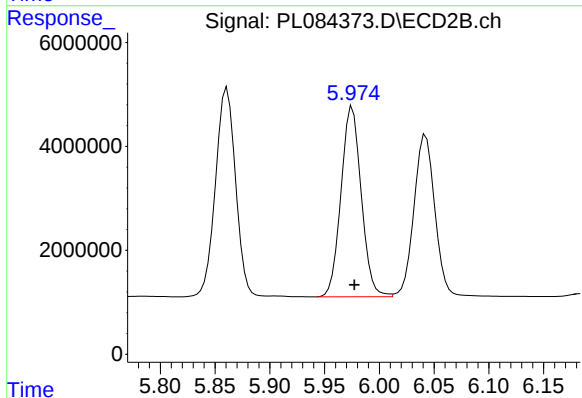
#17 4,4'-DDT

R.T.: 6.984 min  
Delta R.T.: 0.005 min  
Response: 78887694  
Conc: 49.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

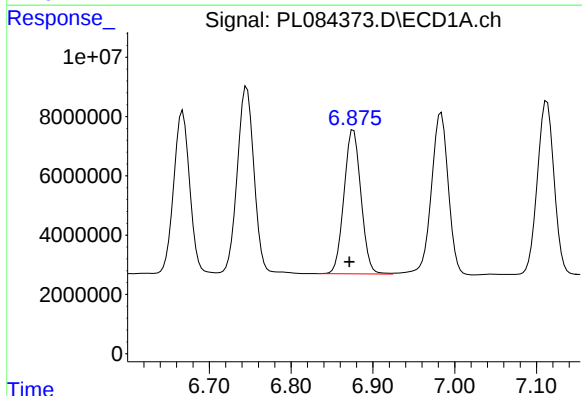
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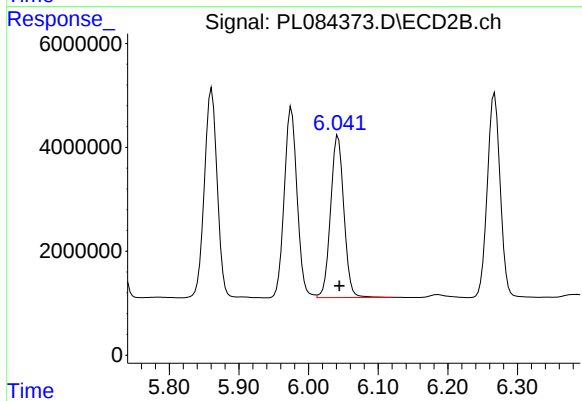
#17 4,4'-DDT

R.T.: 5.975 min  
Delta R.T.: -0.002 min  
Response: 47063346  
Conc: 51.67 ng/ml



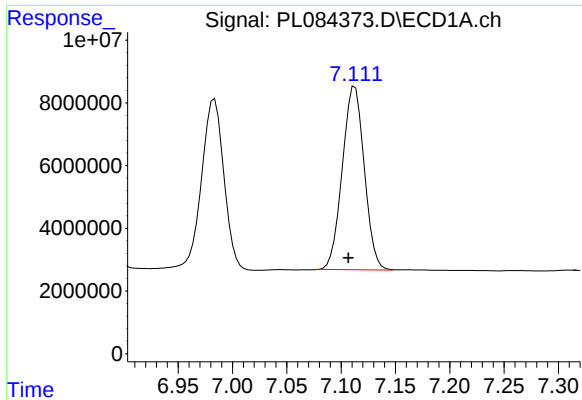
#18 Endrin aldehyde

R.T.: 6.876 min  
Delta R.T.: 0.005 min  
Response: 69576089  
Conc: 47.49 ng/ml



#18 Endrin aldehyde

R.T.: 6.042 min  
Delta R.T.: -0.002 min  
Response: 41400492  
Conc: 46.05 ng/ml



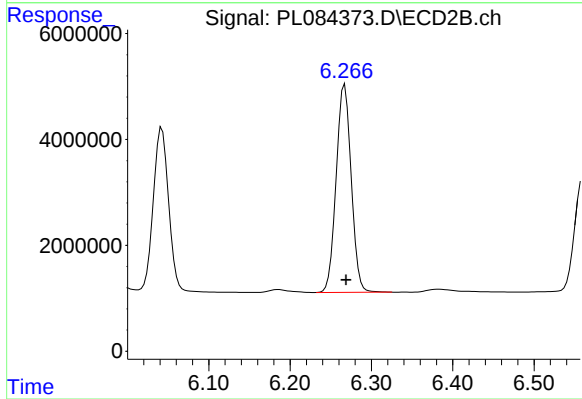
#19 Endosulfan Sulfate

R.T.: 7.111 min  
Delta R.T.: 0.005 min  
Response: 82374974  
Conc: 47.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

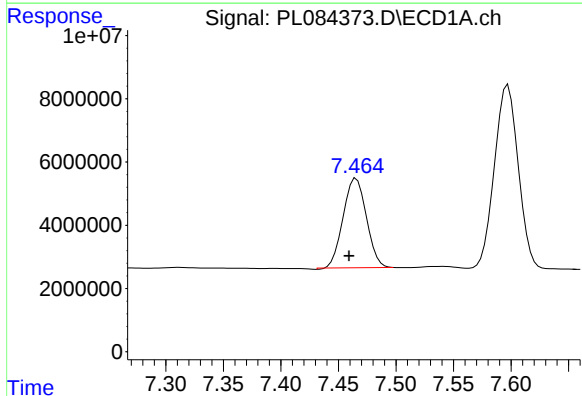
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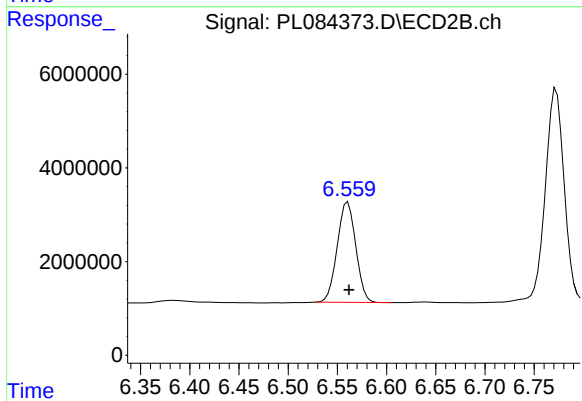
#19 Endosulfan Sulfate

R.T.: 6.267 min  
Delta R.T.: -0.002 min  
Response: 50497483  
Conc: 45.95 ng/ml



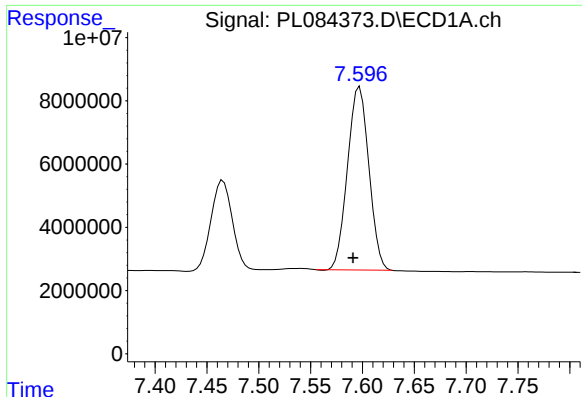
#20 Methoxychlor

R.T.: 7.464 min  
Delta R.T.: 0.005 min  
Response: 40034180  
Conc: 51.18 ng/ml m



#20 Methoxychlor

R.T.: 6.561 min  
Delta R.T.: -0.002 min  
Response: 28119059  
Conc: 58.67 ng/ml



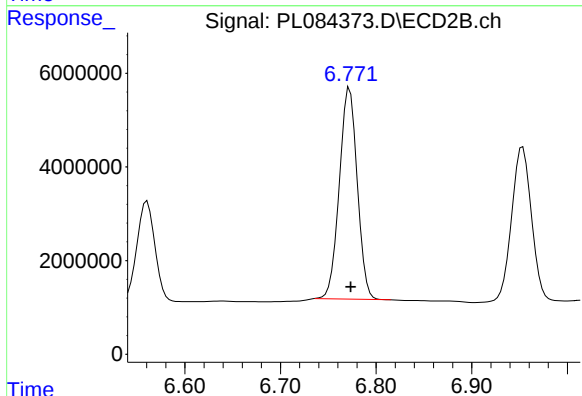
#21 Endrin ketone

R.T.: 7.597 min  
Delta R.T.: 0.006 min  
Response: 83172479  
Conc: 47.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

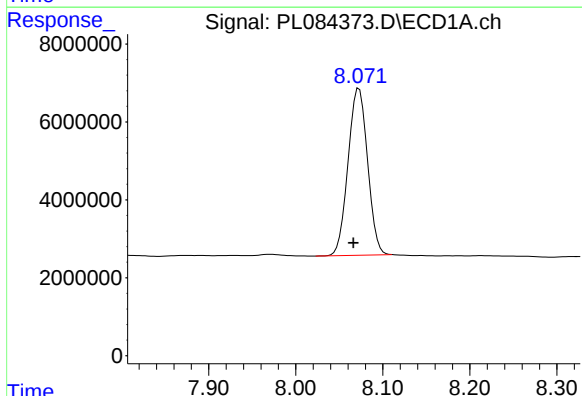
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/01/2023  
Supervised By :Ankita Jodhani 08/01/2023



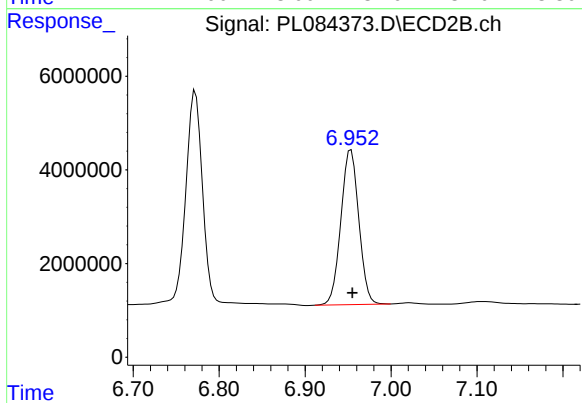
#21 Endrin ketone

R.T.: 6.772 min  
Delta R.T.: -0.001 min  
Response: 58862193  
Conc: 45.56 ng/ml



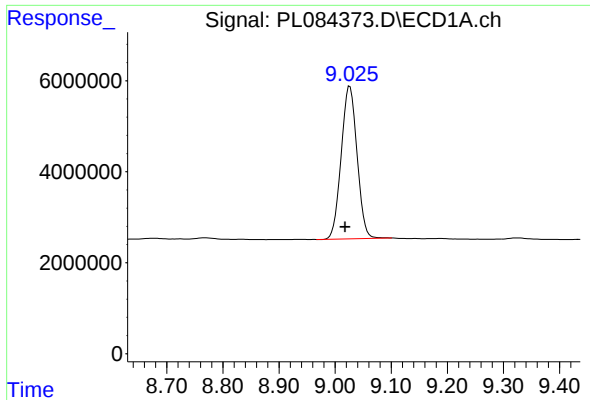
#22 Mirex

R.T.: 8.073 min  
Delta R.T.: 0.006 min  
Response: 66802137  
Conc: 46.68 ng/ml



#22 Mirex

R.T.: 6.953 min  
Delta R.T.: -0.002 min  
Response: 47972284  
Conc: 47.00 ng/ml



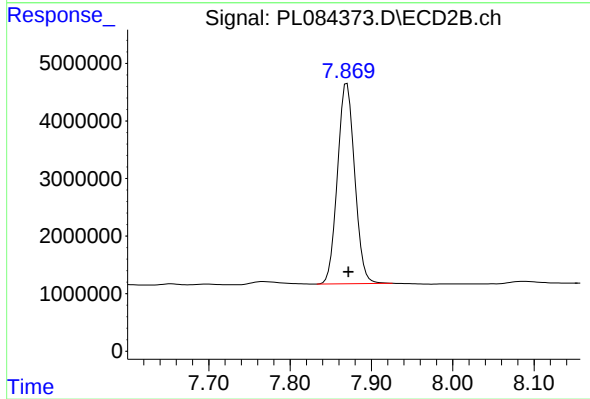
#28 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: 0.009 min  
Response: 65698374  
Conc: 50.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/01/2023  
Supervised By :Ankita Jodhani 08/01/2023



#28 Decachlorobiphenyl

R.T.: 7.870 min  
Delta R.T.: -0.002 min  
Response: 51117957  
Conc: 46.01 ng/ml