

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053123\  
 Data File : PL083108.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 May 2023 09:23  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/01/2023  
 Supervised By : Ankita Jodhani 06/01/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 01 05:04:45 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 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... | 3.324 | 2.633 | 145.9E6  | 119.6E6  | 49.632 | 46.086  |
| 28)                         | SA Decachlor... | 8.741 | 7.742 | 110.1E6  | 124.0E6  | 52.503 | 49.869  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.773 | 3.130 | 223.7E6  | 172.8E6  | 50.397 | 46.304  |
| 3)                          | MA gamma-BHC... | 4.102 | 3.456 | 207.9E6  | 159.5E6  | 50.176 | 47.859  |
| 4)                          | MA Heptachlor   | 4.679 | 3.787 | 198.7E6  | 167.1E6  | 51.971 | 45.653  |
| 5)                          | MB Aldrin       | 5.015 | 4.064 | 183.3E6  | 153.6E6  | 52.091 | 47.196  |
| 6)                          | B beta-BHC      | 4.306 | 3.757 | 89840203 | 66090402 | 47.718 | 46.214  |
| 7)                          | B delta-BHC     | 4.547 | 3.983 | 205.0E6  | 154.6E6  | 59.615 | 47.186  |
| 8)                          | B Heptachlo...  | 5.442 | 4.565 | 167.3E6  | 139.5E6  | 52.287 | 46.992  |
| 9)                          | A Endosulfan I  | 5.823 | 4.932 | 156.0E6  | 128.7E6  | 51.985 | 46.065  |
| 10)                         | B gamma-Chl...  | 5.697 | 4.814 | 176.0E6  | 142.4E6  | 55.398 | 47.425  |
| 11)                         | B alpha-Chl...  | 5.774 | 4.877 | 169.0E6  | 142.0E6  | 52.657 | 47.289  |
| 12)                         | B 4,4'-DDE      | 5.954 | 5.066 | 145.2E6  | 116.8E6  | 52.676 | 48.084m |
| 13)                         | MA Dieldrin     | 6.097 | 5.196 | 156.5E6  | 133.4E6  | 52.014 | 47.246  |
| 14)                         | MA Endrin       | 6.325 | 5.471 | 131.7E6  | 118.0E6  | 49.015 | 46.520  |
| 15)                         | B Endosulfa...  | 6.547 | 5.769 | 128.9E6  | 112.7E6  | 48.624 | 45.533  |
| 16)                         | A 4,4'-DDD      | 6.470 | 5.623 | 121.1E6  | 97869605 | 55.724 | 50.888  |
| 17)                         | MA 4,4'-DDT     | 6.780 | 5.871 | 123.0E6  | 102.9E6  | 49.154 | 46.132  |
| 18)                         | B Endrin al...  | 6.677 | 5.949 | 105.3E6  | 92507104 | 52.391 | 46.781  |
| 19)                         | B Endosulfa...  | 6.912 | 6.172 | 132.7E6  | 116.5E6  | 51.749 | 47.555  |
| 20)                         | A Methoxychlor  | 7.261 | 6.450 | 66391964 | 57406374 | 50.206 | 45.140  |
| 21)                         | B Endrin ke...  | 7.391 | 6.676 | 137.0E6  | 132.0E6  | 53.705 | 48.807  |
| 22)                         | Mirex           | 7.854 | 6.847 | 106.0E6  | 112.6E6  | 50.554 | 48.142  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053123\  
Data File : PL083108.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 May 2023 09:23  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

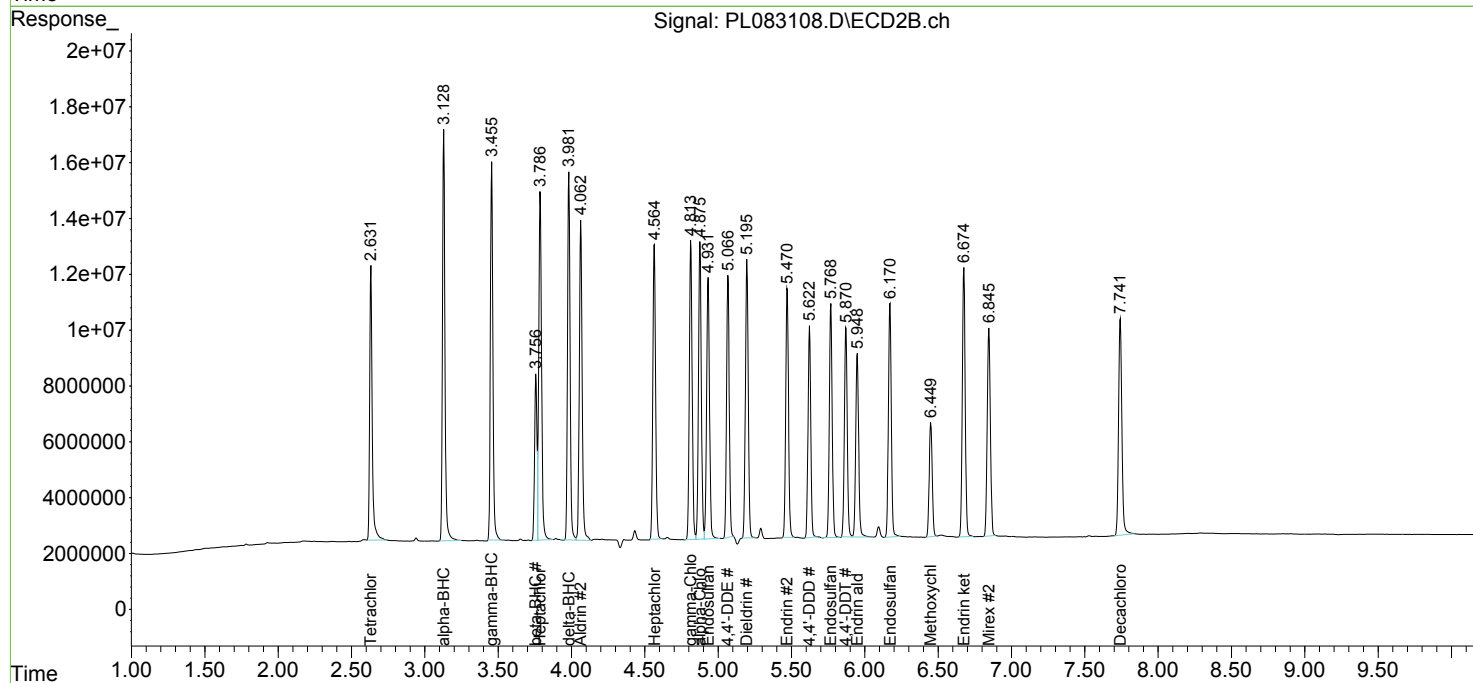
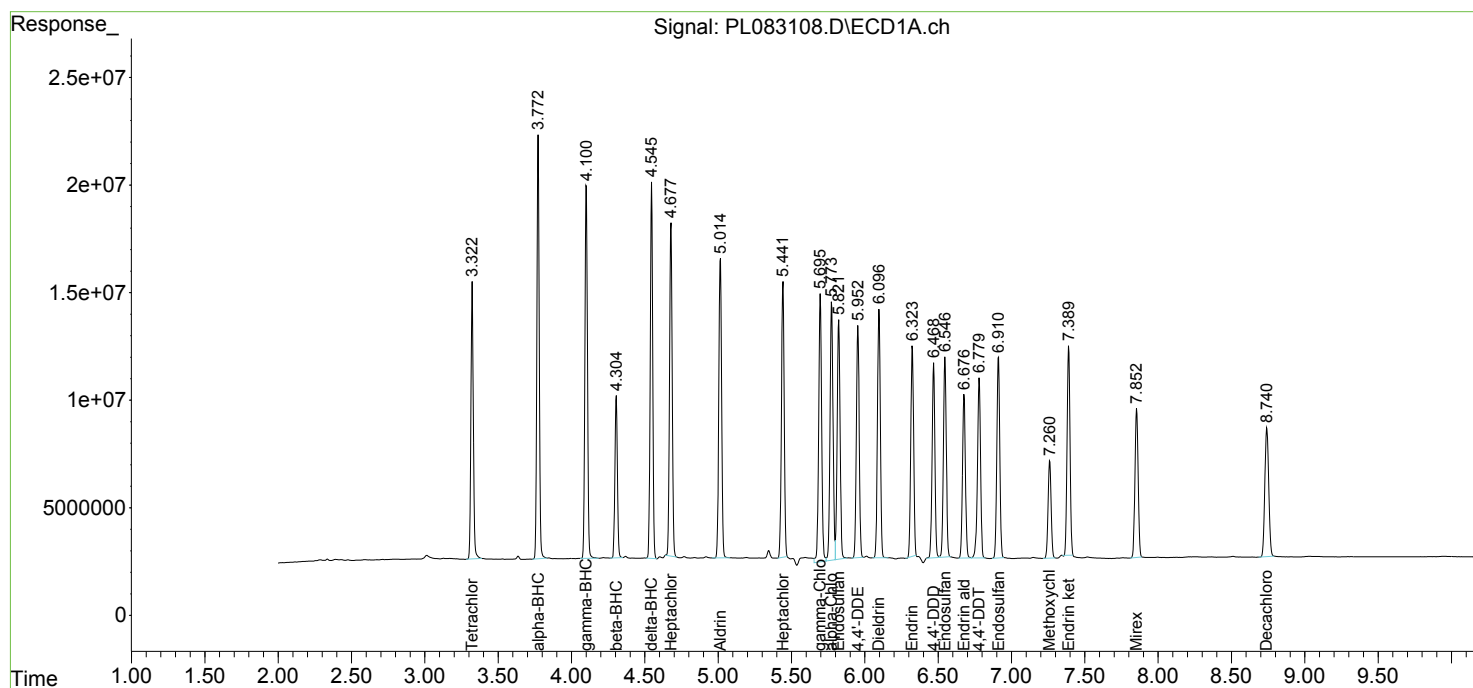
## APPROVED

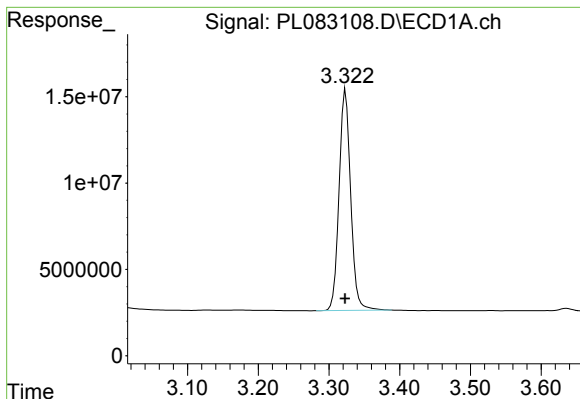
Reviewed By :Abdul Mirza 06/01/2023

Supervised By :Ankita Jodhani 06/01/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 01 05:04:45 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 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





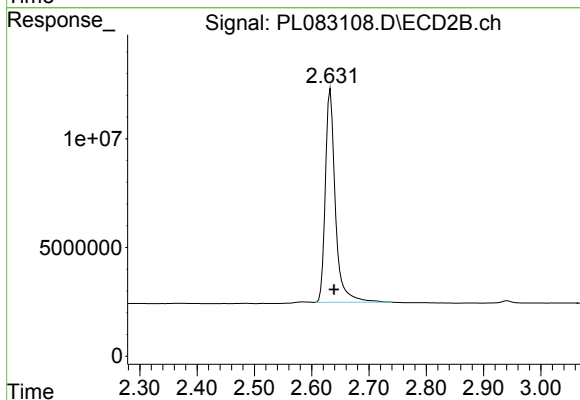
#1 Tetrachloro-m-xylene

R.T.: 3.324 min  
Delta R.T.: 0.000 min  
Response: 145867876  
Conc: 49.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

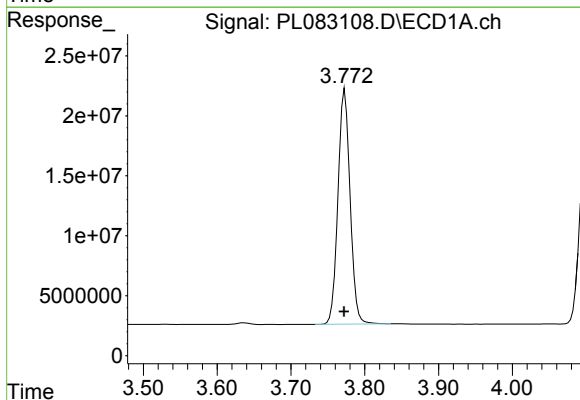
Manual Integrations  
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Reviewed By :Abdul Mirza 06/01/2023  
Supervised By :Ankita Jodhani 06/01/2023



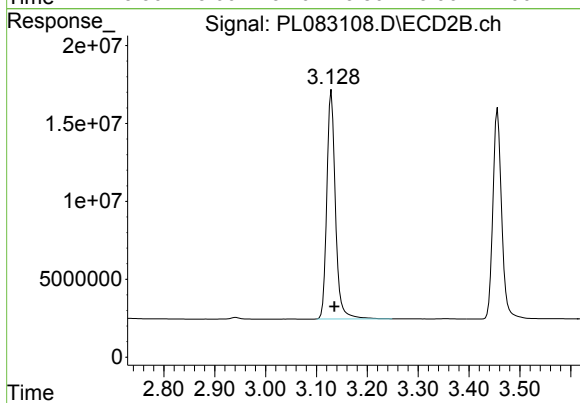
#1 Tetrachloro-m-xylene

R.T.: 2.633 min  
Delta R.T.: -0.006 min  
Response: 119644582  
Conc: 46.09 ng/ml



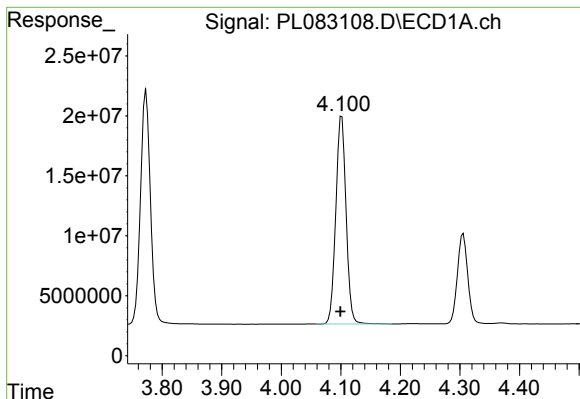
#2 alpha-BHC

R.T.: 3.773 min  
Delta R.T.: 0.001 min  
Response: 223724213  
Conc: 50.40 ng/ml



#2 alpha-BHC

R.T.: 3.130 min  
Delta R.T.: -0.006 min  
Response: 172779527  
Conc: 46.30 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.102 min  
Delta R.T.: 0.003 min  
Response: 207875265  
Conc: 50.18 ng/ml

Instrument :

ECD\_L

ClientSampleId :

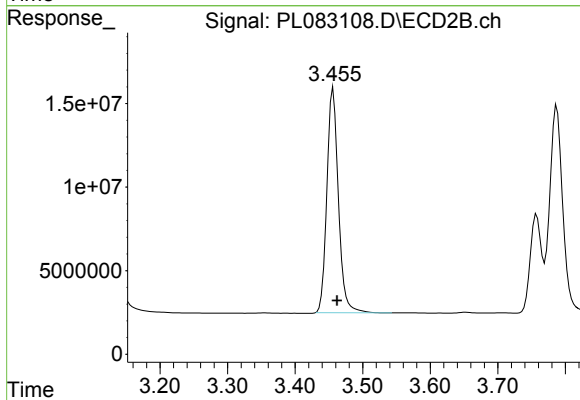
PSTDCCC050

Manual Integrations

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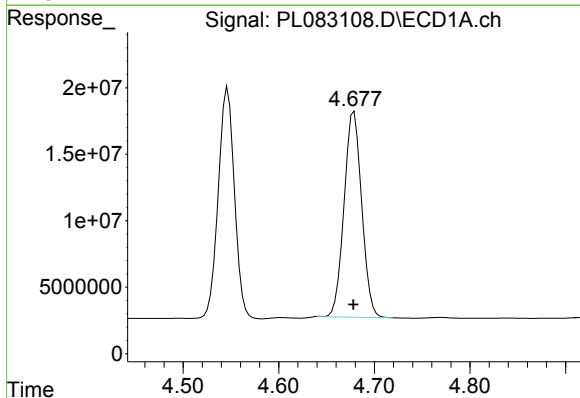
Reviewed By :Abdul Mirza 06/01/2023

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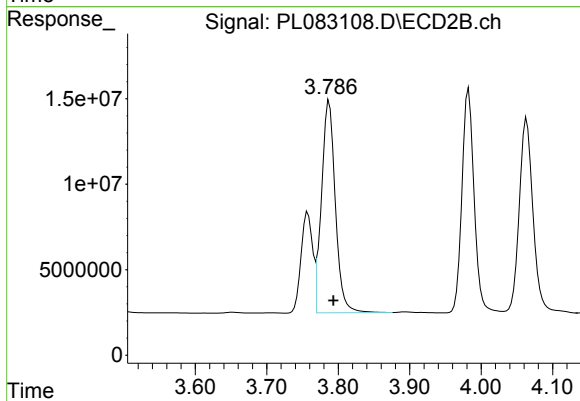
#3 gamma-BHC (Lindane)

R.T.: 3.456 min  
Delta R.T.: -0.006 min  
Response: 159527594  
Conc: 47.86 ng/ml



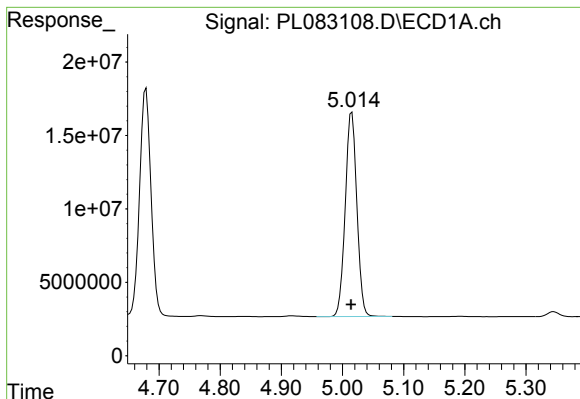
#4 Heptachlor

R.T.: 4.679 min  
Delta R.T.: 0.000 min  
Response: 198658981  
Conc: 51.97 ng/ml



#4 Heptachlor

R.T.: 3.787 min  
Delta R.T.: -0.006 min  
Response: 167138741  
Conc: 45.65 ng/ml



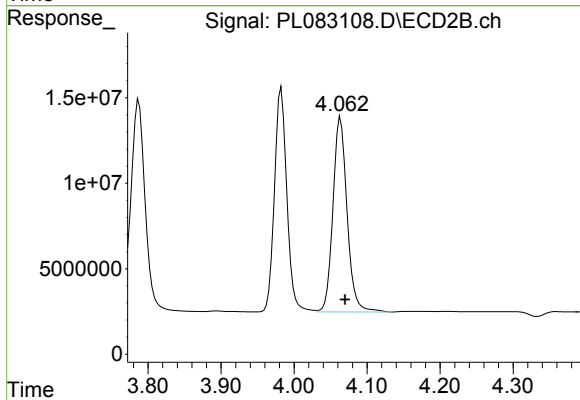
#5 Aldrin

R.T.: 5.015 min  
Delta R.T.: 0.001 min  
Response: 183263585  
Conc: 52.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

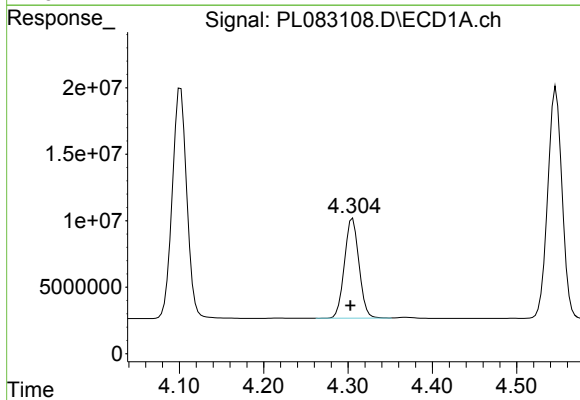
Manual Integrations  
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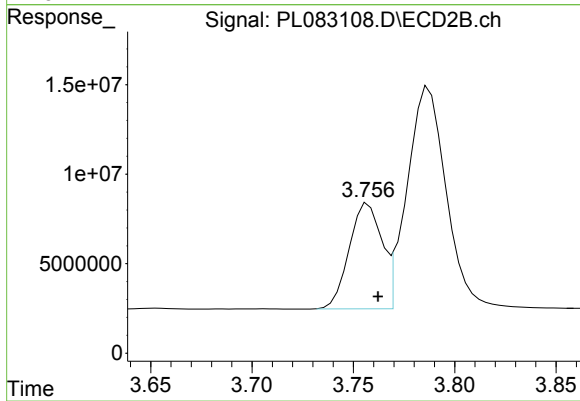
#5 Aldrin

R.T.: 4.064 min  
Delta R.T.: -0.006 min  
Response: 153556976  
Conc: 47.20 ng/ml



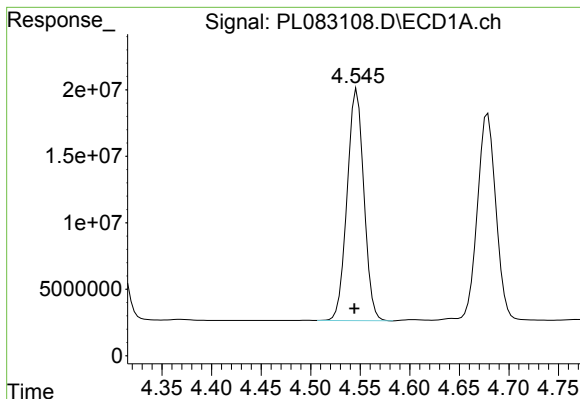
#6 beta-BHC

R.T.: 4.306 min  
Delta R.T.: 0.003 min  
Response: 89840203  
Conc: 47.72 ng/ml



#6 beta-BHC

R.T.: 3.757 min  
Delta R.T.: -0.005 min  
Response: 66090402  
Conc: 46.21 ng/ml



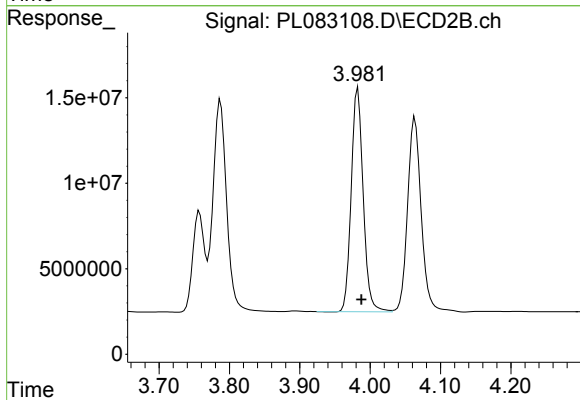
#7 delta-BHC

R.T.: 4.547 min  
Delta R.T.: 0.003 min  
Response: 205009347  
Conc: 59.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

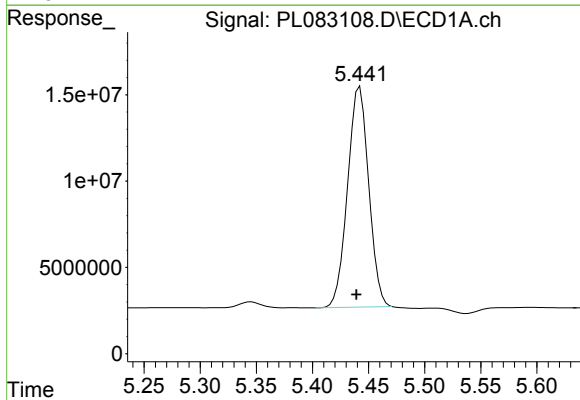
Manual Integrations  
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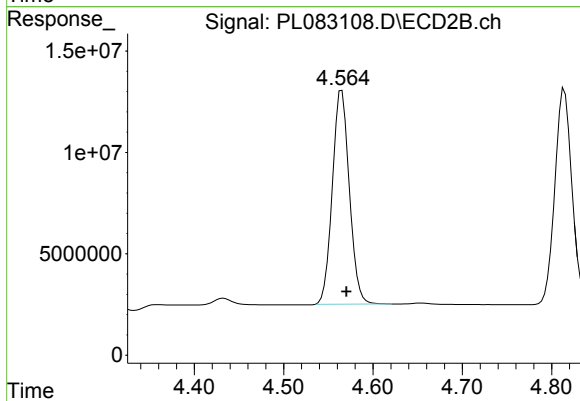
#7 delta-BHC

R.T.: 3.983 min  
Delta R.T.: -0.005 min  
Response: 154601682  
Conc: 47.19 ng/ml



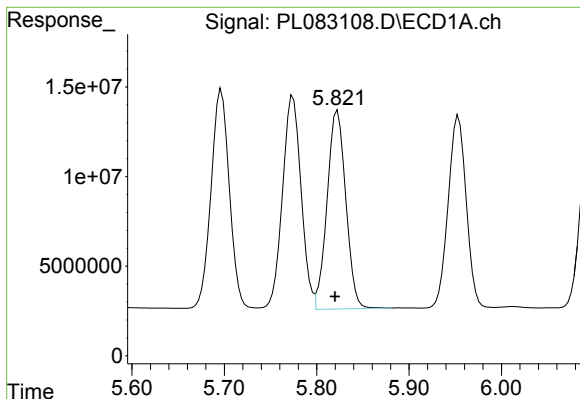
#8 Heptachlor epoxide

R.T.: 5.442 min  
Delta R.T.: 0.003 min  
Response: 167251436  
Conc: 52.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.565 min  
Delta R.T.: -0.005 min  
Response: 139466050  
Conc: 46.99 ng/ml



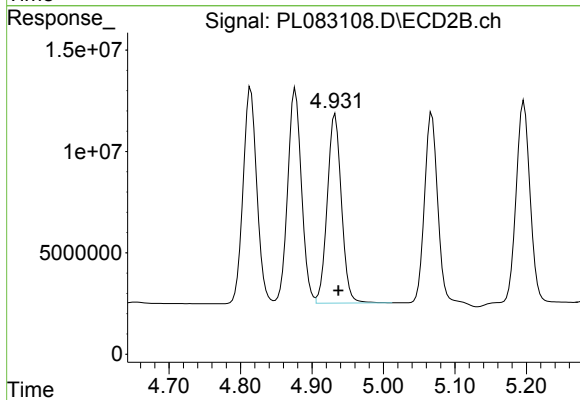
#9 Endosulfan I

R.T.: 5.823 min  
Delta R.T.: 0.003 min  
Response: 155985318  
Conc: 51.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

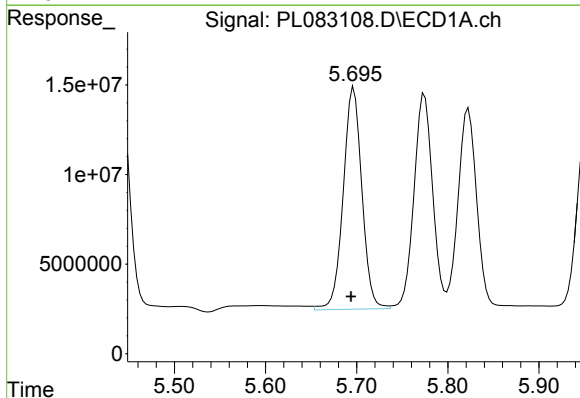
Manual Integrations  
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Reviewed By :Abdul Mirza 06/01/2023  
Supervised By :Ankita Jodhani 06/01/2023



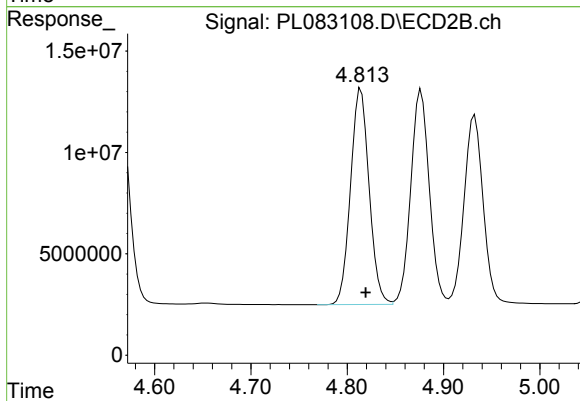
#9 Endosulfan I

R.T.: 4.932 min  
Delta R.T.: -0.005 min  
Response: 128722129  
Conc: 46.06 ng/ml



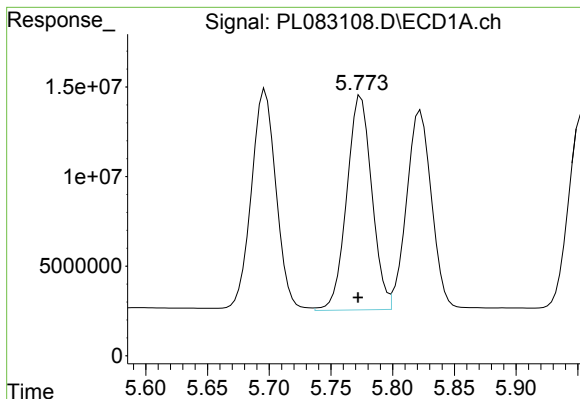
#10 gamma-Chlordane

R.T.: 5.697 min  
Delta R.T.: 0.003 min  
Response: 175999065  
Conc: 55.40 ng/ml



#10 gamma-Chlordane

R.T.: 4.814 min  
Delta R.T.: -0.005 min  
Response: 142436808  
Conc: 47.43 ng/ml



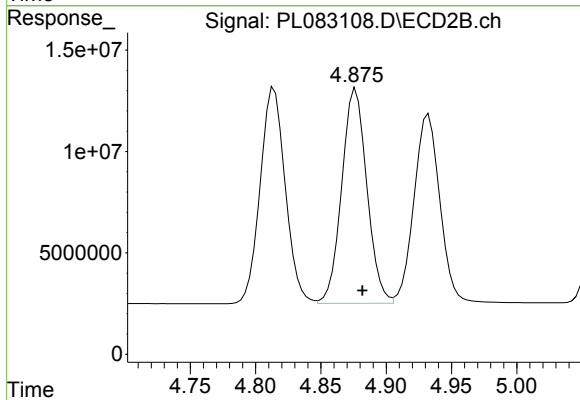
#11 alpha-Chlordane

R.T.: 5.774 min  
Delta R.T.: 0.002 min  
Response: 168991925  
Conc: 52.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

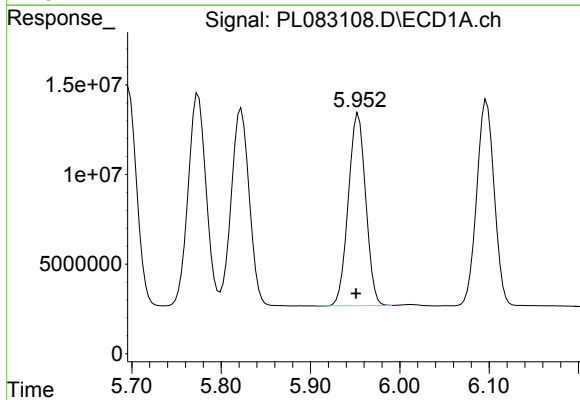
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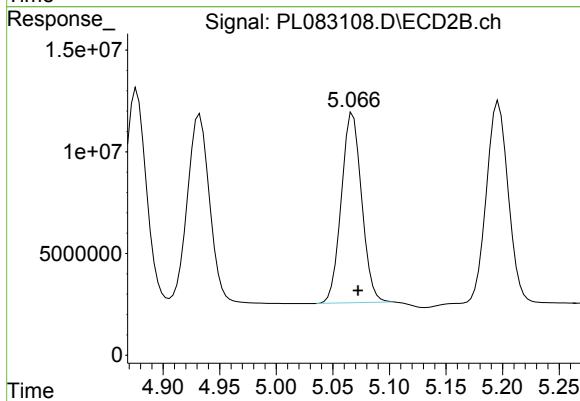
#11 alpha-Chlordane

R.T.: 4.877 min  
Delta R.T.: -0.005 min  
Response: 141959087  
Conc: 47.29 ng/ml



#12 4,4'-DDE

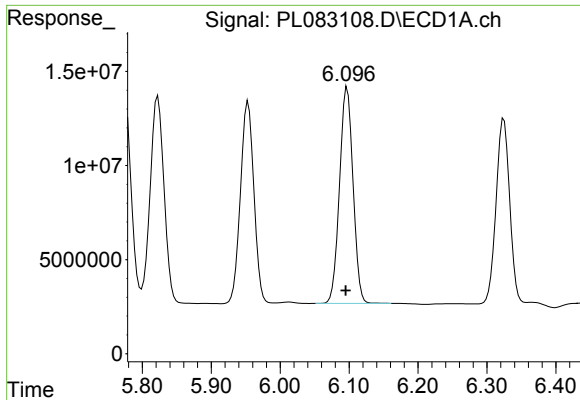
R.T.: 5.954 min  
Delta R.T.: 0.003 min  
Response: 145201492  
Conc: 52.68 ng/ml



#12 4,4'-DDE

R.T.: 5.066 min  
Delta R.T.: -0.006 min  
Response: 116784969  
Conc: 48.08 ng/ml m





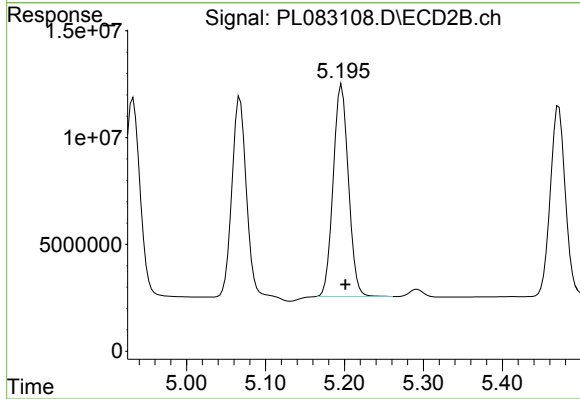
#13 Dieldrin

R.T.: 6.097 min  
Delta R.T.: 0.002 min  
Response: 156450173  
Conc: 52.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

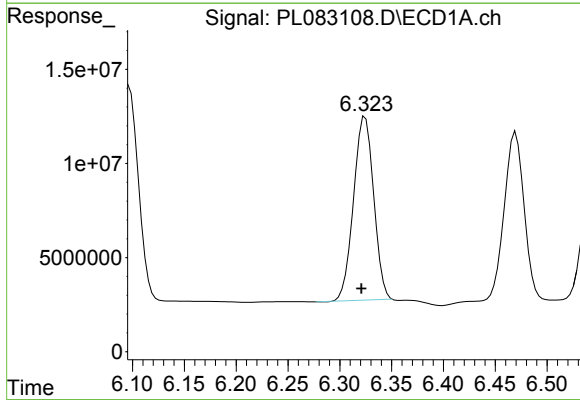
Manual Integrations  
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Reviewed By :Abdul Mirza 06/01/2023  
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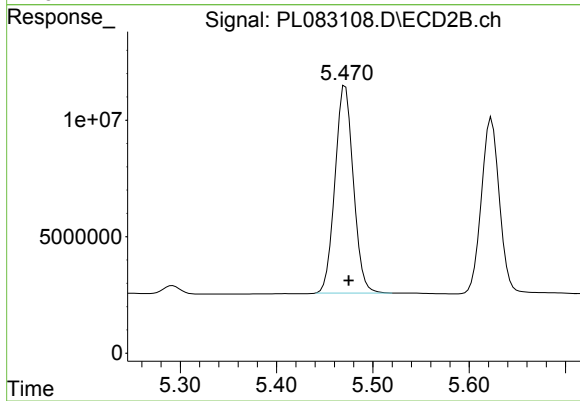
#13 Dieldrin

R.T.: 5.196 min  
Delta R.T.: -0.005 min  
Response: 133370906  
Conc: 47.25 ng/ml



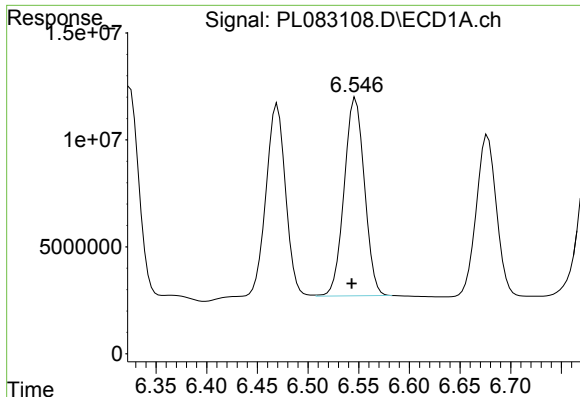
#14 Endrin

R.T.: 6.325 min  
Delta R.T.: 0.004 min  
Response: 131715998  
Conc: 49.02 ng/ml



#14 Endrin

R.T.: 5.471 min  
Delta R.T.: -0.004 min  
Response: 118019678  
Conc: 46.52 ng/ml



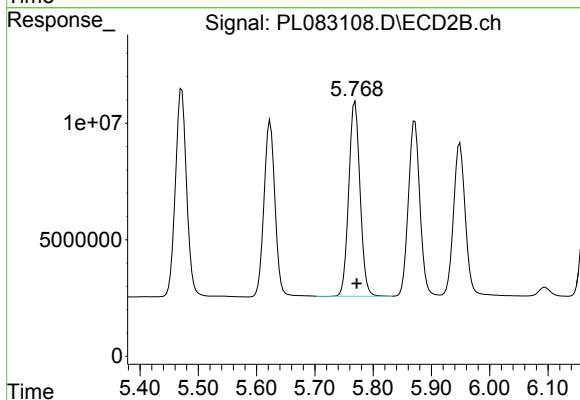
#15 Endosulfan II

R.T.: 6.547 min  
Delta R.T.: 0.004 min  
Response: 128890524  
Conc: 48.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

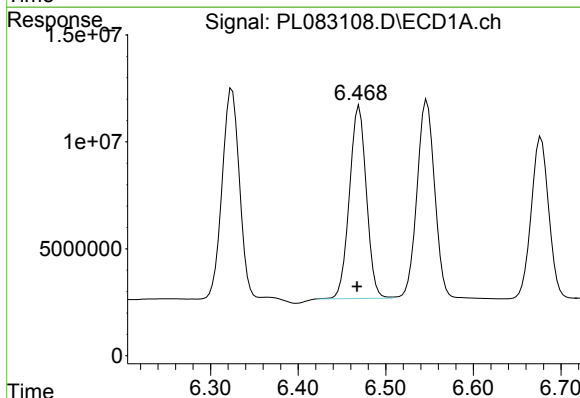
Manual Integrations  
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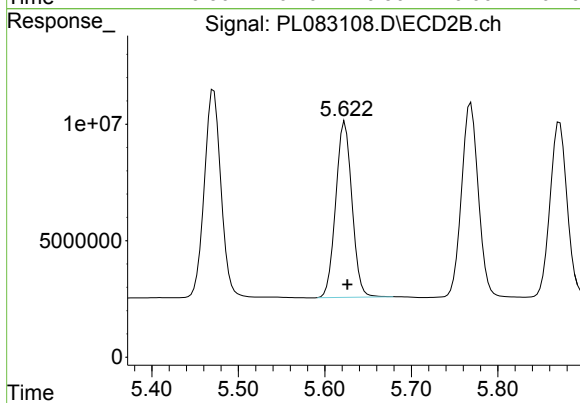
#15 Endosulfan II

R.T.: 5.769 min  
Delta R.T.: -0.003 min  
Response: 112657083  
Conc: 45.53 ng/ml



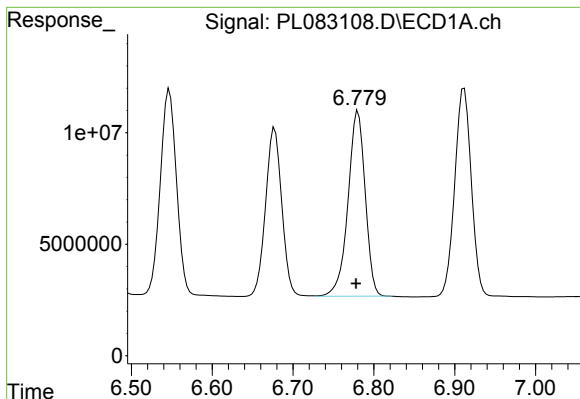
#16 4,4'-DDD

R.T.: 6.470 min  
Delta R.T.: 0.003 min  
Response: 121091640  
Conc: 55.72 ng/ml



#16 4,4'-DDD

R.T.: 5.623 min  
Delta R.T.: -0.003 min  
Response: 97869605  
Conc: 50.89 ng/ml



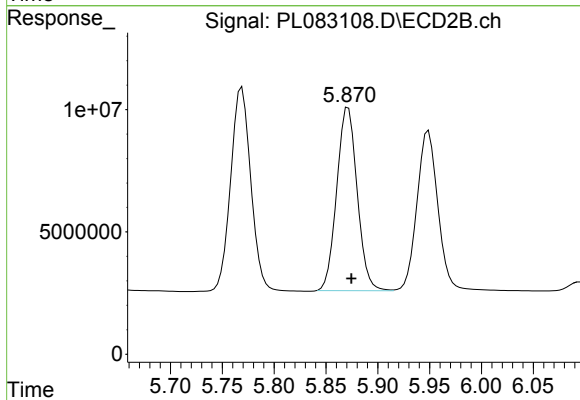
#17 4,4'-DDT

R.T.: 6.780 min  
Delta R.T.: 0.002 min  
Response: 123040697  
Conc: 49.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

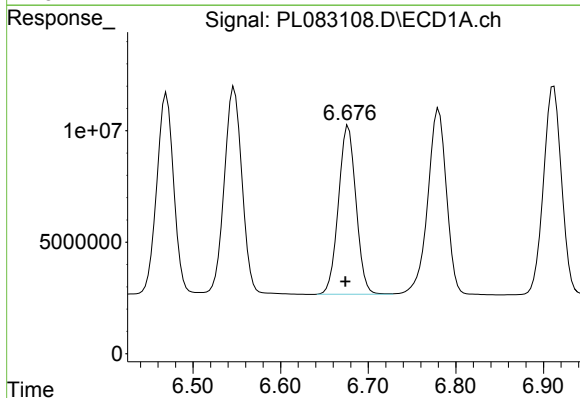
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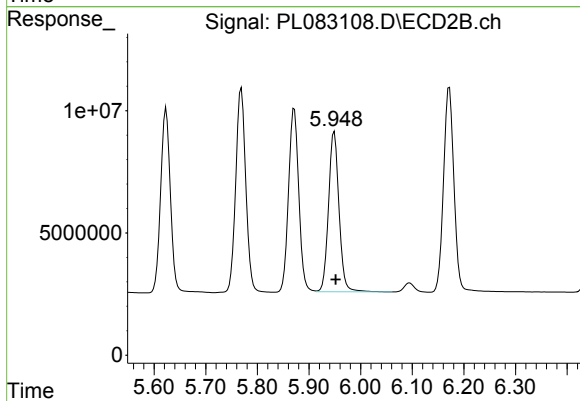
#17 4,4'-DDT

R.T.: 5.871 min  
Delta R.T.: -0.003 min  
Response: 102921058  
Conc: 46.13 ng/ml



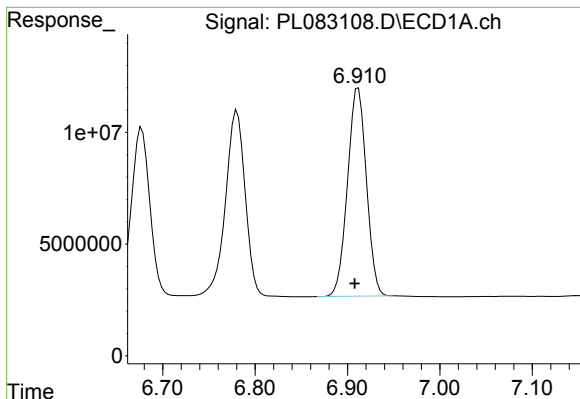
#18 Endrin aldehyde

R.T.: 6.677 min  
Delta R.T.: 0.003 min  
Response: 105338890  
Conc: 52.39 ng/ml



#18 Endrin aldehyde

R.T.: 5.949 min  
Delta R.T.: -0.003 min  
Response: 92507104  
Conc: 46.78 ng/ml



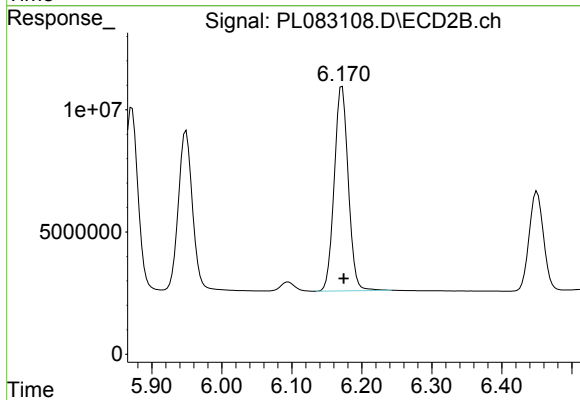
#19 Endosulfan Sulfate

R.T.: 6.912 min  
Delta R.T.: 0.004 min  
Response: 132669378  
Conc: 51.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

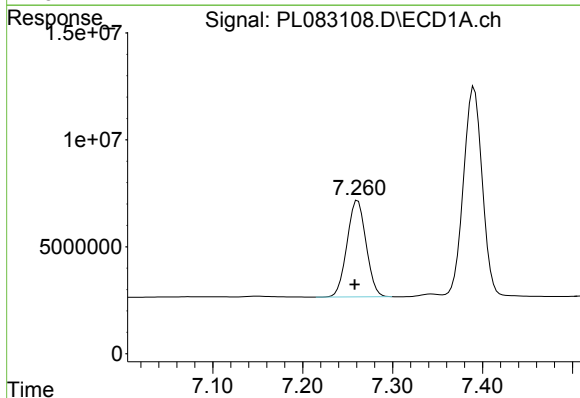
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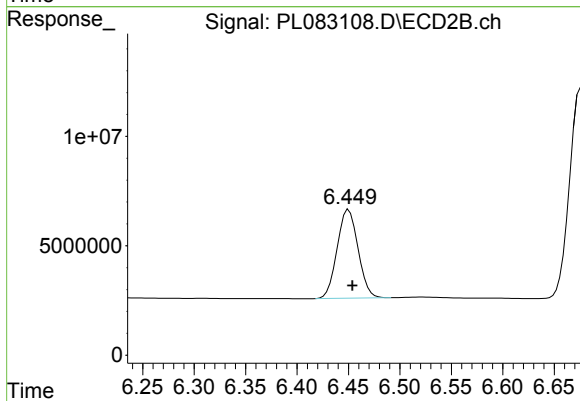
#19 Endosulfan Sulfate

R.T.: 6.172 min  
Delta R.T.: -0.002 min  
Response: 116461565  
Conc: 47.56 ng/ml



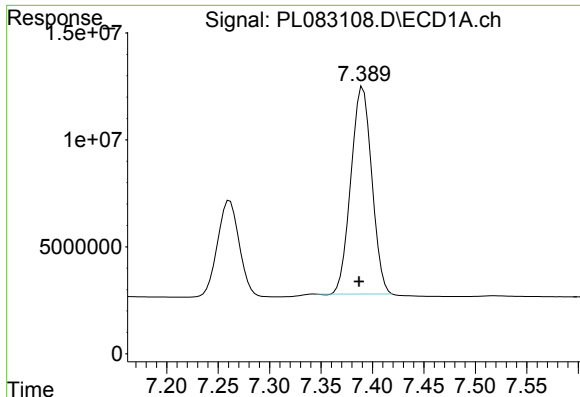
#20 Methoxychlor

R.T.: 7.261 min  
Delta R.T.: 0.003 min  
Response: 66391964  
Conc: 50.21 ng/ml



#20 Methoxychlor

R.T.: 6.450 min  
Delta R.T.: -0.003 min  
Response: 57406374  
Conc: 45.14 ng/ml



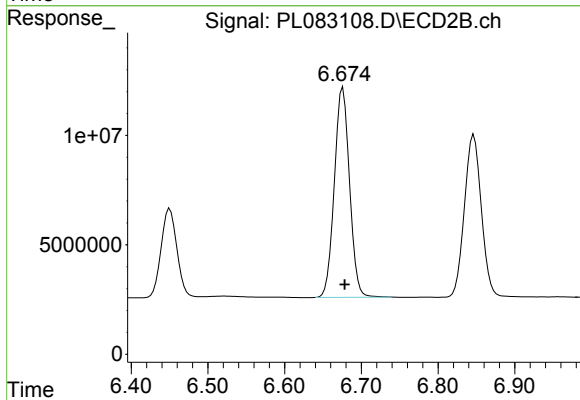
#21 Endrin ketone

R.T.: 7.391 min  
Delta R.T.: 0.004 min  
Response: 136990750  
Conc: 53.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

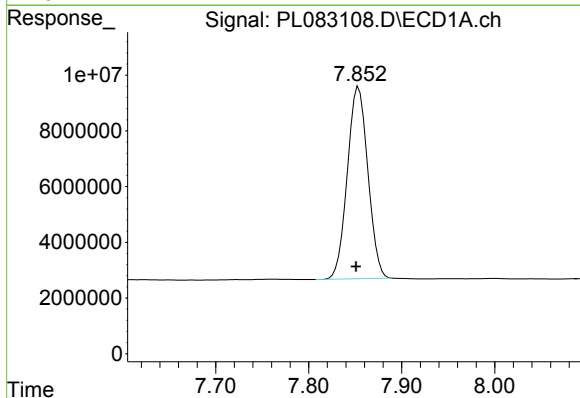
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/01/2023  
Supervised By :Ankita Jodhani 06/01/2023



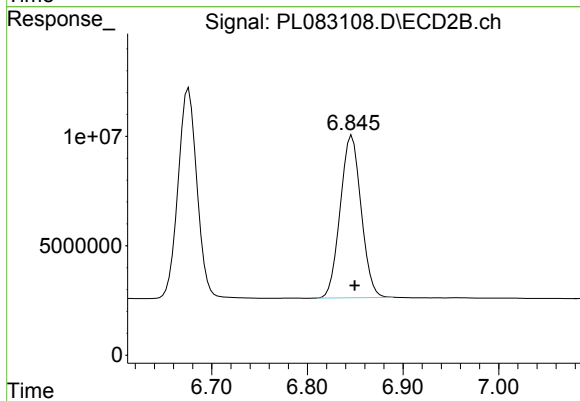
#21 Endrin ketone

R.T.: 6.676 min  
Delta R.T.: -0.002 min  
Response: 131968113  
Conc: 48.81 ng/ml



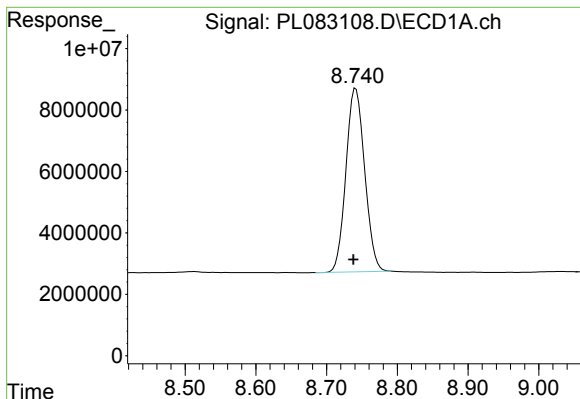
#22 Mirex

R.T.: 7.854 min  
Delta R.T.: 0.003 min  
Response: 105962307  
Conc: 50.55 ng/ml



#22 Mirex

R.T.: 6.847 min  
Delta R.T.: -0.003 min  
Response: 112643289  
Conc: 48.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.741 min  
Delta R.T.: 0.003 min  
Response: 110116697  
Conc: 52.50 ng/ml

Instrument :

ECD\_L

ClientSampleId :

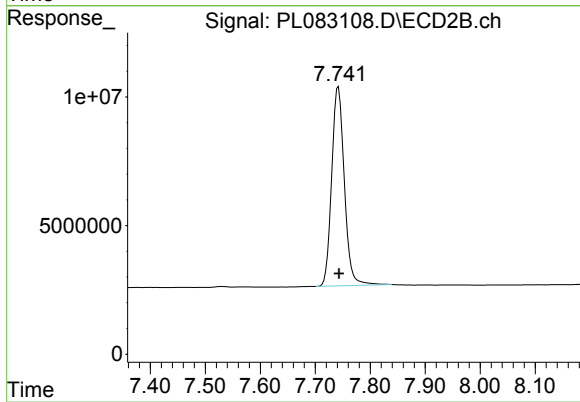
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/01/2023

Supervised By :Ankita Jodhani 06/01/2023



#28 Decachlorobiphenyl

R.T.: 7.742 min  
Delta R.T.: -0.002 min  
Response: 124001129  
Conc: 49.87 ng/ml