

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052623\  
 Data File : PL083063.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 May 2023 19:43  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 05/30/2023  
 Supervised By : Ankita Jodhani 05/30/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 27 06:31:06 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... | 3.316 | 2.636 | 134.8E6  | 122.7E6  | 45.878  | 47.263  |
| 28)                         | SA Decachlor... | 8.729 | 7.738 | 101.0E6  | 124.4E6  | 48.147  | 50.043  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.765 | 3.132 | 207.6E6  | 180.4E6  | 46.763  | 48.334  |
| 3)                          | MA gamma-BHC... | 4.092 | 3.458 | 193.9E6  | 167.3E6  | 46.804  | 50.204  |
| 4)                          | MA Heptachlor   | 4.670 | 3.789 | 174.9E6  | 167.9E6  | 45.744  | 45.858  |
| 5)                          | MB Aldrin       | 5.006 | 4.065 | 171.2E6  | 165.8E6  | 48.657  | 50.949  |
| 6)                          | B beta-BHC      | 4.297 | 3.759 | 85585086 | 70785827 | 45.458  | 49.498  |
| 7)                          | B delta-BHC     | 4.537 | 3.984 | 187.1E6  | 167.4E6  | 54.393  | 51.091  |
| 8)                          | B Heptachlo...  | 5.433 | 4.565 | 160.6E6  | 146.0E6  | 50.192  | 49.200  |
| 9)                          | A Endosulfan I  | 5.812 | 4.932 | 155.0E6  | 124.0E6  | 51.666  | 44.382  |
| 10)                         | B gamma-Chl...  | 5.685 | 4.814 | 160.8E6  | 148.8E6  | 50.603m | 49.546  |
| 11)                         | B alpha-Chl...  | 5.763 | 4.877 | 158.7E6  | 147.3E6  | 49.442m | 49.078  |
| 12)                         | B 4,4'-DDE      | 5.943 | 5.066 | 136.3E6  | 128.8E6  | 49.458  | 53.042m |
| 13)                         | MA Dieldrin     | 6.087 | 5.196 | 147.5E6  | 139.2E6  | 49.038  | 49.325  |
| 14)                         | MA Endrin       | 6.314 | 5.470 | 129.3E6  | 127.3E6  | 48.115  | 50.165  |
| 15)                         | B Endosulfa...  | 6.537 | 5.767 | 124.3E6  | 119.3E6  | 46.728  | 48.234  |
| 16)                         | A 4,4'-DDD      | 6.459 | 5.621 | 111.4E6  | 102.1E6  | 51.251  | 53.103  |
| 17)                         | MA 4,4'-DDT     | 6.770 | 5.869 | 117.8E6  | 109.0E6  | 47.046  | 48.850  |
| 18)                         | B Endrin al...  | 6.667 | 5.947 | 93511652 | 94166234 | 46.508  | 47.620  |
| 19)                         | B Endosulfa...  | 6.901 | 6.169 | 125.0E6  | 120.1E6  | 48.771  | 49.049  |
| 20)                         | A Methoxychlor  | 7.251 | 6.448 | 64164029 | 61784644 | 48.522  | 48.582  |
| 21)                         | B Endrin ke...  | 7.380 | 6.673 | 127.5E6  | 133.7E6  | 49.972  | 49.433  |
| 22)                         | Mirex           | 7.844 | 6.844 | 100.3E6  | 111.5E6  | 47.858  | 47.670  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052623\  
Data File : PL083063.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 May 2023 19:43  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

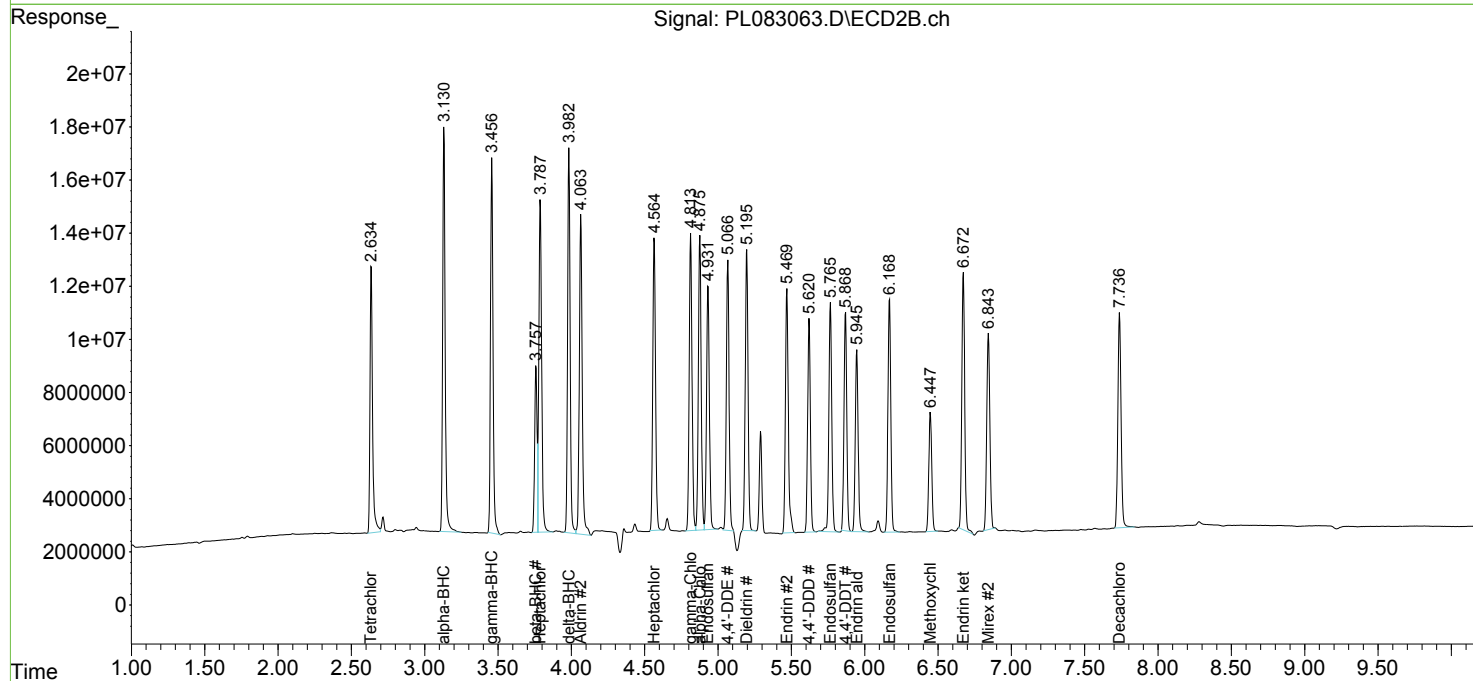
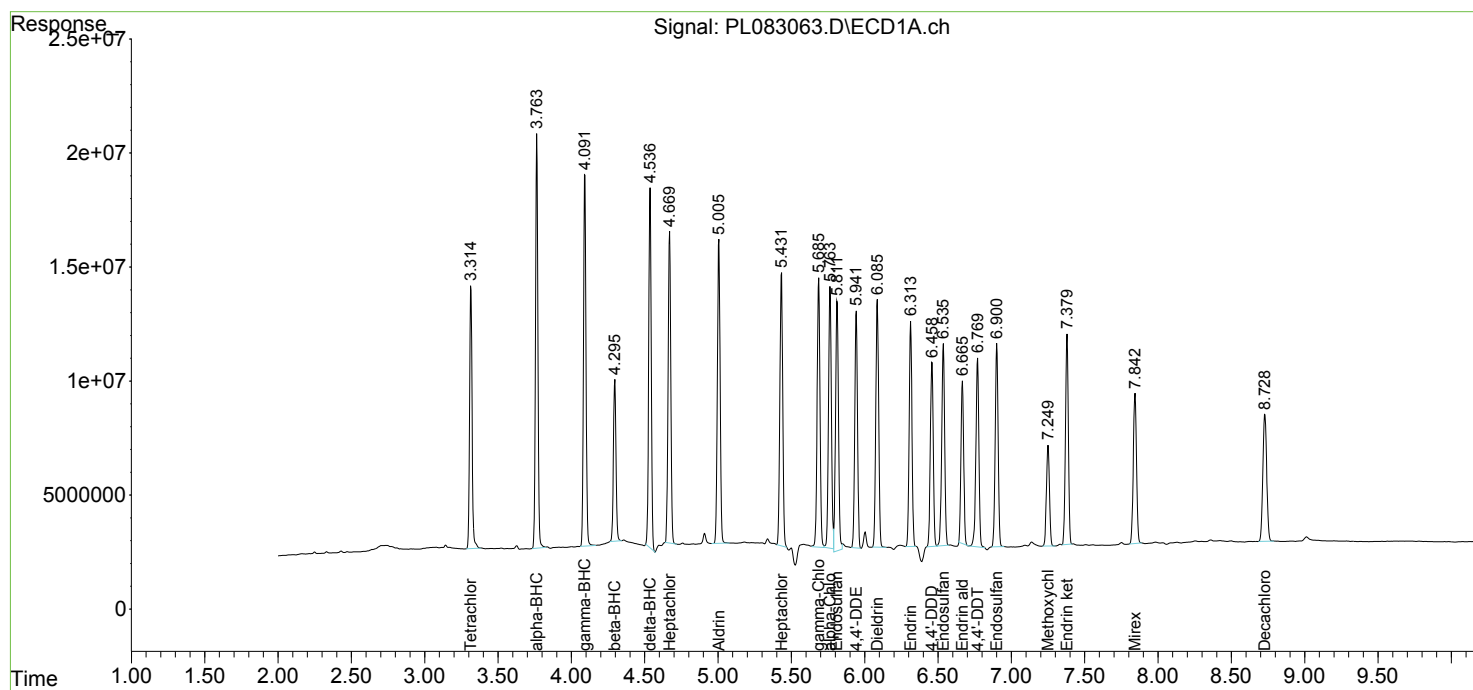
## APPROVED

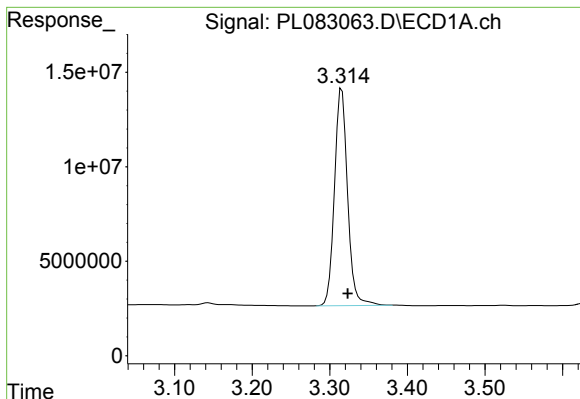
Reviewed By :Abdul Mirza 05/30/2023

Supervised By :Ankita Jodhani 05/30/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 27 06:31:06 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





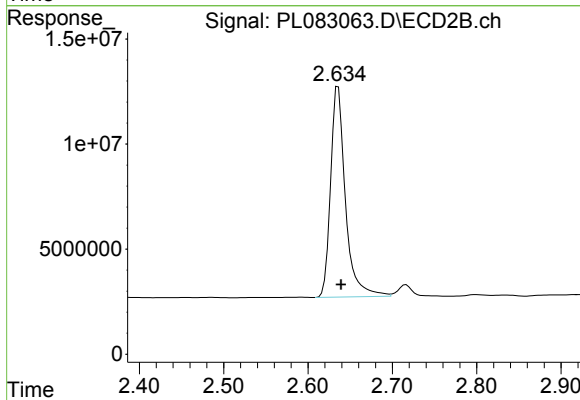
#1 Tetrachloro-m-xylene

R.T.: 3.316 min  
Delta R.T.: -0.007 min  
Response: 134836515  
Conc: 45.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

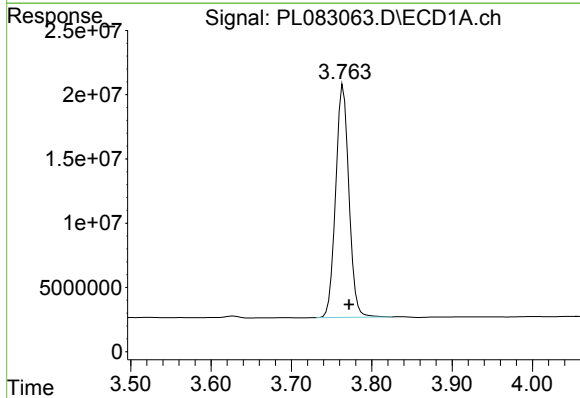
Manual Integrations  
APPROVED

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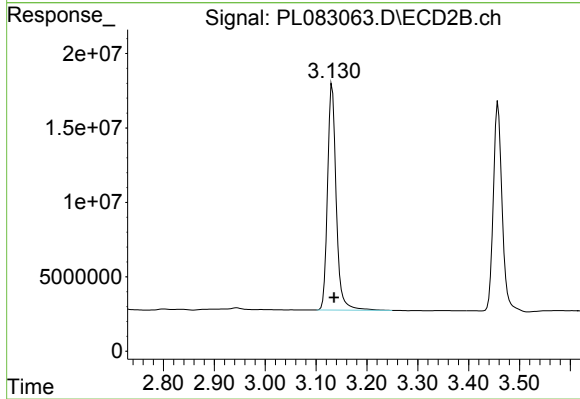
#1 Tetrachloro-m-xylene

R.T.: 2.636 min  
Delta R.T.: -0.003 min  
Response: 122697800  
Conc: 47.26 ng/ml



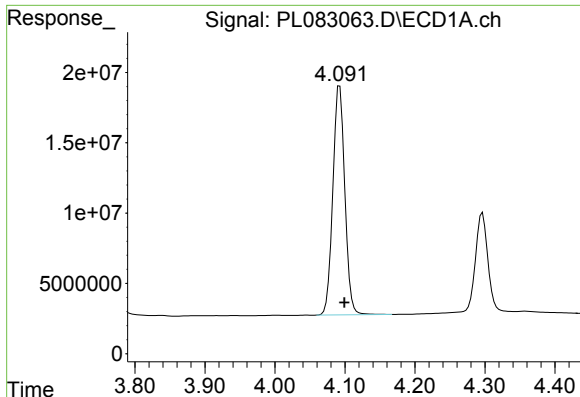
#2 alpha-BHC

R.T.: 3.765 min  
Delta R.T.: -0.007 min  
Response: 207591700  
Conc: 46.76 ng/ml



#2 alpha-BHC

R.T.: 3.132 min  
Delta R.T.: -0.003 min  
Response: 180356136  
Conc: 48.33 ng/ml



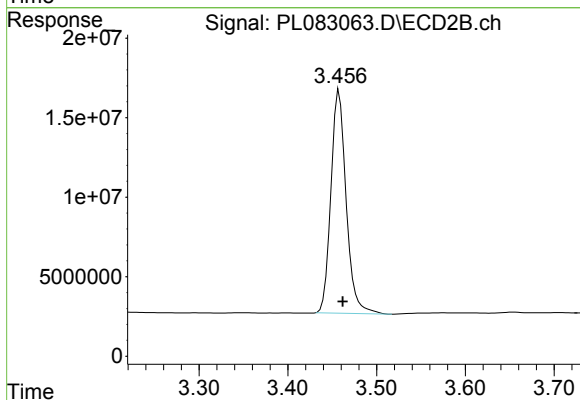
#3 gamma-BHC (Lindane)

R.T.: 4.092 min  
Delta R.T.: -0.007 min  
Response: 193904994  
Conc: 46.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

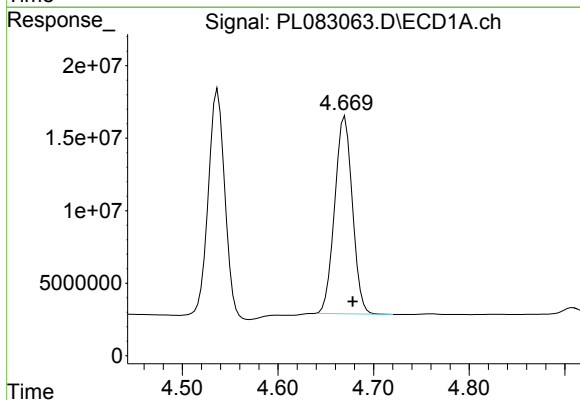
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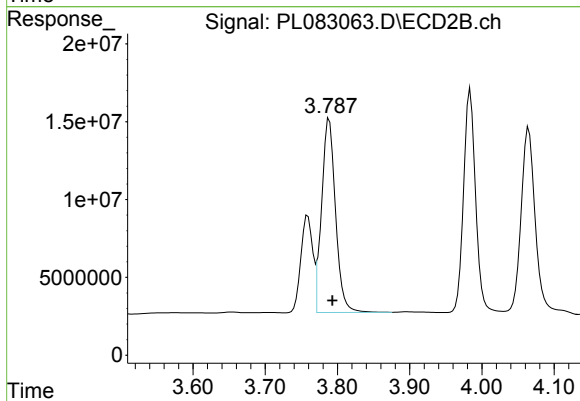
#3 gamma-BHC (Lindane)

R.T.: 3.458 min  
Delta R.T.: -0.004 min  
Response: 167344297  
Conc: 50.20 ng/ml



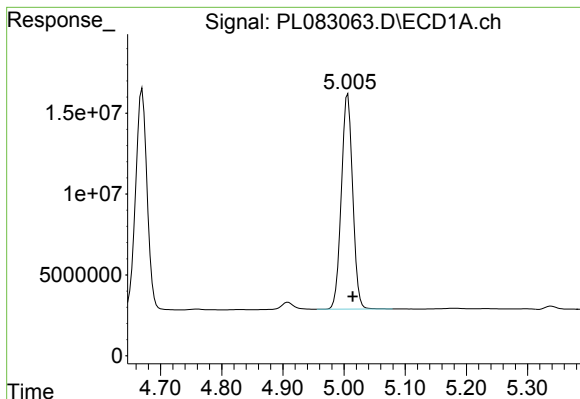
#4 Heptachlor

R.T.: 4.670 min  
Delta R.T.: -0.008 min  
Response: 174856398  
Conc: 45.74 ng/ml



#4 Heptachlor

R.T.: 3.789 min  
Delta R.T.: -0.004 min  
Response: 167890200  
Conc: 45.86 ng/ml



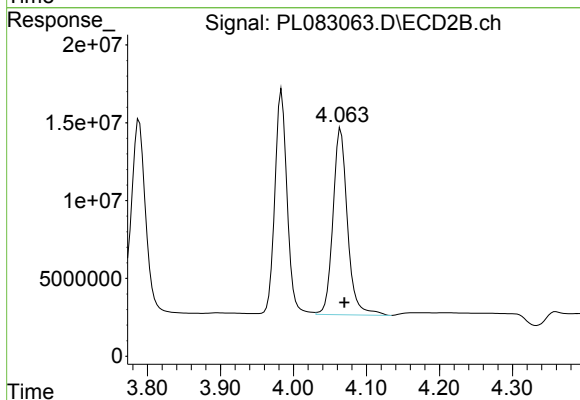
#5 Aldrin

R.T.: 5.006 min  
Delta R.T.: -0.008 min  
Response: 171181746  
Conc: 48.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

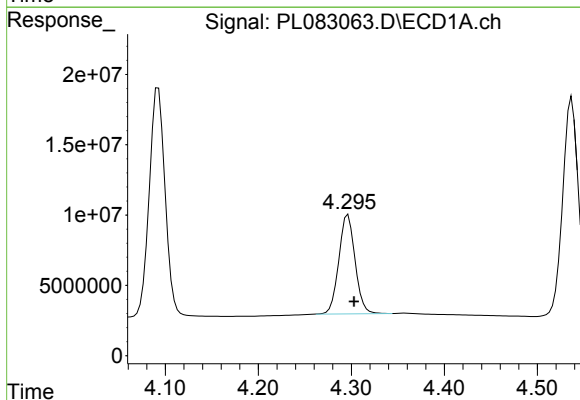
Manual Integrations  
APPROVED

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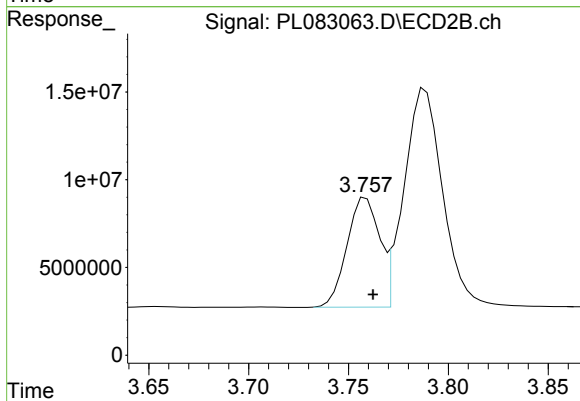
#5 Aldrin

R.T.: 4.065 min  
Delta R.T.: -0.005 min  
Response: 165768199  
Conc: 50.95 ng/ml



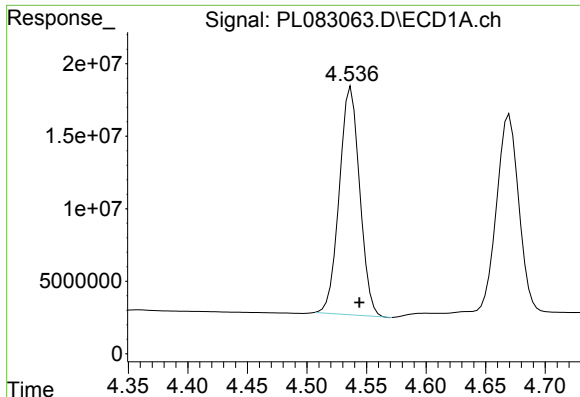
#6 beta-BHC

R.T.: 4.297 min  
Delta R.T.: -0.006 min  
Response: 85585086  
Conc: 45.46 ng/ml



#6 beta-BHC

R.T.: 3.759 min  
Delta R.T.: -0.003 min  
Response: 70785827  
Conc: 49.50 ng/ml



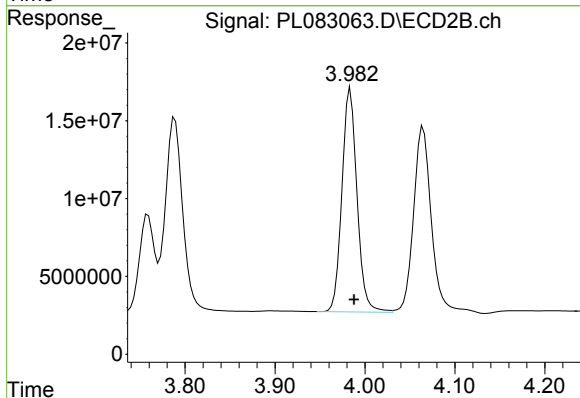
#7 delta-BHC

R.T.: 4.537 min  
Delta R.T.: -0.007 min  
Response: 187051558  
Conc: 54.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

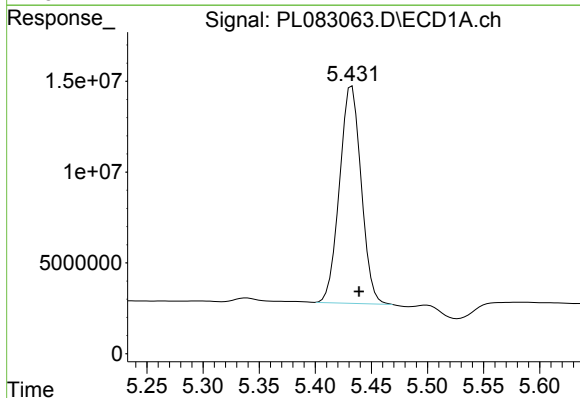
Manual Integrations  
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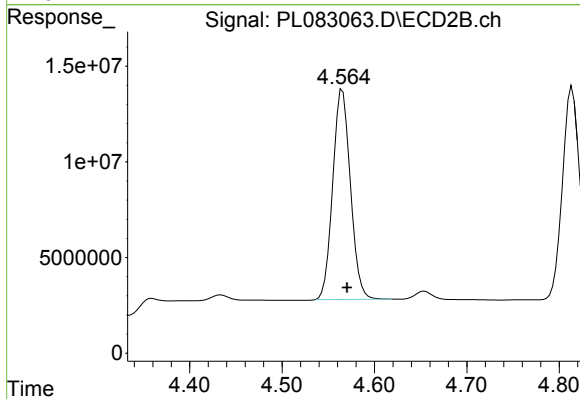
#7 delta-BHC

R.T.: 3.984 min  
Delta R.T.: -0.004 min  
Response: 167398977  
Conc: 51.09 ng/ml



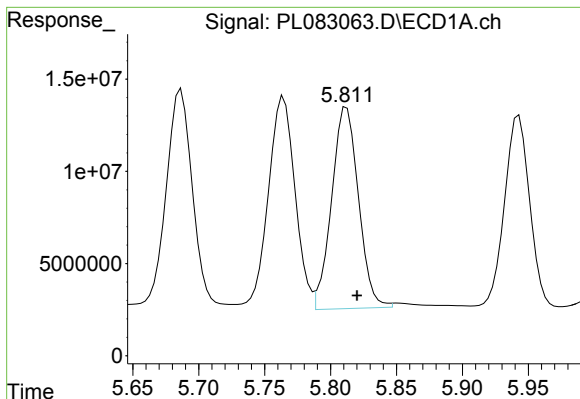
#8 Heptachlor epoxide

R.T.: 5.433 min  
Delta R.T.: -0.006 min  
Response: 160550338  
Conc: 50.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.565 min  
Delta R.T.: -0.005 min  
Response: 146019683  
Conc: 49.20 ng/ml



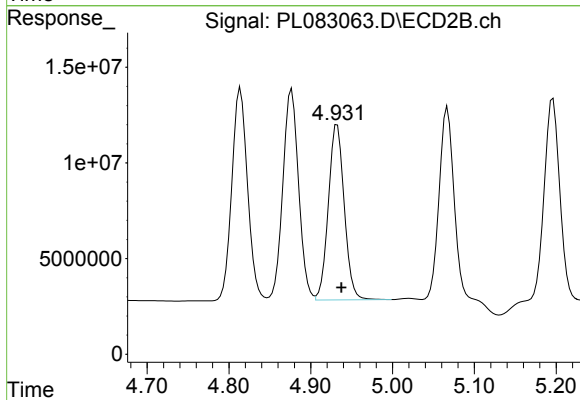
#9 Endosulfan I

R.T.: 5.812 min  
Delta R.T.: -0.008 min  
Response: 155028377  
Conc: 51.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

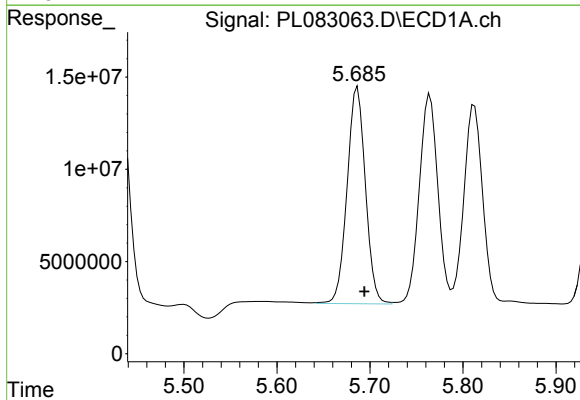
Manual Integrations  
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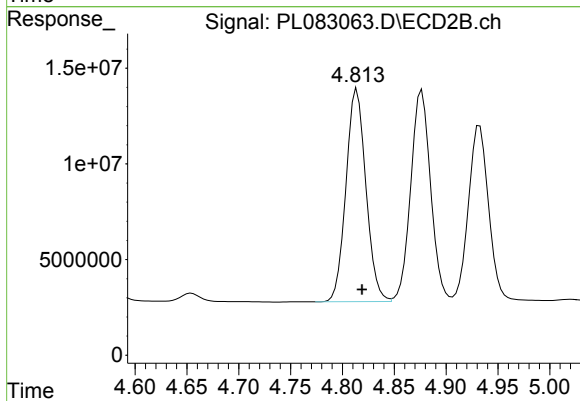
#9 Endosulfan I

R.T.: 4.932 min  
Delta R.T.: -0.005 min  
Response: 124018659  
Conc: 44.38 ng/ml



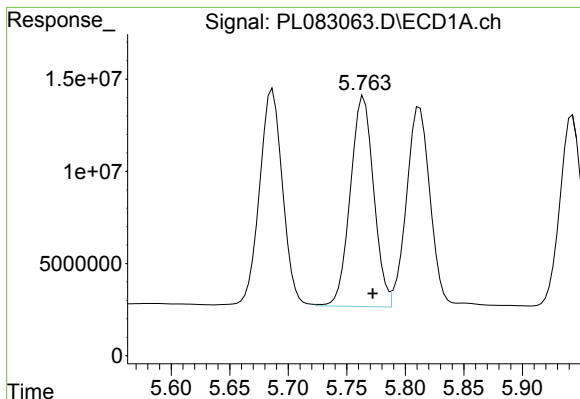
#10 gamma-Chlordane

R.T.: 5.685 min  
Delta R.T.: -0.009 min  
Response: 160763733  
Conc: 50.60 ng/ml m



#10 gamma-Chlordane

R.T.: 4.814 min  
Delta R.T.: -0.005 min  
Response: 148805050  
Conc: 49.55 ng/ml



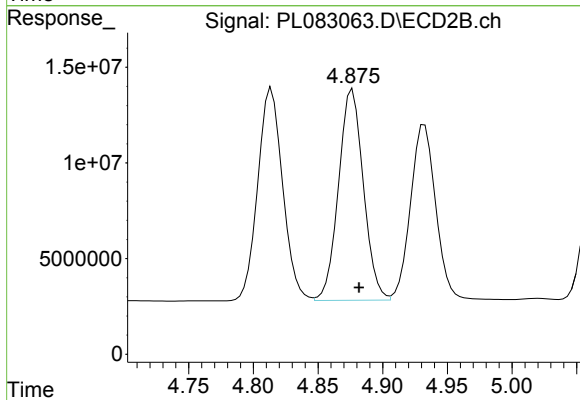
#11 alpha-Chlordane

R.T.: 5.763 min  
Delta R.T.: -0.009 min  
Response: 158675998  
Conc: 49.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

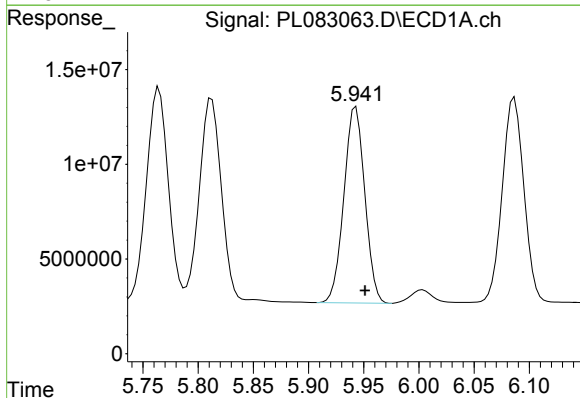
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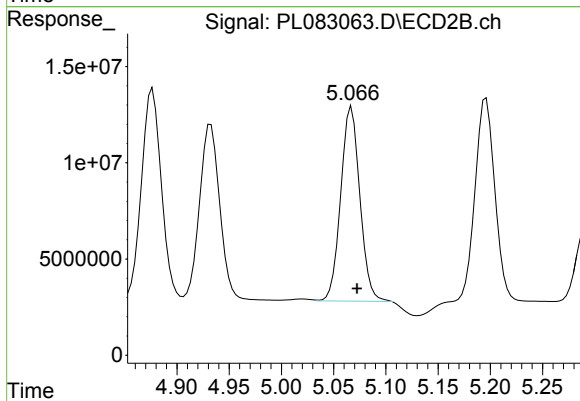
#11 alpha-Chlordane

R.T.: 4.877 min  
Delta R.T.: -0.005 min  
Response: 147330617  
Conc: 49.08 ng/ml



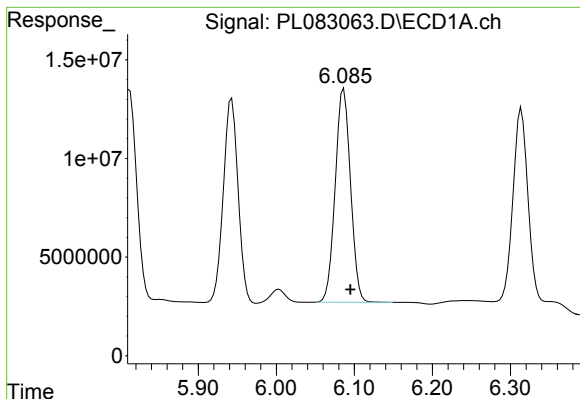
#12 4,4'-DDE

R.T.: 5.943 min  
Delta R.T.: -0.008 min  
Response: 136331157  
Conc: 49.46 ng/ml



#12 4,4'-DDE

R.T.: 5.066 min  
Delta R.T.: -0.007 min  
Response: 128825555  
Conc: 53.04 ng/ml m



#13 Dieldrin

R.T.: 6.087 min  
Delta R.T.: -0.008 min  
Response: 147497451  
Conc: 49.04 ng/ml

Instrument :

ECD\_L

ClientSampleId :

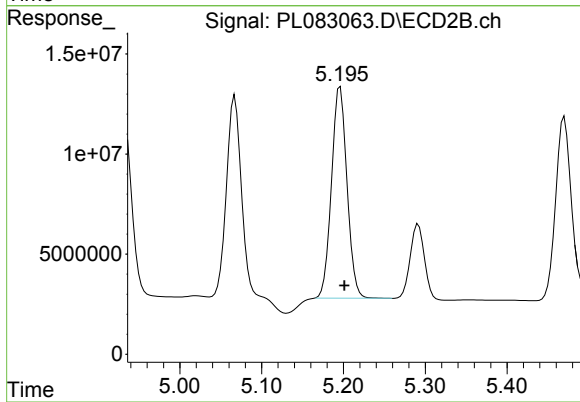
PSTDCCC050

Manual Integrations

APPROVED

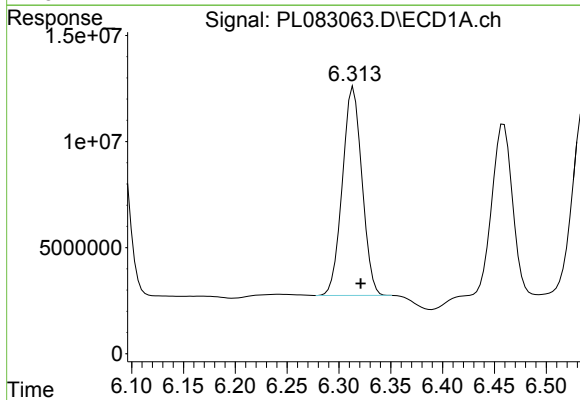
Reviewed By :Abdul Mirza 05/30/2023

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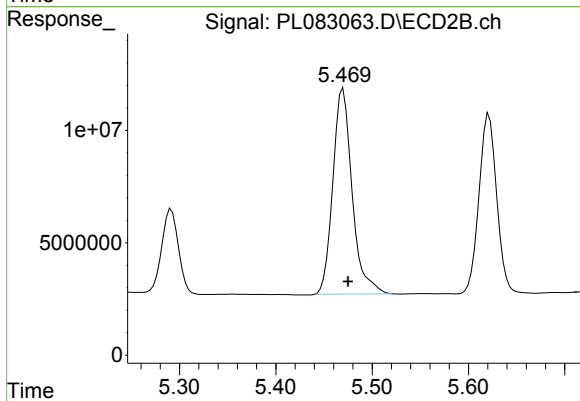
#13 Dieldrin

R.T.: 5.196 min  
Delta R.T.: -0.005 min  
Response: 139239970  
Conc: 49.32 ng/ml



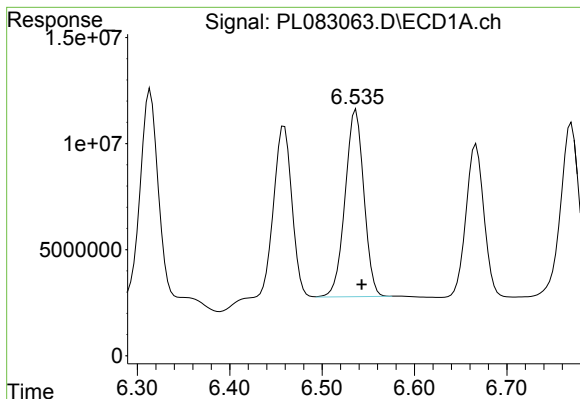
#14 Endrin

R.T.: 6.314 min  
Delta R.T.: -0.007 min  
Response: 129297336  
Conc: 48.12 ng/ml



#14 Endrin

R.T.: 5.470 min  
Delta R.T.: -0.005 min  
Response: 127265734  
Conc: 50.16 ng/ml



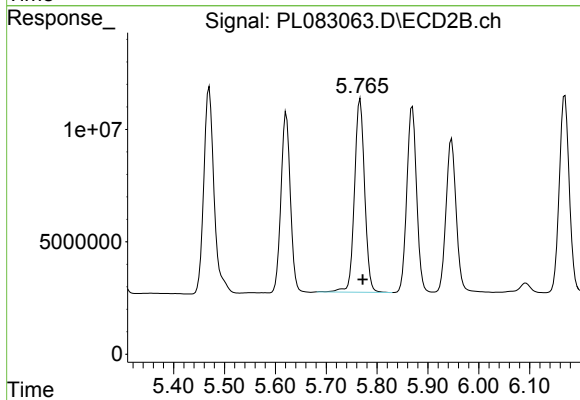
#15 Endosulfan II

R.T.: 6.537 min  
Delta R.T.: -0.006 min  
Response: 124305195  
Conc: 46.73 ng/ml

Instrument :  
ECD\_L  
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PSTDCCC050

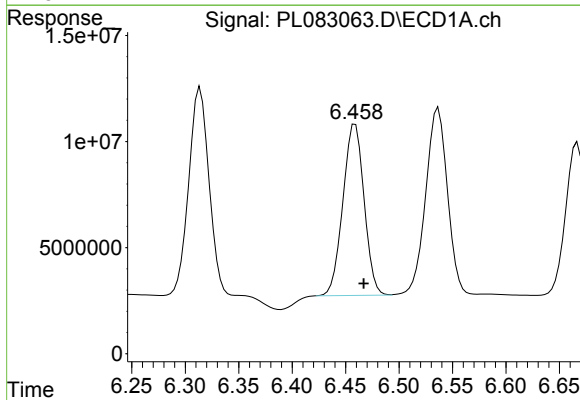
Manual Integrations  
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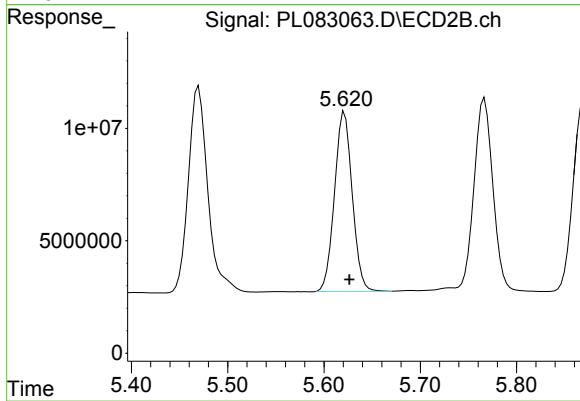
#15 Endosulfan II

R.T.: 5.767 min  
Delta R.T.: -0.005 min  
Response: 119341405  
Conc: 48.23 ng/ml



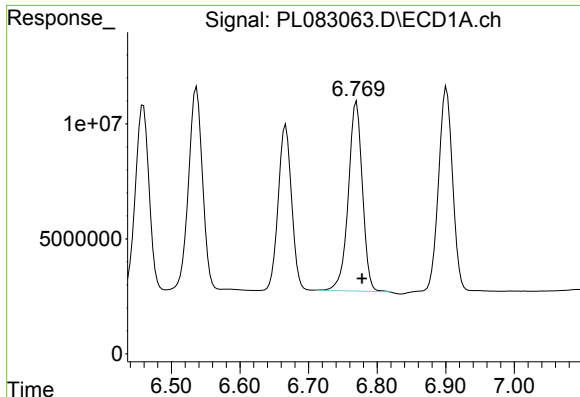
#16 4,4'-DDD

R.T.: 6.459 min  
Delta R.T.: -0.008 min  
Response: 111370418  
Conc: 51.25 ng/ml



#16 4,4'-DDD

R.T.: 5.621 min  
Delta R.T.: -0.005 min  
Response: 102129521  
Conc: 53.10 ng/ml



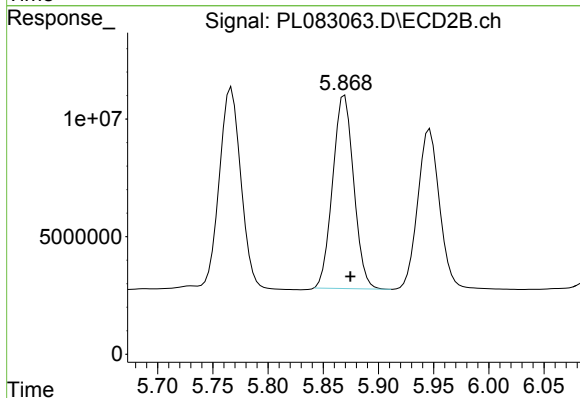
#17 4,4'-DDT

R.T.: 6.770 min  
Delta R.T.: -0.008 min  
Response: 117763634  
Conc: 47.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

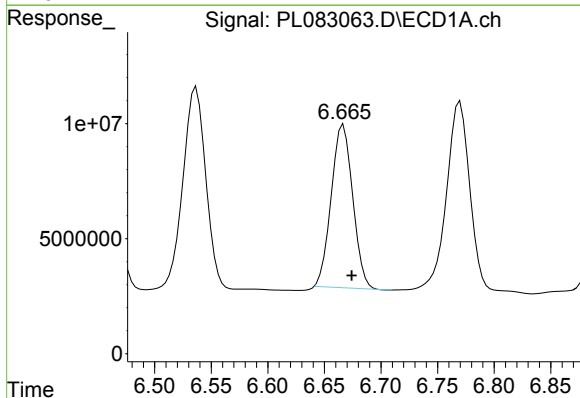
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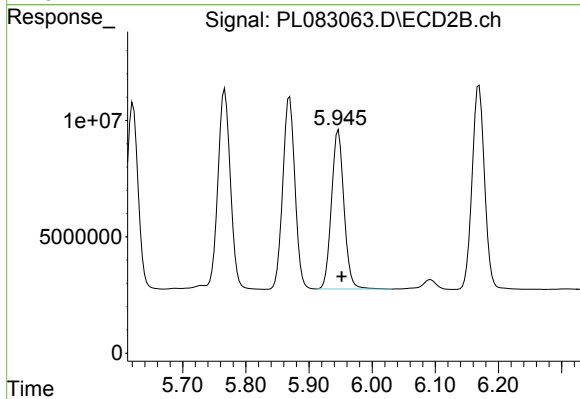
#17 4,4'-DDT

R.T.: 5.869 min  
Delta R.T.: -0.005 min  
Response: 108984768  
Conc: 48.85 ng/ml



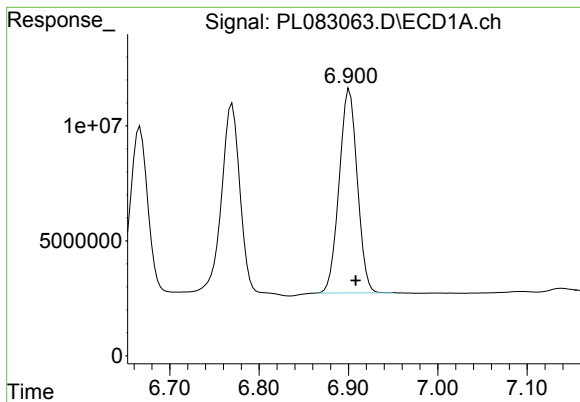
#18 Endrin aldehyde

R.T.: 6.667 min  
Delta R.T.: -0.007 min  
Response: 93511652  
Conc: 46.51 ng/ml



#18 Endrin aldehyde

R.T.: 5.947 min  
Delta R.T.: -0.005 min  
Response: 94166234  
Conc: 47.62 ng/ml



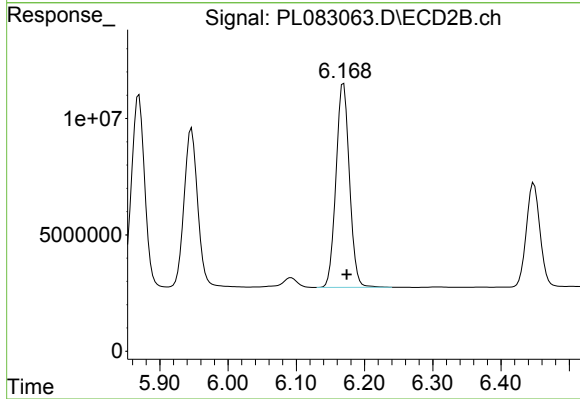
#19 Endosulfan Sulfate

R.T.: 6.901 min  
Delta R.T.: -0.007 min  
Response: 125036174  
Conc: 48.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

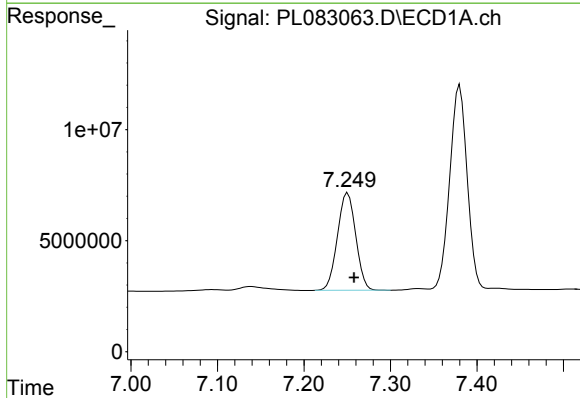
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/30/2023  
Supervised By :Ankita Jodhani 05/30/2023



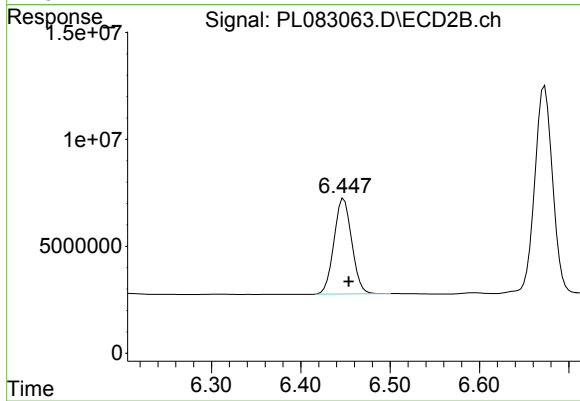
#19 Endosulfan Sulfate

R.T.: 6.169 min  
Delta R.T.: -0.005 min  
Response: 120120355  
Conc: 49.05 ng/ml



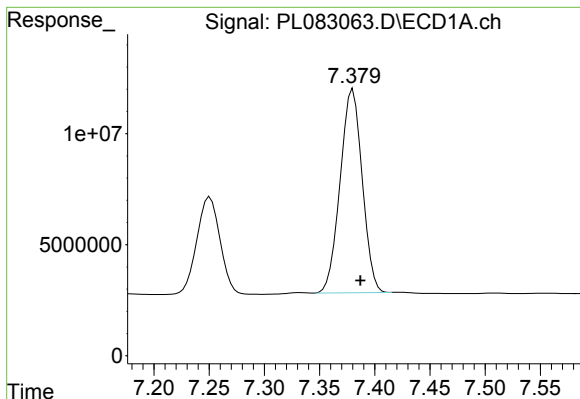
#20 Methoxychlor

R.T.: 7.251 min  
Delta R.T.: -0.007 min  
Response: 64164029  
Conc: 48.52 ng/ml



#20 Methoxychlor

R.T.: 6.448 min  
Delta R.T.: -0.006 min  
Response: 61784644  
Conc: 48.58 ng/ml



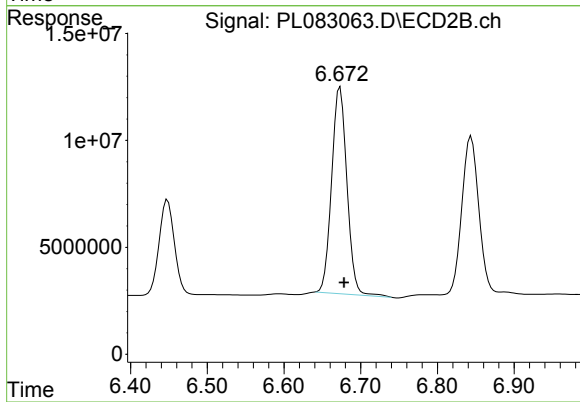
#21 Endrin ketone

R.T.: 7.380 min  
Delta R.T.: -0.007 min  
Response: 127468505  
Conc: 49.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

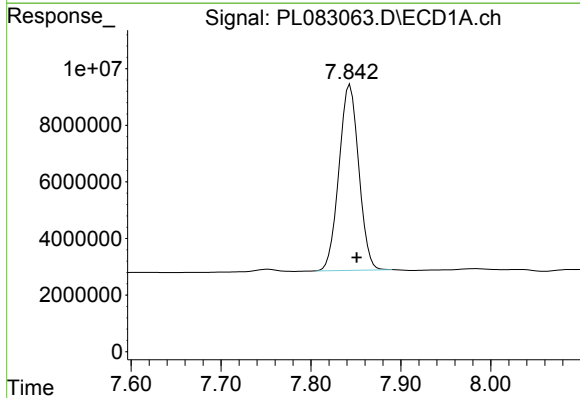
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/30/2023  
Supervised By :Ankita Jodhani 05/30/2023



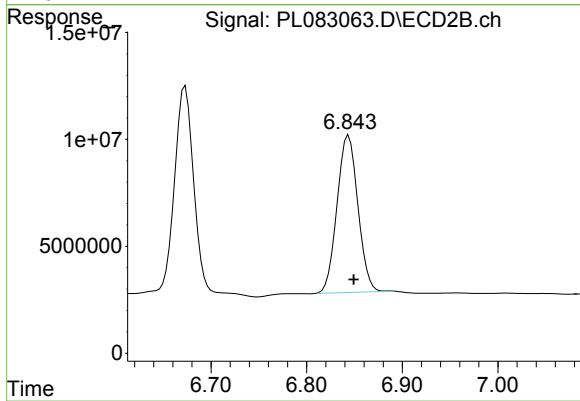
#21 Endrin ketone

R.T.: 6.673 min  
Delta R.T.: -0.005 min  
Response: 133660493  
Conc: 49.43 ng/ml



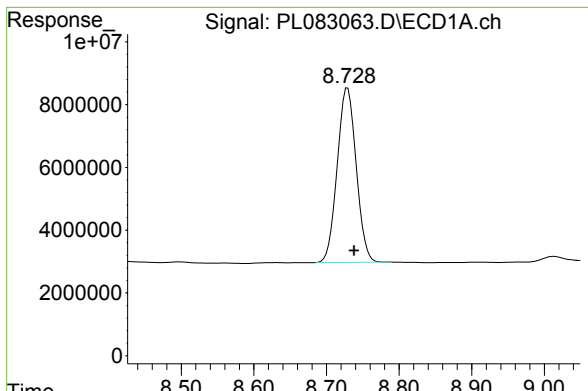
#22 Mirex

R.T.: 7.844 min  
Delta R.T.: -0.007 min  
Response: 100312255  
Conc: 47.86 ng/ml



#22 Mirex

R.T.: 6.844 min  
Delta R.T.: -0.005 min  
Response: 111539227  
Conc: 47.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.729 min

Delta R.T.: -0.009 min

Response: 100979321

Conc: 48.15 ng/ml

Instrument :

ECD\_L

ClientSampleId :

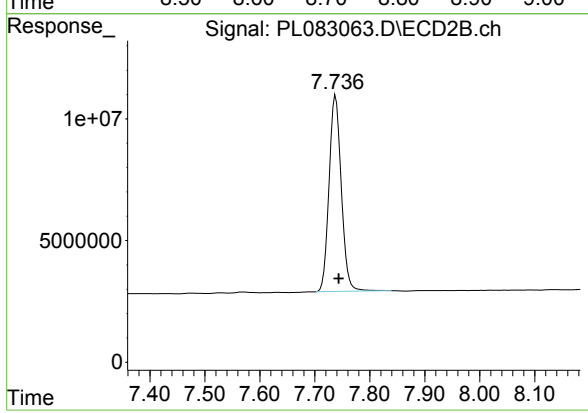
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/30/2023

Supervised By :Ankita Jodhani 05/30/2023



#28 Decachlorobiphenyl

R.T.: 7.738 min

Delta R.T.: -0.006 min

Response: 124433642

Conc: 50.04 ng/ml