

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060723\  
 Data File : PL083274.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jun 2023 09:27  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/08/2023  
 Supervised By : Ankita Jodhani 06/08/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 07 22:06:13 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 | 2.632 | 135.8E6  | 116.7E6  | 46.214  | 44.971 |
| 28)                         | SA Decachlor... | 8.748 | 7.743 | 105.4E6  | 118.7E6  | 50.261  | 47.742 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.775 | 3.129 | 210.3E6  | 168.4E6  | 47.383  | 45.139 |
| 3)                          | MA gamma-BHC... | 4.103 | 3.456 | 195.7E6  | 157.3E6  | 47.235  | 47.197 |
| 4)                          | MA Heptachlor   | 4.681 | 3.788 | 188.1E6  | 166.2E6  | 49.221  | 45.384 |
| 5)                          | MB Aldrin       | 5.018 | 4.064 | 175.8E6  | 155.8E6  | 49.957  | 47.894 |
| 6)                          | B beta-BHC      | 4.308 | 3.758 | 85345632 | 65172720 | 45.331  | 45.573 |
| 7)                          | B delta-BHC     | 4.549 | 3.983 | 197.7E6  | 153.8E6  | 57.478  | 46.929 |
| 8)                          | B Heptachlo...  | 5.445 | 4.566 | 160.4E6  | 138.8E6  | 50.147  | 46.769 |
| 9)                          | A Endosulfan I  | 5.826 | 4.933 | 149.8E6  | 124.6E6  | 49.925  | 44.587 |
| 10)                         | B gamma-Chl...  | 5.698 | 4.815 | 161.8E6  | 140.5E6  | 50.924m | 46.792 |
| 11)                         | B alpha-Chl...  | 5.778 | 4.878 | 162.4E6  | 140.3E6  | 50.607  | 46.750 |
| 12)                         | B 4,4'-DDE      | 5.956 | 5.068 | 140.1E6  | 122.0E6  | 50.814  | 50.216 |
| 13)                         | MA Dieldrin     | 6.101 | 5.198 | 151.1E6  | 132.5E6  | 50.232  | 46.931 |
| 14)                         | MA Endrin       | 6.327 | 5.472 | 126.9E6  | 115.3E6  | 47.238m | 45.448 |
| 15)                         | B Endosulfa...  | 6.551 | 5.770 | 123.8E6  | 111.2E6  | 46.525  | 44.944 |
| 16)                         | A 4,4'-DDD      | 6.473 | 5.624 | 119.1E6  | 99204250 | 54.795  | 51.582 |
| 17)                         | MA 4,4'-DDT     | 6.784 | 5.872 | 116.5E6  | 99896779 | 46.529  | 44.776 |
| 18)                         | B Endrin al...  | 6.681 | 5.950 | 100.8E6  | 91282805 | 50.128  | 46.161 |
| 19)                         | B Endosulfa...  | 6.915 | 6.173 | 127.5E6  | 115.2E6  | 49.751  | 47.029 |
| 20)                         | A Methoxychlor  | 7.265 | 6.452 | 60567798 | 55690151 | 45.802  | 43.790 |
| 21)                         | B Endrin ke...  | 7.394 | 6.677 | 134.5E6  | 129.5E6  | 52.715m | 47.909 |
| 22)                         | Mirex           | 7.858 | 6.848 | 101.1E6  | 109.5E6  | 48.237  | 46.780 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060723\  
Data File : PL083274.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jun 2023 09:27  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

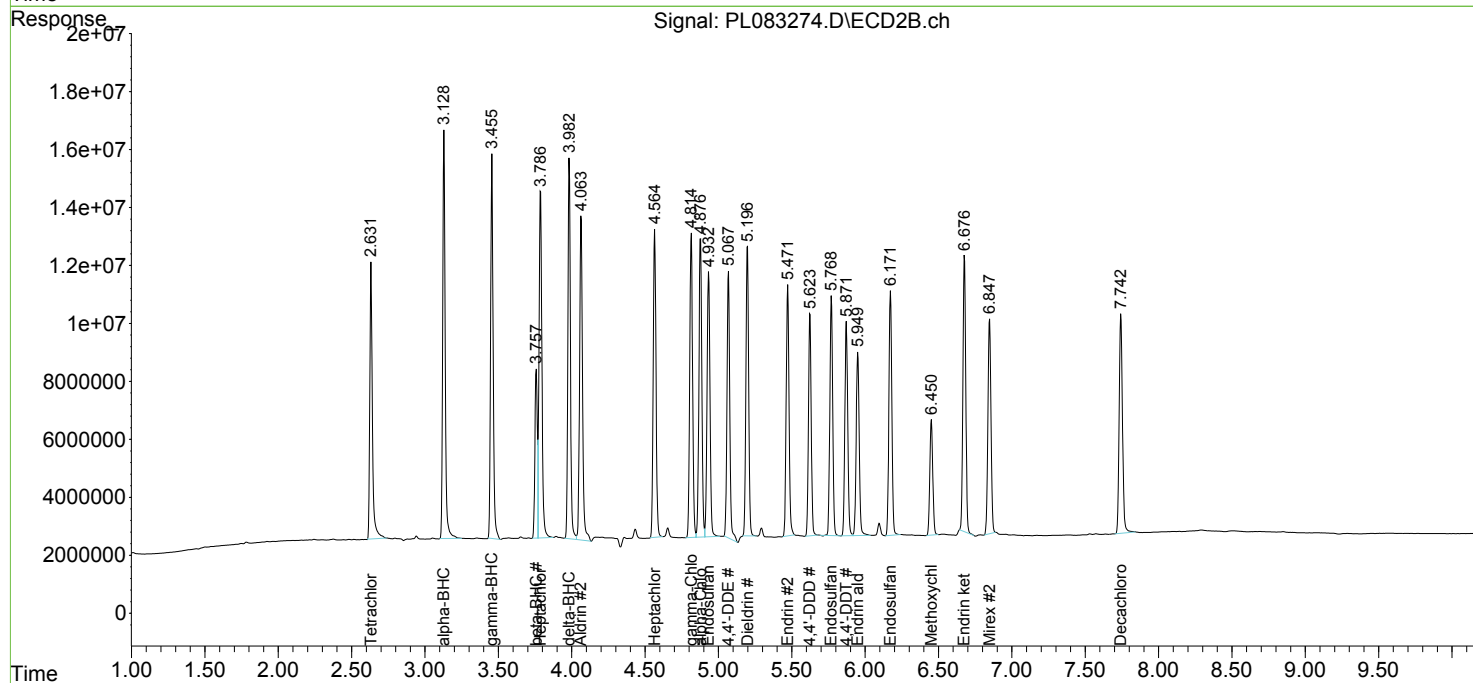
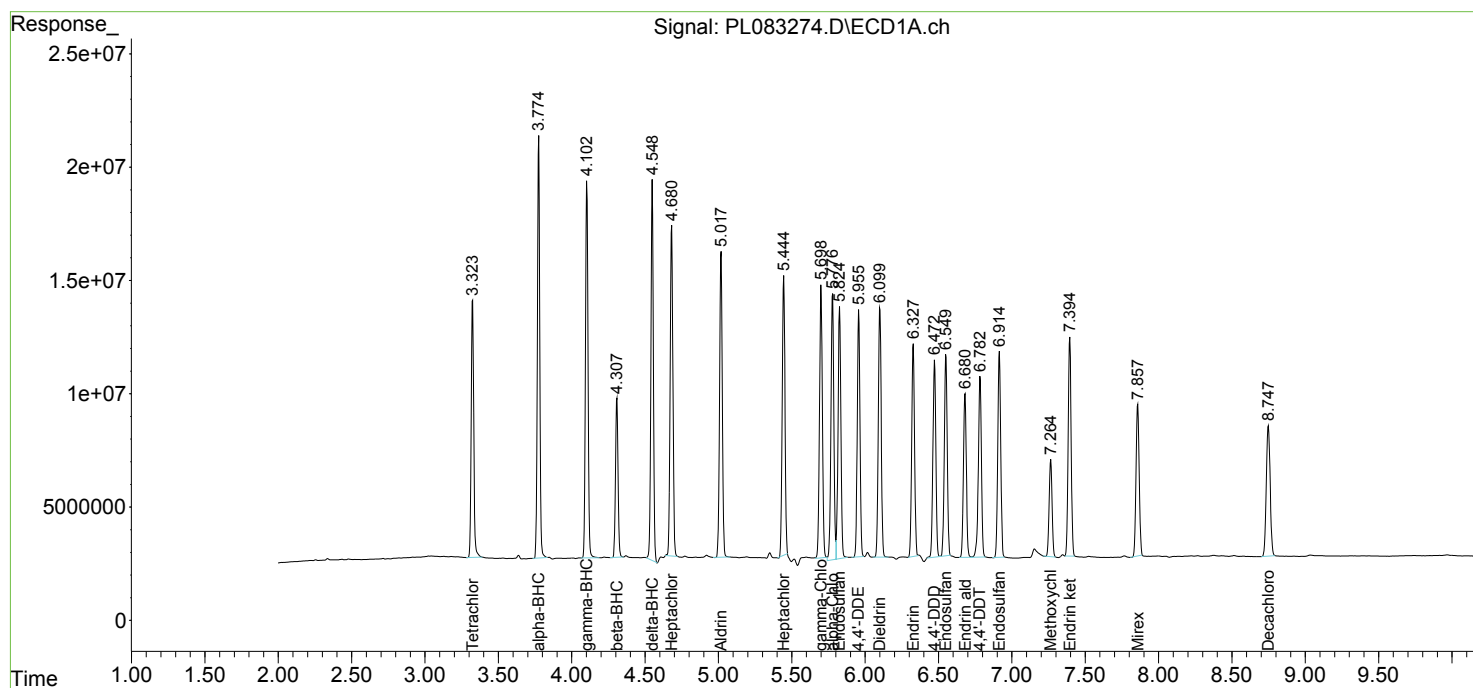
## APPROVED

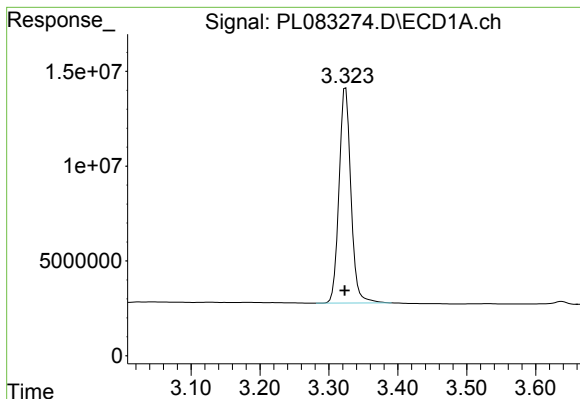
Reviewed By :Abdul Mirza 06/08/2023

Supervised By :Ankita Jodhani 06/08/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 07 22:06:13 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





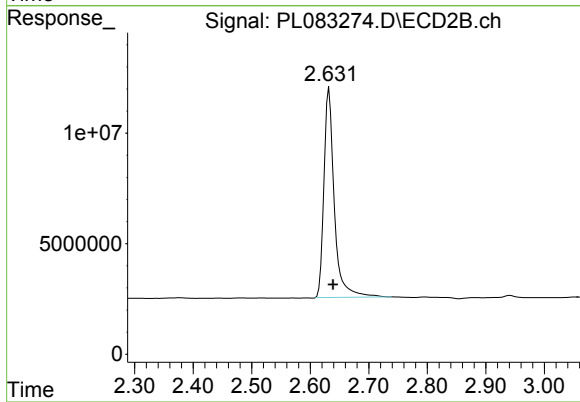
#1 Tetrachloro-m-xylene

R.T.: 3.324 min  
Delta R.T.: 0.001 min  
Response: 135824774  
Conc: 46.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

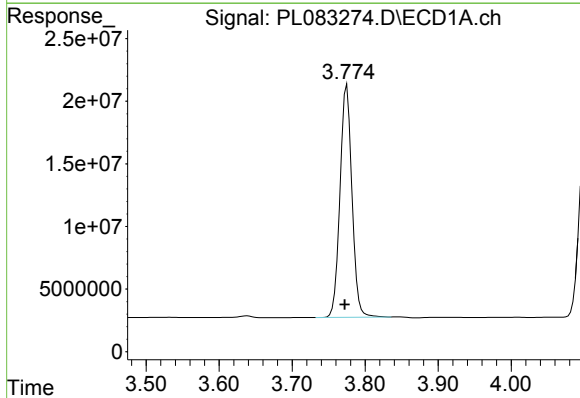
Manual Integrations  
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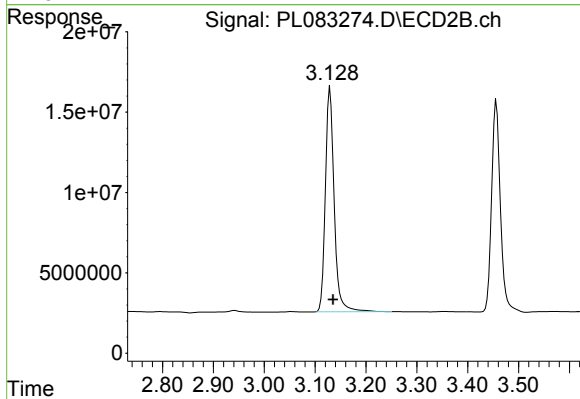
#1 Tetrachloro-m-xylene

R.T.: 2.632 min  
Delta R.T.: -0.007 min  
Response: 116747474  
Conc: 44.97 ng/ml



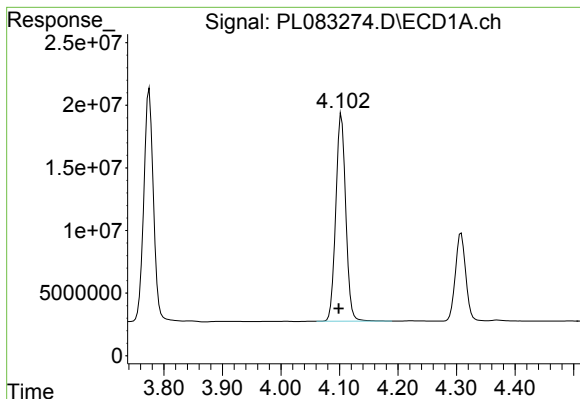
#2 alpha-BHC

R.T.: 3.775 min  
Delta R.T.: 0.003 min  
Response: 210346649  
Conc: 47.38 ng/ml



#2 alpha-BHC

R.T.: 3.129 min  
Delta R.T.: -0.006 min  
Response: 168434281  
Conc: 45.14 ng/ml



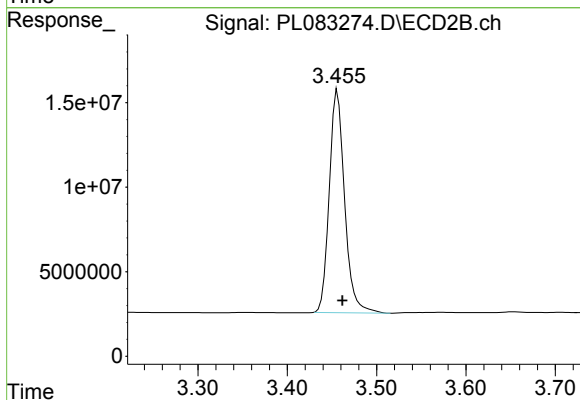
#3 gamma-BHC (Lindane)

R.T.: 4.103 min  
Delta R.T.: 0.004 min  
Response: 195689136  
Conc: 47.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

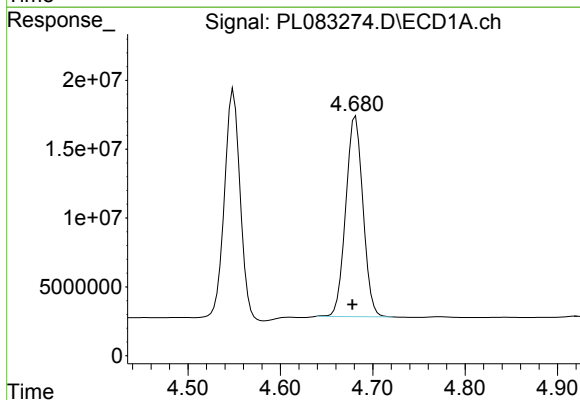
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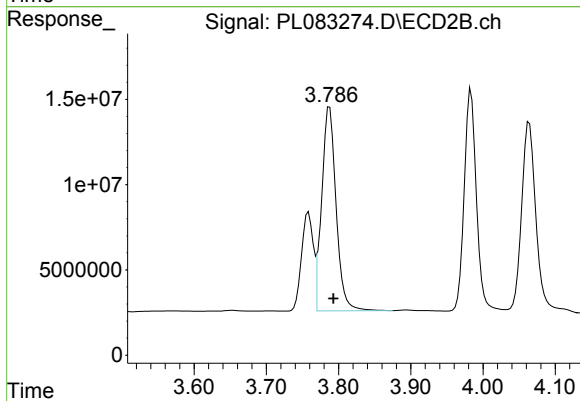
#3 gamma-BHC (Lindane)

R.T.: 3.456 min  
Delta R.T.: -0.006 min  
Response: 157320857  
Conc: 47.20 ng/ml



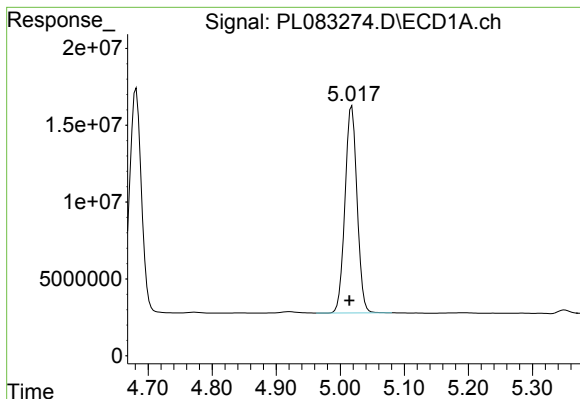
#4 Heptachlor

R.T.: 4.681 min  
Delta R.T.: 0.003 min  
Response: 188144999  
Conc: 49.22 ng/ml



#4 Heptachlor

R.T.: 3.788 min  
Delta R.T.: -0.005 min  
Response: 166153546  
Conc: 45.38 ng/ml



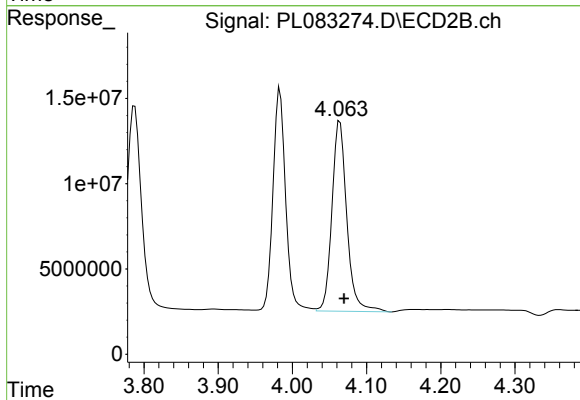
#5 Aldrin

R.T.: 5.018 min  
Delta R.T.: 0.004 min  
Response: 175753918  
Conc: 49.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

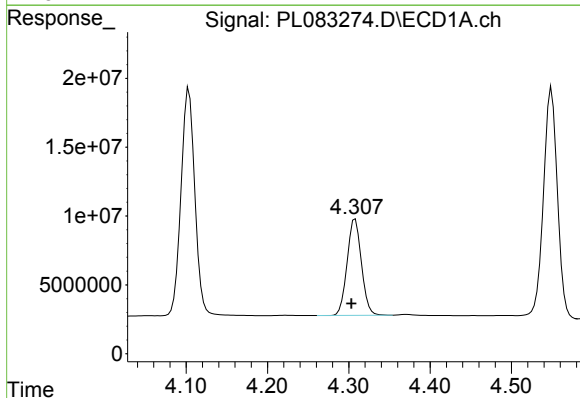
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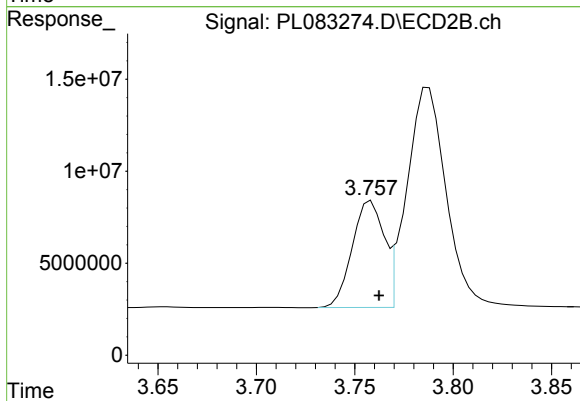
#5 Aldrin

R.T.: 4.064 min  
Delta R.T.: -0.006 min  
Response: 155830553  
Conc: 47.89 ng/ml



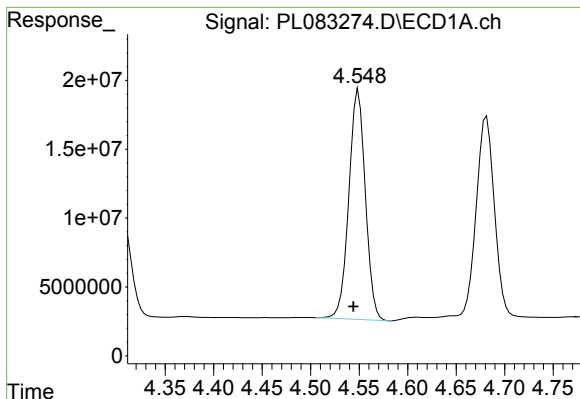
#6 beta-BHC

R.T.: 4.308 min  
Delta R.T.: 0.005 min  
Response: 85345632  
Conc: 45.33 ng/ml



#6 beta-BHC

R.T.: 3.758 min  
Delta R.T.: -0.004 min  
Response: 65172720  
Conc: 45.57 ng/ml



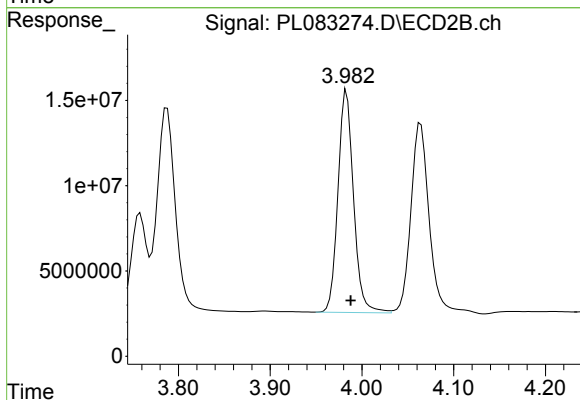
#7 delta-BHC

R.T.: 4.549 min  
Delta R.T.: 0.005 min  
Response: 197662688  
Conc: 57.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

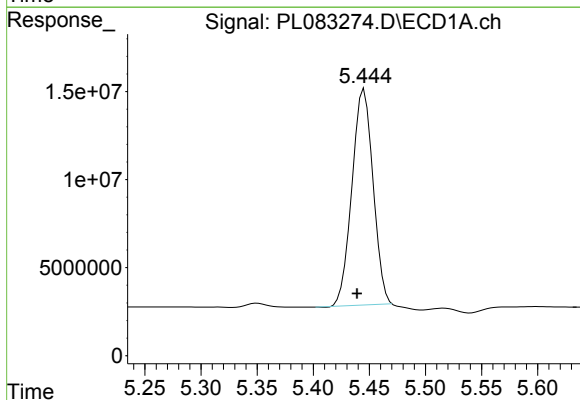
Manual Integrations  
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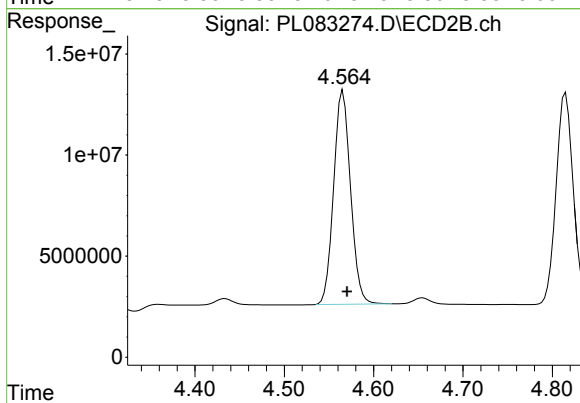
#7 delta-BHC

R.T.: 3.983 min  
Delta R.T.: -0.005 min  
Response: 153760354  
Conc: 46.93 ng/ml



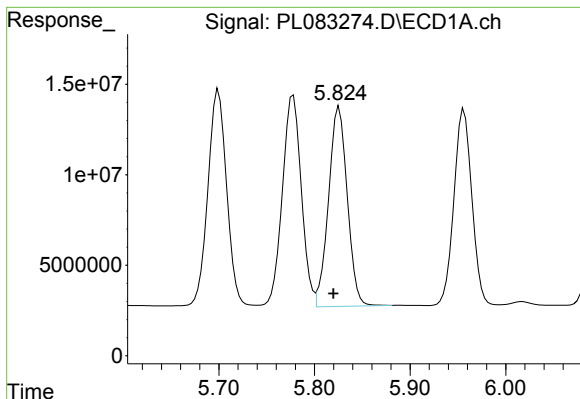
#8 Heptachlor epoxide

R.T.: 5.445 min  
Delta R.T.: 0.006 min  
Response: 160404806  
Conc: 50.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.566 min  
Delta R.T.: -0.005 min  
Response: 138806672  
Conc: 46.77 ng/ml



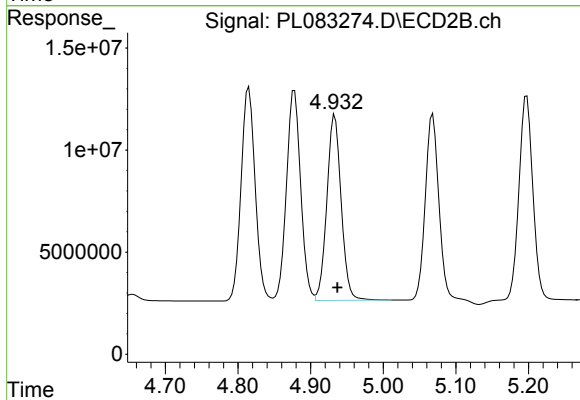
#9 Endosulfan I

R.T.: 5.826 min  
Delta R.T.: 0.006 min  
Response: 149803442  
Conc: 49.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

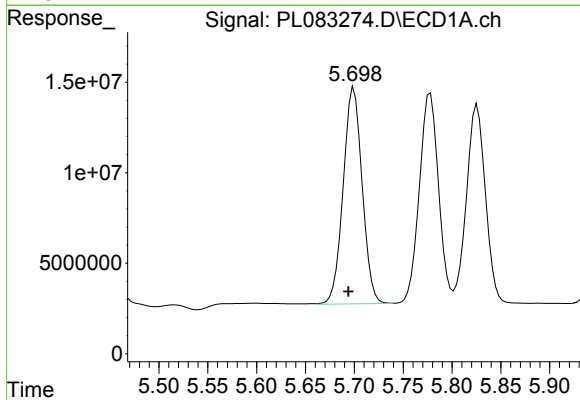
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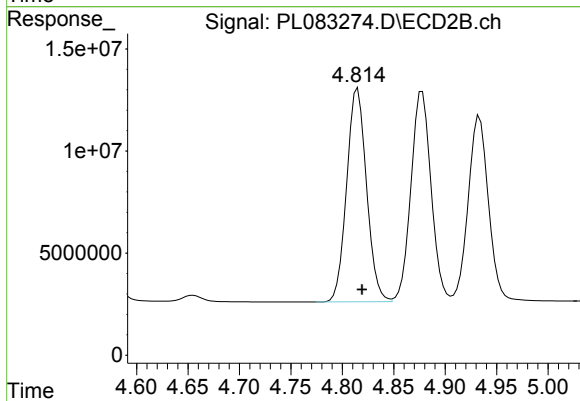
#9 Endosulfan I

R.T.: 4.933 min  
Delta R.T.: -0.004 min  
Response: 124592220  
Conc: 44.59 ng/ml



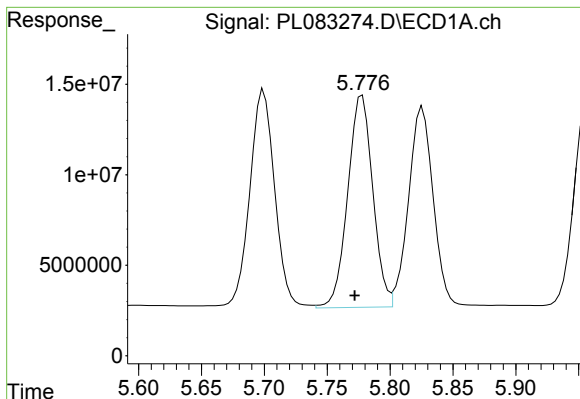
#10 gamma-Chlordane

R.T.: 5.698 min  
Delta R.T.: 0.004 min  
Response: 161783597  
Conc: 50.92 ng/ml m



#10 gamma-Chlordane

R.T.: 4.815 min  
Delta R.T.: -0.004 min  
Response: 140535603  
Conc: 46.79 ng/ml



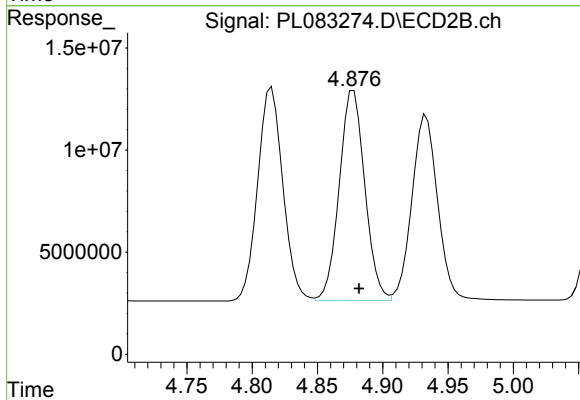
#11 alpha-Chlordane

R.T.: 5.778 min  
Delta R.T.: 0.006 min  
Response: 162414247  
Conc: 50.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

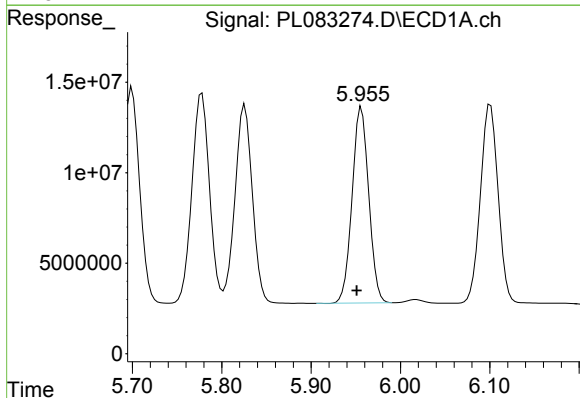
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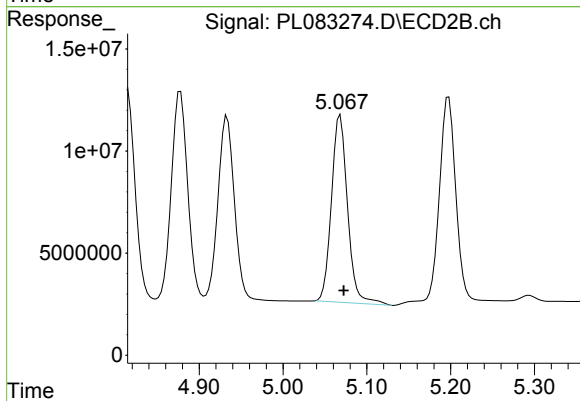
#11 alpha-Chlordane

R.T.: 4.878 min  
Delta R.T.: -0.004 min  
Response: 140343386  
Conc: 46.75 ng/ml



#12 4,4'-DDE

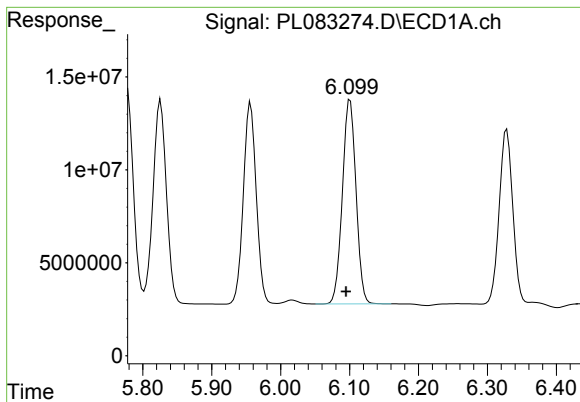
R.T.: 5.956 min  
Delta R.T.: 0.005 min  
Response: 140069647  
Conc: 50.81 ng/ml



#12 4,4'-DDE

R.T.: 5.068 min  
Delta R.T.: -0.004 min  
Response: 121962318  
Conc: 50.22 ng/ml





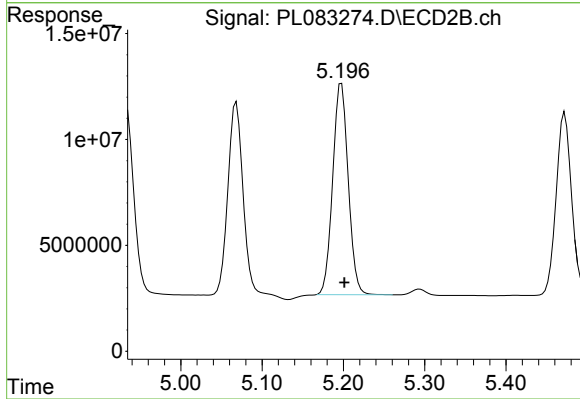
#13 Dieldrin

R.T.: 6.101 min  
Delta R.T.: 0.006 min  
Response: 151089988  
Conc: 50.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

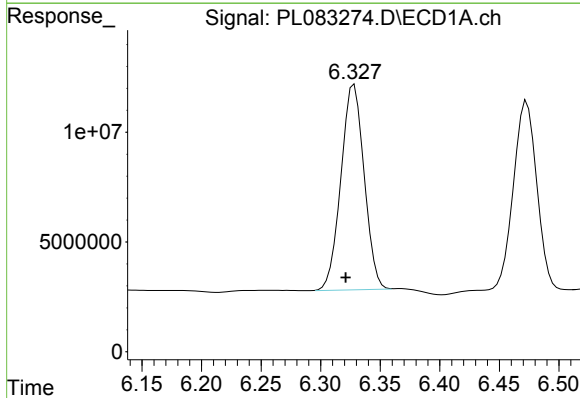
Manual Integrations  
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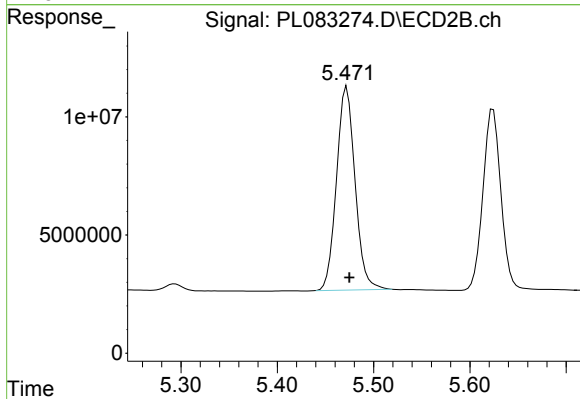
#13 Dieldrin

R.T.: 5.198 min  
Delta R.T.: -0.004 min  
Response: 132483215  
Conc: 46.93 ng/ml



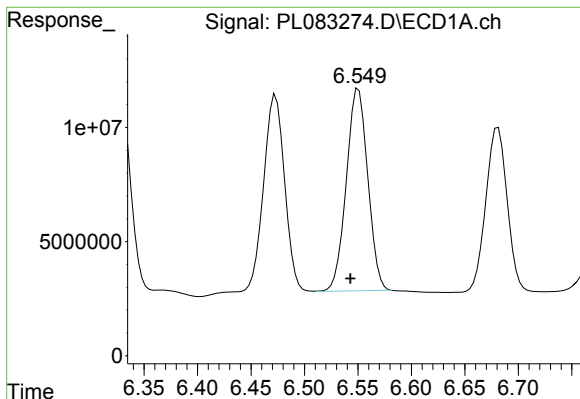
#14 Endrin

R.T.: 6.327 min  
Delta R.T.: 0.006 min  
Response: 126939706  
Conc: 47.24 ng/ml m



#14 Endrin

R.T.: 5.472 min  
Delta R.T.: -0.003 min  
Response: 115298701  
Conc: 45.45 ng/ml



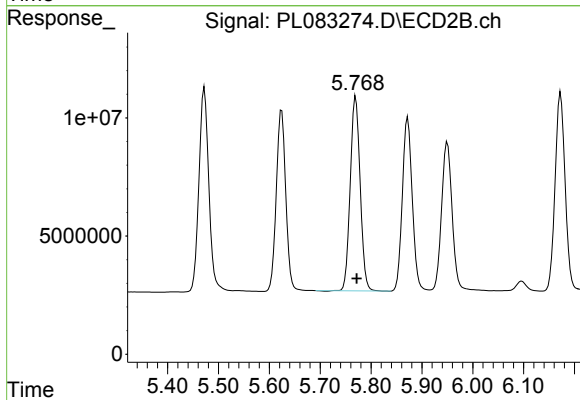
#15 Endosulfan II

R.T.: 6.551 min  
Delta R.T.: 0.008 min  
Response: 123813807  
Conc: 46.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

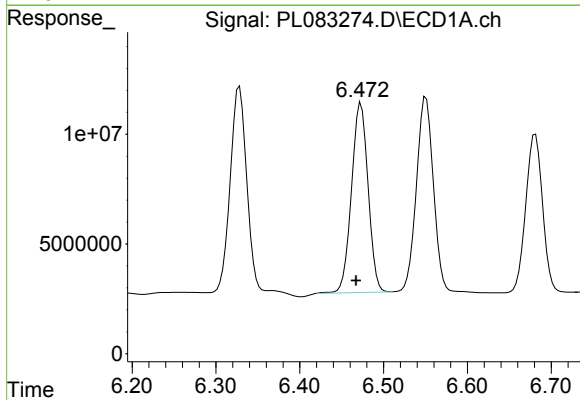
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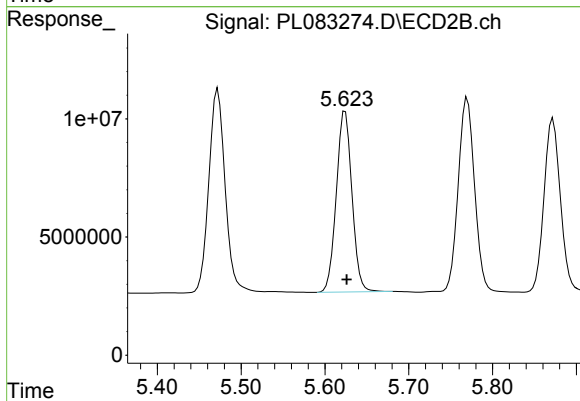
#15 Endosulfan II

R.T.: 5.770 min  
Delta R.T.: -0.002 min  
Response: 111200974  
Conc: 44.94 ng/ml



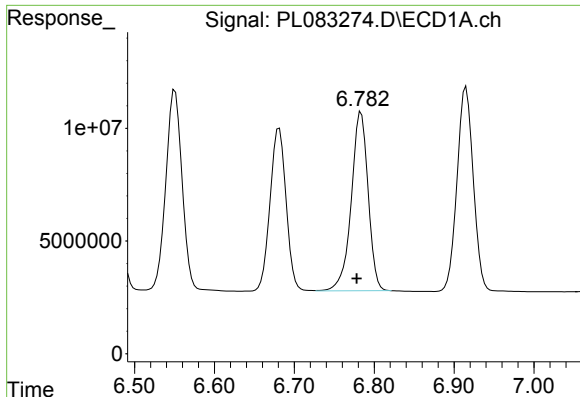
#16 4,4'-DDD

R.T.: 6.473 min  
Delta R.T.: 0.006 min  
Response: 119073120  
Conc: 54.80 ng/ml



#16 4,4'-DDD

R.T.: 5.624 min  
Delta R.T.: -0.002 min  
Response: 99204250  
Conc: 51.58 ng/ml



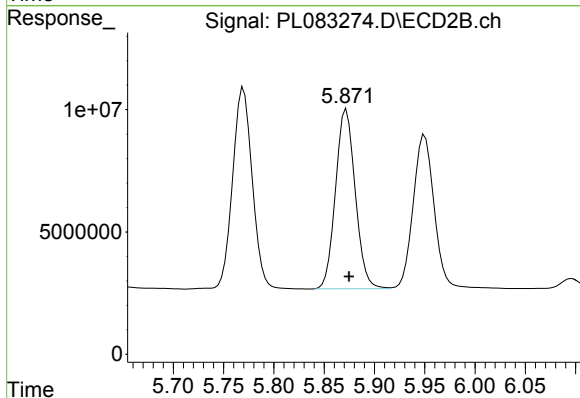
#17 4,4'-DDT

R.T.: 6.784 min  
Delta R.T.: 0.006 min  
Response: 116470579  
Conc: 46.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

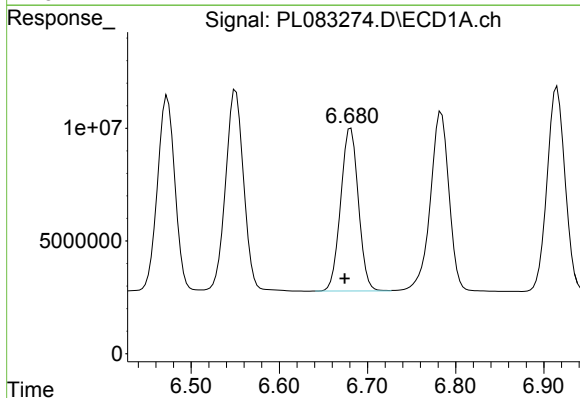
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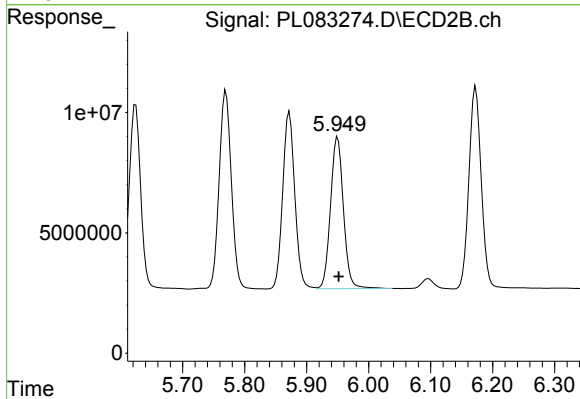
#17 4,4'-DDT

R.T.: 5.872 min  
Delta R.T.: -0.003 min  
Response: 99896779  
Conc: 44.78 ng/ml



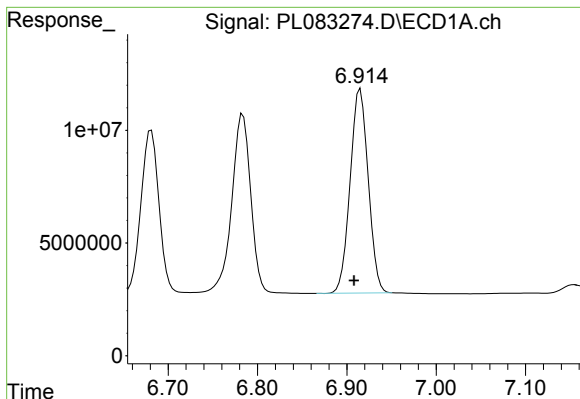
#18 Endrin aldehyde

R.T.: 6.681 min  
Delta R.T.: 0.007 min  
Response: 100788937  
Conc: 50.13 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min  
Delta R.T.: -0.002 min  
Response: 91282805  
Conc: 46.16 ng/ml



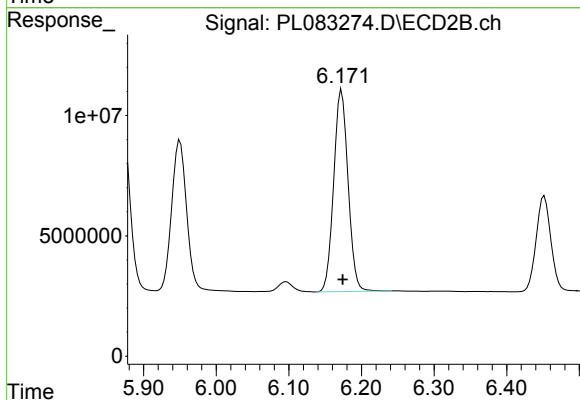
#19 Endosulfan Sulfate

R.T.: 6.915 min  
Delta R.T.: 0.007 min  
Response: 127546811  
Conc: 49.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

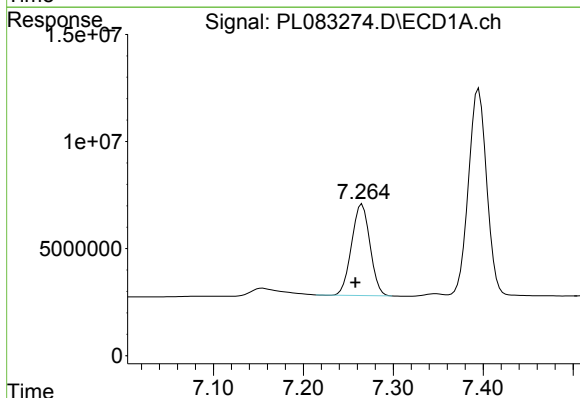
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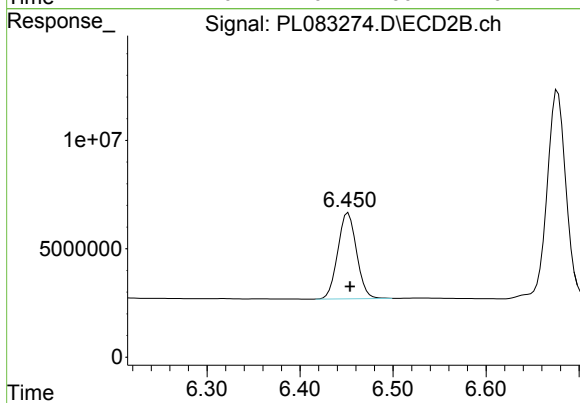
#19 Endosulfan Sulfate

R.T.: 6.173 min  
Delta R.T.: -0.001 min  
Response: 115174202  
Conc: 47.03 ng/ml



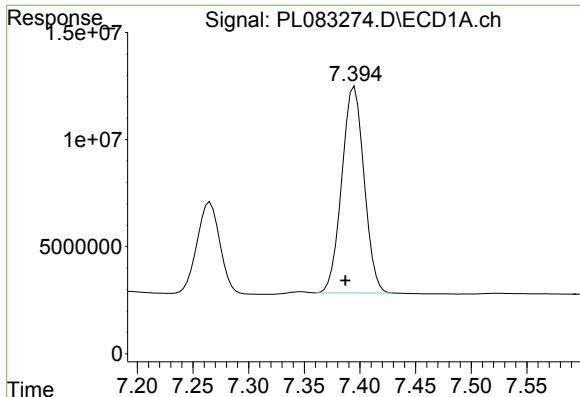
#20 Methoxychlor

R.T.: 7.265 min  
Delta R.T.: 0.007 min  
Response: 60567798  
Conc: 45.80 ng/ml



#20 Methoxychlor

R.T.: 6.452 min  
Delta R.T.: -0.002 min  
Response: 55690151  
Conc: 43.79 ng/ml



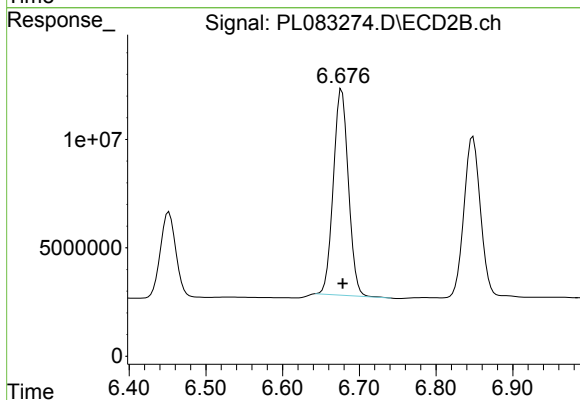
#21 Endrin ketone

R.T.: 7.394 min  
Delta R.T.: 0.007 min  
Response: 134465982  
Conc: 52.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

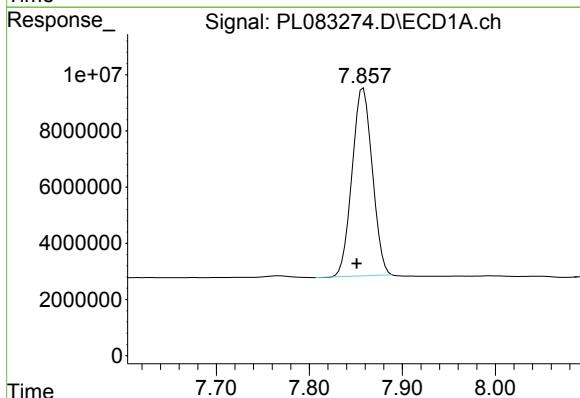
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/08/2023  
Supervised By :Ankita Jodhani 06/08/2023



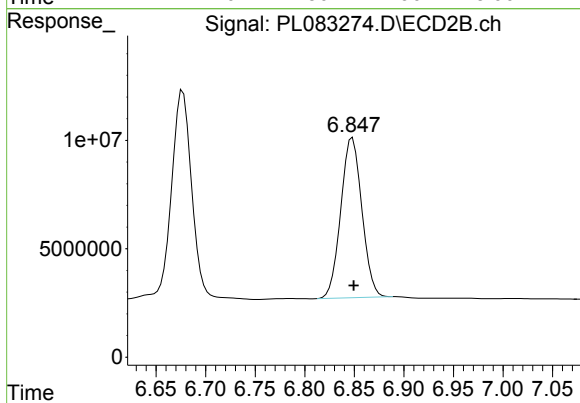
#21 Endrin ketone

R.T.: 6.677 min  
Delta R.T.: -0.001 min  
Response: 129539620  
Conc: 47.91 ng/ml



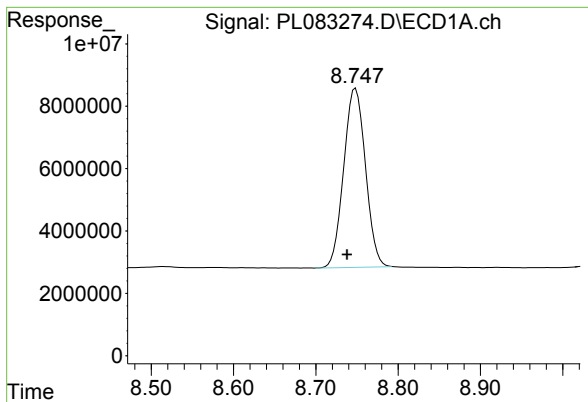
#22 Mirex

R.T.: 7.858 min  
Delta R.T.: 0.007 min  
Response: 101105263  
Conc: 48.24 ng/ml



#22 Mirex

R.T.: 6.848 min  
Delta R.T.: -0.001 min  
Response: 109457578  
Conc: 46.78 ng/ml



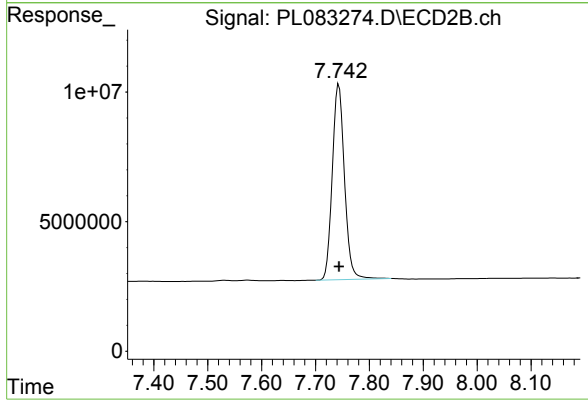
#28 Decachlorobiphenyl

R.T.: 8.748 min  
Delta R.T.: 0.010 min  
Response: 105412875  
Conc: 50.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/08/2023  
Supervised By :Ankita Jodhani 06/08/2023



#28 Decachlorobiphenyl

R.T.: 7.743 min  
Delta R.T.: 0.000 min  
Response: 118711981  
Conc: 47.74 ng/ml