

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061423\  
 Data File : PL083452.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jun 2023 22:31  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/15/2023  
 Supervised By : Ankita Jodhani 06/15/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 15 04:10:46 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... | 3.313 | 2.631 | 141.0E6  | 124.3E6  | 47.972  | 47.899  |
| 28)                         | SA Decachlor... | 8.731 | 7.733 | 103.6E6  | 116.1E6  | 49.399  | 46.691  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.762 | 3.126 | 212.9E6  | 177.9E6  | 47.956  | 47.686  |
| 3)                          | MA gamma-BHC... | 4.090 | 3.451 | 198.7E6  | 165.3E6  | 47.960  | 49.580m |
| 4)                          | MA Heptachlor   | 4.667 | 3.782 | 175.8E6  | 162.0E6  | 45.998  | 44.244  |
| 5)                          | MB Aldrin       | 5.003 | 4.058 | 173.6E6  | 155.4E6  | 49.349  | 47.752  |
| 6)                          | B beta-BHC      | 4.294 | 3.753 | 88313354 | 68235318 | 46.907  | 47.714  |
| 7)                          | B delta-BHC     | 4.535 | 3.978 | 192.5E6  | 161.7E6  | 55.991  | 49.349  |
| 8)                          | B Heptachlo...  | 5.430 | 4.558 | 158.6E6  | 141.1E6  | 49.576  | 47.536m |
| 9)                          | A Endosulfan I  | 5.810 | 4.925 | 145.6E6  | 132.6E6  | 48.525  | 47.454  |
| 10)                         | B gamma-Chl...  | 5.685 | 4.807 | 162.0E6  | 144.2E6  | 50.982  | 48.025  |
| 11)                         | B alpha-Chl...  | 5.762 | 4.870 | 157.1E6  | 142.9E6  | 48.960  | 47.589  |
| 12)                         | B 4,4'-DDE      | 5.941 | 5.059 | 139.5E6  | 124.4E6  | 50.601  | 51.230m |
| 13)                         | MA Dieldrin     | 6.085 | 5.188 | 148.3E6  | 134.9E6  | 49.308  | 47.780m |
| 14)                         | MA Endrin       | 6.312 | 5.462 | 116.9E6  | 110.5E6  | 43.502  | 43.541m |
| 15)                         | B Endosulfa...  | 6.535 | 5.761 | 119.1E6  | 112.7E6  | 44.594  | 45.539  |
| 16)                         | A 4,4'-DDD      | 6.457 | 5.614 | 119.1E6  | 108.4E6  | 54.821  | 56.339m |
| 17)                         | MA 4,4'-DDT     | 6.768 | 5.861 | 104.6E6  | 92674791 | 41.777  | 41.539m |
| 18)                         | B Endrin al...  | 6.664 | 5.940 | 97375267 | 89472036 | 48.430m | 45.246  |
| 19)                         | B Endosulfa...  | 6.900 | 6.163 | 126.3E6  | 116.5E6  | 49.280  | 47.578  |
| 20)                         | A Methoxychlor  | 7.250 | 6.442 | 55672747 | 51106623 | 42.100  | 40.186  |
| 21)                         | B Endrin ke...  | 7.379 | 6.666 | 131.7E6  | 132.9E6  | 51.642  | 49.170m |
| 22)                         | Mirex           | 7.842 | 6.836 | 100.3E6  | 107.0E6  | 47.869  | 45.717m |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061423\  
 Data File : PL083452.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jun 2023 22:31  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

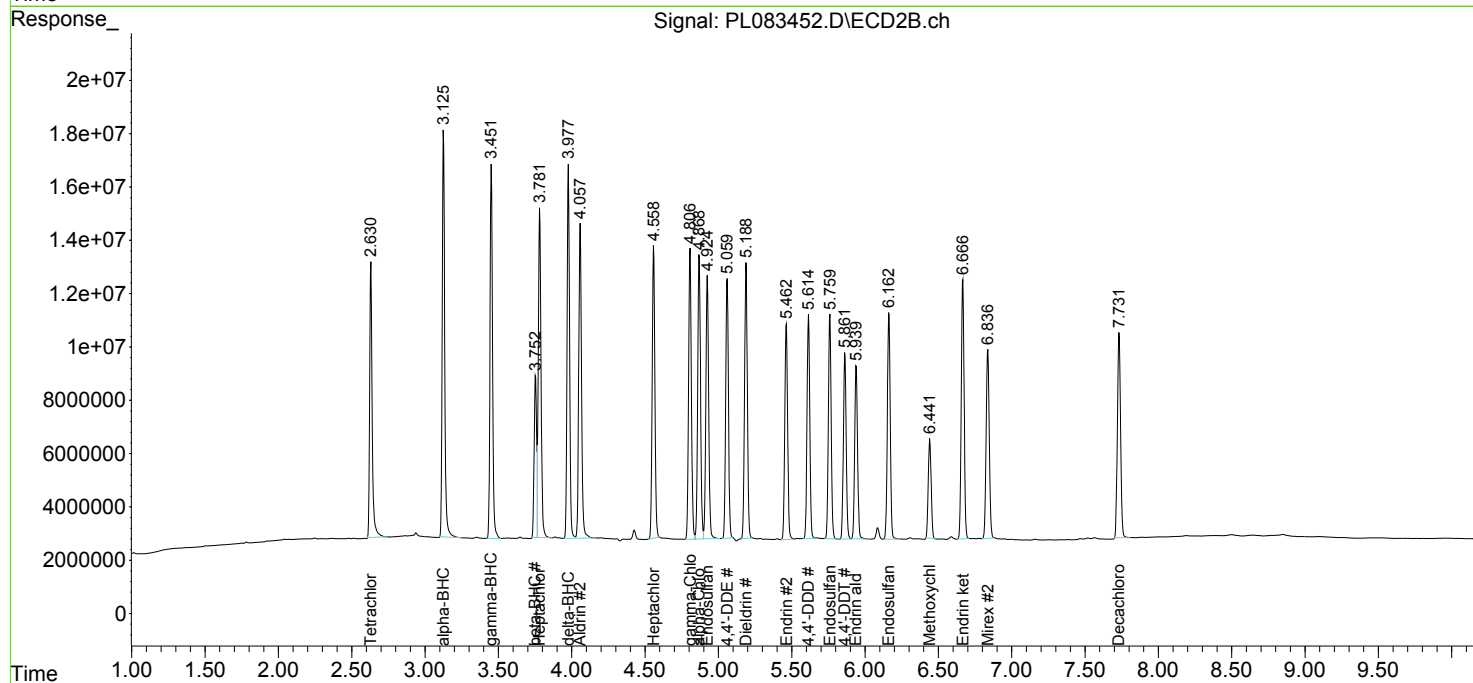
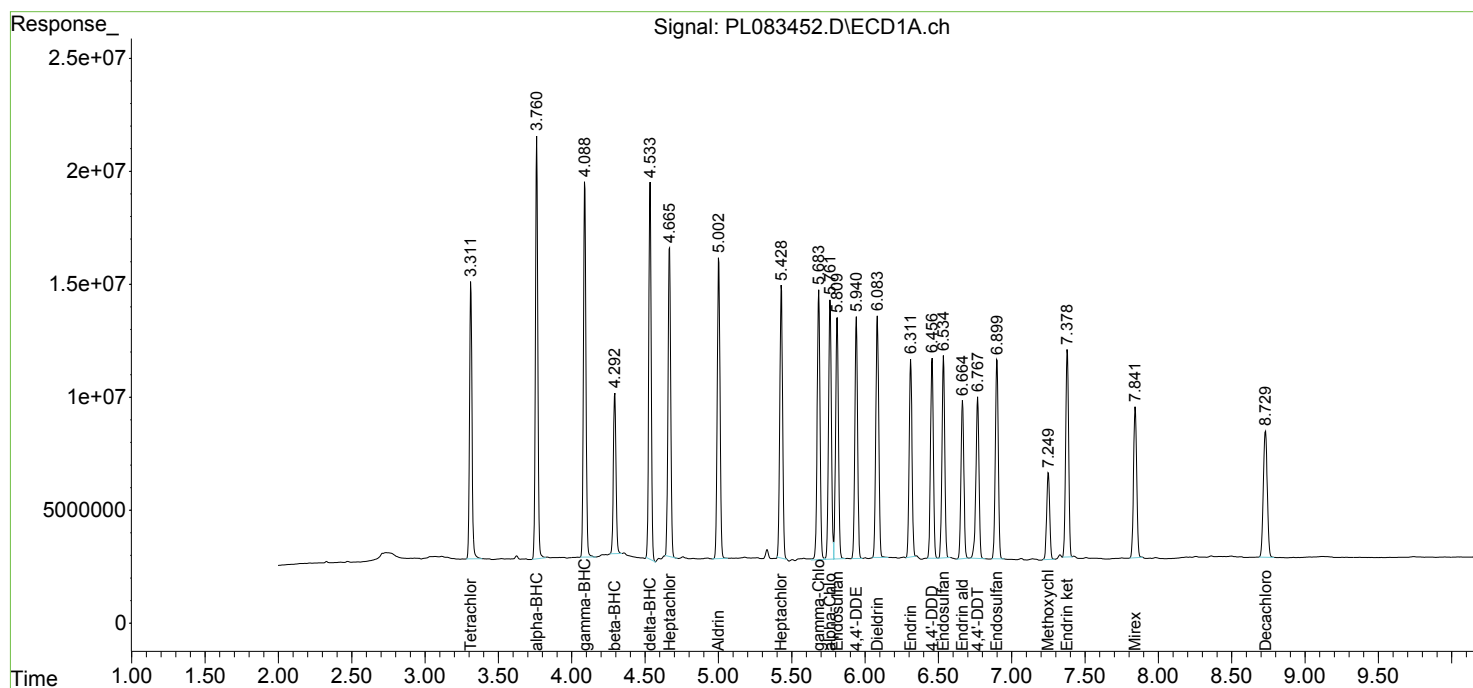
## Manual Integrations

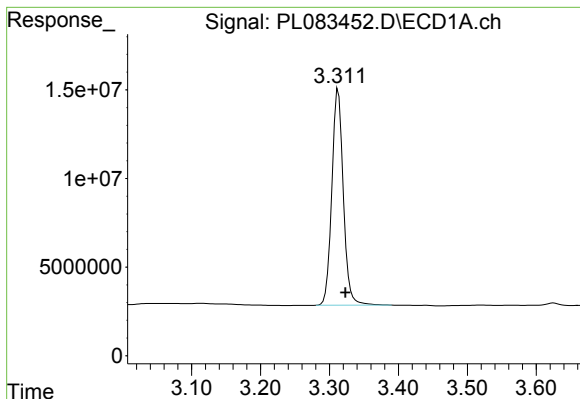
## APPROVED

Reviewed By :Abdul Mirza 06/15/2023  
 Supervised By :Ankita Jodhani 06/15/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 15 04:10:46 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
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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





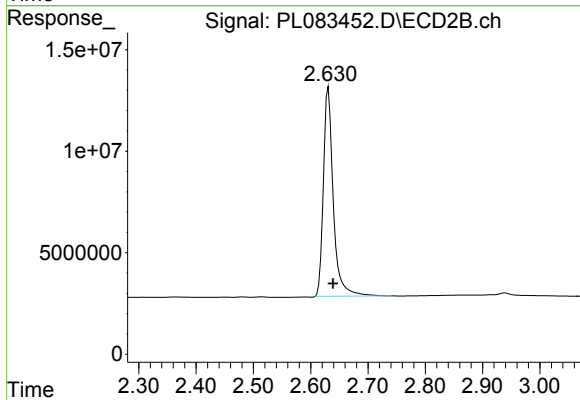
#1 Tetrachloro-m-xylene

R.T.: 3.313 min  
Delta R.T.: -0.010 min  
Response: 140990798  
Conc: 47.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

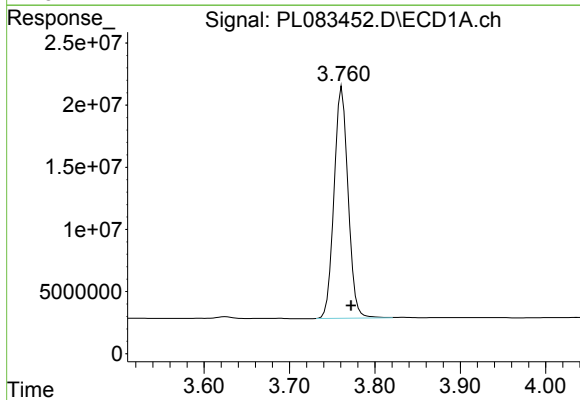
Manual Integrations  
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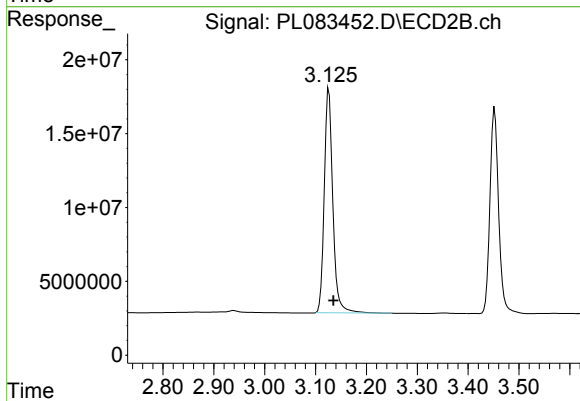
#1 Tetrachloro-m-xylene

R.T.: 2.631 min  
Delta R.T.: -0.008 min  
Response: 124349688  
Conc: 47.90 ng/ml



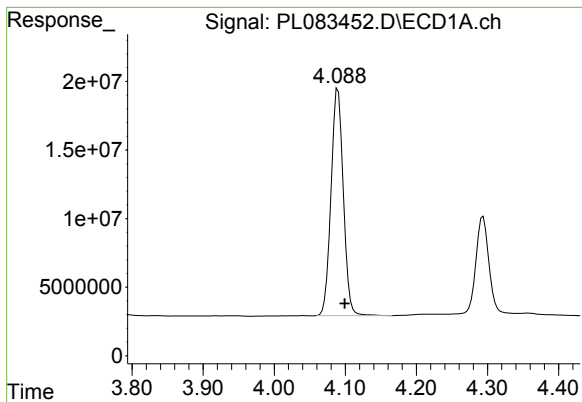
#2 alpha-BHC

R.T.: 3.762 min  
Delta R.T.: -0.010 min  
Response: 212889019  
Conc: 47.96 ng/ml



#2 alpha-BHC

R.T.: 3.126 min  
Delta R.T.: -0.009 min  
Response: 177939070  
Conc: 47.69 ng/ml



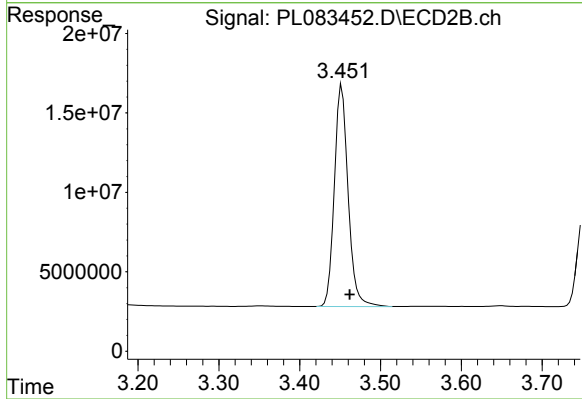
#3 gamma-BHC (Lindane)

R.T.: 4.090 min  
Delta R.T.: -0.009 min  
Response: 198694402  
Conc: 47.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

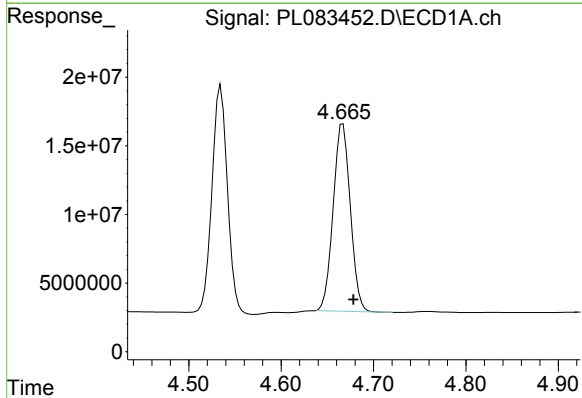
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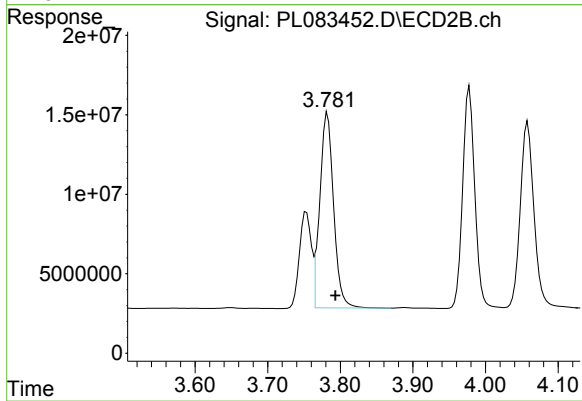
#3 gamma-BHC (Lindane)

R.T.: 3.451 min  
Delta R.T.: -0.011 min  
Response: 165264226  
Conc: 49.58 ng/ml m



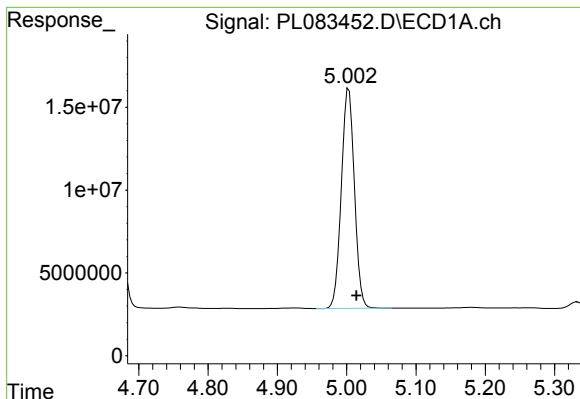
#4 Heptachlor

R.T.: 4.667 min  
Delta R.T.: -0.011 min  
Response: 175826462  
Conc: 46.00 ng/ml



#4 Heptachlor

R.T.: 3.782 min  
Delta R.T.: -0.011 min  
Response: 161981719  
Conc: 44.24 ng/ml



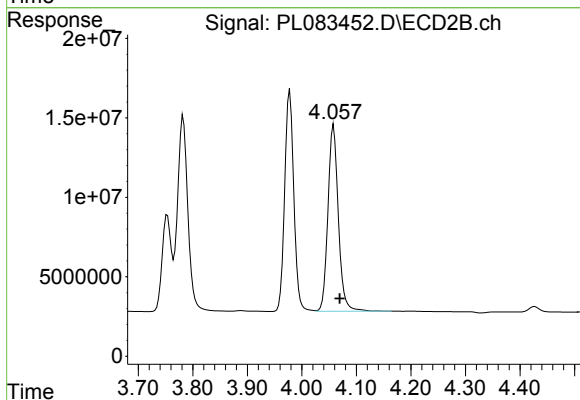
#5 Aldrin

R.T.: 5.003 min  
Delta R.T.: -0.011 min  
Response: 173614286  
Conc: 49.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

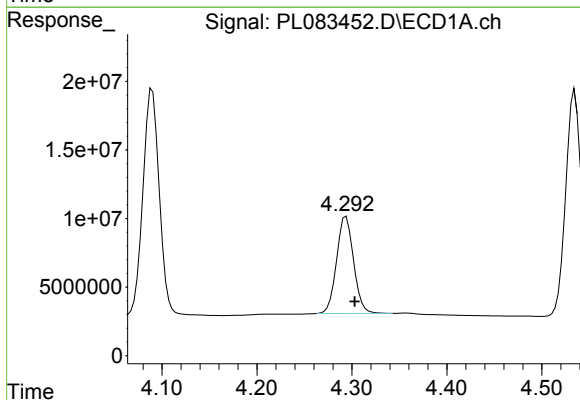
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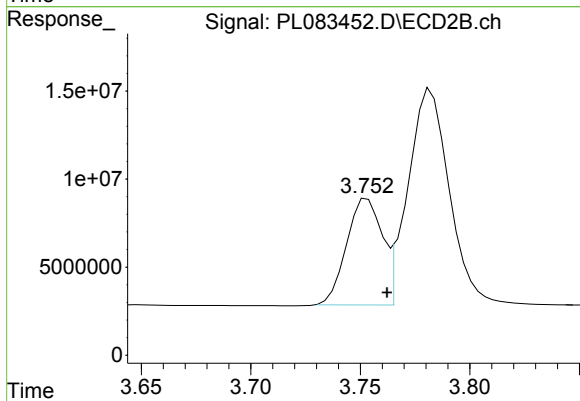
#5 Aldrin

R.T.: 4.058 min  
Delta R.T.: -0.011 min  
Response: 155365411  
Conc: 47.75 ng/ml



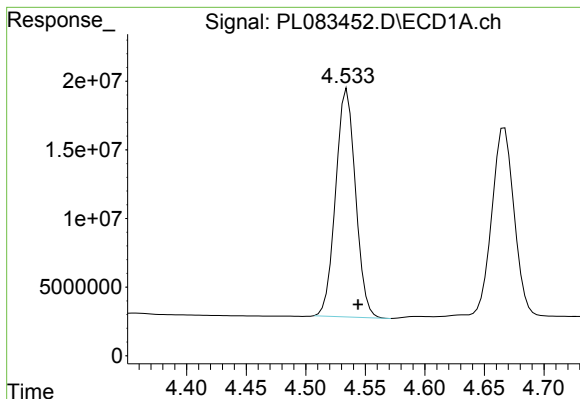
#6 beta-BHC

R.T.: 4.294 min  
Delta R.T.: -0.009 min  
Response: 88313354  
Conc: 46.91 ng/ml



#6 beta-BHC

R.T.: 3.753 min  
Delta R.T.: -0.009 min  
Response: 68235318  
Conc: 47.71 ng/ml



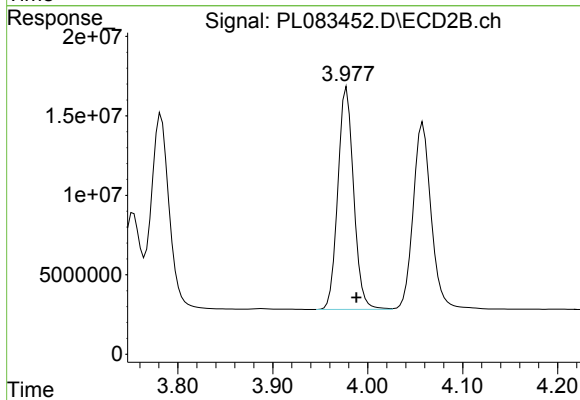
#7 delta-BHC

R.T.: 4.535 min  
Delta R.T.: -0.009 min  
Response: 192548181  
Conc: 55.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

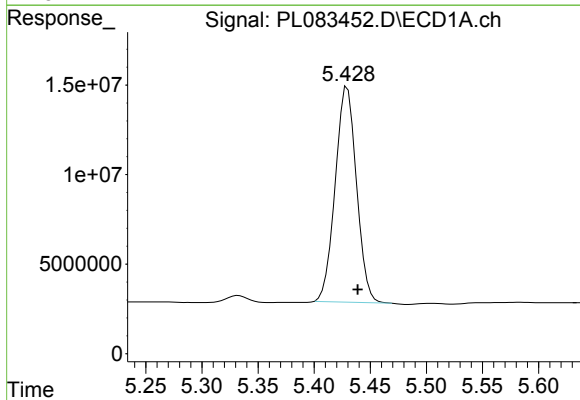
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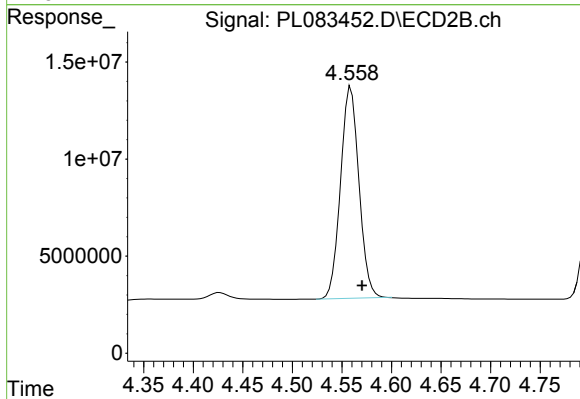
#7 delta-BHC

R.T.: 3.978 min  
Delta R.T.: -0.010 min  
Response: 161690976  
Conc: 49.35 ng/ml



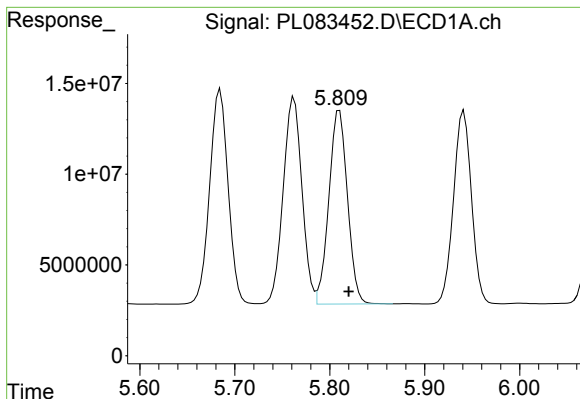
#8 Heptachlor epoxide

R.T.: 5.430 min  
Delta R.T.: -0.009 min  
Response: 158579009  
Conc: 49.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.558 min  
Delta R.T.: -0.013 min  
Response: 141081842  
Conc: 47.54 ng/ml m



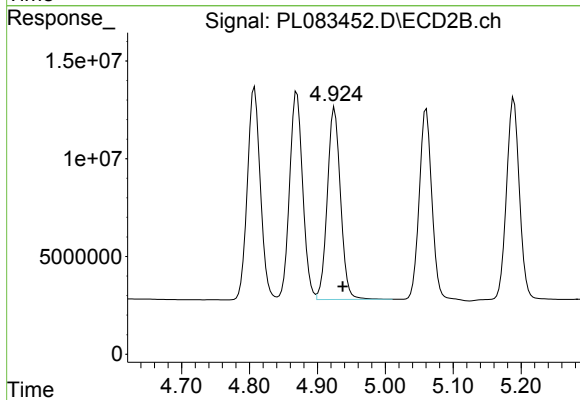
#9 Endosulfan I

R.T.: 5.810 min  
Delta R.T.: -0.010 min  
Response: 145601955  
Conc: 48.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

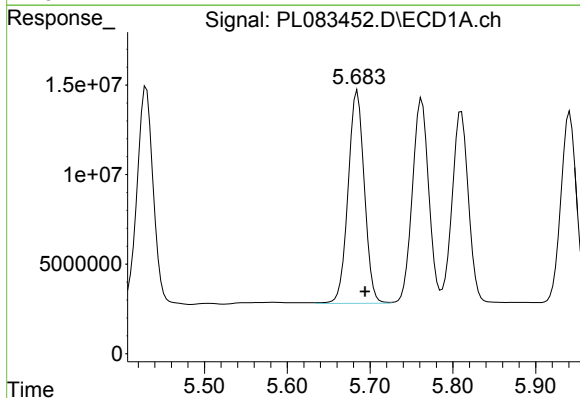
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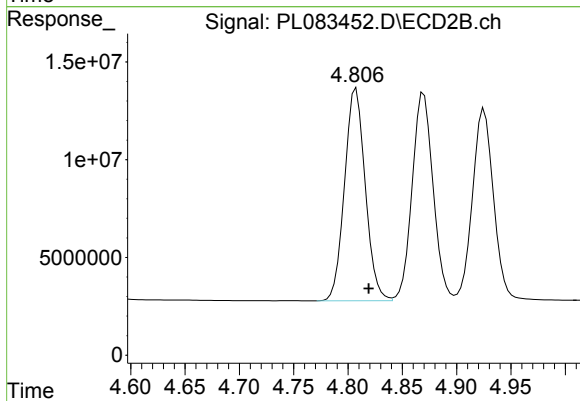
#9 Endosulfan I

R.T.: 4.925 min  
Delta R.T.: -0.012 min  
Response: 132604723  
Conc: 47.45 ng/ml



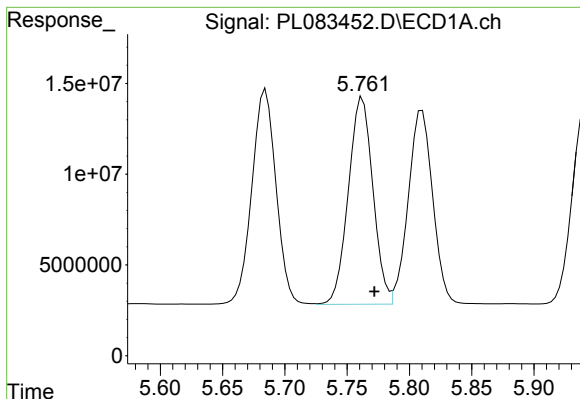
#10 gamma-Chlordane

R.T.: 5.685 min  
Delta R.T.: -0.009 min  
Response: 161968457  
Conc: 50.98 ng/ml



#10 gamma-Chlordane

R.T.: 4.807 min  
Delta R.T.: -0.012 min  
Response: 144237671  
Conc: 48.02 ng/ml



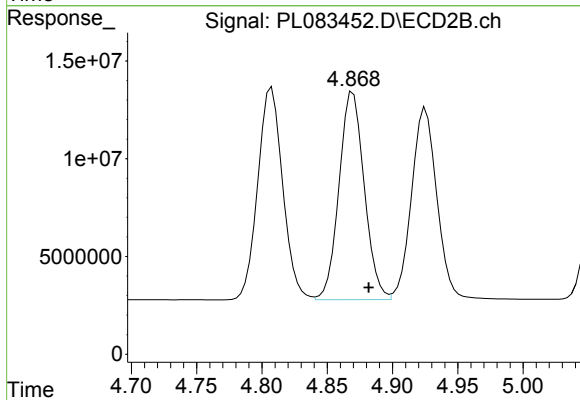
#11 alpha-Chlordane

R.T.: 5.762 min  
Delta R.T.: -0.010 min  
Response: 157129372  
Conc: 48.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

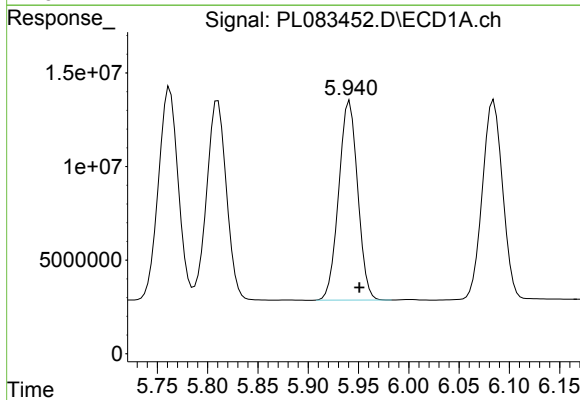
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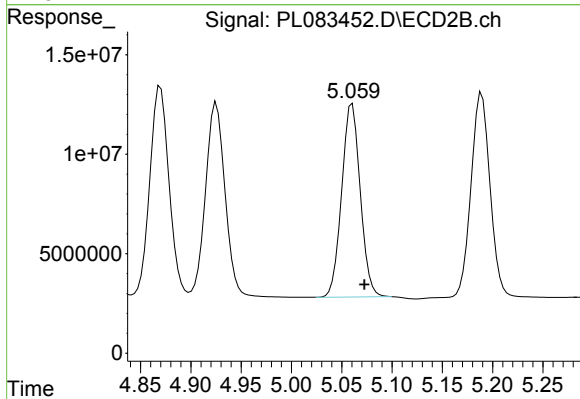
#11 alpha-Chlordane

R.T.: 4.870 min  
Delta R.T.: -0.012 min  
Response: 142861156  
Conc: 47.59 ng/ml



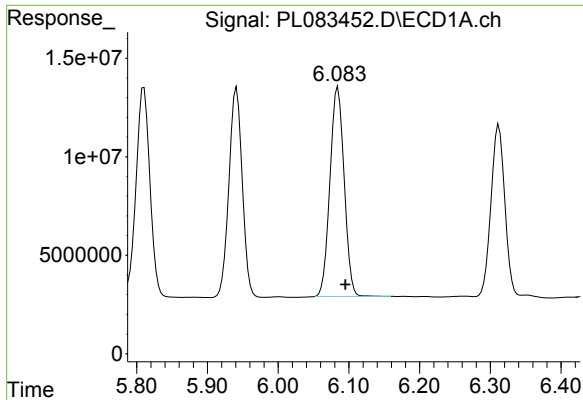
#12 4,4'-DDE

R.T.: 5.941 min  
Delta R.T.: -0.010 min  
Response: 139482098  
Conc: 50.60 ng/ml



#12 4,4'-DDE

R.T.: 5.059 min  
Delta R.T.: -0.013 min  
Response: 124424255  
Conc: 51.23 ng/ml m



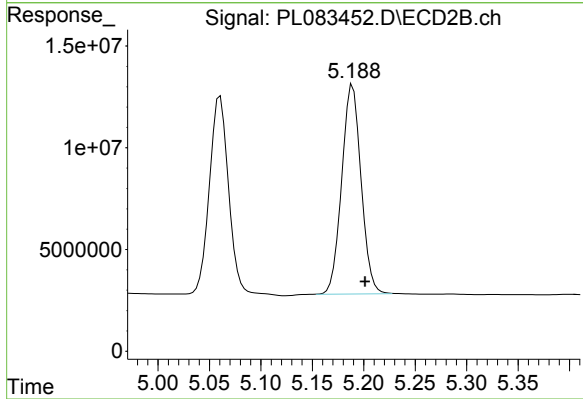
#13 Dieldrin

R.T.: 6.085 min  
Delta R.T.: -0.010 min  
Response: 148311535  
Conc: 49.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

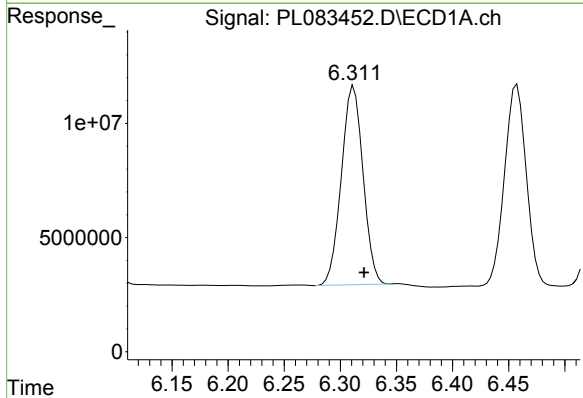
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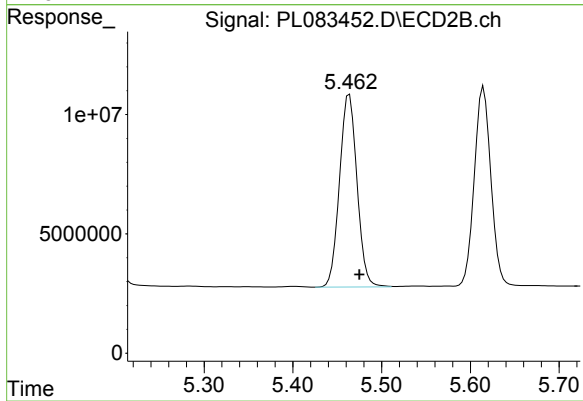
#13 Dieldrin

R.T.: 5.188 min  
Delta R.T.: -0.013 min  
Response: 134878218  
Conc: 47.78 ng/ml m



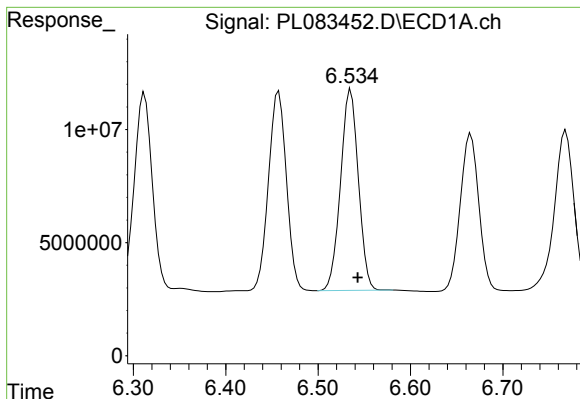
#14 Endrin

R.T.: 6.312 min  
Delta R.T.: -0.009 min  
Response: 116900685  
Conc: 43.50 ng/ml



#14 Endrin

R.T.: 5.462 min  
Delta R.T.: -0.013 min  
Response: 110460231  
Conc: 43.54 ng/ml m



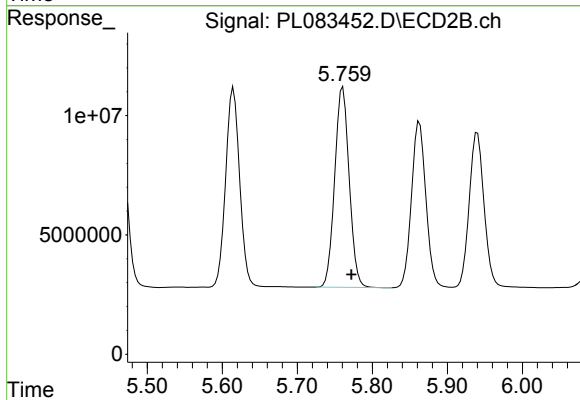
#15 Endosulfan II

R.T.: 6.535 min  
Delta R.T.: -0.008 min  
Response: 119143971  
Conc: 44.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

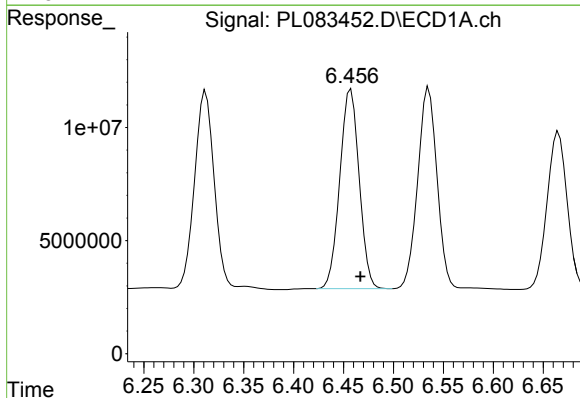
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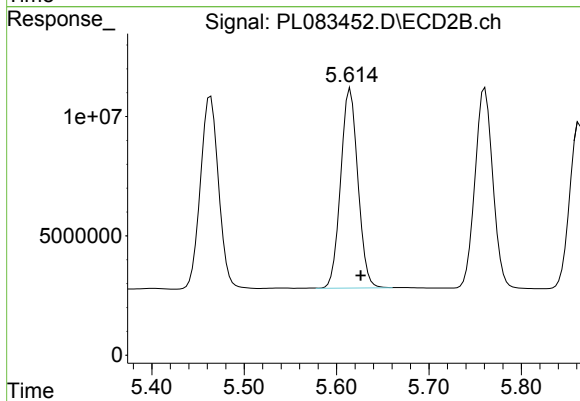
#15 Endosulfan II

R.T.: 5.761 min  
Delta R.T.: -0.011 min  
Response: 112672154  
Conc: 45.54 ng/ml



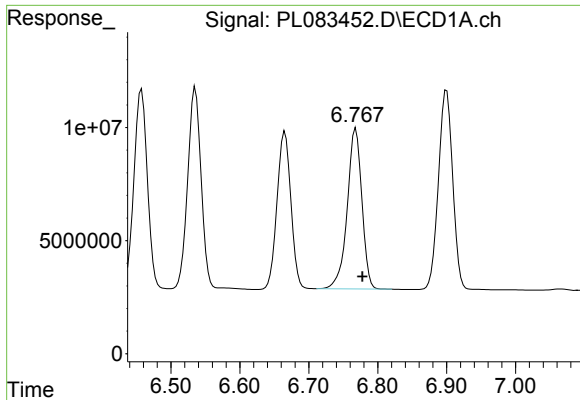
#16 4,4'-DDD

R.T.: 6.457 min  
Delta R.T.: -0.010 min  
Response: 119128944  
Conc: 54.82 ng/ml



#16 4,4'-DDD

R.T.: 5.614 min  
Delta R.T.: -0.013 min  
Response: 108354105  
Conc: 56.34 ng/ml m



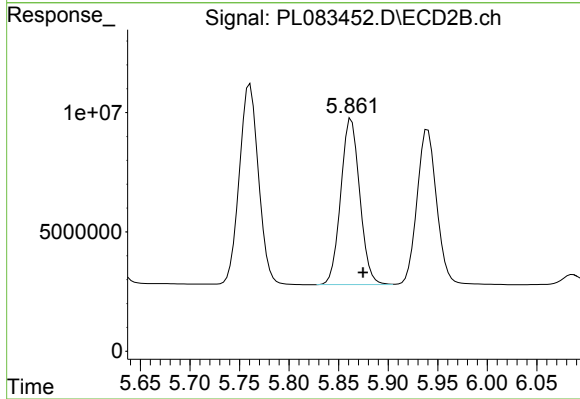
#17 4,4'-DDT

R.T.: 6.768 min  
Delta R.T.: -0.010 min  
Response: 104574501  
Conc: 41.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

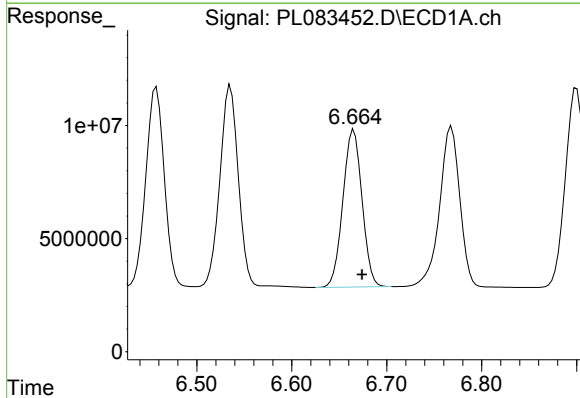
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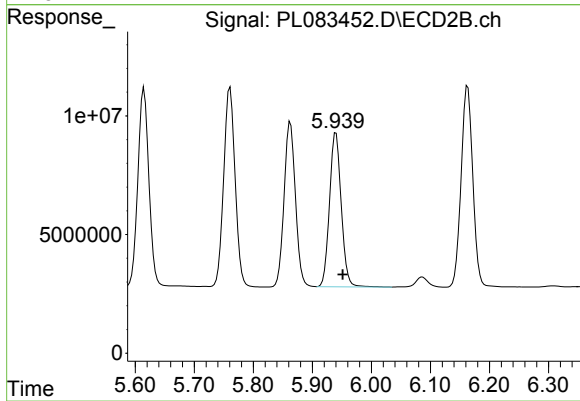
#17 4,4'-DDT

R.T.: 5.861 min  
Delta R.T.: -0.013 min  
Response: 92674791  
Conc: 41.54 ng/ml m



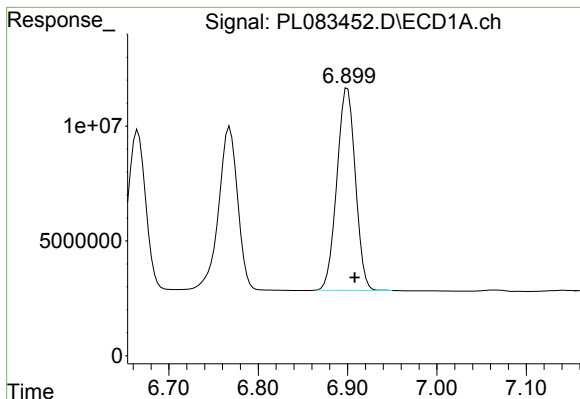
#18 Endrin aldehyde

R.T.: 6.664 min  
Delta R.T.: -0.010 min  
Response: 97375267  
Conc: 48.43 ng/ml m



#18 Endrin aldehyde

R.T.: 5.940 min  
Delta R.T.: -0.012 min  
Response: 89472036  
Conc: 45.25 ng/ml



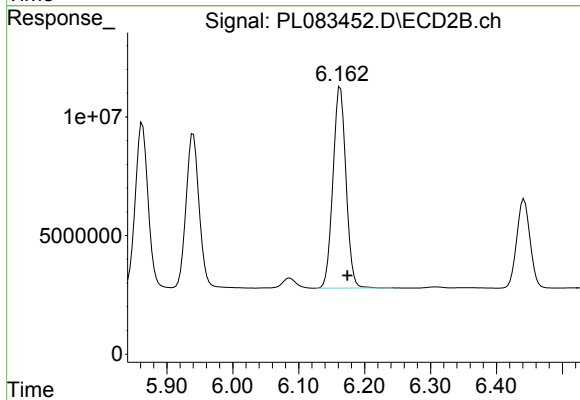
#19 Endosulfan Sulfate

R.T.: 6.900 min  
Delta R.T.: -0.008 min  
Response: 126340124  
Conc: 49.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

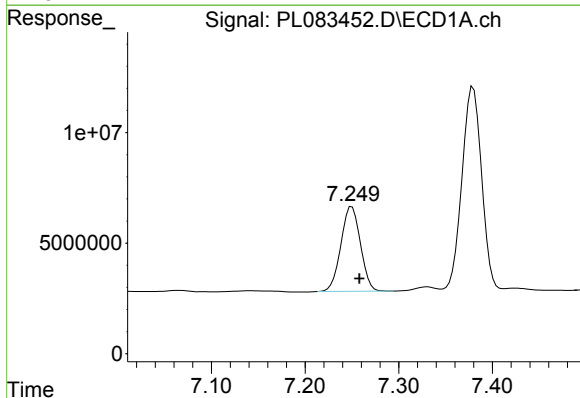
Manual Integrations  
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Reviewed By :Abdul Mirza 06/15/2023  
Supervised By :Ankita Jodhani 06/15/2023



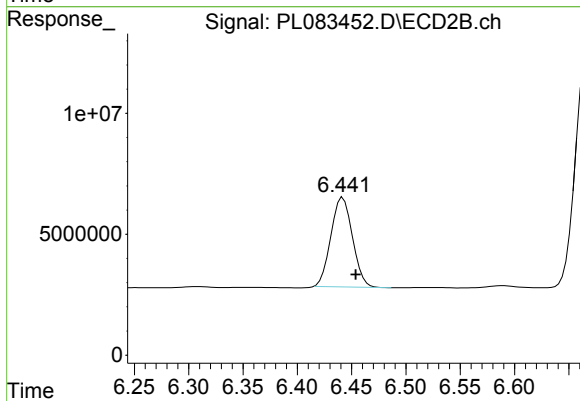
#19 Endosulfan Sulfate

R.T.: 6.163 min  
Delta R.T.: -0.011 min  
Response: 116519073  
Conc: 47.58 ng/ml



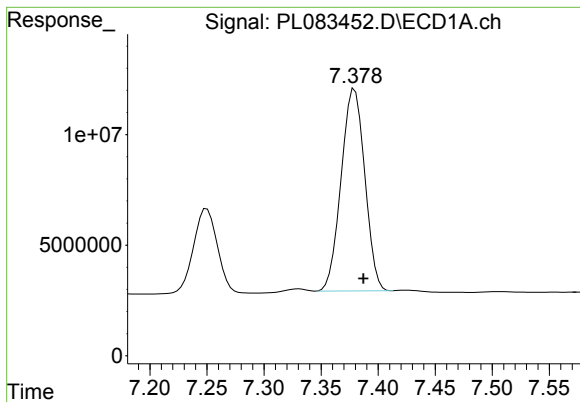
#20 Methoxychlor

R.T.: 7.250 min  
Delta R.T.: -0.008 min  
Response: 55672747  
Conc: 42.10 ng/ml



#20 Methoxychlor

R.T.: 6.442 min  
Delta R.T.: -0.012 min  
Response: 51106623  
Conc: 40.19 ng/ml



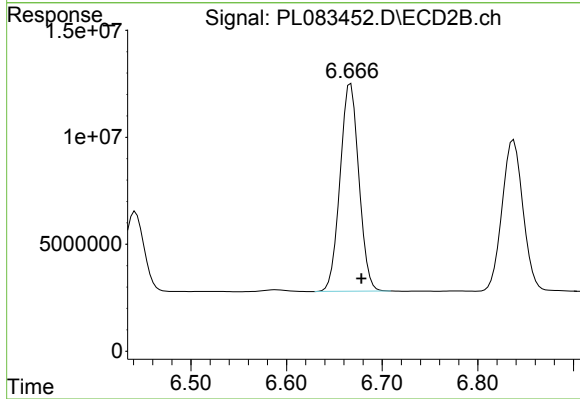
#21 Endrin ketone

R.T.: 7.379 min  
Delta R.T.: -0.008 min  
Response: 131728406  
Conc: 51.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

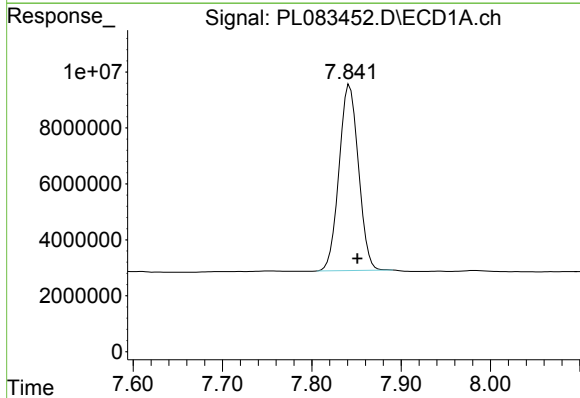
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/15/2023  
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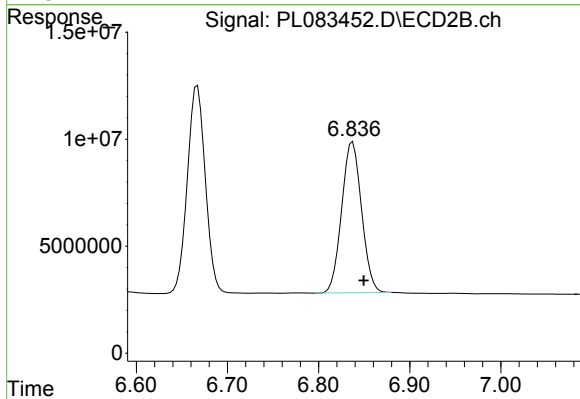
#21 Endrin ketone

R.T.: 6.666 min  
Delta R.T.: -0.013 min  
Response: 132947340  
Conc: 49.17 ng/ml m



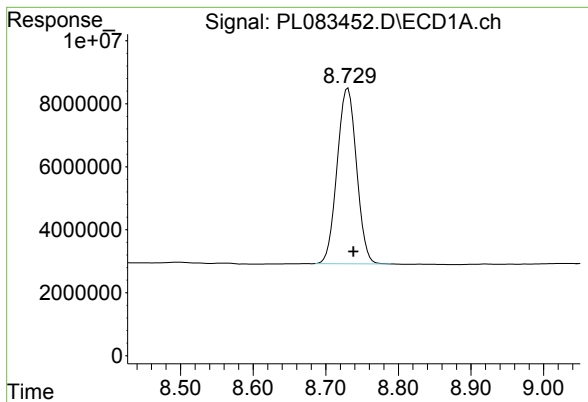
#22 Mirex

R.T.: 7.842 min  
Delta R.T.: -0.009 min  
Response: 100334207  
Conc: 47.87 ng/ml



#22 Mirex

R.T.: 6.836 min  
Delta R.T.: -0.013 min  
Response: 106970553  
Conc: 45.72 ng/ml m



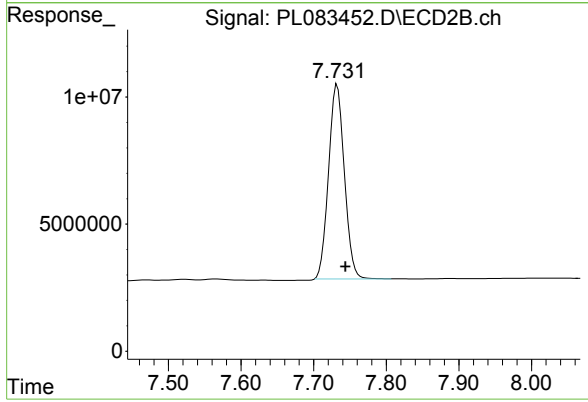
#28 Decachlorobiphenyl

R.T.: 8.731 min  
Delta R.T.: -0.007 min  
Response: 103604856  
Conc: 49.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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Supervised By :Ankita Jodhani 06/15/2023



#28 Decachlorobiphenyl

R.T.: 7.733 min  
Delta R.T.: -0.011 min  
Response: 116099949  
Conc: 46.69 ng/ml