

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051723\  
 Data File : PL082765.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 May 2023 17:09  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 05/18/2023  
 Supervised By : Ankita Jodhani 05/18/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 17 21:26:17 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.320 | 2.641 | 131.5E6  | 111.4E6  | 49.222 | 48.082  |
| 2)                          | SA Decachlor... | 8.738 | 7.748 | 91472935 | 102.1E6  | 47.915 | 44.753m |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.768 | 3.138 | 201.7E6  | 159.3E6  | 50.685 | 46.814  |
| 3)                          | MA gamma-BHC... | 4.097 | 3.465 | 187.5E6  | 147.4E6  | 50.159 | 45.833  |
| 4)                          | MA Heptachlor   | 4.674 | 3.796 | 178.2E6  | 143.5E6  | 48.757 | 41.908  |
| 5)                          | MB Aldrin       | 5.011 | 4.072 | 164.6E6  | 143.7E6  | 49.926 | 45.621  |
| 6)                          | B beta-BHC      | 4.300 | 3.763 | 83206679 | 58558454 | 48.787 | 42.919m |
| 7)                          | B delta-BHC     | 4.541 | 3.991 | 182.0E6  | 144.7E6  | 50.575 | 47.172  |
| 8)                          | B Heptachlo...  | 5.438 | 4.573 | 151.8E6  | 129.3E6  | 49.760 | 44.896  |
| 9)                          | A Endosulfan I  | 5.818 | 4.940 | 137.4E6  | 121.1E6  | 49.558 | 45.359  |
| 10)                         | B gamma-Chl...  | 5.692 | 4.822 | 150.6E6  | 130.9E6  | 50.086 | 45.115  |
| 11)                         | B alpha-Chl...  | 5.770 | 4.885 | 148.4E6  | 130.1E6  | 49.710 | 44.803  |
| 12)                         | B 4,4'-DDE      | 5.949 | 5.074 | 131.3E6  | 111.8E6  | 51.664 | 48.639m |
| 13)                         | MA Dieldrin     | 6.093 | 5.203 | 140.9E6  | 122.6E6  | 51.065 | 45.385m |
| 14)                         | MA Endrin       | 6.321 | 5.477 | 114.8E6  | 104.9E6  | 47.346 | 42.870m |
| 15)                         | B Endosulfa...  | 6.542 | 5.775 | 116.1E6  | 103.6E6  | 47.702 | 45.979  |
| 16)                         | A 4,4'-DDD      | 6.465 | 5.630 | 109.3E6  | 95637403 | 53.894 | 51.132  |
| 17)                         | MA 4,4'-DDT     | 6.775 | 5.878 | 101.9E6  | 90156212 | 44.547 | 42.676  |
| 18)                         | B Endrin al...  | 6.672 | 5.955 | 90791333 | 83661405 | 48.186 | 44.706  |
| 19)                         | B Endosulfa...  | 6.907 | 6.178 | 116.4E6  | 107.2E6  | 49.087 | 45.555  |
| 20)                         | A Methoxychlor  | 7.257 | 6.455 | 54342795 | 52732309 | 44.531 | 43.514m |
| 21)                         | B Endrin ke...  | 7.386 | 6.680 | 120.4E6  | 120.1E6  | 50.293 | 47.325m |
| 22)                         | Mirex           | 7.851 | 6.852 | 91171585 | 99631793 | 46.604 | 43.238m |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051723\  
Data File : PL082765.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 May 2023 17:09  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

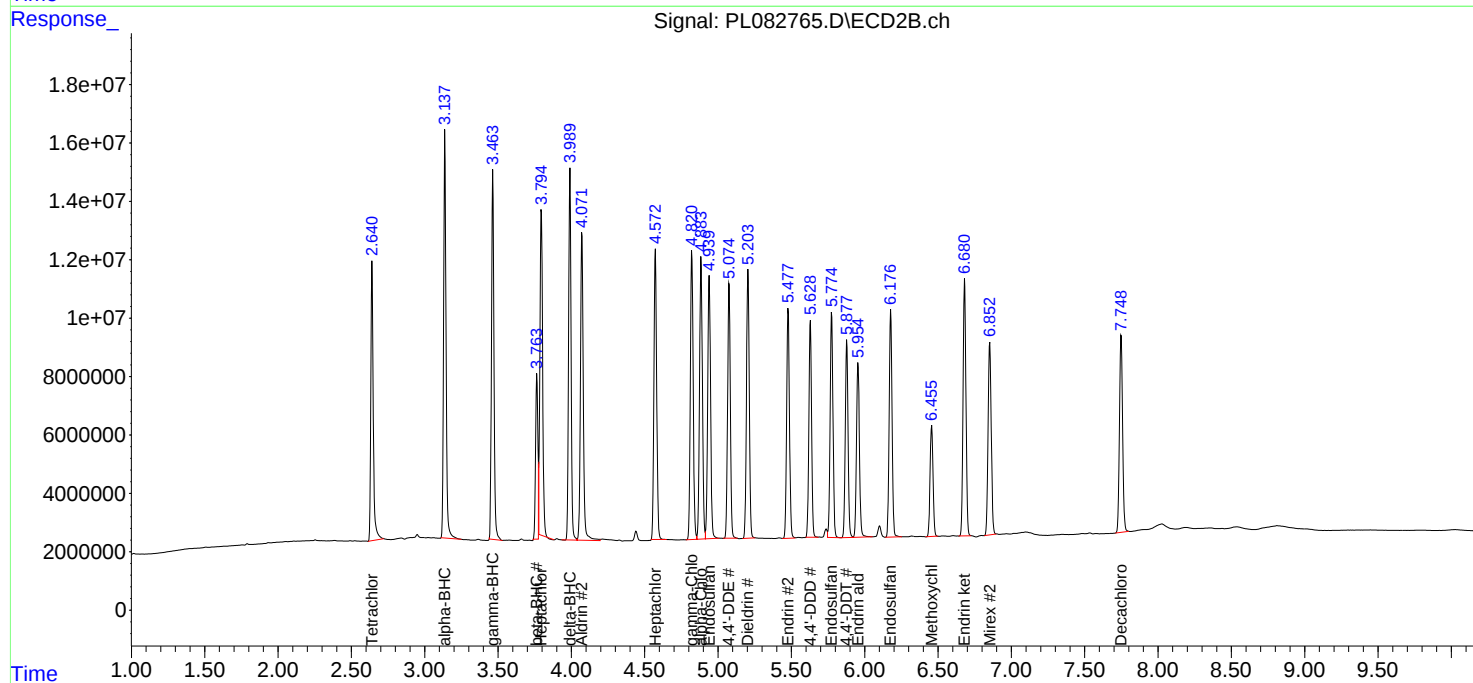
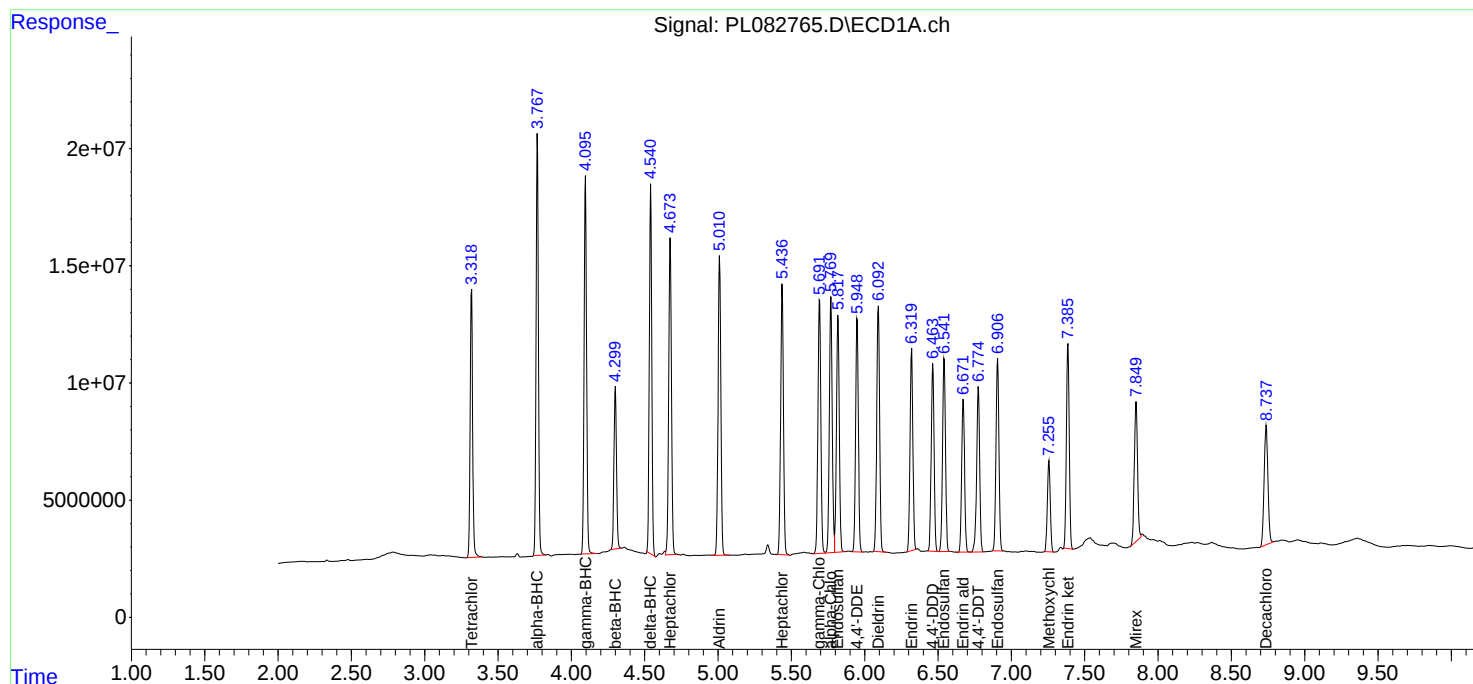
## APPROVED

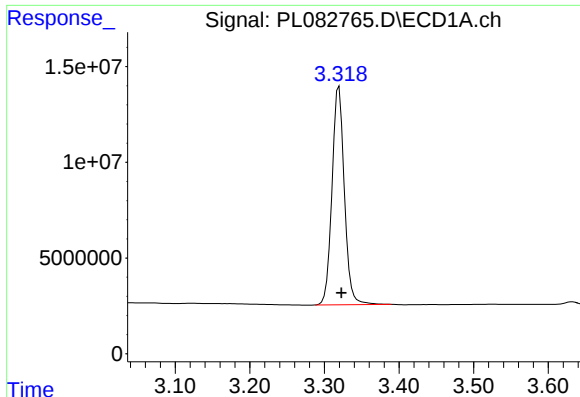
Reviewed By :Abdul Mirza 05/18/2023

Supervised By :Ankita Jodhani 05/18/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 17 21:26:17 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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





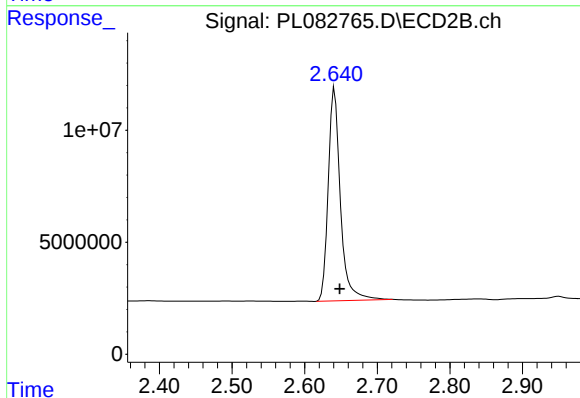
#1 Tetrachloro-m-xylene

R.T.: 3.320 min  
Delta R.T.: -0.003 min  
Response: 131482565  
Conc: 49.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

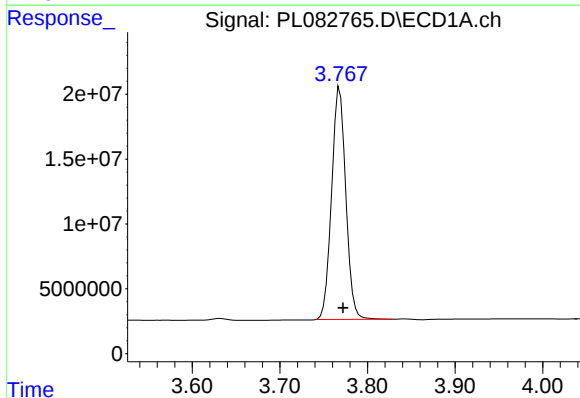
Manual Integrations  
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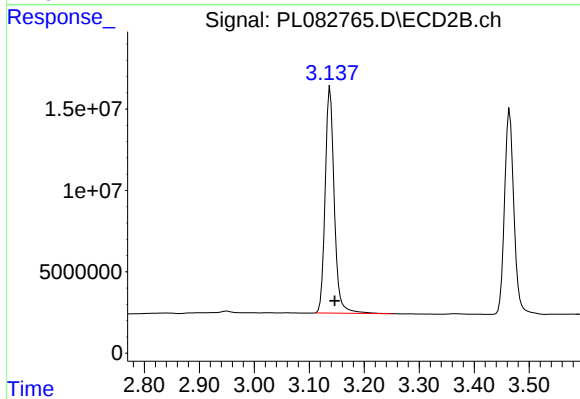
#1 Tetrachloro-m-xylene

R.T.: 2.641 min  
Delta R.T.: -0.007 min  
Response: 111393656  
Conc: 48.08 ng/ml



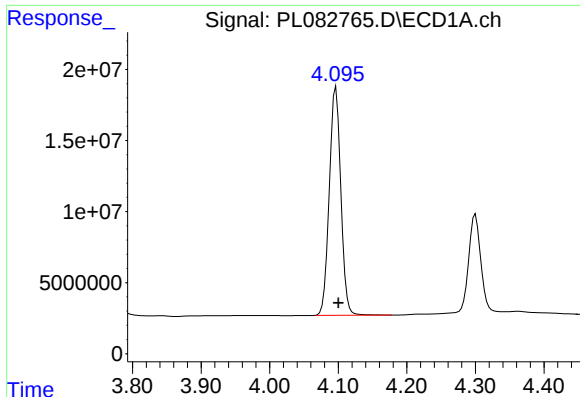
#2 alpha-BHC

R.T.: 3.768 min  
Delta R.T.: -0.004 min  
Response: 201737984  
Conc: 50.68 ng/ml



#2 alpha-BHC

R.T.: 3.138 min  
Delta R.T.: -0.008 min  
Response: 159331154  
Conc: 46.81 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.097 min  
Delta R.T.: -0.004 min  
Response: 187542189  
Conc: 50.16 ng/ml

Instrument :

ECD\_L

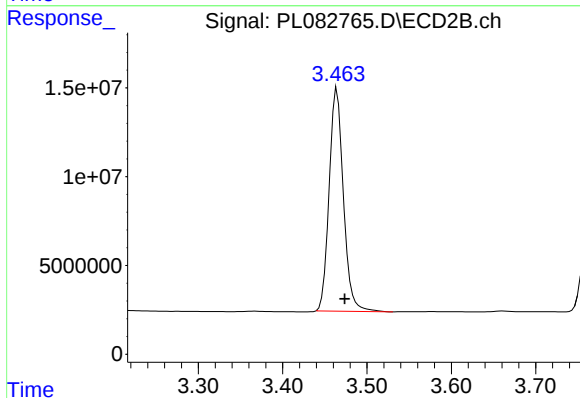
ClientSampleId :

PSTDCCC050

Manual Integrations

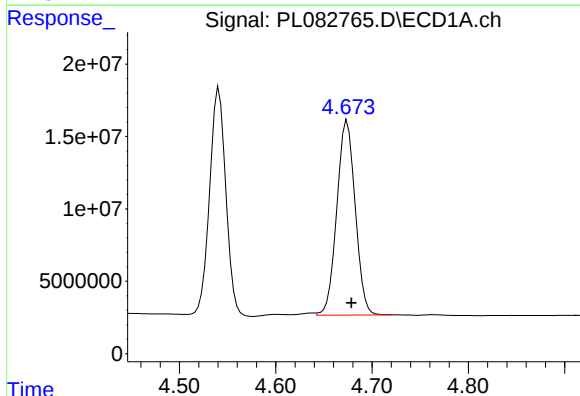
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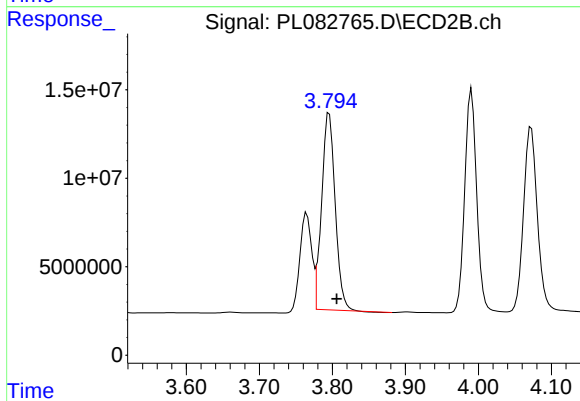
#3 gamma-BHC (Lindane)

R.T.: 3.465 min  
Delta R.T.: -0.009 min  
Response: 147367343  
Conc: 45.83 ng/ml



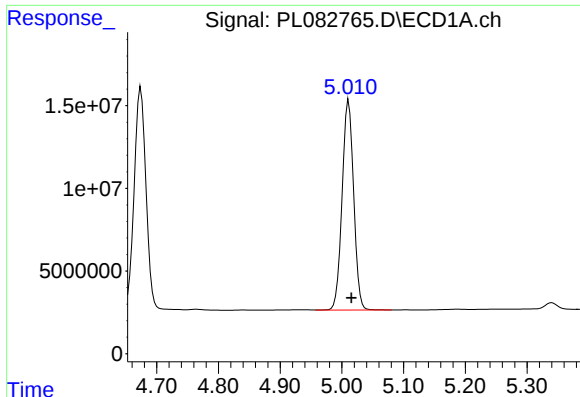
#4 Heptachlor

R.T.: 4.674 min  
Delta R.T.: -0.004 min  
Response: 178156334  
Conc: 48.76 ng/ml



#4 Heptachlor

R.T.: 3.796 min  
Delta R.T.: -0.010 min  
Response: 143461103  
Conc: 41.91 ng/ml



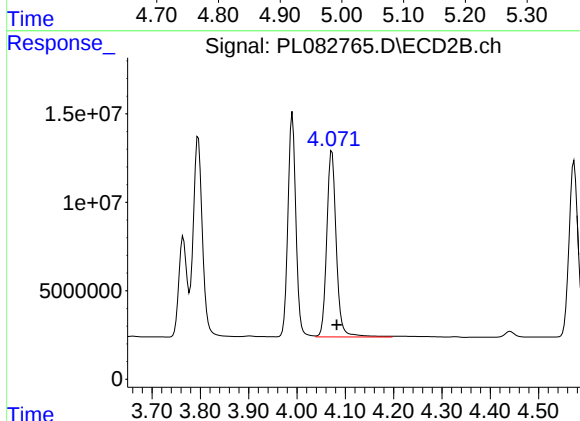
#5 Aldrin

R.T.: 5.011 min  
Delta R.T.: -0.004 min  
Response: 164635437  
Conc: 49.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

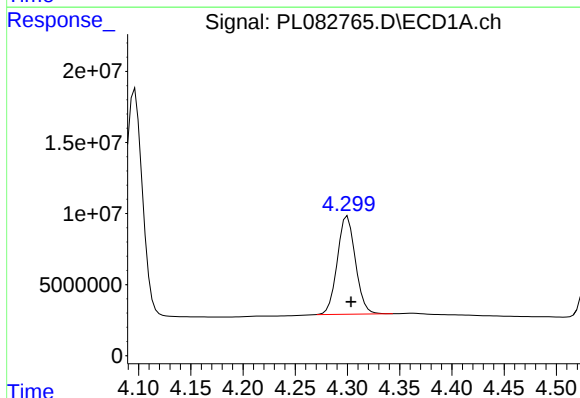
Manual Integrations  
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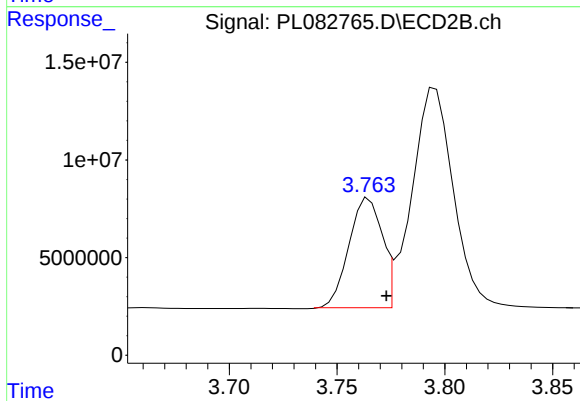
#5 Aldrin

R.T.: 4.072 min  
Delta R.T.: -0.010 min  
Response: 143698664  
Conc: 45.62 ng/ml



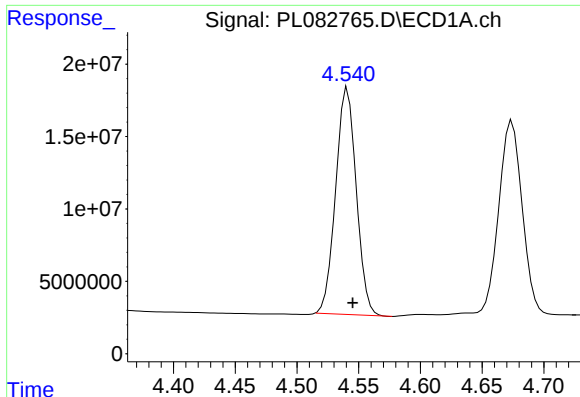
#6 beta-BHC

R.T.: 4.300 min  
Delta R.T.: -0.004 min  
Response: 83206679  
Conc: 48.79 ng/ml



#6 beta-BHC

R.T.: 3.763 min  
Delta R.T.: -0.010 min  
Response: 58558454  
Conc: 42.92 ng/ml m



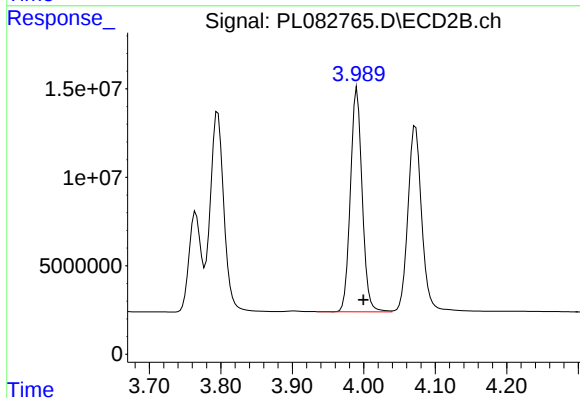
#7 delta-BHC

R.T.: 4.541 min  
Delta R.T.: -0.004 min  
Response: 181956727  
Conc: 50.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

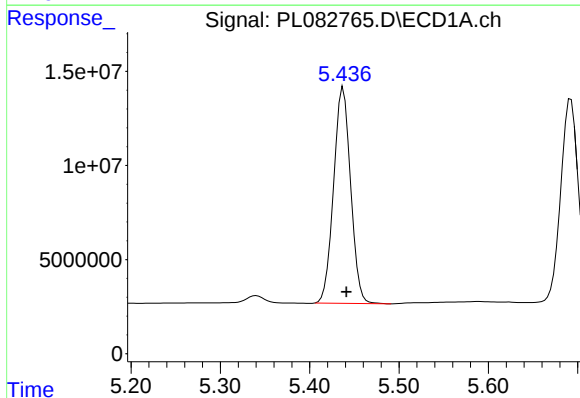
Manual Integrations  
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Reviewed By :Abdul Mirza 05/18/2023  
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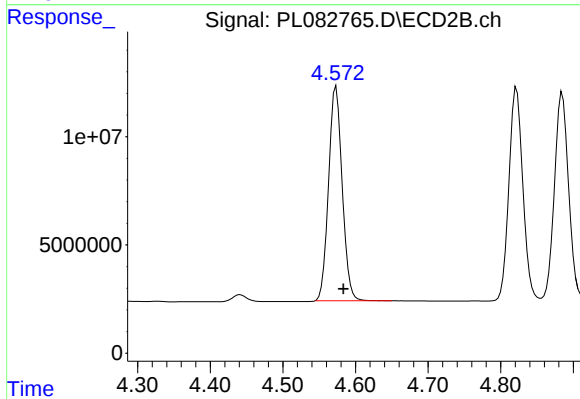
#7 delta-BHC

R.T.: 3.991 min  
Delta R.T.: -0.009 min  
Response: 144695164  
Conc: 47.17 ng/ml



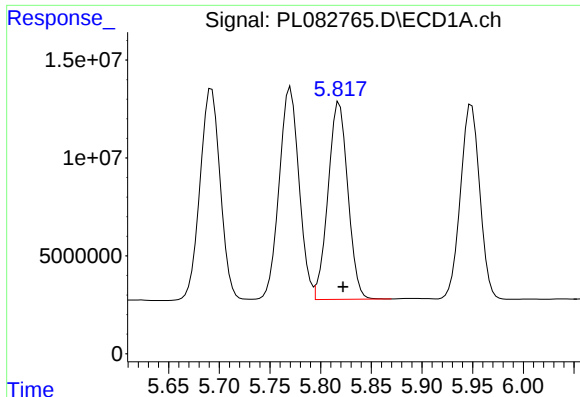
#8 Heptachlor epoxide

R.T.: 5.438 min  
Delta R.T.: -0.004 min  
Response: 151784671  
Conc: 49.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.573 min  
Delta R.T.: -0.010 min  
Response: 129340457  
Conc: 44.90 ng/ml



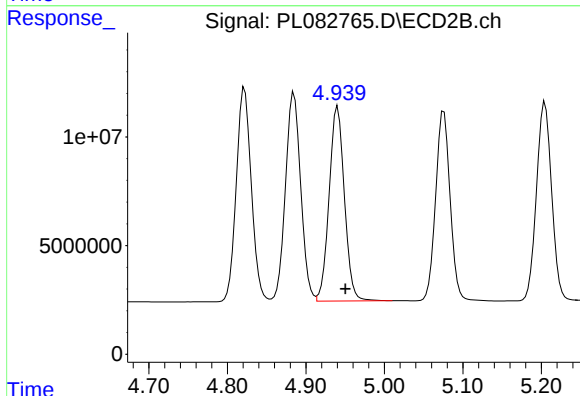
#9 Endosulfan I

R.T.: 5.818 min  
Delta R.T.: -0.004 min  
Response: 137409898  
Conc: 49.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

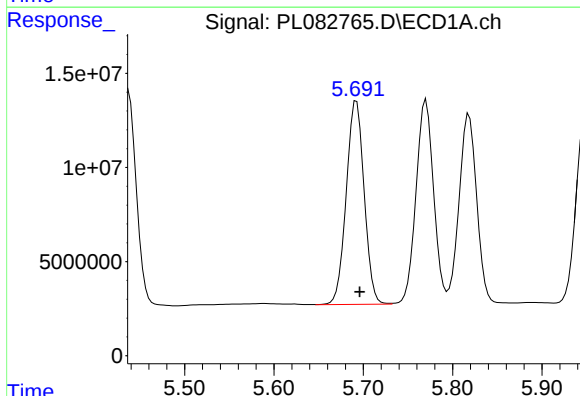
Manual Integrations  
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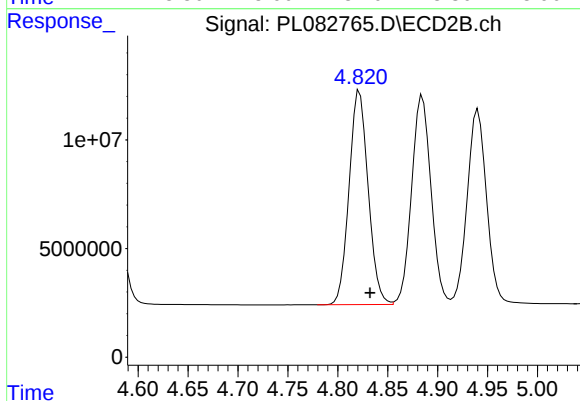
#9 Endosulfan I

R.T.: 4.940 min  
Delta R.T.: -0.010 min  
Response: 121083153  
Conc: 45.36 ng/ml



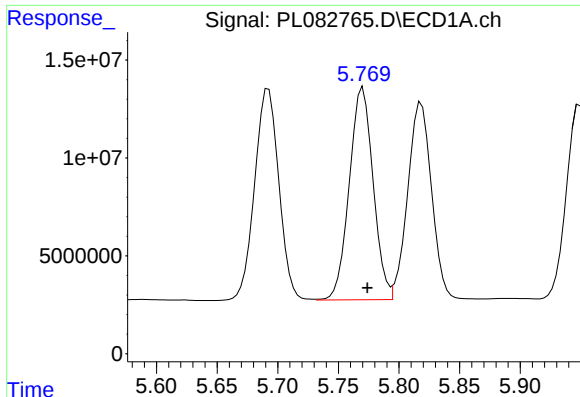
#10 gamma-Chlordane

R.T.: 5.692 min  
Delta R.T.: -0.004 min  
Response: 150602992  
Conc: 50.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.822 min  
Delta R.T.: -0.011 min  
Response: 130918052  
Conc: 45.12 ng/ml



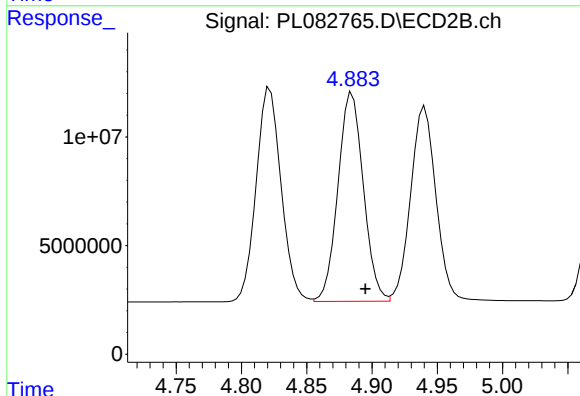
#11 alpha-Chlordane

R.T.: 5.770 min  
Delta R.T.: -0.004 min  
Response: 148365286  
Conc: 49.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

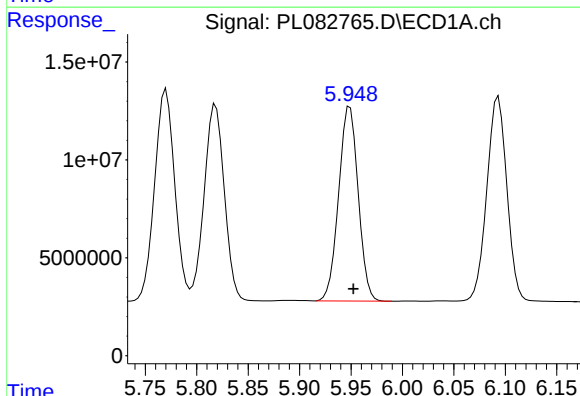
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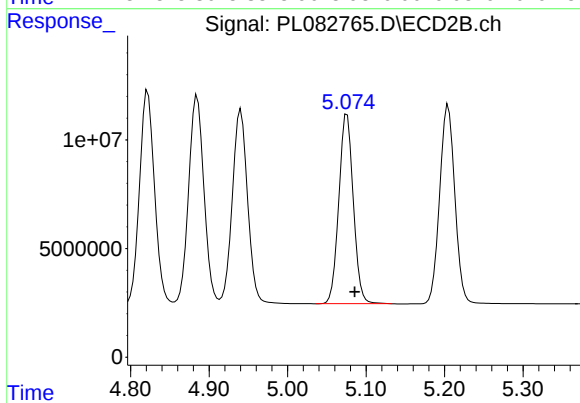
#11 alpha-Chlordane

R.T.: 4.885 min  
Delta R.T.: -0.010 min  
Response: 130056913  
Conc: 44.80 ng/ml



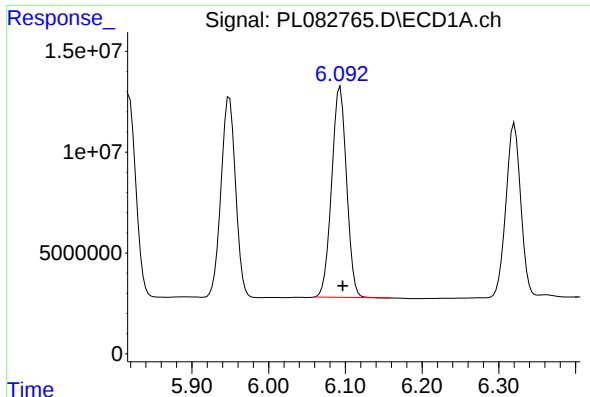
#12 4,4'-DDE

R.T.: 5.949 min  
Delta R.T.: -0.003 min  
Response: 131332911  
Conc: 51.66 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min  
Delta R.T.: -0.011 min  
Response: 111819200  
Conc: 48.64 ng/ml m



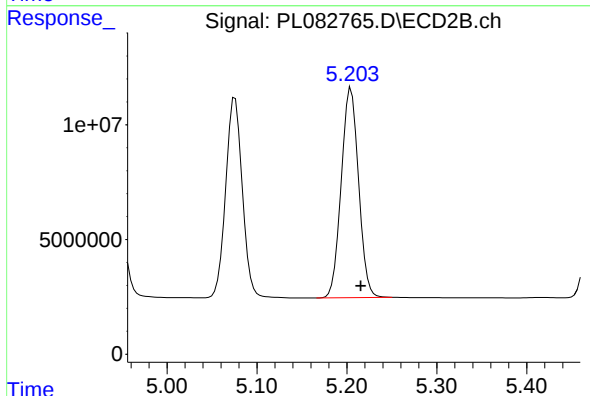
#13 Dieldrin

R.T.: 6.093 min  
Delta R.T.: -0.003 min  
Response: 140896194  
Conc: 51.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

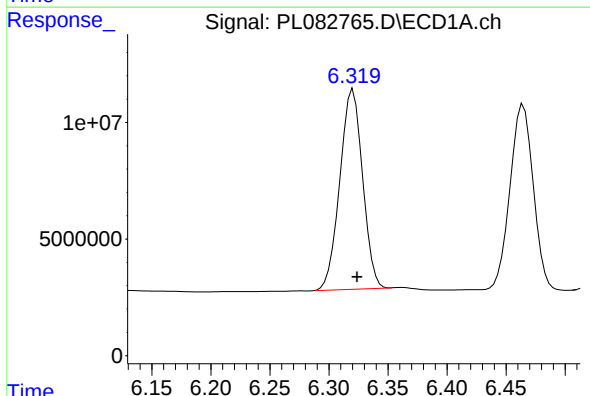
Manual Integrations  
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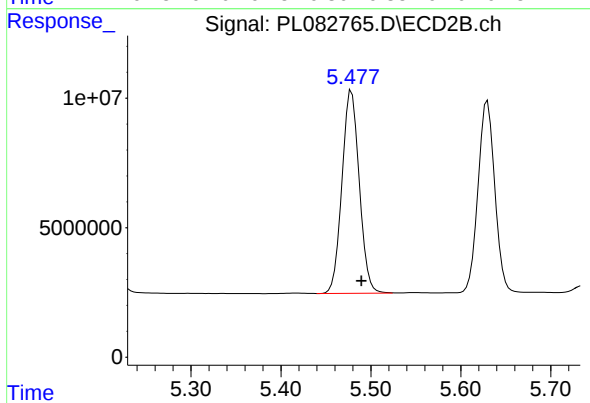
#13 Dieldrin

R.T.: 5.203 min  
Delta R.T.: -0.012 min  
Response: 122558163  
Conc: 45.39 ng/ml m



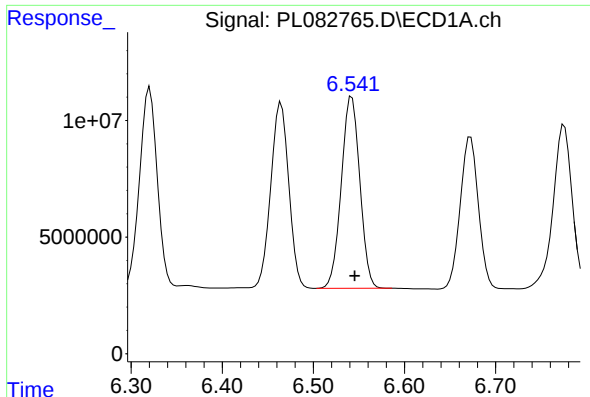
#14 Endrin

R.T.: 6.321 min  
Delta R.T.: -0.003 min  
Response: 114792912  
Conc: 47.35 ng/ml



#14 Endrin

R.T.: 5.477 min  
Delta R.T.: -0.012 min  
Response: 104859143  
Conc: 42.87 ng/ml m



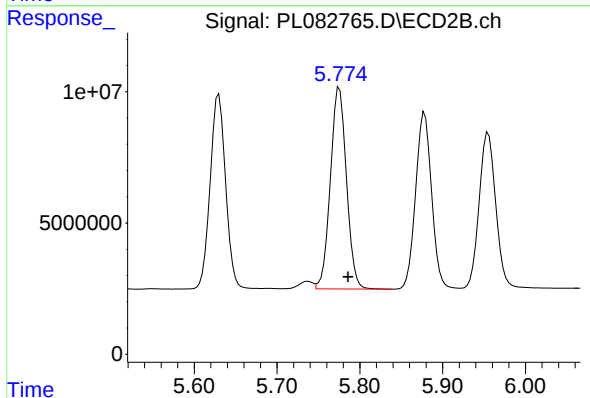
#15 Endosulfan II

R.T.: 6.542 min  
Delta R.T.: -0.003 min  
Response: 116134630  
Conc: 47.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

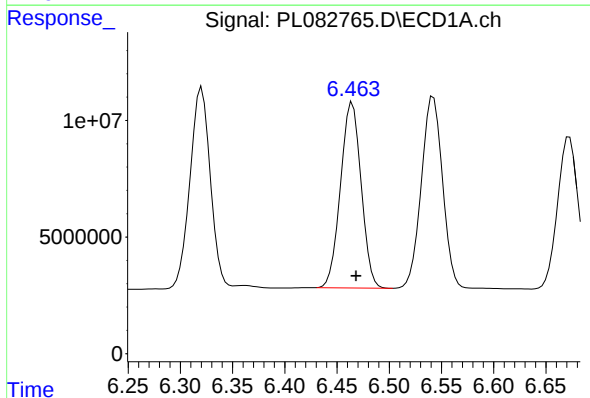
Manual Integrations  
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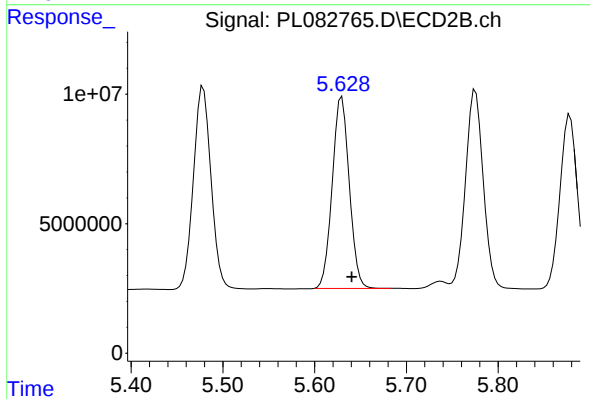
#15 Endosulfan II

R.T.: 5.775 min  
Delta R.T.: -0.010 min  
Response: 103642811  
Conc: 45.98 ng/ml



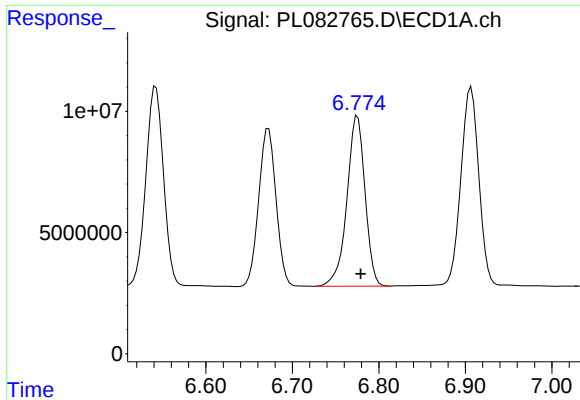
#16 4,4'-DDD

R.T.: 6.465 min  
Delta R.T.: -0.003 min  
Response: 109253858  
Conc: 53.89 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min  
Delta R.T.: -0.011 min  
Response: 95637403  
Conc: 51.13 ng/ml



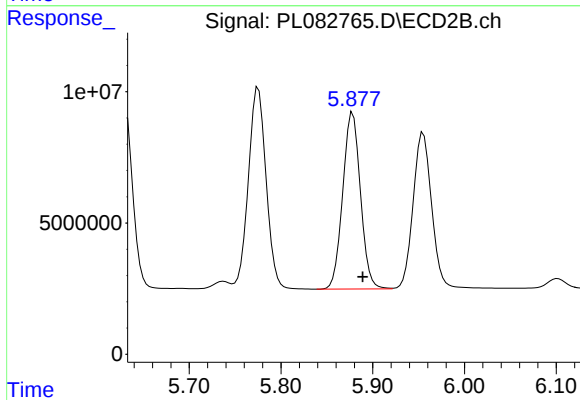
#17 4,4'-DDT

R.T.: 6.775 min  
Delta R.T.: -0.004 min  
Response: 101909959  
Conc: 44.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

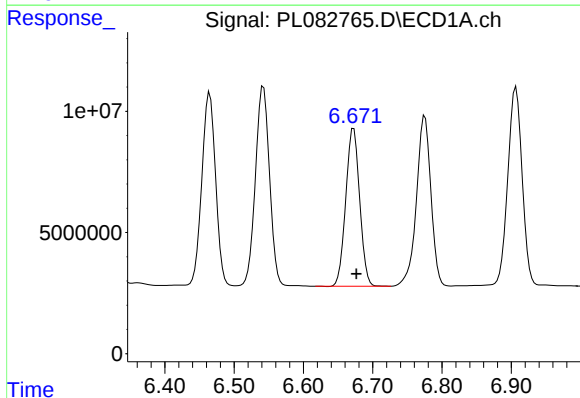
Manual Integrations  
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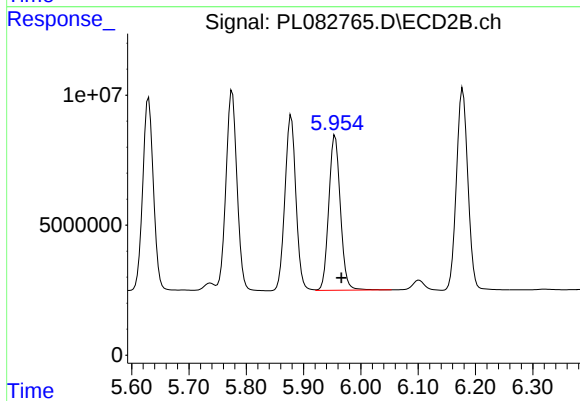
#17 4,4'-DDT

R.T.: 5.878 min  
Delta R.T.: -0.011 min  
Response: 90156212  
Conc: 42.68 ng/ml



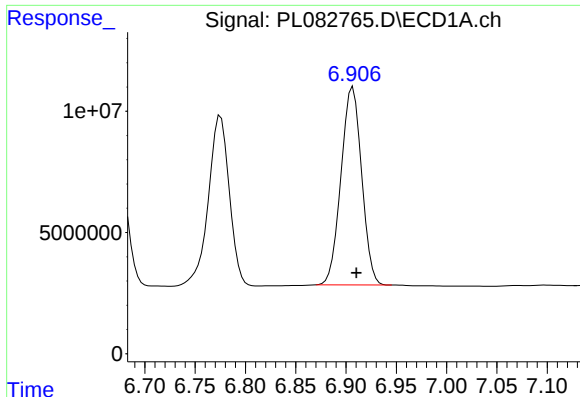
#18 Endrin aldehyde

R.T.: 6.672 min  
Delta R.T.: -0.004 min  
Response: 90791333  
Conc: 48.19 ng/ml



#18 Endrin aldehyde

R.T.: 5.955 min  
Delta R.T.: -0.011 min  
Response: 83661405  
Conc: 44.71 ng/ml



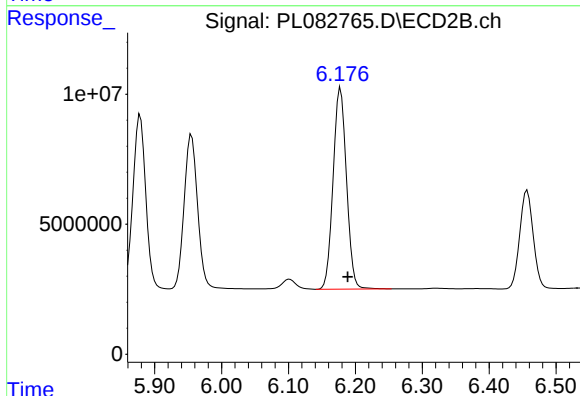
#19 Endosulfan Sulfate

R.T.: 6.907 min  
Delta R.T.: -0.003 min  
Response: 116410938  
Conc: 49.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

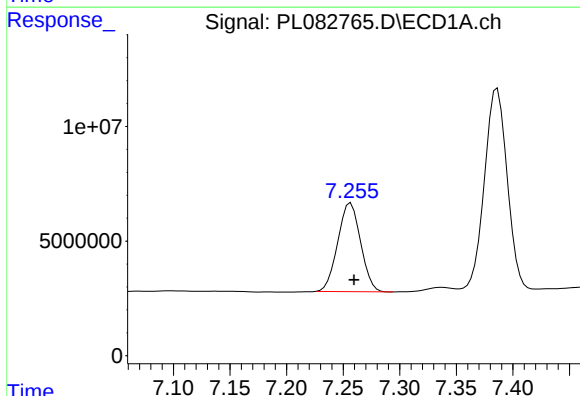
Manual Integrations  
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Reviewed By :Abdul Mirza 05/18/2023  
Supervised By :Ankita Jodhani 05/18/2023



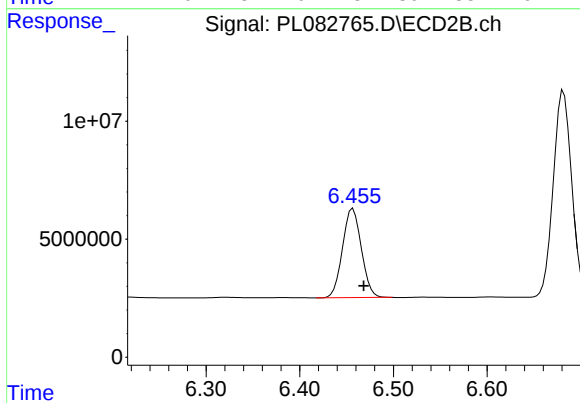
#19 Endosulfan Sulfate

R.T.: 6.178 min  
Delta R.T.: -0.011 min  
Response: 107249555  
Conc: 45.56 ng/ml



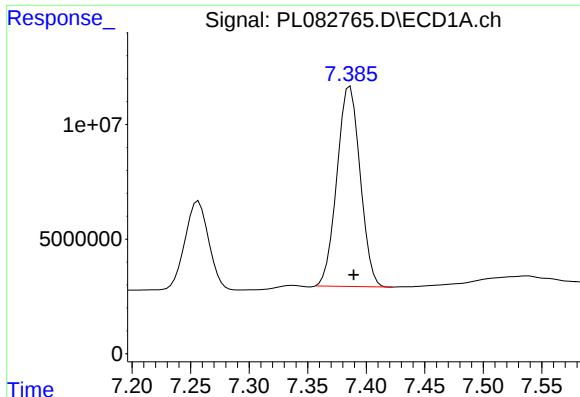
#20 Methoxychlor

R.T.: 7.257 min  
Delta R.T.: -0.003 min  
Response: 54342795  
Conc: 44.53 ng/ml



#20 Methoxychlor

R.T.: 6.455 min  
Delta R.T.: -0.013 min  
Response: 52732309  
Conc: 43.51 ng/ml m



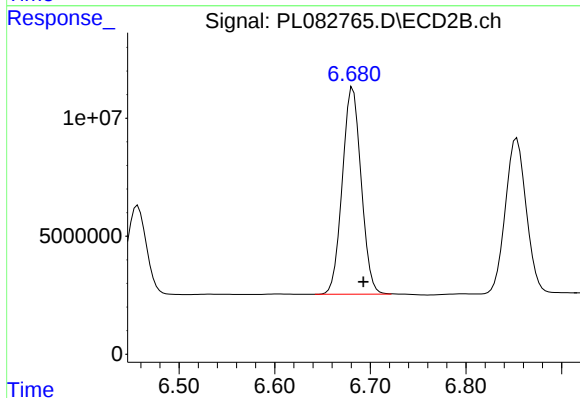
#21 Endrin ketone

R.T.: 7.386 min  
Delta R.T.: -0.003 min  
Response: 120422155  
Conc: 50.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

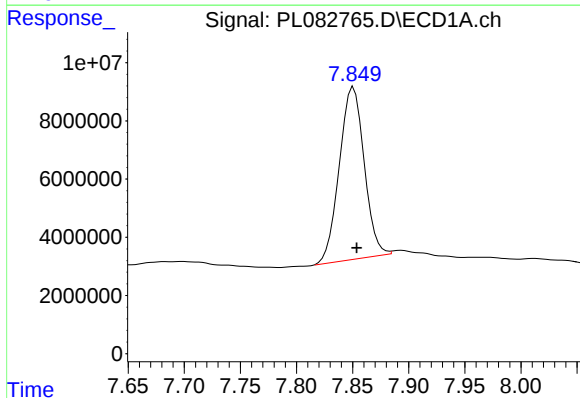
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/18/2023  
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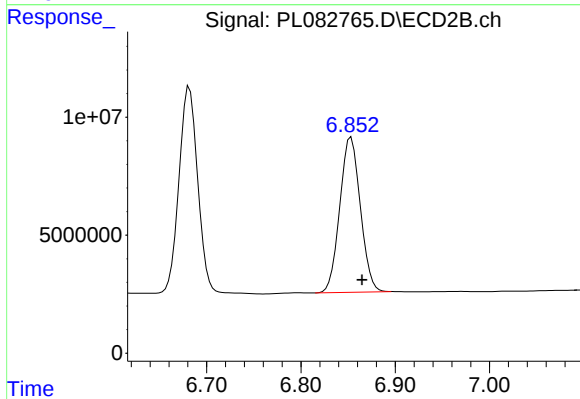
#21 Endrin ketone

R.T.: 6.680 min  
Delta R.T.: -0.012 min  
Response: 120120145  
Conc: 47.33 ng/ml m



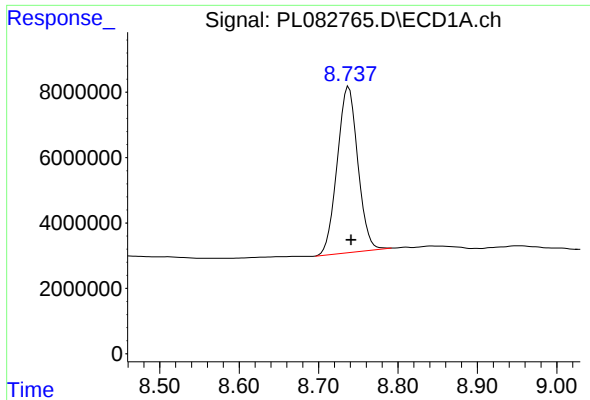
#22 Mirex

R.T.: 7.851 min  
Delta R.T.: -0.003 min  
Response: 91171585  
Conc: 46.60 ng/ml



#22 Mirex

R.T.: 6.852 min  
Delta R.T.: -0.013 min  
Response: 99631793  
Conc: 43.24 ng/ml m



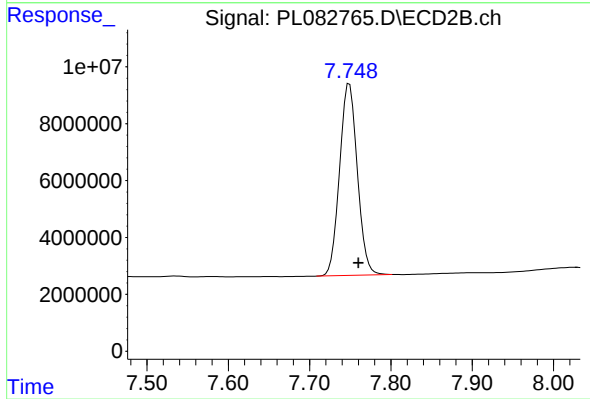
#28 Decachlorobiphenyl

R.T.: 8.738 min  
Delta R.T.: -0.003 min  
Response: 91472935  
Conc: 47.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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Supervised By :Ankita Jodhani 05/18/2023



#28 Decachlorobiphenyl

R.T.: 7.748 min  
Delta R.T.: -0.012 min  
Response: 102147713  
Conc: 44.75 ng/ml m