

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051723\  
 Data File : PL082781.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 May 2023 21:27  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 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 18 05:57:06 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... | 3.319 | 2.641 | 126.7E6  | 107.7E6  | 47.416 | 46.492  |
| 28)                         | SA Decachlor... | 8.736 | 7.748 | 89761449 | 94917366 | 47.018 | 41.585  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.767 | 3.137 | 192.5E6  | 152.5E6  | 48.355 | 44.810  |
| 3)                          | MA gamma-BHC... | 4.096 | 3.464 | 179.0E6  | 139.9E6  | 47.882 | 43.520  |
| 4)                          | MA Heptachlor   | 4.673 | 3.794 | 152.9E6  | 127.1E6  | 41.858 | 37.125m |
| 5)                          | MB Aldrin       | 5.010 | 4.072 | 159.3E6  | 136.7E6  | 48.296 | 43.390  |
| 6)                          | B beta-BHC      | 4.299 | 3.763 | 78689827 | 59188126 | 46.139 | 43.380m |
| 7)                          | B delta-BHC     | 4.540 | 3.990 | 172.9E6  | 139.4E6  | 48.059 | 45.432  |
| 8)                          | B Heptachlo...  | 5.436 | 4.572 | 144.0E6  | 123.7E6  | 47.192 | 42.928  |
| 9)                          | A Endosulfan I  | 5.817 | 4.939 | 135.1E6  | 116.3E6  | 48.727 | 43.555  |
| 10)                         | B gamma-Chl...  | 5.691 | 4.821 | 147.0E6  | 126.2E6  | 48.897 | 43.476  |
| 11)                         | B alpha-Chl...  | 5.769 | 4.884 | 144.4E6  | 124.4E6  | 48.372 | 42.853  |
| 12)                         | B 4,4'-DDE      | 5.948 | 5.073 | 127.9E6  | 107.5E6  | 50.311 | 46.762m |
| 13)                         | MA Dieldrin     | 6.092 | 5.202 | 135.0E6  | 117.1E6  | 48.928 | 43.379m |
| 14)                         | MA Endrin       | 6.319 | 5.476 | 104.2E6  | 95008552 | 42.961 | 38.843m |
| 15)                         | B Endosulfa...  | 6.541 | 5.775 | 115.4E6  | 98825312 | 47.403 | 43.842  |
| 16)                         | A 4,4'-DDD      | 6.463 | 5.629 | 113.0E6  | 96691004 | 55.764 | 51.695  |
| 17)                         | MA 4,4'-DDT     | 6.774 | 5.878 | 82213999 | 69016775 | 35.937 | 32.669  |
| 18)                         | B Endrin al...  | 6.671 | 5.954 | 89717660 | 79429441 | 47.616 | 42.444  |
| 19)                         | B Endosulfa...  | 6.906 | 6.177 | 113.5E6  | 102.1E6  | 47.849 | 43.368  |
| 20)                         | A Methoxychlor  | 7.255 | 6.455 | 44187699 | 42298963 | 36.210 | 34.905m |
| 21)                         | B Endrin ke...  | 7.385 | 6.681 | 119.4E6  | 117.8E6  | 49.886 | 46.406m |
| 22)                         | Mirex           | 7.849 | 6.851 | 88959878 | 94451400 | 45.473 | 40.990m |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051723\  
Data File : PL082781.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 May 2023 21:27  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

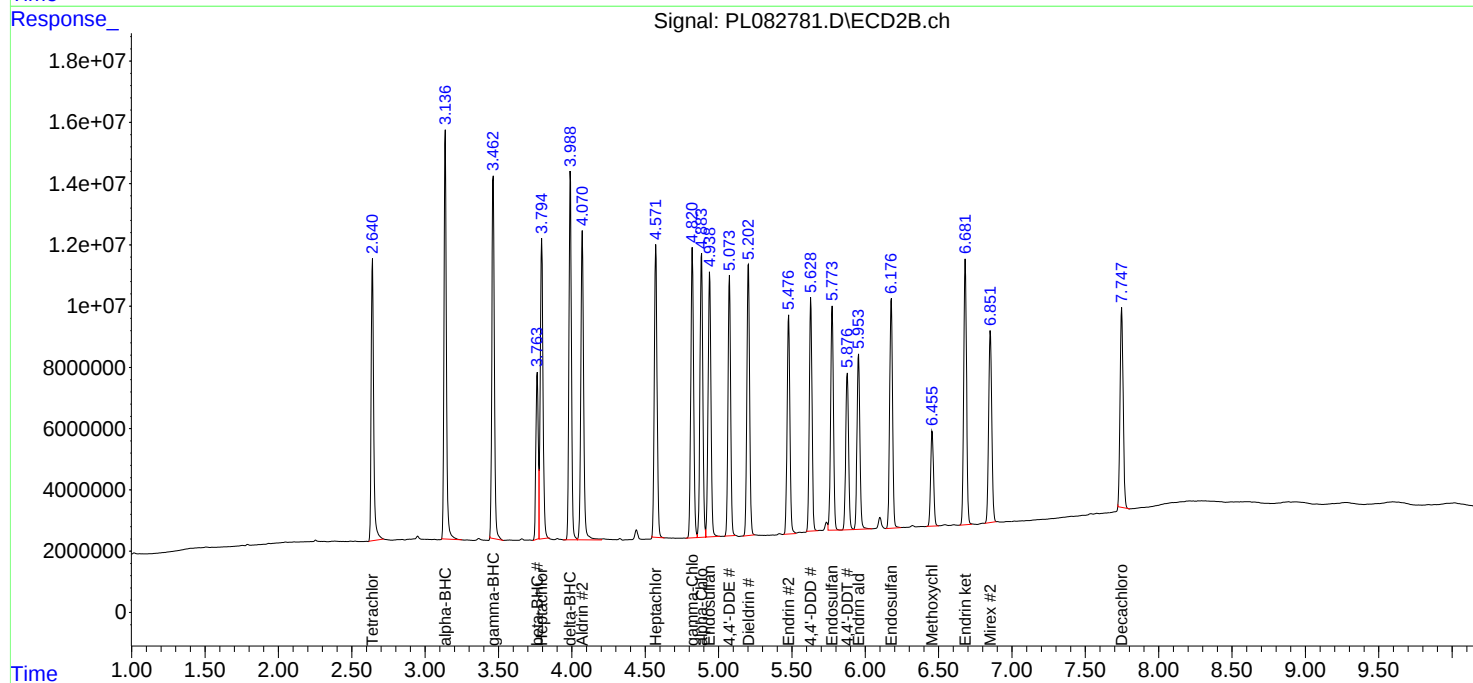
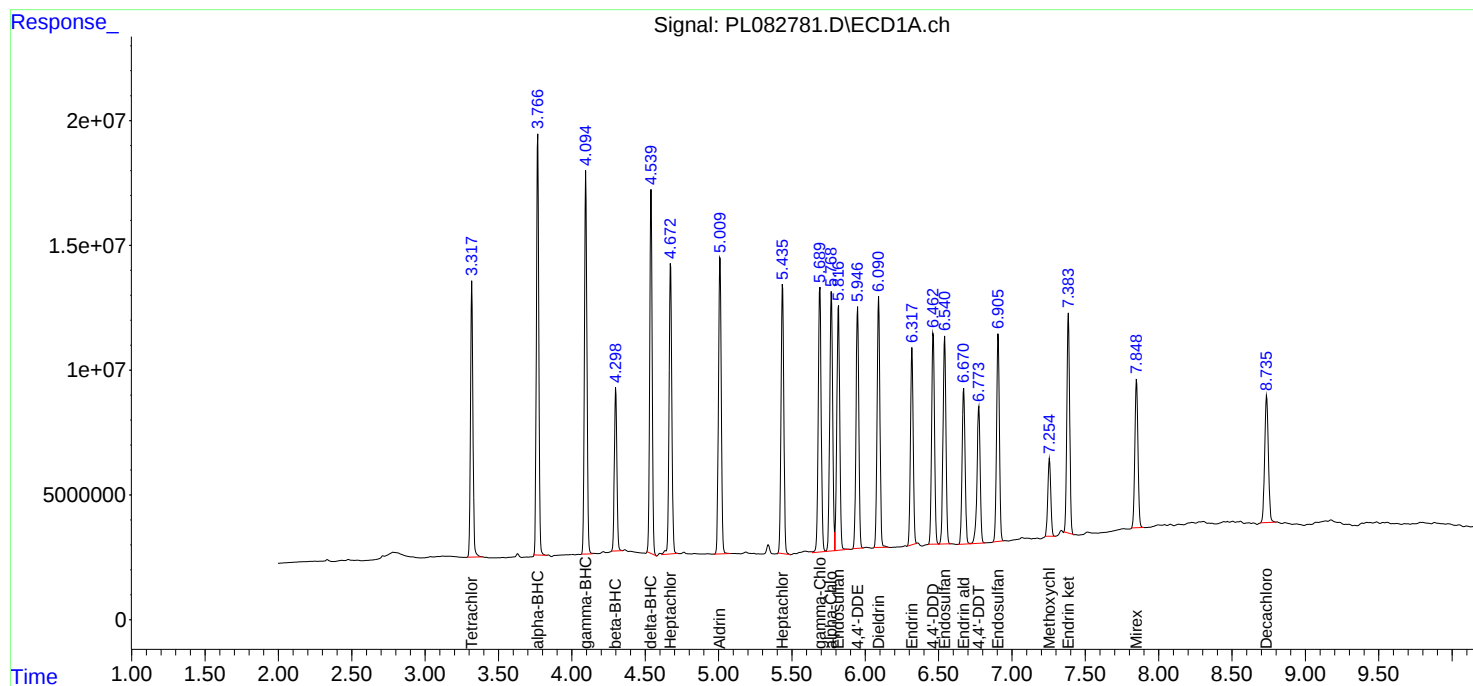
## APPROVED

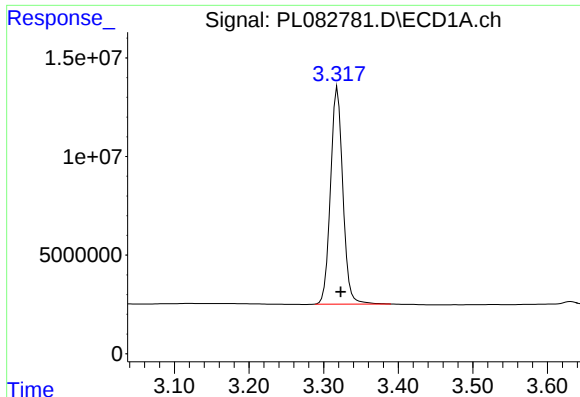
Reviewed By :Abdul Mirza 05/18/2023

Supervised By :Ankita Jodhani 05/18/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 18 05:57:06 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





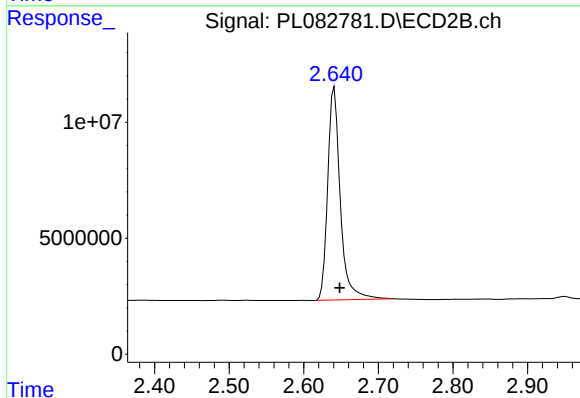
#1 Tetrachloro-m-xylene

R.T.: 3.319 min  
Delta R.T.: -0.004 min  
Response: 126659380  
Conc: 47.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

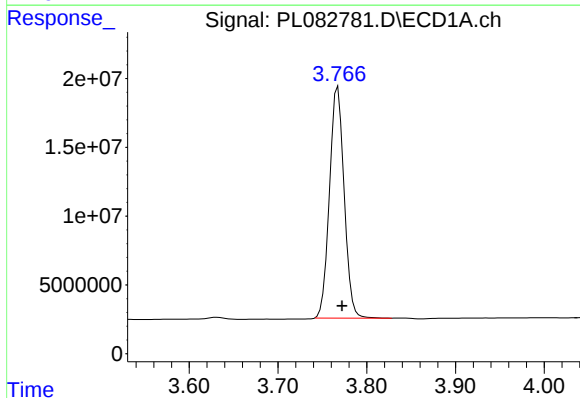
Manual Integrations  
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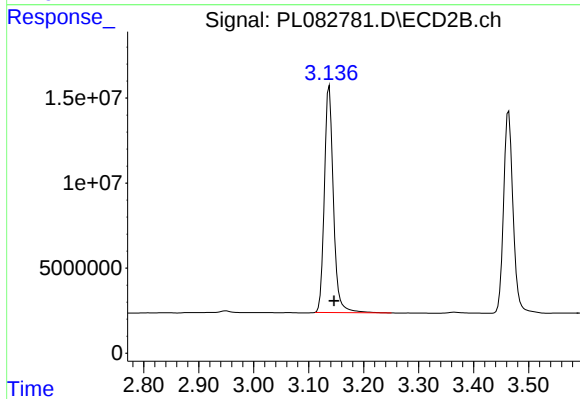
#1 Tetrachloro-m-xylene

R.T.: 2.641 min  
Delta R.T.: -0.007 min  
Response: 107709999  
Conc: 46.49 ng/ml



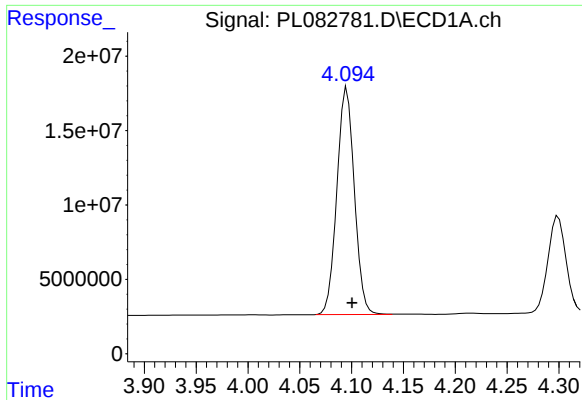
#2 alpha-BHC

R.T.: 3.767 min  
Delta R.T.: -0.005 min  
Response: 192466700  
Conc: 48.36 ng/ml



#2 alpha-BHC

R.T.: 3.137 min  
Delta R.T.: -0.009 min  
Response: 152511363  
Conc: 44.81 ng/ml



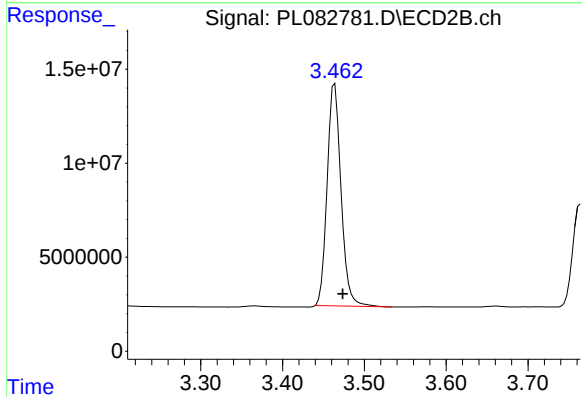
#3 gamma-BHC (Lindane)

R.T.: 4.096 min  
Delta R.T.: -0.005 min  
Response: 179028083  
Conc: 47.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

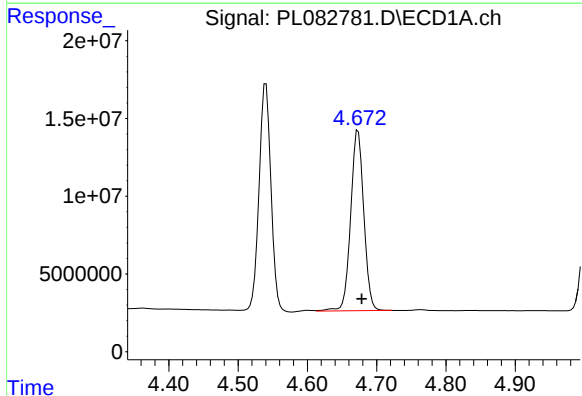
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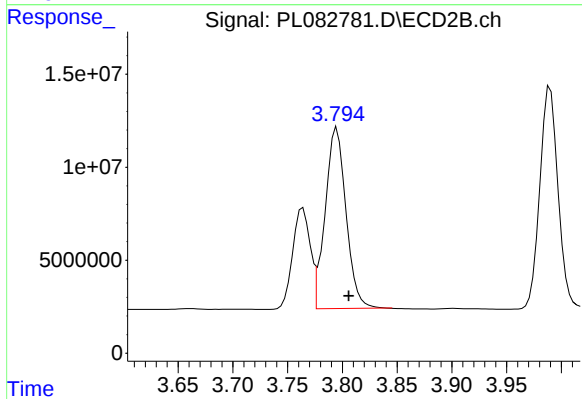
#3 gamma-BHC (Lindane)

R.T.: 3.464 min  
Delta R.T.: -0.010 min  
Response: 139930201  
Conc: 43.52 ng/ml



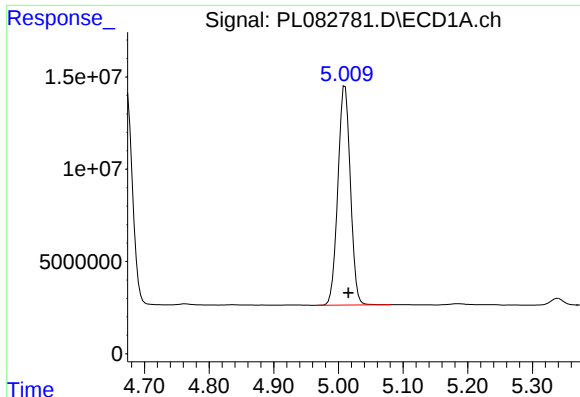
#4 Heptachlor

R.T.: 4.673 min  
Delta R.T.: -0.005 min  
Response: 152945020  
Conc: 41.86 ng/ml



#4 Heptachlor

R.T.: 3.794 min  
Delta R.T.: -0.012 min  
Response: 127087716  
Conc: 37.12 ng/ml m



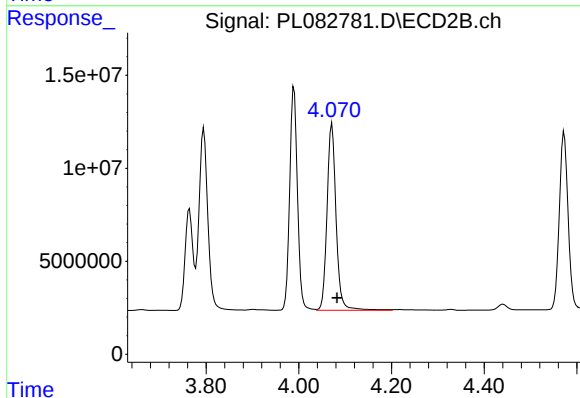
#5 Aldrin

R.T.: 5.010 min  
Delta R.T.: -0.005 min  
Response: 159260778  
Conc: 48.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

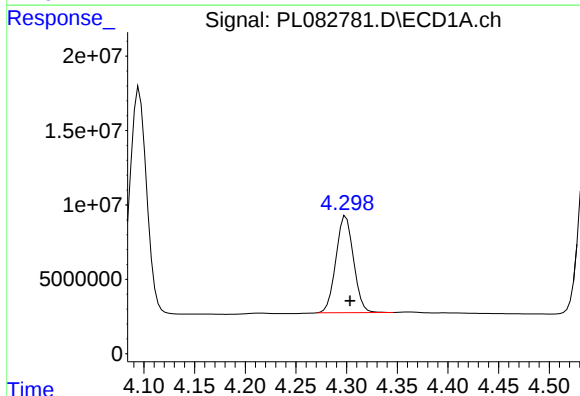
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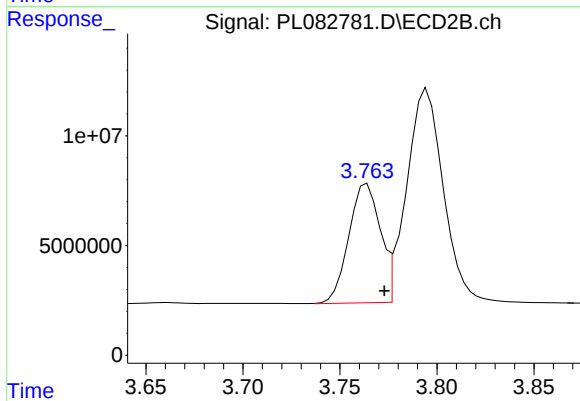
#5 Aldrin

R.T.: 4.072 min  
Delta R.T.: -0.011 min  
Response: 136673604  
Conc: 43.39 ng/ml



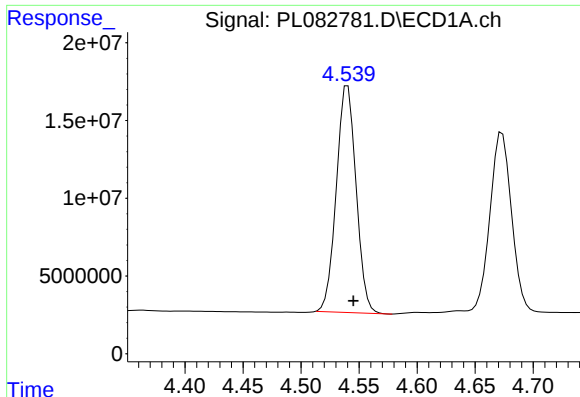
#6 beta-BHC

R.T.: 4.299 min  
Delta R.T.: -0.004 min  
Response: 78689827  
Conc: 46.14 ng/ml



#6 beta-BHC

R.T.: 3.763 min  
Delta R.T.: -0.010 min  
Response: 59188126  
Conc: 43.38 ng/ml m



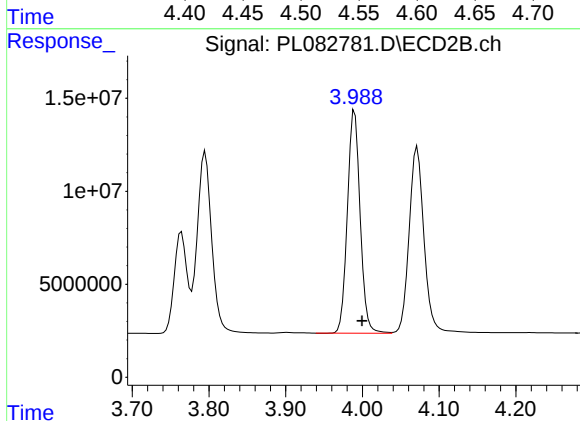
#7 delta-BHC

R.T.: 4.540 min  
Delta R.T.: -0.005 min  
Response: 172905587  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

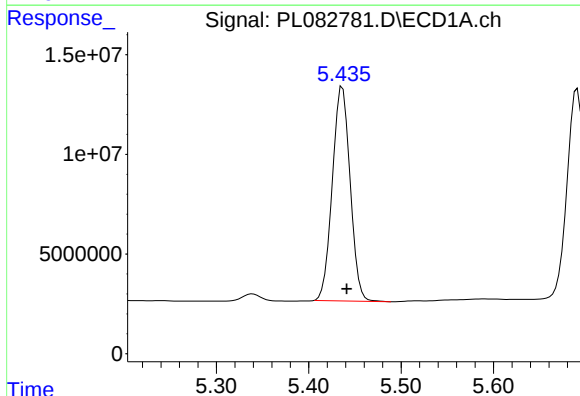
Manual Integrations  
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Reviewed By :Abdul Mirza 05/18/2023  
Supervised By :Ankita Jodhani 05/18/2023



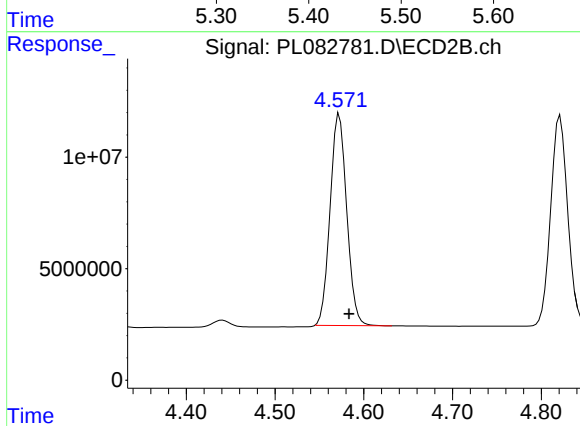
#7 delta-BHC

R.T.: 3.990 min  
Delta R.T.: -0.010 min  
Response: 139358170  
Conc: 45.43 ng/ml



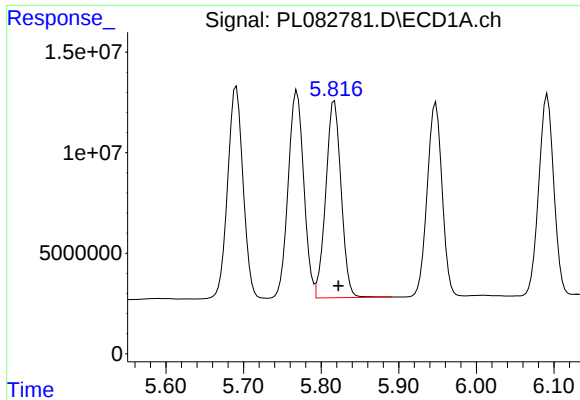
#8 Heptachlor epoxide

R.T.: 5.436 min  
Delta R.T.: -0.005 min  
Response: 143952921  
Conc: 47.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.572 min  
Delta R.T.: -0.011 min  
Response: 123669985  
Conc: 42.93 ng/ml



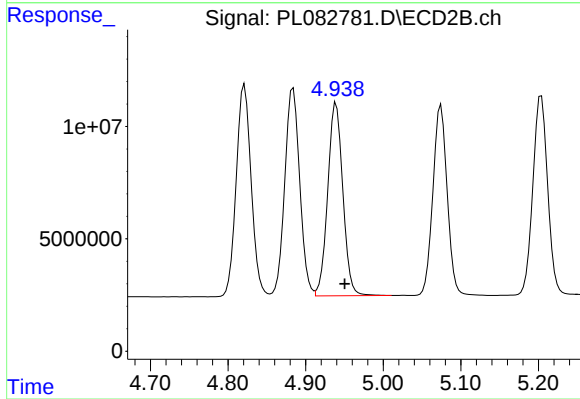
#9 Endosulfan I

R.T.: 5.817 min  
Delta R.T.: -0.005 min  
Response: 135105884  
Conc: 48.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

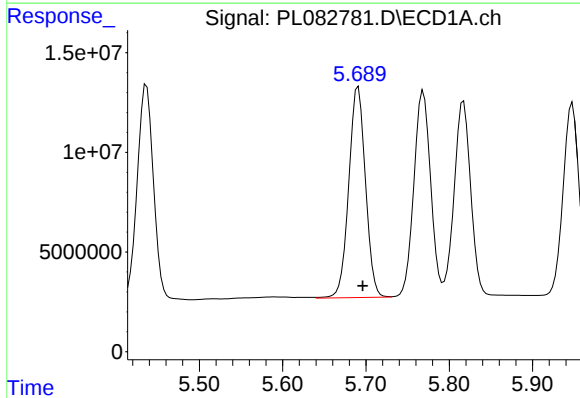
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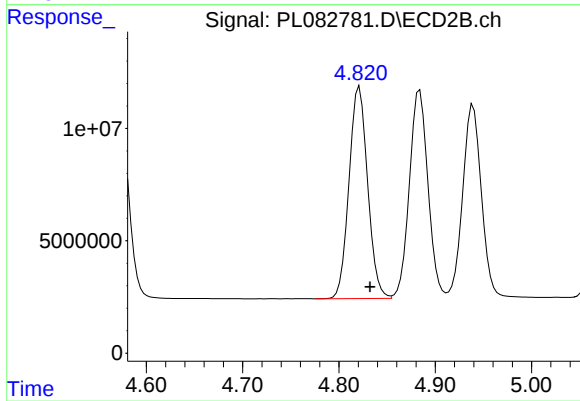
#9 Endosulfan I

R.T.: 4.939 min  
Delta R.T.: -0.011 min  
Response: 116267964  
Conc: 43.56 ng/ml



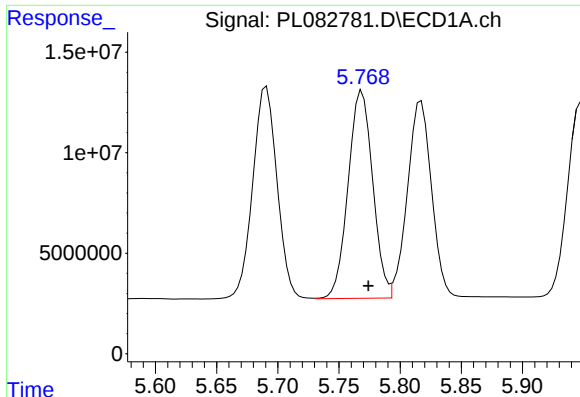
#10 gamma-Chlordane

R.T.: 5.691 min  
Delta R.T.: -0.005 min  
Response: 147028361  
Conc: 48.90 ng/ml



#10 gamma-Chlordane

R.T.: 4.821 min  
Delta R.T.: -0.011 min  
Response: 126159460  
Conc: 43.48 ng/ml



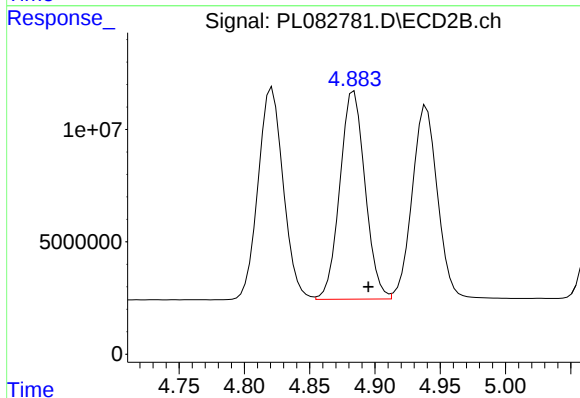
#11 alpha-Chlordane

R.T.: 5.769 min  
Delta R.T.: -0.005 min  
Response: 144370780  
Conc: 48.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

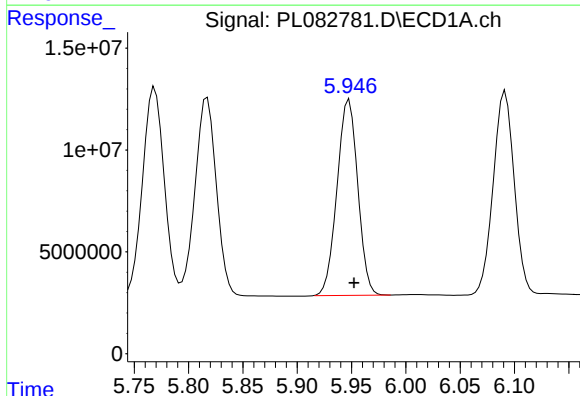
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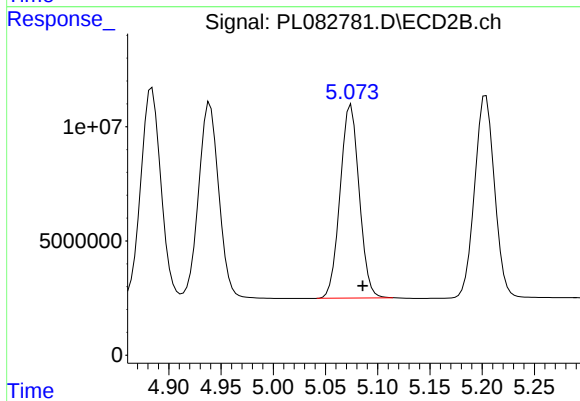
#11 alpha-Chlordane

R.T.: 4.884 min  
Delta R.T.: -0.011 min  
Response: 124395540  
Conc: 42.85 ng/ml



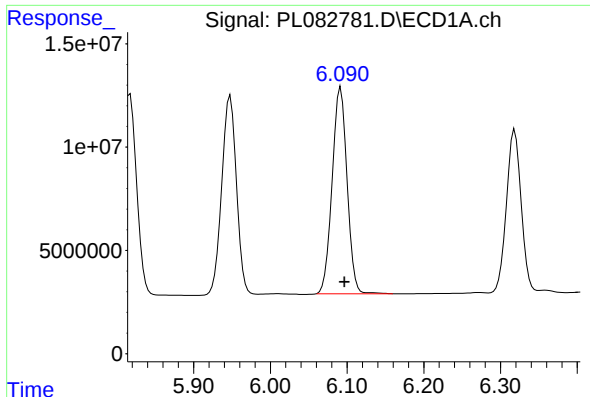
#12 4,4'-DDE

R.T.: 5.948 min  
Delta R.T.: -0.004 min  
Response: 127892937  
Conc: 50.31 ng/ml



#12 4,4'-DDE

R.T.: 5.073 min  
Delta R.T.: -0.012 min  
Response: 107505063  
Conc: 46.76 ng/ml m



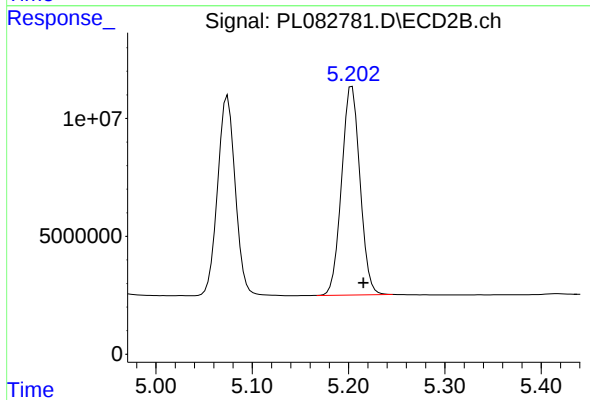
#13 Dieldrin

R.T.: 6.092 min  
Delta R.T.: -0.005 min  
Response: 134999226  
Conc: 48.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

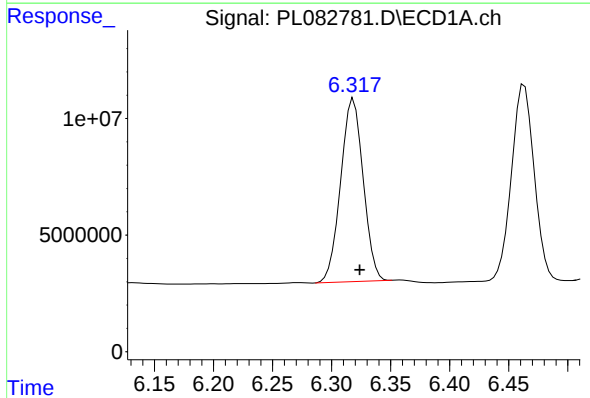
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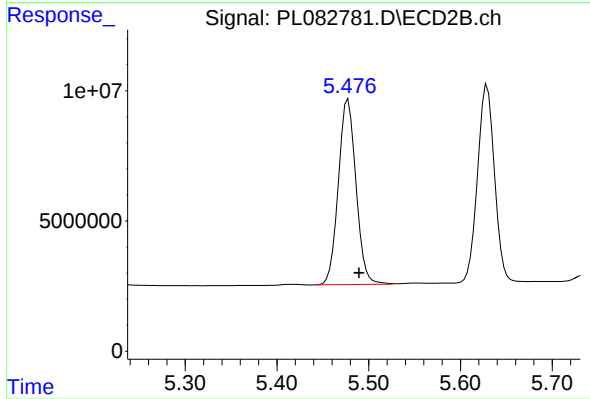
#13 Dieldrin

R.T.: 5.202 min  
Delta R.T.: -0.013 min  
Response: 117140062  
Conc: 43.38 ng/ml m



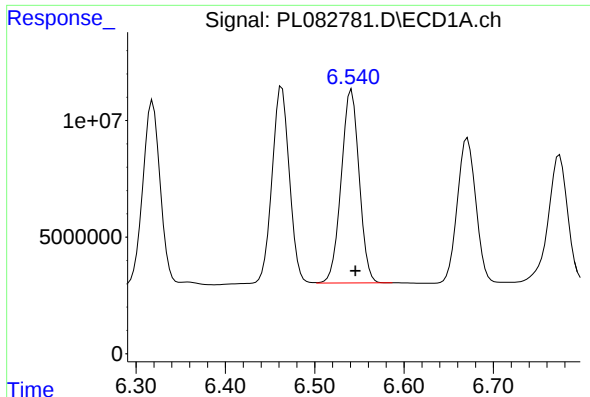
#14 Endrin

R.T.: 6.319 min  
Delta R.T.: -0.005 min  
Response: 104160123  
Conc: 42.96 ng/ml



#14 Endrin

R.T.: 5.476 min  
Delta R.T.: -0.013 min  
Response: 95008552  
Conc: 38.84 ng/ml m



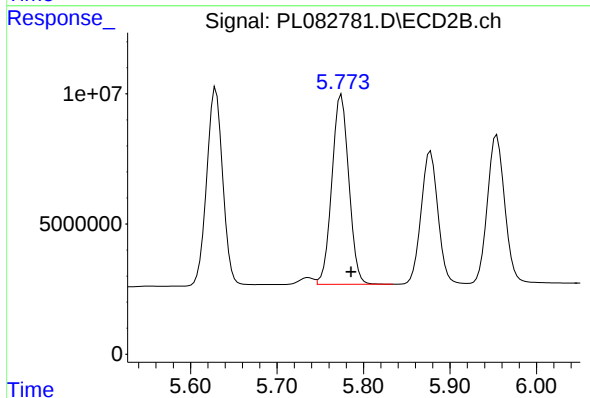
#15 Endosulfan II

R.T.: 6.541 min  
Delta R.T.: -0.004 min  
Response: 115405424  
Conc: 47.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

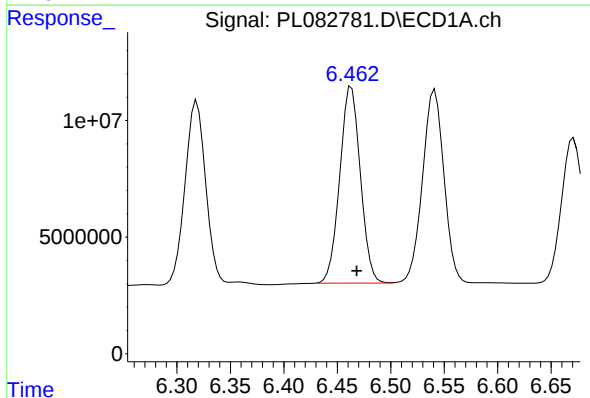
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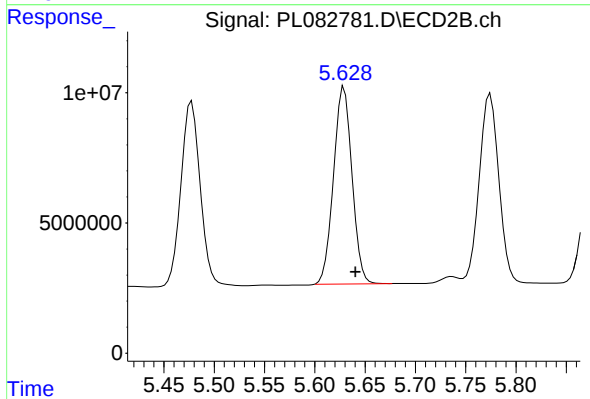
#15 Endosulfan II

R.T.: 5.775 min  
Delta R.T.: -0.011 min  
Response: 98825312  
Conc: 43.84 ng/ml



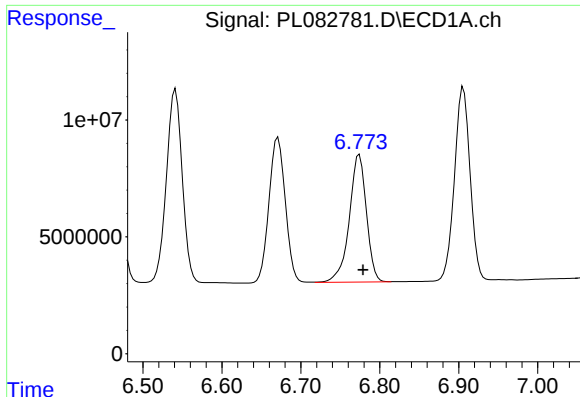
#16 4,4'-DDD

R.T.: 6.463 min  
Delta R.T.: -0.005 min  
Response: 113045316  
Conc: 55.76 ng/ml



#16 4,4'-DDD

R.T.: 5.629 min  
Delta R.T.: -0.011 min  
Response: 96691004  
Conc: 51.70 ng/ml



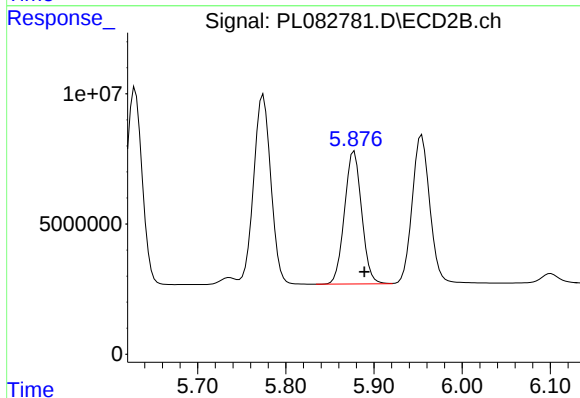
#17 4,4'-DDT

R.T.: 6.774 min  
Delta R.T.: -0.005 min  
Response: 82213999  
Conc: 35.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

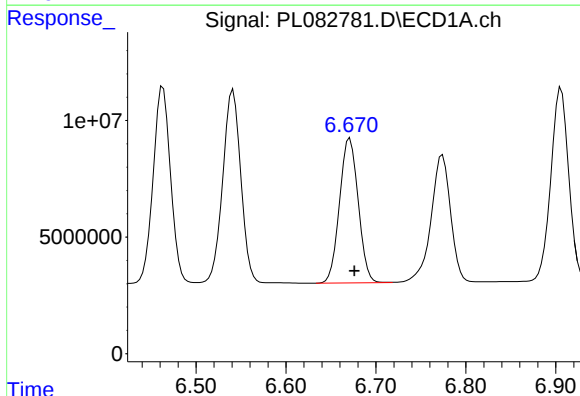
Manual Integrations  
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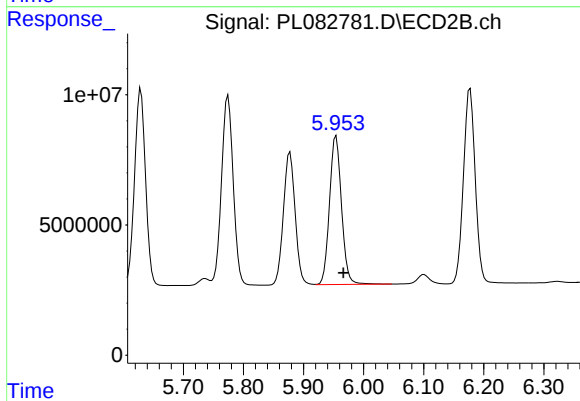
#17 4,4'-DDT

R.T.: 5.878 min  
Delta R.T.: -0.011 min  
Response: 69016775  
Conc: 32.67 ng/ml



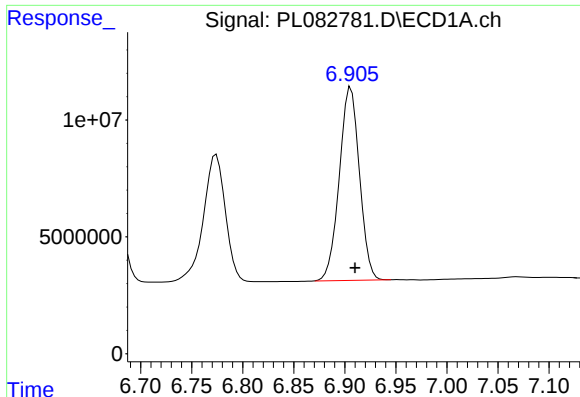
#18 Endrin aldehyde

R.T.: 6.671 min  
Delta R.T.: -0.005 min  
Response: 89717660  
Conc: 47.62 ng/ml



#18 Endrin aldehyde

R.T.: 5.954 min  
Delta R.T.: -0.012 min  
Response: 79429441  
Conc: 42.44 ng/ml



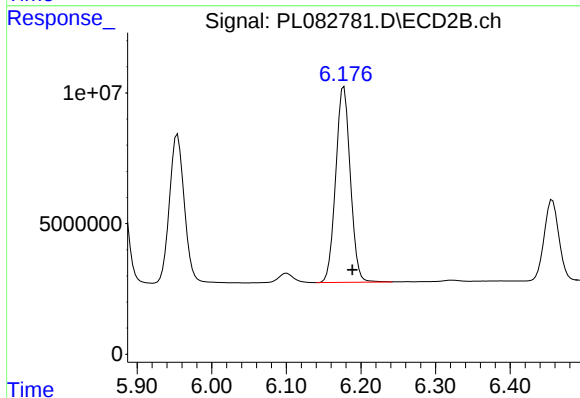
#19 Endosulfan Sulfate

R.T.: 6.906 min  
Delta R.T.: -0.004 min  
Response: 113475436  
Conc: 47.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

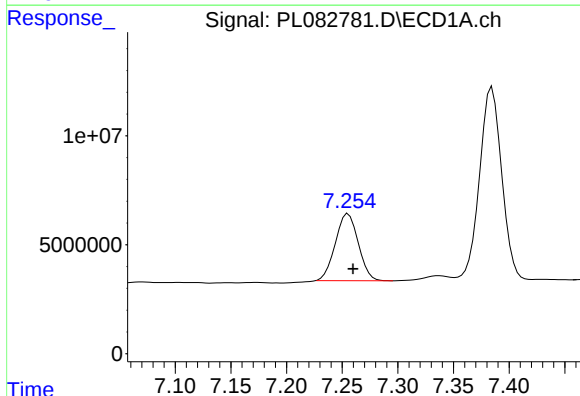
Manual Integrations  
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Reviewed By :Abdul Mirza 05/18/2023  
Supervised By :Ankita Jodhani 05/18/2023



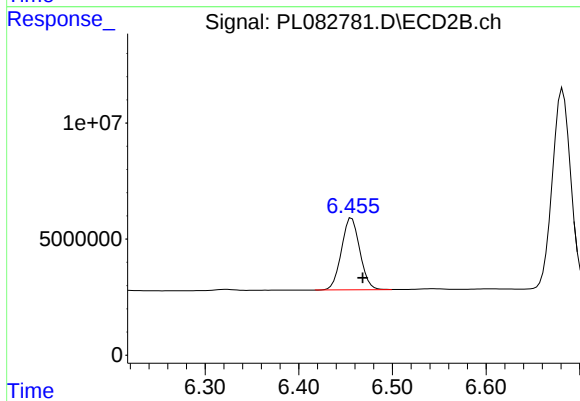
#19 Endosulfan Sulfate

R.T.: 6.177 min  
Delta R.T.: -0.011 min  
Response: 102100543  
Conc: 43.37 ng/ml



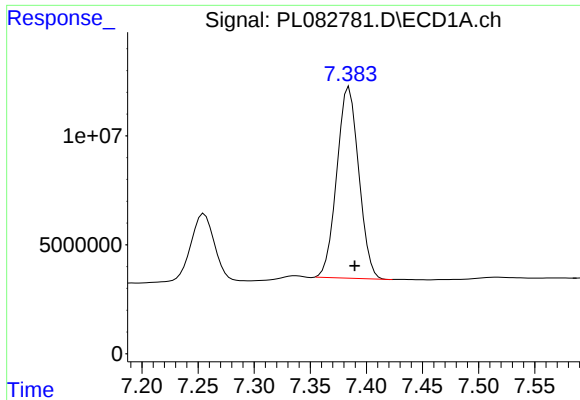
#20 Methoxychlor

R.T.: 7.255 min  
Delta R.T.: -0.004 min  
Response: 44187699  
Conc: 36.21 ng/ml



#20 Methoxychlor

R.T.: 6.455 min  
Delta R.T.: -0.013 min  
Response: 42298963  
Conc: 34.90 ng/ml m



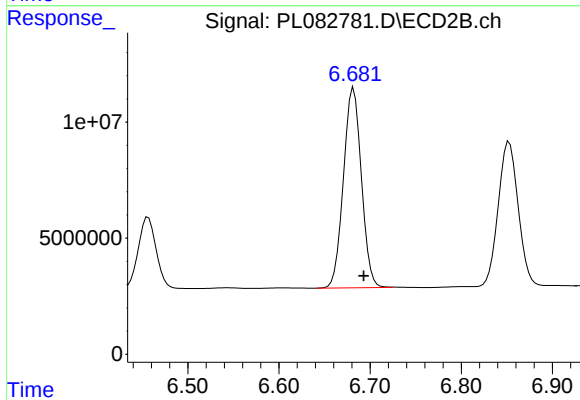
#21 Endrin ketone

R.T.: 7.385 min  
Delta R.T.: -0.005 min  
Response: 119448351  
Conc: 49.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

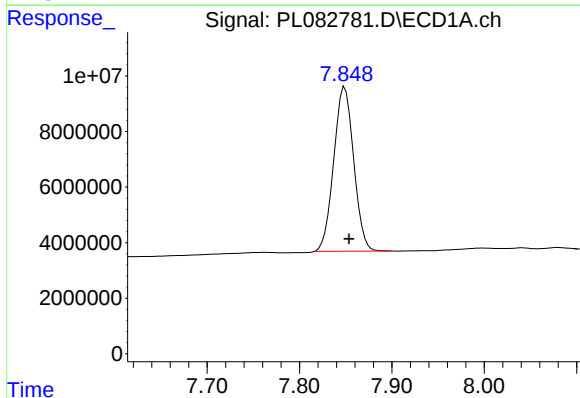
Manual Integrations  
APPROVED

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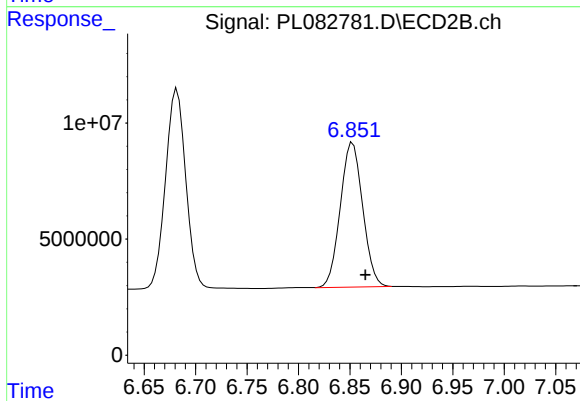
#21 Endrin ketone

R.T.: 6.681 min  
Delta R.T.: -0.012 min  
Response: 117786980  
Conc: 46.41 ng/ml m



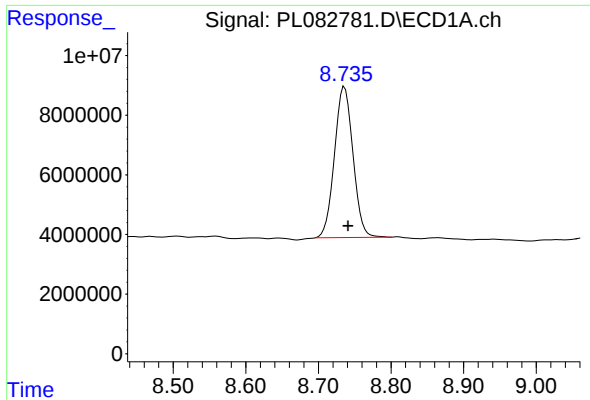
#22 Mirex

R.T.: 7.849 min  
Delta R.T.: -0.005 min  
Response: 88959878  
Conc: 45.47 ng/ml



#22 Mirex

R.T.: 6.851 min  
Delta R.T.: -0.014 min  
Response: 94451400  
Conc: 40.99 ng/ml m



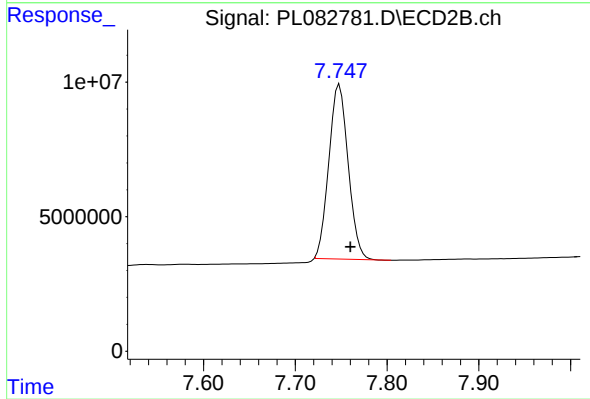
#28 Decachlorobiphenyl

R.T.: 8.736 min  
Delta R.T.: -0.005 min  
Response: 89761449  
Conc: 47.02 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: 94917366  
Conc: 41.58 ng/ml