

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051123\  
 Data File : PL082655.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 May 2023 16:15  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 05/12/2023  
 Supervised By : Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 11 21:33:22 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 | 123.9E6  | 112.3E6  | 46.391  | 48.459  |
| 28)                         | SA Decachlor... | 8.736 | 7.748 | 92345152 | 106.3E6  | 48.372  | 46.567m |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.768 | 3.138 | 189.6E6  | 164.3E6  | 47.628  | 48.279  |
| 3)                          | MA gamma-BHC... | 4.096 | 3.465 | 174.7E6  | 152.1E6  | 46.735  | 47.310  |
| 4)                          | MA Heptachlor   | 4.674 | 3.796 | 170.2E6  | 151.3E6  | 46.578  | 44.188  |
| 5)                          | MB Aldrin       | 5.011 | 4.073 | 158.8E6  | 150.3E6  | 48.142  | 47.725  |
| 6)                          | B beta-BHC      | 4.300 | 3.764 | 78454233 | 69982187 | 46.001  | 51.291m |
| 7)                          | B delta-BHC     | 4.541 | 3.991 | 174.0E6  | 150.0E6  | 48.372  | 48.896  |
| 8)                          | B Heptachlo...  | 5.437 | 4.574 | 145.0E6  | 136.6E6  | 47.539  | 47.400  |
| 9)                          | A Endosulfan I  | 5.817 | 4.941 | 132.5E6  | 128.4E6  | 47.771  | 48.114  |
| 10)                         | B gamma-Chl...  | 5.691 | 4.823 | 145.4E6  | 138.6E6  | 48.346  | 47.773  |
| 11)                         | B alpha-Chl...  | 5.769 | 4.886 | 142.4E6  | 137.9E6  | 47.717  | 47.510  |
| 12)                         | B 4,4'-DDE      | 5.947 | 5.075 | 126.4E6  | 117.3E6  | 49.713  | 51.025m |
| 13)                         | MA Dieldrin     | 6.092 | 5.204 | 134.0E6  | 129.6E6  | 48.564  | 47.994m |
| 14)                         | MA Endrin       | 6.319 | 5.478 | 108.0E6  | 106.5E6  | 44.559  | 43.532m |
| 15)                         | B Endosulfa...  | 6.541 | 5.776 | 110.8E6  | 108.5E6  | 45.505  | 48.154  |
| 16)                         | A 4,4'-DDD      | 6.464 | 5.631 | 109.5E6  | 101.4E6  | 54.009  | 54.222  |
| 17)                         | MA 4,4'-DDT     | 6.774 | 5.879 | 97992404 | 91983892 | 42.834  | 43.541  |
| 18)                         | B Endrin al...  | 6.672 | 5.956 | 90445344 | 88288241 | 48.003  | 47.178  |
| 19)                         | B Endosulfa...  | 6.906 | 6.178 | 114.8E6  | 112.4E6  | 48.409  | 47.754  |
| 20)                         | A Methoxychlor  | 7.255 | 6.456 | 50897726 | 51853164 | 41.708  | 42.789m |
| 21)                         | B Endrin ke...  | 7.384 | 6.681 | 124.2E6  | 129.9E6  | 51.880m | 51.193m |
| 22)                         | Mirex           | 7.849 | 6.853 | 92222912 | 105.6E6  | 47.141  | 45.848m |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051123\  
Data File : PL082655.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 May 2023 16:15  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

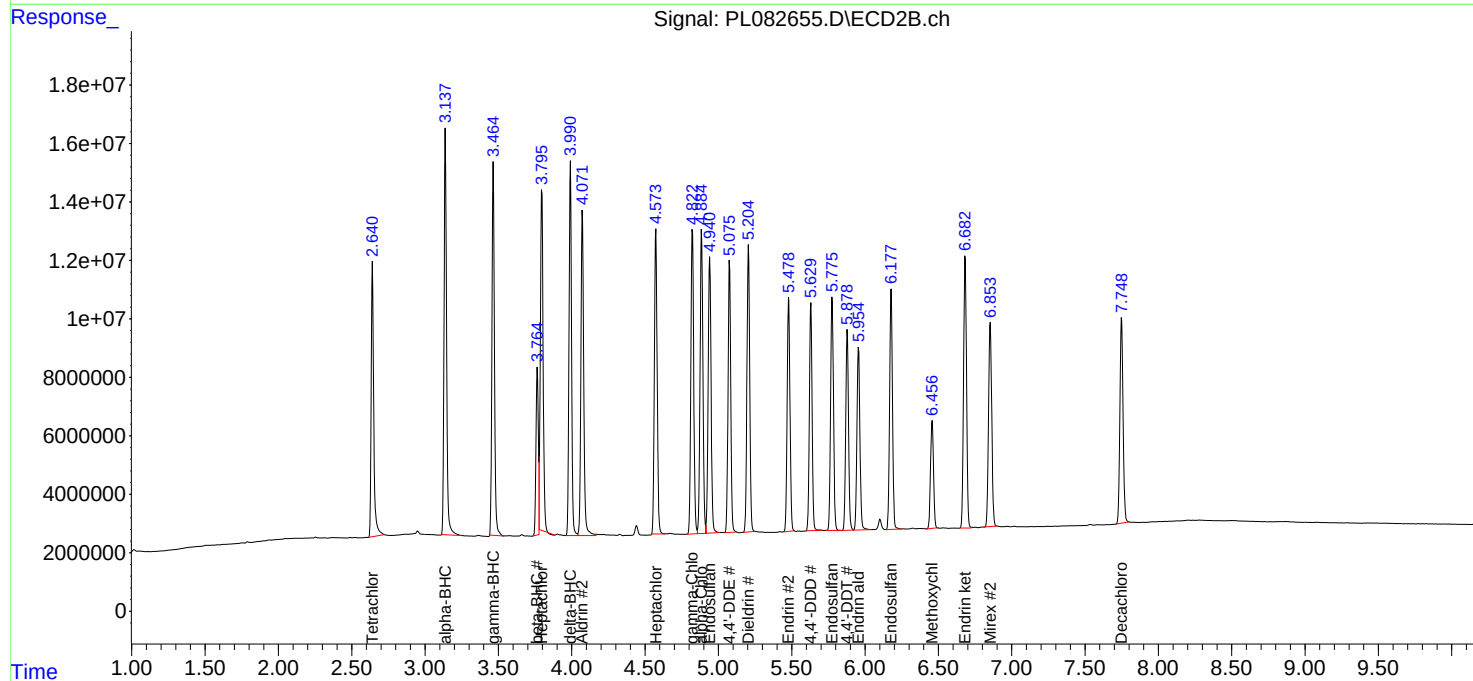
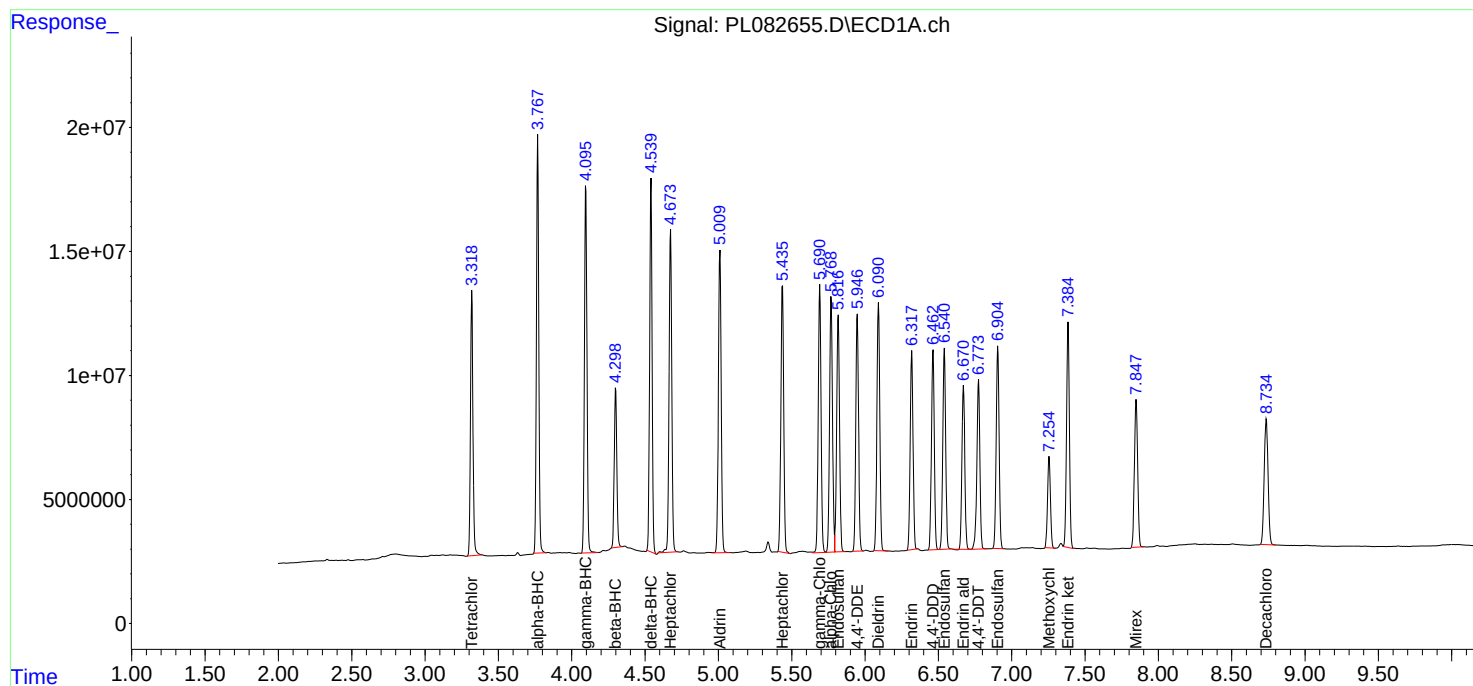
## APPROVED

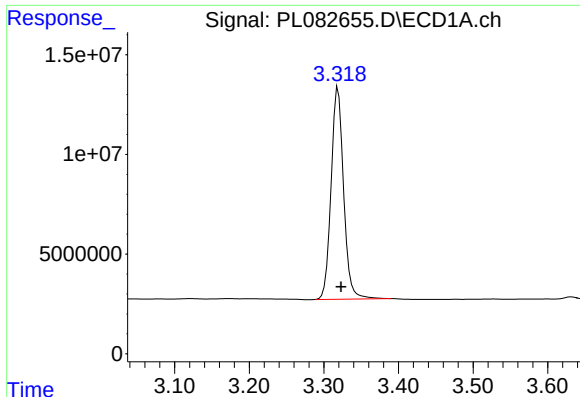
Reviewed By :Abdul Mirza 05/12/2023

Supervised By :Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 11 21:33:22 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





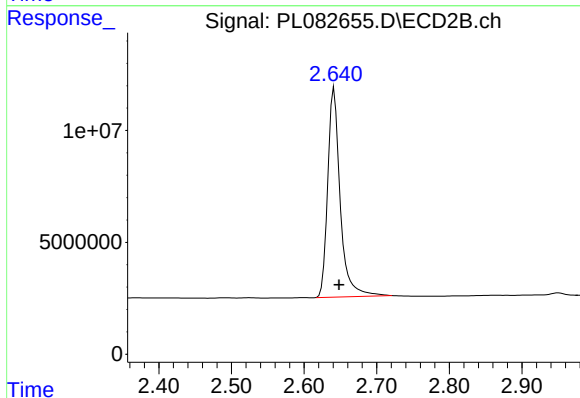
#1 Tetrachloro-m-xylene

R.T.: 3.319 min  
Delta R.T.: -0.004 min  
Response: 123921153  
Conc: 46.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

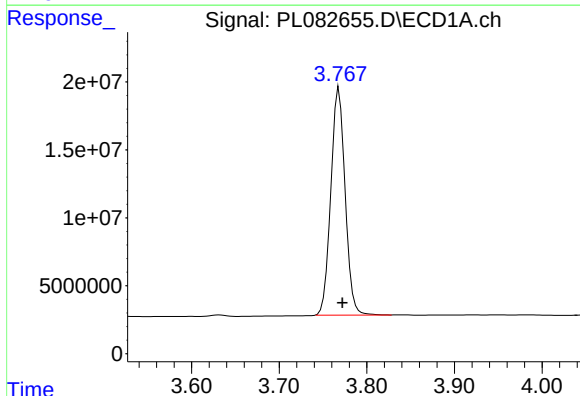
Manual Integrations  
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Reviewed By :Abdul Mirza 05/12/2023  
Supervised By :Ankita Jodhani 05/16/2023



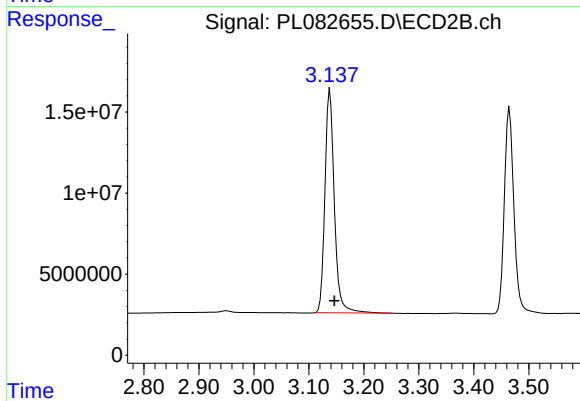
#1 Tetrachloro-m-xylene

R.T.: 2.641 min  
Delta R.T.: -0.007 min  
Response: 112267085  
Conc: 48.46 ng/ml



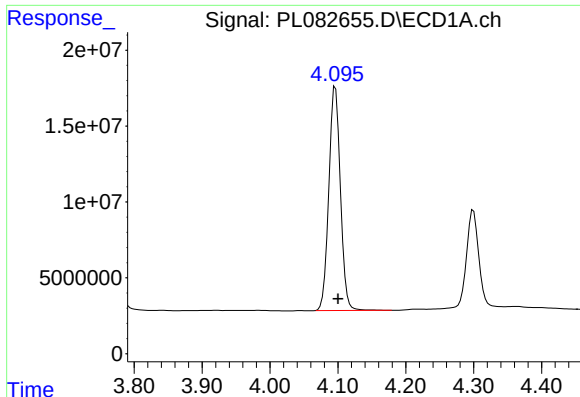
#2 alpha-BHC

R.T.: 3.768 min  
Delta R.T.: -0.004 min  
Response: 189572458  
Conc: 47.63 ng/ml



#2 alpha-BHC

R.T.: 3.138 min  
Delta R.T.: -0.008 min  
Response: 164315636  
Conc: 48.28 ng/ml



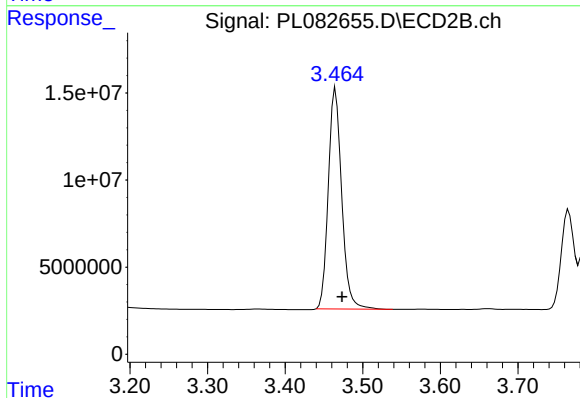
#3 gamma-BHC (Lindane)

R.T.: 4.096 min  
Delta R.T.: -0.004 min  
Response: 174740771  
Conc: 46.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

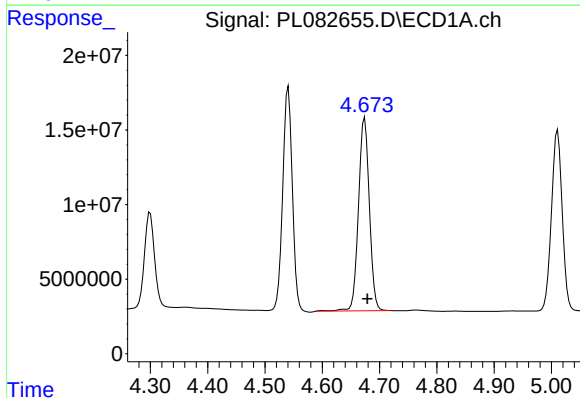
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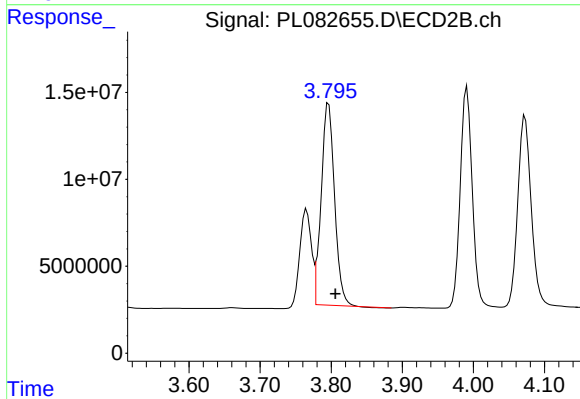
#3 gamma-BHC (Lindane)

R.T.: 3.465 min  
Delta R.T.: -0.008 min  
Response: 152115525  
Conc: 47.31 ng/ml



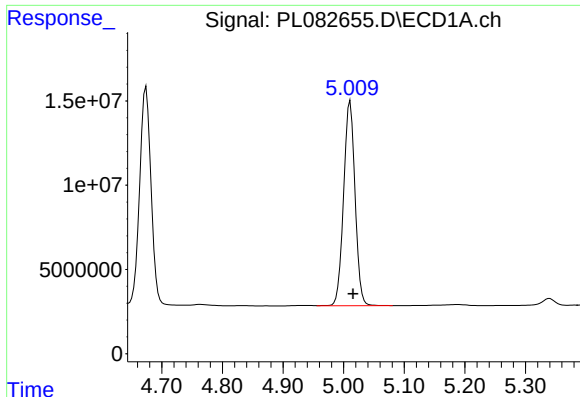
#4 Heptachlor

R.T.: 4.674 min  
Delta R.T.: -0.005 min  
Response: 170191008  
Conc: 46.58 ng/ml



#4 Heptachlor

R.T.: 3.796 min  
Delta R.T.: -0.009 min  
Response: 151267390  
Conc: 44.19 ng/ml



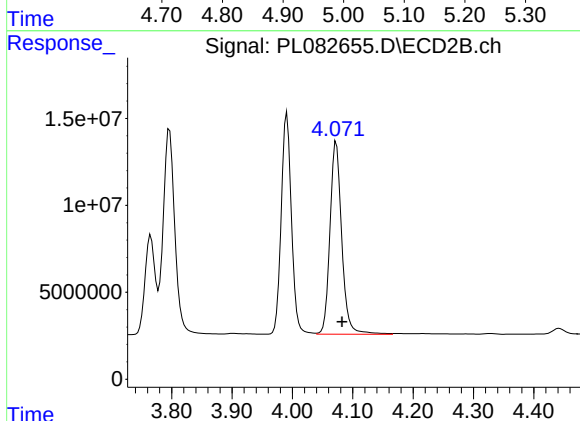
#5 Aldrin

R.T.: 5.011 min  
Delta R.T.: -0.005 min  
Response: 158752066  
Conc: 48.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

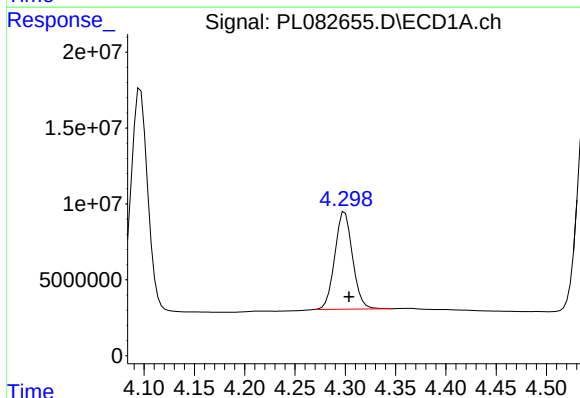
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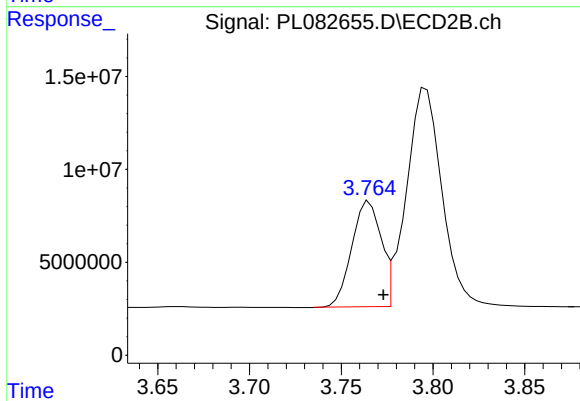
#5 Aldrin

R.T.: 4.073 min  
Delta R.T.: -0.010 min  
Response: 150325765  
Conc: 47.72 ng/ml



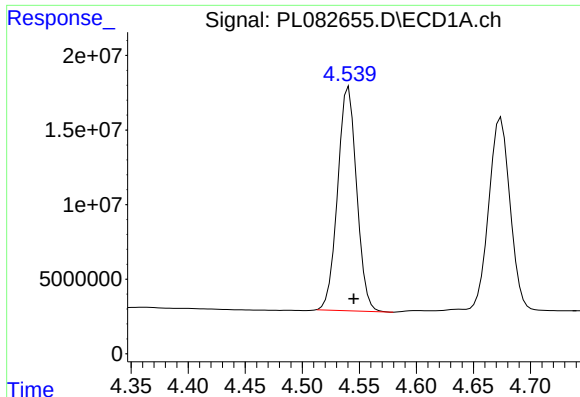
#6 beta-BHC

R.T.: 4.300 min  
Delta R.T.: -0.004 min  
Response: 78454233  
Conc: 46.00 ng/ml



#6 beta-BHC

R.T.: 3.764 min  
Delta R.T.: -0.009 min  
Response: 69982187  
Conc: 51.29 ng/ml m



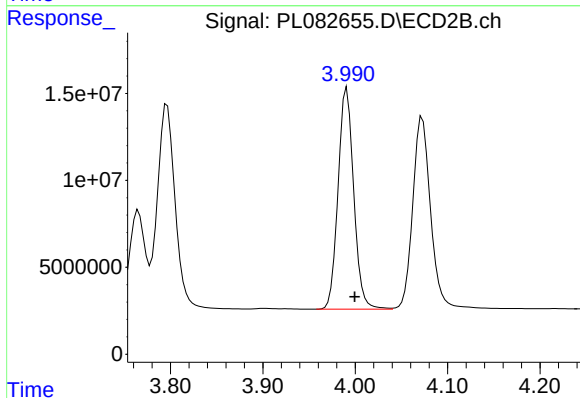
#7 delta-BHC

R.T.: 4.541 min  
Delta R.T.: -0.004 min  
Response: 174031375  
Conc: 48.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

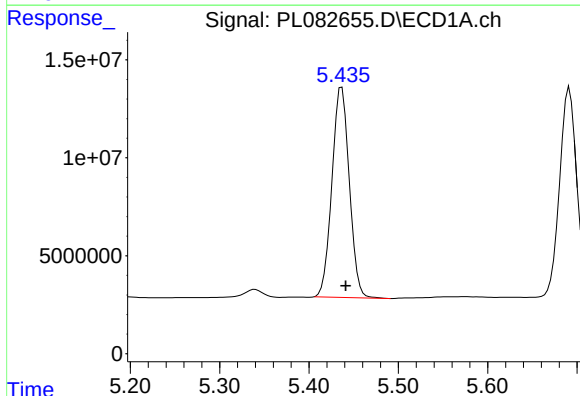
Manual Integrations  
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Reviewed By :Abdul Mirza 05/12/2023  
Supervised By :Ankita Jodhani 05/16/2023



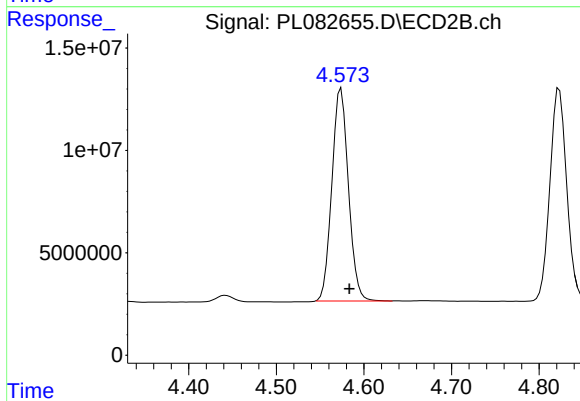
#7 delta-BHC

R.T.: 3.991 min  
Delta R.T.: -0.009 min  
Response: 149981758  
Conc: 48.90 ng/ml



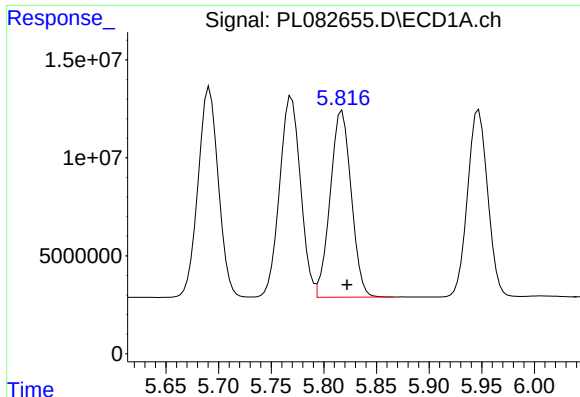
#8 Heptachlor epoxide

R.T.: 5.437 min  
Delta R.T.: -0.005 min  
Response: 145011311  
Conc: 47.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.574 min  
Delta R.T.: -0.010 min  
Response: 136554779  
Conc: 47.40 ng/ml



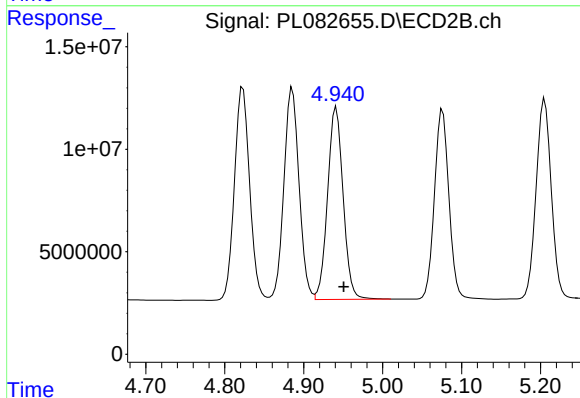
#9 Endosulfan I

R.T.: 5.817 min  
Delta R.T.: -0.005 min  
Response: 132456540  
Conc: 47.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

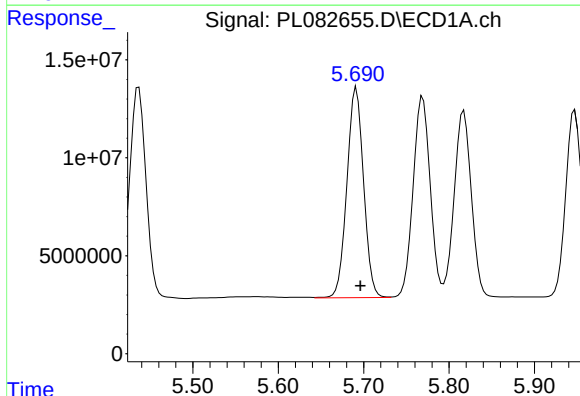
Manual Integrations  
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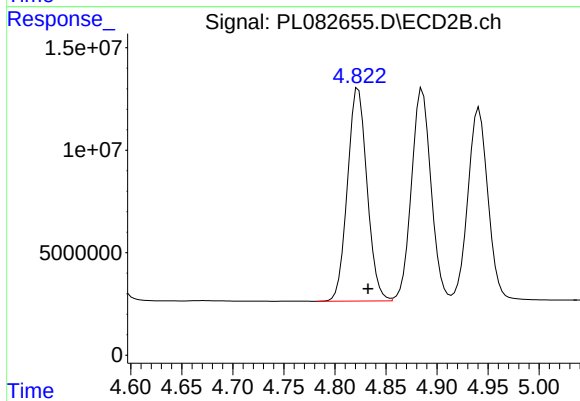
#9 Endosulfan I

R.T.: 4.941 min  
Delta R.T.: -0.009 min  
Response: 128437903  
Conc: 48.11 ng/ml



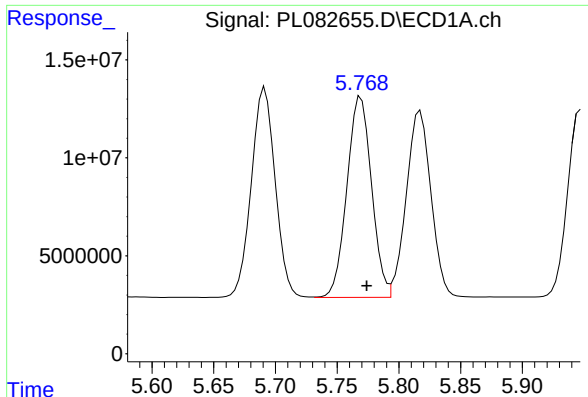
#10 gamma-Chlordane

R.T.: 5.691 min  
Delta R.T.: -0.005 min  
Response: 145369149  
Conc: 48.35 ng/ml



#10 gamma-Chlordane

R.T.: 4.823 min  
Delta R.T.: -0.010 min  
Response: 138628715  
Conc: 47.77 ng/ml



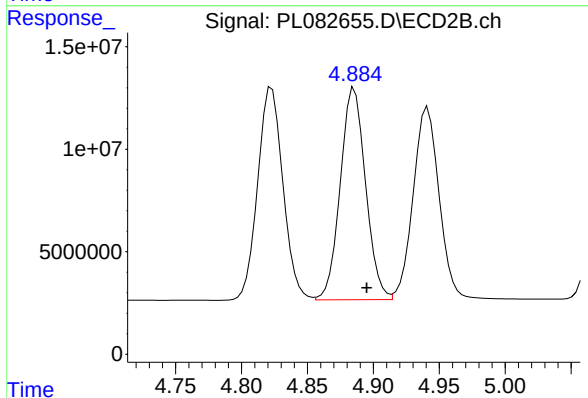
#11 alpha-Chlordane

R.T.: 5.769 min  
Delta R.T.: -0.005 min  
Response: 142415378  
Conc: 47.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

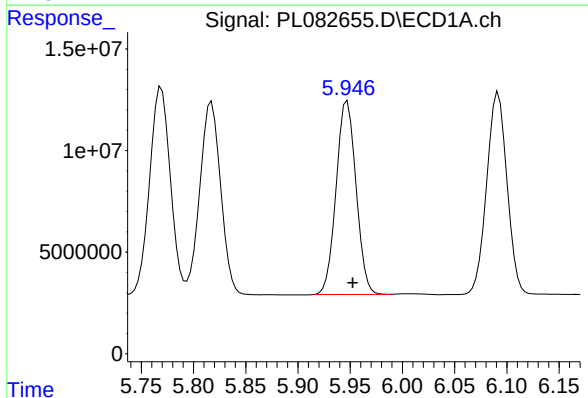
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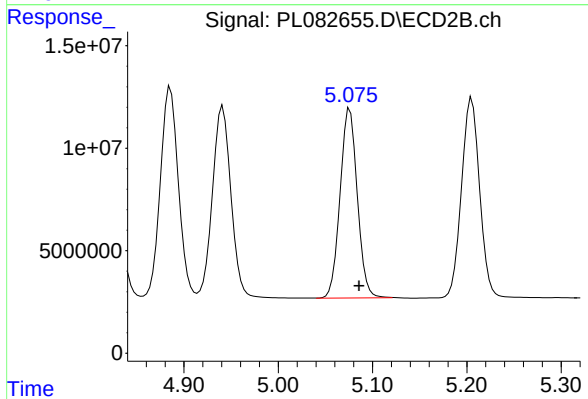
#11 alpha-Chlordane

R.T.: 4.886 min  
Delta R.T.: -0.009 min  
Response: 137914526  
Conc: 47.51 ng/ml



#12 4,4'-DDE

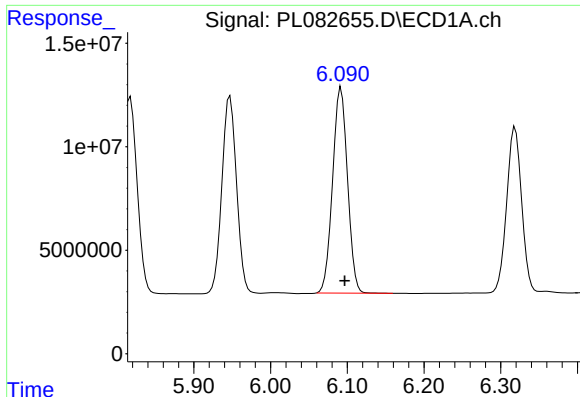
R.T.: 5.947 min  
Delta R.T.: -0.005 min  
Response: 126372690  
Conc: 49.71 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min  
Delta R.T.: -0.011 min  
Response: 117305555  
Conc: 51.03 ng/ml m





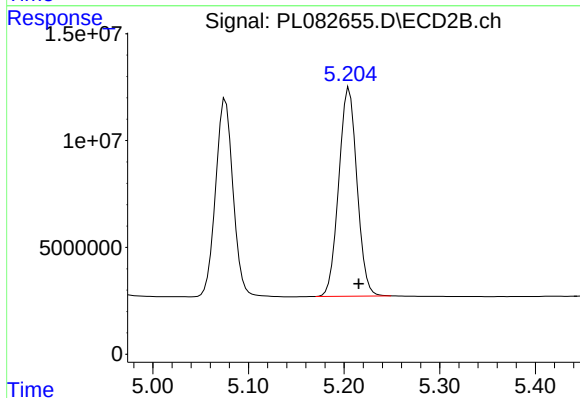
#13 Dieldrin

R.T.: 6.092 min  
Delta R.T.: -0.005 min  
Response: 133995574  
Conc: 48.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

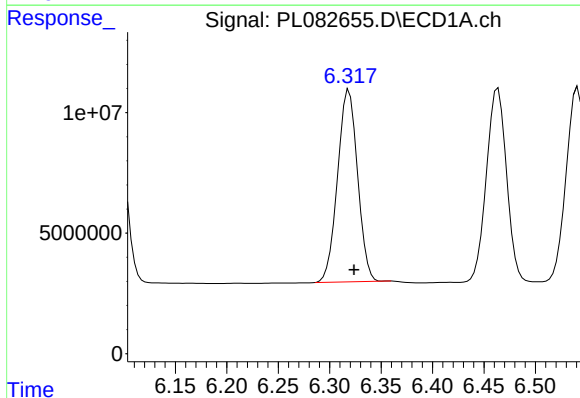
Manual Integrations  
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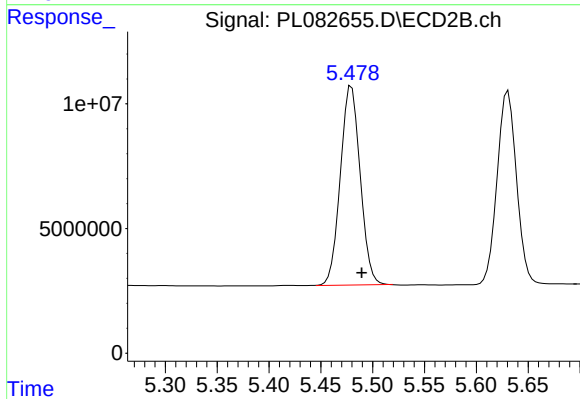
#13 Dieldrin

R.T.: 5.204 min  
Delta R.T.: -0.011 min  
Response: 129601322  
Conc: 47.99 ng/ml m



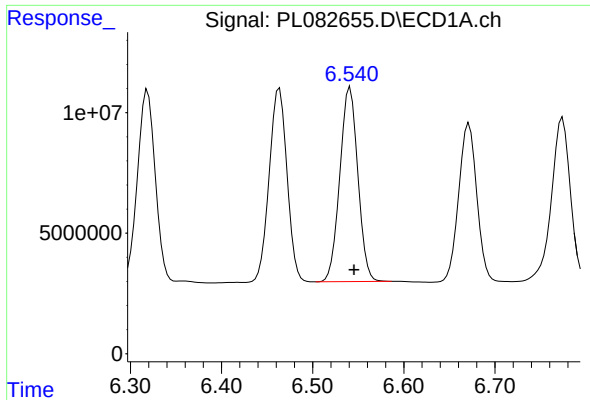
#14 Endrin

R.T.: 6.319 min  
Delta R.T.: -0.005 min  
Response: 108036333  
Conc: 44.56 ng/ml



#14 Endrin

R.T.: 5.478 min  
Delta R.T.: -0.011 min  
Response: 106476598  
Conc: 43.53 ng/ml m



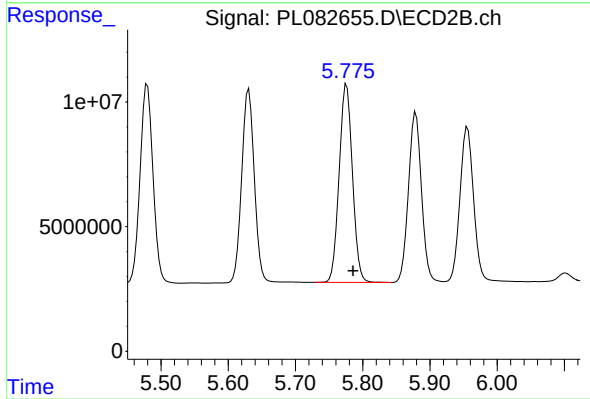
#15 Endosulfan II

R.T.: 6.541 min  
Delta R.T.: -0.004 min  
Response: 110784370  
Conc: 45.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

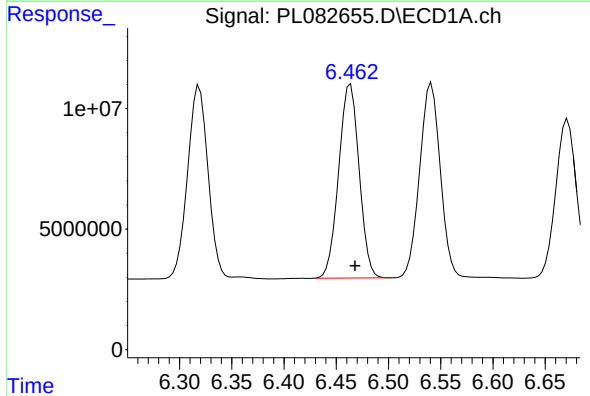
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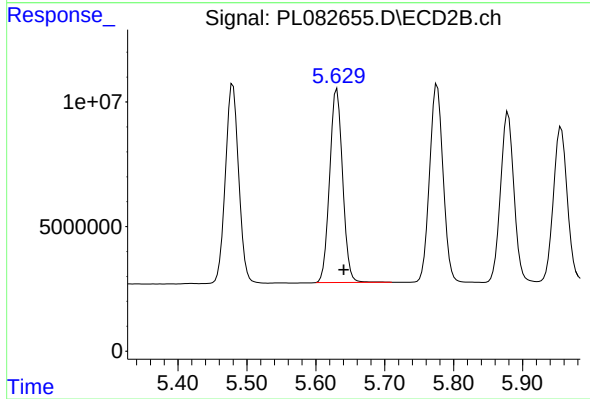
#15 Endosulfan II

R.T.: 5.776 min  
Delta R.T.: -0.010 min  
Response: 108545018  
Conc: 48.15 ng/ml



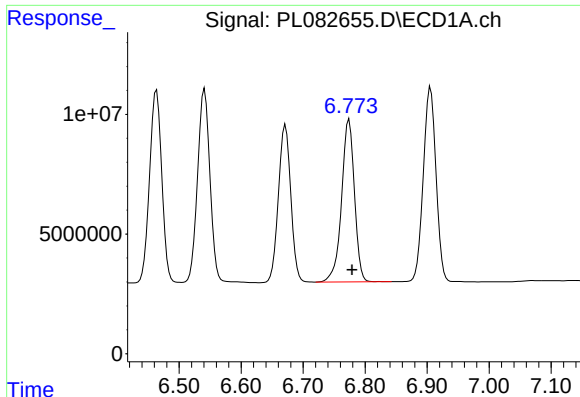
#16 4,4'-DDD

R.T.: 6.464 min  
Delta R.T.: -0.005 min  
Response: 109486624  
Conc: 54.01 ng/ml



#16 4,4'-DDD

R.T.: 5.631 min  
Delta R.T.: -0.010 min  
Response: 101417513  
Conc: 54.22 ng/ml



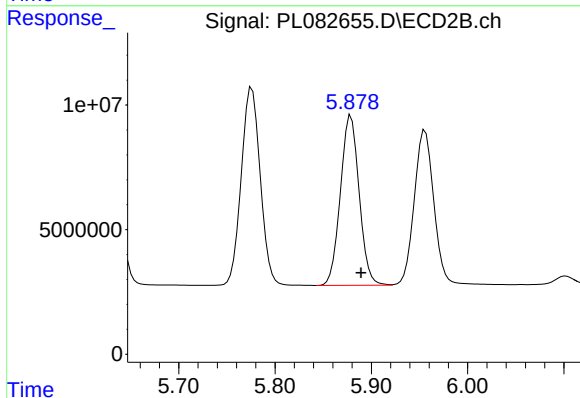
#17 4,4'-DDT

R.T.: 6.774 min  
Delta R.T.: -0.005 min  
Response: 97992404  
Conc: 42.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

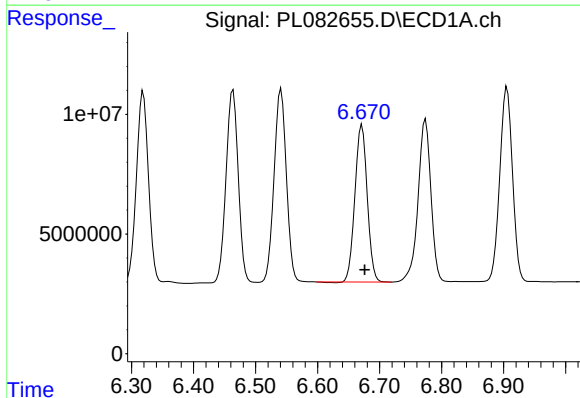
Manual Integrations  
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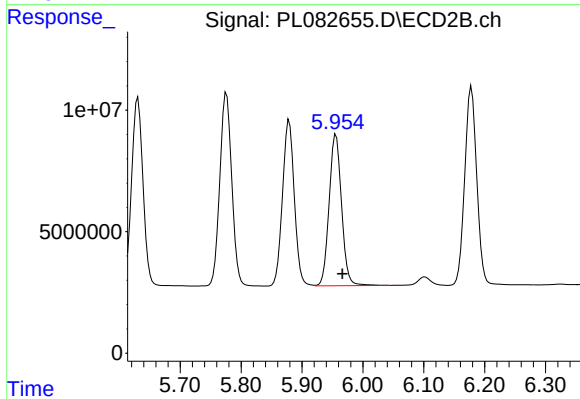
#17 4,4'-DDT

R.T.: 5.879 min  
Delta R.T.: -0.010 min  
Response: 91983892  
Conc: 43.54 ng/ml



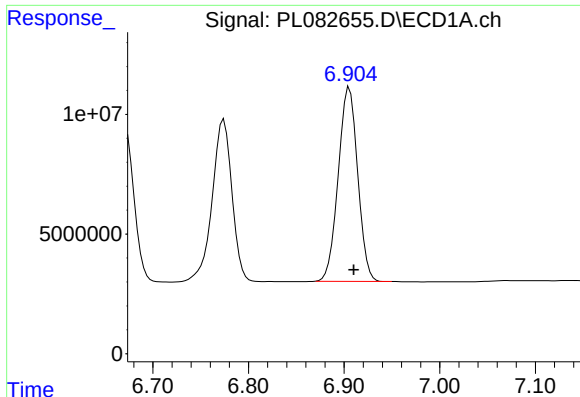
#18 Endrin aldehyde

R.T.: 6.672 min  
Delta R.T.: -0.005 min  
Response: 90445344  
Conc: 48.00 ng/ml



#18 Endrin aldehyde

R.T.: 5.956 min  
Delta R.T.: -0.011 min  
Response: 88288241  
Conc: 47.18 ng/ml



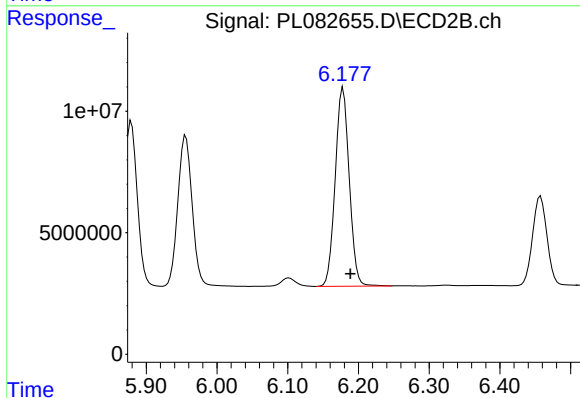
#19 Endosulfan Sulfate

R.T.: 6.906 min  
Delta R.T.: -0.005 min  
Response: 114803872  
Conc: 48.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

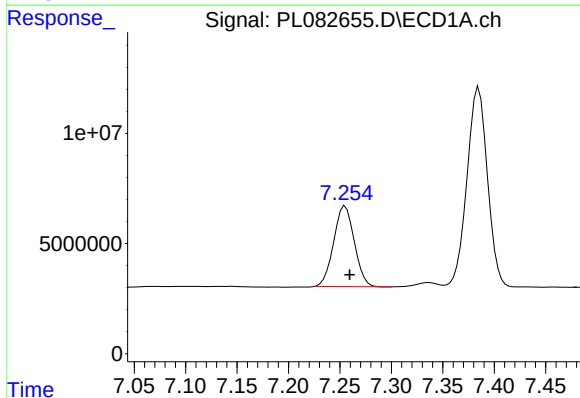
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Supervised By :Ankita Jodhani 05/16/2023



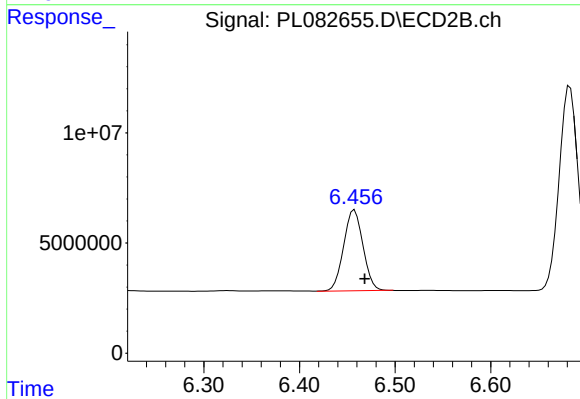
#19 Endosulfan Sulfate

R.T.: 6.178 min  
Delta R.T.: -0.010 min  
Response: 112425941  
Conc: 47.75 ng/ml



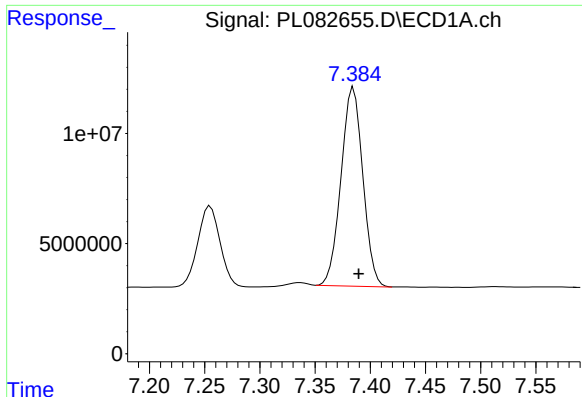
#20 Methoxychlor

R.T.: 7.255 min  
Delta R.T.: -0.005 min  
Response: 50897726  
Conc: 41.71 ng/ml



#20 Methoxychlor

R.T.: 6.456 min  
Delta R.T.: -0.012 min  
Response: 51853164  
Conc: 42.79 ng/ml m



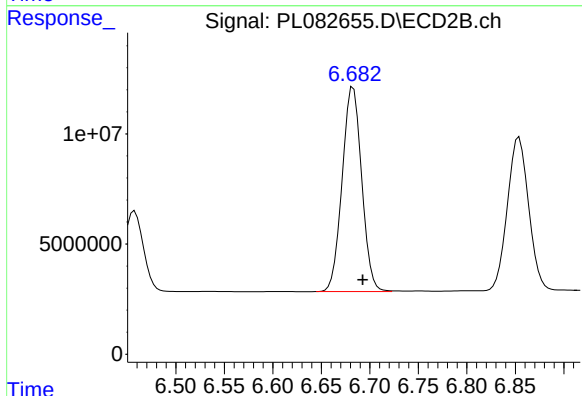
#21 Endrin ketone

R.T.: 7.384 min  
Delta R.T.: -0.006 min  
Response: 124220948  
Conc: 51.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

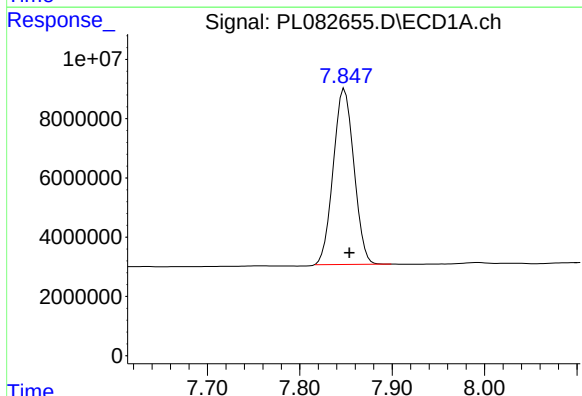
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/12/2023  
Supervised By :Ankita Jodhani 05/16/2023



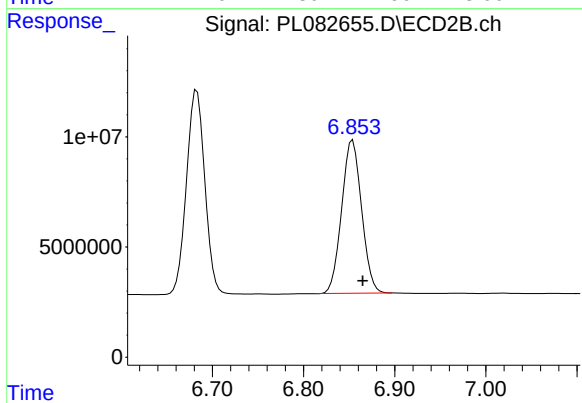
#21 Endrin ketone

R.T.: 6.681 min  
Delta R.T.: -0.011 min  
Response: 129937889  
Conc: 51.19 ng/ml m



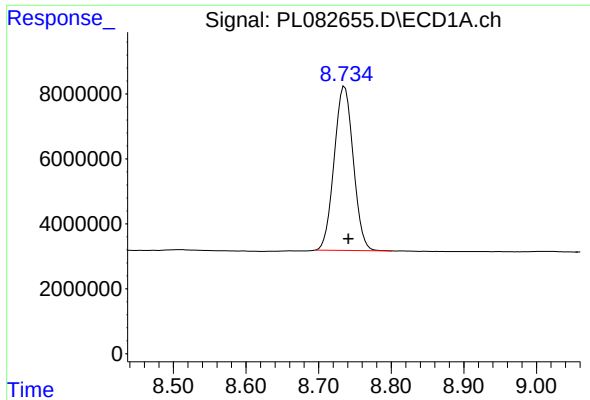
#22 Mirex

R.T.: 7.849 min  
Delta R.T.: -0.005 min  
Response: 92222912  
Conc: 47.14 ng/ml



#22 Mirex

R.T.: 6.853 min  
Delta R.T.: -0.012 min  
Response: 105645286  
Conc: 45.85 ng/ml m



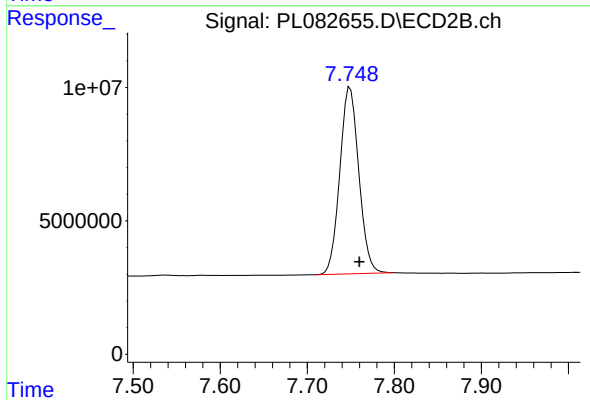
#28 Decachlorobiphenyl

R.T.: 8.736 min  
Delta R.T.: -0.005 min  
Response: 92345152  
Conc: 48.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/12/2023  
Supervised By :Ankita Jodhani 05/16/2023



#28 Decachlorobiphenyl

R.T.: 7.748 min  
Delta R.T.: -0.012 min  
Response: 106289502  
Conc: 46.57 ng/ml m