

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012723\  
 Data File : PL080561.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jan 2023 16:34  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 01/30/2023  
 Supervised By : Ankita Jodhani 01/30/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 27 23:40:13 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jan 22 23:56:48 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... | 3.351 | 2.689 | 111.3E6  | 111.4E6  | 51.888  | 50.704  |
| 28)                         | SA Decachlor... | 8.787 | 7.835 | 88253615 | 103.8E6  | 50.409  | 43.584  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.800 | 3.190 | 169.8E6  | 162.3E6  | 53.583  | 51.019  |
| 3)                          | MA gamma-BHC... | 4.128 | 3.518 | 157.3E6  | 151.2E6  | 53.515  | 50.625  |
| 4)                          | MA Heptachlor   | 4.712 | 3.859 | 148.9E6  | 150.9E6  | 50.394  | 47.417  |
| 5)                          | MB Aldrin       | 5.050 | 4.139 | 139.9E6  | 143.7E6  | 51.138  | 48.702  |
| 6)                          | B beta-BHC      | 4.324 | 3.814 | 69149941 | 67140079 | 50.658  | 50.306  |
| 7)                          | B delta-BHC     | 4.567 | 4.044 | 155.0E6  | 147.6E6  | 53.549  | 51.157  |
| 8)                          | B Heptachlo...  | 5.475 | 4.641 | 130.9E6  | 133.8E6  | 50.579  | 48.104  |
| 9)                          | A Endosulfan I  | 5.856 | 5.010 | 119.2E6  | 121.9E6  | 50.490  | 46.852  |
| 10)                         | B gamma-Chl...  | 5.729 | 4.890 | 129.7E6  | 135.7E6  | 51.360  | 47.877m |
| 11)                         | B alpha-Chl...  | 5.808 | 4.956 | 127.6E6  | 132.0E6  | 50.560  | 46.090  |
| 12)                         | B 4,4'-DDE      | 5.986 | 5.148 | 112.6E6  | 115.1E6  | 50.550  | 48.805  |
| 13)                         | MA Dieldrin     | 6.130 | 5.275 | 120.6E6  | 126.9E6  | 50.372  | 46.921  |
| 14)                         | MA Endrin       | 6.356 | 5.549 | 99267254 | 106.1E6  | 45.900m | 45.707  |
| 15)                         | B Endosulfa...  | 6.576 | 5.843 | 98399700 | 103.4E6  | 42.926  | 49.628  |
| 16)                         | A 4,4'-DDD      | 6.500 | 5.702 | 95391113 | 98708026 | 52.070  | 52.527  |
| 17)                         | MA 4,4'-DDT     | 6.813 | 5.954 | 89582478 | 91016107 | 43.117  | 43.310  |
| 18)                         | B Endrin al...  | 6.706 | 6.023 | 80228653 | 83182179 | 48.232  | 45.552  |
| 19)                         | B Endosulfa...  | 6.939 | 6.246 | 102.0E6  | 109.0E6  | 49.295  | 46.883  |
| 20)                         | A Methoxychlor  | 7.290 | 6.531 | 47328626 | 51345525 | 42.898  | 42.313  |
| 21)                         | B Endrin ke...  | 7.419 | 6.752 | 111.0E6  | 123.8E6  | 50.331  | 48.474  |
| 22)                         | Mirex           | 7.890 | 6.935 | 82815536 | 100.6E6  | 48.155  | 44.191  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012723\  
Data File : PL080561.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jan 2023 16:34  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

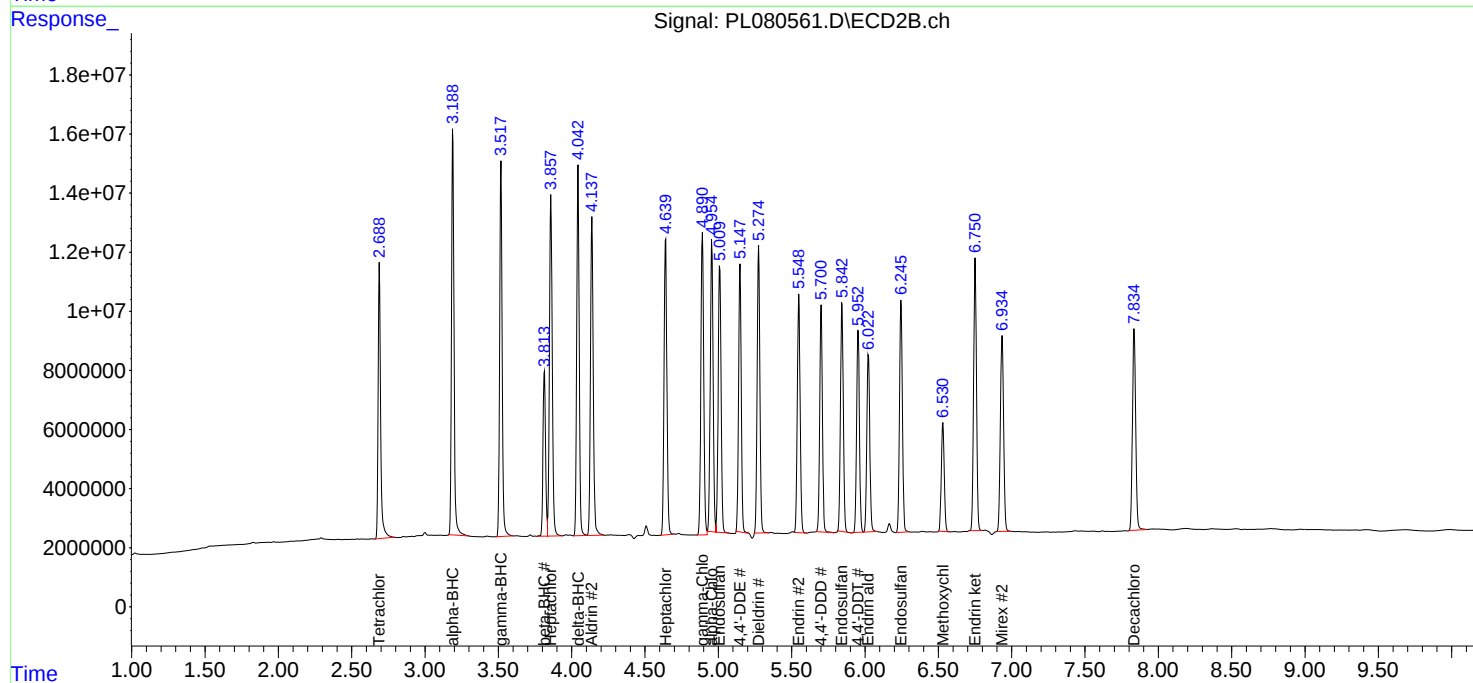
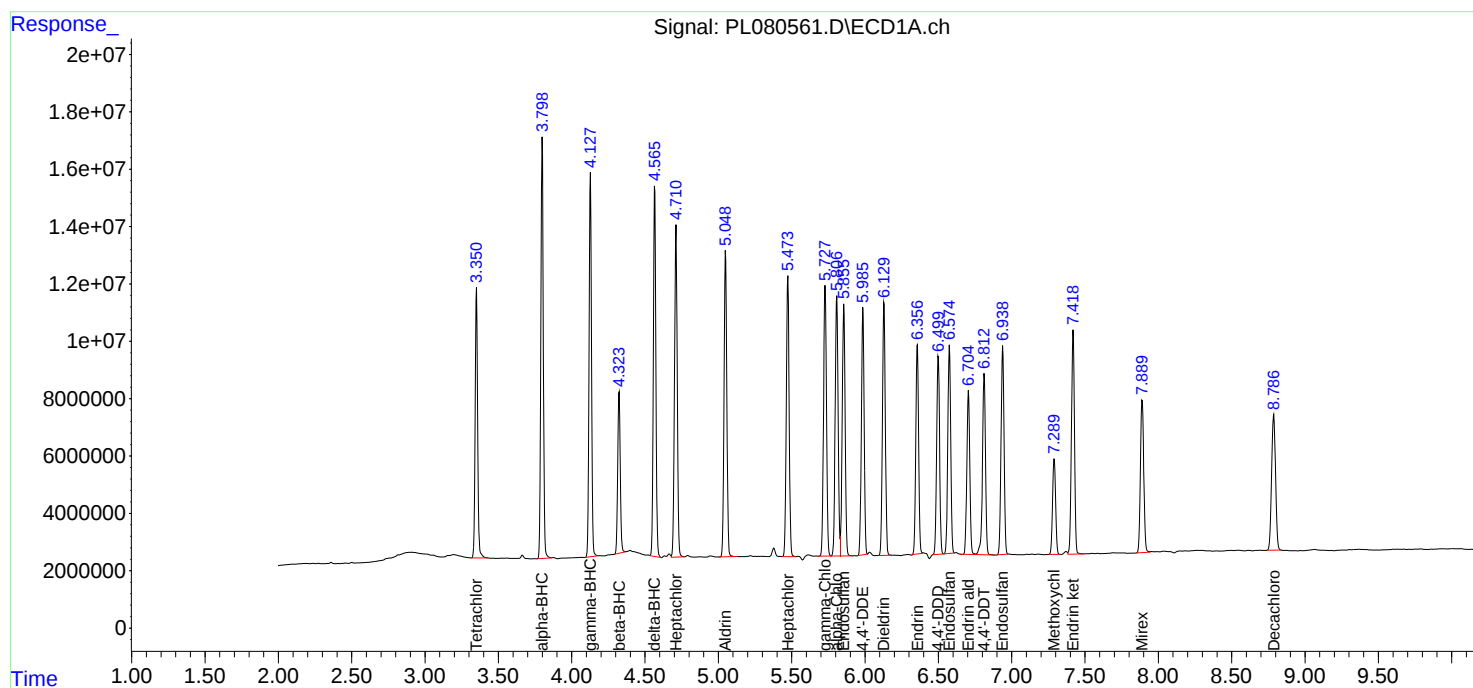
## Manual Integrations

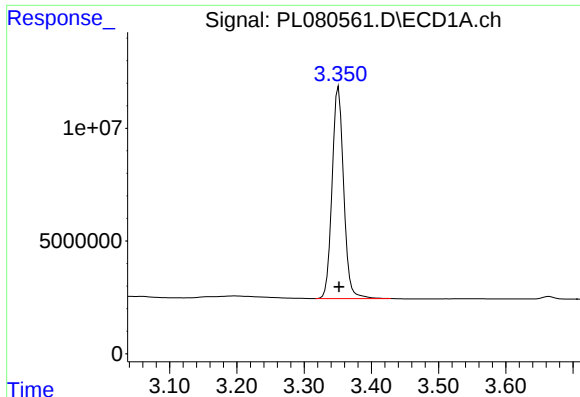
## APPROVED

Reviewed By :Abdul Mirza 01/30/2023  
Supervised By :Ankita Jodhani 01/30/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 27 23:40:13 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
Quant Title : GC Extractables  
QLast Update : Sun Jan 22 23:56:48 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





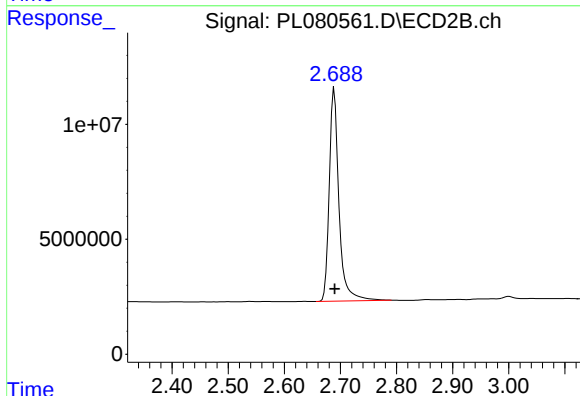
#1 Tetrachloro-m-xylene

R.T.: 3.351 min  
Delta R.T.: 0.000 min  
Response: 111290491  
Conc: 51.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

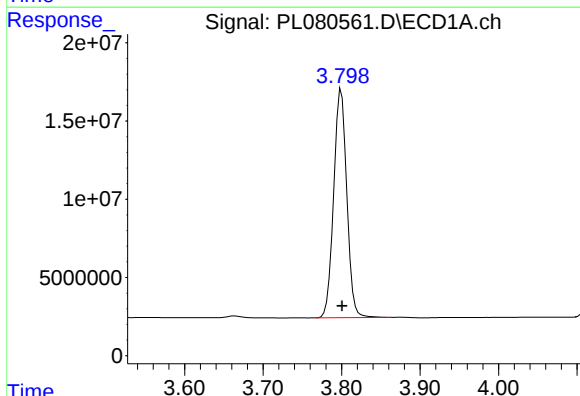
Manual Integrations  
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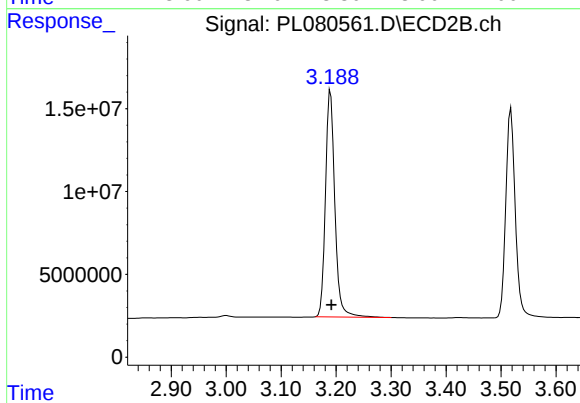
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.000 min  
Response: 111368729  
Conc: 50.70 ng/ml



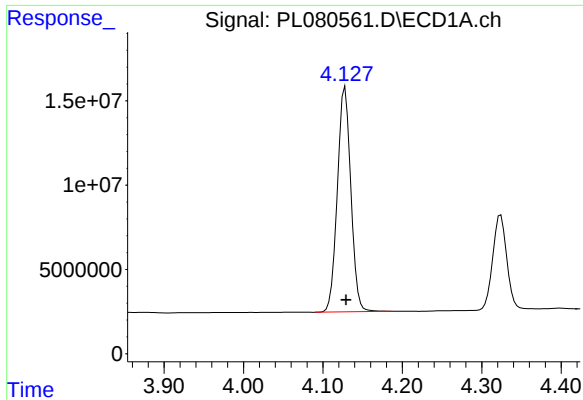
#2 alpha-BHC

R.T.: 3.800 min  
Delta R.T.: -0.001 min  
Response: 169752300  
Conc: 53.58 ng/ml



#2 alpha-BHC

R.T.: 3.190 min  
Delta R.T.: -0.002 min  
Response: 162260496  
Conc: 51.02 ng/ml



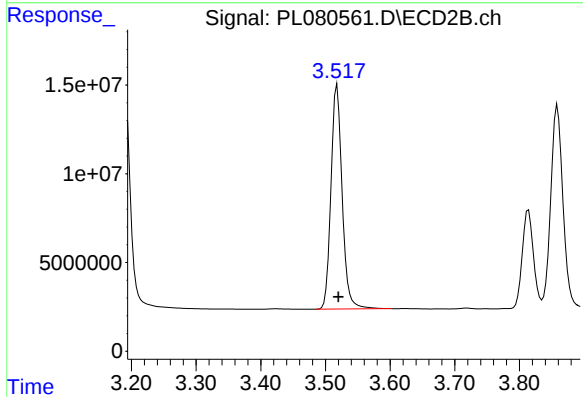
#3 gamma-BHC (Lindane)

R.T.: 4.128 min  
Delta R.T.: -0.001 min  
Response: 157321319  
Conc: 53.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

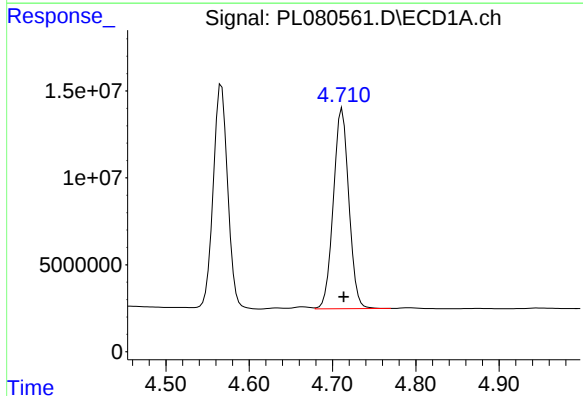
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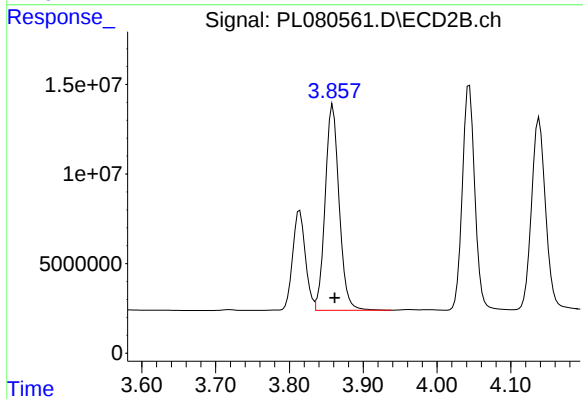
#3 gamma-BHC (Lindane)

R.T.: 3.518 min  
Delta R.T.: -0.002 min  
Response: 151232031  
Conc: 50.62 ng/ml



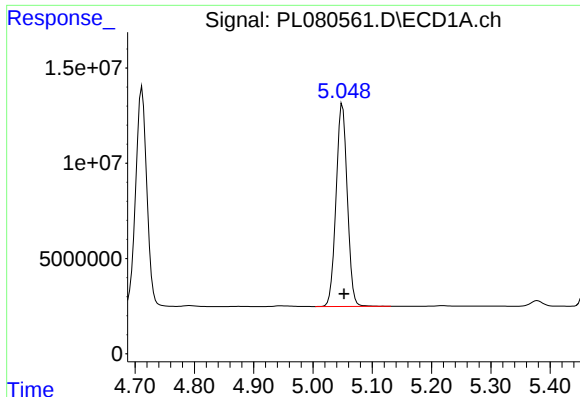
#4 Heptachlor

R.T.: 4.712 min  
Delta R.T.: -0.002 min  
Response: 148925142  
Conc: 50.39 ng/ml



#4 Heptachlor

R.T.: 3.859 min  
Delta R.T.: -0.003 min  
Response: 150898479  
Conc: 47.42 ng/ml



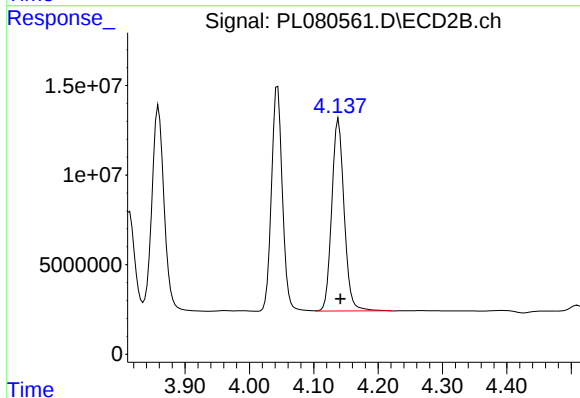
#5 Aldrin

R.T.: 5.050 min  
Delta R.T.: -0.003 min  
Response: 139902346  
Conc: 51.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

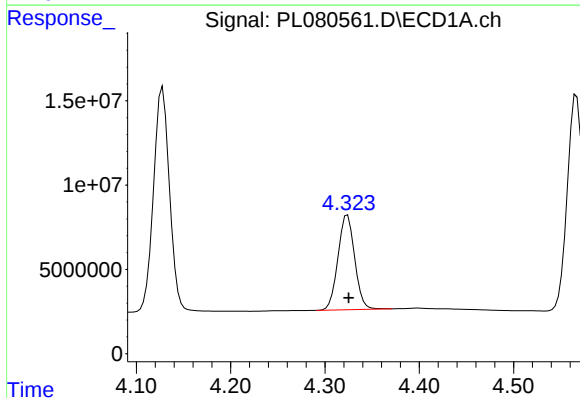
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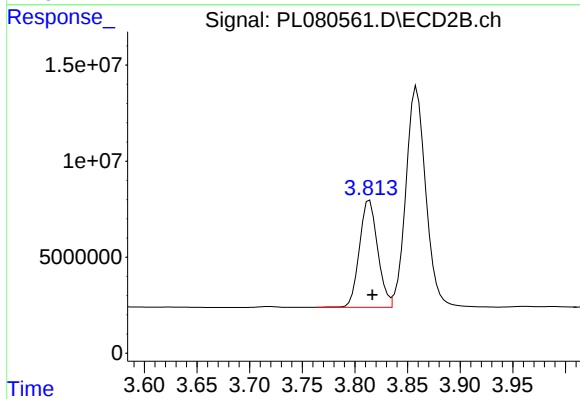
#5 Aldrin

R.T.: 4.139 min  
Delta R.T.: -0.003 min  
Response: 143651074  
Conc: 48.70 ng/ml



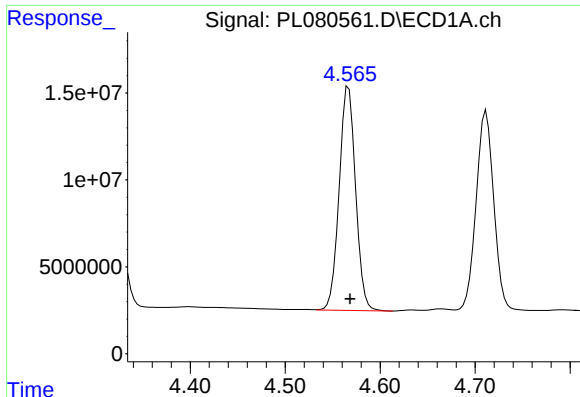
#6 beta-BHC

R.T.: 4.324 min  
Delta R.T.: -0.001 min  
Response: 69149941  
Conc: 50.66 ng/ml



#6 beta-BHC

R.T.: 3.814 min  
Delta R.T.: -0.002 min  
Response: 67140079  
Conc: 50.31 ng/ml



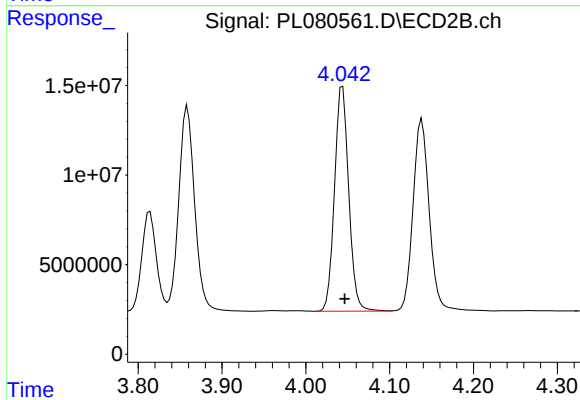
#7 delta-BHC

R.T.: 4.567 min  
Delta R.T.: -0.002 min  
Response: 155024514  
Conc: 53.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

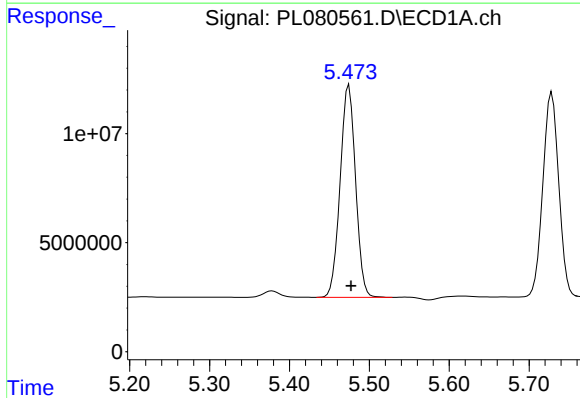
Manual Integrations  
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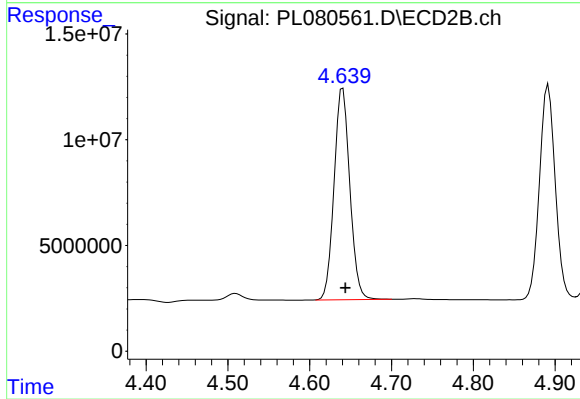
#7 delta-BHC

R.T.: 4.044 min  
Delta R.T.: -0.003 min  
Response: 147559822  
Conc: 51.16 ng/ml



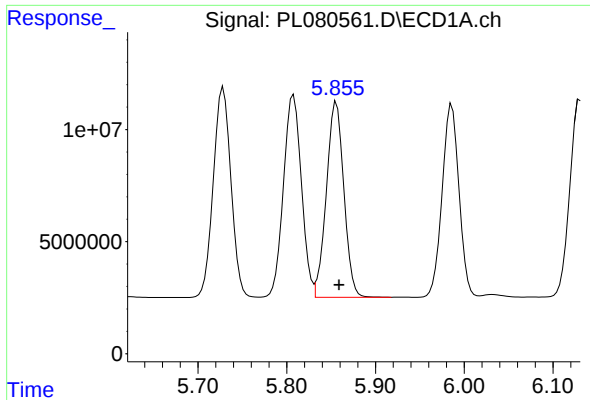
#8 Heptachlor epoxide

R.T.: 5.475 min  
Delta R.T.: -0.003 min  
Response: 130850602  
Conc: 50.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min  
Delta R.T.: -0.003 min  
Response: 133841015  
Conc: 48.10 ng/ml



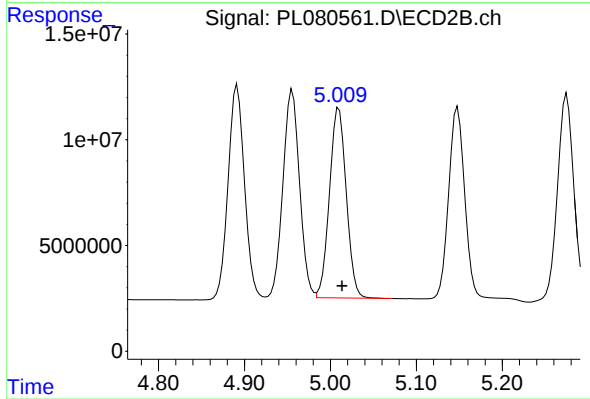
#9 Endosulfan I

R.T.: 5.856 min  
Delta R.T.: -0.003 min  
Response: 119230212  
Conc: 50.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

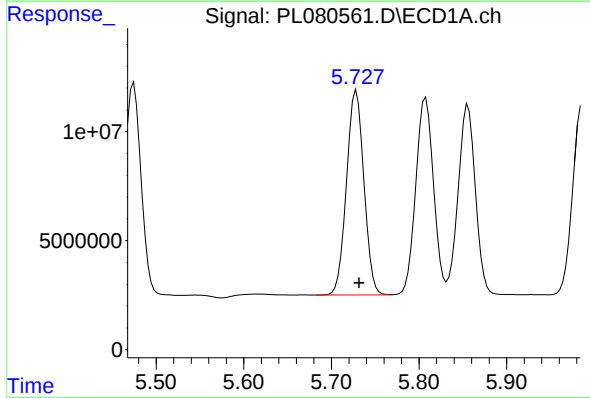
Manual Integrations  
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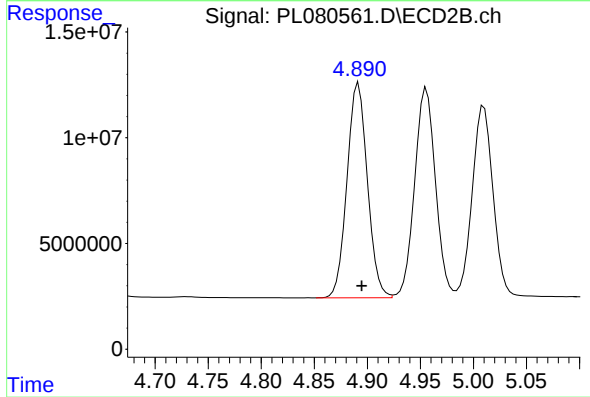
#9 Endosulfan I

R.T.: 5.010 min  
Delta R.T.: -0.004 min  
Response: 121876808  
Conc: 46.85 ng/ml



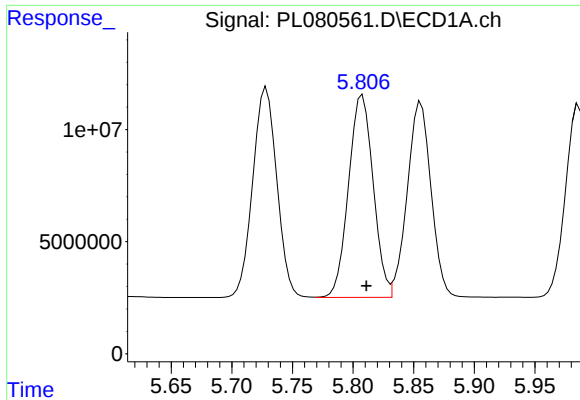
#10 gamma-Chlordane

R.T.: 5.729 min  
Delta R.T.: -0.003 min  
Response: 129721828  
Conc: 51.36 ng/ml



#10 gamma-Chlordane

R.T.: 4.890 min  
Delta R.T.: -0.004 min  
Response: 135693355  
Conc: 47.88 ng/ml m



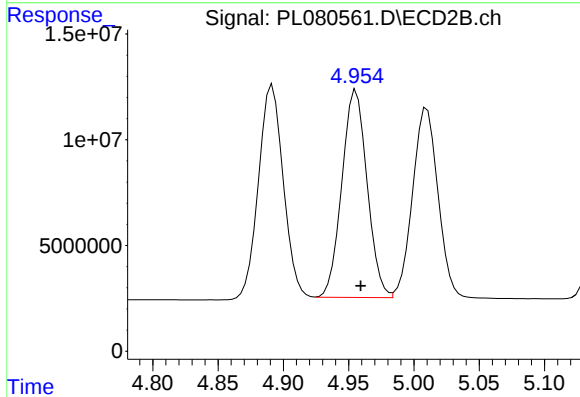
#11 alpha-Chlordane

R.T.: 5.808 min  
Delta R.T.: -0.003 min  
Response: 127627888  
Conc: 50.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

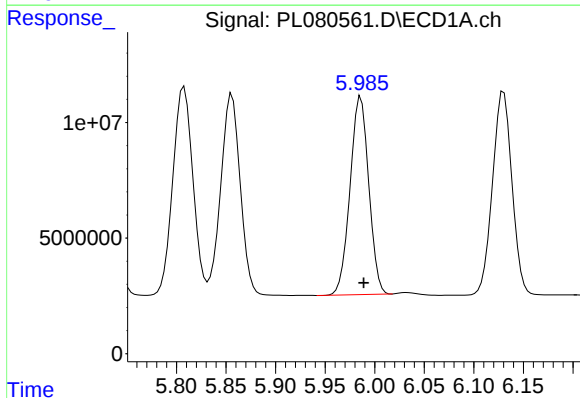
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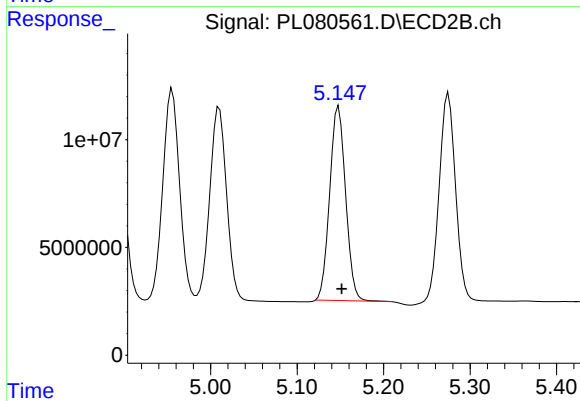
#11 alpha-Chlordane

R.T.: 4.956 min  
Delta R.T.: -0.003 min  
Response: 132032780  
Conc: 46.09 ng/ml



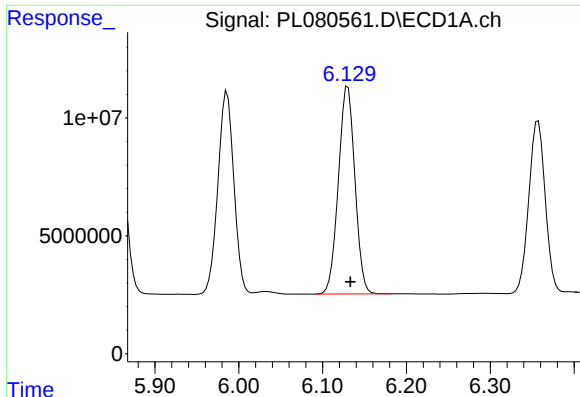
#12 4,4'-DDE

R.T.: 5.986 min  
Delta R.T.: -0.003 min  
Response: 112593346  
Conc: 50.55 ng/ml



#12 4,4'-DDE

R.T.: 5.148 min  
Delta R.T.: -0.004 min  
Response: 115122931  
Conc: 48.81 ng/ml



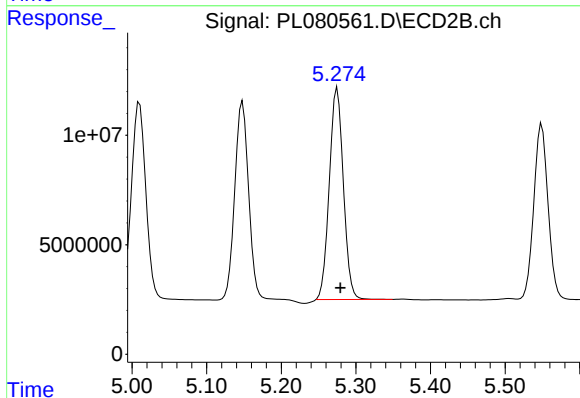
#13 Dieldrin

R.T.: 6.130 min  
Delta R.T.: -0.003 min  
Response: 120557375  
Conc: 50.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

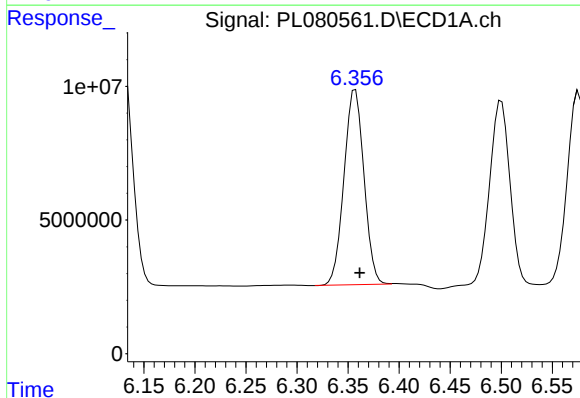
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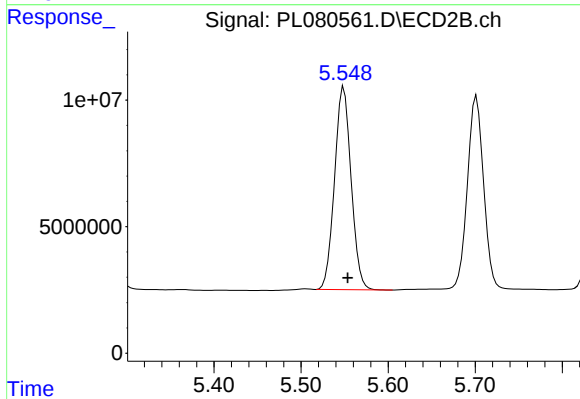
#13 Dieldrin

R.T.: 5.275 min  
Delta R.T.: -0.004 min  
Response: 126920486  
Conc: 46.92 ng/ml



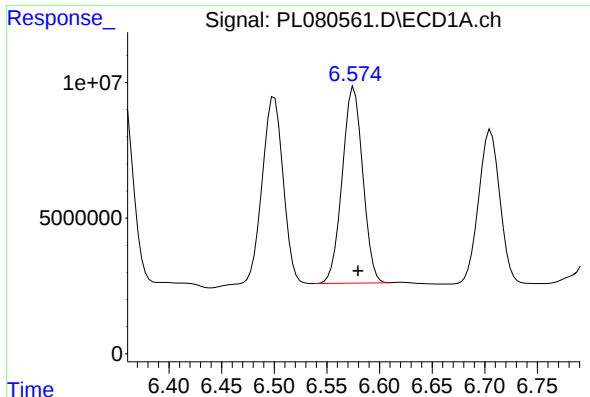
#14 Endrin

R.T.: 6.356 min  
Delta R.T.: -0.005 min  
Response: 99267254  
Conc: 45.90 ng/ml m



#14 Endrin

R.T.: 5.549 min  
Delta R.T.: -0.005 min  
Response: 106093278  
Conc: 45.71 ng/ml



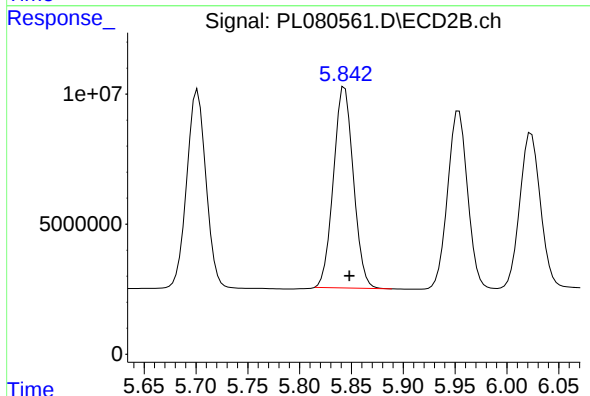
#15 Endosulfan II

R.T.: 6.576 min  
Delta R.T.: -0.004 min  
Response: 98399700  
Conc: 42.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

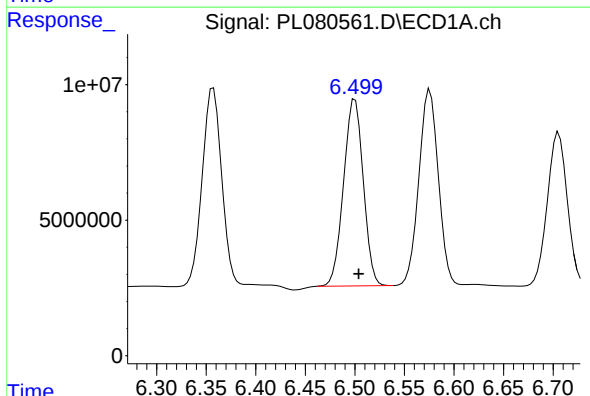
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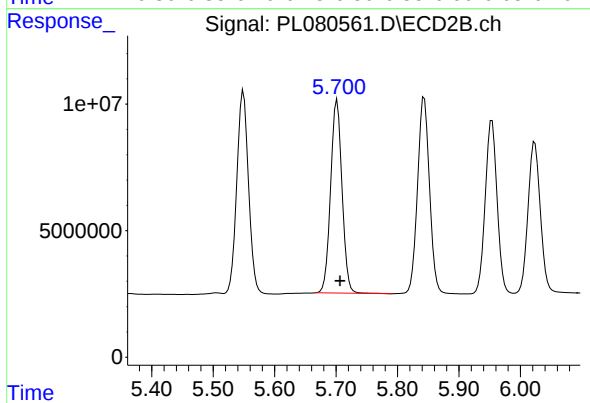
#15 Endosulfan II

R.T.: 5.843 min  
Delta R.T.: -0.004 min  
Response: 103411484  
Conc: 49.63 ng/ml



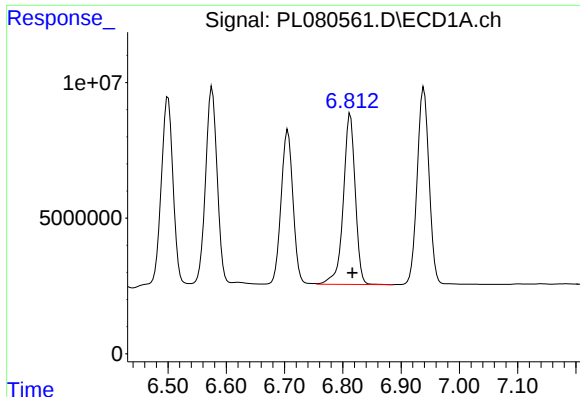
#16 4,4'-DDD

R.T.: 6.500 min  
Delta R.T.: -0.004 min  
Response: 95391113  
Conc: 52.07 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min  
Delta R.T.: -0.005 min  
Response: 98708026  
Conc: 52.53 ng/ml



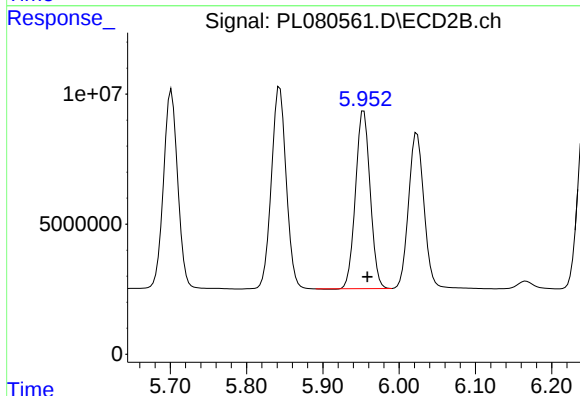
#17 4,4'-DDT

R.T.: 6.813 min  
Delta R.T.: -0.003 min  
Response: 89582478  
Conc: 43.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

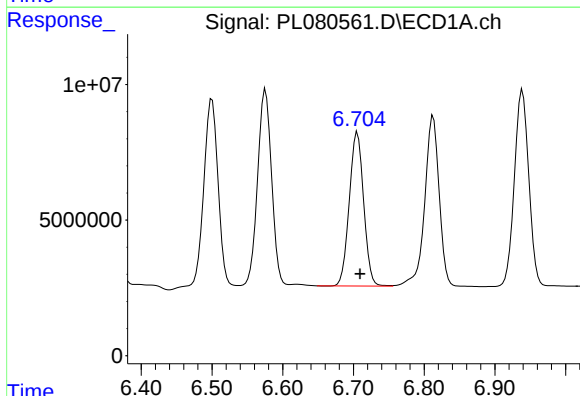
Manual Integrations  
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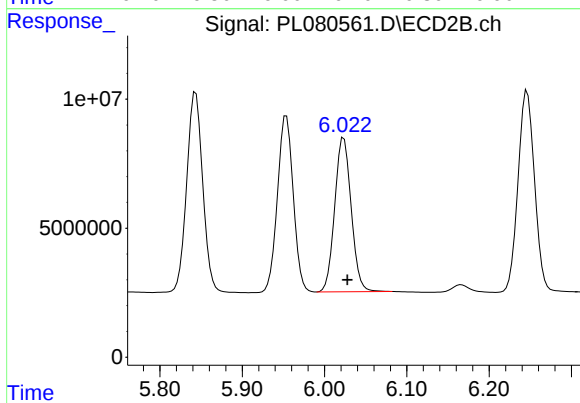
#17 4,4'-DDT

R.T.: 5.954 min  
Delta R.T.: -0.005 min  
Response: 91016107  
Conc: 43.31 ng/ml



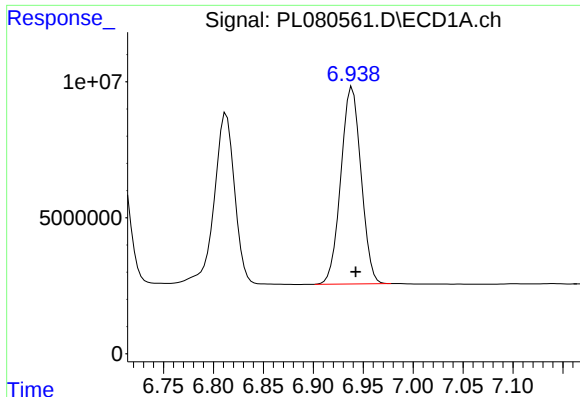
#18 Endrin aldehyde

R.T.: 6.706 min  
Delta R.T.: -0.004 min  
Response: 80228653  
Conc: 48.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min  
Delta R.T.: -0.004 min  
Response: 83182179  
Conc: 45.55 ng/ml



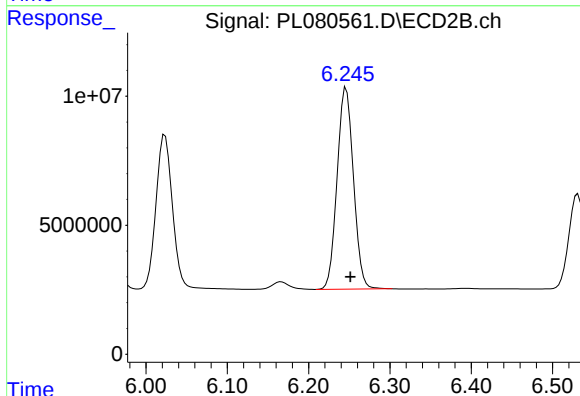
#19 Endosulfan Sulfate

R.T.: 6.939 min  
Delta R.T.: -0.004 min  
Response: 102036640  
Conc: 49.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

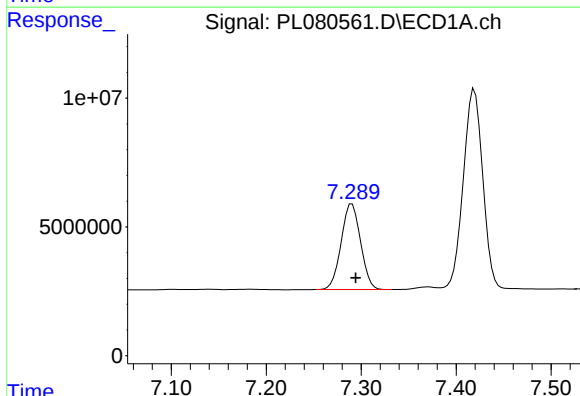
Manual Integrations  
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Reviewed By :Abdul Mirza 01/30/2023  
Supervised By :Ankita Jodhani 01/30/2023



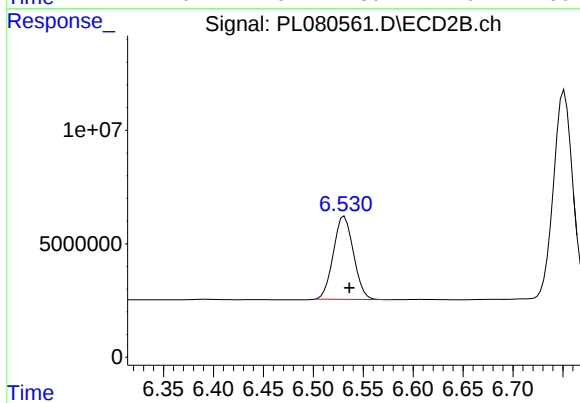
#19 Endosulfan Sulfate

R.T.: 6.246 min  
Delta R.T.: -0.005 min  
Response: 109033453  
Conc: 46.88 ng/ml



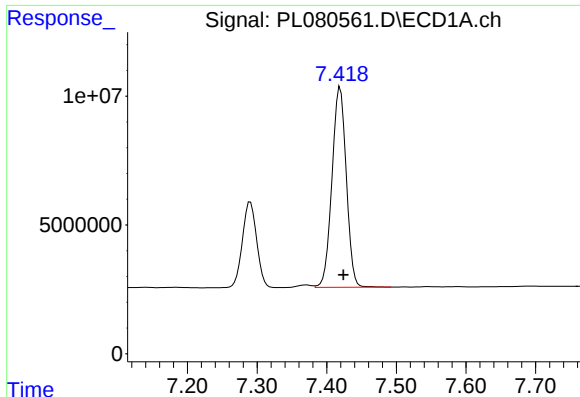
#20 Methoxychlor

R.T.: 7.290 min  
Delta R.T.: -0.004 min  
Response: 47328626  
Conc: 42.90 ng/ml



#20 Methoxychlor

R.T.: 6.531 min  
Delta R.T.: -0.005 min  
Response: 51345525  
Conc: 42.31 ng/ml



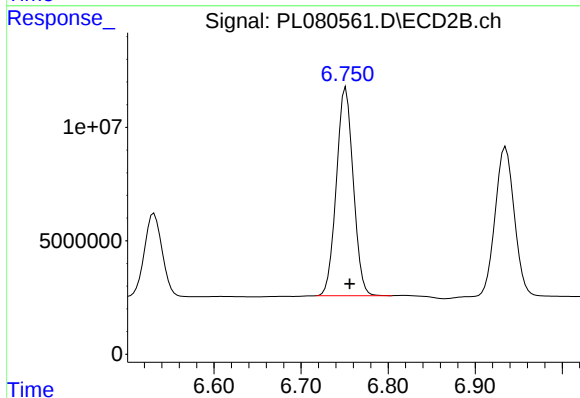
#21 Endrin ketone

R.T.: 7.419 min  
Delta R.T.: -0.004 min  
Response: 111047090  
Conc: 50.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

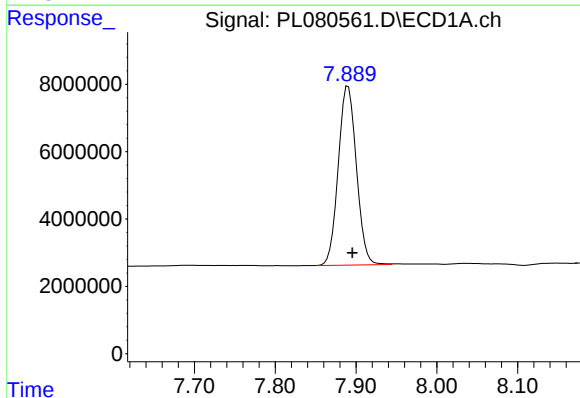
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/30/2023  
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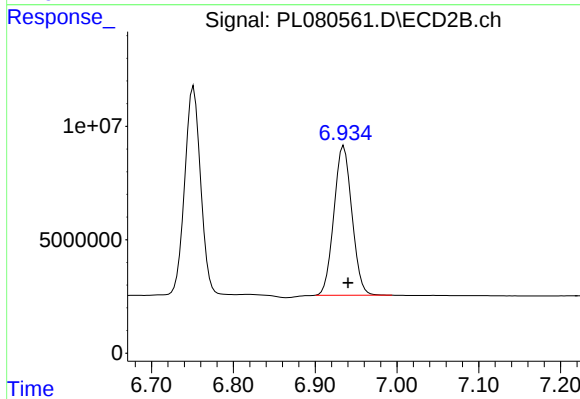
#21 Endrin ketone

R.T.: 6.752 min  
Delta R.T.: -0.004 min  
Response: 123764021  
Conc: 48.47 ng/ml



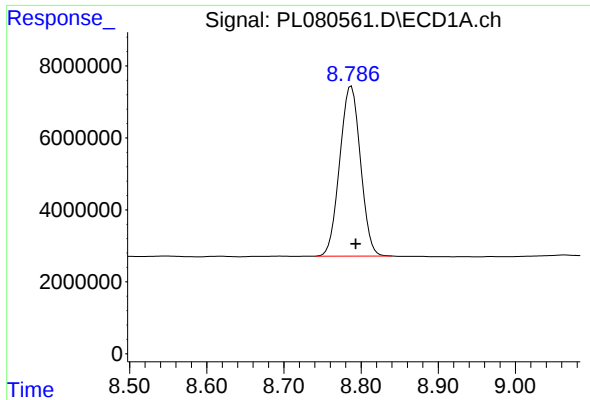
#22 Mirex

R.T.: 7.890 min  
Delta R.T.: -0.005 min  
Response: 82815536  
Conc: 48.15 ng/ml



#22 Mirex

R.T.: 6.935 min  
Delta R.T.: -0.005 min  
Response: 100610743  
Conc: 44.19 ng/ml



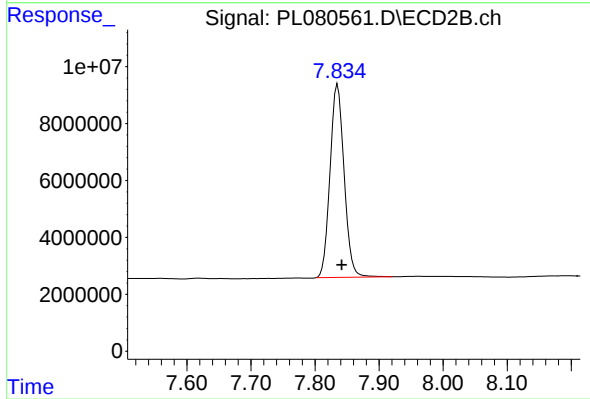
#28 Decachlorobiphenyl

R.T.: 8.787 min  
Delta R.T.: -0.006 min  
Response: 88253615  
Conc: 50.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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Supervised By :Ankita Jodhani 01/30/2023



#28 Decachlorobiphenyl

R.T.: 7.835 min  
Delta R.T.: -0.006 min  
Response: 103840006  
Conc: 43.58 ng/ml