

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL033123\  
 Data File : PL081810.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Mar 2023 12:16  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 04/03/2023  
 Supervised By :Ankita Jodhani 04/03/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 31 22:09:28 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 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...          | 3.328 | 2.657 | 112.4E6  | 96660897 | 48.343  | 48.424  |
| 28) SA Decachlor...         | 8.750 | 7.773 | 84277531 | 99156089 | 47.092  | 49.997  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.777 | 3.155 | 171.4E6  | 142.9E6  | 49.987  | 49.023  |
| 3) MA gamma-BHC...          | 4.106 | 3.483 | 157.9E6  | 135.4E6  | 49.717  | 48.616  |
| 4) MA Heptachlor            | 4.685 | 3.816 | 140.5E6  | 137.3E6  | 44.566  | 47.898  |
| 5) MB Aldrin                | 5.022 | 4.093 | 140.1E6  | 130.9E6  | 48.981  | 49.138  |
| 6) B beta-BHC               | 4.308 | 3.782 | 72639527 | 59022115 | 48.263  | 49.557  |
| 7) B delta-BHC              | 4.550 | 4.009 | 153.3E6  | 131.3E6  | 50.446  | 50.767  |
| 8) B Heptachlo...           | 5.448 | 4.595 | 131.2E6  | 123.7E6  | 48.246  | 50.927  |
| 9) A Endosulfan I           | 5.828 | 4.962 | 118.4E6  | 114.4E6  | 47.914  | 51.822  |
| 10) B gamma-Chl...          | 5.702 | 4.844 | 128.5E6  | 125.6E6  | 48.950  | 51.661  |
| 11) B alpha-Chl...          | 5.781 | 4.907 | 127.1E6  | 124.6E6  | 49.123  | 51.300  |
| 12) B 4,4'-DDE              | 5.958 | 5.097 | 111.4E6  | 106.4E6  | 49.437  | 54.010  |
| 13) MA Dieldrin             | 6.103 | 5.226 | 119.5E6  | 117.1E6  | 49.343  | 52.077  |
| 14) MA Endrin               | 6.330 | 5.501 | 100.6E6  | 103.0E6  | 47.570  | 50.892  |
| 15) B Endosulfa...          | 6.552 | 5.796 | 97026816 | 97277938 | 45.722  | 53.625m |
| 16) A 4,4'-DDD              | 6.474 | 5.652 | 89634827 | 87968721 | 49.701  | 57.968  |
| 17) MA 4,4'-DDT             | 6.785 | 5.901 | 85795535 | 83846052 | 42.271  | 48.655  |
| 18) B Endrin al...          | 6.682 | 5.978 | 77769477 | 79297289 | 47.533  | 51.061  |
| 19) B Endosulfa...          | 6.916 | 6.200 | 100.2E6  | 102.6E6  | 48.064  | 52.730  |
| 20) A Methoxychlor          | 7.266 | 6.480 | 46709319 | 48953143 | 43.374  | 49.148  |
| 21) B Endrin ke...          | 7.395 | 6.706 | 104.5E6  | 114.6E6  | 49.901  | 53.616  |
| 22) Mirex                   | 7.859 | 6.878 | 83182197 | 98078413 | 48.552m | 51.089  |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL033123\  
 Data File : PL081810.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Mar 2023 12:16  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

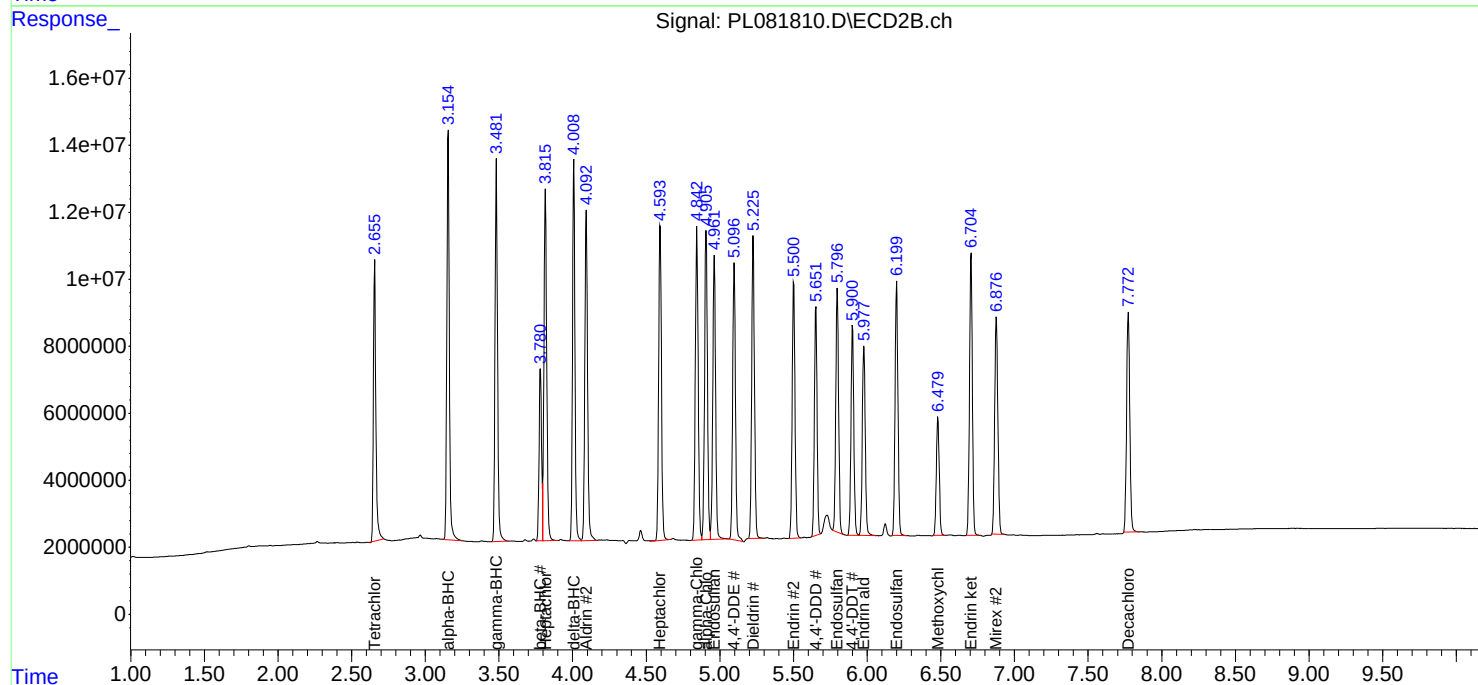
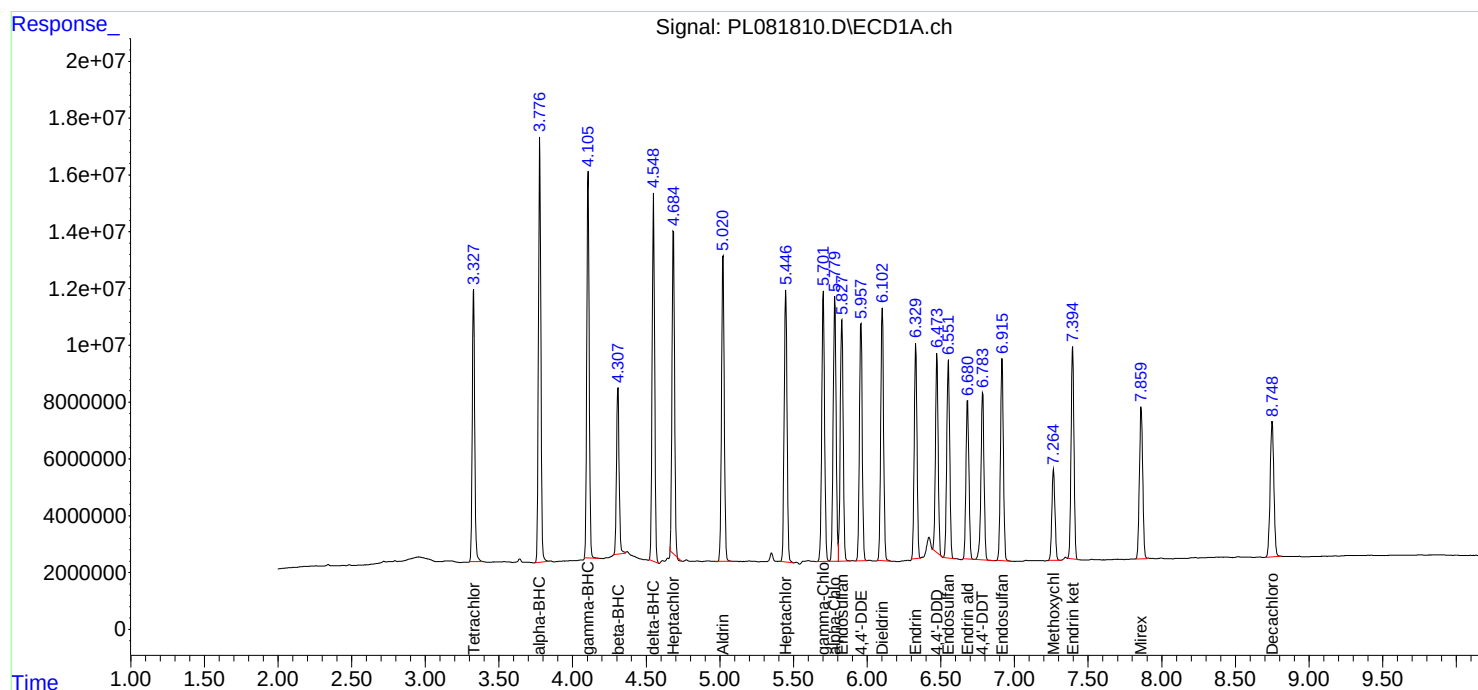
## APPROVED

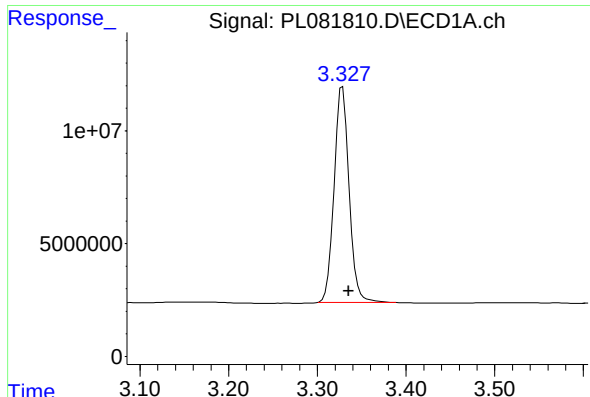
Reviewed By :Abdul Mirza 04/03/2023

Supervised By :Ankita Jodhani 04/03/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 31 22:09:28 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.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





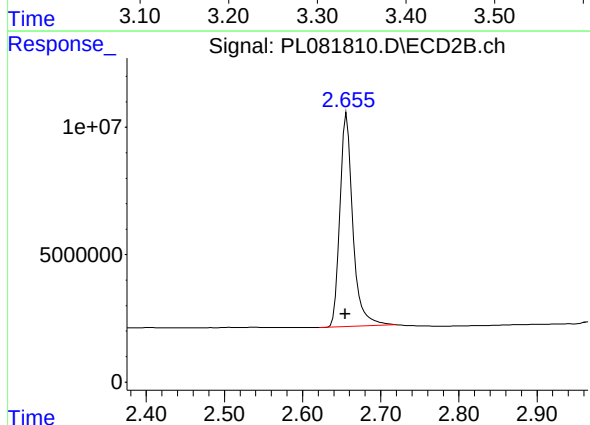
#1 Tetrachloro-m-xylene

R.T.: 3.328 min  
Delta R.T.: -0.007 min  
Response: 112439457  
Conc: 48.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

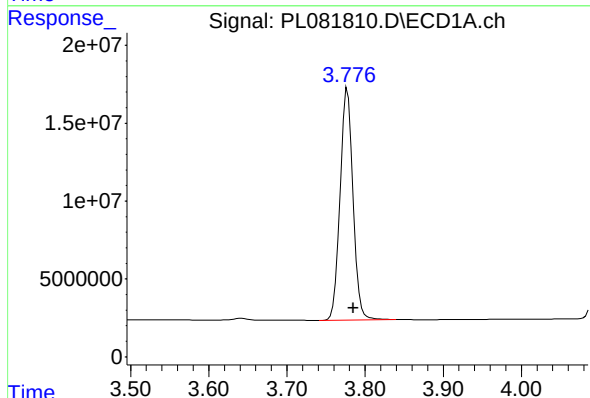
Manual Integrations  
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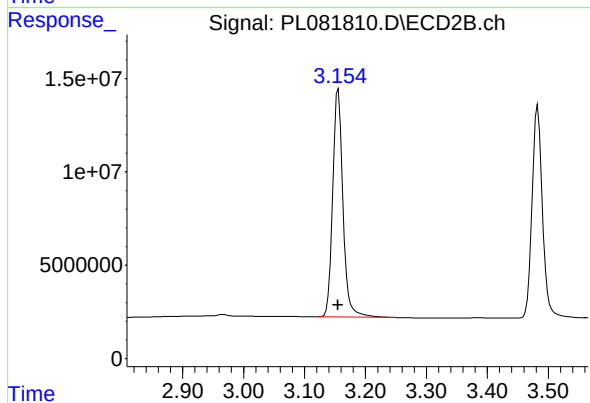
#1 Tetrachloro-m-xylene

R.T.: 2.657 min  
Delta R.T.: 0.002 min  
Response: 96660897  
Conc: 48.42 ng/ml



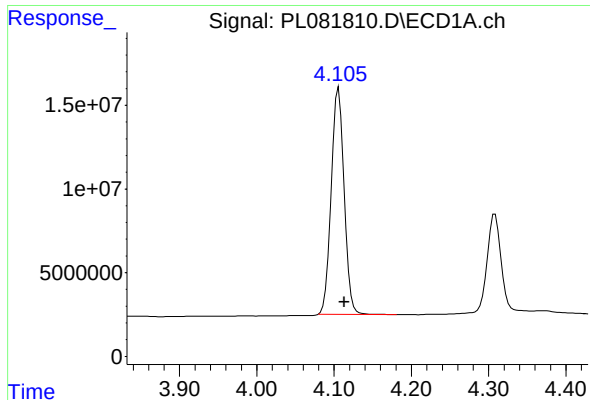
#2 alpha-BHC

R.T.: 3.777 min  
Delta R.T.: -0.007 min  
Response: 171376188  
Conc: 49.99 ng/ml



#2 alpha-BHC

R.T.: 3.155 min  
Delta R.T.: 0.000 min  
Response: 142901350  
Conc: 49.02 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.106 min  
Delta R.T.: -0.007 min  
Response: 157944125  
Conc: 49.72 ng/ml

Instrument :

ECD\_L

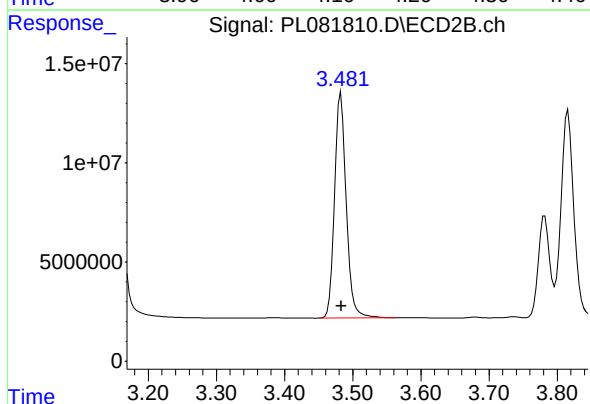
ClientSampleId :

PSTDCCC050

Manual Integrations

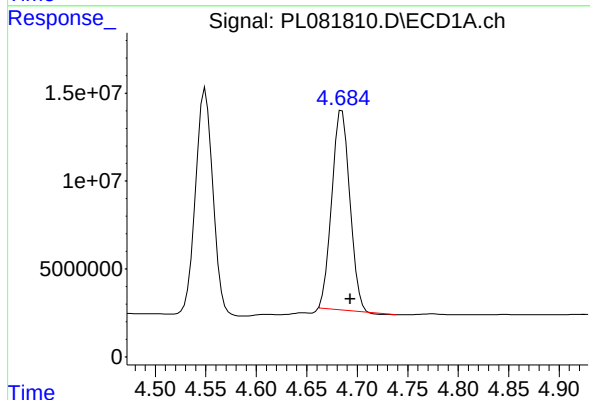
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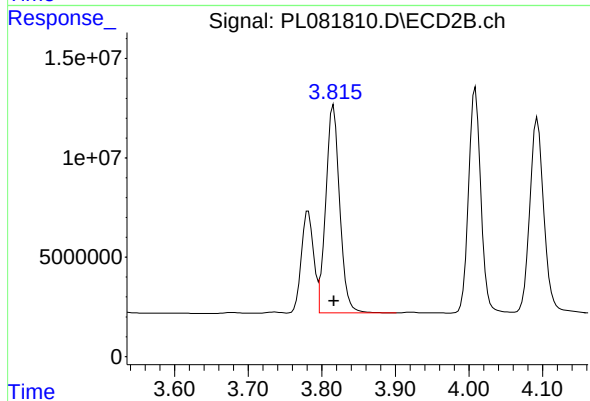
#3 gamma-BHC (Lindane)

R.T.: 3.483 min  
Delta R.T.: 0.000 min  
Response: 135357782  
Conc: 48.62 ng/ml



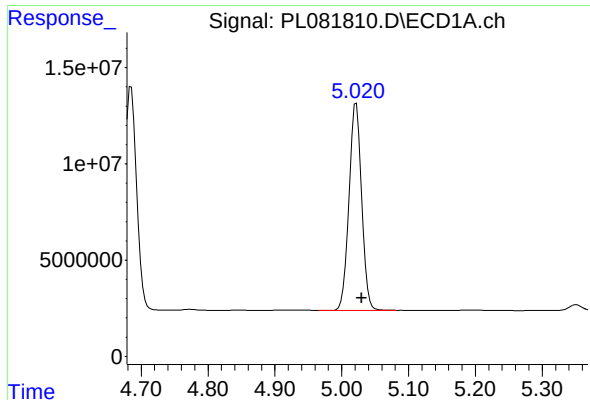
#4 Heptachlor

R.T.: 4.685 min  
Delta R.T.: -0.008 min  
Response: 140480198  
Conc: 44.57 ng/ml



#4 Heptachlor

R.T.: 3.816 min  
Delta R.T.: -0.001 min  
Response: 137322267  
Conc: 47.90 ng/ml



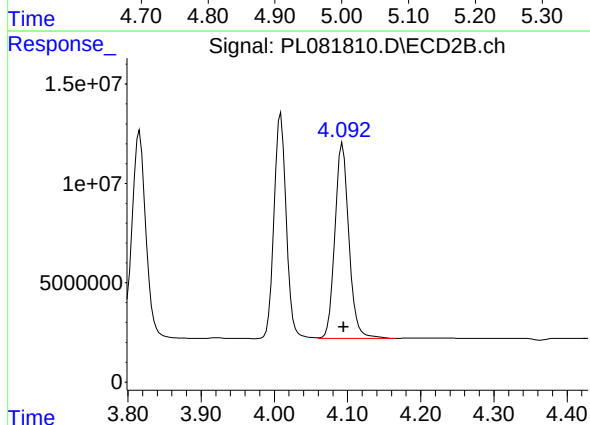
#5 Aldrin

R.T.: 5.022 min  
Delta R.T.: -0.008 min  
Response: 140098705  
Conc: 48.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

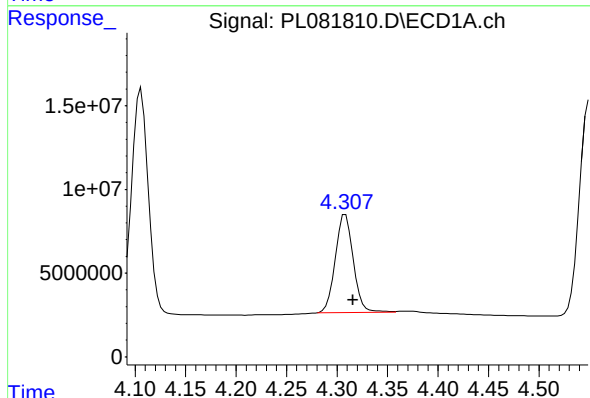
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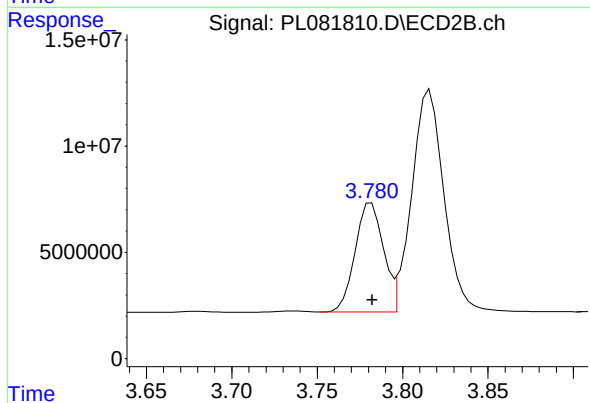
#5 Aldrin

R.T.: 4.093 min  
Delta R.T.: -0.002 min  
Response: 130927543  
Conc: 49.14 ng/ml



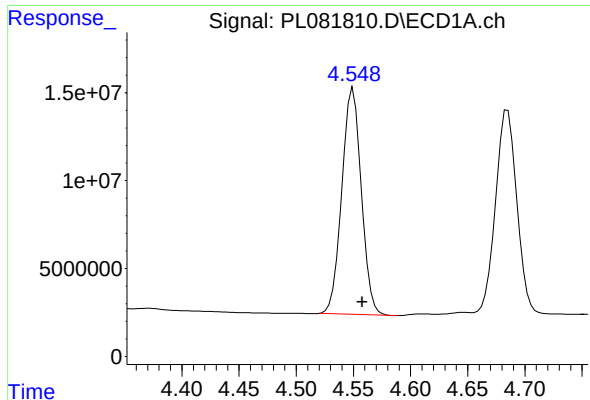
#6 beta-BHC

R.T.: 4.308 min  
Delta R.T.: -0.007 min  
Response: 72639527  
Conc: 48.26 ng/ml



#6 beta-BHC

R.T.: 3.782 min  
Delta R.T.: 0.000 min  
Response: 59022115  
Conc: 49.56 ng/ml



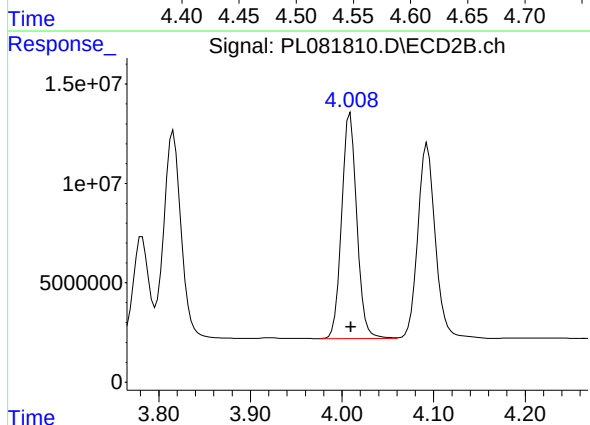
#7 delta-BHC

R.T.: 4.550 min  
Delta R.T.: -0.008 min  
Response: 153317660  
Conc: 50.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

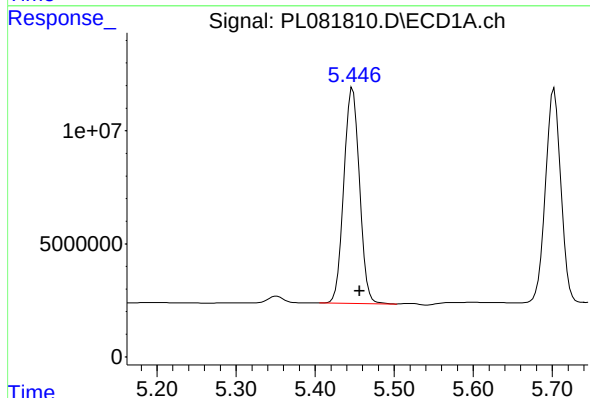
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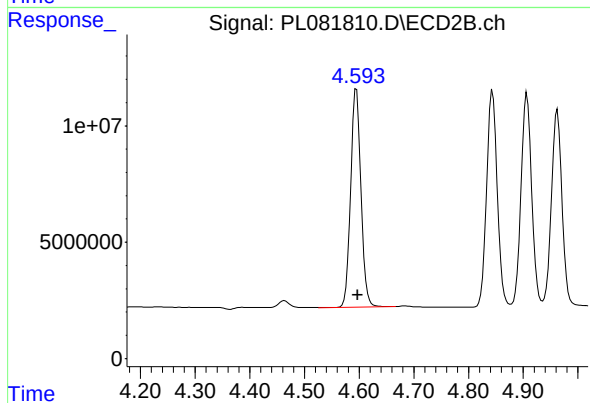
#7 delta-BHC

R.T.: 4.009 min  
Delta R.T.: 0.000 min  
Response: 131287443  
Conc: 50.77 ng/ml



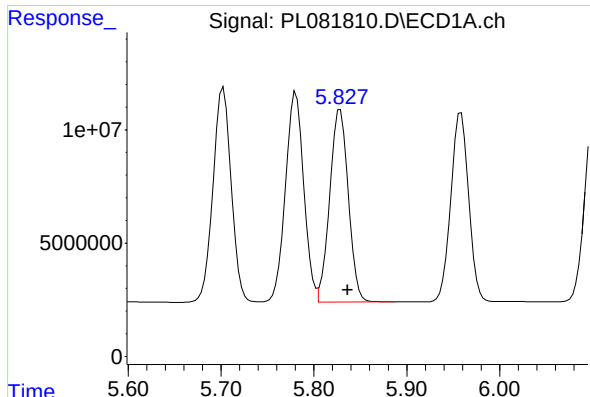
#8 Heptachlor epoxide

R.T.: 5.448 min  
Delta R.T.: -0.009 min  
Response: 131231258  
Conc: 48.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.595 min  
Delta R.T.: -0.003 min  
Response: 123688732  
Conc: 50.93 ng/ml



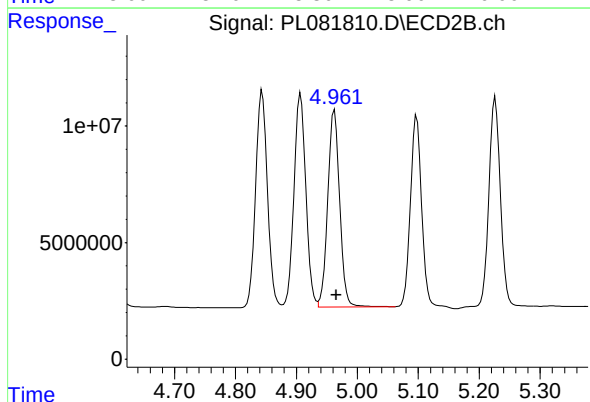
#9 Endosulfan I

R.T.: 5.828 min  
Delta R.T.: -0.008 min  
Response: 118386149  
Conc: 47.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

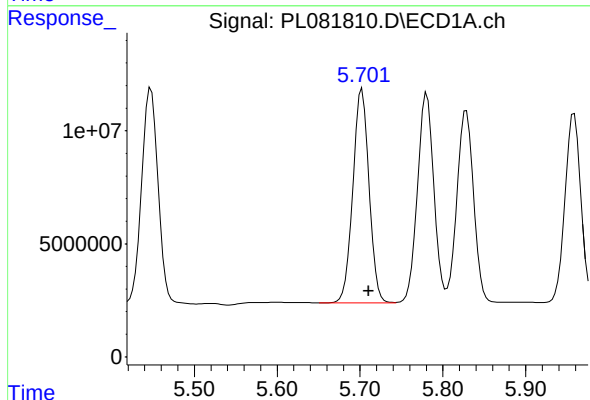
Manual Integrations  
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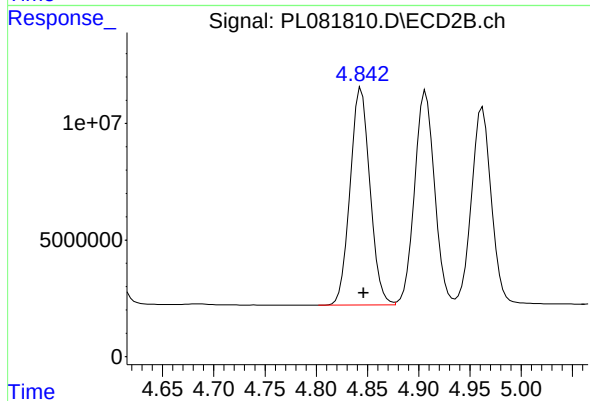
#9 Endosulfan I

R.T.: 4.962 min  
Delta R.T.: -0.003 min  
Response: 114407845  
Conc: 51.82 ng/ml



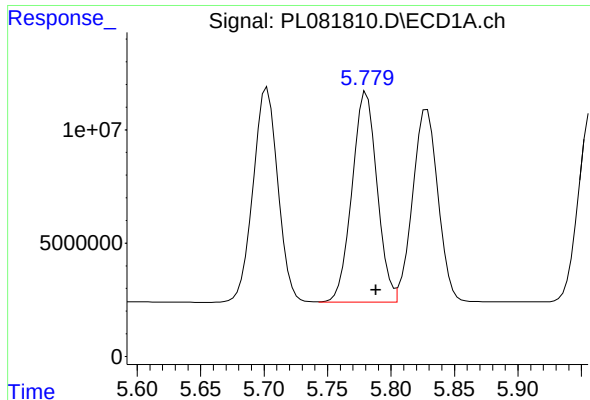
#10 gamma-Chlordane

R.T.: 5.702 min  
Delta R.T.: -0.008 min  
Response: 128504903  
Conc: 48.95 ng/ml



#10 gamma-Chlordane

R.T.: 4.844 min  
Delta R.T.: -0.002 min  
Response: 125556487  
Conc: 51.66 ng/ml



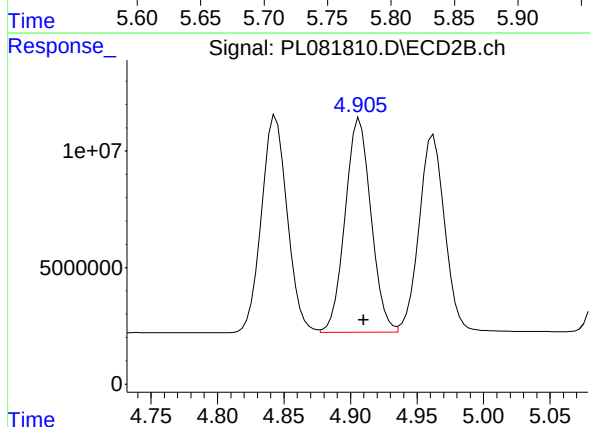
#11 alpha-Chlordane

R.T.: 5.781 min  
Delta R.T.: -0.007 min  
Response: 127149651  
Conc: 49.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

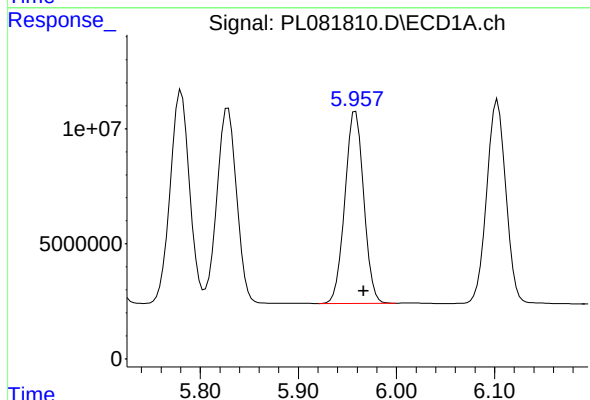
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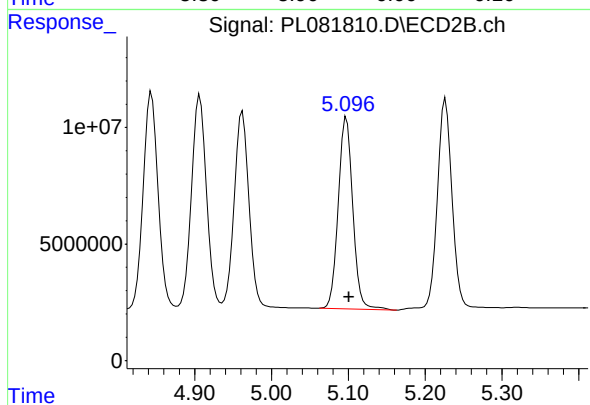
#11 alpha-Chlordane

R.T.: 4.907 min  
Delta R.T.: -0.003 min  
Response: 124605422  
Conc: 51.30 ng/ml



#12 4,4'-DDE

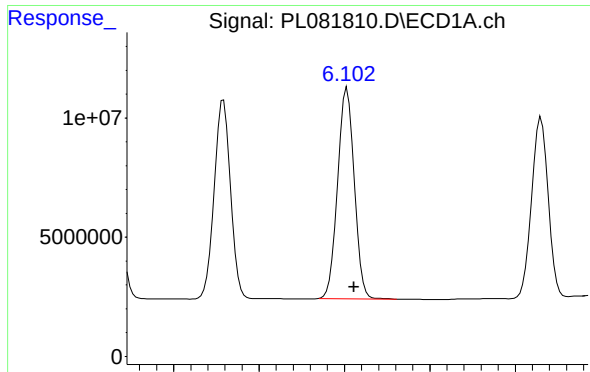
R.T.: 5.958 min  
Delta R.T.: -0.008 min  
Response: 111412326  
Conc: 49.44 ng/ml



#12 4,4'-DDE

R.T.: 5.097 min  
Delta R.T.: -0.003 min  
Response: 106388747  
Conc: 54.01 ng/ml





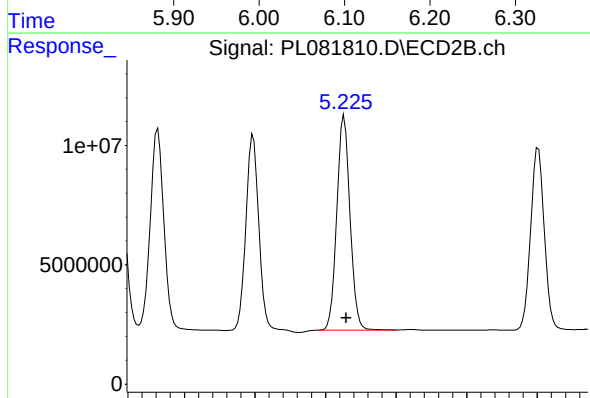
#13 Dieldrin

R.T.: 6.103 min  
Delta R.T.: -0.008 min  
Response: 119457638  
Conc: 49.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

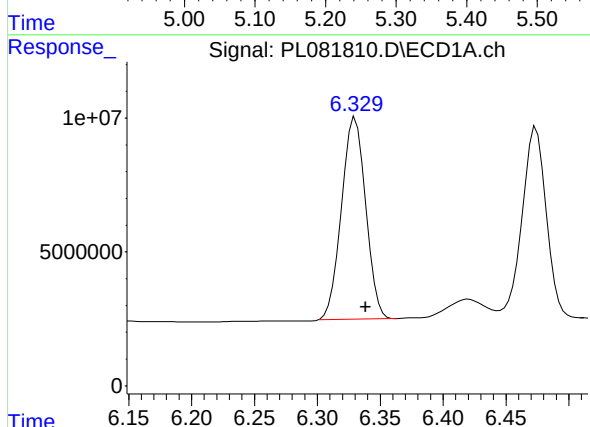
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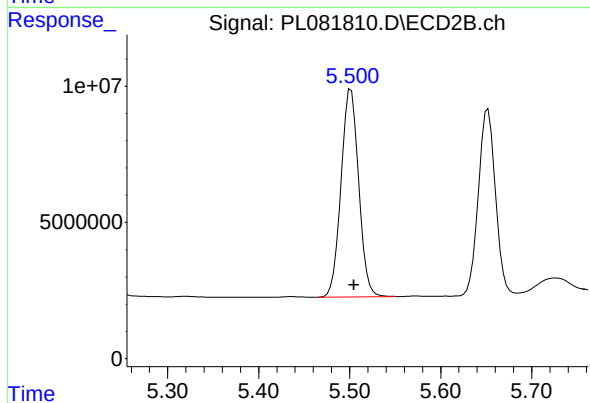
#13 Dieldrin

R.T.: 5.226 min  
Delta R.T.: -0.003 min  
Response: 117143832  
Conc: 52.08 ng/ml



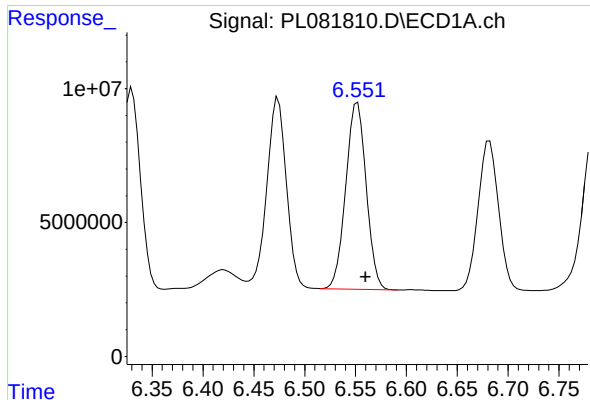
#14 Endrin

R.T.: 6.330 min  
Delta R.T.: -0.008 min  
Response: 100622186  
Conc: 47.57 ng/ml



#14 Endrin

R.T.: 5.501 min  
Delta R.T.: -0.003 min  
Response: 102990121  
Conc: 50.89 ng/ml



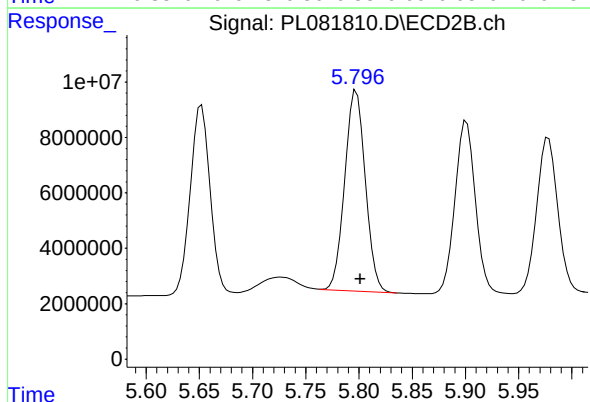
#15 Endosulfan II

R.T.: 6.552 min  
Delta R.T.: -0.008 min  
Response: 97026816  
Conc: 45.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

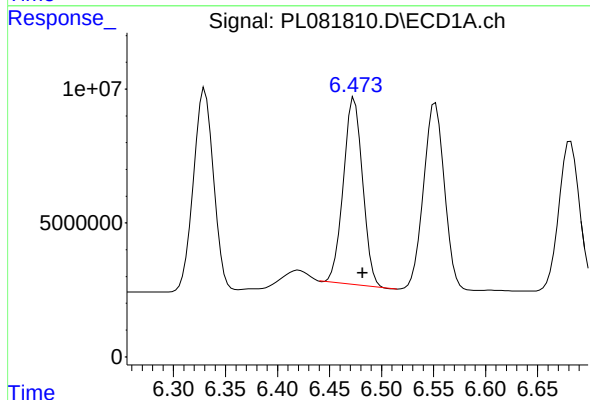
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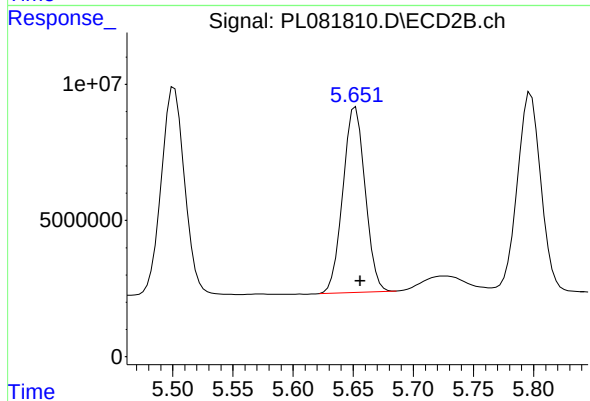
#15 Endosulfan II

R.T.: 5.796 min  
Delta R.T.: -0.005 min  
Response: 97277938  
Conc: 53.62 ng/ml



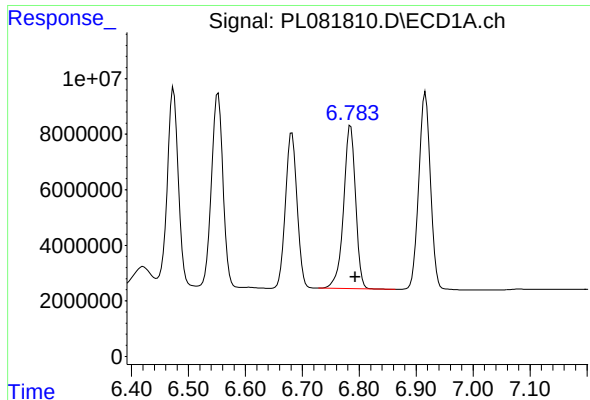
#16 4,4'-DDD

R.T.: 6.474 min  
Delta R.T.: -0.008 min  
Response: 89634827  
Conc: 49.70 ng/ml



#16 4,4'-DDD

R.T.: 5.652 min  
Delta R.T.: -0.004 min  
Response: 87968721  
Conc: 57.97 ng/ml



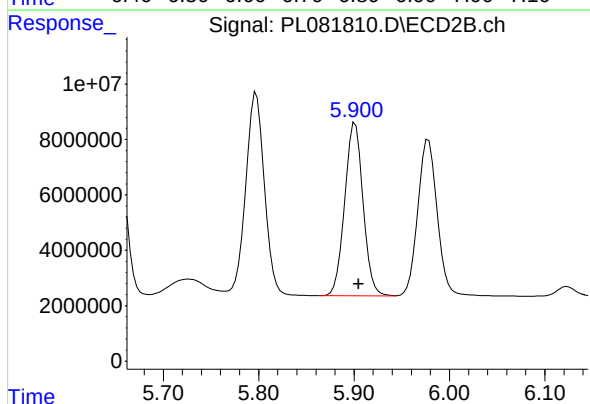
#17 4,4'-DDT

R.T.: 6.785 min  
Delta R.T.: -0.008 min  
Response: 85795535  
Conc: 42.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

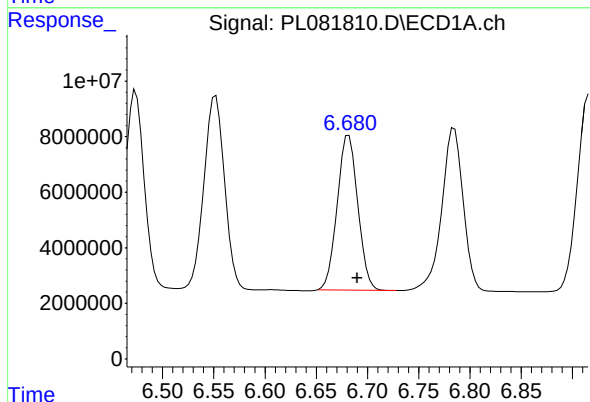
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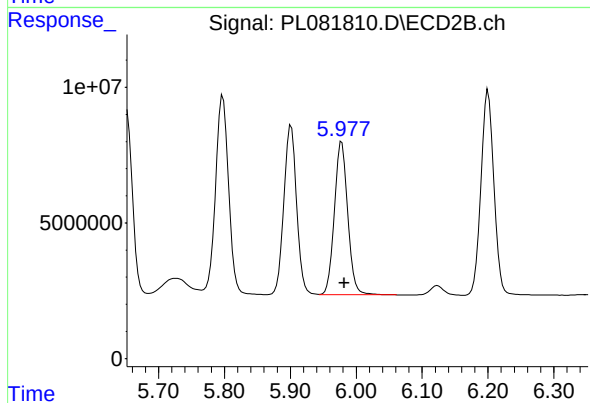
#17 4,4'-DDT

R.T.: 5.901 min  
Delta R.T.: -0.004 min  
Response: 83846052  
Conc: 48.66 ng/ml



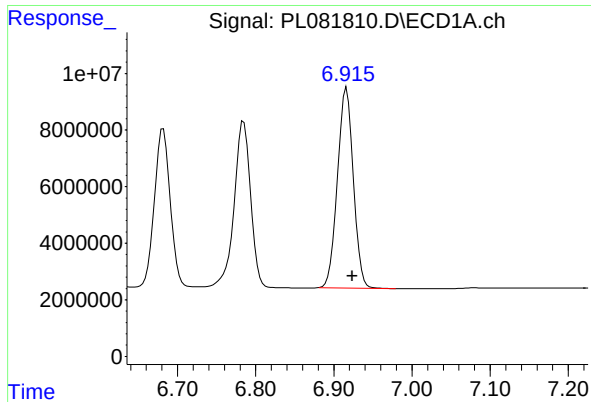
#18 Endrin aldehyde

R.T.: 6.682 min  
Delta R.T.: -0.008 min  
Response: 77769477  
Conc: 47.53 ng/ml



#18 Endrin aldehyde

R.T.: 5.978 min  
Delta R.T.: -0.004 min  
Response: 79297289  
Conc: 51.06 ng/ml



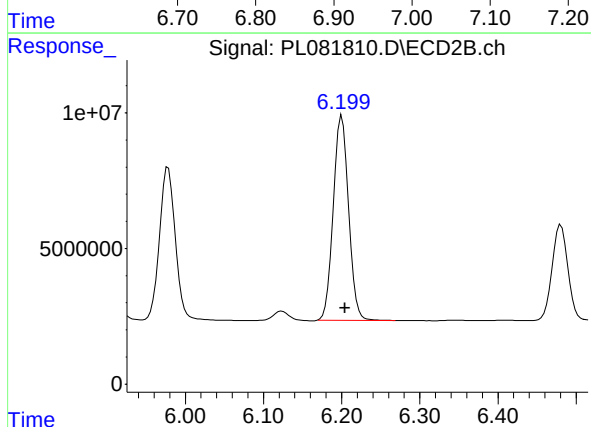
#19 Endosulfan Sulfate

R.T.: 6.916 min  
Delta R.T.: -0.007 min  
Response: 100168266  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

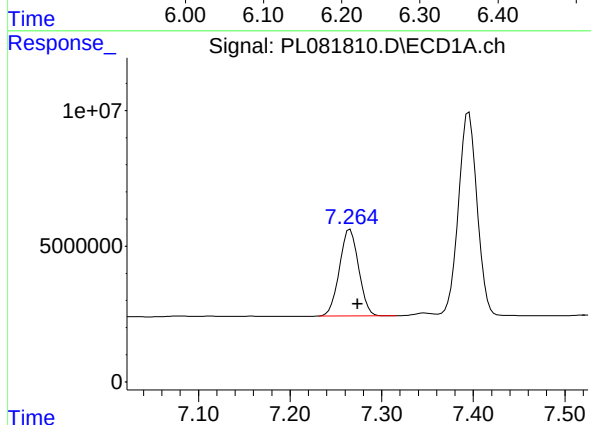
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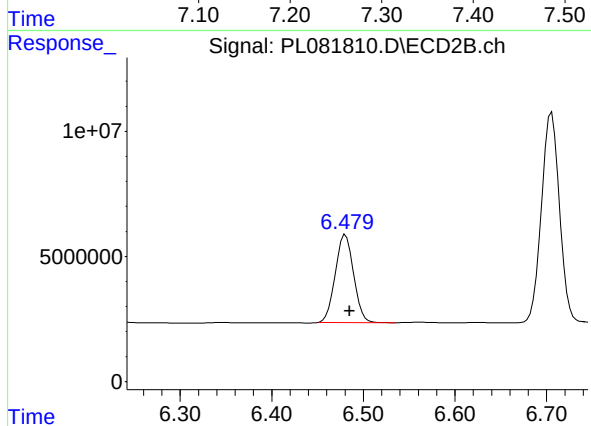
#19 Endosulfan Sulfate

R.T.: 6.200 min  
Delta R.T.: -0.004 min  
Response: 102596000  
Conc: 52.73 ng/ml



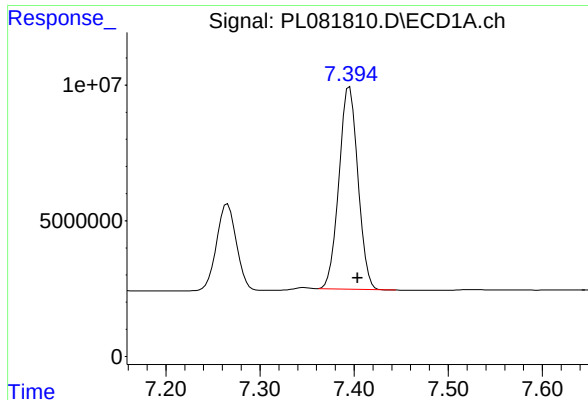
#20 Methoxychlor

R.T.: 7.266 min  
Delta R.T.: -0.008 min  
Response: 46709319  
Conc: 43.37 ng/ml



#20 Methoxychlor

R.T.: 6.480 min  
Delta R.T.: -0.005 min  
Response: 48953143  
Conc: 49.15 ng/ml



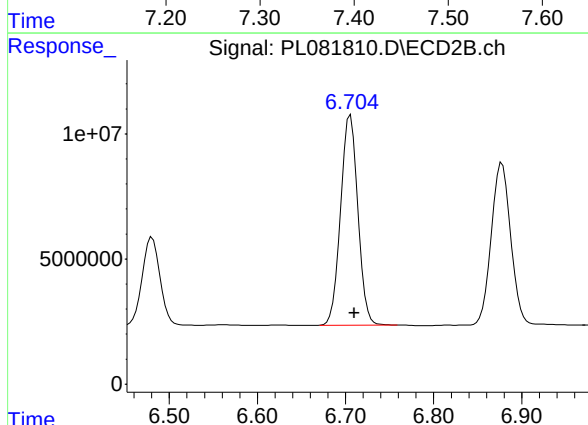
#21 Endrin ketone

R.T.: 7.395 min  
Delta R.T.: -0.009 min  
Response: 104526057  
Conc: 49.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

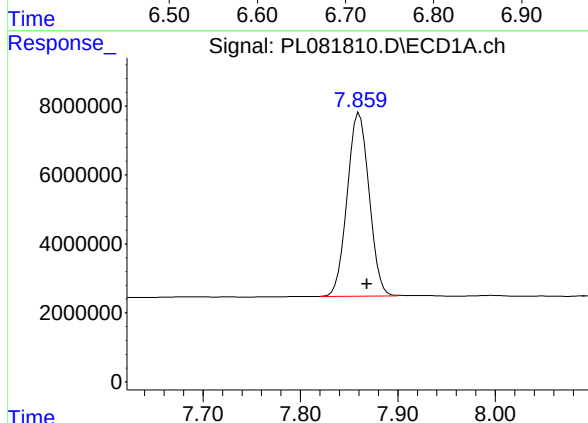
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/03/2023  
Supervised By :Ankita Jodhani 04/03/2023



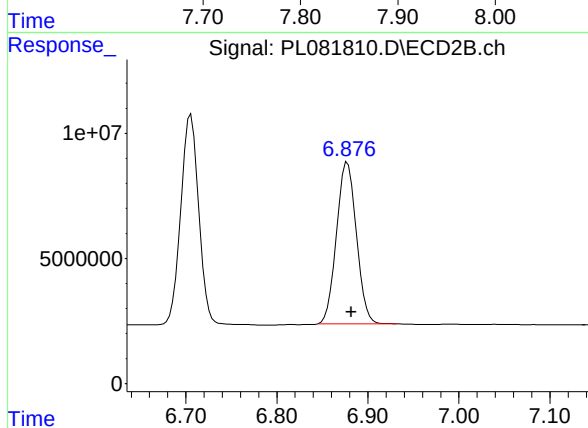
#21 Endrin ketone

R.T.: 6.706 min  
Delta R.T.: -0.004 min  
Response: 114577629  
Conc: 53.62 ng/ml



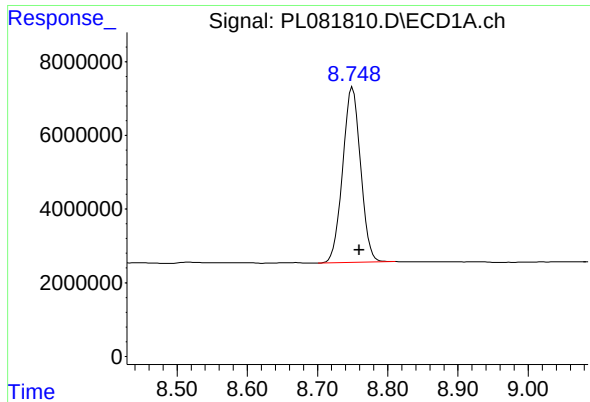
#22 Mirex

R.T.: 7.859 min  
Delta R.T.: -0.010 min  
Response: 83182197  
Conc: 48.55 ng/ml m



#22 Mirex

R.T.: 6.878 min  
Delta R.T.: -0.004 min  
Response: 98078413  
Conc: 51.09 ng/ml



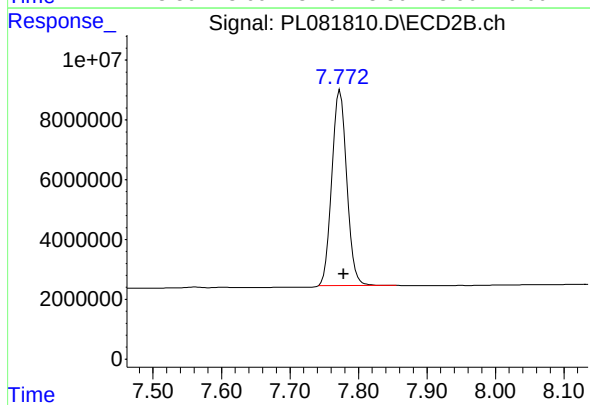
#28 Decachlorobiphenyl

R.T.: 8.750 min  
Delta R.T.: -0.010 min  
Response: 84277531  
Conc: 47.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/03/2023  
Supervised By :Ankita Jodhani 04/03/2023



#28 Decachlorobiphenyl

R.T.: 7.773 min  
Delta R.T.: -0.005 min  
Response: 99156089  
Conc: 50.00 ng/ml