

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012723\  
 Data File : PL080578.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jan 2023 20:29  
 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 28 00:05:39 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 | 109.1E6  | 109.0E6  | 50.854  | 49.631  |
| 28)                         | SA Decachlor... | 8.786 | 7.835 | 88987044 | 110.1E6  | 50.828  | 46.205  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.799 | 3.190 | 166.6E6  | 158.4E6  | 52.591  | 49.819  |
| 3)                          | MA gamma-BHC... | 4.127 | 3.518 | 154.7E6  | 148.3E6  | 52.614  | 49.660  |
| 4)                          | MA Heptachlor   | 4.711 | 3.859 | 146.3E6  | 146.9E6  | 49.492  | 46.155  |
| 5)                          | MB Aldrin       | 5.049 | 4.138 | 138.9E6  | 141.3E6  | 50.762  | 47.898  |
| 6)                          | B beta-BHC      | 4.323 | 3.814 | 68692550 | 65799764 | 50.323  | 49.302  |
| 7)                          | B delta-BHC     | 4.566 | 4.043 | 153.6E6  | 144.3E6  | 53.065  | 50.040  |
| 8)                          | B Heptachlo...  | 5.474 | 4.640 | 130.0E6  | 132.8E6  | 50.266  | 47.715  |
| 9)                          | A Endosulfan I  | 5.856 | 5.010 | 119.2E6  | 121.6E6  | 50.464  | 46.751  |
| 10)                         | B gamma-Chl...  | 5.729 | 4.890 | 129.5E6  | 134.4E6  | 51.258  | 47.404m |
| 11)                         | B alpha-Chl...  | 5.808 | 4.956 | 127.6E6  | 132.1E6  | 50.555  | 46.118  |
| 12)                         | B 4,4'-DDE      | 5.986 | 5.148 | 113.4E6  | 114.6E6  | 50.900  | 48.573  |
| 13)                         | MA Dieldrin     | 6.130 | 5.275 | 121.0E6  | 127.9E6  | 50.560  | 47.288  |
| 14)                         | MA Endrin       | 6.356 | 5.550 | 98096419 | 104.4E6  | 45.358m | 44.959  |
| 15)                         | B Endosulfa...  | 6.575 | 5.843 | 99377757 | 106.0E6  | 43.352  | 50.894  |
| 16)                         | A 4,4'-DDD      | 6.500 | 5.702 | 97390375 | 101.1E6  | 53.161  | 53.792  |
| 17)                         | MA 4,4'-DDT     | 6.812 | 5.953 | 88665096 | 90230020 | 42.675  | 42.936  |
| 18)                         | B Endrin al...  | 6.705 | 6.023 | 81537354 | 85802419 | 49.018  | 46.986  |
| 19)                         | B Endosulfa...  | 6.939 | 6.246 | 104.8E6  | 110.8E6  | 50.614  | 47.640  |
| 20)                         | A Methoxychlor  | 7.290 | 6.531 | 47689416 | 50617279 | 43.225  | 41.713  |
| 21)                         | B Endrin ke...  | 7.419 | 6.751 | 115.9E6  | 128.8E6  | 52.522  | 50.433  |
| 22)                         | Mirex           | 7.890 | 6.934 | 84748881 | 104.8E6  | 49.279  | 46.023  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012723\  
 Data File : PL080578.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jan 2023 20:29  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

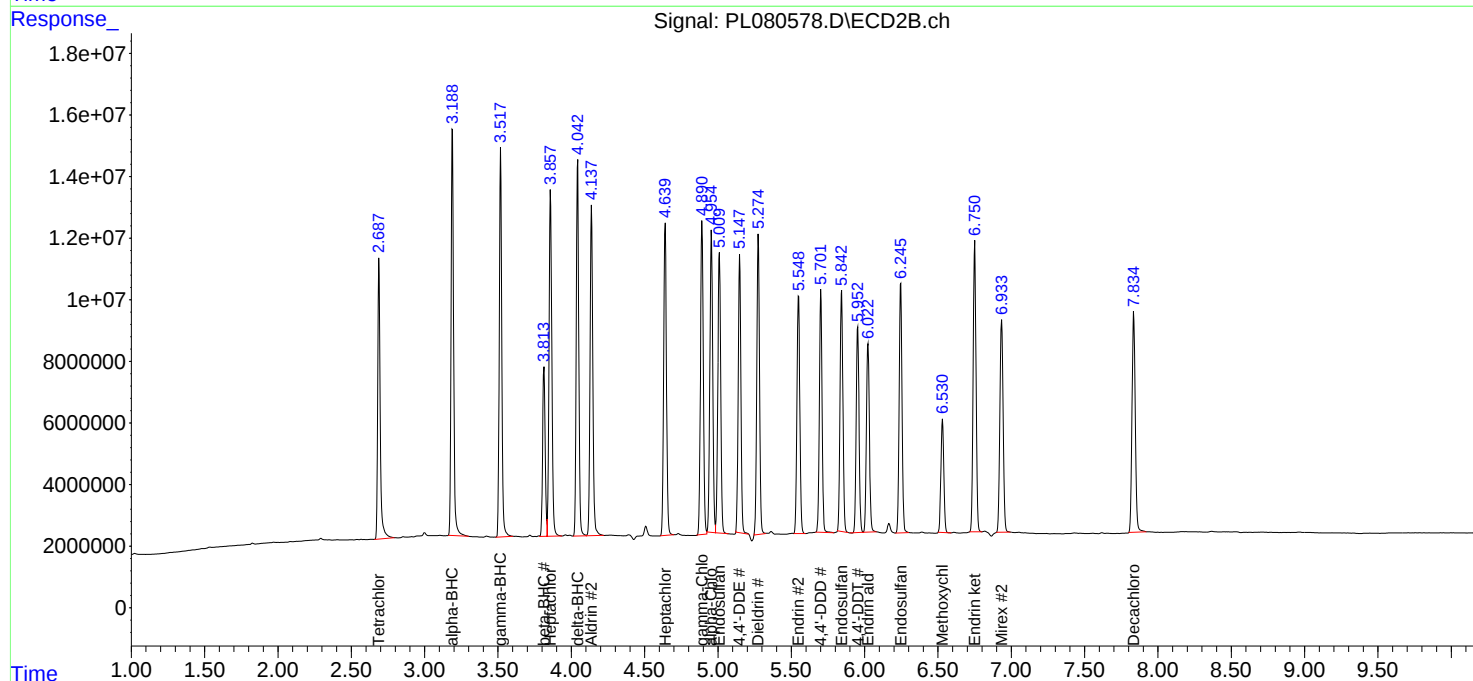
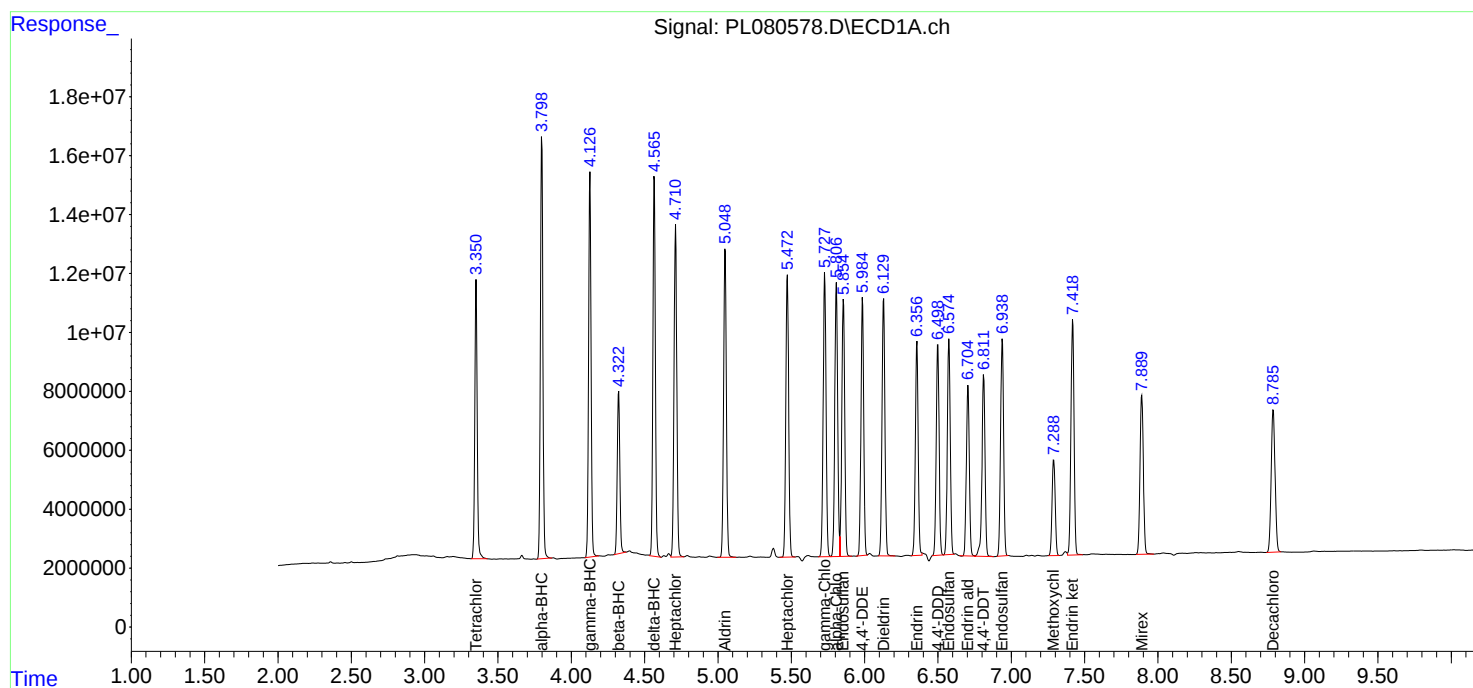
## Manual Integrations

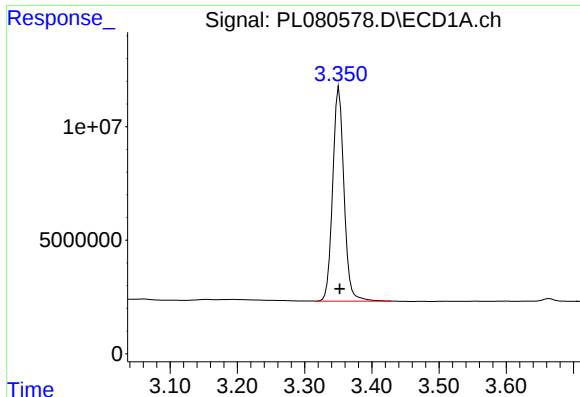
## APPROVED

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 28 00:05:39 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
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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





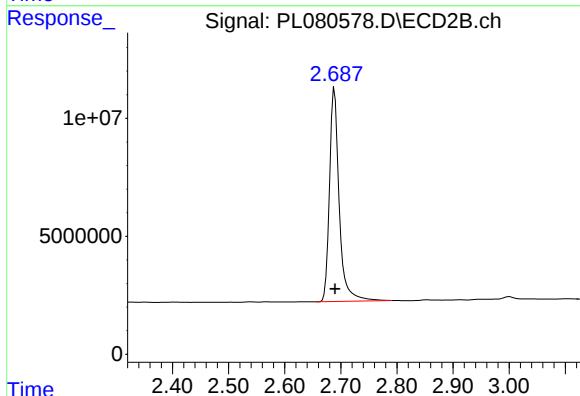
#1 Tetrachloro-m-xylene

R.T.: 3.351 min  
Delta R.T.: 0.000 min  
Response: 109072780  
Conc: 50.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

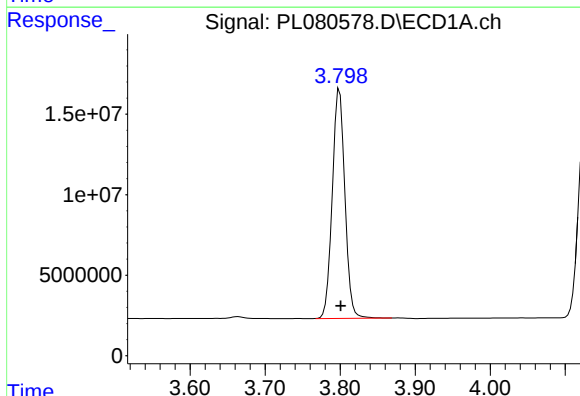
Manual Integrations  
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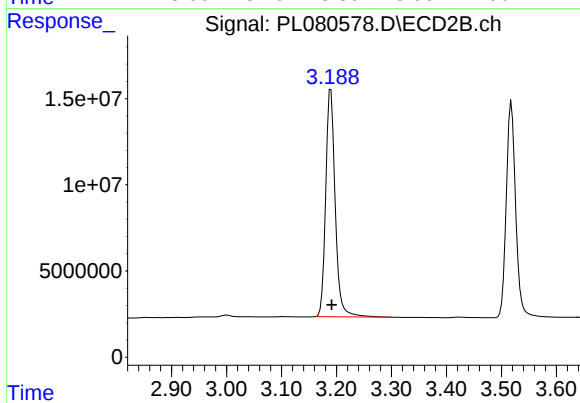
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.000 min  
Response: 109013277  
Conc: 49.63 ng/ml



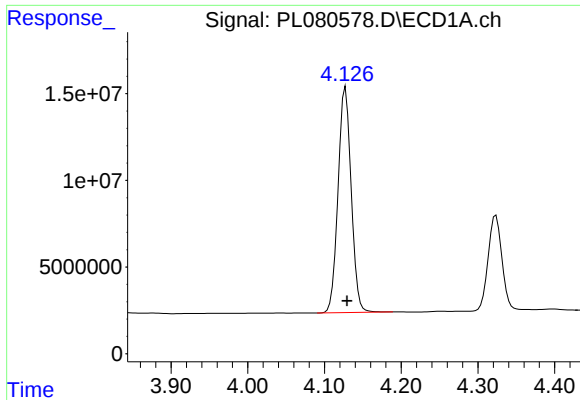
#2 alpha-BHC

R.T.: 3.799 min  
Delta R.T.: -0.002 min  
Response: 166610785  
Conc: 52.59 ng/ml



#2 alpha-BHC

R.T.: 3.190 min  
Delta R.T.: -0.002 min  
Response: 158445007  
Conc: 49.82 ng/ml



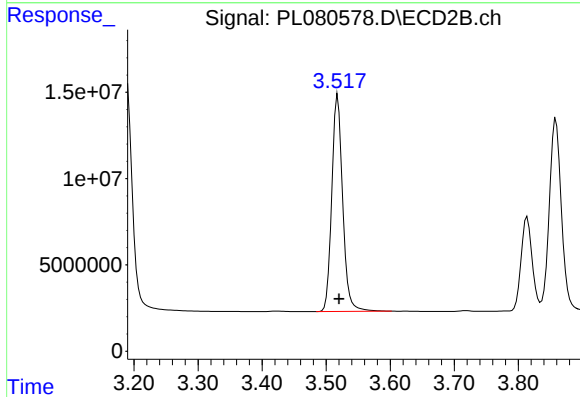
#3 gamma-BHC (Lindane)

R.T.: 4.127 min  
Delta R.T.: -0.002 min  
Response: 154673581  
Conc: 52.61 ng/ml

Instrument :  
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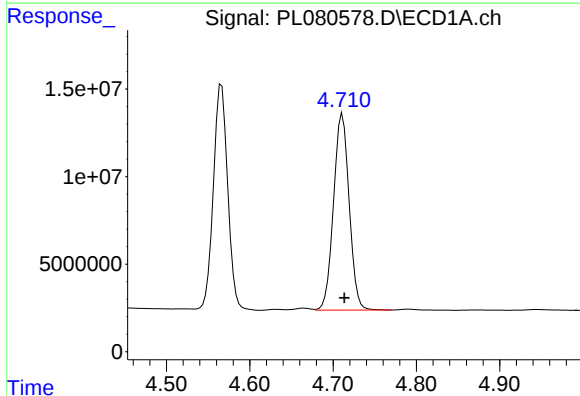
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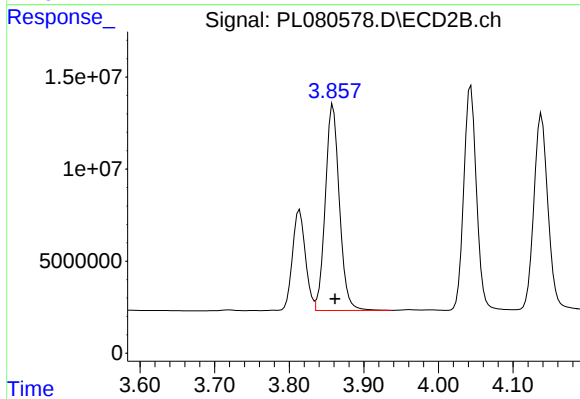
#3 gamma-BHC (Lindane)

R.T.: 3.518 min  
Delta R.T.: -0.002 min  
Response: 148348118  
Conc: 49.66 ng/ml



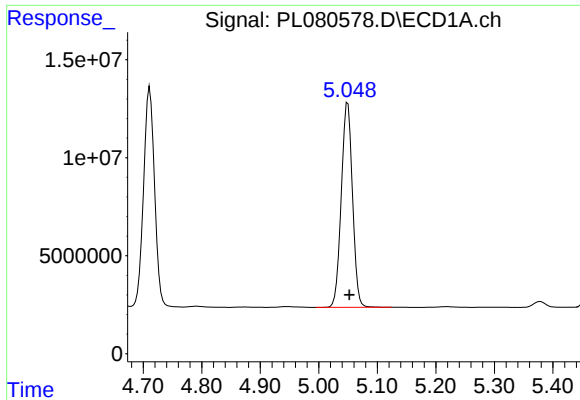
#4 Heptachlor

R.T.: 4.711 min  
Delta R.T.: -0.002 min  
Response: 146260132  
Conc: 49.49 ng/ml



#4 Heptachlor

R.T.: 3.859 min  
Delta R.T.: -0.003 min  
Response: 146881939  
Conc: 46.15 ng/ml



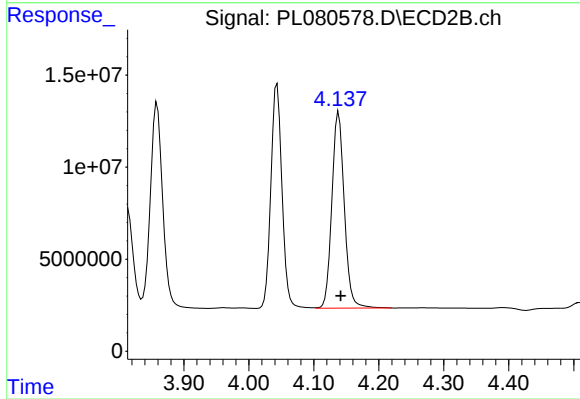
#5 Aldrin

R.T.: 5.049 min  
Delta R.T.: -0.003 min  
Response: 138874927  
Conc: 50.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

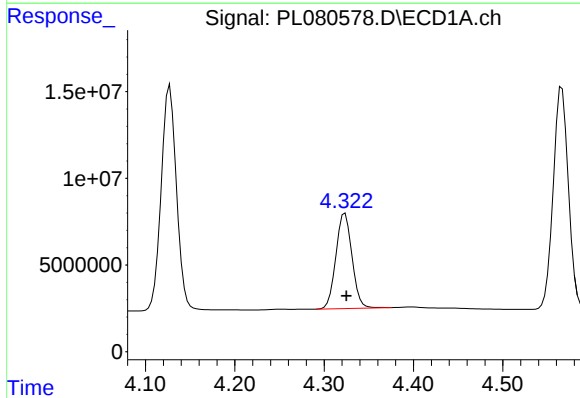
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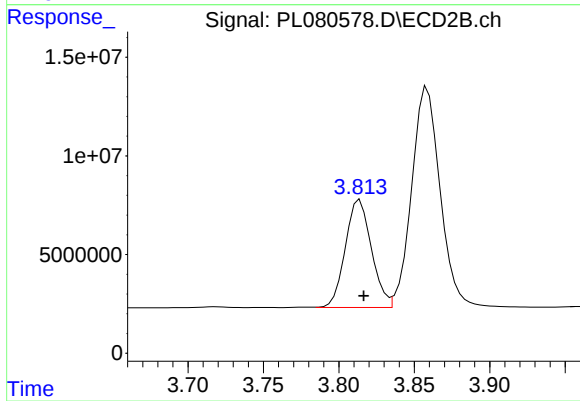
#5 Aldrin

R.T.: 4.138 min  
Delta R.T.: -0.003 min  
Response: 141277914  
Conc: 47.90 ng/ml



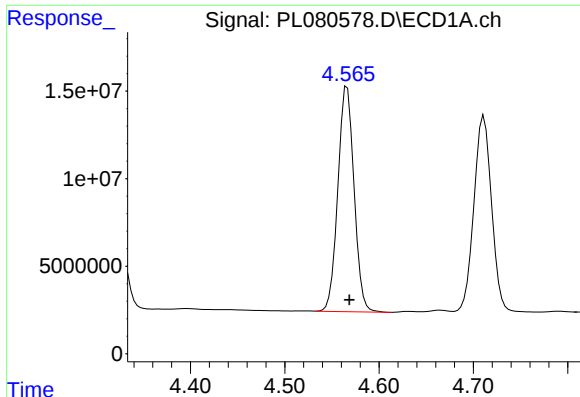
#6 beta-BHC

R.T.: 4.323 min  
Delta R.T.: -0.002 min  
Response: 68692550  
Conc: 50.32 ng/ml



#6 beta-BHC

R.T.: 3.814 min  
Delta R.T.: -0.003 min  
Response: 65799764  
Conc: 49.30 ng/ml



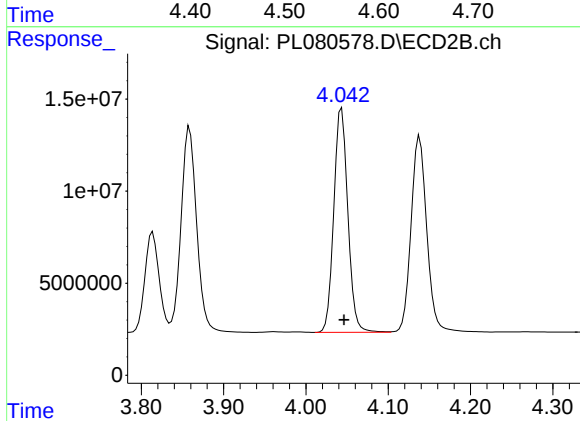
#7 delta-BHC

R.T.: 4.566 min  
Delta R.T.: -0.002 min  
Response: 153623152  
Conc: 53.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

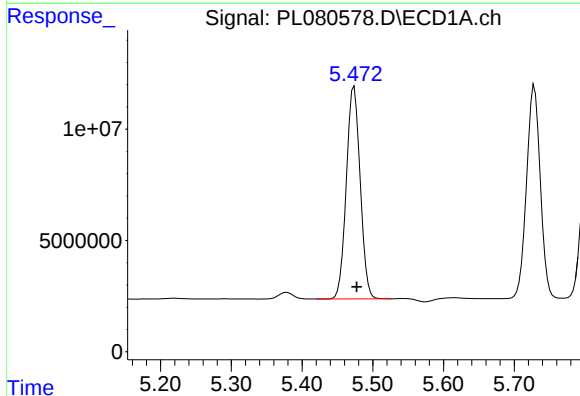
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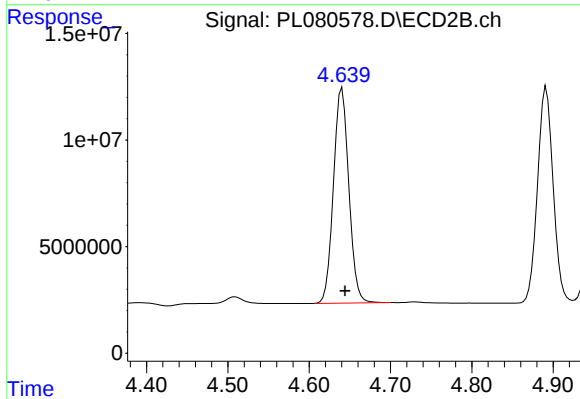
#7 delta-BHC

R.T.: 4.043 min  
Delta R.T.: -0.003 min  
Response: 144338669  
Conc: 50.04 ng/ml



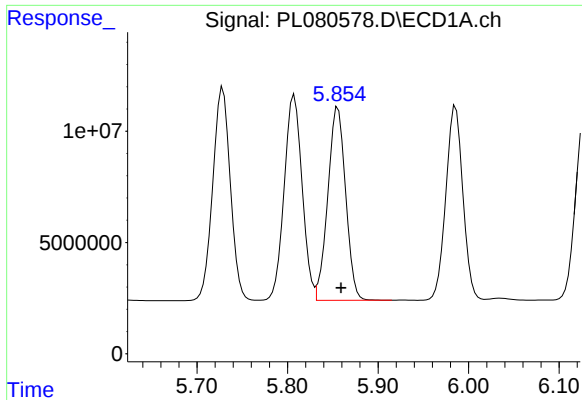
#8 Heptachlor epoxide

R.T.: 5.474 min  
Delta R.T.: -0.004 min  
Response: 130041602  
Conc: 50.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min  
Delta R.T.: -0.003 min  
Response: 132759345  
Conc: 47.71 ng/ml



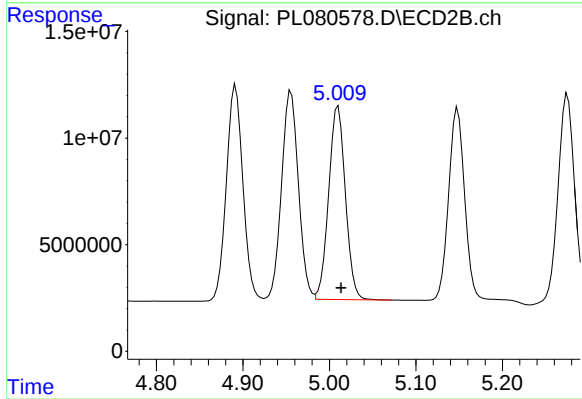
#9 Endosulfan I

R.T.: 5.856 min  
Delta R.T.: -0.003 min  
Response: 119168666  
Conc: 50.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

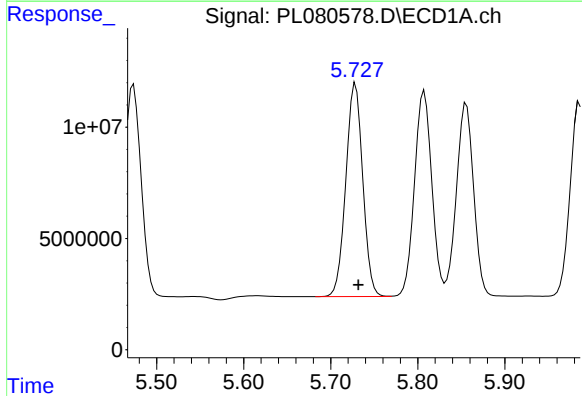
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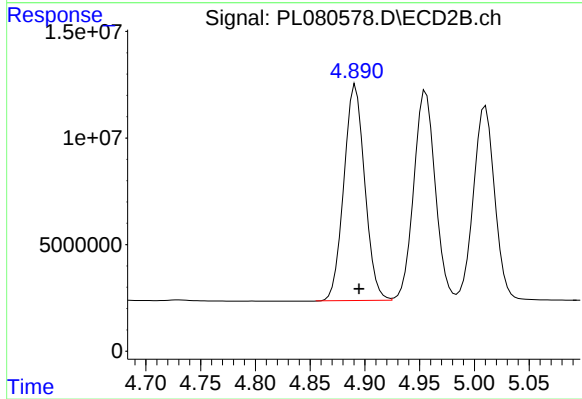
#9 Endosulfan I

R.T.: 5.010 min  
Delta R.T.: -0.003 min  
Response: 121614905  
Conc: 46.75 ng/ml



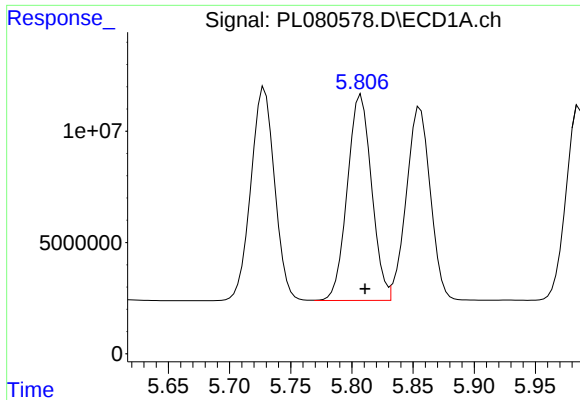
#10 gamma-Chlordane

R.T.: 5.729 min  
Delta R.T.: -0.003 min  
Response: 129463766  
Conc: 51.26 ng/ml



#10 gamma-Chlordane

R.T.: 4.890 min  
Delta R.T.: -0.005 min  
Response: 134352775  
Conc: 47.40 ng/ml m



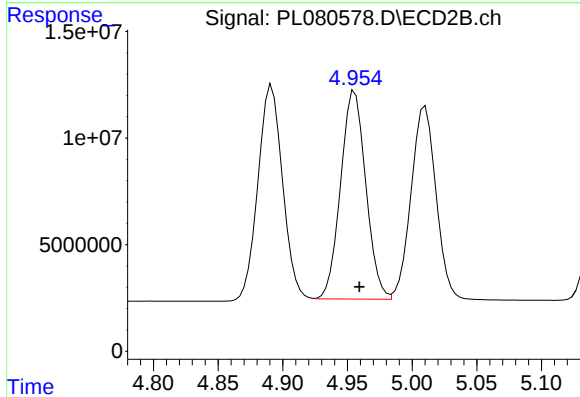
#11 alpha-Chlordane

R.T.: 5.808 min  
Delta R.T.: -0.003 min  
Response: 127613654  
Conc: 50.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

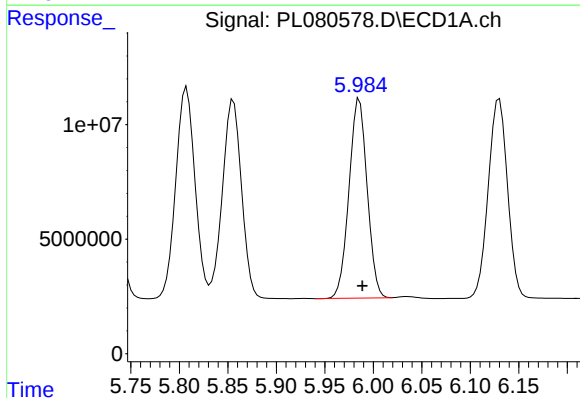
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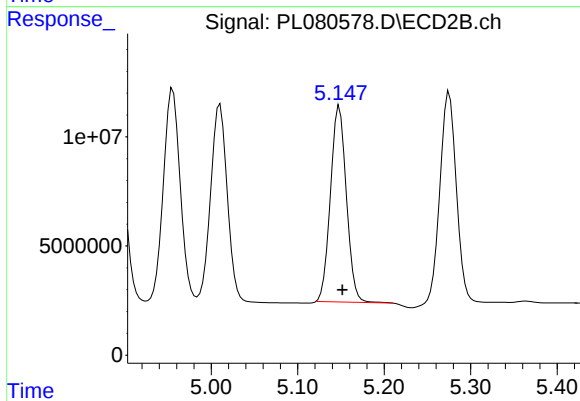
#11 alpha-Chlordane

R.T.: 4.956 min  
Delta R.T.: -0.003 min  
Response: 132111960  
Conc: 46.12 ng/ml



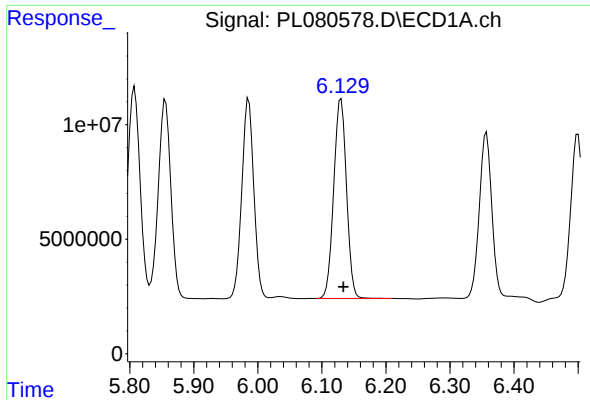
#12 4,4'-DDE

R.T.: 5.986 min  
Delta R.T.: -0.003 min  
Response: 113372508  
Conc: 50.90 ng/ml



#12 4,4'-DDE

R.T.: 5.148 min  
Delta R.T.: -0.004 min  
Response: 114574574  
Conc: 48.57 ng/ml



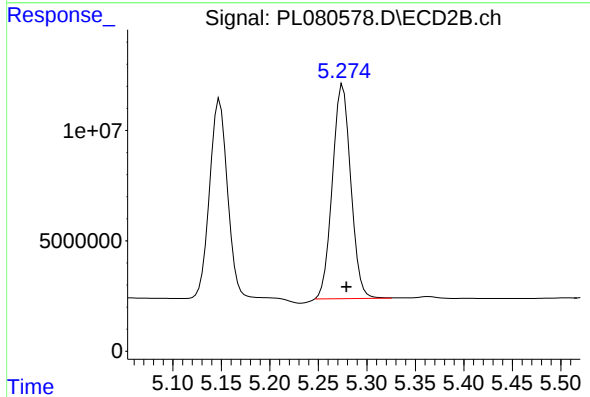
#13 Dieldrin

R.T.: 6.130 min  
Delta R.T.: -0.003 min  
Response: 121009190  
Conc: 50.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

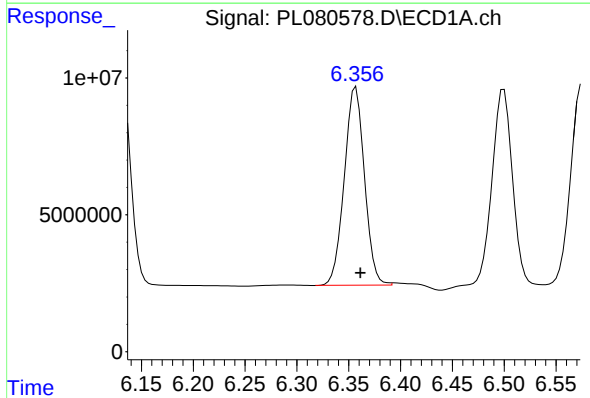
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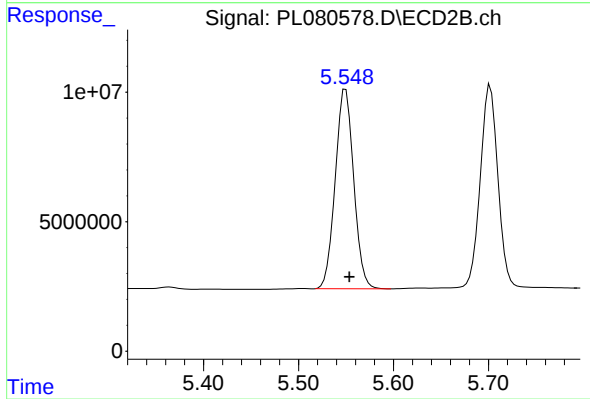
#13 Dieldrin

R.T.: 5.275 min  
Delta R.T.: -0.004 min  
Response: 127911816  
Conc: 47.29 ng/ml



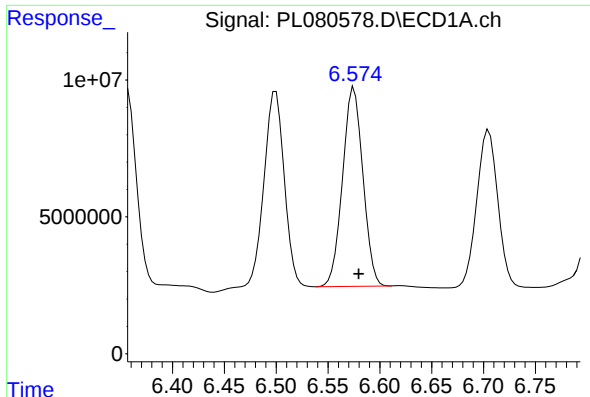
#14 Endrin

R.T.: 6.356 min  
Delta R.T.: -0.006 min  
Response: 98096419  
Conc: 45.36 ng/ml m



#14 Endrin

R.T.: 5.550 min  
Delta R.T.: -0.004 min  
Response: 104358061  
Conc: 44.96 ng/ml



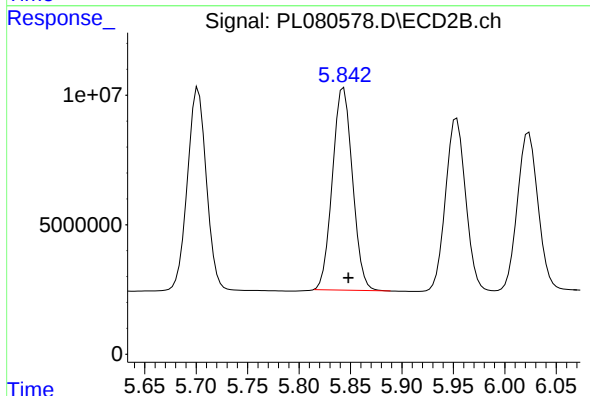
#15 Endosulfan II

R.T.: 6.575 min  
Delta R.T.: -0.005 min  
Response: 99377757  
Conc: 43.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

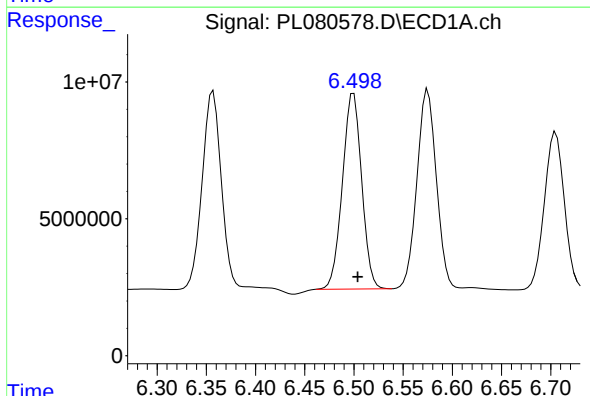
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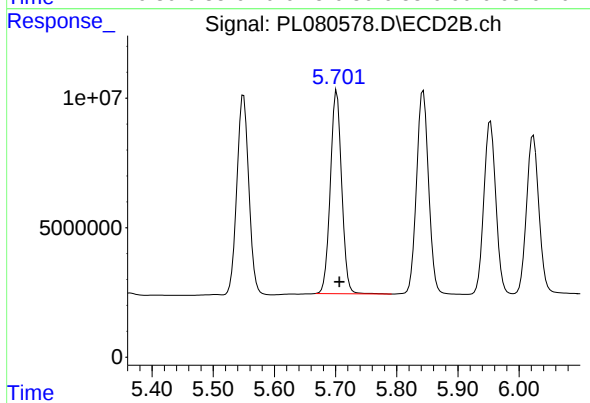
#15 Endosulfan II

R.T.: 5.843 min  
Delta R.T.: -0.004 min  
Response: 106049736  
Conc: 50.89 ng/ml



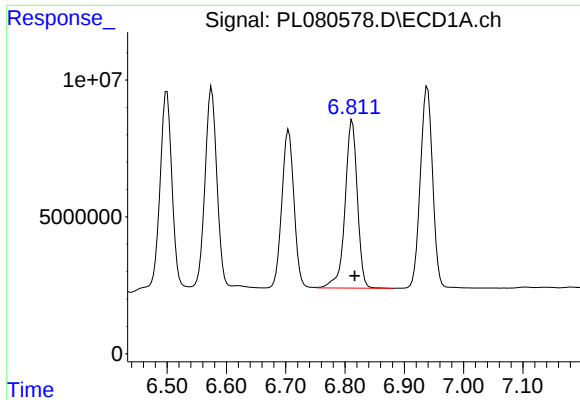
#16 4,4'-DDD

R.T.: 6.500 min  
Delta R.T.: -0.004 min  
Response: 97390375  
Conc: 53.16 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min  
Delta R.T.: -0.004 min  
Response: 101086528  
Conc: 53.79 ng/ml



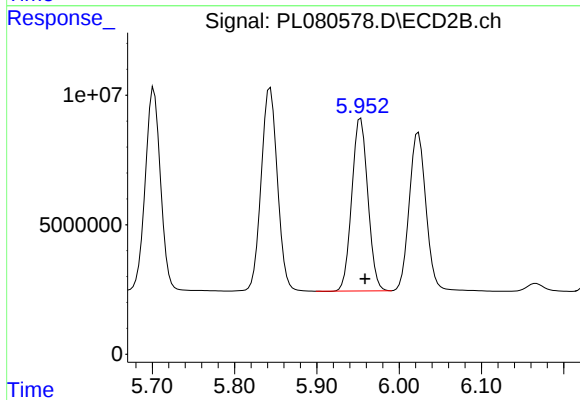
#17 4,4'-DDT

R.T.: 6.812 min  
Delta R.T.: -0.004 min  
Response: 88665096  
Conc: 42.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

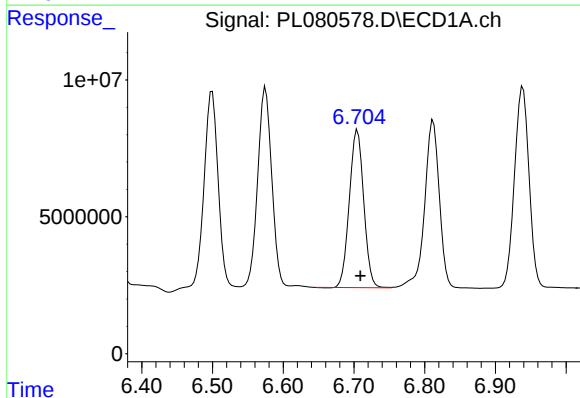
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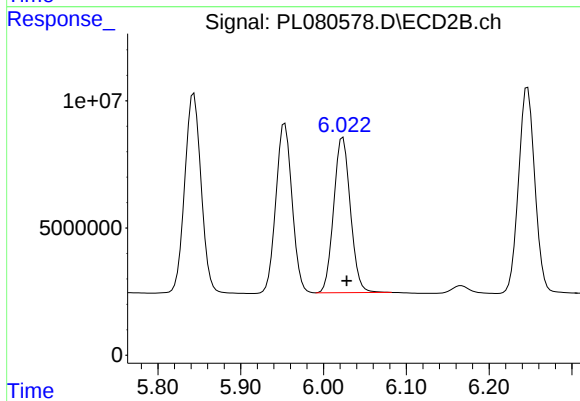
#17 4,4'-DDT

R.T.: 5.953 min  
Delta R.T.: -0.005 min  
Response: 90230020  
Conc: 42.94 ng/ml



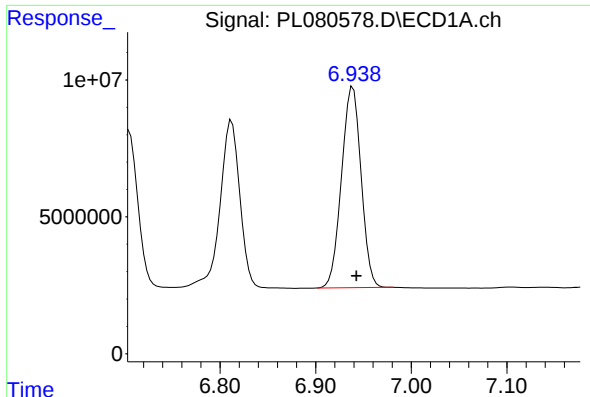
#18 Endrin aldehyde

R.T.: 6.705 min  
Delta R.T.: -0.004 min  
Response: 81537354  
Conc: 49.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min  
Delta R.T.: -0.004 min  
Response: 85802419  
Conc: 46.99 ng/ml



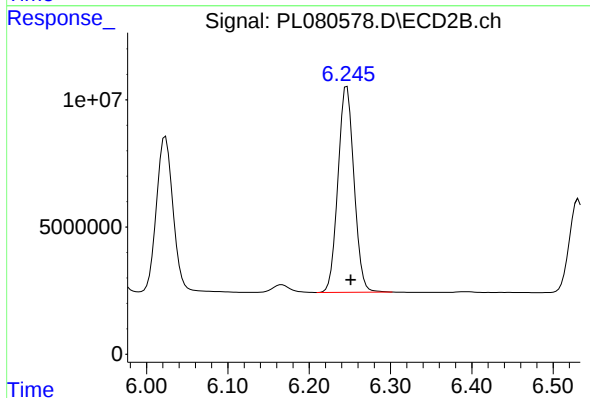
#19 Endosulfan Sulfate

R.T.: 6.939 min  
Delta R.T.: -0.004 min  
Response: 104765983  
Conc: 50.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

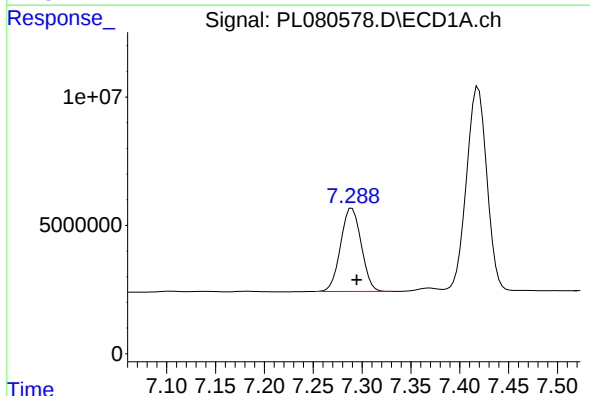
Manual Integrations  
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Reviewed By :Abdul Mirza 01/30/2023  
Supervised By :Ankita Jodhani 01/30/2023



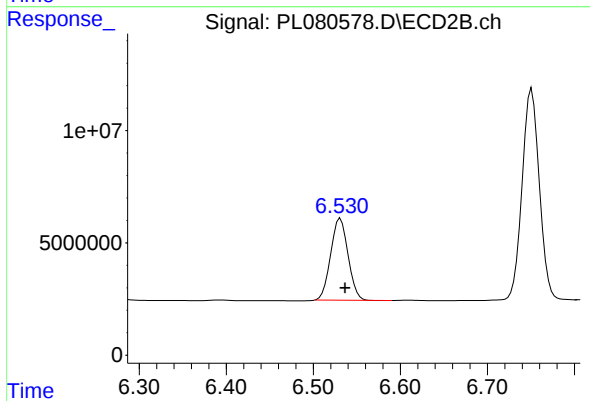
#19 Endosulfan Sulfate

R.T.: 6.246 min  
Delta R.T.: -0.005 min  
Response: 110795701  
Conc: 47.64 ng/ml



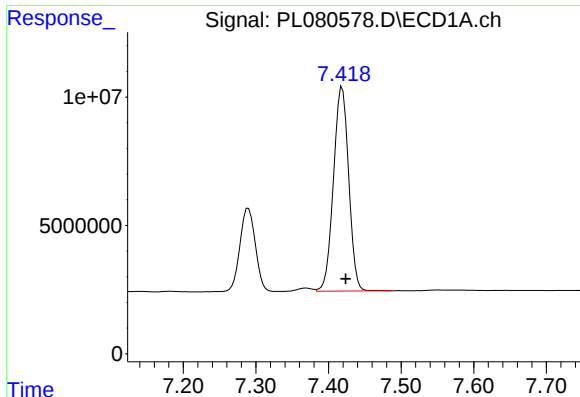
#20 Methoxychlor

R.T.: 7.290 min  
Delta R.T.: -0.005 min  
Response: 47689416  
Conc: 43.22 ng/ml



#20 Methoxychlor

R.T.: 6.531 min  
Delta R.T.: -0.005 min  
Response: 50617279  
Conc: 41.71 ng/ml



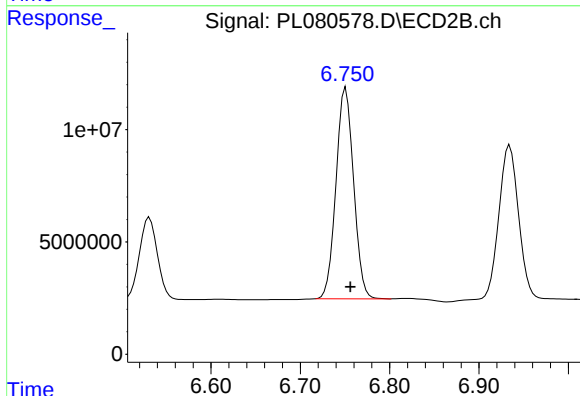
#21 Endrin ketone

R.T.: 7.419 min  
Delta R.T.: -0.005 min  
Response: 115881436  
Conc: 52.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

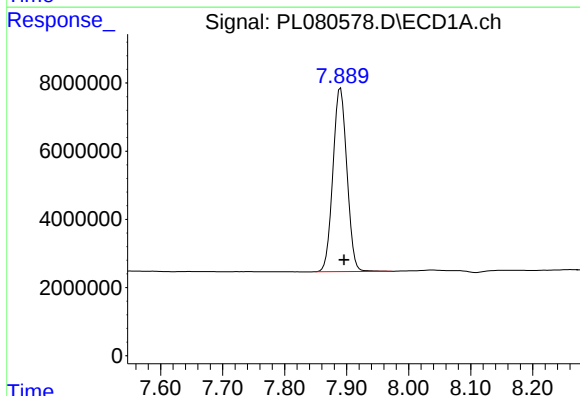
Manual Integrations  
APPROVED

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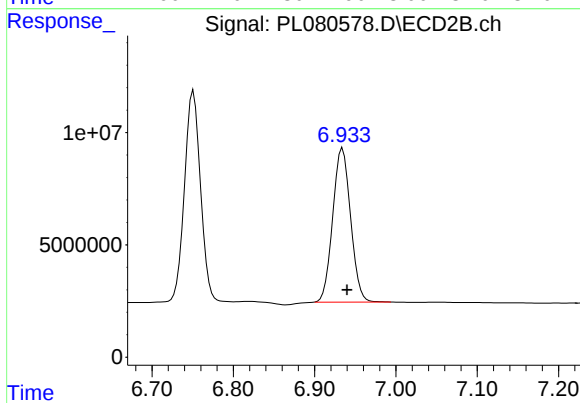
#21 Endrin ketone

R.T.: 6.751 min  
Delta R.T.: -0.005 min  
Response: 128767186  
Conc: 50.43 ng/ml



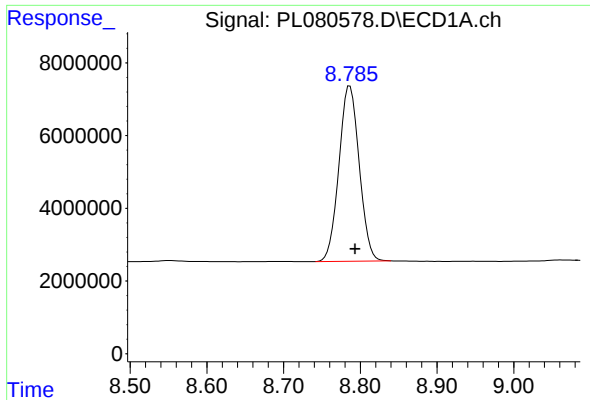
#22 Mirex

R.T.: 7.890 min  
Delta R.T.: -0.005 min  
Response: 84748881  
Conc: 49.28 ng/ml



#22 Mirex

R.T.: 6.934 min  
Delta R.T.: -0.006 min  
Response: 104780671  
Conc: 46.02 ng/ml



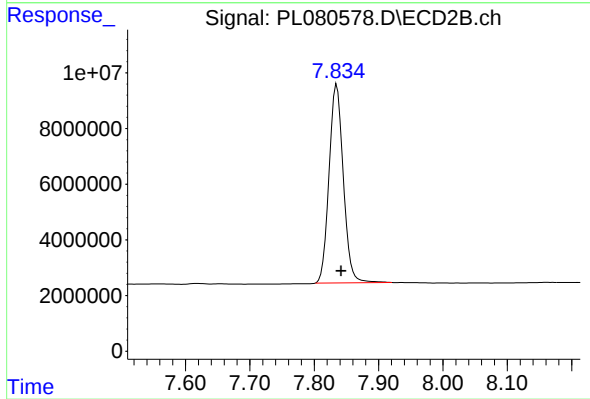
#28 Decachlorobiphenyl

R.T.: 8.786 min  
Delta R.T.: -0.007 min  
Response: 88987044  
Conc: 50.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.835 min  
Delta R.T.: -0.007 min  
Response: 110084866  
Conc: 46.20 ng/ml