

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020223\  
 Data File : PL080707.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Feb 2023 16:51  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 02/03/2023  
 Supervised By :Ankita Jodhani 02/03/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 02 21:23:23 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... | 3.352 | 2.689 | 115.3E6  | 119.3E6  | 53.739 | 54.332  |
| 28)                         | SA Decachlor... | 8.789 | 7.835 | 80833603 | 95773689 | 46.171 | 40.198  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.799 | 3.189 | 175.6E6  | 175.8E6  | 55.436 | 55.264  |
| 3)                          | MA gamma-BHC... | 4.128 | 3.518 | 162.4E6  | 163.6E6  | 55.245 | 54.781  |
| 4)                          | MA Heptachlor   | 4.712 | 3.858 | 154.6E6  | 162.6E6  | 52.307 | 51.080  |
| 5)                          | MB Aldrin       | 5.050 | 4.138 | 142.3E6  | 154.1E6  | 52.016 | 52.260  |
| 6)                          | B beta-BHC      | 4.324 | 3.814 | 71335177 | 71300231 | 52.259 | 53.423  |
| 7)                          | B delta-BHC     | 4.567 | 4.043 | 160.7E6  | 158.5E6  | 55.515 | 54.964  |
| 8)                          | B Heptachlo...  | 5.475 | 4.640 | 127.4E6  | 142.7E6  | 49.245 | 51.289  |
| 9)                          | A Endosulfan I  | 5.857 | 5.009 | 119.0E6  | 129.5E6  | 50.372 | 49.801  |
| 10)                         | B gamma-Chl...  | 5.730 | 4.890 | 127.3E6  | 144.9E6  | 50.394 | 51.120m |
| 11)                         | B alpha-Chl...  | 5.809 | 4.955 | 126.6E6  | 140.1E6  | 50.170 | 48.902  |
| 12)                         | B 4,4'-DDE      | 5.986 | 5.146 | 113.4E6  | 124.4E6  | 50.909 | 52.736m |
| 13)                         | MA Dieldrin     | 6.131 | 5.273 | 122.2E6  | 135.6E6  | 51.067 | 50.120m |
| 14)                         | MA Endrin       | 6.358 | 5.549 | 108.1E6  | 111.6E6  | 50.005 | 48.094  |
| 15)                         | B Endosulfa...  | 6.576 | 5.843 | 98606096 | 107.6E6  | 43.016 | 51.660  |
| 16)                         | A 4,4'-DDD      | 6.500 | 5.701 | 95958681 | 103.8E6  | 52.380 | 55.221  |
| 17)                         | MA 4,4'-DDT     | 6.814 | 5.953 | 88267565 | 97936803 | 42.484 | 46.604  |
| 18)                         | B Endrin al...  | 6.706 | 6.023 | 76609465 | 84640827 | 46.056 | 46.350  |
| 19)                         | B Endosulfa...  | 6.940 | 6.246 | 98989094 | 111.1E6  | 47.823 | 47.791  |
| 20)                         | A Methoxychlor  | 7.291 | 6.531 | 46583898 | 52247471 | 42.223 | 43.056  |
| 21)                         | B Endrin ke...  | 7.420 | 6.751 | 109.1E6  | 120.8E6  | 49.466 | 47.313  |
| 22)                         | Mirex           | 7.892 | 6.934 | 78794556 | 97021375 | 45.816 | 42.614  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020223\  
 Data File : PL080707.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Feb 2023 16:51  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

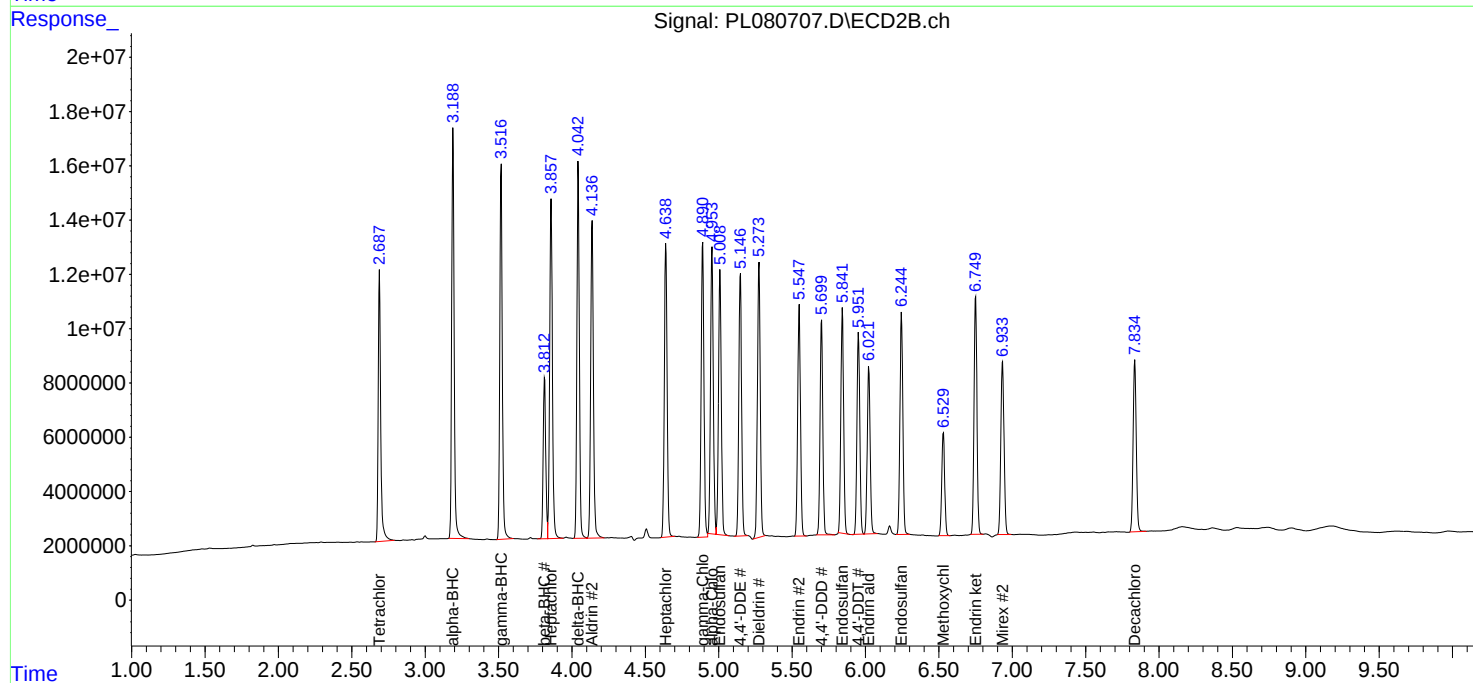
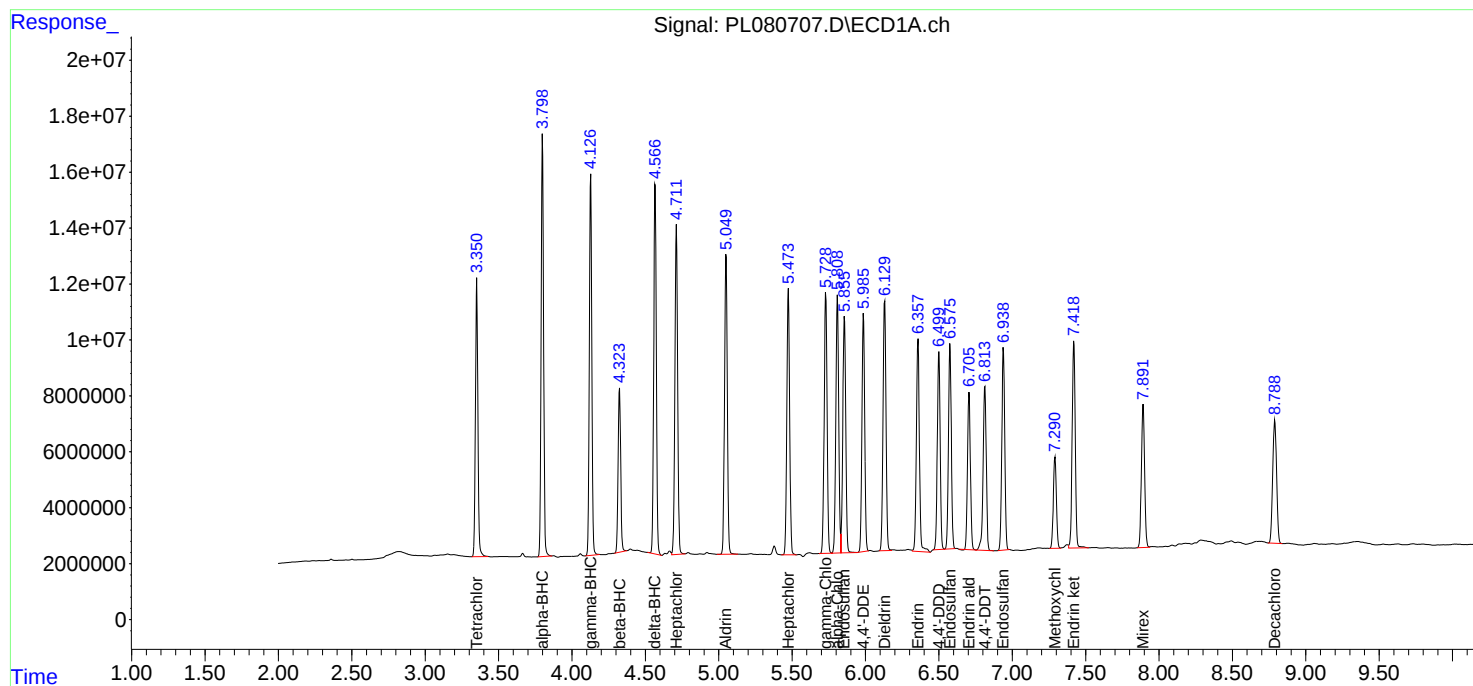
## APPROVED

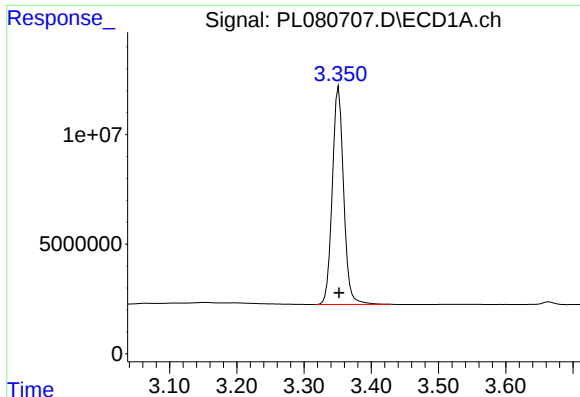
Reviewed By :Abdul Mirza 02/03/2023

Supervised By :Ankita Jodhani 02/03/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 02 21:23:23 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.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





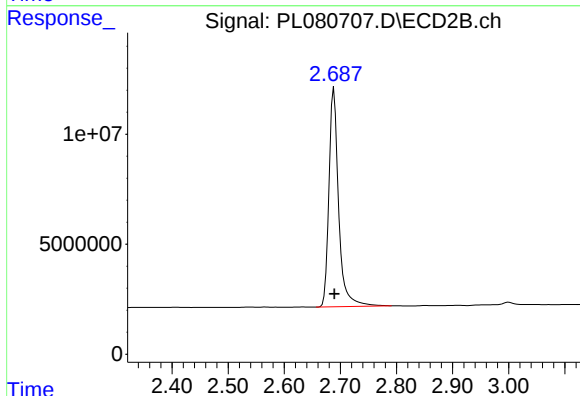
#1 Tetrachloro-m-xylene

R.T.: 3.352 min  
Delta R.T.: 0.000 min  
Response: 115261471  
Conc: 53.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

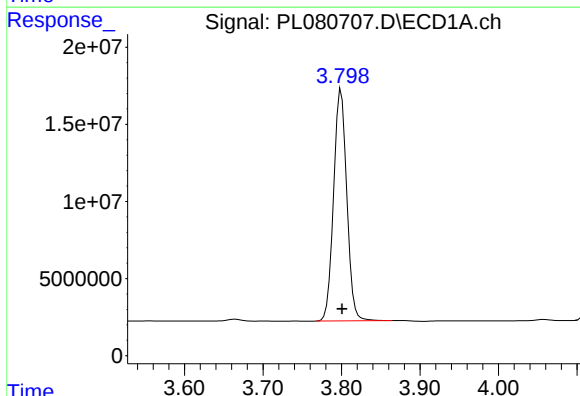
Manual Integrations  
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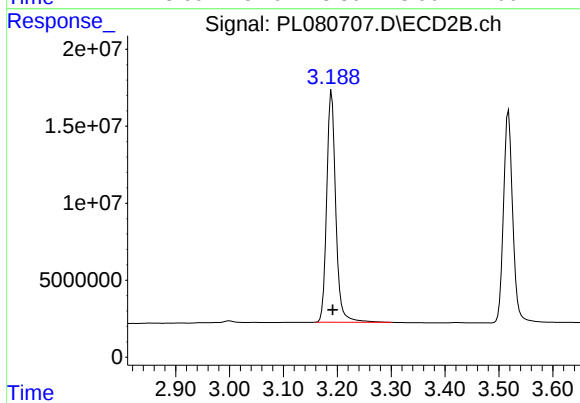
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: -0.001 min  
Response: 119337446  
Conc: 54.33 ng/ml



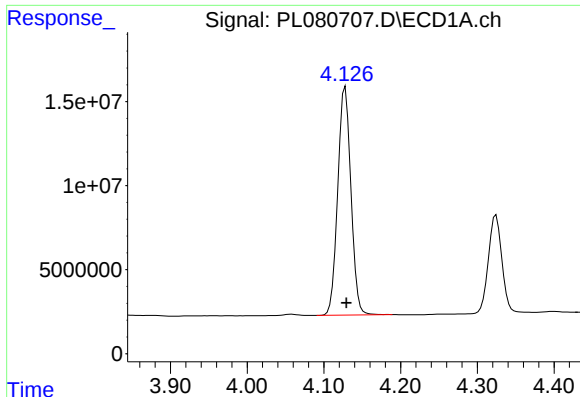
#2 alpha-BHC

R.T.: 3.799 min  
Delta R.T.: -0.001 min  
Response: 175621674  
Conc: 55.44 ng/ml



#2 alpha-BHC

R.T.: 3.189 min  
Delta R.T.: -0.002 min  
Response: 175762350  
Conc: 55.26 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.128 min  
Delta R.T.: -0.002 min  
Response: 162406852  
Conc: 55.24 ng/ml

Instrument :

ECD\_L

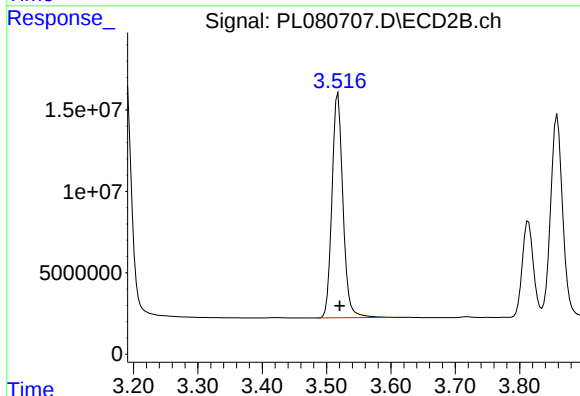
ClientSampleId :

PSTDCCC050

Manual Integrations

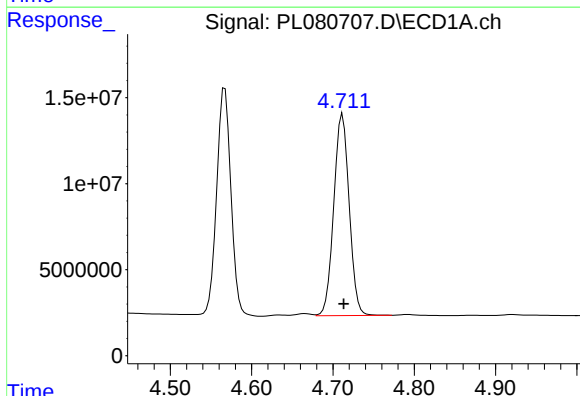
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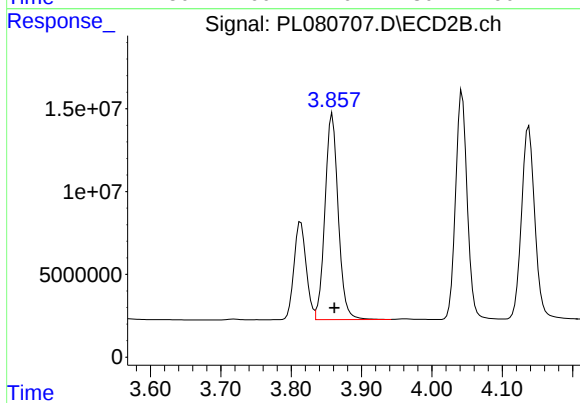
#3 gamma-BHC (Lindane)

R.T.: 3.518 min  
Delta R.T.: -0.003 min  
Response: 163648799  
Conc: 54.78 ng/ml



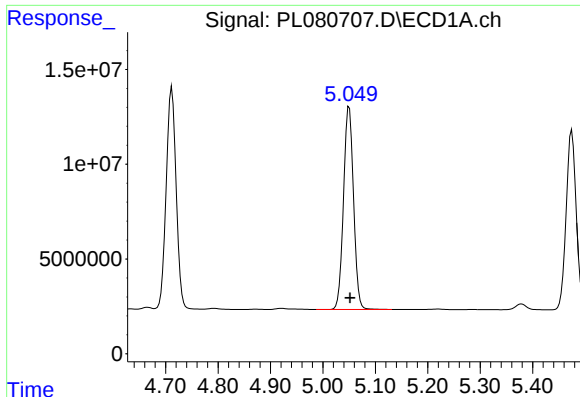
#4 Heptachlor

R.T.: 4.712 min  
Delta R.T.: -0.002 min  
Response: 154578870  
Conc: 52.31 ng/ml



#4 Heptachlor

R.T.: 3.858 min  
Delta R.T.: -0.003 min  
Response: 162553950  
Conc: 51.08 ng/ml



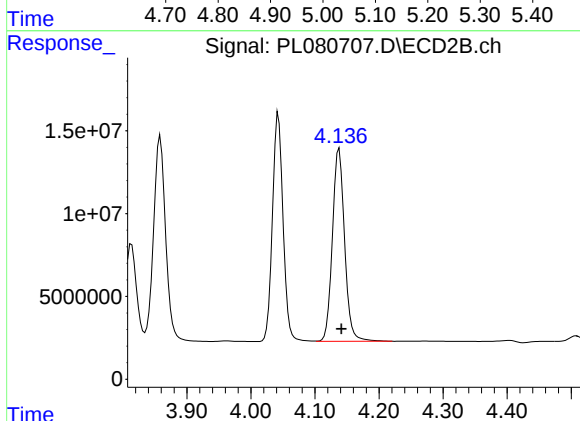
#5 Aldrin

R.T.: 5.050 min  
Delta R.T.: -0.002 min  
Response: 142304738  
Conc: 52.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

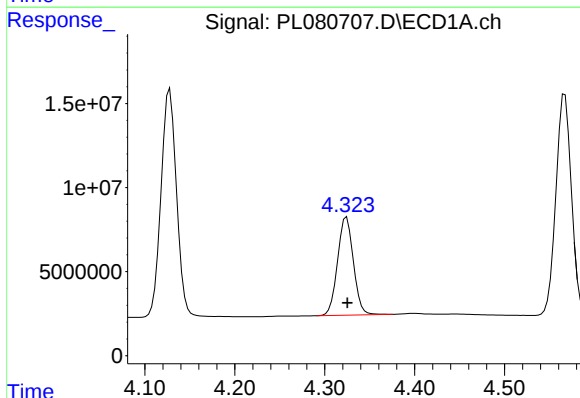
Manual Integrations  
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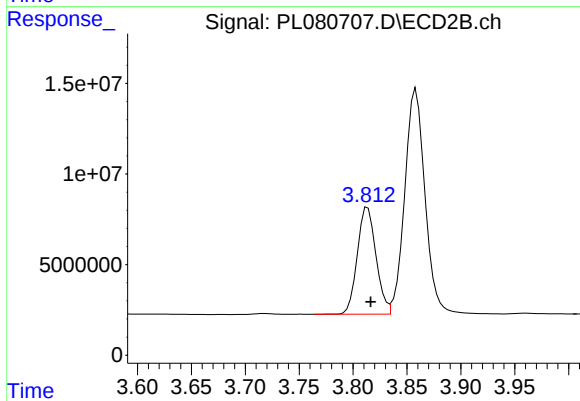
#5 Aldrin

R.T.: 4.138 min  
Delta R.T.: -0.004 min  
Response: 154145262  
Conc: 52.26 ng/ml



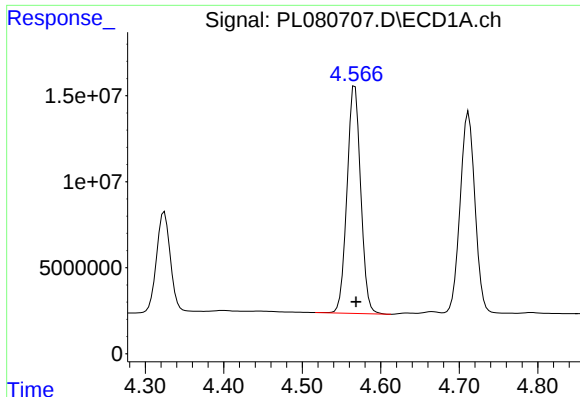
#6 beta-BHC

R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 71335177  
Conc: 52.26 ng/ml



#6 beta-BHC

R.T.: 3.814 min  
Delta R.T.: -0.003 min  
Response: 71300231  
Conc: 53.42 ng/ml



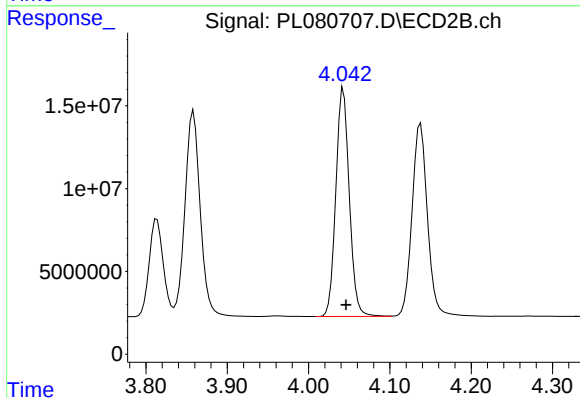
#7 delta-BHC

R.T.: 4.567 min  
Delta R.T.: -0.001 min  
Response: 160714746  
Conc: 55.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

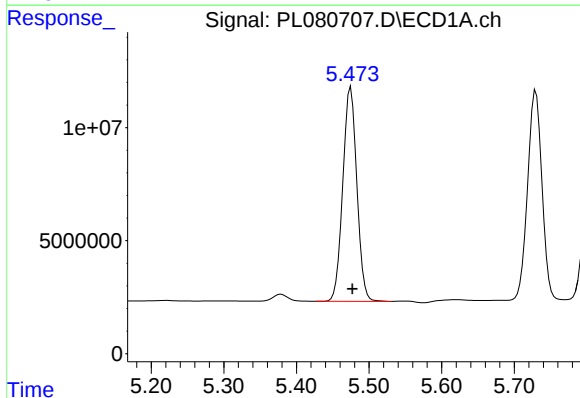
Manual Integrations  
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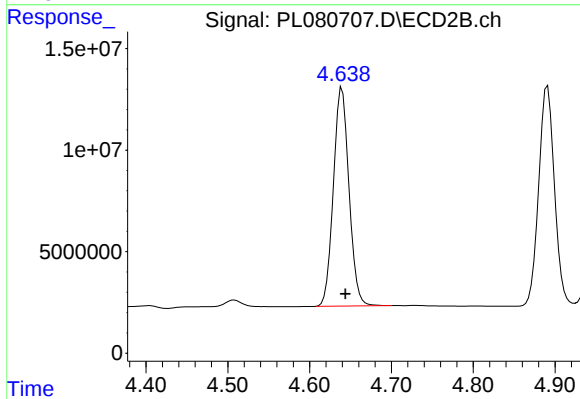
#7 delta-BHC

R.T.: 4.043 min  
Delta R.T.: -0.003 min  
Response: 158539782  
Conc: 54.96 ng/ml



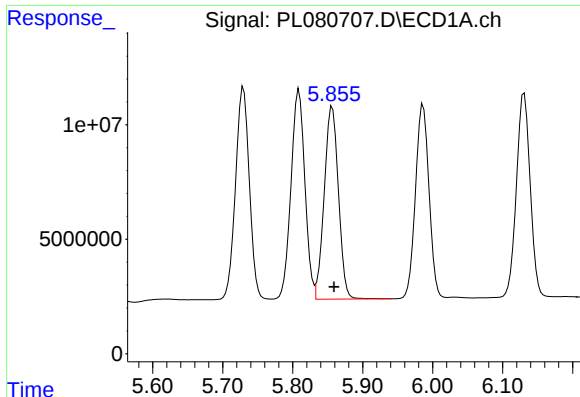
#8 Heptachlor epoxide

R.T.: 5.475 min  
Delta R.T.: -0.002 min  
Response: 127399883  
Conc: 49.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min  
Delta R.T.: -0.004 min  
Response: 142704218  
Conc: 51.29 ng/ml



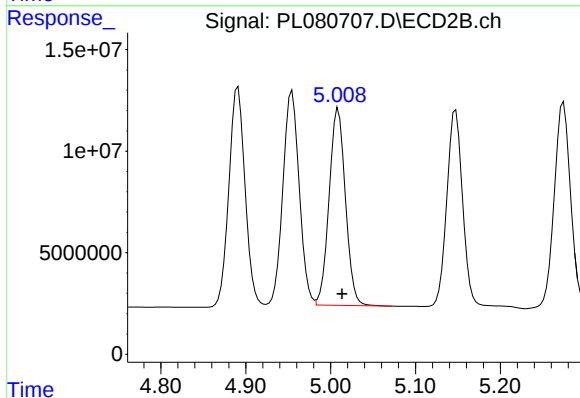
#9 Endosulfan I

R.T.: 5.857 min  
Delta R.T.: -0.002 min  
Response: 118952776  
Conc: 50.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

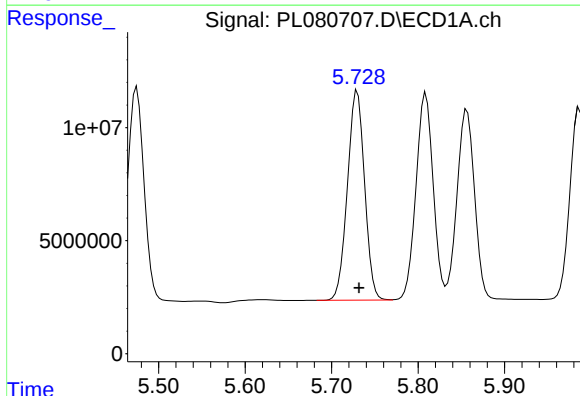
Manual Integrations  
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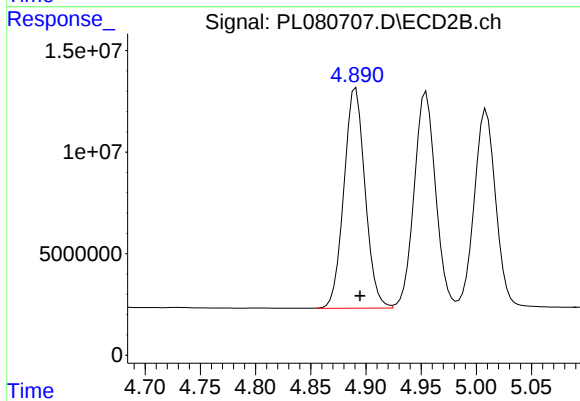
#9 Endosulfan I

R.T.: 5.009 min  
Delta R.T.: -0.004 min  
Response: 129548017  
Conc: 49.80 ng/ml



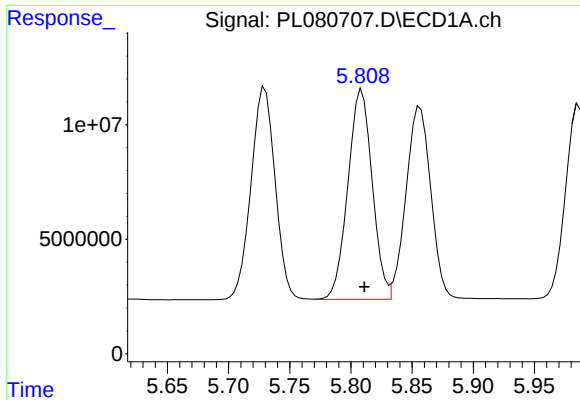
#10 gamma-Chlordane

R.T.: 5.730 min  
Delta R.T.: -0.002 min  
Response: 127281363  
Conc: 50.39 ng/ml



#10 gamma-Chlordane

R.T.: 4.890 min  
Delta R.T.: -0.005 min  
Response: 144886070  
Conc: 51.12 ng/ml m



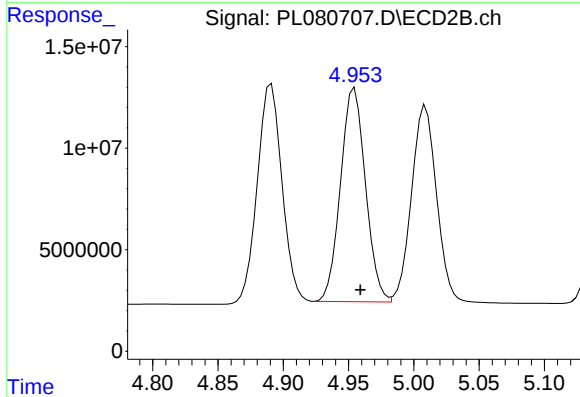
#11 alpha-Chlordane

R.T.: 5.809 min  
Delta R.T.: -0.002 min  
Response: 126641563  
Conc: 50.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

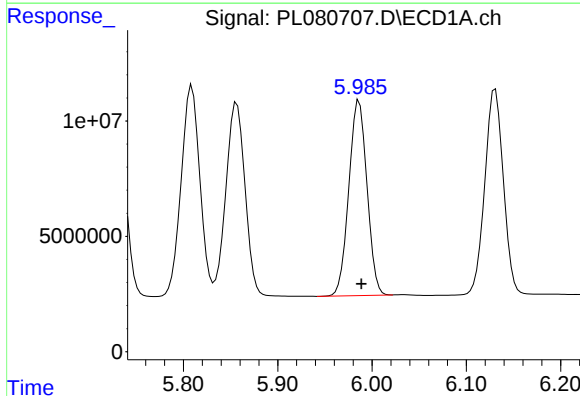
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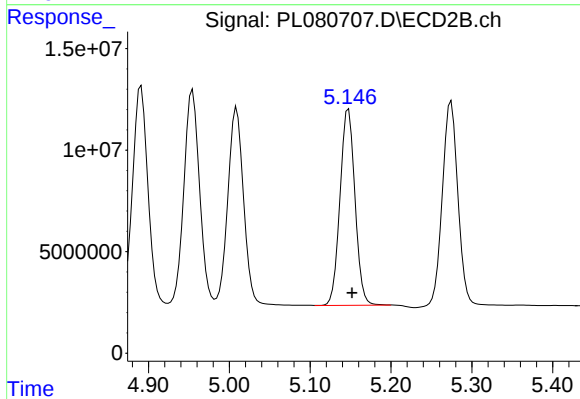
#11 alpha-Chlordane

R.T.: 4.955 min  
Delta R.T.: -0.005 min  
Response: 140088610  
Conc: 48.90 ng/ml



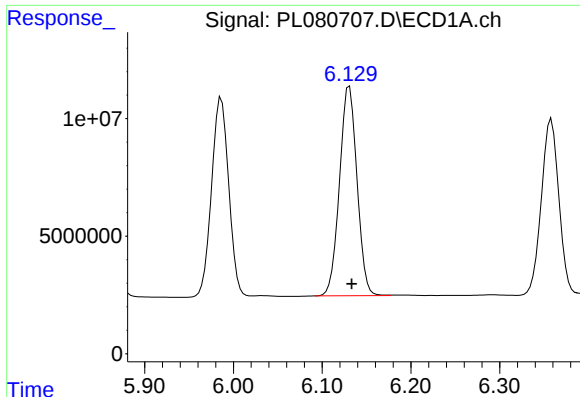
#12 4,4'-DDE

R.T.: 5.986 min  
Delta R.T.: -0.002 min  
Response: 113391072  
Conc: 50.91 ng/ml



#12 4,4'-DDE

R.T.: 5.146 min  
Delta R.T.: -0.006 min  
Response: 124395664  
Conc: 52.74 ng/ml m



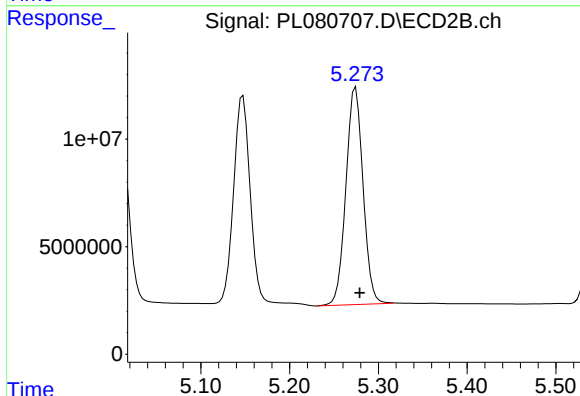
#13 Dieldrin

R.T.: 6.131 min  
Delta R.T.: -0.003 min  
Response: 122221403  
Conc: 51.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

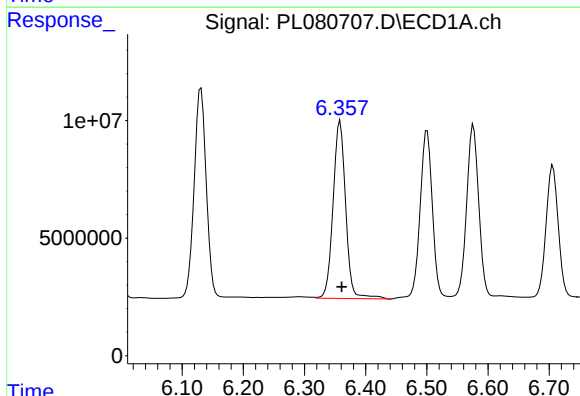
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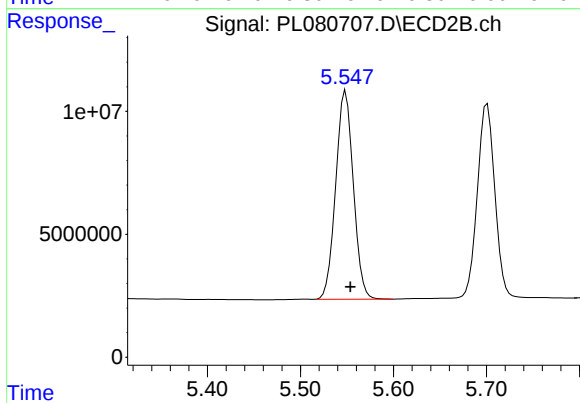
#13 Dieldrin

R.T.: 5.273 min  
Delta R.T.: -0.006 min  
Response: 135572111  
Conc: 50.12 ng/ml m



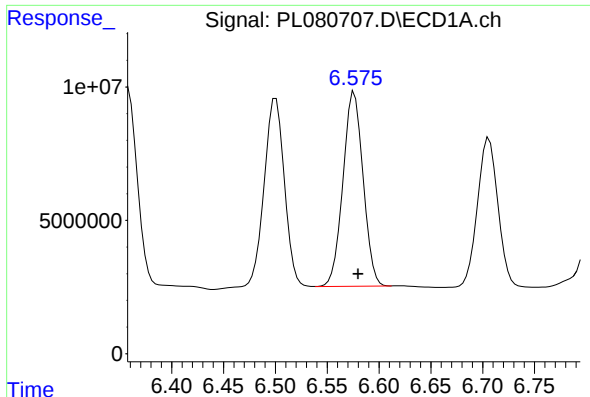
#14 Endrin

R.T.: 6.358 min  
Delta R.T.: -0.003 min  
Response: 108145176  
Conc: 50.00 ng/ml



#14 Endrin

R.T.: 5.549 min  
Delta R.T.: -0.005 min  
Response: 111634719  
Conc: 48.09 ng/ml



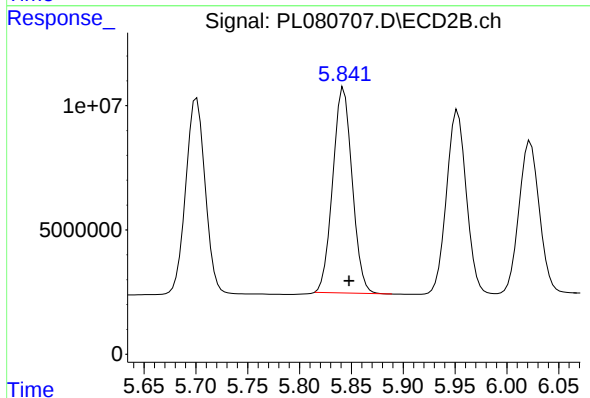
#15 Endosulfan II

R.T.: 6.576 min  
Delta R.T.: -0.003 min  
Response: 98606096  
Conc: 43.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

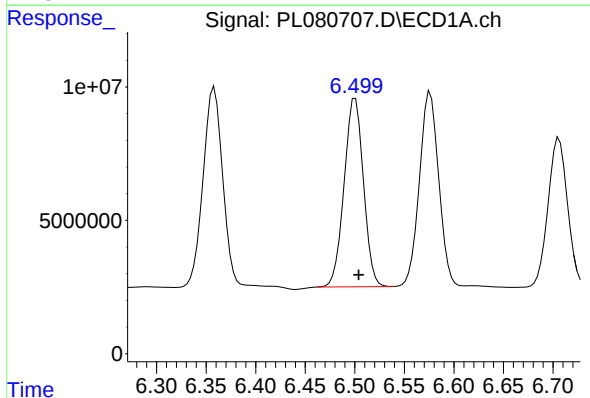
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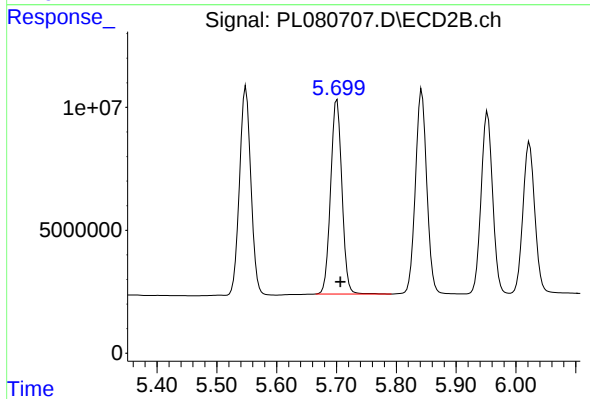
#15 Endosulfan II

R.T.: 5.843 min  
Delta R.T.: -0.005 min  
Response: 107644368  
Conc: 51.66 ng/ml



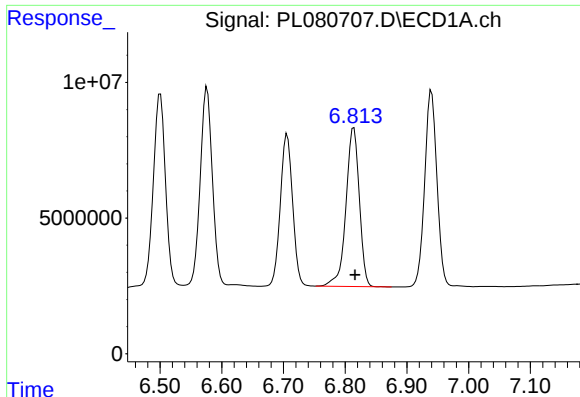
#16 4,4'-DDD

R.T.: 6.500 min  
Delta R.T.: -0.003 min  
Response: 95958681  
Conc: 52.38 ng/ml



#16 4,4'-DDD

R.T.: 5.701 min  
Delta R.T.: -0.005 min  
Response: 103770784  
Conc: 55.22 ng/ml



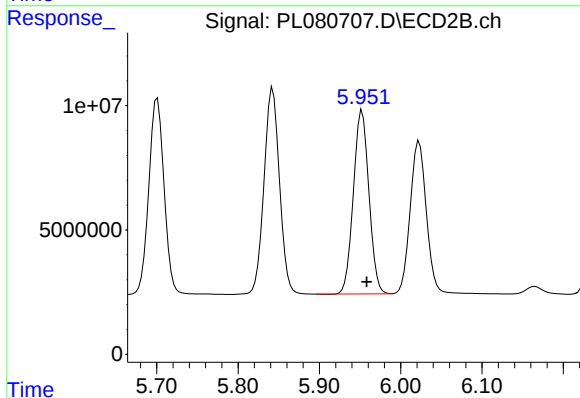
#17 4,4'-DDT

R.T.: 6.814 min  
Delta R.T.: -0.002 min  
Response: 88267565  
Conc: 42.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

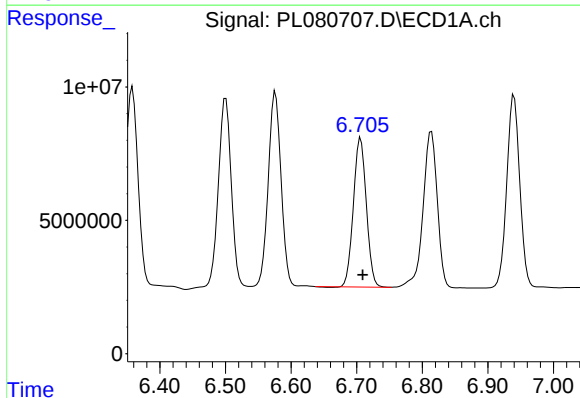
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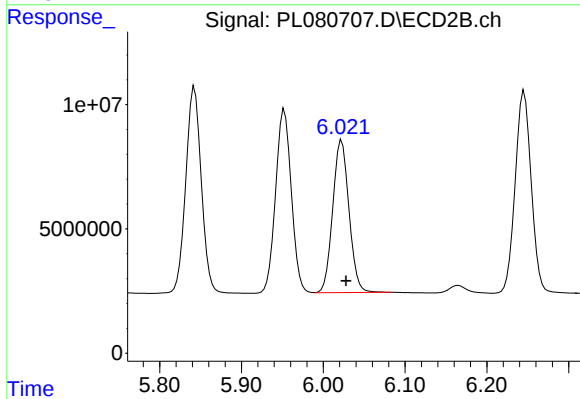
#17 4,4'-DDT

R.T.: 5.953 min  
Delta R.T.: -0.006 min  
Response: 97936803  
Conc: 46.60 ng/ml



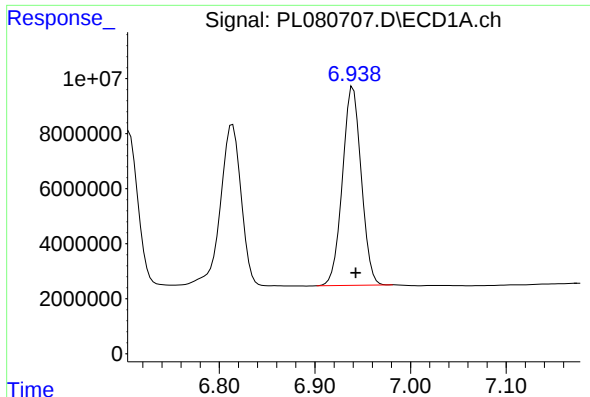
#18 Endrin aldehyde

R.T.: 6.706 min  
Delta R.T.: -0.003 min  
Response: 76609465  
Conc: 46.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min  
Delta R.T.: -0.005 min  
Response: 84640827  
Conc: 46.35 ng/ml



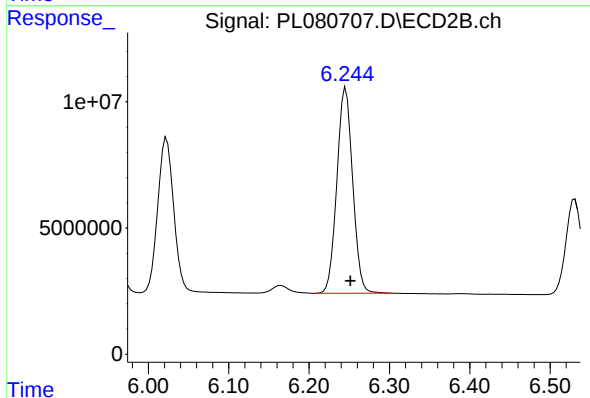
#19 Endosulfan Sulfate

R.T.: 6.940 min  
Delta R.T.: -0.003 min  
Response: 98989094  
Conc: 47.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

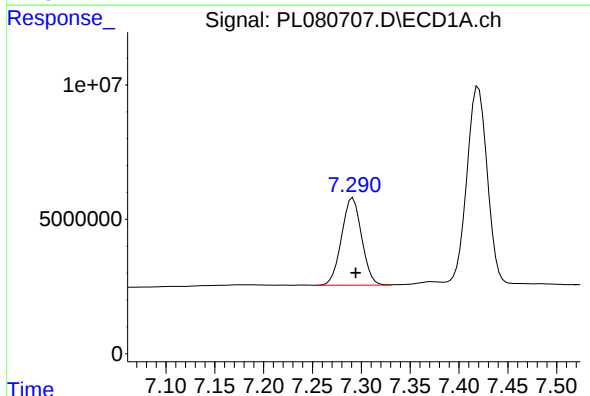
Manual Integrations  
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Reviewed By :Abdul Mirza 02/03/2023  
Supervised By :Ankita Jodhani 02/03/2023



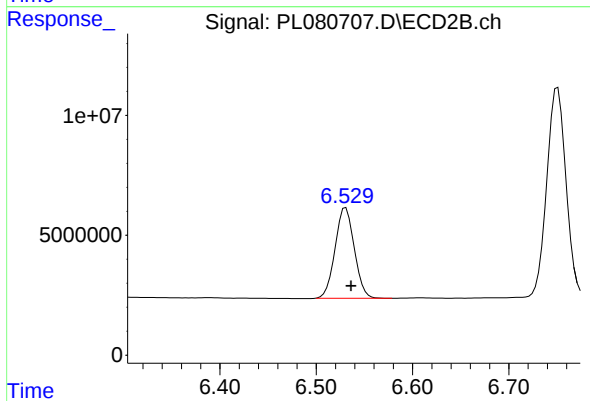
#19 Endosulfan Sulfate

R.T.: 6.246 min  
Delta R.T.: -0.006 min  
Response: 111145143  
Conc: 47.79 ng/ml



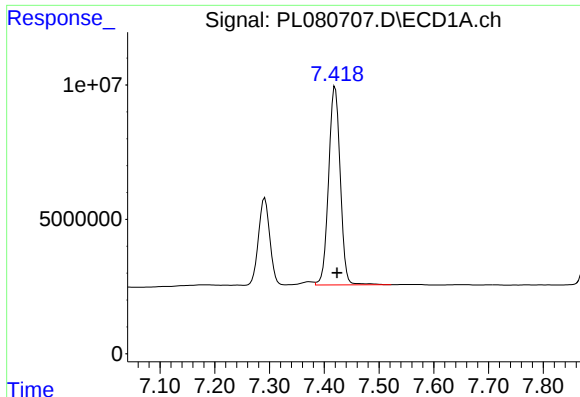
#20 Methoxychlor

R.T.: 7.291 min  
Delta R.T.: -0.003 min  
Response: 46583898  
Conc: 42.22 ng/ml



#20 Methoxychlor

R.T.: 6.531 min  
Delta R.T.: -0.006 min  
Response: 52247471  
Conc: 43.06 ng/ml



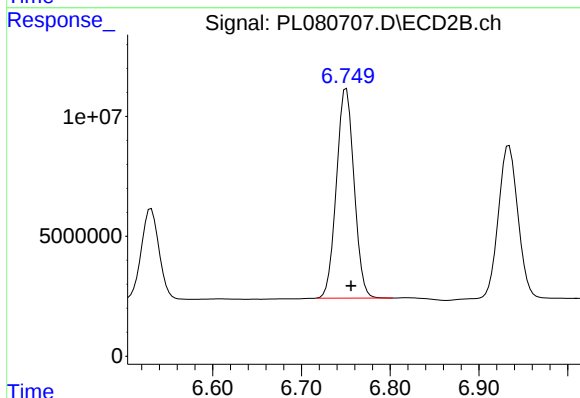
#21 Endrin ketone

R.T.: 7.420 min  
Delta R.T.: -0.004 min  
Response: 109139975  
Conc: 49.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

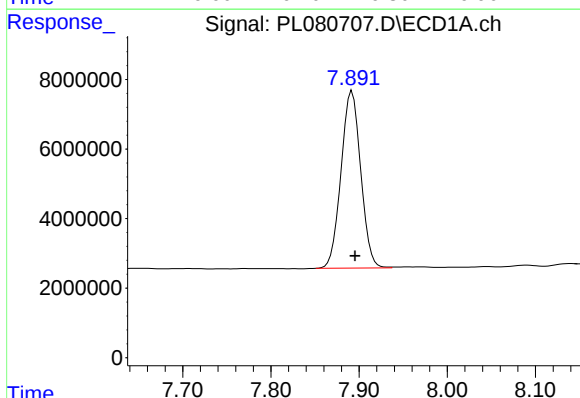
Manual Integrations  
APPROVED

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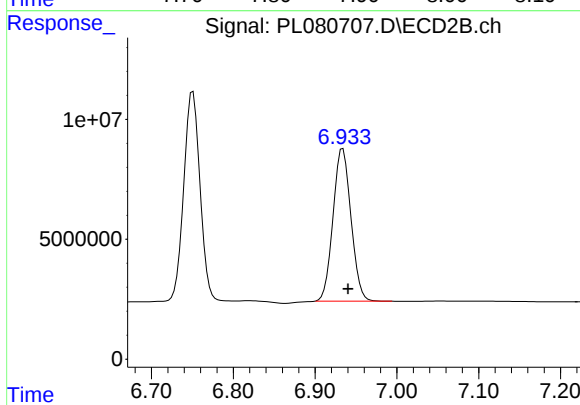
#21 Endrin ketone

R.T.: 6.751 min  
Delta R.T.: -0.005 min  
Response: 120800356  
Conc: 47.31 ng/ml



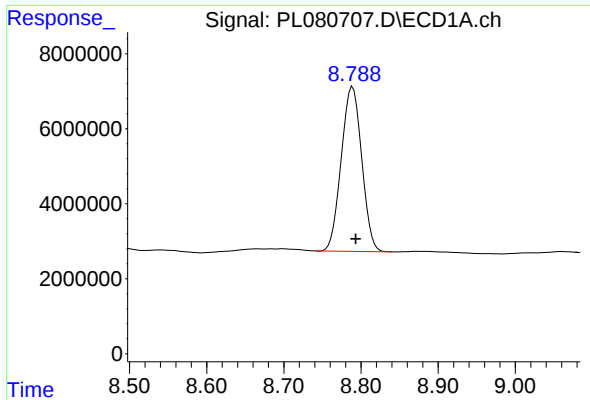
#22 Mirex

R.T.: 7.892 min  
Delta R.T.: -0.004 min  
Response: 78794556  
Conc: 45.82 ng/ml



#22 Mirex

R.T.: 6.934 min  
Delta R.T.: -0.006 min  
Response: 97021375  
Conc: 42.61 ng/ml



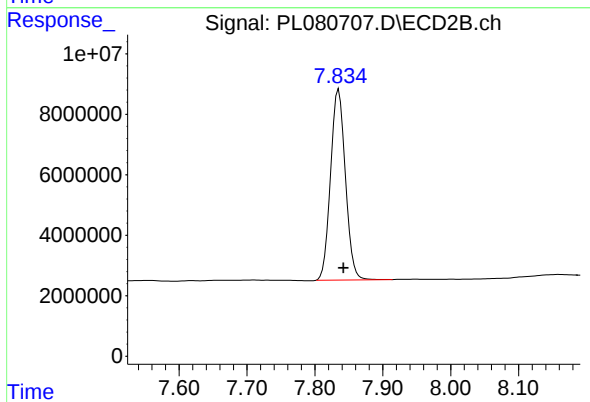
#28 Decachlorobiphenyl

R.T.: 8.789 min  
Delta R.T.: -0.004 min  
Response: 80833603  
Conc: 46.17 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: 95773689  
Conc: 40.20 ng/ml