

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072922\  
 Data File : PL076724.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jul 2022 09:35  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 07/29/2022  
 Supervised By : Ankita Jodhani 07/29/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 28 23:59:32 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL072622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 26 05:22:48 2022  
 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... | 3.427 | 2.643 | 57481851 | 142.6E6  | 55.698  | 48.068 |
| 28)                         | SA Decachlor... | 8.921 | 7.756 | 45267660 | 119.4E6  | 51.327  | 46.521 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.892 | 3.137 | 81691089 | 204.5E6  | 56.645  | 48.978 |
| 3)                          | MA gamma-BHC... | 4.228 | 3.463 | 78168622 | 184.2E6  | 57.894  | 48.335 |
| 4)                          | MA Heptachlor   | 4.804 | 3.797 | 73290622 | 180.3E6  | 54.612  | 47.764 |
| 5)                          | MB Aldrin       | 5.146 | 4.073 | 66423244 | 167.9E6  | 55.301  | 47.719 |
| 6)                          | B beta-BHC      | 4.439 | 3.761 | 32289535 | 79202060 | 54.110  | 46.709 |
| 7)                          | B delta-BHC     | 4.684 | 3.986 | 64688394 | 187.7E6  | 58.360  | 49.217 |
| 8)                          | B Heptachlo...  | 5.578 | 4.572 | 58536338 | 150.2E6  | 52.496  | 47.361 |
| 9)                          | A Endosulfan I  | 5.964 | 4.939 | 56844318 | 138.7E6  | 55.024  | 47.939 |
| 10)                         | B gamma-Chl...  | 5.833 | 4.822 | 61457255 | 152.5E6  | 55.428  | 47.663 |
| 11)                         | B alpha-Chl...  | 5.911 | 4.885 | 61123015 | 148.3E6  | 55.248  | 47.518 |
| 12)                         | B 4,4'-DDE      | 6.090 | 5.079 | 55194910 | 143.0E6  | 56.233  | 48.127 |
| 13)                         | MA Dieldrin     | 6.242 | 5.203 | 57699992 | 146.5E6  | 54.824  | 47.227 |
| 14)                         | MA Endrin       | 6.473 | 5.476 | 46817782 | 113.7E6  | 48.739  | 45.275 |
| 15)                         | B Endosulfa...  | 6.700 | 5.771 | 48430395 | 118.2E6  | 53.960  | 49.272 |
| 16)                         | A 4,4'-DDD      | 6.614 | 5.632 | 47559683 | 122.2E6  | 57.050  | 51.591 |
| 17)                         | MA 4,4'-DDT     | 6.924 | 5.881 | 44666787 | 107.7E6  | 49.153  | 44.835 |
| 18)                         | B Endrin al...  | 6.832 | 5.950 | 39795274 | 90132425 | 54.586  | 47.840 |
| 19)                         | B Endosulfa...  | 7.065 | 6.174 | 49189422 | 118.5E6  | 54.698  | 48.171 |
| 20)                         | A Methoxychlor  | 7.405 | 6.460 | 24864563 | 56807461 | 49.137  | 43.434 |
| 21)                         | B Endrin ke...  | 7.551 | 6.675 | 56360341 | 135.0E6  | 55.114m | 49.754 |
| 22)                         | Mirex           | 8.014 | 6.852 | 40083258 | 92683199 | 51.821  | 46.216 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072922\  
Data File : PL076724.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jul 2022 09:35  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

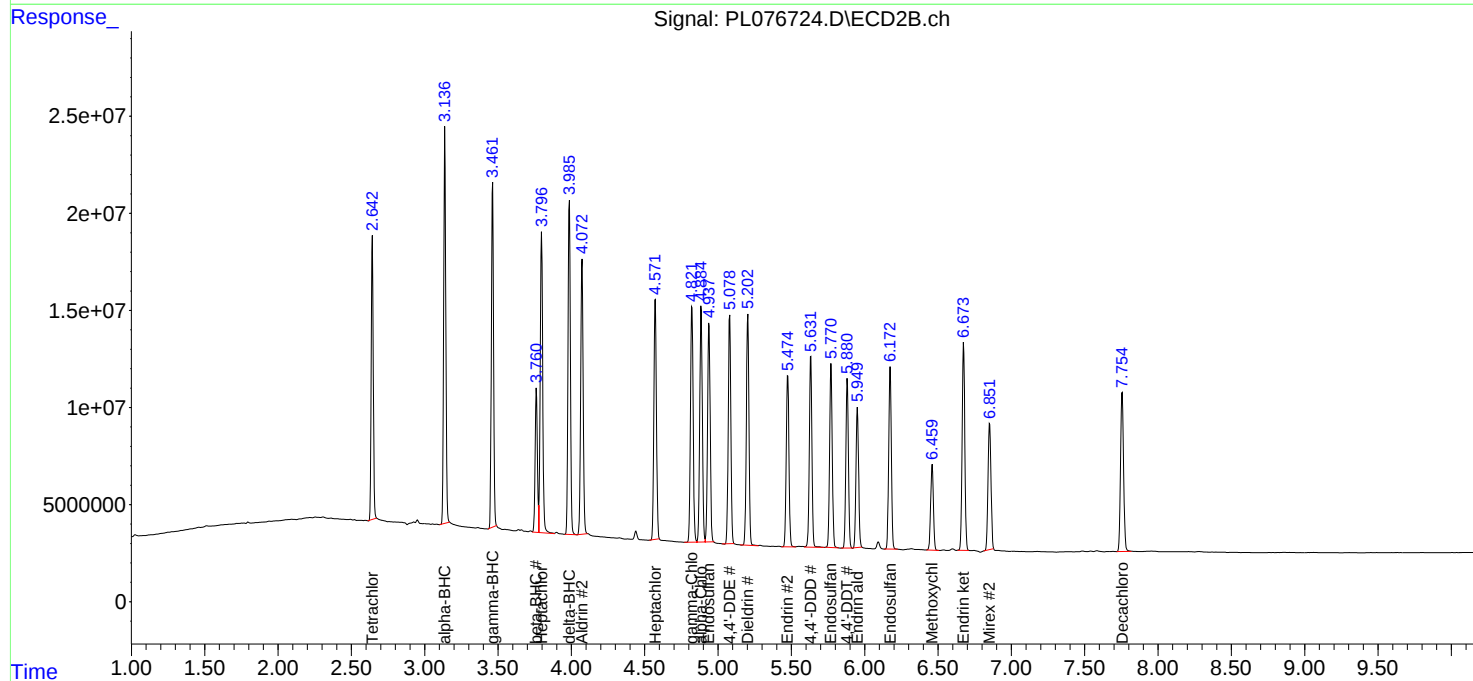
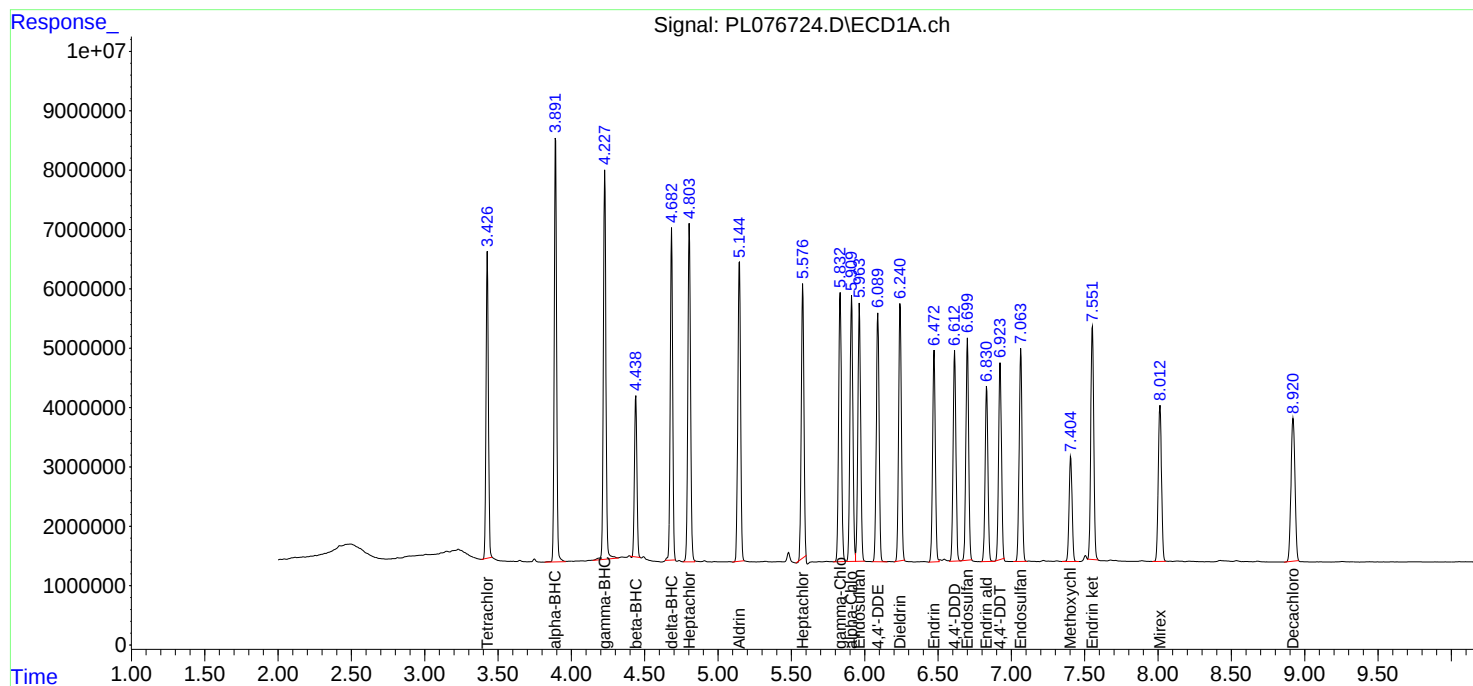
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

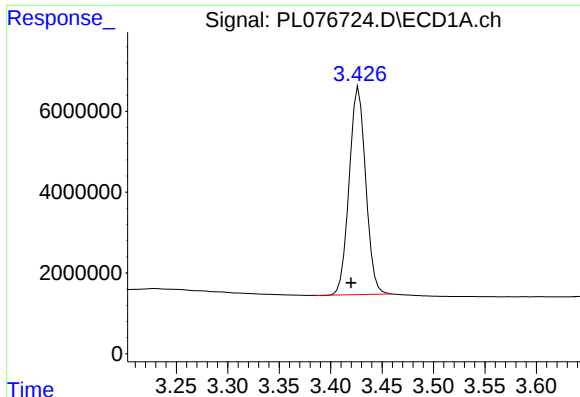
Manual Integrations  
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Reviewed By :Abdul Mirza 07/29/2022  
Supervised By :Ankita Jodhani 07/29/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 28 23:59:32 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL072622.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 26 05:22:48 2022  
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





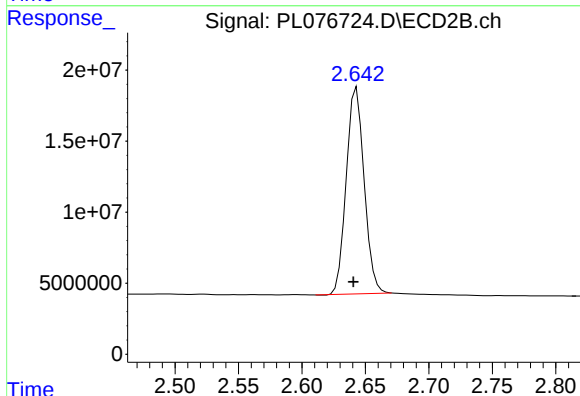
#1 Tetrachloro-m-xylene

R.T.: 3.427 min  
Delta R.T.: 0.007 min  
Response: 57481851  
Conc: 55.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

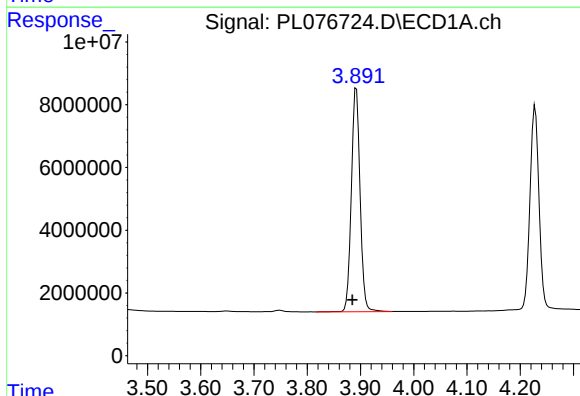
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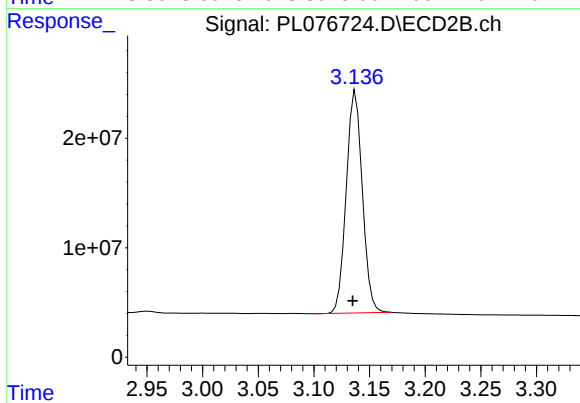
#1 Tetrachloro-m-xylene

R.T.: 2.643 min  
Delta R.T.: 0.002 min  
Response: 142579453  
Conc: 48.07 ng/ml



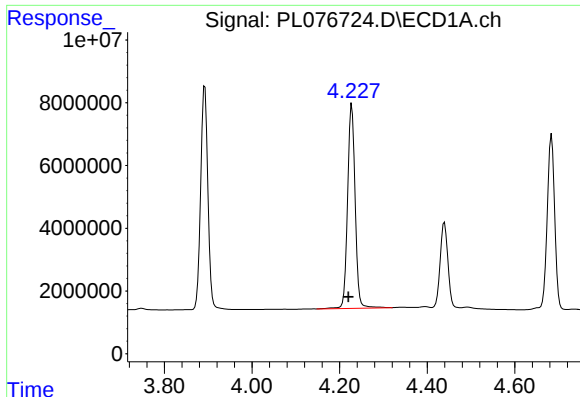
#2 alpha-BHC

R.T.: 3.892 min  
Delta R.T.: 0.008 min  
Response: 81691089  
Conc: 56.65 ng/ml



#2 alpha-BHC

R.T.: 3.137 min  
Delta R.T.: 0.003 min  
Response: 204487868  
Conc: 48.98 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.228 min  
Delta R.T.: 0.008 min  
Response: 78168622  
Conc: 57.89 ng/ml

Instrument :

ECD\_L

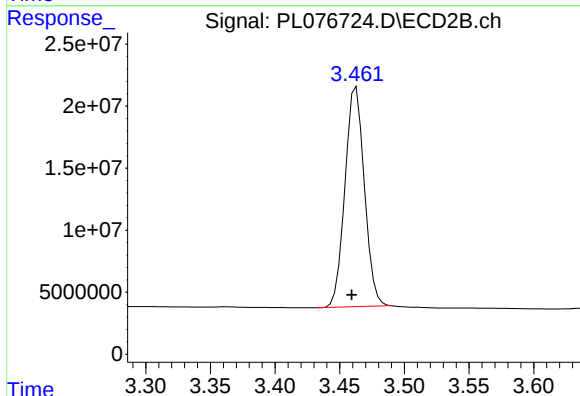
ClientSampleId :

PSTDCCC050

Manual Integrations

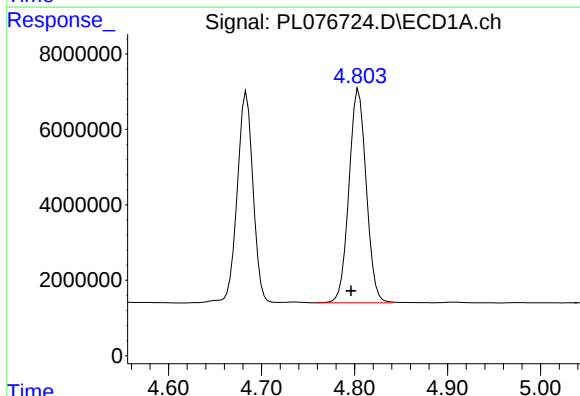
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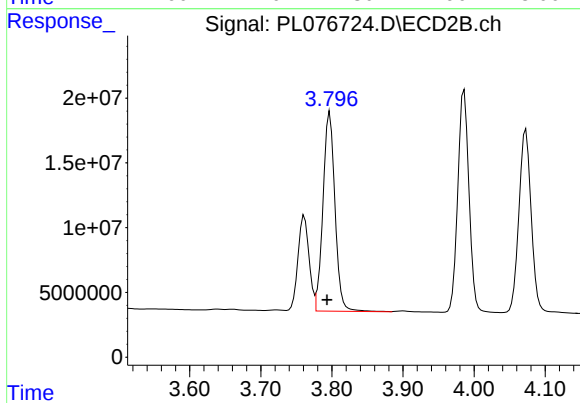
#3 gamma-BHC (Lindane)

R.T.: 3.463 min  
Delta R.T.: 0.004 min  
Response: 184224038  
Conc: 48.33 ng/ml



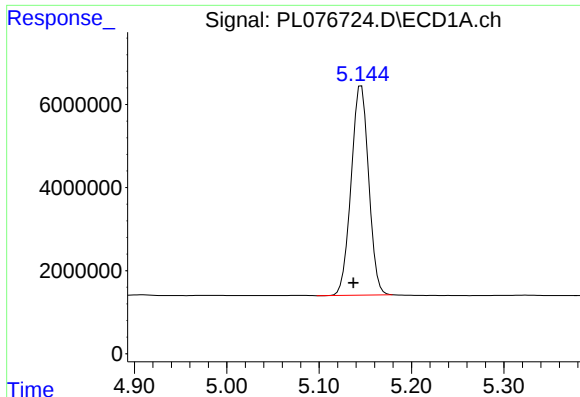
#4 Heptachlor

R.T.: 4.804 min  
Delta R.T.: 0.008 min  
Response: 73290622  
Conc: 54.61 ng/ml



#4 Heptachlor

R.T.: 3.797 min  
Delta R.T.: 0.004 min  
Response: 180348446  
Conc: 47.76 ng/ml



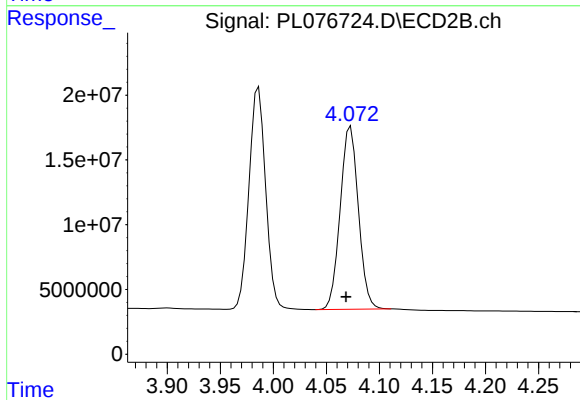
#5 Aldrin

R.T.: 5.146 min  
Delta R.T.: 0.009 min  
Response: 66423244  
Conc: 55.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

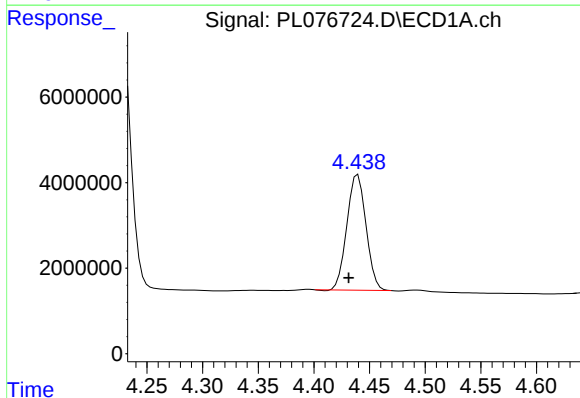
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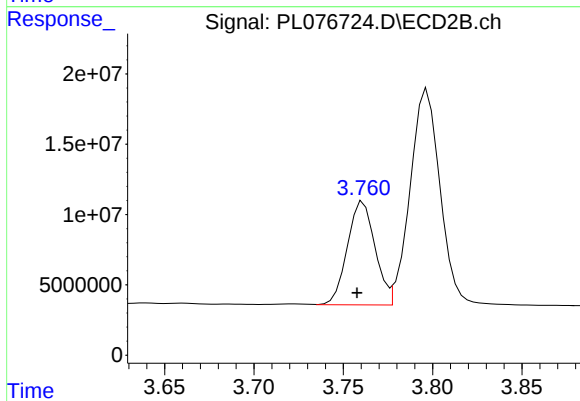
#5 Aldrin

R.T.: 4.073 min  
Delta R.T.: 0.004 min  
Response: 167868363  
Conc: 47.72 ng/ml



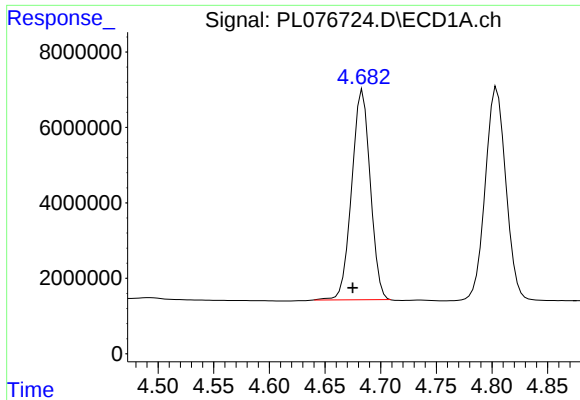
#6 beta-BHC

R.T.: 4.439 min  
Delta R.T.: 0.008 min  
Response: 32289535  
Conc: 54.11 ng/ml



#6 beta-BHC

R.T.: 3.761 min  
Delta R.T.: 0.004 min  
Response: 79202060  
Conc: 46.71 ng/ml



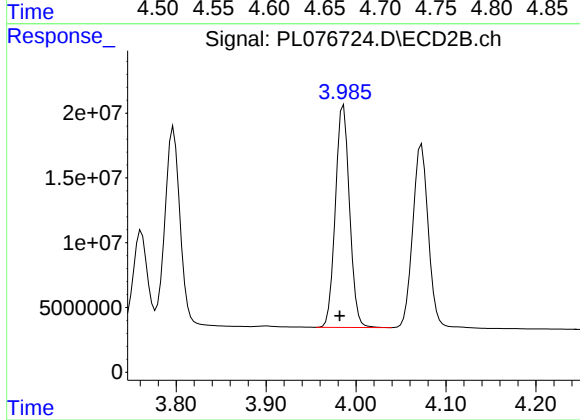
#7 delta-BHC

R.T.: 4.684 min  
Delta R.T.: 0.009 min  
Response: 64688394  
Conc: 58.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

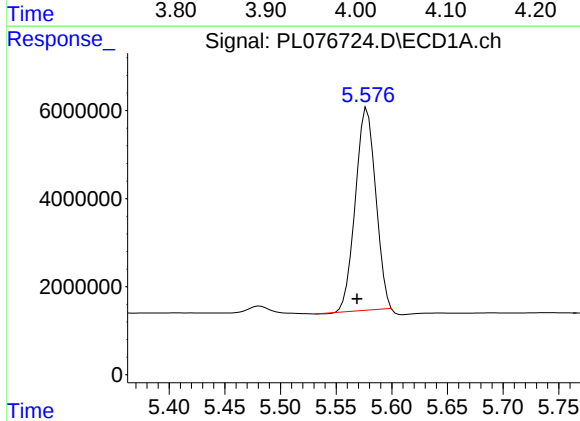
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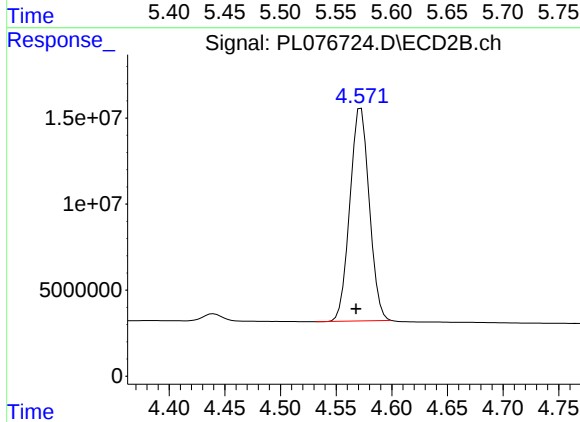
#7 delta-BHC

R.T.: 3.986 min  
Delta R.T.: 0.004 min  
Response: 187682928  
Conc: 49.22 ng/ml



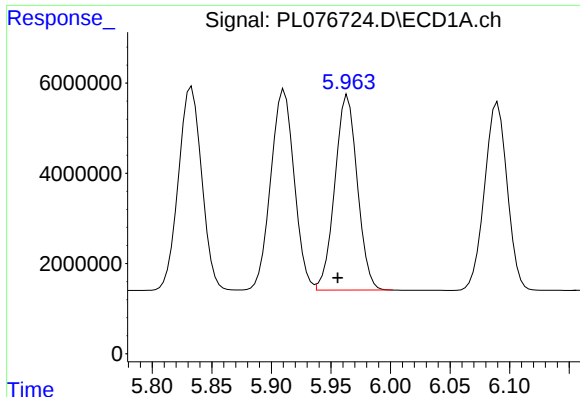
#8 Heptachlor epoxide

R.T.: 5.578 min  
Delta R.T.: 0.009 min  
Response: 58536338  
Conc: 52.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.572 min  
Delta R.T.: 0.004 min  
Response: 150217594  
Conc: 47.36 ng/ml



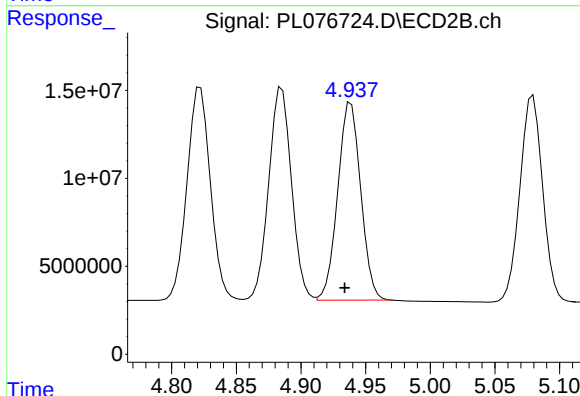
#9 Endosulfan I

R.T.: 5.964 min  
Delta R.T.: 0.008 min  
Response: 56844318  
Conc: 55.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

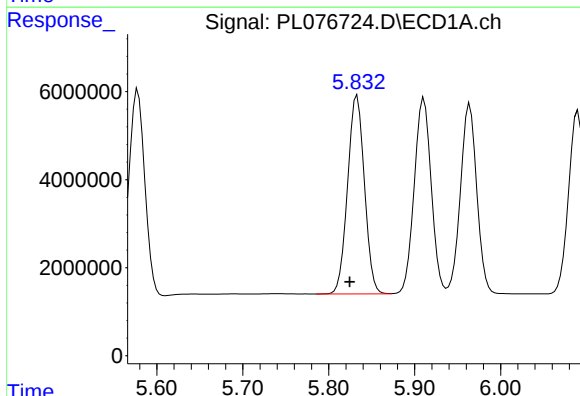
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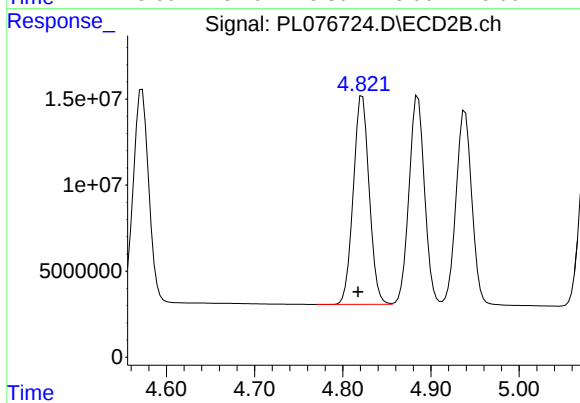
#9 Endosulfan I

R.T.: 4.939 min  
Delta R.T.: 0.005 min  
Response: 138722404  
Conc: 47.94 ng/ml



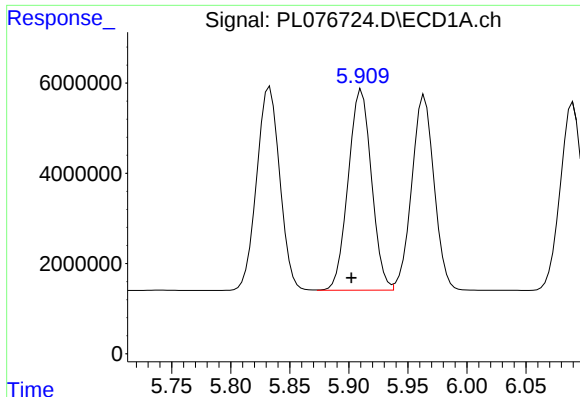
#10 gamma-Chlordane

R.T.: 5.833 min  
Delta R.T.: 0.008 min  
Response: 61457255  
Conc: 55.43 ng/ml



#10 gamma-Chlordane

R.T.: 4.822 min  
Delta R.T.: 0.005 min  
Response: 152544439  
Conc: 47.66 ng/ml



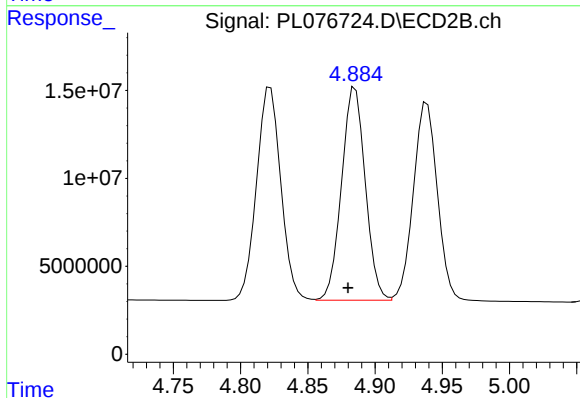
#11 alpha-Chlordane

R.T.: 5.911 min  
Delta R.T.: 0.009 min  
Response: 61123015  
Conc: 55.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

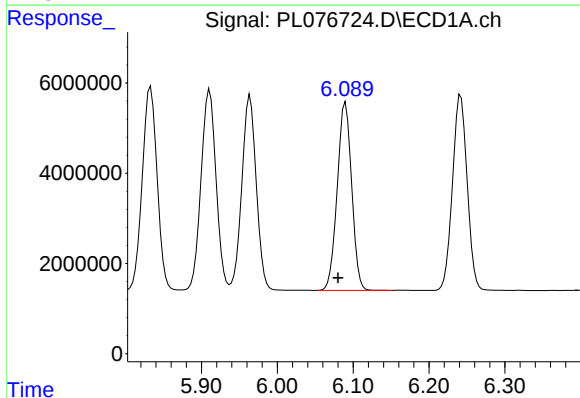
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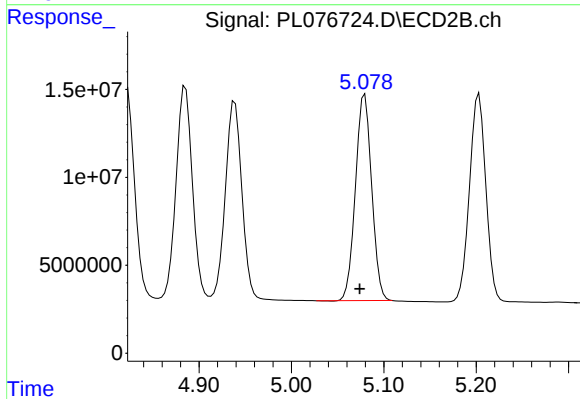
#11 alpha-Chlordane

R.T.: 4.885 min  
Delta R.T.: 0.005 min  
Response: 148298417  
Conc: 47.52 ng/ml



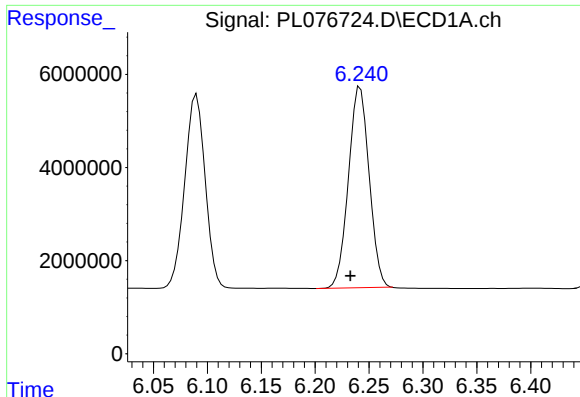
#12 4,4'-DDE

R.T.: 6.090 min  
Delta R.T.: 0.010 min  
Response: 55194910  
Conc: 56.23 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min  
Delta R.T.: 0.005 min  
Response: 143038302  
Conc: 48.13 ng/ml



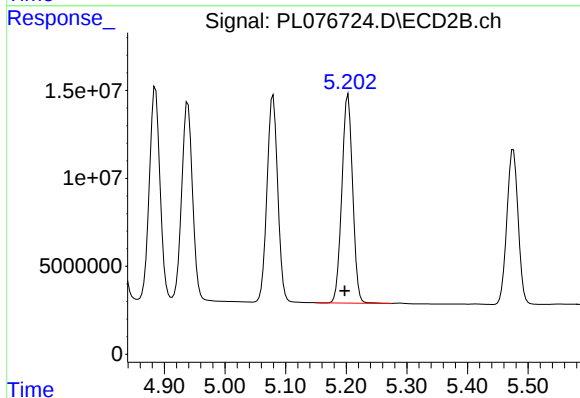
#13 Dieldrin

R.T.: 6.242 min  
Delta R.T.: 0.009 min  
Response: 57699992  
Conc: 54.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

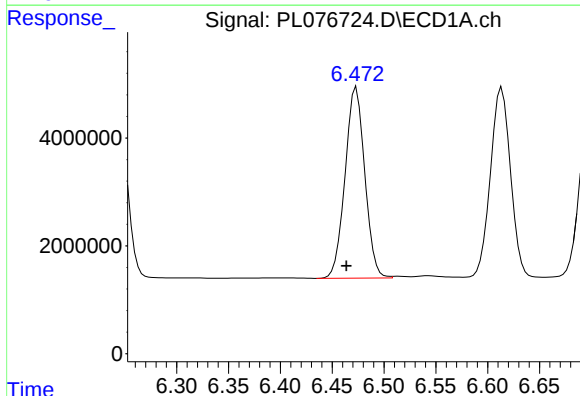
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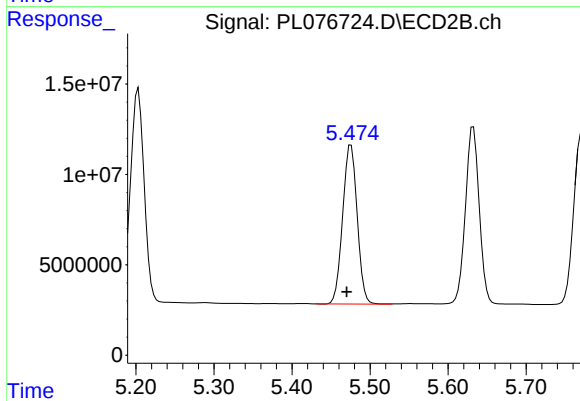
#13 Dieldrin

R.T.: 5.203 min  
Delta R.T.: 0.006 min  
Response: 146548039  
Conc: 47.23 ng/ml



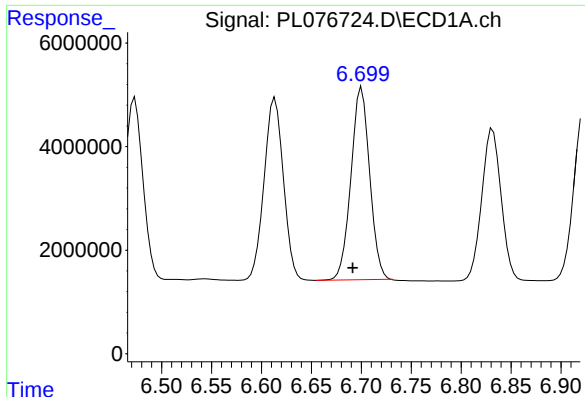
#14 Endrin

R.T.: 6.473 min  
Delta R.T.: 0.009 min  
Response: 46817782  
Conc: 48.74 ng/ml



#14 Endrin

R.T.: 5.476 min  
Delta R.T.: 0.006 min  
Response: 113660866  
Conc: 45.27 ng/ml



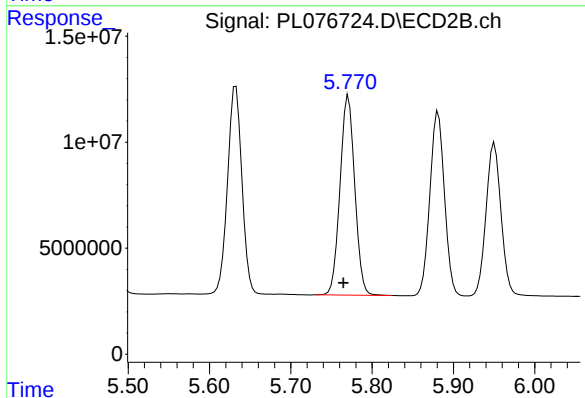
#15 Endosulfan II

R.T.: 6.700 min  
Delta R.T.: 0.009 min  
Response: 48430395  
Conc: 53.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

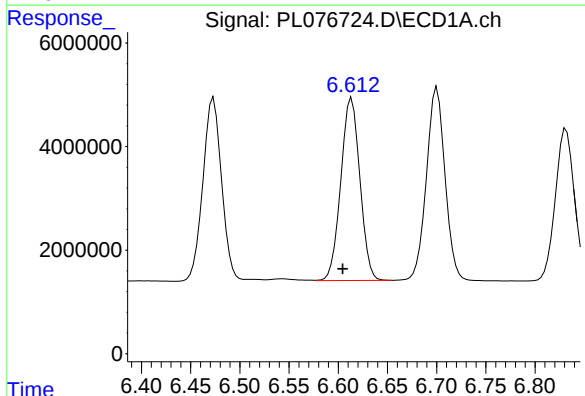
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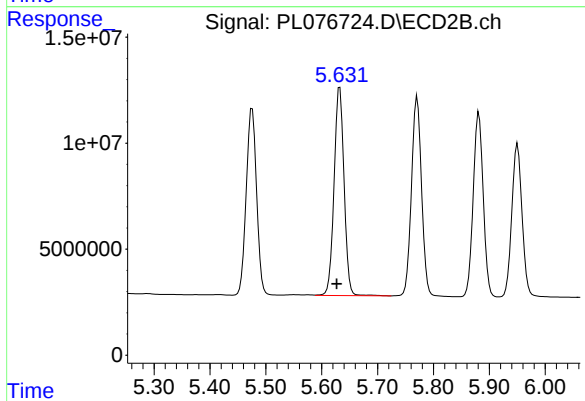
#15 Endosulfan II

R.T.: 5.771 min  
Delta R.T.: 0.006 min  
Response: 118157451  
Conc: 49.27 ng/ml



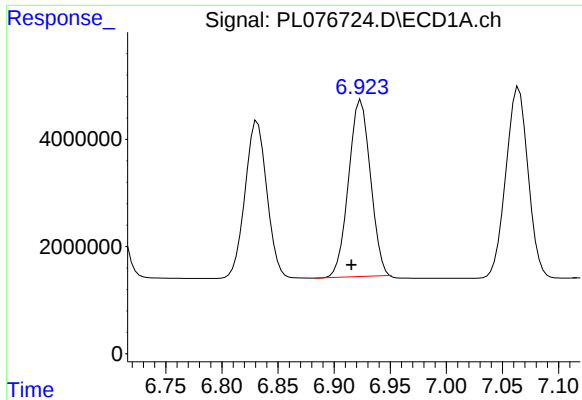
#16 4,4'-DDD

R.T.: 6.614 min  
Delta R.T.: 0.009 min  
Response: 47559683  
Conc: 57.05 ng/ml



#16 4,4'-DDD

R.T.: 5.632 min  
Delta R.T.: 0.006 min  
Response: 122220722  
Conc: 51.59 ng/ml



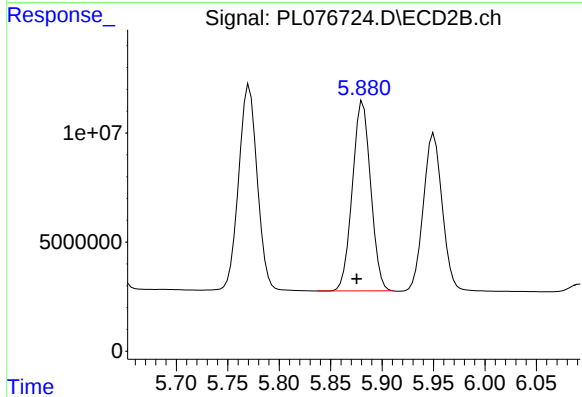
#17 4,4'-DDT

R.T.: 6.924 min  
Delta R.T.: 0.009 min  
Response: 44666787  
Conc: 49.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

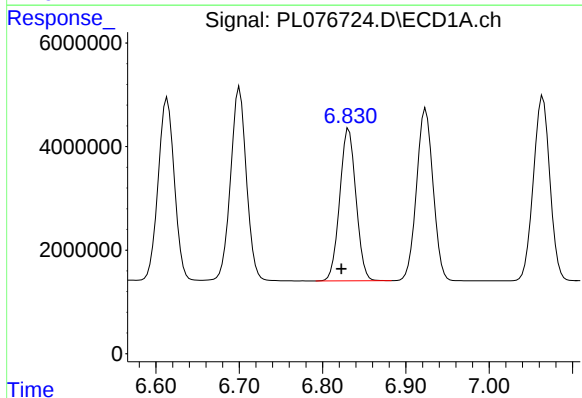
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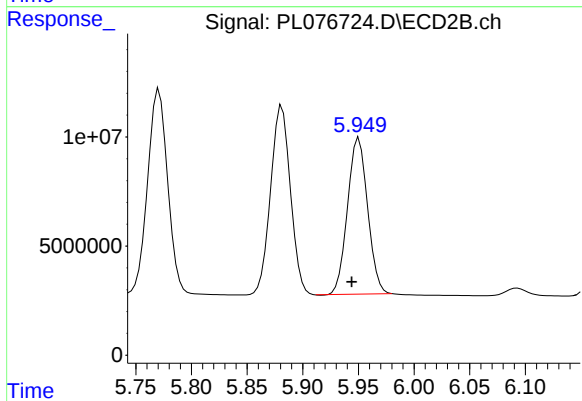
#17 4,4'-DDT

R.T.: 5.881 min  
Delta R.T.: 0.006 min  
Response: 107720858  
Conc: 44.84 ng/ml



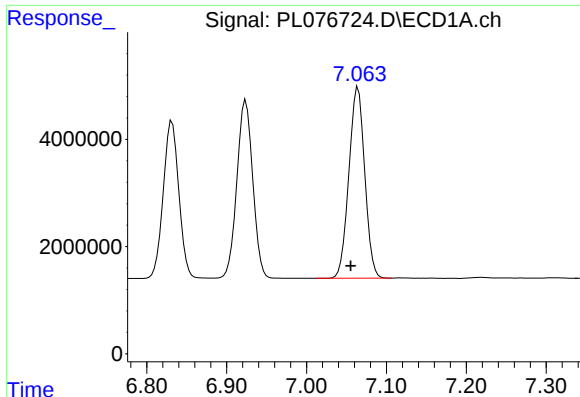
#18 Endrin aldehyde

R.T.: 6.832 min  
Delta R.T.: 0.009 min  
Response: 39795274  
Conc: 54.59 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min  
Delta R.T.: 0.006 min  
Response: 90132425  
Conc: 47.84 ng/ml



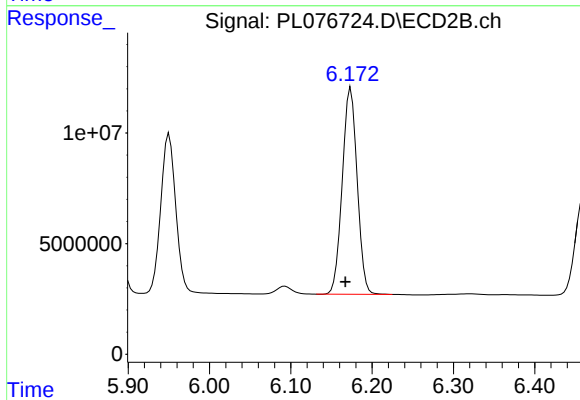
#19 Endosulfan Sulfate

R.T.: 7.065 min  
Delta R.T.: 0.009 min  
Response: 49189422  
Conc: 54.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

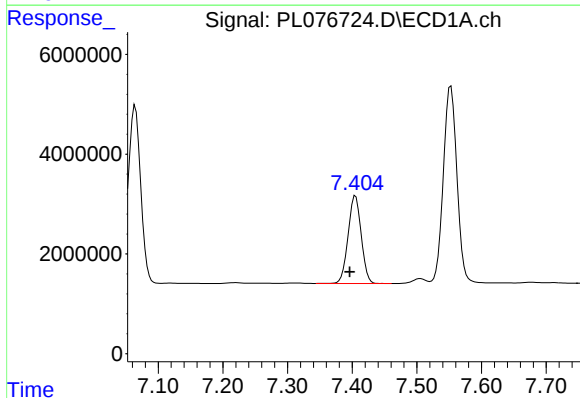
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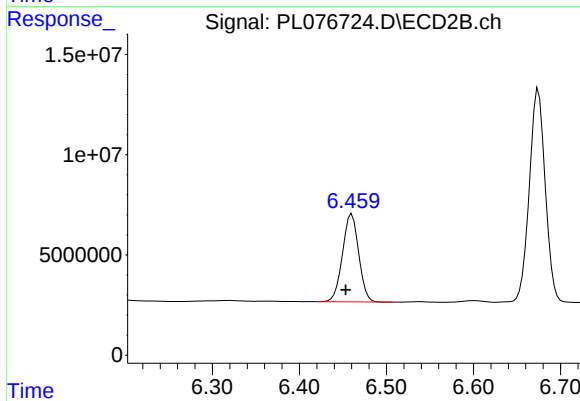
#19 Endosulfan Sulfate

R.T.: 6.174 min  
Delta R.T.: 0.006 min  
Response: 118487173  
Conc: 48.17 ng/ml



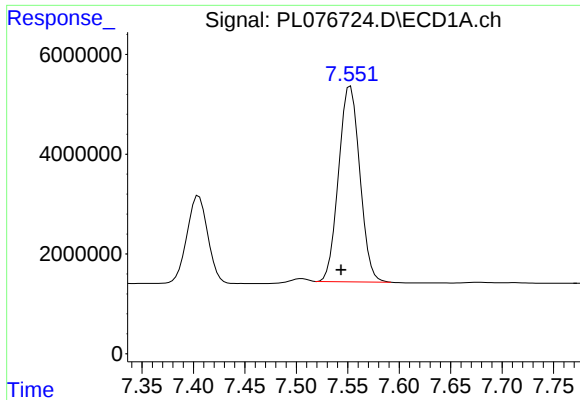
#20 Methoxychlor

R.T.: 7.405 min  
Delta R.T.: 0.009 min  
Response: 24864563  
Conc: 49.14 ng/ml



#20 Methoxychlor

R.T.: 6.460 min  
Delta R.T.: 0.007 min  
Response: 56807461  
Conc: 43.43 ng/ml



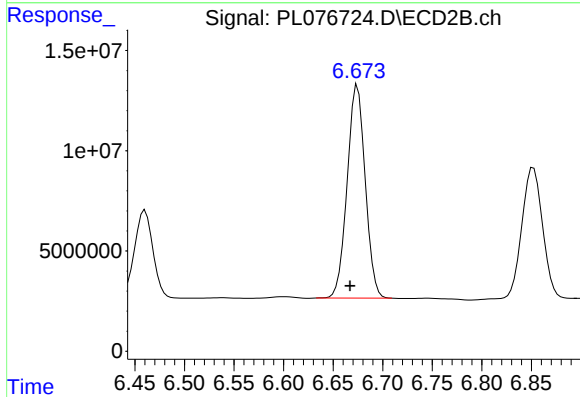
#21 Endrin ketone

R.T.: 7.551 min  
Delta R.T.: 0.008 min  
Response: 56360341  
Conc: 55.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

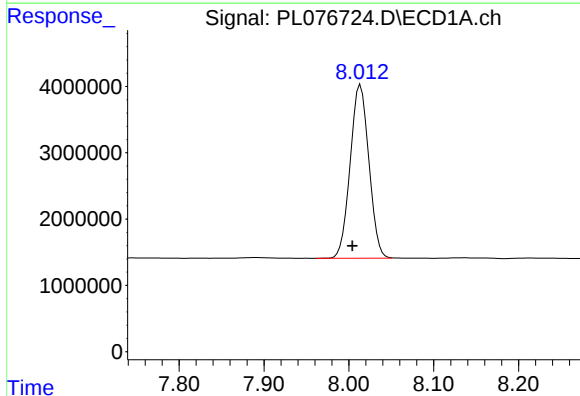
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/29/2022  
Supervised By :Ankita Jodhani 07/29/2022



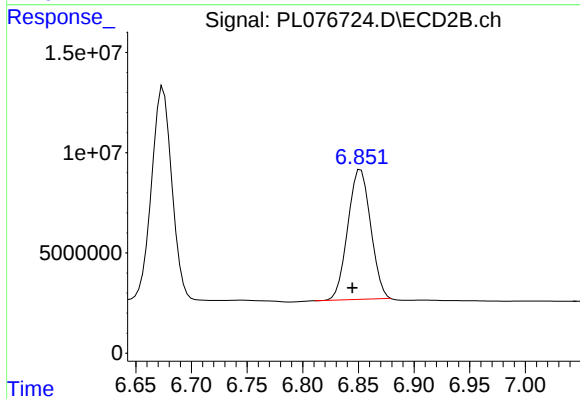
#21 Endrin ketone

R.T.: 6.675 min  
Delta R.T.: 0.007 min  
Response: 135039364  
Conc: 49.75 ng/ml



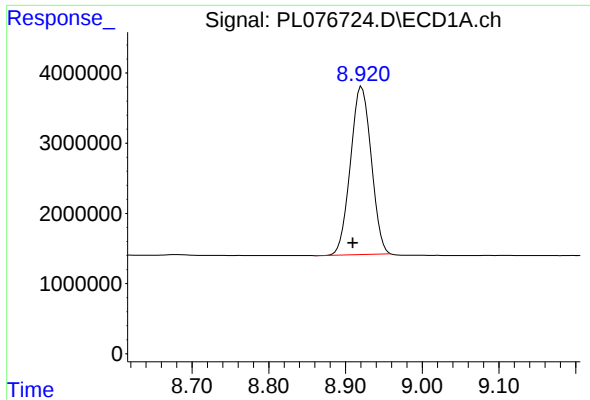
#22 Mirex

R.T.: 8.014 min  
Delta R.T.: 0.009 min  
Response: 40083258  
Conc: 51.82 ng/ml



#22 Mirex

R.T.: 6.852 min  
Delta R.T.: 0.007 min  
Response: 92683199  
Conc: 46.22 ng/ml



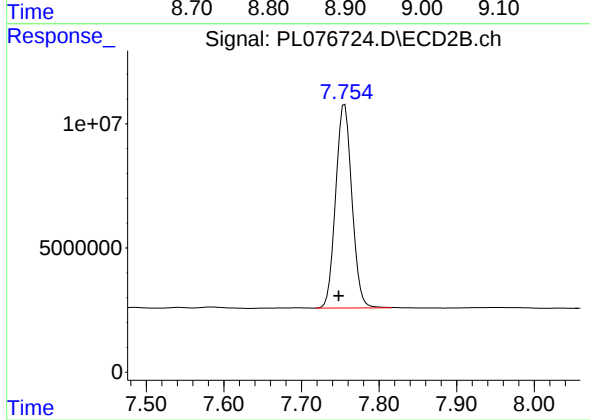
#28 Decachlorobiphenyl

R.T.: 8.921 min  
Delta R.T.: 0.012 min  
Response: 45267660  
Conc: 51.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/29/2022  
Supervised By :Ankita Jodhani 07/29/2022



#28 Decachlorobiphenyl

R.T.: 7.756 min  
Delta R.T.: 0.008 min  
Response: 119407880  
Conc: 46.52 ng/ml