

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110822\  
 Data File : PL078905.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Nov 2022 11:55  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 11/10/2022  
 Supervised By :Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 08 21:06:56 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 07:08:41 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... | 3.328 | 2.568 | 94872946 | 123.3E6  | 49.749  | 48.277  |
| 2)                          | SA Decachlor... | 8.777 | 7.638 | 73842344 | 98711921 | 49.086  | 52.115  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.788 | 3.054 | 147.5E6  | 178.3E6  | 51.370  | 45.157  |
| 3)                          | MA gamma-BHC... | 4.121 | 3.375 | 136.6E6  | 161.7E6  | 51.110  | 44.988  |
| 4)                          | MA Heptachlor   | 4.692 | 3.702 | 136.8E6  | 174.0E6  | 52.706  | 50.179  |
| 5)                          | MB Aldrin       | 5.029 | 3.974 | 126.3E6  | 172.2E6  | 50.997  | 49.170  |
| 6)                          | B beta-BHC      | 4.336 | 3.676 | 49857252 | 66582027 | 43.280  | 46.404  |
| 7)                          | B delta-BHC     | 4.577 | 3.895 | 105.4E6  | 173.4E6  | 46.280  | 47.614  |
| 8)                          | B Heptachlo...  | 5.462 | 4.471 | 87786399 | 144.4E6  | 41.350  | 47.925  |
| 9)                          | A Endosulfan I  | 5.847 | 4.834 | 107.4E6  | 139.2E6  | 50.357  | 48.623  |
| 10)                         | B gamma-Chl...  | 5.718 | 4.719 | 112.4E6  | 144.8E6  | 49.819  | 47.255  |
| 11)                         | B alpha-Chl...  | 5.794 | 4.781 | 115.1E6  | 143.1E6  | 49.756  | 48.015  |
| 12)                         | B 4,4'-DDE      | 5.978 | 4.976 | 100.0E6  | 132.9E6  | 49.977  | 48.805  |
| 13)                         | MA Dieldrin     | 6.124 | 5.096 | 105.3E6  | 143.0E6  | 48.813  | 48.254  |
| 14)                         | MA Endrin       | 6.355 | 5.367 | 93931758 | 123.4E6  | 49.494  | 47.349  |
| 15)                         | B Endosulfa...  | 6.583 | 5.662 | 89864731 | 105.1E6  | 47.898m | 46.155m |
| 16)                         | A 4,4'-DDD      | 6.503 | 5.527 | 86750133 | 105.8E6  | 52.039  | 48.176  |
| 17)                         | MA 4,4'-DDT     | 6.812 | 5.772 | 90603116 | 116.9E6  | 50.551  | 53.900m |
| 18)                         | B Endrin al...  | 6.716 | 5.842 | 70670393 | 96417747 | 48.569  | 51.374  |
| 19)                         | B Endosulfa...  | 6.948 | 6.064 | 88420884 | 120.9E6  | 48.057  | 50.779  |
| 20)                         | A Methoxychlor  | 7.296 | 6.351 | 45778295 | 61701475 | 49.711  | 54.372  |
| 21)                         | B Endrin ke...  | 7.435 | 6.561 | 94134338 | 131.3E6  | 50.034  | 50.786  |
| 22)                         | Mirex           | 7.891 | 6.733 | 71837878 | 97401926 | 49.210  | 49.494  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110822\  
Data File : PL078905.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Nov 2022 11:55  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

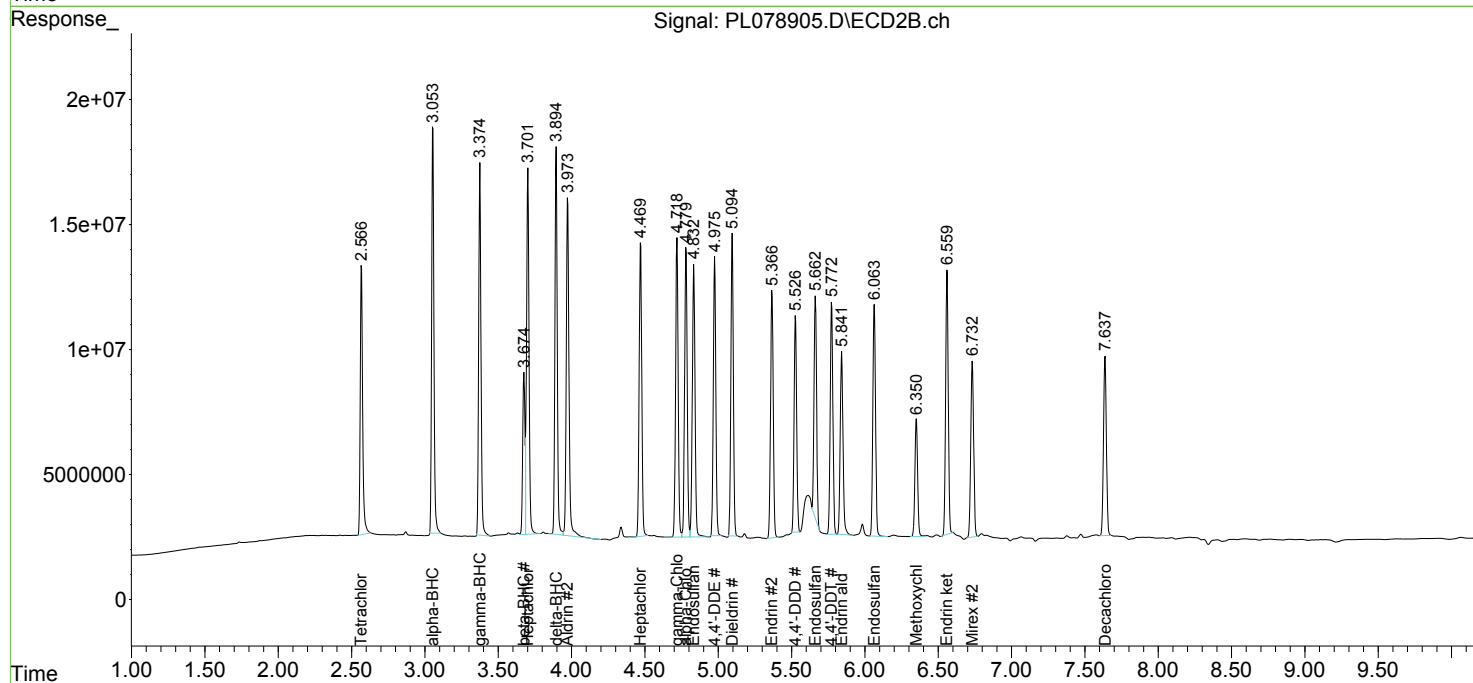
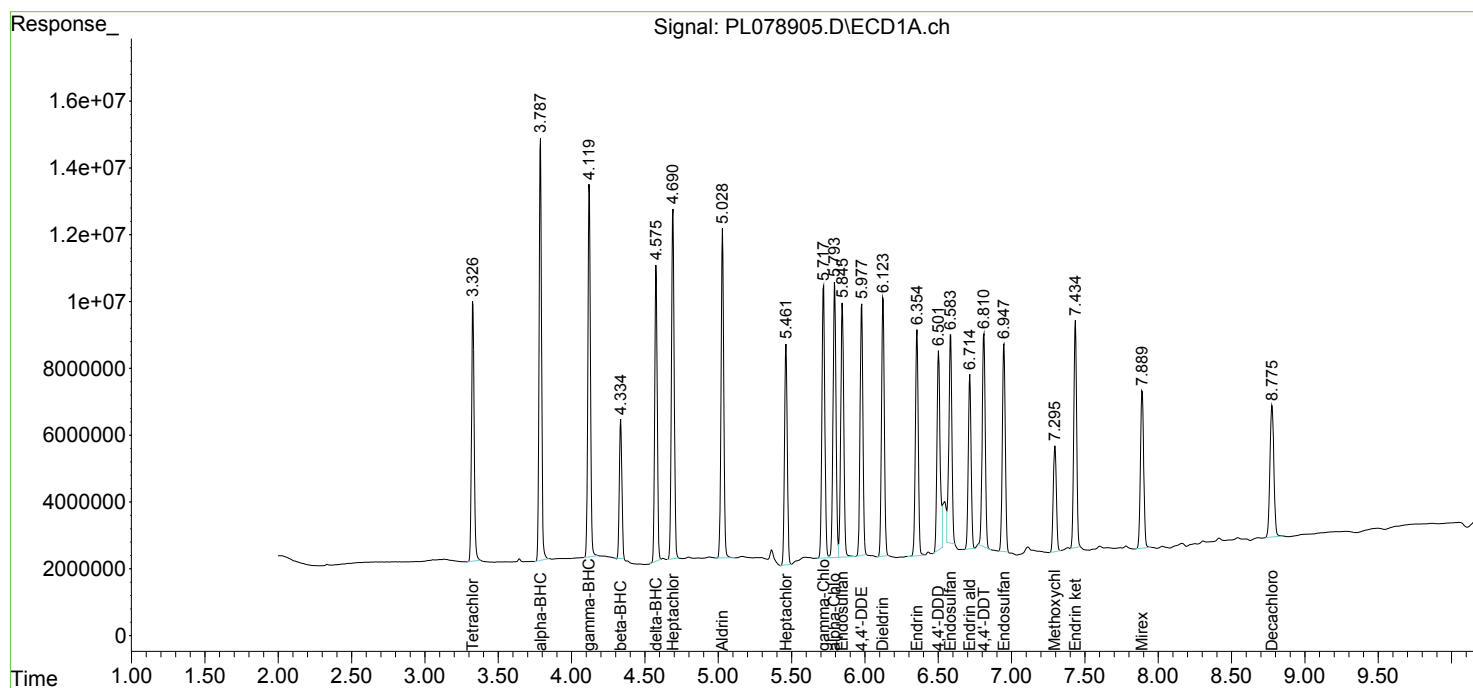
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

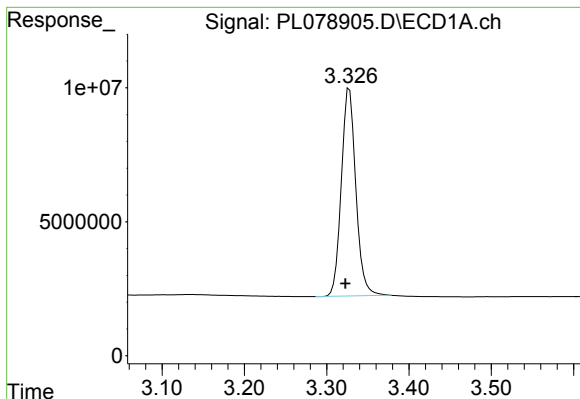
Manual Integrations  
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Reviewed By : Abdul Mirza 11/10/2022  
Supervised By : Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 08 21:06:56 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 21 07:08:41 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





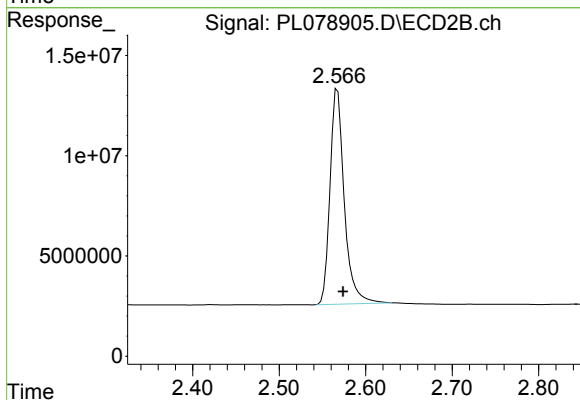
#1 Tetrachloro-m-xylene

R.T.: 3.328 min  
Delta R.T.: 0.005 min  
Response: 94872946  
Conc: 49.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

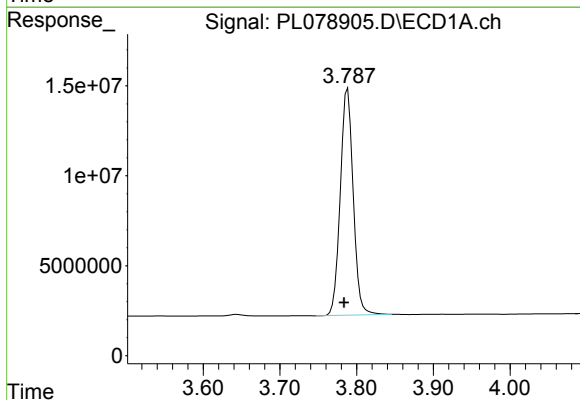
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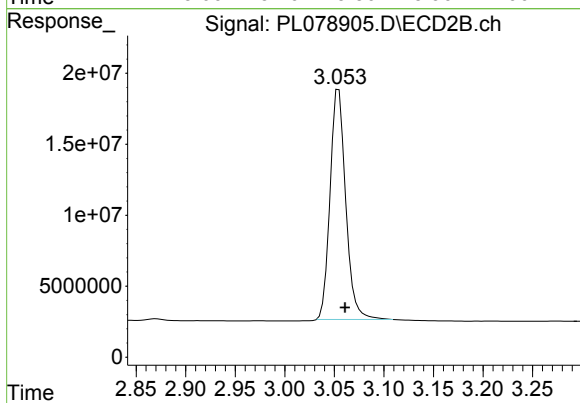
#1 Tetrachloro-m-xylene

R.T.: 2.568 min  
Delta R.T.: -0.006 min  
Response: 123259335  
Conc: 48.28 ng/ml



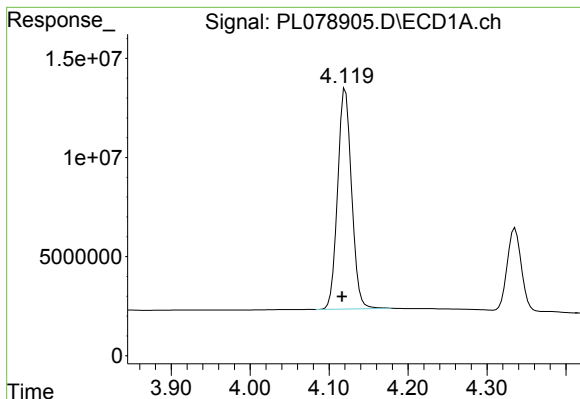
#2 alpha-BHC

R.T.: 3.788 min  
Delta R.T.: 0.005 min  
Response: 147502621  
Conc: 51.37 ng/ml



#2 alpha-BHC

R.T.: 3.054 min  
Delta R.T.: -0.006 min  
Response: 178328432  
Conc: 45.16 ng/ml



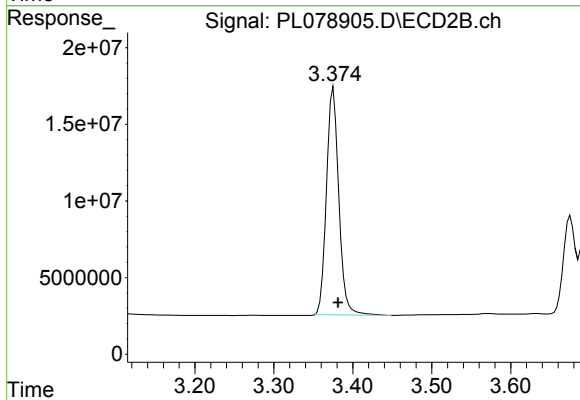
#3 gamma-BHC (Lindane)

R.T.: 4.121 min  
Delta R.T.: 0.004 min  
Response: 136552695  
Conc: 51.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

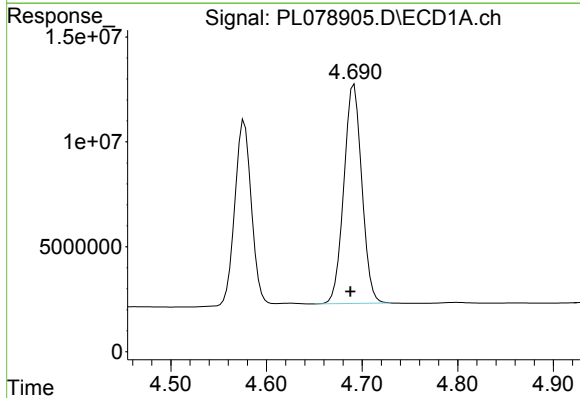
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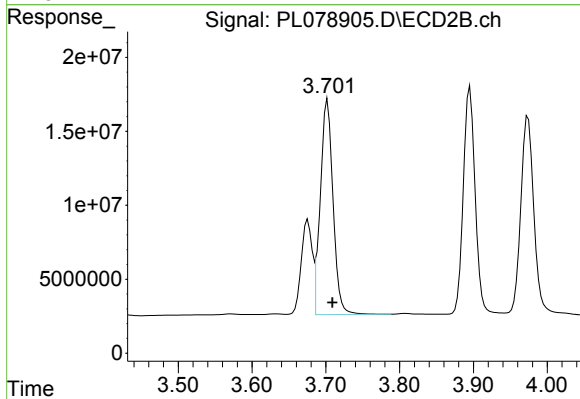
#3 gamma-BHC (Lindane)

R.T.: 3.375 min  
Delta R.T.: -0.006 min  
Response: 161696886  
Conc: 44.99 ng/ml



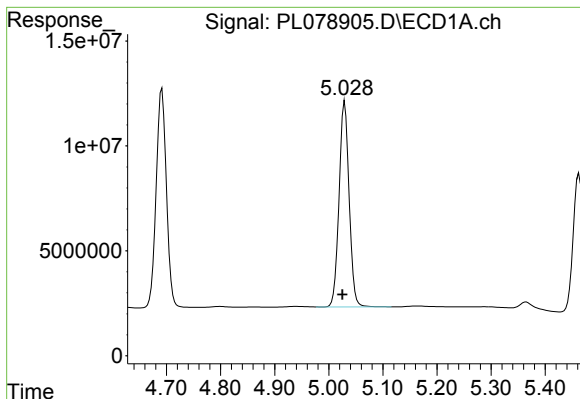
#4 Heptachlor

R.T.: 4.692 min  
Delta R.T.: 0.004 min  
Response: 136824935  
Conc: 52.71 ng/ml



#4 Heptachlor

R.T.: 3.702 min  
Delta R.T.: -0.006 min  
Response: 174011512  
Conc: 50.18 ng/ml



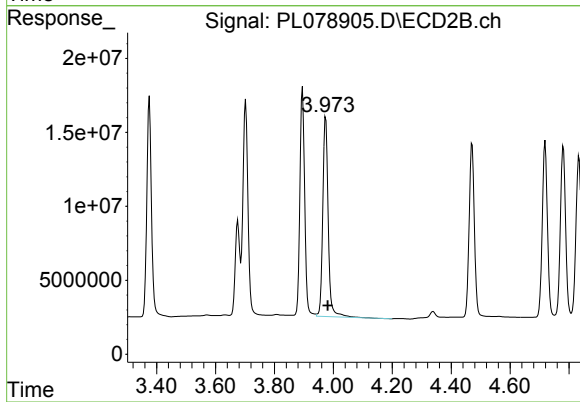
#5 Aldrin

R.T.: 5.029 min  
Delta R.T.: 0.004 min  
Response: 126303625  
Conc: 51.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

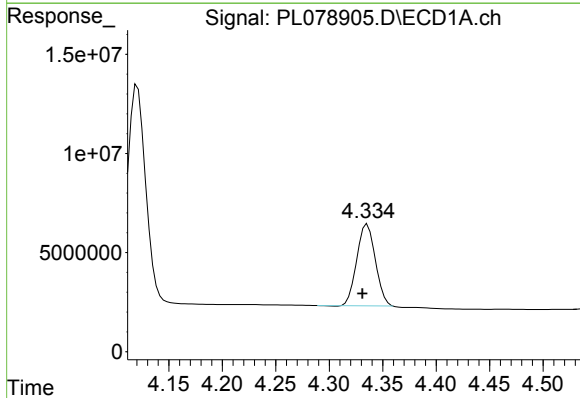
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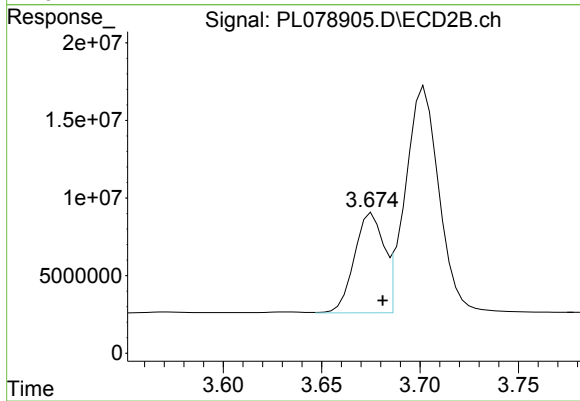
#5 Aldrin

R.T.: 3.974 min  
Delta R.T.: -0.006 min  
Response: 172180475  
Conc: 49.17 ng/ml



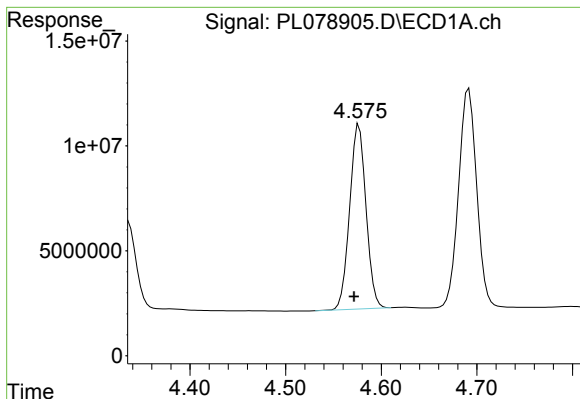
#6 beta-BHC

R.T.: 4.336 min  
Delta R.T.: 0.005 min  
Response: 49857252  
Conc: 43.28 ng/ml



#6 beta-BHC

R.T.: 3.676 min  
Delta R.T.: -0.005 min  
Response: 66582027  
Conc: 46.40 ng/ml



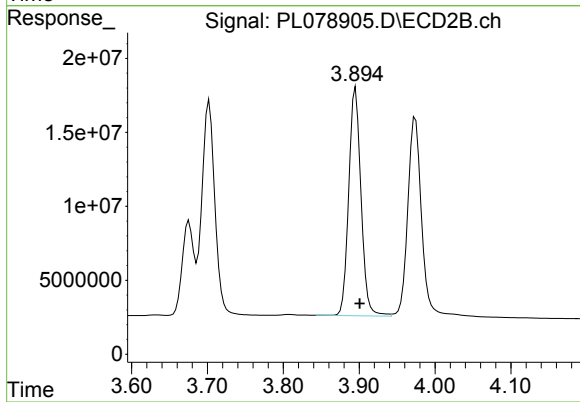
#7 delta-BHC

R.T.: 4.577 min  
Delta R.T.: 0.005 min  
Response: 105372751  
Conc: 46.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

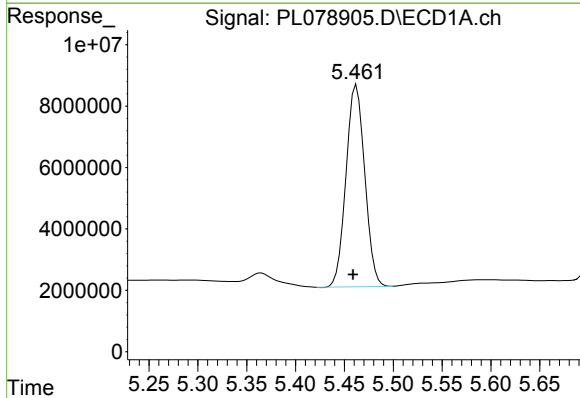
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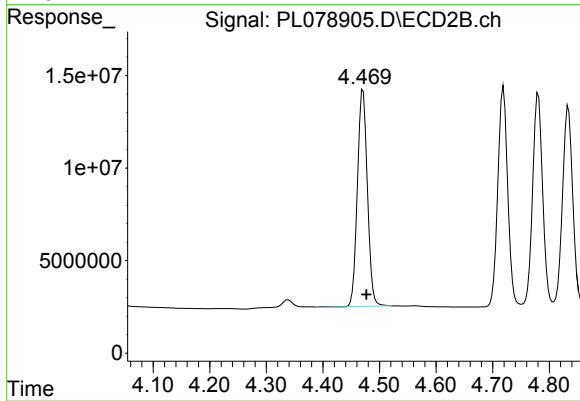
#7 delta-BHC

R.T.: 3.895 min  
Delta R.T.: -0.006 min  
Response: 173377834  
Conc: 47.61 ng/ml



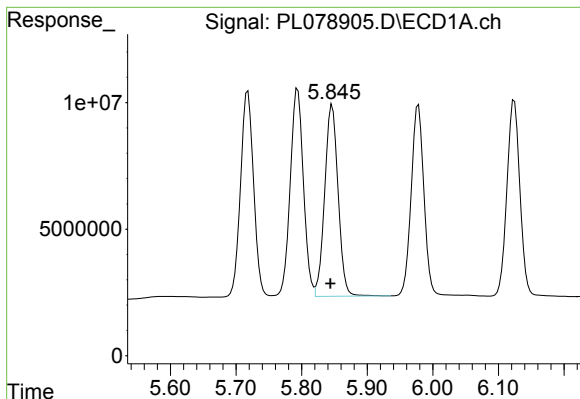
#8 Heptachlor epoxide

R.T.: 5.462 min  
Delta R.T.: 0.004 min  
Response: 87786399  
Conc: 41.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.471 min  
Delta R.T.: -0.006 min  
Response: 144408253  
Conc: 47.92 ng/ml



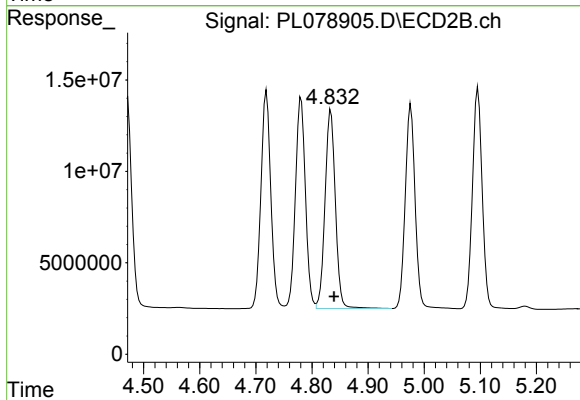
#9 Endosulfan I

R.T.: 5.847 min  
Delta R.T.: 0.003 min  
Response: 107441535  
Conc: 50.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

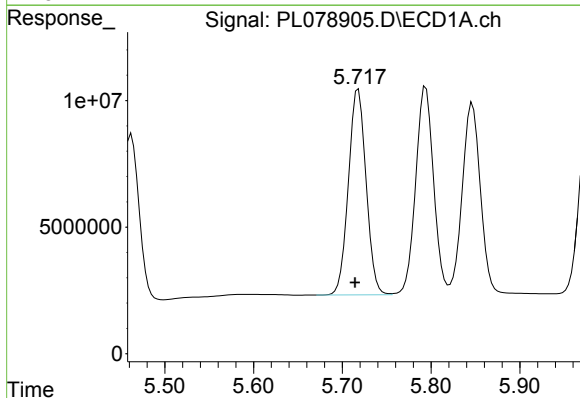
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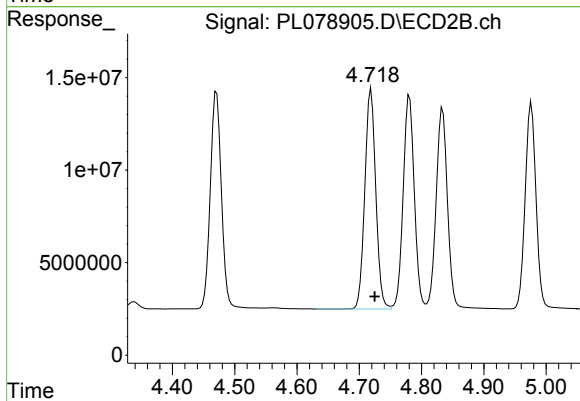
#9 Endosulfan I

R.T.: 4.834 min  
Delta R.T.: -0.006 min  
Response: 139191766  
Conc: 48.62 ng/ml



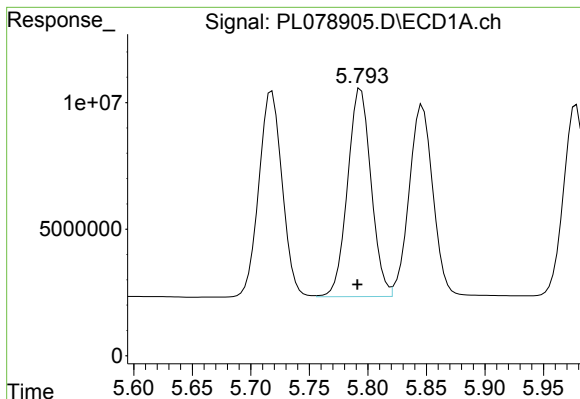
#10 gamma-Chlordane

R.T.: 5.718 min  
Delta R.T.: 0.004 min  
Response: 112448511  
Conc: 49.82 ng/ml



#10 gamma-Chlordane

R.T.: 4.719 min  
Delta R.T.: -0.006 min  
Response: 144812272  
Conc: 47.26 ng/ml



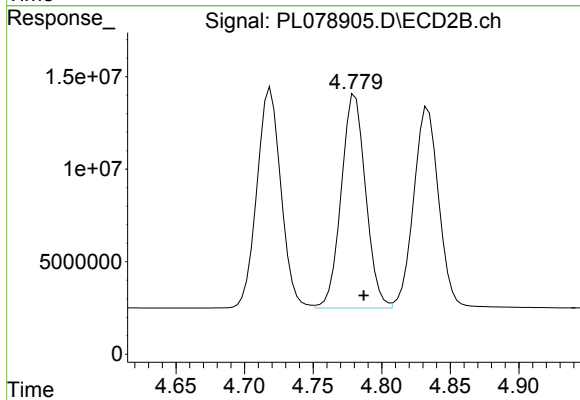
#11 alpha-Chlordane

R.T.: 5.794 min  
Delta R.T.: 0.003 min  
Response: 115124556  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

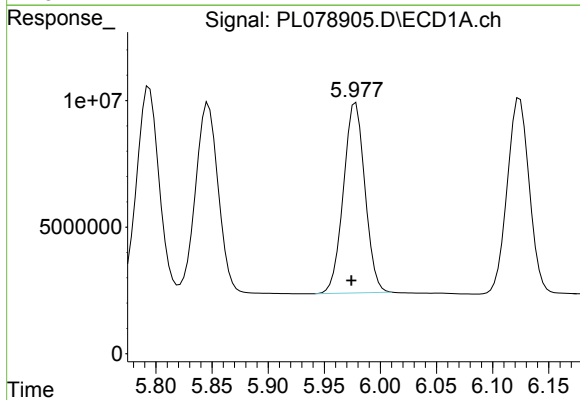
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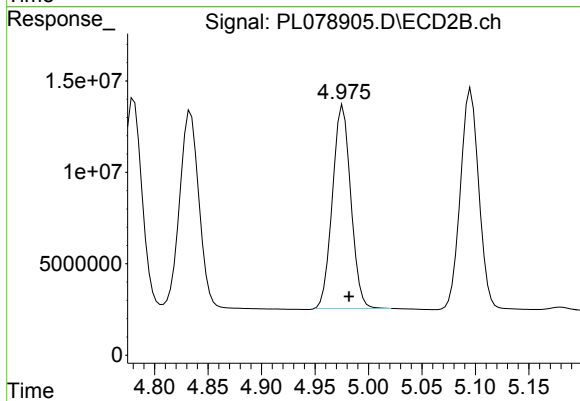
#11 alpha-Chlordane

R.T.: 4.781 min  
Delta R.T.: -0.006 min  
Response: 143102262  
Conc: 48.01 ng/ml



#12 4,4'-DDE

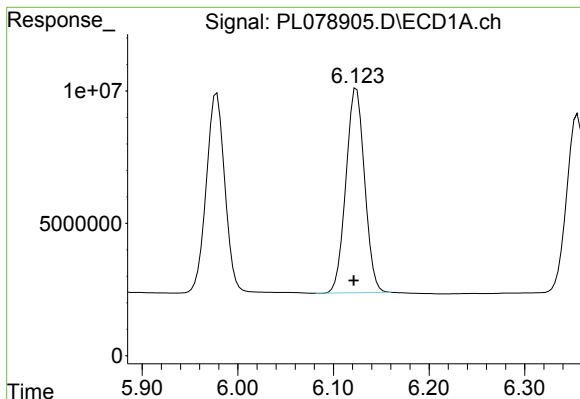
R.T.: 5.978 min  
Delta R.T.: 0.004 min  
Response: 100020614  
Conc: 49.98 ng/ml



#12 4,4'-DDE

R.T.: 4.976 min  
Delta R.T.: -0.006 min  
Response: 132873883  
Conc: 48.81 ng/ml





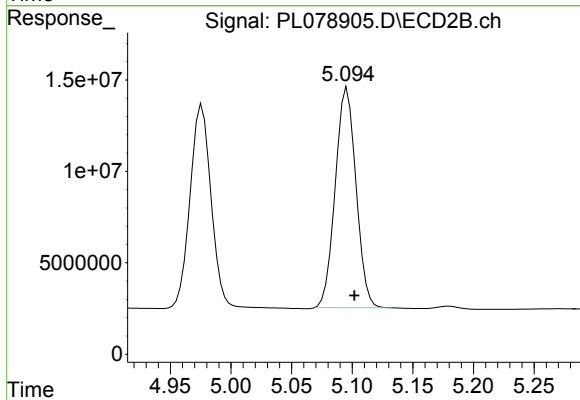
#13 Dieldrin

R.T.: 6.124 min  
Delta R.T.: 0.003 min  
Response: 105265125  
Conc: 48.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

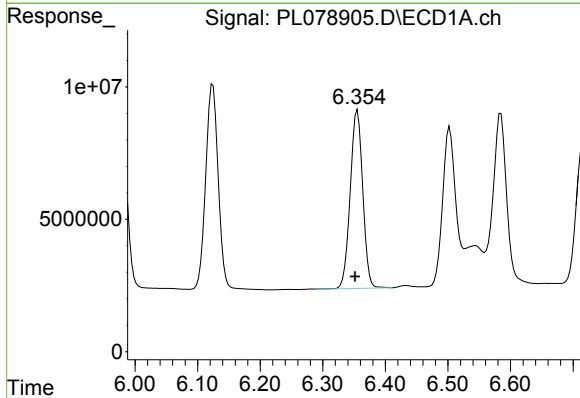
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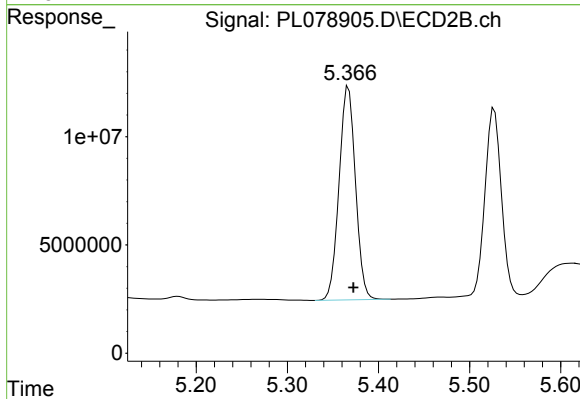
#13 Dieldrin

R.T.: 5.096 min  
Delta R.T.: -0.006 min  
Response: 142980104  
Conc: 48.25 ng/ml



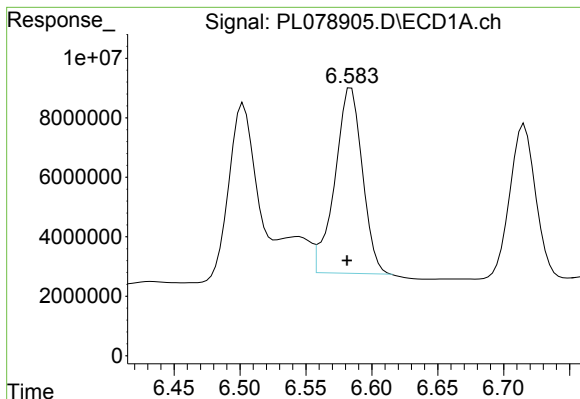
#14 Endrin

R.T.: 6.355 min  
Delta R.T.: 0.004 min  
Response: 93931758  
Conc: 49.49 ng/ml



#14 Endrin

R.T.: 5.367 min  
Delta R.T.: -0.005 min  
Response: 123356618  
Conc: 47.35 ng/ml



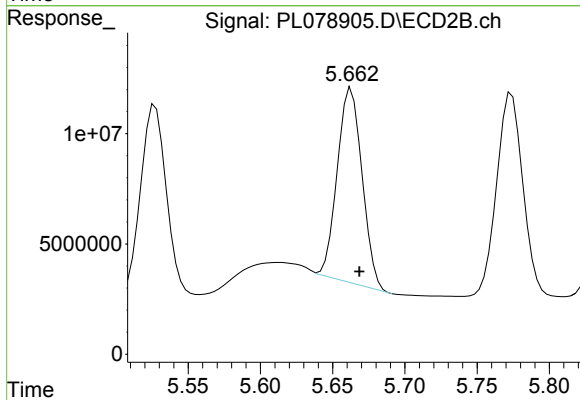
#15 Endosulfan II

R.T.: 6.583 min  
Delta R.T.: 0.002 min  
Response: 89864731  
Conc: 47.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

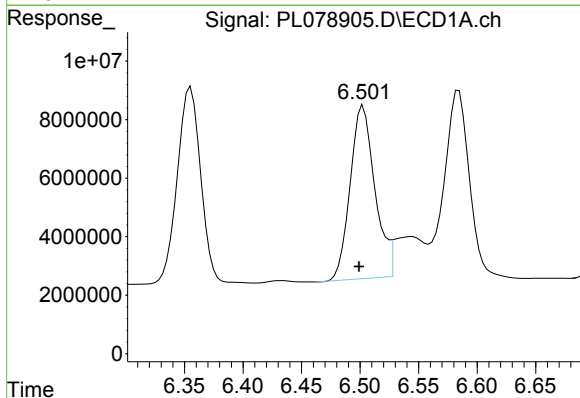
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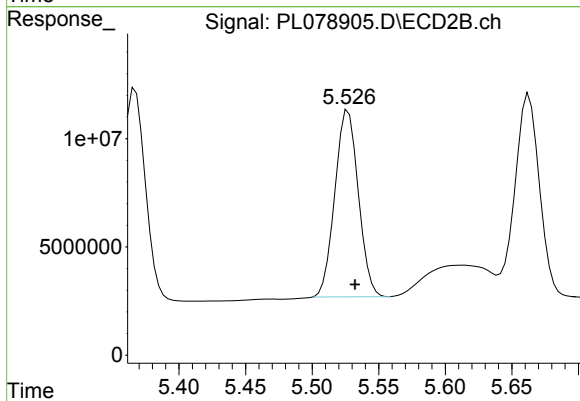
#15 Endosulfan II

R.T.: 5.662 min  
Delta R.T.: -0.007 min  
Response: 105061467  
Conc: 46.16 ng/ml m



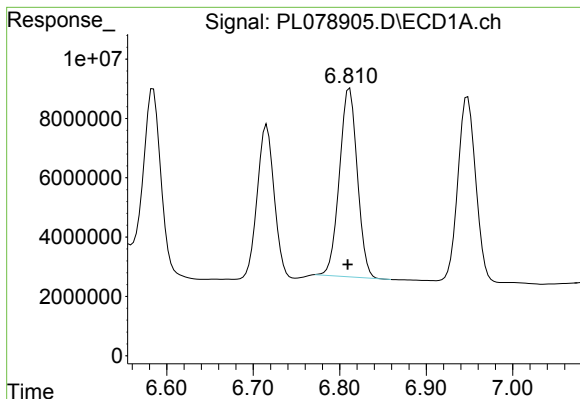
#16 4,4'-DDD

R.T.: 6.503 min  
Delta R.T.: 0.004 min  
Response: 86750133  
Conc: 52.04 ng/ml



#16 4,4'-DDD

R.T.: 5.527 min  
Delta R.T.: -0.005 min  
Response: 105812373  
Conc: 48.18 ng/ml



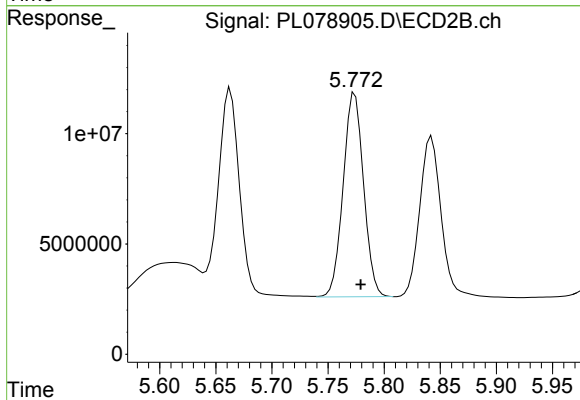
#17 4,4'-DDT

R.T.: 6.812 min  
Delta R.T.: 0.002 min  
Response: 90603116  
Conc: 50.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

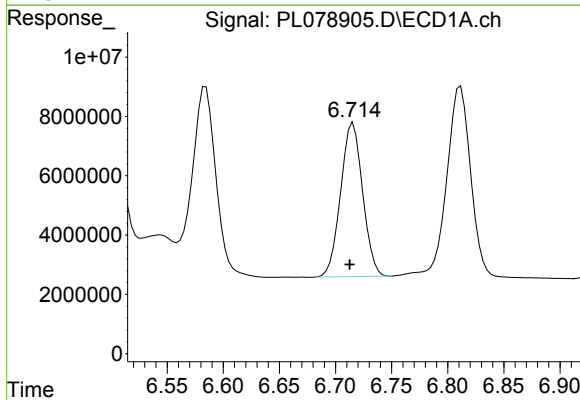
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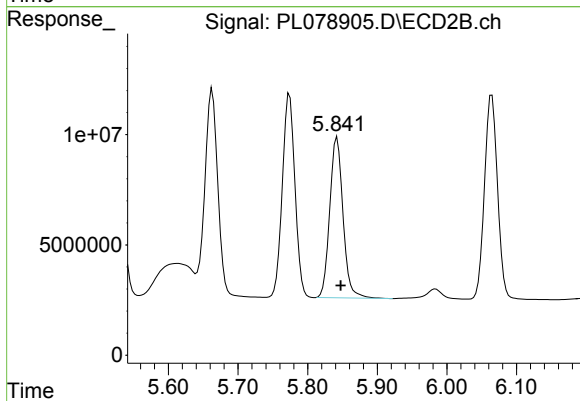
#17 4,4'-DDT

R.T.: 5.772 min  
Delta R.T.: -0.006 min  
Response: 116916389  
Conc: 53.90 ng/ml m



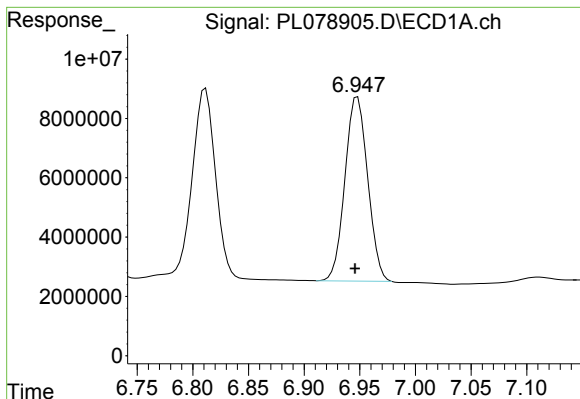
#18 Endrin aldehyde

R.T.: 6.716 min  
Delta R.T.: 0.003 min  
Response: 70670393  
Conc: 48.57 ng/ml



#18 Endrin aldehyde

R.T.: 5.842 min  
Delta R.T.: -0.005 min  
Response: 96417747  
Conc: 51.37 ng/ml



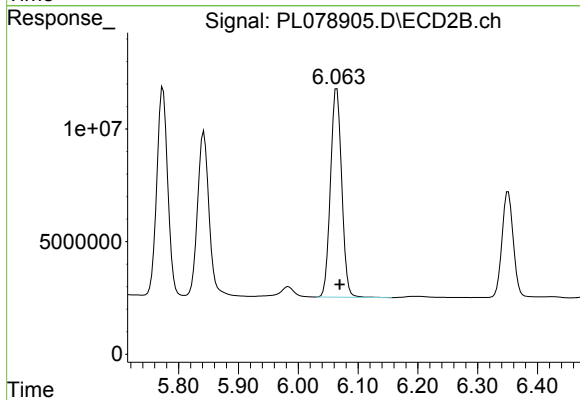
#19 Endosulfan Sulfate

R.T.: 6.948 min  
Delta R.T.: 0.002 min  
Response: 88420884  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

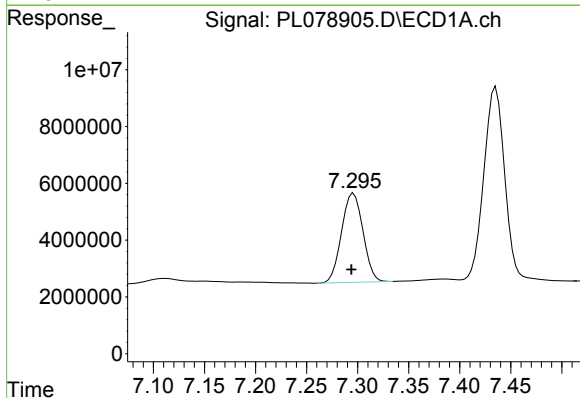
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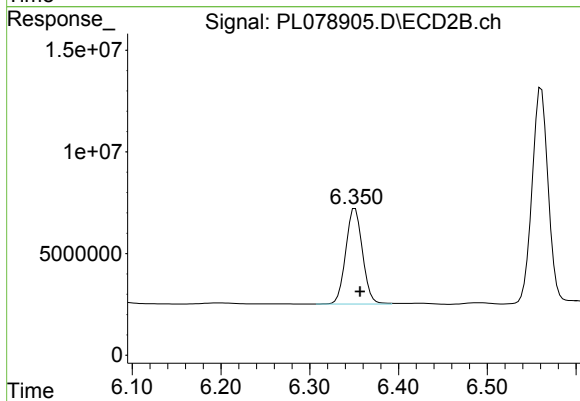
#19 Endosulfan Sulfate

R.T.: 6.064 min  
Delta R.T.: -0.005 min  
Response: 120879173  
Conc: 50.78 ng/ml



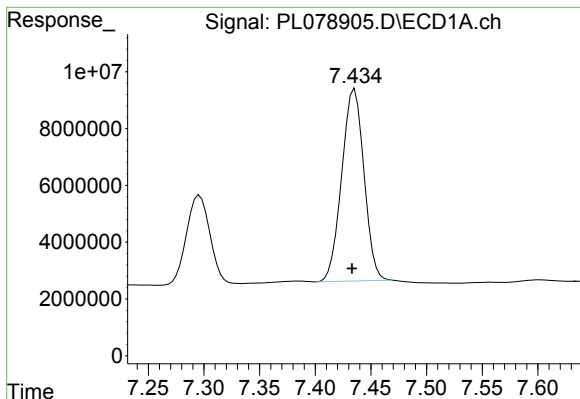
#20 Methoxychlor

R.T.: 7.296 min  
Delta R.T.: 0.002 min  
Response: 45778295  
Conc: 49.71 ng/ml



#20 Methoxychlor

R.T.: 6.351 min  
Delta R.T.: -0.006 min  
Response: 61701475  
Conc: 54.37 ng/ml



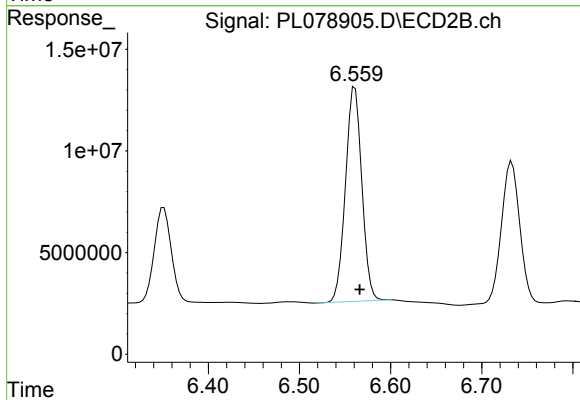
#21 Endrin ketone

R.T.: 7.435 min  
Delta R.T.: 0.003 min  
Response: 94134338  
Conc: 50.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

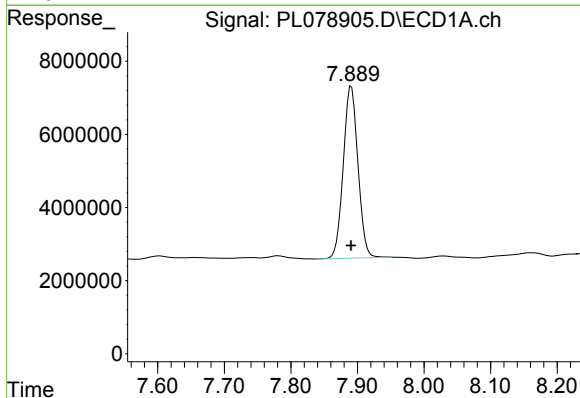
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/10/2022  
Supervised By :Ankita Jodhani 11/10/2022



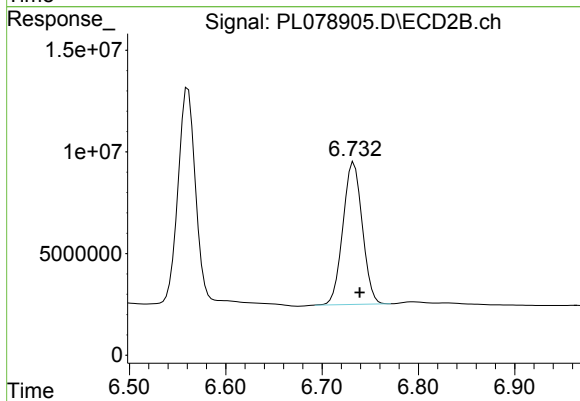
#21 Endrin ketone

R.T.: 6.561 min  
Delta R.T.: -0.005 min  
Response: 131267101  
Conc: 50.79 ng/ml



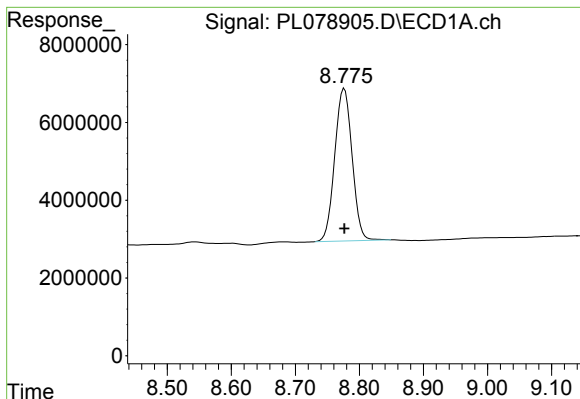
#22 Mirex

R.T.: 7.891 min  
Delta R.T.: 0.000 min  
Response: 71837878  
Conc: 49.21 ng/ml



#22 Mirex

R.T.: 6.733 min  
Delta R.T.: -0.006 min  
Response: 97401926  
Conc: 49.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.777 min  
Delta R.T.: 0.000 min  
Response: 73842344  
Conc: 49.09 ng/ml

Instrument :

ECD\_L

ClientSampleId :

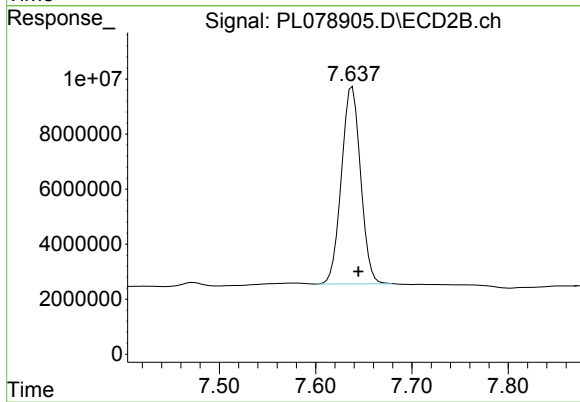
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/10/2022

Supervised By :Ankita Jodhani 11/10/2022



#28 Decachlorobiphenyl

R.T.: 7.638 min  
Delta R.T.: -0.006 min  
Response: 98711921  
Conc: 52.12 ng/ml