

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072722\  
 Data File : PL076661.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jul 2022 13:11  
 Operator : AR\AJ  
 Sample : N3814-06MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 ENV-DE-3(10-15)MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/27/2022  
 Supervised By :Ankita Jodhani 07/27/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 27 03:18:15 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... | 3.422 | 2.643 | 18367035 | 47813049 | 17.797 | 16.119  |
| 28)                         | SA Decachlor... | 8.915 | 7.752 | 14847290 | 35635884 | 16.835 | 13.884  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.887 | 3.137 | 71716175 | 186.4E6  | 49.728 | 44.643  |
| 3)                          | MA gamma-BHC... | 4.222 | 3.462 | 74228910 | 166.9E6  | 54.976 | 43.782  |
| 4)                          | MA Heptachlor   | 4.798 | 3.796 | 63389296 | 177.3E6  | 47.234 | 46.962  |
| 5)                          | MB Aldrin       | 5.140 | 4.071 | 57461582 | 154.5E6  | 47.840 | 43.930  |
| 6)                          | B beta-BHC      | 4.433 | 3.760 | 30302766 | 78233005 | 50.781 | 46.137  |
| 7)                          | B delta-BHC     | 4.677 | 3.985 | 59935277 | 176.3E6  | 54.072 | 46.240  |
| 8)                          | B Heptachlo...  | 5.572 | 4.571 | 50780276 | 135.9E6  | 45.540 | 42.844  |
| 9)                          | A Endosulfan I  | 5.959 | 4.936 | 47216276 | 105.2E6  | 45.704 | 36.369m |
| 10)                         | B gamma-Chl...  | 5.828 | 4.820 | 52741674 | 133.7E6  | 47.568 | 41.761  |
| 11)                         | B alpha-Chl...  | 5.905 | 4.884 | 52400781 | 129.3E6  | 47.364 | 41.431  |
| 12)                         | B 4,4'-DDE      | 6.083 | 5.077 | 40514633 | 124.6E6  | 41.277 | 41.935  |
| 13)                         | MA Dieldrin     | 6.236 | 5.201 | 47157545 | 131.6E6  | 44.807 | 42.405  |
| 14)                         | MA Endrin       | 6.468 | 5.474 | 41577781 | 113.2E6  | 43.284 | 45.093  |
| 15)                         | B Endosulfa...  | 6.694 | 5.769 | 39805335 | 100.4E6  | 44.350 | 41.857  |
| 16)                         | A 4,4'-DDD      | 6.608 | 5.630 | 37821363 | 96702470 | 45.368 | 40.820  |
| 17)                         | MA 4,4'-DDT     | 6.919 | 5.879 | 39021255 | 94134923 | 42.940 | 39.180  |
| 18)                         | B Endrin al...  | 6.826 | 5.948 | 29268841 | 67170044 | 40.147 | 35.652  |
| 19)                         | B Endosulfa...  | 7.059 | 6.171 | 39843662 | 94613228 | 44.305 | 38.465  |
| 20)                         | A Methoxychlor  | 7.400 | 6.457 | 21973355 | 58551560 | 43.424 | 44.767  |
| 21)                         | B Endrin ke...  | 7.547 | 6.671 | 42769718 | 100.6E6  | 41.824 | 37.047  |
| 22)                         | Mirex           | 8.008 | 6.849 | 34462837 | 75020510 | 44.554 | 37.409  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072722\  
Data File : PL076661.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jul 2022 13:11  
Operator : AR\AJ  
Sample : N3814-06MS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

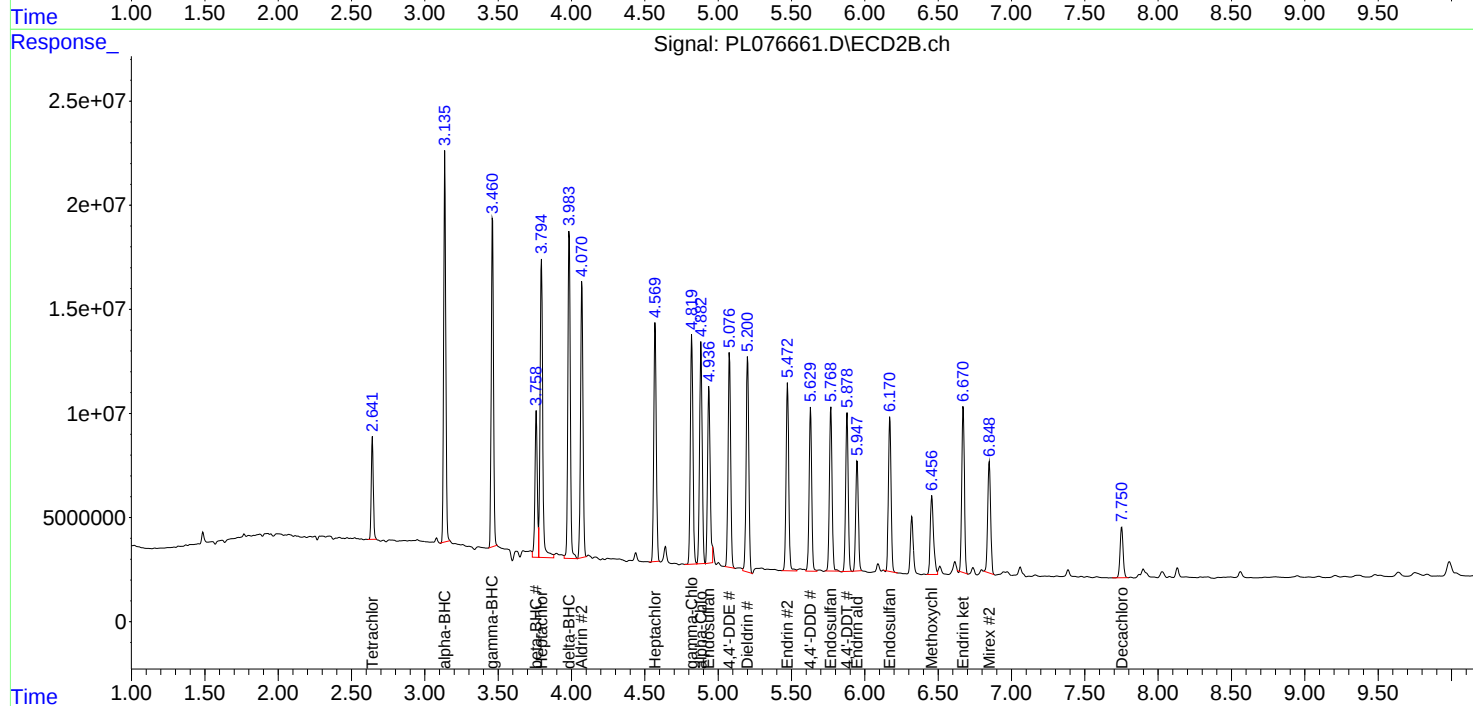
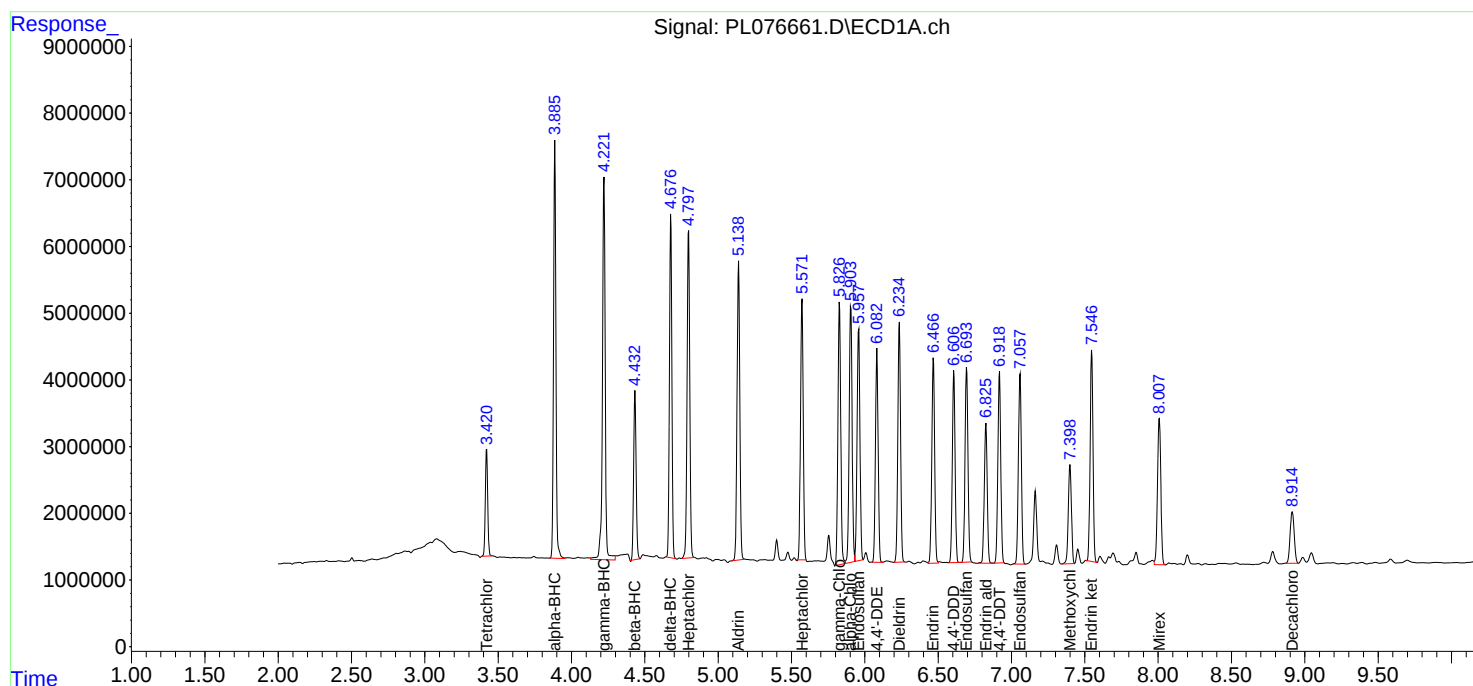
Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-3(10-15)MS

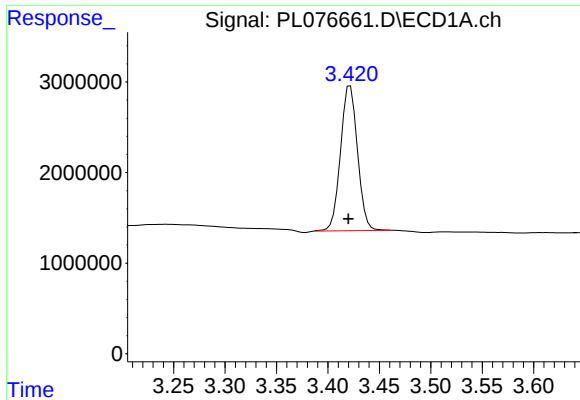
Manual Integrations  
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Supervised By : Ankita Jodhani 07/27/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 27 03:18:15 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





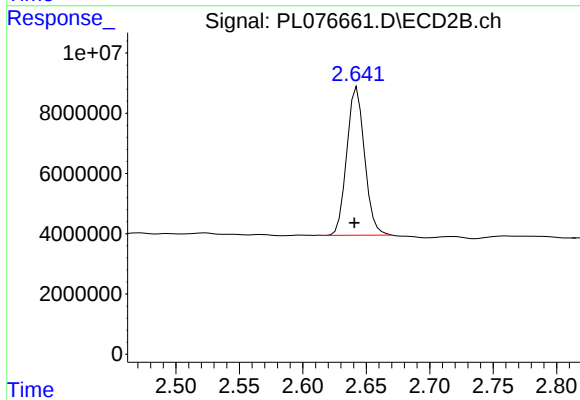
#1 Tetrachloro-m-xylene

R.T.: 3.422 min  
Delta R.T.: 0.002 min  
Response: 18367035  
Conc: 17.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-3(10-15)MS

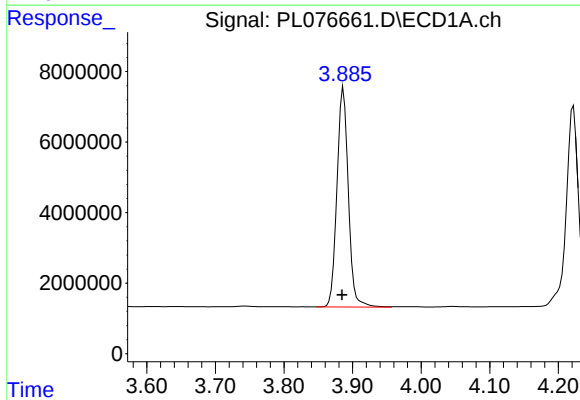
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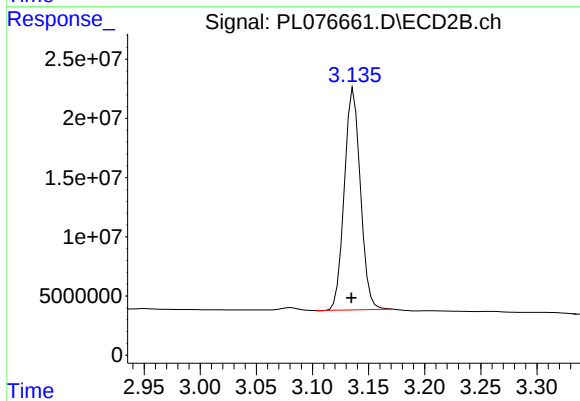
#1 Tetrachloro-m-xylene

R.T.: 2.643 min  
Delta R.T.: 0.002 min  
Response: 47813049  
Conc: 16.12 ng/ml



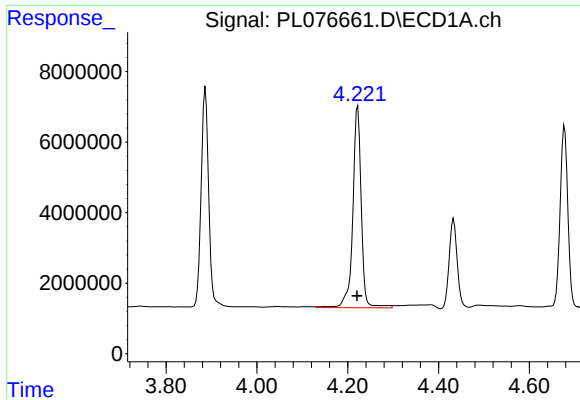
#2 alpha-BHC

R.T.: 3.887 min  
Delta R.T.: 0.002 min  
Response: 71716175  
Conc: 49.73 ng/ml



#2 alpha-BHC

R.T.: 3.137 min  
Delta R.T.: 0.002 min  
Response: 186388446  
Conc: 44.64 ng/ml



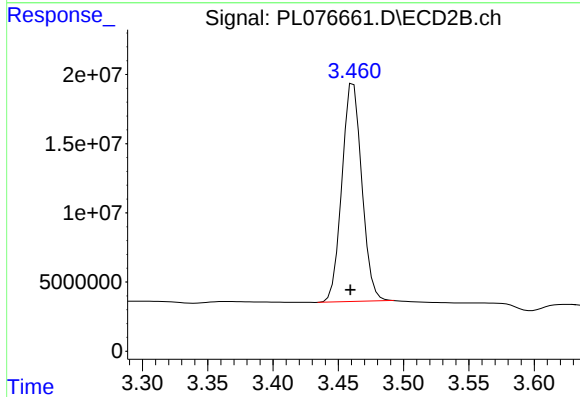
#3 gamma-BHC (Lindane)

R.T.: 4.222 min  
Delta R.T.: 0.002 min  
Response: 74228910  
Conc: 54.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-3(10-15)MS

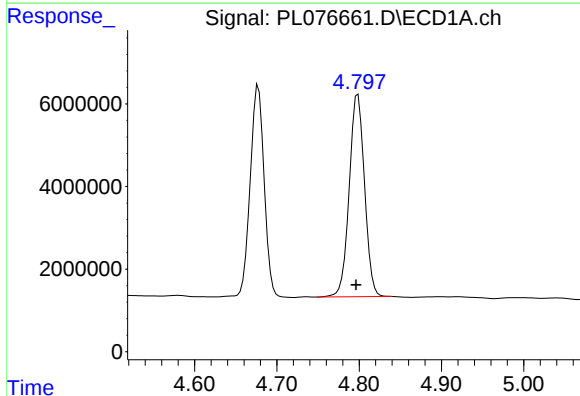
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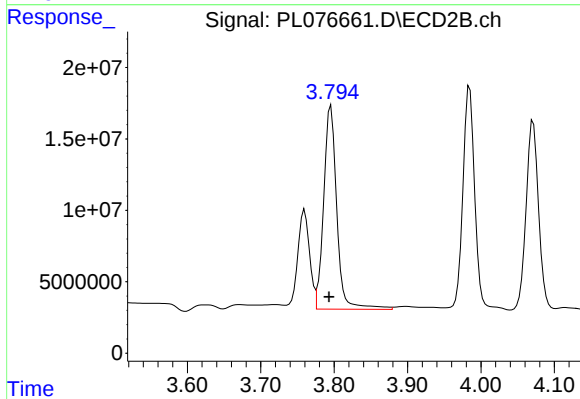
#3 gamma-BHC (Lindane)

R.T.: 3.462 min  
Delta R.T.: 0.002 min  
Response: 166870949  
Conc: 43.78 ng/ml



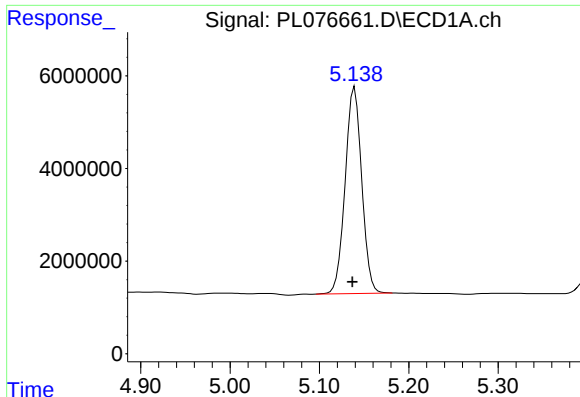
#4 Heptachlor

R.T.: 4.798 min  
Delta R.T.: 0.002 min  
Response: 63389296  
Conc: 47.23 ng/ml



#4 Heptachlor

R.T.: 3.796 min  
Delta R.T.: 0.002 min  
Response: 177321160  
Conc: 46.96 ng/ml



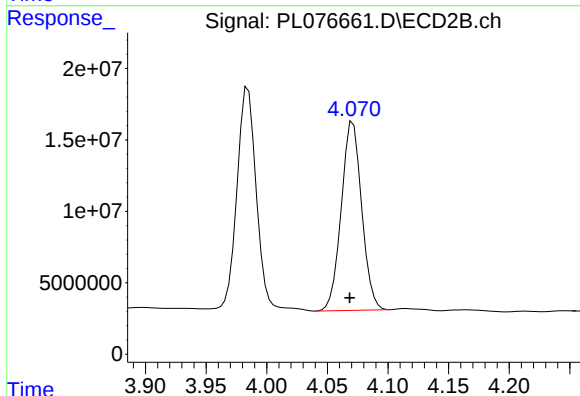
#5 Aldrin

R.T.: 5.140 min  
Delta R.T.: 0.003 min  
Response: 57461582  
Conc: 47.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-3(10-15)MS

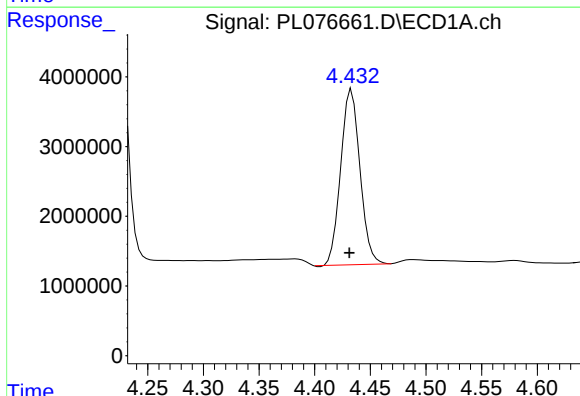
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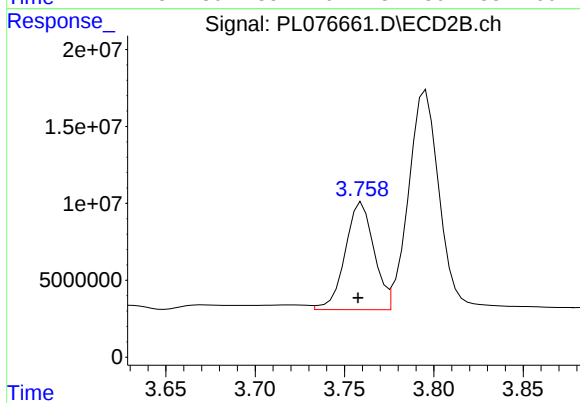
#5 Aldrin

R.T.: 4.071 min  
Delta R.T.: 0.003 min  
Response: 154538521  
Conc: 43.93 ng/ml



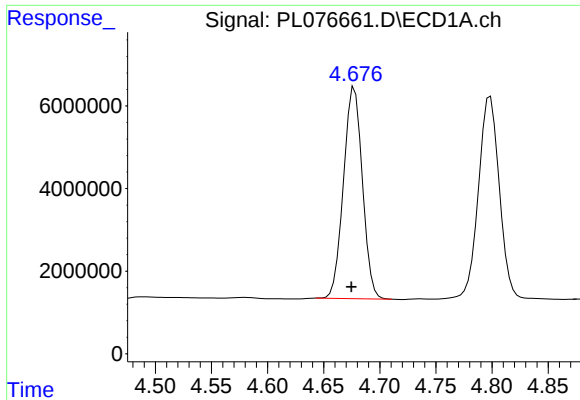
#6 beta-BHC

R.T.: 4.433 min  
Delta R.T.: 0.002 min  
Response: 30302766  
Conc: 50.78 ng/ml



#6 beta-BHC

R.T.: 3.760 min  
Delta R.T.: 0.002 min  
Response: 78233005  
Conc: 46.14 ng/ml



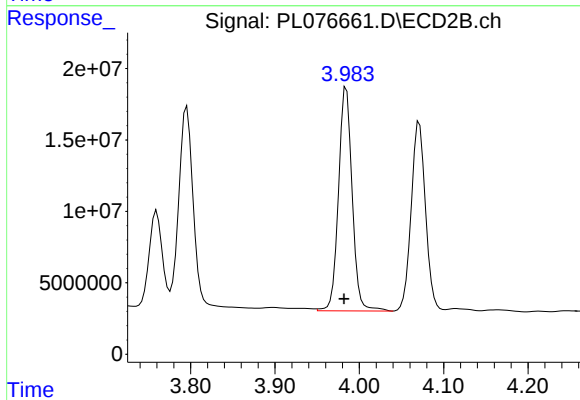
#7 delta-BHC

R.T.: 4.677 min  
Delta R.T.: 0.003 min  
Response: 59935277  
Conc: 54.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-3(10-15)MS

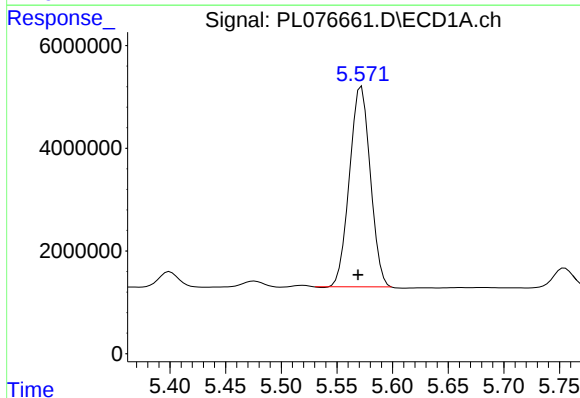
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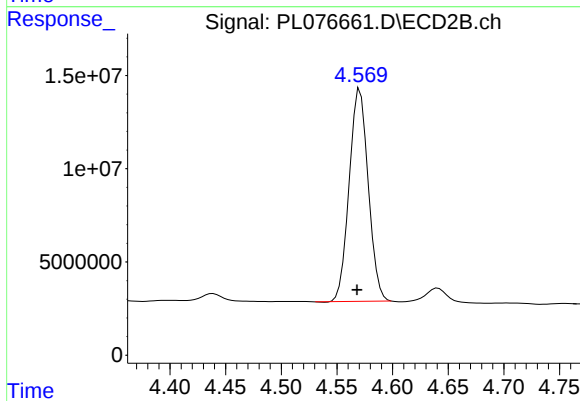
#7 delta-BHC

R.T.: 3.985 min  
Delta R.T.: 0.003 min  
Response: 176330779  
Conc: 46.24 ng/ml



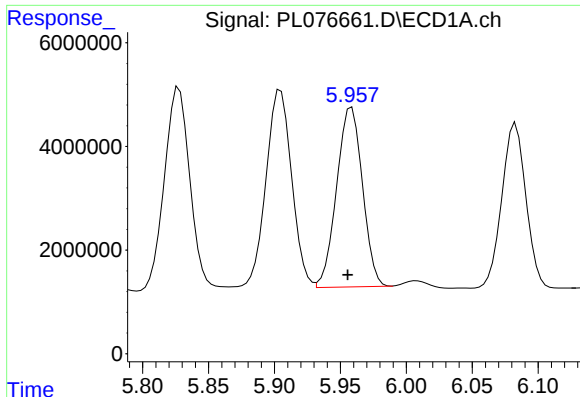
#8 Heptachlor epoxide

R.T.: 5.572 min  
Delta R.T.: 0.003 min  
Response: 50780276  
Conc: 45.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.571 min  
Delta R.T.: 0.003 min  
Response: 135890959  
Conc: 42.84 ng/ml



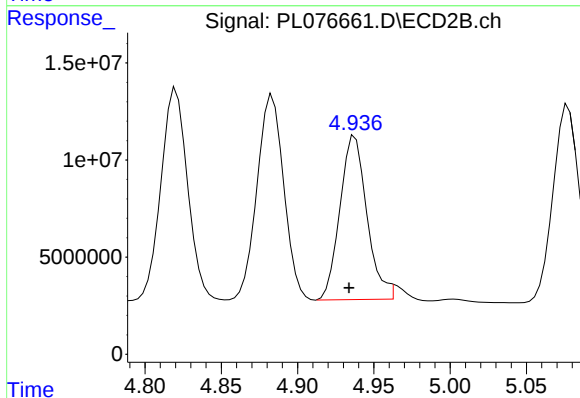
#9 Endosulfan I

R.T.: 5.959 min  
Delta R.T.: 0.003 min  
Response: 47216276  
Conc: 45.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-3(10-15)MS

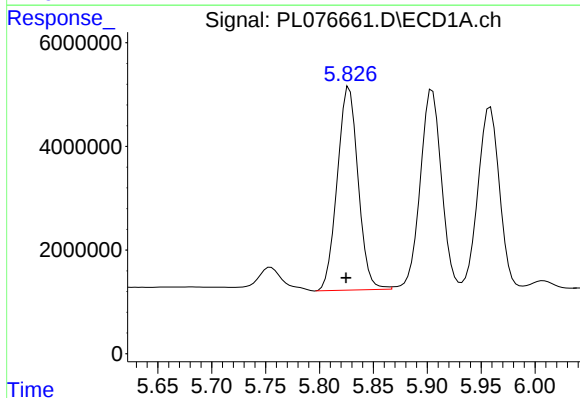
Manual Integrations  
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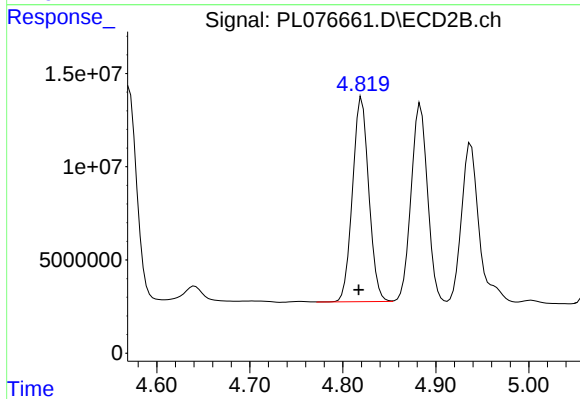
#9 Endosulfan I

R.T.: 4.936 min  
Delta R.T.: 0.002 min  
Response: 105241279  
Conc: 36.37 ng/ml m



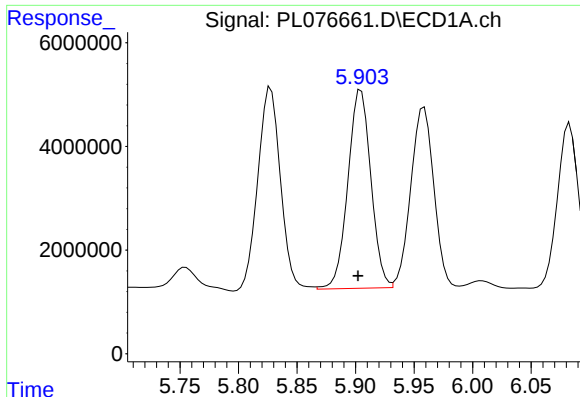
#10 gamma-Chlordane

R.T.: 5.828 min  
Delta R.T.: 0.003 min  
Response: 52741674  
Conc: 47.57 ng/ml



#10 gamma-Chlordane

R.T.: 4.820 min  
Delta R.T.: 0.003 min  
Response: 133653926  
Conc: 41.76 ng/ml



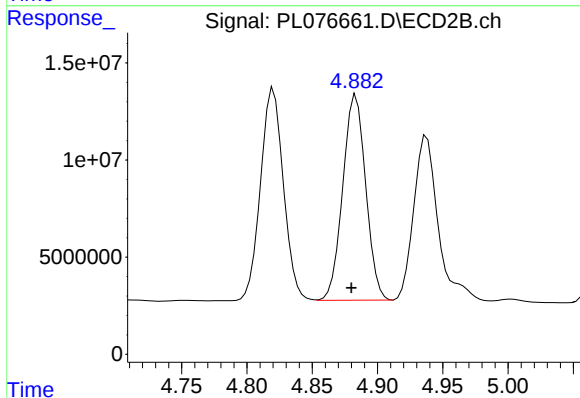
#11 alpha-Chlordane

R.T.: 5.905 min  
Delta R.T.: 0.002 min  
Response: 52400781  
Conc: 47.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-3(10-15)MS

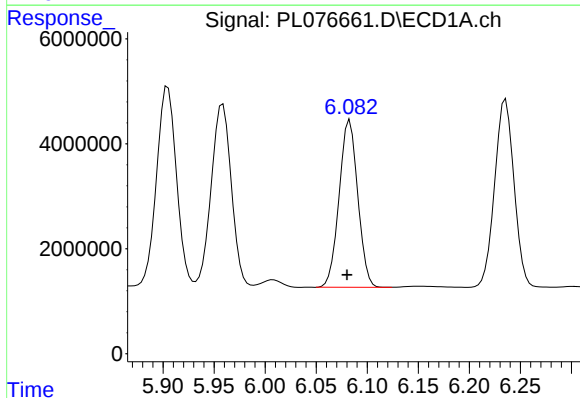
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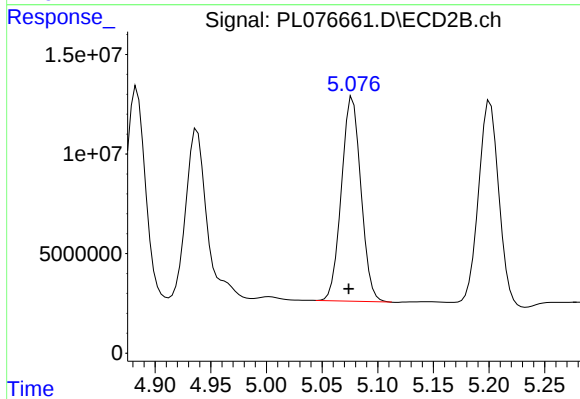
#11 alpha-Chlordane

R.T.: 4.884 min  
Delta R.T.: 0.004 min  
Response: 129302079  
Conc: 41.43 ng/ml



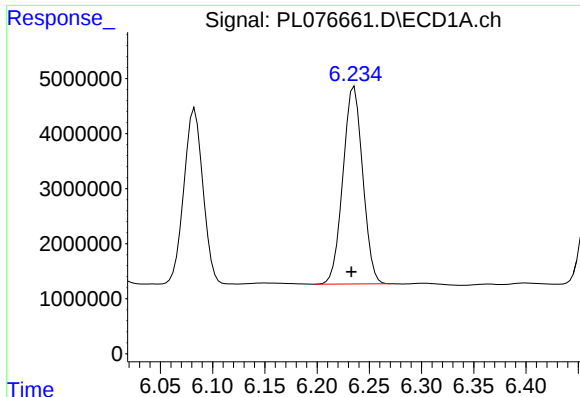
#12 4,4'-DDE

R.T.: 6.083 min  
Delta R.T.: 0.003 min  
Response: 40514633  
Conc: 41.28 ng/ml



#12 4,4'-DDE

R.T.: 5.077 min  
Delta R.T.: 0.003 min  
Response: 124633772  
Conc: 41.93 ng/ml



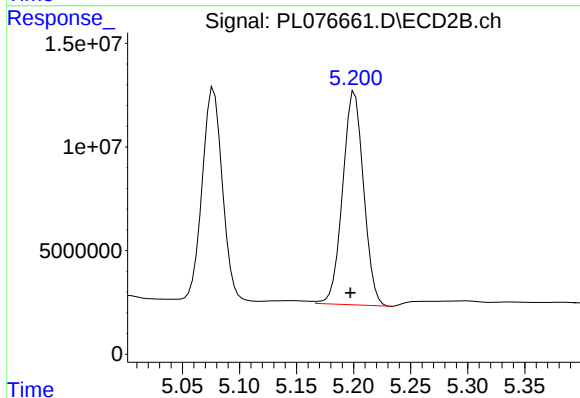
#13 Dieldrin

R.T.: 6.236 min  
Delta R.T.: 0.003 min  
Response: 47157545  
Conc: 44.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-3(10-15)MS

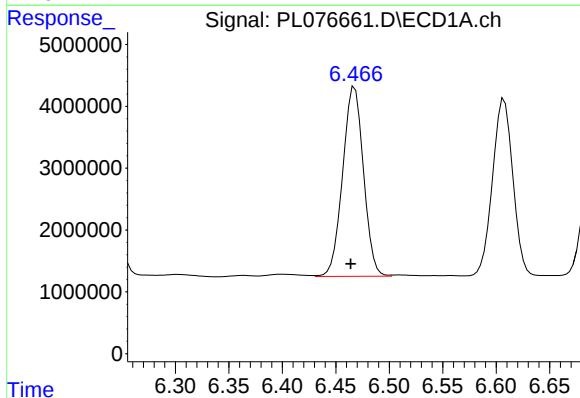
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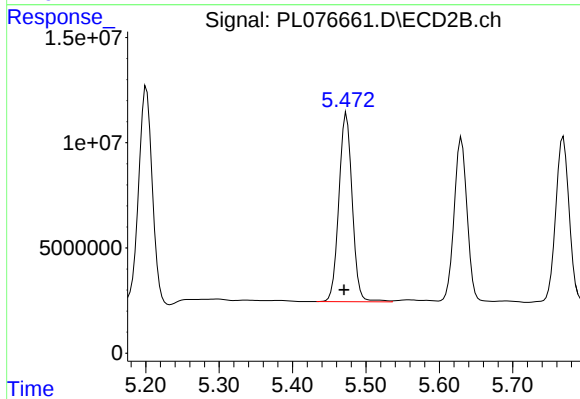
#13 Dieldrin

R.T.: 5.201 min  
Delta R.T.: 0.004 min  
Response: 131583549  
Conc: 42.40 ng/ml



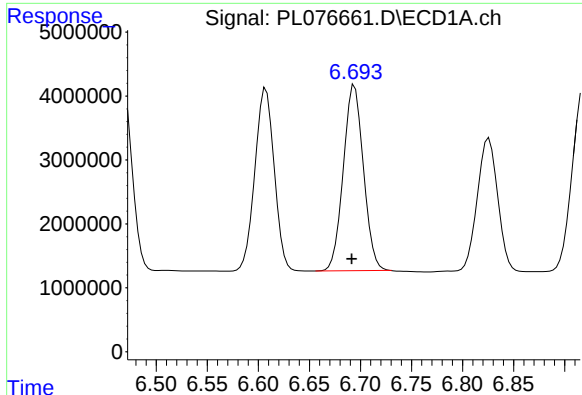
#14 Endrin

R.T.: 6.468 min  
Delta R.T.: 0.004 min  
Response: 41577781  
Conc: 43.28 ng/ml



#14 Endrin

R.T.: 5.474 min  
Delta R.T.: 0.003 min  
Response: 113205981  
Conc: 45.09 ng/ml



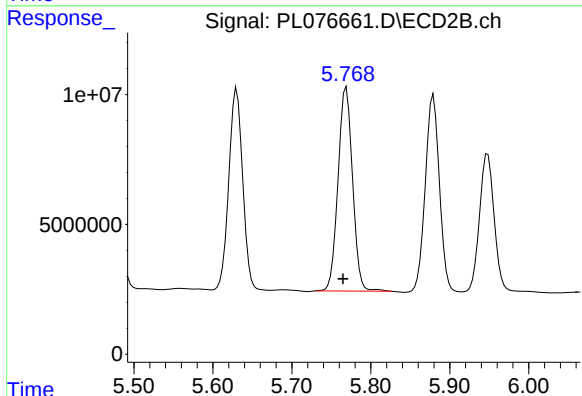
#15 Endosulfan II

R.T.: 6.694 min  
Delta R.T.: 0.003 min  
Response: 39805335  
Conc: 44.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-3(10-15)MS

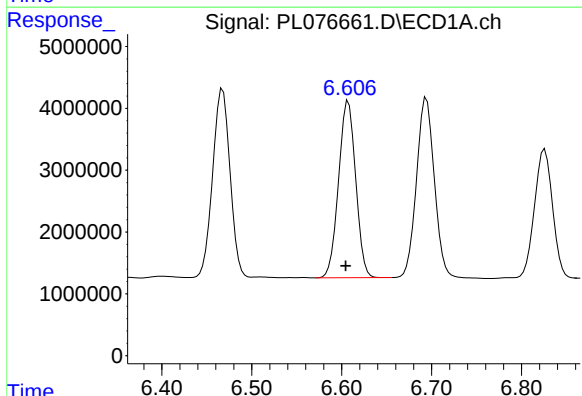
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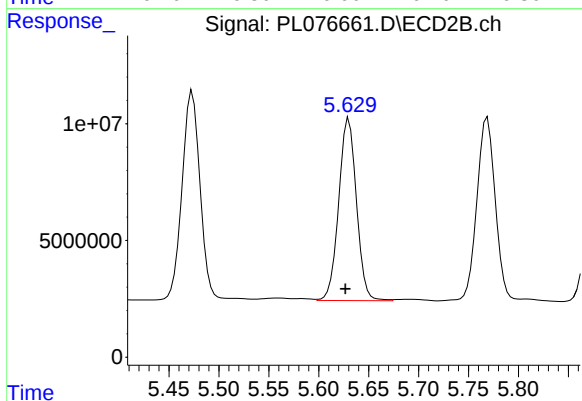
#15 Endosulfan II

R.T.: 5.769 min  
Delta R.T.: 0.004 min  
Response: 100375522  
Conc: 41.86 ng/ml



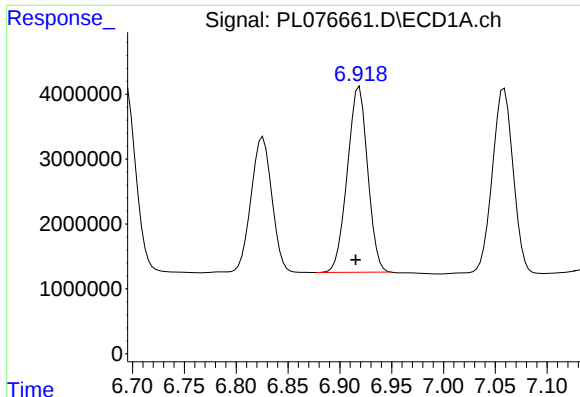
#16 4,4'-DDD

R.T.: 6.608 min  
Delta R.T.: 0.003 min  
Response: 37821363  
Conc: 45.37 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min  
Delta R.T.: 0.004 min  
Response: 96702470  
Conc: 40.82 ng/ml



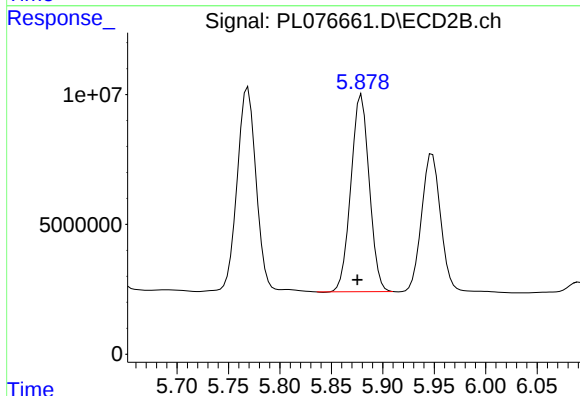
#17 4,4'-DDT

R.T.: 6.919 min  
Delta R.T.: 0.004 min  
Response: 39021255  
Conc: 42.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-3(10-15)MS

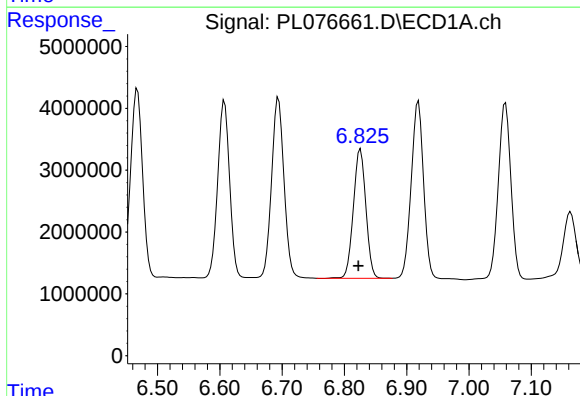
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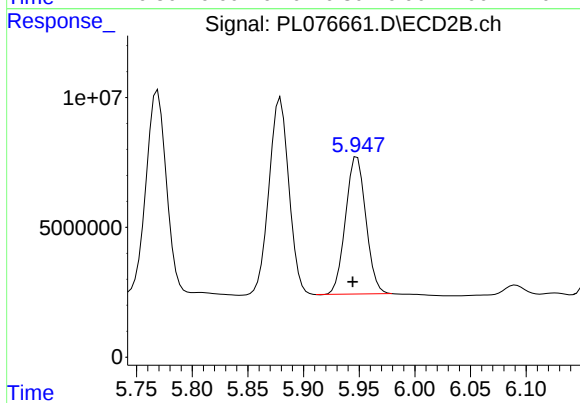
#17 4,4'-DDT

R.T.: 5.879 min  
Delta R.T.: 0.004 min  
Response: 94134923  
Conc: 39.18 ng/ml



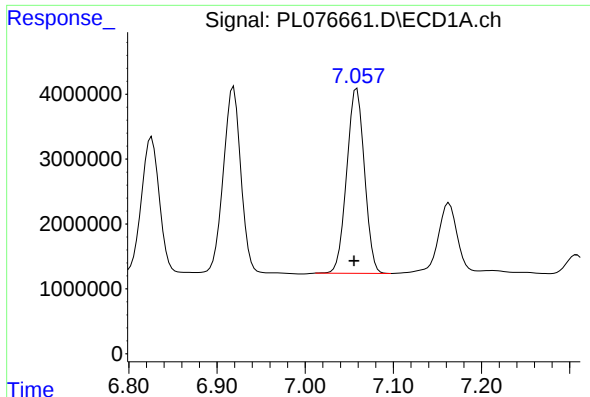
#18 Endrin aldehyde

R.T.: 6.826 min  
Delta R.T.: 0.003 min  
Response: 29268841  
Conc: 40.15 ng/ml



#18 Endrin aldehyde

R.T.: 5.948 min  
Delta R.T.: 0.004 min  
Response: 67170044  
Conc: 35.65 ng/ml



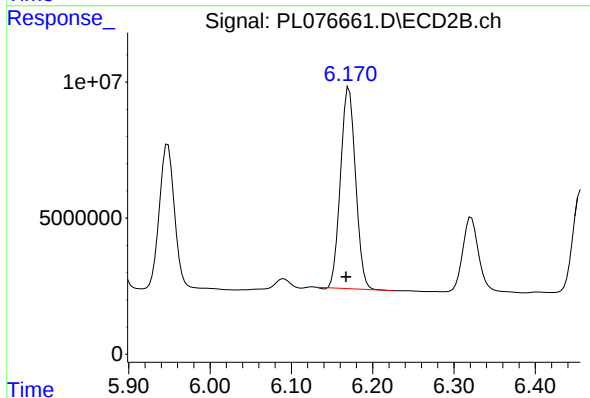
#19 Endosulfan Sulfate

R.T.: 7.059 min  
Delta R.T.: 0.003 min  
Response: 39843662  
Conc: 44.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-3(10-15)MS

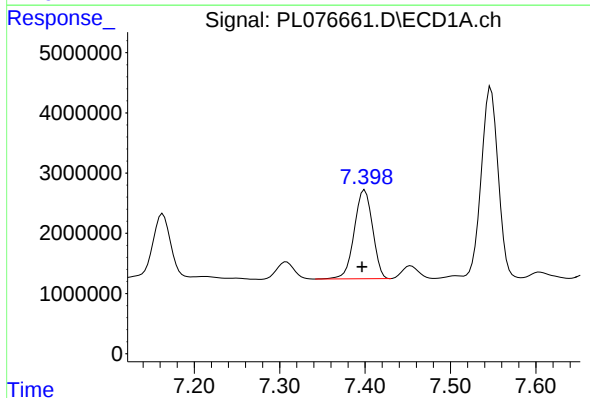
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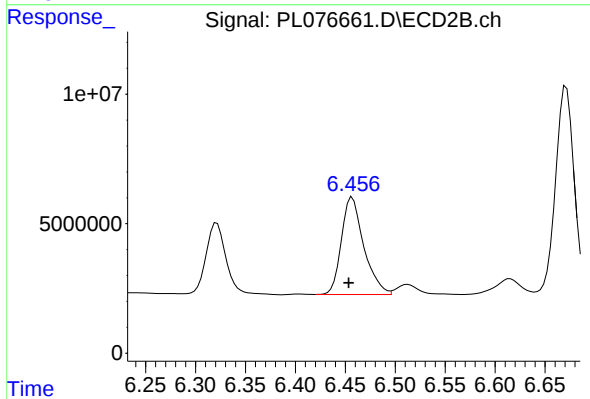
#19 Endosulfan Sulfate

R.T.: 6.171 min  
Delta R.T.: 0.003 min  
Response: 94613228  
Conc: 38.46 ng/ml



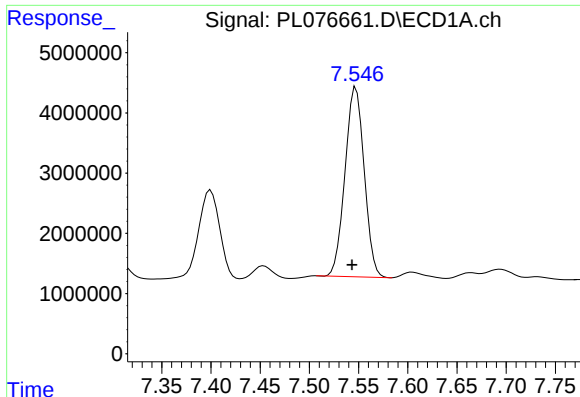
#20 Methoxychlor

R.T.: 7.400 min  
Delta R.T.: 0.003 min  
Response: 21973355  
Conc: 43.42 ng/ml



#20 Methoxychlor

R.T.: 6.457 min  
Delta R.T.: 0.004 min  
Response: 58551560  
Conc: 44.77 ng/ml



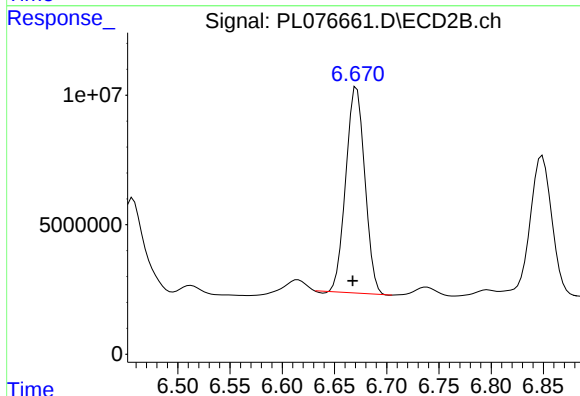
#21 Endrin ketone

R.T.: 7.547 min  
Delta R.T.: 0.004 min  
Response: 42769718  
Conc: 41.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-3(10-15)MS

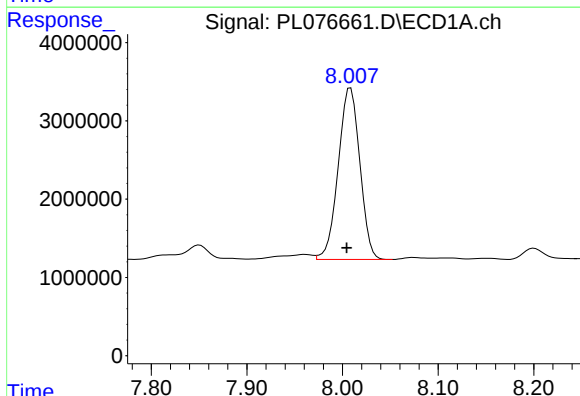
Manual Integrations  
APPROVED

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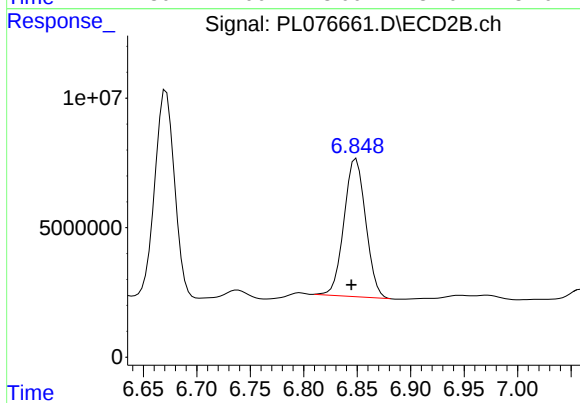
#21 Endrin ketone

R.T.: 6.671 min  
Delta R.T.: 0.004 min  
Response: 100550516  
Conc: 37.05 ng/ml



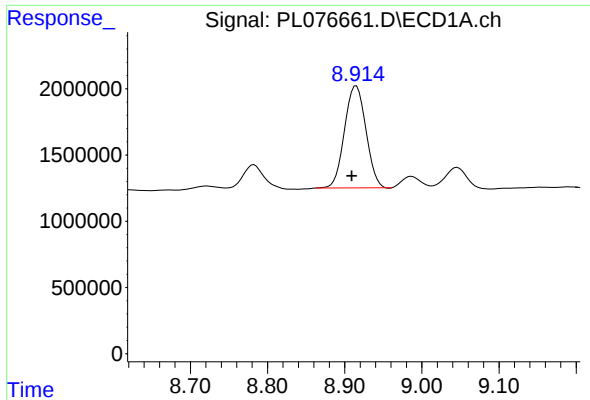
#22 Mirex

R.T.: 8.008 min  
Delta R.T.: 0.004 min  
Response: 34462837  
Conc: 44.55 ng/ml



#22 Mirex

R.T.: 6.849 min  
Delta R.T.: 0.004 min  
Response: 75020510  
Conc: 37.41 ng/ml



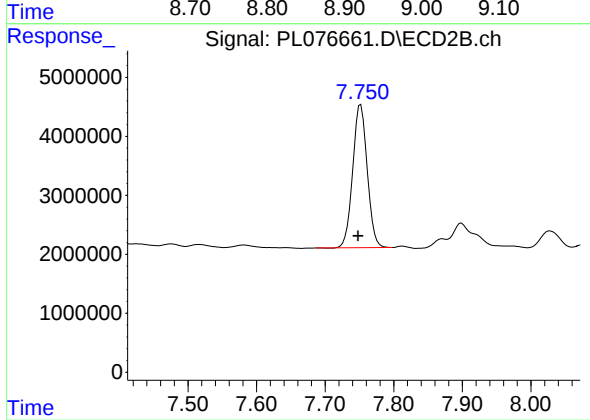
#28 Decachlorobiphenyl

R.T.: 8.915 min  
Delta R.T.: 0.006 min  
Response: 14847290  
Conc: 16.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-3(10-15)MS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.752 min  
Delta R.T.: 0.004 min  
Response: 35635884  
Conc: 13.88 ng/ml