

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072822\  
 Data File : PL076697.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jul 2022 11:59  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 07/28/2022  
 Supervised By : Ankita Jodhani 07/28/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 28 00:06:23 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 | 2.642 | 52838637 | 136.2E6  | 51.199  | 45.933  |
| 28)                         | SA Decachlor... | 8.914 | 7.750 | 43487018 | 113.4E6  | 49.308  | 44.183  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.886 | 3.136 | 75311756 | 196.9E6  | 52.222  | 47.162  |
| 3)                          | MA gamma-BHC... | 4.222 | 3.460 | 70273016 | 178.8E6  | 52.046  | 46.911  |
| 4)                          | MA Heptachlor   | 4.798 | 3.795 | 68604334 | 174.3E6  | 51.120  | 46.164  |
| 5)                          | MB Aldrin       | 5.139 | 4.070 | 62332747 | 162.1E6  | 51.895  | 46.070  |
| 6)                          | B beta-BHC      | 4.433 | 3.759 | 31065893 | 75044205 | 52.060  | 44.257  |
| 7)                          | B delta-BHC     | 4.677 | 3.983 | 59326145 | 180.7E6  | 53.522  | 47.397  |
| 8)                          | B Heptachlo...  | 5.572 | 4.569 | 60739532 | 145.3E6  | 54.472  | 45.815  |
| 9)                          | A Endosulfan I  | 5.958 | 4.935 | 53689252 | 131.7E6  | 51.970  | 45.503  |
| 10)                         | B gamma-Chl...  | 5.827 | 4.819 | 58540834 | 148.4E6  | 52.798  | 46.355  |
| 11)                         | B alpha-Chl...  | 5.904 | 4.882 | 57614141 | 146.0E6  | 52.077  | 46.787  |
| 12)                         | B 4,4'-DDE      | 6.083 | 5.076 | 51004926 | 137.2E6  | 51.964  | 46.164  |
| 13)                         | MA Dieldrin     | 6.235 | 5.198 | 54684131 | 147.9E6  | 51.958  | 47.658m |
| 14)                         | MA Endrin       | 6.467 | 5.471 | 51269525 | 120.1E6  | 53.373  | 47.841  |
| 15)                         | B Endosulfa...  | 6.695 | 5.767 | 47470805 | 112.3E6  | 52.891  | 46.824  |
| 16)                         | A 4,4'-DDD      | 6.607 | 5.628 | 44256870 | 115.0E6  | 53.088m | 48.561  |
| 17)                         | MA 4,4'-DDT     | 6.919 | 5.878 | 44686156 | 107.7E6  | 49.174  | 44.822  |
| 18)                         | B Endrin al...  | 6.825 | 5.946 | 37808722 | 87477545 | 51.861  | 46.431  |
| 19)                         | B Endosulfa...  | 7.058 | 6.169 | 46270864 | 114.8E6  | 51.452  | 46.679  |
| 20)                         | A Methoxychlor  | 7.400 | 6.455 | 25259115 | 58353698 | 49.917  | 44.616  |
| 21)                         | B Endrin ke...  | 7.548 | 6.668 | 50762011 | 121.5E6  | 49.640  | 44.779m |
| 22)                         | Mirex           | 8.008 | 6.847 | 37879428 | 92059556 | 48.971  | 45.905  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072822\  
Data File : PL076697.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jul 2022 11:59  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

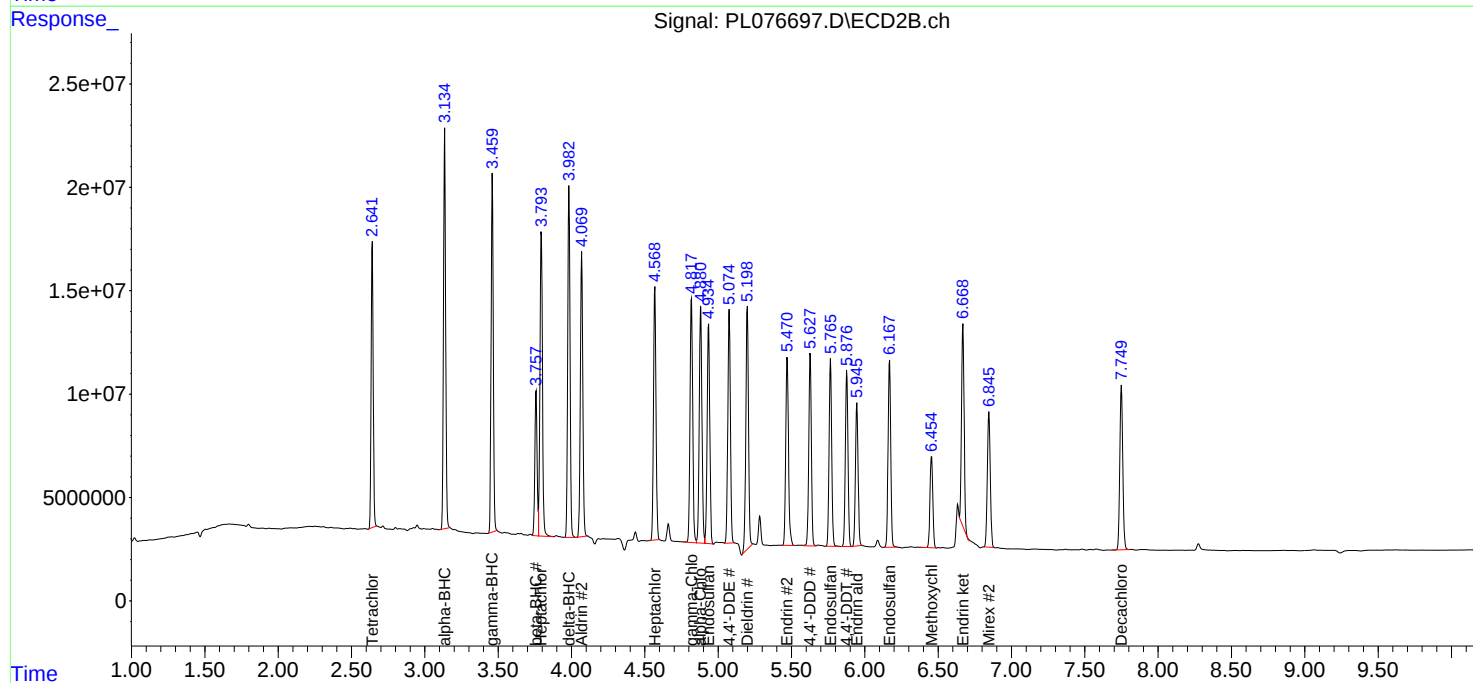
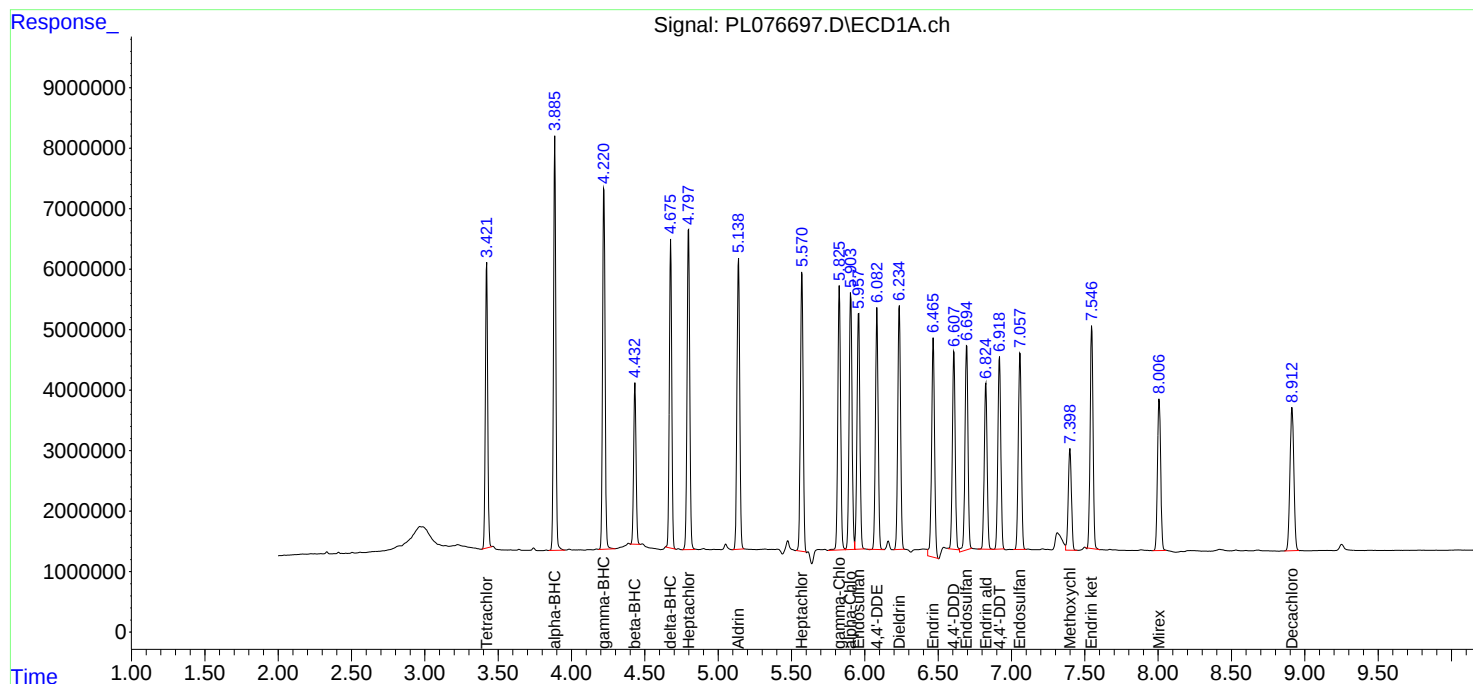
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

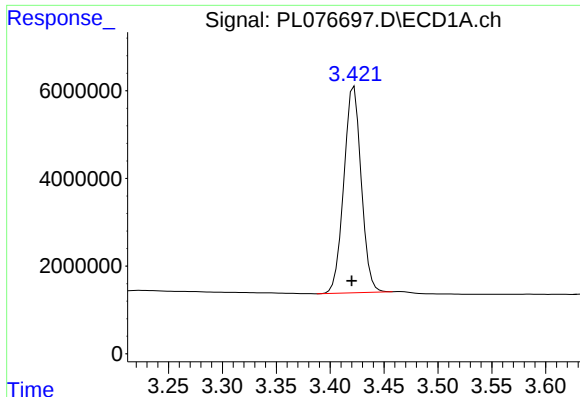
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 28 00:06:23 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL072622.M  
Quant Title : GC Extractables  
QLast Update : 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





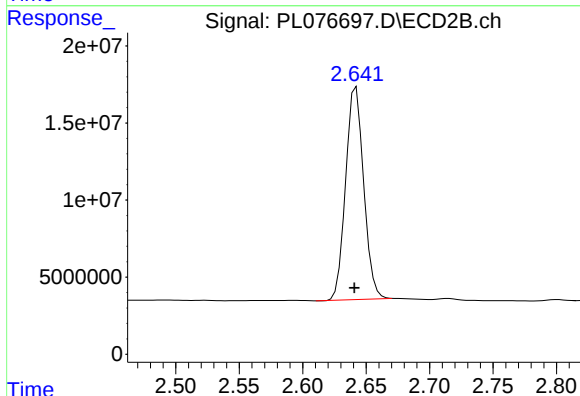
#1 Tetrachloro-m-xylene

R.T.: 3.422 min  
Delta R.T.: 0.002 min  
Response: 52838637  
Conc: 51.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

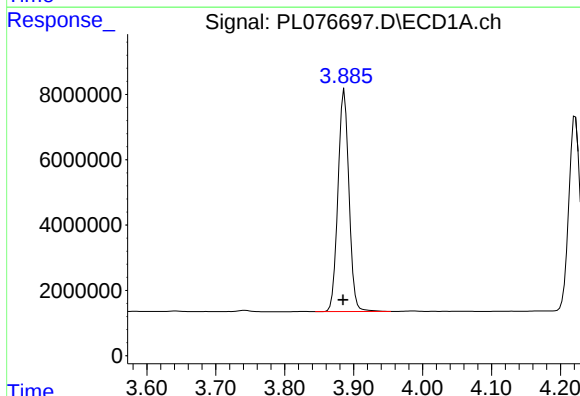
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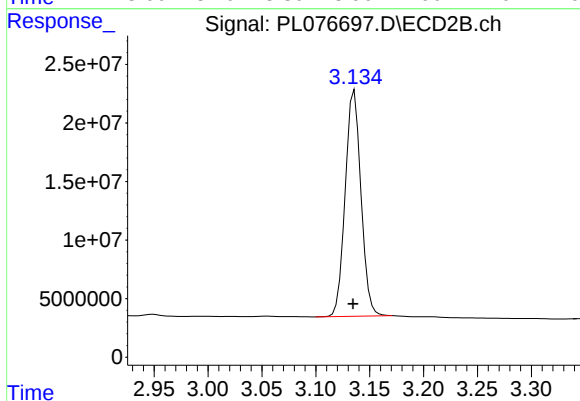
#1 Tetrachloro-m-xylene

R.T.: 2.642 min  
Delta R.T.: 0.001 min  
Response: 136247870  
Conc: 45.93 ng/ml



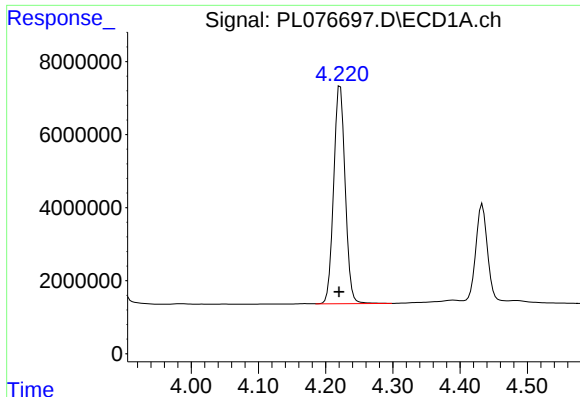
#2 alpha-BHC

R.T.: 3.886 min  
Delta R.T.: 0.002 min  
Response: 75311756  
Conc: 52.22 ng/ml



#2 alpha-BHC

R.T.: 3.136 min  
Delta R.T.: 0.001 min  
Response: 196909181  
Conc: 47.16 ng/ml



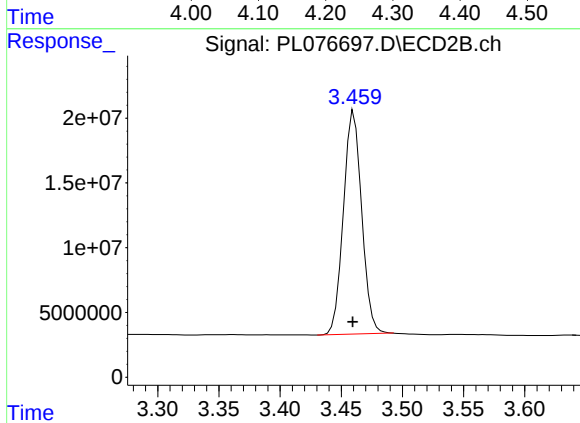
#3 gamma-BHC (Lindane)

R.T.: 4.222 min  
Delta R.T.: 0.001 min  
Response: 70273016  
Conc: 52.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

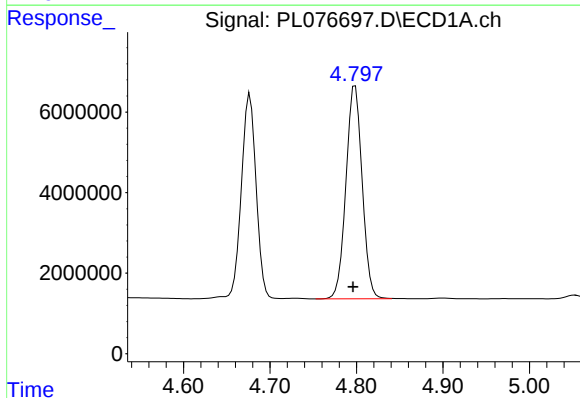
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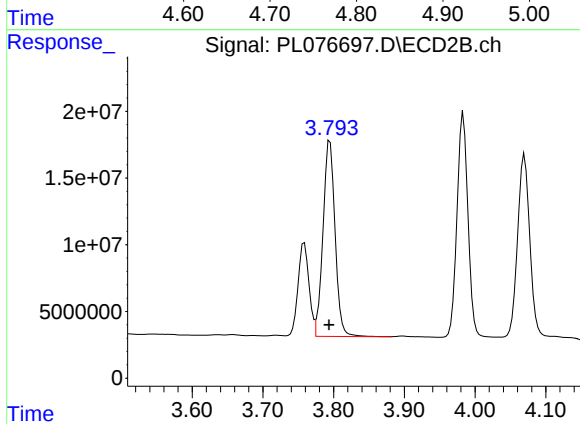
#3 gamma-BHC (Lindane)

R.T.: 3.460 min  
Delta R.T.: 0.001 min  
Response: 178797682  
Conc: 46.91 ng/ml



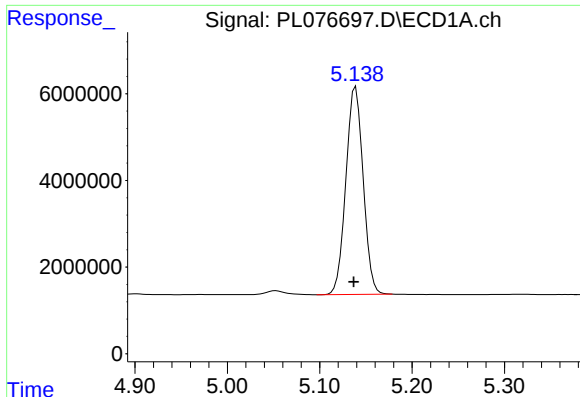
#4 Heptachlor

R.T.: 4.798 min  
Delta R.T.: 0.002 min  
Response: 68604334  
Conc: 51.12 ng/ml



#4 Heptachlor

R.T.: 3.795 min  
Delta R.T.: 0.002 min  
Response: 174308843  
Conc: 46.16 ng/ml



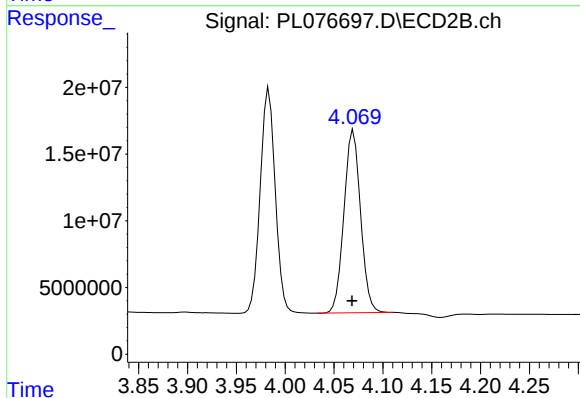
#5 Aldrin

R.T.: 5.139 min  
Delta R.T.: 0.002 min  
Response: 62332747  
Conc: 51.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

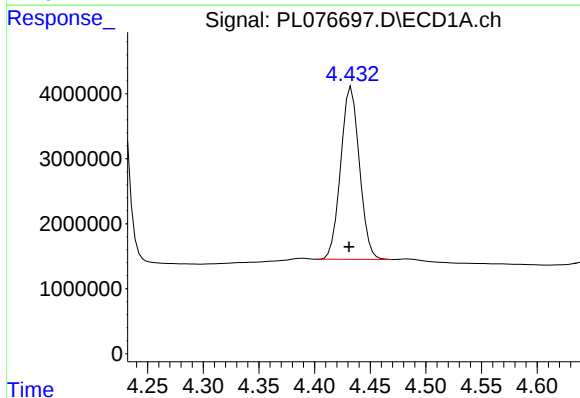
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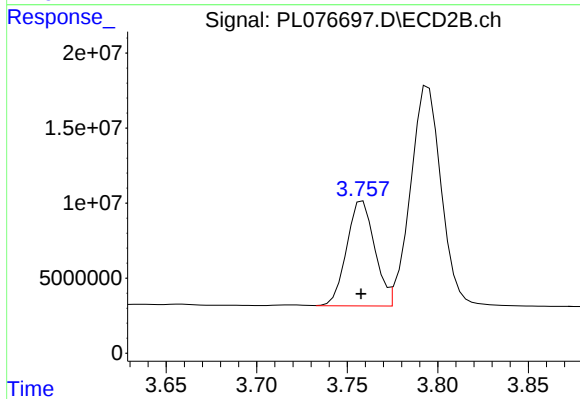
#5 Aldrin

R.T.: 4.070 min  
Delta R.T.: 0.001 min  
Response: 162065892  
Conc: 46.07 ng/ml



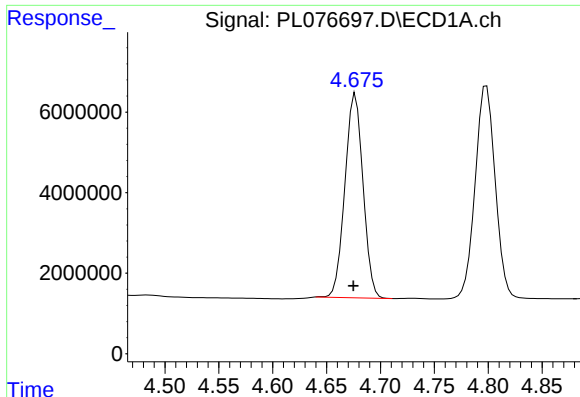
#6 beta-BHC

R.T.: 4.433 min  
Delta R.T.: 0.002 min  
Response: 31065893  
Conc: 52.06 ng/ml



#6 beta-BHC

R.T.: 3.759 min  
Delta R.T.: 0.000 min  
Response: 75044205  
Conc: 44.26 ng/ml



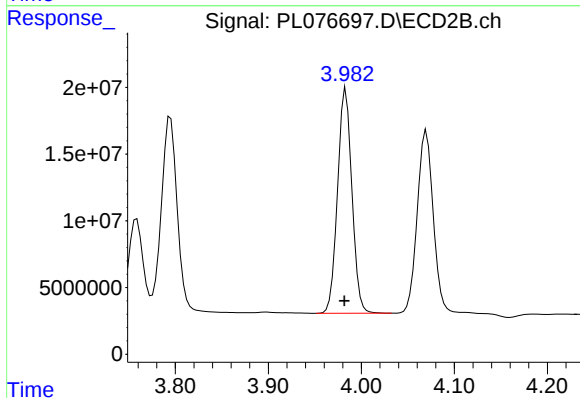
#7 delta-BHC

R.T.: 4.677 min  
Delta R.T.: 0.002 min  
Response: 59326145  
Conc: 53.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

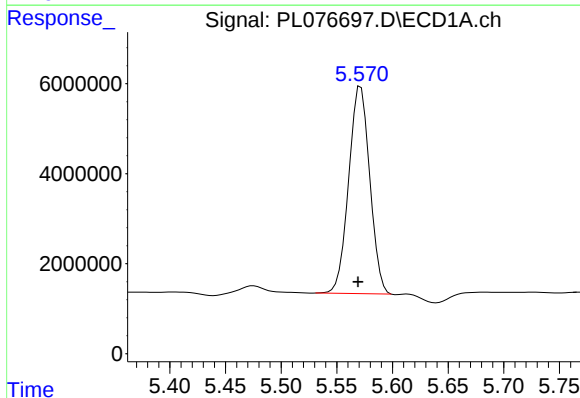
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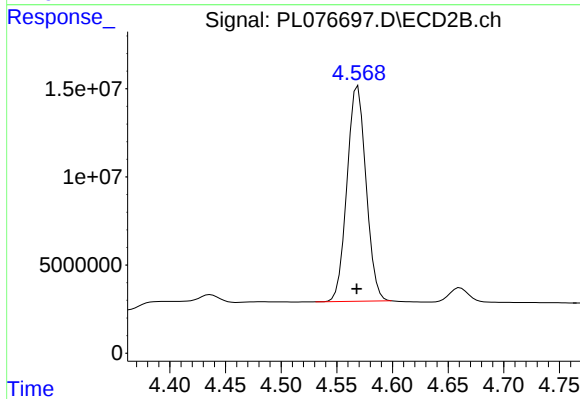
#7 delta-BHC

R.T.: 3.983 min  
Delta R.T.: 0.001 min  
Response: 180739754  
Conc: 47.40 ng/ml



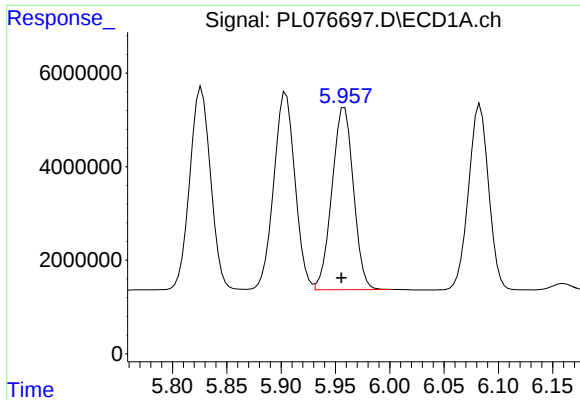
#8 Heptachlor epoxide

R.T.: 5.572 min  
Delta R.T.: 0.003 min  
Response: 60739532  
Conc: 54.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.569 min  
Delta R.T.: 0.000 min  
Response: 145313820  
Conc: 45.82 ng/ml



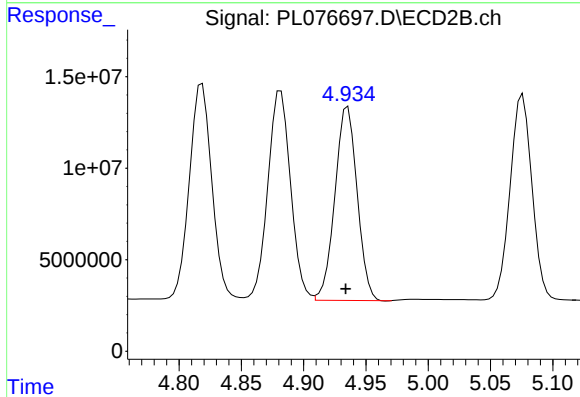
#9 Endosulfan I

R.T.: 5.958 min  
Delta R.T.: 0.003 min  
Response: 53689252  
Conc: 51.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

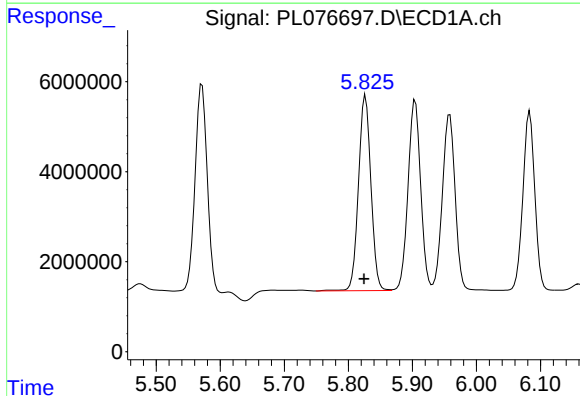
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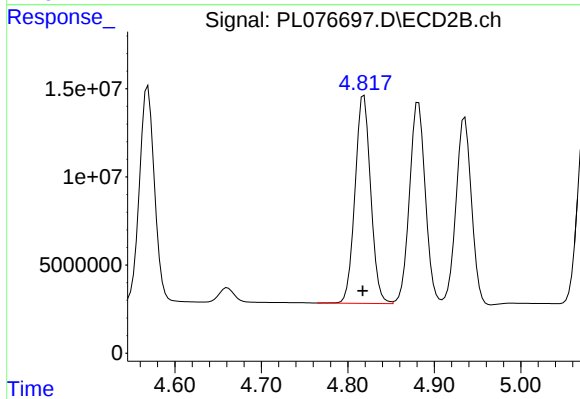
#9 Endosulfan I

R.T.: 4.935 min  
Delta R.T.: 0.002 min  
Response: 131673270  
Conc: 45.50 ng/ml



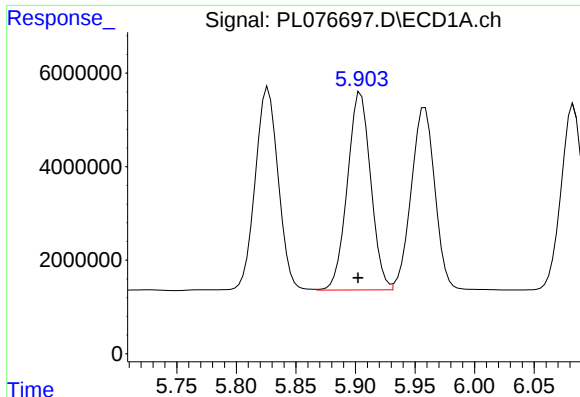
#10 gamma-Chlordane

R.T.: 5.827 min  
Delta R.T.: 0.002 min  
Response: 58540834  
Conc: 52.80 ng/ml



#10 gamma-Chlordane

R.T.: 4.819 min  
Delta R.T.: 0.001 min  
Response: 148356399  
Conc: 46.35 ng/ml



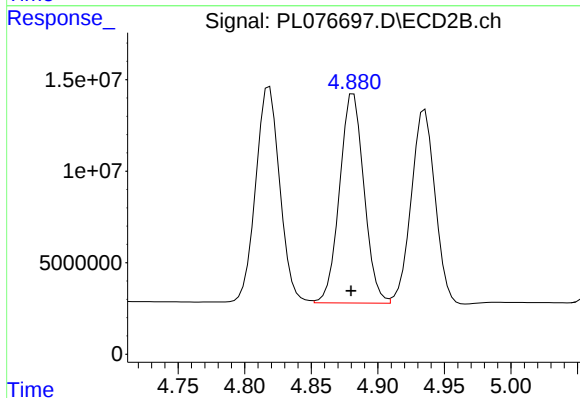
#11 alpha-Chlordane

R.T.: 5.904 min  
Delta R.T.: 0.002 min  
Response: 57614141  
Conc: 52.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

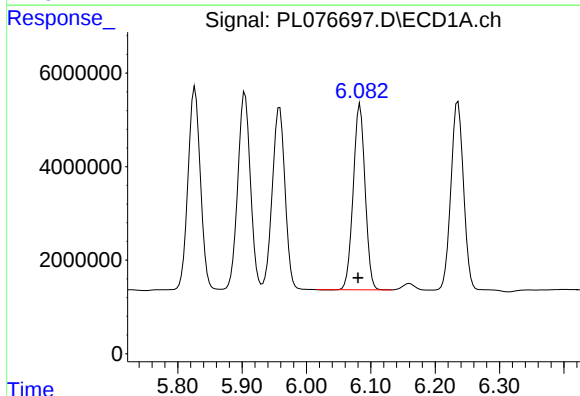
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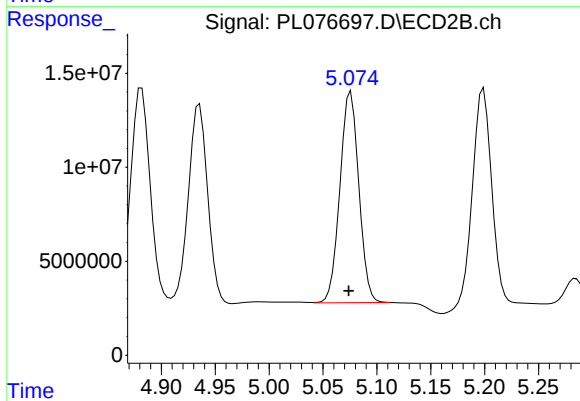
#11 alpha-Chlordane

R.T.: 4.882 min  
Delta R.T.: 0.002 min  
Response: 146015370  
Conc: 46.79 ng/ml



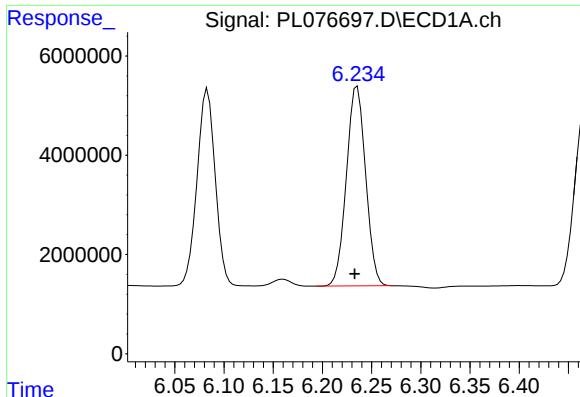
#12 4,4'-DDE

R.T.: 6.083 min  
Delta R.T.: 0.003 min  
Response: 51004926  
Conc: 51.96 ng/ml



#12 4,4'-DDE

R.T.: 5.076 min  
Delta R.T.: 0.002 min  
Response: 137202704  
Conc: 46.16 ng/ml



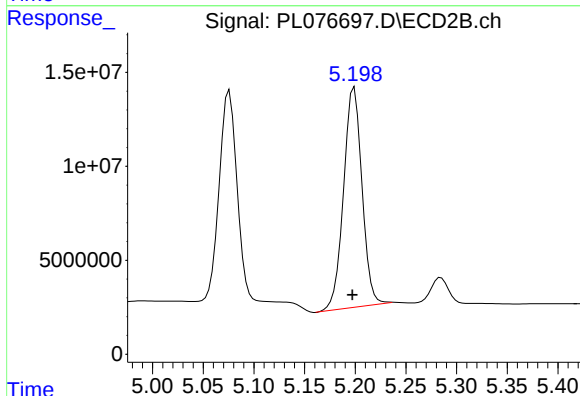
#13 Dieldrin

R.T.: 6.235 min  
Delta R.T.: 0.003 min  
Response: 54684131  
Conc: 51.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

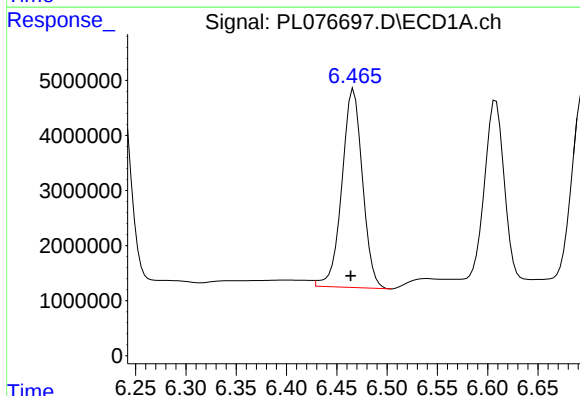
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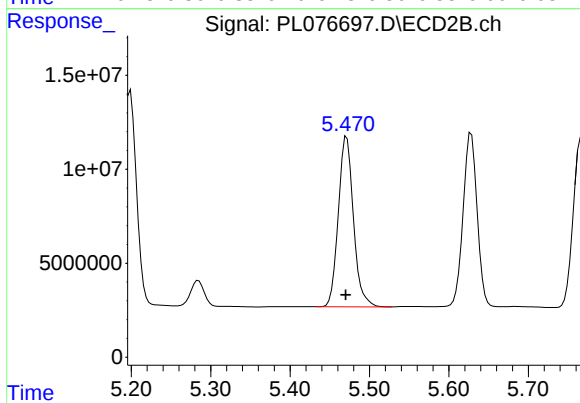
#13 Dieldrin

R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 147885877  
Conc: 47.66 ng/ml m



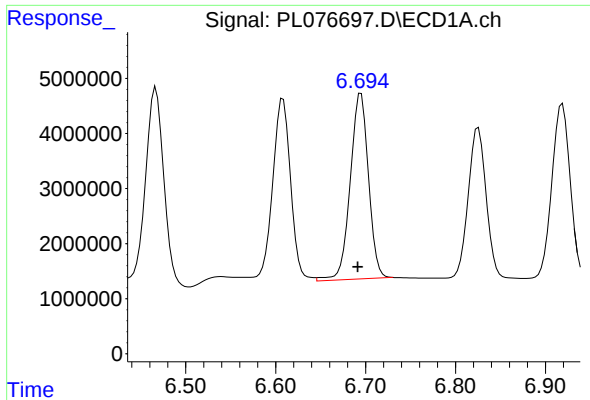
#14 Endrin

R.T.: 6.467 min  
Delta R.T.: 0.003 min  
Response: 51269525  
Conc: 53.37 ng/ml



#14 Endrin

R.T.: 5.471 min  
Delta R.T.: 0.001 min  
Response: 120103361  
Conc: 47.84 ng/ml



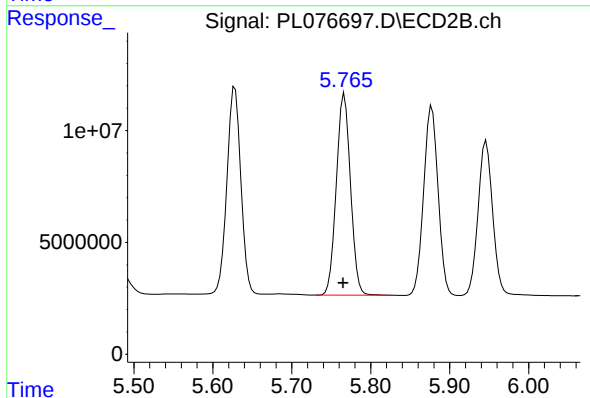
#15 Endosulfan II

R.T.: 6.695 min  
Delta R.T.: 0.004 min  
Response: 47470805  
Conc: 52.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

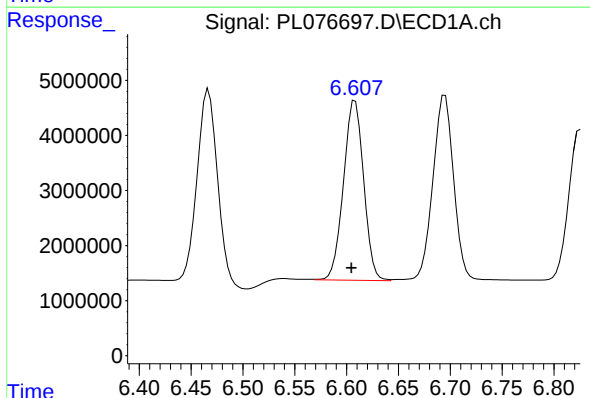
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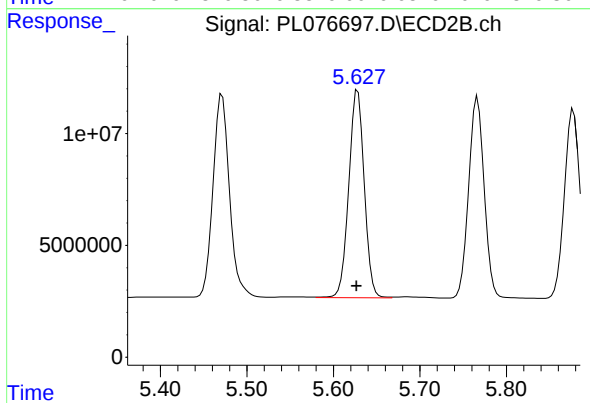
#15 Endosulfan II

R.T.: 5.767 min  
Delta R.T.: 0.002 min  
Response: 112287509  
Conc: 46.82 ng/ml



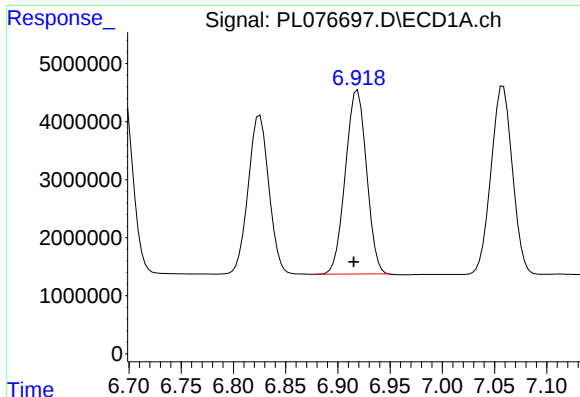
#16 4,4'-DDD

R.T.: 6.607 min  
Delta R.T.: 0.002 min  
Response: 44256870  
Conc: 53.09 ng/ml m



#16 4,4'-DDD

R.T.: 5.628 min  
Delta R.T.: 0.002 min  
Response: 115042059  
Conc: 48.56 ng/ml



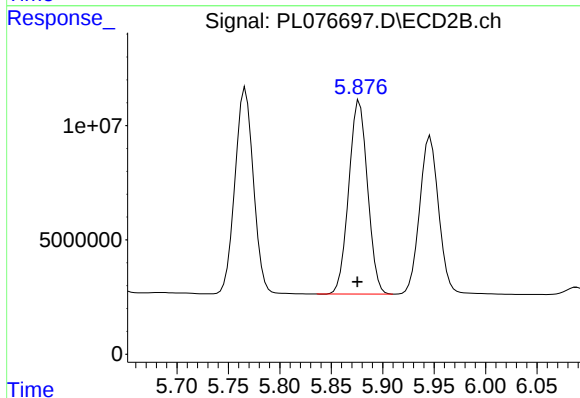
#17 4,4'-DDT

R.T.: 6.919 min  
Delta R.T.: 0.004 min  
Response: 44686156  
Conc: 49.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

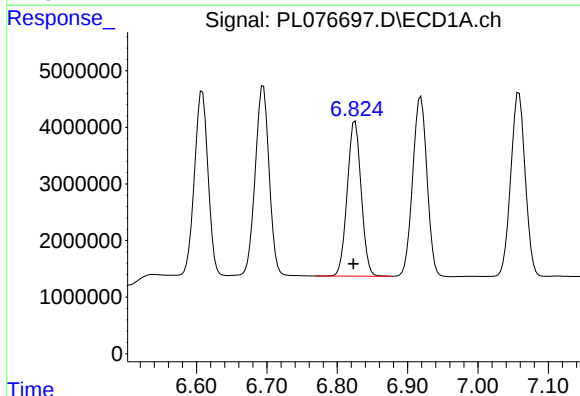
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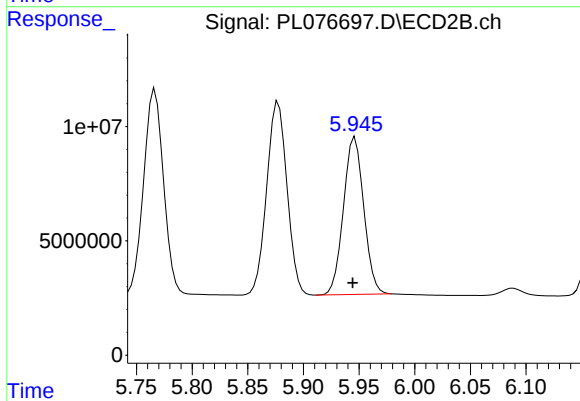
#17 4,4'-DDT

R.T.: 5.878 min  
Delta R.T.: 0.002 min  
Response: 107689886  
Conc: 44.82 ng/ml



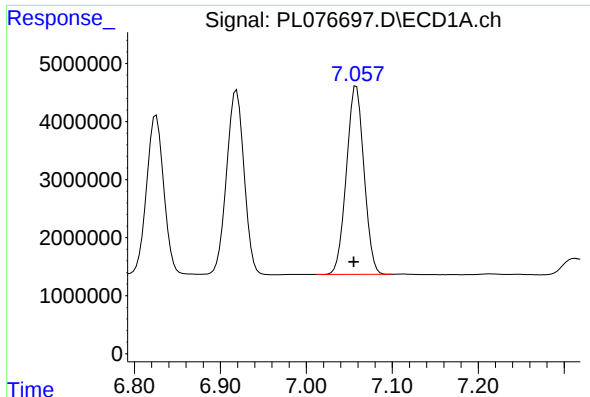
#18 Endrin aldehyde

R.T.: 6.825 min  
Delta R.T.: 0.003 min  
Response: 37808722  
Conc: 51.86 ng/ml



#18 Endrin aldehyde

R.T.: 5.946 min  
Delta R.T.: 0.002 min  
Response: 87477545  
Conc: 46.43 ng/ml



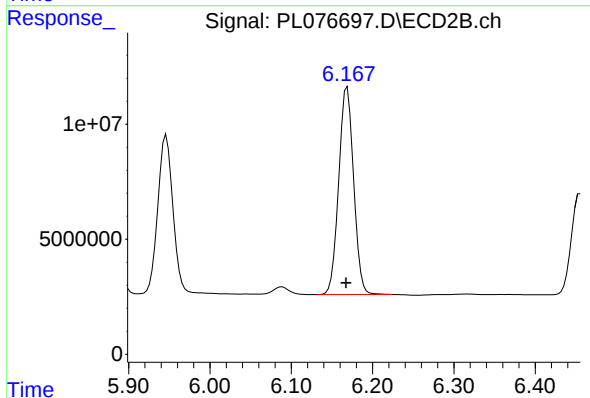
#19 Endosulfan Sulfate

R.T.: 7.058 min  
Delta R.T.: 0.003 min  
Response: 46270864  
Conc: 51.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

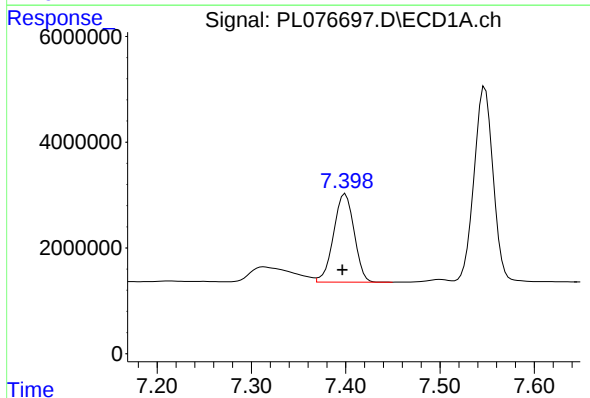
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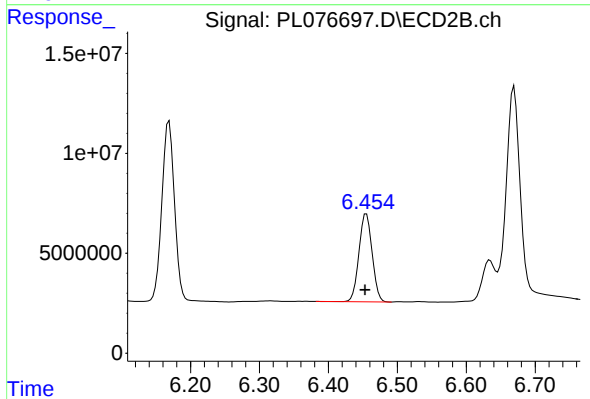
#19 Endosulfan Sulfate

R.T.: 6.169 min  
Delta R.T.: 0.001 min  
Response: 114818689  
Conc: 46.68 ng/ml



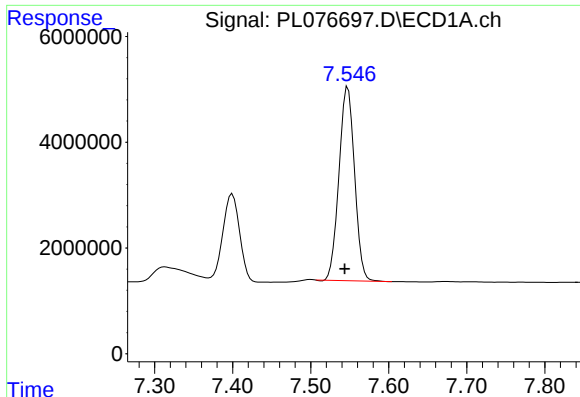
#20 Methoxychlor

R.T.: 7.400 min  
Delta R.T.: 0.003 min  
Response: 25259115  
Conc: 49.92 ng/ml



#20 Methoxychlor

R.T.: 6.455 min  
Delta R.T.: 0.002 min  
Response: 58353698  
Conc: 44.62 ng/ml



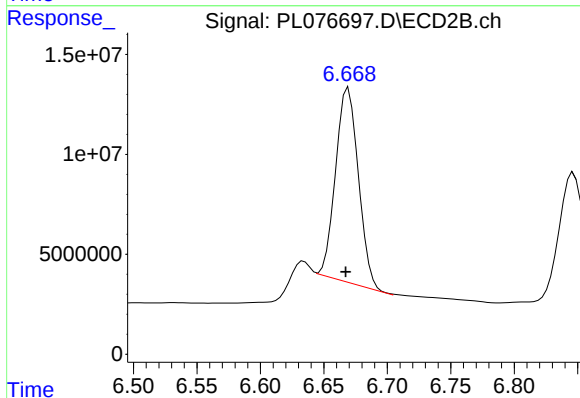
#21 Endrin ketone

R.T.: 7.548 min  
Delta R.T.: 0.004 min  
Response: 50762011  
Conc: 49.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

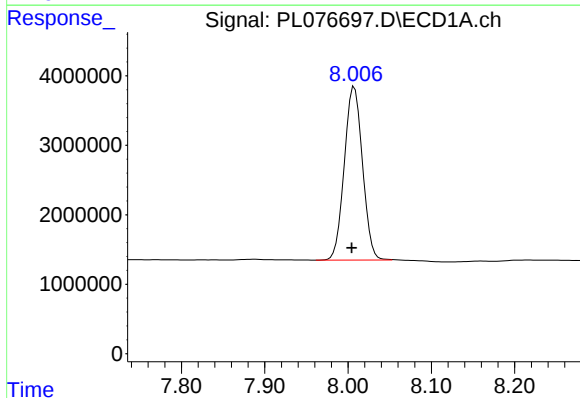
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/28/2022  
Supervised By :Ankita Jodhani 07/28/2022



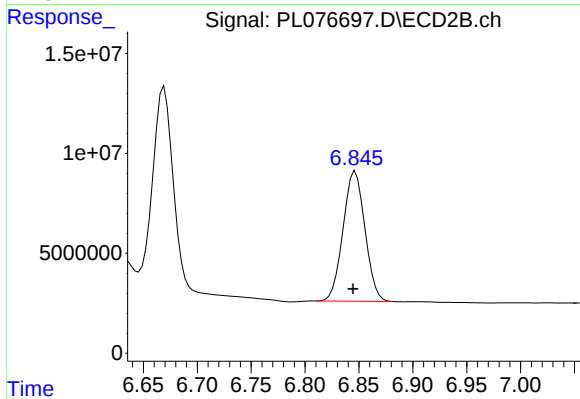
#21 Endrin ketone

R.T.: 6.668 min  
Delta R.T.: 0.000 min  
Response: 121535407  
Conc: 44.78 ng/ml m



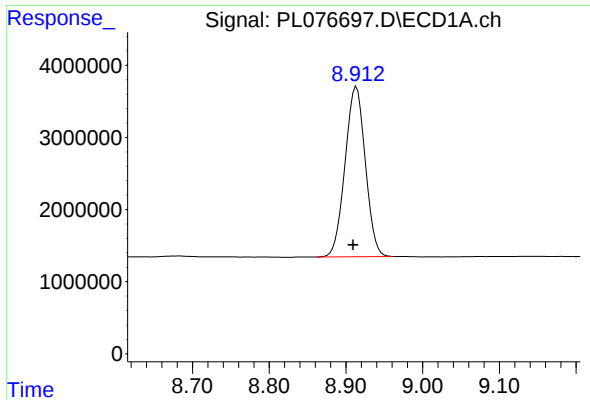
#22 Mirex

R.T.: 8.008 min  
Delta R.T.: 0.003 min  
Response: 37879428  
Conc: 48.97 ng/ml



#22 Mirex

R.T.: 6.847 min  
Delta R.T.: 0.002 min  
Response: 92059556  
Conc: 45.91 ng/ml



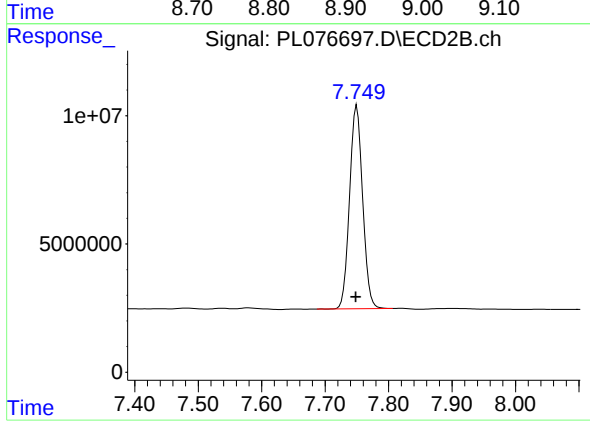
#28 Decachlorobiphenyl

R.T.: 8.914 min  
Delta R.T.: 0.004 min  
Response: 43487018  
Conc: 49.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/28/2022  
Supervised By :Ankita Jodhani 07/28/2022



#28 Decachlorobiphenyl

R.T.: 7.750 min  
Delta R.T.: 0.002 min  
Response: 113406621  
Conc: 44.18 ng/ml