

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO110323\  
 Data File : PO099351.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Nov 2023 16:47  
 Operator : YP/AJ  
 Sample : 05217-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 1193

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023  
 Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 03 23:06:39 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO102523.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Oct 25 06:04:36 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|--------|-------|----------|----------|----------|-----------|
| -----                       |        |       |          |          |          |           |
| System Monitoring Compounds |        |       |          |          |          |           |
| 1) SA Tetrachlo...          | 4.467  | 3.624 | 40572258 | 15333443 | 20.533   | 21.306    |
| 2) SA Decachlor...          | 10.257 | 8.613 | 30121308 | 11959269 | 26.588m  | 22.290m   |
| Target Compounds            |        |       |          |          |          |           |
| 3) L1 AR-1016-1             | 5.639  | 4.702 | 30230610 | 17474841 | 548.985m | 780.338m# |
| 4) L1 AR-1016-2             | 5.662  | 4.720 | 55801723 | 27371155 | 674.831  | 875.691m# |
| 5) L1 AR-1016-3             | 5.724  | 4.896 | 44968486 | 16778819 | 873.647  | 990.907   |
| 6) L1 AR-1016-4             | 5.821  | 4.941 | 37228869 | 12291448 | 915.988m | 850.164   |
| 7) L1 AR-1016-5             | 6.116  | 5.151 | 22929966 | 7768149  | 540.252m | 415.812   |
| -----                       |        |       |          |          |          |           |

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

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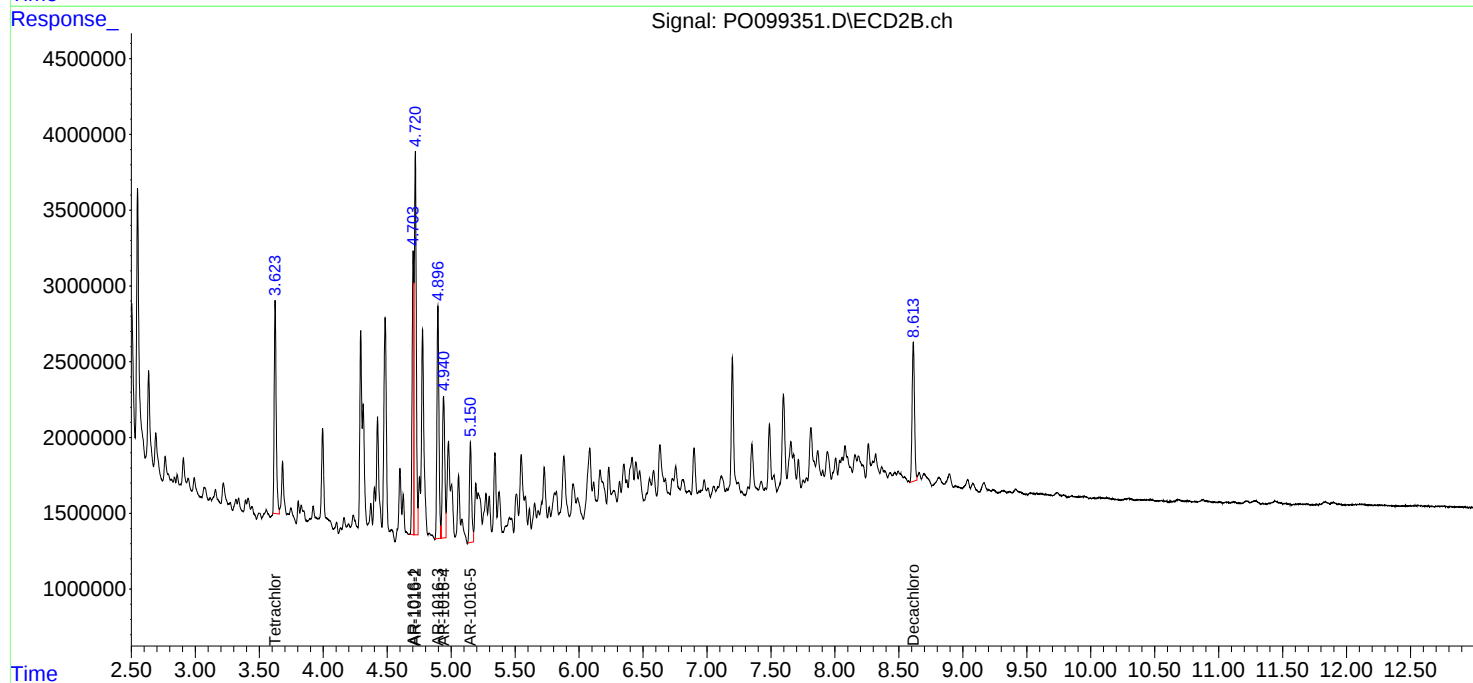
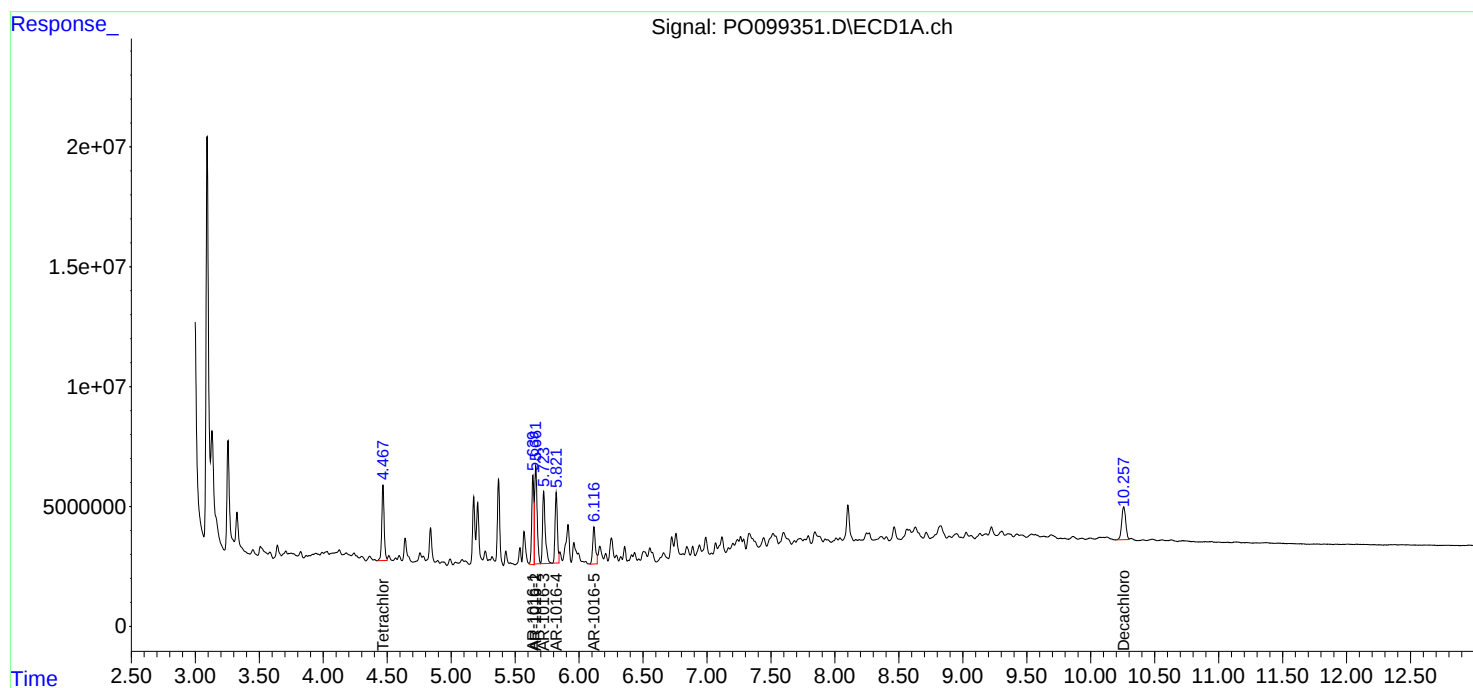
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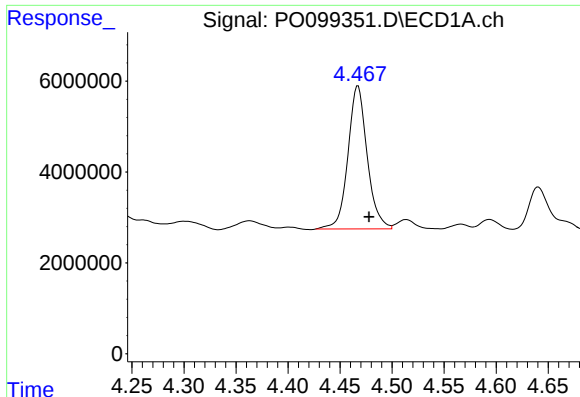
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Integration File signal 1: autoint1.e  
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Quant Title : GC EXTRACTABLES  
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





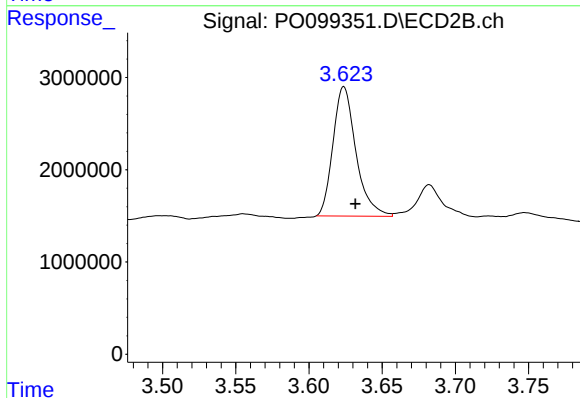
#1 Tetrachloro-m-xylene

R.T.: 4.467 min  
Delta R.T.: -0.011 min  
Response: 40572258  
Conc: 20.53 ng/ml

Instrument :  
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ClientSampleId :  
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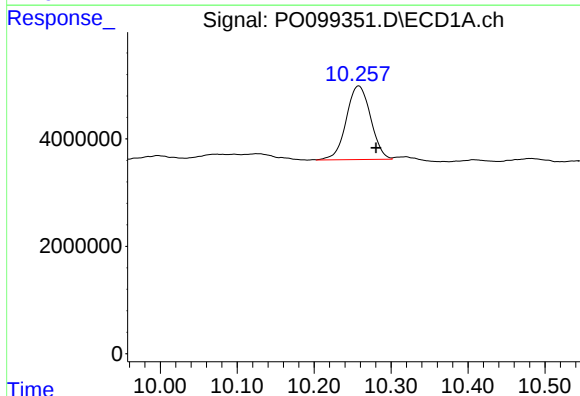
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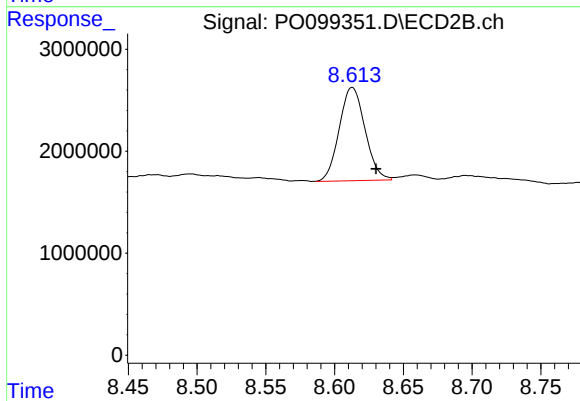
#1 Tetrachloro-m-xylene

R.T.: 3.624 min  
Delta R.T.: -0.008 min  
Response: 15333443  
Conc: 21.31 ng/ml



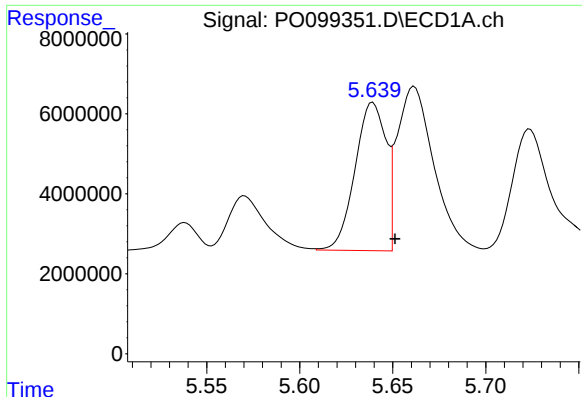
#2 Decachlorobiphenyl

R.T.: 10.257 min  
Delta R.T.: -0.023 min  
Response: 30121308  
Conc: 26.59 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.613 min  
Delta R.T.: -0.018 min  
Response: 11959269  
Conc: 22.29 ng/ml m



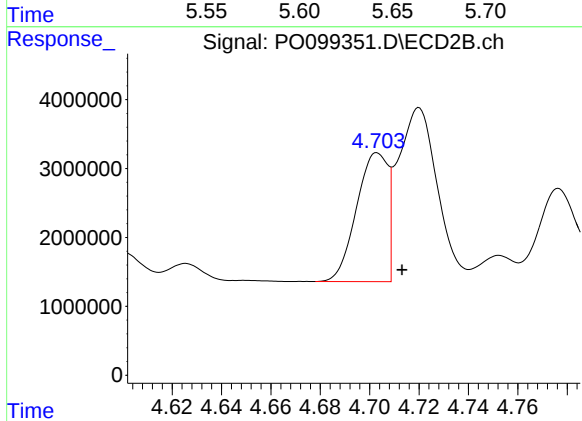
#3 AR-1016-1

R.T.: 5.639 min  
Delta R.T.: -0.013 min  
Response: 30230610  
Conc: 548.99 ng/ml

Instrument :  
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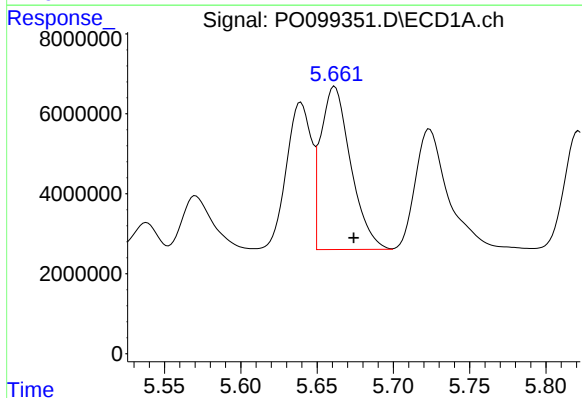
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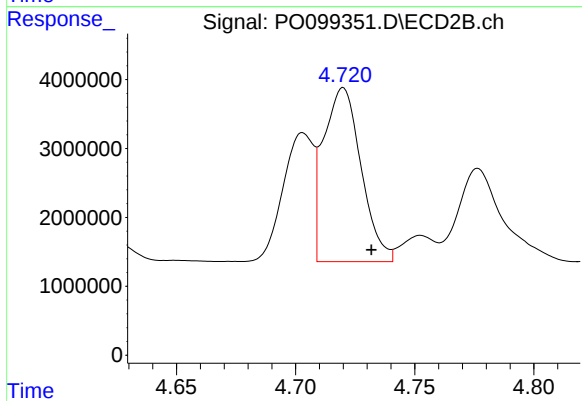
#3 AR-1016-1

R.T.: 4.702 min  
Delta R.T.: -0.011 min  
Response: 17474841  
Conc: 780.34 ng/ml m



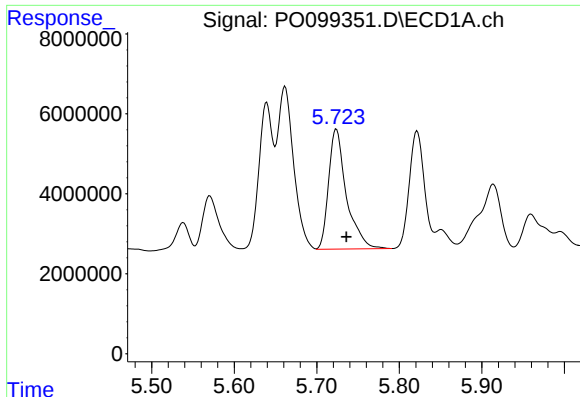
#4 AR-1016-2

R.T.: 5.662 min  
Delta R.T.: -0.012 min  
Response: 55801723  
Conc: 674.83 ng/ml



#4 AR-1016-2

R.T.: 4.720 min  
Delta R.T.: -0.012 min  
Response: 27371155  
Conc: 875.69 ng/ml m



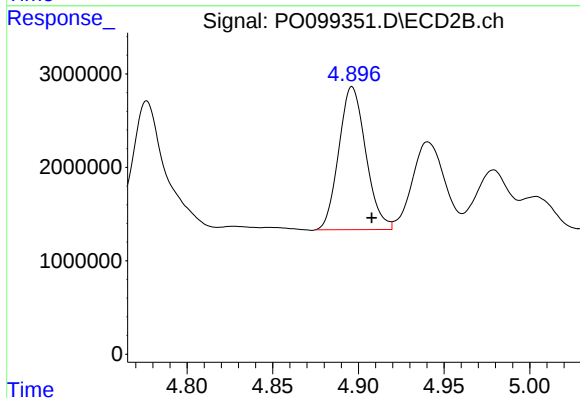
#5 AR-1016-3

R.T.: 5.724 min  
Delta R.T.: -0.012 min  
Response: 44968486  
Conc: 873.65 ng/ml

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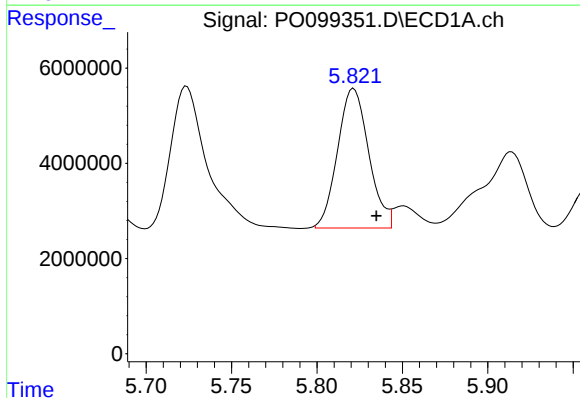
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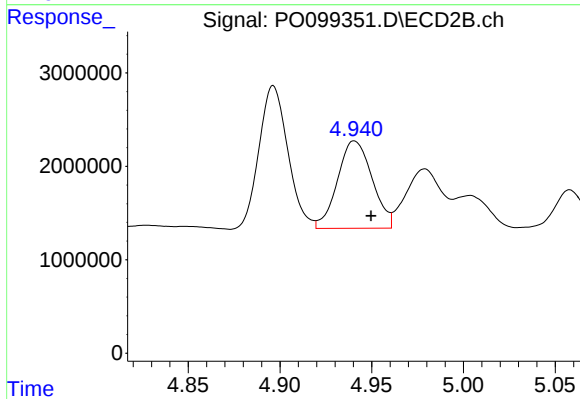
#5 AR-1016-3

R.T.: 4.896 min  
Delta R.T.: -0.011 min  
Response: 16778819  
Conc: 990.91 ng/ml



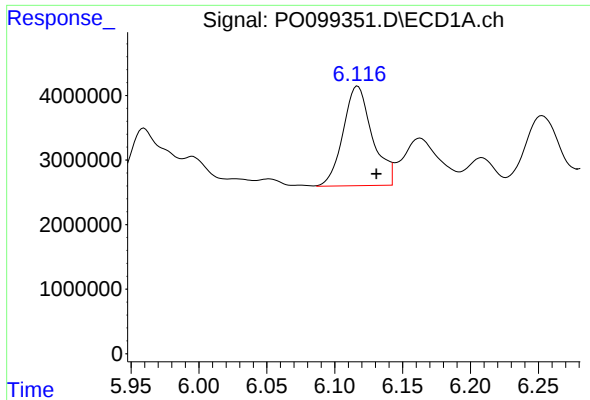
#6 AR-1016-4

R.T.: 5.821 min  
Delta R.T.: -0.014 min  
Response: 37228869  
Conc: 915.99 ng/ml m



#6 AR-1016-4

R.T.: 4.941 min  
Delta R.T.: -0.009 min  
Response: 12291448  
Conc: 850.16 ng/ml



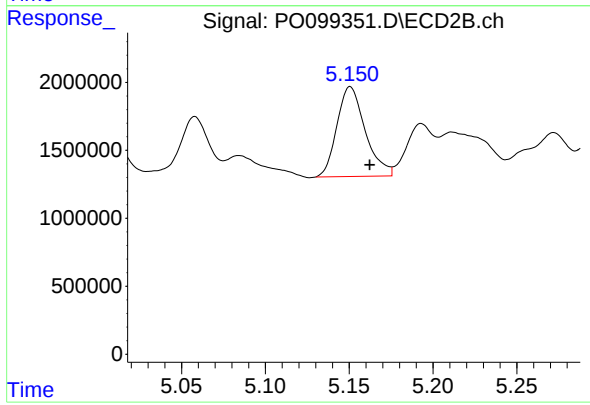
#7 AR-1016-5

R.T.: 6.116 min  
Delta R.T.: -0.014 min  
Response: 22929966  
Conc: 540.25 ng/ml

Instrument :  
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#7 AR-1016-5

R.T.: 5.151 min  
Delta R.T.: -0.012 min  
Response: 7768149  
Conc: 415.81 ng/ml