

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012925\
 Data File : PQ069868.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jan 2025 17:10
 Operator : YP\AJ
 Sample : Q1168-09
 Misc : AR1242 MDL 25 PPB
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 00:47:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 28 14:44:45 2025
 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...	3.416	2.786	175.6E6	131.2E6	21.737	17.262
2) SA Decachlor...	8.531	7.561	110.3E6	149.8E6	23.711	19.460
Target Compounds						
16) L4 AR-1242-1	4.499	3.789	6418555	5472952	32.154	29.166m
17) L4 AR-1242-2	4.518	3.805	10372993	7156973	32.653	24.869m
18) L4 AR-1242-3	4.576	3.965	6827692	4293748	33.067	25.763m
19) L4 AR-1242-4	4.666	4.050	5390713	4529823	32.129	28.843m
20) L4 AR-1242-5	5.373	4.547	5709162	6289350	33.334	32.707

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

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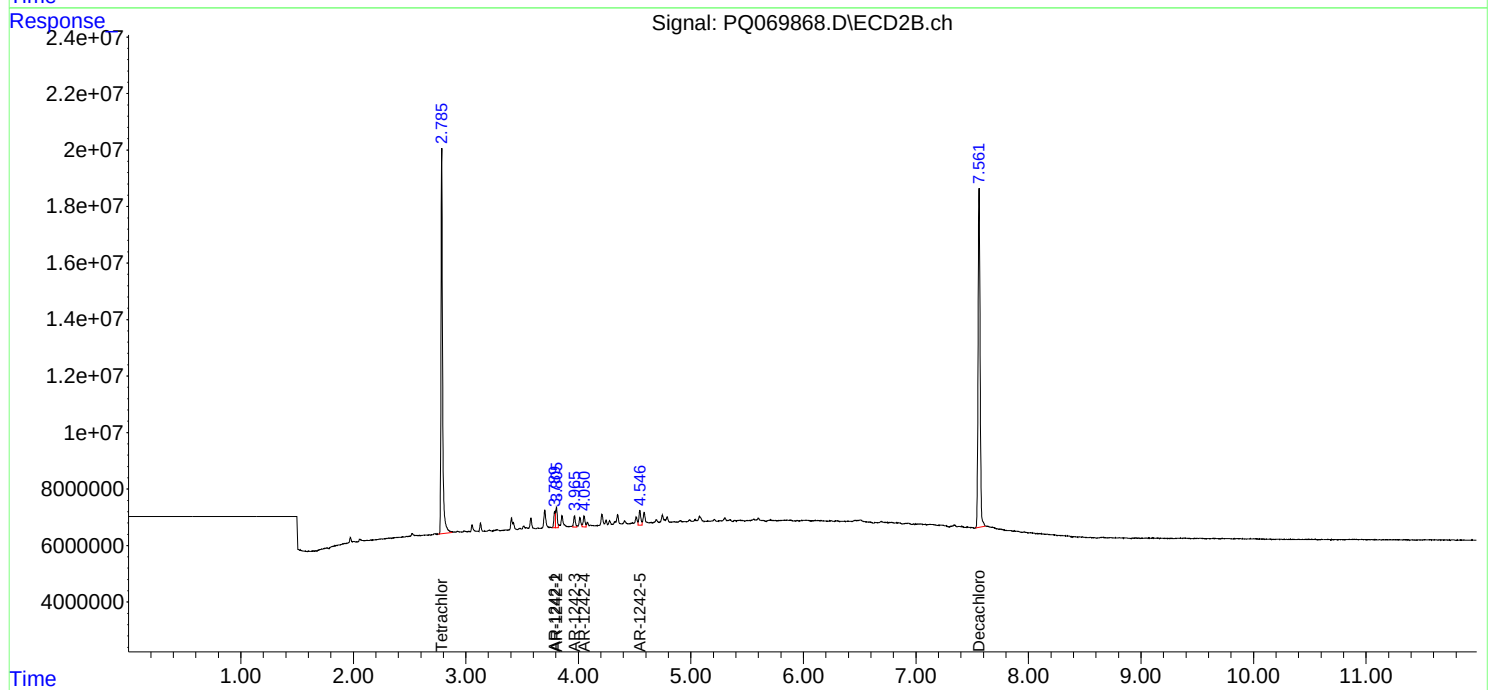
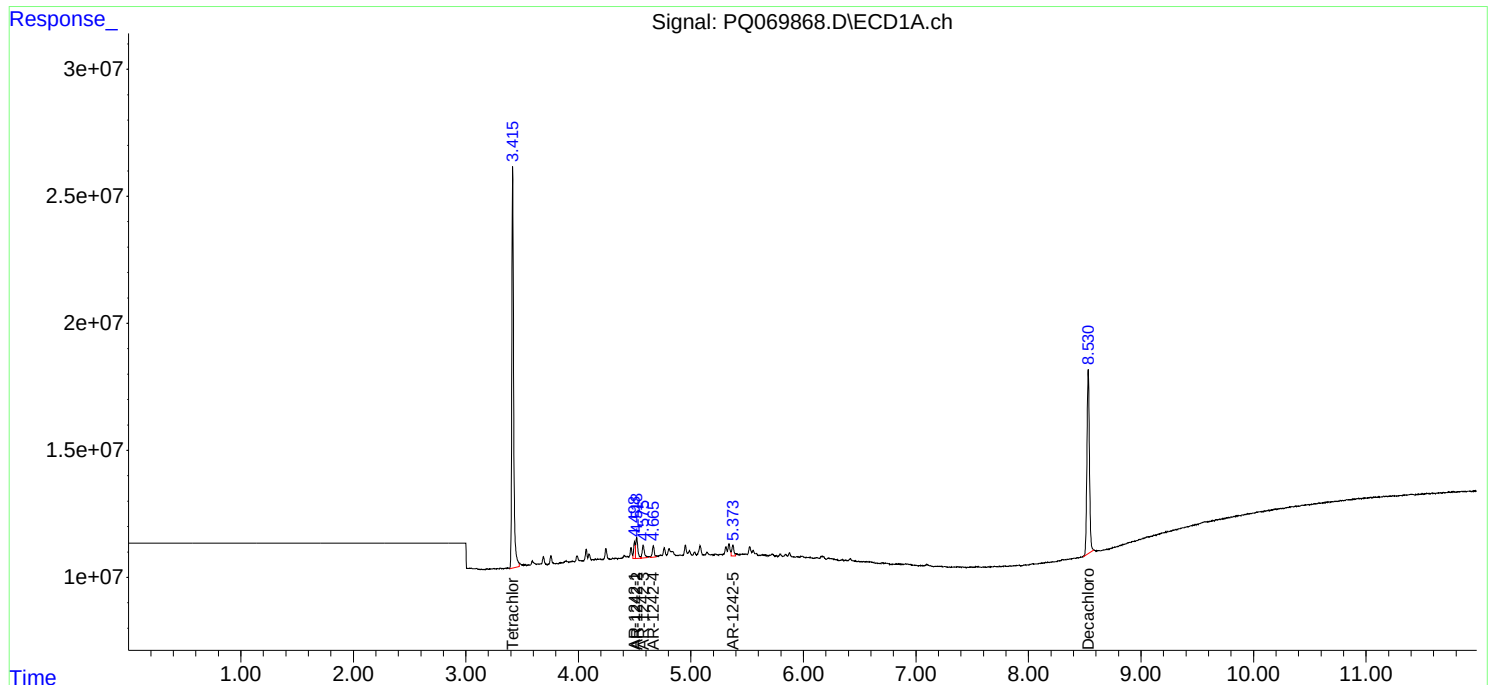
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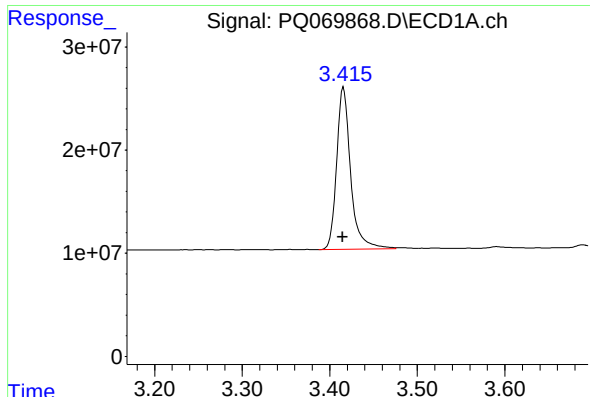
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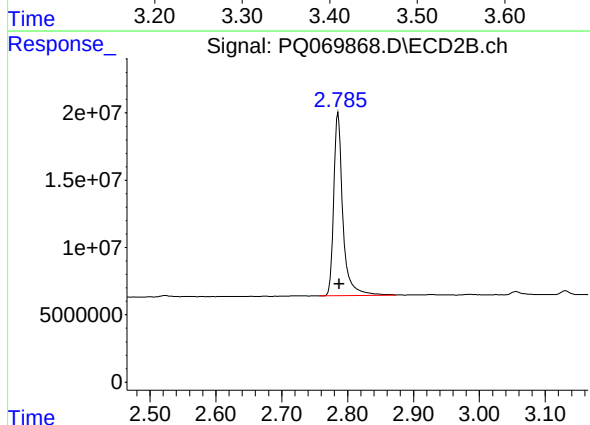
#1 Tetrachloro-m-xylene

R.T.: 3.416 min
Delta R.T.: 0.000 min
Response: 175614211
Conc: 21.74 ng/ml

Instrument :
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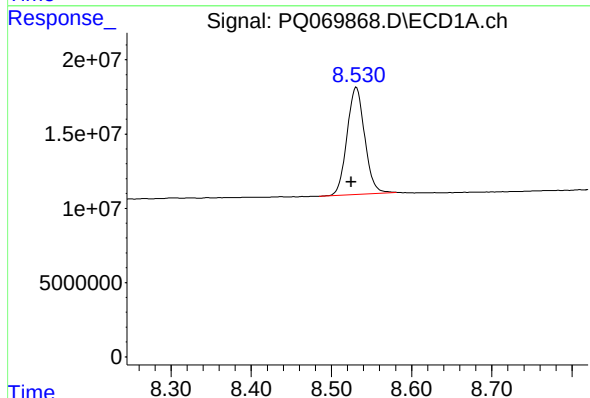
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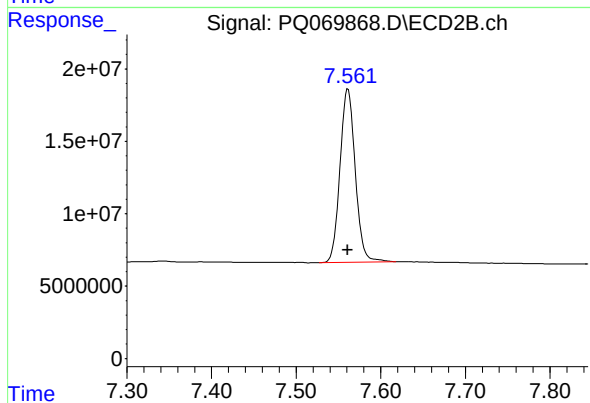
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: -0.002 min
Response: 131193976
Conc: 17.26 ng/ml



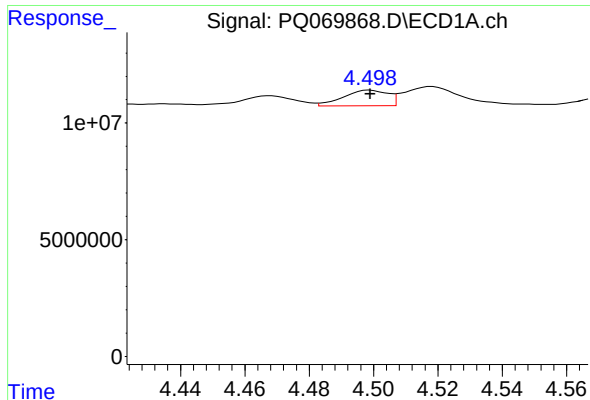
#2 Decachlorobiphenyl

R.T.: 8.531 min
Delta R.T.: 0.006 min
Response: 110279068
Conc: 23.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 149811696
Conc: 19.46 ng/ml



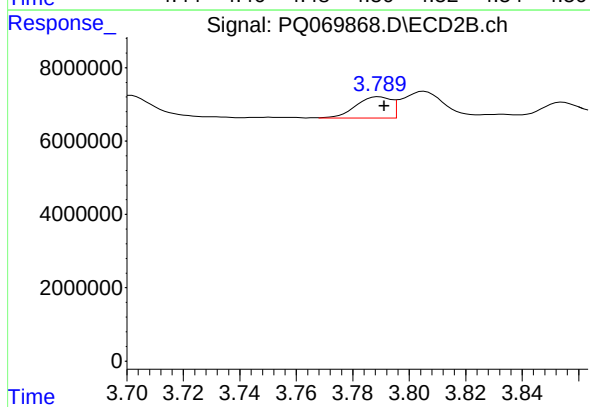
#16 AR-1242-1

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 6418555
Conc: 32.15 ng/ml

Instrument :
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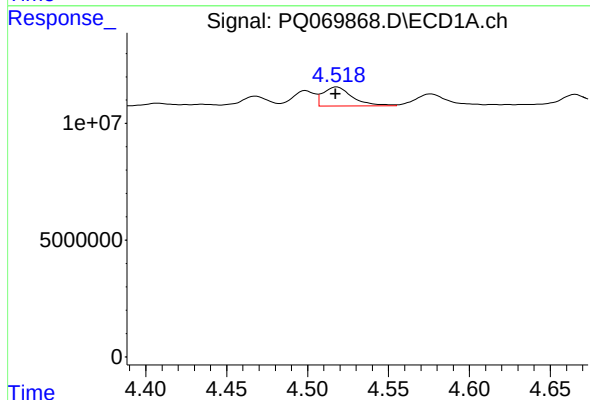
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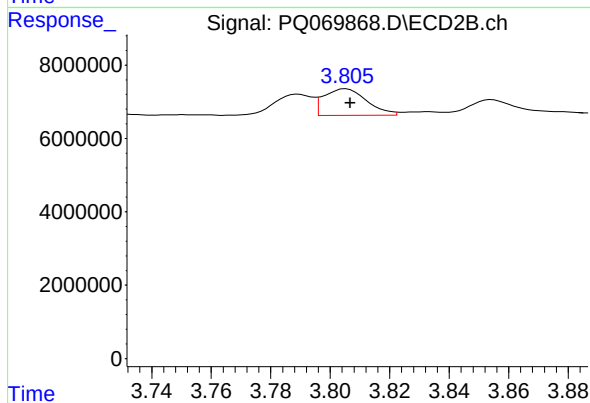
#16 AR-1242-1

R.T.: 3.789 min
Delta R.T.: -0.003 min
Response: 5472952
Conc: 29.17 ng/ml



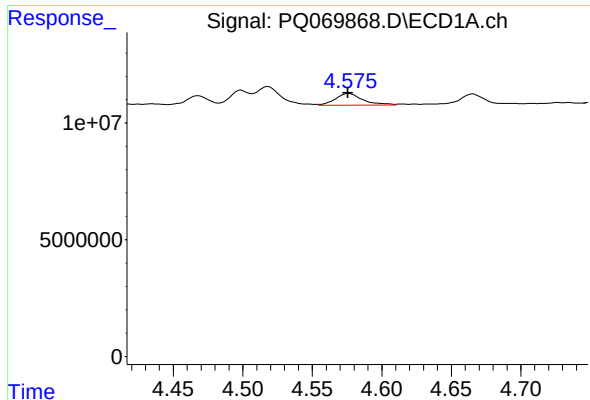
#17 AR-1242-2

R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 10372993
Conc: 32.65 ng/ml



#17 AR-1242-2

R.T.: 3.805 min
Delta R.T.: -0.002 min
Response: 7156973
Conc: 24.87 ng/ml



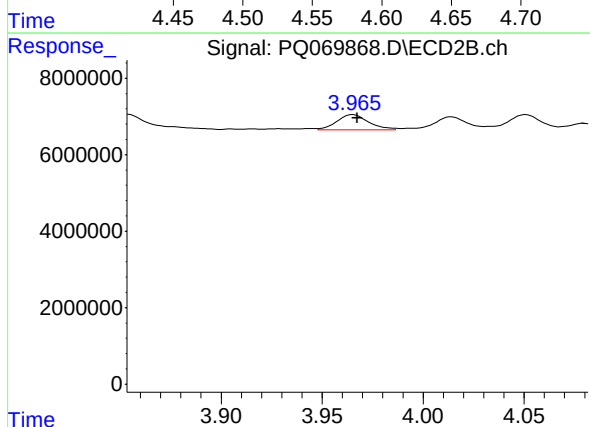
#18 AR-1242-3

R.T.: 4.576 min
Delta R.T.: 0.000 min
Response: 6827692
Conc: 33.07 ng/ml

Instrument :
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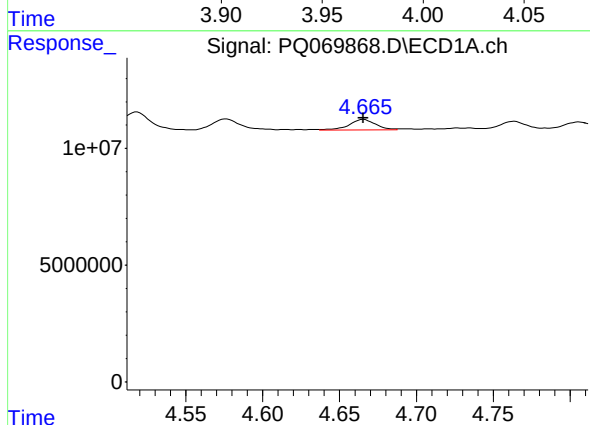
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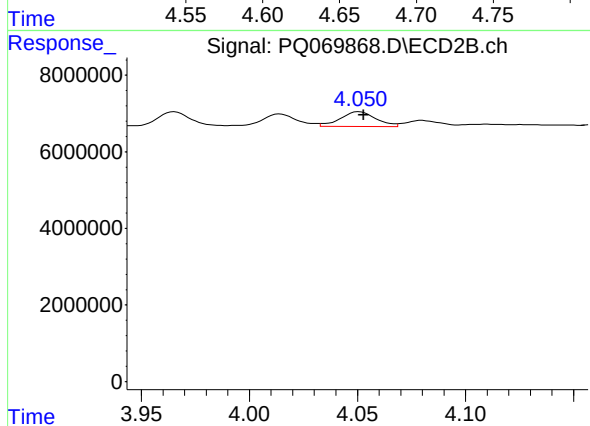
#18 AR-1242-3

R.T.: 3.965 min
Delta R.T.: -0.003 min
Response: 4293748
Conc: 25.76 ng/ml



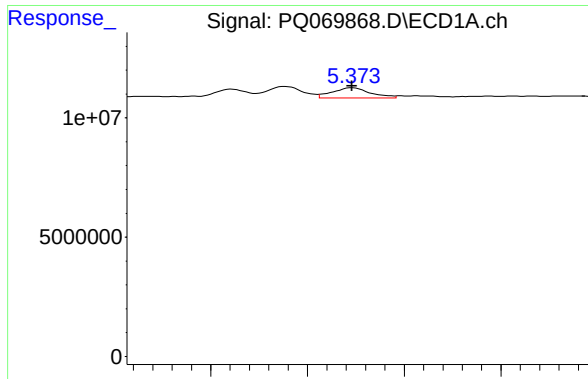
#19 AR-1242-4

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 5390713
Conc: 32.13 ng/ml



#19 AR-1242-4

R.T.: 4.050 min
Delta R.T.: -0.003 min
Response: 4529823
Conc: 28.84 ng/ml



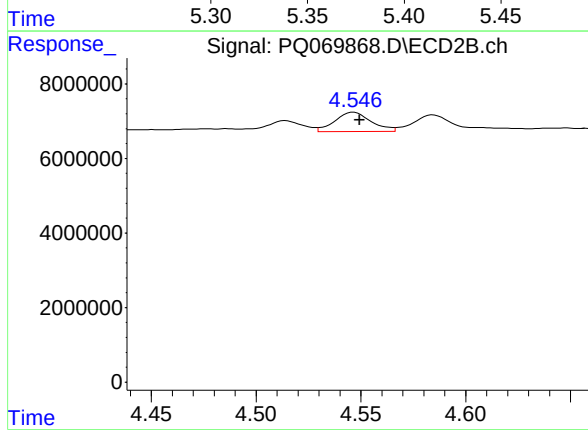
#20 AR-1242-5

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 5709162
Conc: 33.33 ng/ml

Instrument :
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#20 AR-1242-5

R.T.: 4.547 min
Delta R.T.: -0.003 min
Response: 6289350
Conc: 32.71 ng/ml