Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012825\
Data File : PQ069807.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:24
Operator : YP\AJ
Sample : Q1168-01
Misc : AR1268 LOD 25 PPB
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 22:17:13 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	2.787	151.3E6	126.2E6	18.727	16.608
2)	SA Decachlor...	8.528	7.561	98640168	151.3E6	21.208	19.647
	Target Compounds						
41)	L9 AR-1268-1	7.444	6.523	16237688	25663542	19.638m	23.195
42)	L9 AR-1268-2	7.520	6.586	14225262	21635884	19.107	21.323
43)	L9 AR-1268-3	7.702	6.788	13174182	19507547	20.490	21.536
44)	L9 AR-1268-4	8.015	7.075	4776164	6537239	19.067	19.108
45)	L9 AR-1268-5	8.299	7.343	33051932	52372491	18.991	20.298

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

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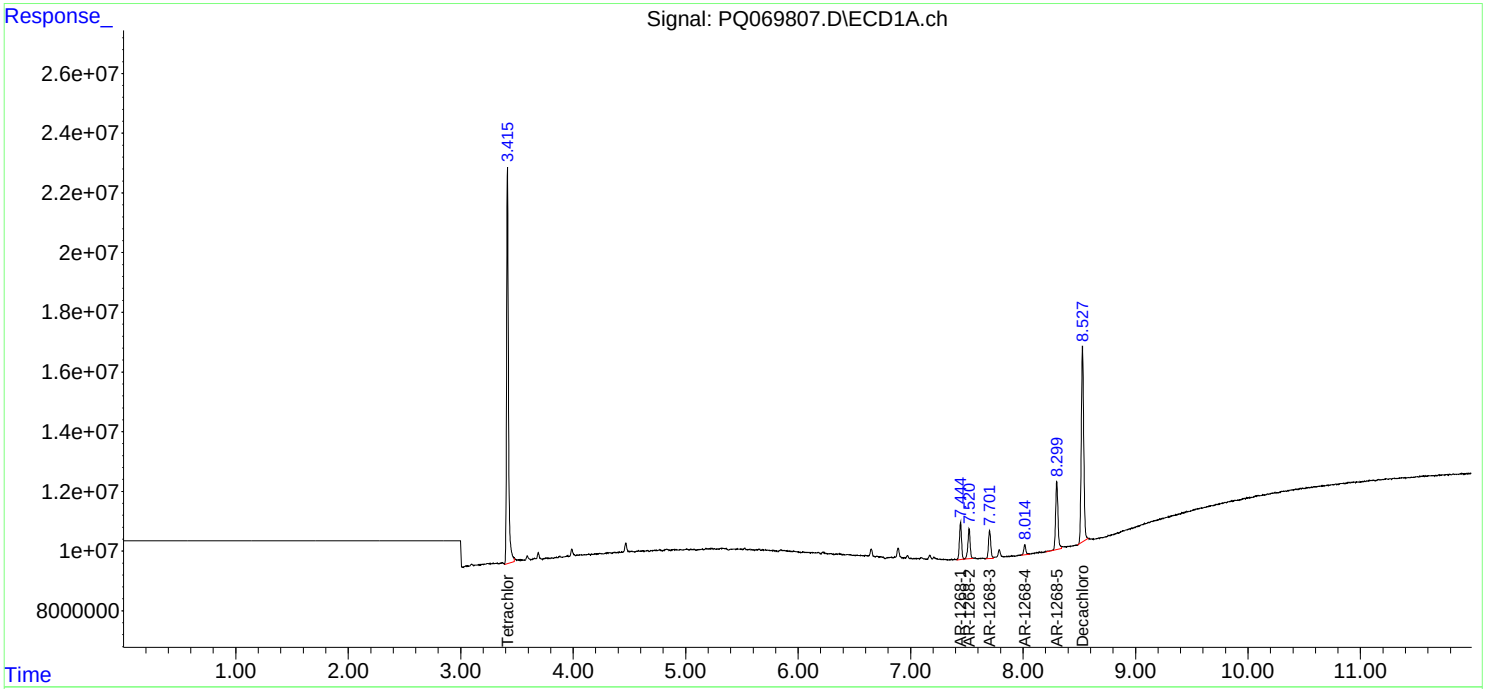

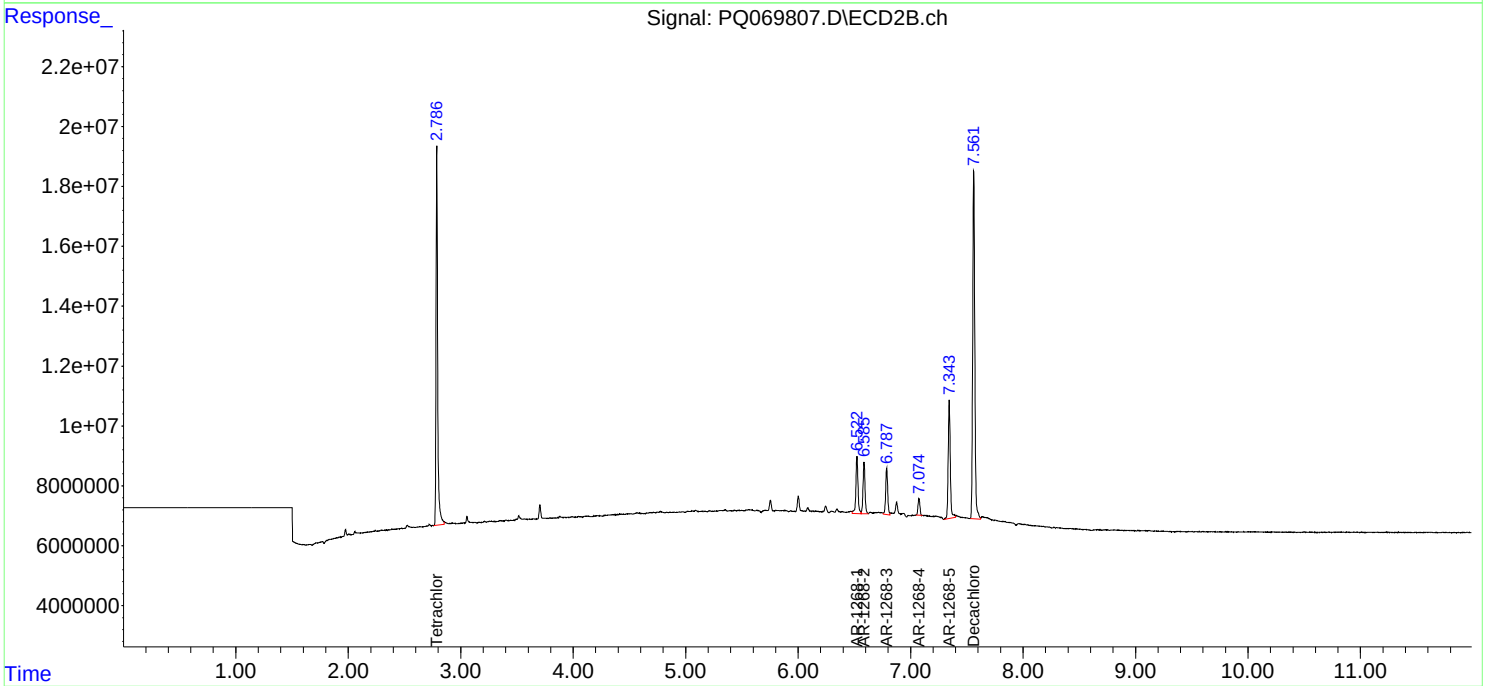

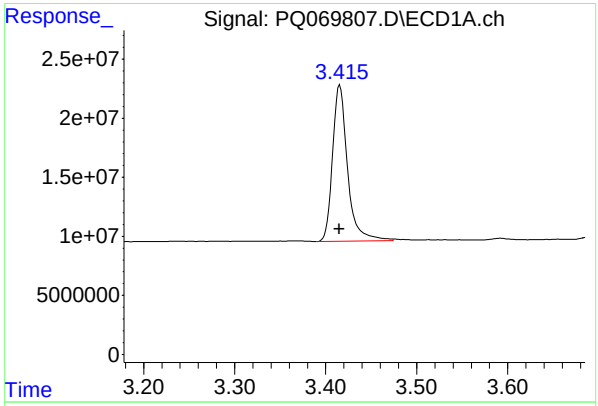

#1 Tetrachloro-m-xylene

R.T.: 3.416 min
Delta R.T.: 0.000 min
Response: 151298913
Conc: 18.73 ng/ml

Instrument :
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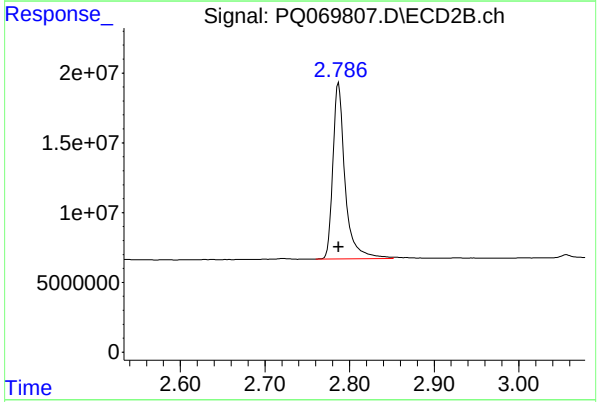
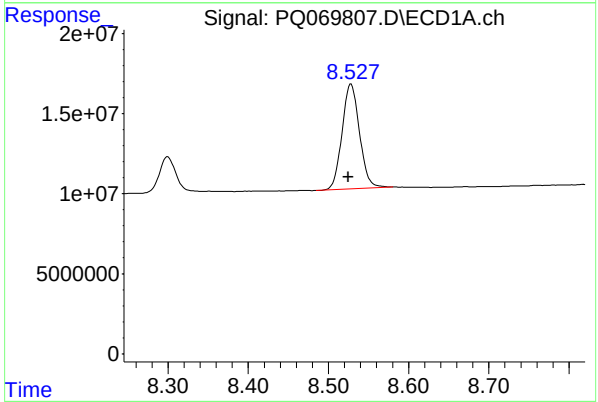


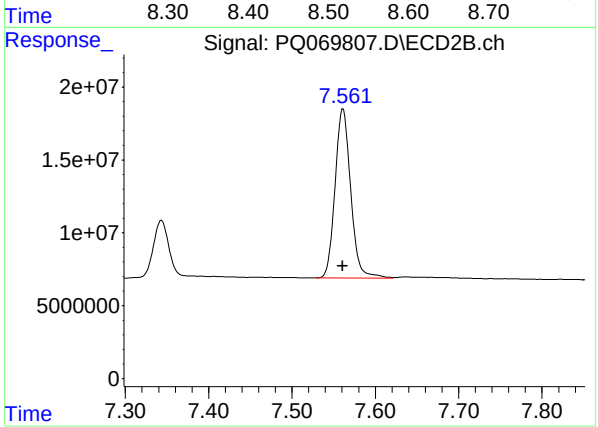
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: 0.000 min
Response: 126224548
Conc: 16.61 ng/ml



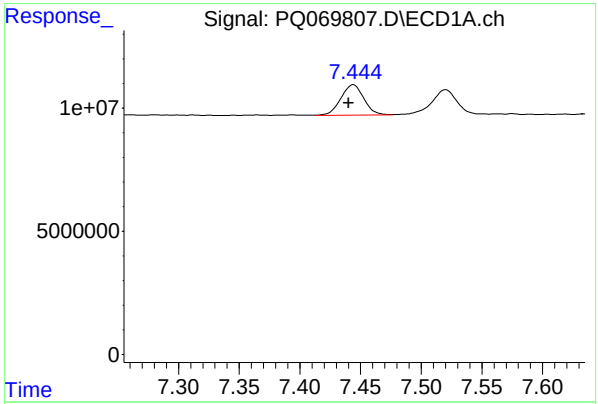
#2 Decachlorobiphenyl

R.T.: 8.528 min
Delta R.T.: 0.003 min
Response: 98640168
Conc: 21.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 151251495
Conc: 19.65 ng/ml



#41 AR-1268-1

R.T.: 7.444 min
Delta R.T.: 0.003 min
Response: 16237688
Conc: 19.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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Manual Integrations
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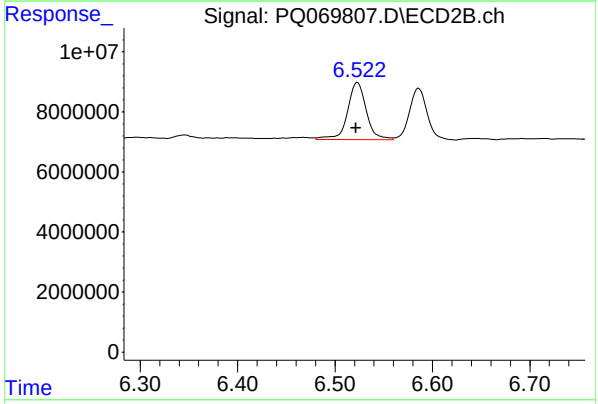
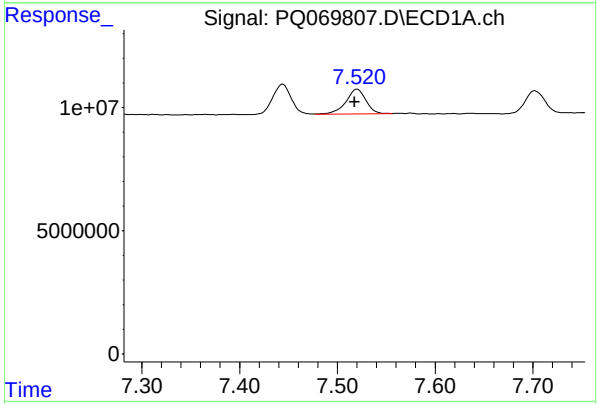


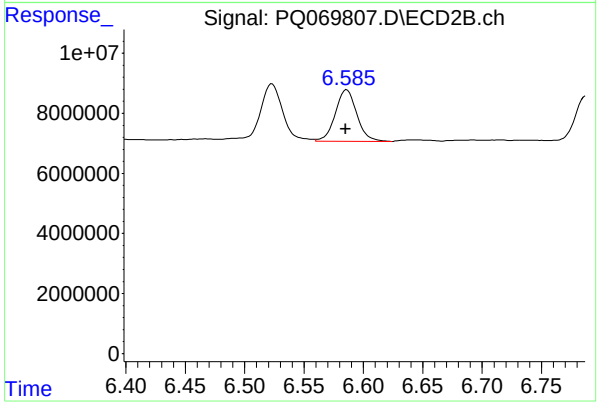
#41 AR-1268-1

R.T.: 6.523 min
Delta R.T.: 0.001 min
Response: 25663542
Conc: 23.20 ng/ml



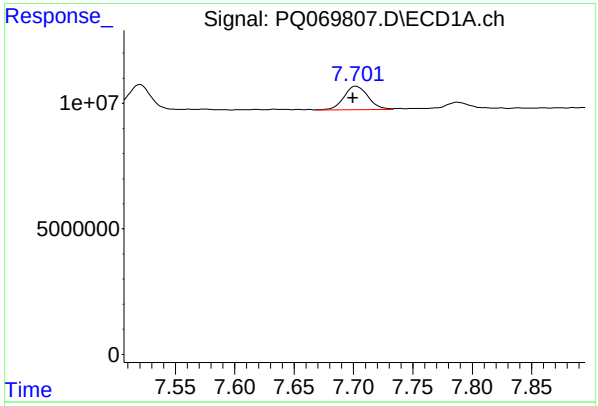
#42 AR-1268-2

R.T.: 7.520 min
Delta R.T.: 0.003 min
Response: 14225262
Conc: 19.11 ng/ml



#42 AR-1268-2

R.T.: 6.586 min
Delta R.T.: 0.001 min
Response: 21635884
Conc: 21.32 ng/ml



#43 AR-1268-3

R.T.: 7.702 min
Delta R.T.: 0.002 min
Response: 13174182
Conc: 20.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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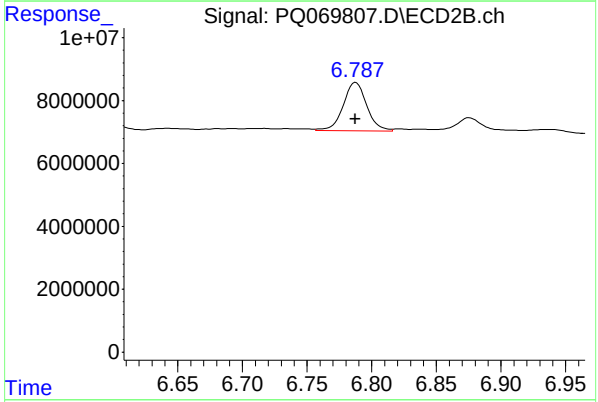
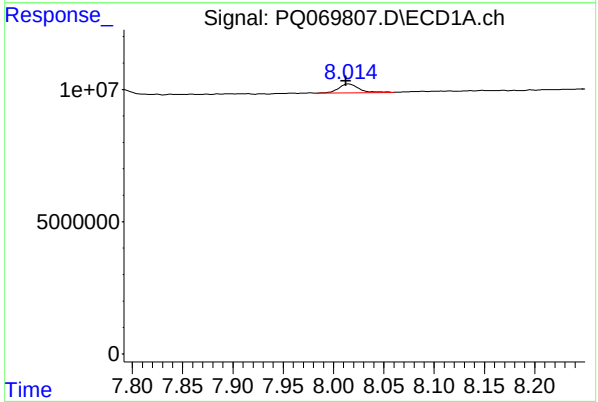


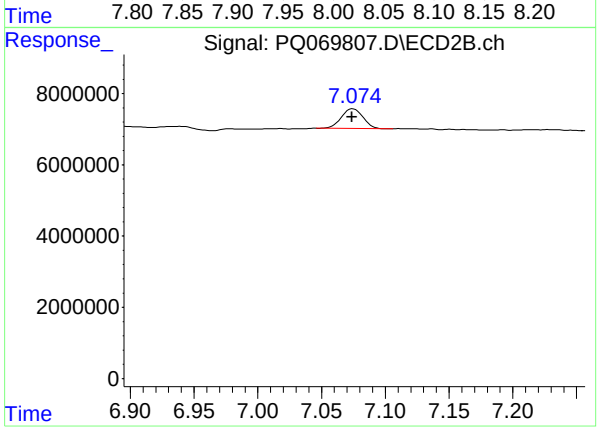
#43 AR-1268-3

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 19507547
Conc: 21.54 ng/ml



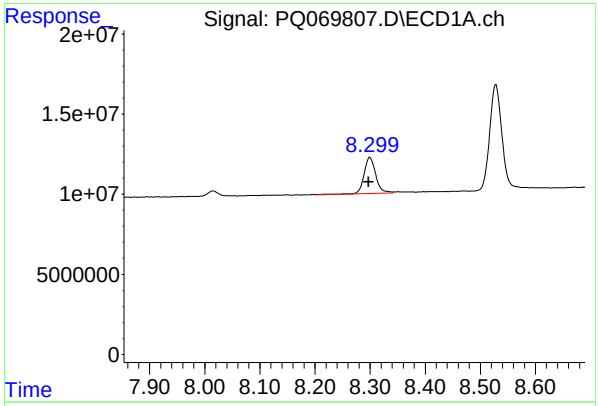
#44 AR-1268-4

R.T.: 8.015 min
Delta R.T.: 0.003 min
Response: 4776164
Conc: 19.07 ng/ml



#44 AR-1268-4

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 6537239
Conc: 19.11 ng/ml



#45 AR-1268-5

R.T.: 8.299 min
Delta R.T.: 0.002 min
Response: 33051932
Conc: 18.99 ng/ml

Instrument :
ECD_Q
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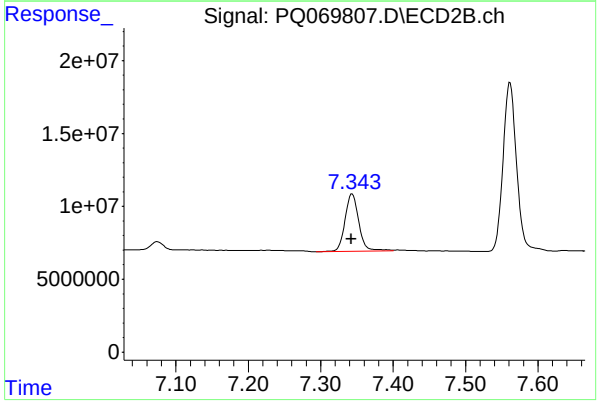

#45 AR-1268-5

R.T.: 7.343 min
Delta R.T.: 0.001 min
Response: 52372491
Conc: 20.30 ng/ml