Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
Data File : PR070281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2025 23:15
Operator : AJ\MA
Sample : Q1168-07
Misc : AR1221 LOD 40 PPB
ALS Vial : 43 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 11 00:52:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR021025.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Feb 10 14:13:17 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...	3.624	2.956	19099319	98342787	16.914	16.865
2)	SA Decachlor...	9.508	8.223	13725665	77271495	19.200	18.872
	Target Compounds						
8)	L2 AR-1221-1	3.841	3.178	666681	2257761	51.072m	32.985m#
9)	L2 AR-1221-2	3.932	3.263	503032	2308573	51.524m	45.086m
10)	L2 AR-1221-3	4.012	3.342	1061913	4759191	34.723	30.568

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

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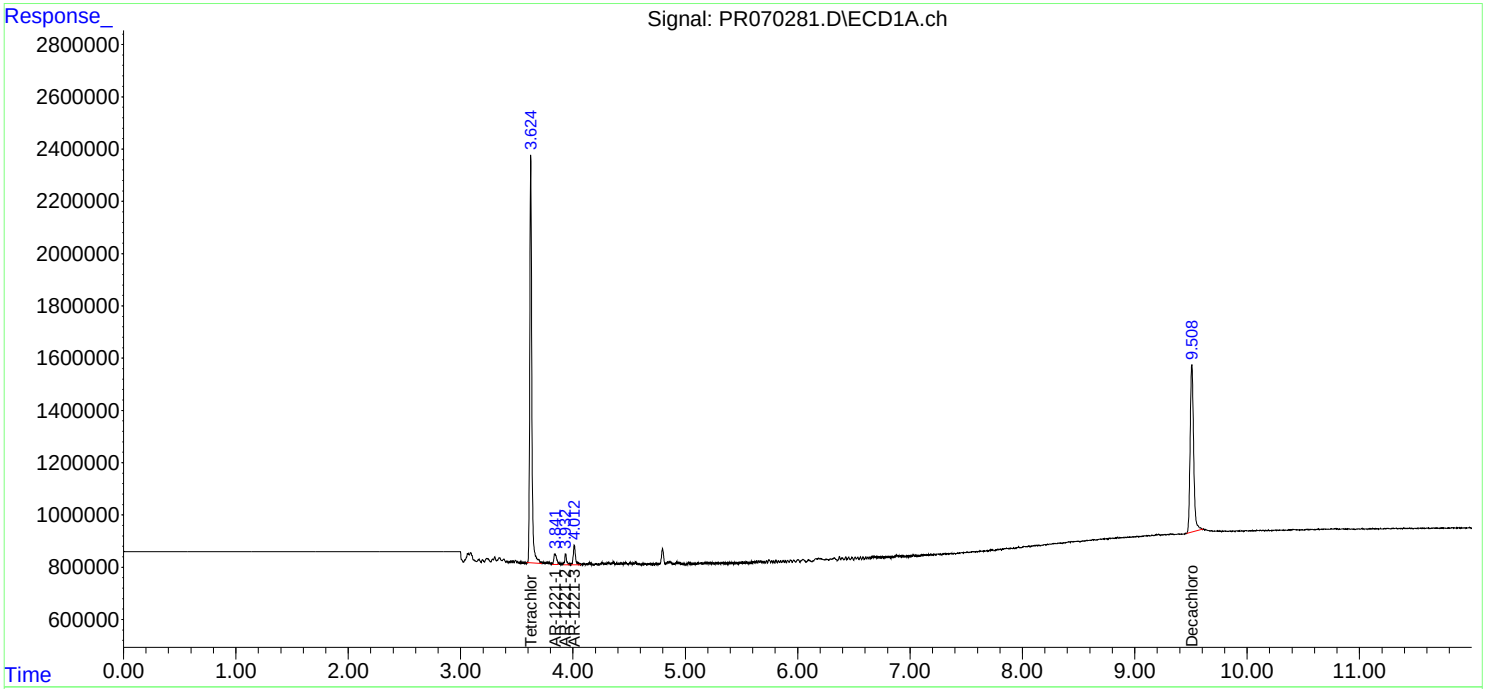

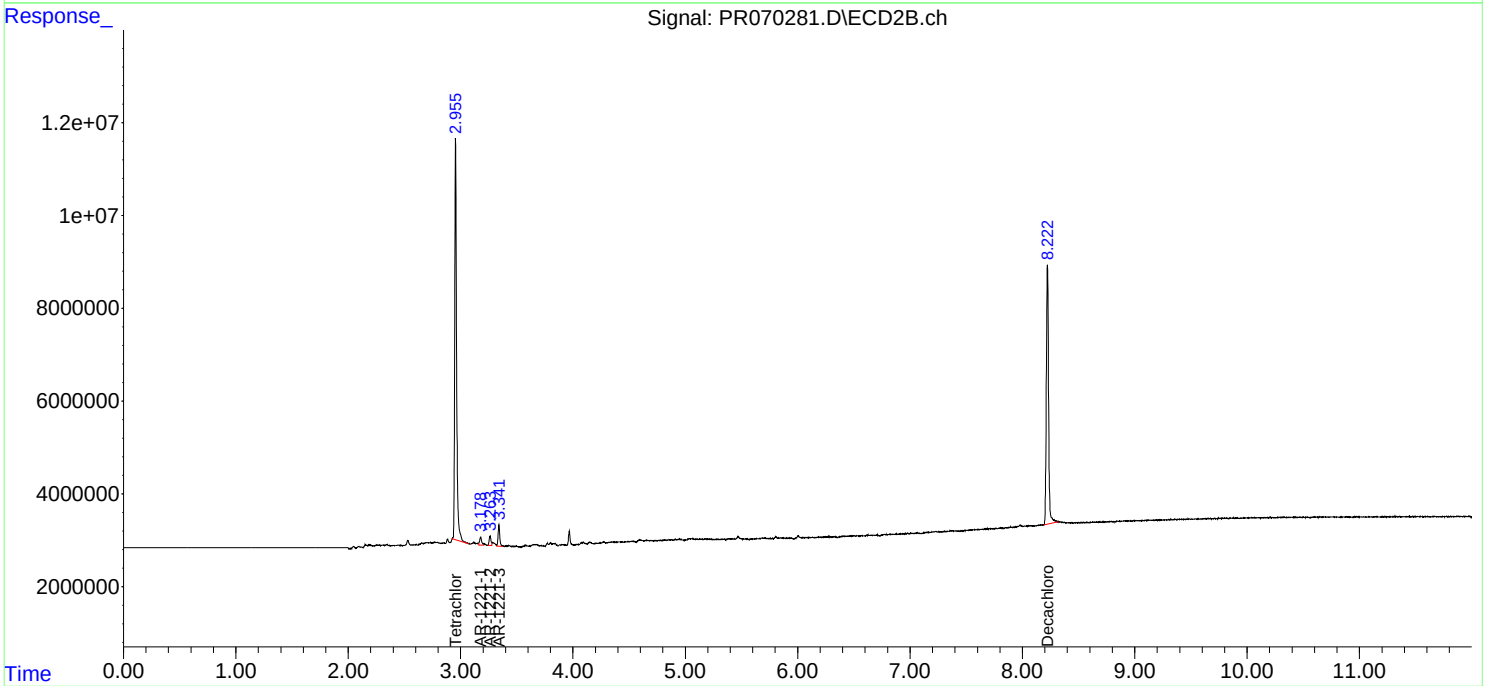

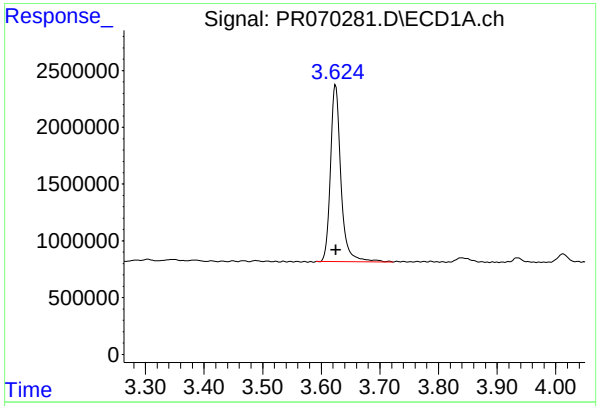

#1 Tetrachloro-m-xylene

R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 19099319
Conc: 16.91 ng/ml

Instrument :
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ClientSampleId :
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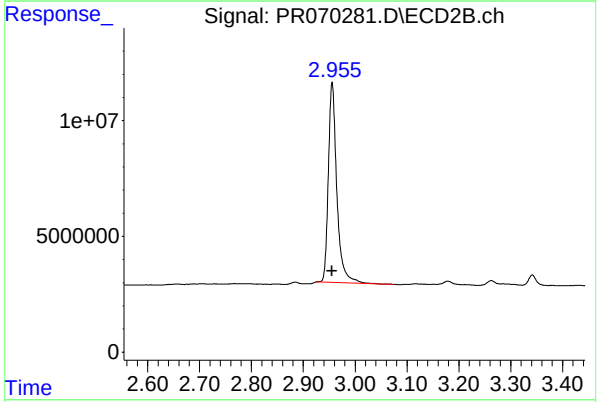
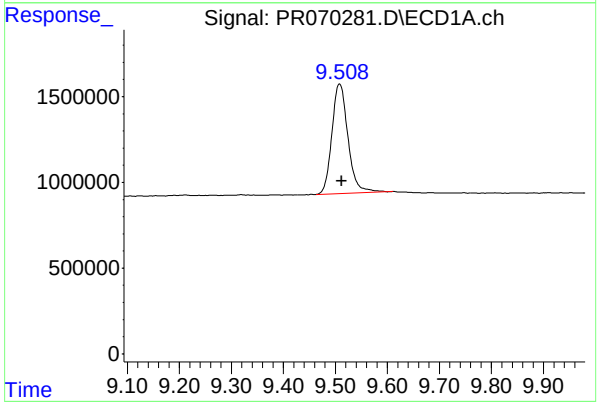


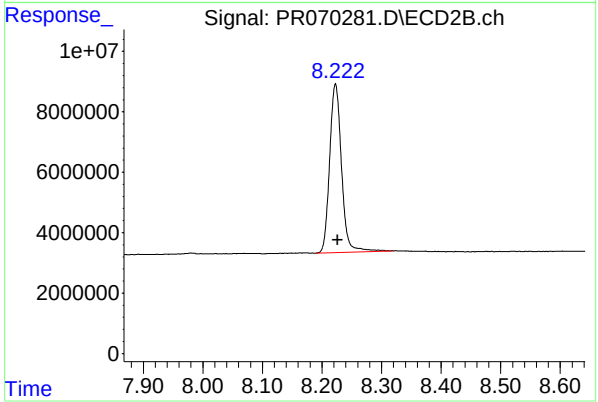
#1 Tetrachloro-m-xylene

R.T.: 2.956 min
Delta R.T.: 0.000 min
Response: 98342787
Conc: 16.86 ng/ml



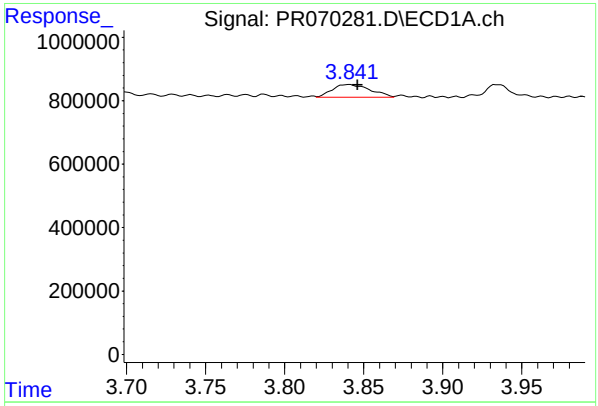
#2 Decachlorobiphenyl

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 13725665
Conc: 19.20 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.223 min
Delta R.T.: -0.003 min
Response: 77271495
Conc: 18.87 ng/ml



#8 AR-1221-1

R.T.: 3.841 min
Delta R.T.: -0.006 mi
Response: 666681
Conc: 51.07 ng/m

Instrument :
ECD_R
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Manual Integrations
APPROVED

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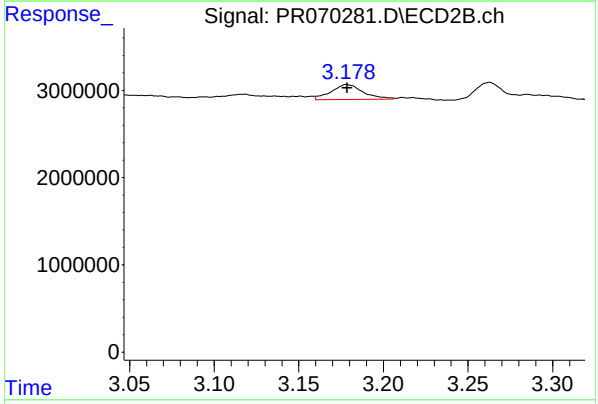
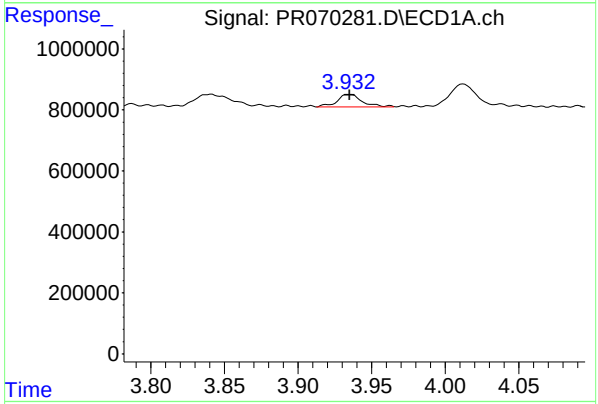


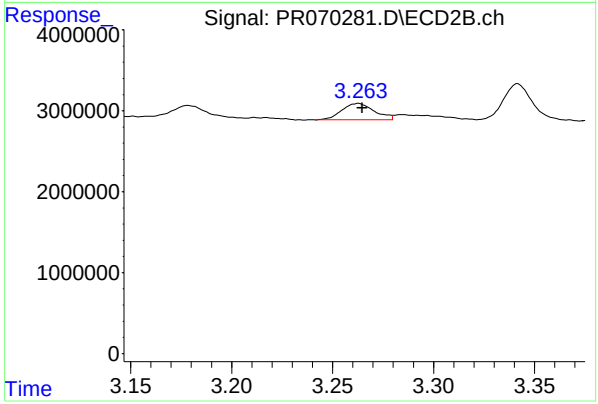
#8 AR-1221-1

R.T.: 3.178 min
Delta R.T.: 0.000 min
Response: 2257761
Conc: 32.98 ng/ml m



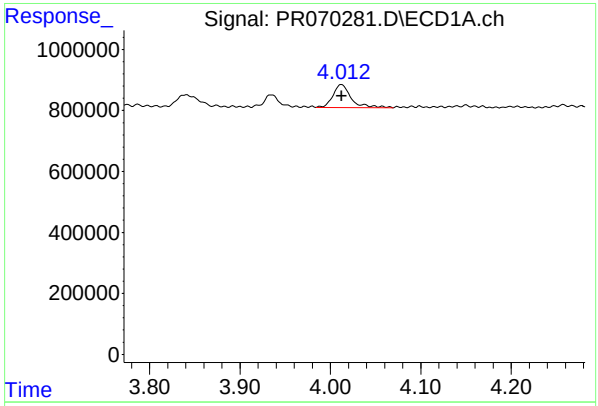
#9 AR-1221-2

R.T.: 3.932 min
Delta R.T.: -0.003 min
Response: 503032
Conc: 51.52 ng/ml m



#9 AR-1221-2

R.T.: 3.263 min
Delta R.T.: -0.002 min
Response: 2308573
Conc: 45.09 ng/ml m



#10 AR-1221-3

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 1061913
Conc: 34.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
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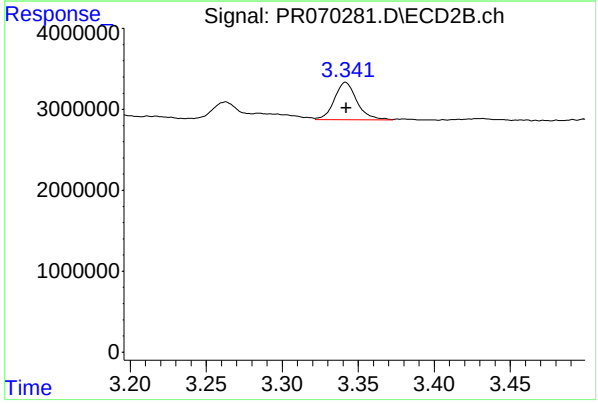

#10 AR-1221-3

R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 4759191
Conc: 30.57 ng/ml