Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080622\
Data File : PR055710.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2022 08:03
Operator : AJ\MA
Sample : N3980-09
Misc : AR1248 MDL 25 PPB
ALS Vial : 52 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
MDL-WATER-03-QT3-2022

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2022
Supervised By :Ankita Jodhani 08/08/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 14:23:47 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080522.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 05 12:39:02 2022
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...	3.634	2.905	88822814	42120566	20.816	20.978
2)	SA Decachlor...	9.525	8.121	40142166	40069508	22.577	22.028
	Target Compounds						
21)	L5 AR-1248-1	4.856	4.013	2310185	1099210	31.779	27.010
22)	L5 AR-1248-2	5.147	4.259	3235779	1638514	36.392	29.605
23)	L5 AR-1248-3	5.359	4.299	3582327	1508732	35.999	26.828 #
24)	L5 AR-1248-4	5.791	4.473	2766638	2043399	28.310	30.112
25)	L5 AR-1248-5	5.830	4.881	3344190	2001138	34.254m	28.059m

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

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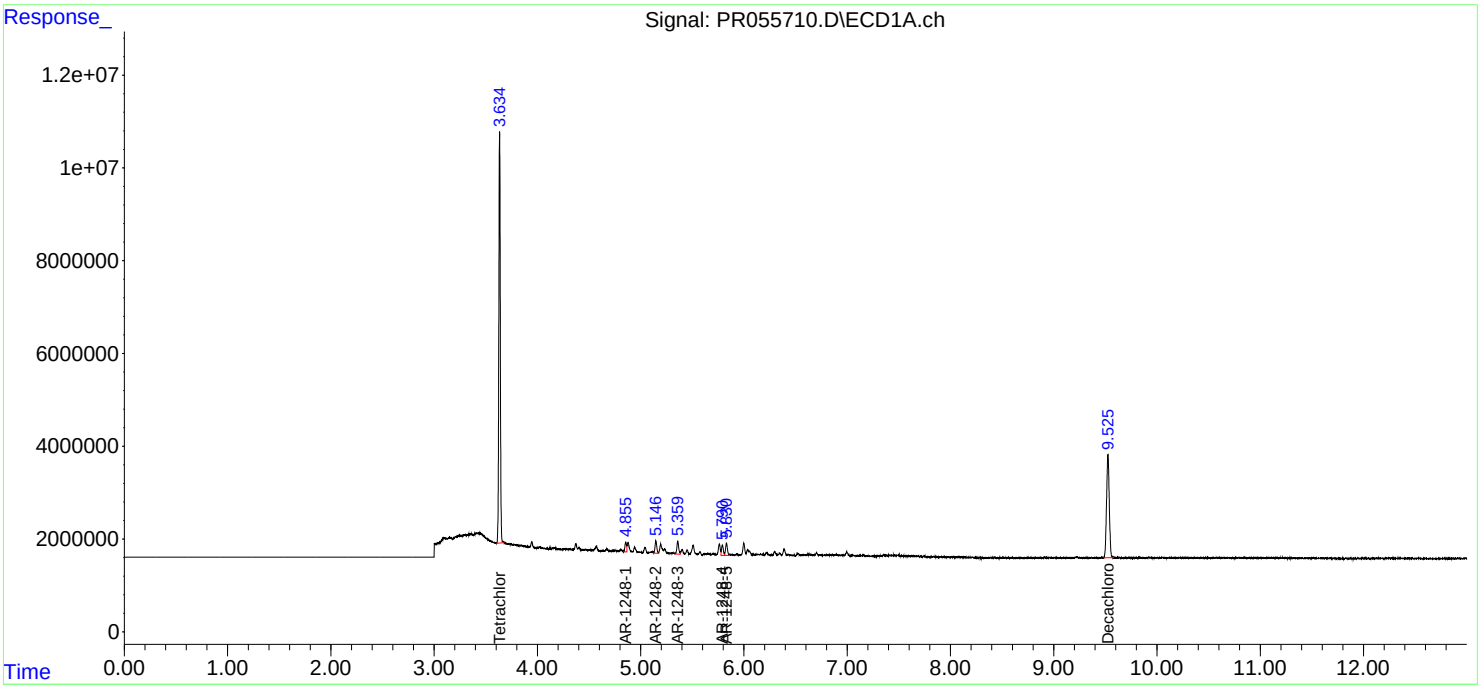

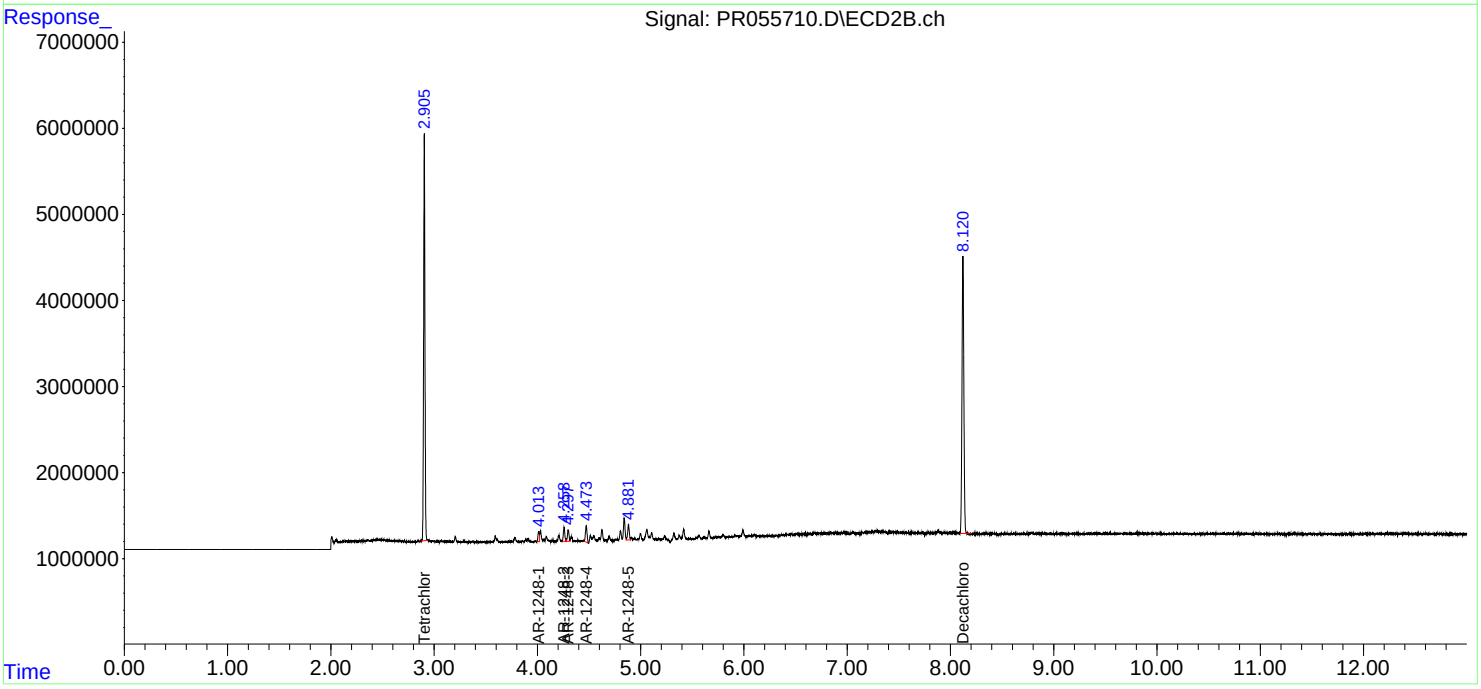

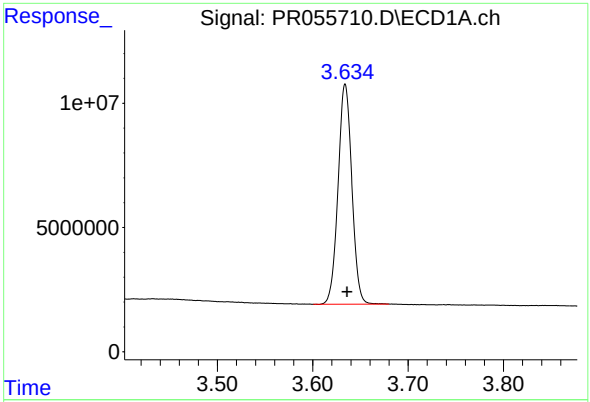

#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: -0.002 min
Response: 88822814
Conc: 20.82 ng/ml

Instrument :
ECD_R
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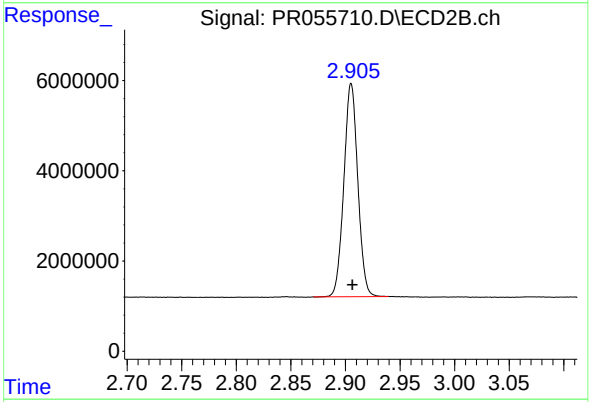
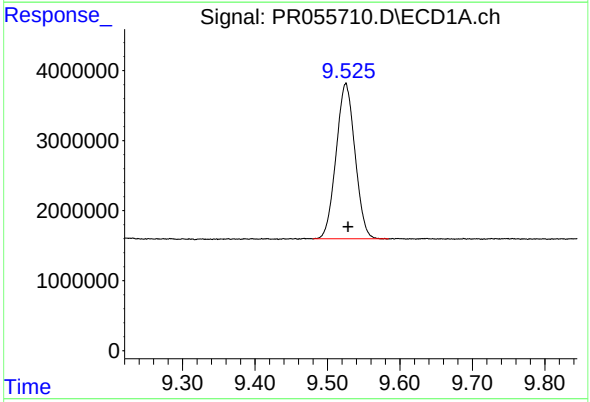


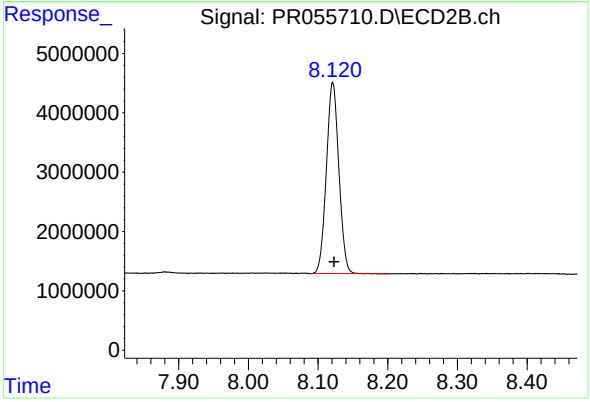
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: 0.000 min
Response: 42120566
Conc: 20.98 ng/ml



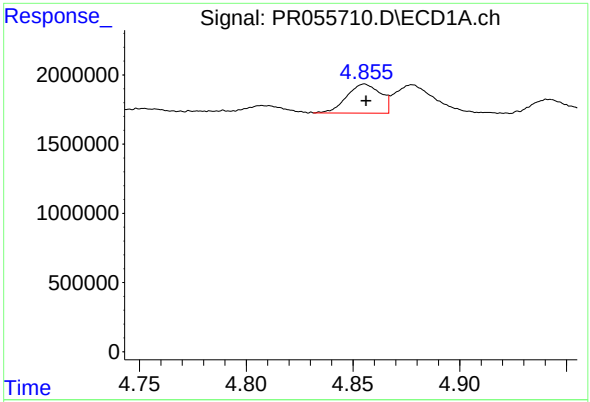
#2 Decachlorobiphenyl

R.T.: 9.525 min
Delta R.T.: -0.003 min
Response: 40142166
Conc: 22.58 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 40069508
Conc: 22.03 ng/ml



#21 AR-1248-1

R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 2310185
Conc: 31.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
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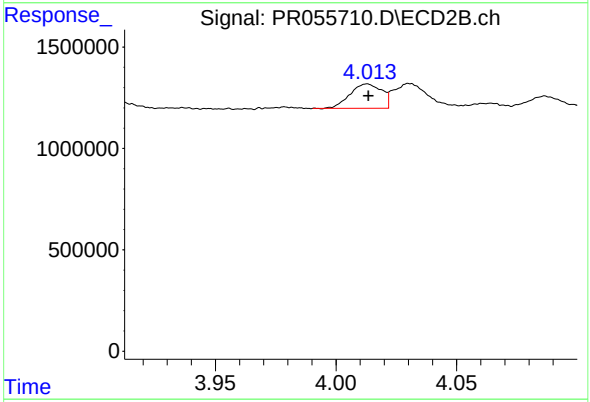
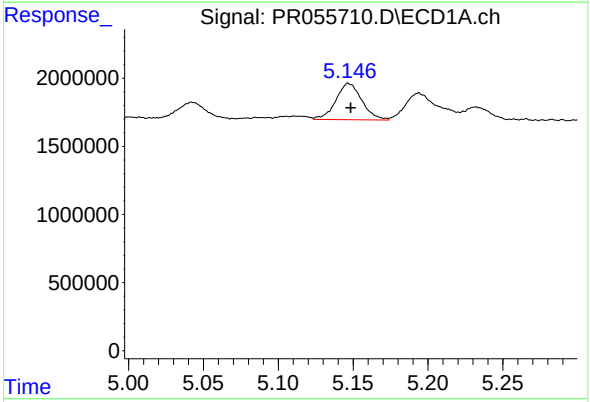


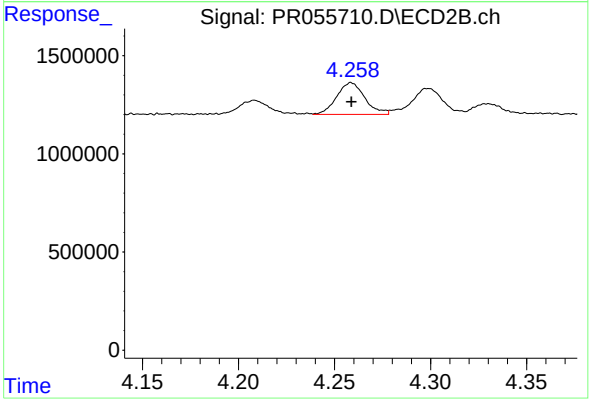
#21 AR-1248-1

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 1099210
Conc: 27.01 ng/ml



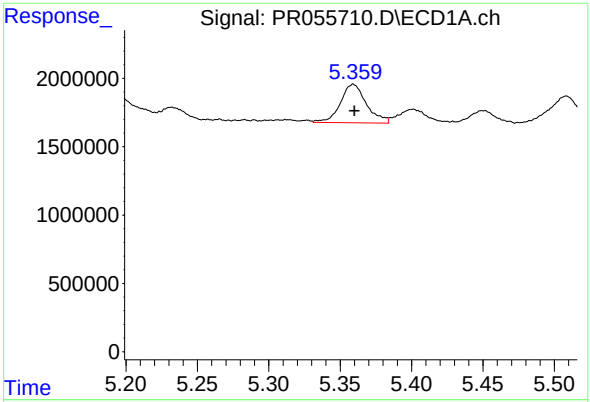
#22 AR-1248-2

R.T.: 5.147 min
Delta R.T.: -0.001 min
Response: 3235779
Conc: 36.39 ng/ml



#22 AR-1248-2

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1638514
Conc: 29.60 ng/ml



#23 AR-1248-3

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 3582327
Conc: 36.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
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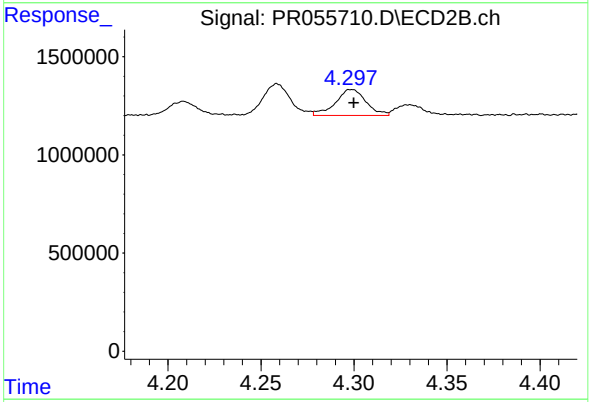
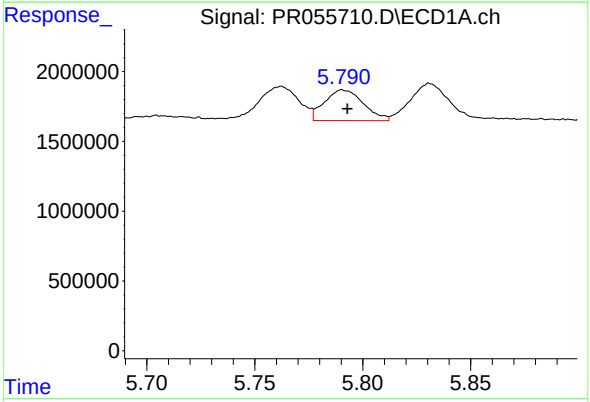


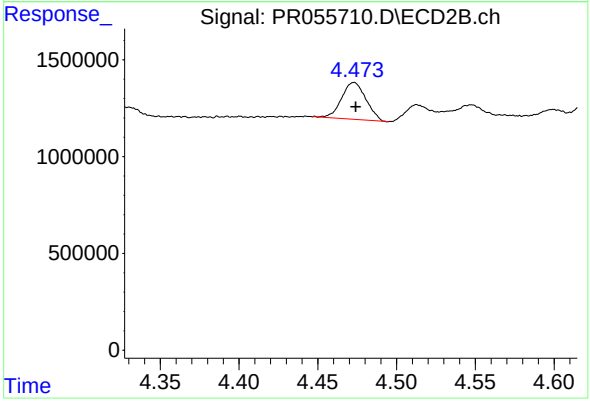
#23 AR-1248-3

R.T.: 4.299 min
Delta R.T.: -0.001 min
Response: 1508732
Conc: 26.83 ng/ml



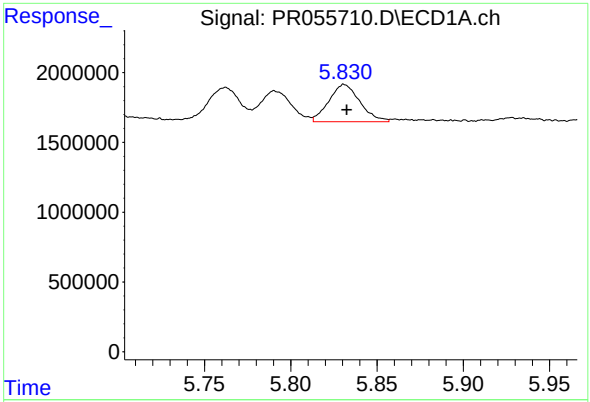
#24 AR-1248-4

R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 2766638
Conc: 28.31 ng/ml



#24 AR-1248-4

R.T.: 4.473 min
Delta R.T.: -0.001 min
Response: 2043399
Conc: 30.11 ng/ml



#25 AR-1248-5

R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 3344190
Conc: 34.25 ng/ml

Instrument :
ECD_R
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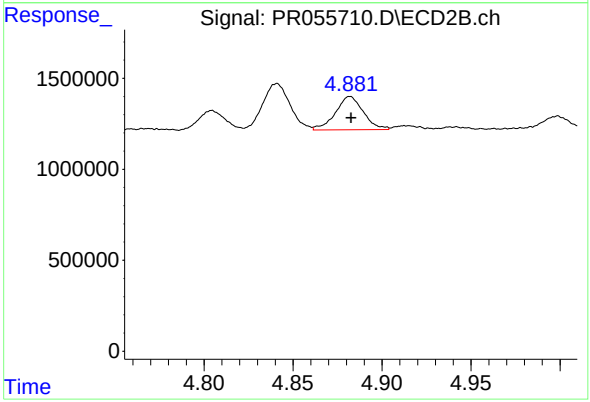

#25 AR-1248-5

R.T.: 4.881 min
Delta R.T.: -0.002 min
Response: 2001138
Conc: 28.06 ng/ml m