Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR070122\
Data File : PR055144.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2022 11:23
Operator : AJ\MA
Sample : N3214-08
Misc : AR1262 LOQ 50 PPB
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2022

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/01/2022
Supervised By :Ankita Jodhani 07/01/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 00:06:47 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR062722.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jun 27 17:05:06 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...	3.639	2.910	74427643	33924763	20.462	20.322
2)	SA Decachlor...	9.530	8.137	30189385	28777364	20.937	20.482
	Target Compounds						
36)	L8 AR-1262-1	7.248	6.158	6198527	5249015	59.916	49.061
37)	L8 AR-1262-2	7.829	6.432	9800533	4737667	54.432	48.677
38)	L8 AR-1262-3	8.135	7.000	6645130	3699637	53.299m	48.207
39)	L8 AR-1262-4	8.221	7.067	3166347	6775523	56.584m	46.328
40)	L8 AR-1262-5	8.841	7.603	3585917	2992483	52.443	43.348

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

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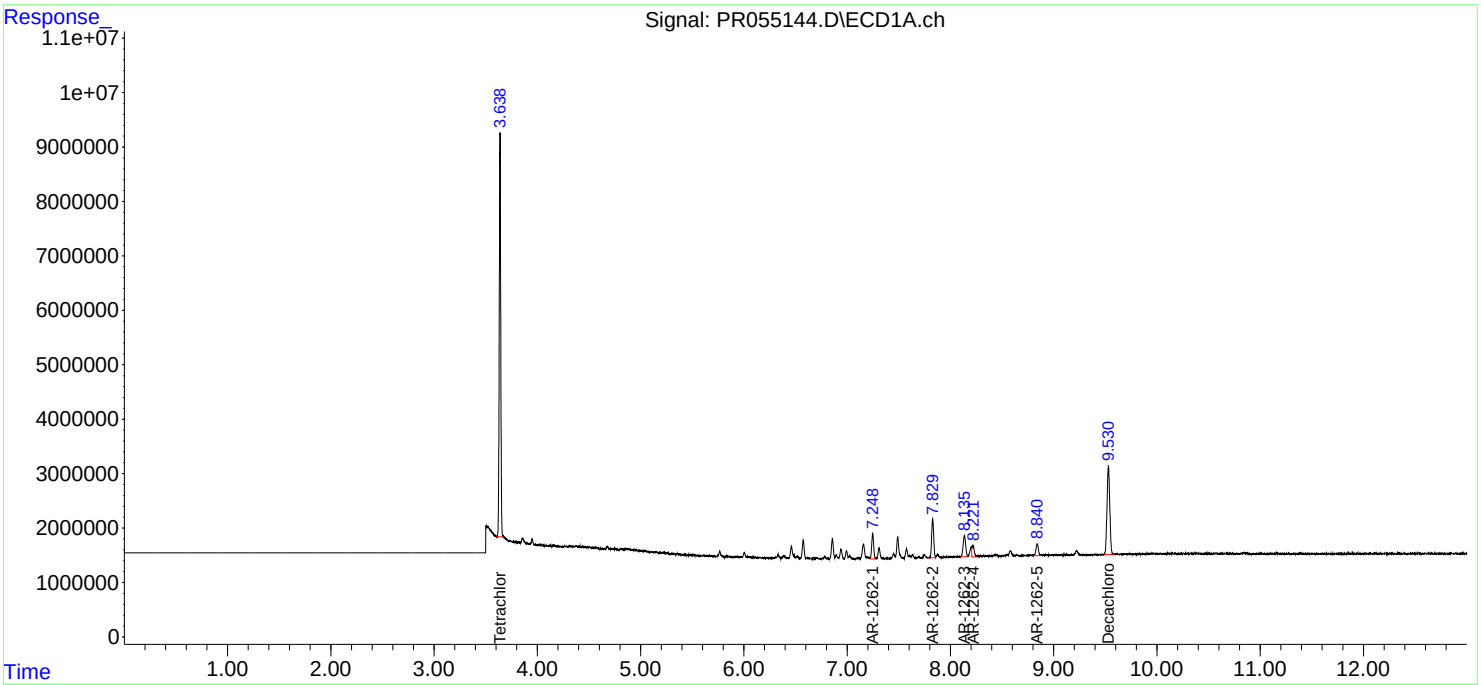

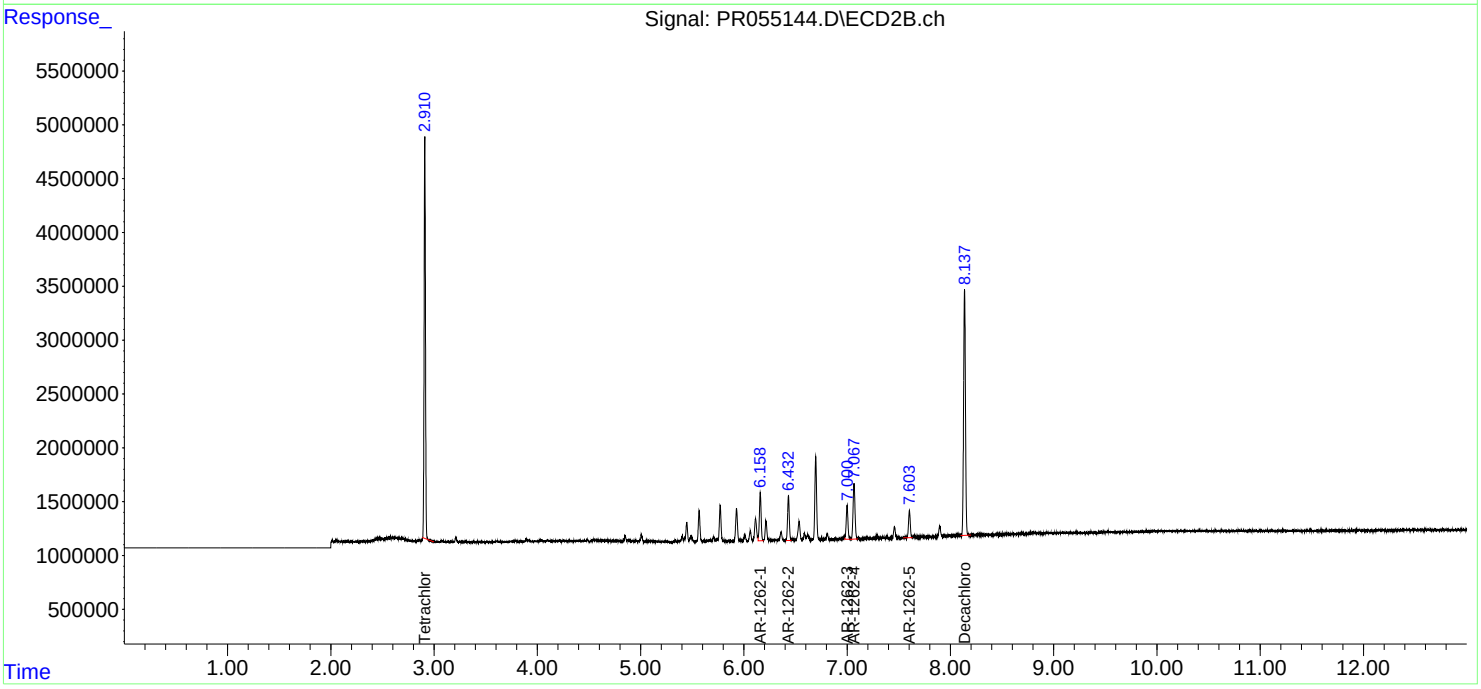

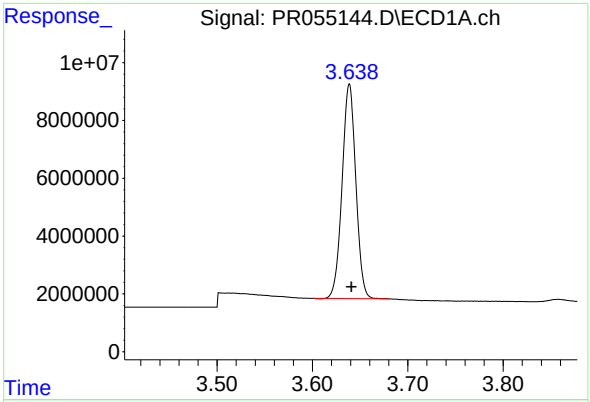

#1 Tetrachloro-m-xylene

R.T.: 3.639 min
Delta R.T.: -0.002 min
Response: 74427643
Conc: 20.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2022

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/01/2022
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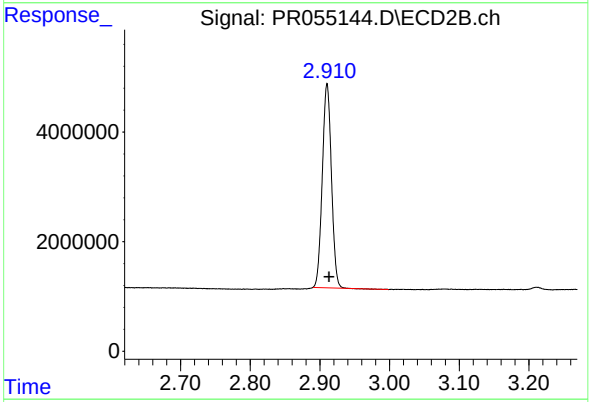
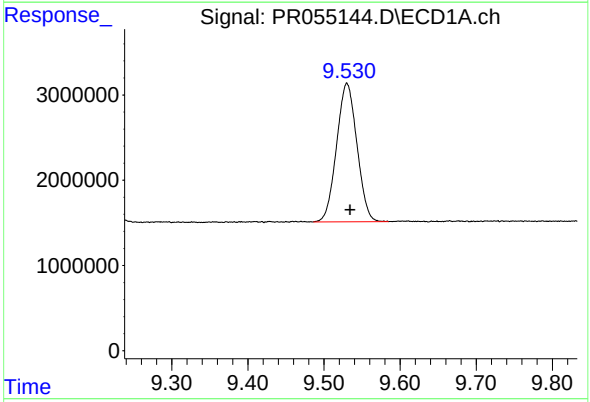


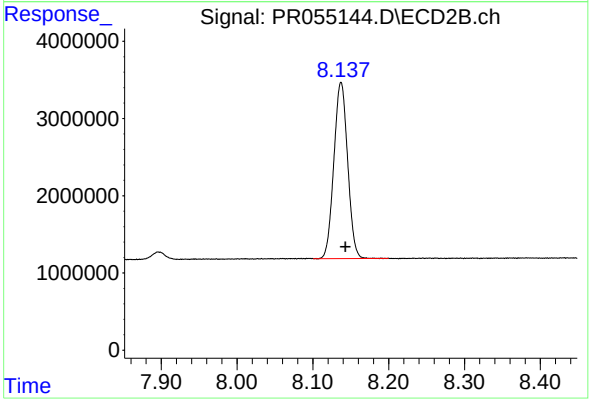
#1 Tetrachloro-m-xylene

R.T.: 2.910 min
Delta R.T.: -0.003 min
Response: 33924763
Conc: 20.32 ng/ml



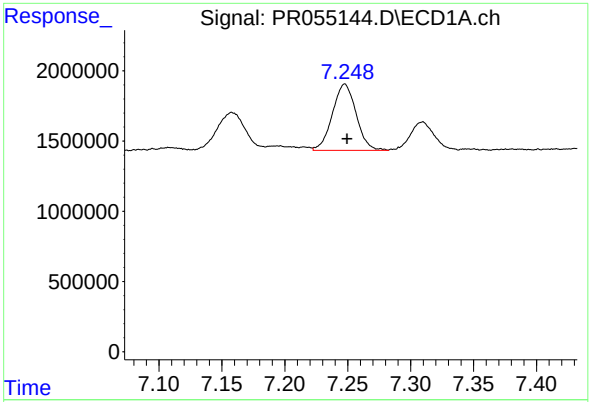
#2 Decachlorobiphenyl

R.T.: 9.530 min
Delta R.T.: -0.004 min
Response: 30189385
Conc: 20.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.137 min
Delta R.T.: -0.006 min
Response: 28777364
Conc: 20.48 ng/ml



#36 AR-1262-1

R.T.: 7.248 min
Delta R.T.: -0.002 min
Response: 6198527
Conc: 59.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2022

Manual Integrations APPROVED

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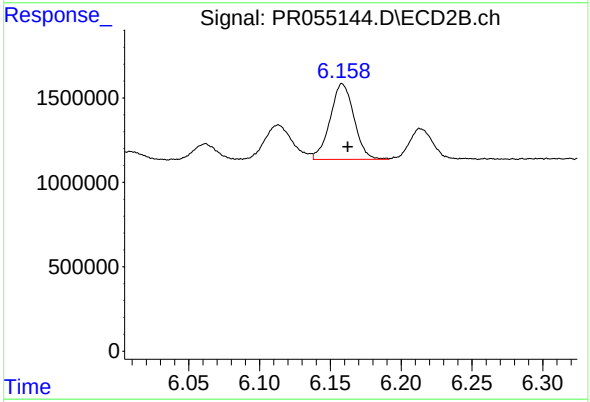
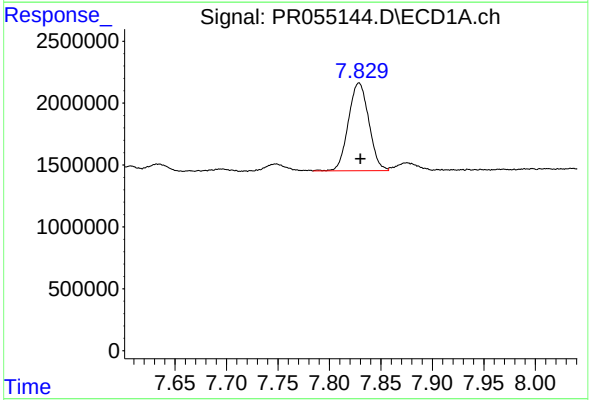


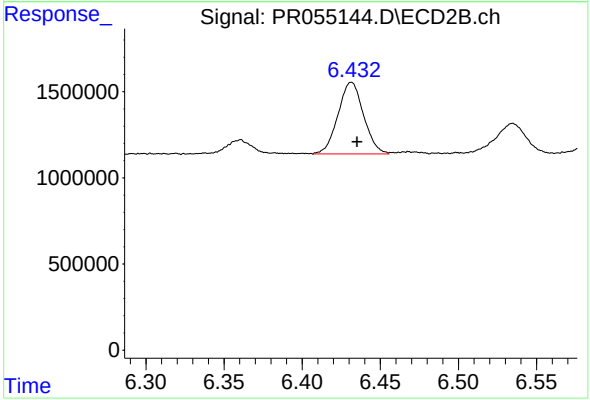
#36 AR-1262-1

R.T.: 6.158 min
Delta R.T.: -0.004 min
Response: 5249015
Conc: 49.06 ng/ml



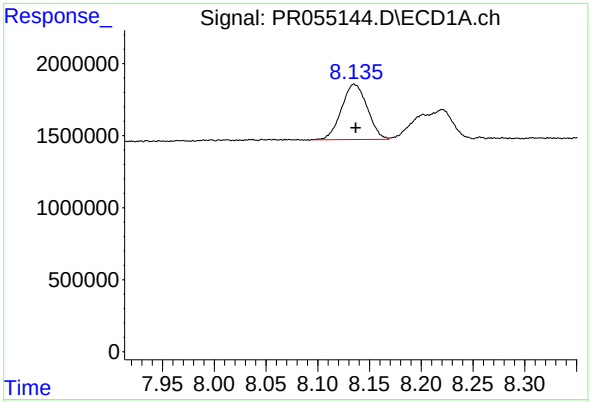
#37 AR-1262-2

R.T.: 7.829 min
Delta R.T.: -0.002 min
Response: 9800533
Conc: 54.43 ng/ml



#37 AR-1262-2

R.T.: 6.432 min
Delta R.T.: -0.004 min
Response: 4737667
Conc: 48.68 ng/ml



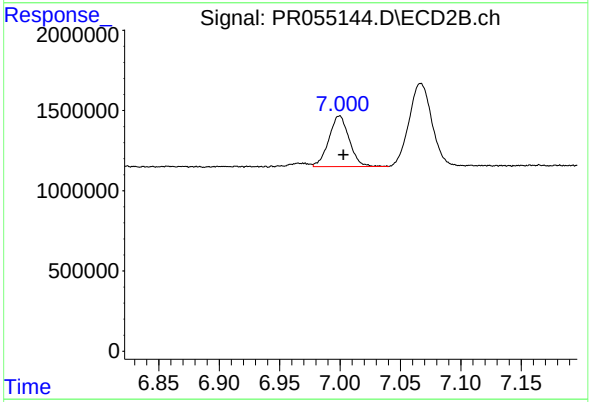
#38 AR-1262-3

R.T.: 8.135 min
Delta R.T.: -0.002 min
Response: 6645130
Conc: 53.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2022

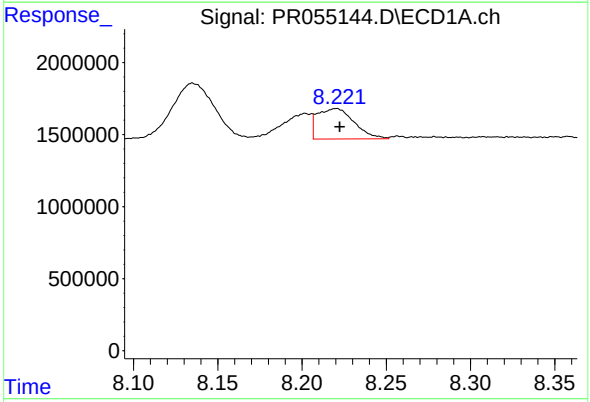
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/01/2022
Supervised By :Ankita Jodhani 07/01/2022



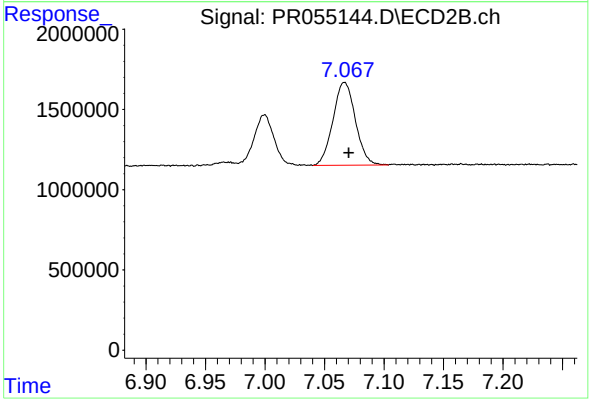
#38 AR-1262-3

R.T.: 7.000 min
Delta R.T.: -0.003 min
Response: 3699637
Conc: 48.21 ng/ml



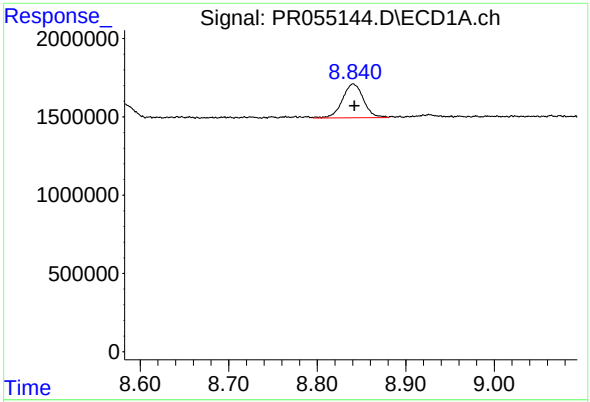
#39 AR-1262-4

R.T.: 8.221 min
Delta R.T.: -0.002 min
Response: 3166347
Conc: 56.58 ng/ml m



#39 AR-1262-4

R.T.: 7.067 min
Delta R.T.: -0.003 min
Response: 6775523
Conc: 46.33 ng/ml



#40 AR-1262-5

R.T.: 8.841 min
Delta R.T.: -0.001 min
Response: 3585917
Conc: 52.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2022

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2022
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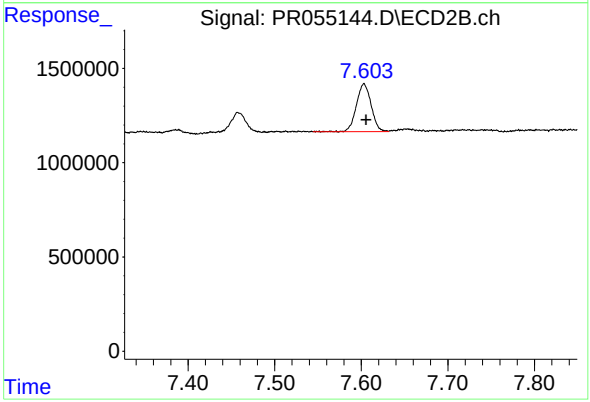

#40 AR-1262-5

R.T.: 7.603 min
Delta R.T.: -0.003 min
Response: 2992483
Conc: 43.35 ng/ml