Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081023\
Data File : PQ062932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Aug 2023 11:56
Operator : YP\AJ
Sample : 03572-07
Misc : AR1221 LOD 25 PPB
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 01:07:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 10 11:15:56 2023
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...	3.453	2.783	103.3E6	88091667	19.220	21.359
2)	SA Decachlor...	8.688	7.592	83323783	90025609	21.521	20.813
	Target Compounds						
8)	L2 AR-1221-1	3.654	2.987	2064639	1686801	30.342	30.741
9)	L2 AR-1221-2	3.734	3.054	2402247	1773551	50.350m	47.020
10)	L2 AR-1221-3	3.805	3.133	5181724	4108610	33.576	34.146

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

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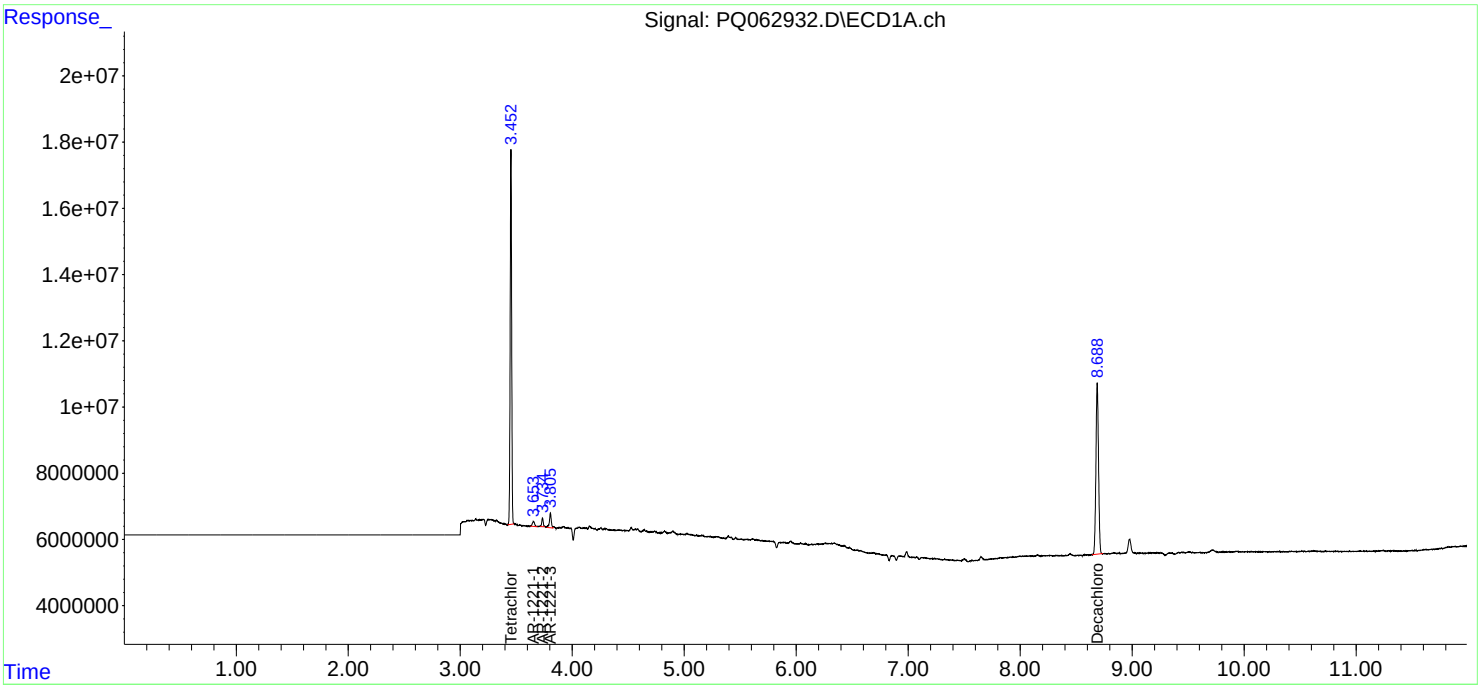

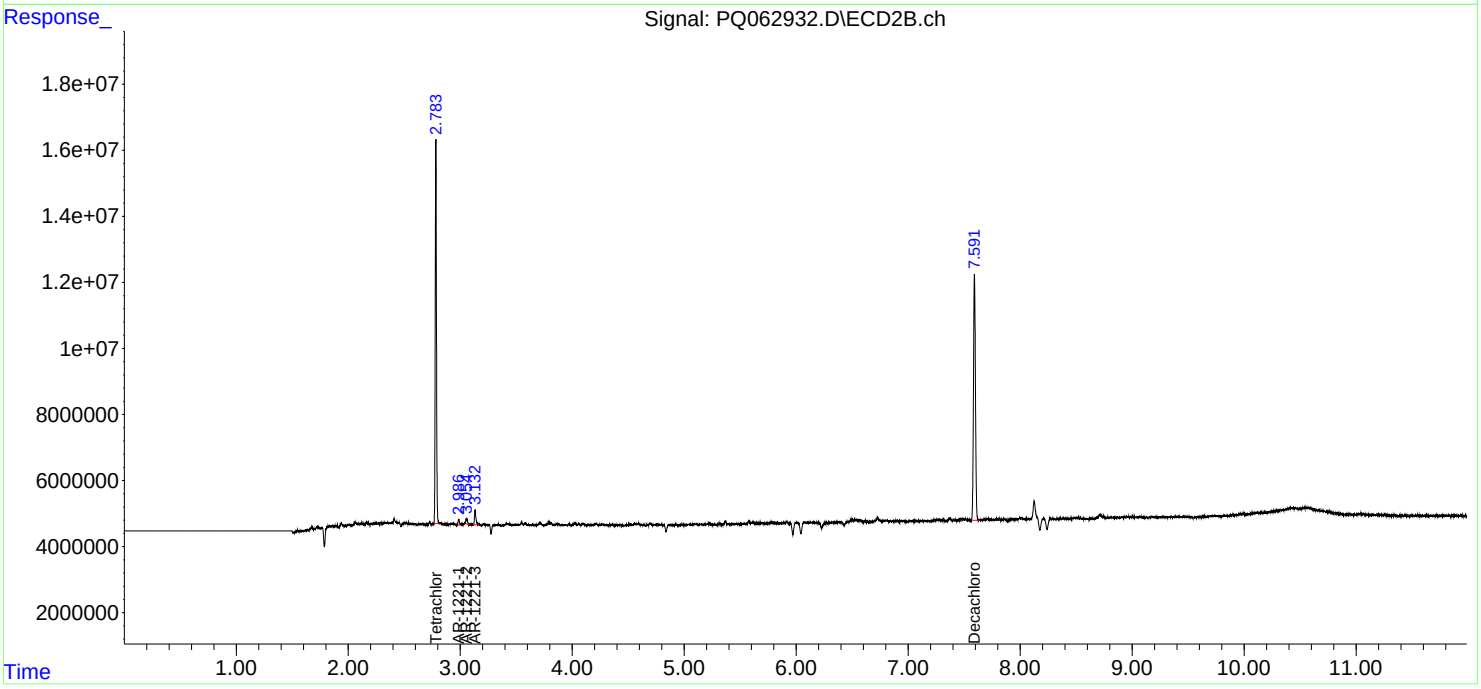

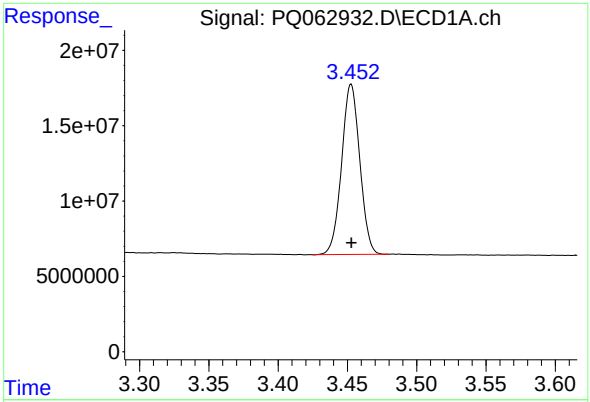

#1 Tetrachloro-m-xylene

R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 103277979
Conc: 19.22 ng/ml

Instrument :
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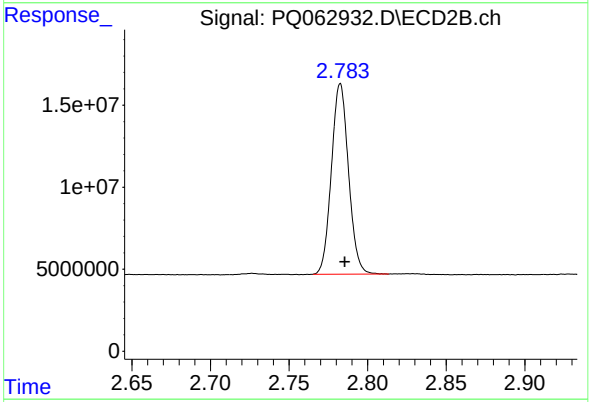
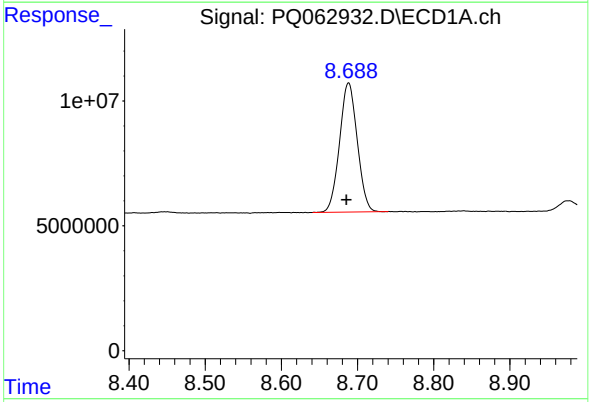


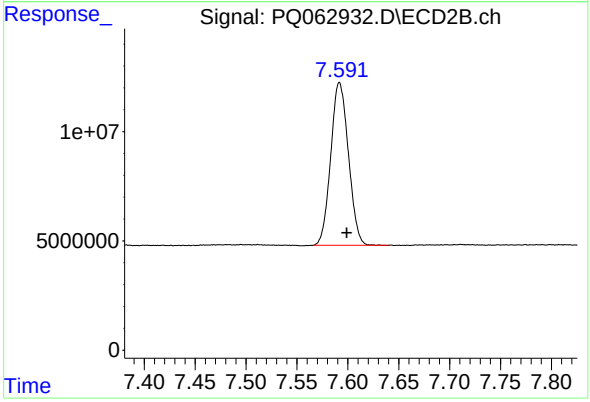
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.003 min
Response: 88091667
Conc: 21.36 ng/ml



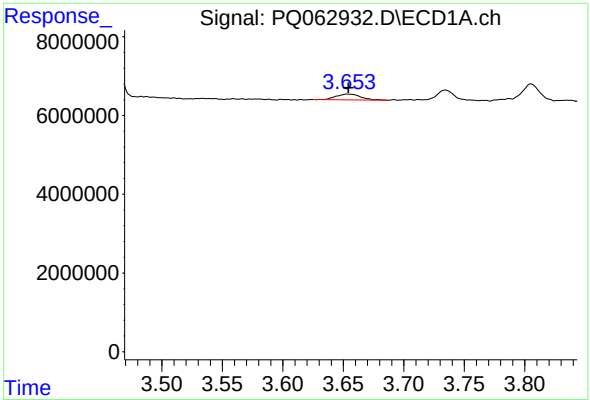
#2 Decachlorobiphenyl

R.T.: 8.688 min
Delta R.T.: 0.003 min
Response: 83323783
Conc: 21.52 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.592 min
Delta R.T.: -0.007 min
Response: 90025609
Conc: 20.81 ng/ml



#8 AR-1221-1

R.T.: 3.654 min
Delta R.T.: 0.000 min
Response: 2064639
Conc: 30.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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Manual Integrations
APPROVED

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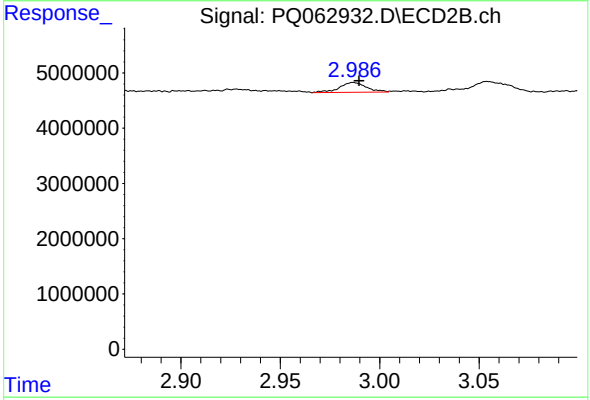
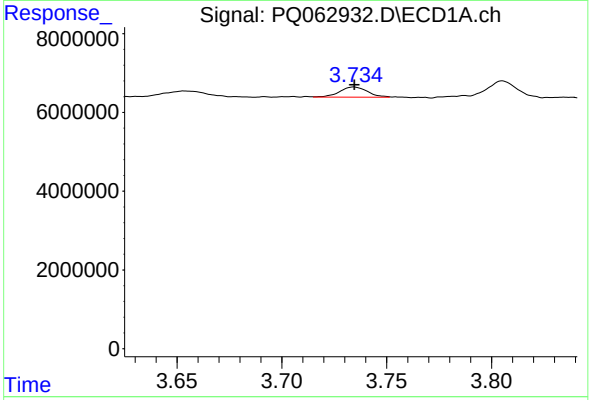


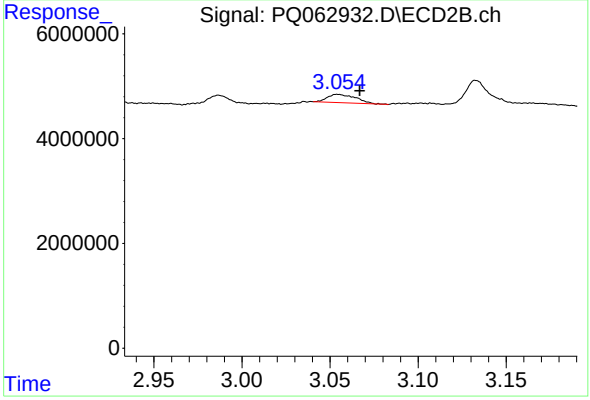
#8 AR-1221-1

R.T.: 2.987 min
Delta R.T.: -0.003 min
Response: 1686801
Conc: 30.74 ng/ml



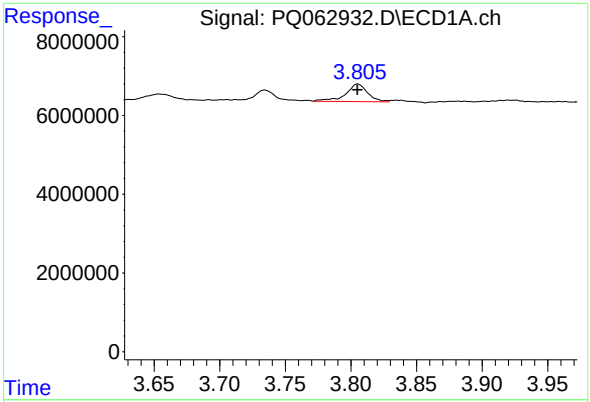
#9 AR-1221-2

R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 2402247
Conc: 50.35 ng/ml m



#9 AR-1221-2

R.T.: 3.054 min
Delta R.T.: -0.013 min
Response: 1773551
Conc: 47.02 ng/ml



#10 AR-1221-3

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 5181724
Conc: 33.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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Manual Integrations APPROVED

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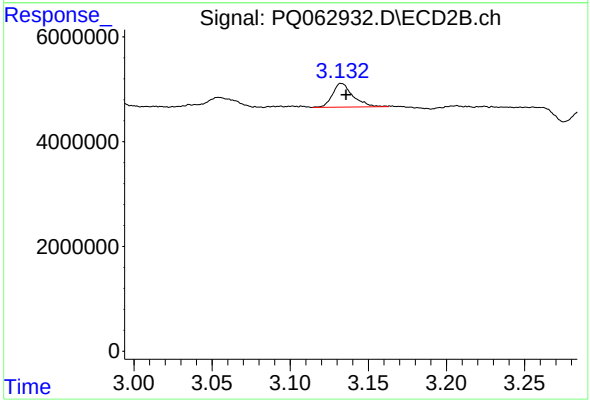

#10 AR-1221-3

R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 4108610
Conc: 34.15 ng/ml