Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100923\
Data File : PQ063612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2023 05:53
Operator : YP\AJ
Sample : 04699-09
Misc : AR1254 MDL 25 PB
ALS Vial : 61 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT4-2023

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:47:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 20 05:26:41 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...	3.461	2.779	95307129	74717220	20.349	21.620
2)	SA Decachlor...	8.696	7.579	72191472	84754904	20.659	23.578
	Target Compounds						
26)	L6 AR-1254-1	5.406	4.551	4973785	6074058	24.732	28.807
27)	L6 AR-1254-2	5.625	4.697	7056034	5276878	23.142	28.511m
28)	L6 AR-1254-3	5.980	5.082	7931355	7514091	24.178	26.261m
29)	L6 AR-1254-4	6.267	5.309	6466816	5050048	26.699	27.278m
30)	L6 AR-1254-5	6.684	5.717	5645388	6511994	21.983	25.204m

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

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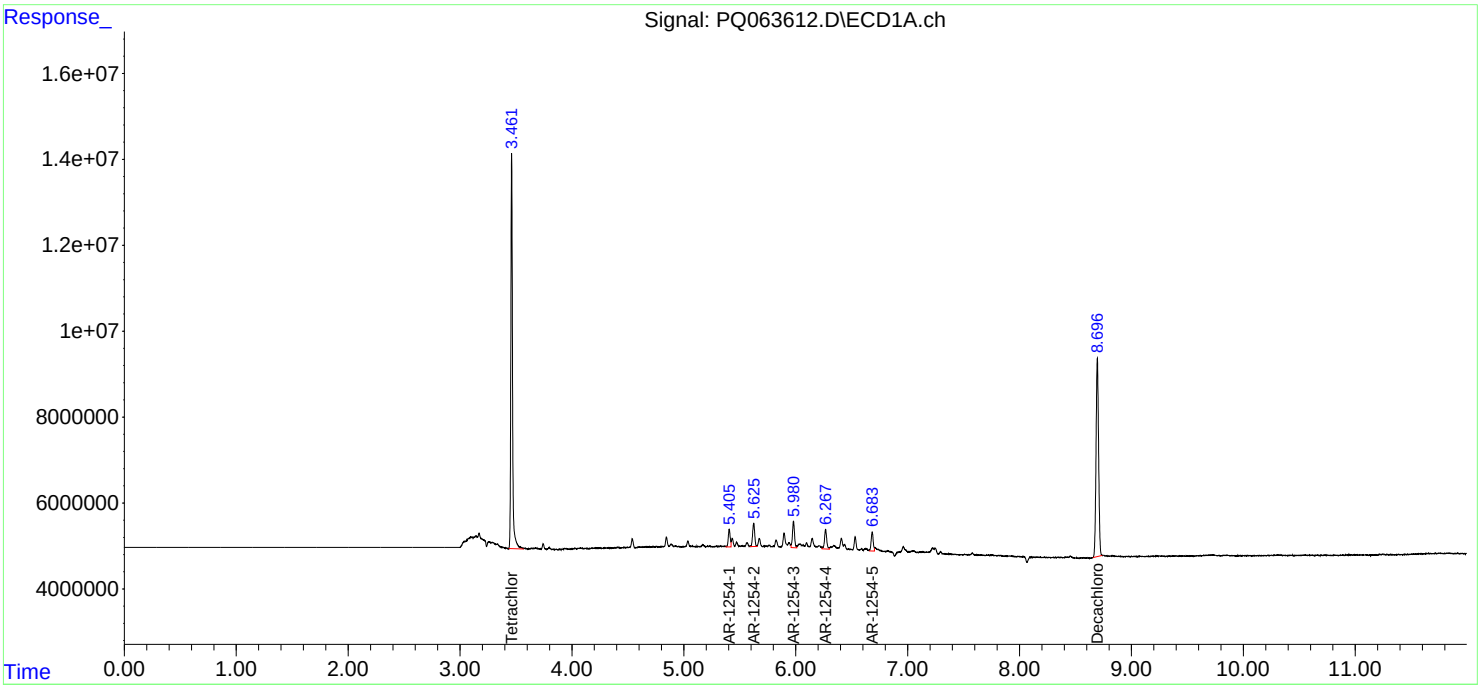

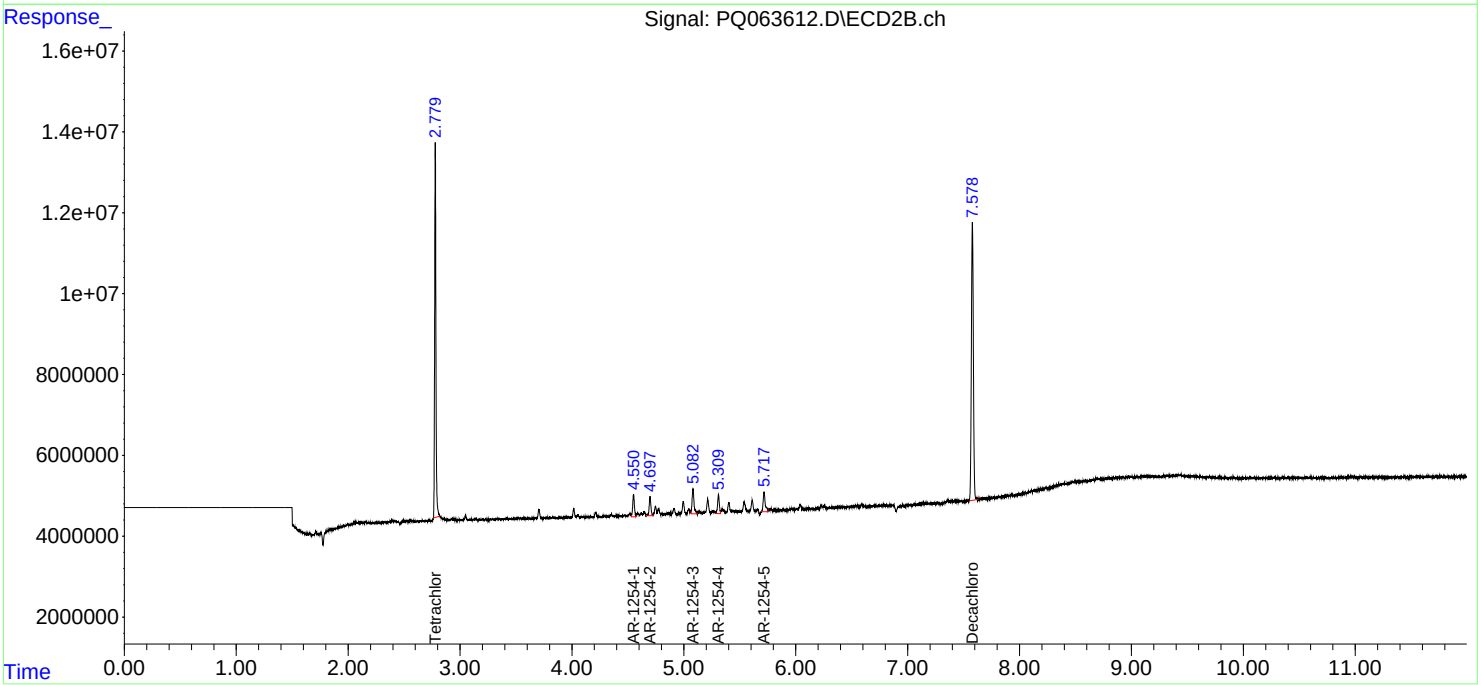

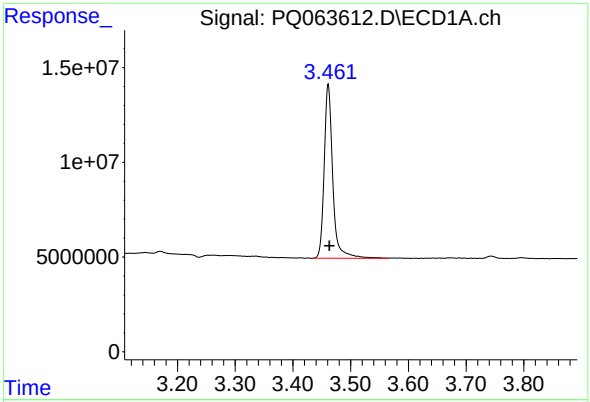

#1 Tetrachloro-m-xylene

R.T.: 3.461 min
Delta R.T.: -0.002 min
Response: 95307129
Conc: 20.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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Manual Integrations
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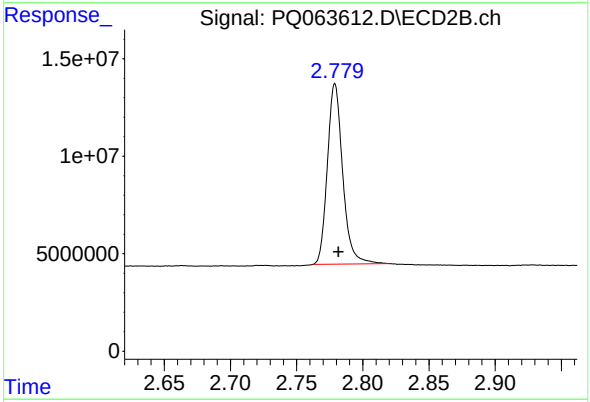
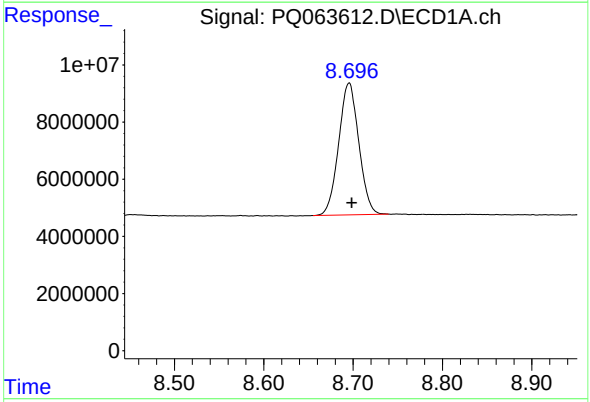


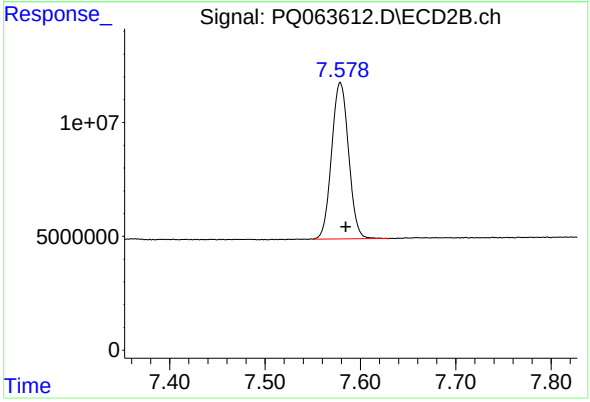
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: -0.003 min
Response: 74717220
Conc: 21.62 ng/ml



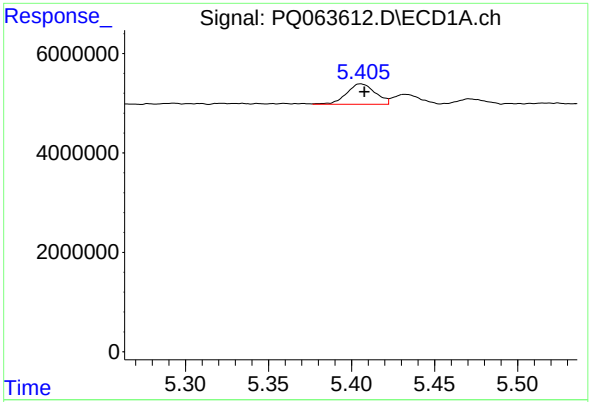
#2 Decachlorobiphenyl

R.T.: 8.696 min
Delta R.T.: -0.003 min
Response: 72191472
Conc: 20.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.579 min
Delta R.T.: -0.006 min
Response: 84754904
Conc: 23.58 ng/ml



#26 AR-1254-1

R.T.: 5.406 min
Delta R.T.: -0.002 min
Response: 4973785
Conc: 24.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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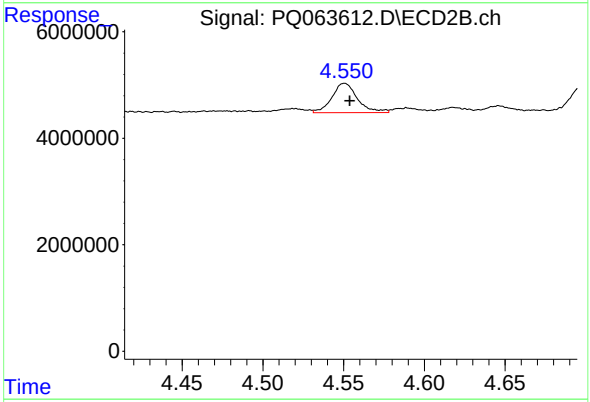
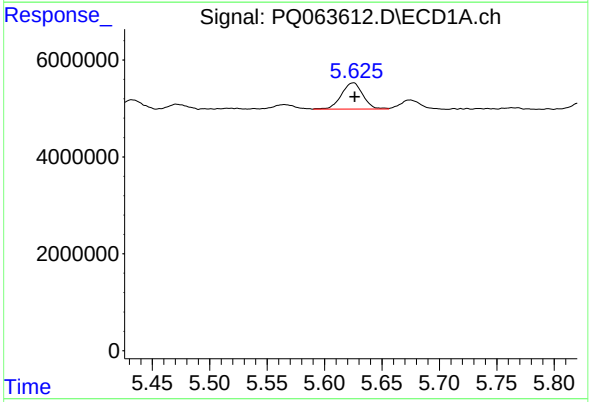


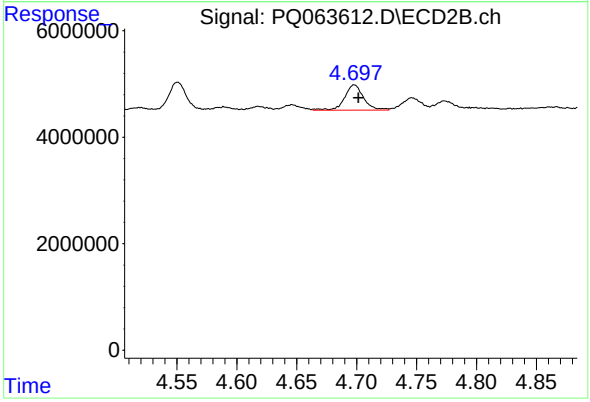
#26 AR-1254-1

R.T.: 4.551 min
Delta R.T.: -0.003 min
Response: 6074058
Conc: 28.81 ng/ml



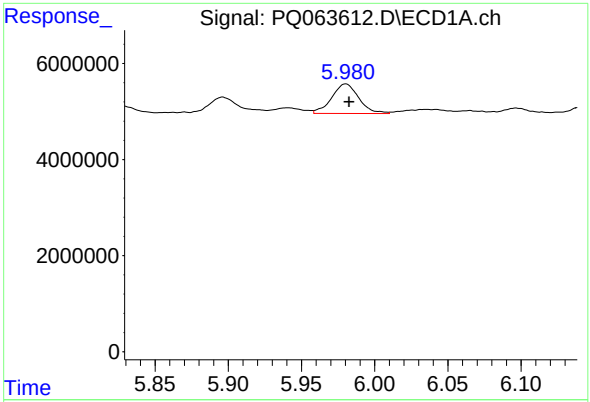
#27 AR-1254-2

R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 7056034
Conc: 23.14 ng/ml



#27 AR-1254-2

R.T.: 4.697 min
Delta R.T.: -0.005 min
Response: 5276878
Conc: 28.51 ng/ml m



#28 AR-1254-3

R.T.: 5.980 min
Delta R.T.: -0.002 min
Response: 7931355
Conc: 24.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT4-2023

Manual Integrations
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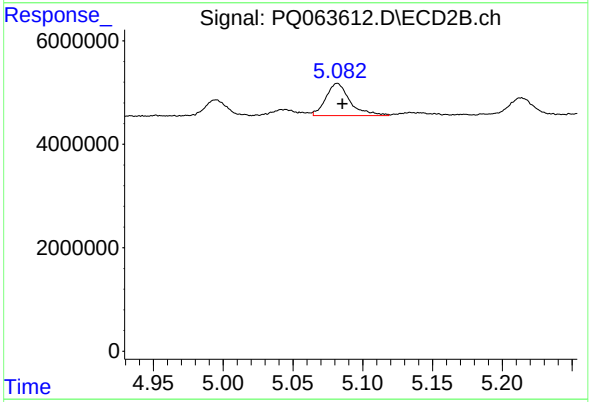
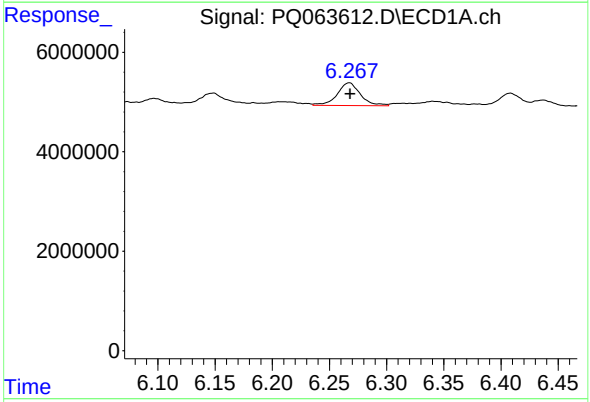


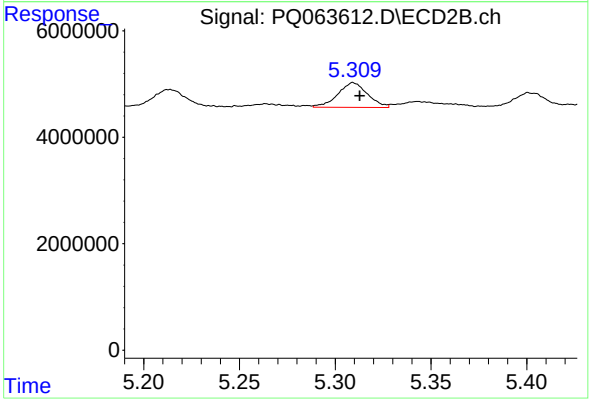
#28 AR-1254-3

R.T.: 5.082 min
Delta R.T.: -0.004 min
Response: 7514091
Conc: 26.26 ng/ml m



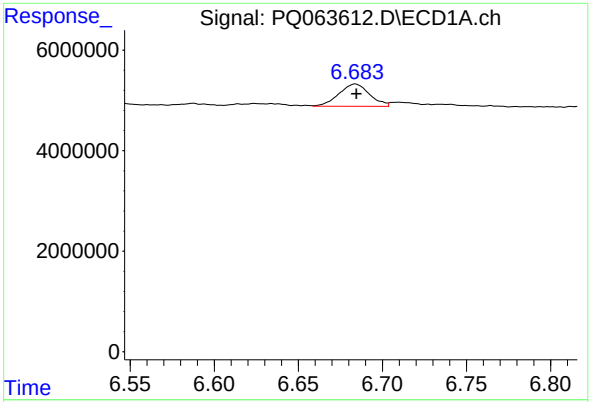
#29 AR-1254-4

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 6466816
Conc: 26.70 ng/ml



#29 AR-1254-4

R.T.: 5.309 min
Delta R.T.: -0.004 min
Response: 5050048
Conc: 27.28 ng/ml m



#30 AR-1254-5

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 5645388
Conc: 21.98 ng/ml

Instrument :
ECD_Q
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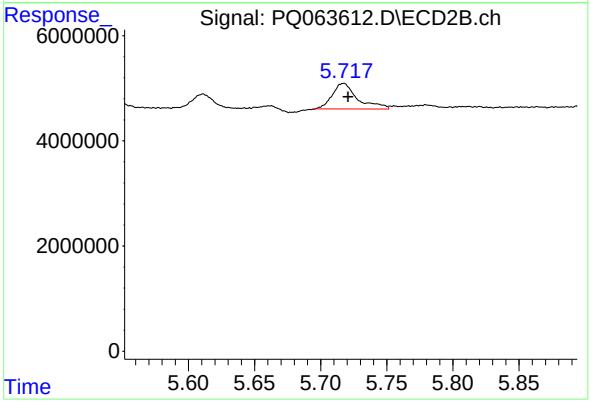

#30 AR-1254-5

R.T.: 5.717 min
Delta R.T.: -0.003 min
Response: 6511994
Conc: 25.20 ng/ml m