Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
Data File : PQ043480.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2019 18:24
Operator : SM\AJ
Sample : K3591-07
Misc : AR1660 LOD 25 PPB
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
Ankita
9/12/2019 12:15:16 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:44:51 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 12 02:33:14 2019
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...	5.694	4.784	25214263	9833846	15.825	16.235
2)	SA Decachlor...	12.084	10.558	122.9E6	60395788	19.485	19.282
	Target Compounds						
3)	L1 AR-1016-1	7.137	6.239	1521641	631528	22.275	21.409
4)	L1 AR-1016-2	7.162	6.261	2462045	885046	25.128	22.594
5)	L1 AR-1016-3	7.233	6.474	1712996	446773	28.450m	21.238 #
6)	L1 AR-1016-4	7.343	6.528	1626459	448818	32.468m	25.762
7)	L1 AR-1016-5	7.678	6.781	1292953	460321	24.430m	20.567
31)	L7 AR-1260-1	8.903	7.945	2419933	1435974	18.629m	24.736m#
32)	L7 AR-1260-2	9.172	8.150	3770167	2078904	22.697	27.192m
33)	L7 AR-1260-3	9.547	8.318	3107055	1780174	22.635	25.391m
34)	L7 AR-1260-4	9.790	8.815	4601919	1579979	27.070	23.967m
35)	L7 AR-1260-5	10.134	9.066	9611646	4434384	24.443	23.617

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

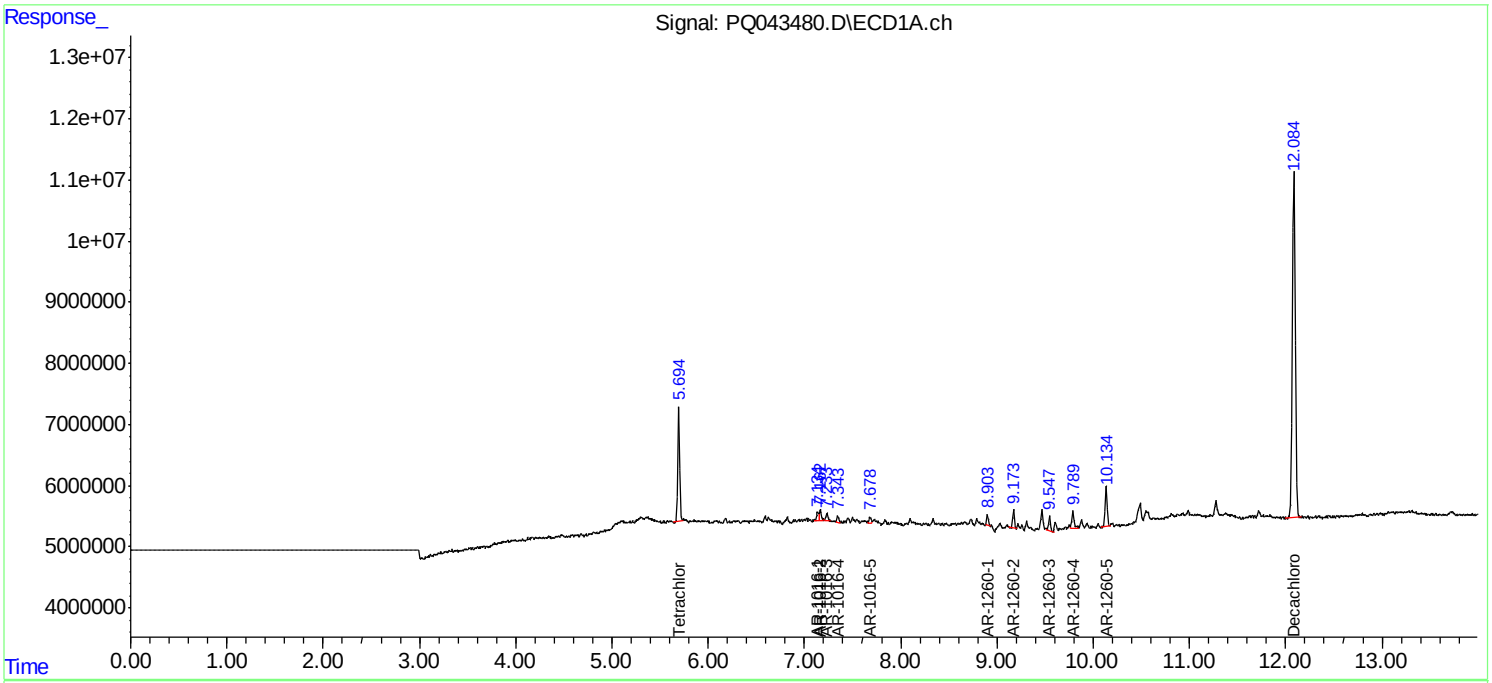
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
Data File : PQ043480.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2019 18:24
Operator : SM\AJ
Sample : K3591-07
Misc : AR1660 LOD 25 PPB
ALS Vial : 14 Sample Multiplier: 1

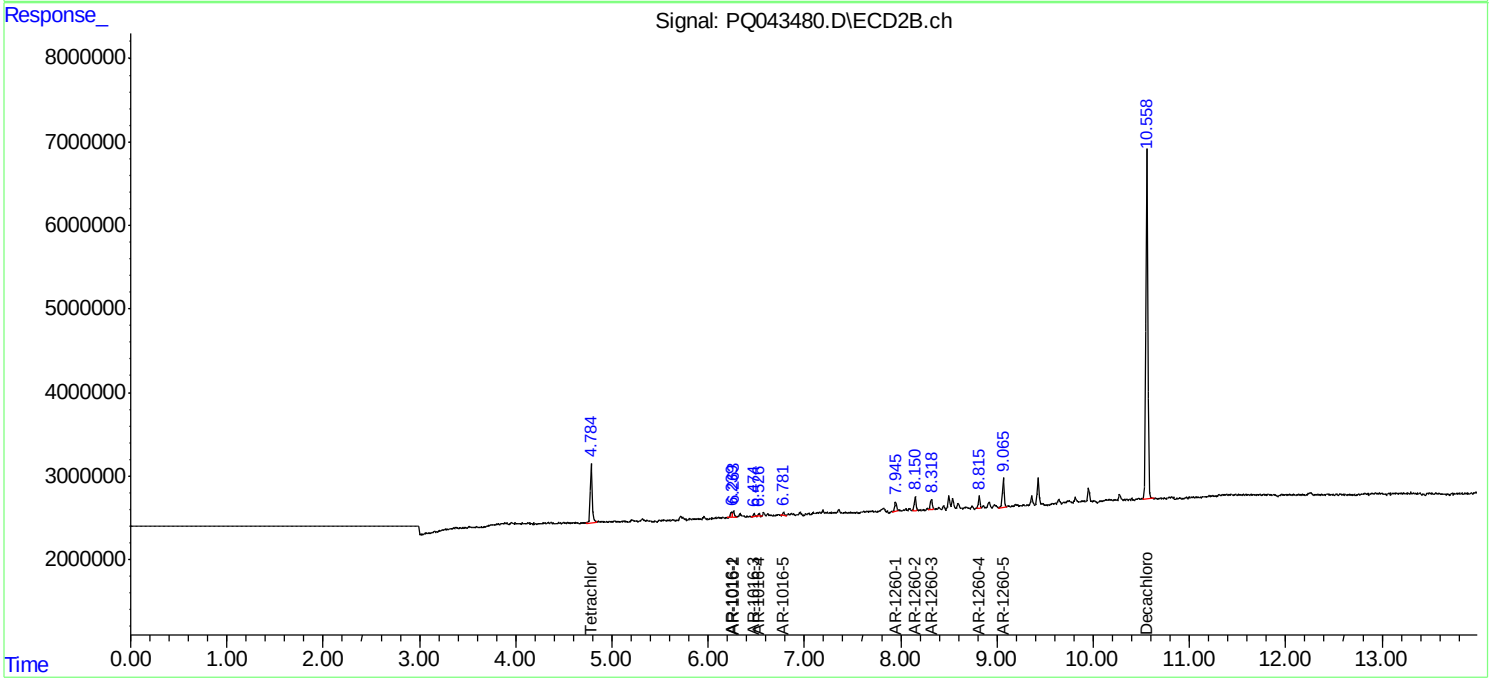
Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

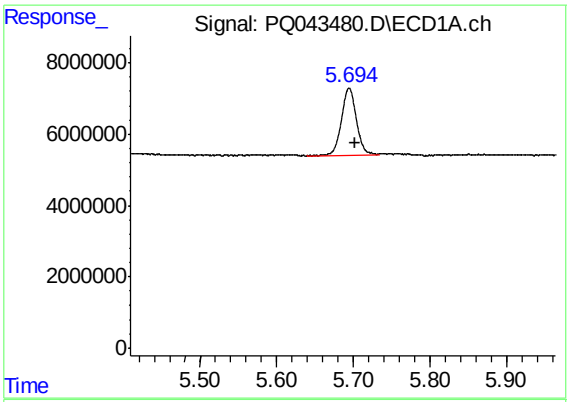
Manual Integrations APPROVED
Ankita
9/12/2019 12:15:16 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:44:51 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 12 02:33:14 2019
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





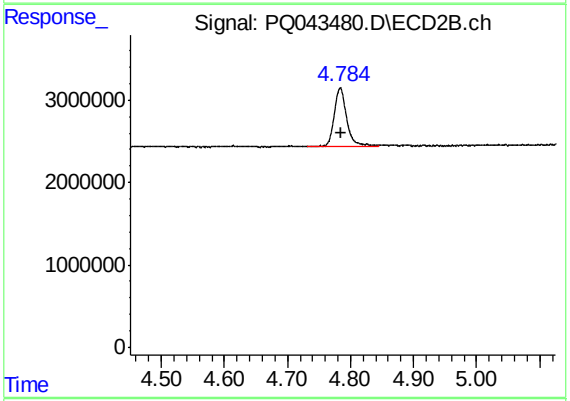


#1 Tetrachloro-m-xylene

R.T.: 5.694 min
Delta R.T.: -0.008 min
Response: 25214263
Conc: 15.83 ng/ml

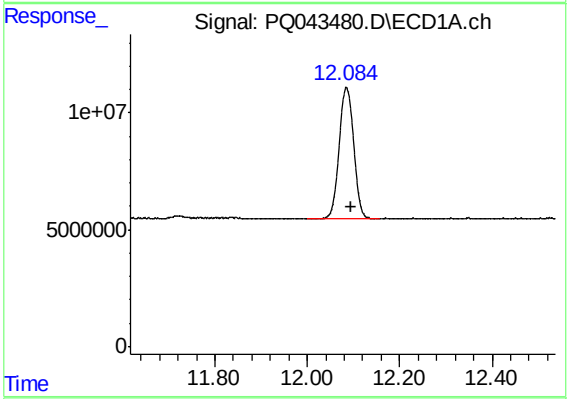
Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
Ankita
9/12/2019 12:15:16 PM



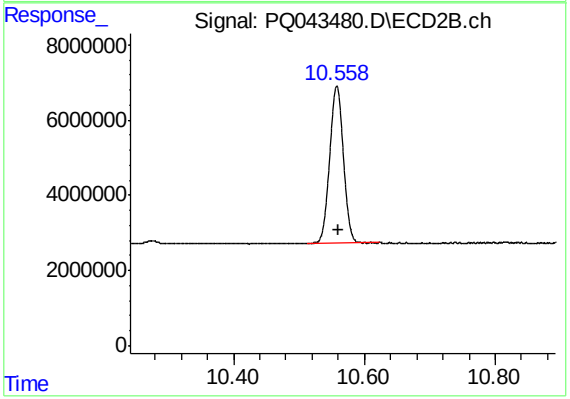
#1 Tetrachloro-m-xylene

R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 9833846
Conc: 16.23 ng/ml



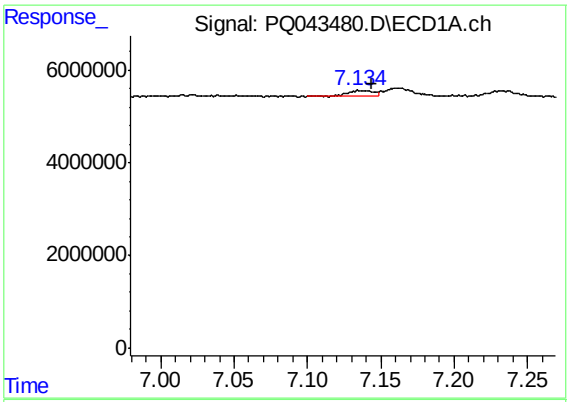
#2 Decachlorobiphenyl

R.T.: 12.084 min
Delta R.T.: -0.011 min
Response: 122891607
Conc: 19.48 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.558 min
Delta R.T.: -0.003 min
Response: 60395788
Conc: 19.28 ng/ml

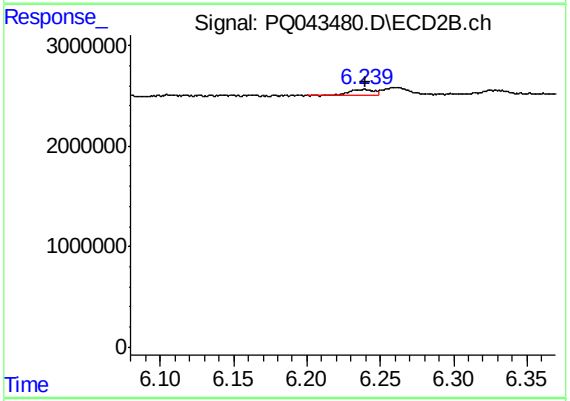


#3 AR-1016-1

R.T.: 7.137 min
Delta R.T.: -0.007 min
Response: 1521641
Conc: 22.28 ng/ml

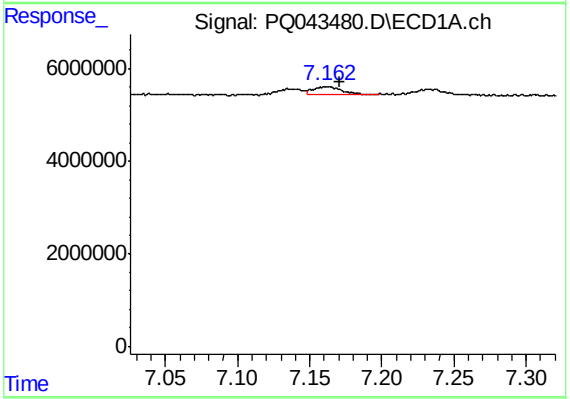
Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
Ankita
9/12/2019 12:15:16 PM



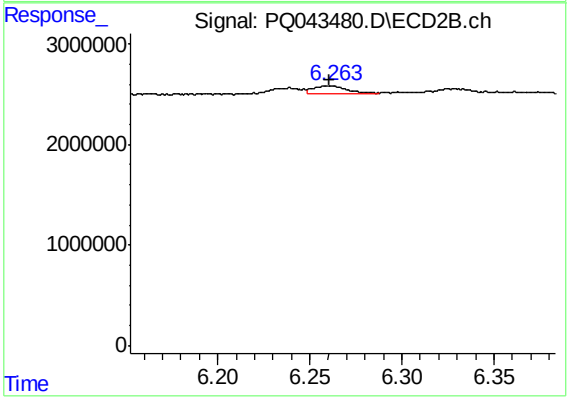
#3 AR-1016-1

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 631528
Conc: 21.41 ng/ml



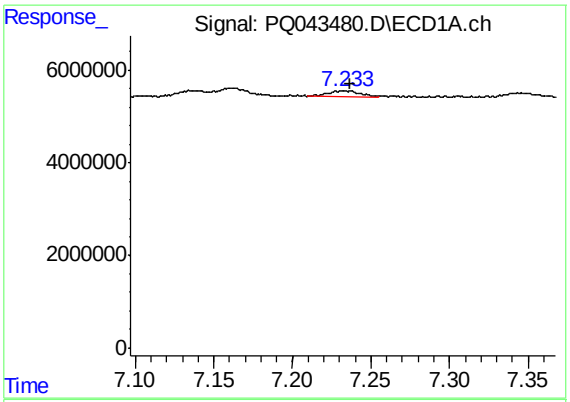
#4 AR-1016-2

R.T.: 7.162 min
Delta R.T.: -0.008 min
Response: 2462045
Conc: 25.13 ng/ml



#4 AR-1016-2

R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 885046
Conc: 22.59 ng/ml

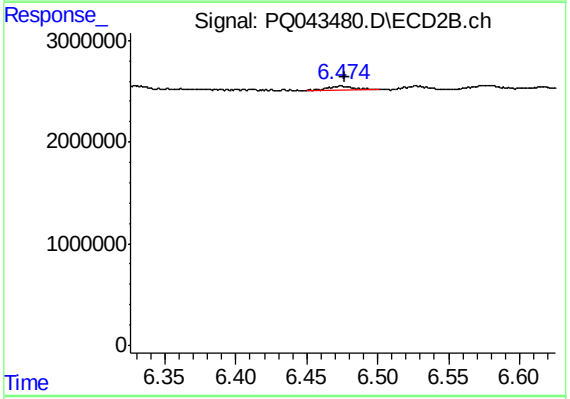


#5 AR-1016-3

R.T.: 7.233 min
Delta R.T.: -0.003 min
Response: 1712996
Conc: 28.45 ng/ml m

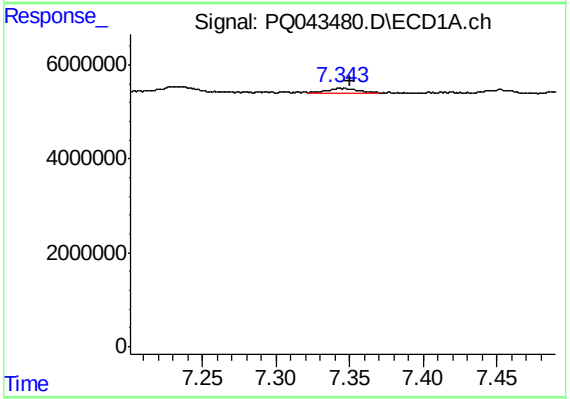
Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
Ankita
9/12/2019 12:15:16 PM



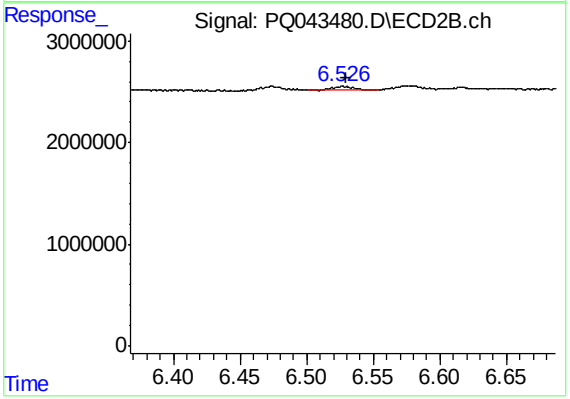
#5 AR-1016-3

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 446773
Conc: 21.24 ng/ml



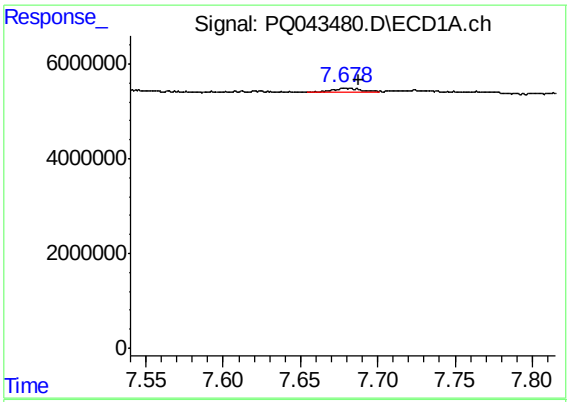
#6 AR-1016-4

R.T.: 7.343 min
Delta R.T.: -0.007 min
Response: 1626459
Conc: 32.47 ng/ml m



#6 AR-1016-4

R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 448818
Conc: 25.76 ng/ml

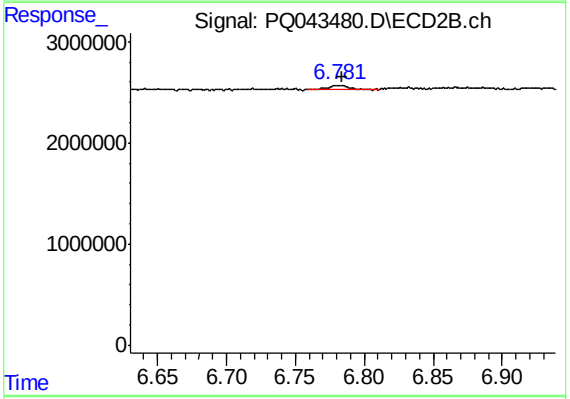


#7 AR-1016-5

R.T.: 7.678 min
Delta R.T.: -0.011 min
Response: 1292953
Conc: 24.43 ng/ml m

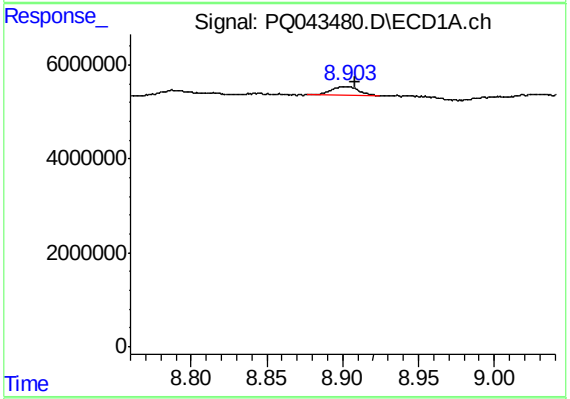
Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
Ankita
9/12/2019 12:15:16 PM



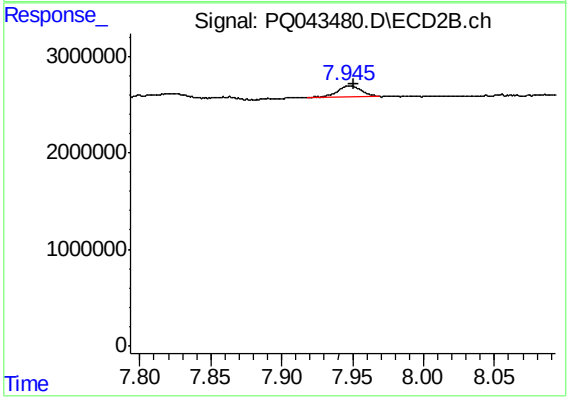
#7 AR-1016-5

R.T.: 6.781 min
Delta R.T.: -0.003 min
Response: 460321
Conc: 20.57 ng/ml



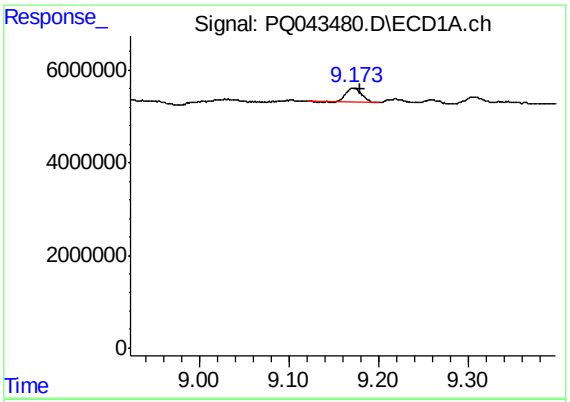
#31 AR-1260-1

R.T.: 8.903 min
Delta R.T.: -0.005 min
Response: 2419933
Conc: 18.63 ng/ml m



#31 AR-1260-1

R.T.: 7.945 min
Delta R.T.: -0.005 min
Response: 1435974
Conc: 24.74 ng/ml m

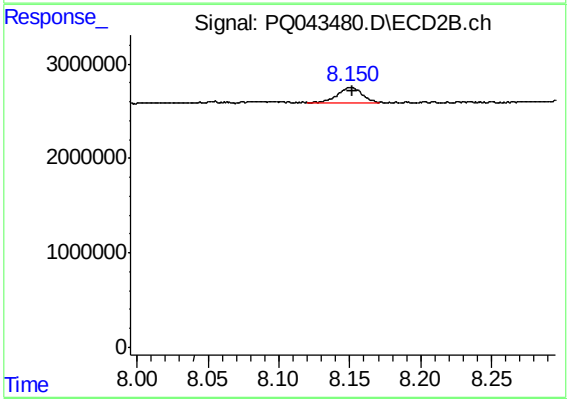


#32 AR-1260-2

R.T.: 9.172 min
Delta R.T.: -0.007 min
Response: 3770167
Conc: 22.70 ng/ml

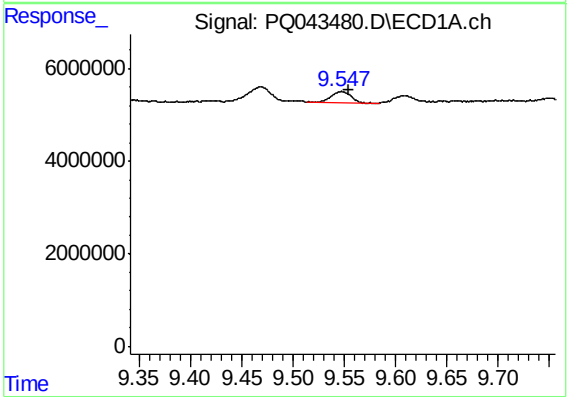
Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
Ankita
9/12/2019 12:15:16 PM



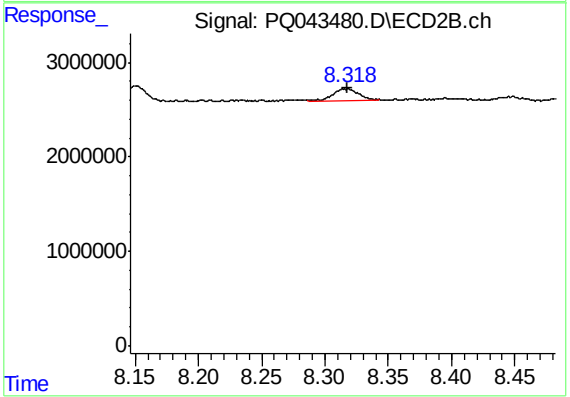
#32 AR-1260-2

R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 2078904
Conc: 27.19 ng/ml m



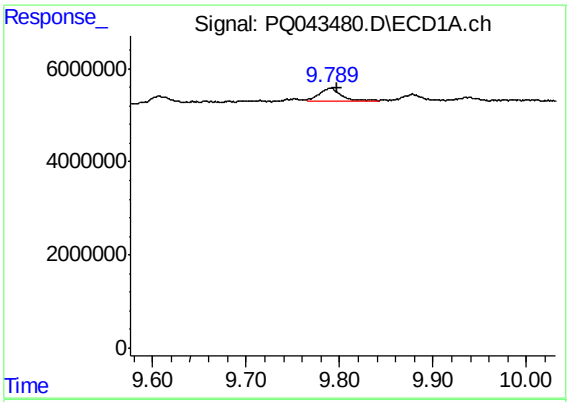
#33 AR-1260-3

R.T.: 9.547 min
Delta R.T.: -0.007 min
Response: 3107055
Conc: 22.63 ng/ml



#33 AR-1260-3

R.T.: 8.318 min
Delta R.T.: 0.000 min
Response: 1780174
Conc: 25.39 ng/ml m

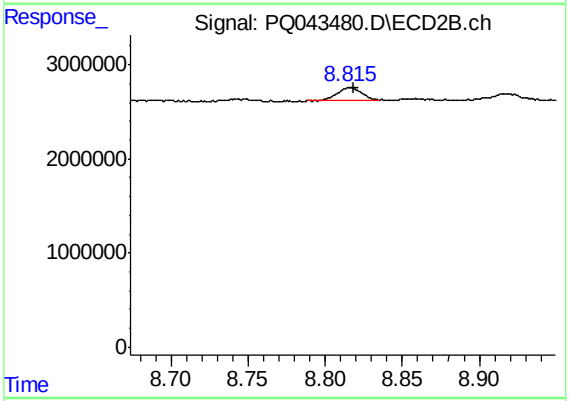


#34 AR-1260-4

R.T.: 9.790 min
Delta R.T.: -0.007 min
Response: 4601919
Conc: 27.07 ng/ml

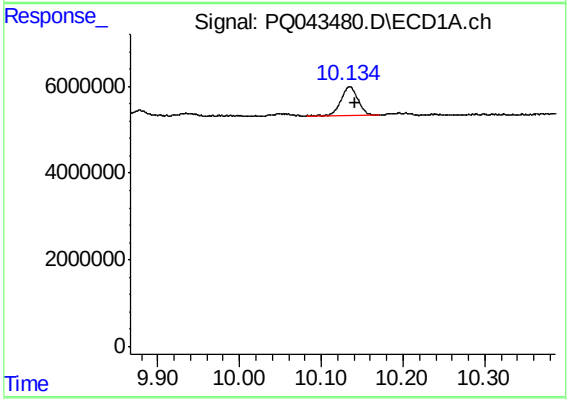
Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
Ankita
9/12/2019 12:15:16 PM



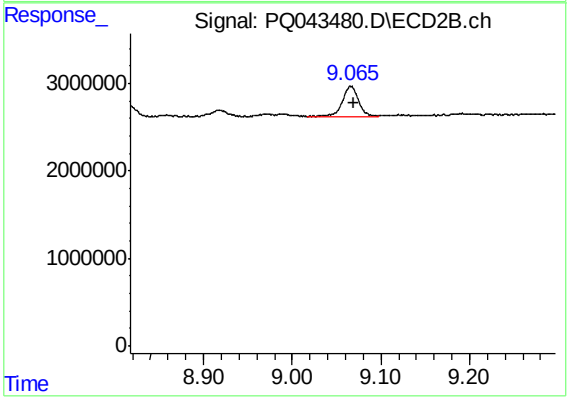
#34 AR-1260-4

R.T.: 8.815 min
Delta R.T.: -0.004 min
Response: 1579979
Conc: 23.97 ng/ml m



#35 AR-1260-5

R.T.: 10.134 min
Delta R.T.: -0.008 min
Response: 9611646
Conc: 24.44 ng/ml



#35 AR-1260-5

R.T.: 9.066 min
Delta R.T.: -0.003 min
Response: 4434384
Conc: 23.62 ng/ml