Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072321\
Data File : PO079814.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jul 2021 21:31
Operator : DD\AJ
Sample : M2940-07
Misc : AR1660 LOD 25 PPB
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/26/2021 11:58:08 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 26 04:05:07 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072221.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jul 23 05:30:42 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	5.001	4.121	1016257	422403	17.971	18.999
2)	SA Decachlor...	11.109	9.532	822986	400824	20.825	23.369
	Target Compounds						
3)	L1 AR-1016-1	6.331	5.400	46319	27124	23.146	30.189m#
4)	L1 AR-1016-2	6.355	5.421	74084	40992	26.638	34.298 #
5)	L1 AR-1016-3	6.421	5.617	50381	20313	29.208	32.224
6)	L1 AR-1016-4	6.529	5.667	33749	16508	24.114	31.593 #
7)	L1 AR-1016-5	6.846	5.900	31665	17907	23.130	27.443
31)	L7 AR-1260-1	8.026	7.012	69500	36486	31.140	30.871
32)	L7 AR-1260-2	8.293	7.210	71431	49651	26.662m	35.052 #
33)	L7 AR-1260-3	8.661	7.369	45049	53895	21.927	41.024 #
34)	L7 AR-1260-4	8.893	7.859	53059	30209	20.714	28.192 #
35)	L7 AR-1260-5	9.228	8.107	125014	72384	25.776	29.529

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

Quantitation Report (QT Reviewed)

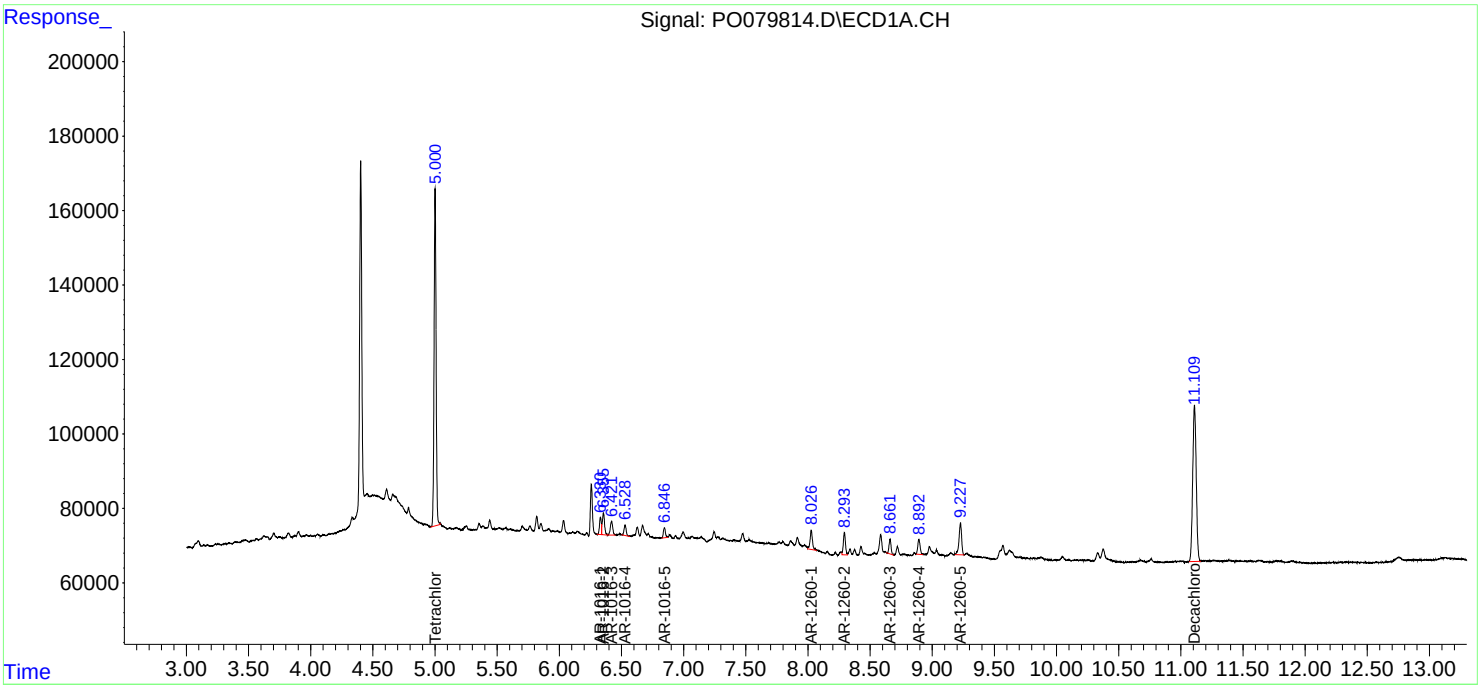
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072321\
Data File : PO079814.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jul 2021 21:31
Operator : DD\AJ
Sample : M2940-07
Misc : AR1660 LOD 25 PPB
ALS Vial : 26 Sample Multiplier: 1

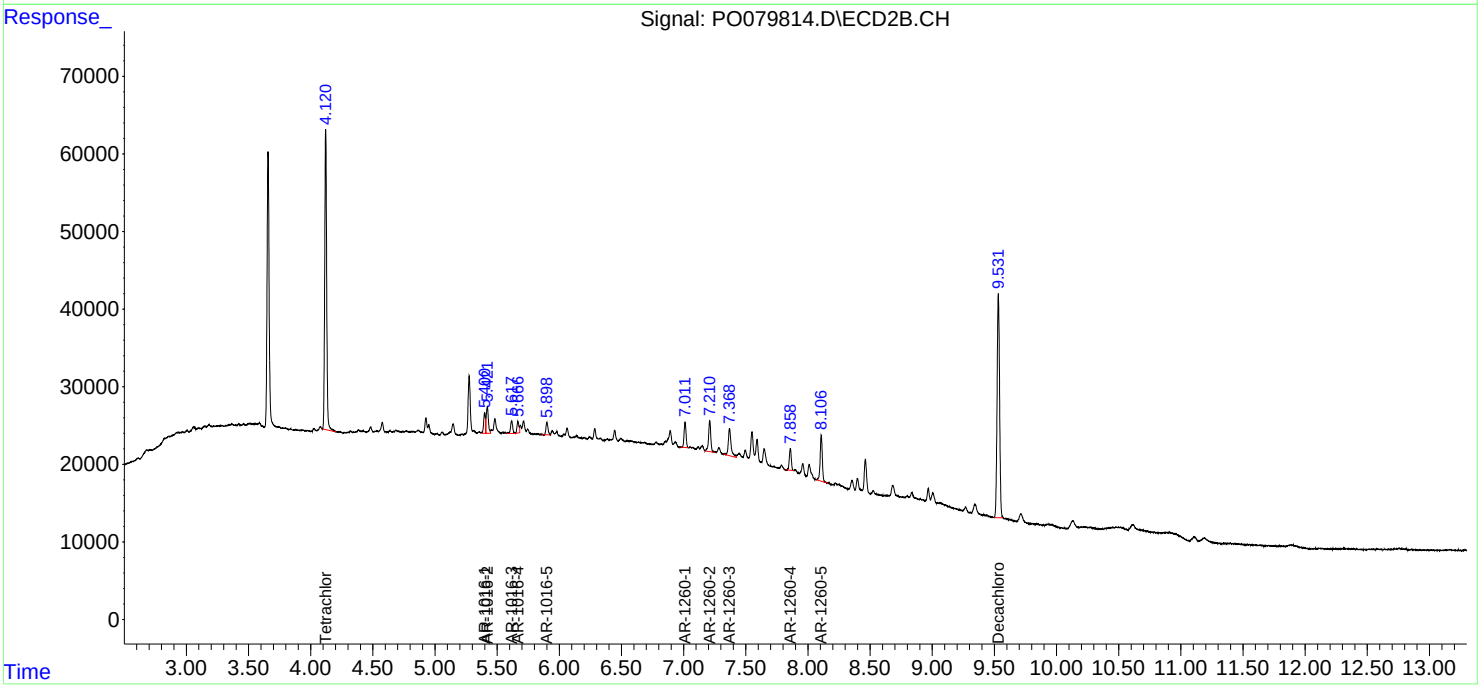
Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

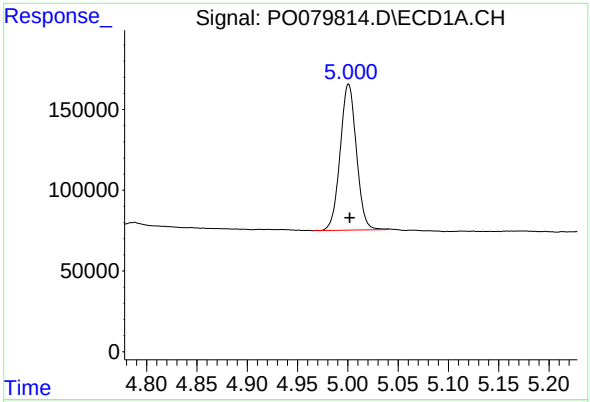
Manual Integrations APPROVED
mohammad
7/26/2021 11:58:08 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 26 04:05:07 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072221.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jul 23 05:30:42 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





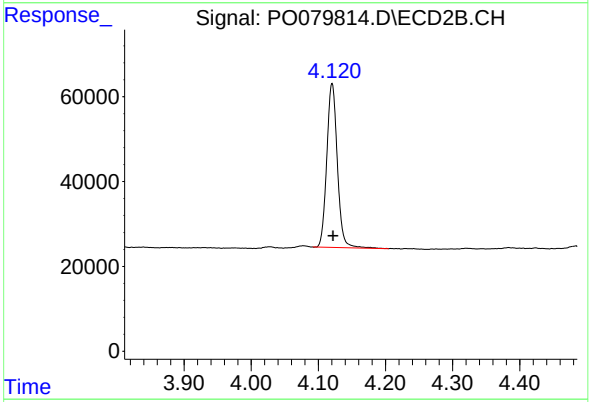


#1 Tetrachloro-m-xylene

R.T.: 5.001 min
Delta R.T.: -0.001 min
Response: 1016257
Conc: 17.97 ng/ml

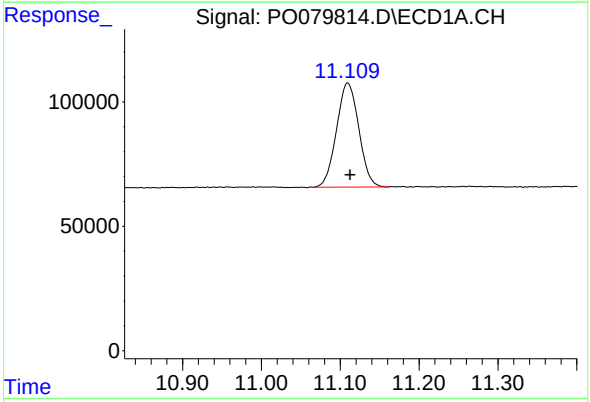
Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/26/2021 11:58:08 AM



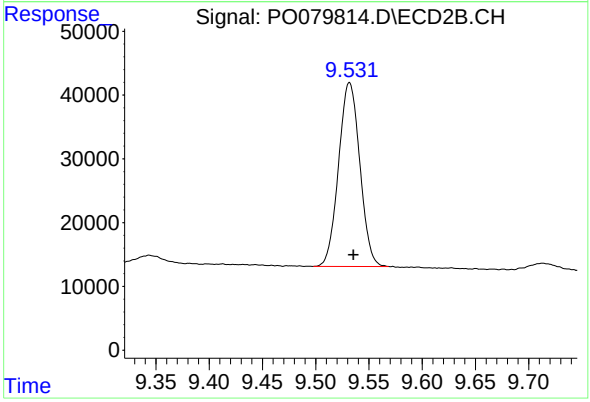
#1 Tetrachloro-m-xylene

R.T.: 4.121 min
Delta R.T.: -0.001 min
Response: 422403
Conc: 19.00 ng/ml



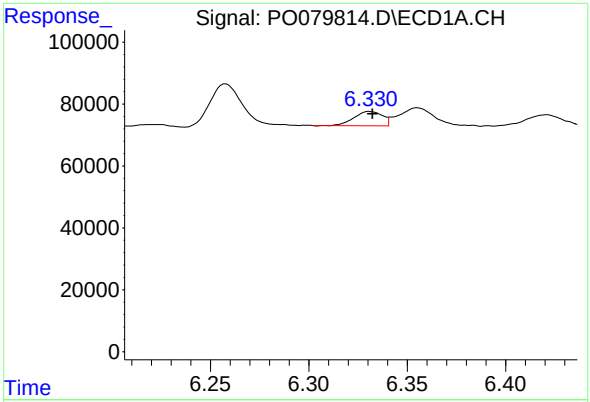
#2 Decachlorobiphenyl

R.T.: 11.109 min
Delta R.T.: -0.003 min
Response: 822986
Conc: 20.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.532 min
Delta R.T.: -0.004 min
Response: 400824
Conc: 23.37 ng/ml

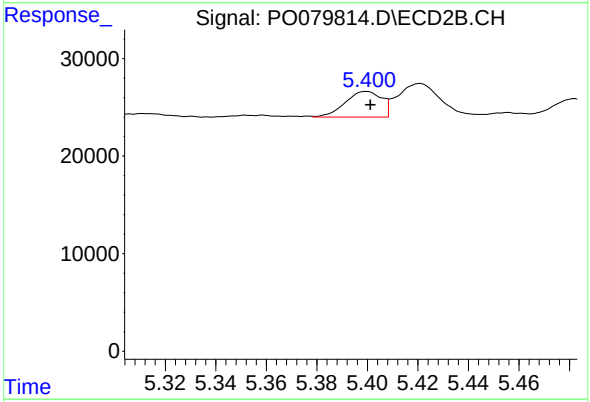


#3 AR-1016-1

R.T.: 6.331 min
Delta R.T.: -0.002 min
Response: 46319
Conc: 23.15 ng/ml

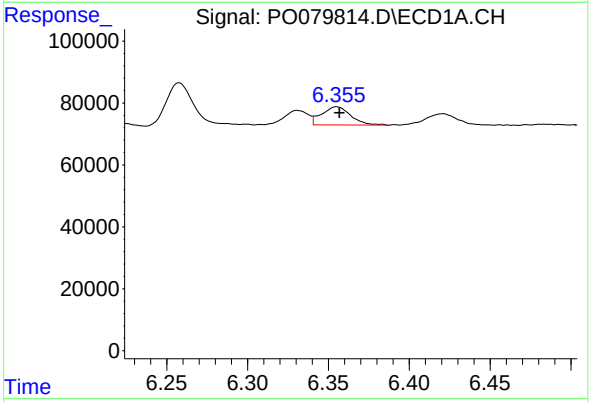
Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/26/2021 11:58:08 AM



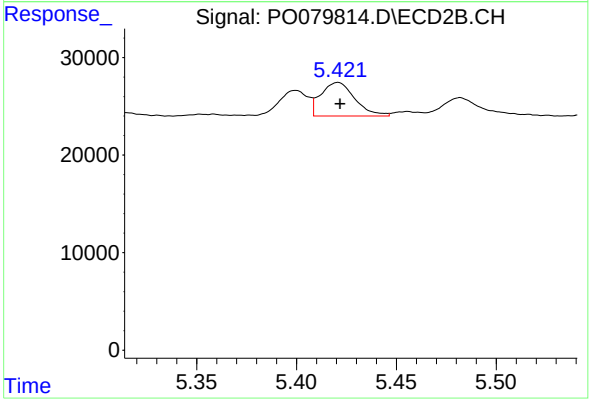
#3 AR-1016-1

R.T.: 5.400 min
Delta R.T.: -0.002 min
Response: 27124
Conc: 30.19 ng/ml m



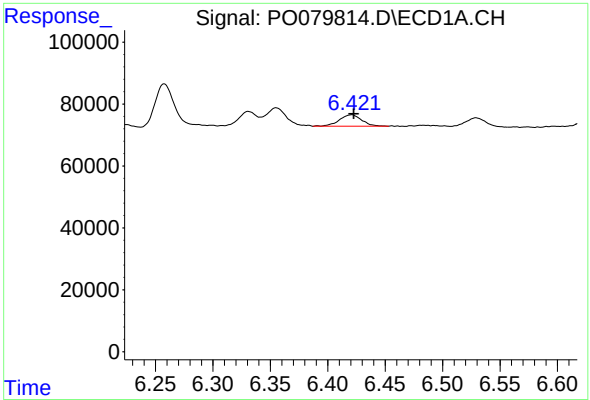
#4 AR-1016-2

R.T.: 6.355 min
Delta R.T.: -0.002 min
Response: 74084
Conc: 26.64 ng/ml



#4 AR-1016-2

R.T.: 5.421 min
Delta R.T.: -0.001 min
Response: 40992
Conc: 34.30 ng/ml

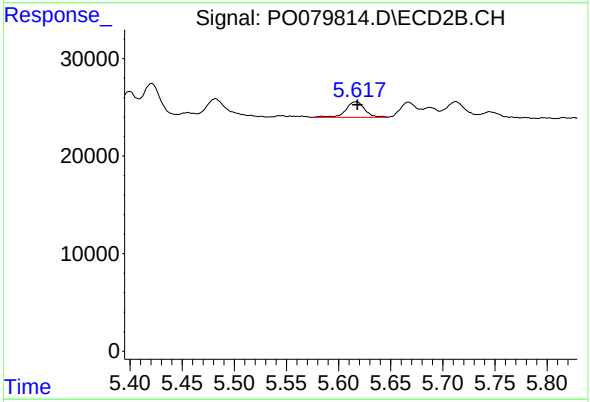


#5 AR-1016-3

R.T.: 6.421 min
Delta R.T.: -0.001 min
Response: 50381
Conc: 29.21 ng/ml

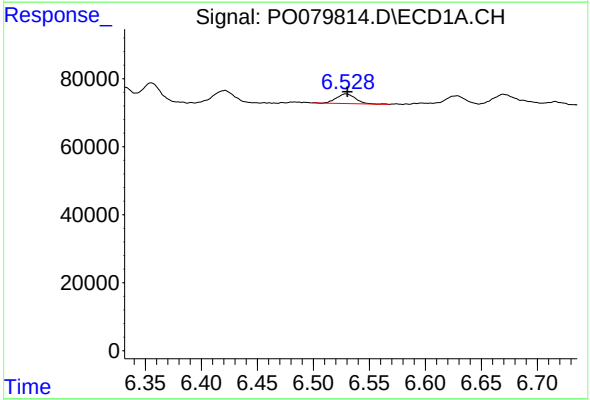
Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/26/2021 11:58:08 AM



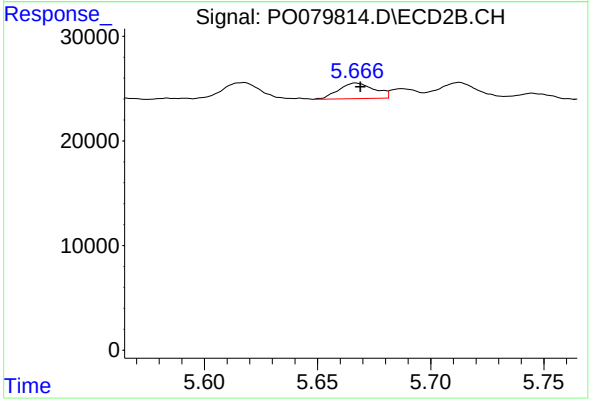
#5 AR-1016-3

R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 20313
Conc: 32.22 ng/ml



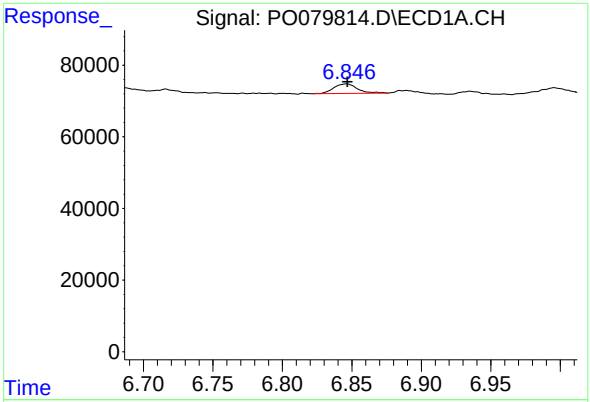
#6 AR-1016-4

R.T.: 6.529 min
Delta R.T.: -0.001 min
Response: 33749
Conc: 24.11 ng/ml



#6 AR-1016-4

R.T.: 5.667 min
Delta R.T.: -0.002 min
Response: 16508
Conc: 31.59 ng/ml

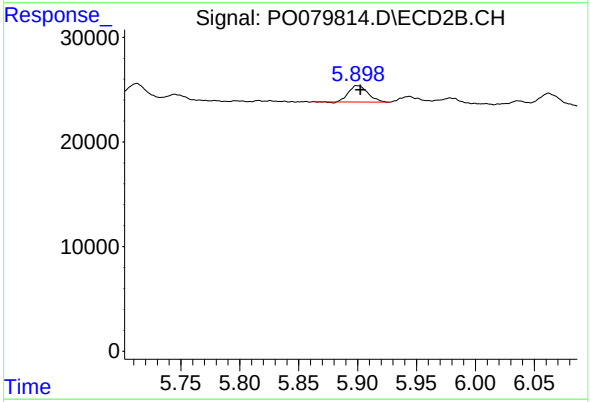


#7 AR-1016-5

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 31665
Conc: 23.13 ng/ml

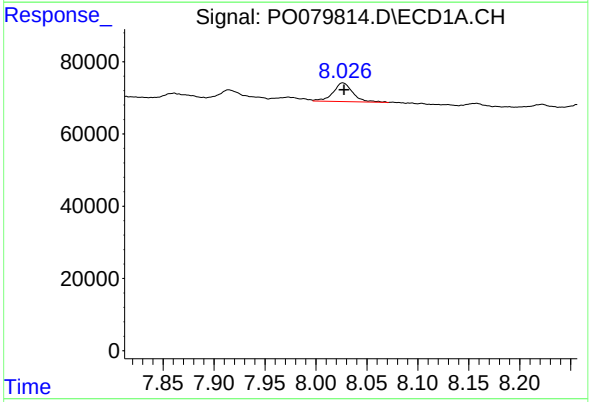
Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/26/2021 11:58:08 AM



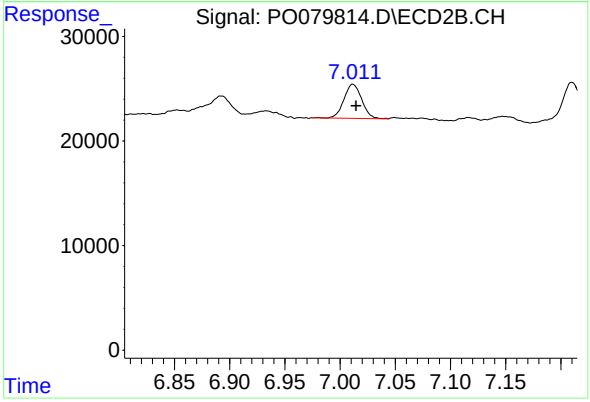
#7 AR-1016-5

R.T.: 5.900 min
Delta R.T.: -0.003 min
Response: 17907
Conc: 27.44 ng/ml



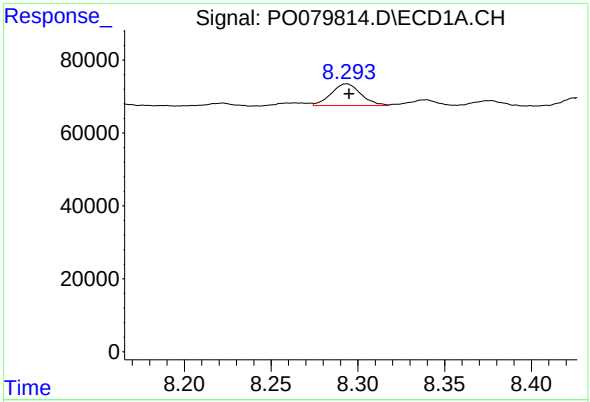
#31 AR-1260-1

R.T.: 8.026 min
Delta R.T.: -0.001 min
Response: 69500
Conc: 31.14 ng/ml



#31 AR-1260-1

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 36486
Conc: 30.87 ng/ml

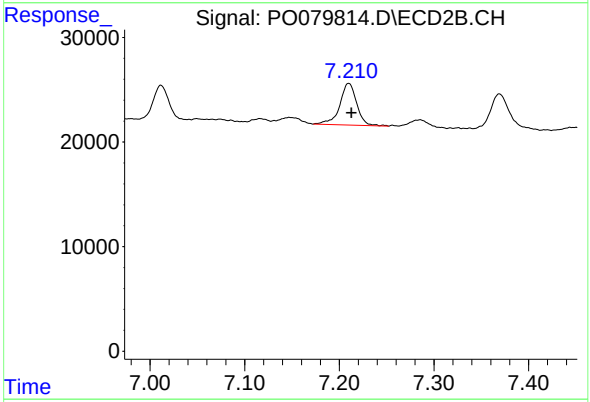


#32 AR-1260-2

R.T.: 8.293 min
Delta R.T.: -0.002 min
Response: 71431
Conc: 26.66 ng/ml m

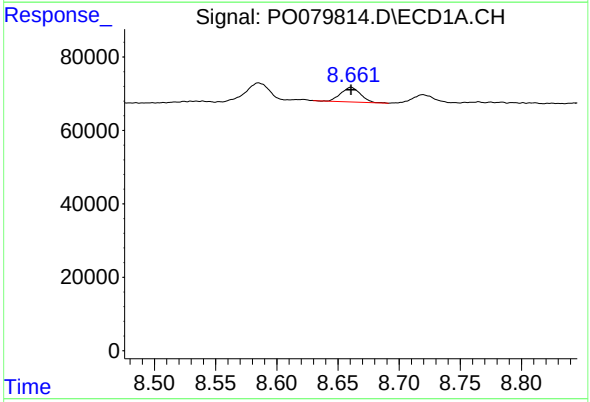
Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/26/2021 11:58:08 AM



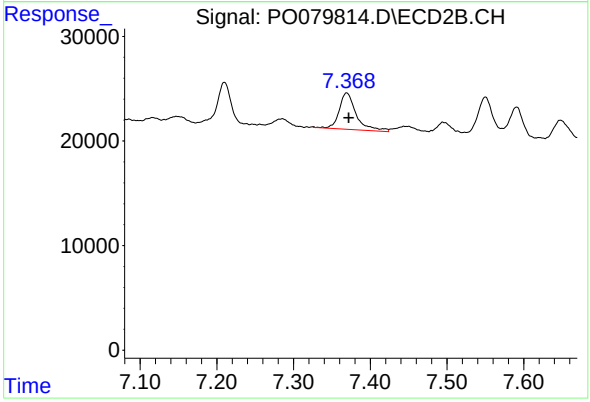
#32 AR-1260-2

R.T.: 7.210 min
Delta R.T.: -0.003 min
Response: 49651
Conc: 35.05 ng/ml



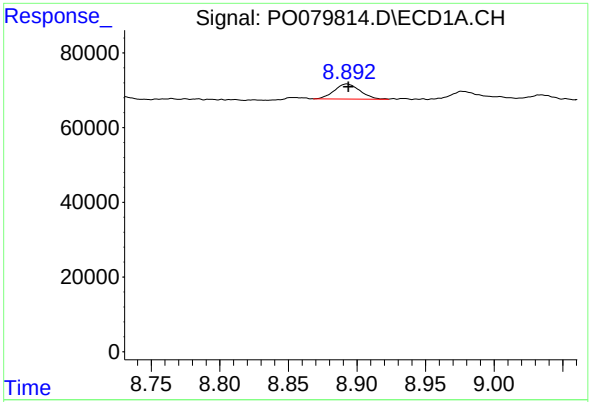
#33 AR-1260-3

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 45049
Conc: 21.93 ng/ml



#33 AR-1260-3

R.T.: 7.369 min
Delta R.T.: -0.003 min
Response: 53895
Conc: 41.02 ng/ml

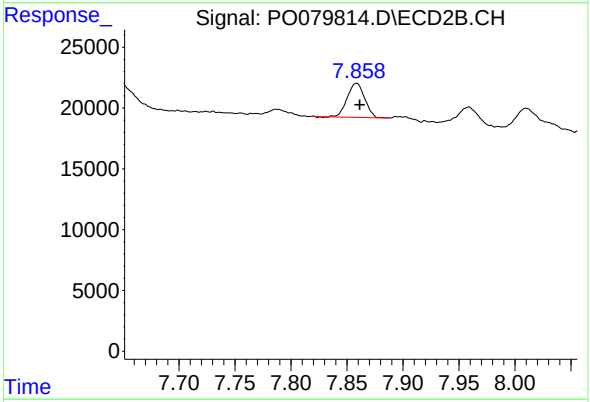


#34 AR-1260-4

R.T.: 8.893 min
Delta R.T.: -0.001 min
Response: 53059
Conc: 20.71 ng/ml

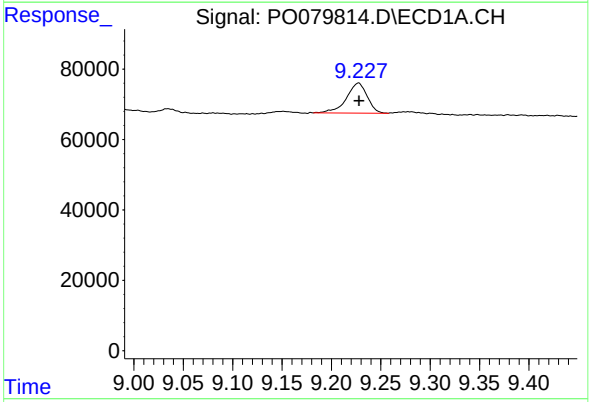
Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/26/2021 11:58:08 AM



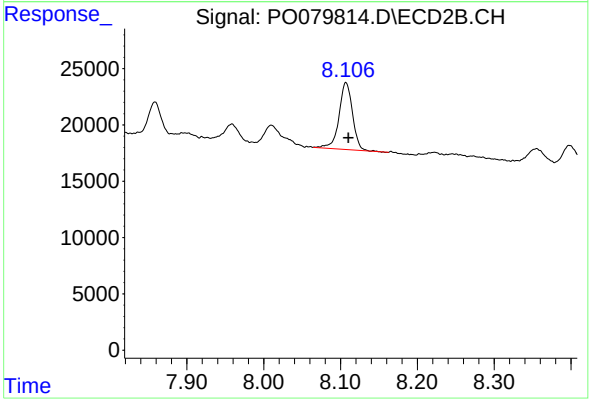
#34 AR-1260-4

R.T.: 7.859 min
Delta R.T.: -0.003 min
Response: 30209
Conc: 28.19 ng/ml



#35 AR-1260-5

R.T.: 9.228 min
Delta R.T.: 0.000 min
Response: 125014
Conc: 25.78 ng/ml



#35 AR-1260-5

R.T.: 8.107 min
Delta R.T.: -0.003 min
Response: 72384
Conc: 29.53 ng/ml