Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072821\
Data File : PO079892.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Jul 2021 23:14
Operator : DD\AJ
Sample : M2940-07
Misc : AR1660 LOD 40 PPB
ALS Vial : 39 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/29/2021 1:04:37 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 03:37:05 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072821.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 28 18:45:36 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...	5.000	4.119	1294778	521383	21.487	22.767
2) SA	Decachlor...	11.110	9.526	1096991	504388	23.385	24.271
	Target Compounds						
3) L1	AR-1016-1	6.331	5.397	103493	49896	47.080	53.086
4) L1	AR-1016-2	6.355	5.418	138650	70071	45.444	55.078
5) L1	AR-1016-3	6.420	5.614	96392	34006	51.223	48.235
6) L1	AR-1016-4	6.529	5.664	70590	29626	45.782	49.029
7) L1	AR-1016-5	6.846	5.898	73192	38425	48.378	52.175
31) L7	AR-1260-1	8.026	7.009	114318	72455	46.595	55.978
32) L7	AR-1260-2	8.293	7.206	143762	102549	46.780m	67.036 #
33) L7	AR-1260-3	8.660	7.365	106371	86111	47.973	58.978
34) L7	AR-1260-4	8.891	7.854	118909	60642	46.321	51.176
35) L7	AR-1260-5	9.226	8.104	236721	139207	46.298	52.697

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

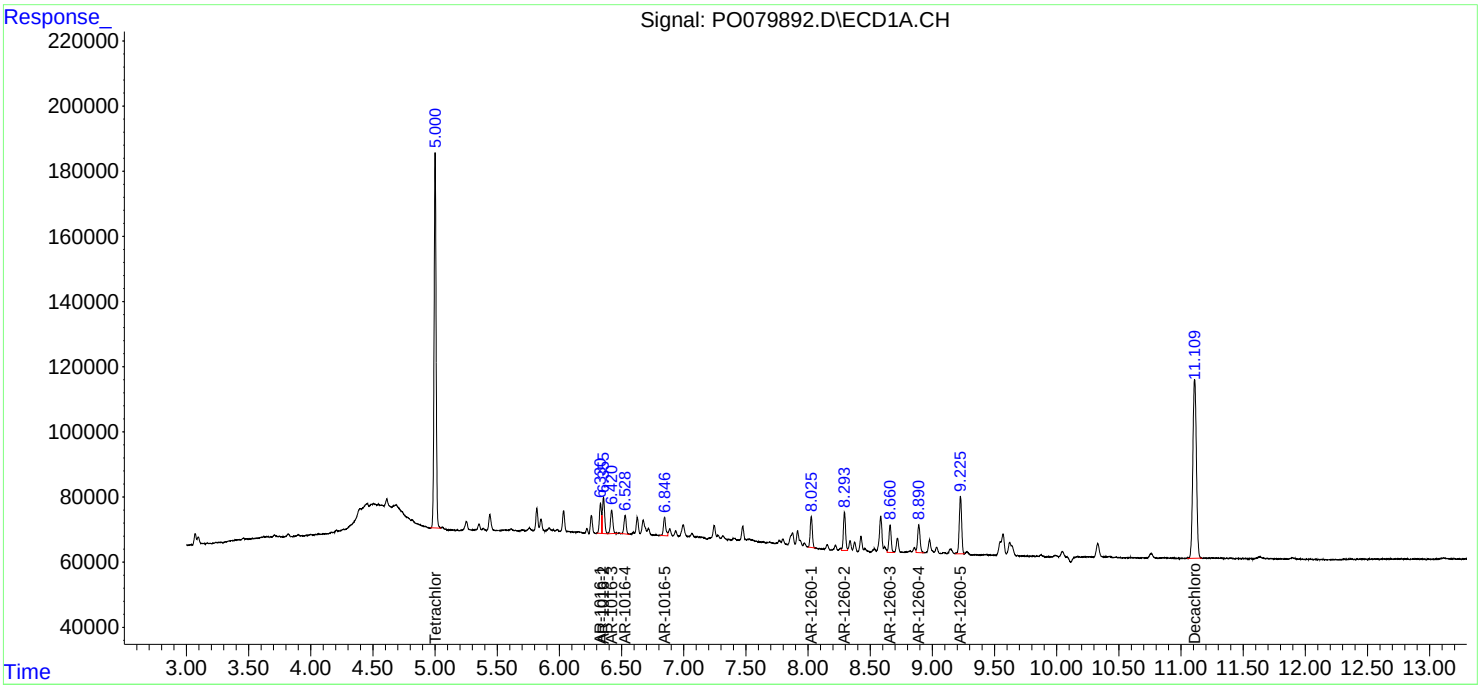
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072821\
Data File : PO079892.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Jul 2021 23:14
Operator : DD\AJ
Sample : M2940-07
Misc : AR1660 LOD 40 PPB
ALS Vial : 39 Sample Multiplier: 1

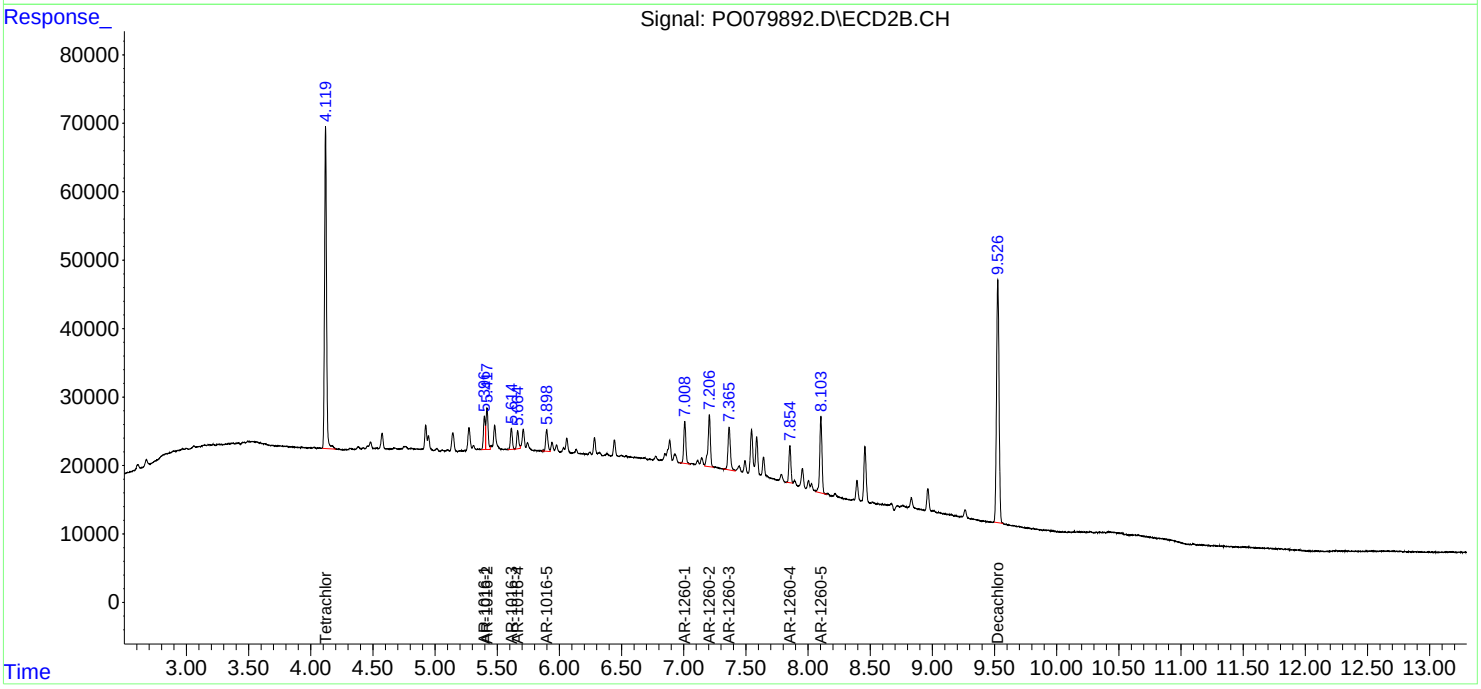
Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

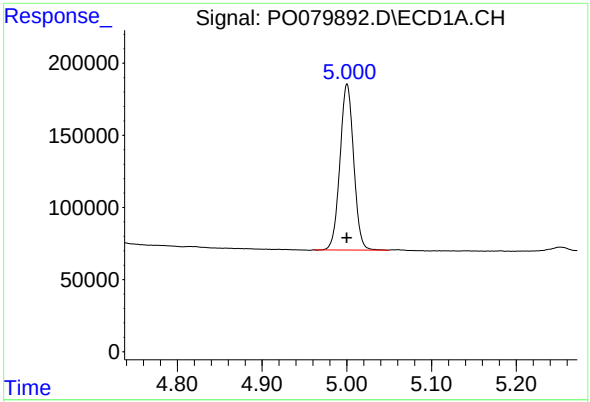
Manual Integrations APPROVED
mohammad
7/29/2021 1:04:37 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 03:37:05 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072821.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 28 18:45:36 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





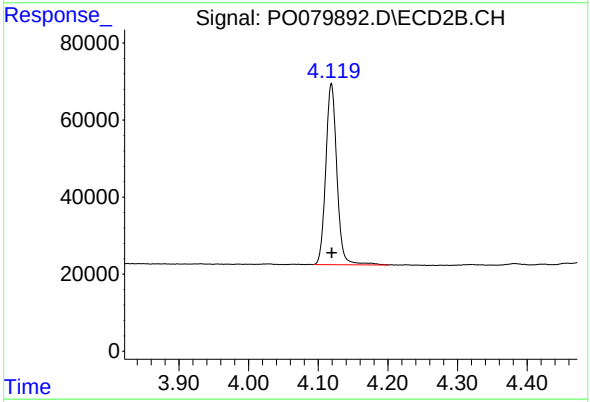


#1 Tetrachloro-m-xylene

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 1294778
Conc: 21.49 ng/ml

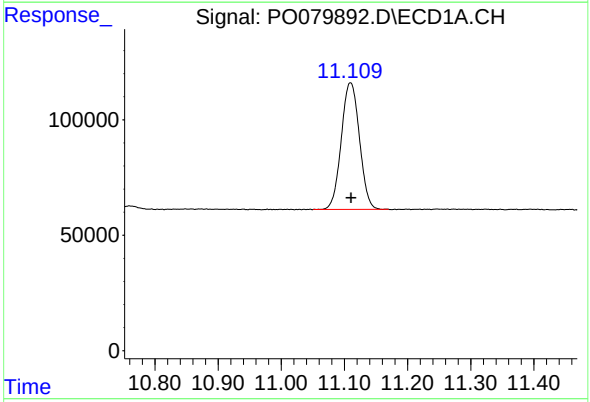
Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/29/2021 1:04:37 PM



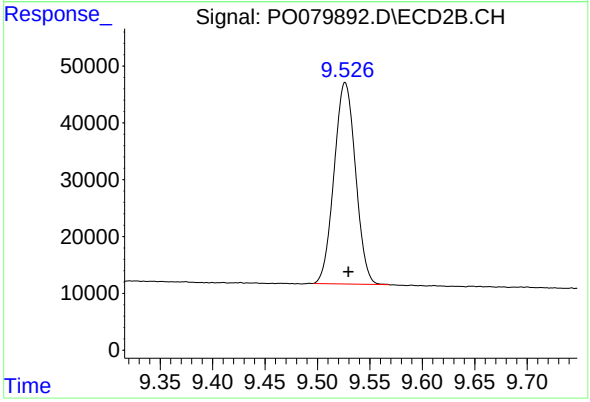
#1 Tetrachloro-m-xylene

R.T.: 4.119 min
Delta R.T.: 0.000 min
Response: 521383
Conc: 22.77 ng/ml



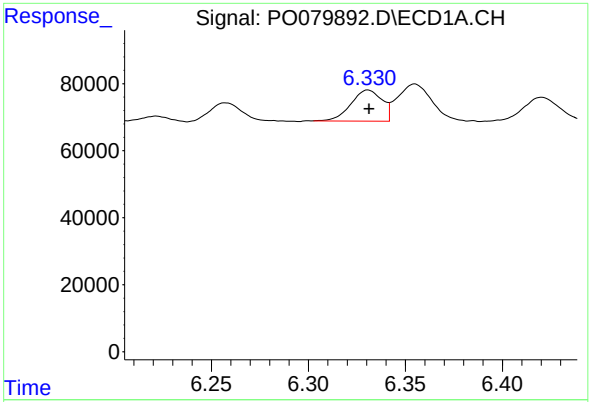
#2 Decachlorobiphenyl

R.T.: 11.110 min
Delta R.T.: 0.000 min
Response: 1096991
Conc: 23.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.526 min
Delta R.T.: -0.003 min
Response: 504388
Conc: 24.27 ng/ml

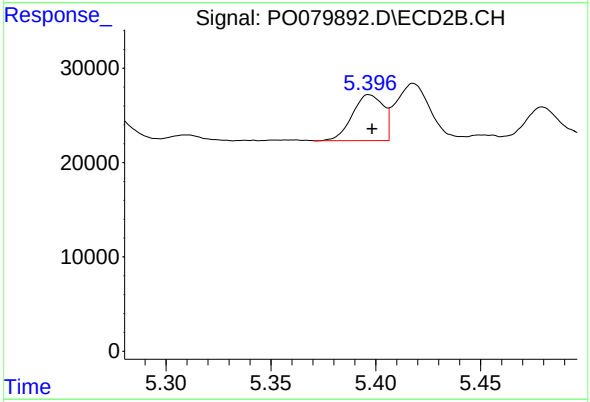


#3 AR-1016-1

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 103493
Conc: 47.08 ng/ml

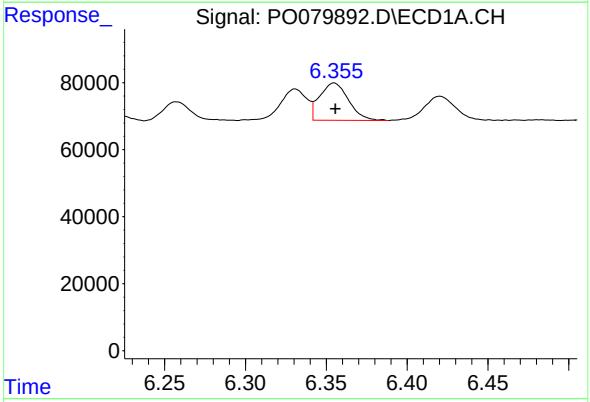
Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/29/2021 1:04:37 PM



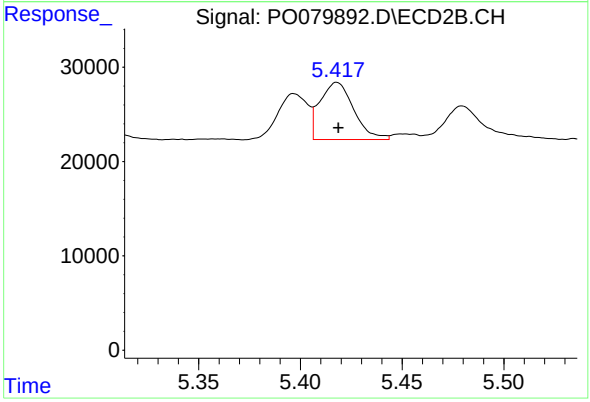
#3 AR-1016-1

R.T.: 5.397 min
Delta R.T.: -0.001 min
Response: 49896
Conc: 53.09 ng/ml



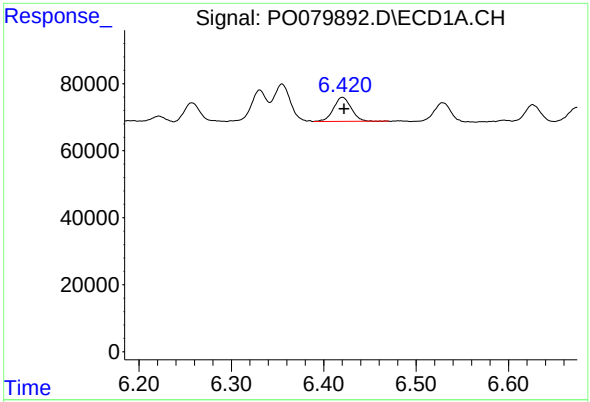
#4 AR-1016-2

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 138650
Conc: 45.44 ng/ml



#4 AR-1016-2

R.T.: 5.418 min
Delta R.T.: 0.000 min
Response: 70071
Conc: 55.08 ng/ml

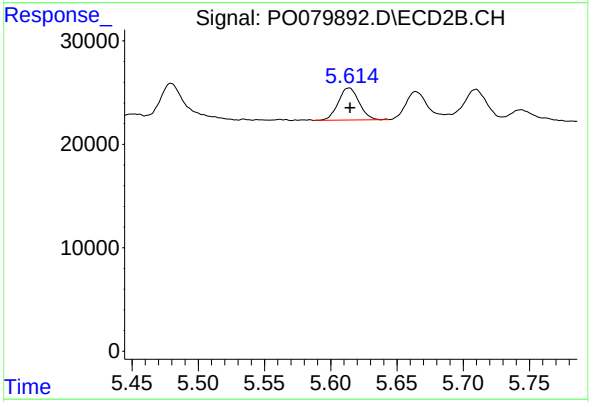


#5 AR-1016-3

R.T.: 6.420 min
Delta R.T.: -0.002 min
Response: 96392
Conc: 51.22 ng/ml

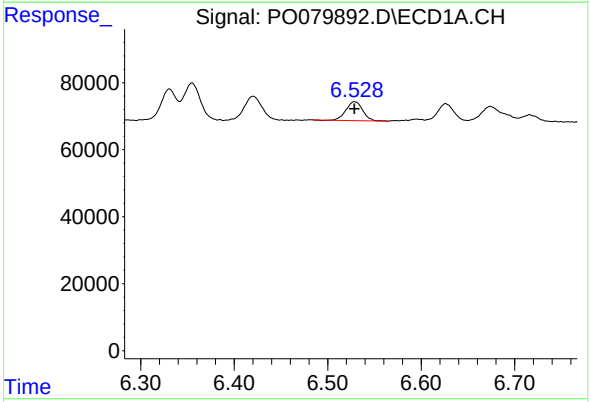
Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/29/2021 1:04:37 PM



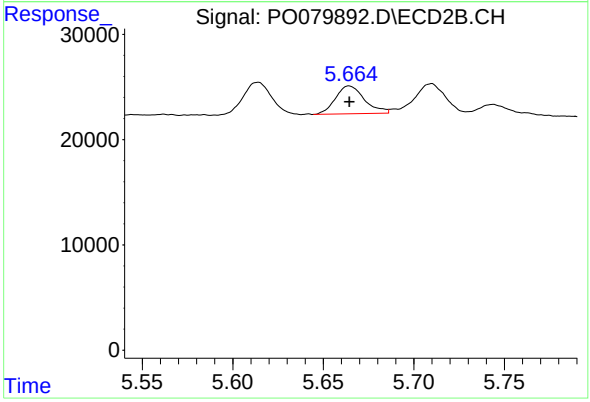
#5 AR-1016-3

R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 34006
Conc: 48.23 ng/ml



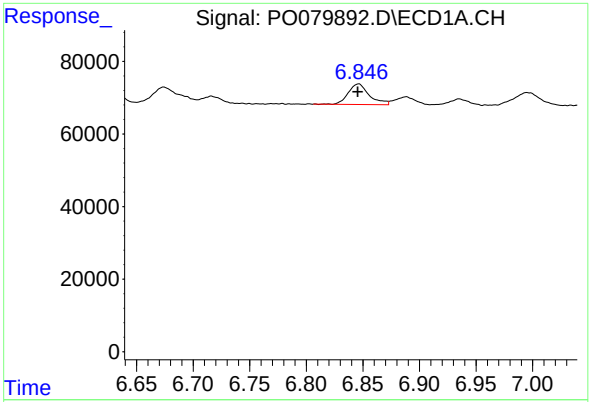
#6 AR-1016-4

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 70590
Conc: 45.78 ng/ml



#6 AR-1016-4

R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 29626
Conc: 49.03 ng/ml

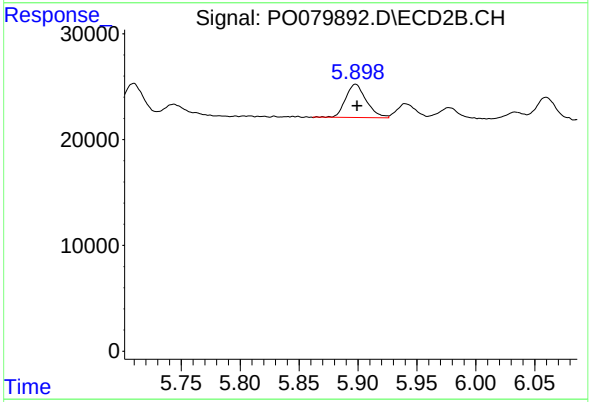


#7 AR-1016-5

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 73192
Conc: 48.38 ng/ml

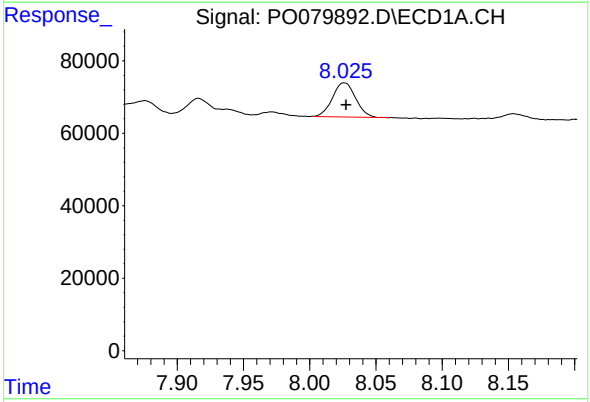
Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/29/2021 1:04:37 PM



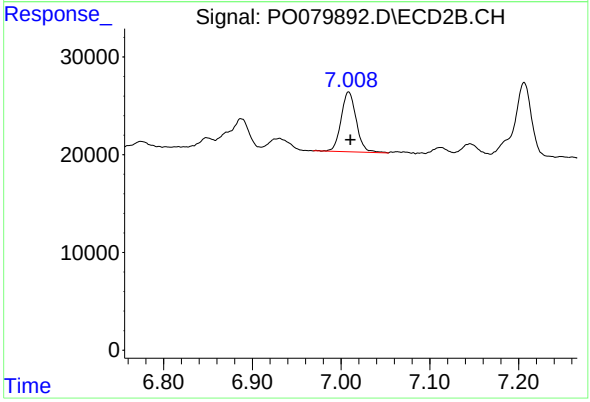
#7 AR-1016-5

R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 38425
Conc: 52.18 ng/ml



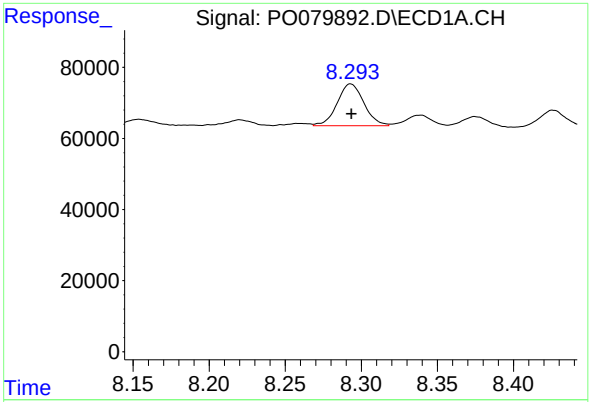
#31 AR-1260-1

R.T.: 8.026 min
Delta R.T.: -0.001 min
Response: 114318
Conc: 46.59 ng/ml



#31 AR-1260-1

R.T.: 7.009 min
Delta R.T.: -0.002 min
Response: 72455
Conc: 55.98 ng/ml

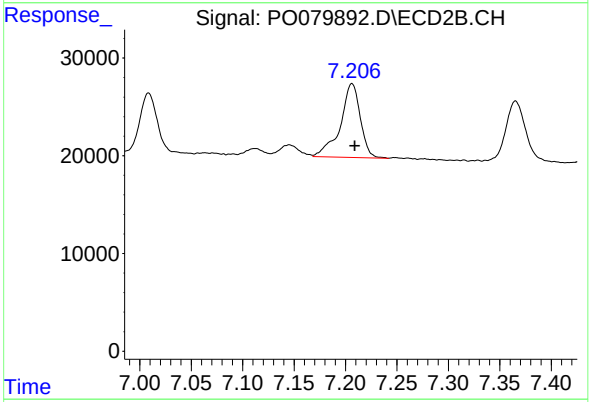


#32 AR-1260-2

R.T.: 8.293 min
Delta R.T.: -0.001 min
Response: 143762
Conc: 46.78 ng/ml m

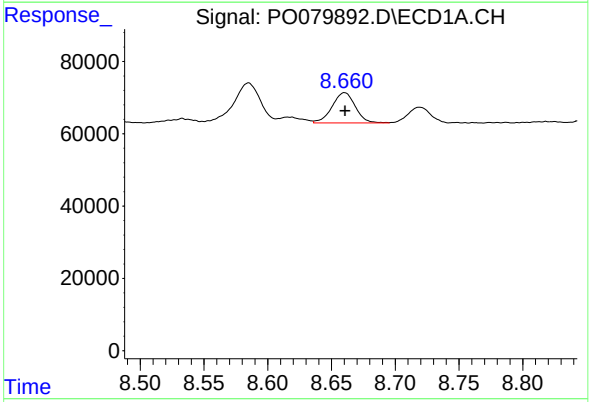
Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/29/2021 1:04:37 PM



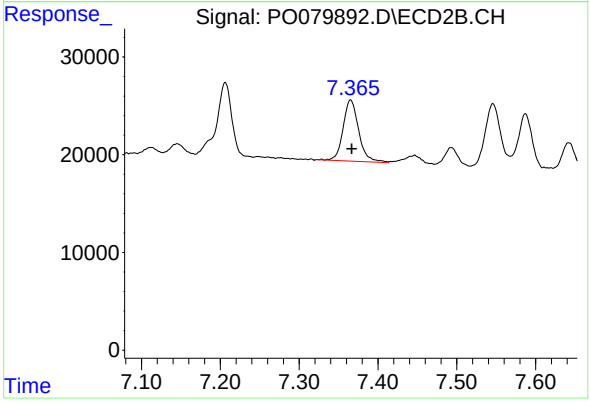
#32 AR-1260-2

R.T.: 7.206 min
Delta R.T.: -0.003 min
Response: 102549
Conc: 67.04 ng/ml



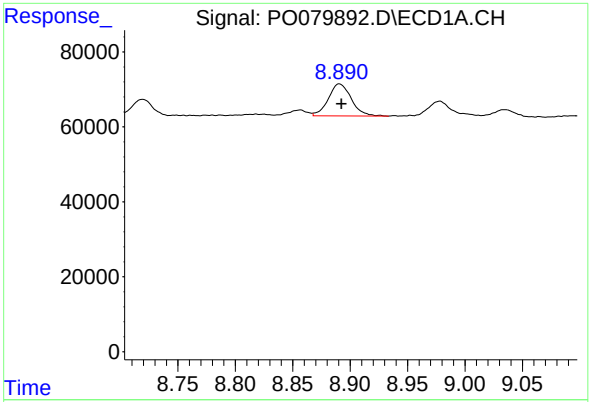
#33 AR-1260-3

R.T.: 8.660 min
Delta R.T.: 0.000 min
Response: 106371
Conc: 47.97 ng/ml



#33 AR-1260-3

R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 86111
Conc: 58.98 ng/ml

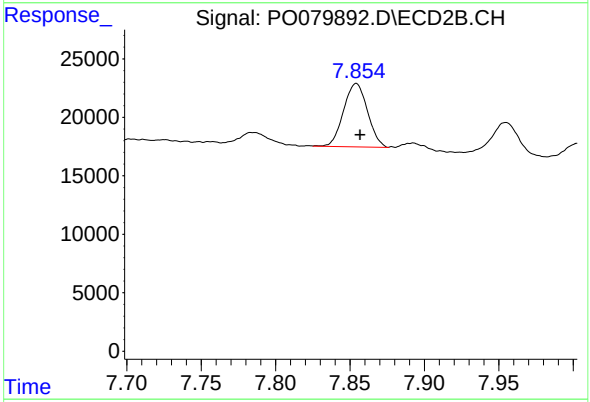


#34 AR-1260-4

R.T.: 8.891 min
Delta R.T.: -0.002 min
Response: 118909
Conc: 46.32 ng/ml

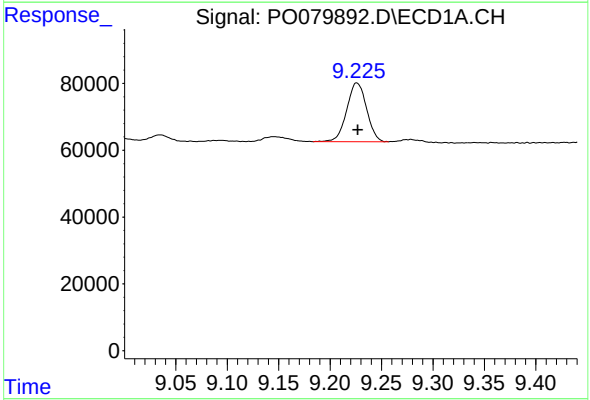
Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/29/2021 1:04:37 PM



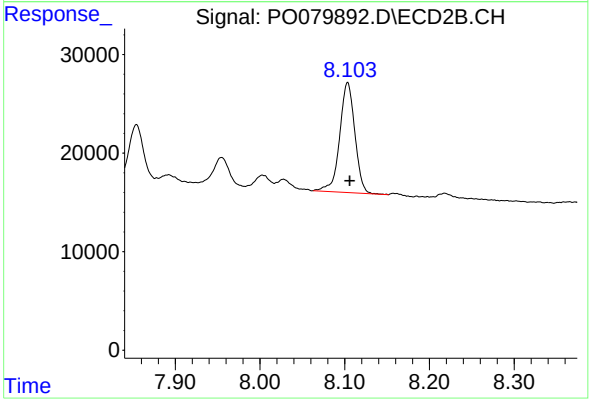
#34 AR-1260-4

R.T.: 7.854 min
Delta R.T.: -0.003 min
Response: 60642
Conc: 51.18 ng/ml



#35 AR-1260-5

R.T.: 9.226 min
Delta R.T.: 0.000 min
Response: 236721
Conc: 46.30 ng/ml



#35 AR-1260-5

R.T.: 8.104 min
Delta R.T.: -0.002 min
Response: 139207
Conc: 52.70 ng/ml