

HPLC Application

ID No.: 18609

Methadone on Kinetex 2.6µm C18 50 x 2.1mm ID with Acquity UPLC MS/MS

Column: Kinetex® 2.6 µm C18 100 Å, LC Column 50 x 2.1 mm, Ea

Dimensions: 50 x 2.1 mm ID

Order No: 00B-4462-AN

Elution Type: Gradient

Eluent A: 0.1% Formic acid in H₂O

Eluent B: 0.1% Formic acid in ACN

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	1	35	65
	3	1.01	5	95
	4	1.5	5	95
	5	1.51	90	10
	6	3	90	10

Flow Rate: 700 µL/min

Col. Temp.: ambient

Detection: Mass Spectrometer (MS) @ amu (110 °C)

Detector Info: ESI+, MRM mode

Methadone - 310.2-265.2 (quantitation) & 310.2-105.1 (qualifier)

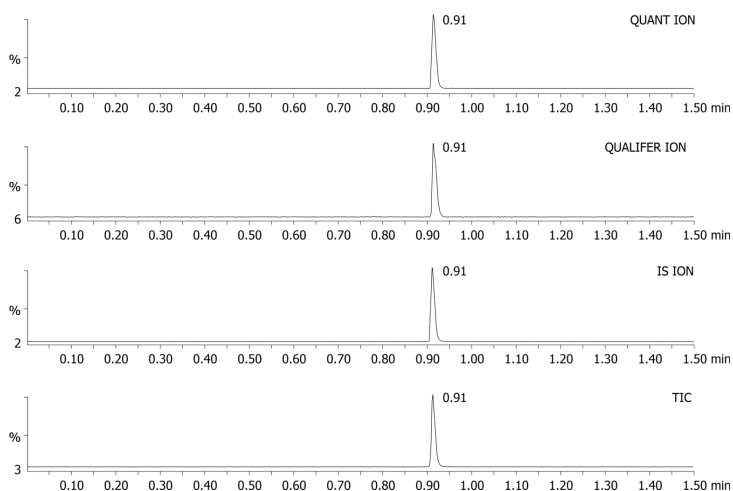
d9-methadone - 319.2-268.2 (internal standard)



Products used in this application:



18609



ANALYTES:

1 Methadone

Retention Time: 0.91 min

2 Methadone-d9

Retention Time: 0.91 min

