

# HPLC Application

ID No.: 18651

## Extraction of Methadone using Strata X-C on Kinetex 2.6µm C18 50 x 2.1mm ID with Acquity UPLC MSMS

**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 H<sub>2</sub>O

**Eluent B:** 0.1% Formic acid in ACN

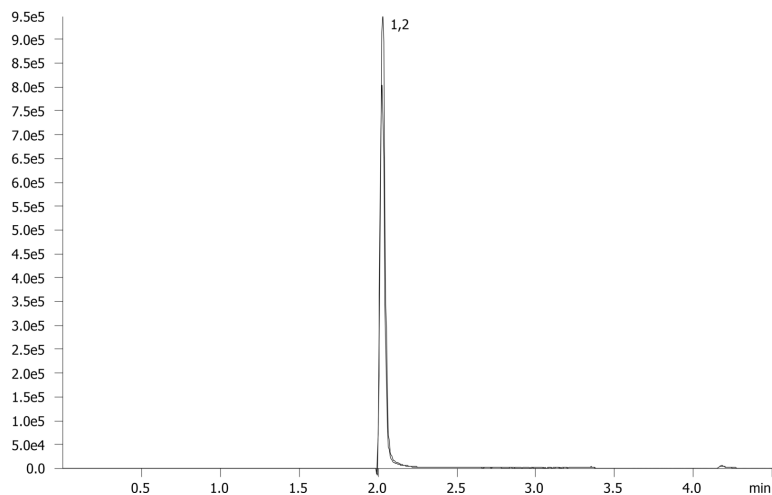
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	1	35	65
	3	1.01	5	95
	4	1.5	5	95
	5	1.51	90	10
	6	3	90	10

**Flow Rate:** 700 µL/min

**Col. Temp.:** ambient

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

18651



### ANALYTES:

**1** Methadone

Retention Time: 0.91 min

**2** Methadone-d<sub>9</sub>

Retention Time: 0.91 min



Products used in this application:

