

# HPLC Application

ID No.: 18607

## 6-MAM on Kinetex 2.6µm C18 50 x 2.1mm ID with Acquity UPLC MS/MS

**Column:** Kinetex<sup>®</sup> 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

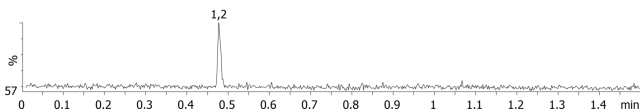
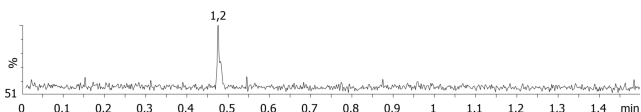
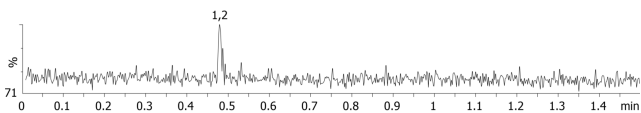
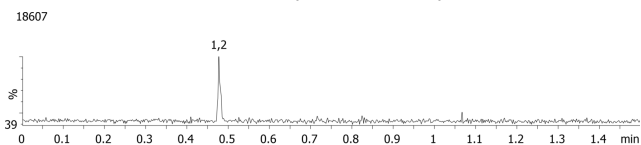
**Col. Temp.:** ambient

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

**Detector Info:** ESI+, MRM mode

6-monoacetylmorphine (6-MAM) - 328.3-152.3 (quantitation) & 328.3-165.3 (qualifier)

d3-6-MAM - 331.3-211.3 (internal standard)



### ANALYTES:

**1** 6-MAM

Retention Time: 0.48 min

**2** 6-MAM-d3

Retention Time: 0.48 min



Products used in this application:

