

# HPLC Application

ID No.: 18621

## 6-MAM, PCP and Methadone on Kinetex 2.6µm C18 50 x 2.1mm ID with Acquity UPLC MS/MS (0.7 mL/min)

**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

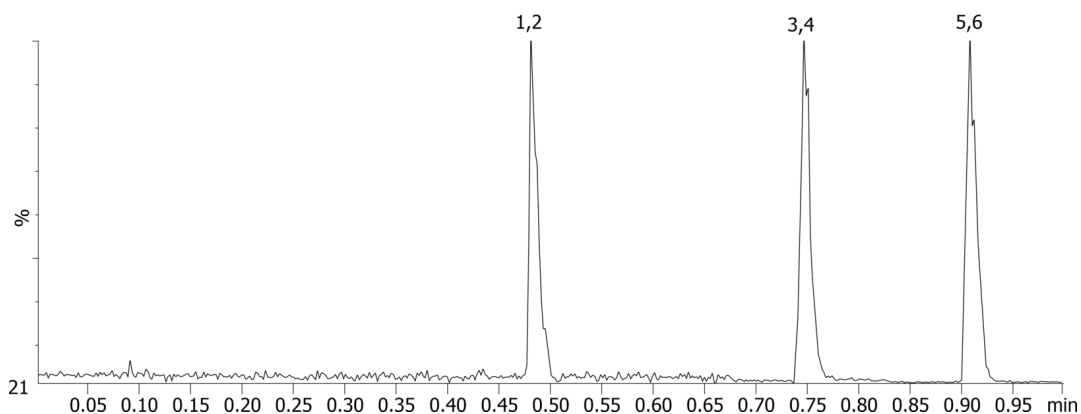
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	1	35	65
	3	1.01	5	95
	4	1.5	5	95
	5	1.51	90	10
	6	2.4	90	10

**Flow Rate:** 700 µL/min

**Col. Temp.:** ambient

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

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Products used in this application:



### ANALYTES:

- 1** 6-MAM  
Retention Time: 0.48 min
- 2** 6-MAM-d3  
Retention Time: 0.48 min
- 3** PCP  
Retention Time: 0.75 min
- 4** PCP-d5  
Retention Time: 0.75 min
- 5** Methadone  
Retention Time: 0.91 min
- 6** Methadone-d9  
Retention Time: 0.91 min

