

HPLC Application

ID No.: 18622

6-MAM, PCP and Methadone on Kinetex 2.6µm C18 50 x 2.1mm ID with Acquity UPLC MS/MS (1 mL/min)

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

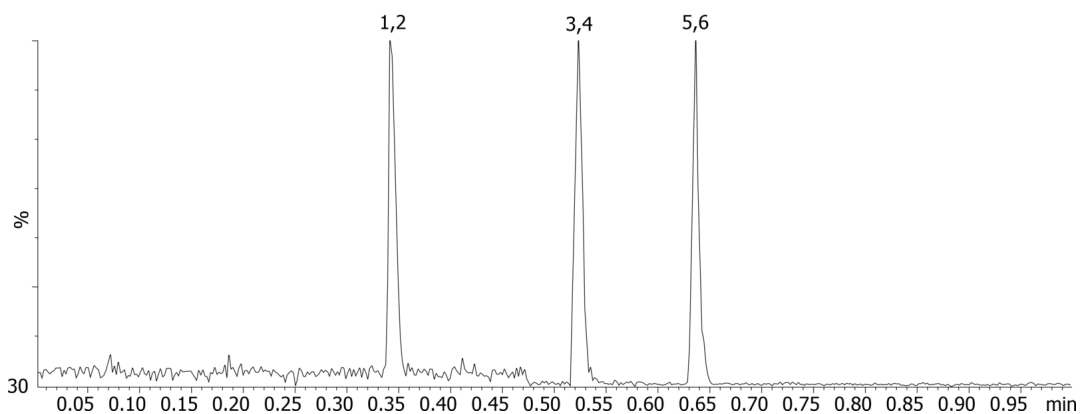
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	1	5	95
	3	1.4	5	95
	4	1.41	5	95
	5	2	90	10

Flow Rate: 1 mL/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: 0.35 min

2 6-MAM-d3

Retention Time: 0.35 min

3 PCP

Retention Time: 0.52 min

4 PCP-d5

Retention Time: 0.52 min

5 Methadone

Retention Time: 0.64 min

6 Methadone-d9

Retention Time: 0.64 min

