

HPLC Application

ID No.: 16344

Morphine and Metabolites on Gemini 5µm C18

Column: Gemini[®] 5 µm C18 110 Å, LC Column 100 x 2 mm, Ea

Dimensions: 100 x 2 mm ID

Order No: 00D-4435-B0

Elution Type: Gradient

Eluent A: Water with 0.1% v/v Formic Acid

Eluent B: Acetonitrile with 0.1% v/v Formic Acid

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	97	3
	2	1	97	3
	3	3	70	30
	4	3.01	97	3
	5	5.5	97	3

Flow Rate: 0.4 mL/min

Col. Temp.: ambient

Detection: Mass Spectrometer (MS) @ amu (ambient)

Detector Info: <a target="_blank"

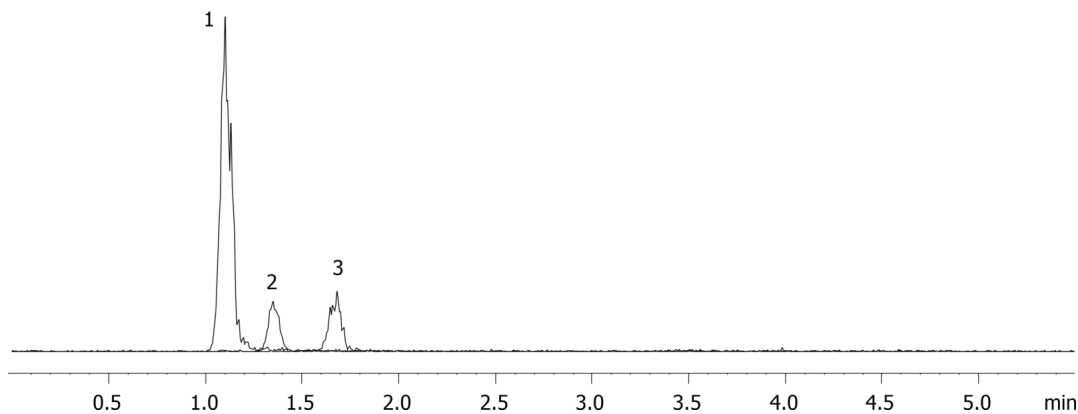
href="https://sciex.com/products/mass-spectrometers?utm_campaign=2019%20application%20search&utm_source=phenomenex&utm_medium=referral"><a

The pH of the aqueous acid is specified.

16344



Products used in this application:



ANALYTES:

1 Morphine-3-beta-D-glucuronide

Retention Time: 1.1 min

2 Normorphine

Retention Time: 1.35 min

3 Morphine

Retention Time: 1.68 min

