

HPLC Application

ID No.: 18882

Morphine and Metabolites on Kinetex 2.6µm HILIC batch #48 50x4.6mm

Column: Kinetex[®] 2.6 µm HILIC 100 Å, LC Column 50 x 4.6 mm, Ea

Dimensions: 50 x 4.6 mm ID

Order No: 00B-4461-E0

Elution Type: Gradient

Eluent A: 90/10 Acetonitrile/100mM Ammonium Formate pH 3.2

Eluent B: 50/50 Acetonitrile/20mM Ammonium Formate pH 3.2

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	100	0
	2	0.22	100	0
	3	2.72	0	100
	4	2.73	100	0
	5	5.22	100	0

Flow Rate: 2 mL/min

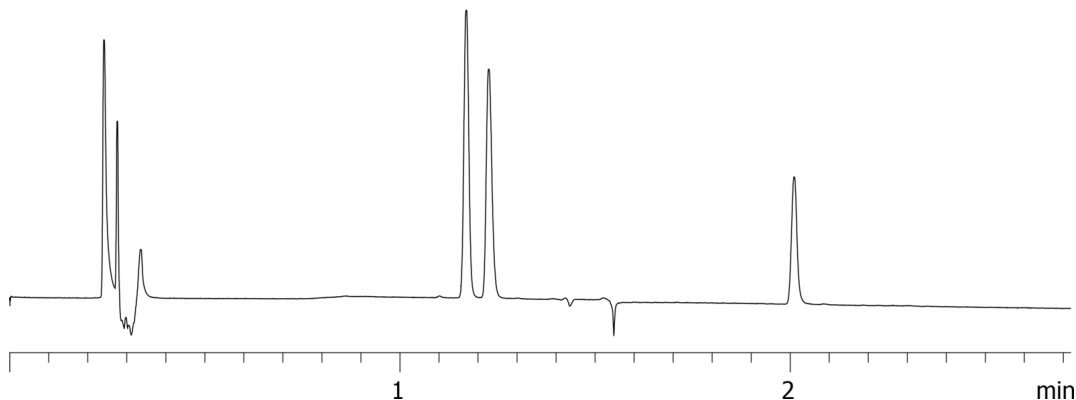
Col. Temp.: ambient

Detection: UV-Vis Abs.-Diode Array (PDA) @ 260 nm (ambient)

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Products used in this application:



ANALYTES:

- 1** Normorphine
Retention Time: 1.17 min
- 2** Morphine
Retention Time: 1.23 min
- 3** Morphine-3-beta-D-glucuronide
Retention Time: 2.01 min

