

HPLC Application

ID No.: 18099

Narcotics 8-mix on Luna 5 µm C18(2) 150 x 4.6

Column: Luna® 5 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4252-E0

Elution Type: Gradient

Eluent A: 10mM NH₄OAc pH5.5

Eluent B: ACN

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	3	95	5
	3	23	60	40

Flow Rate: 1 mL/min

Col. Temp.: 45 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

Detector Info: Agilent 1200; 89 bar back pressure

Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C18 4 x 3.0mm ID, 10/Pk Part No.: AJ0-4287

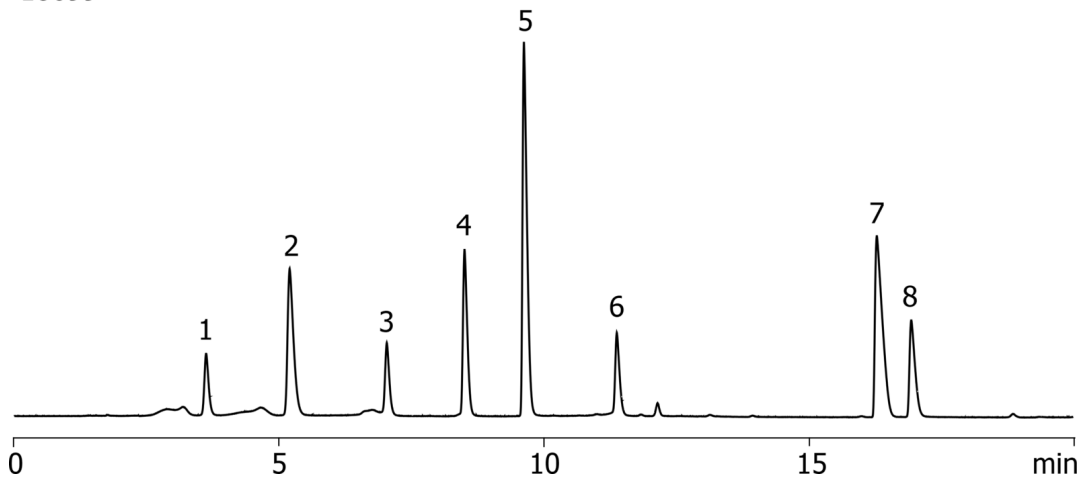
- Holder Part No.: KJ0-4282



Products used in this application:



18099



ANALYTES:

- 1** Normorphine
Retention Time: 3.648 min
- 2** Morphine
Retention Time: 5.222 min
- 3** Hydromorphone
Retention Time: 7.062 min
- 4** Norcodeine
Retention Time: 8.517 min
- 5** Codeine
Retention Time: 9.637 min
- 6** Hydrocodone
Retention Time: 11.386 min
- 7** Cocaine
Retention Time: 16.28 min
- 8** Norcocaine
Retention Time: 16.93 min

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