

HPLC Application

ID No.: 14547

Cocaine and Metabolites on Luna SCX

Column: Luna® 5 µm SCX 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4398-E0

Elution Type: Isocratic

Eluent A: 50mM KH₂PO₄, pH 2.5

Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	65	35

Flow Rate: 2 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 210 nm (ambient)

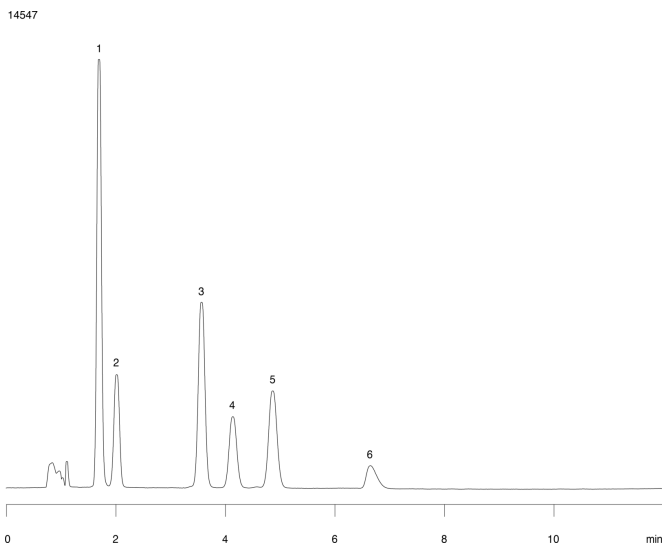
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, SCX 4 x 3.0mm, 10/Pk Part No.: AJ0-4308

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

- 1 m-Hydroxybenzoylecgonine
- 2 Norbenzoyl ecgonine
- 3 Norcocaine
- 4 Benzoyl ecgonine isopropyl ester
- 5 Cocaine
- 6 Ecgonine methyl ester

