

# HPLC Application

ID No.: 17192

## Extraction of Amphetamines on Strata-X-C

**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:** 20 mM KH<sub>2</sub>PO<sub>4</sub>

**Eluent B:** ACN

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	7	75	25

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Fixed Wave. (UV) @ 214 nm (ambient)

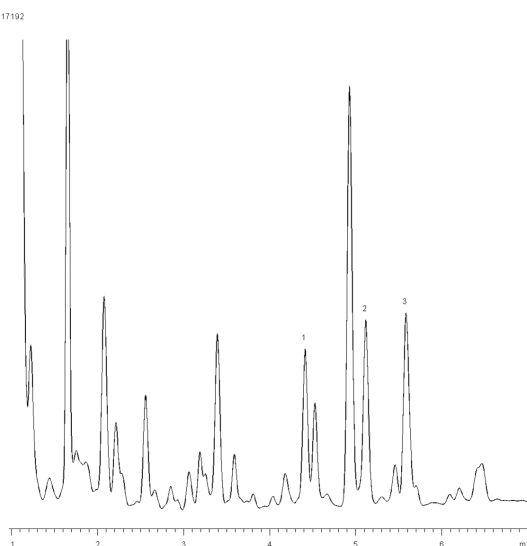
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1 Ephedrine
- 2 Amphetamine
- 3 Methamphetamine