

# HPLC Application

ID No.: 1026

## Echinacea (Echinacea angustifolia)

**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:** Isocratic

**Eluent A:** Acetonitrile/water, 0.1% phosphoric Acid (10:90)

**Eluent B:** Acetonitrile/water, 0.1% phosphoric Acid (25:75)

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	50	50

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** ambient

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

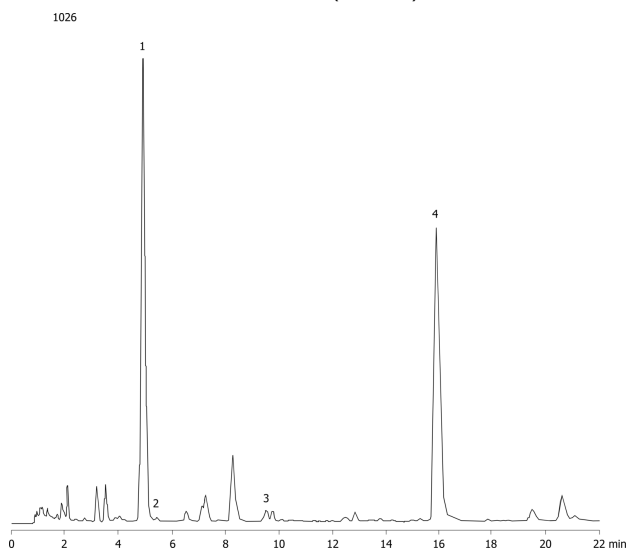
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282 (rev 0902)



Products used in this application:



### ANALYTES:

- 1 Caffeic acid
- 2 Chlorogenic acid
- 3 Echinacoside
- 4 Cichoric acid

