

# HPLC Application

ID No.: 1076

## Cayenne (Oleoresin capsicum)

**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:** Acetonitrile/water (35:65)

**Eluent B:** Acetonitrile/water (60:40)

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	1	100	0
	2	30	0	100

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** 25 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 227 nm (ambient)

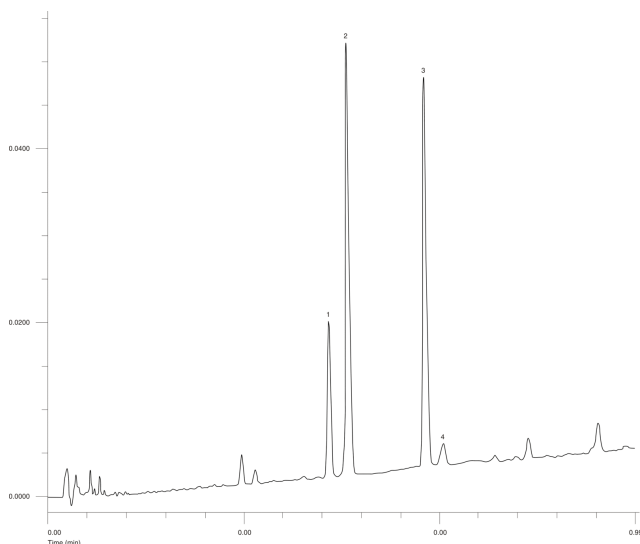
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- 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 Nordihydrocapsaicin
- 2 Capsaicin
- 3 Dihydrocapsaicin
- 4 Homocapsaicin

