

# HPLC Application

ID No.: 14435

## Protopin in Fumitory (Earthsmoke)

**Column:** Luna® 3 µm C18(2) 100 Å, LC Column 75 x 4.6 mm, Ea

**Dimensions:** 75 x 4.6 mm ID

**Order No:** 00C-4251-E0

**Elution Type:** Gradient

**Eluent A:** 0.005M octanesulfonic acid in water

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	79	21
	2	14	76	24
	3	20	71	29
	4	30	63	37
	5	40	51	49
	6	45	51	49
	7	47	79	21
	8	65	79	21

**Flow Rate:** 0.8 mL/min

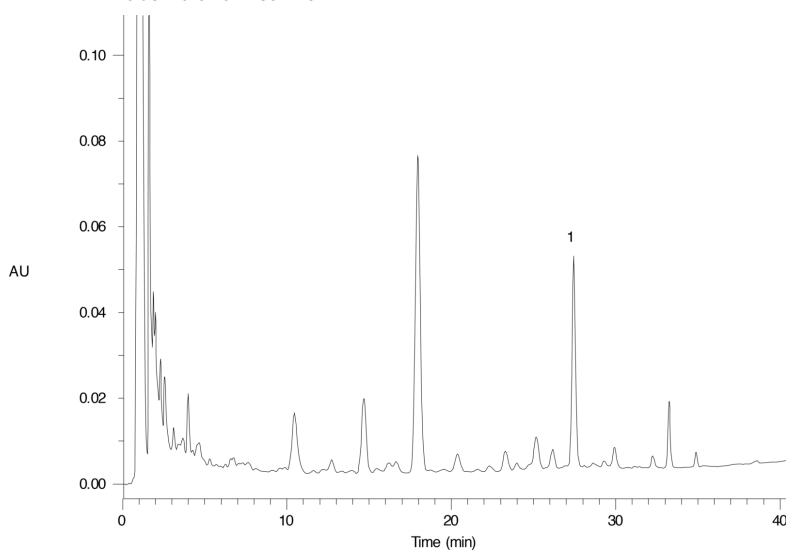
**Col. Temp.:** 25 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 203 nm (25 °C)

**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



### ANALYTES:

1 Protopin



Products used in this application:

