

# HPLC Application

ID No.: 1188

## Quinones

**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:** Isocratic

**Eluent A:** Methanol

**Eluent B:** Water

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	89	11

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 251 nm (ambient)

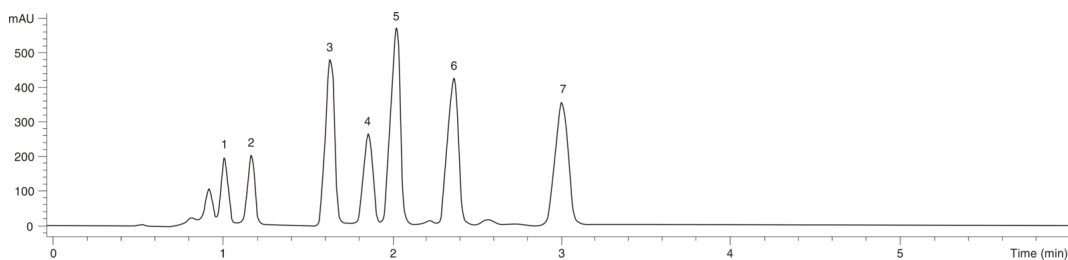
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- 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 1,4-Naphthoquinone
- 2 Vitamin K3
- 3 9,10-Anthroquinone
- 4 1,5-Dichloro-9,10-anthraquinone
- 5 2-Methyl-9,10-anthroquinone
- 6 2-Ethyl-9,10-anthroquinone
- 7 2-tert-Butyl-9,10-anthroquinone

