

# HPLC Application

ID No.: 3471

## Phthalate Esters

**Column:** Luna<sup>®</sup> 5  $\mu$ m CN 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4255-E0

**Elution Type:** Isocratic

**Eluent A:** Hexane

**Eluent B:** Methylene chloride/methanol (80:20)

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	99	1

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

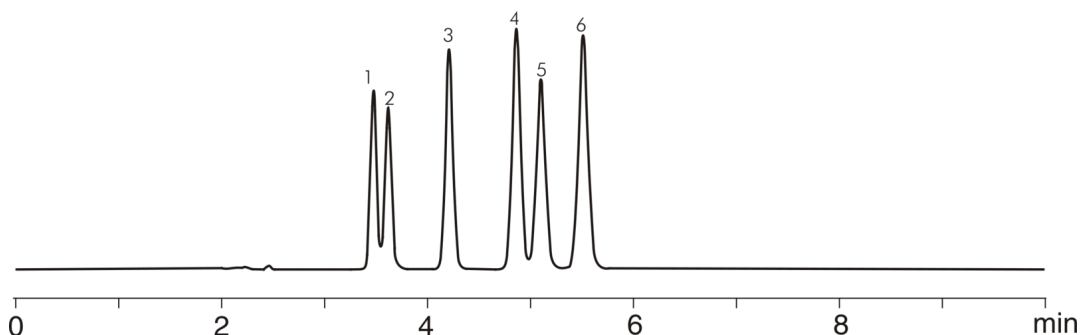
**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, CN 4 x 3.0mm, 10/Pk Part No.: AJ0-4305

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1 Di-n-octyl phthalate
- 2 Bis(2-Ethylhexyl)phthalate
- 3 Butylbenzyl phthalate
- 4 Di-n-butyl phthalate
- 5 Diethyl phthalate
- 6 Dimethyl phthalate

