

## Mobile phases pH vs Selectivity in RP HPLC

**Column:** Gemini® 5 µm C18 110 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4435-E0

**Elution Type:** Isocratic

**Eluent A:** Acetonitrile

**Eluent B:** buffers at various pH's (see chromatograms)

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

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 230 nm (ambient)

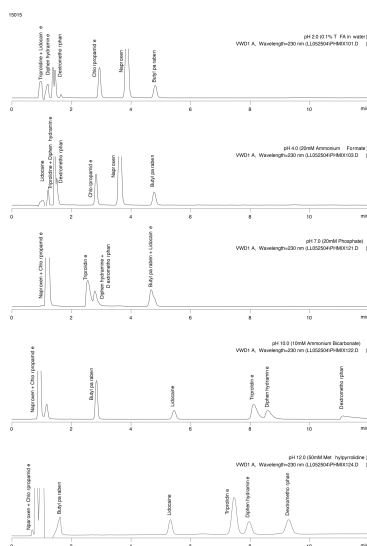
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Gemini C18 4 x 3.0mm, 10/Pk Part No.: AJ0-7597

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1 Butyl paraben
- 2 Naproxen
- 3 Chlorpropamide
- 4 Triprolidine
- 5 Lidocaine
- 6 Diphenhydramine
- 7 Dextromethorphan

