

# HPLC Application

ID No.: 14659

## Benzodiazepams on Hyperclone 5u C18

**Column:** HyperClone™ 5 µm ODS (C18) 120 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4361-E0

**Elution Type:** Isocratic

**Eluent A:** 20mM KH<sub>2</sub>PO<sub>4</sub>, pH=3.00, 400ul/L Triethylamine

**Eluent B:** CH<sub>3</sub>CN

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	63	37

**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.

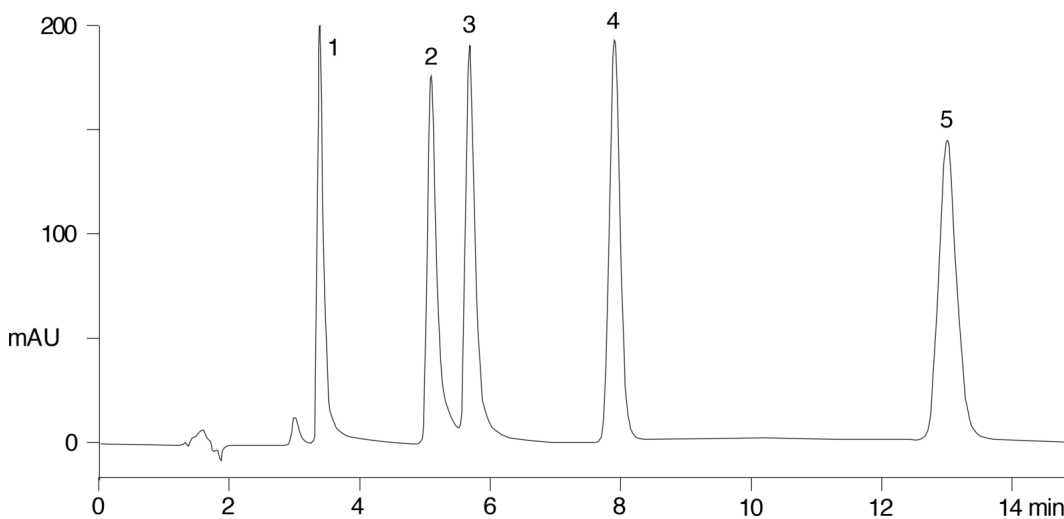
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

**HyperClone™**



### ANALYTES:

- 1 Bromazepam
- 2 Lorazepam
- 3 Oxazepam
- 4 Flunitrazepam
- 5 Diazepam

