

## Diazepam and related compounds on Synergi Polar-RP in Acetonitrile

**Column:** Synergi™ 4 µm Polar-RP 80 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4336-E0

**Elution Type:** Isocratic

**Eluent A:** Acetonitrile

**Eluent B:** 20mM Potassium phosphate pH 2.5

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	45	55

**Flow Rate:** 1.5 mL/min

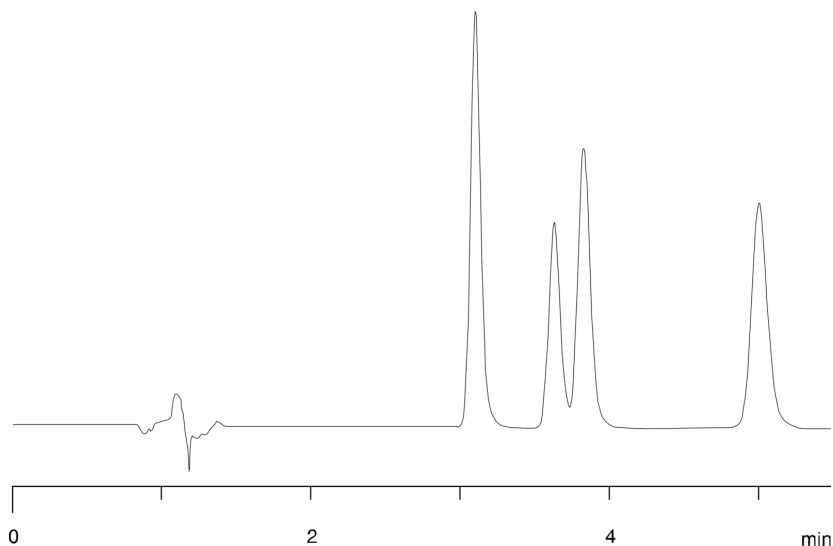
**Col. Temp.:** 30 °C

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

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

- SecurityGuard Cartridges, POLAR-RP 4 x 3.0mm, 10/Pk Part No.: AJ0-6076

- Holder Part No.: KJ0-4282



### ANALYTES:

- 1 Desmethyldiazepam
- 2 Clonazepam
- 3 Temazepam
- 4 Diazepam

