

## Extraction of Diazepam on Strata™ X

**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:** Gradient

**Eluent A:** 20 mM KH<sub>2</sub>PO<sub>4</sub> (pH=2.5)

**Eluent B:** MeOH

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	75	25
	2	3	75	25
	3	8	30	70
	4	11	30	70
	5	14	75	25

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** ambient

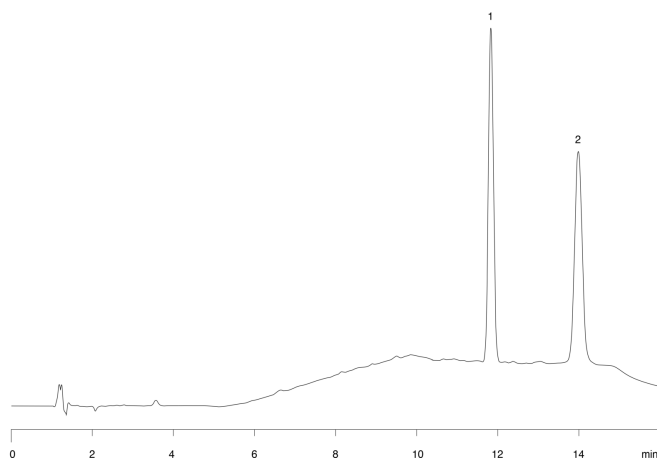
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

**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

14618



### ANALYTES:

- 1 Desmethyldiazepam
- 2 Diazepam

