

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 KH₂PO₄ (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

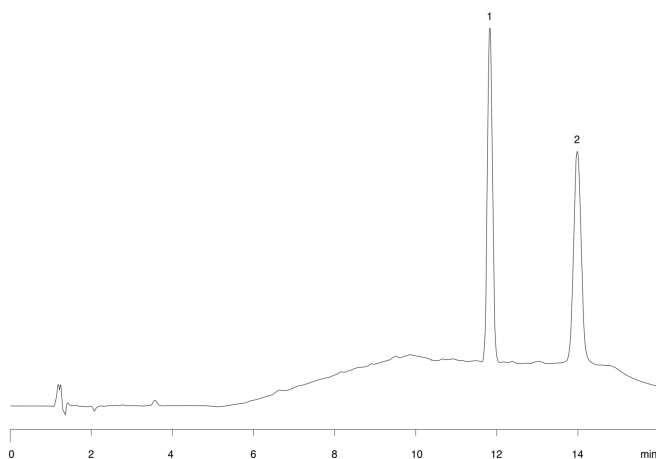
Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

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

