

## Extraction of Barbiturates from Urine on Strata™ X

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

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4337-E0

**Elution Type:** Gradient

**Eluent A:** 20 mM KH<sub>2</sub>PO<sub>4</sub>, pH 7.0

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20
	2	3	80	20
	3	15	50	50
	4	16	80	20

**Flow Rate:** 1 mL/min

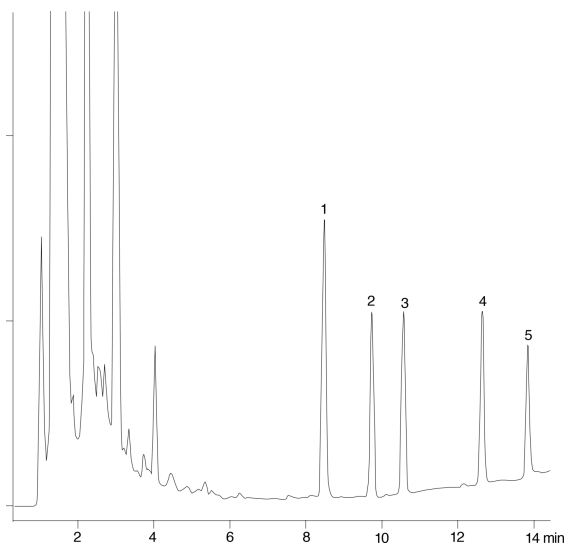
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Fixed Wave. (UV) @ 210 nm (ambient)

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

- SecurityGuard Cartridges, C12 4 x 3.0mm, 10/Pk Part No.: AJ0-6074

- Holder Part No.: KJ0-4282



### ANALYTES:

- 1 Phenobarbital
- 2 Butabarbital
- 3 Butalbital
- 4 Amobarbital
- 5 Secobarbital

