

# HPLC Application

ID No.: 14251

## Opiates on Synergi Hydro-RP

**Column:** Synergi<sup>™</sup> 4  $\mu$ m Hydro-RP 80  $\text{\AA}$ , LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4375-E0

**Elution Type:** Gradient

**Eluent A:** 20mM Potassium dihydrogen phosphate

**Eluent B:** Acetonitrile

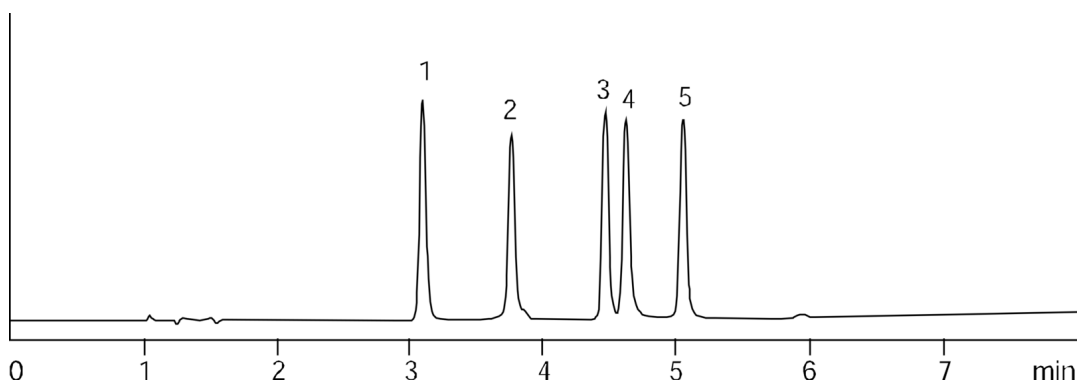
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	15	65	35

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** ambient

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

**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.  
- SecurityGuard Cartridges, AQ C18 4 x 3.0mm, 10/Pk Part No.: AJ0-7511  
- Holder Part No.: KJ0-4282



### ANALYTES:

- 1 Morphine
- 2 Hydropmorphone
- 3 Codeine
- 4 Nalorphine
- 5 Oxycodone

