

## Morphine and Metabolites on Synergi Polar-RP (direct injection after PPT)

**Column:** Synergi™ 4 µm Polar-RP 80 Å, LC Column 100 x 2 mm, Ea

**Dimensions:** 100 x 2 mm ID

**Order No:** 00D-4336-B0

**Elution Type:** Gradient

**Eluent A:** 0.1% Formic Acid in Water

**Eluent B:** 0.1% Formic Acid in Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	97	3
	2	2	97	3
	3	4.8	50	50



**Flow Rate:** 0.4 mL/min

**Col. Temp.:** ambient

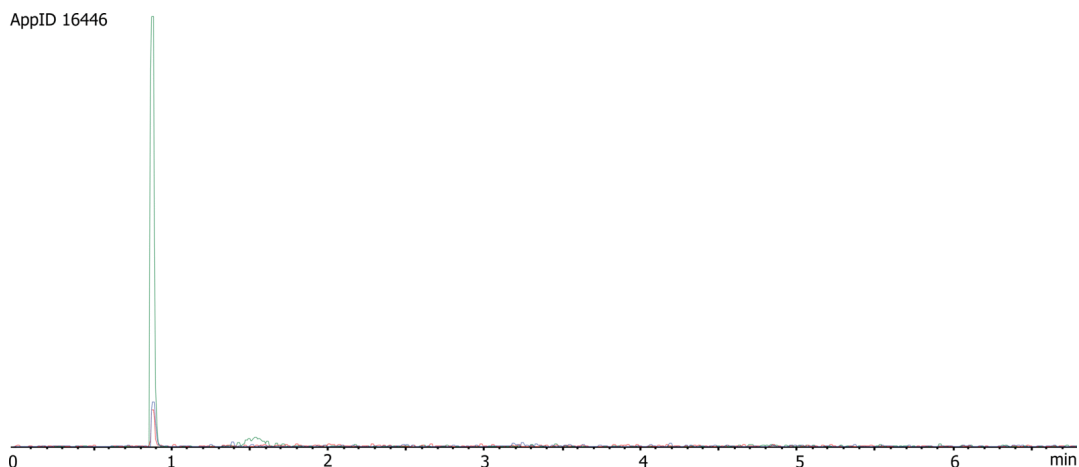
**Detection:** Mass Spectrometer (MS) @ amu (ambient)

**Detector Info:** following 5:1 Acetonitrile/Water PPT, direct injection

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

- SecurityGuard Cartridges, POLAR-RP 4 x 2.0mm, 10/Pk Part No.: AJ0-6075

- Holder Part No.: KJ0-4282



### ANALYTES:

- 1 Morphine
- 2 Normorphine
- 3 Morphine-3-beta-D-glucuronide

