

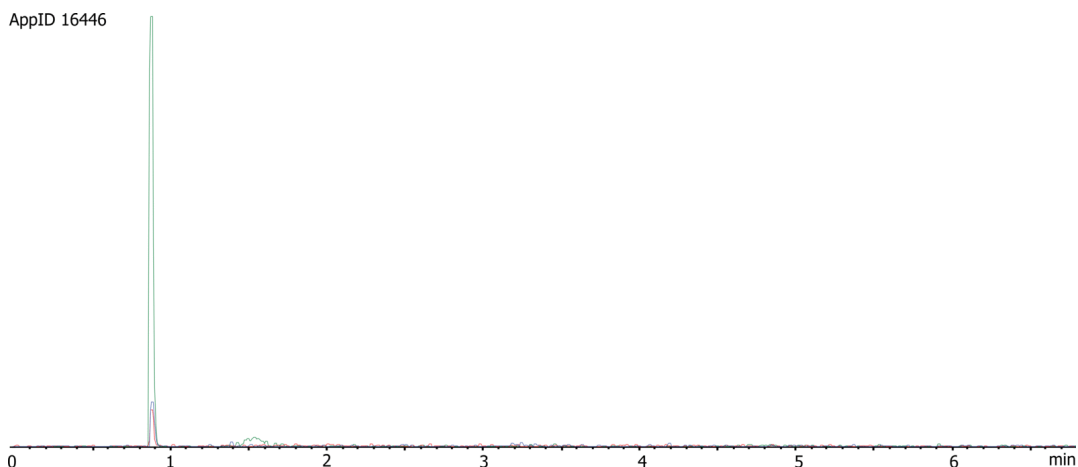
Morphine and Metabolites on Synergi Polar-RP (direct injection after PPT)**Column:** SynergiTM 4 μ m Polar-RP 80 Å, LC Column 100 x 2 mm, Ea**Dimensions:** 100 x 2 mm ID**Order No:** 00D-4336-B0**Elution Type:** Gradient**Eluent A:** 0.1% Formic Acid in Water**Eluent B:** 0.1% Formic Acid in Acetonitrile

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:** SecurityGuardTM 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

