

## THC and Metabolite in Plasma by LC/MS/MS on Gemini C18 5µm 50 x 3.0

**Column:** Gemini® 3 µm C18 110 Å, LC Column 50 x 3 mm, Ea

**Dimensions:** 50 x 3 mm ID

**Order No:** 00B-4439-Y0

**Elution Type:** Gradient

**Eluent A:** 10mM NH<sub>4</sub>HCO<sub>3</sub> (pH 10)

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0.1	85	15
	2	3	5	95
	3	3.5	5	95
	4	3.6	85	15
	5	4.1	85	15

**Flow Rate:** 0.8 mL/min

**Col. Temp.:** ambient

**Detection:** Mass Spectrometer (MS) @ amu (450 °C)

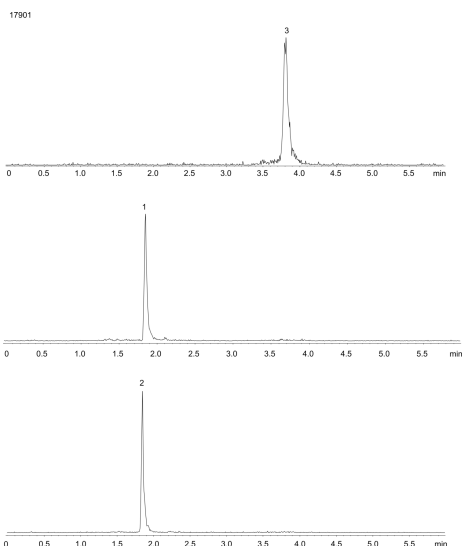
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Gemini C18 4 x 2.0mm, 10/Pk Part No.: AJ0-7596

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1 11-nor-9-Carboxy-THC (THC-COOH)
- 2 delta-9-tetrahydrocannabinol-d3 (THC)
- 3 delta-9-tetrahydrocannabinol (THC)

