

# HPLC Application

ID No.: 1278

## Nicotine and Cotinine in Human Plasma

**Column:** Luna® 3 µm Phenyl-Hexyl 100 Å, LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** 00B-4256-E0

**Elution Type:** Isocratic

**Eluent A:** Methanol

**Eluent B:** 10mM Ammonium Acetate

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

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

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

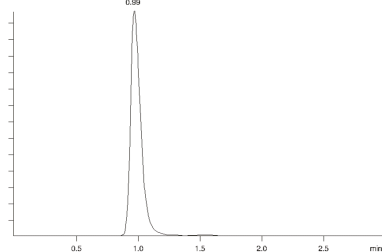
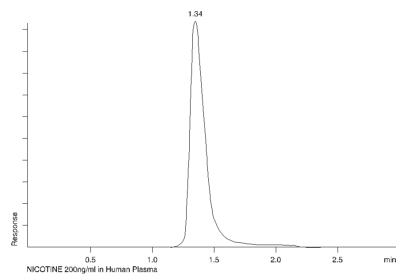
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Phenyl 4 x 3.0mm, 10/Pk Part No.: AJ0-4351

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

1 Nicotine

Retention Time: 1.34 min

2 Cotinine

Retention Time: 0.99 min

