

# HPLC Application

ID No.: 18186

## Prodigy Test Mix on Gemini-NX 3µm C18 150 x 4.6mm ID

**Column:** Gemini<sup>®</sup> 3 µm NX-C18 110 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4453-E0

**Elution Type:** Isocratic

**Eluent A:** water

**Eluent B:** acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	30	70

**Flow Rate:** 1.8 mL/min

**Col. Temp.:** 25 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

**Detector Info:** Agilent 1100. Naphthalene N = 19099, Asym = 0.76

**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

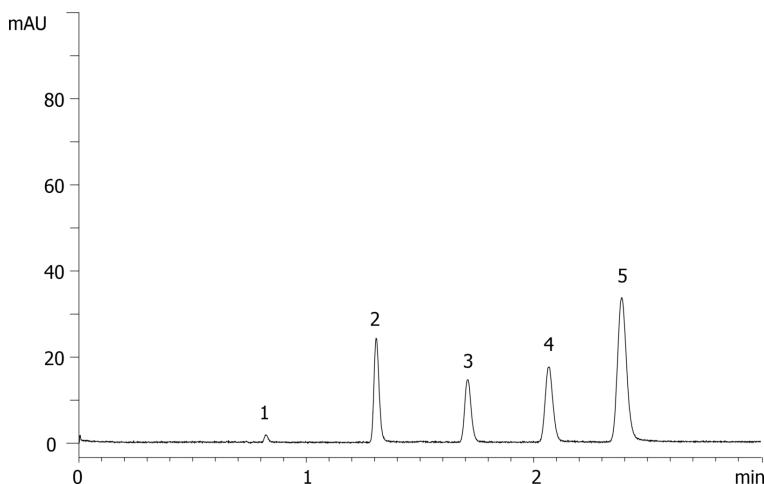
- SecurityGuard Cartridges, Gemini-NX C18 4 x 3.0mm, 10/Pk Part No.: AJ0-8368

- Holder Part No.: KJ0-4282

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Products used in this application:



### ANALYTES:

**1** Uracil

Retention Time: 0.823 min

**2** Acetophenone

Retention Time: 1.307 min

**3** Benzene

Retention Time: 1.709 min

**4** Toluene

Retention Time: 2.066 min

**5** Naphthalene

Retention Time: 2.387 min

