

## Amphetamines in Urine by LC/MS/MS on Gemini 5µm C18 150 x 3.0

**Column:** Gemini® 5 µm C18 110 Å, LC Column 150 x 3 mm, Ea

**Dimensions:** 150 x 3 mm ID

**Order No:** 00F-4435-Y0

**Elution Type:** Isocratic

**Eluent A:** 10mM Ammonium formate w/0.1% formic acid

**Eluent B:** Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
| 1                 | 0        | 90         | 10    |       |

**Flow Rate:** 0.6 mL/min

**Col. Temp.:** ambient

**Detection:** Refractive Index @ 0.0000000000 (450 °C)

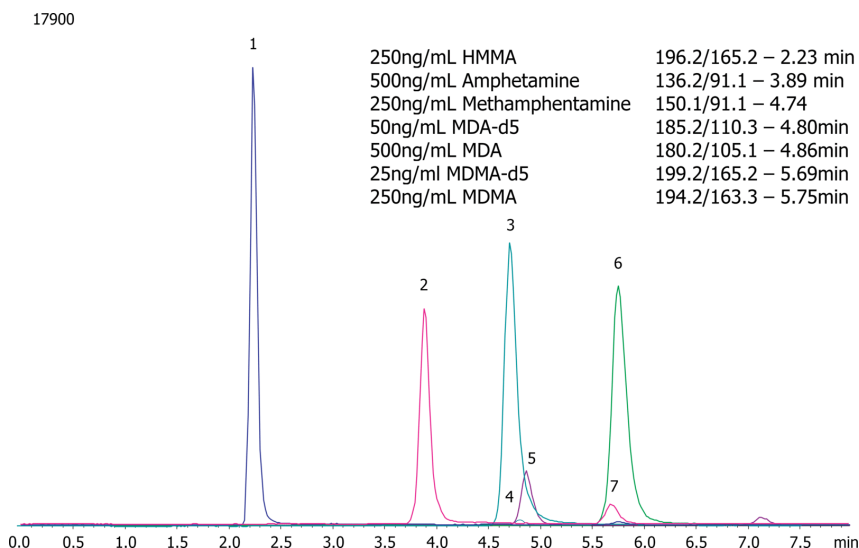
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- 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:

- 4-Hydroxy-3-methoxymethamphetamine**  
Retention Time: 2.24 min
- Amphetamine**  
Retention Time: 3.86 min
- Methamphetamine**  
Retention Time: 4.71 min
- 3,4-Methylenedioxyamphetamine (MDA)-d5**  
Retention Time: 4.79 min
- 3,4-Methylenedioxyamphetamine (MDA)**  
Retention Time: 4.85 min
- 3,4-Methylenedioxyamphetamine-d5 (MDMA)-d5**  
Retention Time: 5.72 min
- 3,4-Methylenedioxyamphetamine (MDMA)**  
Retention Time: 5.79 min

