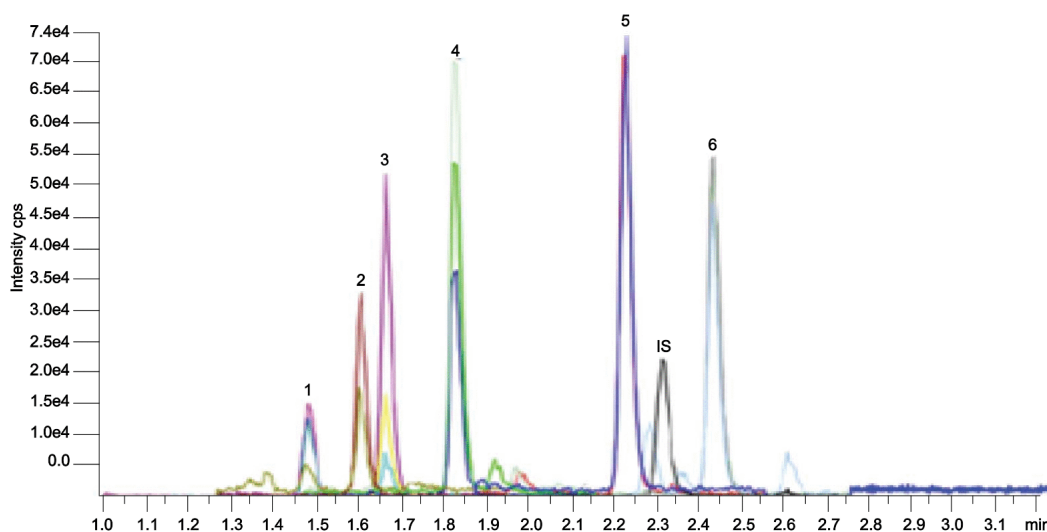


Identification and Quantification of Designer Drugs in Urine by LC-MS/MS**Column:** Kinetex® 2.6 µm C18 100 Å, LC Column 150 x 3 mm, Ea**Dimensions:** 150 x 3 mm ID**Order No:** 00F-4462-Y0**Elution Type:** Gradient**Eluent A:** Ammonium formate in water**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	6	5	95
	3	6.2	5	95
	4	8	95	5

Flow Rate: 0.5 mL/min**Col. Temp.:** 50 °C**Detection:** LC/MS/MS @ (ambient)**Analyst Note:** To 20 µL urine, add 50 µL internal standard (D5-PCP in acetonitrile). Vortex then centrifuge for 10 min at 15,000 rpm.

Dilute supernatant with 930 µL Mobile Phase A. Mix and transfer to an autosampler vial for injection.

**Products used in this application:****ANALYTES:**

- 1 Dehydronorketamine
- 2 Norketamine
- 3 Ketamine
- 4 Methoxetamine
- 5 3-MeO-PCE
- 6 3-MeO-PCP

