HPLC Application

ID No.: **25865**

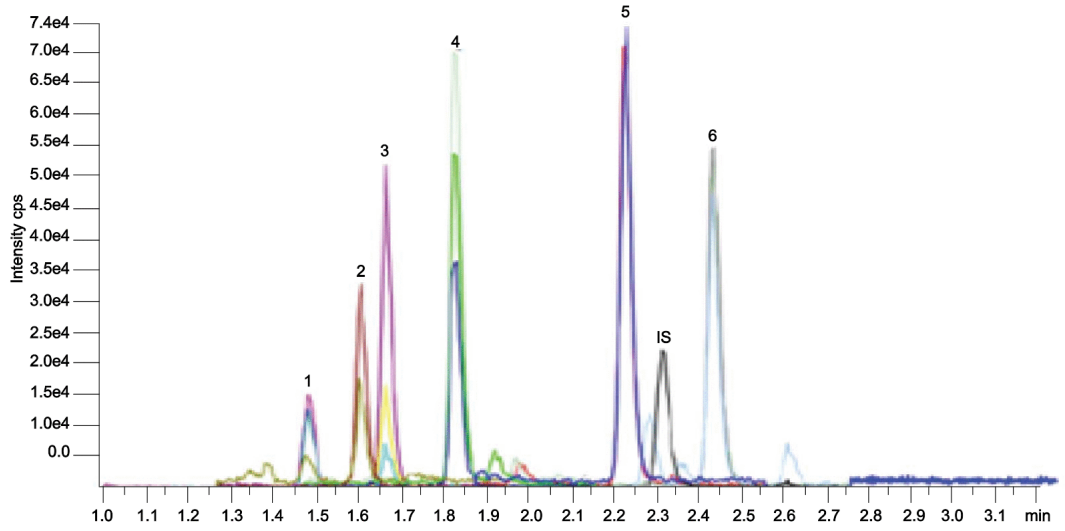
Identification and Quantification of Designer Drugs in Urine by LC-MS/MS

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:

KINETEX®

ANALYTES:

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

For more information contact your Phenomenex Representative at support@phenomenex.com

Phenomenex products are available worldwide.