

# HPLC Application

ID No.: 19492

## Amphetamines by LC/MS/MS using a Kinetex XB-C18 2.6µm, 50x2.1mm

**Column:** Kinetex® 2.6 µm XB-C18 100 Å, LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4496-AN

**Elution Type:** Gradient

**Eluent A:** 5mM Ammonium formate with 0.1% FA

**Eluent B:** Methanol with 0.1% FA

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	1	30	70
	3	3	30	70
	4	3	30	70

**Flow Rate:** 400 µL/min

**Col. Temp.:** ambient

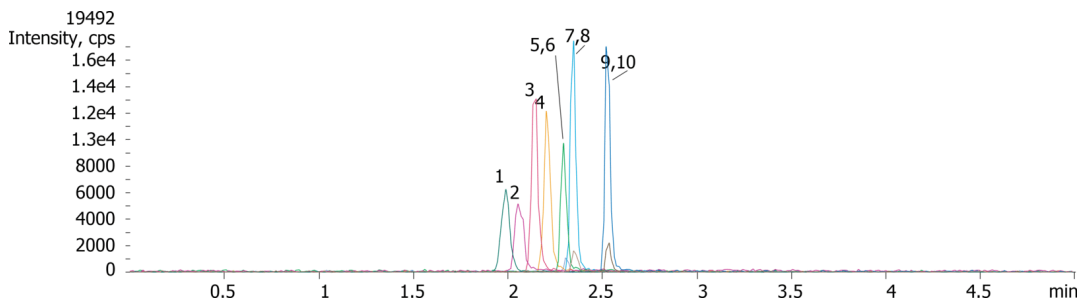
**Detection:** Mass Spectrometer (MS) @ amu (ambient)

**Detector Info:** <a target="\_blank"

**Analyst Note:** href="https://sciex.com/products/mass-spectrometers?utm\_campaign=2019%20application%20search&utm\_source=phenomenex&utm\_medium=referral">SCIEX<br>SecurityGuard™ ULTRA Guard Cartridge System extends column lifetime.

- SecurityGuard ULTRA Cartridges, UHPLC C18 for 2.1mm ID Columns, 3/Pk Part No.: AJ0-8782

- Holder Part No.: AJ0-9000



Products used in this application:



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### ANALYTES:

- 1 Amphetamine-d11
- 2 Amphetamine
- 3 Methamphetamine-d14
- 4 Methamphetamine
- 5 MDA-d5
- 6 MDA
- 7 MDMA-d5
- 8 MDMA
- 9 MDEA-d5
- 10 MDEA

