

# HPLC Application

ID No.: 19491

## Amphetamines by LC/MS/MS using a Kinetex C8 2.6µm, 50x2.1mm

**Column:** Kinetex® 2.6 µm C8 100 Å, LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4497-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)

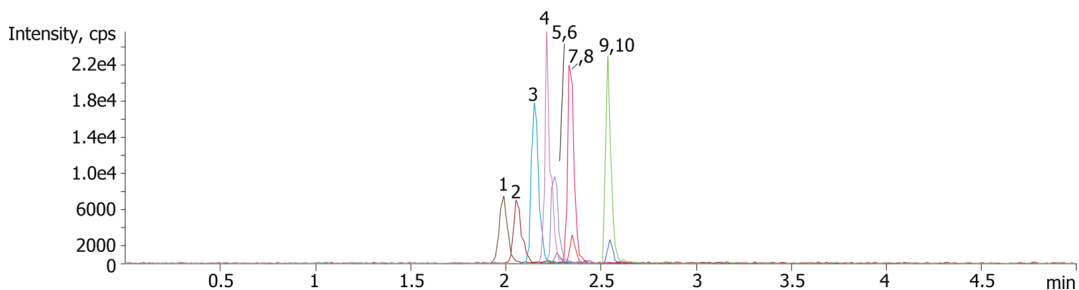
**Detector Info:** <a target="\_blank"

**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 C8 for 2.1mm ID Columns, 3/Pk Part No.: AJ0-8784

- Holder Part No.: AJ0-9000

19491



Products used in this application:



## Amphetamines by LC/MS/MS using a Kinetex C8 2.6 $\mu$ m, 50x2.1mm

### 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

