

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"

href="https://sciex.com/products/mass-spectrometers?utm_campaign=2019%20application%20search&utm_source=phenomenex&utm_medium=referral">SCIEX<

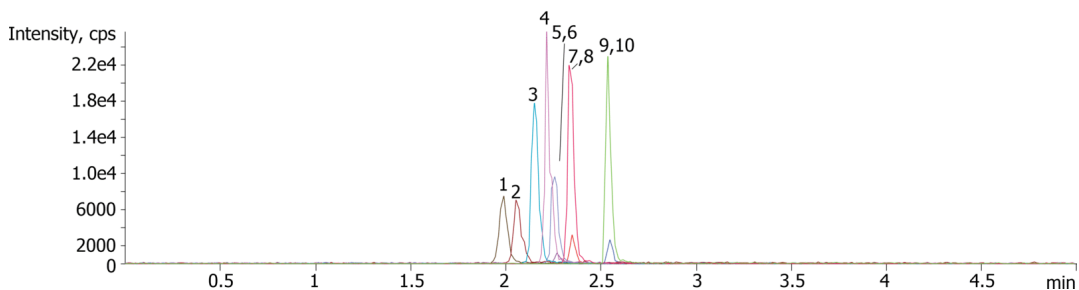
Analyst Note:

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 μ 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

