

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

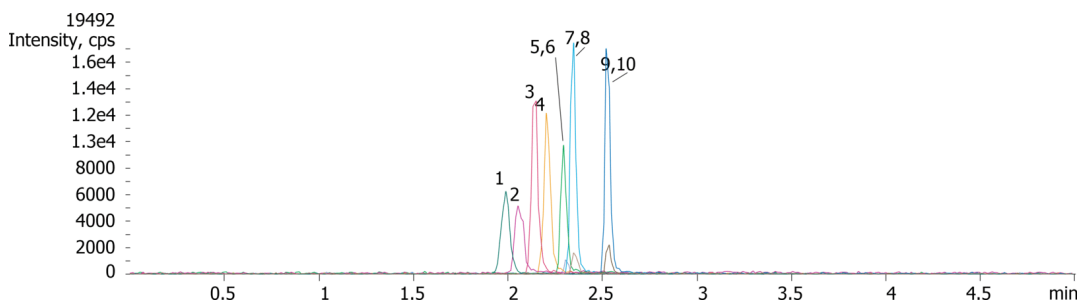
Detection: Mass Spectrometer (MS) @ amu (ambient)

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
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

