

# HPLC Application

ID No.: 18847

## Extraction of Expanded Amphetamines Using Strata X-C on Kinetex 2.6 $\mu$ m C18 50 x 2.1mm ID by LCMS

**Column:** Kinetex<sup>®</sup> 2.6  $\mu$ m C18 100 Å, LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4462-AN

**Elution Type:** Gradient

**Eluent A:** 0.1%FA-5mM ammonium acetate in H<sub>2</sub>O

**Eluent B:** 0.1%FA-5mM ammonium acetate in Methanol

<b>Gradient Profile:</b>	<b>Step No.</b>	<b>Time (min)</b>	<b>Pct A</b>	<b>Pct B</b>
	<b>1</b>	0	90	10
	<b>2</b>	3	60	40
	<b>3</b>	3.02	5	95
	<b>4</b>	3.3	5	95
	<b>5</b>	3.31	90	10
	<b>6</b>	5.1	90	10

**Flow Rate:** 450  $\mu$ L/min

**Col. Temp.:** ambient

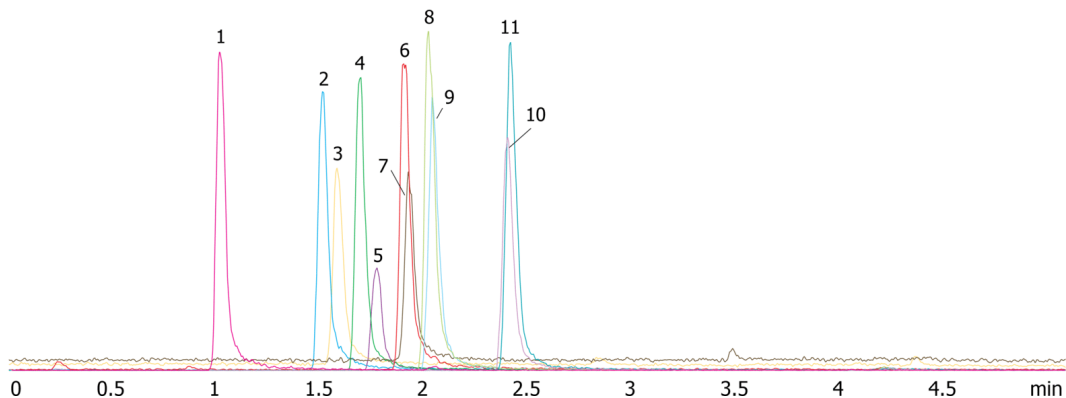
**Detection:** Mass Spectrometer (MS) @ amu (ambient)

**Detector Info:** ESI conditions

Positive Ionization

NEB:	12.00
CUR:	11.00
IS:	4500.00
TEM:	450.00
CAD:	11.00
EP:	10.00

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Products used in this application:



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### ANALYTES:

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

