

# HPLC Application

ID No.: 18845

## Extraction of Amphetamines-NIDA5 Using Strata X-C on Kinetex 2.6µm C18 50 x 2.1mm by LCMS

**Column:** Kinetex® 2.6 µm 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 NH4Ac in H2O

**Eluent B:** 0.1%FA-5mM NH4Ac in Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	1	80	20
	3	3	70	30
	4	3.01	5	95
	5	3.3	5	95
	6	3.31	90	10
	7	5.1	90	10

**Flow Rate:** 450 µL/min

**Col. Temp.:** ambient

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

**Detector Info:** ESI Condition

Positive Ionization

NEB: 8.00

CUR: 8.00

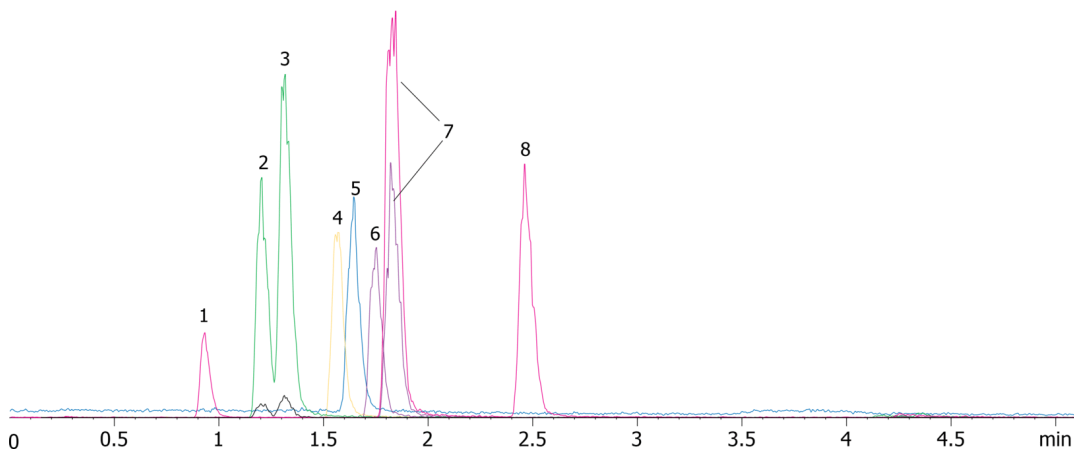
IS: 5500.00

TEM: 0.00

CAD: 7.00

EP: 10.00

18845



Products used in this application:



## Extraction of Amphetamines-NIDA5 Using Strata X-C on Kinetex 2.6 $\mu$ m C18 50 x 2.1mm by LCMS

### ANALYTES:

- 1 Norephedrine
- 2 Ephedrine
- 3 Pseudoephedrine
- 4 Amphetamine-d11
- 5 Amphetamine
- 6 Methamphetamine-d14
- 7 Methamphetamine
- 8 Phentermine

