

# GC Application

ID No.: 18482

## Expanded amphetamines from urine by Strata-XC on a ZB-Drug1

**Column:** Zebron™ ZB-Drug-1, GC Cap. Column 10 m x 0.18 mm x 0.18 µm, Ea

**Phase:** Proprietary Drug Phase

**Dimensions:** 10 meters x 0.18 mm x 0.18 µm

**Order No:** 7CD-G023-08

**Oven Profile:** 70 °C to 130 °C @ 20 °C/min to 320 °C @ 30 °C/min for 0.67 min

**Carrier Gas:** Constant Flow Helium, 0.7 mL/min

**Injection:** Split 10:1 1 µL @ 260°C

**Detection:** Mass Selective (MSD) (320°C)

**Analyst Note:** Analytes are 500ng/mL in urine derivatized with HFBA

Sim ions:

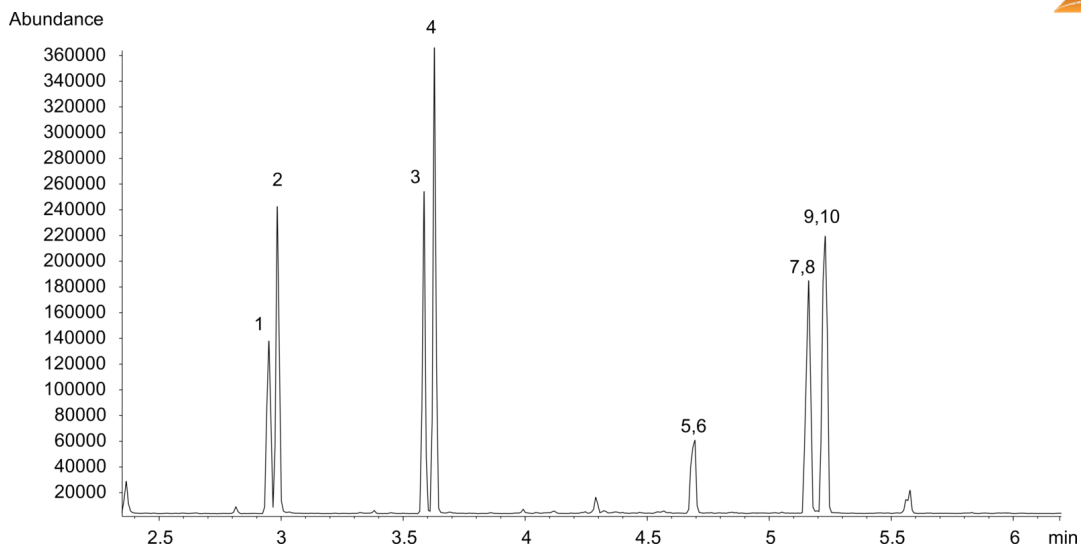
(Quant ion\*) D11-Amphetamine (\*244,128): Amphetamine (\*240,118,117): D14-Methamphetamine (\*261,213):

Methamphetamine (\*254,210,118): D5-MDA (\*167,380,244): MDA (\*162,375,240): D5-MDMA (\*258,213,164):

MDMA (\*254,210,389): D5-MDEA (\*273,241,408): MDEA (\*268,240,403)



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

