

# GC Application

ID No.: 17786

## Expanded amphetamines by MSD on a ZB-5MSi

**Column:** Zebtron™ ZB-5MSi, GC Cap. Column 10 m x 0.18 mm x 0.18 μm, Ea

**Phase:** 5% Phenyl 95% Dimethylpolysiloxane

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

**Order No:** 7CD-G018-08

**Oven Profile:** 100 °C to 320 °C @ 25 °C/min

**Carrier Gas:** Constant Flow Helium, 1 mL/min

**Injection:** Split 50:1 0.5 μL @ 280°C

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

**Analyst Note:** Analytes are 40ppm derivatized with HFBA

Sim ions:

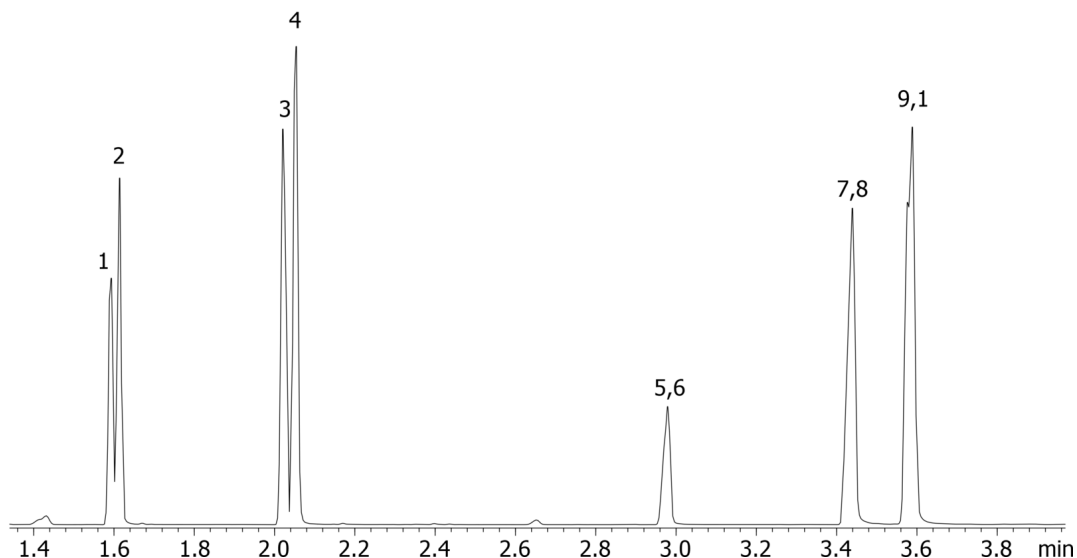
(Quant ion\*) D11-Amphetamine (\*244,128): Amphetamine (\*240,118,117): D14-Methamphetamine (\*261,213):  
Methamphetamine (\*254,210,118): D5-MDA (\*167,380,244): MDA (\*162,375,240): D5-MDMA (\*258,213,164):



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

