

GC Application

ID No.: 17933

Expanded Amphetamines and Interferences by MSD on a ZB-5MSi

Column: Zebron™ 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 1 μL @ 260°C

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

Analyst Note: Analytes are 40ppm derivatized with HFBA

Sim ions:

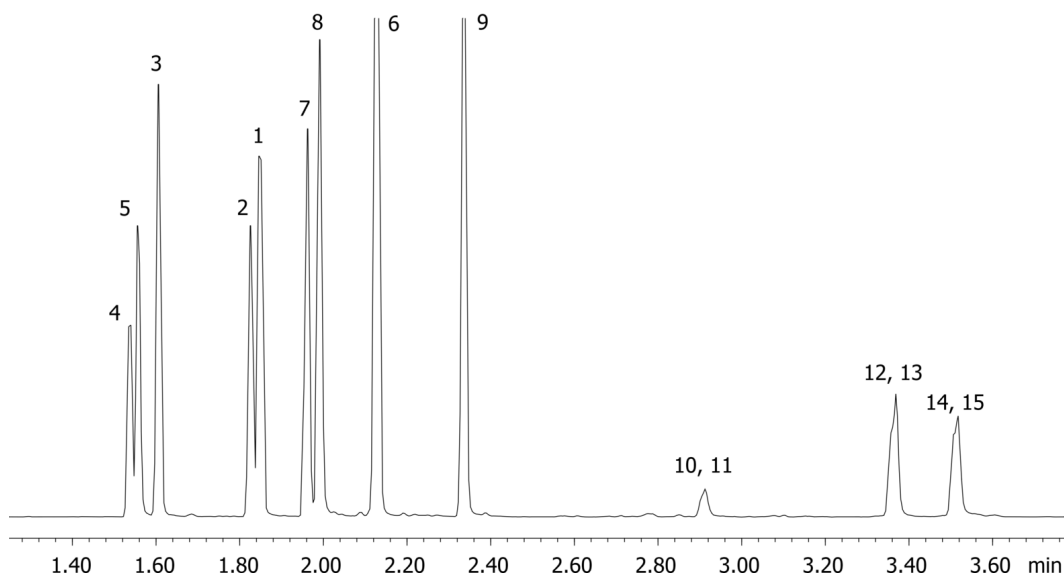
(Quant ion*) D11-Amphetamine (*244,128): Amphetamine (*240,118,117): D14-Methamphetamine (*261,213):
Methamphetamine (*254,210,118): D5-MDA (*167,380,244): MDA (*162,375,240): D5-MDMA (*258,213,164):
MDMA (*254,210,389): D5-MDEA (*273,241,408): MDEA (*268,240,403)



Products used in this application:



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ANALYTES:

- 1 Norephedrine
- 2 Norpseudoephedrine
- 3 Phentermine
- 4 Amphetamine-d11
- 5 Amphetamine
- 6 Ephedrine
- 7 Methamphetamine-d14
- 8 Methamphetamine
- 9 Pseudoephedrine
- 10 MDA-d5
- 11 MDA
- 12 MDMA-d5
- 13 MDMA
- 14 MDEA-d5
- 15 MDEA

