

# GC Application

ID No.: 16559

## Benzodiazepines by MSD on ZB-5MSi

**Column:** Zebtron<sup>™</sup> ZB-5MSi, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea

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

**Dimensions:** 30 meters x 0.25 mm x 0.25 µm

**Order No:** 7HG-G018-11

**Oven Profile:** 200 °C for 0.5 min to 360 °C @ 15 °C/min.

**Carrier Gas:** Constant Flow Helium, 1.5 mL/min

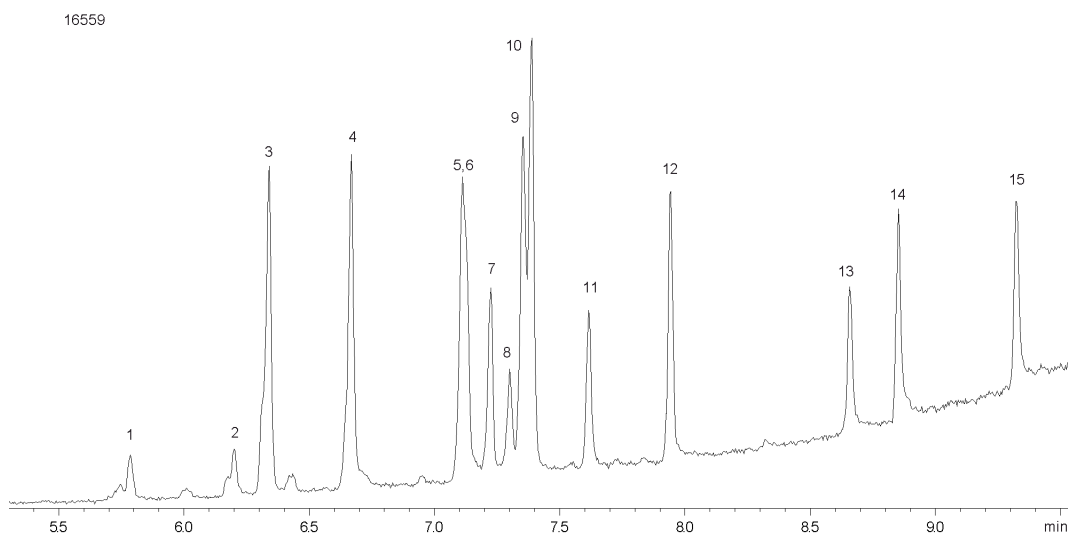
**Injection:** Splitless :1 1 µL @ 250°C

**Detection:** Mass Selective (MSD) (180°C)

**Analyst Note:** Anaytes are 5ppm in methanol



Products used in this application:



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### ANALYTES:

- 1 Oxazepam
- 2 Lorazepam
- 3 Diazepam (Valium)
- 4 Nordazepam
- 5 Midazolam
- 6 Temazepam
- 7 Flunitrazepam
- 8 Bromazepam
- 9 7-Aminoflunitrazepam
- 10 Prazepam
- 11 Lormetazepam
- 12 Flurazepam
- 13 Estazolam
- 14 Alprazolam
- 15 Triazolam

