

CoreFocus
Report

No. 96

GCMS

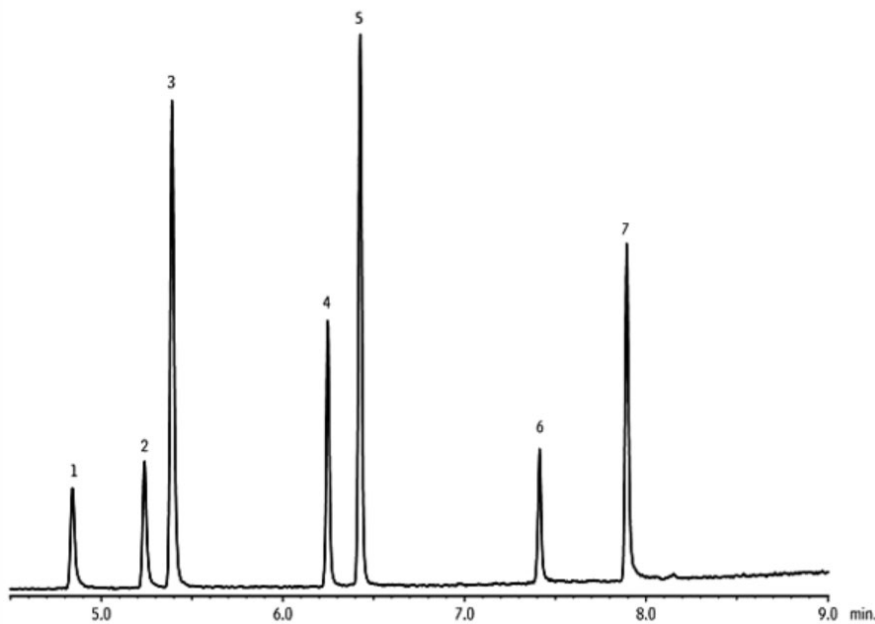
MS

SH Series

SH-I-5Sil MS

Analysis of Benzodiazepines

Keywords: medicine, tranquilizer, hypnotic



1. Oxazepam
2. Lorazepam
3. Diazepam
4. Flunitrazepam
5. Prazepam
6. Clonazepam
7. Alprazolam
(15 µg/mL in Butyl chloride)

Instrument	: GCMS-QP2010	Detector	MS-QP
Column	: SH-I-5MS (30 m x 0.25 mm I.D. df = 0.25 µm), P/N: 221-75954-30	Transfer Line temp.	: 280 °C
Column Temp.	: 200 °C - 15 °C/min - 330 °C (3 min)	Source Temp.	: 200 °C
Carrier Gas	: He, 50 cm/s constant linear velocity mode	Solvent Delay Time	: 4 min
Inj. Temp.	: 280 °C	Tune	: PFTBA
Purge Flow	: 32.2 L/min (20:1 split)	Ionization	: EI
Inj. Volume	: 1 µL splitless (hold 1 min)	Scan Range	: 50-350

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