

GC Application

ID No.: 14959

Nitrosamines on ZB-5MS

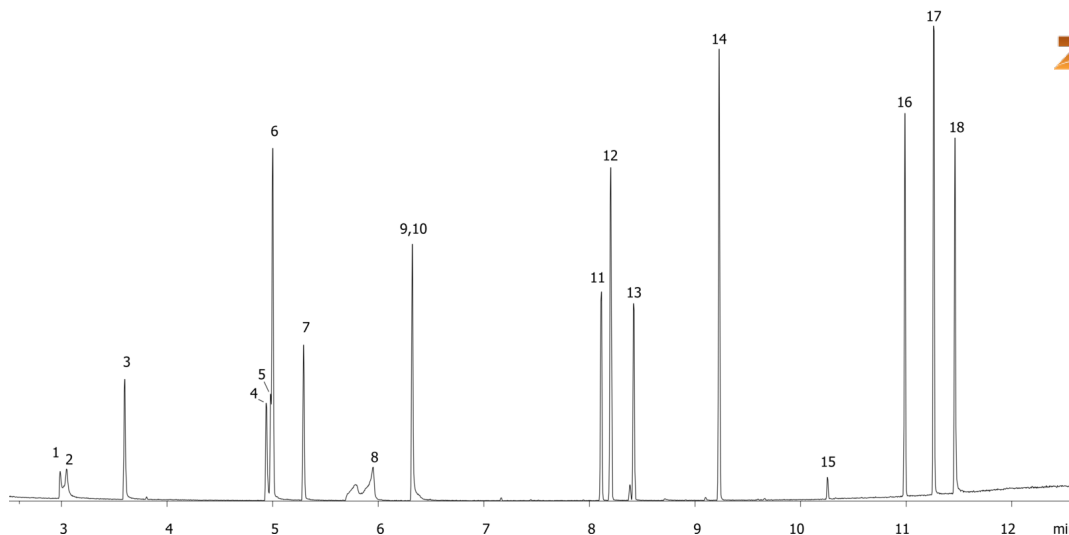
Column: Zebtron™ ZB-5MS, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea
Phase: 5% Phenyl-Arylene 95% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.25 μm
Order No: 7HG-G010-11
Oven Profile: 40°C for 0.5 min to 220°C at 22°C/min to 325°C at 35°C/min for 3 min

Carrier Gas: Constant Flow Helium, 1.4 mL/min
Injection: Split 10:1 1 μL @ 250°C
Detection: Mass Selective (MSD) (240°C)

14959



Products used in this application:



Nitrosamines on ZB-5MS

ANALYTES:

- 1 2-Picoline
- 2 N-Nitrosomethylethylamine
- 3 N-Nitrosodiethylamine
- 4 N-Nitrosopyrrolidine
- 5 N-Nitrosomorpholine
- 6 2-Toluidine
- 7 N-Nitrosopiperidine
- 8 alpha,alpha-Dimethylphenylamine
- 9 1,4-Phenylenediamine
- 10 N-Nitrosodibutylamine
- 11 1-Naphthylamine
- 12 2-Naphthylamine
- 13 2-Methyl-5-nitroaniline
- 14 4-Aminobiphenyl
- 15 Methapyriline
- 16 Dimethylaminoazobenzene
- 17 3,3-Dimethylbenzidine
- 18 2-Acetylaminofluorene

