

GC Application

ID No.: 16480

Aromatic Amines on ZB-5MSi

Column: Zebtron™ ZB-5MSi, GC Cap. Column 30 m x 0.25 mm x 0.50 μm, Ea

Phase: 5% Phenyl 95% Dimethylpolysiloxane

Dimensions: 30 meters x 0.25 mm x 0.5 μm

Order No: 7HG-G018-17

Oven Profile: 90 °C for 4 min to 220 °C @ 30 °C for 4 min.

Carrier Gas: Constant Flow Hydrogen, 1.7 mL/min

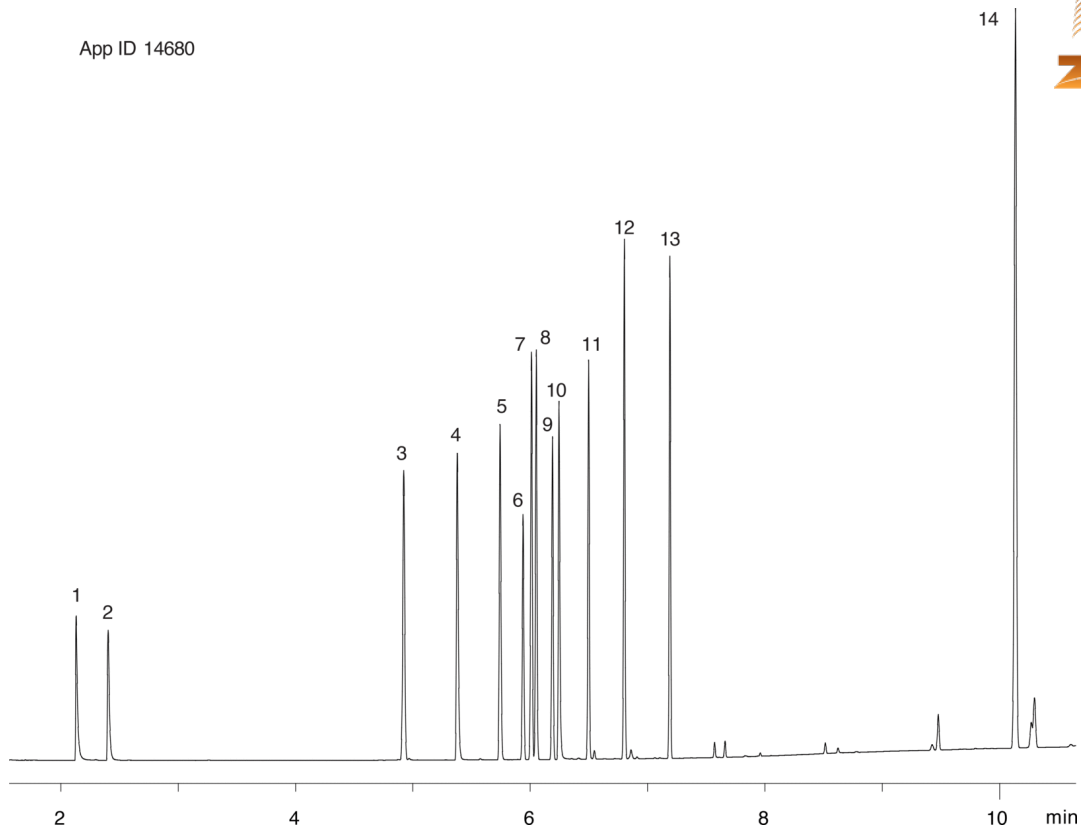
Injection: Split 15:1 1 μL @ 220°C

Detection: Flame Ionization (FID) (300°C)

Analyst Note: 100 ppm in ethanol



Products used in this application:



Aromatic Amines on ZB-5MSi

ANALYTES:

- 1 Piperidine
- 2 2-Methylpiperidine
- 3 Aniline
- 4 Benzylamine
- 5 alpha-Phenylethylamine
- 6 N-Methylaniline
- 7 o-Toluidine
- 8 m-Toluidine
- 9 N,N-Dimethylaniline
- 10 beta-Phenylethylamine
- 11 N-Ethylaniline
- 12 2,4-Dimethylaniline
- 13 N,N-Diethylaniline
- 14 Dibenzylamine

