

# GC Application

ID No.: 14790

## Aromatic Amines on ZB-5

**Column:** Zebron<sup>™</sup> ZB-5, 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-G002-11  
**Oven Profile:** 60°C for 1min to 130°C at 12°C/min to 220°C at 30°C/min for 4min

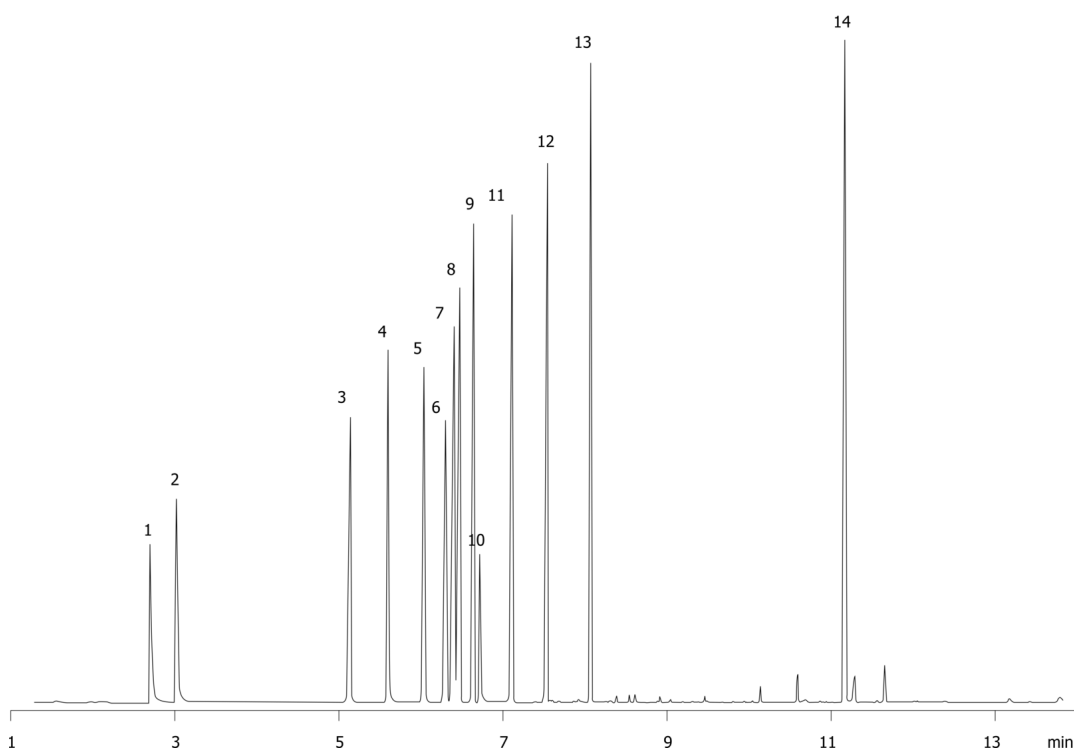
**Carrier Gas:** Constant Flow Helium, 1 mL/min  
**Injection:** Split 15:1 1 µL @ 220°C  
**Detection:** Mass Selective (MSD) (180°C)  
**Detector Info:** full scan

**Analyst Note:** Analytes are at 1.58mg/mL each.

14790



Products used in this application:



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### ANALYTES:

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

