

GC Application

ID No.: 14789

Aromatic Amines on ZB-1701

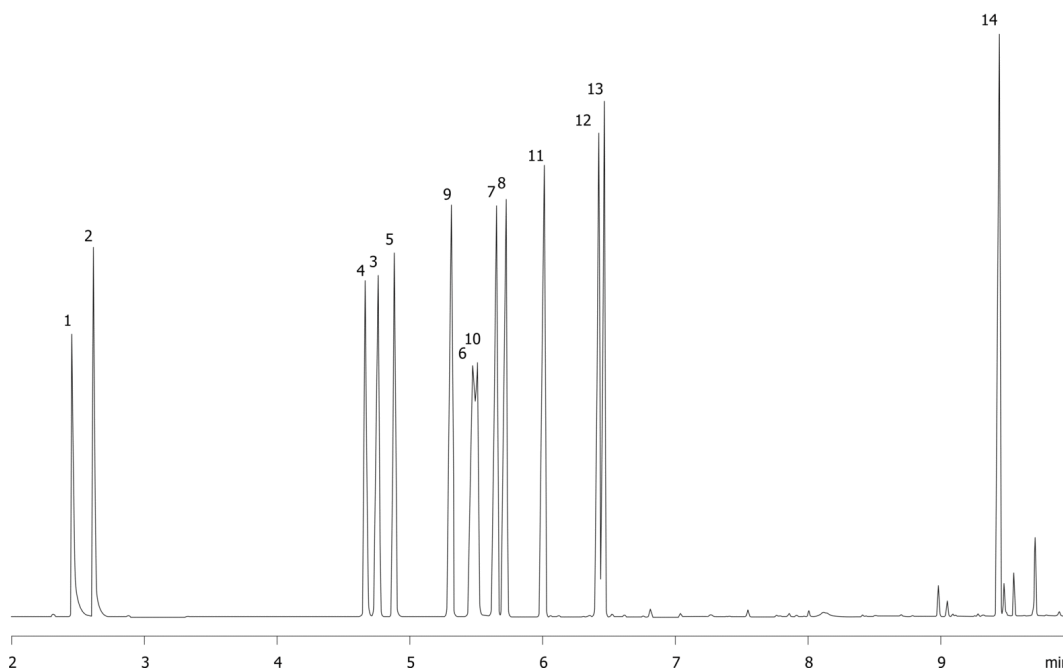
Column: Zebtron™ ZB-1701, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea
Phase: 14% Cyanopropylphenyl 86% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.25 μm
Order No: 7HG-G006-11
Oven Profile: 60°C for 1min to 110°C at 30°C/min to 135°C at 9°C/min to 260°C at 30°C/min for 2min
Carrier Gas: Constant 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.

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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

