

GC Application

ID No.: 5158

Test Conditions for Grob Test Mix on Zebron ZB-50

Column: Zebron[™] ZB-50, GC Cap. Column 30 m x 0.32 mm x 0.25 μm, Ea

Phase: 50% Phenyl 50% Dimethylpolysiloxane

Dimensions: 30 meters x 0.32 mm x 0.25 μm

Order No: 7HM-G004-11

Oven Profile: 40 to 190°C at 6°C/min

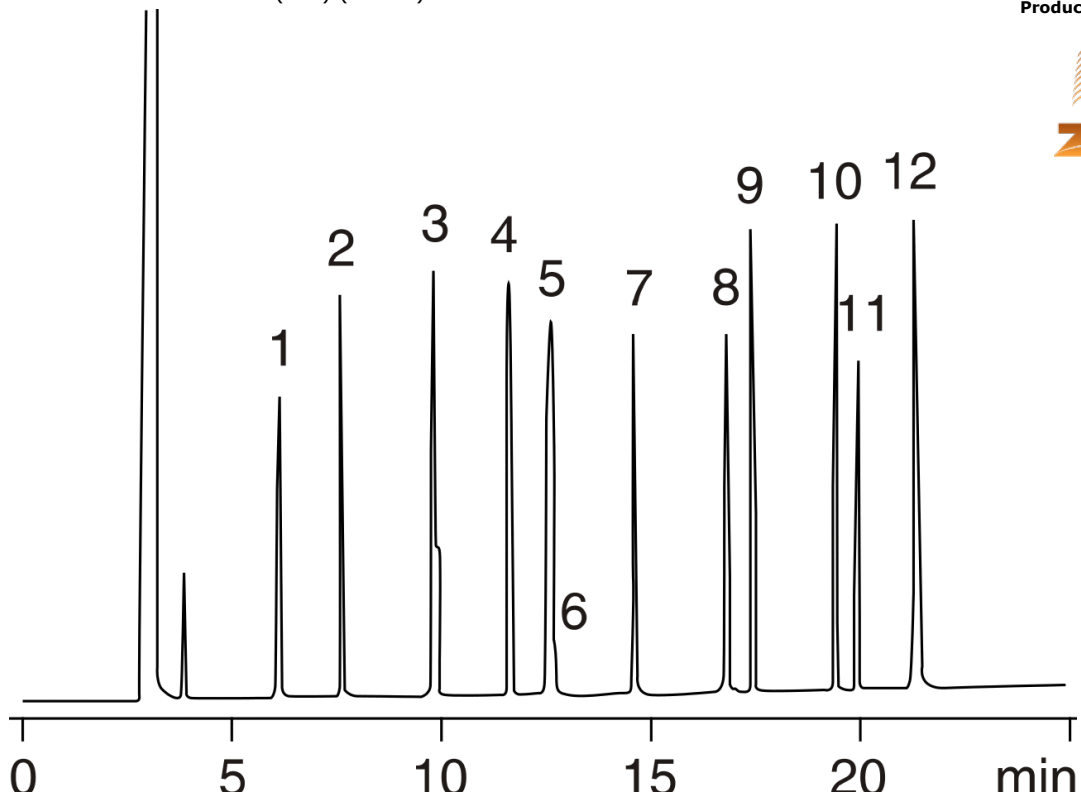
Carrier Gas: Constant Flow Helium, 0.97 mL/min

Injection: Split 100:1 1 μL @ 250°C

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



Products used in this application:



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ANALYTES:

- 1 2,3-Butanediol
- 2 Decane
- 3 Undecane
- 4 1-Octanol
- 5 1-Nonanal
- 6 2-Ethylhexanoic acid
- 7 2,6-Dimethylphenol
- 8 2,6-Dimethylaniline
- 9 Methyl decanoate
- 10 Methyl undecanoate
- 11 Dicyclohexylamine
- 12 Methyl dodecanoate

