

Industrial Chemicals: Ketones on ZB-WAXplus

Column: Zebtron™ ZB-WAXplus™, GC Cap. Column 30 m x 0.53 mm x 1.00 μm, Ea

Phase: Polyethylene Glycol (PEG)

Dimensions: 30 meters x 0.53 mm x 1 μm

Order No: 7HK-G013-22

Oven Profile: 60 °C for 4 min to 200 °C at 15 °C/min hold 9 min

Carrier Gas: Constant Flow Helium, 4 mL/min

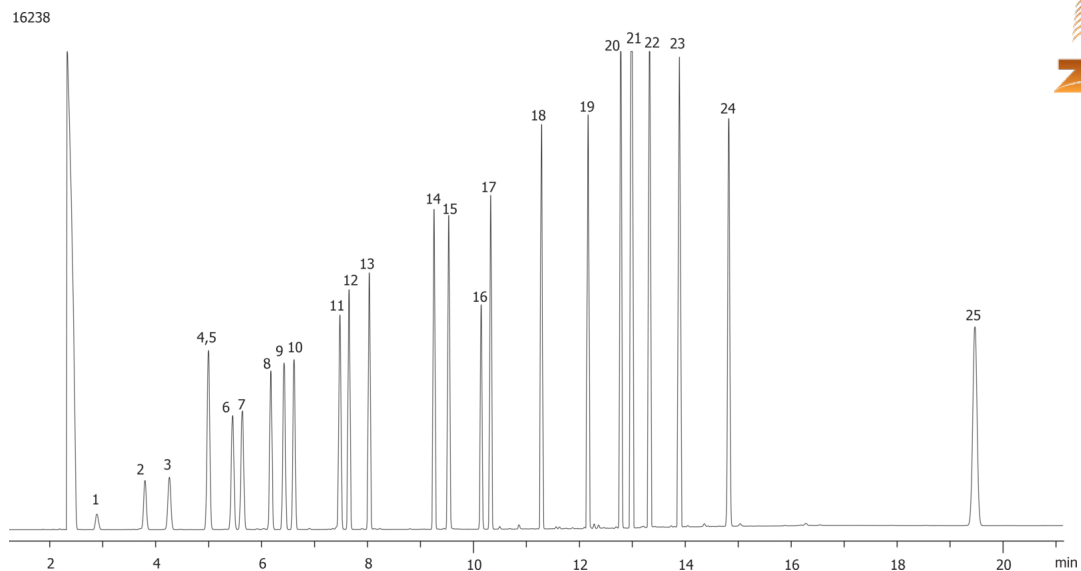
Injection: Split 10:1 1 μL @ 200°C

Detection: Flame Ionization (FID) (220°C)

Analyst Note: Concentration per compound 100ppm n Carbon disulfide



Products used in this application:



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ANALYTES:

- 1 Acetone
- 2 2-Butanone
- 3 3-Methyl-2-butanone
- 4 2-Pentanone
- 5 3-Pentanone
- 6 4-Methyl-2-pentanone
- 7 3-Methyl-2-pentanone
- 8 3-Hexanone
- 9 2-Methyl-3-hexanone
- 10 2-Hexanone
- 11 5-Methyl-2-hexanone
- 12 3-Heptanone
- 13 2-Heptanone
- 14 2-Octanone
- 15 Cyclohexanone
- 16 4-Hydroxy-4-methyl-2-pentanone
- 17 2-Nonanone
- 18 2-Decanone
- 19 2-Undecanone
- 20 Acetophenone
- 21 2-Dodecanone
- 22 Propiophenone
- 23 Butyrophenone
- 24 Valerophenone
- 25 Octanophenone

