

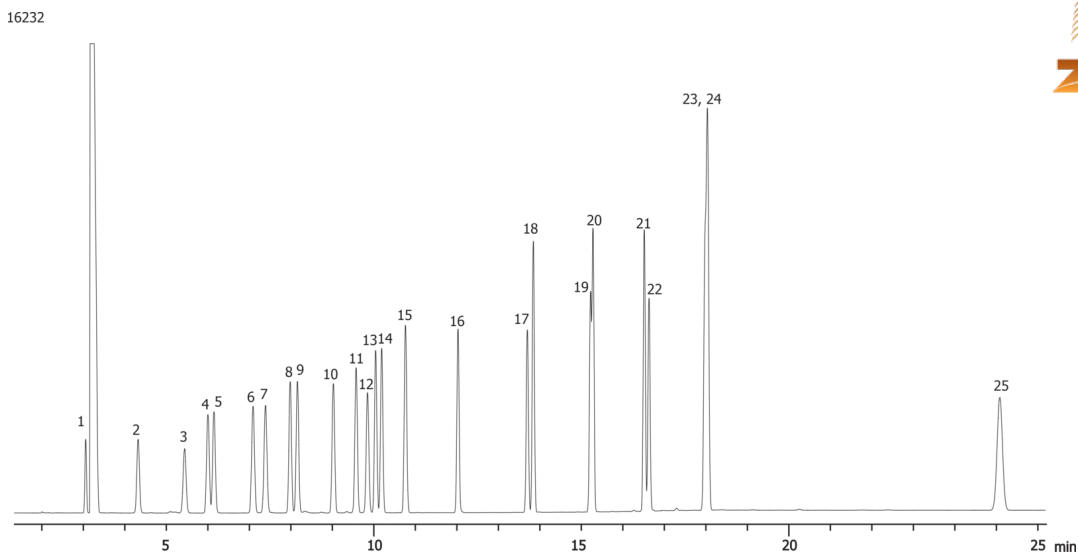
**Industrial Chemicals: Ketones on ZB-624**

**Column:** Zebron<sup>™</sup> ZB-624, GC Cap. Column 30 m x 0.53 mm x 3.00  $\mu$ m, Ea  
**Phase:** 6% Cyanopropylphenyl 94% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.53 mm x 3  $\mu$ m  
**Order No:** 7HK-G005-36  
**Oven Profile:** 80 °C hold for 4 min to 210 °C at 10 °C/min and hold for 10 min

**Carrier Gas:** Constant Flow Helium, 4.6 mL/min  
**Injection:** Split 10:1 1  $\mu$ L @ 250°C  
**Detection:** Flame Ionization (FID) (300°C)  
**Analyst Note:** Analytes are 100ppm in Carbon Disulfide



Products used in this application:



## Industrial Chemicals: Ketones on ZB-624

### 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-Hexanone
- 10 2-Methyl-3-hexanone
- 11 5-Methyl-2-hexanone
- 12 4-Hydroxy-4-methyl-2-pentanone
- 13 3-Heptanone
- 14 2-Heptanone
- 15 Cyclohexanone
- 16 2-Octanone
- 17 2-Nonanone
- 18 Acetophenone
- 19 2-Decanone
- 20 Propiophenone
- 21 Butyrophenone
- 22 2-Undecanone
- 23 Valerophenone
- 24 2-Dodecanone
- 25 Octanophenone

