

GC Application

ID No.: 19970

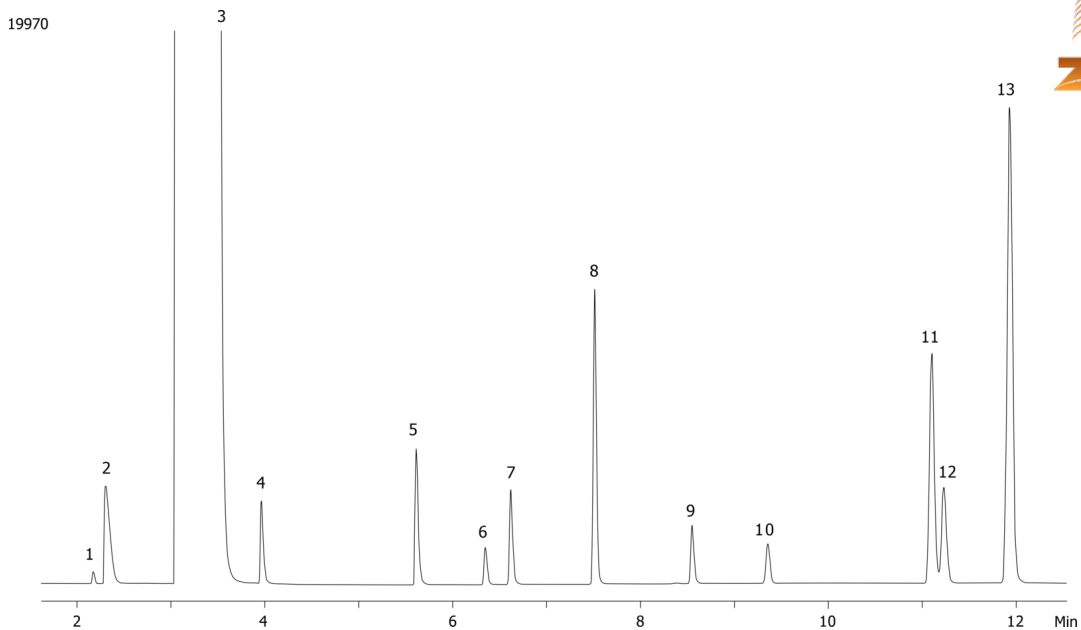
Bioethanol using ZB-624 30x.25x1.40um

Column: Zebron[™] ZB-624, GC Cap. Column 30 m x 0.25 mm x 1.40 µm, Ea
Phase: 6% Cyanopropylphenyl 94% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 1.4 µm
Order No: 7HG-G005-27
Oven Profile: 35 °C for 4 min to 70 °C @ 10 °C/min for 5 min to 200 °C @t 25 °C/min for 1 min.

Carrier Gas: Constant Flow Helium, 1.6 mL/min
Injection: Split 50:1 2 µL @ 140°C
Detection: Flame Ionization (FID) (200°C)
Analyst Note: Solvent: Ethanol



Products used in this application:



Bioethanol using ZB-624 30x.25x1.40um

ANALYTES:

- 1 Acetaldehyde
- 2 Methanol
- 3 Ethanol
- 4 Impurity from Ethanol
- 5 Propanol
- 6 Ethyl acetate
- 7 2-Butanol
- 8 2-Methylpropanol
- 9 Butanol
- 10 Acetal
- 11 3-Methylbutanol
- 12 2-Methylbutanol
- 13 4-Methylpentanol

