

## Optimized Separation of Propanal from Blood Alcohols on ZB-BAC1, 30 x 0.53 x 3.00

**Column:** Zebtron™ ZB-BAC-1, GC Cap. Column 30 m x 0.53 mm x 3.00 µm, Ea

**Phase:** Proprietary Blood Alcohol Phase

**Dimensions:** 30 meters x 0.53 mm x 3 µm

**Order No:** 7HK-G021-36

**Oven Profile:** 30 °C Isothermal

**Carrier Gas:** Ramp Flow Helium, 4 mL/min

**Injection:** Headspace 30:1 1 µL @ 180°C

**Detection:** Flame Ionization (FID) (250°C)

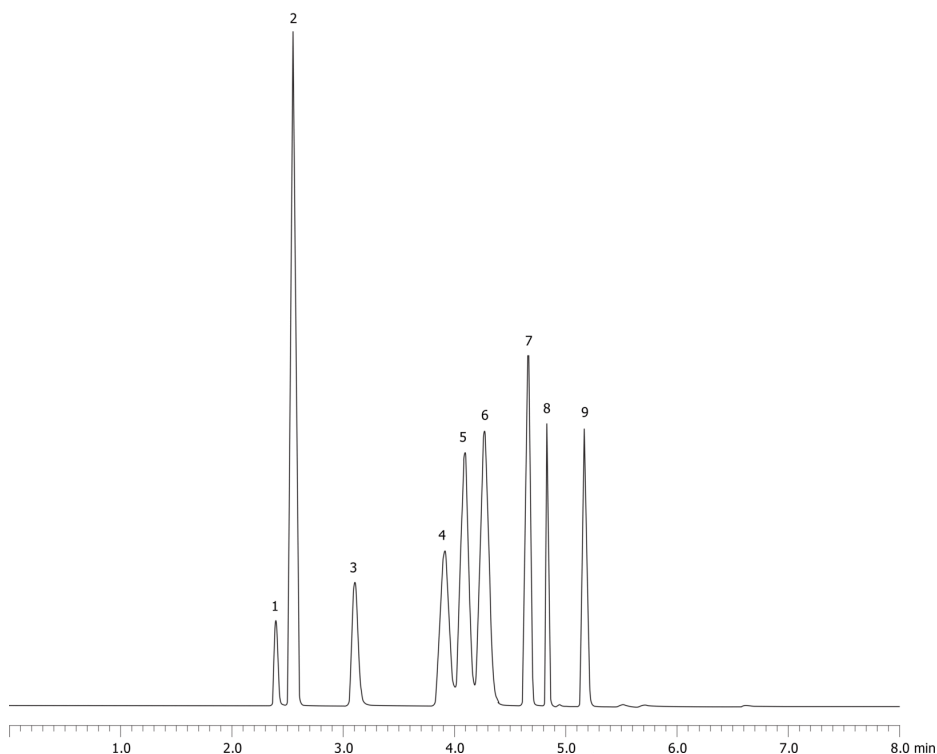
**Analyst Note:** Sample was 0.100% BAC in water, analyzed by headspace GC  
Run as a dual column setup with ZB-BAC2  
Ramped flow program was 4 mL/min. for 4.5 min. to 40 mL/min. at 80 mL/min.2 for rest of run.  
Liner was 2 mm. i.d. straight



Products used in this application:



19580



### ANALYTES:

- 1 Methanol
- 2 Acetaldehyde
- 3 Ethanol
- 4 Isopropanol
- 5 Propanal
- 6 Acetone
- 7 tert-Butanol
- 8 n-Propanol
- 9 sec-Butanol

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