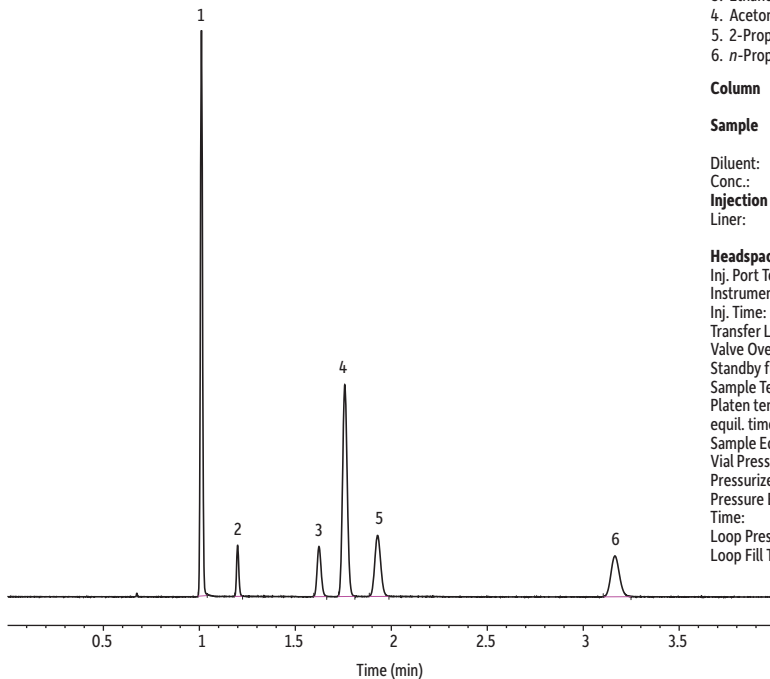


BAC Resolution Control Standard *n*-Propanol on Rtx-BAC2



GC_CF1174

Peaks

1. Acetaldehyde
2. Methanol
3. Ethanol
4. Acetone
5. 2-Propanol
6. *n*-Propanol (IS)

Retention Time (min)	Concentration (µg/mL)
1.011	200
1.199	200
1.623	200
1.758	200
1.929	200
3.165	200

Column

Rtx-BAC2, 30 m, 0.32 mm ID, 1.2 µm (cat.# 18002)

Sample

BAC resolution control standard n-P (cat.# 36010)

Diluent:

Water

Conc.:

200 µg/mL

Injection

headspace-loop split (split ratio 50:1)

Liner:

Topaz 1.0 mm ID straight inlet liner (cat.# 23333)

Headspace-Loop

Inj. Port Temp.: 220 °C

Instrument: Tekmar HT3

Inj. Time: 0.5 min

Transfer Line Temp.: 200 °C

Valve Oven Temp.: 200 °C

Standby flow rate: 100 mL/min

Sample Temp.: 60 °C

Platen temp

equil. time: 1 min

Sample Equil. Time: 5 min

Vial Pressure: 30 psi

Pressurize Time: 2 min

Pressure Equilibration

Time: 0.2 min

Loop Pressure: 20 psi

Loop Fill Time: 1 min

Oven

Oven Temp.: 40 °C (hold 4 min)

Carrier Gas

He, constant flow

Linear Velocity: 80 cm/sec

Detector

FID @ 240 °C

Make-up Gas

Flow Rate: 45 mL/min

Make-up Gas Type: N₂

Hydrogen flow: 40 mL/min

Air flow: 400 mL/min

Data Rate: 50 Hz

Instrument

Agilent 7890A GC

