



Peaks	tr (min)
1. Acetaldehyde	4.370
2. Methanol	4.474
3. Ethanol	5.395
4. Isopropanol	5.804
5. n-Propanol	6.836
6. Ethyl acetate	7.403
7. Isobutanol	8.132
8. Acetal	9.458
9. Isoamyl alcohol (3-methyl-1-butanol)	10.308
10. Active amyl alcohol (2-methyl-1-butanol)	10.379

Column Rxi-1301Sil MS, 60 m, 0.25 mm ID, 1.00 µm (cat.# 16097)
Sample Bourbon
Conc.: Neat
Injection
Inj. Vol.: 1 µL split (split ratio 20:1)
Liner: Topaz 4.0 mm ID Precision inlet liner w/wool (cat.# 23305)
Inj. Temp.: 250 °C
Oven
Oven Temp.: 40 °C (hold 1 min) to 300 °C at 10 °C/min (hold 1 min)
Carrier Gas He, constant flow
Flow Rate: 1.4 mL/min
Detector MS
Mode: Scan
Scan Program:

Group	Start Time (min)	Scan Range (amu)	Scan Rate (scans/sec)
1	4	20-300	7.3

Transfer Line
Temp.: 280 °C
Analyzer Type: Quadrupole
Source Type: Inert
Source Temp.: 230 °C
Quad Temp.: 150 °C
Electron Energy: 70 eV
Tune Type: BFB
Ionization Mode: EI
Instrument Agilent 7890A GC & 5975C MSD
Notes Water coelutes with acetaldehyde and methanol, which results in distortion of the baseline.