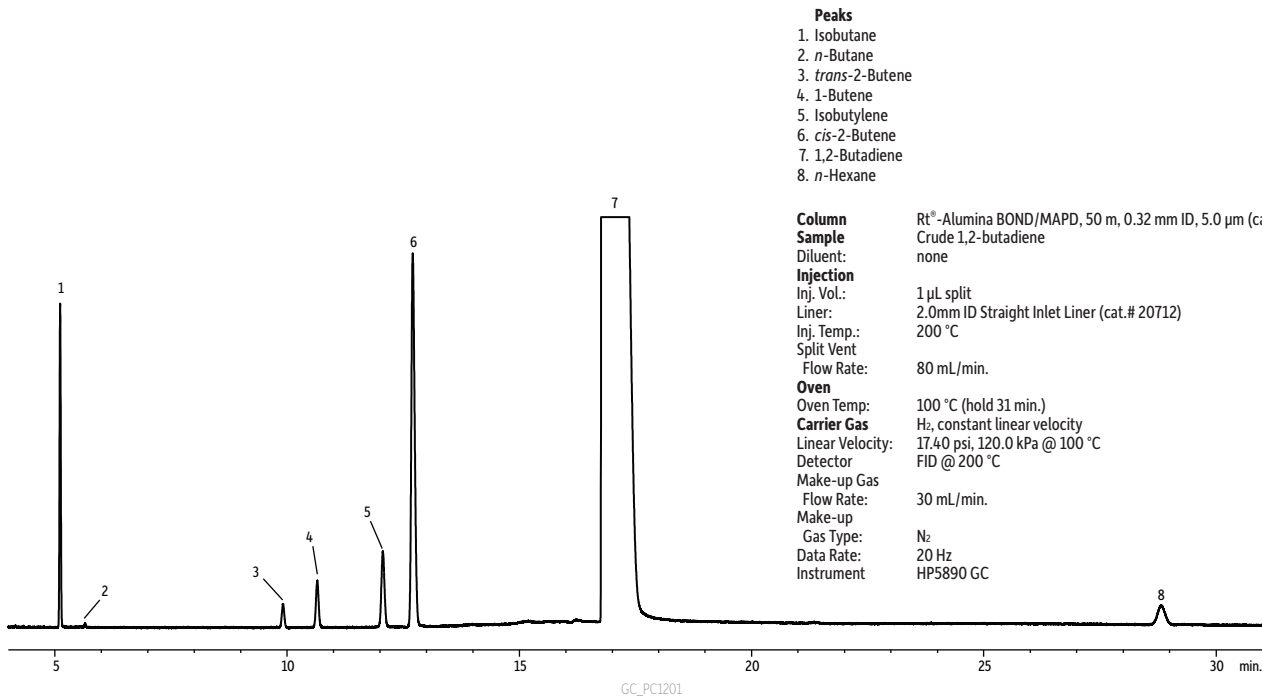


Light Hydrocarbons on Rt®-Alumina BOND/MAPD



- Peaks**
1. Isobutane
 2. *n*-Butane
 3. *trans*-2-Butene
 4. 1-Butene
 5. Isobutylene
 6. *cis*-2-Butene
 7. 1,2-Butadiene
 8. *n*-Hexane

Column Rt®-Alumina BOND/MAPD, 50 m, 0.32 mm ID, 5.0 µm (cat.# 19780)
Sample Crude 1,2-butadiene
Diluent: none
Injection
Inj. Vol.: 1 µL split
Liner: 2.0mm ID Straight Inlet Liner (cat.# 20712)
Inj. Temp.: 200 °C
Split Vent
Flow Rate: 80 mL/min.
Oven
Oven Temp: 100 °C (hold 31 min.)
Carrier Gas H₂ constant linear velocity
Linear Velocity: 17.40 psi, 120.0 kPa @ 100 °C
Detector FID @ 200 °C
Make-up Gas
Flow Rate: 30 mL/min.
Make-up
Gas Type: N₂
Data Rate: 20 Hz
Instrument HP5890 GC