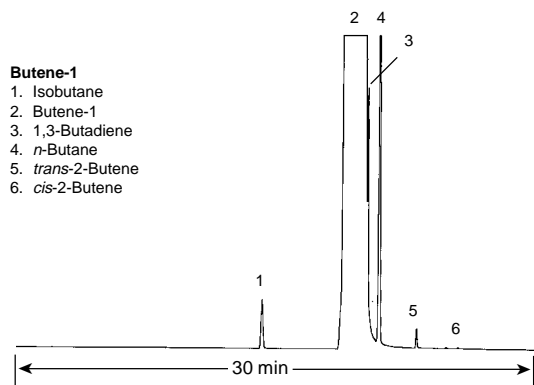


Propylene, Butene-1 and Ethylene

Column: DB-Petro100
100 m x 0.25 mm I.D., 0.5 µm
J&W P/N: 122-10A6
Carrier: Helium at 28.5 cm/sec
Oven: -40°C for 20 min
-40-120°C at 5°/min
Injector: Split 1:16, 100 µL, 200°C
Detector: FID, 250°C
Nitrogen makeup gas
at 30 mL/min

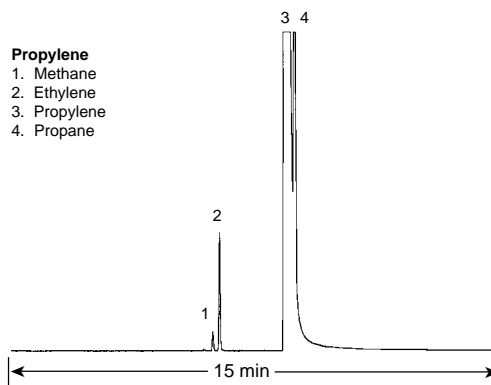
Butene-1

1. Isobutane
2. Butene-1
3. 1,3-Butadiene
4. *n*-Butane
5. *trans*-2-Butene
6. *cis*-2-Butene



Propylene

1. Methane
2. Ethylene
3. Propylene
4. Propane



Ethylene

1. Methane
2. Ethylene
3. Ethane
4. Propylene

