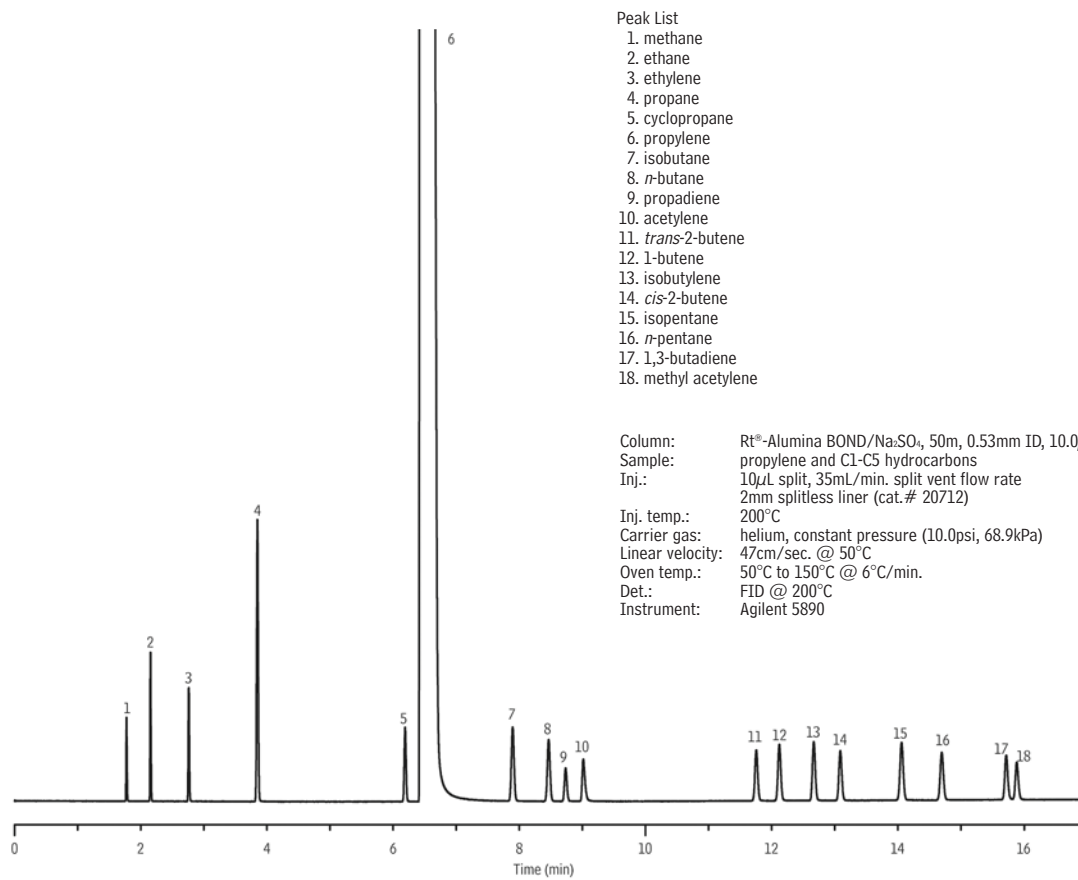


Propylene and C1-C5 Hydrocarbons
Rt®-Alumina BOND/Na₂SO₄



- Peak List
1. methane
 2. ethane
 3. ethylene
 4. propane
 5. cyclopropane
 6. propylene
 7. isobutane
 8. n-butane
 9. propadiene
 10. acetylene
 11. trans-2-butene
 12. 1-butene
 13. isobutylene
 14. cis-2-butene
 15. isopentane
 16. n-pentane
 17. 1,3-butadiene
 18. methyl acetylene

Column: Rt®-Alumina BOND/Na₂SO₄, 50m, 0.53mm ID, 10.0µm (cat.# 19756)
Sample: propylene and C1-C5 hydrocarbons
Inj.: 10µL split, 35mL/min. split vent flow rate
2mm splitless liner (cat.# 20712)
Inj. temp.: 200°C
Carrier gas: helium, constant pressure (10.0psi, 68.9kPa)
Linear velocity: 47cm/sec. @ 50°C
Oven temp.: 50°C to 150°C @ 6°C/min.
Det.: FID @ 200°C
Instrument: Agilent 5890

GC_PC01142