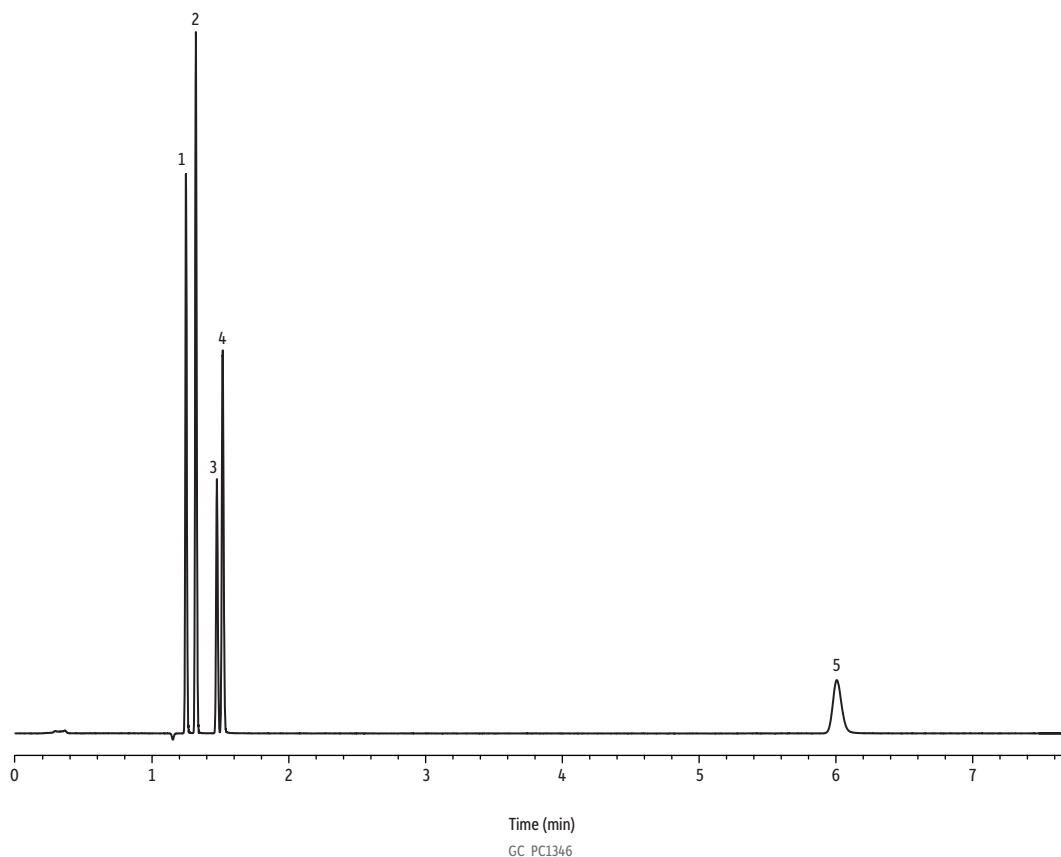


Permanent Gases and Nitrous Oxide on Rt-Msieve 5A



Peaks	Retention Time (min)
1. Oxygen	1.25
2. Nitrogen	1.32
3. Methane	1.47
4. Carbon monoxide	1.52
5. Nitrous oxide	6.01

Column Rt-Msieve 5A, 30 m, 0.53 mm ID, 50 μ m (cat.# 19723)
Sample
Conc.: Varied (0.1-0.5% by volume)
Injection
Inj. Vol.: 150 μ L split (split ratio 10:1)
Liner: Topaz 2.0 mm ID straight inlet liner (cat.# 23313)
Inj. Temp.: 200 $^{\circ}$ C
Oven
Oven Temp.: 200 $^{\circ}$ C (hold 7 min)
Carrier Gas He, constant flow
Flow Rate 4 mL/min
Detector TCD @ 250 $^{\circ}$ C
Instrument Agilent 7890B GC