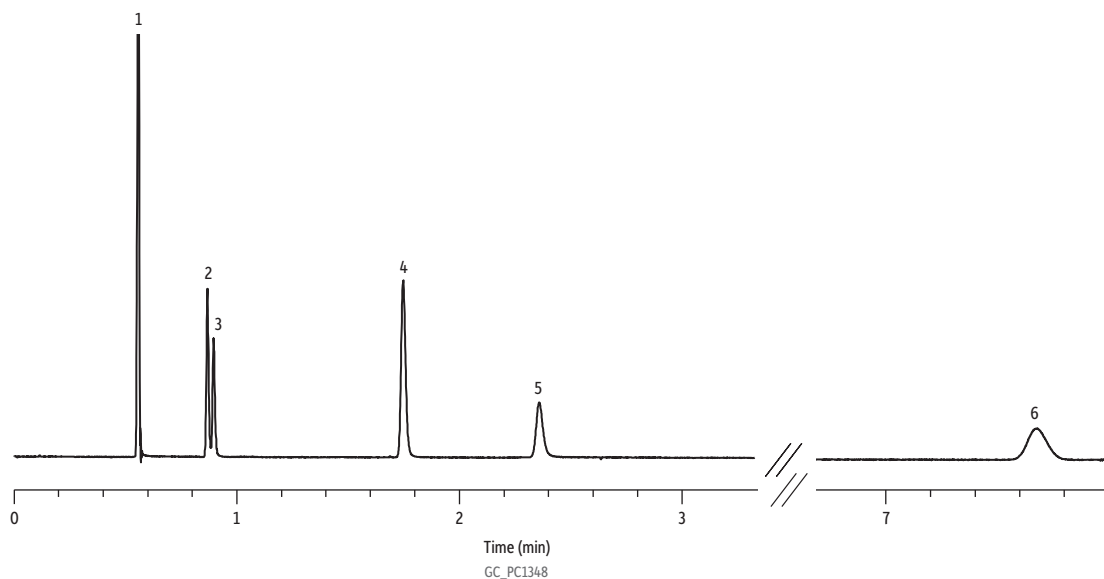


Permanent Gases on Rt-Msieve 5A (15 m x 0.32 mm x 30 µm)



Peaks	ts (min)	Conc. (Mol%)
1. Helium	0.56	Balance
2. Argon	0.87	3
3. Oxygen	0.90	2
4. Nitrogen	1.75	5
5. Methane	2.36	4
6. Carbon monoxide	7.68	5

Column Rt-Msieve 5A, 15 m, 0.32 mm ID, 30 µm (cat.# 19720)
Sample Permanent gases (custom mix)
Injection
 Inj. Vol.: 30 µL split (split ratio 10:1)
 Liner: Topaz 2.0 mm ID straight inlet liner (cat.# 23313)
 Inj. Temp.: 150 °C
Oven
 Oven Temp.: 30 °C (hold 10 min)
Carrier Gas Hz, constant pressure (5.45 psi, 37.6 kPa)
Detector TCD @ 200 °C
Instrument Agilent 7890B GC
Notes Resolution (Ar/O₂) = 1.5
 Asymmetry (CO) = 1.1