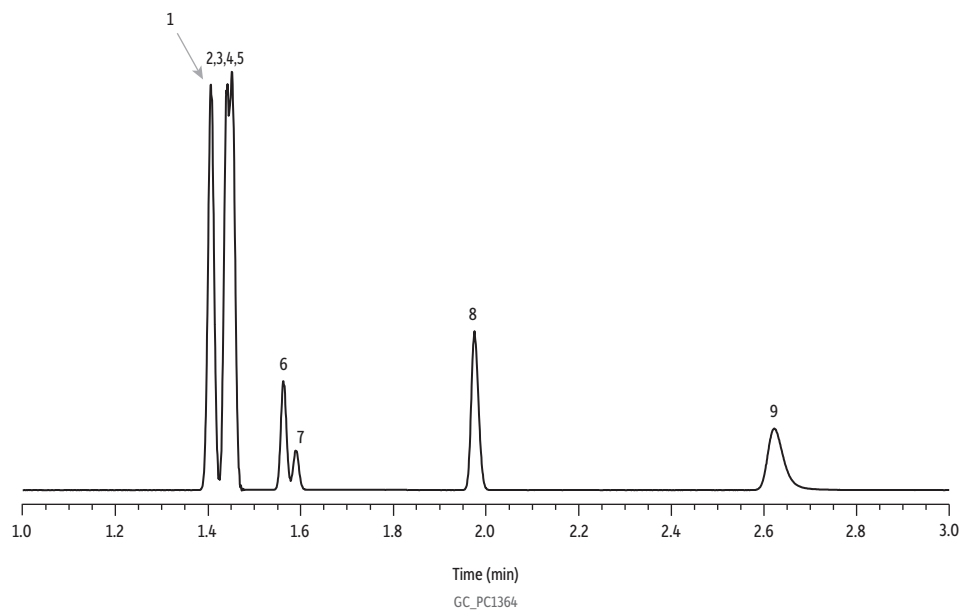


## Permanent and Noble Gases on Rt-Q-BOND



### Peaks

1. Neon
2. Argon
3. Oxygen
4. Nitrogen
5. Carbon monoxide
6. Methane
7. Krypton
8. Carbon dioxide
9. Xenon

### Column

Rt-Q-BOND, 30 m, 0.53 mm ID, 20  $\mu$ m (cat.# 19742)

### Sample

Noble and permanent gas standard

### Conc.:

2-10 mol%

### Injection

#### Inj. Vol.:

400  $\mu$ L split (split ratio 20:1)

#### Liner:

Topaz 2.0 mm ID straight inlet liner (cat.# 23313)

#### Inj. Temp.:

150 °C

### Oven

#### Oven Temp.:

35 °C (hold 5 min)

### Carrier Gas

He, constant flow

### Flow Rate:

5 mL/min

### Detector

TCD @ 250 °C

### Instrument

Agilent 7890B GC