

Refinery Gas Sample (Synthetic)

Column: GS-Alumina

50m x 0.53 mm I.D.

P/N: 115-3552

Carrier: Helium, 6.8 mL/min, constant flow mode

Oven: 45°C for 3 minutes

6°/min to 195°C

Injector: 250°C, split 1:50, 0.4 µL sample loop

Detector: FID, 250°C

1. Methane
2. Ethane
3. Ethylene
4. Propane
5. Propylene
6. Isobutane
7. n-Butane
8. 1,2-Propadiene (allene)
9. Acetylene
10. *trans*-2-Butene
11. 1-Butene
12. 2-Methyl-1-propene (isobutylene)
13. *cis*-2-Butene
14. Isopentane
15. n-Pentane
16. 1,3-Butadiene
17. *trans*-2-Pentene
18. 2-Methyl-2-butene
19. 1-Pentene
20. *cis*-2-Pentene
21. n-Hexane

