

Crude 1,3-Butadiene

Column: GS-Alumina
30 m x 0.53 mm I.D.

J&W P/N: 115-3532

Carrier: Helium at 51 cm/sec (6.8 mL/min), measured at 95°C

Oven: 95°C for 5 min

95-130°C at 5°/min

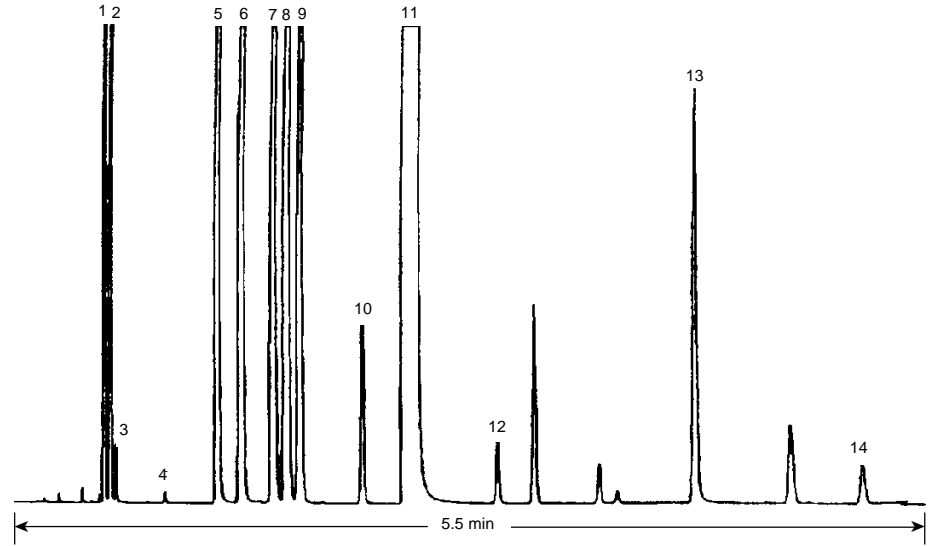
130°C for 10 min

Injector: Split 1:10, 4 µL, 250°C

Detector: FID, 250°C

Nitrogen makeup gas
at 30 mL/min

1. Isobutane
2. *n*-Butane
3. Acetylene
4. Methylcyclopropane
5. *trans*-2-Butene
6. 1-Butene
7. Isobutylene
8. *cis*-2-Butene
9. Isopentane
10. 1,2-Butadiene
11. 1,3-Butadiene
12. Propyne
13. Vinylacetylene
14. Butyne



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