

Hydrocarbons

Column: DB-Petro100
100 m x 0.25 mm I.D., 0.5 μ m
5 meters of DB-5, 0.25 mm I.D., 1.0 μ m

J&W P/N: 122-10A6

Carrier: Helium at 24 cm/sec, measured at 35°C

Oven: 5°C for 10 min

5-50°C at 5°/min

50°C for 52 min

50-200°C at 1.4°/min

Injector: Split 1:100, 250°C, 0.3 μ L unleaded gasoline

Detector: FID, 250°C

Nitrogen makeup gas at 30 mL/min

Partial resolution of 2,3,3-trimethylpentane and toluene was obtained with this column by cutting the DB-5 guard column to 3 meters.

