

Gas Chromatographic Conditions

Hewlett Packard 5890 GC with a 7673A Automatic Sampler

Column - 30 meter X 0.32mm ID HP-5 (crosslinked 5% Phenyl Methyl Silicon FS).

Column Film Thickness - 0.25um.

Injector Temperature - 240°C.

Detector Temperature - 280°C.

Oven Temperature - 80°C ramp at 25°C/min to 240°C (260°C) and hold for 2 minutes.

Carrier Gas - Hydrogen at 5 psi (33kPa).

Split Ratio - 100:1

Hewlett Packard 5890 GC with a 5970 MSD

Column 0 50 meter X 0.2 mm ID HP-5 (crosslinked 5% Phenyl Methyl Silicon FS).

Column Film Thickness - 0.33um

Injector Temperature - 200°C.

Transfer Line Temperature - 280°C.

Oven Temperature - 80°C for one min, rampe at 5°C/min to 260°C, hold for 10 minutes.

Carrier Gas - UHP Helium at 20 psi (140 kPa)

Split Ratio - 50:1