



Consumables Application Note

A02463 GC

Determination of trace sulfur compounds using PFPD

Low level sulfur compounds can be measured well with selective detection like the PFPD. Thick-film CP-Sil 5CB offers guaranteed elution of "difficult" sulfur compounds at trace levels.

Column : Fused silica 50m x 0.32mm CP-Sil 5 CB, df = 5 μ m
Part no.: CP7690

GC : CP3800

Carrier Gas : Helium, 2 mL/min, 12 psi, 85 kPa

Oventemp. : -20°C, 3.5min -> 10°C/min -> 250°C

Injection : Approx 100 μ l, split: 1:30

Injector : Loop injection via Sampling Valve into splitter

Detector : PFPD, Temp. 250 °C

Concentration : Approx. 7 ppm in helium

Courtesy : Edwin Hollebrandse, Varian application lab. Middelburg, The Netherlands



