

CoreFocus
Report
No.458

GC

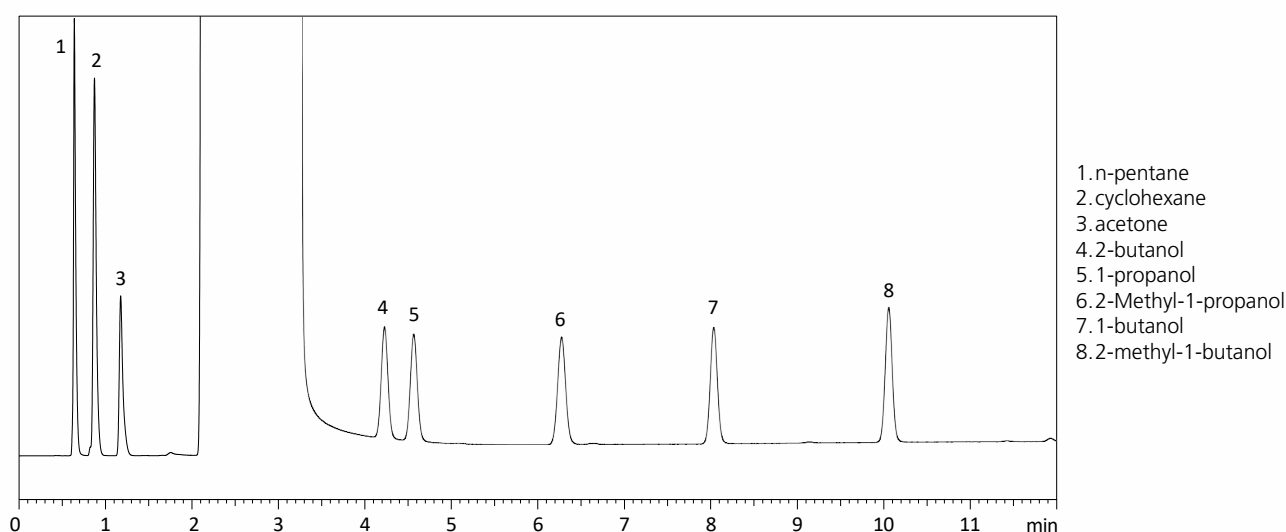
FID

SH Series

SH-WAX

Analysis of Organic Impurities in Ethanol

Keywords: Alcohol, Quality control



Column	: SH-WAX 30 m x 0.53 mm I.D., df= 1.0 µm, P/N : 221-75899-30
Column Oven Temp.	: 40 °C (5 min) → 5 °C/min → 115 °C (10 min) → 10 °C/min → 200 °C (1.5 min)
Column Flowrate	: 15.01 mL/min
Injection Temperature	: 200 °C
Injection Mode	: Direct
Carrier Gas	: He, 89.5 cm/sec (Linear velocity control)
FID	: 220 °C (H ₂ 40 mL/min, Air 400 mL/min)
Makeup Gas	: He 30 mL/min

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