

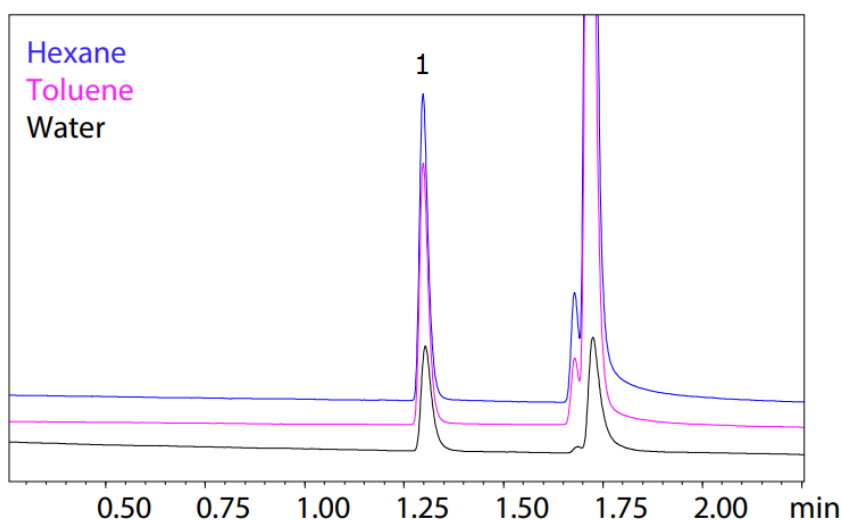
CoreFocus
Report
No.351

GC BID AOC SH Series

SH-Msieve 5A

Quantitation of Hydrogen Dissolved in Hexanes, Toluene and Water

Keywords: Hydrogen, barrier discharge ionization detector (BID)



1. Hydrogen

Main Unit	: Nexis™ GC-2030 / AOC-20i Plus
Injection Volume	: 0.5 µL
Injection Temp.	: 250 °C
Injection Mode	: Split
Split Ratio	: 1:5
Carrier Gas	: He
Carrier Gas Control	: Constant Linear Velocity (50 cm/s)
Purge Gas	: 3.0 mL/min
Column	: SH-Msieve 5A (30 m x 0.53 mm I.D. df = 50 µm), P/N: 221-75763-30 (with 2.5 m particle trap)
Column Temp.	: 40 °C
Detector	: BID-2030
Detector Temp.	: 300 °C
Detector Gas	: 50 mL/min

Source : Application News G335 ([JP](#), [ENG](#))

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