

CoreFocus Report

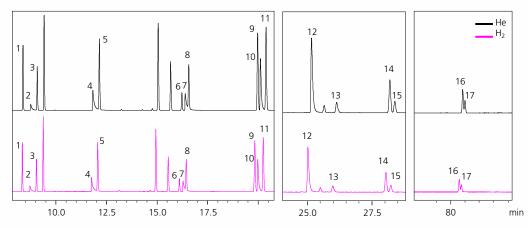
No.477

GC FID SH Series

SH-1

Analysis of Gasoline components

Keywords: JISK2536-2, hydrogen carrier gas



- 1: Isobutane
- 2: Methanol
- 3: Isobutylene
- 4: Ethanol
- 5: 3-Methyl-1-butene
- 6: cis-2-Pentene
- 7: t-Butanol
- 8: 2-Methyl-2-butene
- 9: 2,3-Dimethylbutane
- 10: MTBE
- 11: 2-Methylpentane
- 12: ETBE
- 13: 3,3-Dimethyl-1-
- pentene
- 14: 1-Methylcyclopentene
- 15: Benzene
- 16: p-Xylene
- 17: 2,3-Dimethylheptane

Model : NexisTM GC-2030, AOCTM-30i, CRG-2030

Injection Volume : 0.2 μL Injection Temp. : 250 °C

Carrier Gas : H₂ or He (Split : 150)

Carrier Gas Control : Constant

Column : SH PONA Tuning Column* (5.0 m x 0.25 mml.D., 1.0 μm), P/N : 227-36339-01

*Cut into 2.4 m for use

SH-1 PONA-J (100 m x 0.25 mm l.D. ,0.5 μ m) , P/N : 227-36338-01

Column Temperature : 5.0 °C (10 min) - 5.0 °C/min - 48.0 °C (52 min) - 1.3 °C/min - 200.0 °C (5.0 min)

 $\begin{array}{ll} \text{Detector} & : \text{FID-2030} \\ \text{Detector Temp.} & : 250 \, ^{\circ}\text{C} \end{array}$

Source : Application News 01-00536 (JP)

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