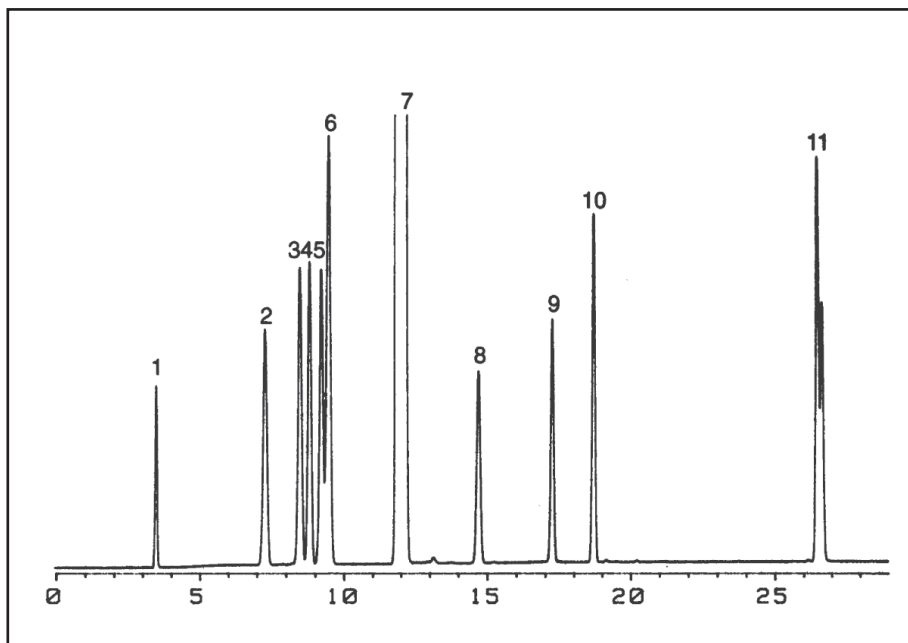


GC CAPILLARY COLUMN APPLICATIONS: PETROCHEMICAL

ASTM D5441 - Impurities in MTBE

COLUMN: 007-1, Dimethylpolysiloxane
PHAT Phase™ 20M. x
0.18mm I.D. x 6.0µm film
Cat. No.: 007-1-20HS-6.0F
Temperature: 40°(3 min. hold)
(5°/min.) - 100° -
(12°/min) - 210°C
Flow: 12 psi, Helium
Injector: 225°C
Detector: 300°C, FID

1. methanol
2. 2-methylbutane
3. pentane
4. cis-2-pentene
5. trans-2-pentene
6. 2 methyl-2-butene
7. MTBE
8. t-butyl ethyl ether
9. t-amyl methyl ether
10. 2,2,4-trimethyl-1-pentene
11. cis/trans-2,2',4,6,6'-
pentamethyl-3-heptene



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