

Petroleum Oxygenates (MTBE)

Rtx[®]-1

60m, 0.53mm ID, 5.0 μ m Rtx[®]-1 (cat.# 10183)
0.1 μ L injection of neat methyl *tert*-butyl ether.
Direct injection using a Uniliner[®] liner.

Oven temp.: 40°C (hold 8 min.) to 200°C @ 5°C/min.
Inj. & det. temp.: 200°C
Carrier gas: hydrogen
Linear velocity: 40cm/sec. (flow rate: 5cc/min.)
FID sensitivity: 8 x 10⁻¹¹ AFS

1. dimethylether
2. methanol
3. C4s
4. *tert*-butyl alcohol
5. methyl *tert*-butyl ether
6. *sec*-butylmethylether
7. diisobutylene
8. 4-vinylcyclohexene-1 (BD1B dimer)
9. triisobutylene

