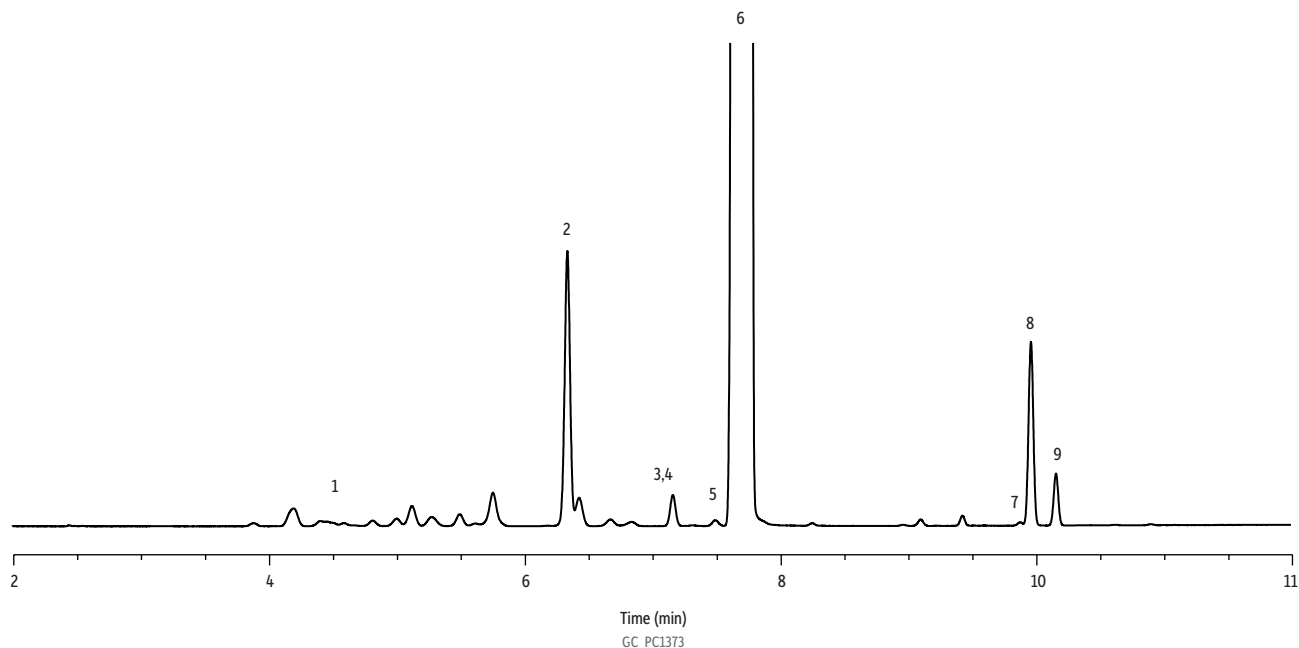


Methyl Isobutyl Ketone (MIBK) Purity Analysis (ASTM D3329) on Stabilwax



Peaks	tr (min)
1. Acetone	4.462
2. Methylene chloride (rinse)	6.343
3. 2-Pentanone	7.167
4. 3-Pentanone	7.167
5. 2-Methyl-3-pentanone	7.499
6. 4-Methyl-2-pentanone (MIBK)	7.746
7. 4-Methyl-3-penten-2-one (α,β -mesityl oxide)	9.883
8. 2-Methyl-5-hexanone (methyl isoamyl ketone)	9.967
9. 4-Methyl-2-pentanol (methyl isobutyl carbinol)	10.163

Column Stabilwax, 30 m, 0.53 mm ID, 1.00 μ m (cat.# 10655)
Sample Methyl isobutyl ketone
Conc.: Neat
Injection
Inj. Vol.: 0.5 μ L split (split ratio 50:1)
Liner: Topaz 4.0 mm ID Precision inlet liner w/ wool (cat.# 23305)
Inj. Temp.: 250 °C
Oven
Oven Temp.: 40 °C (hold 3 min) to 220 °C at 10 °C/min
Carrier Gas He, constant flow
Flow Rate: 3 mL/min
Detector FID @ 250 °C
Instrument Agilent 7890B GC