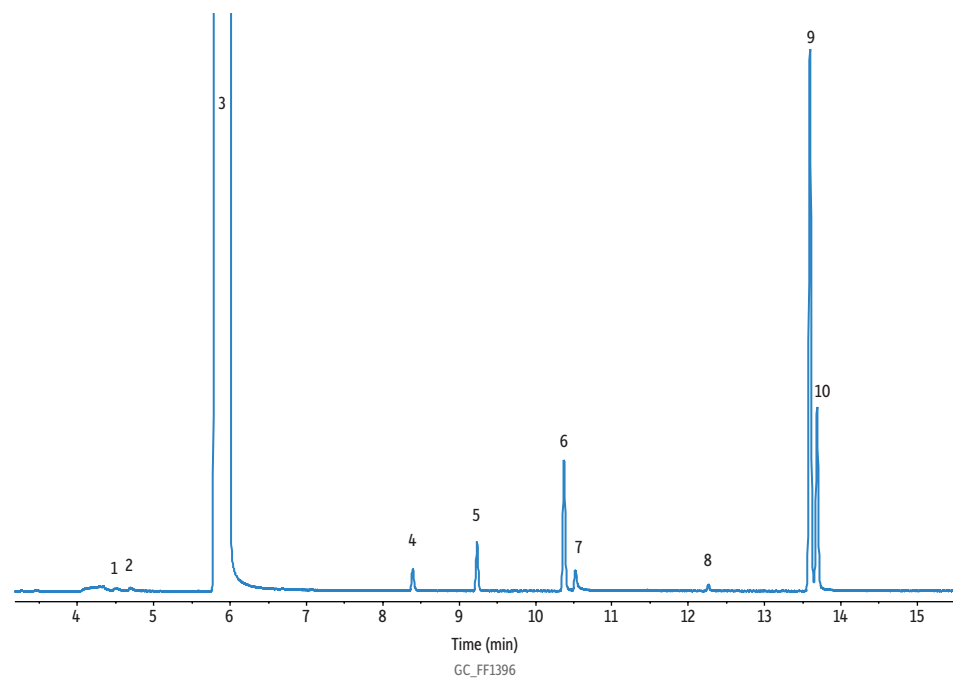


Rye Whiskey on Rtx-1301



Peaks	tr (min)
1. Acetaldehyde	4.493
2. Methanol	4.684
3. Ethanol	5.988
4. 1-Propanol	8.392
5. Ethyl acetate	9.234
6. Isobutanol	10.373
7. Acetic acid	10.521
8. Acetal	12.265
9. 3-Methyl-1-butanol	13.595
10. 2-Methyl-1-butanol	13.667

Column	Rtx-1301, 60 m, 0.25 mm ID, 1.0 µm (cat.# 16056)
Standard/Sample	Rye whiskey
Diluent:	n/a
Injection	
Inj. Vol.:	1 µL split (split ratio 100:1)
Liner:	Topaz precision inlet liner w/ wool, 4.0 mm x 6.3 x 78.5 (cat.# 23305)
Inj. Temp.:	250 °C
Split Vent Flow Rate:	140 mL/min
Oven	
Oven Temp.:	35 °C (hold 2.45 min) to 220 °C at 7 °C/min (hold 5 min)
Carrier Gas	He, constant flow
Flow Rate:	1.4 mL/min
Linear Velocity:	30.261 cm/sec @ 35 °C
Detector	MS
Mode:	Scan
Transfer Line Temp.:	280 °C
Analyzer Type:	Quadrupole
Source Temp.:	230 °C
Quad Temp.:	150 °C
Electron Energy:	1116 eV
Solvent Delay Time:	0.0 min
Tune Type:	PFTBA
Ionization Mode:	El
Instrument	Agilent 7890A GC & 5975C MSD