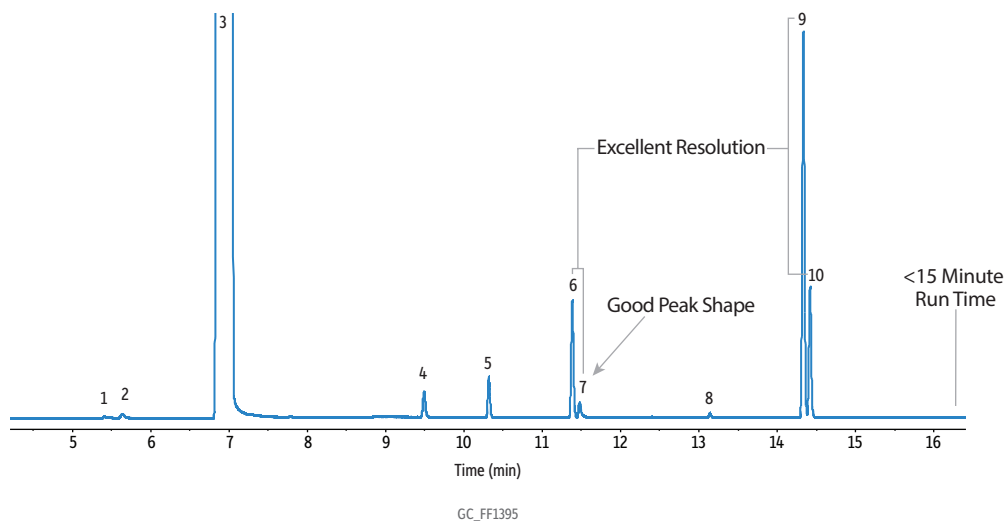


Rye Whiskey on Rtx-1301



Peaks	tr (min)
1. Acetaldehyde	5.405
2. Methanol	5.631
3. Ethanol	7.032
4. 1-Propanol	9.489
5. Ethyl acetate	10.318
6. Isobutanol	11.385
7. Acetic acid	11.472
8. Acetal	13.137
9. 3-Methyl-1-butanol	14.334
10. 2-Methyl-1-butanol	14.419

Column	Rtx-1301, 60 m, 0.25 mm ID, 1.0 µm (cat.# 16056)
Standard/Sample	Rye whiskey (neat)
Diluent:	n/a
Injection	
Inj. Vol.:	1 µL split (split ratio 100:1)
Liner:	Topaz precision inlet liner, 4.0 mm x 6.3 x 78.5, with wool (cat.# 23305)
Inj. Temp.:	250 °C
Split Vent Flow Rate:	144.4 mL/min
Oven	
Oven Temp.:	35 °C (hold 3 min) to 220 °C at 8 °C/min (hold 5 min)
Carrier Gas	He, constant flow
Flow Rate:	1.4 mL/min
Linear Velocity:	25.457 cm/sec @ 35 °C
Detector	FID @ 250 °C
Make-up Gas Flow Rate:	25 mL/min
Make-up Gas Type:	N ₂
Hydrogen flow:	35 mL/min
Air flow:	400 mL/min
Data Rate:	50 Hz
Instrument	Agilent 7890A GC