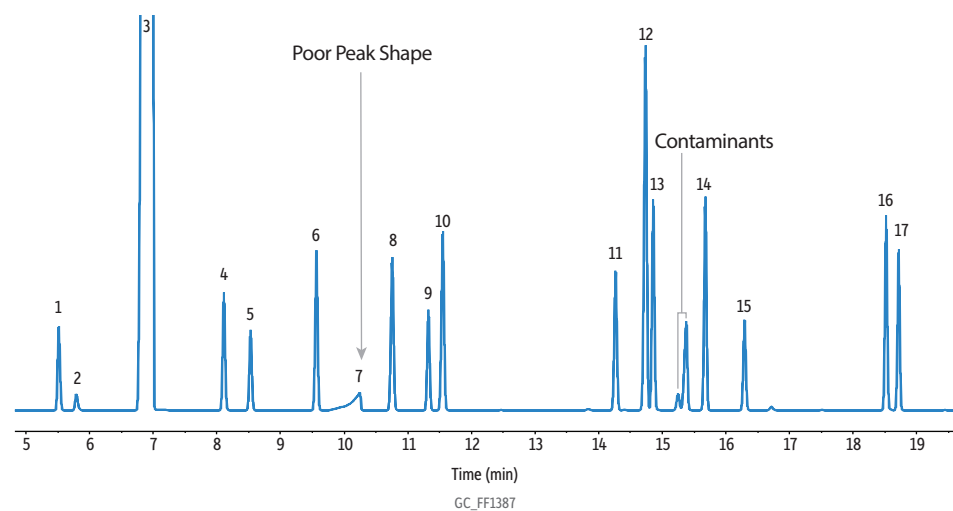


Custom Beverage Analysis Mix on Rtx-502.2



Peaks	tr (min)	Conc. (µg/mL)
1. Acetaldehyde	5.785	100
2. Methanol	5.508	100
3. Ethanol	6.971	100
4. Acetone	8.103	100
5. Ethyl formate	8.523	100
6. 1-Propanol	9.559	100
7. Acetic acid	10.244	100
8. 2-Butanol	10.750	100
9. Ethyl acetate	11.318	100
10. Isobutanol	11.544	100
11. Acetal	14.260	100
12. 3-Methyl-1-butanol	14.730	100
13. 2-Methyl-1-butanol	14.850	100
14. Propylene glycol	15.670	100
15. n-Amyl alcohol	16.286	100
16. Isoamyl acetate	18.511	100
17. Furfural	18.708	100

Column	Rtx-502.2, 60 m, 0.25 mm ID, 1.4 µm (cat.# 10916)
Standard/Sample	Custom beverage analysis
Diluent:	Ethanol
Conc.:	100 µg/mL 100:1 split
Injection	
Inj. Vol.:	1.0 µL split (split ratio 100:1)
Liner:	Topaz precision split liner (cat.# 23305)
Inj. Temp.:	250 °C
Split Vent Flow Rate:	140 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:	25.503 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