

Citrus Flavored Carbonated Beverage (Soda)

Column: CycloSil-B
30 m x 0.25 mm I.D., 0.25 µm
J&W P/N: 112-6632
Carrier: Helium at 37 cm/sec,
measured at 40°C
Oven: 40-190°C at 2°/min
Detector: HP 5973 MSD,
280°C transfer line
SPME Fiber: Polyacrylate fiber, 85 µm
Extraction: Headspace, no stir, NaCL
1g/10 mL sample
68 min at 27°C adsorption
Desorption: 250°C for 15 min, Split 1:5

1. S(-)-Limonene
2. p-Cymene
3. R(+)-Limonene
4. Octanol
5. γ-Terpinene
6. Nonanol
7. 2-Ethyl-1-Hexanol
8. Linalool
9. Decanol
10. Terpinen-4-ol
11. Phenethylalcohol
12. α-Terpineol
13. BHT

