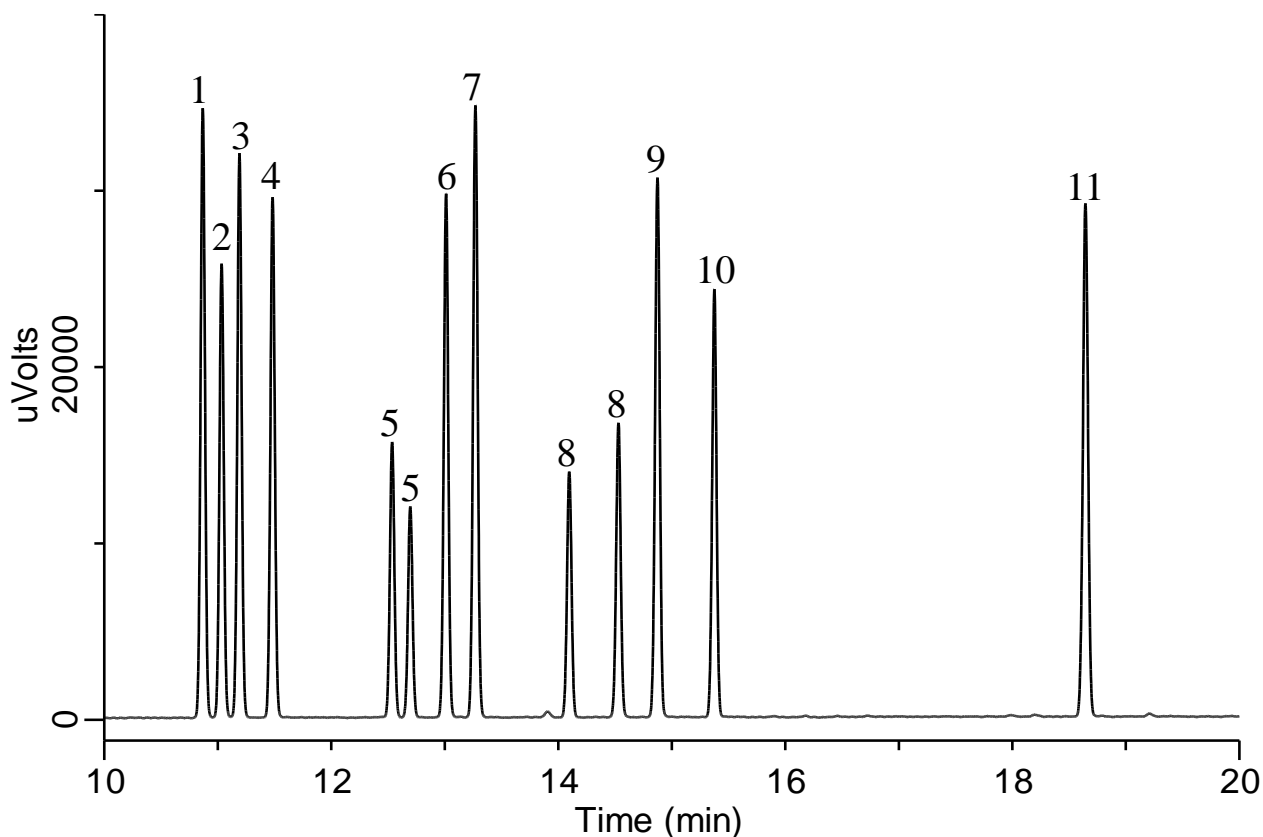


Flavor by Japanese Standards of Food Additives



Conditions

System : GC-FID
Column : InertCap Pure-WAX
 0.25 mm I.D. × 30 m df = 0.25 μm
Col. Cat. No. : 1010-68142
Col. Temp. : 50 °C - 5 °C/min - 230 °C (4 min hold)
Carrier Gas : He 80 kPa
Injection : Split flow 120 mL/min
 250 °C
Detection : FID Auto Range
 250 °C
Sample Size : 1000 μg/mL in Methanol
 1 μL

Analyte

1. 2,5-Dimethylpyrazine
 2. 2,6-Dimethylpyrazine
 3. 2-Ethylpyrazine
 4. 2,3-Dimethylpyrazine
 5. 2-Ethyl-5(6)-methylpyrazine*
 6. 2,3,5-Trimethylpyrazine
 7. 5-Ethyl-2-methylpyridine
 8. 2-Ethyl-3,(5or6)-dimethylpyrazine*
 9. 2,3,5,6-Tetramethylpyrazine
 10. 2,3-Diethyl-5-methylpyrazine
 11. 5-Methyl-6,7-dihydro
 -5H-cyclopentapyrazine

*Isomers mixture