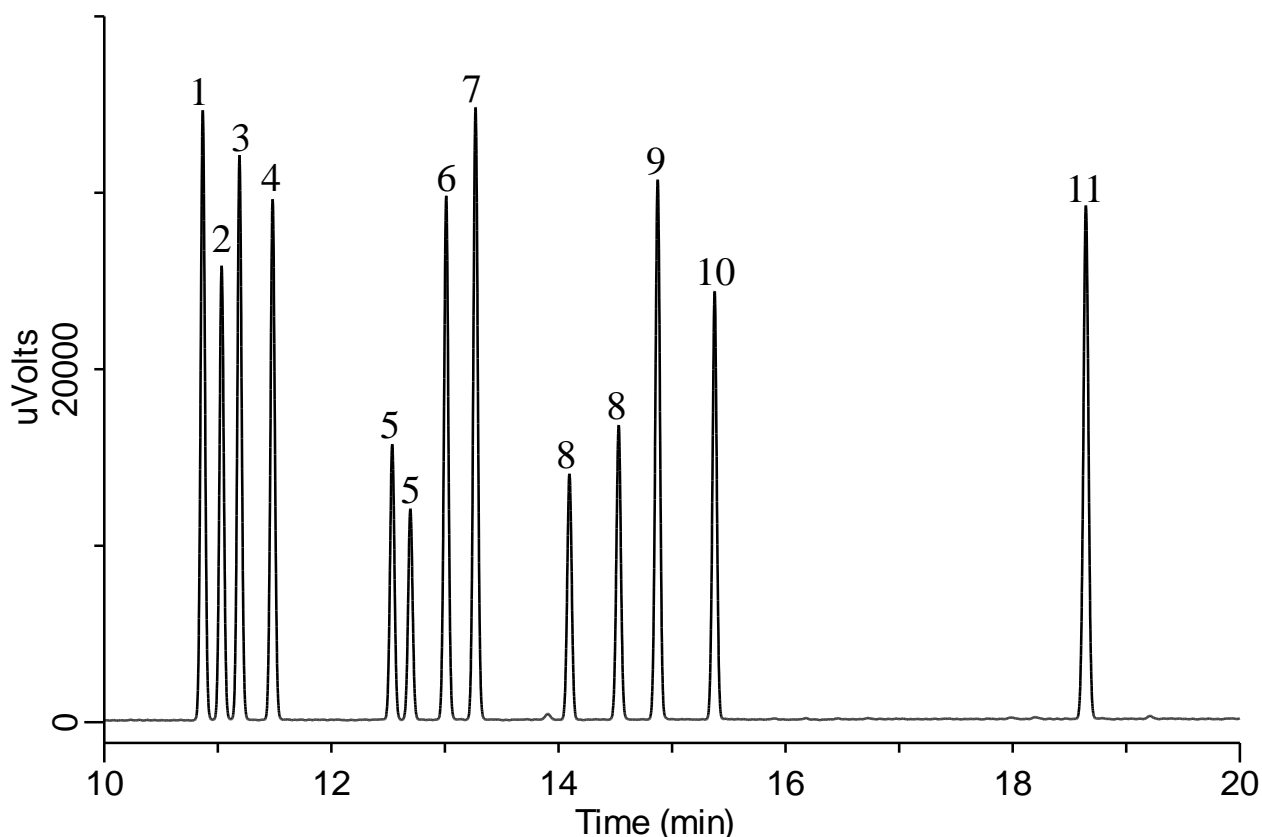


InertSearch™ for GC

InertCap® Applications

Flavor by Japanese Standards of Food Additives

Data No. GA295-0984



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