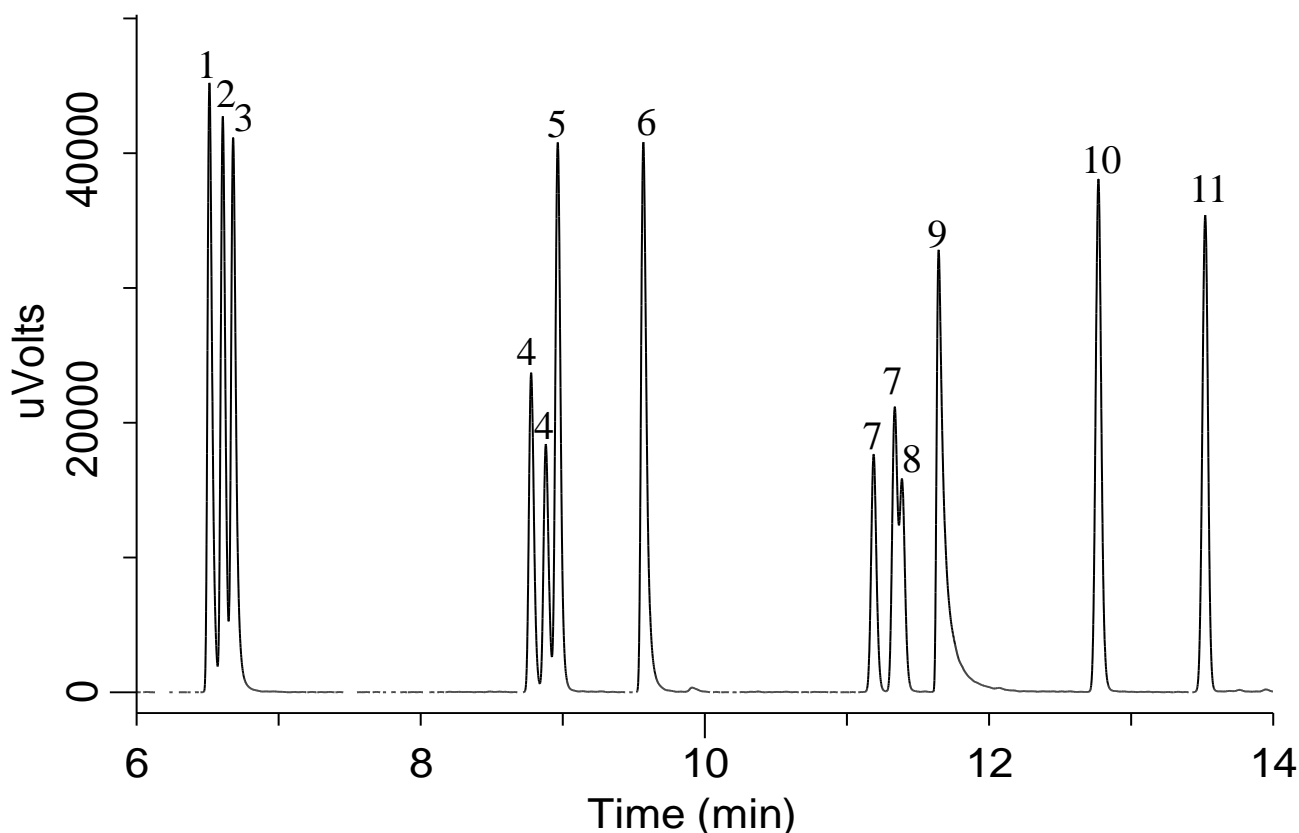


# InertSearch™ for GC

InertCap® Applications

## Flavor by Japanese Standards of Food Additives

Data No. GA294-0984



### Conditions

**System** : GC-FID  
**Column** : InertCap 1  
0.25 mm I.D. × 30 m df = 0.25 μm  
**Col. Cat. No.** : 1010-11142  
**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-Ethylpyrazine  
3. 2,3-Dimethylpyrazine  
4. 2-Ethyl-5(6)-methylpyrazine\*  
5. 2-Ethyl-3-methylpyrazine  
6. 5-Ethyl-2-methylpyridine  
7. 2-Ethyl-3,(5 or 6)-dimethylpyrazine\*  
8. 2,3,5,6-Tetramethylpyrazine  
9. Phenethylamine  
10. 5-Methyl-6,7-dihydro  
-5H-cyclopentapyrazine  
11. 2,3-Diethyl-5-methylpyrazine

\*Isomers mixture