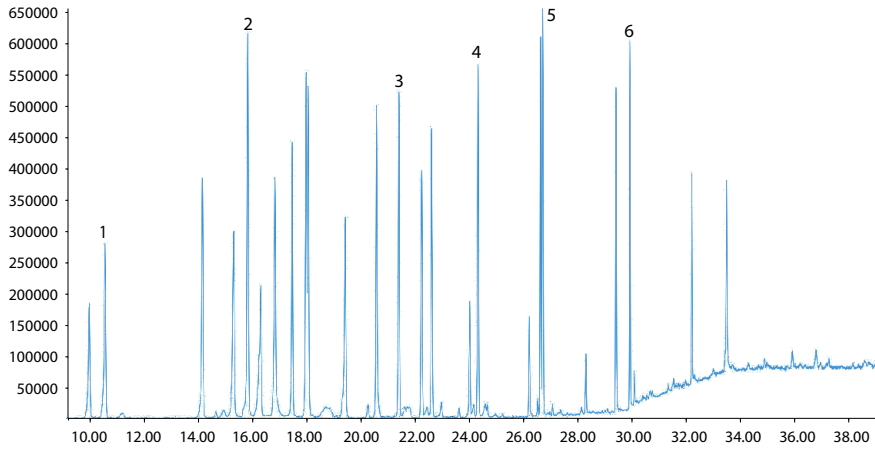


Flavor and Fragrance Esters

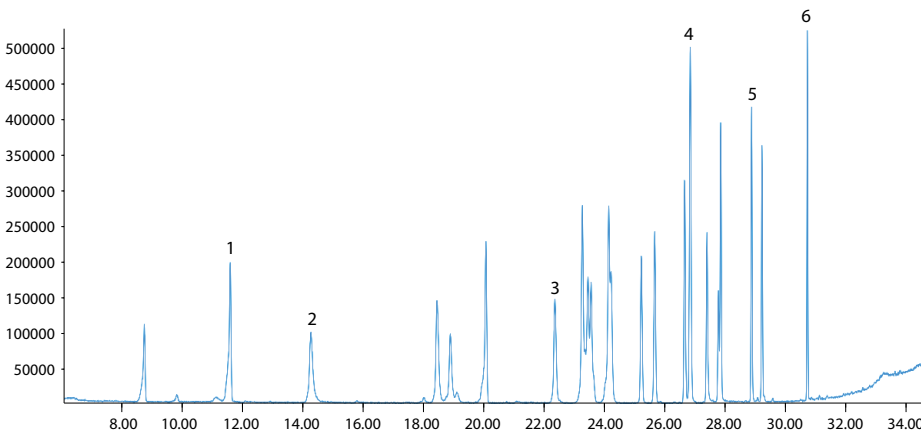


Inlet: 7500A/7101AR/SV Trap (see pp.12,8)
 Sample Size: 100cc
 Matrix Management: On Column
 Column: HP1, 60m, 0.32mm ID, 1um film
 Carrier: He, 1.5 ccm constant flow
 Oven Temp: 35°C 3 min, 6°C/min to 120°C, 10°C/min to 150°C, 25°C/min to 250°C, 10min hold
 GCMS: Agilent 6890/5973N
 MS Operation: 33-270 amu, 3.1Hz, EI, EM=0 Rel.
 Tune: BFB

Compounds:

1. Methyl butyrate
2. Isopropyl butyrate
3. Ethyl hexanoate
4. Ethyl heptanoate
5. Ethyl octanoate
6. Benzyl butyrate

Flavor and Fragrance Heterocyclics



Inlet: 7500/7101AR/SV Trap (see pp.12,8)
 Sample Size: 100cc
 Matrix Management: On Column
 Column: HP1, 60m, 0.32mm ID, 1um film
 Carrier: He, 1.5 ccm constant flow
 Oven Temp: 35°C 3 min, 6°C/min to 120°C, 10°C/min to 150°C, 25°C/min to 250°C, 10min hold
 GCMS: Agilent 6890/5973N
 MS Operation: 33-270 amu, 3.1Hz, EI, EM=0 Rel.
 Tune: BFB

Compounds:

1. Difluorobenzene (IS)
2. Thiazole
3. Methoxypyrazine
4. Trimethylpyrazine
5. Diethylpyrazine
6. 2-Isobutyl-3-ethoxypyrazine