

Supplementary materials

Table S1. Volatile compounds C6 and C5 divided into chemical classes and according to their formation from linoleic (LA) and linolenic (LnA) acids.

Fatty acid	Concentration (mg/kg) ¹					
	20 °C		25 °C		30 °C	
	30 min	45 min	30 min	45 min	30 min	45 min
ΣC6 LnA-Ald. ²	11.73 ± 1.93 ^a	20.51 ± 5.72 ^b	11.69 ± 0.46 ^a	20.76 ± 3.21 ^b	18.90 ± 3.25 ^b	11.21 ± 0.31 ^a
ΣC6 LnA-Alc. ³	1.38 ± 0.19 ^c	0.94 ± 0.48 ^{bc}	1.01 ± 0.03 ^{bc}	0.40 ± 0.05 ^a	0.59 ± 0.41 ^{ab}	1.04 ± 0.04 ^{bc}
ΣC6 LA-Ald. ⁴	0.76 ± 0.08 ^c	1.00 ± 0.05 ^d	0.68 ± 0.03 ^{bc}	0.45 ± 0.12 ^a	0.46 ± 0.17 ^a	0.56 ± 0.02 ^{ab}
ΣC6 LnA-Est. ⁵	0.53 ± 0.10 ^c	0.22 ± 0.05 ^{ab}	0.57 ± 0.03 ^c	0.30 ± 0.05 ^b	0.26 ± 0.04 ^{ab}	0.19 ± 0.01 ^a
ΣC6 LA-Est. ⁶	0.08 ± 0.02 ^b	0.07 ± 0.03 ^{ab}	0.14 ± 0.01 ^c	0.10 ± 0.01 ^{bc}	0.08 ± 0.04 ^b	0.04 ± 0.00 ^a
ΣC5 LnA-Alc. ⁷	0.49 ± 0.11 ^a	0.46 ± 0.04 ^{ab}	0.54 ± 0.03 ^{ab}	0.58 ± 0.17 ^a	0.68 ± 0.06 ^b	0.59 ± 0.01 ^{ab}
ΣC5 LnA-Ket. ⁸	0.46 ± 0.12 ^{ab}	0.42 ± 0.03 ^a	0.58 ± 0.04 ^{abc}	0.50 ± 0.12 ^{ab}	0.70 ± 0.16 ^c	0.62 ± 0.04 ^{bc}
ΣC5 LnA-Ald. ⁹	0.13 ± 0.02 ^{ab}	0.11 ± 0.01 ^{ab}	0.11 ± 0.01 ^a	0.18 ± 0.08 ^b	0.14 ± 0.04 ^{ab}	0.13 ± 0.02 ^{ab}
Σpen. Dim. ¹⁰	2.26 ± 0.40 ^a	2.07 ± 0.11 ^b	1.88 ± 0.09 ^a	2.11 ± 0.16 ^b	1.88 ± 0.40 ^b	1.55 ± 0.10 ^a

¹ Results are given as “mean ± standard deviation”. Values with the same superscript letters in the same row do not differ significantly between the samples for $p < 0.05$. ² Sum of (*E*)-2-hexenal and (*Z*)-2-hexenal; ³ Sum of (*E*)-3-hexen-1-ol and (*E*)-2-hexen-1-ol; ⁴ Hexanal; ⁵ (*Z*)-3-hexen-1-ol-acetate; ⁶ Hexyl acetate; ⁷ Sum of 1-penten-3-ol and 2-penten-1-ol; ⁸ 1-penten-3-one; ⁹ Pentanal; ¹⁰ 3-ethyl-1,5-octadiene (1-6).