A **Raspberry pomace**

B **Strawberry pomace**

Conventional extract

UEAE extract

C **Blackberry pomace**

Conventional extract

UEAE extract

Figure S1: UV Chromatograms (280 nm) for UPLC-DAD-ESI-MS/MS identification of polyphenolic compounds in raspberry (A), strawberry (B) and blackberry (C) pomaces UEAE and conventional extracts. Peak numbers refer to the identified phenolic compounds (Table 5).

Table S1: Composition of the lipidic fractions extracted from the raspberry, strawberry, and blackberry pomaces and UEAE extracts.

	Raspberry pomace	UEAE raspberry extract	Strawberry pomace	UEAE strawberry extract	Blackberry pomace	UEAE blackberry extract
Fatty acid profile[1]						
C16:0	3.8 ± 0.8[a]	3 ± 1[a]	3.9 ± 0.6[a]	5.8 ± 0.2[b]	5.0 ± 0.2[a]	5.1 ± 0.3[a]
C18:0	1.6 ± 0.3[a]	1.1 ± 0.3[a]	1.2 ± 0.06[a]	2.0 ± 0.1[b]	4.3 ± 0.3[a]	4.3 ± 0.2[a]
C18:1	11 ± 2[a]	11 ± 0.1[a]	12 ± 0.9[a]	14 ± 0.4[b]	21 ± 2[a]	21 ± 0.9[a]
C18:2	52 ± 7[a]	53 ± 0.5[a]	46 ± 4[a]	45 ± 2[a]	55 ± 5[a]	55 ± 3[a]
C18:3	32 ± 5[a]	32 ± 0.6[a]	38 ± 4[a]	32 ± 0.8[b]	13 ± 2[a]	13 ± 0.5[a]
C20:0	ND	ND	ND	1.3 ± 0.1	1.5 ± 0.04[a]	1.3 ± 0.05[a]
SFA	5 ± 1[a]	4 ± 2[a]	5.1 ± 0.6[a]	9.2 ± 0.3[b]	11 ± 0.5[a]	11 ± 0.5[a]
MUFA	11 ± 2[a]	11 ± 0.1[a]	12 ± 1[a]	14 ± 0.4[a]	21 ± 2[a]	21 ± 0.9[a]
PUFA	83 ± 11[a]	85 ± 2[a]	78 ± 8[a]	77 ± 2[a]	68 ± 6[a]	68 ± 3[a]
n-6/n-3 ratio	1.6 ± 0.2[a]	1.7 ± 0.1[a]	1.2 ± 0.2[a]	1.4 ± 0.1[b]	4.2 ± 0.1[a]	4.2 ± 0.1[a]
Total tocol content[2]	249 ± 8[a]	222 ± 16[a]	66 ± 5[a]	61 ± 5[a]	390 ± 20[a]	371 ± 10[a]
Tocol profile[1]						
α-tocopherol	17 ± 0.7[a]	18 ± 4[a]	38 ± 5[a]	39 ± 4[a]	14 ± 0.3[a]	16 ± 0.8[b]
γ-tocopherol	76 ± 3[a]	75 ± 4[a]	62 ± 3[a]	61 ± 5[a]	73 ± 4[a]	73 ± 3[a]
δ-tocopherol	7.3 ± 0.4[a]	7.1 ± 0.6[a]	NQ	NQ	13 ± 2[a]	12 ± 0.3[a]
Total phytosterol content[2]	1164 ± 7[a]	927 ± 133[a]	894 ± 23[a]	665 ± 69[b]	1074 ± 4[a]	771 ± 5[b]
Phytosterol profile[1]						
β-sitosterol	97 ± 0.8[a]	98 ± 14[a]	97 ± 3[a]	97 ± 2[a]	97 ± 0.5[a]	96 ± 0.5[a]
Campesterol	2.3 ± 0.3[a]	2.3 ± 0.3[a]	3.5 ± 0.4[a]	3 ± 0.2[a]	3.4 ± 0.2[a]	3.6 ± 0.2[a]
Stigmasterol	0.8 ± 0.1	NQ	NQ	NQ	NQ	NQ

Mean values are expressed with standard deviations (n = 3).

SFA: saturated fatty acids; MUFA: mono-unsaturated fatty acids; PUFA: poly-unsaturated fatty acids; ND: not detected; NQ: not quantified.

[1]: Expressed as a percentage of the total fatty acid or tocol or phytosterol content.

[2]: Expressed in mg of compounds per 100 g of oil.

Anova (P < 0.05): two different letters mean that the results are significantly different.