

Table 1. Lipid profile of the oils used in the emulsions (g fatty acids/100g oil mean \pm Standard deviation).

	Linseed Oil	Olive Oil
Caprylic C8:0	nd	nd
Capric C10:0	nd	nd
Lauric C12:0	0.02 \pm 0.00	nd
Miristic C14:0	0.06 \pm 0.01	0.04 \pm 0.02
Palmitic C16:0	5.88 \pm 0.15	9.85 \pm 0.11
<i>t</i> -Palmitoleic C16:1	nd	0.12 \pm 0.00
Palmitoleic C16:1	0.10 \pm 0.01	0.58 \pm 0.09
Stearic C18:0	4.62 \pm 0.09	2.91 \pm 0.04
Elaidic C18:1	0.11 \pm 0.03	0.29 \pm 0.03
Oleic C18:1 (ω -9)	20.06 \pm 0.46	78.27 \pm 0.2
<i>c</i> -Vaccenic C18:1 (ω -7)	0.80 \pm 0.02	2.44 \pm 0.06
<i>t</i> -Linoleic C18:2	0.01 \pm 0.00	0.04 \pm 0.01
<i>c-t</i> linoleic C18:1	0.06 \pm 0.01	0.03 \pm 0.00
<i>t-c</i> linoleic C18:1	0.10 \pm 0.01	0.05 \pm 0.01
Linoleic C18:2 (ω -6)	14.8 \pm 0.07	3.93 \pm 0.04
Arachidic C20:0	0.17 \pm 0.01	0.26 \pm 0.02
γ -linolenic C18:3 (ω -6)	0.22 \pm 0.01	0.16 \pm 0.00
Eicosenoic C20:1 (ω -9)	nd	nd
α -linolenic C18:3 (ω -3)	52.94 \pm 0.74	0.49 \pm 0.02
Behenic C22:0	nd	0.06 \pm 0.00
Brassicic C20:1	nd	nd
Erucic C22:1	nd	nd
Eicosatrienoic C20:3 (ω -3)	nd	nd
Arachidonic C20:4 (ω -6)	nd	0.55 \pm 0.03
Eicosapentaenoic C22:5 (ω -3)	nd	0.05 \pm 0.00
Nervonic C24:1 (ω -9)	nd	0.02 \pm 0.00
Docosatrienoic C22:3 (ω -3)	nd	nd
Docosapentaenoic C22:5 (ω -6)	nd	0.11 \pm 0.01
Lignoceric C24:0	nd	0.05 \pm 0.01
SFA	10.76 \pm 0.22	13.12 \pm 0.15
MUFA	20.95 \pm 0.51	81.31 \pm 0.26
PUFA	68.00 \pm 0.79	5.29 \pm 0.01
ω -3	52.94 \pm 0.20	0.53 \pm 0.02
ω -6	15.06 \pm 0.15	4.75 \pm 0.01
ω -6/ ω -3	0.28 \pm 0.01	8.89 \pm 0.34
Trans	0.28 \pm 0.04	0.53 \pm 0.03