

Table S2. SIM parameters for FAMES quantification in breast milk.

No.	FAME	Window (min)	Ion (m/z)	
			Quantification	Qualification
1	C6:0 - Caproic acid	2.30 – 4.50	74	87
2	C8:0 - Caprylic acid	4.50 – 6.60	74	87
3	C10:0 - Capric acid	6.60 – 8.30	74	87
4	C11:0 - Undecylic acid	8.30 – 9.30	74	87
5	C12:0 - Lauric acid	9.30 – 10.30	74	87
6	C13:0 - Tridecylic acid	10.30 – 11.30	74	87
7	C14:0 - Myristic acid	11.30 – 12.15	74	87
8	C14:1 (c9) - Myristoleic acid	12.15 – 12.75	55	74
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9	C15:0 - Pentadecylic acid	12.75 – 13.35	74	87
10	C15:1 (c10) - (Z)-10-Pentadecenoic acid	13.35 – 14.05	55	74
11	C16:0 - Palmitic acid	14.05 – 14.75	74	87
12	C16:1 (c9) - Palmitoleic acid	14.75 – 15.5	55	74
13	C17:0 - Margaric acid	15.50 – 16.35	74	87
14	C17:1 (c10) - (Z)-10-Heptadecenoic acid	16.35 – 17.40	55	69
15	C18:0 - Stearic acid	17.40 – 18.90	74	87
16	C18:1 (t9) - Elaidic acid		55	97
17	C18:1 (c9) - Oleic acid		55	97
18	C18:2 (t9,t12) - Linolelaidic acid	18.90 – 19.50	81	67
19	C18:2 (c9,c12) - Linoleic acid (LA)	19.50 – 20.30	81	67
20	C18:3 (c6,c9,c12) - Gamolenic acid (GLA)	20.30 – 21.20	79	67
21	C18:3 (c9,c12,c15) - Linolenic acid (ALA)	21.20 – 21.90	79	95
22	C20:0 - Arachidic acid	21.90 – 23.80	74	87
23	C20:1 (c11) - Gondoic acid		55	97
24	C20:2 (c11,c14) - Eicosadienoic acid	23.80 – 25.70	81	67
25	C21:0 - Heneicosylic acid		74	87
26	C20:3 (c8,c11,c14) - Dihomo-gamma-linolenic acid (DGLA)		79	80
27	C20:4 (c5,c8,c11,c14) - Arachidonic acid (AA)		79	80
28	C20:3 (c11,c14,c17) - Dihomolinolenic acid	25.70 – 26.90	95	108
29	C22:0 - Behenic acid	26.90 – 28.80	74	87
30	C22:1 (c13) - Erucic acid		320	55
31	C20:5 (c5,c8,c11,c14,c17) - Timnodonic acid (EPA)		79	91
32	C22:2 (c13,c16) - 13,16-Docosadienoic acid	28.80 – 29.70	81	67
33	C23:0 - Tricosylic acid	29.70 – 32.00	74	87
34	C24:0 - Lignoceric acid	32.00 – 33.70	74	87
35	C24:1 (c15) - Nervonic acid		348	55
36	C22:6 (c4,c7,c10,c13,c16,c19) - Cervonic acid (DHA)	33.70 – 36.00	79	91