

Table 3. Fatty acid profiles (FA% of total FA) of acyl-containing NL and PL of *Lithospermum officinale* seeds (C-15 sample)^{a,b,c,d}

Fatty acid	Neutral lipids					Polar lipids
	TE	TAG	FFA	DAG	MAG	
Lipid class% of total Lipids	1.3±0.2 ^d	93.1±2.1 ^a	1.8±0.3 ^c	1.4±0.2 ^d	2.4±0.7 ^b	2.3±0.3 ^b
12:0	n.d.	0.3±0.0 ^d	9.8±0.4 ^a	0.6±0.0 ^c	2.1±0.0 ^b	2.1±0.0 ^b
14:0	10.4±0.6 ^a	0.7±0.1 ^d	7.5±0.0 ^b	2.6±0.2 ^c	n.d.	1.7±0.0 ^d
15:0	1.6±0.0 ^d	0.7±0.0 ^e	5.0±0.0 ^a	0.6±0.1 ^e	3.0±0.1 ^c	4.3±0.2 ^b
16:0	18.0±2.1 ^a	8.6±0.2 ^d	n.d.	14.2±1.0 ^b	12.3±1.1 ^c	18.1±1.1 ^a
16:1 n -7	1.1±0.3 ^b	0.3±0.0 ^c	n.d.	n.d.	3.7±0.6 ^a	0.9±0.0 ^b
17:0	10.4±1.2 ^a	0.5±0.0 ^d	4.7±0.3 ^b	0.5±0.0 ^d	2.6±0.0 ^c	5.5±0.6 ^b
17:1	n.d.	n.d.	n.d.	0.6±0.1 ^a	n.d.	0.5±0.0 ^a
18:0	4.6±0.4 ^b	2.9±0.0 ^c	3.9±0.5 ^b	4.4±0.3 ^b	4.0±0.3 ^b	5.3±0.4 ^{a,b}
18:1 n -9	18.3±3.2 ^b	15.8±2.1 ^c	12.5±1.1 ^d	21.8±0.9 ^a	20.7±1.1 ^a	17.5±1.7 ^b
18:2 n -6	18.4±1.8 ^d	22.8±2.1 ^b	20.7±0.4 ^c	26.8±1.0 ^a	19.7±2.0 ^{c,d}	22.2±3.5 ^b
18:3 n -6	7.3±1.0 ^c	12.5±1.0 ^b	7.6±0.4 ^c	6.2±0.3 ^d	14.2±1.1 ^a	7.3±0.5 ^c
18:3 n -3	4.9±0.0 ^f	21.4±2.0 ^a	6.7±0.2 ^d	5.7±0.0 ^e	9.5±0.2 ^c	10.9±1.0 ^b
18:4 n -3	2.6±0.4 ^e	5.3±0.2 ^b	n.d.	9.5±0.9 ^a	3.6±0.0 ^d	2.4±0.0 ^e
20:0	1.1±0.2 ^d	5.2±0.1 ^a	n.d.	4.6±1.0 ^a	2.8±0.2 ^c	1.5±0.2 ^d
20:1 n -9	1.4±0.0 ^c	1.8±0.0 ^b	19.8±1.8 ^a	1.3±0.2 ^c	n.d.	n.d.
21:0	n.d.	n.d.	21.6±2.1 ^a	n.d.	n.d.	n.d.
22:0	n.d.	0.2±0.0 ^a	n.d.	n.d.	n.d.	n.d.
22:1 n -9	n.d.	1.0±0.0 ^a	n.d.	0.7±0.0 ^b	n.d.	n.d.
24:0	n.d.	n.d.	n.d.	n.d.	1.9±0.0	n.d.
n -3 PUFA	7.5	26.7	6.7	15.2	13.1	13.3
n -6 PUFA	25.7	35.3	28.3	33.0	33.9	29.5

^a Other FA of undetermined structure accounted for 100% of the total FA

^b Data represent means ± standard deviation of seeds analyzed in triplicate; n.d. not detected.

^c Differences in FA profiles were tested according to one-way ANOVA followed by Duncan's test.

^d In a row, means followed by different letter are significantly different at $P<0.05$