

Electronic supplementary material

Major lipids (mean  $\pm$  SEM of % TIC) found in femoral secretions of male Iberian rock lizards, *Lacerta monticola*, before and after twenty five days of being supplemented regularly with distilled water (C-males) or vitamin D<sub>3</sub> (S-males)

Compound	Before		After	
	C-males	S-males	C-males	S-males
Dodecanoic acid	1.2 $\pm$ 0.1	1.0 $\pm$ 0.1	1.8 $\pm$ 0.2	2.4 $\pm$ 0.2
Hexadecanoic acid	4.3 $\pm$ 0.6	4.2 $\pm$ 0.6	2.4 $\pm$ 0.3	2.6 $\pm$ 0.4
Hexadecenoic acid	0.2 $\pm$ 0.1	0.2 $\pm$ 0.1	0.1 $\pm$ 0.1	0.2 $\pm$ 0.1
Octadecanoic acid	1.1 $\pm$ 0.1	1.0 $\pm$ 0.2	0.8 $\pm$ 0.1	1.2 $\pm$ 0.2
Octadecenoic acid	2.1 $\pm$ 0.3	2.1 $\pm$ 0.4	0.9 $\pm$ 0.1	1.1 $\pm$ 0.2
Octadecadienoic acid	0.3 $\pm$ 0.1	0.3 $\pm$ 0.1	0.1 $\pm$ 0.1	0.3 $\pm$ 0.1
Eicosanoic acid	0.2 $\pm$ 0.1	0.2 $\pm$ 0.1	0.4 $\pm$ 0.1	0.2 $\pm$ 0.1
Cholesterol	74.5 $\pm$ 2.3	75.6 $\pm$ 2.1	76.4 $\pm$ 1.1	73.8 $\pm$ 1.5
Cholesta-5,7-dien-3-ol	0.4 $\pm$ 0.1	0.3 $\pm$ 0.1	0.3 $\pm$ 0.1	0.5 $\pm$ 0.1
Ergosterol	0.8 $\pm$ 0.1	1.0 $\pm$ 0.2	0.6 $\pm$ 0.1	1.0 $\pm$ 0.1
Stigmata-5,24-dien-3-ol	0.6 $\pm$ 0.1	0.9 $\pm$ 0.2	0.5 $\pm$ 0.1	0.9 $\pm$ 0.1
Campesterol	6.8 $\pm$ 0.9	6.5 $\pm$ 0.4	8.1 $\pm$ 0.5	8.2 $\pm$ 0.6
Ergosta-5.8-dien-3-ol	2.2 $\pm$ 0.5	1.9 $\pm$ 0.4	1.2 $\pm$ 0.1	1.0 $\pm$ 0.1
Lanost-8-en-3-ol	0.6 $\pm$ 0.1	0.4 $\pm$ 0.1	0.5 $\pm$ 0.1	0.4 $\pm$ 0.1
Sitosterol	1.6 $\pm$ 0.3	1.5 $\pm$ 0.2	2.8 $\pm$ 0.3	3.1 $\pm$ 0.3
4.4-Dimethyl-cholesta-5.7-dien-3-ol	2.8 $\pm$ 0.5	2.7 $\pm$ 0.6	1.9 $\pm$ 0.2	2.0 $\pm$ 0.3