

Table S2: Fatty acids detected by GC-MS in LMWM-SE and the LMWM-ESP of *A.**caninum*

Putative fatty acid	Somatic tissue extract		ESP extract
	Rt	(average peak area)	(average peak area)
Stearic acid (C18:0)*	16.70	14,750,360	446,220
Palmitic acid (C16:0)*	12.55	10,036,880	272,877
Elaidic acid (C18:1)	17.16	2,513,152	0
Arachidic acid (C20:0)	19.65	838,365	11,818
Margaric acid (C17:0)	15.28	613,914	9,488
Myristic acid (C14:0)	11.32	327,635	15,434
Behenic acid (C22:0)	22.47	184,279	0
Nonadecylic acid (C19:0)	18.18	140,757	4,915
Pentadecylic acid (C15:0)	12.55	124,540	8,049
Oleic acid (trans) (C18:1)*	17.36	100,954	36,702
Lignoceric acid (C24:0)	25.15	83,380	0
Erucic acid (C22:1)	23.08	56635	0
Petroselinic acid (cis) (C18:1)	17.28	55,532	0
Tricosylic acid (C23:0)	23.84	51,683	0
Lauric acid (C12:0)*	9.25	41,569	3,826
Capric acid (C10:0)*	7.70	40,272	16,411
Heneicosylic acid (C21:0)	21.06	35,664	12,399
Caprylic acid (C8:0)*	6.87	33,723	0
Pelargonic acid (C9:0)	7.20	16,287	0
Tridecylic acid (C13:0)	10.19	4,608	42,679
Undecylic acid (C11:0)	8.42	2,680	202,431

Nervonic acid (C24:1)	25.80	1,136	0
Stearidonic acid (C18:4)	19.59	0	14,634
Linoleic acid (C18:2)*	18.36	0	79,111
Docosatetraenoic acid (C22:4)	24.59	0	15,753

*Reported anti-inflammatory activities of metabolites found in the non-polar somatic extracts of *A. caninum*. Rt = Retention time