

Table S8. Retention time and instrument settings for the analyzed compounds.

Compound name	Retention time (min)	Q1 (m/z)	Q2 (m/z)	Dwell (s)	Cone voltage (V)	Collision energy (V)
Histidine ring (¹³ C ₁)	1.7	327.3	171.0	0.128	24	21
Taurine	2.3	296.1	171.0	0.061	18	15
Glutamine (d ₅)	2.8	322.2	171.0	0.061	22	24
Carnosine	2.8	397.2	171.0	0.061	24	21
Anserine	3.1	411.3	171.0	0.128	24	21
Balenine	3.3	411.3	171.0	0.128	24	21