

Supplemental Table 5

	8-HEPE	EPA (free fatty acid)
Pacific krill	21.8 ± 8.8	157.9 ± 36.6
Atlantic krill	11.4 ± 3.4	329.3 ± 81.5
Japanese pilchard	0.9 ± 0.2	10.9 ± 3.6
Pacific saury	0.4 ± 0.4	14.3 ± 1.7

Table S5. Contents of 8-HEPE and EPA in Pacific krill, Atlantic krill, Japanese pilchard and Pacific saury. The values indicate 8-HEPE or EPA content (mg) in frozen samples (100 g). The values are mean ± SD (N = 3). Frozen samples were homogenized and then extracted with methanol (1:10 by weight per volume) under reflux for four hours. The supernatant was filtered and evaporated. Methanol extracts were dissolved with methanol (1 mg/ml). 8-HEPE and EPA concentration of these extracts were measured using with LC-TOFMS.