**Table S6**

|  |  |  |  |
| --- | --- | --- | --- |
| Metabolites [(ng/100 l serum] | Young | Elderly | Centenarians |
| LTE4 | 0.015 ± 0.014 | 0.013 ± 0.011 | 0.035 ± 0.031 b(\*),c(\*) |
| EPA | 0.097 ± 0.036 | 0.123 ± 0.052 | 0.078 ± 0.026 b(\*\*\*) |
| 15-HETE | 1.512 ± 1.949 | 1.255 ± 1.245 | 3.348 ± 2.865 b(\*),c(\*) |
| 11,12-DiHETrE | 0.017 ± 0.006 | 0.017 ± 0.004 | 0.015 ± 0.006 c(\*) |
| 9-oxo-ODE | 0.042 ± 0.028 | 0.043 ± 0.039 | 0.022 ± 0.013 b(\*\*\*),c(\*\*\*) |
| 9-HODE | 0.348 ± 0.223 | 0.397 ± 0.677 | 0.204 ± 0.211 b(\*) |
| 8,9-EpETrE | 0.067 ± 0.101 | 0.074 ± 0.186 | 0.113 ± 0.107 b(\*) |