**Supplementary file 5. Selected *m/z* values for Chl-OAHFAs in MS/MS analysis.**

|  |  |  |
| --- | --- | --- |
| OAHFA moiety | Precursor ion (Q1)[M + NH4]+ | Product ion (Q3)[Cholesterol–H2O]+ |
| C42:1 | 1018.0 | 369.4 |
| C44:1 | 1046.0 | 369.4 |
| C46:1 | 1074.0 | 369.4 |
| C48:1 | 1102.1 | 369.4 |
| C50:1 | 1130.1 | 369.4 |
| C52:1 | 1158.1 | 369.4 |
| C54:1 | 1186.2 | 369.4 |
| C42:2 | 1016.0 | 369.4 |
| C44:2 | 1044.0 | 369.4 |
| C46:2 | 1072.0 | 369.4 |
| C48:2 | 1100.1 | 369.4 |
| C50:2 | 1128.1 | 369.4 |
| C52:2 | 1156.1 | 369.4 |
| C54:2 | 1184.2 | 369.4 |