

Supplemental Figure 1. Low energy MS/MS spectra obtained via CID of electrospray-generated carboxylate anion [M-H or D]⁻ from the LC peak of a HDHA as follows: A) mono-hydroxy docosahexaenoic acids: 20-HDHA, 17-HDHA, 16-HDHA, 14-HDHA, 13-HDHA, 11-HDHA, 10-HDHA, 8-HDHA, 7-HDHA, or 4-HDHA; B) O,O-d₂-mono-hydroxy docosahexaenoic acids: d₂-20-HDHA, d₂-17-HDHA, d₂-16-HDHA, d₂-14-HDHA, d₂-13-HDHA, d₂-11-HDHA, d₂-10-HDHA, d₂-8-HDHA, d₂-7-HDHA, or d₂-4-HDHA. Each inset depicts the structure and CID fragmentation.