

Supplementary Material: Changes in Plasma Bioactive Lipids and Inflammatory Markers during a Half-Marathon in Trained Athletes

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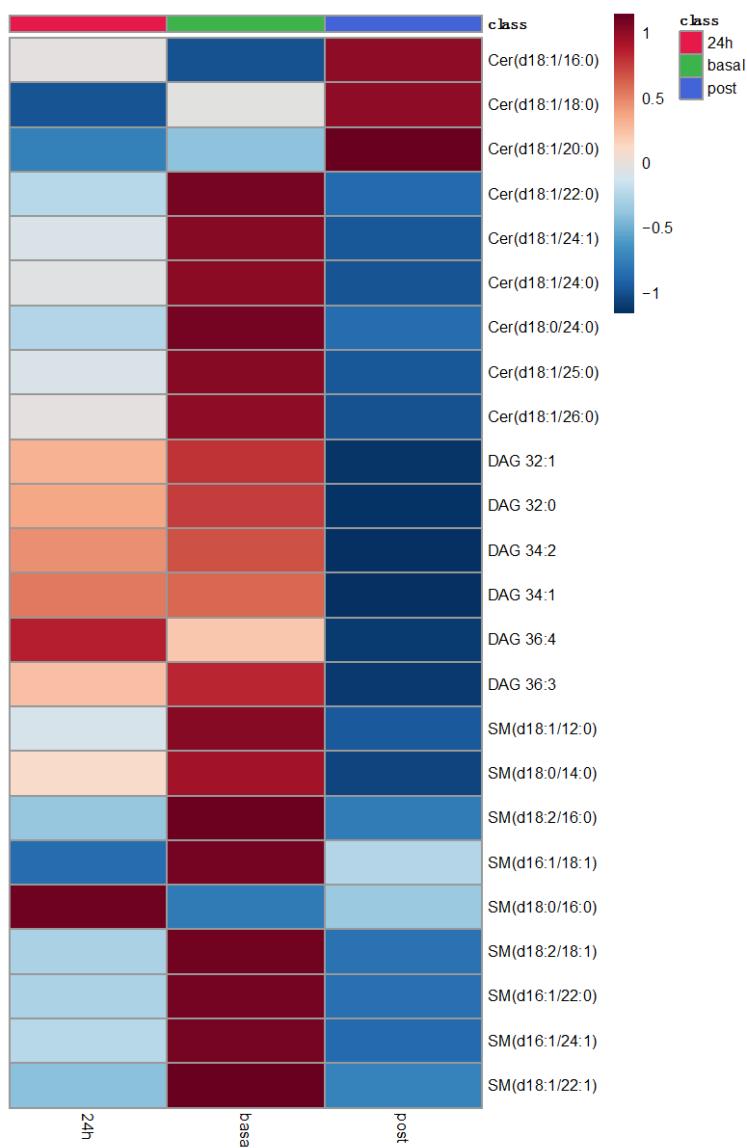


Figure S1. Heatmap showed concentration value in lipid species during the three assessment times.

A heatmap provides intuitive visualization of a data table. Each colored cell on the map corresponds to a concentration value in your data table, with samples in rows and features/compounds in columns. One can use a heatmap to identify samples/features that are unusually high/low.

Distance measurement: Euclidean
 Clustering Algorithm: Ward
 DataSource: normalized data t test

Table S3. metabocard for Ceramides assessed in the study.

Ceramides evaluated in runners	COMMON NAME	Synonyms	Chemical Formula	ChEBI Name
18:1/16:0	Cer(d18:1/16:0)	C16 Cer	C ₃₄ H ₆₇ NO ₃	C16-0(Palmitoyl)ceramide
18:1/18:0	Cer(d18:1/18:0)	C18 Cer	C ₃₆ H ₇₁ NO ₃	N-(Octadecanoyl)ceramide
18:1/25:0	Cer(d18:1/25:0)	C25 Cer	C ₄₃ H ₈₅ NO ₃	N-acylsphingosines (ceramides)
18:1/26:0	Cer(d18:1/26:0)	C26 Cer	C ₄₄ H ₈₇ NO ₃	N-(Hexacosanoyl)ceramide
18:2/22:0	Cer(d18:1/22:0)	C22 Cer	C ₄₀ H ₇₉ NO ₃	N-(Docosanoyl)ceramide
18:1/24:1	Cer(d18:1/24:1)	C24:1 Cer	C ₄₂ H ₈₁ NO ₃	N-(15-cis)-Tetracosenoylsphingosine
18:0/24:0	Cer(d18:0/24:0)	C24DH Cer	C ₄₂ H ₈₅ NO ₃	Ceramide-1 (sphinganine:n-C24:0)
18:1/24:0	Cer(d18:1/24:0)	C24 Cer	C ₄₂ H ₈₃ NO ₃	N-(Tetracosanoyl)ceramide