1 Supplementary material

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Cantarero et al., "Lipid remodeling in phytoplankton exposed to multi-environmental drivers in a
mesocosm
experiment"

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8 Figure S1: Linear regressions between pH and relative abundance of IPL classes DG (A) and SQ (B). The statistical significance of 9 regression is denoted by the p value in the upper left corner, whereas the goodness of fit is denoted by R².



Figure S2. Linear regressions between Temperature and the number of unsaturation in IPL molecules (weighted average). Statistical significance of regression denoted by p value in upper left corner, and goodness of fit by R².



Figure S3. Linear regression between Temperature and the relative abundance of DG lipids. B) Linear regression between the surface-normalized light level (expressed as a %) and PG+PC relative abundances. Goodness of fit reported as R² and statistical







Figure S5. Ratios of IPL/chl-a concentration (μg/mg) presented for surface and subsurface waters in each mesocosm. Solid lines
represent average ratios for surface (red) and subsurface (blue) samples.