

Supplement of Biogeosciences, 16, 2961–2981, 2019
<https://doi.org/10.5194/bg-16-2961-2019-supplement>
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Supplement of

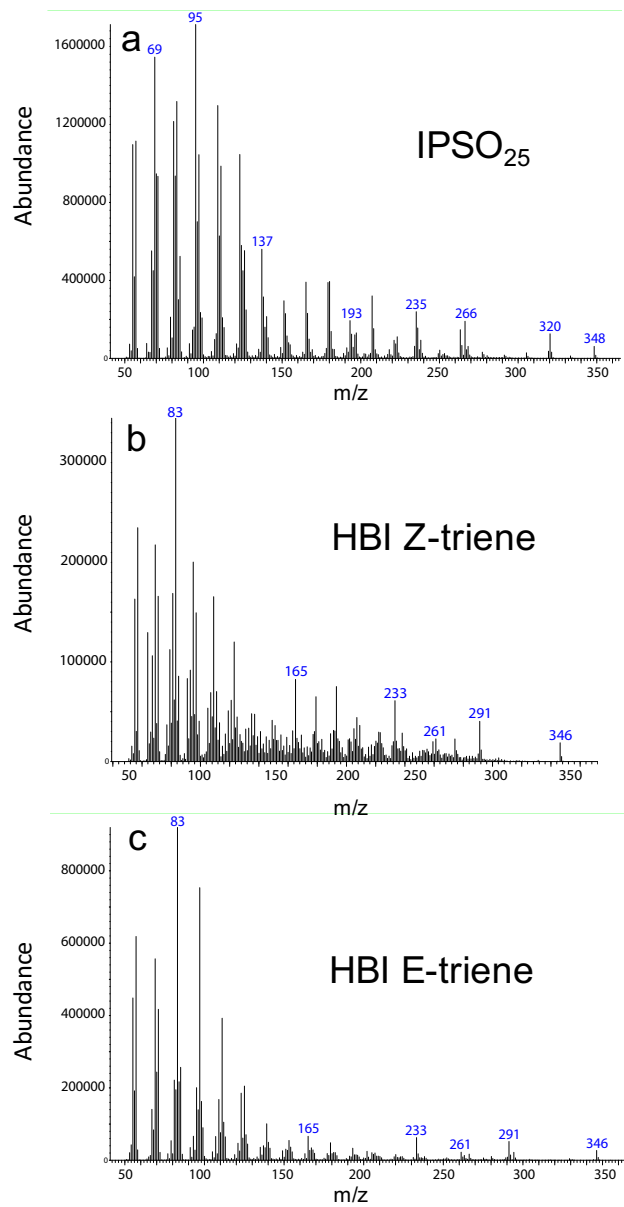
Highly branched isoprenoids for Southern Ocean sea ice reconstructions: a pilot study from the Western Antarctic Peninsula

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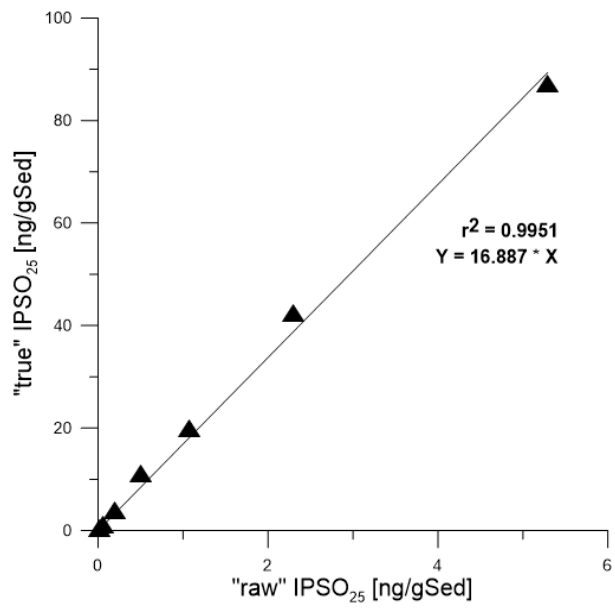
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Supplementary Material



Supplement S1: Examples of mass spectra of IPSO₂₅ (m/z 348), HBI Z-triene and E-triene (both m/z 346) obtained from surface sediments in the study area.



Supplement S2: Example calibration curve for the quantification of IPSO₂₅. Different (true) IPSO₂₅ concentrations determined via gas chromatography-flame ionization are plotted against (raw) IPSO₂₅ concentrations determined via gas chromatography-mass spectrometry using selected ion monitoring (m/z 348). The instrumental response factor is obtained from the regression line.