

Figure S1. Mass chromatograms of aliphatic hydrocarbon fraction of sample S7

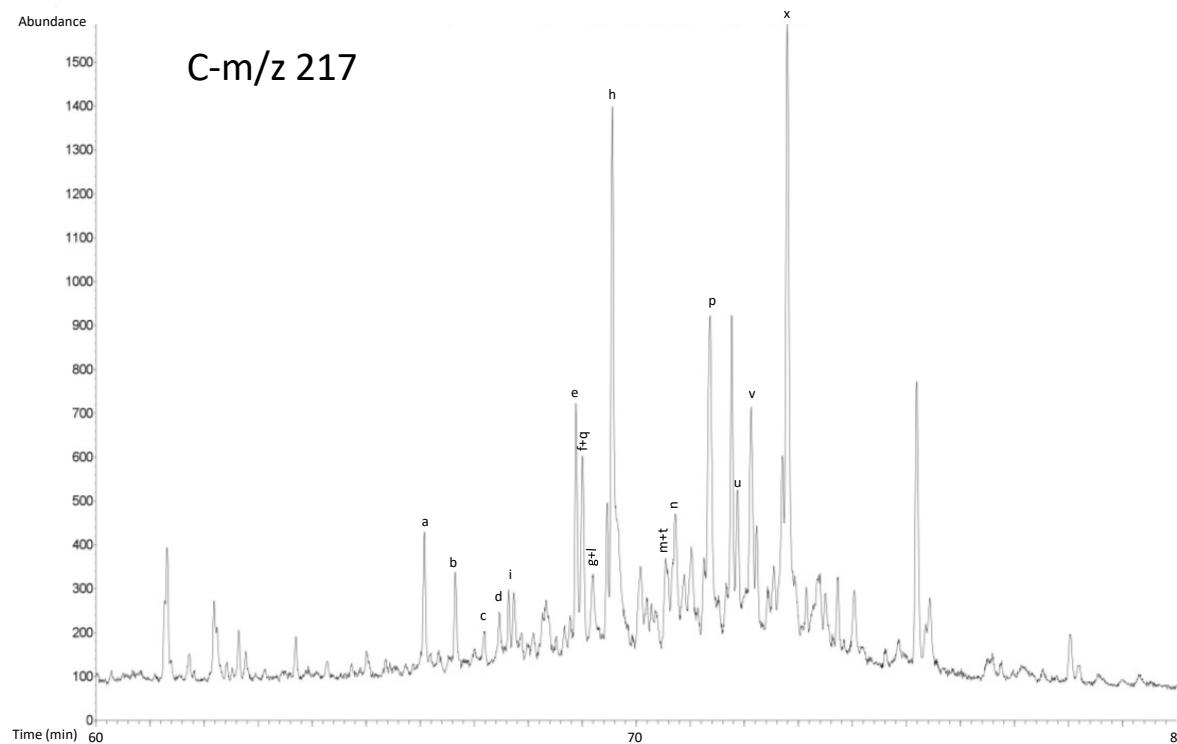
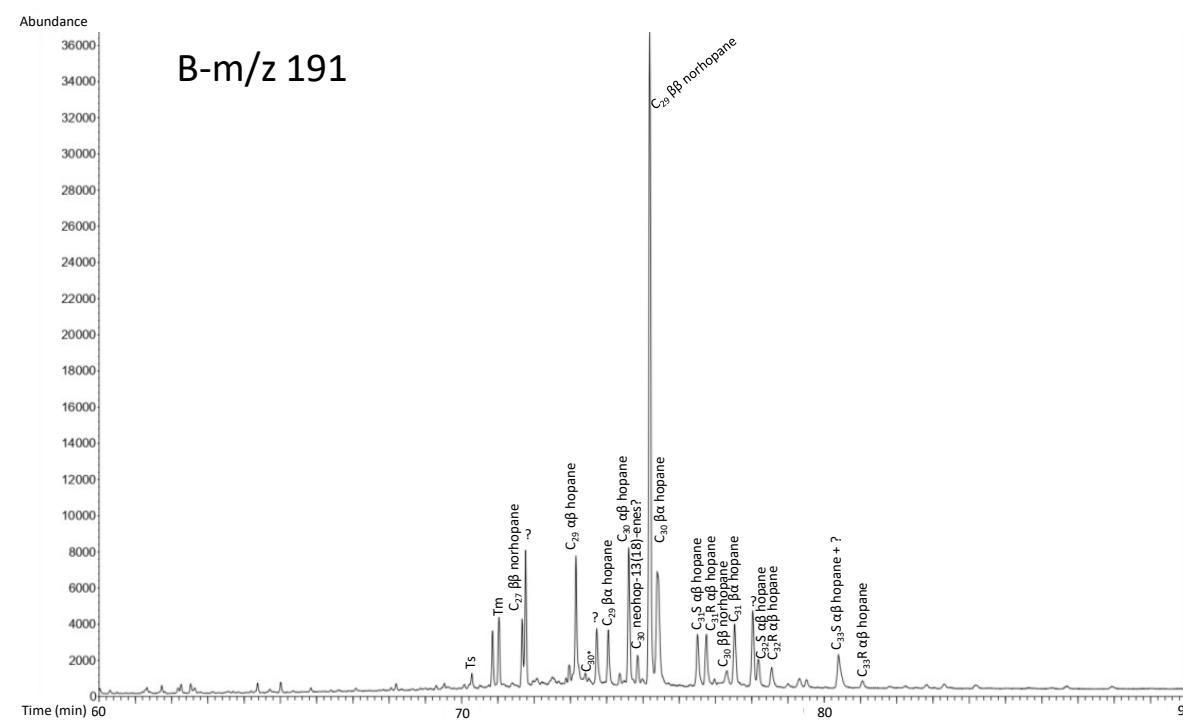
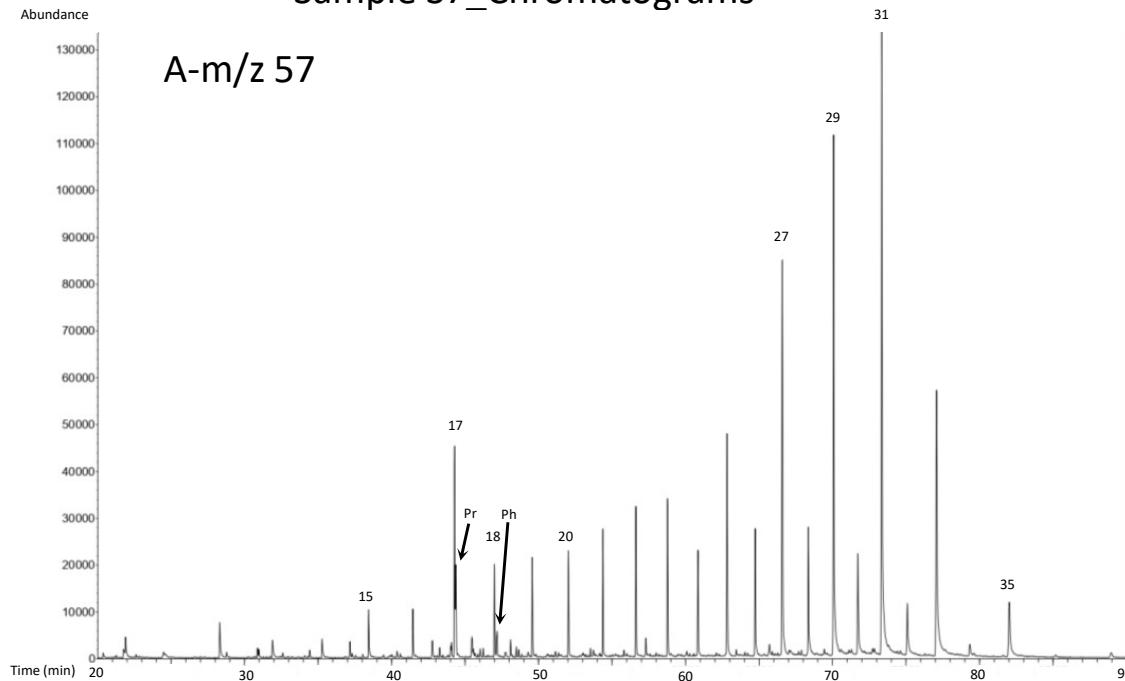
Geological Magazine

Title: Integrating heavy-mineral, geochemical, and biomarker analyses of Plio-Pleistocene sandy and silty turbidites: a novel multidisciplinary approach for provenance studies (Indus Fan, IODP Expedition 355).

Authors: S. Andò, S. Aharonovich, A. Hahn, S.C. George, P.D. Clift, E. Garzanti

Supplementary Materials

Sample S7_Chromatograms



Caption figure S1.

Mass chromatograms of aliphatic hydrocarbon fraction of sample S7. **(A)** m/z 57 showing the distribution of n-alkanes (e.g. 27), pristane (Pr), and phytane (Ph). **(B)** m/z 191, showing the distribution of hopanes where Ts = C₂₇ 18α(H)-trisnorhopane, Tm = C₂₇ 17α(H)-trisnorhopane, C₂₇β = C₂₇ 17β(H)-trisnorhopane, αβ = 17α(H),21β(H) hopanes, βα = 17β(H),21α(H) hopanes, and ββ = 17β(H),21β(H) hopanes. **(C)** m/z 217 showing the distribution of diasteranes and steranes, where a = C₂₇ 20S 13β(H),17α(H)-diasterane, b = C₂₇ 20R 13β(H),17α(H)-diasterane, c = C₂₇ 20S 13α(H),17β(H)-diasterane, d = C₂₇ 20R 13α(H),17β(H)-diasterane, i = C₂₈ 20S 13β(H),17α(H)-diasterane, e = C₂₇ 20S 5α(H),14α(H),17α(H)-cholestane, f+q = C₂₇ 20R 5α(H),14β(H),17β(H)-cholestane + C₂₇ 5β(H)-cholestane + C₂₉ 20S 13β(H),17α(H)-diasterane, g+l = C₂₈ 20S 5α(H),14β(H),17β(H)-cholestane + C₂₈ 20R 13α(H),17β(H)-diasterane, h = C₂₇ 20R 5α(H),14α(H),17α(H)-cholestane, r = C₂₉ 20R 13β(H),17α(H)-diasterane, m+t = C₂₈ 20S 5α(H),14α(H),17α(H)-ergostane + C₂₉ 20R 13α(H),17β(H)-diasterane, n = C₂₈ 20R 5α(H),14β(H),17β(H)-ergostane, p = C₂₈ 20R 5α(H),14α(H),17α(H)-ergostane, u = C₂₉ 20S 5α(H),14α(H),17α(H)-stigmastane, v = C₂₉ 20R 5α(H),14β(H),17β(H)-stigmastane + C₂₉ 5β(H)-stigmastane, w = C₂₉ 20S 5α(H),14β(H),17β(H)-stigmastane, x = C₂₉ 20R 5α(H),14α(H),17α(H)-stigmastane.