

Supplementary data for

## Composition of Hydrocarbons in Diamonds, Garnet, and Olivine from Diamondiferous Peridotites from the Udachnaya Pipe in Yakutia, Russia

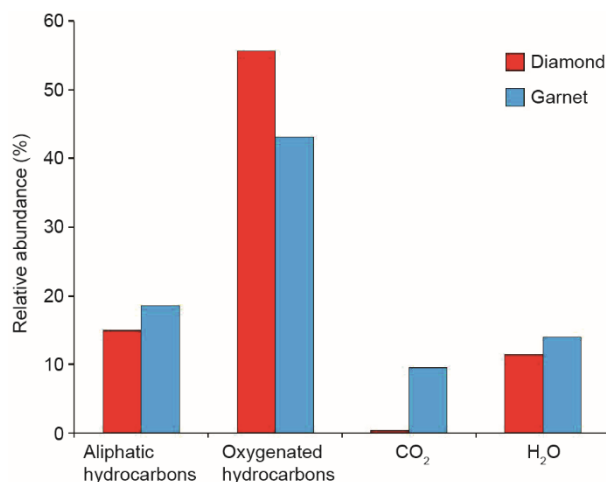
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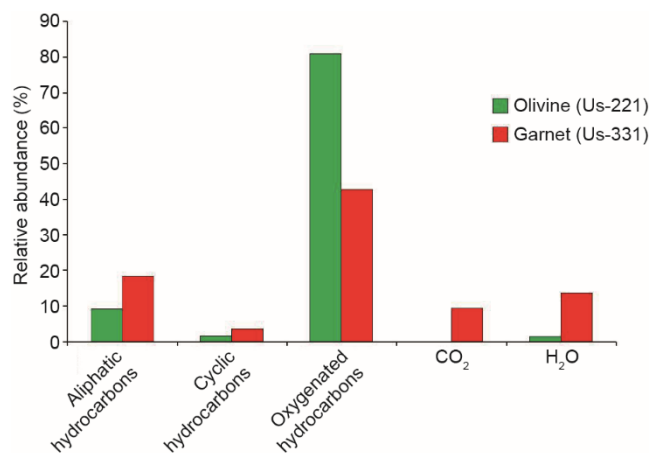
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**Fig. S1.** Relative content of aliphatic hydrocarbons, oxygenated hydrocarbons, carbon dioxide and water in the diamond and garnet from the diamondiferous lherzolite (U-331) of the Udachnaya pipe, Yakutia.



**Fig. S2.** Relative content of hydrocarbons (aliphatic, cyclic, oxygenated and heterocyclic), nitrogenated compounds, carbon dioxide and water in the olivine from the diamondiferous dunite (Us-221) and garnet from the diamondiferous peridotite (U-331) of the Udachnaya pipe, Yakutia.