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* You should state whether an appropriate sample size was computed when the study was being designed
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Not applicable to our work. No sample-size estimations were used in the study.

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* You should report how often each experiment was performed
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Not applicable to our work. No replications were performed in the study.

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Not applicable to our work. Statistical methods have not been used in the study.

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Not applicable to our work. We have worked on palaeontological data.

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Palynomorphs taxa and their abundances are available in Supplementary File 1. Source data of FTIR analyses are available in Figure 3—source data 1–3. Source data of GC-MS are available in Figure 3—source data 4.