

A gas-chromatographie study of hydrocarbon formation in natural samples containing sulfate-reducing bacteria

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Abstract

A procedure is described for the gas-chromatographic analysis of hydrocarbons formed in bottom sediment samples by indigenous sulfate-reducing bacteria. The method proved sensitive enough to reliably establish the ability of sulfate-reducing bacteria to synthesize hydrocarbons in sediment samples incubated under CO₂ + H₂.
