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## **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 CO<sub>2</sub> + H<sub>2</sub>.

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