

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

Bagaeva T.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

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. © 1996 MAHK Hayka/Interperiodica Publishing.
