

SUPPLEMENTARY INFORMATION:

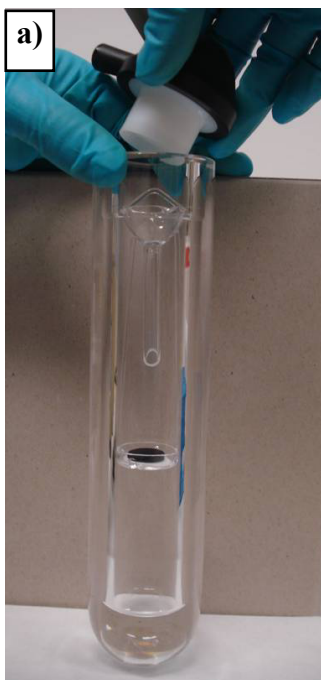
1. Sample of residue from atmospheric distillation of crude oil wrapped in a polyethylene film.



2. Sequence of sample preparation for MIC procedure. (a) addition of absorbing solution; (b) addition of ammonium nitrate as aid for ignition (50 μ l) and (c) sample of residue from atmospheric distillation of crude oil on the holder for combustion.



3. (a) capping of the vessel for MIC procedure and (b) charging vessels with oxygen (20 bar) for MIC procedure.



4. View of sample combustion using MIC procedure (500 mg of sample, 6 ml of absorbing solution, 20 bar of O₂, 5 s of microwave irradiation at 1400 W, temperature about 1400 °C).

