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## Hydrocarbon Fingerprinting of Kraka and neighboring oil fields - Tracking temporal changes in oil and core samples during long term production and EOR experiments

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Temporal characterization of the hydrocarbon composition for relevant DUC oil fields during long term oil production and core-flooding experiments. Oil and core samples are analyzed using state-of-the-art analytical platforms (e.g. GC-MS, GCxGC-HRTOFMS and LC-HRTOFMS) coupled with chemometric data treatment in order to describe the polar and non-polar hydrocarbon fraction with respect to geochemical properties (e.g. source rock, thermal maturity, biodegradation) and enhanced oil recovery (EOR).



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