SILICON SPECIATION IN LIGHT PETROLEUM PRODUCTS USING GAS CHROMATOGRAPHY COUPLED TO ICP-MS/MS

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Content

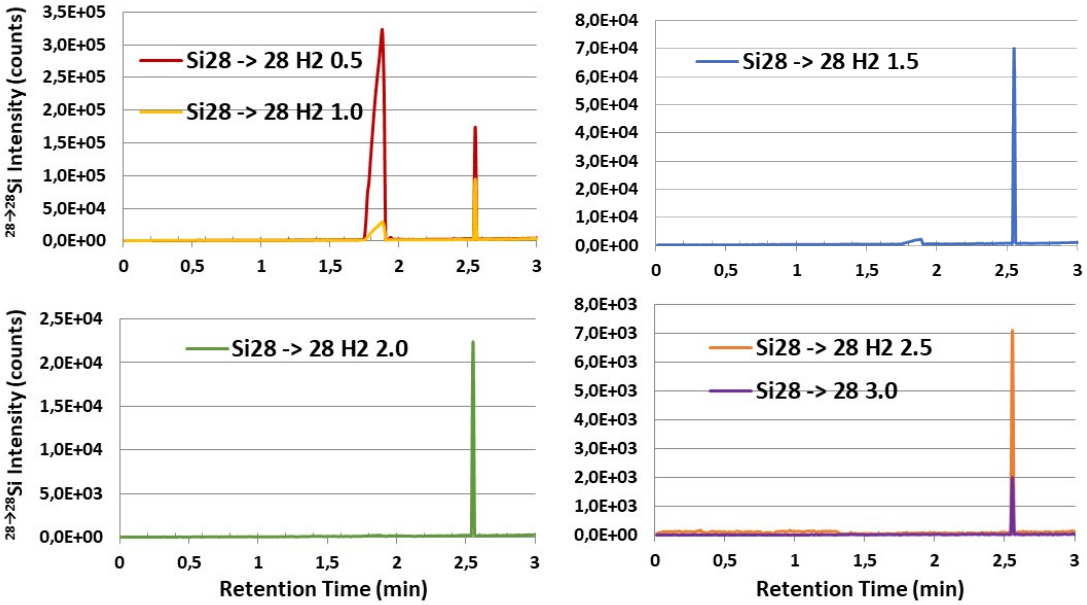

Figure S1. GC–ICP-MS chromatograms D4 at 1 mg kg^{-1} in heptane at different flow rates of H_2 in the ORC 0.5 ml min^{-1} (red); 1.0 ml min^{-1} (yellow); 1.5 ml min^{-1} (blue); 2.0 ml min^{-1} (green); 2.5 ml min^{-1} (orange); 3.0 ml min^{-1} (purple). Carrier gas flow rate: 0.5 L min^{-1}; optional gas flow rate: 0.15 L min^{-1}.

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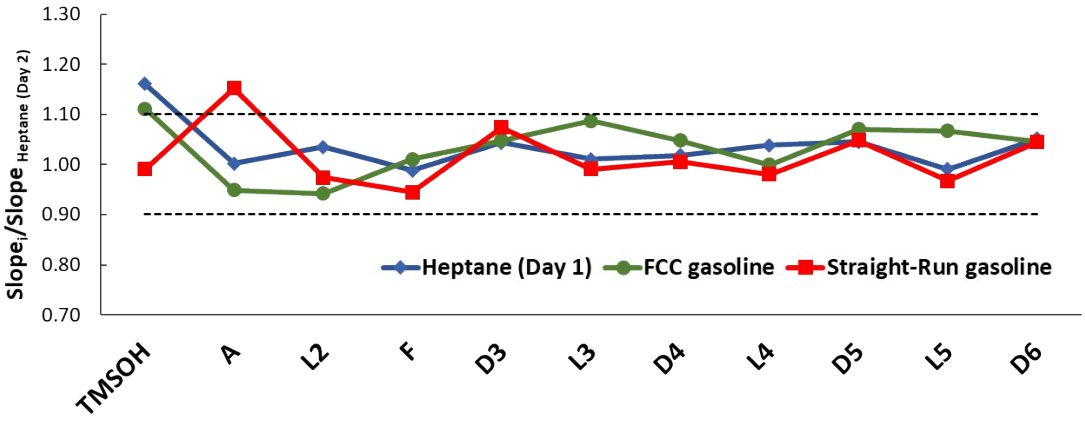

25 **Figure S2.** Ratio of the slopes for each silicon compound for heptane, FCC and SR gasoline compared to another in
26 heptane at the second day.

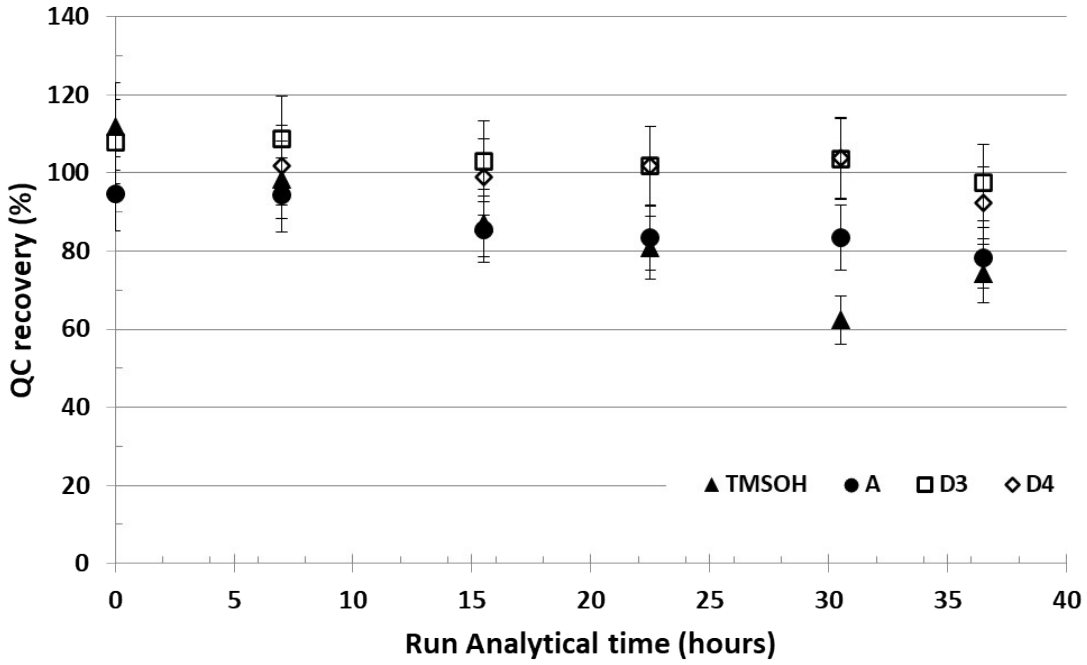

Figure S3. Temporal variation of the recovery for the QC samples. Carrier gas flow rate: 0.5 L min^{-1}; optional gas flow rate: 0.15 L min^{-1}, H_2 gas flow rate: 2.0 mL min^{-1}.

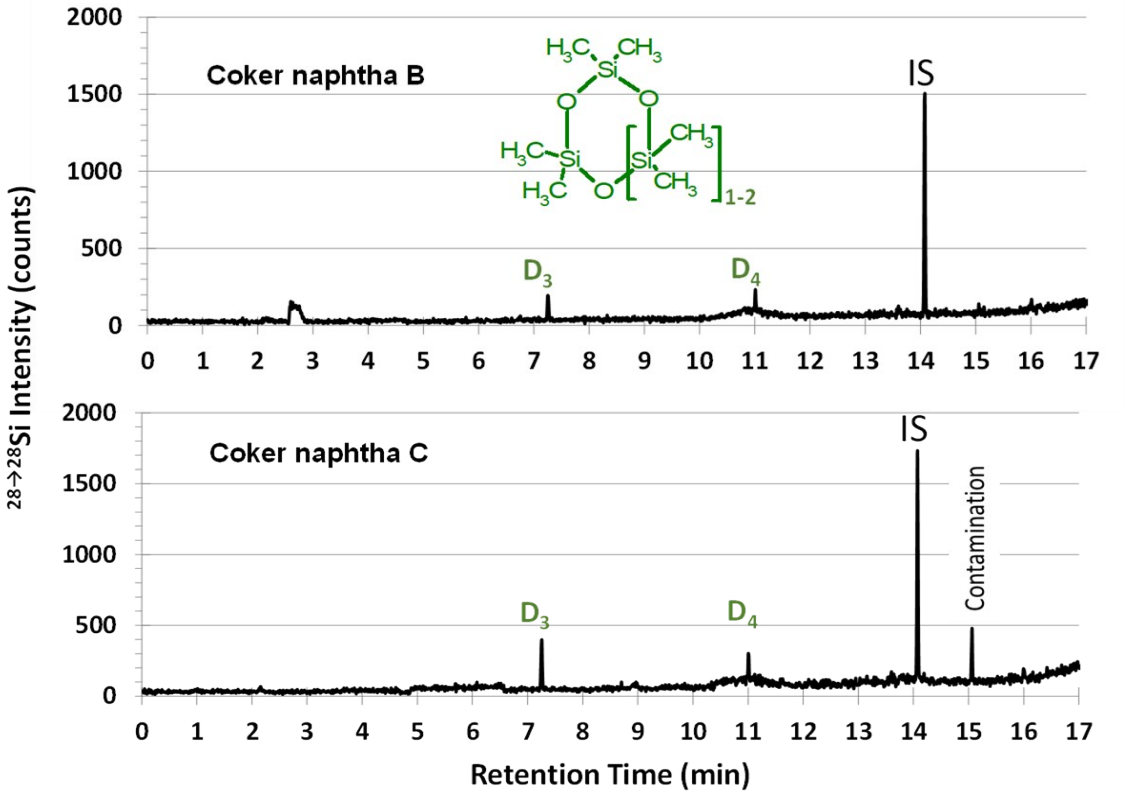

Figure S4. GC–ICP-MS chromatograms of the coker naphtha B and C samples (IS: internal standard). Carrier gas flow rate: 0.5 L min^{-1}; optional gas flow rate: 0.15 L min^{-1}, H_2 gas flow rate: 2.0 mL min^{-1}.