

Supplementary Information

Monitoring of Gas Composition in a Laboratory Biogas Plant using Cavity Enhanced Raman Spectroscopy

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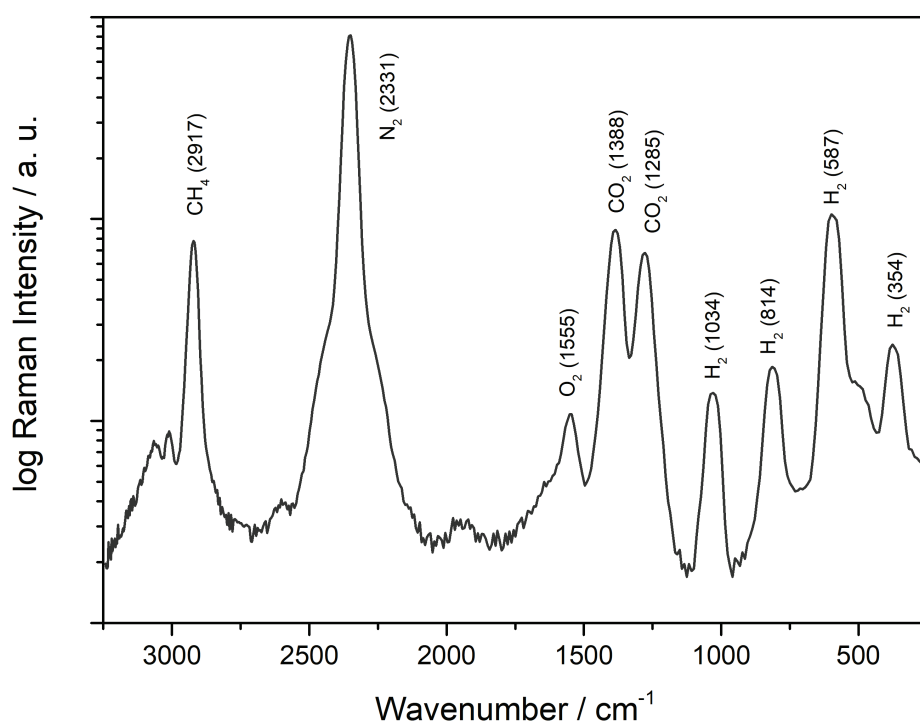
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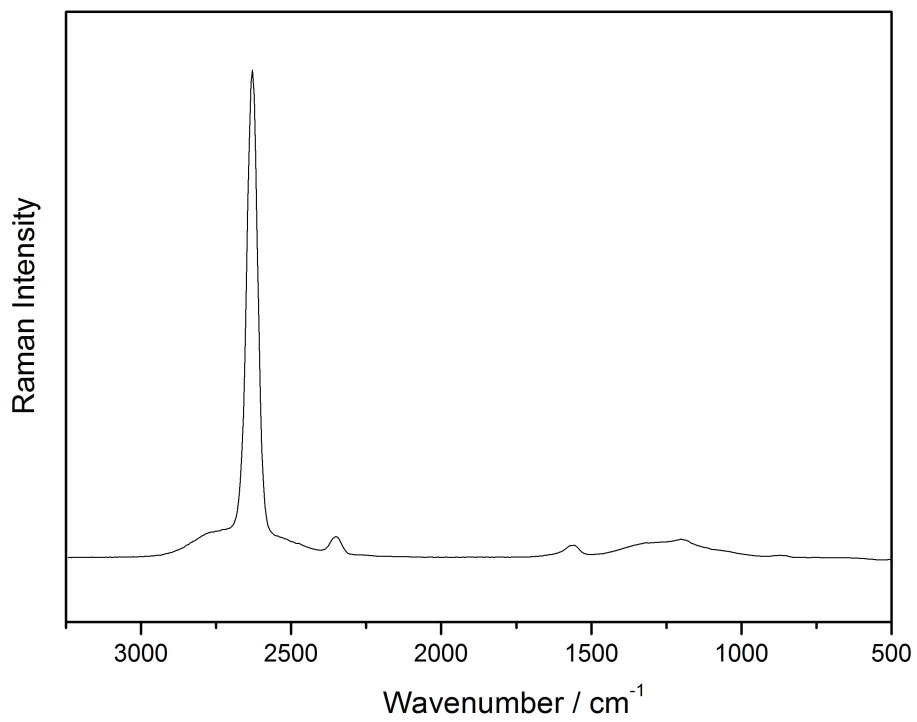
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**Figure S1:** Raman spectrum of a biogas sample during the experiment when H<sub>2</sub> was added to enhance CH<sub>4</sub> production.



**Figure S2:** Raman spectrum of a H<sub>2</sub>S which is a component of biogas.