Analysis of volatile short-chain fatty acids in the gas phase using secondary electrospray ionization coupled to mass spectrometry

Analysis of volatile short-chain fatty acids in the gas phase using secondary electrospray ionization coupled with high-resolution mass spectrometry

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Short Title: Analysis of SCFA using SESI-HRMS.

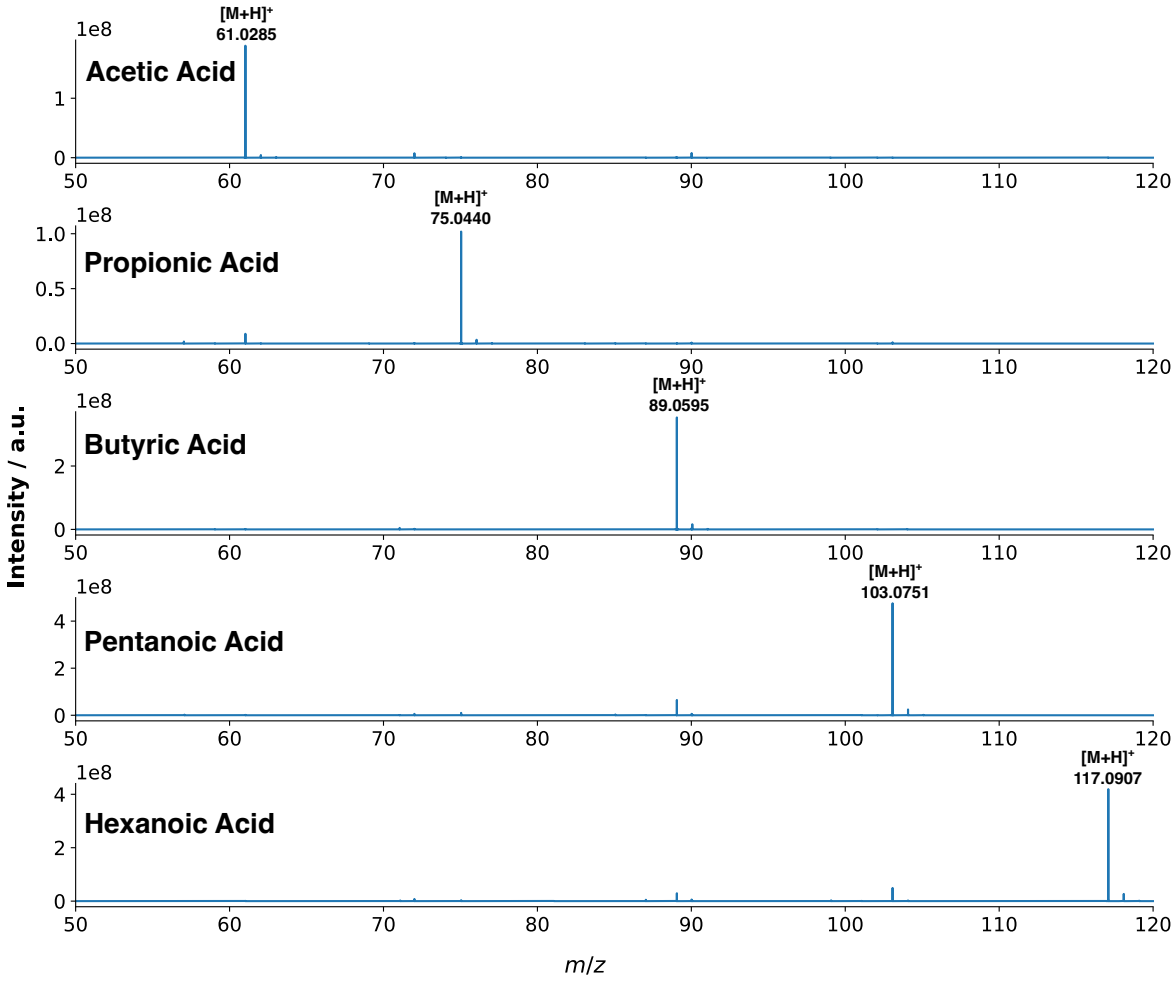

Figure S1. Experimental mass spectra for acetic, propionic, butyric, pentanoic and hexanoic acid obtained with the SESI-HR-MS system

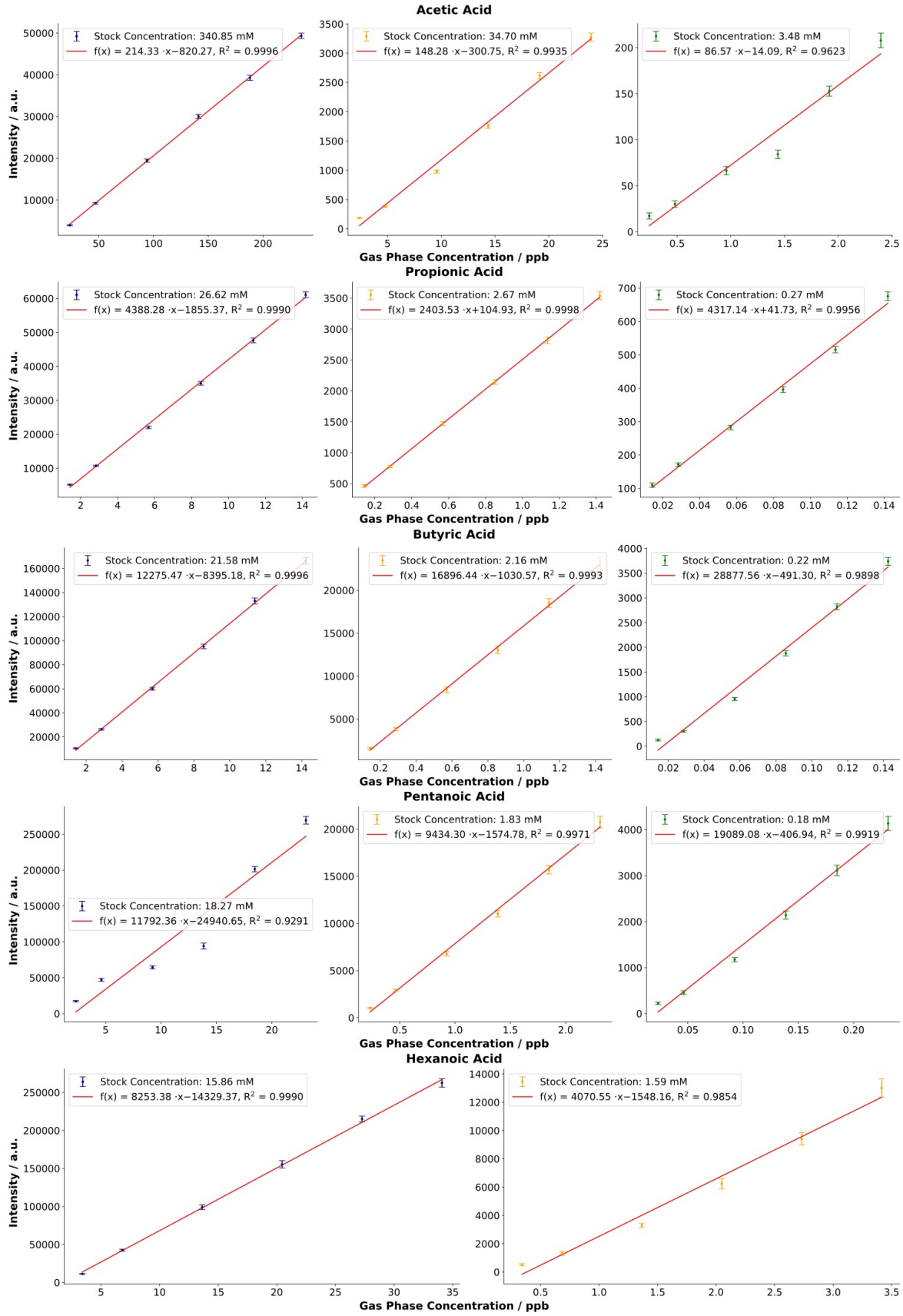

Figure S2. Calibration curves of the individual stock solutions under 0 % RH.

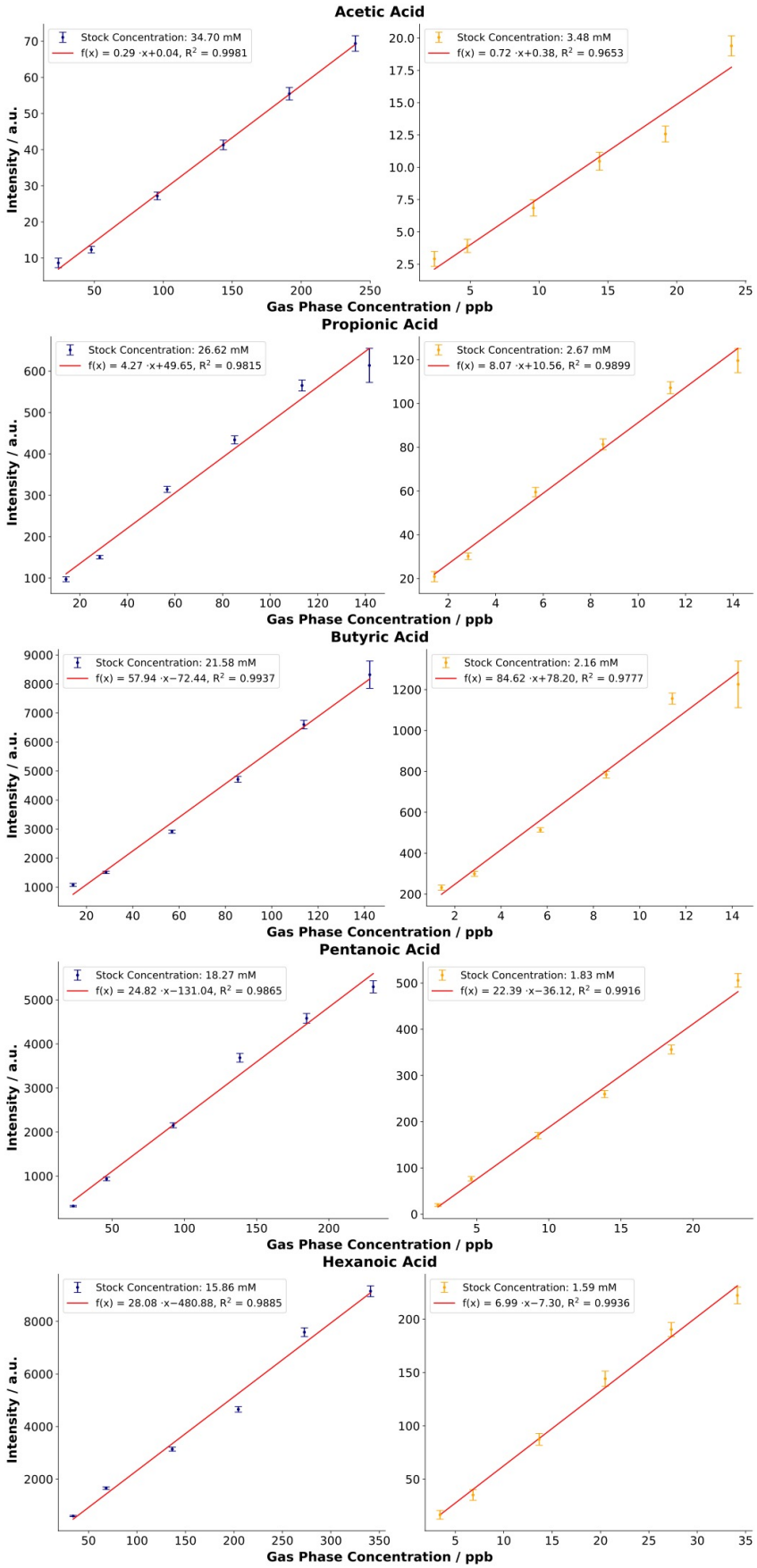

Figure S3. Calibration curves of the individual stock solutions under 95 % RH.

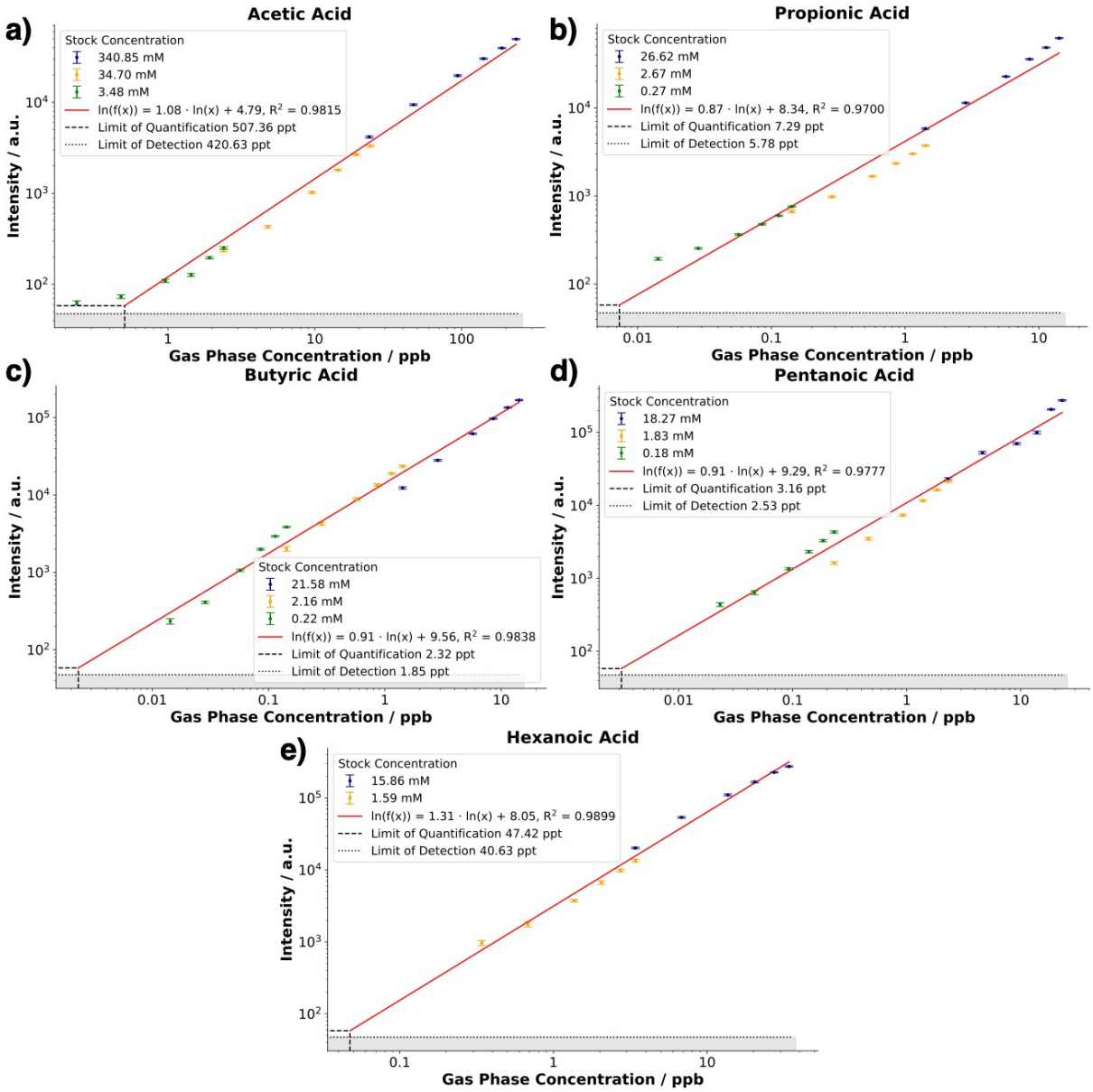

Figure S4. Calibration curves for the dry conditions with the individual limits of detection and limits of quantification for each SCFA tested.

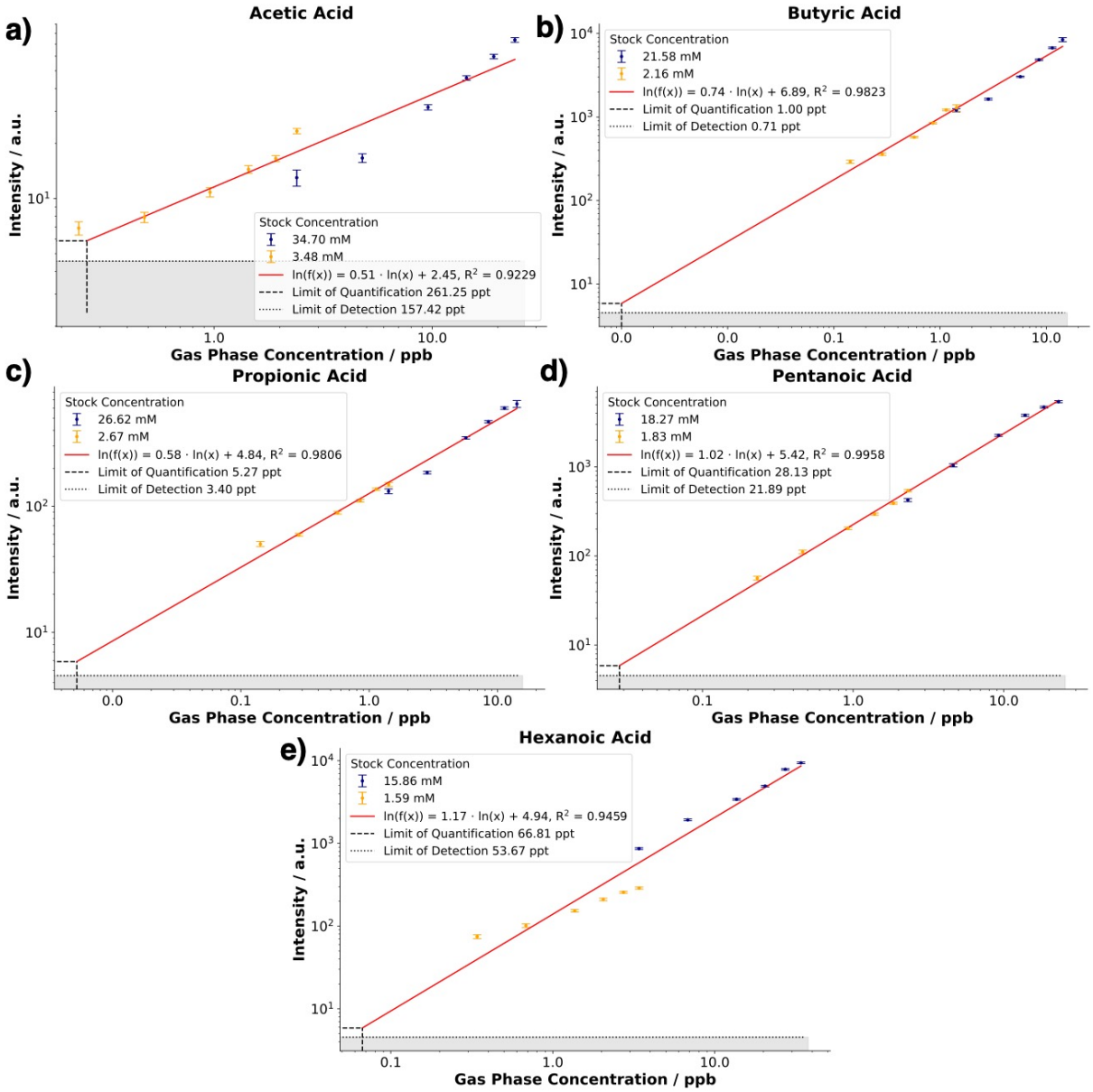

Figure S5. Calibration curves for the 95 % RH conditions with the limits of detection and quantification for each SCFA tested.