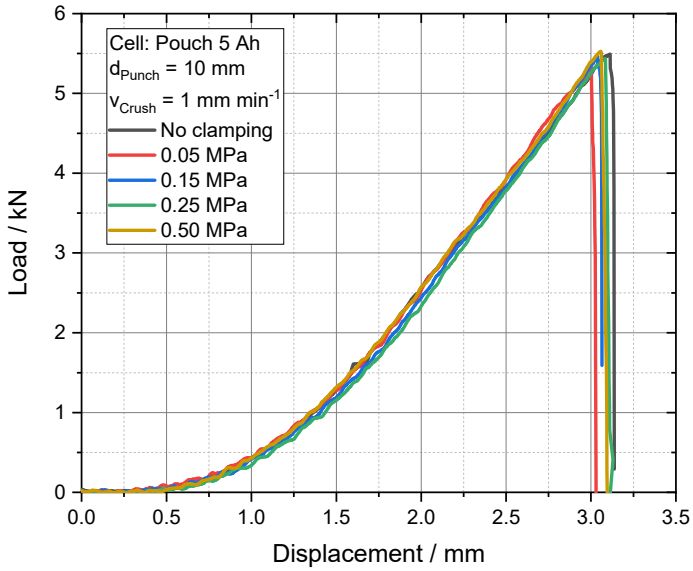

Figure S1. Example of selected force-displacement curves of crush tests during indentation with a 10 mm punch at a speed of 1 mm/min at different clamping normal stresses.

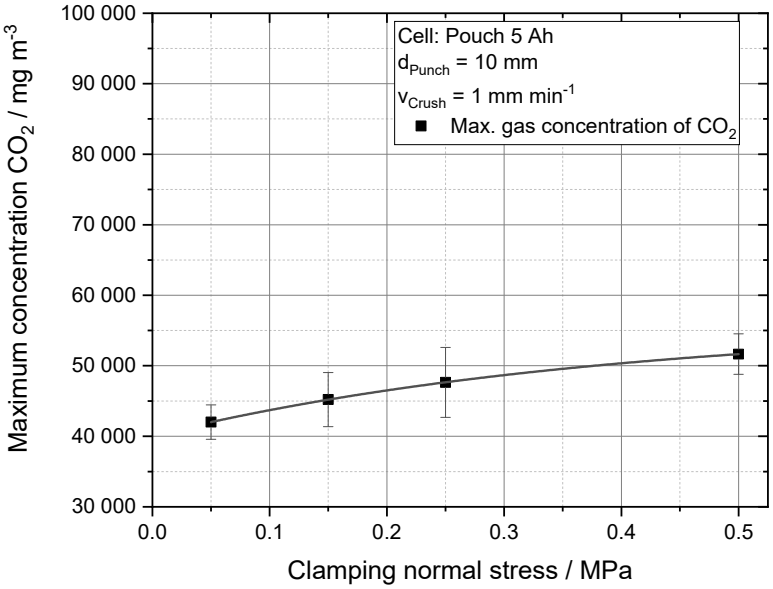

Figure S2. Asymptotic regression model fit of gas concentration peaks of CO_2 at different clamping normal stresses.

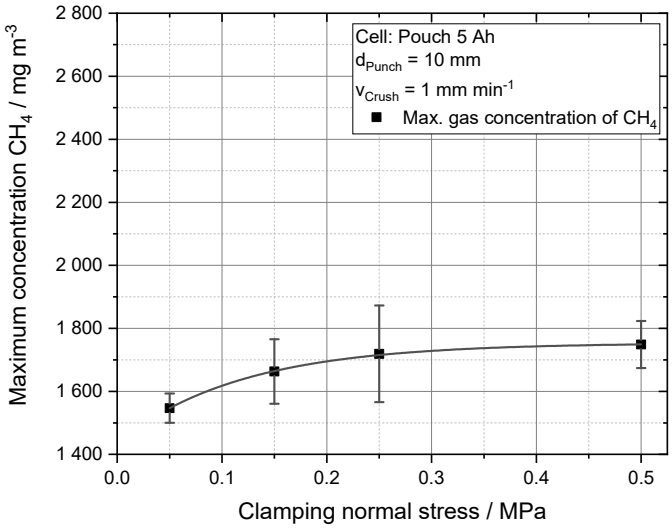

Figure S3. Asymptotic regression model fit of gas concentration peaks of CH_4 at different clamping normal stresses.

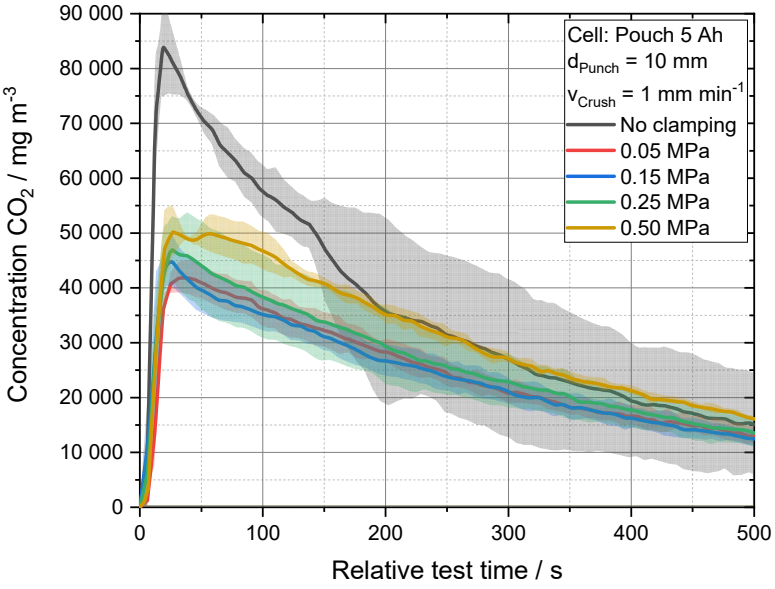

Figure S4. Gas concentration of CO_2 versus time after the thermal runaway at different clamping normal stresses.

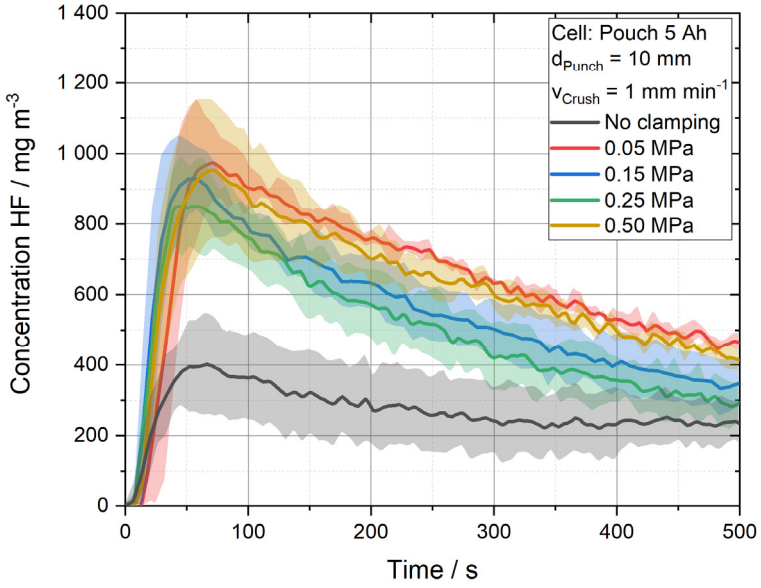

Figure S5. Gas concentration of HF versus time after the thermal runaway at different clamping normal stresses.

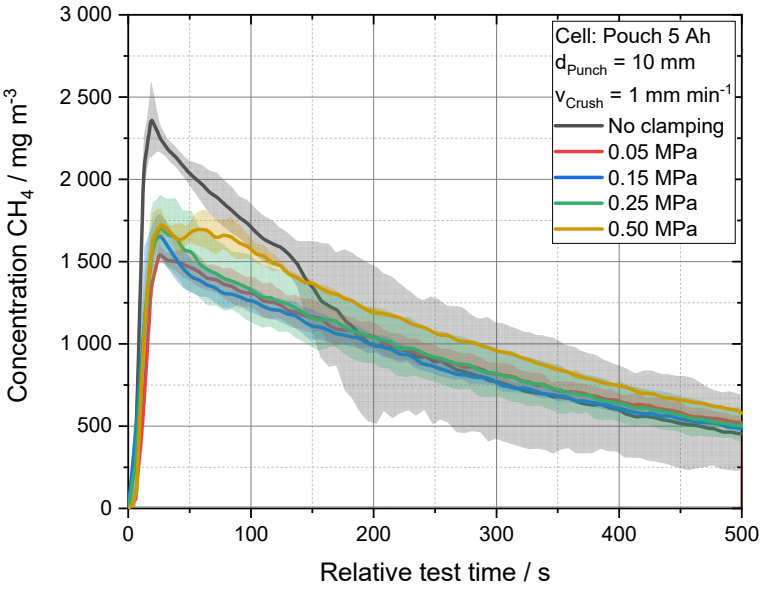

Figure S6. Gas concentration of CH_4 versus time after the thermal runaway at different clamping normal stresses.

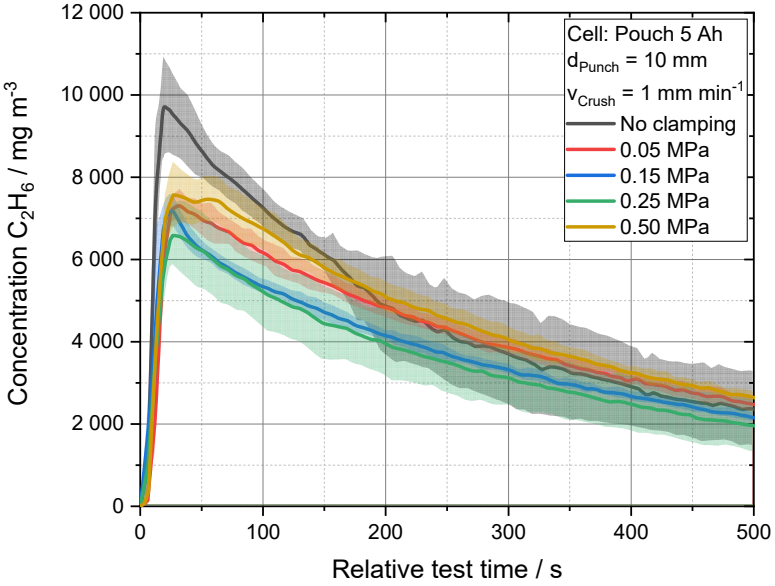

Figure S7. Gas concentration of C_2H_6 versus time after the thermal runaway at different clamping normal stresses.

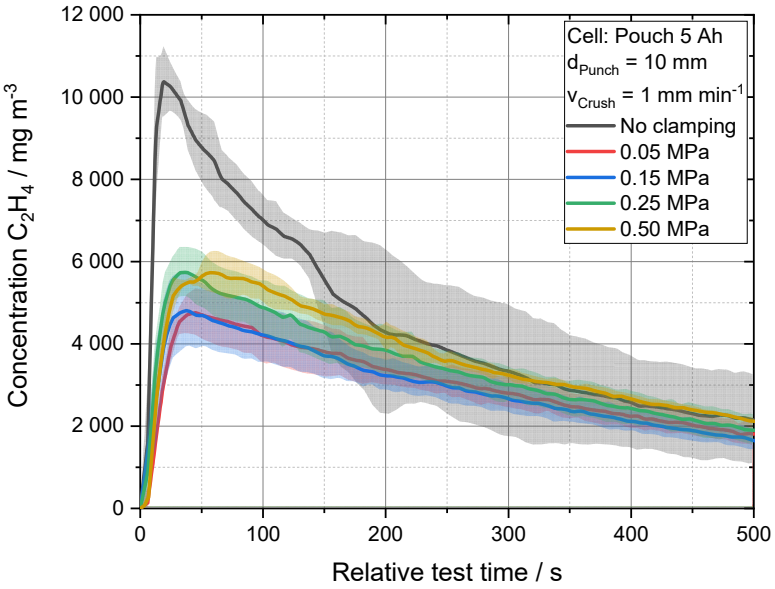

Figure S8. Gas concentration of C_2H_4 versus time after the thermal runaway at different clamping normal stresses.

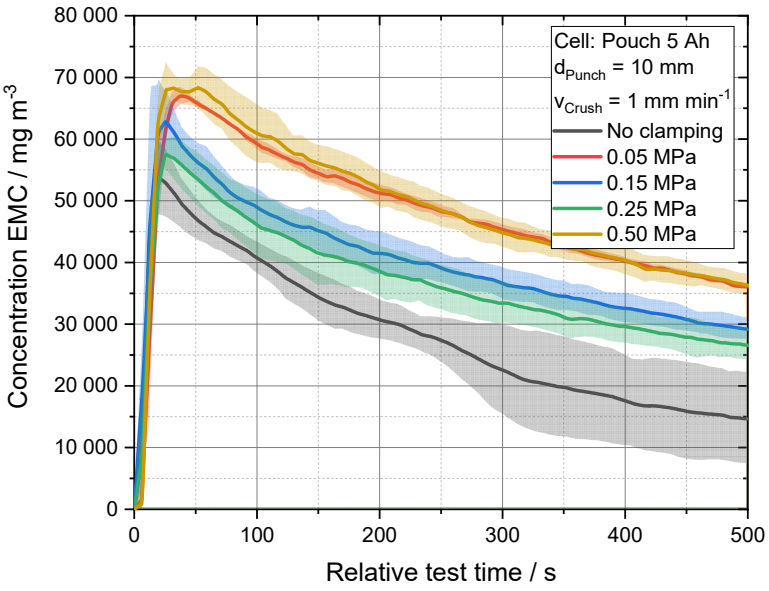

Figure S9. Gas concentration of EMC versus time after the thermal runaway at different clamping normal stresses.

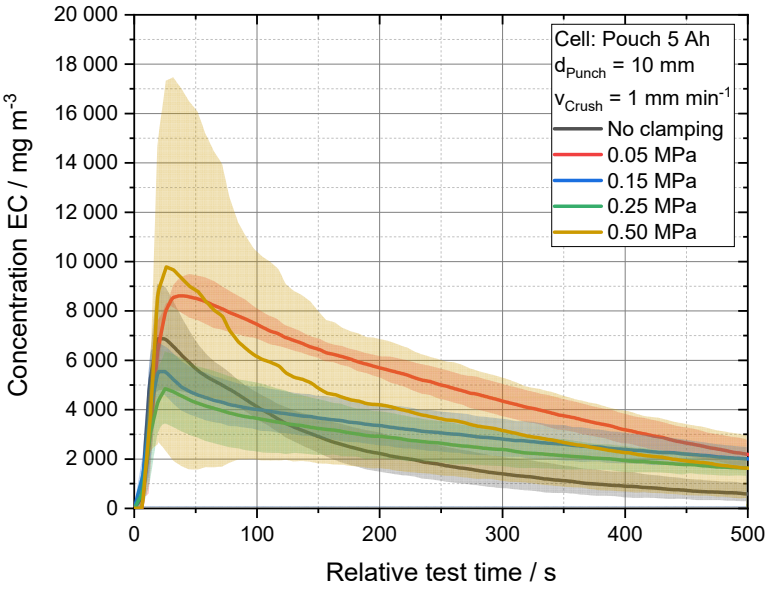

Figure S10. Gas concentration of EC versus time after the thermal runaway at different clamping normal stresses.