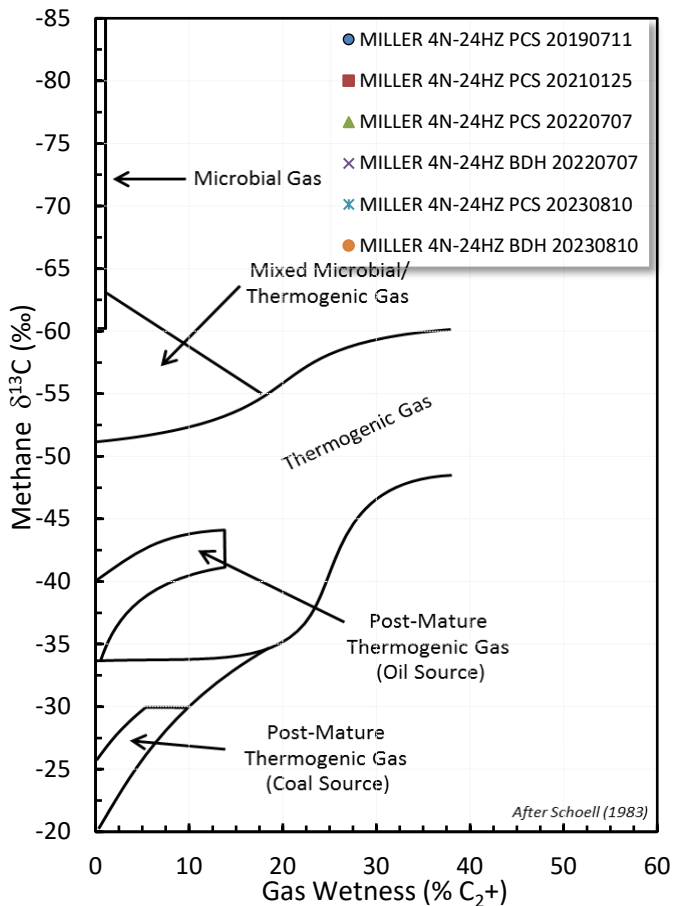
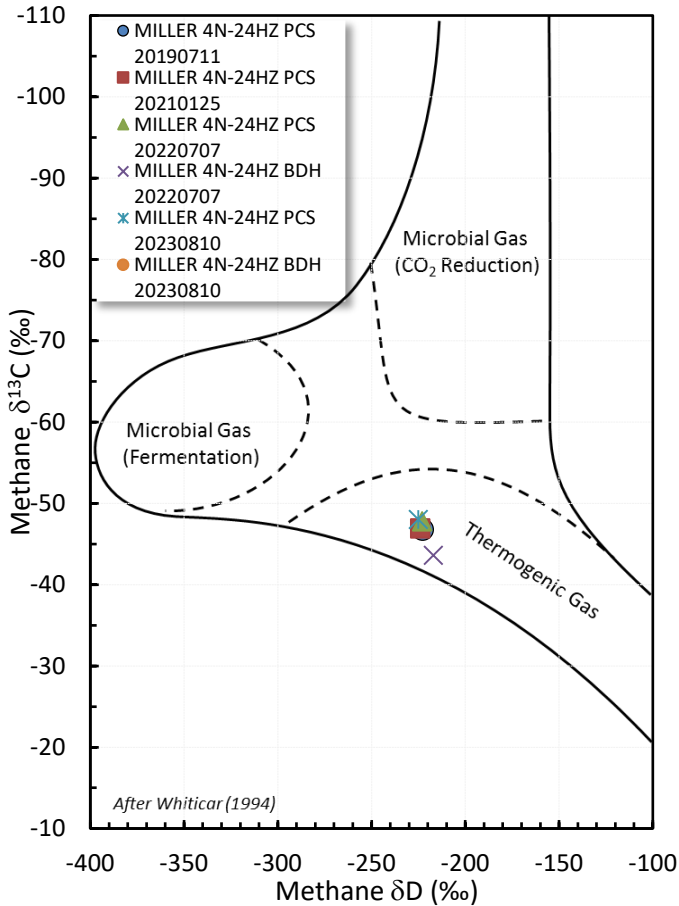


Stable Isotope Interpretive Plots

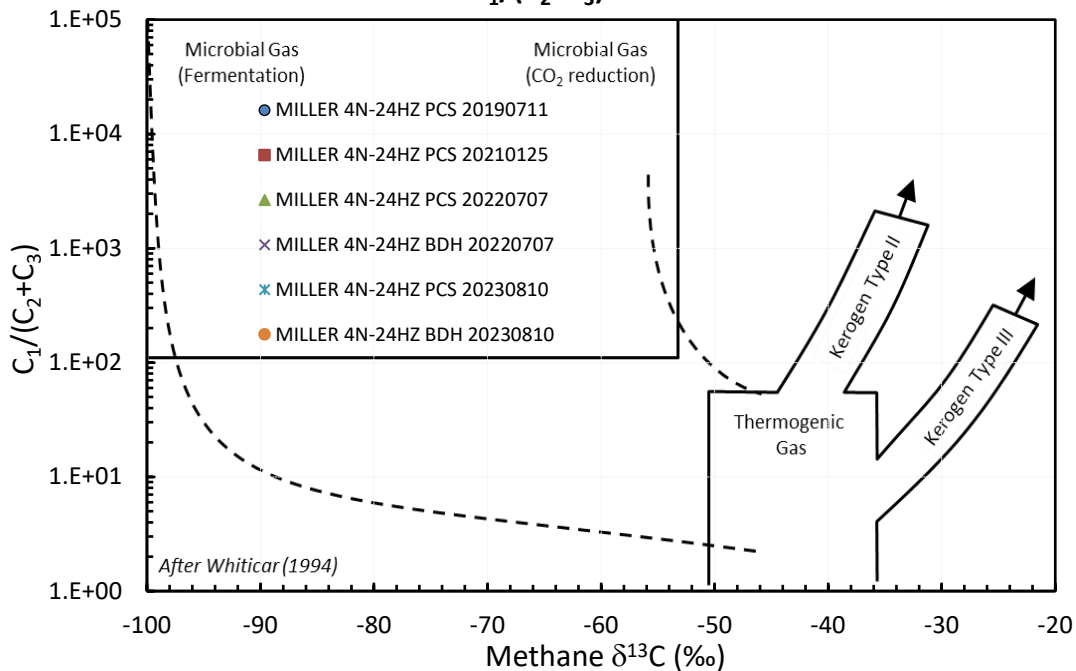
Methane vs Gas Wetness Genetic Classification



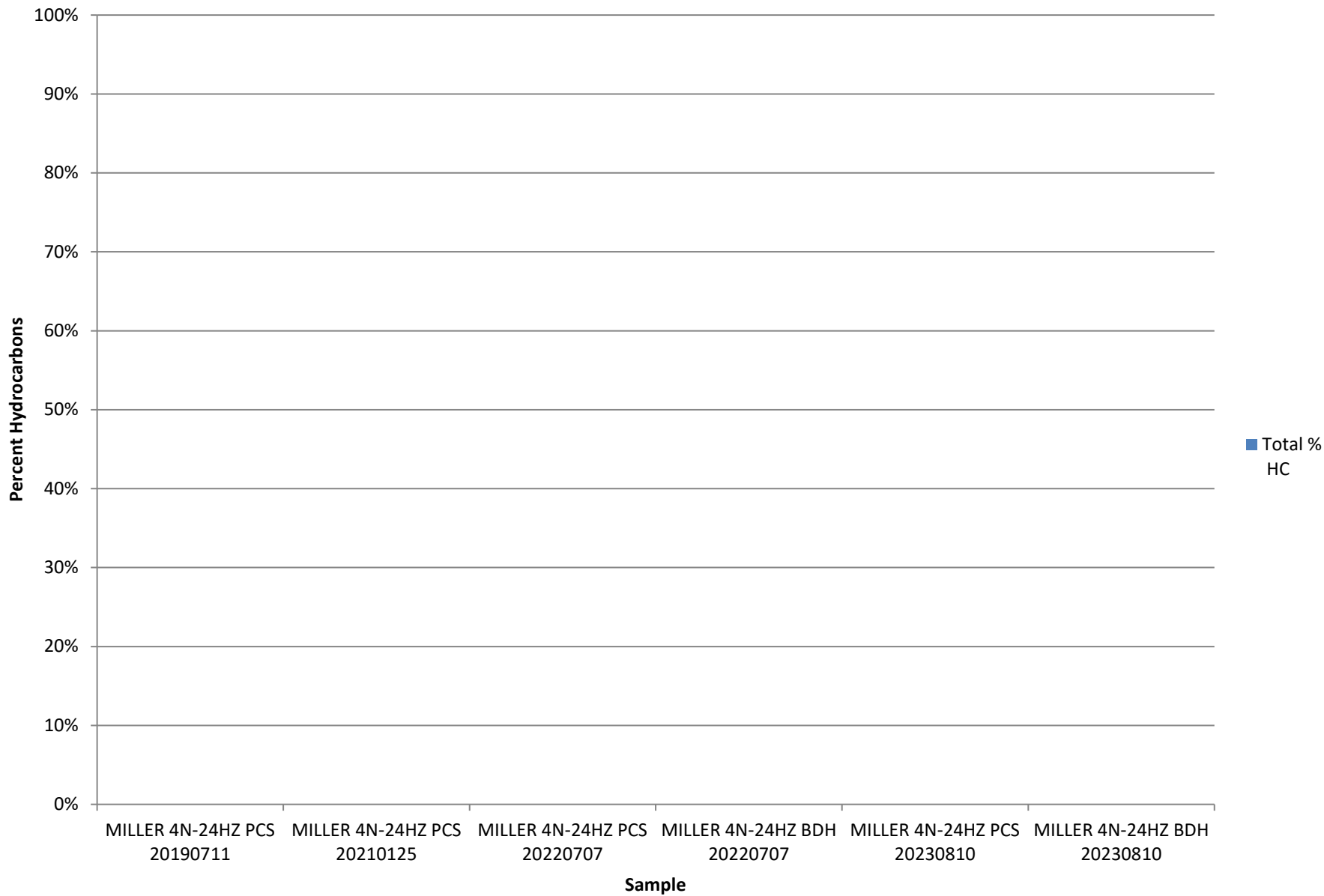
Methane $\delta^{13}\text{C}$ vs δD Genetic Classification Plot



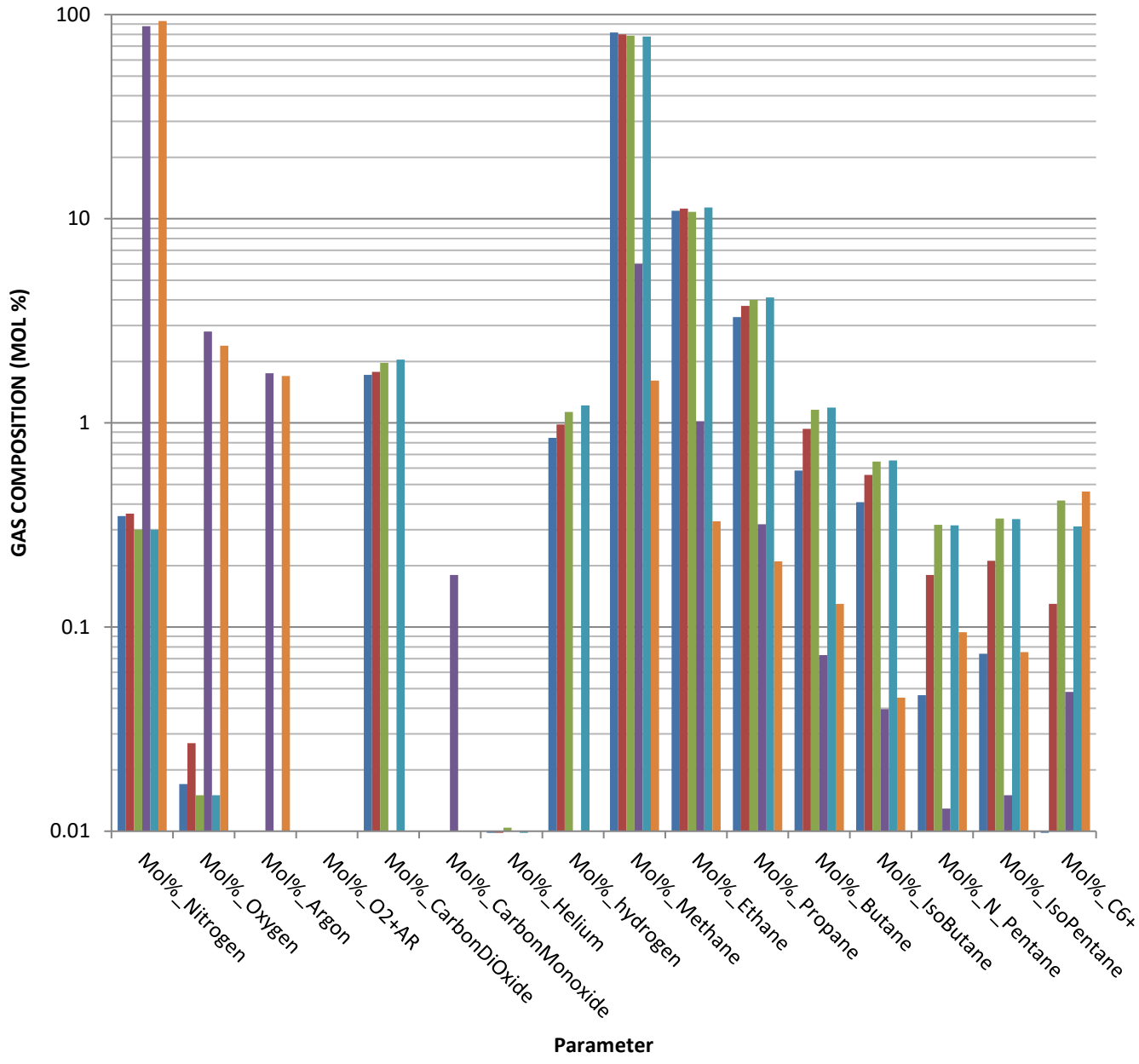
Methane $\delta^{13}\text{C}$ vs $\text{C}_1/(\text{C}_2+\text{C}_3)$ Genetic Classification Plot



Total Percent Hydrocarbons

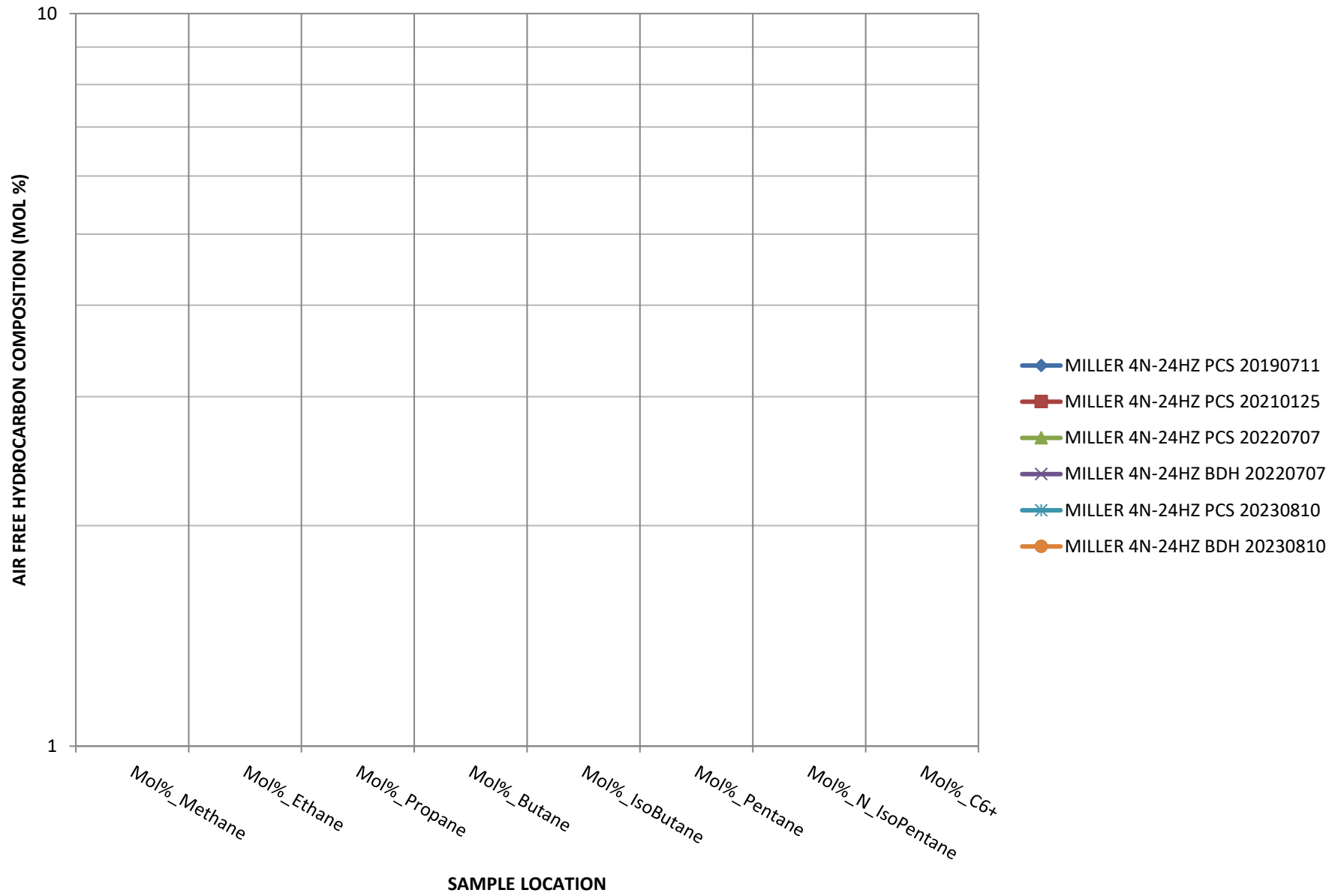


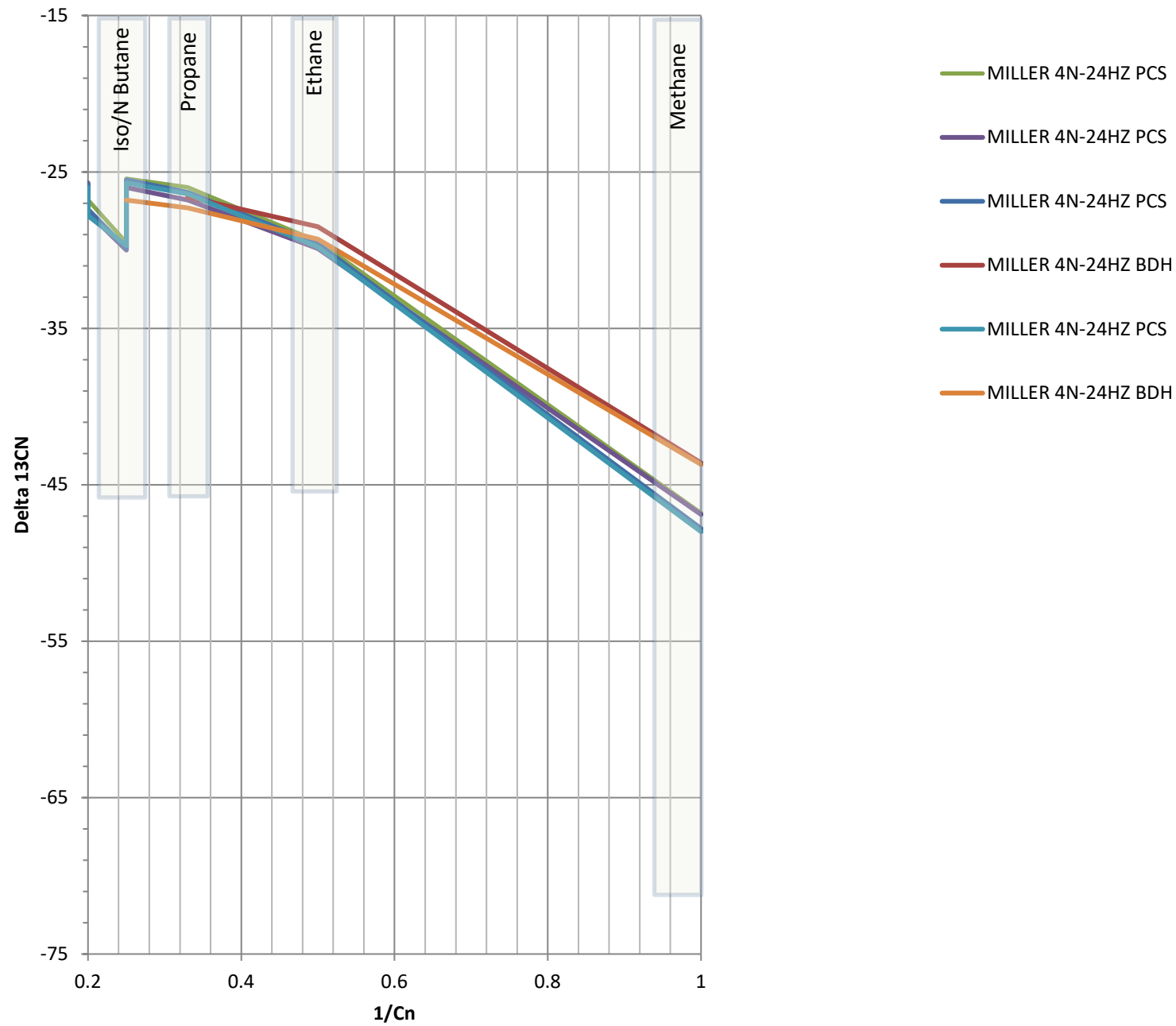
GAS COMPOSITION



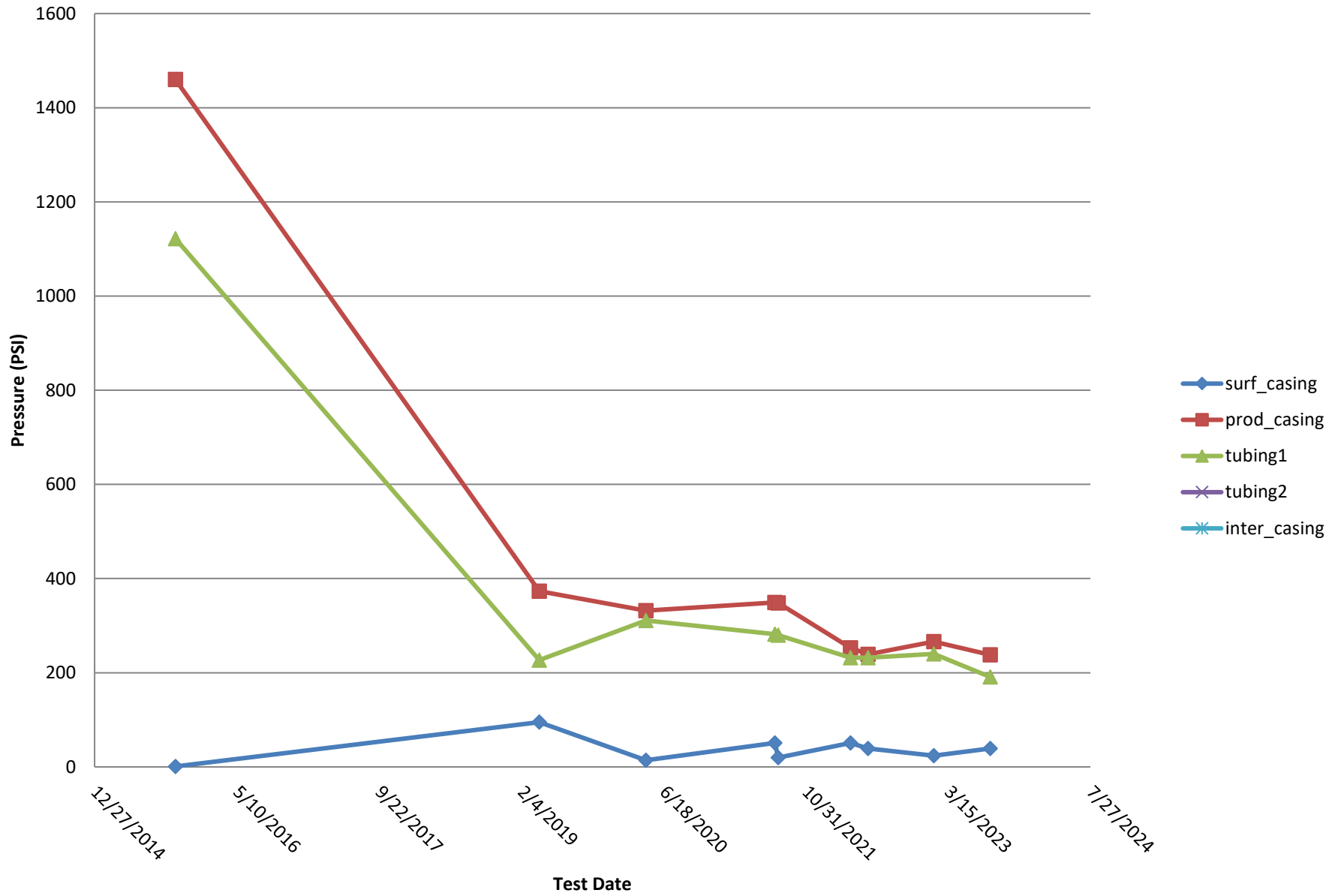
- MILLER 4N-24HZ PCS 20190711
- MILLER 4N-24HZ PCS 20210125
- MILLER 4N-24HZ PCS 20220707
- MILLER 4N-24HZ BDH 20220707
- MILLER 4N-24HZ PCS 20230810

HYDROCARBON COMPOSITION

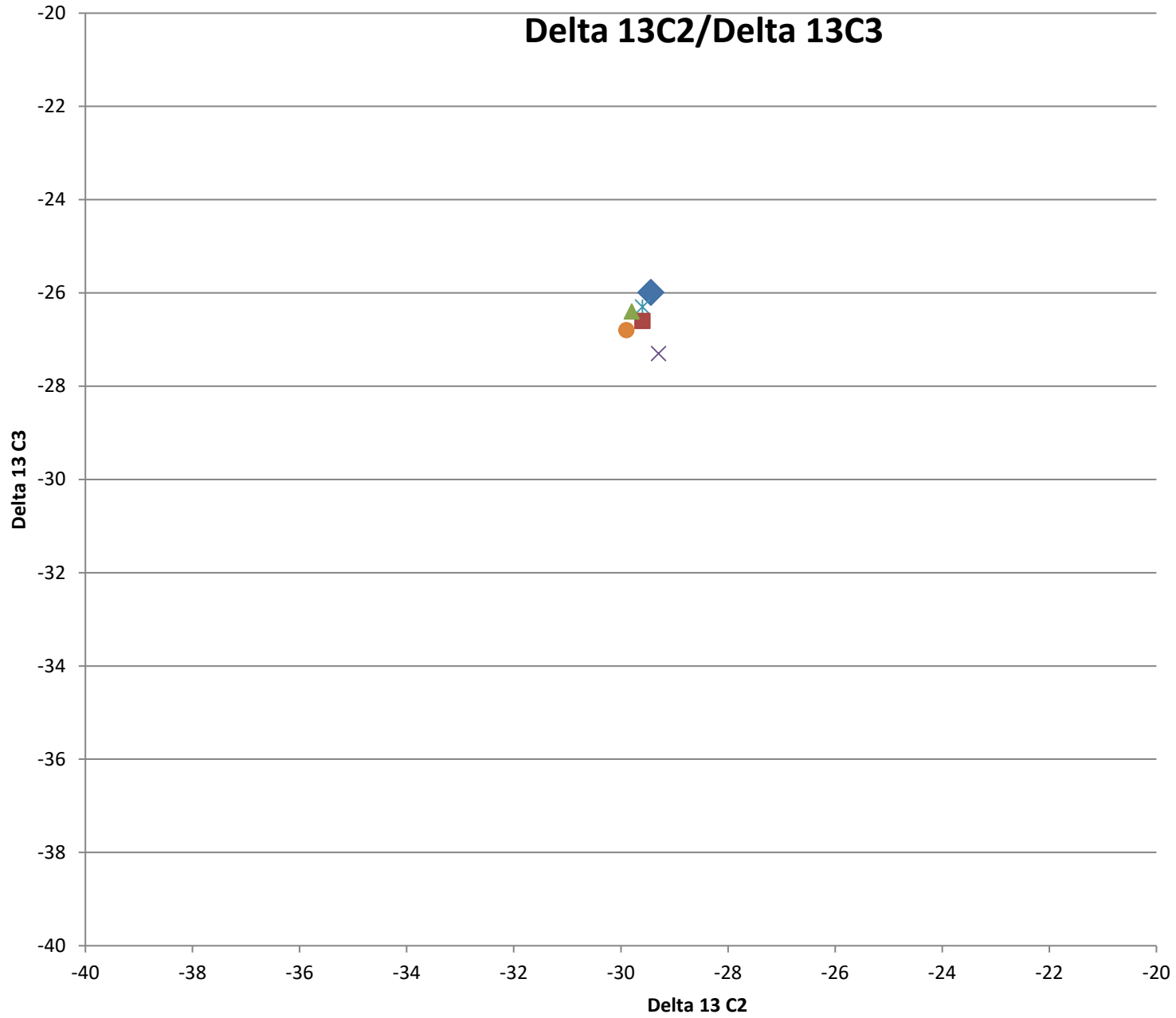




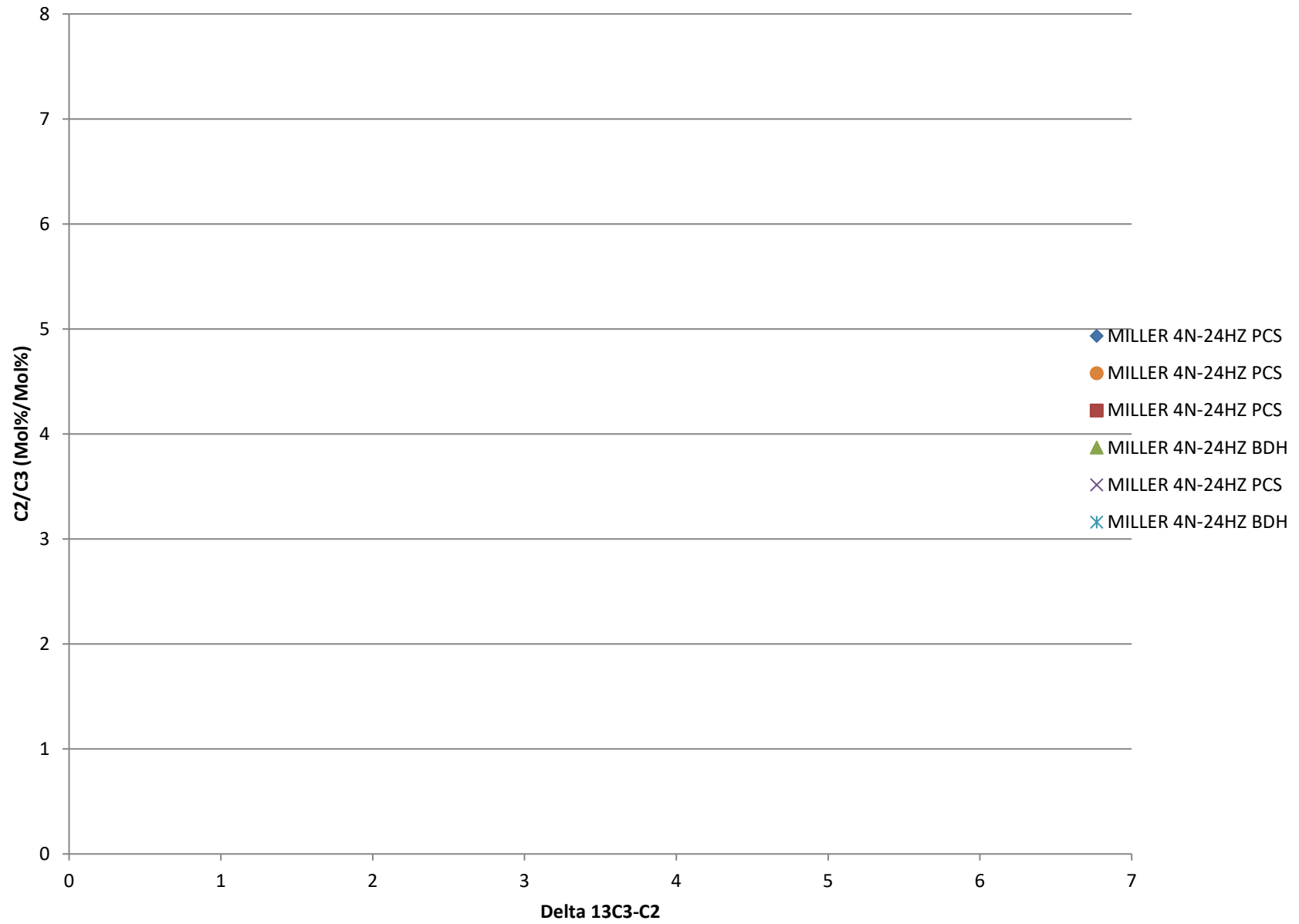
Bradenhead Test Summary



Delta 13C2/Delta 13C3



Delta13 C2/C3 vs. Delta 13C3-C2



Delta 13 IC4/ Delta NC4

