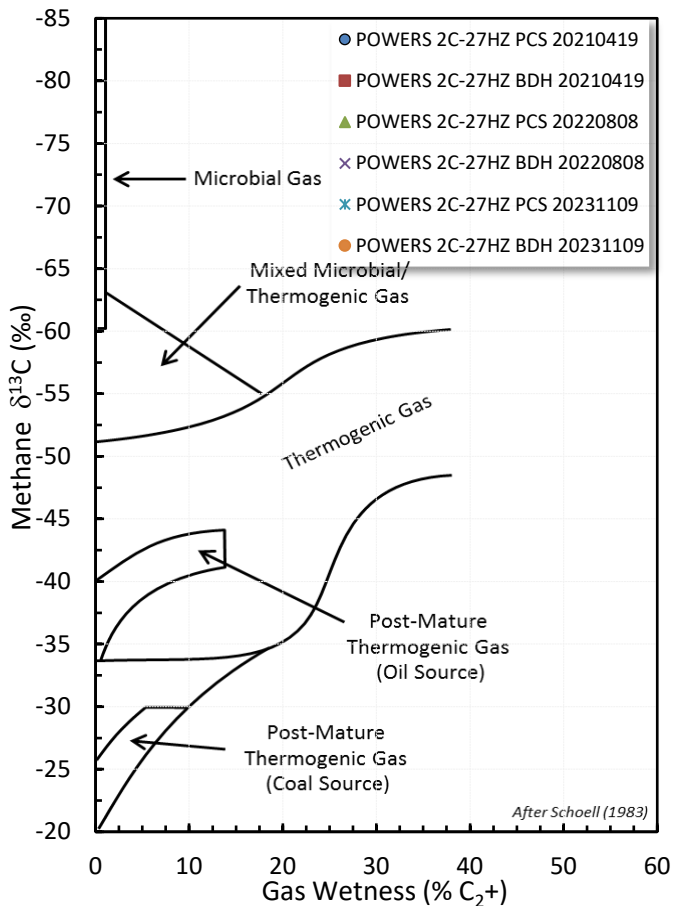
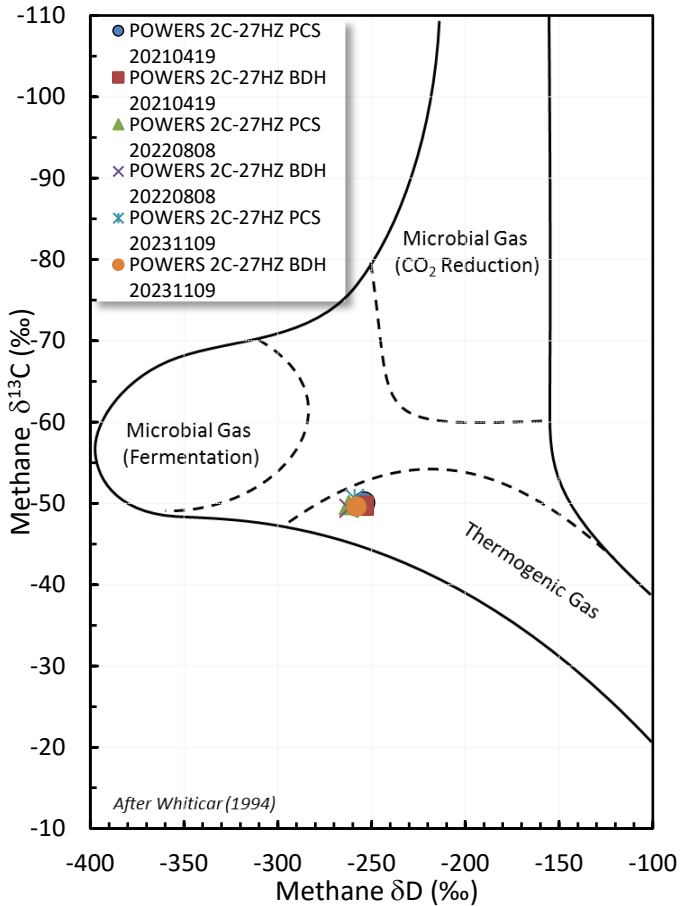


# Stable Isotope Interpretive Plots

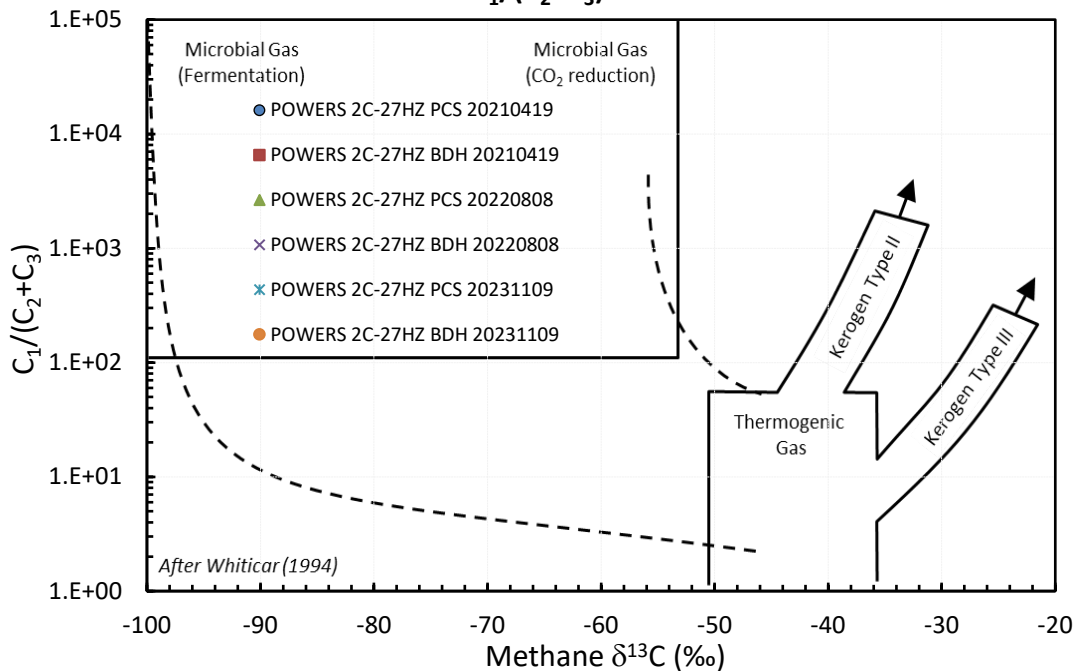
## Methane vs Gas Wetness Genetic Classification



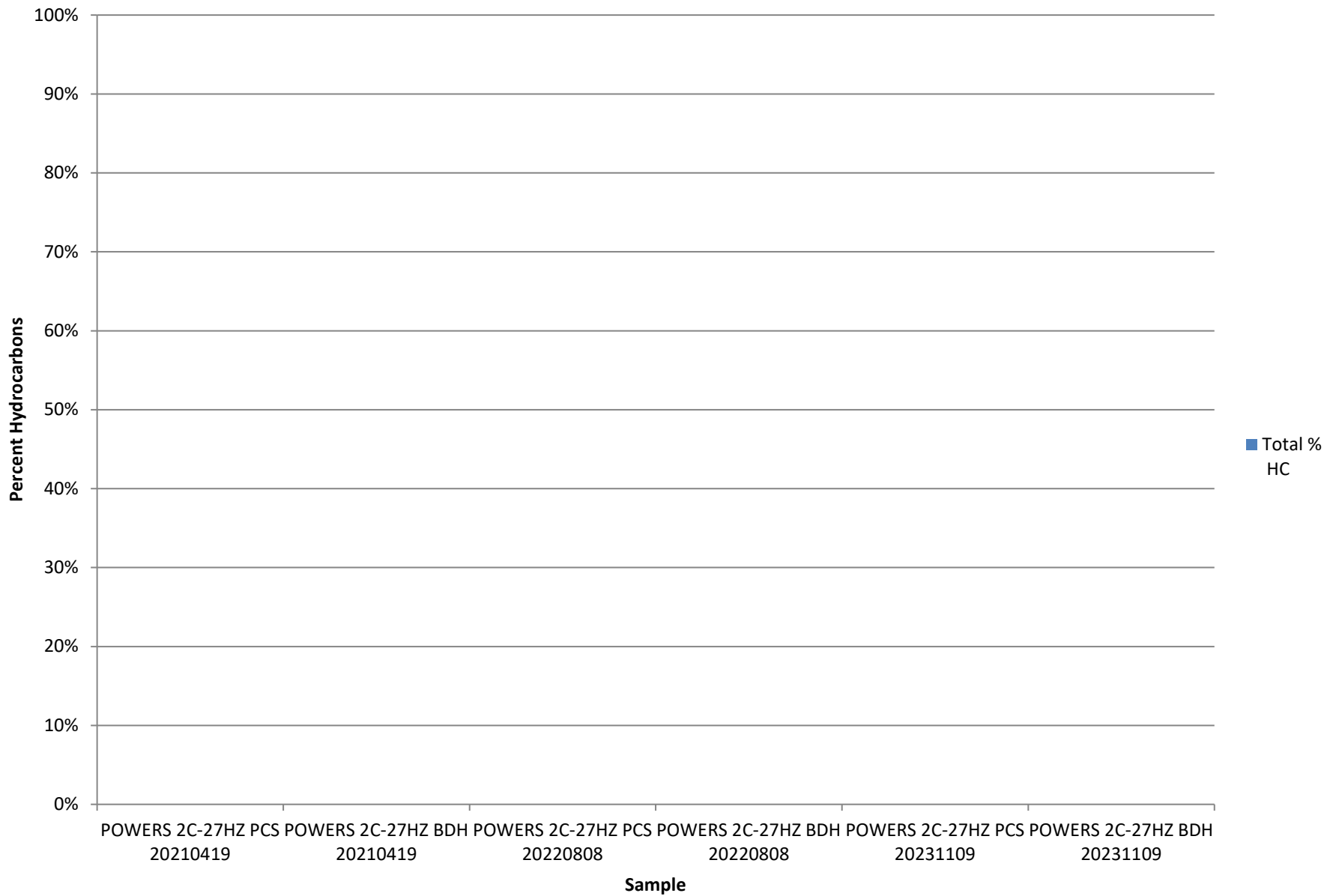
## Methane $\delta^{13}\text{C}$ vs $\delta\text{D}$ Genetic Classification Plot



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

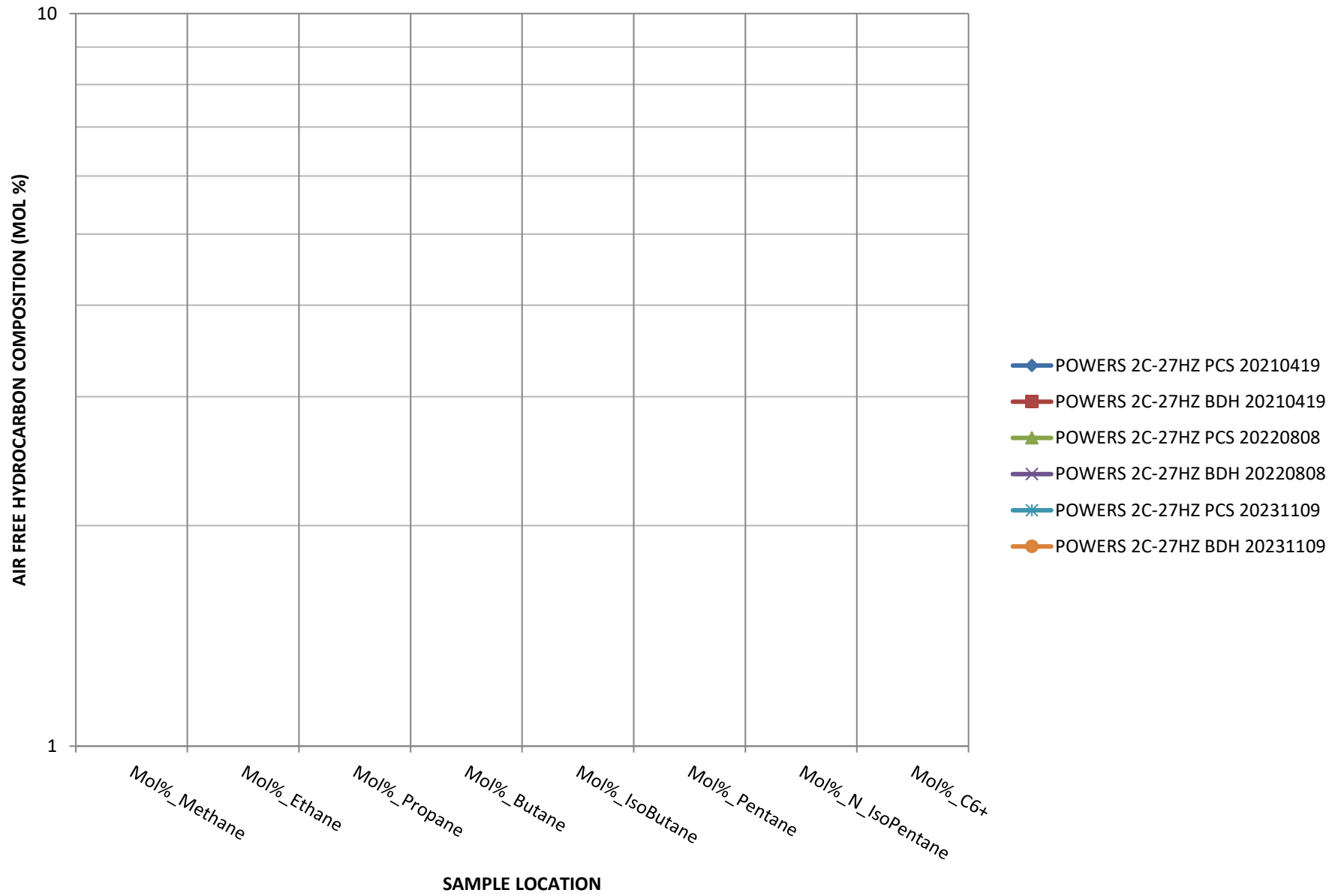


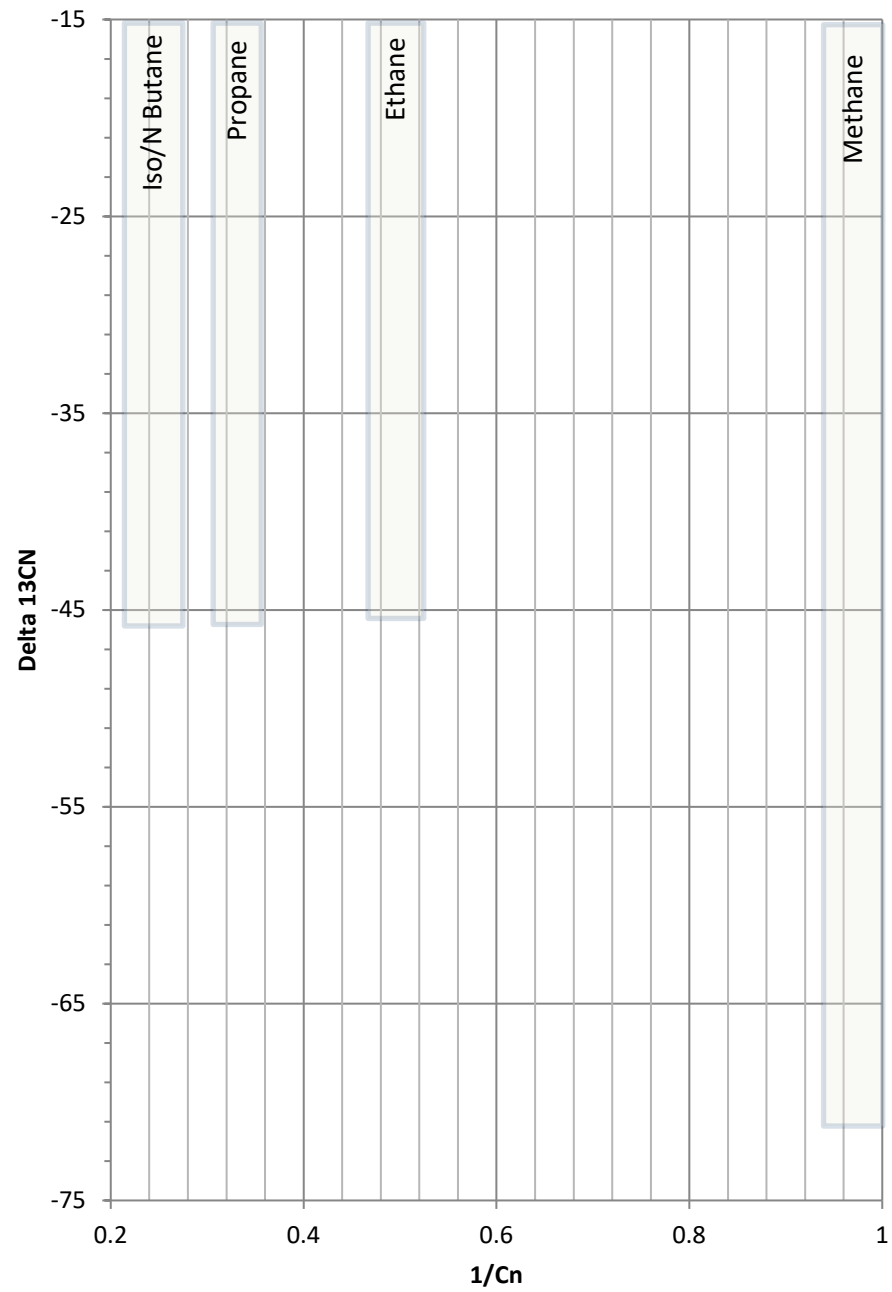
# Total Percent Hydrocarbons





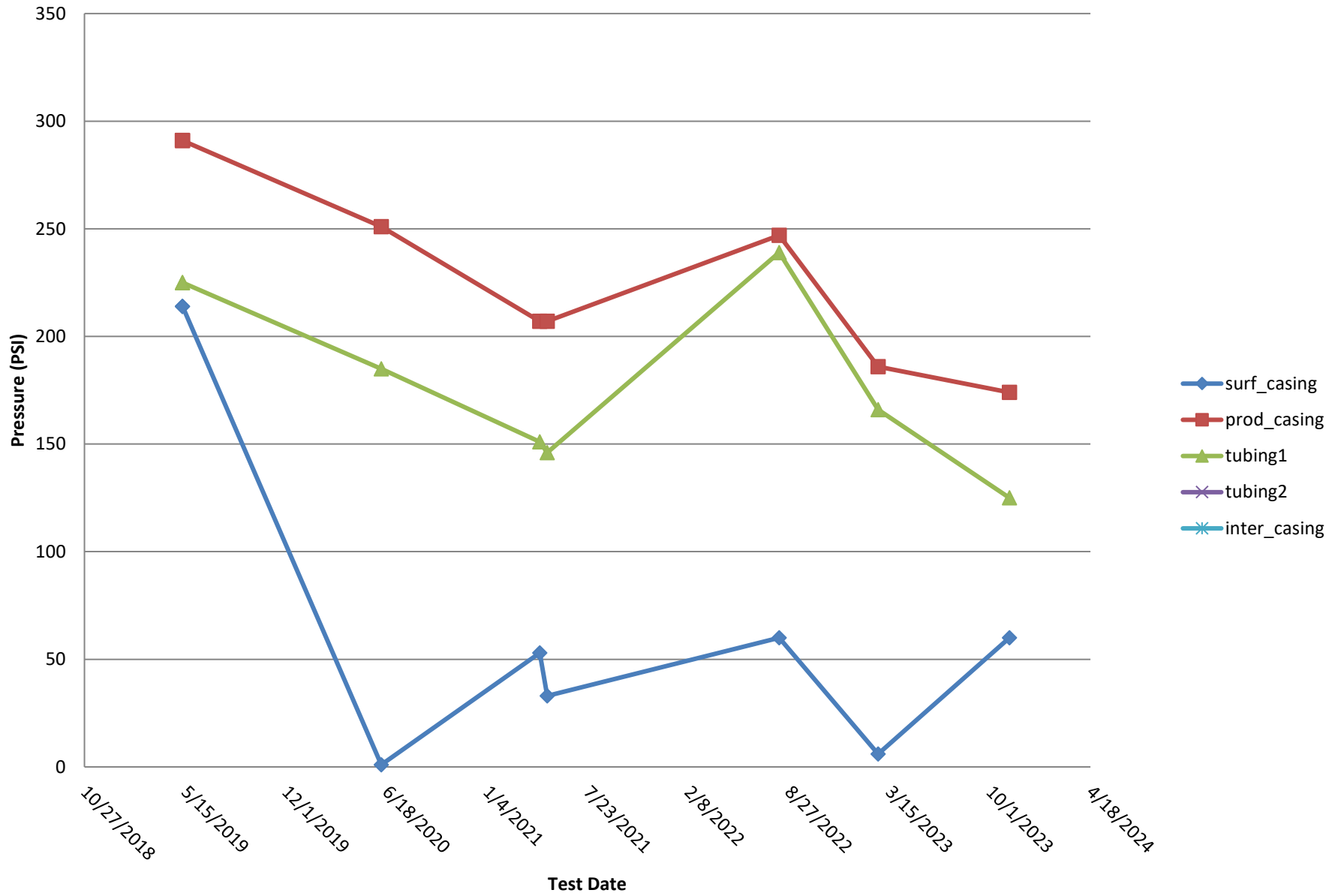
# HYDROCARBON COMPOSITION



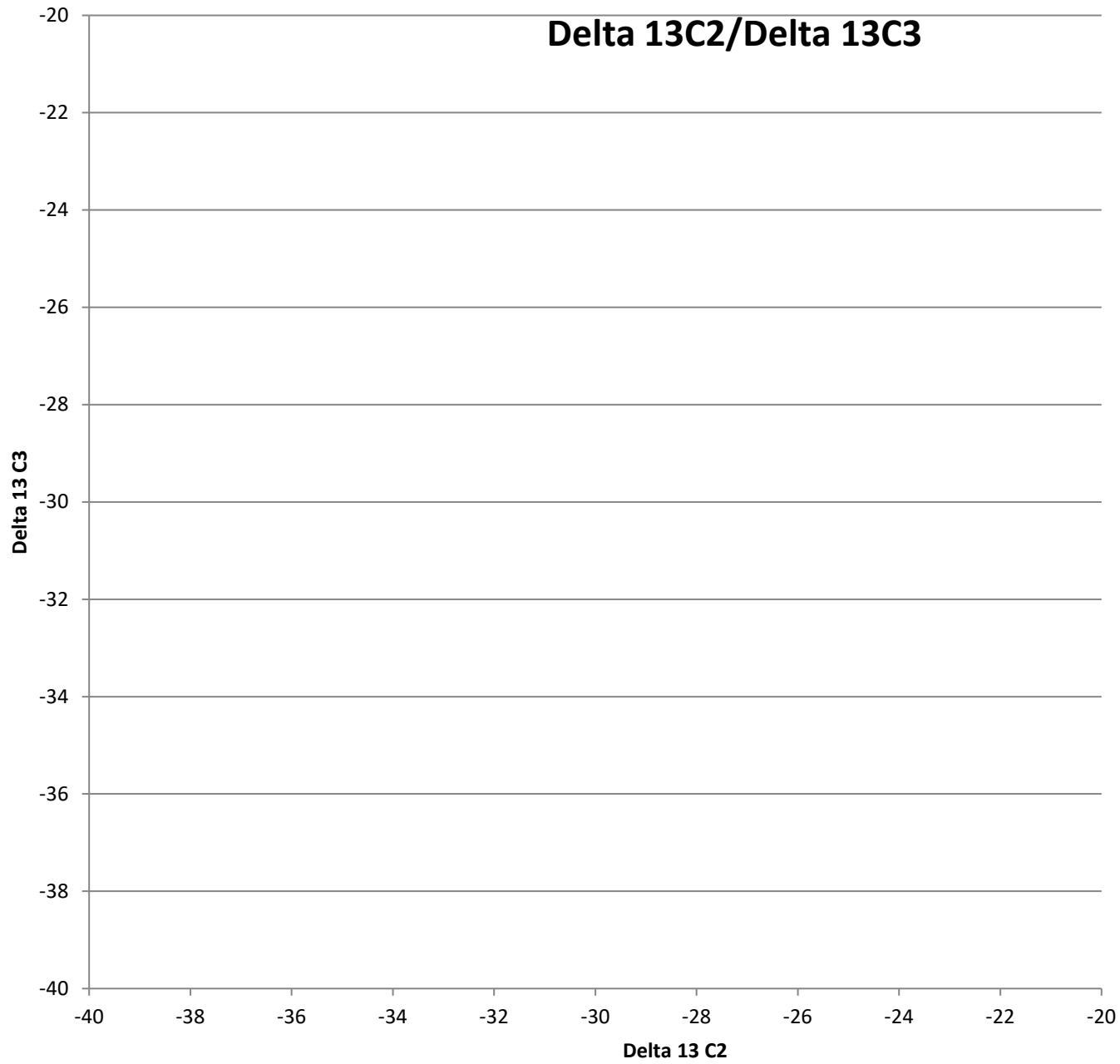


- POWERS 2C-27HZ PCS 20210419
- POWERS 2C-27HZ BDH 20210419
- POWERS 2C-27HZ PCS 20220808
- POWERS 2C-27HZ BDH 20220808
- POWERS 2C-27HZ PCS 20231109
- POWERS 2C-27HZ BDH 20231109

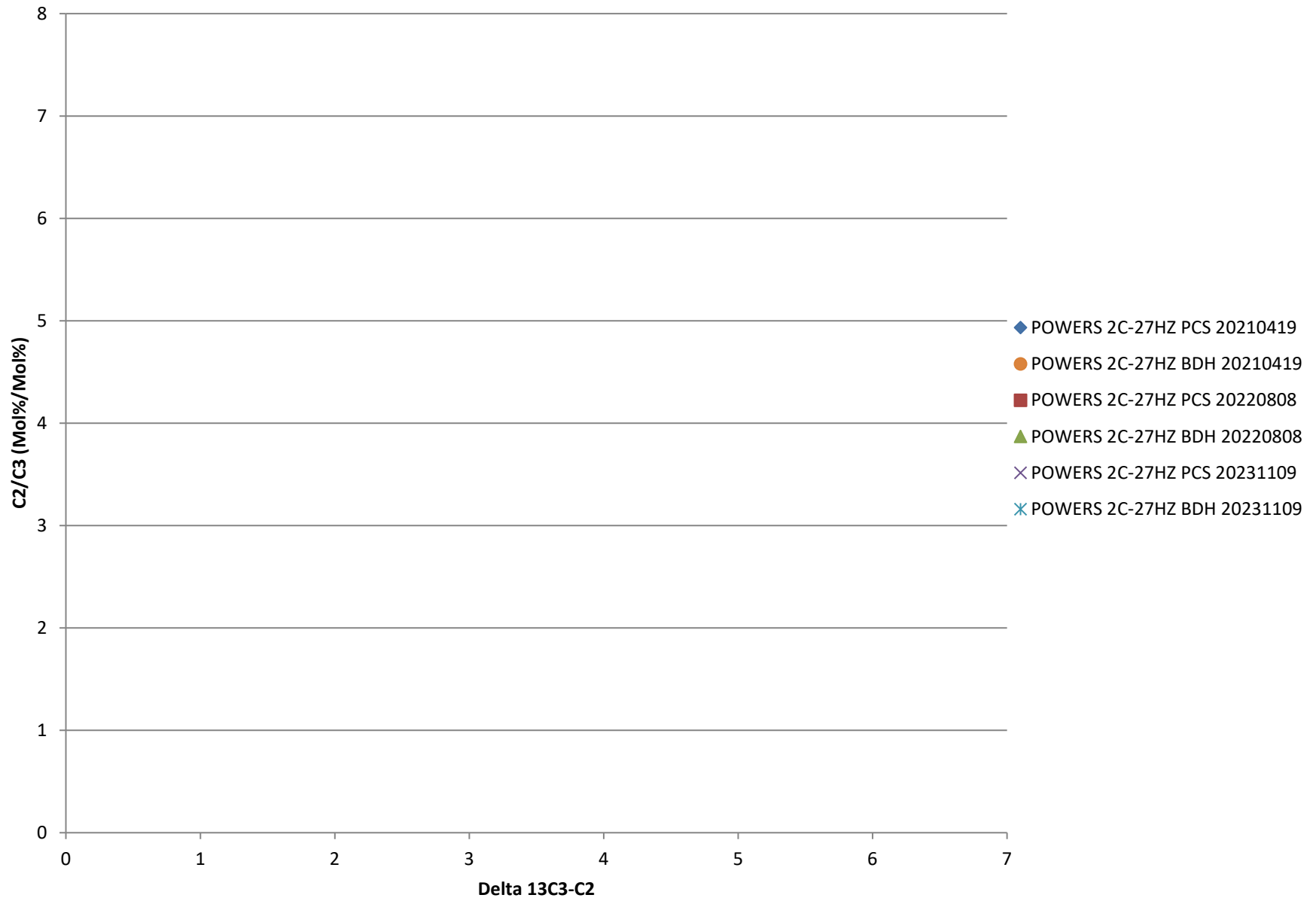
# Bradenhead Test Summary



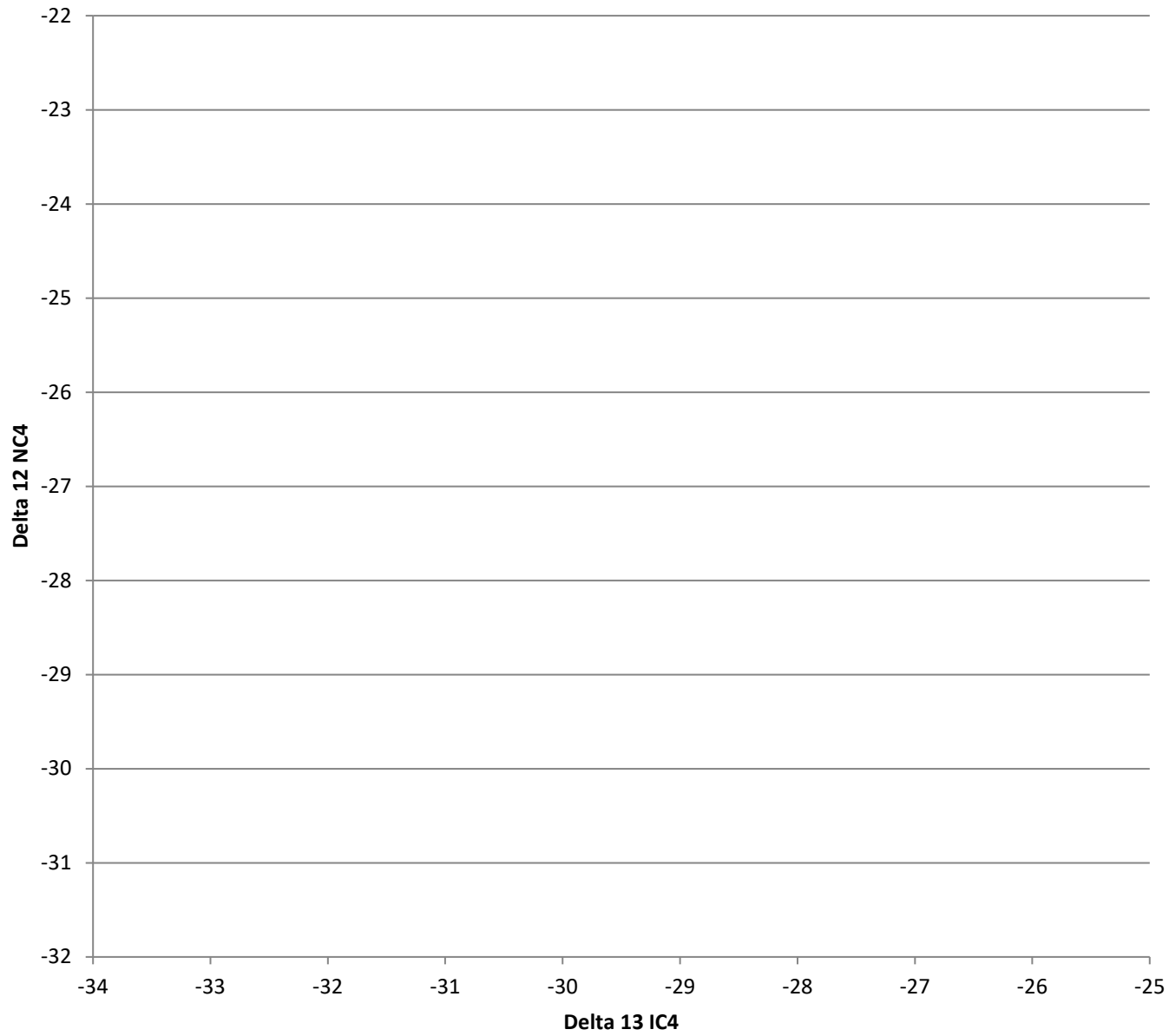
# Delta 13C2/Delta 13C3



# Delta13 C2/C3 vs. Delta 13C3-C2



# Delta 13 IC4/ Delta NC4



- ◆ POWERS 2C-27HZ PCS  
20210419
- POWERS 2C-27HZ BDH  
20210419
- ✱ POWERS 2C-27HZ PCS  
20220808
- POWERS 2C-27HZ BDH  
20220808
- ▲ POWERS 2C-27HZ PCS  
20231109