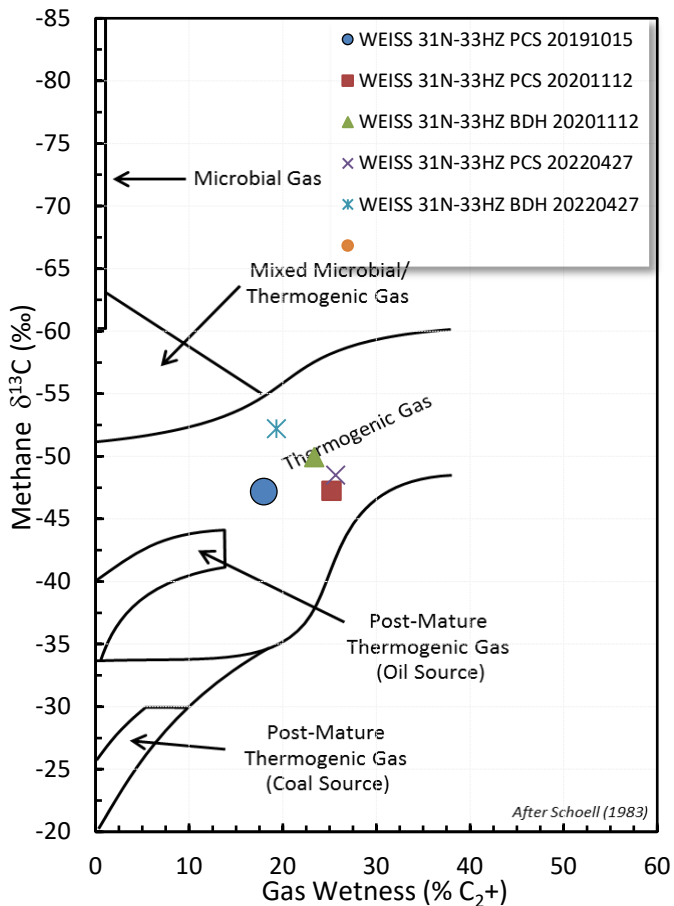
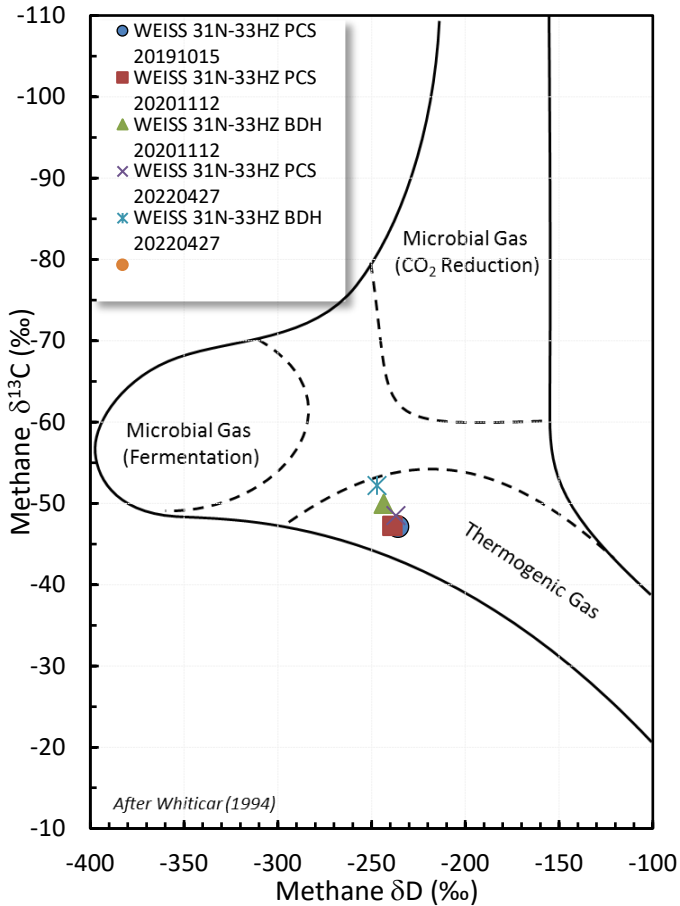


# Stable Isotope Interpretive Plots

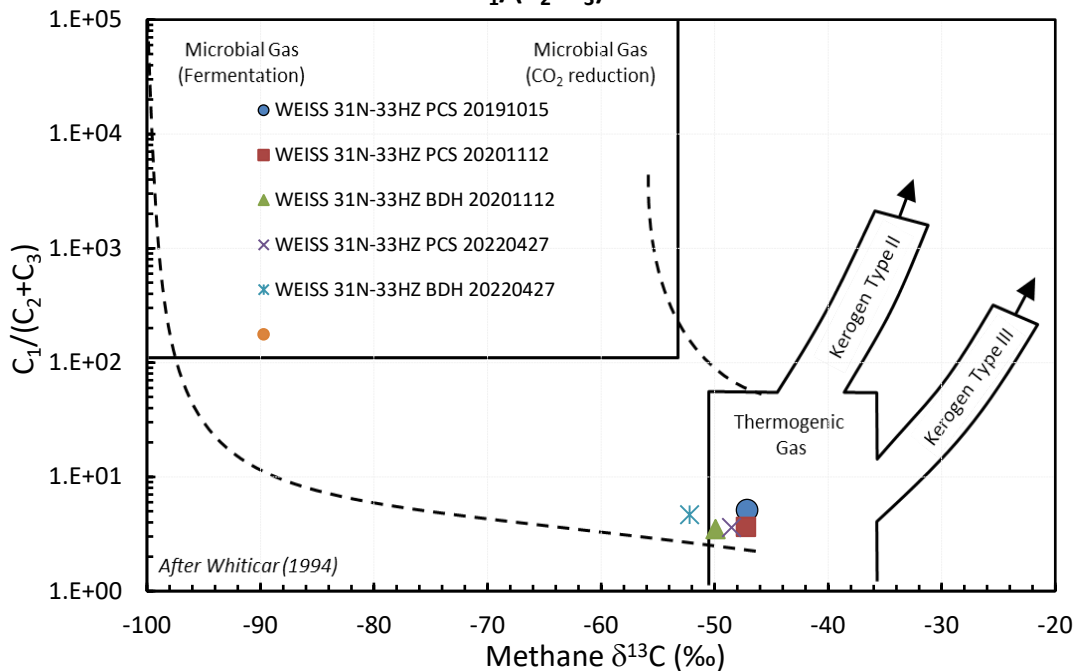
## Methane vs Gas Wetness Genetic Classification



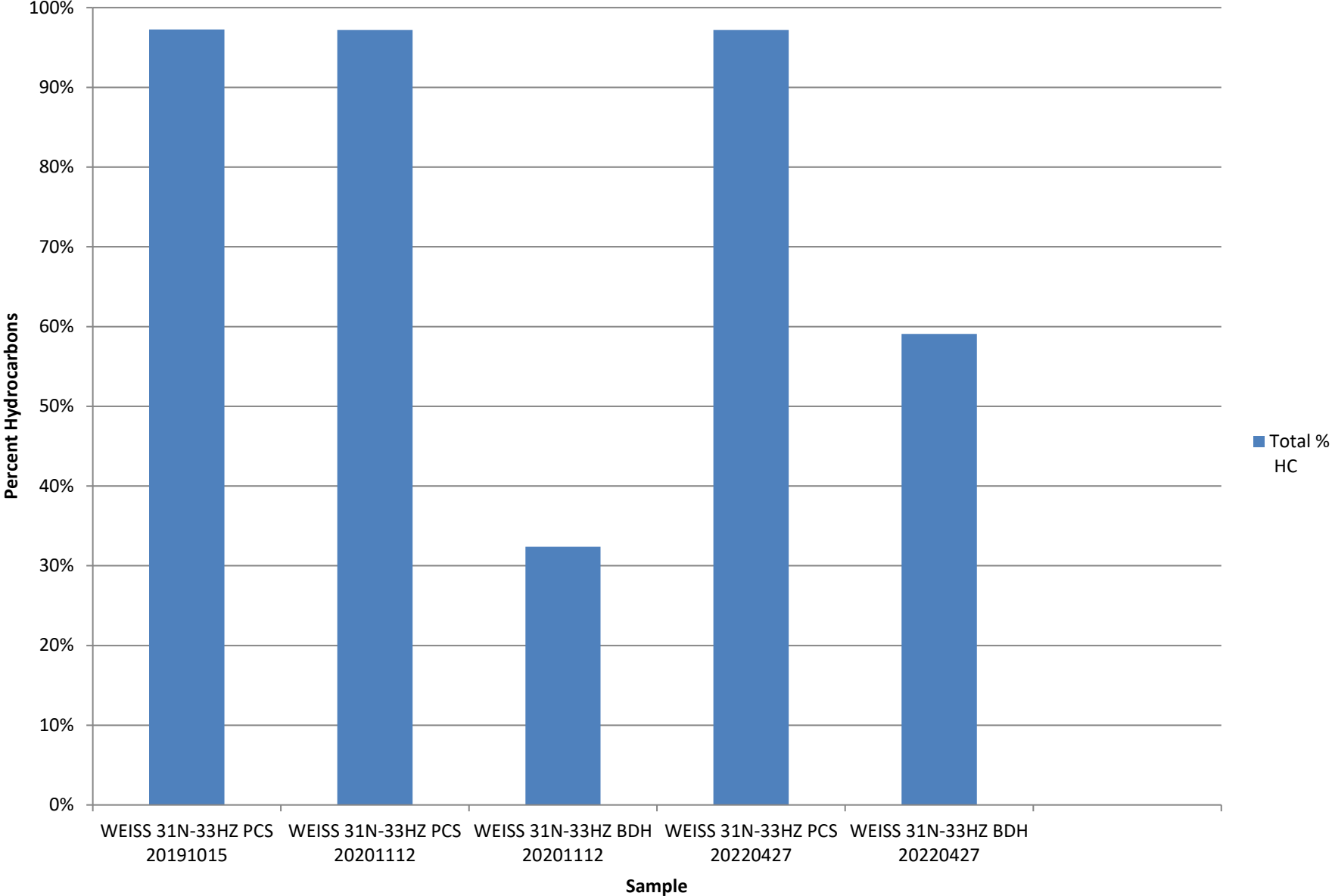
## Methane $\delta^{13}\text{C}$ vs $\delta\text{D}$ Genetic Classification Plot



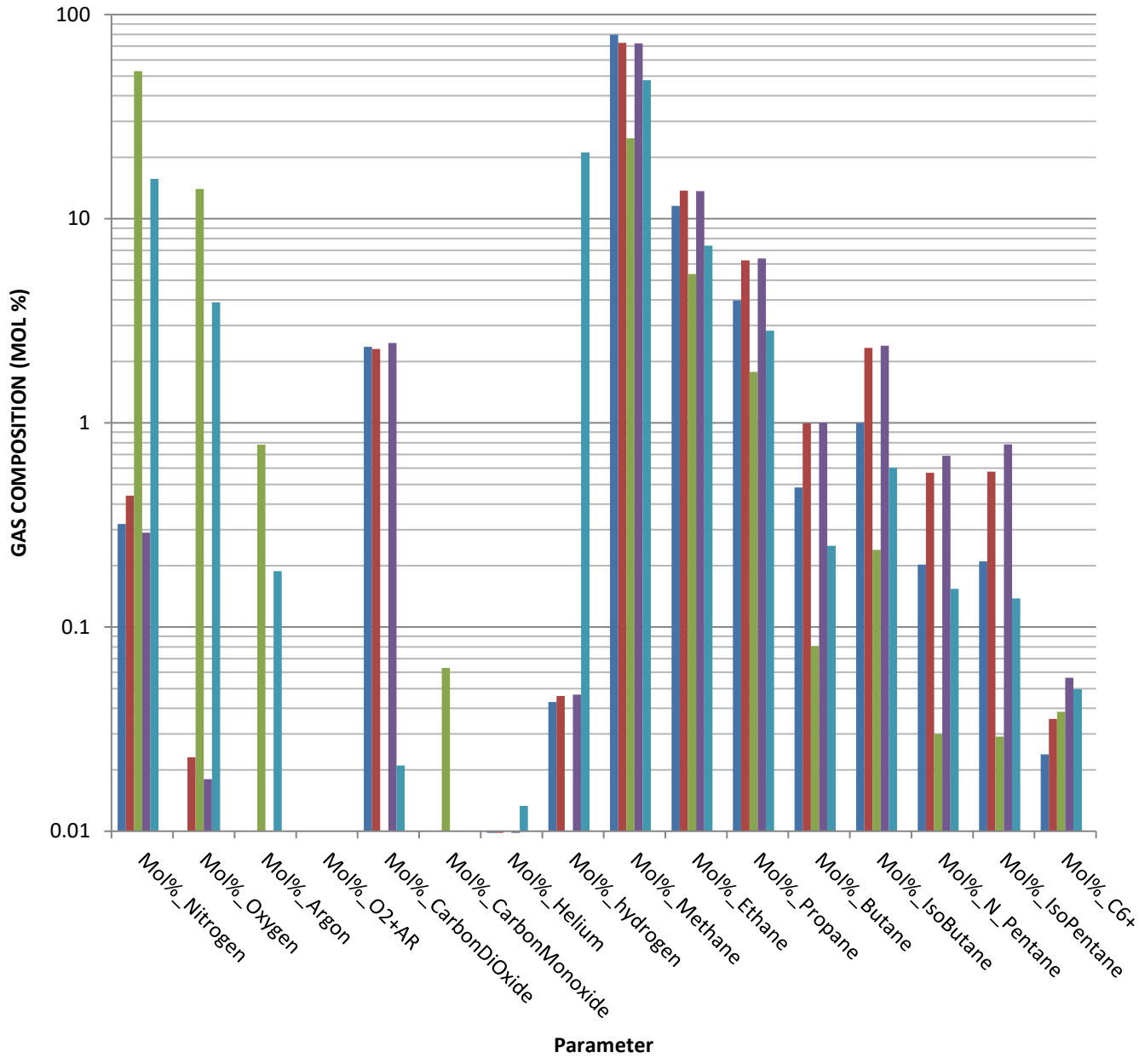
## Methane $\delta^{13}\text{C}$ vs $\text{C}_1/(\text{C}_2+\text{C}_3)$ Genetic Classification Plot



# Total Percent Hydrocarbons

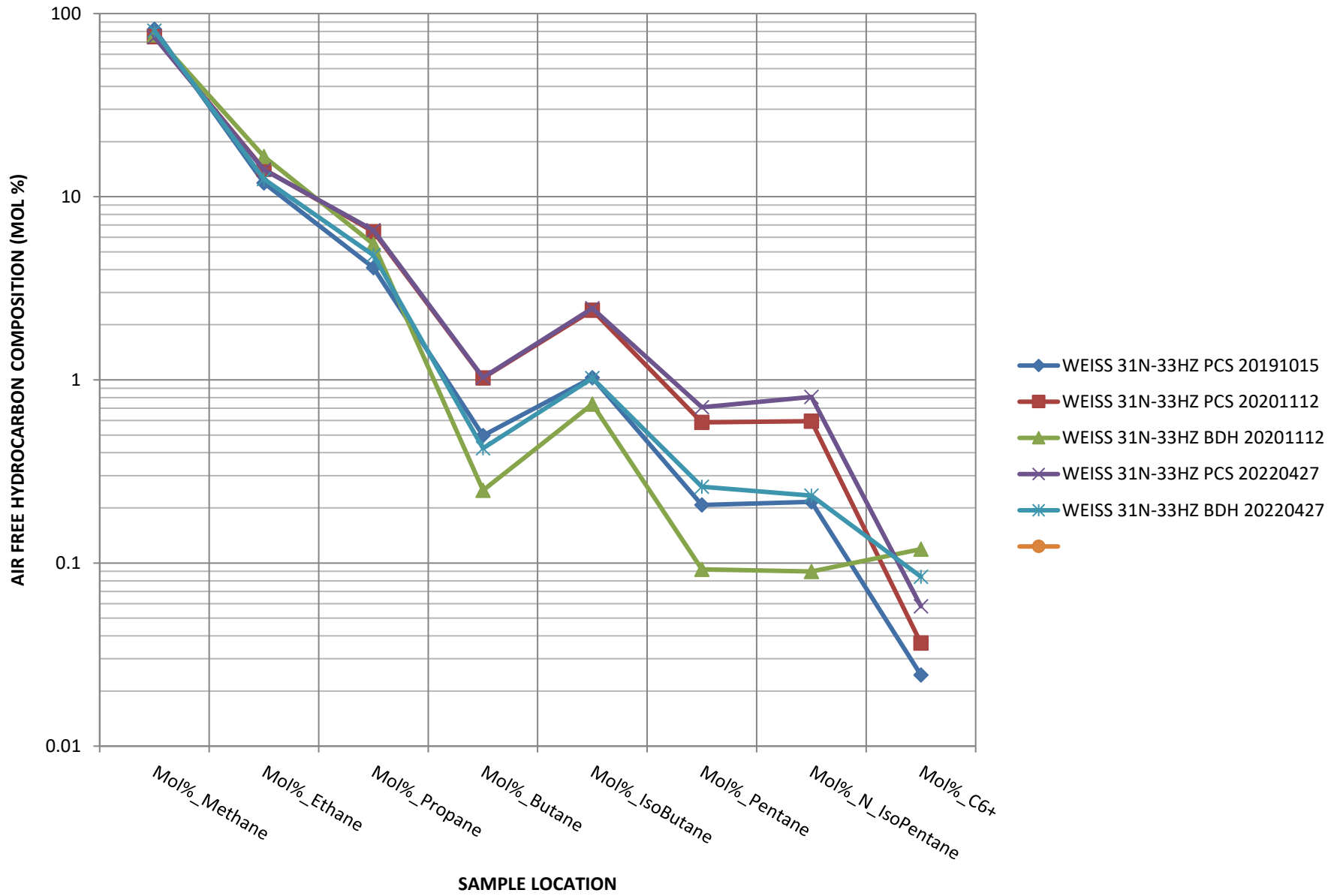


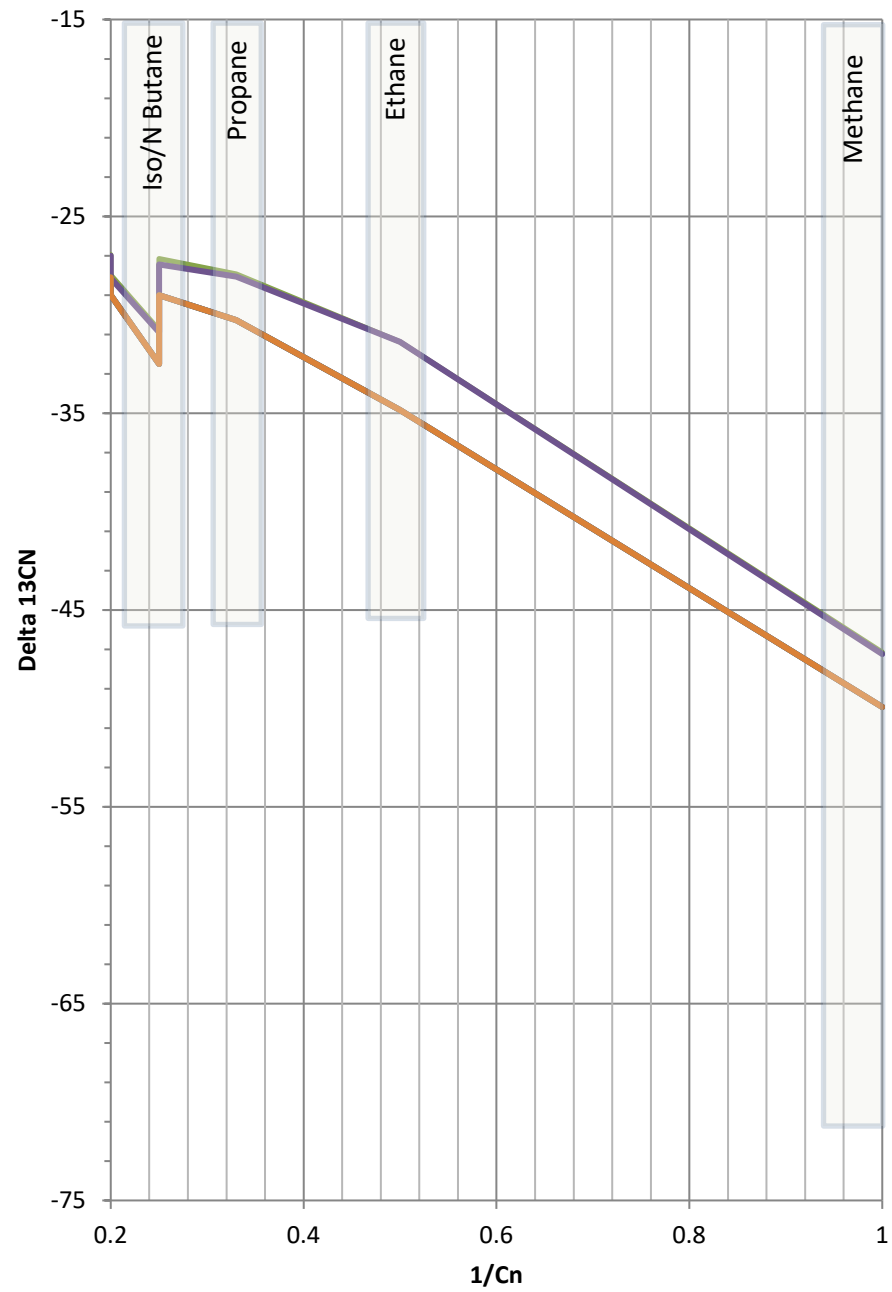
# GAS COMPOSITION



- WEISS 31N-33HZ PCS 20191015
- WEISS 31N-33HZ PCS 20201112
- WEISS 31N-33HZ BDH 20201112
- WEISS 31N-33HZ PCS 20220427
- WEISS 31N-33HZ BDH 20220427

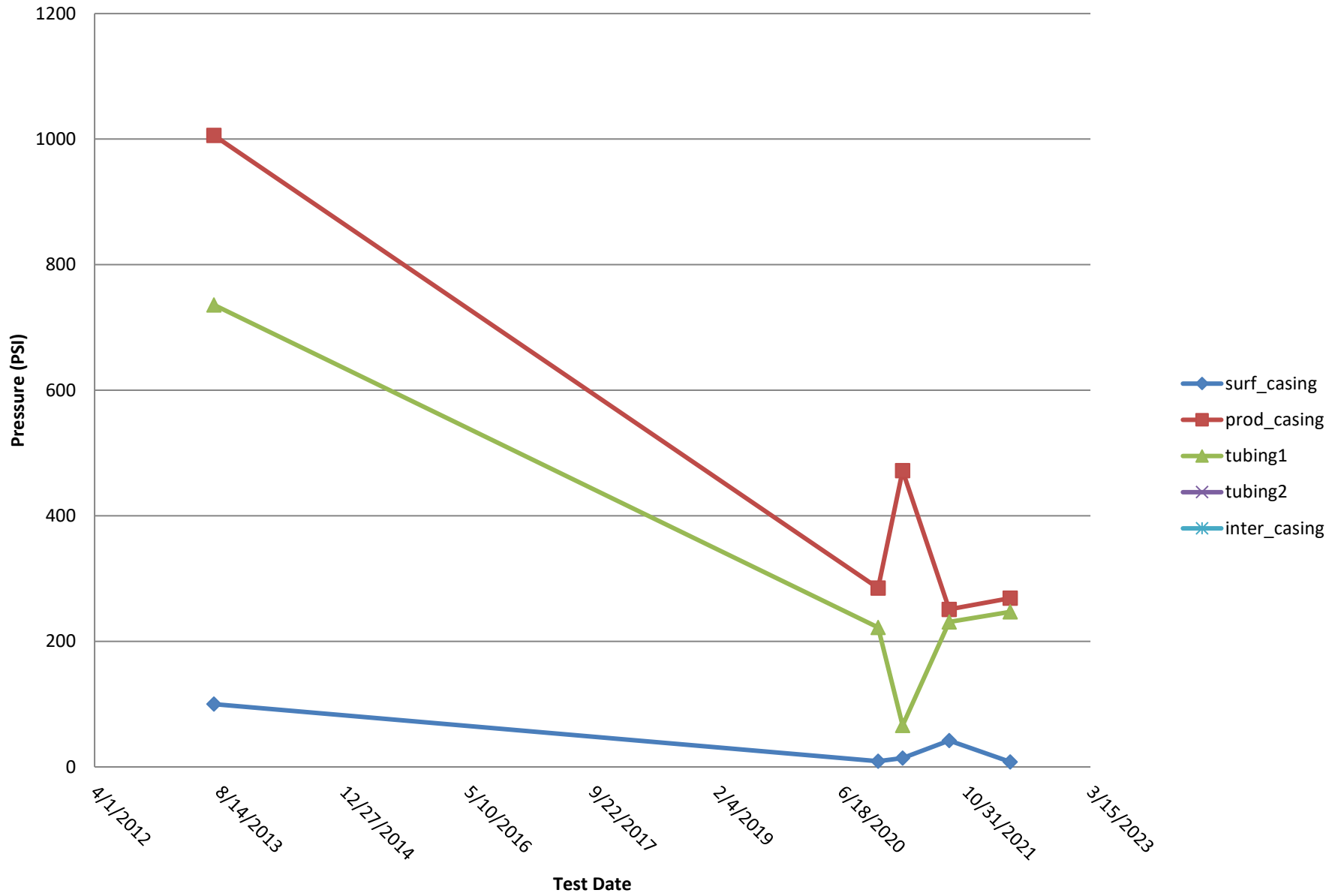
# HYDROCARBON COMPOSITION



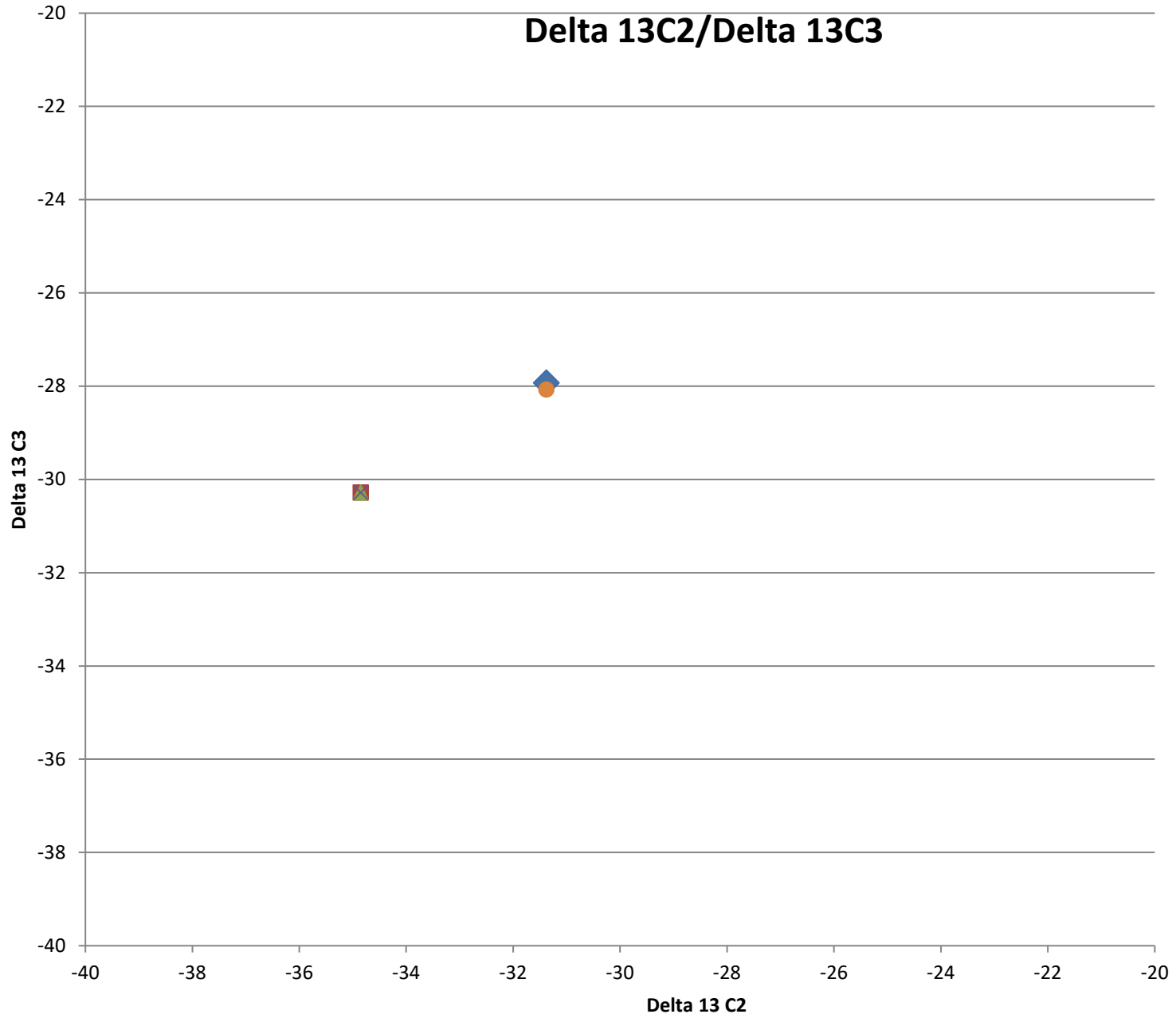


- WEISS 31N-33HZ PCS
- WEISS 31N-33HZ PCS
- WEISS 31N-33HZ BDH
- WEISS 31N-33HZ BDH
- WEISS 31N-33HZ BDH
- WEISS 31N-33HZ BDH

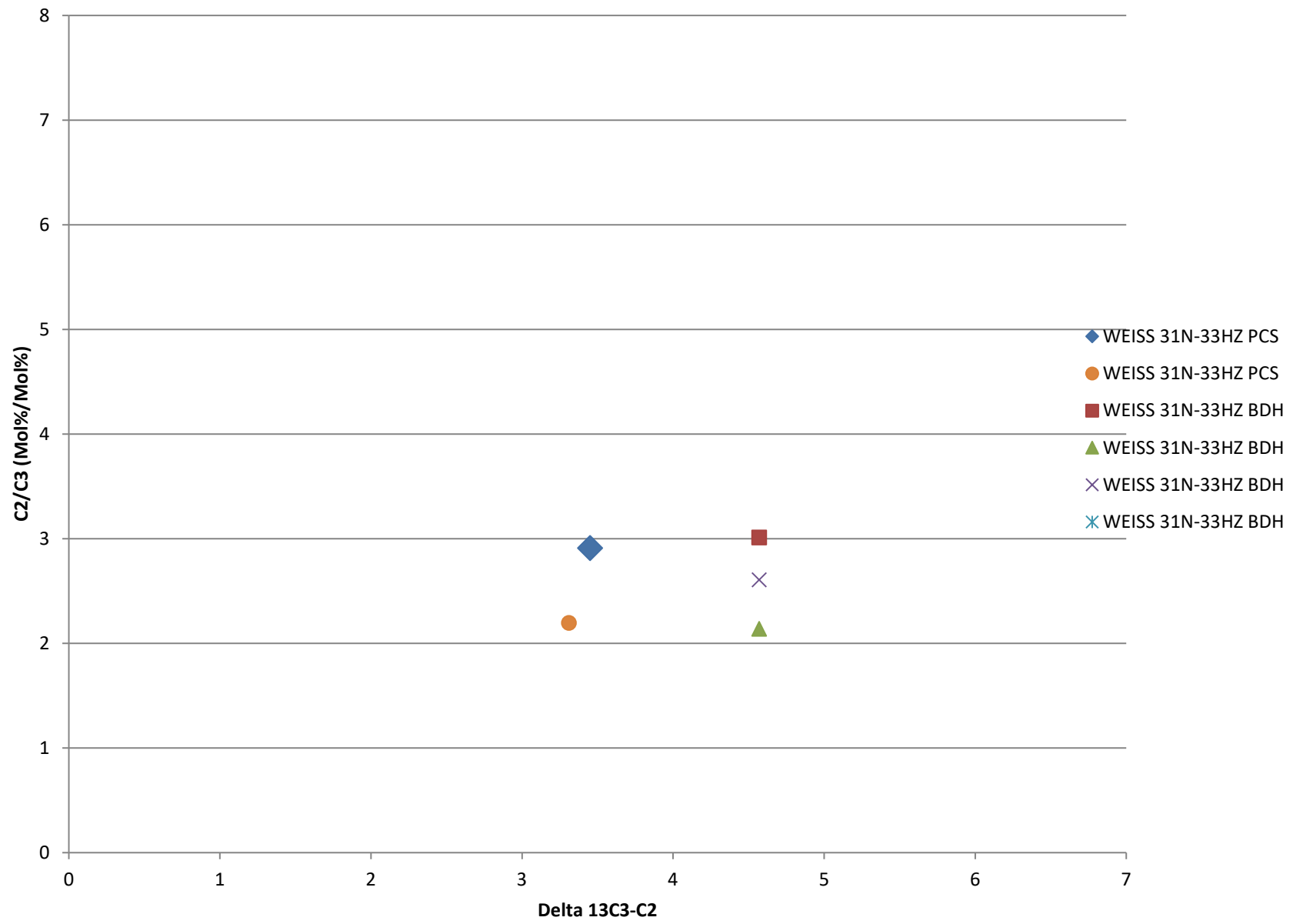
# Bradenhead Test Summary



# Delta 13C2/Delta 13C3



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



# Delta 13 IC4/ Delta NC4

