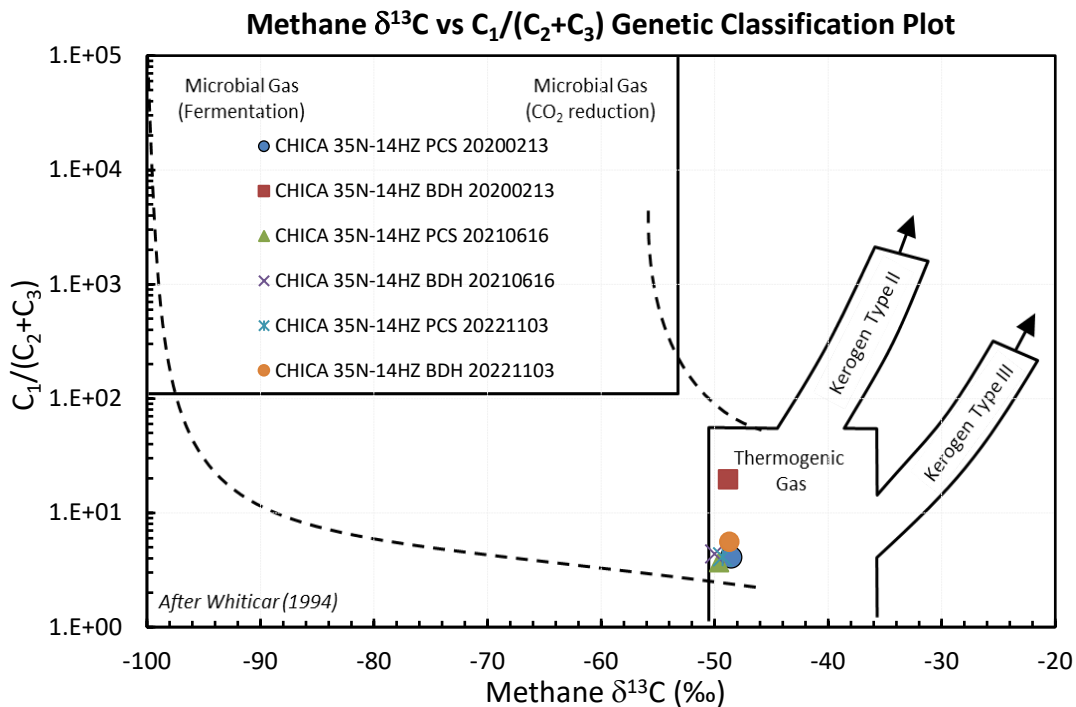
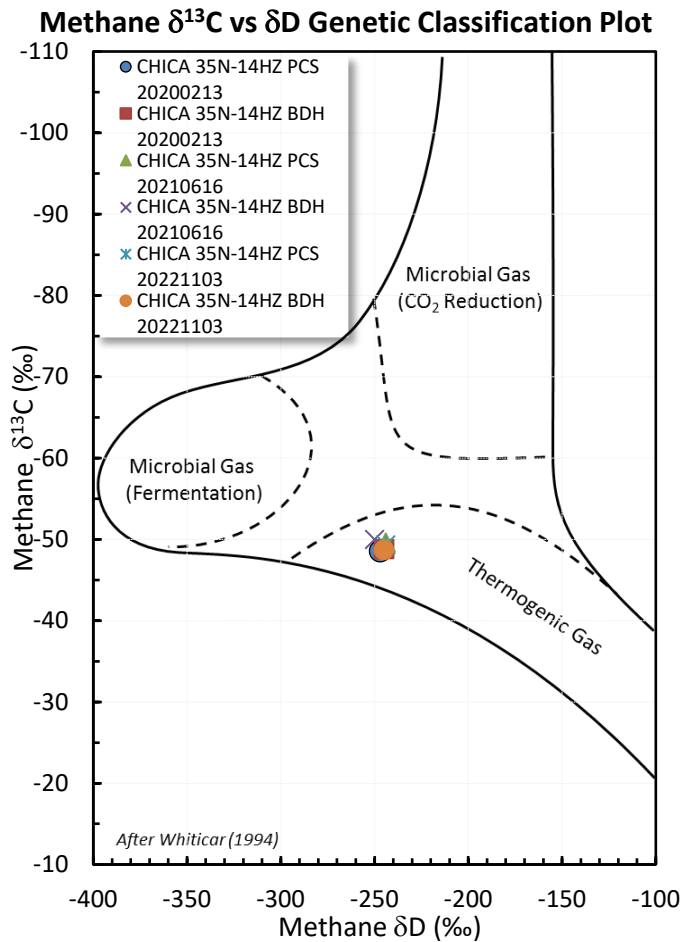
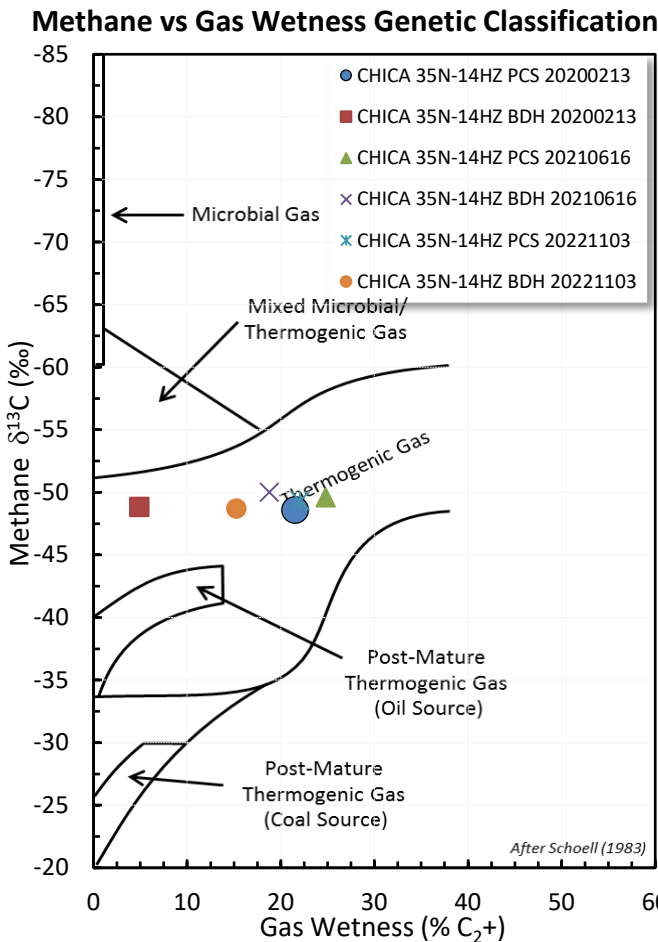
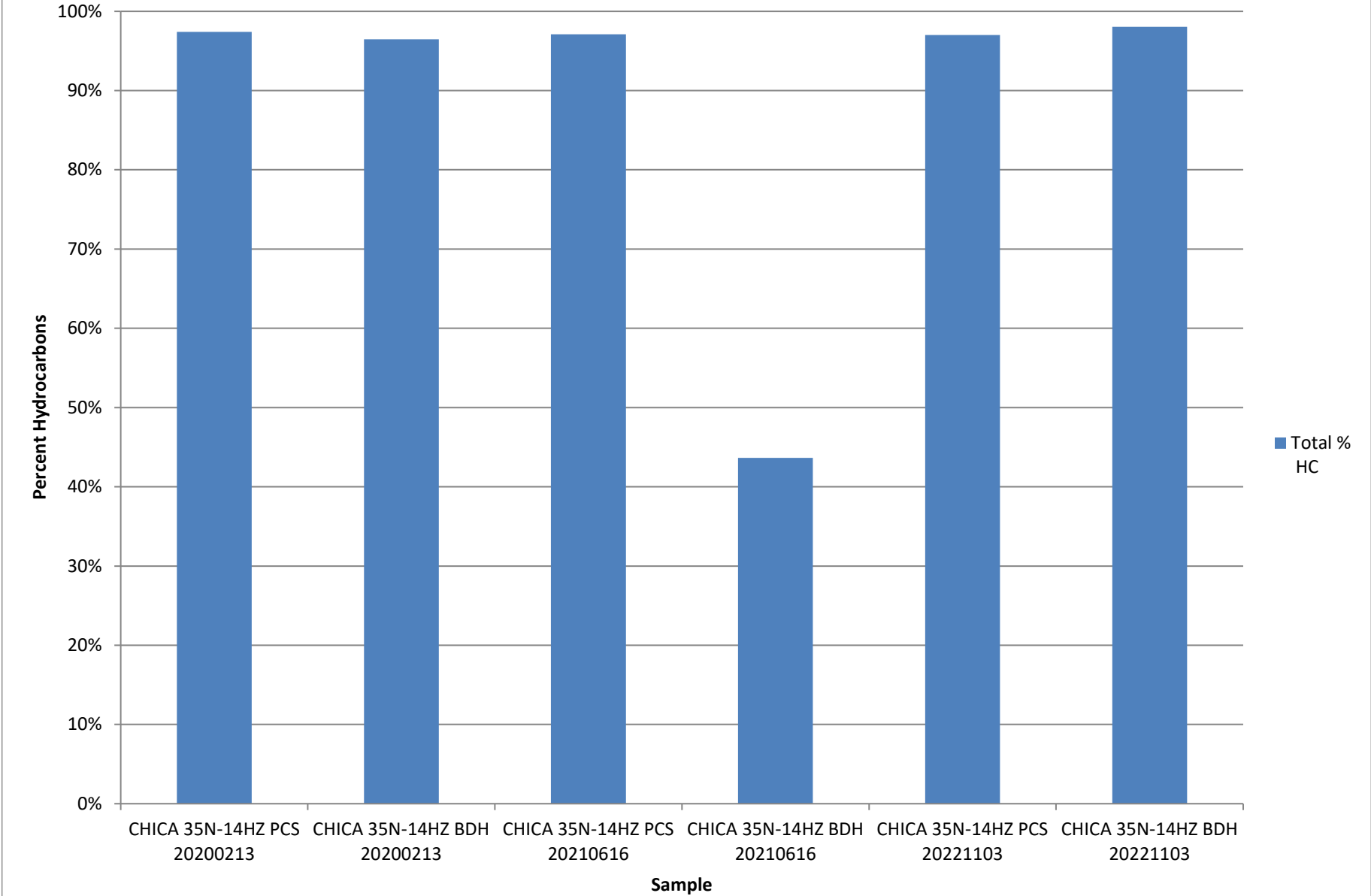


# Stable Isotope Interpretive Plots



Total Percent Hydrocarbons



**GAS COMPOSITION**

**Y-axis:** GAS COMPOSITION (MOL %)

**X-axis:** Parameter

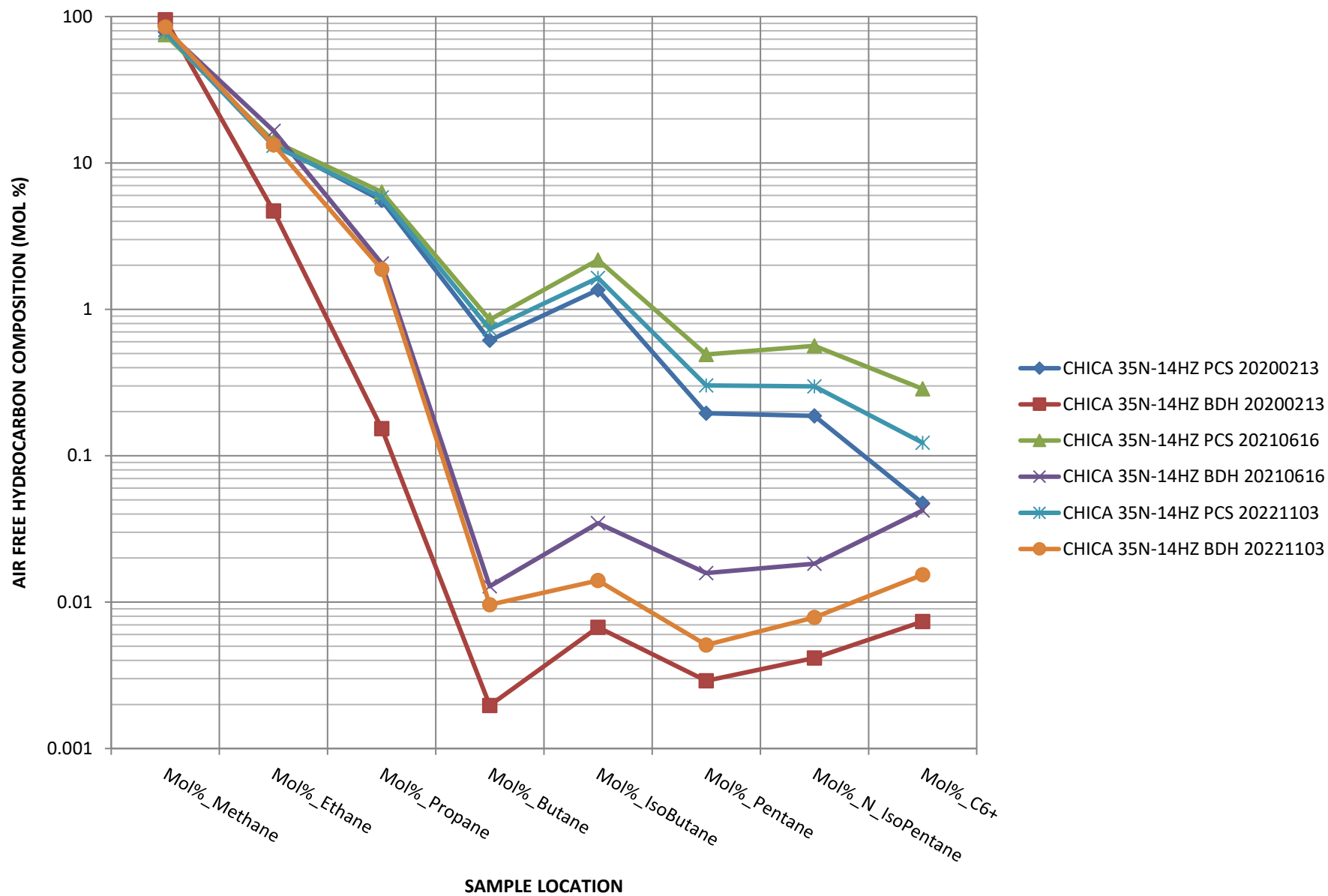
**Legend:**

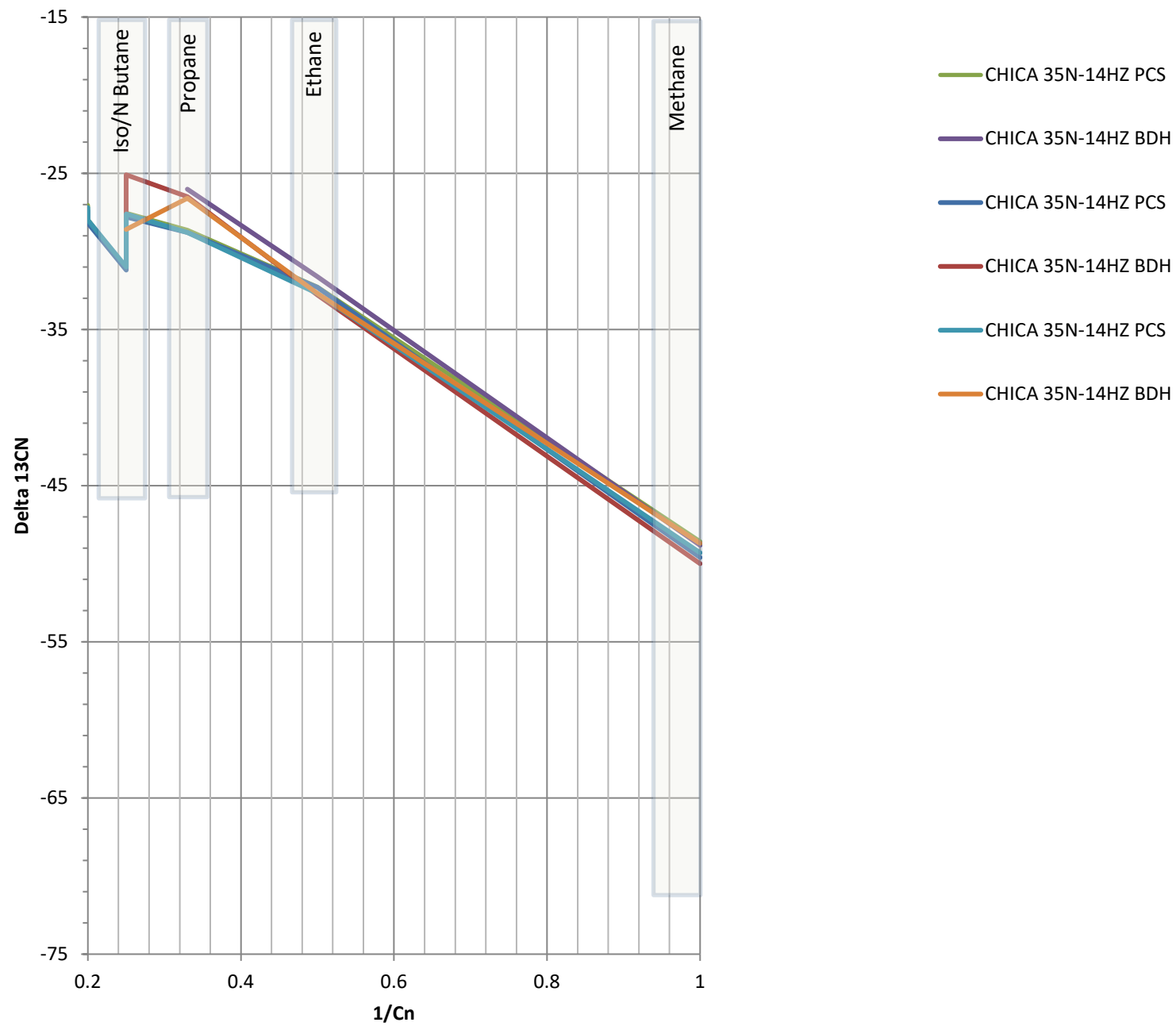
- CHICA 35N-14HZ PCS 20200213
- CHICA 35N-14HZ BDH 20200213
- CHICA 35N-14HZ PCS 20210616
- CHICA 35N-14HZ BDH 20210616
- CHICA 35N-14HZ PCS 2021103
- CHICA 35N-14HZ BDH 2021103

Parameter	CHICA 35N-14HZ PCS 20200213	CHICA 35N-14HZ BDH 20200213	CHICA 35N-14HZ PCS 20210616	CHICA 35N-14HZ BDH 20210616	CHICA 35N-14HZ PCS 2021103	CHICA 35N-14HZ BDH 2021103
Mol%_Nitrogen	0.35	3.5	0.5	45	0.4	2.0
Mol%_Oxygen	0.05	0.01	0.05	12	0.01	0.01
Mol%_Argon	0.01	0.03	0.01	0.5	0.01	0.02
Mol%_O2+AR	2.2	0.01	2.2	0.05	1.8	0.01
Mol%_CarbonDioxide	0.01	0.03	0.01	0.01	0.01	0.01
Mol%_Helium	0.13	0.08	0.22	0.04	0.75	0.02
Mol%_hydrogen	75	85	70	35	75	80
Mol%_Methane	13	5	13	7	13	13
Mol%_Ethane	5.5	0.15	6.0	1.0	5.5	1.8
Mol%_Propane	0.6	0.01	0.8	0.01	0.7	0.01
Mol%_Butane	1.3	0.01	2.2	0.015	1.6	0.015
Mol%_IsoButane	0.2	0.01	0.5	0.01	0.3	0.01
Mol%_N_Pentane	0.18	0.01	0.55	0.01	0.3	0.01
Mol%_IsoPentane	0.05	0.01	0.55	0.02	0.3	0.015
Mol%_C6+	0.01	0.01	0.01	0.01	0.01	0.01

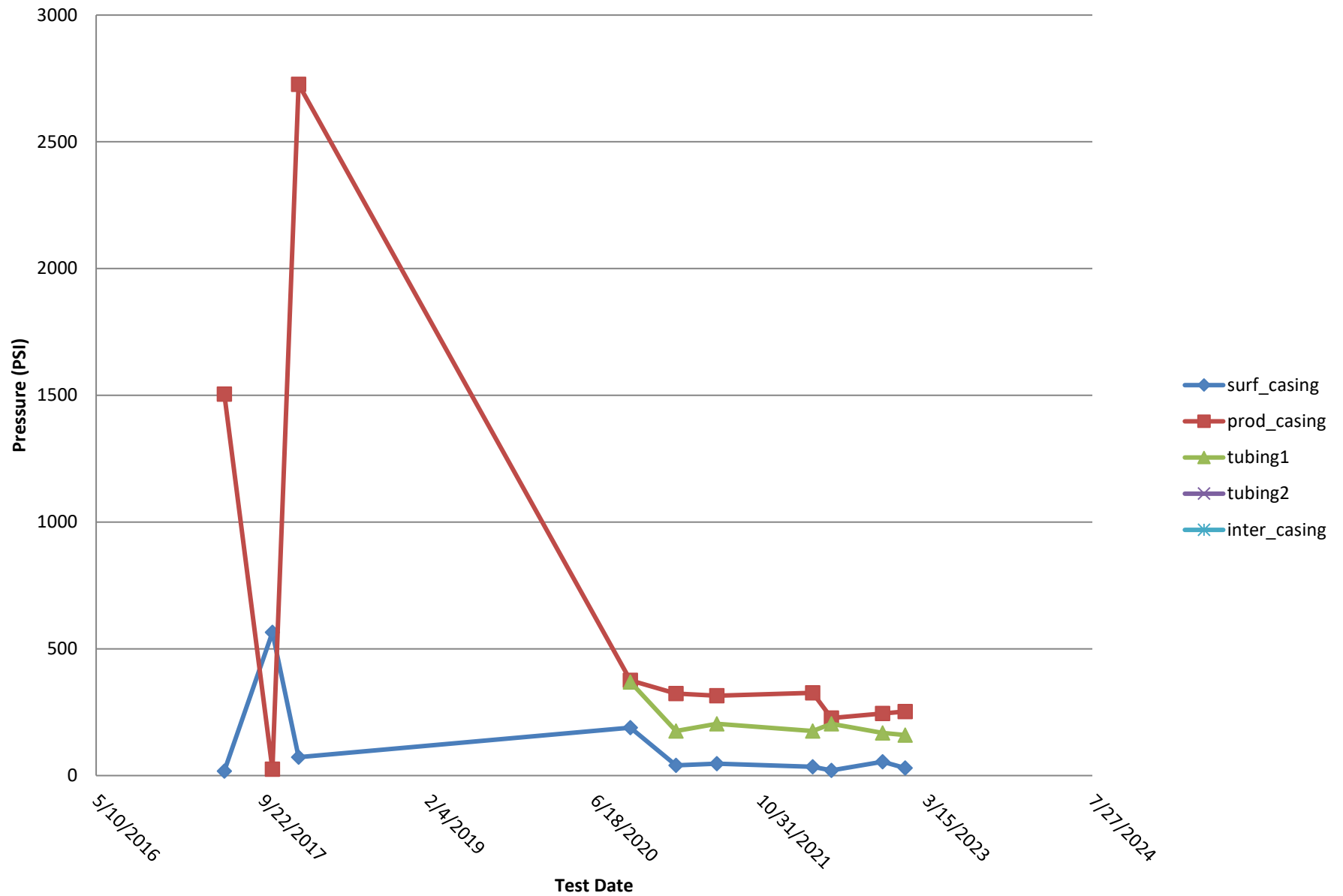
- CHICA 35N-14HZ PCS  
20200213
- CHICA 35N-14HZ BDH  
20200213
- CHICA 35N-14HZ PCS  
20210616
- CHICA 35N-14HZ BDH  
20210616
- CHICA 35N-14HZ PCS  
20221103

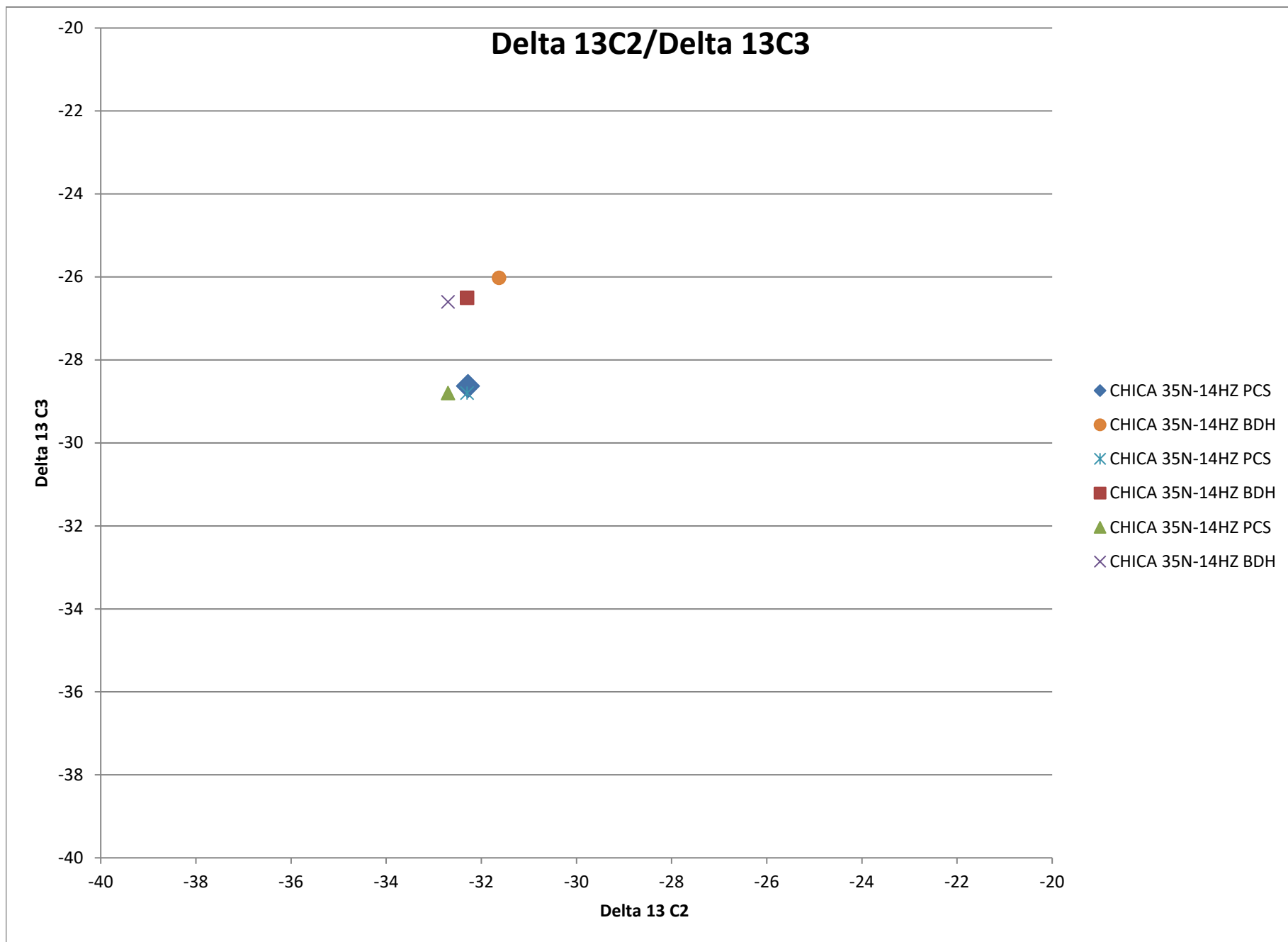
## HYDROCARBON COMPOSITION



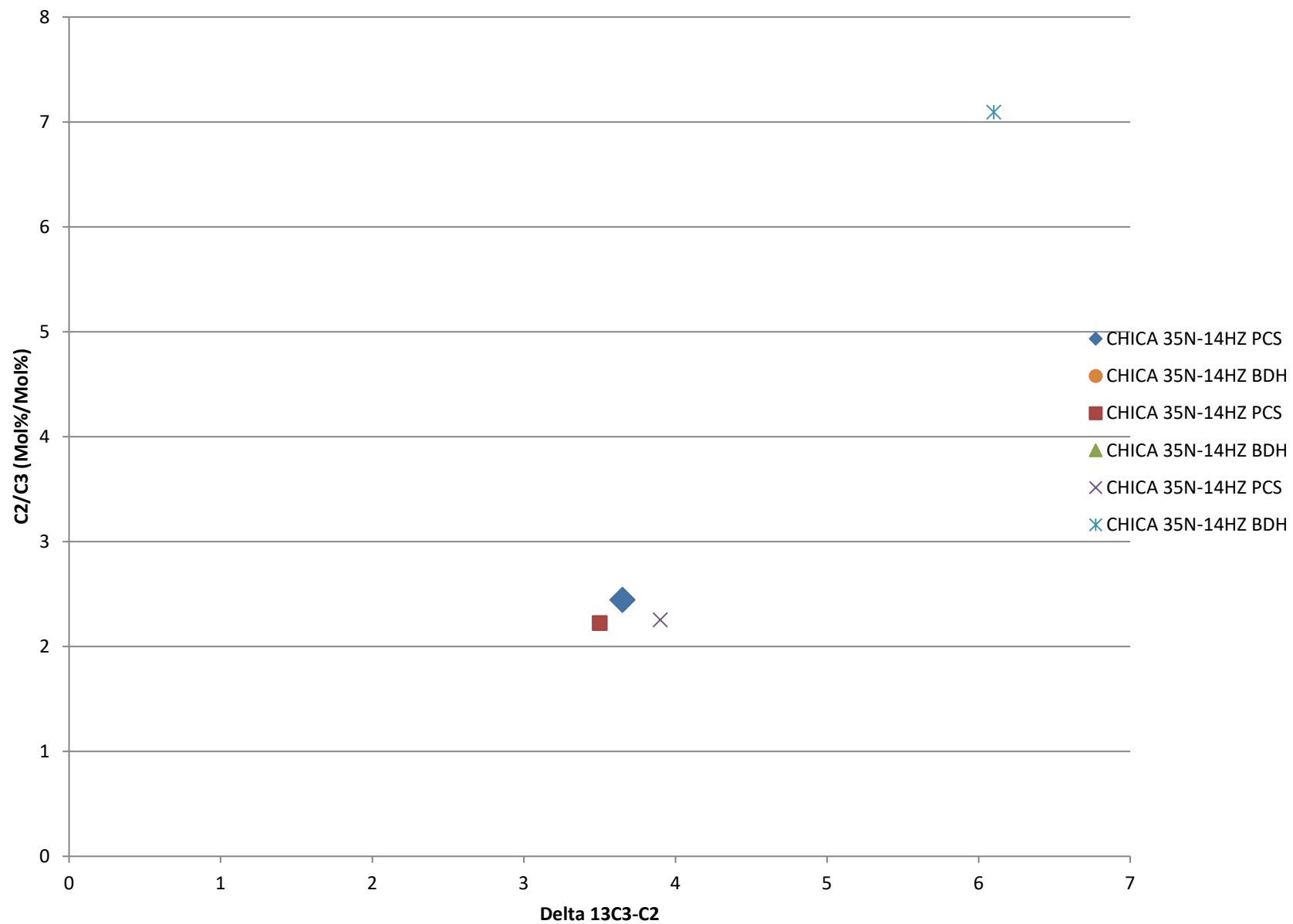


## Bradenhead Test Summary





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





## Delta 13 IC4/ Delta NC4

