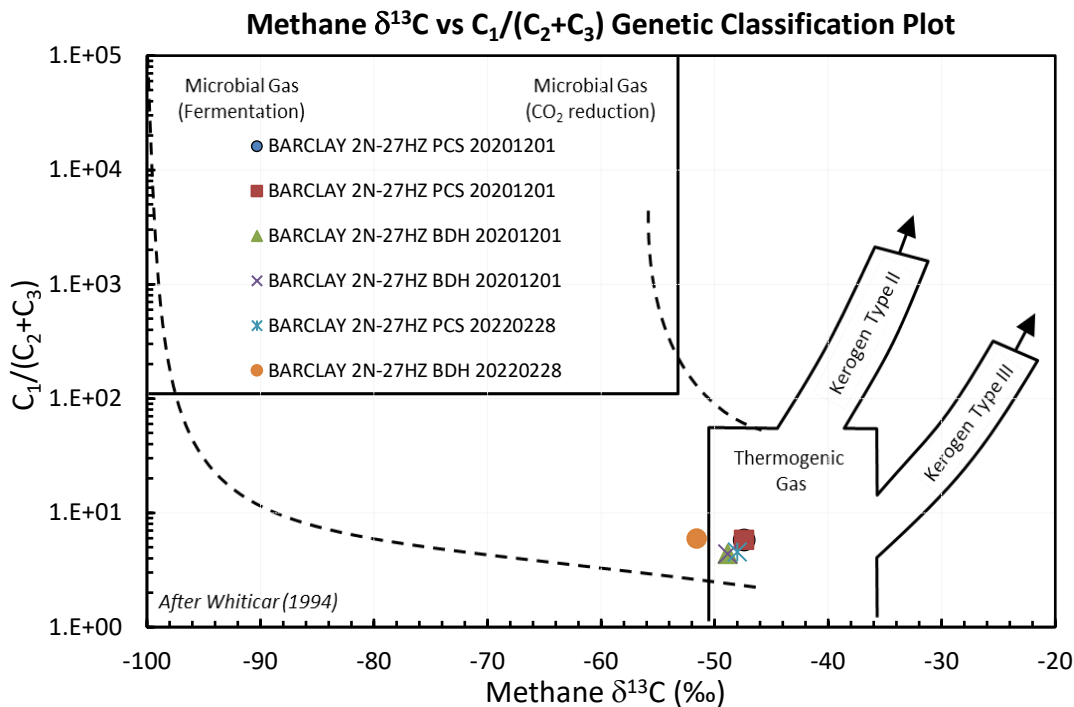
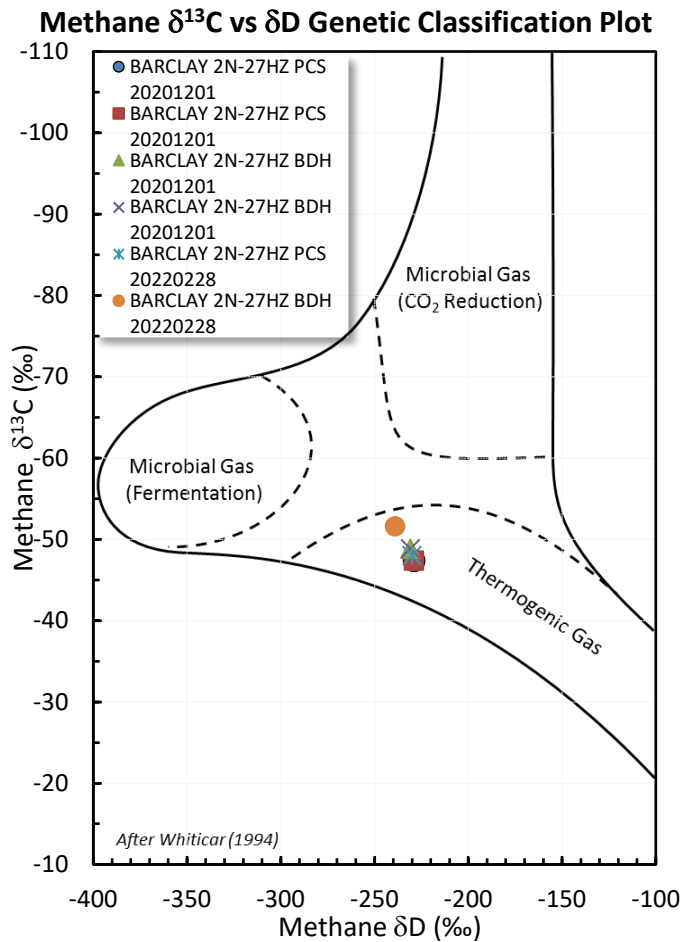
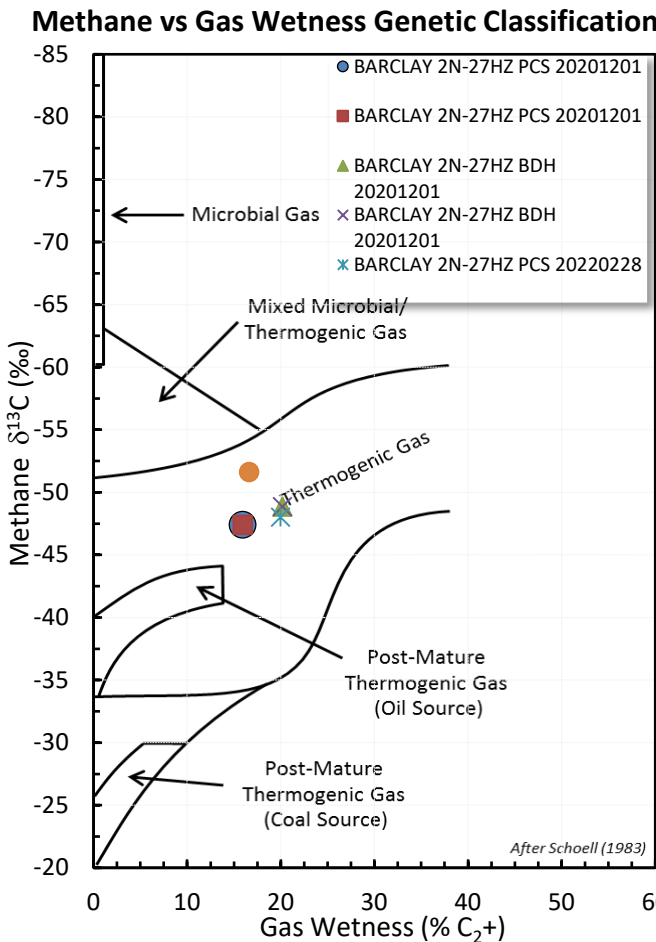
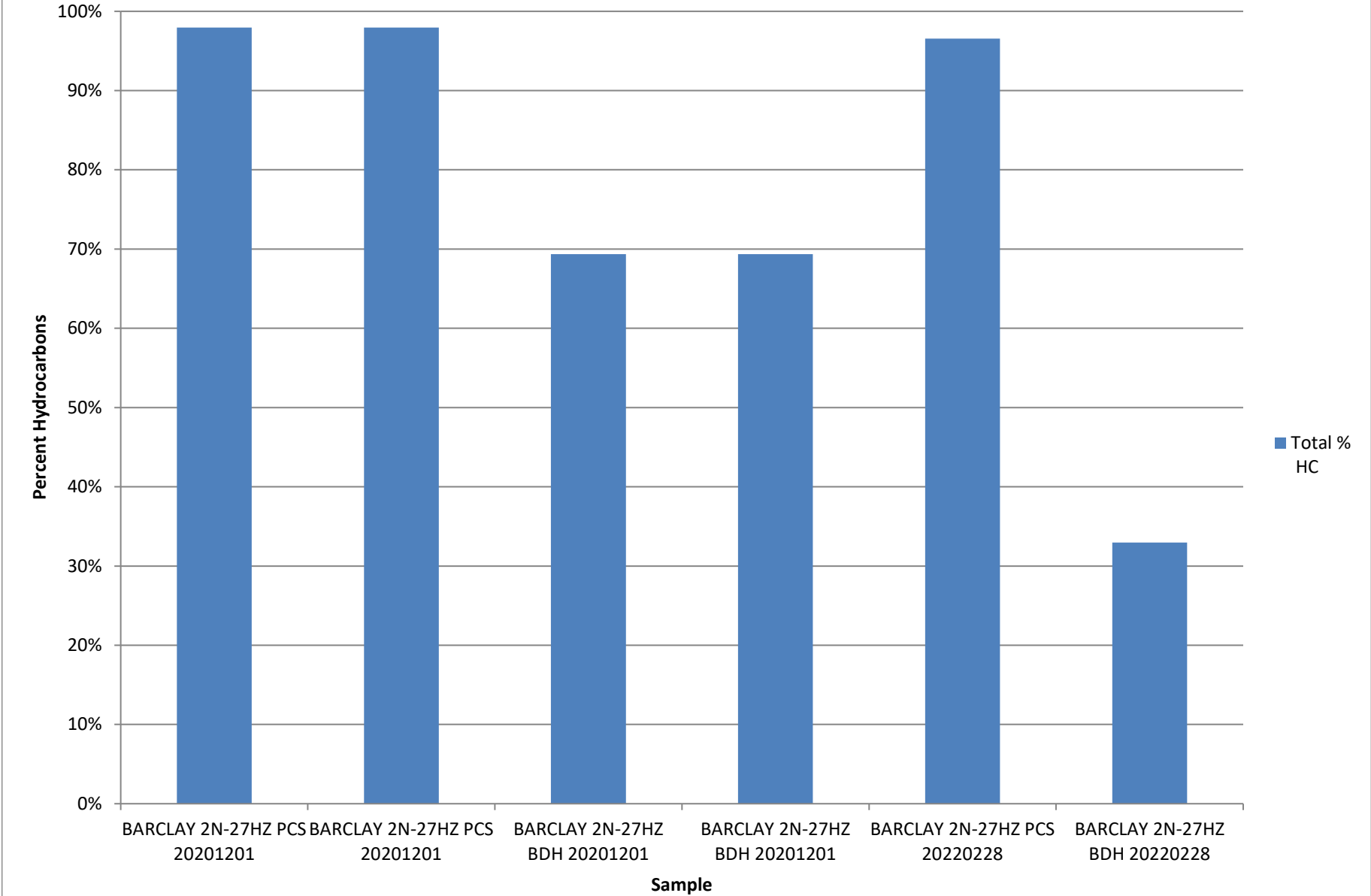


# Stable Isotope Interpretive Plots



# Total Percent Hydrocarbons



**GAS COMPOSITION**

GAS COMPOSITION (MOL %)

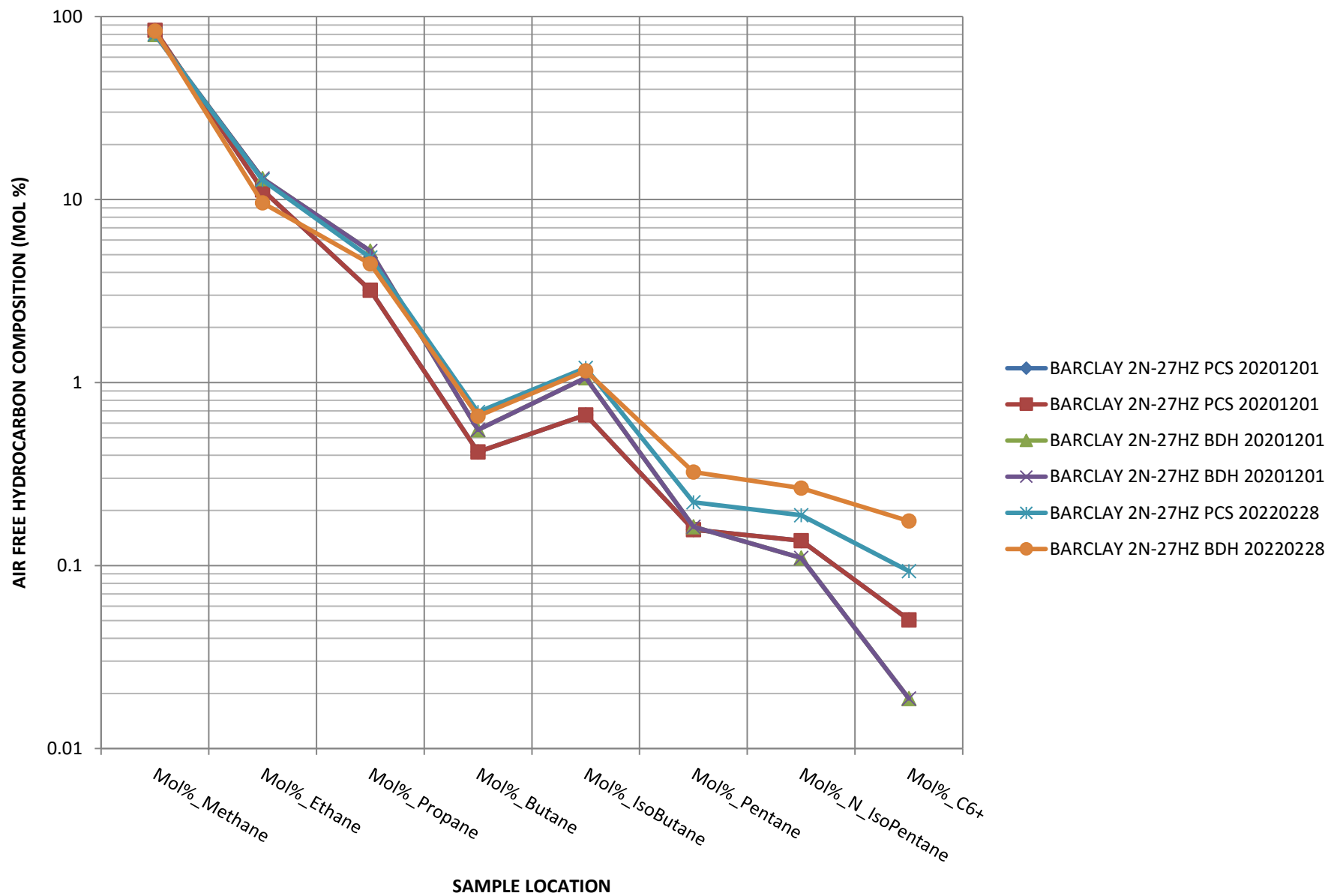
Parameter

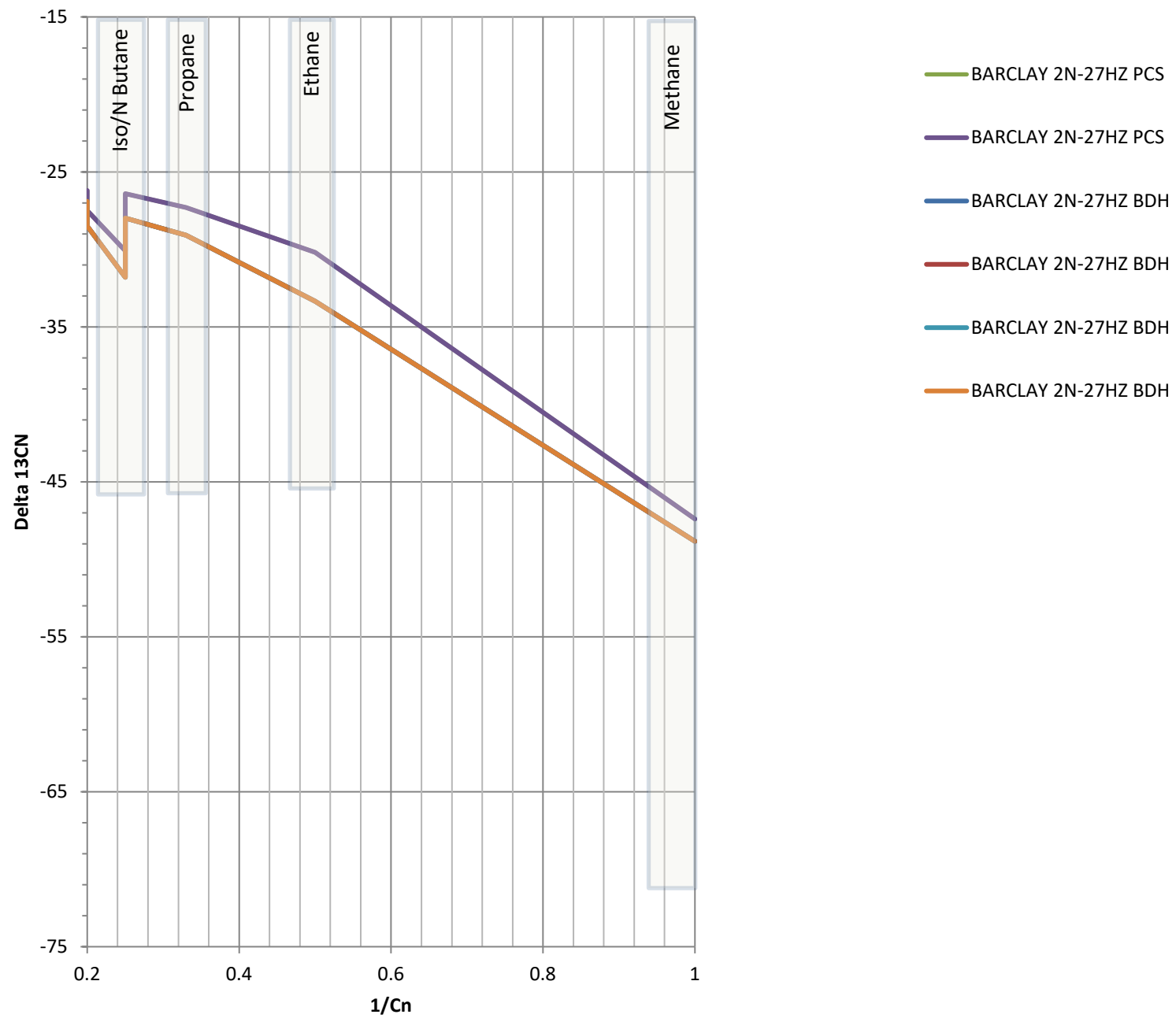
■ BARCLAY 2N-27HZ PCS 20201201  
 ■ BARCLAY 2N-27HZ PCS 20201201  
 ■ BARCLAY 2N-27HZ BDH 20201201  
 ■ BARCLAY 2N-27HZ BDH 20201201  
 ■ BARCLAY 2N-27HZ PCS 20201201  
 ■ BARCLAY 2N-27HZ PCS 20220228

Parameter	BARCLAY 2N-27HZ PCS 20201201	BARCLAY 2N-27HZ PCS 20201201	BARCLAY 2N-27HZ BDH 20201201	BARCLAY 2N-27HZ BDH 20201201	BARCLAY 2N-27HZ PCS 20201201	BARCLAY 2N-27HZ PCS 20220228
Mol%_Nitrogen	0.5	0.5	25	25	0.8	50
Mol%_Oxygen	0.03	0.03	5	5	0.15	13
Mol%_Argon	0.5	0.5	0.5	0.5	0.5	0.6
Mol%_O2+AR	1.3	1.3	1.3	1.3	2.5	0.05
Mol%_CarbonDioxide	0.001	0.001	0.001	0.001	0.001	0.001
Mol%_Helium	0.2	0.2	0.2	0.2	0.09	1.8
Mol%_hydrogen	80	80	50	50	75	28
Mol%_Methane	11	11	9	9	12	3.2
Mol%_Ethane	3.2	3.2	3.8	3.8	4.8	1.5
Mol%_Propane	0.45	0.45	0.4	0.4	0.65	0.22
Mol%_Butane	0.65	0.65	0.75	0.75	1.2	0.4
Mol%_IsoButane	0.16	0.16	0.12	0.12	0.22	0.11
Mol%_N_Pentane	0.14	0.14	0.075	0.075	0.18	0.085
Mol%_IsoPentane	0.05	0.05	0.015	0.015	0.09	0.055
Mol%_C6+	0.001	0.001	0.001	0.001	0.001	0.001

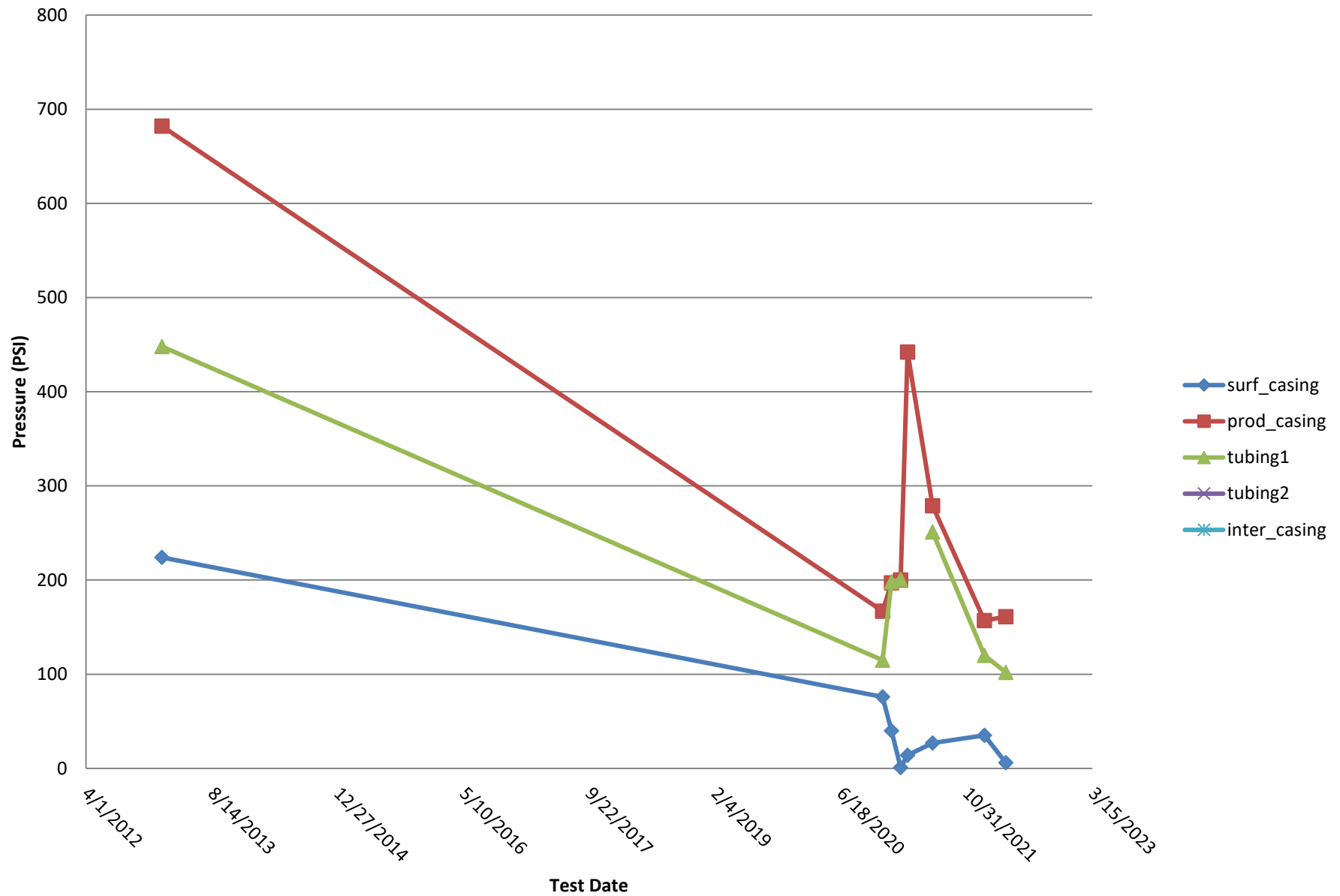
- BARCLAY 2N-27HZ PCS  
20201201
- BARCLAY 2N-27HZ PCS  
20201201
- BARCLAY 2N-27HZ BDH  
20201201
- BARCLAY 2N-27HZ BDH  
20201201
- BARCLAY 2N-27HZ PCS  
20220228

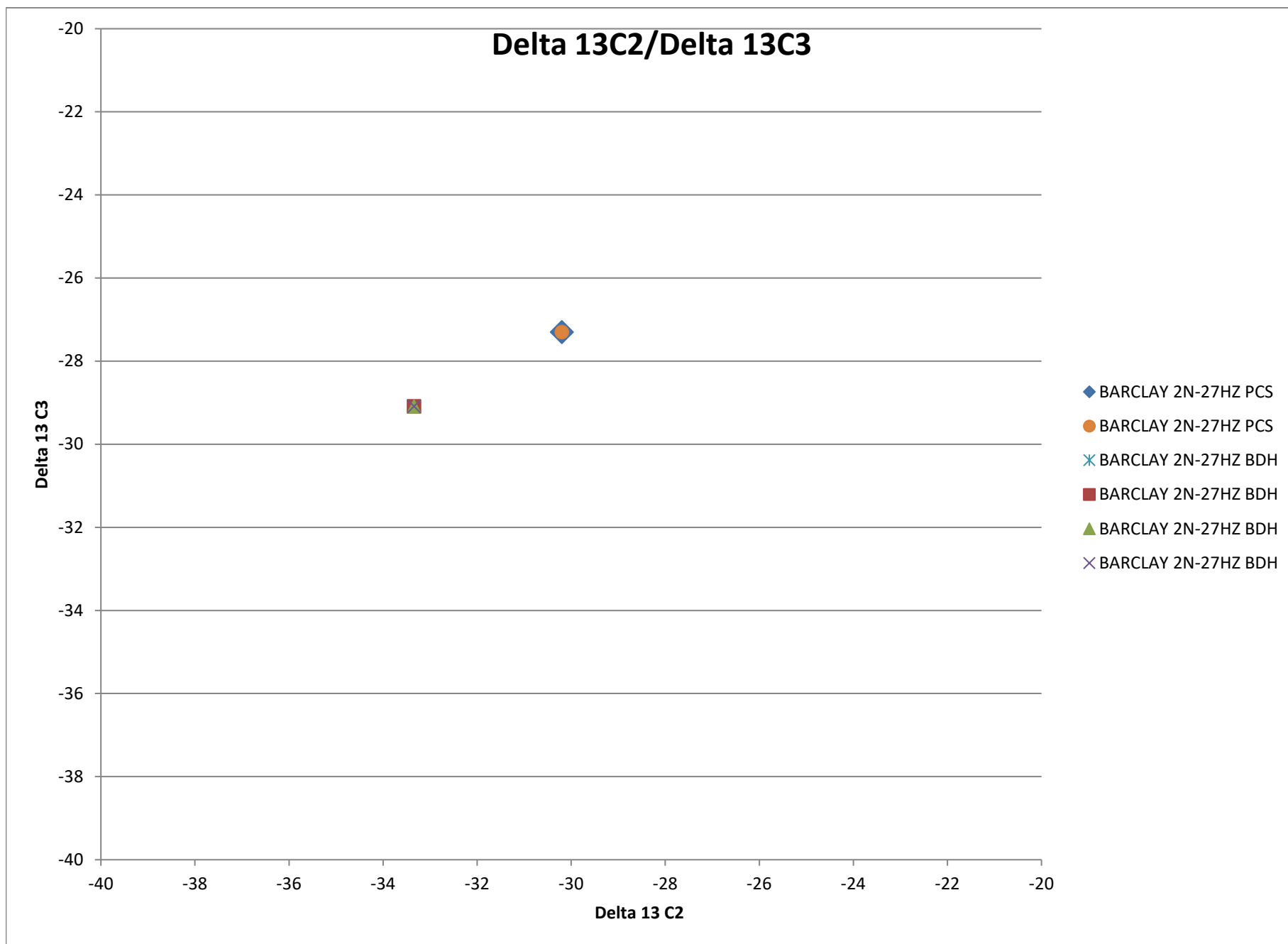
## HYDROCARBON COMPOSITION



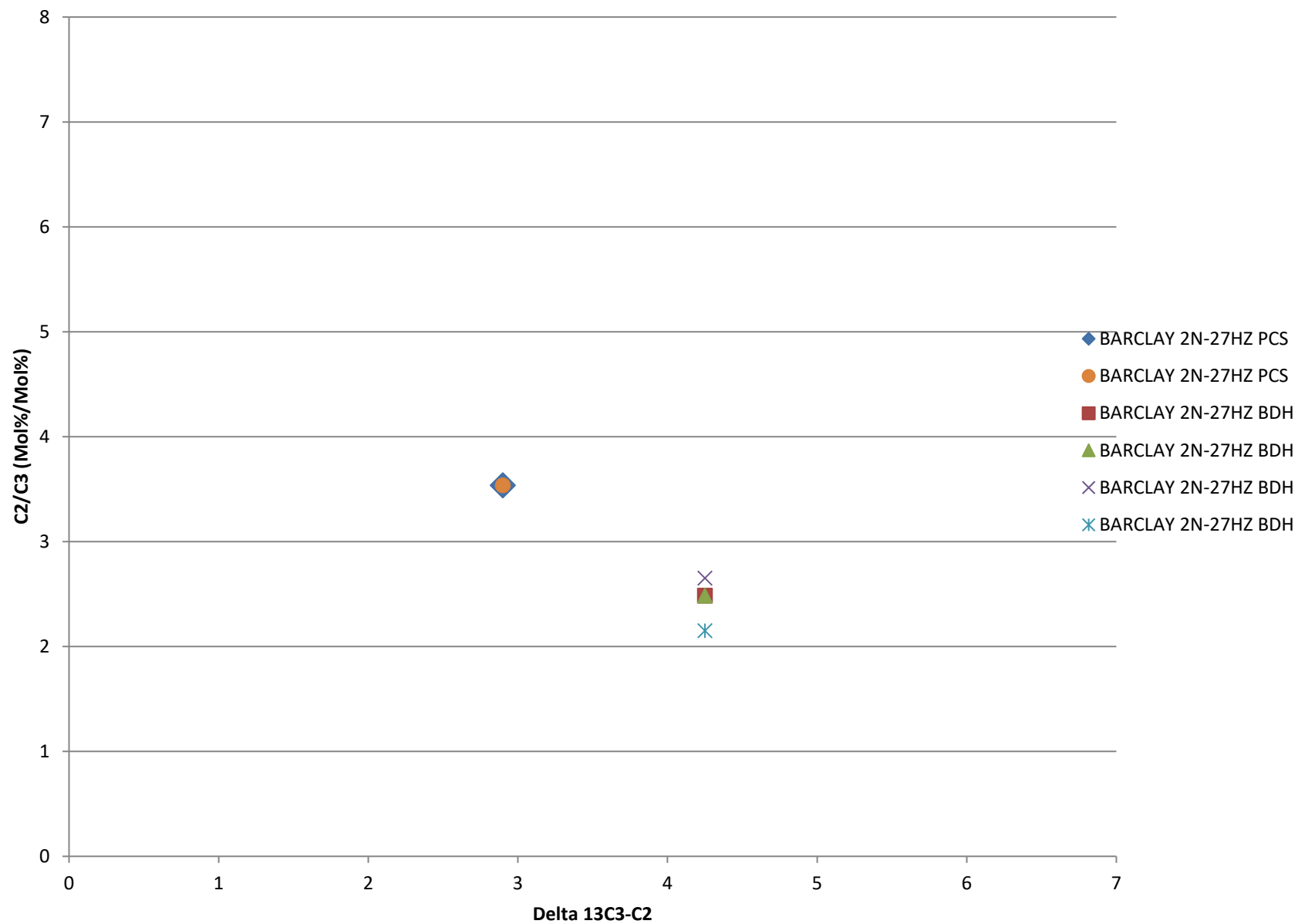


## Bradenhead Test Summary





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





## Delta 13 IC4/ Delta NC4

