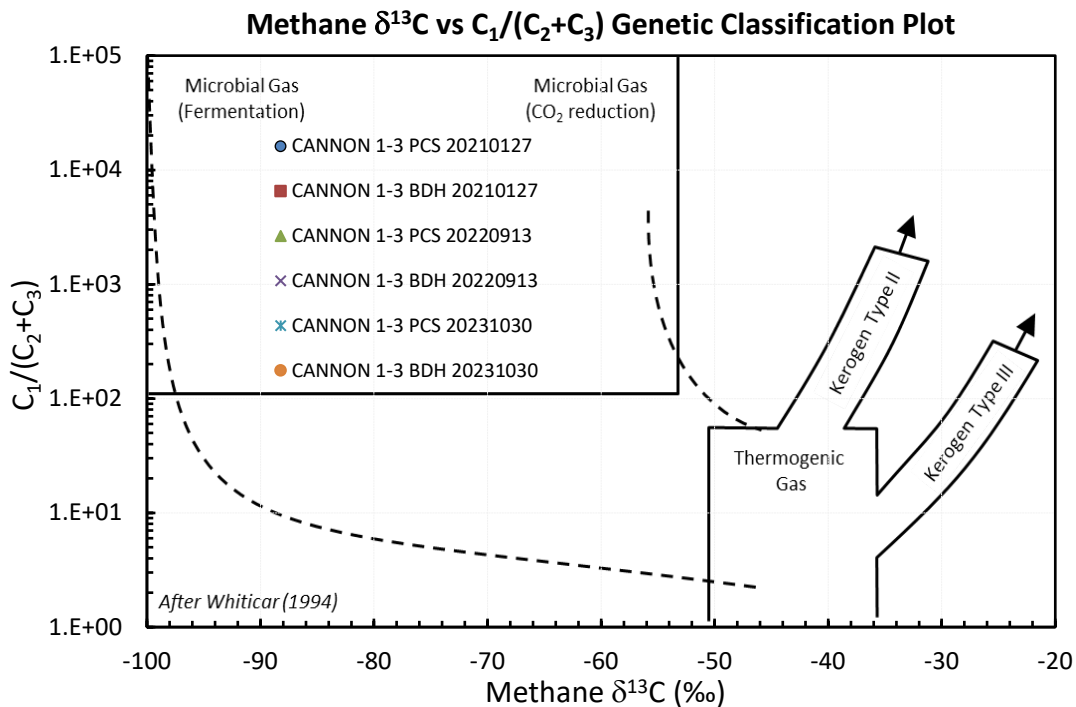
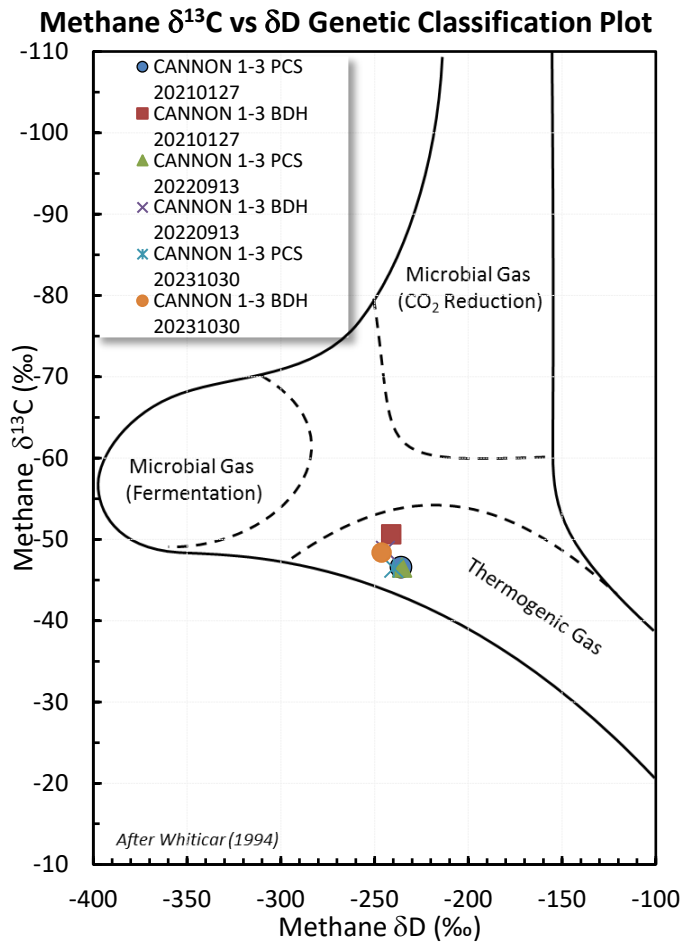
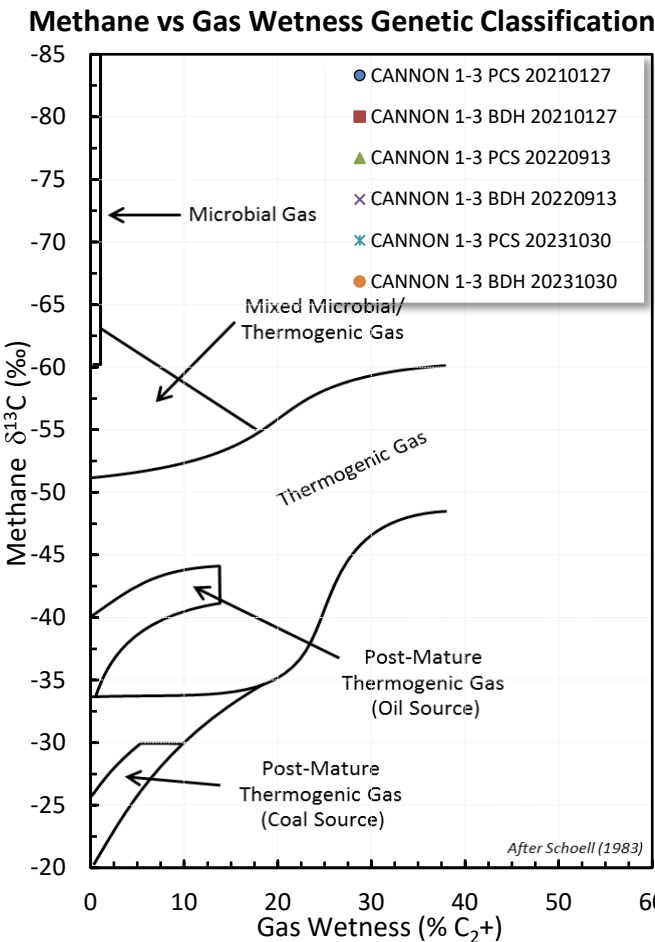
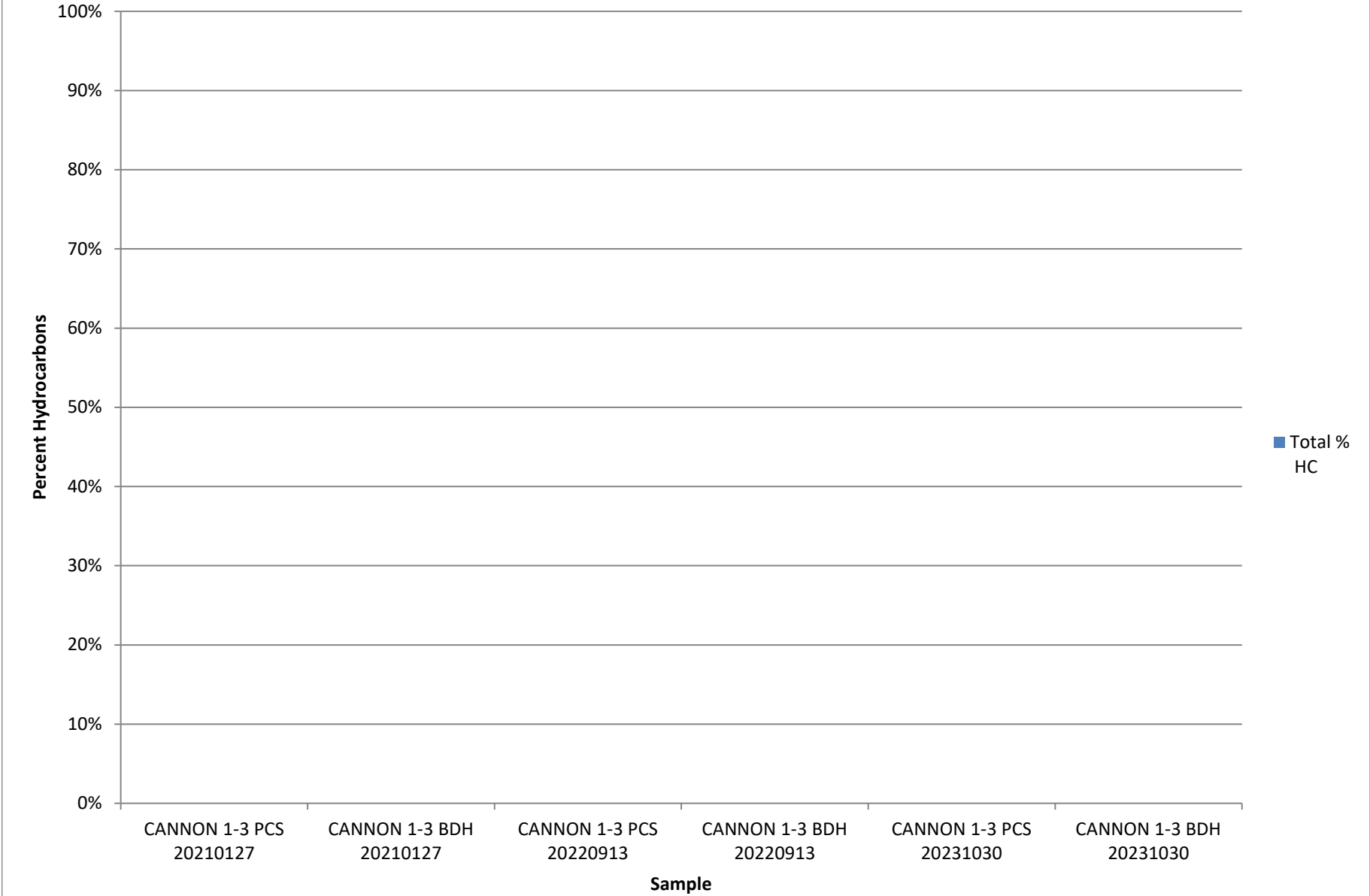


# Stable Isotope Interpretive Plots



Total Percent Hydrocarbons



**GAS COMPOSITION**

GAS COMPOSITION (MOL %)

Parameter

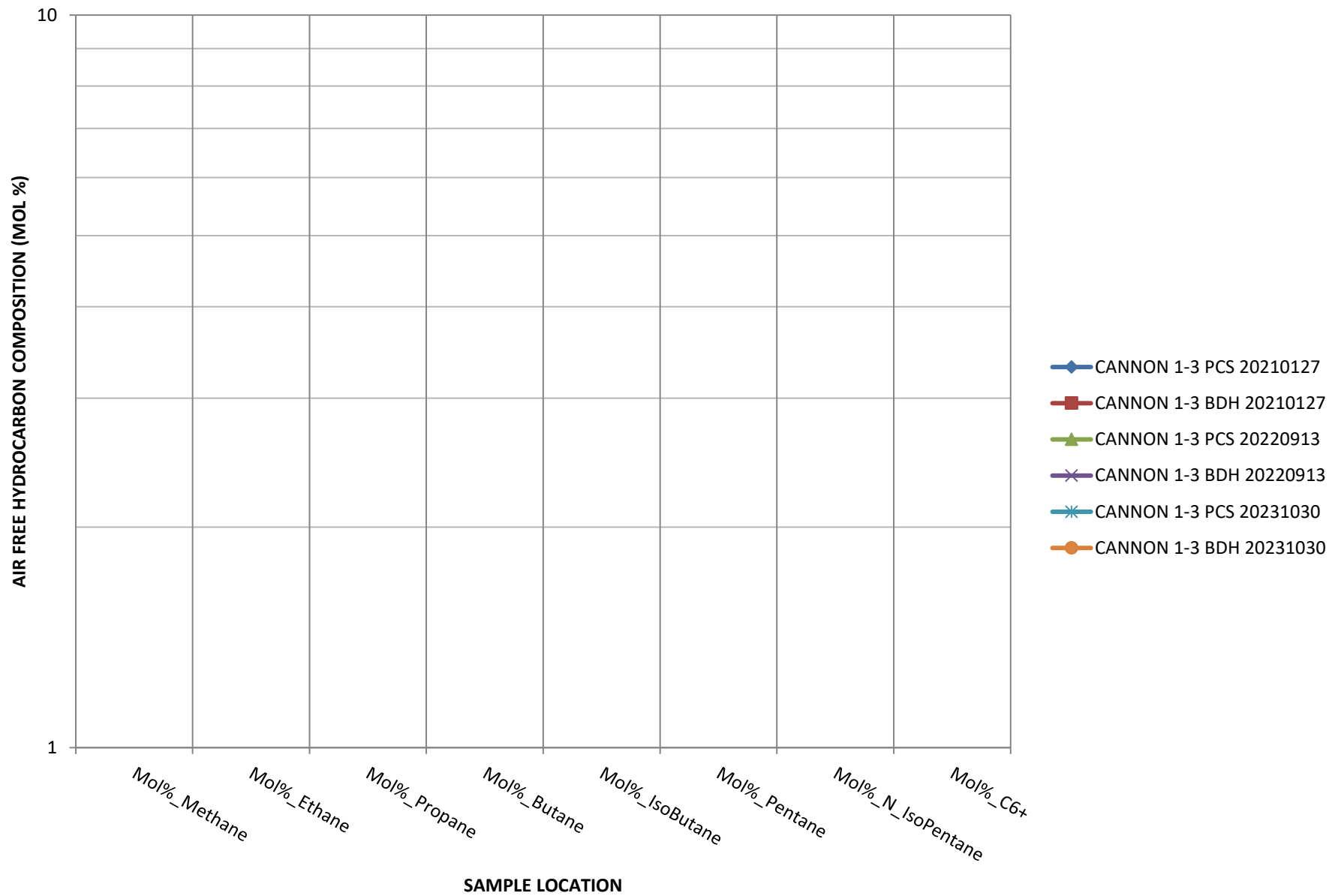
Legend:

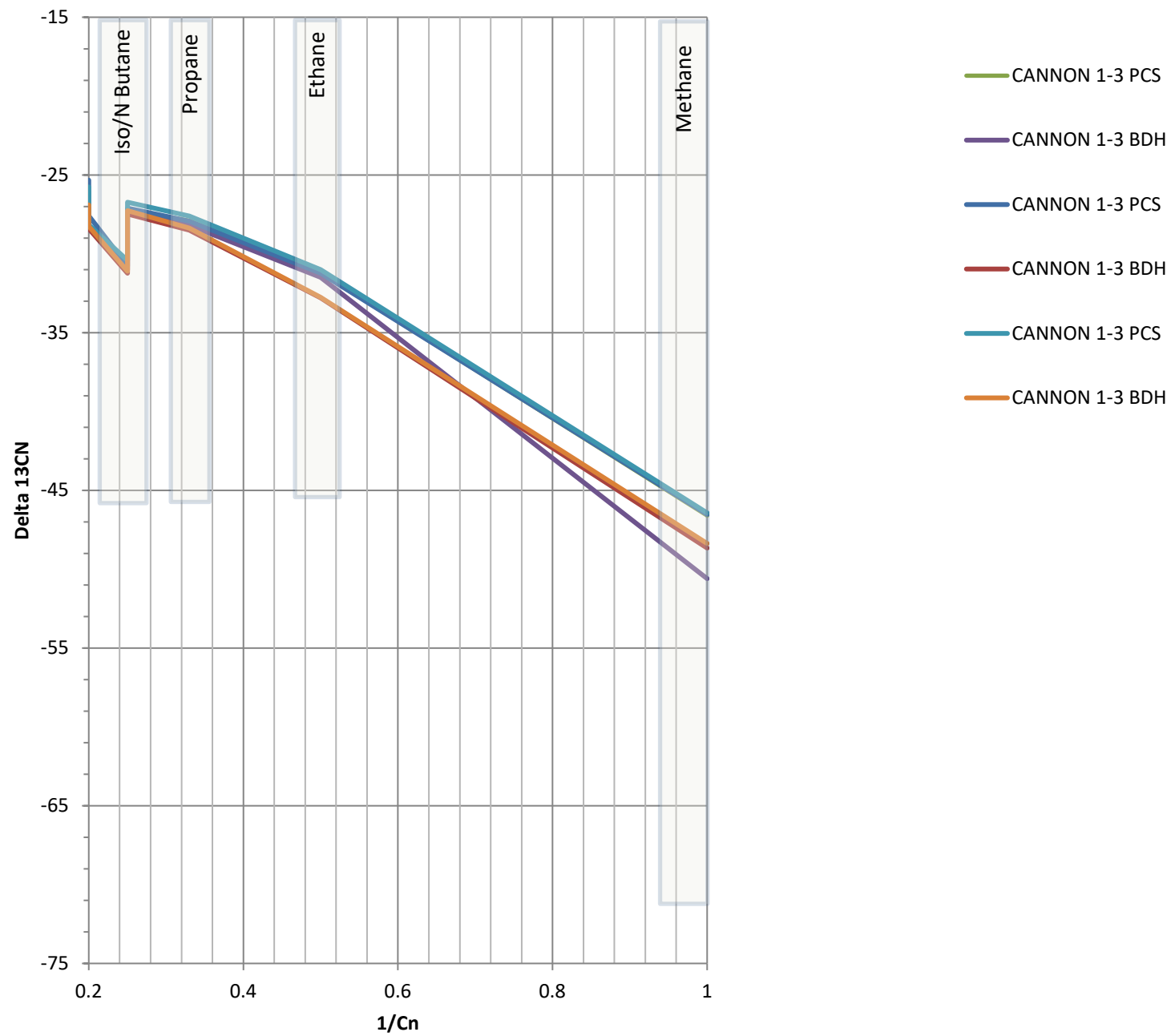
- CANNON 1-3 PCS 20210127
- CANNON 1-3 BDH 20210127
- CANNON 1-3 PCS 20220913
- CANNON 1-3 BDH 20220913
- CANNON 1-3 PCS 20231030
- CANNON 1-3 BDH 20231030

Parameter	CANNON 1-3 PCS 20210127	CANNON 1-3 BDH 20210127	CANNON 1-3 PCS 20220913	CANNON 1-3 BDH 20220913	CANNON 1-3 PCS 20231030	CANNON 1-3 BDH 20231030
Mol%_Nitrogen	0.35	7.5	0.3	0.8	5.0	0.8
Mol%_Oxygen	0.012	0.025	0.012	0.045	0.18	0.04
Mol%_Argon	0.01	0.065	0.01	0.01	0.065	0.01
Mol%_O2+AR	2.2	0.01	2.1	0.01	2.2	0.01
Mol%_CarbonDioxide	0.01	0.01	0.01	0.01	0.01	0.01
Mol%_Helium	0.04	0.012	0.01	0.01	0.08	0.01
Mol%_hydrogen	75	75	75	80	75	80
Mol%_Methane	12	9	13	10	12	10
Mol%_Ethane	4.5	3.2	6.0	4.0	4.5	4.2
Mol%_Propane	0.85	0.95	2.0	0.8	0.75	0.85
Mol%_Butane	0.5	0.5	1.0	0.5	0.5	0.5
Mol%_IsoButane	0.075	0.25	0.18	0.2	0.12	0.12
Mol%_N_Pentane	0.12	0.25	0.45	0.22	0.15	0.18
Mol%_IsoPentane	0.01	0.18	0.01	0.2	0.01	0.01
Mol%_C6+	0.01	0.01	0.01	0.01	0.01	0.065

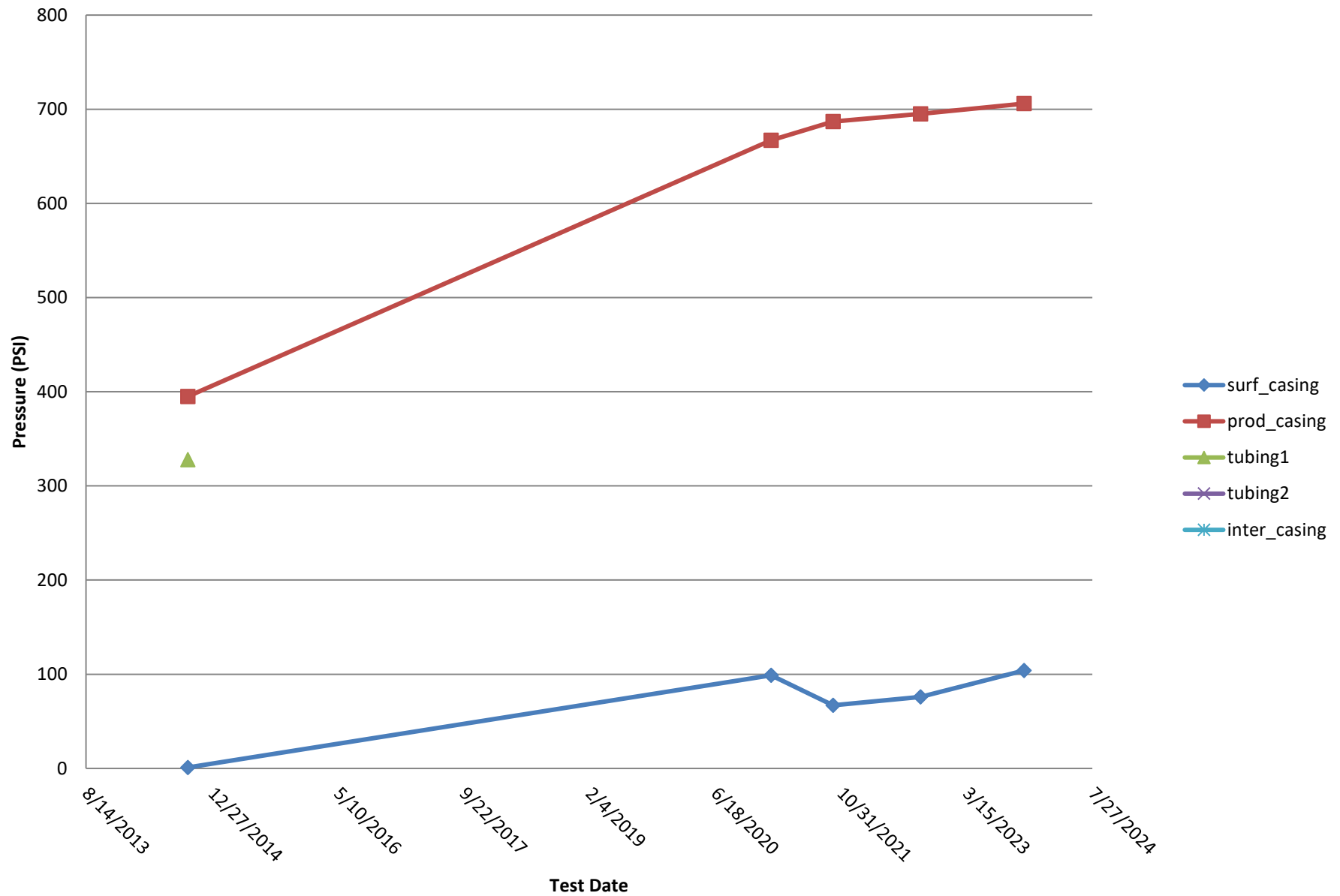
- CANNON 1-3 PCS 20210127
- CANNON 1-3 BDH 20210127
- CANNON 1-3 PCS 20220913
- CANNON 1-3 BDH 20220913
- CANNON 1-3 PCS 20231030
- CANNON 1-3 BDH 20231030

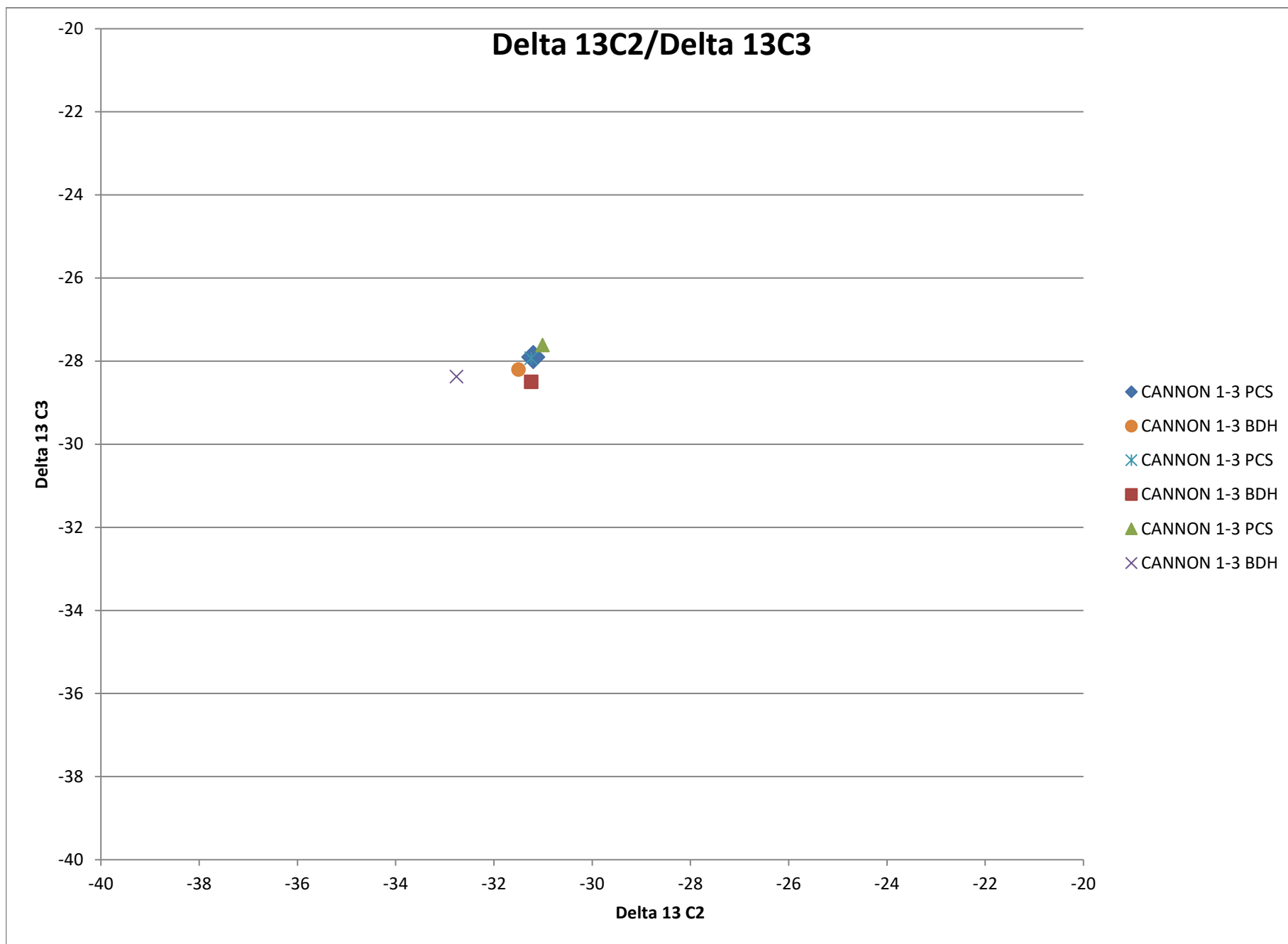
# HYDROCARBON COMPOSITION



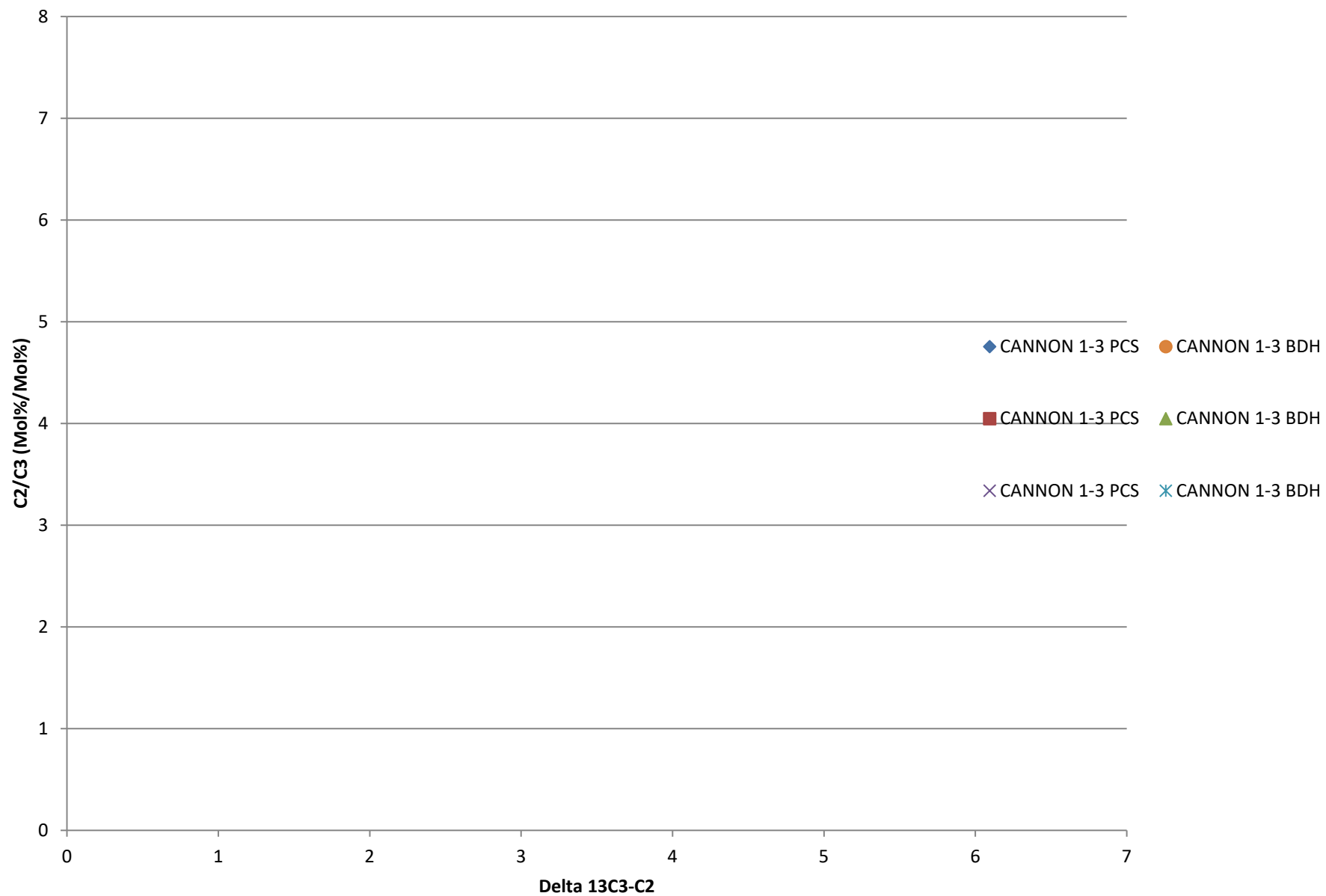


## Bradenhead Test Summary





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





## Delta 13 IC4/ Delta NC4

