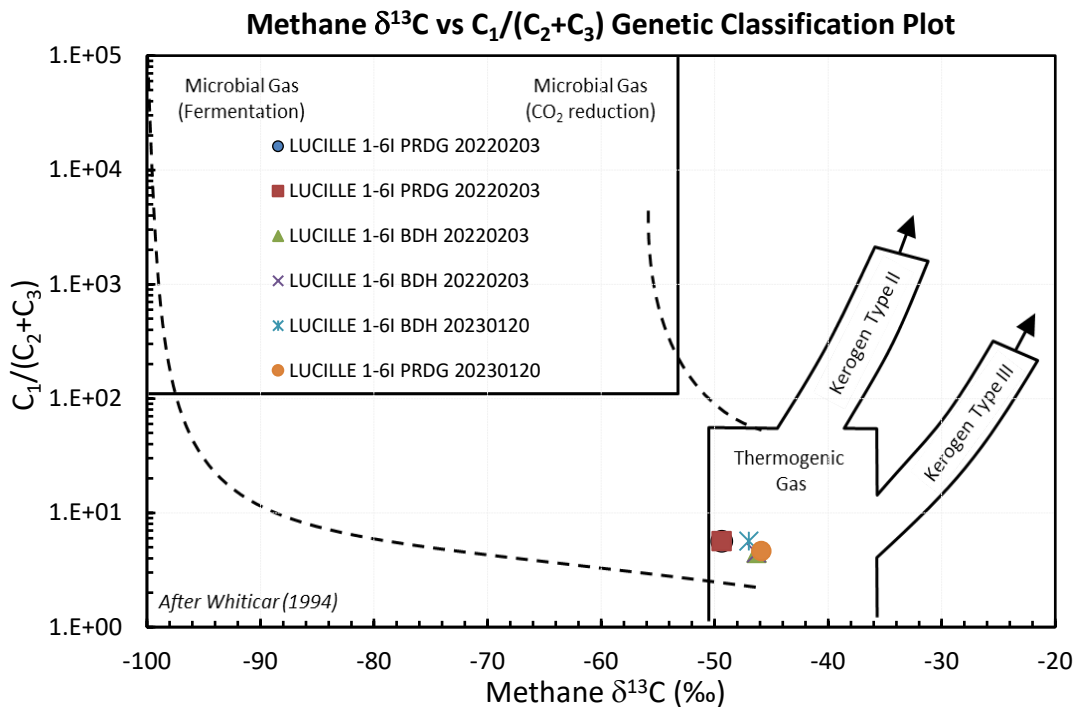
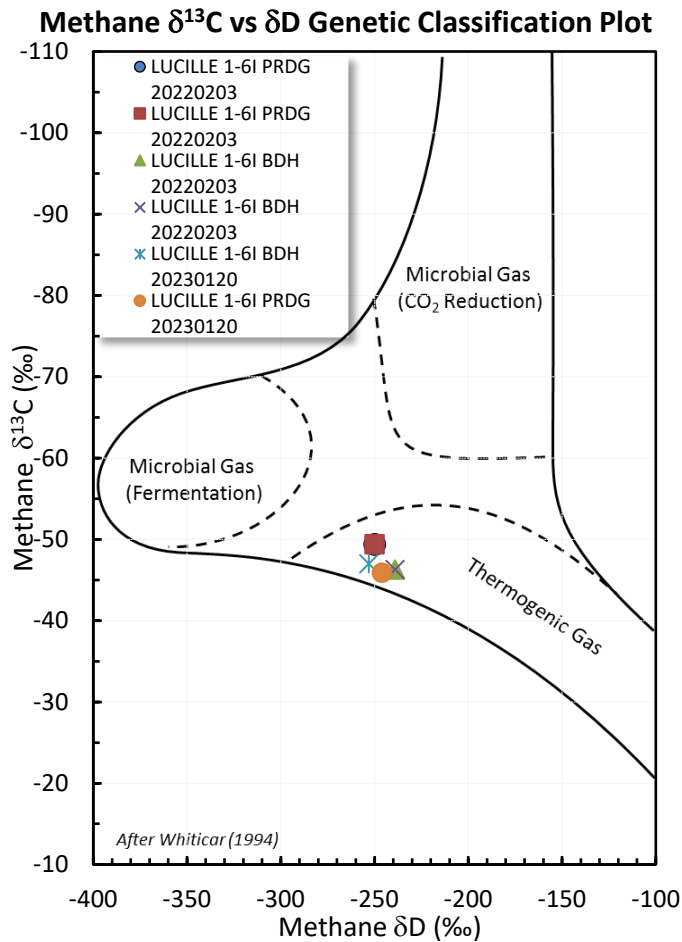
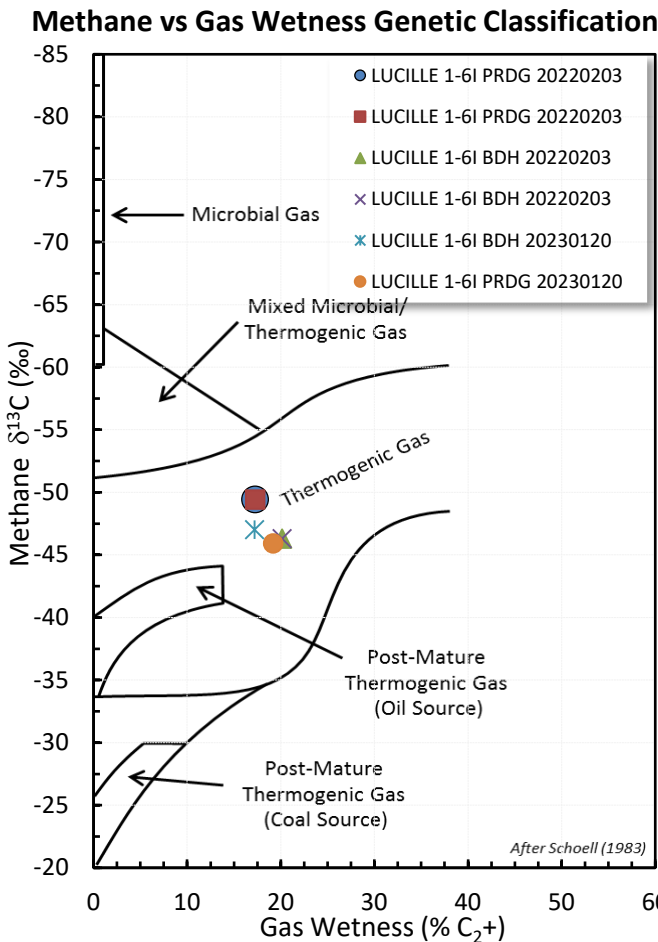
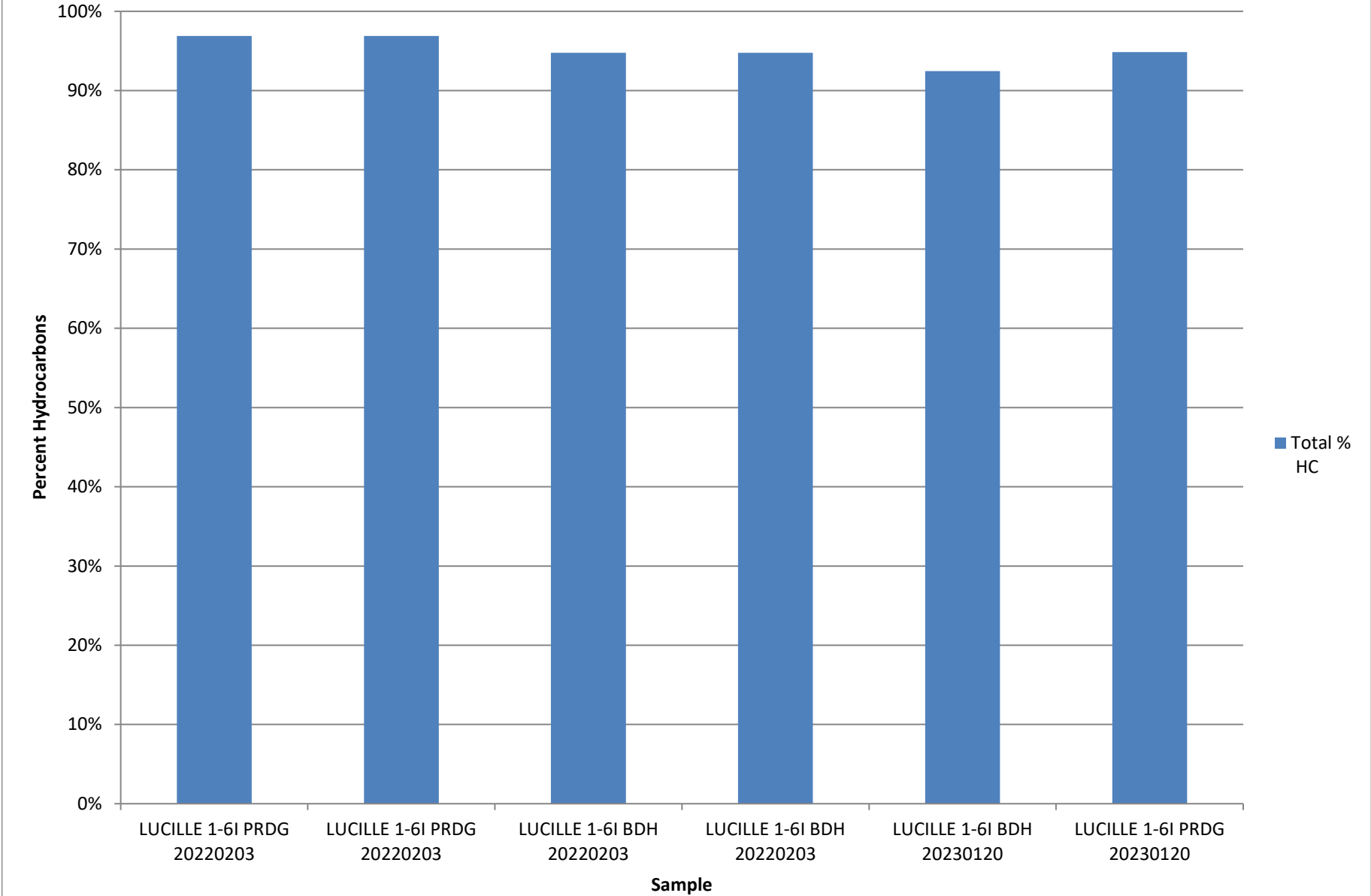


Stable Isotope Interpretive Plots



Total Percent Hydrocarbons



GAS COMPOSITION

GAS COMPOSITION (MOL %)

Parameter

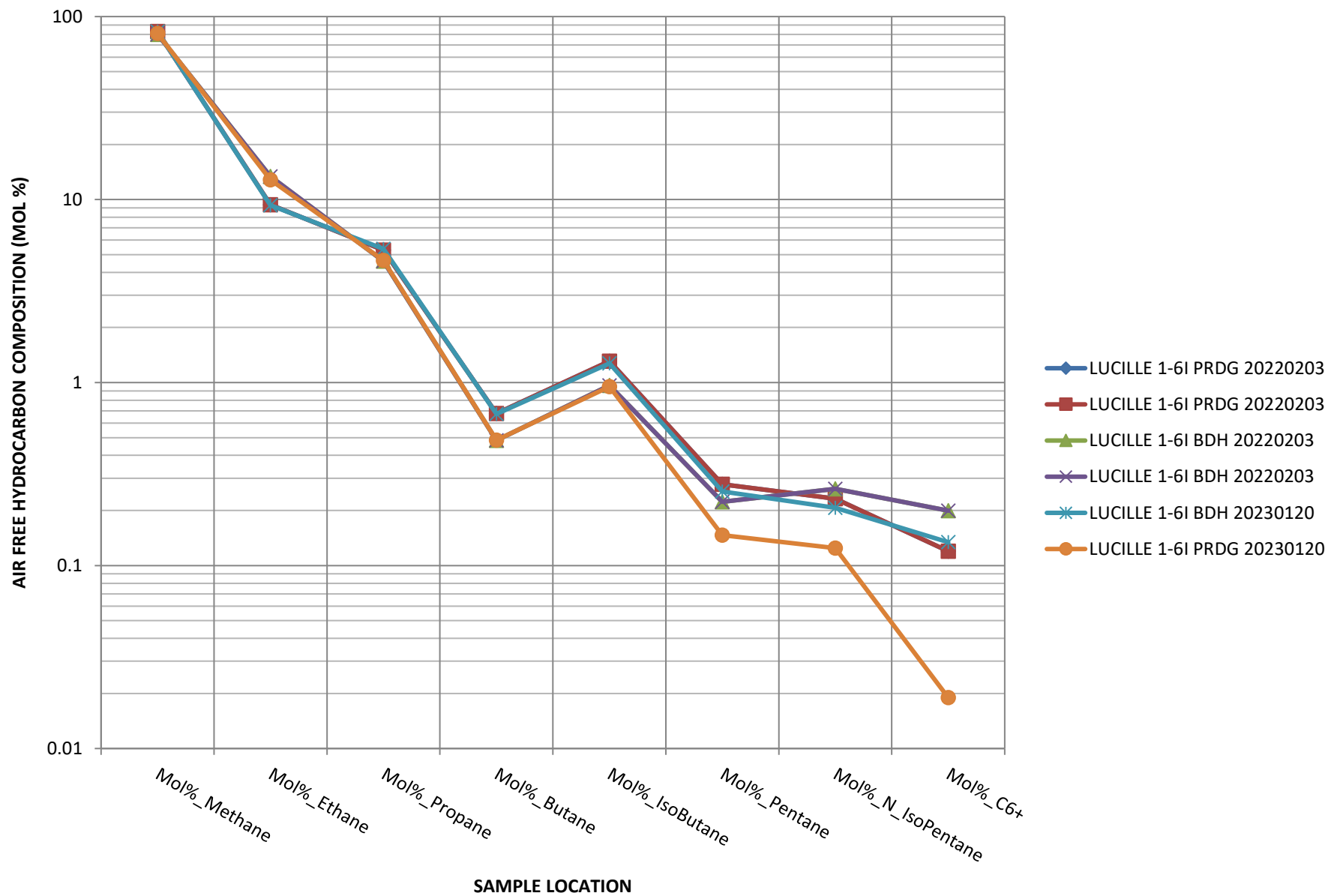
Legend:

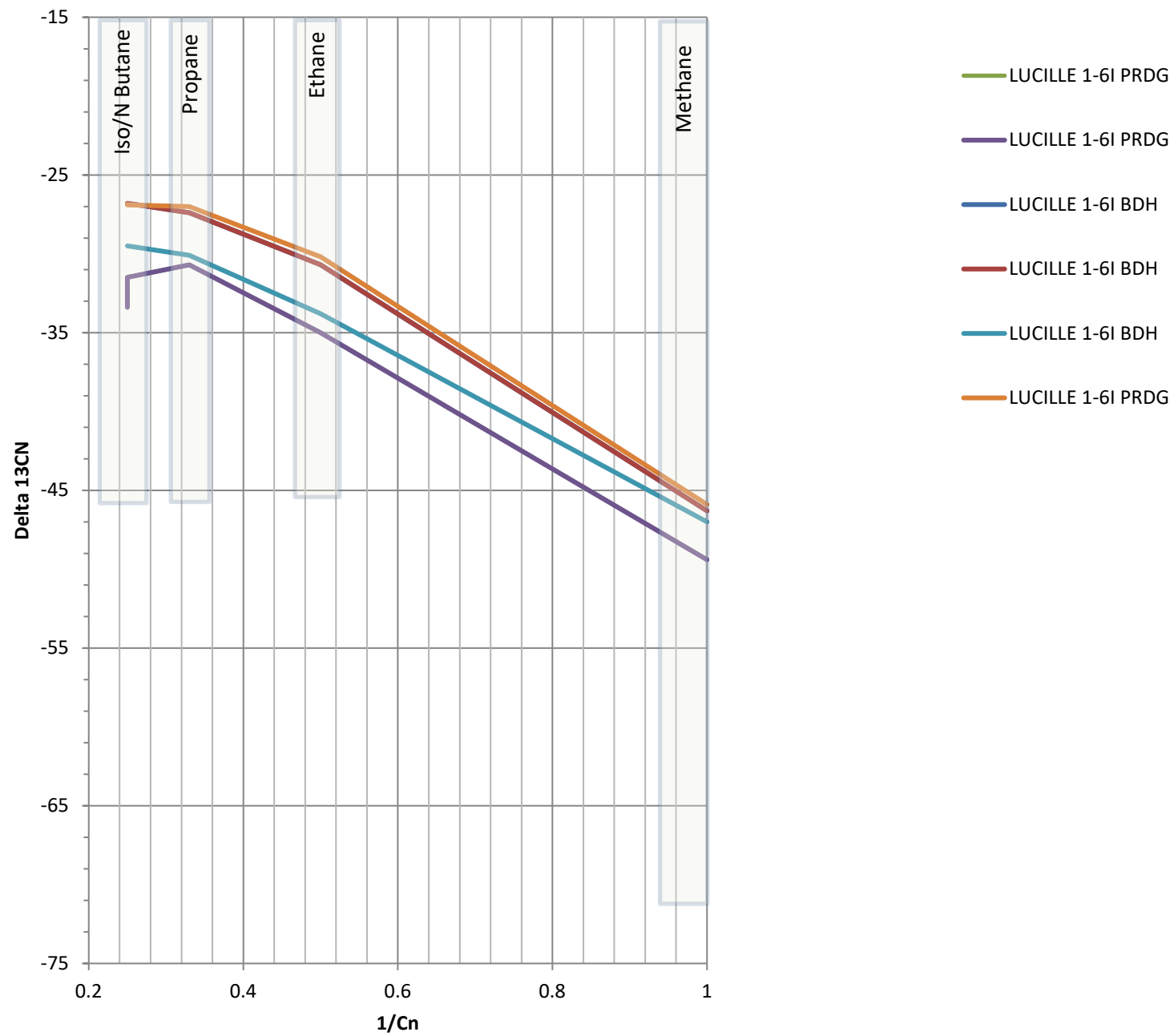
- LUCILLE 1-6I PRDG 20220203
- LUCILLE 1-6I PRDG 20220203
- LUCILLE 1-6I BDH 20220203
- LUCILLE 1-6I BDH 20220203
- LUCILLE 1-6I BDH 20230120
- LUCILLE 1-6I PRDG 20230120

Parameter	LUCILLE 1-6I PRDG 20220203	LUCILLE 1-6I PRDG 20220203	LUCILLE 1-6I BDH 20220203	LUCILLE 1-6I BDH 20220203	LUCILLE 1-6I BDH 20230120	LUCILLE 1-6I PRDG 20230120
Mol% Nitrogen	2.5	2.5	2.2	2.2	6.0	2.5
Mol% Oxygen						
Mol% Argon	0.45	0.45	0.5	0.5	1.3	0.5
Mol% O2+AR			2.8	2.8		2.5
Mol% CarbonDioxide						
Mol% Helium	0.15	0.15			0.2	
Mol% hydrogen	75	75	70	70	70	70
Mol% Methane	9.0	8.5	12	12	8.5	12
Mol% Ethane	5.0	5.0	4.5	4.5	5.0	4.5
Mol% Propane	0.65	0.65	0.45	0.45	0.6	0.45
Mol% Butane	1.3	1.3	0.9	0.9	1.2	0.9
Mol% IsoButane	0.28	0.28	0.22	0.22	0.25	0.15
Mol% N_Pentane	0.25	0.25	0.25	0.25	0.2	0.12
Mol% IsoPentane	0.12	0.12	0.2	0.2	0.13	0.02
Mol% C6+						

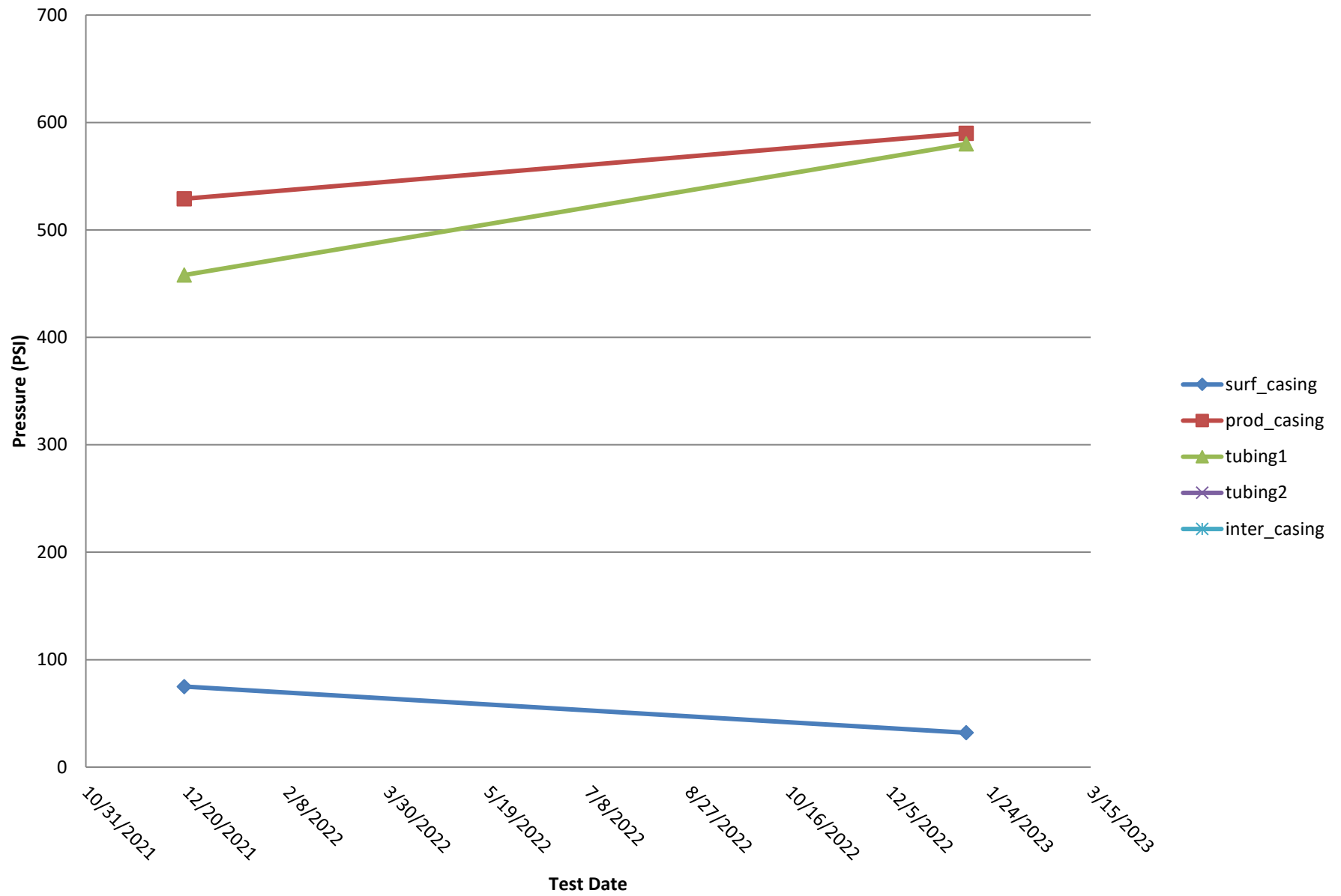
- LUCILLE 1-6I PRDG 20220203
- LUCILLE 1-6I PRDG 20220203
- LUCILLE 1-6I BDH 20220203
- LUCILLE 1-6I BDH 20220203
- LUCILLE 1-6I BDH 20230120
- LUCILLE 1-6I PRDG 20230120

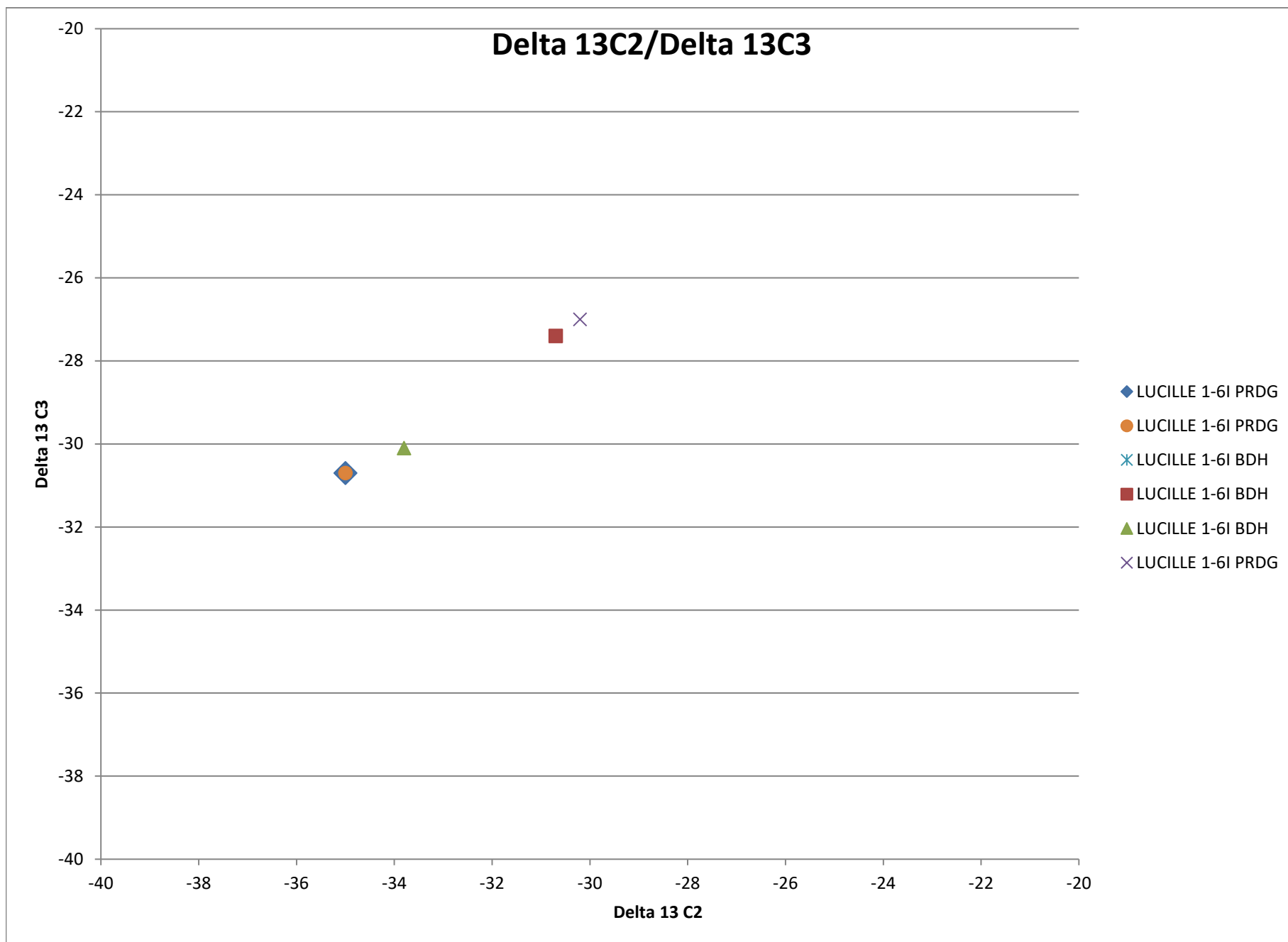
HYDROCARBON COMPOSITION



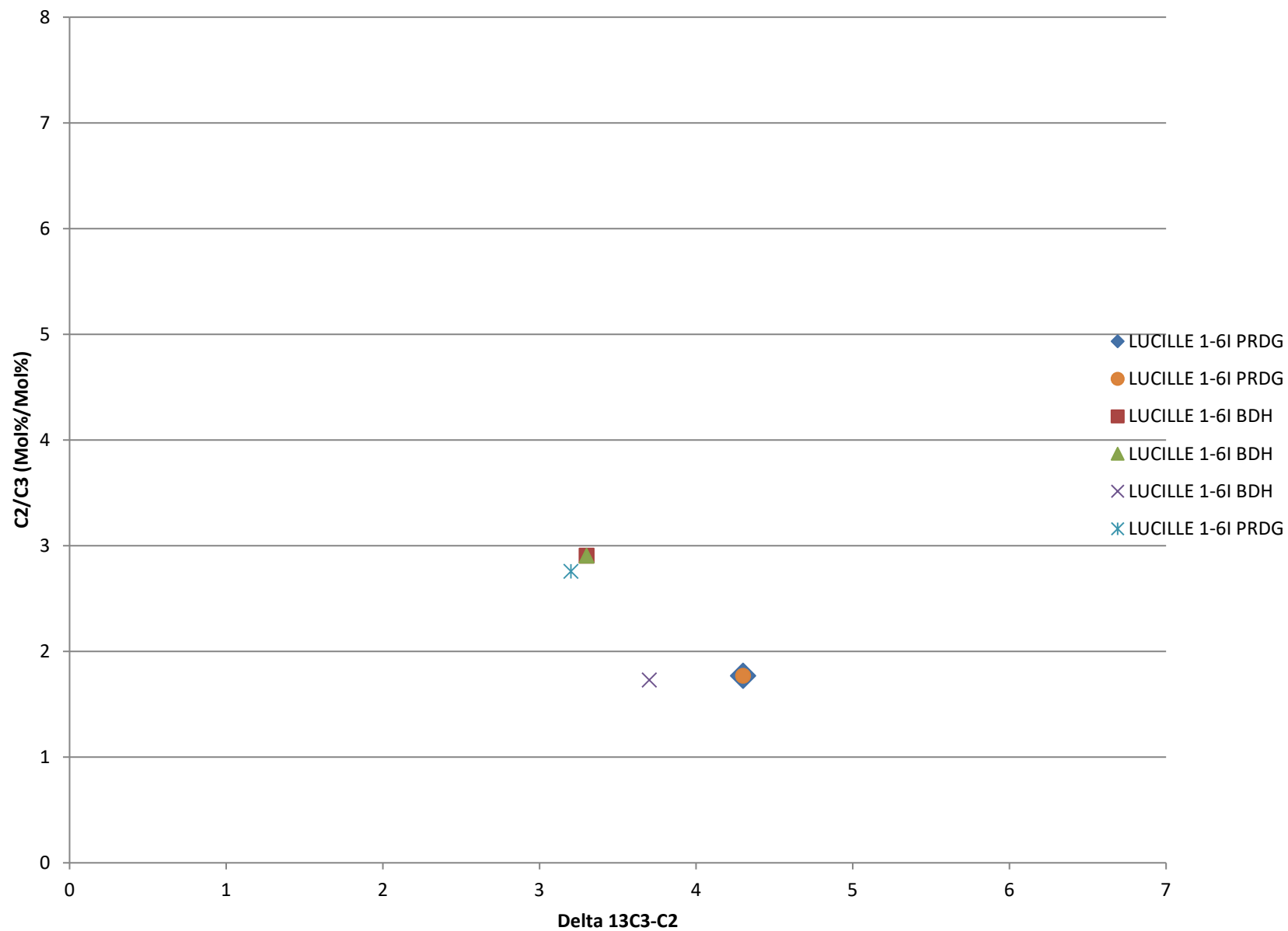


Bradenhead Test Summary





Delta13 C2/C3 vs. Delta 13C3-C2



Delta 13 IC4/ Delta NC4

