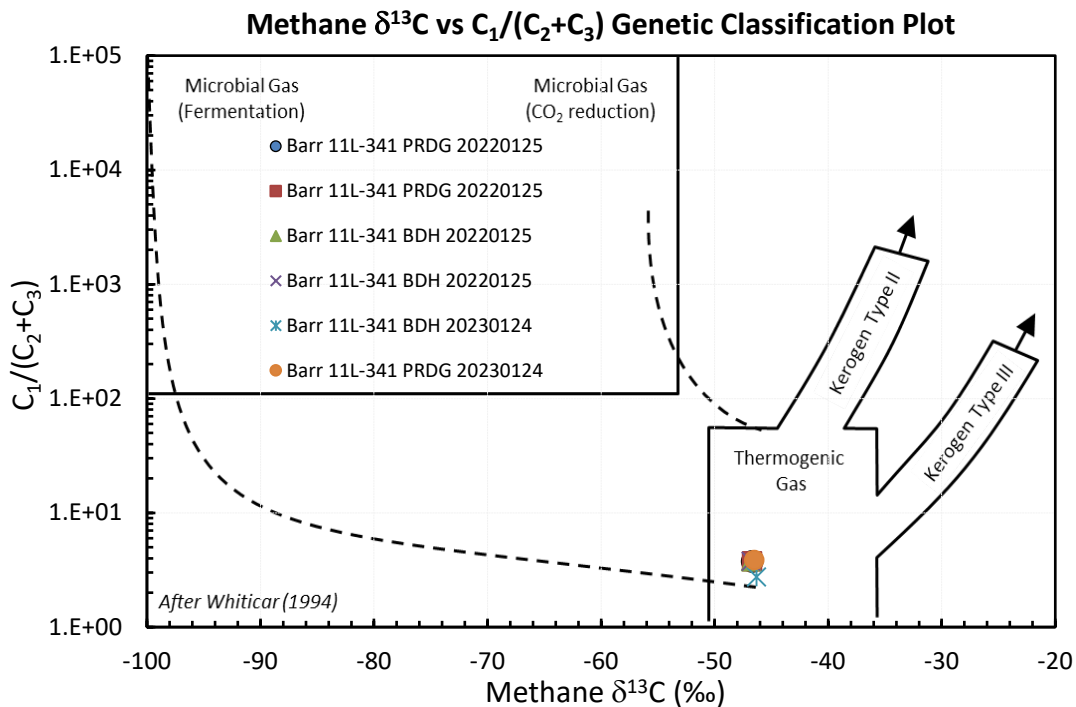
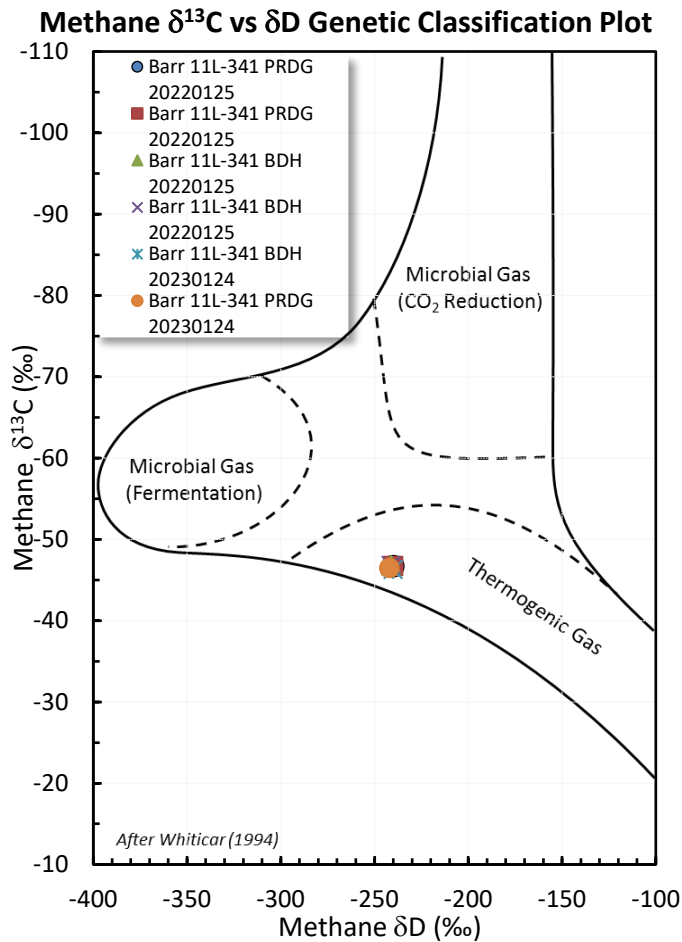
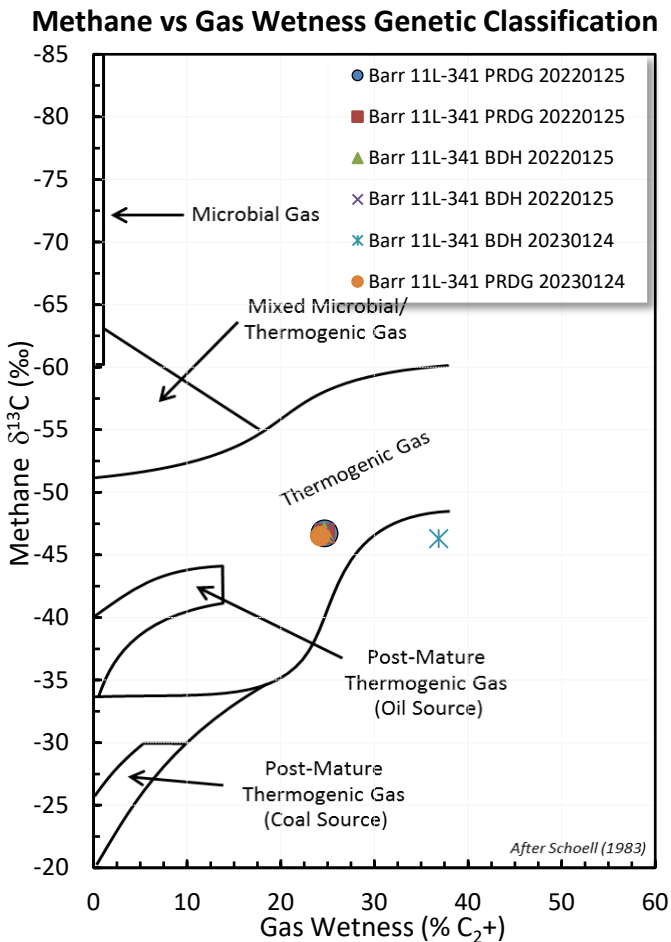
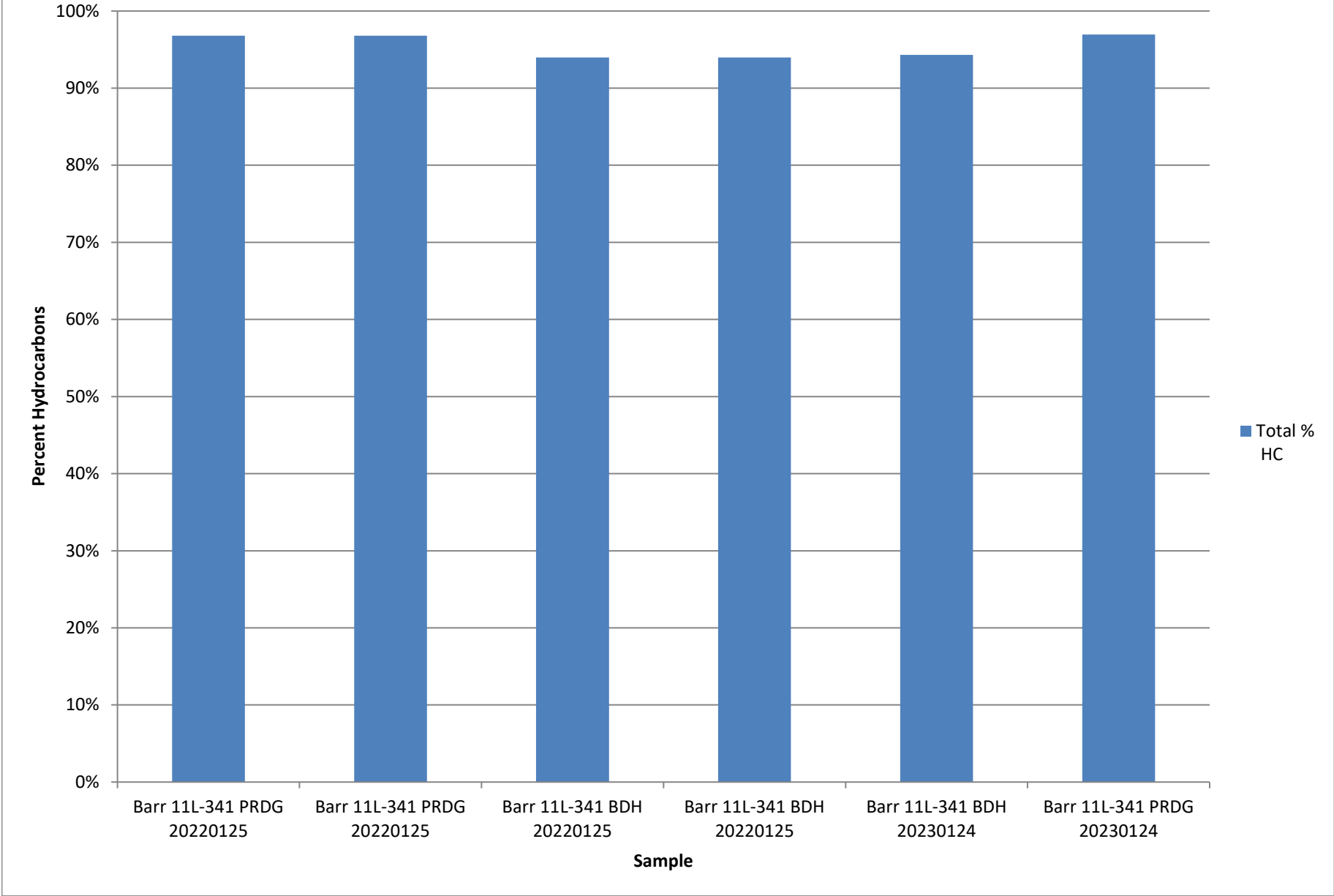


Stable Isotope Interpretive Plots



Total Percent Hydrocarbons



GAS COMPOSITION

GAS COMPOSITION (MOL %)

Parameter

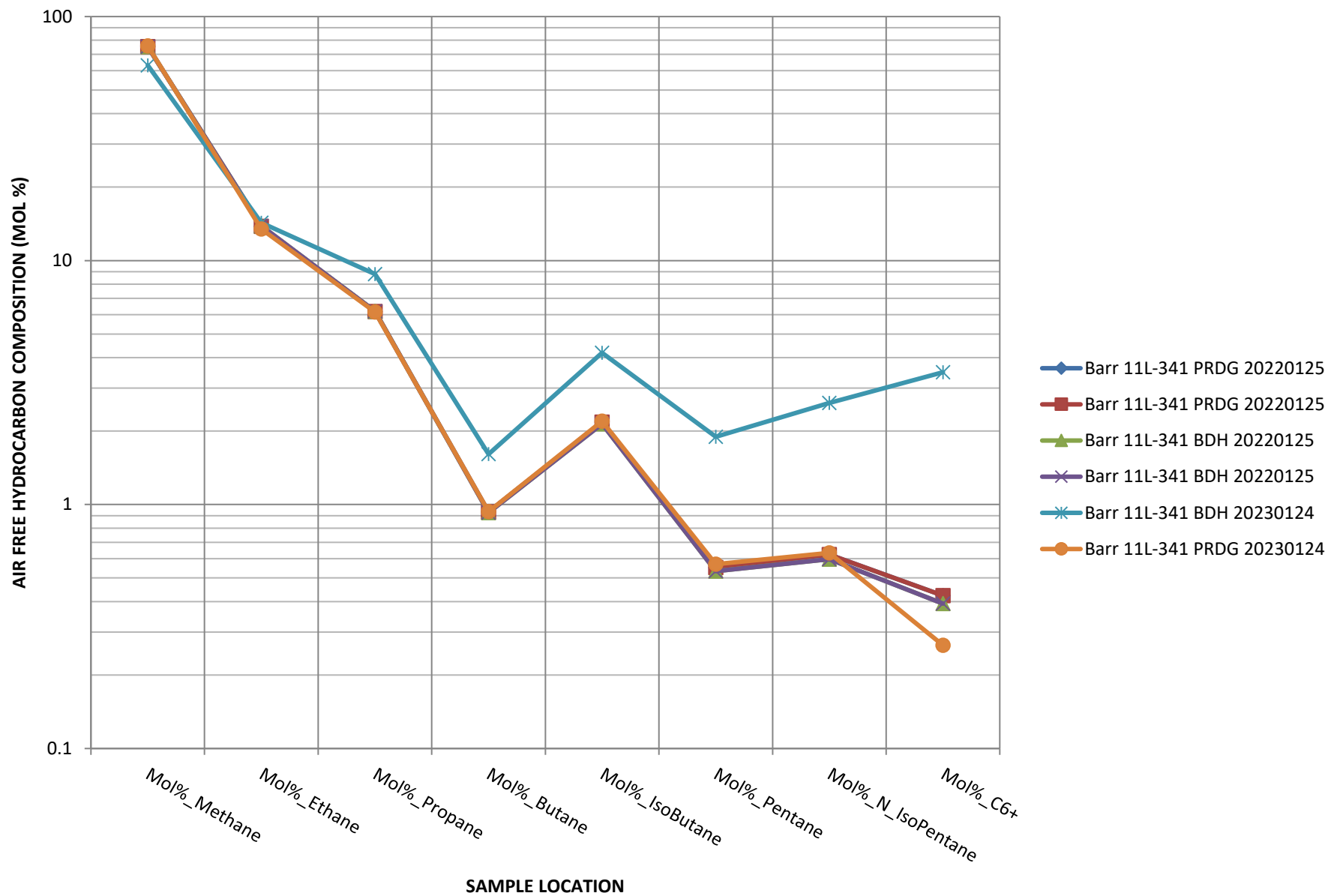
Legend:

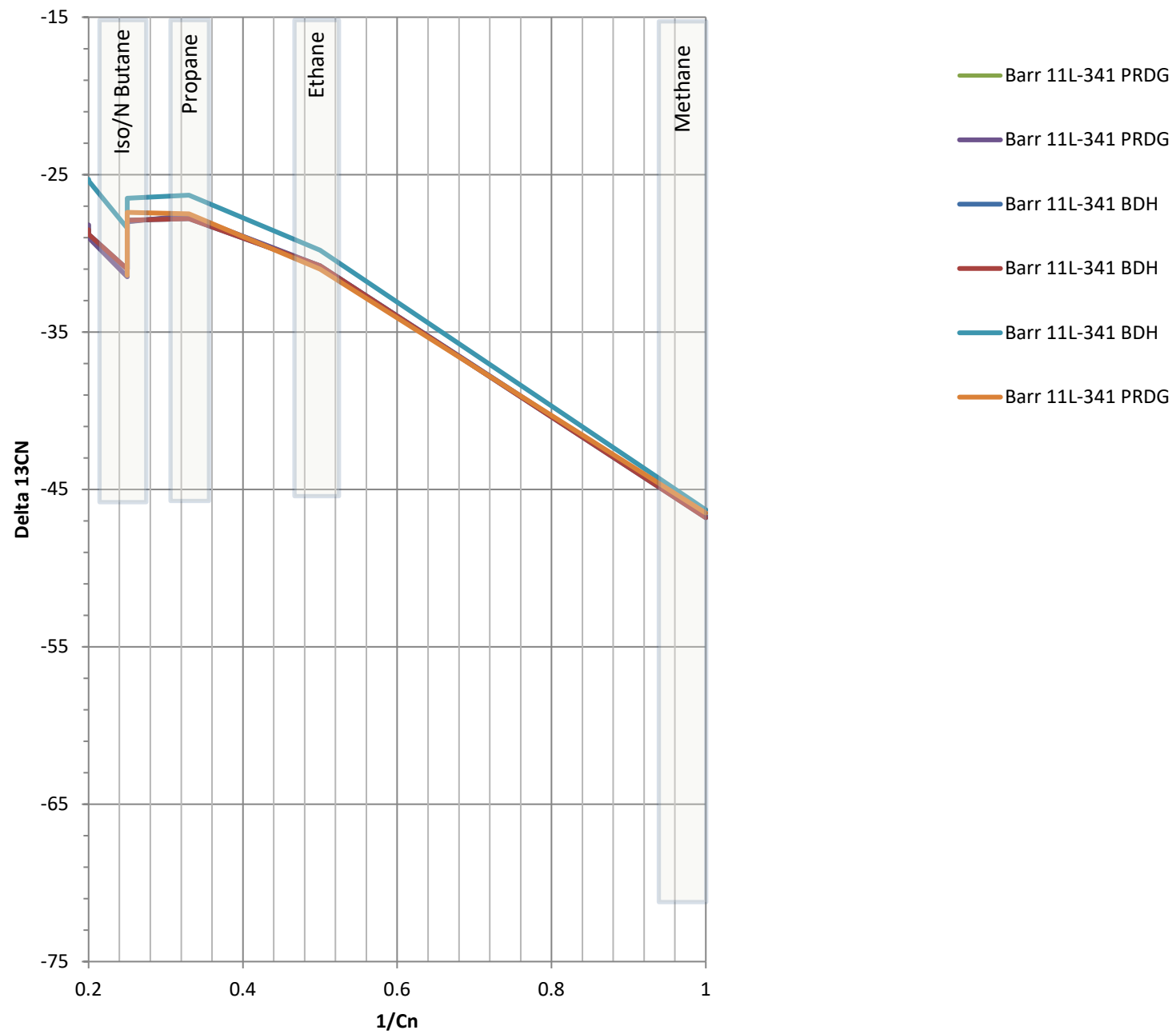
- Barr 11L-341 PRDG 20220125
- Barr 11L-341 PRDG 20220125
- Barr 11L-341 BDH 20220125
- Barr 11L-341 BDH 20220125
- Barr 11L-341 BDH 20230124
- Barr 11L-341 PRDG 20230124

Parameter	Barr 11L-341 PRDG 20220125	Barr 11L-341 PRDG 20220125	Barr 11L-341 BDH 20220125	Barr 11L-341 BDH 20220125	Barr 11L-341 BDH 20230124	Barr 11L-341 PRDG 20230124
Mol% Nitrogen	0.45	0.45	3.0	3.0	3.0	0.5
Mol% Oxygen						
Mol% Argon	0.06	0.06	0.7	0.7	0.6	0.03
Mol% O2+AR	2.8	2.8	2.5	2.5	2.2	2.5
Mol% CarbonDioxide						
Mol% Helium						
Mol% hydrogen	70	70	70	70	60	70
Mol% Methane	13	13	13	13	13	13
Mol% Ethane	6	6	6	6	8	6
Mol% Propane	0.9	0.9	0.9	0.9	1.5	0.9
Mol% Butane	2.2	2.2	2.2	2.2	4.0	2.2
Mol% IsoButane	0.5	0.5	0.5	0.5	1.8	0.5
Mol% N_Pentane	0.55	0.55	0.55	0.55	2.5	0.6
Mol% C6+	0.4	0.35			3.2	0.25

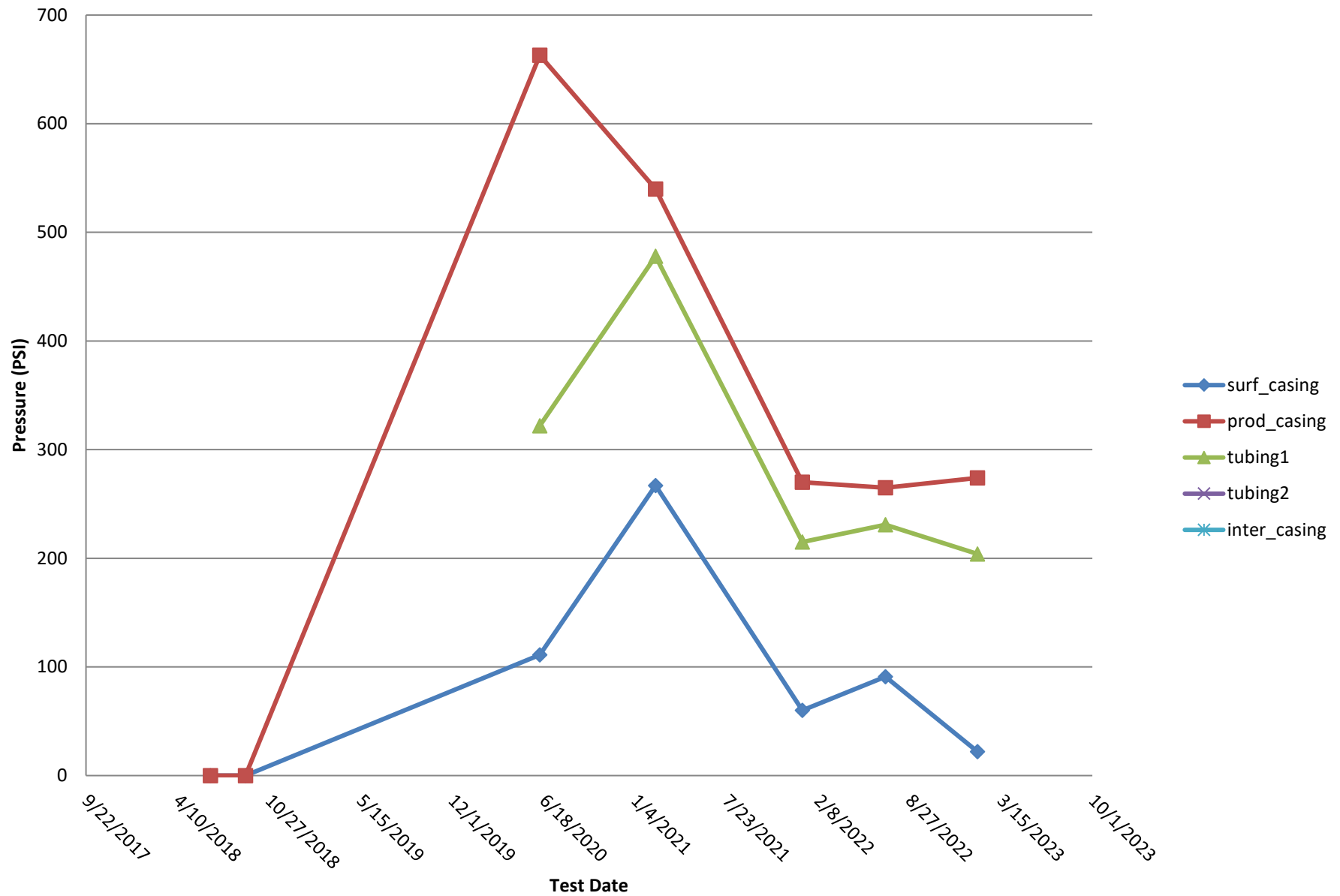
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- Barr 11L-341 PRDG 20220125
- Barr 11L-341 BDH 20220125
- Barr 11L-341 BDH 20220125
- Barr 11L-341 BDH 20230124
- Barr 11L-341 PRDG 20230124

HYDROCARBON COMPOSITION

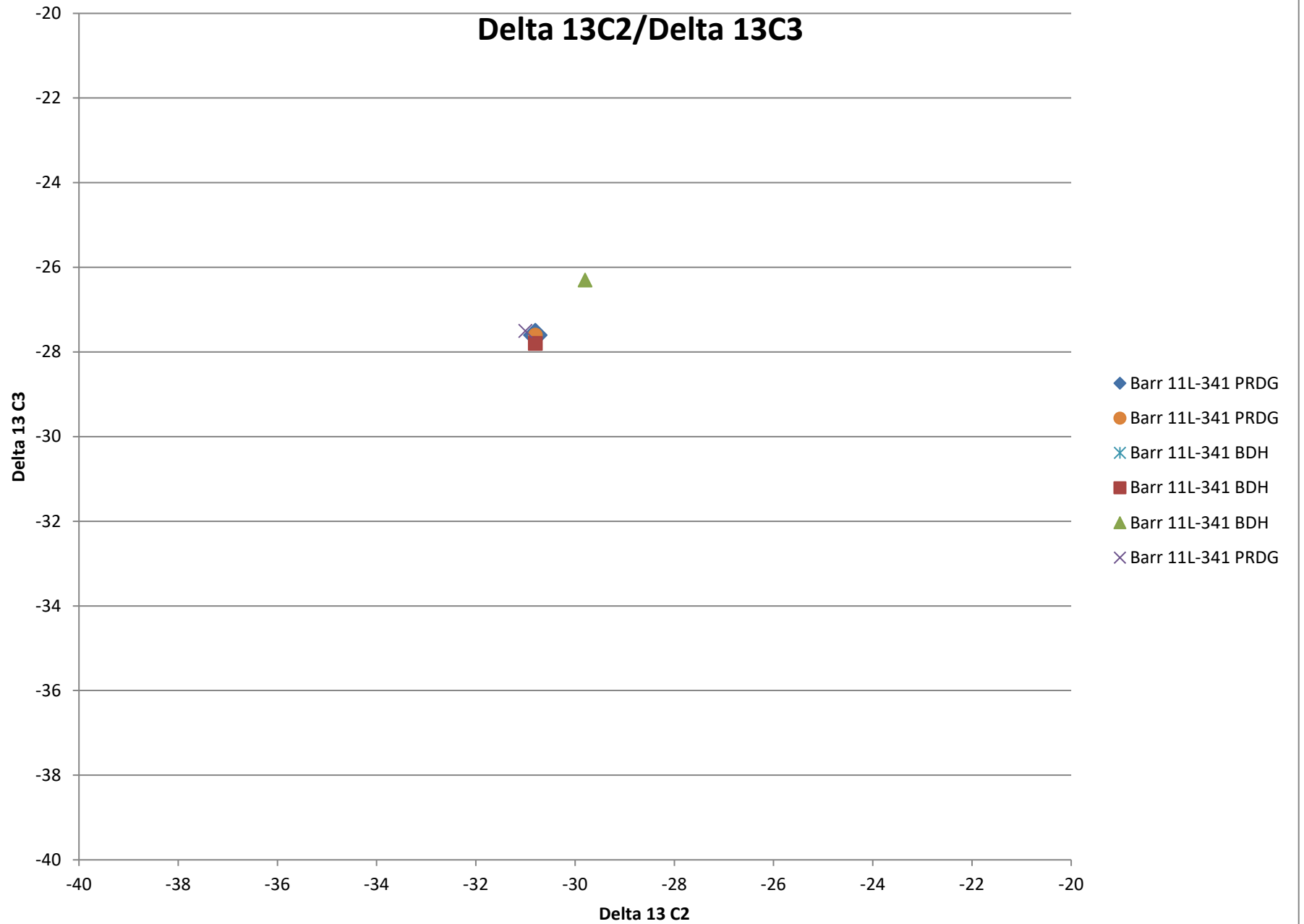




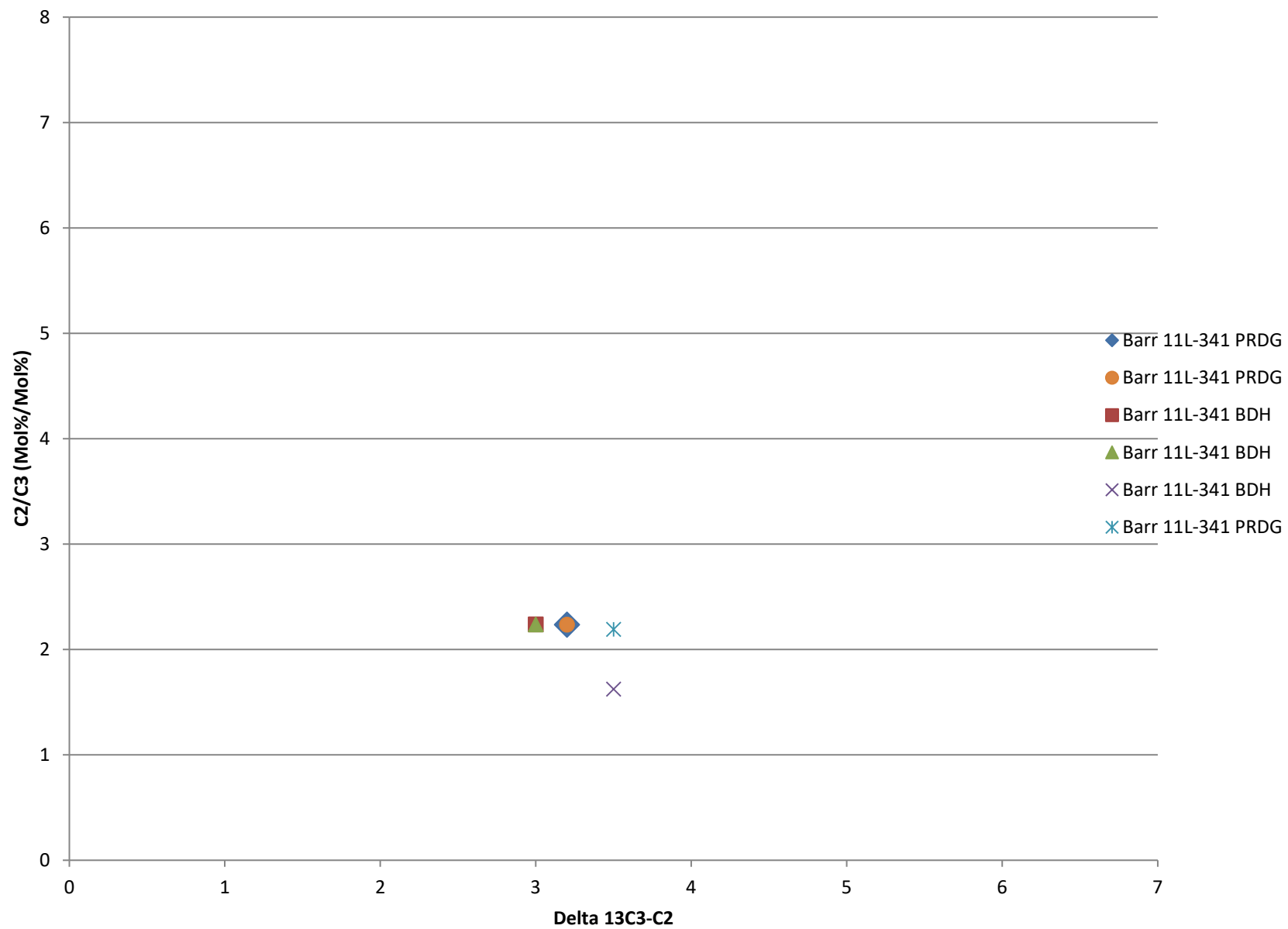
Bradenhead Test Summary



Delta 13C2/Delta 13C3



Delta13 C2/C3 vs. Delta 13C3-C2



Delta 13 IC4/ Delta NC4

