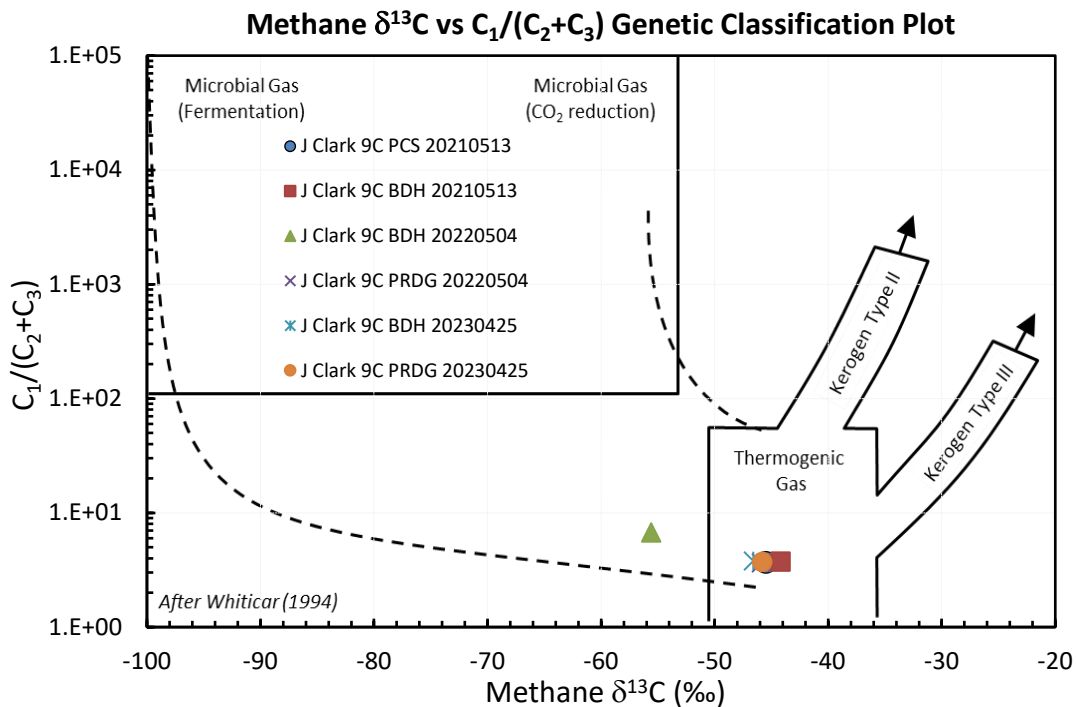
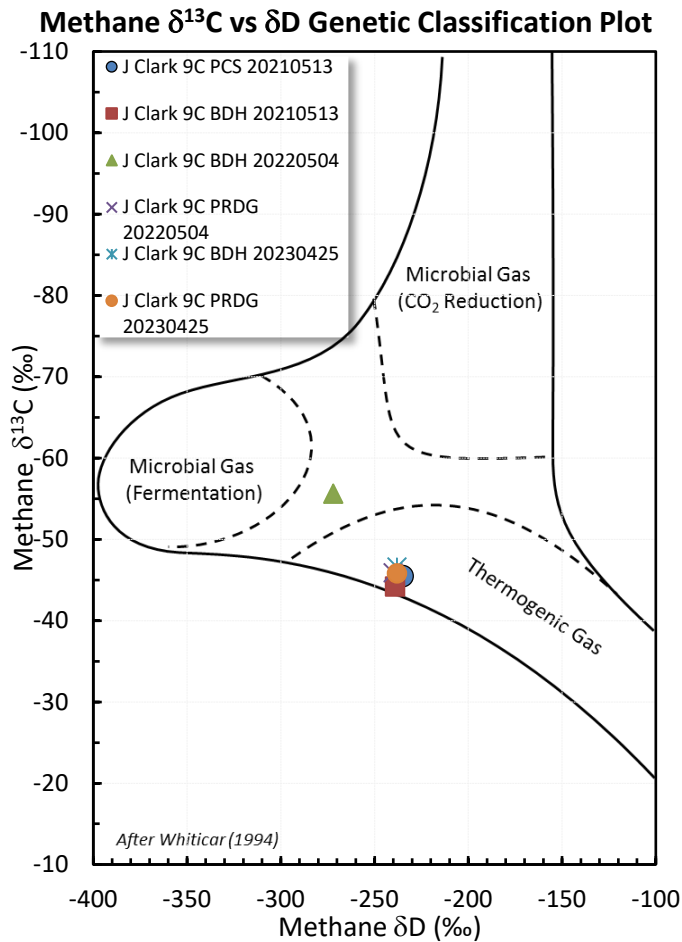
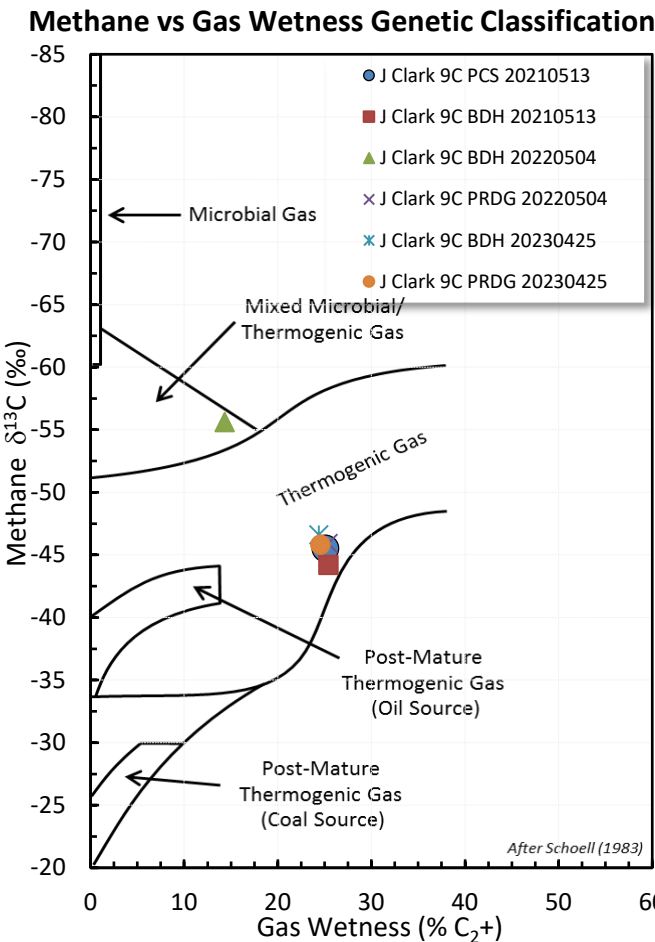
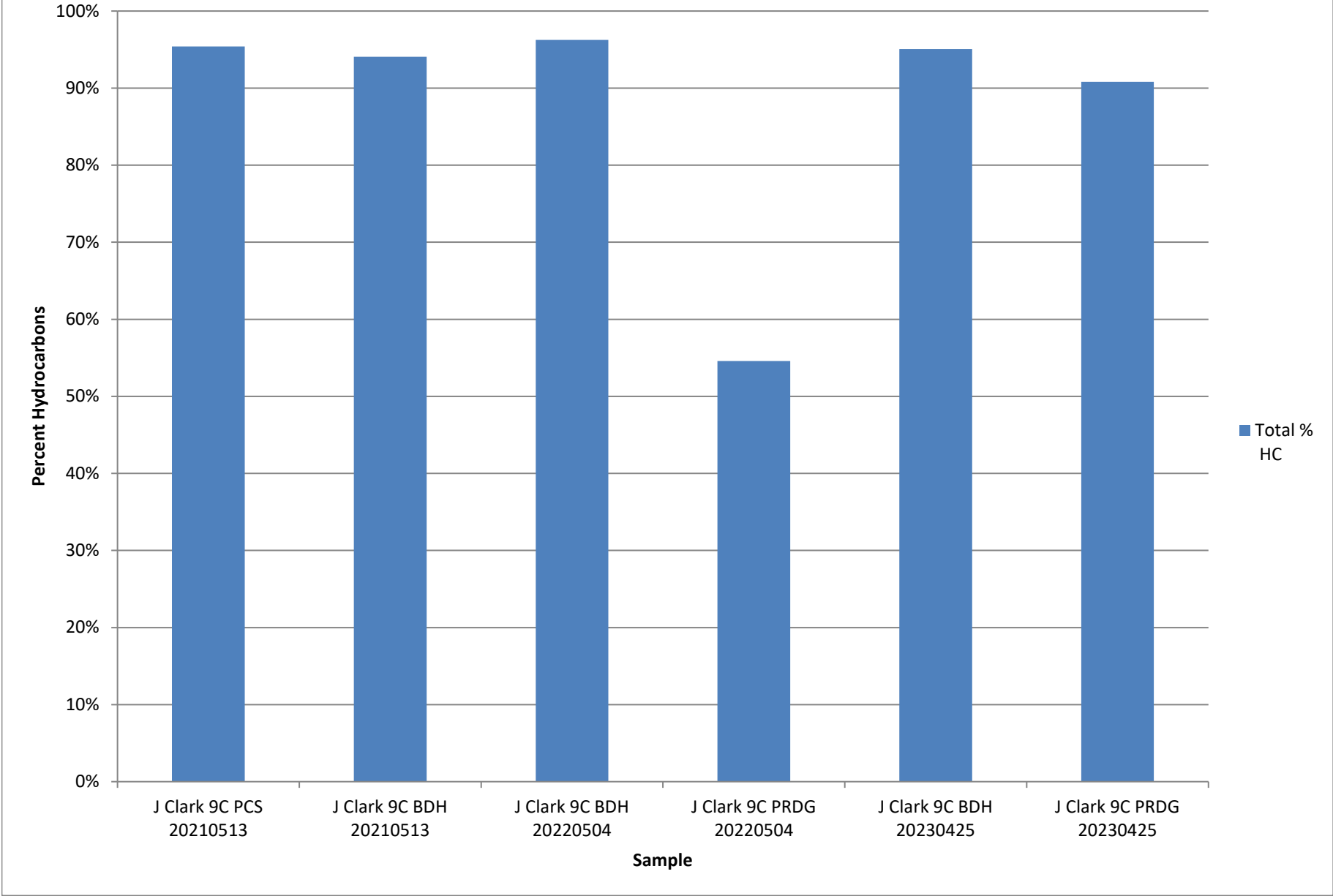


Stable Isotope Interpretive Plots



Total Percent Hydrocarbons



GAS COMPOSITION

GAS COMPOSITION (MOL %)

Parameter

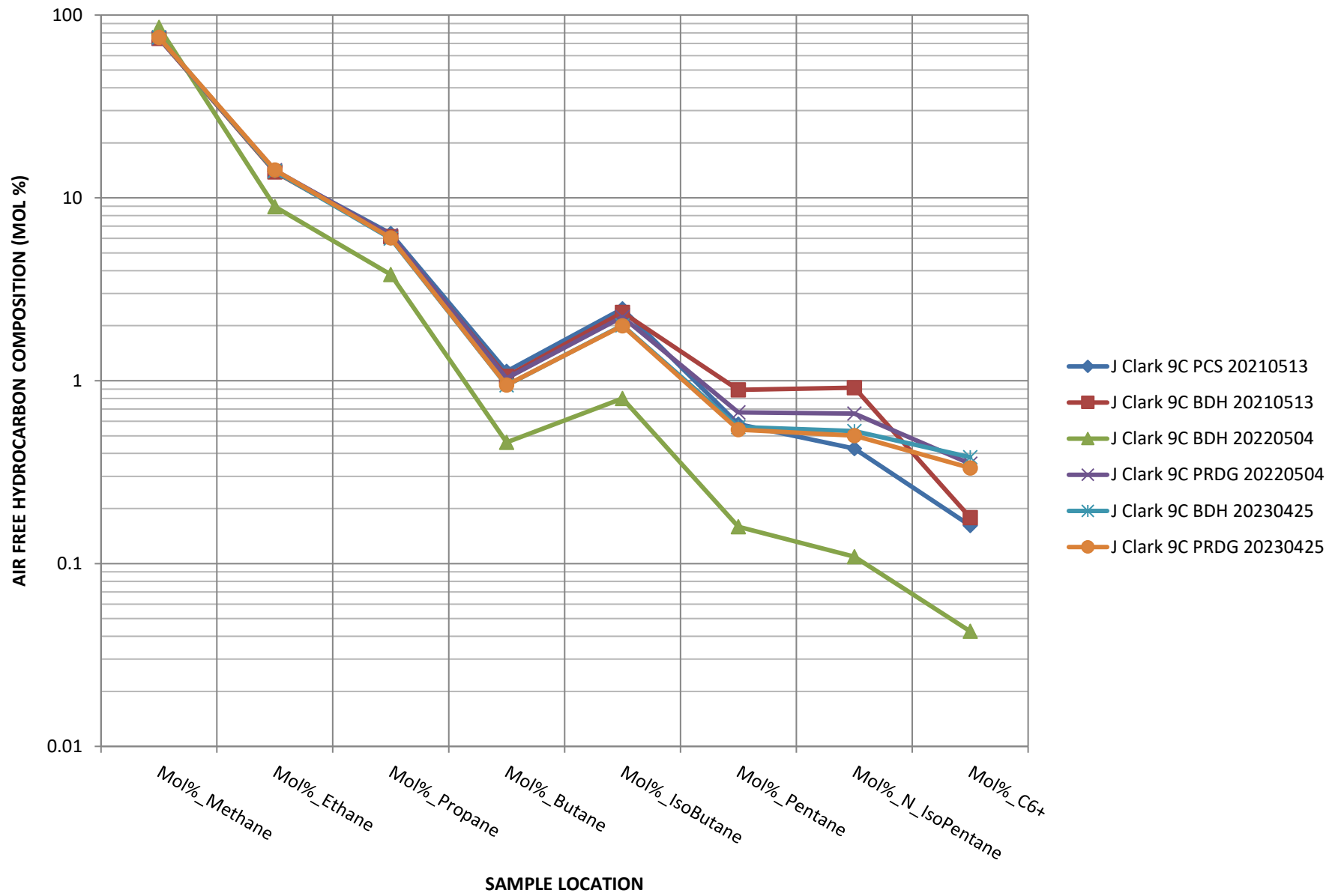
Legend:

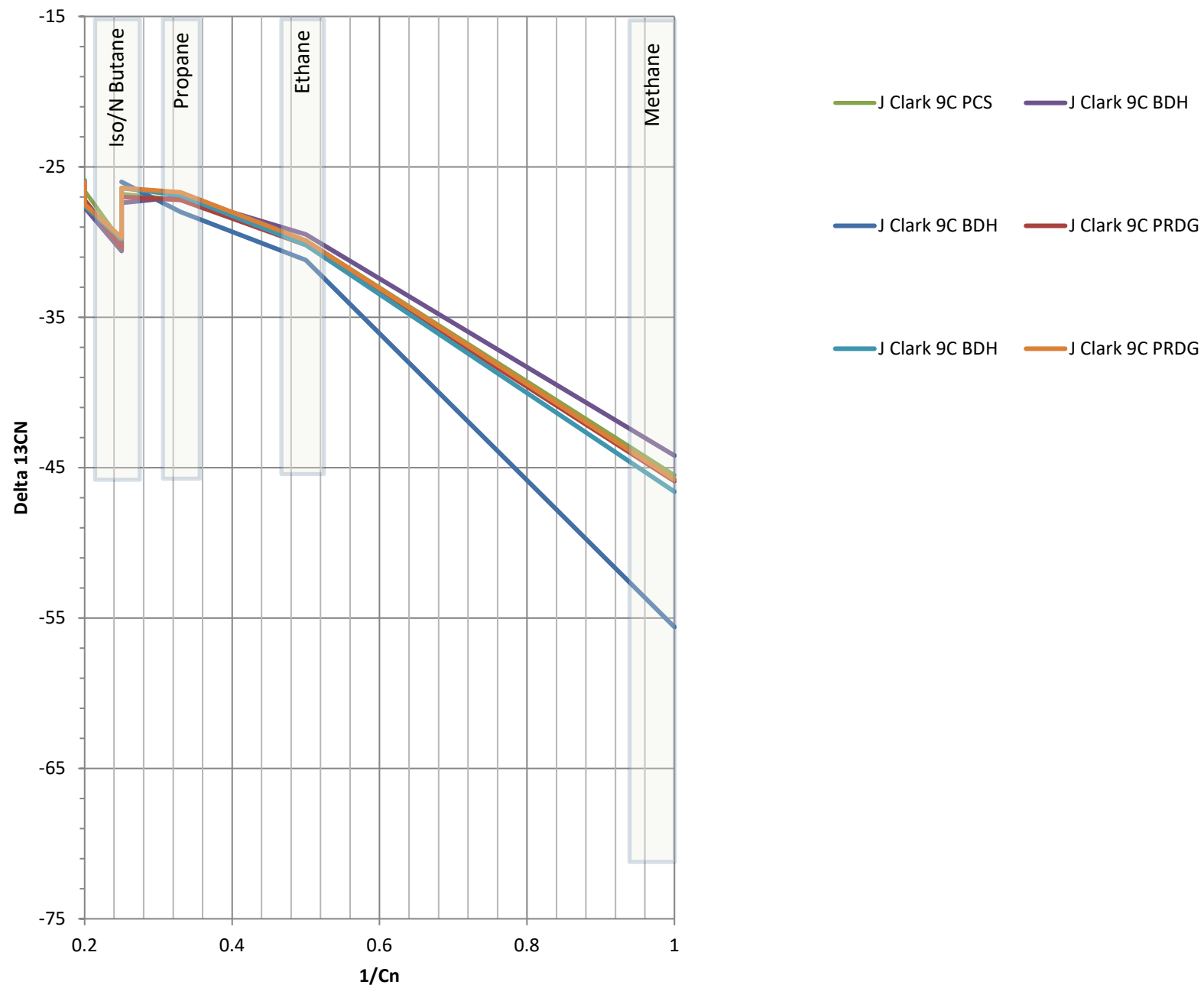
- J Clark 9C PCS 20210513
- J Clark 9C BDH 20210513
- J Clark 9C BDH 20220504
- J Clark 9C PRDG 20220504
- J Clark 9C BDH 20230425
- J Clark 9C PRDG 20230425

Parameter	J Clark 9C PCS 20210513	J Clark 9C BDH 20210513	J Clark 9C BDH 20220504	J Clark 9C PRDG 20220504	J Clark 9C BDH 20230425	J Clark 9C PRDG 20230425
Mol% Nitrogen	1.5	2.5	3.0	30.0	2.0	5.0
Mol% Oxygen	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Mol% Argon	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Mol% O2+AR	0.4	0.6	0.5	9.0	0.5	1.5
Mol% CarbonDioxide	2.5	2.5	2.5	1.5	2.5	2.5
Mol% Helium	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Mol% hydrogen	70.0	70.0	80.0	40.0	70.0	65.0
Mol% Methane	12.0	12.0	8.0	7.0	12.0	12.0
Mol% Ethane	6.0	6.0	4.0	3.5	6.0	5.5
Mol% Propane	1.0	1.0	0.5	0.6	0.9	0.8
Mol% Butane	2.2	2.2	0.7	1.2	1.8	1.8
Mol% IsoButane	0.5	0.8	0.15	0.4	0.5	0.5
Mol% N_Pentane	0.4	0.8	0.1	0.4	0.5	0.4
Mol% IsoPentane	0.15	0.18	0.04	0.2	0.4	0.3
Mol% C6+	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

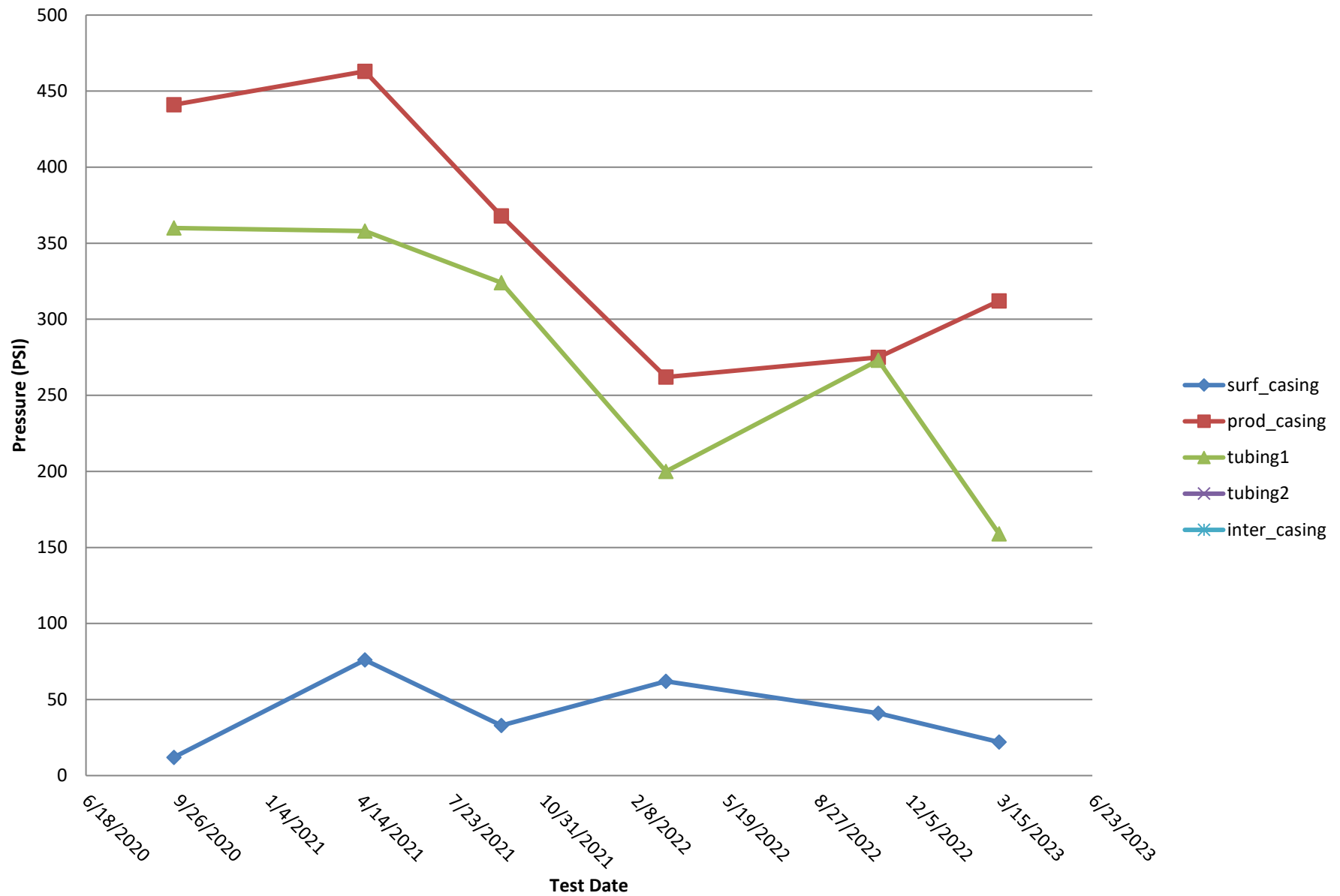
- J Clark 9C PCS 20210513
- J Clark 9C BDH 20210513
- J Clark 9C BDH 20220504
- J Clark 9C PRDG 20220504
- J Clark 9C BDH 20230425
- J Clark 9C PRDG 20230425

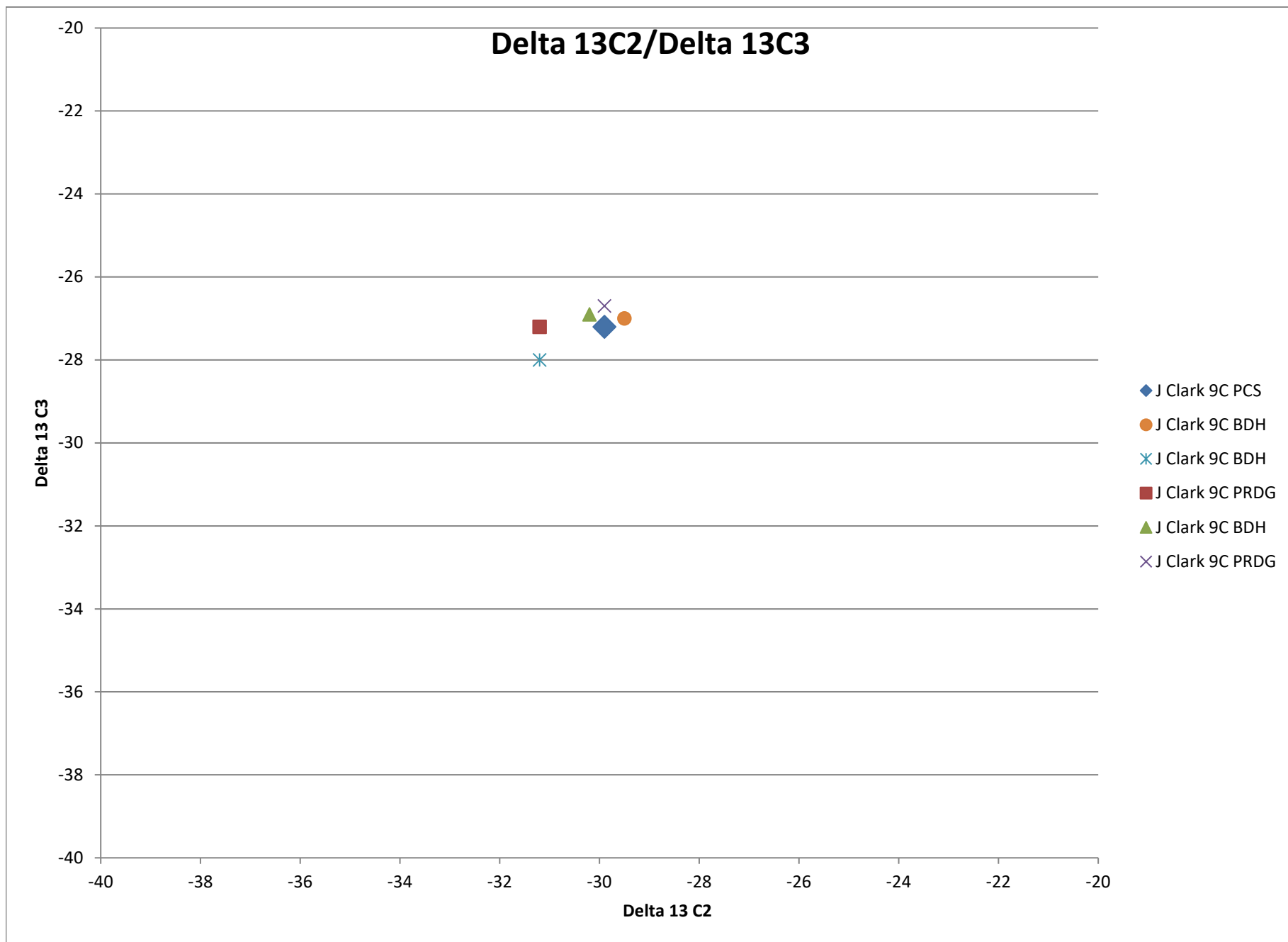
HYDROCARBON COMPOSITION



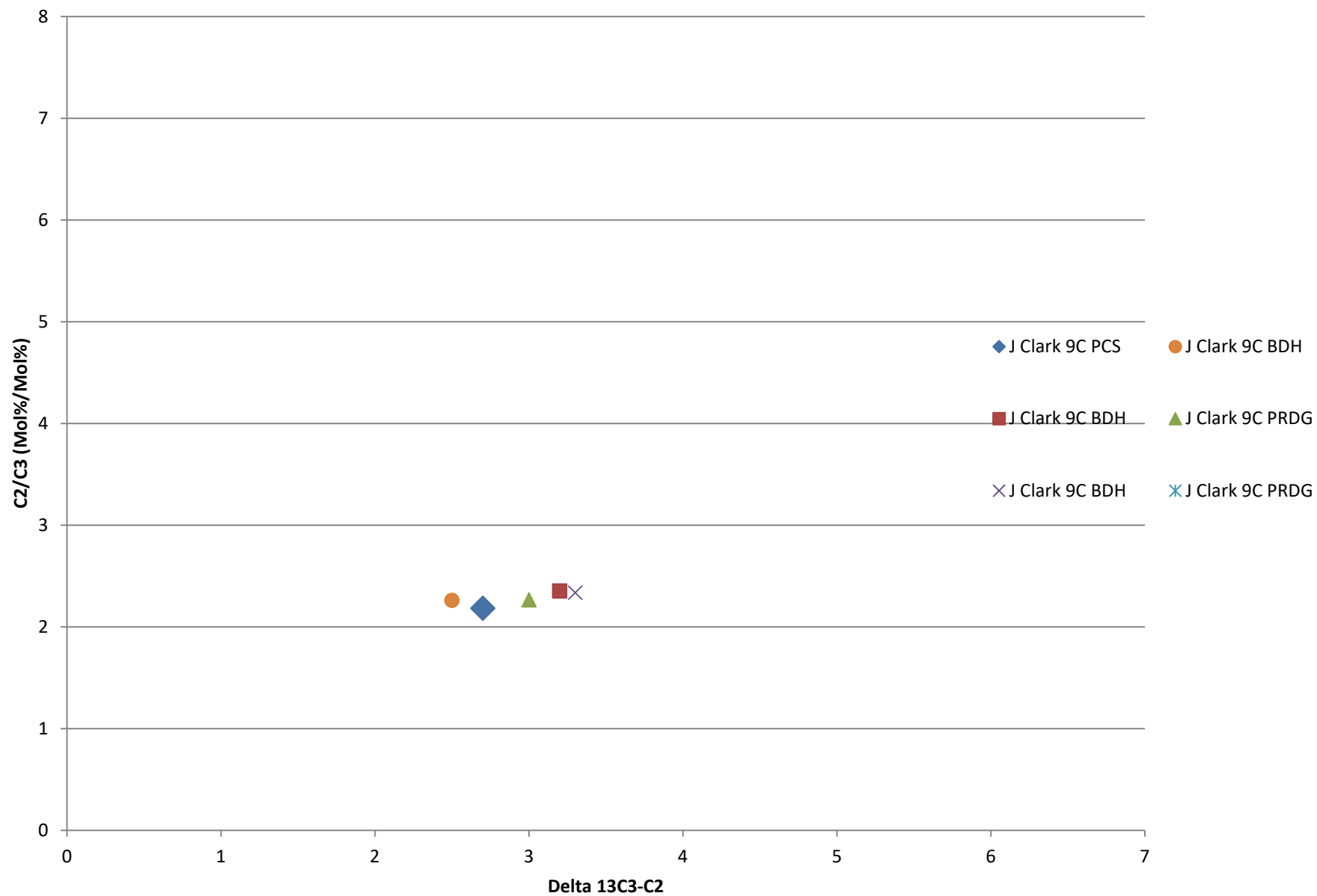


Bradenhead Test Summary





Delta13 C2/C3 vs. Delta 13C3-C2



Delta 13 IC4/ Delta NC4

