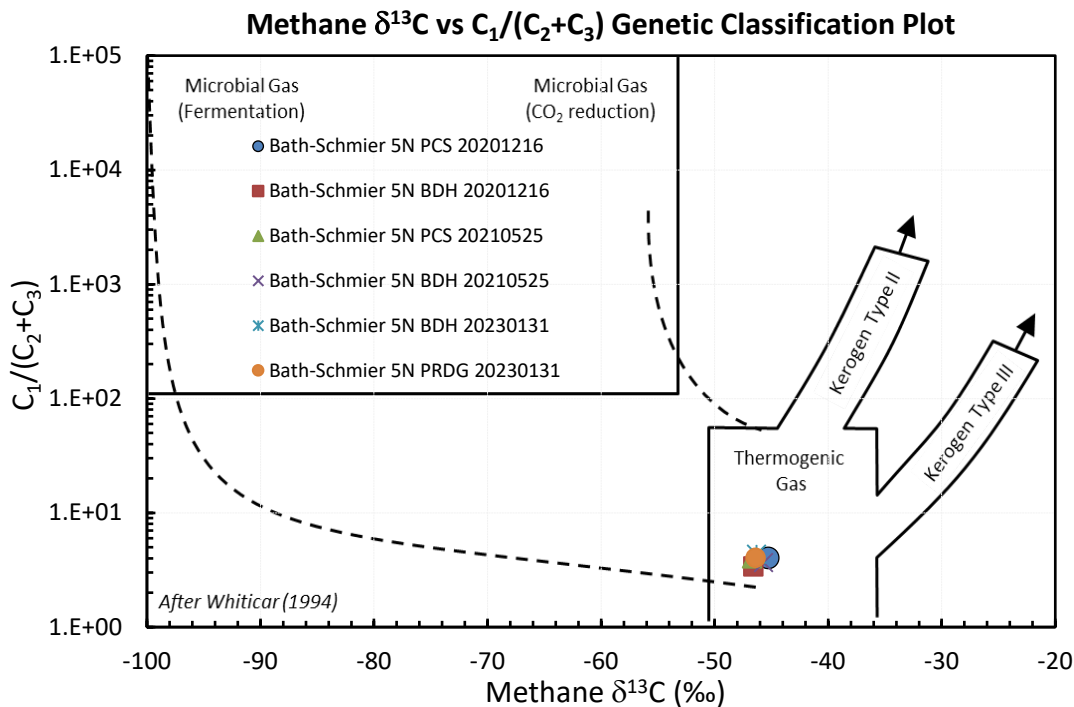
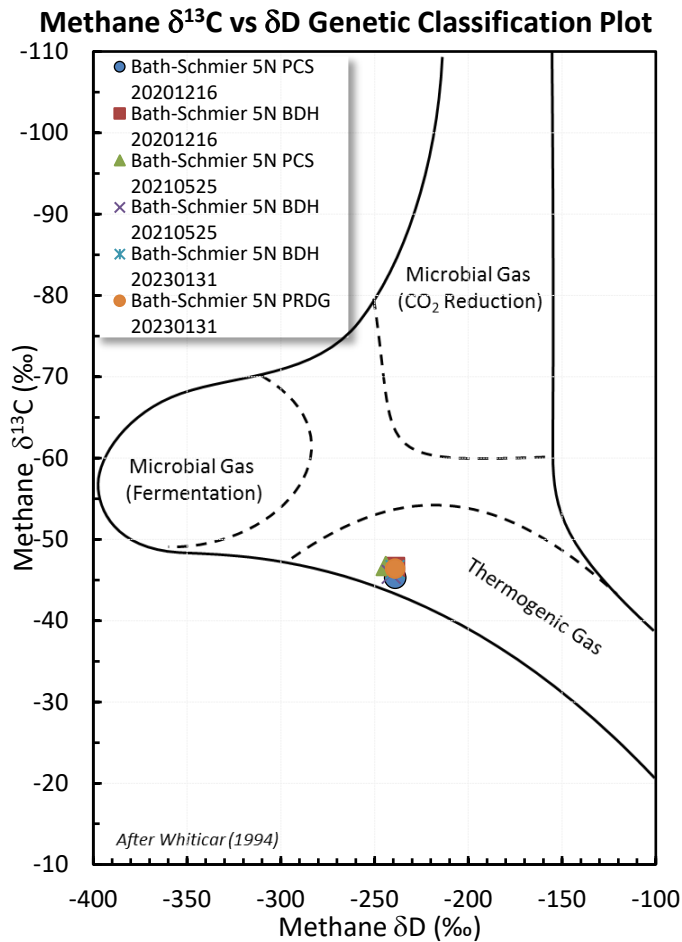
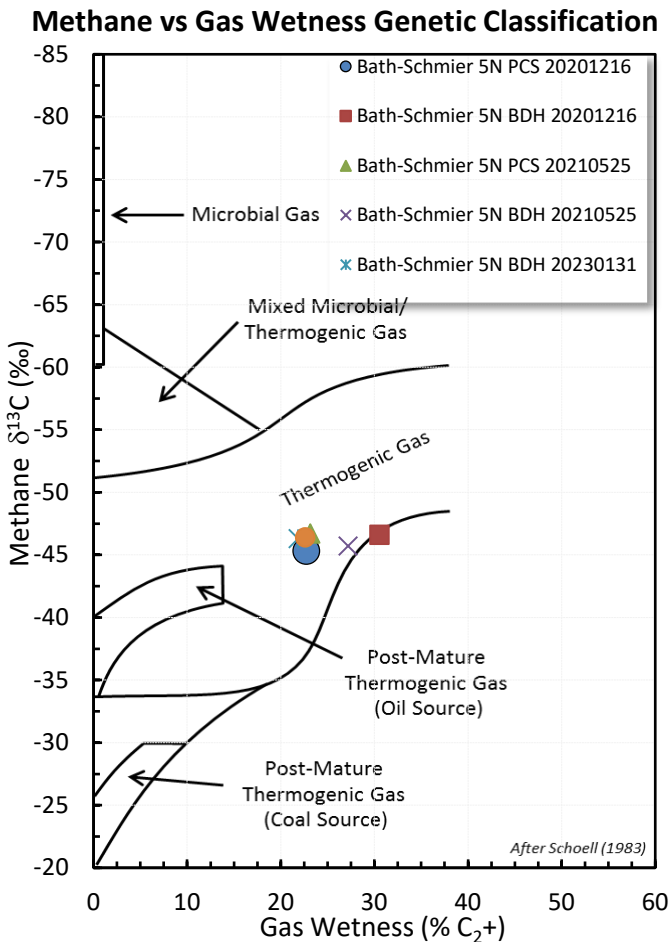
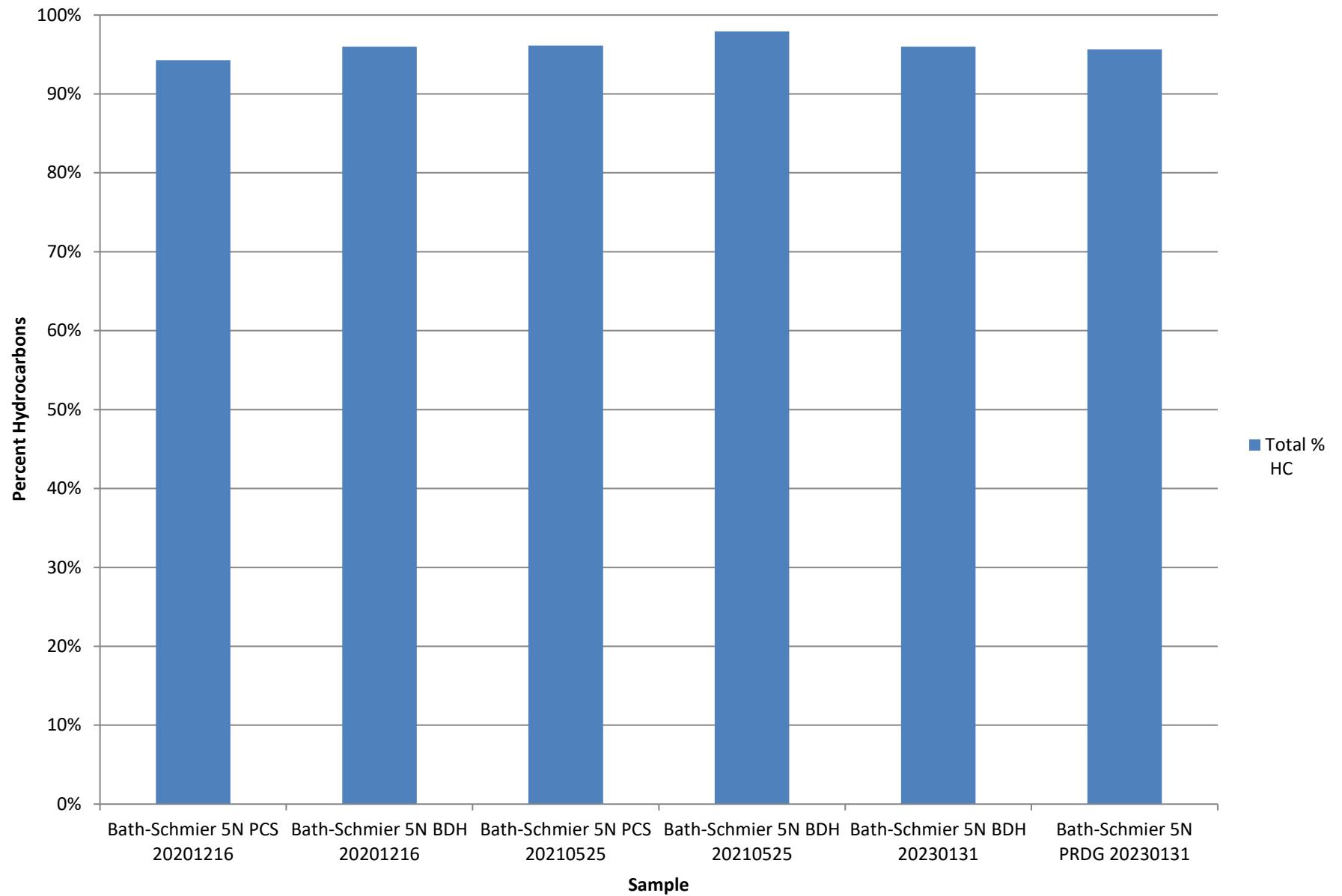


Stable Isotope Interpretive Plots



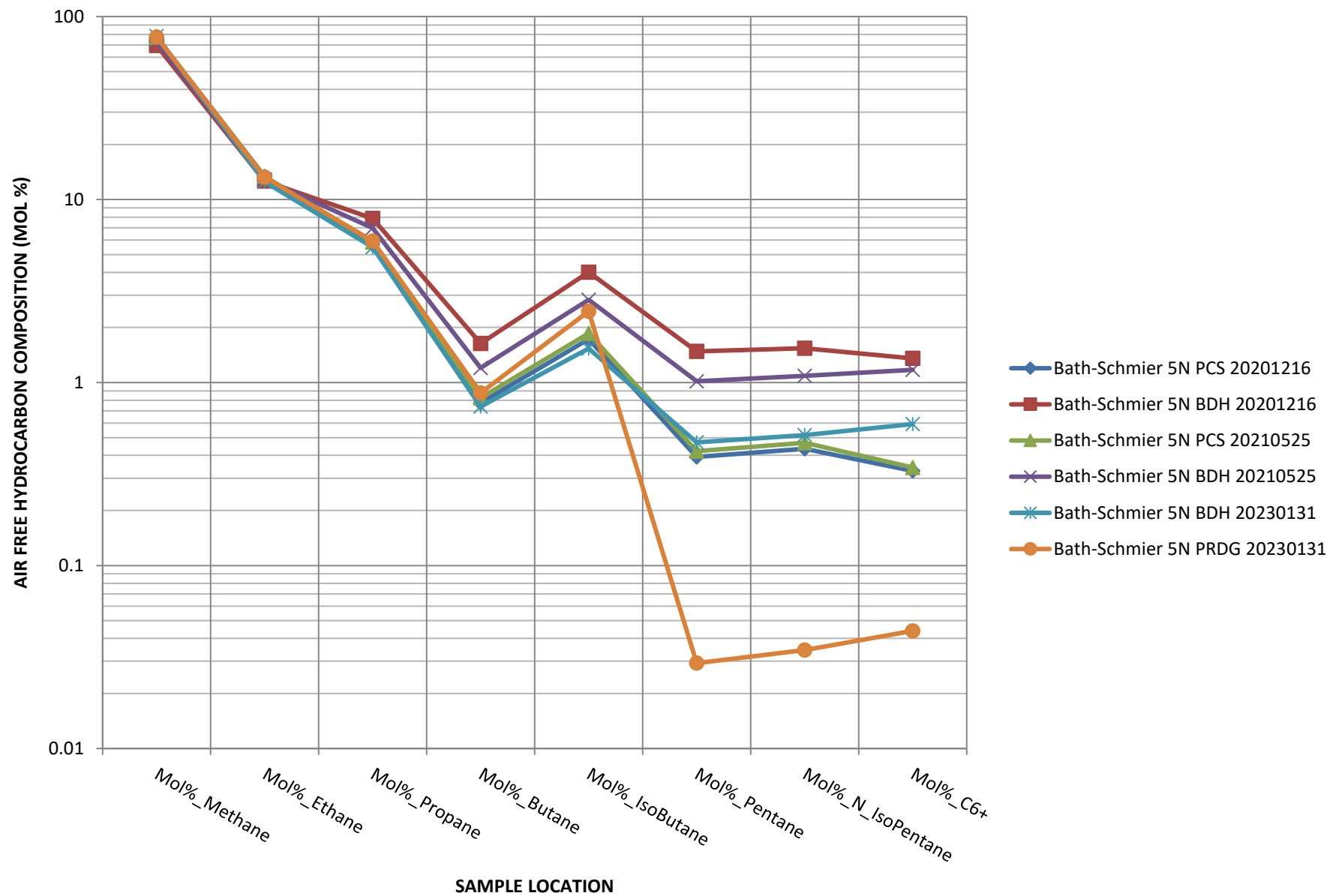
Total Percent Hydrocarbons

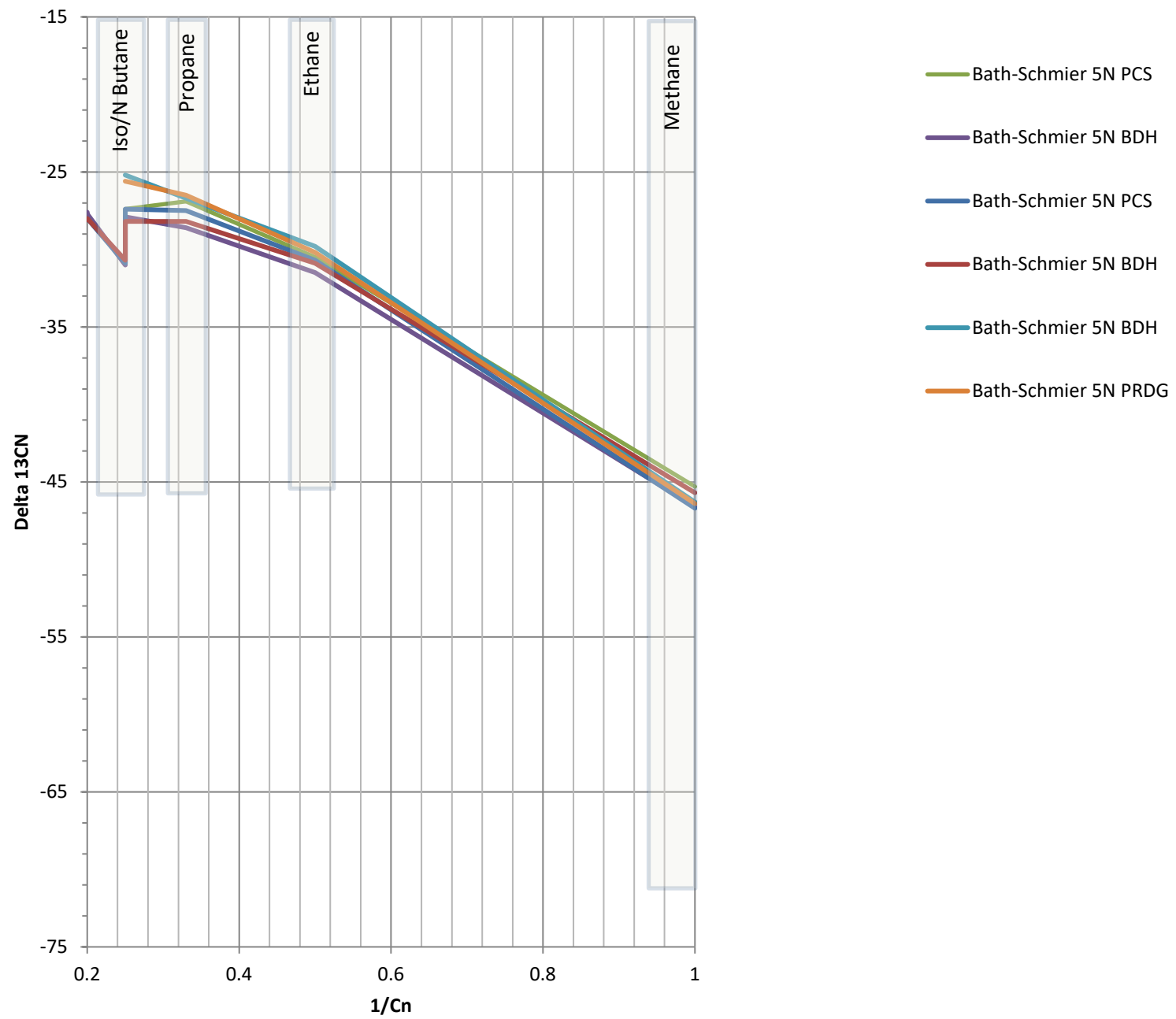


Parameter	Bath-Schmier 5N PCS 20201216	Bath-Schmier 5N BDH 20201216	Bath-Schmier 5N PCS 20210525	Bath-Schmier 5N BDH 20210525	Bath-Schmier 5N BDH 20210525	Bath-Schmier 5N BDH 20230131
Mol% Nitrogen	2.5	3.0	1.0	1.5	3.5	1.5
Mol% Oxygen	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Mol% Argon	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Mol% O2+AR	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Mol% CarbonDiOxide	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Mol% Helium	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Mol% hydrogen	70	65	70	70	70	70
Mol% Methane	12	12	12	12	12	12
Mol% Ethane	5.5	7.5	6.0	7.0	5.5	6.0
Mol% Propane	0.7	1.5	0.8	1.2	0.7	0.8
Mol% Butane	1.5	4.0	1.8	3.0	1.5	2.2
Mol% IsoButane	0.4	1.3	0.4	1.0	0.4	0.03
Mol% N_Pentane	0.4	1.4	0.4	1.1	0.5	0.03
Mol% IsoPentane	0.3	1.2	0.3	1.1	0.6	0.04
Mol% C6+	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

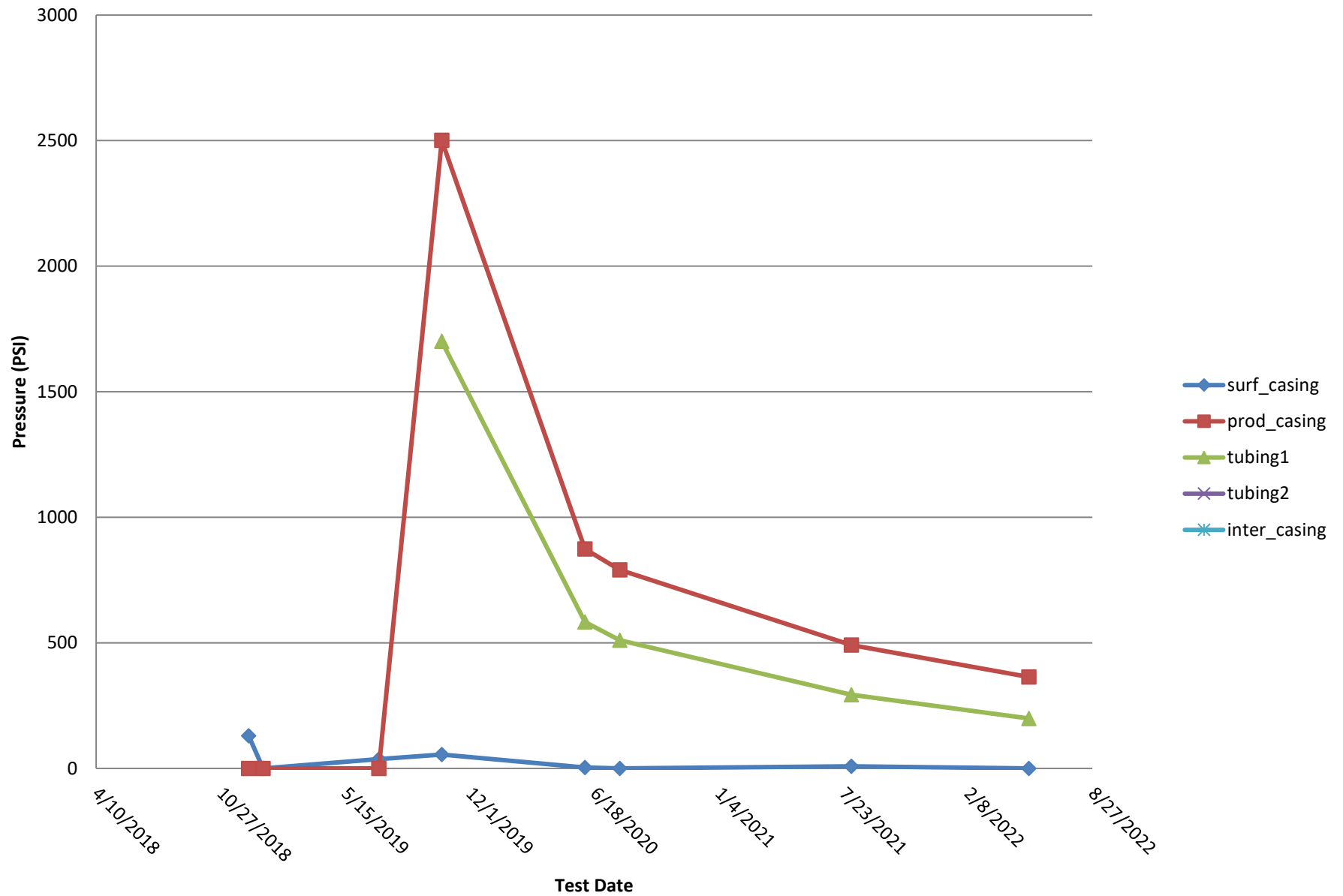
- Bath-Schmier 5N PCS
20201216
- Bath-Schmier 5N BDH
20201216
- Bath-Schmier 5N PCS
20210525
- Bath-Schmier 5N BDH
20210525
- Bath-Schmier 5N BDH
20230131

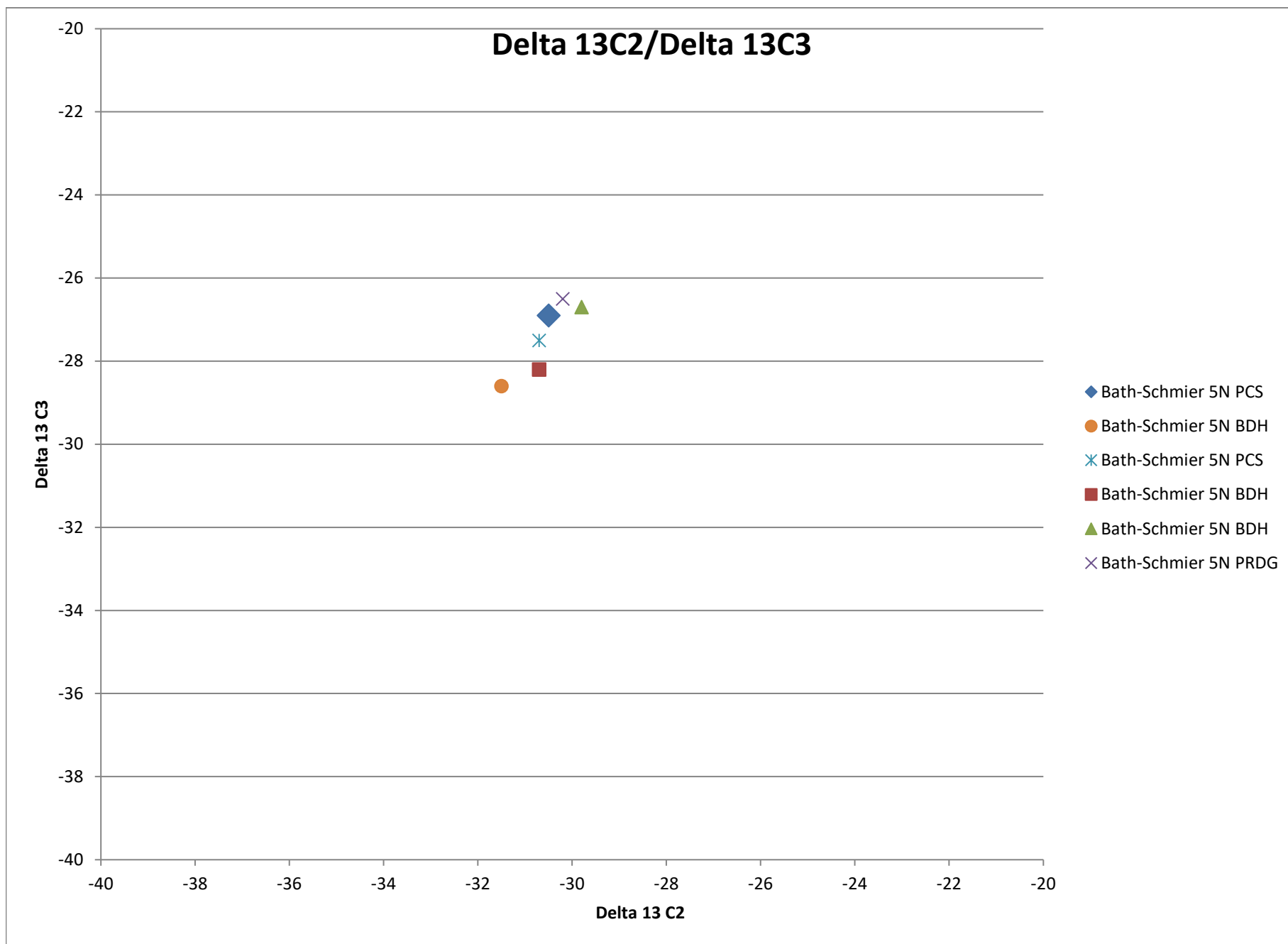
HYDROCARBON COMPOSITION



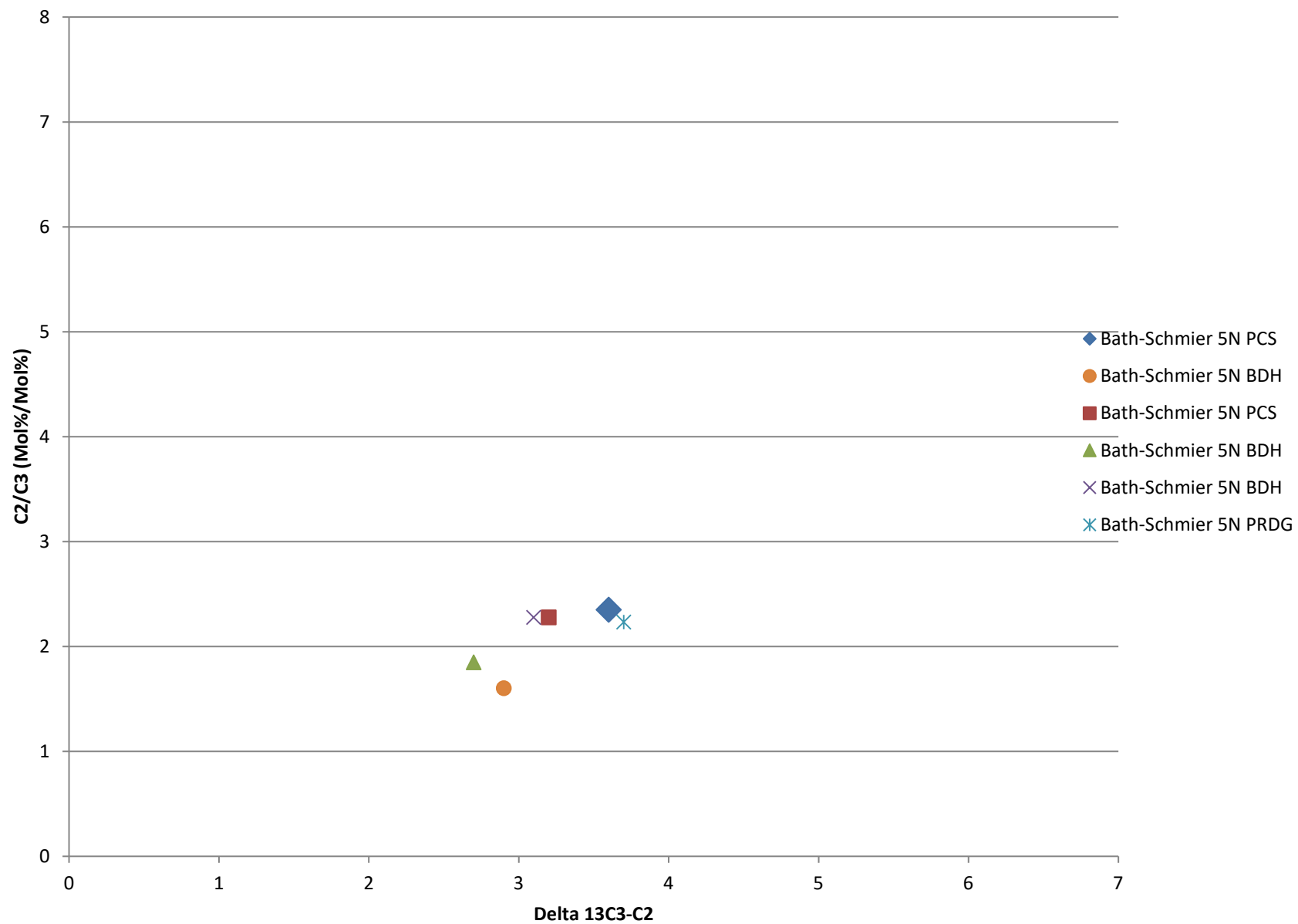


Bradenhead Test Summary





Delta13 C2/C3 vs. Delta 13C3-C2



Delta 13 IC4/ Delta NC4

