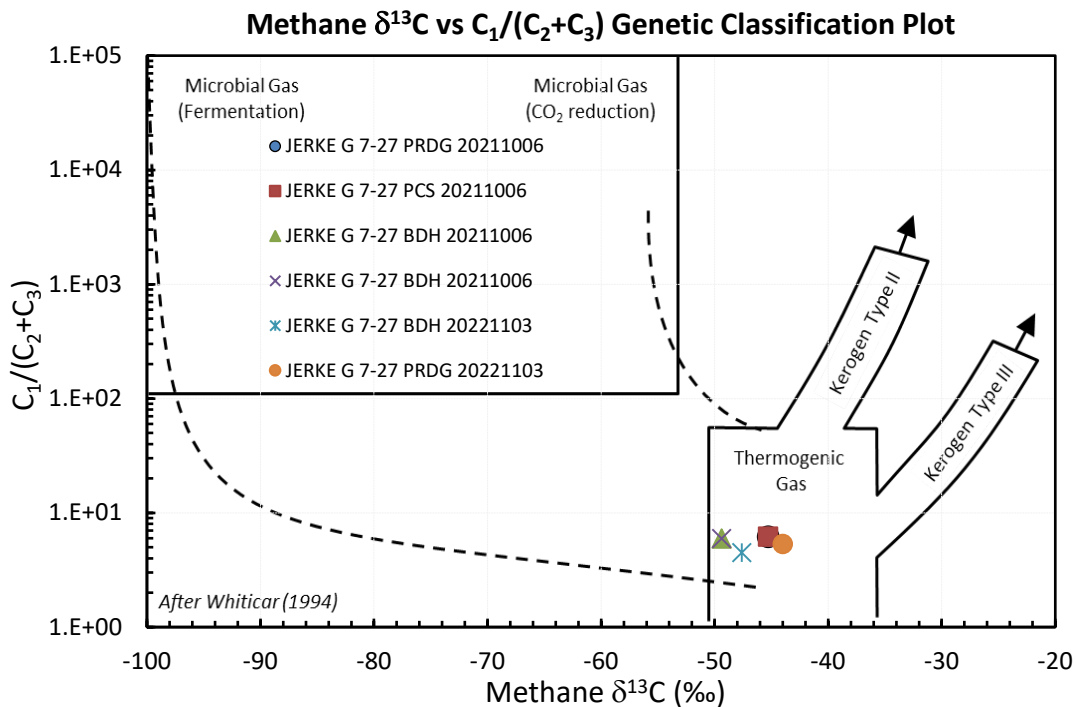
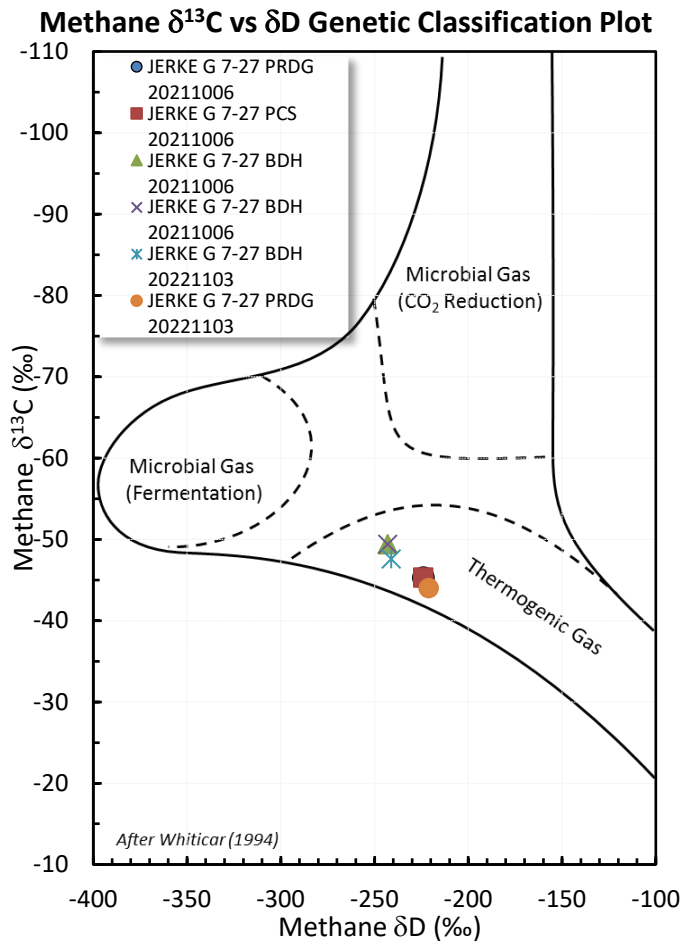
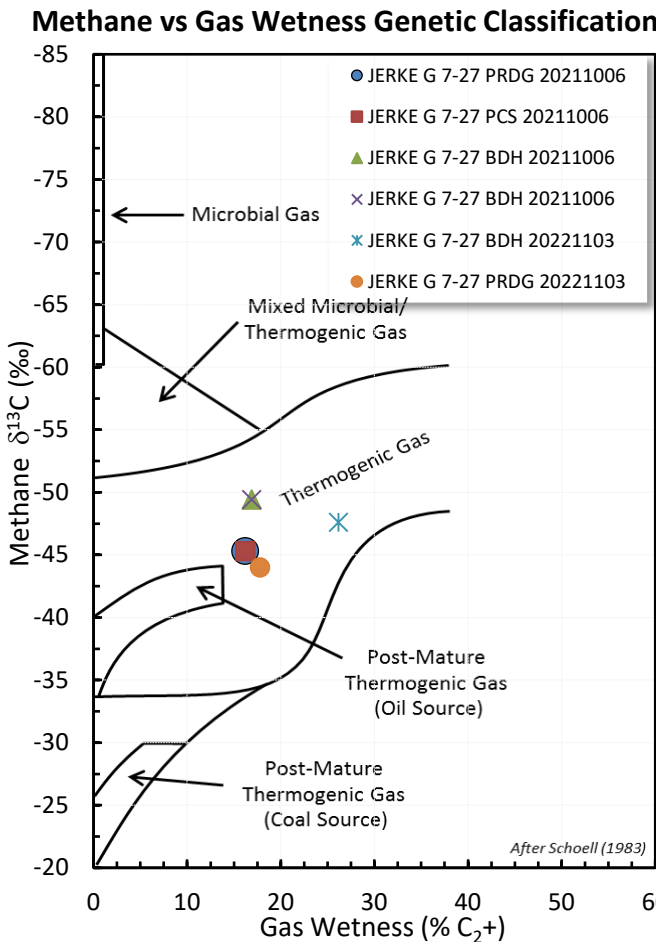
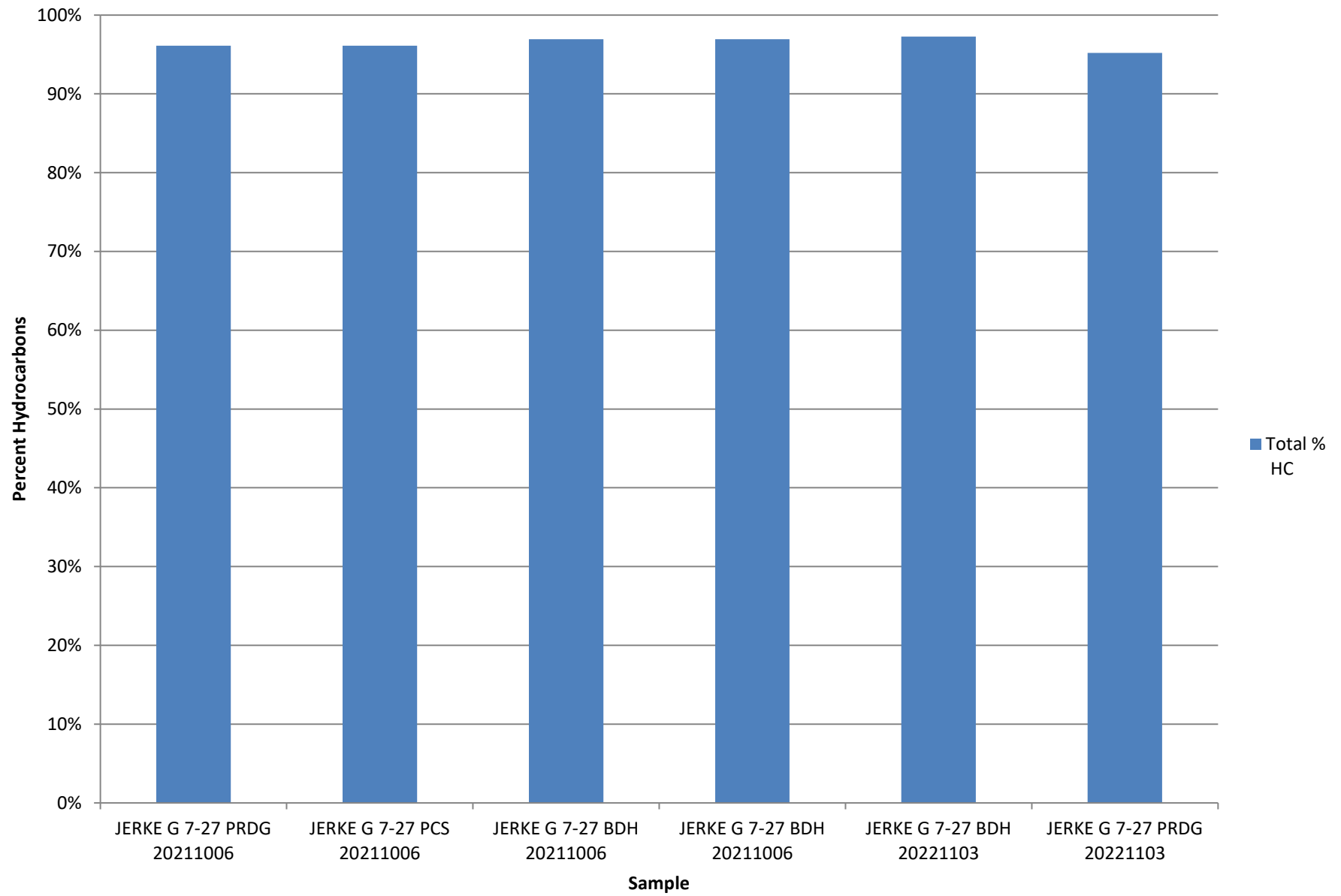


Stable Isotope Interpretive Plots



Total Percent Hydrocarbons



GAS COMPOSITION

GAS COMPOSITION (MOL %)

Parameter

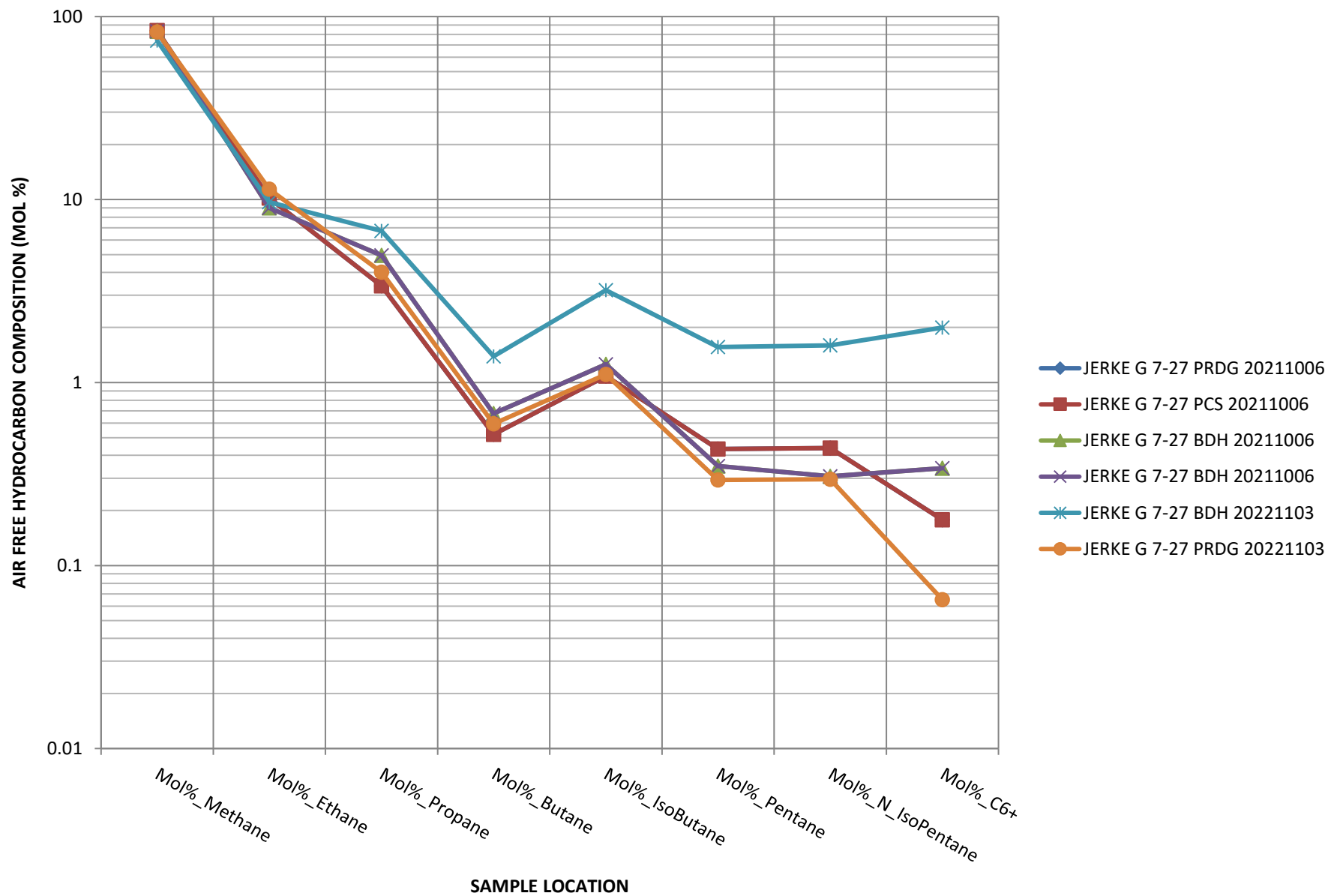
Legend:

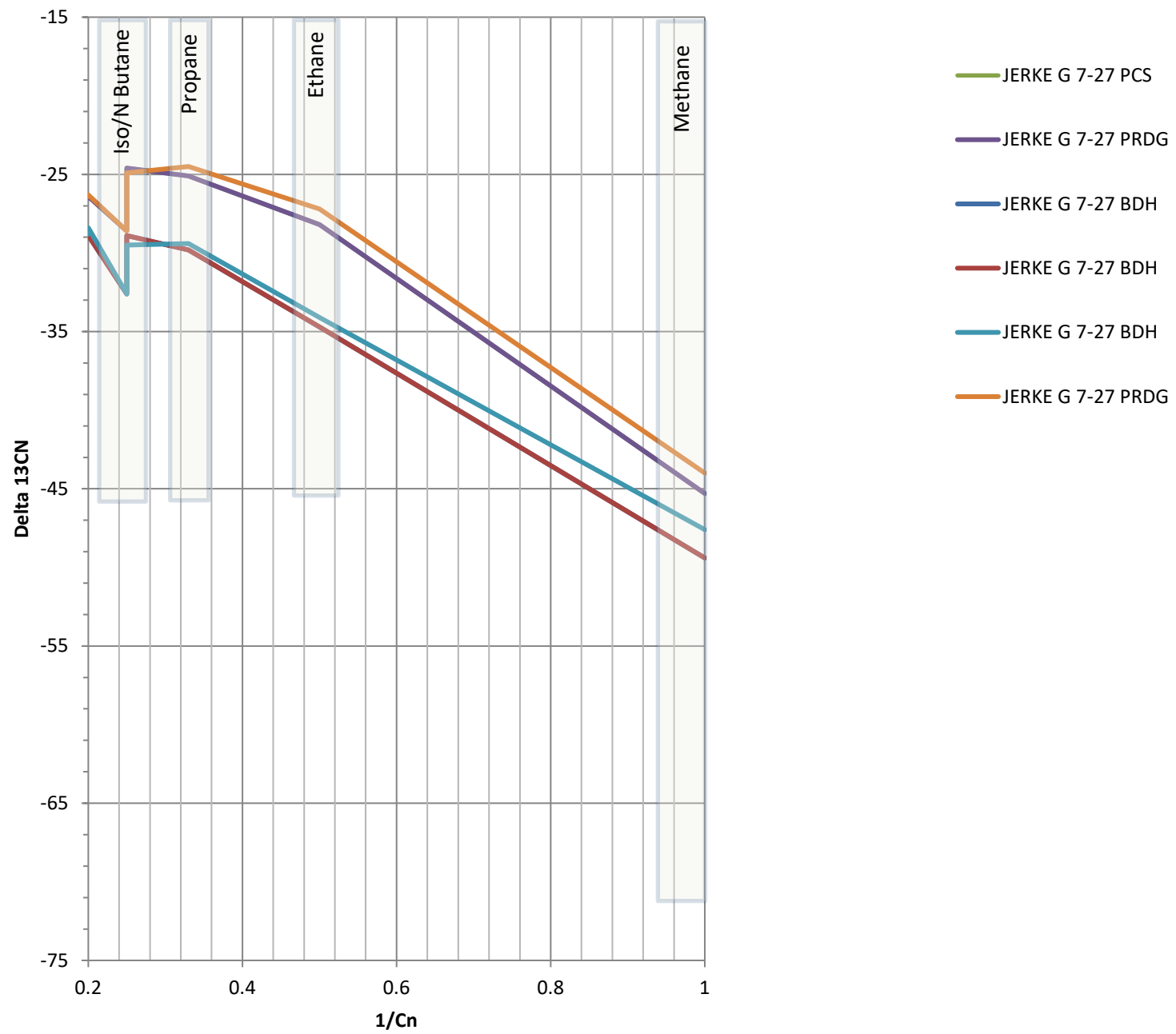
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- JERKE G 7-27 PCS 20211006
- JERKE G 7-27 BDH 20211006
- JERKE G 7-27 BDH 20211006
- JERKE G 7-27 BDH 20221103
- JERKE G 7-27 PRDG 20221103

| Parameter | JERKE G 7-27 PRDG 20211006 | JERKE G 7-27 PCS 20211006 | JERKE G 7-27 BDH 20211006 | JERKE G 7-27 BDH 20211006 | JERKE G 7-27 BDH 20221103 | JERKE G 7-27 PRDG 20221103 |
|--------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| Mol% Nitrogen | 1.0 | 1.0 | 2.5 | 2.5 | 2.2 | 1.8 |
| Mol% Oxygen | 0.2 | 0.2 | 0.5 | 0.5 | 0.3 | 0.35 |
| Mol% Argon | 2.8 | 2.8 | 0.001 | 0.001 | 0.001 | 0.001 |
| Mol% O2+AR | 2.8 | 2.8 | 0.001 | 0.001 | 0.001 | 2.8 |
| Mol% CarbonDioxide | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| Mol% Helium | 0.03 | 0.03 | 0.025 | 0.025 | 0.055 | 0.001 |
| Mol% hydrogen | 80 | 80 | 80 | 80 | 70 | 80 |
| Mol% Methane | 10 | 10 | 9 | 9 | 9 | 11 |
| Mol% Ethane | 3.5 | 3.5 | 5 | 5 | 6.5 | 4 |
| Mol% Propane | 0.5 | 0.5 | 0.65 | 0.65 | 1.3 | 0.6 |
| Mol% Butane | 1.05 | 1.05 | 1.2 | 1.2 | 3.2 | 1.05 |
| Mol% IsoButane | 0.45 | 0.45 | 0.35 | 0.35 | 1.5 | 0.3 |
| Mol% N_Pentane | 0.45 | 0.45 | 0.3 | 0.3 | 1.5 | 0.3 |
| Mol% C6+ | 0.18 | 0.18 | 0.35 | 0.35 | 2.0 | 0.06 |

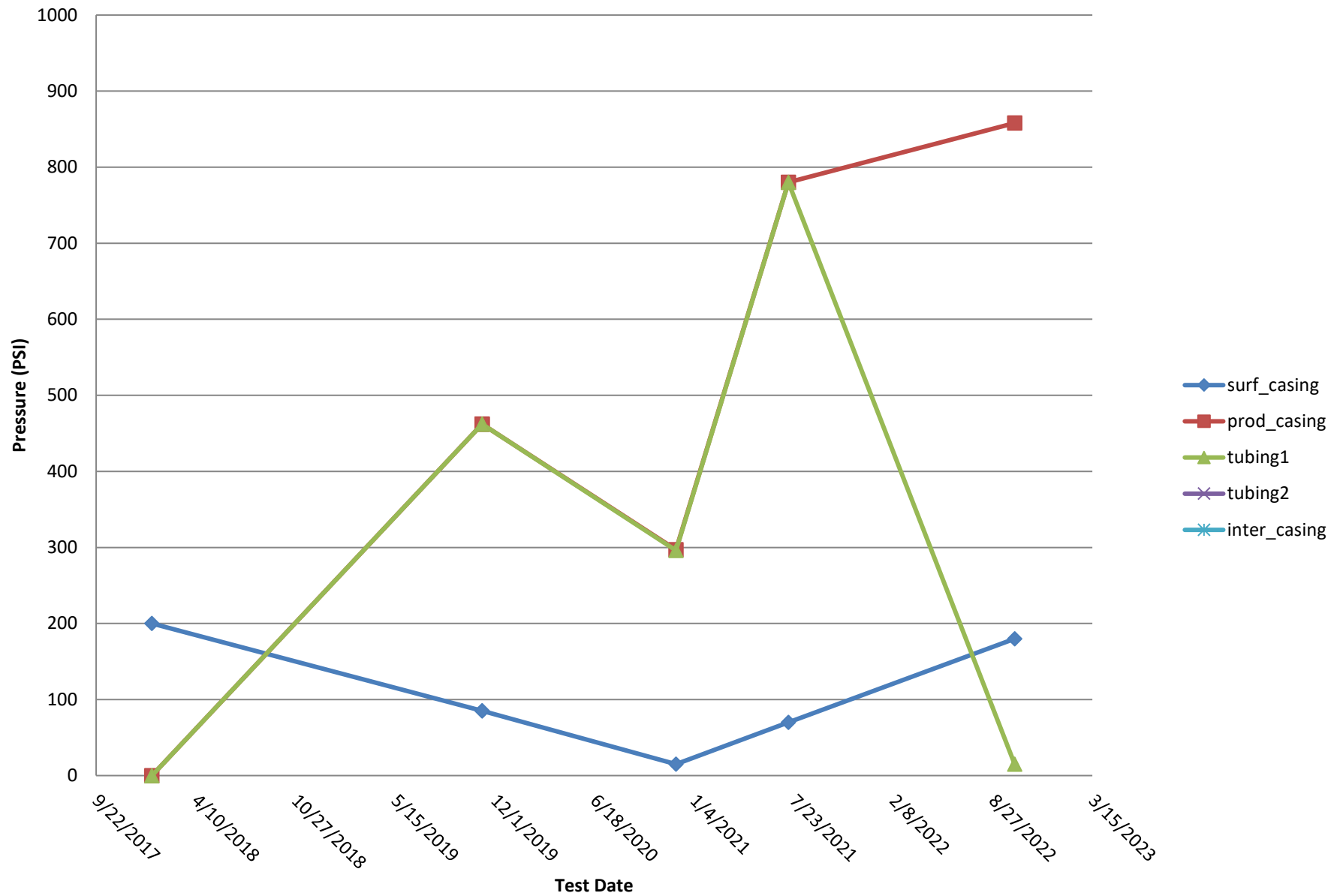
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- JERKE G 7-27 BDH 20211006
- JERKE G 7-27 BDH 20221103
- JERKE G 7-27 PRDG 20221103

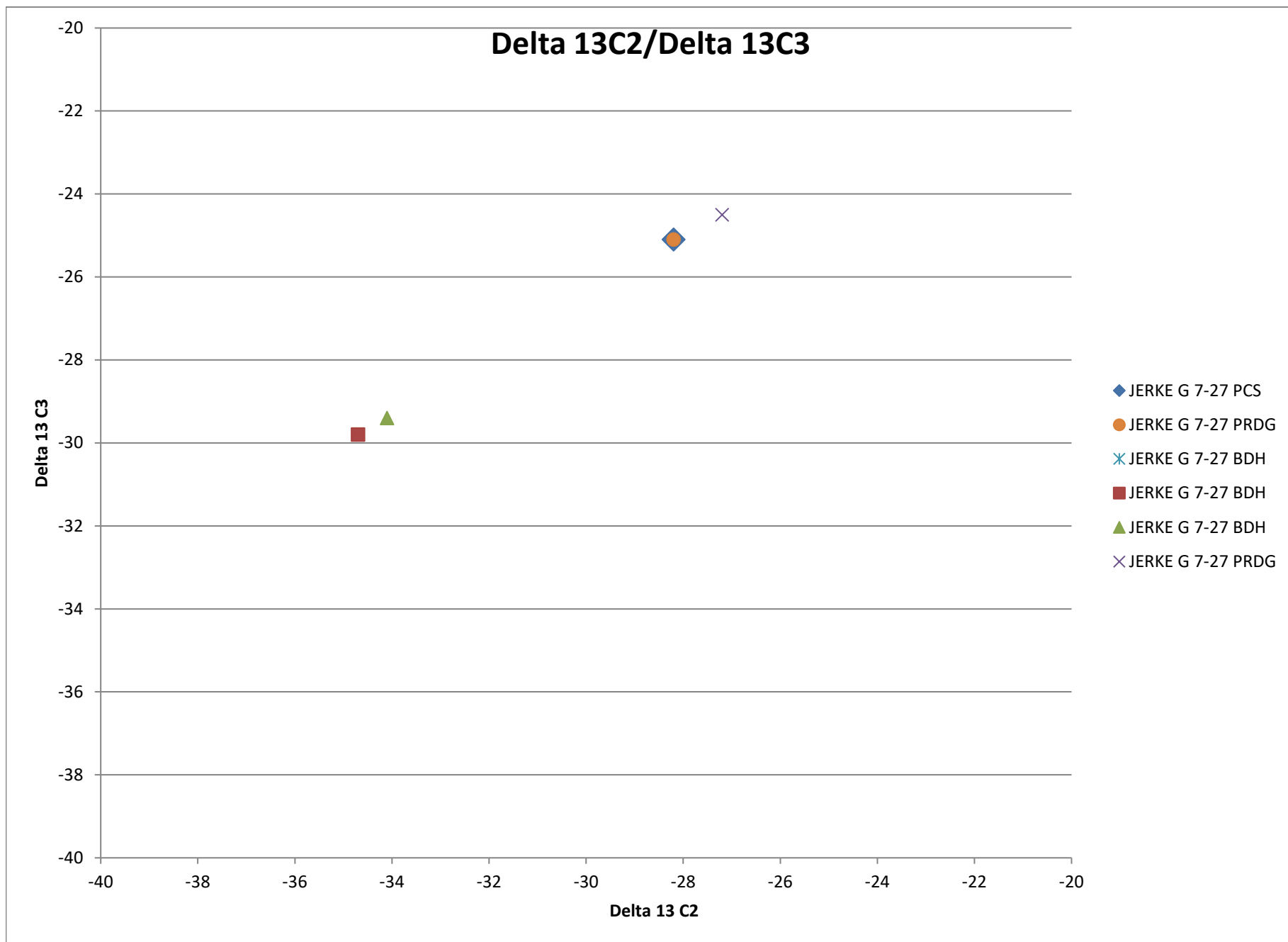
HYDROCARBON COMPOSITION



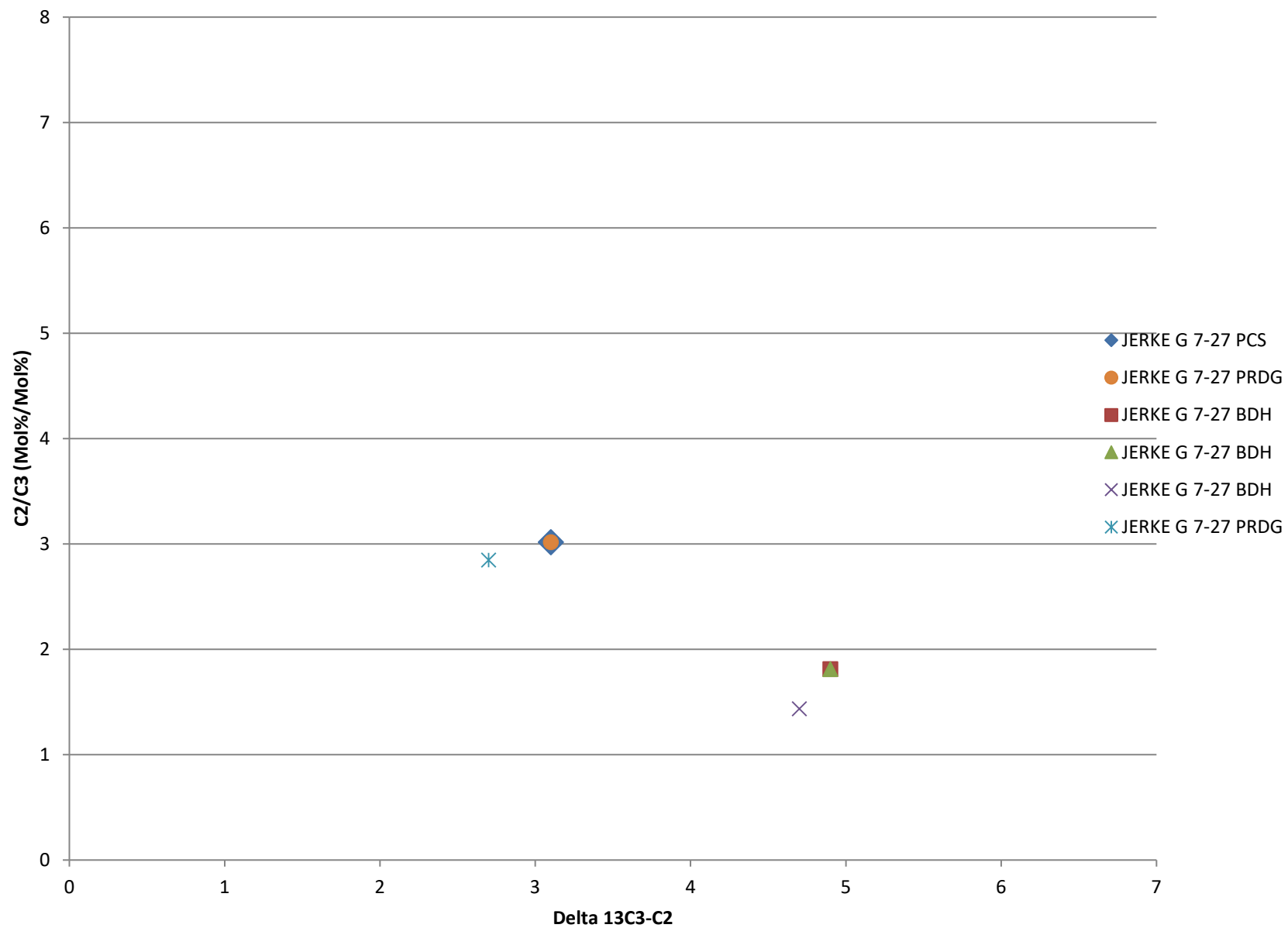


Bradenhead Test Summary





Delta13 C2/C3 vs. Delta 13C3-C2



Delta 13 IC4/ Delta NC4

