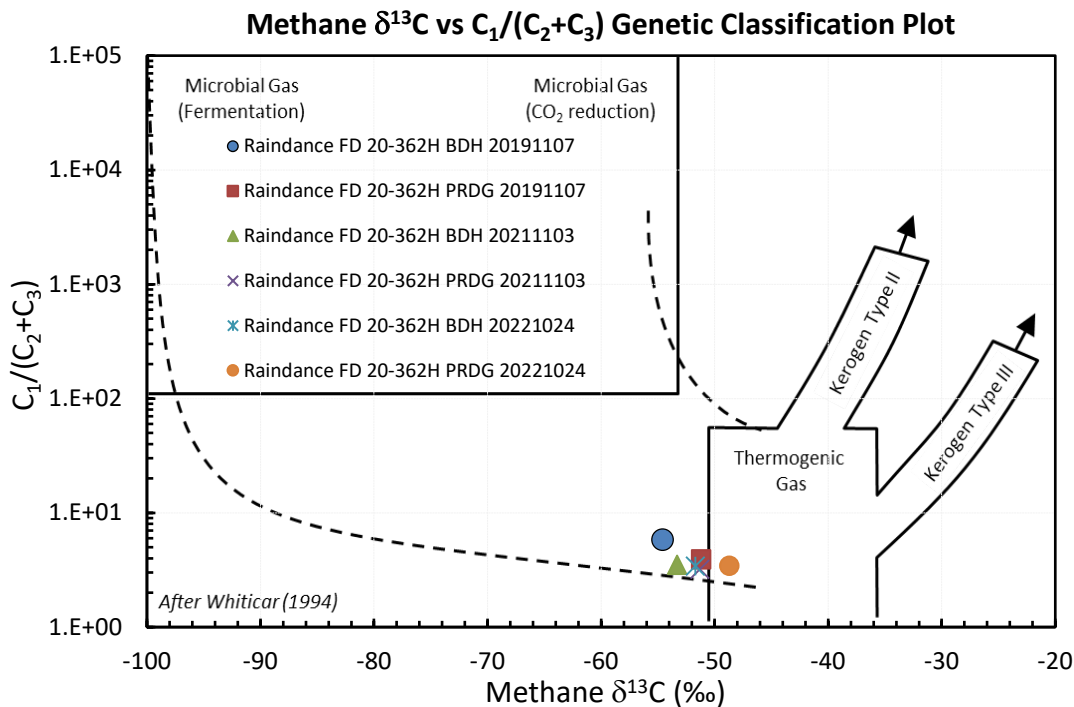
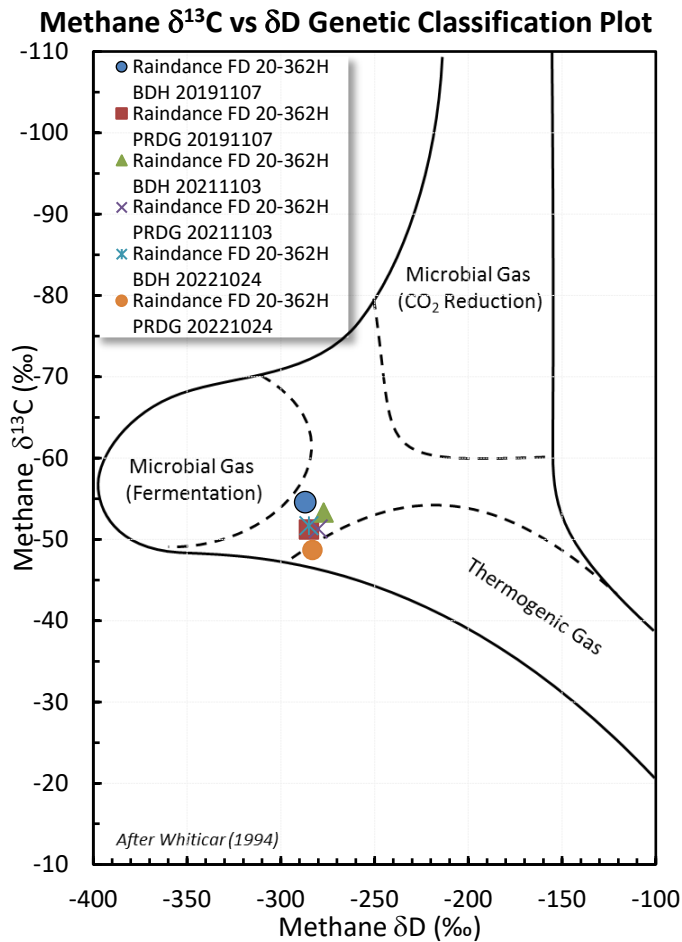
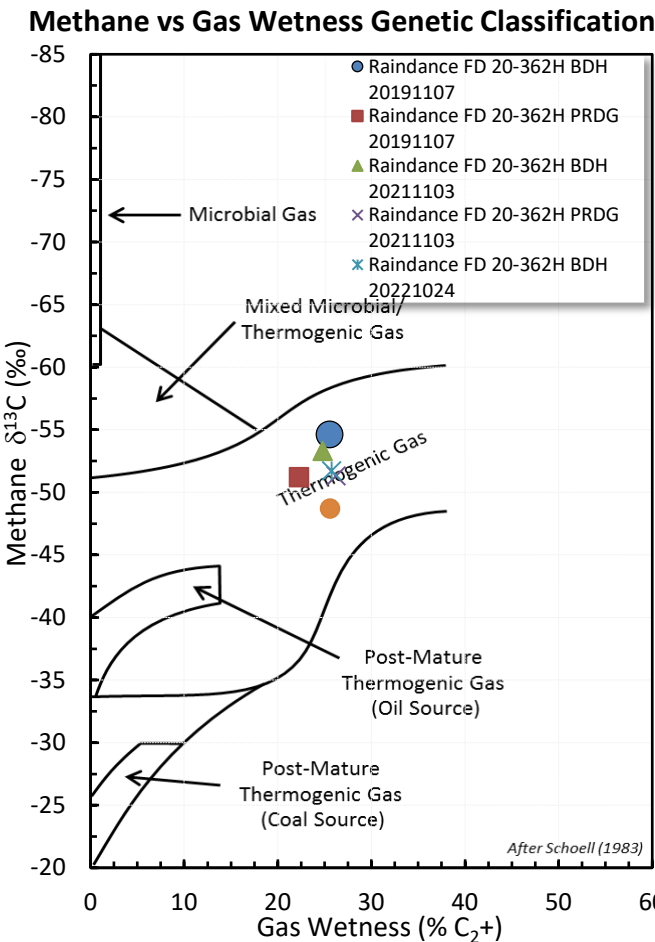
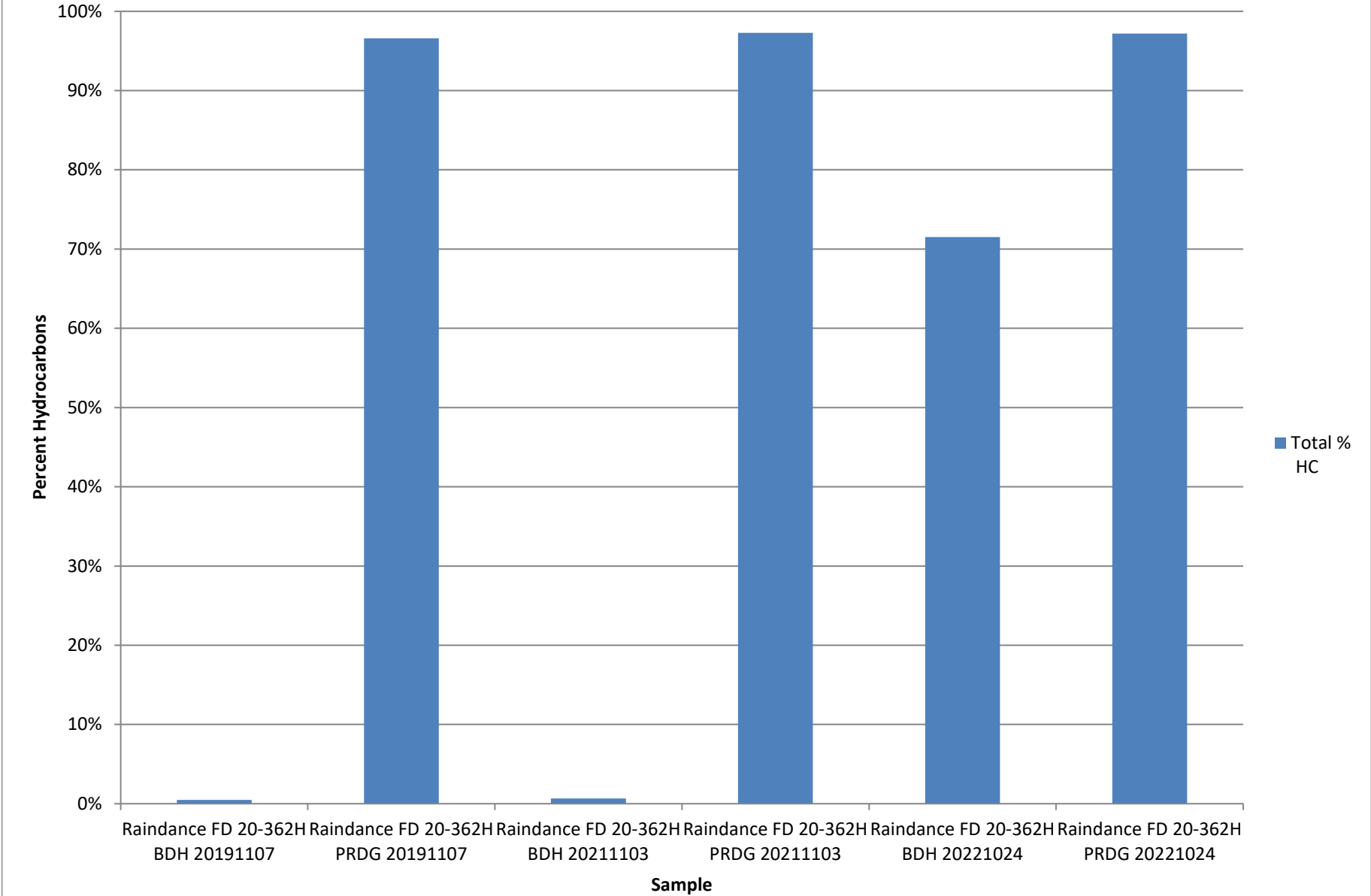


# Stable Isotope Interpretive Plots



Total Percent Hydrocarbons



**GAS COMPOSITION**

GAS COMPOSITION (MOL %)

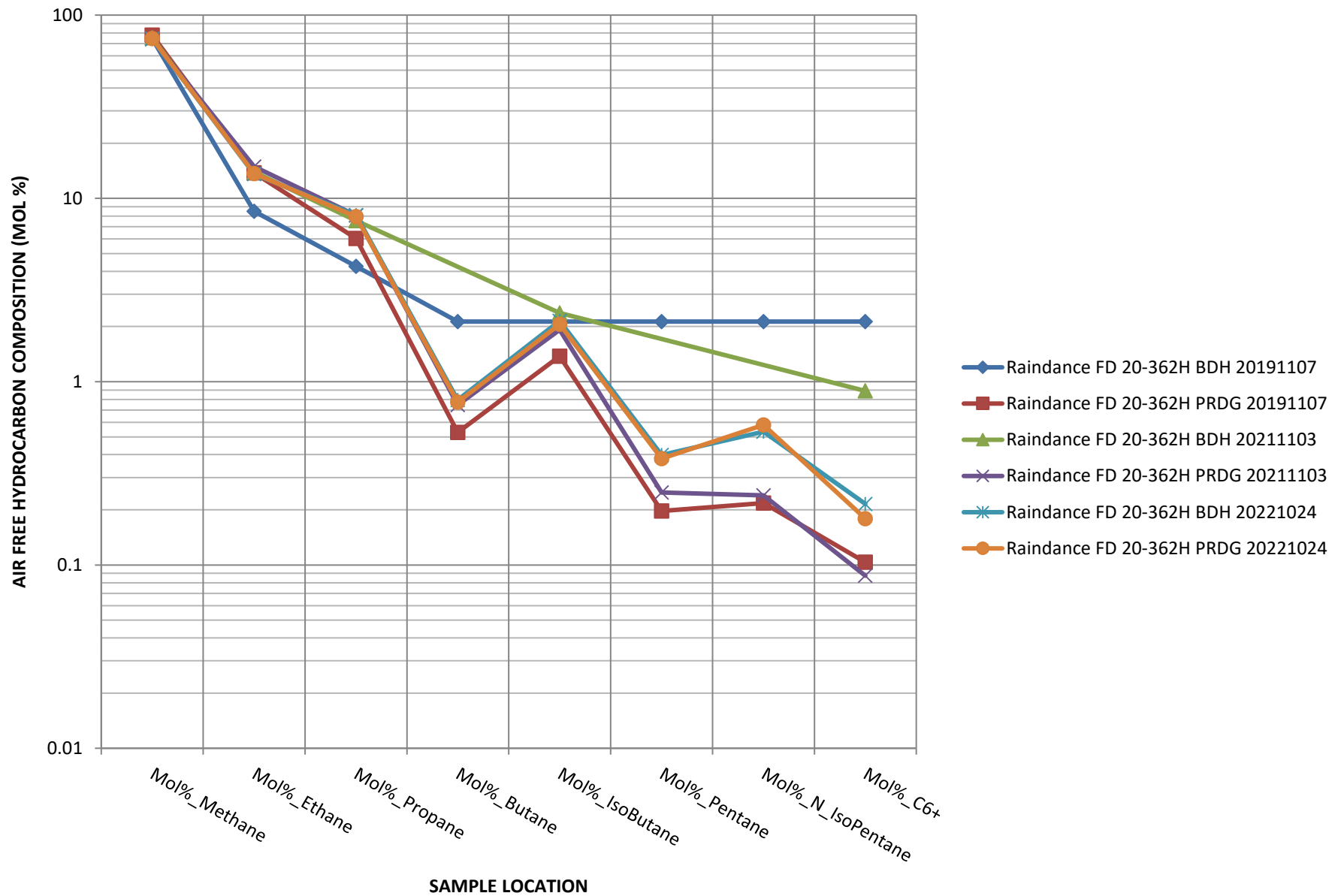
Parameter

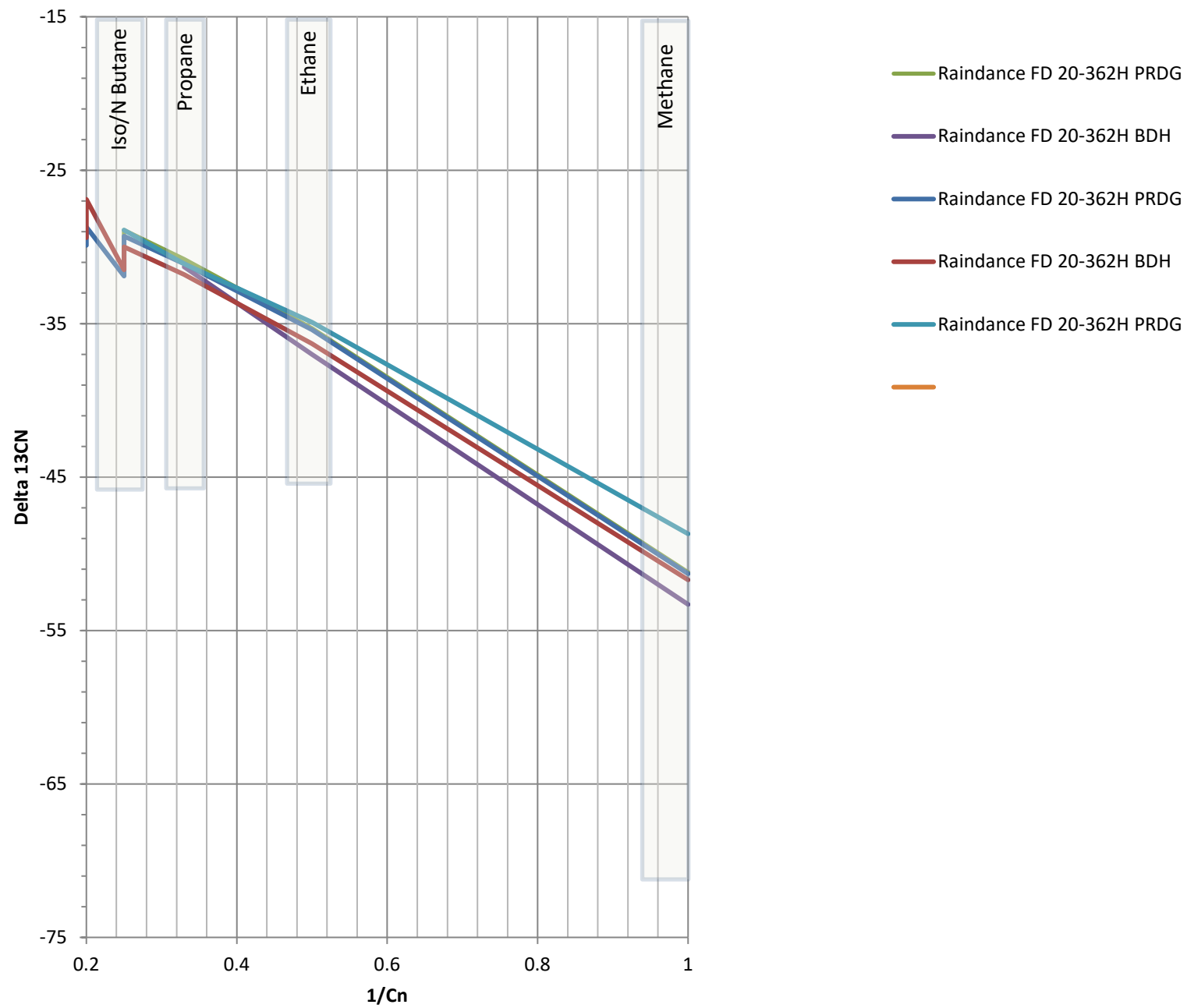
Raindance FD 20-362H BDH 20191107  
 Raindance FD 20-362H PRDG 20191107  
 Raindance FD 20-362H BDH 20211103  
 Raindance FD 20-362H PRDG 20211103  
 Raindance FD 20-362H BDH 20221024

Parameter	Raindance FD 20-362H BDH 20191107	Raindance FD 20-362H PRDG 20191107	Raindance FD 20-362H BDH 20211103	Raindance FD 20-362H PRDG 20211103	Raindance FD 20-362H BDH 20221024
Mol% Nitrogen	3.5	1.5	4.0	0.8	1.0
Mol% Oxygen	0.5	0.2	0.15	0.06	0.03
Mol% Argon	0.35	0.2	0.18	0.06	0.03
Mol% O2+AR	1.8	1.8	1.8	1.8	1.8
Mol% CarbonDioxide	100	100	100	100	100
Mol% Helium	100	100	100	100	100
Mol% hydrogen	0.35	70	0.5	70	70
Mol% Methane	0.04	12	0.09	14	12
Mol% Ethane	0.02	6	0.05	7.5	7.5
Mol% Propane	0.6	0.5	0.7	0.7	0.7
Mol% Butane	0.015	1.3	0.015	1.8	1.8
Mol% IsoButane	0.25	0.18	0.25	0.25	0.25
Mol% N_Pentane	0.22	0.2	0.22	0.22	0.22
Mol% IsoPentane	0.15	0.1	0.15	0.15	0.15
Mol% C6+	0.15	0.1	0.15	0.15	0.15

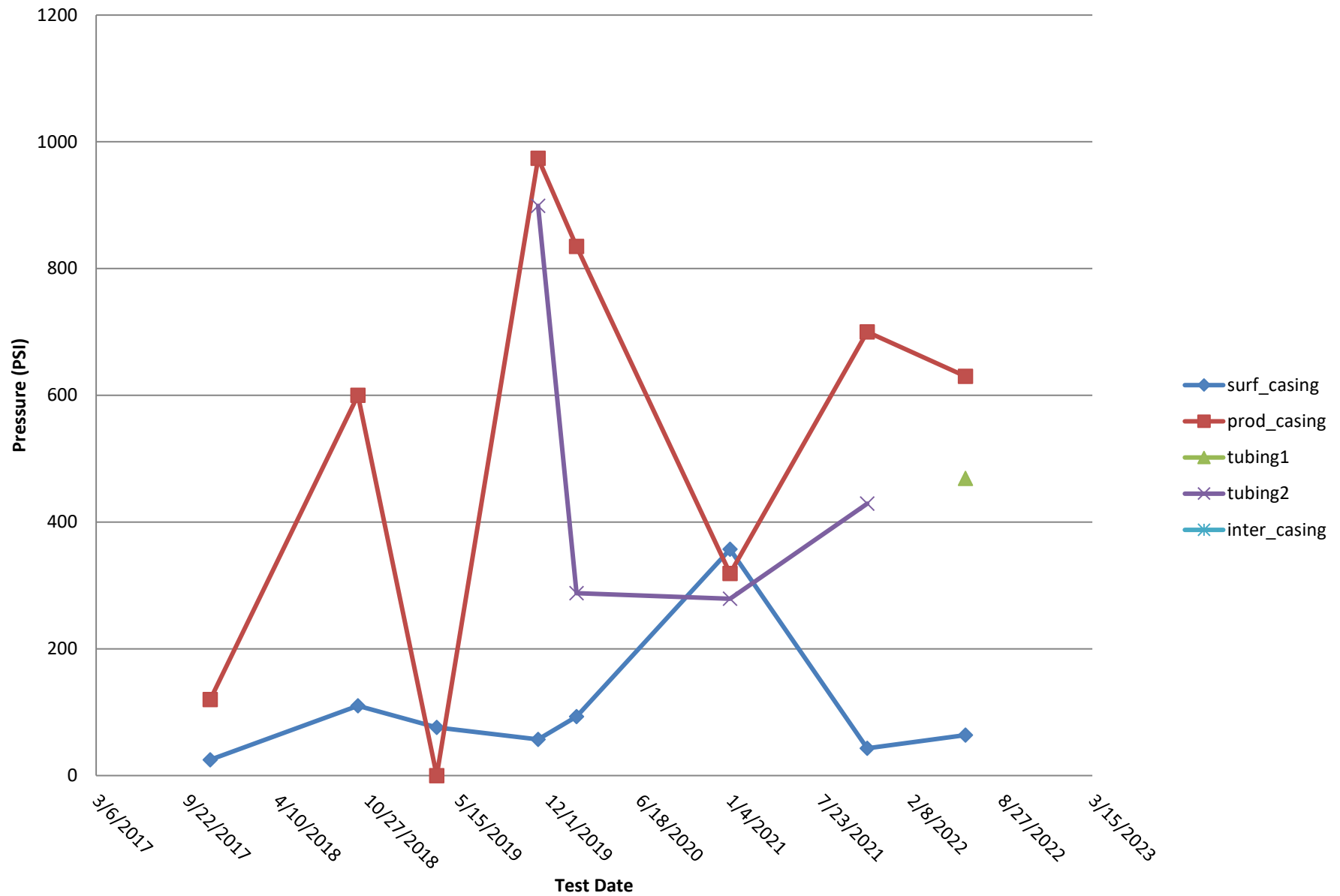
- Raindance FD 20-362H BDH 20191107
- Raindance FD 20-362H PRDG 20191107
- Raindance FD 20-362H BDH 20211103
- Raindance FD 20-362H PRDG 20211103
- Raindance FD 20-362H BDH 20221024

## HYDROCARBON COMPOSITION

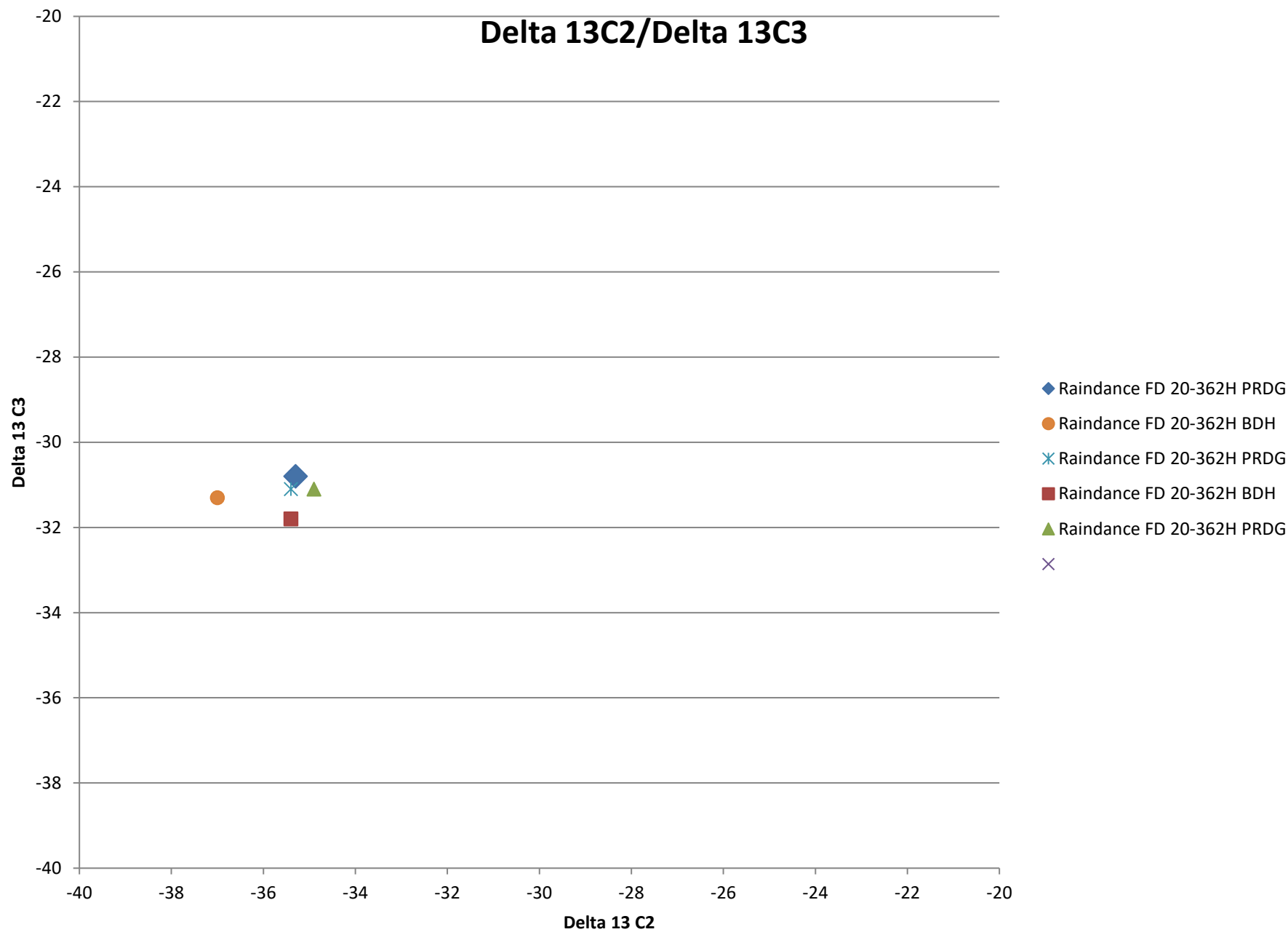




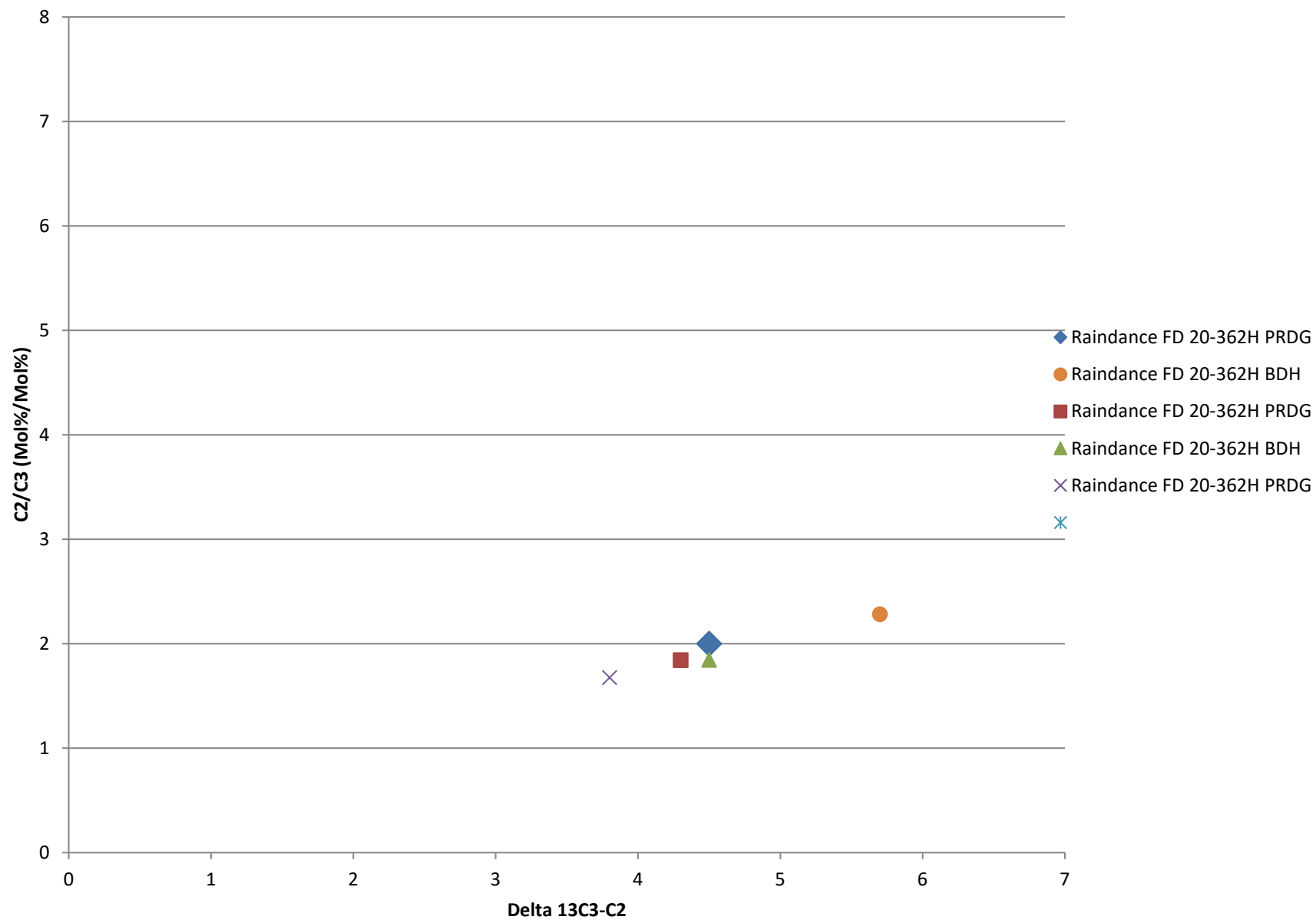
## Bradenhead Test Summary



# Delta 13C2/Delta 13C3



## Delta13 C2/C3 vs. Delta 13C3-C2





## Delta 13 IC4/ Delta NC4

