Nonlinear Least Squares Fit $B_1 = 1.5 \mu T$ $B_1 = 3.0 \mu T$ $B_1 = 5.0 \mu T$ $B_1 = 7.5 \mu T$

offset [ppm]

1.0

8.0

0.6

0.4

0.2

0.0

6

Z-value [a.u.]