

Supplementary Data

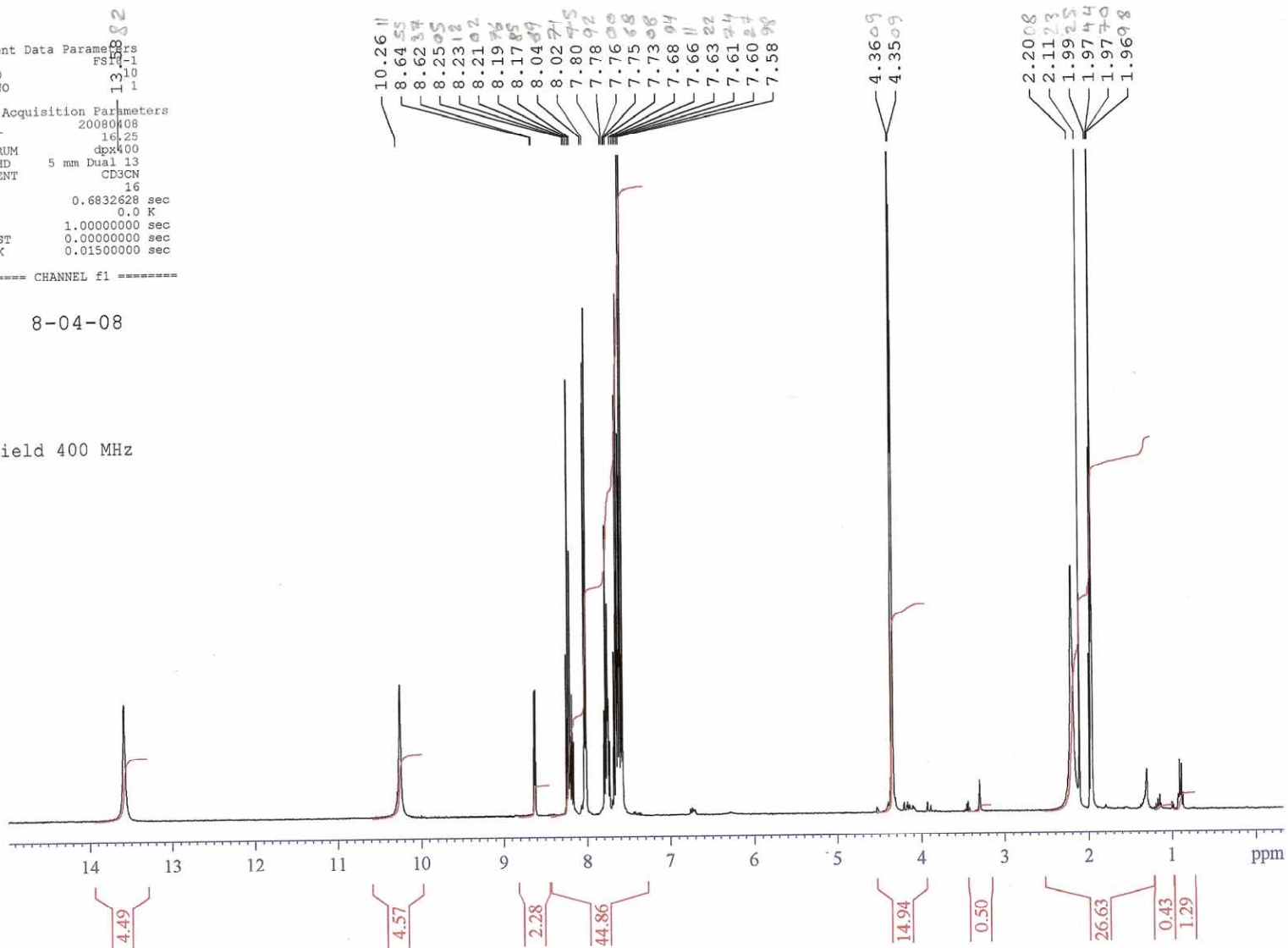
^1H NMR for $[\text{ZnL}^1]^{2+}$ in CD_3CN

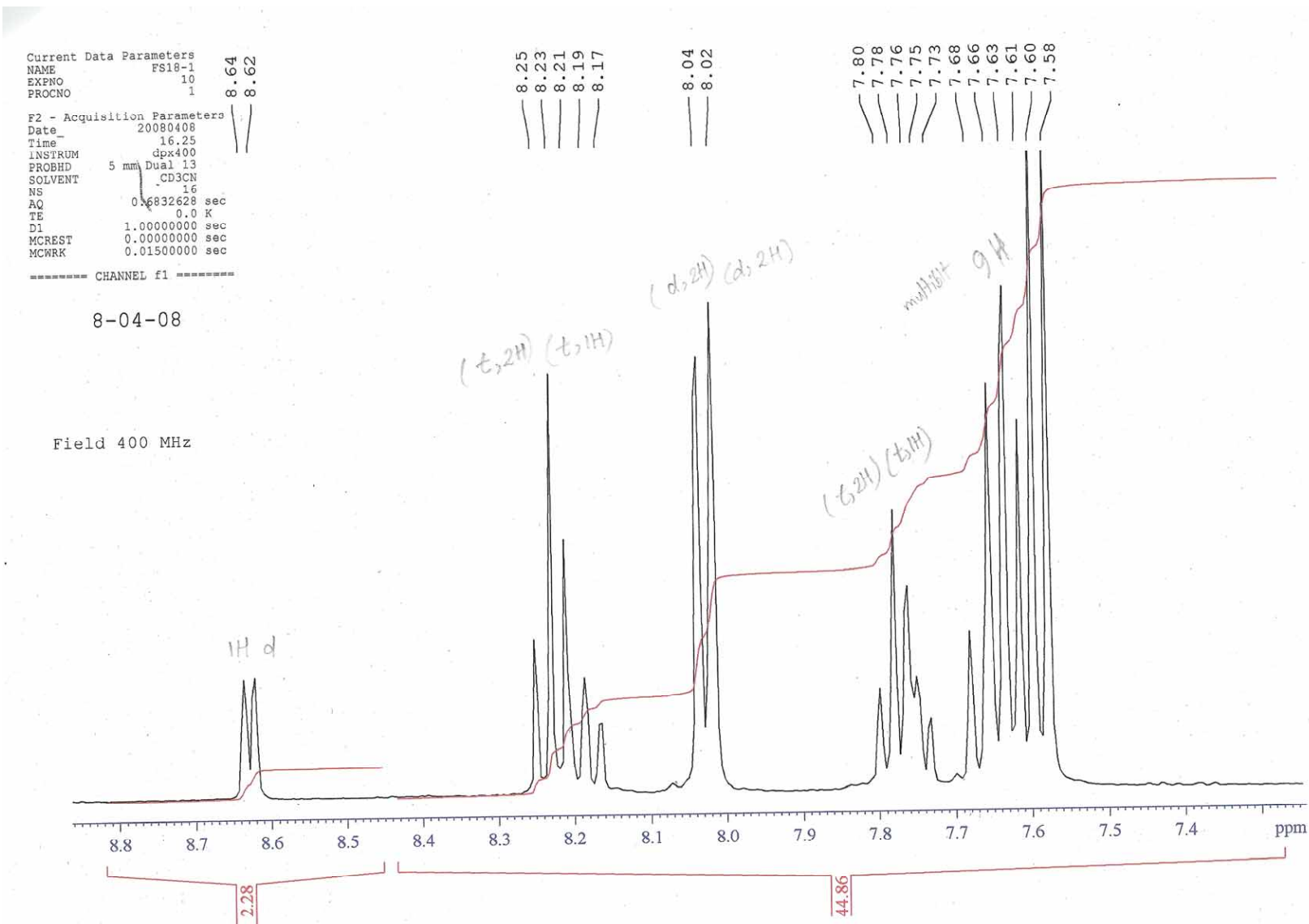
Current Data Parameters
NAME FS-1
EXPNO 13
PROCNO 1
F2 - Acquisition Parameters
Date_ 20080408
Time 16.25
INSTRUM dpx400
PROBHD 5 mm Dual 13
SOLVENT CD3CN
NS 16
AQ 0.6832628 sec
TE 0.0 K
D1 1.00000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec

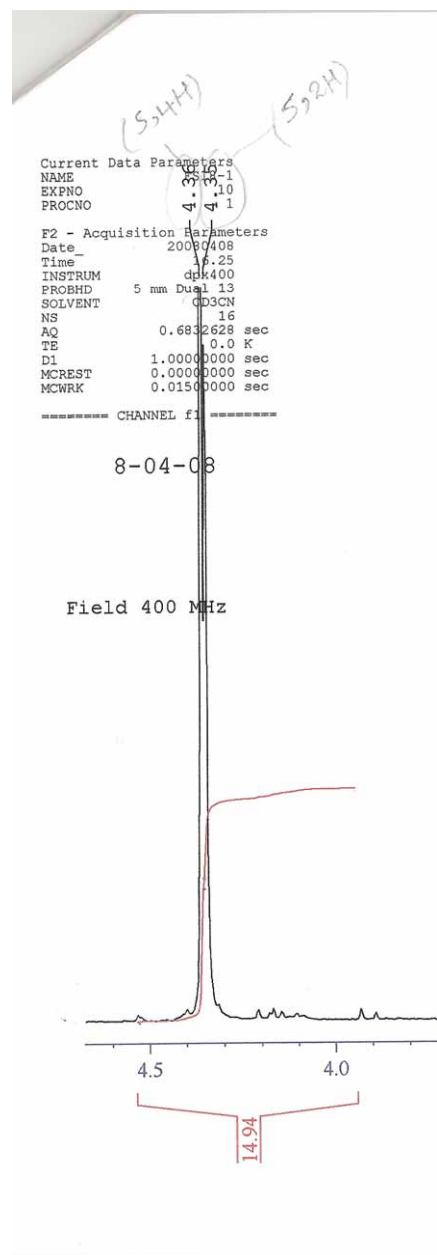
----- CHANNEL f1 -----

8-04-08

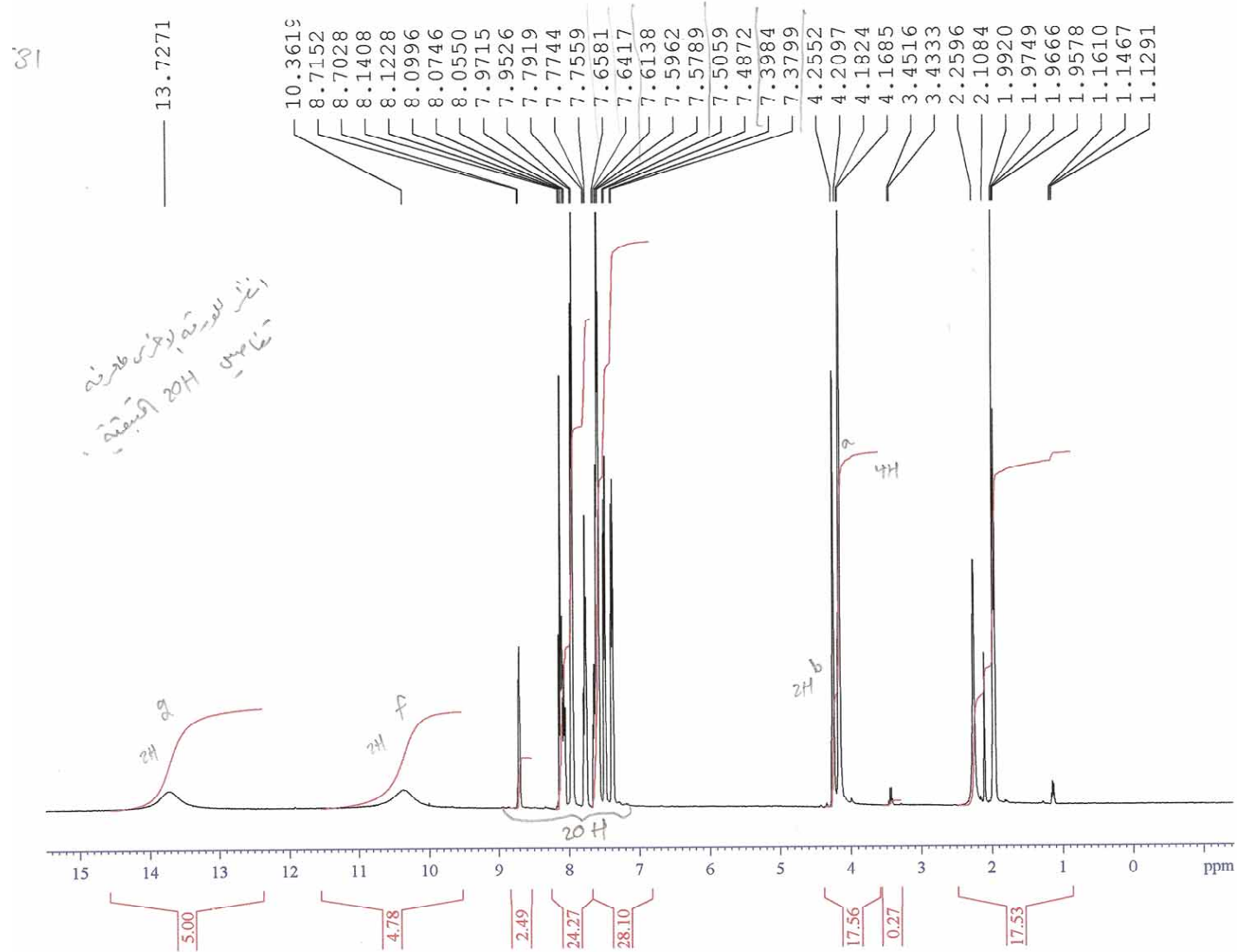
Field 400 MHz

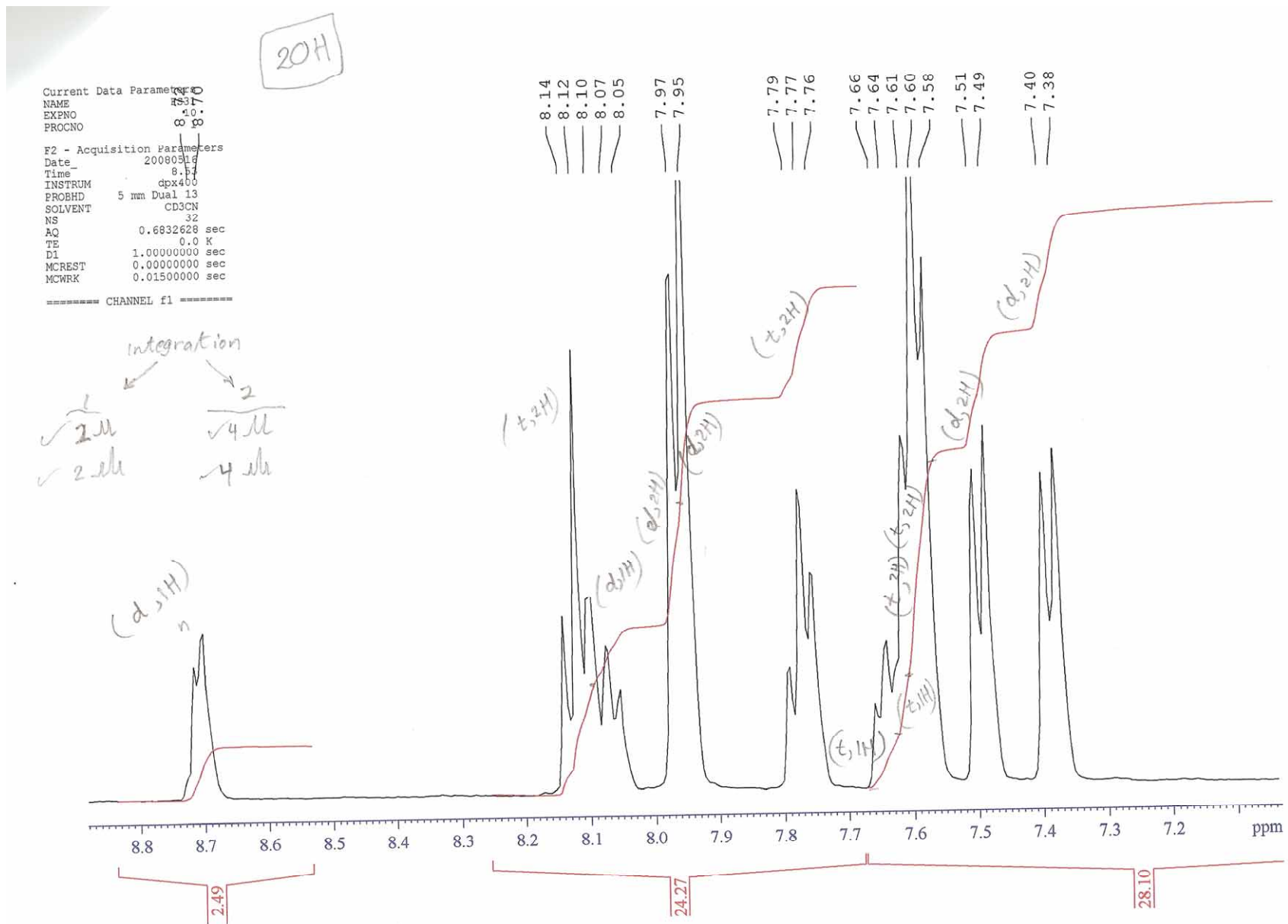


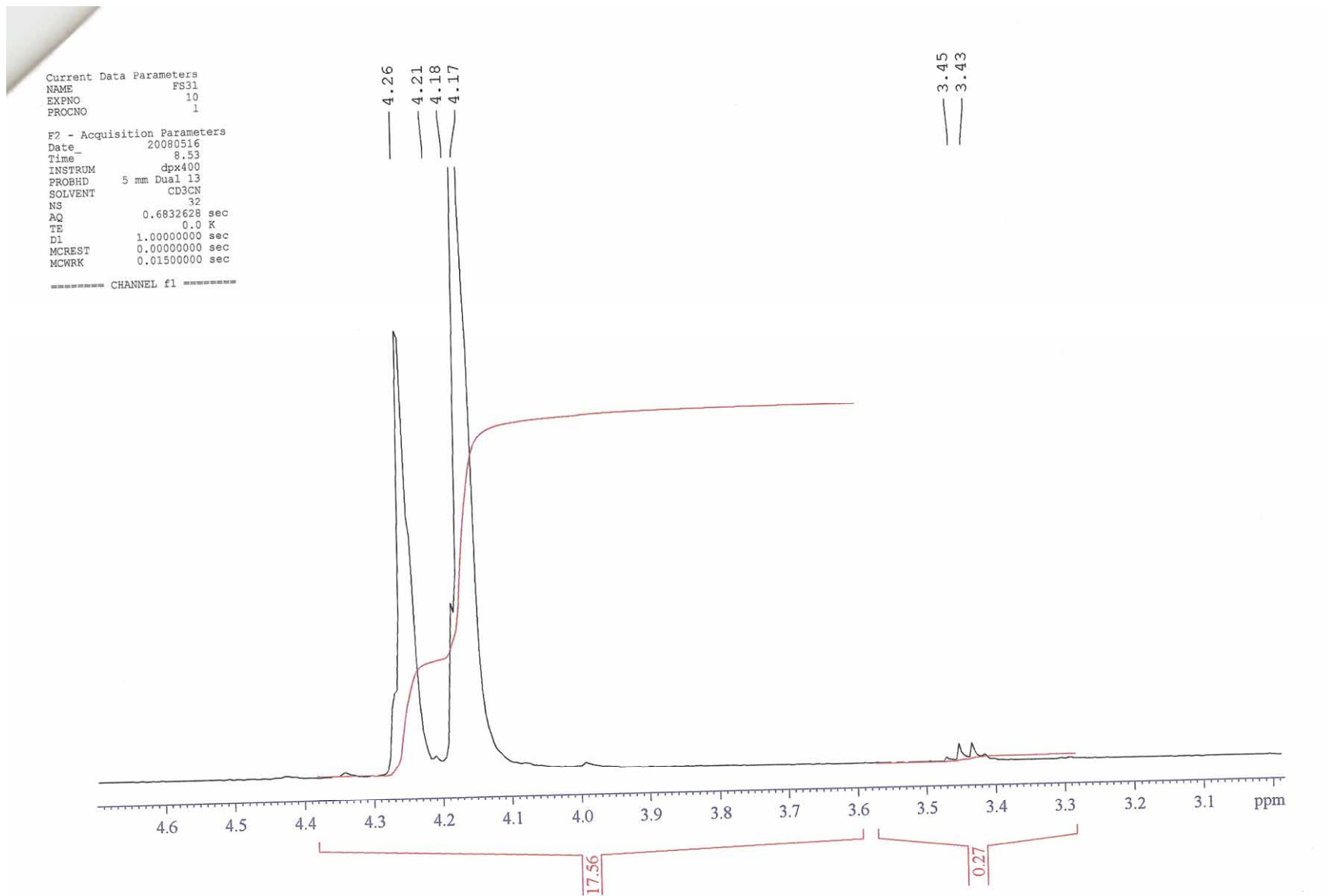




$^1\text{H NMR}$ for $[\text{CdL}^1]^{2+}$ in CD_3CN







Overlaid ^{13}C NMR of the Zn and Cd Species:

