Supporting Information for

Glucosamine conjugates bearing *N,N,O*-donors: Potential imaging agents utilizing the $[M(CO)_3]^+$ core (M = Re, Tc)

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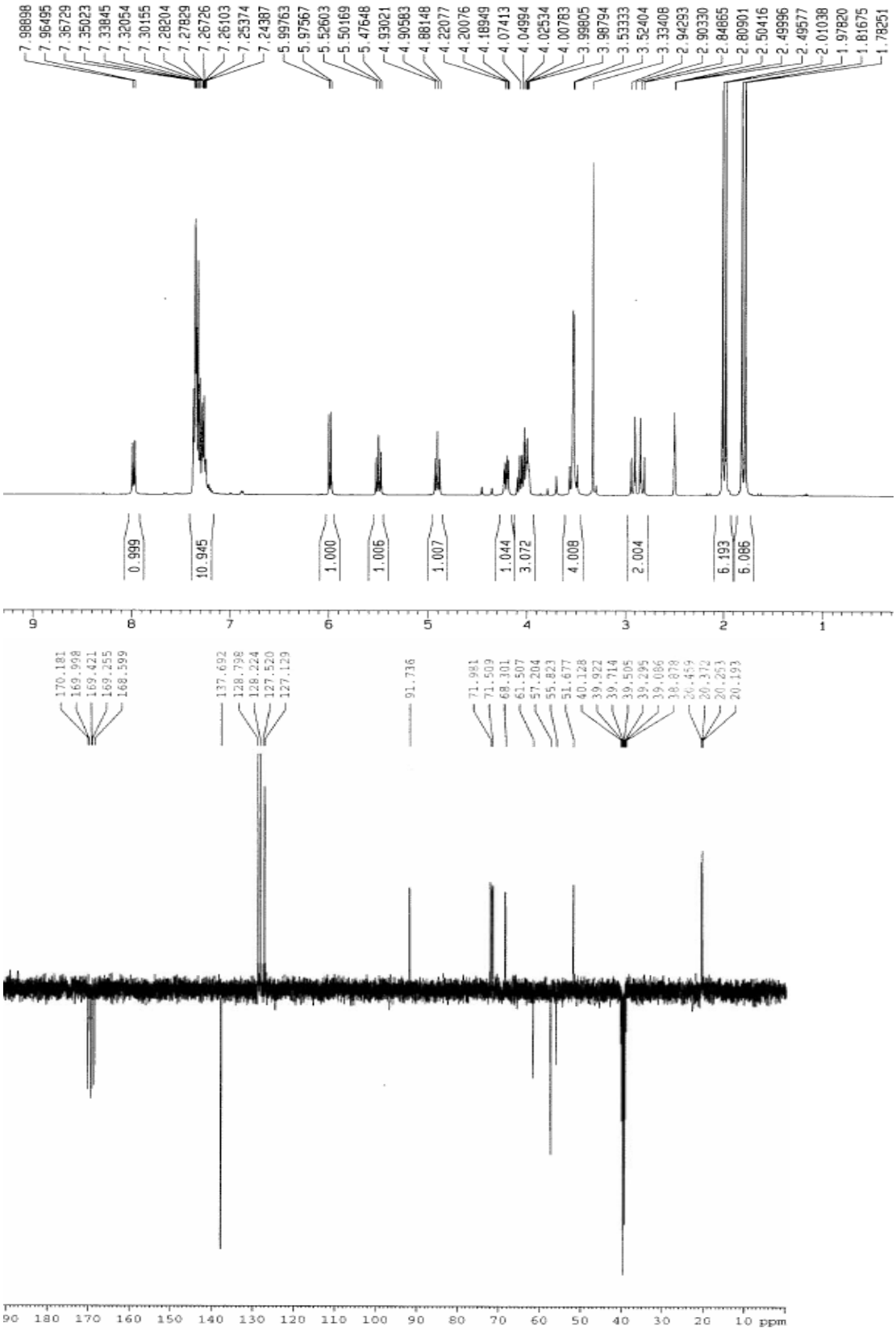

Figure 1. ^{1}H (above) and ^{13}C APT (below) NMR spectra of compound **2**.

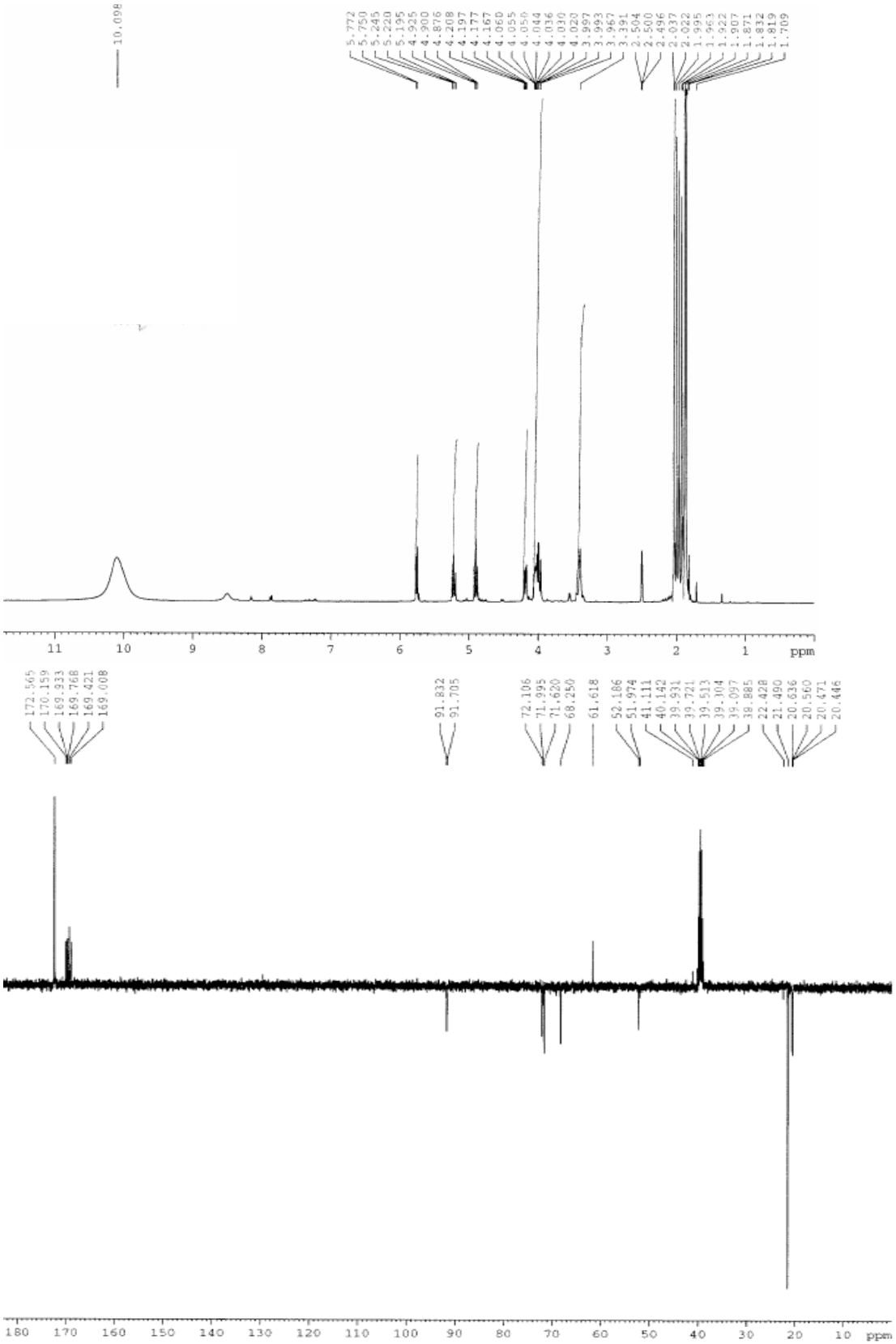

Figure 2. ^{1}H (above) and ^{13}C APT (below) NMR spectra of compound **3**.

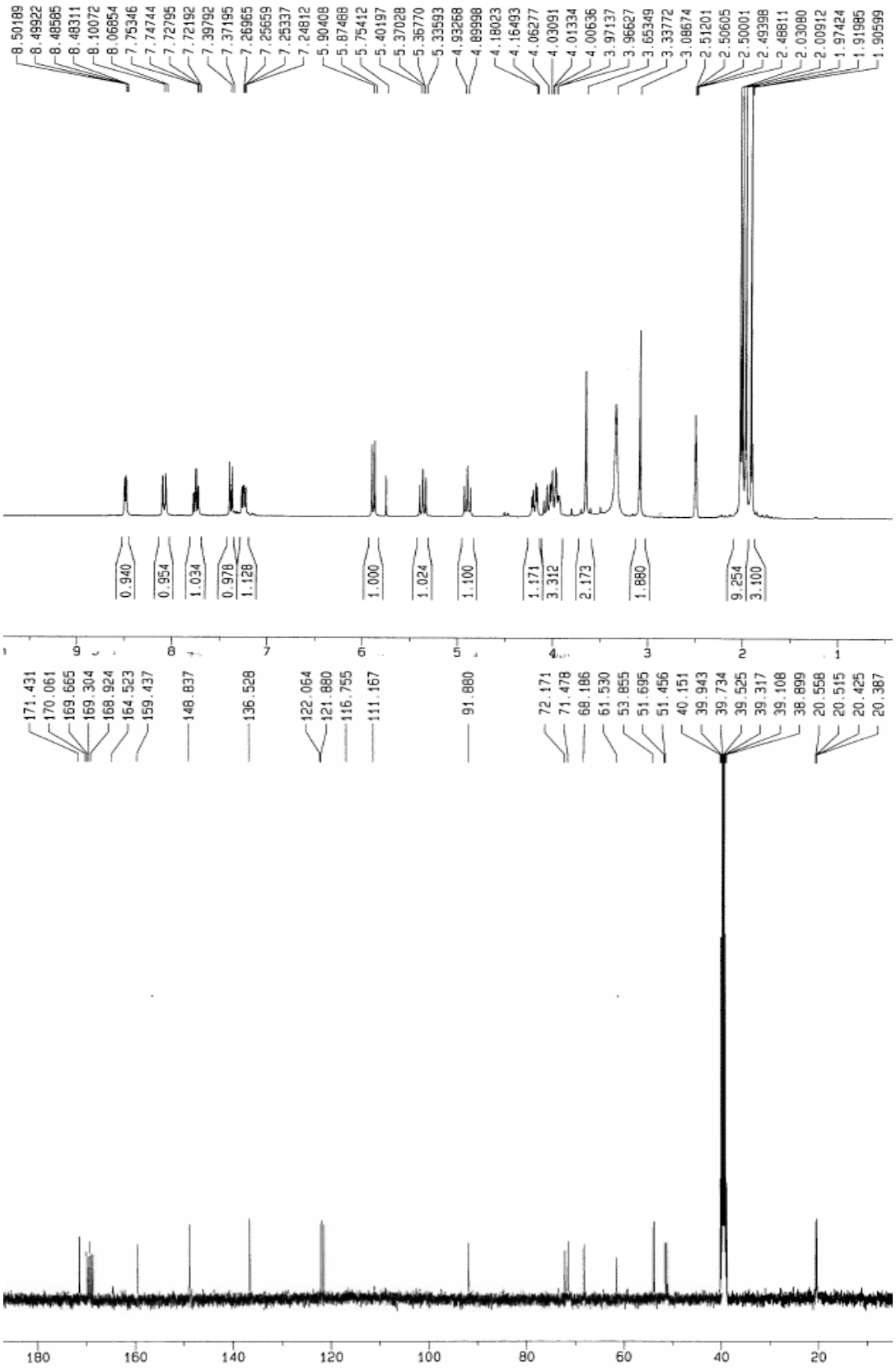

Figure 3. ^{1}H (above) and ^{13}C (below) NMR spectra of compound **4**.

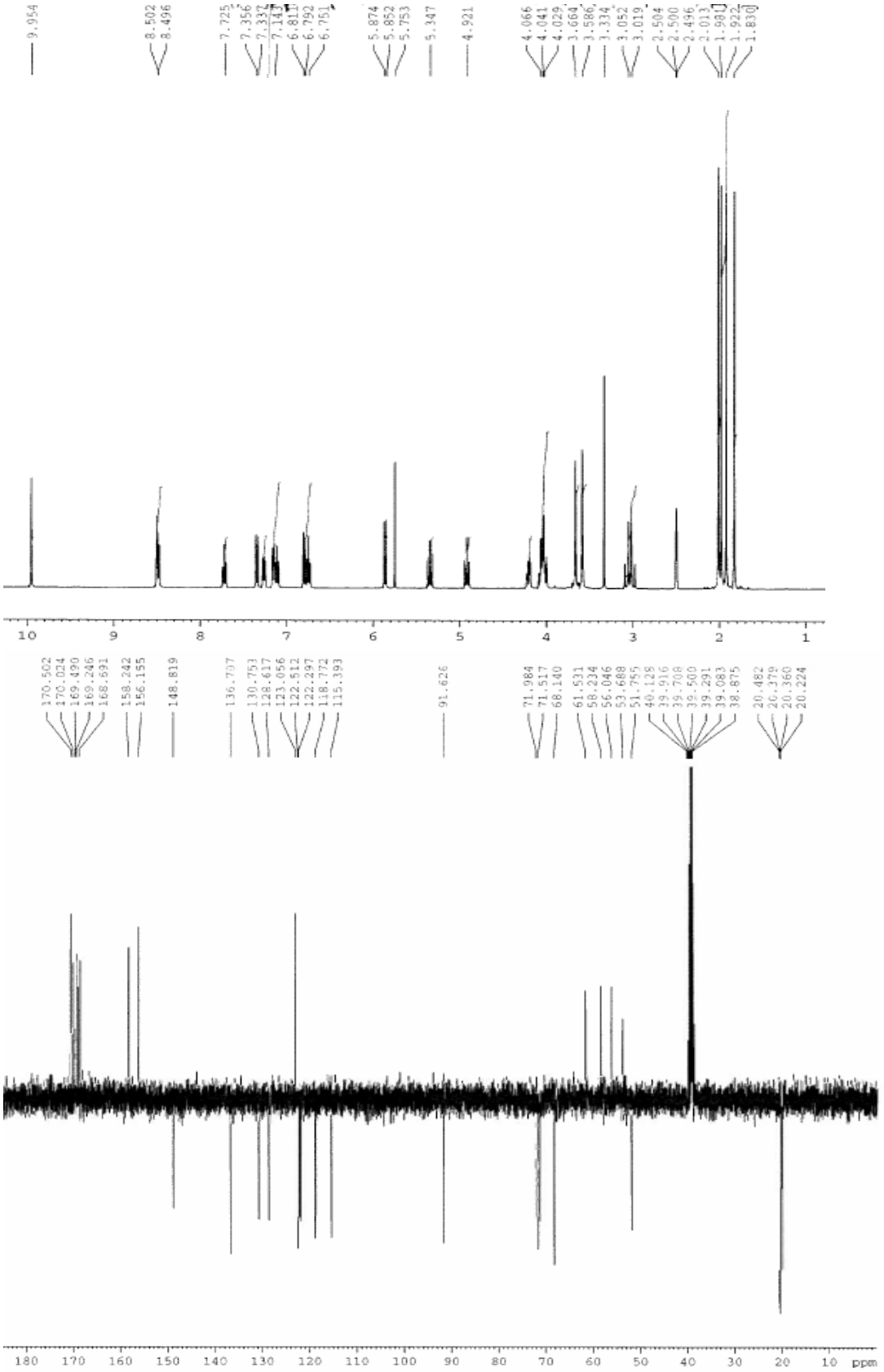

Figure 4. ^{1}H (above) and ^{13}C APT (below) NMR spectra of compound **5**.

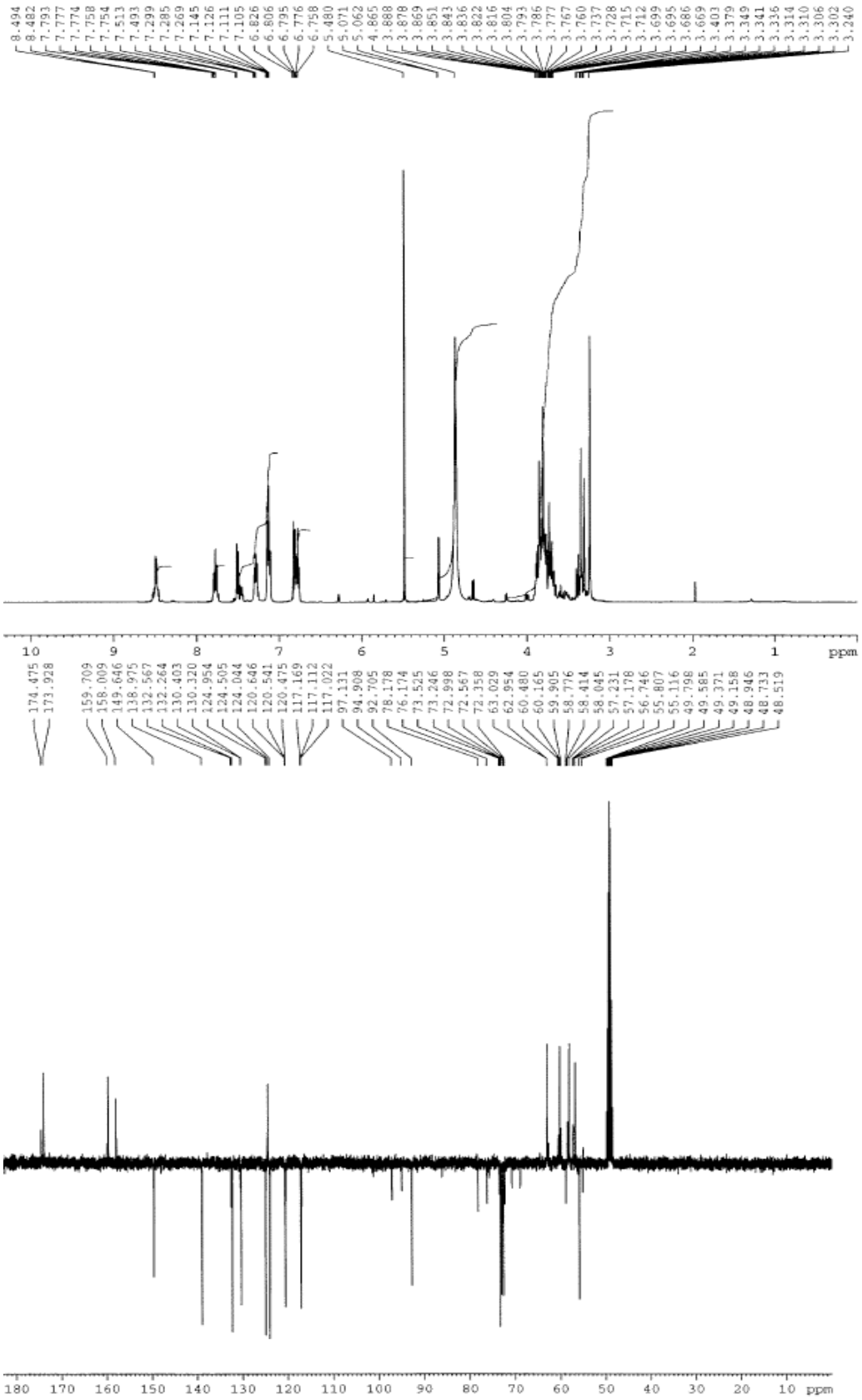

Figure 5. ^{1}H (above) and ^{13}C APT (below) NMR spectra of compound **6**.

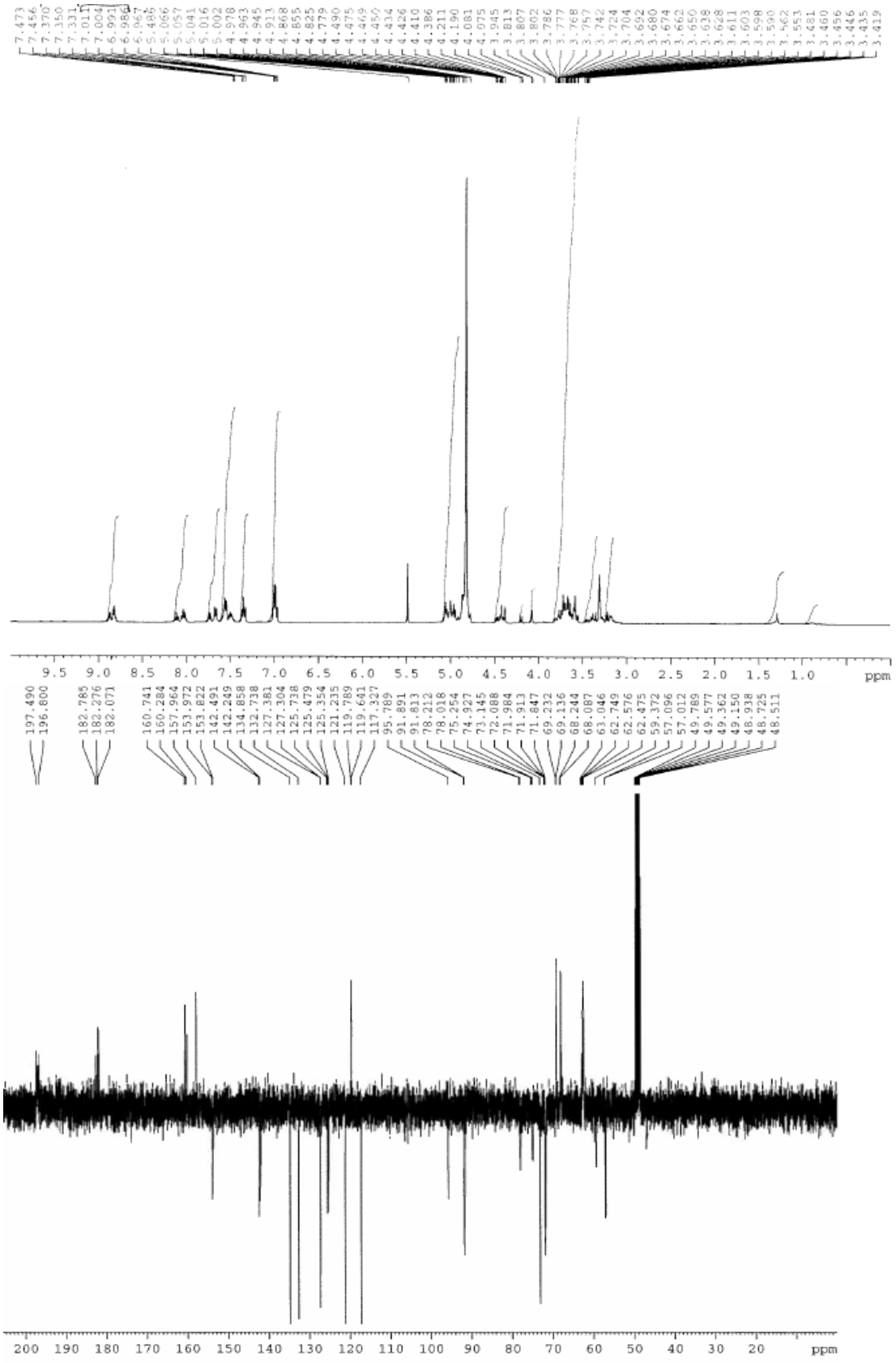

Figure 6. ^{1}H (above) and ^{13}C APT (below) NMR spectra of compound **6-Re(CO)$_3$**.

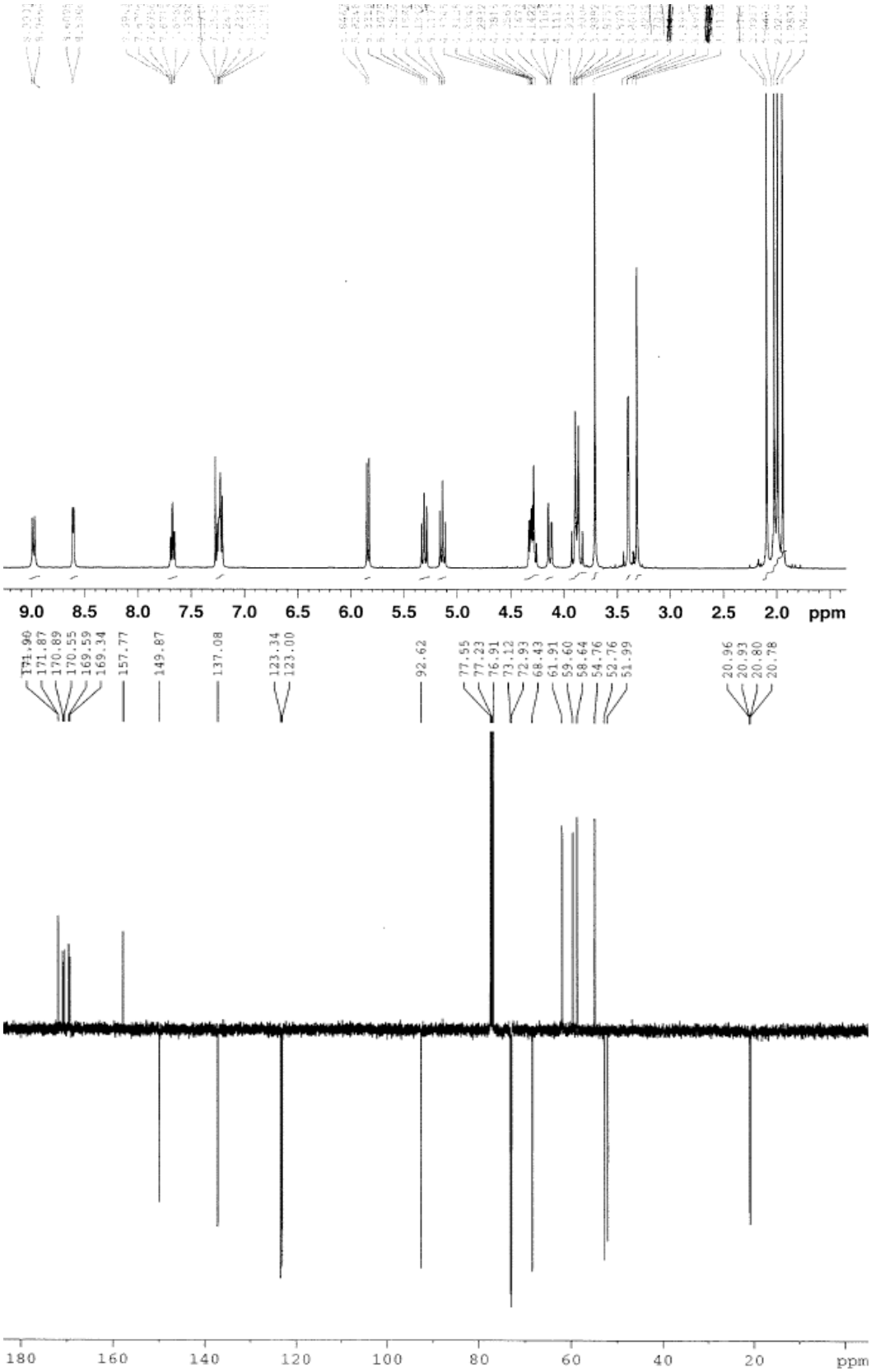

Figure 7. ^{1}H (above) and ^{13}C APT (below) NMR spectra of compound **7**.

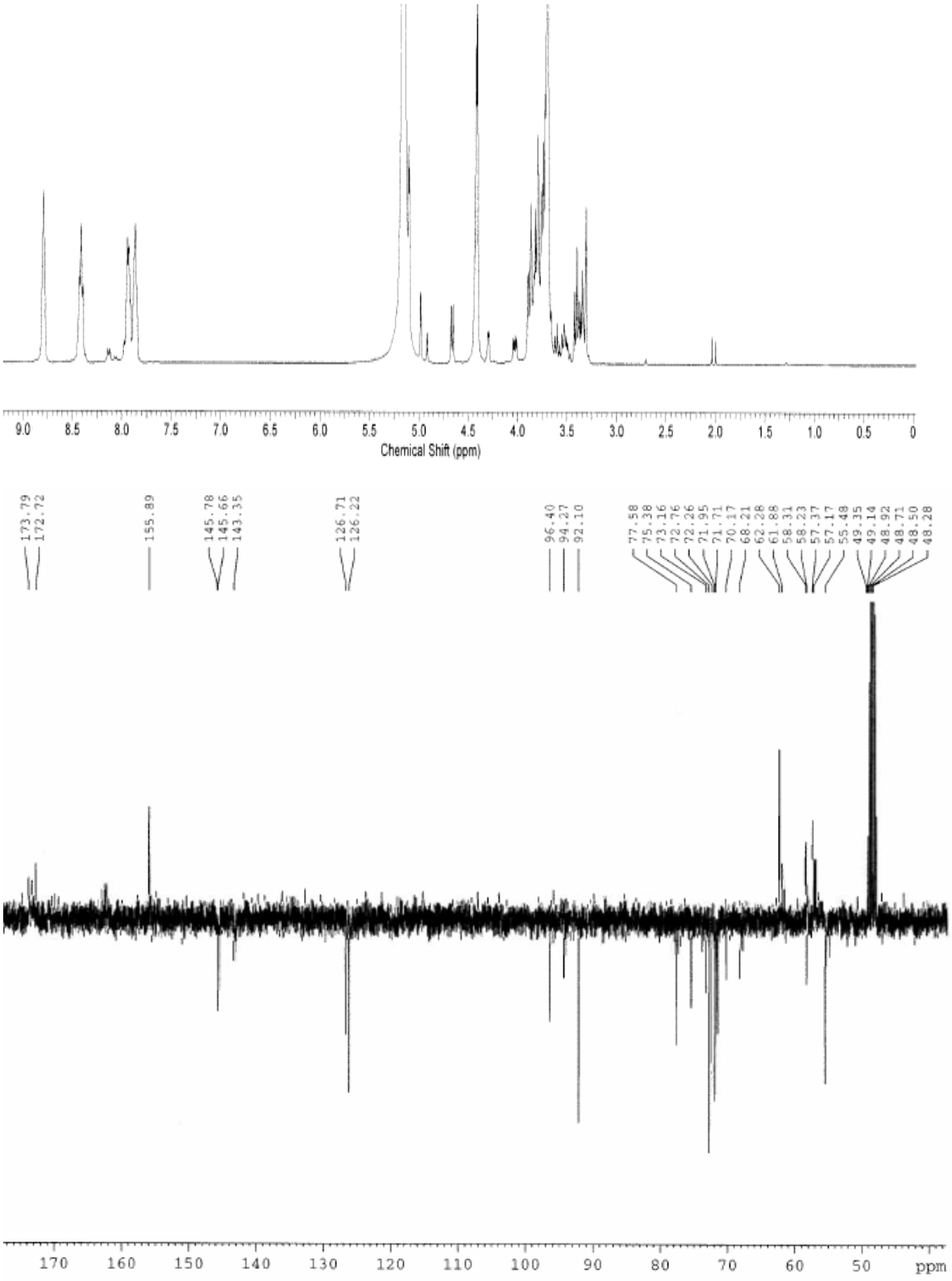

Figure 8. ^{1}H (above) and ^{13}C APT (below) NMR spectra of compound **8**.

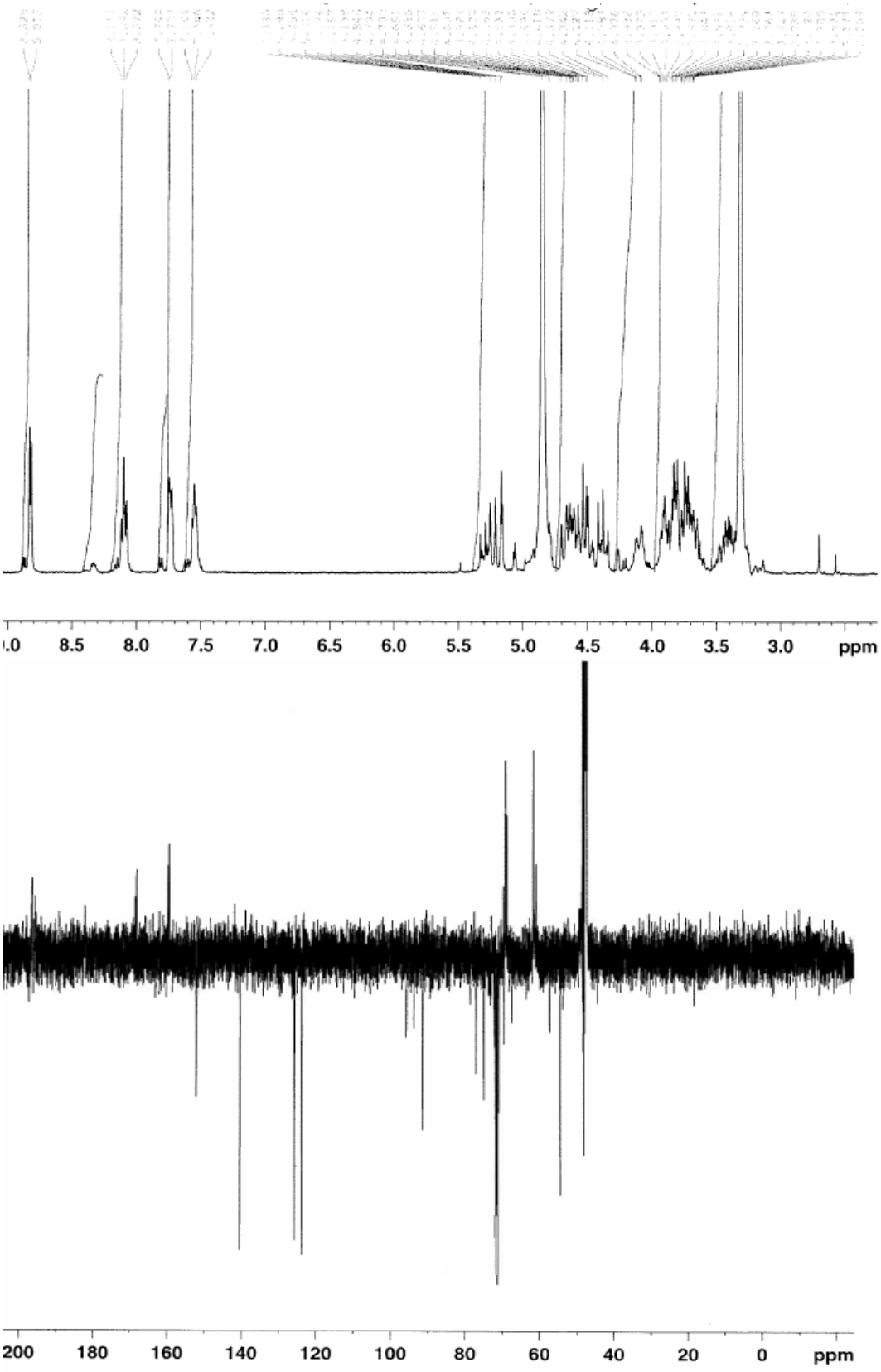

Figure 9. ^{1}H (above) and ^{13}C APT (below) NMR spectra of compound **8-Re(CO)$_3$**.

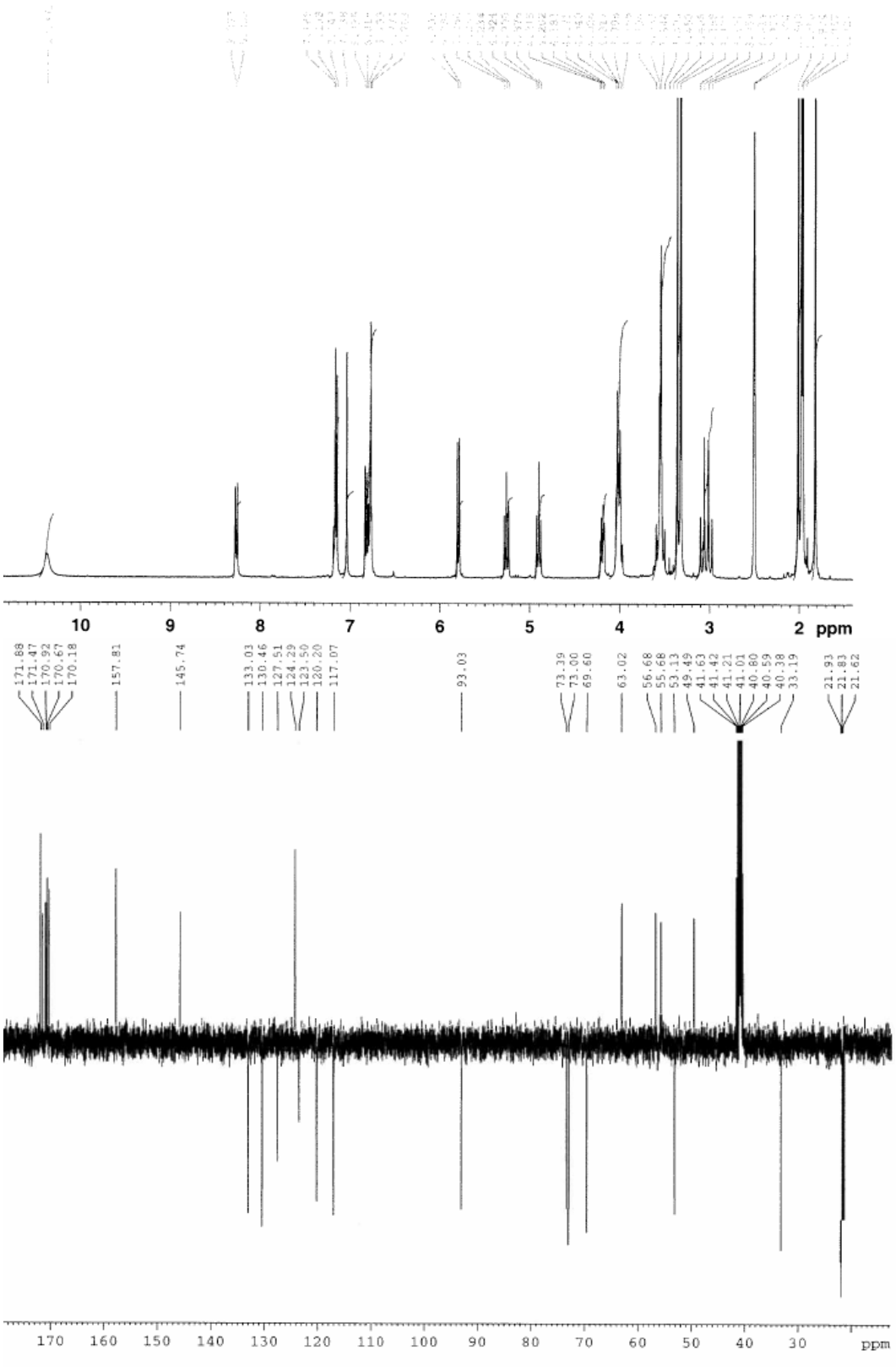

Figure 10. ^{1}H (above) and ^{13}C APT (below) NMR spectra of compound **10**.

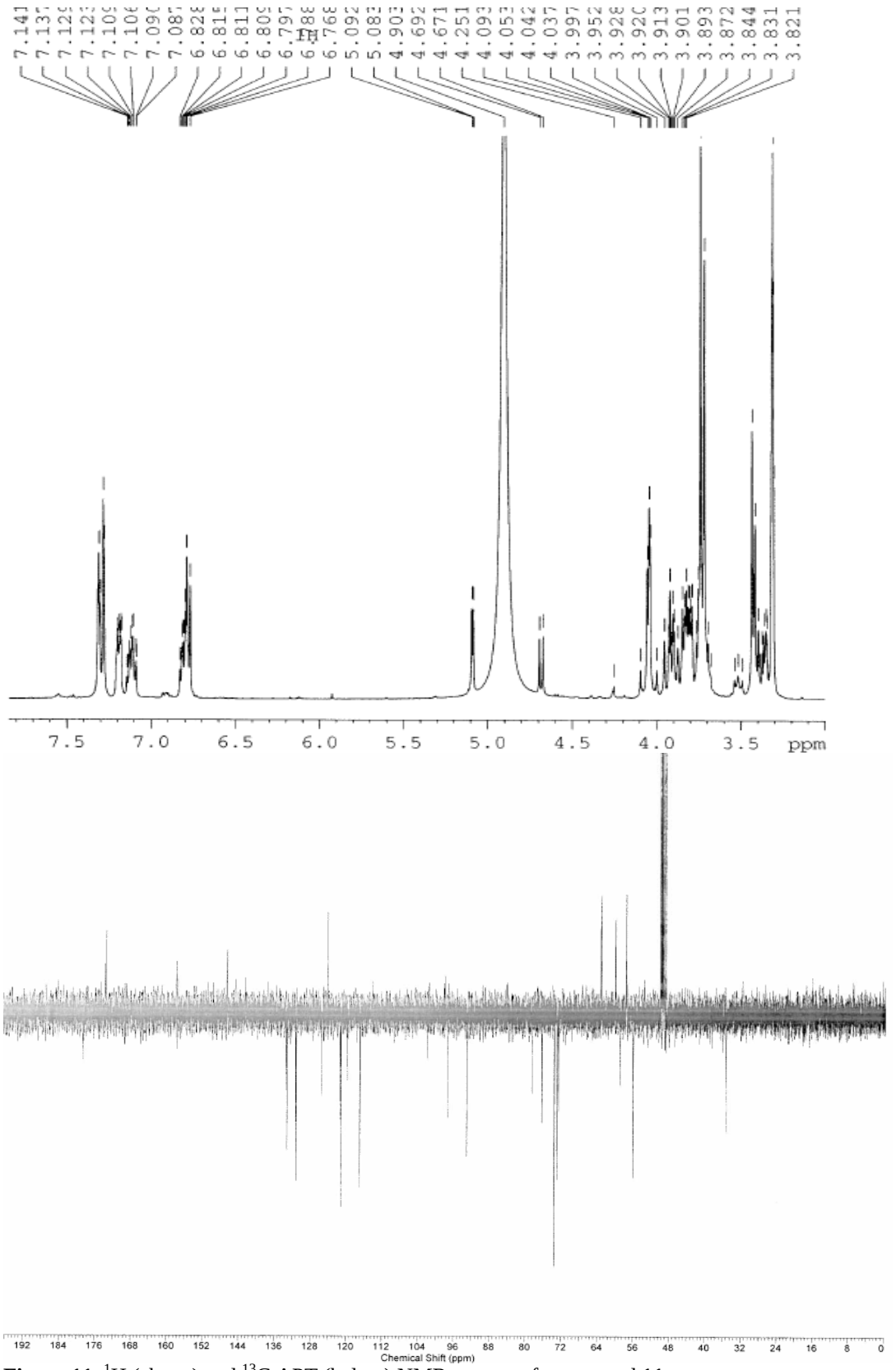

Figure 11. ^{1}H (above) and ^{13}C APT (below) NMR spectra of compound **11**.

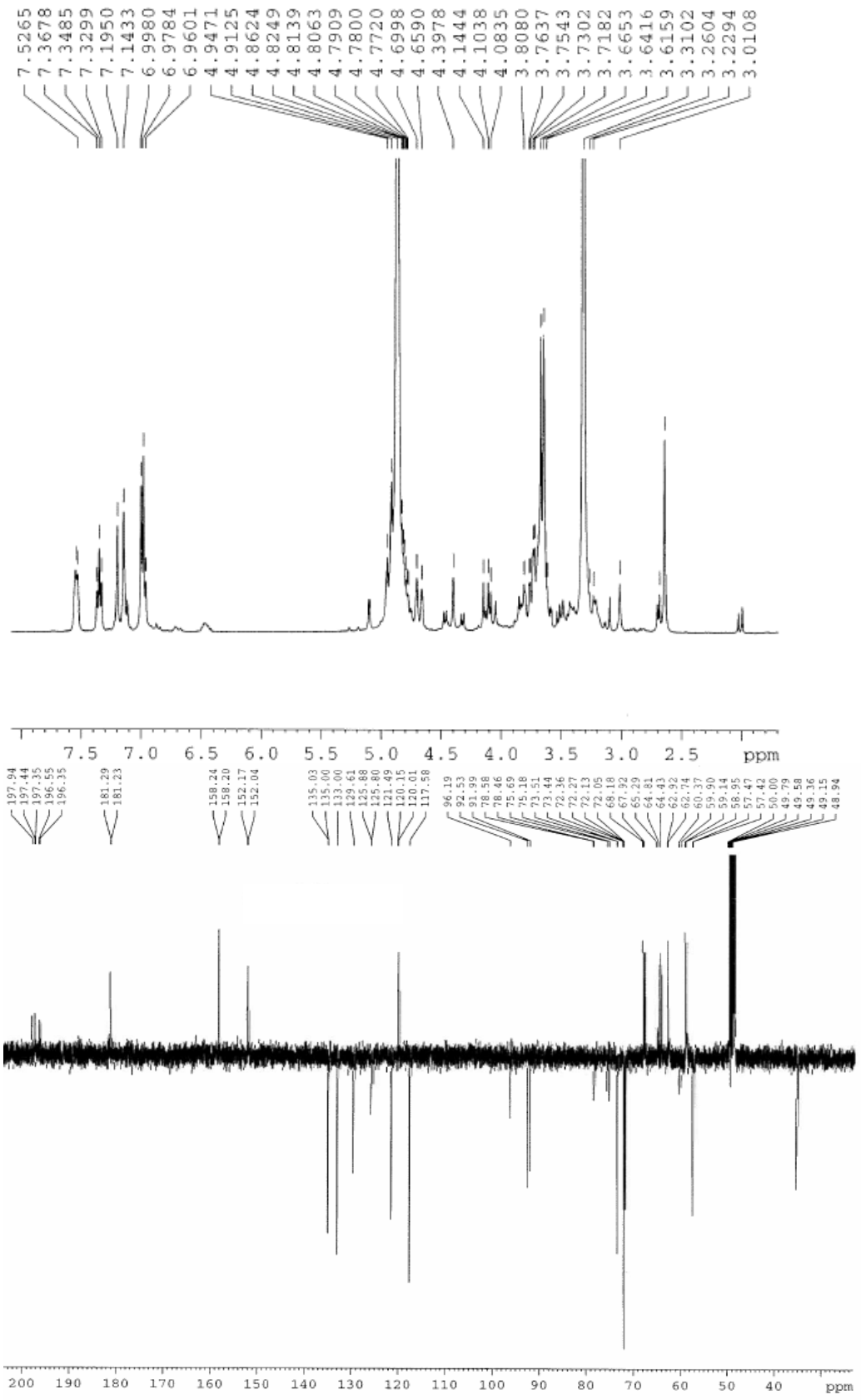

Figure 12. ^{1}H (above) and ^{13}C APT (below) NMR spectra of compound **11-Re(CO)$_3$**.

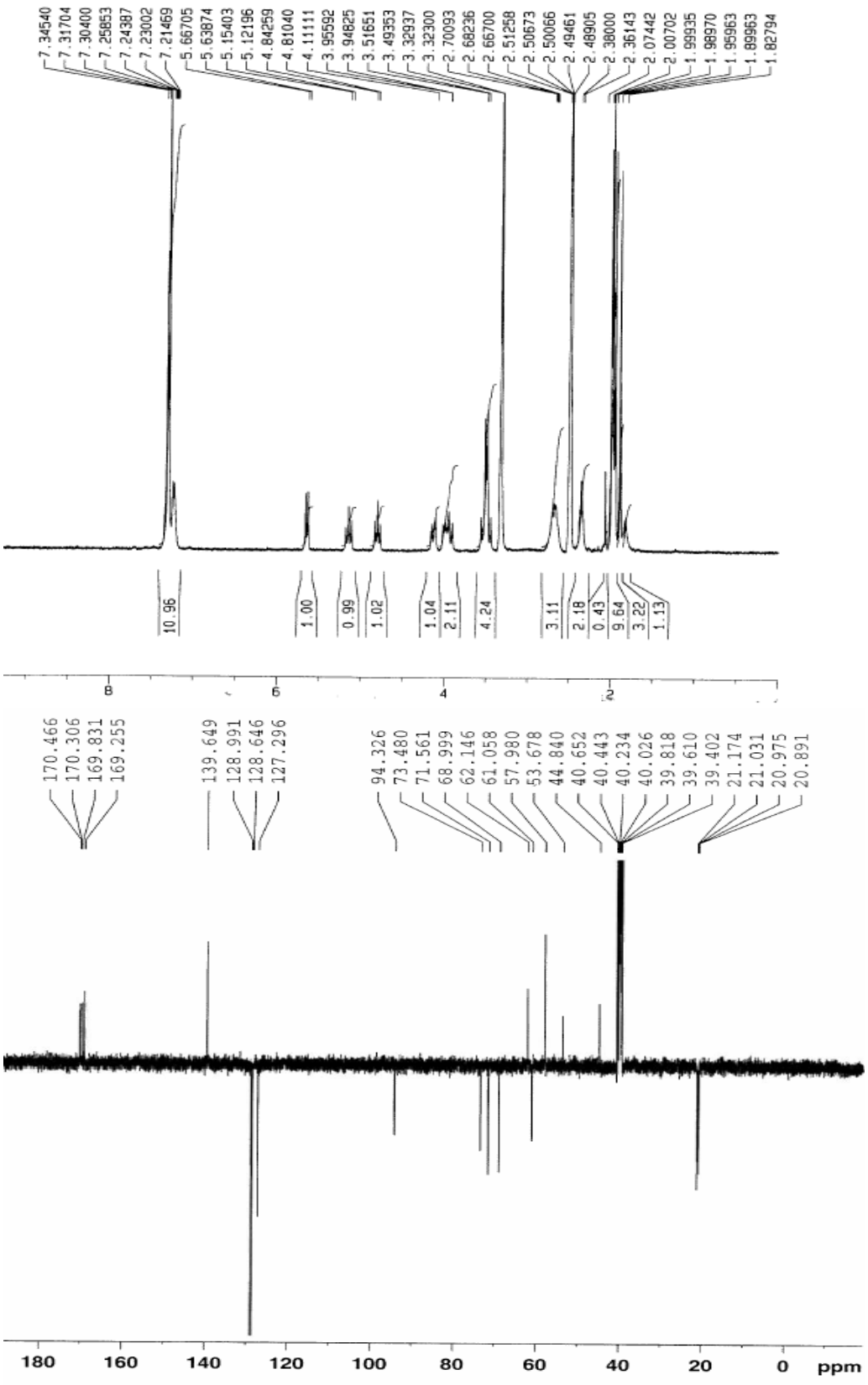

Figure 13. ^{1}H (above) and ^{13}C APT (below) NMR spectra of compound **15**.

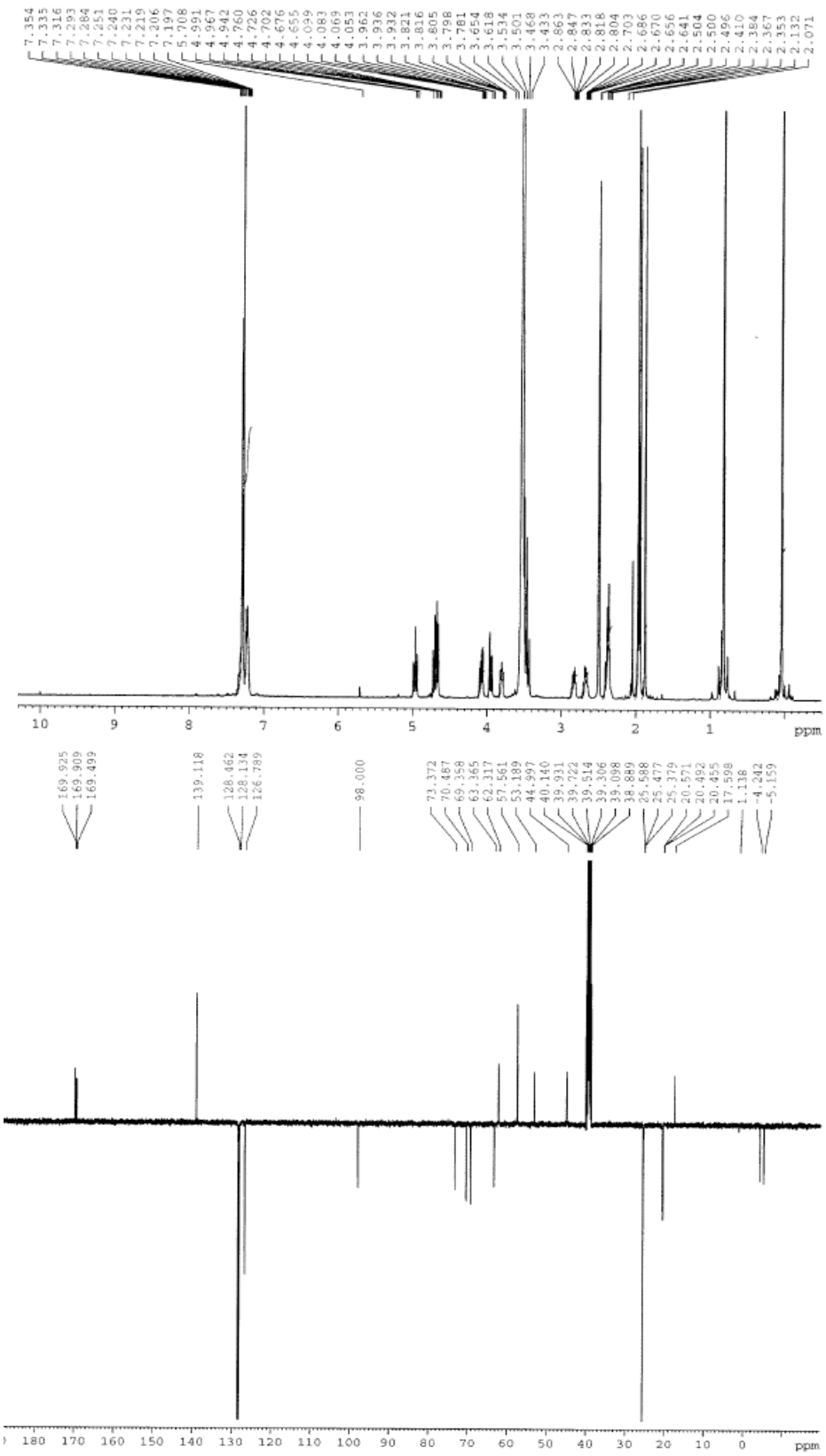

Figure 14. ^{1}H (above) and ^{13}C APT (below) NMR spectra of compound **17**.

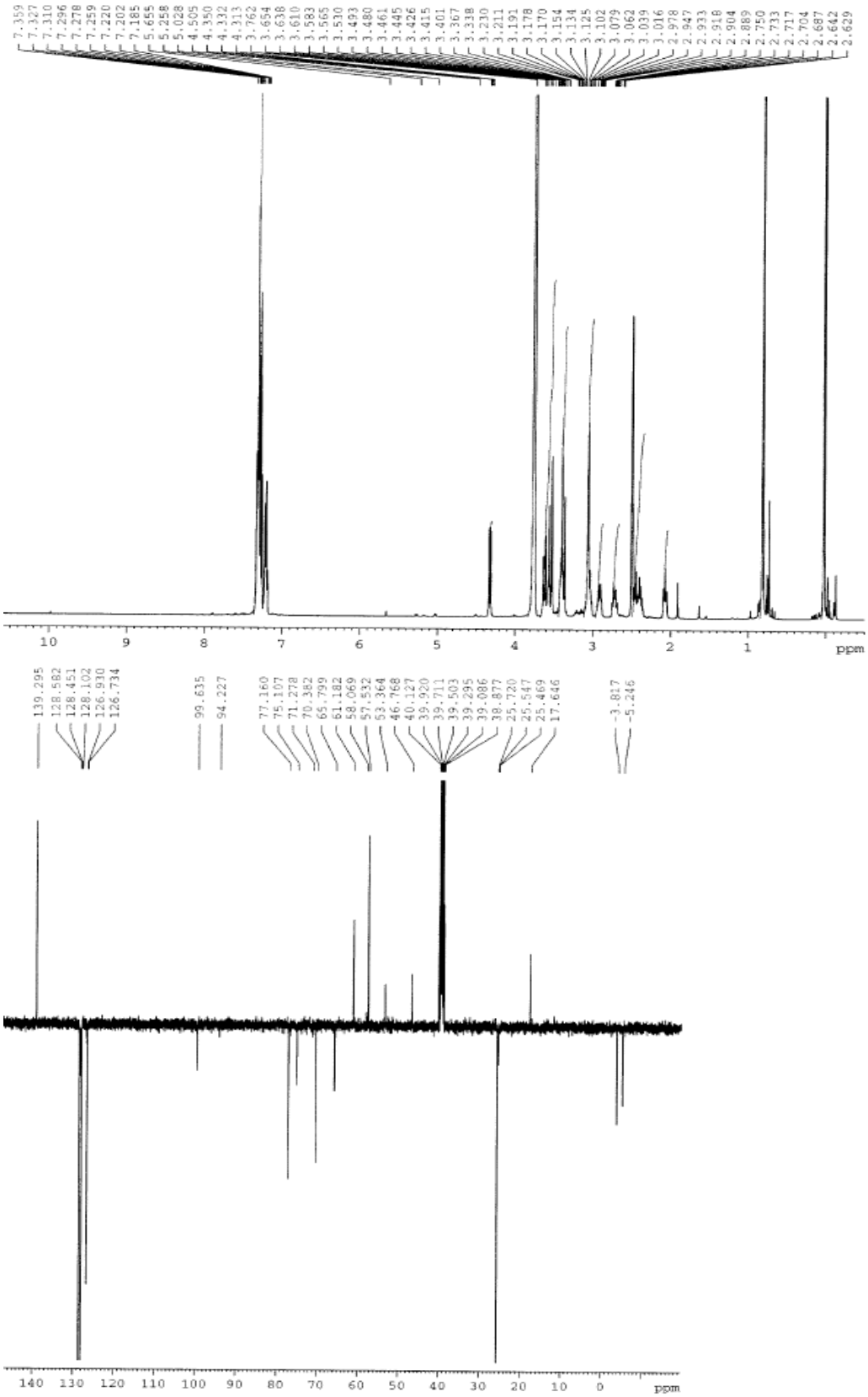

Figure 15. ^{1}H (above) and ^{13}C APT (below) NMR spectra of compound **18**.

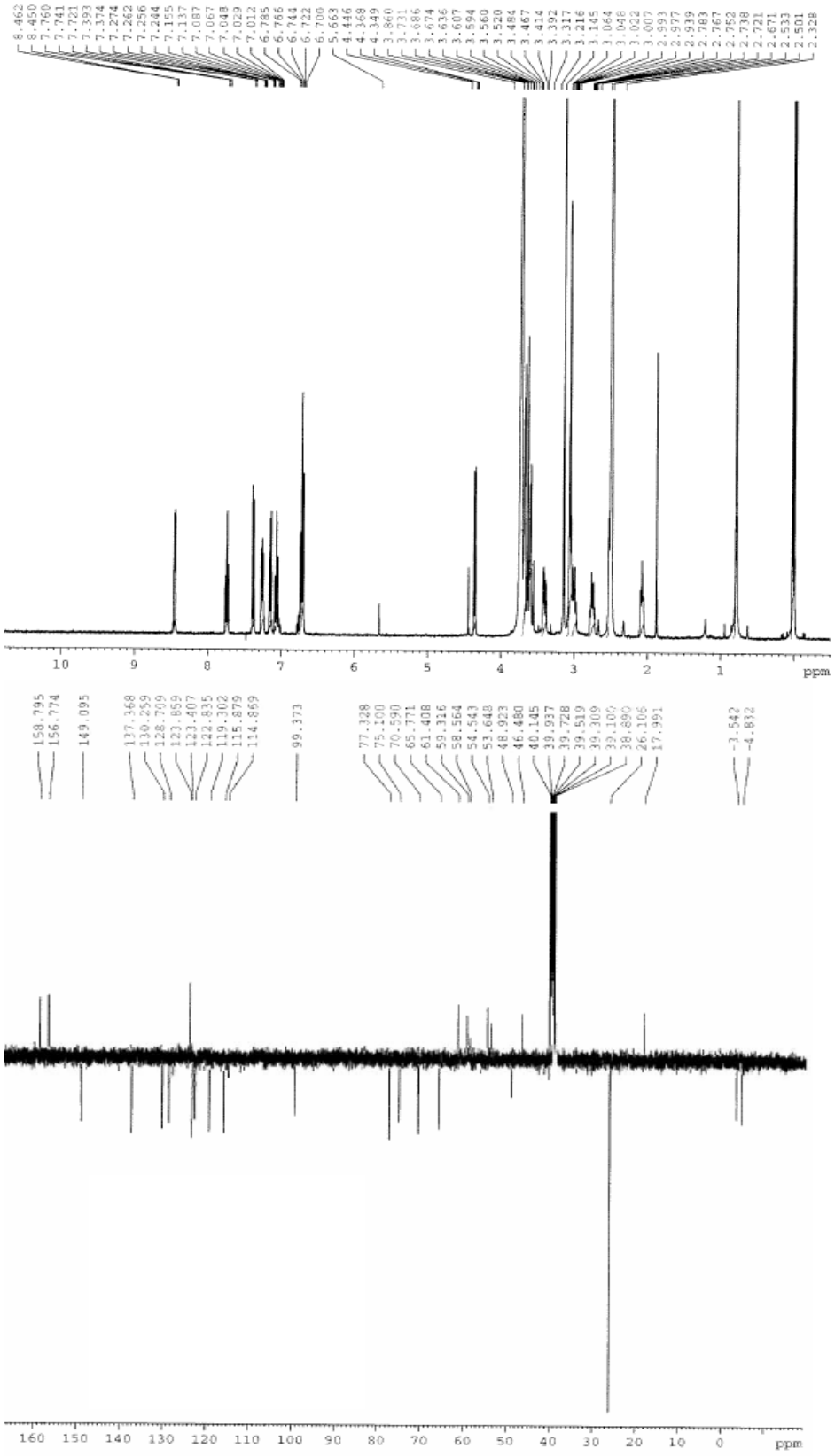

Figure 16. ^{1}H (above) and ^{13}C APT (below) NMR spectra of compound **21**.

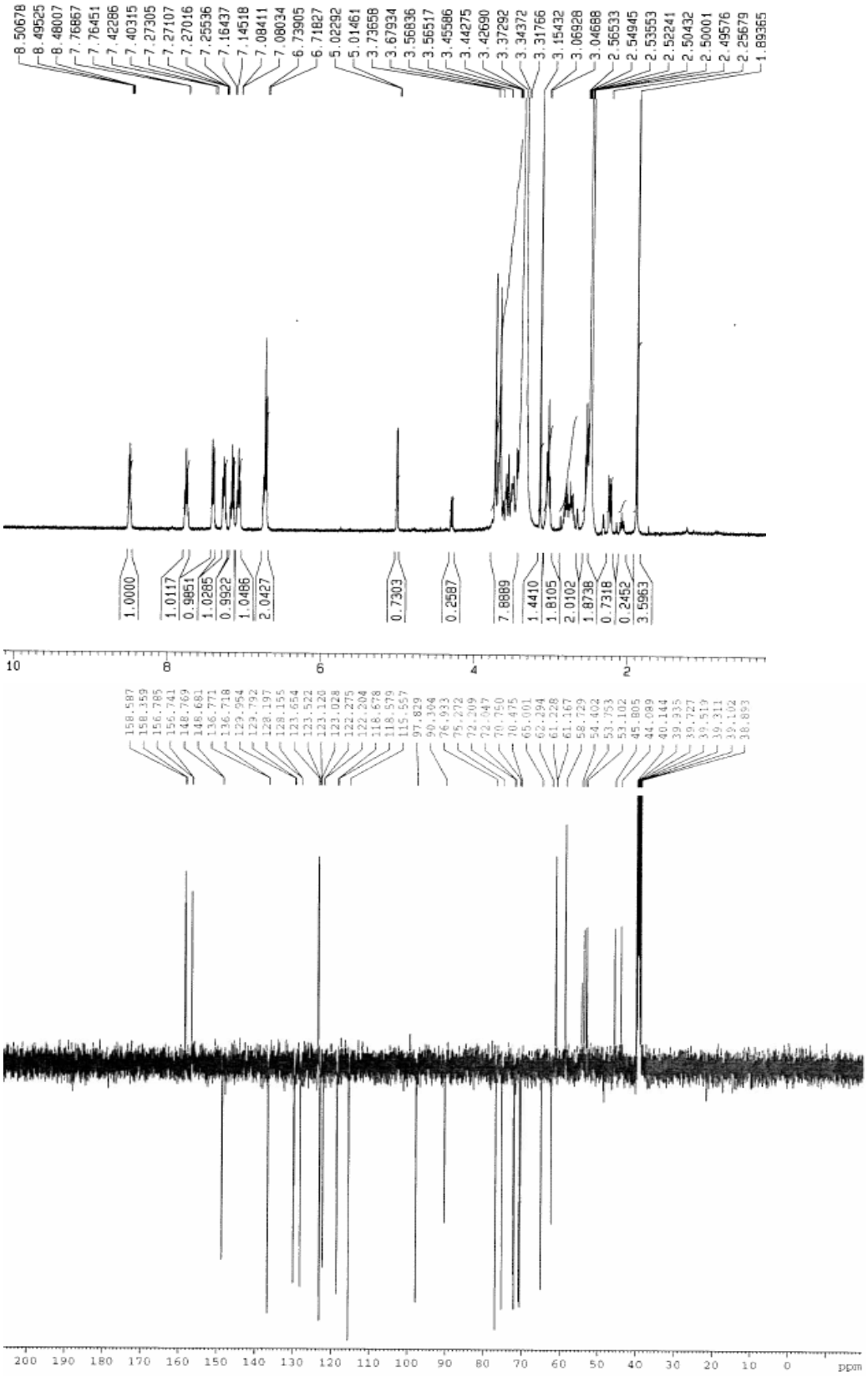

Figure 17. ^{1}H (above) and ^{13}C APT (below) NMR spectra of compound **22**.

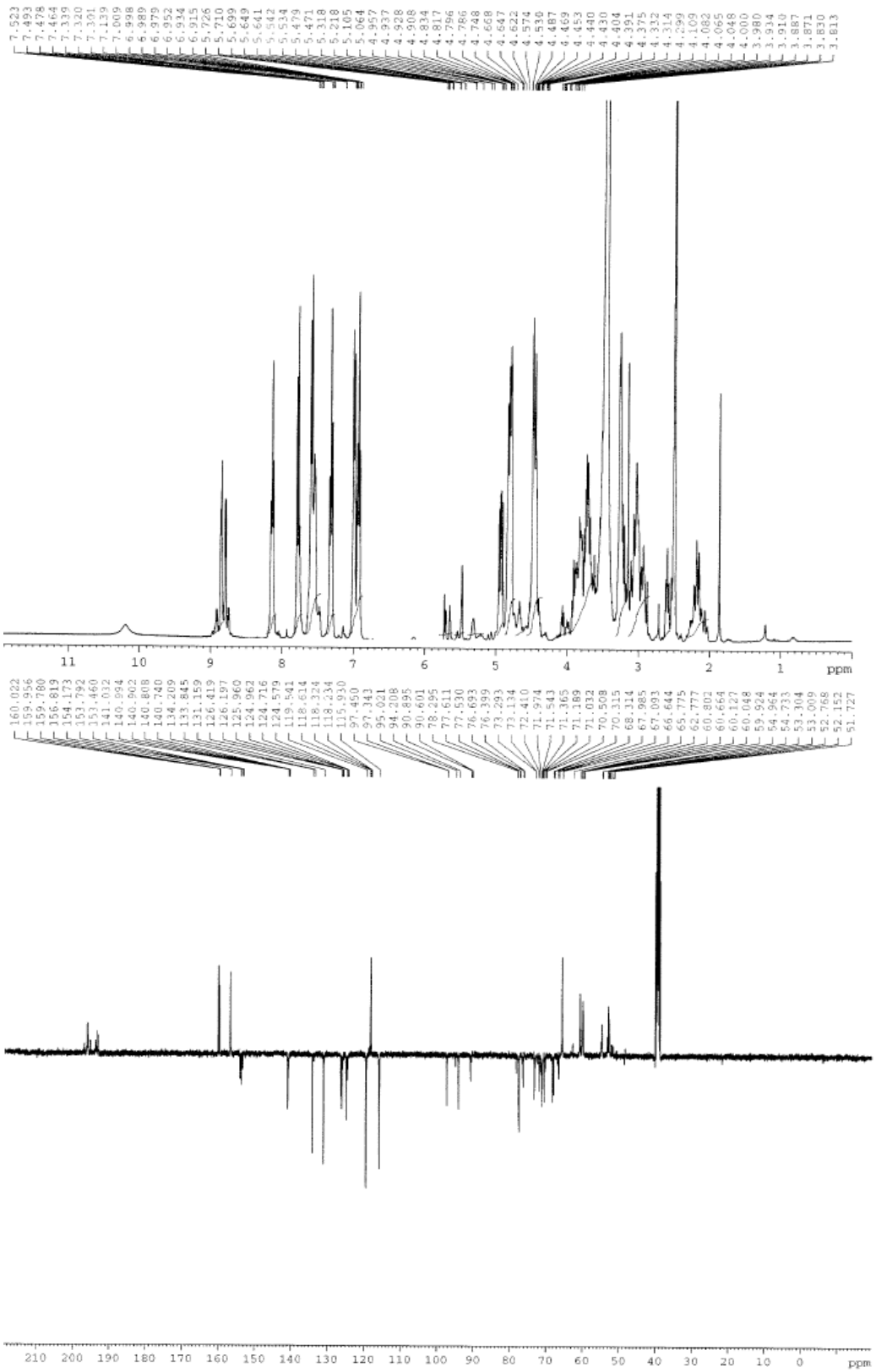

Figure 18. ^{1}H (above) and ^{13}C APT (below) NMR spectra of compound **22-Re(CO)$_3$**.