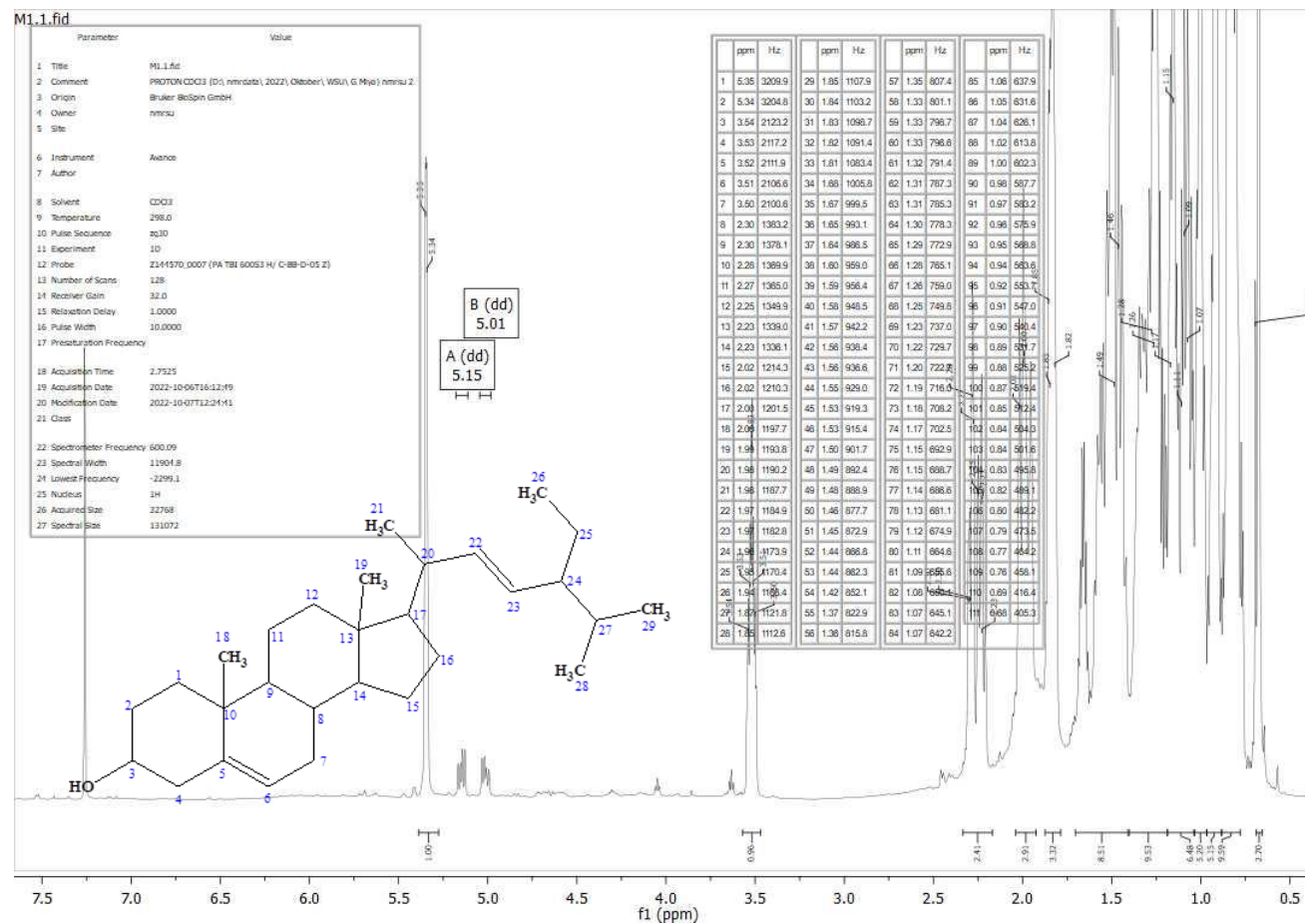
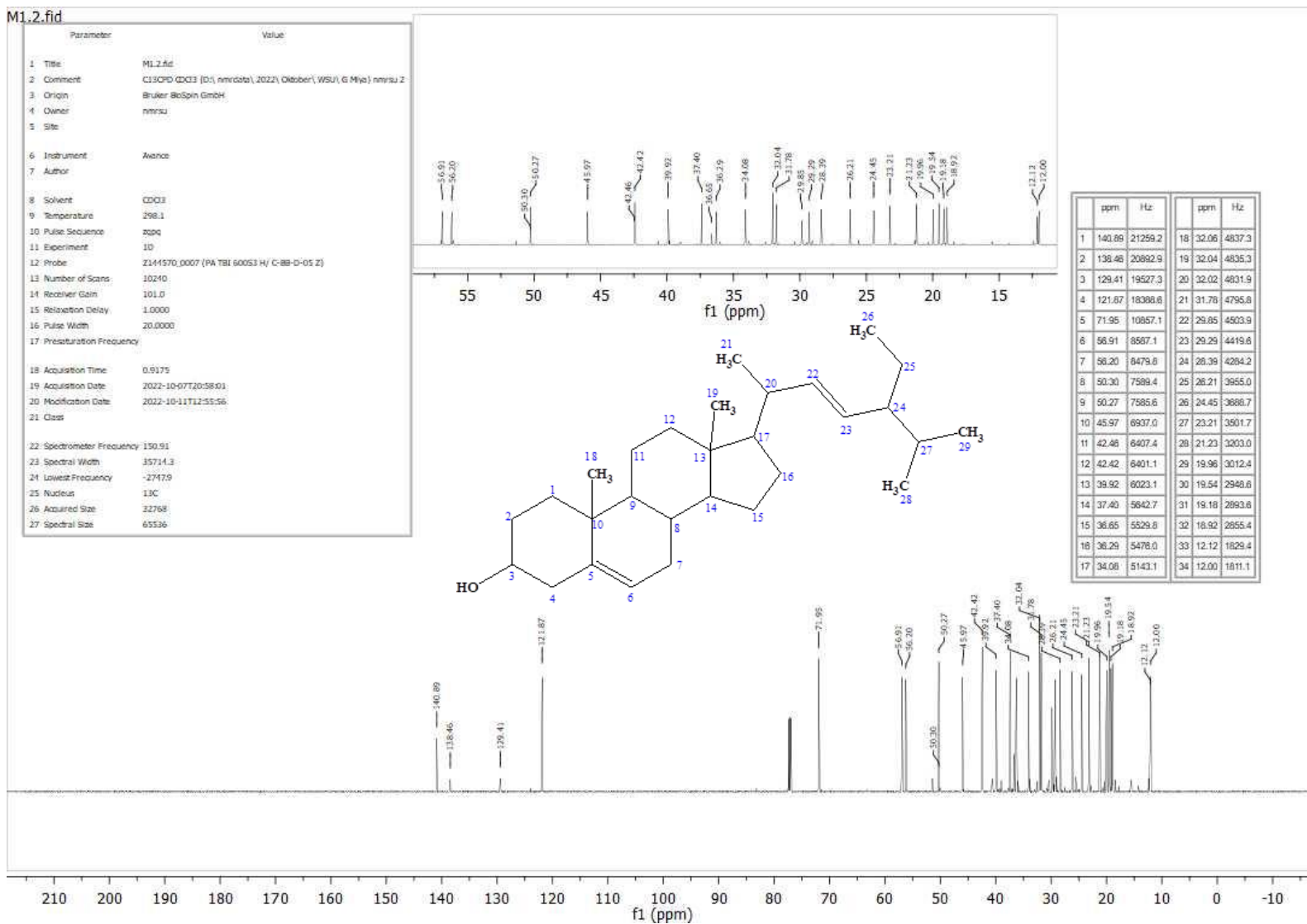


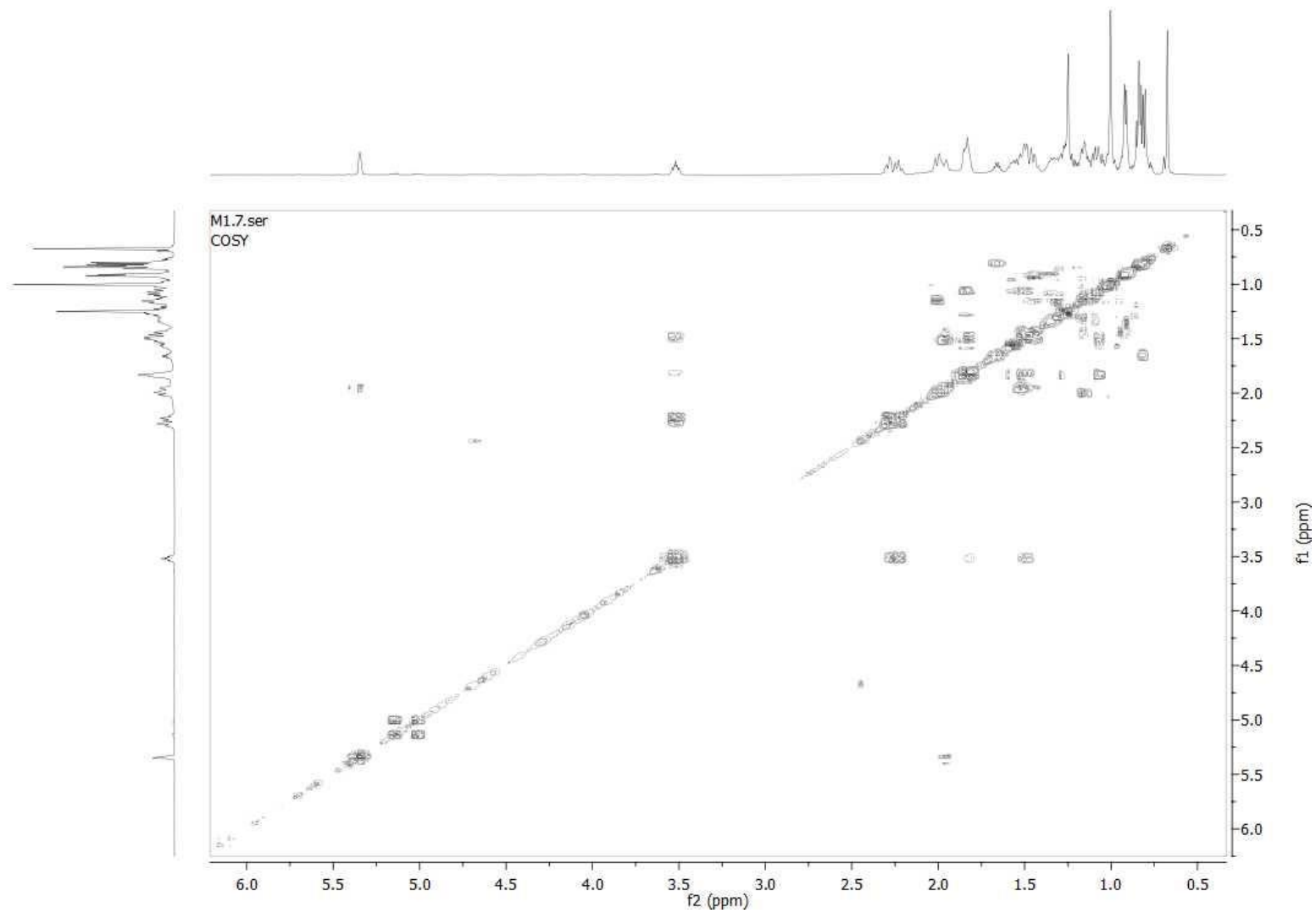
Fig. S1



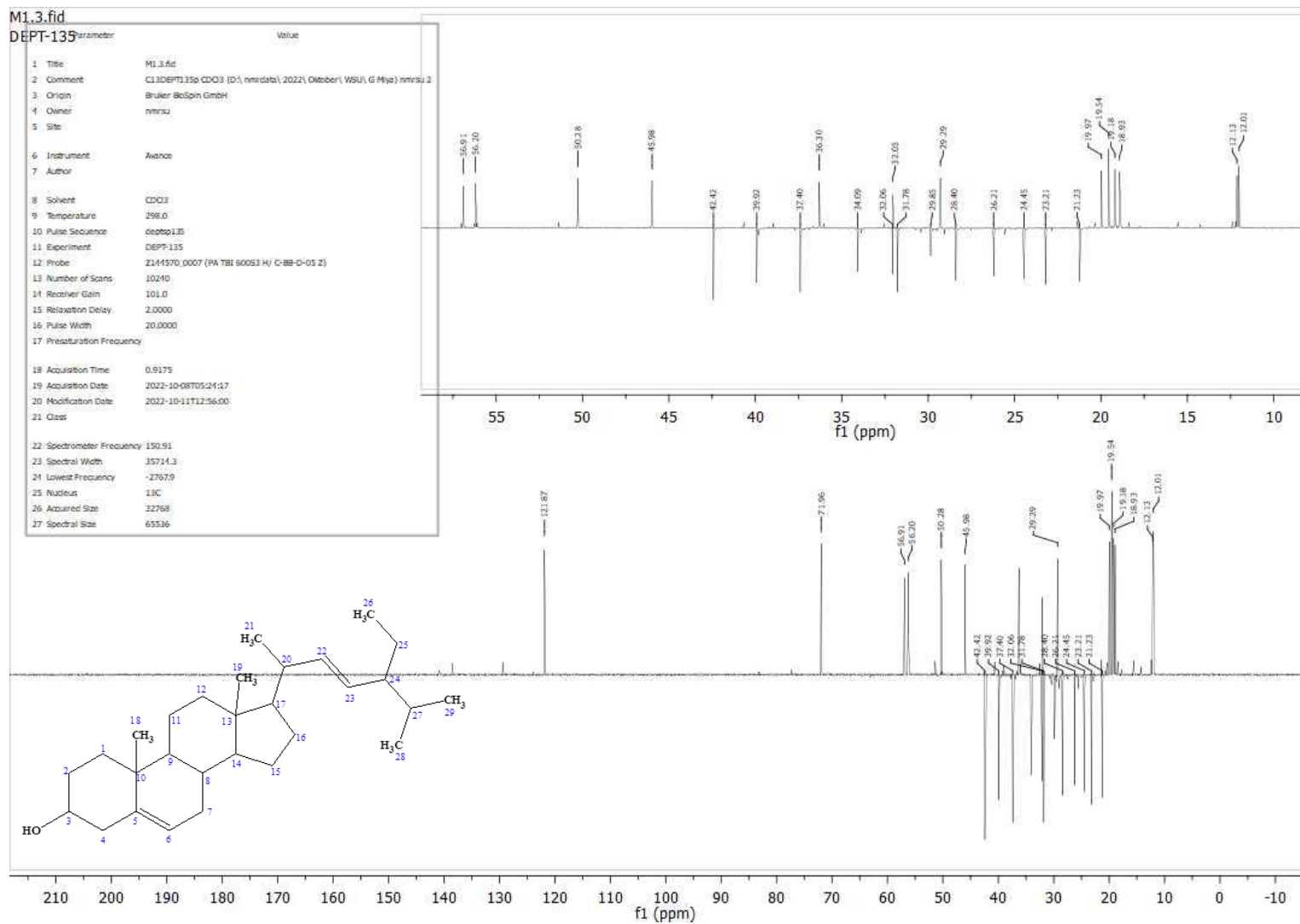
<sup>1</sup>H NMR Spectrum of Compound 1 – Stigmasterol from the n-Hexane Leaf Extract of *Cyperus sexangularis* (CS)



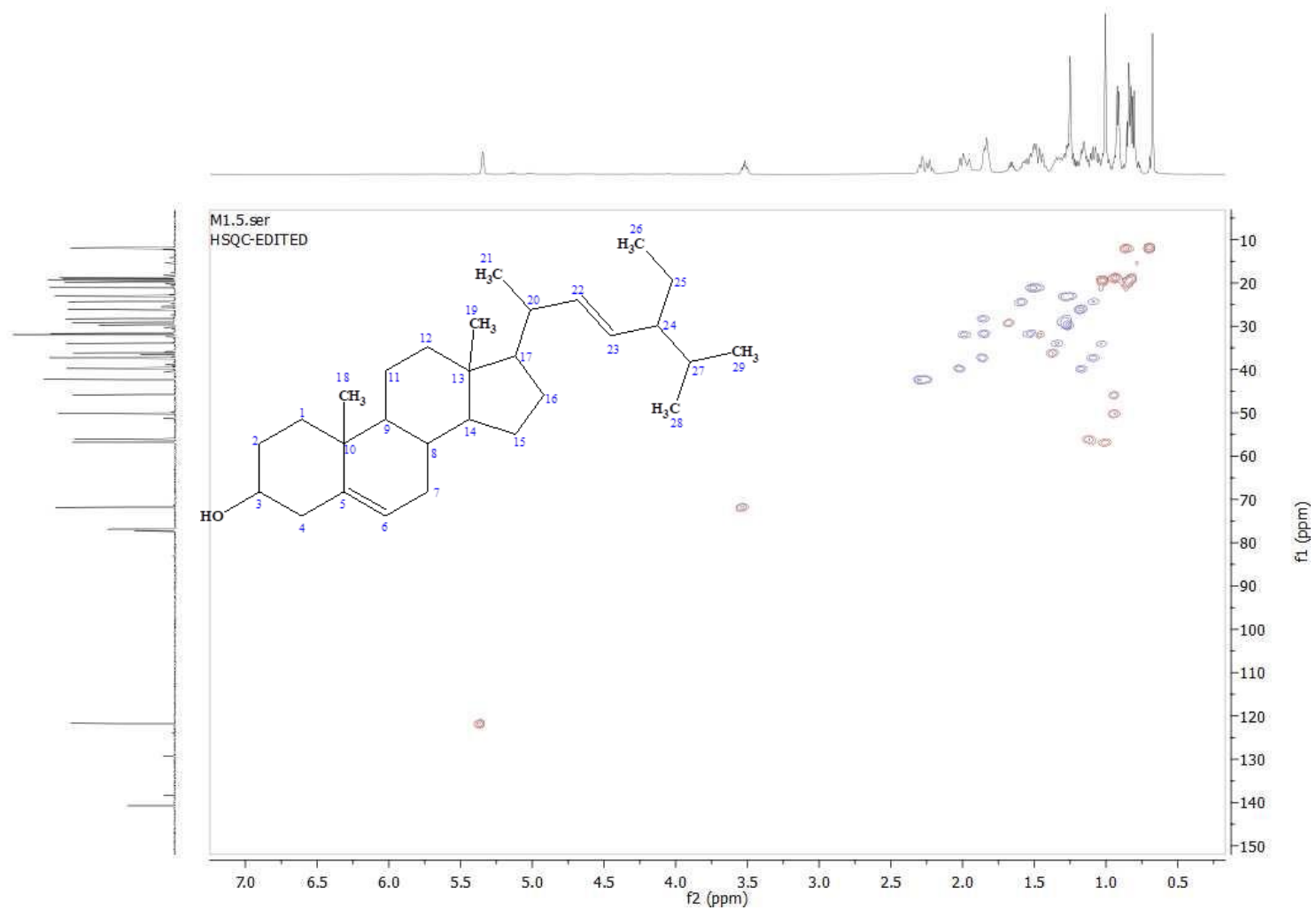
<sup>13</sup>C NMR Spectrum of Compound 1 – Stigmasterol from the n-Hexane Leaf Extract of CS



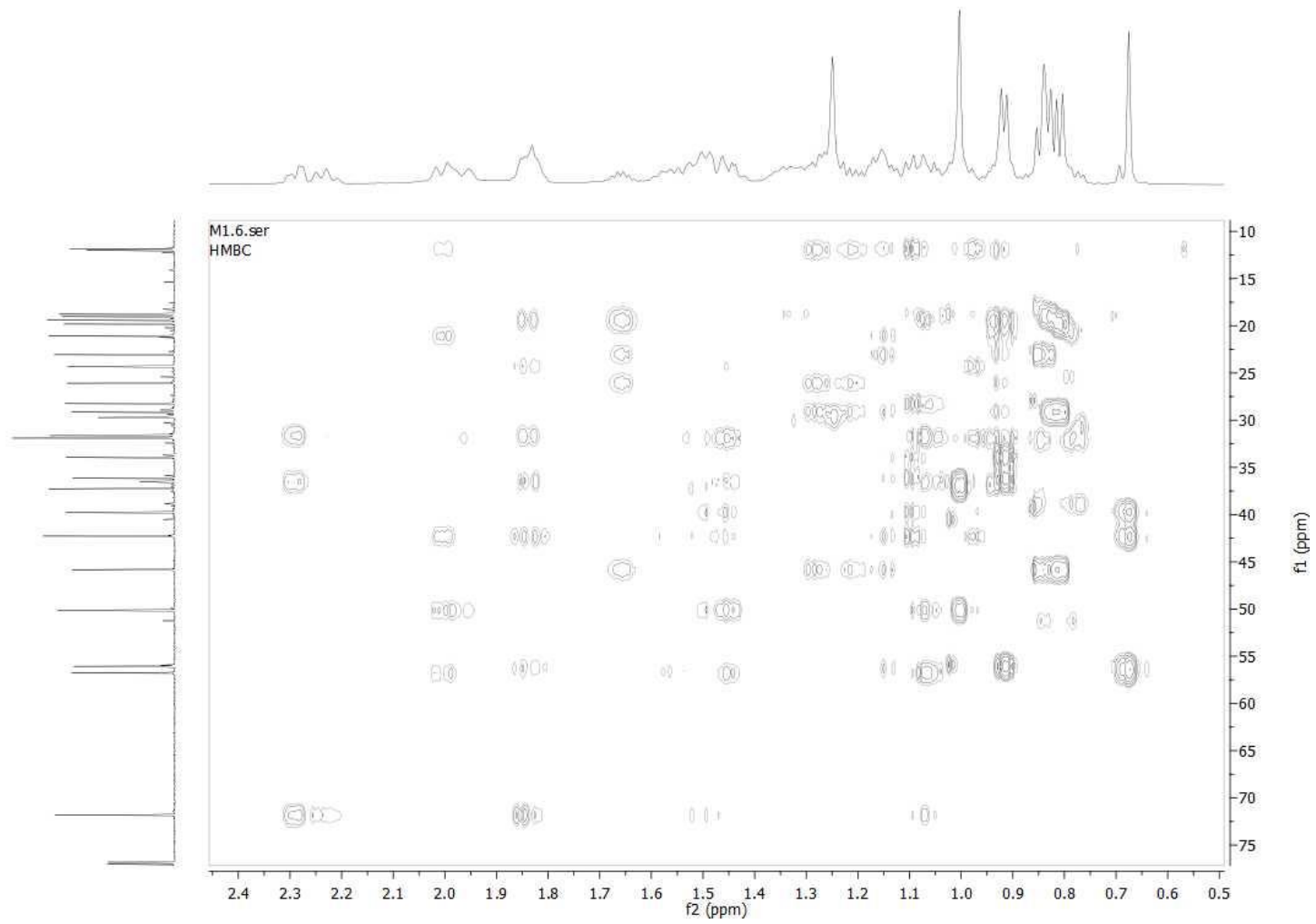
COSY NMR Spectrum of Compound 1 – Stigmasterol from the n-Hexane Leaf Extract of CS



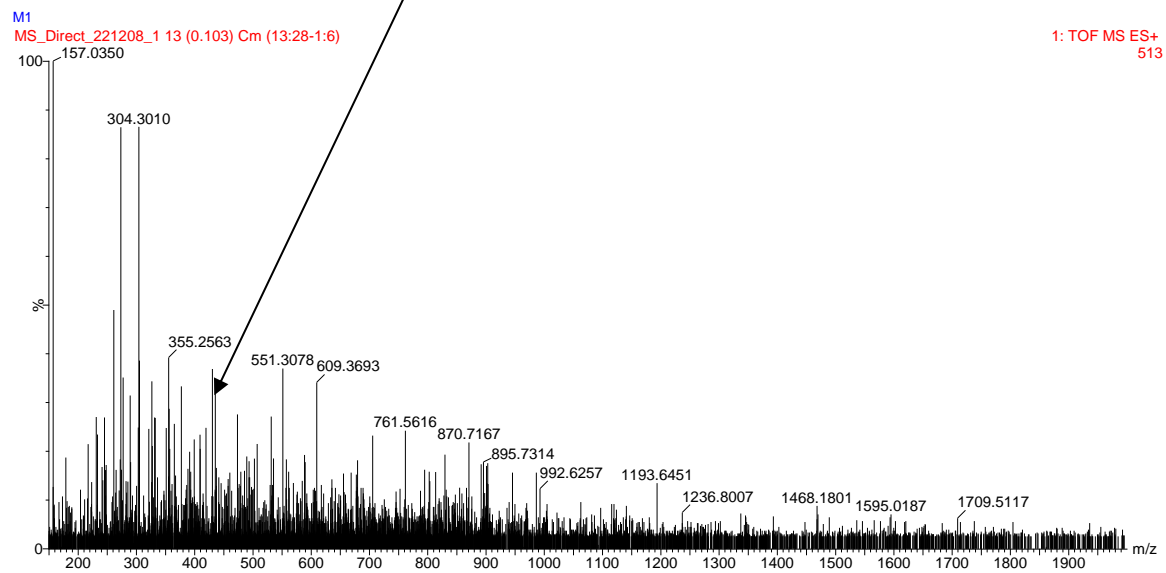
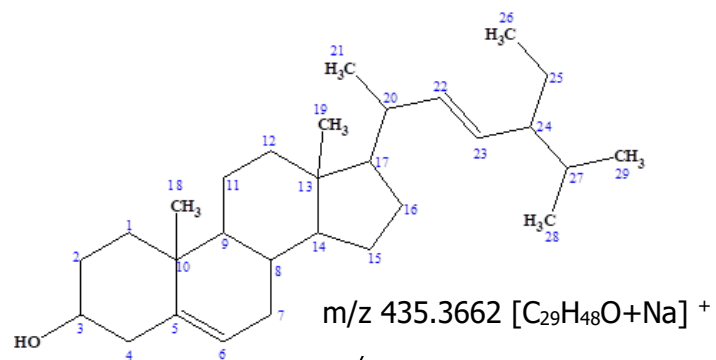
DEPT135 NMR Spectrum of Compound 1 – Stigmasterol from the n-Hexane Leaf Extract of CS



HSQC NMR Spectrum of Compound 1 – Stigmasterol from the n-Hexane Leaf Extract of CS

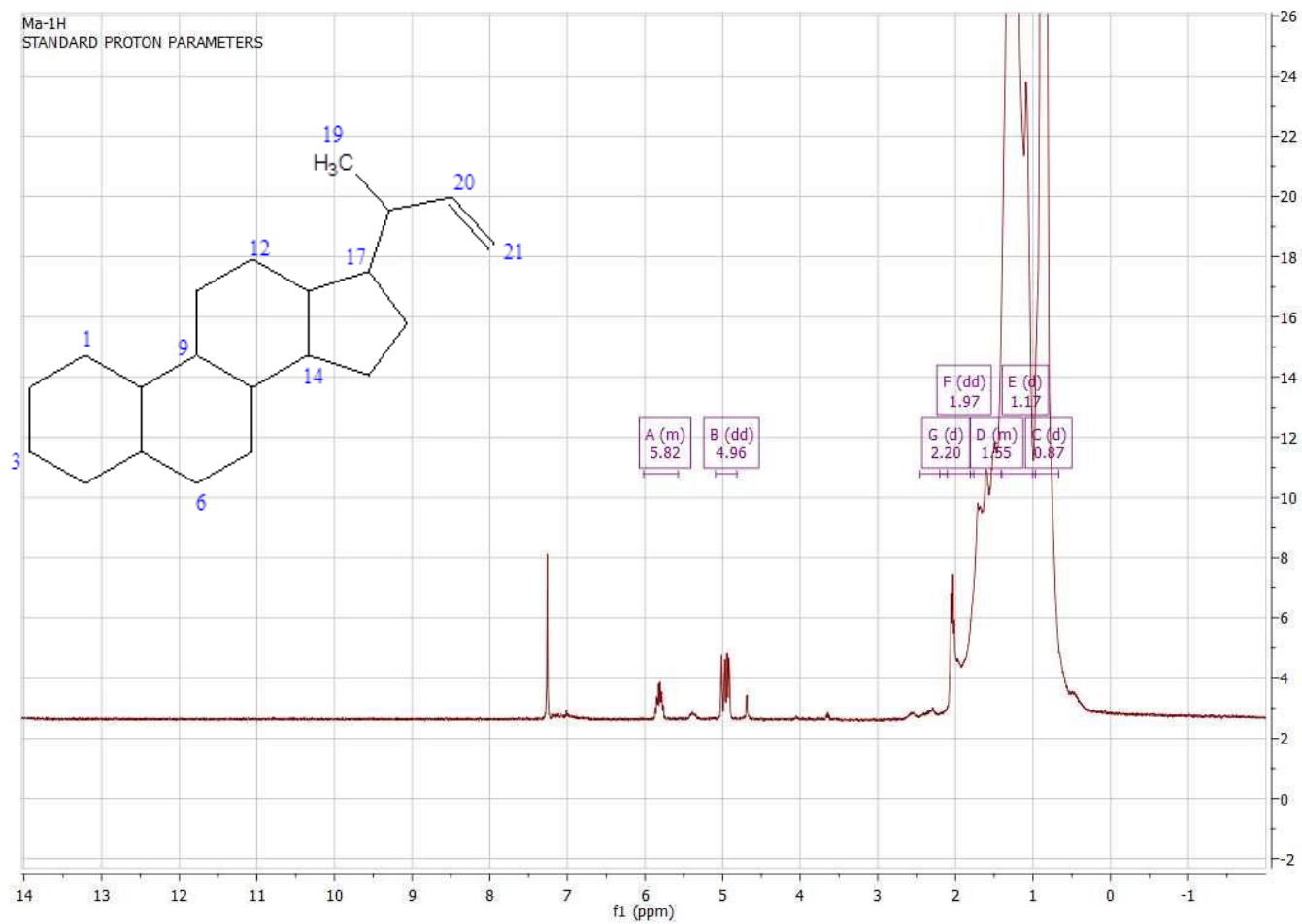


HMBC NMR Spectrum of Compound 1 – Stigmasterol from the n-Hexane Leaf Extract of CS



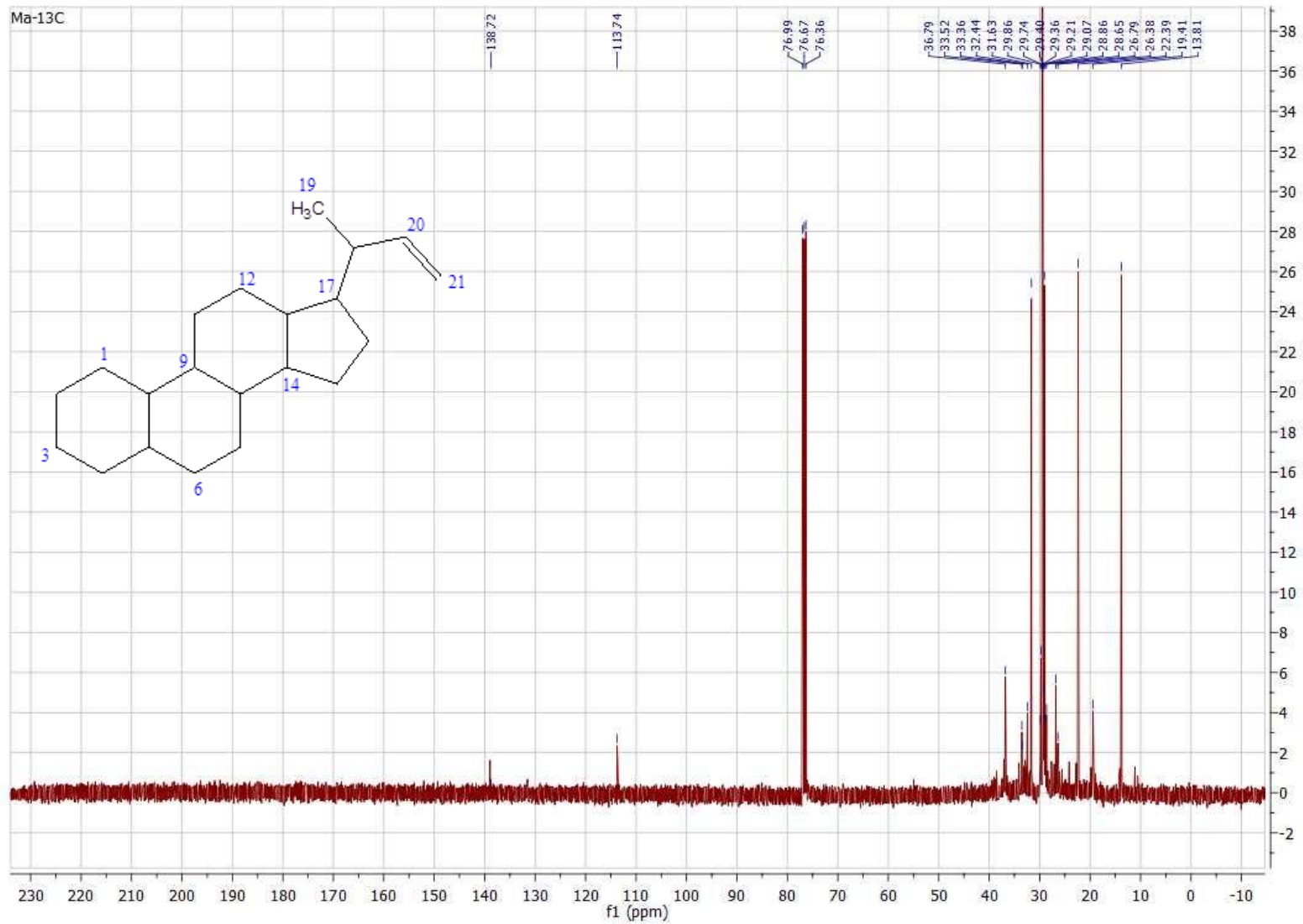
Mass [(TOF MS (ES+)] Spectrum of Compound 1 – Stigmasterol from the n-Hexane Leaf Extract of CS

Fig. S2



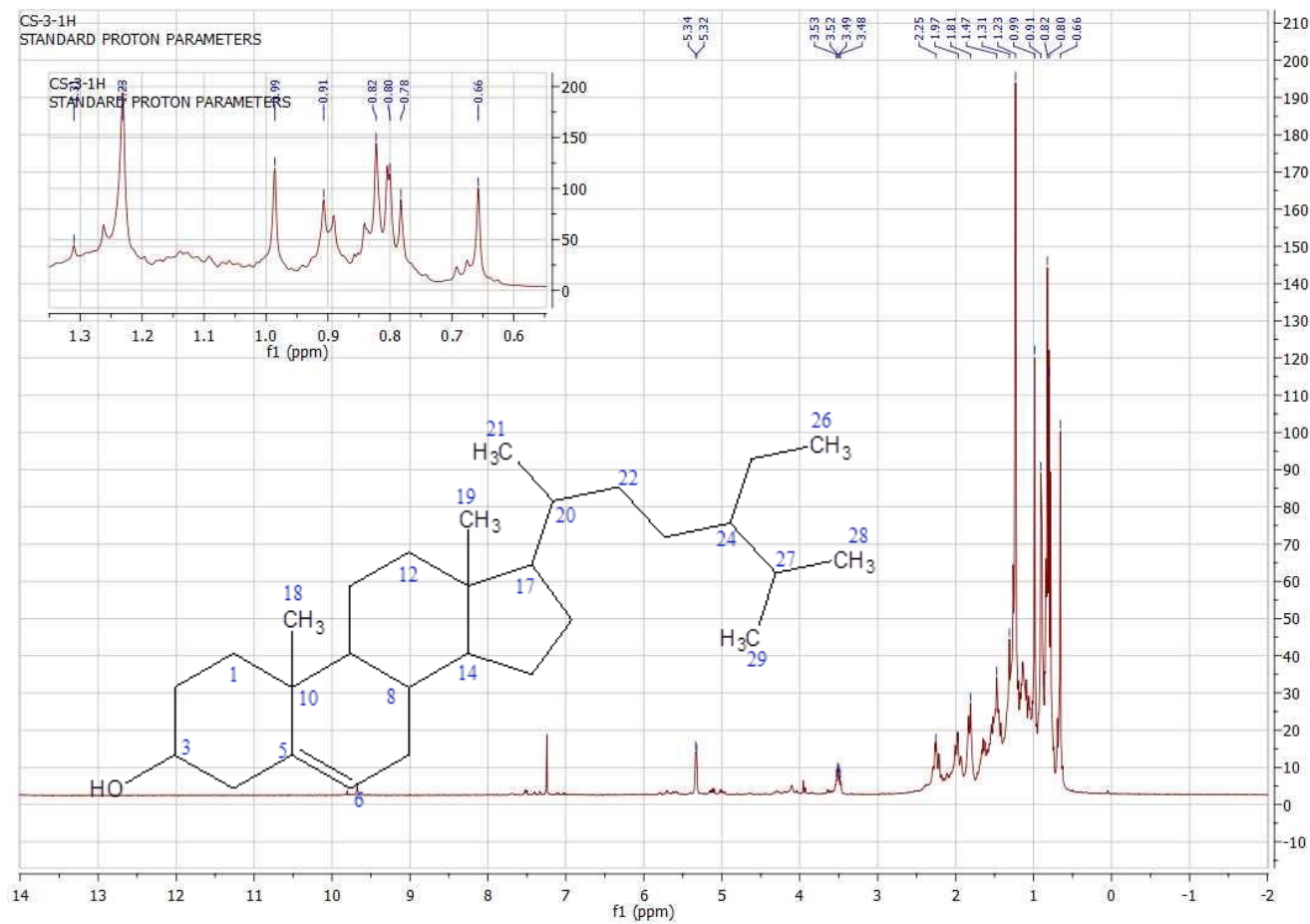
<sup>1</sup>H NMR Spectrum of Compound 2– Phenanthrene Derivative from the DCM Leaf Extract of CS



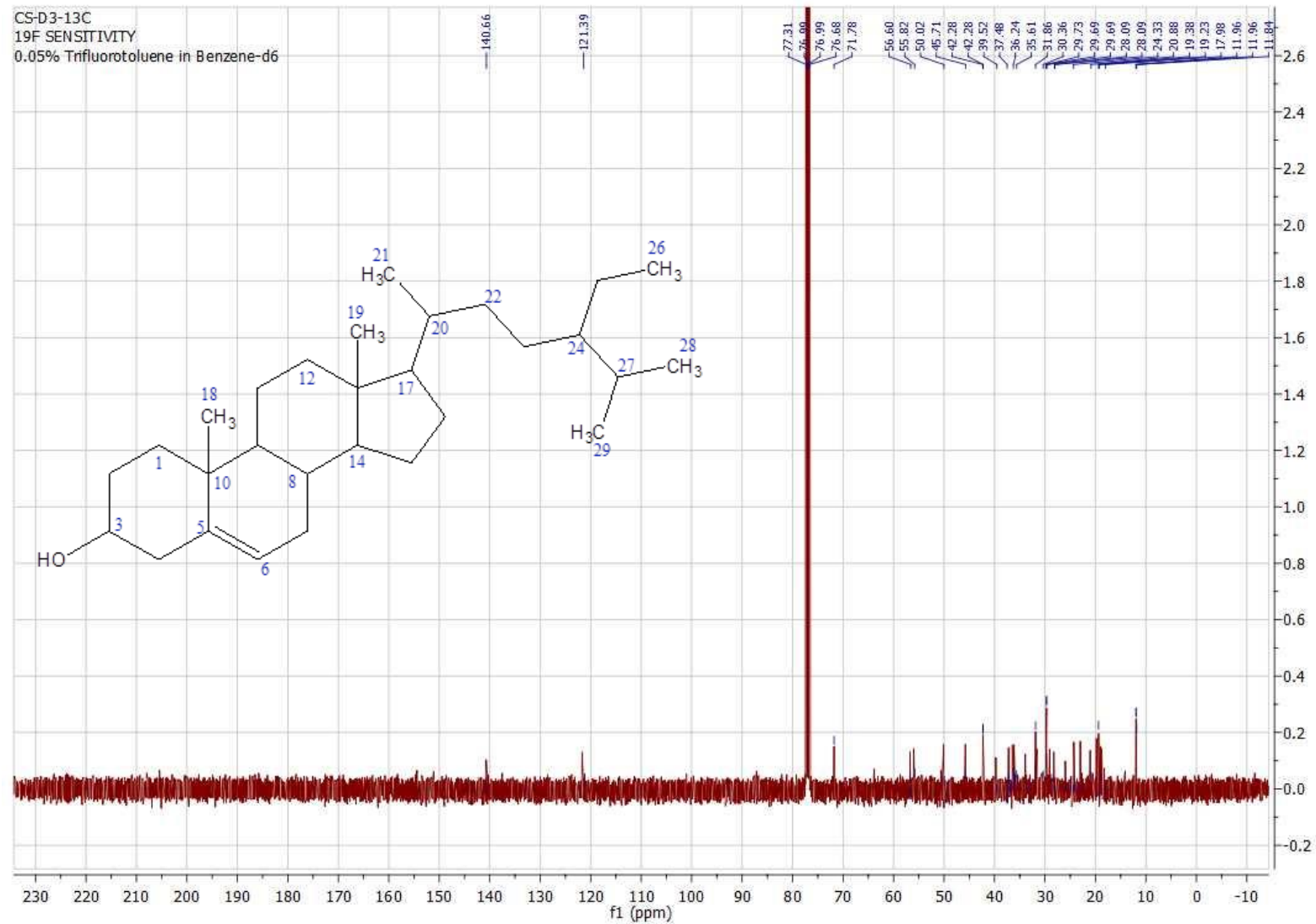


<sup>13</sup>C NMR Spectrum of Compound 2 – Phenanthrene Derivative from the DCM Leaf Extract of CS

Fig. S3

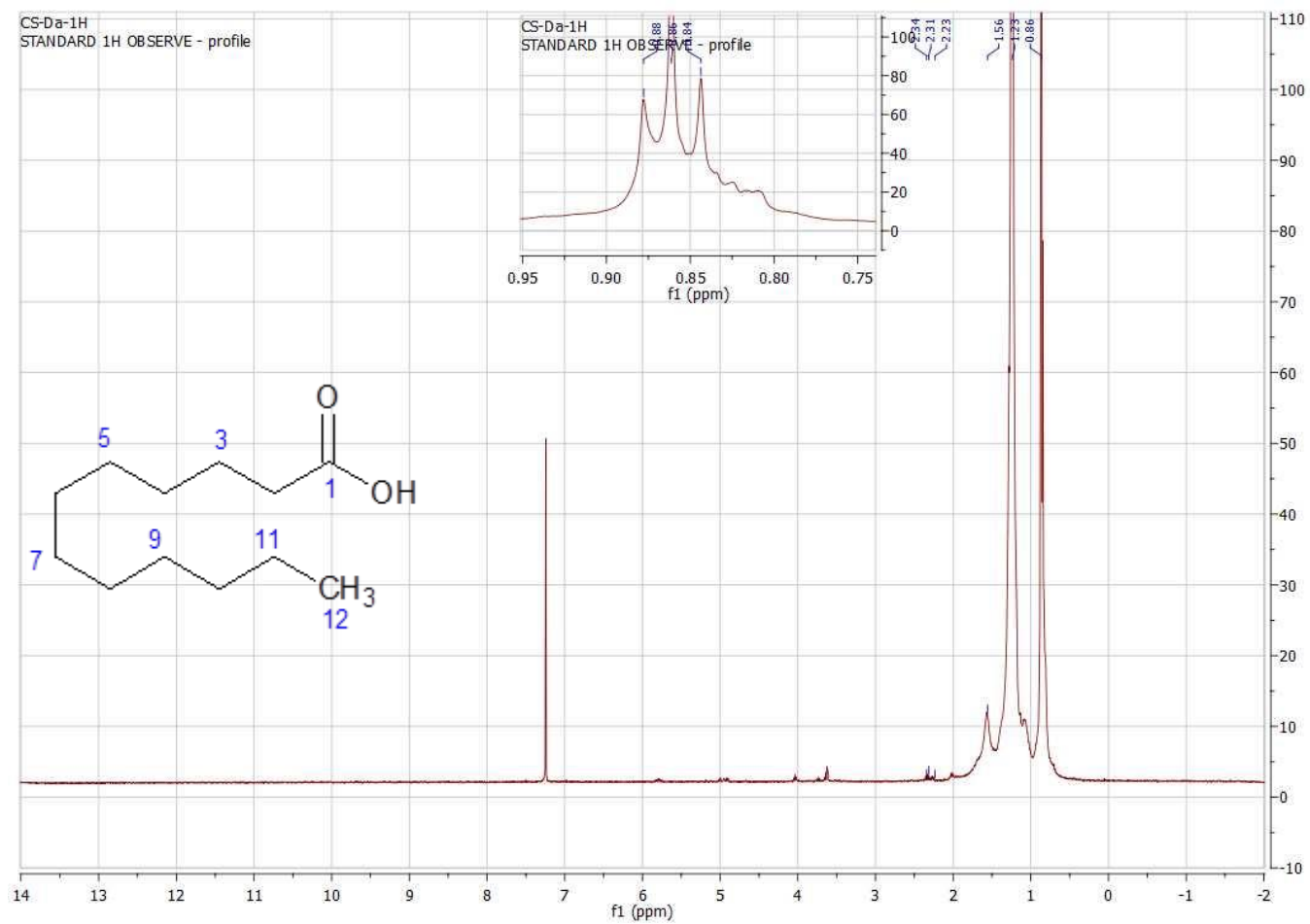


<sup>1</sup>H NMR Spectrum of Compound 3 -  $\beta$ -Sitosterol from the DCM Extract of CS

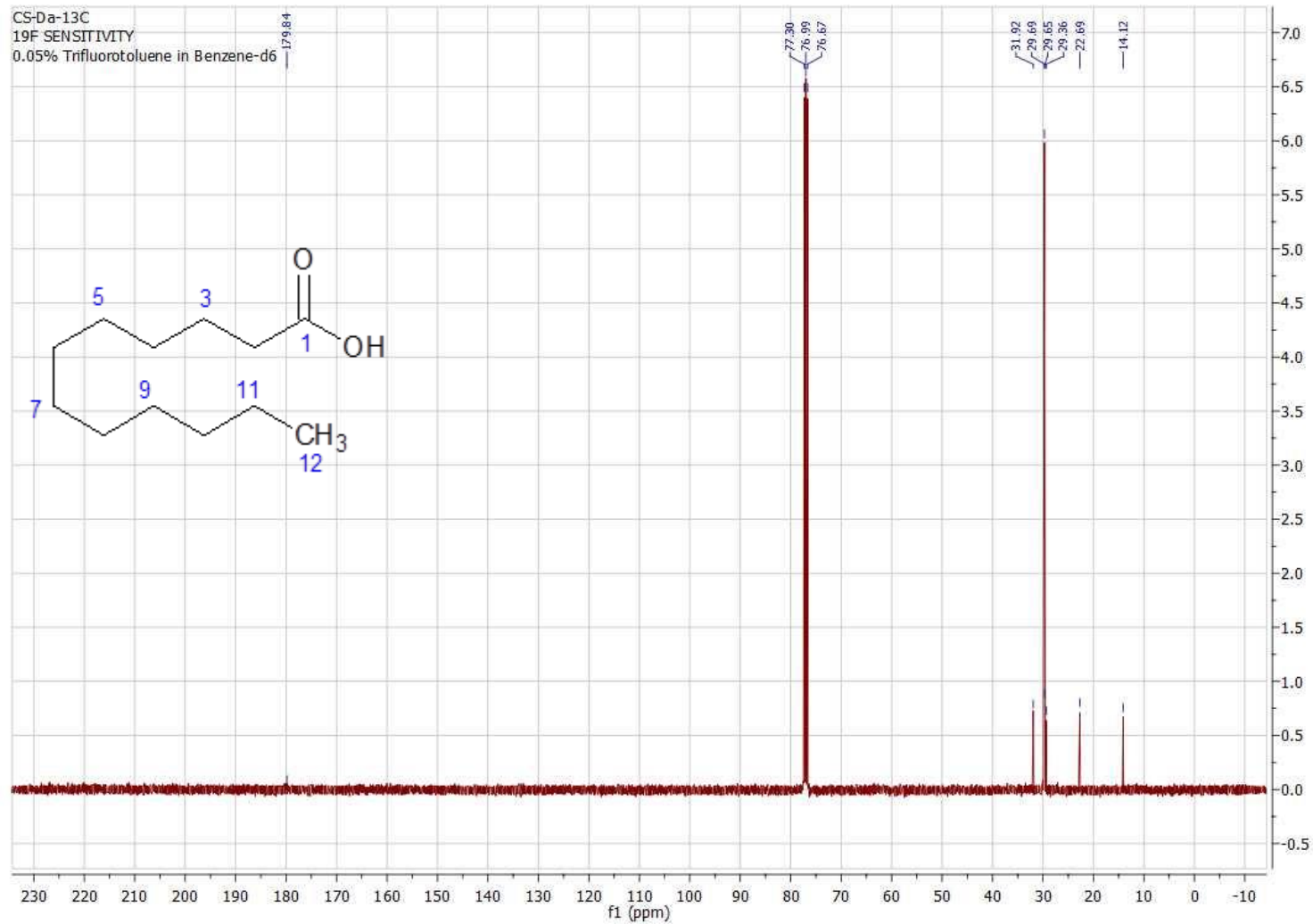


$^{13}\text{C}$  NMR Spectrum of Compound 3 -  $\beta$ -Sitosterol from the DCM Extract of CS

Fig. S4

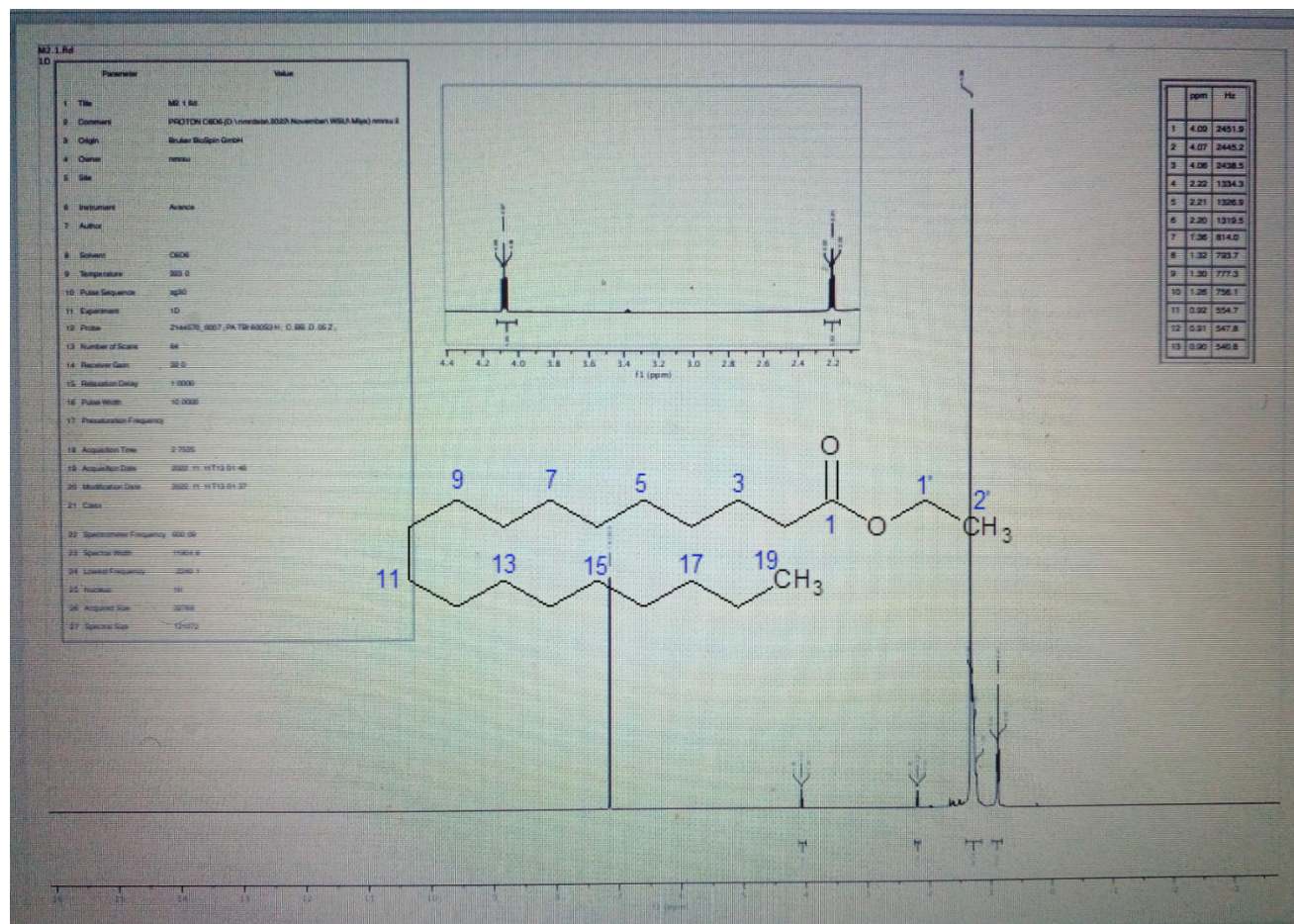


<sup>1</sup>H NMR Spectrum of Compound 4 – Dodecanoic acid from the DCM Extract of CS

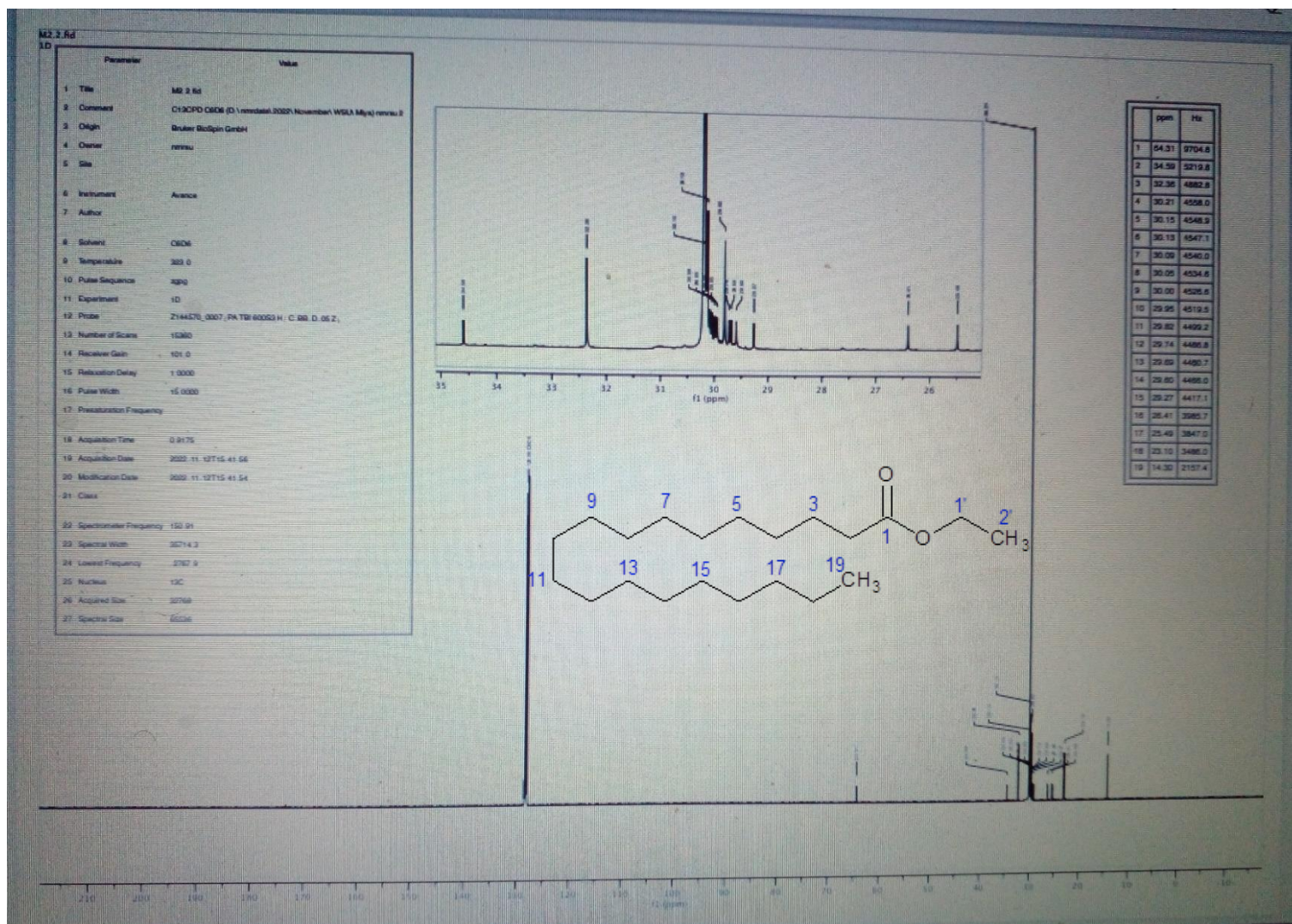


<sup>13</sup>C NMR Spectrum of Compound 4 – Dodecanoic acid from the DCM Extract of CS

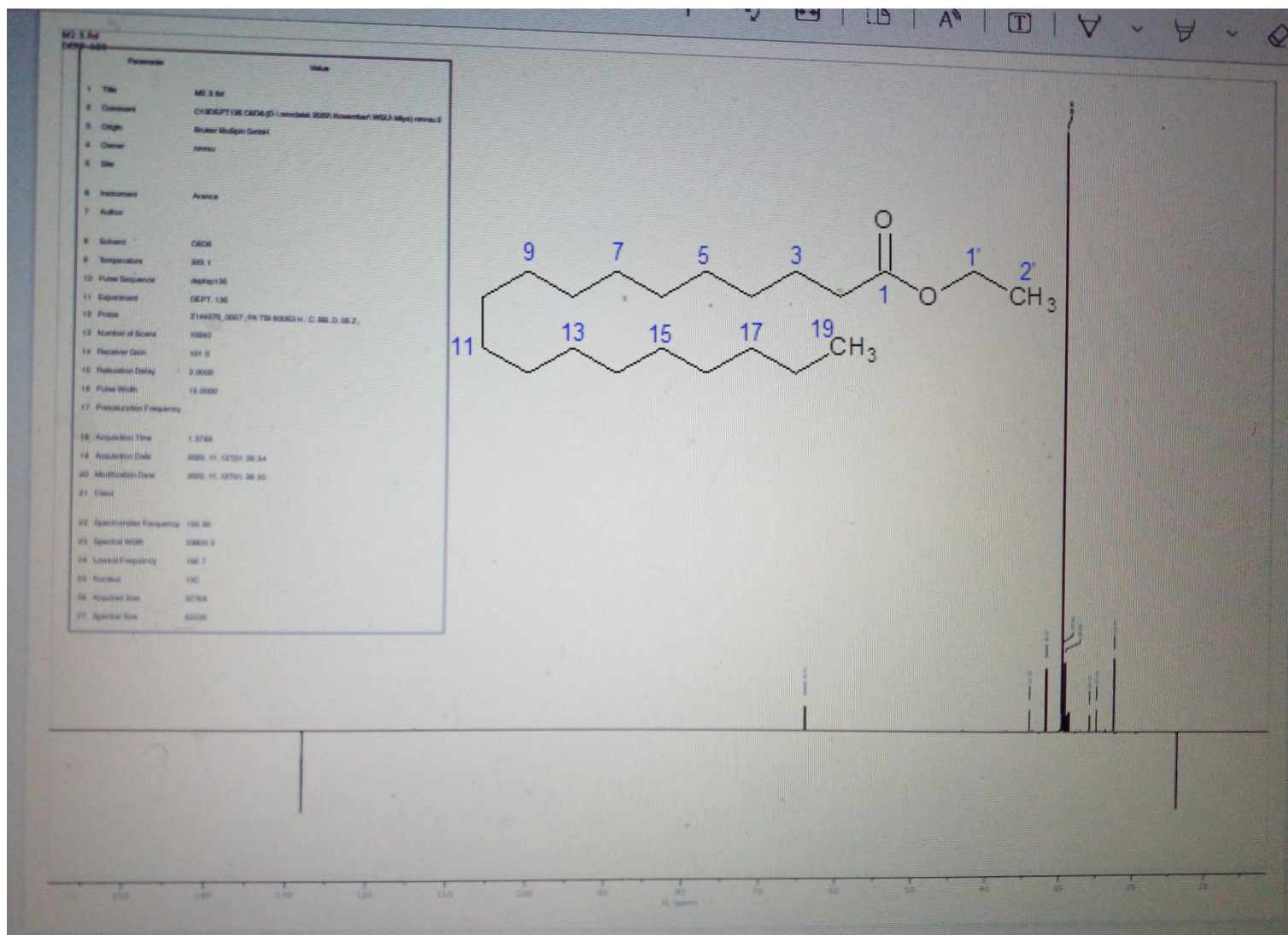
Fig. S5



<sup>1</sup>H NMR Spectrum of Compound 5 – Ethyl nonadecanoate from the DCM Leaf Extract of CS

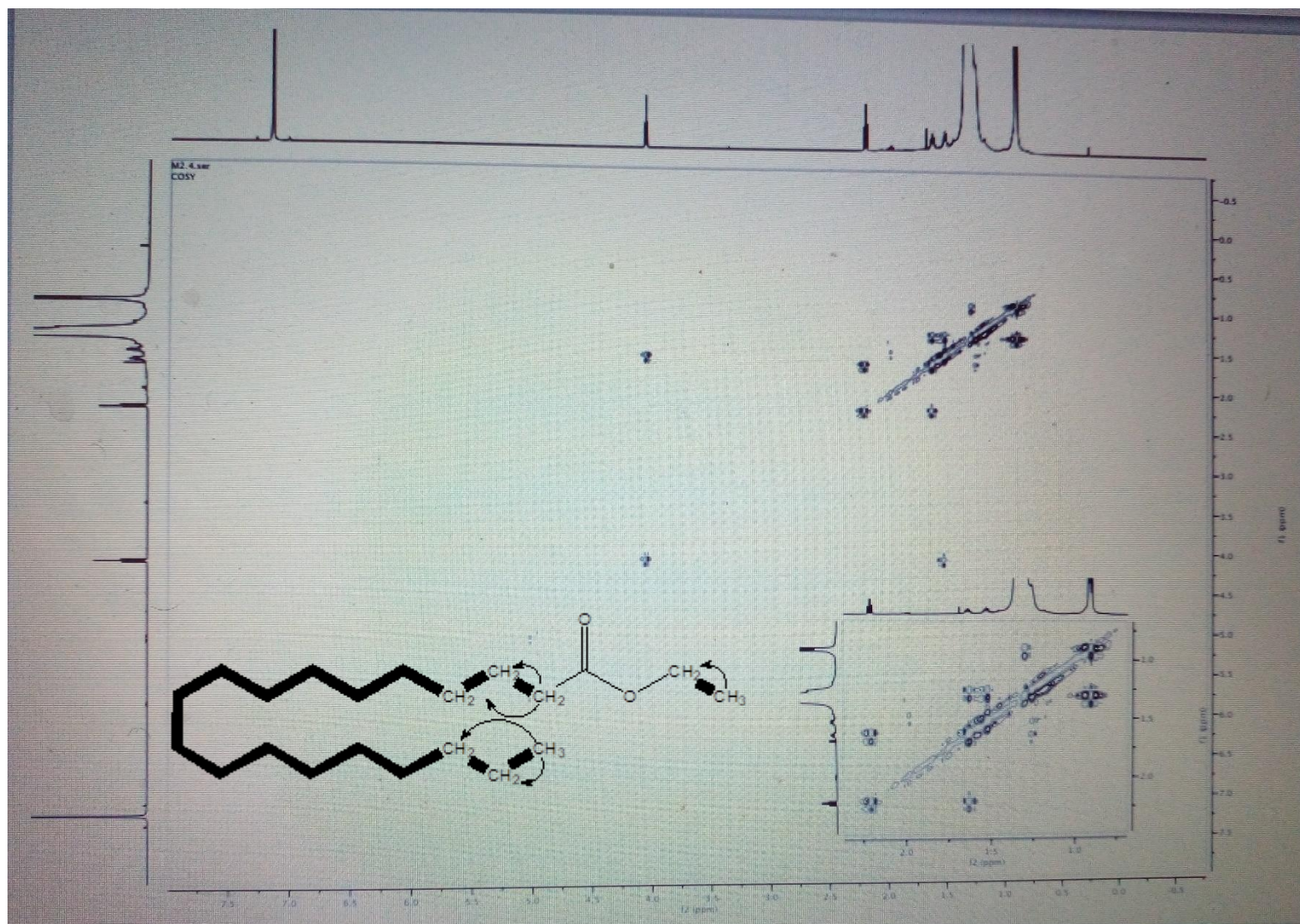


<sup>13</sup>C NMR Spectrum of Compound 5 – Ethyl nonadecanoate from the DCM Leaf Extract of CS

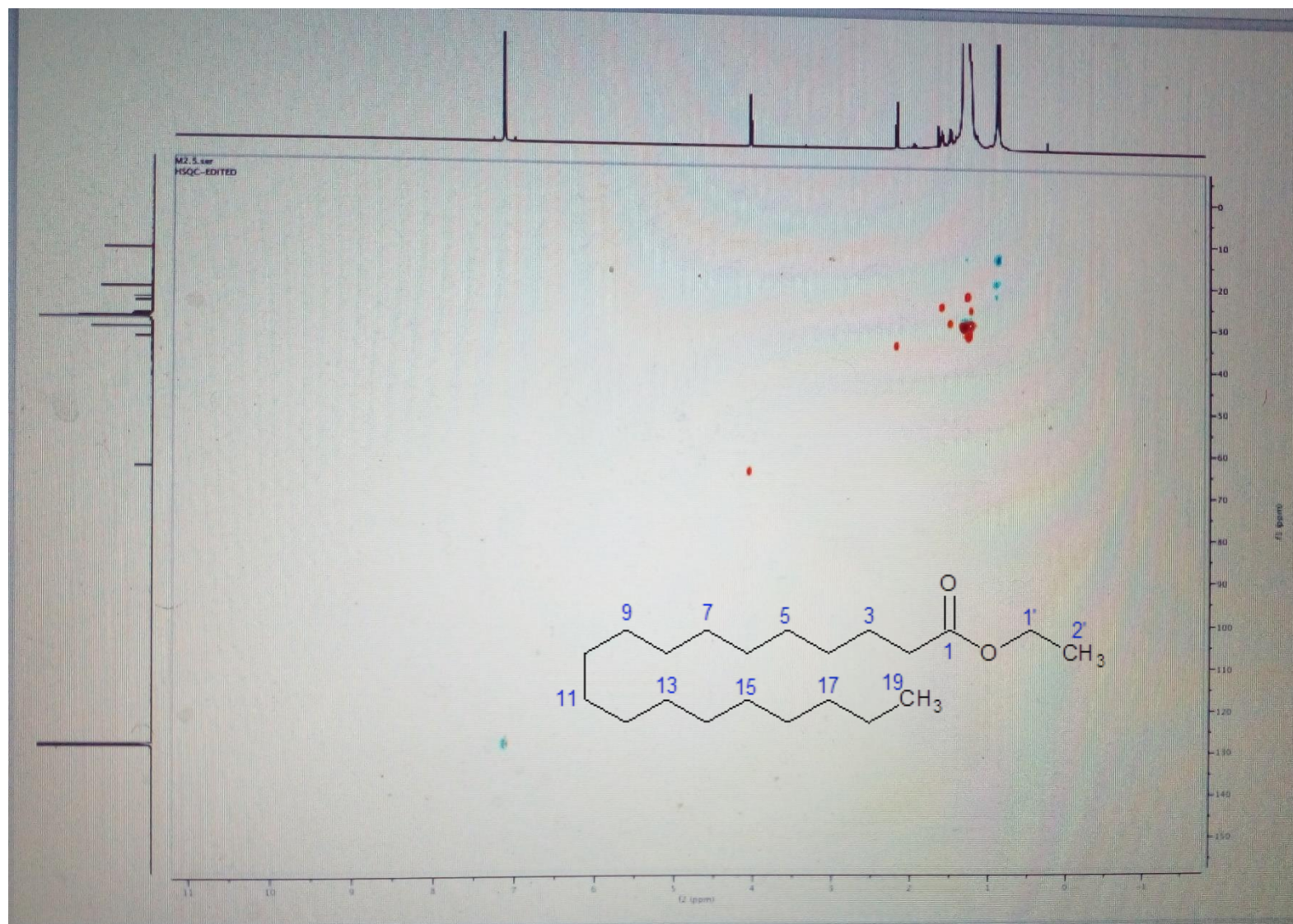


DEPT 135 NMR Spectrum of Compound 5 – Ethyl nonadecanoate from the DCM Leaf Extract of CS

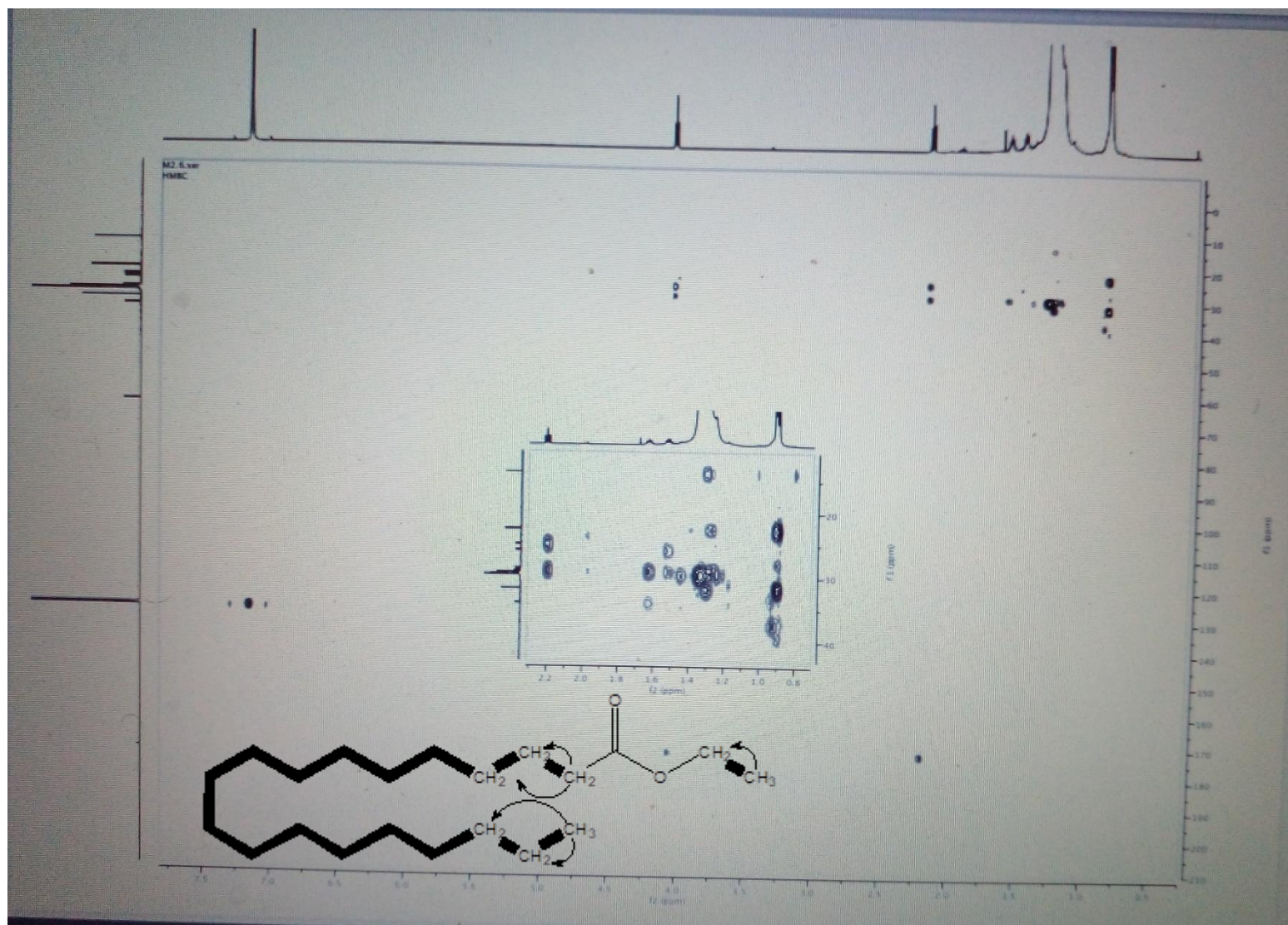




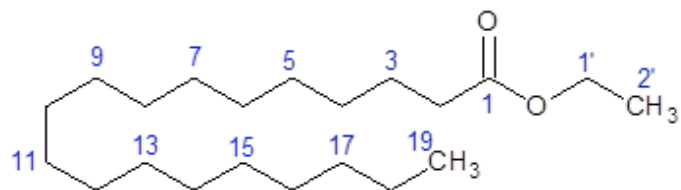
$^1\text{H}$  -  $^1\text{H}$  COSY NMR Spectrum of Compound 5 – Ethyl nonadecanoate from the DCM Leaf Extract of CS



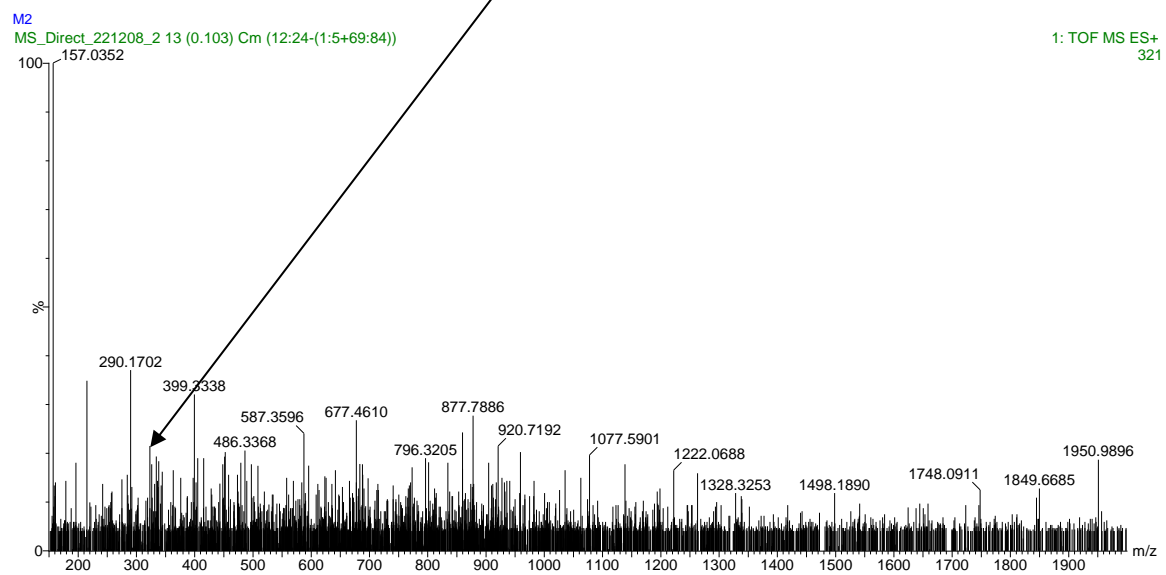
HSQC NMR Spectrum of Compound 5 – Ethyl nonadecanoate from the DCM Leaf Extract of CS



HMBC (C→H) NMR Spectrum of Compound 5 – Ethyl nonadecanoate from the DCM Leaf Extract of CS

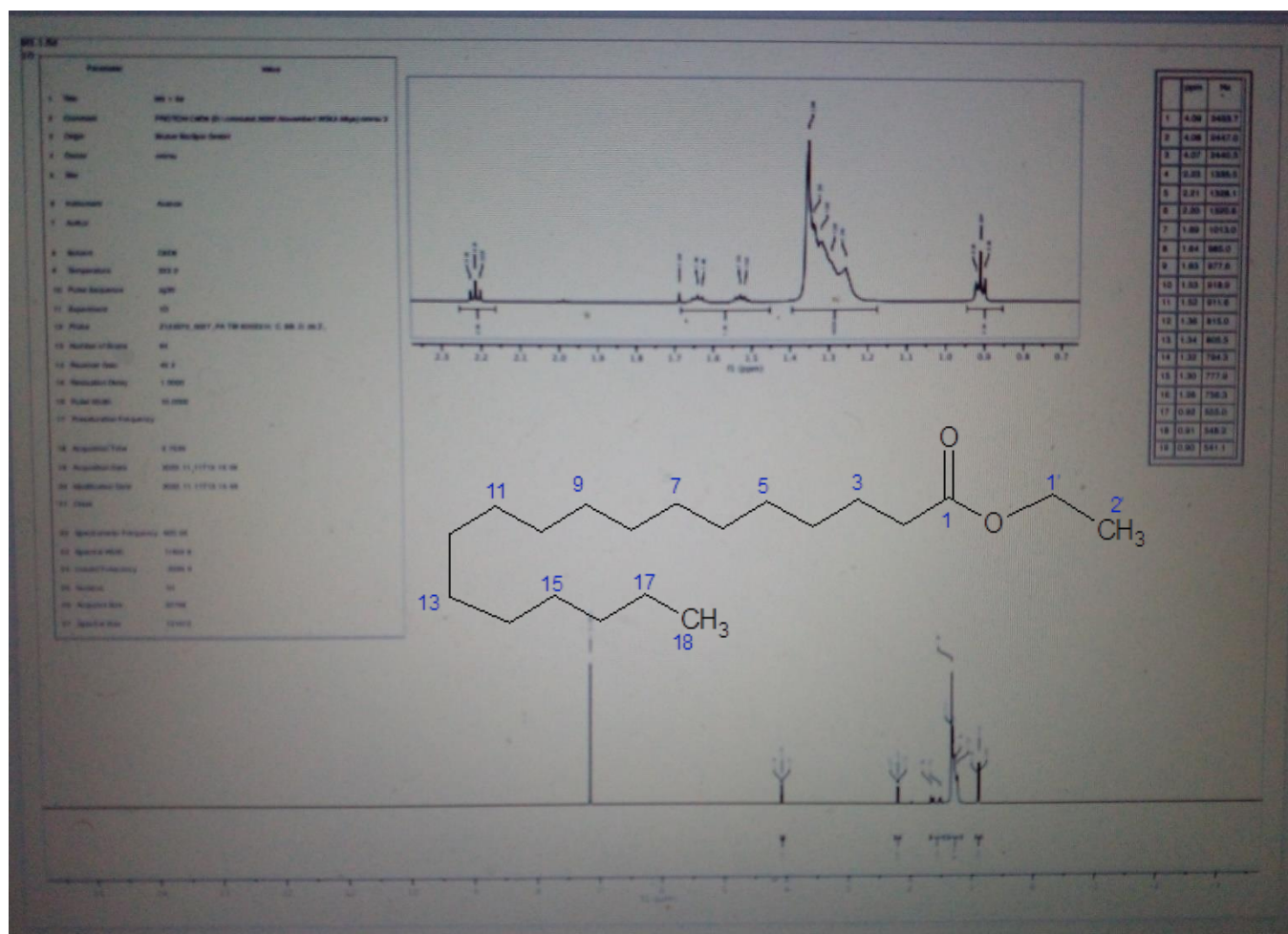


m/z 328.4124 [M+2H]<sup>+</sup>, (C<sub>21</sub>H<sub>42</sub>O<sub>2</sub>)

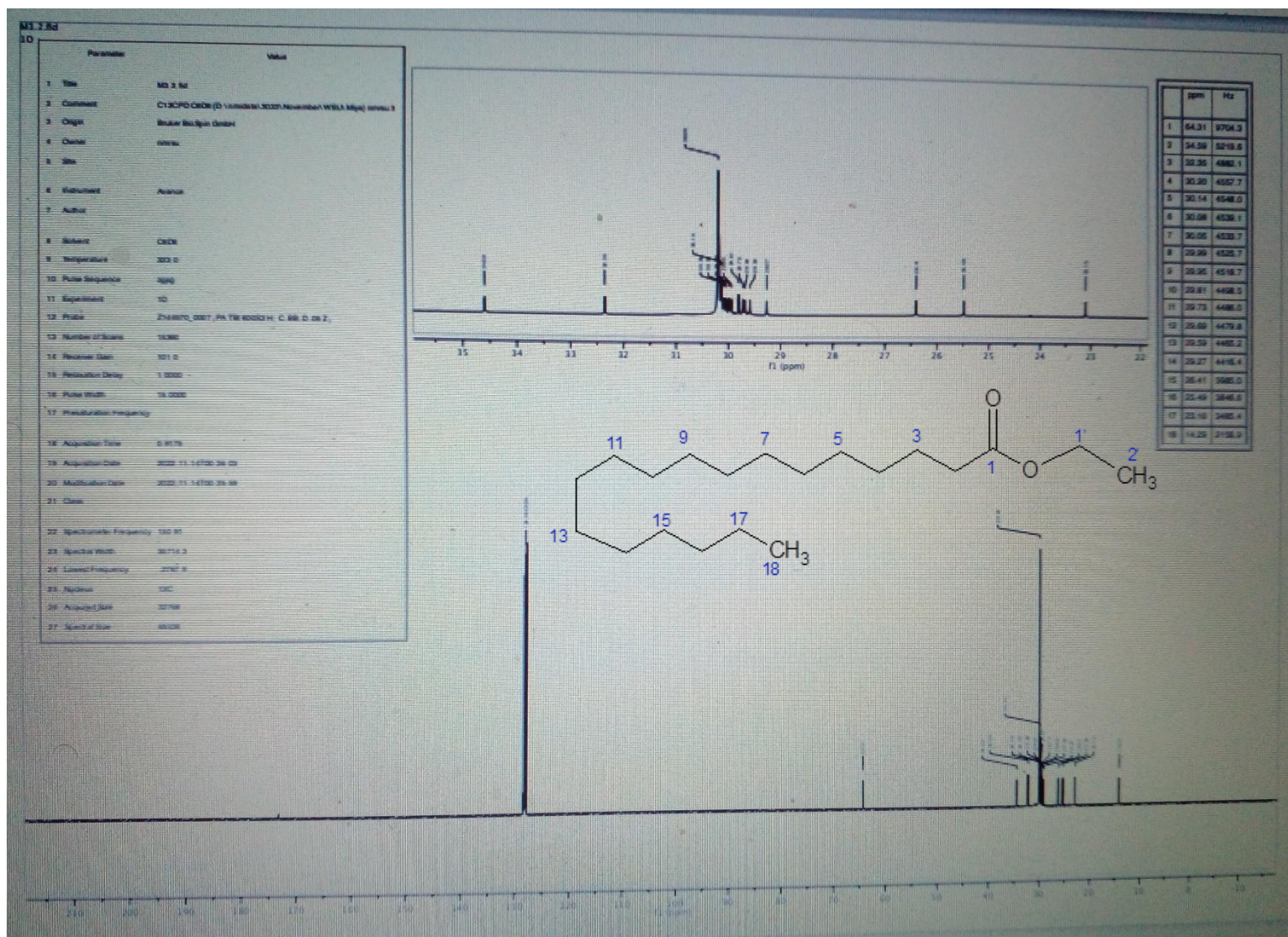


Mass [(TOF MS (ES+)] Spectrum of Compound 5 – Ethyl nonadecanoate from the DCM Leaf Extract of CS

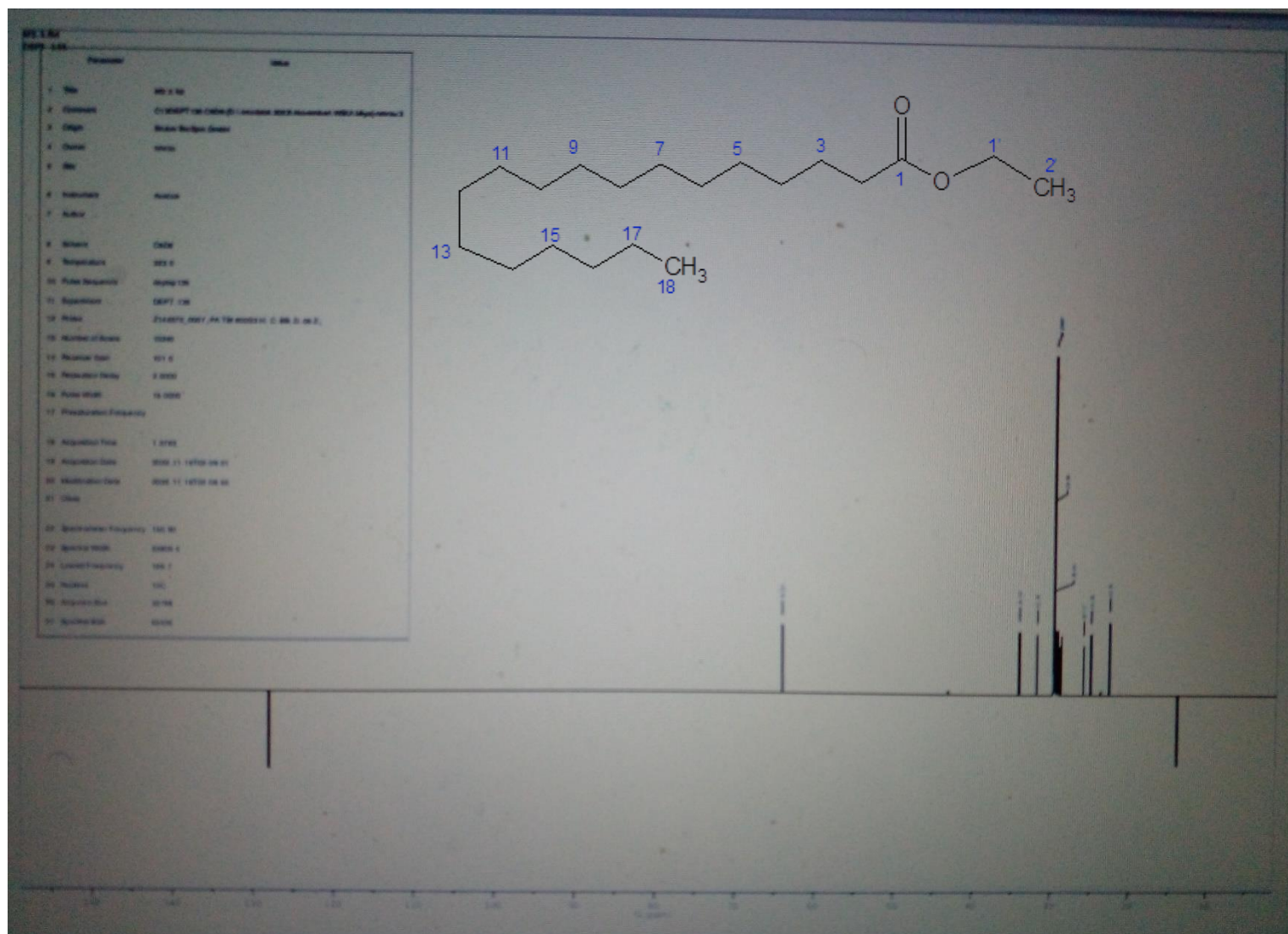
Fig. S6



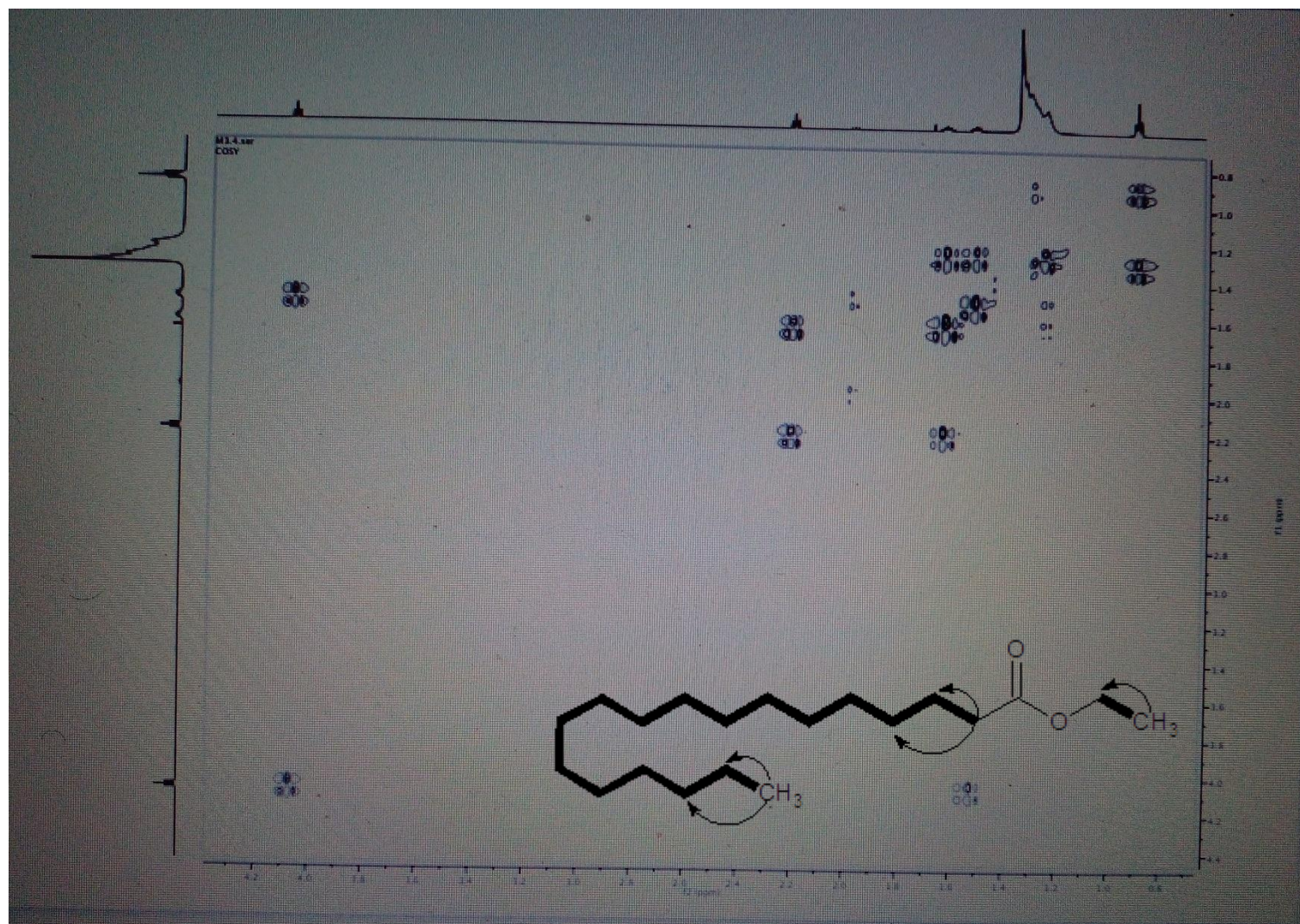
<sup>1</sup>H NMR Spectrum of Compound 6 – Ethyl stearate from the DCM Leaf Extract of CS



$^{13}\text{C}$  NMR Spectrum of Compound 6 – Ethyl stearate from the DCM Leaf Extract of CS

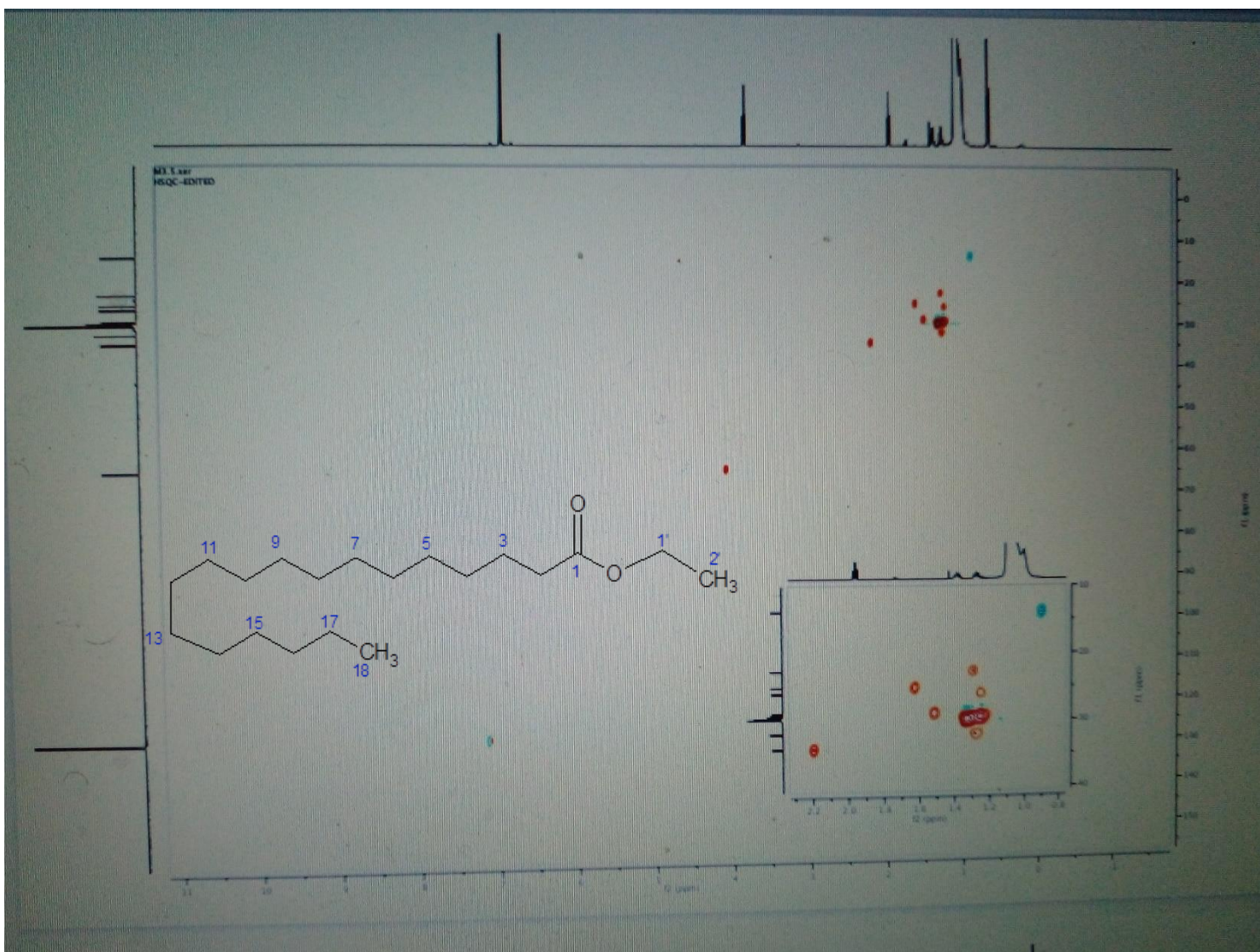


DEPT 135 NMR Spectrum of Compound 6 – Ethyl stearate from the DCM Leaf Extract of CS

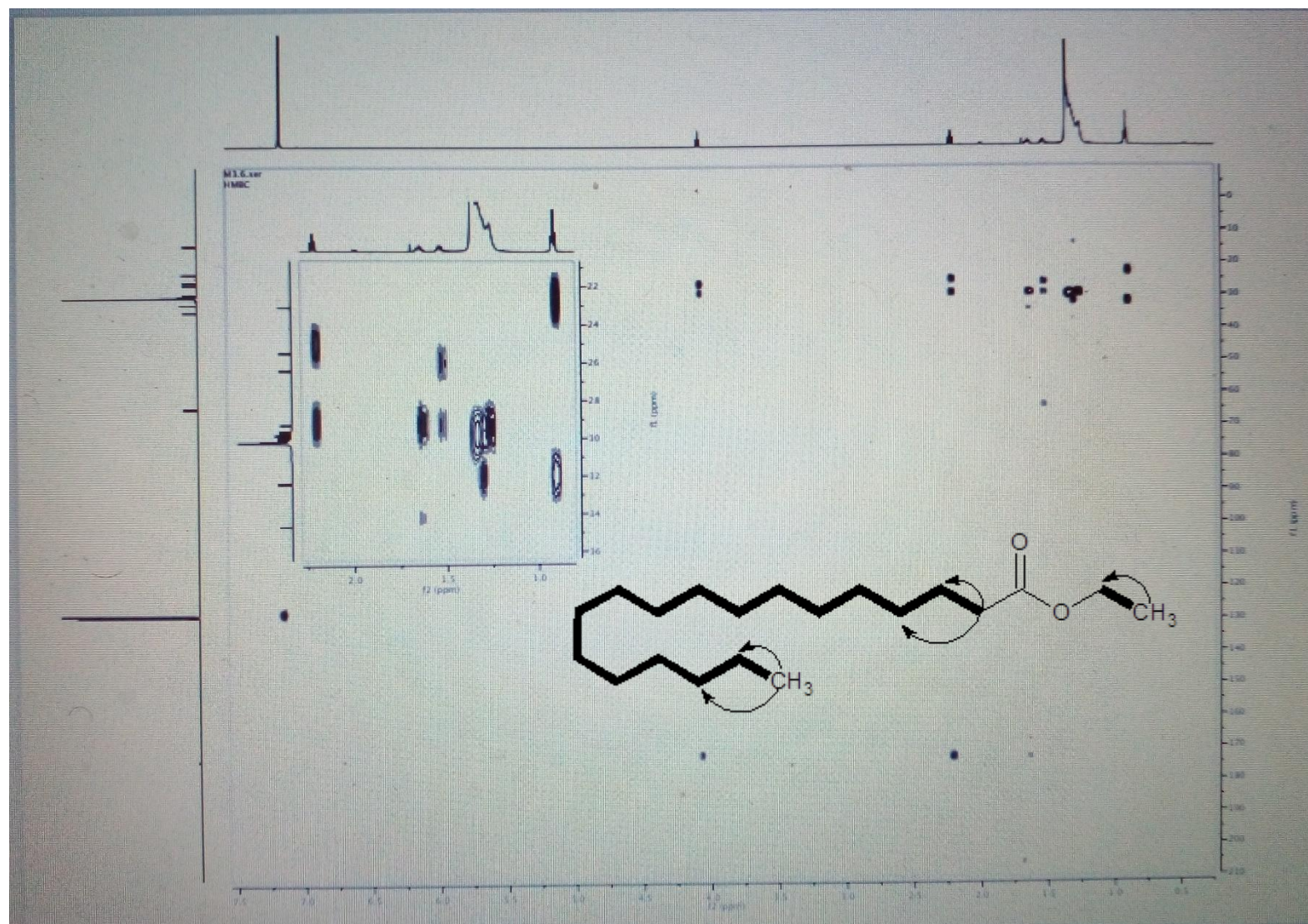


$^1\text{H}$  -  $^1\text{H}$  COSY NMR Spectrum of Compound 6 - Ethyl stearate from the DCM Leaf Extract of CS

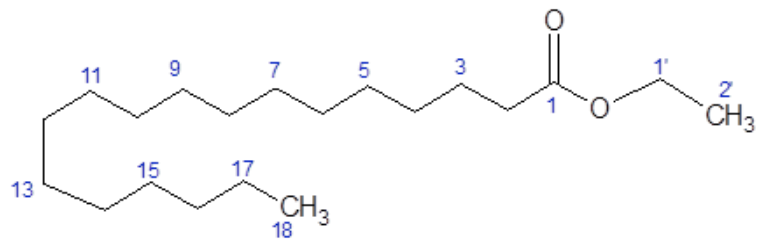




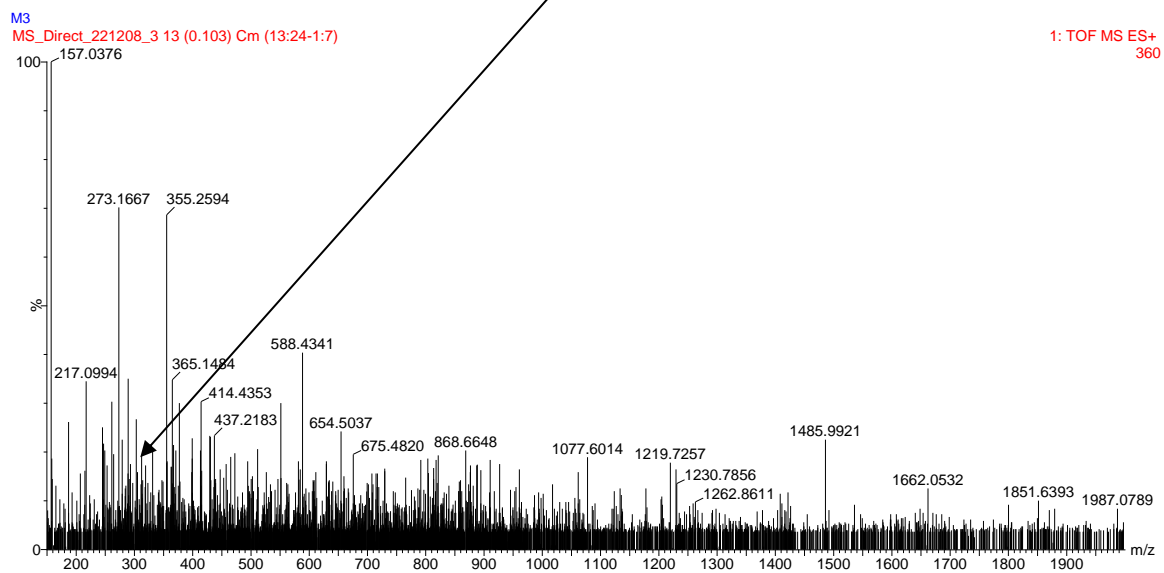
HSQC NMR Spectrum of Compound 6 – Ethyl stearate from the DCM Leaf Extract of CS



HMBC (C $\rightarrow$ H) NMR Spectrum of Compound 6 – Ethyl stearate from the DCM Leaf Extract of CS



m/z 313.4124 [M+H]<sup>+</sup>, (C<sub>20</sub>H<sub>40</sub>O<sub>2</sub>)



Mass [(TOF MS (ES+)] Spectrum of Compound 6 – Ethyl stearate from the DCM Leaf Extract of CS