

FLAVONOIDES E OUTRAS SUBSTÂNCIAS DE *Lippia sidoides* E SUAS ATIVIDADES ANTIOXIDANTES

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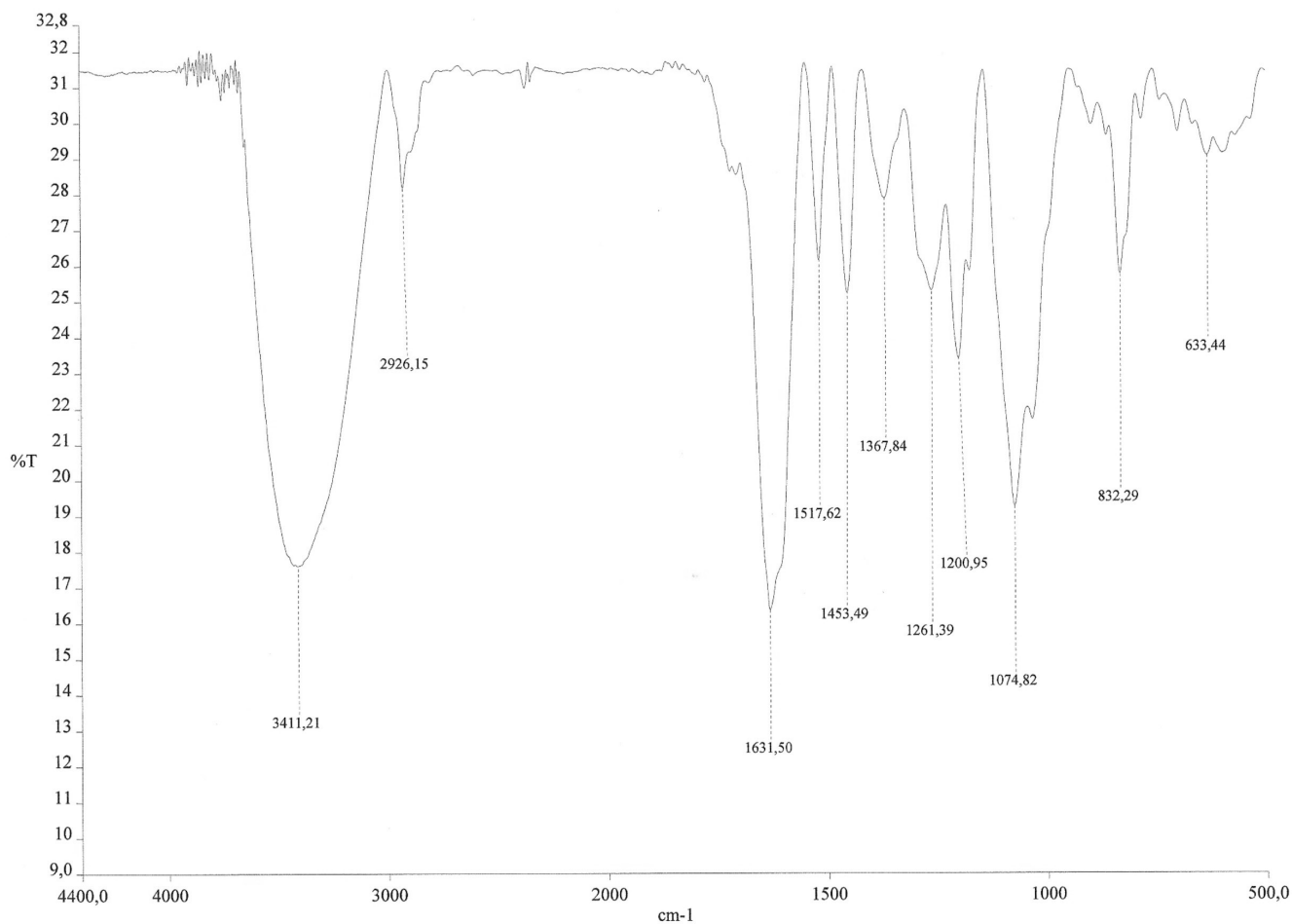
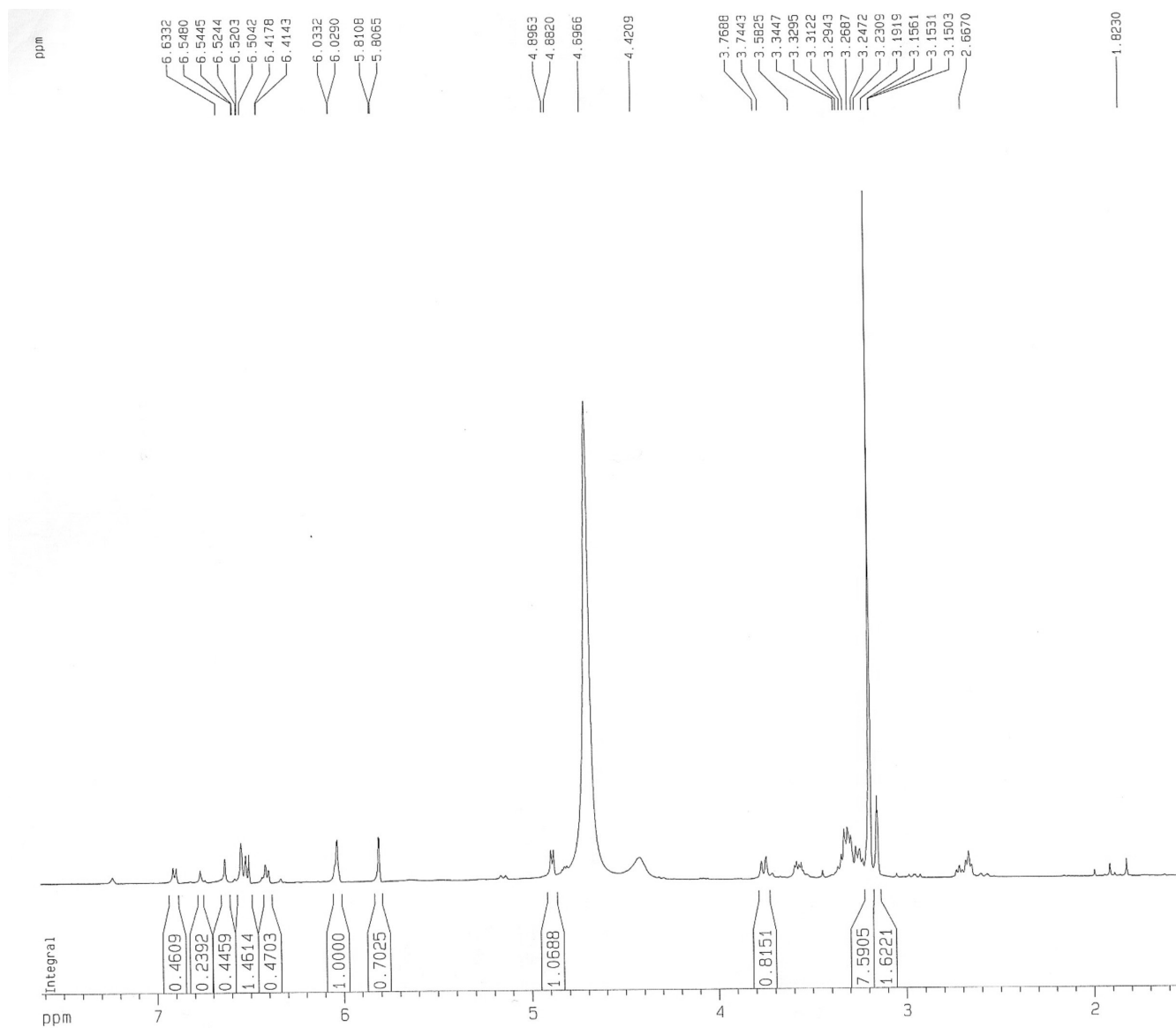
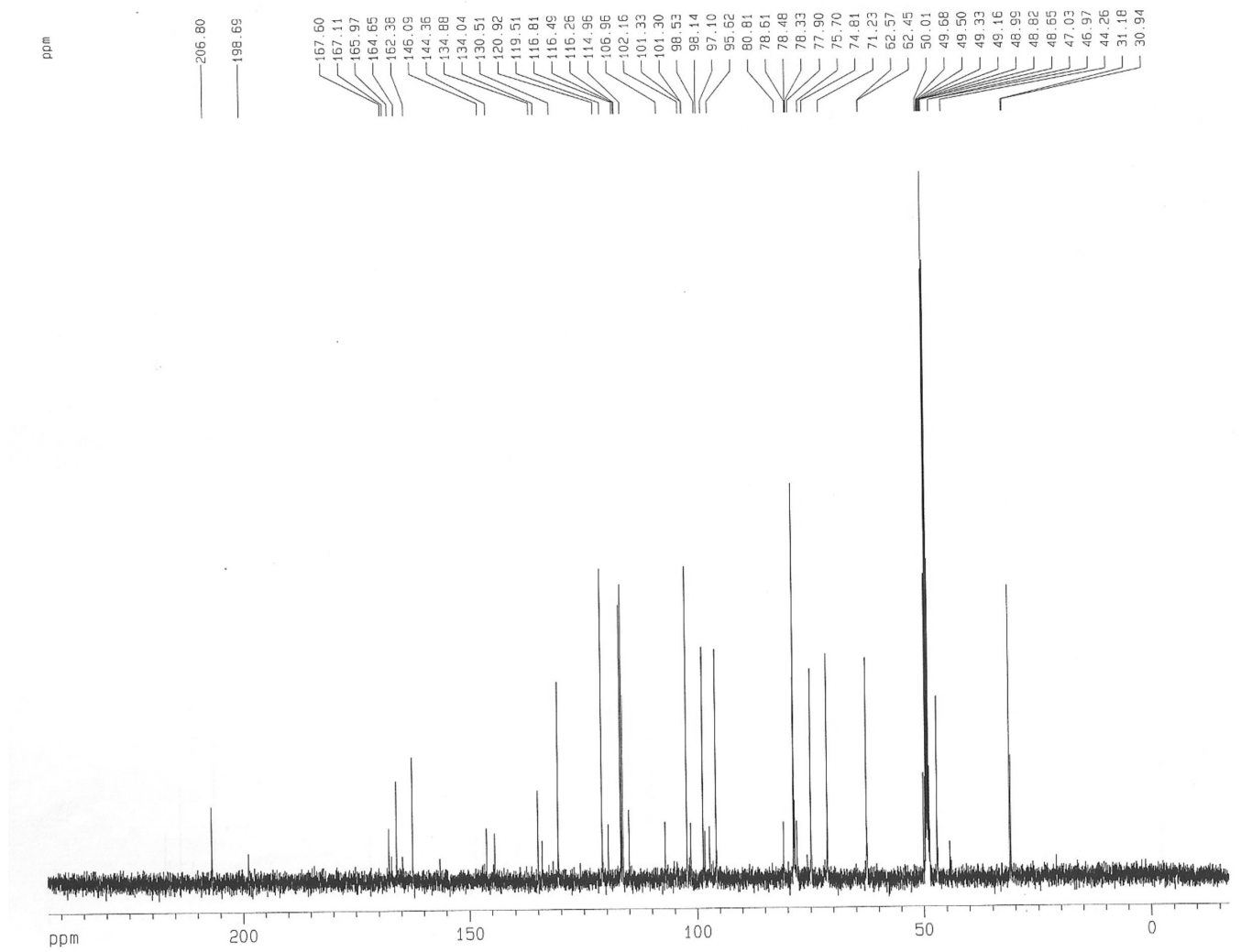


Figura 1S. IV (KBr) de 5 (2'-O-β-D-glicopiranosil-3,4,4',6'-tetra-hidroxi-di-hidrochalcona) e 6 (2'-O-β-D-glicopiranosil-4,4',6'-tri-hidroxi-di-hidrochalcona)

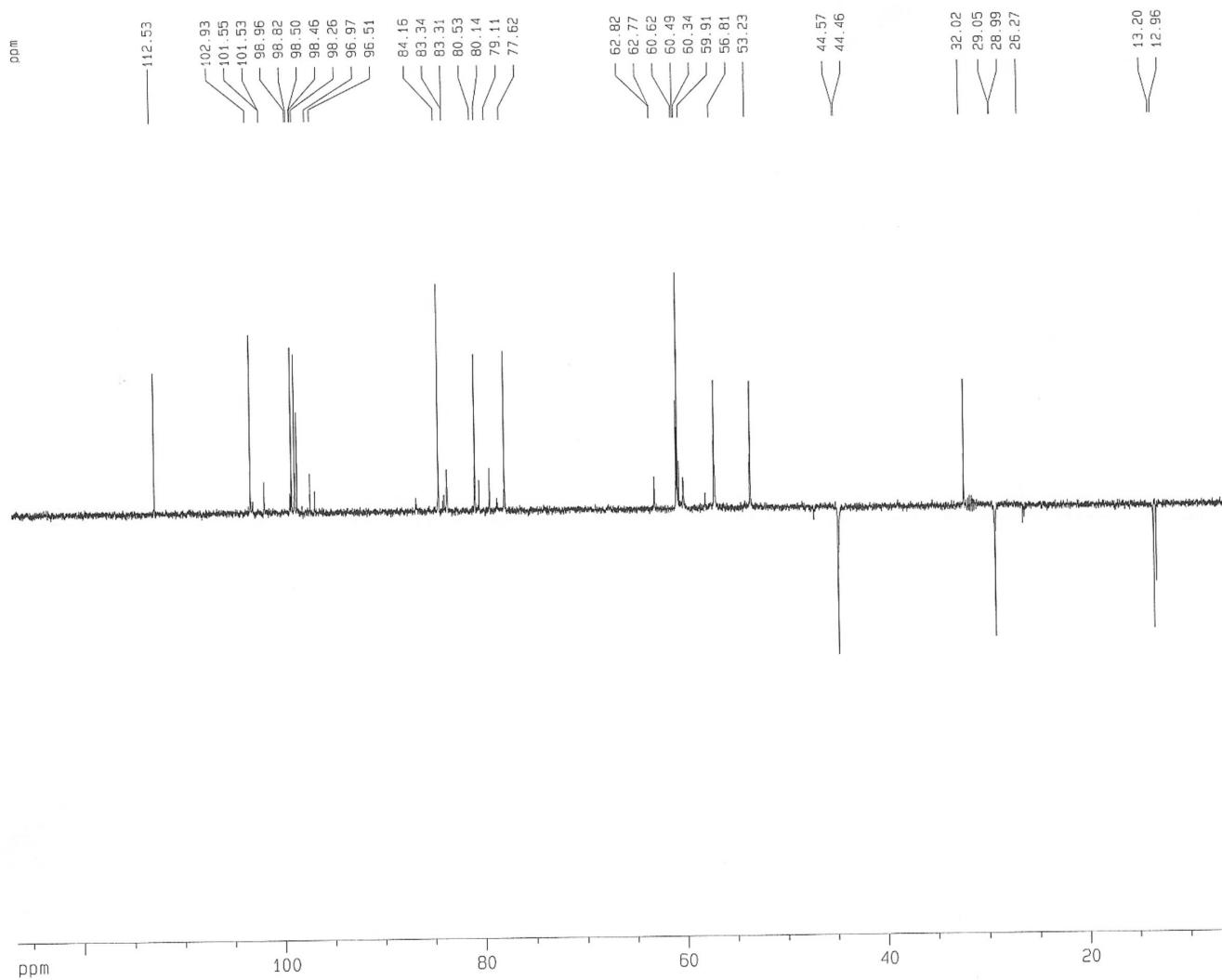
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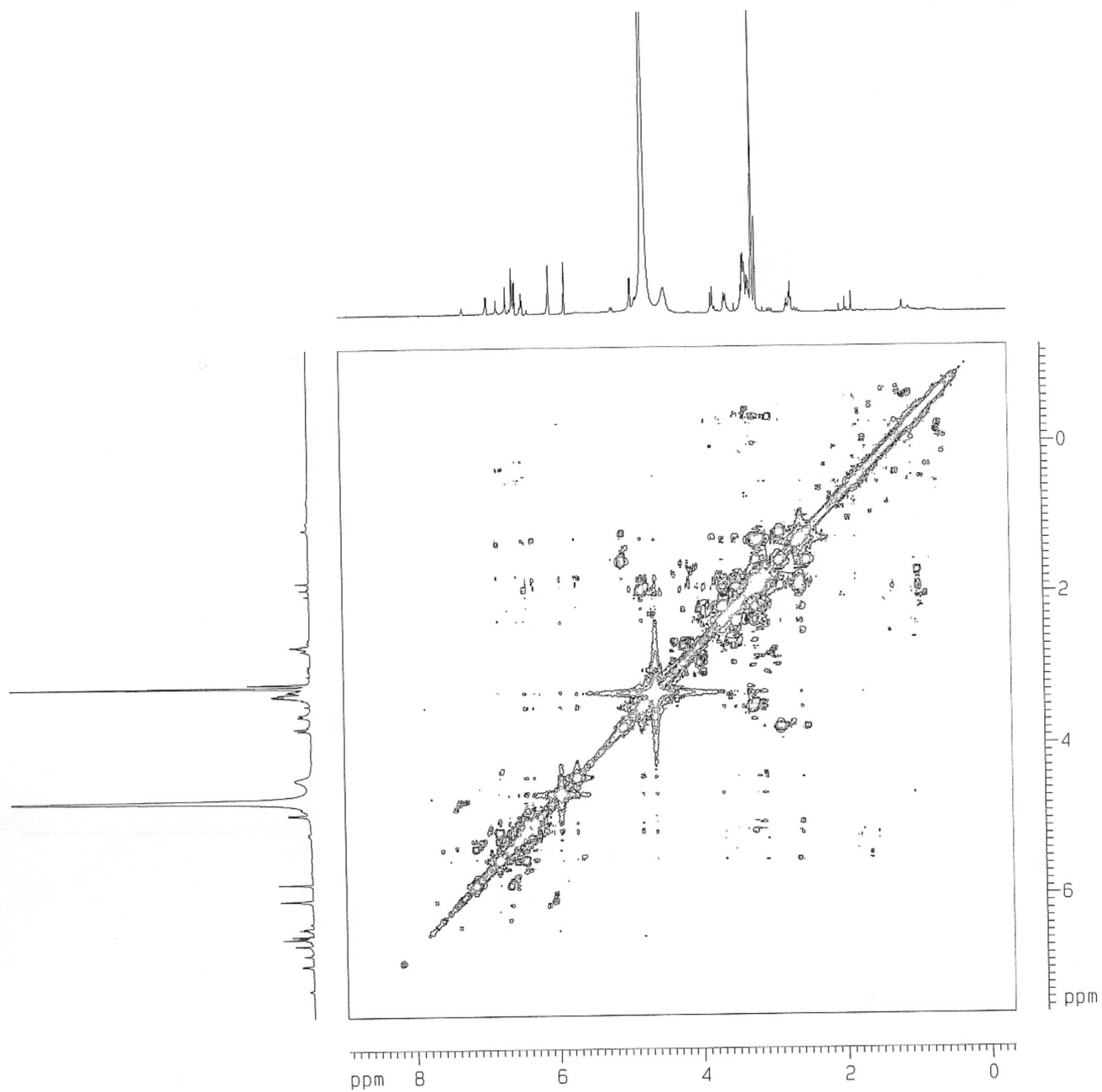
**Figura 2S.** Espectro de RMN  $^1\text{H}$  (500 MHz,  $\text{CD}_3\text{OD}$ ) de **5** (2'-O- $\beta$ -D-glicopiranosil-3,4,4',6'-tetra-hidroxi-di-hidrochalcona) e **6** (2'-O- $\beta$ -D-glicopiranosil-4,4',6'-tri-hidroxi-di-hidrochalcona)



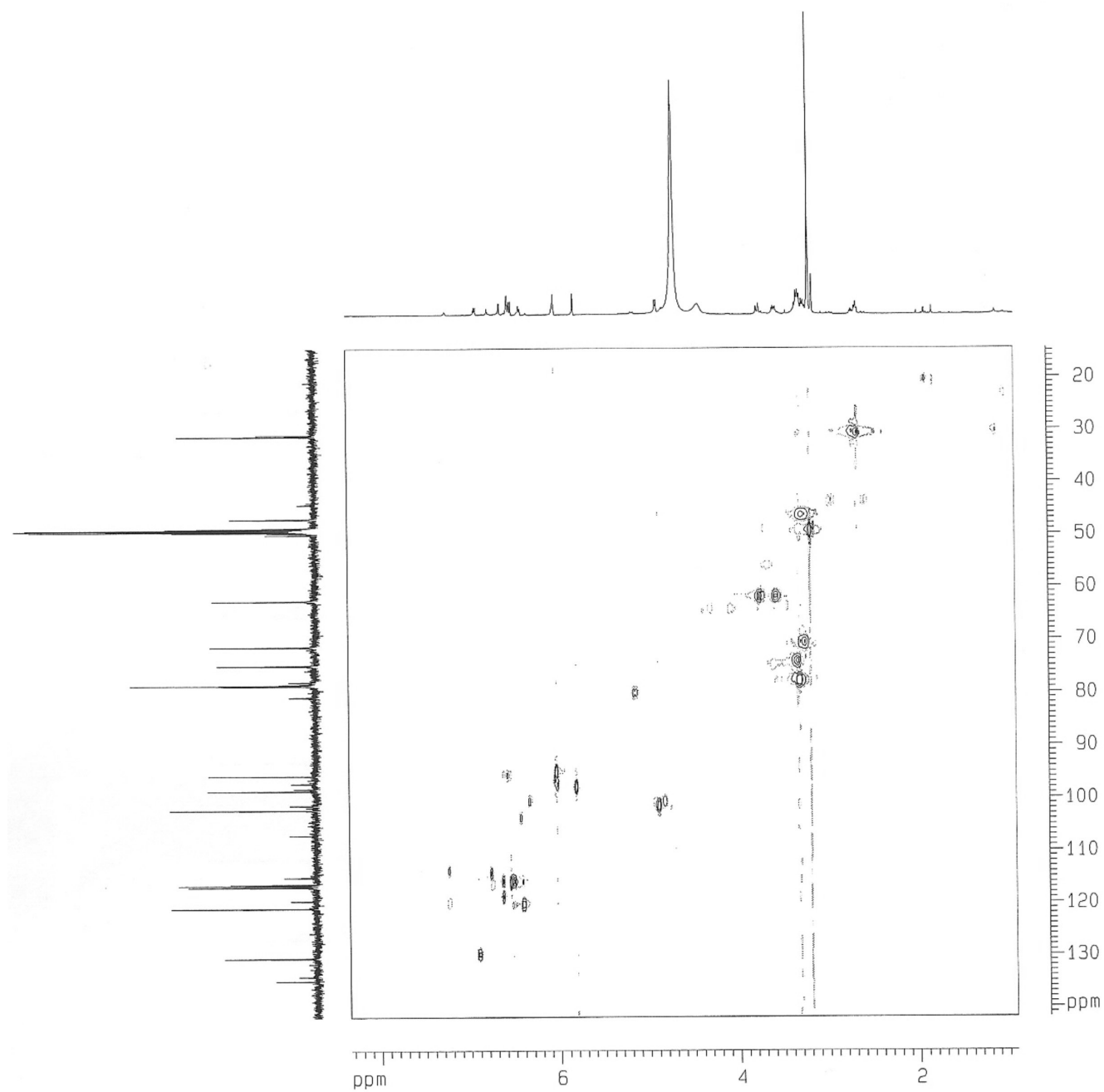
**Figura 3S.** Espectro de RMN  $^{13}\text{C}$ -BB (125 MHz,  $\text{CD}_3\text{OD}$ ) de **5** (2'-O- $\beta$ -D-glicopiranosil-3,4,4',6'-tetra-hidroxi-di-hidrochalcona) e **6** (2'-O- $\beta$ -D-glicopiranosil-4,4',6'-tri-hidroxi-di-hidrochalcona)



**Figura 4S.** Espectro de RMN  $^{13}\text{C}$ -DEPT (125 MHz,  $\text{CD}_3\text{OD}$ ) de **5** (2'-O- $\beta$ -D-glicopiranosil-3,4,4',6'-tetra-hidroxi-di-hidrochalcona) e **6** (2'-O- $\beta$ -D-glicopiranosil-4,4',6'-tri-hidroxi-di-hidrochalcona)



**Figura 5S.** Espectro de RMN COSY (500 MHz, CD<sub>3</sub>OD) de **5** (2'-O-β-D-glicopiranosil-3,4,4',6'-tetra-hidroxi-di-hidrochalcona) e **6** (2'-O-β-D-glicopiranosil-4,4',6'-tri-hidroxi-di-hidrochalcona)



**Figura 6S.** Espectro de RMN HSQC (500 MHz, CD<sub>3</sub>OD) de **5** (2'-O-β-D-glicopiranosil-3,4,4',6'-tetra-hidroxi-di-hidrochalcona) e **6** (2'-O-β-D-glicopiranosil-4,4',6'-tri-hidroxi-di-hidrochalcona)

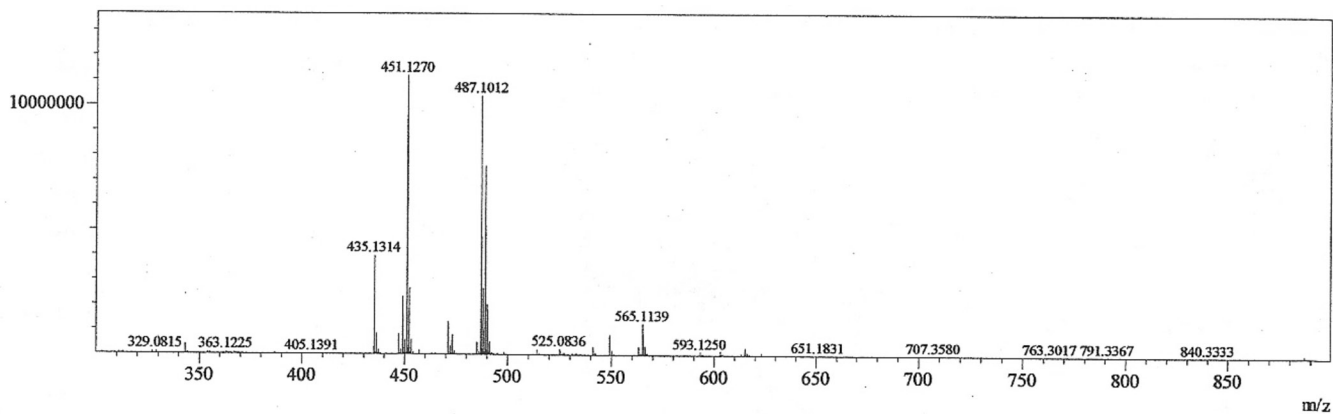


Figura 7S. Espectro de massas de alta resolução de 5 (2'-O- $\beta$ -D-glicopiranosil-3,4,4',6'-tetra-hidroxi-di-hidrochalcona) e 6 (2'-O- $\beta$ -D-glicopiranosil-4,4',6'-tri-hidroxi-di-hidrochalcona)

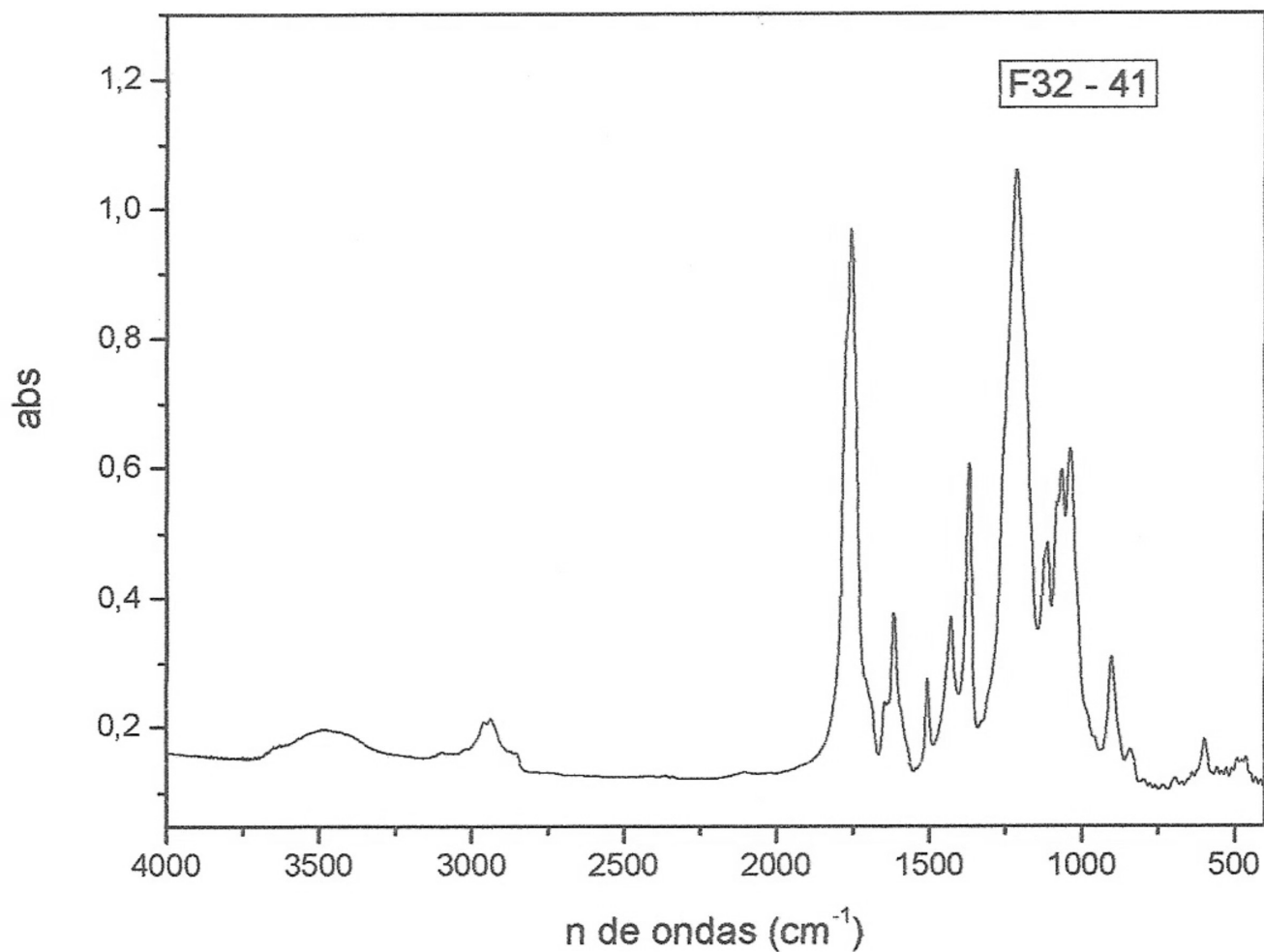
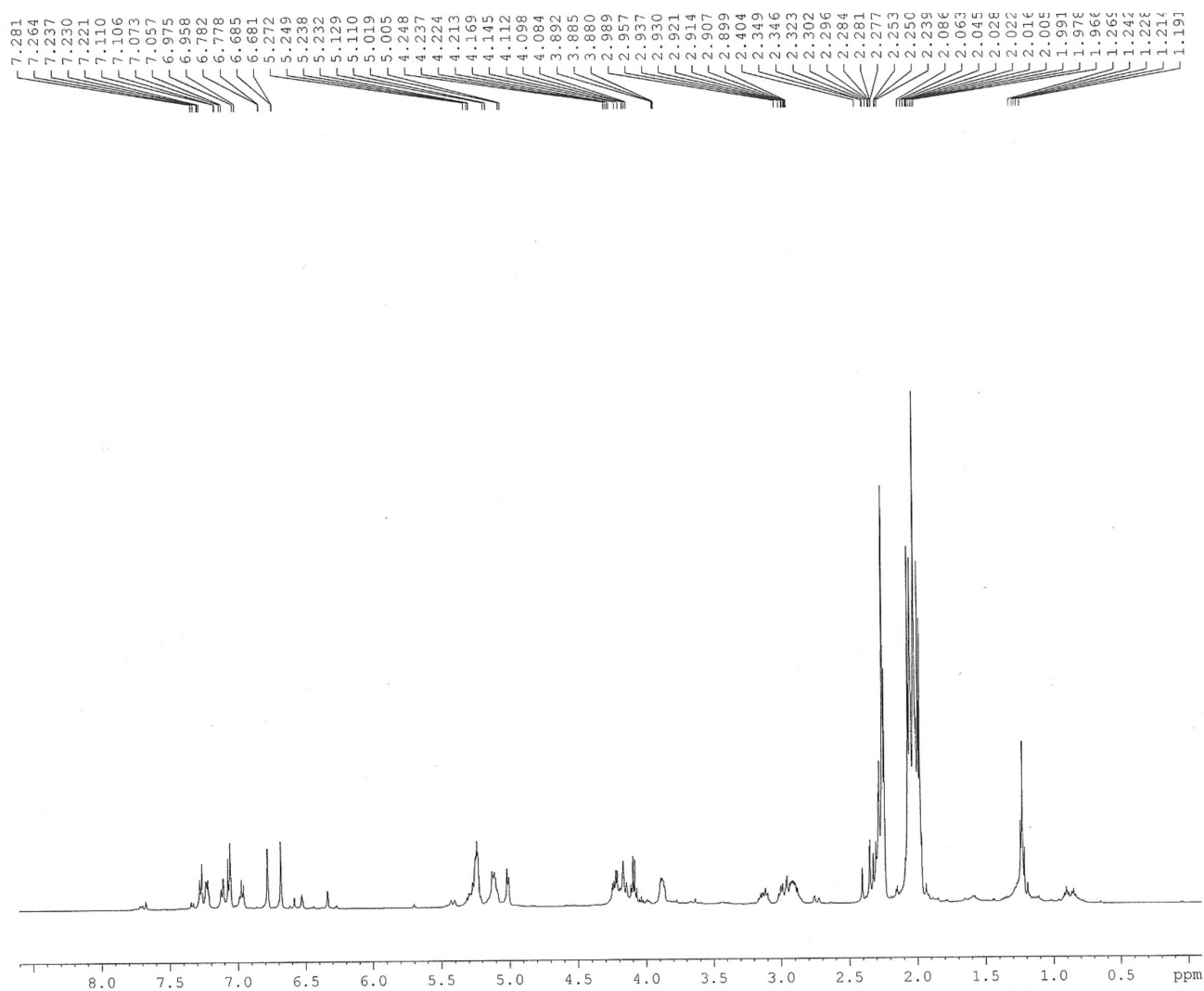
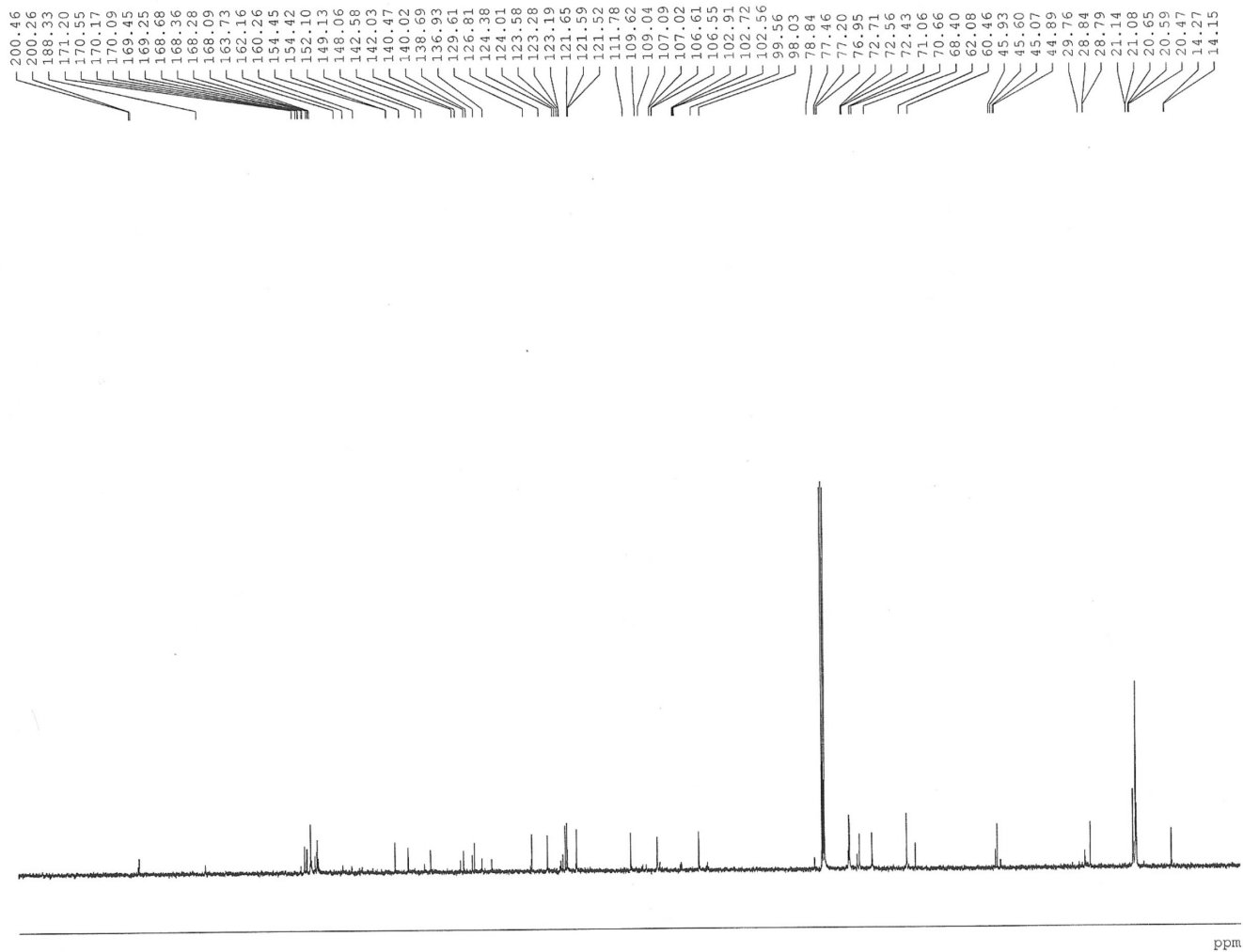


Figura 8S. IV (filme) de 5a (2'-O- $\beta$ -D-2'',3'',4'',6''-tetra-O-acetilglicopiranosil-3,4,4',6'-tetra-O-acetil-di-hidrochalcona) e 6a (2'-O- $\beta$ -D-2'',3'',4'',6''-tetra-O-acetilglicopiranosil-4,4',6'-tri-O-acetil-di-hidrochalcona)

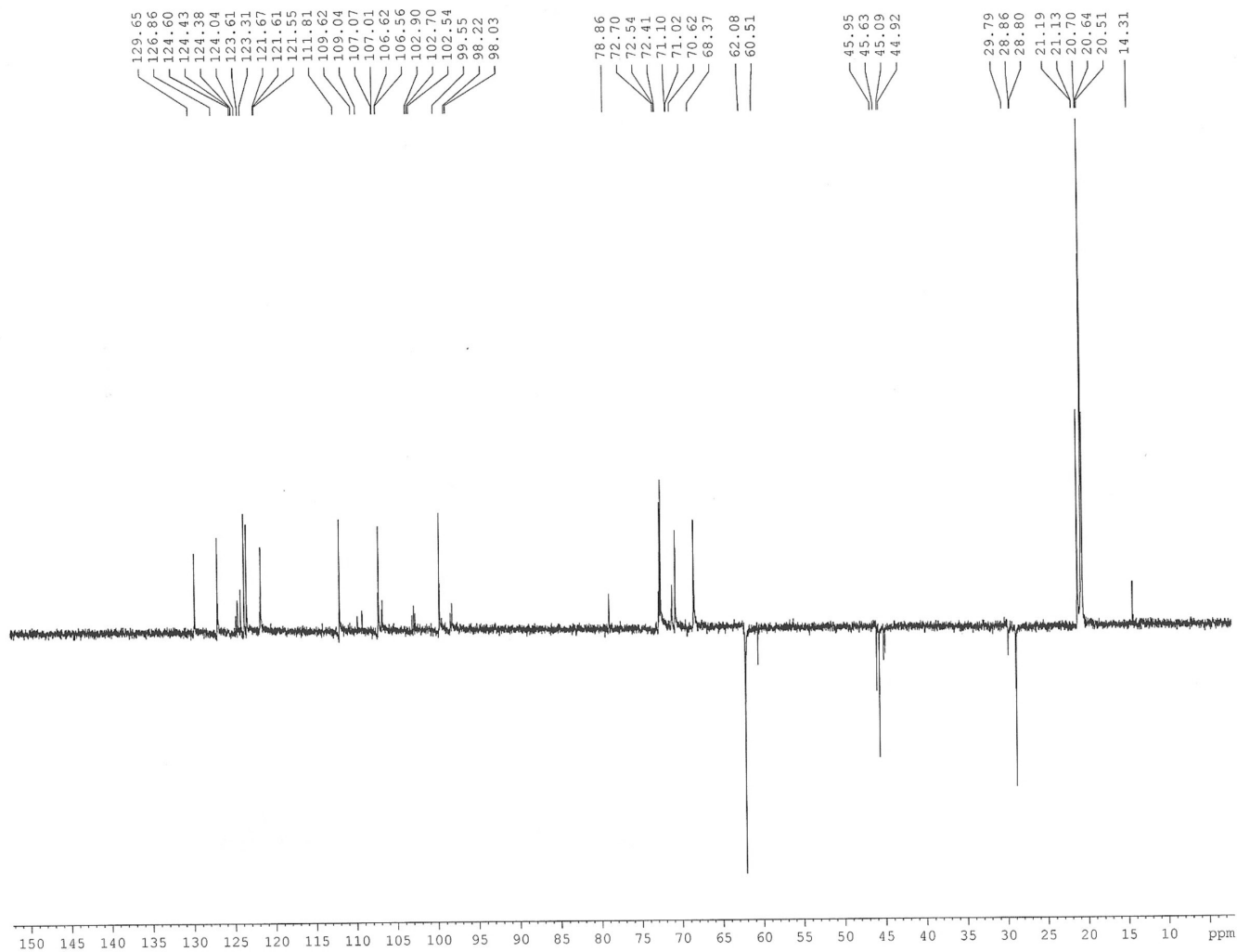


**Figura 9S.** Espectro de RMN  $^1\text{H}$  (500 MHz,  $\text{CDCl}_3$ ) de **5a** (2'-O- $\beta$ -D-2'',3'',4'',6''-tetra-O-acetilglicopiranosil-3,4,4',6'-tetra-O-acetil-di-hidrochalcona) e **6a** (2'-O- $\beta$ -D-2'',3'',4'',6''-tetra-O-acetilglicopiranosil-4,4',6'-tri-O-acetil-di-hidrochalcona)

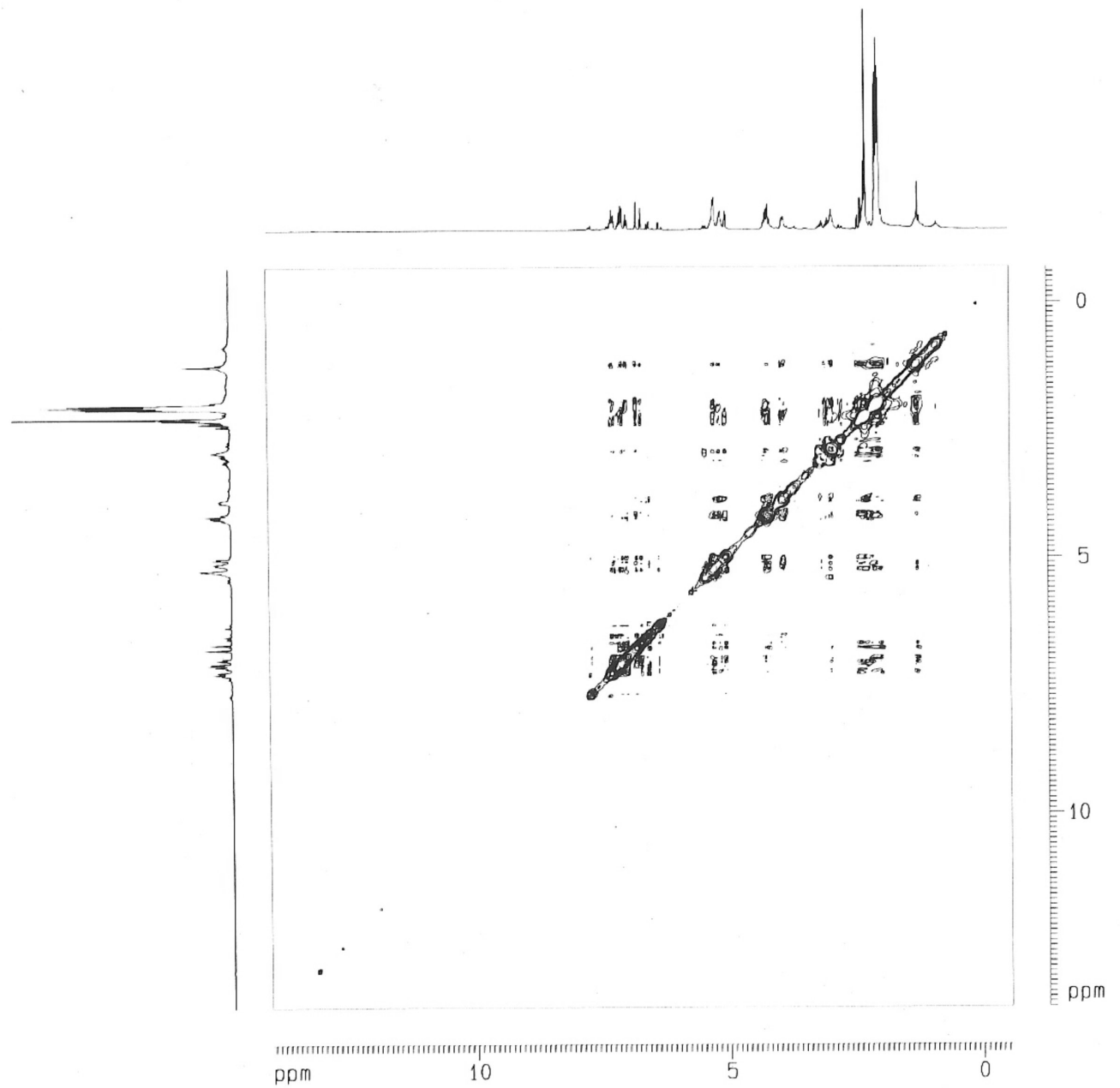




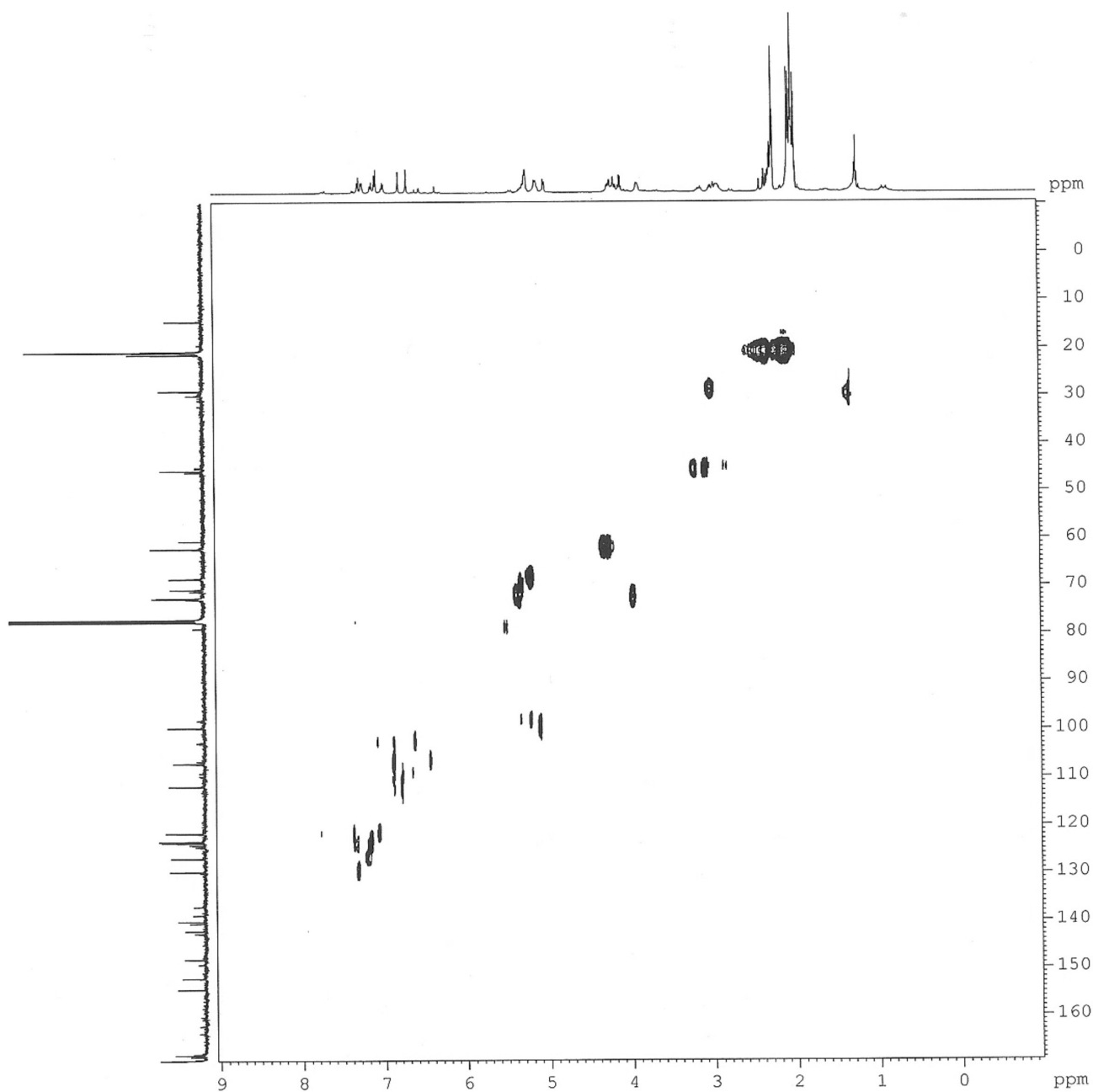
**Figura 10S.** Espectro de RMN<sup>13</sup>C-BB (125 MHz, CDCl<sub>3</sub>) de **5a** (2'-O-β-D-2'',3'',4'',6''-tetra-O-acetilglicopiranosil-3,4,4',6'-tetra-O-acetil-di-hidrochalcona) e **6a** (2'-O-β-D-2'',3'',4'',6''-tetra-O-acetilglicopiranosil-4,4',6'-tri-O-acetil-di-hidrochalcona)



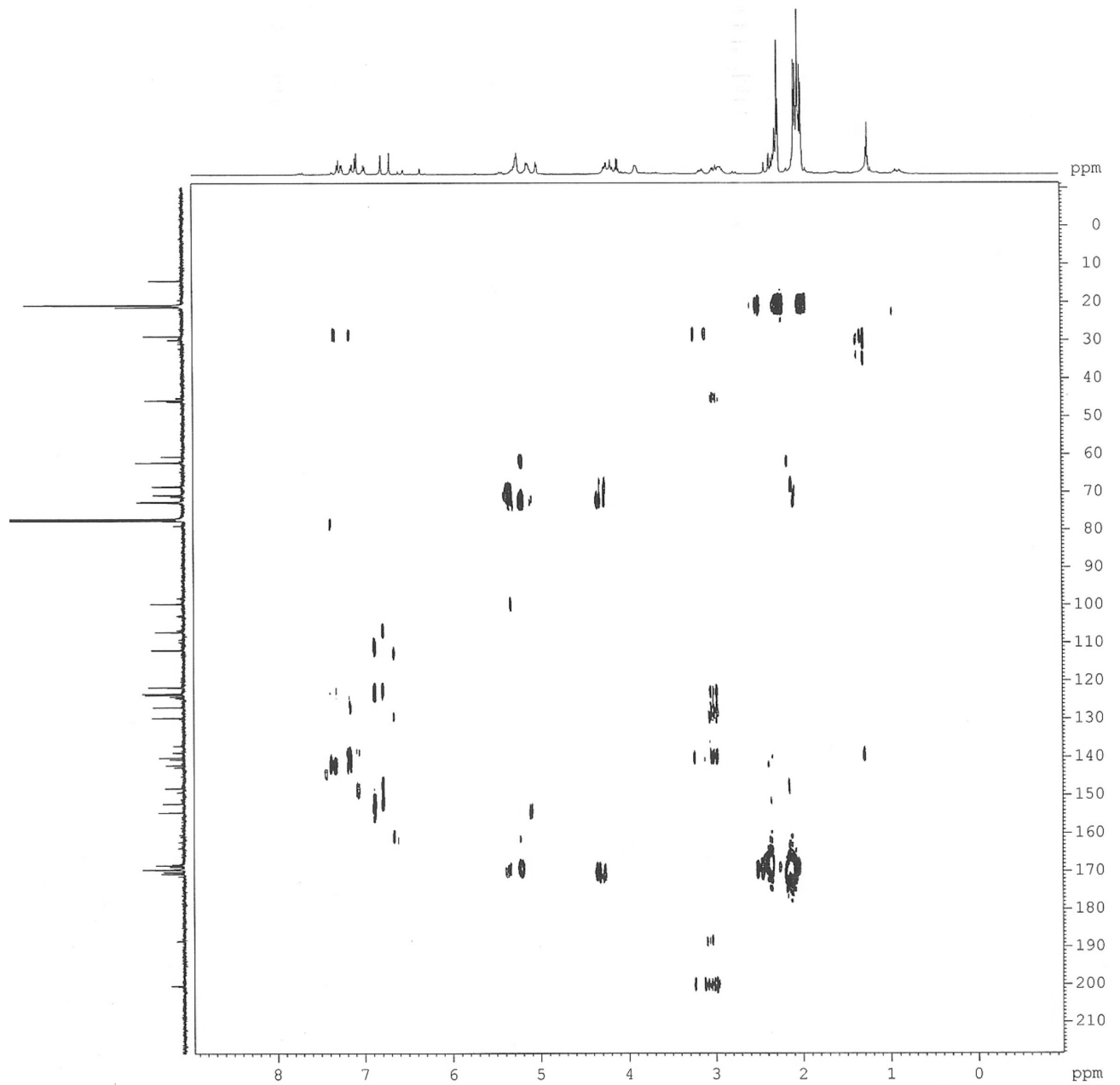
**Figura 11S.** Espectro de RMN  $^{13}\text{C}$ -DEPT (125 MHz,  $\text{CDCl}_3$ ) de **5a** (2'-O- $\beta$ -D-2'',3'',4'',6''-tetra-O-acetilglicopiranosil-3,4,4',6'-tetra-O-acetil-di-hidro-chalcona) e **6a** (2'-O- $\beta$ -D-2'',3'',4'',6''-tetra-O-acetilglicopiranosil-4,4',6'-tri-O-acetil-di-hidrochalcona)



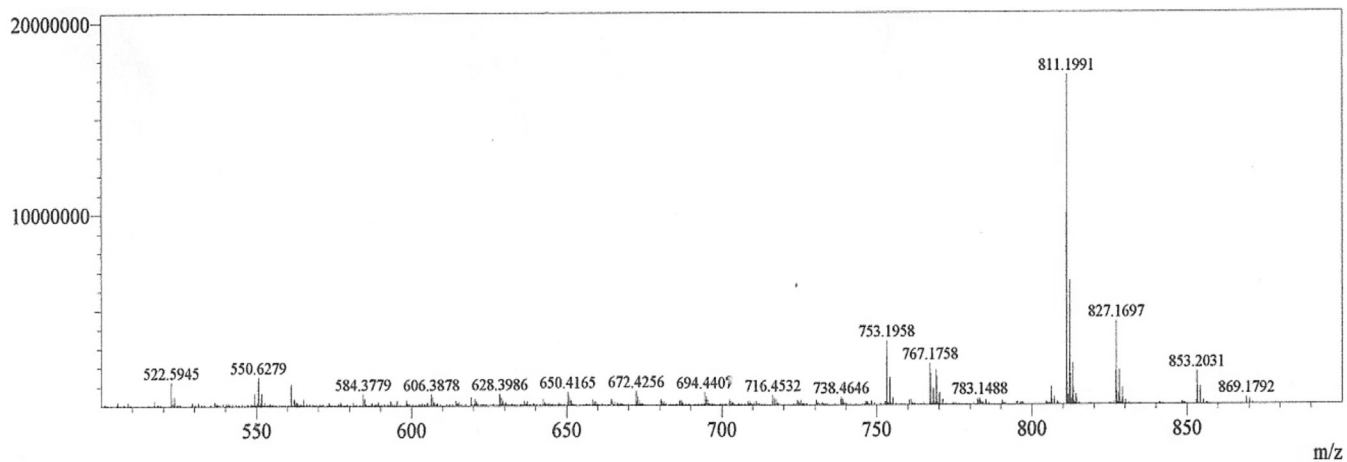
**Figura 12S.** Espectro de RMN COSY (500 MHz, CDCl<sub>3</sub>) de **5a** (2'-O-β-D-2'',3'',4'',6''-tetra-O-acetilglicopiranosil-3,4,4',6'-tetra-O-acetil-di-hidrochalcona) e **6a** (2'-O-β-D-2'',3'',4'',6''-tetra-O-acetilglicopiranosil-4,4',6'-tri-O-acetil-di-hidrochalcona)



**Figura 13S.** Espectro de RMN HSQC (500 MHz, CDCl<sub>3</sub>) de **5a** (2'-O-β-D-2'',3'',4'',6''-tetra-O-acetilglicopiranosil-3,4,4',6'-tetra-O-acetil-di-hidrochalcona) e **6a** (2'-O-β-D-2'',3'',4'',6''-tetra-O-acetilglicopiranosil-4,4',6'-tri-O-acetil-di-hidrochalcona)



**Figura 14S.** Espectro de RMN HMBC (500 MHz, CDCl<sub>3</sub>) de **5a** (2'-O-β-D-2'',3'',4'',6''-tetra-O-acetilglicopiranosil-3,4,4',6'-tetra-O-acetil-di-hidrochalcona) e **6a** (2'-O-β-D-2'',3'',4'',6''-tetra-O-acetilglicopiranosil-4,4',6'-tri-O-acetil-di-hidrochalcona)



**Figura 15S.** Espectro de massas de alta resolução de **5a** (2'-O- $\beta$ -D-2'',3'',4'',6''-tetra-O-acetilglicopiranosil-3,4,4',6'-tetra-O-acetil-di-hidrochalcona) e **6a** (2'-O- $\beta$ -D-2'',3'',4'',6''-tetra-O-acetilglicopiranosil-4,4',6'-tri-O-acetil-di-hidrochalcona)