

**Siliquapyranone: a Tannic Acid Tetrahydropyran-2-one Isolated from the Leaves of Carob  
(*Ceratonia siliqua*) by Pressurised Hot Water Extraction**

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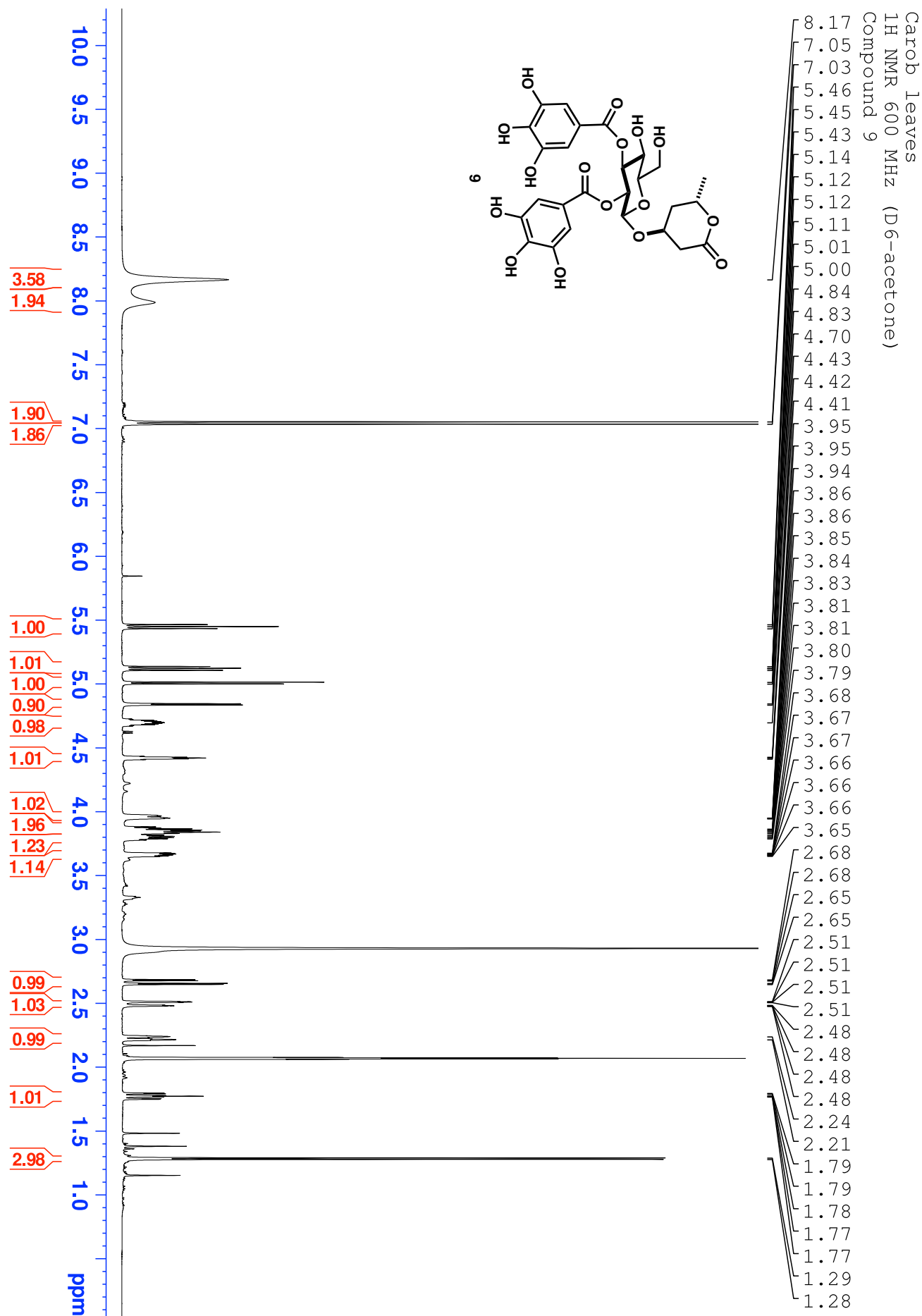
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**Supplementary Material**

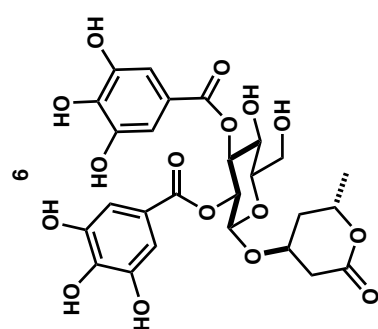
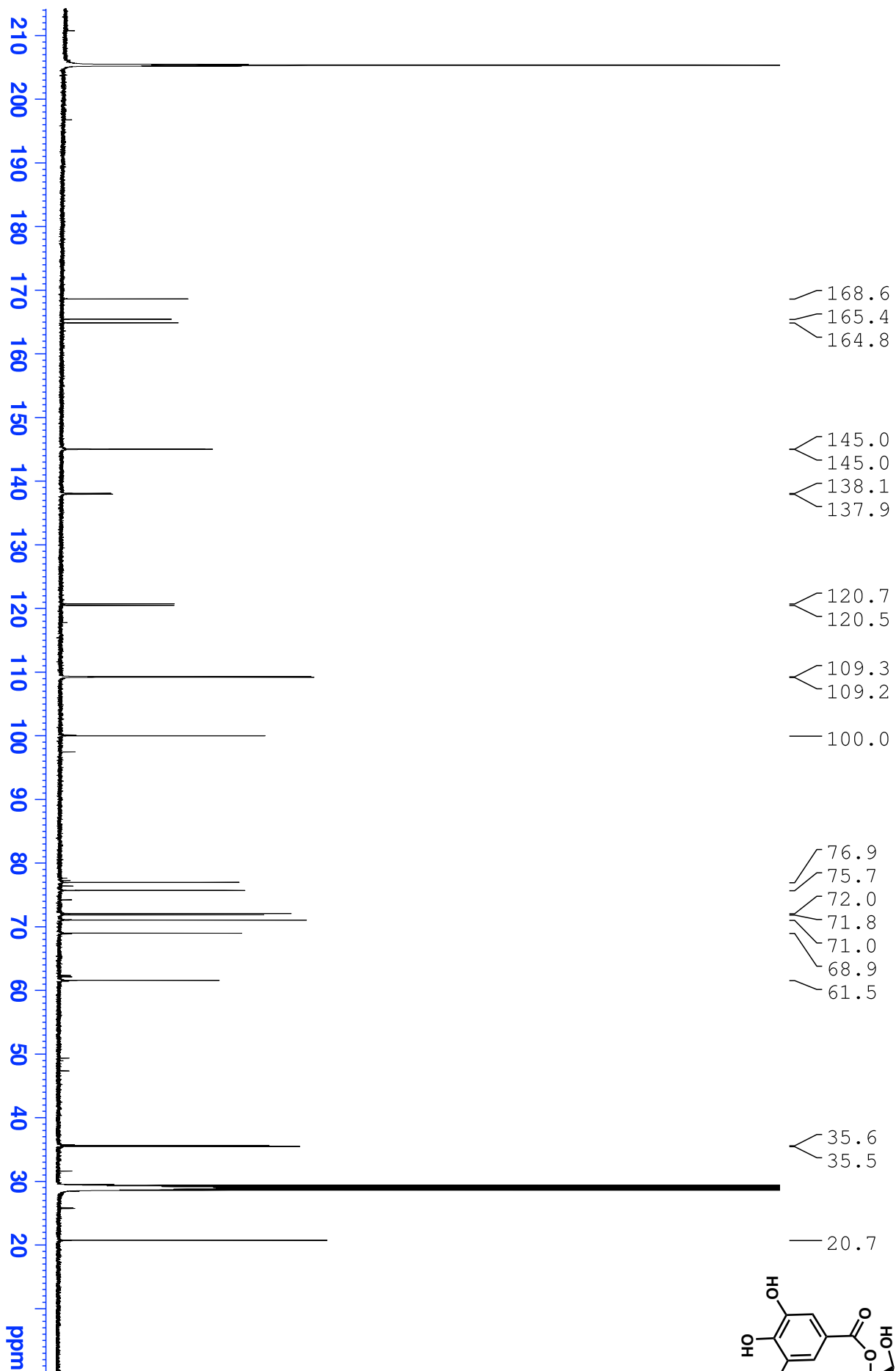
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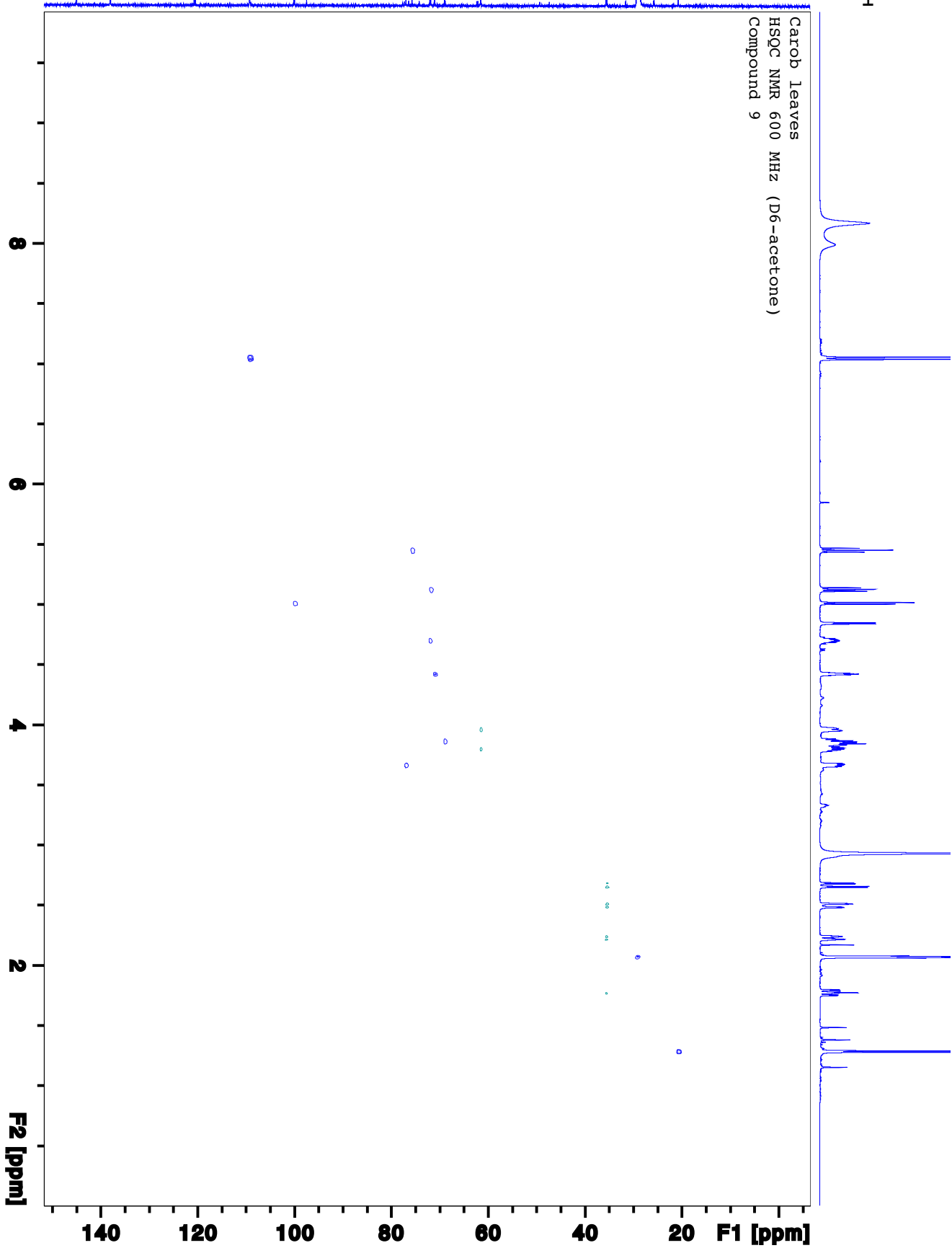
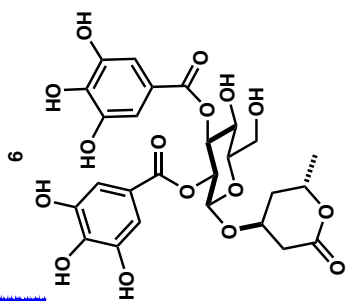
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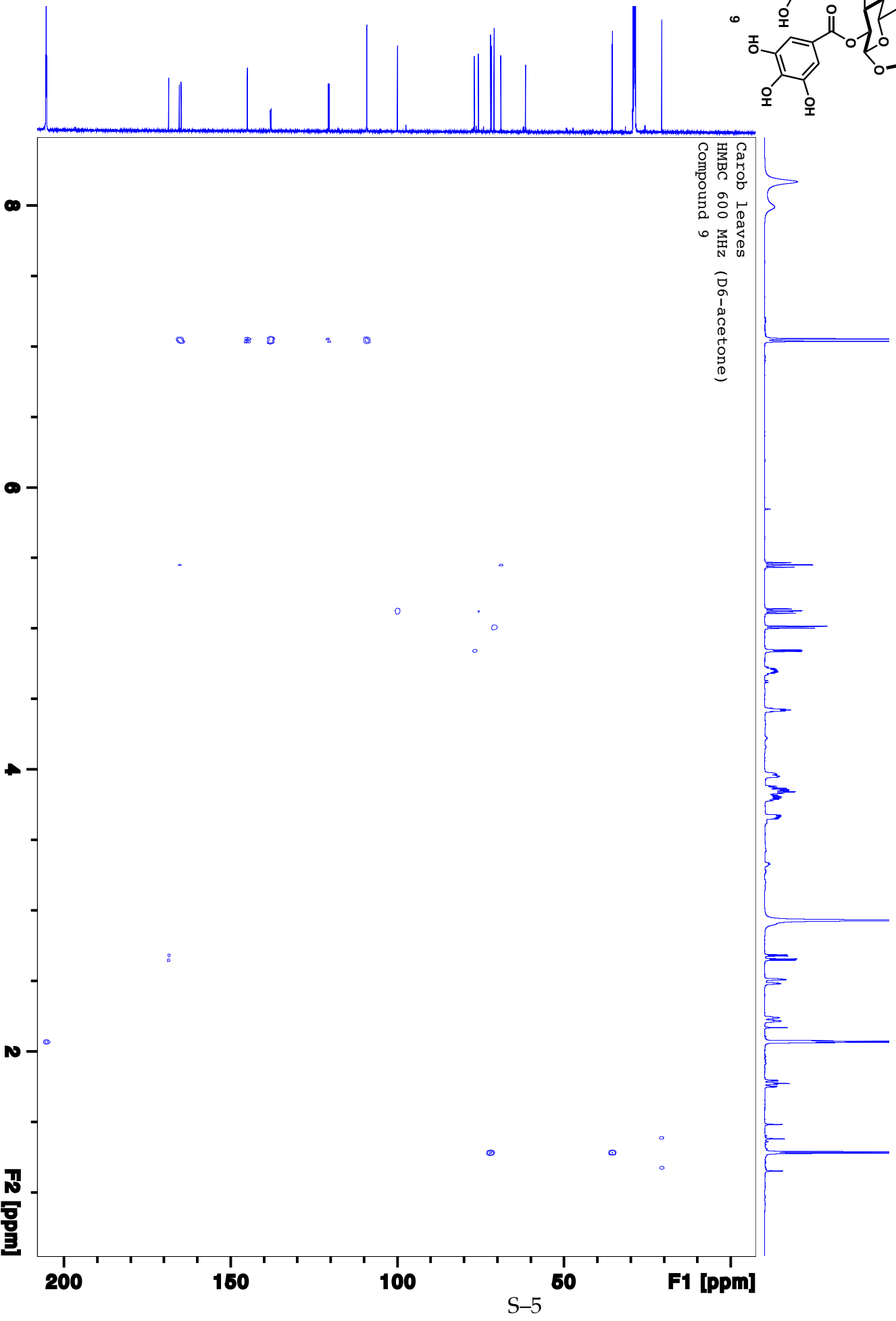
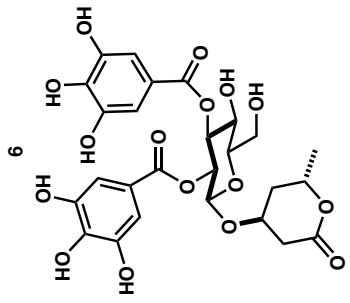
# I. $^1\text{H}$ , $^{13}\text{C}$ , HSQC, COSY and HMBC NMR Spectra

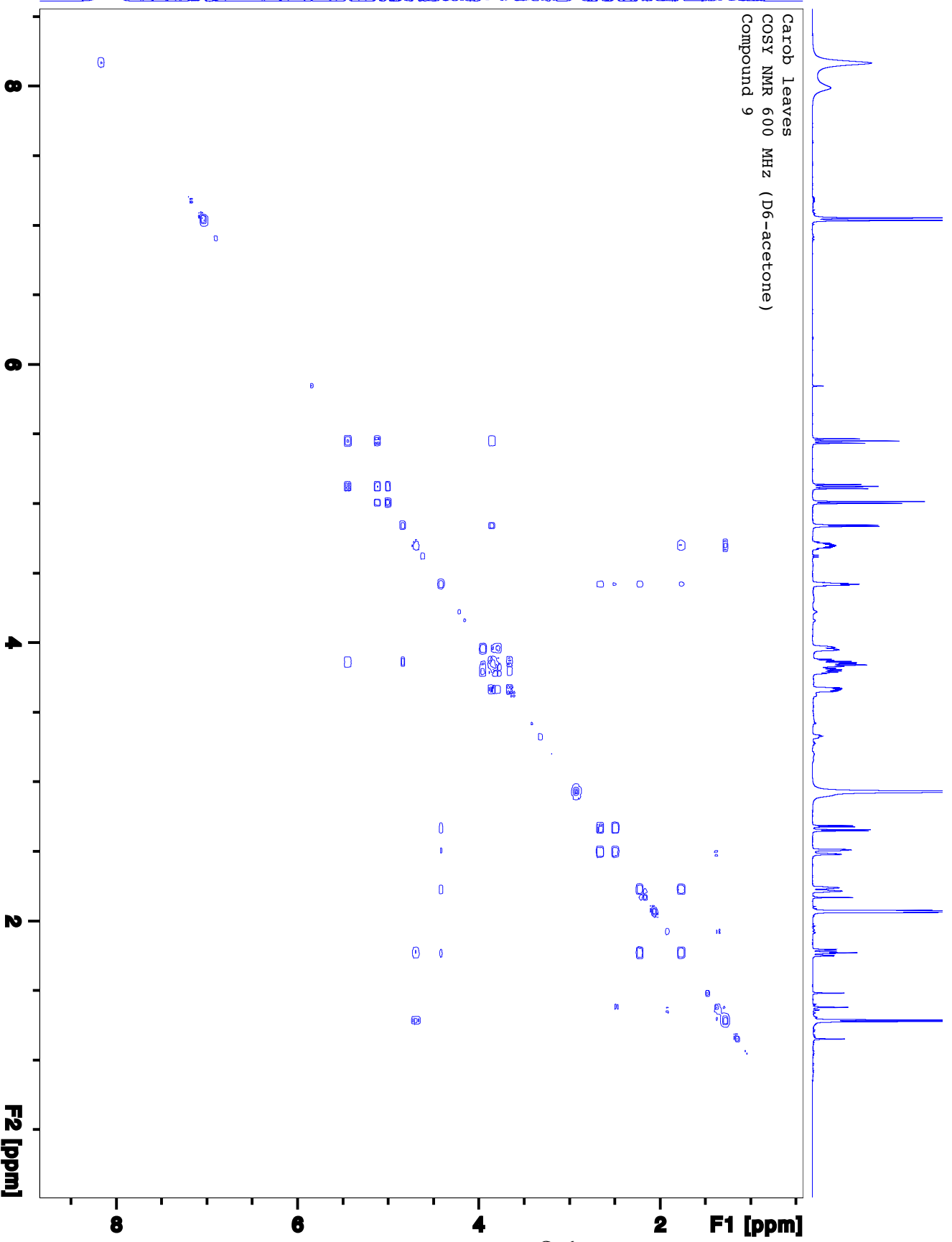
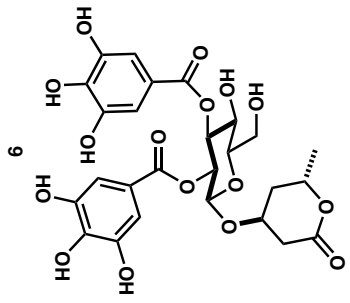


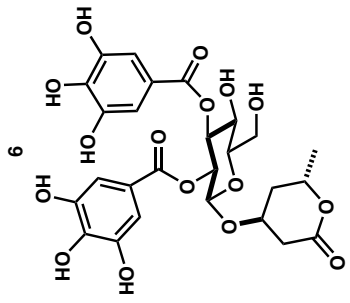
Carob Leaves  
13C NMR 150 MHz (D6-acetone)  
Compound 9



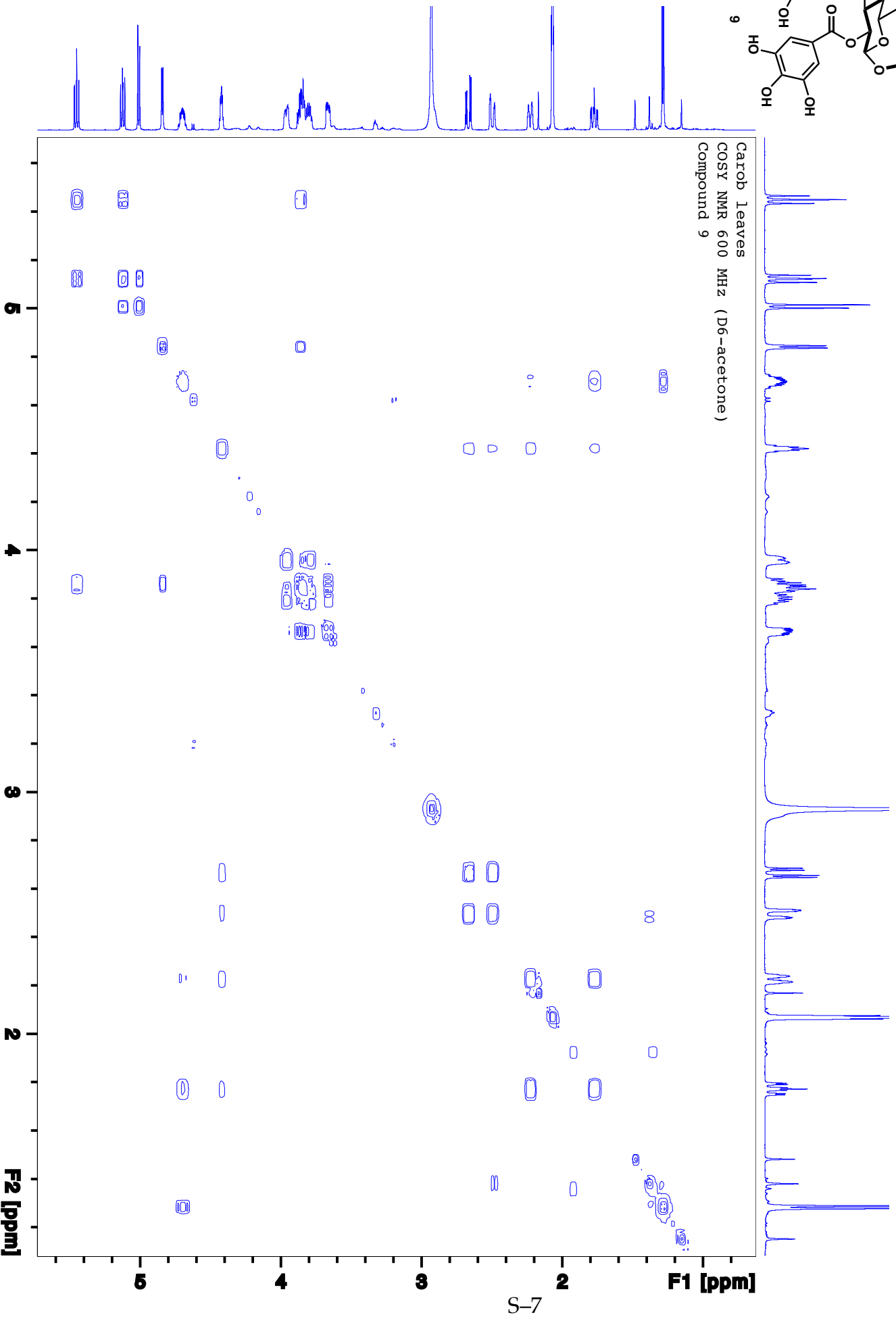




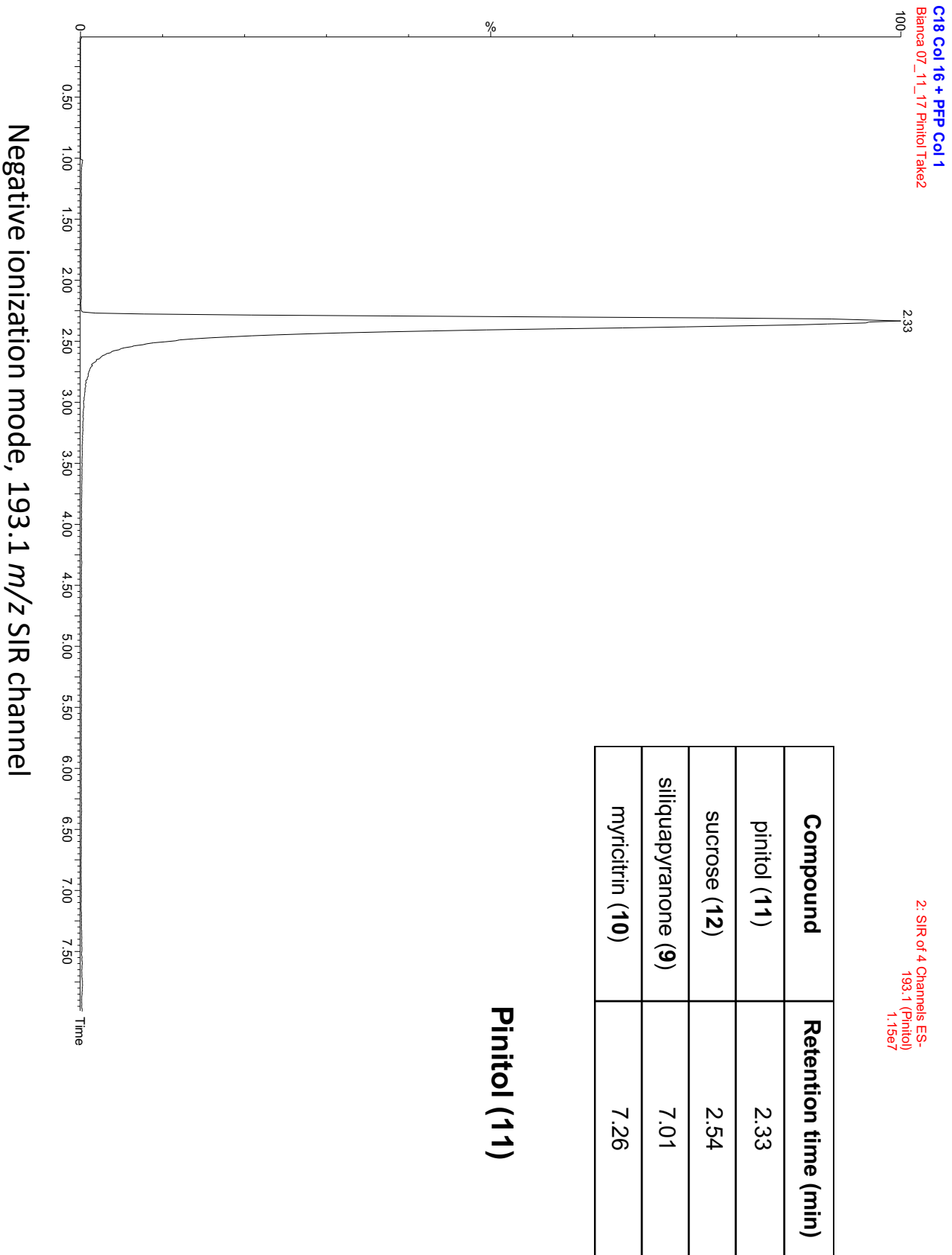




Carob Leaves  
COSY NMR 600 MHz (D6-acetone)  
Compound 9



## II. LC-MS Chromatograms: Standards

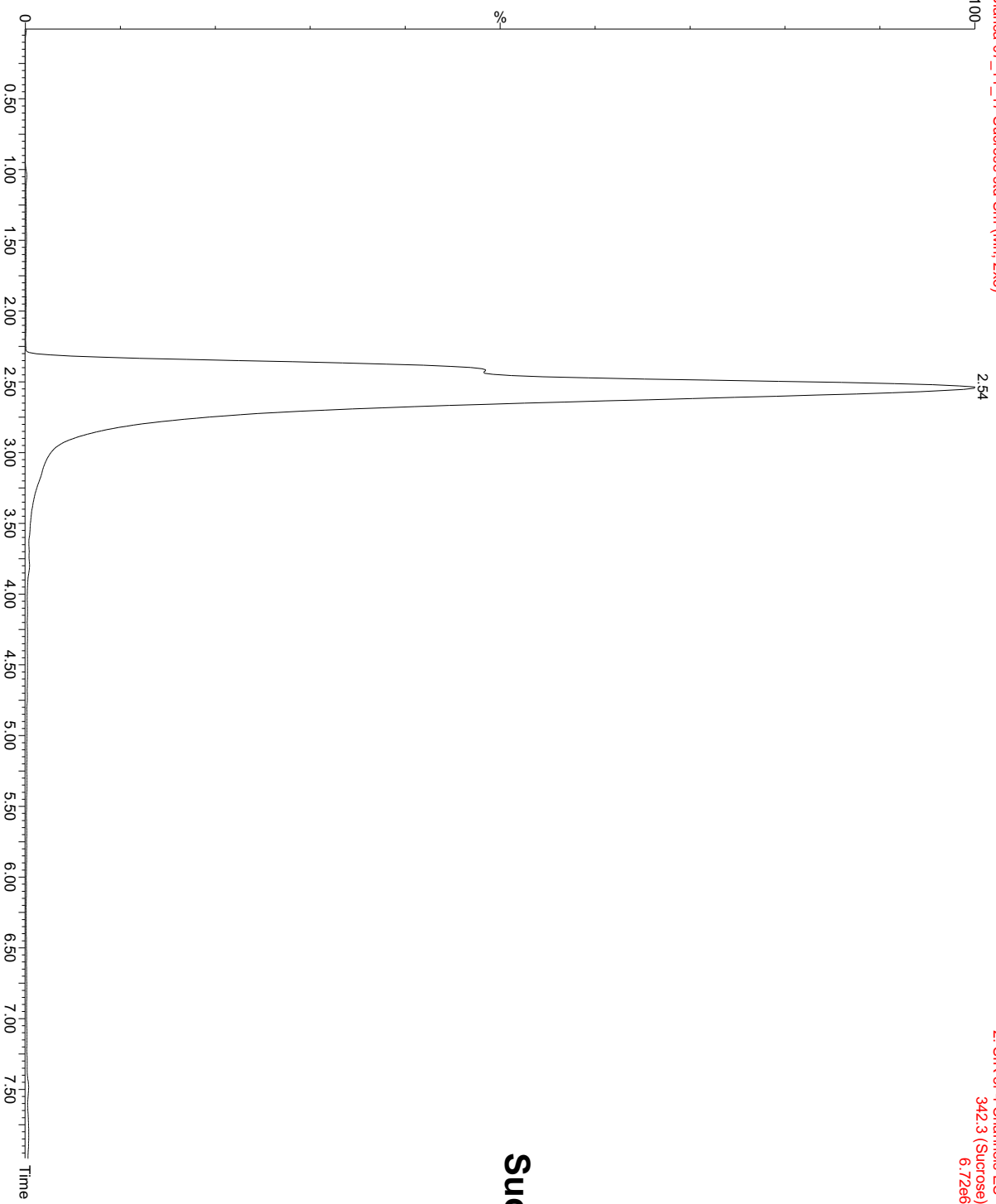




C18 Col 16 + PFP Col 1

Bianca 07\_11\_17 Sucrose std Sm (Mn, 2x3)

2: SIR of 4 Channels ES-  
342.3 (Sucrose)  
6.72e6



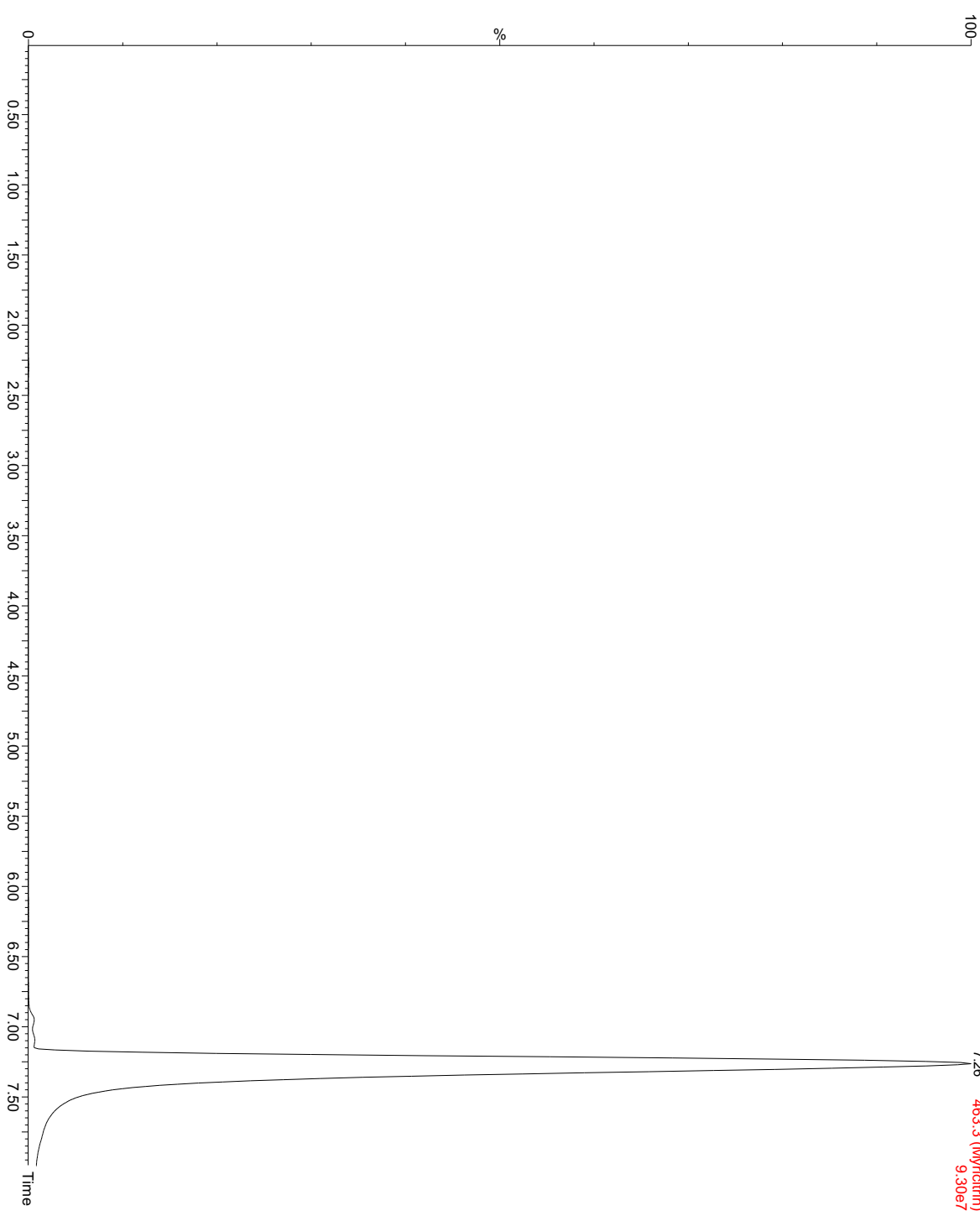
**Sucrose (12)**

Negative ionization mode, 342.3 *m/z* SIR channel

C18 Col 16 + PFP Col 1

Bianca 07\_11\_17 Myricitrin Test 01 Sm (Mn, 2x3)

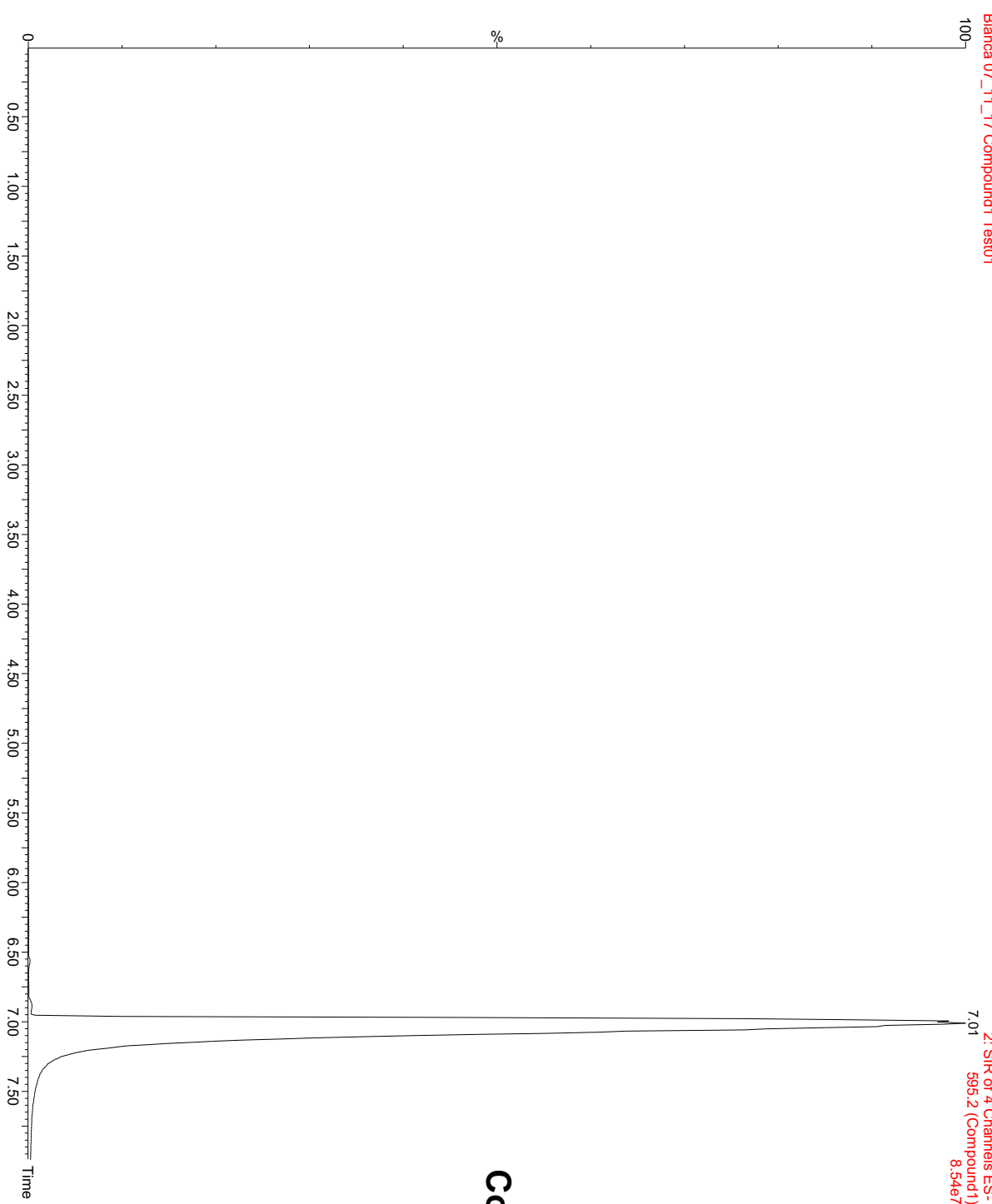
2: SIR of 4 Channels ES-  
7.26 463.3 (Myricitrin)  
9.30e7



**Myricitrin (10)**

Negative ionization mode, 463.3. m/z SIR channel

C18 Col 16 + PFP Col 1  
Bianca 07\_11\_17 Compound1 Test01



**Compound 9**

Negative ionization mode, 595.2  $m/z$  SIR channel

### III. Representative LC-MS Chromatogram: Carob Leaf Extract 1

