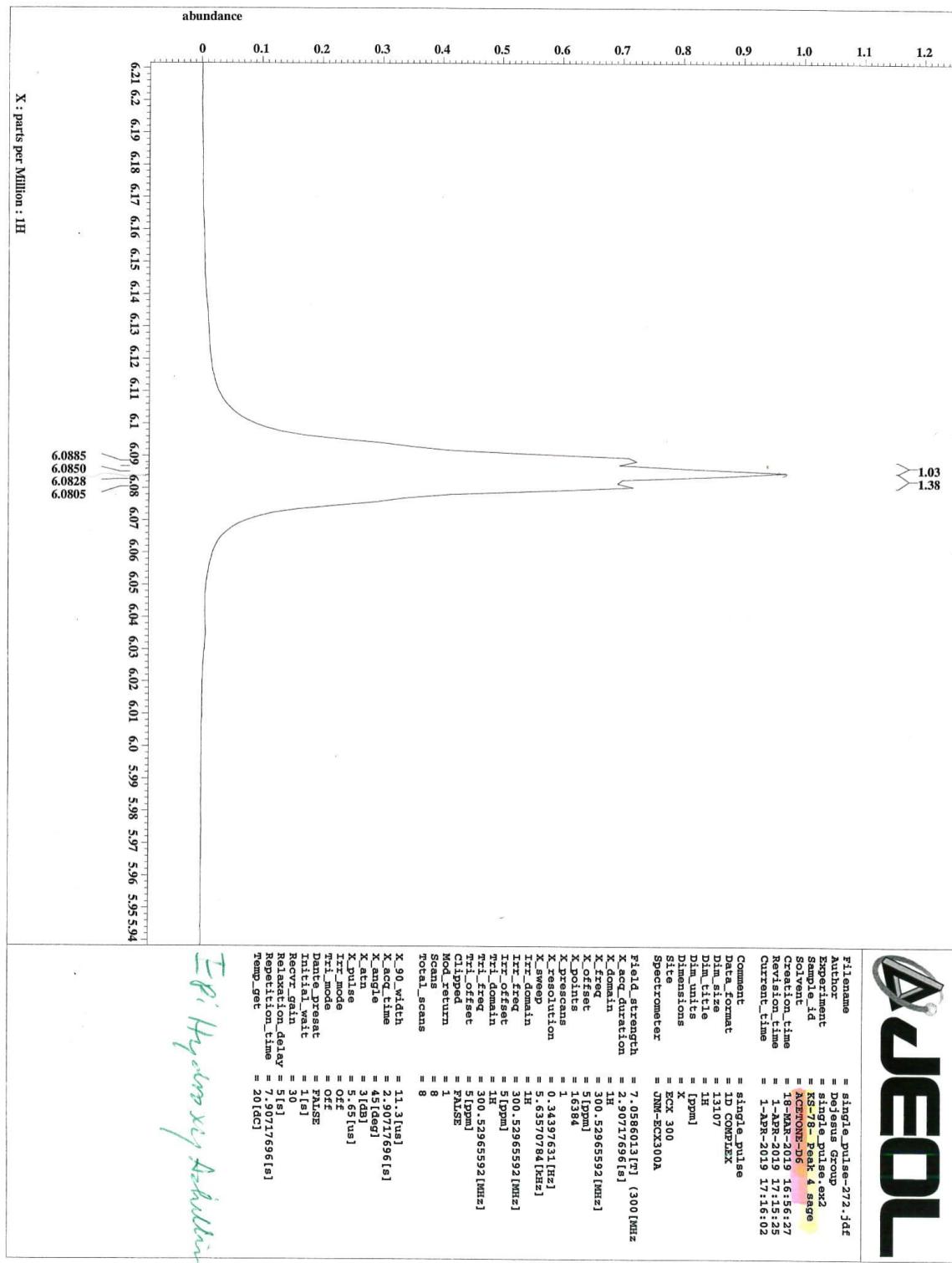
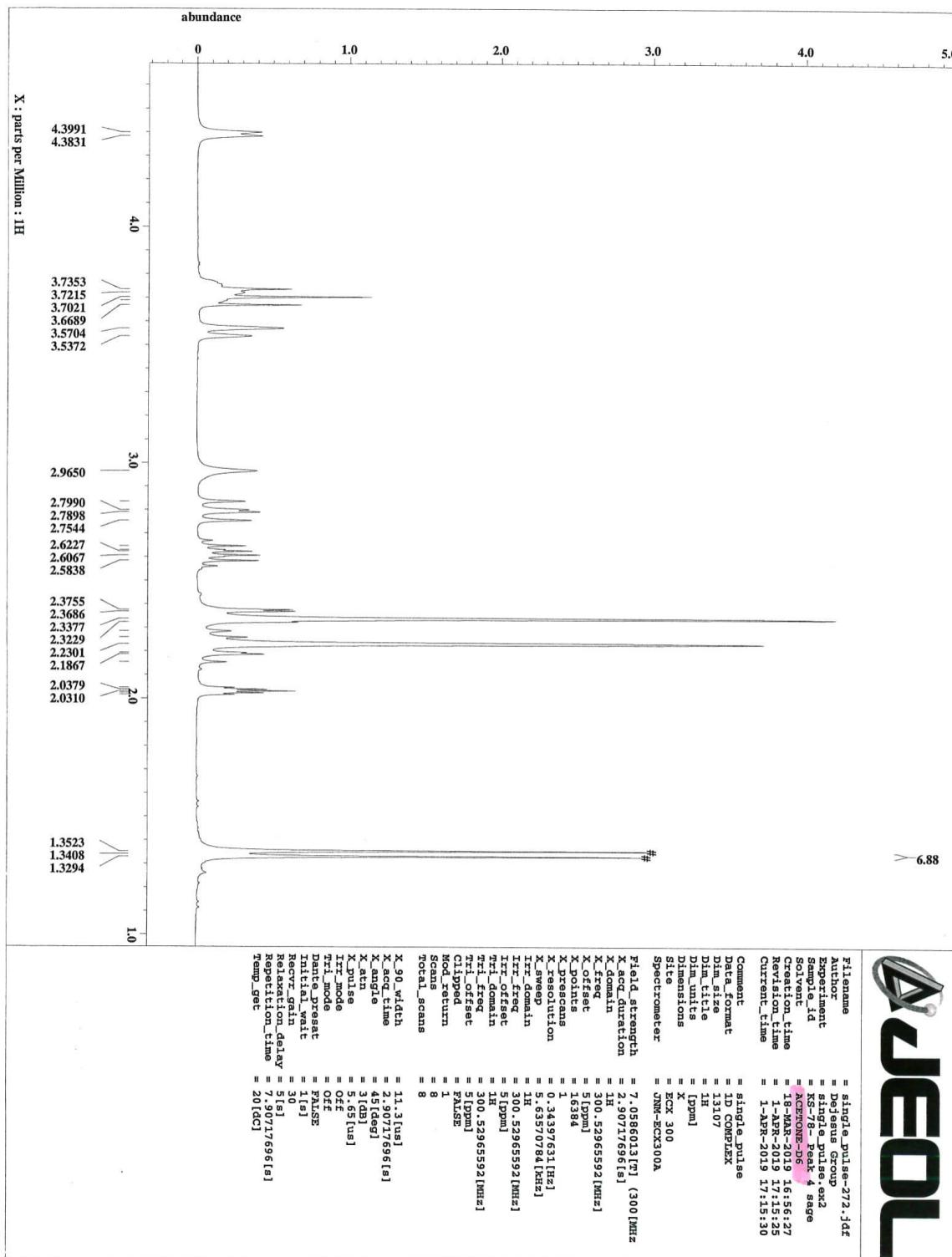
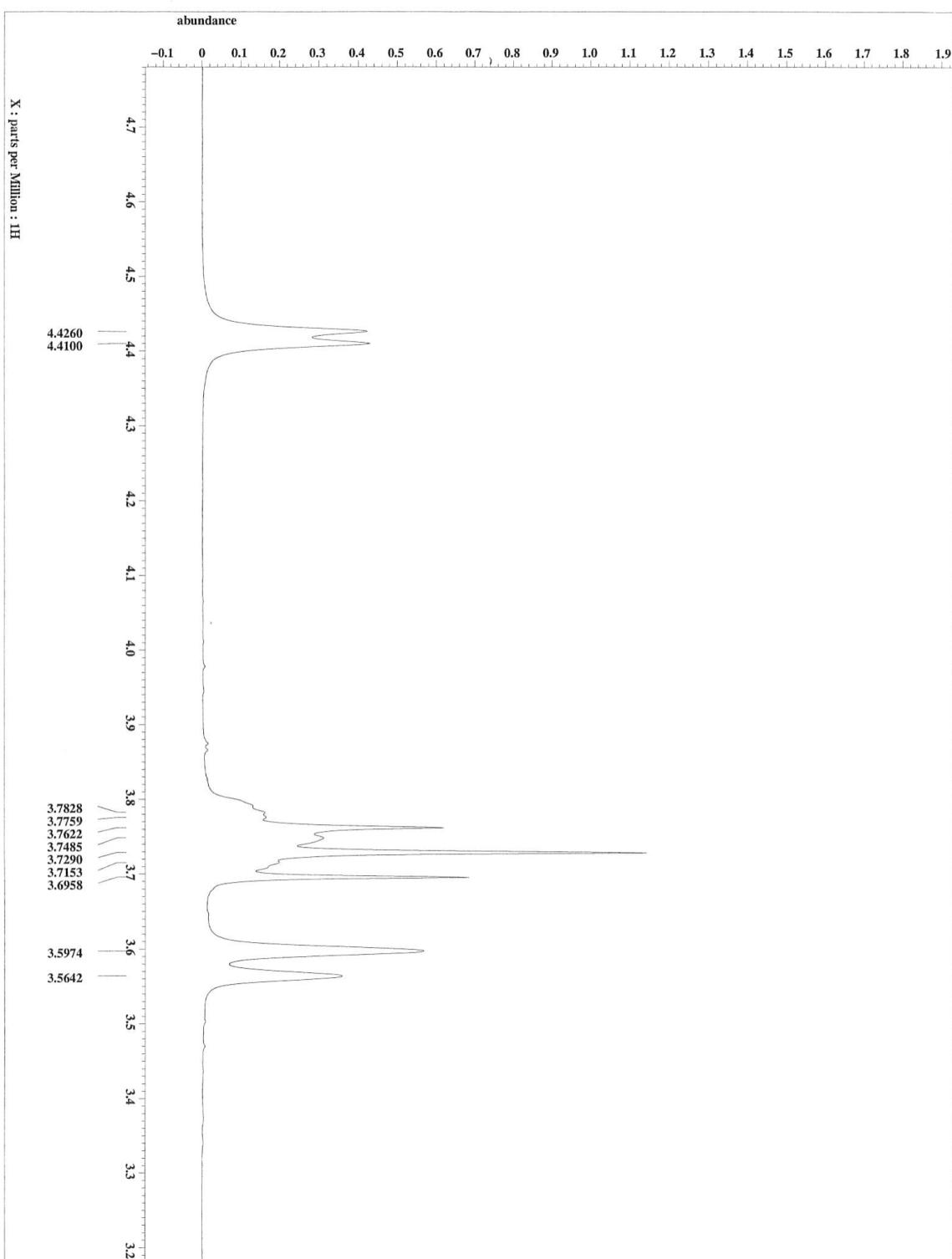
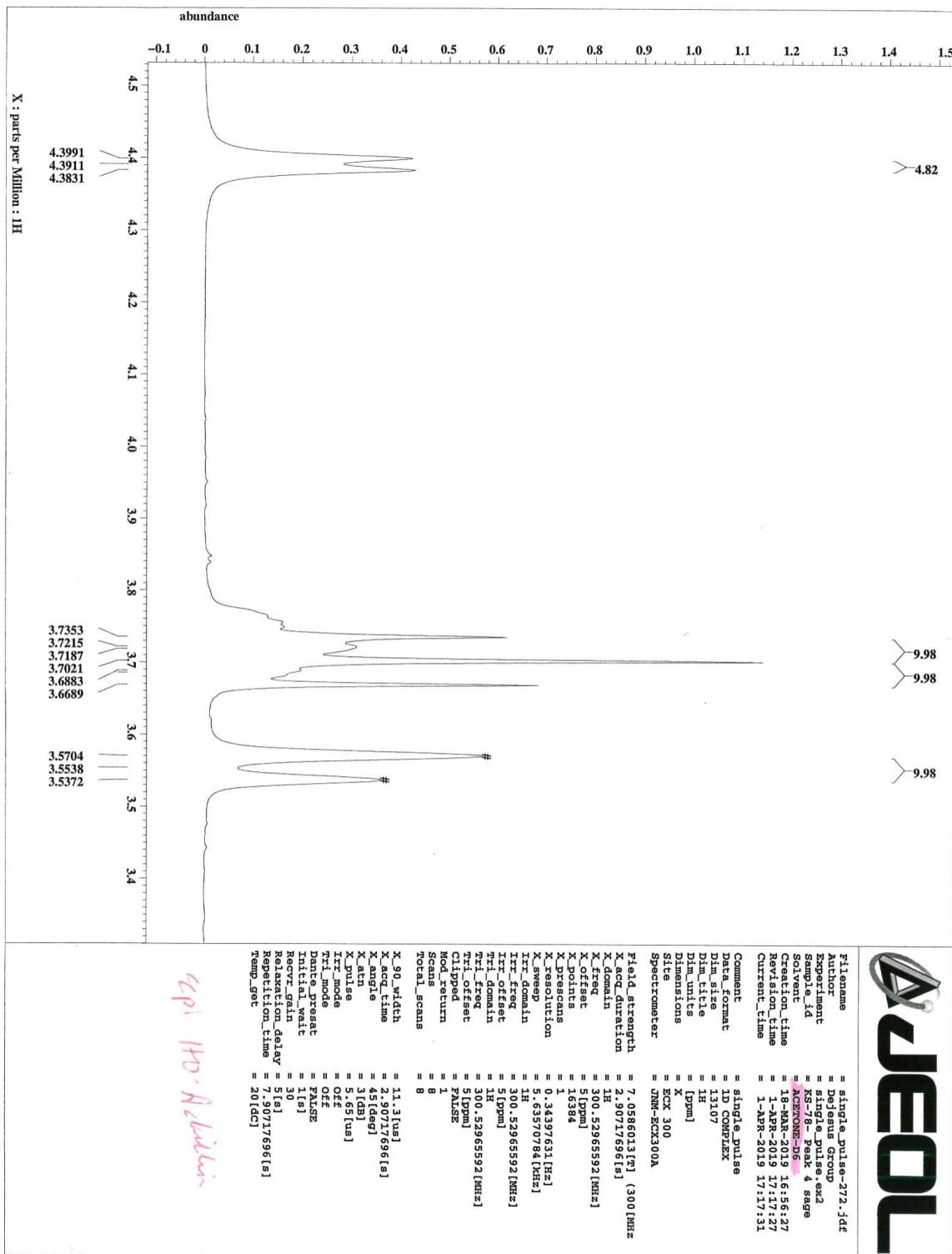


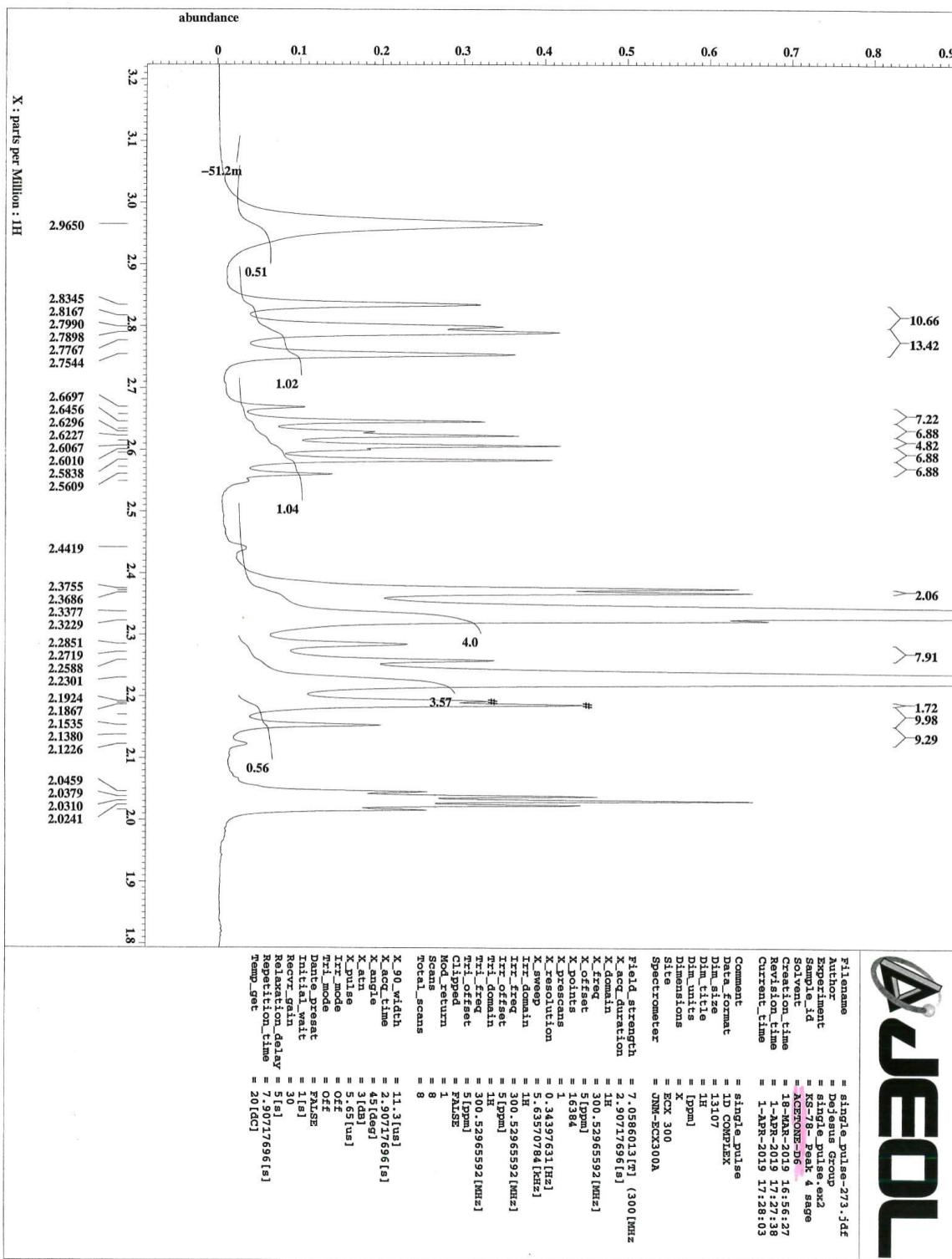
## 6.4 Hydroxyachillin NMR Spectra

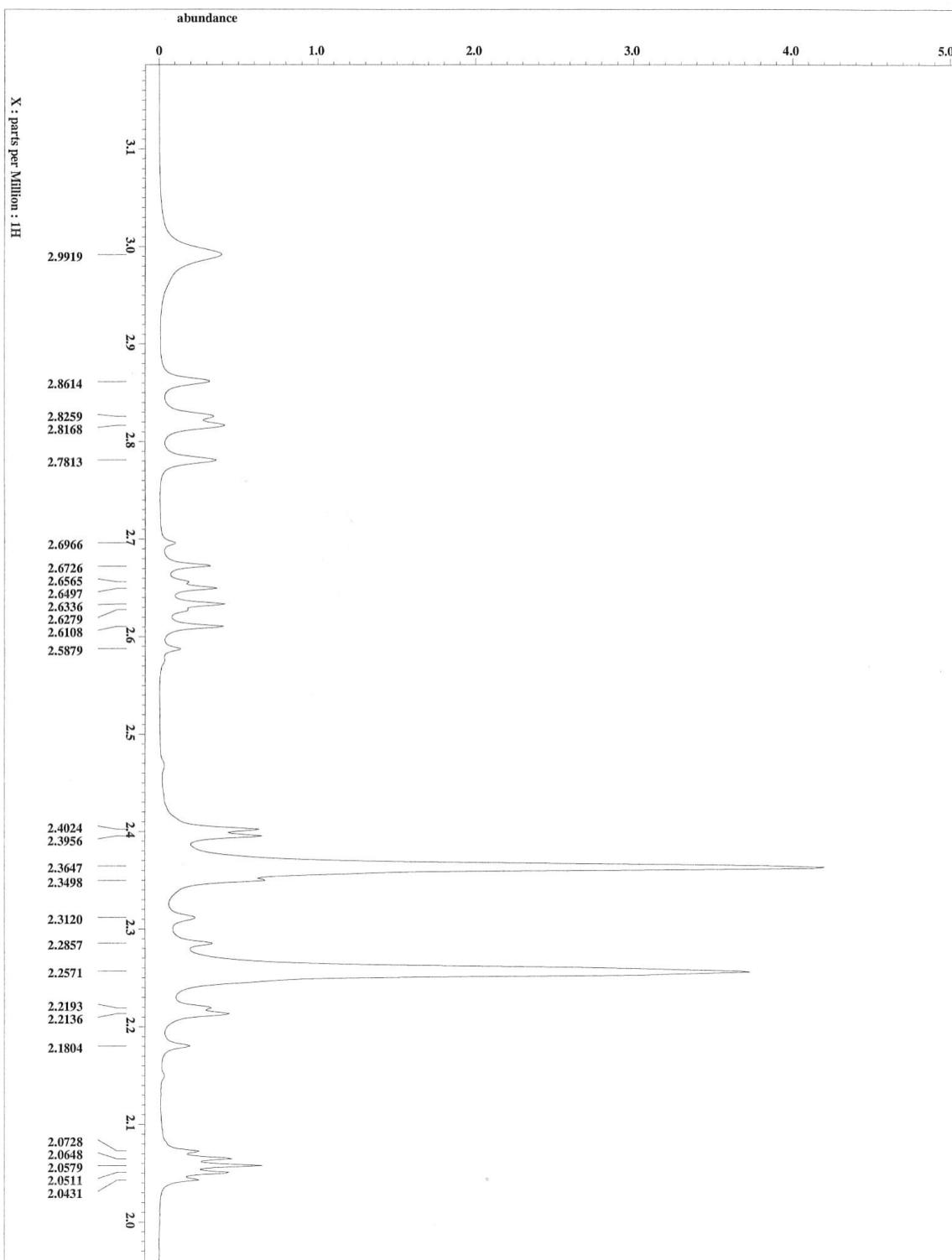


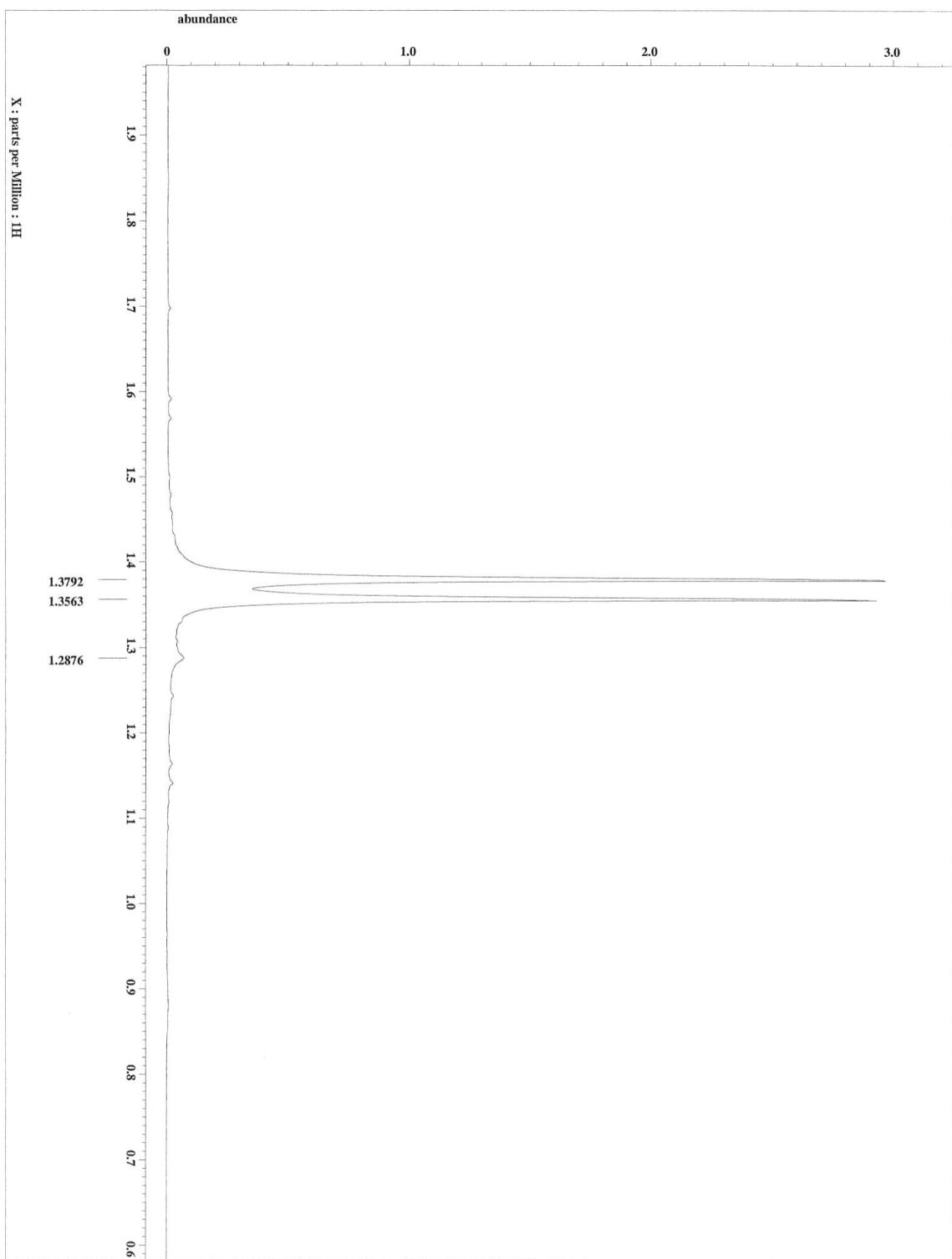


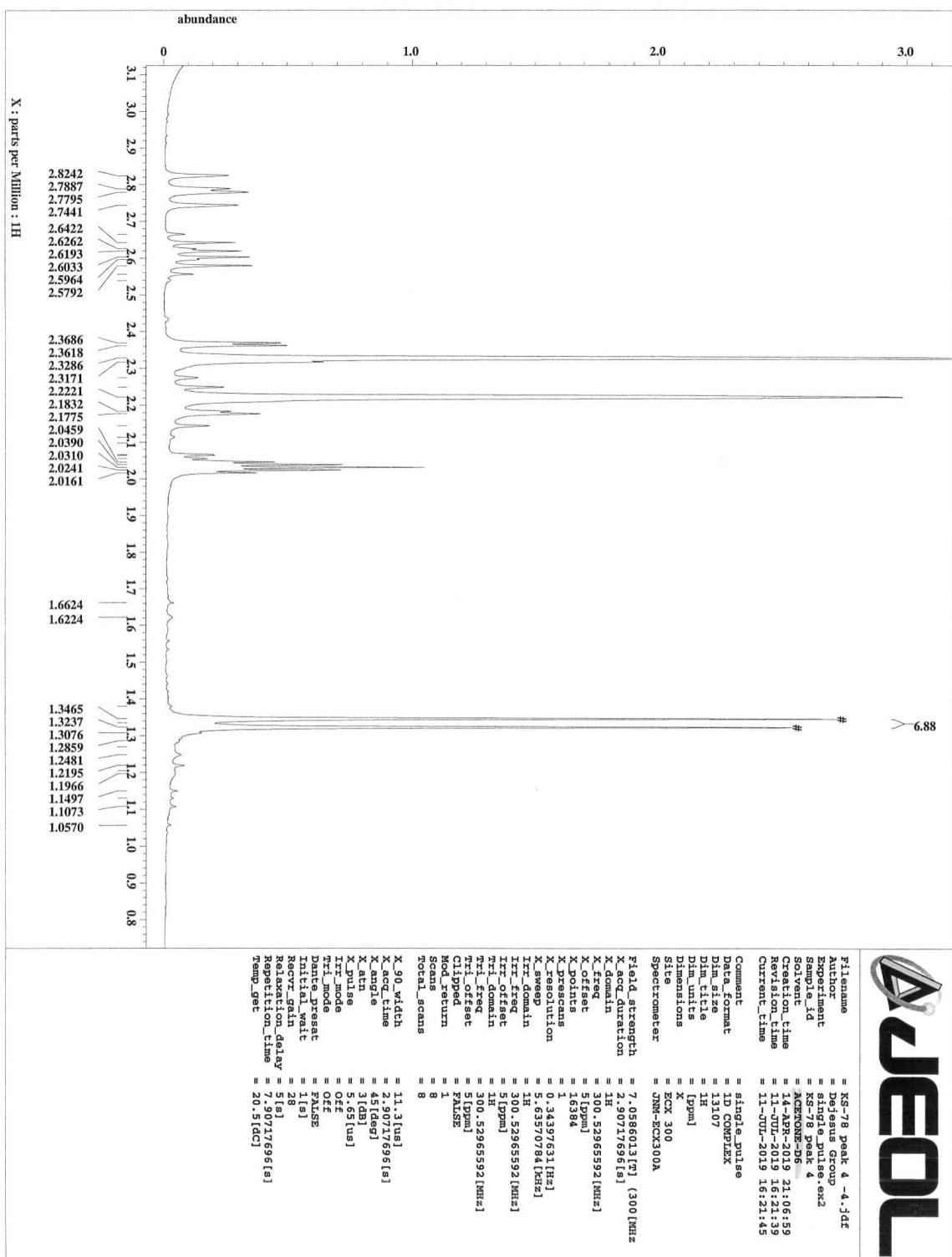


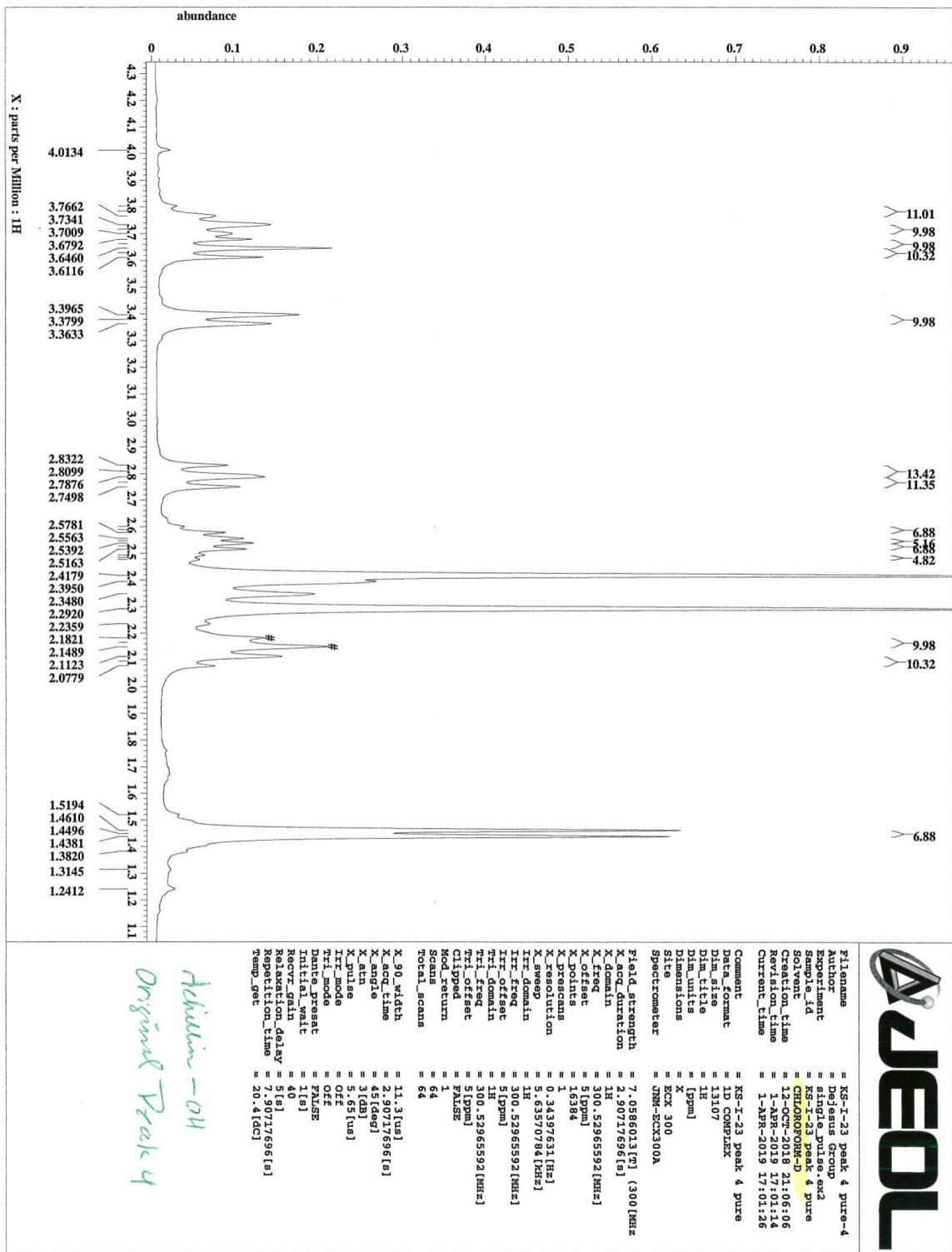


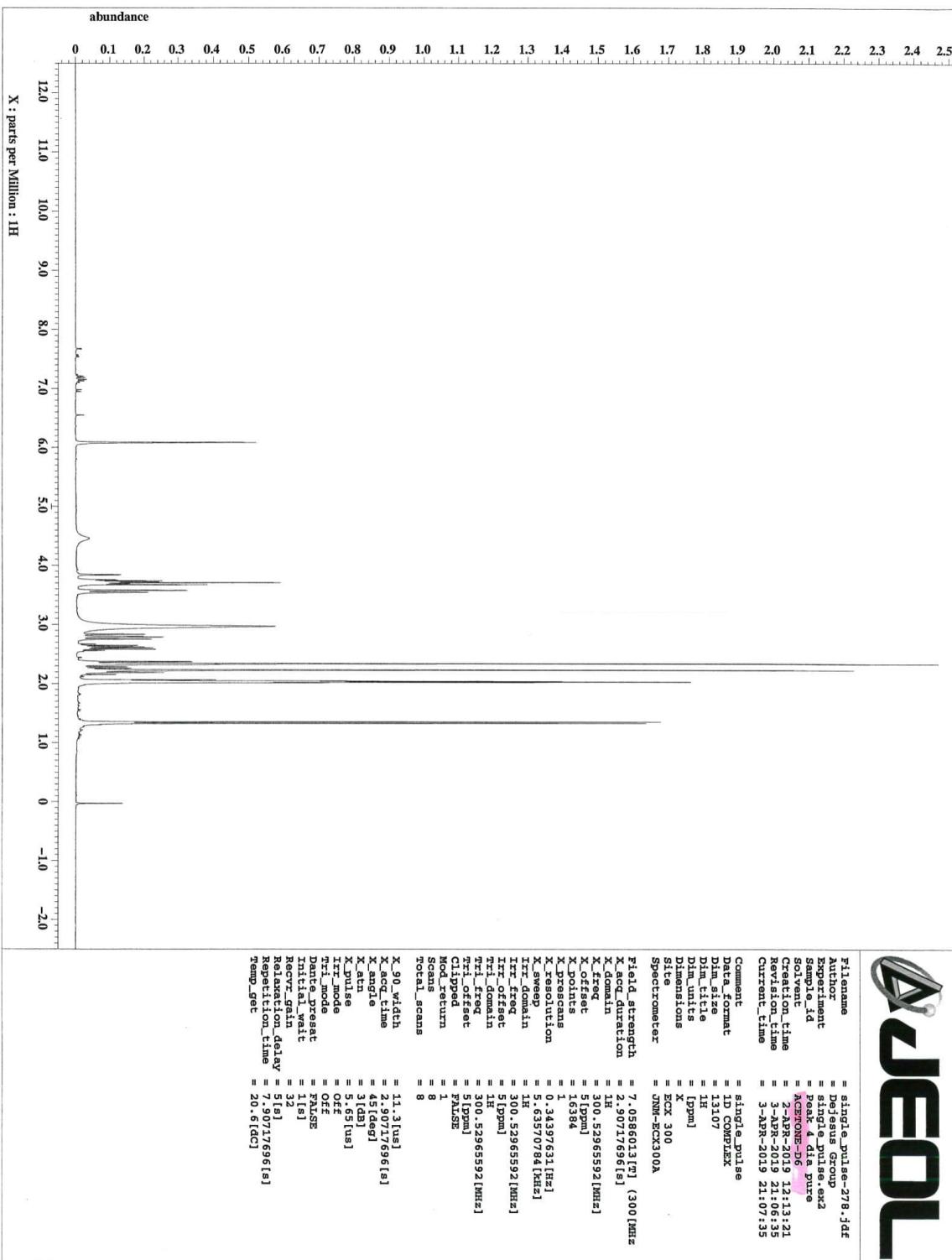


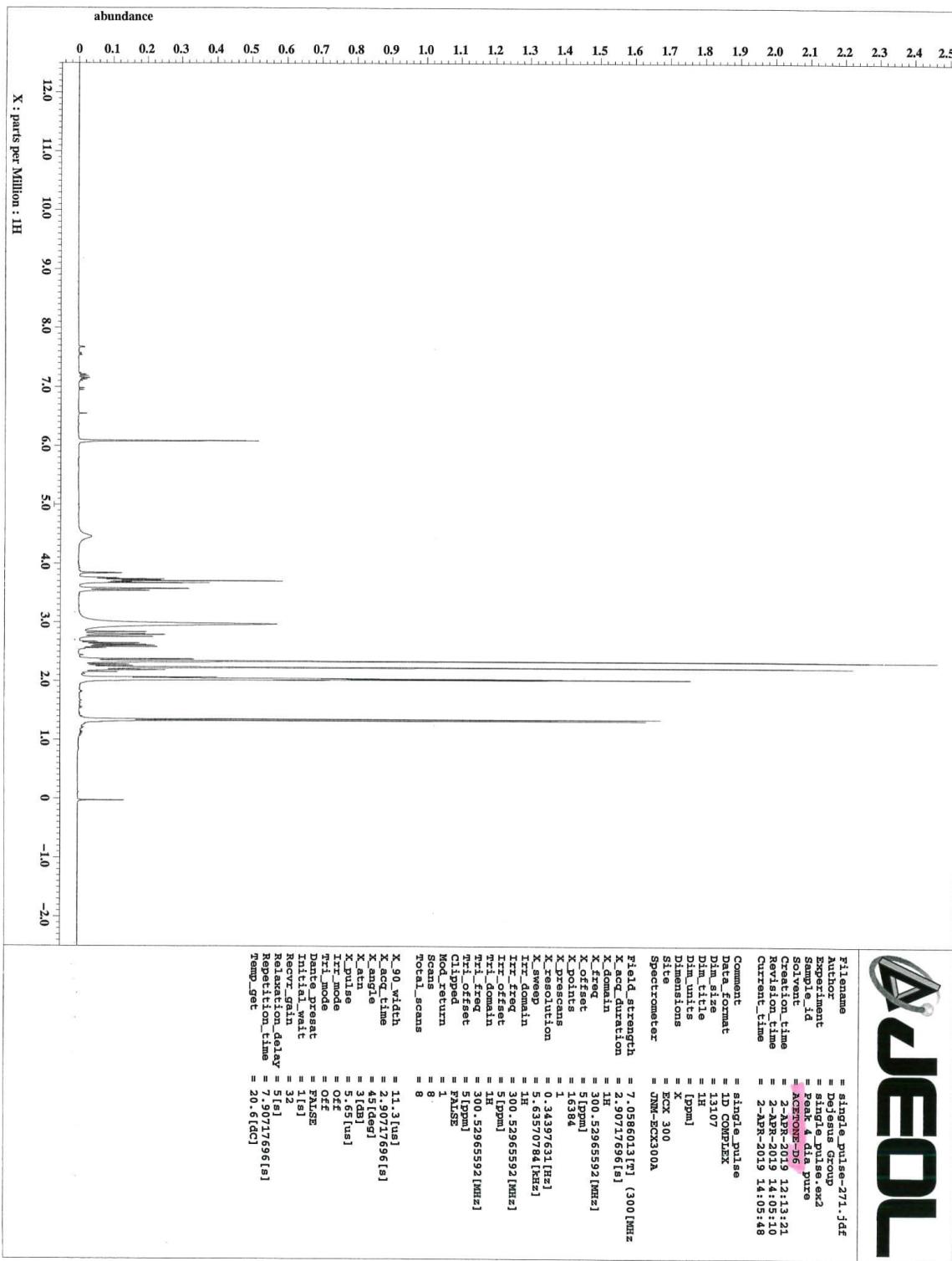




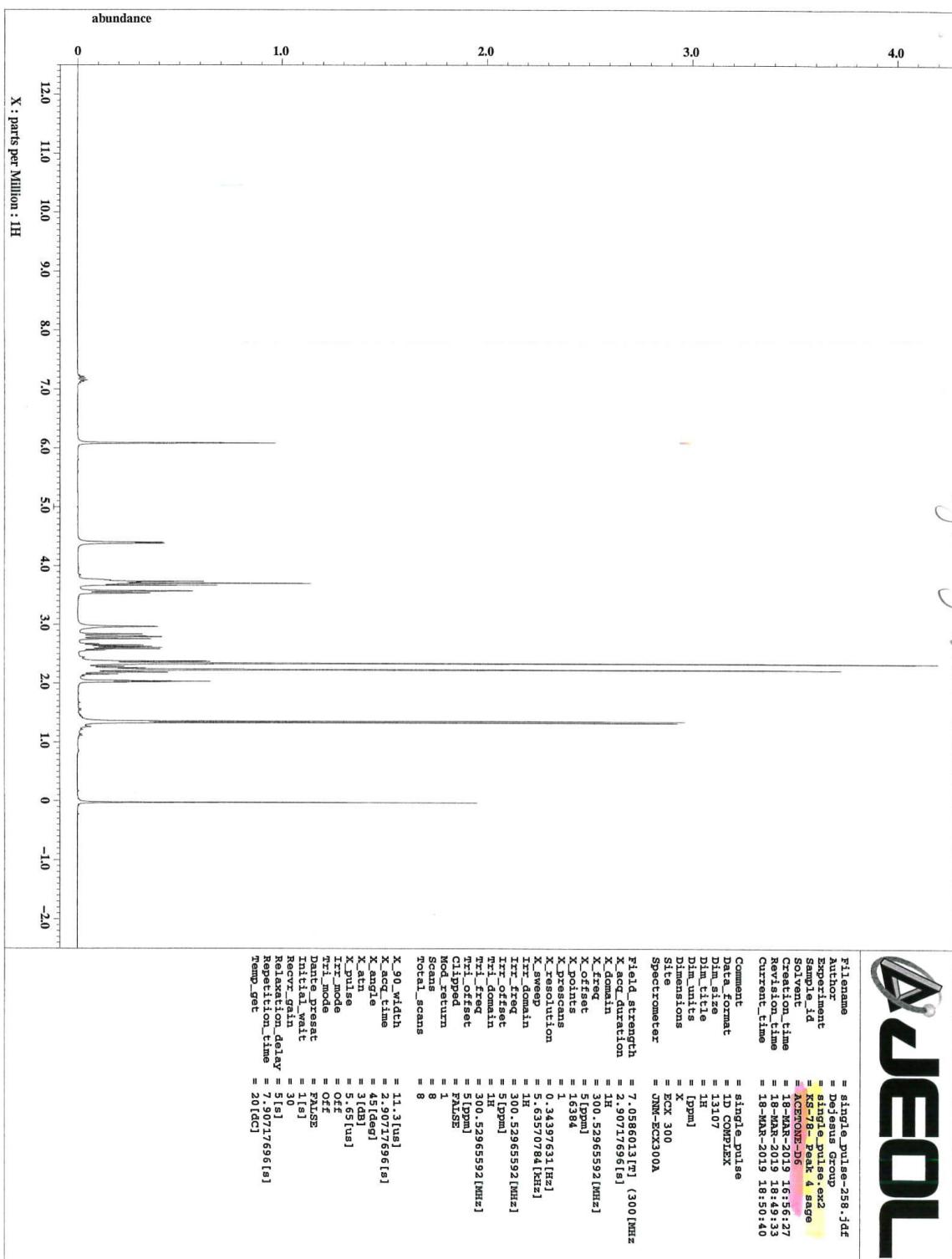


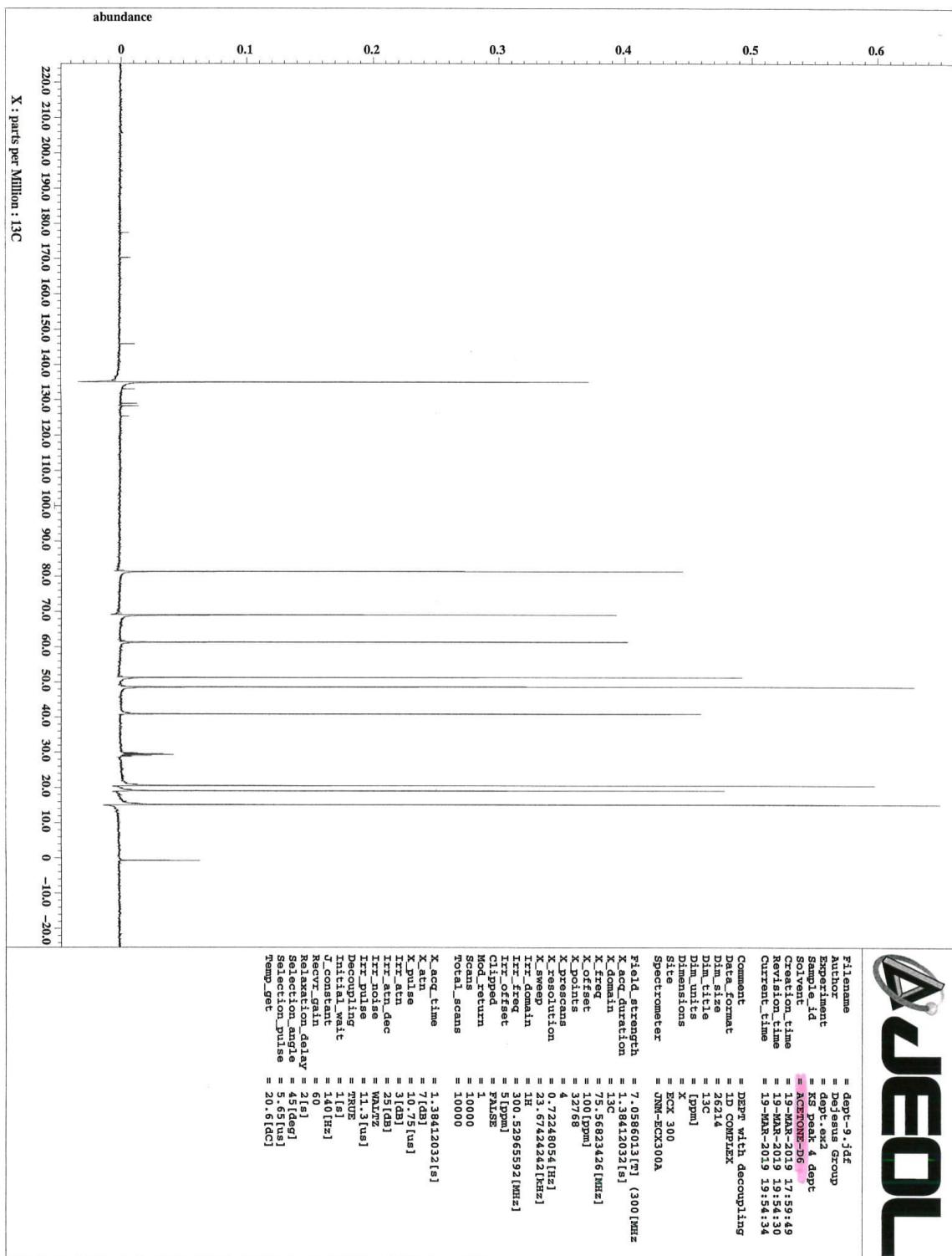


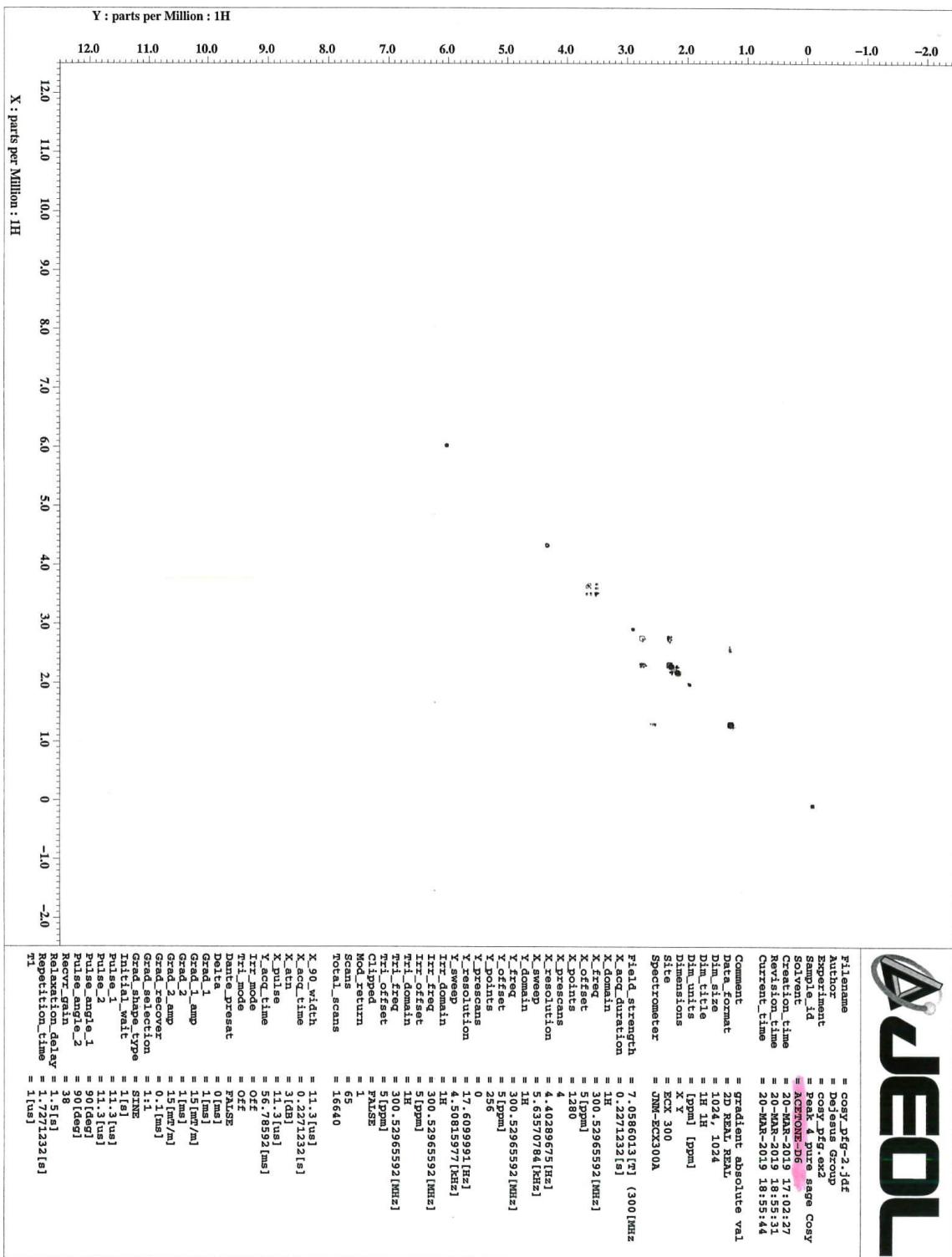


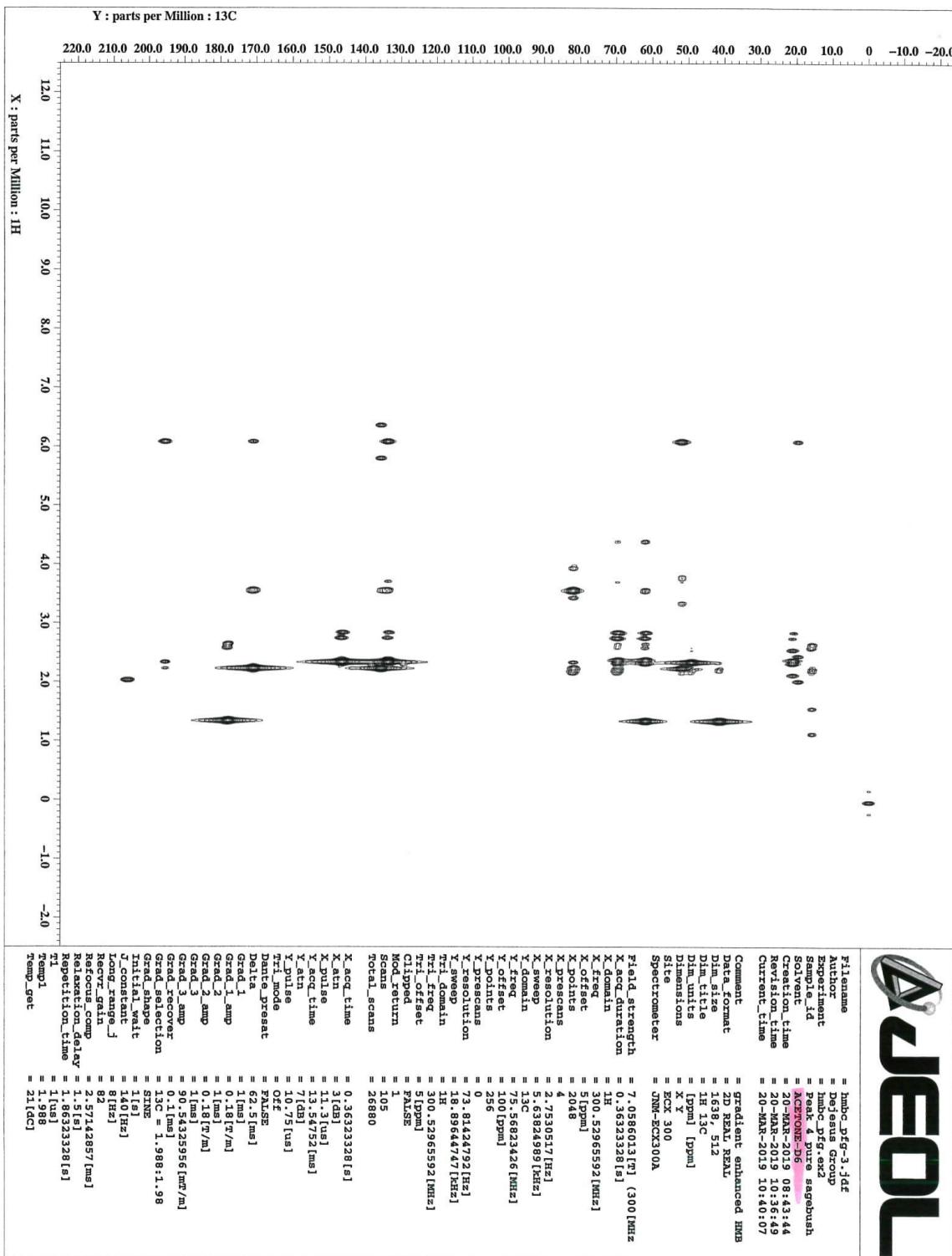


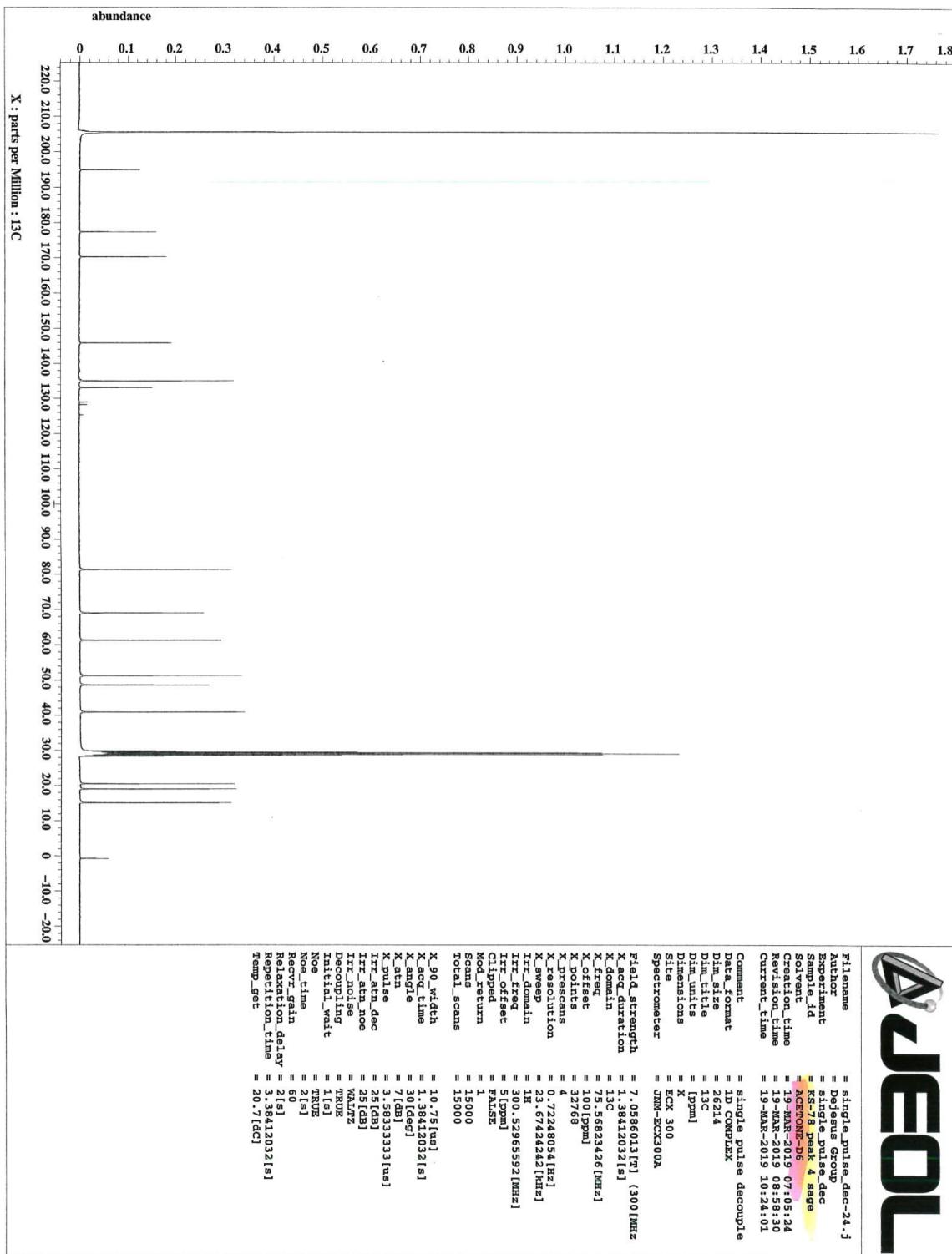
*hydroxyanthrin*  
COSY, HMBC, CHNMR

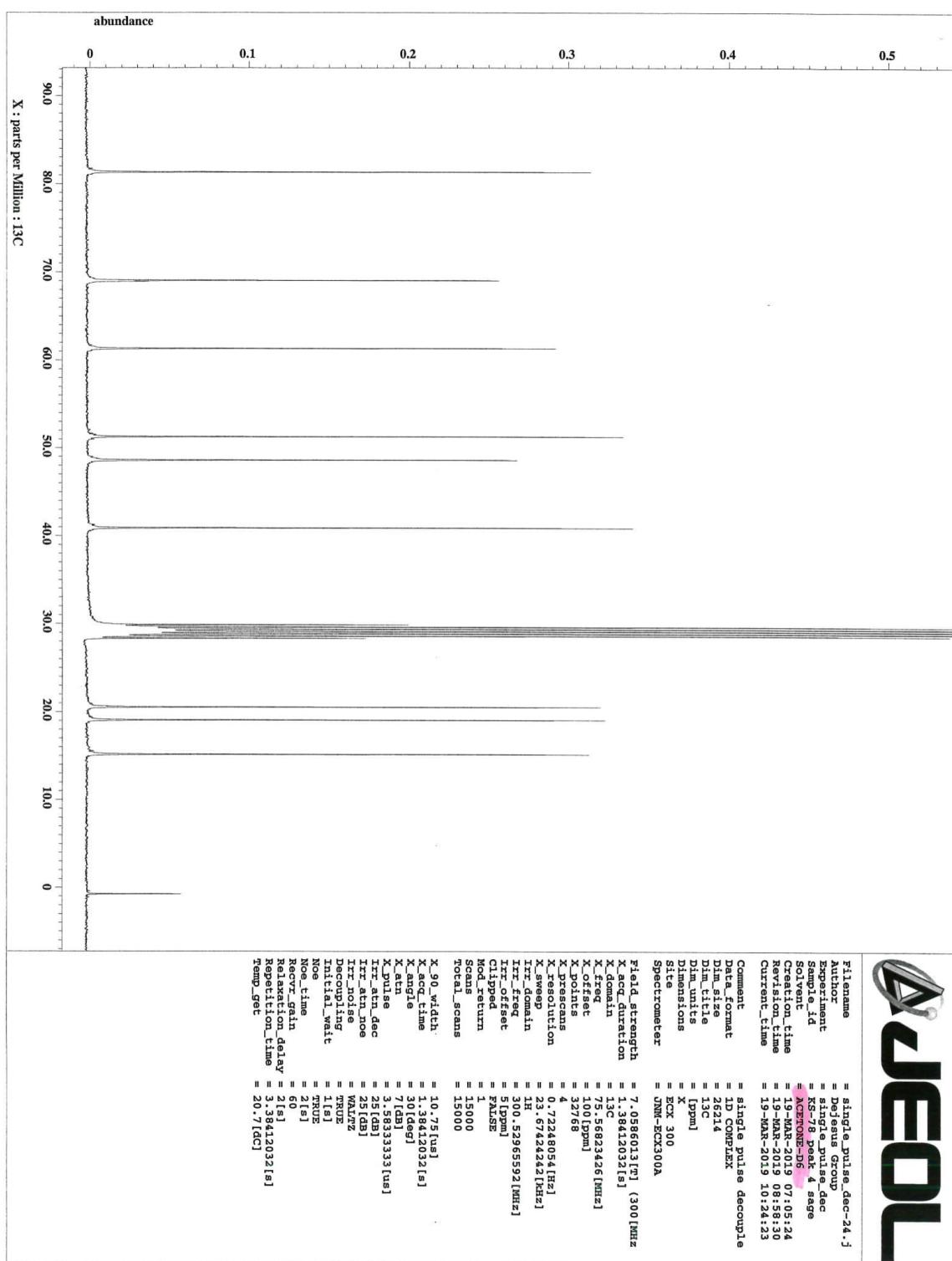


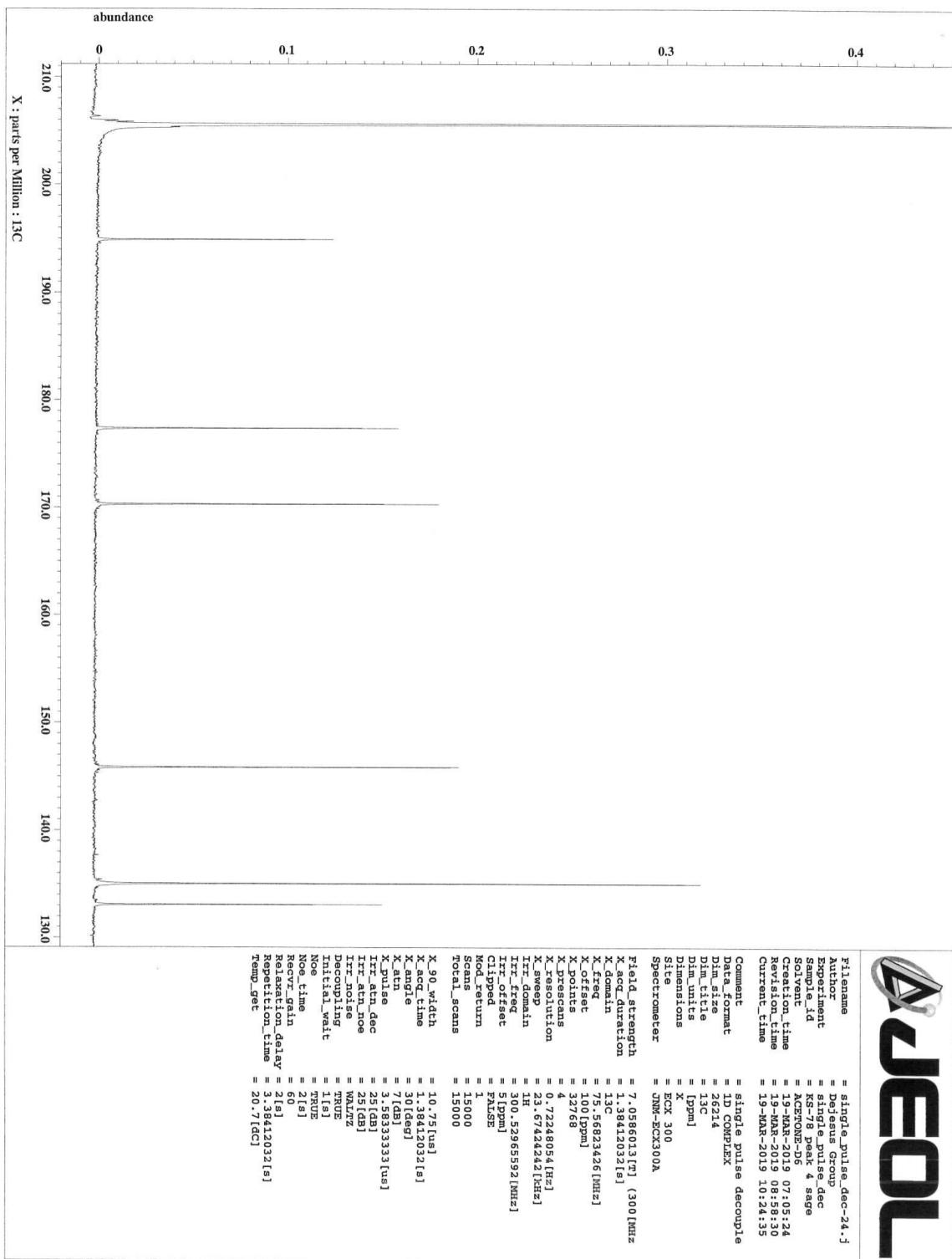


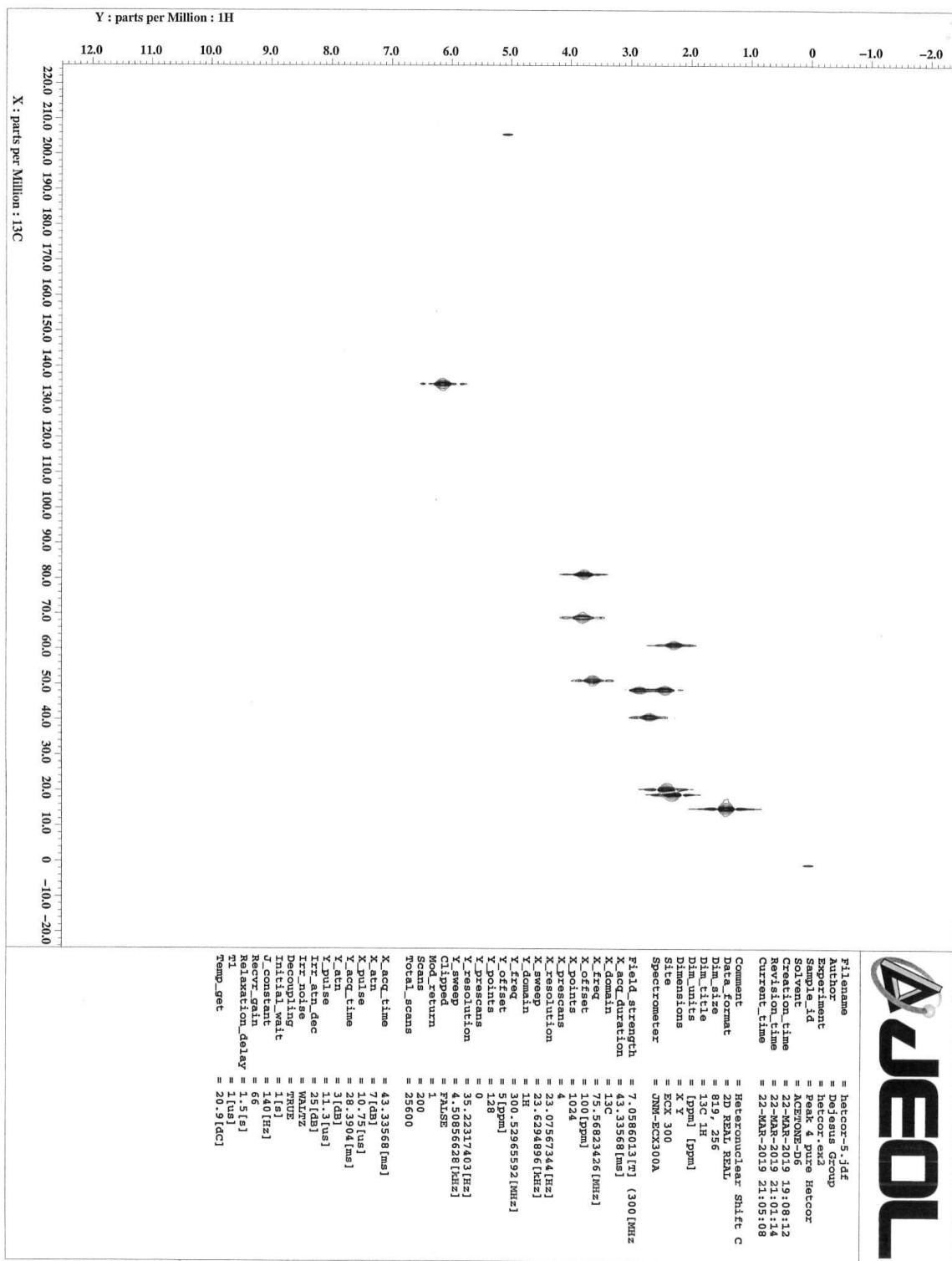


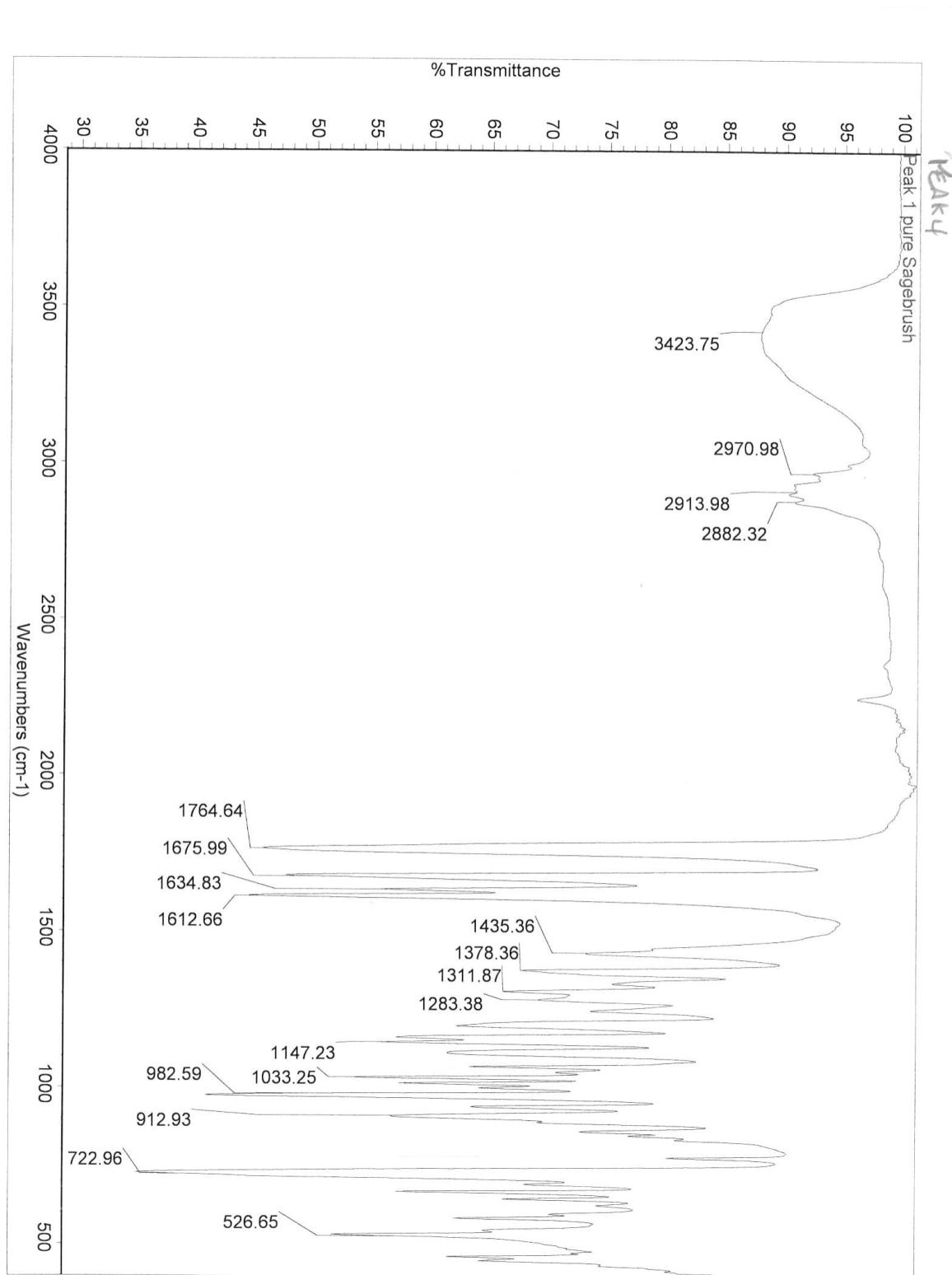






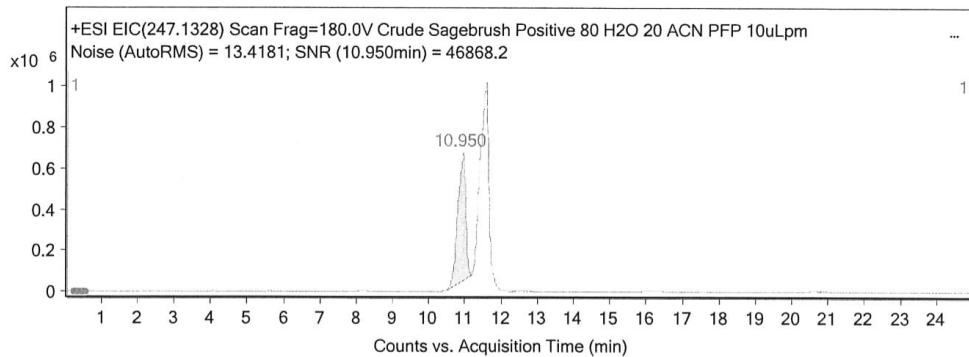






**Qualitative Analysis Report**

**Fragmentor Voltage** 180 **Collision Energy** 0 **Ionization Mode** ESI

**Integration Peak List**

| Peak | Start  | RT    | End    | Height | Area    | Area % | Signal to Noise |
|------|--------|-------|--------|--------|---------|--------|-----------------|
| 1    | 10.486 | 10.95 | 11.181 | 628882 | 9481329 | 100    | 46868.2         |

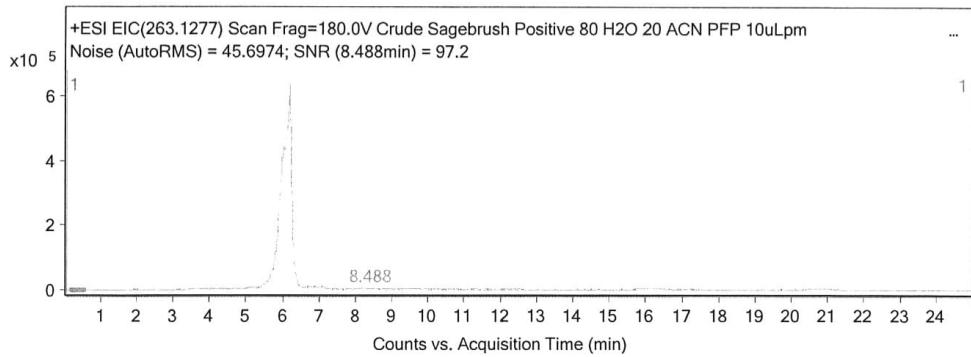
**Noise Measurements**

| Noise Type | Signal Definition | Noise Multiplier | Noise Value      |
|------------|-------------------|------------------|------------------|
| Auto-RMS   | Height            | 1                | 13.4180994033813 |

**Noise Regions**

| Start      | End        |
|------------|------------|
| .232366667 | .582366667 |

**Fragmentor Voltage** 180 **Collision Energy** 0 **Ionization Mode** ESI

**Integration Peak List**

| Peak | Start | RT    | End  | Height | Area | Area % | Signal to Noise |
|------|-------|-------|------|--------|------|--------|-----------------|
| 1    | 8.466 | 8.488 | 8.51 | 4443   | 3909 | 100    | 97.2            |



Calculated 247.13347

