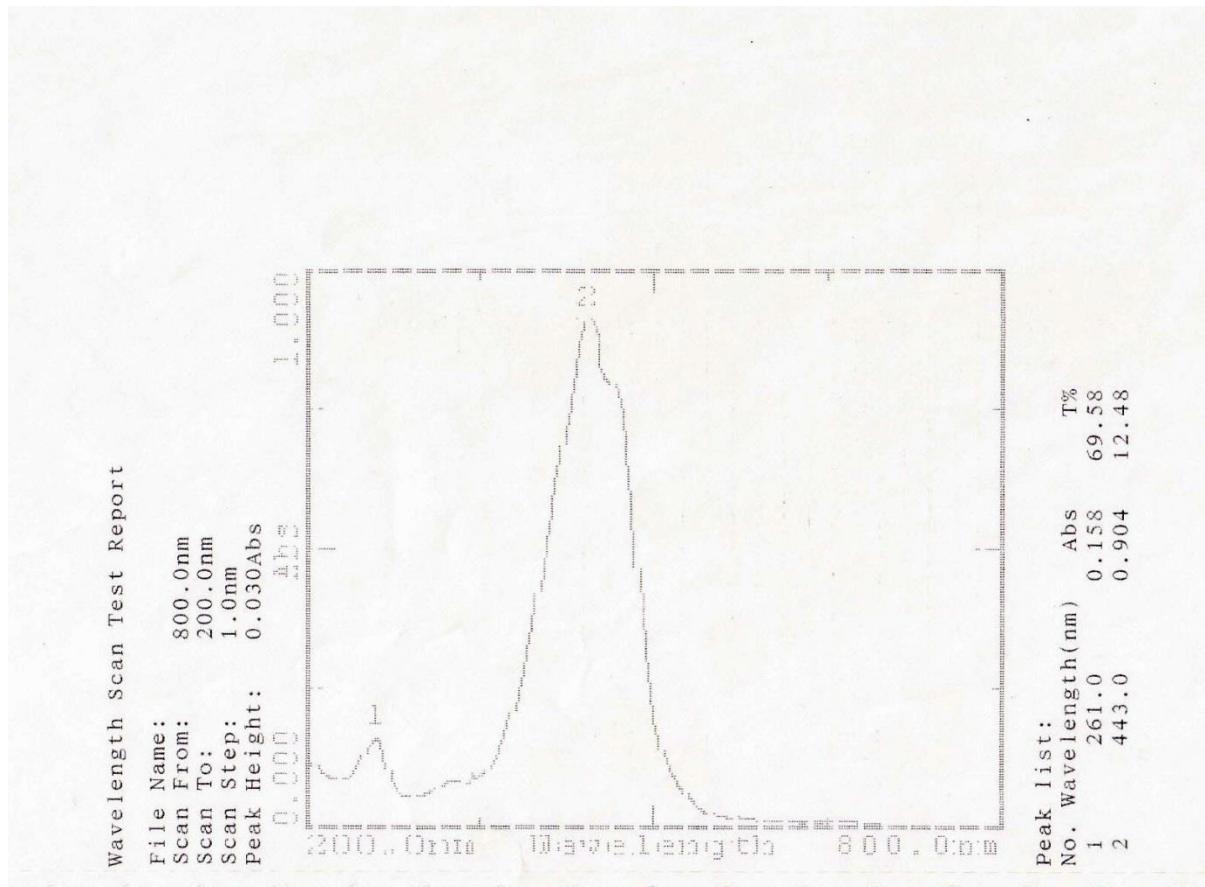


UV/Visible spectra - HPLC analysis - HNMR spectra - CNMR spectra

1. UV/Visible spectra of 0.0001 % (1 mg/L) of crocin (190-800 nm)

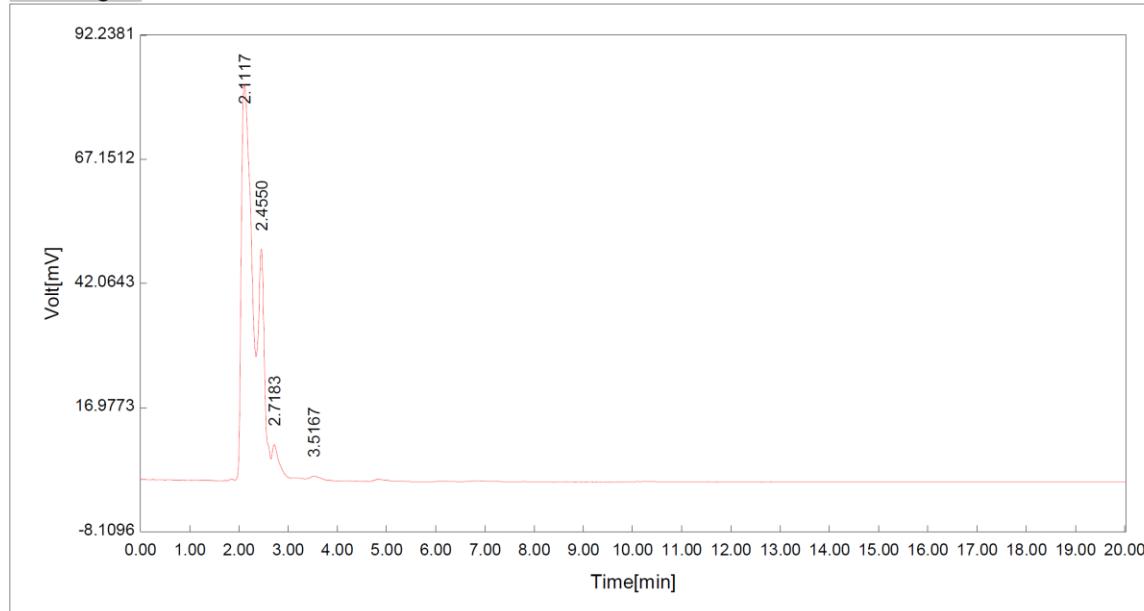


2. HPLC analysis of crocin at 443 nm (concentration: 0.0001 % or 1 mg/L); the main three picks is related to the crocin-1 (alpha-crocin), crocin-2 and crocin-3 respectively.

Analysis Information

File Name : cc004.raw
Sample Name : 201704301210071
Analysis Time : 30/ 04/ 2017 12: 10: 07
Print Time : 30 / 4 / 2017, 12 : 30 : 11

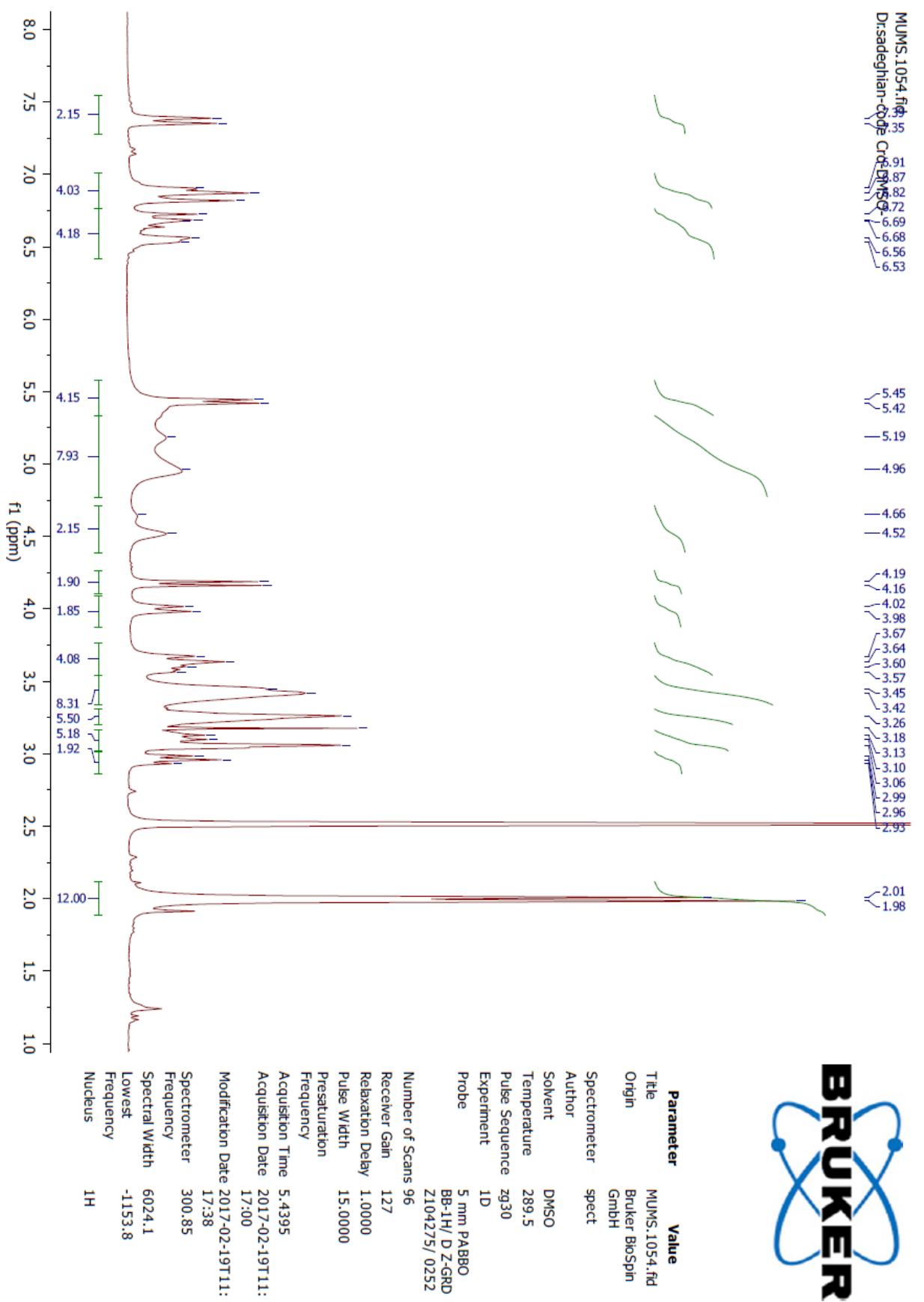
Chromatogram



Result

Num	RT[min]	Area[mV*s]	Type	Width[sec]	Area%
1	2.1117	1119.6949	BB	24.9000	68.5169
2	2.4550	444.0173	BB	18.2000	27.1705
3	2.7183	68.8590	VB	22.3000	4.2137
4	3.5167	1.6158	BB	9.3000	0.0989
Sum		1634.1870			

3. HNMR spectra of crocin in DMSO-d₆



4. CNMR spectra of crocin in DMSO-d6

