

产品分析证书 Certificate of Analysis

产品信息(Product Information)

产品编号 (CAT No.): N0704

中文名称: 马鞭草苷

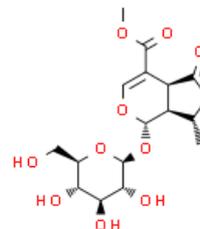
English Name: Verbenalin

CAS No.: 548-37-8

分子式 (M. F.): C₁₇H₂₄O₁₀

分子量 (M. W.): 388.369

批号 (Batch No.): N2607042012



检测项目及结果 (Specifications&results)

检验项目 (Test Item)	检验规格 (Specifications)	检验结果 (Results)
颜色 Color	淡黄色至黄色 (light yellow to Yellow)	黄色 (yellow)
外观 Appearance	粉末或固体 (Powder or Solid)	粉末 (Powder)
纯度 Purity	98%	Conforms
质谱 Mass	Comply with the structure	Conforms
核磁 NMR	Comply with the structure	Conforms

检测信息 (Detection Information)

色谱柱 (Column)	Hypersil BDS C18-4.6*200mm 5μm
流动相 (Mobile phase)	乙腈-0.1%磷酸水=5%-30%乙腈梯度洗脱; 20min
检测波长 (Detection mode)	238nm
柱温 (Column temperature)	30℃

贮存条件 (Storage): 2~8℃, protected from light, keep package airtight. <-15℃ when not in use for a long time. (密封保存, 置于阴凉干燥处, 长期不使用最好放置于-15℃以下环境中)

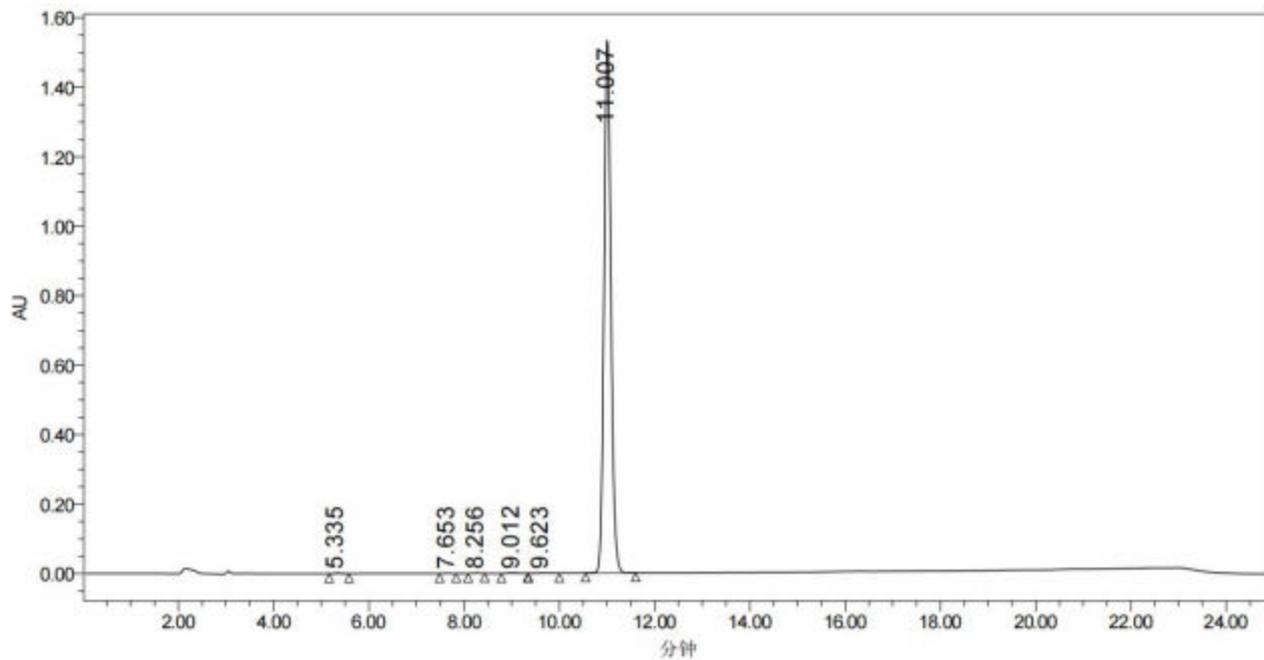
温馨提示 (Reminder): The sample solutions should be prepared immediately before use. (请现配现用)



QA: Chao Zhang

产品售后 (After-sale service): In case of quality issue, please contact us within 15 days after receipt of the product. (若对于我们的产品质量有任何疑问, 请于收到货后 15 天内联系我们)

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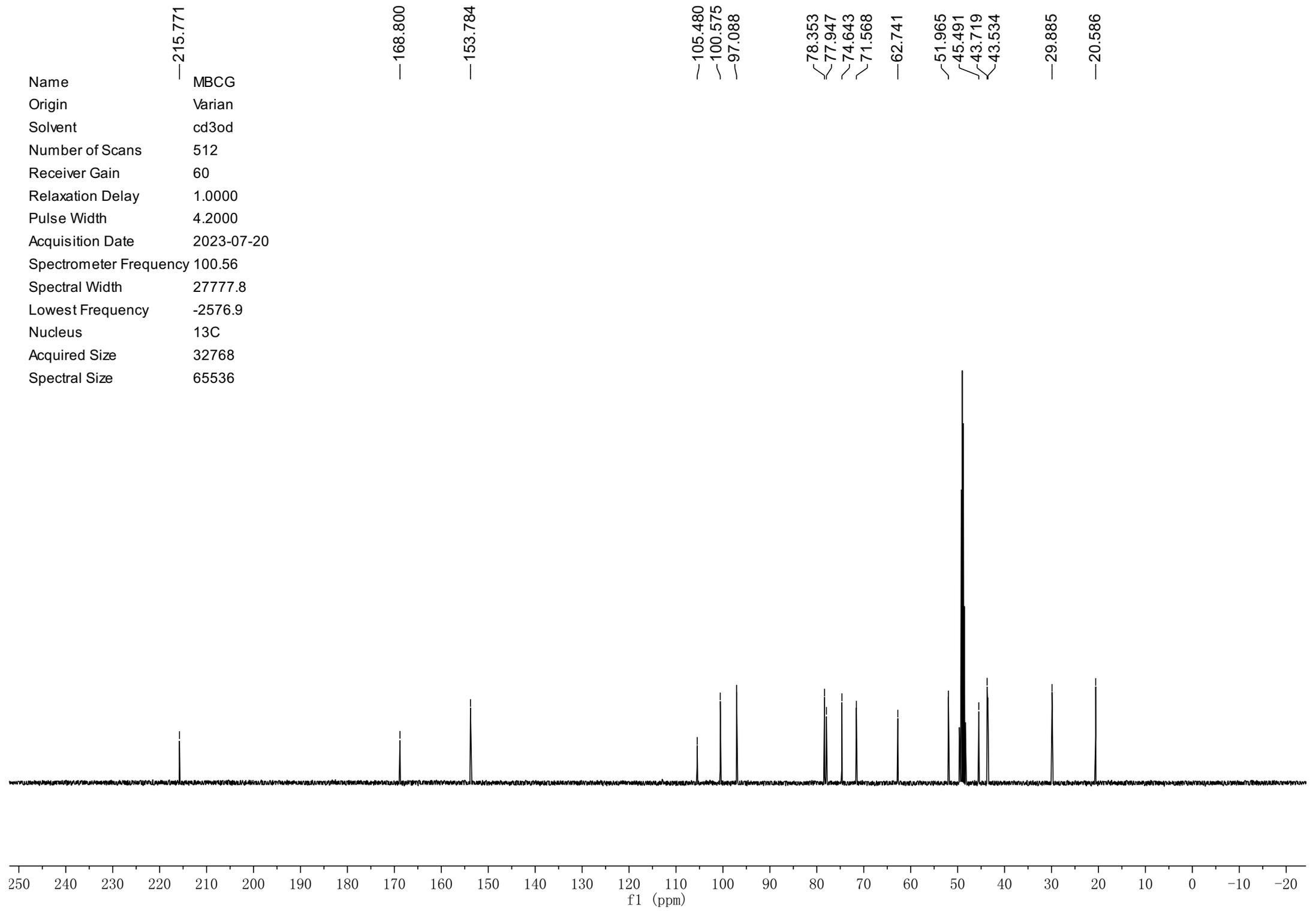


AI识图

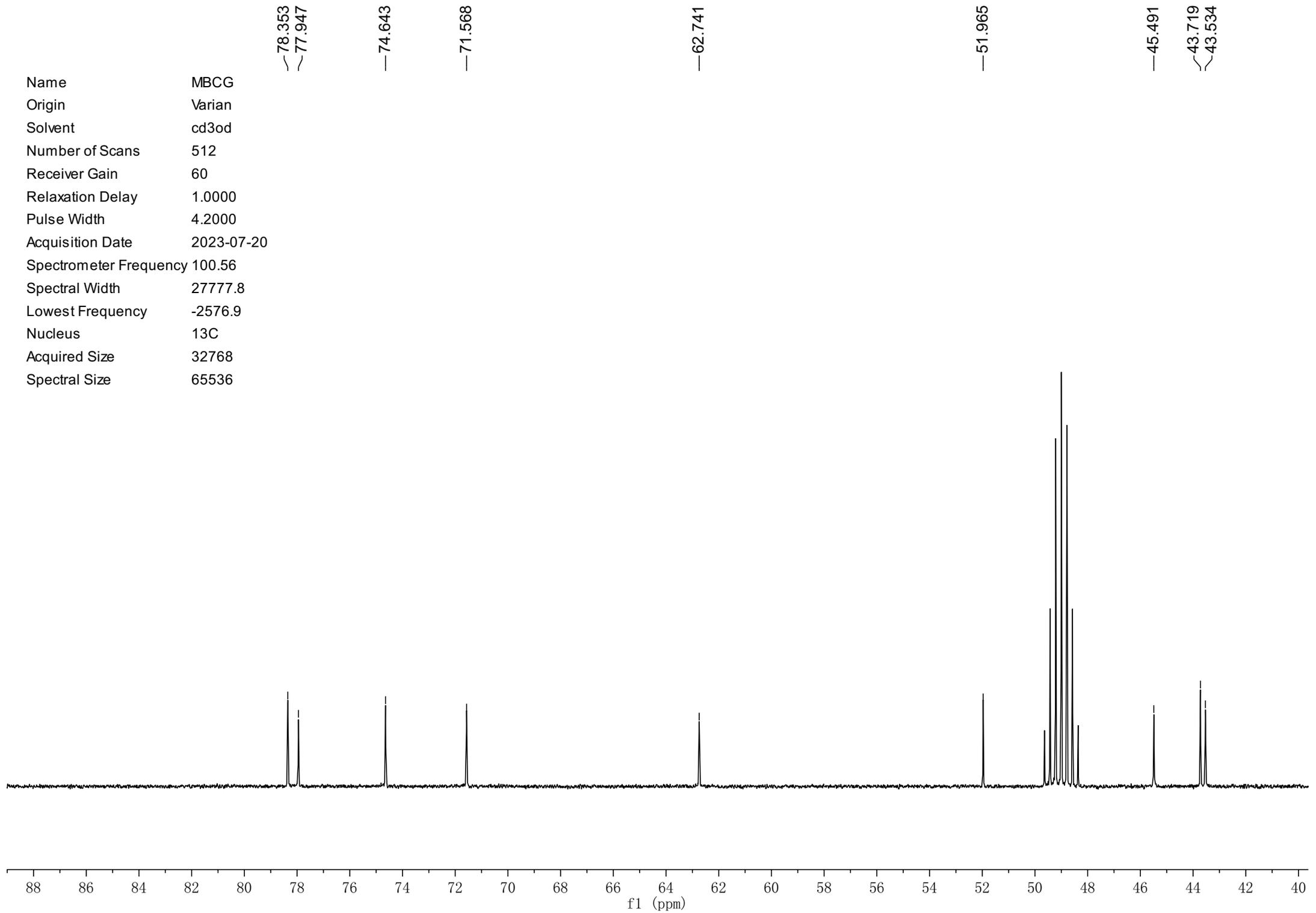
色谱峰结果

	名字	保留时间	面积	峰高	% 面积
1		5.335	13032	1231	0.08
2		7.653	4278	483	0.03
3		8.256	5054	578	0.03
4		9.012	17550	1376	0.11
5		9.623	11876	731	0.08
6		11.007	15481480	1539144	99.67

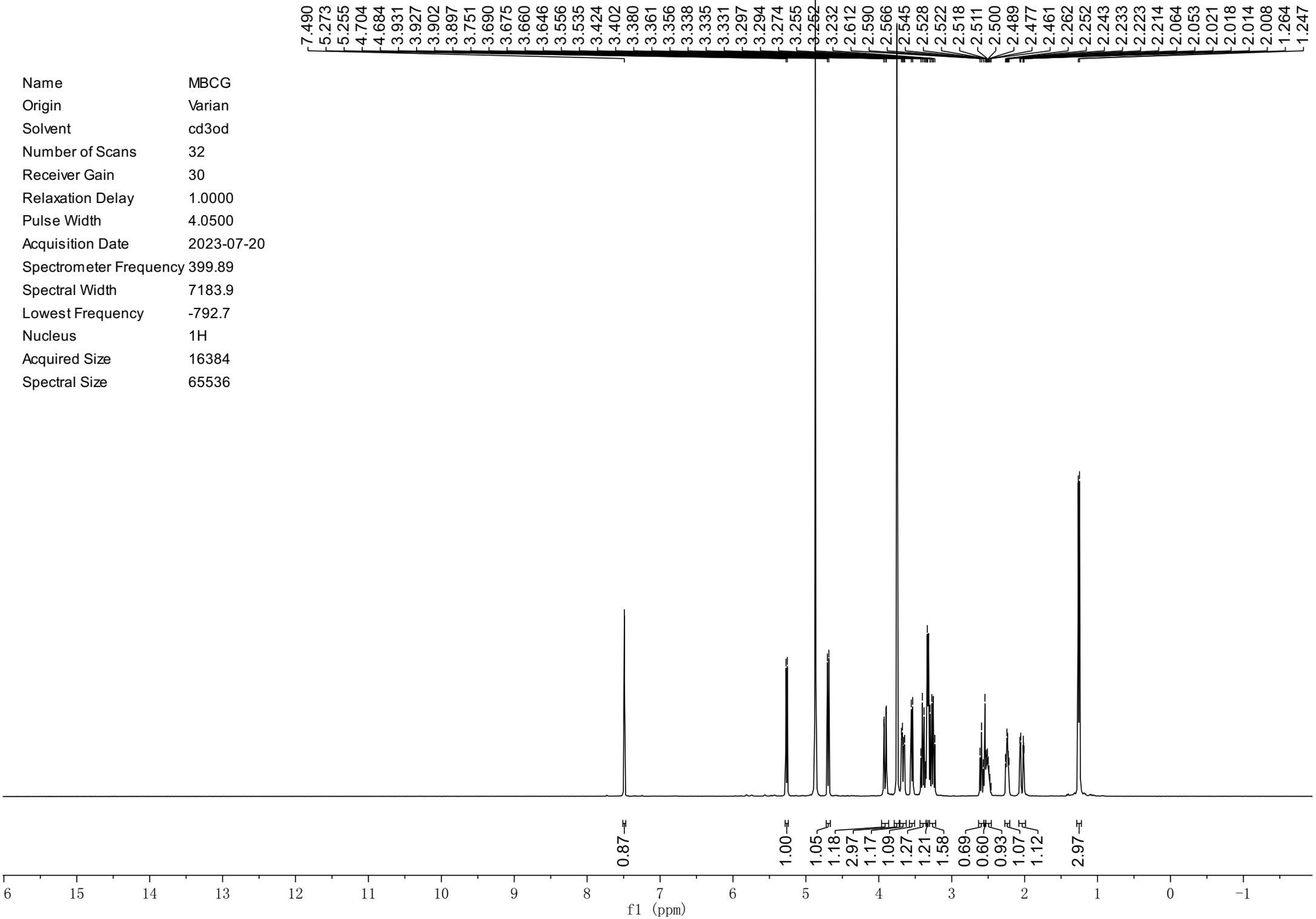
Name MBCG
Origin Varian
Solvent cd3od
Number of Scans 512
Receiver Gain 60
Relaxation Delay 1.0000
Pulse Width 4.2000
Acquisition Date 2023-07-20
Spectrometer Frequency 100.56
Spectral Width 27777.8
Lowest Frequency -2576.9
Nucleus 13C
Acquired Size 32768
Spectral Size 65536



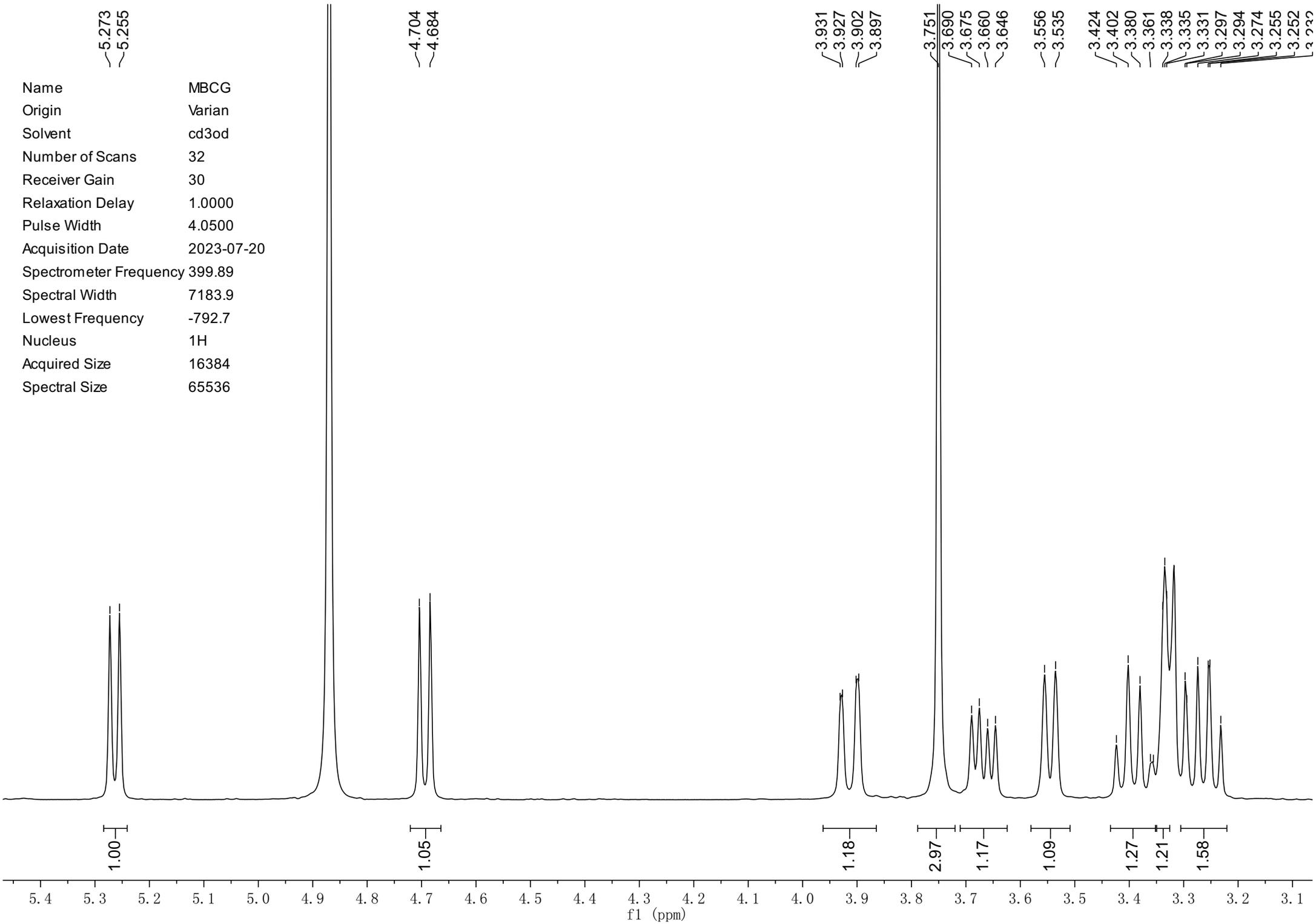
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Spectral Size 65536



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Origin Varian
Solvent cd3od
Number of Scans 32
Receiver Gain 30
Relaxation Delay 1.0000
Pulse Width 4.0500
Acquisition Date 2023-07-20
Spectrometer Frequency 399.89
Spectral Width 7183.9
Lowest Frequency -792.7
Nucleus 1H
Acquired Size 16384
Spectral Size 65536



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2.612
2.590
2.566
2.545
2.528
2.522
2.518
2.511
2.500
2.489
2.477
2.461

2.262
2.252
2.243
2.233
2.223
2.214

2.064
2.053
2.021
2.018
2.014
2.008

1.264
1.247

