

June 22, 2026

NuMega Reference #
2603KIME.798G

Company: Kimera Chem

Quantitative Analysis Report

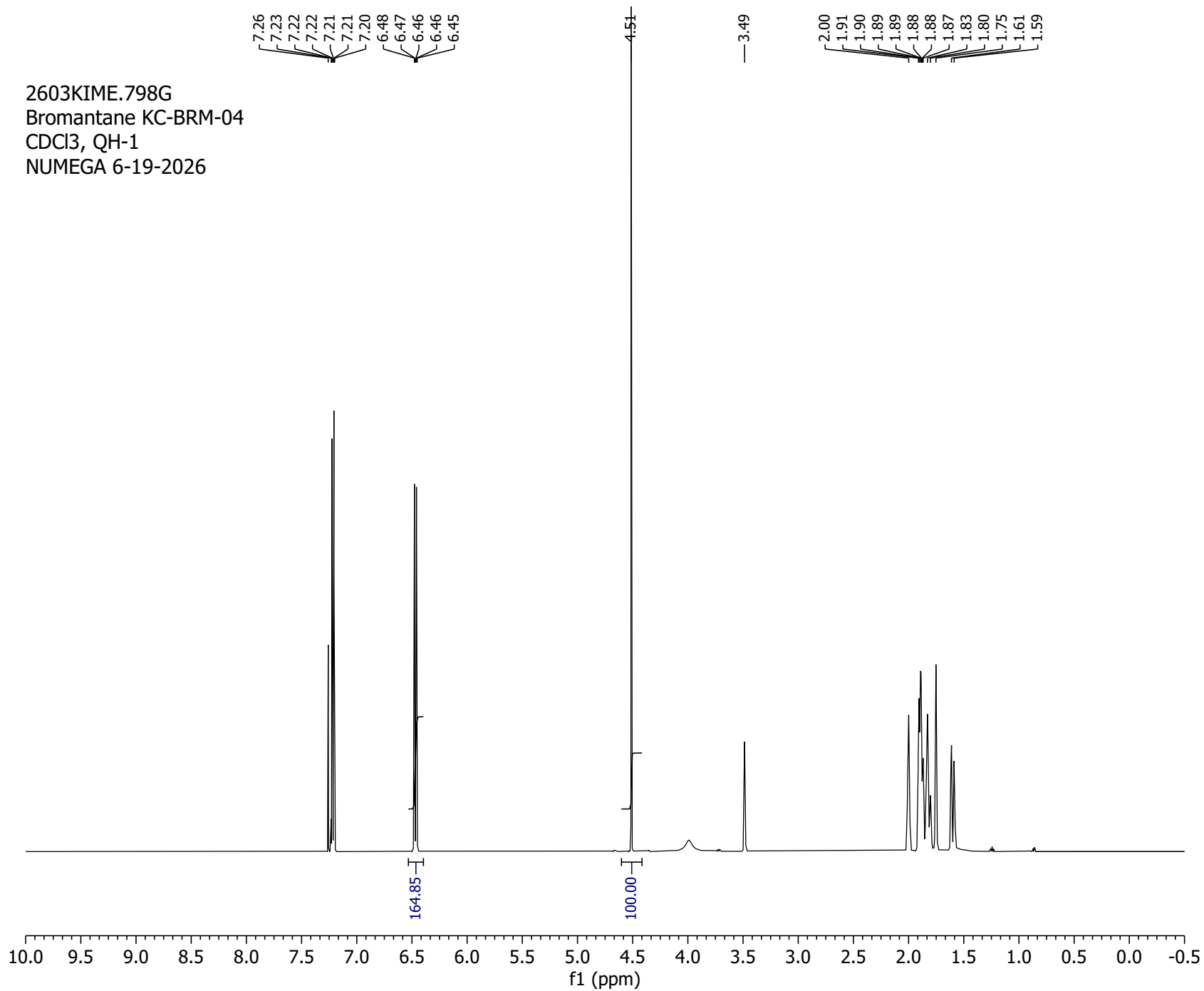
Bruker 500 MHz, AVII-500 and AV-500

Sample ID	Bromantane KC-BRM-04
Standard	Ethylene Carbonate
Weight of Standard (wt _{st})	1.534
Weight of Sample (wt _{sa})	17.668
Assumed Sample Molecular Weight (MW _{sa})	306.24
Standard Molecular Weight (MW _{st})	88.06
Integration of Sample (I _{sa})	164.85
Integration of Standard (I _{st})	100
# of Equivalent Nuclei in Standard (n _{st})	4
# of Equivalent Nuclei in Sample (n _{sa})	2
Assigned Purity of Standard % (P)	99.71
Purity %	99.3

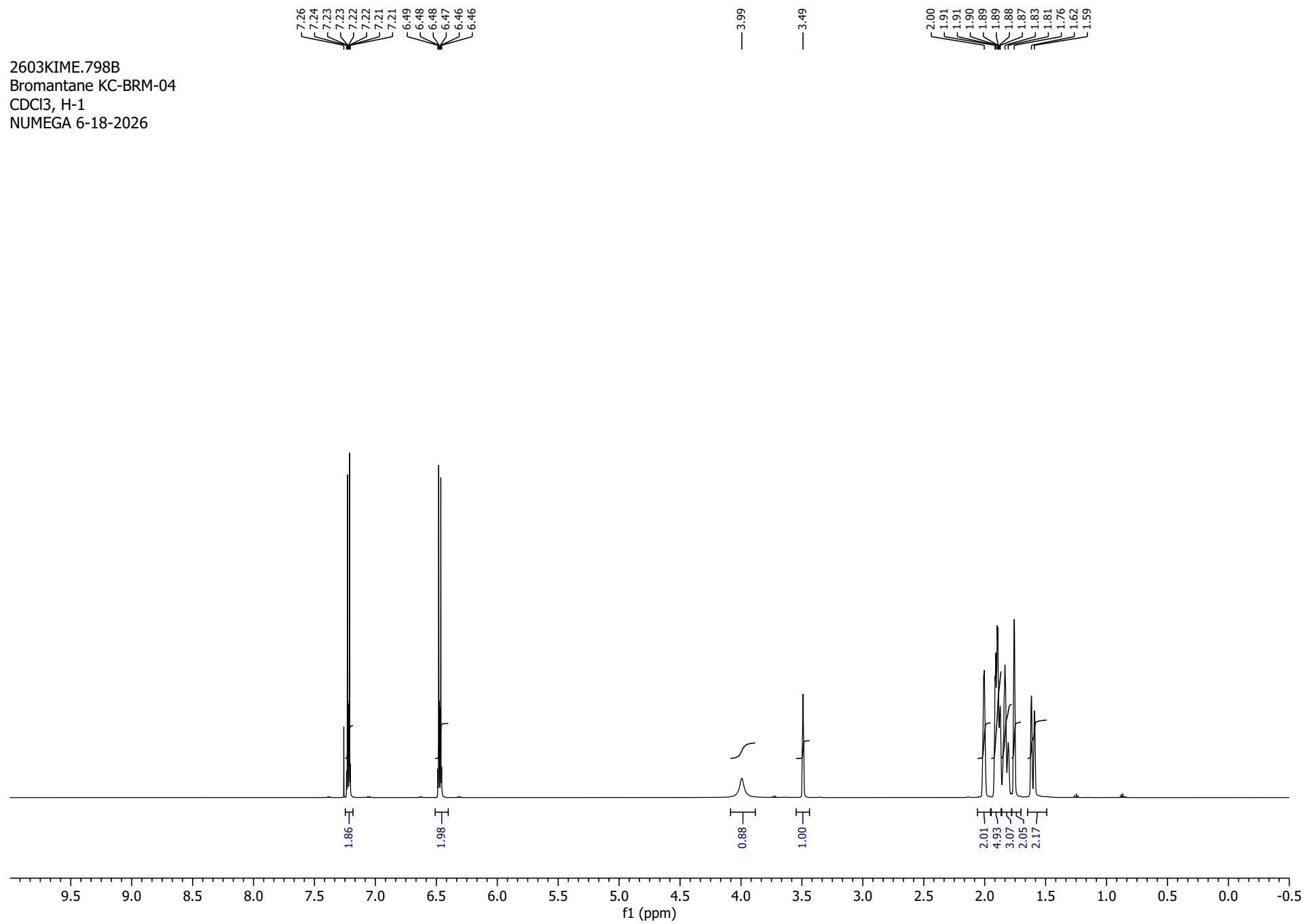
Formula Used for Calculation:

$$\text{Purity \%} = \frac{wt_{st}}{wt_{sa}} \times \frac{MW_{sa}}{MW_{st}} \times \frac{I_{sa}}{I_{st}} \times \frac{n_{st}}{n_{sa}} \times P$$

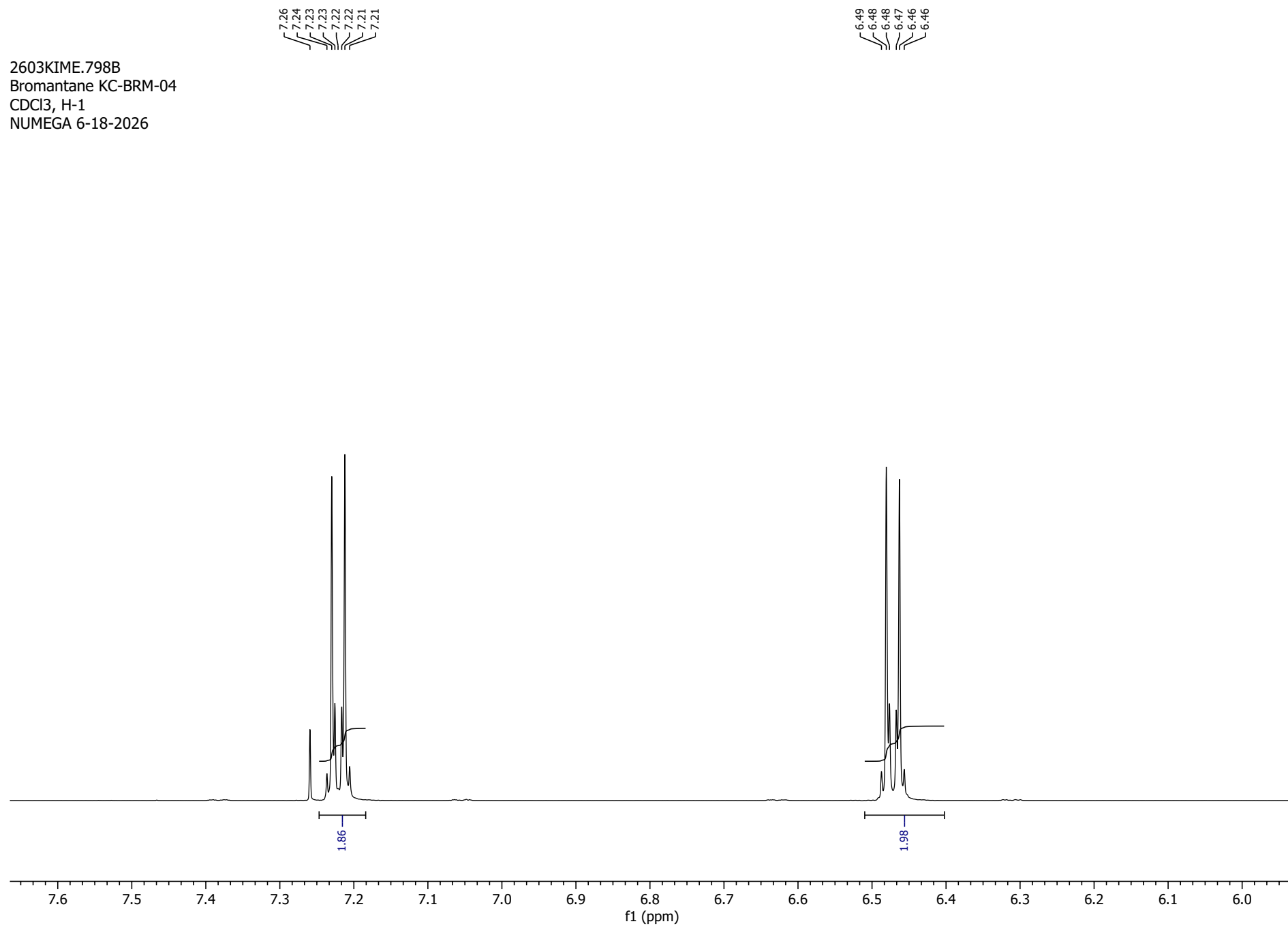
2603KIME.798G
Bromantane KC-BRM-04
CDCl₃, QH-1
NUMEGA 6-19-2026



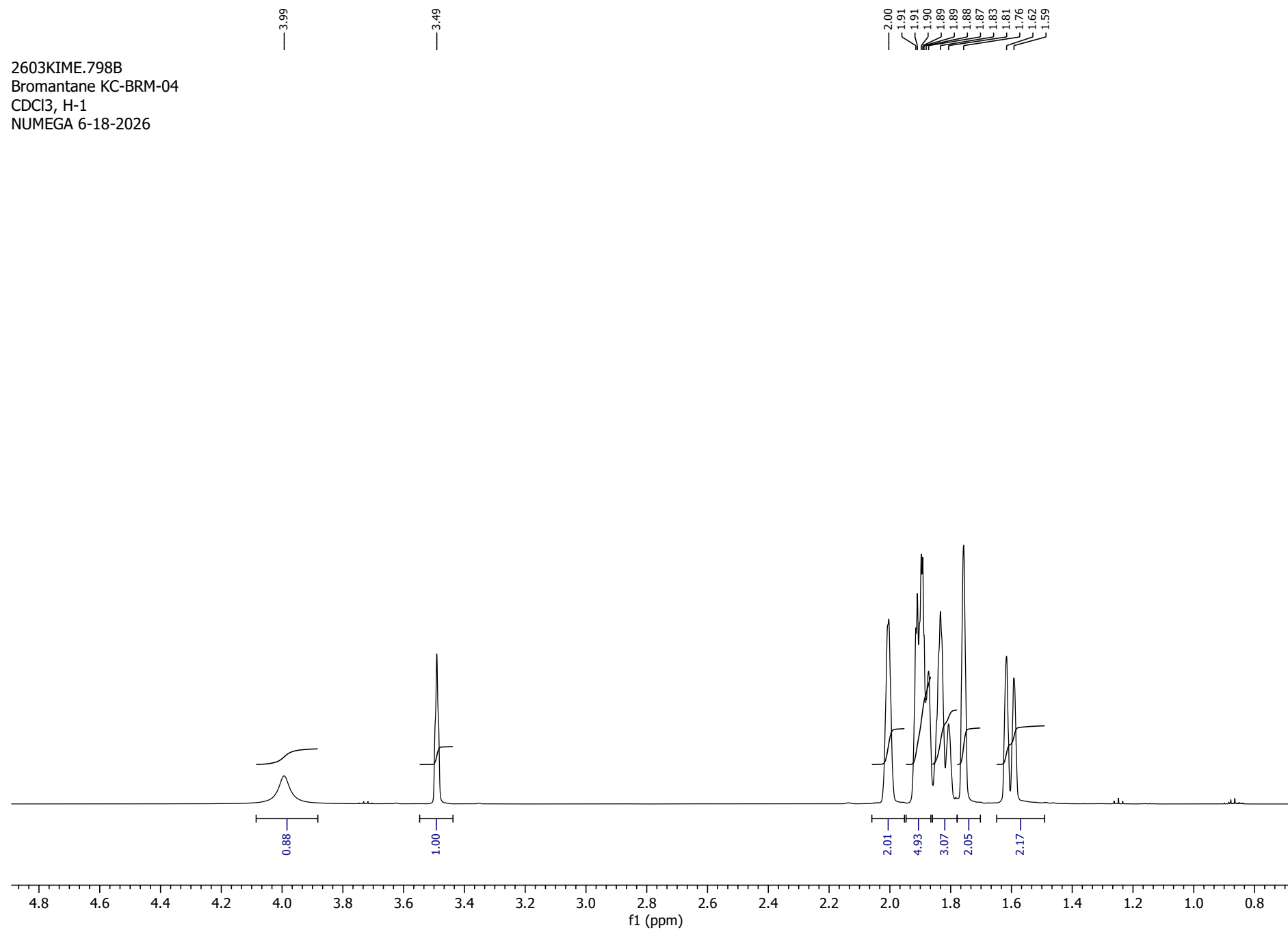
2603KIME.798B
Bromantane KC-BRM-04
CDCl₃, H-1
NUMEGA 6-18-2026



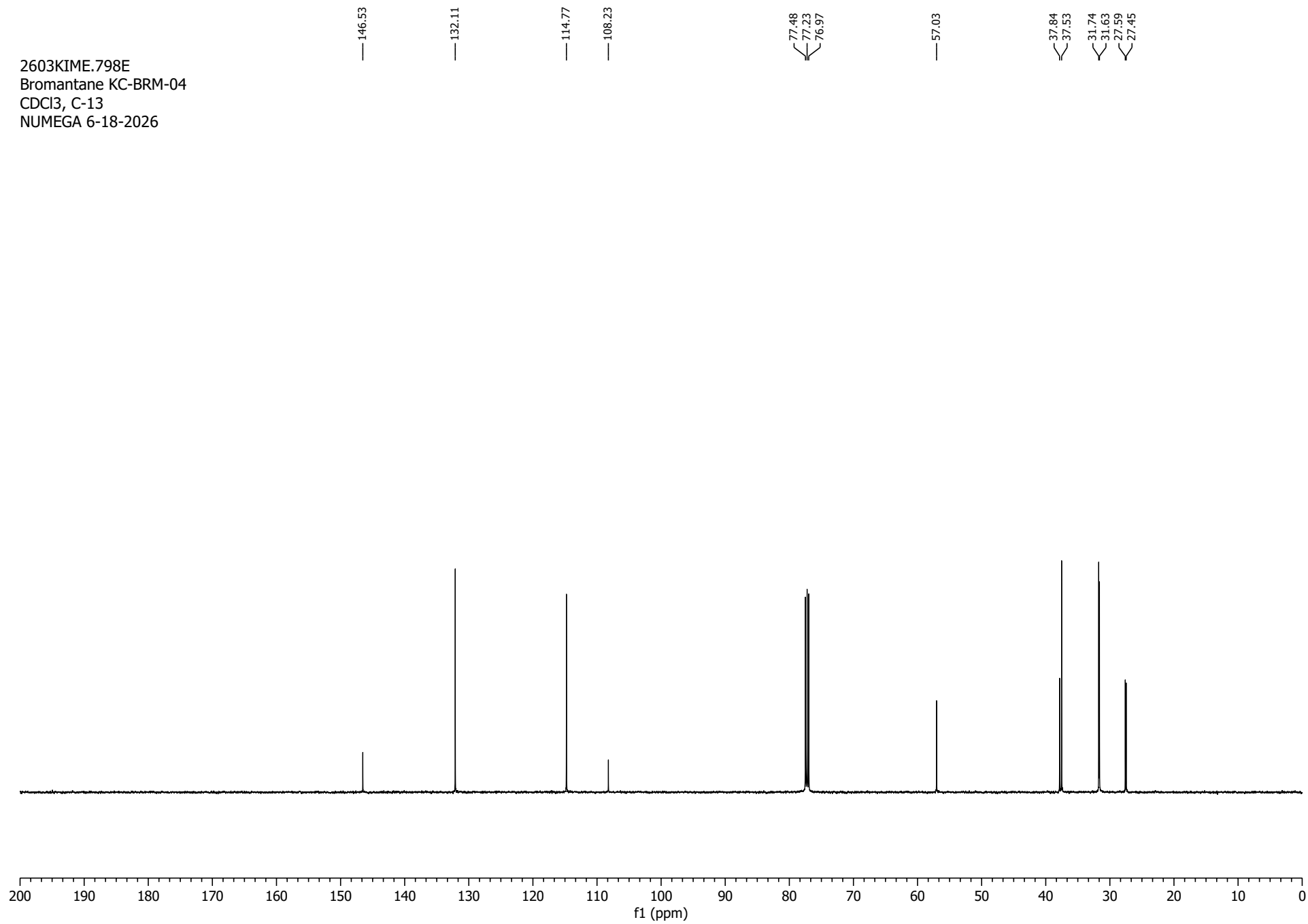
2603KIME.798B
Bromantane KC-BRM-04
CDCl₃, H-1
NUMEGA 6-18-2026



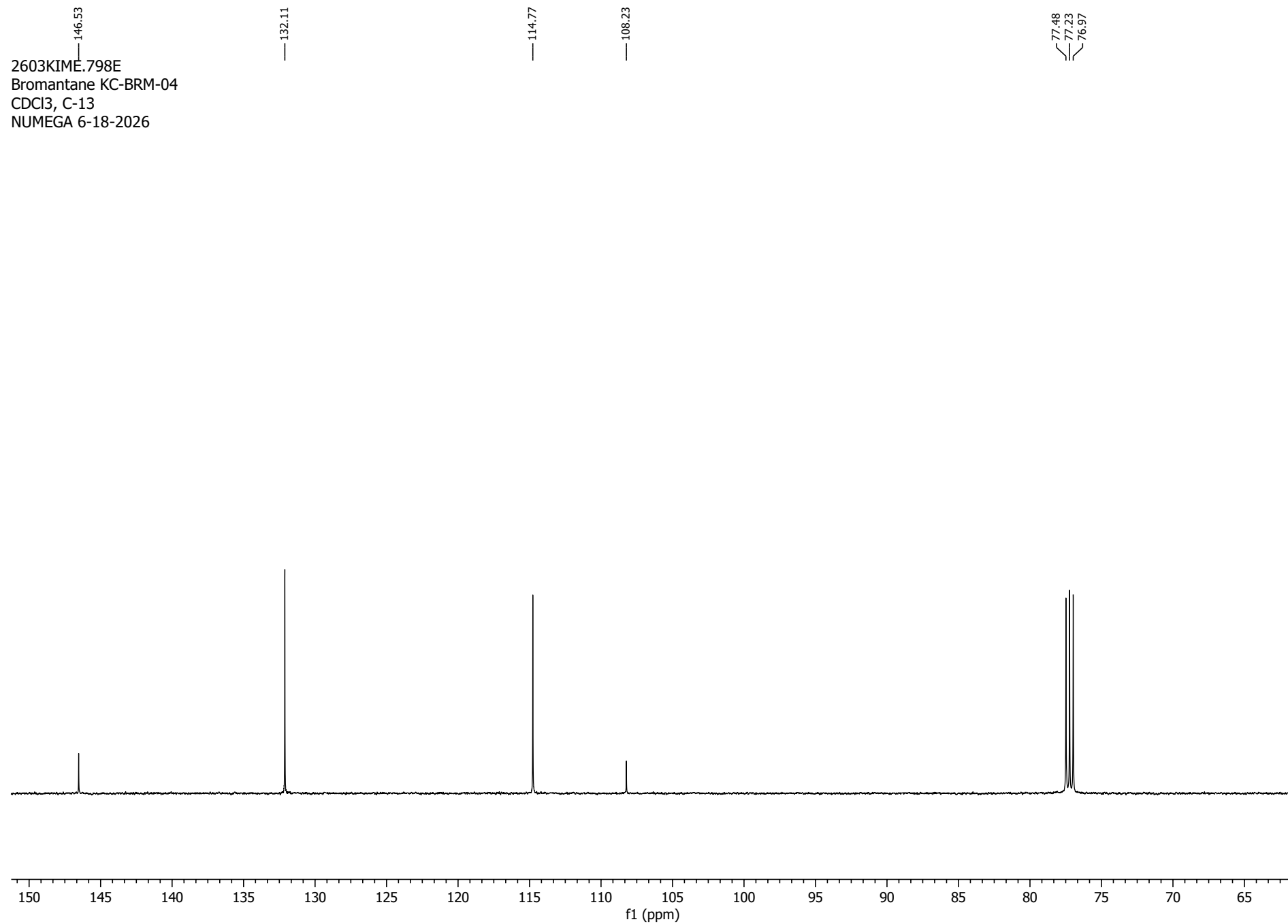
2603KIME.798B
Bromantane KC-BRM-04
CDCl₃, H-1
NUMEGA 6-18-2026



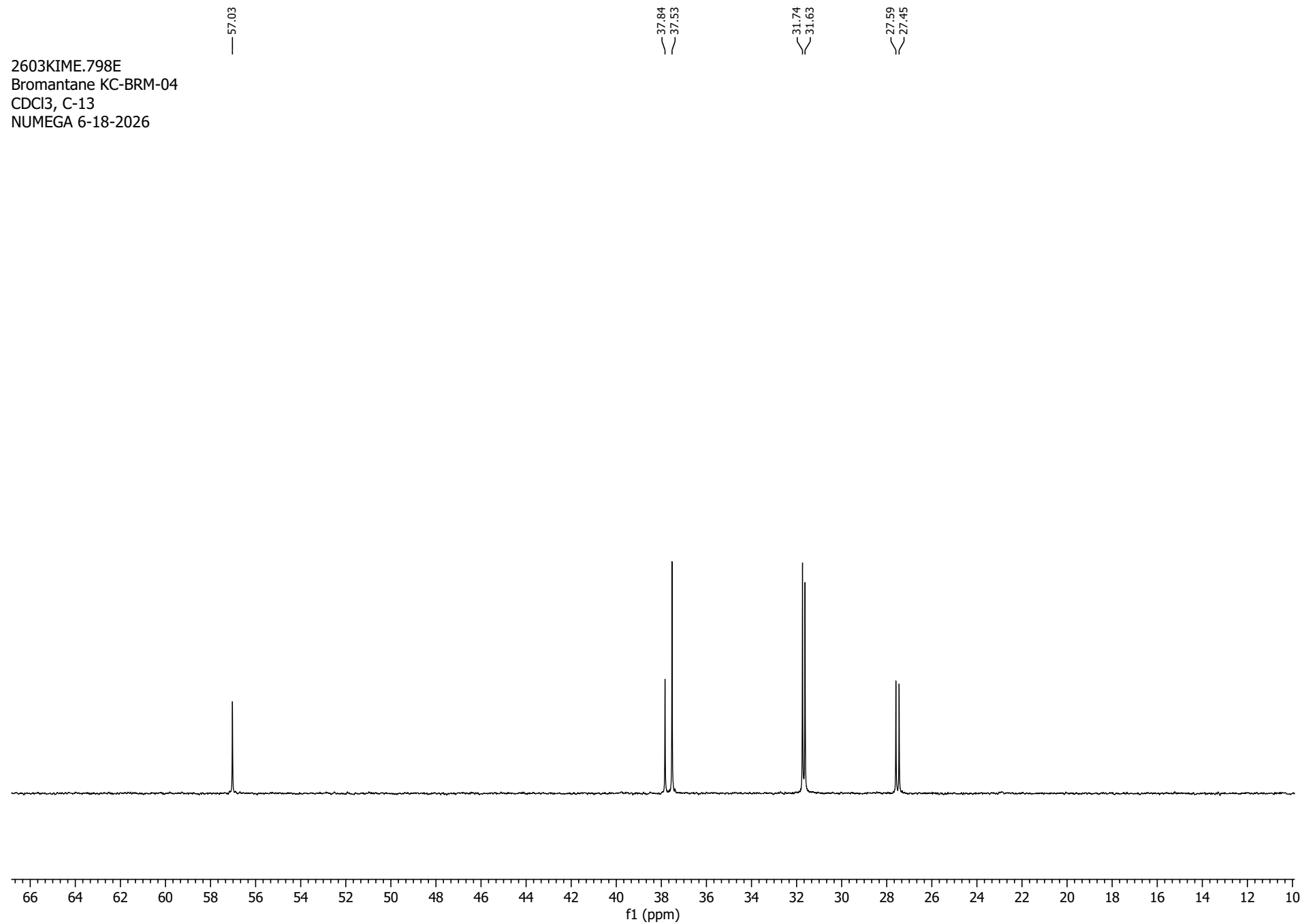
2603KIME.798E
Bromantane KC-BRM-04
CDCl₃, C-13
NUMEGA 6-18-2026



2603KIME.798E
Bromantane KC-BRM-04
CDCl₃, C-13
NUMEGA 6-18-2026



2603KIME.798E
Bromantane KC-BRM-04
CDCl₃, C-13
NUMEGA 6-18-2026



NuMega Resonance Labs
Sample Name: BROMANTANE_KC-BRM-04 2603KIME.798B
Acq. Date: Friday, June 19, 2026

Polarity/Scan Type: Positive Q1 MS

