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PROOF OF AUTHENTICITY

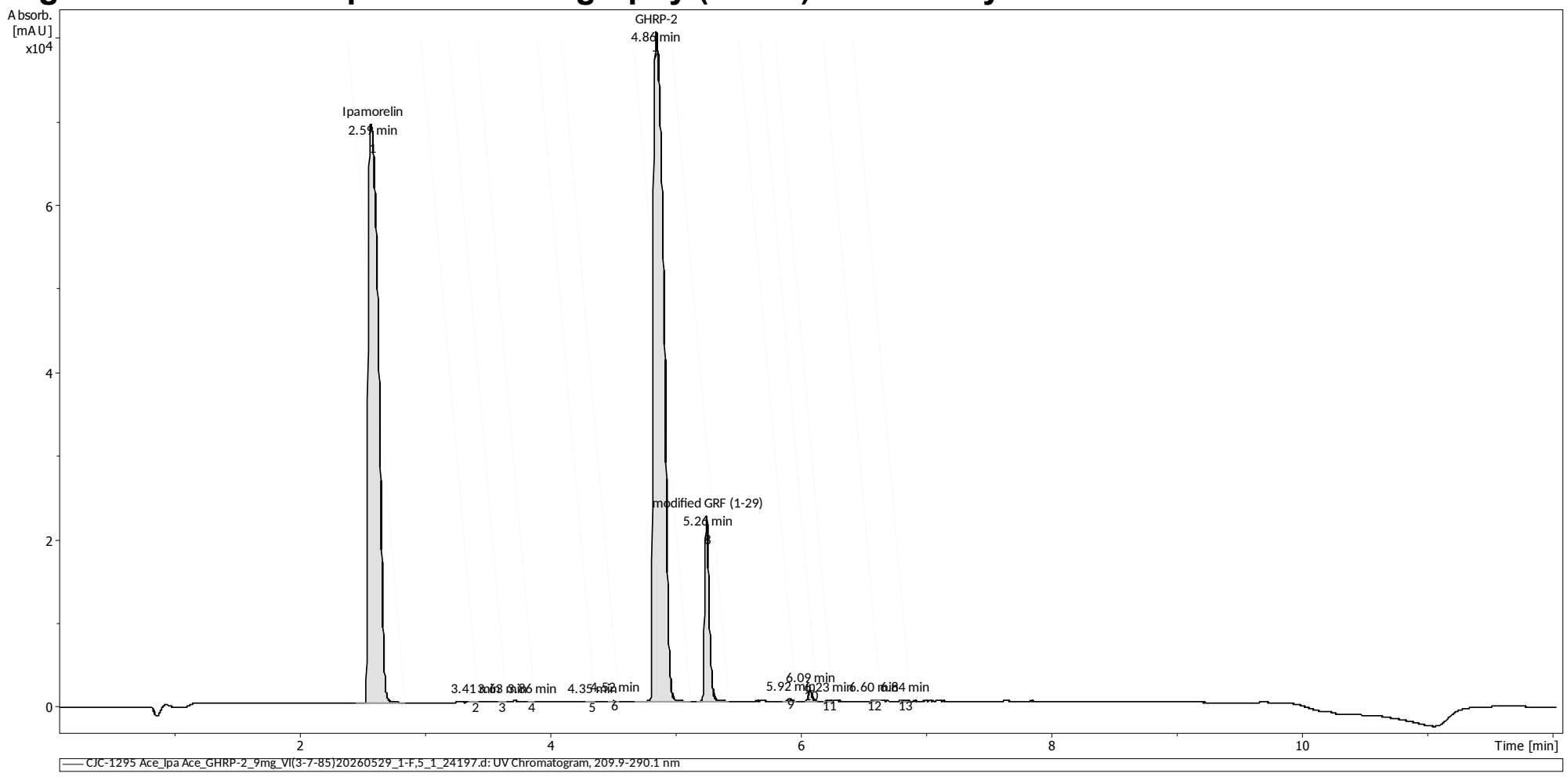
# Certificate of Analysis

## CJC-1295 no DAC, Ipamorelin, GHRP-2

**Compound** : **CJC-1295 ND, Ipamorelin,GHRP-2**
**Lot number** : **3141019**
**Analysis date** : **2026-07-15**
**Purity %** : **99.49%**
**Method** : **HPLC-UV-MS**

**Client :** **Biotech Peptides**

## High Performance Liquid Chromatography (HPLC) UV – Purity Test




PEAK LIST — Number of detected peaks: 13

| | Time (min) | Area | %Area | |
|---|---|---|---|---|
| 1 | **2.59** | **3.90E+05** | **43.26** | **Ipamorelin** |
| 2 | 3.41 | 1.55E+02 | 0.02 | |
| 3 | 3.63 | 1.20E+02 | 0.01 | |
| 4 | 3.86 | 8.81E+01 | 0.01 | |
| 5 | 4.35 | 1.16E+02 | 0.01 | |
| 6 | 4.52 | 2.31E+02 | 0.03 | |
| 7 | **4.86** | **4.51E+05** | **50.08** | **GHRP-2** |
| 8 | **5.26** | **5.54E+04** | **6.15** | **CJC-1295 no DAC** |
| 9 | 5.92 | 6.15E+02 | 0.07 | |
| 10 | 6.09 | 2.63E+03 | 0.29 | |
| 11 | 6.23 | 1.08E+02 | 0.01 | |
| 12 | 6.60 | 3.22E+02 | 0.04 | |
| 13 | 6.84 | 1.27E+02 | 2.02 | |

**Overall Purity :** **99.49**

Note: Injectable peptides may contain salts and sugars to aid in solubility and act as pH buffers.
These are not normally detected using UV and are not considered impurities.

Analysis Performed by
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2026-07-26

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# CJC-1295 no DAC,  Ipamorelin,  GHRP-2

## Mass Spectrometry (MS) – Identity Test

### Identity confirmed using HPLC-MS

Molecular weight calculated using monoisotopic m/z values from mass spectrum

Note : Monoisotopic m/z values are not easily seen in full spectrum view for larger molecules and peptides.
The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

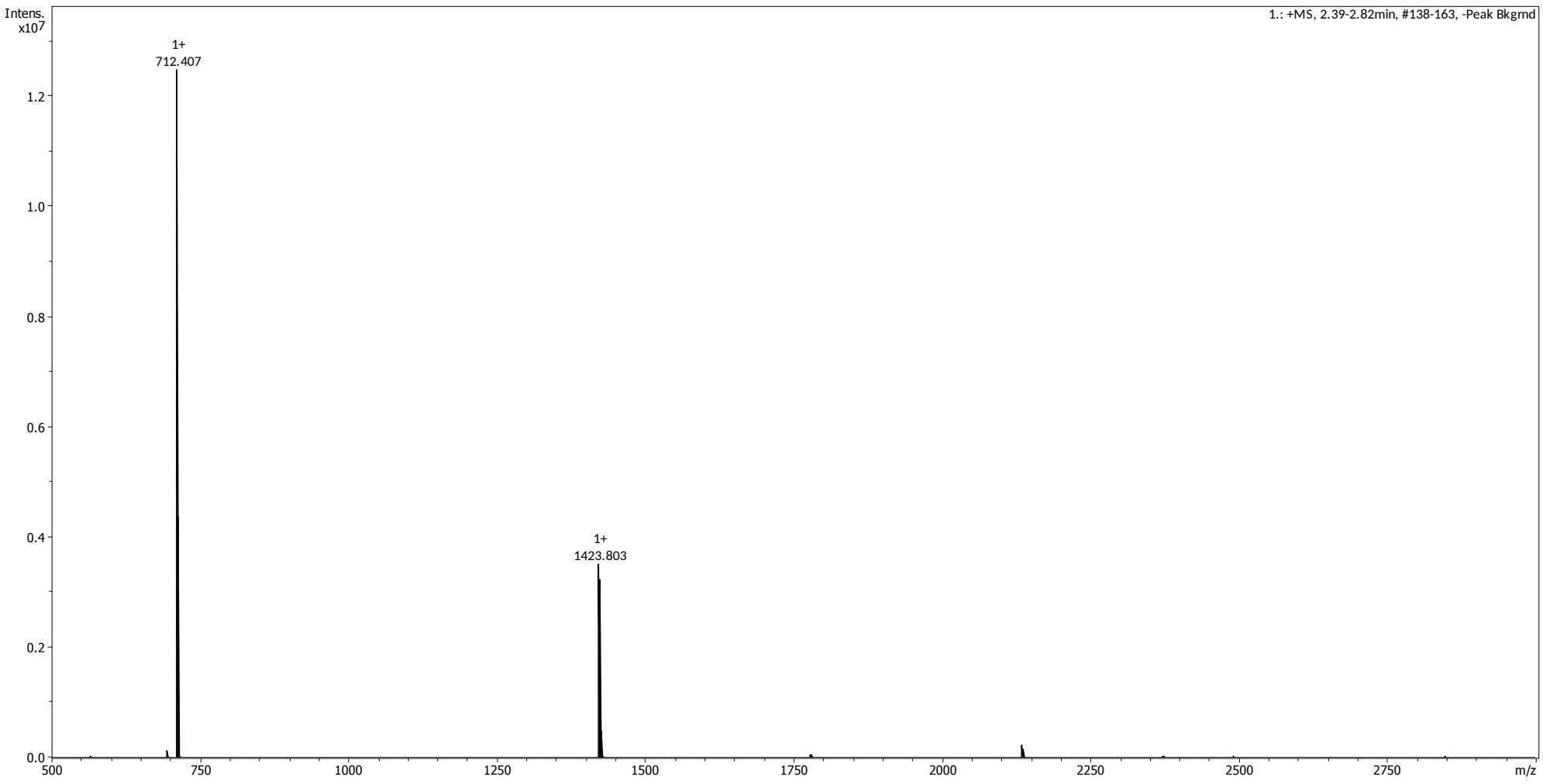
### Ipamorelin

Ipamorelin  PubChem CID: 9831659
https://pubchem.ncbi.nlm.nih.gov/compound/9831659

| | | |
|---|---|---|
| Expected monoisotopic mass : | 711.38 | Da |
| Measured monoisotopic mass : | 711.40 | Da |

**Molecular weight confirmed**

### Ipamorelin recorded MS Spectrum

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Molecular weight calculated using monoisotopic m/z values from mass spectrum

Note : Monoisotopic m/z values are not easily seen in full spectrum view for larger molecules and peptides. The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

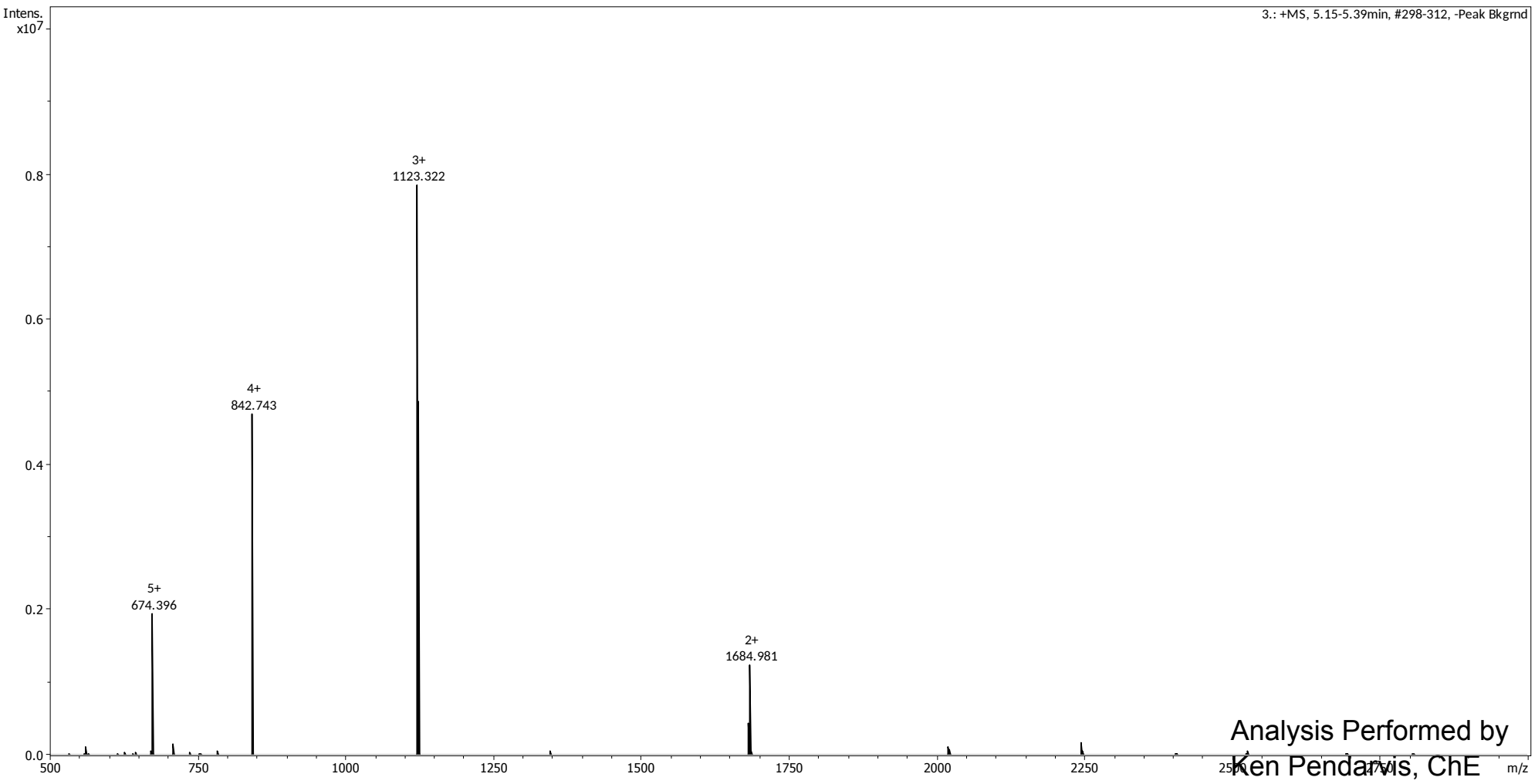
### CJC-1295 no DAC

CJC 1295 no DAC  PubChem CID: 91971820
https://pubchem.ncbi.nlm.nih.gov/compound/91971820

| | | |
|---|---|---|
| Expected monoisotopic mass : | 3365.89 | Da |
| Measured monoisotopic mass : | 3365.97 | Da |

**Molecular weight confirmed**

### CJC-1295 no DAC recorded MS spectrum

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## Mass Spectrometry (MS) – Identity Test

**Identity confirmed using HPLC-MS**
Molecular weight calculated using monoisotopic m/z values from mass spectrum

Note : Monoisotopic m/z values are not easily seen in full spectrum view for larger molecules and peptides. The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

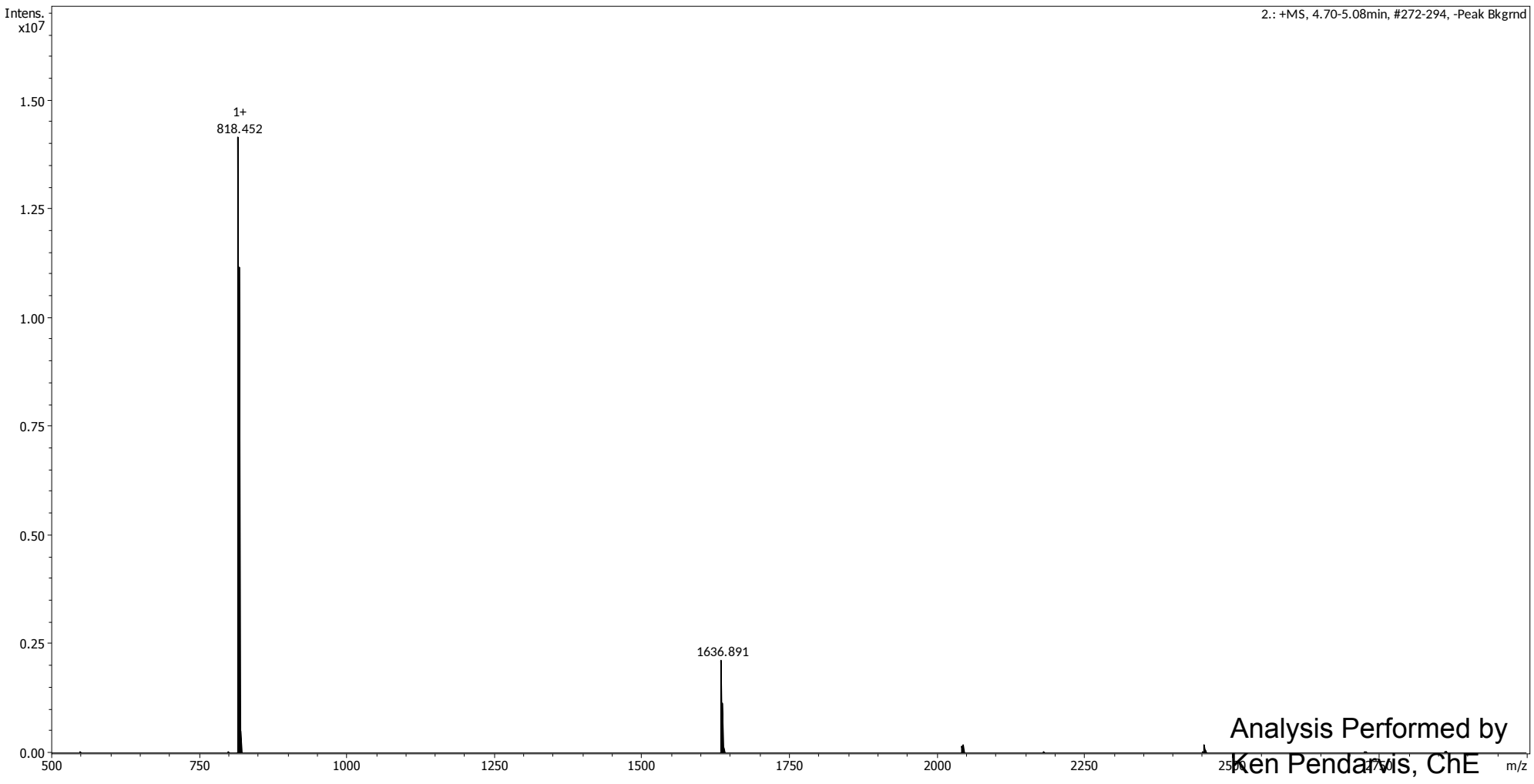
**GHRP-2**

PubChem CID: 44208944
https://pubchem.ncbi.nlm.nih.gov/compound/44208944

| | | |
|---|---|---|
| Expected monoisotopic mass : | 817.43 | Da |
| Measured monoisotopic mass : | 817.45 | Da |

**Molecular weight confirmed**

**GHRP-2 recorded MS spectrum**

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