



Certificate of Analysis

Lipo C 10 ml

Client : EliteEdge Biotech
<http://eliteedgebiotech.biz/>
Product : Lipo-C
Lot Number : 2025-05-28
Analysis date : 2025-06-12
Method : HPLC-MS

High Performance Liquid Chromatography (HPLC) Mass Spectrometry (MS) – Identity Confirmation

Lipo C formulations differ between manufacturers. Not all of the ingredients screened for below will be present.

Compounds screened for in this assay :

Compound	MW	Detected
1 L-Arginine	174.11	yes
2 Ascorbic acid (Vitamin C)	176.03	no
3 B12 ligand free (base off)	1328.56	no
4 B12 cyanocobalamin	1354.57	yes
5 B12 methylcobalamin	1343.59	no
6 L-Carnitine	162.11	yes
7 Choline	104.11	no
8 Inositol	180.06	yes
9 Lidocaine	234.17	no
10 Methionine	149.05	no
11 D-Panthenol (B5)	205.13	no
12 Pantothenic acid (B5)	219.11	yes
13 Pyridoxal phosphate (B6)	247.02	no
14 Pyridoxine (B6)	169.07	yes
15 Thiamine (B1)	265.11	no
16 Thiamine pyrophosphate (B1)	425.04	no

Details regarding identified compounds on following pages.

The compounds detected are:

L-Arginine
L-Carnitine
Inositol
Vitamin B5 as pantothenic acid
Vitamin B6 as Pyridoxine
Vitamin B12 as cyanocobalamin

These are typical ingredients expected in LipoC.

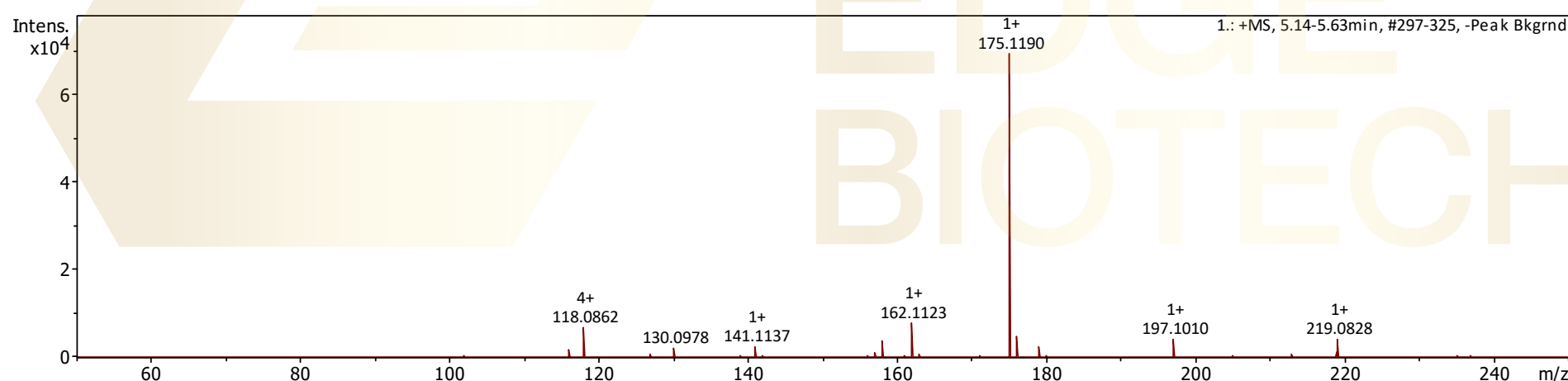
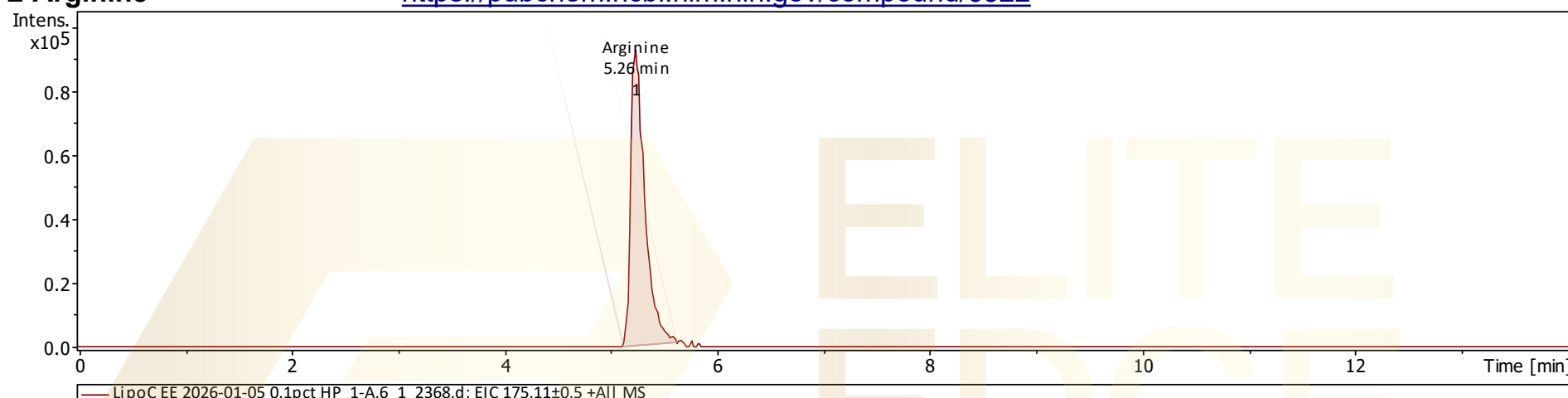
Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
contact@mzbiolabs.com



2026-01-29

L-Arginine

<https://pubchem.ncbi.nlm.nih.gov/compound/6322>



L-Arginine detected at 5.26 minutes

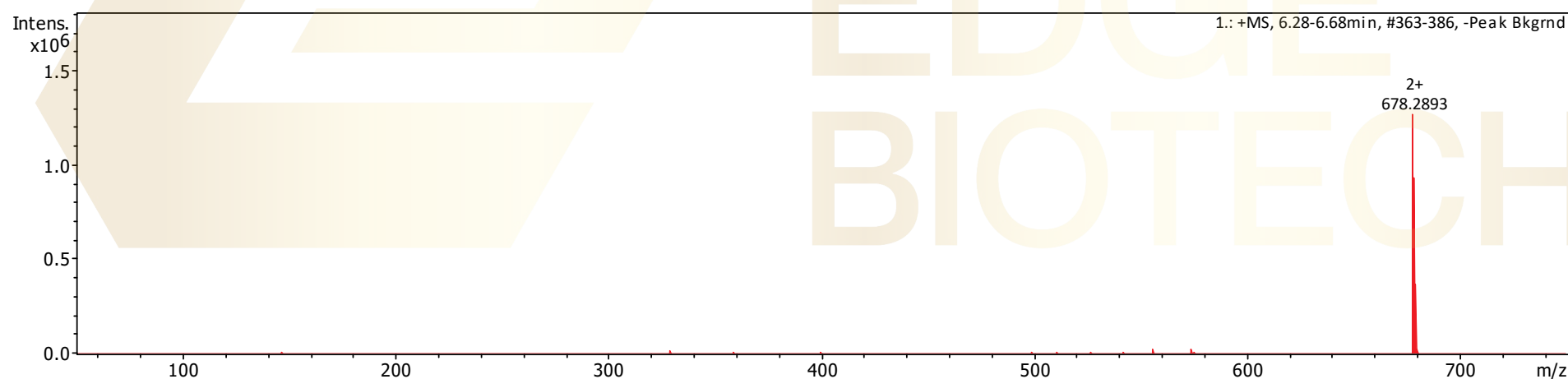
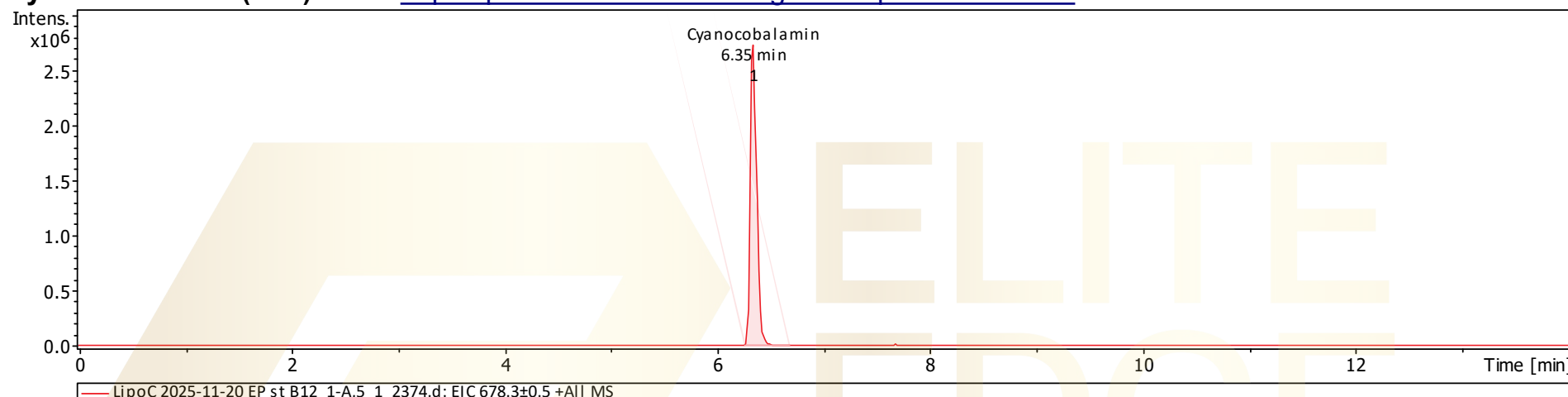
Expected monoisotopic mass : 174.11 Da

Measured monoisotopic mass : 174.12 Da

Molecular weight confirmed

Cyanocobalamin (B12)

<https://pubchem.ncbi.nlm.nih.gov/compound/5311498>



Cyanocobalamin detected at 6.35 minutes

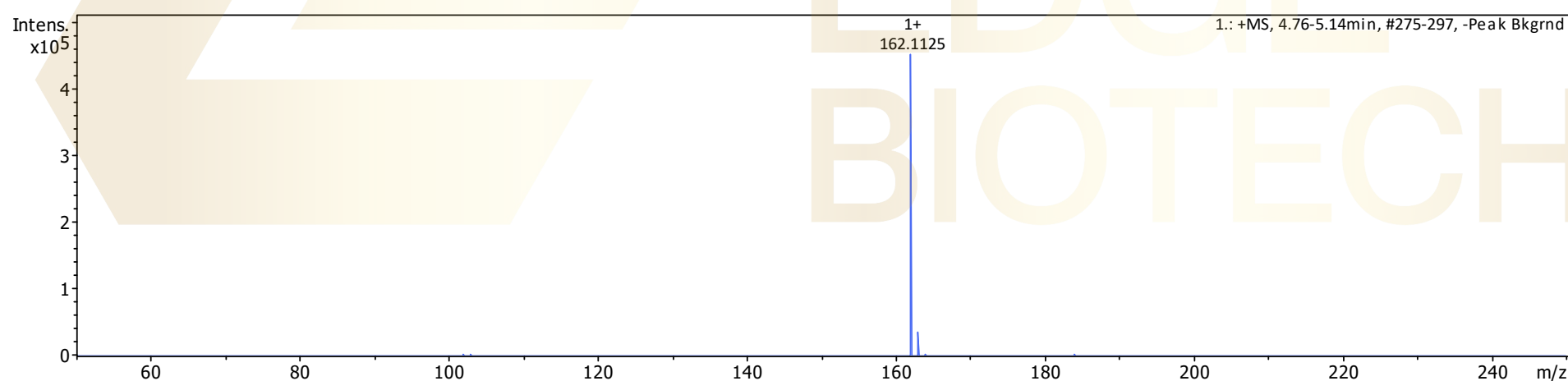
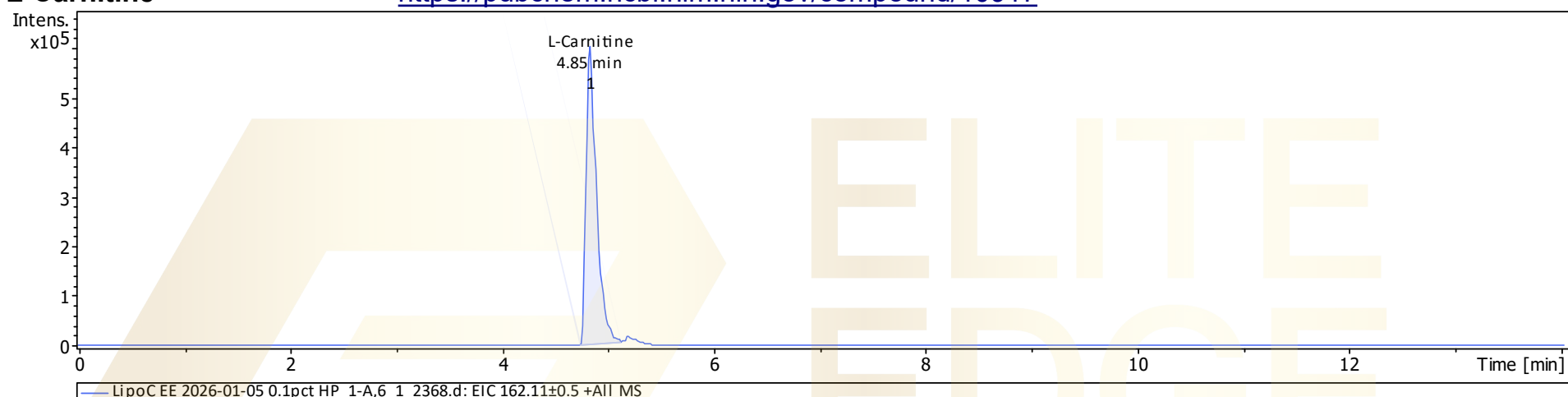
Expected monoisotopic mass : 1354.57 Da

Measured monoisotopic mass : 1354.58 Da

Molecular weight confirmed

L-Carnitine

<https://pubchem.ncbi.nlm.nih.gov/compound/10917>



L-Carnitine detected at 4.85 minutes

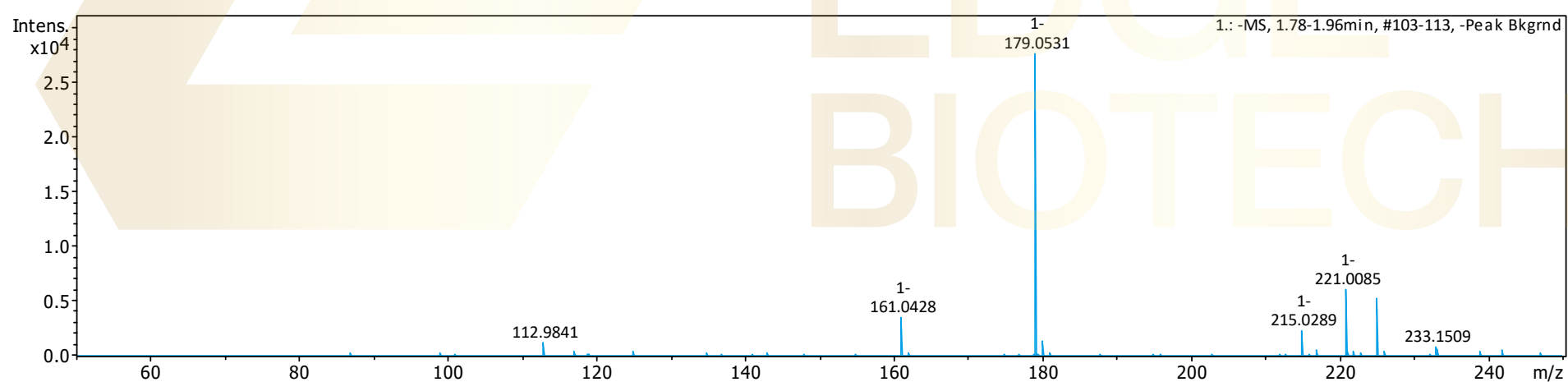
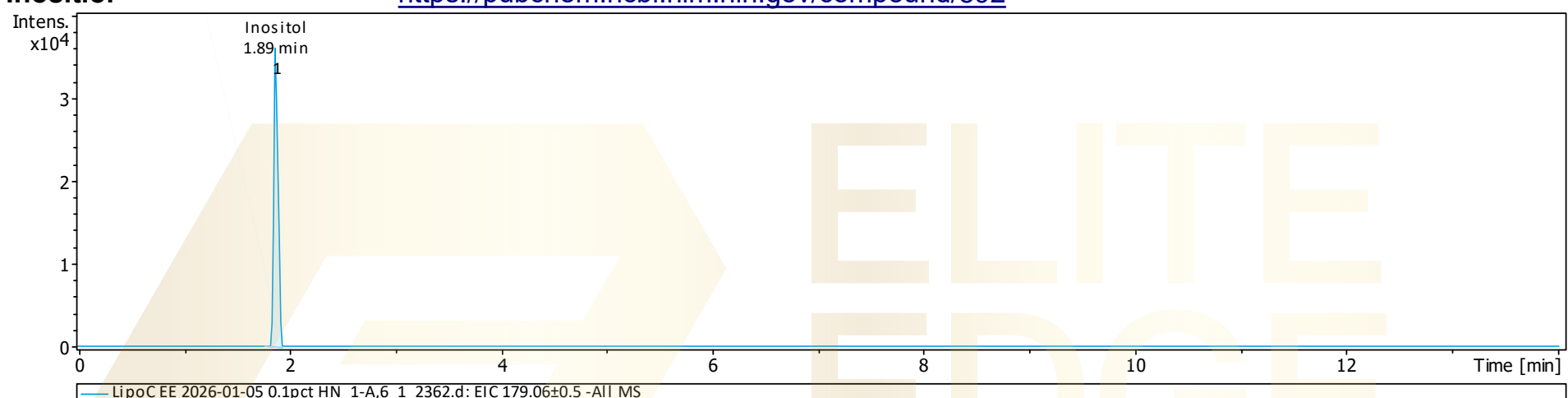
Expected monoisotopic mass : 162.11 Da

Measured monoisotopic mass : 162.11 Da

Molecular weight confirmed

Inositol

<https://pubchem.ncbi.nlm.nih.gov/compound/892>



Inositol detected at 1.89 minutes

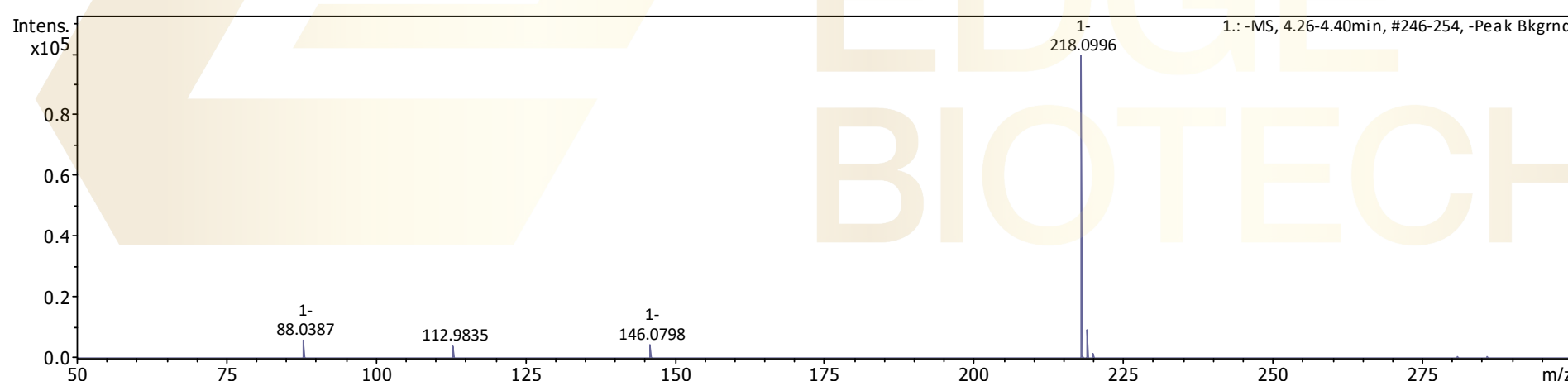
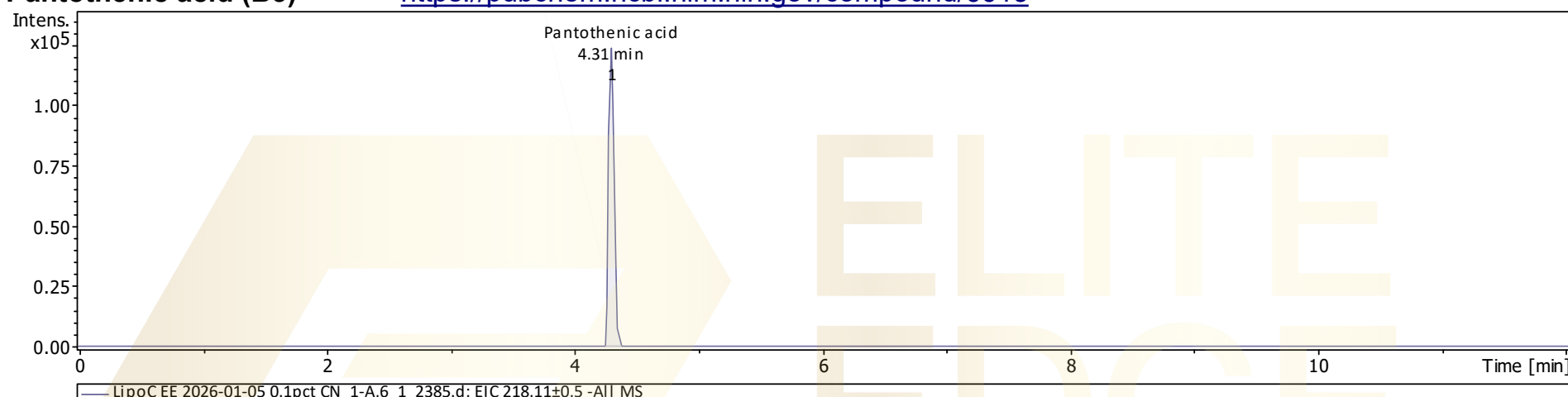
Expected monoisotopic mass : 180.06 Da

Measured monoisotopic mass : 180.05 Da

Molecular weight confirmed

Pantothenic acid (B5)

<https://pubchem.ncbi.nlm.nih.gov/compound/6613>



Pantothenic acid detected at 4.31 minutes

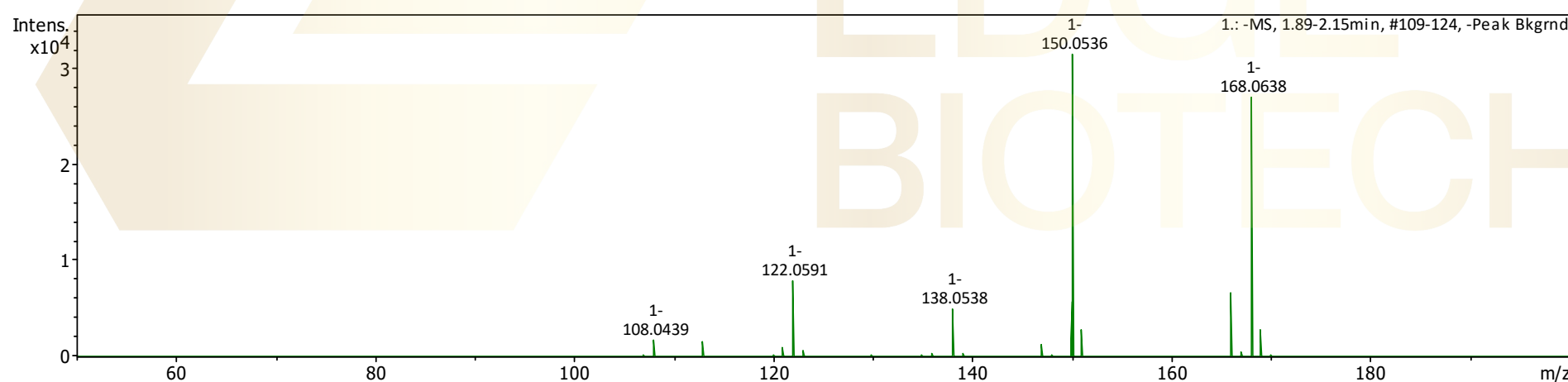
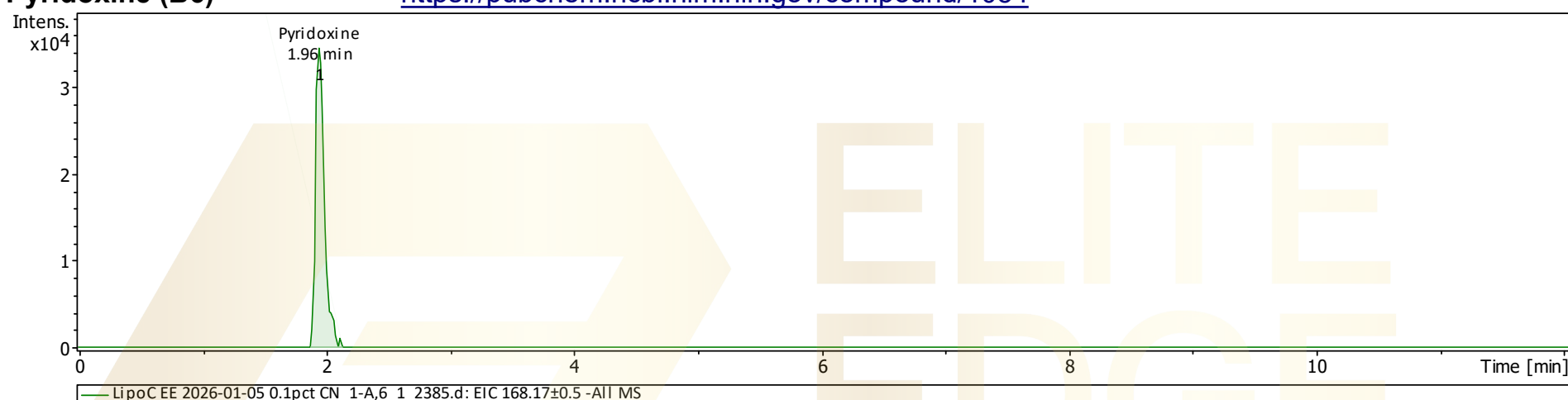
Expected monoisotopic mass : 219.11 Da

Measured monoisotopic mass : 219.10 Da

Molecular weight confirmed

Pyridoxine (B6)

<https://pubchem.ncbi.nlm.nih.gov/compound/1054>



Pyridoxine detected at 1.96 minutes

Expected monoisotopic mass : 169.07 Da

Measured monoisotopic mass : 169.06 Da

Molecular weight confirmed