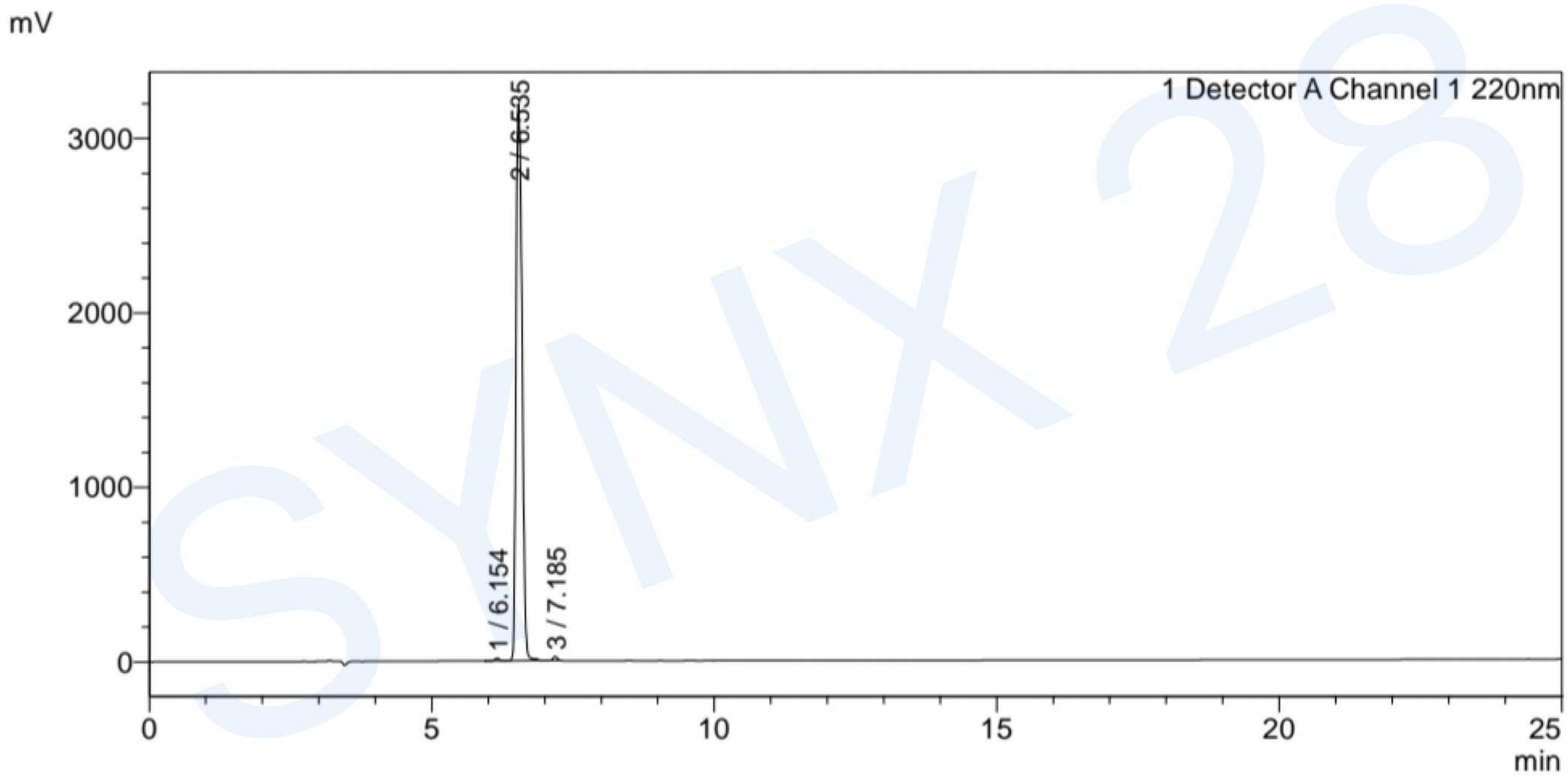
Sample Name:DSIP 10mg
Sample ID : SYNX28
Time Processed: 17:52:12
Month-Day-Year Processed :05/28/2026

Pump A : 0.065% trifluoroacetic in 100% water (v/v)
Pump B : 0.05% trifluoroacetic in 100% acetonitrile (v/v)
Total Flow:1 ml/min
Wavelength:220 nm
<<LC Time Program>>

Time	Module	Command	Value
0.01	Pumps	B.Conc	5
25.00	Pumps	B.Conc	65
25.01	Pumps	B.Conc	95
27.00	Pumps	B.Conc	95
27.01	Pumps	B.Conc	5
35.00	Pumps	B.Conc	5
35.00	Controller	Stop	

<<Column Performance>>
<Detector A>
Column : Inertsil ODS-SP 4.6 x 250 mm
Equipment:ZJ19010014

<Chromatogram>



<Peak Table>

Detector A Channel 1 220nm

Peak#	Ret. Time	Area	Height	Area%
1	6.154	85303	14888	0.359
2	6.535	23555490	3192947	99.081
3	7.185	133263	22614	0.561
Total		23774056	3230449	100.000

SYNX 28

Confidential and Privileged

Peptide Content Report

Sample Name:DSIP 10mg

Sample ID:SYNX 28
Date Processed(MM/DD/YYYY):05/30/2026
Instrument: Thermo Fisher Flash Smart Elemental Analyzer

Result of detecting

Times	N/%
Avg.	3.96

Calculation Method:

The net peptide content/%=N/%*MW(peptide)/(n*MW(nitrogen))

N/%:Nitrogen content determined by elemental analysis;
MW(peptide): Theoretical Molecular Weight;
n: The number of nitrogen element;
MW (nitrogen): atomic weight(nitrogen);

Result of analyzing

Times	N/%	The net peptide content/ %
Avg.	3.96	(3.96*848.81)/(10*14)=24.01
Avg.	The net peptide content/ %=24.01	

Gross Weight:67mg
Net Weight:67*24.01=16.1mg

SYNX 28

The Qualitative Detection of Endotoxin

Sample Name : DSIP 10mg

Sample ID: SYNX 28

Da te Processed{MM/ DD/YYYY) :05/31/2026

{Sample ID final concentration 1 mg/ml)

LAL sensitivity: 0.02EU/ml

Sample Endotoxin level:

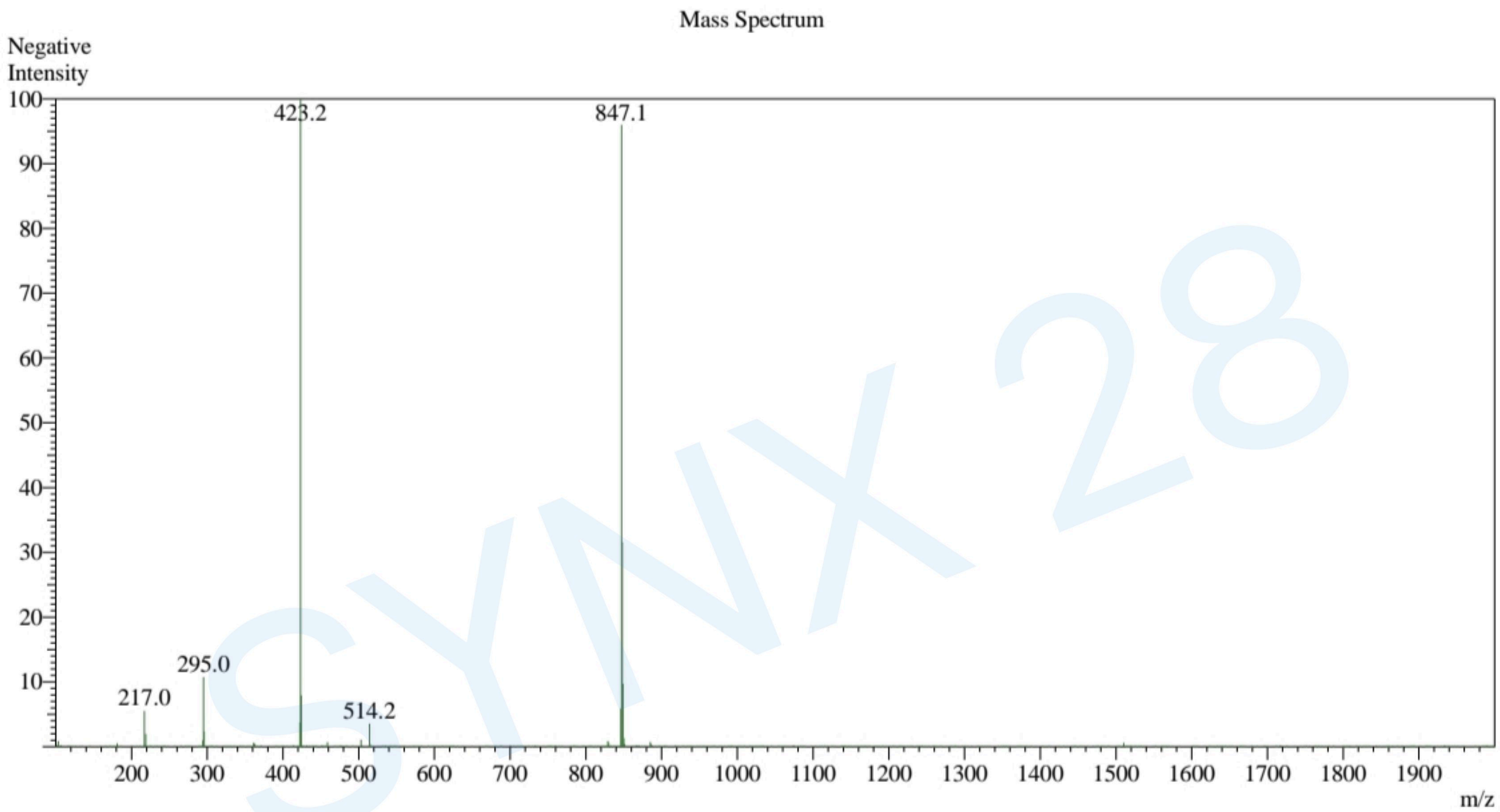
1. The endotoxin level in sample was detected using Horseshoe Crab Rea gent, the phenomenon is listed as followed:

Table 1:

Inspection tube	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml Detection solution	Parallel	
		1	2
Sample	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml Sample solution	-	-
Sample positive control	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml 2 λSample positive solution	+	+
Positive control	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml positive solution	+	+
Negative control	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml LAL Reagent Water	-	-

Note: The test result is positive which expressed by"+", and negative is expressed by"—".
2. Result:
The endotoxin level in sample is: <0.02EU/mg

SYNX 28



Sample Information
Month-Day Processed : 05/29/26
Time Processed : 18:39:05
Injection Volume : 0.4
Sample Name : DSIP 10mg
Theoretical MW : 848.81
Observed MW : 848.1

Interface :ESI
Nebulizing Gas Flow :1.5L/min
CDL Temp :250
Block Temp :200

Equipment : ZJ17010408
Interface Bias : -3.5 kV
Drying Gas Flow :5 L/min
T.Flow :0.2 ml/min
B.conc :50%H2O/50%MeOH

SYMX 28