MZ Biolabs
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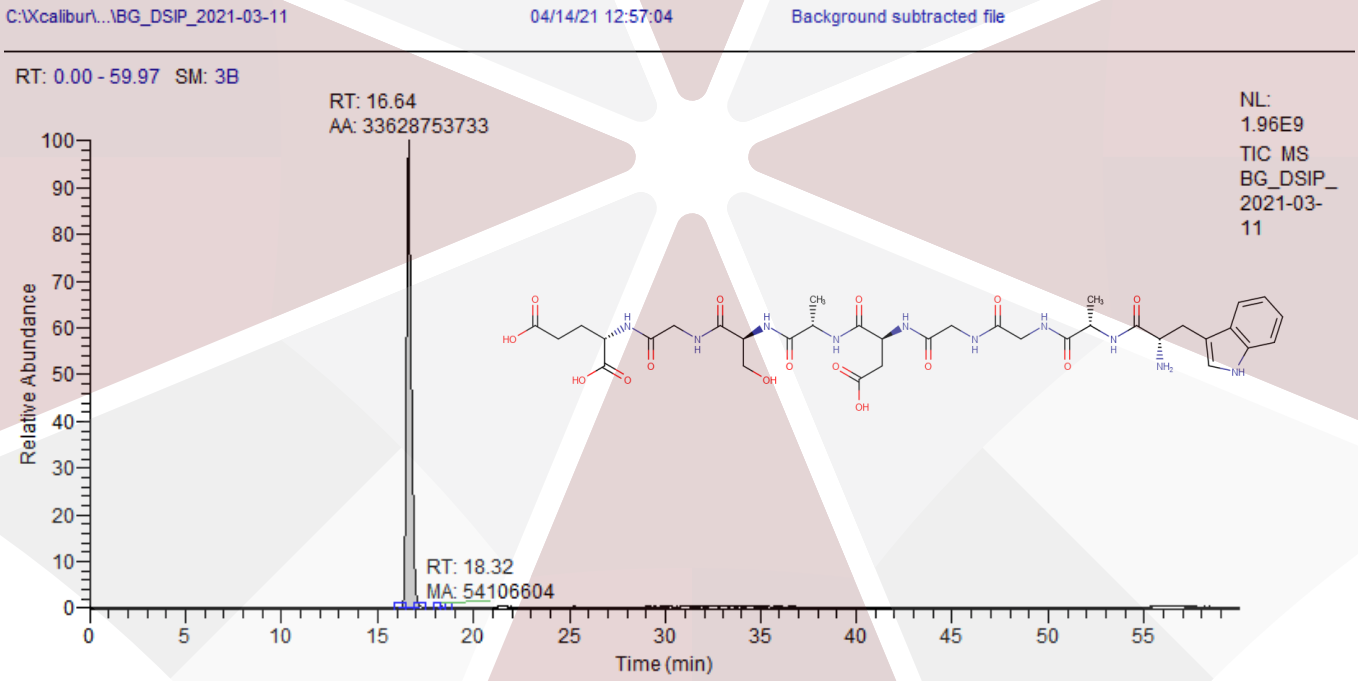
Certificate of Analysis

DSIP (delta-sleep inducing peptide)

TRP-ALA-GLY-GLY-ASP-ALA-SER-GLY-GLU

Compound	: **DSIP**	**Client :**	**UMBRELLA.us**
Lot number	: **2021-03-11**		**3280 E Hemisphere Loop**
Analysis date	: **2021-03-24**		**Tucson, Arizona 85706**
Purity %	: **99.84%**		
Method	: **Mass Spectrometry and UV**		

PubChem CID: 68816
https://pubchem.ncbi.nlm.nih.gov/compound/68816



PEAK LIST — Number of detected peaks: 2

Time (min)	Area	%Area	
16.64	**3.36E+10**	**99.84**	**DSIP**
18.32	5.41E+07	0.16	

Peak purity confirmed using UV detection
Peak identity confirmed by mass spectrum evaluation
Expected mass : 848.33 g
Measured mass : 848.40 g
Molecular weight confirmed

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

2021-04-14