



TEST REPORT

RT60-20260823S0517

Authentication Code:

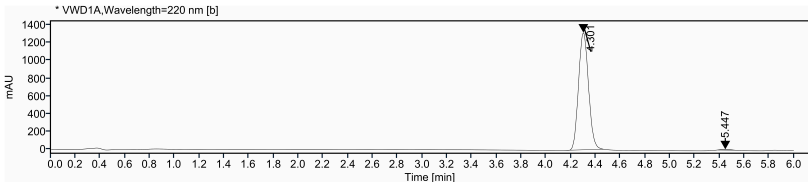
Sample Received: 2026-08-23

Analysis date: 2026-08-24

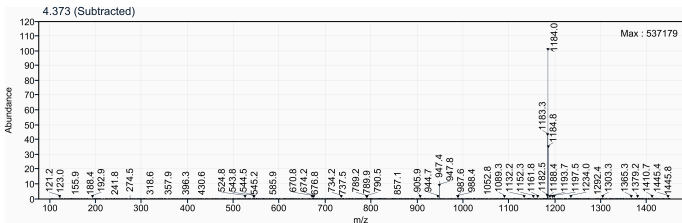


Compound	RT60/Retatrutide	CAS Number	2381089-83-2
Formula	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈	Molecular Weight	4731.41
Manufacturer	N/A		

HPLC-MS Details:



RT [min]	Type	Width [min]	Area	Height	Area%
4.301	MM m	0.3114	7346.0644	1317.6508	99.3798
5.447	MM m	0.1444	45.8412	8.6145	0.6202
Sum			7391.9056		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.37%
Mass Spectrum	Conforms to [M+4H] ⁴⁺	Detected
Endotoxin	1.047 EU/Vial	
Peptide Weight	63.97 mg	

Peng Gao

Zhibo Li

Peng Gao, Data Compilation

Zhibo Li, Technical Review

重要声明 / Important Notice

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LCMS Sample Purity - Detailed Report



Result set name: SingleSample

Data file: RT60.dx

Sample name: RT60

Instrument: LCMS

Inj. volume: 3.000 µL

Acq. method: LCMS-02AB.amx

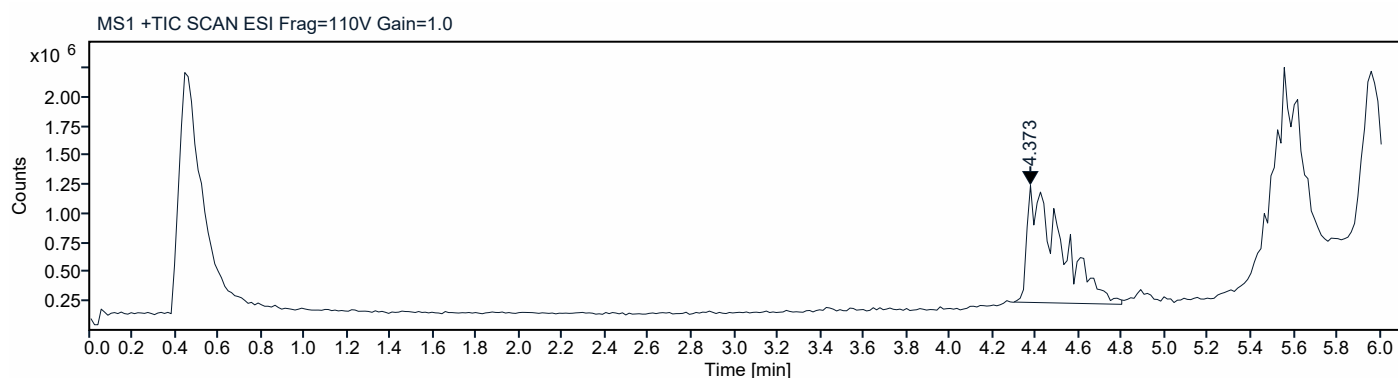
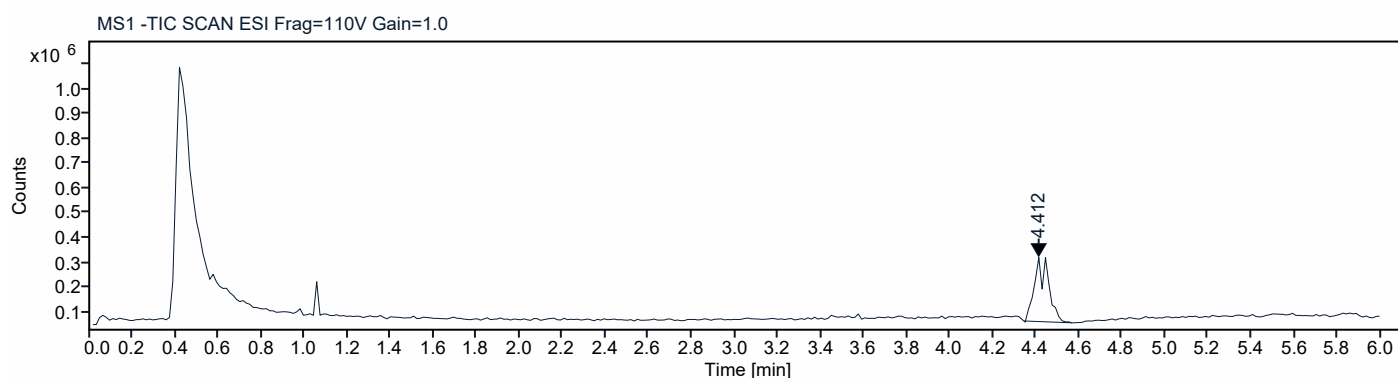
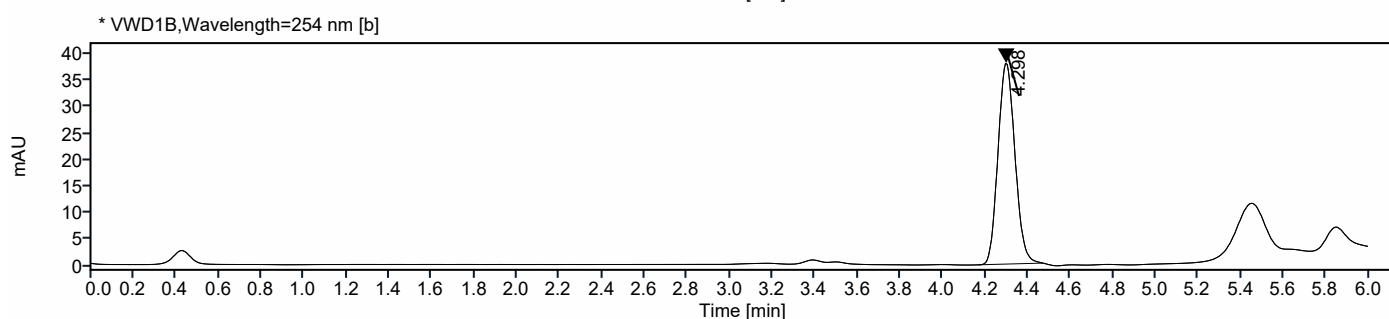
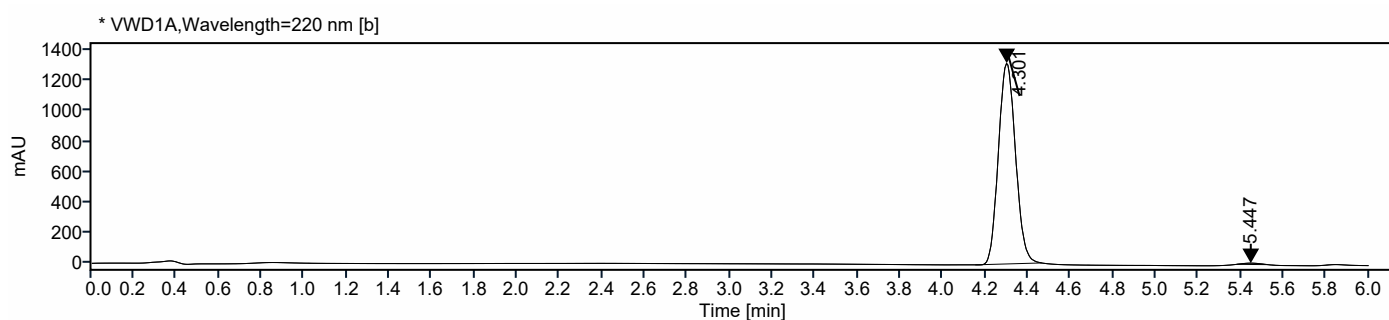
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-08-24 09:41:43+08:00

Location: P1-A6



Signal: MS1 +TIC SCAN ESI Frag=110V Gain=1.0

RT [min]	Type	Width [min]	Area	Height	Area%
4.373	MV m	0.5005	11100102.49 43	1003257.61 60	100.0000
Sum			11100102.49 43		

Signal: MS1 -TIC SCAN ESI Frag=110V Gain=1.0

RT [min]	Type	Width [min]	Area	Height	Area%
4.412	MB m	0.2236	1191245.33 23	258387.6157	100.0000
Sum			1191245.33 23		

Signal: * VWD1A,Wavelength=220 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.301	MM m	0.3114	7346.0644	1317.6508	99.3798
5.447	MM m	0.1444	45.8412	8.6145	0.6202
Sum			7391.9056		

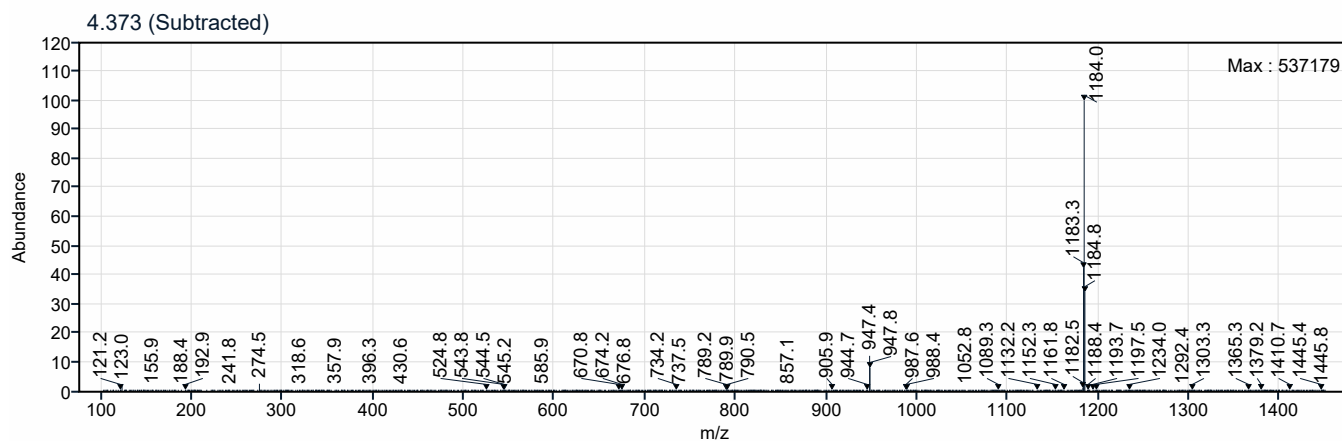
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.298	MM m	0.3024	209.7278	38.0045	100.0000
Sum			209.7278		

Peak Details (Area Percent at least 1%)

Signal Description: MS1 +TIC SCAN ESI Frag=110V Gain=1.0

Peak RT: 4.373 min **Area %:** 100.00%



Signal Description: MS1 -TIC SCAN ESI Frag=110V Gain=1.0

Peak RT: 4.412 min **Area %:** 100.00%

