TEST REPORT

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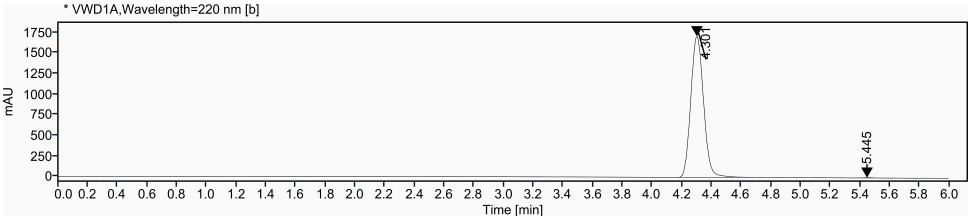
RT30-20260828S0535 **Sample Received: 2026-08-28**

Authentication Code: **Analysis date: 2026-08-28**

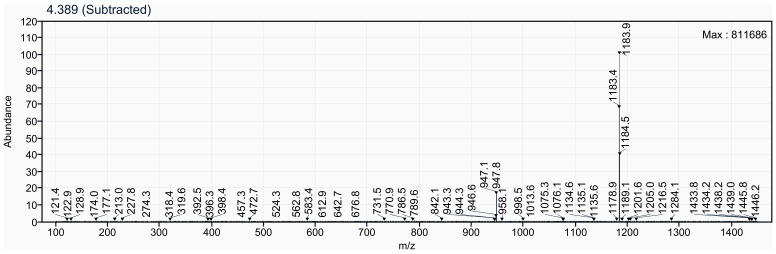
Compound	RT30/Retatrutide	CAS Number	2381089-83-2
Formula	$C_{221}H_{342}N_{46}O_{68}$	Molecular Weight	4731.41
Manufacturer	JUN		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.301	MM m	0.5178	10169.4130	1709.4168	99.8656
5.445	MM m	0.1466	13.6865	2.9924	0.1344
		Sum	**10183.0995**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.86%
Mass Spectrum	Conforms to $[M+4H]^{4+}$	Detected
Peptide Weight	32.31 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

重要声明 / Important Notice

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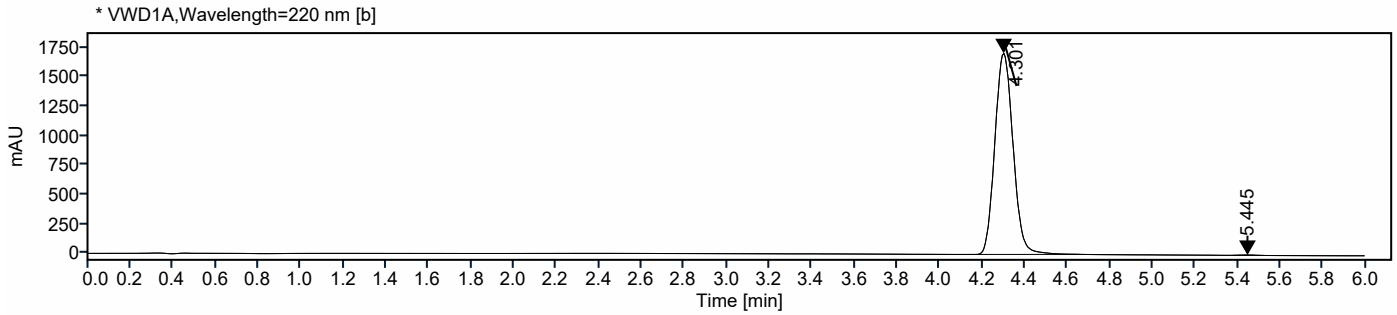
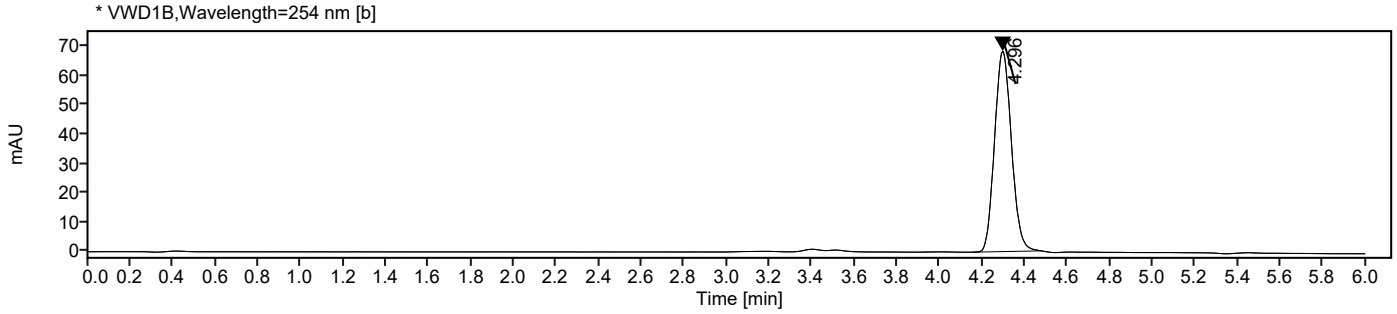
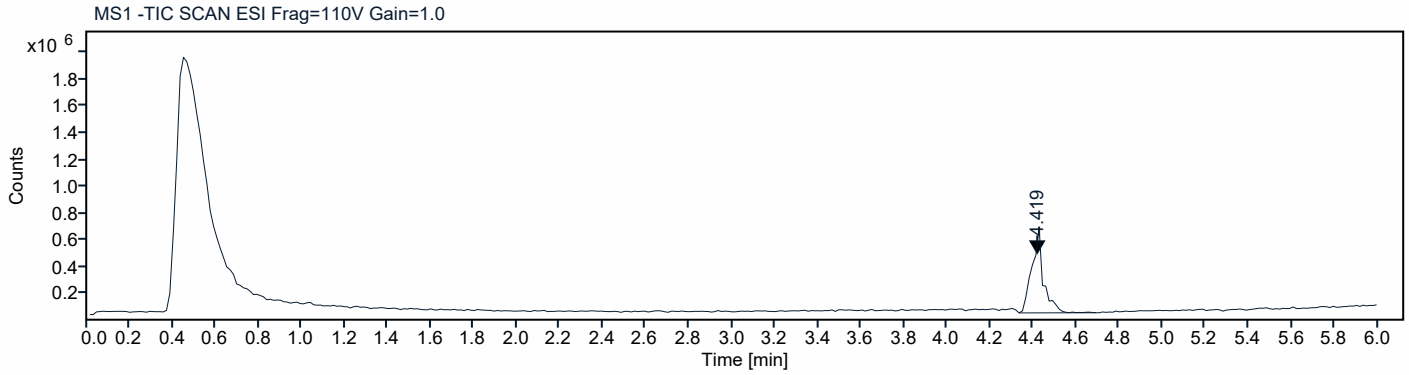
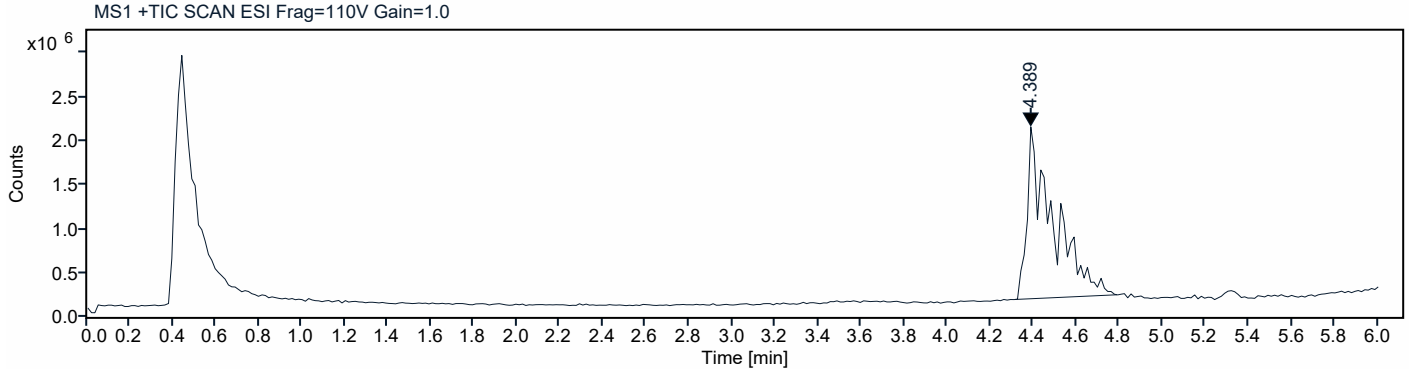
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	RT30.dx	**Project name:**	2026
Sample name:	RT30	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-08-28 10:14:05+08:00
Inj. volume:	5.000 µL	**Location:**	P1-F5
Acq. method:	LCMS-02AB.amx		
Processing method:	LCMS-LJJ.pmx		









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

RT [min]	Type	Width [min]	Area	Height	Area%
4.389	MM m	0.4741	16492755.7227	1955359.7589	100.0000
		Sum	**16492755.7227**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.419	BB	0.3571	2359449.3554	433841.8084	100.0000
		Sum	**2359449.3554**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.301	MM m	0.5178	10169.4130	1709.4168	99.8656
5.445	MM m	0.1466	13.6865	2.9924	0.1344
		Sum	**10183.0995**		

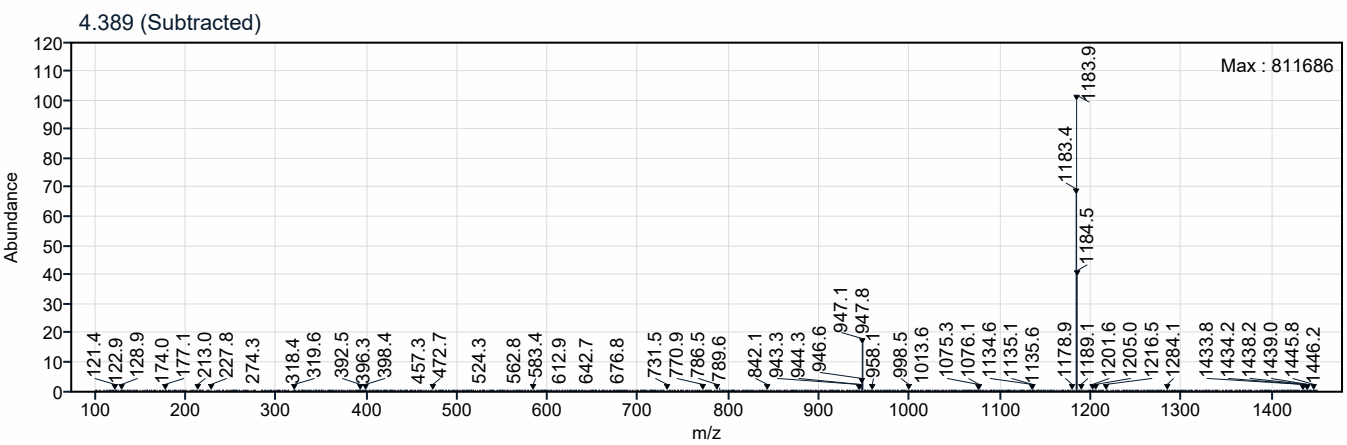
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.296	MM m	0.3204	377.2493	68.5631	100.0000
		Sum	**377.2493**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.389 min **Area %:** 100.00%



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

Peak RT: 4.419 min **Area %:** 100.00%

