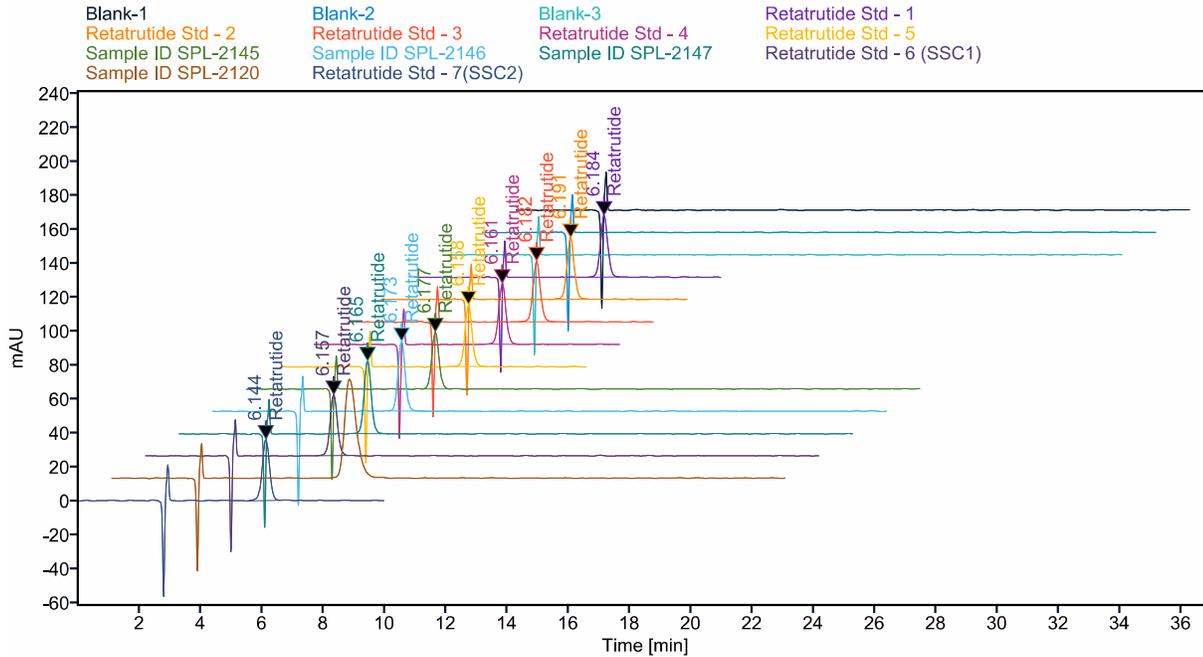


Sample Potency and ID Report

Sequence Name 1004_hmp_103025

Sequence Acquired Date 2025-10-30 14:43:22-04:00

Overlay Chromatogram



Potency and ID Results

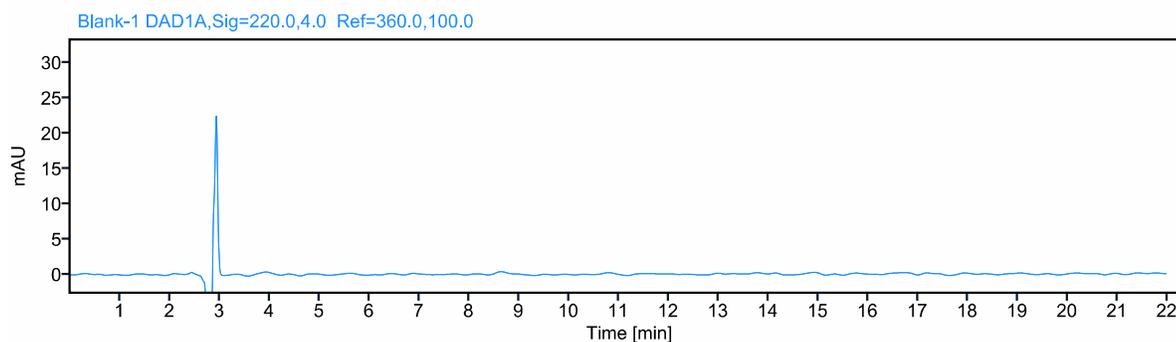
Sample Name	Name	RT	Area	Multiplier	Amount	Unit	UV Match Factor	Peak Purity
Retatrutide Std - 1	Retatrutide	6.184	604.6	1;1;1;1;1	9.94	%	1000	1000
Retatrutide Std - 2	Retatrutide	6.191	607.7	1;1;1;1;1	9.99	%	1000	1000
Retatrutide Std - 3	Retatrutide	6.182	605.3	1;1;1;1;1	9.95	%	1000	1000
Retatrutide Std - 4	Retatrutide	6.161	602.7	1;1;1;1;1	9.91	%	1000	1000
Retatrutide Std - 5	Retatrutide	6.158	601.5	1;1;1;1;1	9.89	%	1000	1000
Sample ID SPL-2145	Retatrutide	6.177	553.6	13.33333;1;1;1;1	121.33	%	1000	1000
Sample ID SPL-2146	Retatrutide	6.173	678.0	10;1;1;1;1	111.45	%	1000	1000
Sample ID SPL-2147	Retatrutide	6.165	701.9	10;1;1;1;1	115.37	%	1000	1000
Retatrutide Std - 6 (SSC1)	Retatrutide	6.157	600.6	1;1;1;1;1	9.87	%	1000	1000
Retatrutide Std - 7(SSC2)	Retatrutide	6.144	607.5	1;1;1;1;1	9.99	%	1000	1000

Purity Results

Sample Potency and ID Report

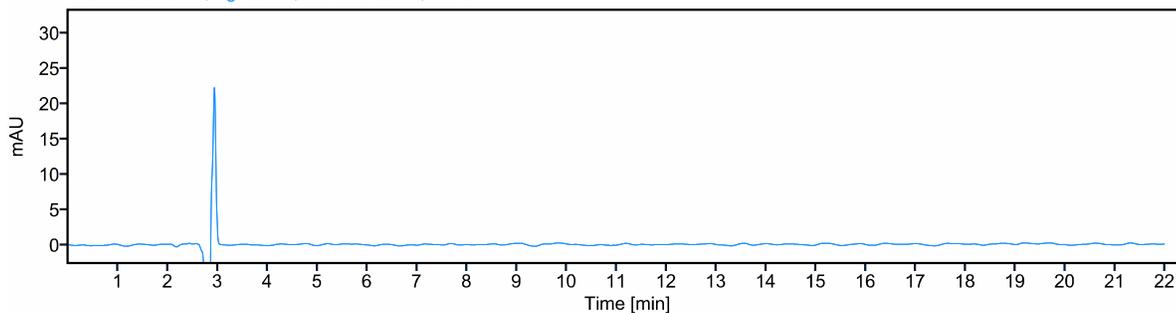
Sample Name	Name	RT	Area	Peak Area Percent
Retatrutide Std - 1	Retatrutide	6.184	604.6	100.000
Retatrutide Std - 2	Retatrutide	6.191	607.7	100.000
Retatrutide Std - 3	Retatrutide	6.182	605.3	100.000
Retatrutide Std - 4	Retatrutide	6.161	602.7	100.000
Retatrutide Std - 5	Retatrutide	6.158	601.5	100.000
Sample ID SPL-2145		5.613	2.5	0.446
Sample ID SPL-2145	Retatrutide	6.177	553.6	99.025
Sample ID SPL-2145		6.851	3.0	0.528
Sample ID SPL-2146		4.964	4.4	0.646
Sample ID SPL-2146		5.317	1.6	0.240
Sample ID SPL-2146		5.690	0.7	0.107
Sample ID SPL-2146	Retatrutide	6.173	678.0	99.006
Sample ID SPL-2147		5.242	3.8	0.541
Sample ID SPL-2147	Retatrutide	6.165	701.9	99.459
Retatrutide Std - 6 (SSC1)	Retatrutide	6.157	600.6	100.000
Sample ID SPL-2120		7.776	1597.4	100.000
Retatrutide Std - 7(SSC2)	Retatrutide	6.144	607.5	100.000

Individual Chromatograms

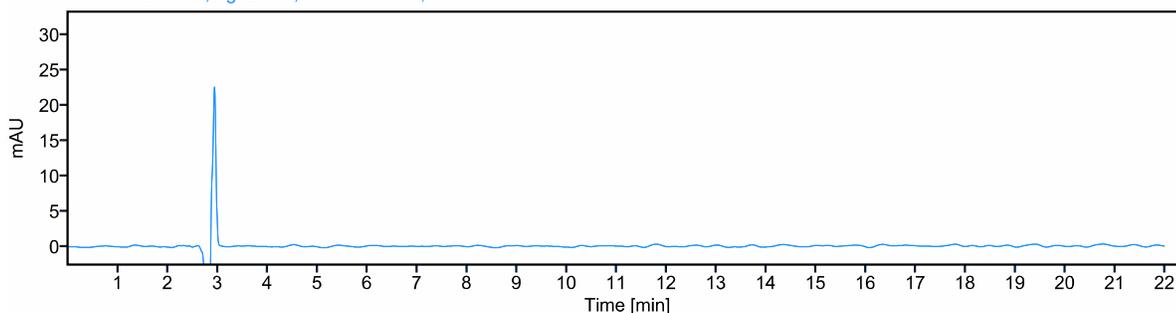


Sample Potency and ID Report

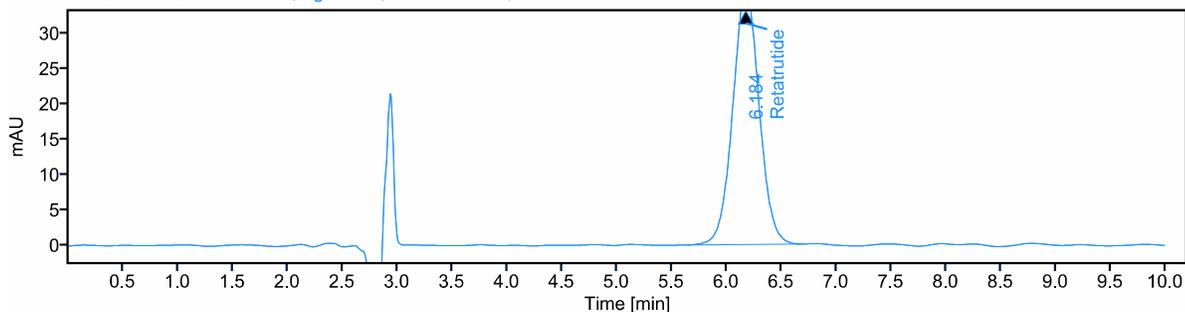
Blank-2 DAD1A, Sig=220.0,4.0 Ref=360.0,100.0



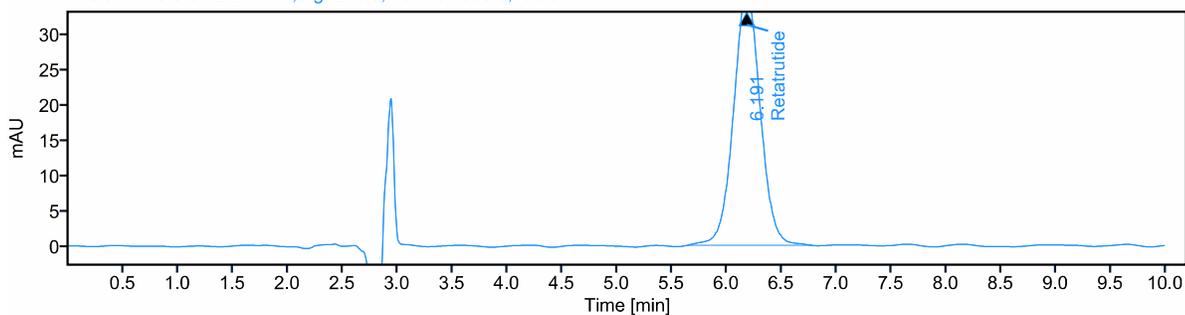
Blank-3 DAD1A, Sig=220.0,4.0 Ref=360.0,100.0



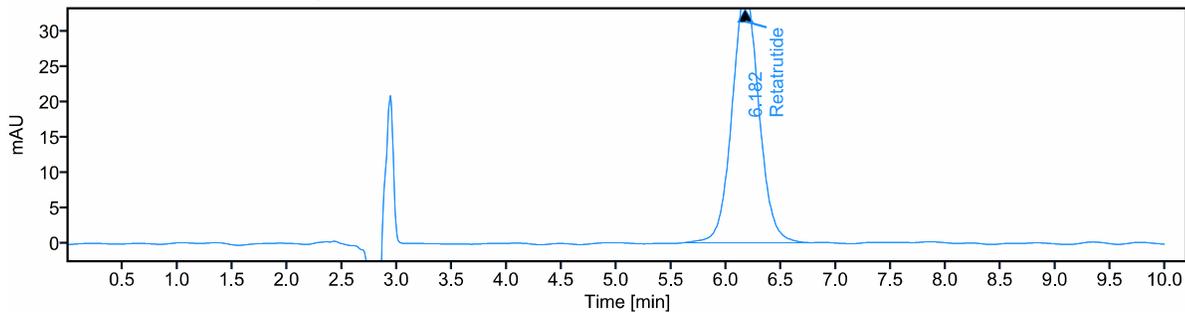
Retatrutide Std - 1 DAD1A, Sig=220.0,4.0 Ref=360.0,100.0



Retatrutide Std - 2 DAD1A, Sig=220.0,4.0 Ref=360.0,100.0

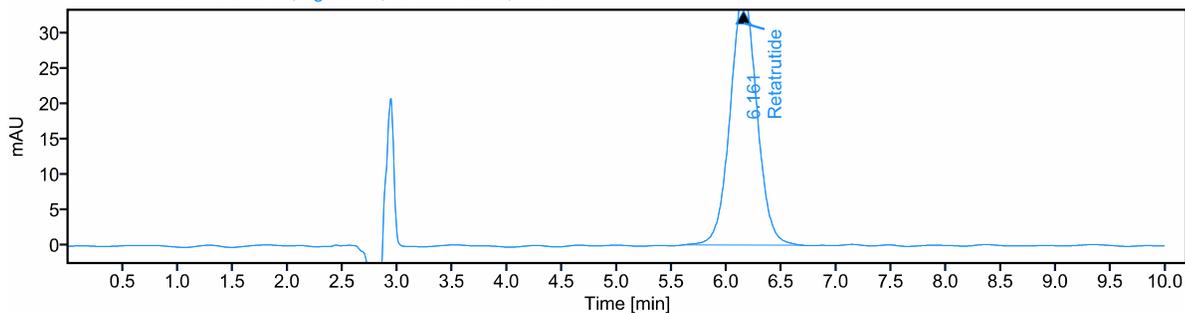


Retatrutide Std - 3 DAD1A, Sig=220.0,4.0 Ref=360.0,100.0

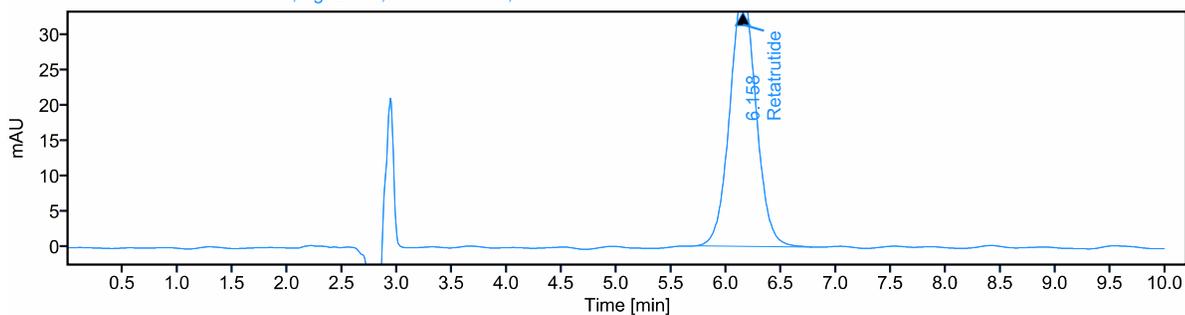


Sample Potency and ID Report

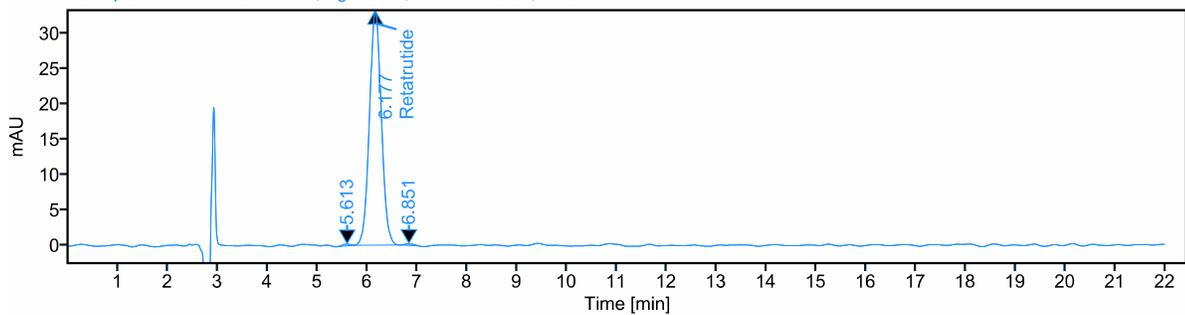
Retatrutide Std - 4 DAD1A,Sig=220.0,4.0 Ref=360.0,100.0



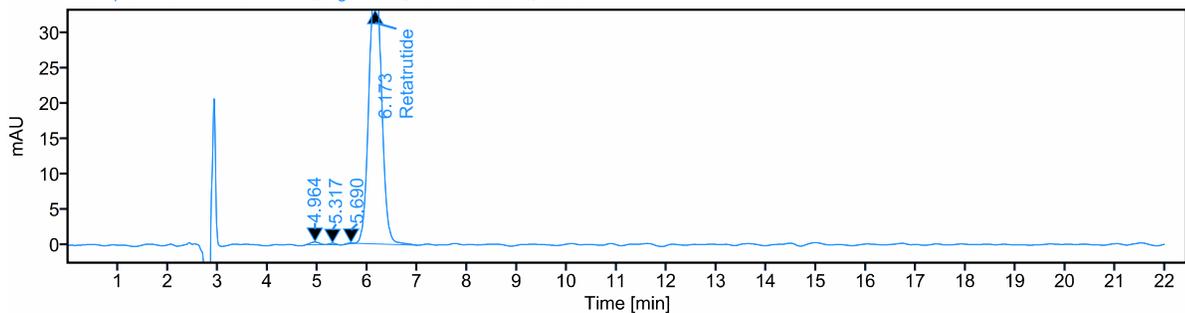
Retatrutide Std - 5 DAD1A,Sig=220.0,4.0 Ref=360.0,100.0



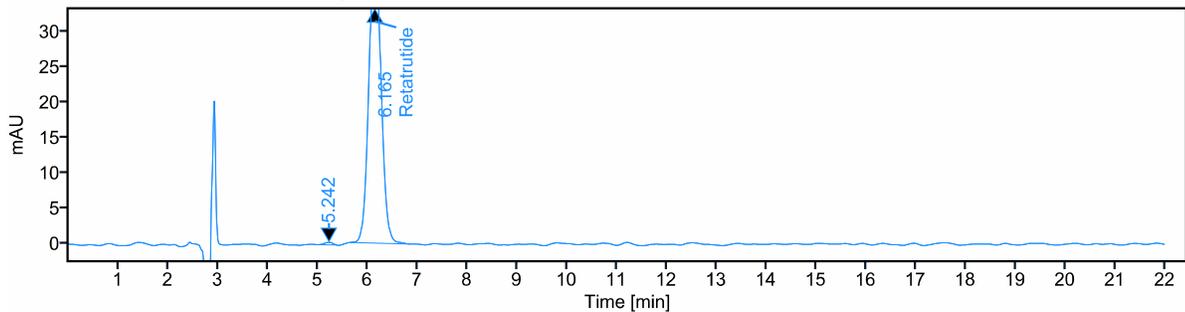
Sample ID SPL-2145 DAD1A,Sig=220.0,4.0 Ref=360.0,100.0



Sample ID SPL-2146 DAD1A,Sig=220.0,4.0 Ref=360.0,100.0

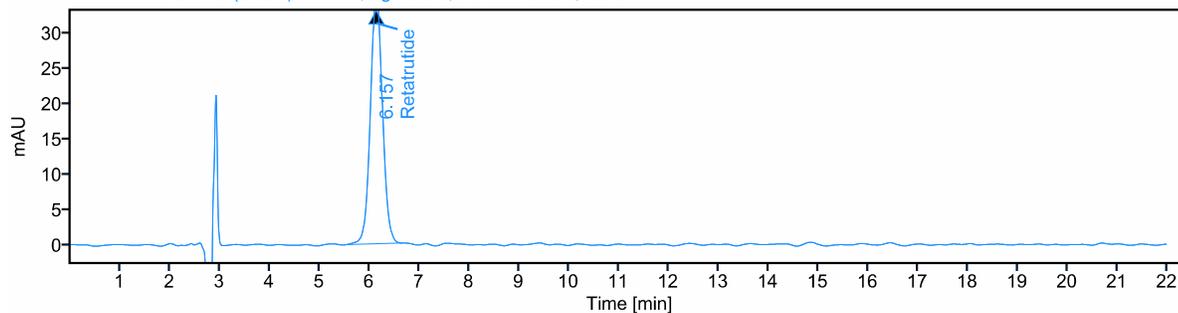


Sample ID SPL-2147 DAD1A,Sig=220.0,4.0 Ref=360.0,100.0

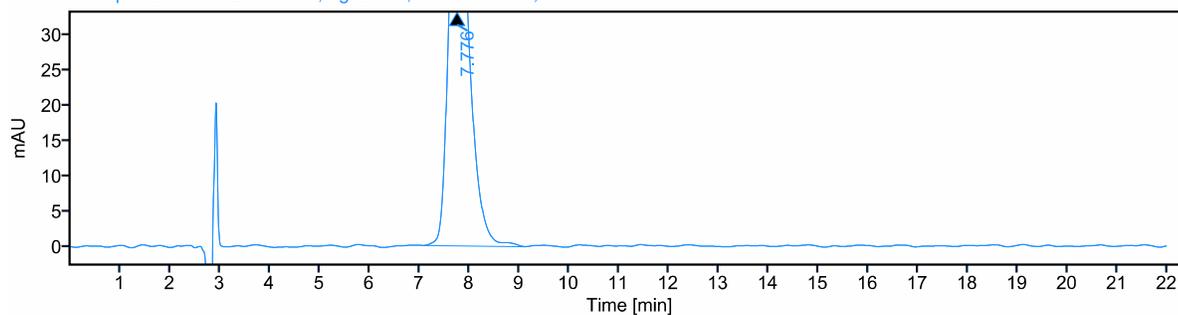


Sample Potency and ID Report

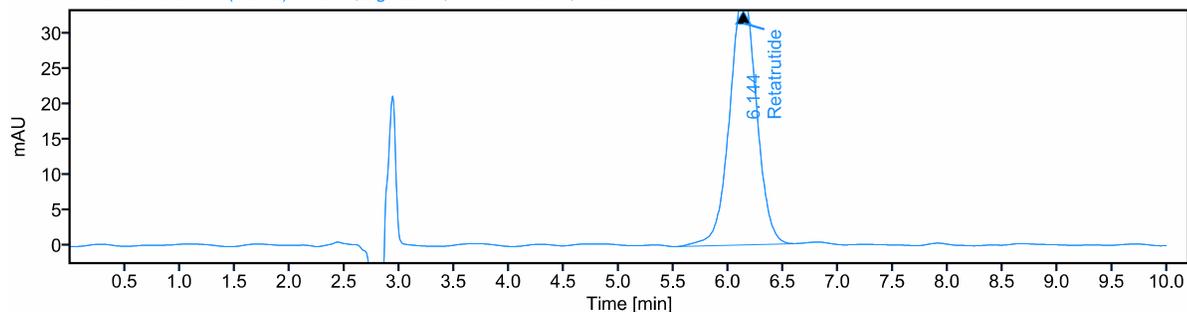
Retatrutide Std - 6 (SSC1) DAD1A, Sig=220.0,4.0 Ref=360.0,100.0



Sample ID SPL-2120 DAD1A, Sig=220.0,4.0 Ref=360.0,100.0



Retatrutide Std - 7 (SSC2) DAD1A, Sig=220.0,4.0 Ref=360.0,100.0



Processing Method Parameters

Name Standard Factor (%)

Retatrutide

Void Volume (min): 2.645

Injection Volume (uL) 10

9.933879

9.933879

9.933879

9.933879

Sample Potency and ID Report

Name Standard Factor (%)
Retatrutide 9.933879

Injection Sequence

Sample Name	Vial #	Multiplier	Instrument Method	Instrument Name
Blank-1	91	1.00000	1004_NC_LinesAandB_22min_spls_Zion_P1.amx	Zion
Blank-2	91	1.00000	1004_NC_LinesAandB_22min_spls_Zion_P1.amx	Zion
Blank-3	91	1.00000	1004_NC_LinesAandB_22min_spls_Zion_P1.amx	Zion
Retatrutide Std - 1	21	1.00000	1004_NC_LinesAandB_10min_stds_Zion_P1.amx	Zion
Retatrutide Std - 2	21	1.00000	1004_NC_LinesAandB_10min_stds_Zion_P1.amx	Zion
Retatrutide Std - 3	21	1.00000	1004_NC_LinesAandB_10min_stds_Zion_P1.amx	Zion
Retatrutide Std - 4	21	1.00000	1004_NC_LinesAandB_10min_stds_Zion_P1.amx	Zion
Retatrutide Std - 5	21	1.00000	1004_NC_LinesAandB_10min_stds_Zion_P1.amx	Zion
Sample ID SPL-2145	22	13.33333	1004_NC_LinesAandB_22min_spls_Zion_P1.amx	Zion
Sample ID SPL-2146	23	10.00000	1004_NC_LinesAandB_22min_spls_Zion_P1.amx	Zion
Sample ID SPL-2147	24	10.00000	1004_NC_LinesAandB_22min_spls_Zion_P1.amx	Zion
Retatrutide Std - 6 (SSC1)	21	1.00000	1004_NC_LinesAandB_22min_spls_Zion_P1.amx	Zion
Sample ID SPL-2120	25	1.00000	1004_NC_LinesAandB_22min_spls_Zion_P1.amx	Zion
Retatrutide Std - 7(SSC2)	21	1.00000	1004_NC_LinesAandB_10min_stds_Zion_P1.amx	Zion

UV Spectra

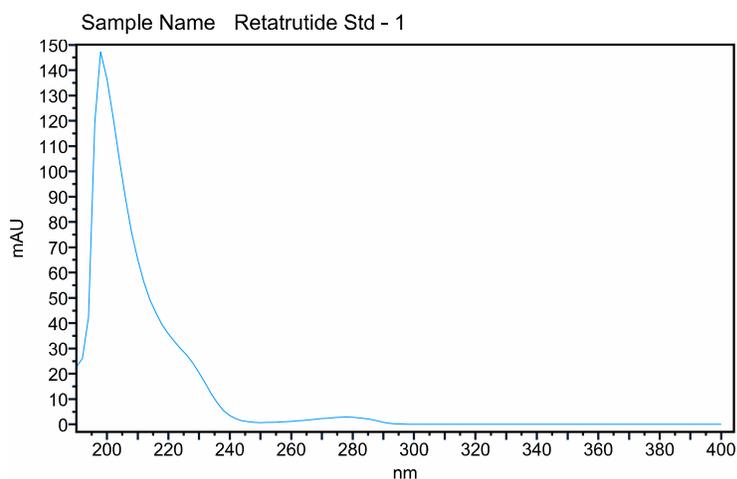
UV Match Spectra

RT:

6.184

Compound Name:

Retatrutide



Compound Spectra Confirm Result Confirmed

Sample Potency and ID Report

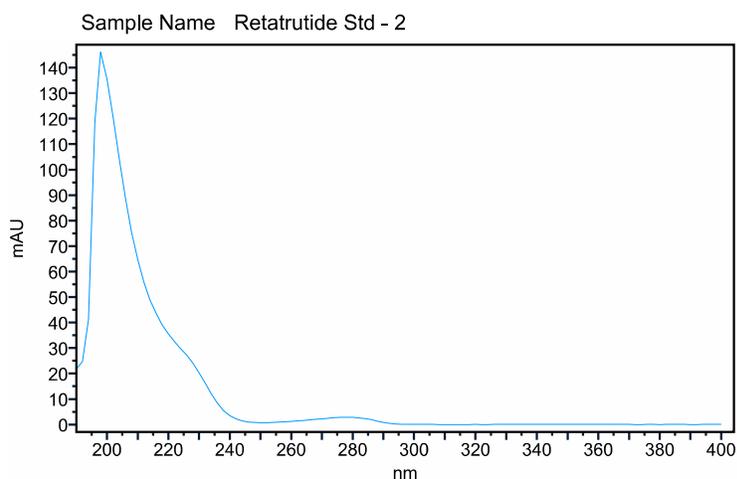
UV Match Spectra

RT:

6.191

Compound Name:

Retatrutide



Compound Spectra Confirm Result Confirmed

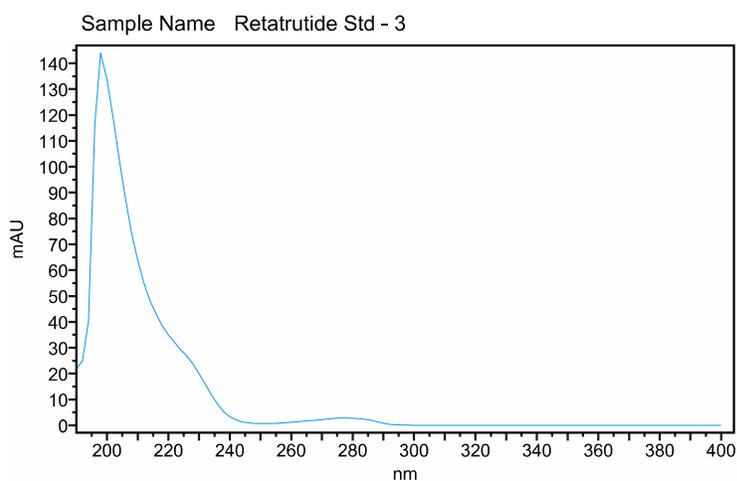
UV Match Spectra

RT:

6.182

Compound Name:

Retatrutide



Compound Spectra Confirm Result Confirmed

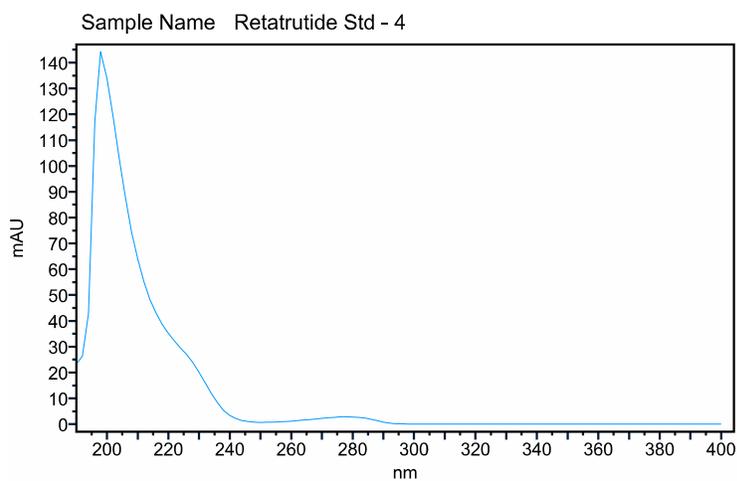
UV Match Spectra

RT:

6.161

Compound Name:

Retatrutide



Compound Spectra Confirm Result Confirmed

Sample Potency and ID Report

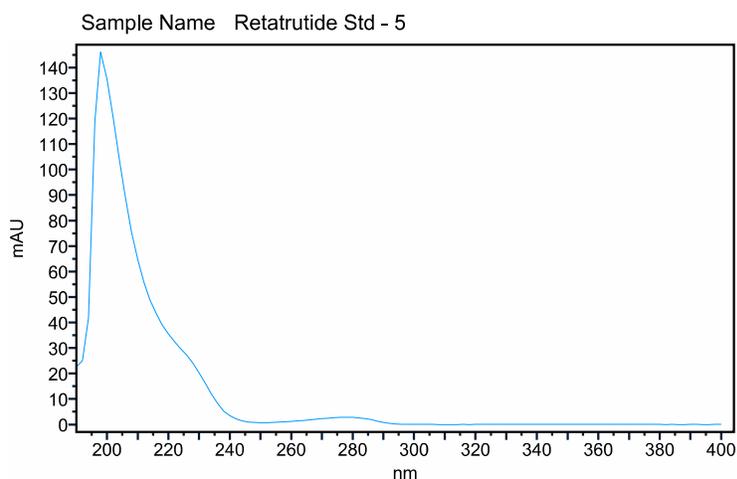
UV Match Spectra

RT:

6.158

Compound Name:

Retatrutide



Compound Spectra Confirm Result Confirmed

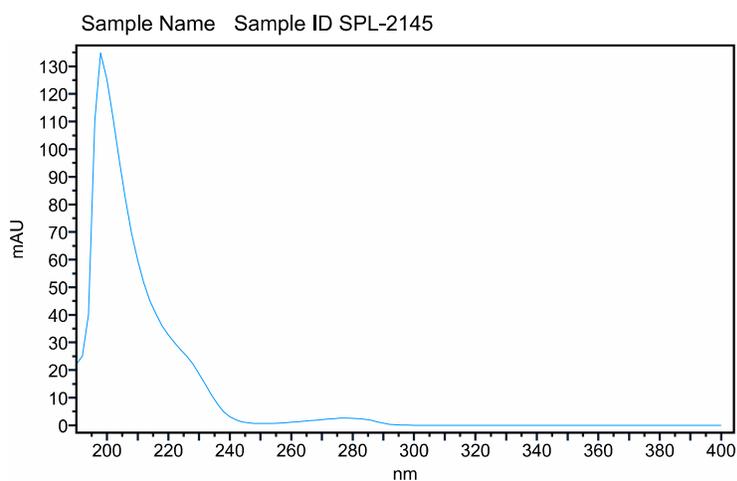
UV Match Spectra

RT:

6.177

Compound Name:

Retatrutide



Compound Spectra Confirm Result Confirmed

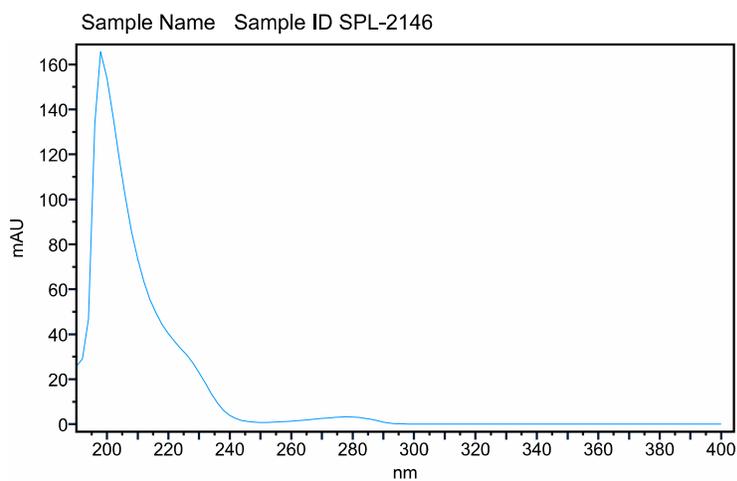
UV Match Spectra

RT:

6.173

Compound Name:

Retatrutide



Compound Spectra Confirm Result Confirmed

Sample Potency and ID Report

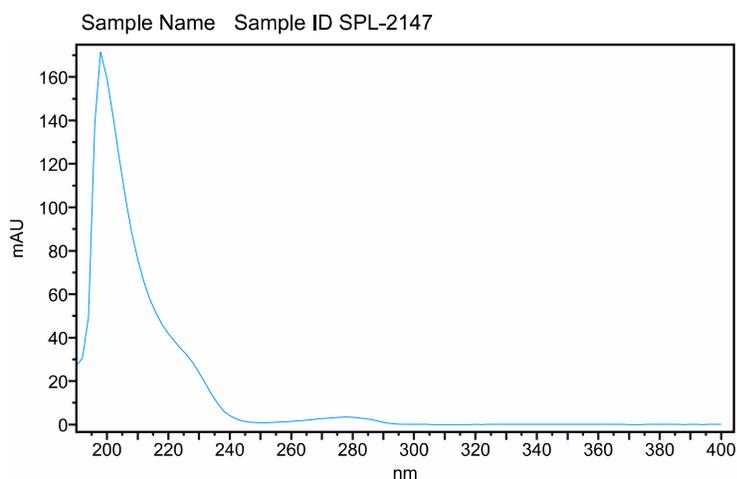
UV Match Spectra

RT:

6.165

Compound Name:

Retatrutide



Compound Spectra Confirm Result Confirmed

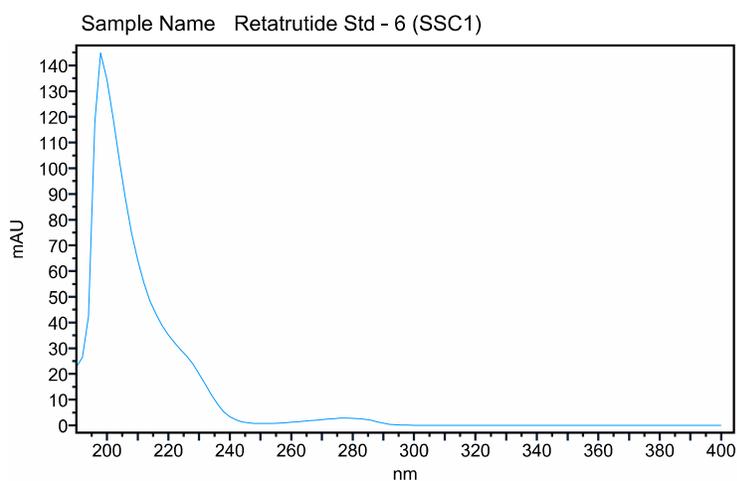
UV Match Spectra

RT:

6.157

Compound Name:

Retatrutide



Compound Spectra Confirm Result Confirmed

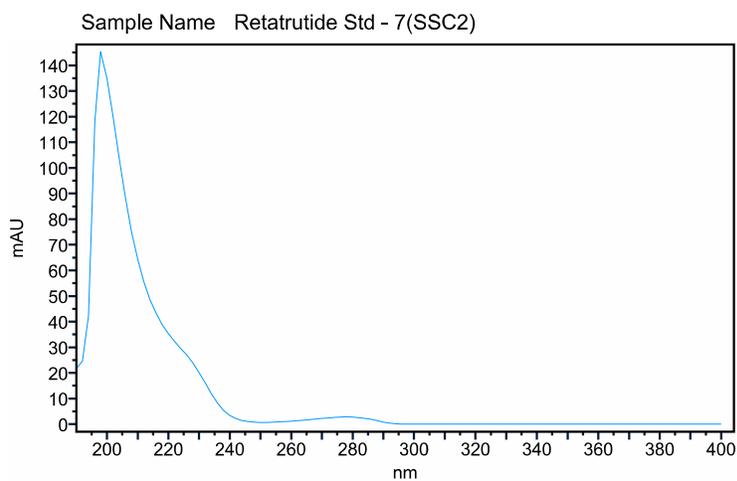
UV Match Spectra

RT:

6.144

Compound Name:

Retatrutide



Compound Spectra Confirm Result Confirmed