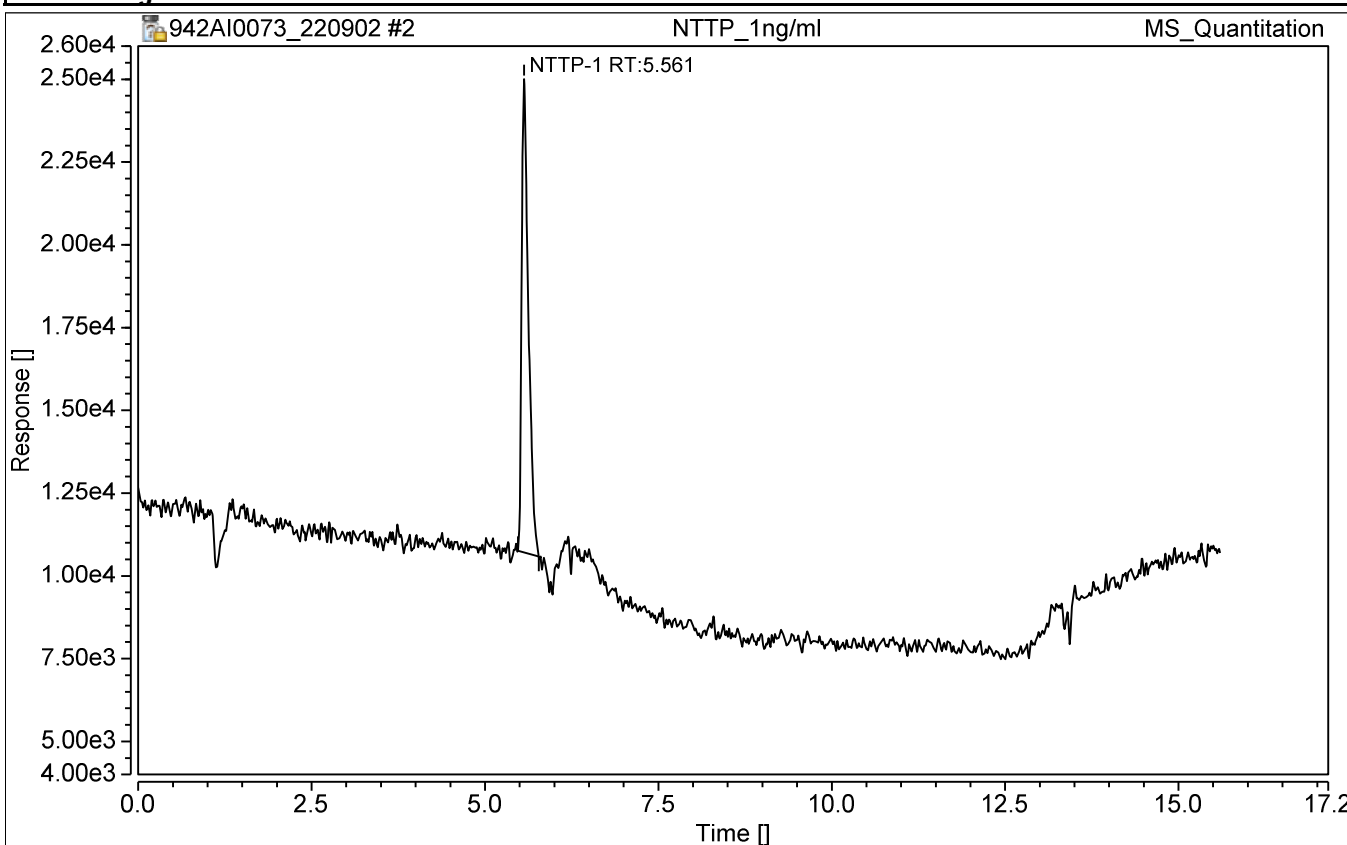


Chromatogram and Results

Injection Details			
Injection Name:	NTTP_1ng/ml	Run Time (min):	20.01
Vial Number:	G:A2	Injection Volume:	5.00
Injection Type:	Unknown	Channel	MS_Quantitation
Instrument Method:	942AI0073_220902	Operator	haoyajie
Processing Method:	942AI0073_Quantitative		
Injection Date/Time:	22/09/02 17:39:46		

Chromatogram



Integration Results					
Peak Name	Retention Time min	Quantitation Ion	Area counts*s	Height counts	Amount
NTTP-1	5.561	192.12	96839.4	14299.085	n.a.
NTTP	n.a.	165.05	n.a.	n.a.	n.a.

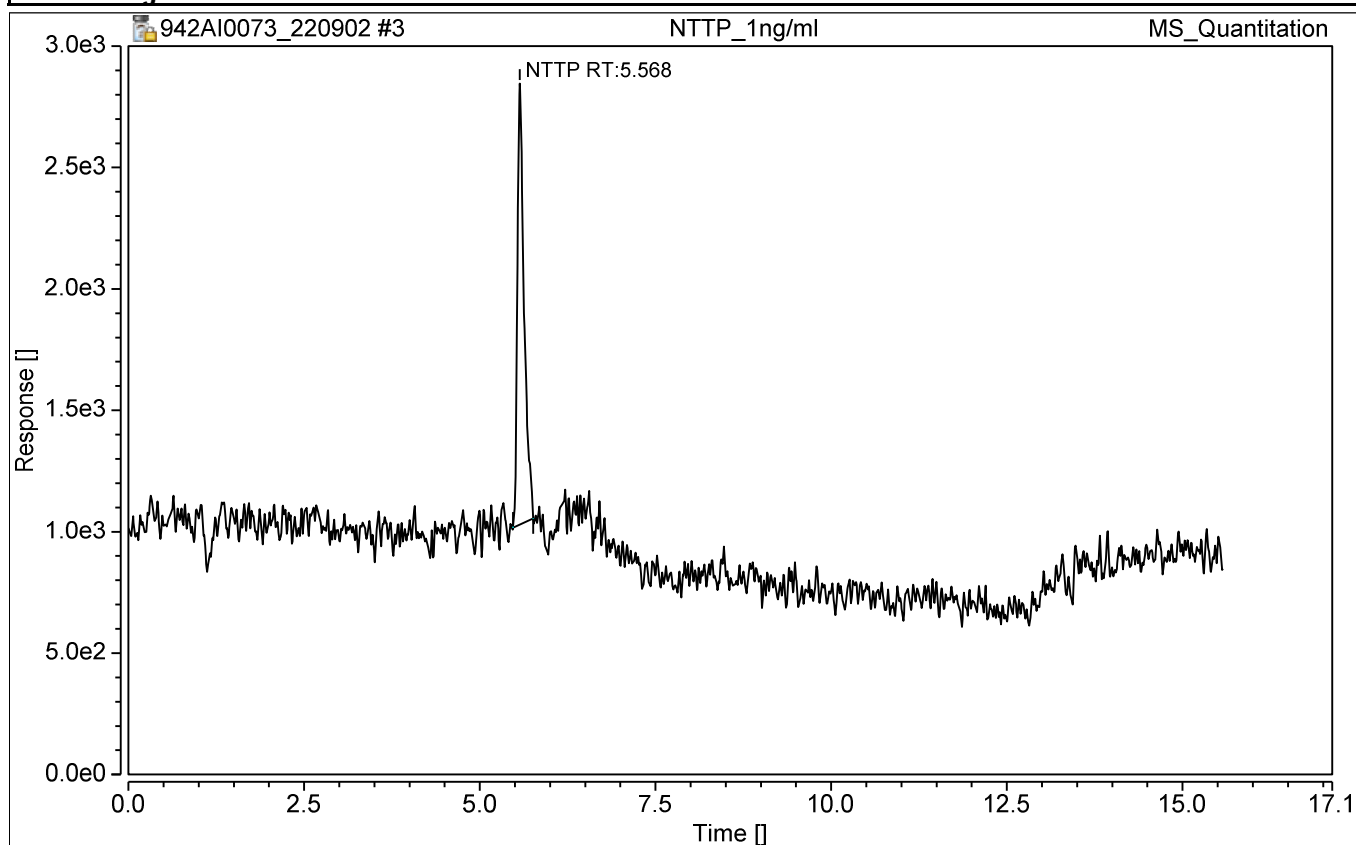
Figure 1. Chromatogram of NTTP (ion 192.125) in method development trial 1

Chromatogram and Results

Injection Details

Injection Name:	NTTP_1ng/ml	Run Time (min):	20.01
Vial Number:	G:A2	Injection Volume:	5.00
Injection Type:	Unknown	Channel	MS_Quantitation
Instrument Method:	942AI0073_220902-1	Operator	haoyajie
Processing Method:	942AI0073_Quantitative		
Injection Date/Time:	22/09/02 18:01:01		

Chromatogram



Integration Results

Peak Name	Retention Time min	Quantitation Ion	Area counts*s	Height counts	Amount
NTTP	5.568	165.05	12128.9	1816.906	n.a.
NTTP-1	n.a.	192.12	n.a.	n.a.	n.a.

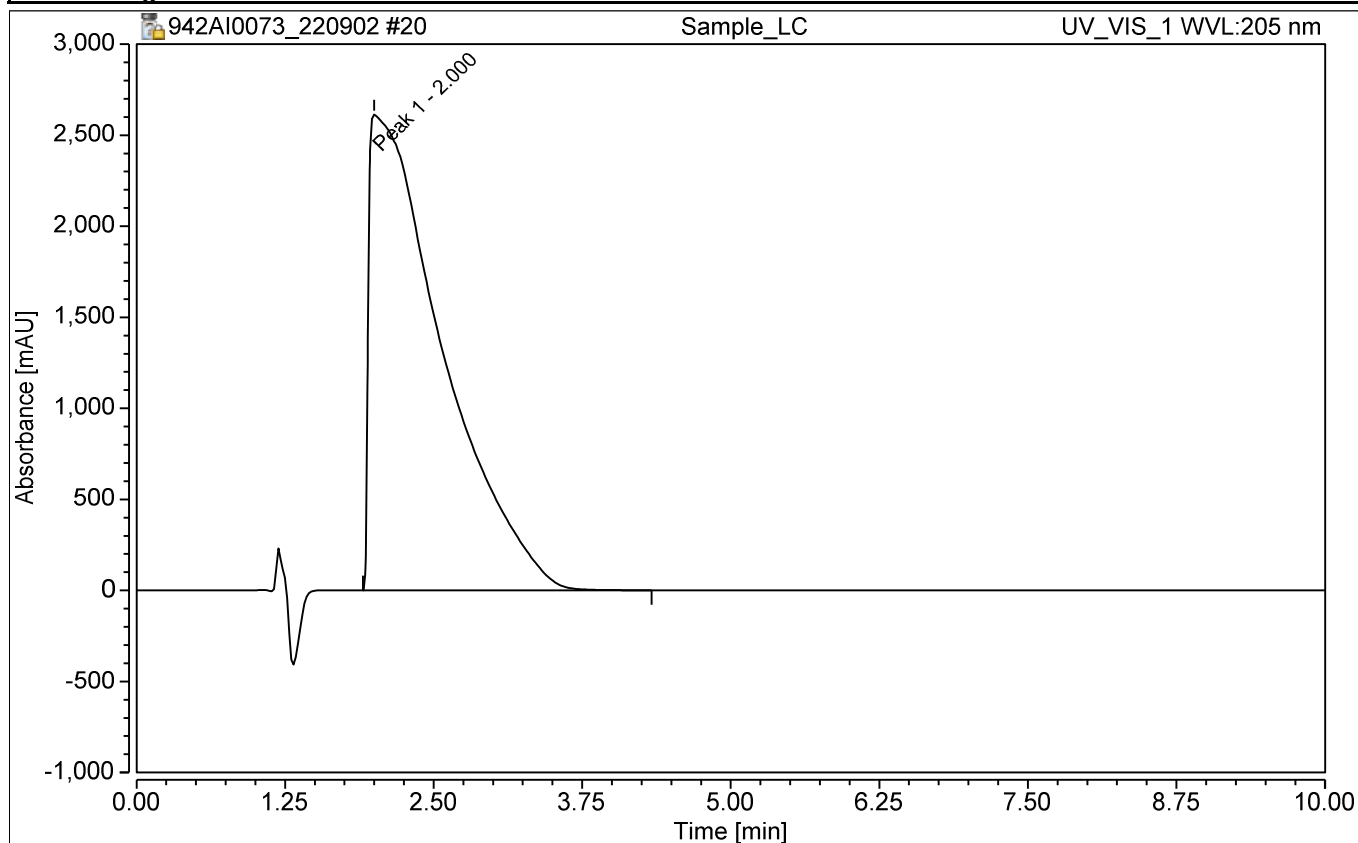
Figure 2. Chromatogram of NTTP (ion 165.051) in method development trial 1

Chromatogram and Results

Injection Details

Injection Name:	Sample_LC	Run Time (min):	10.00
Vial Number:	G:A6	Injection Volume:	10.00
Injection Type:	Unknown	Channel	UV_VIS_1
Instrument Method:	942AI0073_220903_LC-1	Operator	haoyajie
Processing Method:	942AI0073_220531		
Injection Date/Time:	22/09/03 15:59:10		

Chromatogram



Integration Results

Peak Name	Retention Time min	Quantitation Ion	Area mAU*s	Height mAU	Amount
API	2.000	n.a.	111519.7	2613.006	n.a.

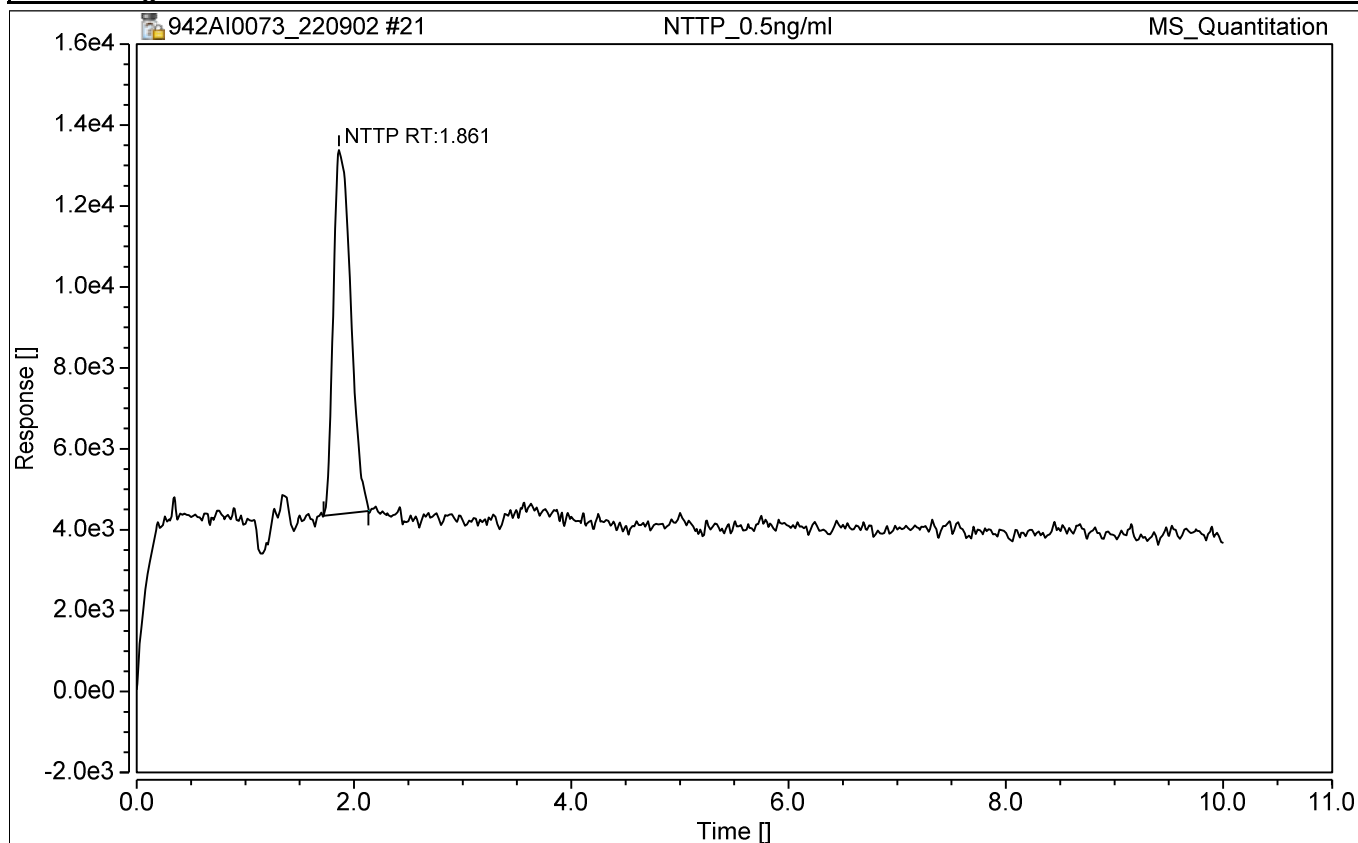
Figure 3. Chromatogram of Sitagliptin in method development trial 2

Chromatogram and Results

Injection Details

Injection Name:	NTTP_0.5ng/ml	Run Time (min):	10.00
Vial Number:	G:A5	Injection Volume:	10.00
Injection Type:	Unknown	Channel	MS_Quantitation
Instrument Method:	942AI0073_220903-3	Operator	haoyajie
Processing Method:	942AI0073_220531		
Injection Date/Time:	22/09/03 16:09:55		

Chromatogram



Integration Results

Peak Name	Retention Time min	Quantitation Ion	Area counts*s	Height counts	Amount
NTTP	1.861	192.12	100818.9	8999.748	n.a.

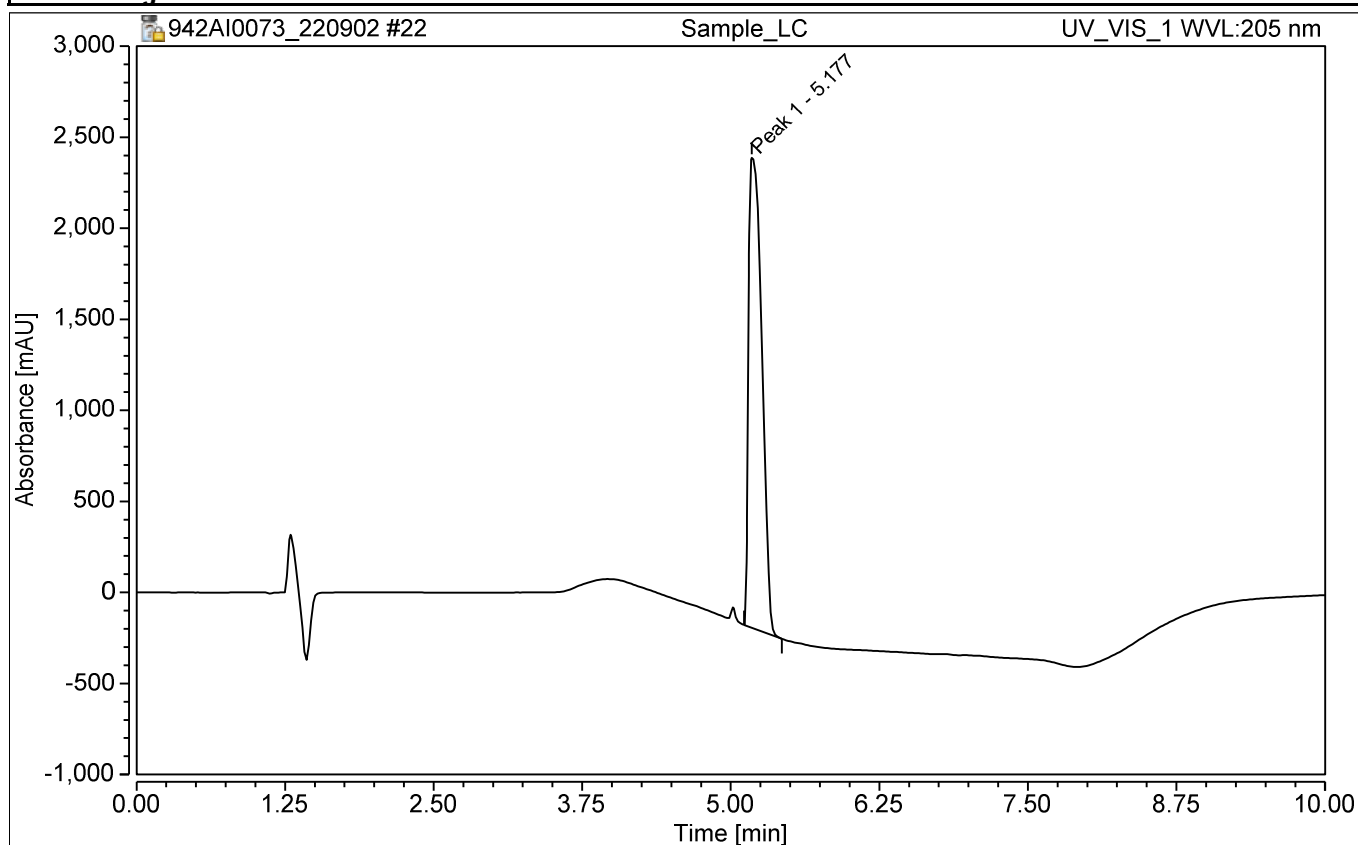
Figure 4. Chromatogram of NTTP in method development trial 2

Chromatogram and Results

Injection Details

Injection Name:	Sample_LC	Run Time (min):	10.00
Vial Number:	G:A6	Injection Volume:	2.00
Injection Type:	Unknown	Channel	UV_VIS_1
Instrument Method:	942AI0073_220903_LC-2	Operator	haoyajie
Processing Method:	942AI0073_220531		
Injection Date/Time:	22/09/03 16:58:57		

Chromatogram



Integration Results

Peak Name	Retention Time min	Quantitation Ion	Area mAU*s	Height mAU	Amount
API	5.177	n.a.	20091.8	2581.058	n.a.

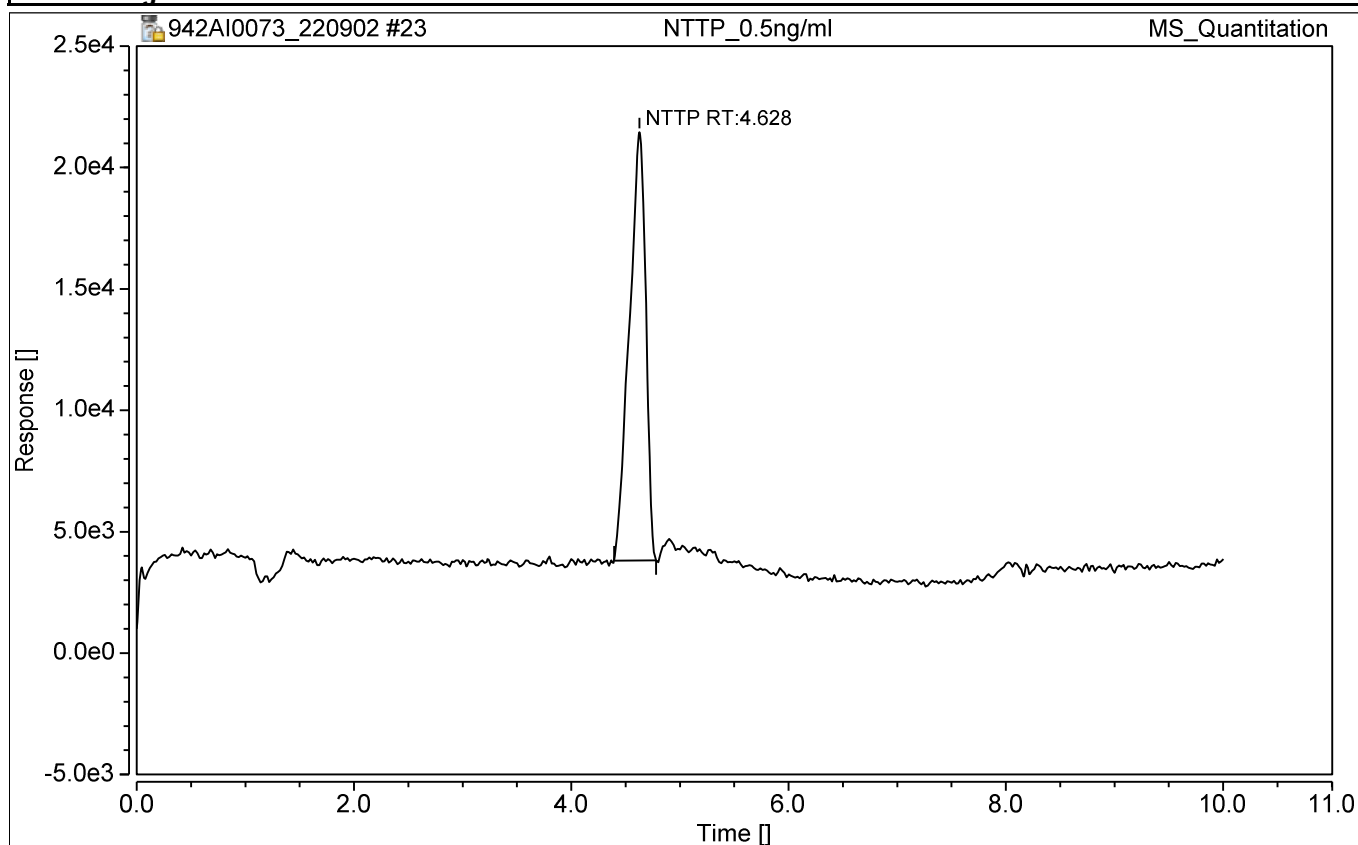
Figure 5. Chromatogram of Sitagliptin in method development trial 3

Chromatogram and Results

Injection Details

Injection Name:	NTTP_0.5ng/ml	Run Time (min):	10.00
Vial Number:	G:A5	Injection Volume:	10.00
Injection Type:	Unknown	Channel	MS_Quantitation
Instrument Method:	942AI0073_220903-4	Operator	haoyajie
Processing Method:	942AI0073_220531		
Injection Date/Time:	22/09/03 17:17:18		

Chromatogram



Integration Results

Peak Name	Retention Time min	Quantitation Ion	Area counts*s	Height counts	Amount
NTTP	4.628	192.12	185554.2	17641.512	n.a.

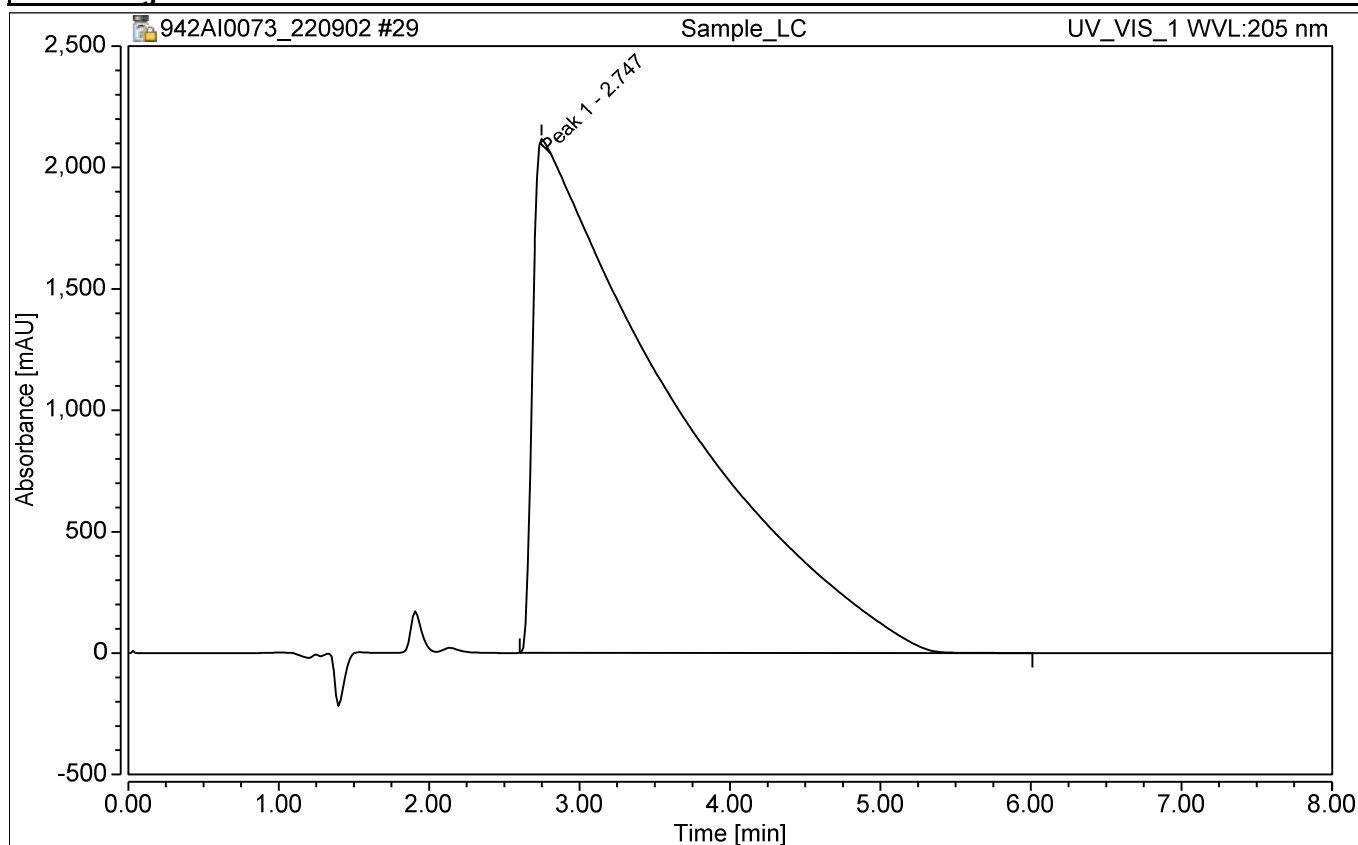
Figure 6. Chromatogram of NTTP in method development trial 3

Chromatogram and Results

Injection Details

Injection Name:	Sample_LC	Run Time (min):	8.00
Vial Number:	G:A6	Injection Volume:	10.00
Injection Type:	Unknown	Channel	UV_VIS_1
Instrument Method:	942AI0073_220903_LC-4	Operator	haoyajie
Processing Method:	942AI0073_220531		
Injection Date/Time:	22/09/03 21:08:29		

Chromatogram



Integration Results

Peak Name	Retention Time min	Quantitation Ion	Area mAU*s	Height mAU	Asymmetry (EP)
API	2.747	n.a.	134144.1	2116.427	11.30

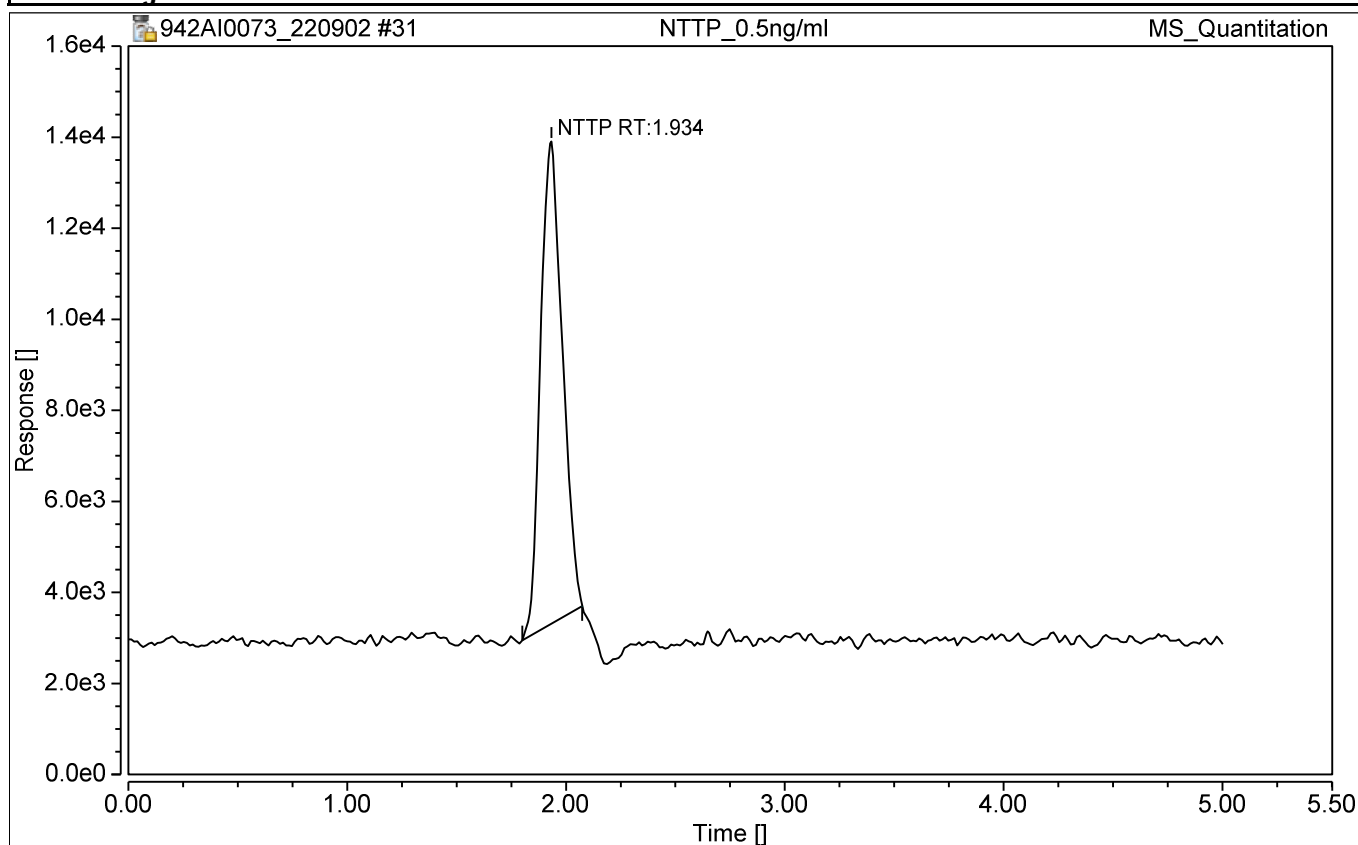
Figure 7. Chromatogram of Sitagliptin in method development trial 4

Chromatogram and Results

Injection Details

Injection Name:	NTTP_0.5ng/ml	Run Time (min):	5.00
Vial Number:	G:A5	Injection Volume:	10.00
Injection Type:	Unknown	Channel	MS_Quantitation
Instrument Method:	942AI0073_220903-2	Operator	haoyajie
Processing Method:	942AI0073_220531		
Injection Date/Time:	22/09/03 21:39:11		

Chromatogram



Integration Results

Peak Name	Retention Time min	Quantitation Ion	Area counts*s	Height counts	Asymmetry (EP)
NTTP	1.934	192.12	73532.8	10589.922	1.11

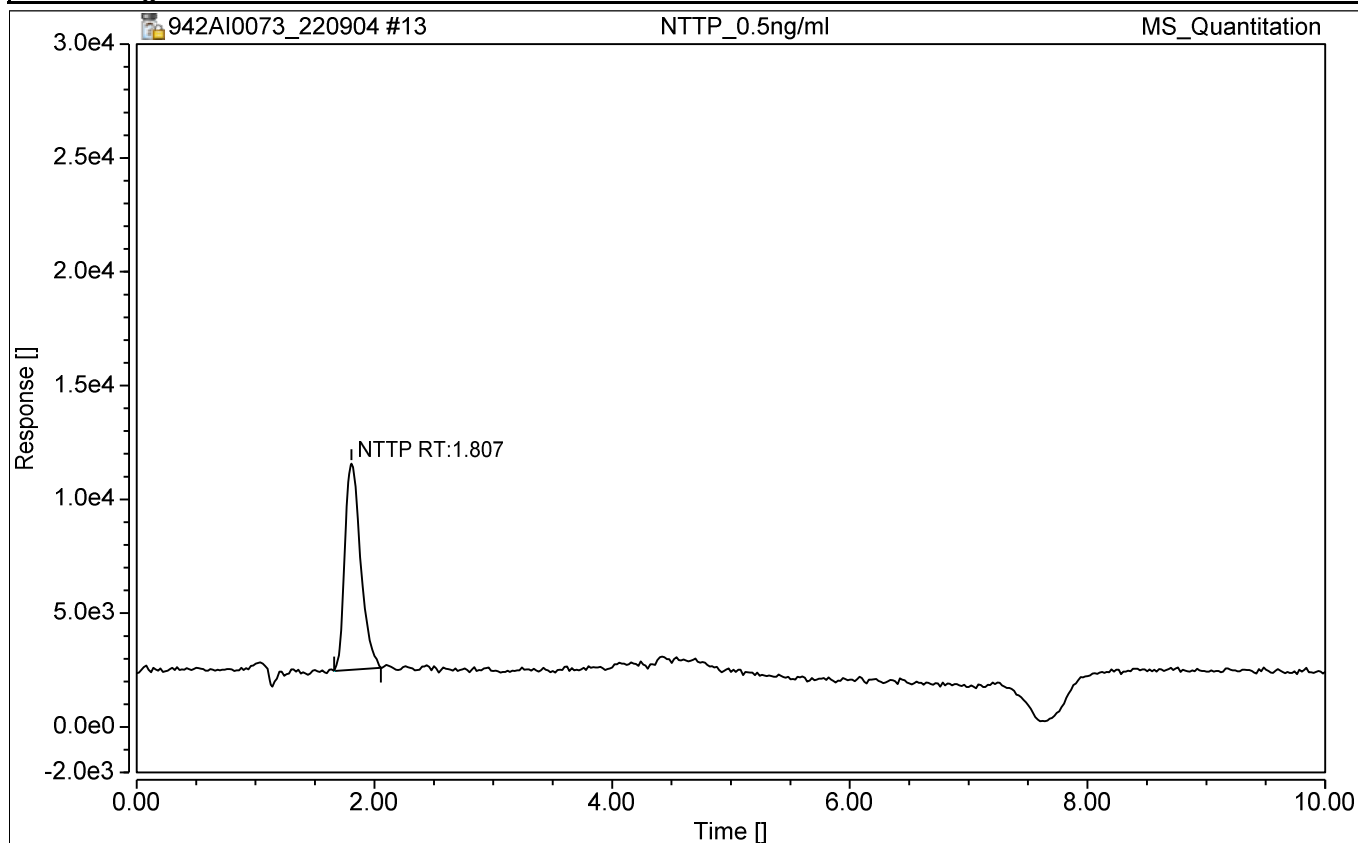
Figure 8. Chromatogram of NTTP in method development trial 4

Chromatogram and Results

Injection Details

Injection Name:	NTTP_0.5ng/ml	Run Time (min):	10.00
Vial Number:	G:A5	Injection Volume:	10.00
Injection Type:	Unknown	Channel	MS_Quantitation
Instrument Method:	942AI0073_220904-2	Operator	haoyajie
Processing Method:	942AI0073_Quantitative		
Injection Date/Time:	22/09/04 12:54:40		

Chromatogram



Integration Results

Peak Name	Retention Time min	Quantitation Ion	Area counts*s	Height counts	Asymmetry (EP)
NTTP	1.807	192.12	84153.9	9060.289	1.42

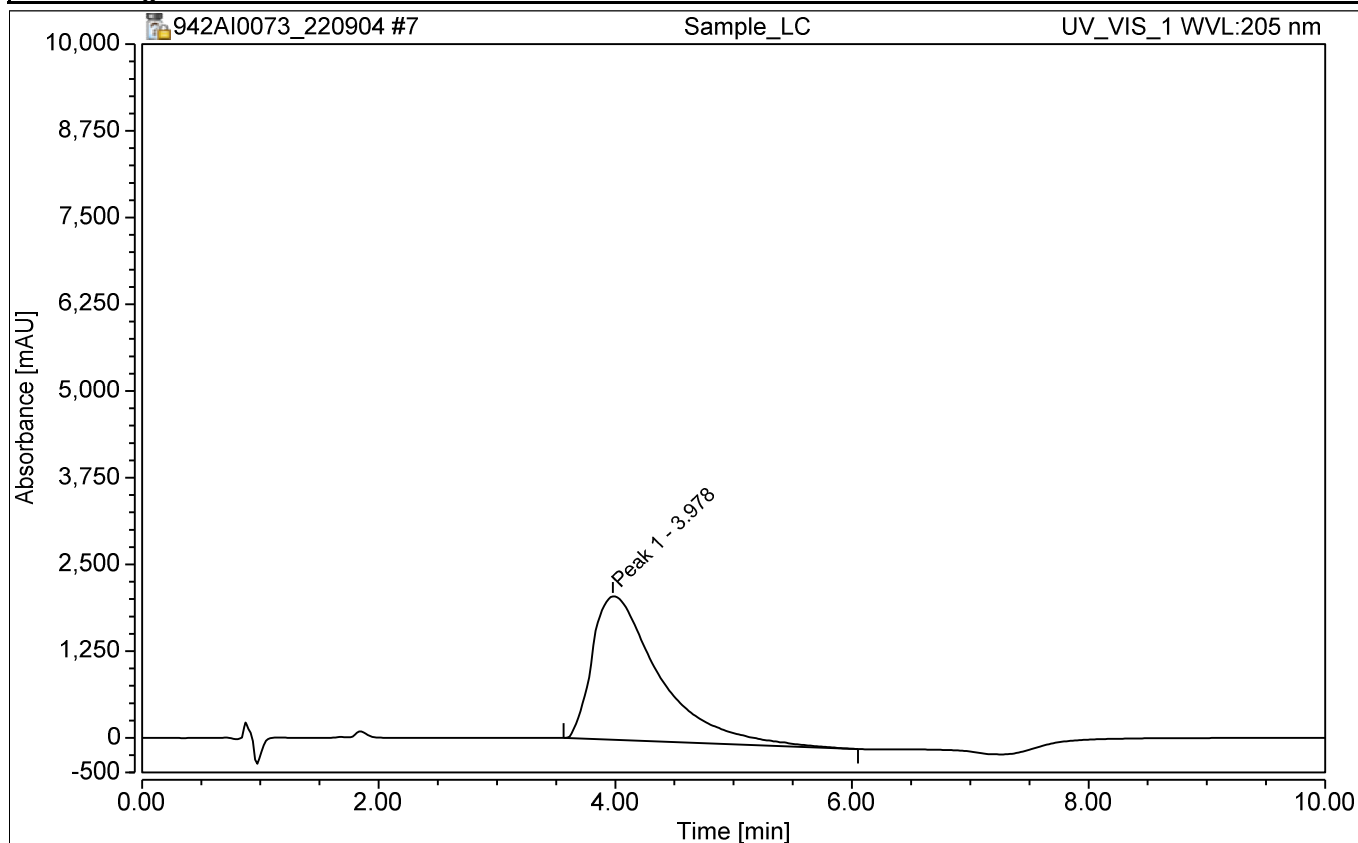
Figure 9. Chromatogram of Sitagliptin in method development trial 5

Chromatogram and Results

Injection Details

Injection Name:	Sample_LC	Run Time (min):	10.00
Vial Number:	G:A6	Injection Volume:	10.00
Injection Type:	Unknown	Channel	UV_VIS_1
Instrument Method:	942AI0073_220904_LC-2	Operator	haoyajie
Processing Method:	942AI0073_Quantitative		
Injection Date/Time:	22/09/04 11:47:12		

Chromatogram



Integration Results

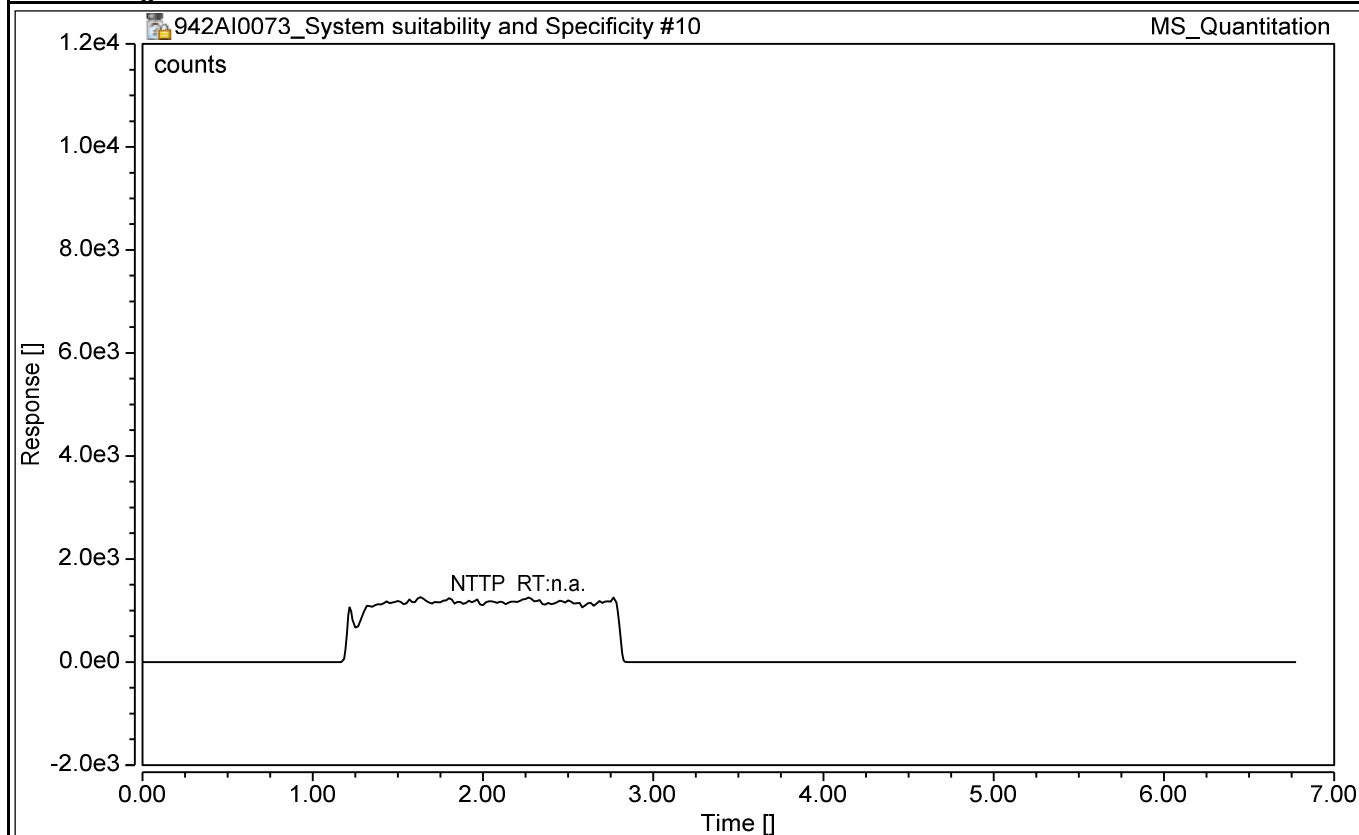
Peak Name	Retention Time min	Quantitation Ion	Area mAU*s	Height mAU	Asymmetry (EP)
NTTP	n.a.	n.a.	n.a.	n.a.	n.a.

Figure 10. Chromatogram of NTTP in method development trial 5

Chromatogram and Results

Injection Details			
Injection Name:	Diluent	Run Time (min):	10.00
Vial Number:	R:A1	Injection Volume:	15.00
Injection Type:	Unknown	Channel	MS_Quantitation
Instrument Method:	942AI0073_220922	Operator	haoyajieGMP
Processing Method:	942AI0073_Quantitative		
Injection Date/Time:	22/09/22 12:25:08		

Chromatogram



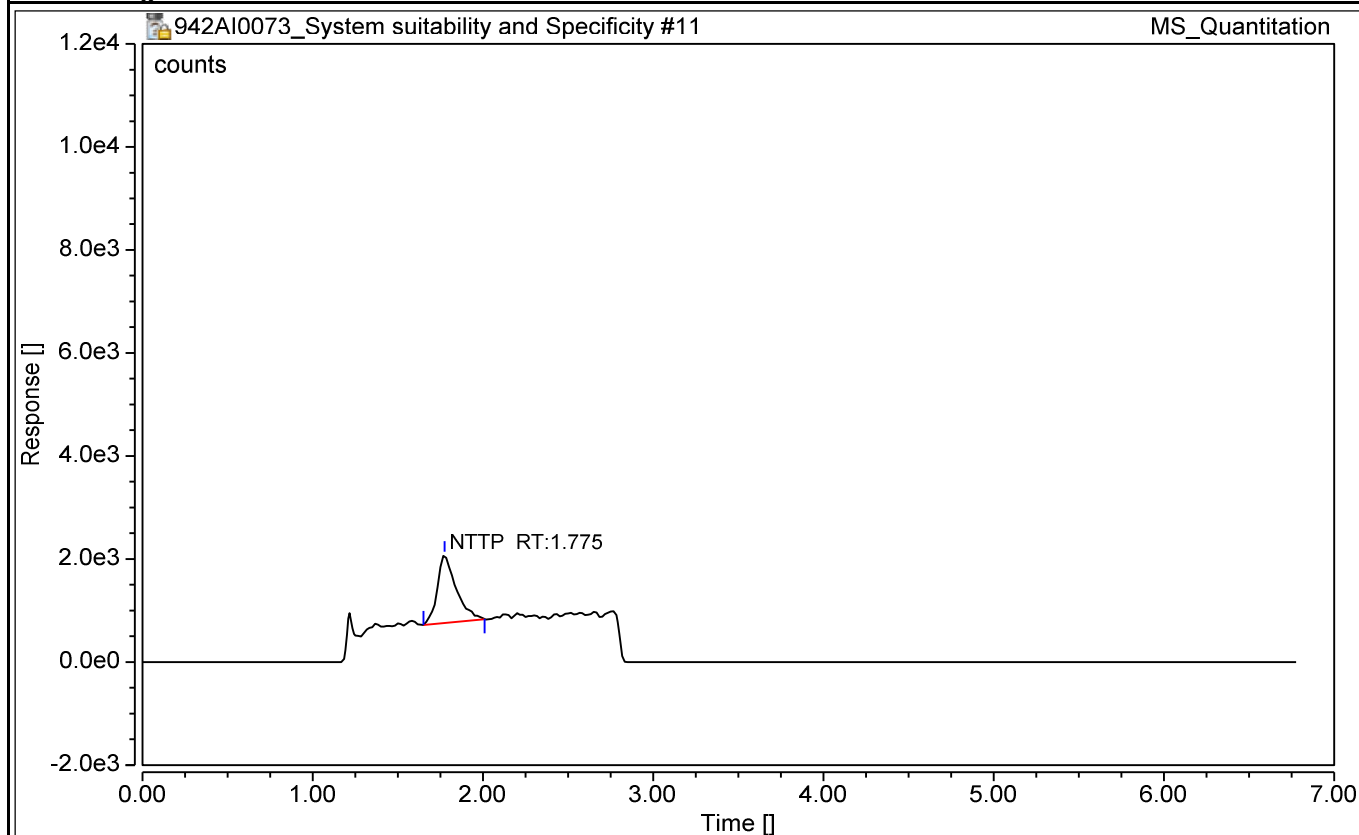
Integration Results					
Peak Name	Retention Time min	Quantitation Ion	Area n.a.	Height n.a.	Amount n.a.

Figure 11 Typical chromatogram of blank solution in validation

Chromatogram and Results

Injection Details			
Injection Name:	Sample	Run Time (min):	10.00
Vial Number:	R:A3	Injection Volume:	15.00
Injection Type:	Unknown	Channel	MS_Quantitation
Instrument Method:	942AI0073_220922	Operator	haoyajieGMP
Processing Method:	942AI0073_Quantitative		
Injection Date/Time:	22/09/22 12:35:55		

Chromatogram



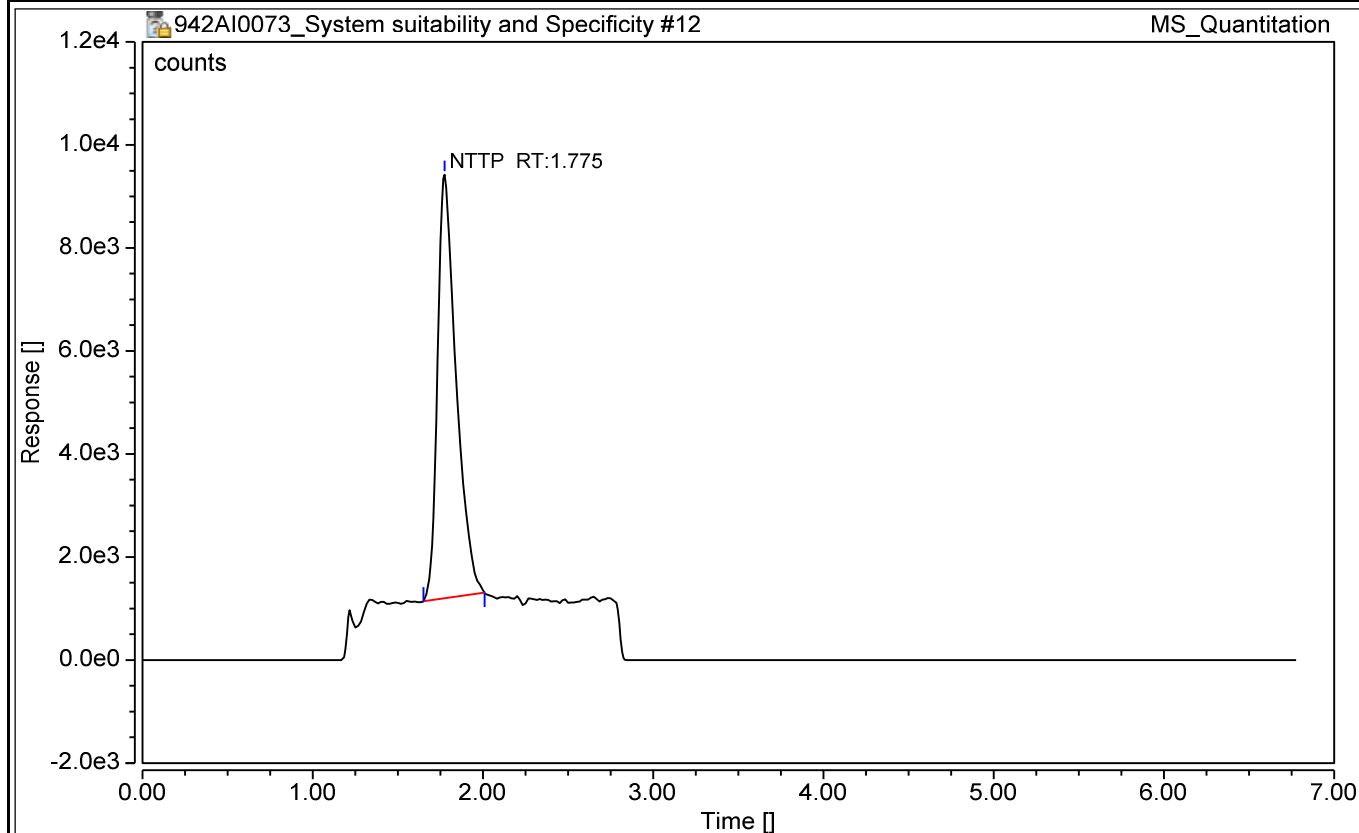
Integration Results					
Peak Name	Retention Time min	Quantitation Ion	Area counts*s	Height counts	Amount
NTPP	1.775	192.13	10170.2	1313	n.a.

Figure 12 Typical chromatogram of sample solution in validation

Chromatogram and Results

Injection Details			
Injection Name:	NTPP	Run Time (min):	10.00
Vial Number:	R:A2	Injection Volume:	15.00
Injection Type:	Unknown	Channel	MS_Quantitation
Instrument Method:	942AI0073_220922	Operator	haoyajieGMP
Processing Method:	942AI0073_Quantitative		
Injection Date/Time:	22/09/22 12:46:41		

Chromatogram



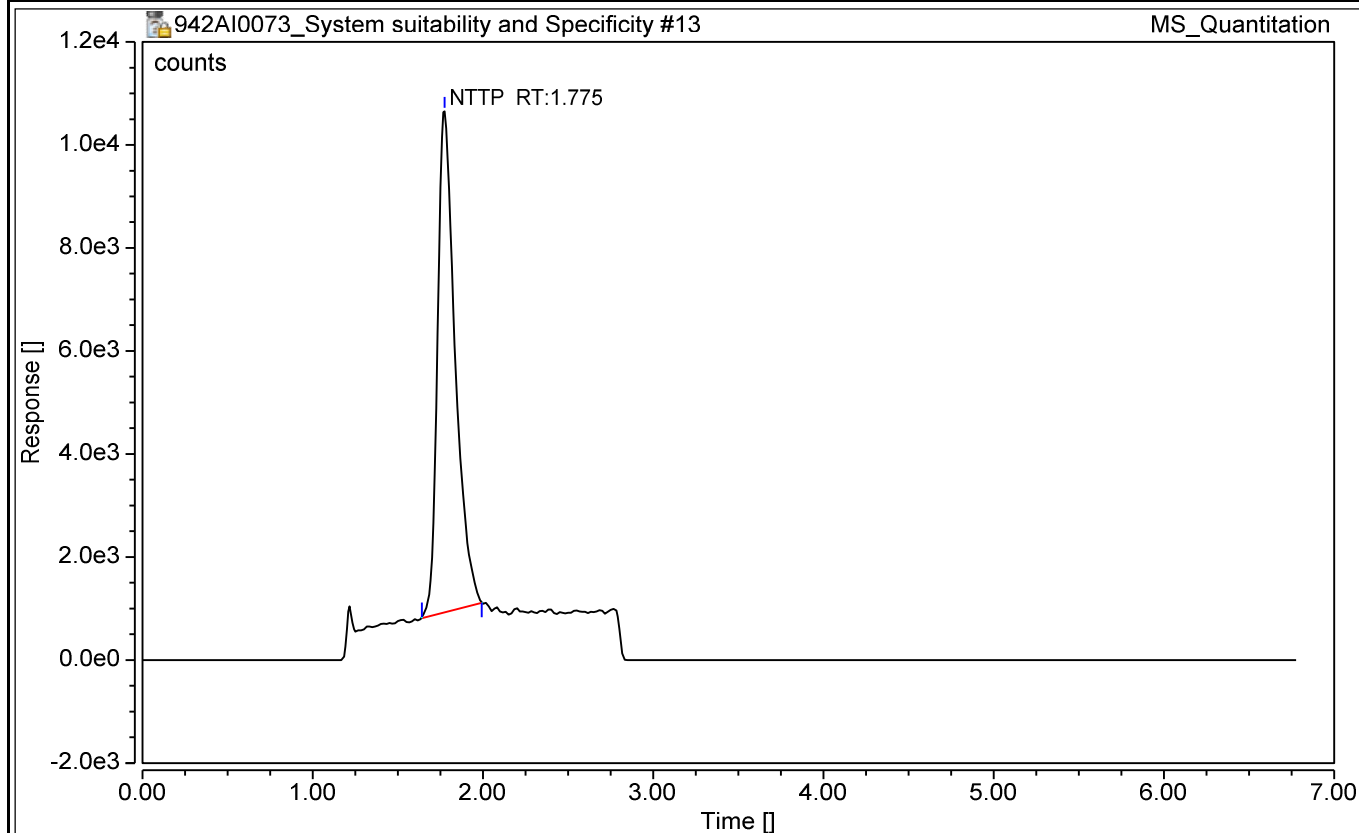
Integration Results					
Peak Name	Retention Time min	Quantitation Ion	Area counts*s	Height counts	Amount
NTPP	1.775	192.13	62525.0	8218	n.a.

Figure 13 Typical chromatogram of standard solution in validation

Chromatogram and Results

Injection Details			
Injection Name:	Spiked sample	Run Time (min):	10.00
Vial Number:	R:A4	Injection Volume:	15.00
Injection Type:	Unknown	Channel	MS_Quantitation
Instrument Method:	942AI0073_220922	Operator	haoyajieGMP
Processing Method:	942AI0073_Quantitative		
Injection Date/Time:	22/09/22 12:57:28		

Chromatogram



Integration Results					
Peak Name	Retention Time min	Quantitation Ion	Area counts*s	Height counts	Amount
NTTP	1.775	192.13	70352.8	9726	n.a.

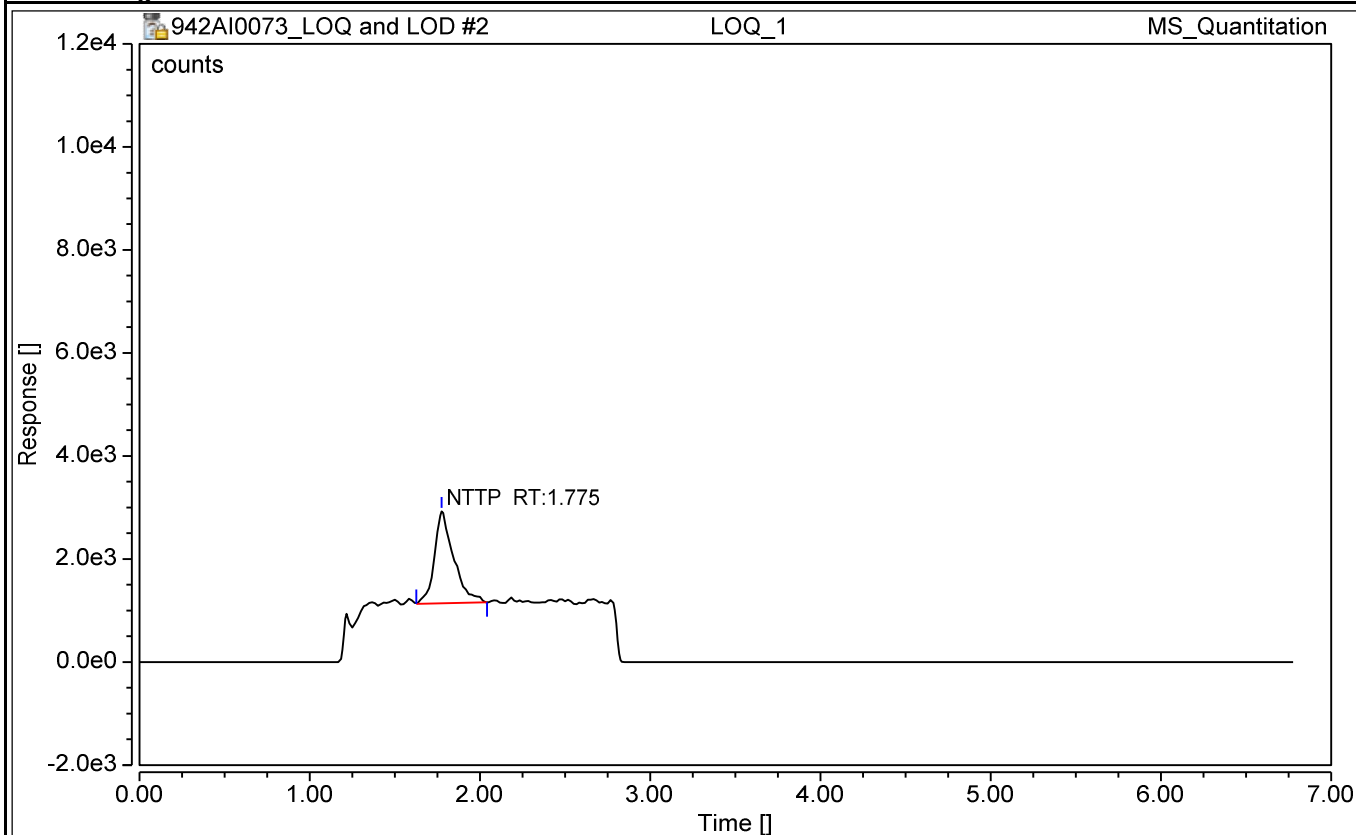
Figure 14 Typical chromatogram of spiked sample solution in validation

Chromatogram and Results

Injection Details

Injection Name:	LOQ_1	Run Time (min):	10.00
Vial Number:	R:A5	Injection Volume:	15.00
Injection Type:	Unknown	Channel	MS_Quantitation
Instrument Method:	942AI0073_220922	Operator	haoyajieGMP
Processing Method:	942AI0073_Quantitative		
Injection Date/Time:	22/09/22 13:19:11		

Chromatogram



Integration Results

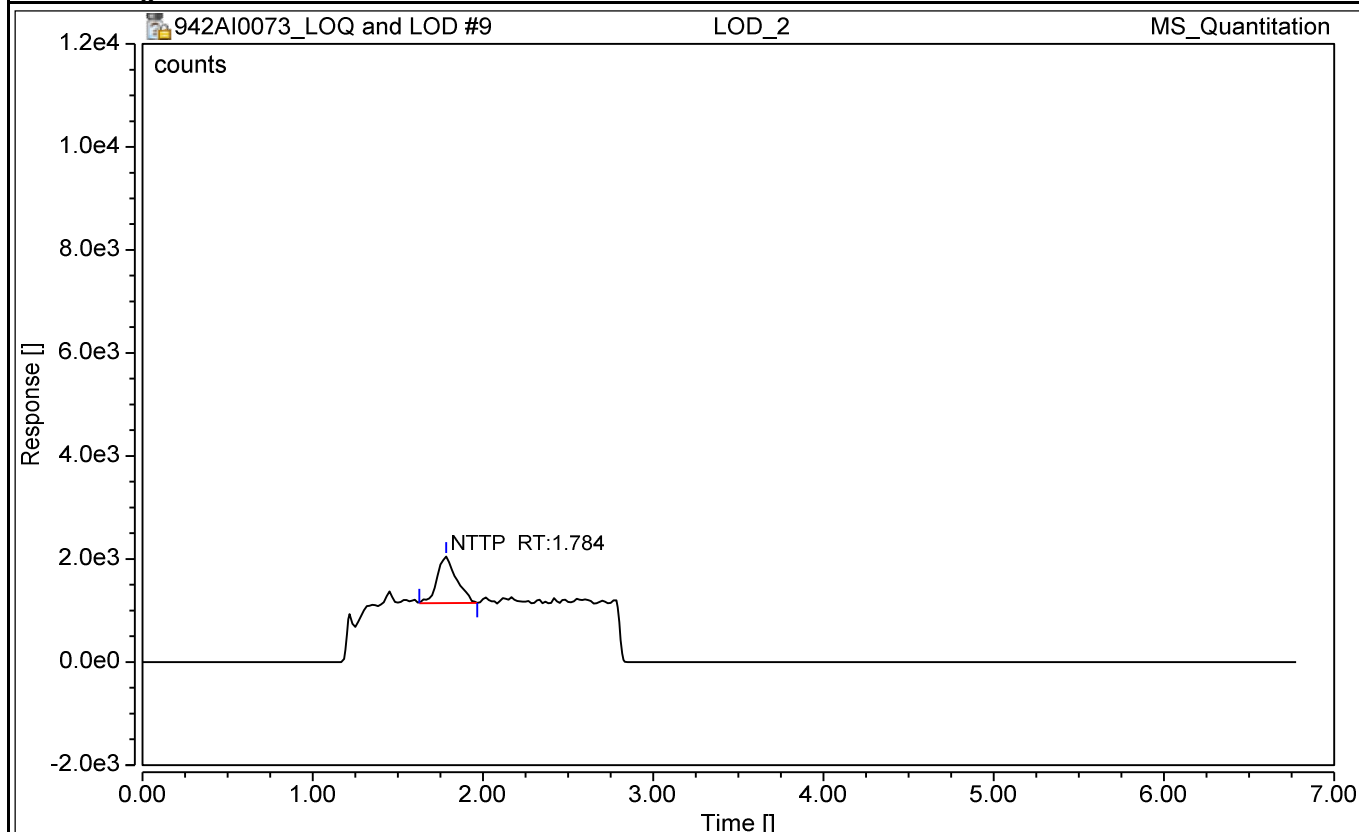
Peak Name	Retention Time min	Quantitation Ion	Area counts*s	Height counts	S/N
NTTP	1.775	192.13	13978.4	1784	24.8

Figure 15 Typical chromatogram of LOQ in validation

Chromatogram and Results

Injection Details			
Injection Name:	LOD_2	Run Time (min):	10.00
Vial Number:	R:A6	Injection Volume:	15.00
Injection Type:	Unknown	Channel	MS_Quantitation
Instrument Method:	942AI0073_220922	Operator	haoyajieGMP
Processing Method:	942AI0073_Quantitative		
Injection Date/Time:	22/09/22 14:34:38		

Chromatogram



Integration Results					
Peak Name	Retention Time min	Quantitation Ion	Area counts*s	Height counts	S/N
NTTP	1.784	192.13	7151.1	902	13.8

Figure 16 Typical chromatogram of LOD in validation