Project: PF14F0002

Compound: ST

Analytical Run: AR10
Current Date: 3/6/2014
Current Time: 8:55:32 AM
Date Calibrated: 3/6/2014 8:55:20 AM
Date Acquired: 3/5/2014 4:12:42 PM

Intercept: 21446.479768

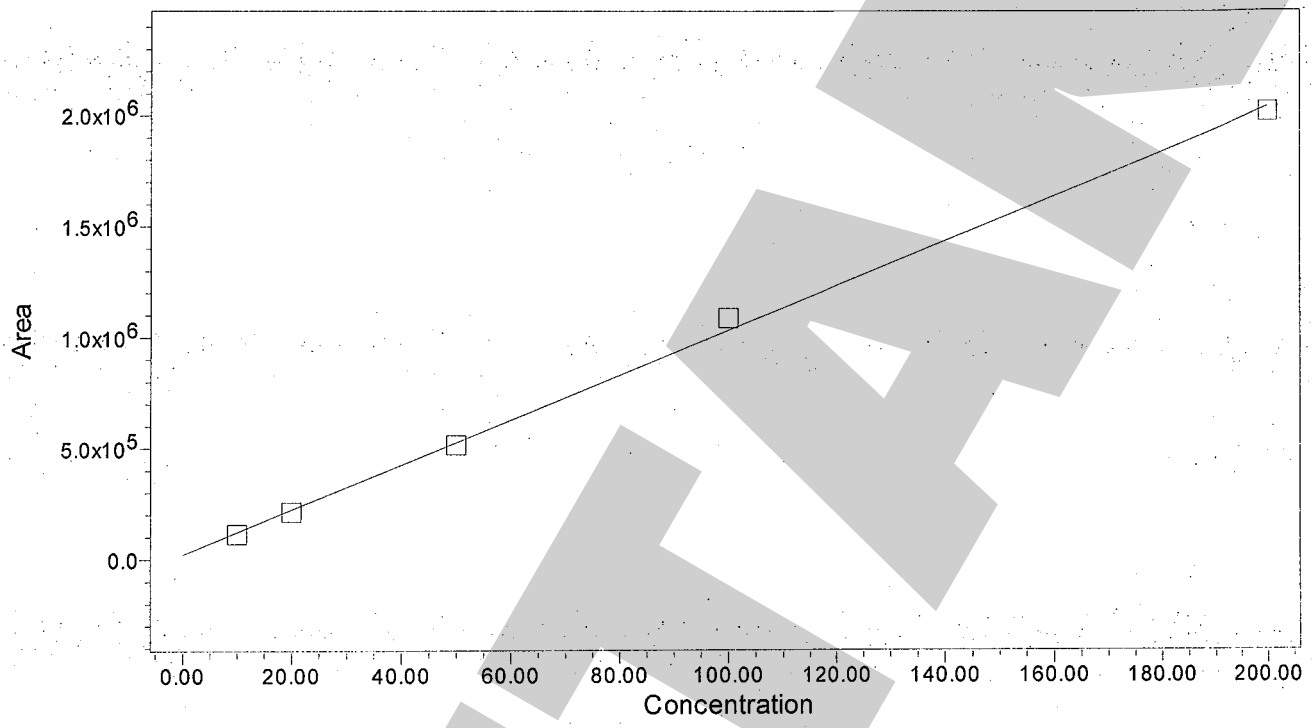
Slope: 10085.587371

r: 0.999226

Fit Type: Linear (1st Order)
Weighting: None

Units: ug/mL

Calibration Plot



	Name	Level	X Value	Response	Calc. Value	% Deviation	Manual	Ignore
1	ST	W1	10.000000	112454.700000	9.023591	-9.76409	No	No
2	ST	W2	20.000000	212521.300000	18.945334	-5.27333	No	No
3	ST	W3	50.000000	514751.200000	48.911848	-2.17630	No	No
4	ST	W4	100.000000	1084324.200000	105.385803	5.38580	No	No
5	ST	W5	200.000000	2015704.200000	197.733424	-1.13329	No	No

Software Version 4.00

Project: PF14F0002
Analytical Run: AR10

Current Date: 3/6/2014
Current Time: 8:55:51 AM

Peak Results
Name: ST

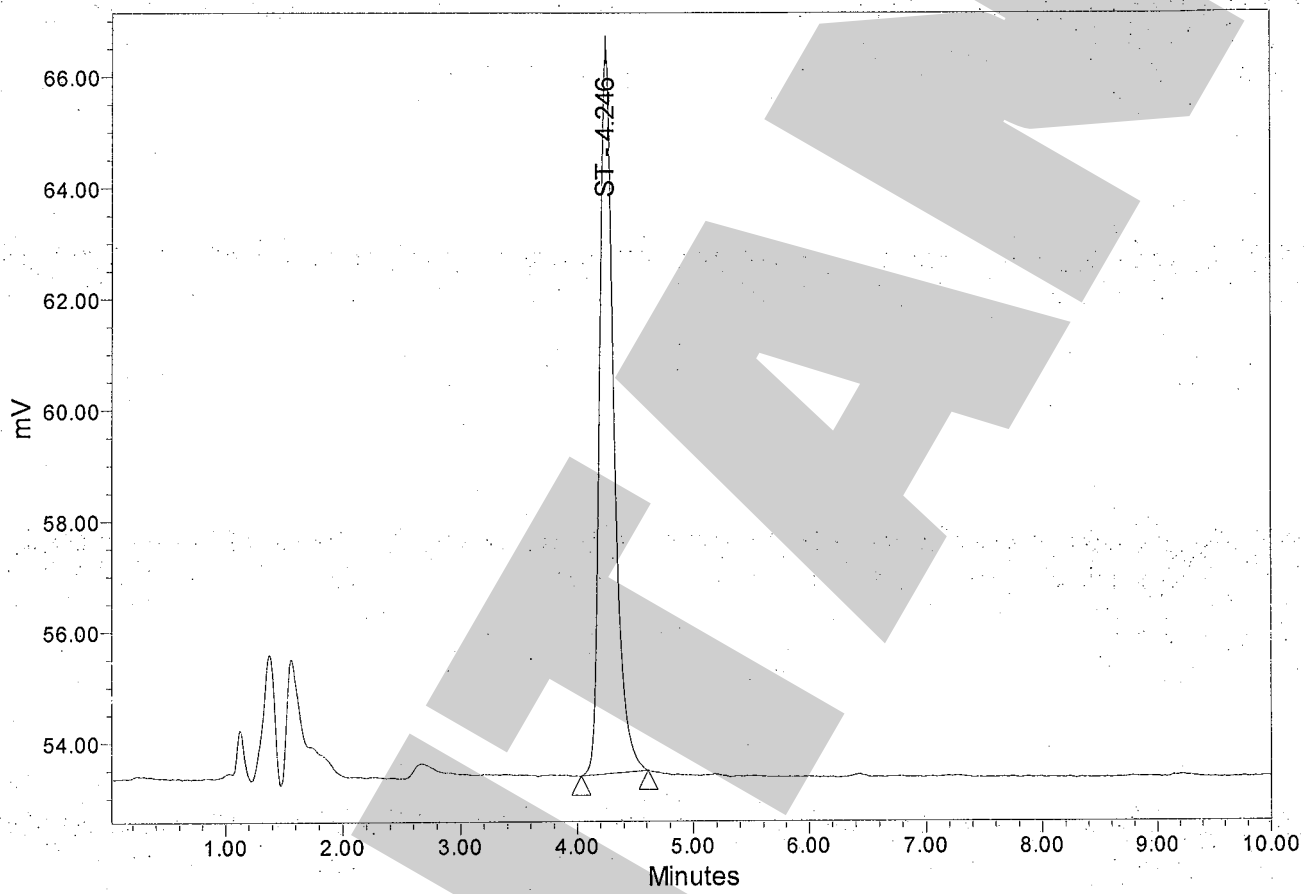
	SampleName	Name	Label	Sample Type	Area	Concentration	Units	Dilution
1	ST 10ug/mL	ST		Standard	112455	10.00000	ug/mL	1.00
2	ST 20ug/mL	ST		Standard	212521	20.00000	ug/mL	1.00
3	ST 50ug/mL	ST		Standard	514751	50.00000	ug/mL	1.00
4	ST 100ug/mL	ST		Standard	1084324	100.00000	ug/mL	1.00
5	ST 200ug/mL	ST		Standard	2015704	200.00000	ug/mL	1.00
6	S1 50ug/mL	ST		Unknown	582652	55.64430	ug/mL	1.00
7	S1 50ug/mL	ST		Unknown	583137	55.69239	ug/mL	1.00
8	S1 50ug/mL	ST		Unknown	582112	55.59074	ug/mL	1.00

Project: PF14F0002
Compound: ST

Current Date: 3/6/2014
Current Time: 8:56:06 AM
Date Acquired: 3/5/2014 4:12:42 PM
Date Calibrated: 3/6/2014 8:55:20 AM

Analytical Run: AR10
Text: ST 10ug/mL
Injection Id: 3282

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	ST	ST 10ug/mL	4.246	13057	112455	1	100.00

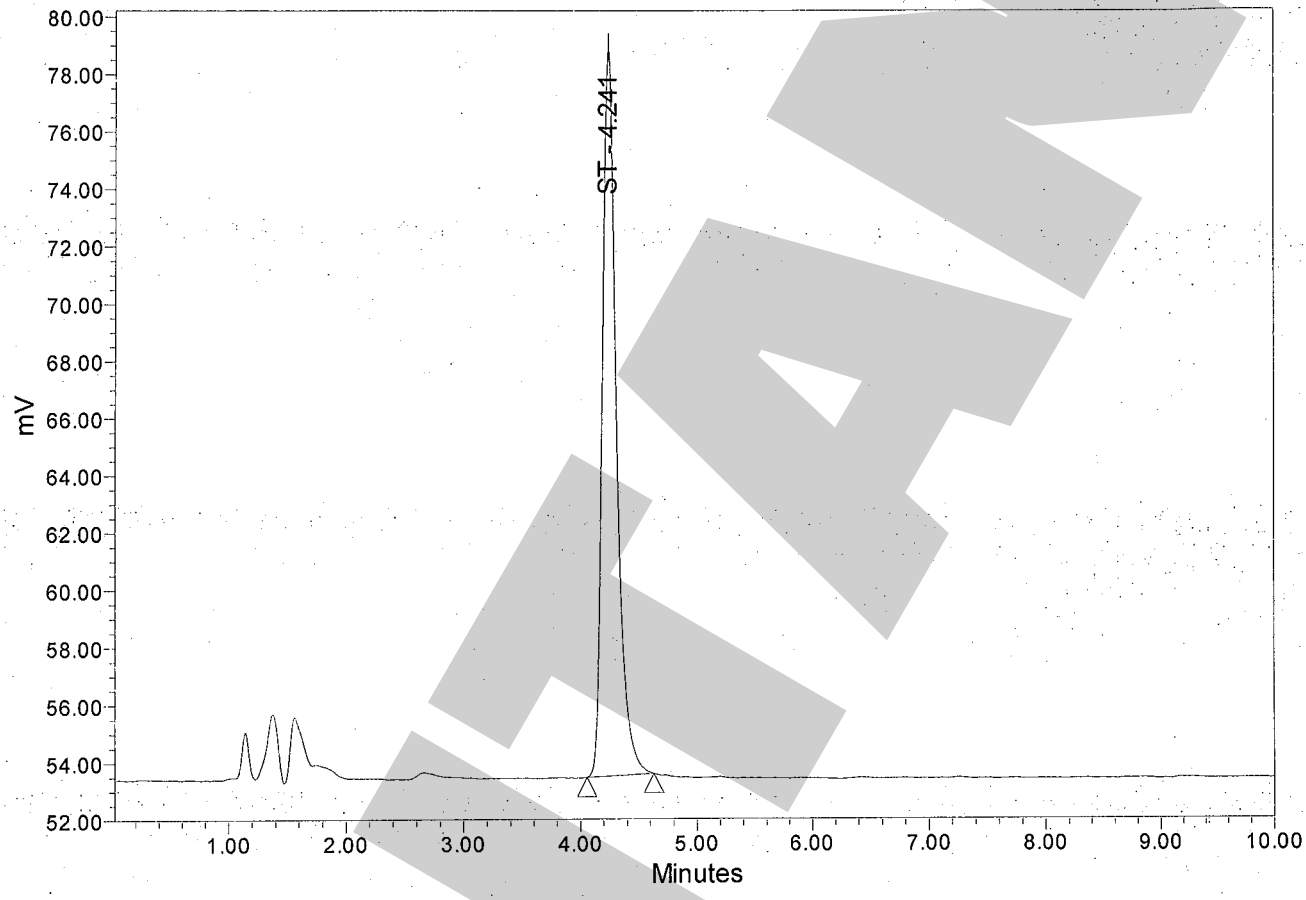
Software Version 4.00

Project: PF14F0002
Compound: ST

Current Date: 3/6/2014
Current Time: 8:56:07 AM
Date Acquired: 3/5/2014 4:23:30 PM
Date Calibrated: 3/6/2014 8:55:20 AM

Analytical Run: AR10
Text: ST 20ug/mL
Injection Id: 3285

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	ST	ST 20ug/mL	4.241	25433	212521	2	100.00

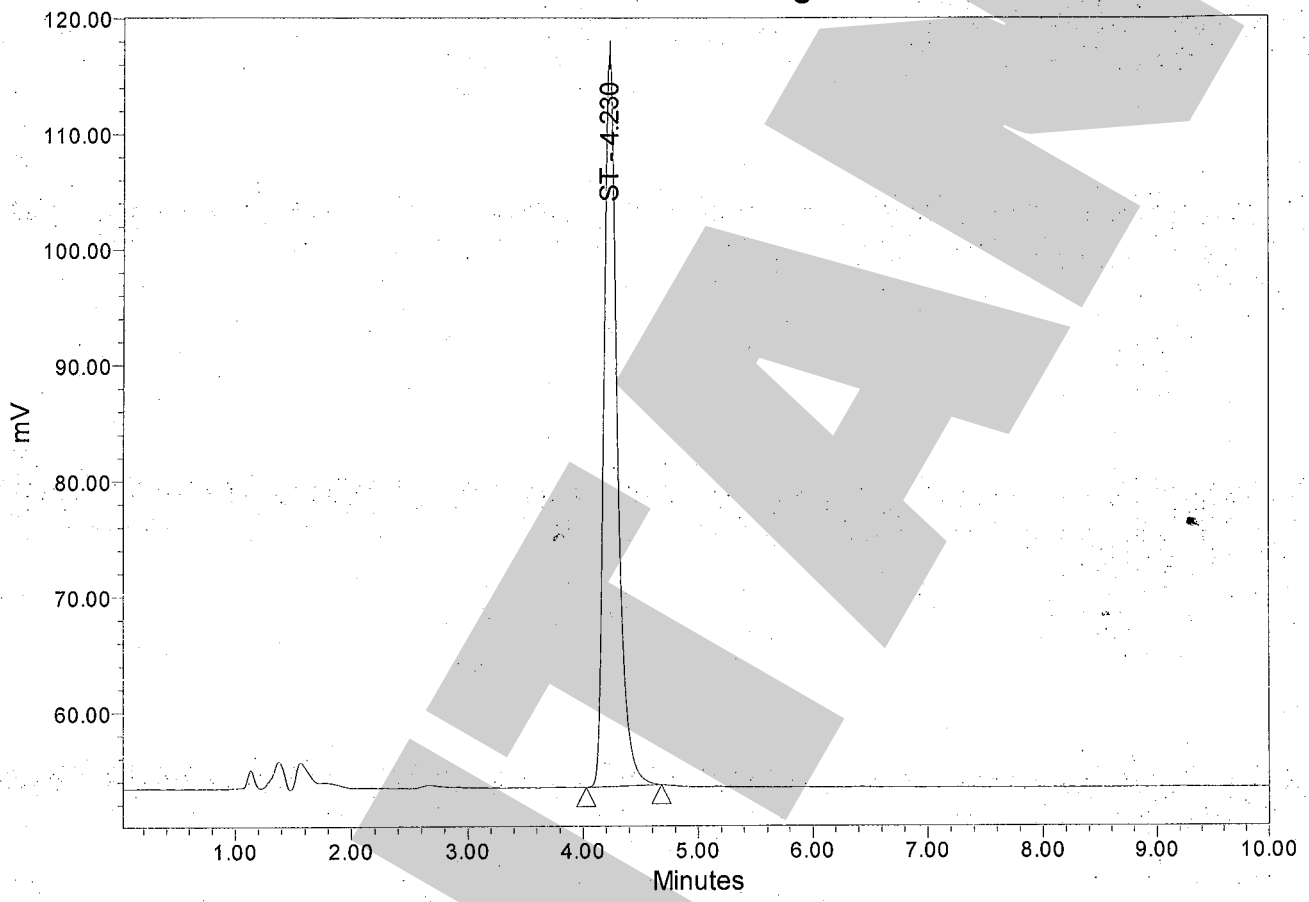
Software Version 4.00

Project: PF14F0002
Compound: ST

Current Date: 3/6/2014
Current Time: 8:56:08 AM
Date Acquired: 3/5/2014 4:34:22 PM
Date Calibrated: 3/6/2014 8:55:20 AM

Analytical Run: AR10
Text: ST 50ug/mL
Injection Id: 3288

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	ST	ST 50ug/mL	4.230	63375	514751	3	100.00

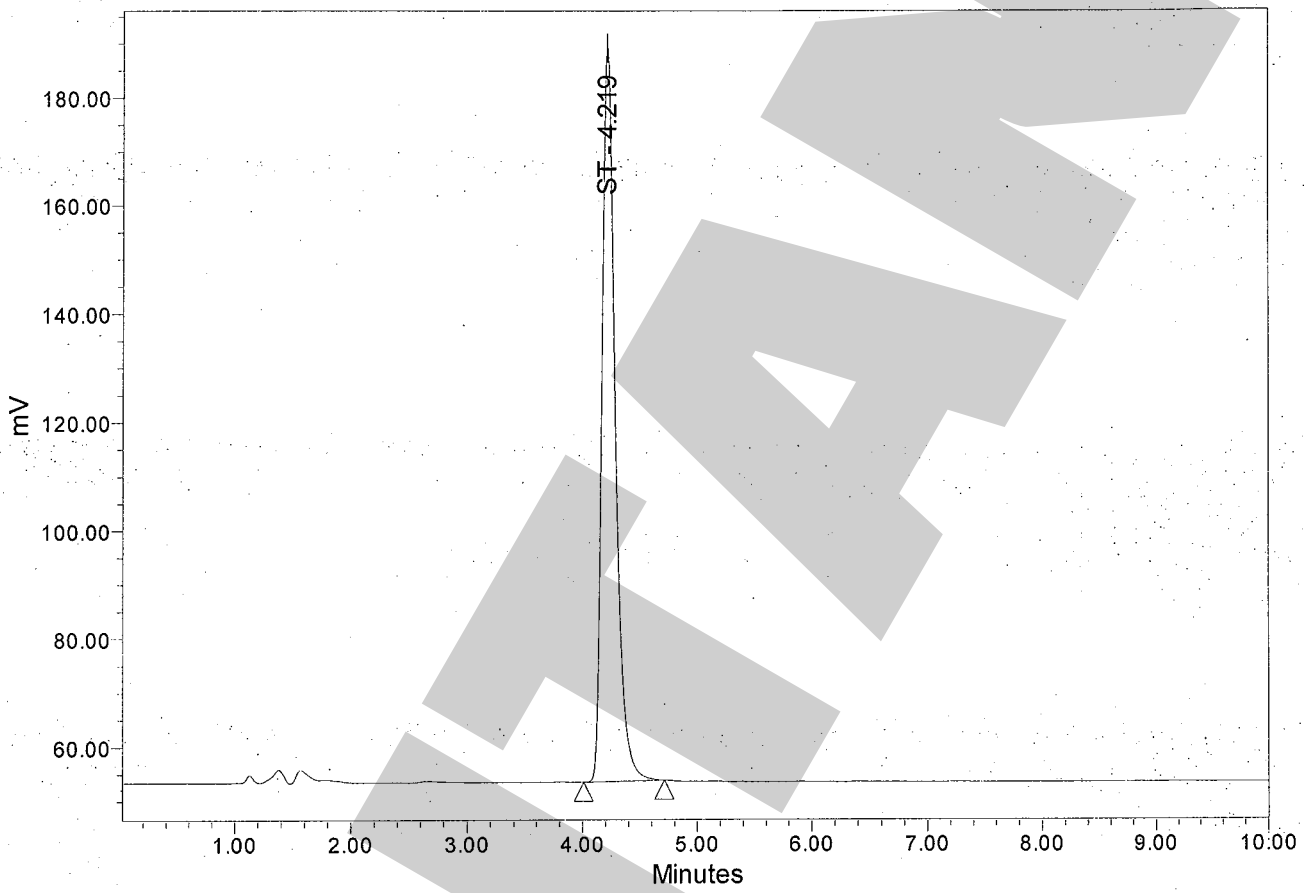
Software Version 4.00

Project: PF14F0002
Compound: ST

Current Date: 3/6/2014
Current Time: 8:56:08 AM
Date Acquired: 3/5/2014 4:45:12 PM
Date Calibrated: 3/6/2014 8:55:20 AM

Analytical Run: AR10
Text: ST 100ug/mL
Injection Id: 3291

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	ST	ST 100ug/mL	4.219	135652	1084324	4	100.00

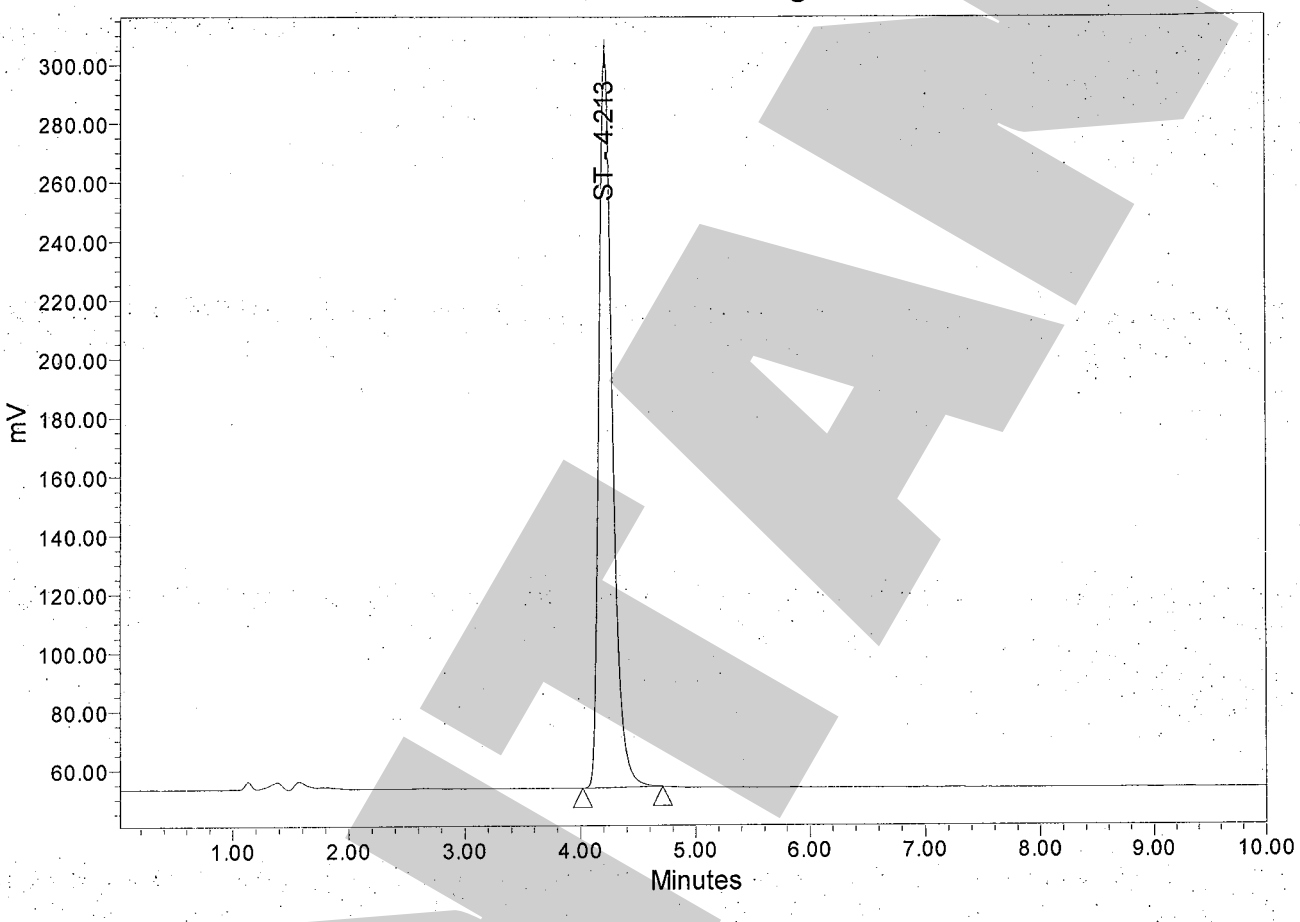
Software Version 4.00

Project: PF14F0002
Compound: ST

Current Date: 3/6/2014
Current Time: 8:56:09 AM
Date Acquired: 3/5/2014 4:56:01 PM
Date Calibrated: 3/6/2014 8:55:20 AM

Analytical Run: AR10
Text: ST 200ug/mL
Injection Id: 3294

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	ST	ST 200ug/mL	4.213	250053	2015704	5	100.00

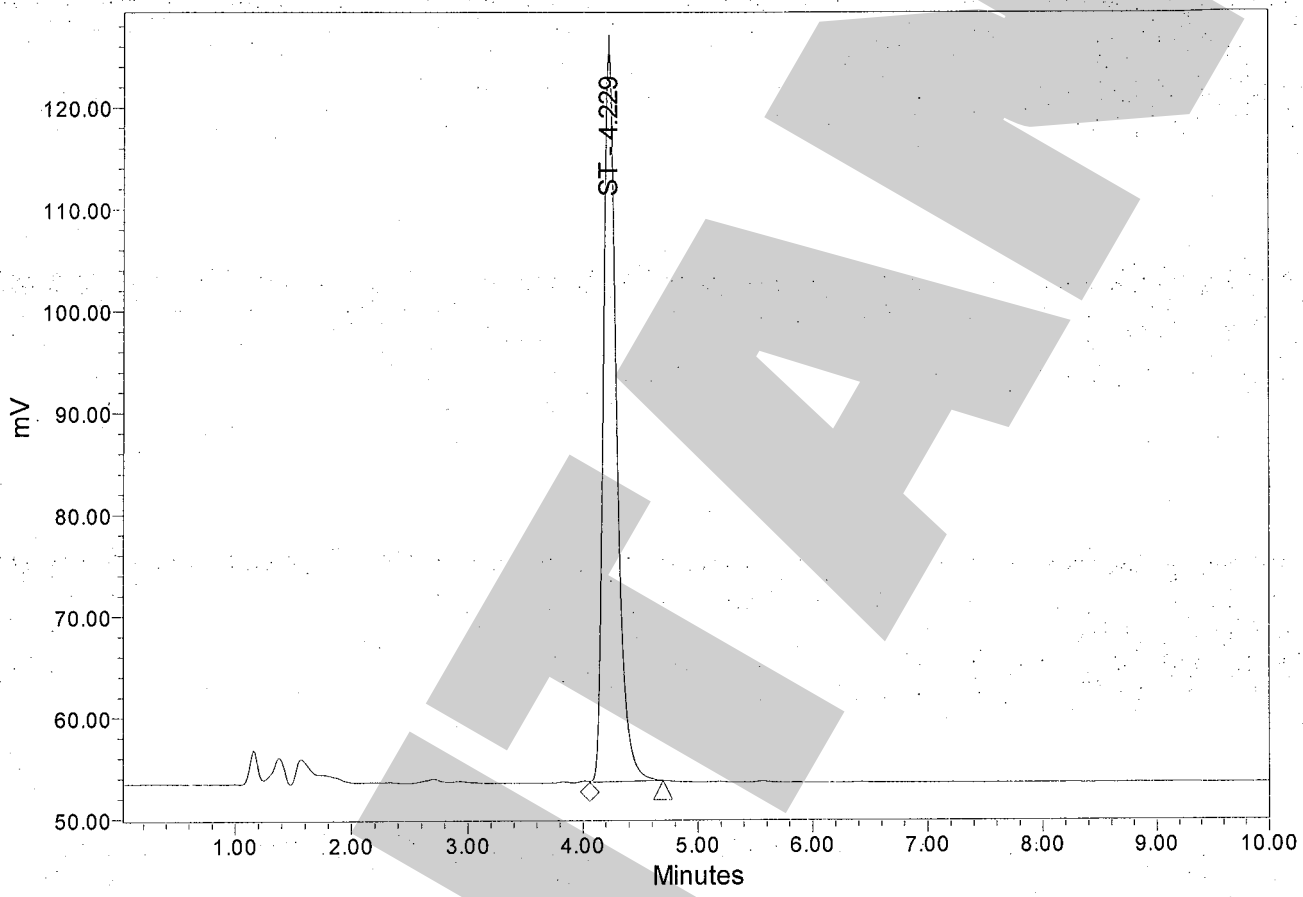
Software Version 4.00

Project: PF14F0002
Compound: ST

Current Date: 3/6/2014
Current Time: 8:56:10 AM
Date Acquired: 3/5/2014 5:06:51 PM
Date Calibrated: 3/6/2014 8:55:20 AM

Analytical Run: AR10
Text: S1 50ug/mL
Injection Id: 3297

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	ST	S1 50ug/mL	4.229	72208	582652	6	100.00

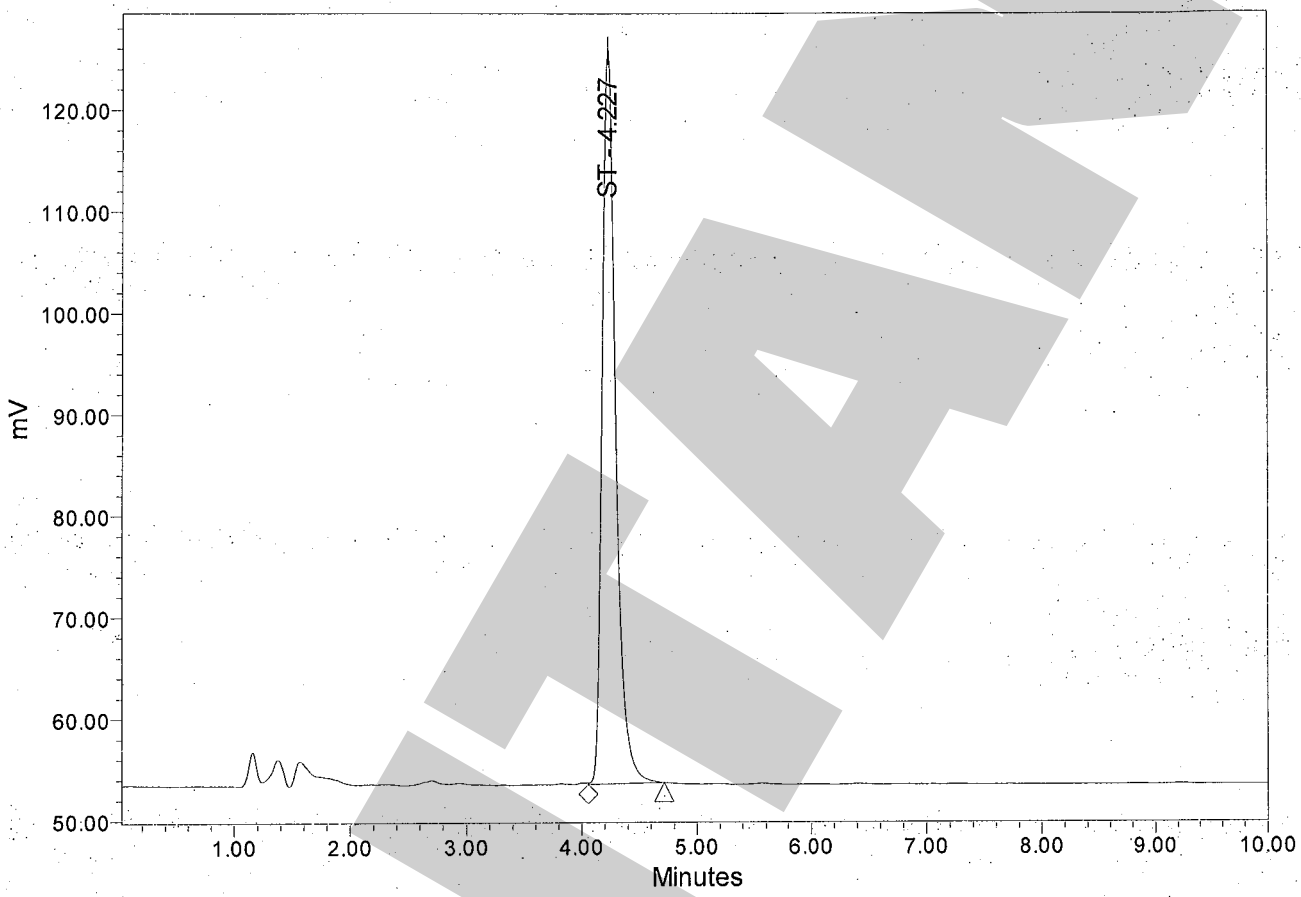
Software Version 4.00

Project: PF14F0002
Compound: ST

Current Date: 3/6/2014
Current Time: 8:56:10 AM
Date Acquired: 3/5/2014 5:17:41 PM
Date Calibrated: 3/6/2014 8:55:20 AM

Analytical Run: AR10
Text: S1 50ug/mL
Injection Id: 3300

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	ST	S1 50ug/mL	4.227	72273	583137	7	100.00

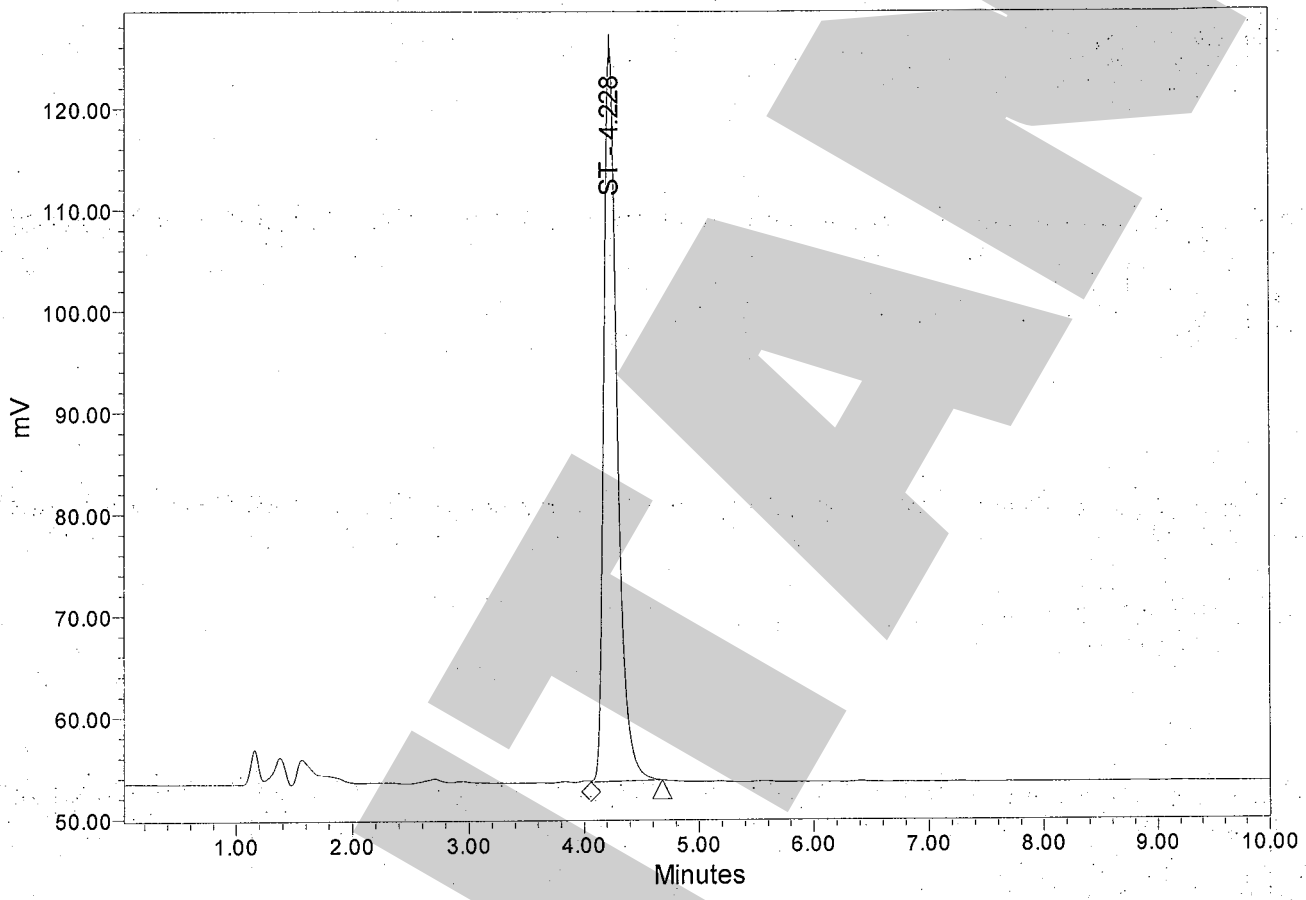
Software Version 4.00

Project: PF14F0002
Compound: ST

Current Date: 3/6/2014
Current Time: 8:56:11 AM
Date Acquired: 3/5/2014 5:28:31 PM
Date Calibrated: 3/6/2014 8:55:20 AM

Analytical Run: AR10
Text: S1 50ug/mL
Injection Id: 3303

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	ST	S1 50ug/mL	4.228	72334	582112	8	100.00

Software Version 4.00

AR10 ST

HPLC Condition

Solvent A: Water

Solvent B: Acetonitrile

Mobile Phase: Solvent A:Solvent B (40:60, v/v)

Flow Rate (mL/min): 1.00

Wavelength:212 nm

Column: ZORBAX Eclipse Plus dC18, 150 × 4.6 mm, 5 μm, Agilent

	Calculated Conc.(ug/mL)	Mean Actual Conc.(ug/mL)	Theoretical Content(mg)	Actual Content(mg)
S1-1	55.6	55.6	10.0	11.1
S1-2	55.7			
S1-3	55.6			

Sample Handling Procedure:

Weigh 10 tablets 1060.354 mg, then crush into power, weigh average amount 106.013 mg into 10 mL Methanol, sonicate for 30 min, then filter, spike 50 uL into 950 uL 50% Methanol to make 50 ug/mL solution, then injection 20 uL.