Project: PF14F0002

Compound: AN

Analytical Run: AR07
Current Date: 2/28/2014
Current Time: 3:55:55 PM
Date Calibrated: 2/28/2014 3:55:28 PM
Date Acquired: 2/28/2014 1:48:04 PM

Intercept: -3863.422006

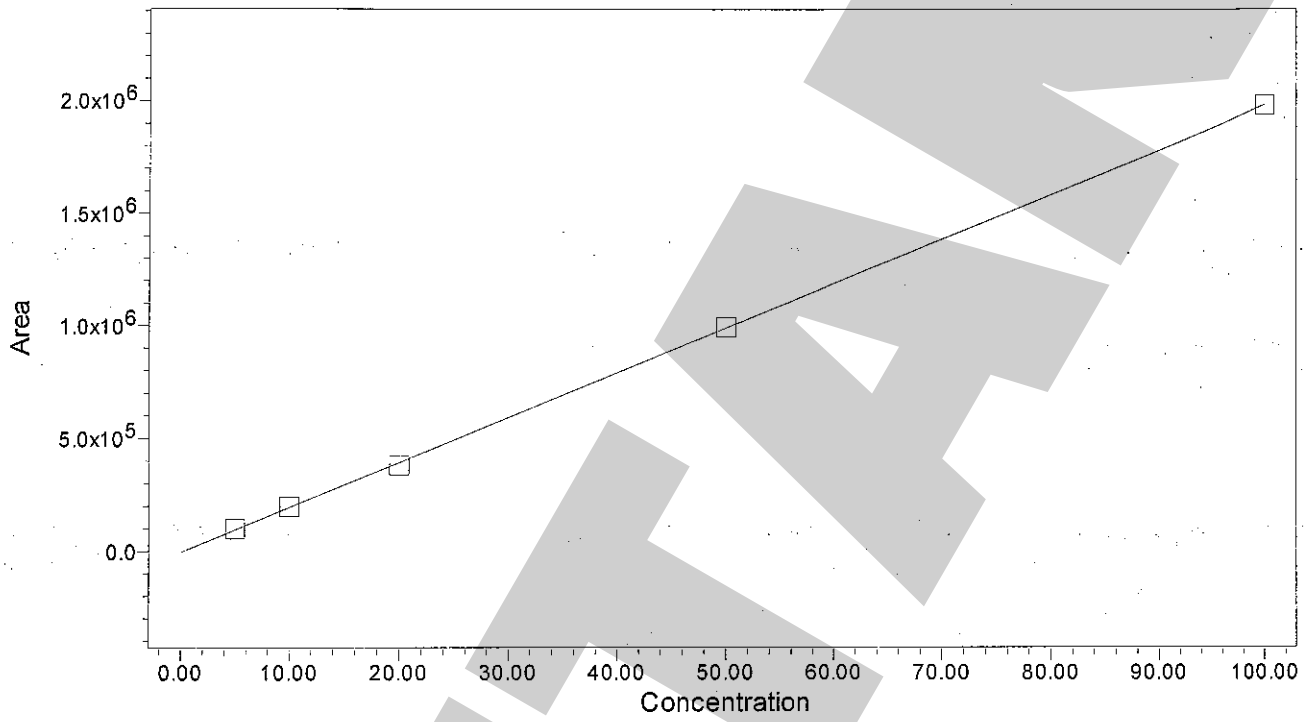
Slope: 19856.404919

r: 0.999964

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

Units: ug/mL

Calibration Plot



	Name	Level	X Value	Response	Calc. Value	% Deviation	Manual	Ignore
1	AN	W1	5.000000	98898.200000	5.175238	3.50476	No	No
2	AN	W2	10.000000	198597.400000	10.196248	1.96248	No	No
3	AN	W3	20.000000	381934.300000	19.429384	-2.85308	No	No
4	AN	W4	50.000000	993460.000000	50.226787	0.45357	No	No
5	AN	W5	100.000000	1981227.900000	99.972343	-0.02766	No	No

Software Version 4.00

Project: PT-14F-0002
Analytical Run: AR07

Current Date: 2/28/2014
Current Time: 3:55:40 PM

Peak Results
Name: AN

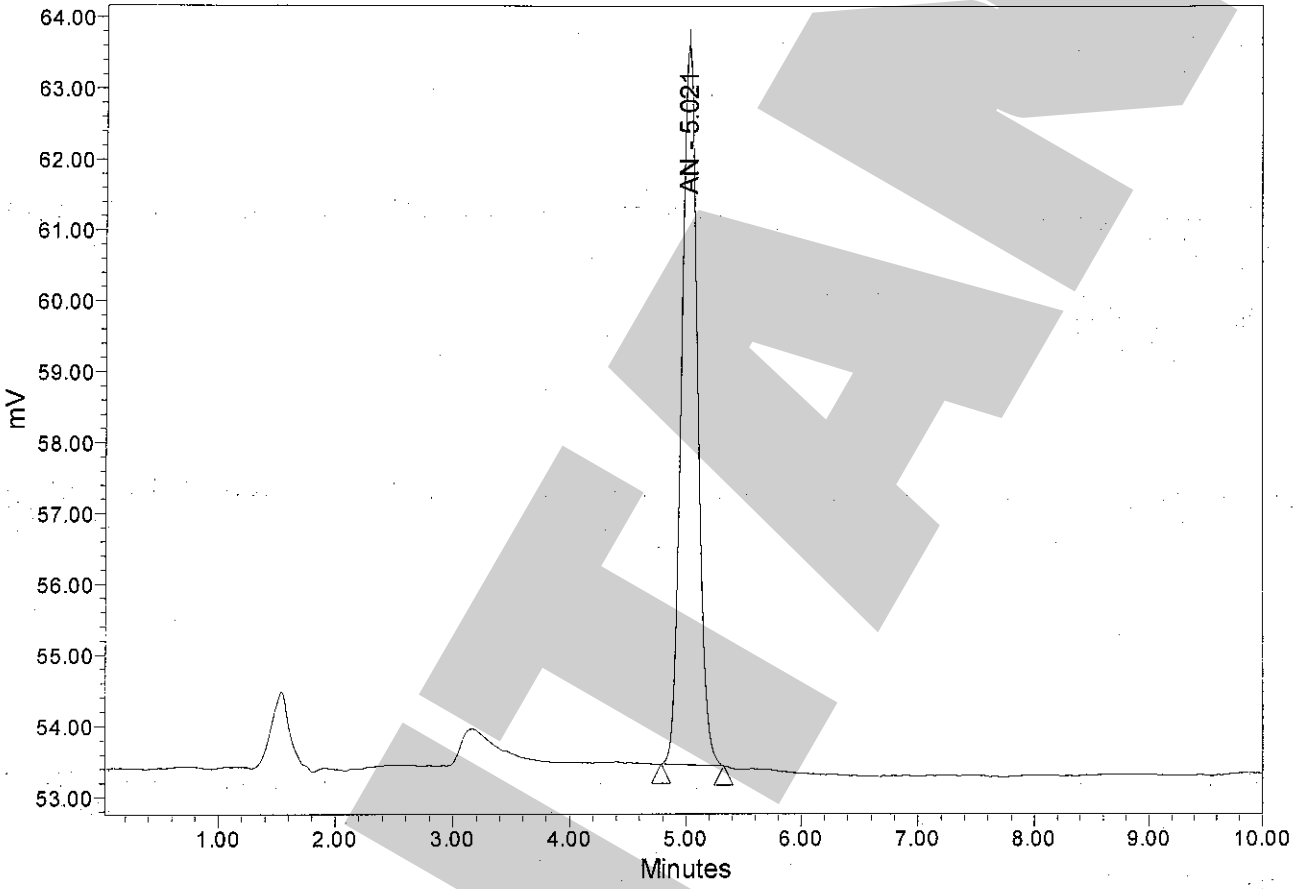
	SampleName	Name	Label	Sample Type	Area	Concentration	Units	Dilution
1	AN 5ug/mL	AN		Standard	98898	5.00000	ug/mL	1.00
2	AN 10ug/mL	AN		Standard	198597	10.00000	ug/mL	1.00
3	AN 20ug/mL	AN		Standard	381934	20.00000	ug/mL	1.00
4	AN 50ug/mL	AN		Standard	993460	50.00000	ug/mL	1.00
5	AN 100ug/mL	AN		Standard	1981228	100.00000	ug/mL	1.00
6	S1 20ug/mL	AN		Unknown	415535	21.12158	ug/mL	1.00
7	S120ug/mL	AN		Unknown	415379	21.11369	ug/mL	1.00
8	S1 20ug/mL	AN		Unknown	415755	21.13264	ug/mL	1.00

Project: PF14F0002
Compound: AN

Current Date: 2/28/2014
Current Time: 3:56:13 PM
Date Acquired: 2/28/2014 1:48:04 PM
Date Calibrated: 2/28/2014 3:55:28 PM

Analytical Run: AR07
Text: AN 5ug/mL
Injection Id: 2310

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	AN	AN 5ug/mL	5.021	10195	98898	1	100.00

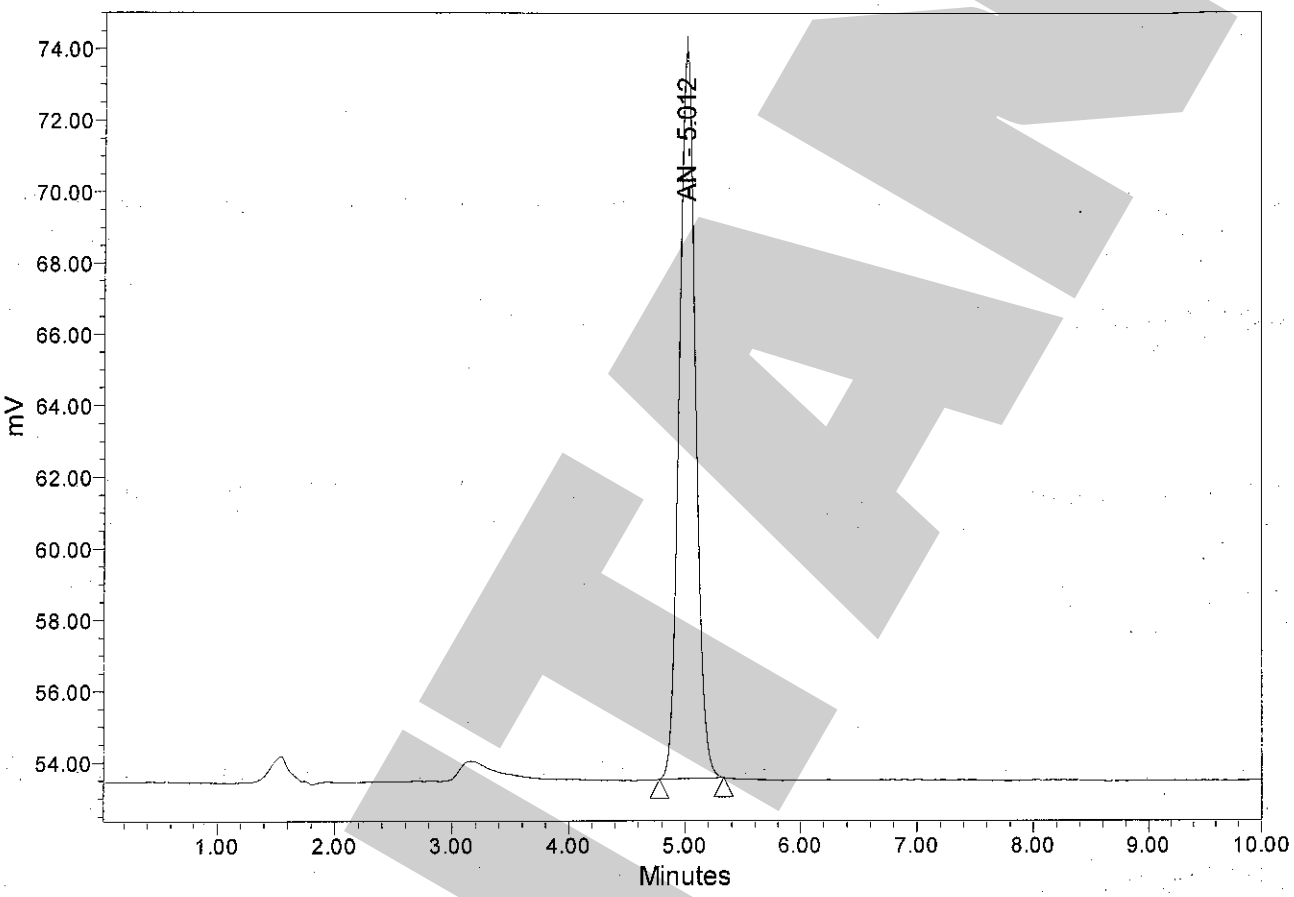
Software Version 4.00

Project: PF14F0002
Compound: AN

Current Date: 2/28/2014
Current Time: 3:56:14 PM
Date Acquired: 2/28/2014 1:58:52 PM
Date Calibrated: 2/28/2014 3:55:28 PM

Analytical Run: AR07
Text: AN 10ug/mL
Injection Id: 2313

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	AN	AN 10ug/mL	5.012	20455	198597	2	100.00

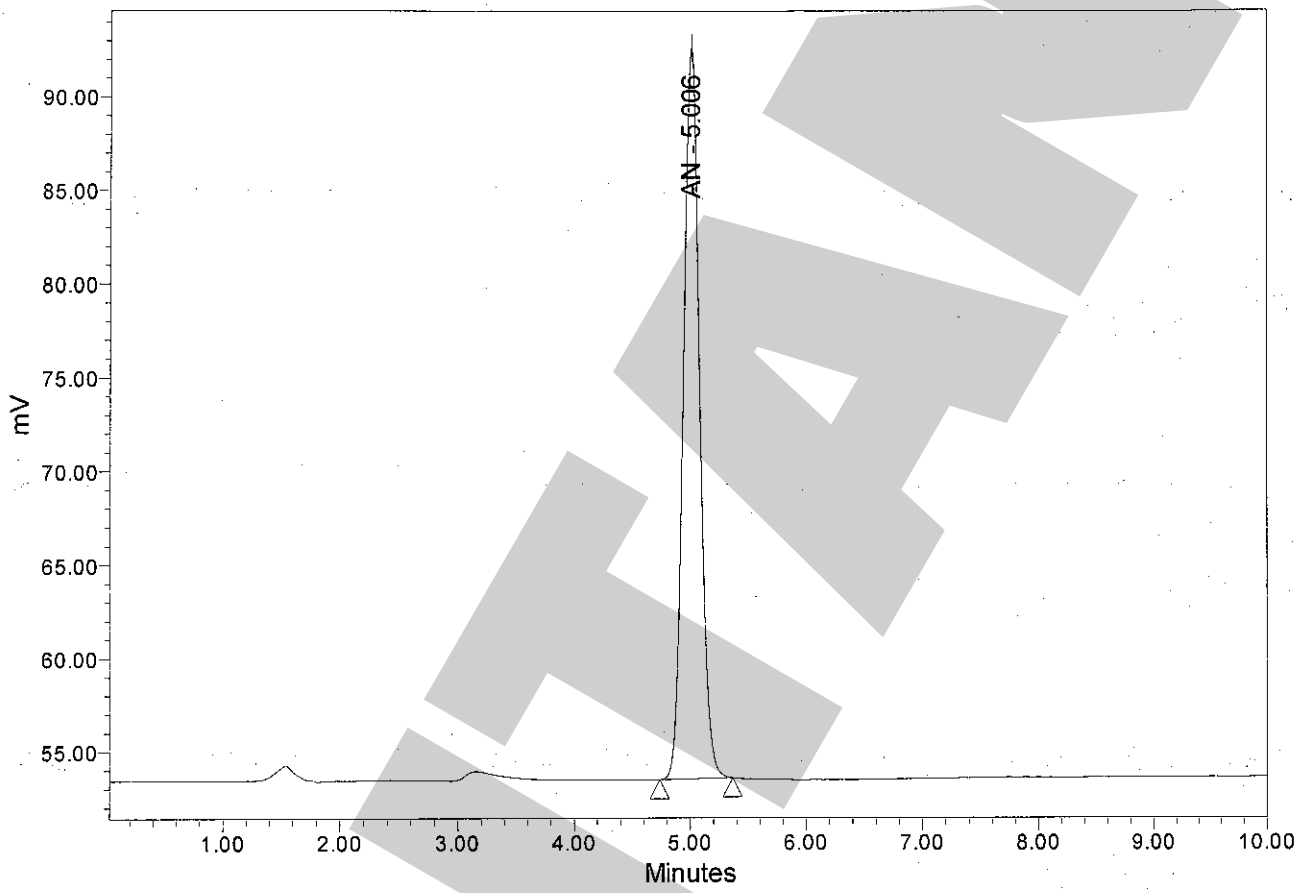
Software Version 4.00

Project: PF14F0002
Compound: AN

Current Date: 2/28/2014
Current Time: 3:56:15 PM
Date Acquired: 2/28/2014 2:09:40 PM
Date Calibrated: 2/28/2014 3:55:28 PM

Analytical Run: AR07
Text: AN 20ug/mL
Injection Id: 2329

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	AN	AN 20ug/mL	5.006	39149	381934	3	100.00

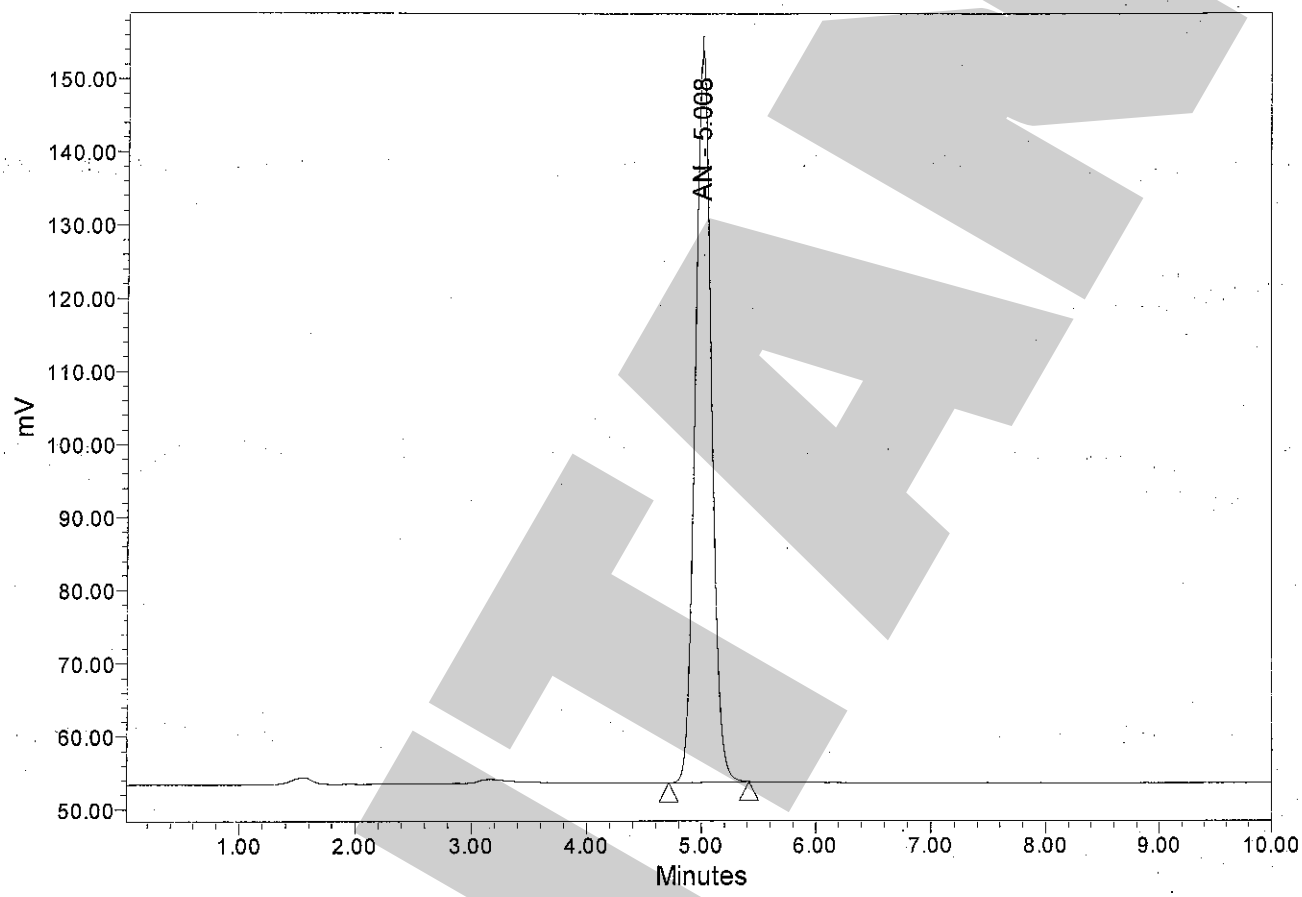
Software Version 4.00

Project: PF14F0002
Compound: AN

Current Date: 2/28/2014
Current Time: 3:56:16 PM
Date Acquired: 2/28/2014 2:20:27 PM
Date Calibrated: 2/28/2014 3:55:28 PM

Analytical Run: AR07
Text: AN 50ug/mL
Injection Id: 2341

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	AN	AN 50ug/mL	5.008	100369	993460	4	100.00

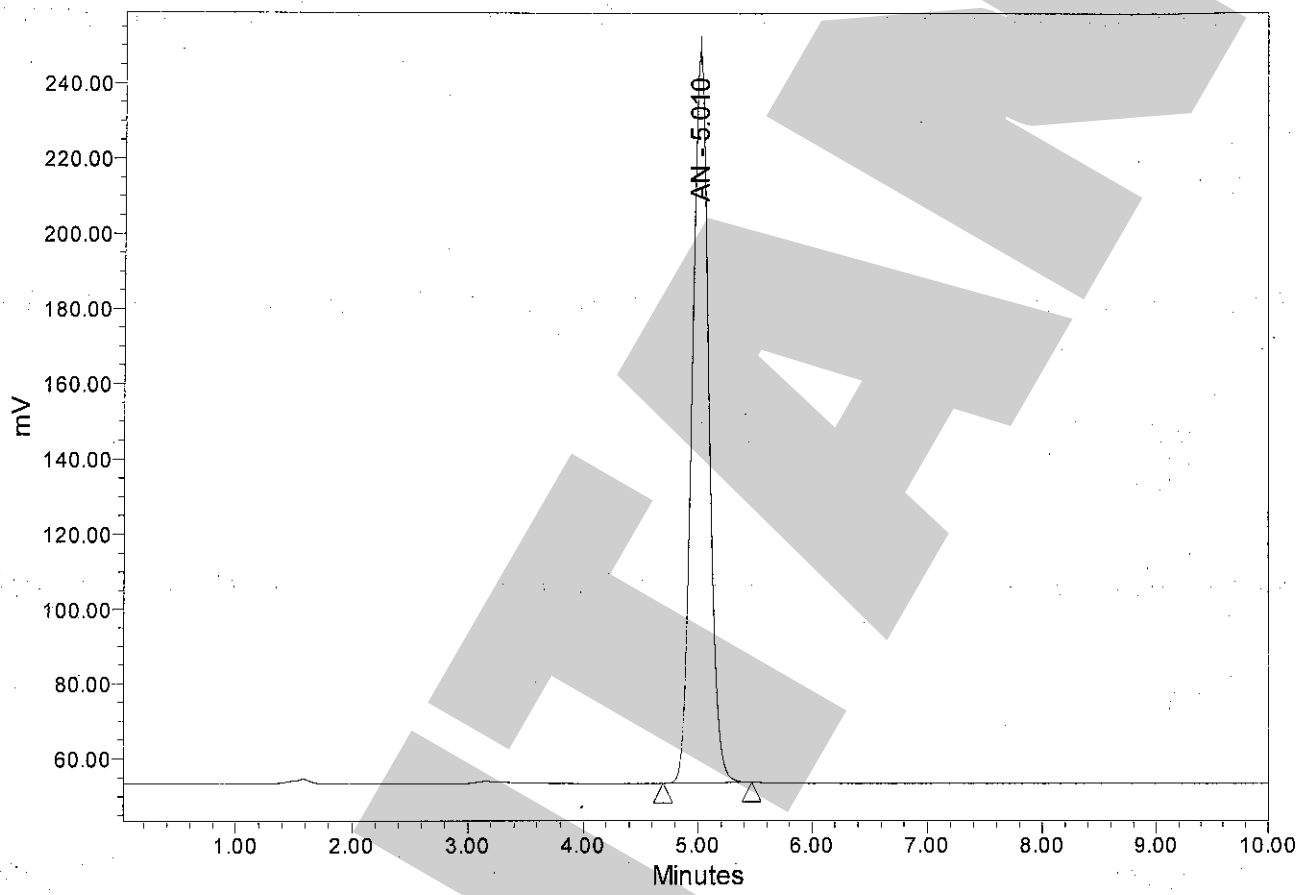
Software Version 4.00

Project: PF14F0002
Compound: AN

Current Date: 2/28/2014
Current Time: 3:56:16 PM
Date Acquired: 2/28/2014 2:31:16 PM
Date Calibrated: 2/28/2014 3:55:28 PM

Analytical Run: AR07
Text: AN 100ug/mL
Injection Id: 2344

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	AN	AN 100ug/mL	5.010	195561	1981228	5	100.00

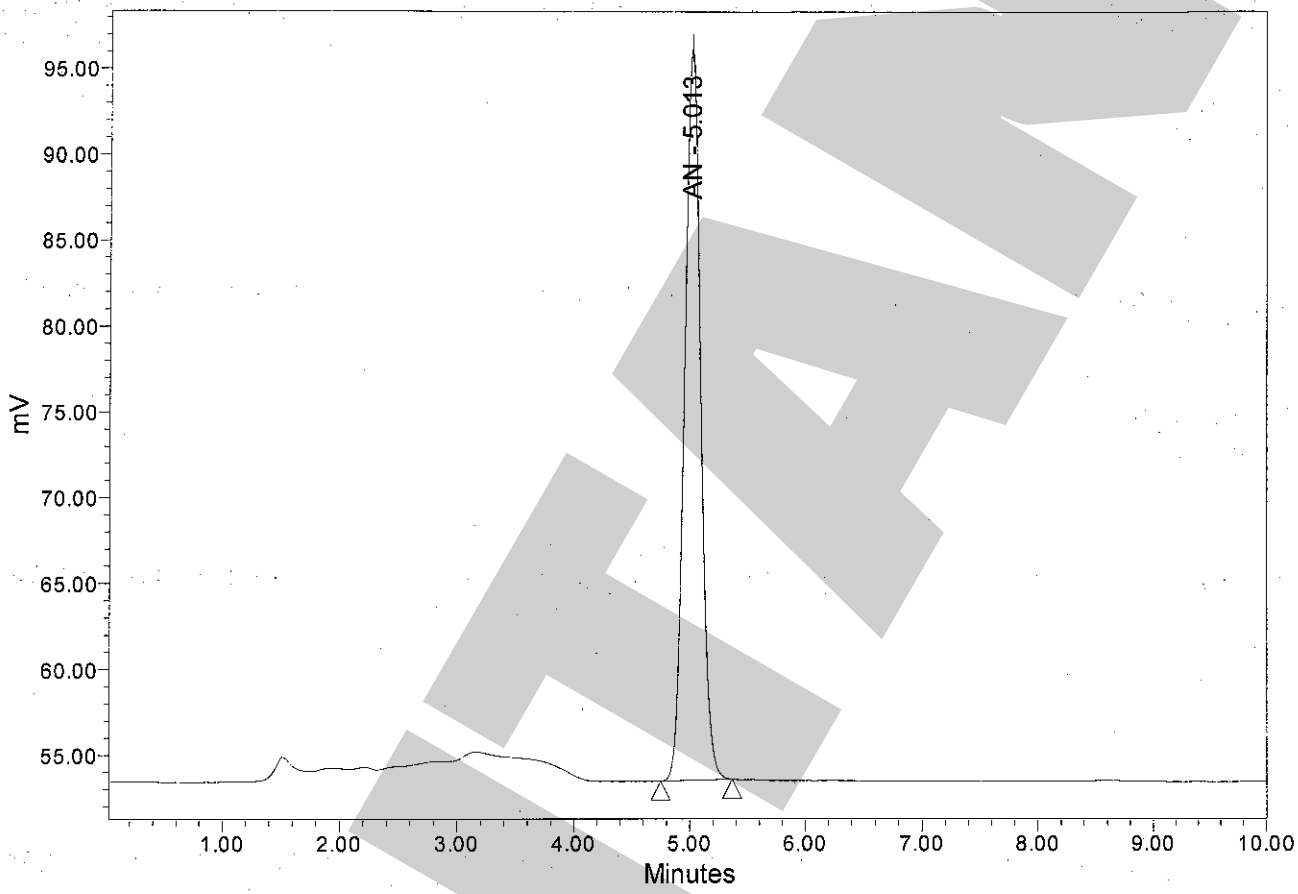
Software Version 4.00

Project: PF14F0002
Compound: AN

Current Date: 2/28/2014
Current Time: 3:56:17 PM
Date Acquired: 2/28/2014 2:42:07 PM
Date Calibrated: 2/28/2014 3:55:28 PM

Analytical Run: AR07
Text: S1 20ug/mL
Injection Id: 2347

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	AN	S1 20ug/mL	5.013	42700	415535	6	100.00

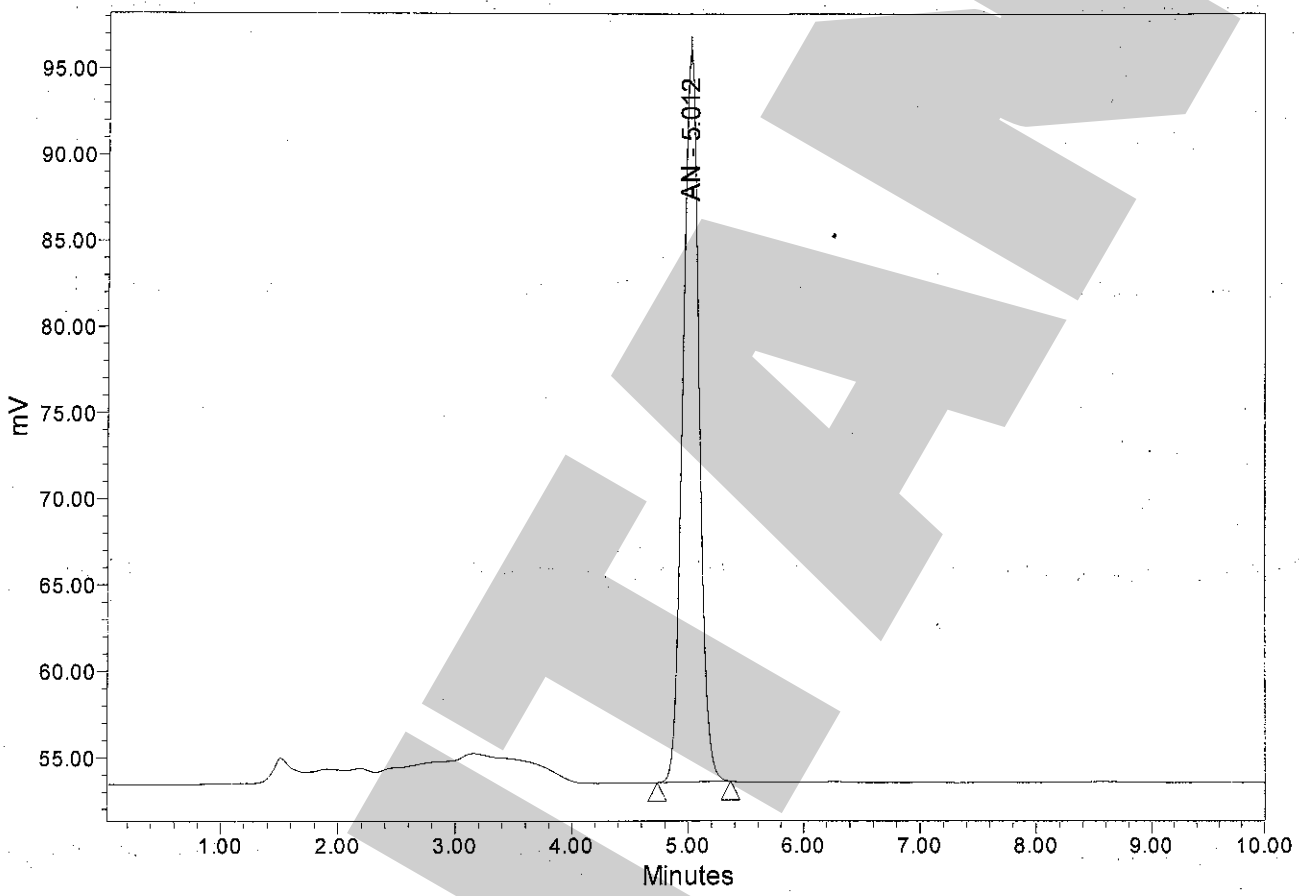
Software Version 4.00

Project: PF14F0002
Compound: AN

Current Date: 2/28/2014
Current Time: 3:56:17 PM
Date Acquired: 2/28/2014 2:52:55 PM
Date Calibrated: 2/28/2014 3:55:28 PM

Analytical Run: AR07
Text: S120ug/mL
Injection Id: 2366

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	AN	S120ug/mL	5.012	42515	415379	7	100.00

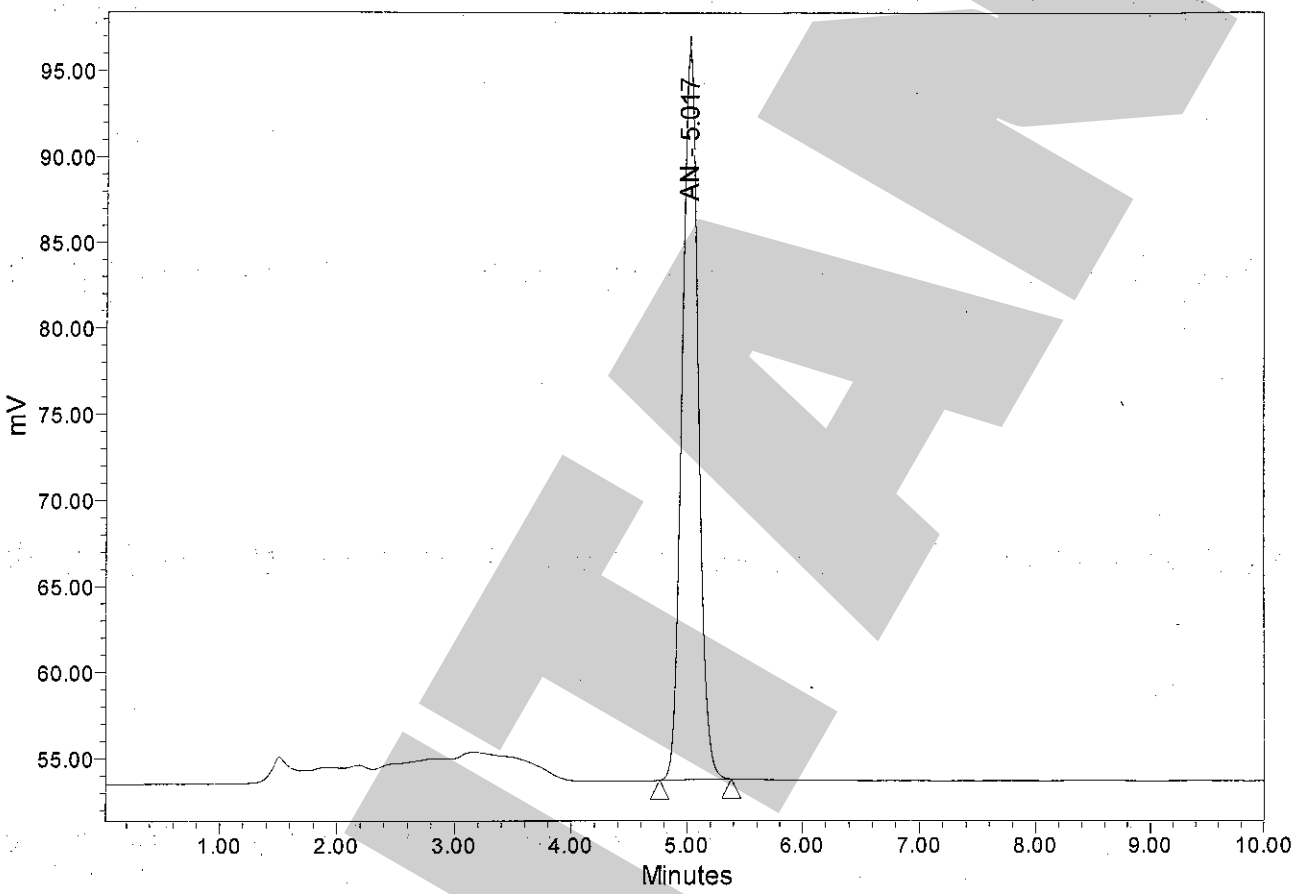
Software Version 4.00

Project: PF14F0002
Compound: AN

Current Date: 2/28/2014
Current Time: 3:56:18 PM
Date Acquired: 2/28/2014 3:03:44 PM
Date Calibrated: 2/28/2014 3:55:28 PM

Analytical Run: AR07
Text: S1 20ug/mL
Injection Id: 2378

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	AN	S1 20ug/mL	5.017	42557	415755	8	100.00

Software Version 4.00

AR07 AN

HPLC Condition

Solvent A: Water

Solvent B: Methanol

Mobile Phase: Solvent A:Solvent B (50:50, v/v)

Flow Rate (mL/min): 1.00

Wavelength:240 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	21.1	21.1	1.00	1.06
S1-2	21.1			
S1-3	21.1			

Sample Handling Procedure:

Weigh 5 tablets 531.234 mg, then crush into power, weigh average amount 106.212 mg into 1 mL Methanol, sonicate for 30 min, then filter, spike 20 uL into 980 uL 50% Methanol to make 20.0 ug/mL solution, then injection 20 uL.