WASHINGTON STATE PATROL - TOXICOLOGY LABORATORY DIVISION
2203 Airport Way S, Suite 360 SEATTLE, WA 98134

AN ASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/16/2009

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 13014

CUSTOMER INFORMATION
Washington State Patrol – Breath Test Program
811 East Roanoke SEATTLE, WA 98102

TESTING PROCEDURE USED: TLD Technical Manual, Chapter 4.0 Certification of Simulator Solutions; Headspace-Gas Chromatography.

TESTING ITEM INFORMATION
TARGET VAPOR CONCENTRATION: 0.08 g/210L
DATE PREPARED: 04/09/2013
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Sarah Swenson

	SS	JLK	NN	CSJ	RF	BEO	AJL	BB
1	0.102	0.104	0.104	0.103	0.103	0.100	0.103	0.103
2	0.102	0.104	0.102	0.104	0.104	0.104	0.105	0.103
3	0.102	0.104	0.102	0.104	0.103	0.100	0.102	0.102
4	0.102	0.104	0.102	0.104	0.105	0.100	0.102	0.103
5	0.102	0.104	0.103	0.104	0.103	0.100	0.103	0.102
C	0.100	0.102	0.101	0.102	0.102	0.101	0.102	0.102

ETHANOL CONTROL INFORMATION
LOT NUMBER: A090924 EXPIRATION: 01/2017 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1028 g/100mL
STANDARD DEVIATION: 0.00130
PRECISION CV (%): 1.27
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0836 g/210L**
EXPANDED UNCERTAINTY: ± 0.0030 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5
Melissa L. Pemberton Forensic Scientist Supervisor

5-8-2013
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
SS	Sarah Swenson		04/09/2013
JLK	Justin L. Knoy		04/10/2013
NN	Naziha Nuwayhid		04/13/2013
CSJ	Christopher S. Johnston		04/13/2013
RF	Rebecca Flaherty		04/18/2013
BEO	Brianne O'Reilly	Brianne O'Reilly	04/18/2013
AJL	Asa J. Louis		04/23/2013
BB	Brittany Ball	Brittany Ball	04/25/2013

This report applies only to the item being tested and shall not be reproduced except in full, without the written approval of the WSP Toxicology Laboratory Division.

Washington State Patrol - Toxicology Laboratory Division
ESS Test Report Calculation Record

External Standard Solution Batch #: 13014 **Date Prepared:** 4/9/2013

Analyst:	SS	JLK	NN	CSJ	RF	BEO	AJL	BB
Date Tested:	4/9/2013	4/10/2013	4/13/2013	4/13/2013	4/18/2013	4/18/2013	4/23/2013	4/25/2013
Instrument:	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1
1	0.102	0.104	0.104	0.103	0.103	0.100	0.103	0.103
2	0.102	0.104	0.102	0.104	0.104	0.104	0.105	0.103
3	0.102	0.104	0.102	0.104	0.103	0.100	0.102	0.102
4	0.102	0.104	0.102	0.104	0.105	0.100	0.102	0.103
5	0.102	0.104	0.103	0.104	0.103	0.100	0.103	0.102
C	0.100	0.102	0.101	0.102	0.102	0.101	0.102	0.102

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0001611081	0.0000554664	0.0001016326

Ethanol Control Lot #: A090924
Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1028 g/100mL
Standard Deviation: 0.00130 g/100mL
Precision CV (%): 1.27
Equivalent Vapor Concentration: 0.0836 g/210L
Combined Standard Uncertainty (±): 0.0015 g/210L
Expanded Uncertainty (±): 0.0030 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton [signature] 4.29.2013
Name Signature Date

Calculations verified by: Amanda M. Black [signature] 5-6-2013 Method: Hand calulation
Name Signature Date

Technical review of batch file performed by:
Melissa L. Pemberton [signature] 5.3.13
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 5-6-2013

Location: WSP - FLSB Seattle, WA **Solution Batch Number:** -13014

	YES	NO	N/A
Analysis dates do not precede preparation date:	✓		
Declarations signed and properly dated:	✓		
Data entry corresponds to all chromatograms:	✓		
All signatures present on Test Report:	✓		
Average solution concentration correct:	✓		
Standard deviation correct:	✓		
CV (%) correct:	✓		
Equivalent vapor concentration correct:	✓		
All chromatograms and sequences included in file:	✓		
Ethanol control information present: (lot # present & used within expiration)	✓		
Complies with accuracy and precision requirements established by the State Toxicologist:	✓		

Comments:

Reviewer Signature: [signature] **Date:** 5-6-2013

Reviewer Signature: N/A AB 5-6-13 **Date:**

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

Please check that the data on your chromatograms is the data entered into the Test Report, that the date to the right of your name is the date that you tested the solution, and then sign the Test Report.

Please initial and date below to affirm that you have:

1) Checked your data
2) Checked the date to the right of your name on the Test Report
3) Signed the Test Report

	Initials	Date
Asa Louis	AL	20130501
Brianna Peterson		
Brianne O'Reilly	BOW	5.2.13
Brittany Ball	BB	4/29/13
Christie Mitchell-Mata		
Christopher Johnston	CJ	4/29/13
Justin Knoy	JK	4.30.13
Lisa Noble		
Naziha Nuwayhid	NN	5/1/13
Rebecca Flaherty	RF	4.30.13
Sarah Swenson	SMS	4/29/13

Batch # -13014

~~CHRISTINE O. GREGOIRE~~
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13014

I, Sarah M. Swenson, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Chemistry and over nine years of experience in forensic toxicology.

The external standard solution, Lot Number 13014, was prepared in the Washington State Toxicology Laboratory on 4/9/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 4/9/2014.

Seattle, WA

4/29/13

Sarah M. Swenson — Date

Forensic Toxicologist

~~CHRISTINE O. GREGOIRE~~
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13014

I, Justin L. Knoy, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biology, and MS degree in Forensic Science.

The external standard solution, Lot Number 13014, was prepared in the Washington State Toxicology Laboratory on 4/9/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 4/9/2014.

Seattle, WA

4.30.13

Justin L. Knoy — Date
Forensic Toxicologist

~~CHRISTINE O. GREGOIRE~~
Governor

JOHN R. BATISTE
Chief

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2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13014

I, Christopher S. Johnston, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biochemistry.

The external standard solution, Lot Number 13014, was prepared in the Washington State Toxicology Laboratory on 4/9/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 4/9/2014.

Seattle, WA

Ch S. Jn 4/29/13

Christopher S. Johnston Date

Forensic Toxicologist

~~CHRISTINE O. GREGOIRE~~
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13014

I, Naziha Nuwayhid, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: Bachelor and Masters Degrees in Biology, Ph.D. degree in Basic Medical Science, ten years experience in clinical laboratory sciences, one year in clinical toxicology and more than ten years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The external standard solution, Lot Number 13014, was prepared in the Washington State Toxicology Laboratory on 4/9/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 4/9/2014.

Seattle, WA

5/1/13

Naziha Nuwayhid — Date

Forensic Toxicologist

~~CHRISTINE O. GREGOIRE~~
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13014

I, Rebecca Flaherty, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degrees in Biochemistry and Psychobiology and MS degree in Forensic Science.

The external standard solution, Lot Number 13014, was prepared in the Washington State Toxicology Laboratory on 4/9/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 4/9/2014.

Seattle, WA

4·30·13

Rebecca Flaherty — Date

Forensic Toxicologist

~~CHRISTINE O. GREGOIRE~~
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13014

I, Brianne E. O'Reilly, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biology and MS degree in Veterinary Medical Sciences.

The external standard solution, Lot Number 13014, was prepared in the Washington State Toxicology Laboratory on 4/9/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 4/9/2014.

Seattle, WA

Brianne E. O'Reilly 5-2-13

Brianne E. O'Reilly Date
Forensic Toxicologist

~~CHRISTINE O. GREGOIRE~~
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13014

I, Asa J. Louis, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: B.S. degree in Biochemistry and over ten years of toxicology experience.

The external standard solution, Lot Number 13014, was prepared in the Washington State Toxicology Laboratory on 4/9/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 4/9/2014.

Seattle, WA

20130501

Asa J. Louis — Date

Forensic Toxicologist

~~CHRISTINE O. GREGOIRE~~
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13014

I, Brittany Ball, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biology and a Masters in Forensic Science.

The external standard solution, Lot Number 13014, was prepared in the Washington State Toxicology Laboratory on 4/9/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 4/9/2014.

Seattle, WA

Brittany Ball 4/29/13

Brittany Ball Date

Forensic Toxicologist

WSP-TLD **COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET**

FILE A COPY IN THE BATCH FILE FOR EACH SOLUTION LISTED ON THE WORKSHEET

Preparation Date: 4/9/13 Initials of Preparer: SMS

Expiration Date: 4/9/14

Lot # of 200-proof Ethanol used in preparation: 2BI0412

Date the 200-proof Ethanol bottle was opened: 3/20/13

After opening, each bottle of 200-proof Ethanol is approved for use for 6 months unless an extension is approved by the State Toxicologist. This timeframe applies to the 200-proof Ethanol only, not to simulator solutions which have a 1 year expiration.

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	☐	
QAP 0.08	22.4	18	☐	
QAP 0.10	28.1	18	☐	
QAP 0.15	42.0	18	☐	
ESS	66.5	52	☑	13014

Stir bar is rotating	☑	
Stirred for minimum 30 minutes; 2 hours for ESS	☑	
Spigot purged	☑	
Aliquot taken	☑	
Batch labeled, packaged and sealed	☑	4/9/13 Date

If different ethanol lot numbers are used in the preparation of solutions, record them and the corresponding solution batch numbers in the comments section.

Comments:

Analyst Signature

4/9/13
Date

Sequence Parameters:

Operator:	Sarah Swenson
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	130409S
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot# A088613 - exp 09/2016
0.10 Control - Lot# A090924 - exp 01/2017
0.20 Control - Lot# A084657 - exp 02/2016
n-Propanol ISTD - Lot# P0313 - exp 6/01/2013
0.079 Cal 1 - Lot# E0213-01 - exp 8/20/2013
0.158 Cal 2 - Lot# E0213-02 - exp 8/20/2013
0.316 Cal 3 - Lot# E0213-03 - exp 8/20/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	13014 #1	SIMALC1	1	Sample		
11	Vial 11	13014 #2	SIMALC1	1	Sample		
12	Vial 12	13014 #3	SIMALC1	1	Sample		
13	Vial 13	13014 #4	SIMALC1	1	Sample		
14	Vial 14	13014 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		

SK

-13014

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

Sequence: C:\HPCHEM\1\SEQUENCE\SSEXTSTD.S

Sequence Table (Back Injector):

No entries - empty table!

-13014

SMS

Method C:\HPCHEM\1\METHODS\SIMALC1.M

Calibration Table

Calib. Data Modified : Thursday, April 11, 2013 10:11:12 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	7.93800e-2	837.53772	9.47778e-5		1	Ethanol
		2	1.59660e-1	1728.49304	9.23695e-5			
		3	3.19080e-1	3404.89014	9.37123e-5			
1.704	1	1	1.20000e-2	2035.37463	5.89572e-6		I1	n-Propanol
		2	1.20000e-2	2280.42261	5.26218e-6			
		3	1.20000e-2	2273.80005	5.27751e-6			

Peak Sum Table

No Entries in table

-13014

SMS

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Calibration Curves

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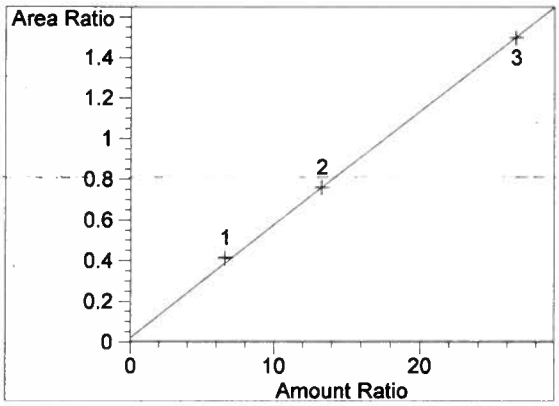
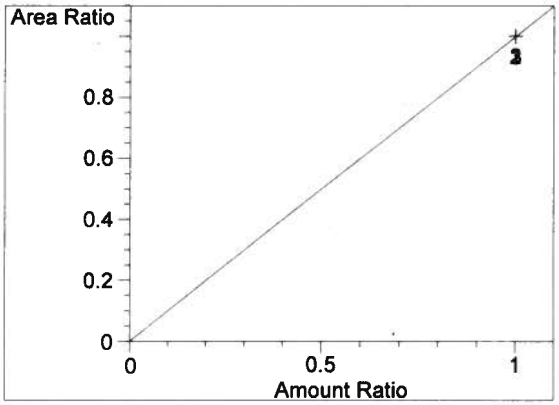


Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99961
Residual Std. Dev.: 0.02170
Formula: y = mx + b
m: 5.58491e-2
b: 1.73406e-2
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.704
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

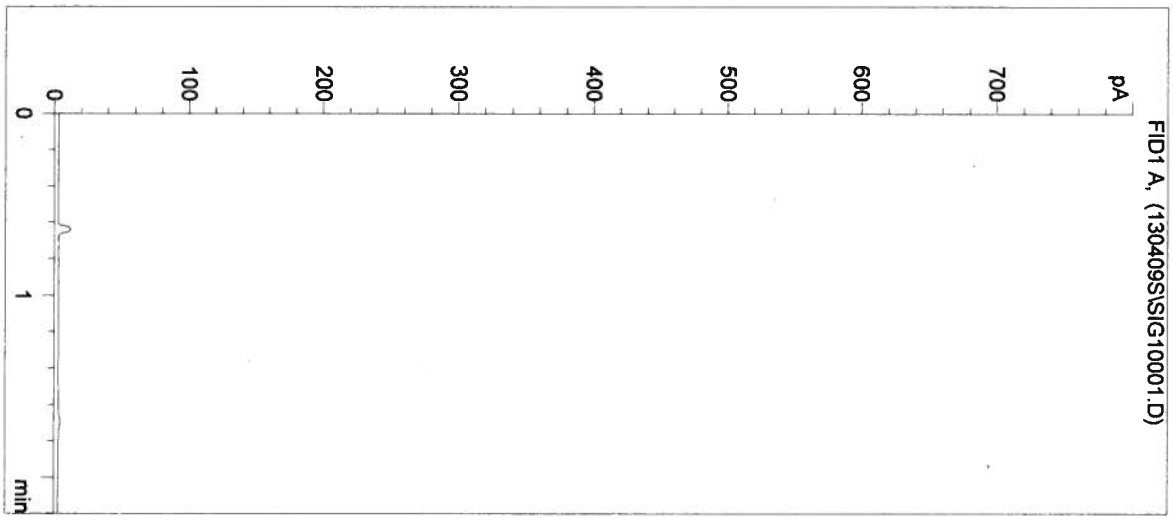
-13014

SMS

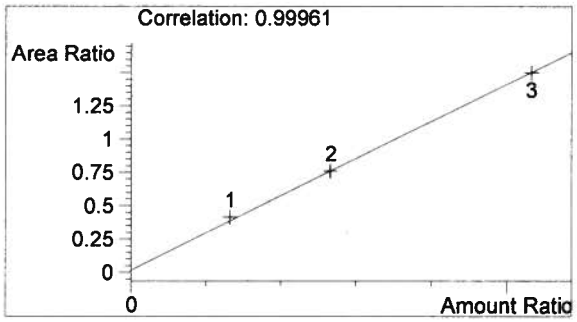
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2013 2:28:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

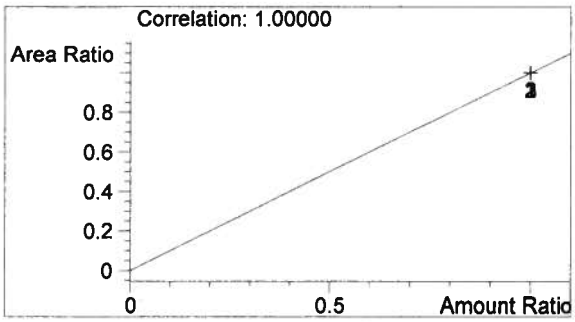
Sample Name: BLANK
Operator: Sarah Swenson
Location: Vial 1



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

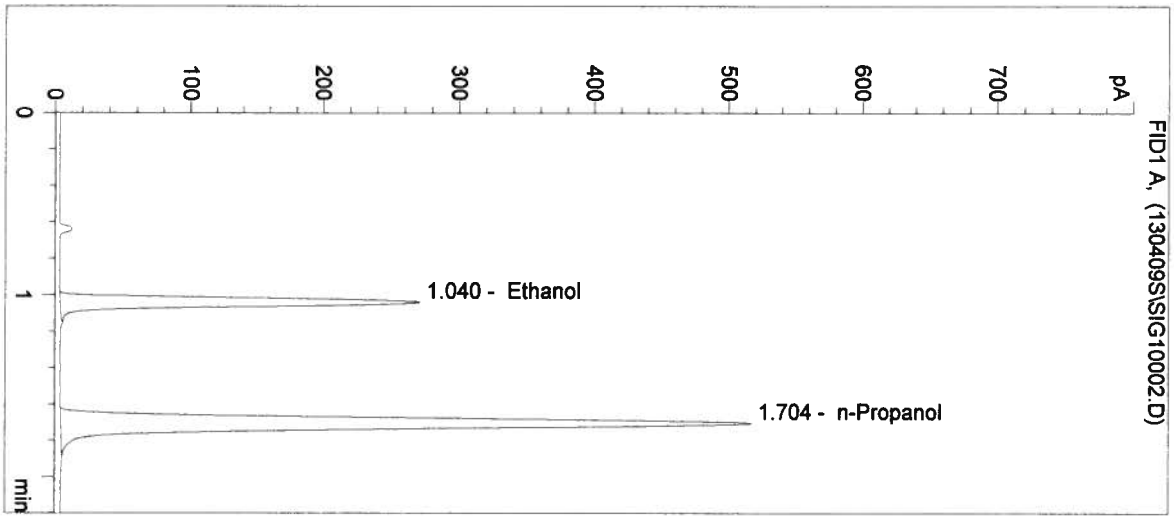
-13014

SMS

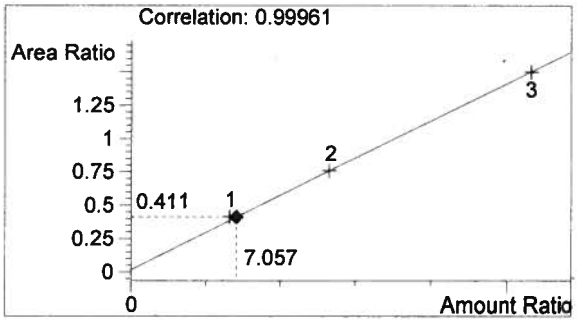
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2013 2:31:21 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

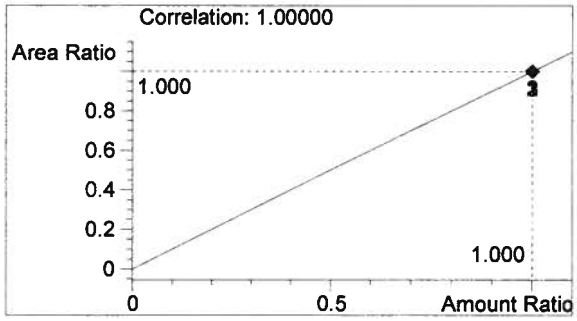
Sample Name: 0.079 CAL 1
Operator: Sarah Swenson
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	838	1.040
2	n-Propanol	2035	1.704



Ethanol 0.085 g/100mL



n-Propanol 0.012 g/100mL

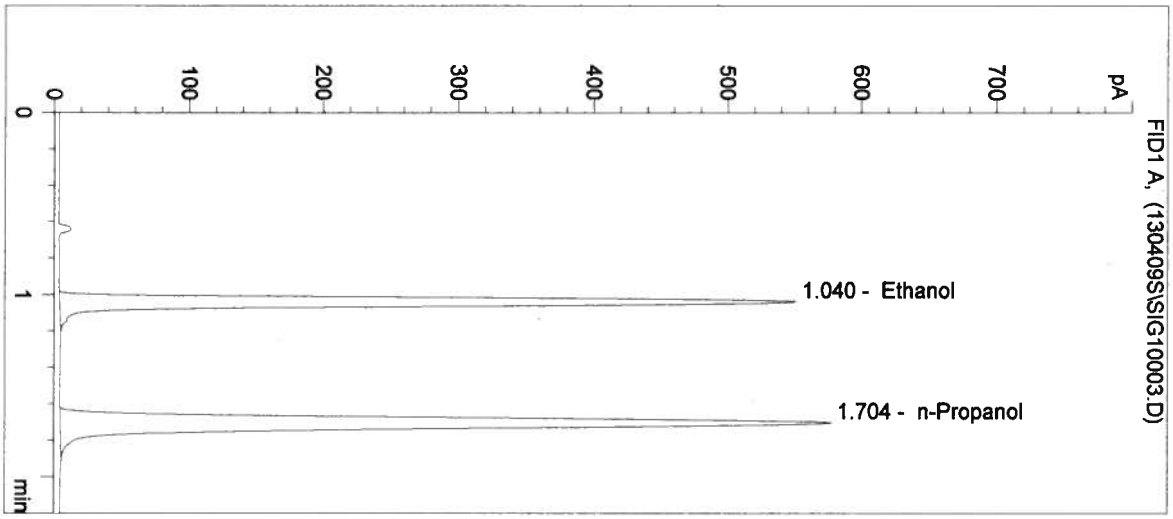
-13014

SMS

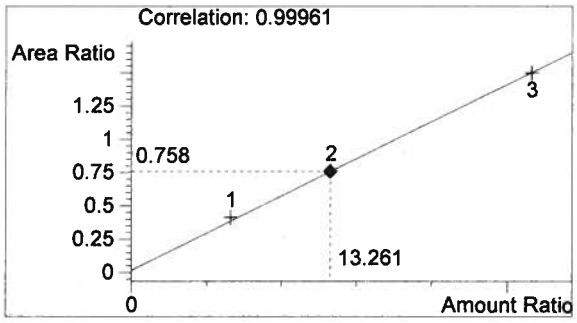
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2013 2:34:26 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

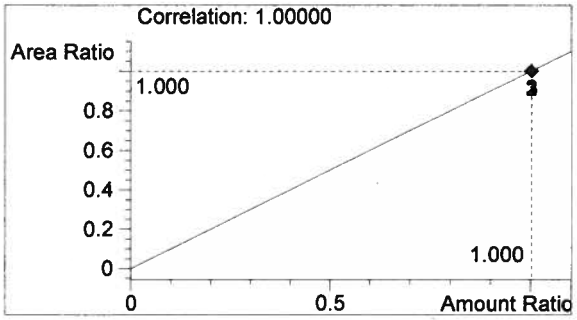
Sample Name: 0.158 CAL 2
Operator: Sarah Swenson
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1728	1.040
2	n-Propanol	2280	1.704



Ethanol 0.159 g/100mL



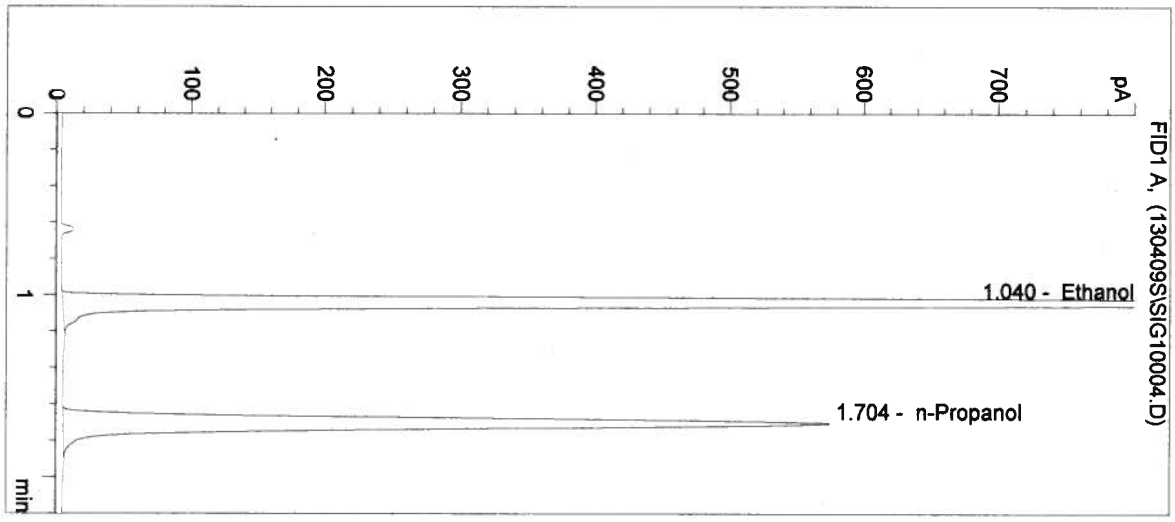
n-Propanol 0.012 g/100mL

-13014

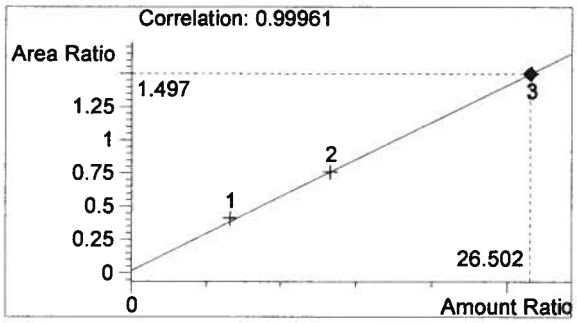
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2013 2:37:31 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

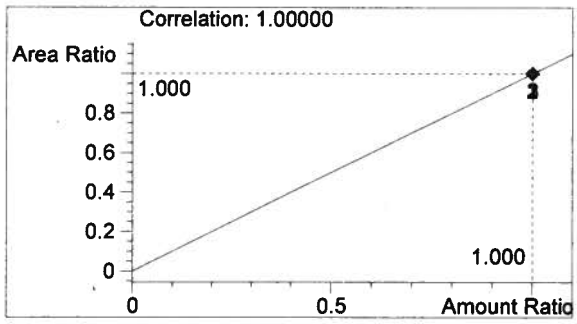
Sample Name: 0.316 CAL 3
Operator: Sarah Swenson
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3405	1.040
2	n-Propanol	2274	1.704



Ethanol 0.318 g/100mL



n-Propanol 0.012 g/100mL

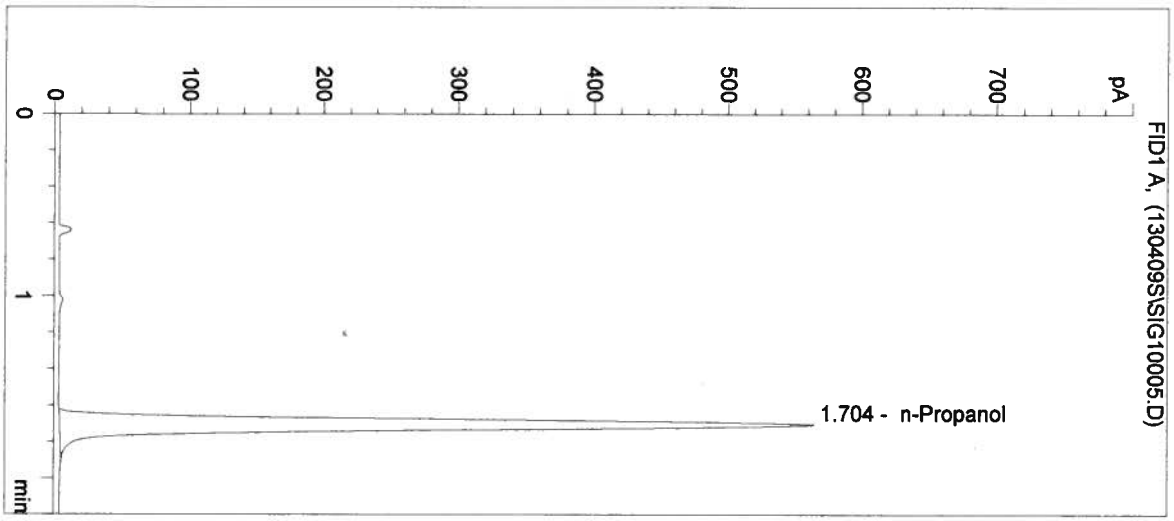
-13014

SMS

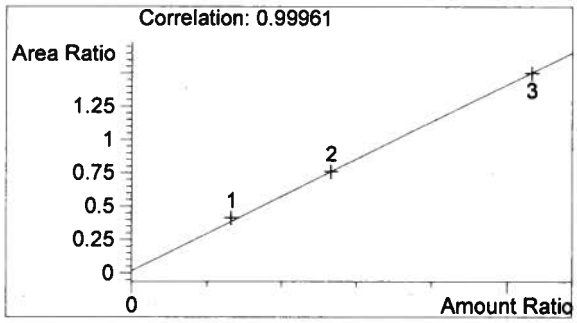
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2013 2:40:35 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

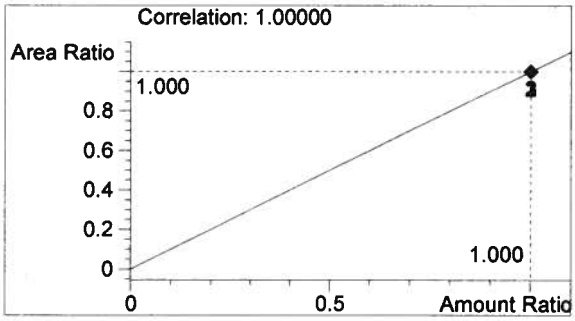
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2222	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

-13014

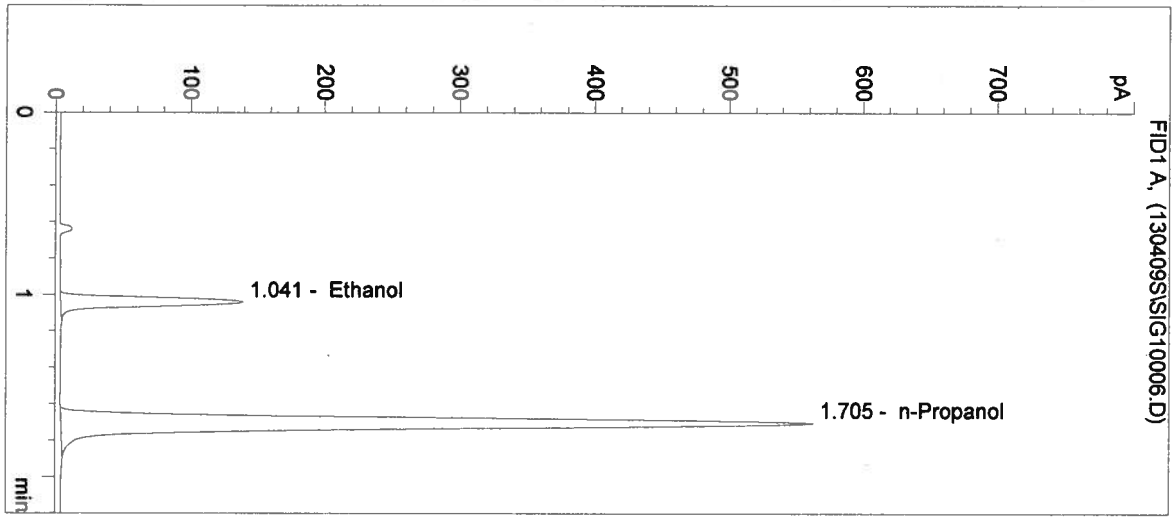
SJS

Data File: C:\HPCHEM\1\DATA\130409S\SIG10005.D

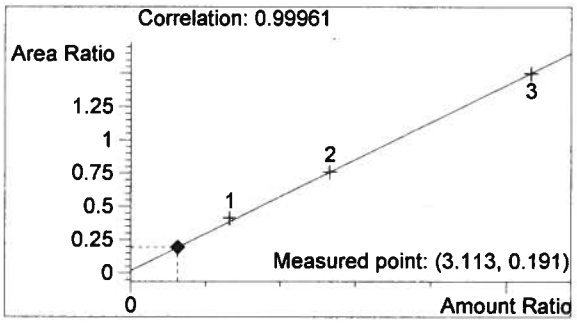
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2013 2:43:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

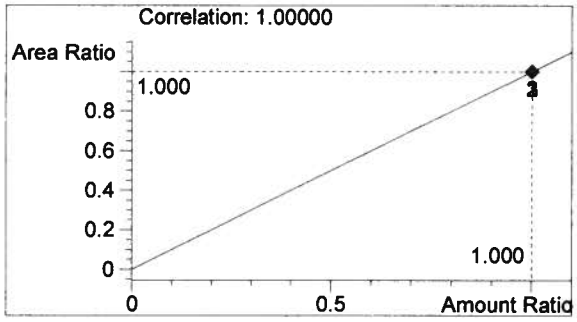
Sample Name: 0.04 CTRL
Operator: Sarah Swenson
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	424	1.041
2	n-Propanol	2220	1.705



Ethanol 0.037 g/100mL



n-Propanol 0.012 g/100mL

-13014

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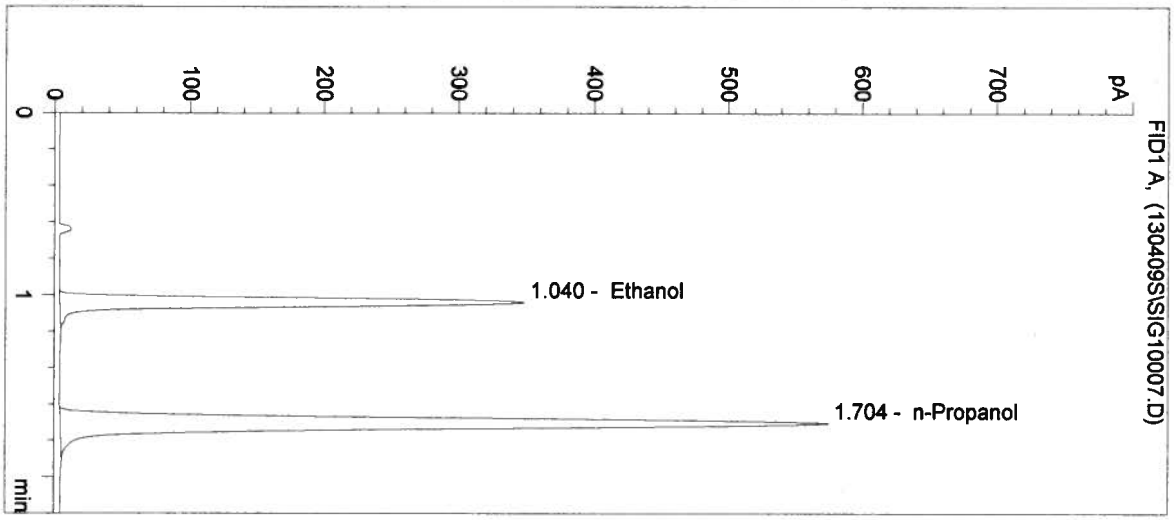
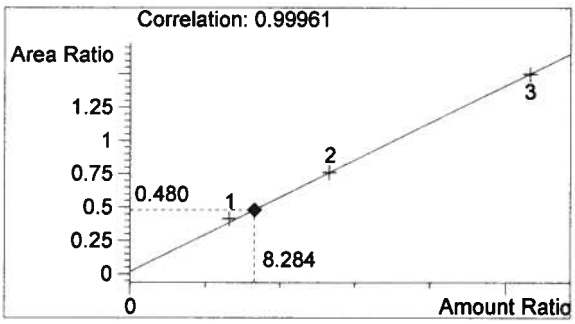
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2013 2:46:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

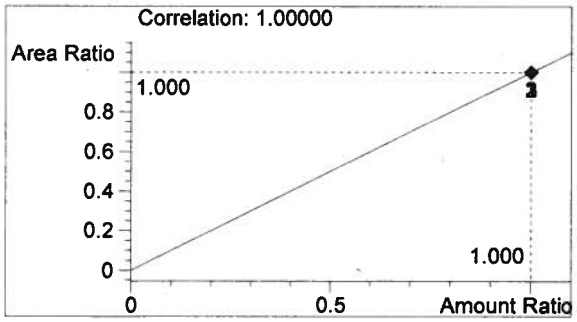
Sample Name: 0.10 CTRL
Operator: Sarah Swenson
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1094	1.040
2	n-Propanol	2278	1.704



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

-13014

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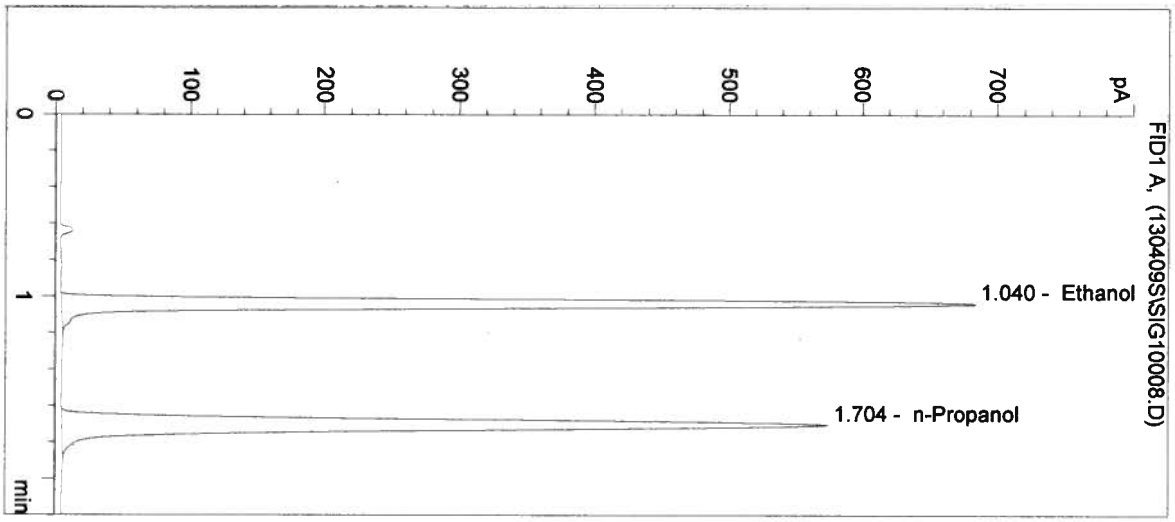
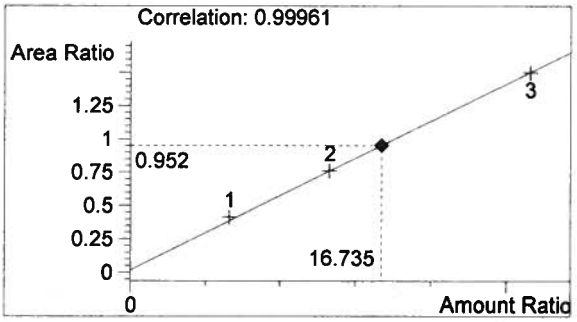
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2013 2:49:49 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

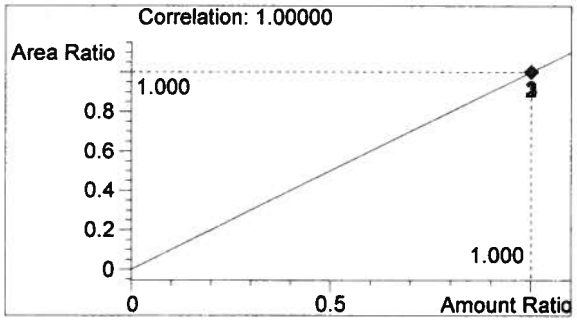
Sample Name: 0.20 CTRL
Operator: Sarah Swenson
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2166	1.040
2	n-Propanol	2275	1.704



Ethanol 0.201 g/100mL



n-Propanol 0.012 g/100mL

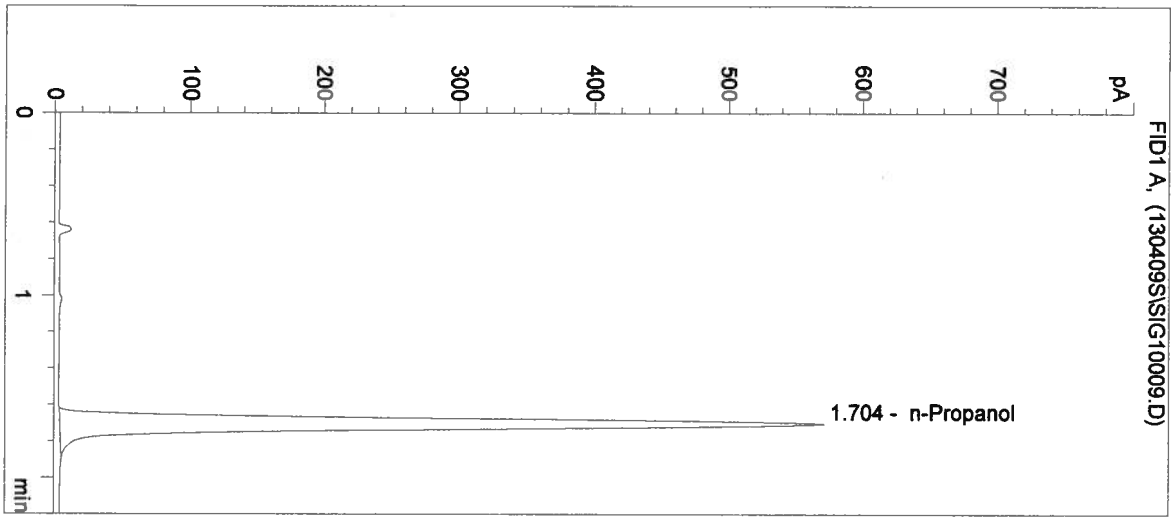
-13014

SJS

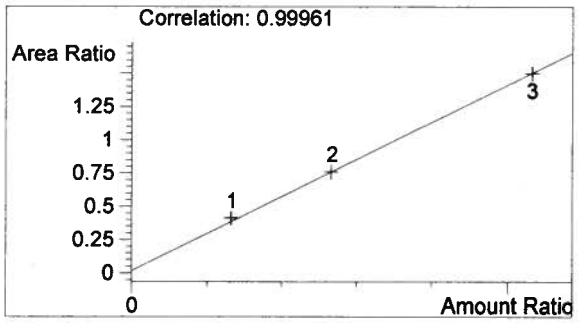
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2013 2:52:54 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

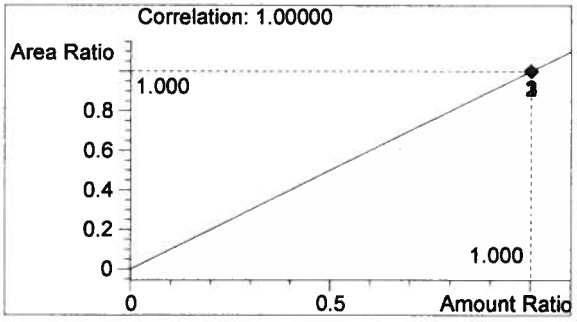
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2268	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

-13014

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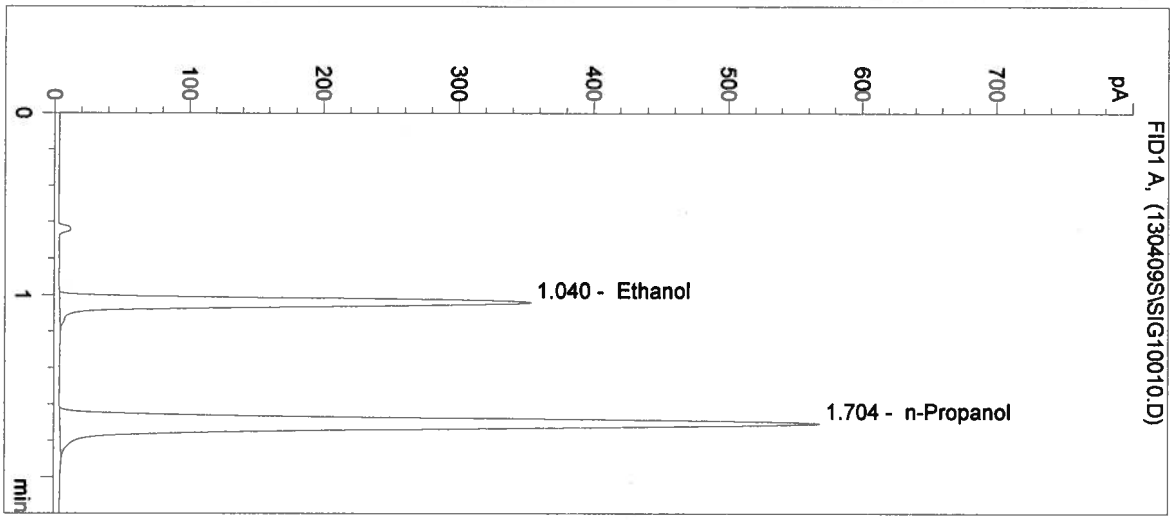
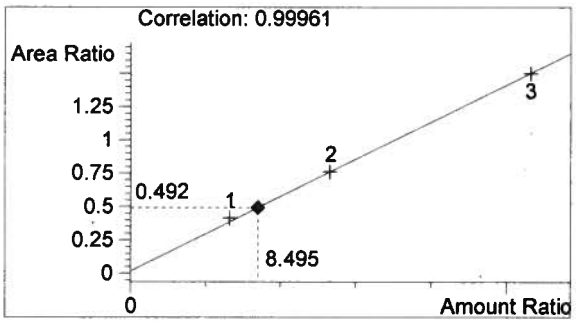
Inj. Date: 4/9/2013 2:55:59 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

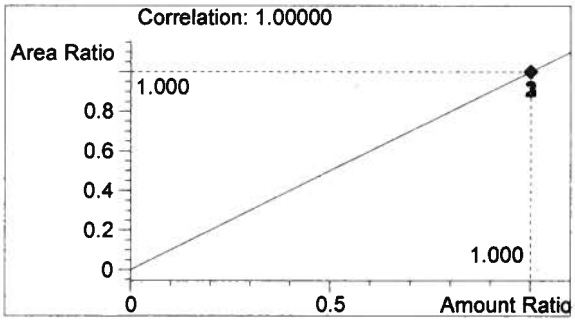
Sample Name: 13014 #1
Operator: Sarah Swenson
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1100	1.040
2	n-Propanol	2237	1.704



Ethanol 0.102 g/100mL



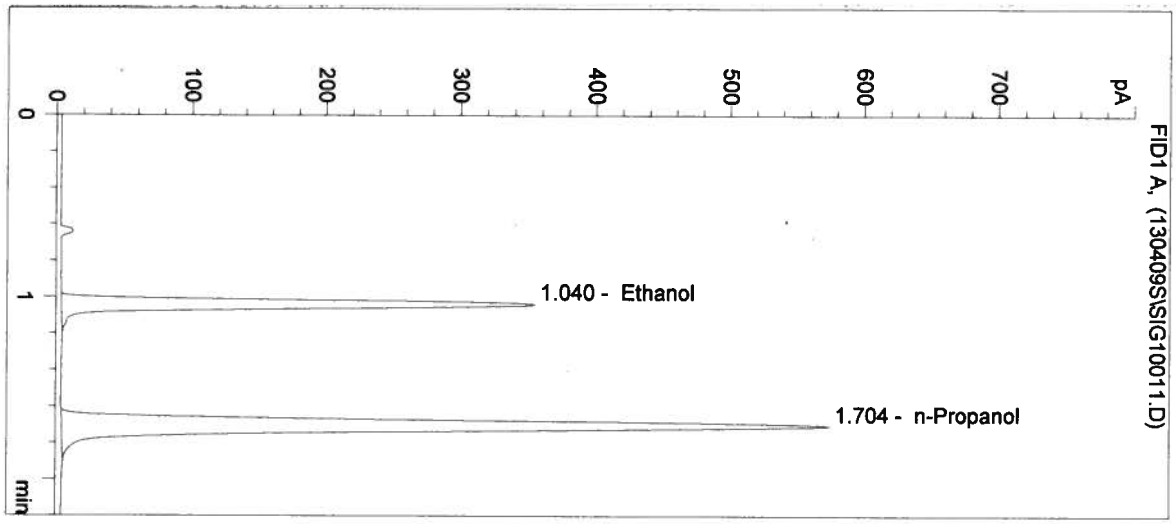
n-Propanol 0.012 g/100mL

SMS

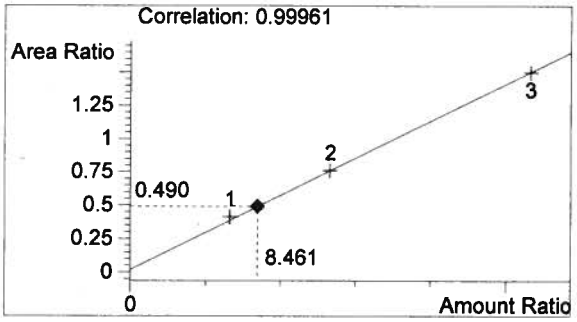
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2013 2:59:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

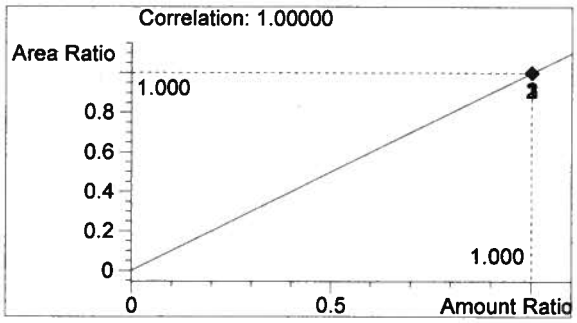
Sample Name: 13014 #2
Operator: Sarah Swenson
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1111	1.040
2	n-Propanol	2268	1.704



Ethanol 0.102 g/100mL



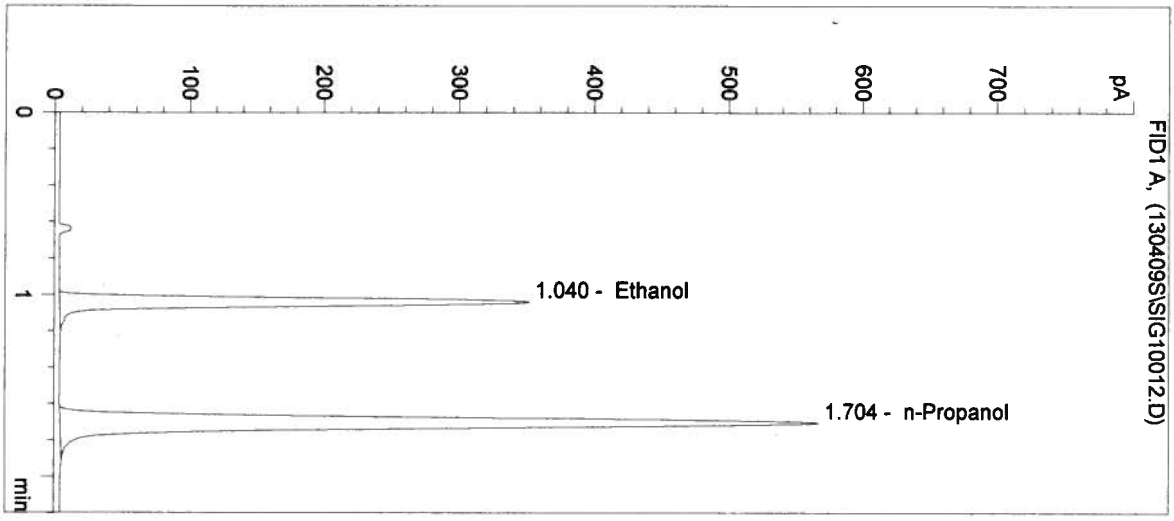
n-Propanol 0.012 g/100mL

SJS

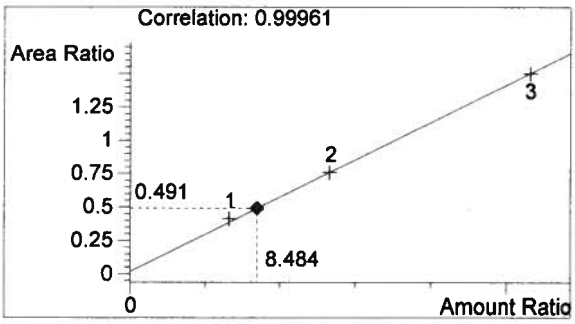
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2013 3:02:08 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

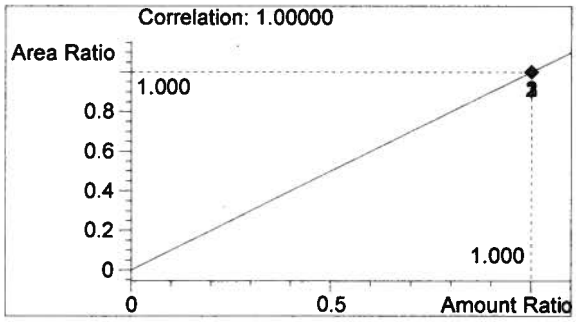
Sample Name: 13014 #3
Operator: Sarah Swenson
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1099	1.040
2	n-Propanol	2238	1.704



Ethanol 0.102 g/100mL



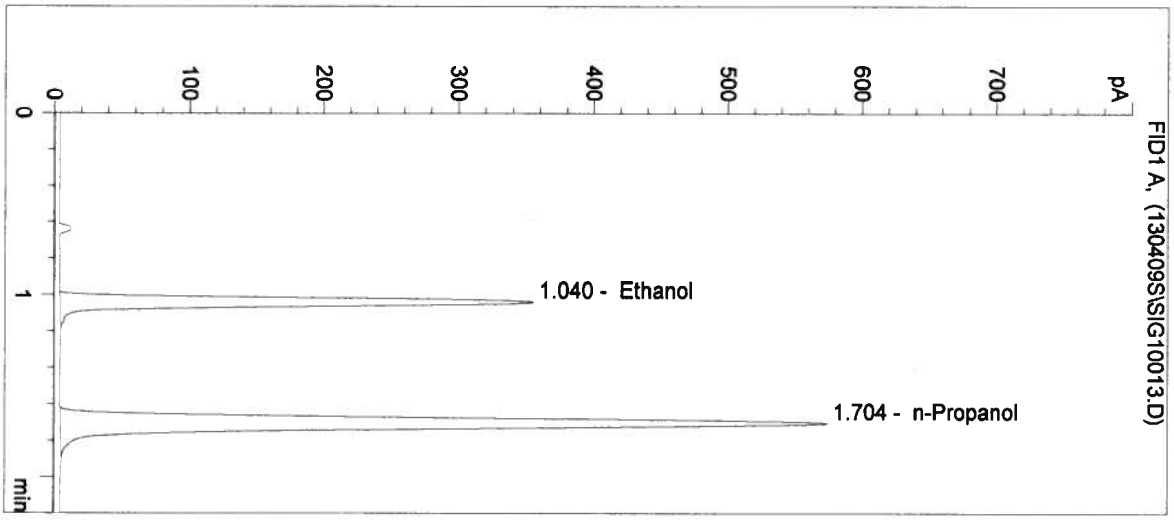
n-Propanol 0.012 g/100mL

SMS

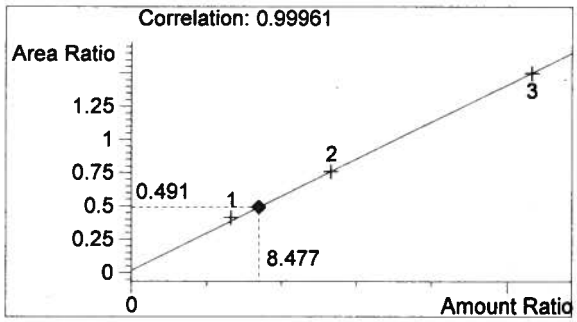
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2013 3:05:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

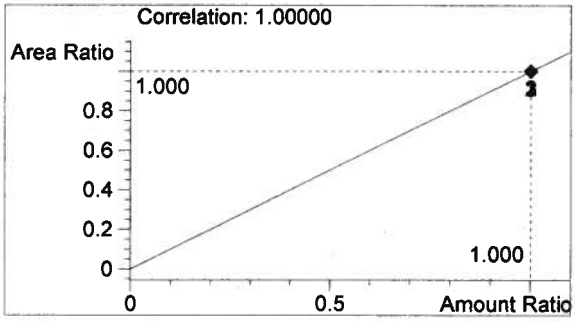
Sample Name: 13014 #4
Operator: Sarah Swenson
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.040
2	n-Propanol	2273	1.704



Ethanol 0.102 g/100mL

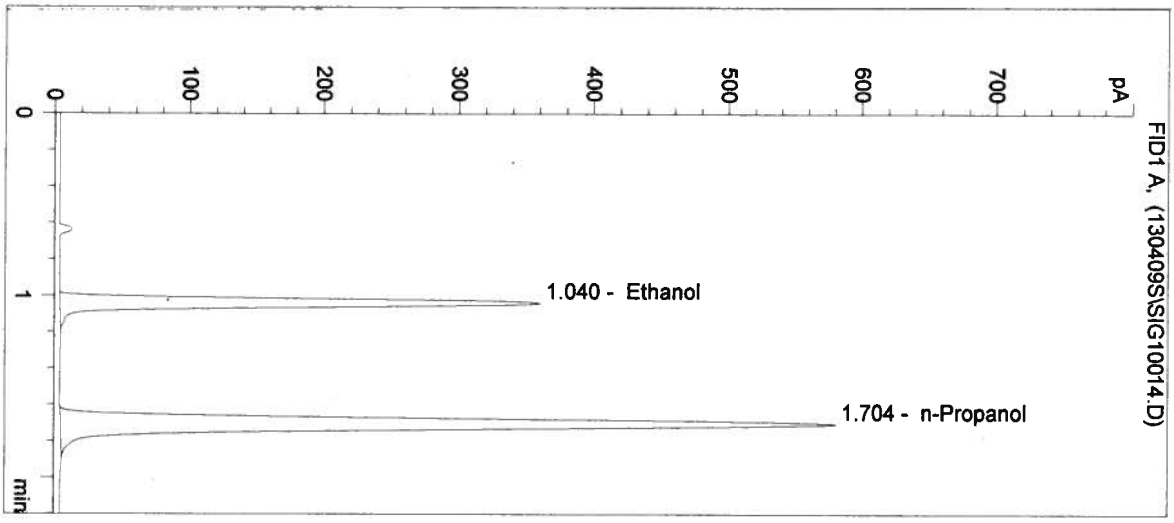


n-Propanol 0.012 g/100mL

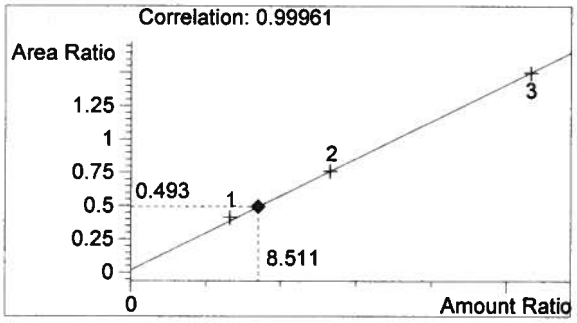
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2013 3:08:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

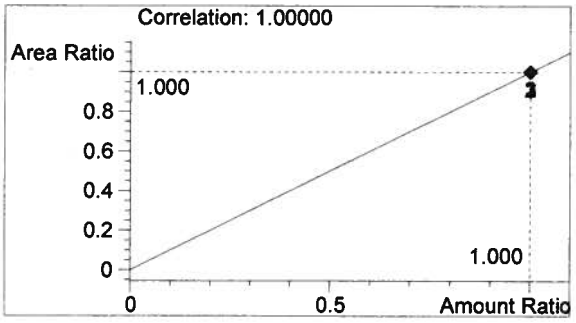
Sample Name: 13014 #5
Operator: Sarah Swenson
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1128	1.040
2	n-Propanol	2290	1.704



Ethanol 0.102 g/100mL



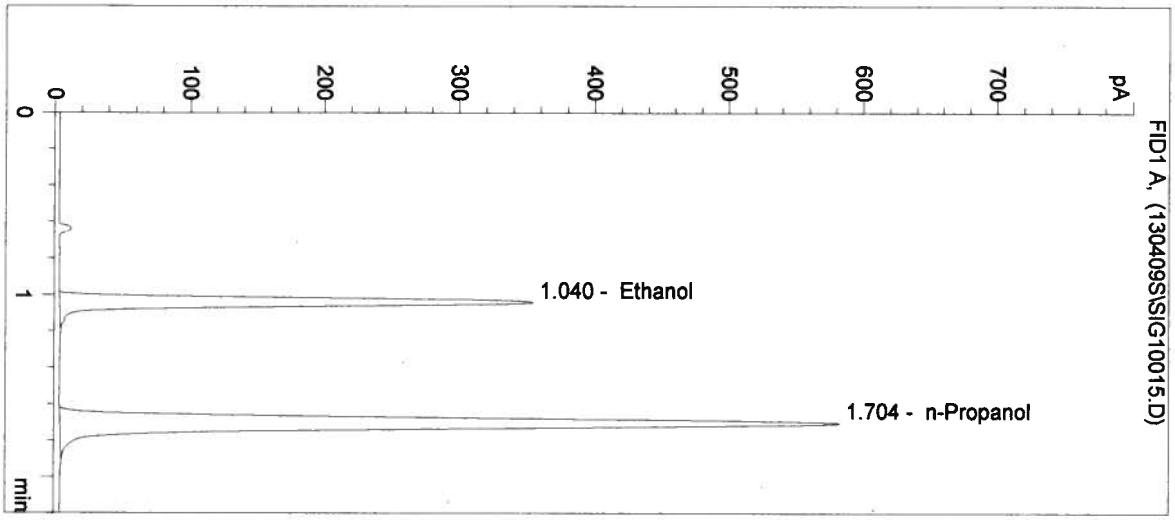
n-Propanol 0.012 g/100mL

SJS

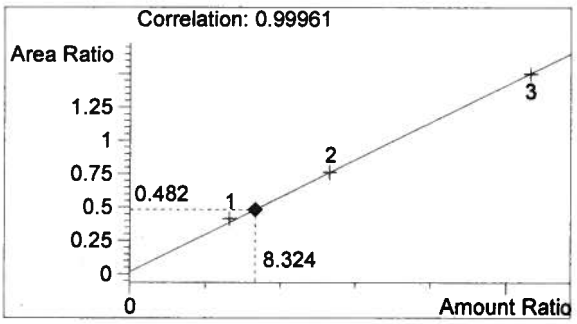
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2013 3:11:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

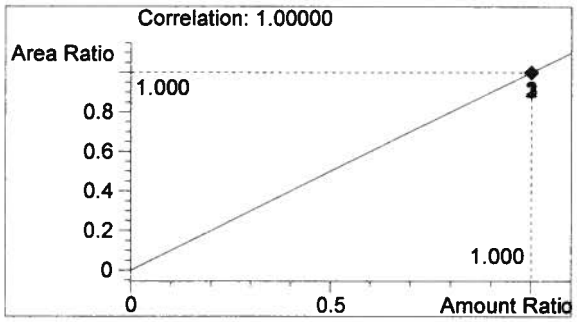
Sample Name: 0.10 CTRL
Operator: Sarah Swenson
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1109	1.040
2	n-Propanol	2299	1.704



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

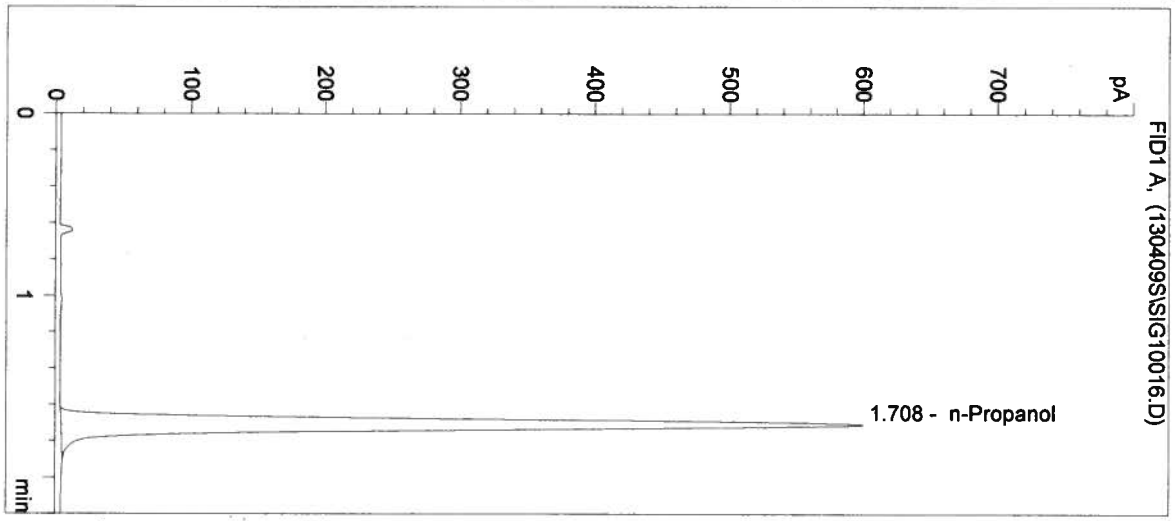
-13014

SMS

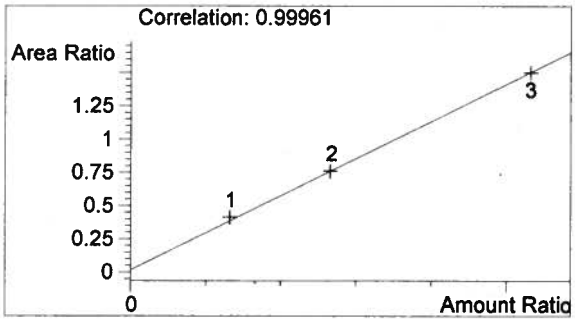
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2013 3:14:27 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

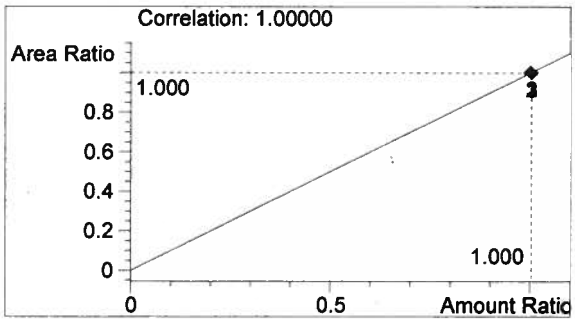
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2379	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

-13014

SMS

Sequence: C:\HPCHEM\1\SEQUENCE\JKEXTSTD.S

Sequence Parameters:

Operator:	Justin Knoy
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	130410JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0213-01 - Exp. 08/20/2013
Ethanol Calibrator 2, E0213-02 - Exp. 08/20/2013
Ethanol Calibrator 3, E0213-03 - Exp. 08/20/2013
CTRL1 (0.04g/100mL), Lot # A088613 - Exp. 09/2016
CTRL2 (0.10g/100mL), Lot # A090924 - Exp. 01/2017
CTRL3 (0.20g/100mL), Lot # A084657 - Exp. 02/2016

Internal Standard Lot#P0313 - Exp. 06/01/13

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC1	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC1	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
10	Vial 10	13014-1	SIMALC1	1	Sample		
11	Vial 11	13014-2	SIMALC1	1	Sample		
12	Vial 12	13014-3	SIMALC1	1	Sample		
13	Vial 13	13014-4	SIMALC1	1	Sample		
14	Vial 14	13014-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC1	1	Ctrl Samp		

F 1 3 0 1 4

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	CAL1 0.079	SIMALC1	1	Replace	Replace	
3	Vial 3	CAL2 0.158	SIMALC1	2	Replace	Replace	
4	Vial 4	CAL3 0.316	SIMALC1	3	Replace	Replace	

Sequence: C:\HPCHEM\1\SEQUENCE\JKEXTSTD.S

Sequence Table (Back Injector):

No entries - empty table!

-13014

Method C:\HPCHEM\1\METHODS\SIMALC1.M

Calibration Table

Calib. Data Modified : Wednesday, April 10, 2013 9:03:59 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	7.93800e-2	828.71924	9.57864e-5	1		Ethanol
		2	1.59660e-1	1701.41626	9.38395e-5			
		3	3.19080e-1	3372.81177	9.46036e-5			
1.705	1	1	1.20000e-2	2239.83179	5.35755e-6	I1		n-Propanol
		2	1.20000e-2	2245.45898	5.34412e-6			
		3	1.20000e-2	2254.07080	5.32370e-6			

Peak Sum Table

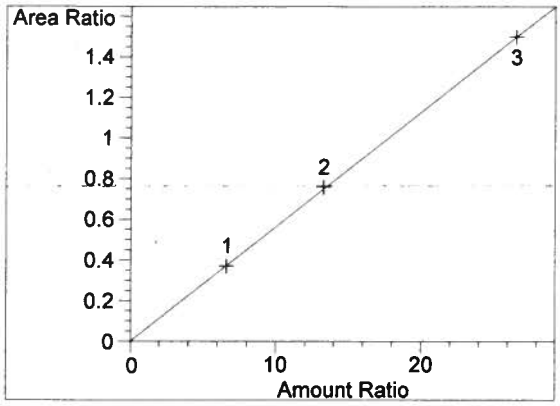
No Entries in table

-13014

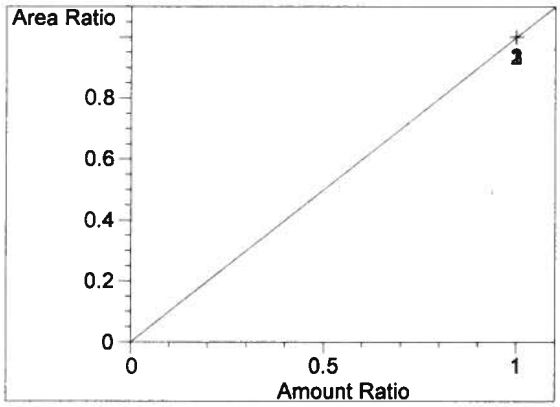
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00603
Formula: y = mx + b
m: 5.63420e-2
b: 8.89570e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.705
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

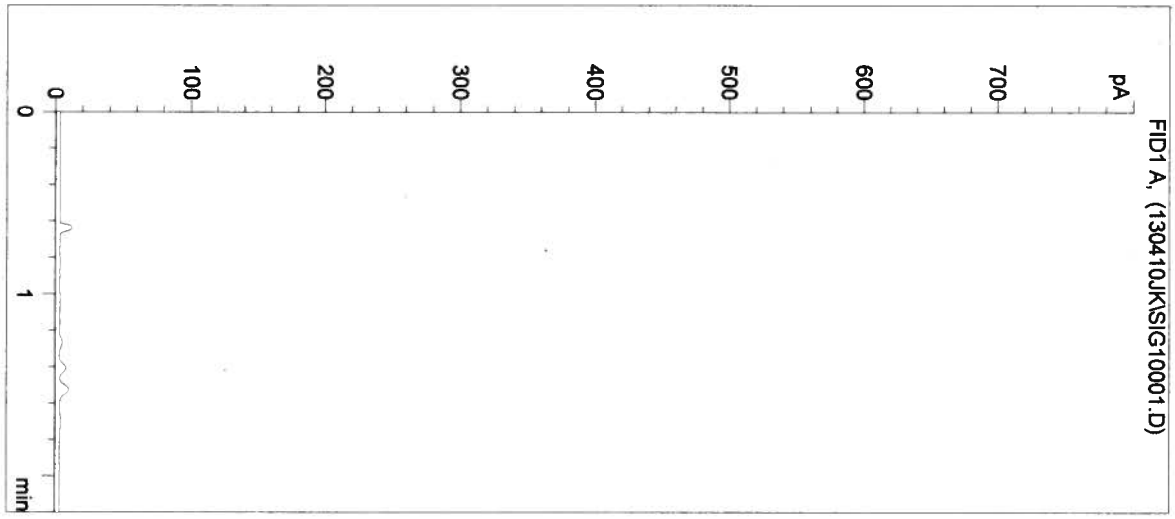
==========

-13014

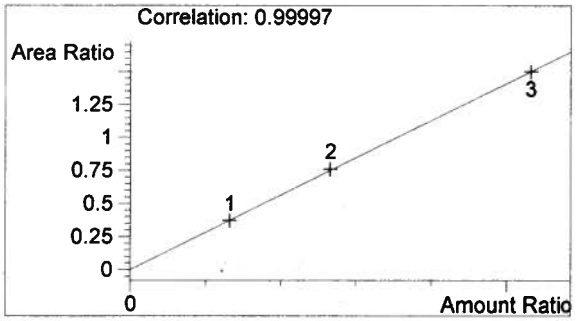
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/10/2013 8:52:32 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

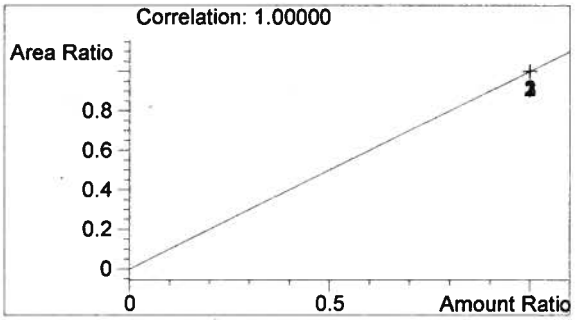
Sample Name: BLANK
Operator: Justin Knoy
Location: Vial 1



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL



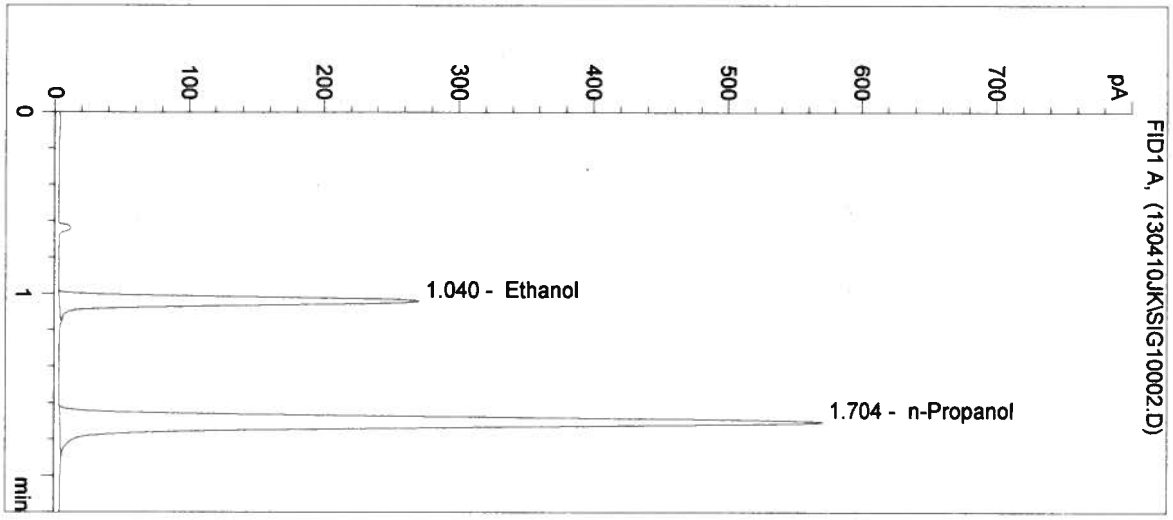
n-Propanol 0.000 g/100mL

-13014

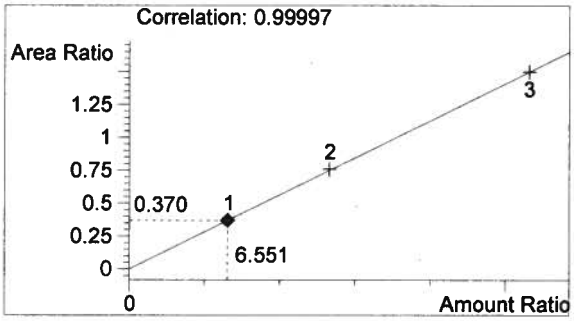
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/10/2013 8:55:37 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0213-01 - (0.079g/100mL)

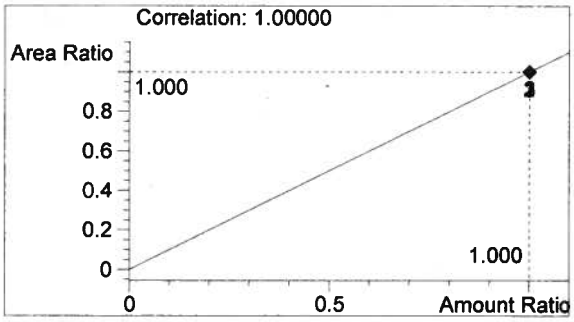
Sample Name: CAL1 0.079
Operator: Justin Knoy
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	829	1.040
2	n-Propanol	2240	1.704



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

-13014

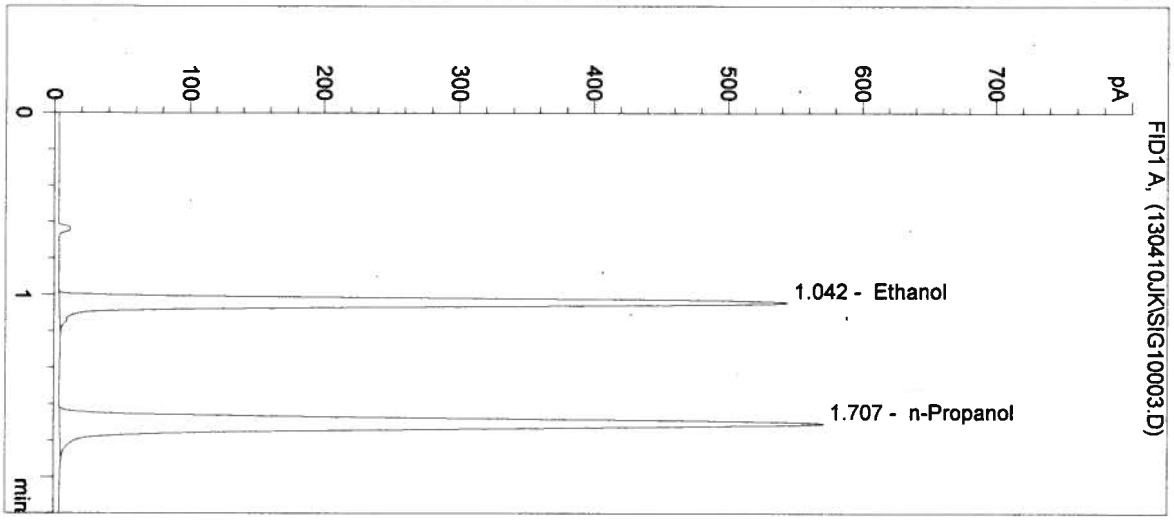
SK

Data File: C:\HPCHEM\1\DATA\130410JK\SIG10002.D

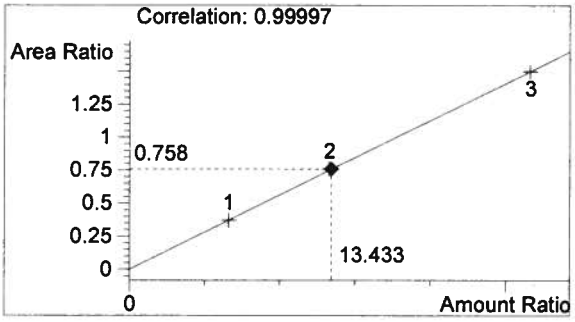
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/10/2013 8:58:41 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0213-02 - (0.158g/100mL)

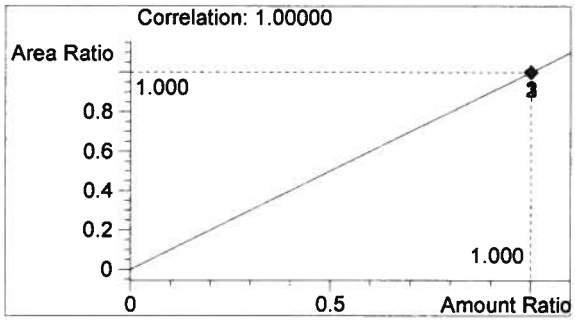
Sample Name: CAL2 0.158
Operator: Justin Knoy
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1701	1.042
2	n-Propanol	2245	1.707



Ethanol 0.161 g/100mL



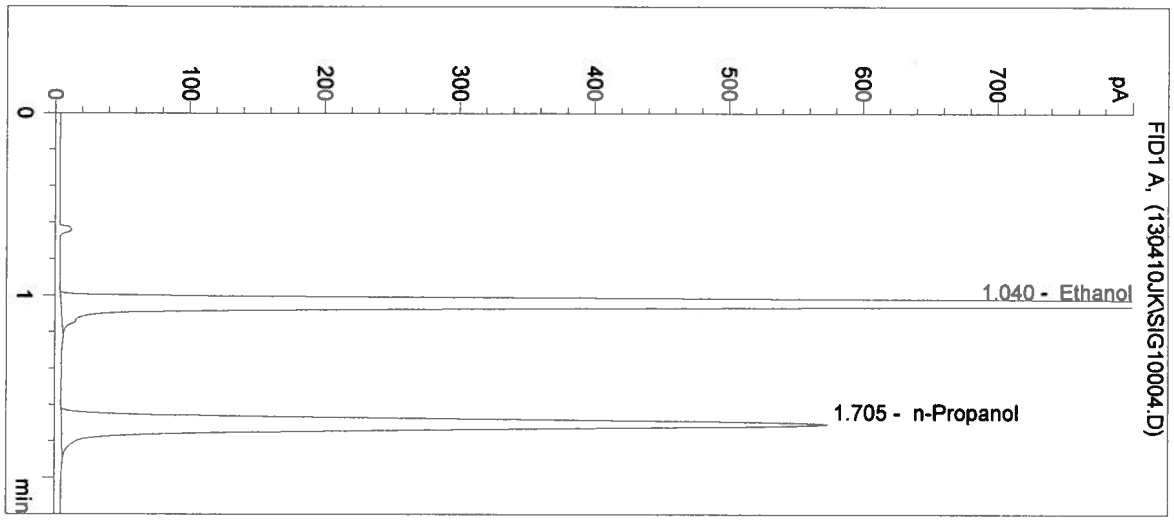
n-Propanol 0.012 g/100mL

F13014

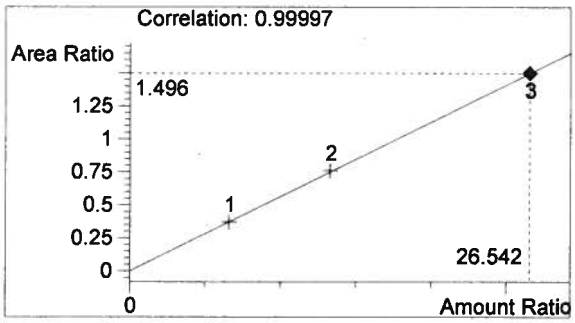
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/10/2013 9:01:46 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0213-03 - (0.316g/100mL)

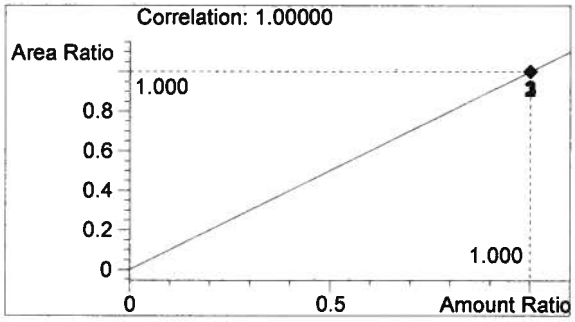
Sample Name: CAL3 0.316
Operator: Justin Knoy
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3373	1.040
2	n-Propanol	2254	1.705



Ethanol 0.319 g/100mL



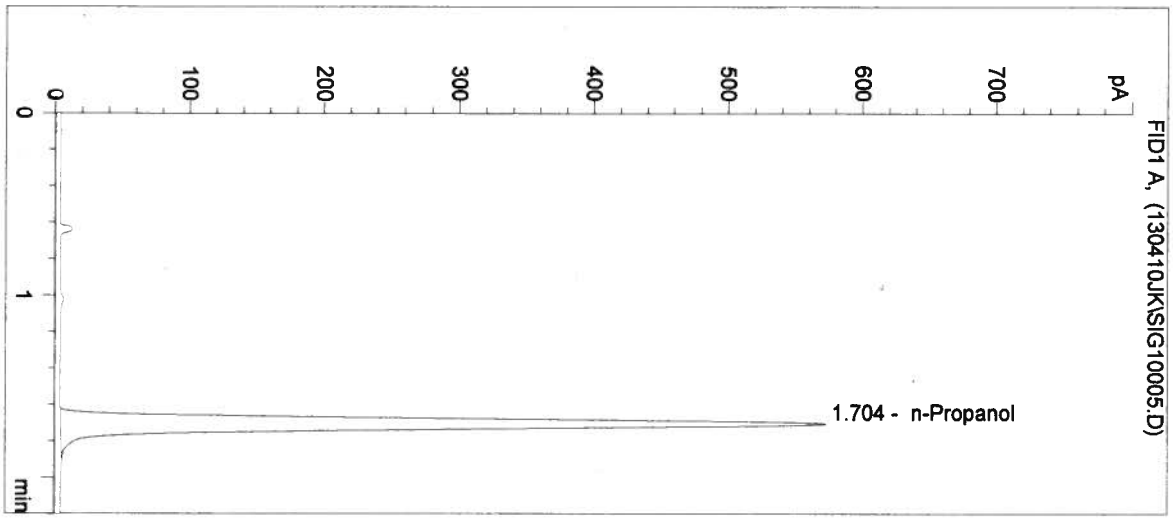
n-Propanol 0.012 g/100mL

-13014

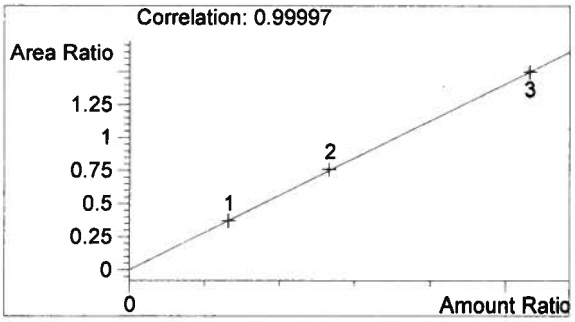
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/10/2013 9:04:51 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

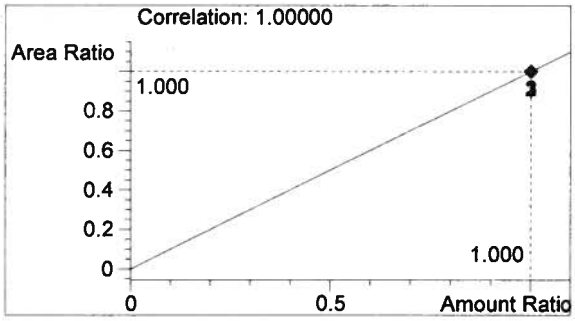
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2250	1.704



Ethanol 0.000 g/100mL



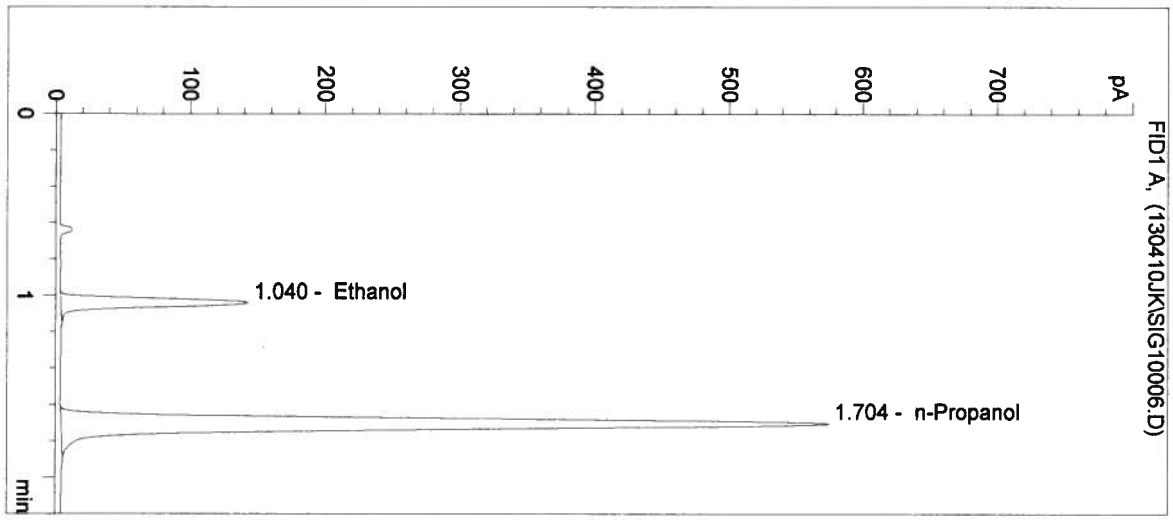
n-Propanol 0.012 g/100mL

-13014

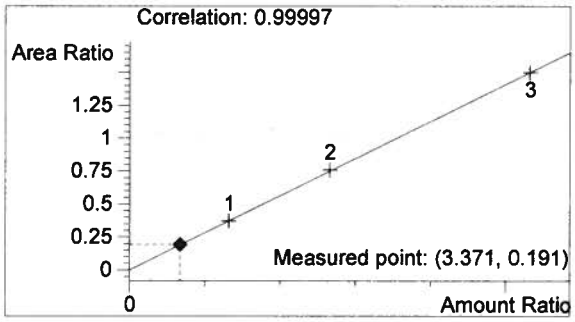
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/10/2013 9:07:55 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.04g/100mL

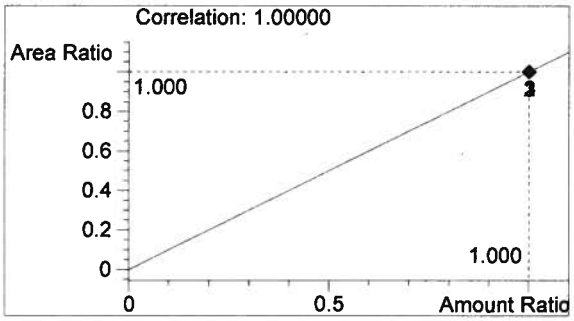
Sample Name: 0.04 CTRL JK
Operator: Justin Knoy
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	433	1.040
2	n-Propanol	2267	1.704



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

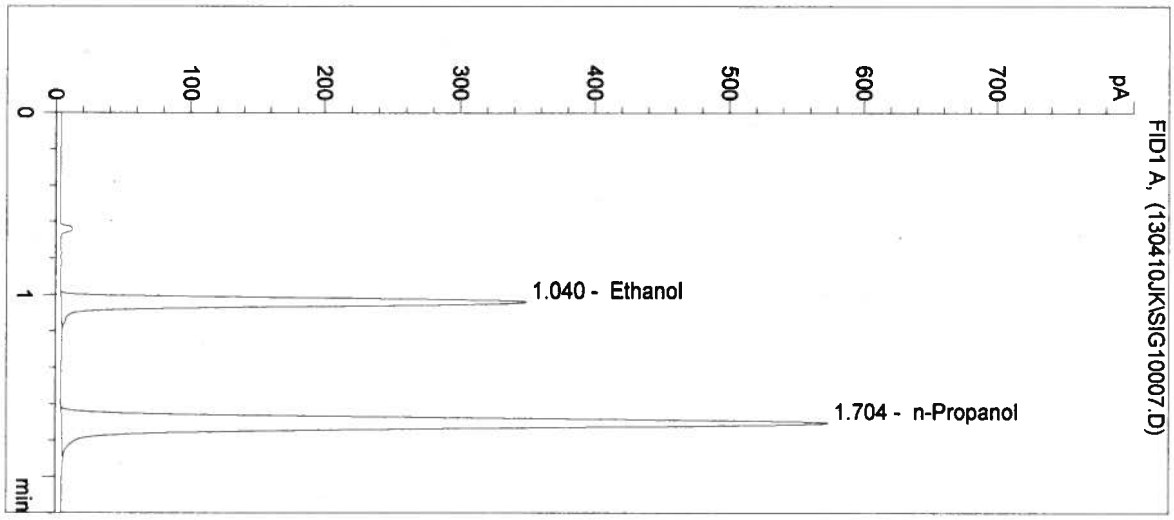
-13014

Data File: C:\HPCHEM\1\DATA\130410JK\SIG10006.D

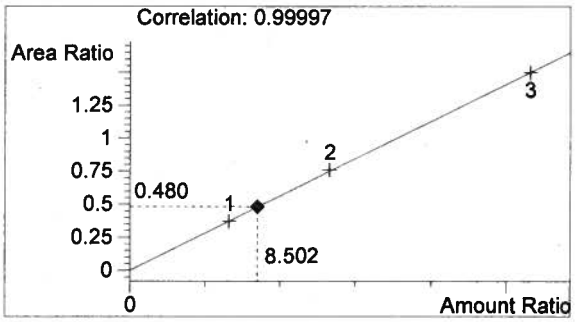
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/10/2013 9:11:00 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

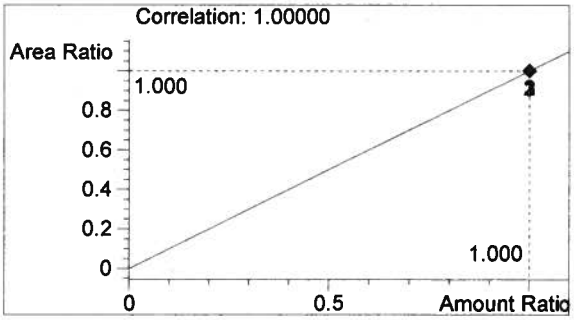
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1086	1.040
2	n-Propanol	2263	1.704



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

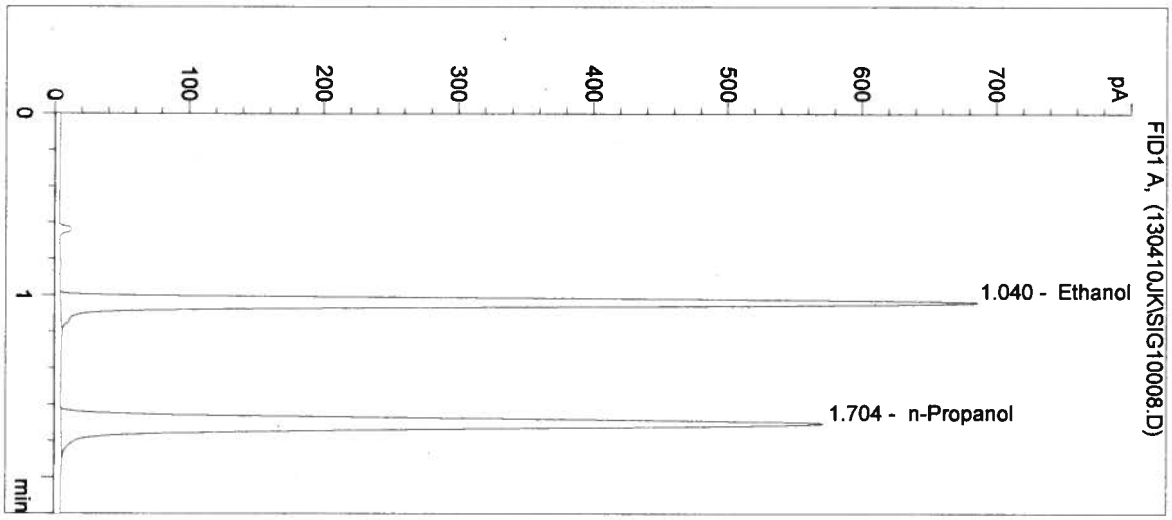
-13014

Data File: C:\HPCHEM\1\DATA\130410JK\SIG10007.D

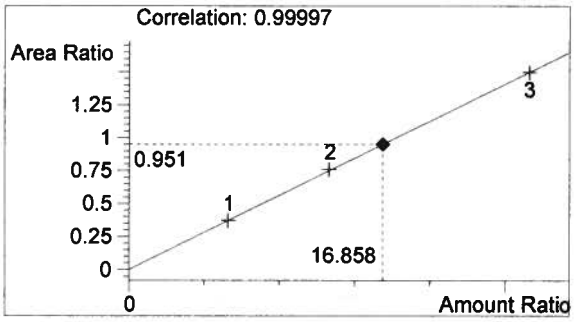
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/10/2013 9:14:05 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.20g/100mL

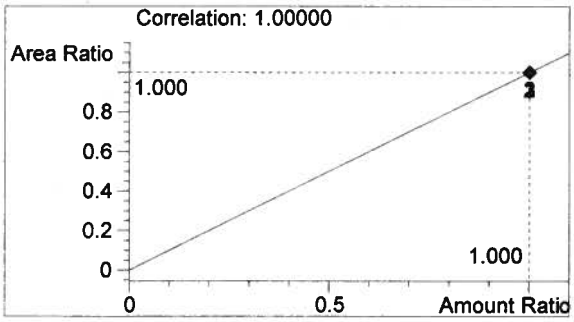
Sample Name: 0.20 CTRL JK
Operator: Justin Knoy
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2139	1.040
2	n-Propanol	2250	1.704



Ethanol 0.202 g/100mL



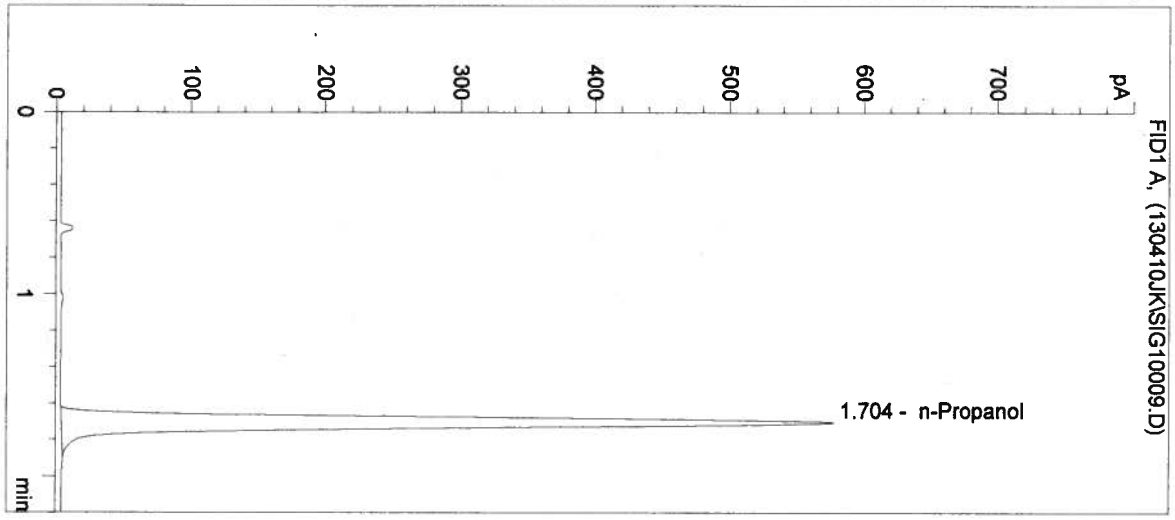
n-Propanol 0.012 g/100mL

-13014

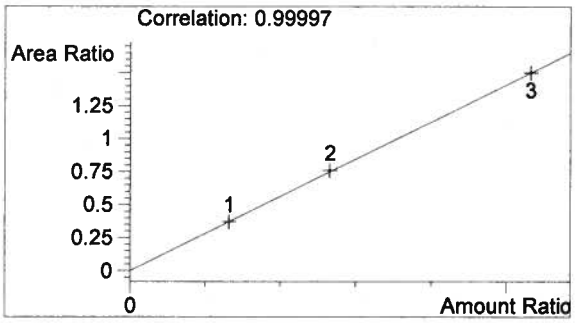
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/10/2013 9:17:10 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

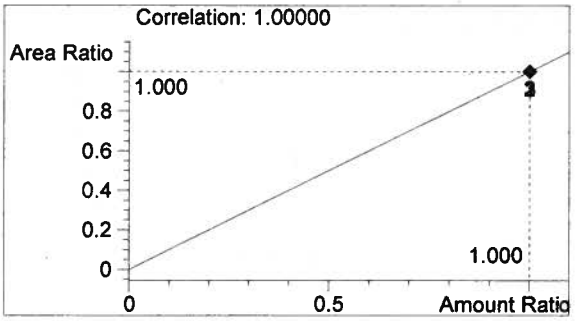
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2281	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

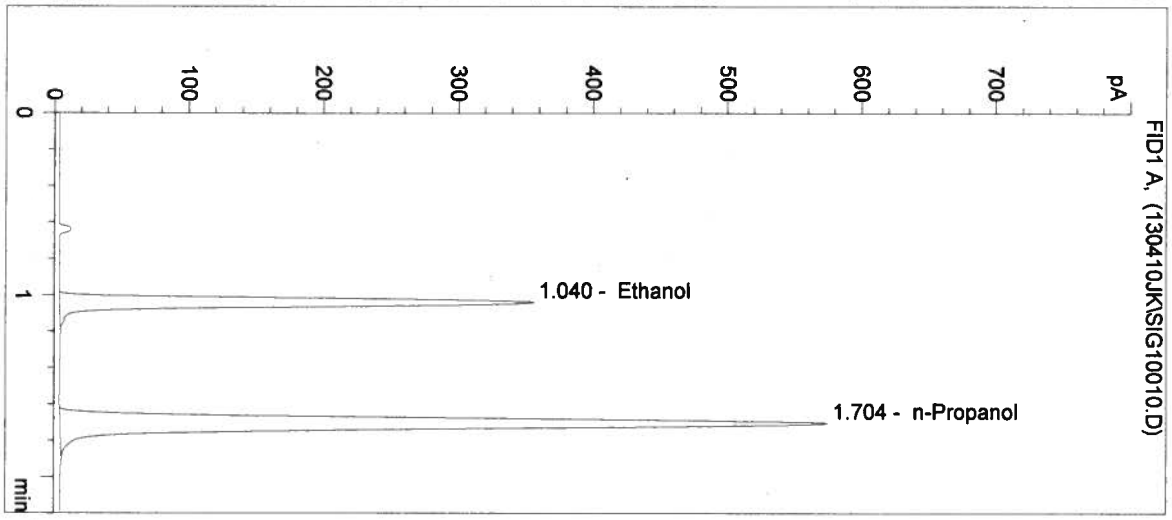
-13014

Data File: C:\HPCHEM\1\DATA\130410JK\SIG10009.D

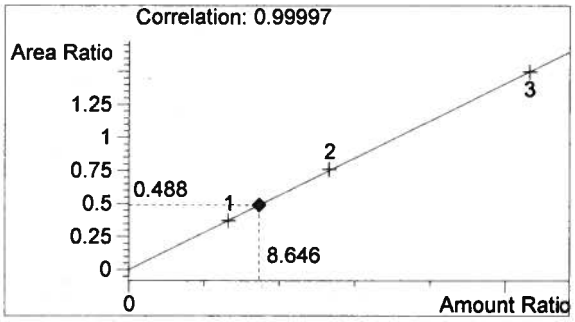
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/10/2013 9:20:14 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

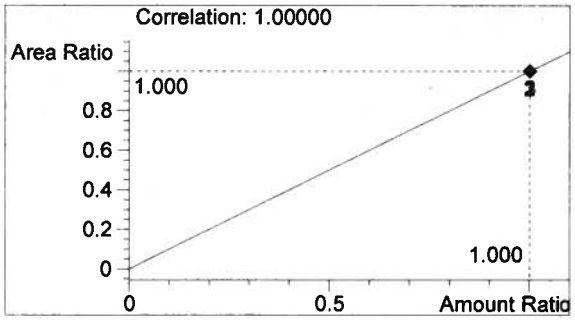
Sample Name: 13014-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.040
2	n-Propanol	2266	1.704



Ethanol 0.104 g/100mL

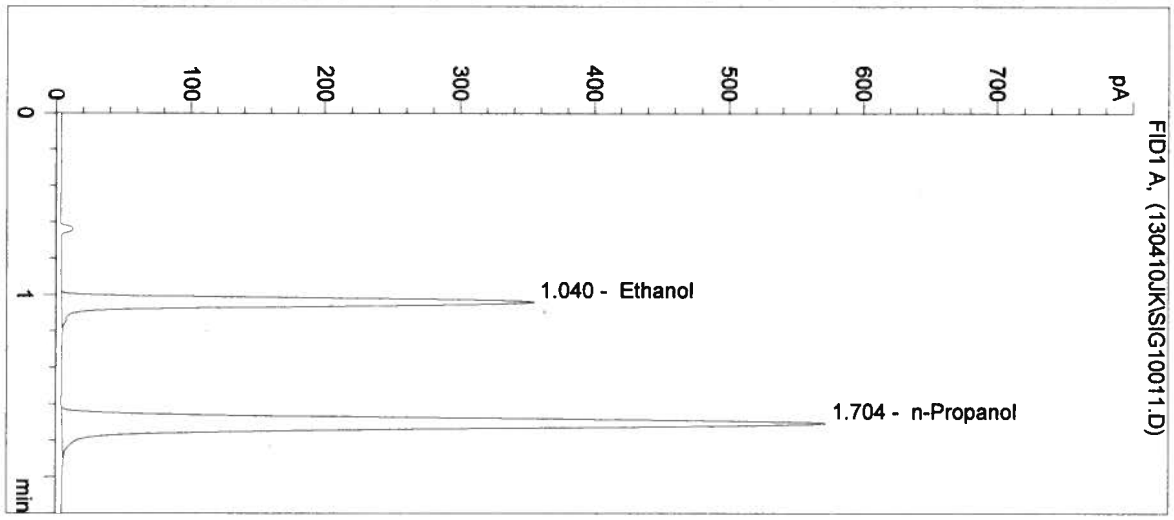


n-Propanol 0.012 g/100mL

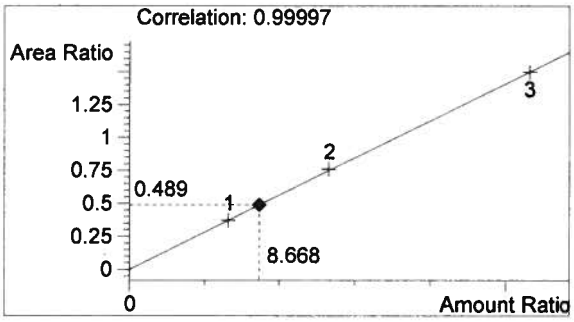
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/10/2013 9:23:19 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

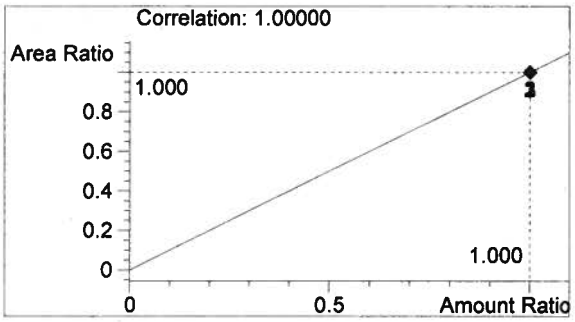
Sample Name: 13014-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1102	1.040
2	n-Propanol	2253	1.704



Ethanol 0.104 g/100mL

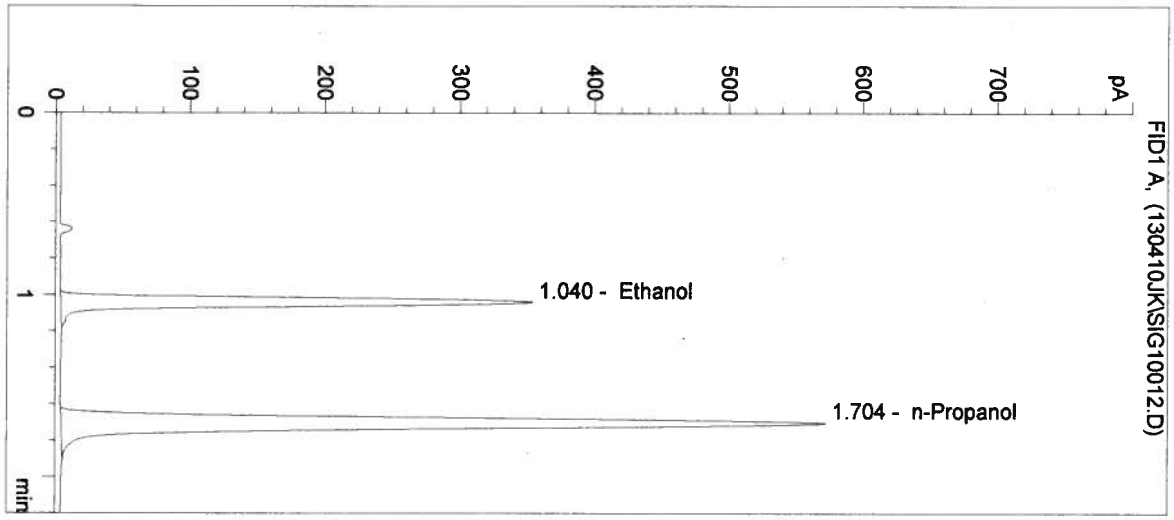


n-Propanol 0.012 g/100mL

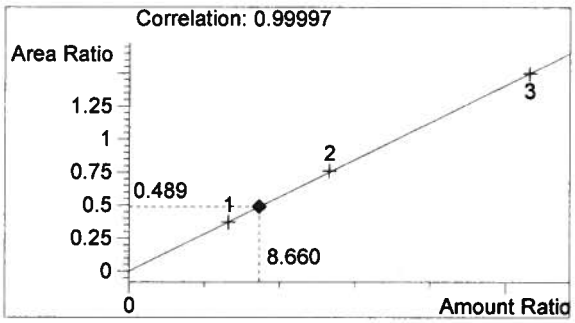
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/10/2013 9:26:24 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

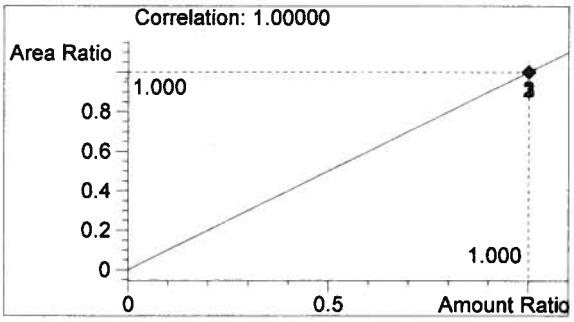
Sample Name: 13014-3
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1103	1.040
2	n-Propanol	2258	1.704



Ethanol 0.104 g/100mL

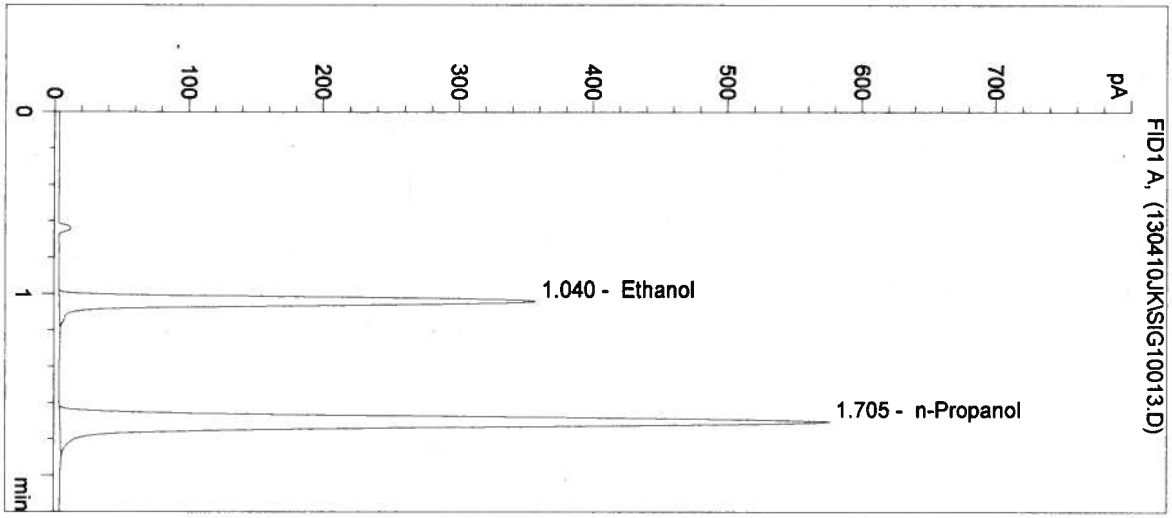


n-Propanol 0.012 g/100mL

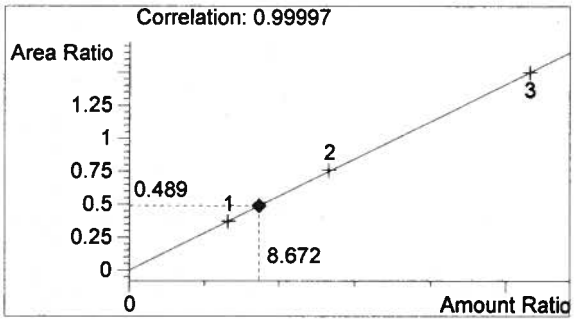
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/10/2013 9:29:29 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

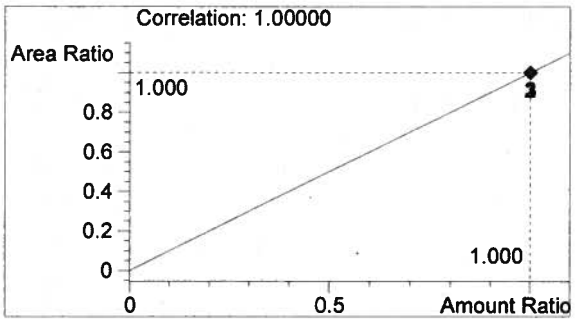
Sample Name: 13014-4
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.040
2	n-Propanol	2272	1.705



Ethanol 0.104 g/100mL

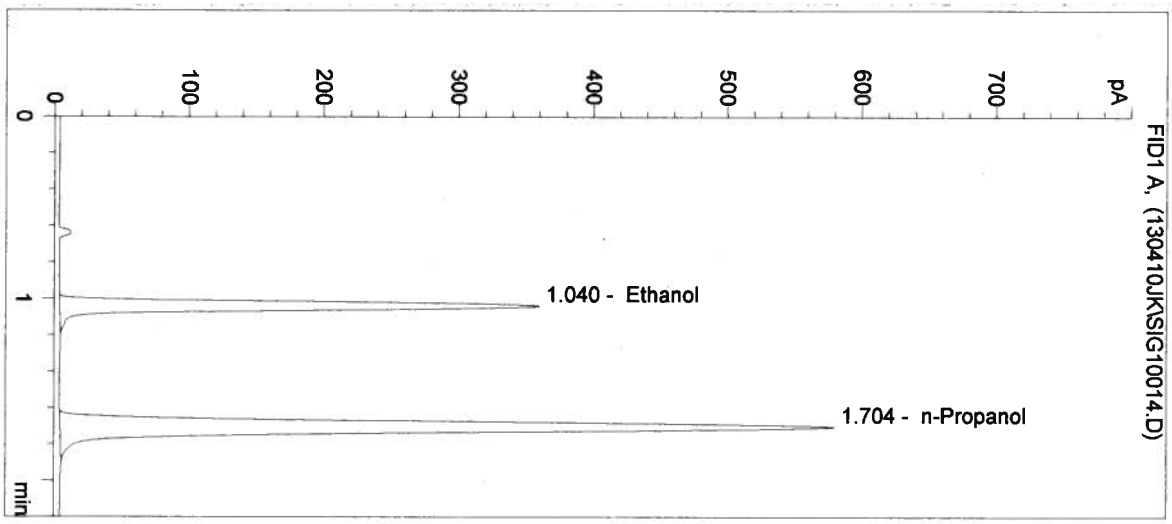


n-Propanol 0.012 g/100mL

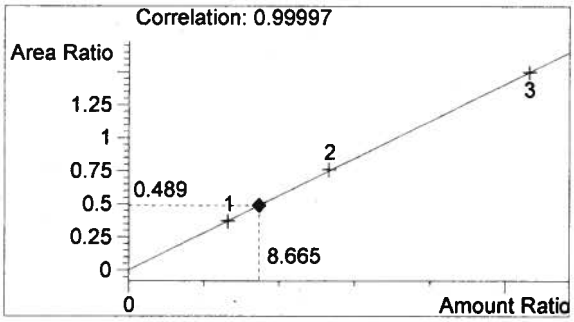
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/10/2013 9:32:33 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

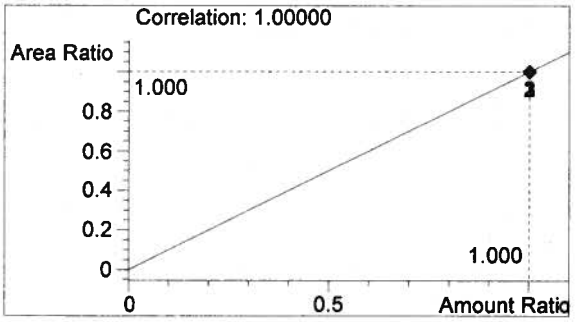
Sample Name: 13014-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1117	1.040
2	n-Propanol	2284	1.704



Ethanol 0.104 g/100mL

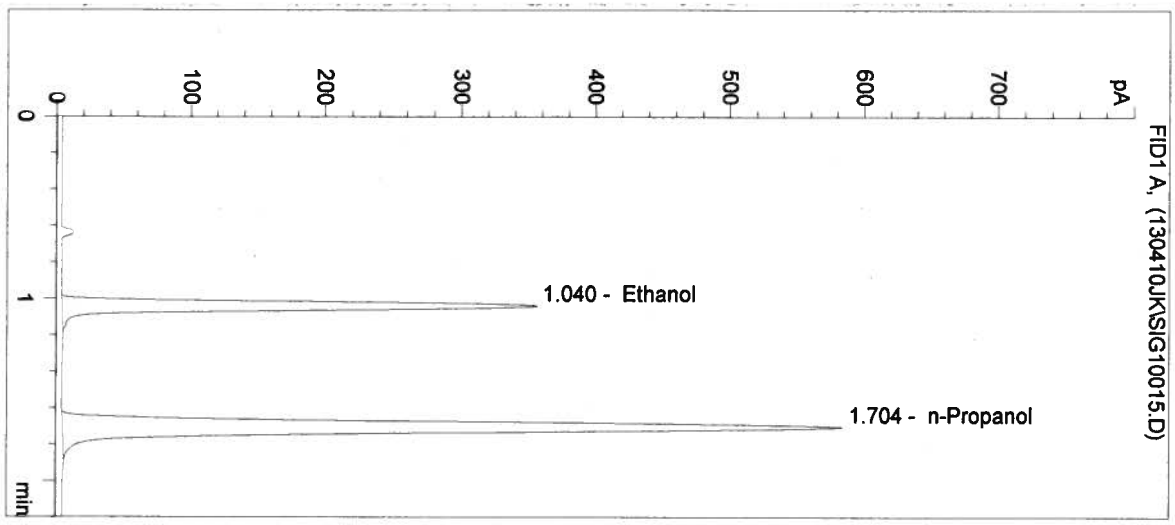


n-Propanol 0.012 g/100mL

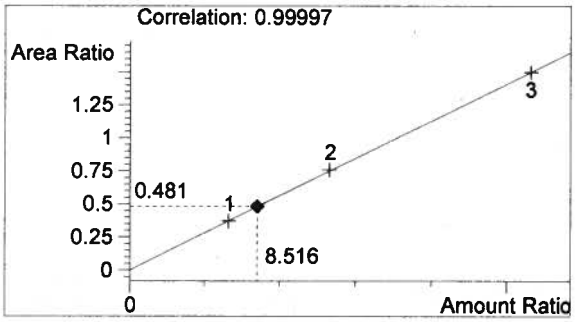
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/10/2013 9:35:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

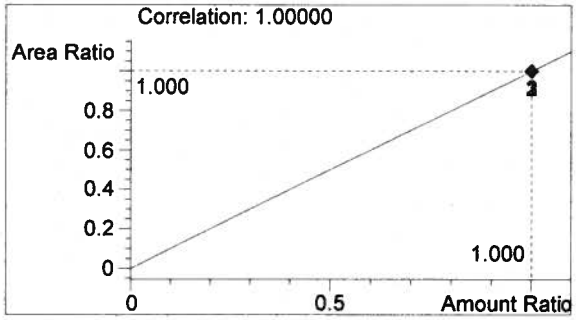
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1103	1.040
2	n-Propanol	2294	1.704



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

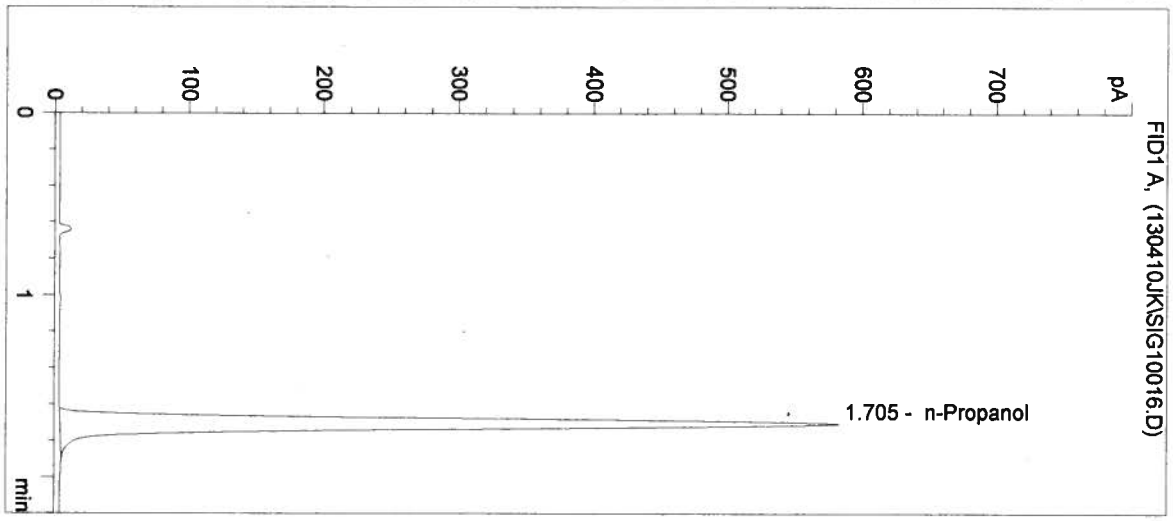
-13014

Data File: C:\HPCHEM\1\DATA\130410JK\SIG10015.D

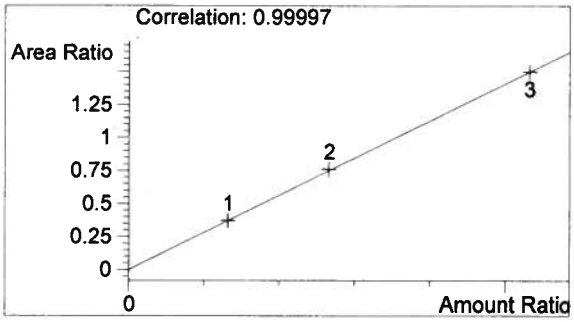
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/10/2013 9:38:43 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

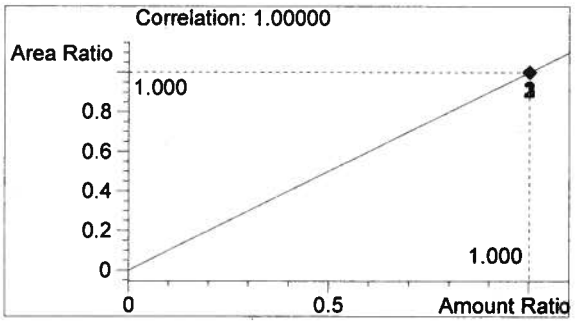
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2283	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

-13014

Sequence: C:\HPCHEM\1\SEQUENCE\NN-ESS1.S

Sequence Parameters:

Operator:	Naziha Nuwayhid, PhD
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	130413NN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot# A088613 - exp 09/2016
0.10 Control - Lot# A090924 - exp 01/2017
0.20 Control - Lot# A084657 - exp 02/2016
n-Propanol ISTD - Lot# P0313 - exp 6/01/2013
0.079 Cal 1 - Lot# E0213-01 - exp 8/20/2013
0.158 Cal 2 - Lot# E0213-02 - exp 8/20/2013
0.316 Cal 3 - Lot# E0213-03 - exp 8/20/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CONTROL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CONTROL	SIMALC1	1	Ctrl Samp		
10	Vial 10	13014 #1	SIMALC1	1	Sample		
11	Vial 11	13014 #2	SIMALC1	1	Sample		
12	Vial 12	13014 #3	SIMALC1	1	Sample		
13	Vial 13	13014 #4	SIMALC1	1	Sample		
14	Vial 14	13014 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CONTROL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CONTROL	SIMALC1	1	Ctrl Samp		

-13014

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

Sequence: C:\HPCHEM\1\SEQUENCE\NN-ESS1.S

Sequence Table (Back Injector):

No entries - empty table!

-13014

Method C:\HPCHEM\1\METHODS\SIMALC1.M

Calibration Table

Calib. Data Modified : Saturday, April 13, 2013 1:01:36 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.042	1	1	7.93800e-2	934.06732	8.49832e-5		1	Ethanol
		2	1.59660e-1	1734.54932	9.20470e-5			
		3	3.19080e-1	3468.22241	9.20010e-5			
1.706	1	1	1.20000e-2	2405.45581	4.98866e-6		I1	n-Propanol
		2	1.20000e-2	2271.86768	5.28200e-6			
		3	1.20000e-2	2282.39917	5.25763e-6			

Peak Sum Table

No Entries in table

-13014

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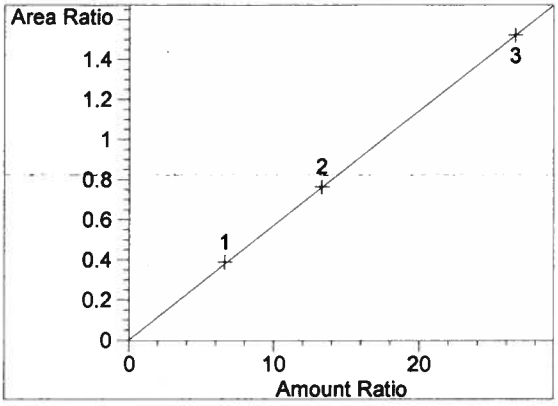
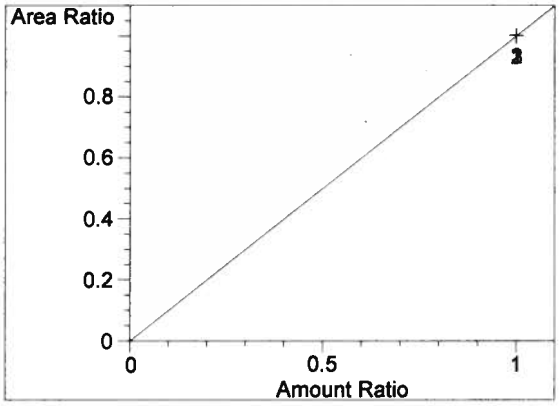
Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00570
Formula: y = mx + b
m: 5.70279e-2
b: 4.74614e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.706
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

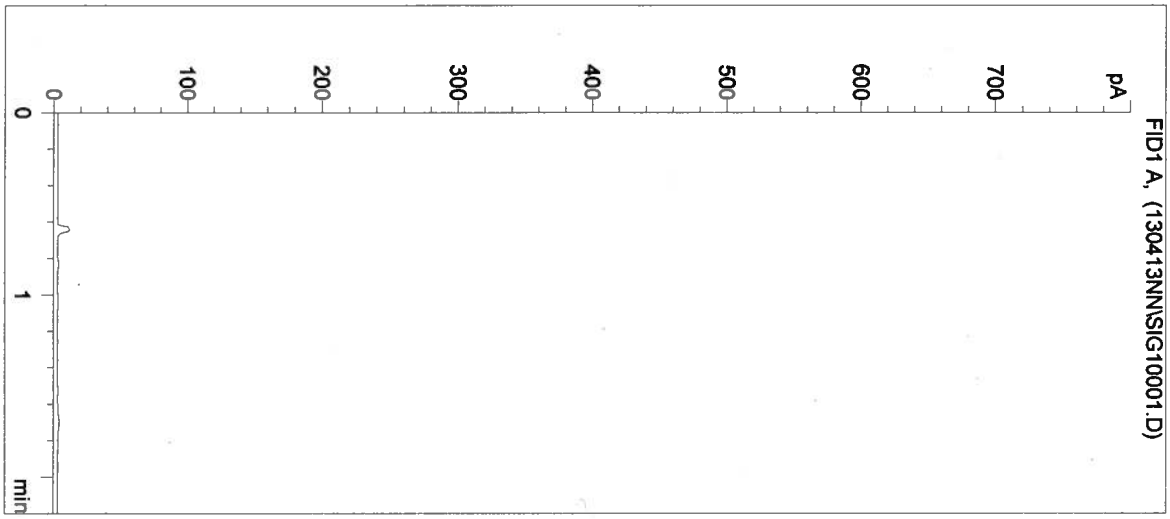
==========

-13014

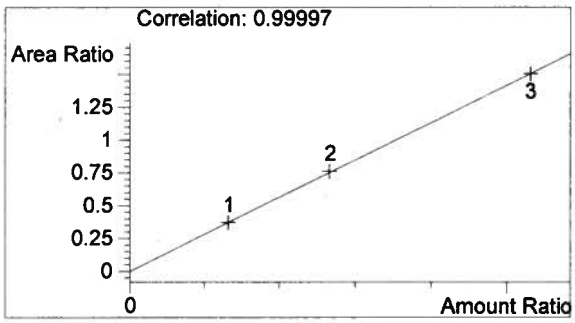
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 12:50:08 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

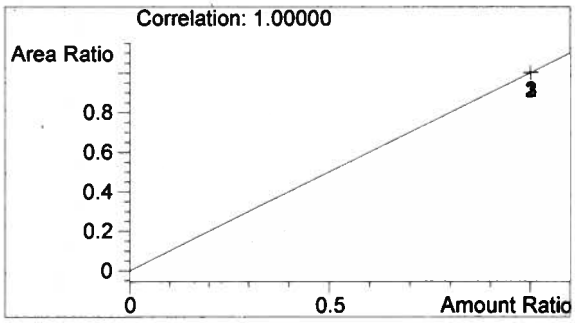
Sample Name: BLANK
Operator: Naziha Nuwayhid, PhD
Location: Vial 1



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

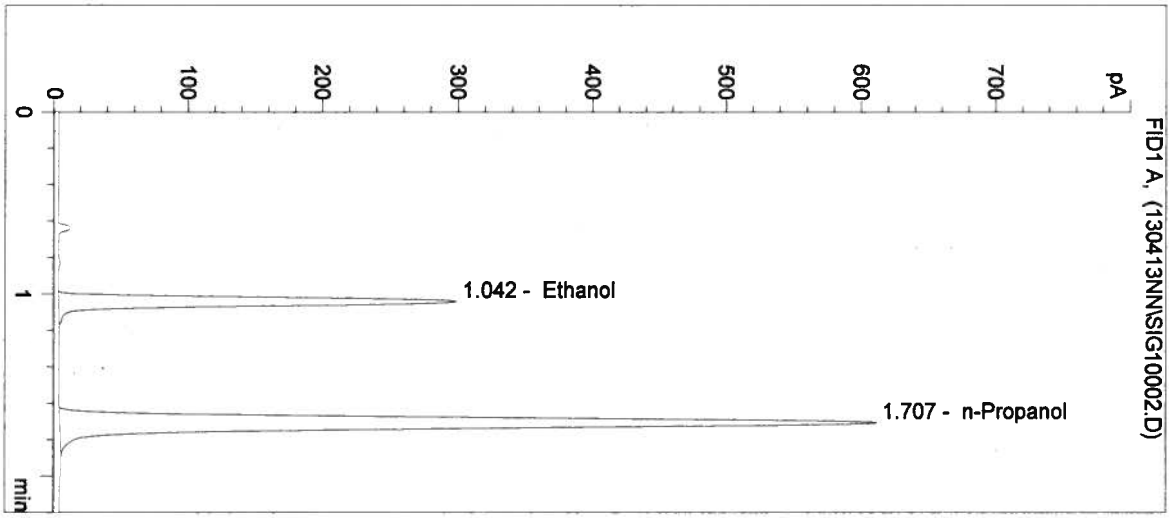
P13014

Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

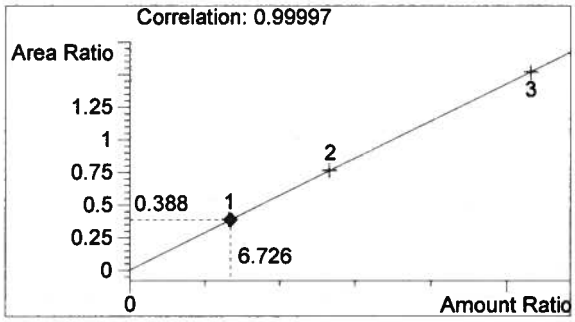
Inj. Date: 4/13/2013 12:53:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.079 CAL 1
Operator: Naziha Nuwayhid, PhD
Location: Vial 2

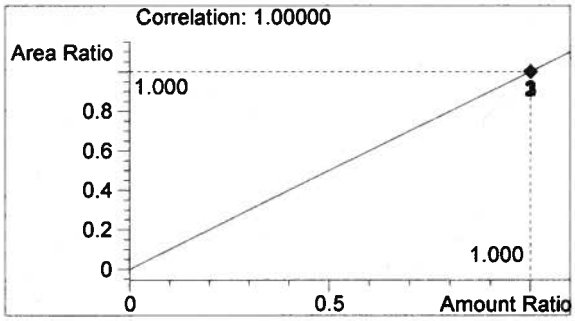
->



#	Compound	Peak Area	RT (min)
1	Ethanol	934	1.042
2	n-Propanol	2405	1.707



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

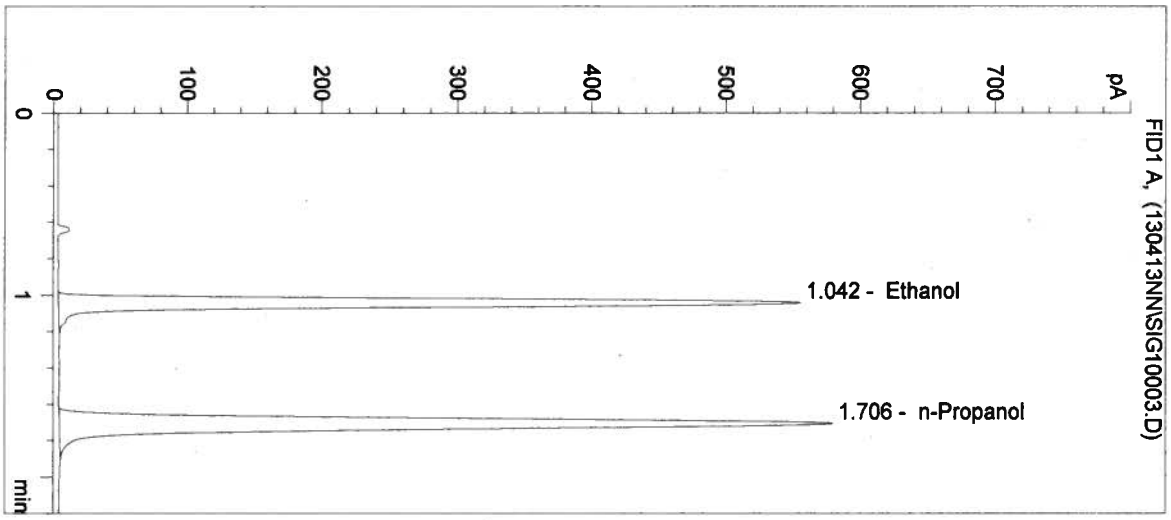
-13014

Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

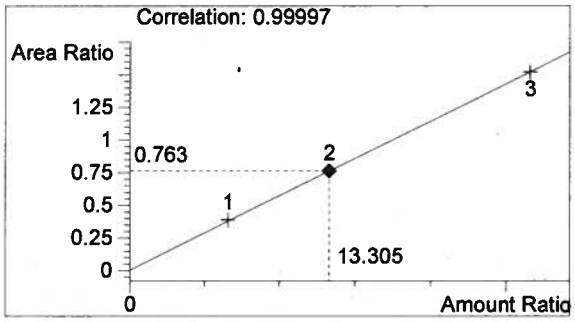
Inj. Date: 4/13/2013 12:56:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.158 CAL 2
Operator: Naziha Nuwayhid, PhD
Location: Vial 3

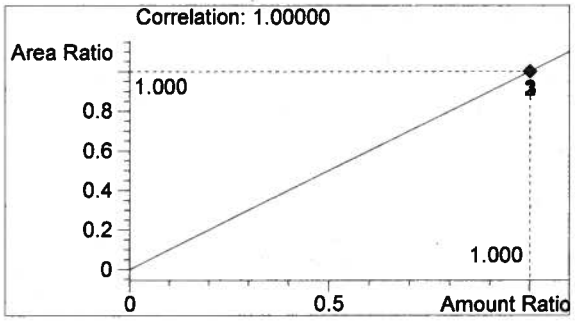
->



#	Compound	Peak Area	RT (min)
1	Ethanol	1735	1.042
2	n-Propanol	2272	1.706



Ethanol 0.160 g/100mL



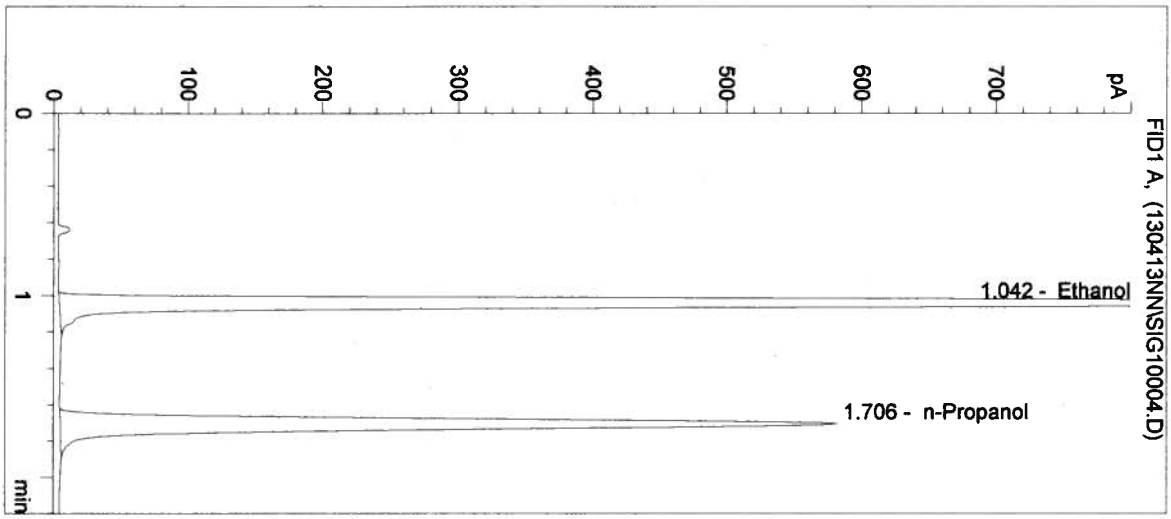
n-Propanol 0.012 g/100mL

-13014

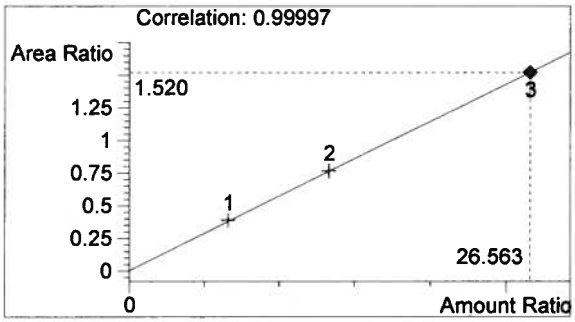
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 12:59:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

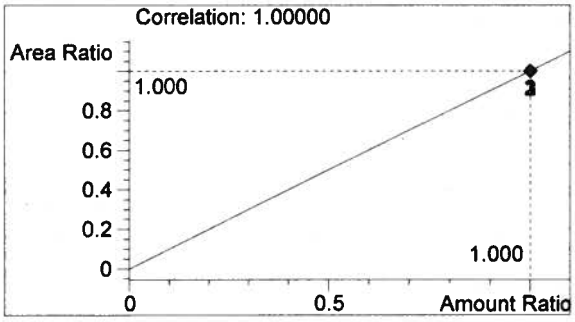
Sample Name: 0.316 CAL 3
Operator: Naziha Nuwayhid, PhD
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3468	1.042
2	n-Propanol	2282	1.706



Ethanol 0.319 g/100mL



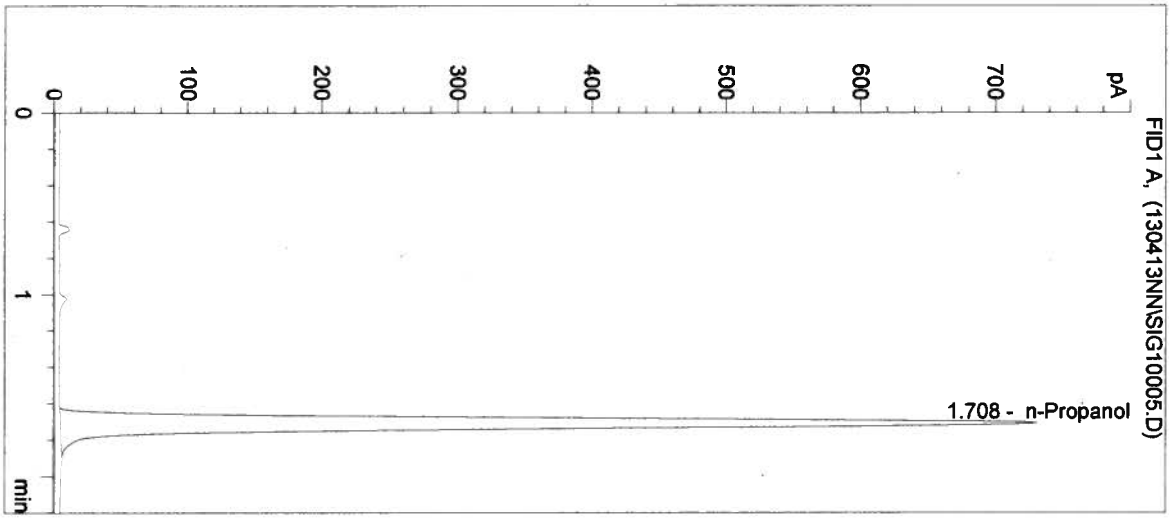
n-Propanol 0.012 g/100mL

F 1 3 0 1 4

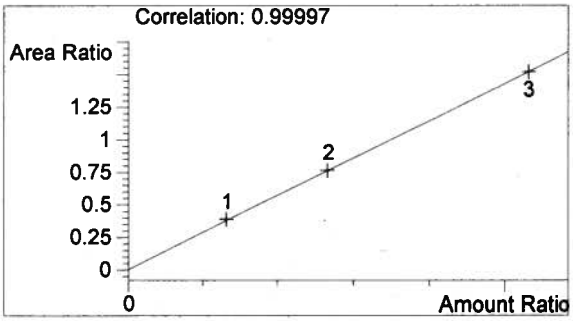
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 1:02:27 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

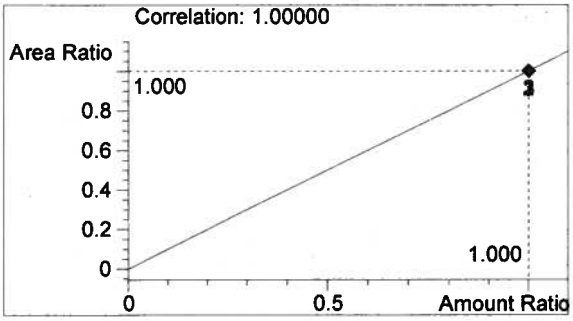
Sample Name: NEG CONTROL
Operator: Naziha Nuwayhid, PhD
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2869	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

-13014

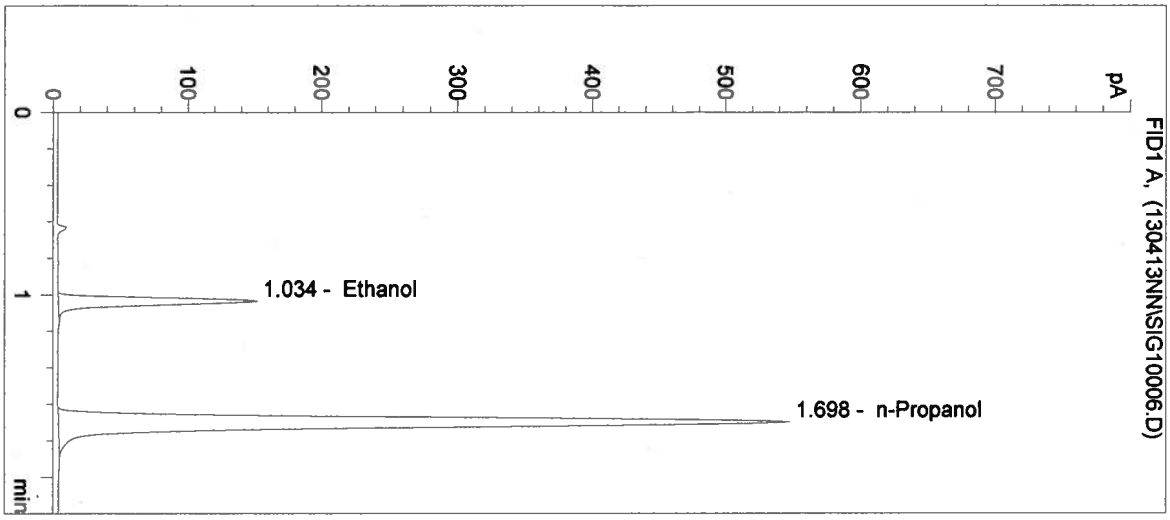
Data File: C:\HPCHEM\1\DATA\130413NN\SIG10005.D

NN

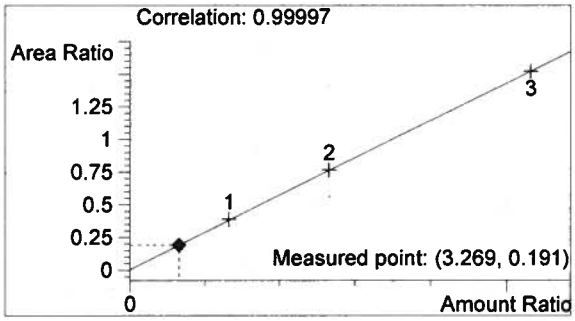
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 1:05:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

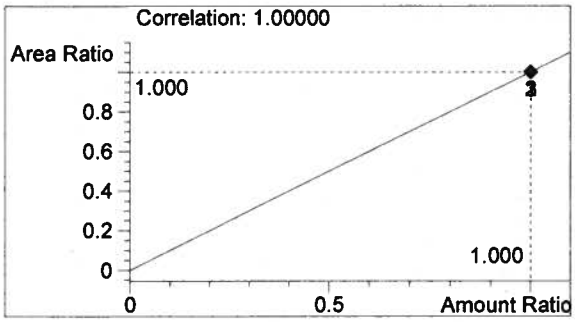
Sample Name: 0.04 CONTROL
Operator: Naziha Nuwayhid, PhD
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	388	1.034
2	n-Propanol	2028	1.698



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

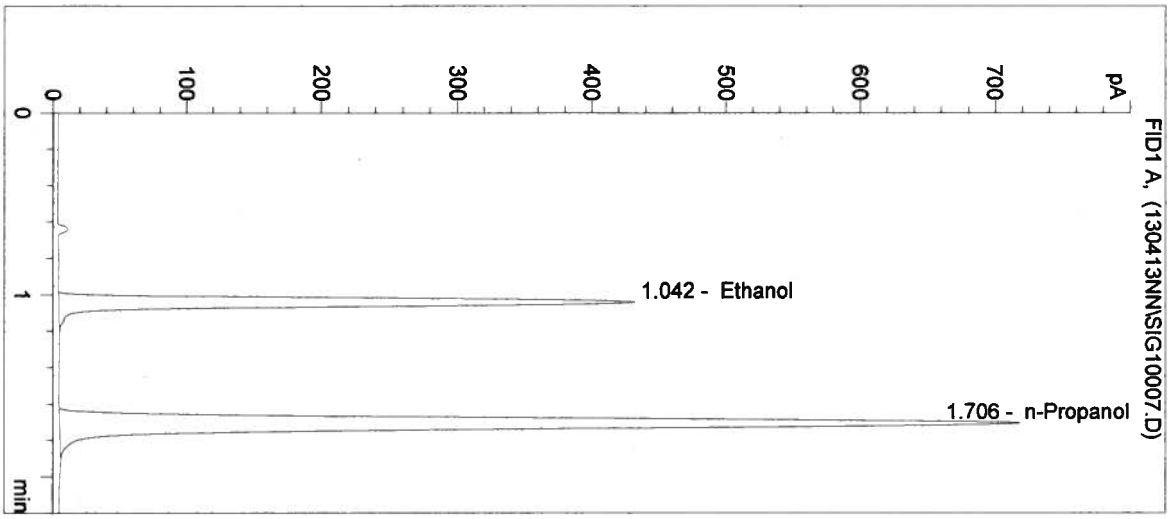
-13014

Data File: C:\HPCHEM\1\DATA\130413NN\SIG10006.D

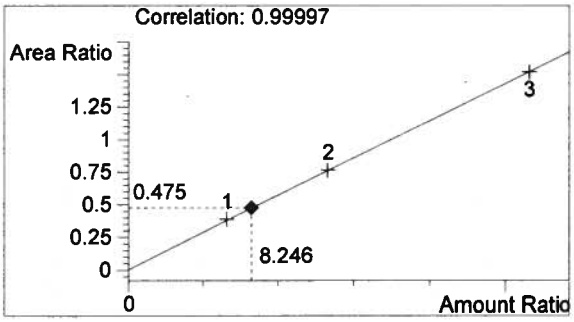
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 1:08:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

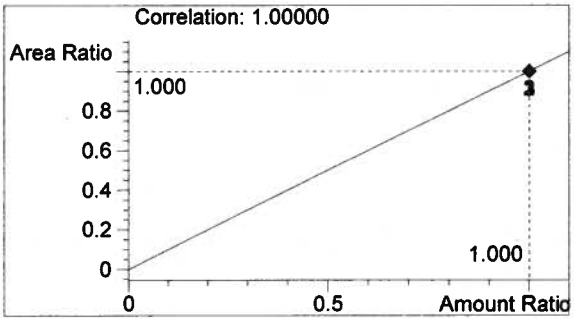
Sample Name: 0.10 CONTROL
Operator: Naziha Nuwayhid, PhD
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1336	1.042
2	n-Propanol	2813	1.706



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

F13014

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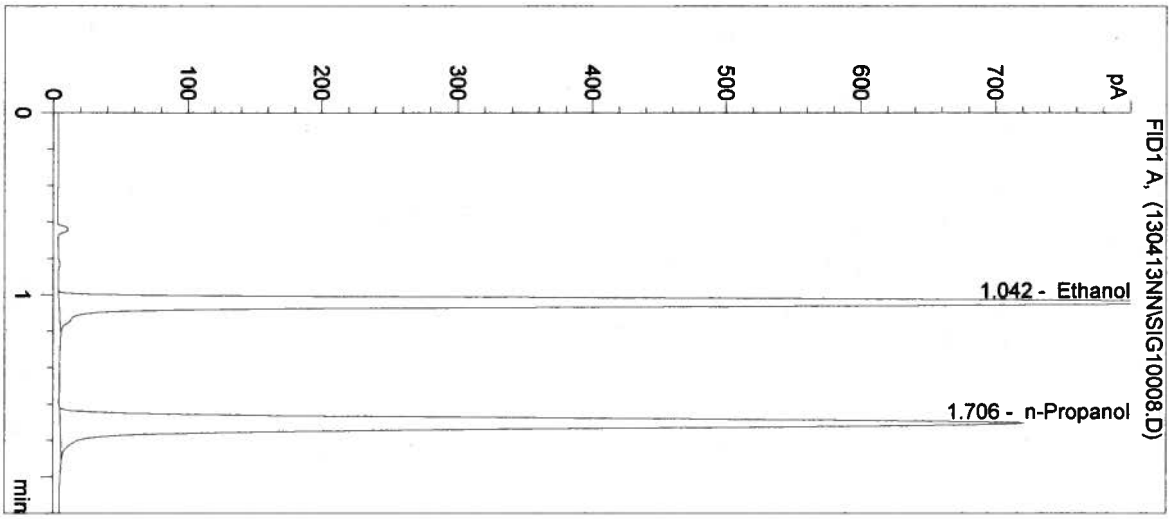
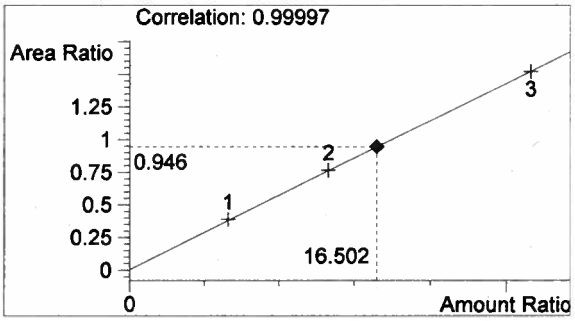
Inj. Date: 4/13/2013 1:11:41 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

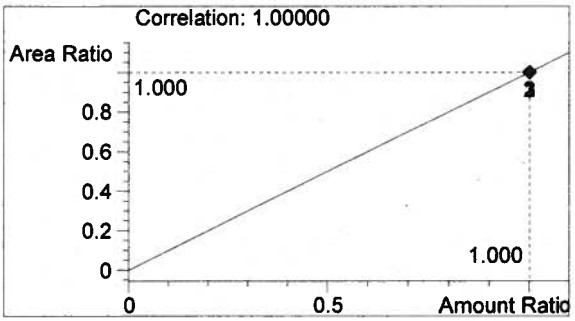
Sample Name: 0.20 CONTROL
Operator: Naziha Nuwayhid, PhD
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2670	1.042
2	n-Propanol	2823	1.706



Ethanol 0.198 g/100mL



n-Propanol 0.012 g/100mL

-13014

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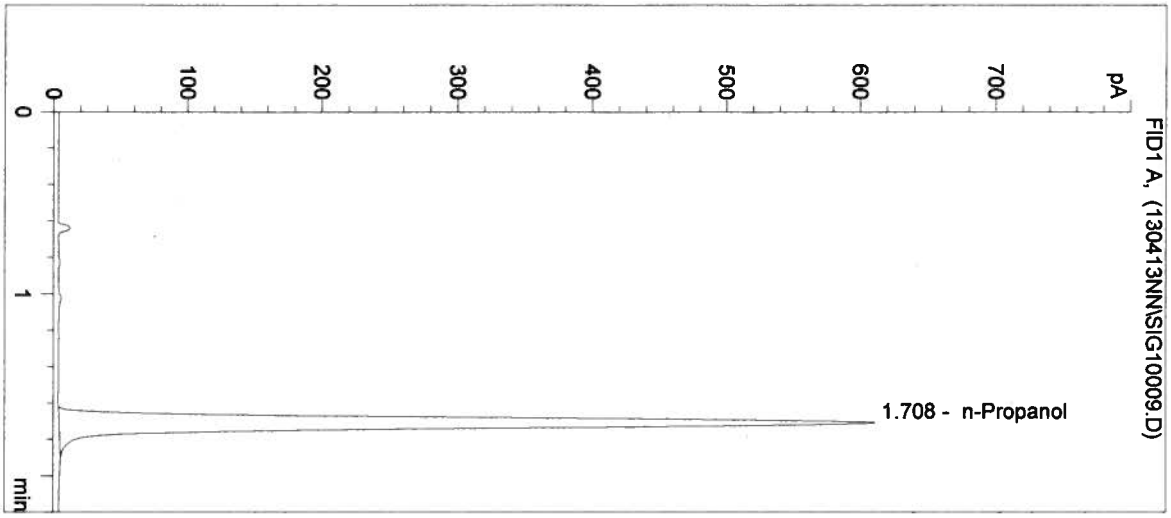
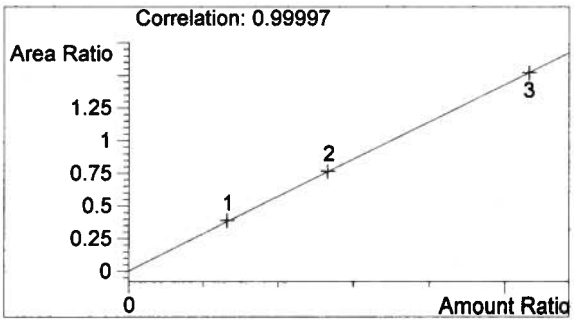
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 1:14:46 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

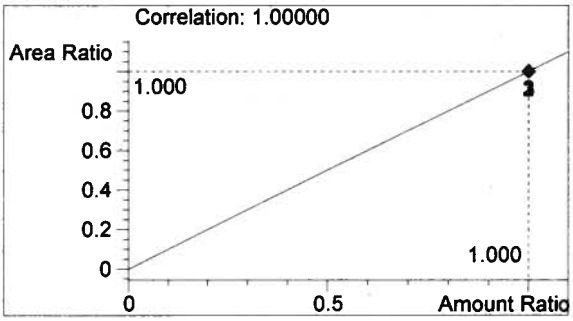
Sample Name: NEG CONTROL
Operator: Naziha Nuwayhid, PhD
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2412	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

-13014

MN

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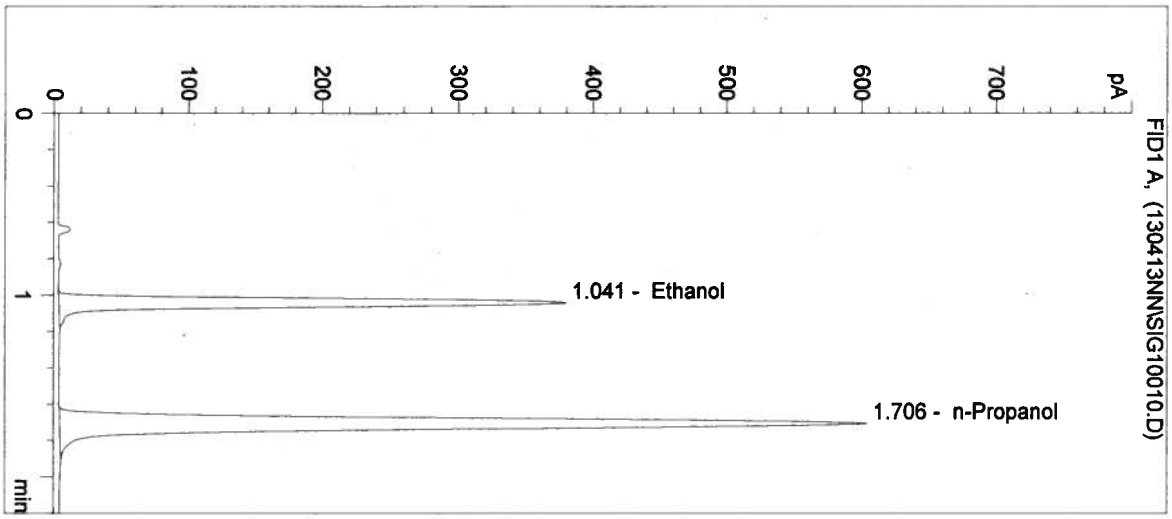
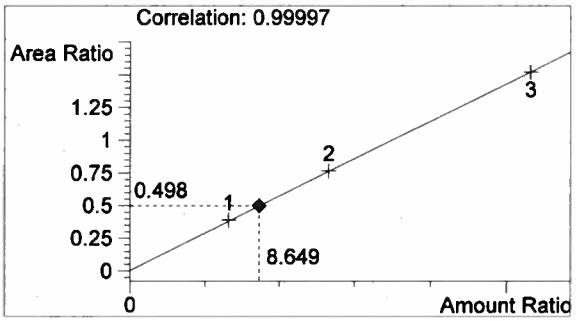
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 1:17:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

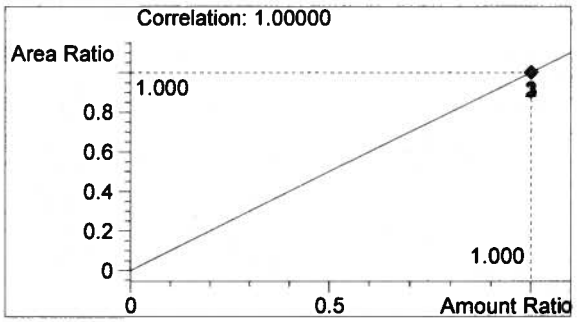
Sample Name: 13014 #1
Operator: Naziha Nuwayhid, PhD
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1184	1.041
2	n-Propanol	2377	1.706



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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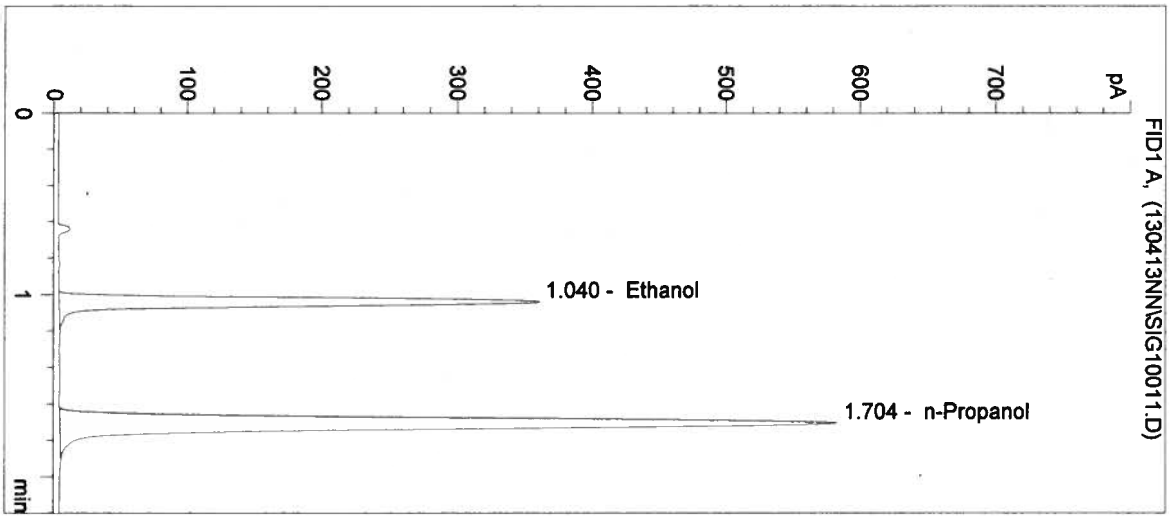
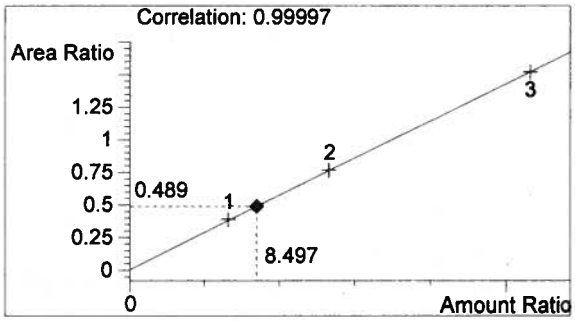
Inj. Date: 4/13/2013 1:20:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

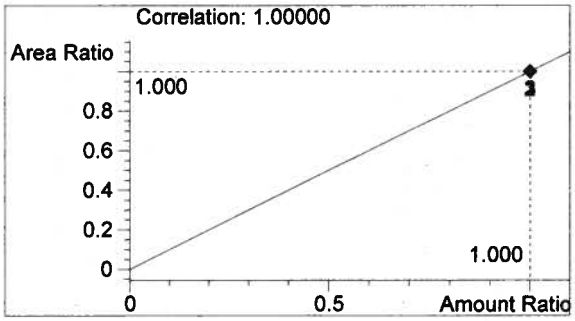
Sample Name: 13014 #2
Operator: Naziha Nuwayhid, PhD
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1122	1.040
2	n-Propanol	2293	1.704



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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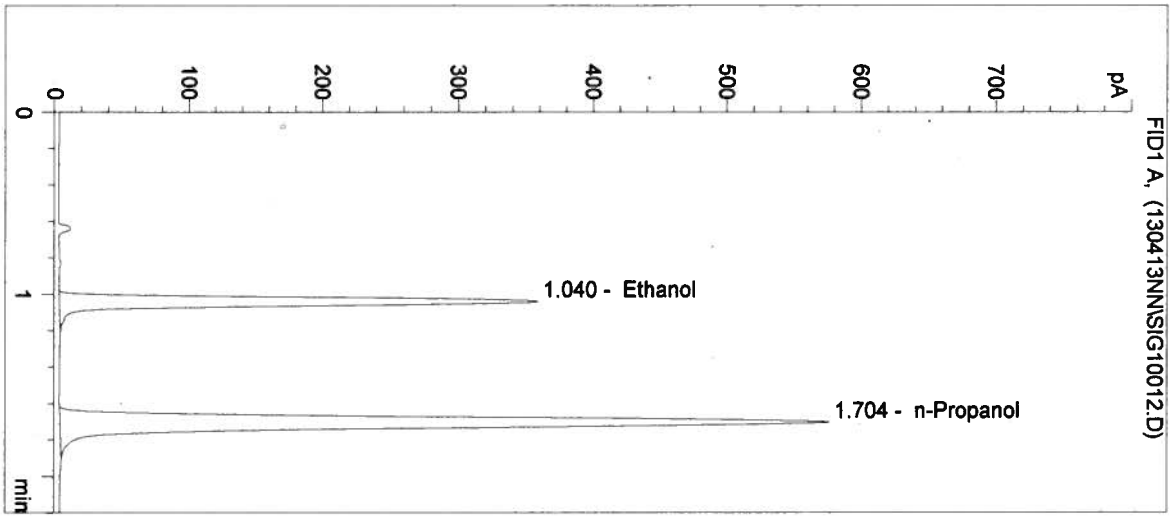
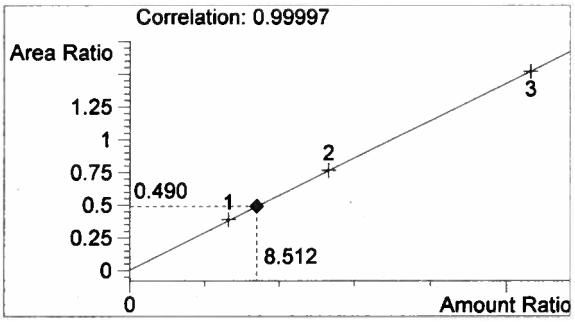
Inj. Date: 4/13/2013 1:24:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

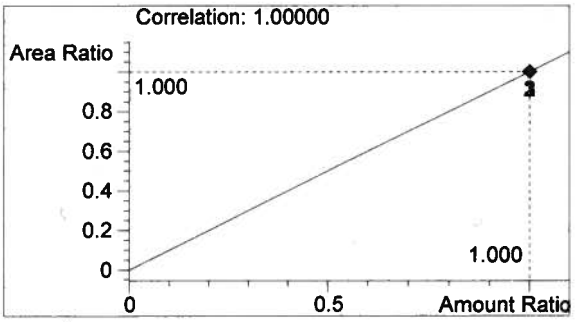
Sample Name: 13014 #3
Operator: Naziha Nuwayhid, PhD
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.040
2	n-Propanol	2260	1.704



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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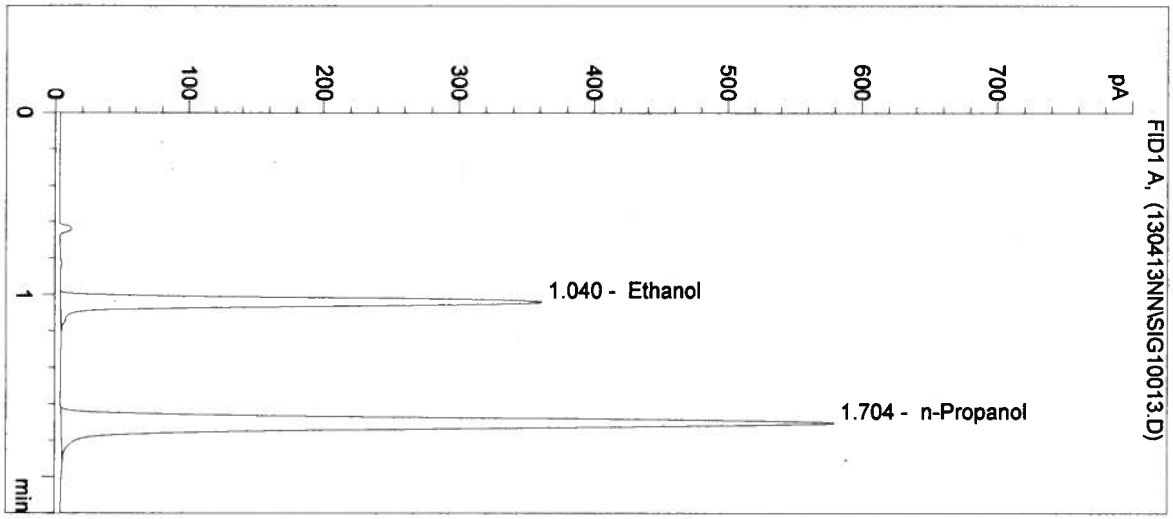
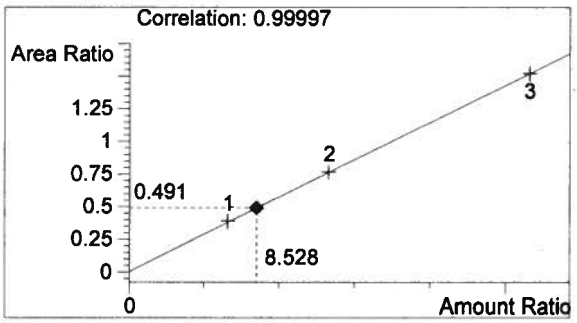
Inj. Date: 4/13/2013 1:27:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

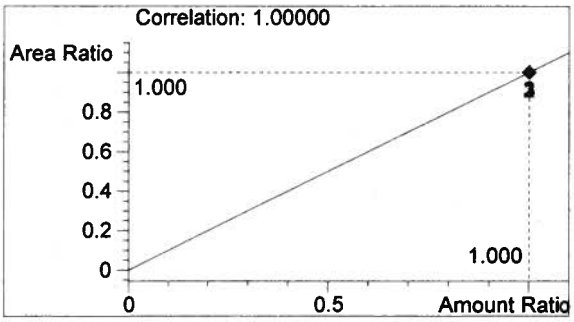
Sample Name: 13014 #4
Operator: Naziha Nuwayhid, PhD
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1117	1.040
2	n-Propanol	2275	1.704



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

NN

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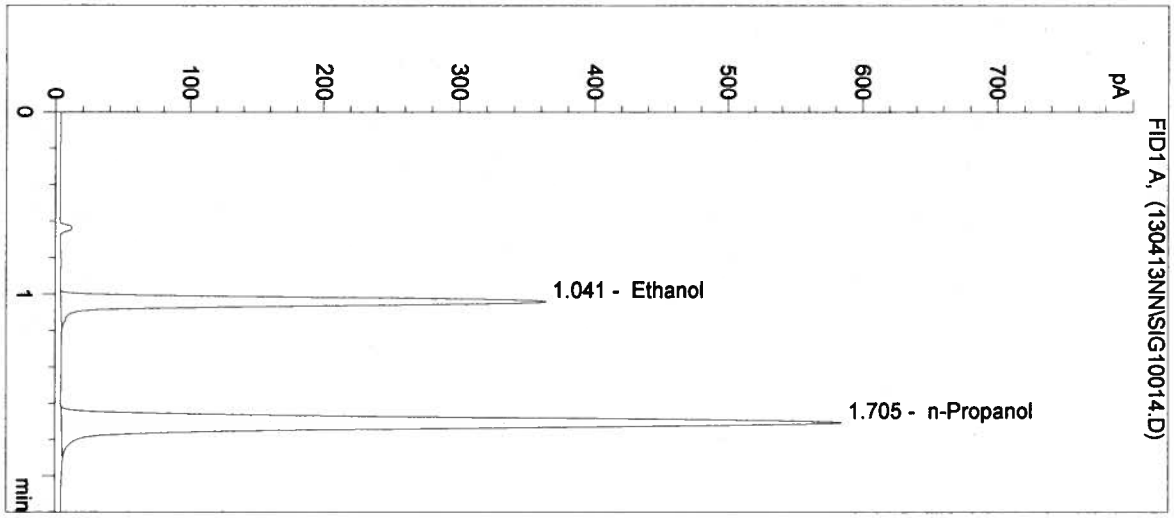
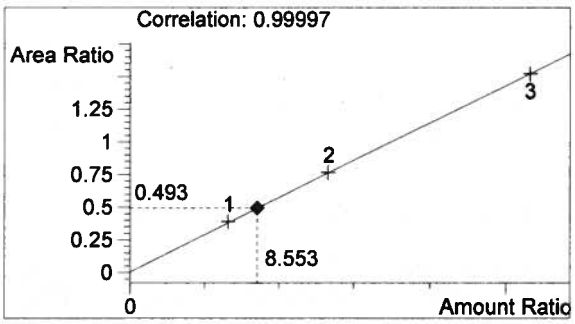
Inj. Date: 4/13/2013 1:30:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

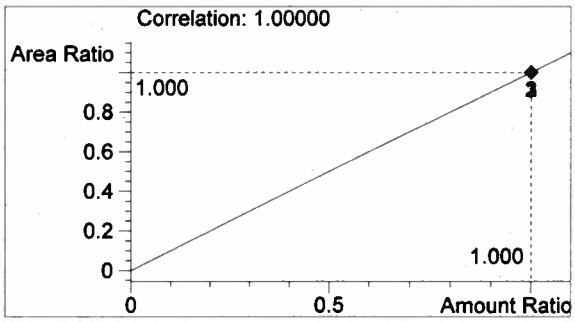
Sample Name: 13014 #5
Operator: Naziha Nuwayhid, PhD
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1127	1.041
2	n-Propanol	2288	1.705



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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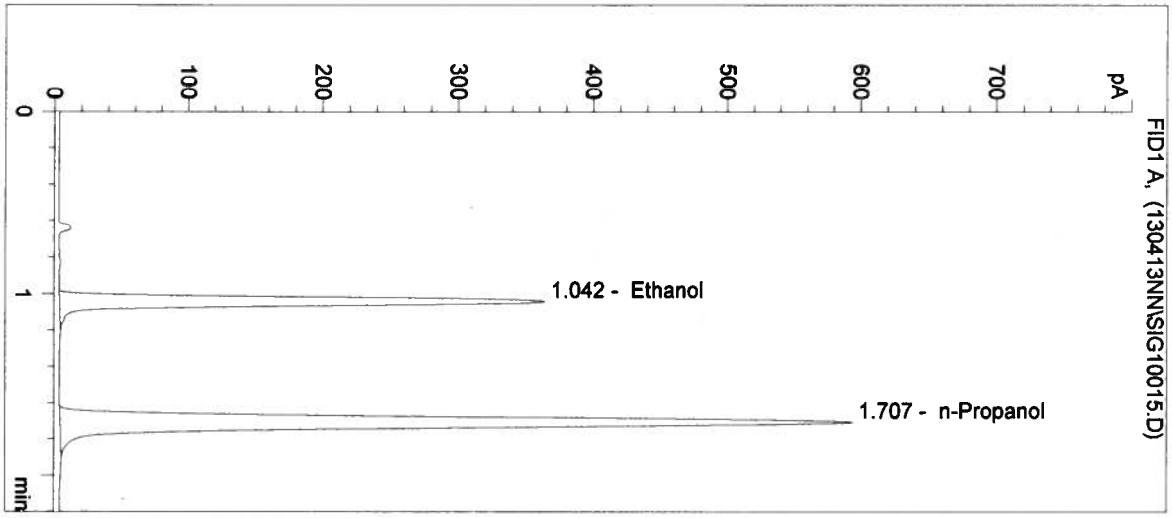
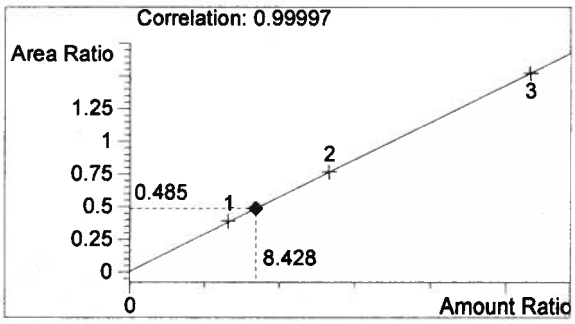
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 1:33:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

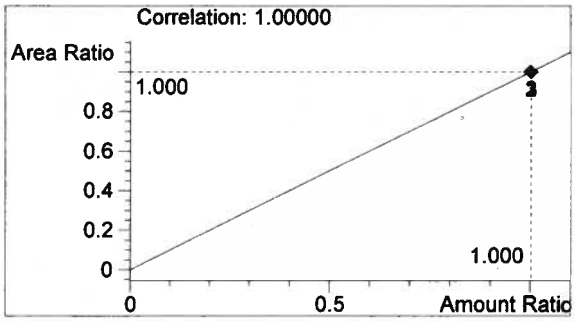
Sample Name: 0.10 CONTROL
Operator: Naziha Nuwayhid, PhD
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1133	1.042
2	n-Propanol	2335	1.707



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

-13014

NN

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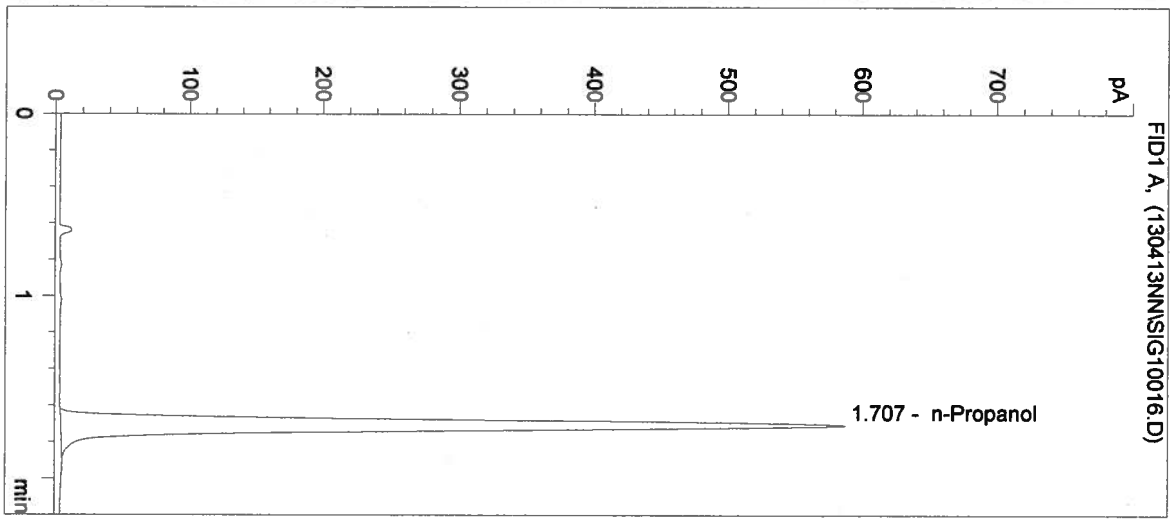
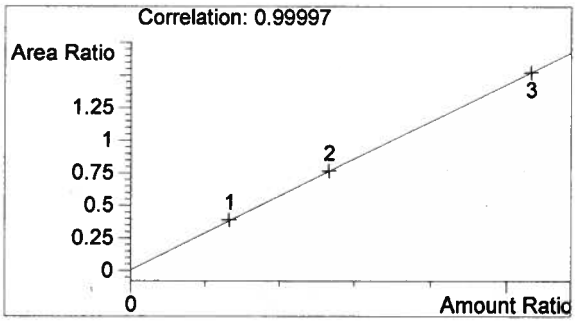
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 1:36:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

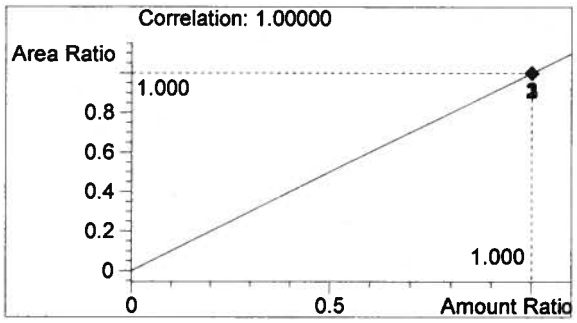
Sample Name: NEG CONTROL
Operator: Naziha Nuwayhid, PhD
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2310	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

-13014

Sequence: C:\HPCHEM\1\SEQUENCE\CJEXTST1.S

Sequence Parameters:

Operator:	Chris Johnston
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	130413CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot# A088613 - exp 09/2016
0.10 Control - Lot# A090924 - exp 01/2017
0.20 Control - Lot# A084657 - exp 02/2016
n-Propanol ISTD - Lot# P0313 - exp 6/01/2013
0.079 Cal 1 - Lot# E0213-01 - exp 8/20/2013
0.158 Cal 2 - Lot# E0213-02 - exp 8/20/2013
0.316 Cal 3 - Lot# E0213-03 - exp 8/20/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-CJ	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
10	Vial 10	ESS 13009 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 13009 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 13009 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 13009 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 13009 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
17	Vial 17	ESS 13014 #1	SIMALC1	1	Sample		
18	Vial 18	ESS 13014 #2	SIMALC1	1	Sample		
19	Vial 19	ESS 13014 #3	SIMALC1	1	Sample		
20	Vial 20	ESS 13014 #4	SIMALC1	1	Sample		
21	Vial 21	ESS 13014 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		

-13014

Calibration Part:

CJ

Sequence: C:\HPCHEM\1\SEQUENCE\CJEXTST1.S

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

-13014

CJ

Method C:\HPCHEM\1\METHODS\SIMALC1.M

Calibration Table

Calib. Data Modified : Saturday, April 13, 2013 4:24:41 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	7.93800e-2	846.41309	9.37840e-5		1	Ethanol
		2	1.59660e-1	1691.78137	9.43739e-5			
		3	3.19080e-1	3380.94458	9.43760e-5			
1.704	1	1	1.20000e-2	2242.68872	5.35072e-6		I1	n-Propanol
		2	1.20000e-2	2283.32959	5.25548e-6			
		3	1.20000e-2	2260.68335	5.30813e-6			

Peak Sum Table

No Entries in table

-13014

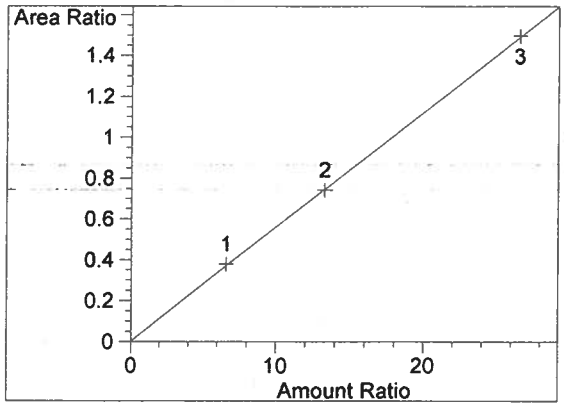
CJ

Method C:\HPCHEM\1\METHODS\SIMALC1.M

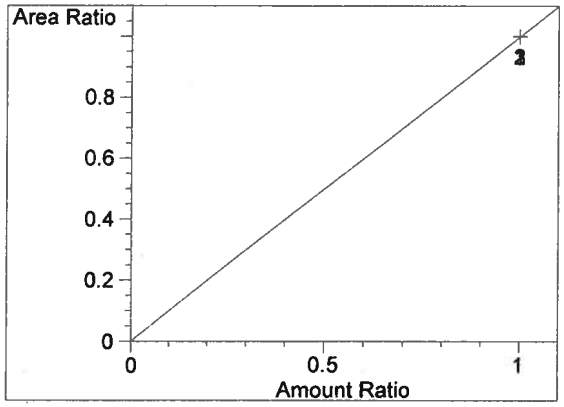
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00626
Formula: y = mx + b
m: 5.61431e-2
b: 6.66101e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.704
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

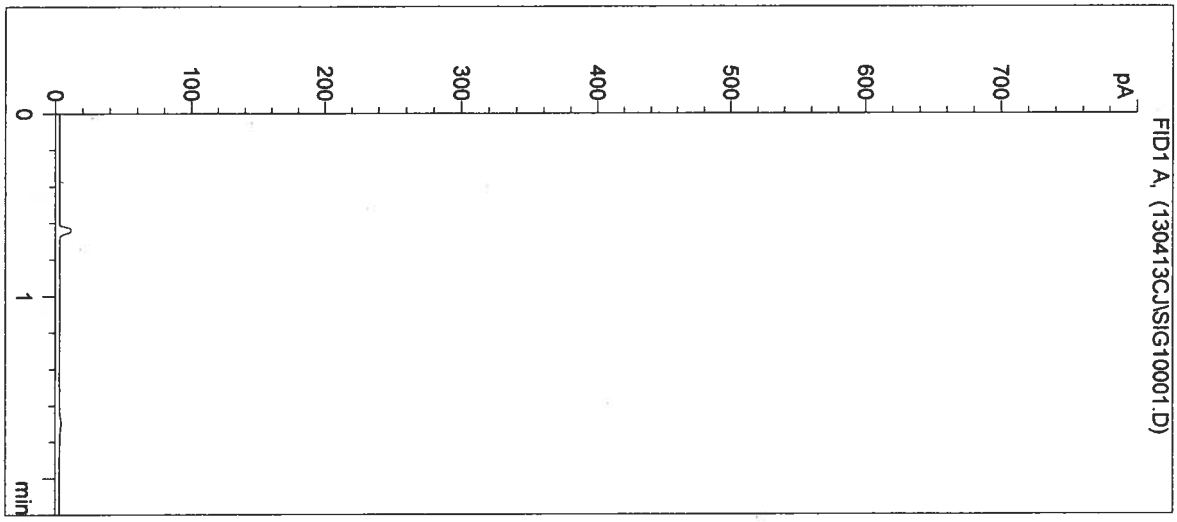
-13014

CJ

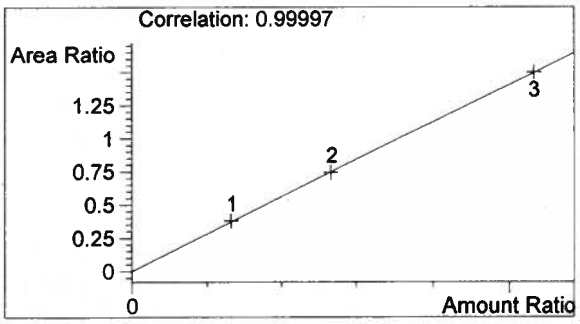
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 4:13:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

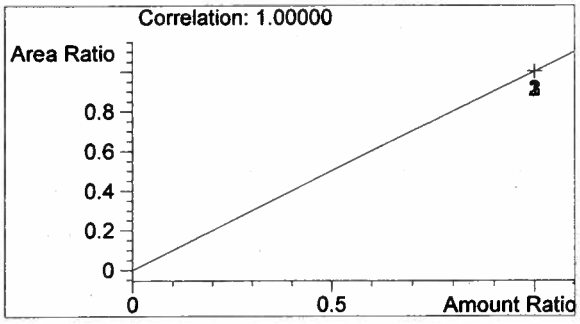
Sample Name: BLANK-CJ
Operator: Chris Johnston
Location: Vial 1



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

-13014

CJ

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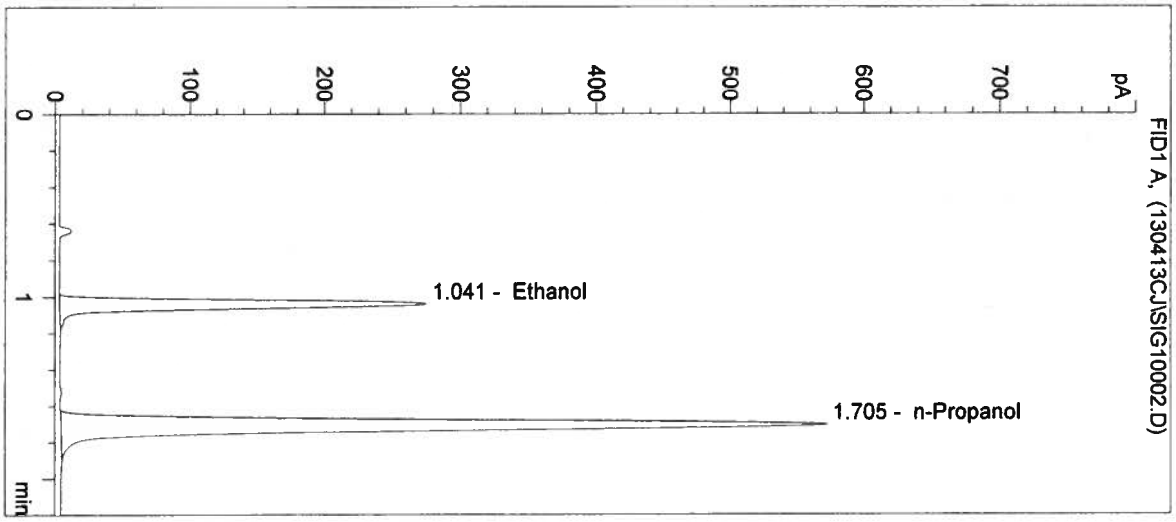
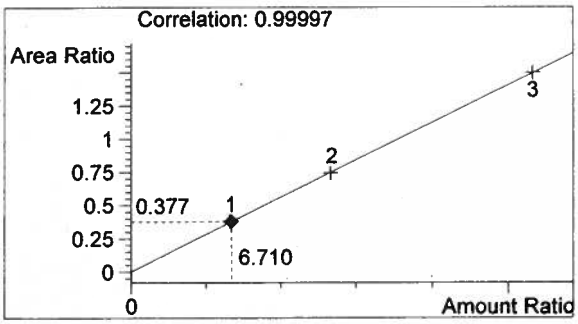
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 4:16:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

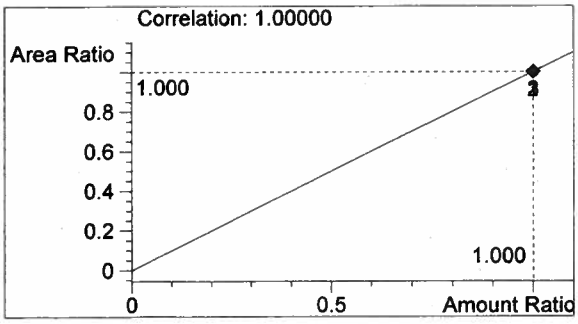
Sample Name: 0.079 CAL 1
Operator: Chris Johnston
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	846	1.041
2	n-Propanol	2243	1.705



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

-13014

CJ

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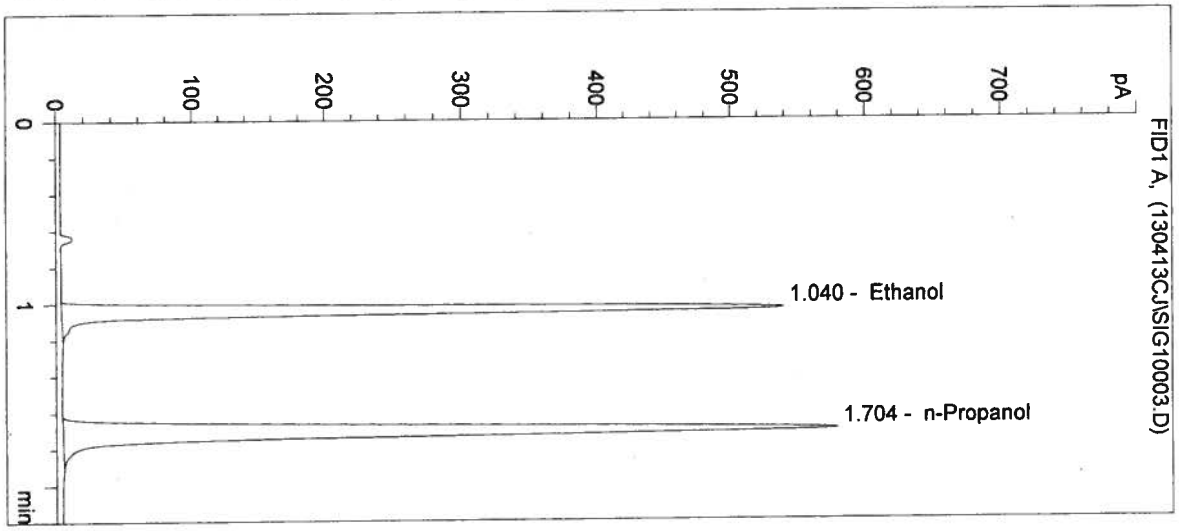
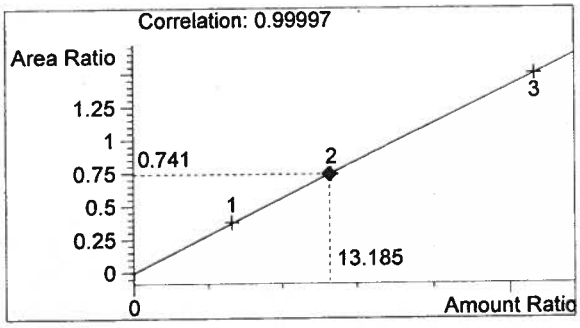
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 4:19:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

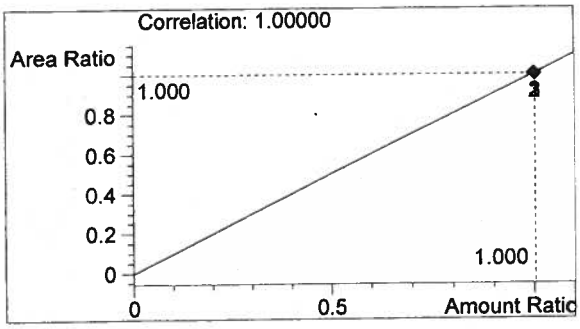
Sample Name: 0.158 CAL 2
Operator: Chris Johnston
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1692	1.040
2	n-Propanol	2283	1.704



Ethanol 0.158 g/100mL



n-Propanol 0.012 g/100mL

-13014

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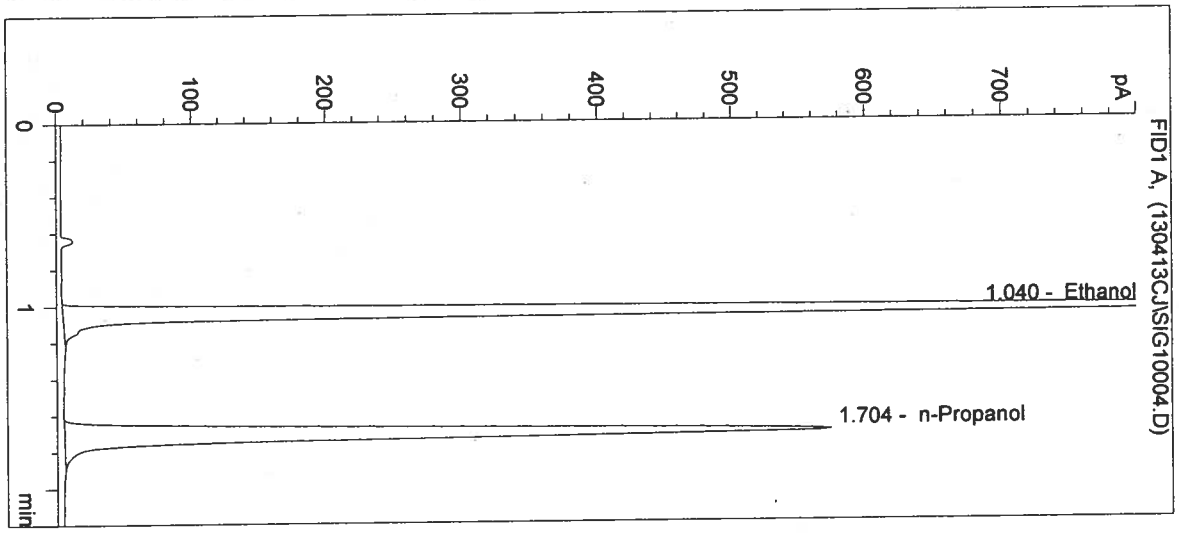
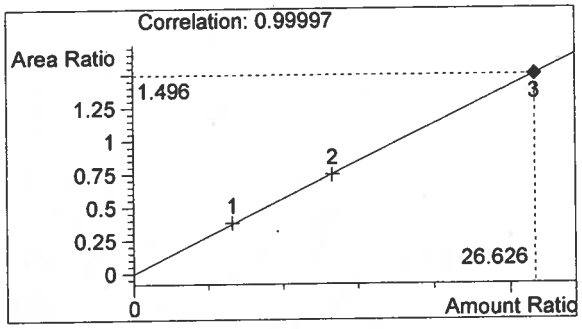
Inj. Date: 4/13/2013 4:22:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

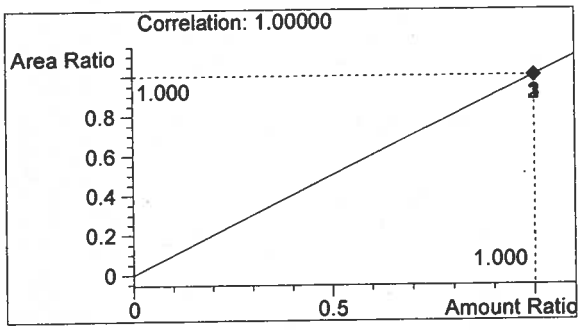
Sample Name: 0.316 CAL 3
Operator: Chris Johnston
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3381	1.040
2	n-Propanol	2261	1.704



Ethanol 0.320 g/100mL



n-Propanol 0.012 g/100mL

-13014

Q

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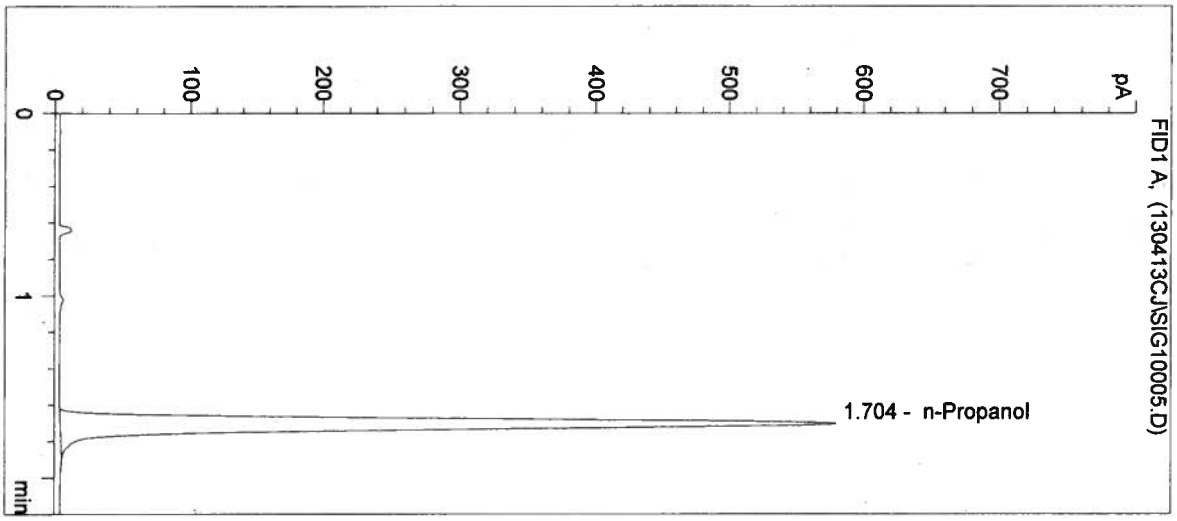
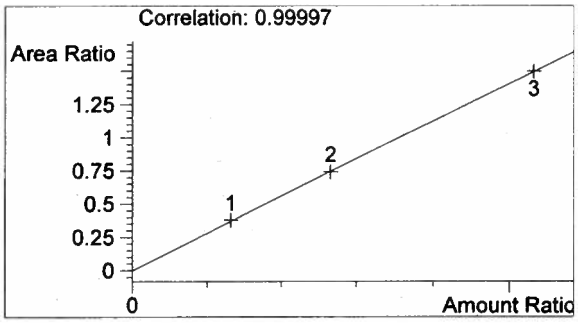
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 4:25:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

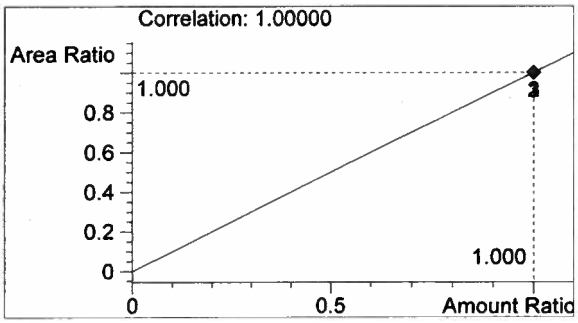
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2290	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

-13014

CJ

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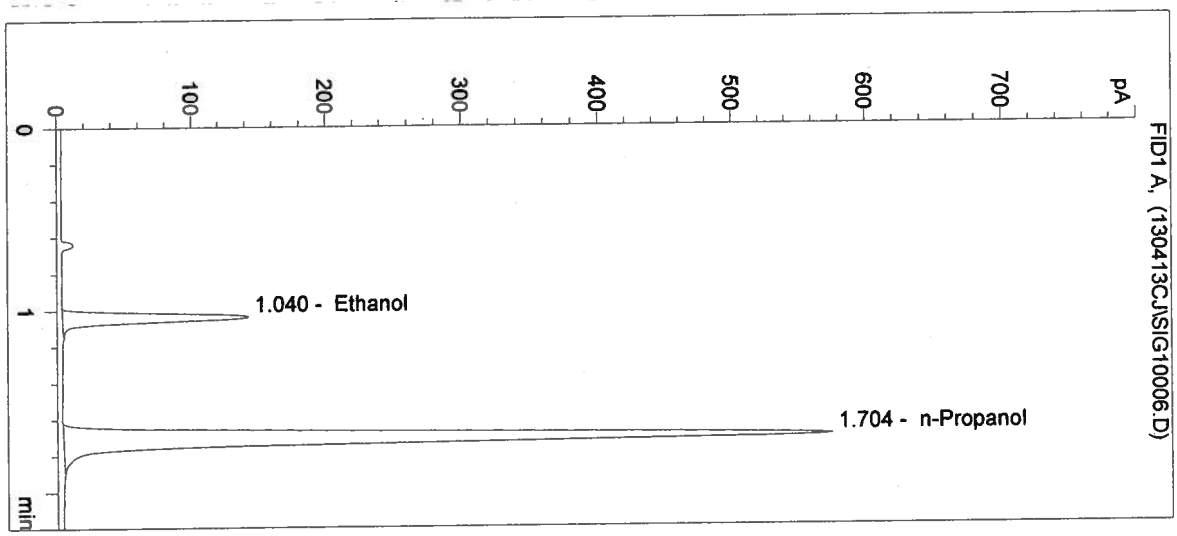
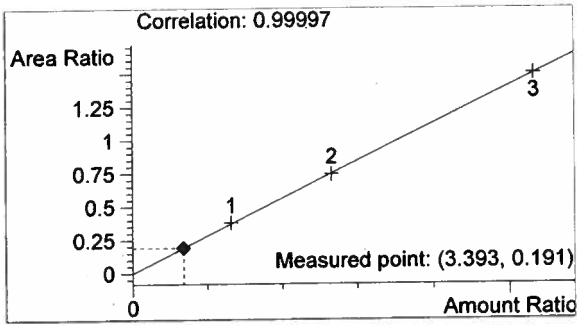
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 4:28:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

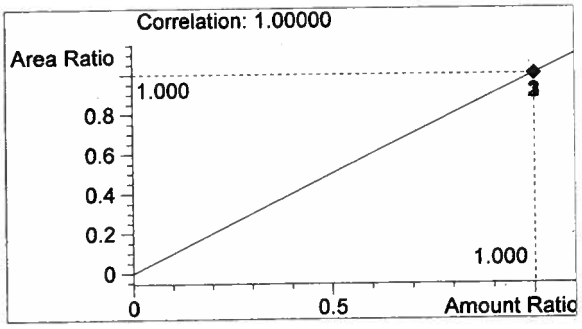
Sample Name: 0.04 CTRL-CJ
Operator: Chris Johnston
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	434	1.040
2	n-Propanol	2271	1.704



Ethanol 0.041 g/100mL



n-Propanol 0.012 g/100mL

-13014

CJ

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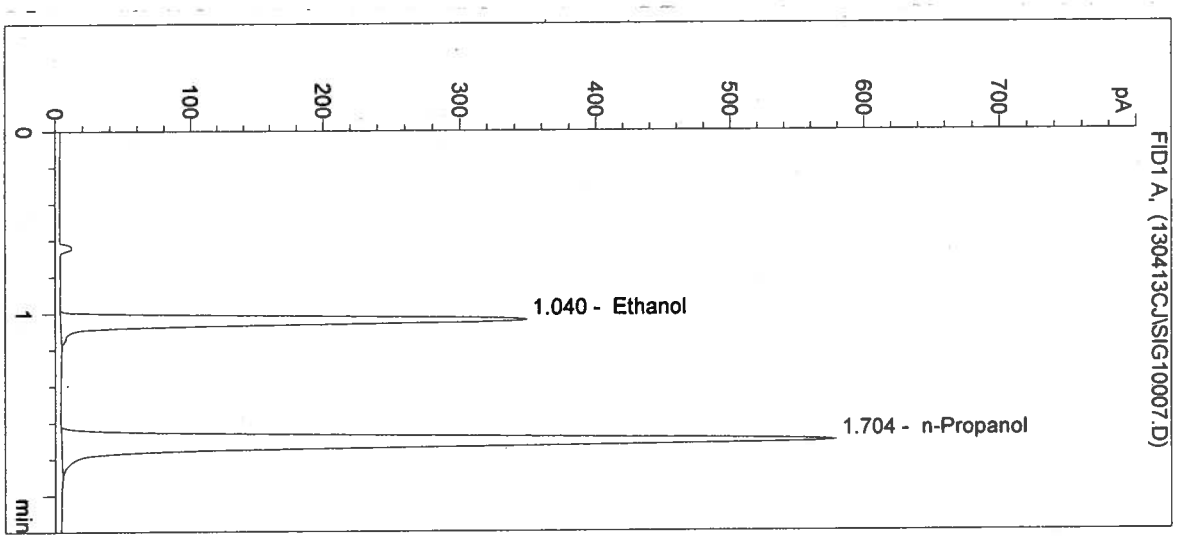
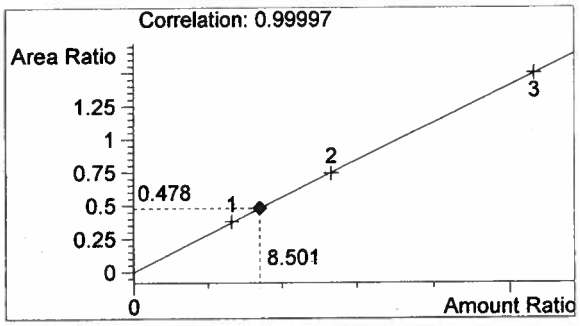
Inj. Date: 4/13/2013 4:31:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

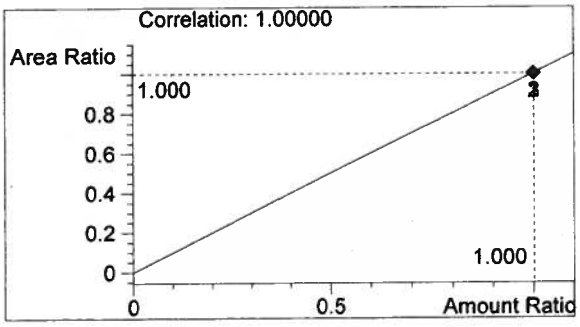
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1092	1.040
2	n-Propanol	2286	1.704



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

-13014

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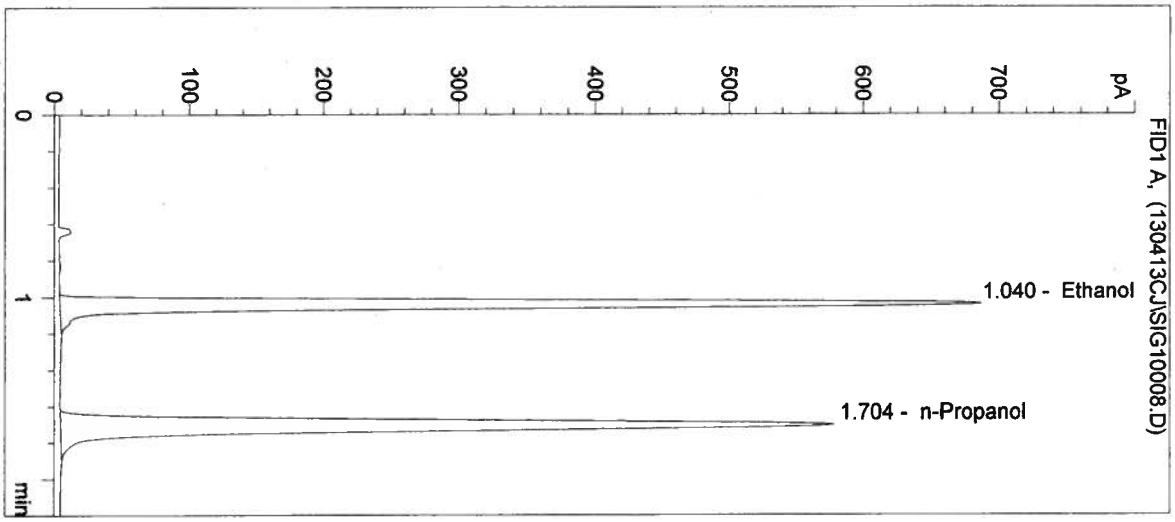
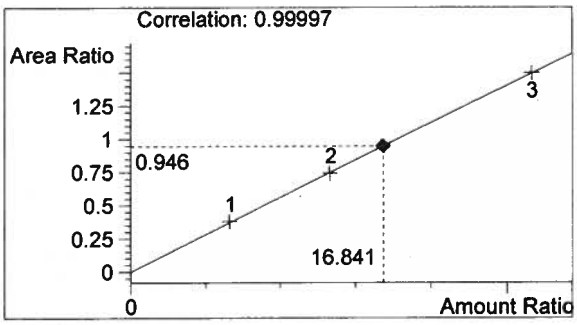
Inj. Date: 4/13/2013 4:34:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

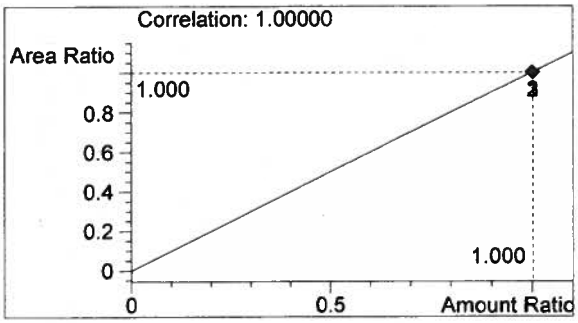
Sample Name: 0.20 CTRL-CJ
Operator: Chris Johnston
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2161	1.040
2	n-Propanol	2284	1.704



Ethanol 0.202 g/100mL



n-Propanol 0.012 g/100mL

-13014

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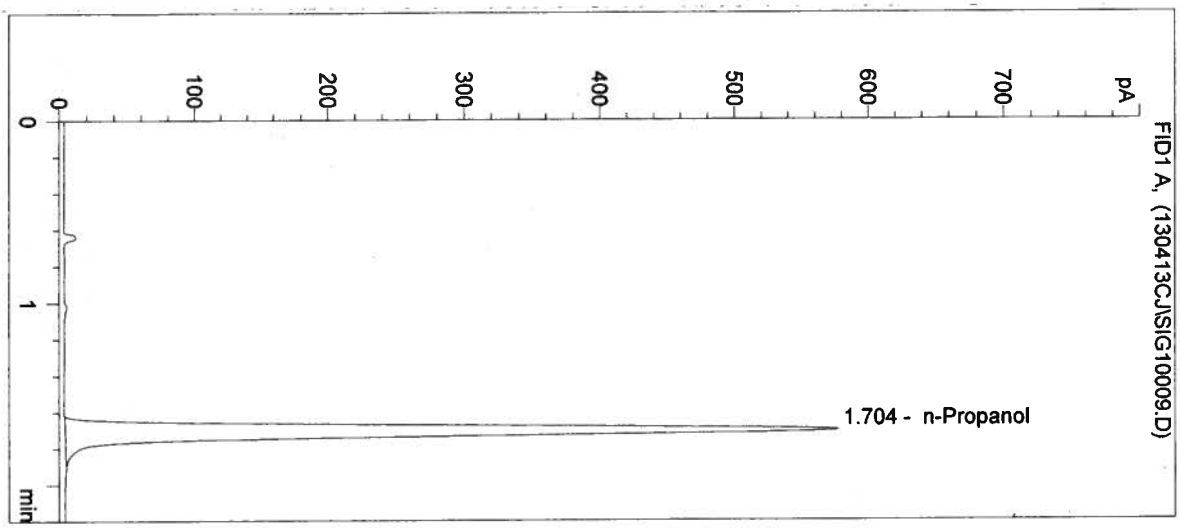
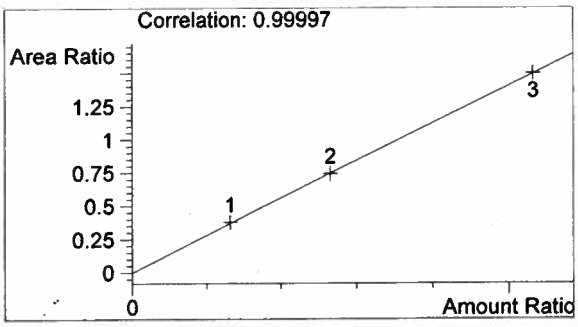
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 4:37:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

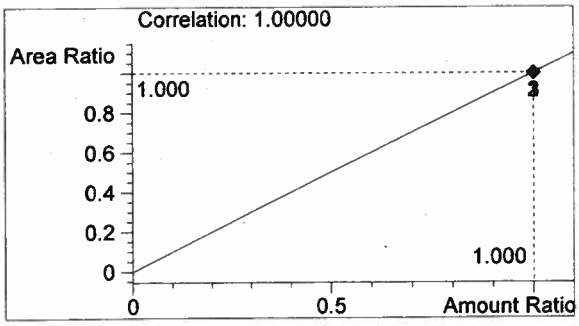
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2278	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

-13014

CJ

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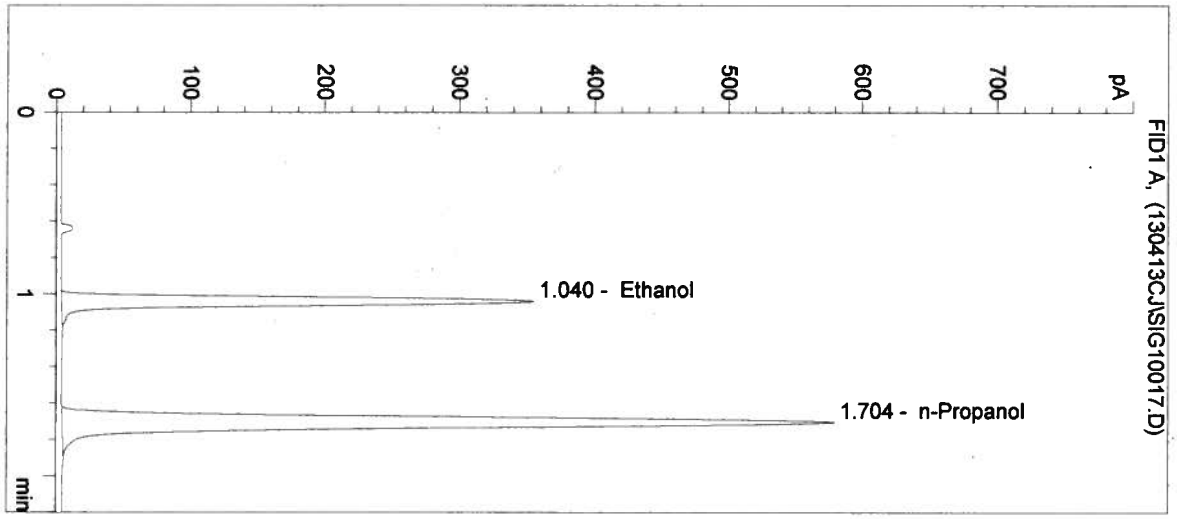
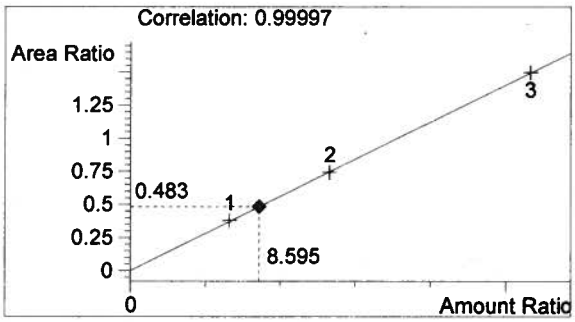
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 5:02:30 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

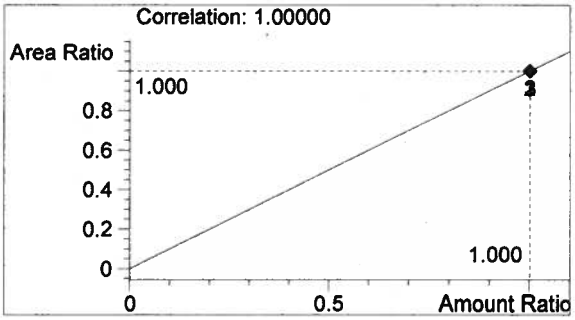
Sample Name: ESS 13014 #1
Operator: Chris Johnston
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	1105	1.040
2	n-Propanol	2287	1.704



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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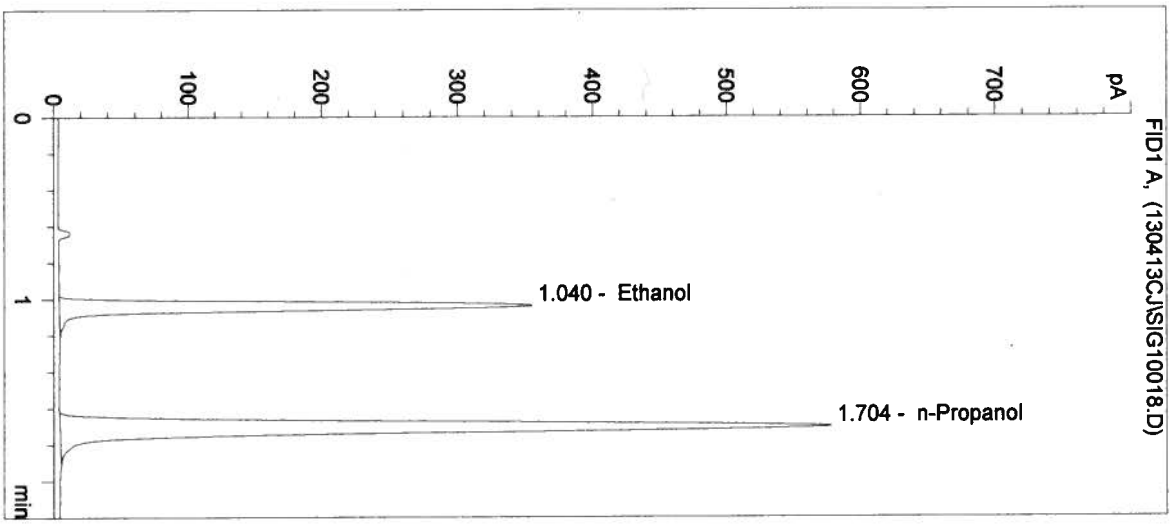
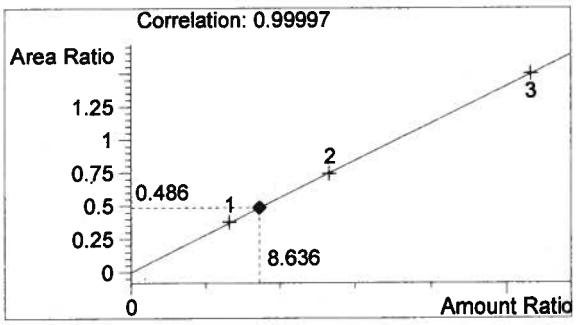
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 5:05:34 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

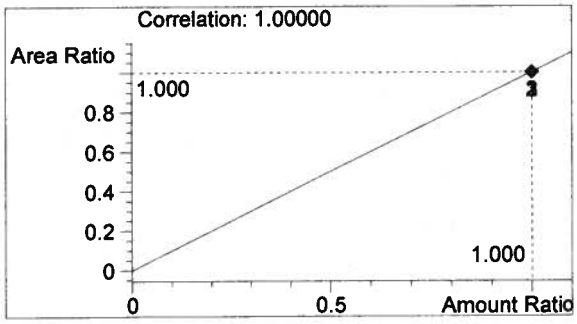
Sample Name: ESS 13014 #2
Operator: Chris Johnston
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.040
2	n-Propanol	2282	1.704



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

CJ

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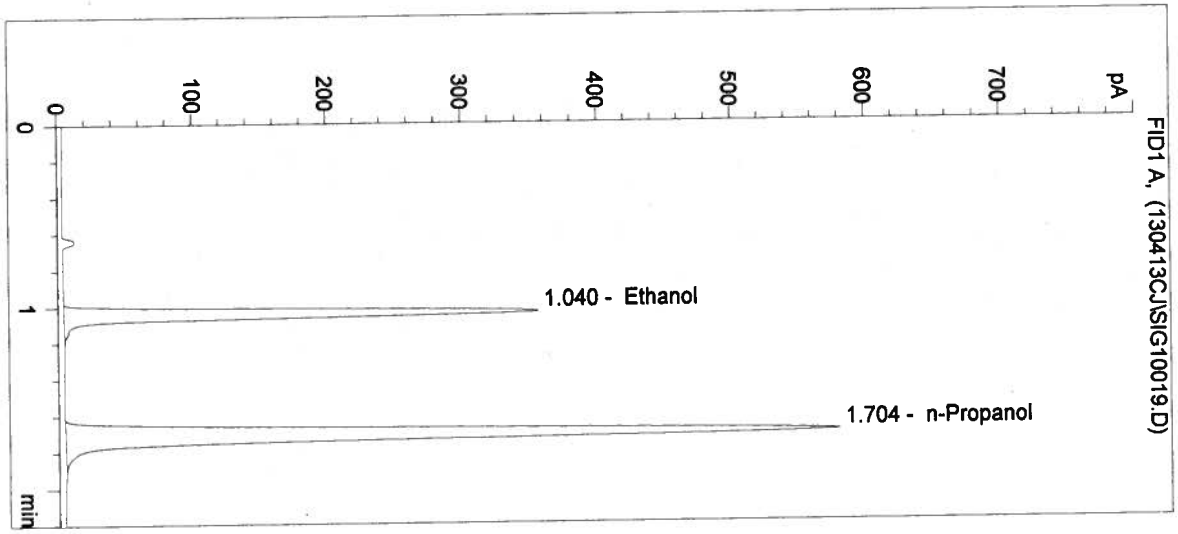
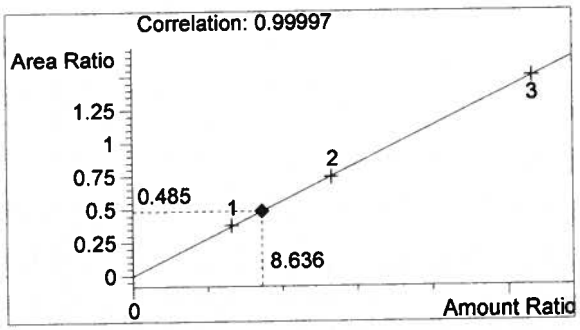
Inj. Date: 4/13/2013 5:08:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

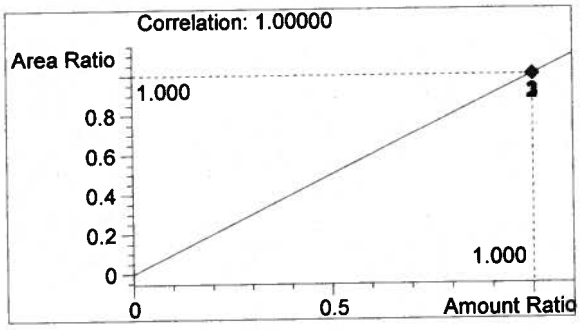
Sample Name: ESS 13014 #3
Operator: Chris Johnston
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.040
2	n-Propanol	2290	1.704



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\130413CJ\SIG10019.D

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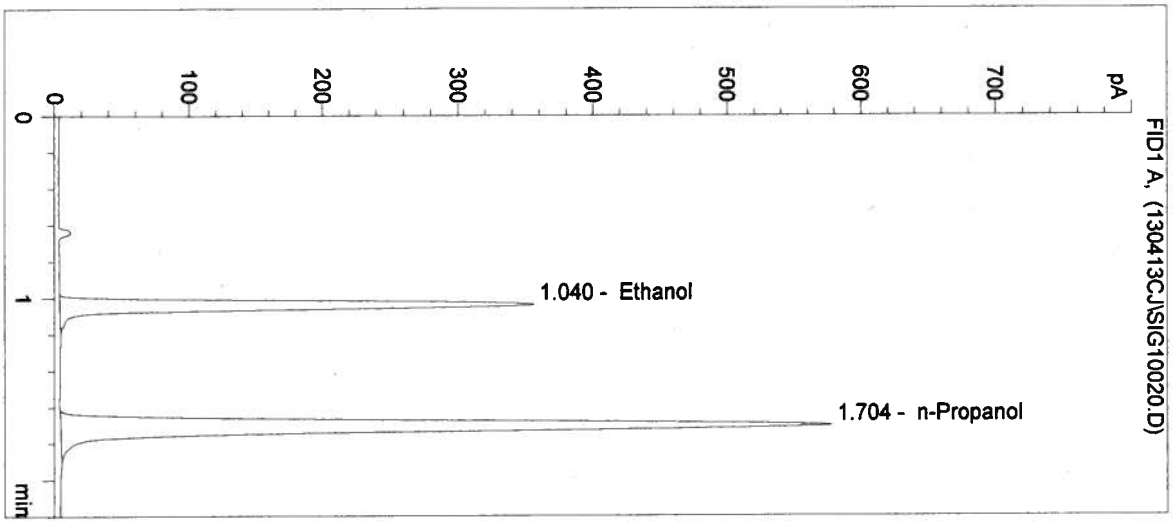
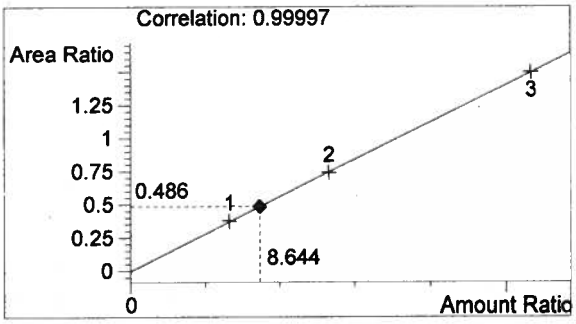
Inj. Date: 4/13/2013 5:11:44 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

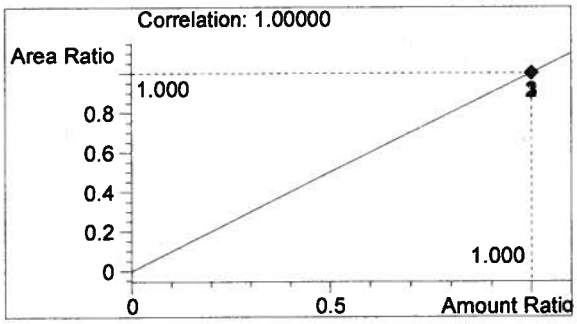
Sample Name: ESS 13014 #4
Operator: Chris Johnston
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	1109	1.040
2	n-Propanol	2282	1.704



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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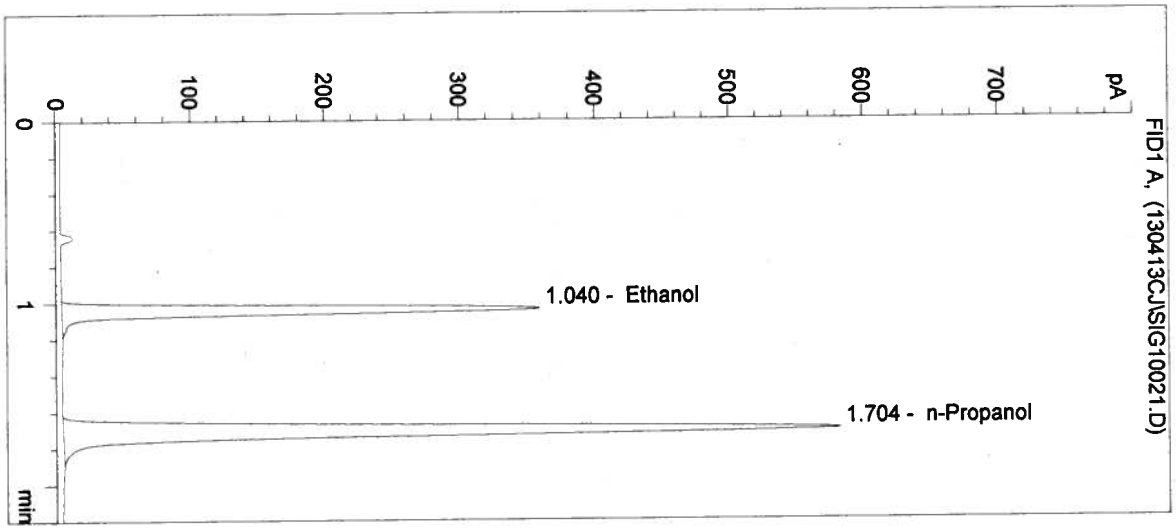
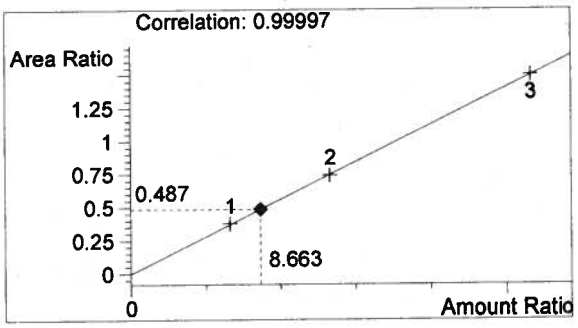
Inj. Date: 4/13/2013 5:14:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

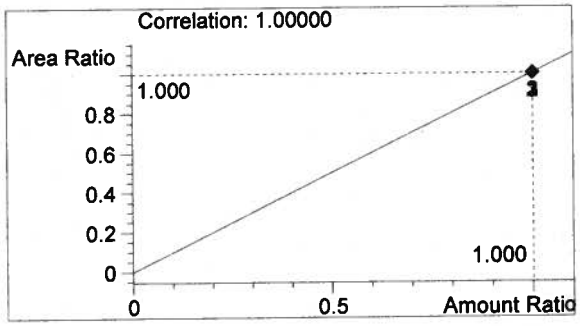
Sample Name: ESS 13014 #5
Operator: Chris Johnston
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.040
2	n-Propanol	2288	1.704



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

CJ

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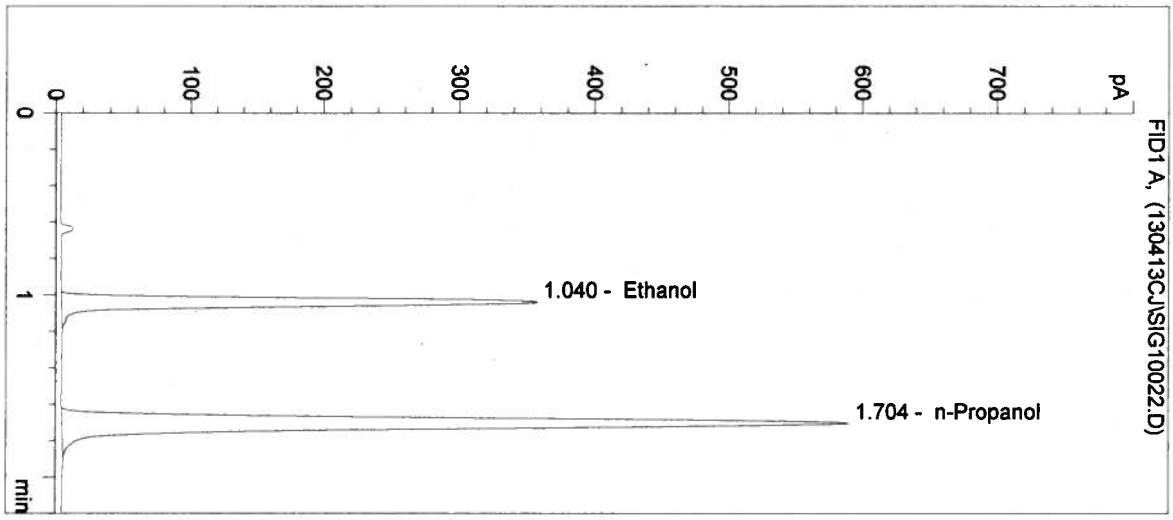
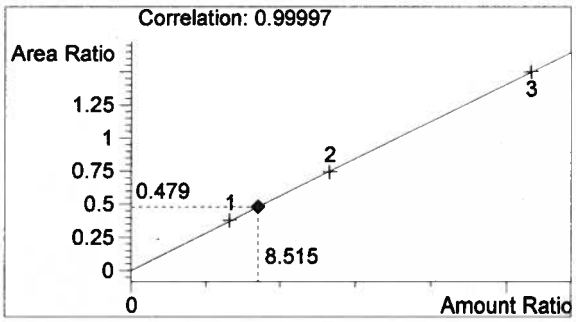
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 5:17:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

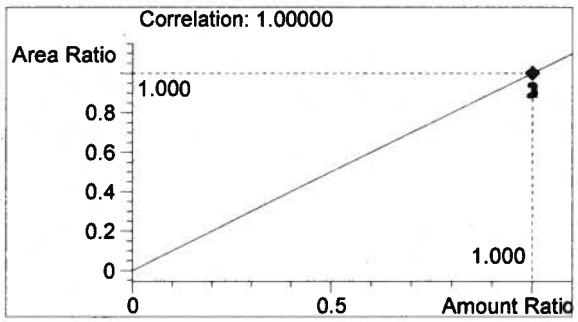
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	1111	1.040
2	n-Propanol	2320	1.704



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

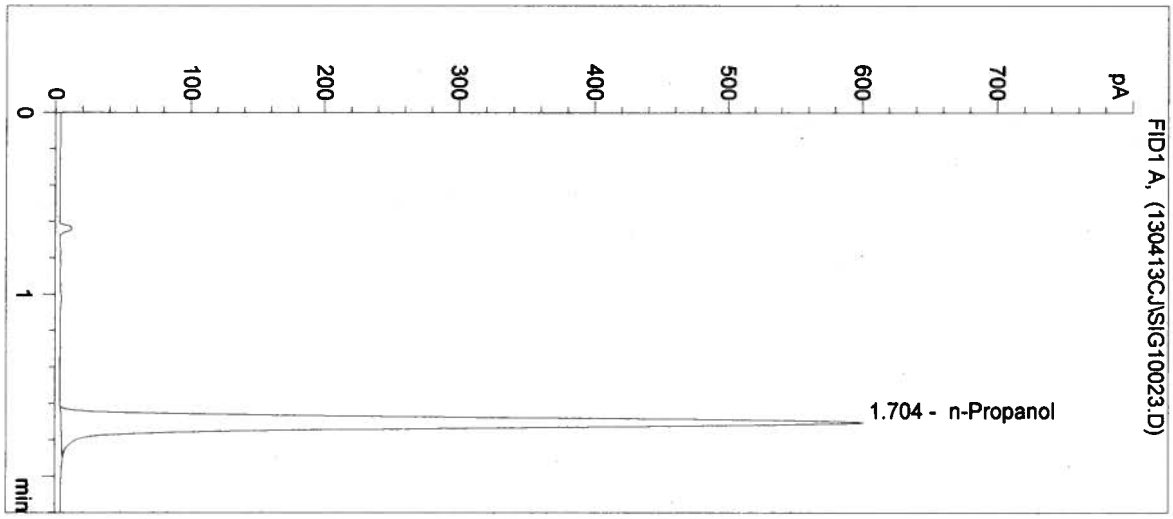
-13014

CJ

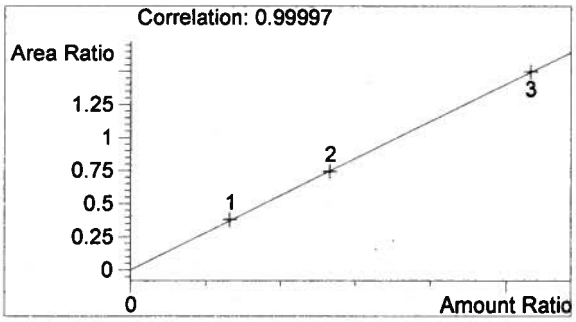
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2013 5:20:58 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

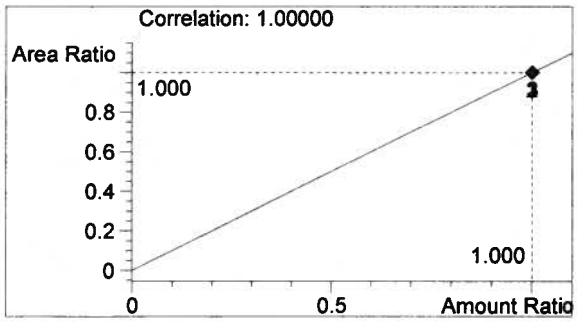
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2357	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

-13014

CJ

Sequence: C:\HPCHEM\1\SEQUENCE\RF-ESS1.S

Sequence Parameters:

Operator:	Rebecca Flaherty
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	130418RF
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot# A088613 - exp 09/2016
0.10 Control - Lot# A090924 - exp 01/2017
0.20 Control - Lot# A084657 - exp 02/2016
n-Propanol ISTD - Lot# P0313 - exp 6/01/2013
0.079 Cal 1 - Lot# E0213-01 - exp 8/20/2013
0.158 Cal 2 - Lot# E0213-02 - exp 8/20/2013
0.316 Cal 3 - Lot# E0213-03 - exp 8/20/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-RF	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-RF	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-RF	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		
10	Vial 10	13014 #1	SIMALC1	1	Sample		
11	Vial 11	13014 #2	SIMALC1	1	Sample		
12	Vial 12	13014 #3	SIMALC1	1	Sample		
13	Vial 13	13014 #4	SIMALC1	1	Sample		
14	Vial 14	13014 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CONTROL-RF	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		

-13014

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

RF

Sequence: C:\HPCHEM\1\SEQUENCE\RF-ESS1.S

Sequence Table (Back Injector):

No entries - empty table!

-13014

RF

Method C:\HPCHEM\1\METHODS\SIMALC1.M

Calibration Table

Calib. Data Modified : Thursday, April 18, 2013 3:43:37 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	7.93800e-2	839.04047	9.46081e-5	1		Ethanol
		2	1.59660e-1	1674.28699	9.53600e-5			
		3	3.19080e-1	3366.48120	9.47815e-5			
1.704	1	1	1.20000e-2	2248.50342	5.33688e-6	I1		n-Propanol
		2	1.20000e-2	2218.46875	5.40914e-6			
		3	1.20000e-2	2243.52808	5.34872e-6			

Peak Sum Table

No Entries in table

-13014

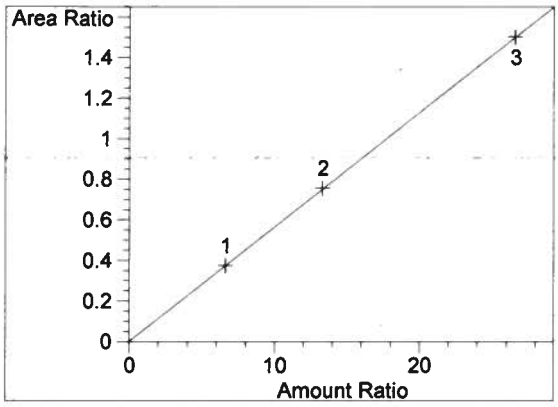
RF

Method C:\HPCHEM\1\METHODS\SIMALC1.M

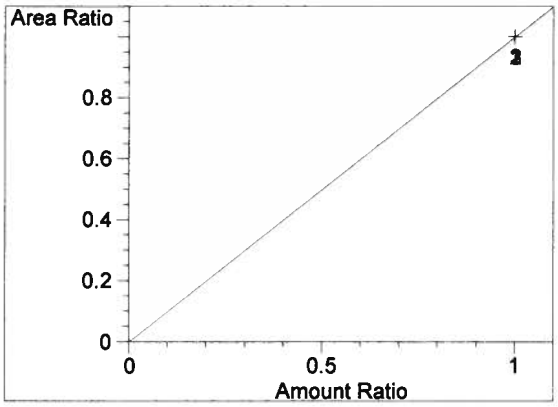
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00239
Formula: y = mx + b
m: -5.64508e-2
b: 7.15929e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.704
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

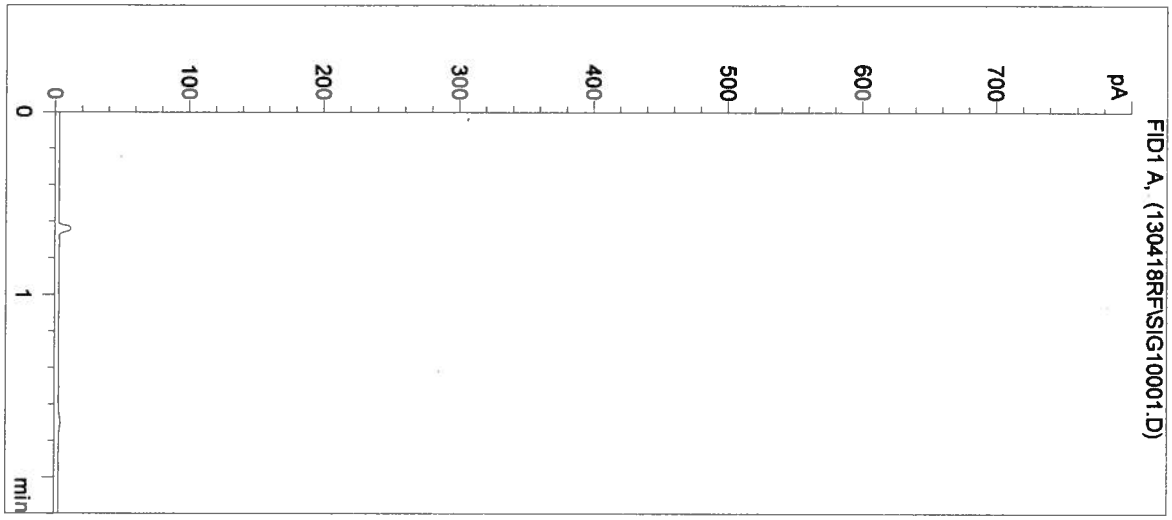
-13014

RF

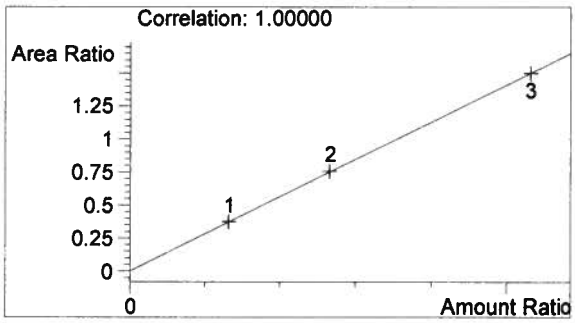
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 3:32:10 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

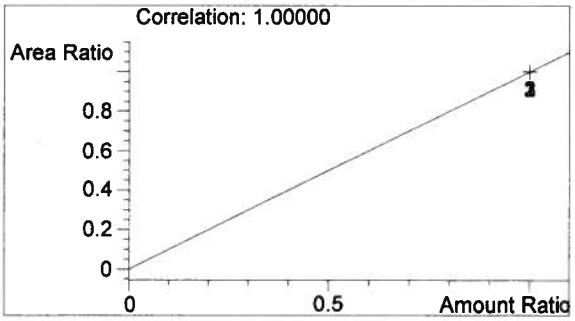
Sample Name: BLANK
Operator: Rebecca Flaherty
Location: Vial 1



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

-13014

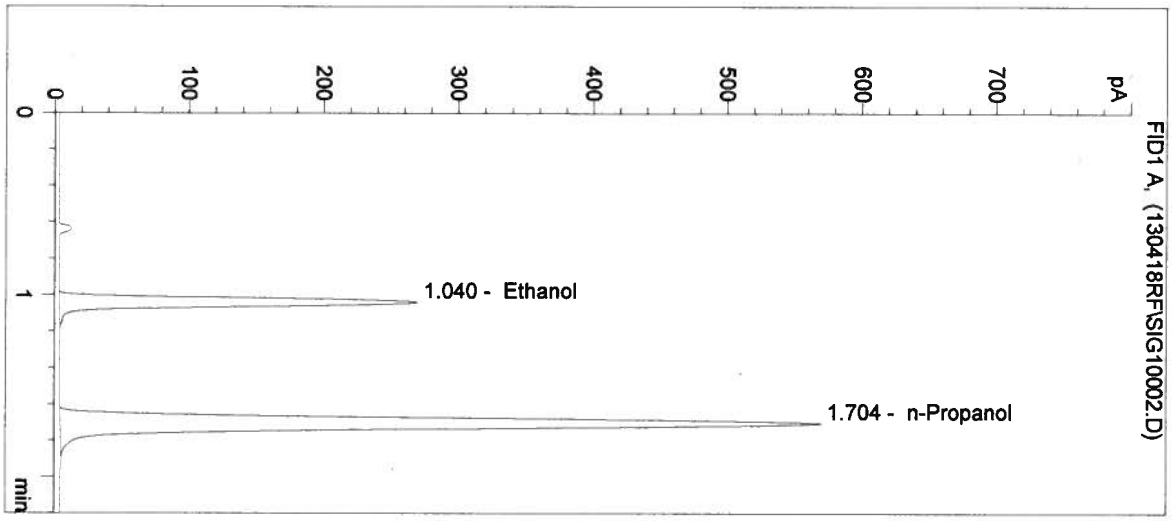
RF

Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

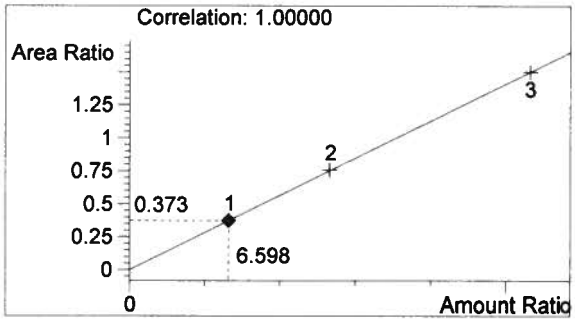
Inj. Date: 4/18/2013 3:35:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.079 CAL 1
Operator: Rebecca Flaherty
Location: Vial 2

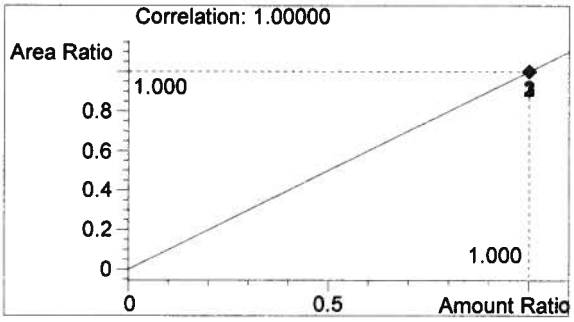
->



#	Compound	Peak Area	RT (min)
1	Ethanol	839	1.040
2	n-Propanol	2249	1.704



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

-13014

Data File: C:\HPCHEM\1\DATA\130418RF\SIG10002.D

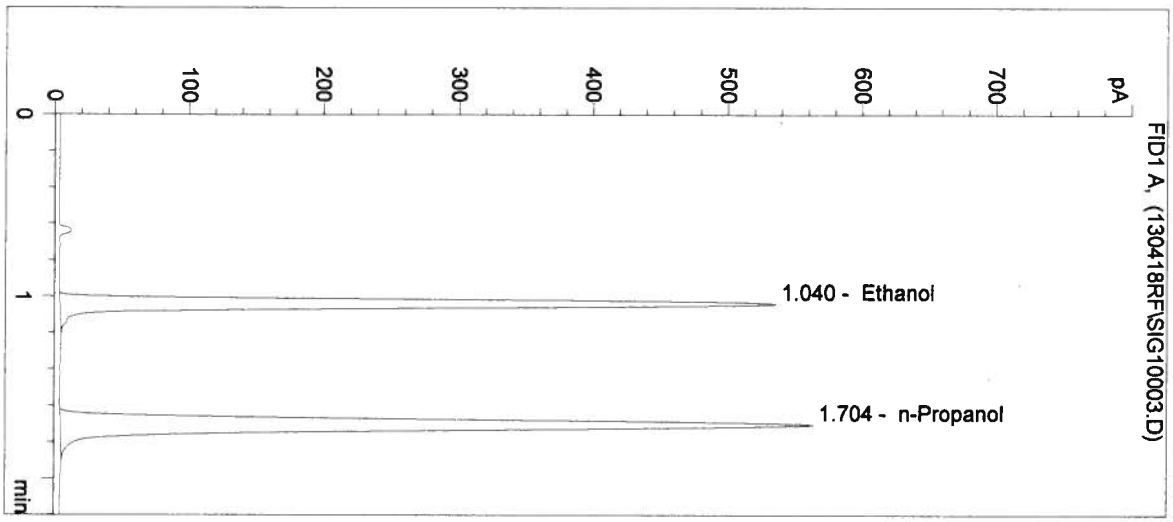
RF

Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

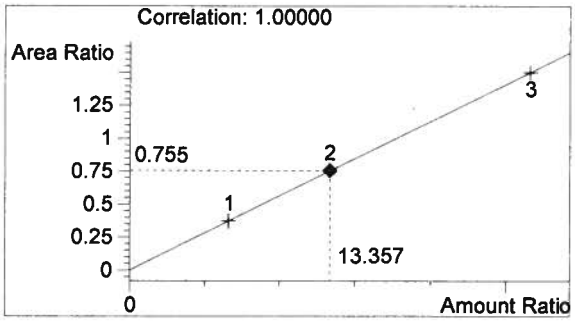
Inj. Date: 4/18/2013 3:38:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.158 CAL 2
Operator: Rebecca Flaherty
Location: Vial 3

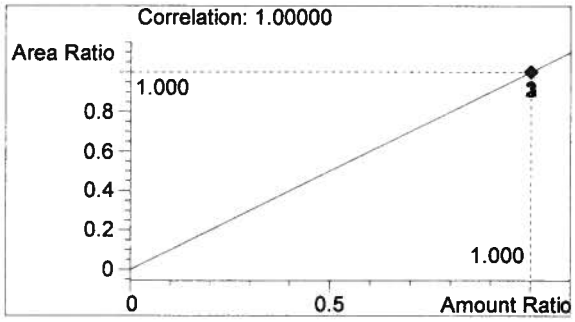
->



#	Compound	Peak Area	RT (min)
1	Ethanol	1674	1.040
2	n-Propanol	2218	1.704



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

-13014

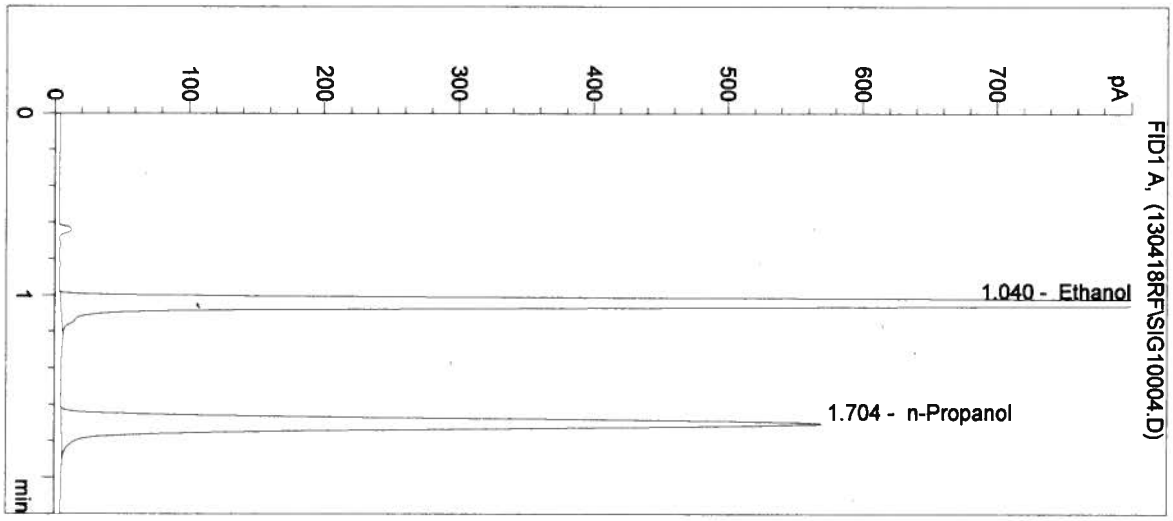
RF

Data File: C:\HPCHEM\1\DATA\130418RF\SIG10003.D

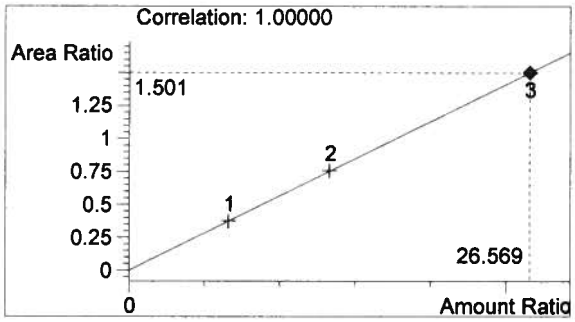
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 3:41:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

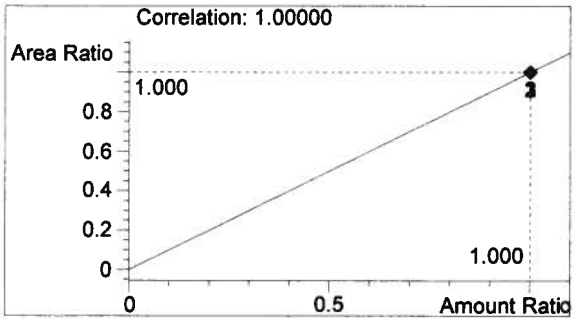
Sample Name: 0.316 CAL 3
Operator: Rebecca Flaherty
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3366	1.040
2	n-Propanol	2244	1.704



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

-13014

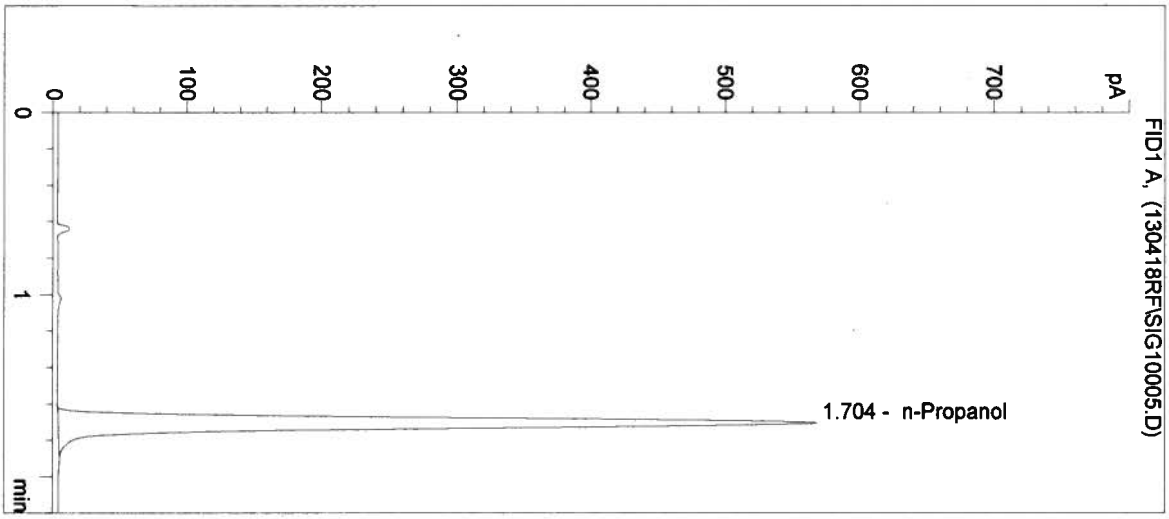
Data File: C:\HPCHEM\1\DATA\130418RF\SIG10004.D

RF

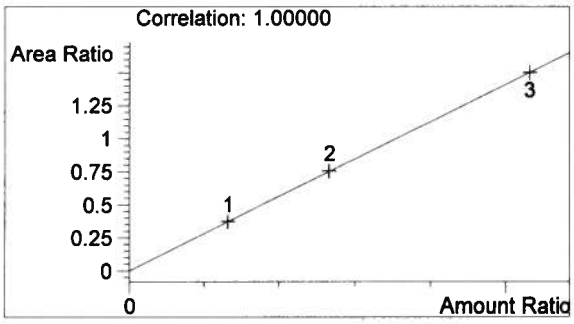
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 3:44:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

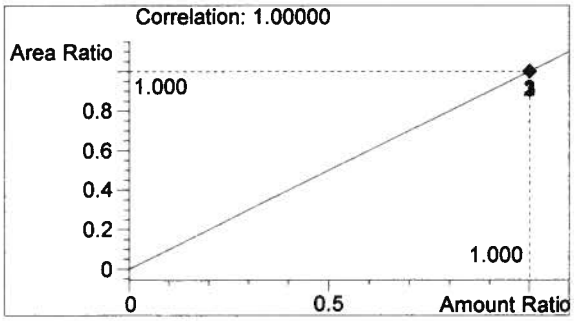
Sample Name: NEG CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2237	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

-13014

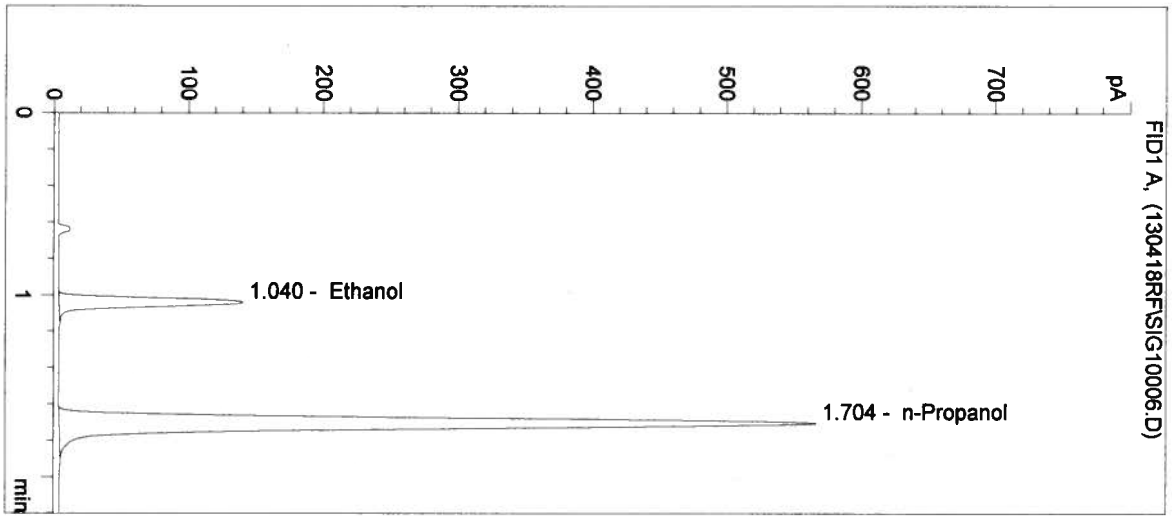
Data File: C:\HPCHEM\1\DATA\130418RF\SIG10005.D

RF

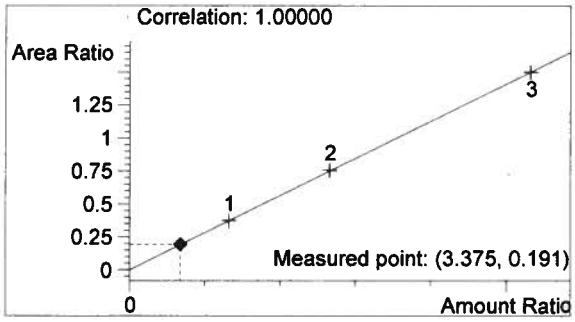
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 3:47:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

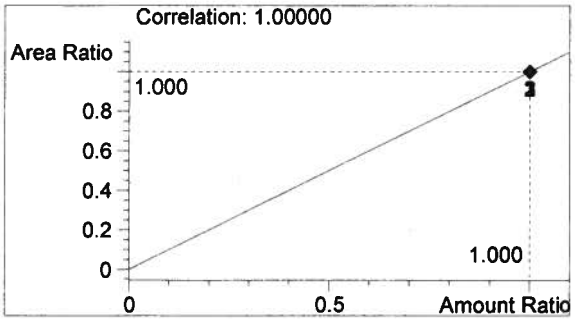
Sample Name: 0.04 CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	426	1.040
2	n-Propanol	2230	1.704



Ethanol 0.040 g/100mL



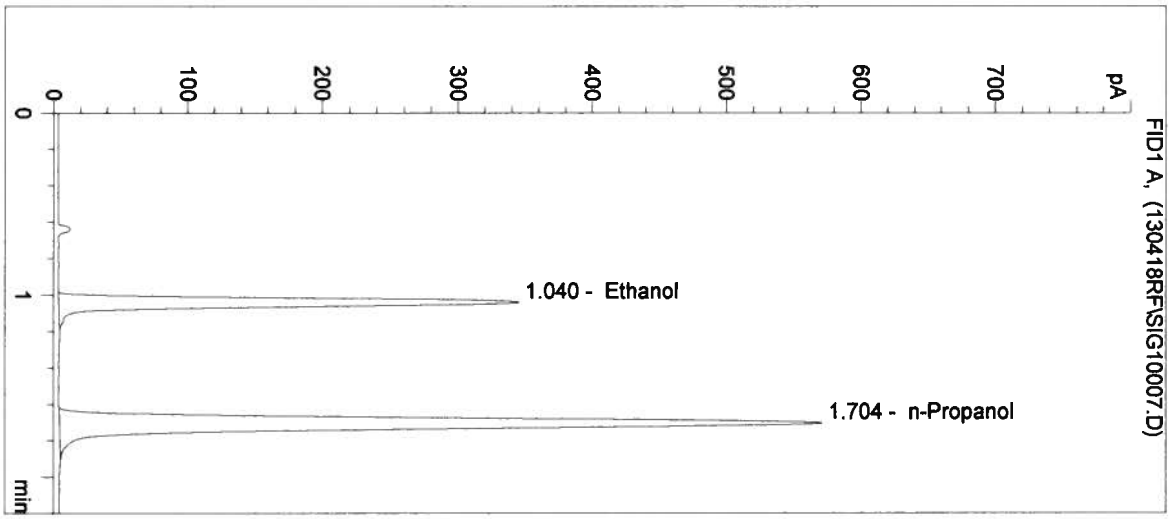
n-Propanol 0.012 g/100mL

-13014

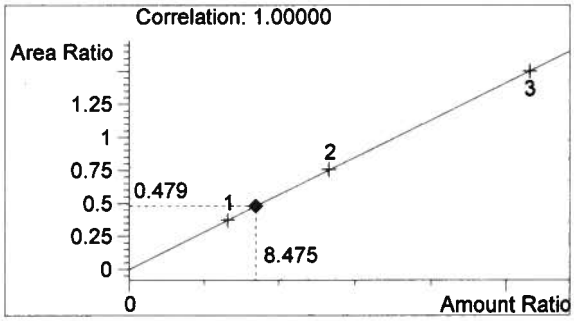
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 3:50:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

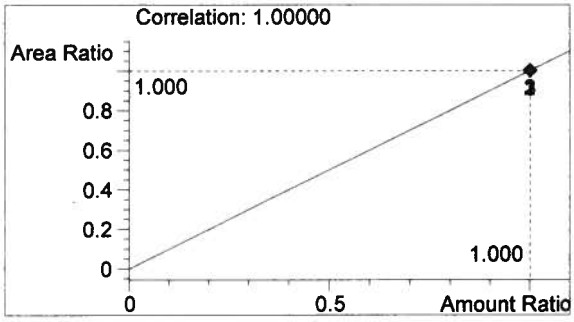
Sample Name: 0.10 CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1081	1.040
2	n-Propanol	2257	1.704



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

-13014

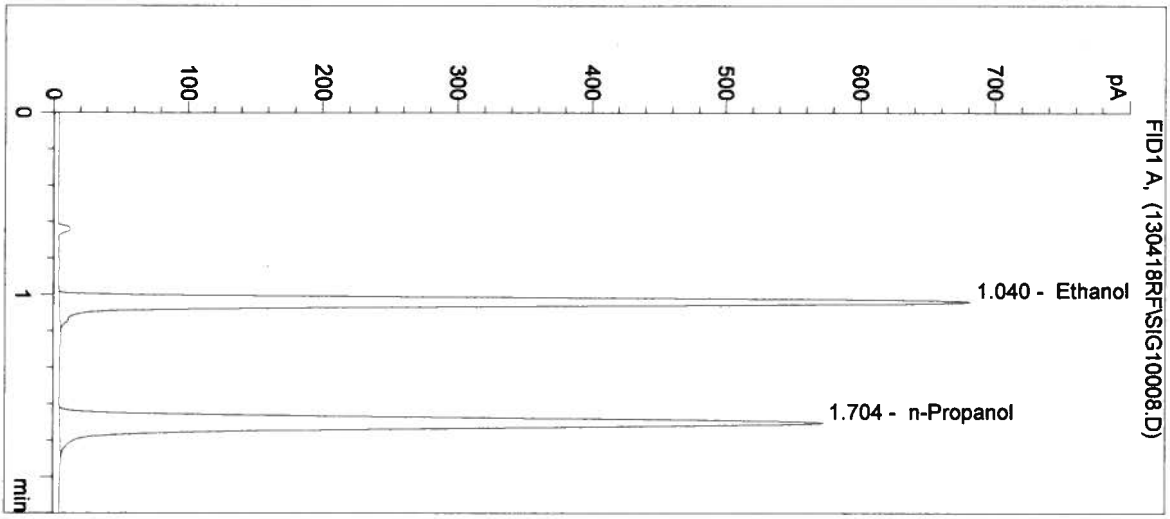
Data File: C:\HPCHEM\1\DATA\130418RF\SIG10007.D

RF

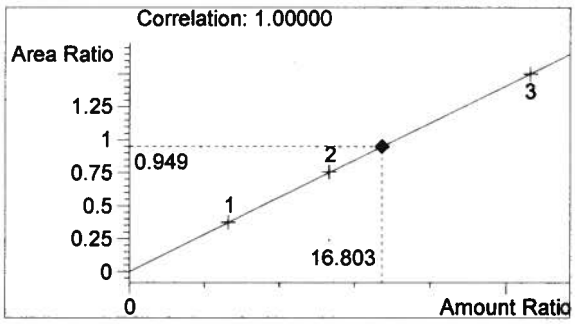
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 3:53:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

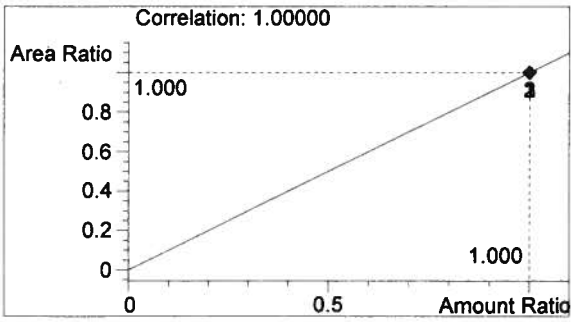
Sample Name: 0.20 CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2148	1.040
2	n-Propanol	2262	1.704



Ethanol 0.202 g/100mL



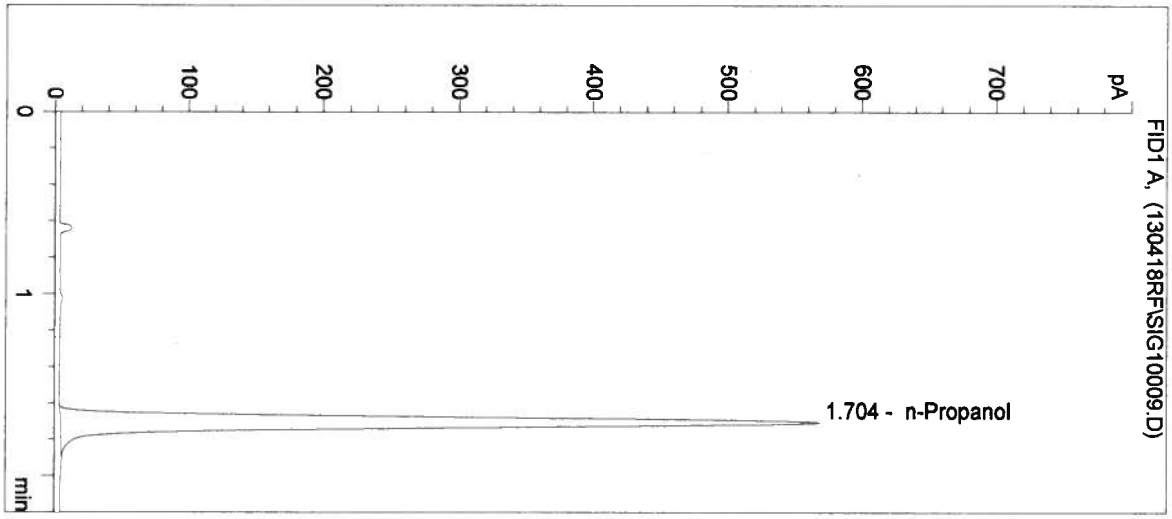
n-Propanol 0.012 g/100mL

-13014

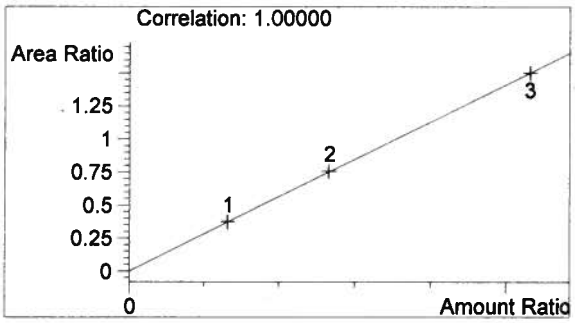
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 3:56:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

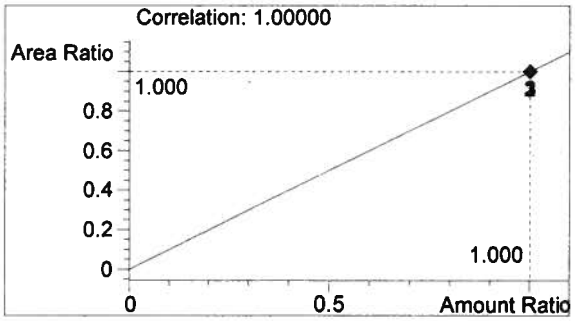
Sample Name: NEG CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2234	1.704



Ethanol 0.000 g/100mL



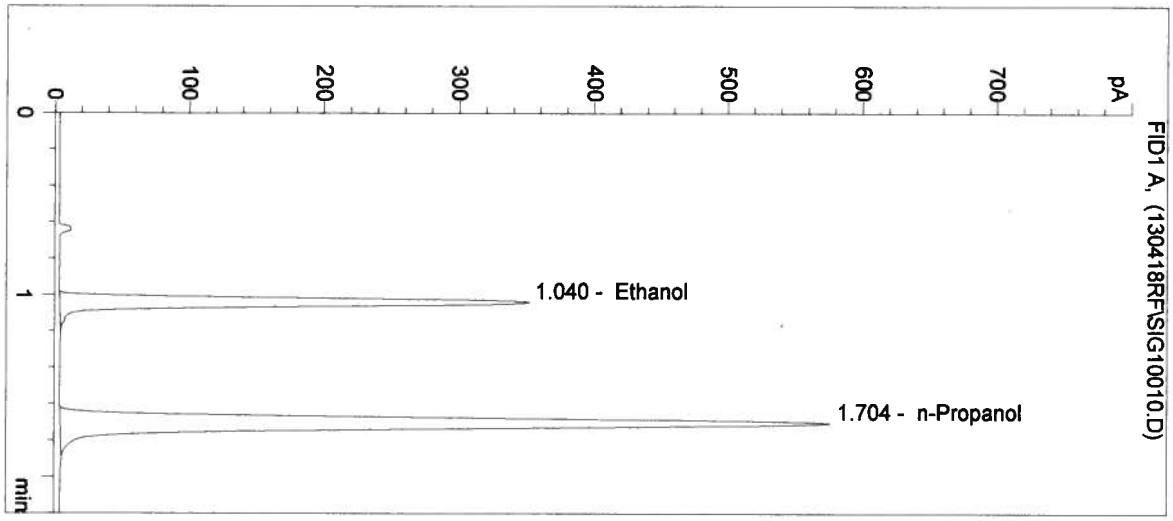
n-Propanol 0.012 g/100mL

-13014

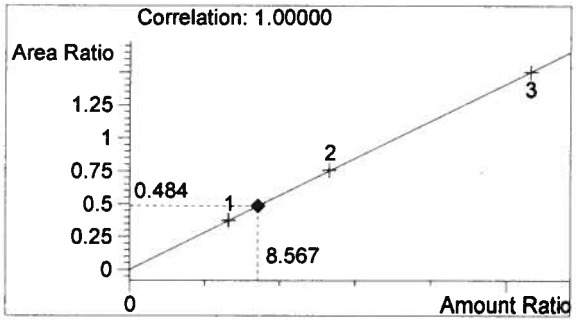
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 3:59:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

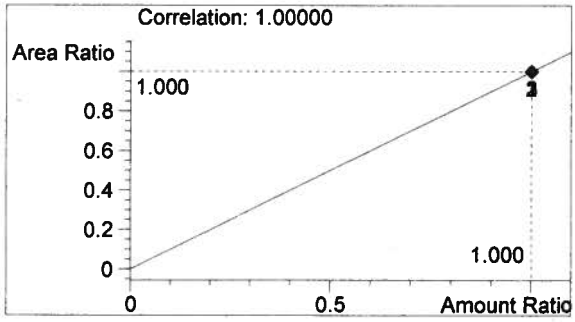
Sample Name: 13014 #1
Operator: Rebecca Flaherty
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1103	1.040
2	n-Propanol	2277	1.704



Ethanol 0.103 g/100mL

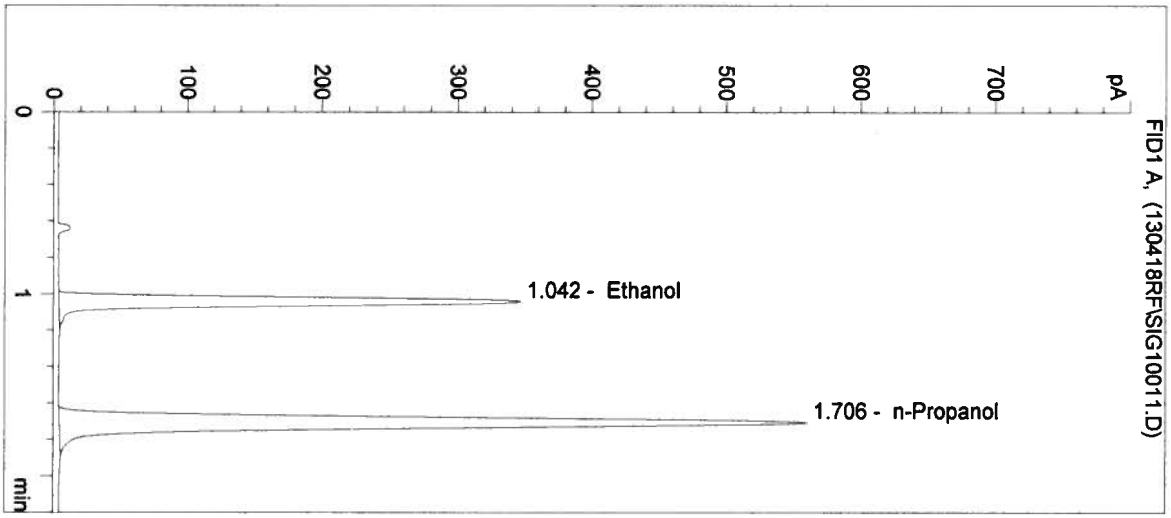


n-Propanol 0.012 g/100mL

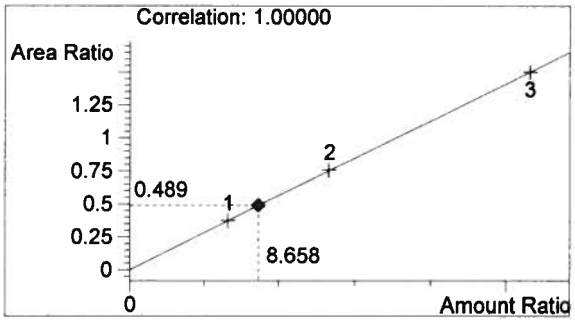
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 4:02:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

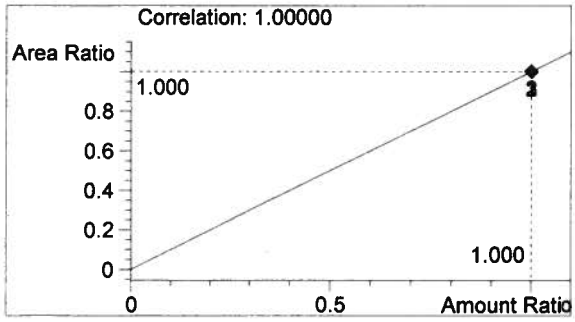
Sample Name: 13014 #2
Operator: Rebecca Flaherty
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1082	1.042
2	n-Propanol	2212	1.706



Ethanol 0.104 g/100mL

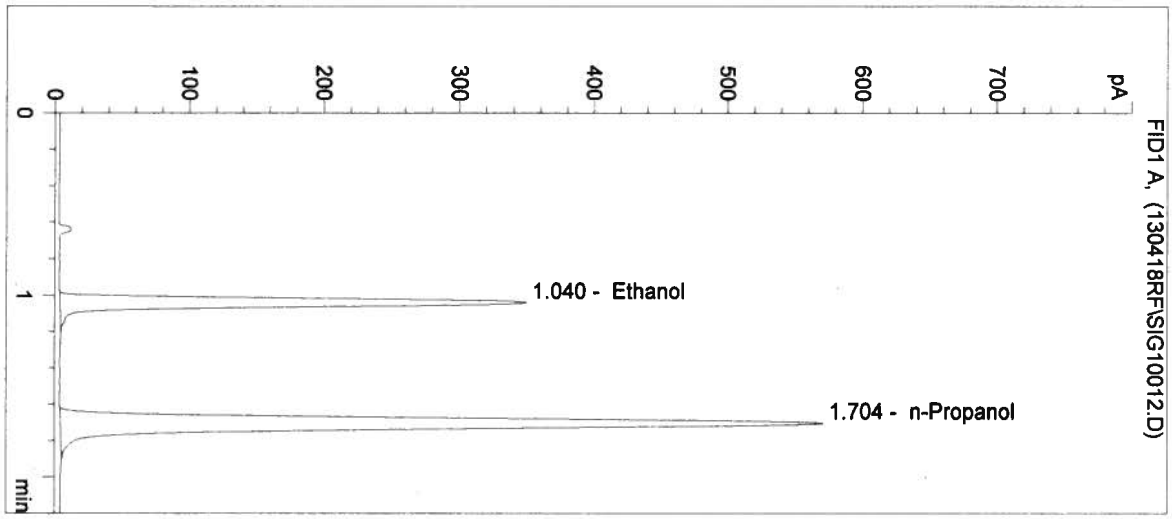


n-Propanol 0.012 g/100mL

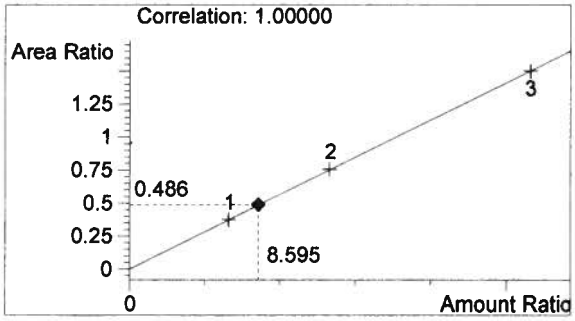
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 4:06:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

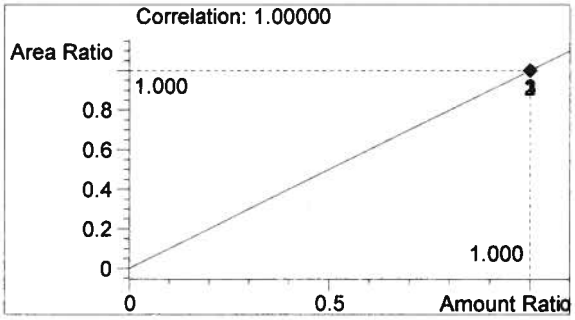
Sample Name: 13014 #3
Operator: Rebecca Flaherty
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1099	1.040
2	n-Propanol	2263	1.704



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

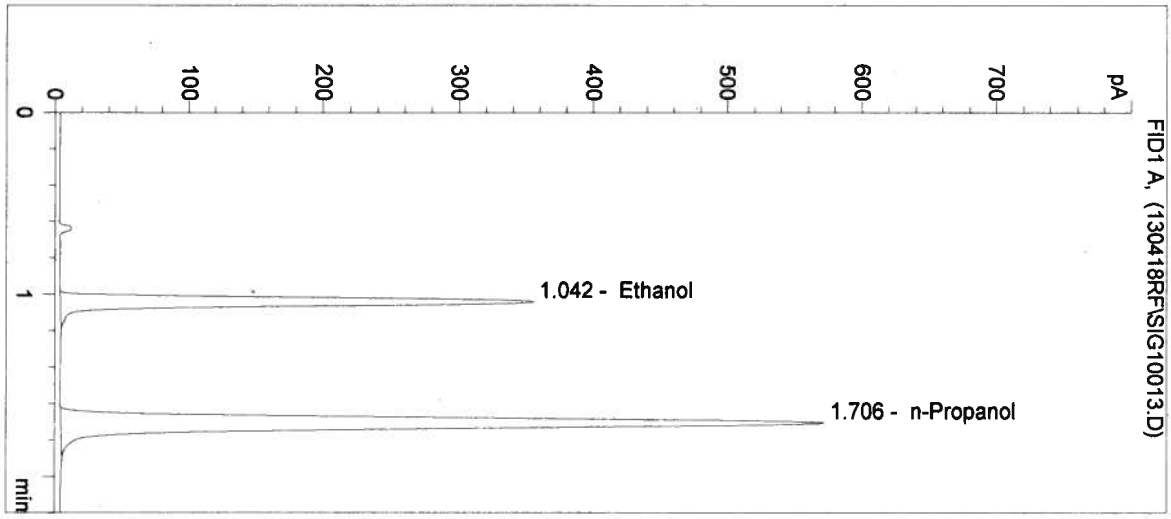
Data File: C:\HPCHEM\1\DATA\130418RF\SIG10012.D

RF

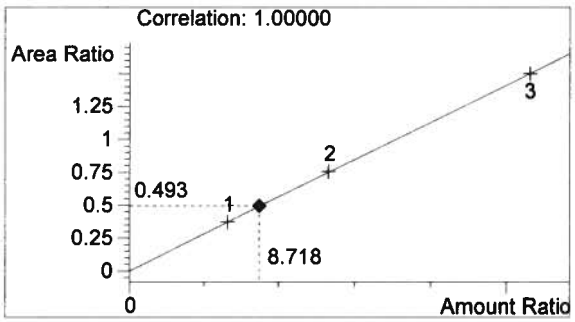
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 4:09:07 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

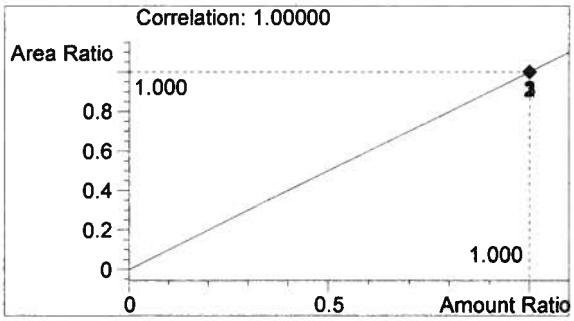
Sample Name: 13014 #4
Operator: Rebecca Flaherty
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1109	1.042
2	n-Propanol	2251	1.706



Ethanol 0.105 g/100mL



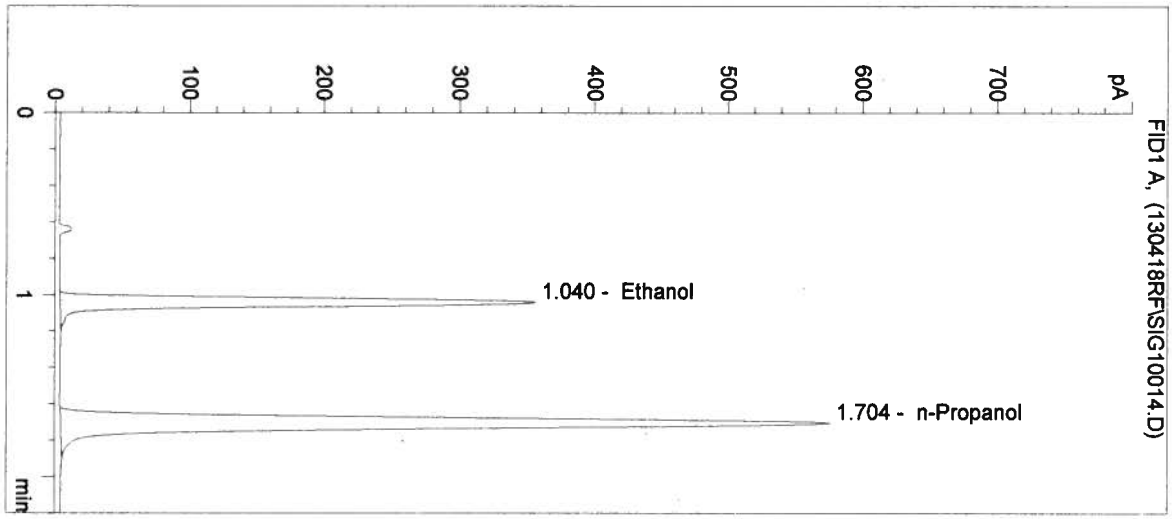
n-Propanol 0.012 g/100mL

RF

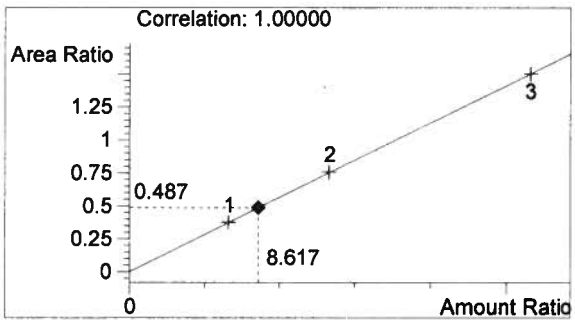
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 4:12:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

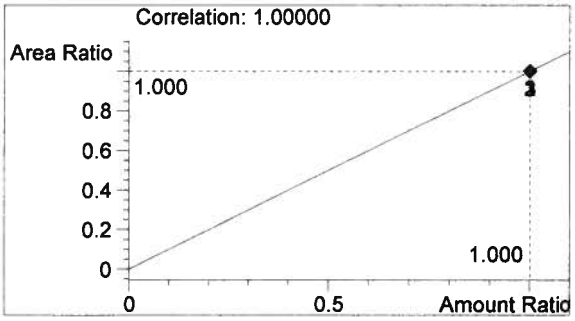
Sample Name: 13014 #5
Operator: Rebecca Flaherty
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.040
2	n-Propanol	2274	1.704



Ethanol 0.103 g/100mL



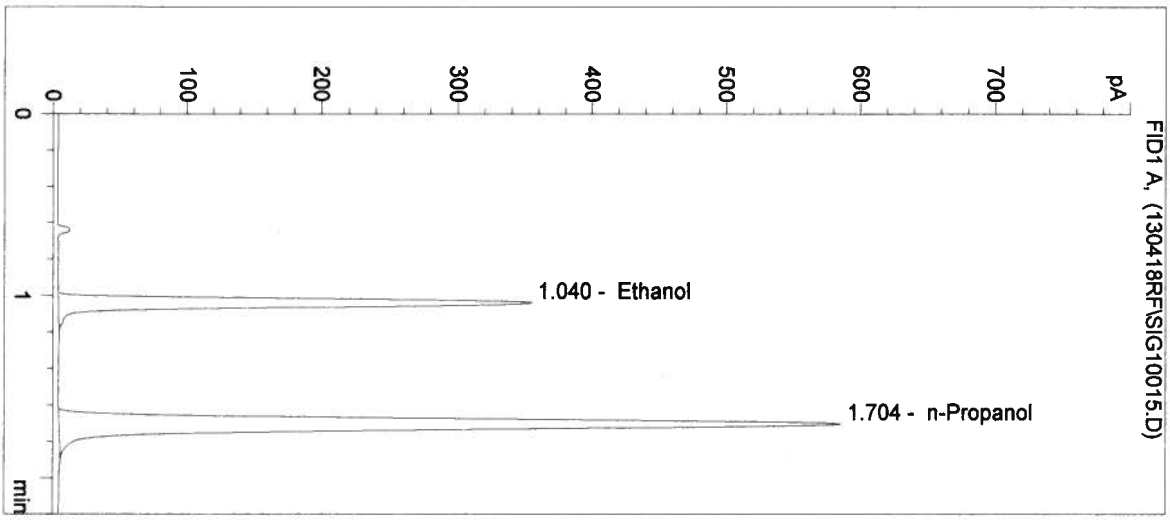
n-Propanol 0.012 g/100mL

RF

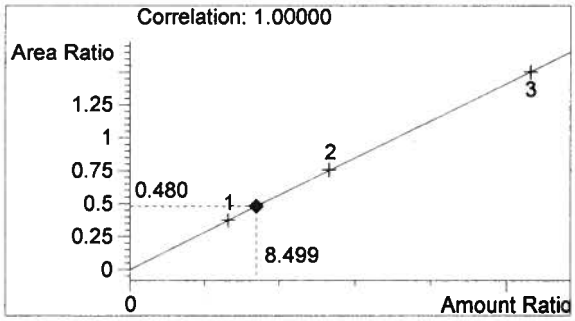
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 4:15:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

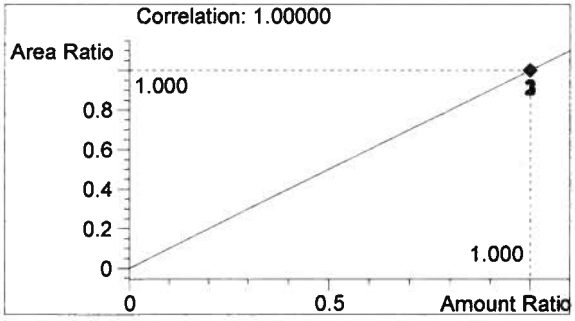
Sample Name: 0.10 CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.040
2	n-Propanol	2314	1.704



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

-1301

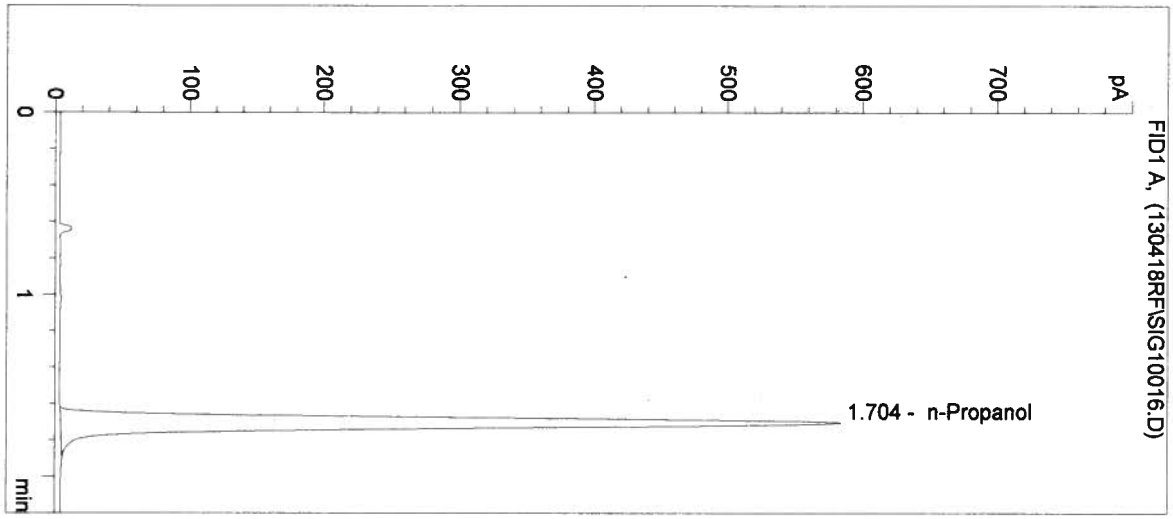
RG

Data File: C:\HPCHEM\1\DATA\130418RF\SIG10015.D

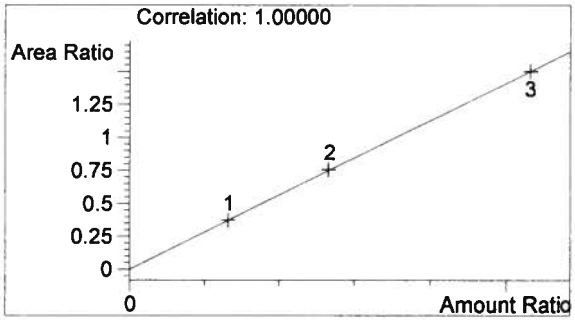
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 4:18:21 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

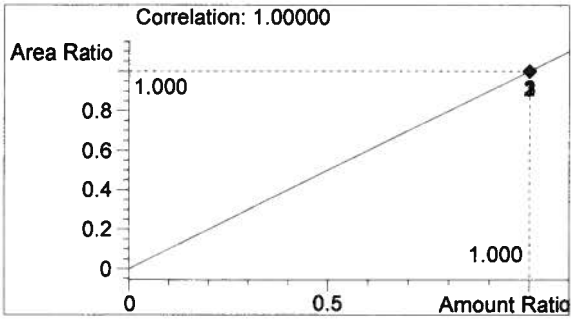
Sample Name: NEG CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2304	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

-13014

Sequence: C:\HPCHEM\1\SEQUENCE\BOEXSTD.S

Sequence Parameters:

Operator:	Brianne E. O'Reilly
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	130418BO
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1 - Lot: E0213-01 - exp 8/20/2013
Cal 2 - Lot: E0213-02 - exp 8/20/2013
Cal 3 - Lot: E0213-03 - exp 8/20/2013
CTRL 1: 0.04 g/100 mL - Lot # A088613 - exp 09/2016
CTRL 2: 0.10 g/100 mL - Lot # A090924 - exp 01/2017
CTRL 3: 0.20 g/100 mL - Lot # A084657 - exp 02/2016
n-Propanol ISTD - Lot: P0313 - exp: 6/1/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Calib		
3	Vial 3	CAL 2 (0.158)	SIMALC1	1	Calib		
4	Vial 4	CAL 3 (0.316)	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - BO	SIMALC1	1	Ctrl Samp		
6	Vial 6	CTRL 1 (0.04)-BO	SIMALC1	1	Ctrl Samp		
7	Vial 7	CTRL 2 (0.10)-BO	SIMALC1	1	Ctrl Samp		
8	Vial 8	CTRL 3 (0.20)-BO	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - BO	SIMALC1	1	Ctrl Samp		
10	Vial 10	13009 #1	SIMALC1	1	Sample		
11	Vial 11	13009 #2	SIMALC1	1	Sample		
12	Vial 12	13009 #3	SIMALC1	1	Sample		
13	Vial 13	13009 #4	SIMALC1	1	Sample		
14	Vial 14	13009 #5	SIMALC1	1	Sample		
15	Vial 15	CTRL 2 (0.10)-BO	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - BO	SIMALC1	1	Ctrl Samp		
17	Vial 17	13014 #1	SIMALC1	1	Sample		
18	Vial 18	13014 #2	SIMALC1	1	Sample		
19	Vial 19	13014 #3	SIMALC1	1	Sample		
20	Vial 20	13014 #4	SIMALC1	1	Sample		
21	Vial 21	13014 #5	SIMALC1	1	Sample		
22	Vial 22	CTRL 2 (0.10)-BO	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL - BO	SIMALC1	1	Ctrl Samp		

-13014

Calibration Part:

BEO

Sequence: C:\HPCHEM\1\SEQUENCE\BOEXSTD.S

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Replace	Replace	
3	Vial 3	CAL 2 (0.158)	SIMALC1	2	Replace	Replace	
4	Vial 4	CAL 3 (0.316)	SIMALC1	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

-13014

BEO

Method C:\HPCHEM\1\METHODS\SIMALC1.M

Calibration Table

Calib. Data Modified : Thursday, April 18, 2013 10:32:40 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref Grp	Name
1.043	1	1	7.93800e-2	924.69061	8.58449e-5	1	Ethanol
		2	1.59660e-1	2002.79761	7.97185e-5		
		3	3.19080e-1	3473.86279	9.18516e-5		
1.707	1	1	1.20000e-2	2392.77783	5.01509e-6	I1	n-Propanol
		2	1.20000e-2	2539.27905	4.72575e-6		
		3	1.20000e-2	2267.62329	5.29188e-6		

Peak Sum Table

No Entries in table

-13014

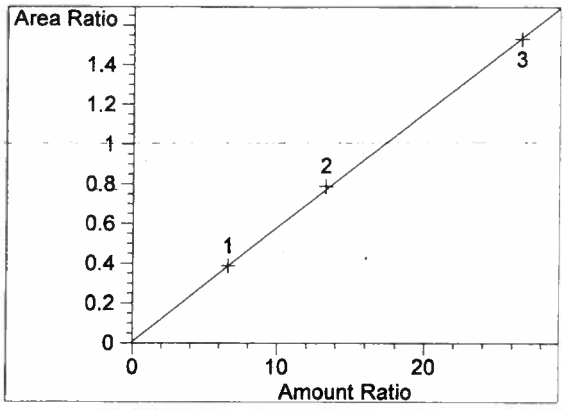
BW

Method C:\HPCHEM\1\METHODS\SIMALC1.M

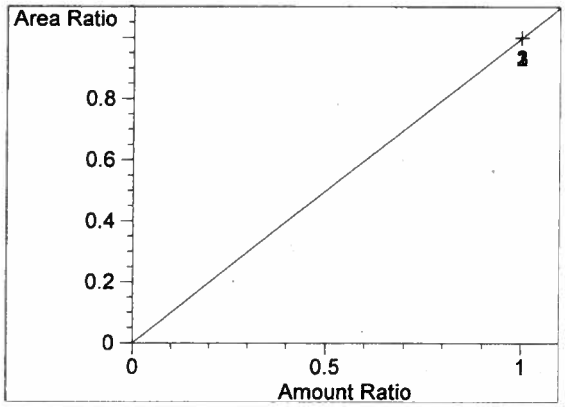
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.043
FID1 A,
Correlation: 0.99987
Residual Std. Dev.: 0.01286
Formula: y = mx + b
m: 5.76404e-2
b: 6.56573e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.707
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

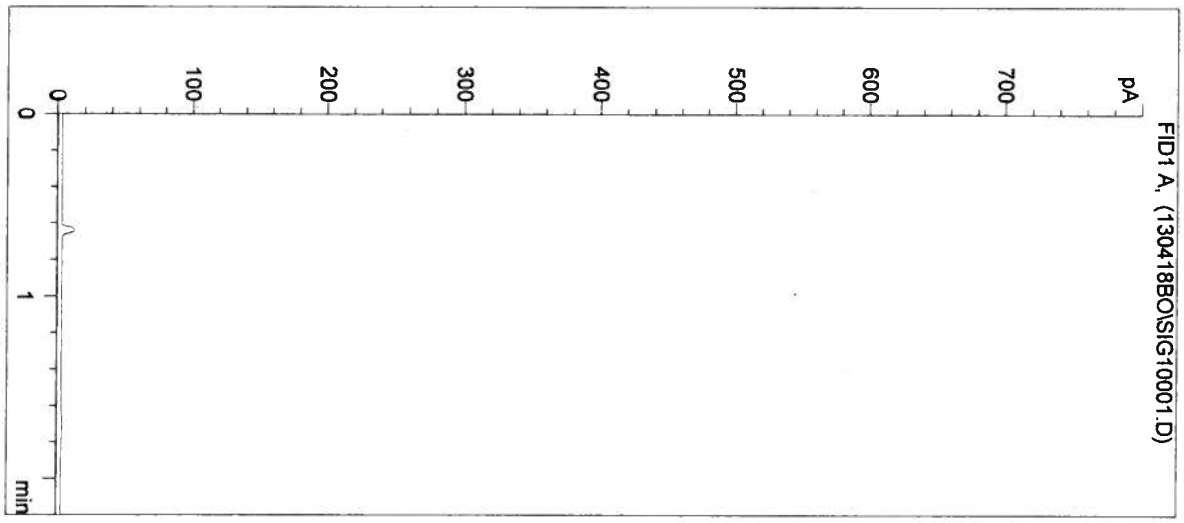
-13014

BW

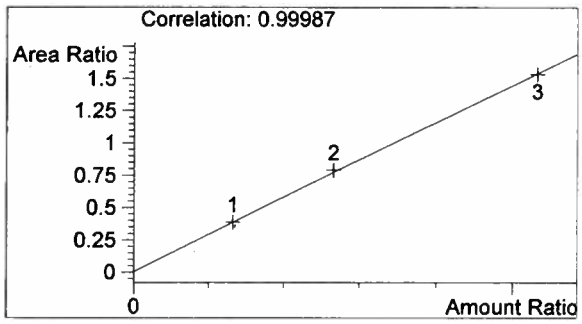
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 10:21:13 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

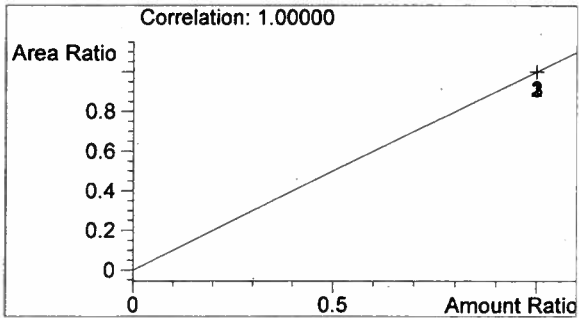
Sample Name: BLANK
Operator: Brianne E. O'Reilly
Location: Vial 1



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

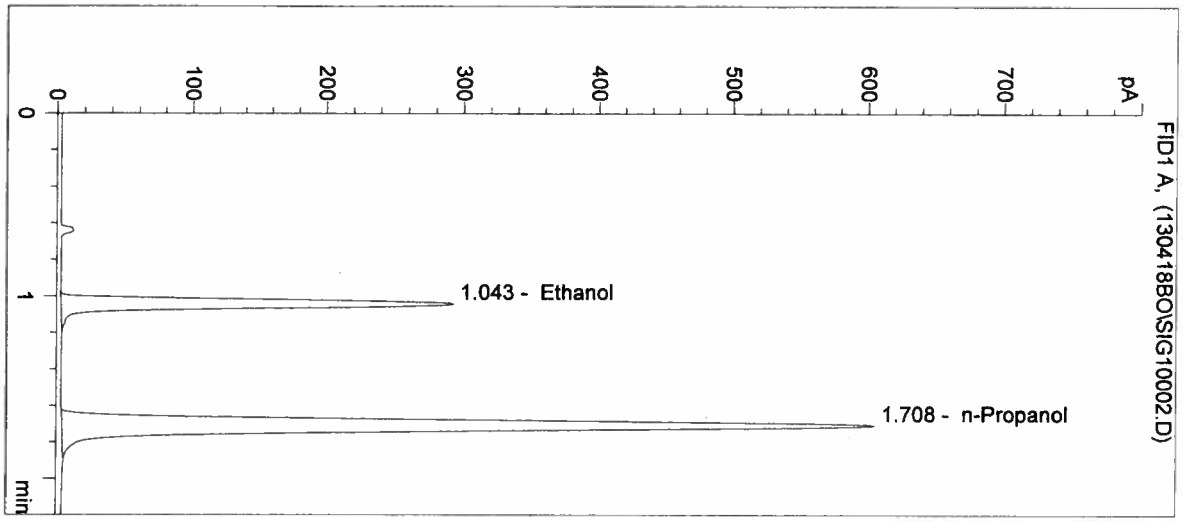
-13014

BEO

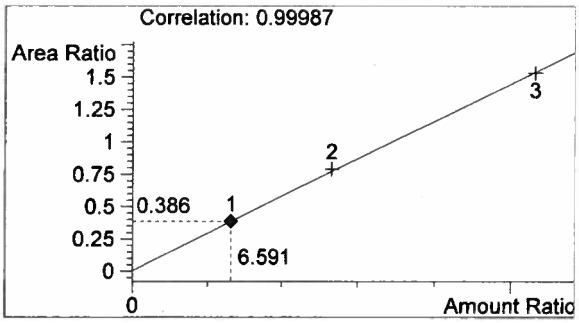
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 10:24:18 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 1: 0.079 g/100 mL

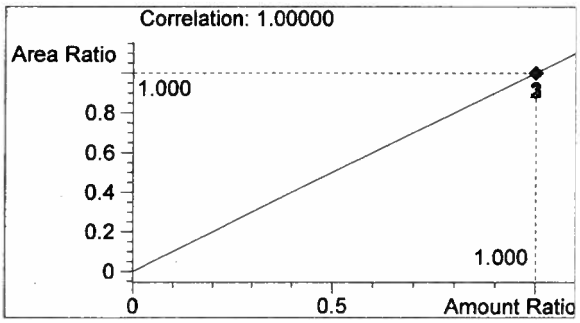
Sample Name: CAL 1 (0.079)
Operator: Brianne E. O'Reilly
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	925	1.043
2	n-Propanol	2393	1.708



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

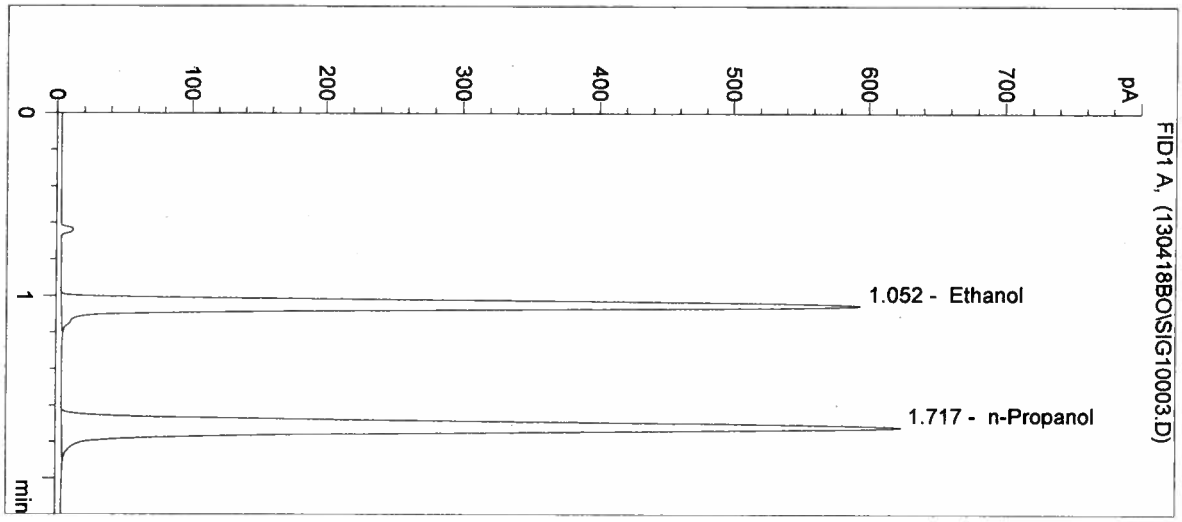
-13014

BLF

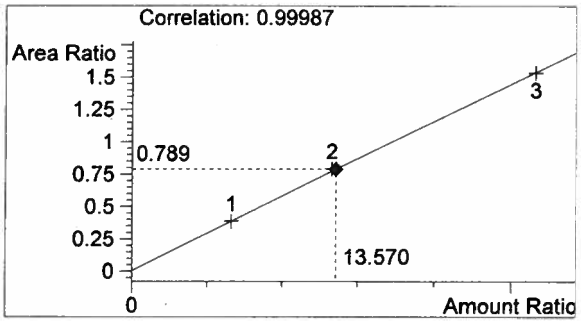
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 10:27:23 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 2 0.158 g/100 mL

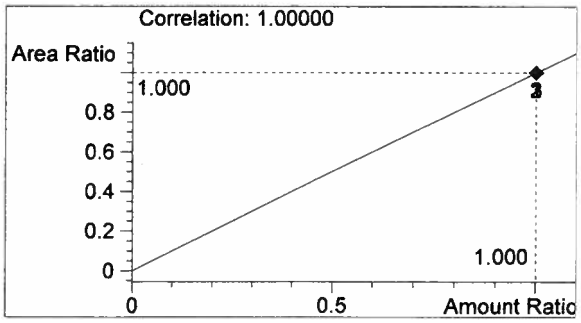
Sample Name: CAL 2 (0.158)
Operator: Brianne E. O'Reilly
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	2003	1.052
2	n-Propanol	2539	1.717



Ethanol 0.163 g/100mL



n-Propanol 0.012 g/100mL

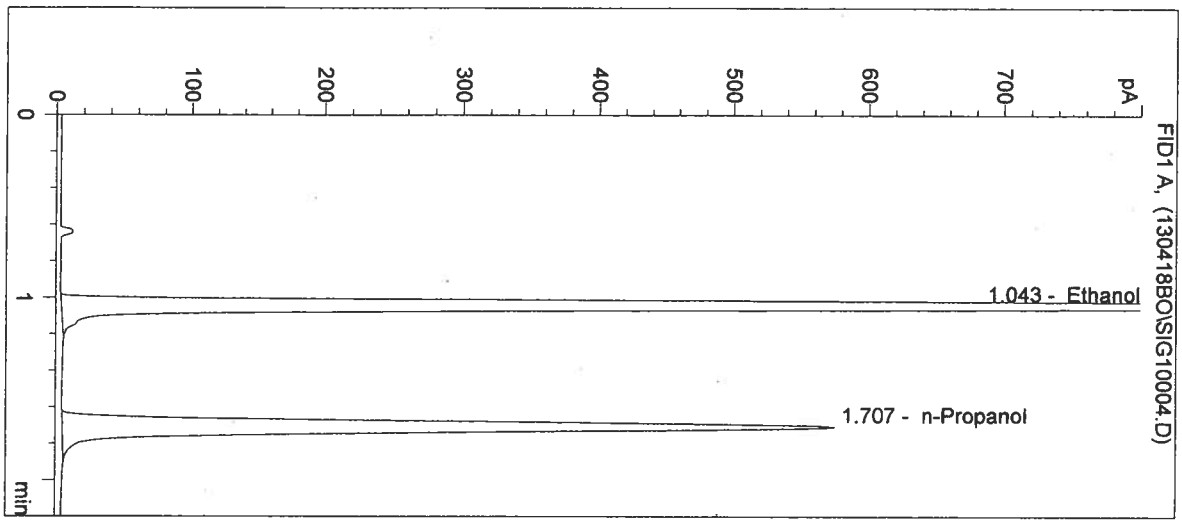
-13014

Data File: C:\HPCHEM\1\DATA\130418BO\SIG10003.D

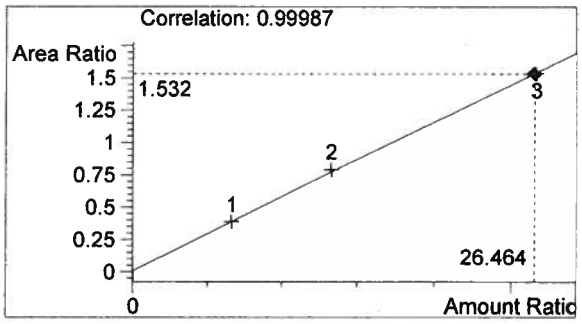
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 10:30:27 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 3: 0.316 g/100 mL

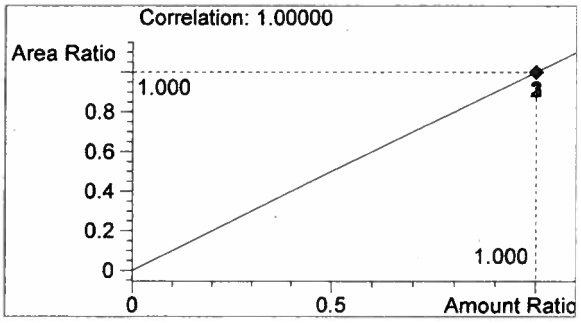
Sample Name: CAL 3 (0.316)
Operator: Brianne E. O'Reilly
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3474	1.043
2	n-Propanol	2268	1.707



Ethanol 0.318 g/100mL



n-Propanol 0.012 g/100mL

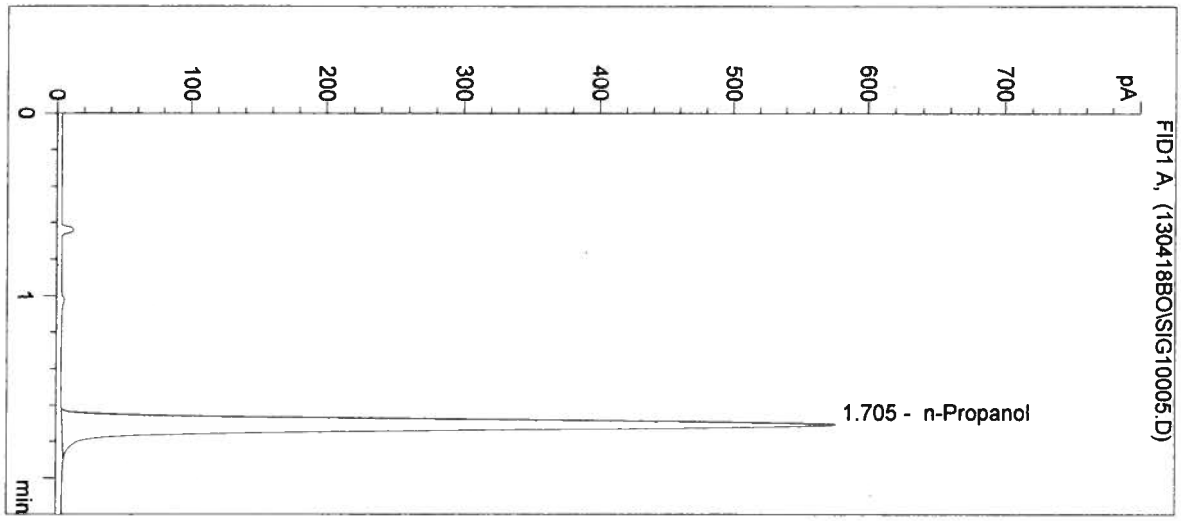
-13014

Data File: C:\HPCHEM\1\DATA\130418BO\SIG10004.D

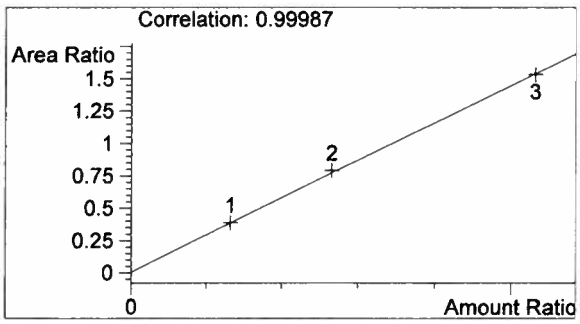
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 10:33:32 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

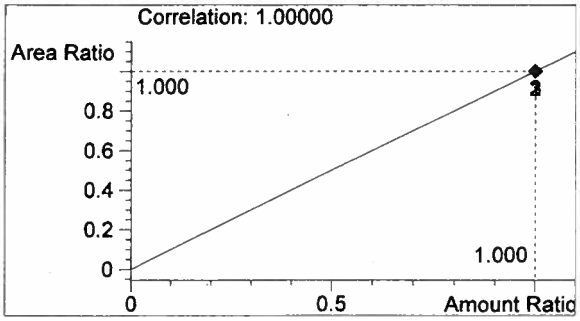
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2274	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

-13014

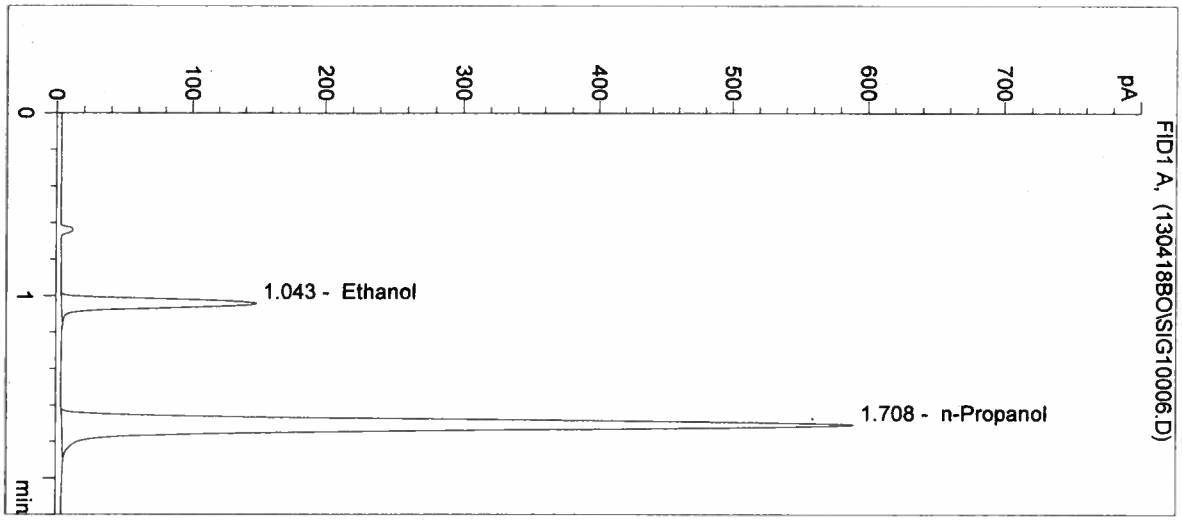
Data File: C:\HPCHEM\1\DATA\130418BO\SIG10005.D

BW

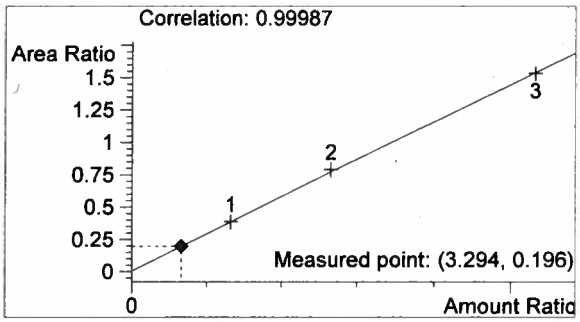
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 10:36:37 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 1: 0.04 g/100 mL

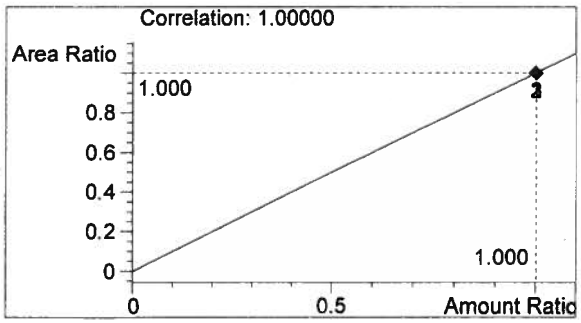
Sample Name: CTRL 1 (0.04)-BO
Operator: Brianne E. O'Reilly
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	457	1.043
2	n-Propanol	2324	1.708



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

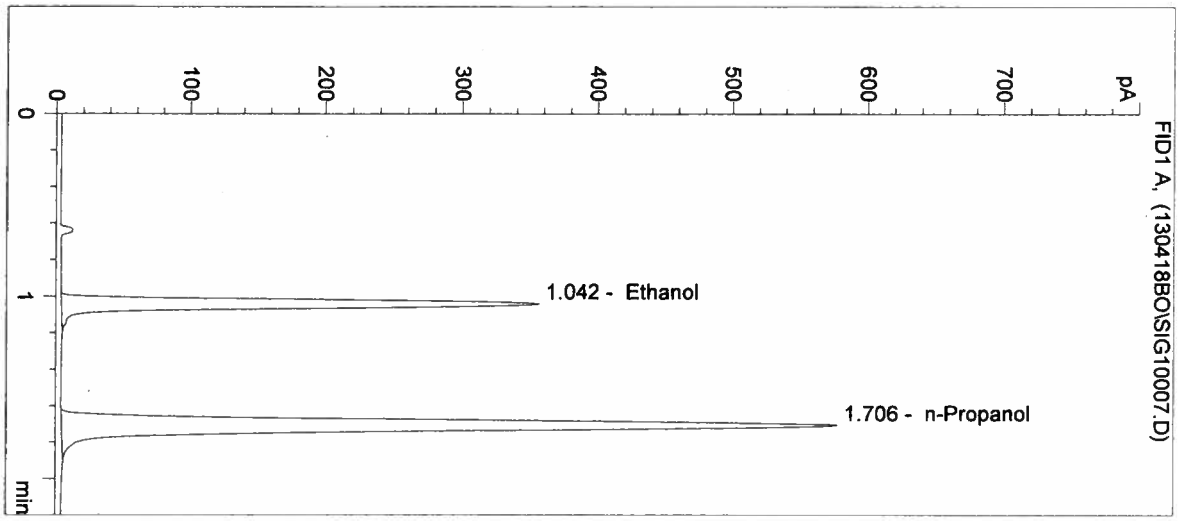
-13014

Data File: C:\HPCHEM\1\DATA\130418BO\SIG10006.D

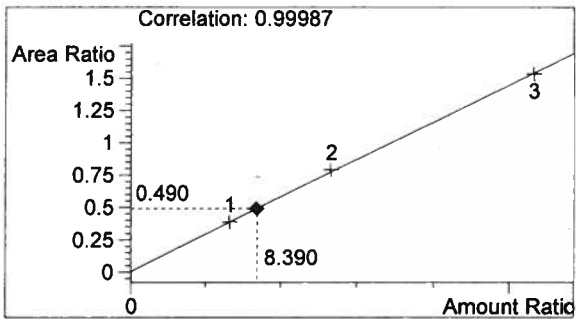
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 10:39:41 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 2: 0.10 g/100 mL

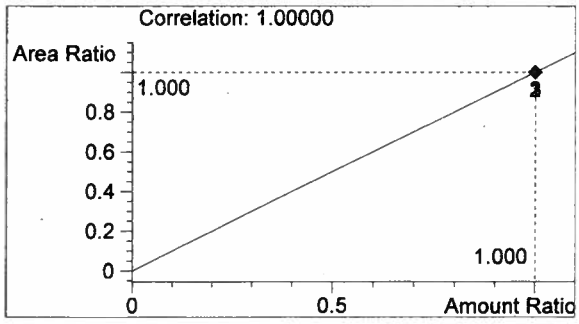
Sample Name: CTRL 2 (0.10)-BO
Operator: Brianne E. O'Reilly
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1117	1.042
2	n-Propanol	2278	1.706



Ethanol 0.101 g/100mL



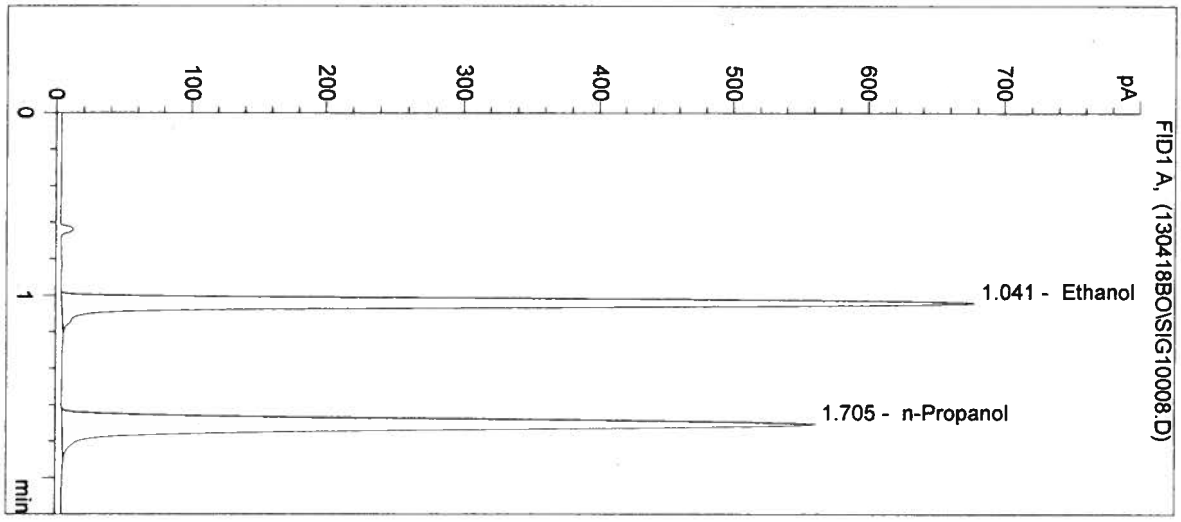
n-Propanol 0.012 g/100mL

-1301

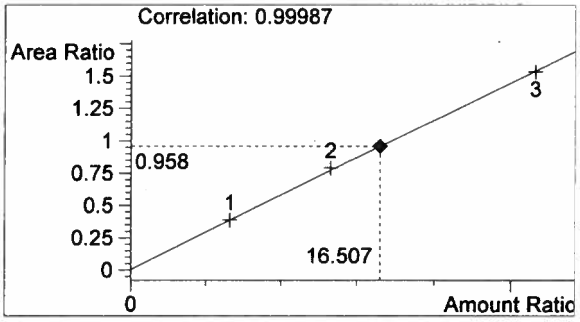
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 10:42:46 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 3: 0.20 g/100 mL

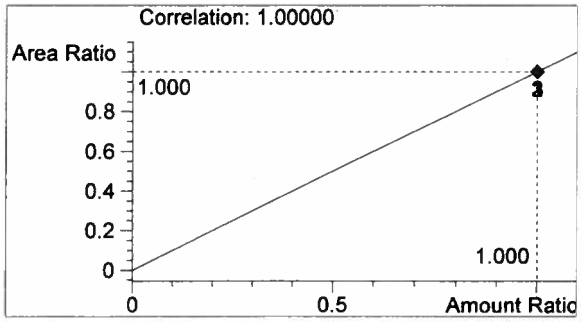
Sample Name: CTRL 3 (0.20)-BO
Operator: Brianne E. O'Reilly
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2115	1.041
2	n-Propanol	2208	1.705



Ethanol 0.198 g/100mL



n-Propanol 0.012 g/100mL

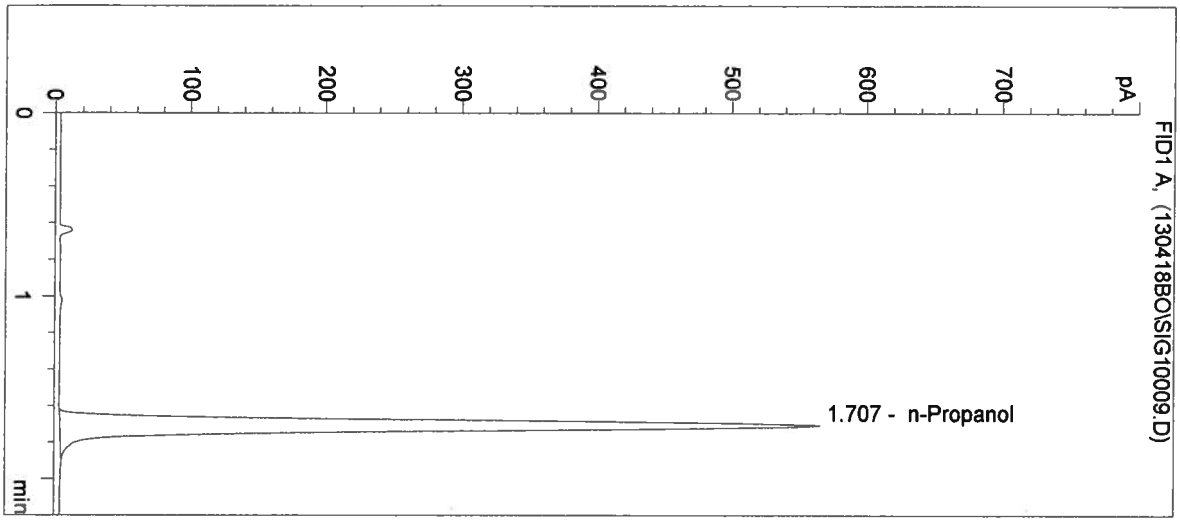
-13014

BW

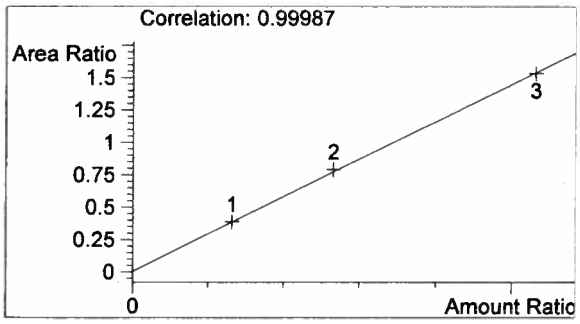
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 10:45:51 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

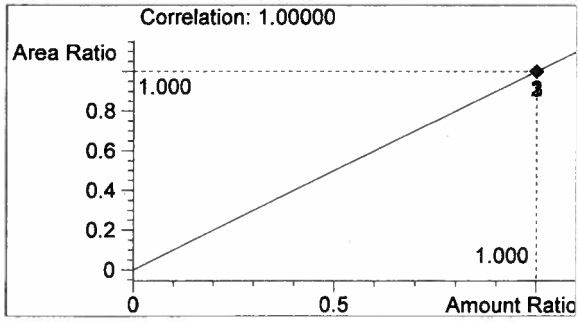
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2237	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

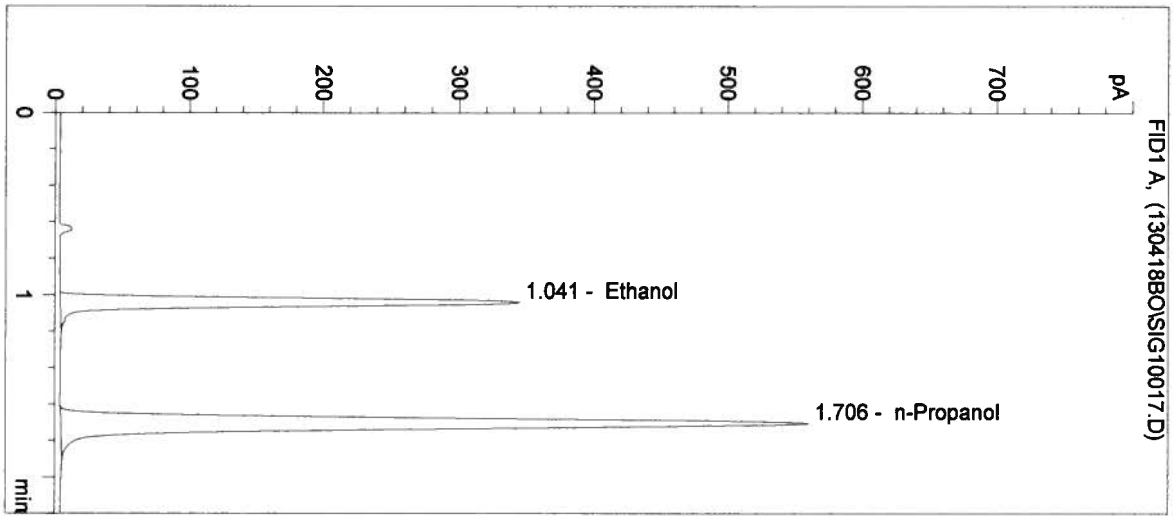
-13014

BWO

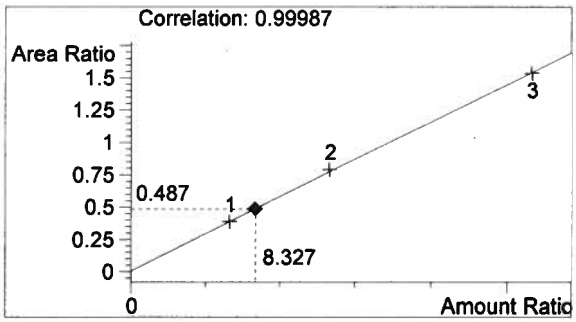
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 11:10:29 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

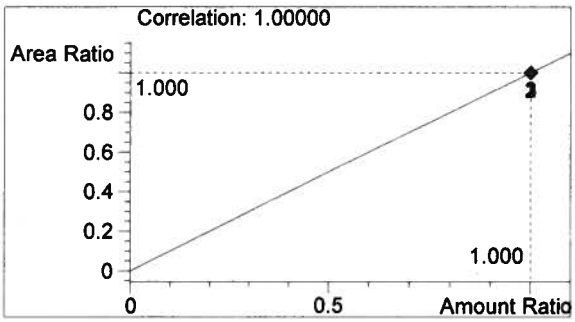
Sample Name: 13014 #1
Operator: Brianne E. O'Reilly
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	1072	1.041
2	n-Propanol	2203	1.706



Ethanol 0.100 g/100mL



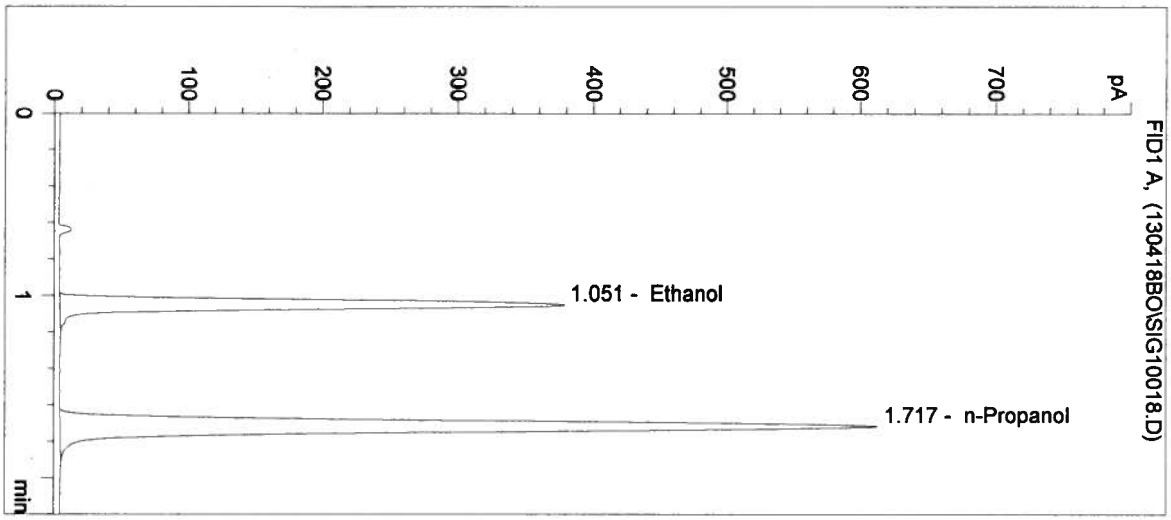
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\130418BO\SIG10017.D

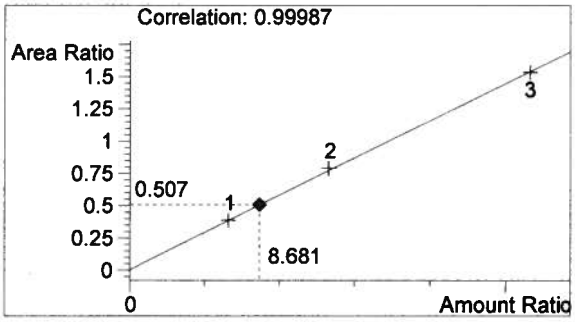
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 11:13:34 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

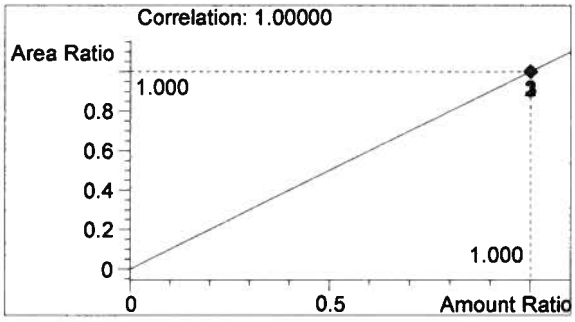
Sample Name: 13014 #2
Operator: Brianne E. O'Reilly
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	1259	1.051
2	n-Propanol	2483	1.717



Ethanol 0.104 g/100mL



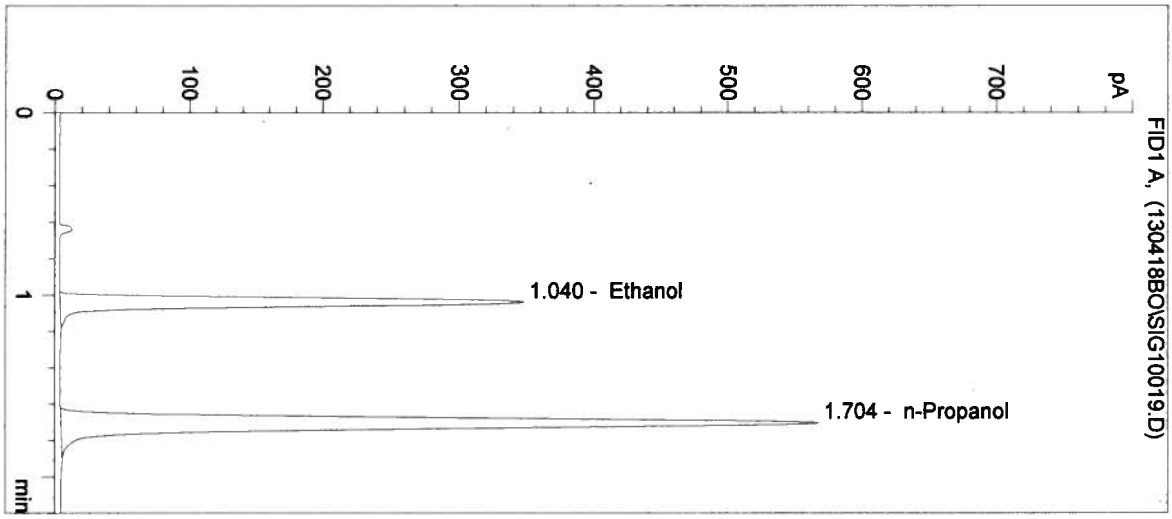
n-Propanol 0.012 g/100mL

BEO

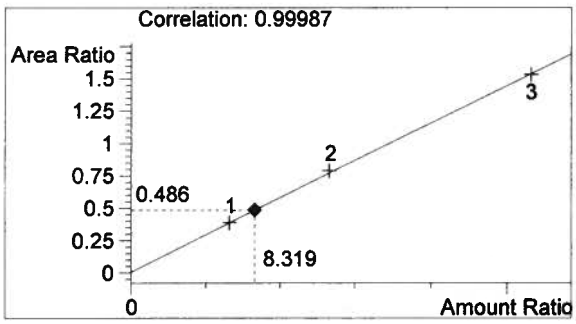
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 11:16:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

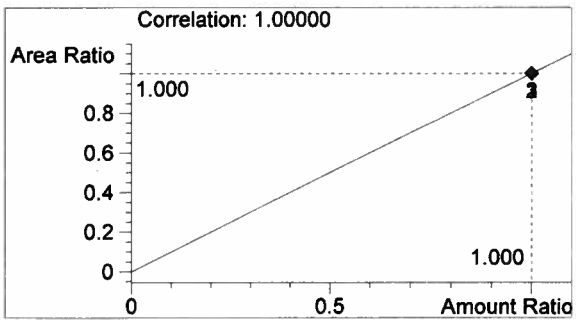
Sample Name: 13014 #3
Operator: Brianne E. O'Reilly
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	1089	1.040
2	n-Propanol	2241	1.704



Ethanol 0.100 g/100mL



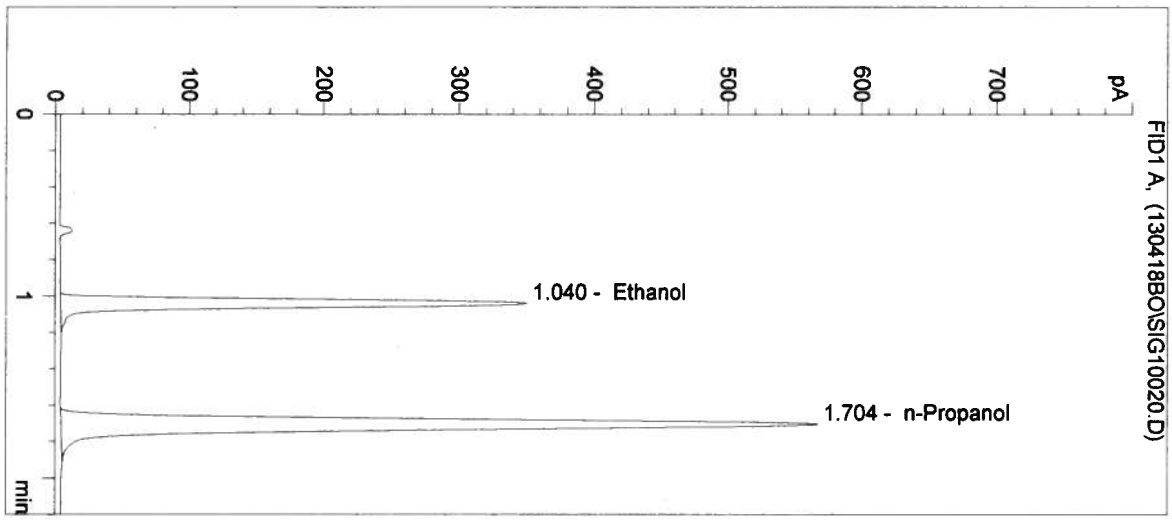
n-Propanol 0.012 g/100mL

BWO

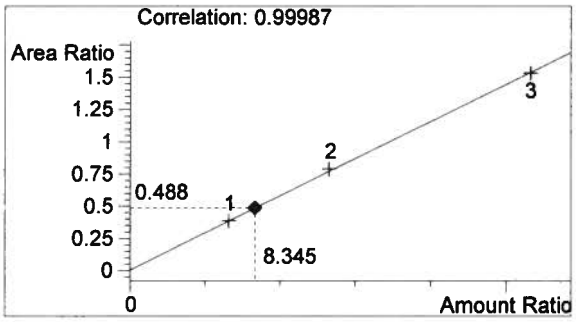
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 11:19:43 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

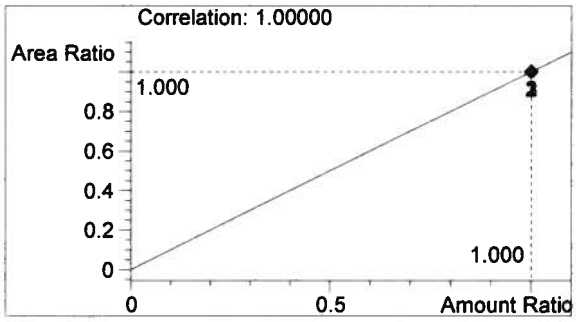
Sample Name: 13014 #4
Operator: Brianne E. O'Reilly
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	1090	1.040
2	n-Propanol	2235	1.704



Ethanol 0.100 g/100mL

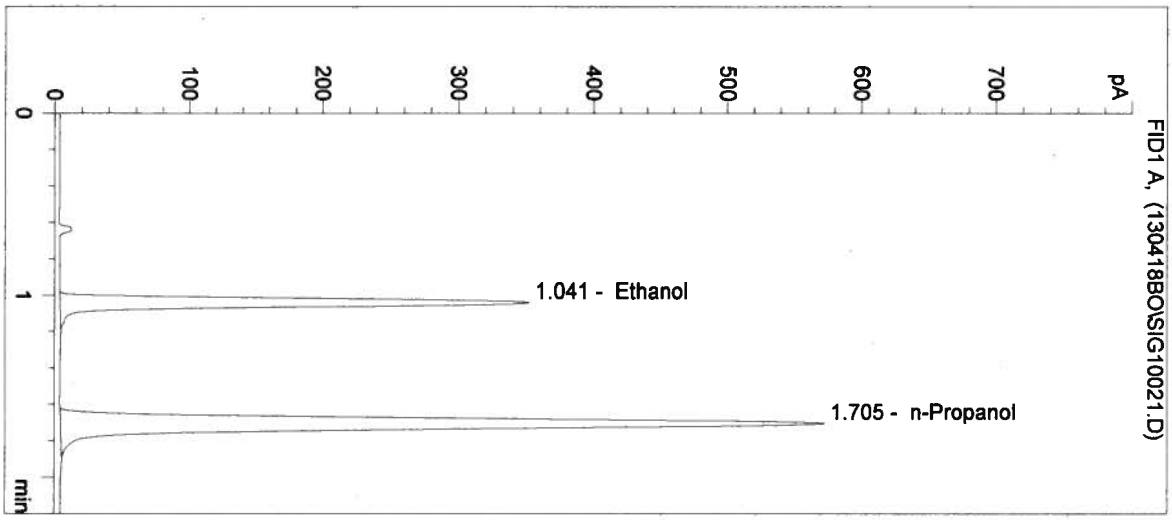


n-Propanol 0.012 g/100mL

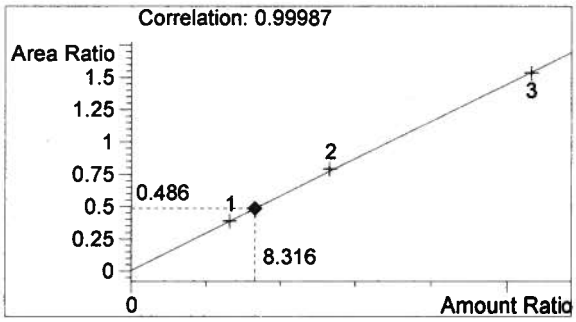
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 11:22:48 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

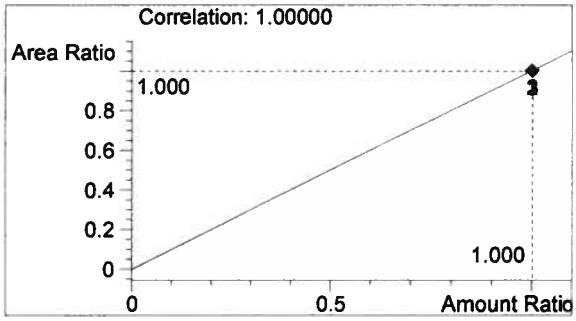
Sample Name: 13014 #5
Operator: Brianne E. O'Reilly
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	1093	1.041
2	n-Propanol	2250	1.705



Ethanol 0.100 g/100mL



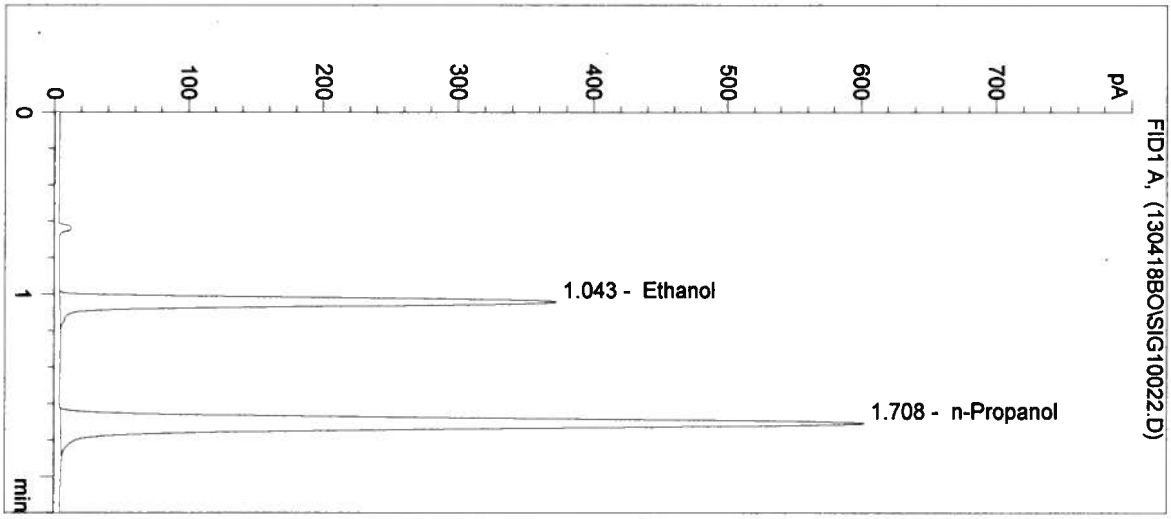
n-Propanol 0.012 g/100mL

BWD

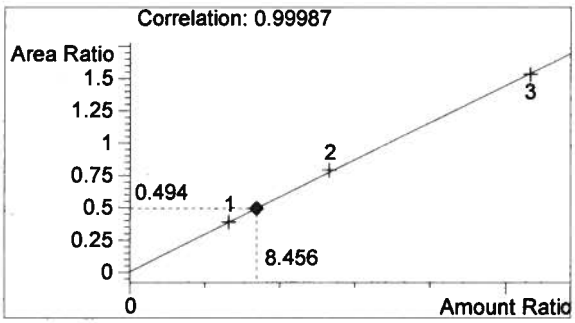
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 11:25:53 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 2: 0.10 g/100 mL

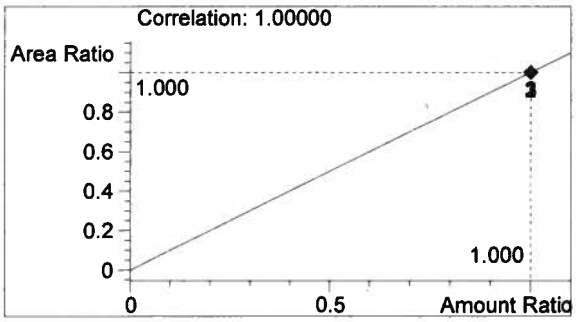
Sample Name: CTRL 2 (0.10)-BO
Operator: Brianne E. O'Reilly
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	1177	1.043
2	n-Propanol	2383	1.708



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

-13014

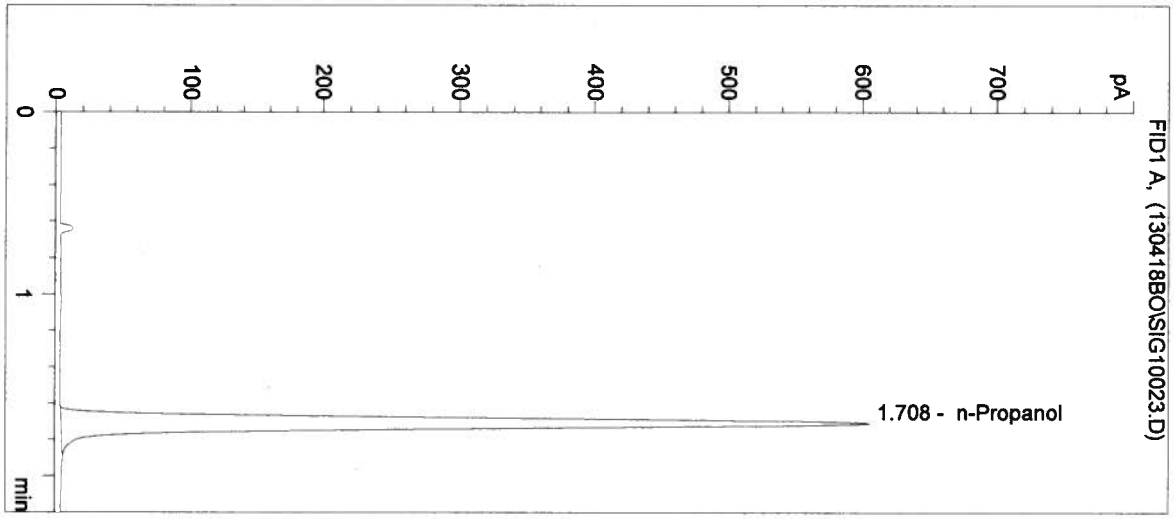
Data File: C:\HPCHEM\1\DATA\130418BO\SIG10022.D

BW

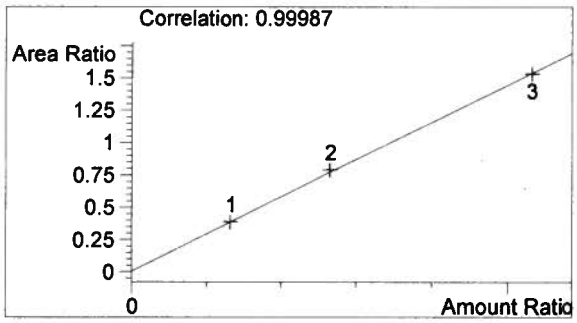
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/18/2013 11:28:58 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

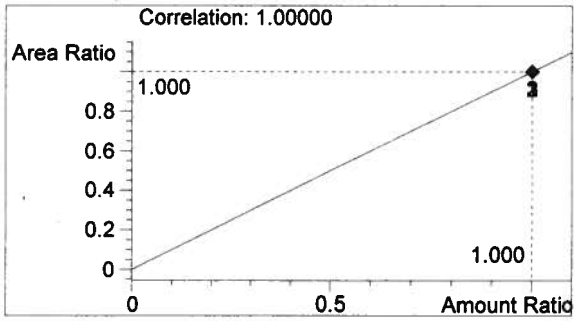
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2393	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

-13014

Data File: C:\HPCHEM\1\DATA\130418BO\SIG10023.D

BW

Sequence: C:\HPCHEM\1\SEQUENCE\AL-ESS1.S

Sequence Parameters:

Operator:	asa louis
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	130423AL
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
cal 1 e0213-01 exp 08/20/2013
cal 2 e0213-02 exp 08/20/2013
cal 3 e0213-03 exp 08/20/2013
0.04 control lot# a088613 exp 09/2016
0.10 control lot# a090924 exp 01/2017
0.20 control lot# a084657 exp 02/2016
istd p0313

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC1	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC1	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC1	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC1	1	Calib		
5	Vial 5	neg control - al	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 ctrl al	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 ctrl al	SIMALC1	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC1	1	Ctrl Samp		
10	Vial 10	13014 #1	SIMALC1	1	Sample		
11	Vial 11	13014 #2	SIMALC1	1	Sample		
12	Vial 12	13014 #3	SIMALC1	1	Sample		
13	Vial 13	13014 #4	SIMALC1	1	Sample		
14	Vial 14	13014 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
16	Vial 16	neg control - al	SIMALC1	1	Ctrl Samp		

-13014

AL 20370424

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 cal 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 cal 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 cal 3	SIMALC1	3	Replace	Replace	

Sequence: C:\HPCHEM\1\SEQUENCE\AL-ESS1.S

Sequence Table (Back Injector):

No entries - empty table!

DATA 130423 AL

-13014

AL 20130424

Method C:\HPCHEM\1\METHODS\SIMALC1.M

Calibration Table

Calib. Data Modified : Tuesday, April 23, 2013 2:45:03 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.043	1	1	7.93800e-2	889.48584	8.92426e-5		1	Ethanol
		2	1.59660e-1	1698.40173	9.40060e-5			
		3	3.19080e-1	3603.51489	8.85469e-5			
1.707	1	1	1.20000e-2	2349.93164	5.10653e-6		I1	n-Propanol
		2	1.20000e-2	2263.35254	5.30187e-6			
		3	1.20000e-2	2377.76562	5.04675e-6			

Peak Sum Table

No Entries in table

-13014

DATA 130423AL

AL 20130424

Method C:\HPCHEM\1\METHODS\SIMALC1.M

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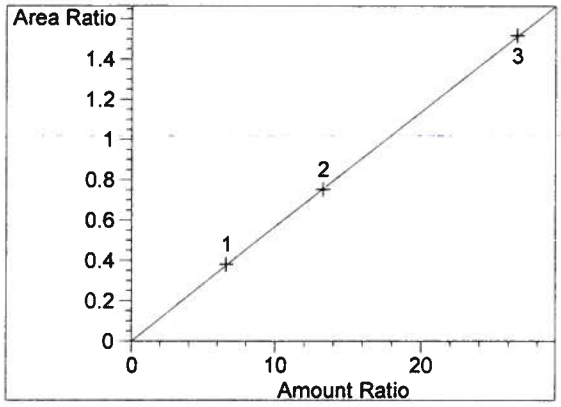
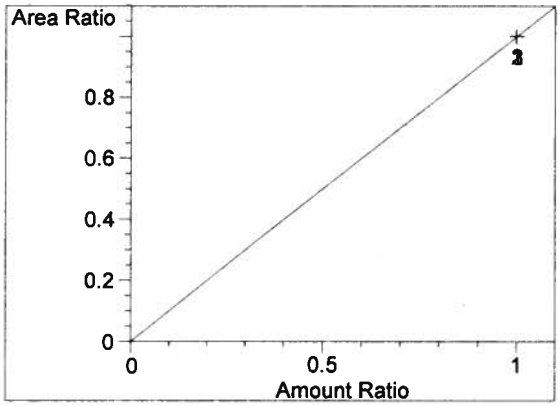
Calibration Curves

==========



Ethanol at exp. RT: 1.043
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00518
Formula: y = mx + b
m: 5.69416e-2
b: -9.85273e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.707
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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DATA 130423 AL

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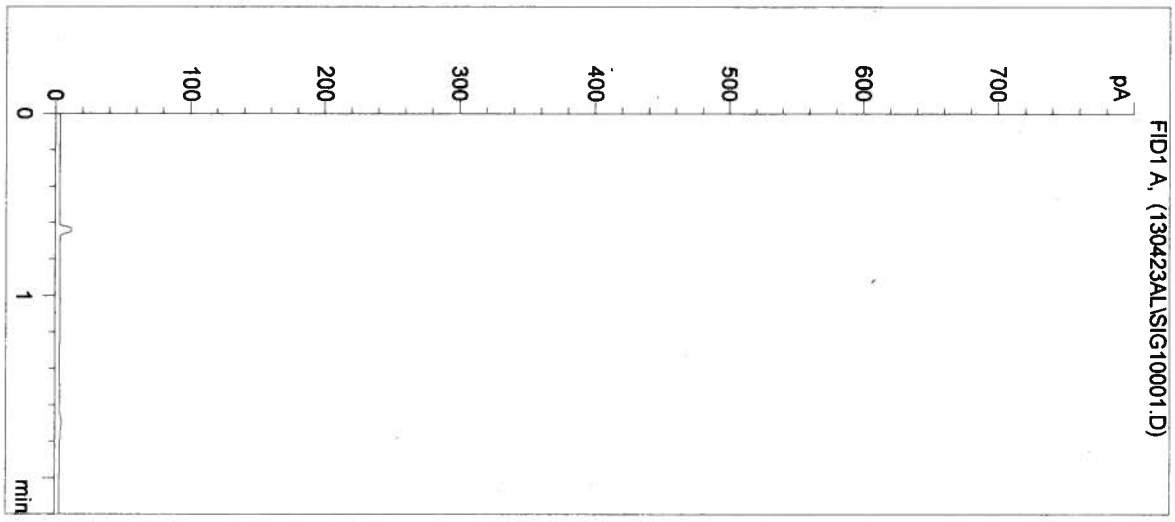
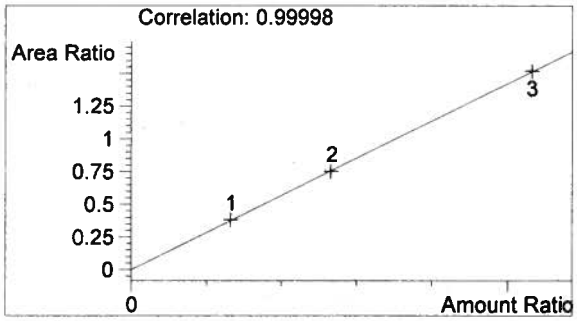
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/23/2013 2:33:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

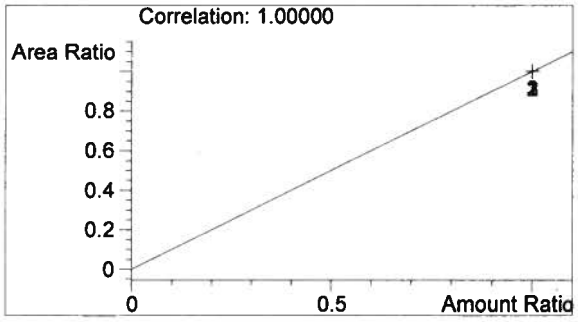
Sample Name: blank
Operator: asa louis
Location: Vial 1



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

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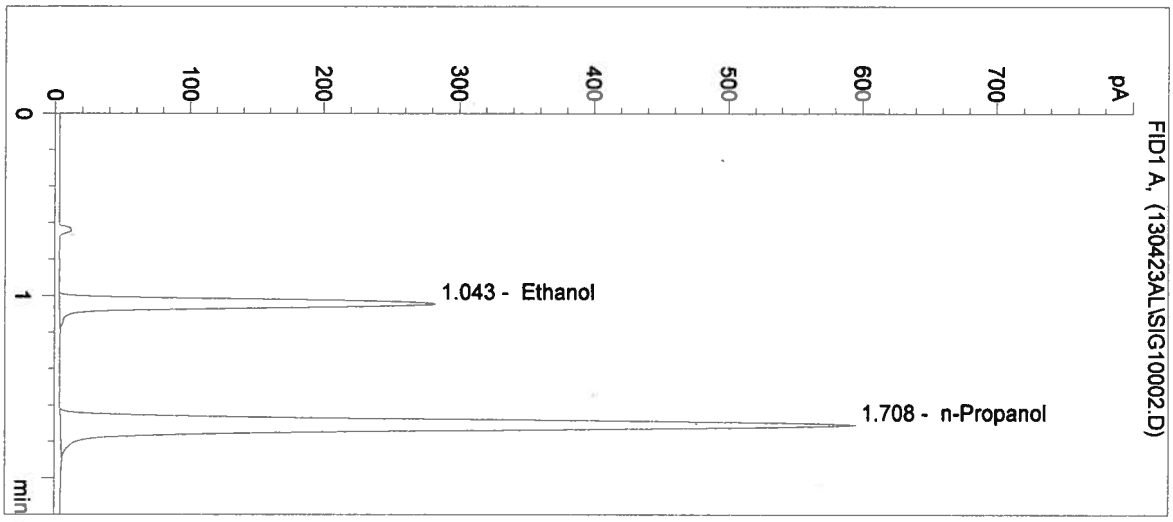
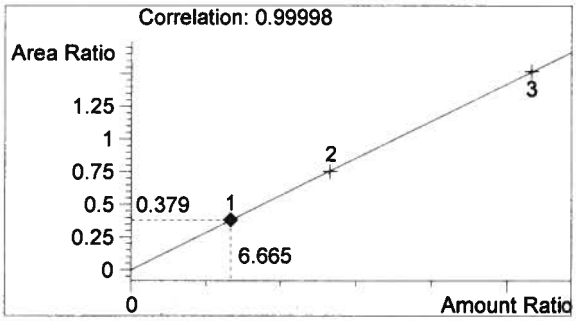
Inj. Date: 4/23/2013 2:36:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

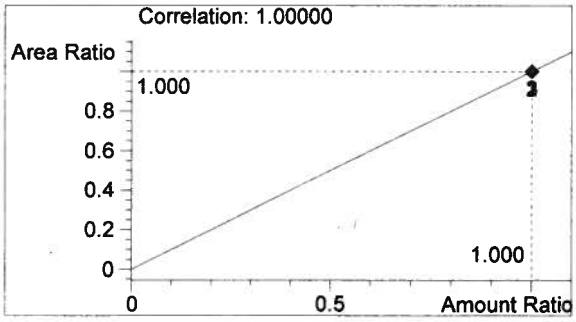
Sample Name: 0.079 cal 1
Operator: asa louis
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	889	1.043
2	n-Propanol	2350	1.708



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

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20130424

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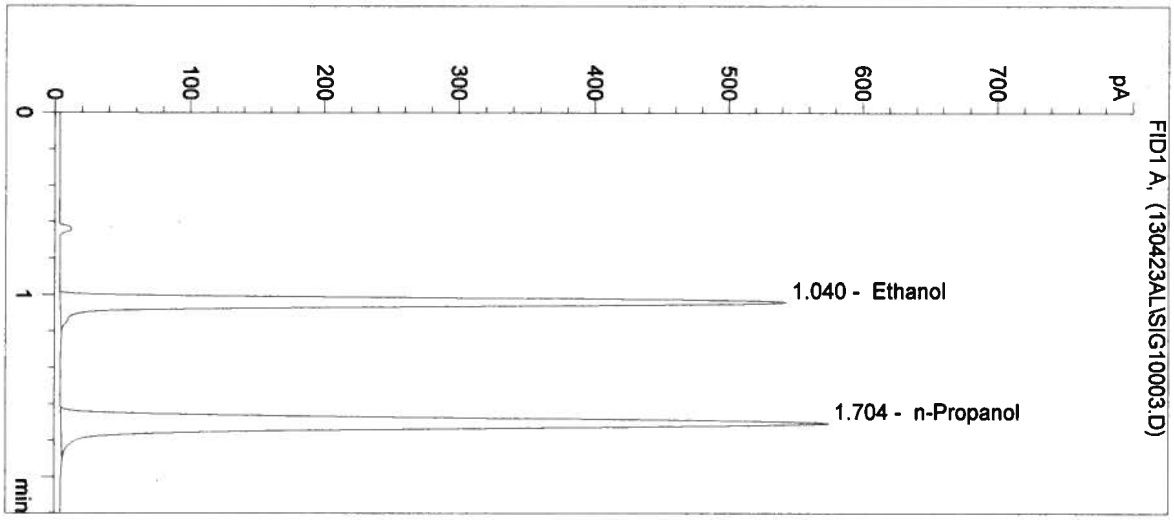
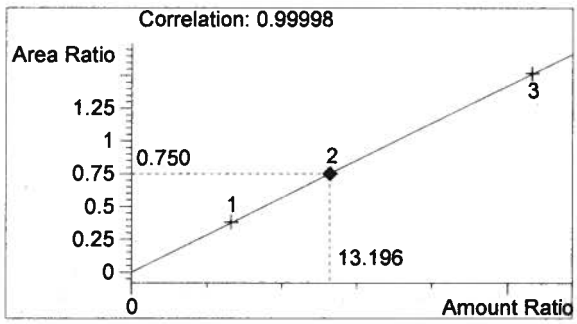
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/23/2013 2:39:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

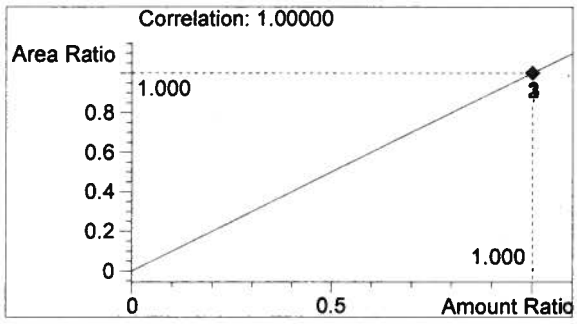
Sample Name: 0.158 cal 2
Operator: asa louis
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1698	1.040
2	n-Propanol	2263	1.704



Ethanol 0.158 g/100mL



n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\1\DATA\130423AL\SIG10003.D

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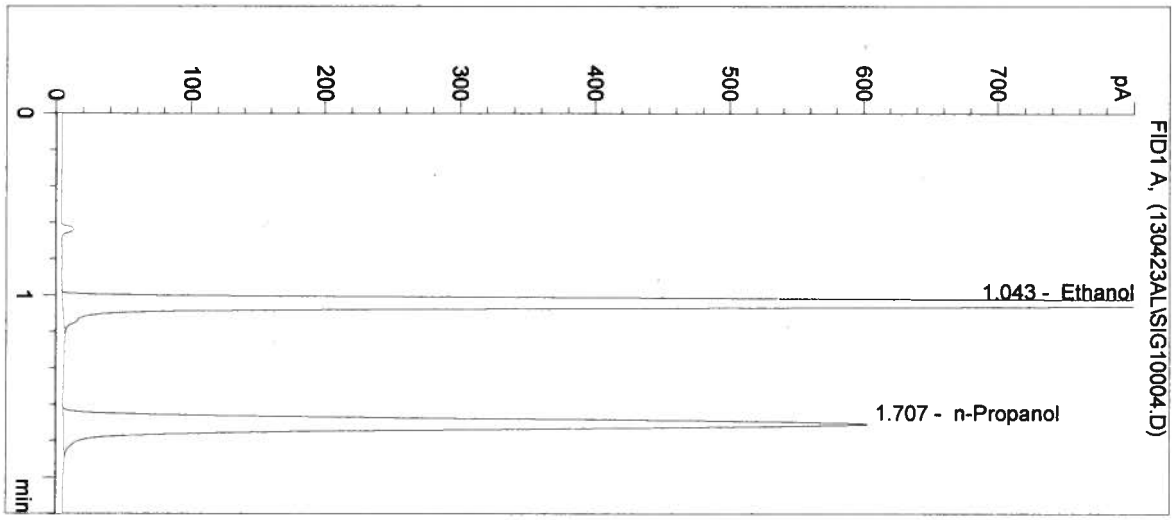
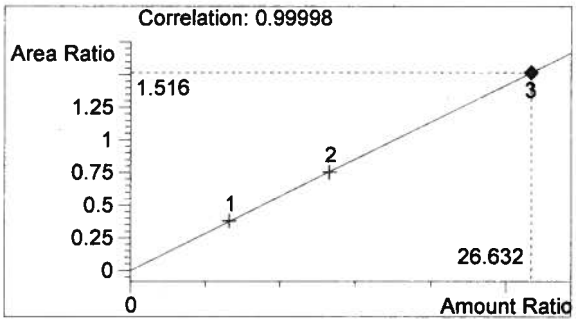
Inj. Date: 4/23/2013 2:42:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

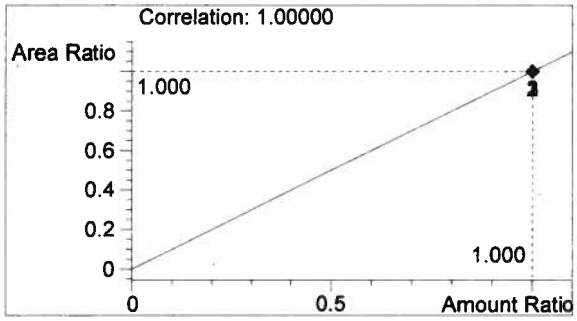
Sample Name: 0.316 cal 3
Operator: asa louis
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3604	1.043
2	n-Propanol	2378	1.707



Ethanol 0.320 g/100mL



n-Propanol 0.012 g/100mL

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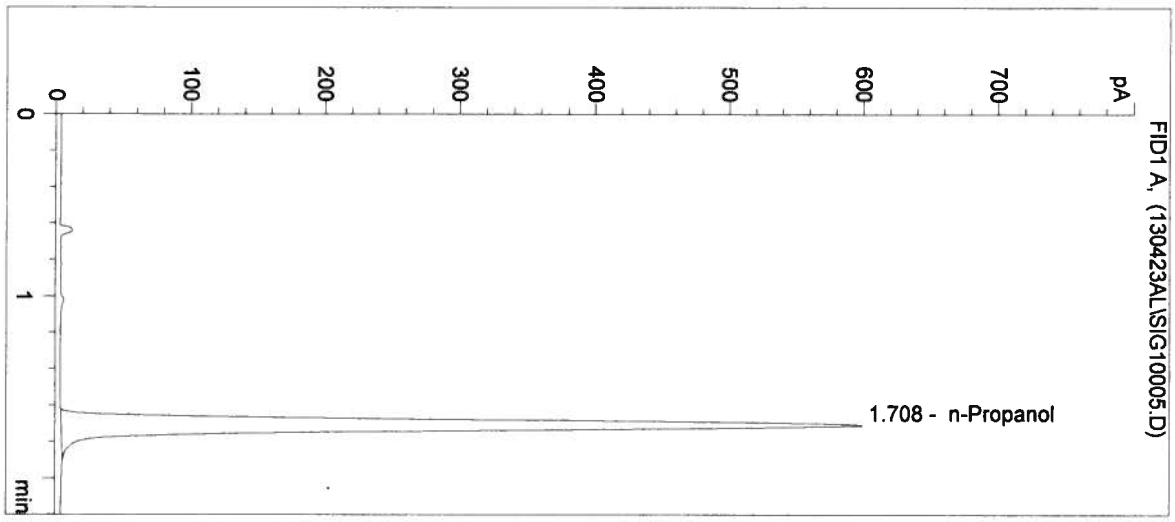
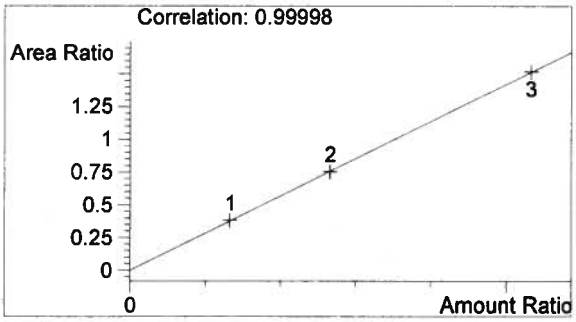
Inj. Date: 4/23/2013 2:45:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

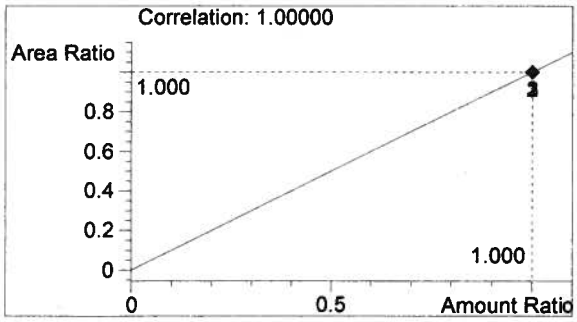
Sample Name: neg control - al
Operator: asa louis
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2374	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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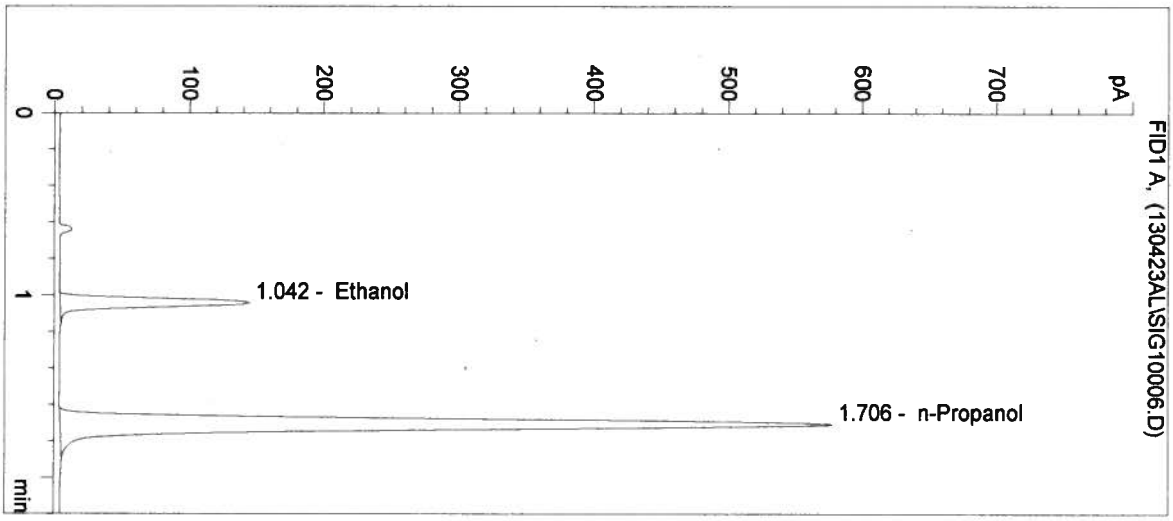
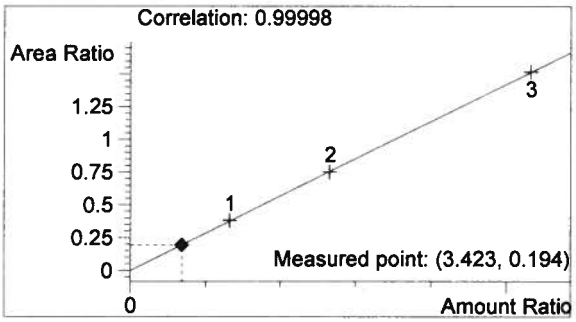
Inj. Date: 4/23/2013 2:48:59 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

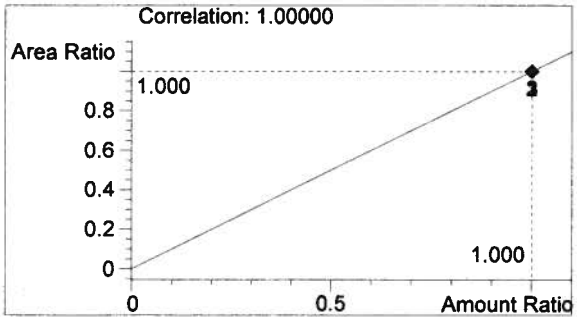
Sample Name: 0.04 ctrl al
Operator: asa louis
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	442	1.042
2	n-Propanol	2278	1.706



Ethanol 0.041 g/100mL



n-Propanol 0.012 g/100mL

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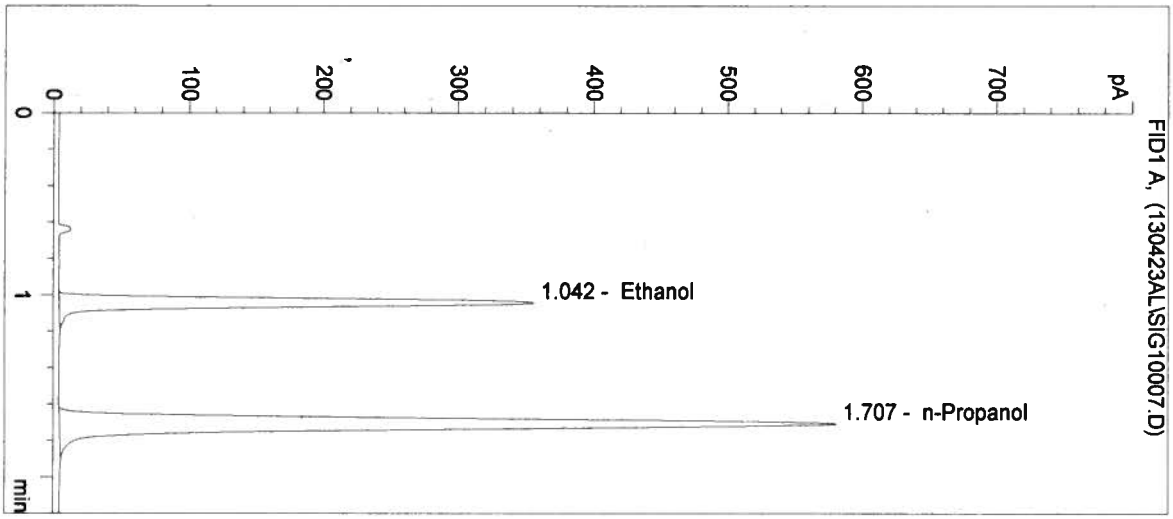
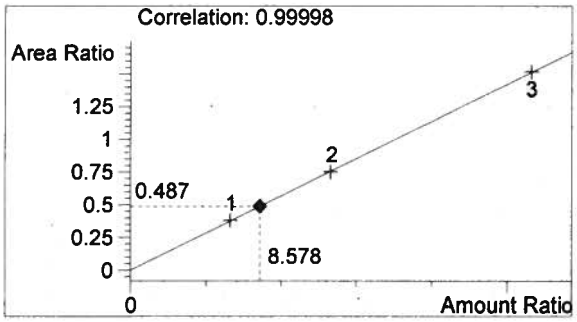
Inj. Date: 4/23/2013 2:52:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

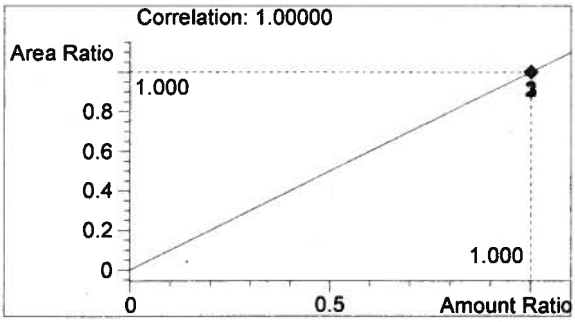
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1117	1.042
2	n-Propanol	2291	1.707



Ethanol 0.103 g/100mL



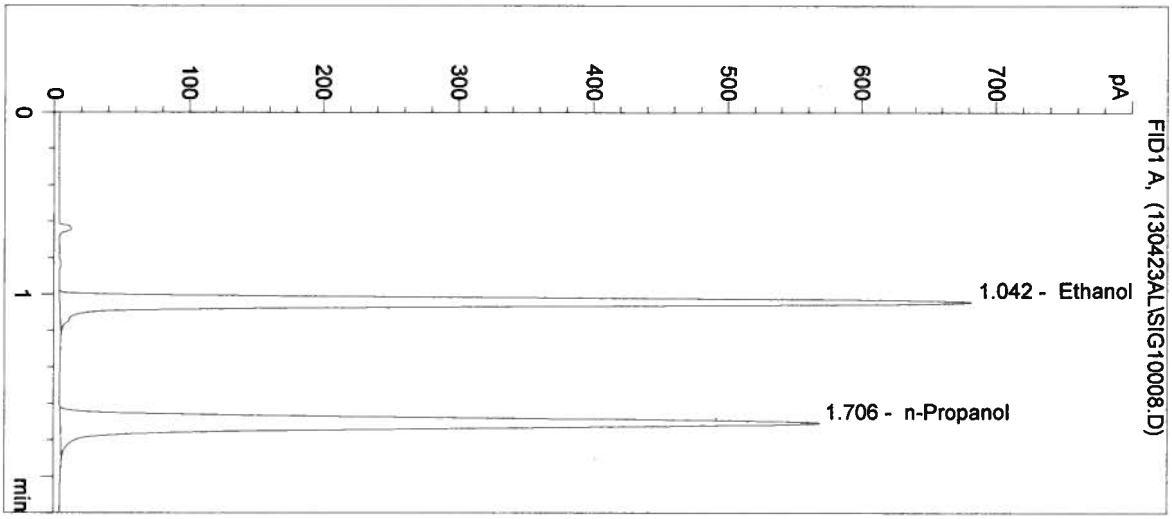
n-Propanol 0.012 g/100mL

20130424
-1301

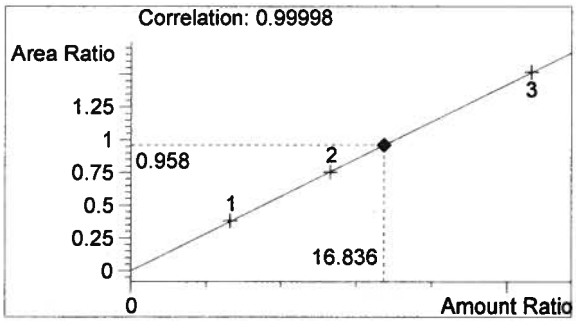
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/23/2013 2:55:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

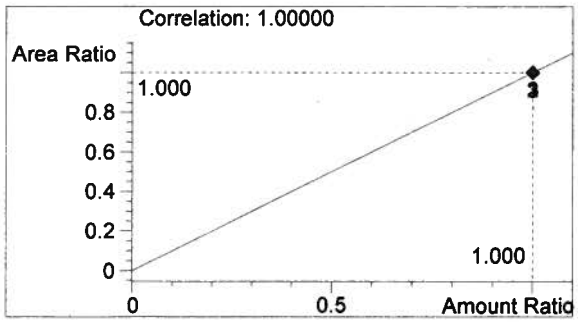
Sample Name: 0.20 ctrl al
Operator: asa louis
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2141	1.042
2	n-Propanol	2236	1.706



Ethanol 0.202 g/100mL



n-Propanol 0.012 g/100mL

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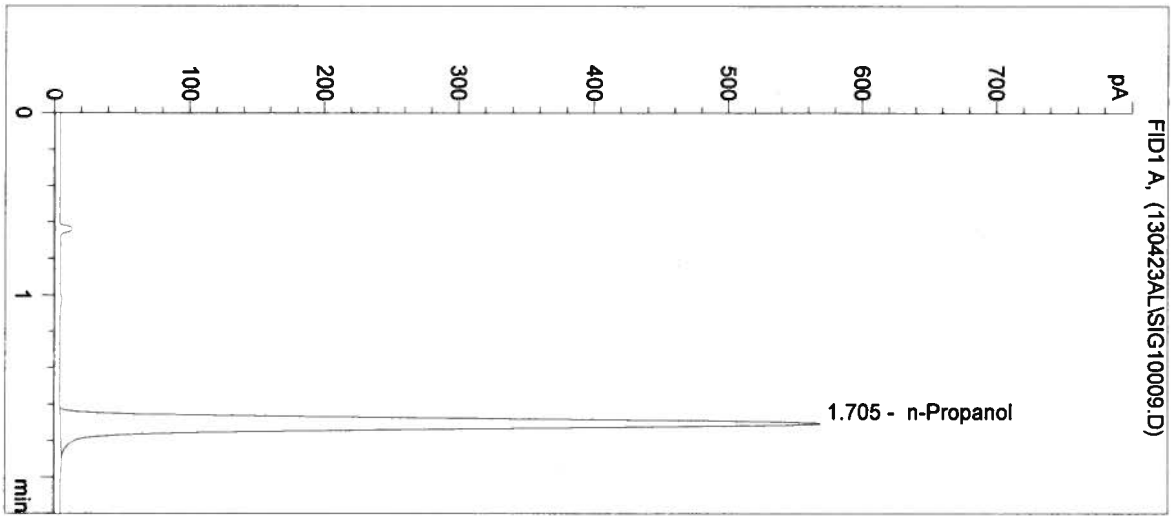
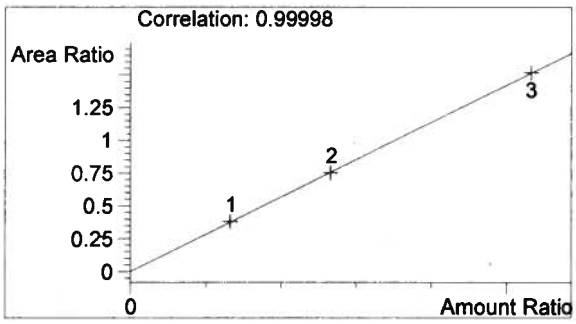
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/23/2013 2:58:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

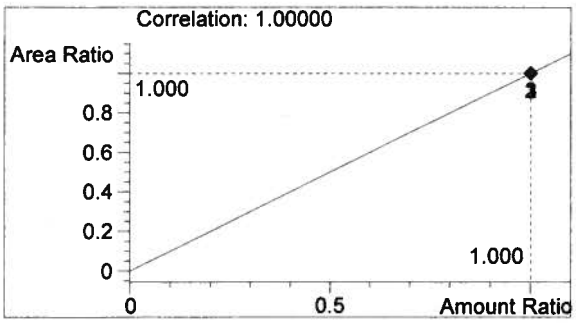
Sample Name: neg control - al
Operator: asa louis
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2241	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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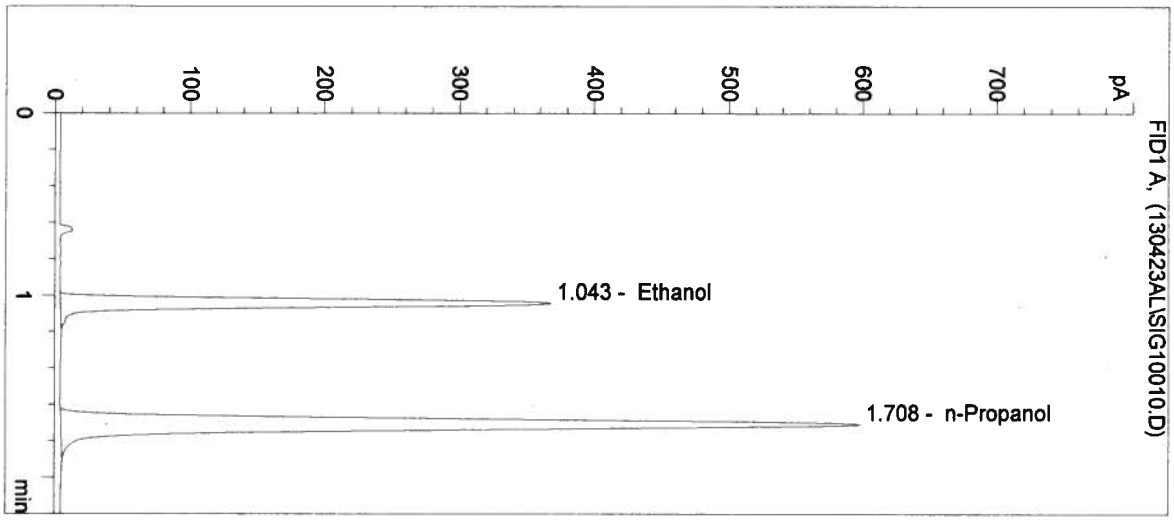
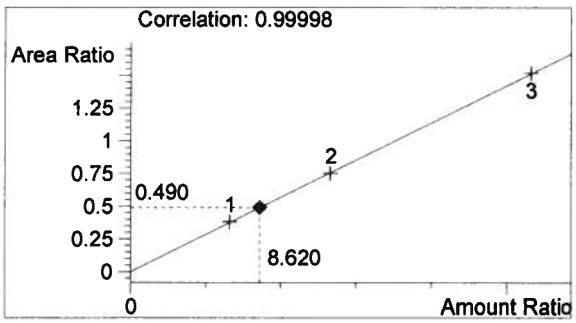
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/23/2013 3:01:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

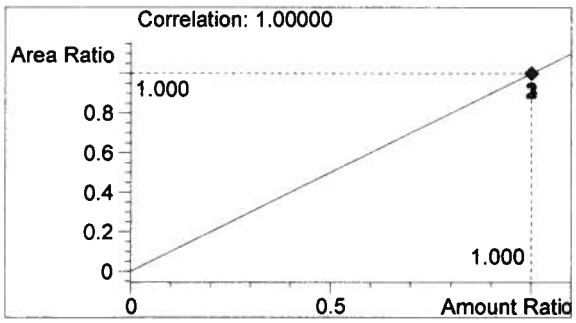
Sample Name: 13014 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1157	1.043
2	n-Propanol	2361	1.708



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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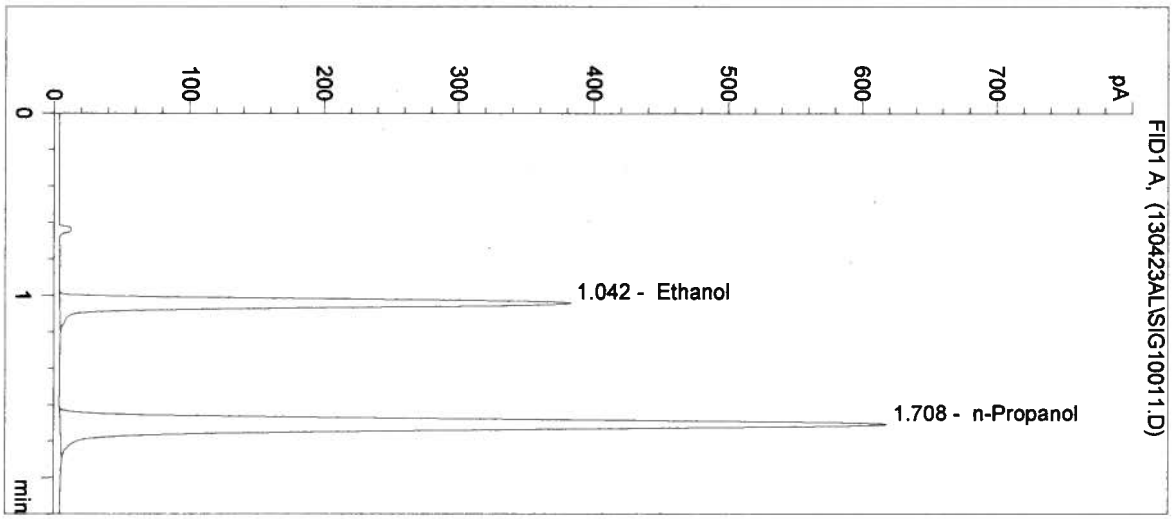
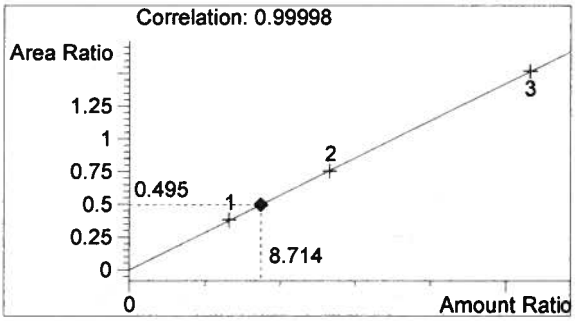
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/23/2013 3:04:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

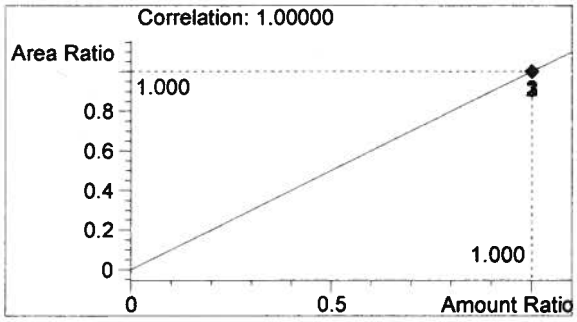
Sample Name: 13014 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1208	1.042
2	n-Propanol	2440	1.708



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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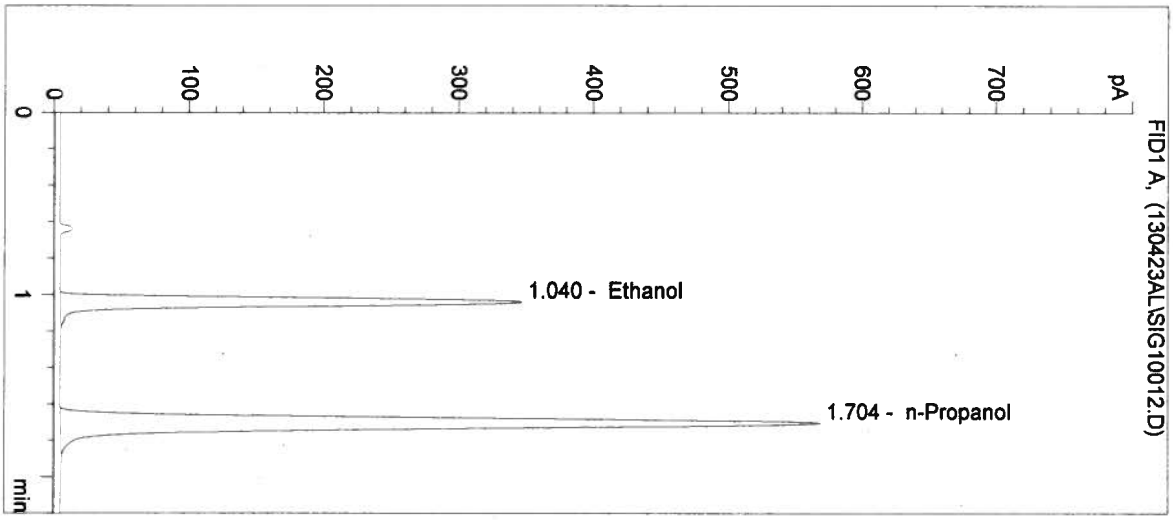
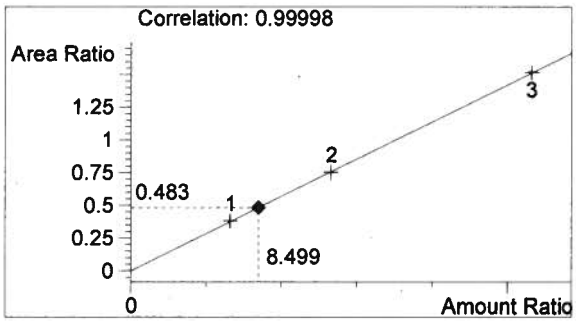
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/23/2013 3:07:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

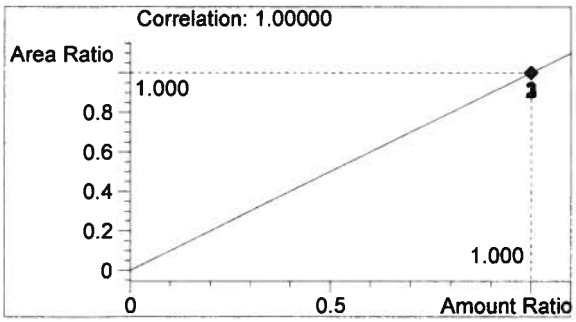
Sample Name: 13014 #3
Operator: asa louis
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1080	1.040
2	n-Propanol	2237	1.704



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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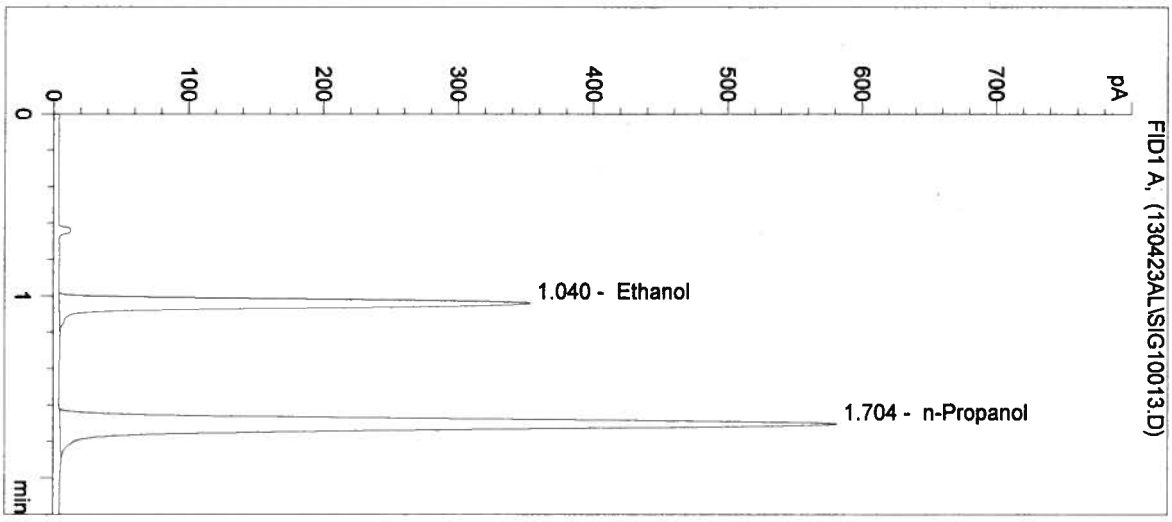
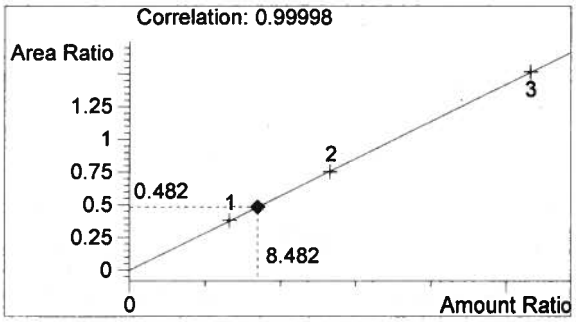
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/23/2013 3:10:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

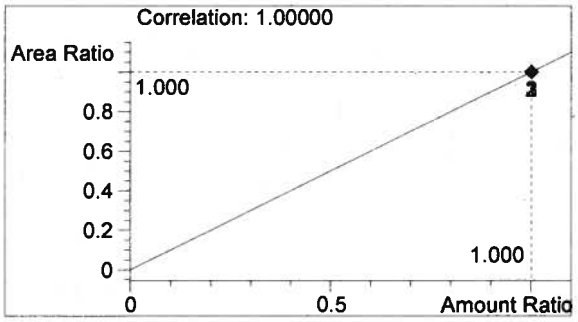
Sample Name: 13014 #4
Operator: asa louis
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.040
2	n-Propanol	2294	1.704



Ethanol 0.102 g/100mL



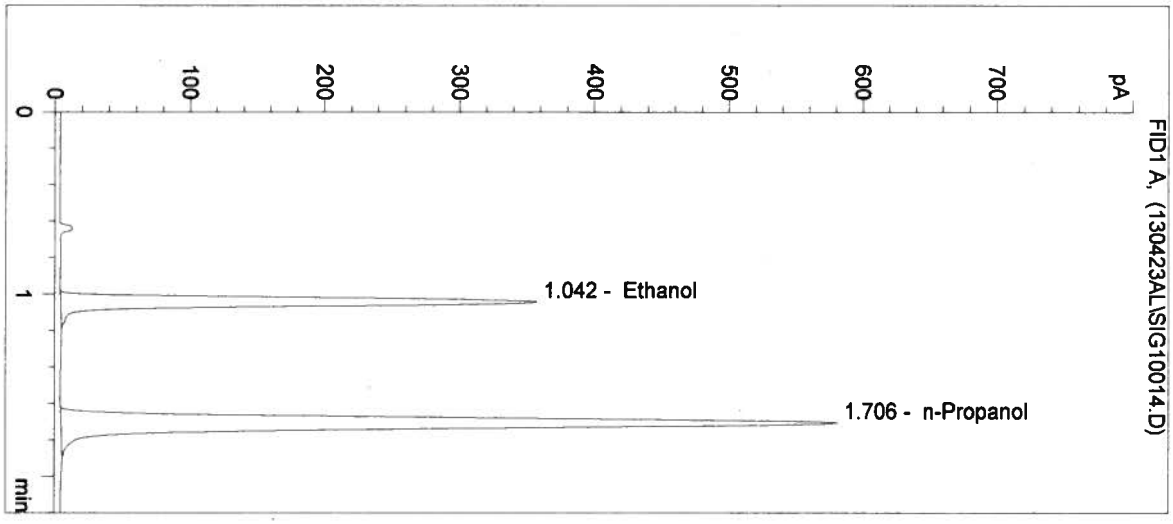
n-Propanol 0.012 g/100mL

M
2013 04 24

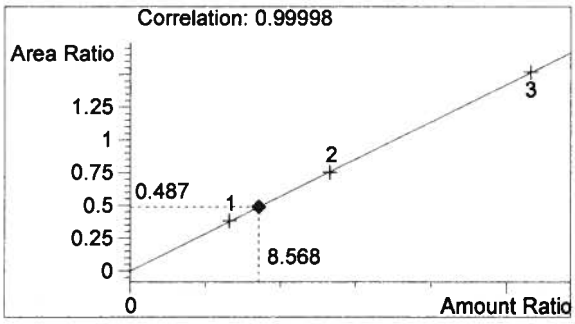
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/23/2013 3:13:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

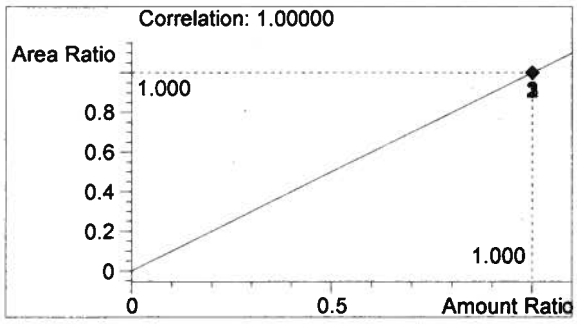
Sample Name: 13014 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1113	1.042
2	n-Propanol	2287	1.706



Ethanol 0.103 g/100mL



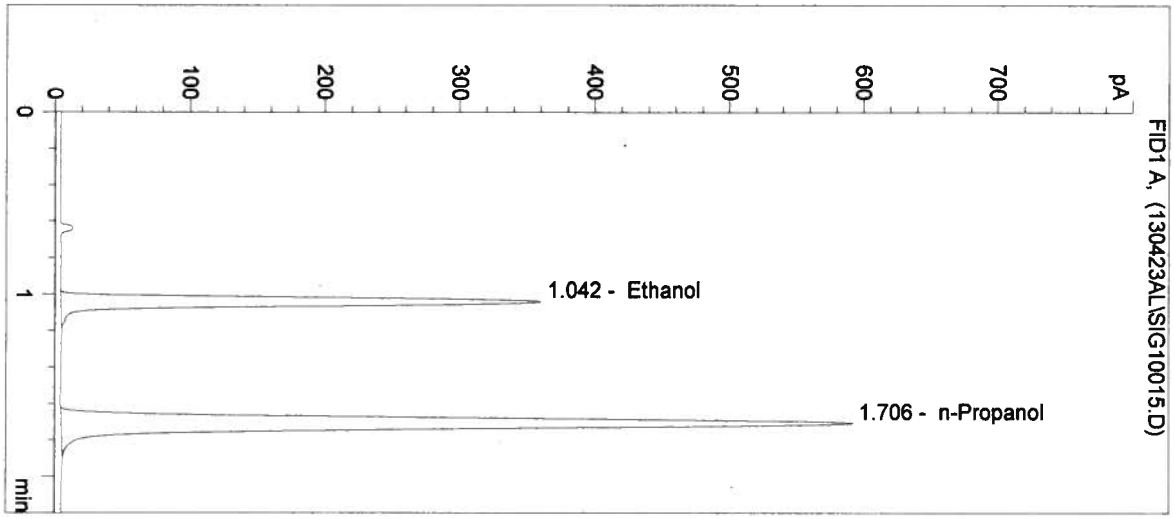
n-Propanol 0.012 g/100mL

AL
20130424

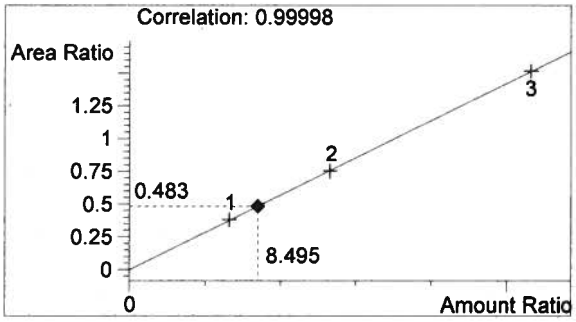
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/23/2013 3:16:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

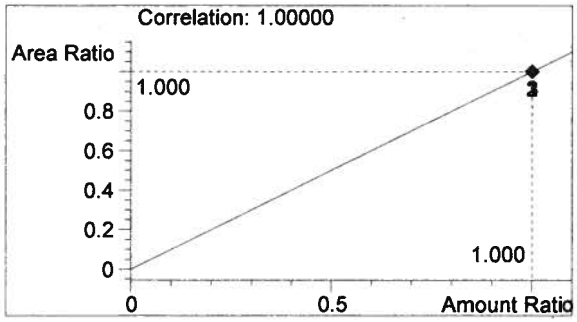
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1124	1.042
2	n-Propanol	2328	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

-13014

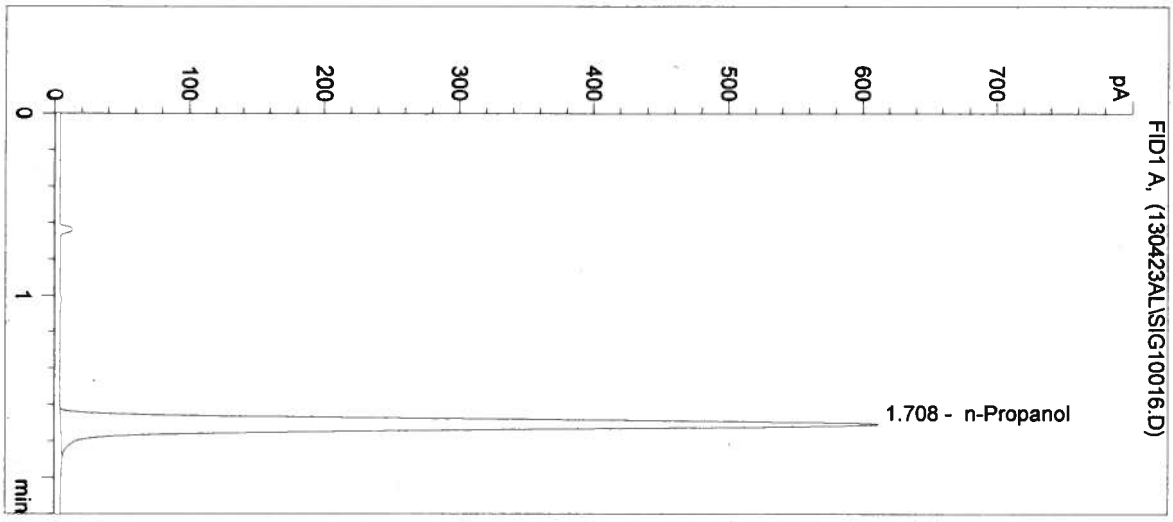
AC
20130424

Data File: C:\HPCHEM\1\DATA\130423AL\SIG10015.D

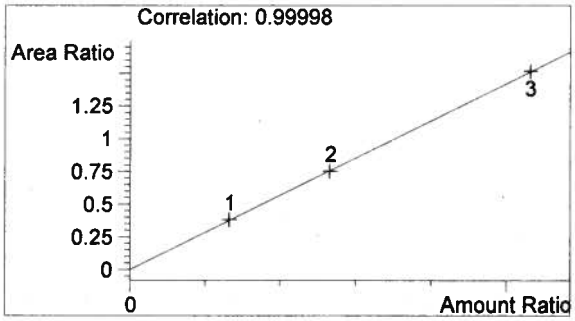
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/23/2013 3:19:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

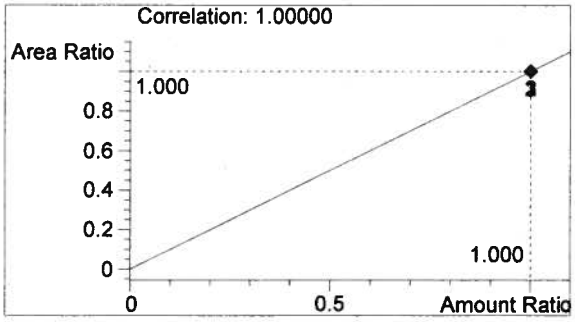
Sample Name: neg control - al
Operator: asa louis
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2416	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13014

AL
20130424

Data File: C:\HPCHEM\1\DATA\130423AL\SIG10016.D

Sequence: C:\HPCHEM\1\SEQUENCE\BBEXTSTD.S

Sequence Parameters:

Operator:	Brittany Ball
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	130425BB
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1 (0.079g/100mL) Lot#E0213-01 Exp 8/20/13
Cal 2 (0.158g/100mL) Lot#E0213-02 Exp 8/20/13
Cal 3 (0.316g/100mL) Lot#E0213-03 Exp 8/20/13
0.04 g/100mL Control 1 - Lot #A088613 - Exp. 09/2016
0.10 g/100mL Control 2 - Lot #A090924 - Exp. 01/2017
0.20 g/100mL Control 3 - Lot #A084657 - Exp. 02/2016
ISTD Lot#P0313 Exp 06/01/13

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL BB	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL BB	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL BB	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL BB	SIMALC1	1	Ctrl Samp		
10	Vial 10	13014-1	SIMALC1	1	Sample		
11	Vial 11	13014-2	SIMALC1	1	Sample		
12	Vial 12	13014-3	SIMALC1	1	Sample		
13	Vial 13	13014-4	SIMALC1	1	Sample		
14	Vial 14	13014-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL BB	SIMALC1	1	Ctrl Samp		

-13014

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL	SIMALC1	3	Replace	Replace	

BB

Sequence: C:\HPCHEM\1\SEQUENCE\BBEXTSTD.S

Sequence Table (Back Injector):

No entries - empty table!

-13014

BB

Method C:\HPCHEM\1\METHODS\SIMALC1.M

Calibration Table

Calib. Data Modified : Thursday, April 25, 2013 8:25:01 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.043	1	1	7.93800e-2	939.81201	8.44637e-5	1		Ethanol
		2	1.59660e-1	1894.28357	8.42852e-5			
		3	3.19080e-1	3651.12036	8.73924e-5			
1.707	1	1	1.20000e-2	2446.27222	4.90542e-6	I1		n-Propanol
		2	1.20000e-2	2441.89233	4.91422e-6			
		3	1.20000e-2	2384.14209	5.03326e-6			

Peak Sum Table

No Entries in table

-13014

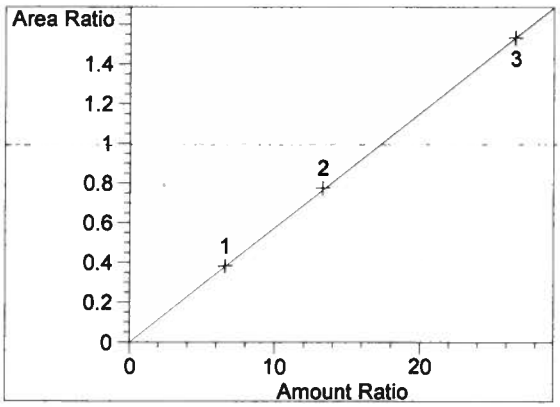
BB

Method C:\HPCHEM\1\METHODS\SIMALC1.M

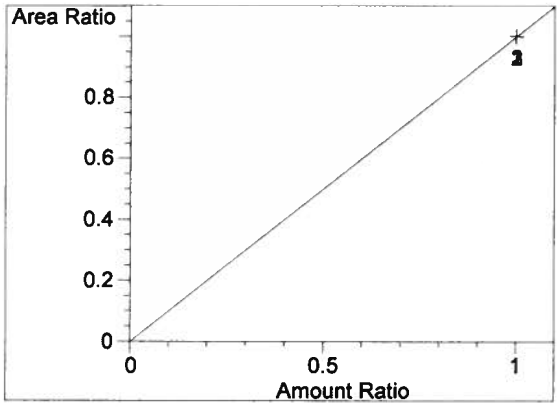
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.043
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00546
Formula: y = mx + b
m: 5.75934e-2
b: 3.16921e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.707
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

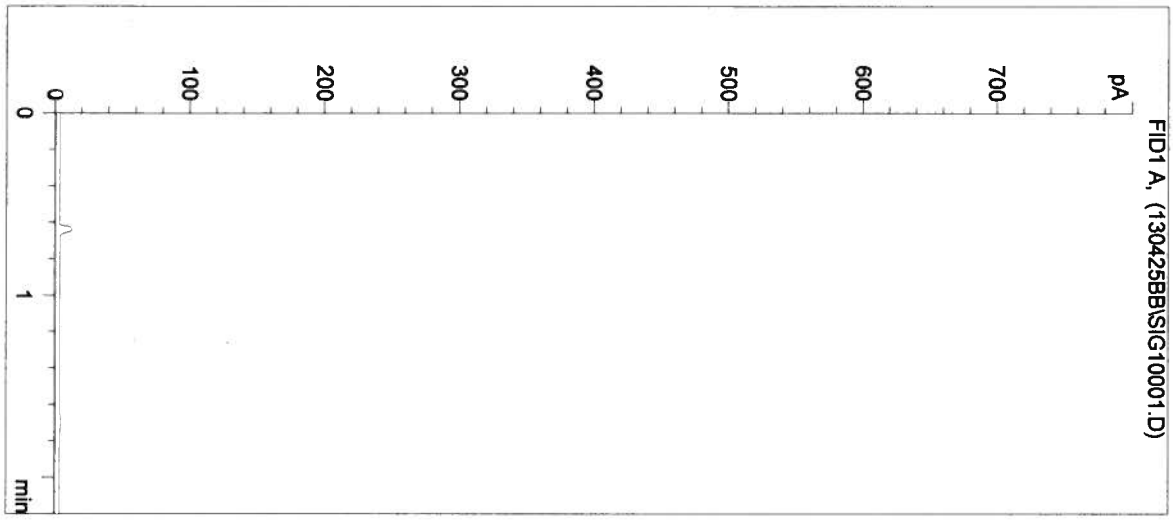
-13014

BB

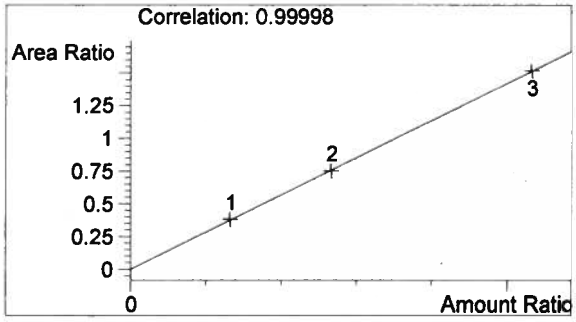
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/25/2013 8:13:34 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

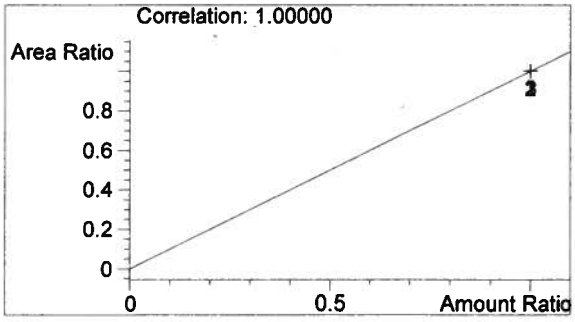
Sample Name: BLANK
Operator: Brittany Ball
Location: Vial 1



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

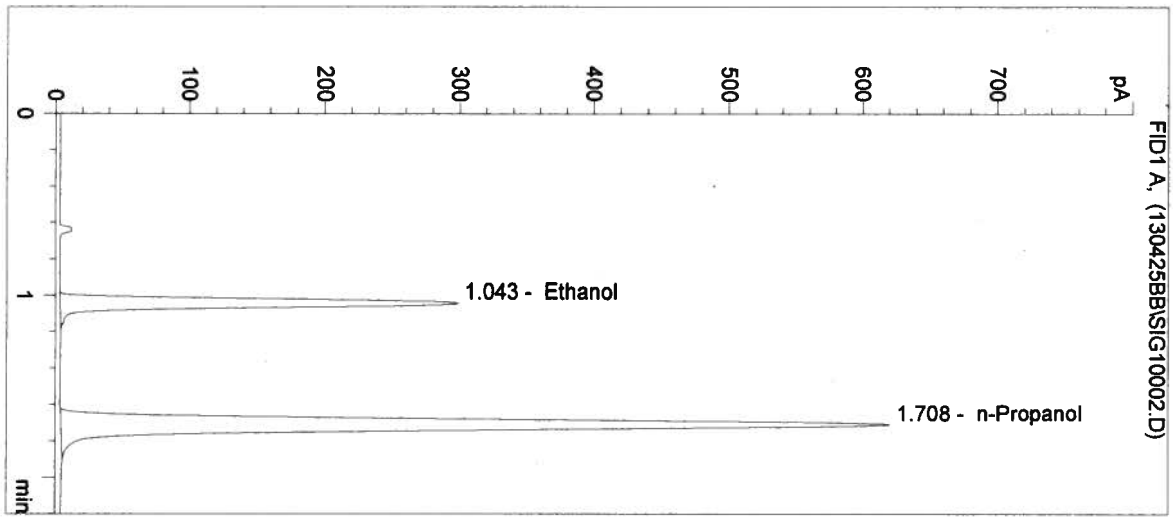
-13014

BB

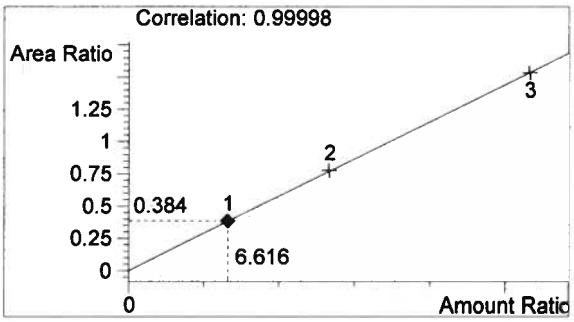
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/25/2013 8:16:39 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

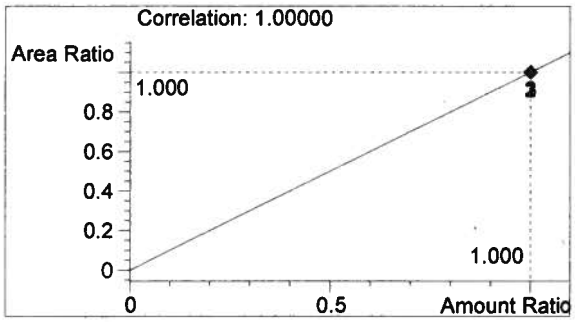
Sample Name: 0.079 CAL
Operator: Brittany Ball
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	940	1.043
2	n-Propanol	2446	1.708



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

-13014

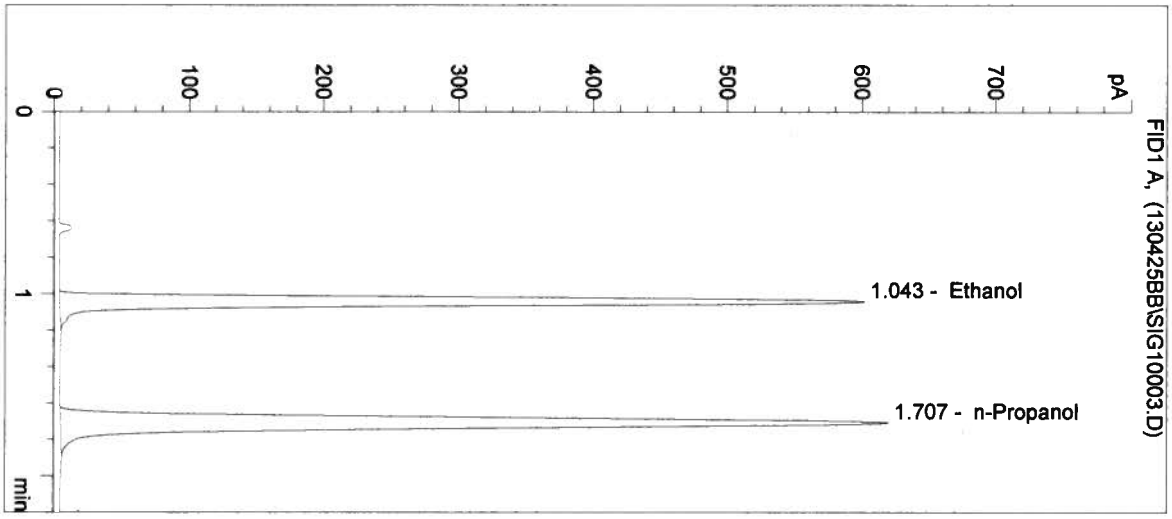
BB

Data File: C:\HPCHEM\1\DATA\130425BB\SIG10002.D

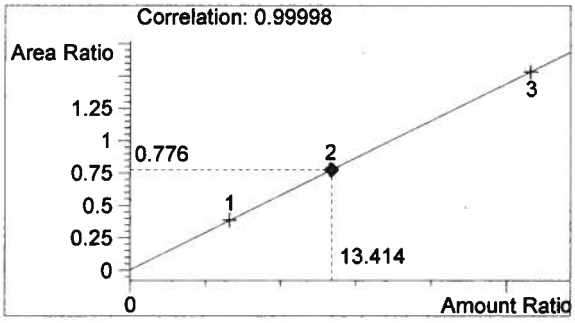
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/25/2013 8:19:43 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

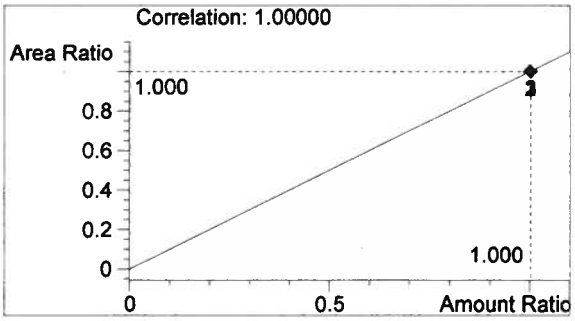
Sample Name: 0.158 CAL
Operator: Brittany Ball
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1894	1.043
2	n-Propanol	2442	1.707



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

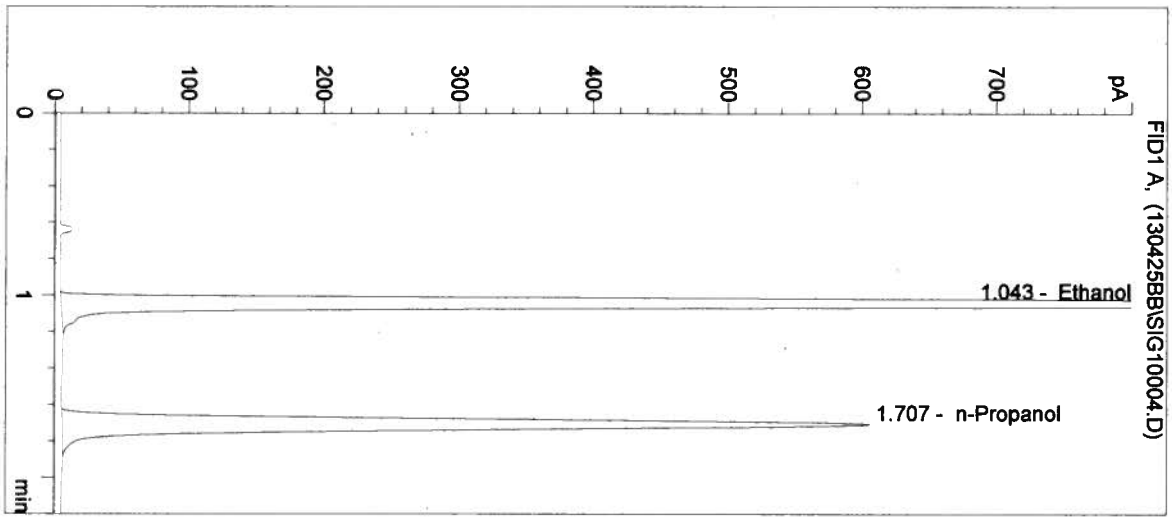
-13014

BB

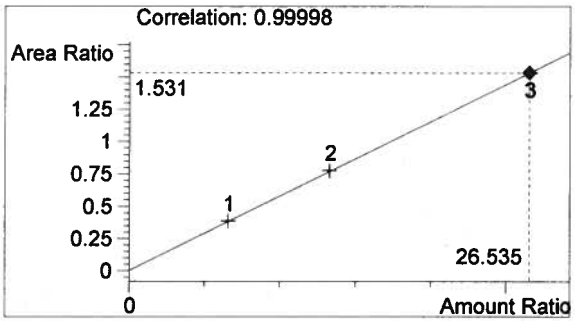
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/25/2013 8:22:48 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

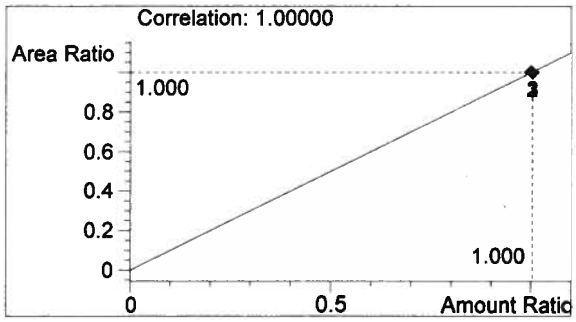
Sample Name: 0.316 CAL
Operator: Brittany Ball
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3651	1.043
2	n-Propanol	2384	1.707



Ethanol 0.318 g/100mL



n-Propanol 0.012 g/100mL

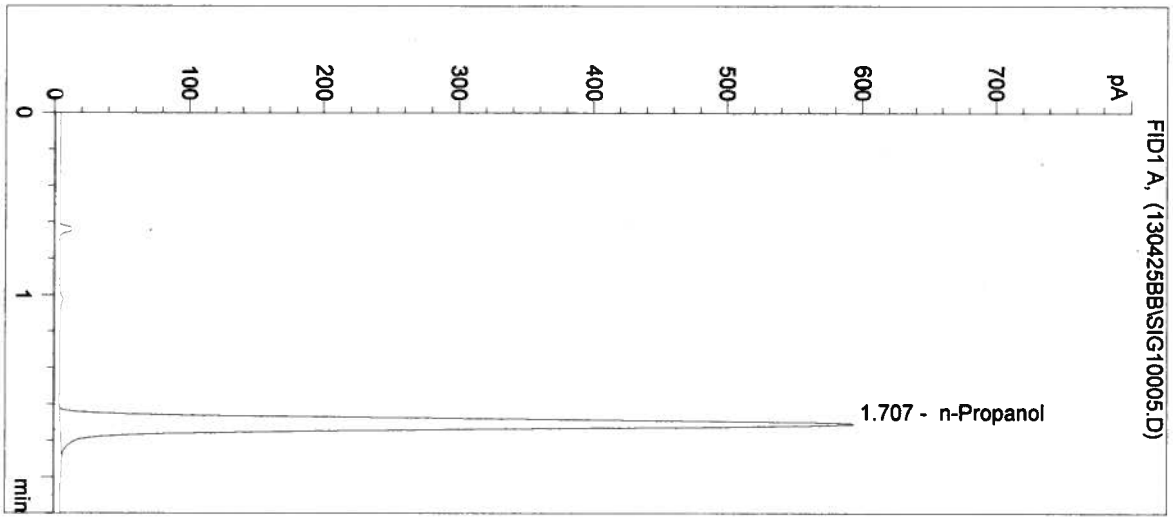
-13014

BB

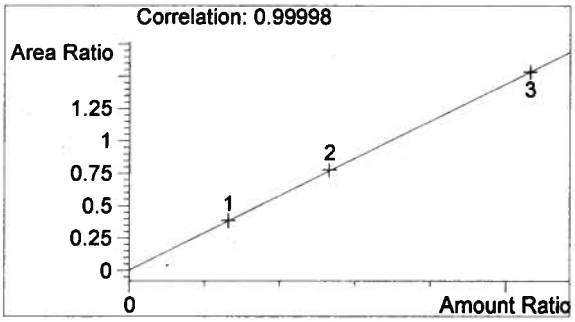
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/25/2013 8:25:53 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

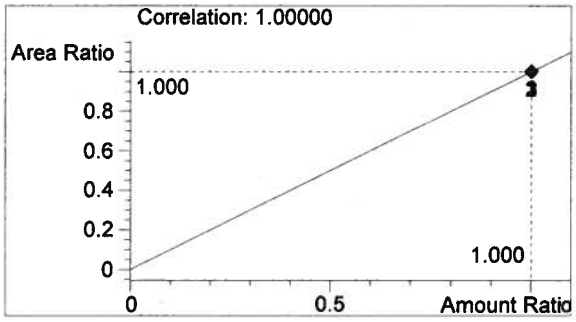
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2338	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

-13014

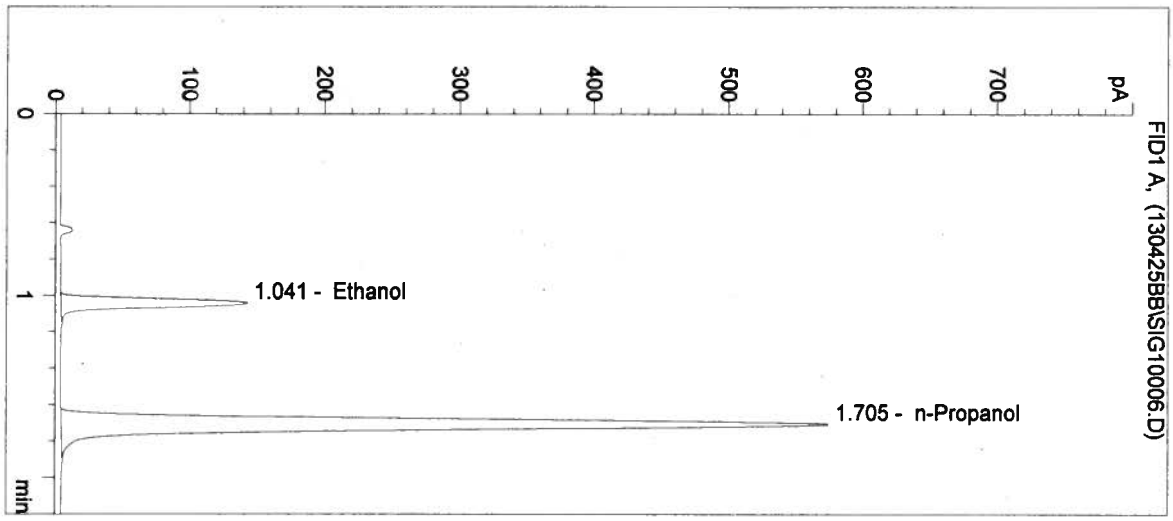
Data File: C:\HPCHEM\1\DATA\130425BB\SIG10005.D

BB

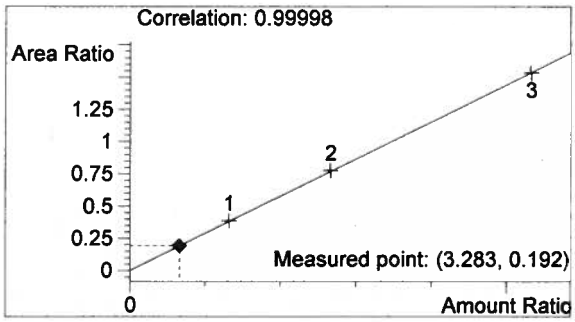
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/25/2013 8:28:58 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

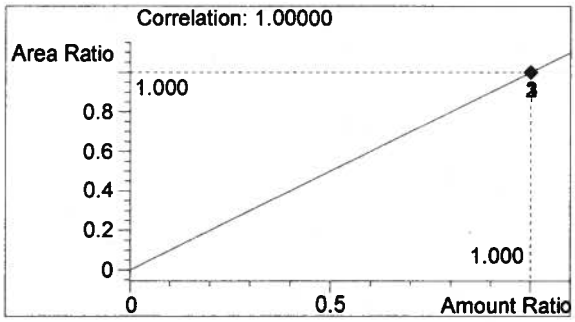
Sample Name: 0.04 CTRL BB
Operator: Brittany Ball
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	435	1.041
2	n-Propanol	2261	1.705



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

-13014

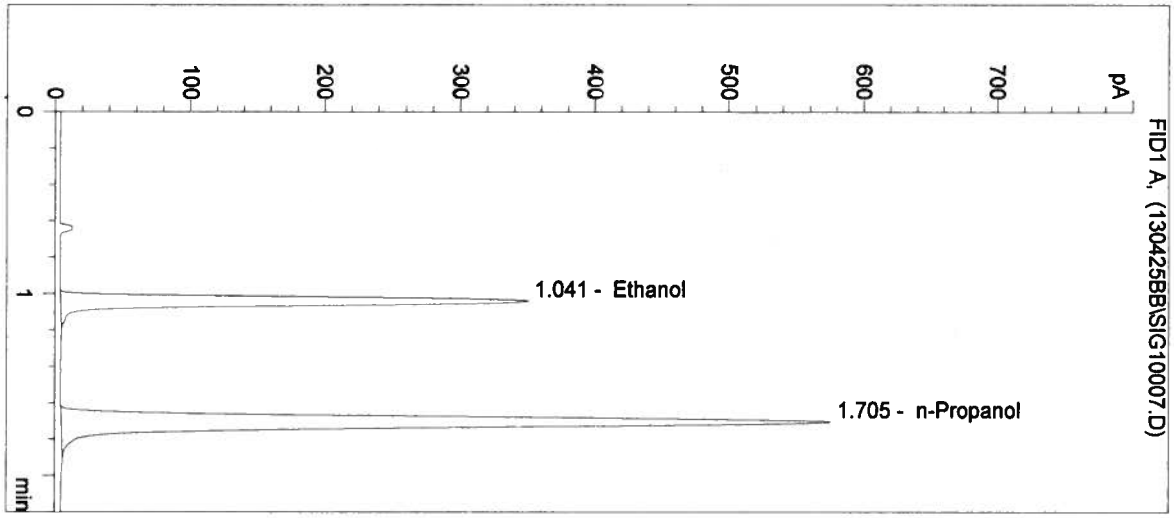
Data File: C:\HPCHEM\1\DATA\130425BB\SIG10006.D

BB

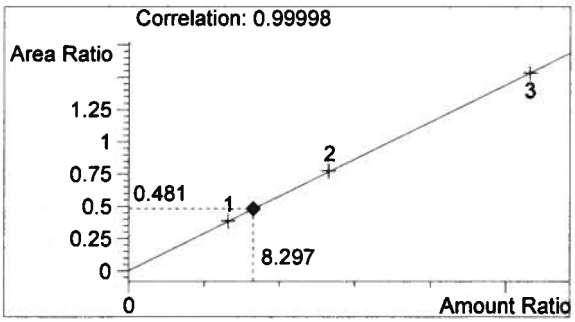
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/25/2013 8:32:02 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

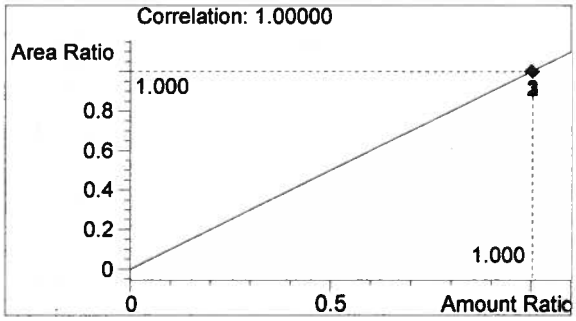
Sample Name: 0.10 CTRL BB
Operator: Brittany Ball
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1091	1.041
2	n-Propanol	2268	1.705



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

-13014

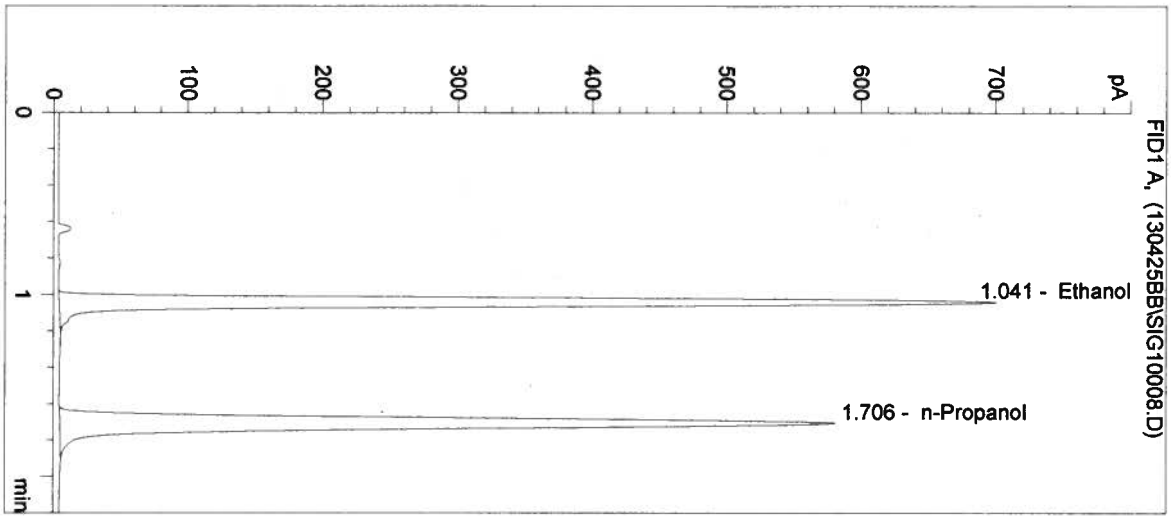
Data File: C:\HPCHEM\1\DATA\130425BB\SIG10007.D

BB

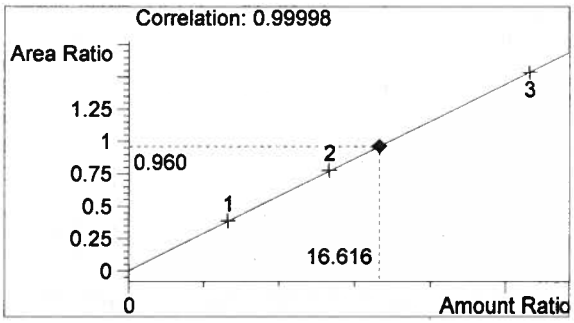
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/25/2013 8:35:07 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

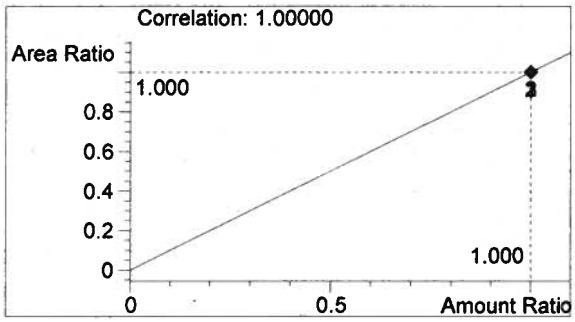
Sample Name: 0.20 CTRL BB
Operator: Brittany Ball
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2192	1.041
2	n-Propanol	2283	1.706



Ethanol 0.199 g/100mL



n-Propanol 0.012 g/100mL

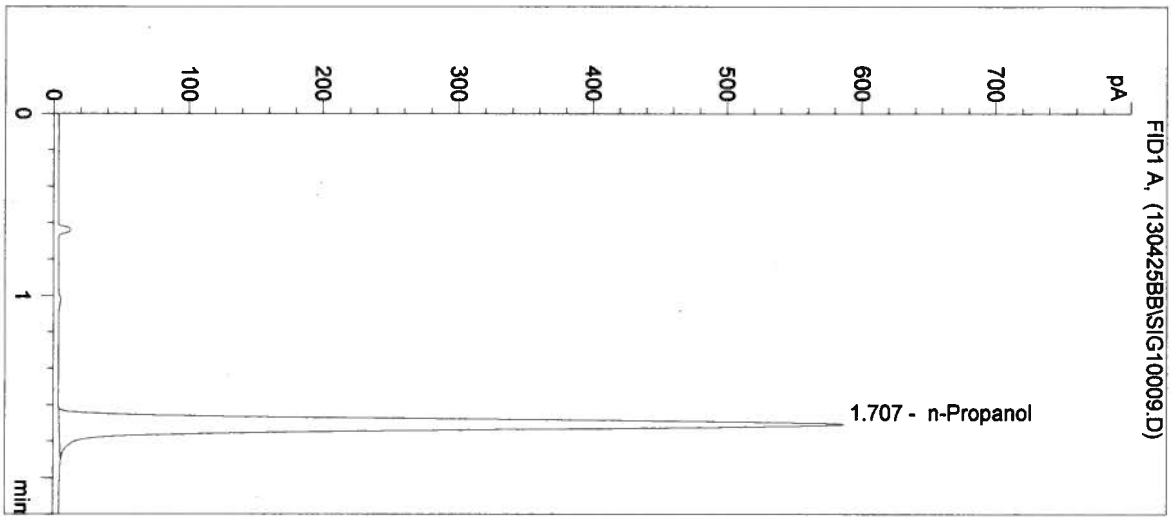
-13014

Data File: C:\HPCHEM\1\DATA\130425BB\SIG10008.D

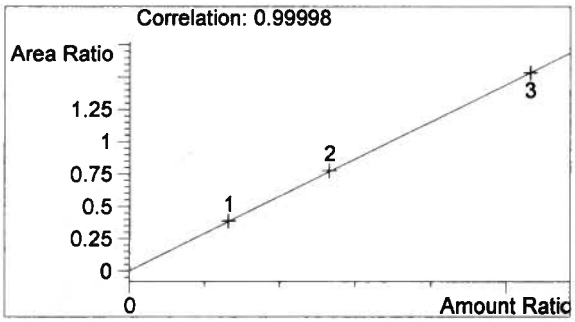
BB

Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

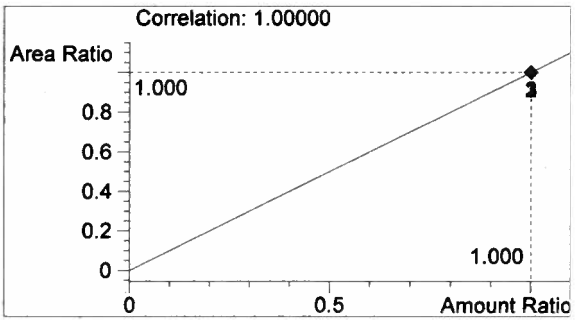
Inj. Date: 4/25/2013 8:38:12 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 9
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2318	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

-13014

Data File: C:\HPCHEM\1\DATA\130425BB\SIG10009.D

BB

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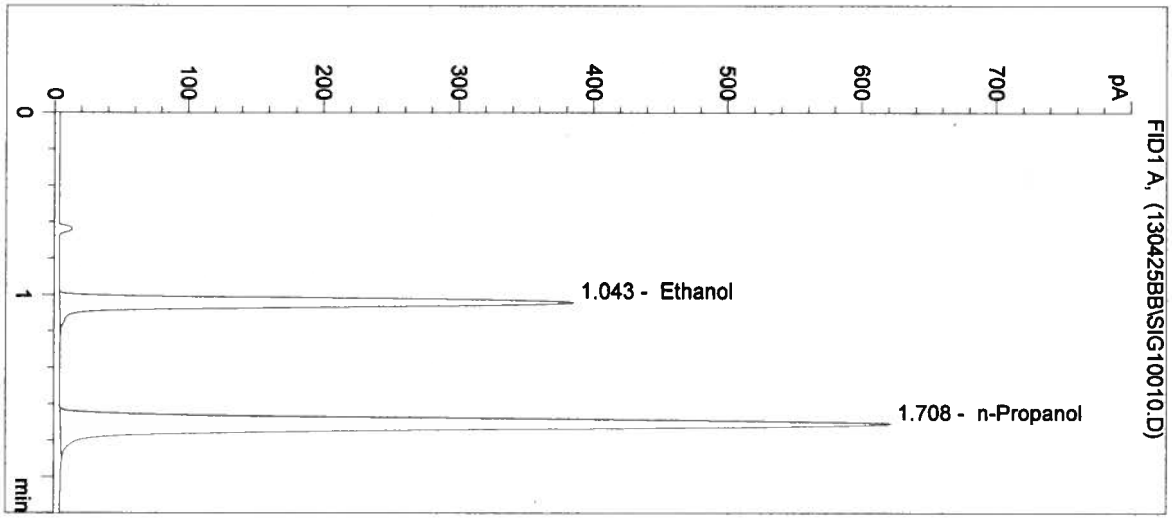
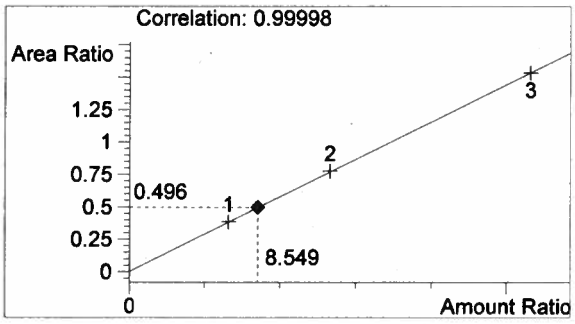
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/25/2013 8:41:17 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

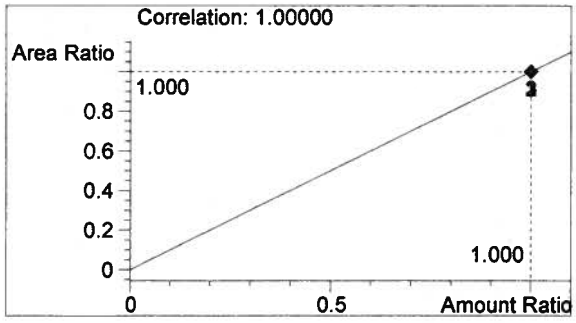
Sample Name: 13014-1
Operator: Brittany Ball
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1217	1.043
2	n-Propanol	2456	1.708



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

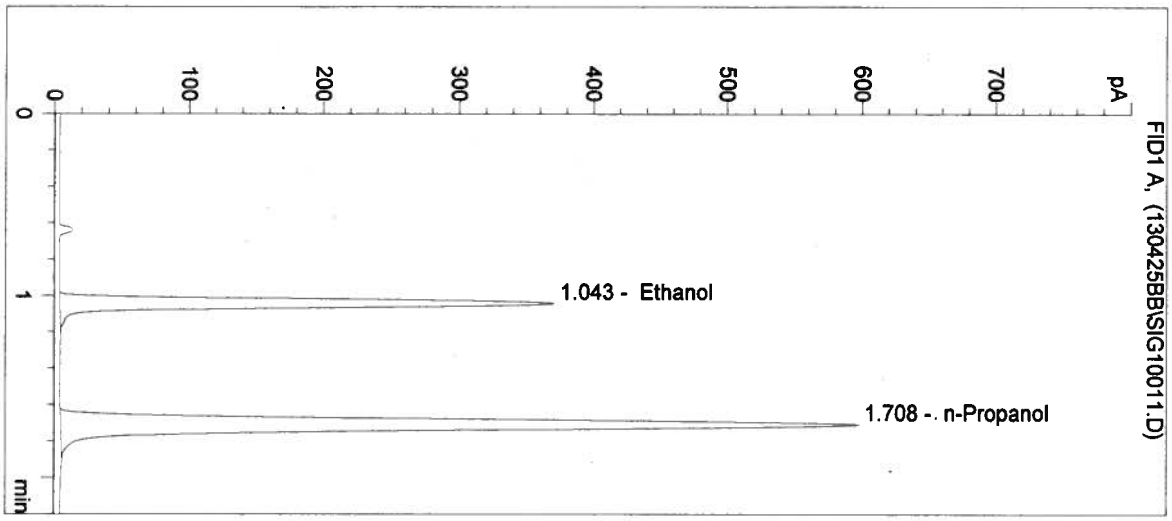
Data File: C:\HPCHEM\1\DATA\130425BB\SIG10010.D

BB

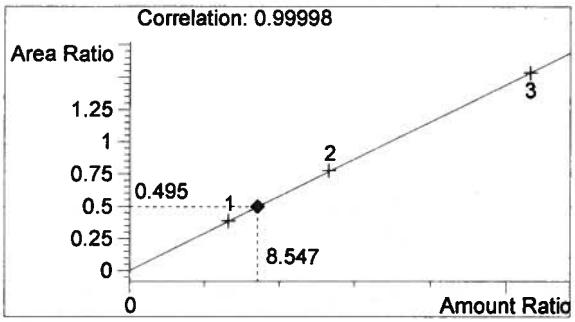
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/25/2013 8:44:21 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

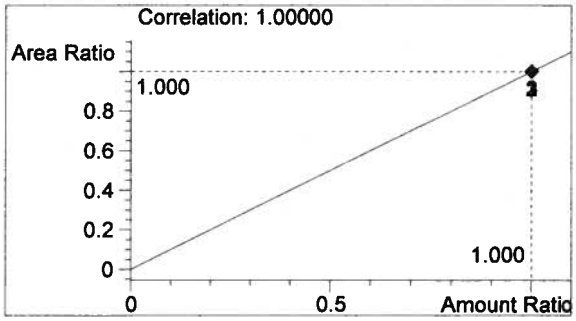
Sample Name: 13014-2
Operator: Brittany Ball
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1168	1.043
2	n-Propanol	2358	1.708



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

BB

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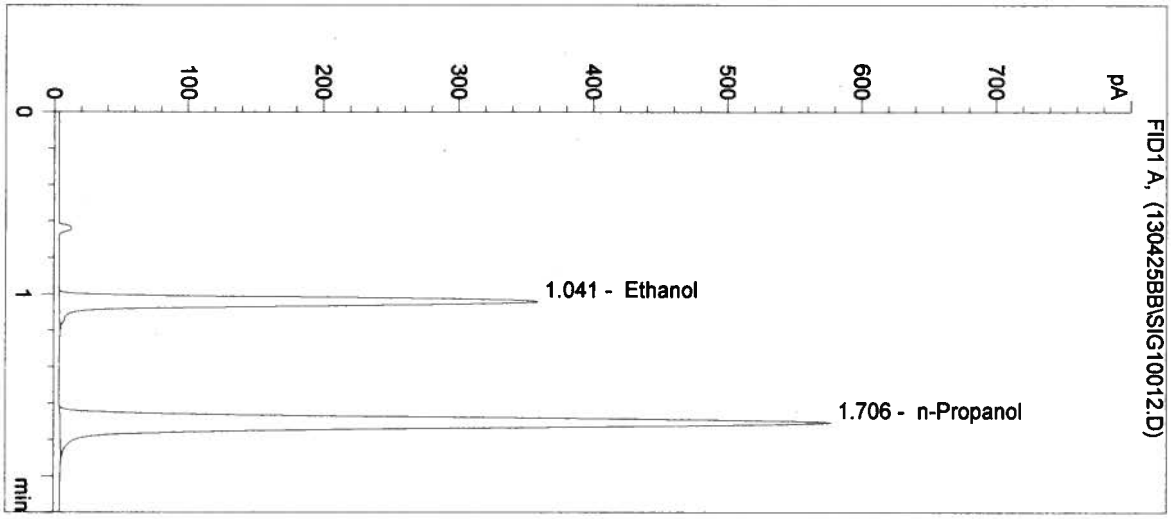
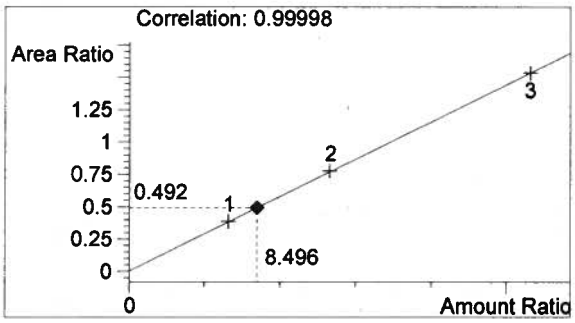
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/25/2013 8:47:26 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

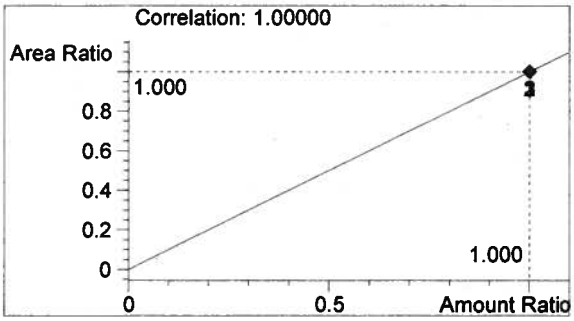
Sample Name: 13014-3
Operator: Brittany Ball
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1120	1.041
2	n-Propanol	2274	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

BB

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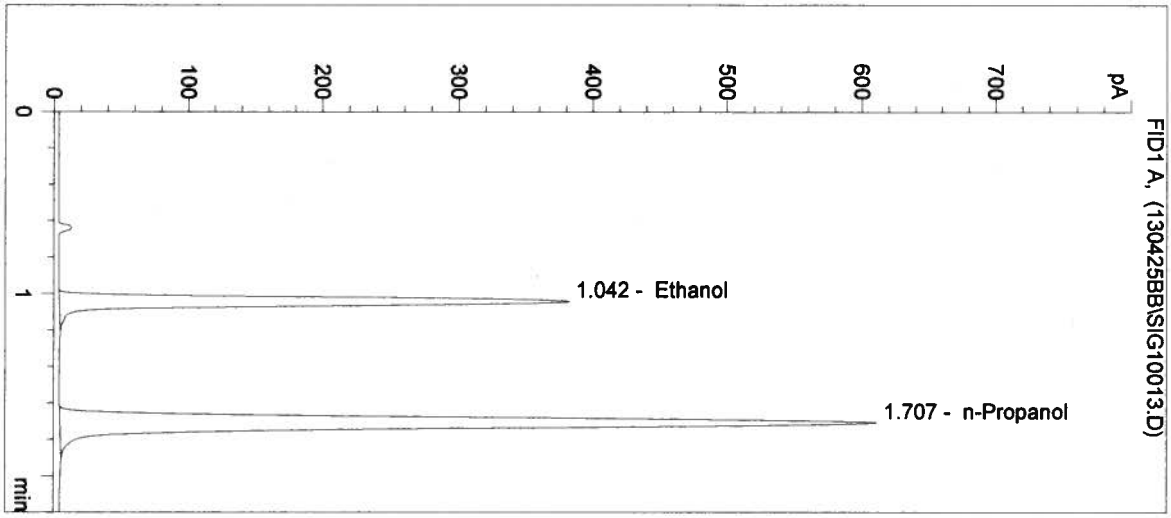
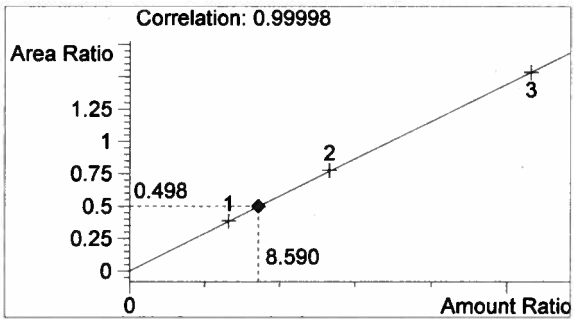
Inj. Date: 4/25/2013 8:50:31 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

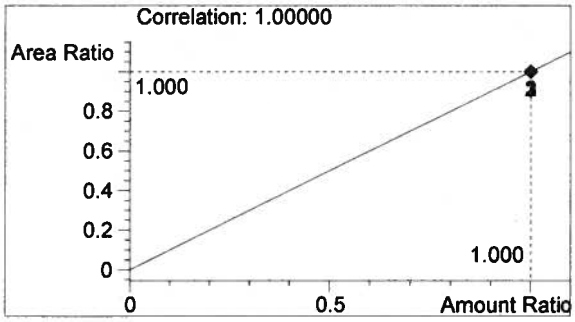
Sample Name: 13014-4
Operator: Brittany Ball
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1200	1.042
2	n-Propanol	2409	1.707



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

BB

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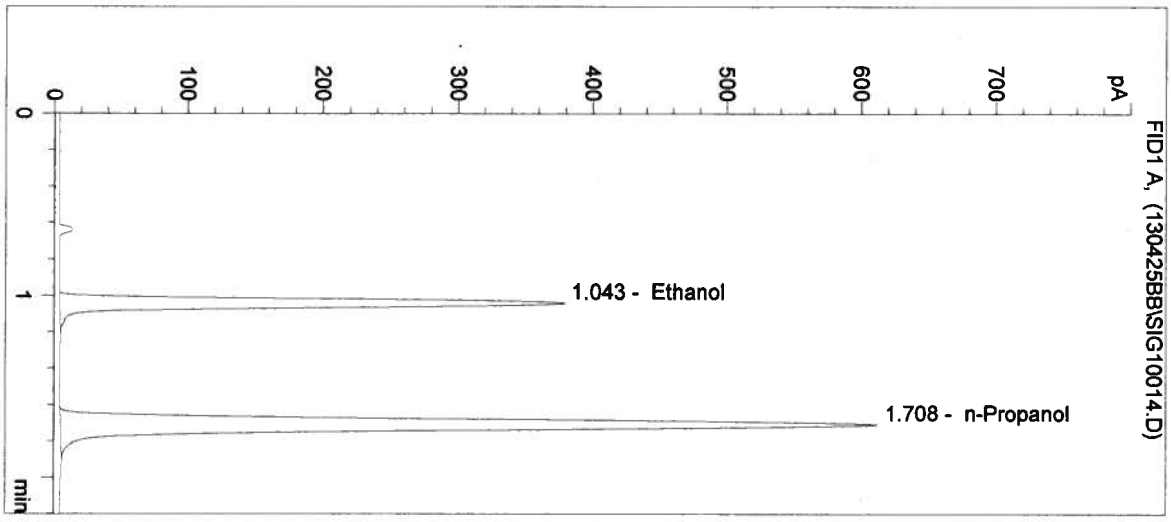
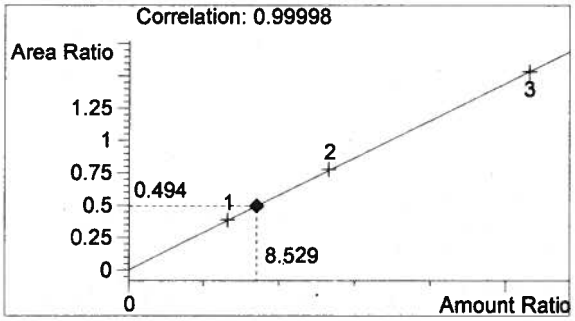
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/25/2013 8:53:36 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample-Info:

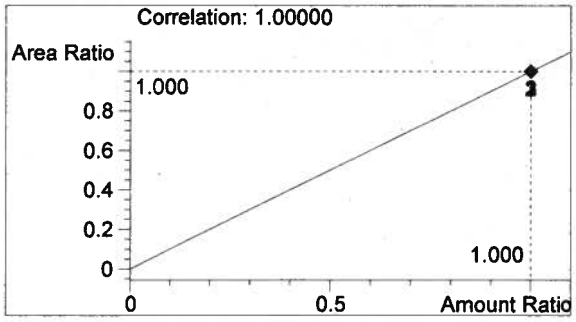
Sample Name: 13014-5
Operator: Brittany Ball
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1193	1.043
2	n-Propanol	2414	1.708



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

BB

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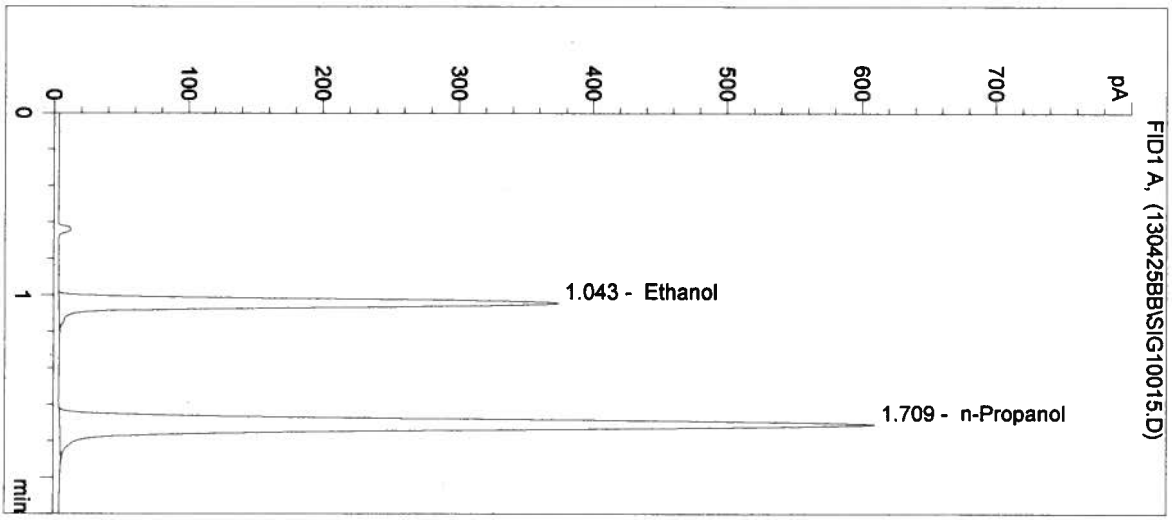
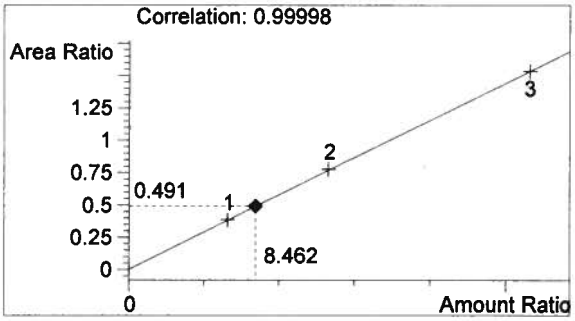
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/25/2013 8:56:40 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

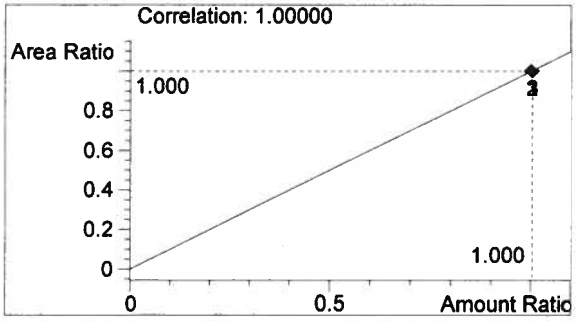
Sample Name: 0.10 CTRL BB
Operator: Brittany Ball
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1180	1.043
2	n-Propanol	2407	1.709



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

-13014

Data File: C:\HPCHEM\1\DATA\130425BB\SIG10015.D

BB

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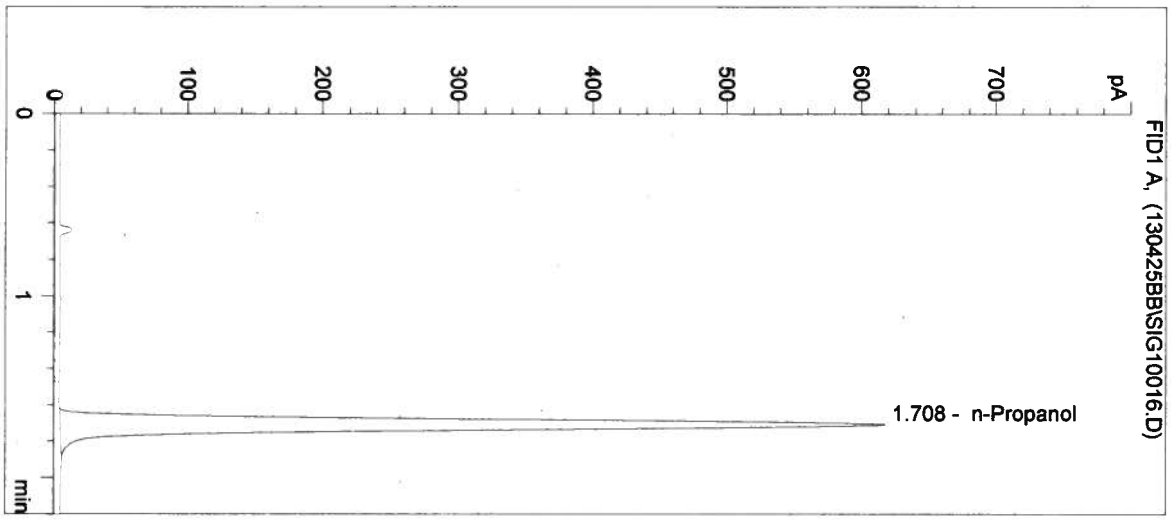
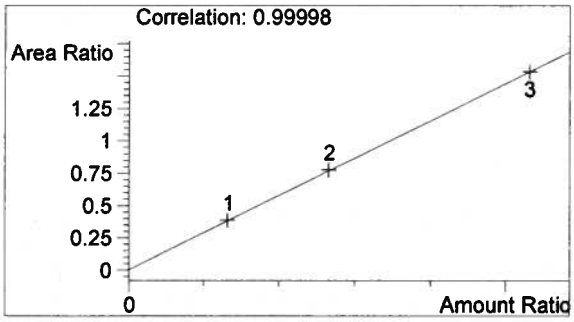
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/25/2013 8:59:45 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

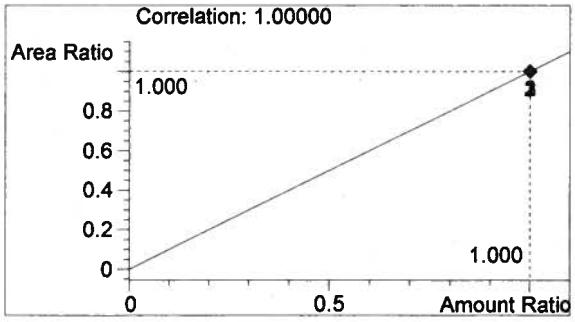
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2438	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

-13014

BB