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: 13007

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: 03/07/2013
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Lisa Noble

	LN	SS	CSJ	JLK	AJL	BB	RF	BEO
1	0.105	0.104	0.103	0.104	0.103	0.103	0.103	0.104
2	0.104	0.104	0.104	0.104	0.105	0.103	0.103	0.103
3	0.104	0.104	0.103	0.104	0.104	0.103	0.104	0.103
4	0.104	0.104	0.103	0.105	0.106	0.104	0.103	0.103
5	0.104	0.104	0.103	0.105	0.104	0.105	0.103	0.103
C	0.102	0.103	0.100	0.102	0.104	0.104	0.101	0.102

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1038 g/100mL
STANDARD DEVIATION: 0.00077
PRECISION CV (%): 0.74
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0844 g/210L**
EXPANDED UNCERTAINTY: ± 0.0032 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

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

4·1·2013
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
LN	Lisa Noble	Lisa Noble	03/07/2013
SS	Sarah Swenson		03/08/2013
CSJ	Christopher S. Johnston		03/08/2013
JLK	Justin L. Knoy		03/12/2013
AJL	Asa J. Louis		03/15/2013
BB	Brittany Ball	Brittany Ball	03/21/2013
RF	Rebecca Flaherty		03/22/2013
BEO	Brianne O'Reilly	Brianne O'Reilly	03/22/2013

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 #: 13007 **Date Prepared:** 3/7/2013

Analyst:	LN	SS	CSJ	JLK	AJL	BB	RF	BEO
Date Tested:	3/7/2013	3/8/2013	3/8/2013	3/12/2013	3/15/2013	3/21/2013	3/22/2013	3/22/2013
Instrument:	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1
1	0.105	0.104	0.103	0.104	0.103	0.103	0.103	0.104
2	0.104	0.104	0.104	0.104	0.105	0.103	0.103	0.103
3	0.104	0.104	0.103	0.104	0.104	0.103	0.104	0.103
4	0.104	0.104	0.103	0.105	0.106	0.104	0.103	0.103
5	0.104	0.104	0.103	0.105	0.104	0.105	0.103	0.103
C	0.102	0.103	0.100	0.102	0.104	0.104	0.101	0.102

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000547023	0.0001844629	0.0001016326

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

Average Solution Concentration: 0.1038 g/100mL
Standard Deviation: 0.00077 g/100mL
Precision CV (%): 0.74
Equivalent Vapor Concentration: 0.0844 g/210L
Combined Standard Uncertainty (±): 0.0016 g/210L
Expanded Uncertainty (±): 0.0032 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Lemberton Melissa L. Lemberton 3/26/13
Name Signature Date

Calculations verified by: Amanda M. Black 4-1-2013
Name Signature Date

Method: Hand calculation

Technical review of batch file performed by:

Melissa L. Lemberton Melissa L. Lemberton 3-29-2013
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 4-1-2013

Location: WSP-FLSB Seattle, WA **Solution Batch Number:** 13007

	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:** 4-1-2013

Reviewer Signature: N/A AB 4-1-13 **Date:**

WSP-TLD | COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 3/7/13 Initials of Preparer: [illegible]

Expiration Date: 3/7/14

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

Date the 200-proof Ethanol bottle was opened: 2/25/13

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	☒	13007

Stir bar is rotating	☒
Stirred for minimum 30 minutes; 2 hours for ESS	☒
Spigot purged	☒
Aliquot taken	☒
Batch labeled, packaged and sealed	☒

3/7/13
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:

[illegible]
Analyst Signature

3/7/13
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	[illegible]	2013 mar 26
Brianna Peterson		
Brianne O'Reilly	BLO	3·28·13
Brittany Ball	BB	3/26/13
Christie Mitchell-Mata		
Christopher Johnston	CJ	3/26/13
Justin Knoy	JK	3.28.13
Lisa Noble	[illegible]	3/26/13
Naziha Nuwayhid		
Rebecca Flaherty	RF	3·26·13
Sarah Swenson	SMS	3/26/13

Batch # 1 3 0 0 7

~~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 13007

I, Lisa Noble, 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 and seven years laboratory experience in forensic toxicology.

The external standard solution, Lot Number 13007, was prepared in the Washington State Toxicology Laboratory on 3/7/2013. 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 3/7/2014.

Seattle, WA

Lisa Noble 3/26/13

Lisa Noble Date

Forensic Toxicologist

~~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 13007

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 13007, was prepared in the Washington State Toxicology Laboratory on 3/7/2013. 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 3/7/2014.

Seattle, WA

3/26/13

Sarah M. Swenson — Date

Forensic Toxicologist

~~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 13007

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 13007, was prepared in the Washington State Toxicology Laboratory on 3/7/2013. 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 3/7/2014.

Seattle, WA

3/26/2013

Christopher S. Johnston Date
Forensic Toxicologist

~~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 13007

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 13007, was prepared in the Washington State Toxicology Laboratory on 3/7/2013. 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 3/7/2014.

Seattle, WA

Justin L. Knoy 3.28.13

Justin L. Knoy — Date

Forensic Toxicologist

~~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 13007

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 13007, was prepared in the Washington State Toxicology Laboratory on 3/7/2013. 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 3/7/2014.

Seattle, WA

2013 MAR 26

Asa J. Louis — Date

Forensic Toxicologist

~~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 13007

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 13007, was prepared in the Washington State Toxicology Laboratory on 3/7/2013. 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 3/7/2014.

Seattle, WA

Brittany Ball 3/26/13

Brittany Ball Date

Forensic Toxicologist

~~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 13007

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 13007, was prepared in the Washington State Toxicology Laboratory on 3/7/2013. 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 3/7/2014.

Seattle, WA

3.26.2013

Rebecca Flaherty Date

Forensic Toxicologist

~~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 13007

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 13007, was prepared in the Washington State Toxicology Laboratory on 3/7/2013. 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 3/7/2014.

Seattle, WA

Brianne E. O'Reilly 3-28-13

Brianne E. O'Reilly Date

Forensic Toxicologist

Sequence: C:\HPCHEM\1\SEQUENCE\LNEXT1.S

Sequence Parameters:

Operator:	Lisa Noble
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:	130307LN
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
ISTD 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 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 - LN	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - LN	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - LN	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - LN	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - LN	SIMALC1	1	Ctrl Samp		
10	Vial 10	13007 #1	SIMALC1	1	Sample		
11	Vial 11	13007 #2	SIMALC1	1	Sample		
12	Vial 12	13007 #3	SIMALC1	1	Sample		
13	Vial 13	13007 #4	SIMALC1	1	Sample		
14	Vial 14	13007 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - LN	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - LN	SIMALC1	1	Ctrl Samp		

13007

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\LNEXT1.S

Sequence Table (Back Injector):

No entries - empty table!

Lh

13007

Calibration Table

Calib. Data Modified : Thursday, March 07, 2013 11:50:37 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
1.041		1	1	7.93800e-2	866.42737	9.16176e-5	1		Ethanol
			2	1.59660e-1	1757.08020	9.08667e-5			
			3	3.19080e-1	3435.25879	9.28838e-5			
1.705		1	1	1.20000e-2	2328.34131	5.15388e-6	I1		n-Propanol
			2	1.20000e-2	2324.17188	5.16313e-6			
			3	1.20000e-2	2306.62598	5.20240e-6			

Peak Sum Table

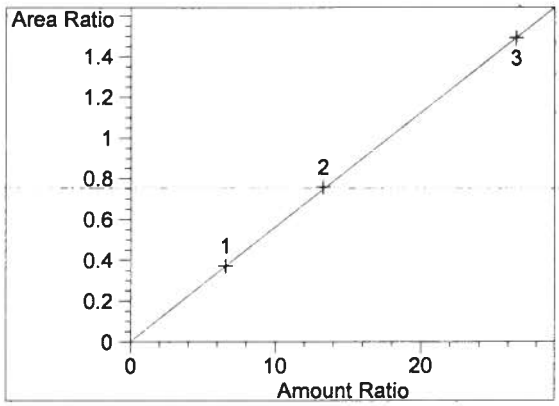
No Entries in table

13007

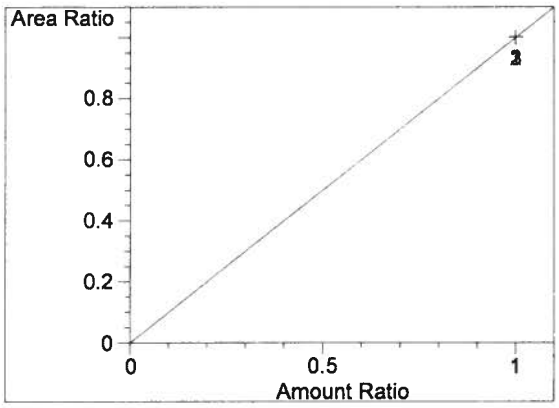
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00634
Formula: y = mx + b
m: 5.60356e-2
b: 2.80210e-3
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

==========

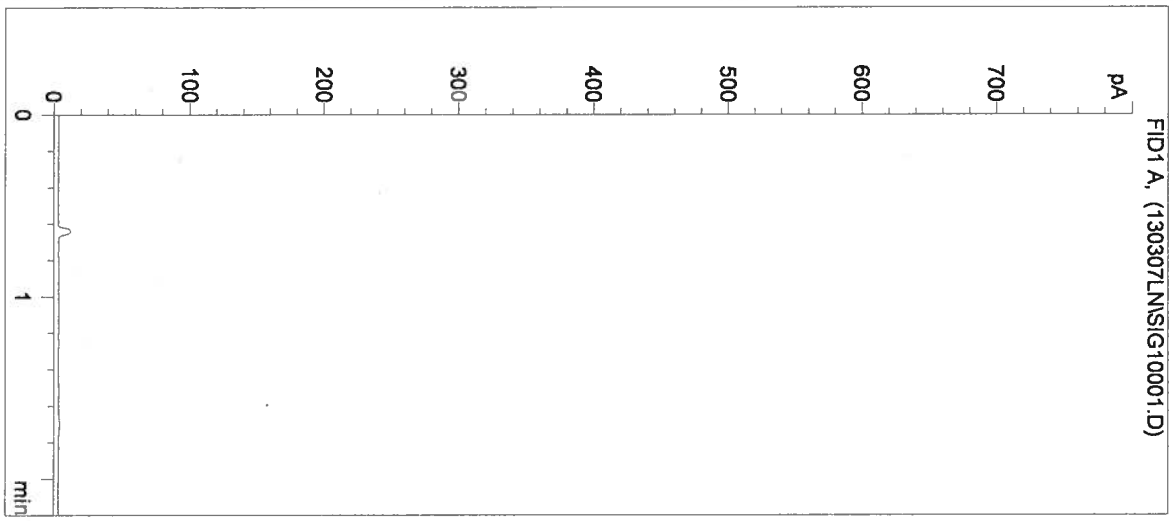
fn

13007

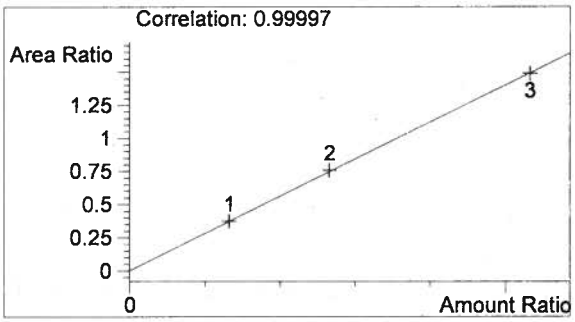
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/7/2013 11:39:10 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

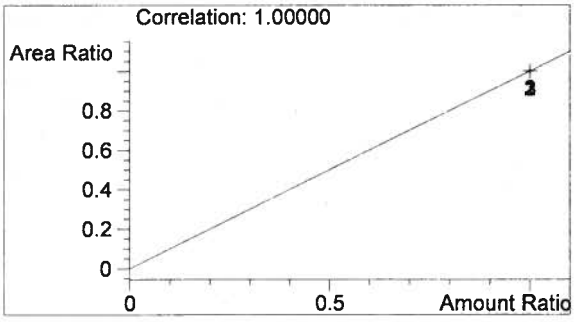
Sample Name: Blank
Operator: Lisa Noble
Location: Vial 1



#	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

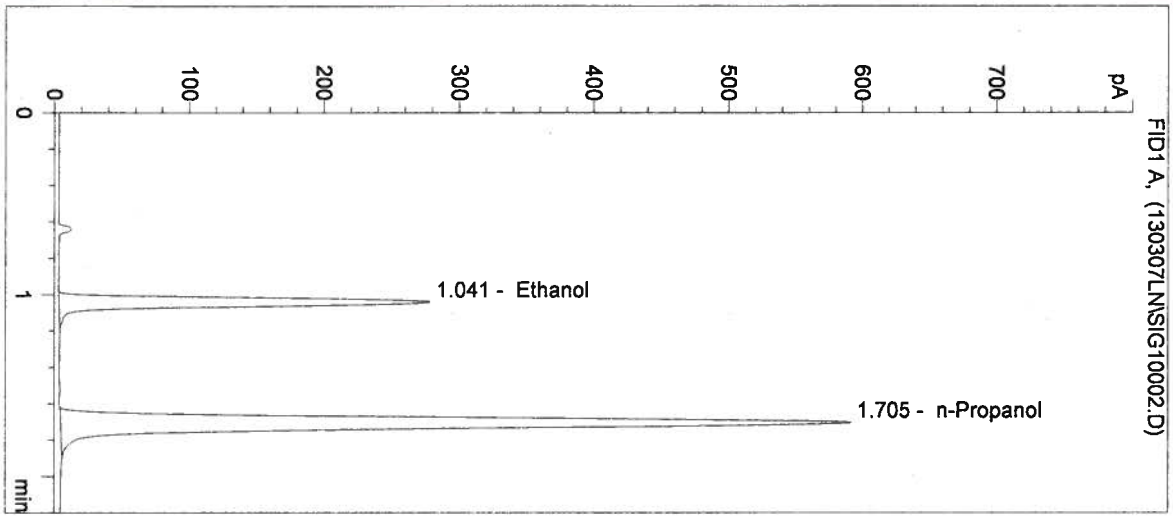
ln

13007

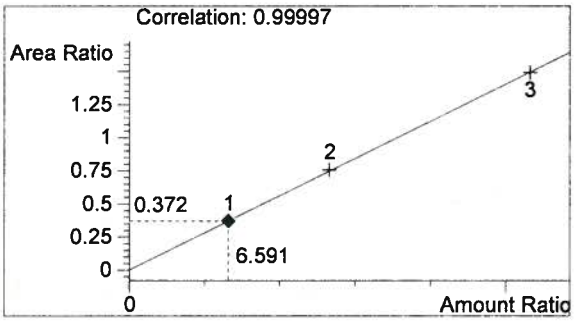
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/7/2013 11:42:15 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

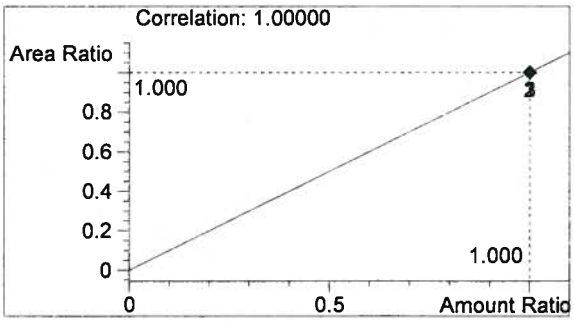
Sample Name: 0.079 CAL 1
Operator: Lisa Noble
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	866	1.041
2	n-Propanol	2328	1.705



Ethanol 0.079 g/100mL



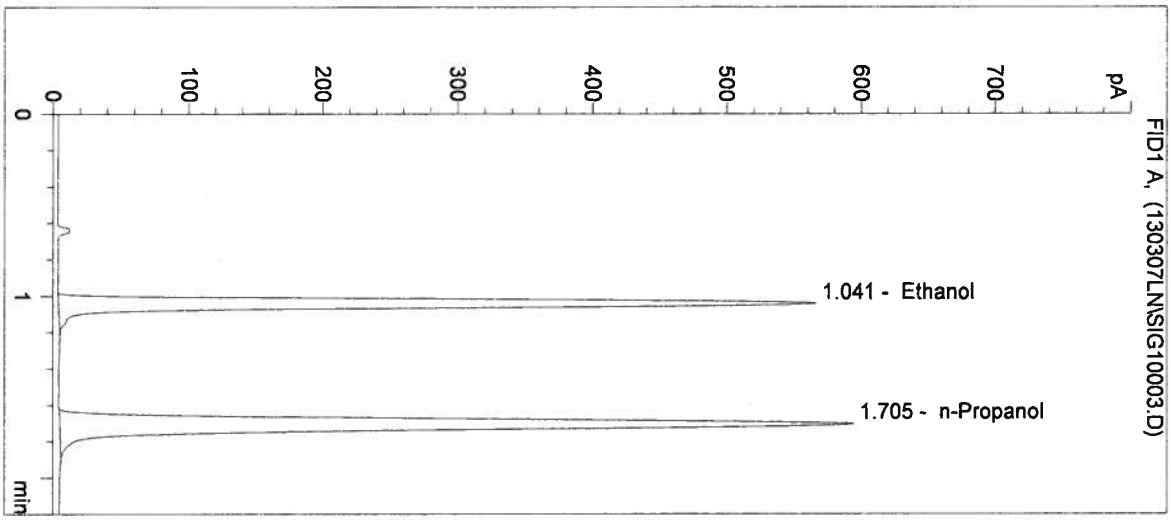
n-Propanol 0.012 g/100mL

13007

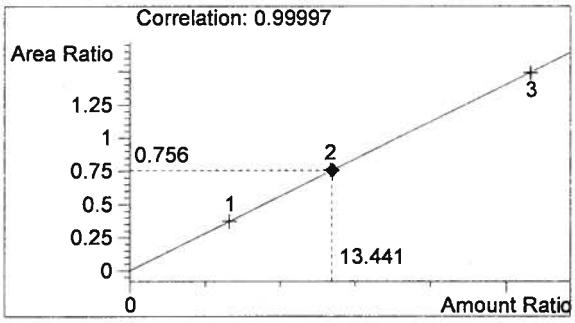
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/7/2013 11:45:19 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

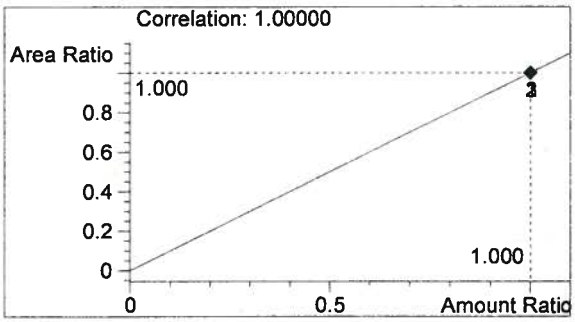
Sample Name: 0.158 CAL 2
Operator: Lisa Noble
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1757	1.041
2	n-Propanol	2324	1.705



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

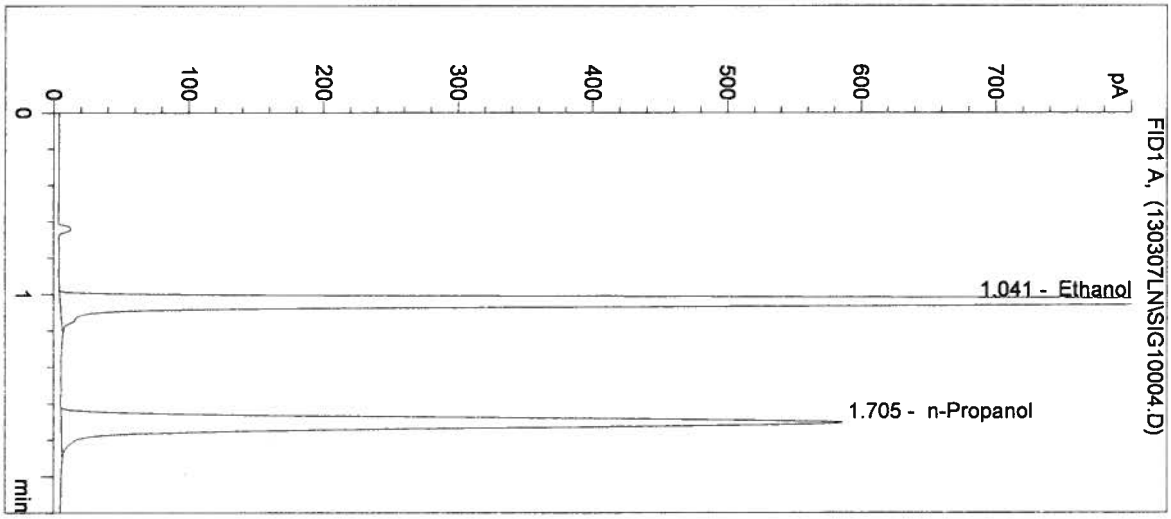
fn

13007

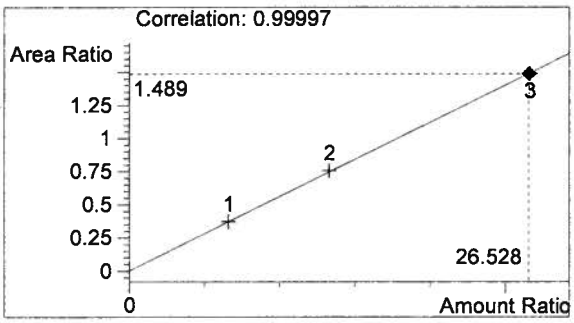
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/7/2013 11:48:24 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

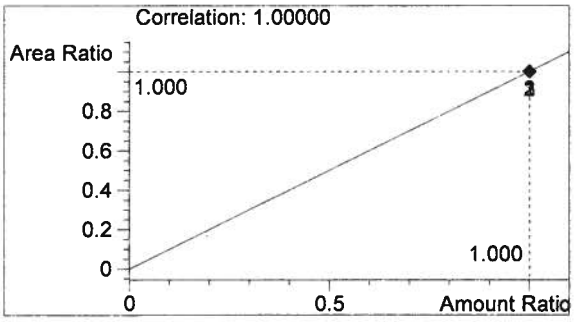
Sample Name: 0.316 CAL 3
Operator: Lisa Noble
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3435	1.041
2	n-Propanol	2307	1.705



Ethanol 0.318 g/100mL



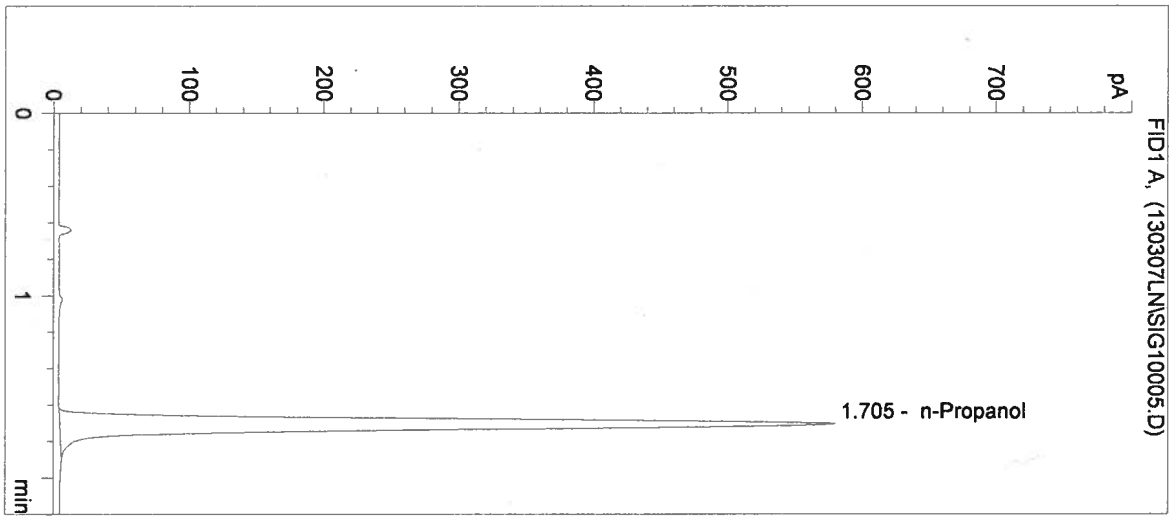
n-Propanol 0.012 g/100mL

130307

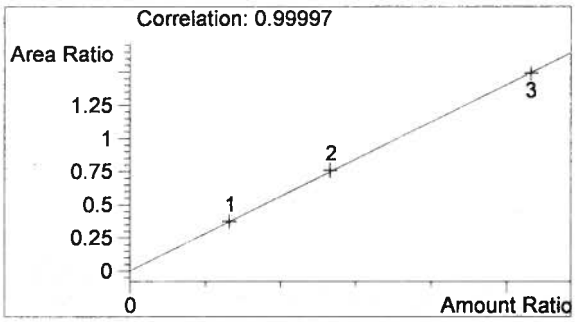
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/7/2013 11:51:29 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

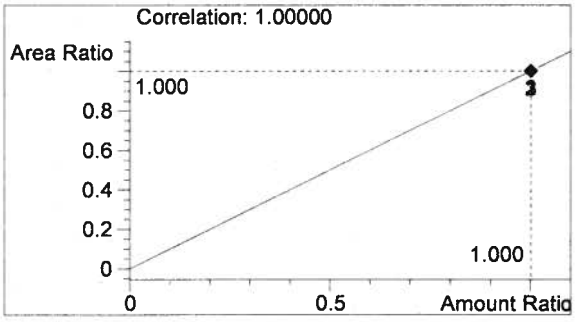
Sample Name: NEG CTRL - LN
Operator: Lisa Noble
Location: Vial 5



#	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

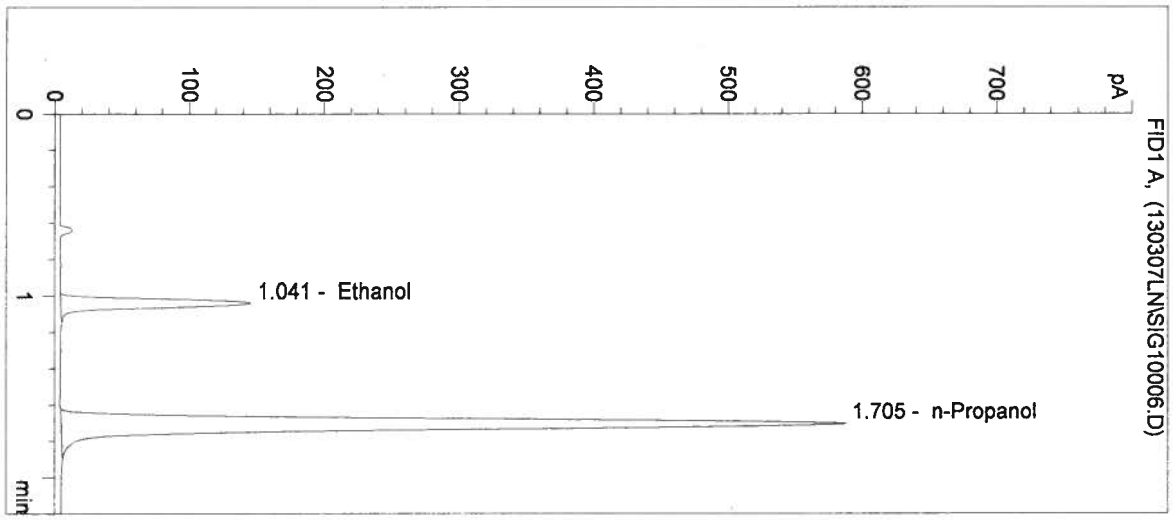
fn

13007

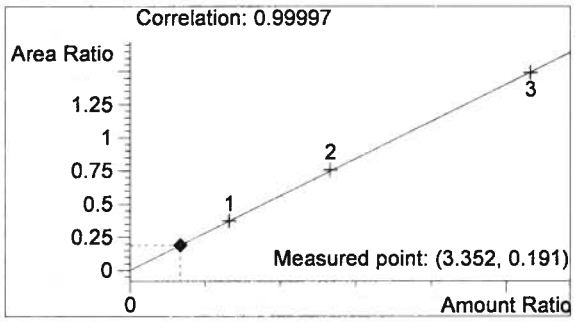
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/7/2013 11:54:33 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

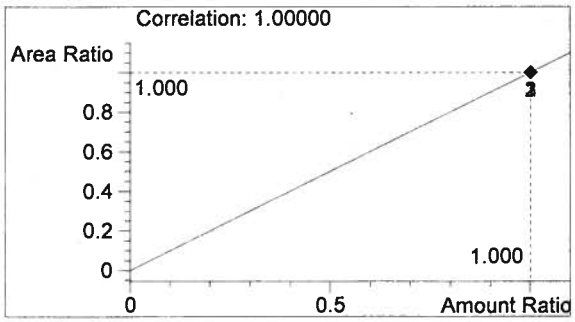
Sample Name: 0.04 CTRL - LN
Operator: Lisa Noble
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	440	1.041
2	n-Propanol	2308	1.705



Ethanol 0.040 g/100mL



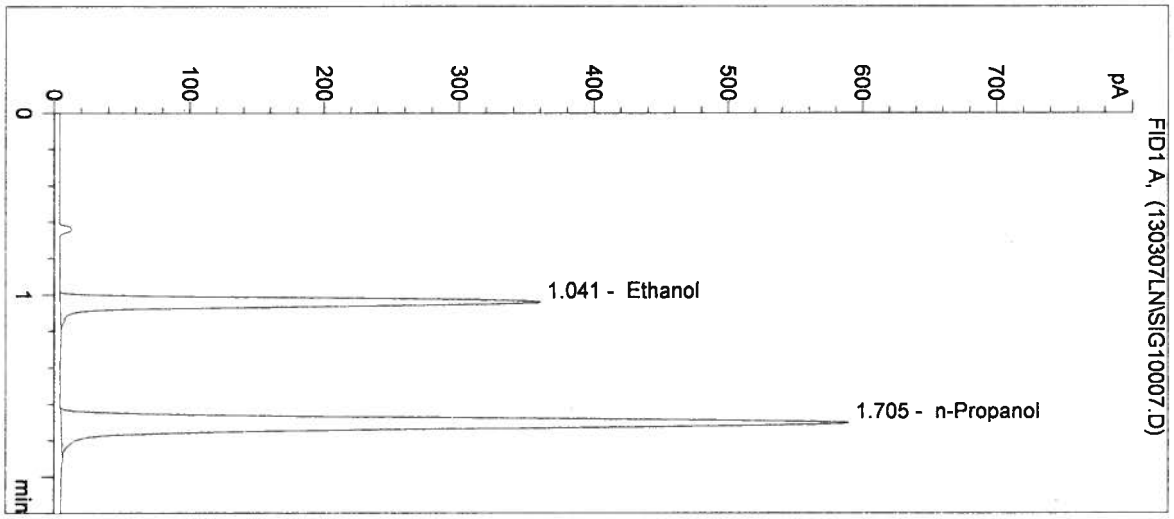
n-Propanol 0.012 g/100mL

13007

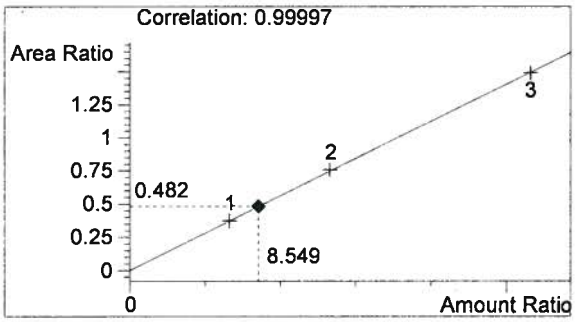
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/7/2013 11:57:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

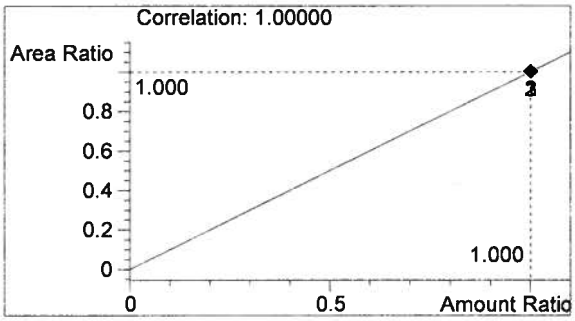
Sample Name: 0.10 CTRL - LN
Operator: Lisa Noble
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1118	1.041
2	n-Propanol	2320	1.705



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

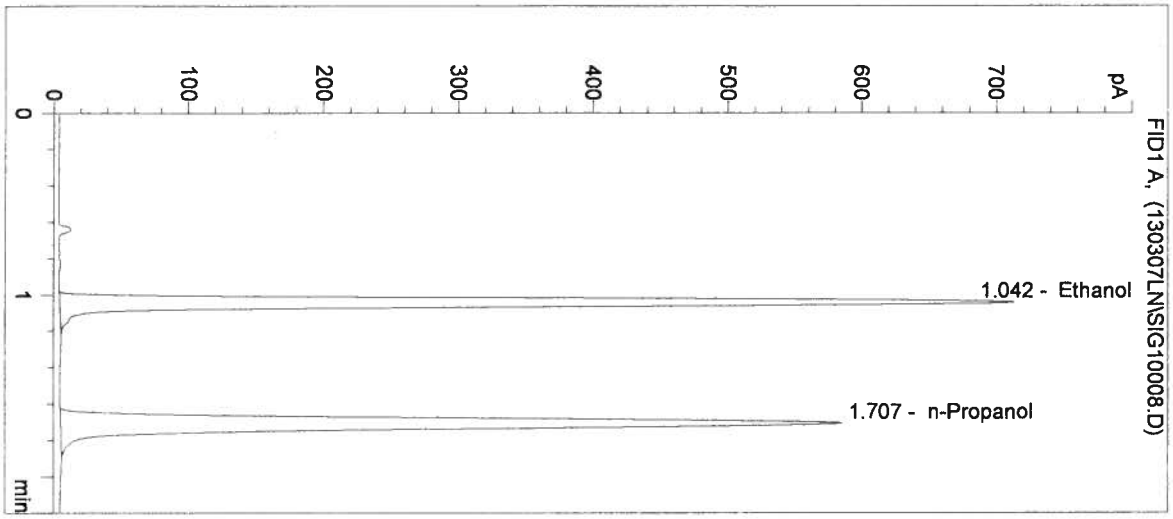
fn

13007

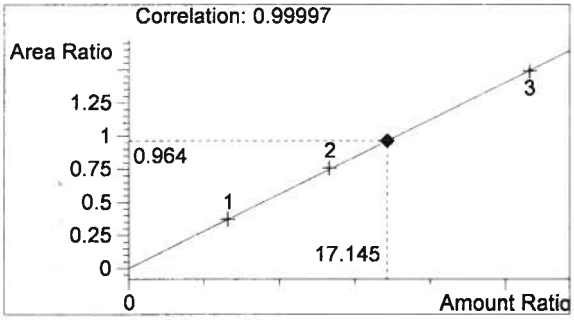
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/7/2013 12:00:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

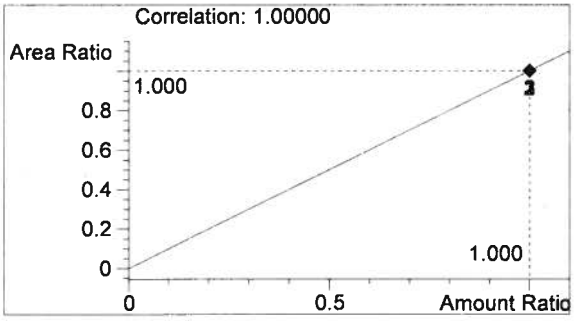
Sample Name: 0.20 CTRL - LN
Operator: Lisa Noble
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2211	1.042
2	n-Propanol	2295	1.707



Ethanol 0.206 g/100mL



n-Propanol 0.012 g/100mL

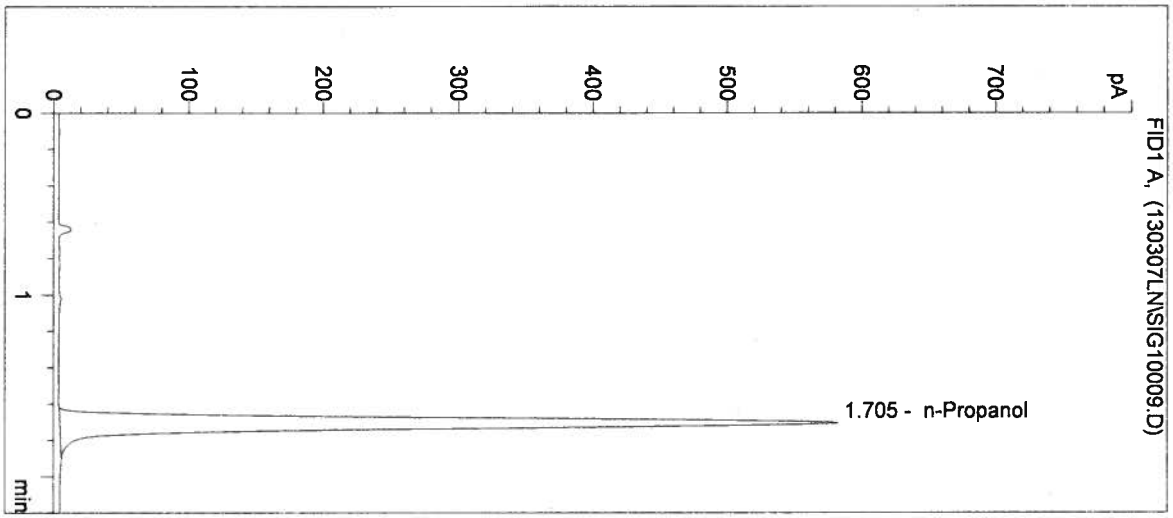
fn

13007

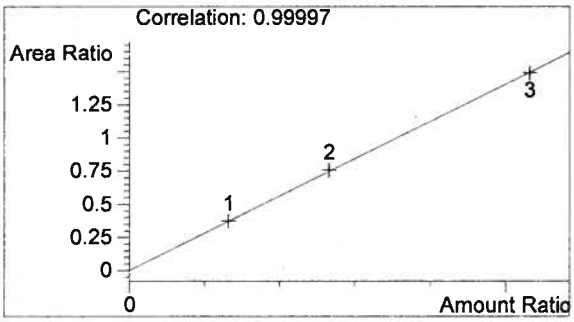
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/7/2013 12:03:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

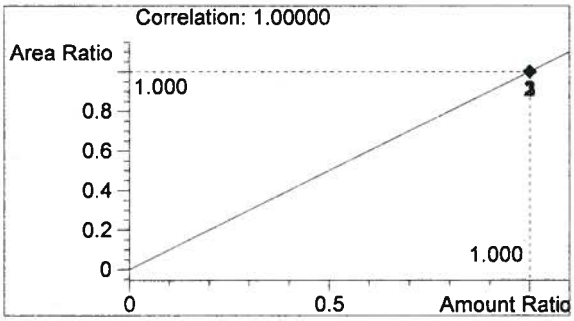
Sample Name: NEG CTRL - LN
Operator: Lisa Noble
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2299	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

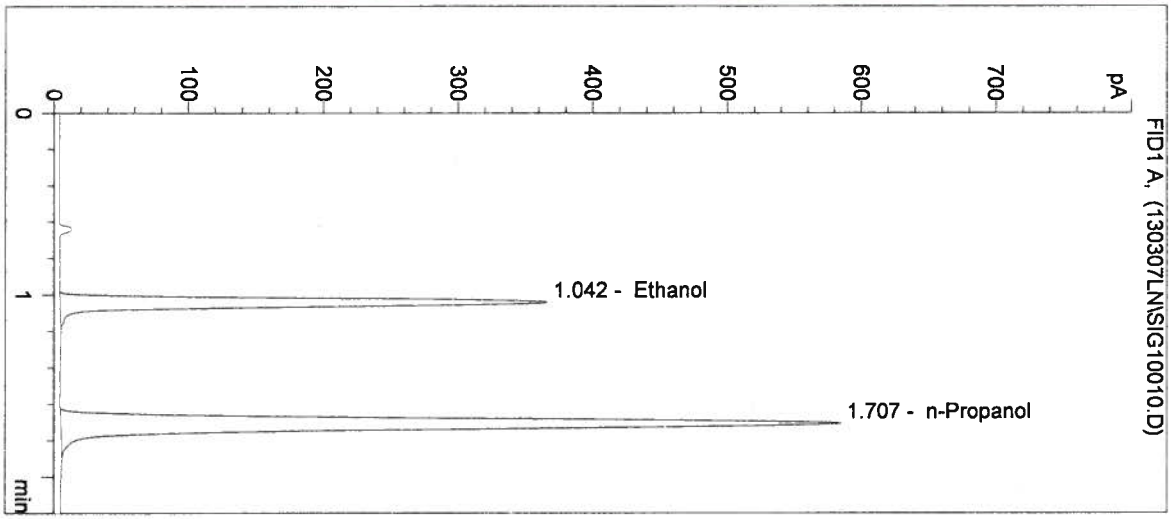
fn

13007

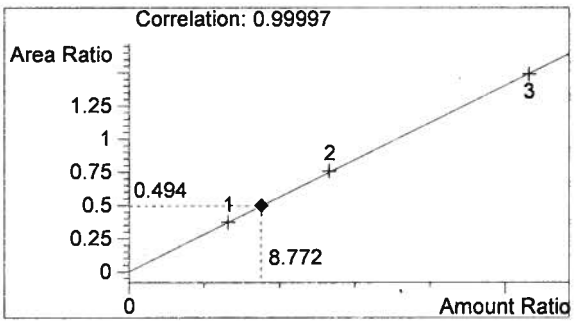
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/7/2013 12:06:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

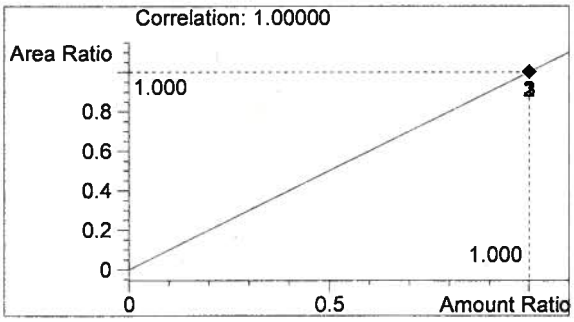
Sample Name: 13007 #1
Operator: Lisa Noble
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1132	1.042
2	n-Propanol	2290	1.707



Ethanol 0.105 g/100mL

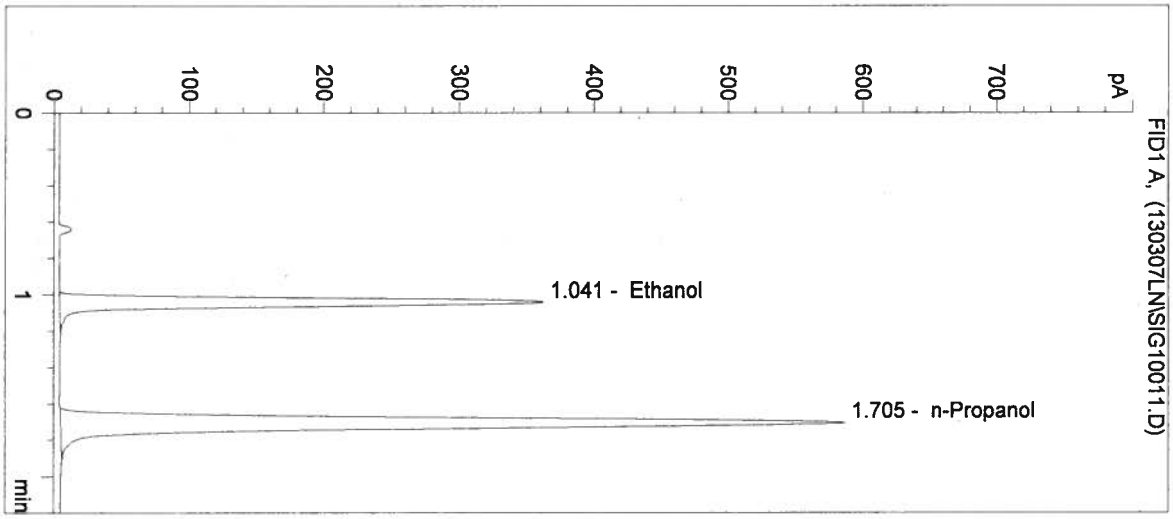


n-Propanol 0.012 g/100mL

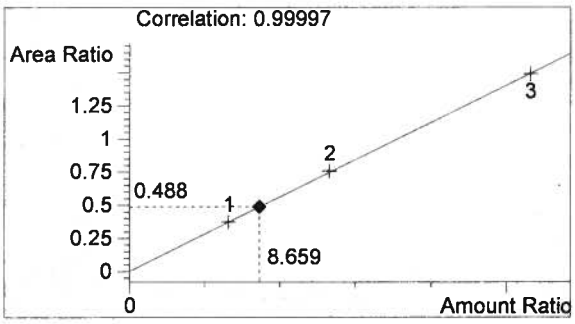
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/7/2013 12:09:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

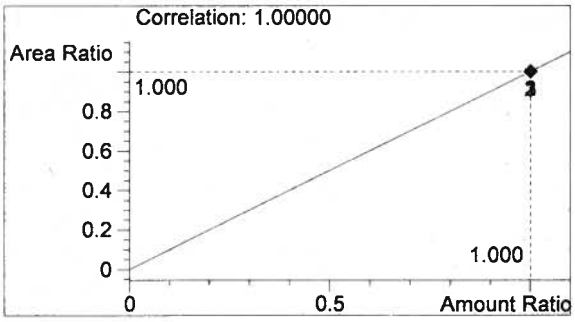
Sample Name: 13007 #2
Operator: Lisa Noble
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1126	1.041
2	n-Propanol	2307	1.705



Ethanol 0.104 g/100mL

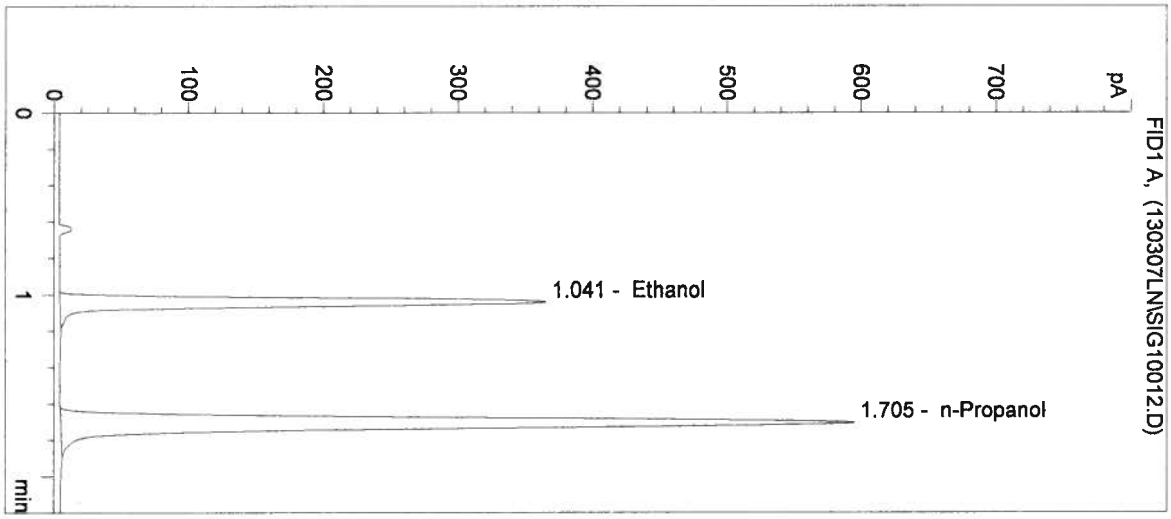


n-Propanol 0.012 g/100mL

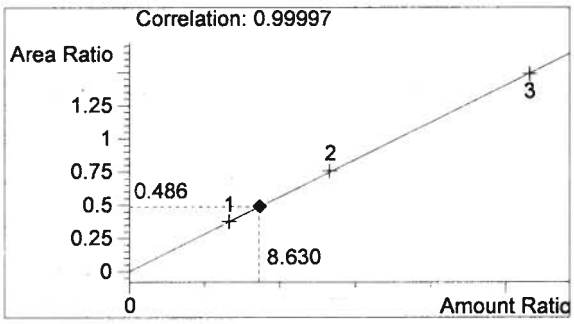
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/7/2013 12:13:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

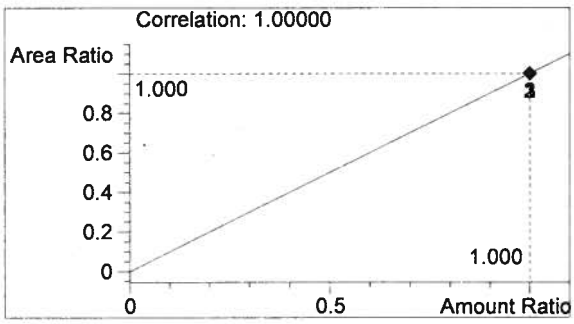
Sample Name: 13007 #3
Operator: Lisa Noble
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1143	1.041
2	n-Propanol	2350	1.705



Ethanol 0.104 g/100mL

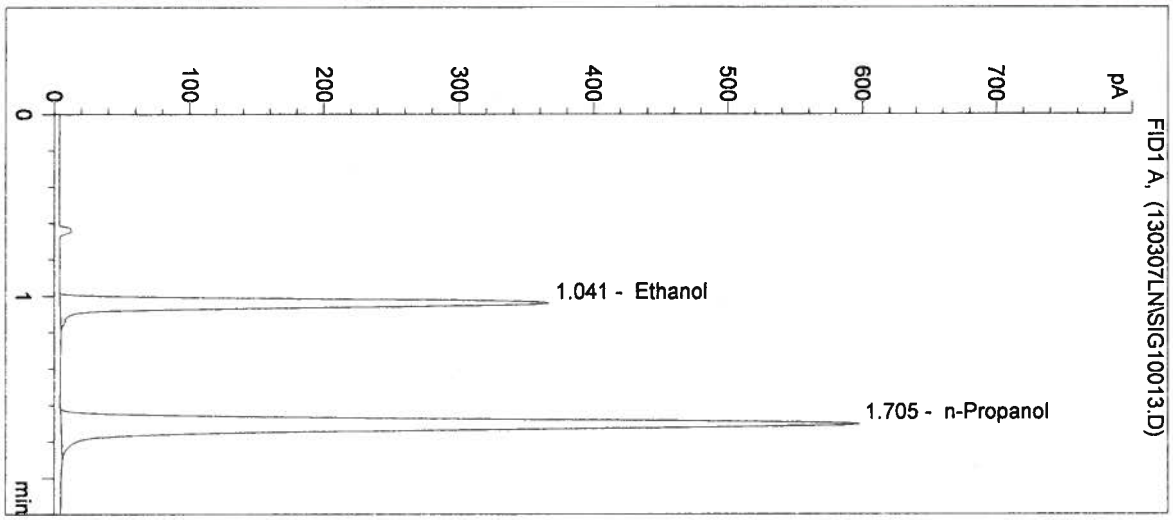


n-Propanol 0.012 g/100mL

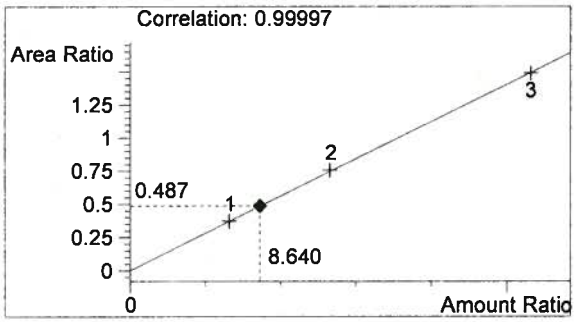
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/7/2013 12:16:07 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

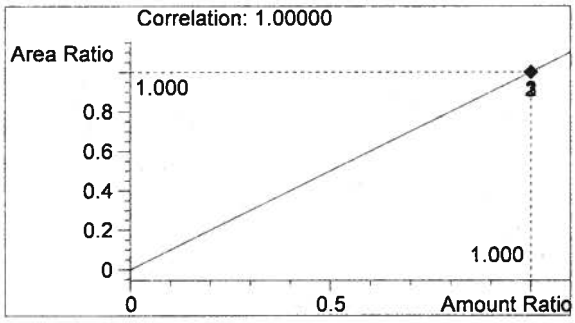
Sample Name: 13007 #4
Operator: Lisa Noble
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1147	1.041
2	n-Propanol	2354	1.705



Ethanol 0.104 g/100mL

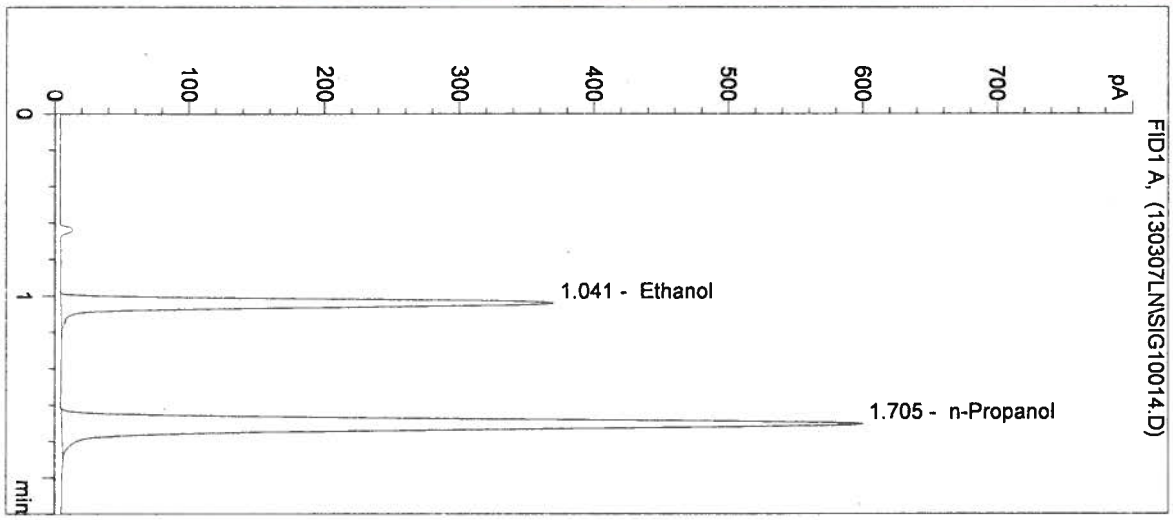


n-Propanol 0.012 g/100mL

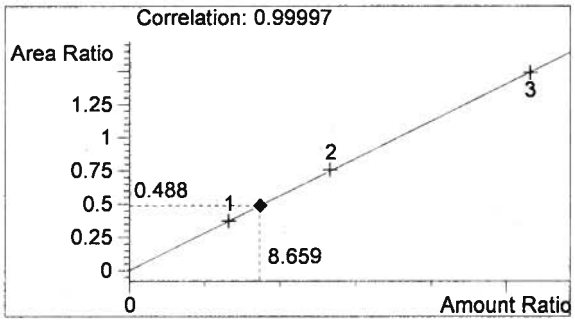
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/7/2013 12:19:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

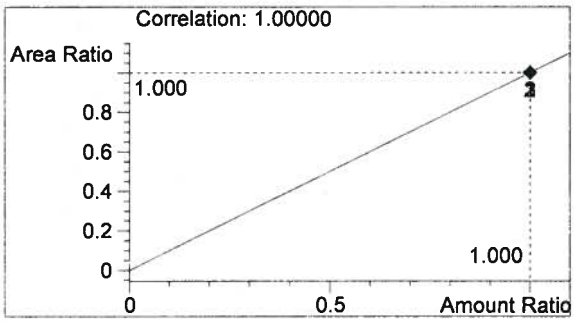
Sample Name: 13007 #5
Operator: Lisa Noble
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1150	1.041
2	n-Propanol	2357	1.705



Ethanol 0.104 g/100mL

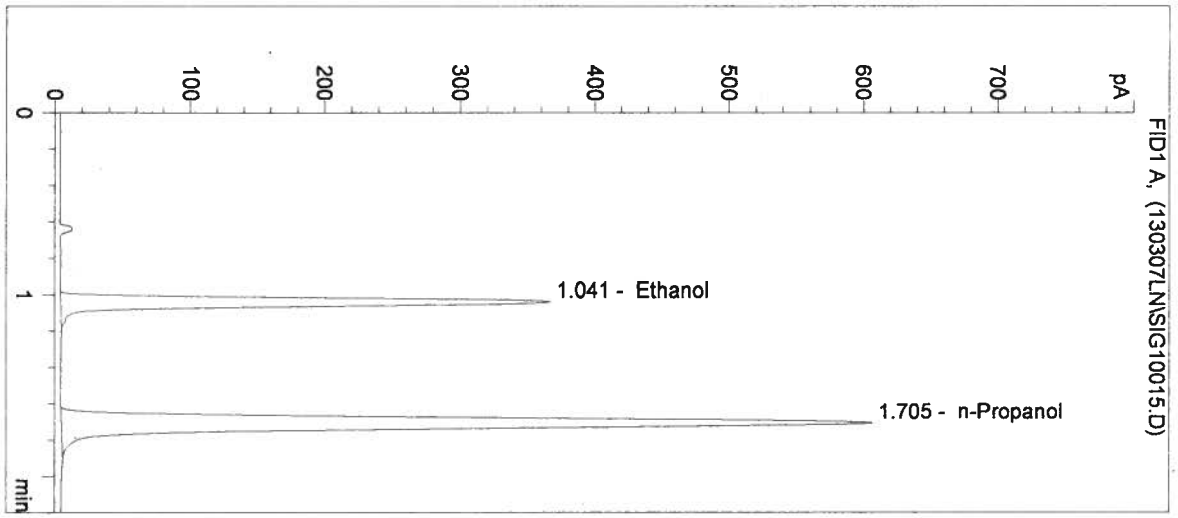


n-Propanol 0.012 g/100mL

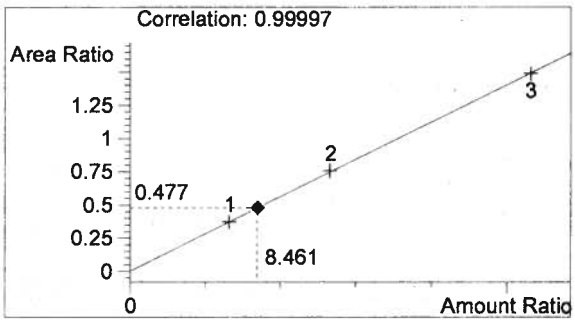
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/7/2013 12:22:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

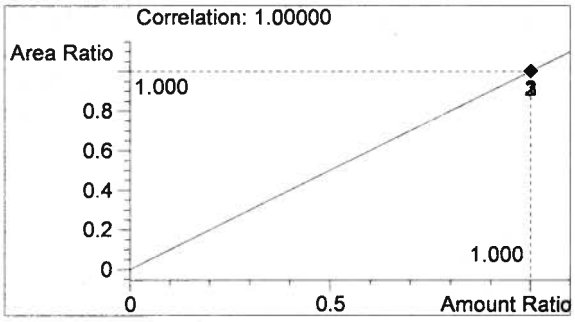
Sample Name: 0.10 CTRL - LN
Operator: Lisa Noble
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1139	1.041
2	n-Propanol	2388	1.705



Ethanol 0.102 g/100mL



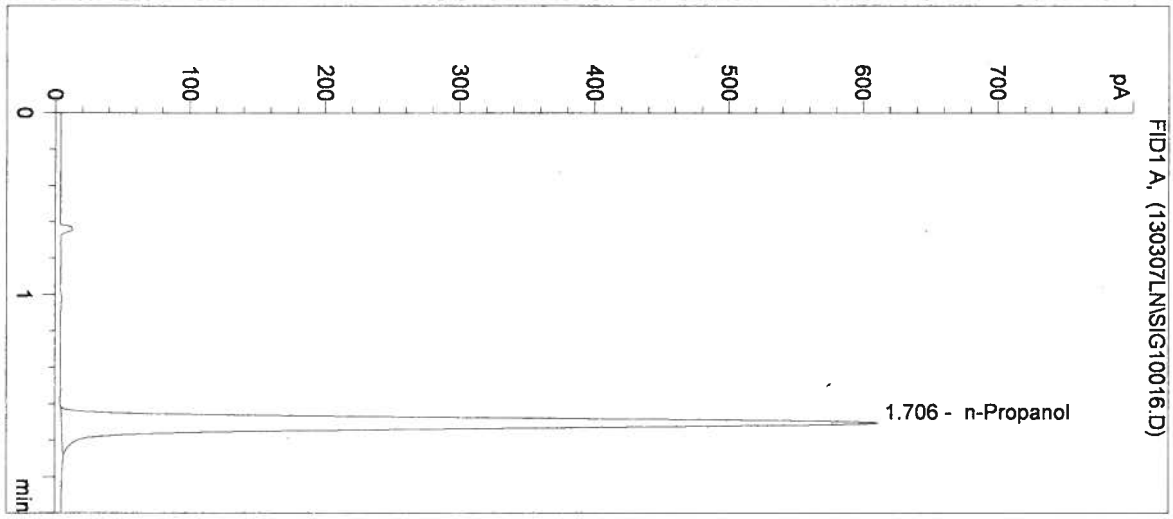
n-Propanol 0.012 g/100mL

130307

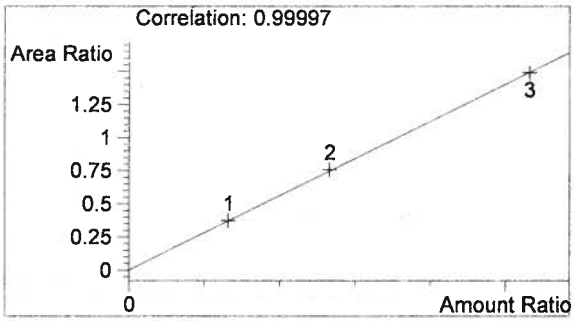
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/7/2013 12:25:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

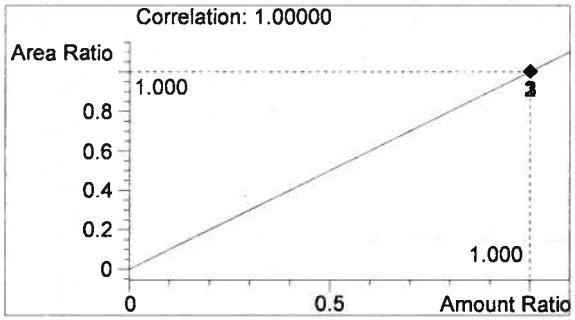
Sample Name: NEG CTRL - LN
Operator: Lisa Noble
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2404	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

130307

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

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:	130308S
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	13007 #1	SIMALC1	1	Sample		
11	Vial 11	13007 #2	SIMALC1	1	Sample		
12	Vial 12	13007 #3	SIMALC1	1	Sample		
13	Vial 13	13007 #4	SIMALC1	1	Sample		
14	Vial 14	13007 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		

SJS

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	

13007

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

Sequence Table (Back Injector):

No entries - empty table!

SJS

13007

Calibration Table

Calib. Data Modified : Friday, March 08, 2013 2:58:58 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
1.041	1	1	7.93800e-2	854.10754	9.29391e-5	1		Ethanol
		2	1.59660e-1	1729.00464	9.23421e-5			
		3	3.19080e-1	3454.14185	9.23761e-5			
1.706	1	1	1.20000e-2	2315.79663	5.18180e-6	I1		n-Propanol
		2	1.20000e-2	2292.42725	5.23463e-6			
		3	1.20000e-2	2303.71729	5.20897e-6			

Peak Sum Table

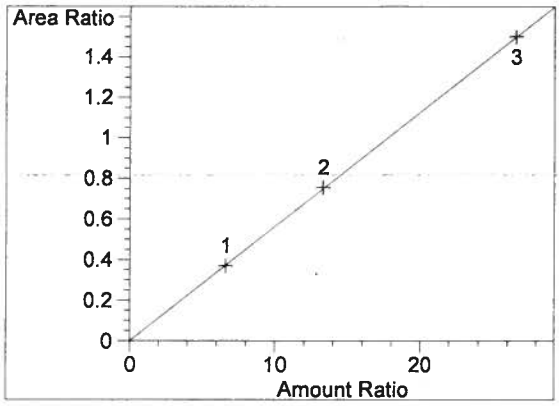
No Entries in table

SJS 13007

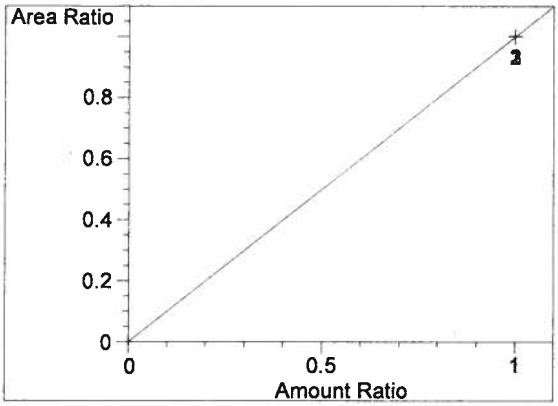
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00396
Formula: y = mx + b
m: 5.64603e-2
b: -8.87209e-4
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

==========

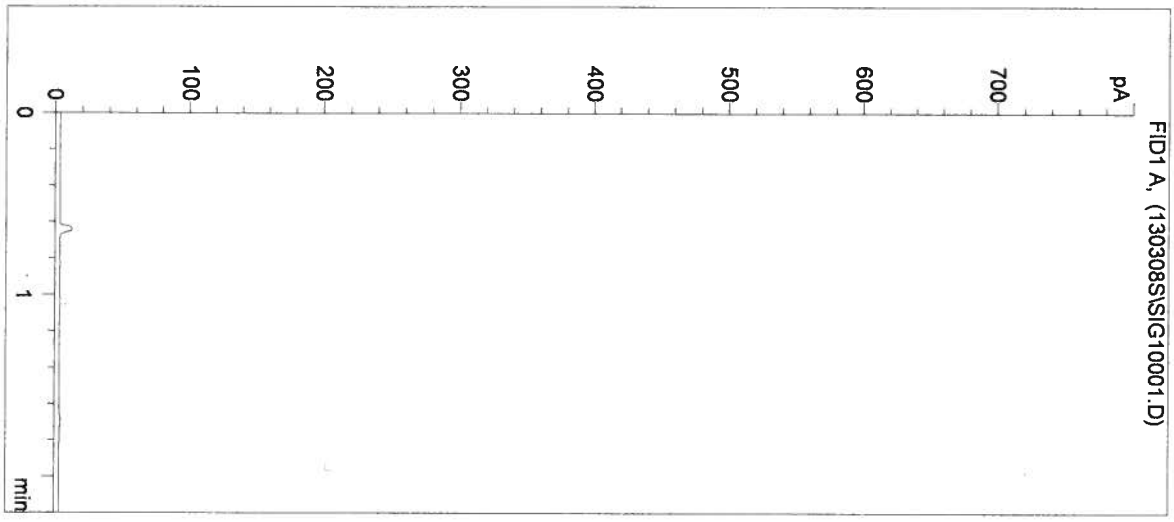
SMS

13007

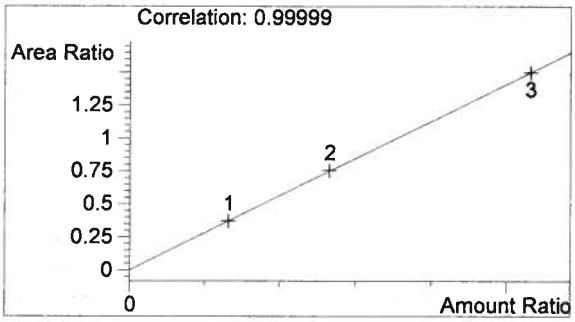
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 2:47:31 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

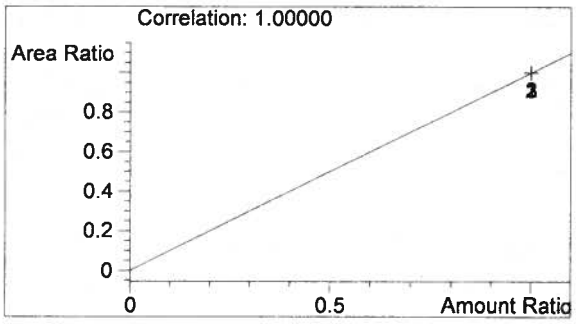
Sample Name: BLANK
Operator: Sarah Swenson
Location: Vial 1



#	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

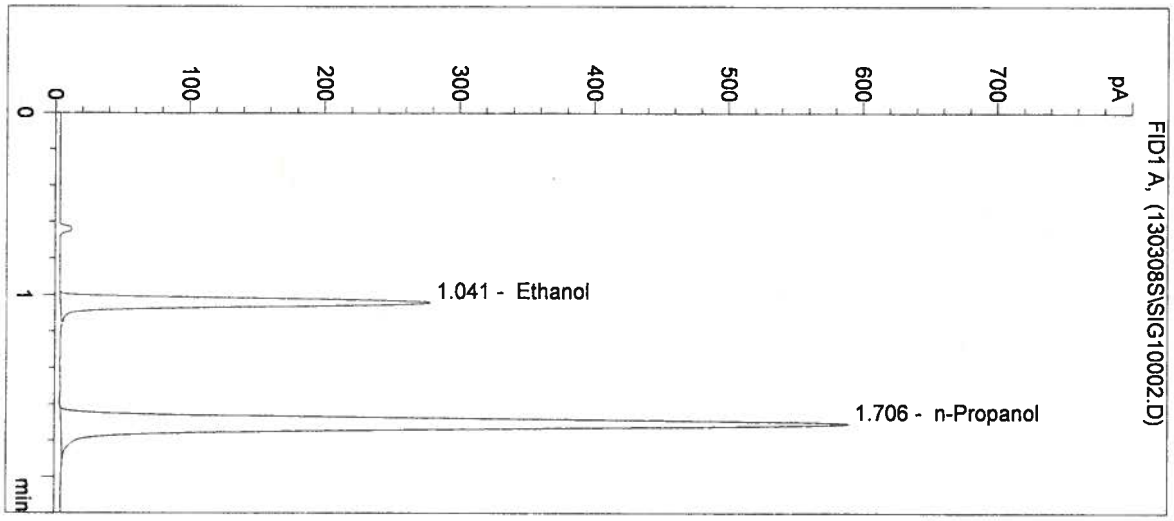
13007

SMS

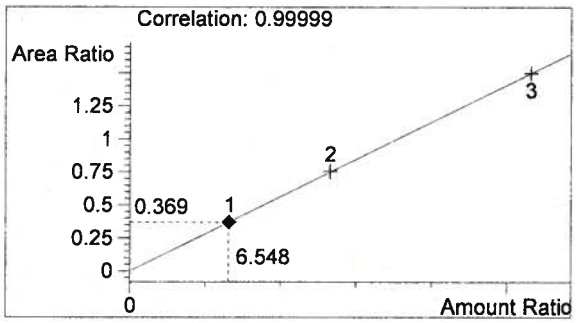
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 2:50:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

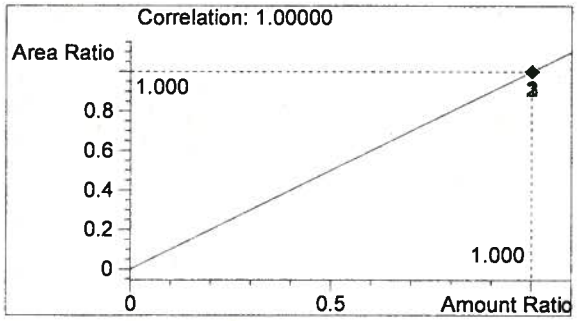
Sample Name: 0.079 CAL 1
Operator: Sarah Swenson
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	854	1.041
2	n-Propanol	2316	1.706



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

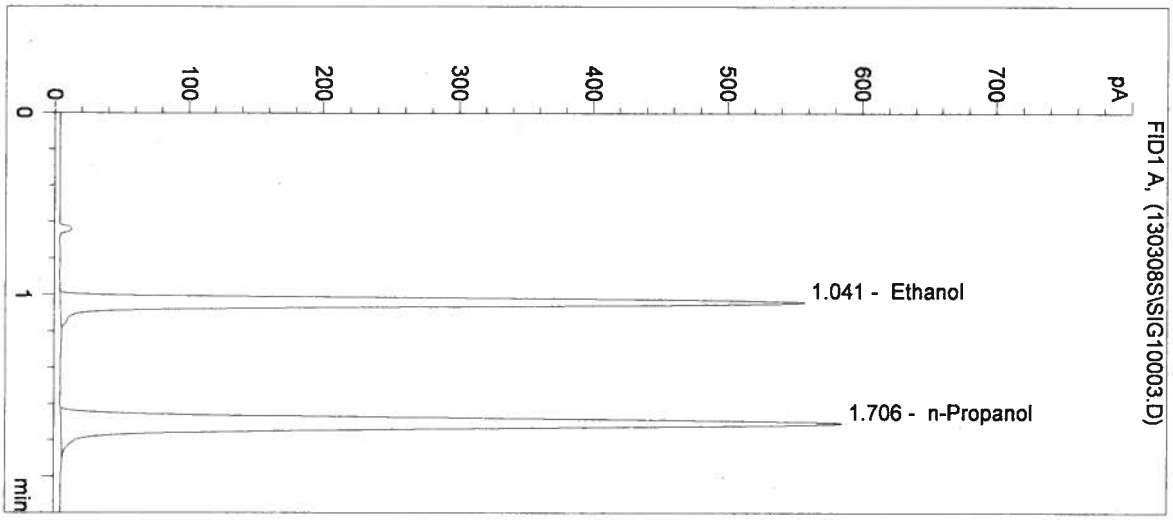
13007

SMS

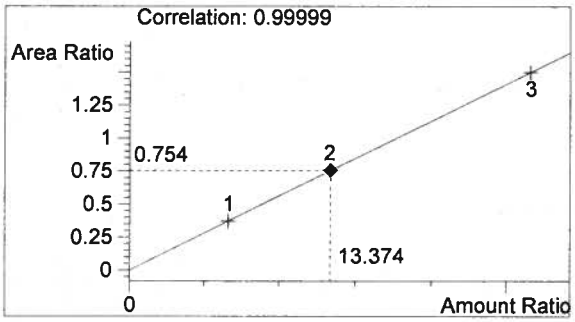
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 2:53:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

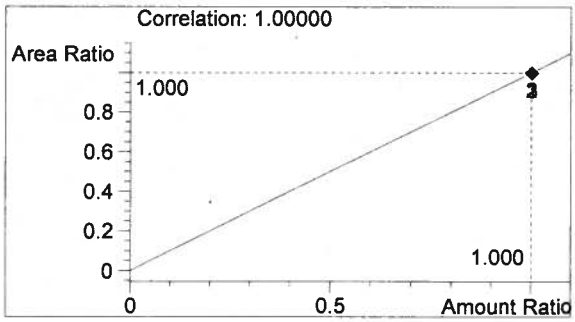
Sample Name: 0.158 CAL 2
Operator: Sarah Swenson
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1729	1.041
2	n-Propanol	2292	1.706



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

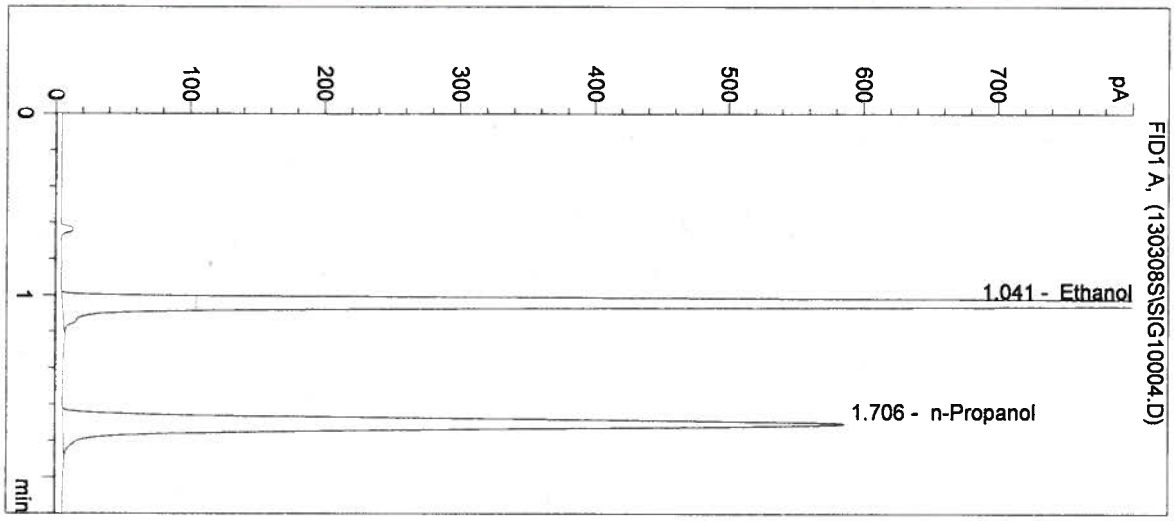
13007

SJS

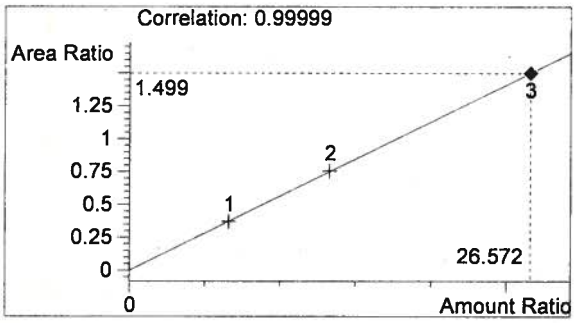
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 2:56:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

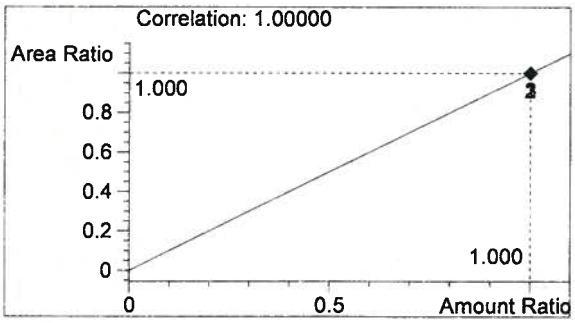
Sample Name: 0.316 CAL 3
Operator: Sarah Swenson
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3454	1.041
2	n-Propanol	2304	1.706



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

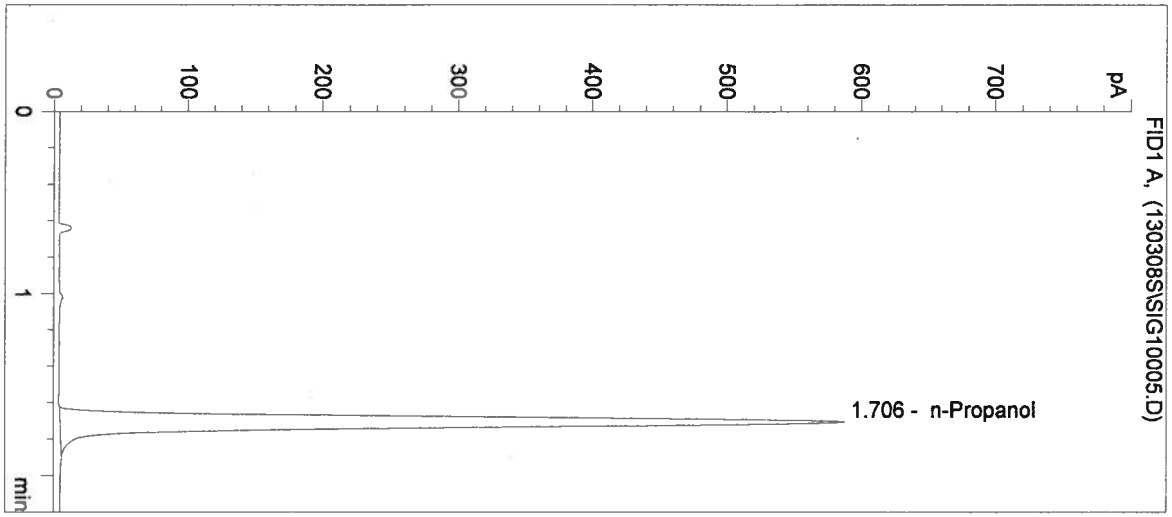
13007

SJS

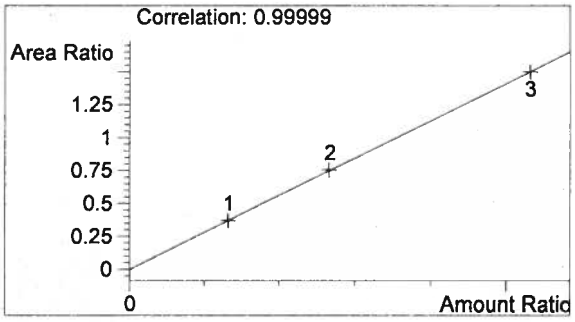
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 2:59:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

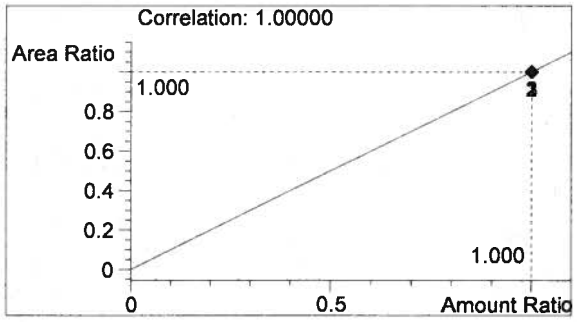
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2308	1.706



Ethanol 0.000 g/100mL



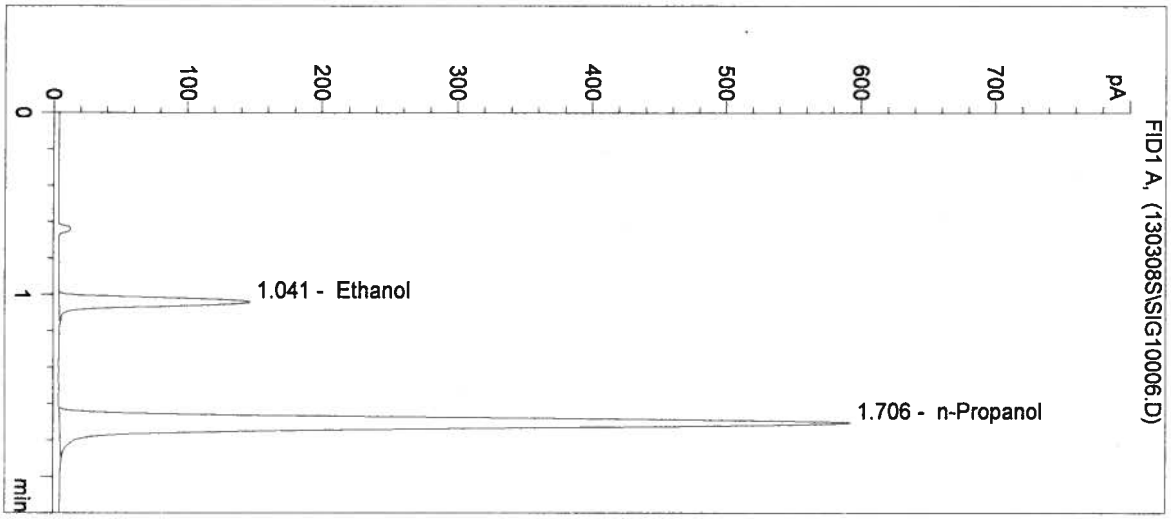
n-Propanol 0.012 g/100mL

13007

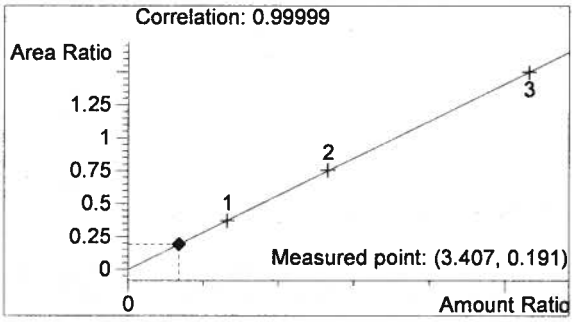
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 3:02:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

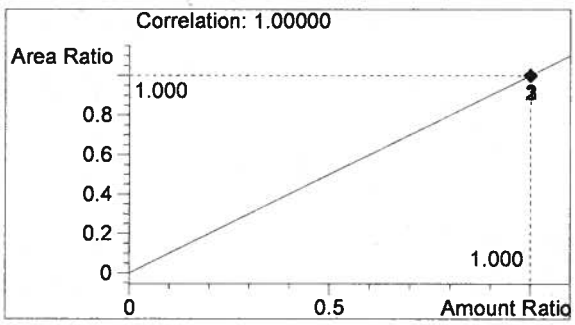
Sample Name: 0.04 CTRL
Operator: Sarah Swenson
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	448	1.041
2	n-Propanol	2338	1.706



Ethanol 0.041 g/100mL



n-Propanol 0.012 g/100mL

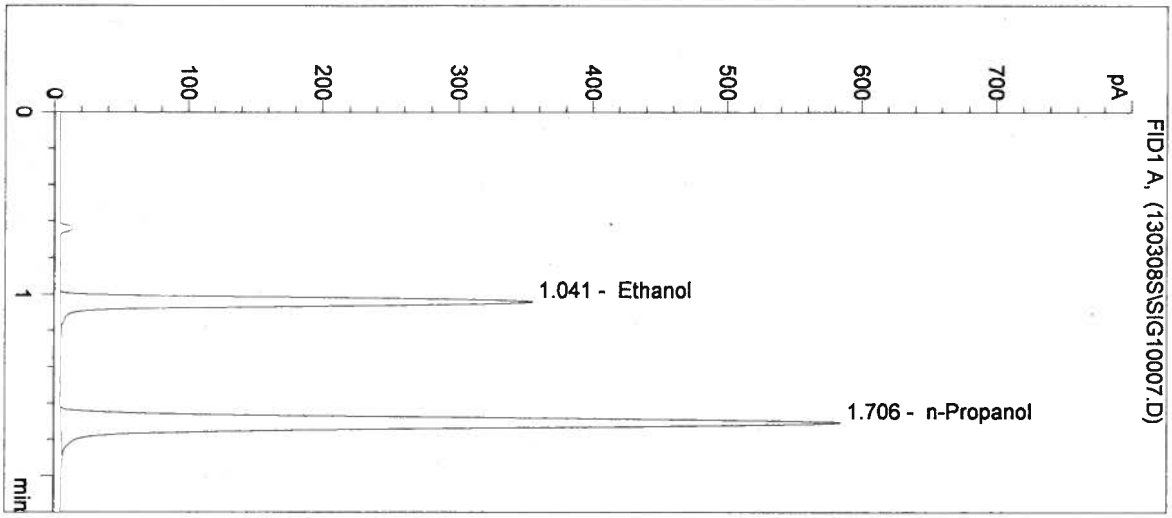
13007

SJS

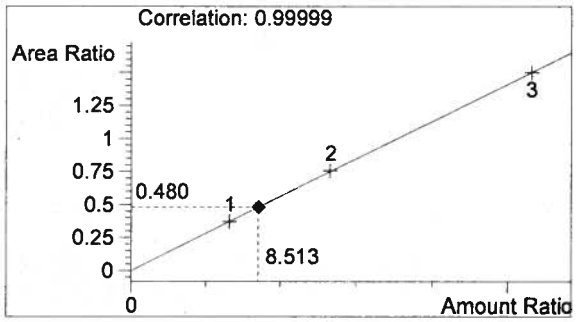
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 3:05:59 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

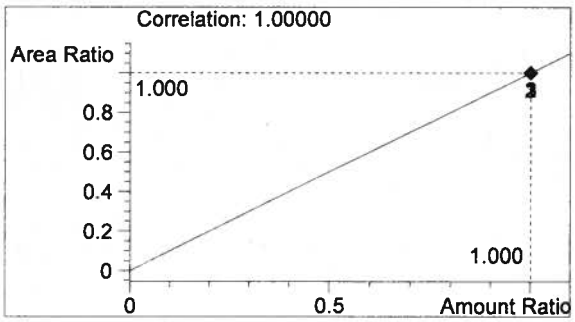
Sample Name: 0.10 CTRL
Operator: Sarah Swenson
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1103	1.041
2	n-Propanol	2299	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

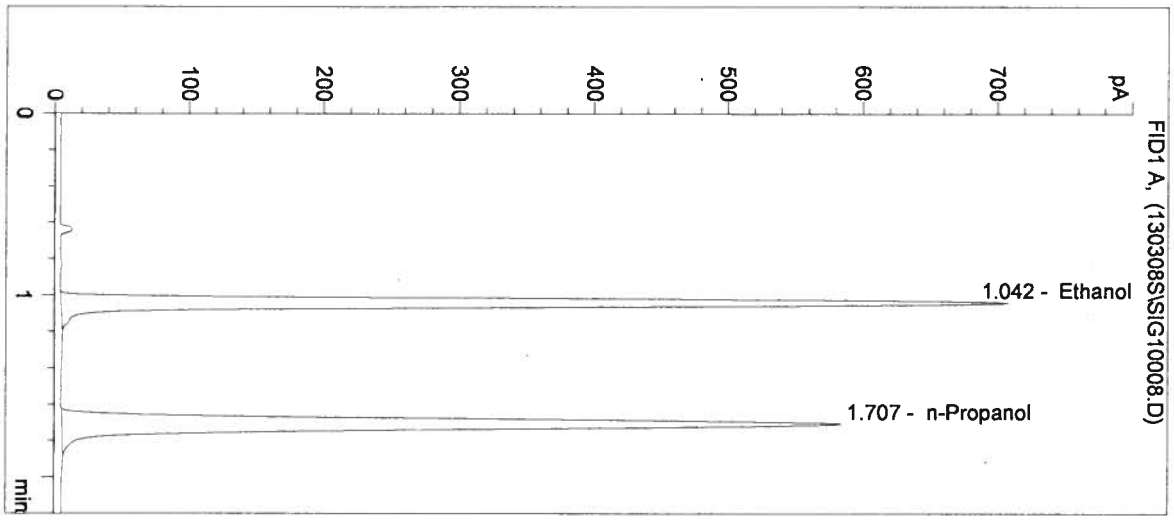
13007

SMS

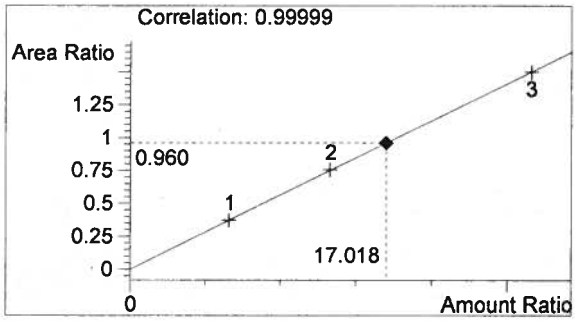
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 3:09:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

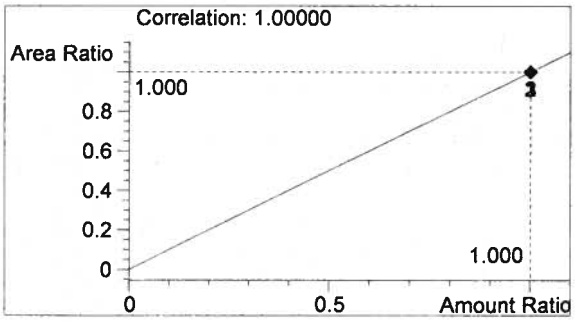
Sample Name: 0.20 CTRL
Operator: Sarah Swenson
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2186	1.042
2	n-Propanol	2277	1.707



Ethanol 0.204 g/100mL



n-Propanol 0.012 g/100mL

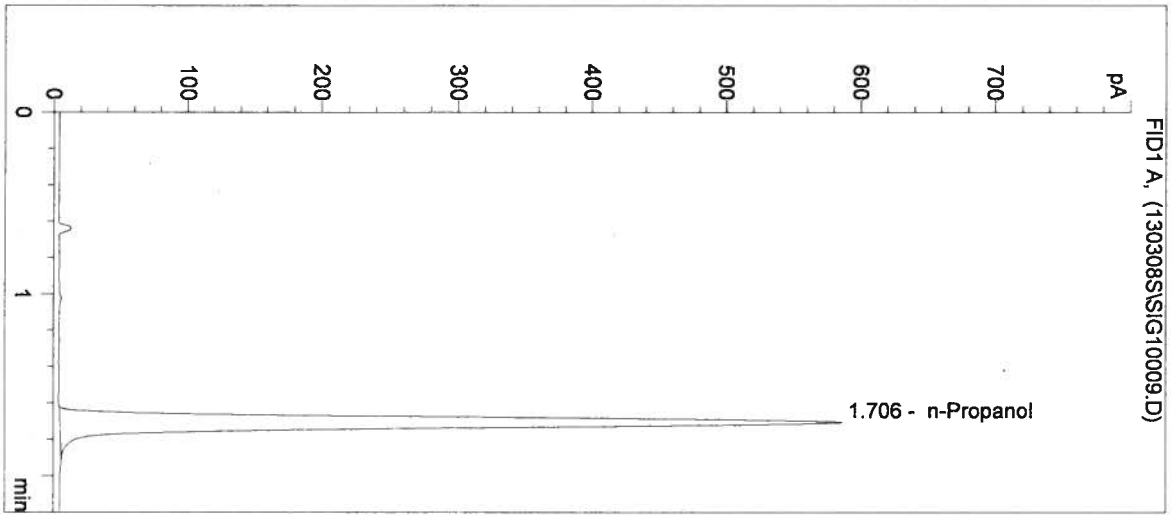
13007

SJS

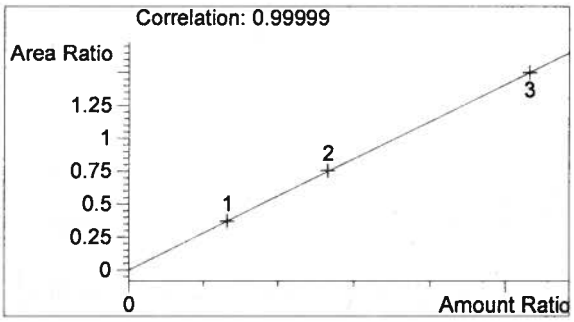
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 3:12:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

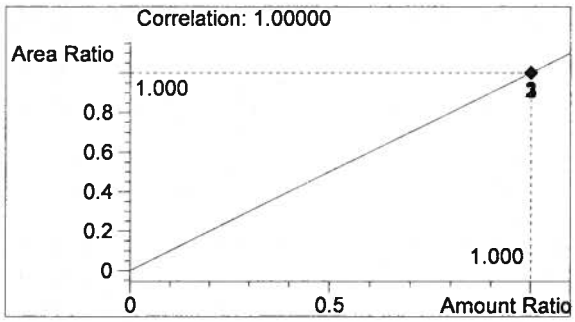
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2304	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

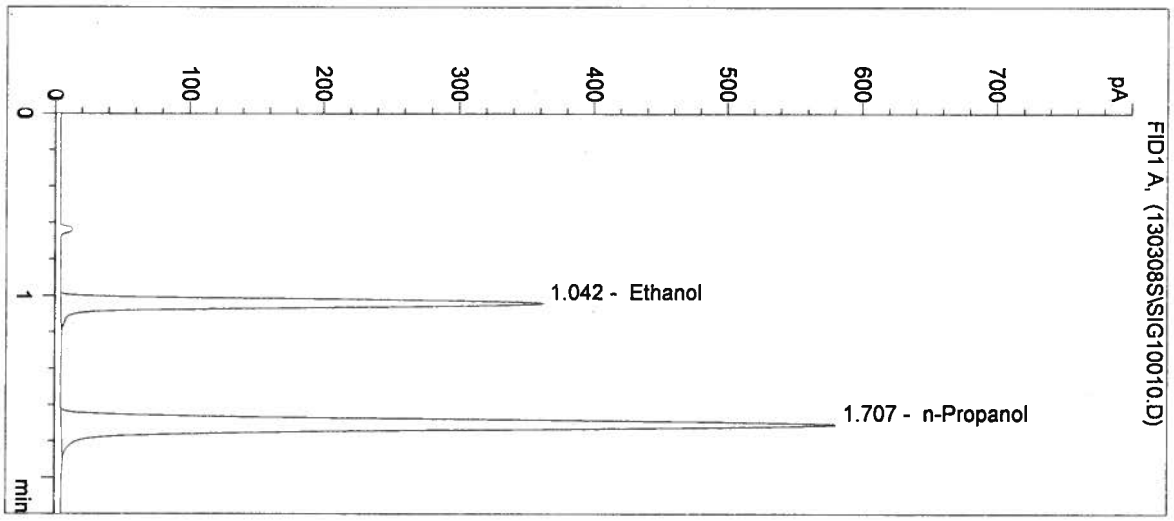
13007

SMS

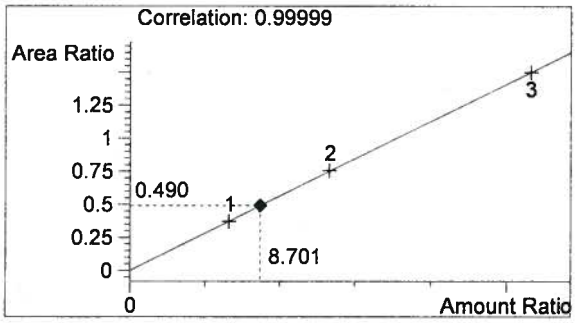
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 3:15:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

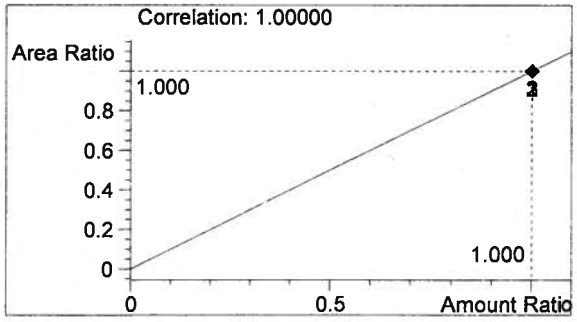
Sample Name: 13007 #1
Operator: Sarah Swenson
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1111	1.042
2	n-Propanol	2266	1.707



Ethanol 0.104 g/100mL



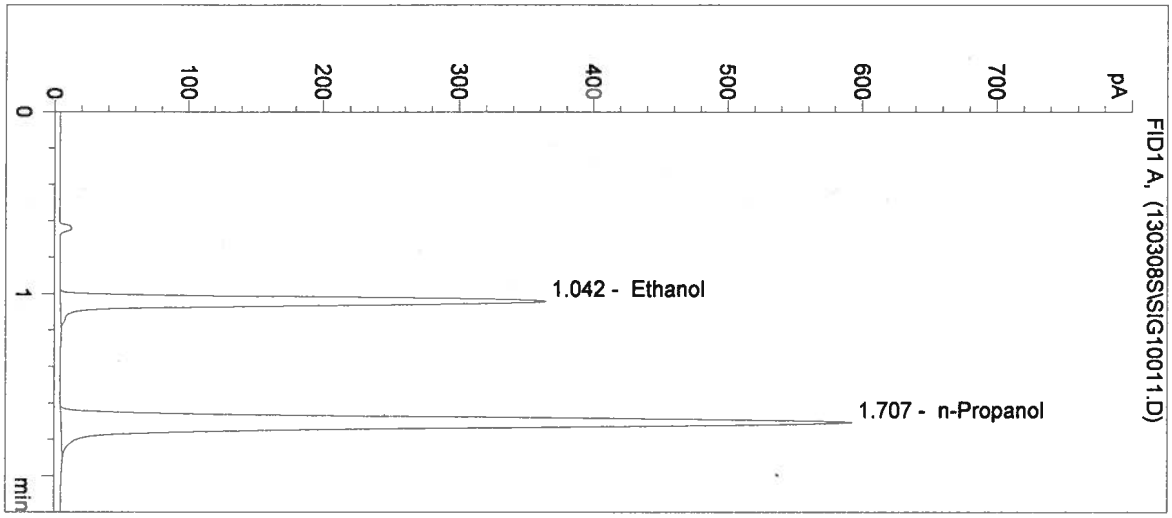
n-Propanol 0.012 g/100mL

SMS

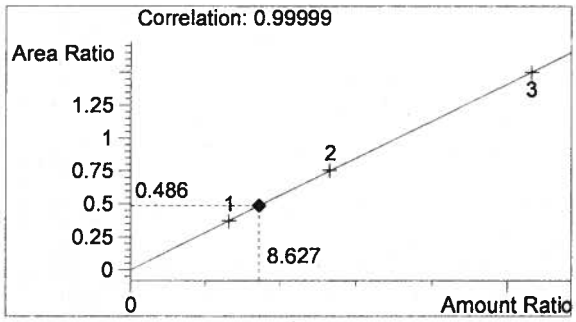
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 3:18:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

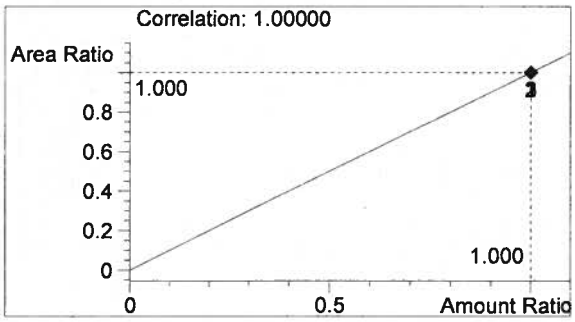
Sample Name: 13007 #2
Operator: Sarah Swenson
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1135	1.042
2	n-Propanol	2335	1.707



Ethanol 0.104 g/100mL



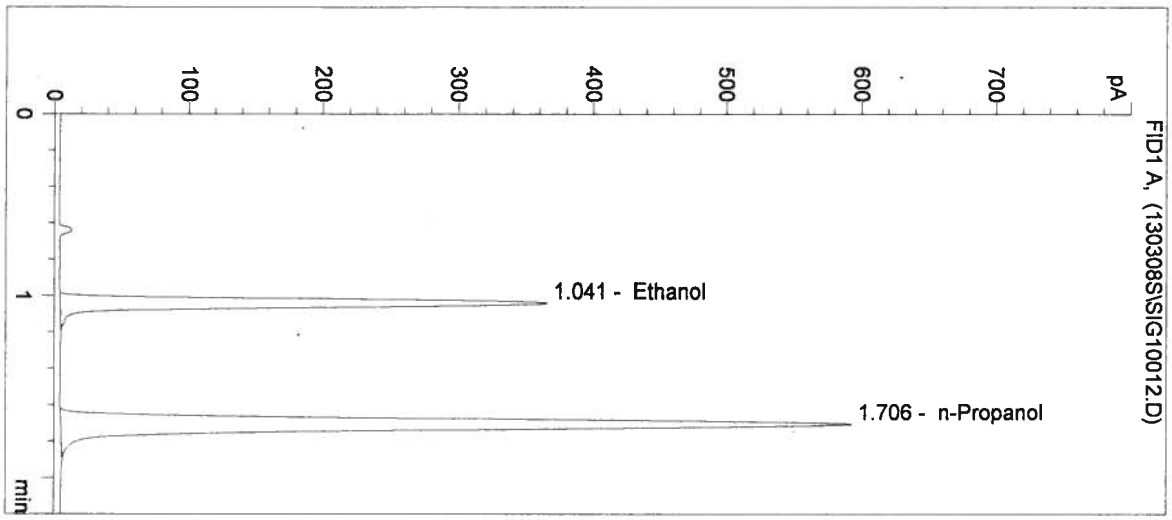
n-Propanol 0.012 g/100mL

SLS

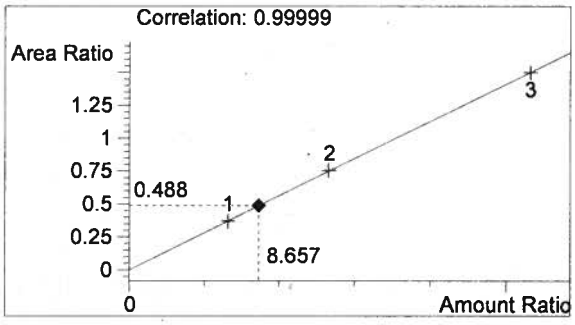
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 3:21:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

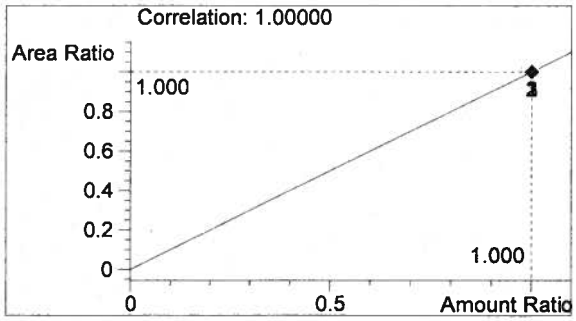
Sample Name: 13007 #3
Operator: Sarah Swenson
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1140	1.041
2	n-Propanol	2337	1.706



Ethanol 0.104 g/100mL



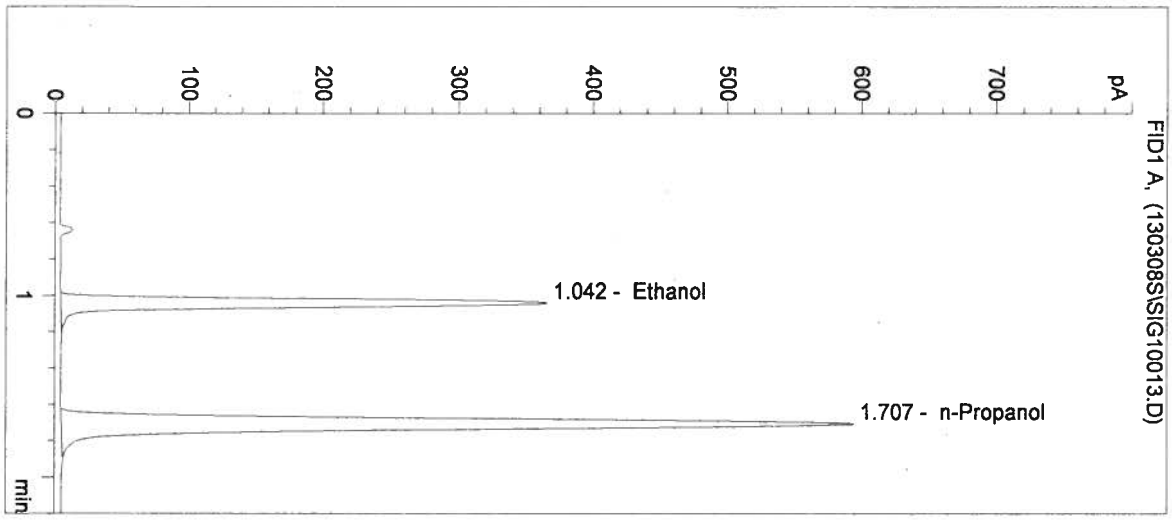
n-Propanol 0.012 g/100mL

SLS

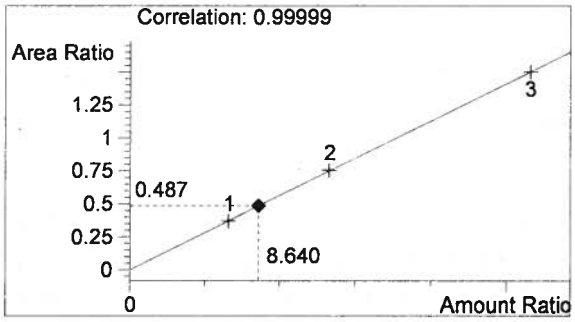
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 3:24:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

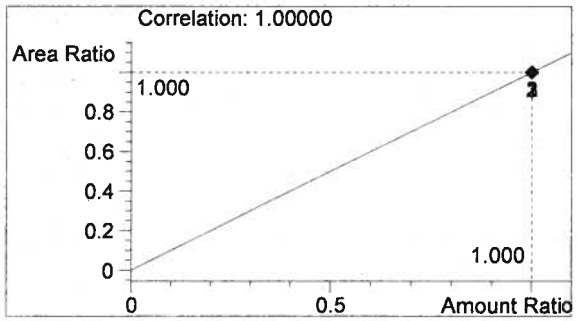
Sample Name: 13007 #4
Operator: Sarah Swenson
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1141	1.042
2	n-Propanol	2344	1.707



Ethanol 0.104 g/100mL



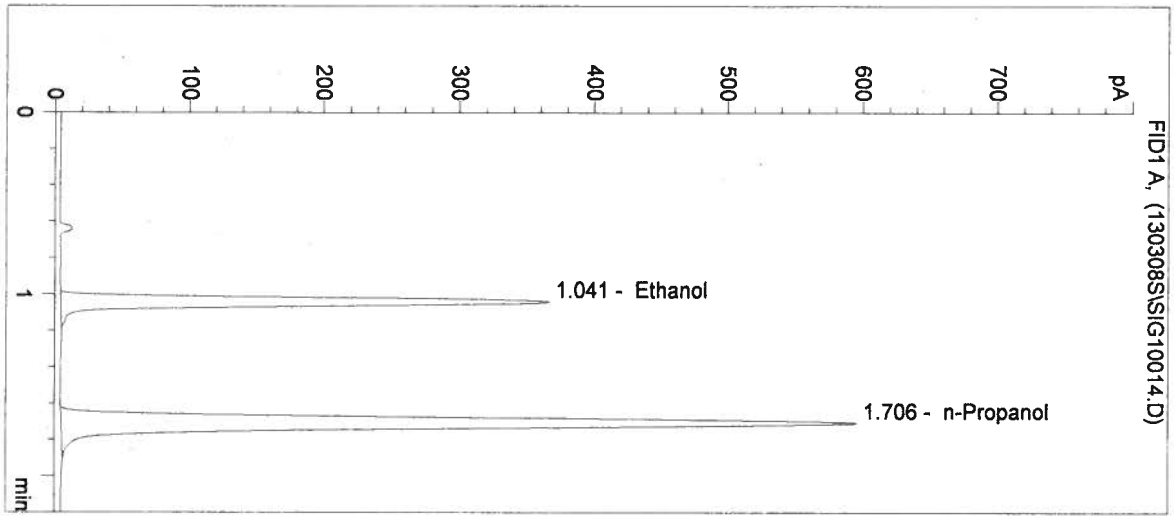
n-Propanol 0.012 g/100mL

SLS

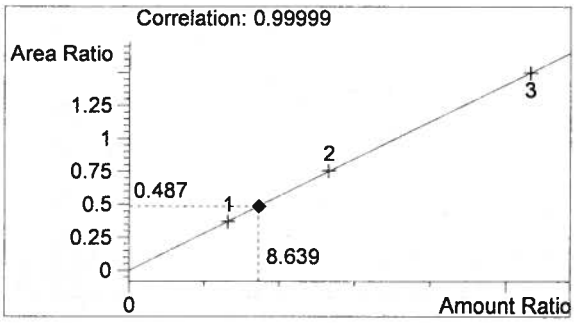
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 3:27:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

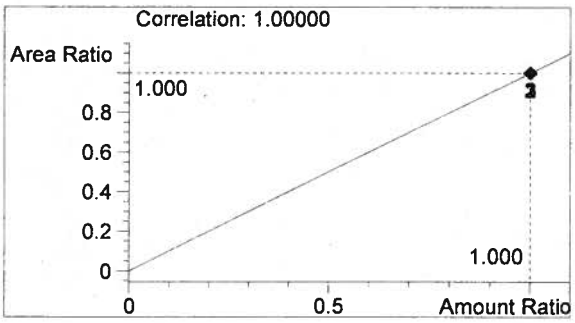
Sample Name: 13007 #5
Operator: Sarah Swenson
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1141	1.041
2	n-Propanol	2344	1.706



Ethanol 0.104 g/100mL



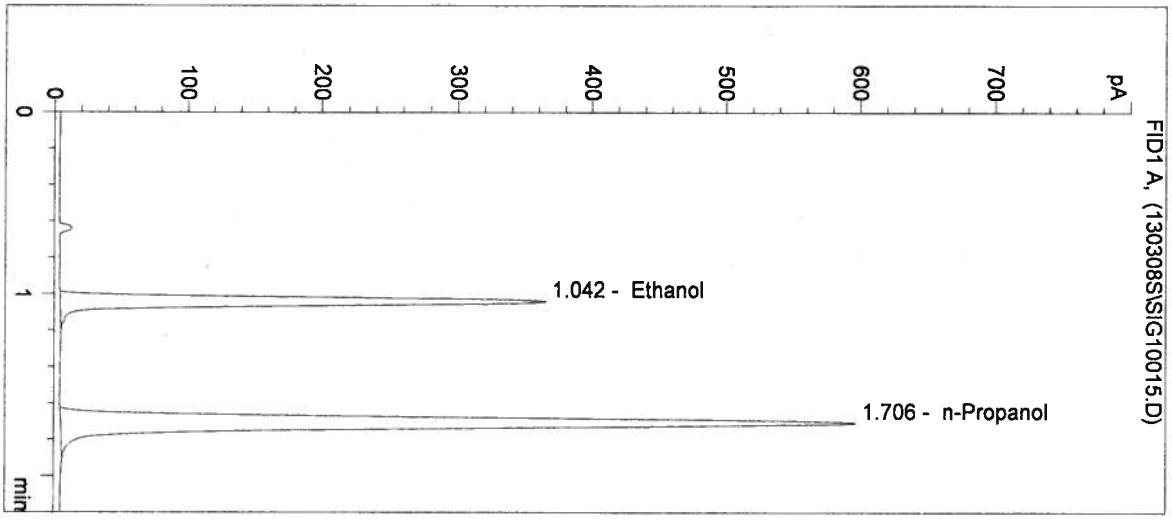
n-Propanol 0.012 g/100mL

SMS

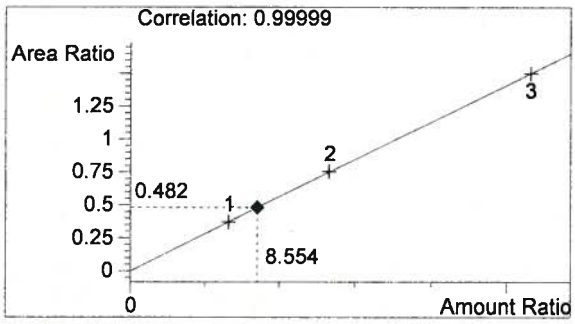
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 3:30:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

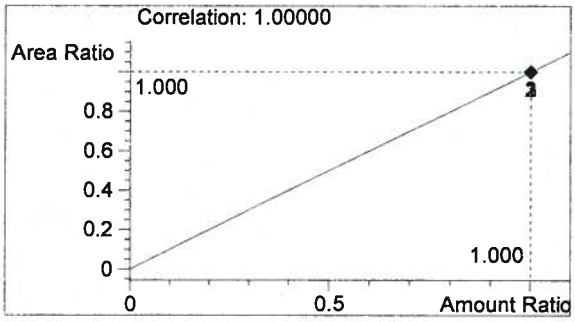
Sample Name: 0.10 CTRL
Operator: Sarah Swenson
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1131	1.042
2	n-Propanol	2346	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

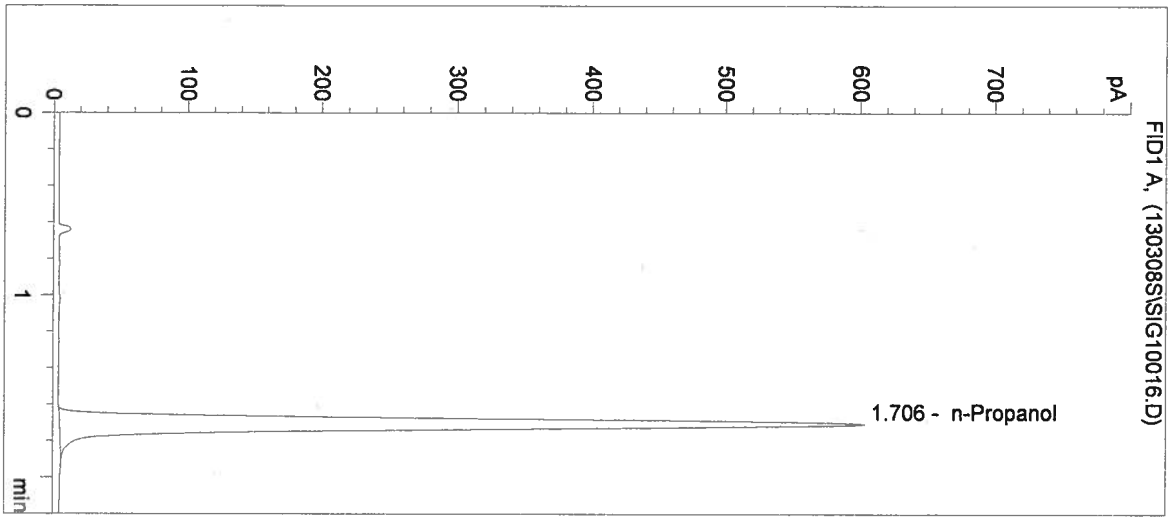
13007

SMS

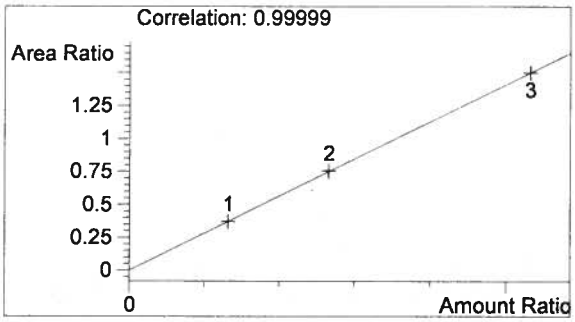
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 3:33:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

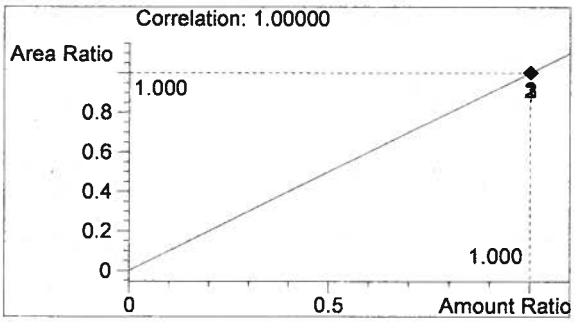
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2374	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

SMS

13007

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:	130308CJ
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 13007 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 13007 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 13007 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 13007 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 13007 #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		

13007

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	

CJ

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

Sequence Table (Back Injector):

No entries - empty table!

13007

CJ

Calibration Table

Calib. Data Modified : Friday, March 08, 2013 6:51:53 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
1.041	1	1	7.93800e-2	882.69116	8.99295e-5	1		Ethanol
		2	1.59660e-1	1726.29944	9.24869e-5			
		3	3.19080e-1	3399.76489	9.38535e-5			
1.706	1	1	1.20000e-2	2358.09814	5.08885e-6	I1		n-Propanol
		2	1.20000e-2	2298.31714	5.22121e-6			
		3	1.20000e-2	2290.16504	5.23980e-6			

Peak Sum Table

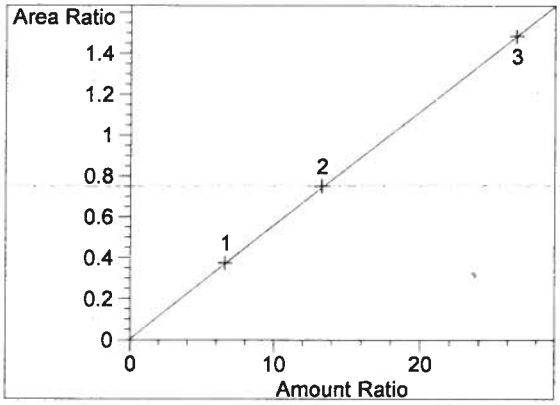
13007

No Entries in table

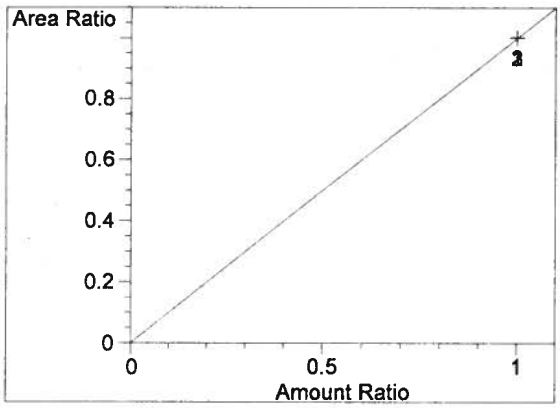
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00497
Formula: y = mx + b
m: 5.58006e-2
b: 3.66474e-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

==========

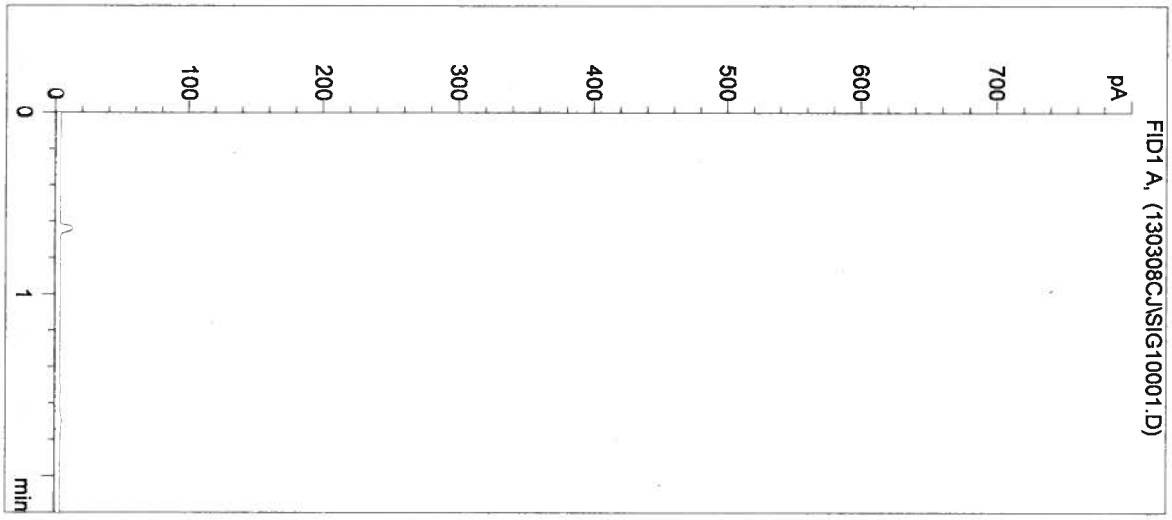
13007

CJ

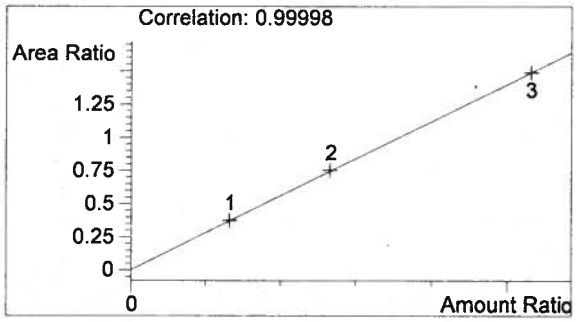
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 6:40:27 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

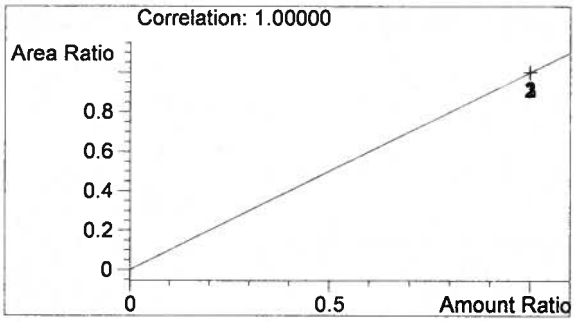
Sample Name: BLANK-CJ
Operator: Chris Johnston
Location: Vial 1



#	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

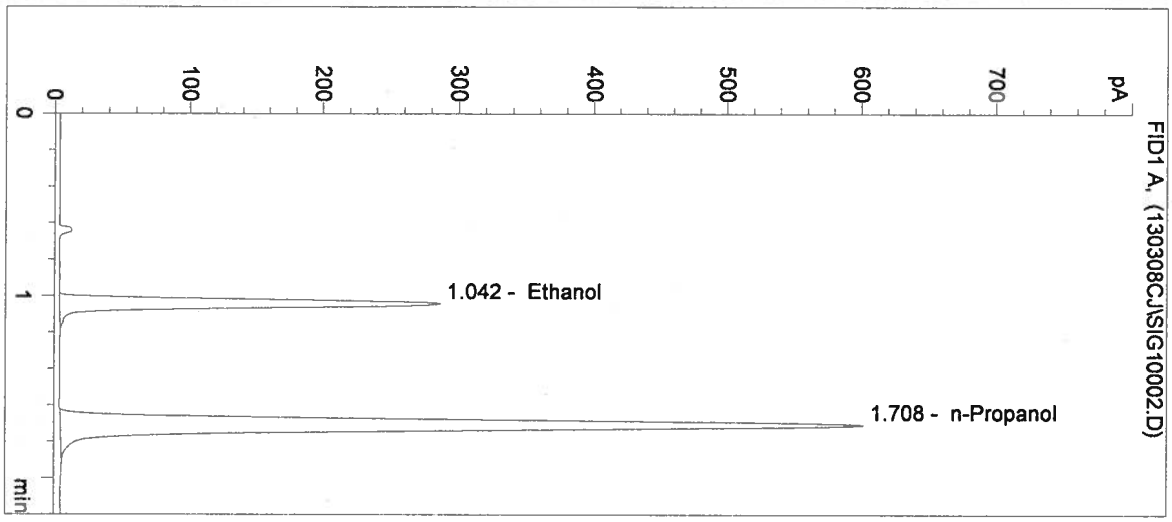
13007

C

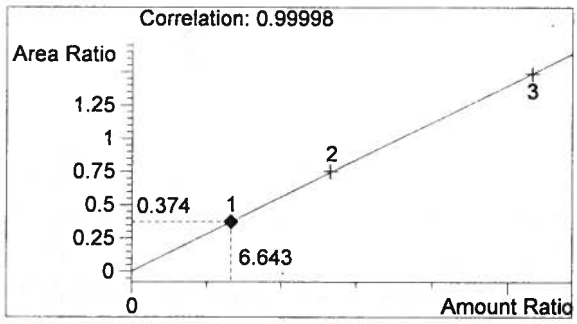
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 6:43:31 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

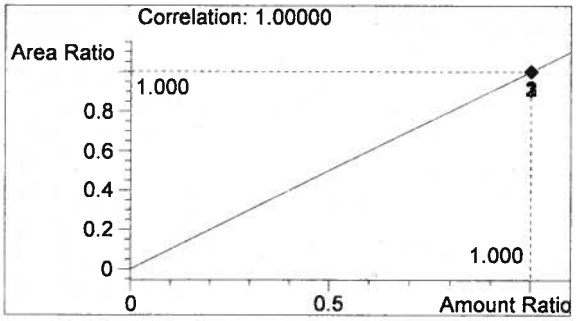
Sample Name: 0.079 CAL 1
Operator: Chris Johnston
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	883	1.042
2	n-Propanol	2358	1.708



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

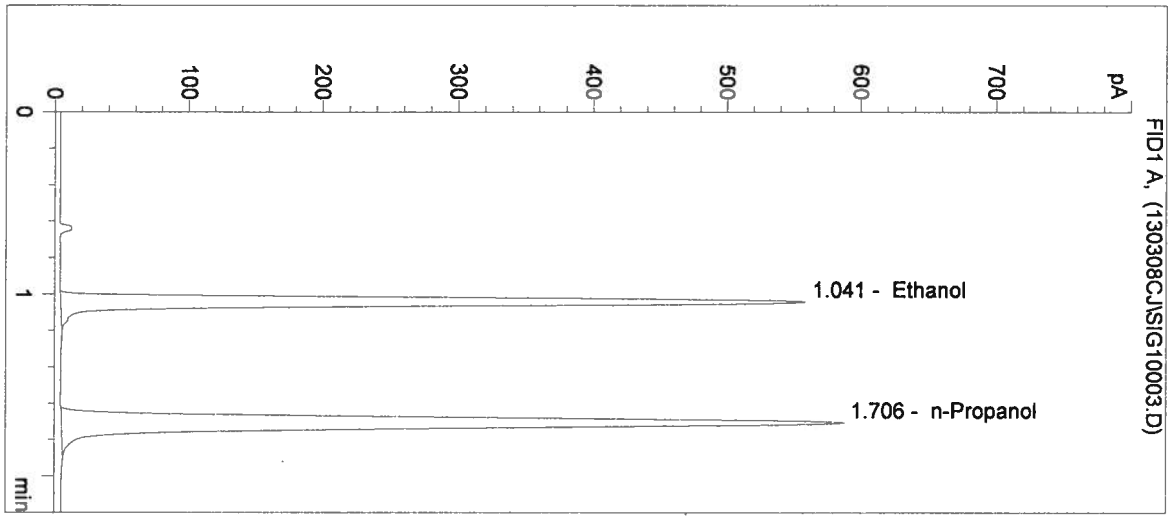
13007

cJ

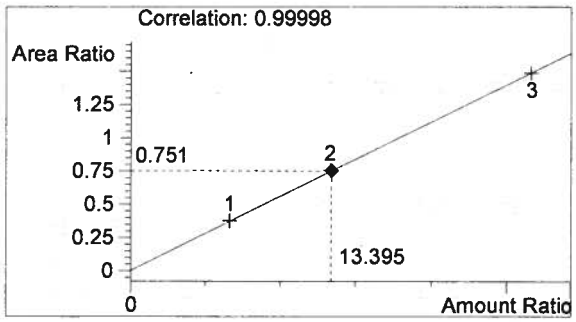
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 6:46:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

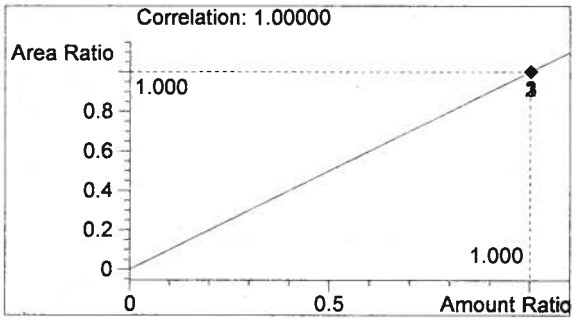
Sample Name: 0.158 CAL 2
Operator: Chris Johnston
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1726	1.041
2	n-Propanol	2298	1.706



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

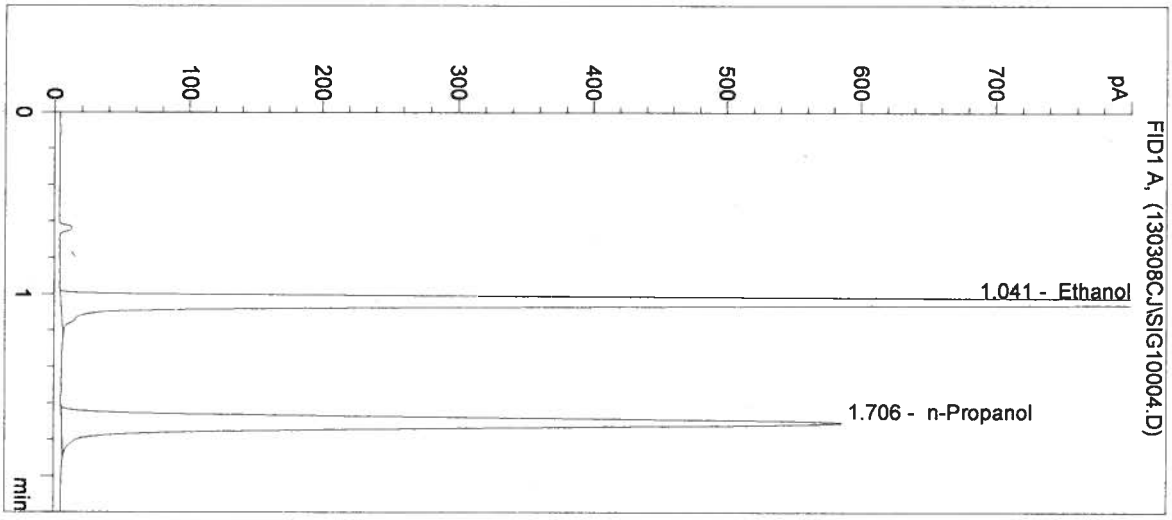
13007

CJ

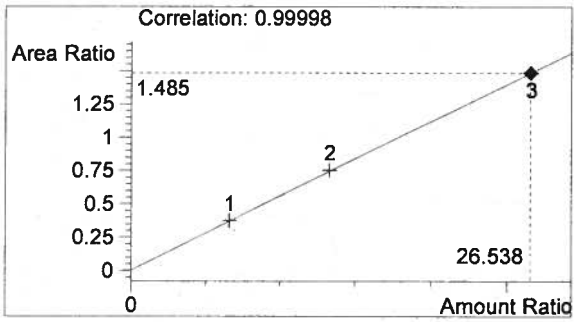
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 6:49:41 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

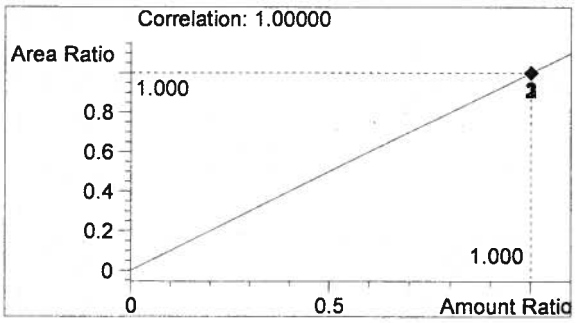
Sample Name: 0.316 CAL 3
Operator: Chris Johnston
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3400	1.041
2	n-Propanol	2290	1.706



Ethanol 0.318 g/100mL



n-Propanol 0.012 g/100mL

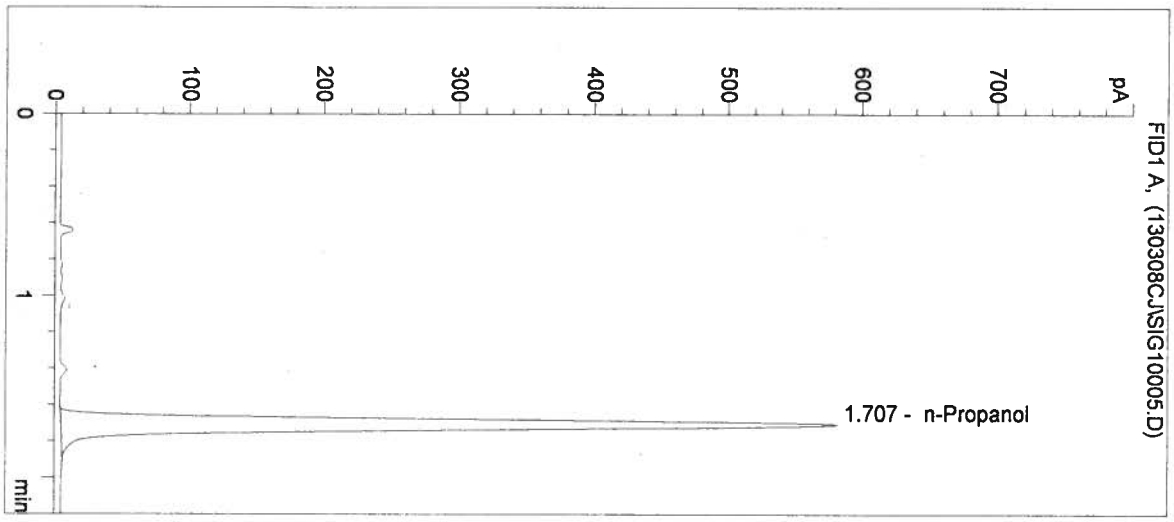
13007

CJ

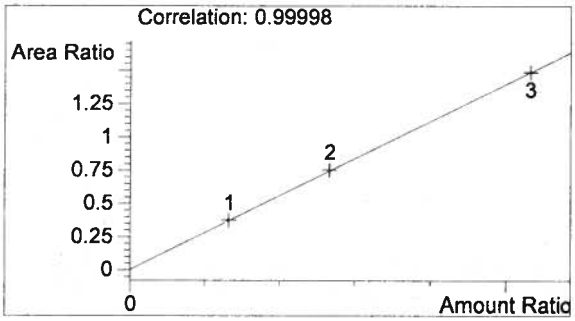
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 6:52:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

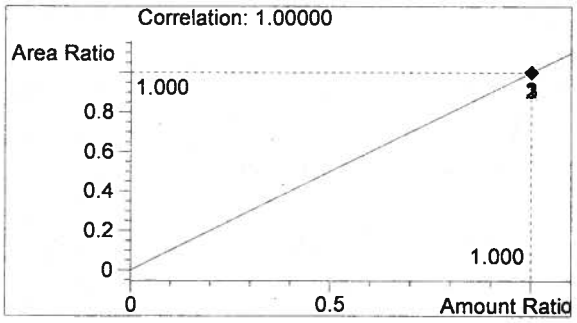
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2285	1.707



Ethanol 0.000 g/100mL



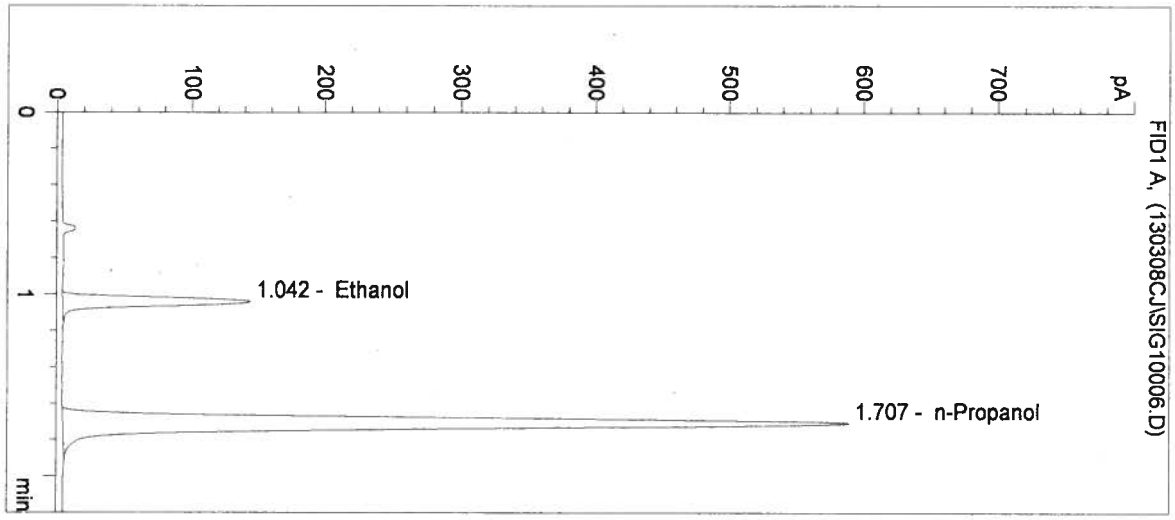
n-Propanol 0.012 g/100mL

13007

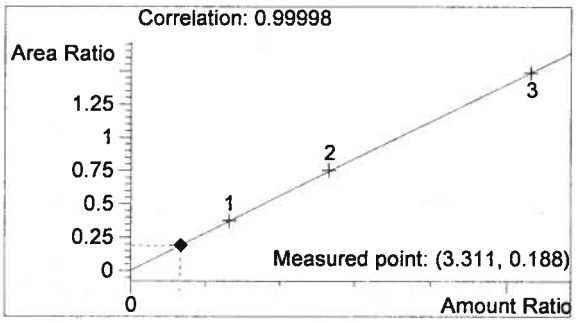
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 6:55:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

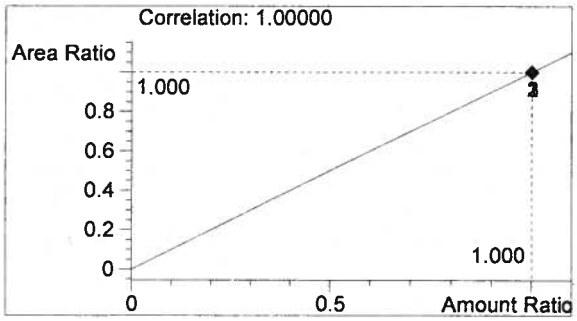
Sample Name: 0.04 CTRL-CJ
Operator: Chris Johnston
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	437	1.042
2	n-Propanol	2320	1.707



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

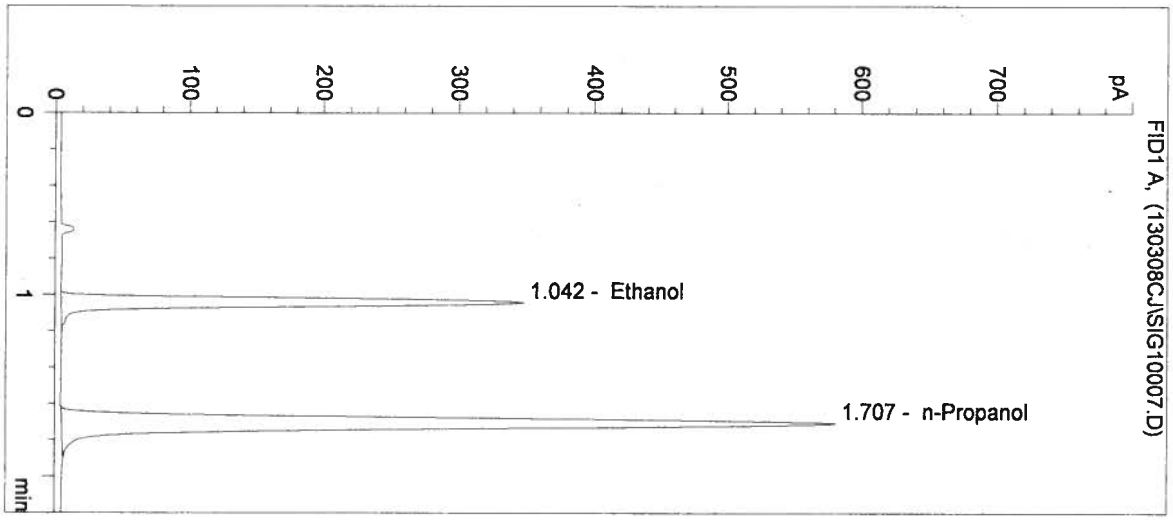
13007

CJ

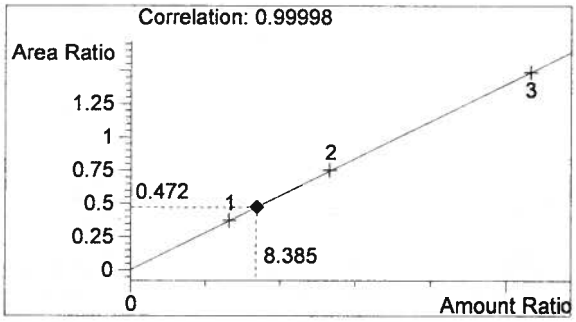
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 6:58:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

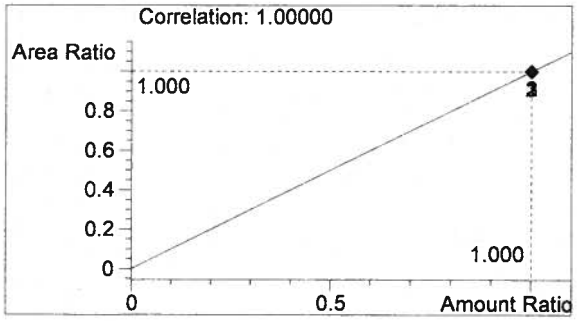
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1075	1.042
2	n-Propanol	2280	1.707



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

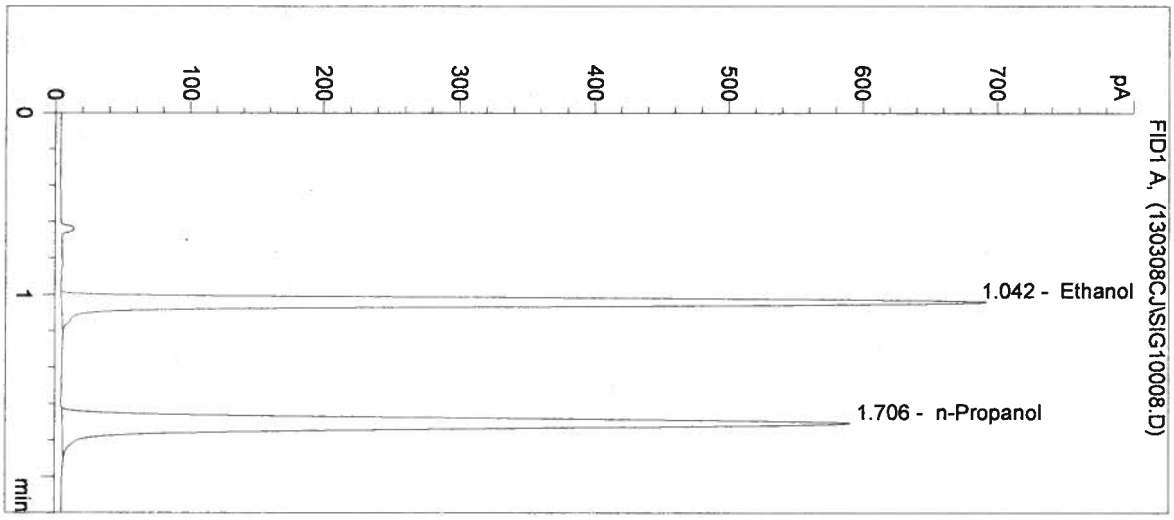
13007

CJ

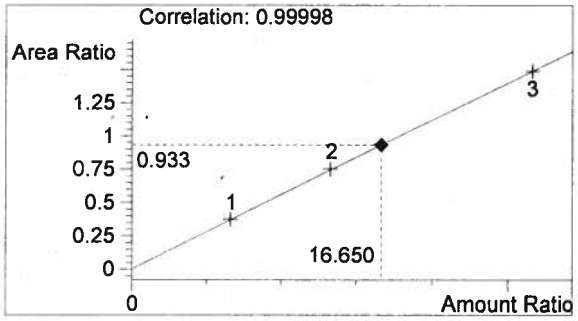
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 7:01:59 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

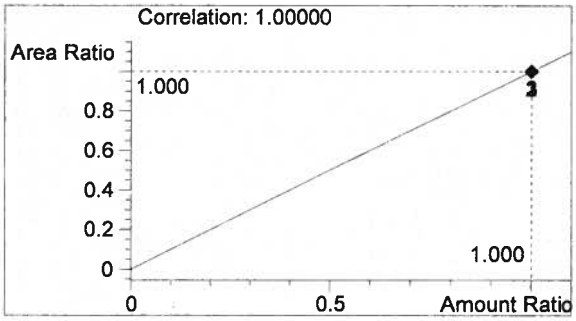
Sample Name: 0.20 CTRL-CJ
Operator: Chris Johnston
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2163	1.042
2	n-Propanol	2319	1.706



Ethanol 0.200 g/100mL



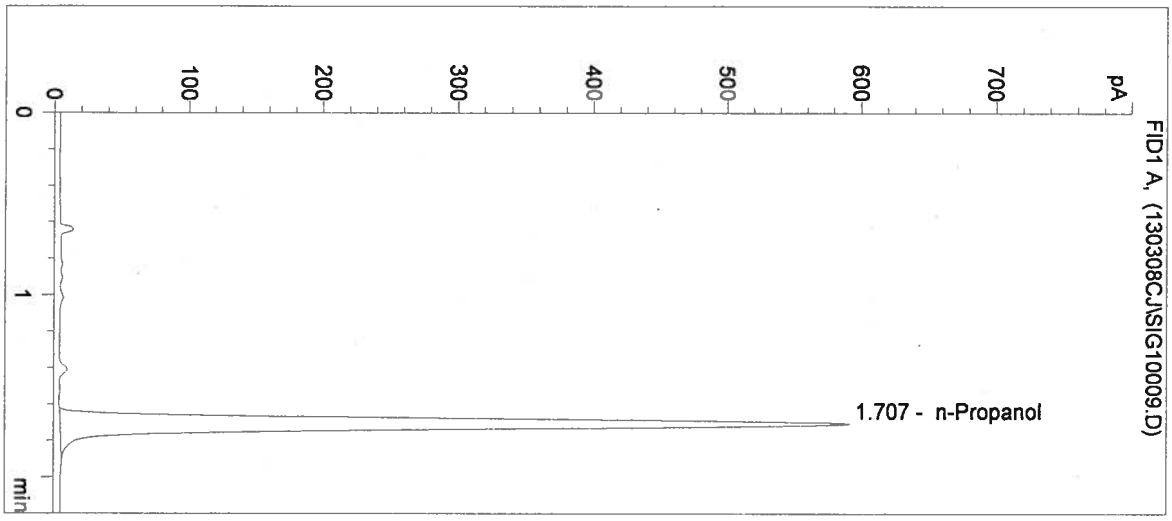
n-Propanol 0.012 g/100mL

13007

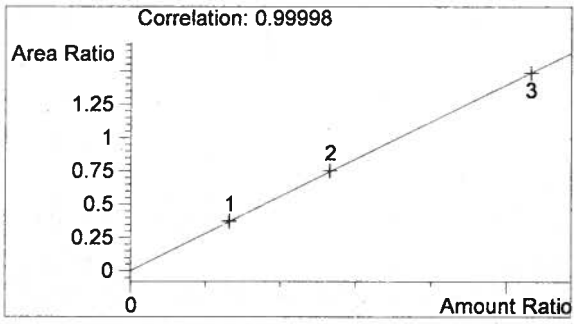
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 7:05:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

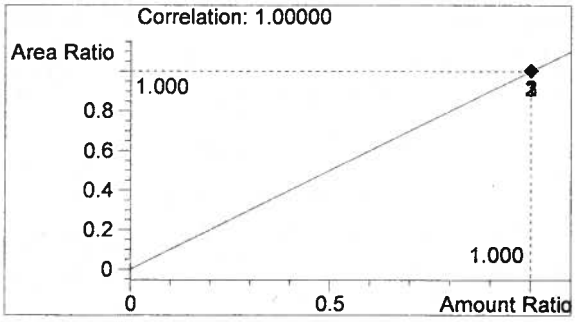
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2319	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

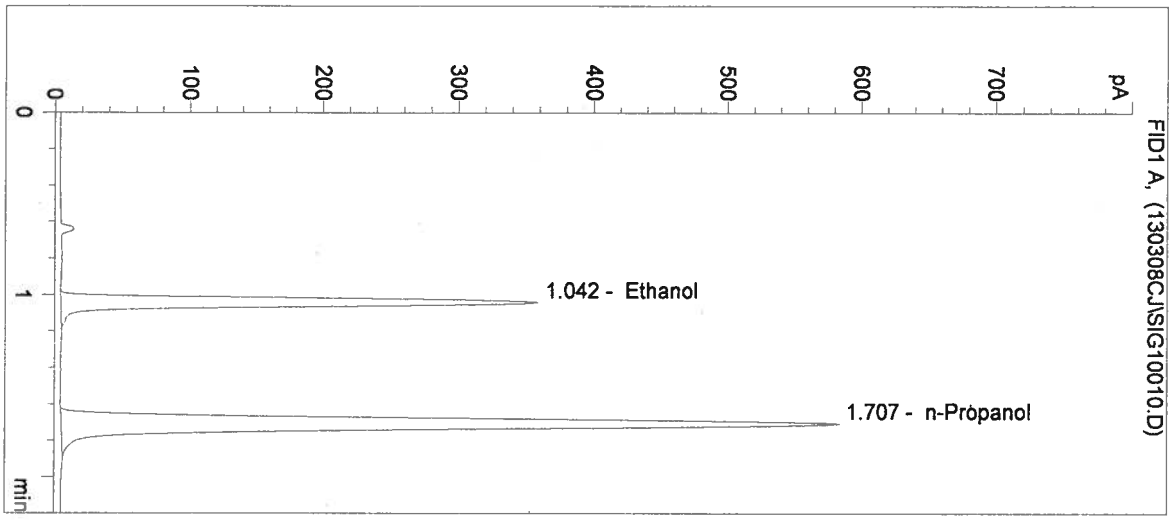
13007

CJ

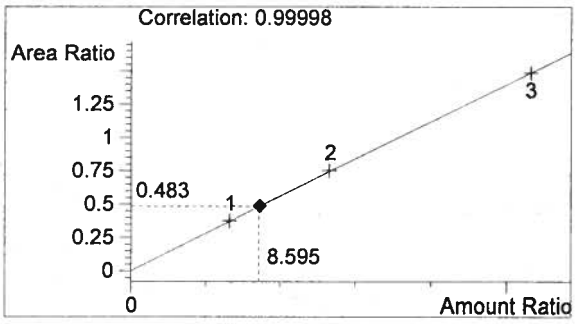
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 7:08:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

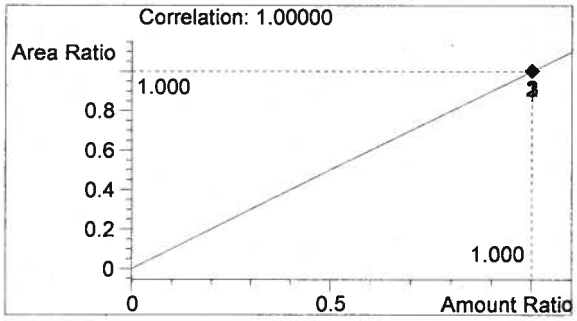
Sample Name: ESS 13007 #1
Operator: Chris Johnston
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1104	1.042
2	n-Propanol	2284	1.707



Ethanol 0.103 g/100mL

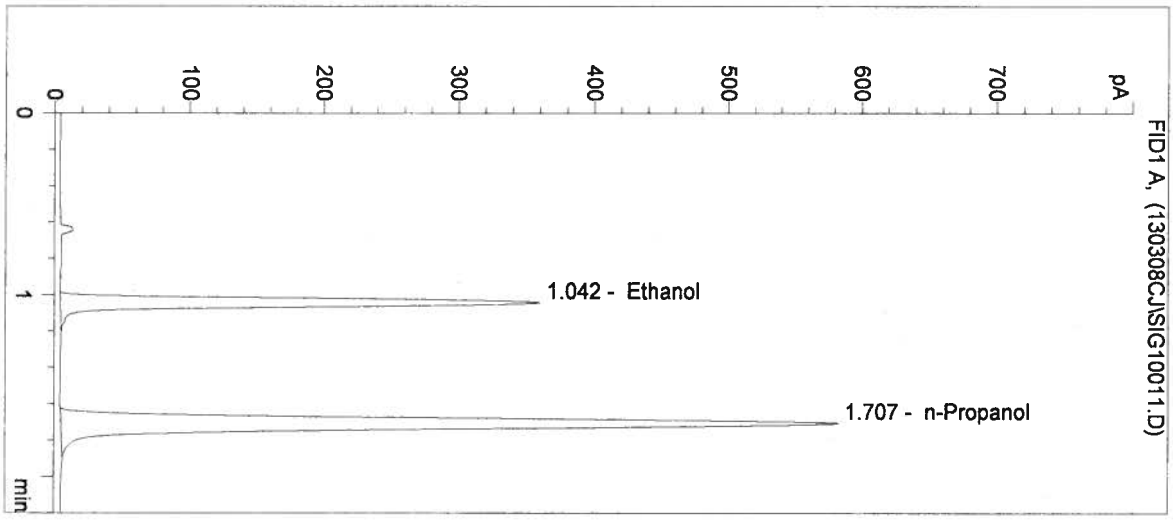


n-Propanol 0.012 g/100mL

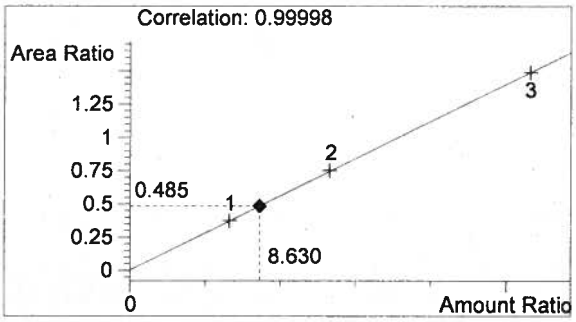
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 7:11:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

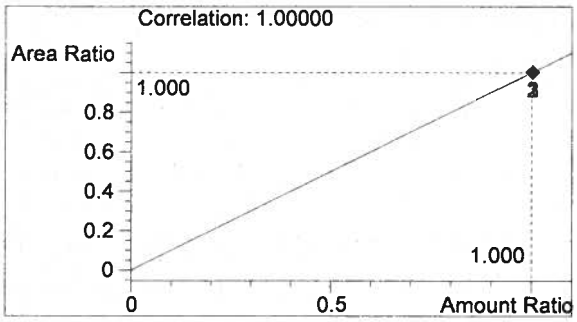
Sample Name: ESS 13007 #2
Operator: Chris Johnston
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.042
2	n-Propanol	2283	1.707



Ethanol 0.104 g/100mL



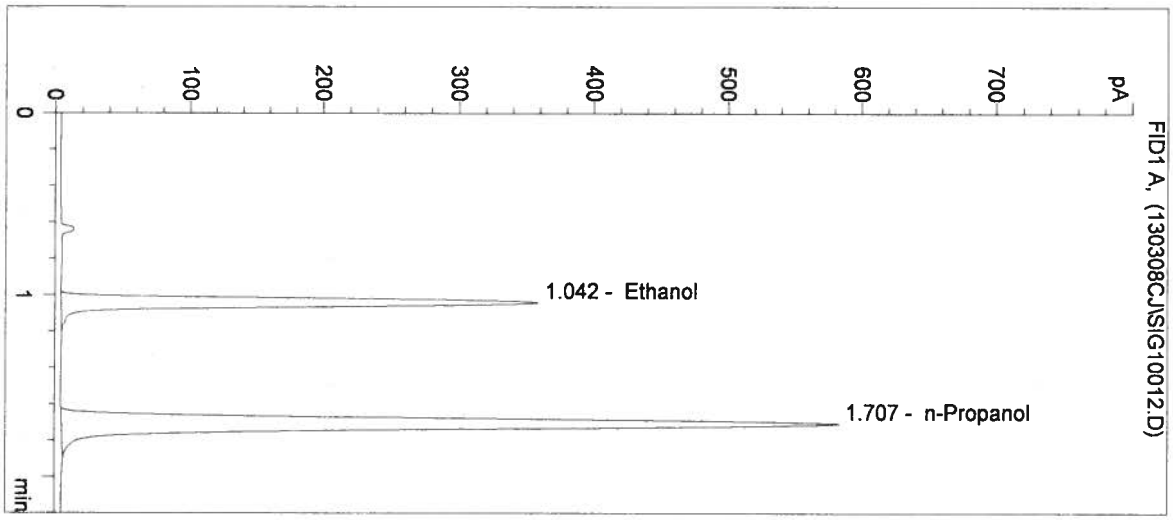
n-Propanol 0.012 g/100mL

cJ

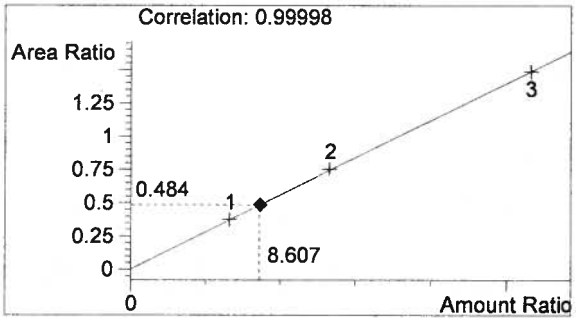
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 7:14:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

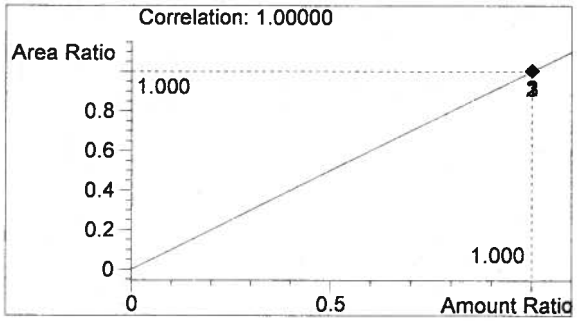
Sample Name: ESS 13007 #3
Operator: Chris Johnston
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.042
2	n-Propanol	2286	1.707



Ethanol 0.103 g/100mL



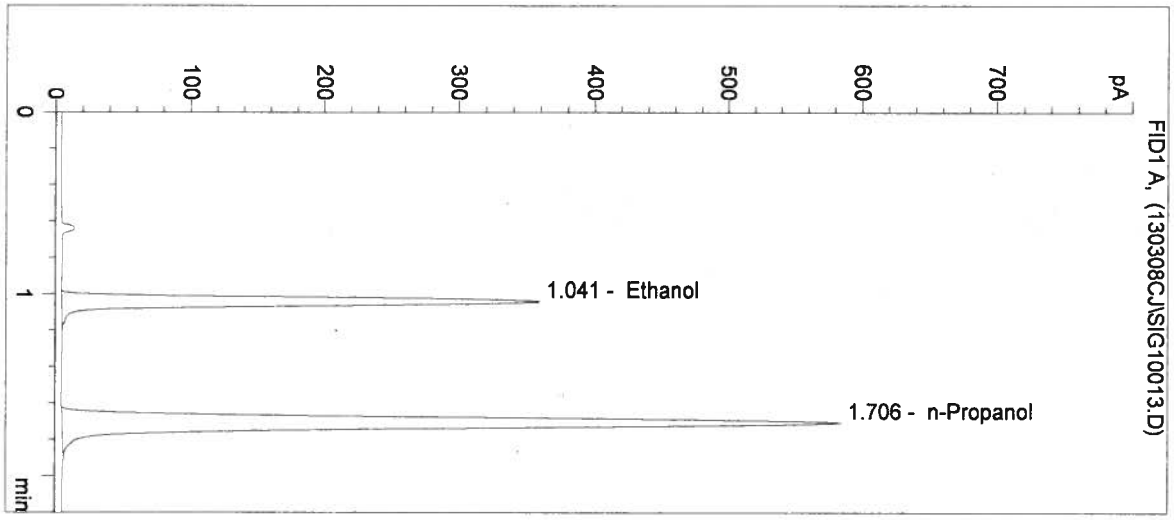
n-Propanol 0.012 g/100mL

CJ

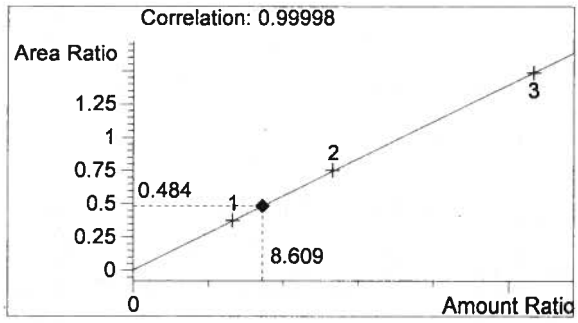
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 7:17:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

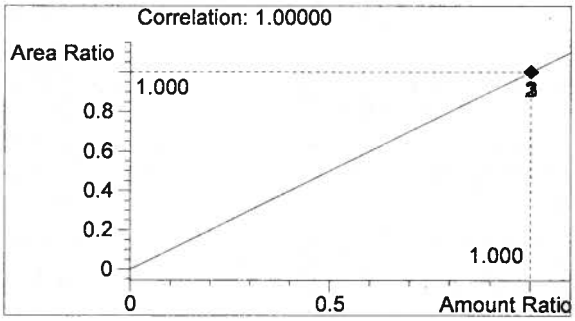
Sample Name: ESS 13007 #4
Operator: Chris Johnston
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1109	1.041
2	n-Propanol	2291	1.706



Ethanol 0.103 g/100mL



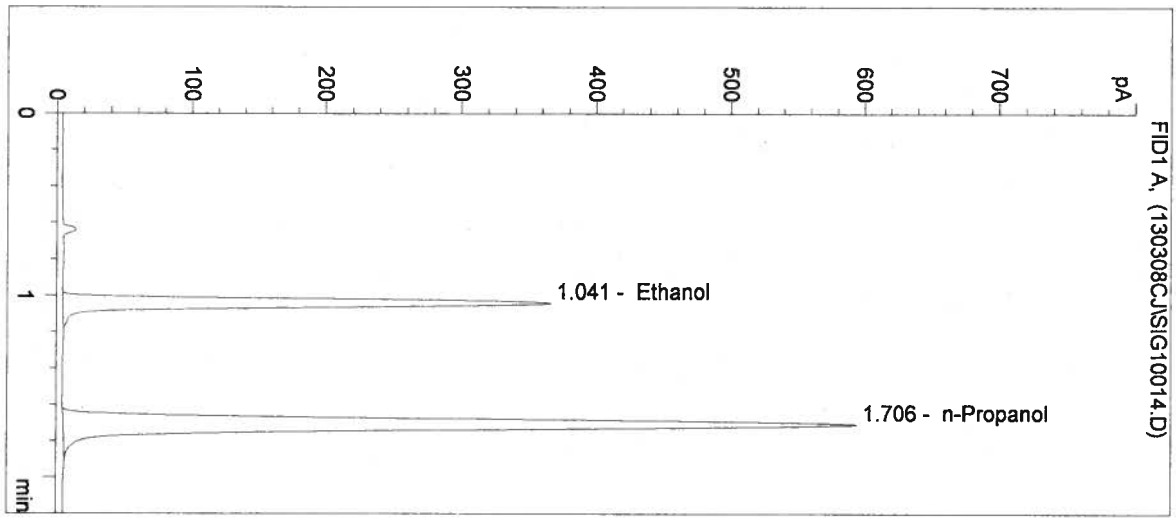
n-Propanol 0.012 g/100mL

CJ

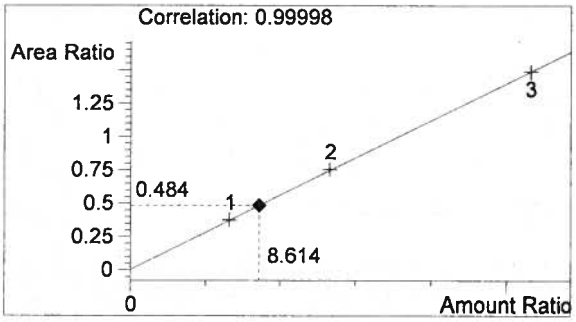
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 7:20:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

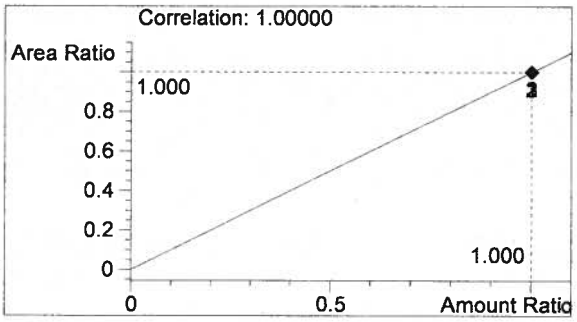
Sample Name: ESS 13007 #5
Operator: Chris Johnston
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1126	1.041
2	n-Propanol	2325	1.706



Ethanol 0.103 g/100mL



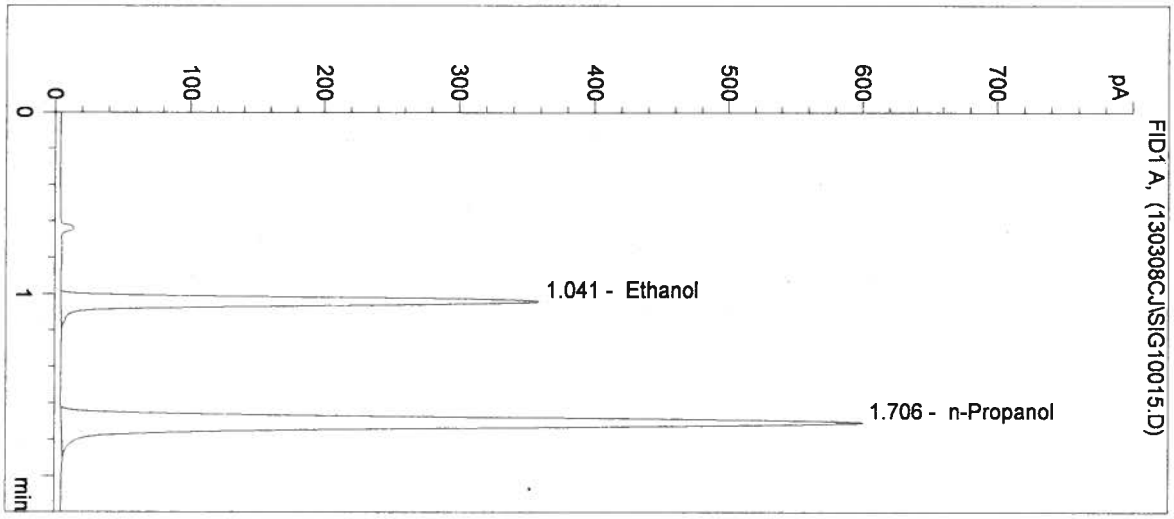
n-Propanol 0.012 g/100mL

cJ

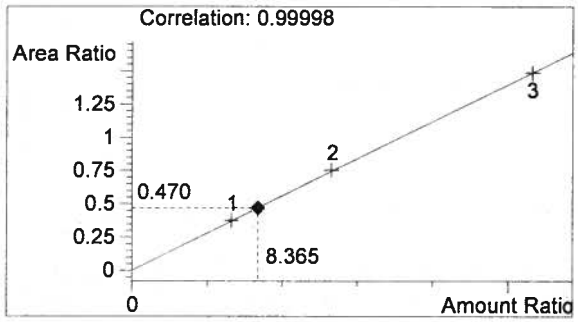
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 7:23:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

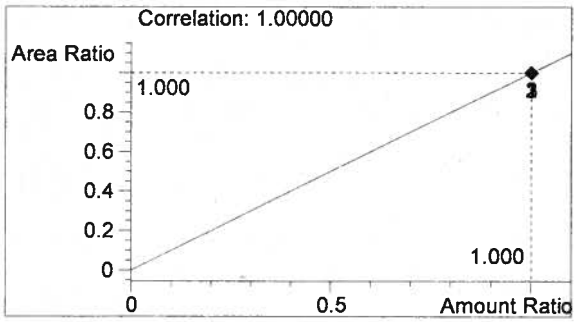
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1109	1.041
2	n-Propanol	2357	1.706



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

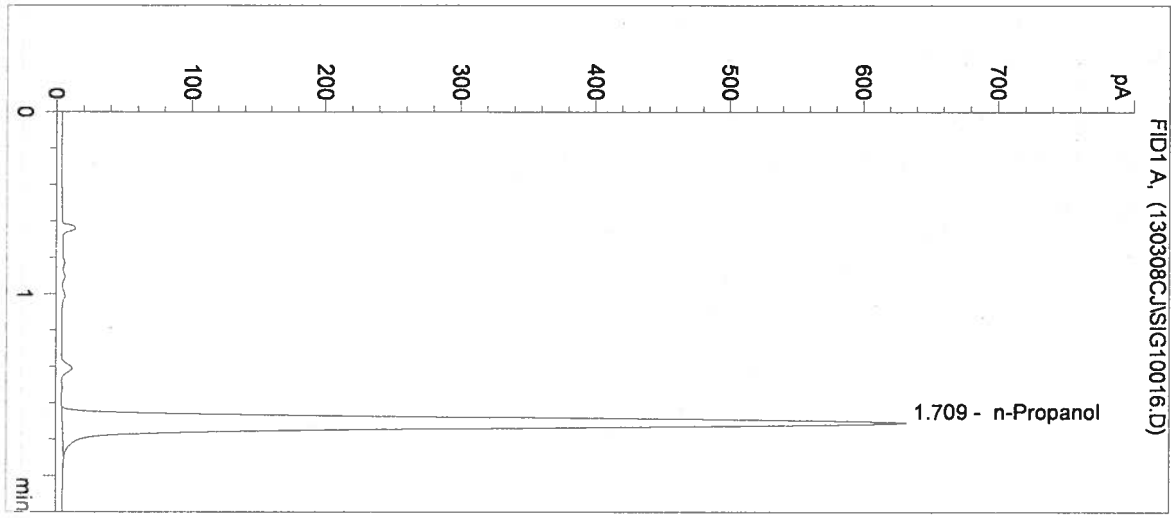
13007

CJ

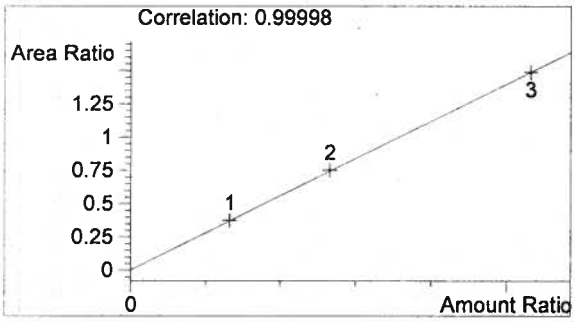
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/8/2013 7:26:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\BLDALCO.M
Sample Info:

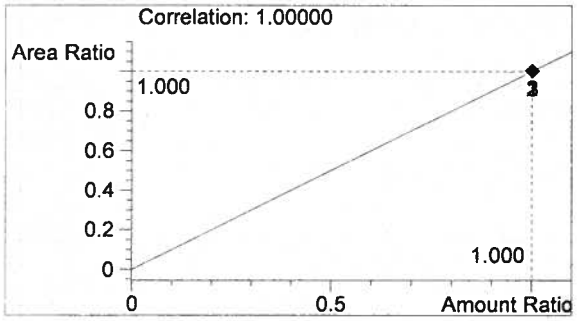
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2488	1.709



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13007

CJ

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:	130312JU
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	13007-1	SIMALC1	1	Sample		
11	Vial 11	13007-2	SIMALC1	1	Sample		
12	Vial 12	13007-3	SIMALC1	1	Sample		
13	Vial 13	13007-4	SIMALC1	1	Sample		
14	Vial 14	13007-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC1	1	Ctrl Samp		

13007

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!

13007

Calibration Table

EtOH Calibration

Calib. Data Modified : Tuesday, March 12, 2013 11:02:27 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
5	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.042	1	1	7.93800e-2	857.39105	9.25832e-5	5		Ethanol
		2	1.59660e-1	1700.82251	9.38722e-5			
		3	3.19080e-1	3414.01416	9.34618e-5			
1.707	1	1	1.20000e-2	2281.06421	5.26070e-6	I5		n-Propanol
		2	1.20000e-2	2267.89551	5.29125e-6			
		3	1.20000e-2	2260.66528	5.30817e-6			

Peak Sum Table

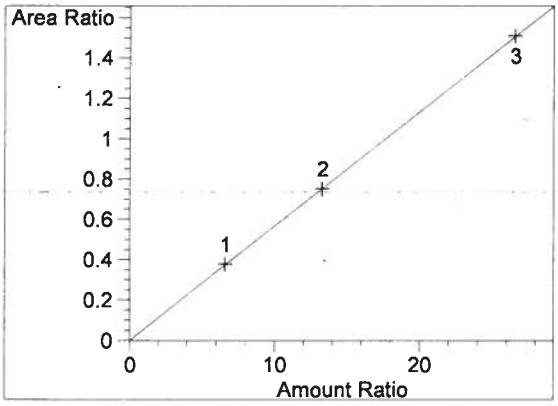
No Entries in table

13007

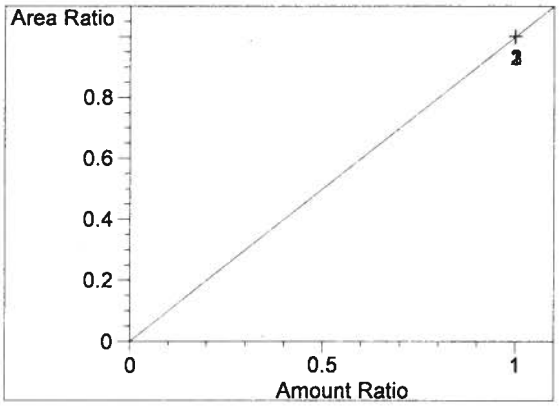
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00351
Formula: y = mx + b
m: 5.67681e-2
b: -1.06855e-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

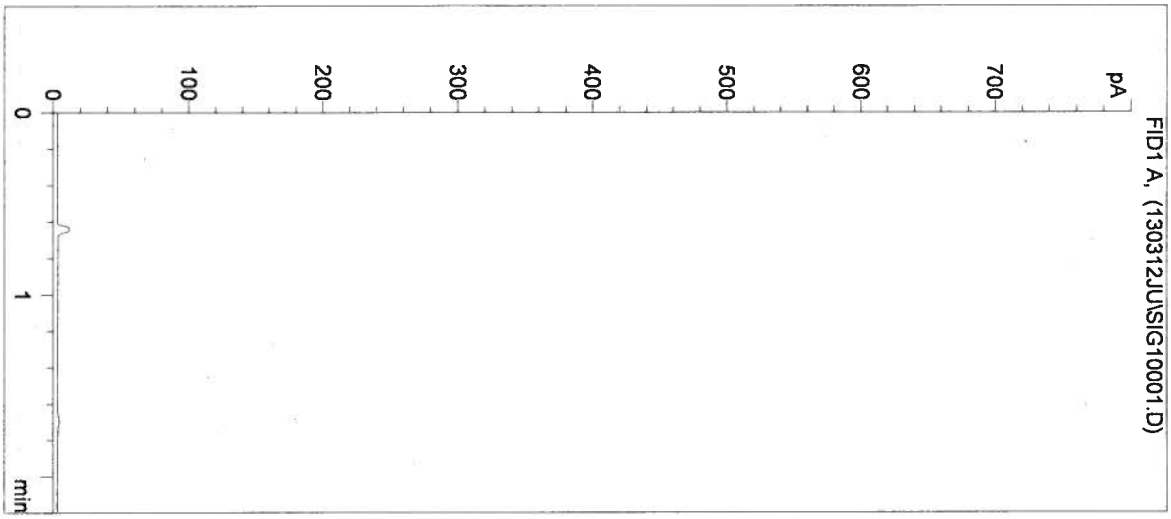
==========

13007

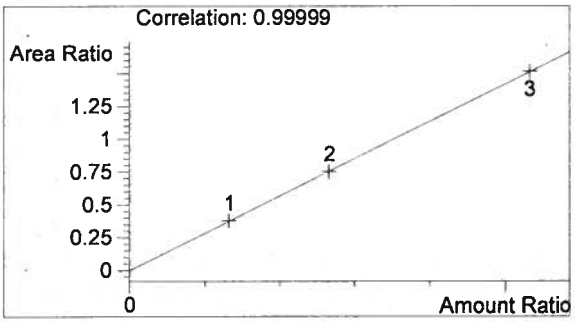
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/12/2013 9:27:15 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\BLDALCO.M
Sample Info:

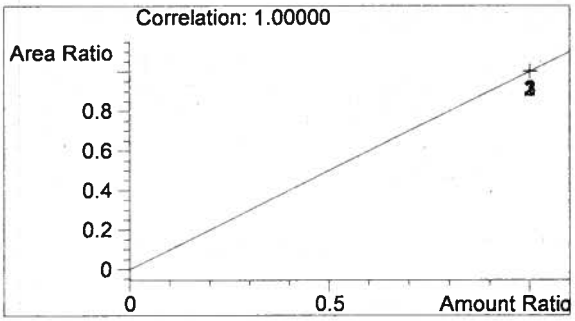
Sample Name: BLANK
Operator: Justin Knoy
Location: Vial 1



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



Ethanol 0.000 g/100mL



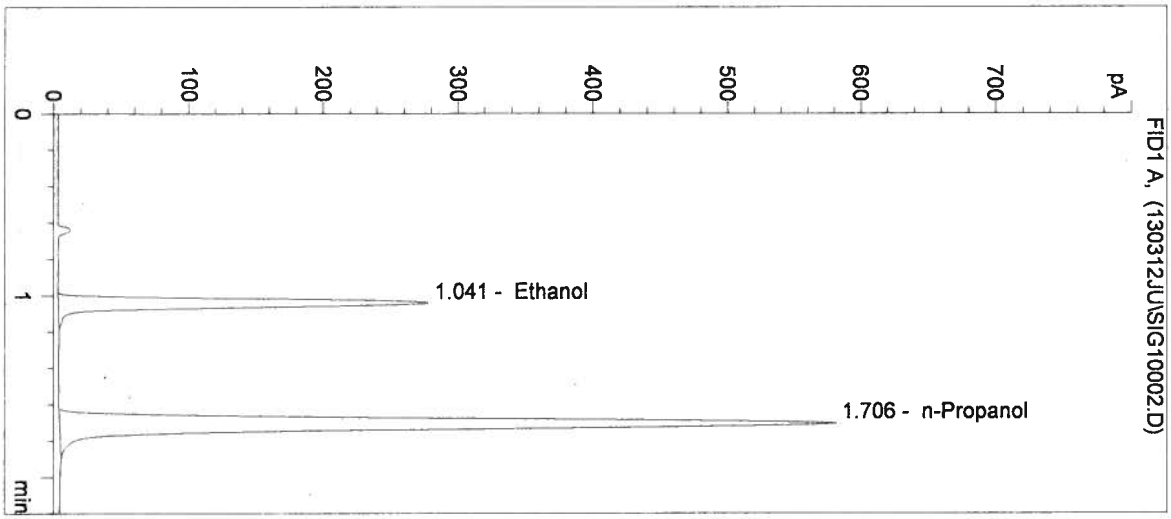
n-Propanol 0.000 g/100mL

E 1 3 0 0 7

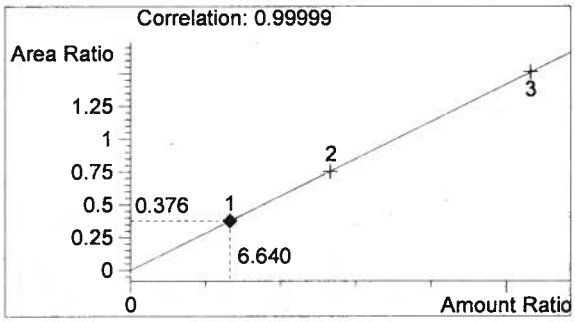
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/12/2013 9:30:20 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\BLDALCO.M
Sample Info: E0213-01 - (0.079g/100mL)

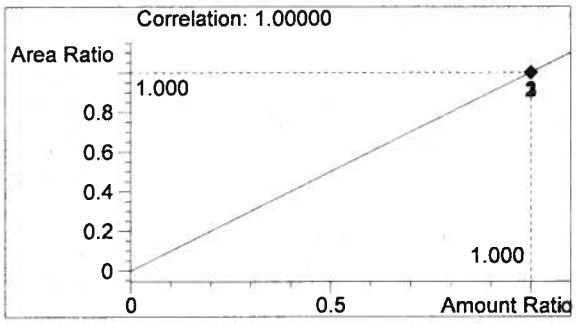
Sample Name: CAL1 0.079
Operator: Justin Knoy
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	857	1.041
2	n-Propanol	2281	1.706



Ethanol 0.080 g/100mL



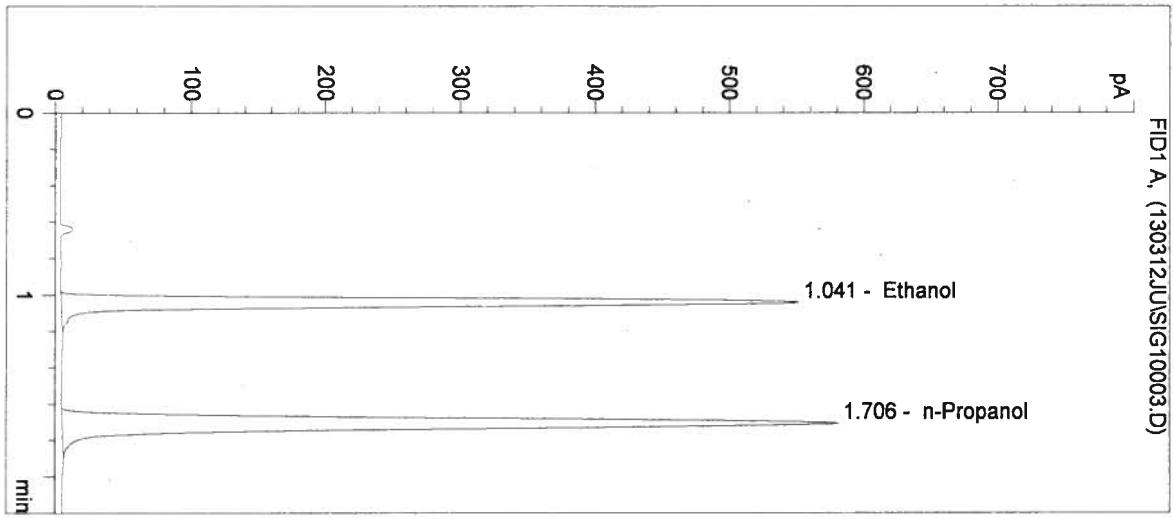
n-Propanol 0.012 g/100mL

13007

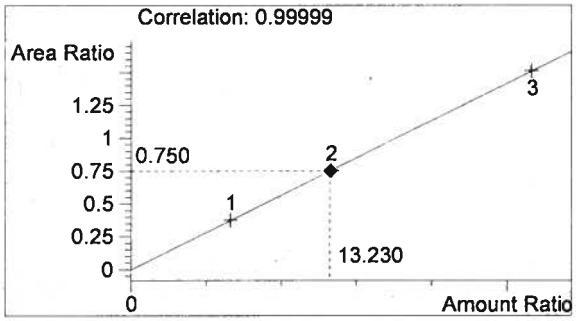
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/12/2013 9:33:25 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\BLDALCO.M
Sample Info: E0213-02 - (0.158g/100mL)

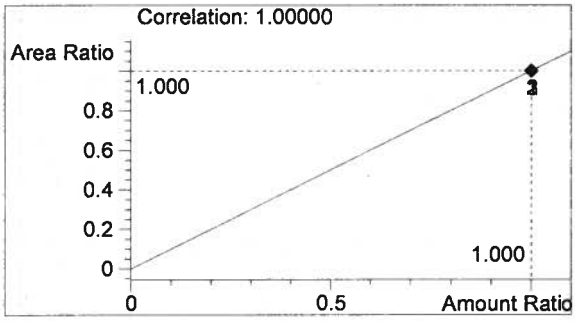
Sample Name: CAL2 0.158
Operator: Justin Knoy
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1701	1.041
2	n-Propanol	2268	1.706



Ethanol 0.159 g/100mL



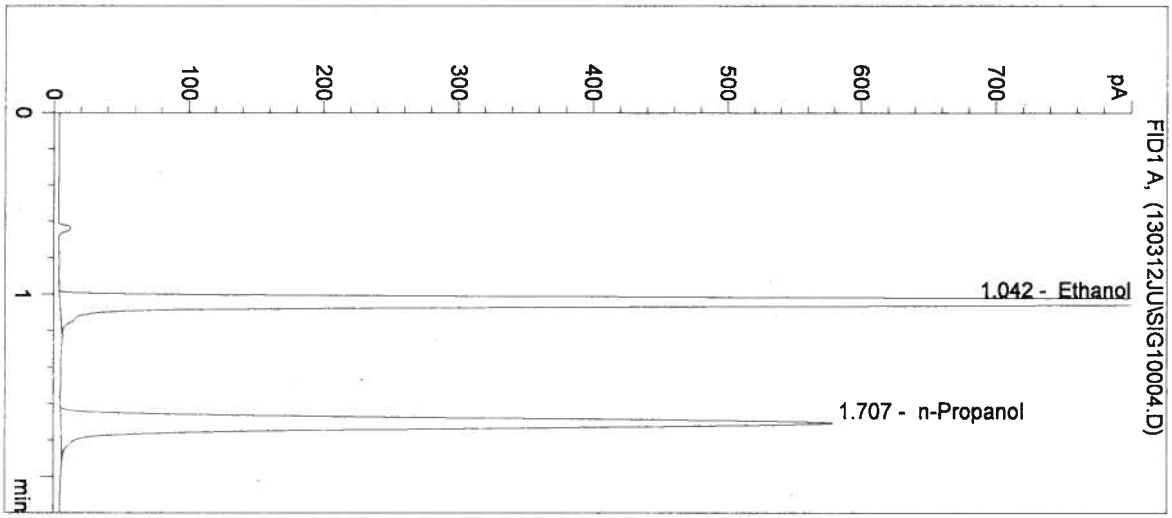
n-Propanol 0.012 g/100mL

13007

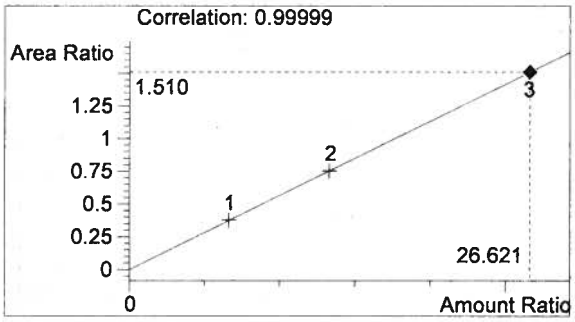
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/12/2013 9:36:29 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0213-03 - (0.316g/100mL)

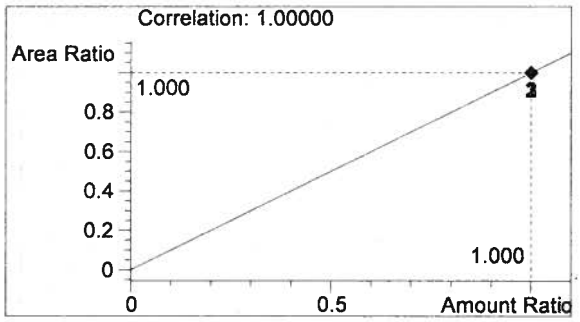
Sample Name: CAL3 0.316
Operator: Justin Knoy
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3414	1.042
2	n-Propanol	2261	1.707



Ethanol 0.319 g/100mL



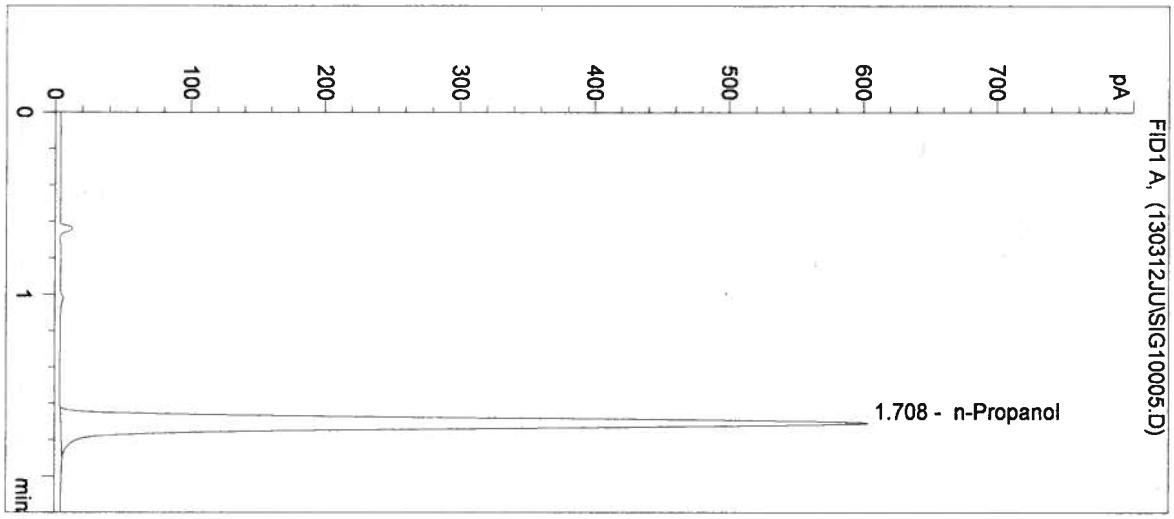
n-Propanol 0.012 g/100mL

13007

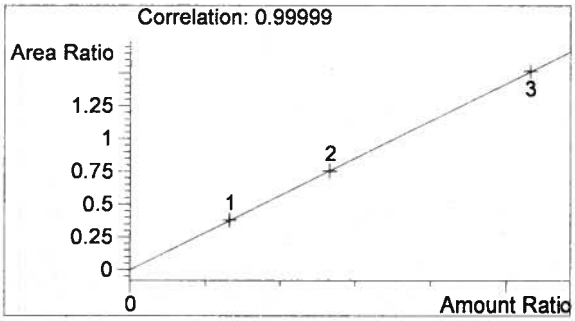
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/12/2013 9:39:34 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

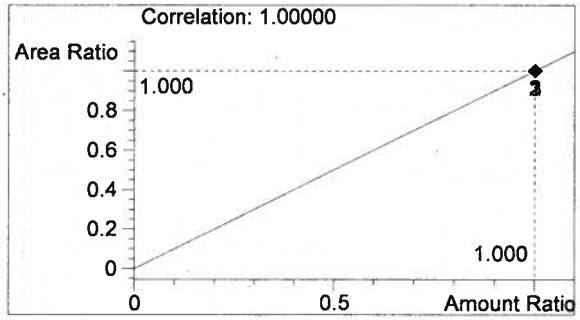
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2375	1.708



Ethanol 0.000 g/100mL



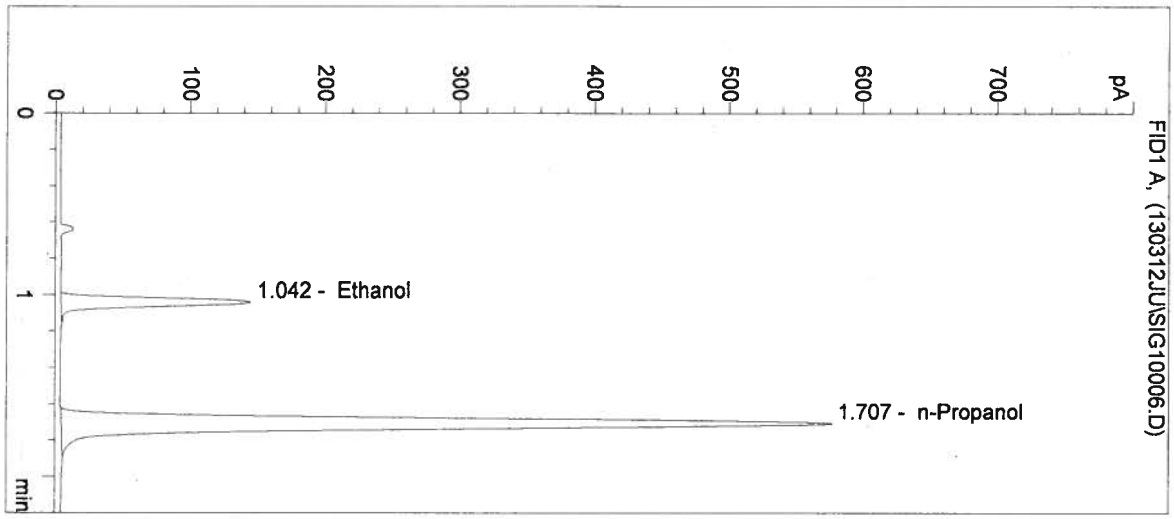
n-Propanol 0.012 g/100mL

13007

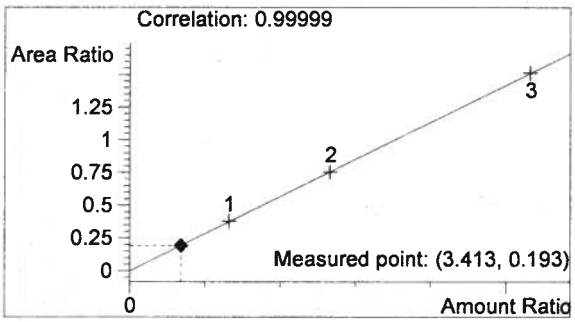
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/12/2013 9:42:39 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.04g/100mL

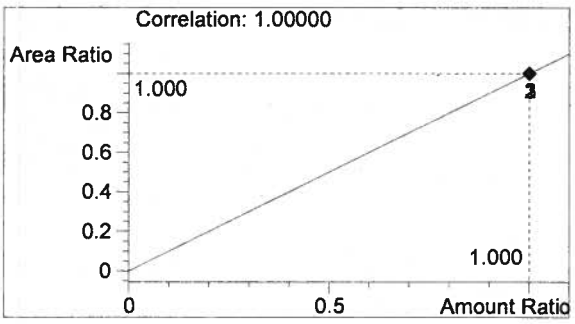
Sample Name: 0.04 CTRL JK
Operator: Justin Knoy
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	436	1.042
2	n-Propanol	2262	1.707



Ethanol 0.041 g/100mL



n-Propanol 0.012 g/100mL

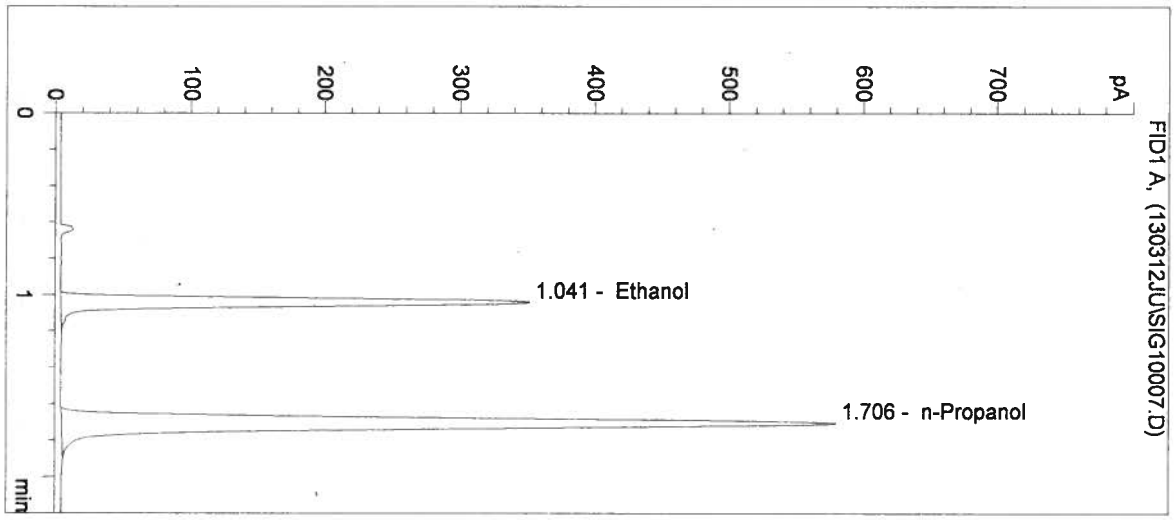
13007

JK

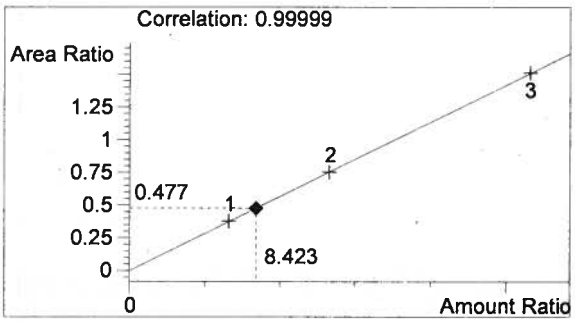
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/12/2013 9:45:44 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

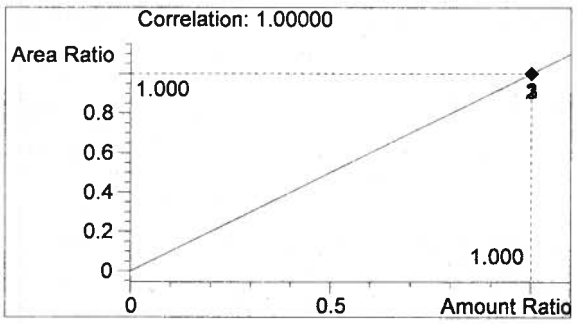
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1086	1.041
2	n-Propanol	2277	1.706



Ethanol 0.101 g/100mL



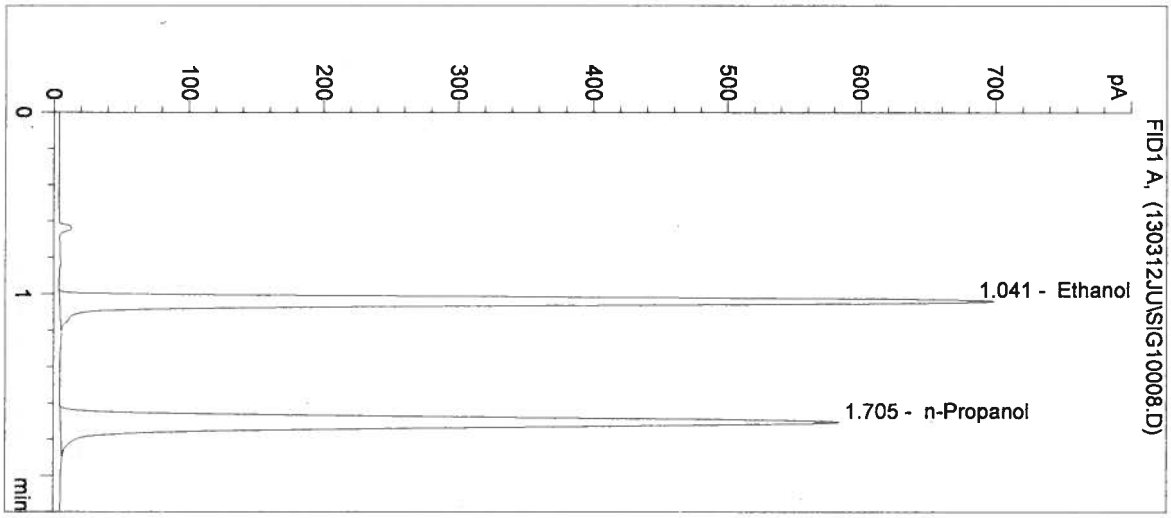
n-Propanol 0.012 g/100mL

13007

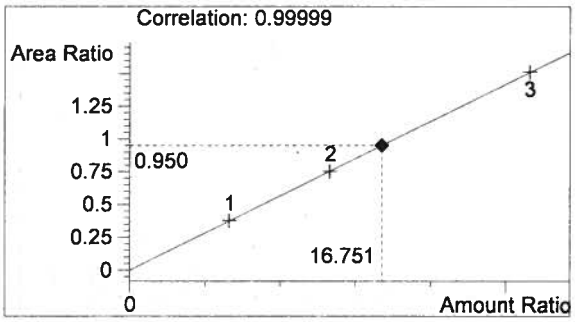
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/12/2013 9:48:48 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.20g/100mL

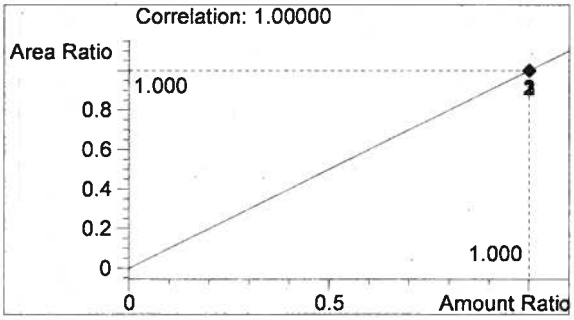
Sample Name: 0.20 CTRL JK
Operator: Justin Knoy
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2176	1.041
2	n-Propanol	2290	1.705



Ethanol 0.201 g/100mL



n-Propanol 0.012 g/100mL

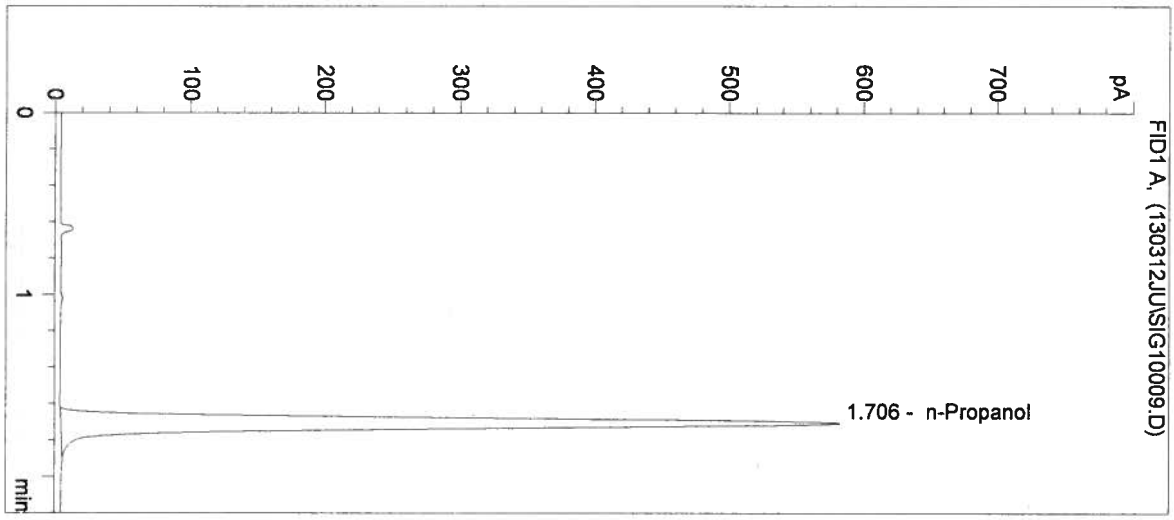
13007

Data File: C:\HPCHEM\1\DATA\130312JU\SIG10008.D

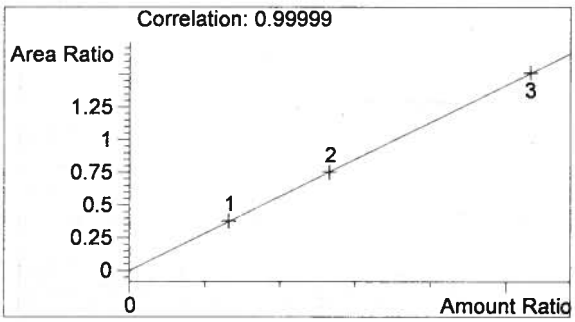
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/12/2013 9:51:53 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

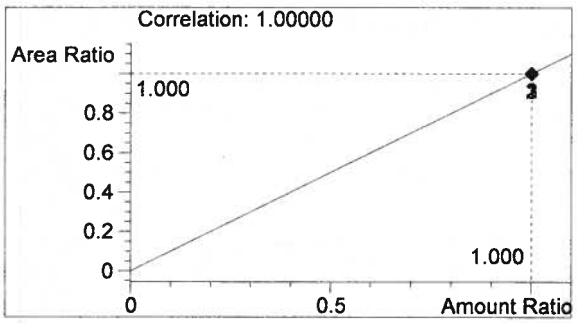
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2282	1.706



Ethanol 0.000 g/100mL



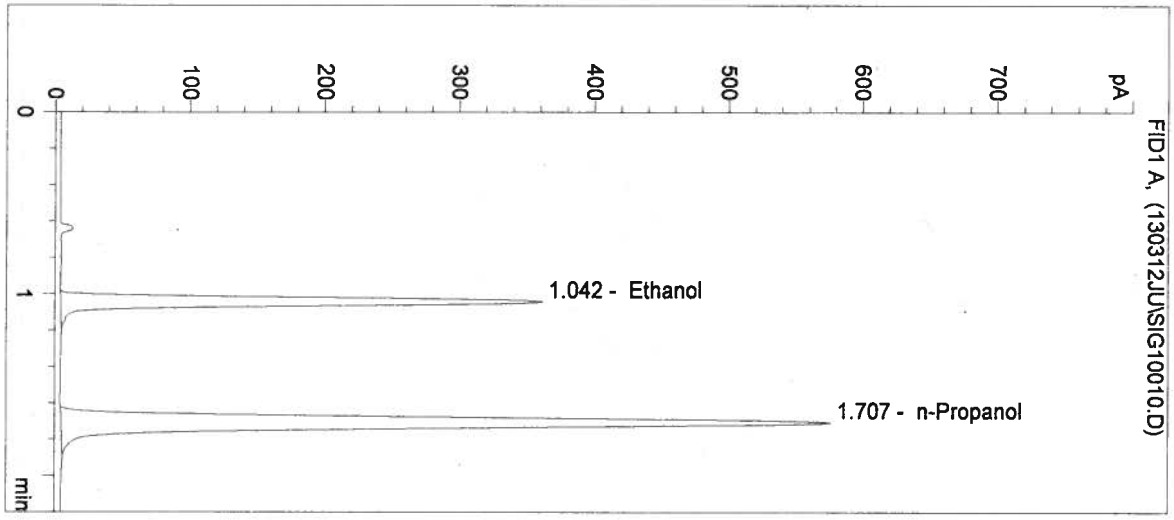
n-Propanol 0.012 g/100mL

13007

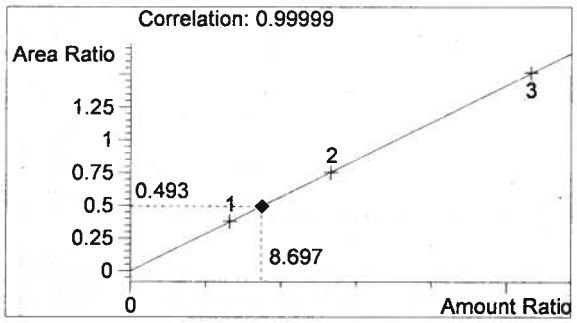
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/12/2013 9:54:58 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

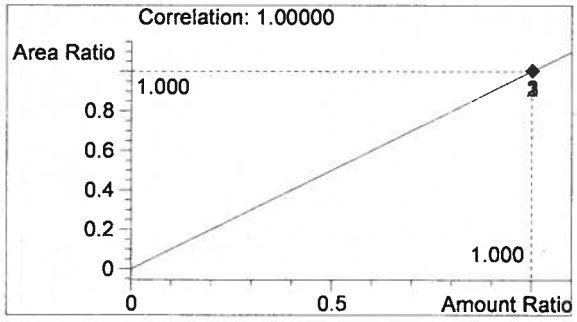
Sample Name: 13007-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.042
2	n-Propanol	2263	1.707



Ethanol 0.104 g/100mL

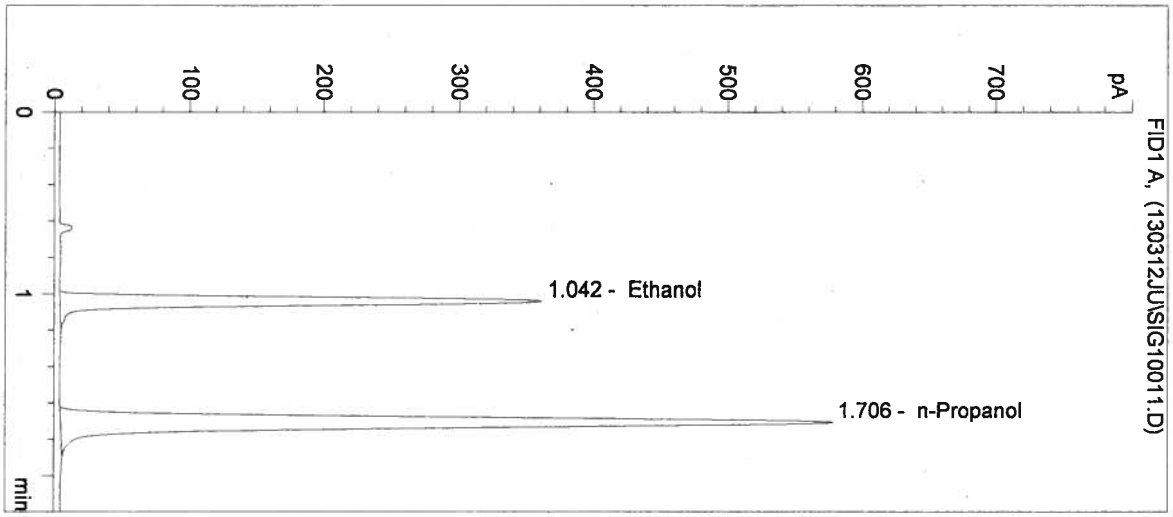


n-Propanol 0.012 g/100mL

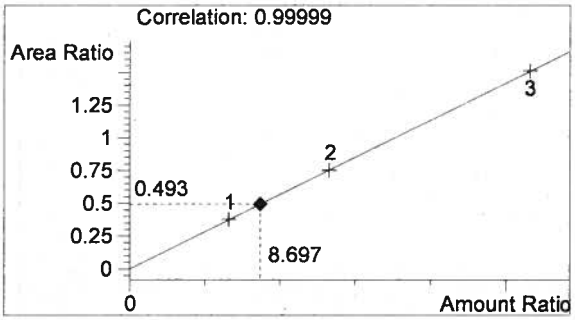
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/12/2013 9:58:03 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

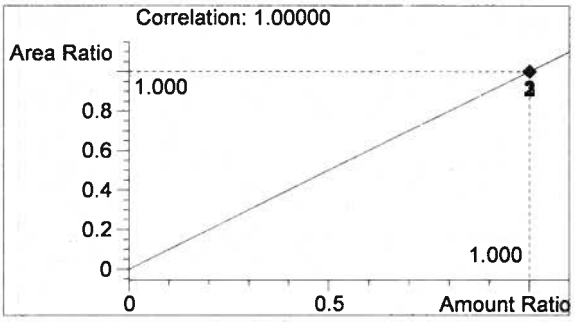
Sample Name: 13007-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1116	1.042
2	n-Propanol	2265	1.706



Ethanol 0.104 g/100mL

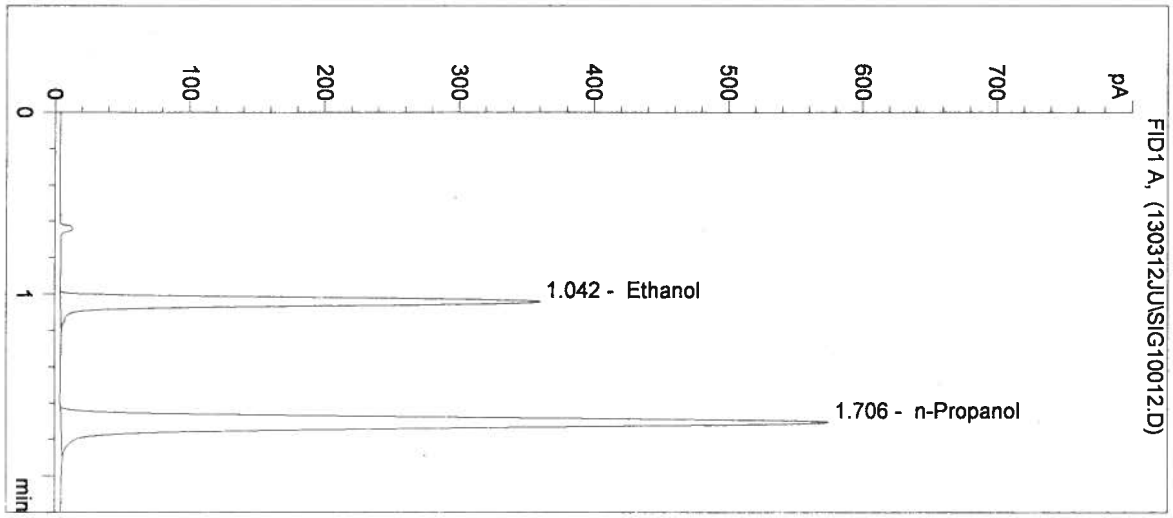


n-Propanol 0.012 g/100mL

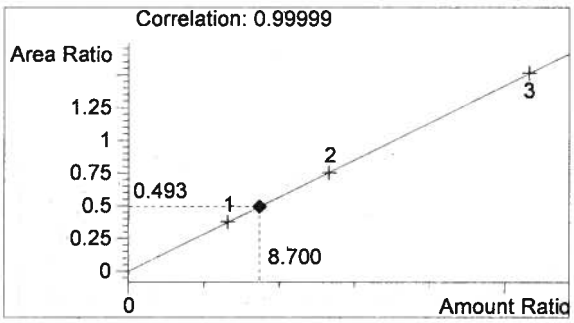
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/12/2013 10:01:08 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

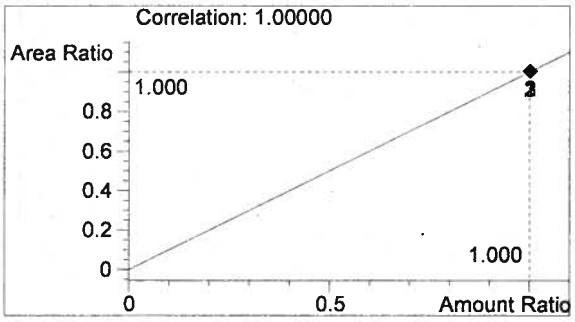
Sample Name: 13007-3
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1110	1.042
2	n-Propanol	2253	1.706



Ethanol 0.104 g/100mL

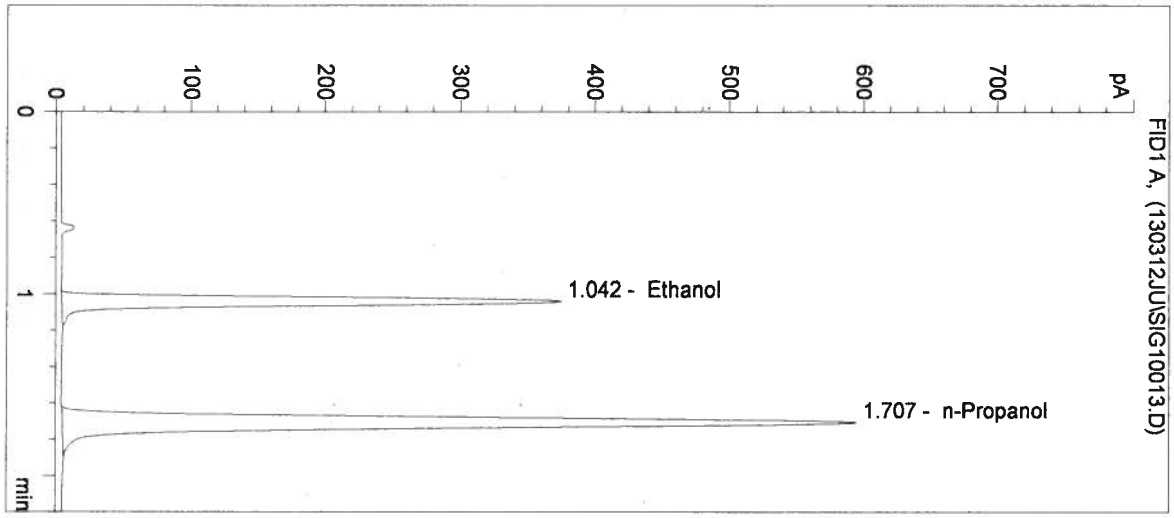


n-Propanol 0.012 g/100mL

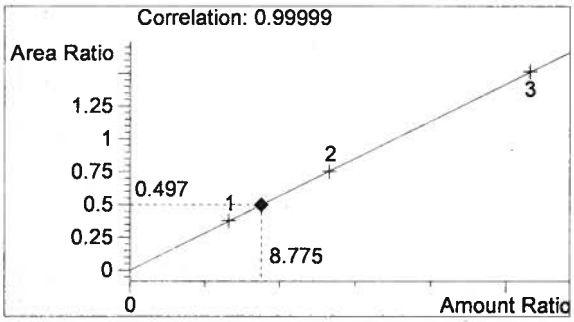
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/12/2013 10:04:12 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

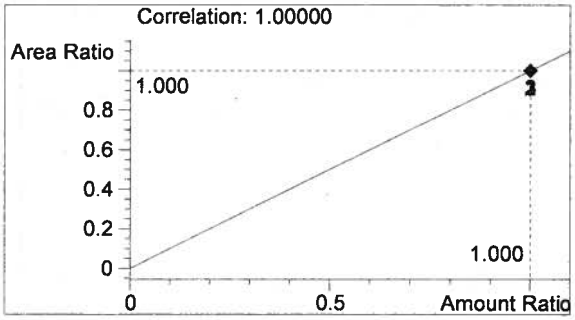
Sample Name: 13007-4
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1160	1.042
2	n-Propanol	2334	1.707



Ethanol 0.105 g/100mL

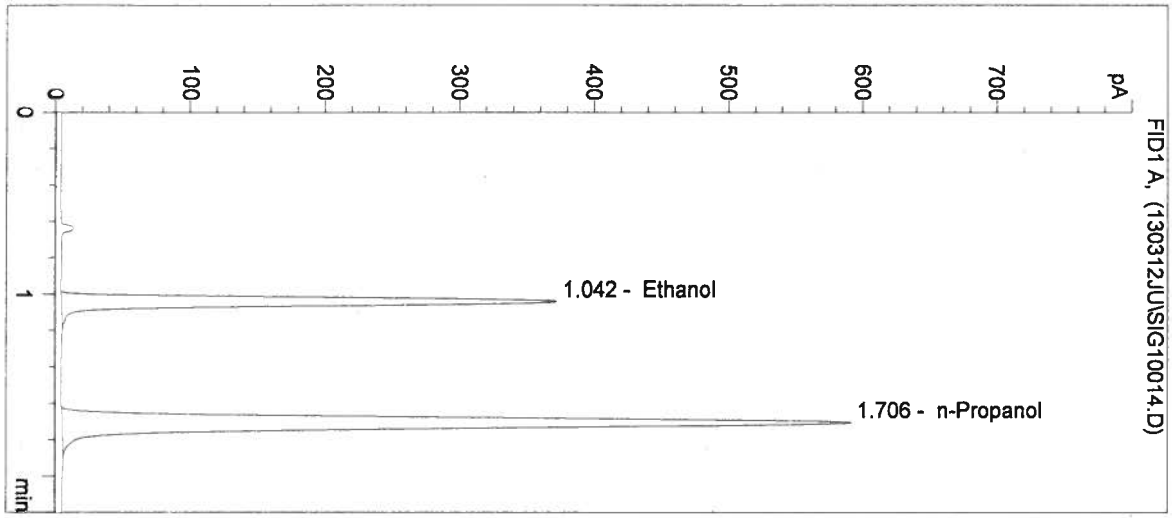


n-Propanol 0.012 g/100mL

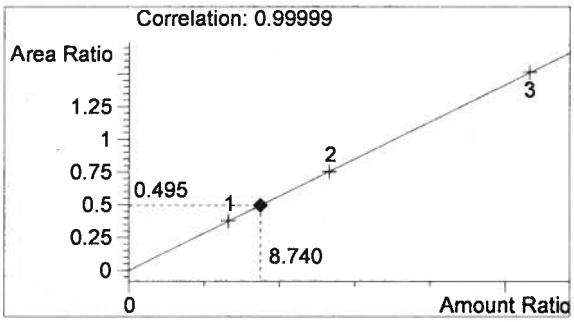
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/12/2013 10:07:17 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

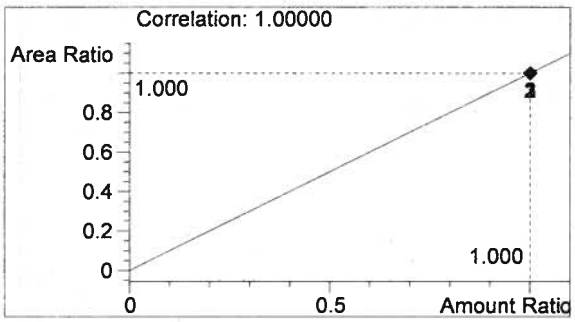
Sample Name: 13007-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1146	1.042
2	n-Propanol	2314	1.706



Ethanol 0.105 g/100mL

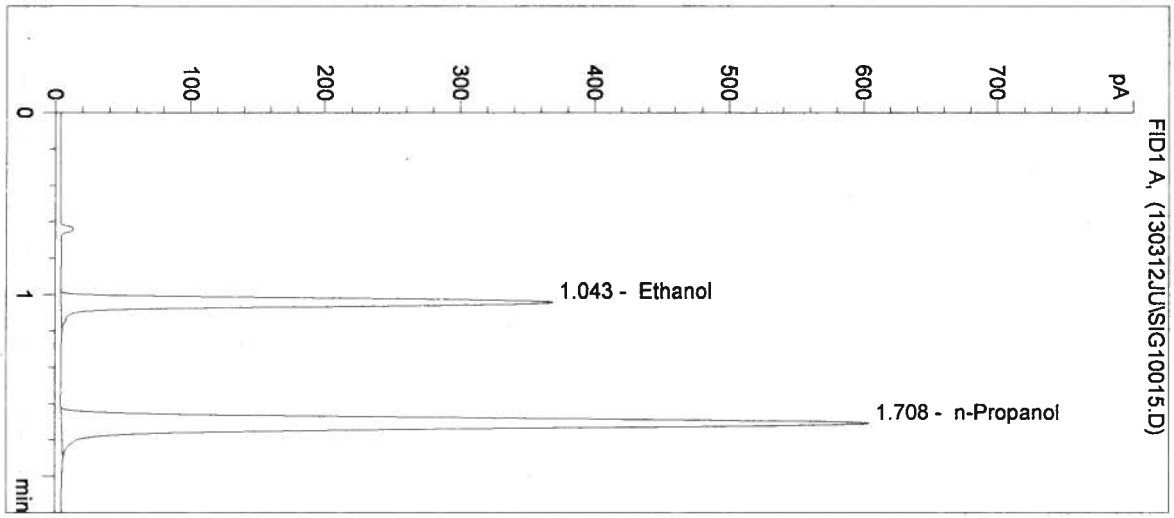


n-Propanol 0.012 g/100mL

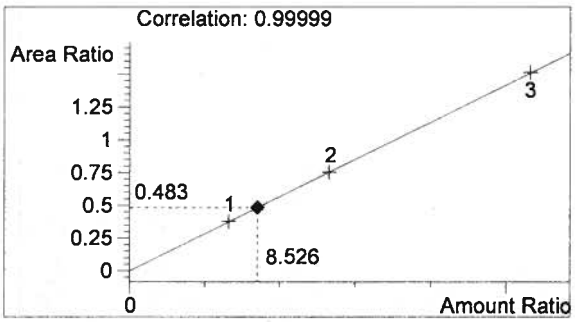
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/12/2013 10:10:22 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

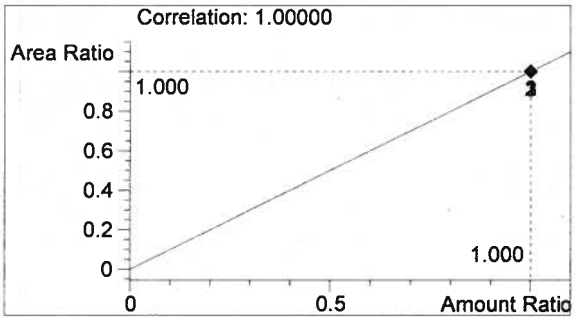
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1147	1.043
2	n-Propanol	2374	1.708



Ethanol 0.102 g/100mL



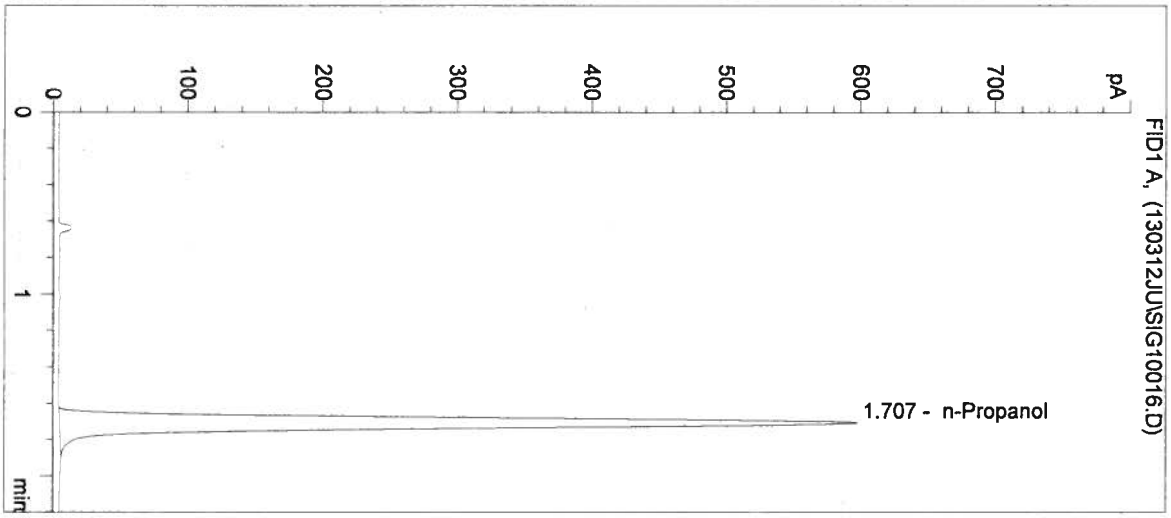
n-Propanol 0.012 g/100mL

13007

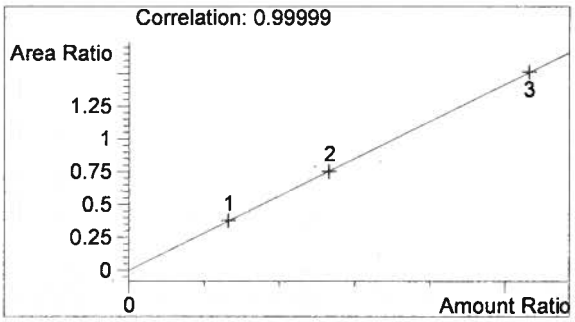
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/12/2013 10:13:26 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

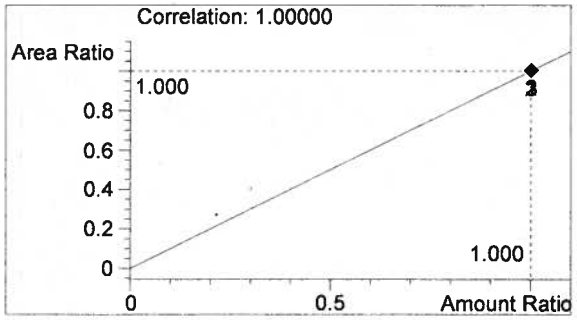
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2340	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13007

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:	130215AL ← should be 130315AL
Part of Methods to run:	According to Runtime Checklist AL 2013MAR15
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	13007 #1	SIMALC1	1	Sample		
11	Vial 11	13007 #2	SIMALC1	1	Sample		
12	Vial 12	13007 #3	SIMALC1	1	Sample		
13	Vial 13	13007 #4	SIMALC1	1	Sample		
14	Vial 14	13007 #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		

13007

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	

AL

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

Sequence Table (Back Injector):

No entries - empty table!

13007

DATA
130215 AL

AL

Calibration Table

Calib. Data Modified : Friday, March 15, 2013 12:12:16 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
1.041	1	1	7.93800e-2	875.40930	9.06776e-5	1		Ethanol
		2	1.59660e-1	1725.43079	9.25334e-5			
		3	3.19080e-1	3443.67041	9.26570e-5			
1.706	1	1	1.20000e-2	2276.51831	5.27121e-6	I1		n-Propanol
		2	1.20000e-2	2288.39600	5.24385e-6			
		3	1.20000e-2	2303.96191	5.20842e-6			

Peak Sum Table

No Entries in table

13007

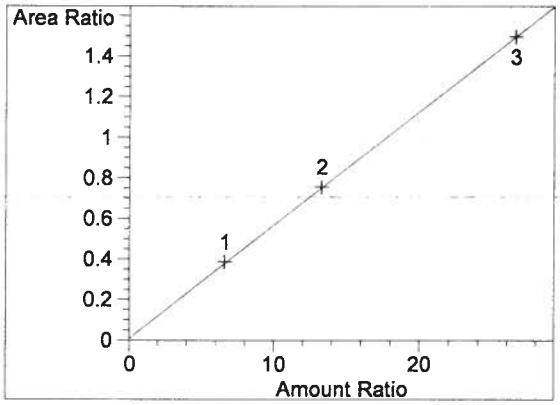
DATA 130215AC

AL

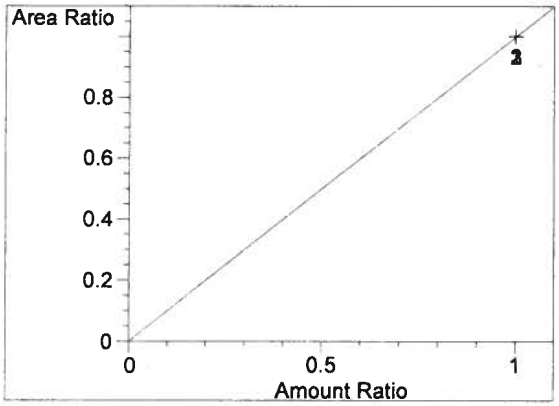
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99996
Residual Std. Dev.: 0.00717
Formula: y = mx + b
m: 5.60738e-2
b: 6.30254e-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

==========

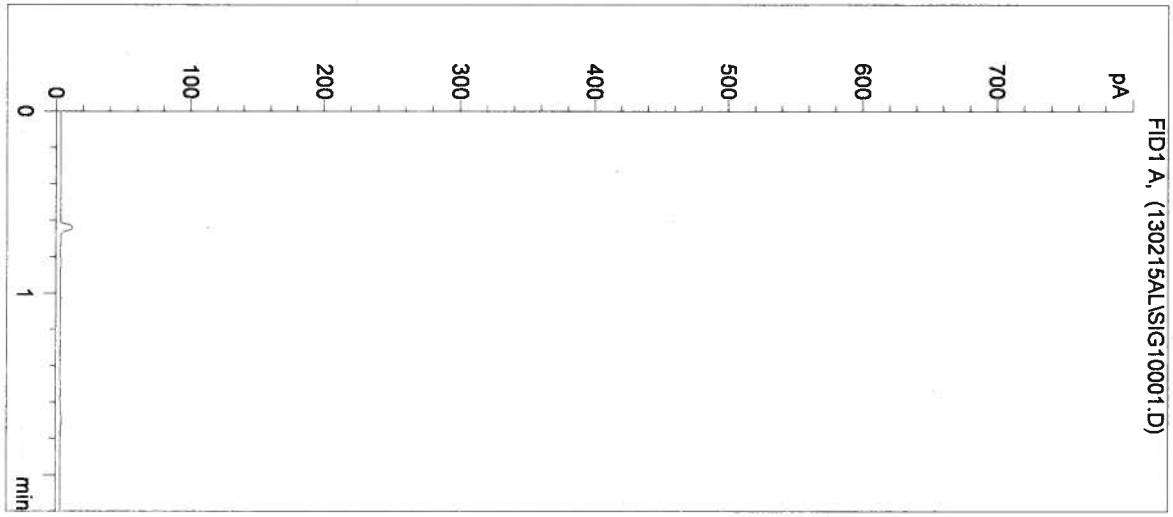
DATA BOZISAL 13007

AL

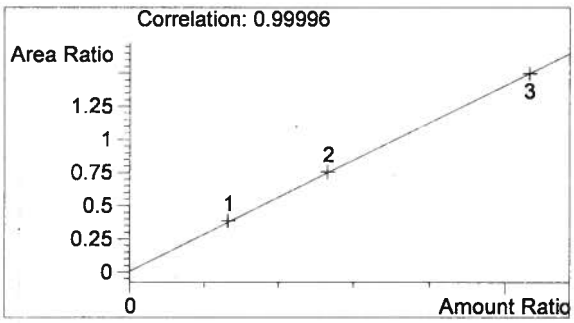
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/15/2013 12:00:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

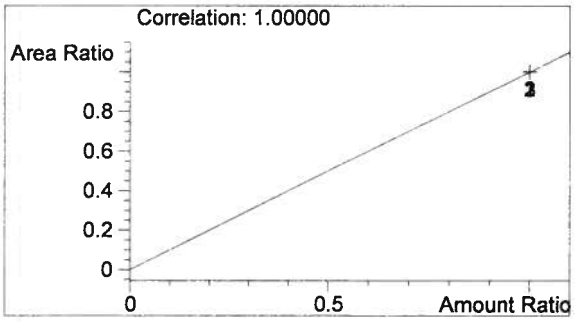
Sample Name: blank
Operator: asa louis
Location: Vial 1



#	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

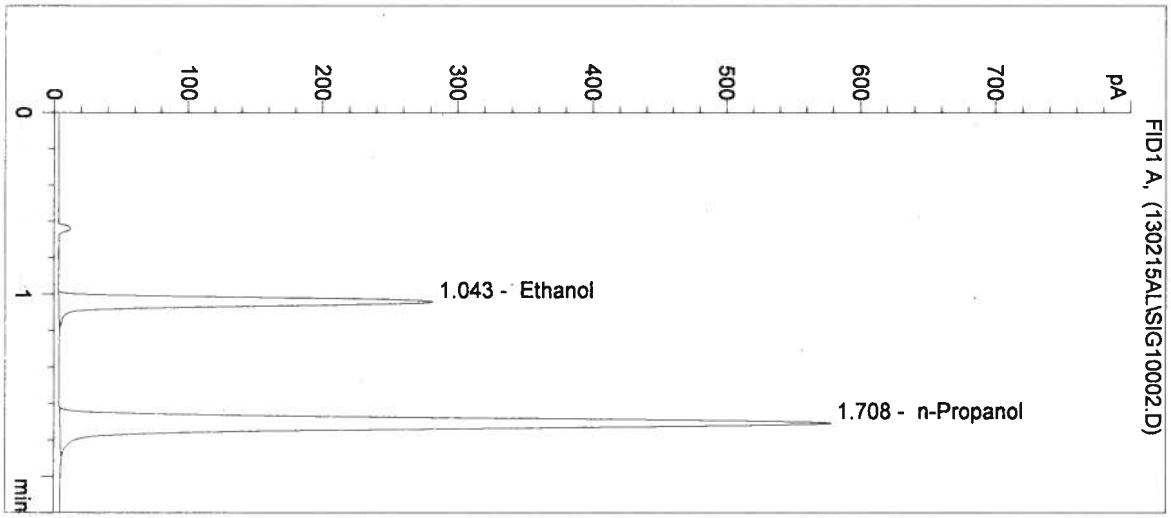
E1 3.007

AL

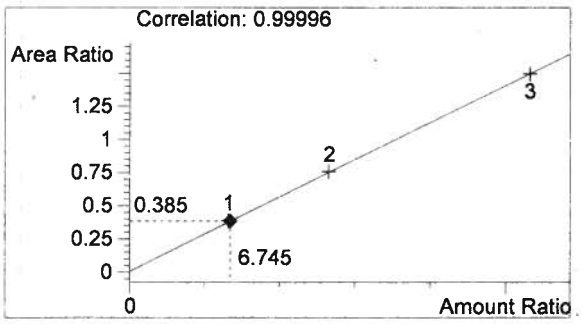
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/15/2013 12:03:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

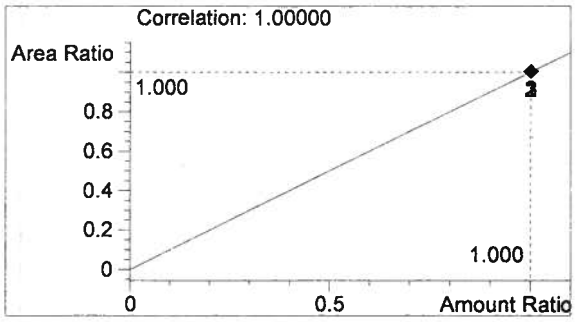
Sample Name: 0.079 cal 1
Operator: asa louis
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	875	1.043
2	n-Propanol	2277	1.708



Ethanol 0.081 g/100mL



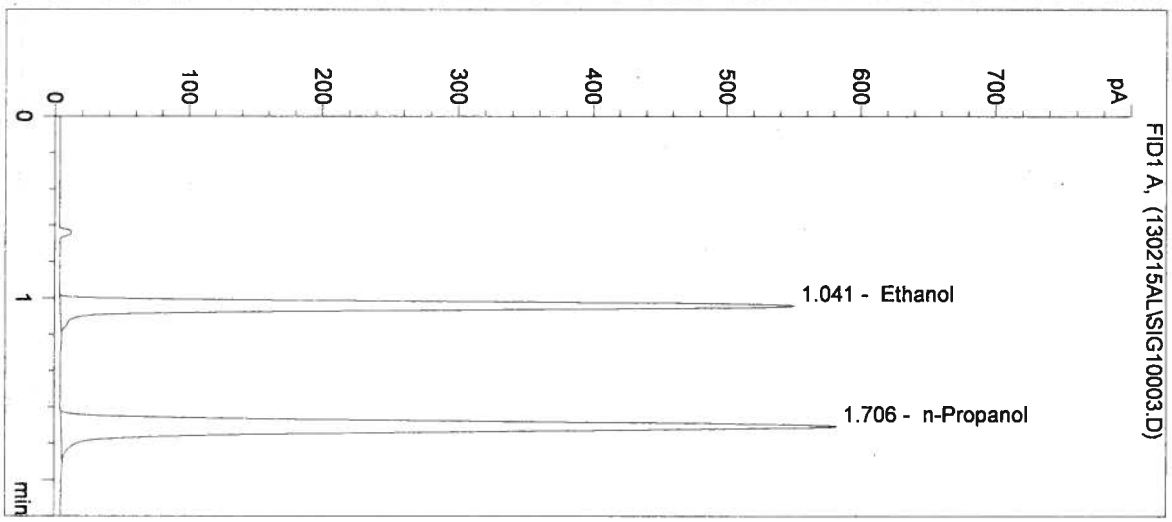
n-Propanol 0.012 g/100mL

13007

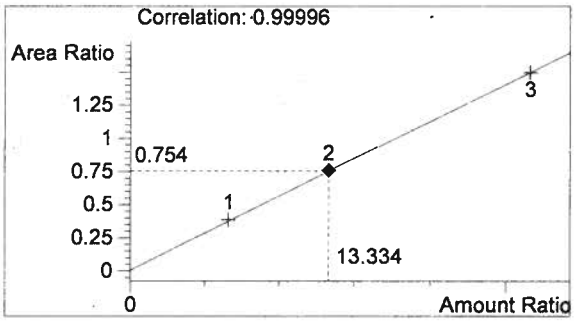
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/15/2013 12:06:58 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

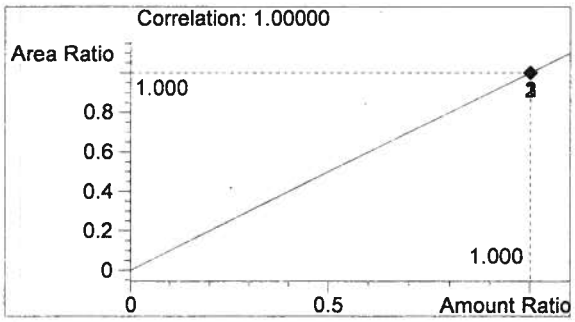
Sample Name: 0.158 cal 2
Operator: asa louis
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1725	1.041
2	n-Propanol	2288	1.706



Ethanol 0.160 g/100mL



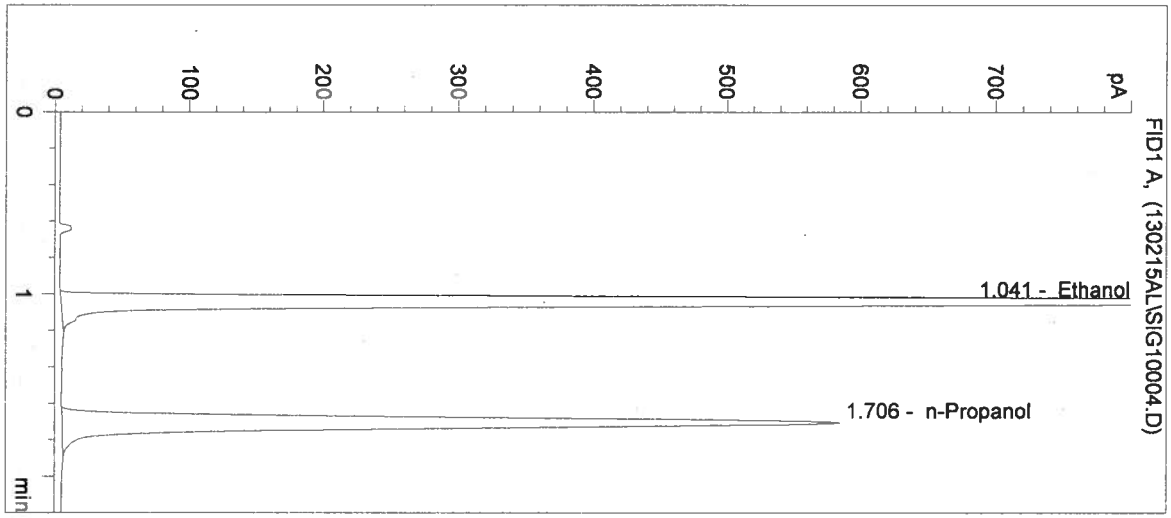
n-Propanol 0.012 g/100mL

E 13007

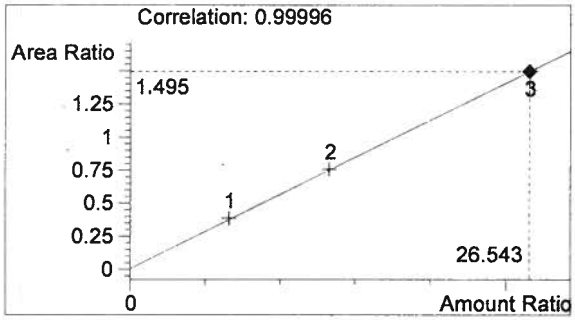
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/15/2013 12:10:03 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

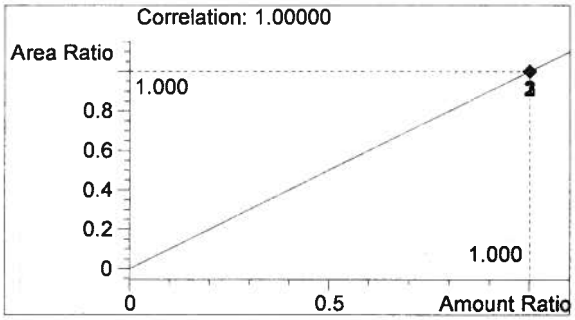
Sample Name: 0.316 cal 3
Operator: asa louis
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3444	1.041
2	n-Propanol	2304	1.706



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

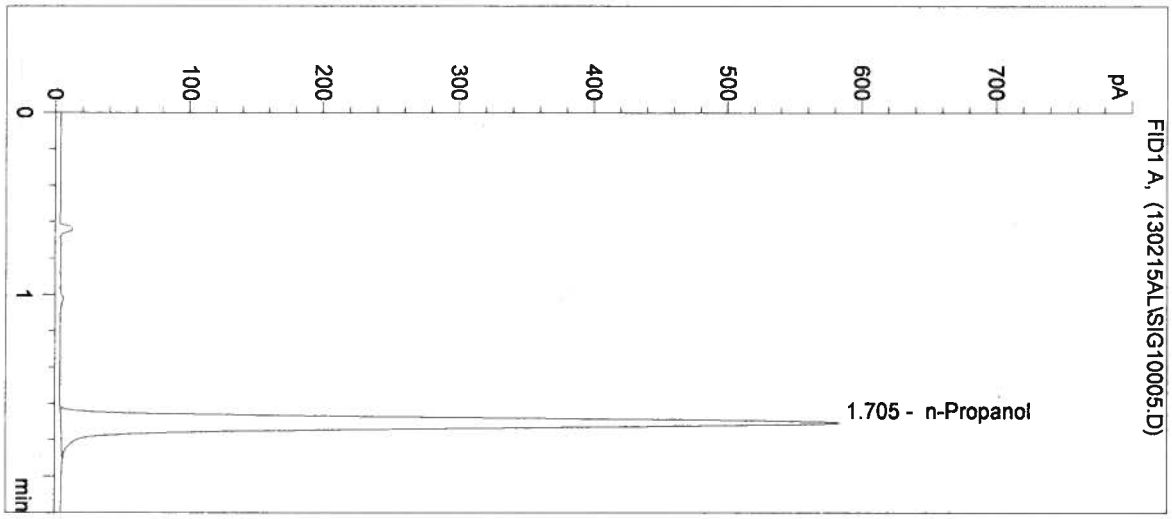
13007

Data File: C:\HPCHEM\1\DATA\130215AL\SIG10004.D

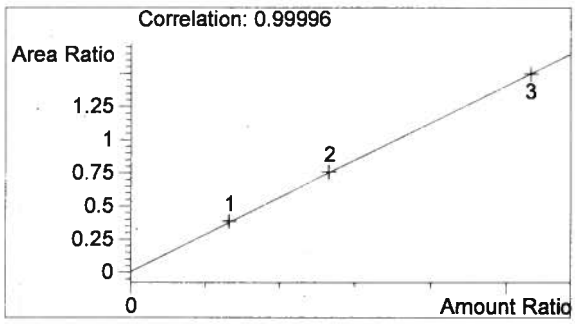
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/15/2013 12:13:07 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

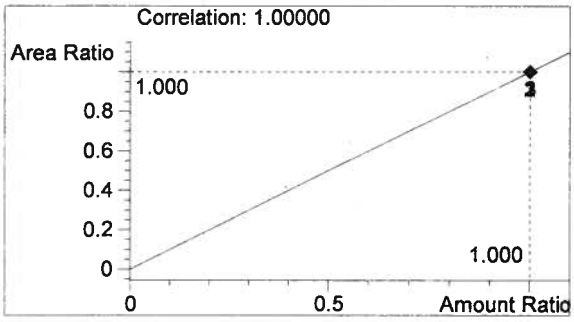
Sample Name: neg control - al
Operator: asa louis
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2306	1.705



Ethanol 0.000 g/100mL



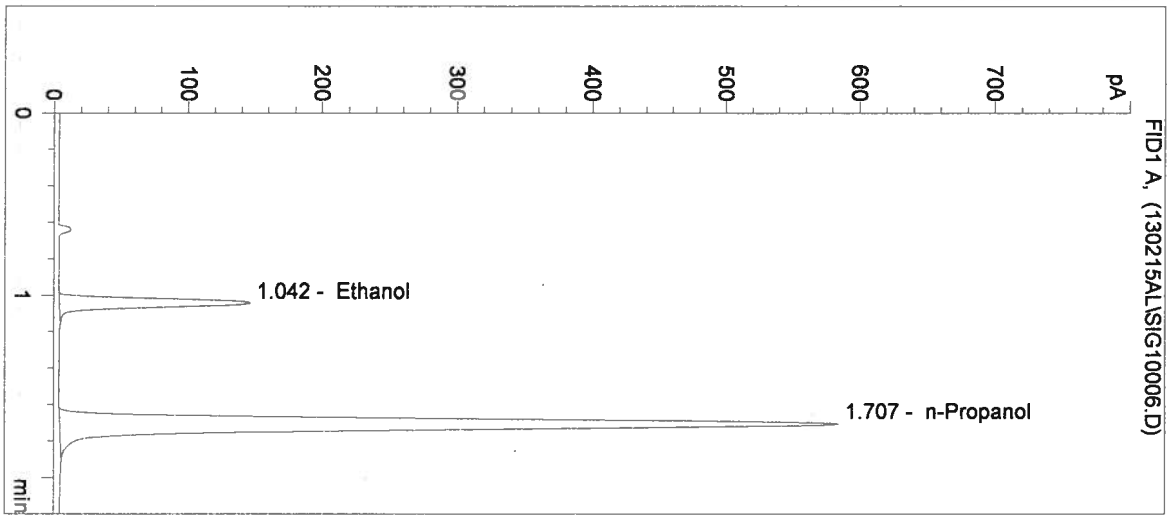
n-Propanol 0.012 g/100mL

13007

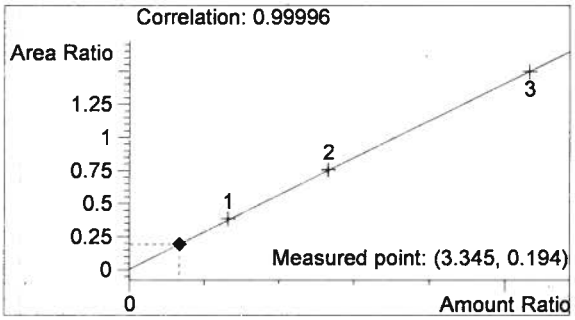
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/15/2013 12:16:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

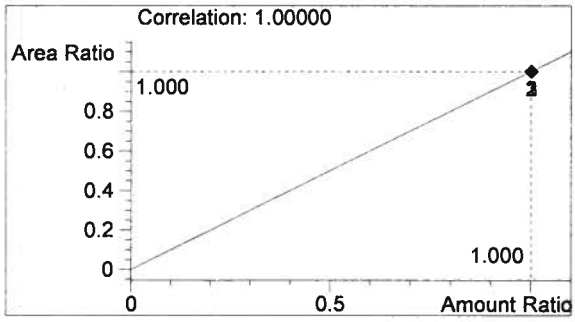
Sample Name: 0.04 ctrl al
Operator: asa louis
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	446	1.042
2	n-Propanol	2301	1.707



Ethanol 0.040 g/100mL



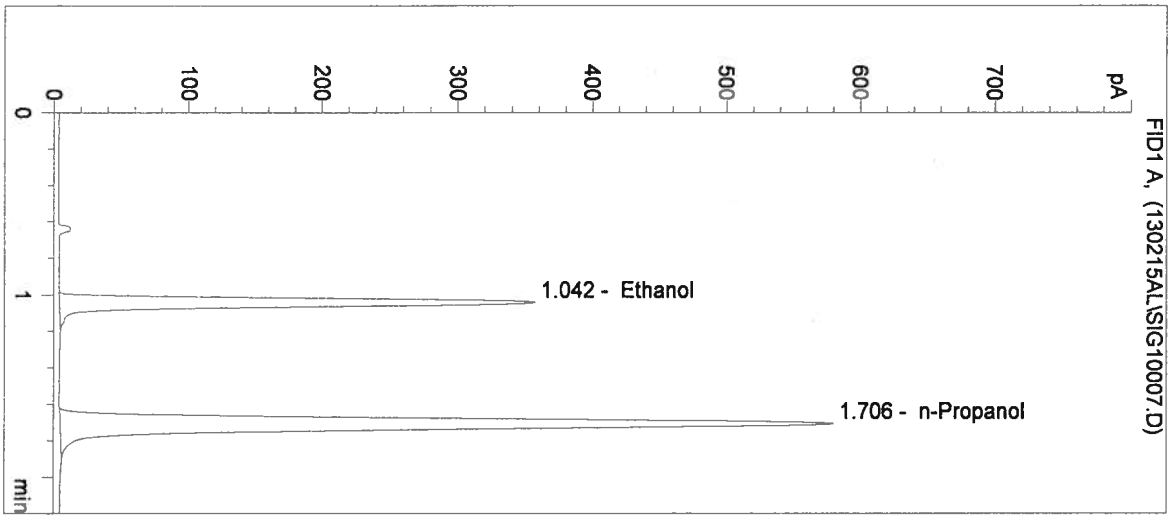
n-Propanol 0.012 g/100mL

13007

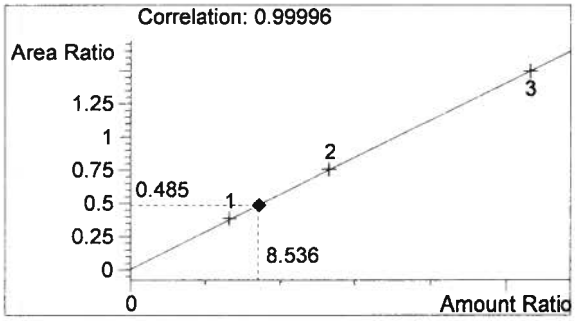
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/15/2013 12:19:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

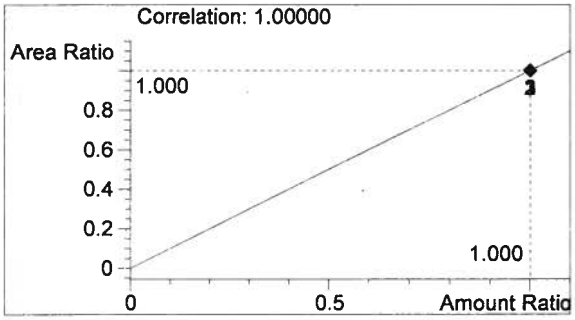
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.042
2	n-Propanol	2284	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

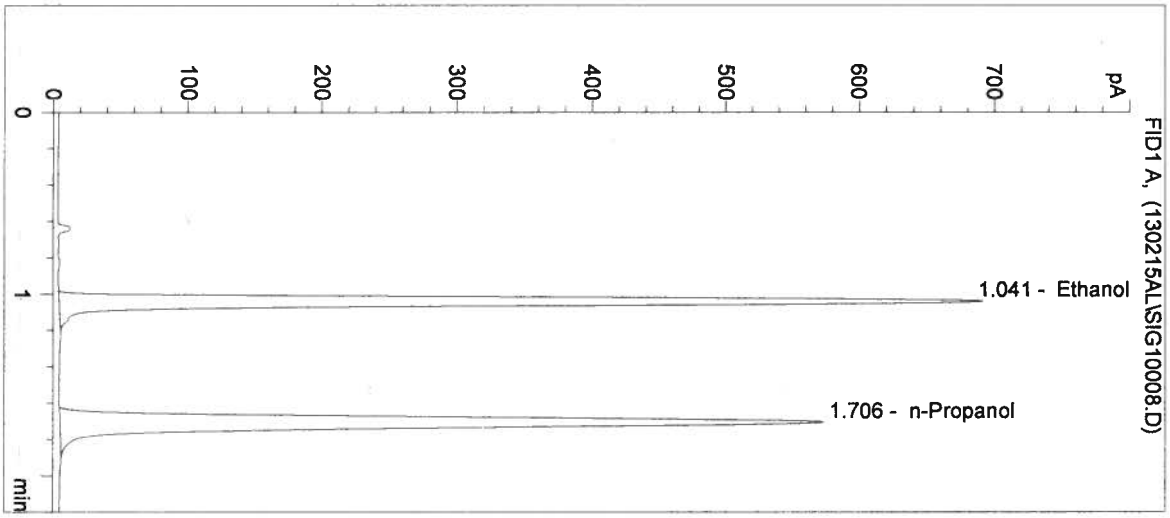
13007

AL

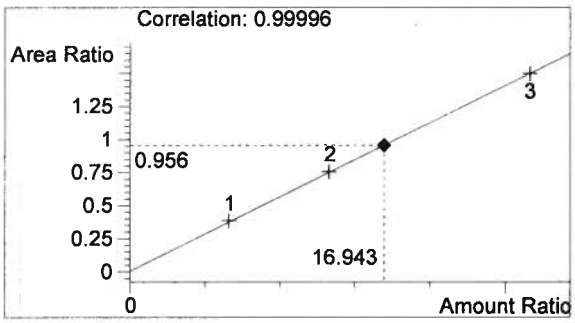
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/15/2013 12:22:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

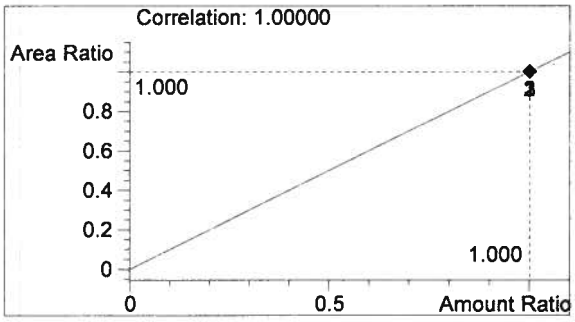
Sample Name: 0.20 ctrl al
Operator: asa louis
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2153	1.041
2	n-Propanol	2252	1.706



Ethanol 0.203 g/100mL



n-Propanol 0.012 g/100mL

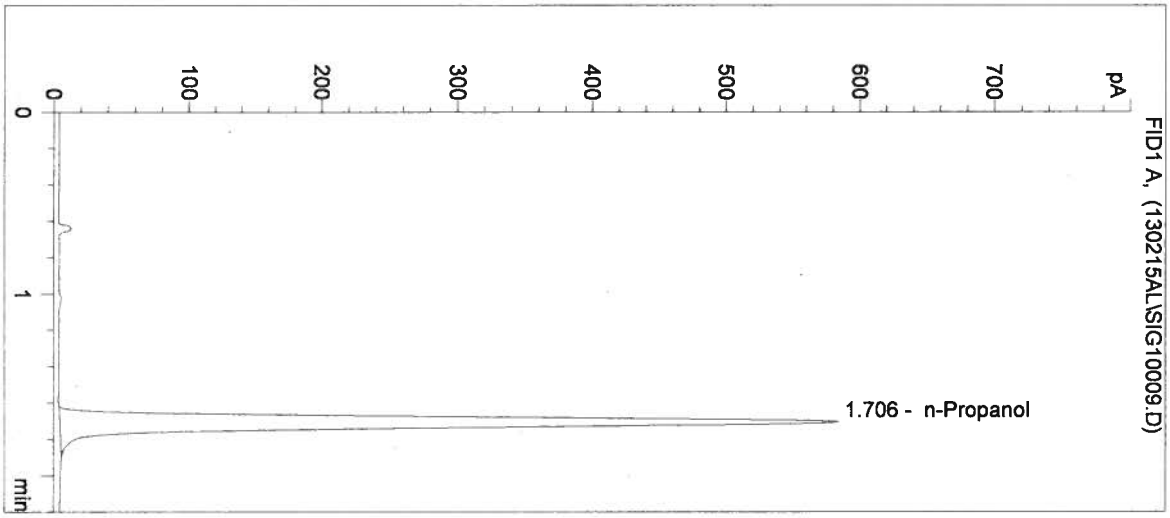
13007

AL

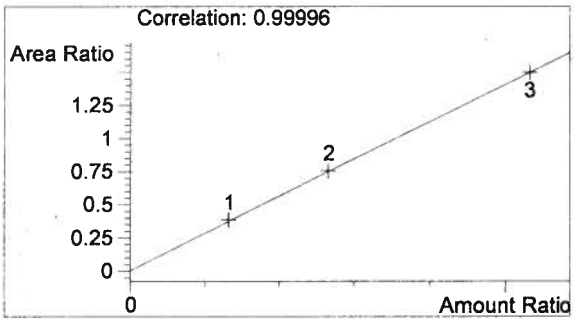
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/15/2013 12:25:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

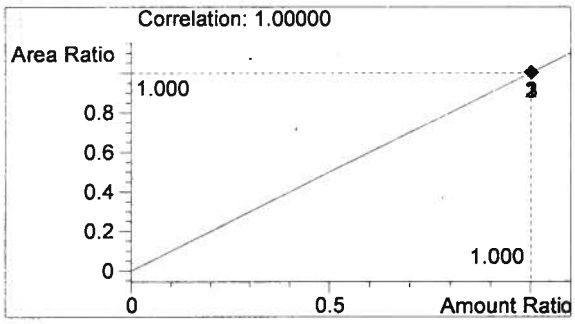
Sample Name: neg control - al
Operator: asa louis
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2304	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

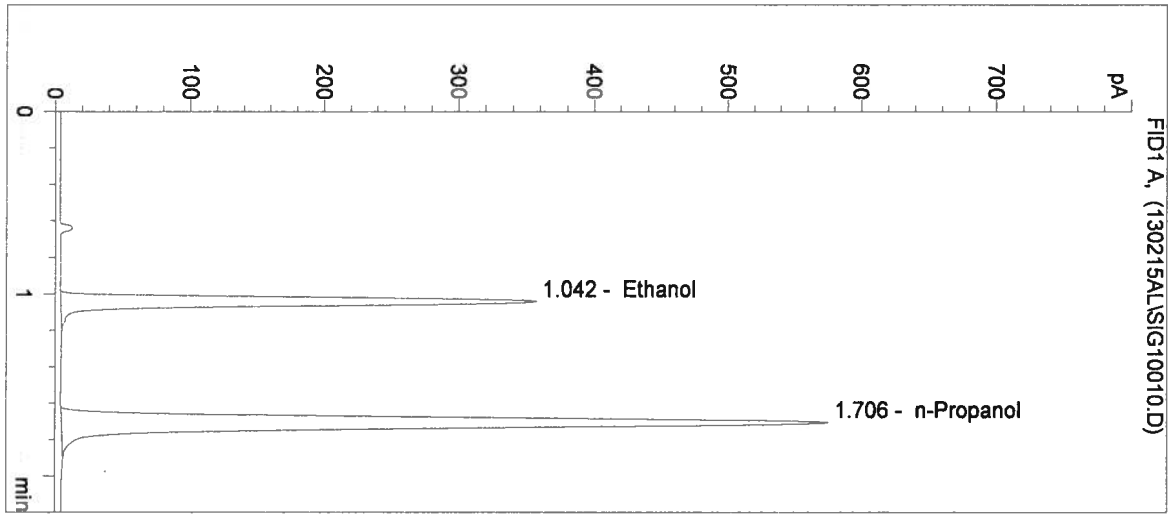
13007

AL

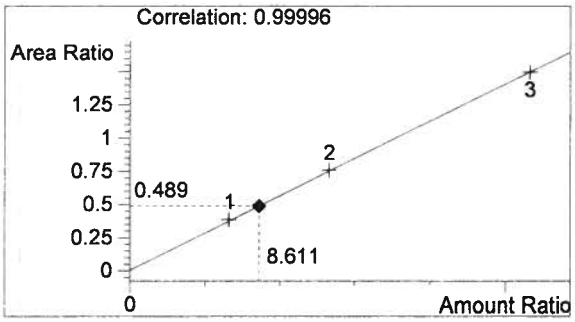
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/15/2013 12:28:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

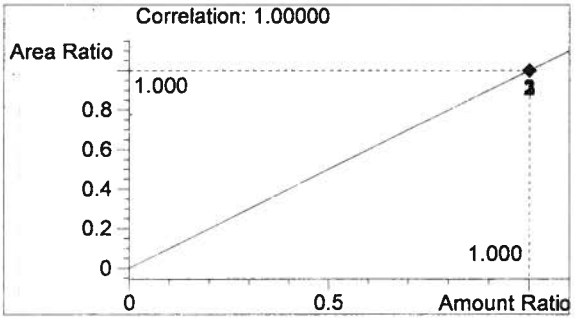
Sample Name: 13007 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.042
2	n-Propanol	2261	1.706



Ethanol 0.103 g/100mL



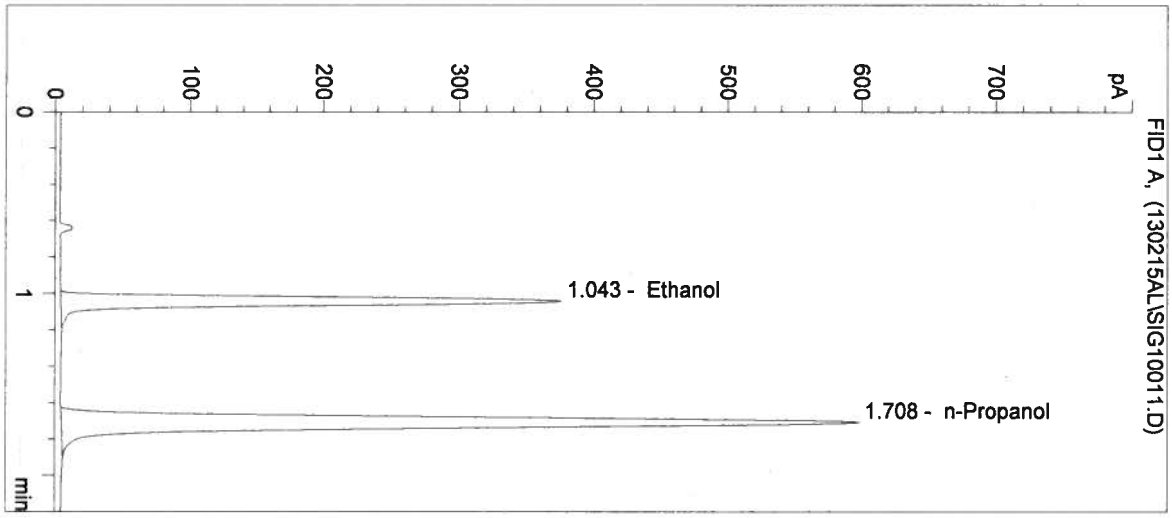
n-Propanol 0.012 g/100mL

AL

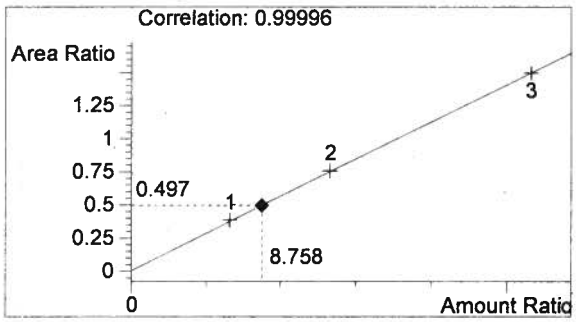
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/15/2013 12:31:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

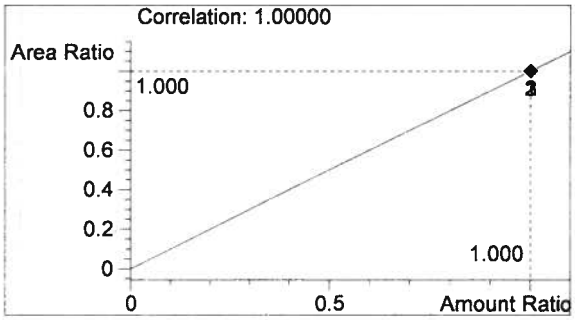
Sample Name: 13007 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1171	1.043
2	n-Propanol	2354	1.708



Ethanol 0.105 g/100mL



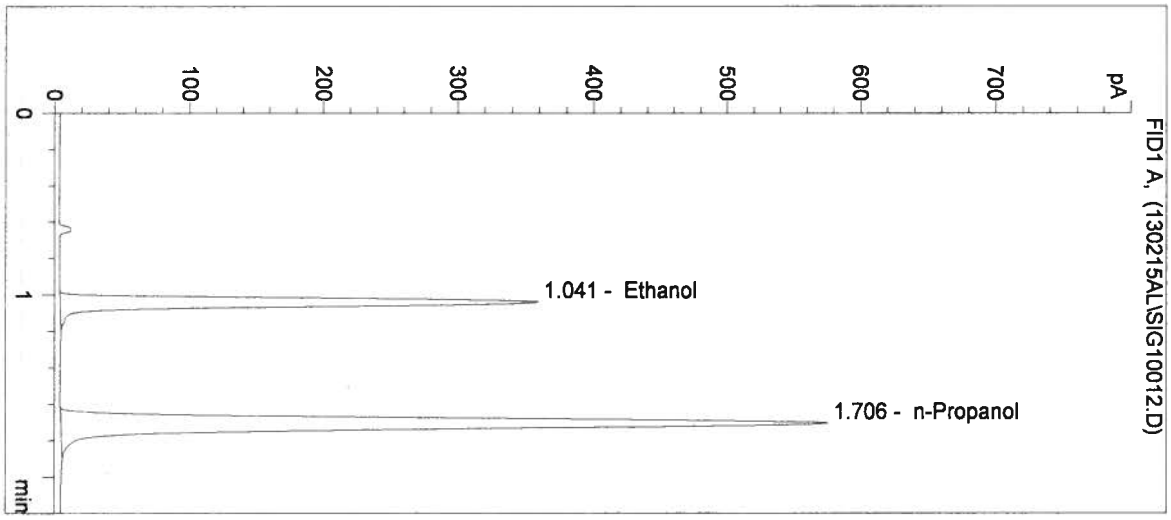
n-Propanol 0.012 g/100mL

AL

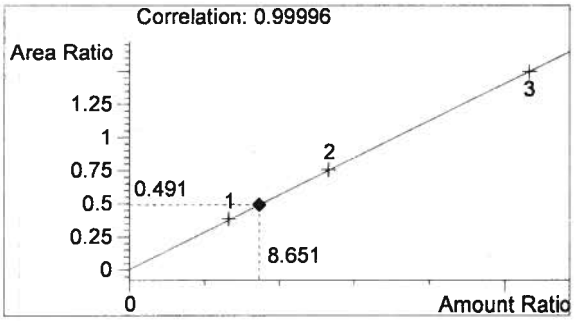
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/15/2013 12:34:34 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

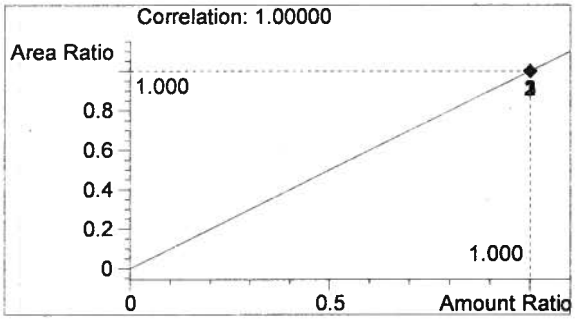
Sample Name: 13007 #3
Operator: asa louis
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.041
2	n-Propanol	2263	1.706



Ethanol 0.104 g/100mL

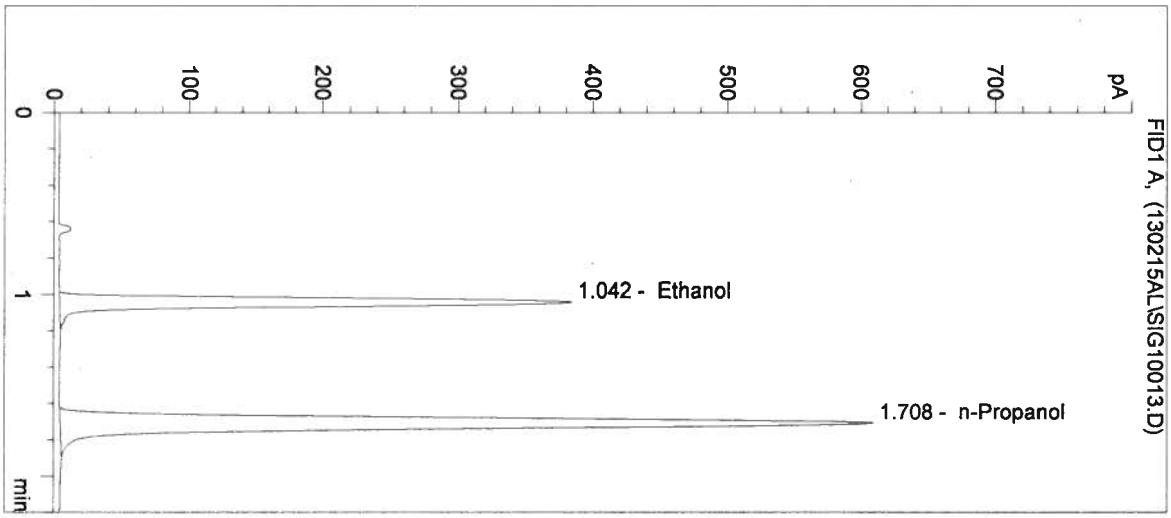


n-Propanol 0.012 g/100mL

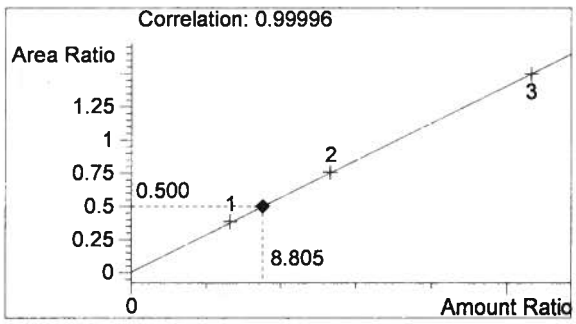
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/15/2013 12:37:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

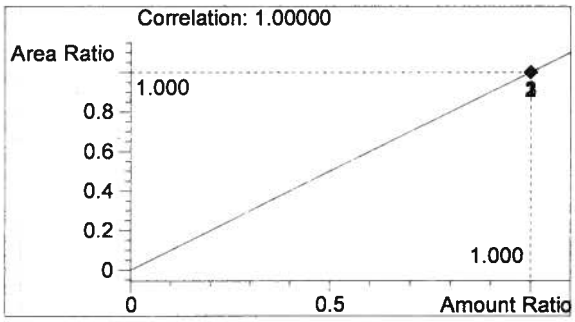
Sample Name: 13007 #4
Operator: asa louis
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1200	1.042
2	n-Propanol	2399	1.708



Ethanol 0.106 g/100mL

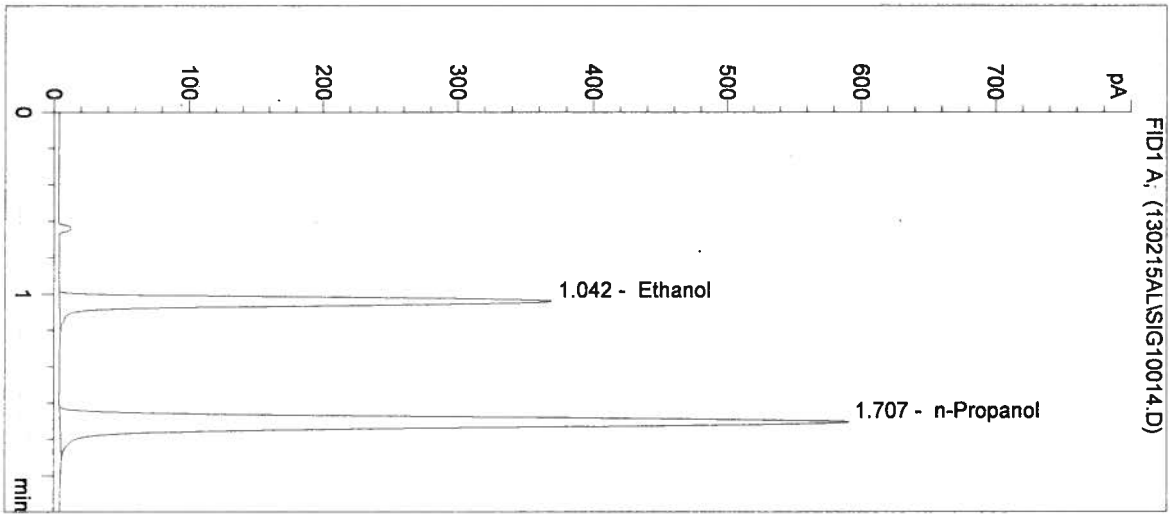


n-Propanol 0.012 g/100mL

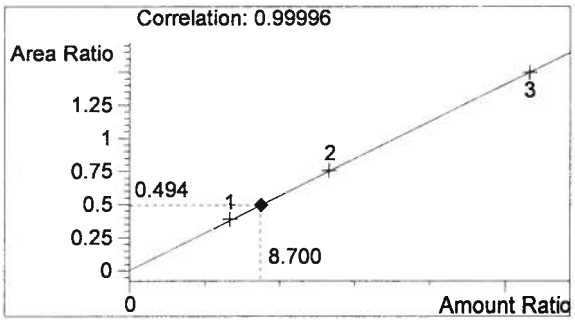
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/15/2013 12:40:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

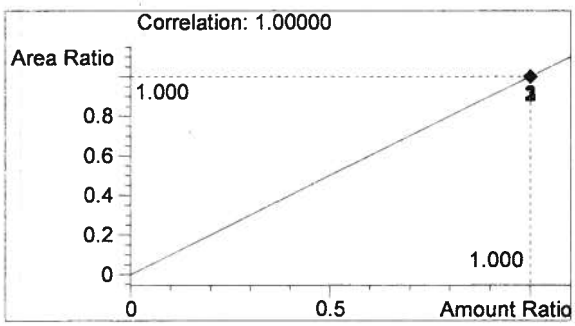
Sample Name: 13007 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1149	1.042
2	n-Propanol	2324	1.707



Ethanol 0.104 g/100mL



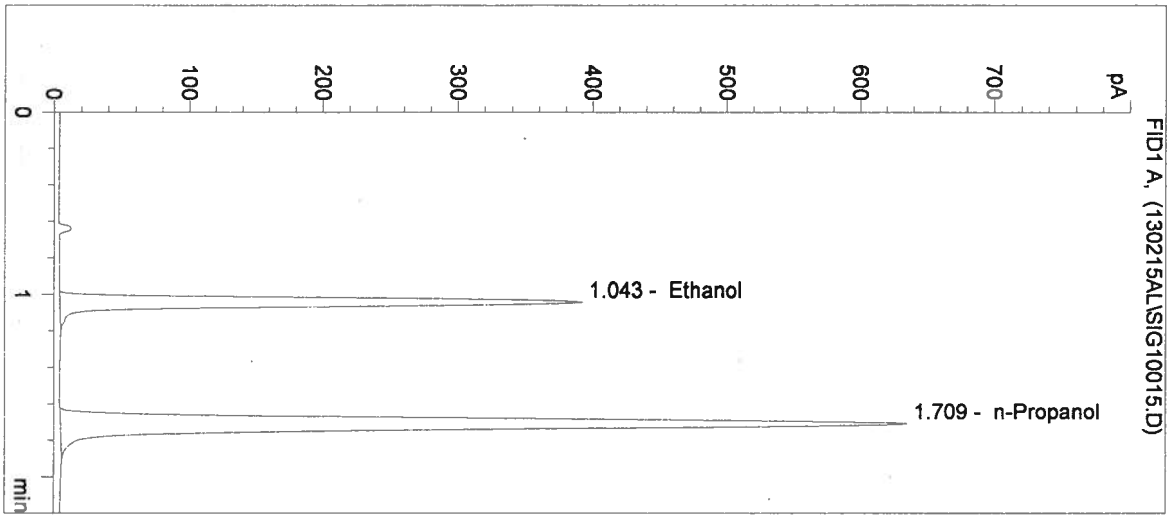
n-Propanol 0.012 g/100mL

AL

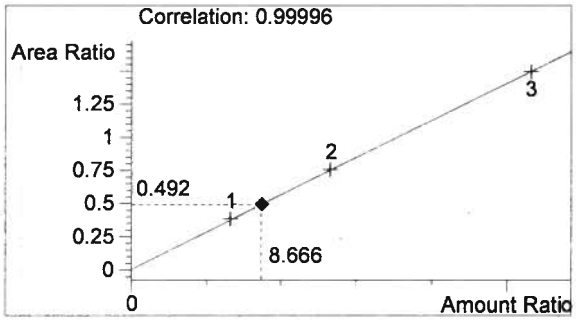
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/15/2013 12:43:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

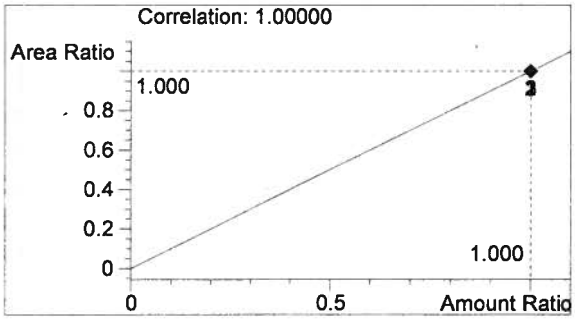
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1232	1.043
2	n-Propanol	2502	1.709



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

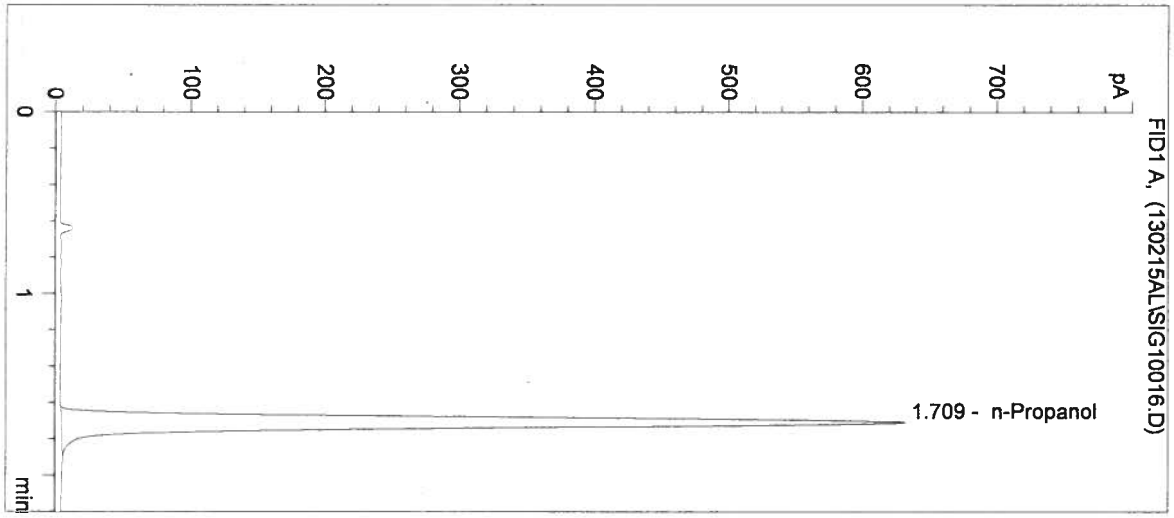
13007

AL

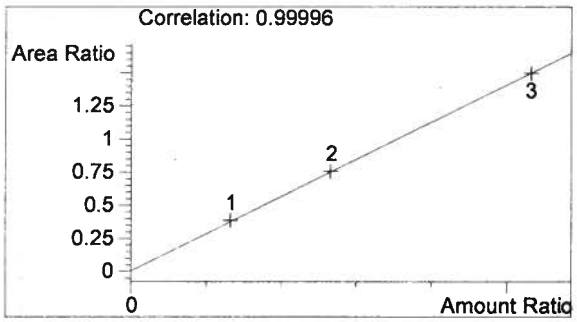
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/15/2013 12:46:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

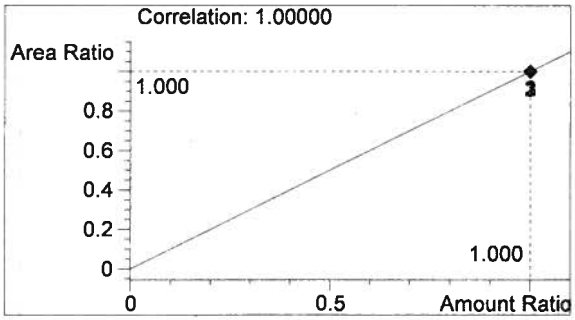
Sample Name: neg control - al
Operator: asa louis
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2490	1.709



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13007

AC

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:	130321BB
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	13007-1	SIMALC1	1	Sample		
11	Vial 11	13007-2	SIMALC1	1	Sample		
12	Vial 12	13007-3	SIMALC1	1	Sample		
13	Vial 13	13007-4	SIMALC1	1	Sample		
14	Vial 14	13007-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL BB	SIMALC1	1	Ctrl Samp		

13007

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!

13007

BB

Calibration Table

Calib. Data Modified : Thursday, March 21, 2013 12:28:24 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
1.041	1	1	7.93800e-2	849.48077	9.34453e-5	1		Ethanol
		2	1.59660e-1	1715.28650	9.30807e-5			
		3	3.19080e-1	3364.62061	9.48339e-5			
1.706	1	1	1.20000e-2	2235.63184	5.36761e-6	I1		n-Propanol
		2	1.20000e-2	2254.58740	5.32248e-6			
		3	1.20000e-2	2241.00342	5.35474e-6			

Peak Sum Table

No Entries in table

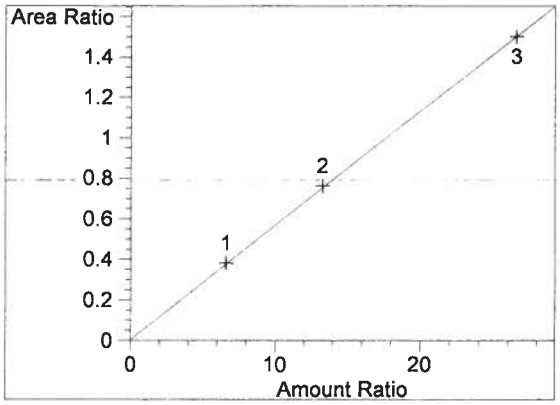
13007

BB

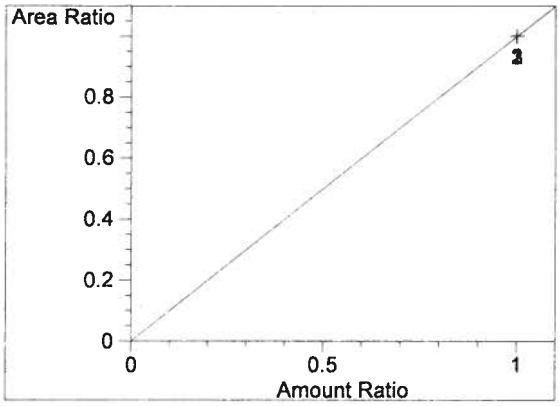
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00583
Formula: y = mx + b
m: 5.64221e-2
b: 4.49218e-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

==========

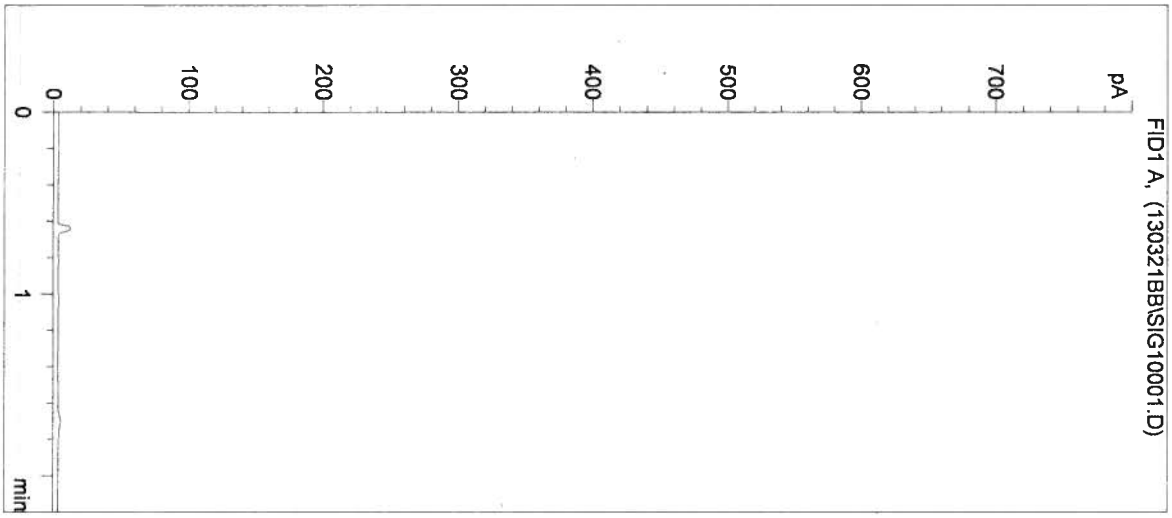
13007

BB

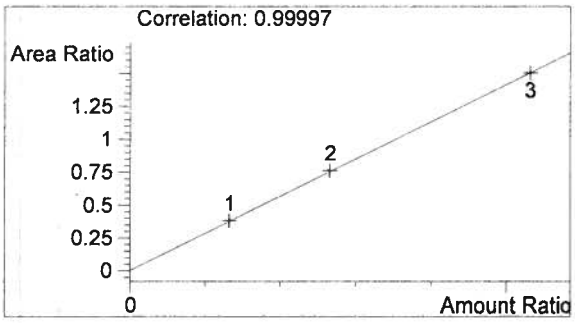
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2013 12:16:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

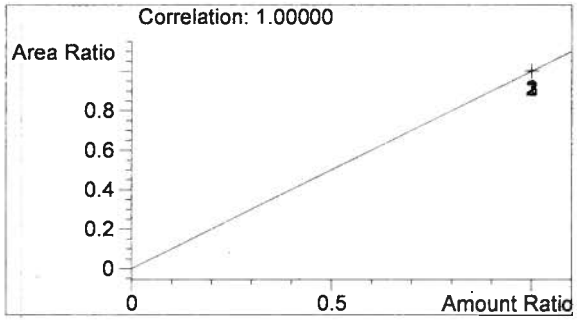
Sample Name: BLANK
Operator: Brittany Ball
Location: Vial 1



#	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

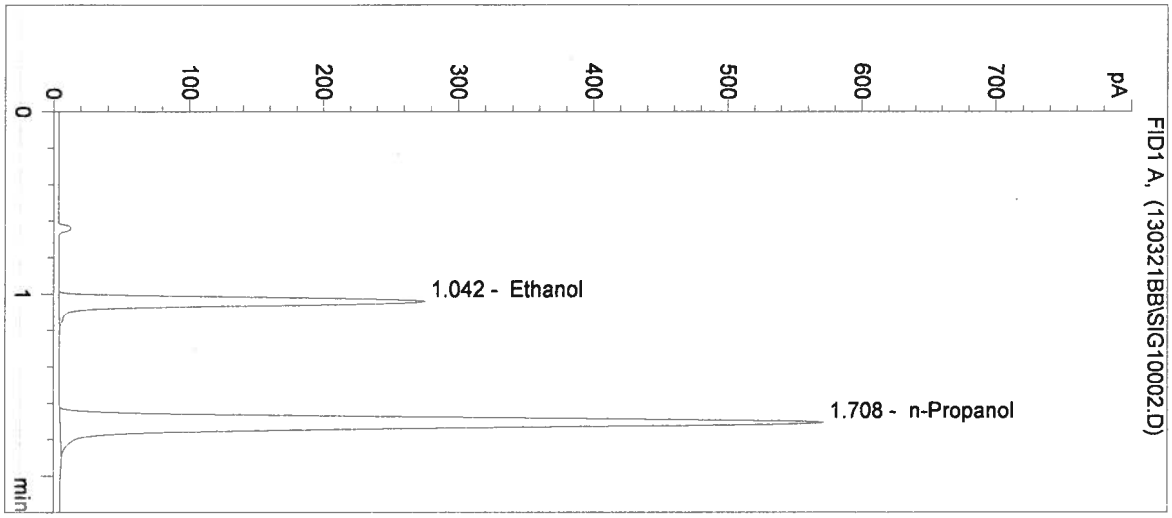
13007

BB

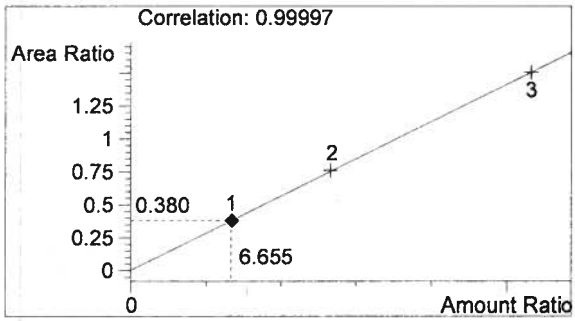
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2013 12:20:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

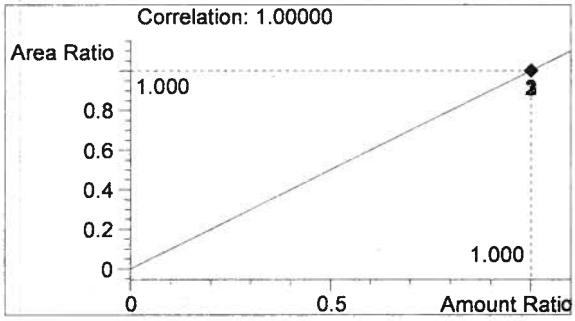
Sample Name: 0.079 CAL
Operator: Brittany Ball
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	849	1.042
2	n-Propanol	2236	1.708



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

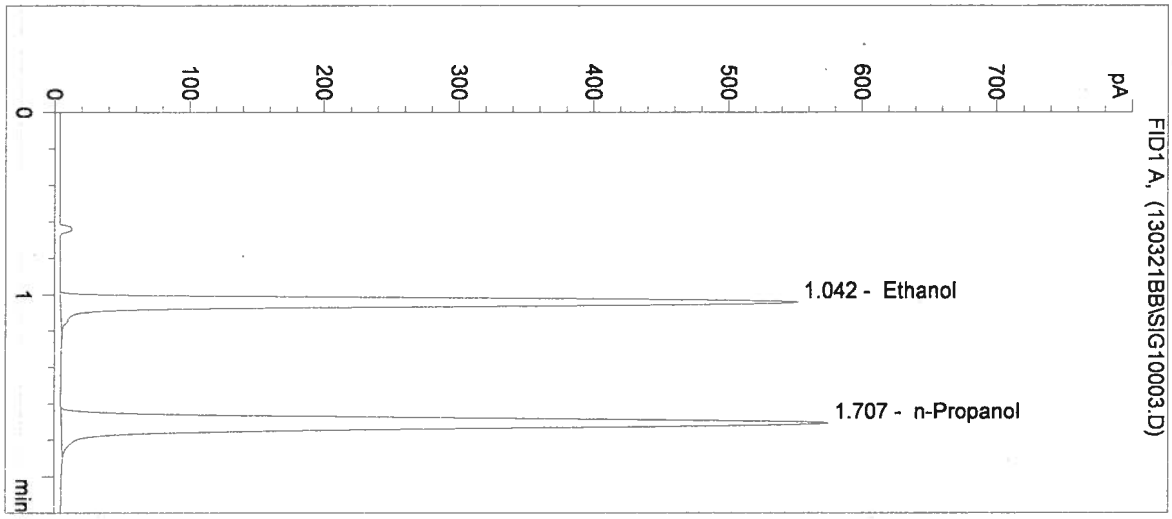
13007

BB

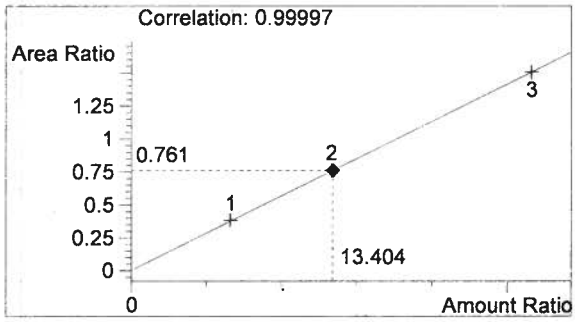
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2013 12:23:06 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

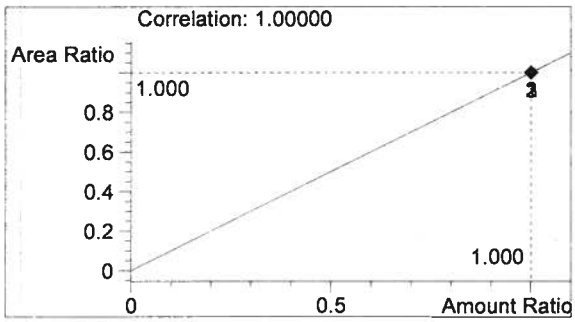
Sample Name: 0.158 CAL
Operator: Brittany Ball
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1715	1.042
2	n-Propanol	2255	1.707



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

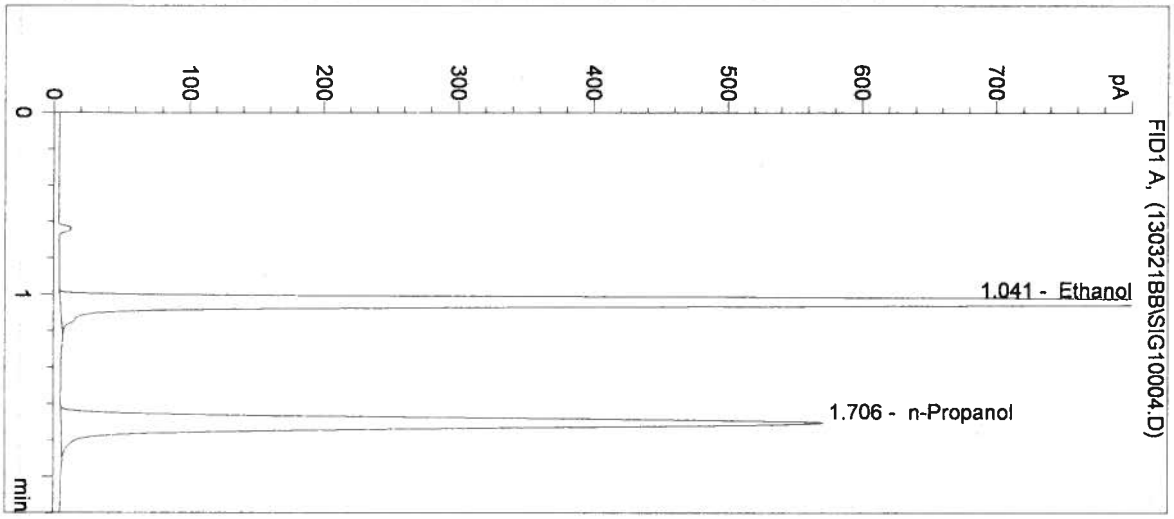
13007

BB

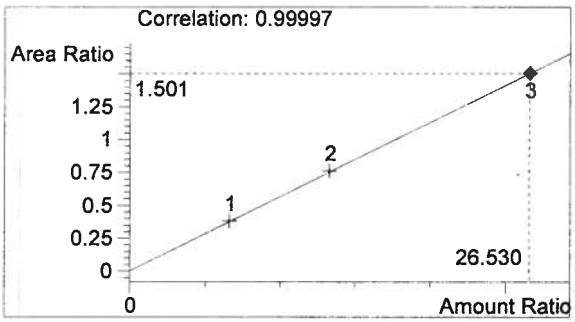
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2013 12:26:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

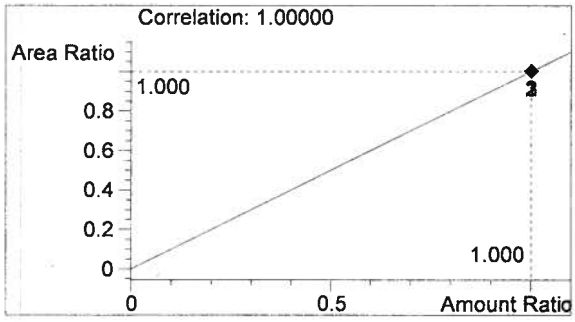
Sample Name: 0.316 CAL
Operator: Brittany Ball
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3365	1.041
2	n-Propanol	2241	1.706



Ethanol 0.318 g/100mL



n-Propanol 0.012 g/100mL

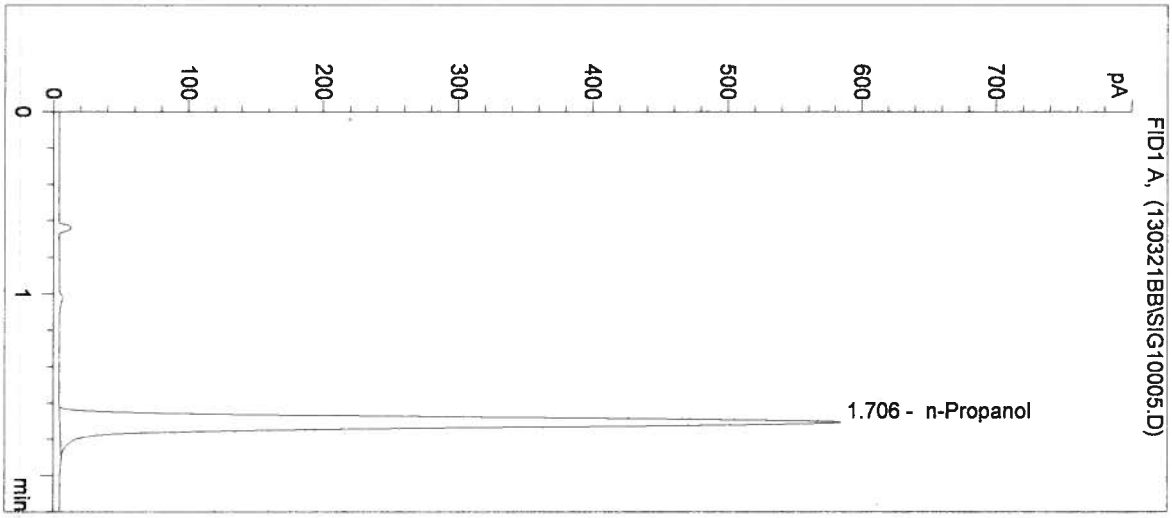
13007

BB

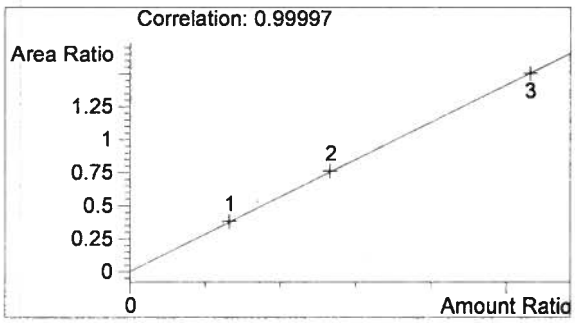
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2013 12:29:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

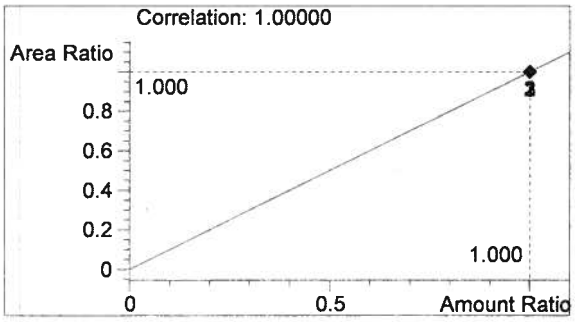
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2304	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13007

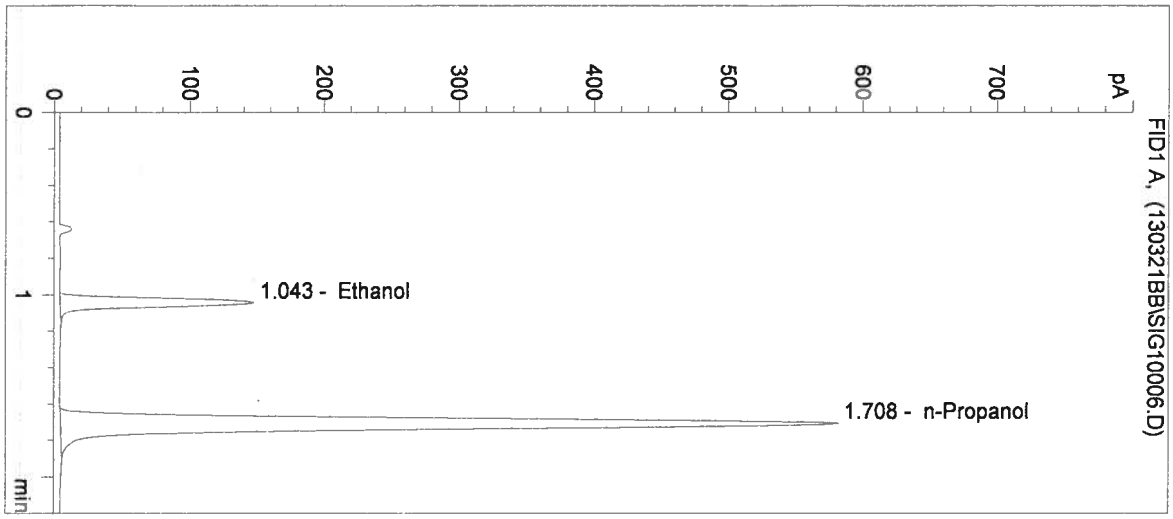
Data File: C:\HPCHEM\1\DATA\130321BB\SIG10005.D

BB

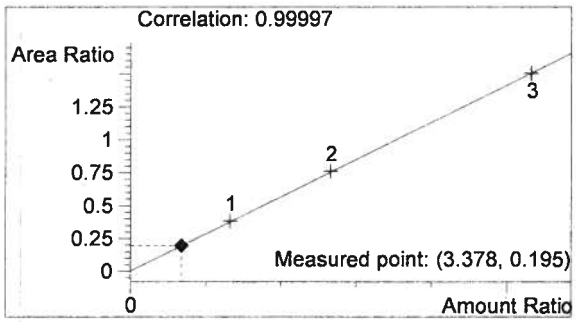
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2013 12:32:21 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

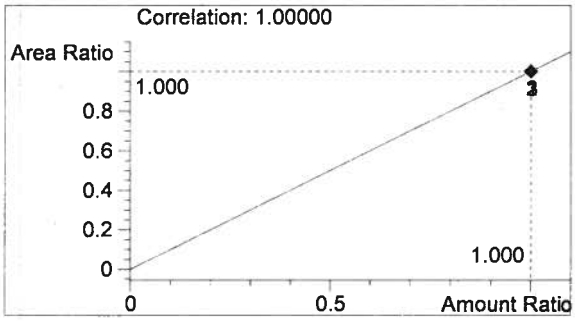
Sample Name: 0.04 CTRL BB
Operator: Brittany Ball
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	447	1.043
2	n-Propanol	2289	1.708



Ethanol 0.041 g/100mL



n-Propanol 0.012 g/100mL

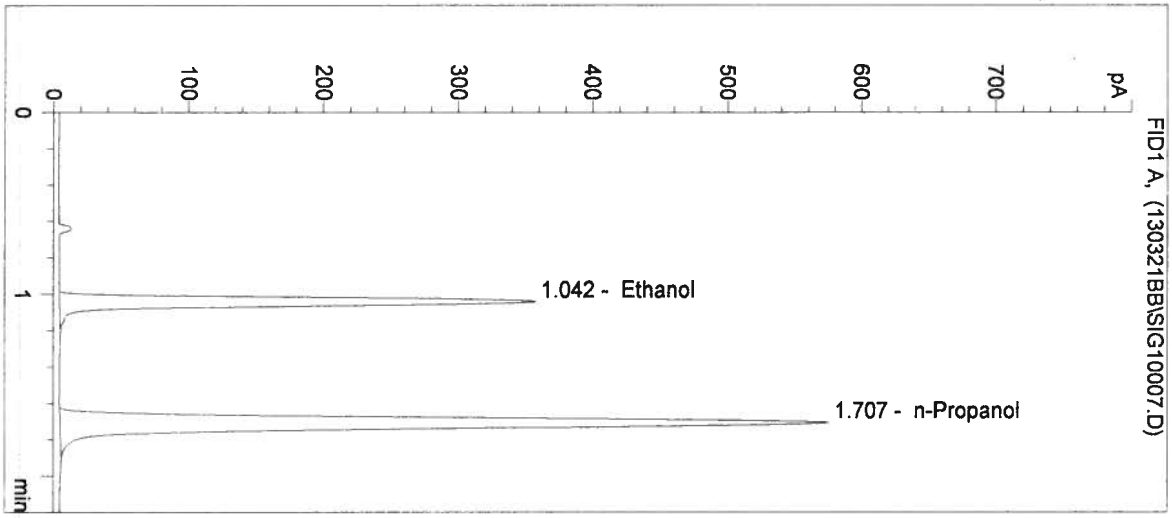
13007

BB

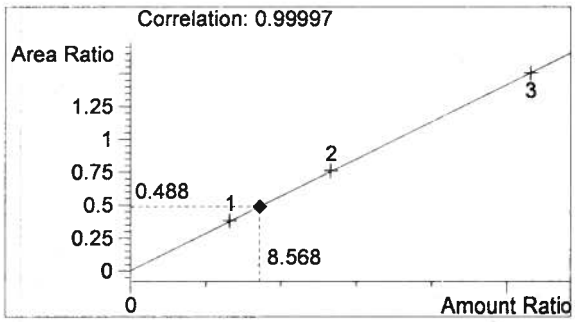
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2013 12:35:25 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

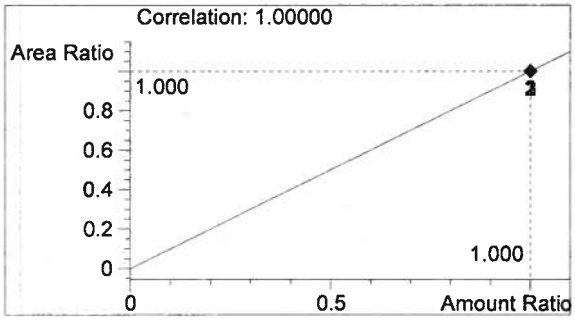
Sample Name: 0.10 CTRL BB
Operator: Brittany Ball
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1103	1.042
2	n-Propanol	2261	1.707



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

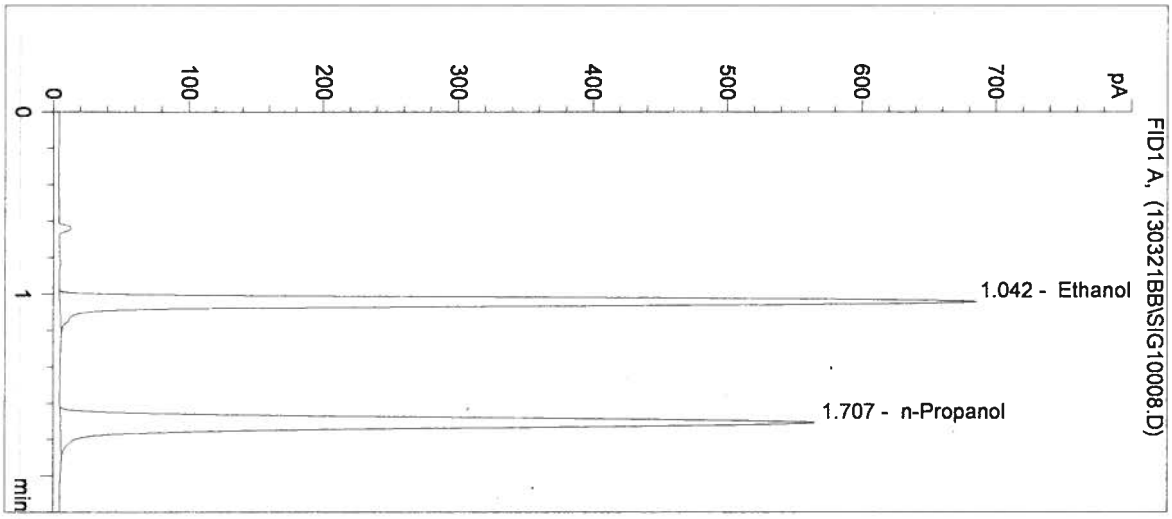
13007

BB

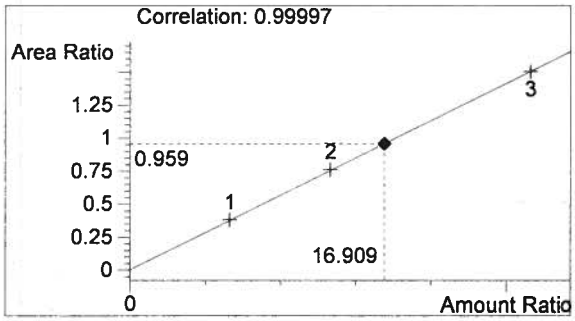
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2013 12:38:30 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

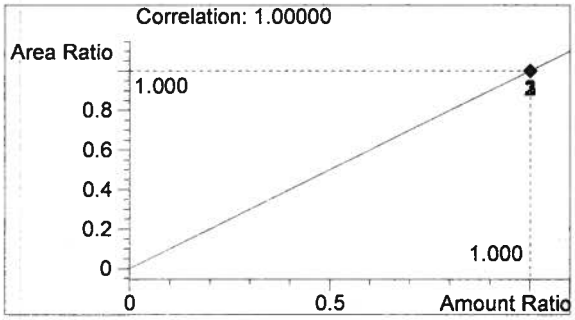
Sample Name: 0.20 CTRL BB
Operator: Brittany Ball
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2129	1.042
2	n-Propanol	2221	1.707



Ethanol 0.203 g/100mL



n-Propanol 0.012 g/100mL

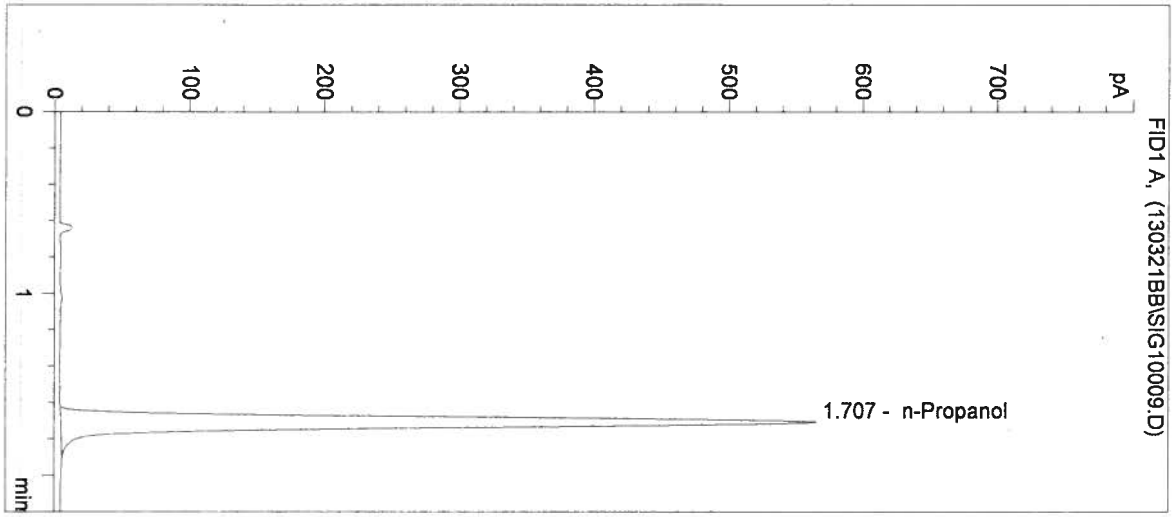
13007

BB

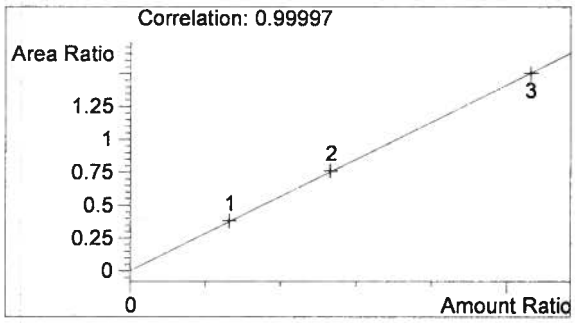
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2013 12:41:35 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

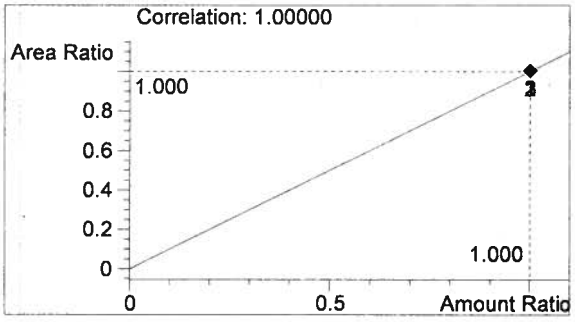
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2216	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

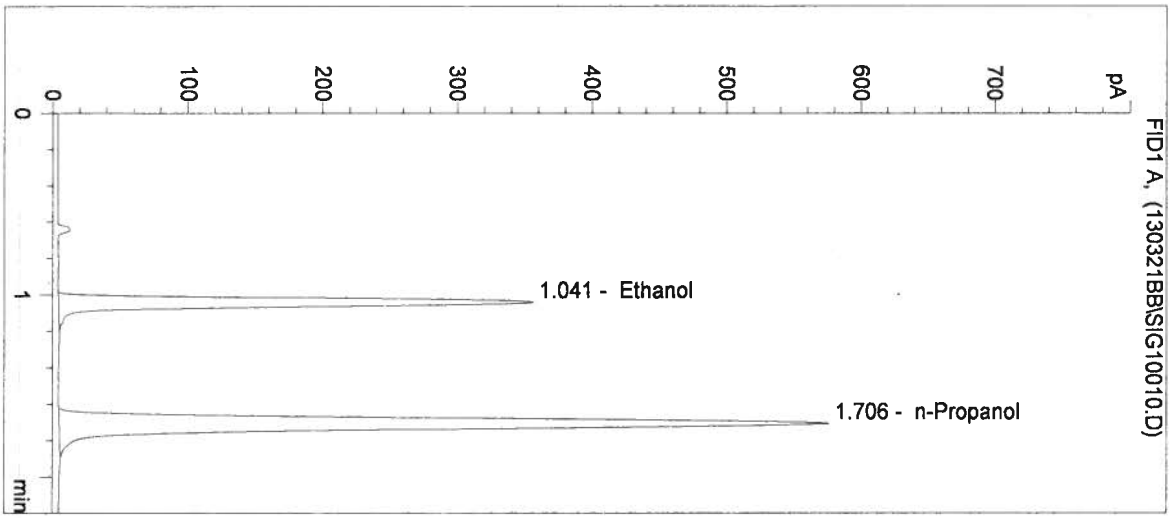
13007

BB

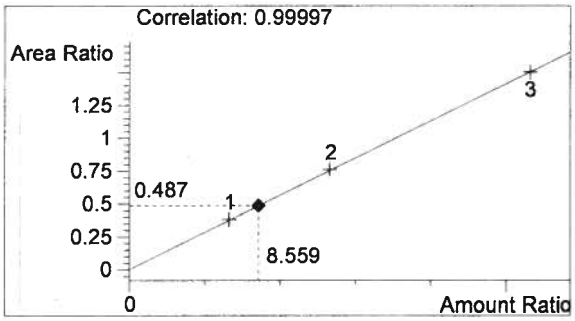
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2013 12:44:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

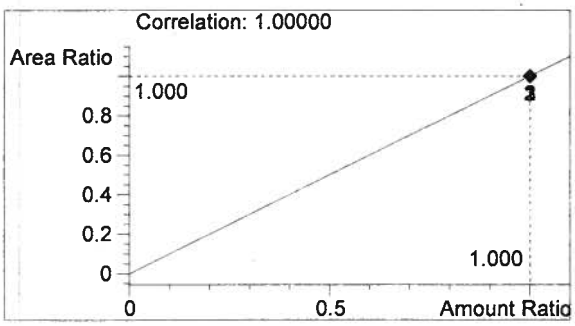
Sample Name: 13007-1
Operator: Brittany Ball
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1107	1.041
2	n-Propanol	2270	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

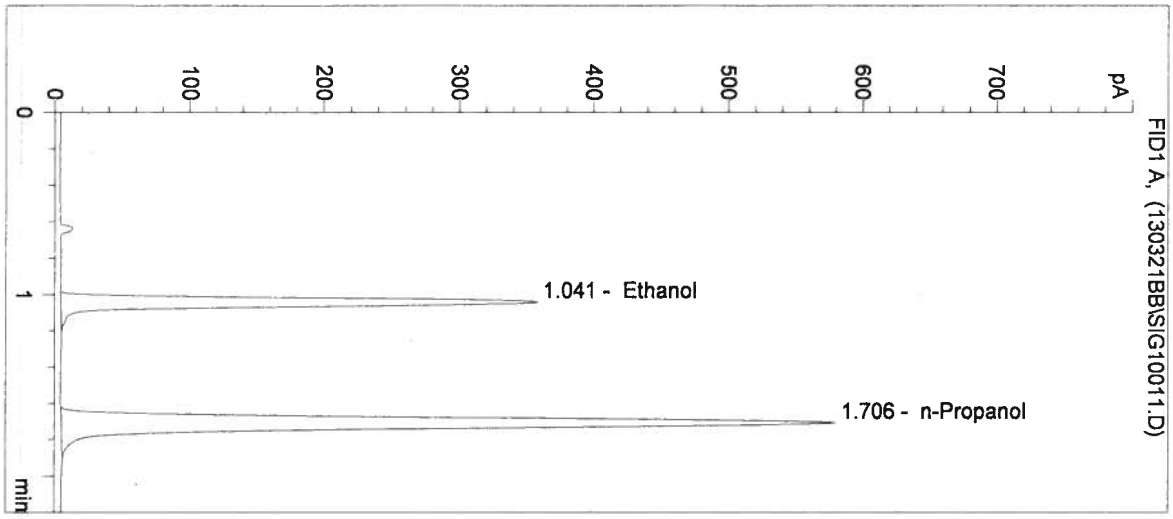
Data File: C:\HPCHEM\1\DATA\130321BB\SIG10010.D

BB

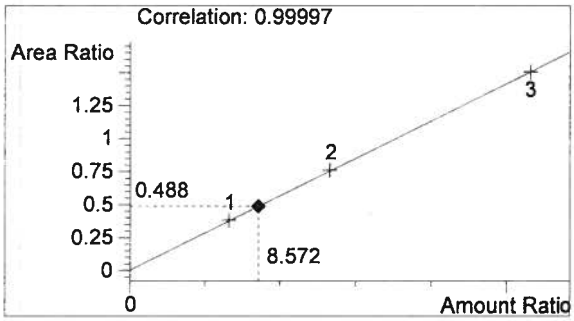
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2013 12:47:44 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

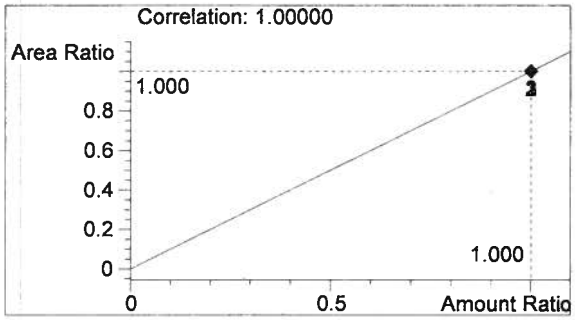
Sample Name: 13007-2
Operator: Brittany Ball
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.041
2	n-Propanol	2285	1.706



Ethanol 0.103 g/100mL



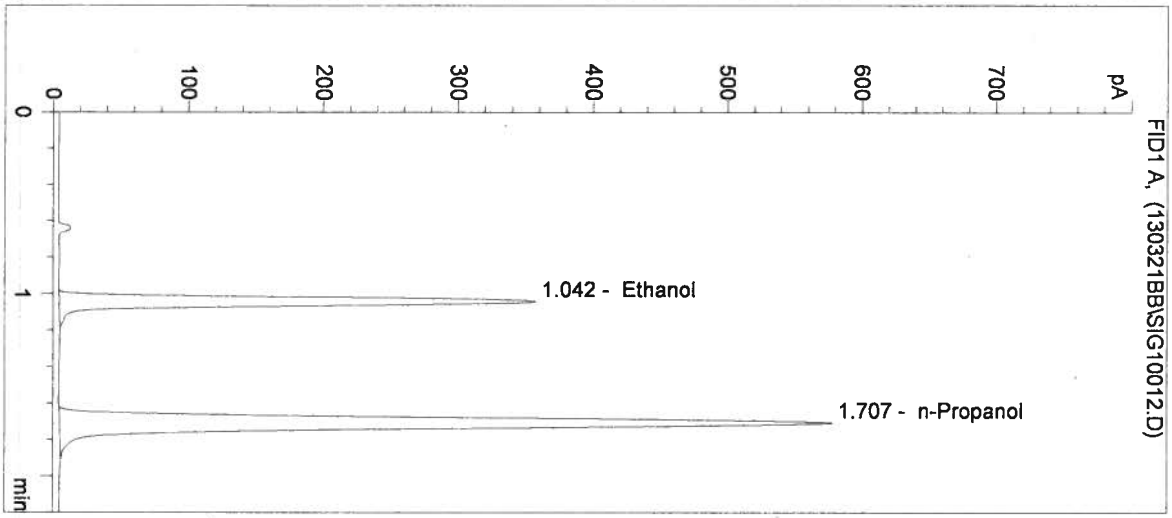
n-Propanol 0.012 g/100mL

BB

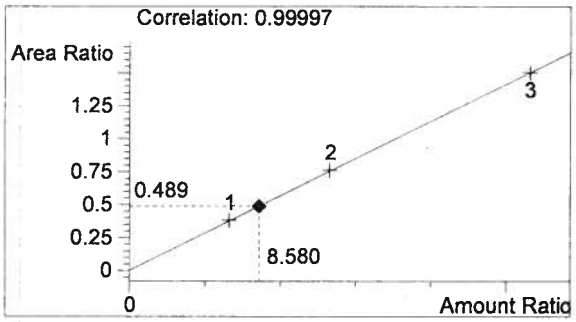
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2013 12:50:49 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

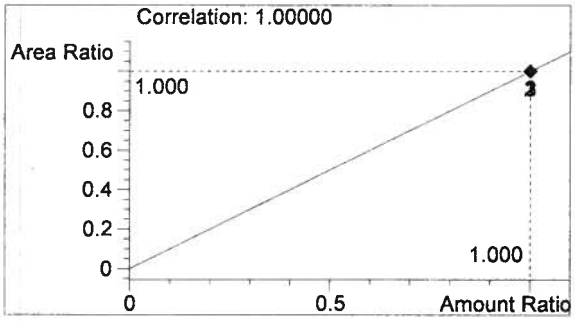
Sample Name: 13007-3
Operator: Brittany Ball
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1116	1.042
2	n-Propanol	2283	1.707



Ethanol 0.103 g/100mL



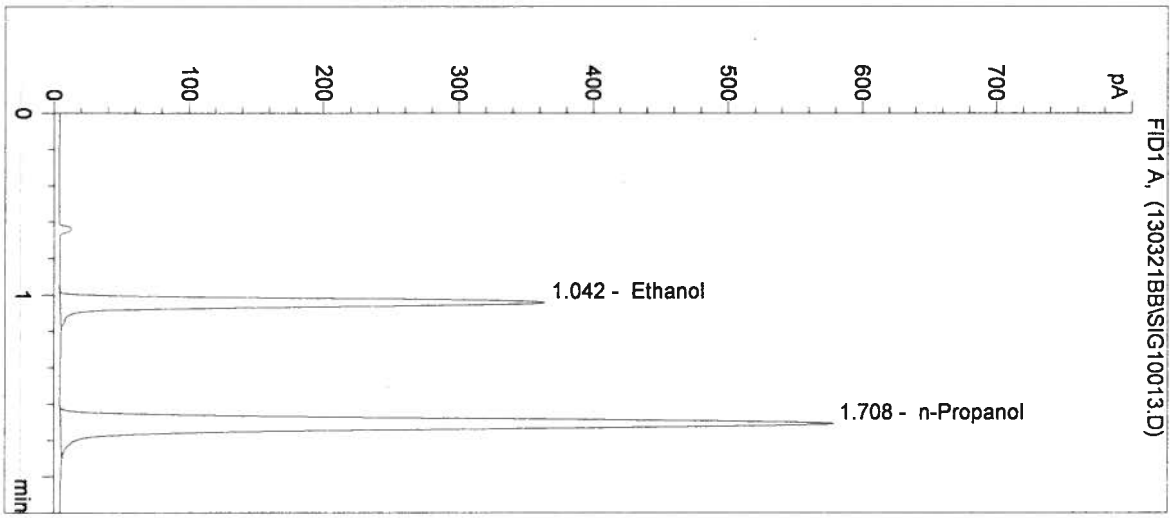
n-Propanol 0.012 g/100mL

BB

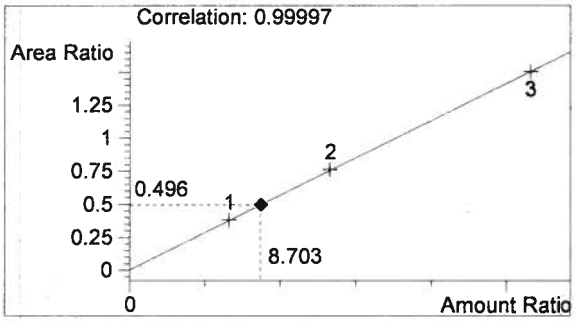
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2013 12:53:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

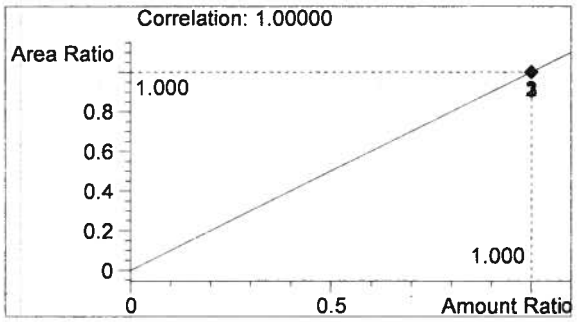
Sample Name: 13007-4
Operator: Brittany Ball
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1123	1.042
2	n-Propanol	2267	1.708



Ethanol 0.104 g/100mL



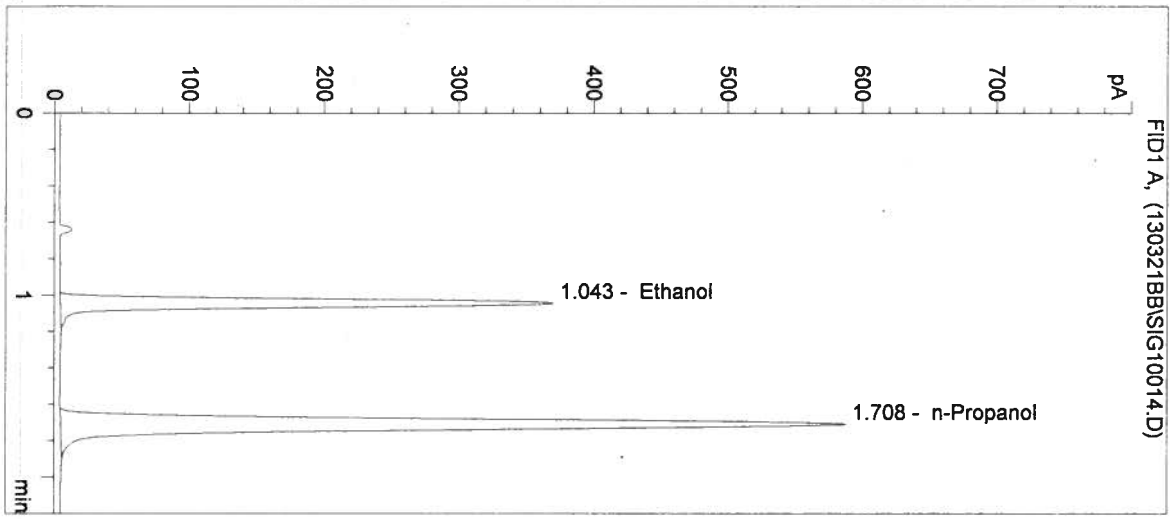
n-Propanol 0.012 g/100mL

BB

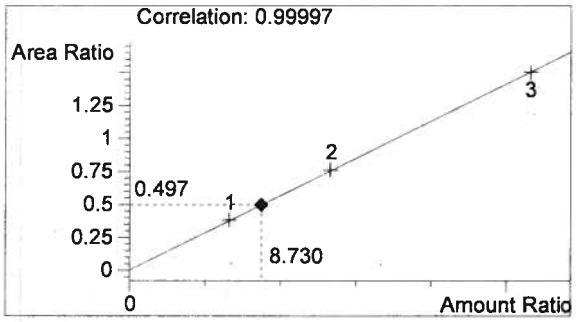
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2013 12:56:58 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

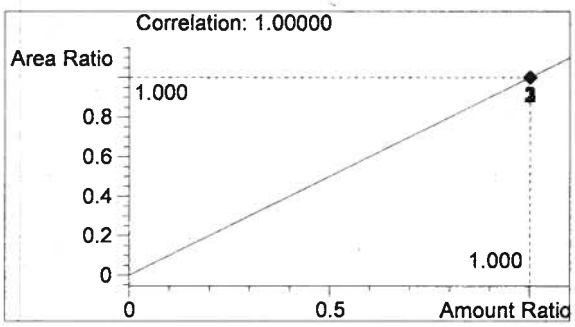
Sample Name: 13007-5
Operator: Brittany Ball
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1146	1.043
2	n-Propanol	2305	1.708



Ethanol 0.105 g/100mL



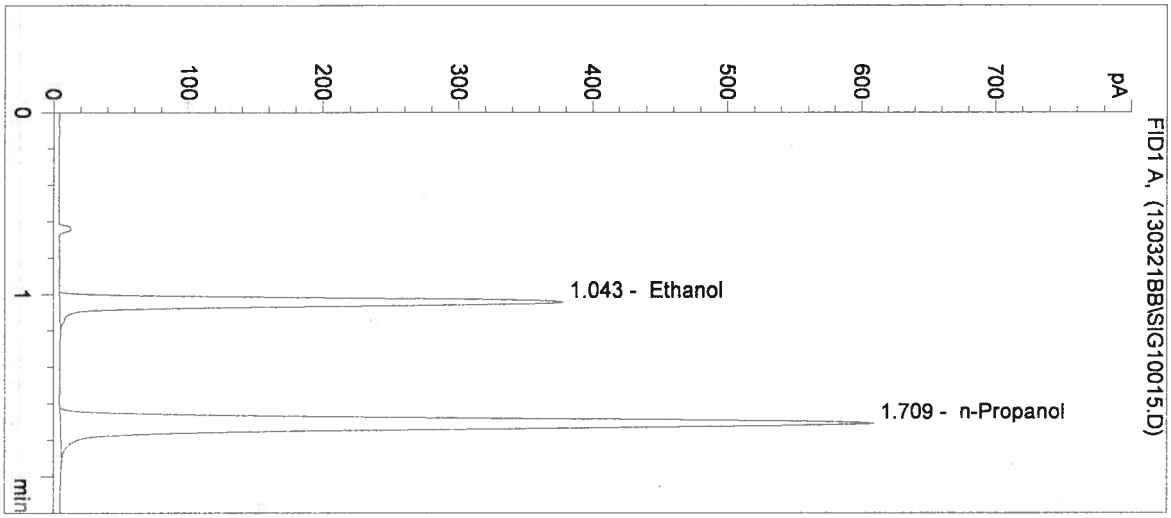
n-Propanol 0.012 g/100mL

BB

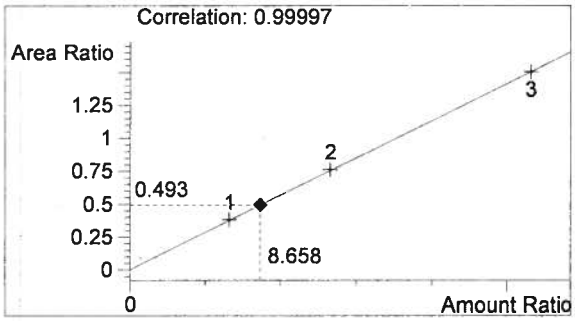
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2013 1:00:03 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

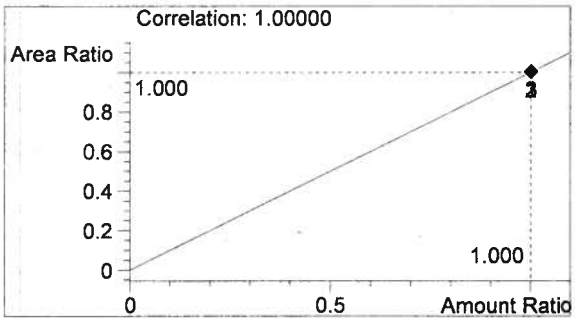
Sample Name: 0.10 CTRL BB
Operator: Brittany Ball
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1178	1.043
2	n-Propanol	2390	1.709



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

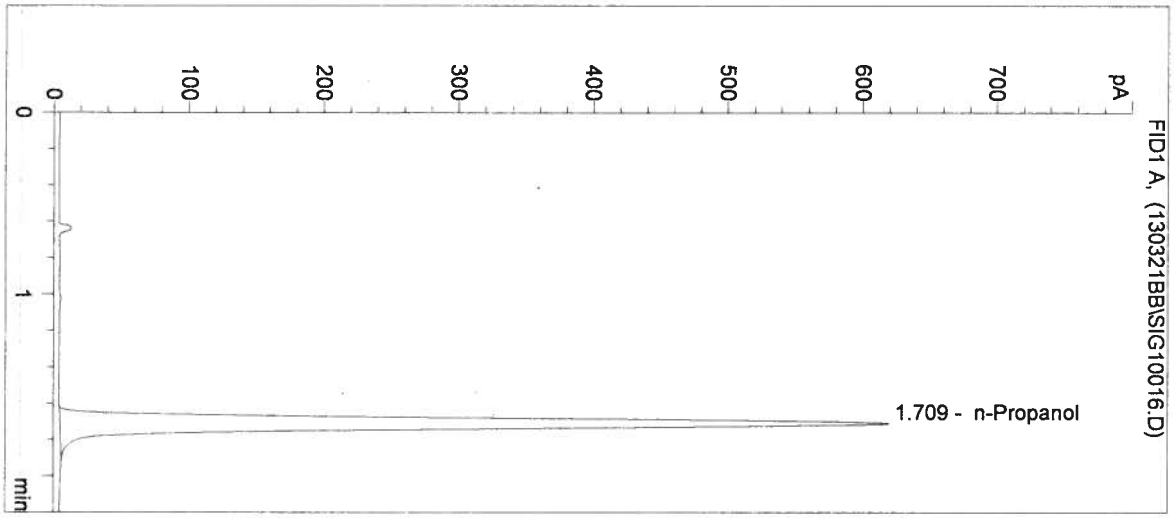
13007

BB

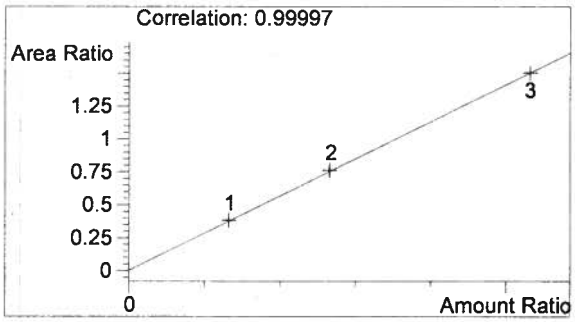
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2013 1:03:08 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

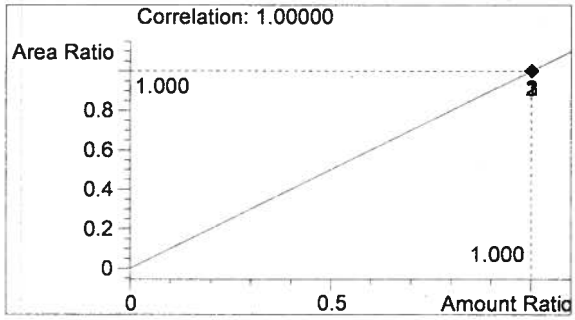
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2438	1.709



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13007

BB

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:	130322RF
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	13007 #1	SIMALC1	1	Sample		
11	Vial 11	13007 #2	SIMALC1	1	Sample		
12	Vial 12	13007 #3	SIMALC1	1	Sample		
13	Vial 13	13007 #4	SIMALC1	1	Sample		
14	Vial 14	13007 #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		

13007

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\RFEXTSTD.S

Sequence Table (Back Injector):

No entries - empty table!

13007

RG

Calibration Table

Calib. Data Modified : Friday, March 22, 2013 9:54:04 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
1.041	1	1	7.93800e-2	850.08917	9.33784e-5	1		Ethanol
		2	1.59660e-1	1748.52063	9.13115e-5			
		3	3.19080e-1	3317.97046	9.61672e-5			
1.706	1	1	1.20000e-2	2245.06470	5.34506e-6	I1		n-Propanol
		2	1.20000e-2	2305.26953	5.20547e-6			
		3	1.20000e-2	2212.31323	5.42419e-6			

Peak Sum Table

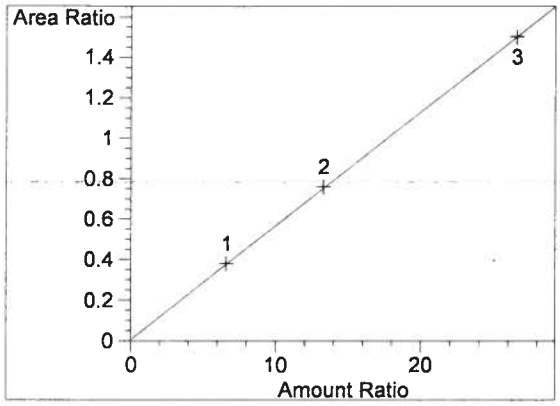
No Entries in table

E 1 3 0 0 7

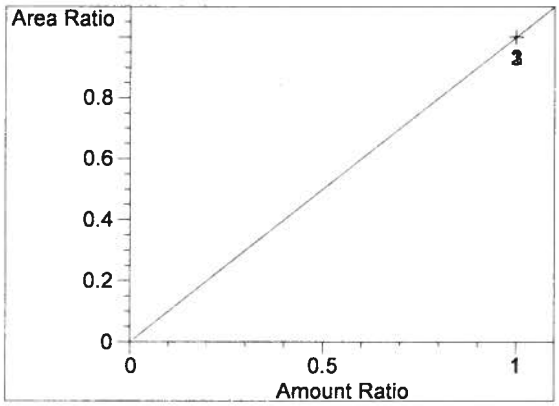
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00493
Formula: y = mx + b
m: 5.63668e-2
b: 3.82258e-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

==========

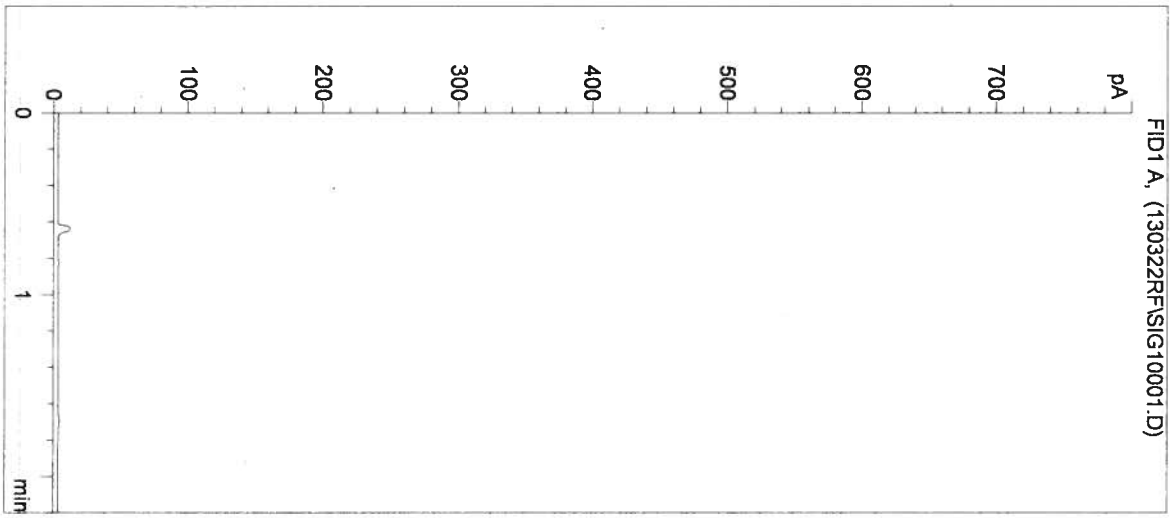
13007

RF

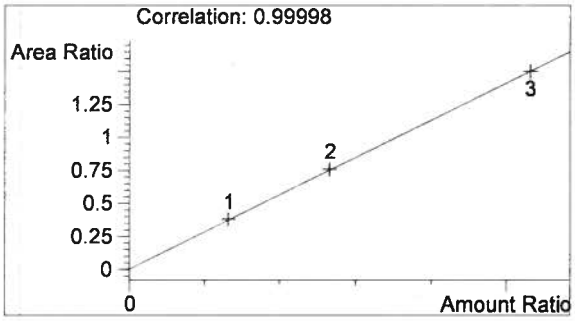
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 9:42:37 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

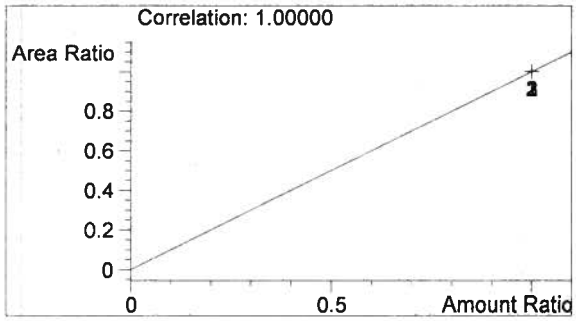
Sample Name: BLANK
Operator: Rebecca Flaherty
Location: Vial 1



#	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

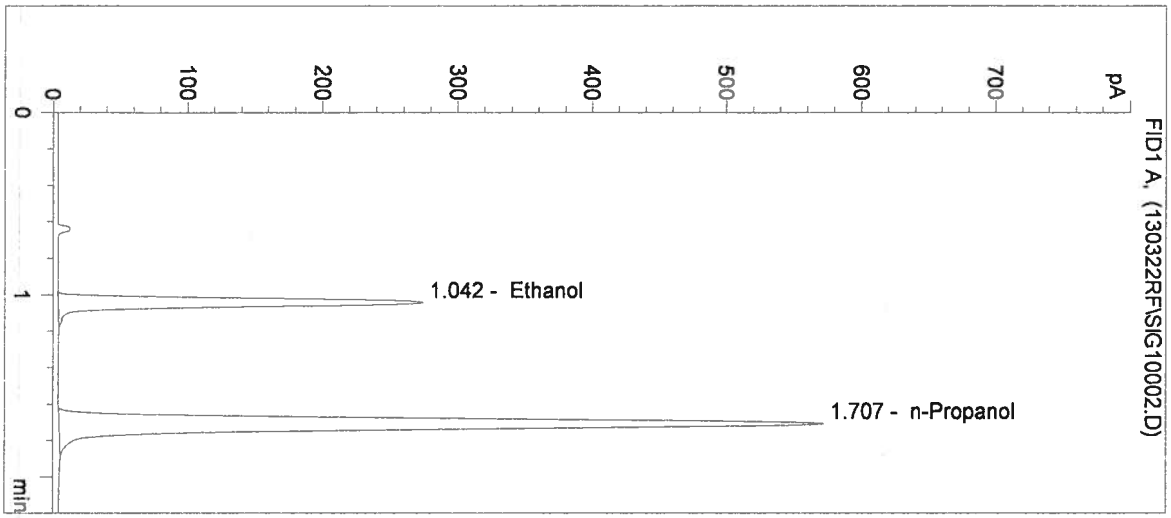
13007

RF

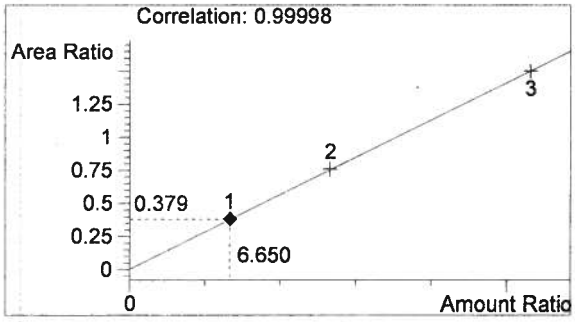
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 9:45:42 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

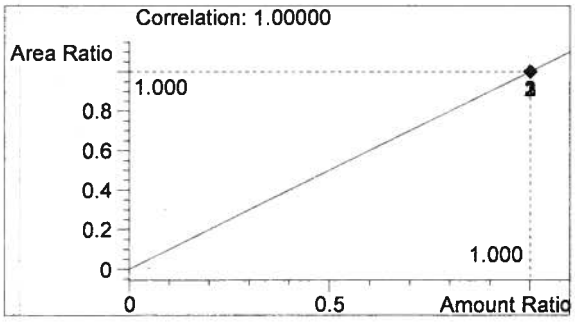
Sample Name: 0.079 CAL 1
Operator: Rebecca Flaherty
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	850	1.042
2	n-Propanol	2245	1.707



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

13007

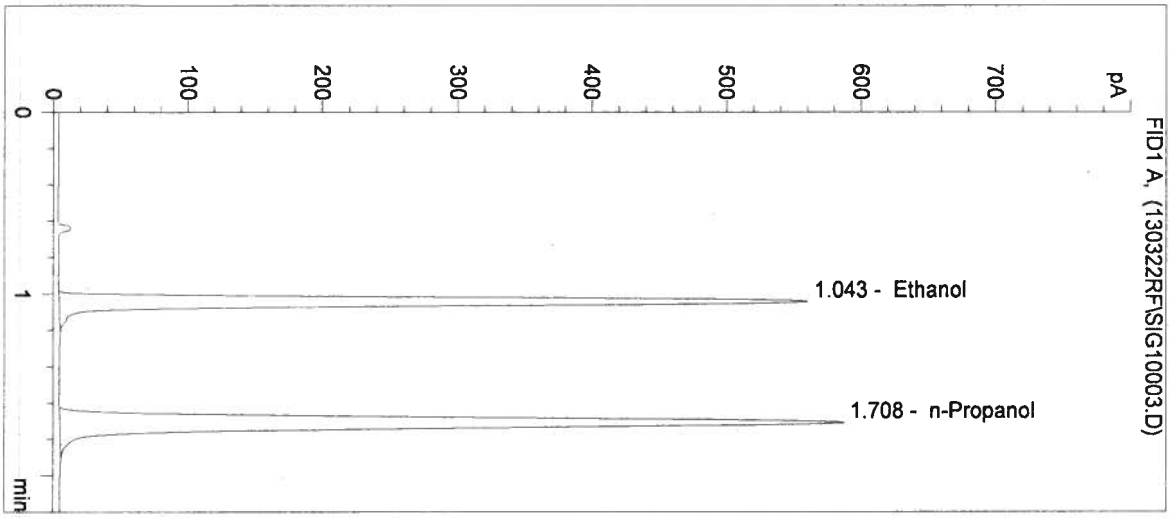
RF

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

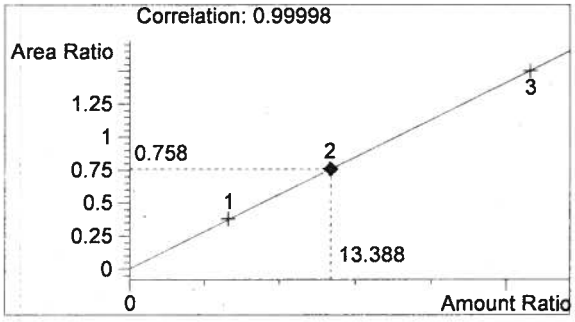
Inj. Date: 3/22/2013 9:48:47 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

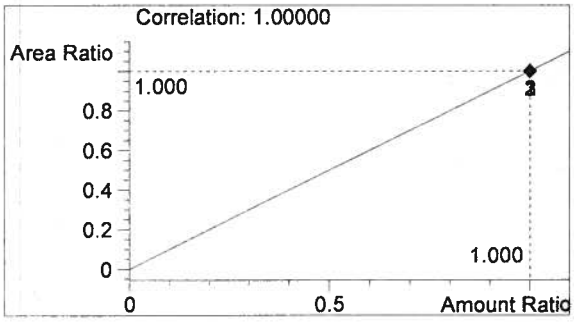
->



#	Compound	Peak Area	RT (min)
1	Ethanol	1749	1.043
2	n-Propanol	2305	1.708



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

13007

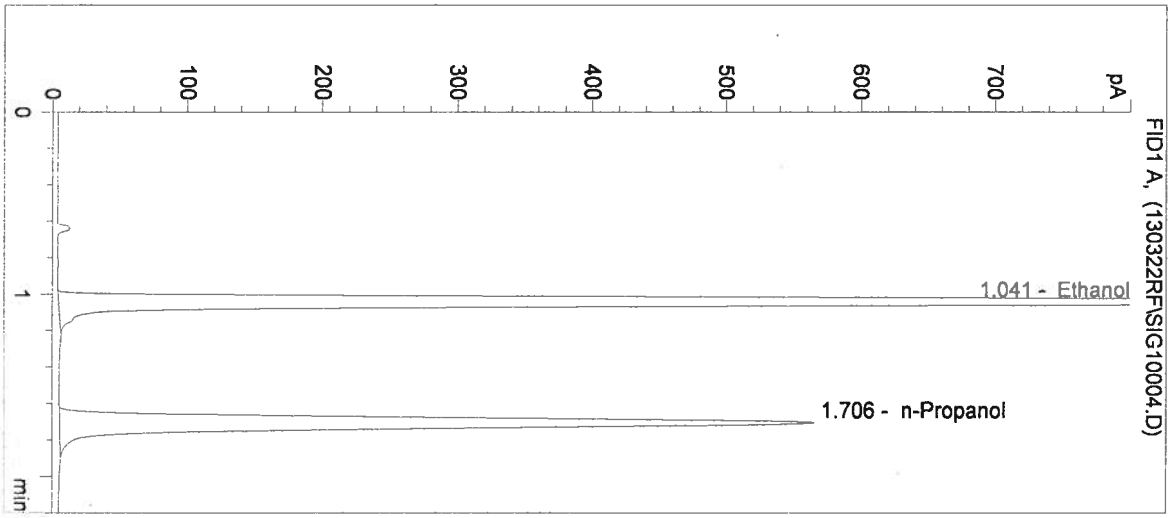
Data File: C:\HPCHEM\1\DATA\130322RF\SIG10003.D

RF

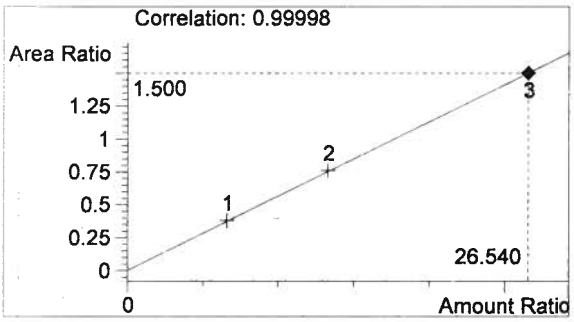
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 9:51:51 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

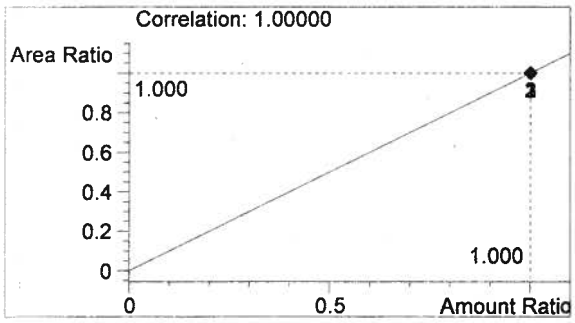
Sample Name: 0.316 CAL 3
Operator: Rebecca Flaherty
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3318	1.041
2	n-Propanol	2212	1.706



Ethanol 0.318 g/100mL



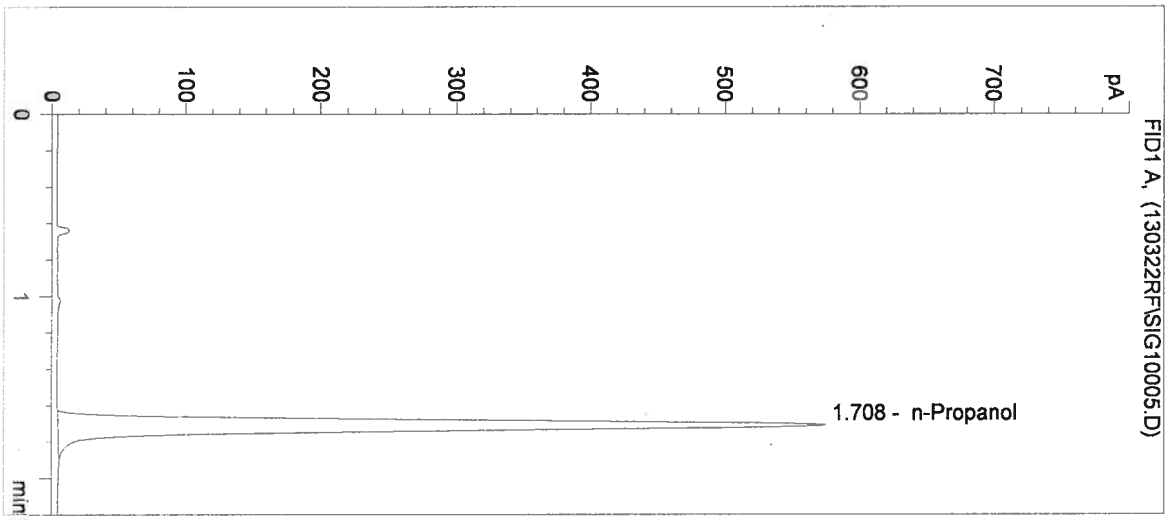
n-Propanol 0.012 g/100mL

13007

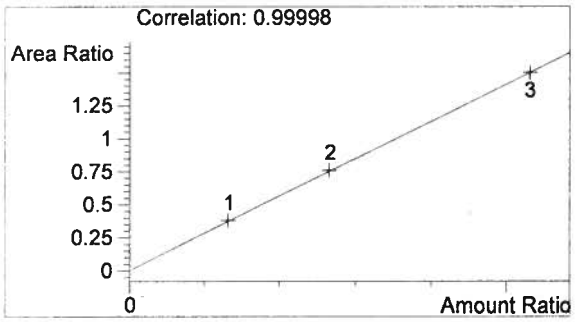
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 9:54:56 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

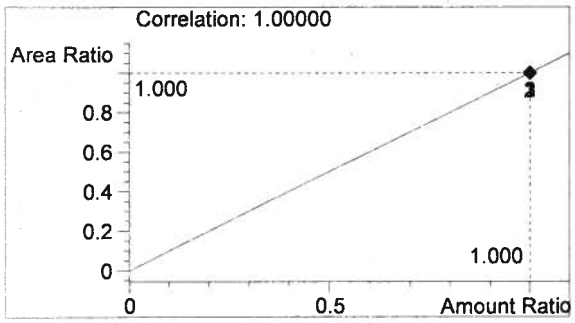
Sample Name: NEG CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2263	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13007

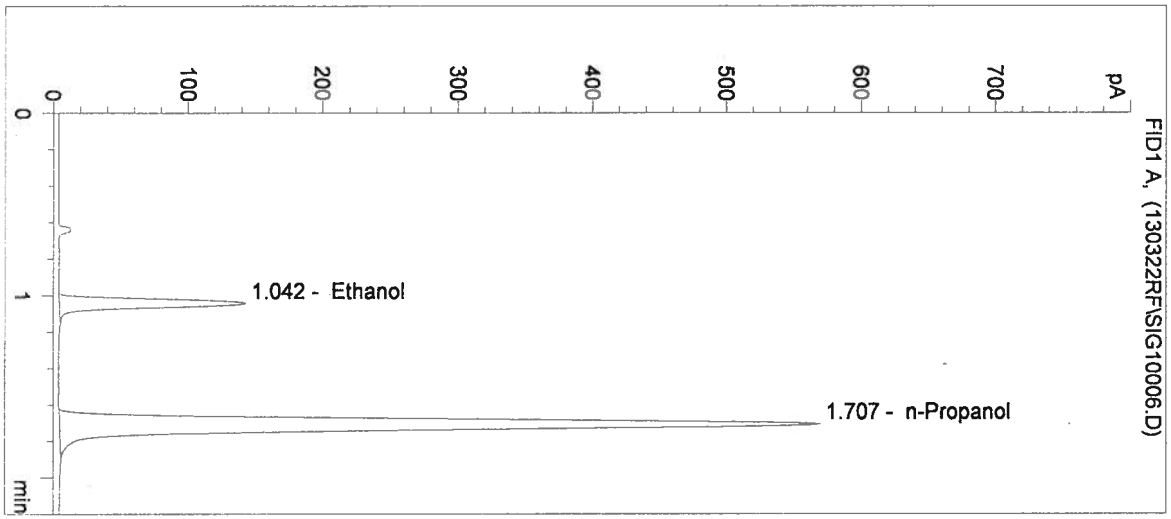
Data File: C:\HPCHEM\1\DATA\130322RF\SIG10005.D

RF

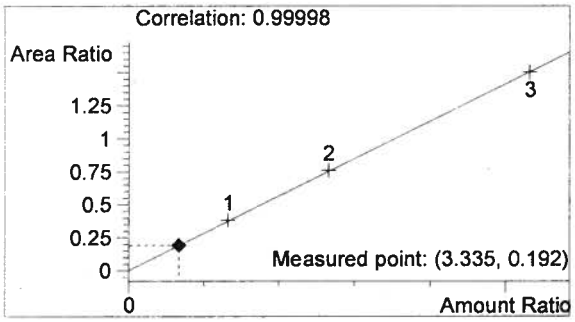
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 9:58:01 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

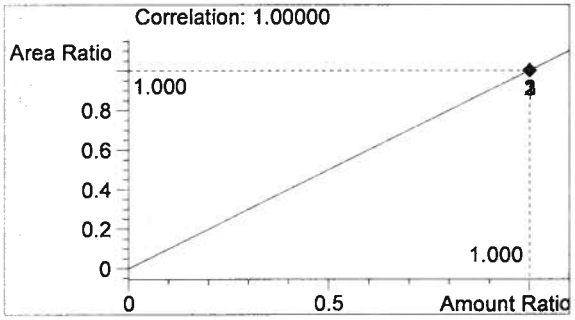
Sample Name: 0.04 CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	429	1.042
2	n-Propanol	2236	1.707



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

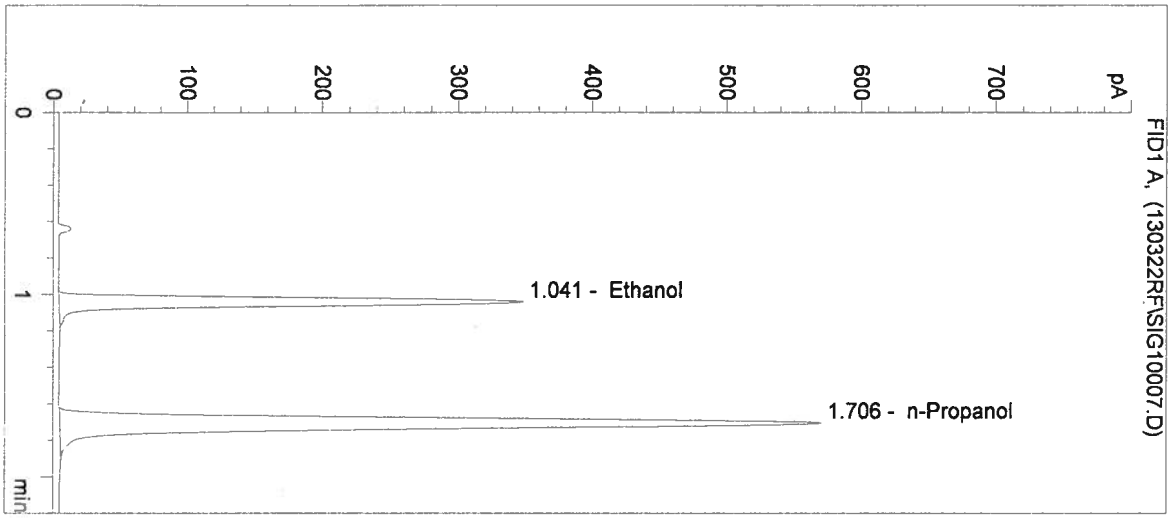
13007

RF

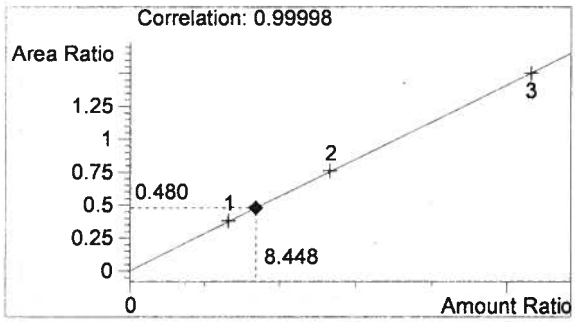
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 10:01:06 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

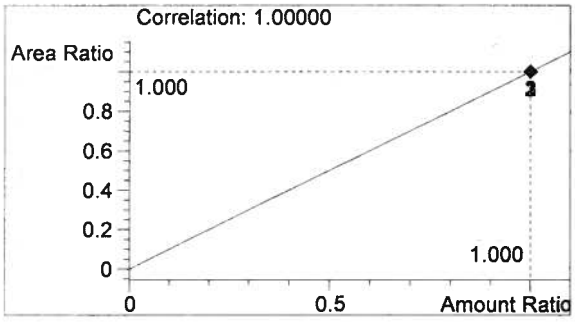
Sample Name: 0.10 CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1073	1.041
2	n-Propanol	2235	1.706



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

13007

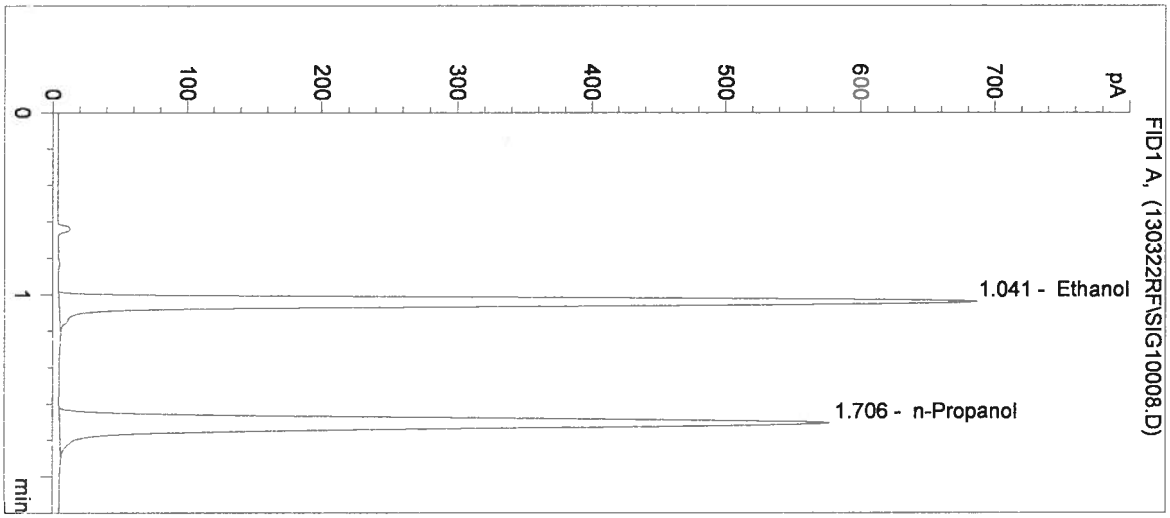
Data File: C:\HPCHEM\1\DATA\130322RF\SIG10007.D

RF

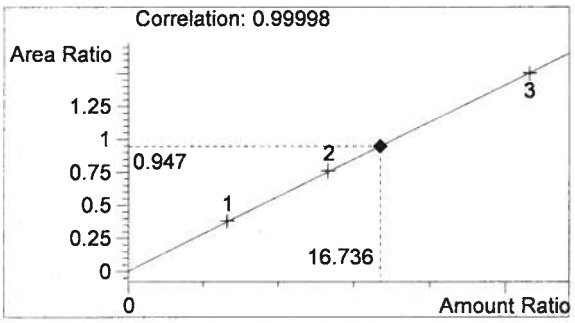
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 10:04:10 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

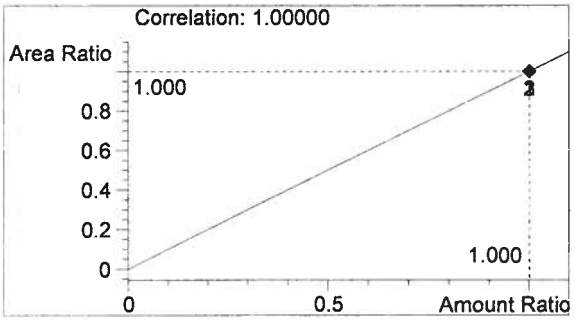
Sample Name: 0.20 CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2149	1.041
2	n-Propanol	2268	1.706



Ethanol 0.201 g/100mL



n-Propanol 0.012 g/100mL

13007

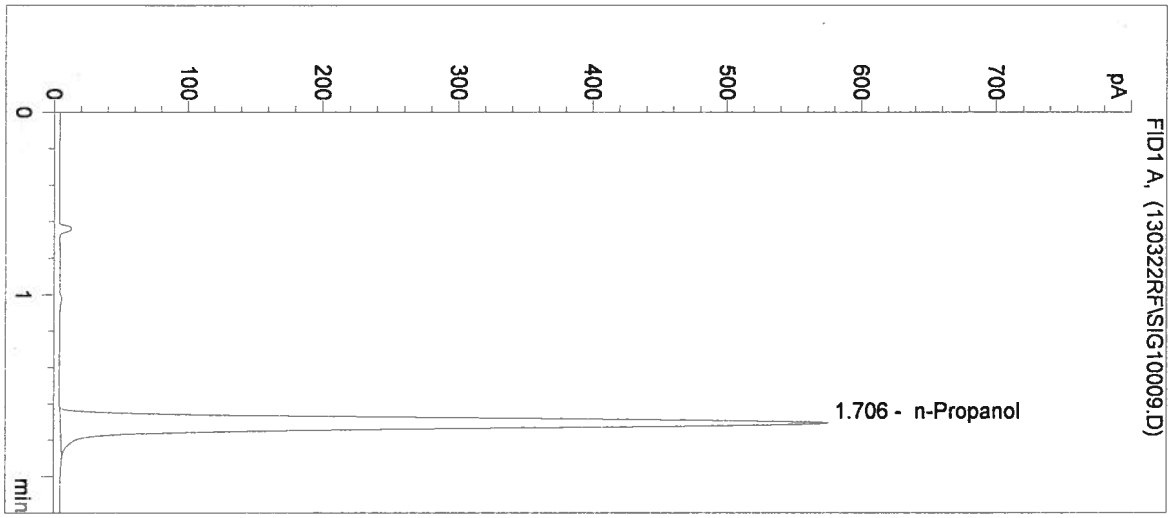
Data File: C:\HPCHEM\1\DATA\130322RF\SIG10008.D

RG

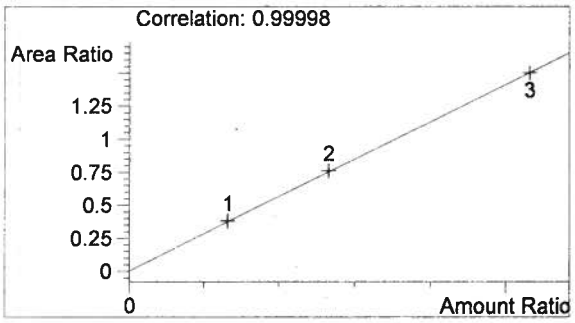
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 10:07:15 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

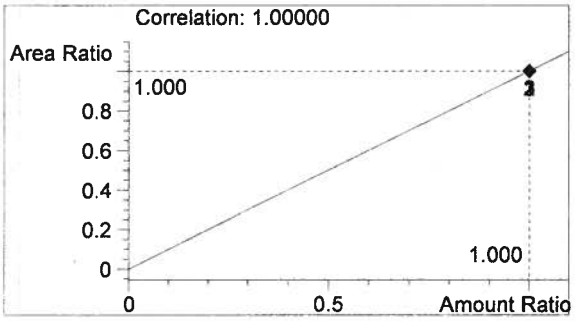
Sample Name: NEG CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2263	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13007

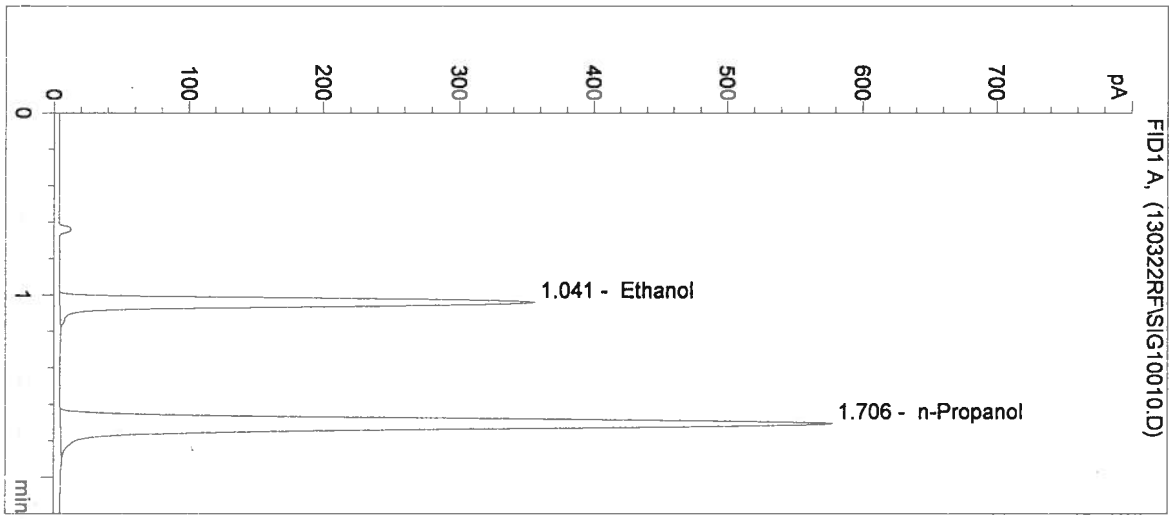
Data File: C:\HPCHEM\1\DATA\130322RF\SIG10009.D

RH

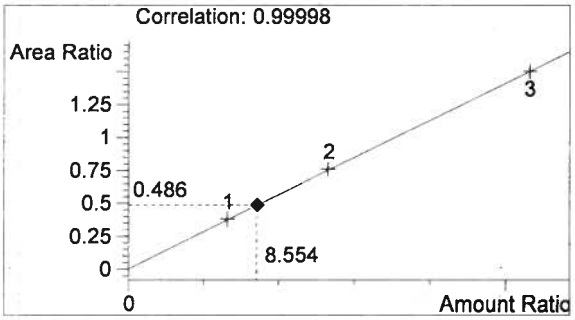
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 10:10:20 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

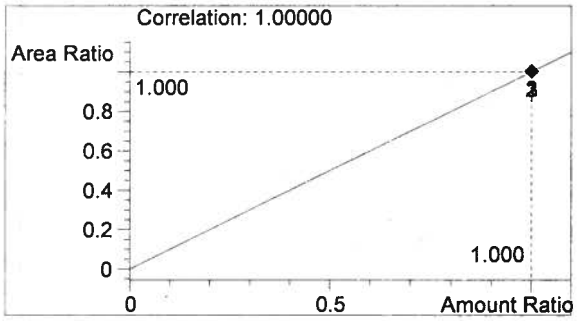
Sample Name: 13007 #1
Operator: Rebecca Flaherty
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1104	1.041
2	n-Propanol	2271	1.706



Ethanol 0.103 g/100mL



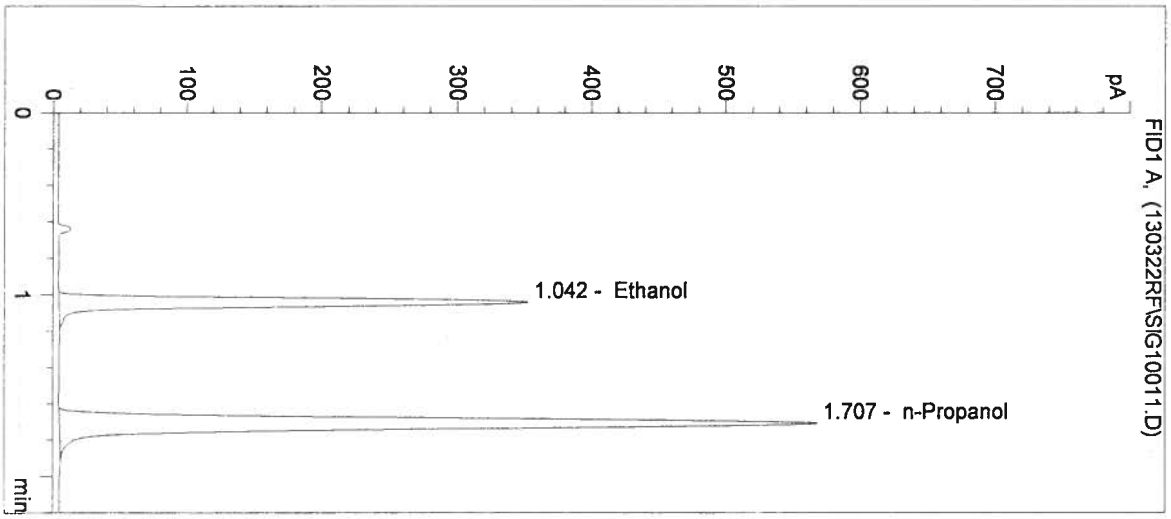
n-Propanol 0.012 g/100mL

RF

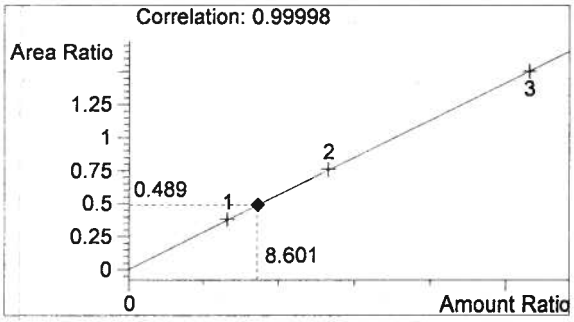
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 10:13:25 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

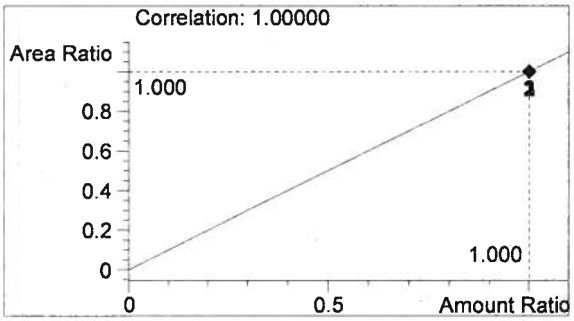
Sample Name: 13007 #2
Operator: Rebecca Flaherty
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1088	1.042
2	n-Propanol	2227	1.707



Ethanol 0.103 g/100mL



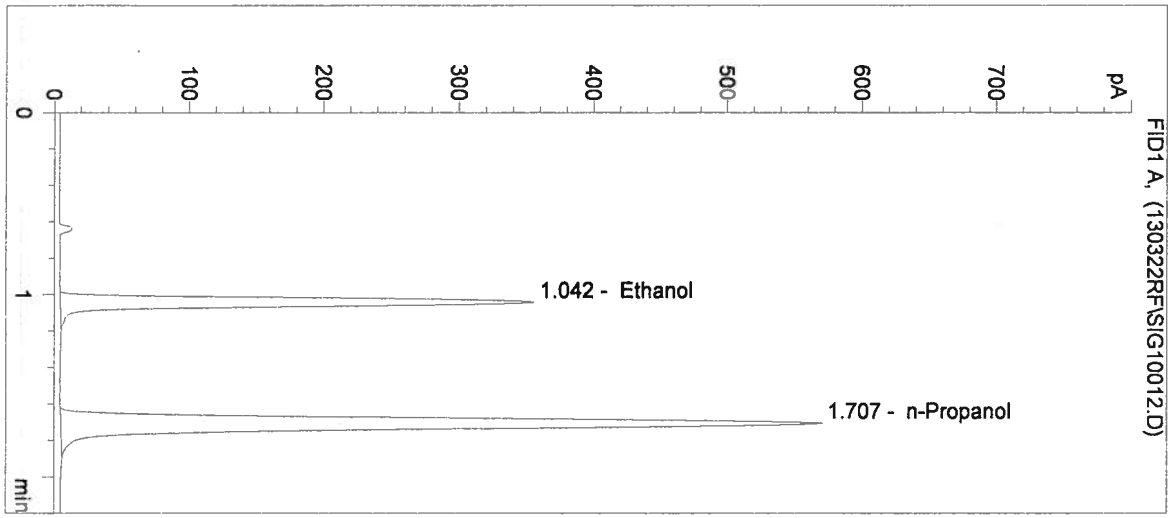
n-Propanol 0.012 g/100mL

RF

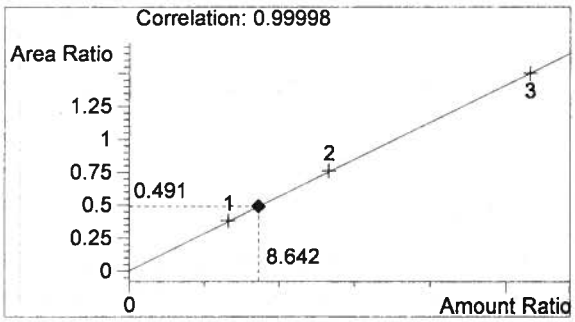
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 10:16:29 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

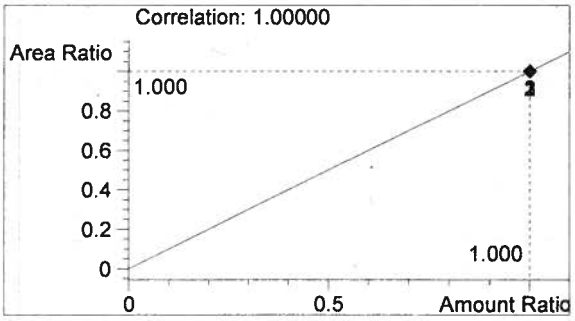
Sample Name: 13007 #3
Operator: Rebecca Flaherty
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1098	1.042
2	n-Propanol	2237	1.707



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

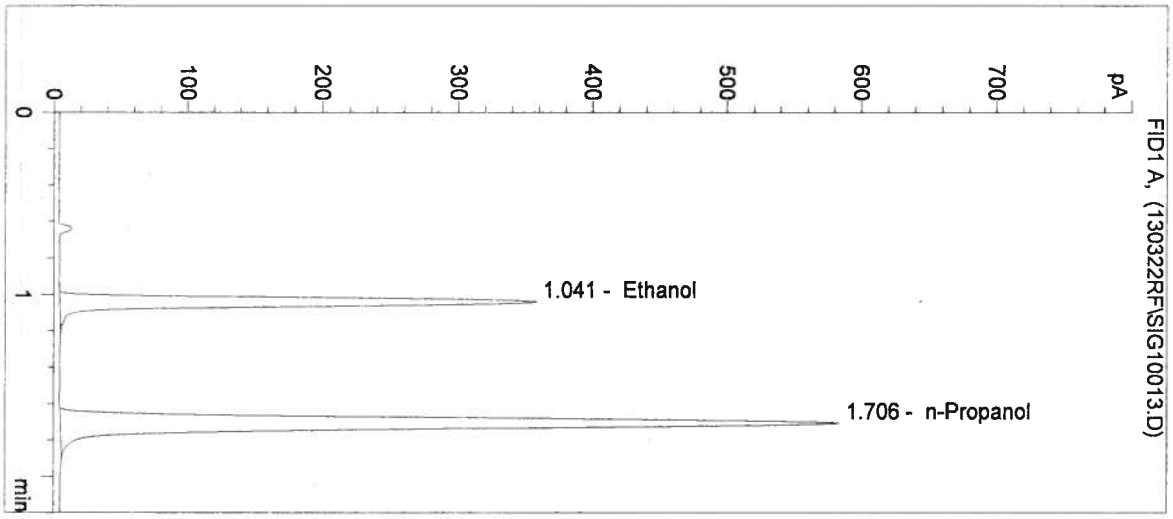
---

pf

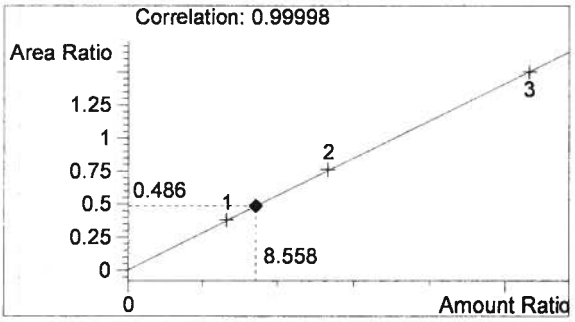
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 10:19:34 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

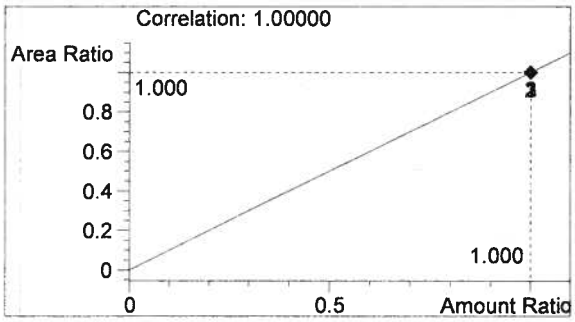
Sample Name: 13007 #4
Operator: Rebecca Flaherty
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1120	1.041
2	n-Propanol	2304	1.706



Ethanol 0.103 g/100mL

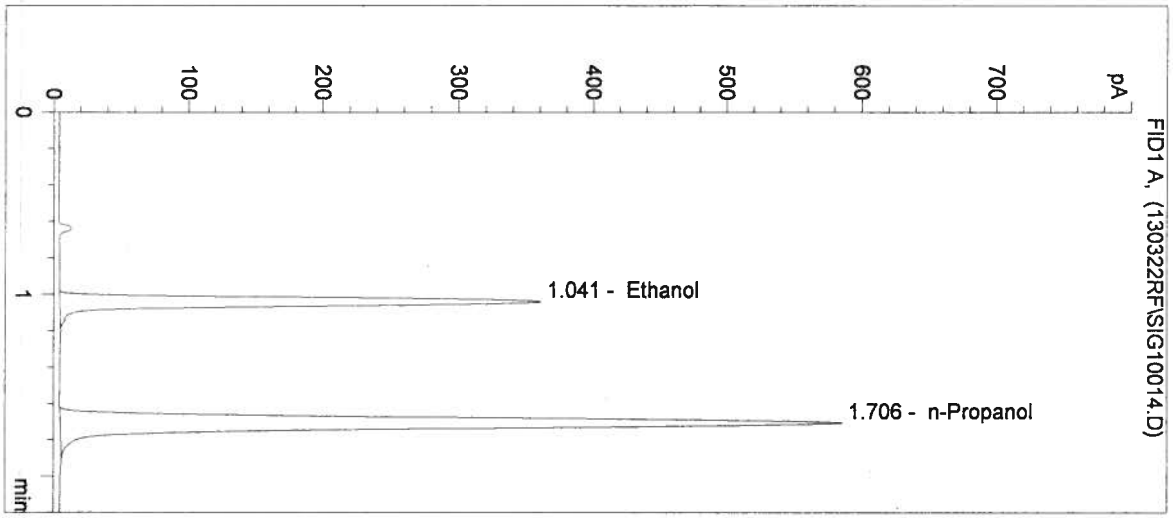


n-Propanol 0.012 g/100mL

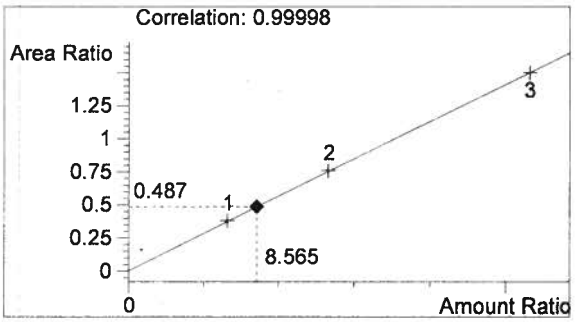
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 10:22:39 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

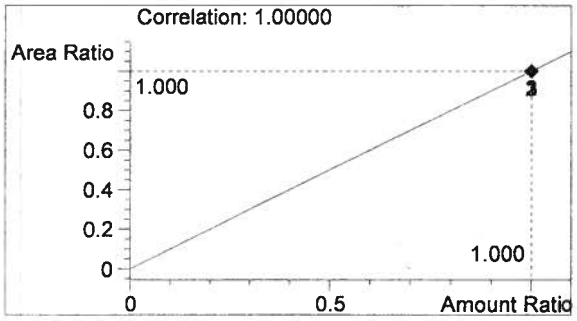
Sample Name: 13007 #5
Operator: Rebecca Flaherty
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1120	1.041
2	n-Propanol	2301	1.706



Ethanol 0.103 g/100mL



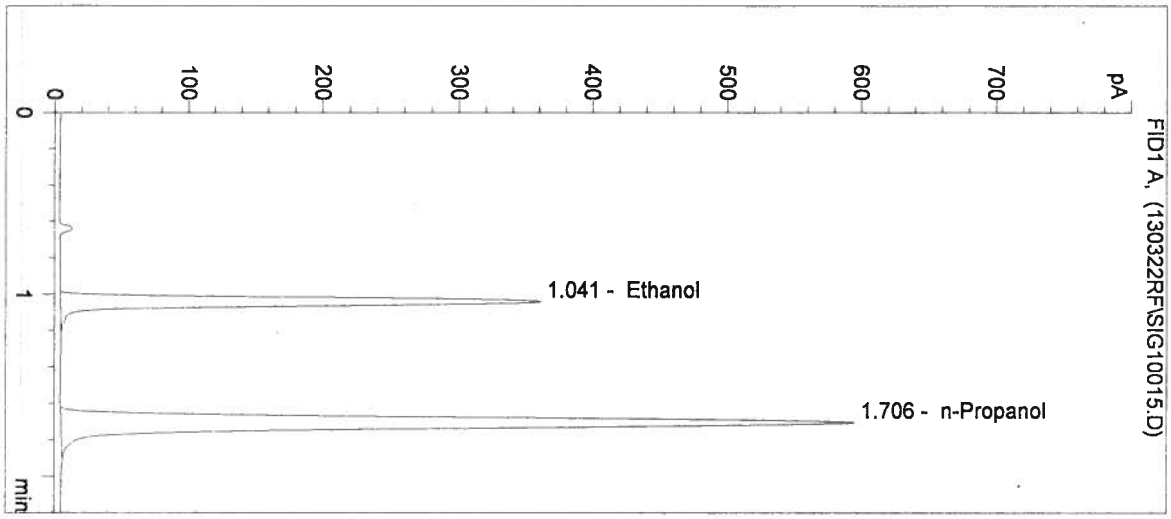
n-Propanol 0.012 g/100mL

RF

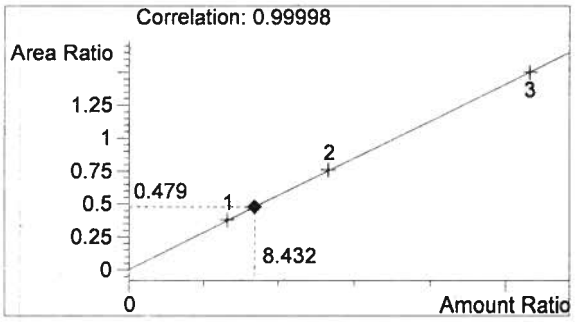
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 10:25:44 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

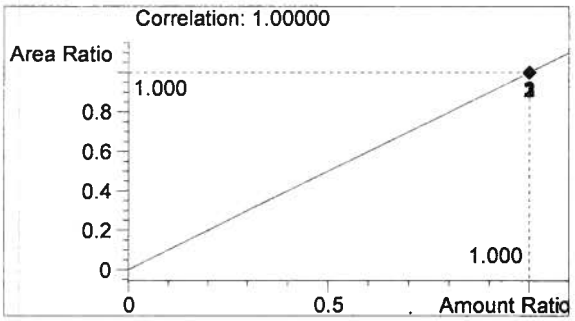
Sample Name: 0.10 CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1122	1.041
2	n-Propanol	2341	1.706



Ethanol 0.101 g/100mL



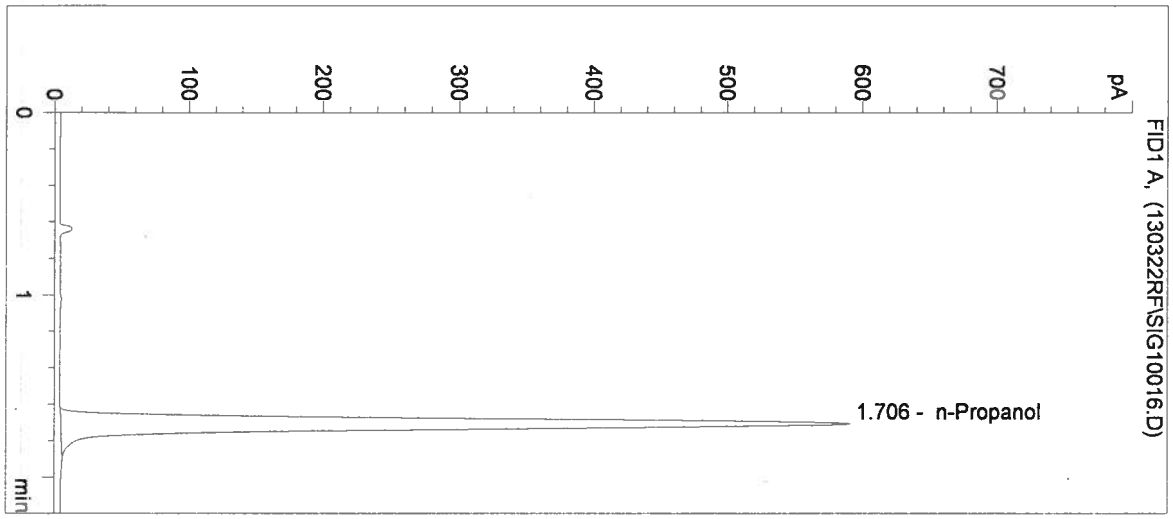
n-Propanol 0.012 g/100mL

13007

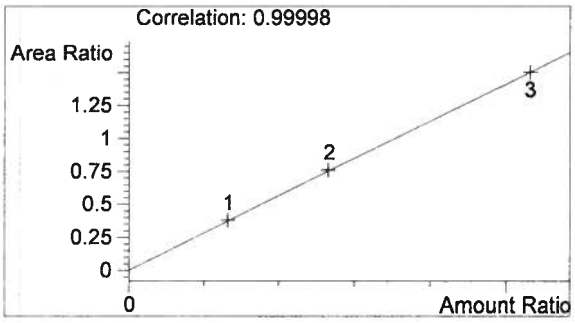
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 10:28:48 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

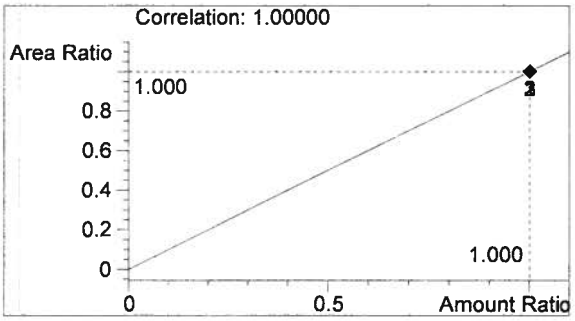
Sample Name: NEG CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2326	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13007

Data File: C:\HPCHEM\1\DATA\130322RF\SIG10016.D

pf

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:	130322BO
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	13007 #1	SIMALC1	1	Sample		
11	Vial 11	13007 #2	SIMALC1	1	Sample		
12	Vial 12	13007 #3	SIMALC1	1	Sample		
13	Vial 13	13007 #4	SIMALC1	1	Sample		
14	Vial 14	13007 #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		

Calibration Part:

13007

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	

BWO

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

Sequence Table (Back Injector):

No entries - empty table!

13007

BEO

Calibration Table

Calib. Data Modified : Friday, March 22, 2013 2:34:49 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
1.042	1	1	7.93800e-2	848.45941	9.35578e-5		1	Ethanol
		2	1.59660e-1	1700.03076	9.39159e-5			
		3	3.19080e-1	3439.46826	9.27702e-5			
1.708	1	1	1.20000e-2	2231.96460	5.37643e-6		I1	n-Propanol
		2	1.20000e-2	2224.57153	5.39430e-6			
		3	1.20000e-2	2254.45654	5.32279e-6			

Peak Sum Table

13007

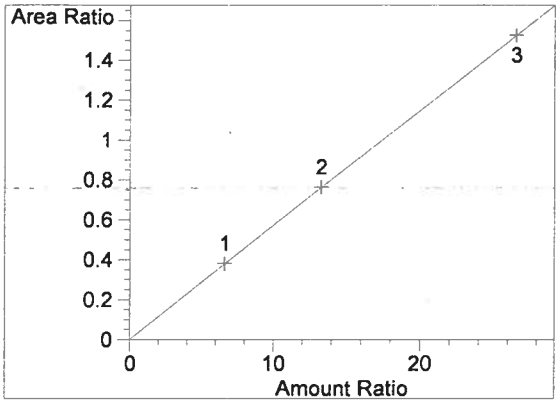
No Entries in table

BWO

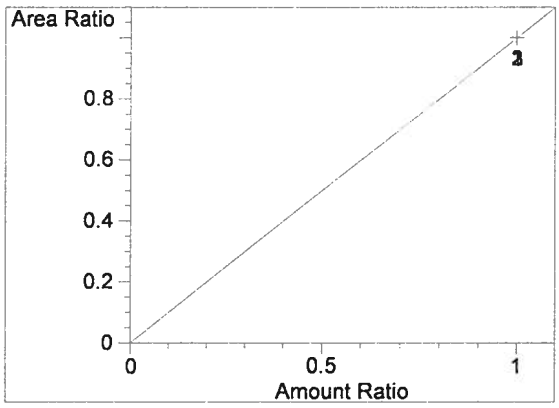
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00051
Formula: y = mx + b
m: 5.73719e-2
b: 4.02270e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.708
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

==========

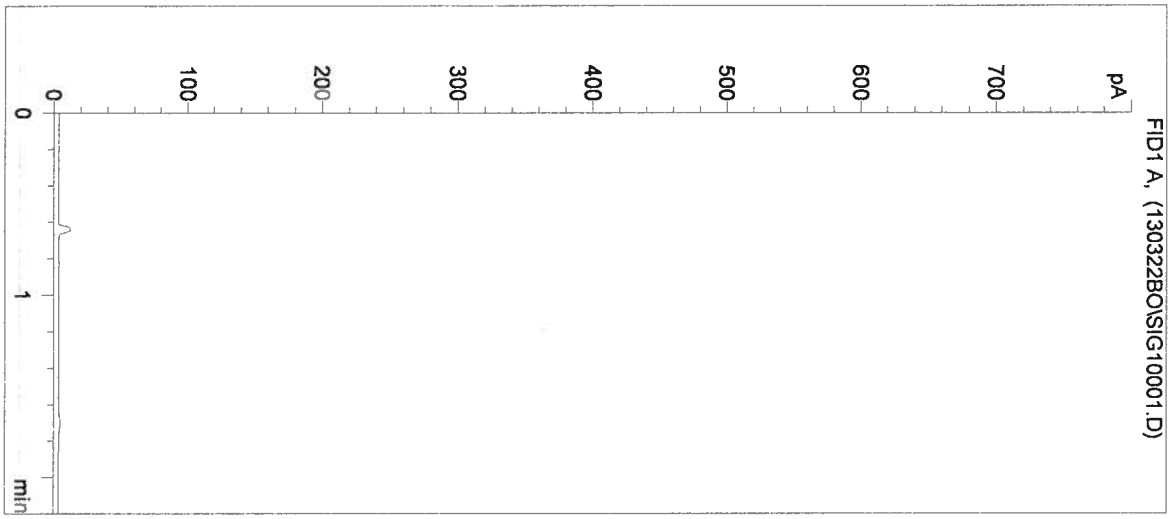
13007

BEO

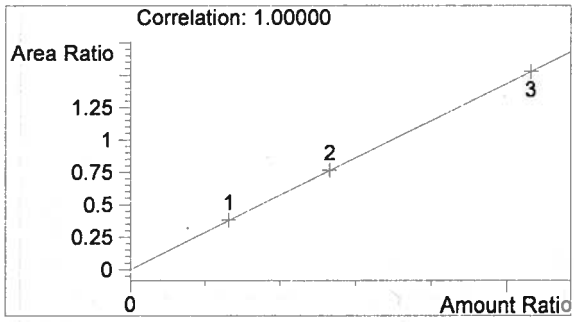
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 2:23:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

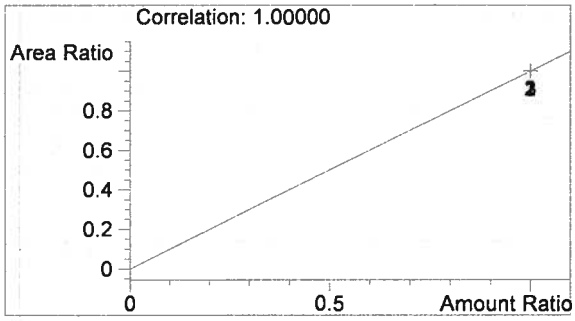
Sample Name: BLANK
Operator: Brianne E. O'Reilly
Location: Vial 1



#	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

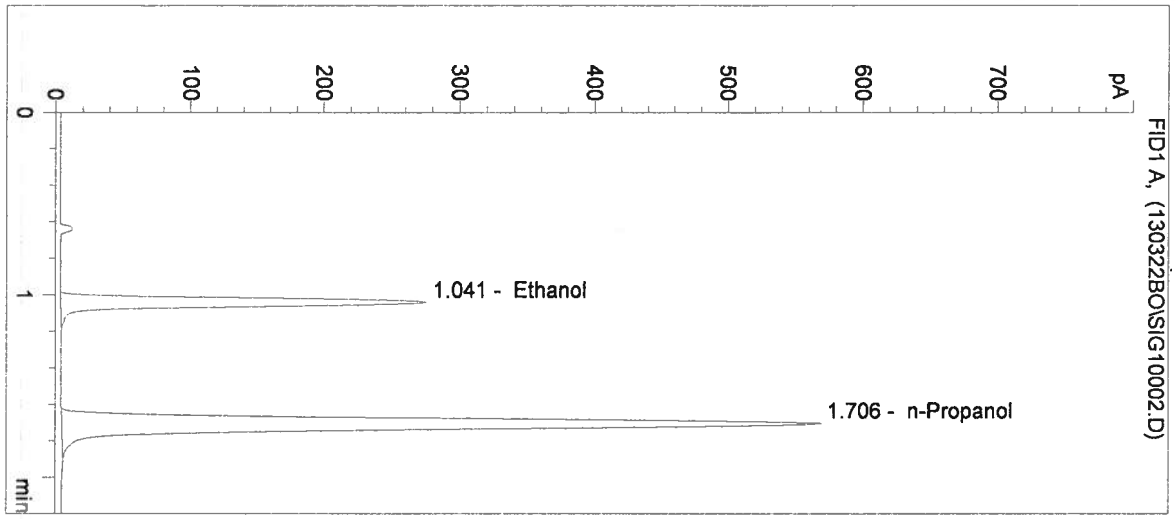
13007

BEO

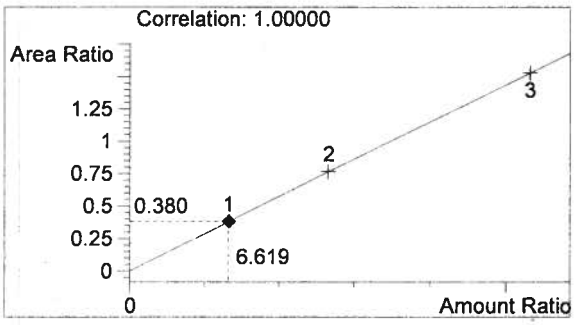
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 2:26:26 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 1: 0.079 g/100 mL

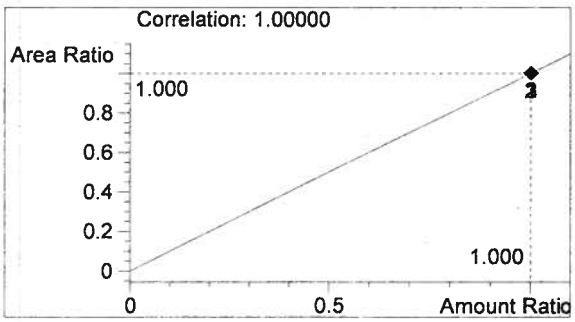
Sample Name: CAL 1 (0.079)
Operator: Brianne E. O'Reilly
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	848	1.041
2	n-Propanol	2232	1.706



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

13007

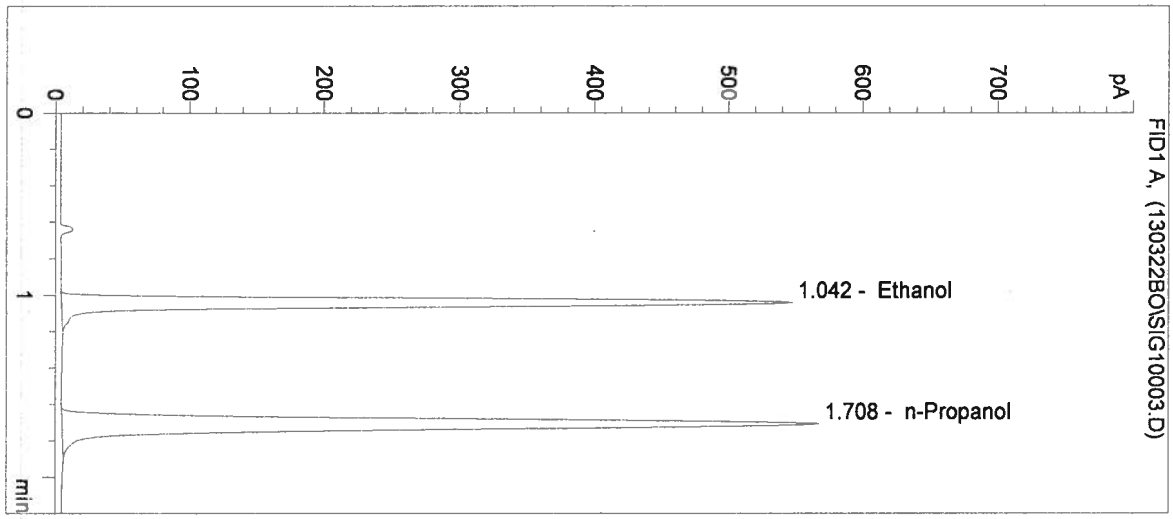
Data File: C:\HPCHEM\1\DATA\130322BO\SIG10002.D

BW

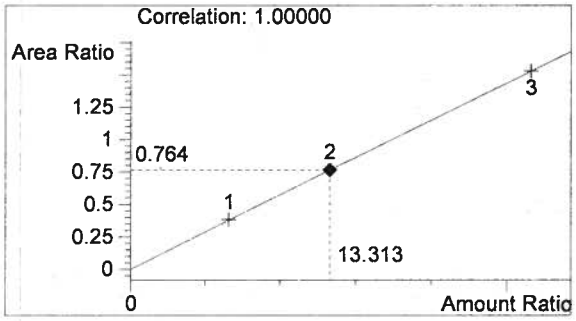
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 2:29:31 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 2 0.158 g/100 mL

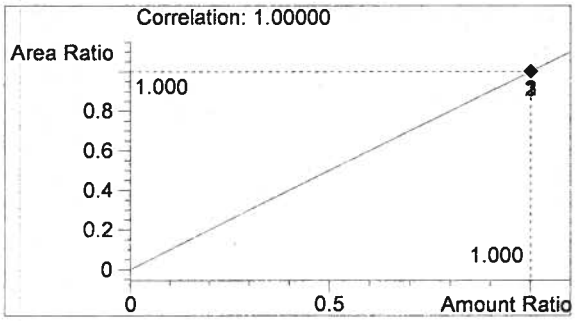
Sample Name: CAL 2 (0.158)
Operator: Brianne E. O'Reilly
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1700	1.042
2	n-Propanol	2225	1.708



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

13007

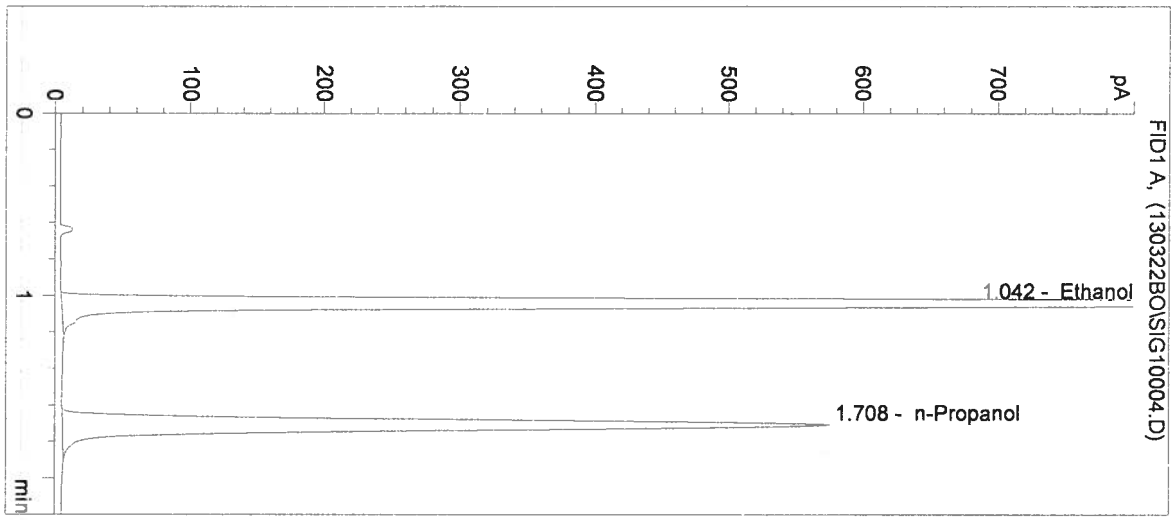
Data File: C:\HPCHEM\1\DATA\130322BO\SIG10003.D

BW

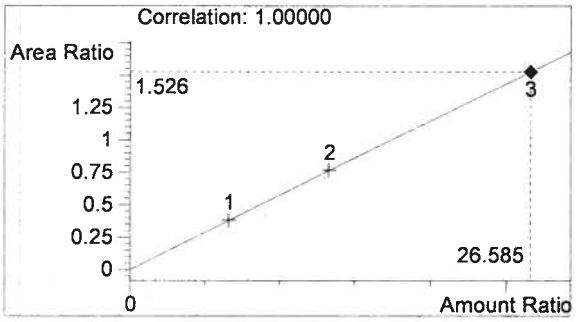
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 2:32:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 3: 0.316 g/100 mL

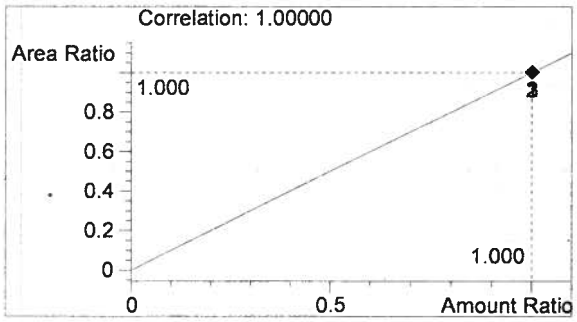
Sample Name: CAL 3 (0.316)
Operator: Brianne E. O'Reilly
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3439	1.042
2	n-Propanol	2254	1.708



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

13007

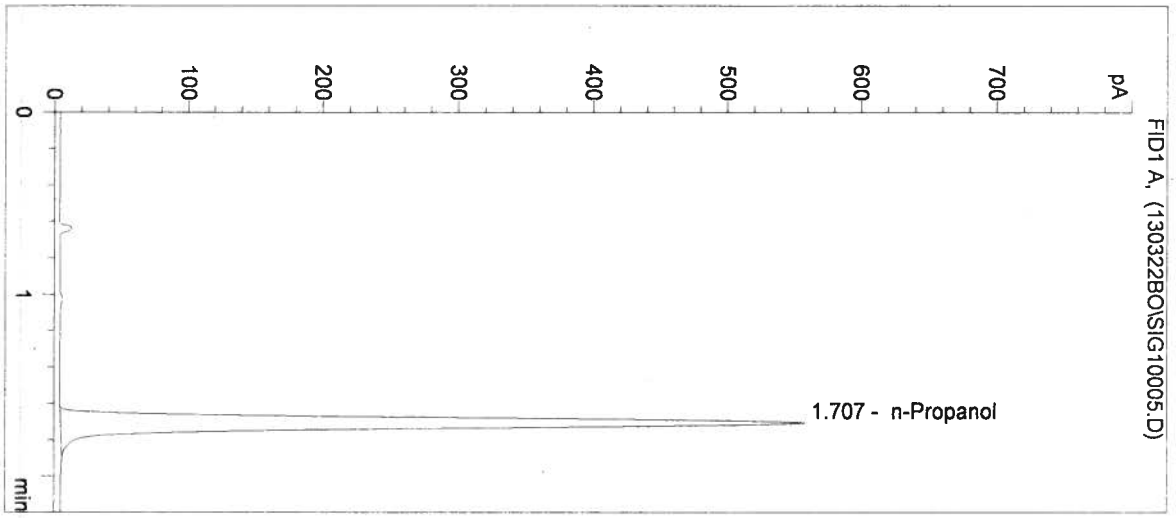
BEO

Data File: C:\HPCHEM\1\DATA\130322BO\SIG10004.D

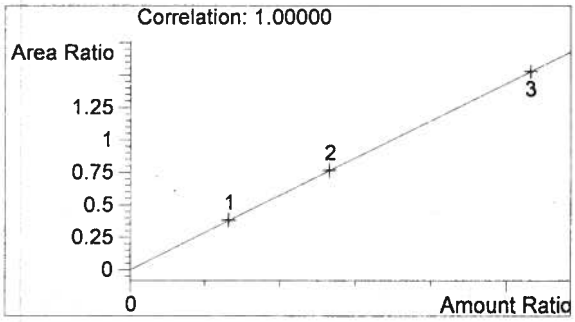
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 2:35:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

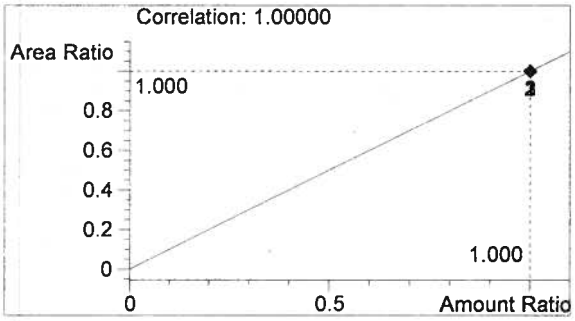
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2190	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

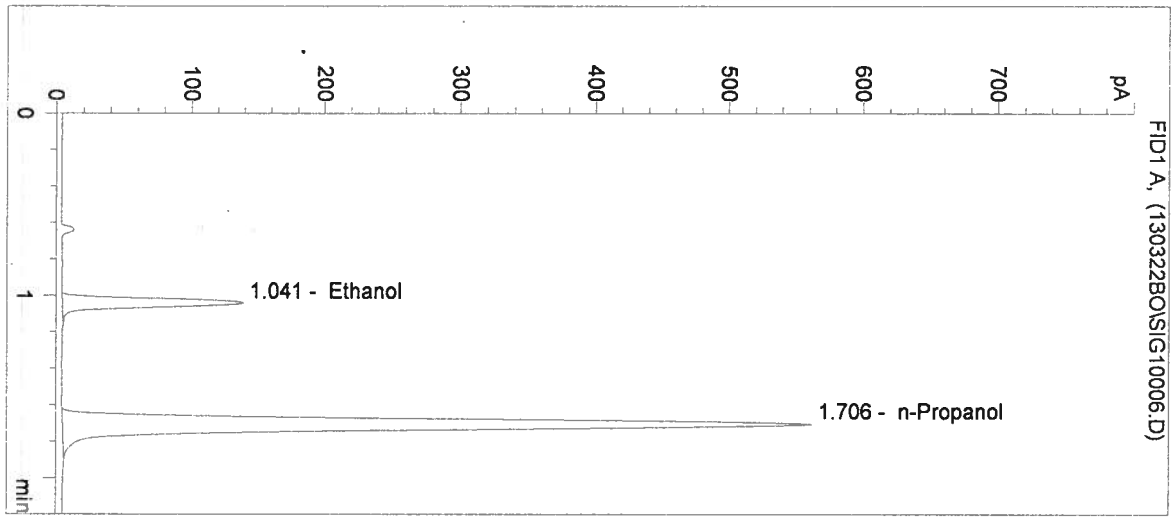
13007

BUD

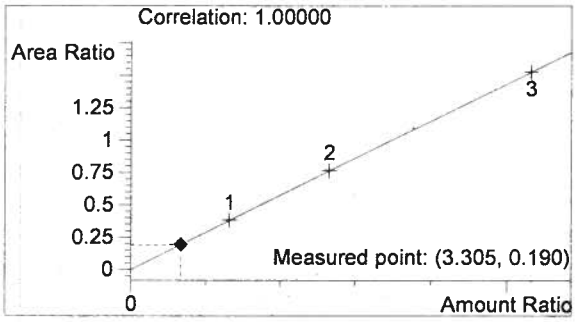
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 2:38:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 1: 0.04 g/100 mL

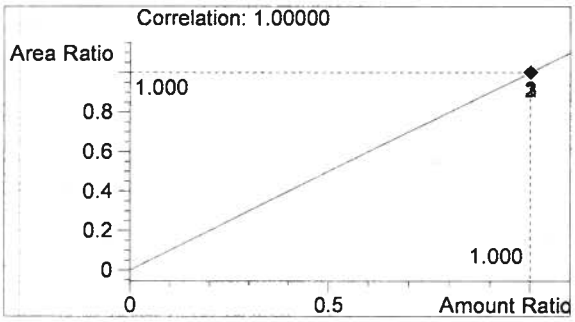
Sample Name: CTRL 1 (0.04)-BO
Operator: Brianne E. O'Reilly
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	418	1.041
2	n-Propanol	2202	1.706



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

13007

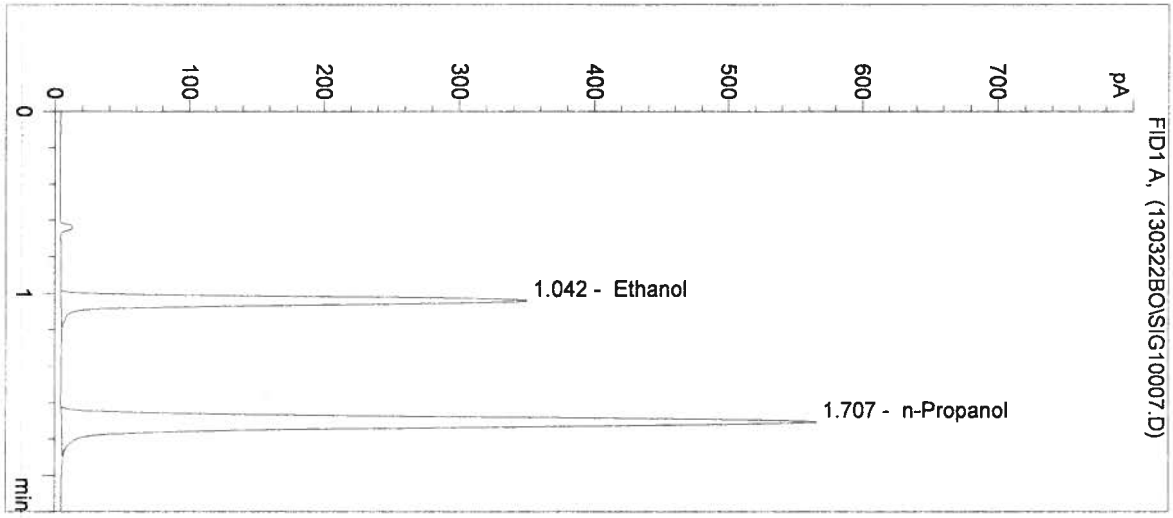
Data File: C:\HPCHEM\1\DATA\130322BO\SIG10006.D

BEO

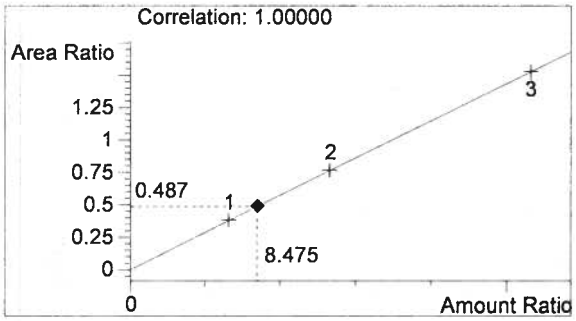
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 2:41:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 2: 0.10 g/100 mL

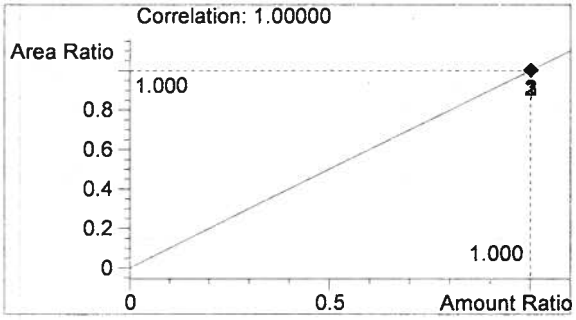
Sample Name: CTRL 2 (0.10)-BO
Operator: Brianne E. O'Reilly
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1080	1.042
2	n-Propanol	2220	1.707



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

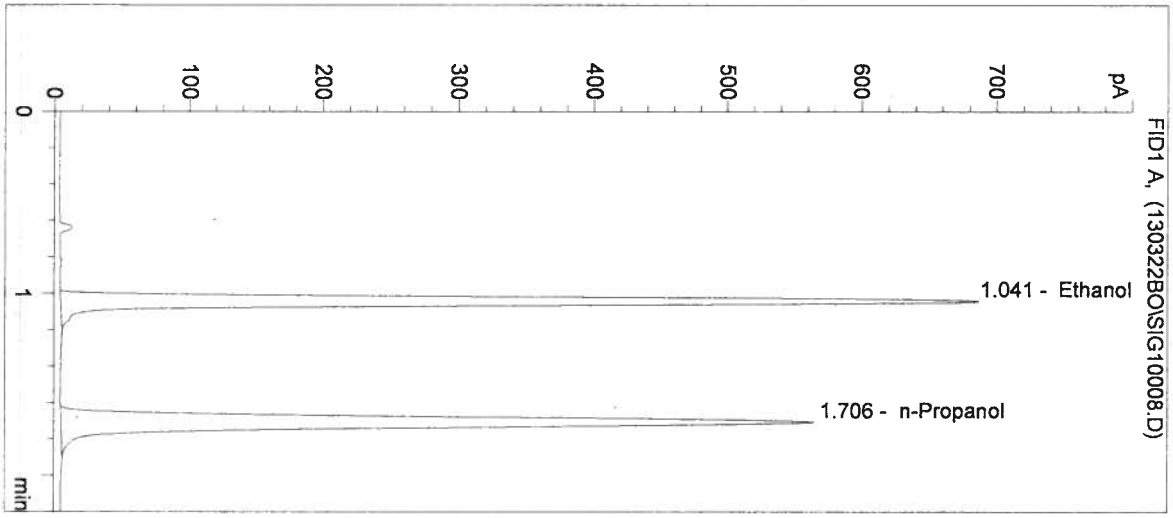
13007

Data File: C:\HPCHEM\1\DATA\130322BO\SIG10007.D

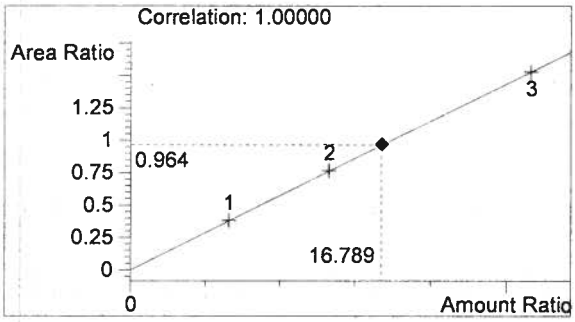
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 2:44:54 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 3: 0.20 g/100 mL

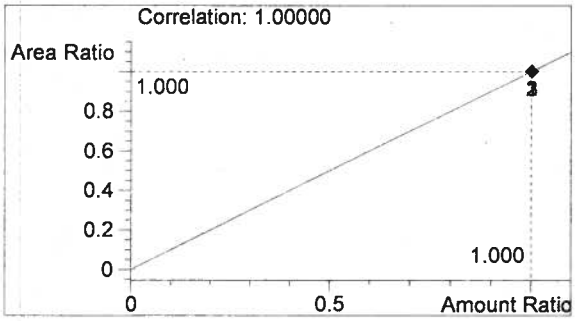
Sample Name: CTRL 3 (0.20)-BO
Operator: Brianne E. O'Reilly
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2130	1.041
2	n-Propanol	2210	1.706



Ethanol 0.201 g/100mL



n-Propanol 0.012 g/100mL

13007

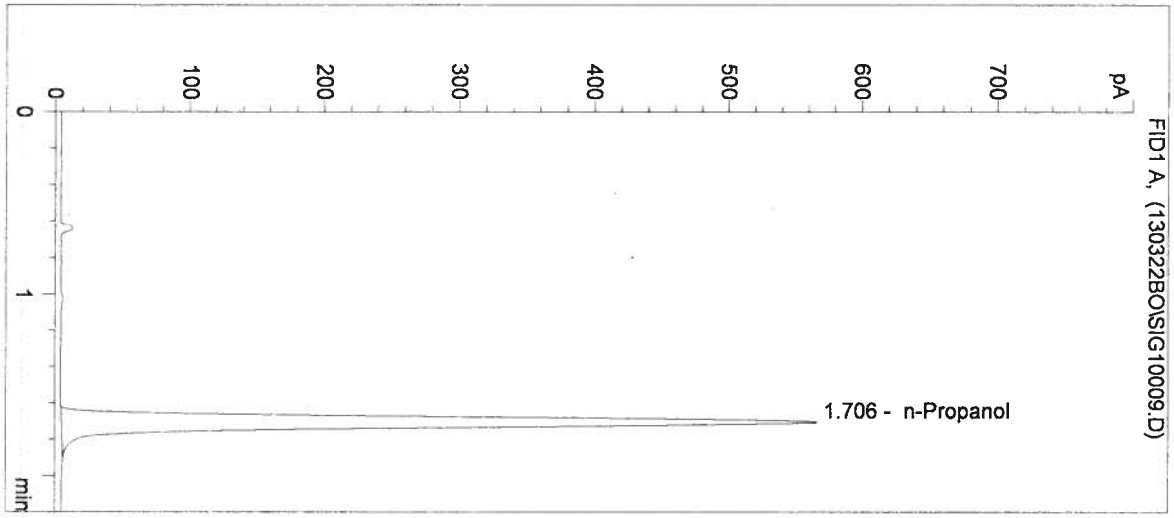
Data File: C:\HPCHEM\1\DATA\130322BO\SIG10008.D

BW

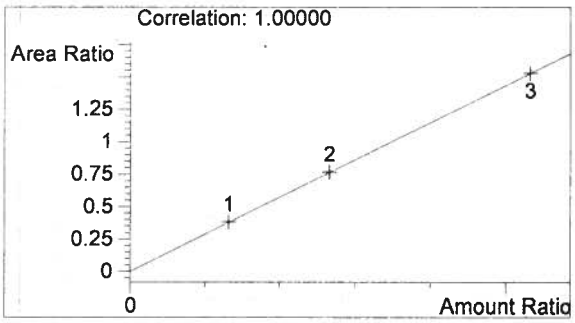
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 2:47:59 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

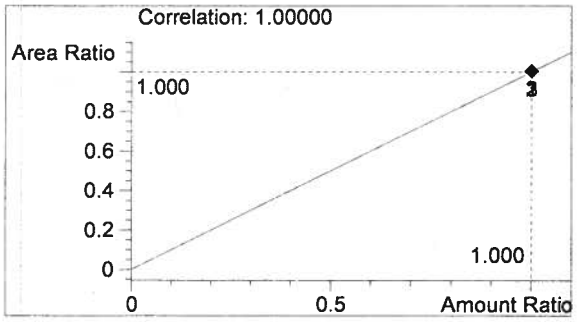
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2230	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13007

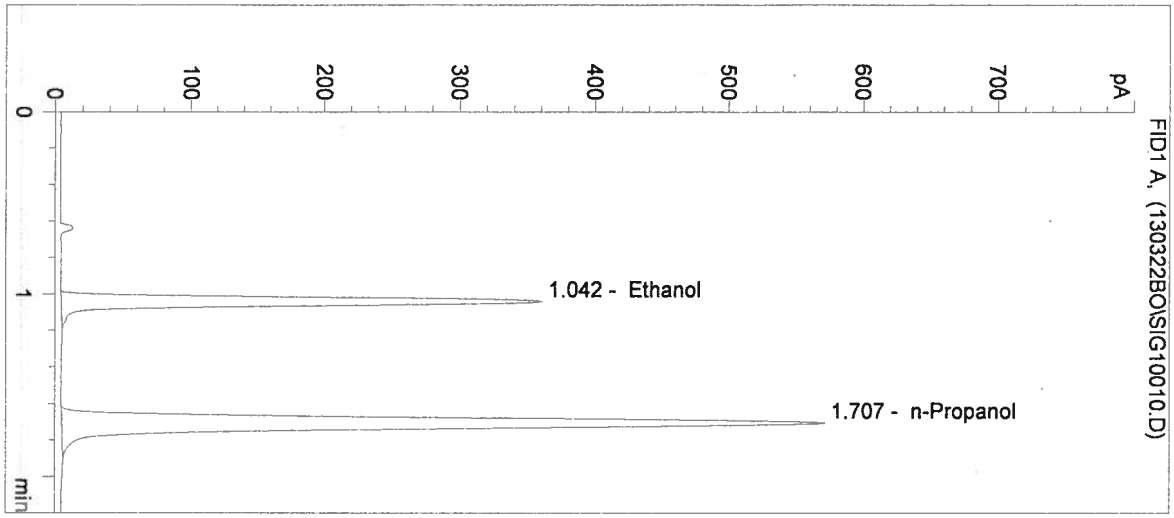
Data File: C:\HPCHEM\1\DATA\130322BO\SIG10009.D

BEO

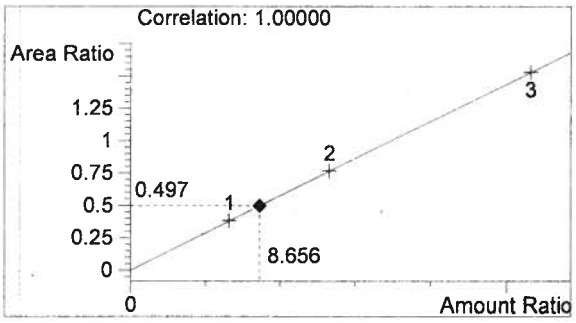
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 2:51:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

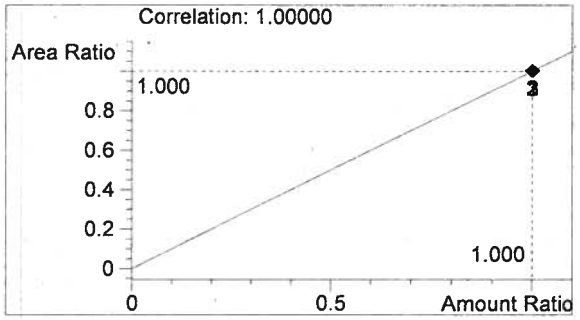
Sample Name: 13007 #1
Operator: Brianne E. O'Reilly
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.042
2	n-Propanol	2242	1.707



Ethanol 0.104 g/100mL



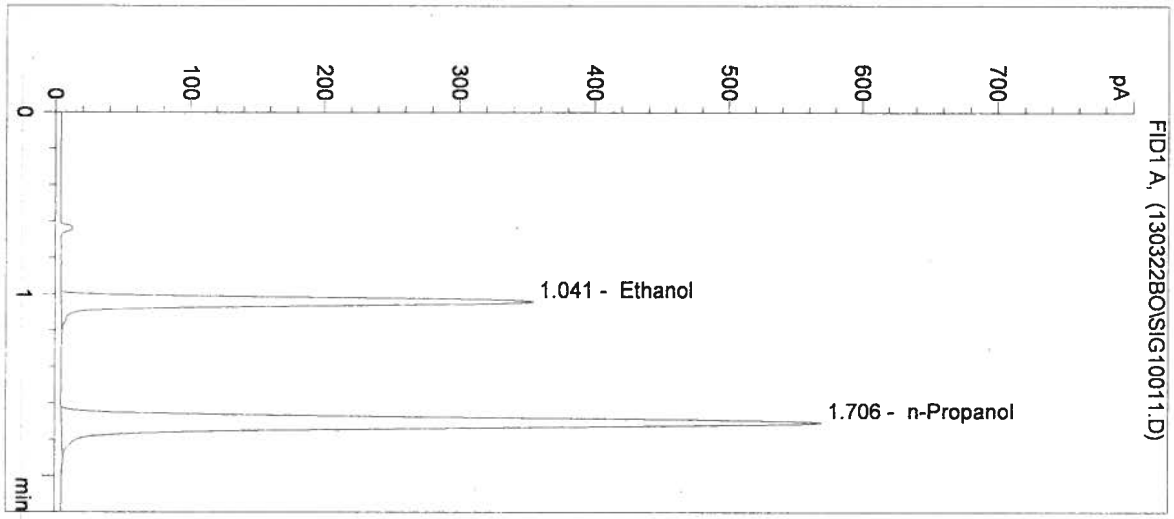
n-Propanol 0.012 g/100mL

BW

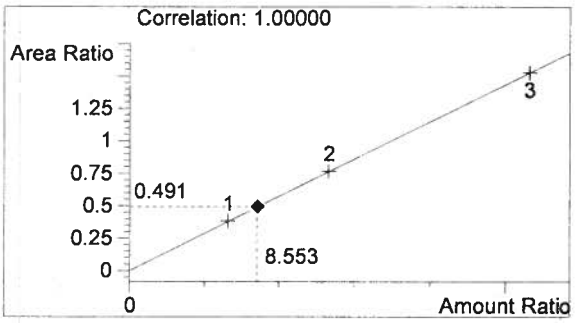
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 2:54:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

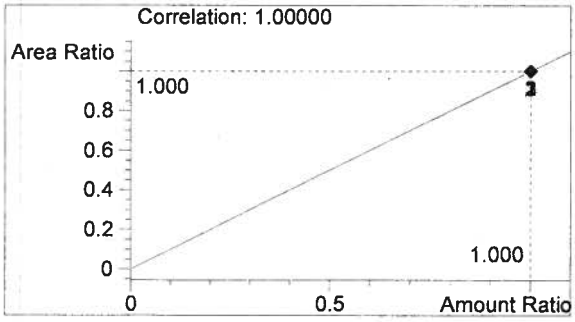
Sample Name: 13007 #2
Operator: Brianne E. O'Reilly
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1105	1.041
2	n-Propanol	2250	1.706



Ethanol 0.103 g/100mL



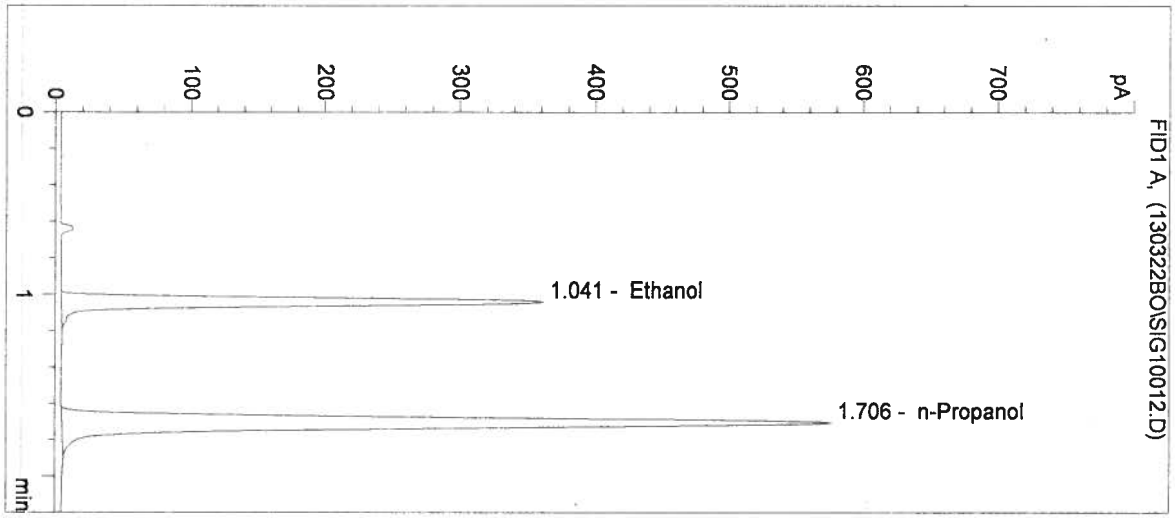
n-Propanol 0.012 g/100mL

BEO

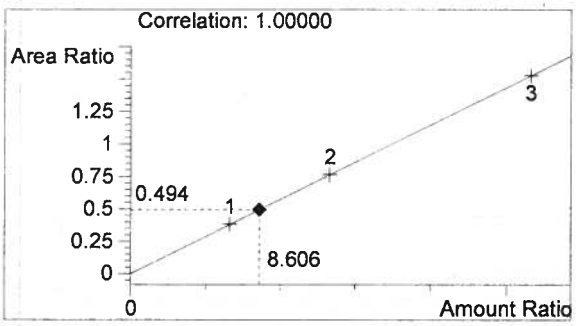
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 2:57:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

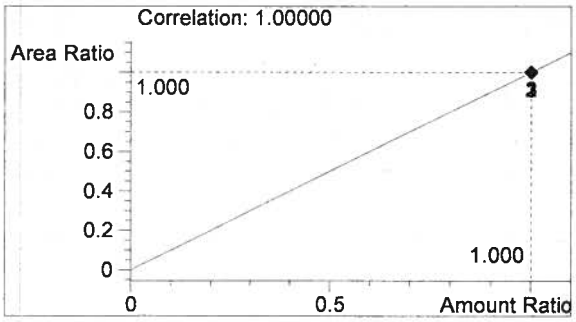
Sample Name: 13007 #3
Operator: Brianne E. O'Reilly
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1119	1.041
2	n-Propanol	2265	1.706



Ethanol 0.103 g/100mL



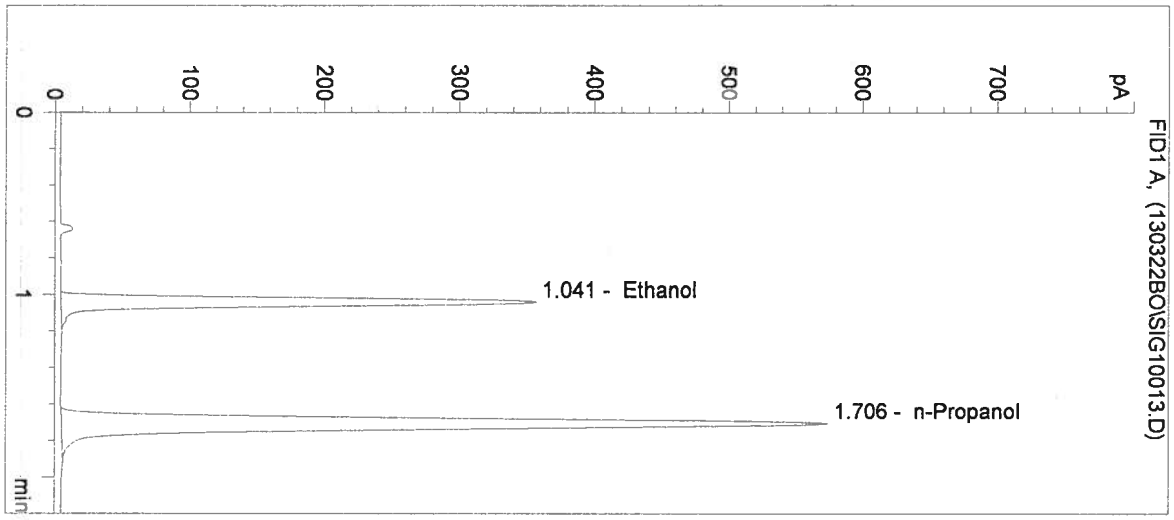
n-Propanol 0.012 g/100mL

BEO

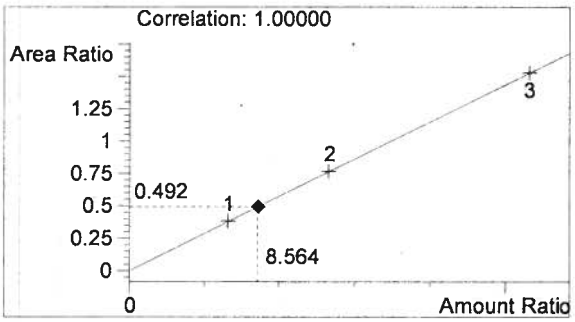
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 3:00:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

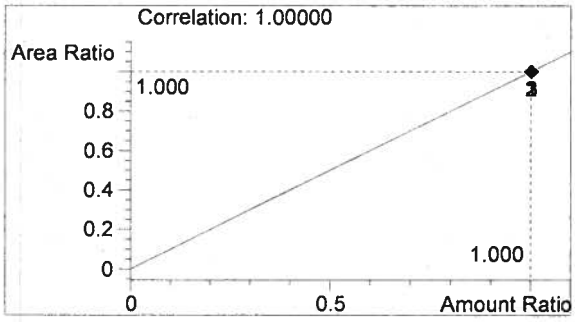
Sample Name: 13007 #4
Operator: Brianne E. O'Reilly
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1113	1.041
2	n-Propanol	2264	1.706



Ethanol 0.103 g/100mL



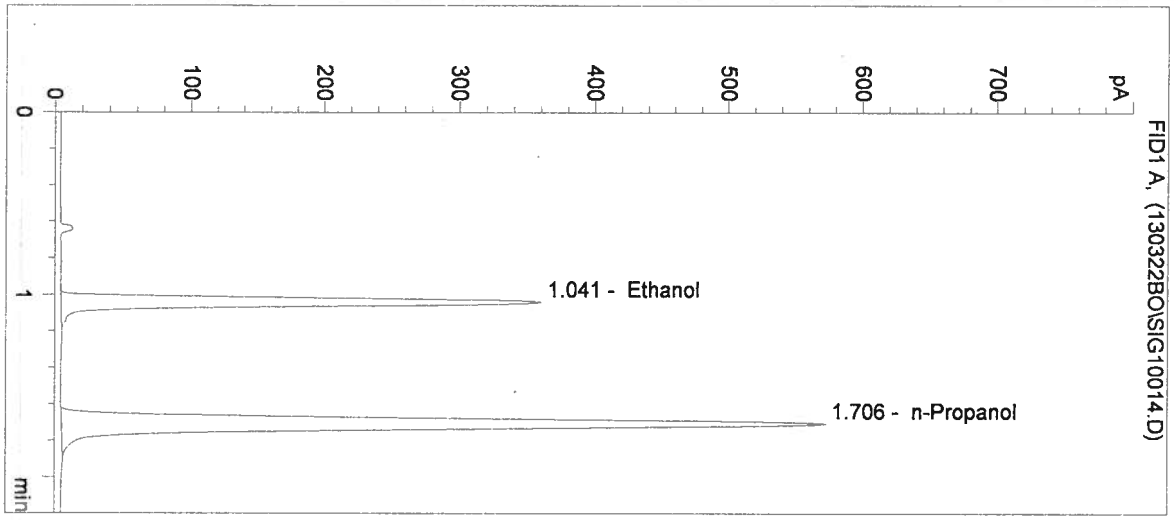
n-Propanol 0.012 g/100mL

BW

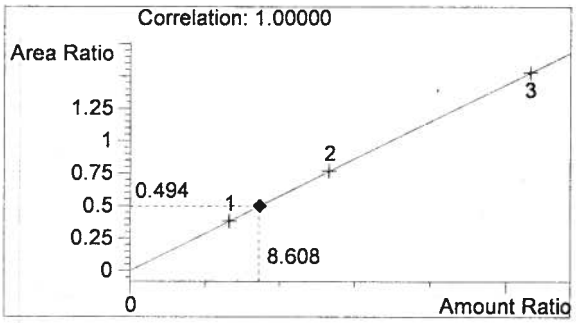
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 3:03:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

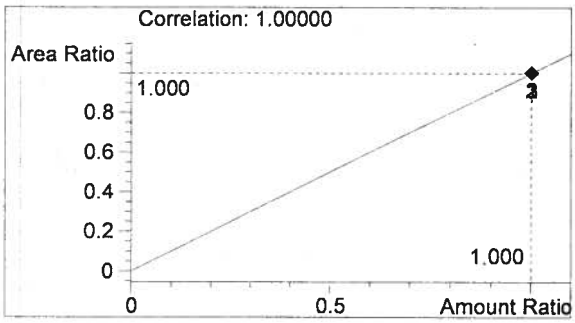
Sample Name: 13007 #5
Operator: Brianne E. O'Reilly
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1110	1.041
2	n-Propanol	2247	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

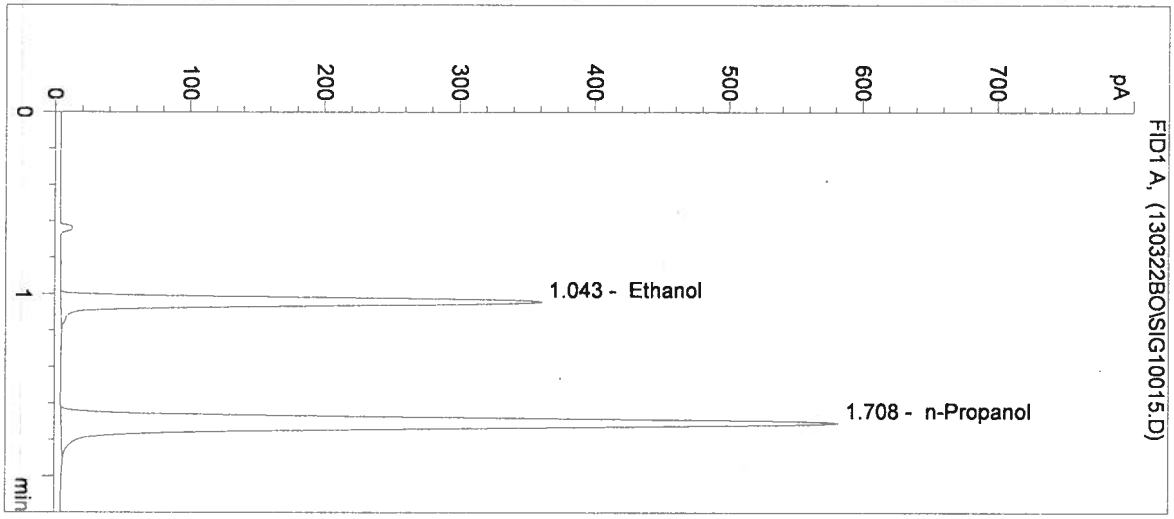
Data File: C:\HPCHEM\1\DATA\130322BO\SIG10014.D

BEO

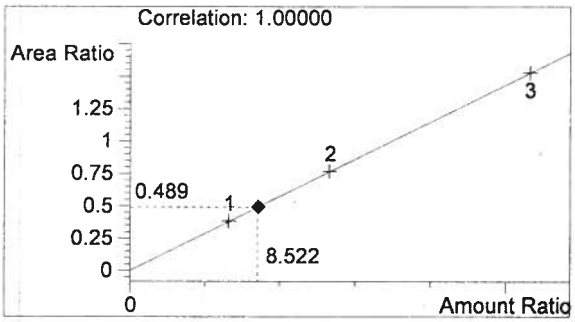
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 3:06:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 2: 0.10 g/100 mL

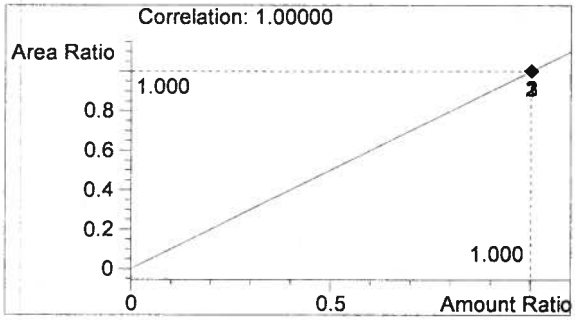
Sample Name: CTRL 2 (0.10)-BO
Operator: Brianne E. O'Reilly
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1121	1.043
2	n-Propanol	2291	1.708



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

#13007

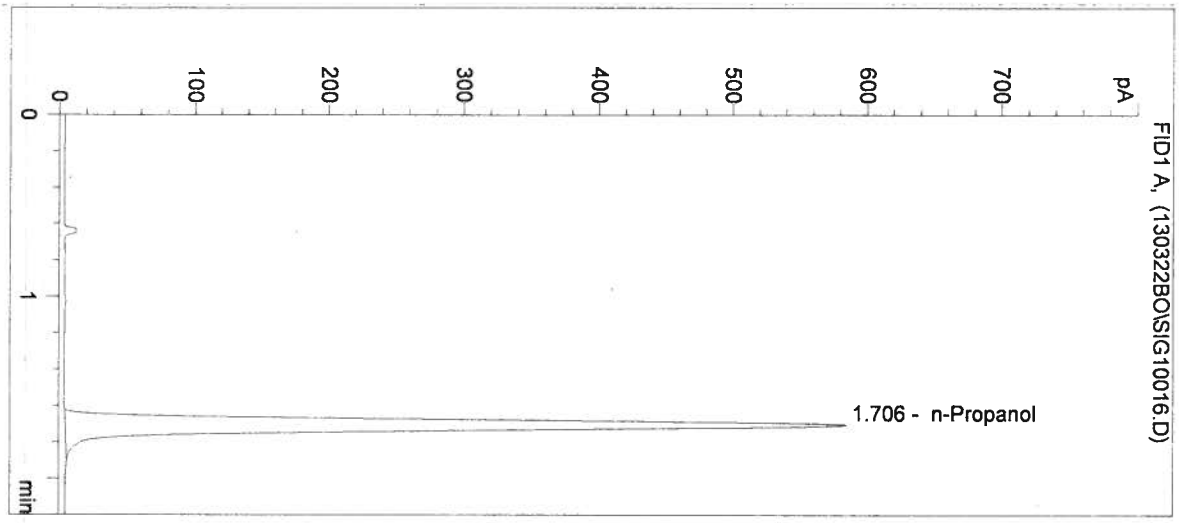
Data File: C:\HPCHEM\1\DATA\130322BO\SIG10015.D

BWO

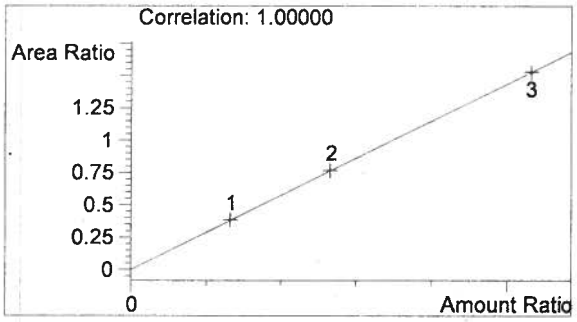
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/22/2013 3:09:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

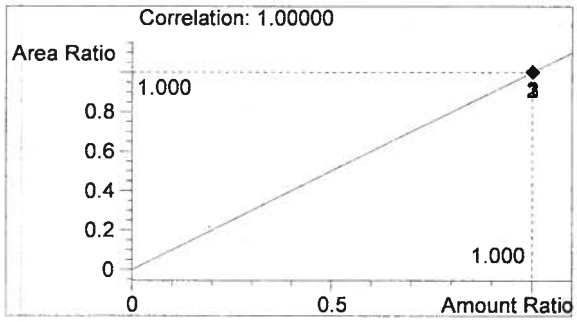
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2298	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

I 3 0 0 7

BW