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

AN ASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/18/2009

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 14009

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: 03/27/2014
BATCH UNITS: g/100mL

IDENTITY: External Standard Solution
PREPARED BY: Brittany Ball

	BB	KK	AG	LL	CM	SS	DCS	AJL
1	0.104	0.104	0.103	0.103	0.104	0.105	0.103	0.103
2	0.102	0.103	0.103	0.103	0.104	0.104	0.103	0.103
3	0.103	0.103	0.103	0.103	0.105	0.103	0.103	0.105
4	0.103	0.104	0.103	0.105	0.104	0.103	0.104	0.104
5	0.103	0.104	0.103	0.104	0.104	0.104	0.106	0.105
C	0.101	0.102	0.101	0.101	0.101	0.101	0.101	0.104

ETHANOL CONTROL INFORMATION
LOT NUMBER: A095230 EXPIRATION: 09/2017 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1036 g/100mL
STANDARD DEVIATION: 0.00084
PRECISION CV (%): 0.81
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0842 g/210L**
EXPANDED UNCERTAINTY: ± 0.0028 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Lisa Noble — Lisa Noble
Forensic Scientist Supervisor

4/25/14
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
BB	Brittany Ball	Brittany Ball	03/27/2014
KK	Katie Knorr	Katie Knorr	03/27/2014
AG	Andrew Gingras	[illegible]	03/31/2014
LL	Lyndsey Lowe	[illegible]	04/01/2014
CM	Christie Mitchell-Mata	[illegible]	04/02/2014
SS	Sarah M. Swenson	[illegible]	04/07/2014
DCS	Dawn C. Sklerov	[illegible]	04/07/2014
AJL	Asa J. Louis	[illegible]	04/09/2014

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 #: 14009 **Date Prepared:** 3/27/2014

Analyst:	BB	KK	AG	LL	CM	SS	DCS	AJL
Date Tested:	3/27/2014	3/27/2014	3/31/2014	4/1/2014	4/2/2014	4/7/2014	4/7/2014	4/9/2014
Instrument:	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1
1	0.104	0.104	0.103	0.103	0.104	0.105	0.103	0.103
2	0.102	0.103	0.103	0.103	0.104	0.104	0.103	0.103
3	0.103	0.103	0.103	0.103	0.105	0.103	0.103	0.105
4	0.103	0.104	0.103	0.105	0.104	0.103	0.104	0.104
5	0.103	0.104	0.103	0.104	0.104	0.104	0.106	0.105
C	0.101	0.102	0.101	0.101	0.101	0.101	0.101	0.104

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000653673	0.0001109328	0.0001016326

Ethanol Control Lot #: A095230
Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1036 g/100mL
Standard Deviation: 0.00084 g/100mL
Precision CV (%): 0.81
Equivalent Vapor Concentration: 0.0842 g/210L
Combined Standard Uncertainty (±): 0.0014 g/210L
Expanded Uncertainty (±): 0.0028 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Lisa Noble (Name) Lsahorne (Signature) 4/17/14 (Date)

Calculations verified by: Amanda M. Black (Name) [signature] (Signature) 4-25-2014 (Date)

Method: Hand Calculation

Technical review of batch file performed by:

Lisa Noble (Name) Lsahorne (Signature) 4/17/14 (Date)

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 4-25-2014

Location: WSP-FLSB Seattle, WA **Solution Batch Number:** 14009

	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:** 4-25-2014

Reviewer Signature: N/A AB 4-25-14 **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
Amanda Chandler		
Andrew Gingras	AG	4/21/14
Asa Louis	AL	20140421
Brittany Ball	BB	4/18/14
Christie Mitchell-Mata	CM	4/21/14
Christopher Johnston		
Dawn Sklerov	DS	4.21.14
Justin Knoy		
Katie Knorr	KK	4/18/14
Lyndsey Lowe	LL	4.18.14
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson	SMS	4/18/14

Batch # 14009

JAY INSLEE
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 14009

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 14009, was prepared in the Washington State Toxicology Laboratory on 3/27/2014. 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 3/27/2015.

Seattle, WA

Brittany Ball 4/18/14

Brittany Ball Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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WASHINGTON STATE PATROL
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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14009

I, Katie Knorr, 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 in Biochemistry and MS degree in Forensic Science.

The external standard solution, Lot Number 14009, was prepared in the Washington State Toxicology Laboratory on 3/27/2014. 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 3/27/2015.

Seattle, WA

Katie Knorr 4/18/14

Katie Knorr Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14009

I, Andrew Gingras, 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 Cell and Molecular Biology and MS degree in Forensic Science.

The external standard solution, Lot Number 14009, was prepared in the Washington State Toxicology Laboratory on 3/27/2014. 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 3/27/2015.

Seattle, WA

4/21/14

Andrew Gingras — Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14009

I, Lyndsey Lowe, 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.

The external standard solution, Lot Number 14009, was prepared in the Washington State Toxicology Laboratory on 3/27/2014. 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 3/27/2015.

Seattle, WA

Lyndsey Lowe 4-18-14

Lyndsey Lowe Date
Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14009

I, Christie Mitchell-Mata, 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: BA degree in Chemistry, MFS degree in Forensic Science, and over four years experience in forensic toxicology.

The external standard solution, Lot Number 14009, was prepared in the Washington State Toxicology Laboratory on 3/27/2014. 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 3/27/2015.

Seattle, WA

4/21/14

Christie Mitchell-Mata Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14009

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 14009, was prepared in the Washington State Toxicology Laboratory on 3/27/2014. 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 3/27/2015.

Seattle, WA

4/18/14

Sarah M. Swenson — Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14009

I, Dawn C. Sklerov, 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 in Forensic Chemistry and over nine years of experience in the field of toxicology.

The external standard solution, Lot Number 14009, was prepared in the Washington State Toxicology Laboratory on 3/27/2014. 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 3/27/2015.

Seattle, WA

Dawn C Sklr 4-21-14

Dawn C. Sklerov Date
Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14009

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 14009, was prepared in the Washington State Toxicology Laboratory on 3/27/2014. 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 3/27/2015.

Seattle, WA

20140421

Asa J. Louis Date

Forensic Toxicologist

WSP-TLD	COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 3/27/14 Initials of Preparer: BB

Expiration Date: 3/27/15

Lot # of 200-proof Ethanol used in preparation: 2CB0070

Date the 200-proof Ethanol bottle was opened: 2/12/14

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	☑	14009

Stir bar is rotating	☑
Stirred for minimum 30 minutes; 2 hours for ESS	☑
Spigot purged	☑
Aliquot taken	☑
Batch labeled, packaged and sealed	☑ 3/27/14 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:

Brittany Ball
Analyst Signature

3/27/14
Date

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:	140327BB
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#E1213-01 Exp 6/3/14
Cal 2 (0.158g/100mL) Lot#E1213-02 Exp 6/3/14
Cal 3 (0.316g/100mL) Lot#E1213-03 Exp 6/3/14
0.04 g/100mL Control 1 - Lot #FN120110-04 - Exp. 12/2015
0.10 g/100mL Control 2 - Lot #A095230 - Exp. 09/2017
0.20 g/100mL Control 3 - Lot #FN100511-01 - Exp. 10/2016
ISTD Lot#P0114 Exp 04/26/14

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	14009-1	SIMALC1	1	Sample		
11	Vial 11	14009-2	SIMALC1	1	Sample		
12	Vial 12	14009-3	SIMALC1	1	Sample		
13	Vial 13	14009-4	SIMALC1	1	Sample		
14	Vial 14	14009-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL BB	SIMALC1	1	Ctrl Samp		

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!

14009

BB

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

Calibration Table

Calib. Data Modified : Thursday, March 27, 2014 10:38:07 AM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	8.00300e-2	880.43280	9.08985e-5	1		Ethanol
		2	1.58560e-1	1740.39832	9.11056e-5			
		3	3.21220e-1	3577.69312	8.97841e-5			
1.703	1	1	1.20000e-2	2293.16650	5.23294e-6	I1		n-Propanol
		2	1.20000e-2	2290.32104	5.23944e-6			
		3	1.20000e-2	2330.27686	5.14960e-6			

14009

Peak Sum Table

No Entries in table

BB

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Calibration Curves

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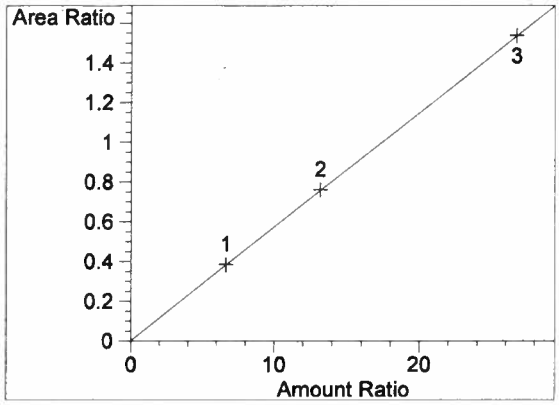
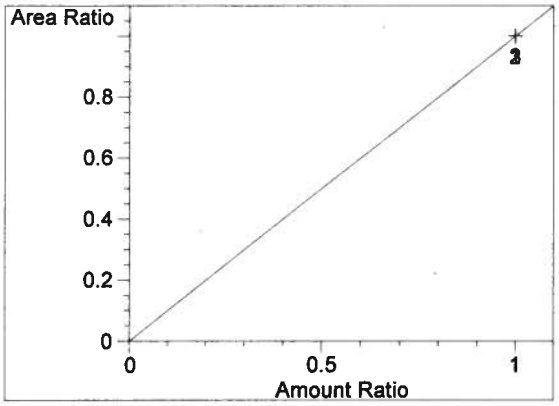


Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00125
Formula: y = mx + b
m: 5.73453e-2
b: 9.83315e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.703
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

==========

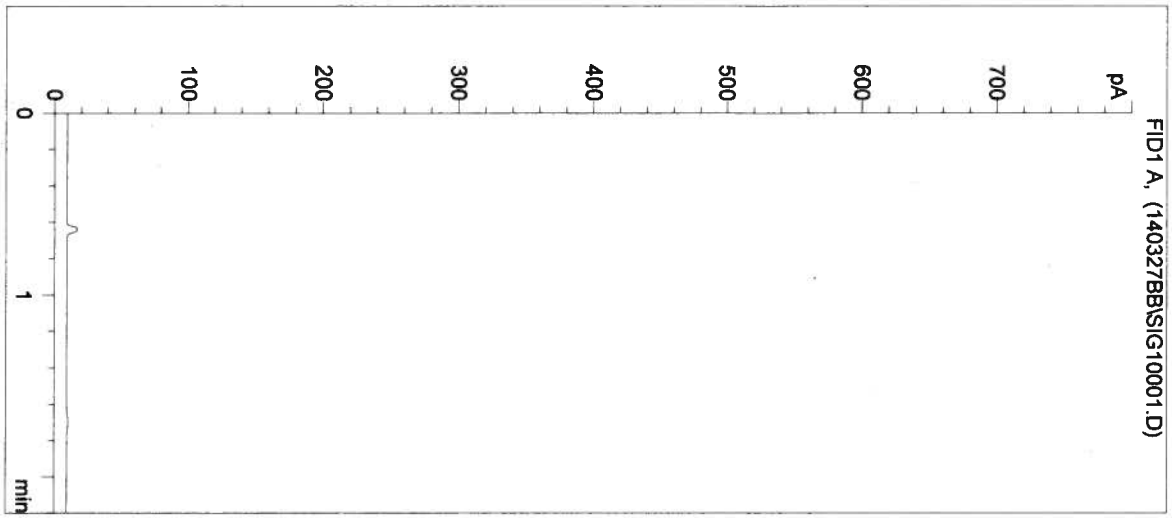
14009

BB

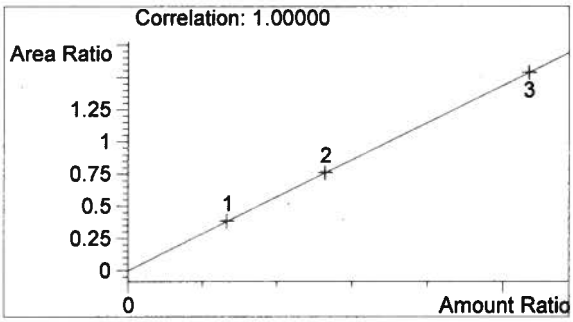
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:26:39 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

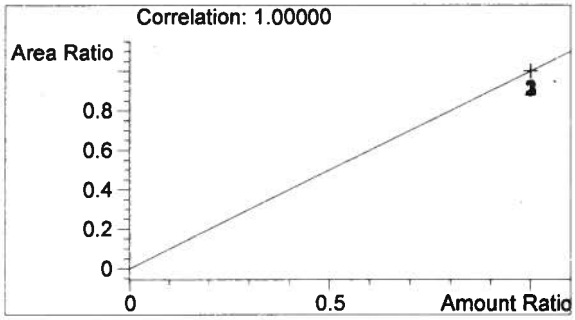


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14009



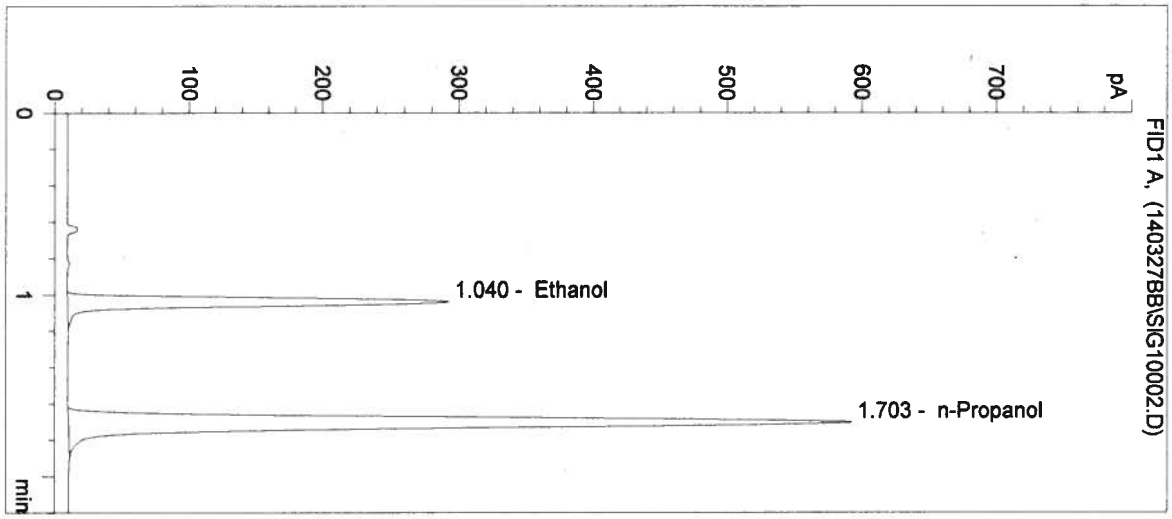
n-Propanol 0.000 g/100mL

BB

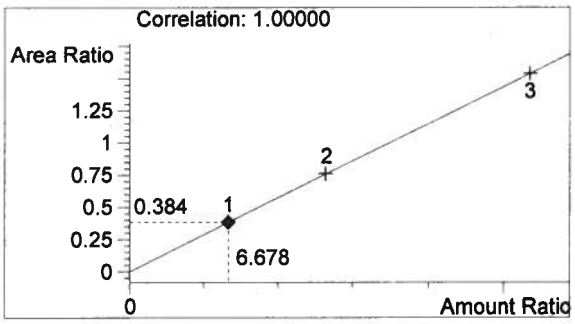
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:29:44 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

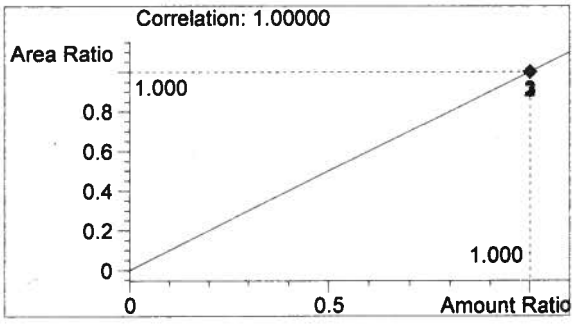
Sample Name: 0.079 CAL
Operator: Brittany Ball
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	880	1.040
2	n-Propanol	2293	1.703



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

14009

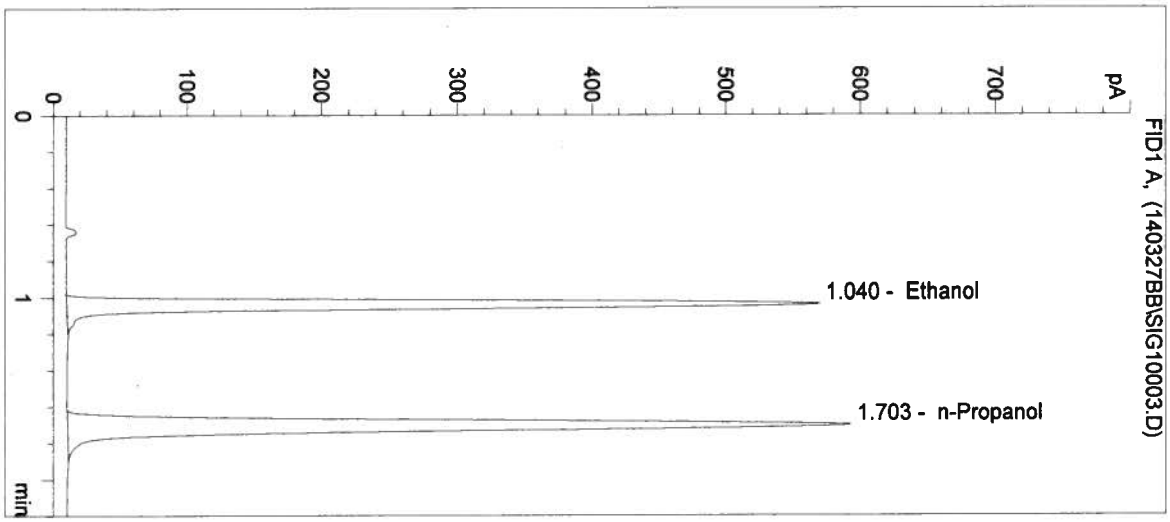
Data File: C:\HPCHEM\1\DATA\140327BB\SIG10002.D

BB

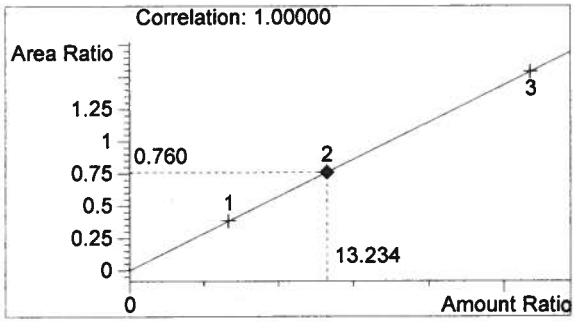
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:32:49 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

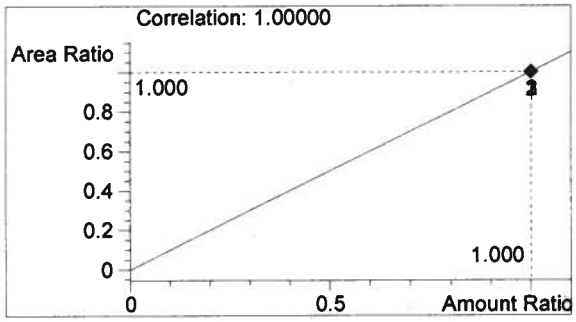


#	Compound	Peak Area	RT (min)
1	Ethanol	1740	1.040
2	n-Propanol	2290	1.703



Ethanol 0.159 g/100mL

14009



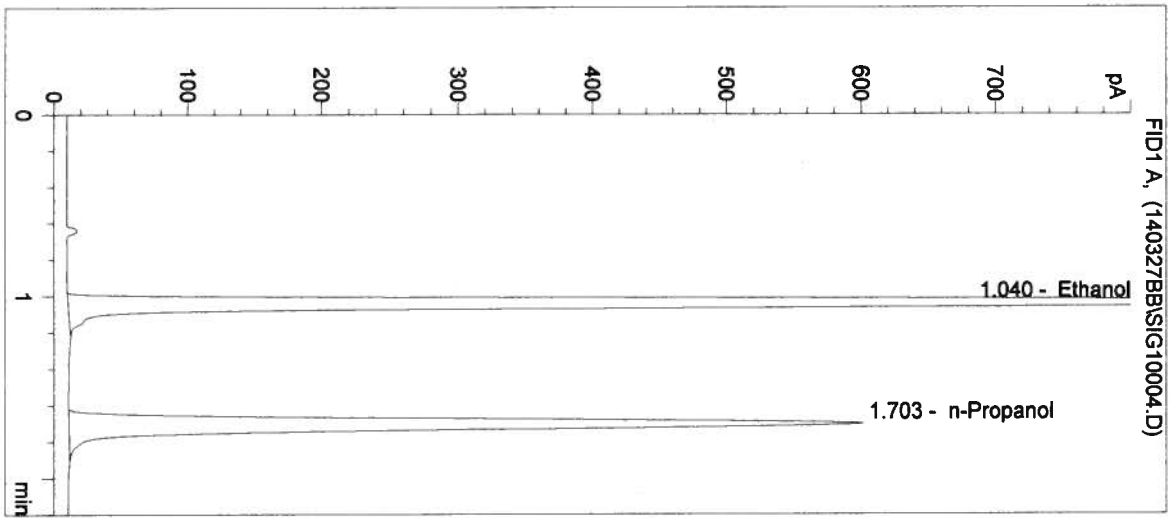
n-Propanol 0.012 g/100mL

BB

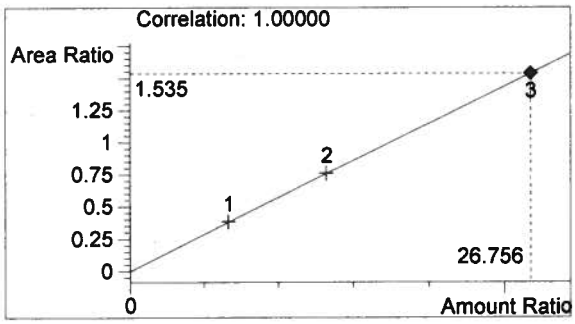
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:35:53 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

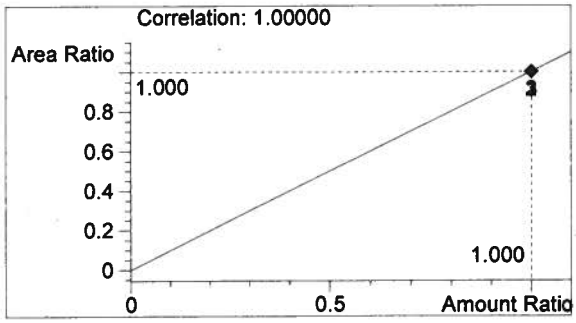


#	Compound	Peak Area	RT (min)
1	Ethanol	3578	1.040
2	n-Propanol	2330	1.703



Ethanol 0.321 g/100mL

14009



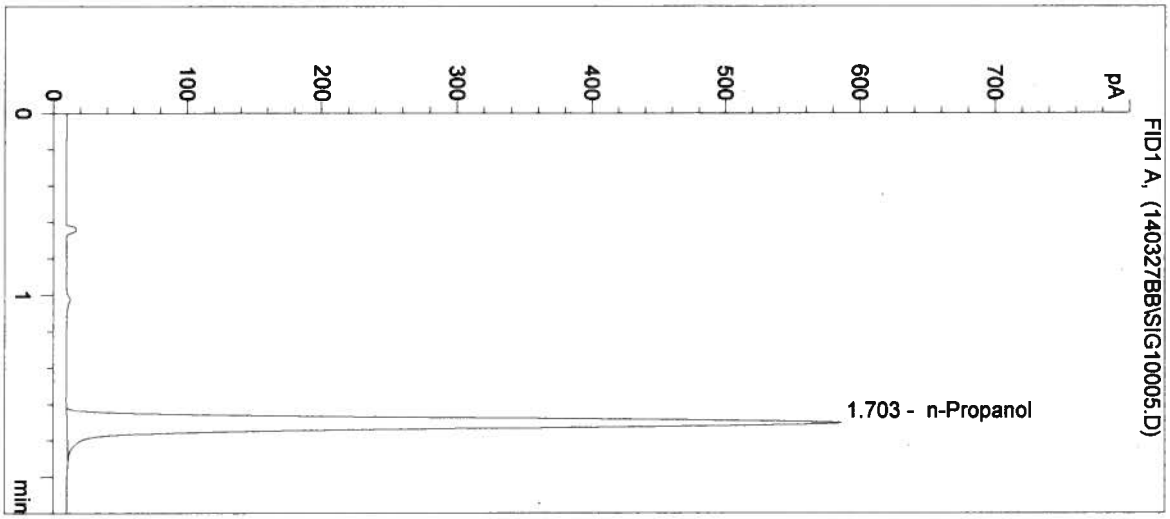
n-Propanol 0.012 g/100mL

BB

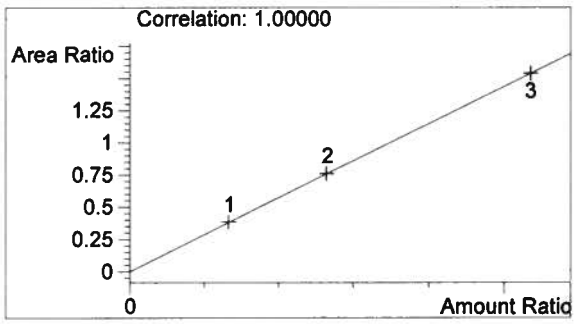
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:38:58 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

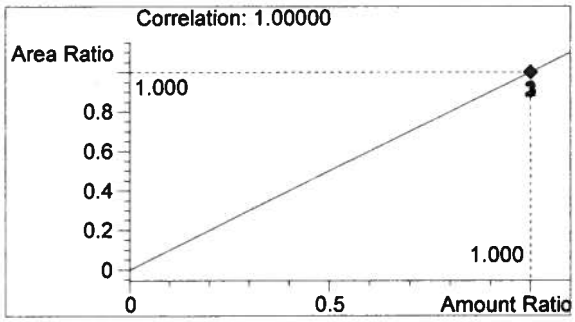


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2280	1.703



Ethanol 0.000 g/100mL

14009



n-Propanol 0.012 g/100mL

BB

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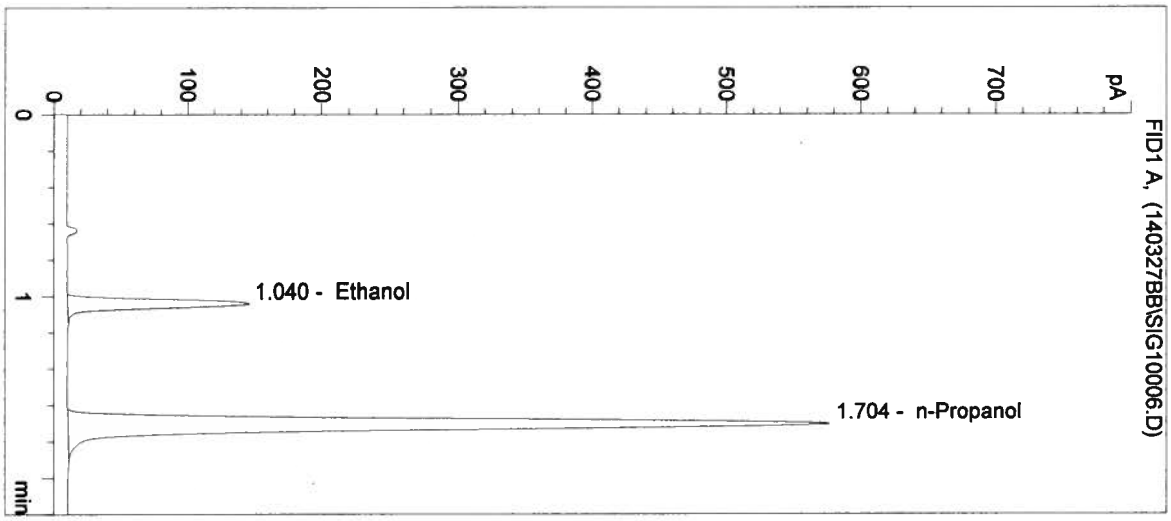
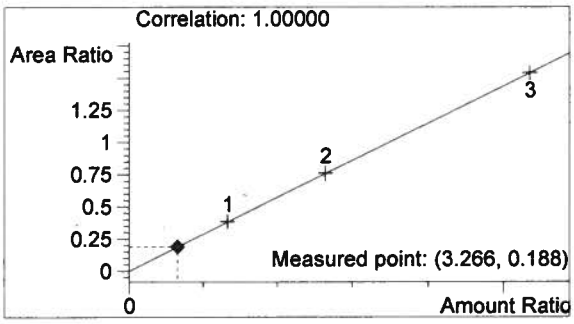
Inj. Date: 3/27/2014 10:42:03 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

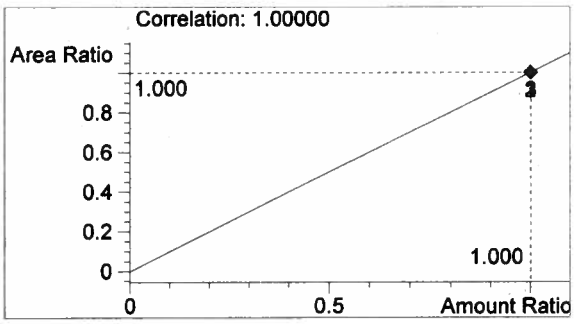


#	Compound	Peak Area	RT (min)
1	Ethanol	422	1.040
2	n-Propanol	2239	1.704



Ethanol 0.039 g/100mL

14009



n-Propanol 0.012 g/100mL

BB

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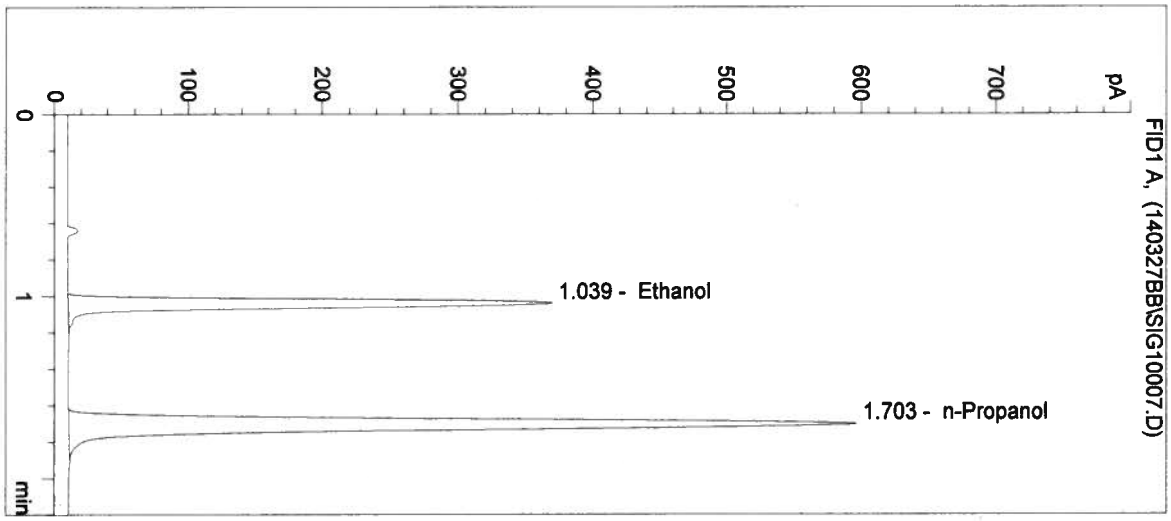
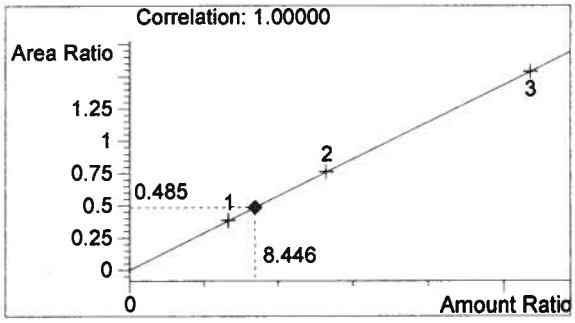
Inj. Date: 3/27/2014 10:45:08 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

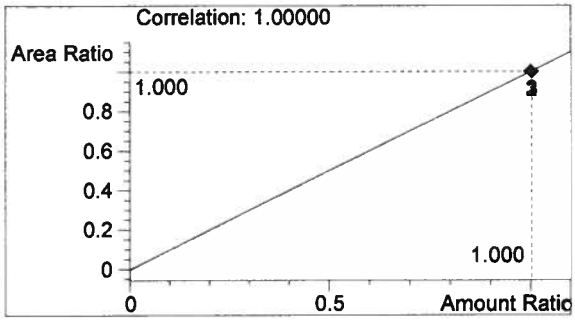
Sample Name: 0.10 CTRL BB
Operator: Brittany Ball
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1121	1.039
2	n-Propanol	2310	1.703



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

14009

Data File: C:\HPCHEM\1\DATA\140327BB\SIG10007.D

BB

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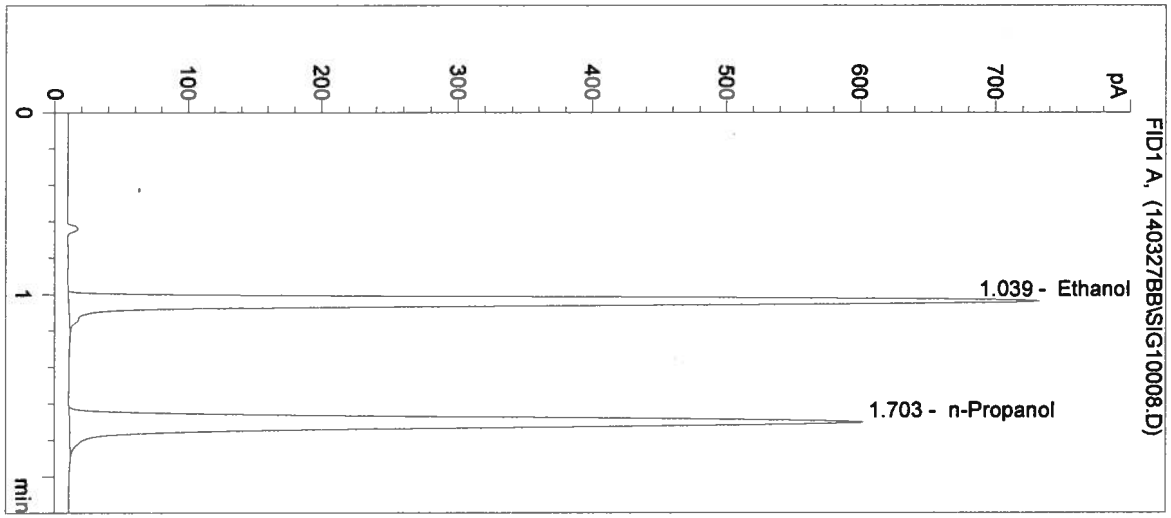
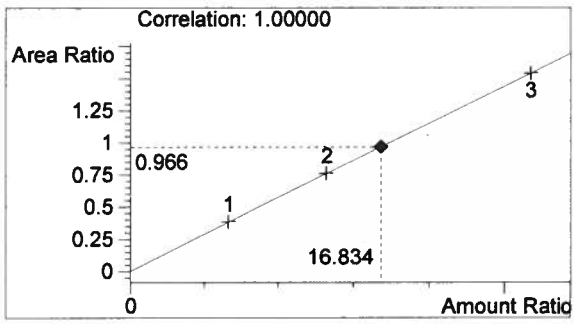
Inj. Date: 3/27/2014 10:48:13 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

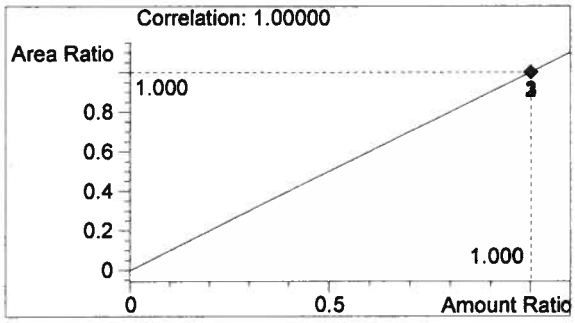
Sample Name: 0.20 CTRL BB
Operator: Brittany Ball
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2260	1.039
2	n-Propanol	2339	1.703



Ethanol 0.202 g/100mL



n-Propanol 0.012 g/100mL

14009

Data File: C:\HPCHEM\1\DATA\140327BB\SIG10008.D

BB

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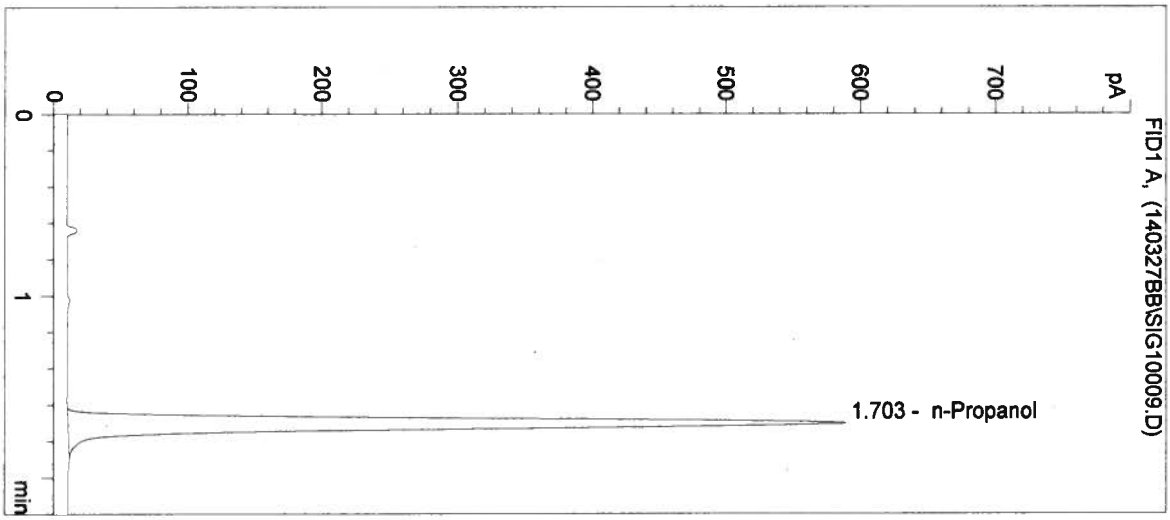
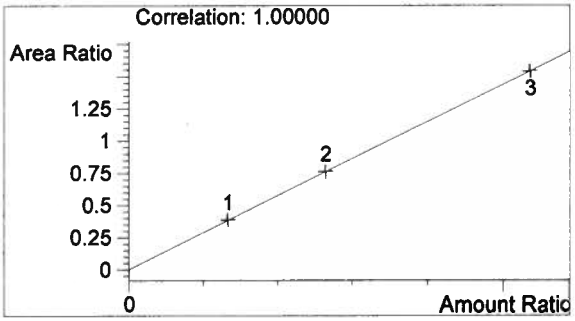
Inj. Date: 3/27/2014 10:51:18 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

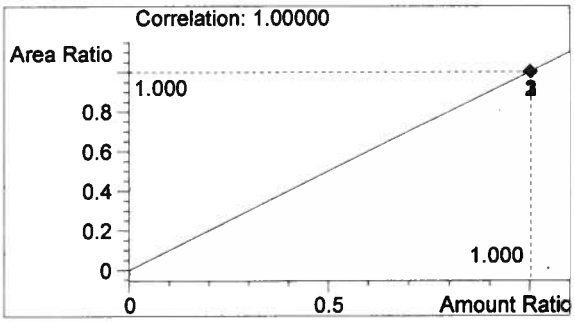
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2287	1.703



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14009

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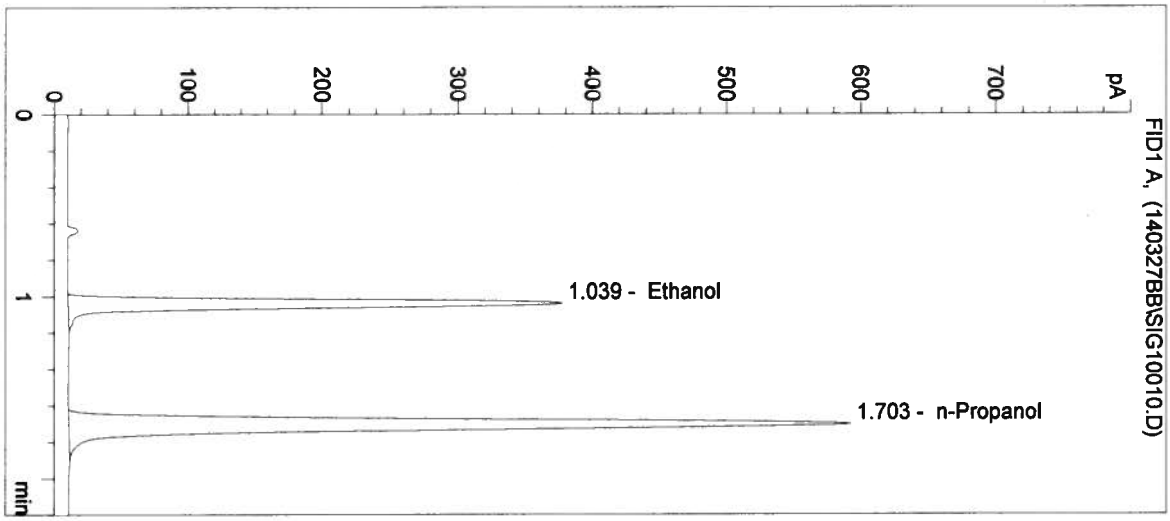
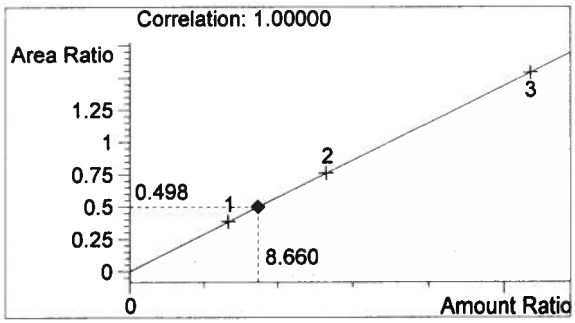
Inj. Date: 3/27/2014 10:54:22 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

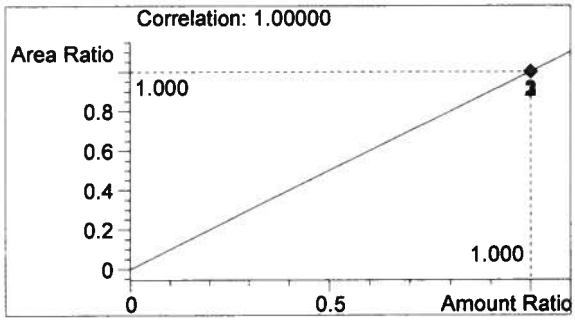
Sample Name: 14009-1
Operator: Brittany Ball
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1141	1.039
2	n-Propanol	2293	1.703



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

BB

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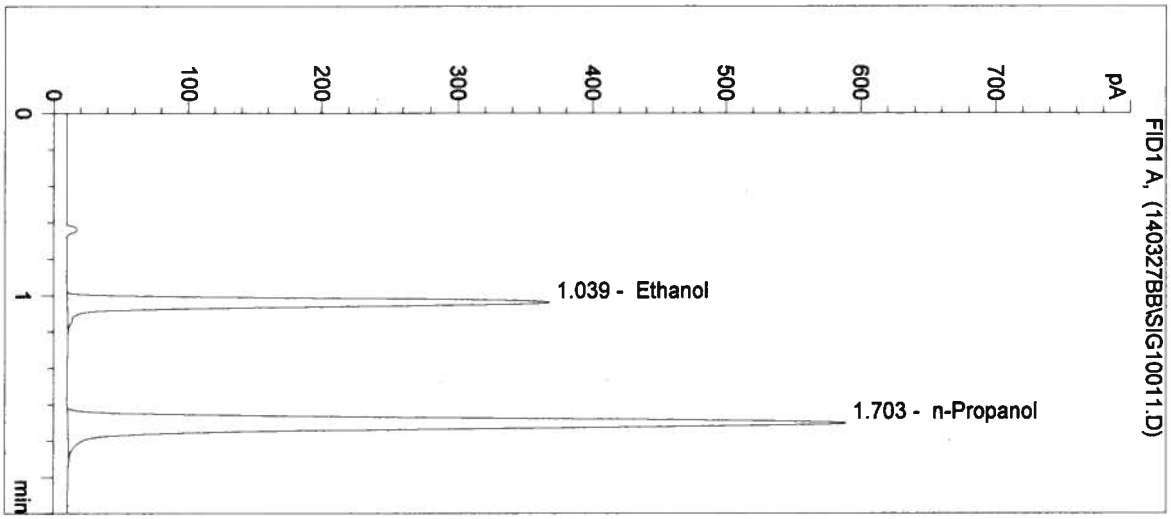
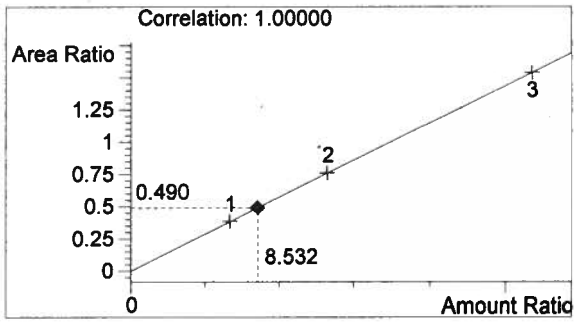
Inj. Date: 3/27/2014 10:57:27 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

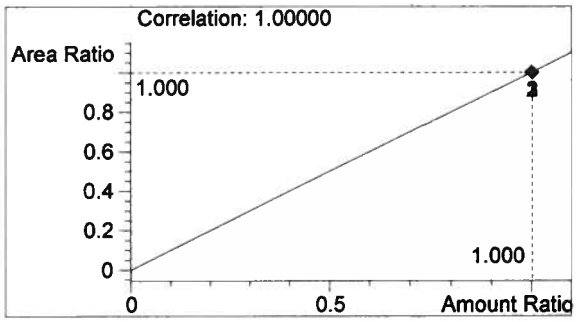
Sample Name: 14009-2
Operator: Brittany Ball
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1124	1.039
2	n-Propanol	2294	1.703



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

BB

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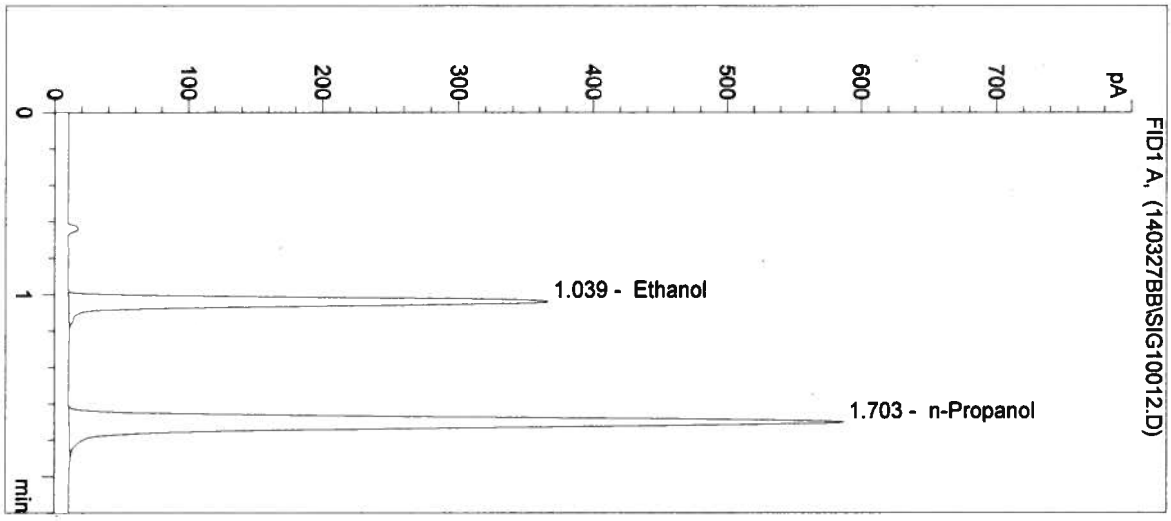
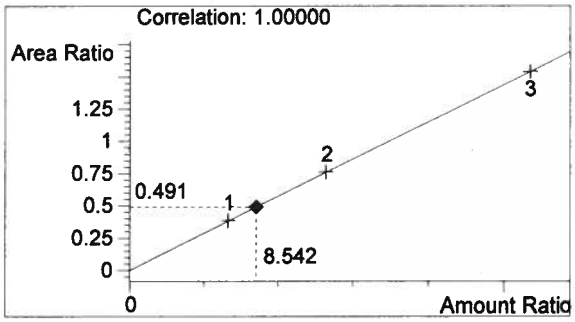
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 11:00:32 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

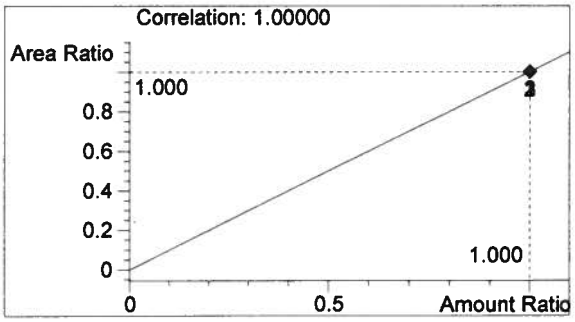
Sample Name: 14009-3
Operator: Brittany Ball
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1119	1.039
2	n-Propanol	2279	1.703



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

BB

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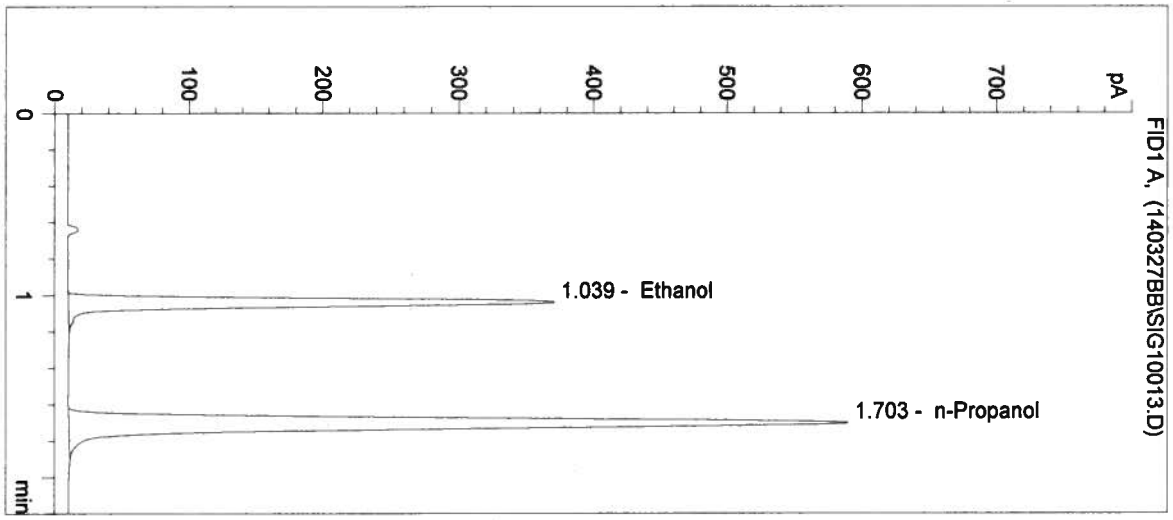
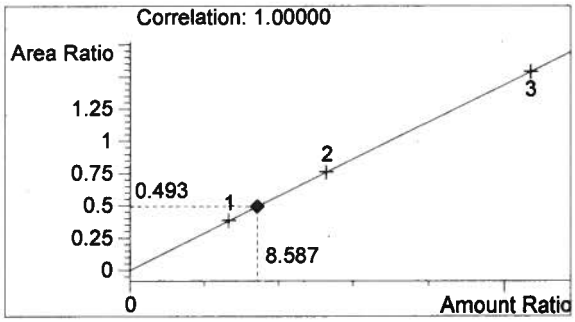
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 11:03:36 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

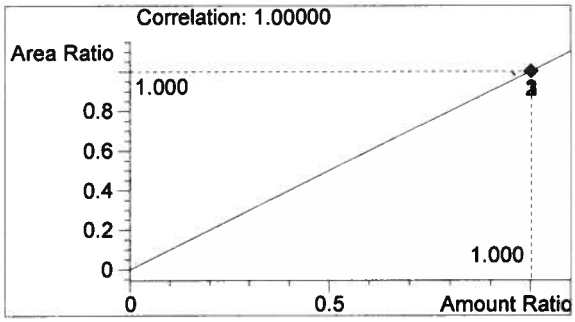
Sample Name: 14009-4
Operator: Brittany Ball
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1131	1.039
2	n-Propanol	2293	1.703



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

BB

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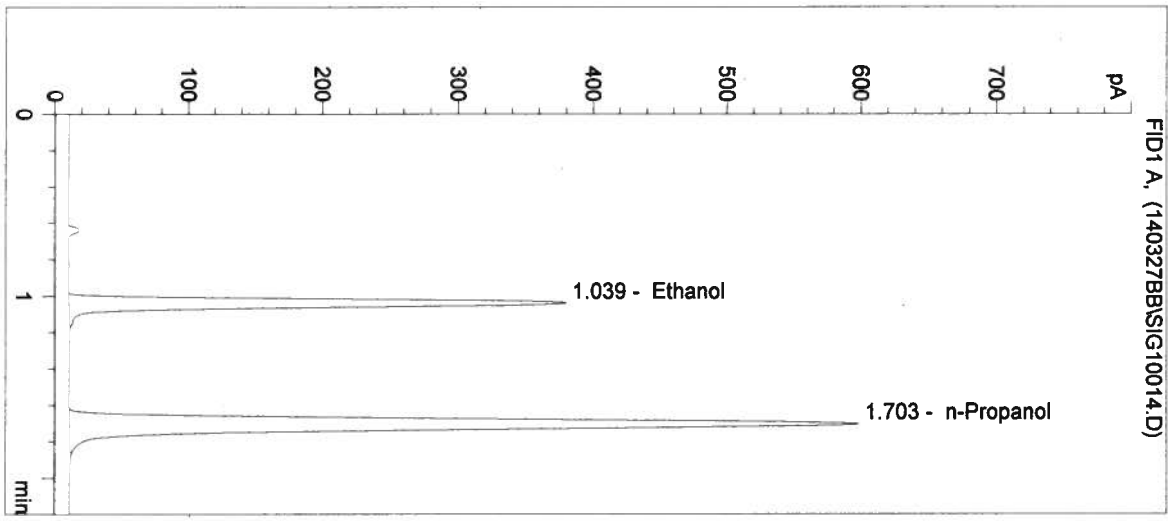
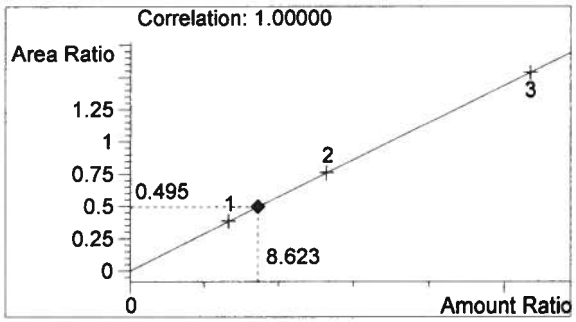
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 11:06:41 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

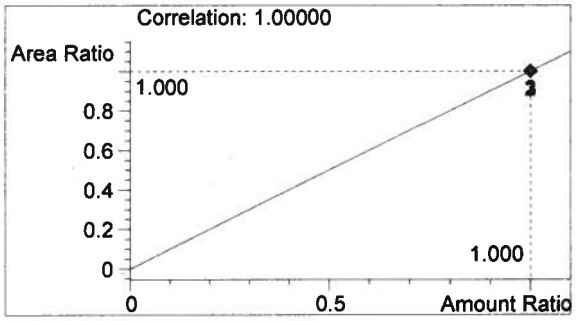
Sample Name: 14009-5
Operator: Brittany Ball
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1148	1.039
2	n-Propanol	2318	1.703



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

BB

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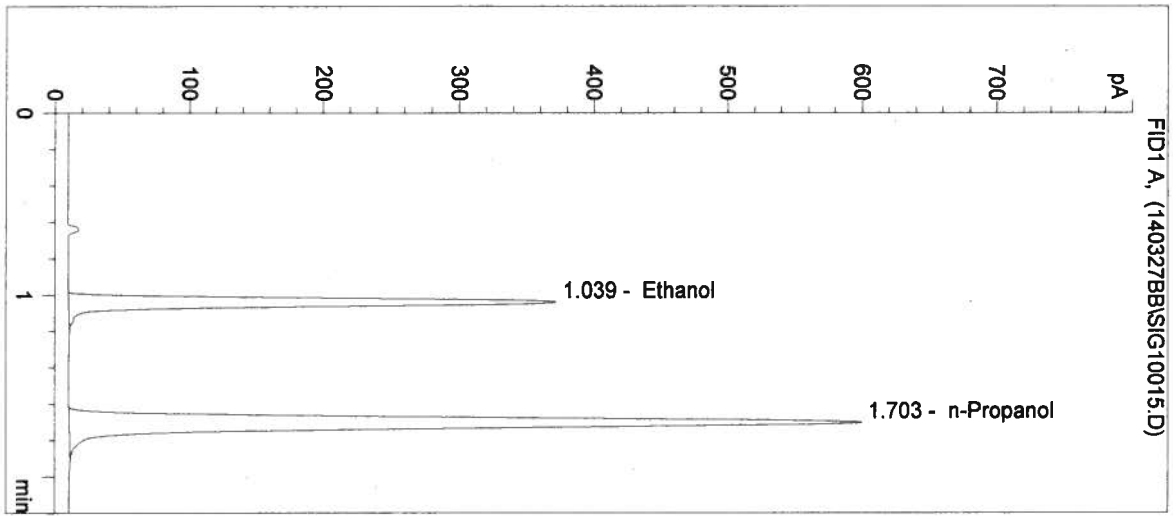
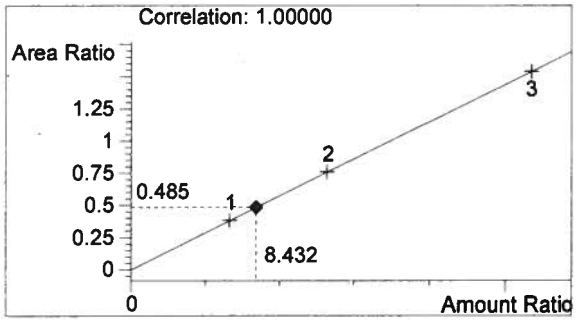
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 11:09:46 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

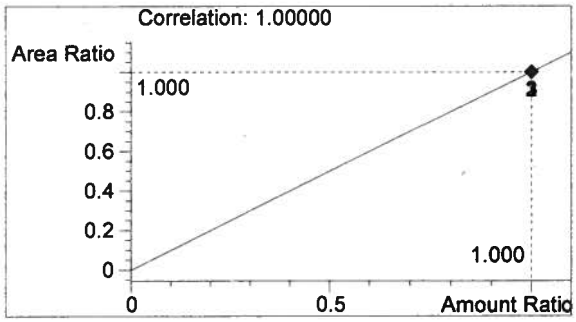
Sample Name: 0.10 CTRL BB
Operator: Brittany Ball
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1125	1.039
2	n-Propanol	2322	1.703



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

14009

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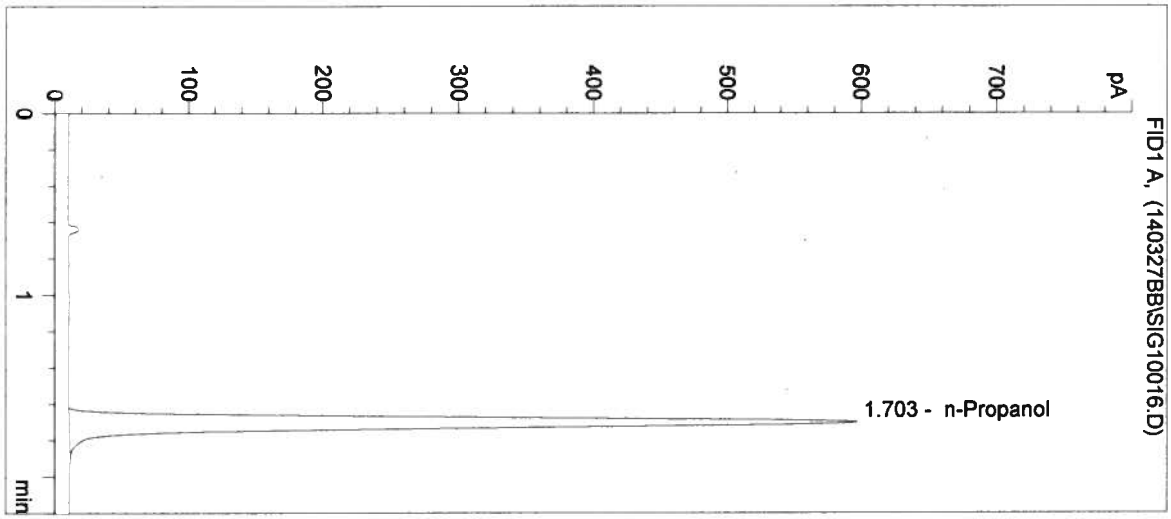
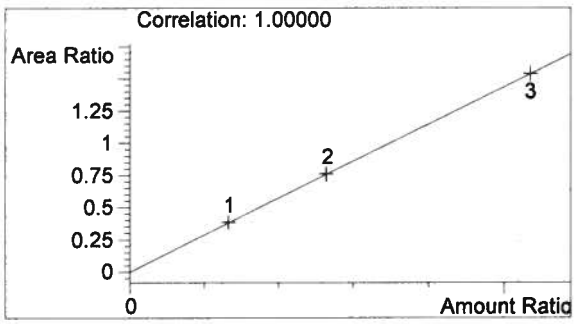
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 11:12:51 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

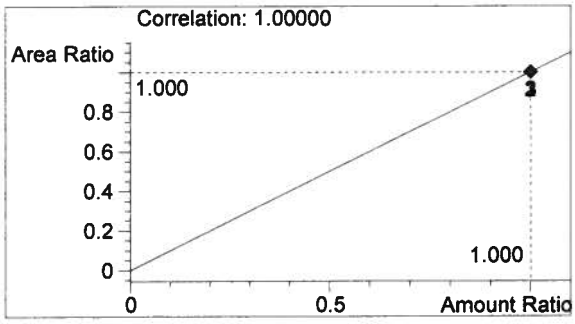


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2318	1.703



Ethanol 0.000 g/100mL

14009



n-Propanol 0.012 g/100mL

BB

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

Sequence Parameters:

Operator:	Katie Knorr
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:	140327KK
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#E1213-01 Exp 6/3/14
Cal 2 (0.158g/100mL) Lot#E1213-02 Exp 6/3/14
Cal 3 (0.316g/100mL) Lot#E1213-03 Exp 6/3/14
0.04 g/100mL Control 1 - Lot #FN120110-04 - Exp. 12/2015
0.10 g/100mL Control 2 - Lot #A095230 - Exp. 09/2017
0.20 g/100mL Control 3 - Lot #FN100511-01 - Exp. 10/2016
ISTD Lot#P0114 Exp 04/26/14

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	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	14009-1	SIMALC1	1	Sample		
11	Vial 11	14009-2	SIMALC1	1	Sample		
12	Vial 12	14009-3	SIMALC1	1	Sample		
13	Vial 13	14009-4	SIMALC1	1	Sample		
14	Vial 14	14009-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		

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	

KK

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

Sequence Table (Back Injector):

No entries - empty table!

14009

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Calibration Table

Calib. Data Modified : Thursday, March 27, 2014 1:45:55 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	8.00300e-2	931.40173	8.59243e-5	1		Ethanol
		2	1.58560e-1	1871.94800	8.47032e-5			
		3	3.21220e-1	3681.11670	8.72616e-5			
1.704	1	1	1.20000e-2	2460.00684	4.87804e-6		I1	n-Propanol
		2	1.20000e-2	2449.95679	4.89805e-6			
		3	1.20000e-2	2425.21191	4.94802e-6			

14009

Peak Sum Table

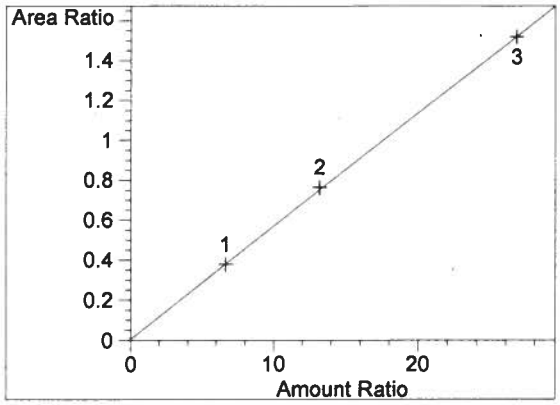
No Entries in table

KK

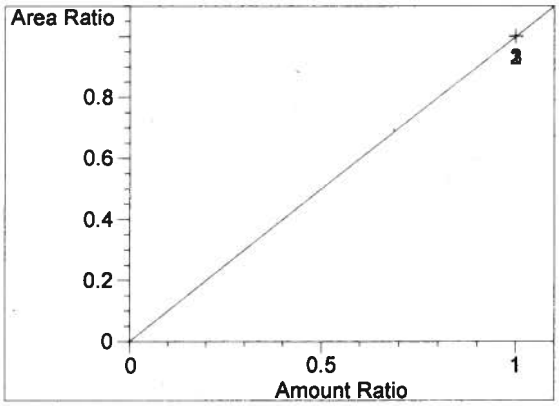
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99994
Residual Std. Dev.: 0.00896
Formula: y = mx + b
m: 5.67563e-2
b: 3.20418e-3
x: Amount Ratio
y: Area Ratio



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

==========

14009

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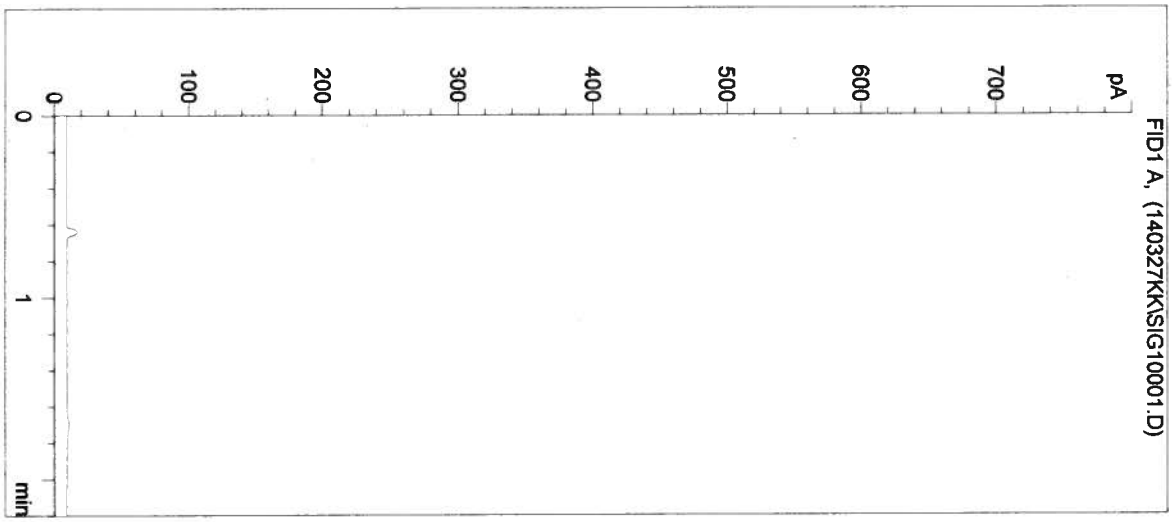
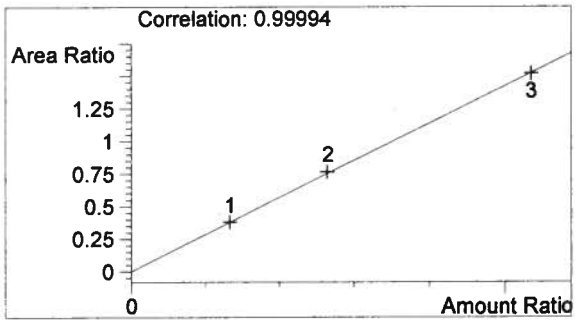
Inj. Date: 3/27/2014 1:34:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: BLANK
Operator: Katie Knorr
Location: Vial 1

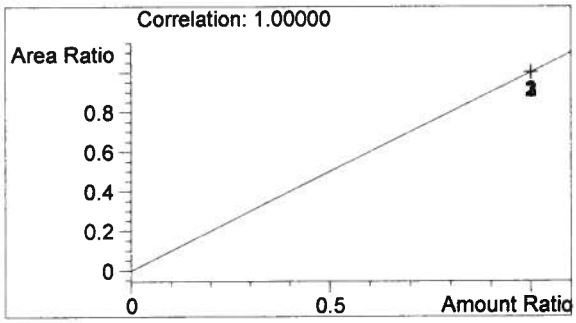


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14009



n-Propanol 0.000 g/100mL

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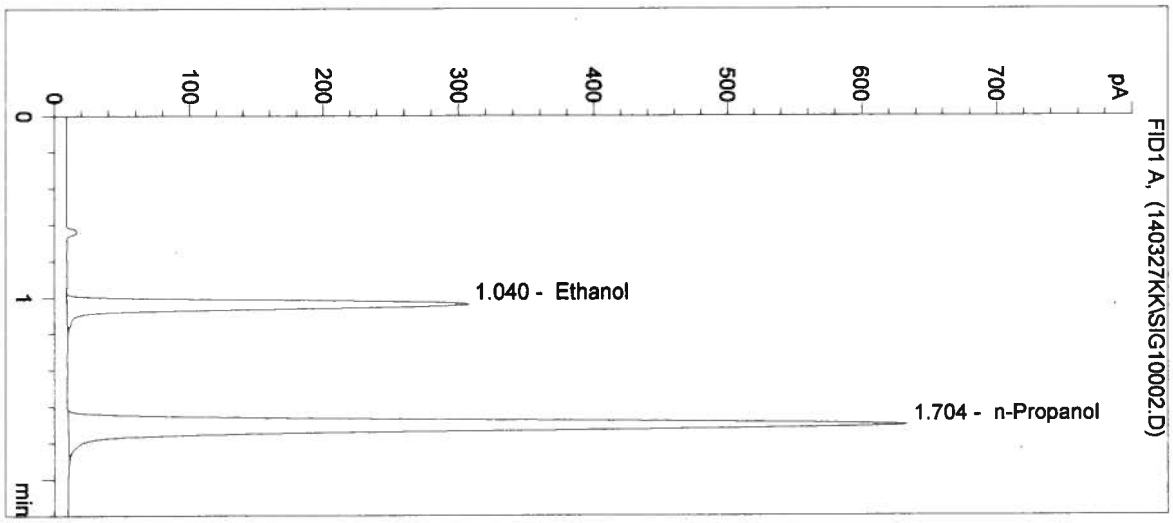
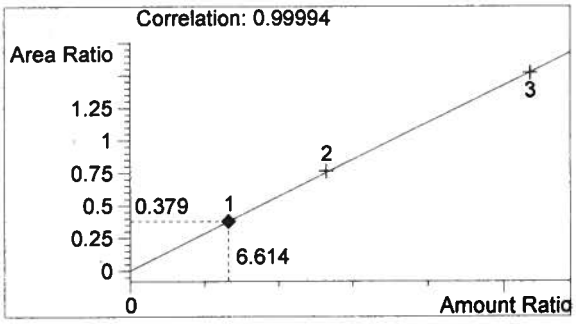
Inj. Date: 3/27/2014 1:37:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.079 CAL
Operator: Katie Knorr
Location: Vial 2

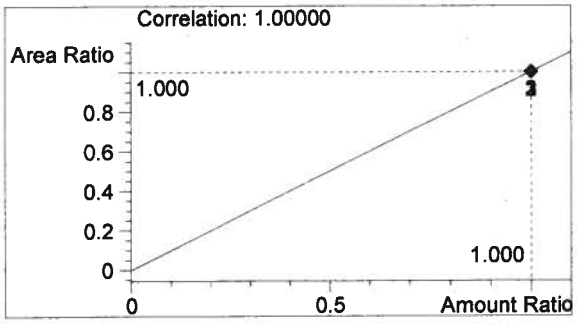


#	Compound	Peak Area	RT (min)
1	Ethanol	931	1.040
2	n-Propanol	2460	1.704



Ethanol 0.079 g/100mL

14009



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\140327KK\SIG10002.D

KK

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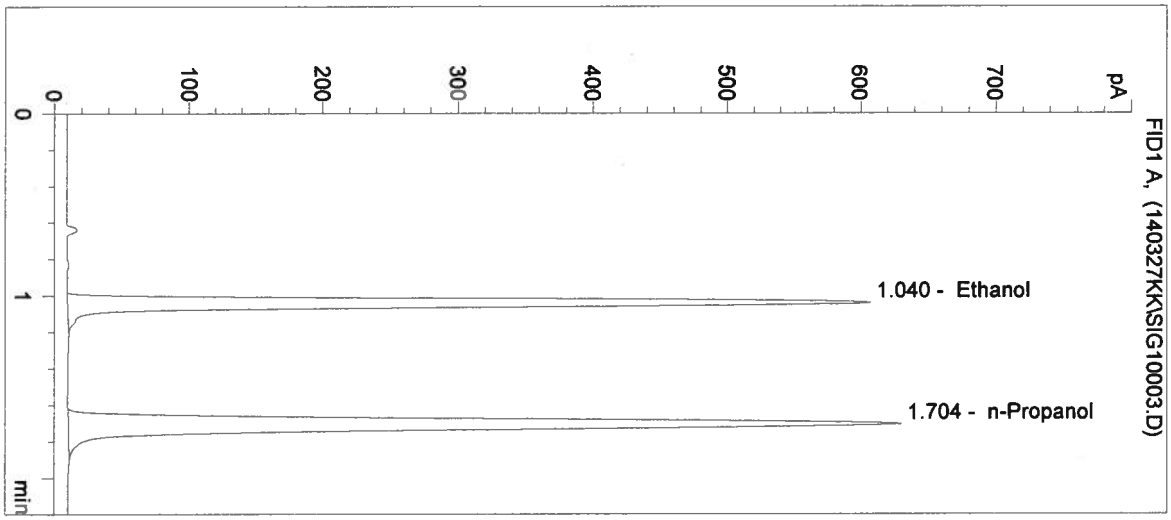
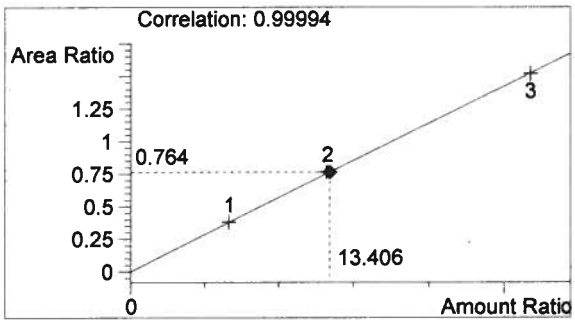
Inj. Date: 3/27/2014 1:40:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.158 CAL
Operator: Katie Knorr
Location: Vial 3

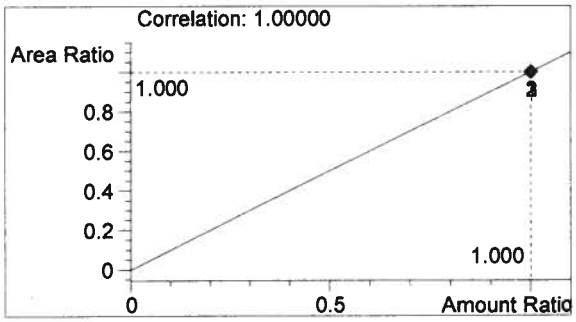


#	Compound	Peak Area	RT (min)
1	Ethanol	1872	1.040
2	n-Propanol	2450	1.704



Ethanol 0.161 g/100mL

14009



n-Propanol 0.012 g/100mL

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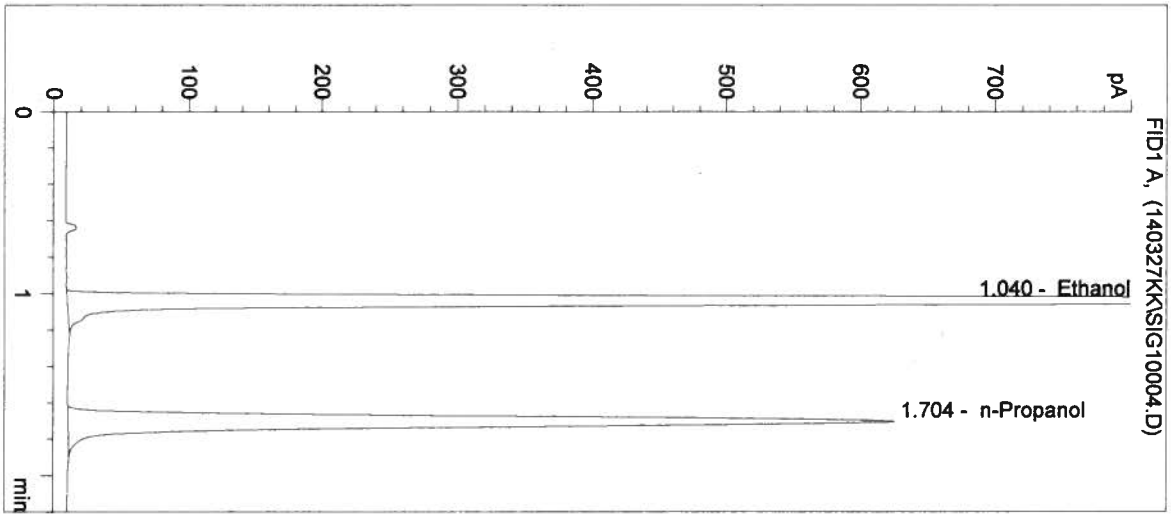
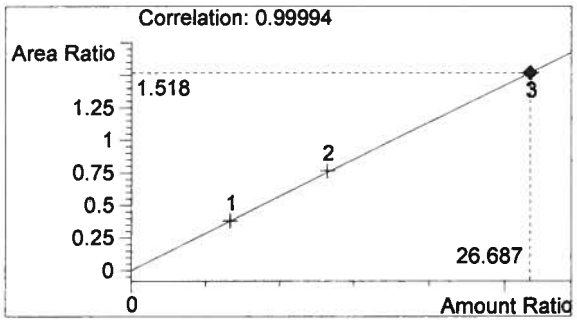
Inj. Date: 3/27/2014 1:43:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.316 CAL
Operator: Katie Knorr
Location: Vial 4

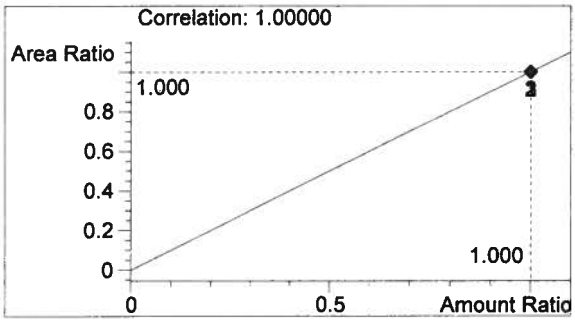


#	Compound	Peak Area	RT (min)
1	Ethanol	3681	1.040
2	n-Propanol	2425	1.704



Ethanol 0.320 g/100mL

14009



n-Propanol 0.012 g/100mL

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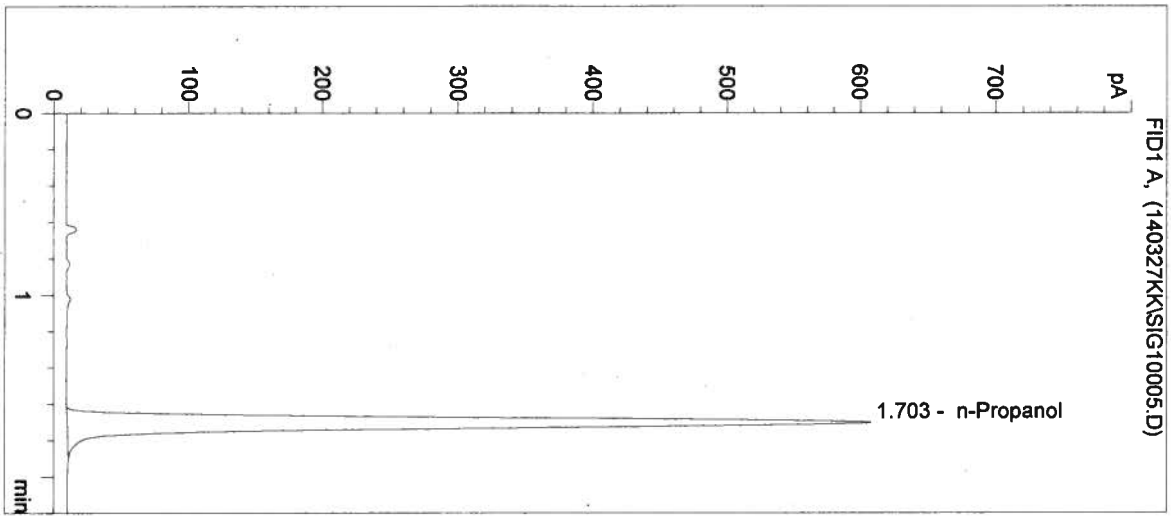
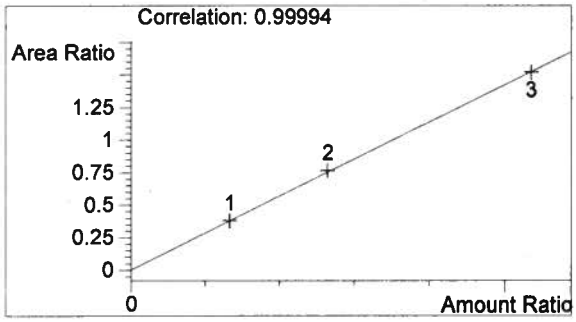
Inj. Date: 3/27/2014 1:46:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: NEG CTRL
Operator: Katie Knorr
Location: Vial 5

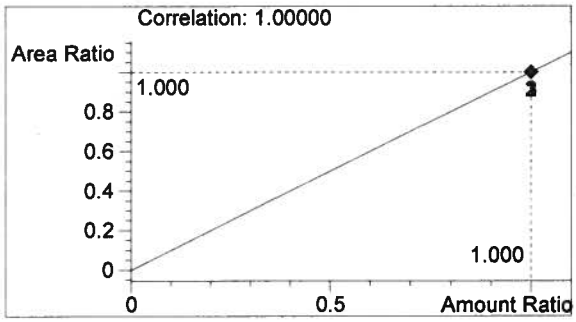


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2359	1.703



Ethanol 0.000 g/100mL

14009



n-Propanol 0.012 g/100mL

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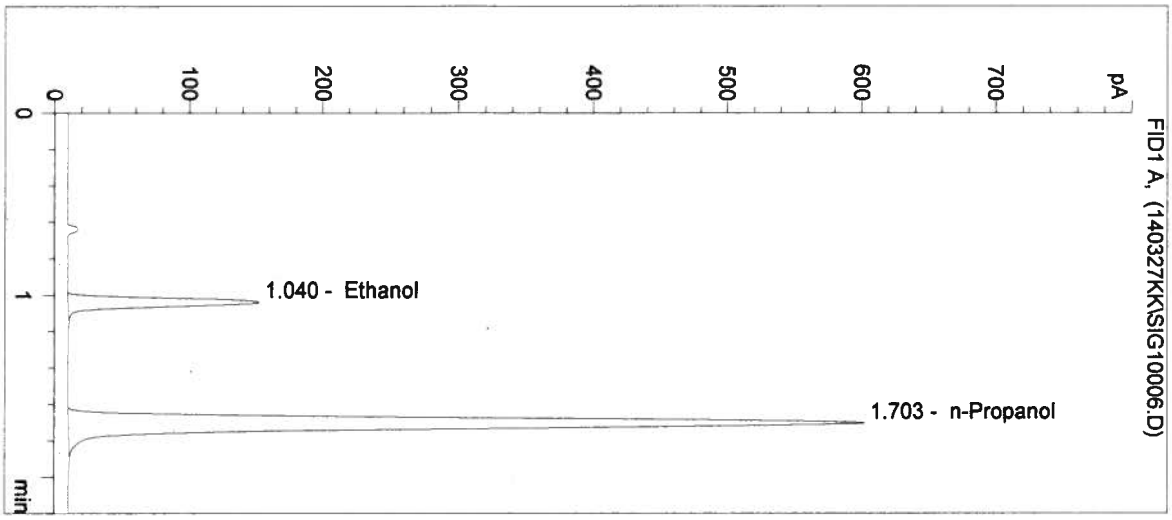
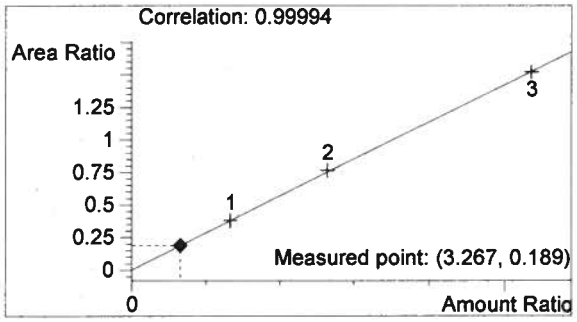
Inj. Date: 3/27/2014 1:49:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.04 CTRL
Operator: Katie Knorr
Location: Vial 6

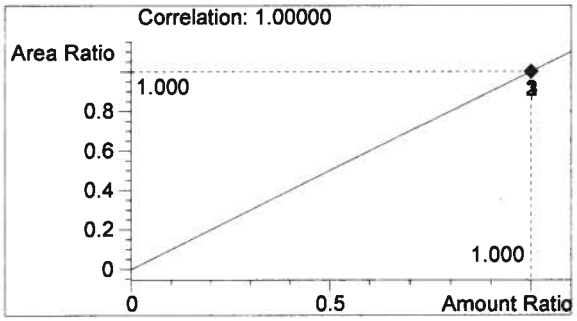


#	Compound	Peak Area	RT (min)
1	Ethanol	441	1.040
2	n-Propanol	2336	1.703



Ethanol 0.039 g/100mL

14009



n-Propanol 0.012 g/100mL

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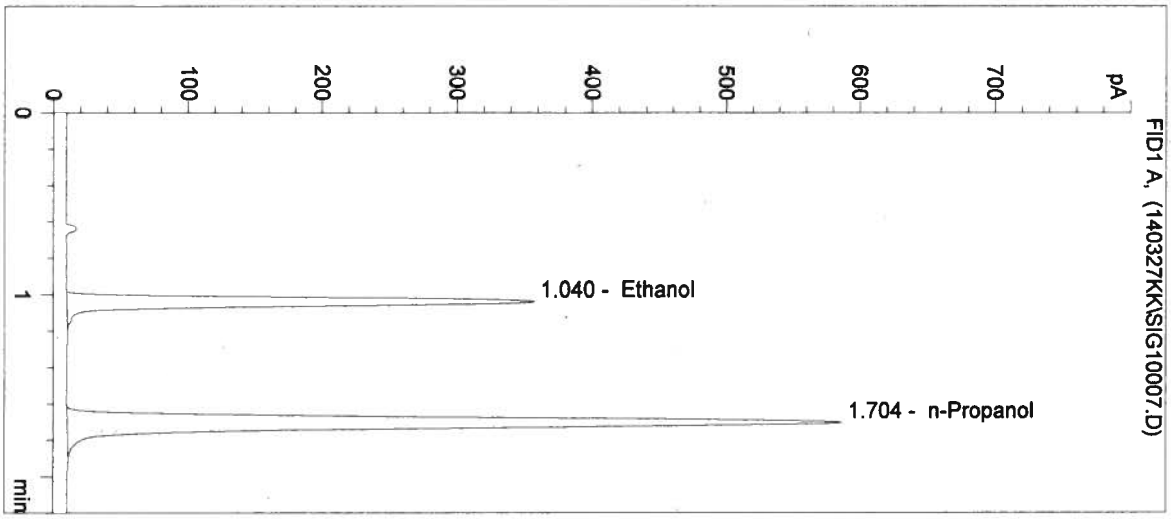
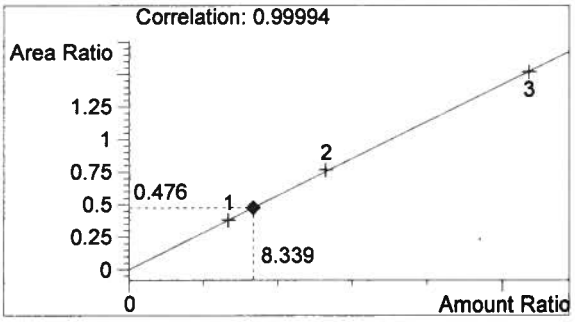
Inj. Date: 3/27/2014 1:52:56 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

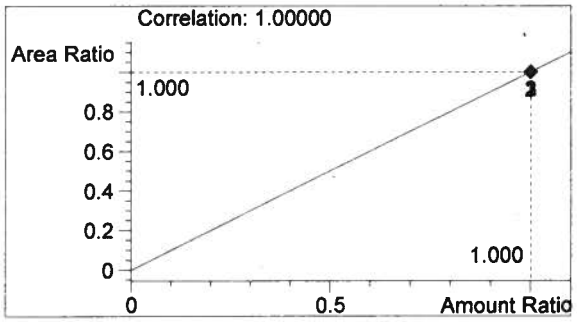
Sample Name: 0.10 CTRL
Operator: Katie Knorr
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1085	1.040
2	n-Propanol	2277	1.704



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

14009

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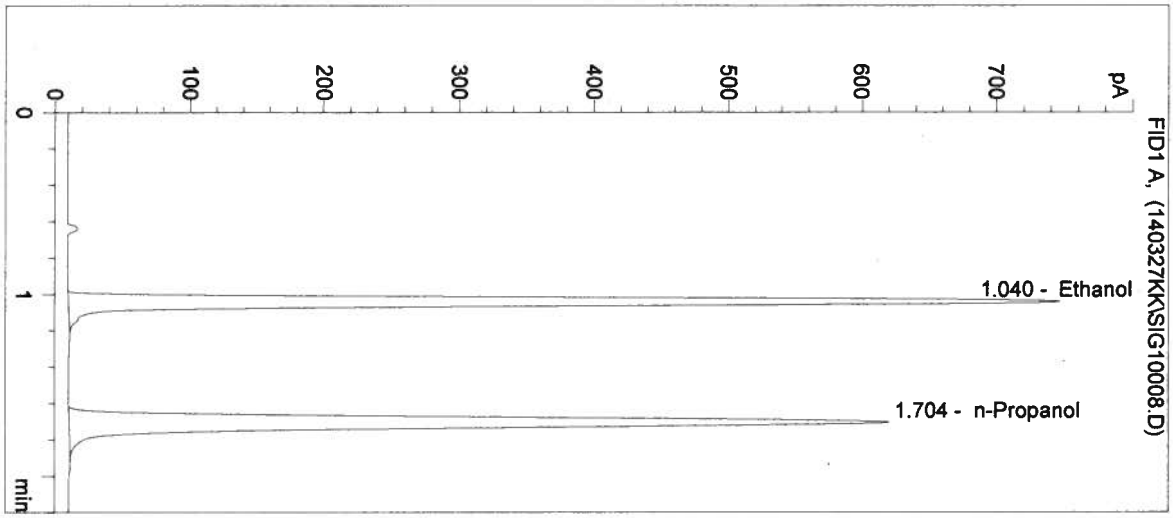
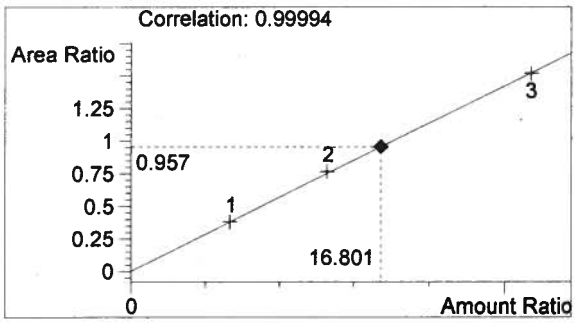
Inj. Date: 3/27/2014 1:56:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

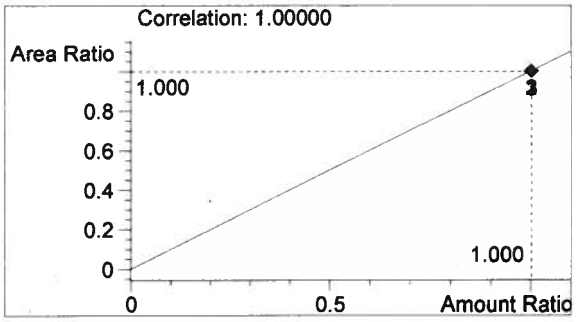
Sample Name: 0.20 CTRL
Operator: Katie Knorr
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2298	1.040
2	n-Propanol	2402	1.704



Ethanol 0.202 g/100mL



n-Propanol 0.012 g/100mL

14009

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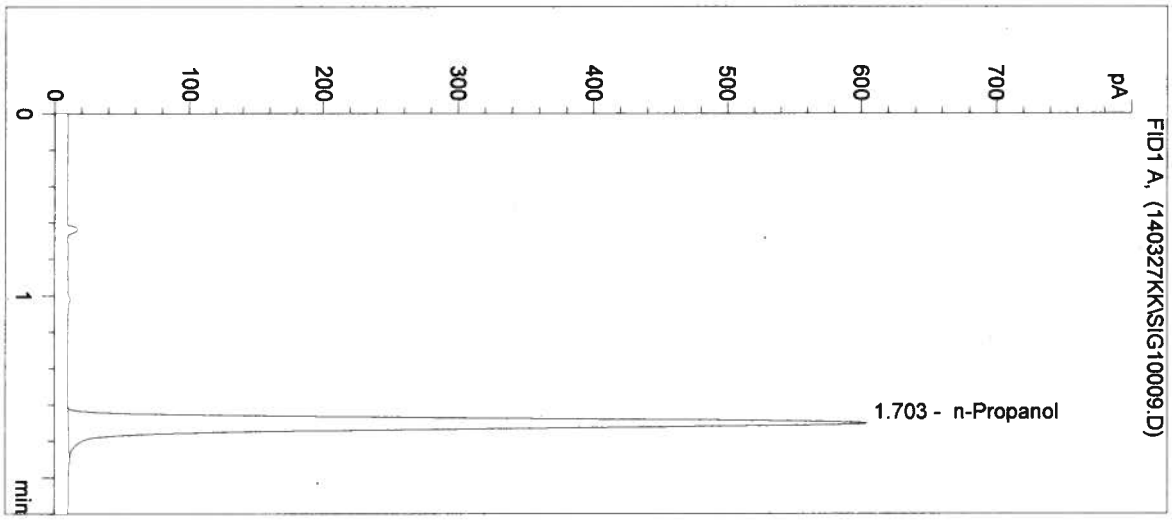
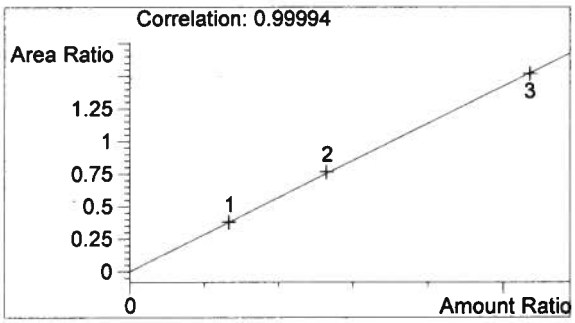
Inj. Date: 3/27/2014 1:59:06 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

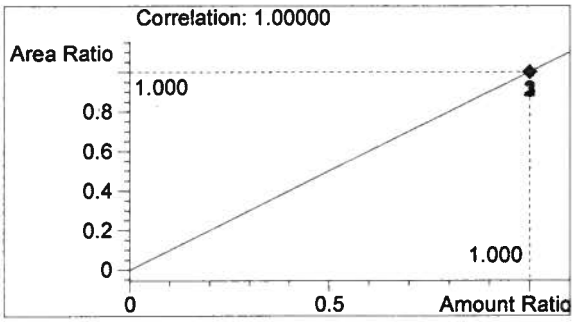
Sample Name: NEG CTRL
Operator: Katie Knorr
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2349	1.703



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14009

Data File: C:\HPCHEM\1\DATA\140327KK\SIG10009.D

KK

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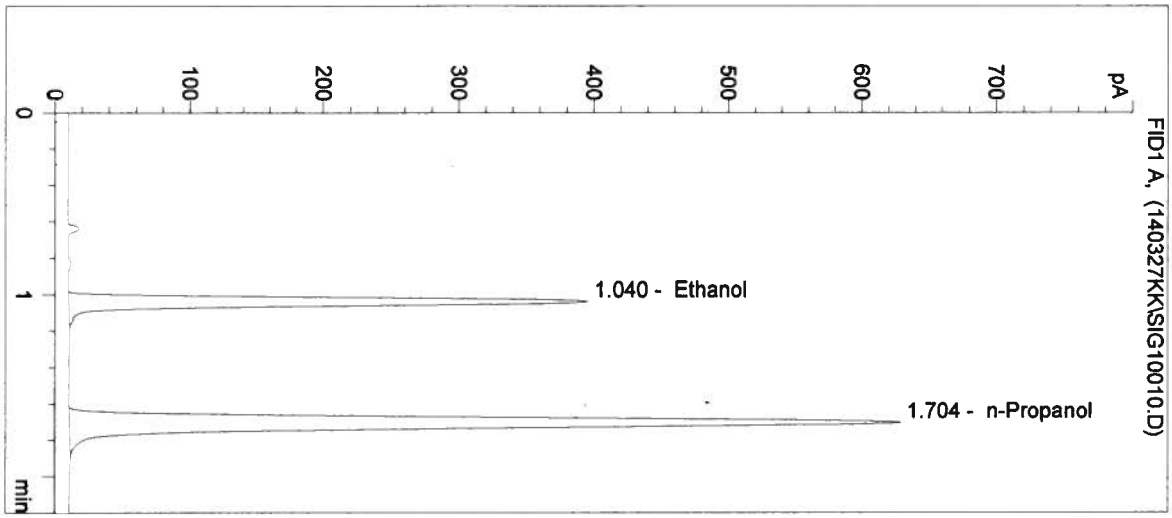
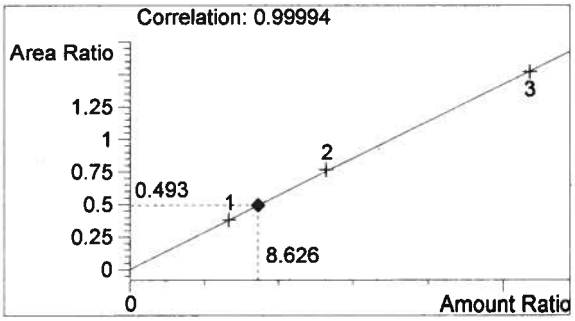
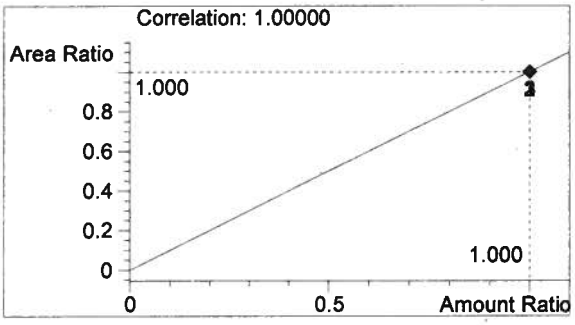
Inj. Date: 3/27/2014 2:02:10 PM
Sample Name: 14009-1
Instrument: HSGC#1
Operator: Katie Knorr
Column: DB-ALC1
Location: Vial 10
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1204	1.040
2	n-Propanol	2443	1.704



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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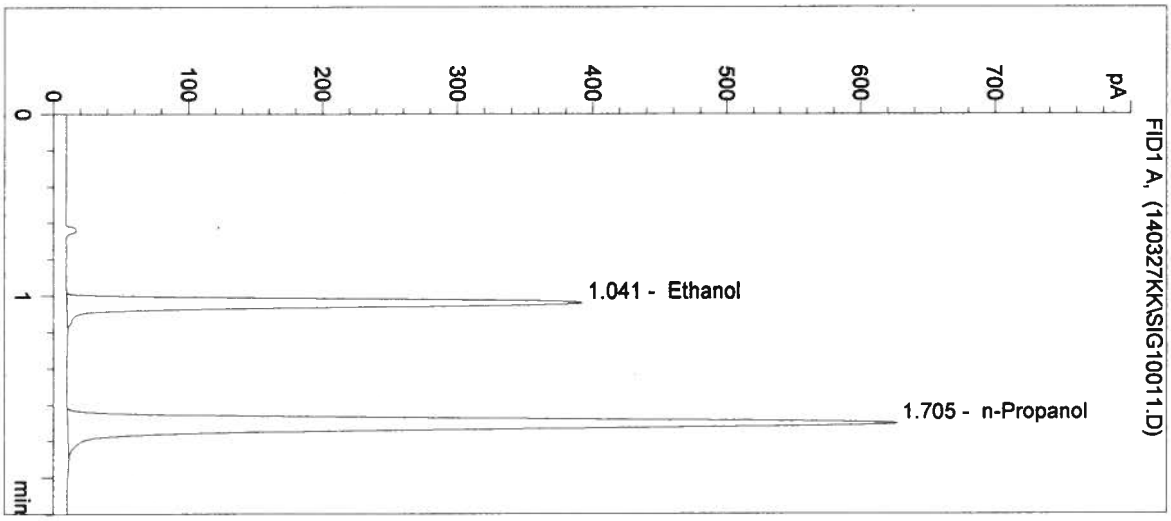
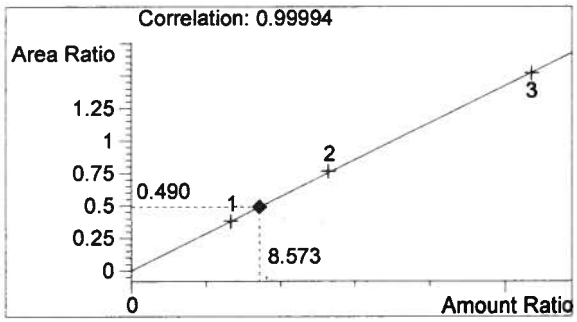
Inj. Date: 3/27/2014 2:05:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

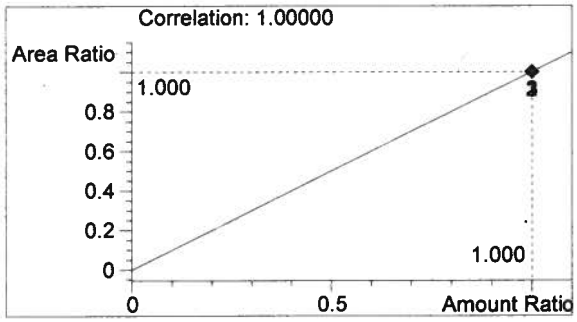
Sample Name: 14009-2
Operator: Katie Knorr
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1194	1.041
2	n-Propanol	2438	1.705



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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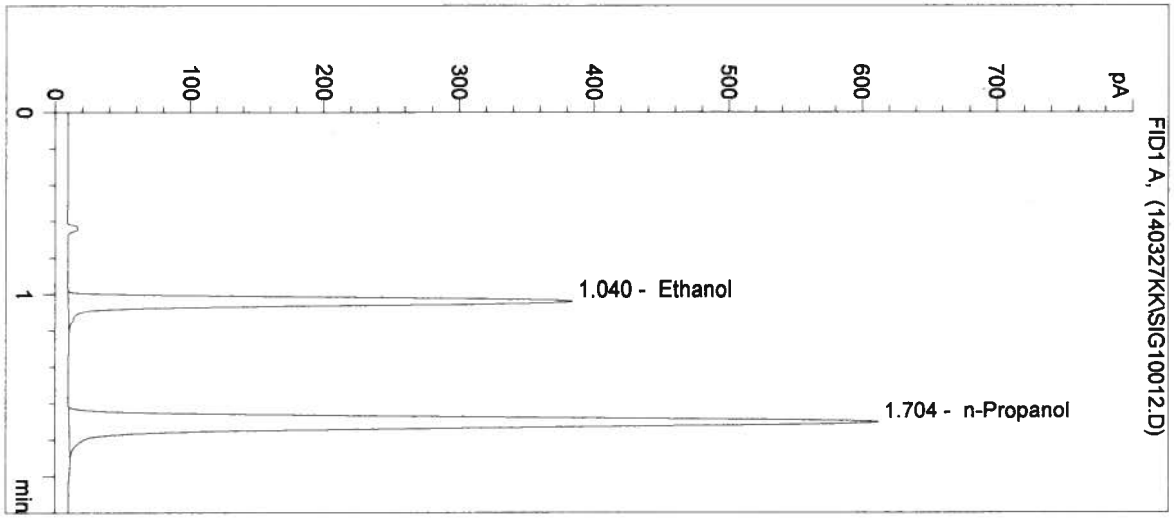
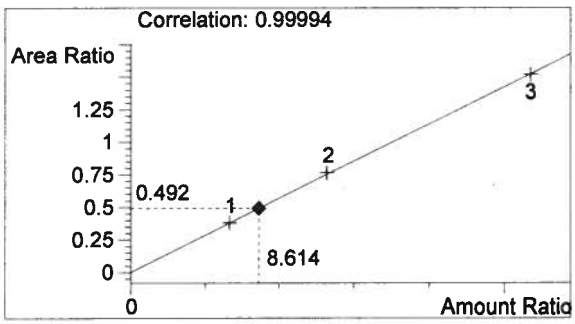
Inj. Date: 3/27/2014 2:08:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

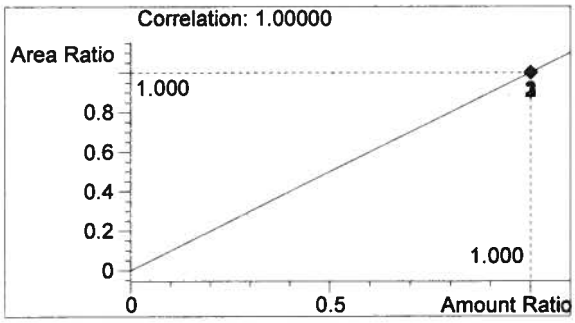
Sample Name: 14009-3
Operator: Katie Knorr
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1168	1.040
2	n-Propanol	2373	1.704



Ethanol 0.103 g/100mL



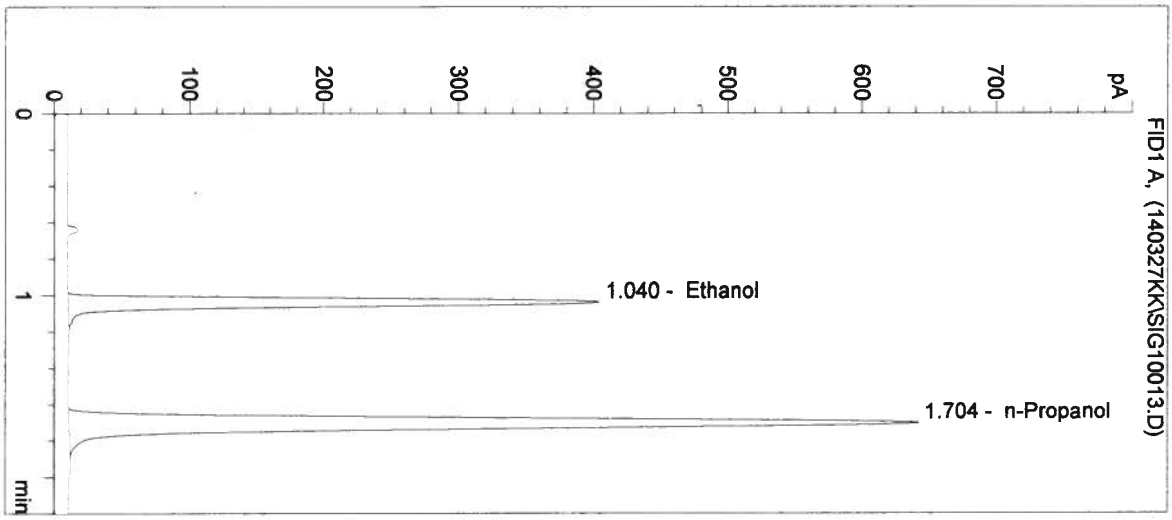
n-Propanol 0.012 g/100mL

KK

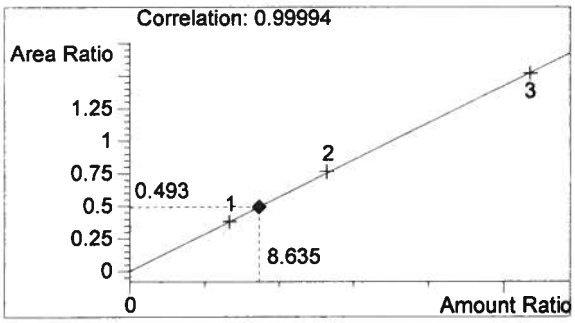
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 2:11:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

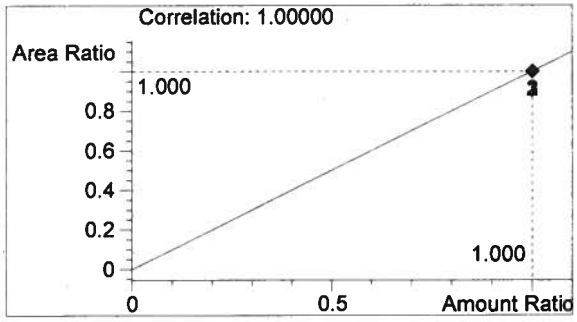
Sample Name: 14009-4
Operator: Katie Knorr
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1230	1.040
2	n-Propanol	2494	1.704



Ethanol 0.104 g/100mL



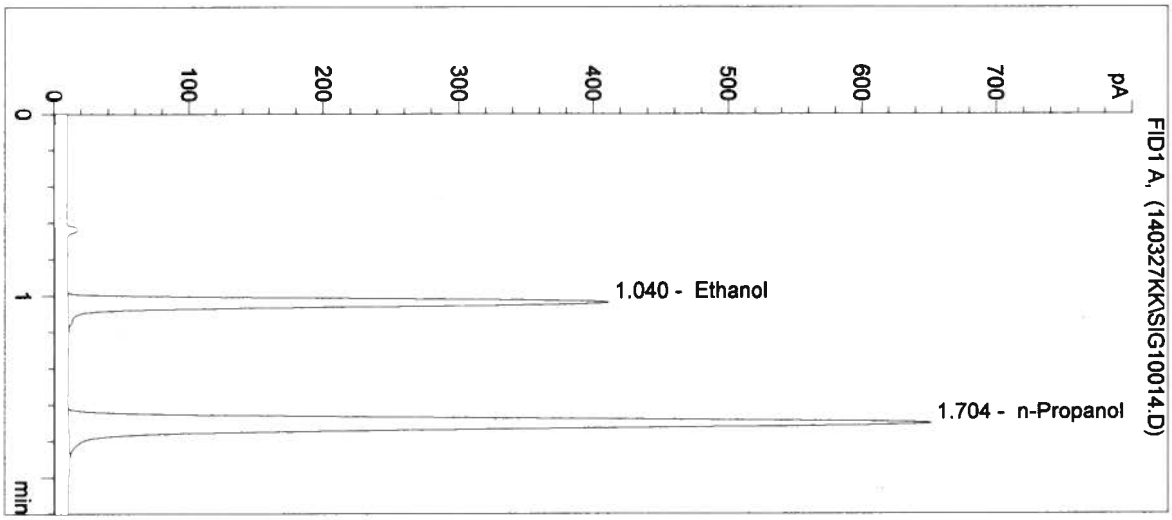
n-Propanol 0.012 g/100mL

KK

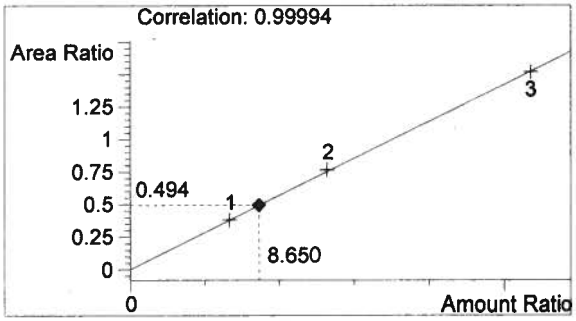
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 2:14:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

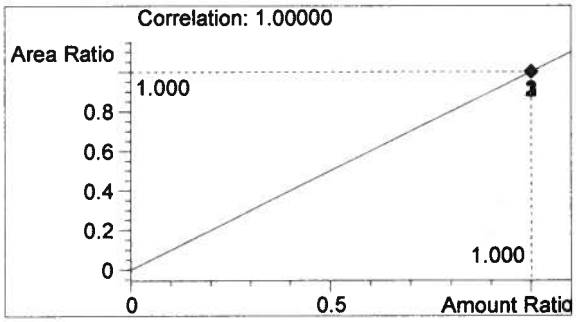
Sample Name: 14009-5
Operator: Katie Knorr
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1252	1.040
2	n-Propanol	2534	1.704



Ethanol 0.104 g/100mL



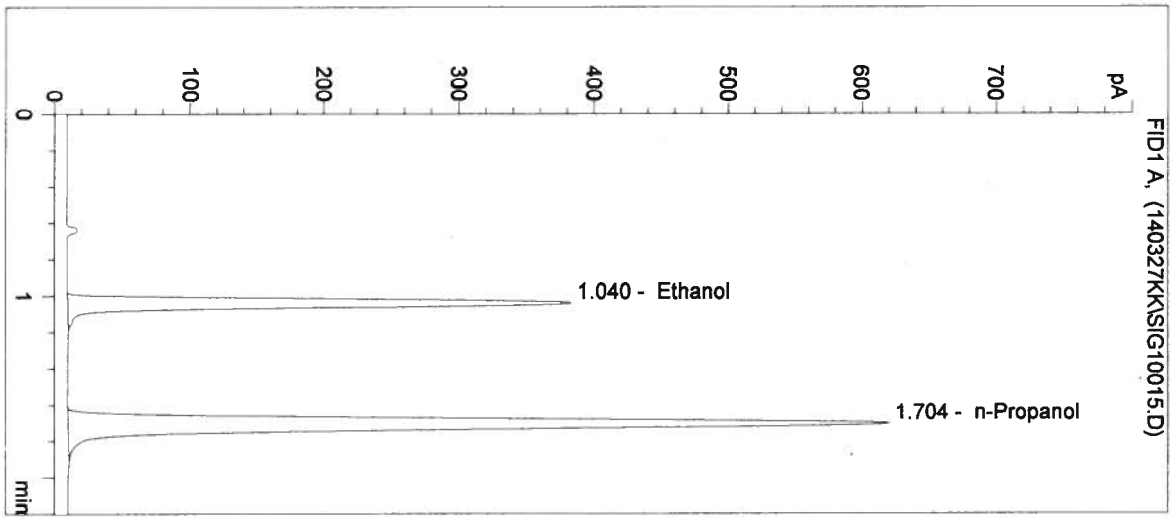
n-Propanol 0.012 g/100mL

KK

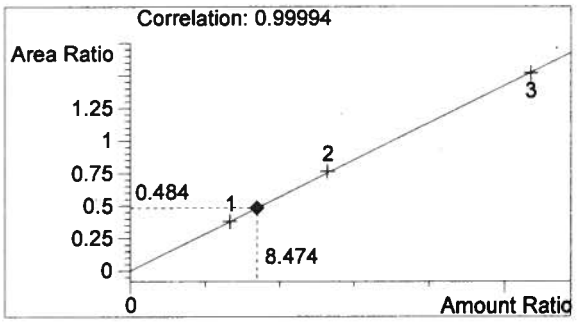
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 2:17:34 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

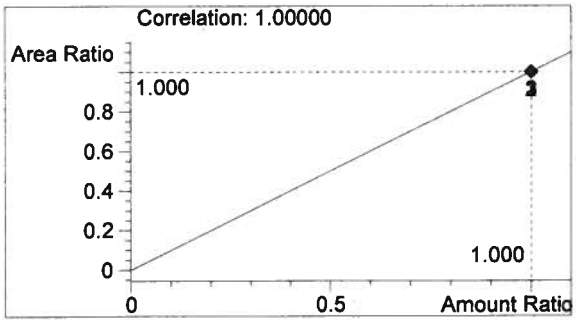
Sample Name: 0.10 CTRL
Operator: Katie Knorr
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1166	1.040
2	n-Propanol	2409	1.704



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

14009

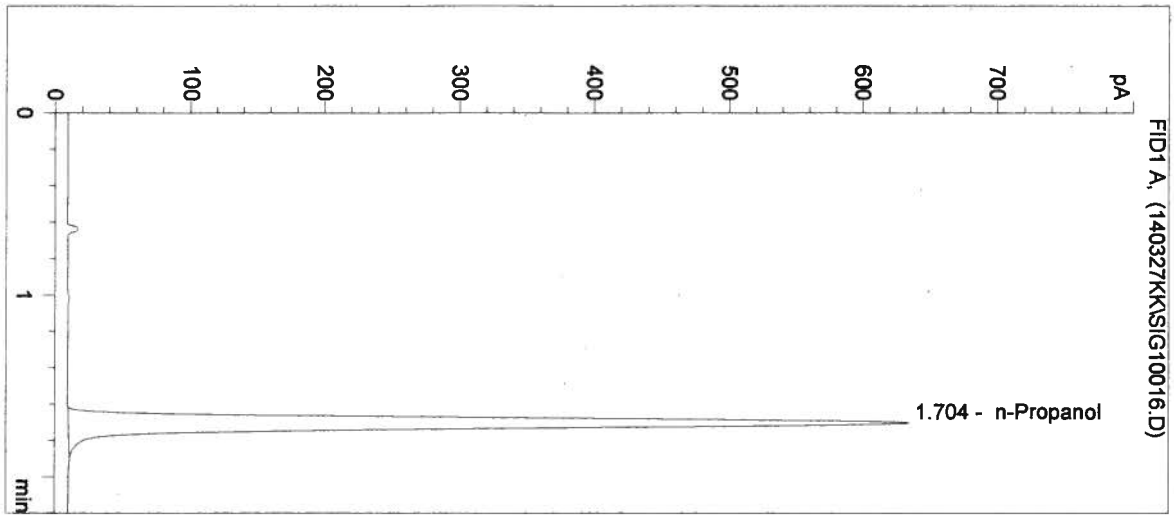
Data File: C:\HPCHEM\1\DATA\140327KK\SIG10015.D

KK

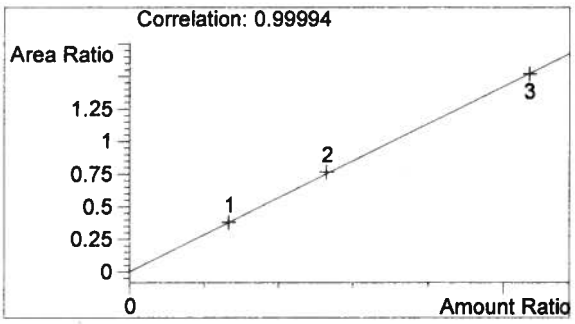
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 2:20:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

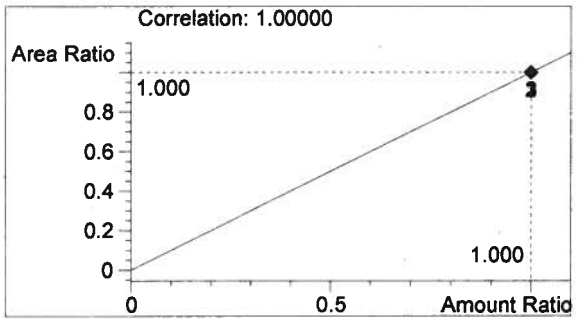
Sample Name: NEG CTRL
Operator: Katie Knorr
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2466	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14009

Data File: C:\HPCHEM\1\DATA\140327KK\SIG10016.D

KK

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

Sequence Parameters:

Operator:	Andrew Gingras
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:	140331AG
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E1213-01 - Exp. 06/03/2014
Ethanol Calibrator 2, E1213-02 - Exp. 06/03/2014
Ethanol Calibrator 3, E1213-03 - Exp. 06/03/2014

0.04 Control - Lot #FN120110-04 - Exp. 12/2015
0.10 Control - Lot #A095230 - Exp. 09/2017
0.20 Control - Lot #FN100511-01 - Exp. 10/2016

ISTD Lot#P0314 - Exp. 6/24/2014

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	Negative	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	Negative	SIMALC1	1	Ctrl Samp		
10	Vial 10	ESS 14009 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 14009 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 14009 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 14009 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 14009 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative	SIMALC1	1	Ctrl Samp		

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\AGESS.S

Sequence Table (Back Injector):

No entries - empty table!

14009

Calibration Table

Calib. Data Modified : Monday, March 31, 2014 2:59:59 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	8.00300e-2	865.12054	9.25073e-5	1		Ethanol
		2	1.58560e-1	1711.97766	9.26180e-5			
		3	3.21220e-1	3405.57031	9.43219e-5			
1.703	1	1	1.20000e-2	2442.20532	4.91359e-6		I1	n-Propanol
		2	1.20000e-2	2447.26587	4.90343e-6			
		3	1.20000e-2	2449.74414	4.89847e-6			

14009

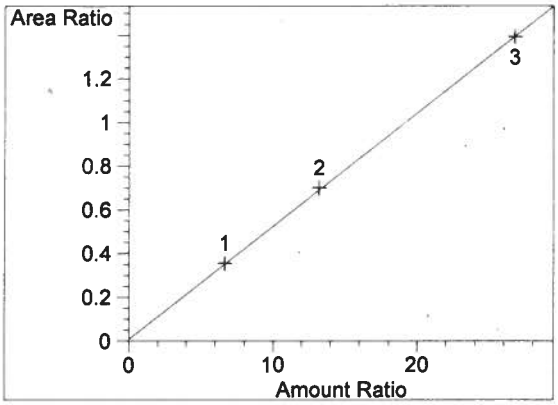
Peak Sum Table

No Entries in table

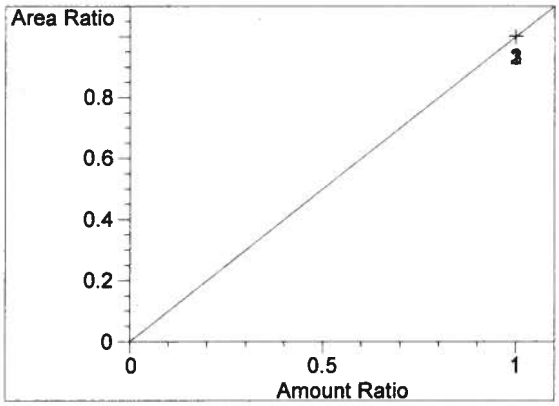
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99994
Residual Std. Dev.: 0.00795
Formula: y = mx + b
m: 5.18858e-2
b: 5.86096e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.703
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

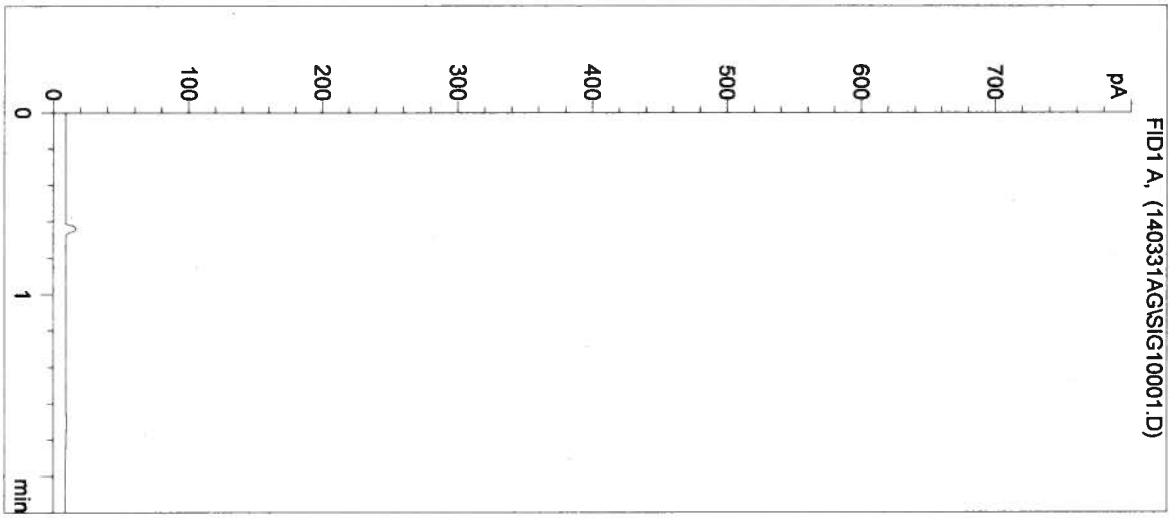
==========

14009

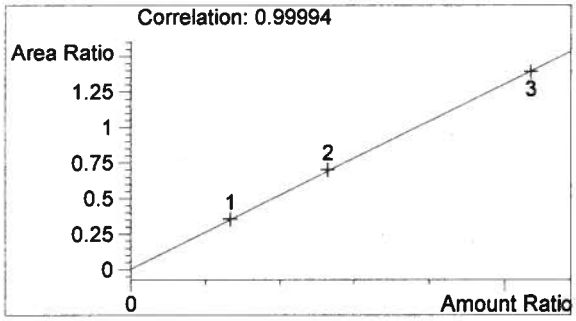
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/31/2014 2:48:31 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: BLANK
Operator: Andrew Gingras
Location: Vial 1

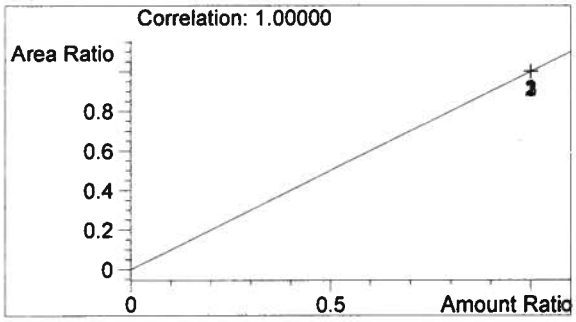


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14009

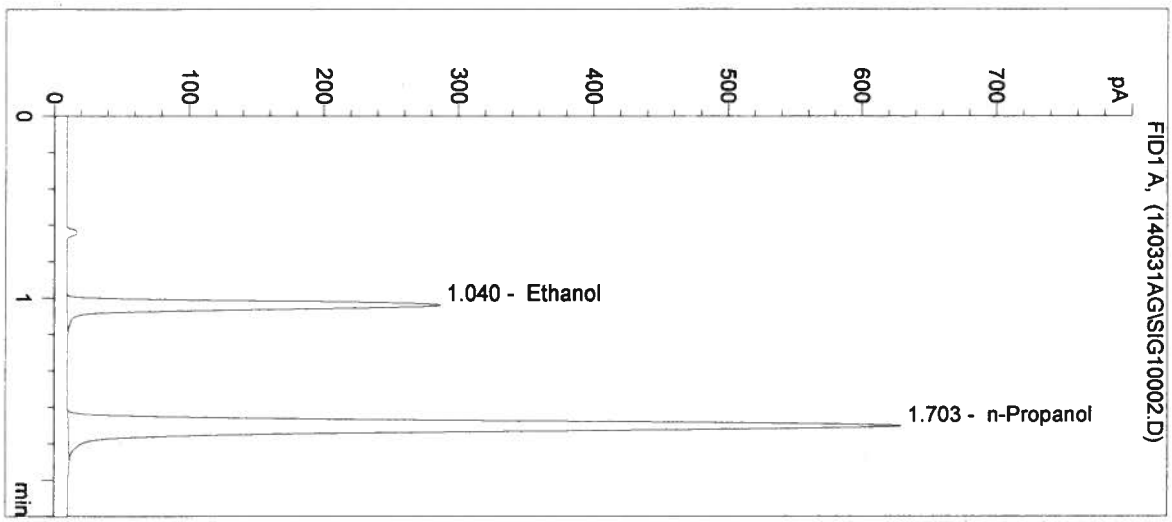


n-Propanol 0.000 g/100mL

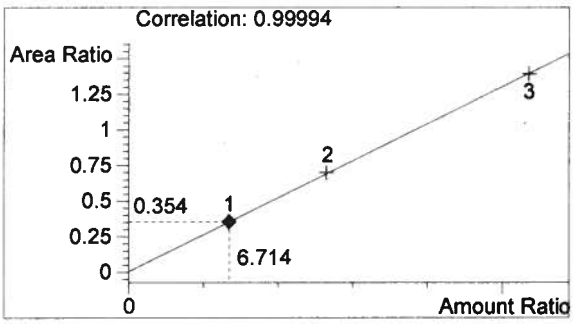
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/31/2014 2:51:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.079 CAL 1
Operator: Andrew Gingras
Location: Vial 2

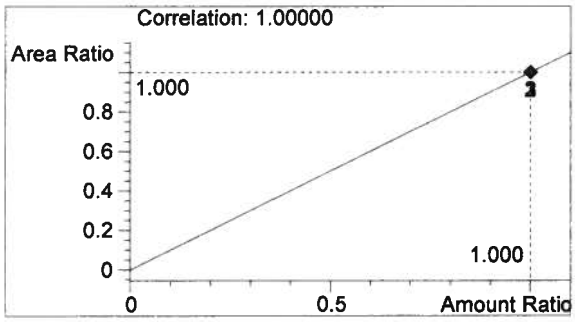


#	Compound	Peak Area	RT (min)
1	Ethanol	865	1.040
2	n-Propanol	2442	1.703



Ethanol 0.081 g/100mL

14009

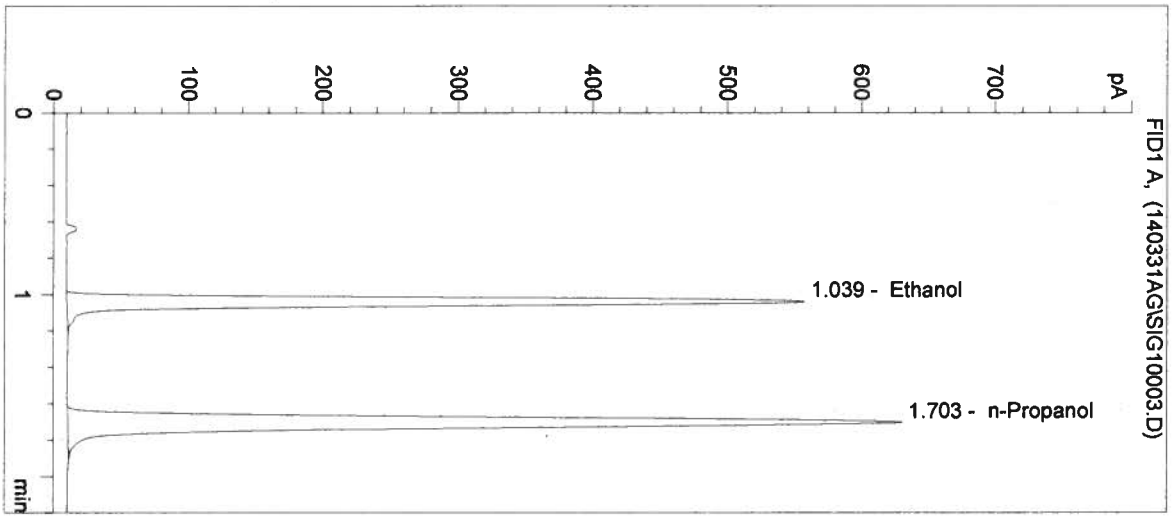


n-Propanol 0.012 g/100mL

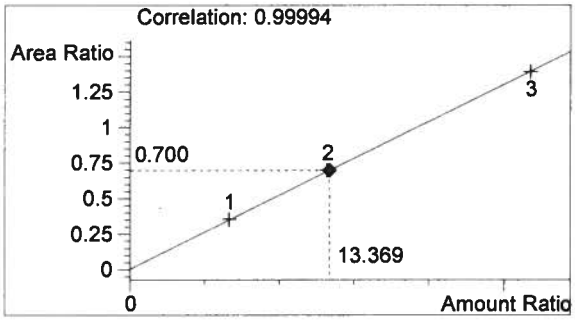
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/31/2014 2:54:41 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

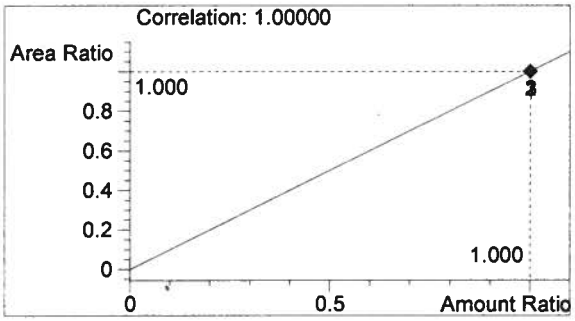
Sample Name: 0.158 CAL 2
Operator: Andrew Gingras
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1712	1.039
2	n-Propanol	2447	1.703



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

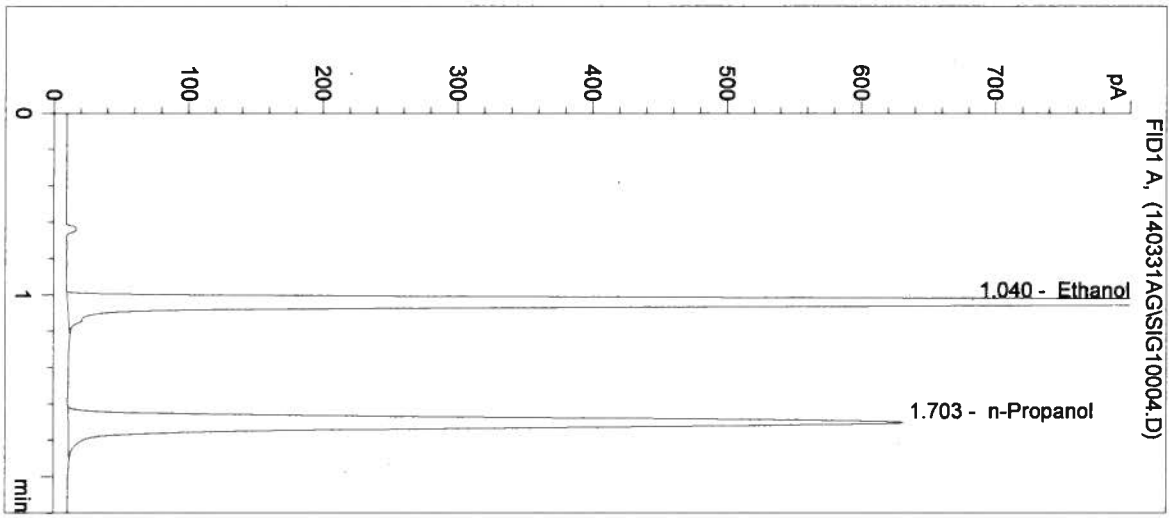
14009

Data File: C:\HPCHEM\1\DATA\140331AG\SIG10003.D

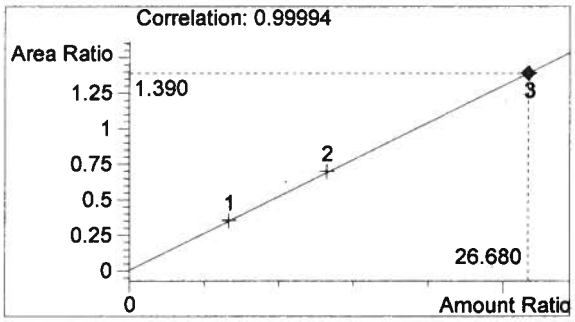
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/31/2014 2:57:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.316 CAL 3
Operator: Andrew Gingras
Location: Vial 4

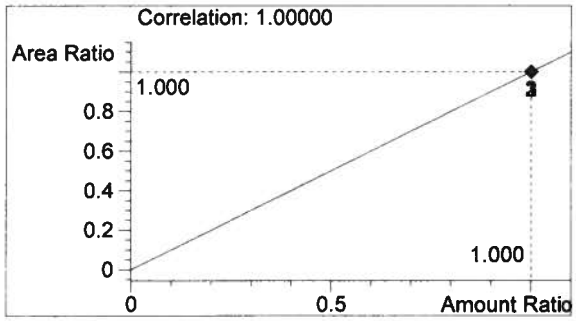


#	Compound	Peak Area	RT (min)
1	Ethanol	3406	1.040
2	n-Propanol	2450	1.703



Ethanol 0.320 g/100mL

14009

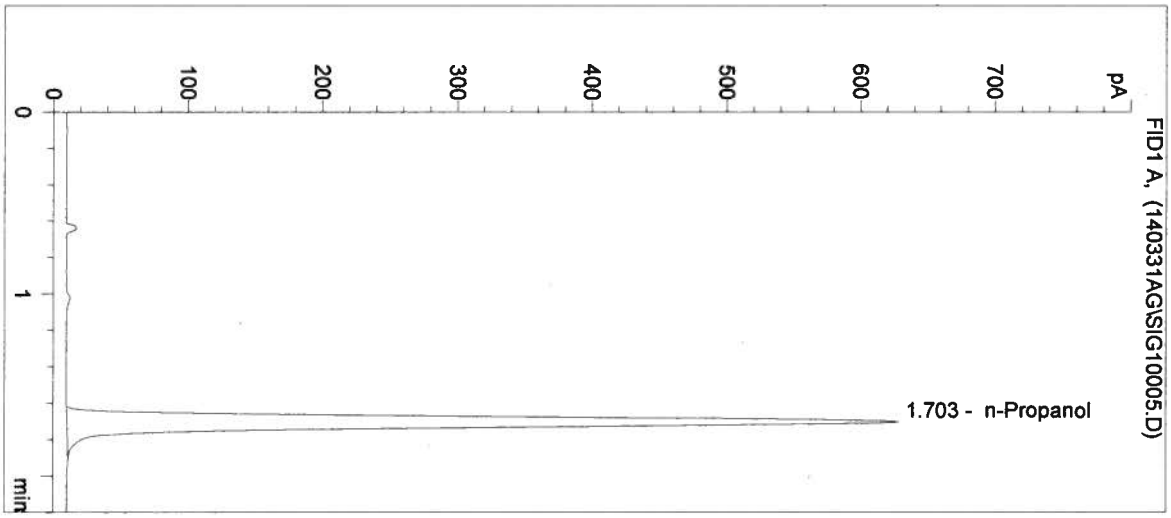


n-Propanol 0.012 g/100mL

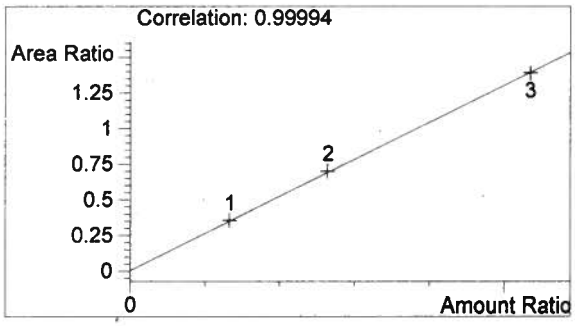
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/31/2014 3:00:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

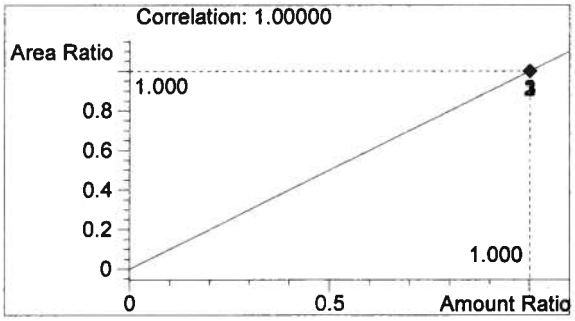
Sample Name: Negative
Operator: Andrew Gingras
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2447	1.703



Ethanol 0.000 g/100mL



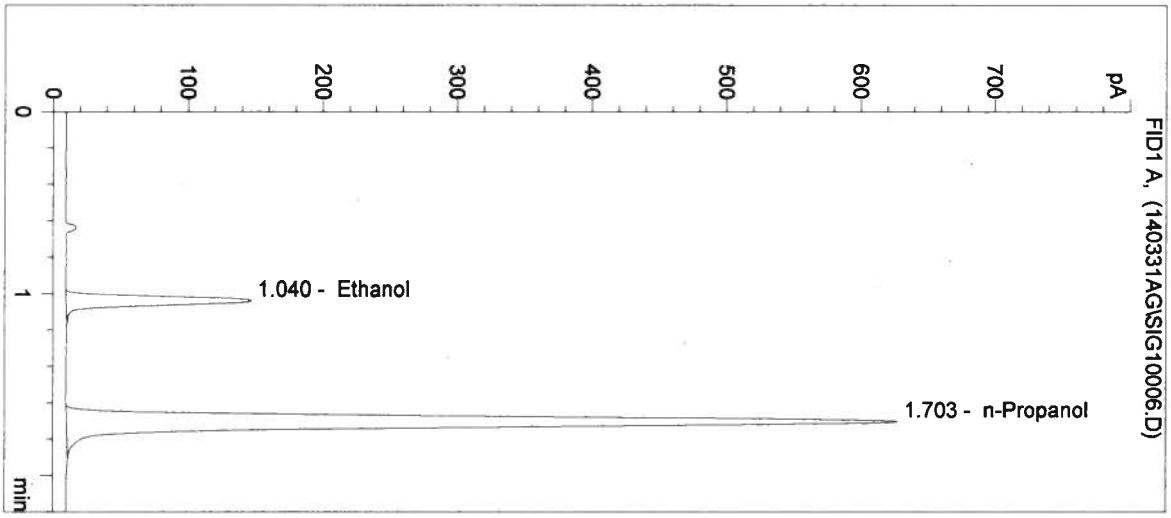
n-Propanol 0.012 g/100mL

14009

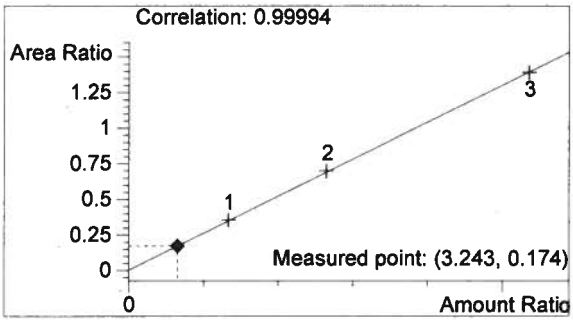
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/31/2014 3:03:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

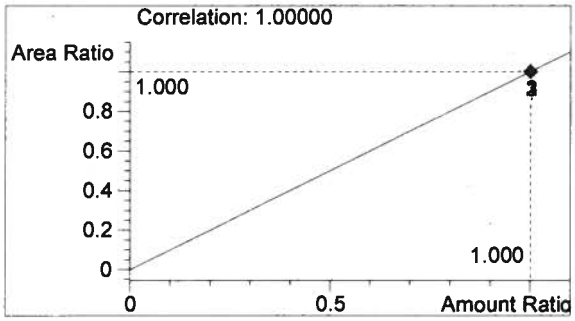
Sample Name: 0.04 Ctrl
Operator: Andrew Gingras
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	425	1.040
2	n-Propanol	2443	1.703



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

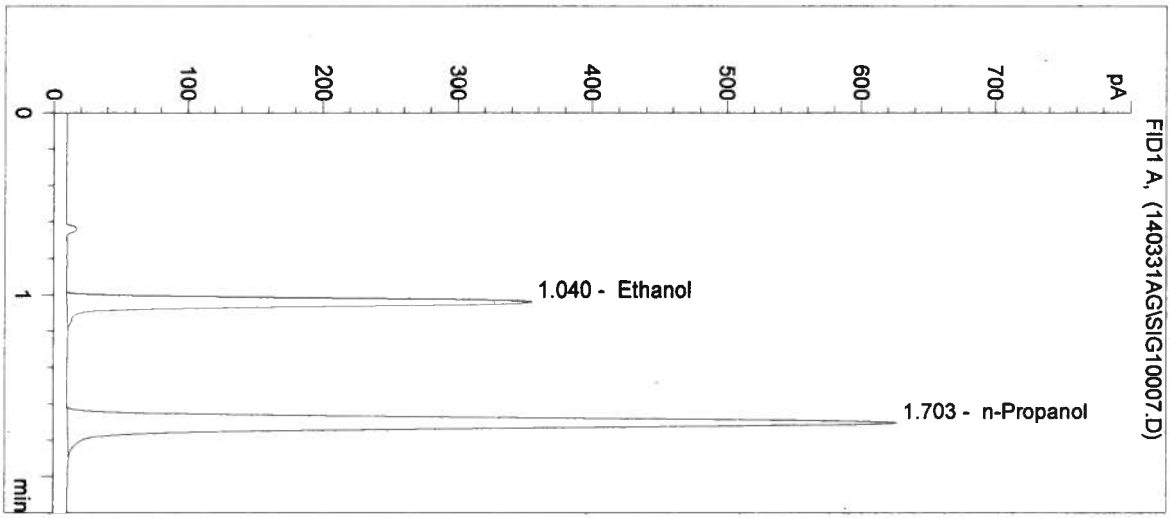
14009

Data File: C:\HPCHEM\1\DATA\140331AG\SIG10006.D

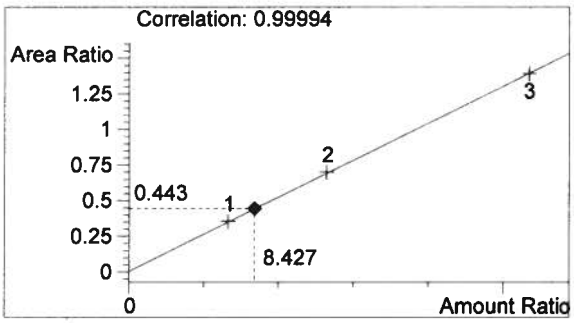
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/31/2014 3:07:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.10 Ctrl
Operator: Andrew Gingras
Location: Vial 7

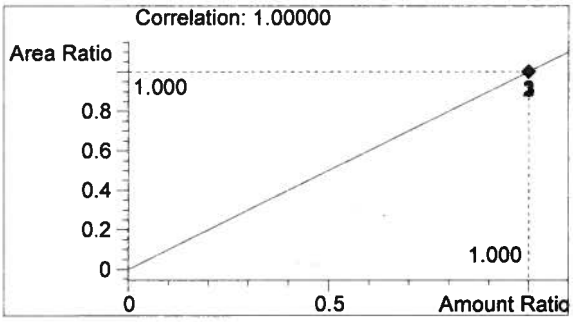


#	Compound	Peak Area	RT (min)
1	Ethanol	1082	1.040
2	n-Propanol	2443	1.703



Ethanol 0.101 g/100mL

14009

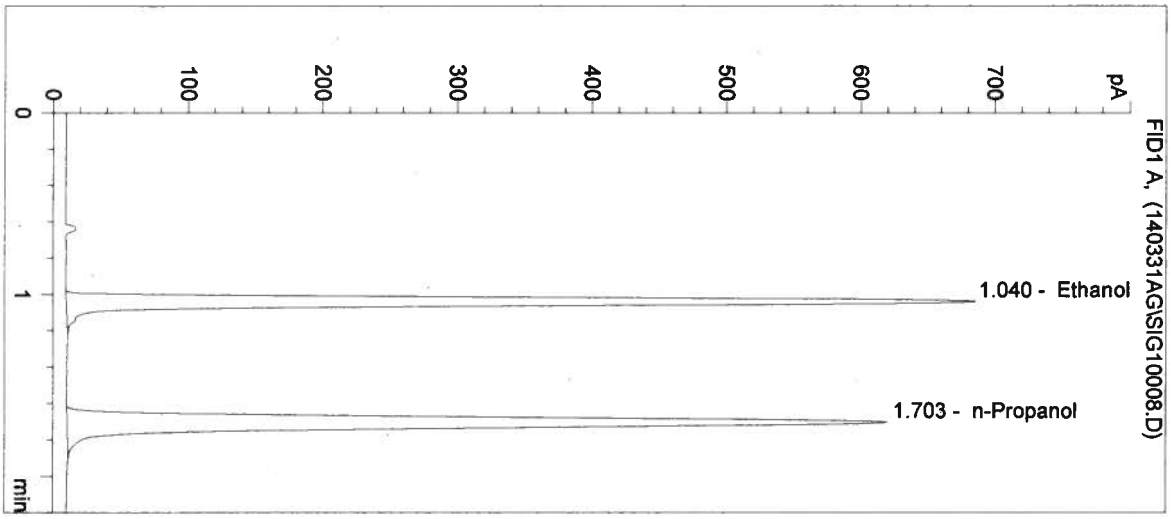


n-Propanol 0.012 g/100mL

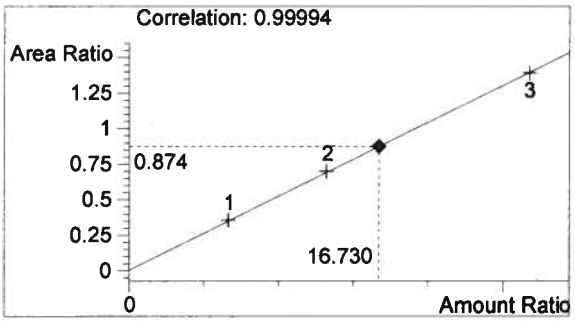
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/31/2014 3:10:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.20 Ctrl
Operator: Andrew Gingras
Location: Vial 8

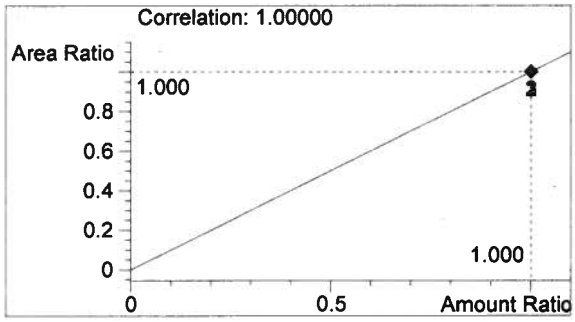


#	Compound	Peak Area	RT (min)
1	Ethanol	2098	1.040
2	n-Propanol	2401	1.703



Ethanol 0.201 g/100mL

14009

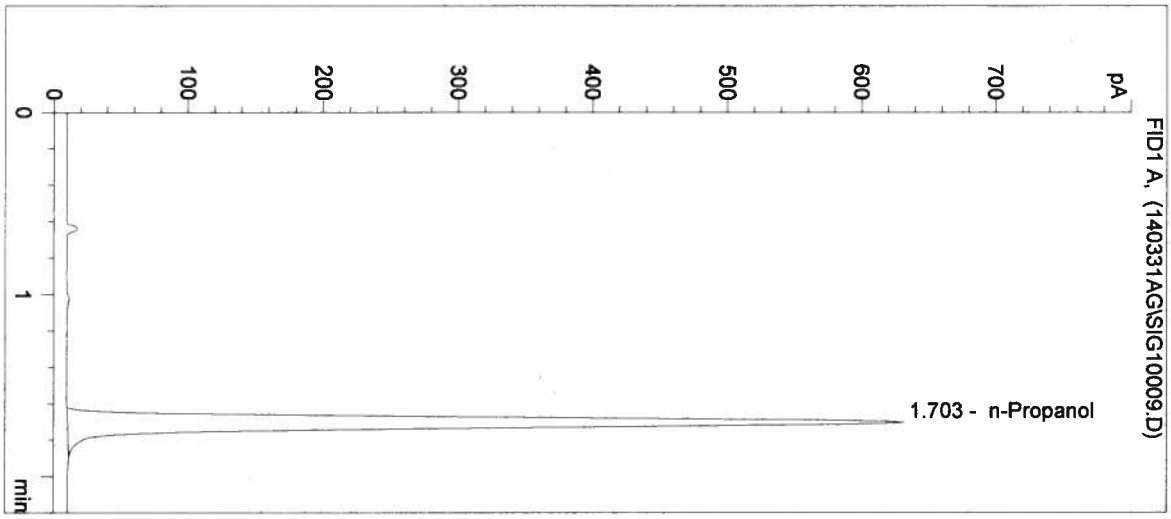


n-Propanol 0.012 g/100mL

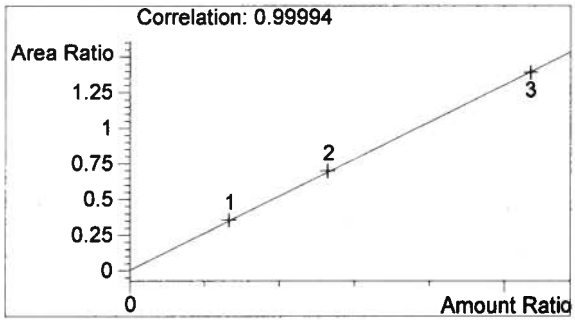
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/31/2014 3:13:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: Negative
Operator: Andrew Gingras
Location: Vial 9

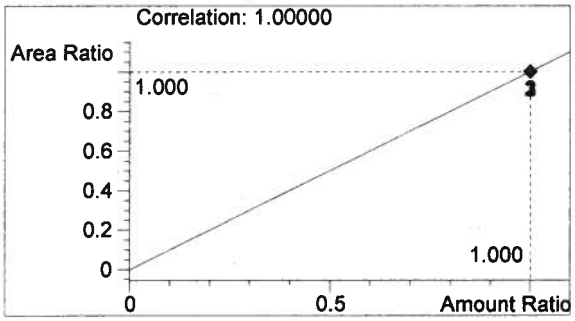


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2455	1.703



Ethanol 0.000 g/100mL

14009



n-Propanol 0.012 g/100mL

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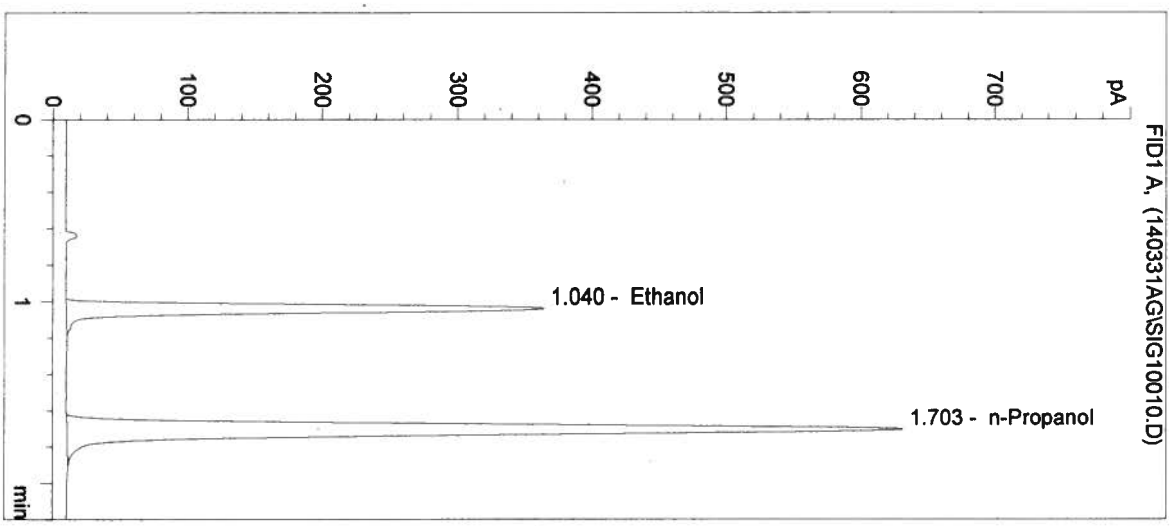
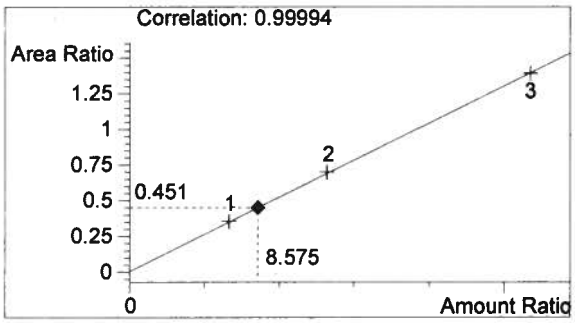
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/31/2014 3:16:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

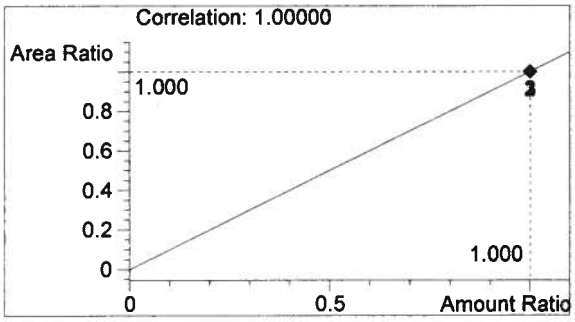
Sample Name: ESS 14009 #1
Operator: Andrew Gingras
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.040
2	n-Propanol	2454	1.703



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\140331AG\SIG10010.D

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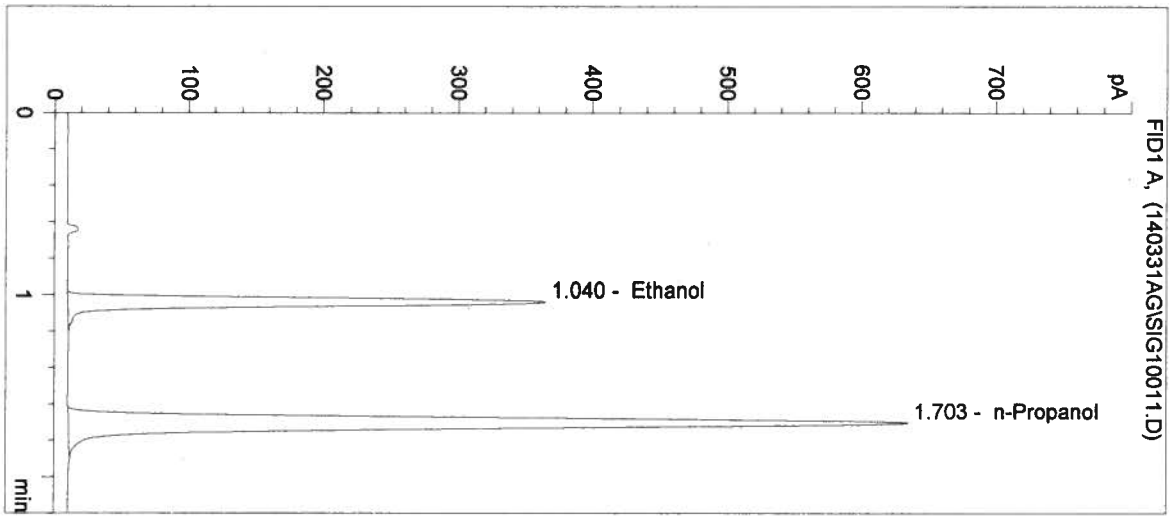
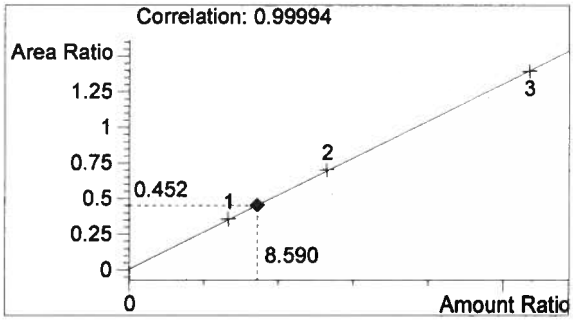
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/31/2014 3:19:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

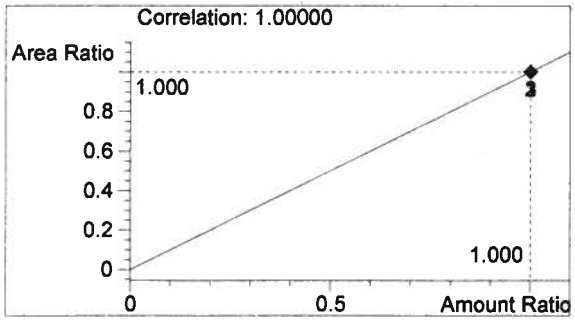
Sample Name: ESS 14009 #2
Operator: Andrew Gingras
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1117	1.040
2	n-Propanol	2475	1.703



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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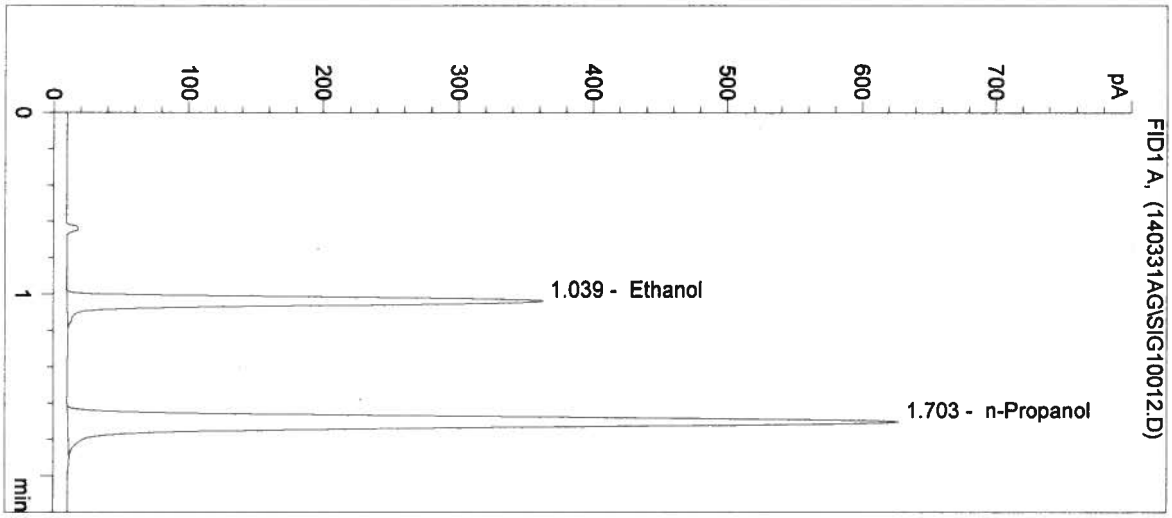
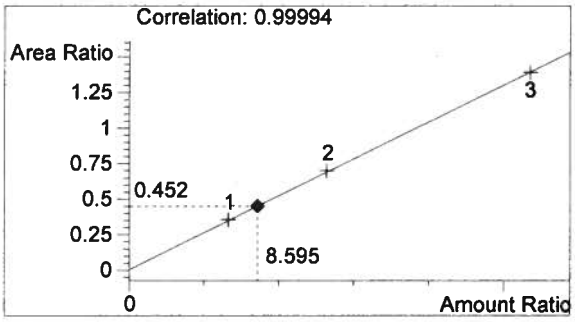
Inj. Date: 3/31/2014 3:22:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

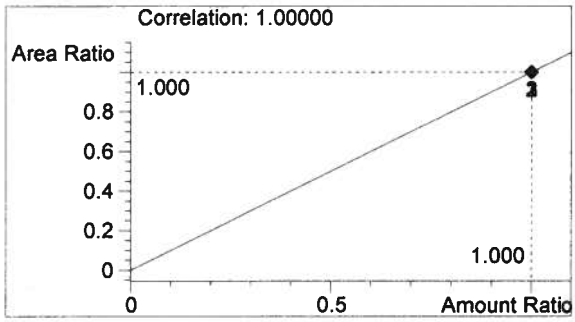
Sample Name: ESS 14009 #3
Operator: Andrew Gingras
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1107	1.039
2	n-Propanol	2451	1.703



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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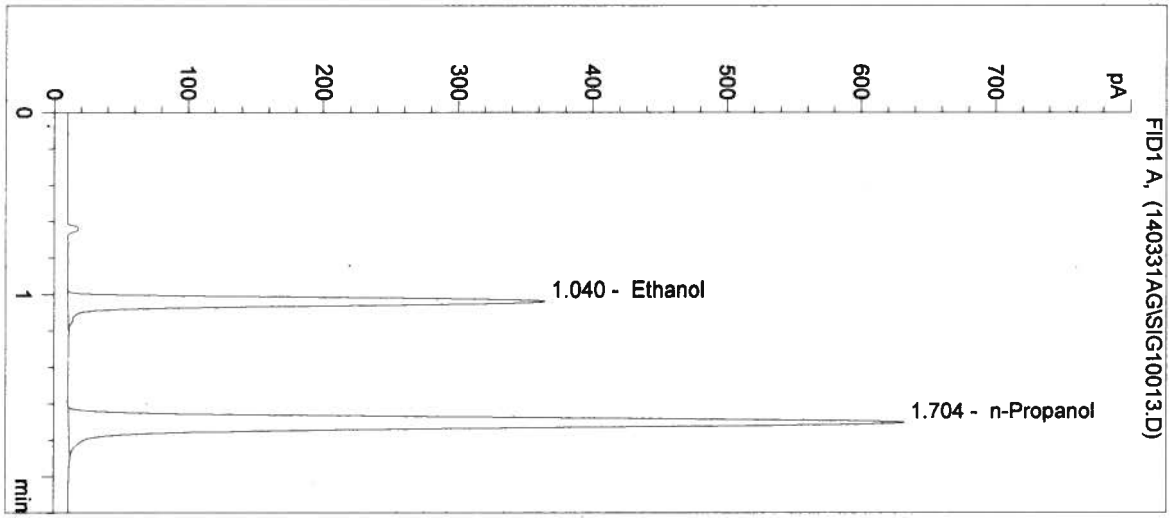
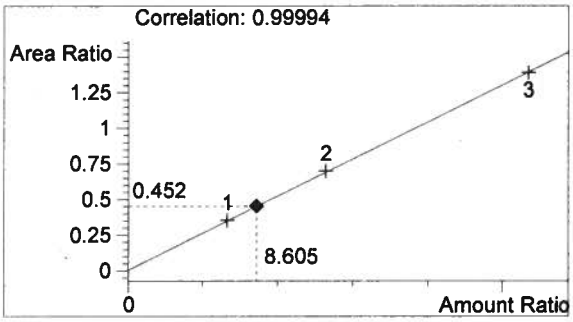
Inj. Date: 3/31/2014 3:25:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

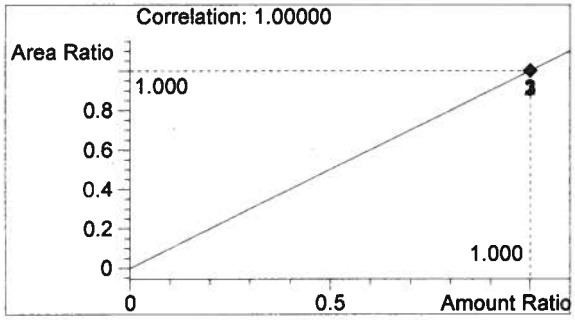
Sample Name: ESS 14009 #4
Operator: Andrew Gingras
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.040
2	n-Propanol	2457	1.704



Ethanol 0.103 g/100mL

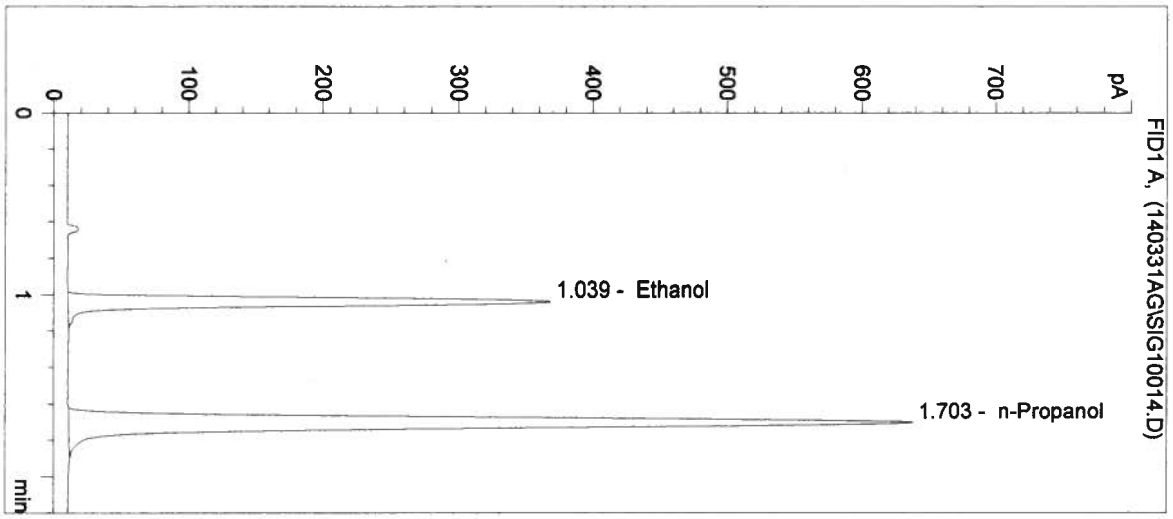


n-Propanol 0.012 g/100mL

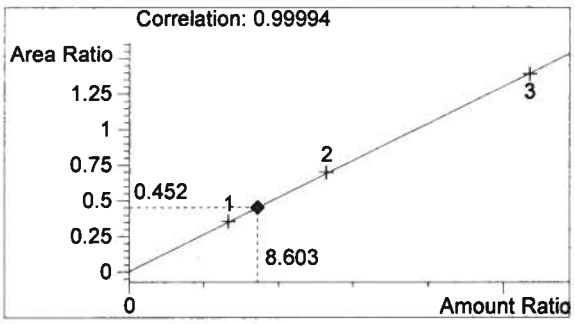
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/31/2014 3:28:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

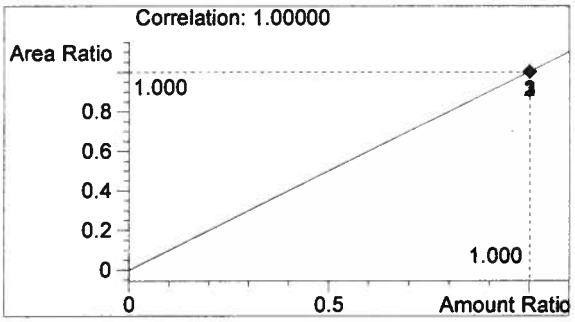
Sample Name: ESS 14009 #5
Operator: Andrew Gingras
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1120	1.039
2	n-Propanol	2477	1.703



Ethanol 0.103 g/100mL

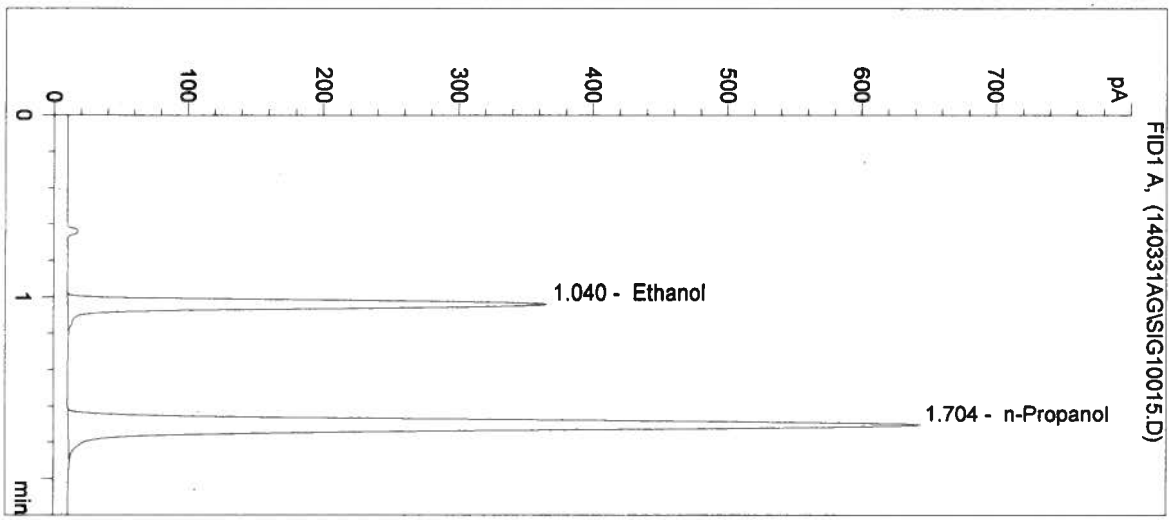


n-Propanol 0.012 g/100mL

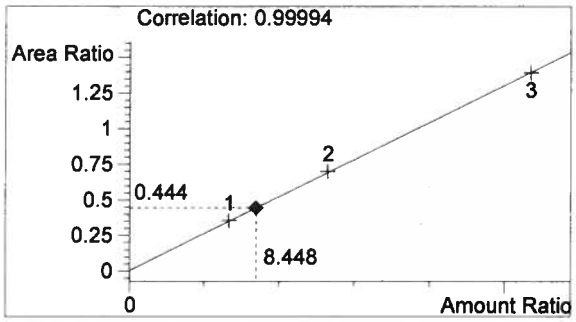
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/31/2014 3:31:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

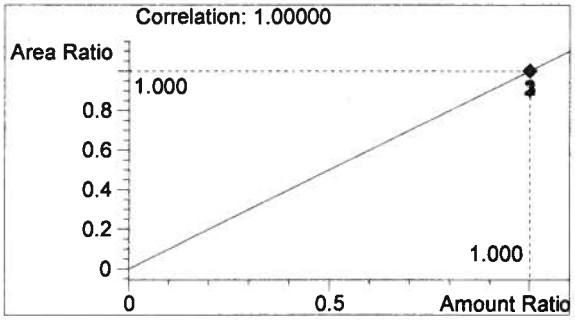
Sample Name: 0.10 Ctrl
Operator: Andrew Gingras
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1111	1.040
2	n-Propanol	2501	1.704



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

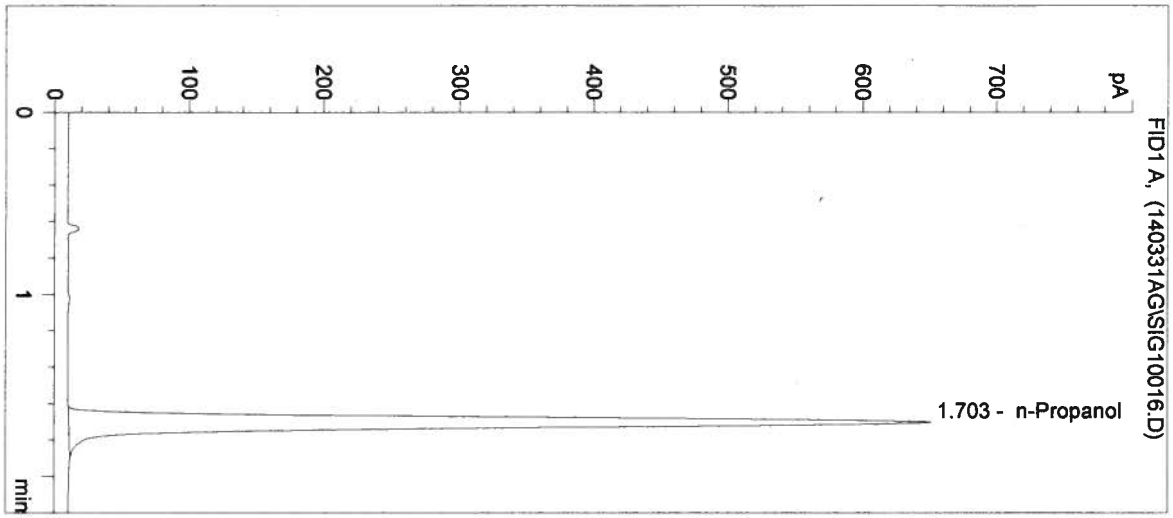
14009

Data File: C:\HPCHEM\1\DATA\140331AG\SIG10015.D

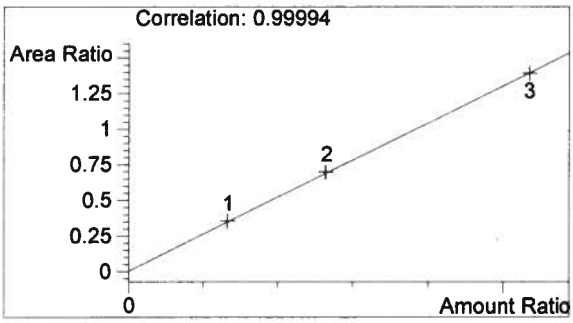
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/31/2014 3:34:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: Negative
Operator: Andrew Gingras
Location: Vial 16

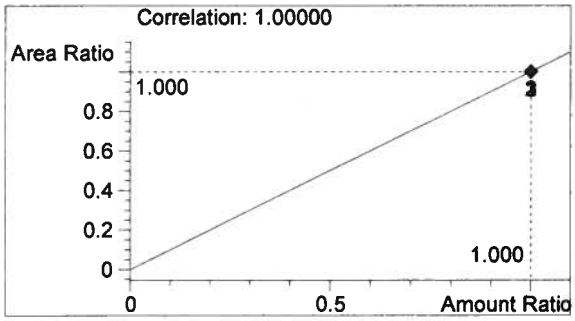


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2530	1.703



Ethanol 0.000 g/100mL

14009



n-Propanol 0.012 g/100mL

AG

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

Sequence Parameters:

Operator:	Lyndsey Lowe
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:	140401LL
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:

Ethanol Calibrator 1, E1213-01 - Exp. 06/03/14
Ethanol Calibrator 2, E1213-02 - Exp. 06/03/14
Ethanol Calibrator 3, E1213-03 - Exp. 06/03/14

0.04 Control - Lot #FN120110-04 - Exp. 12/2015
0.10 Control - Lot #A095230 - Exp. 09/2017
0.20 Control - Lot #FN100511-01 - Exp. 10/2016

ISTD Lot#P0114 - Exp. 04/26/2014

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	Negative	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	Negative	SIMALC1	1	Ctrl Samp		
10	Vial 10	14009 #1	SIMALC1	1	Sample		
11	Vial 11	14009 #2	SIMALC1	1	Sample		
12	Vial 12	14009 #3	SIMALC1	1	Sample		
13	Vial 13	14009 #4	SIMALC1	1	Sample		
14	Vial 14	14009 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative	SIMALC1	1	Ctrl Samp		

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\LLESS.S

Sequence Table (Back Injector):

No entries - empty table!

14009

Calibration Table

Calib. Data Modified : Tuesday, April 01, 2014 2:10:36 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	8.00300e-2	861.34766	9.29125e-5	1		Ethanol
		2	1.58560e-1	1798.36560	8.81689e-5			
		3	3.21220e-1	3340.88647	9.61481e-5			
1.703	1	1	1.20000e-2	2271.57983	5.28267e-6		I1	n-Propanol
		2	1.20000e-2	2395.92065	5.00851e-6			
		3	1.20000e-2	2257.66699	5.31522e-6			

14009

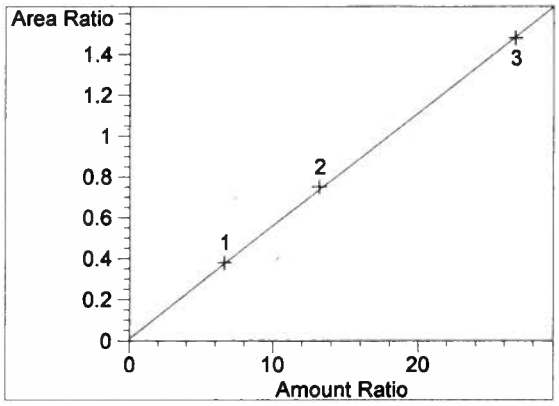
Peak Sum Table

No Entries in table

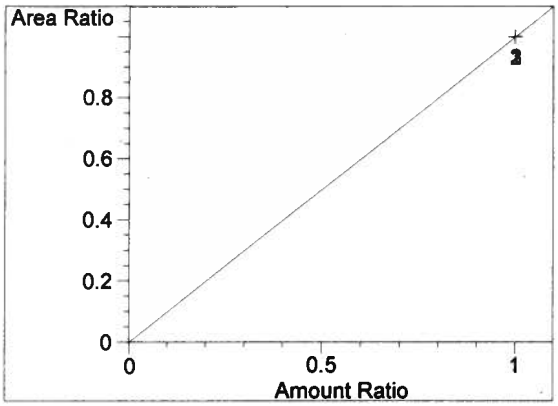
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99988
Residual Std. Dev.: 0.01183
Formula: y = mx + b
m: 5.52274e-2
b: 8.29263e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.703
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

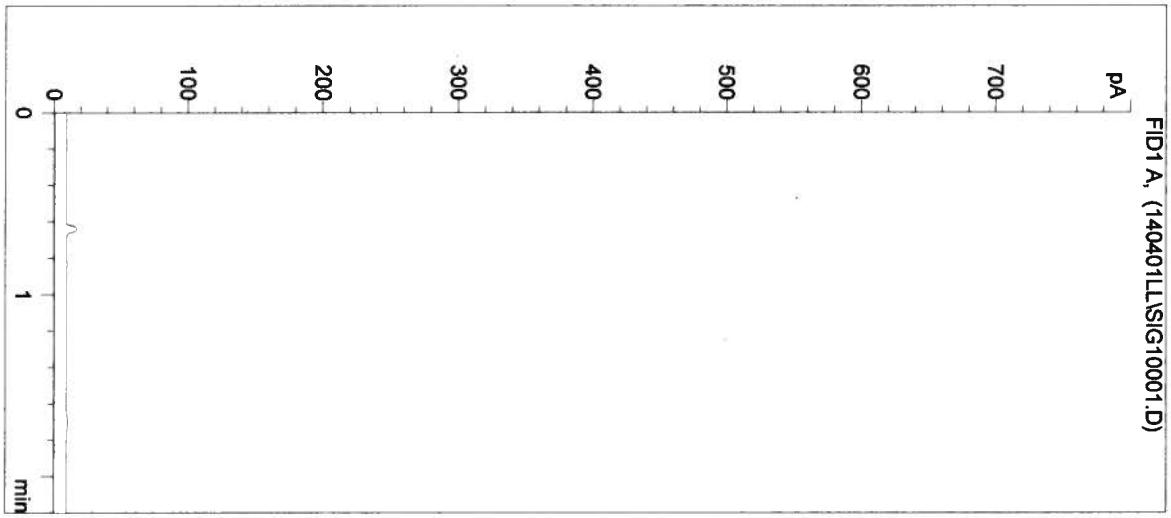
==========

14009

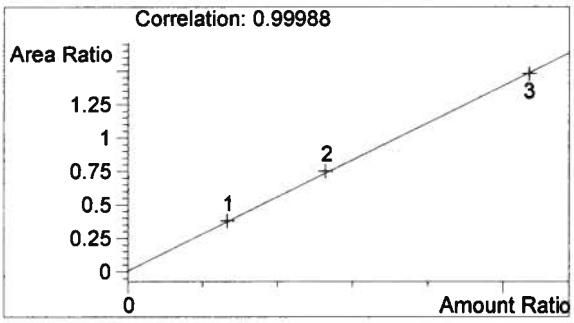
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/1/2014 1:59:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: BLANK
Operator: Lyndsey Lowe
Location: Vial 1

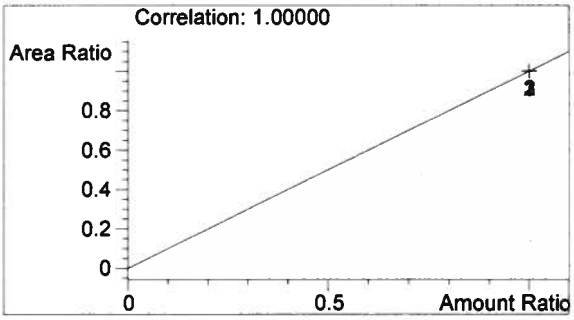


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14009

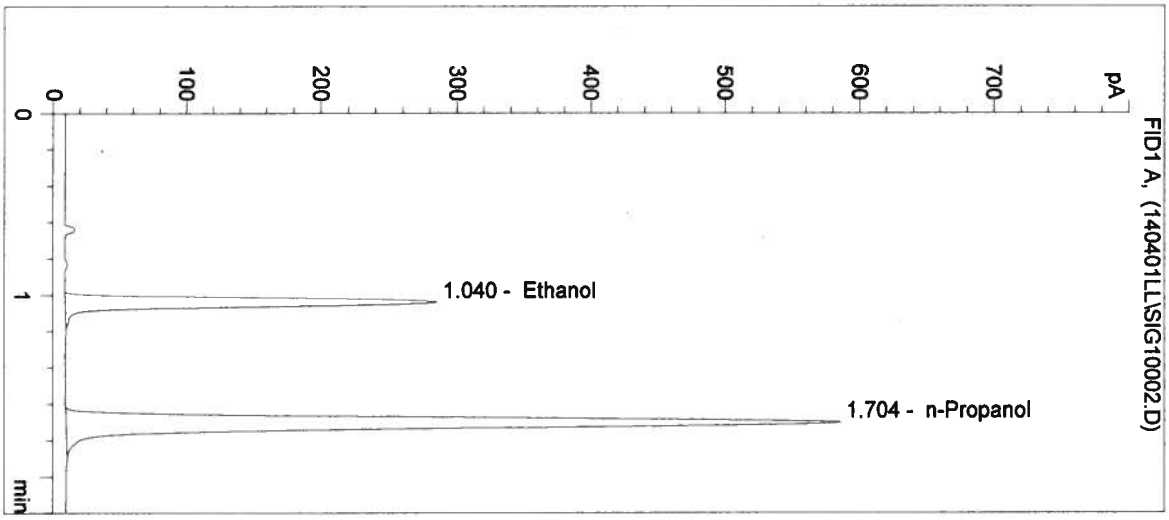


n-Propanol 0.000 g/100mL

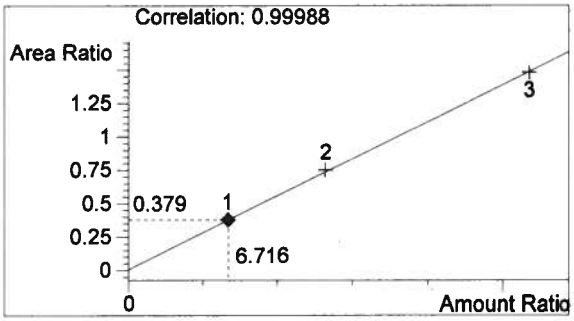
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/1/2014 2:02:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.079 CAL 1
Operator: Lyndsey Lowe
Location: Vial 2

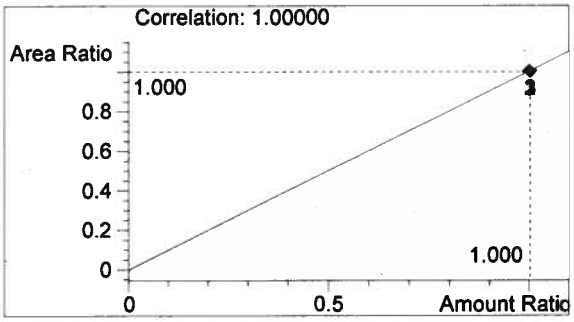


#	Compound	Peak Area	RT (min)
1	Ethanol	861	1.040
2	n-Propanol	2272	1.704



Ethanol 0.081 g/100mL

14009



n-Propanol 0.012 g/100mL

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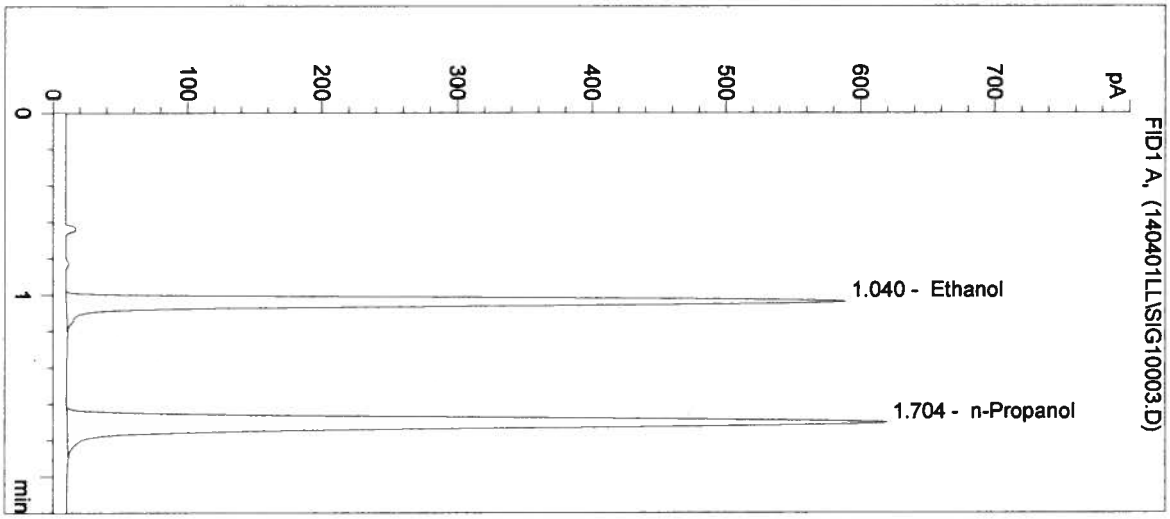
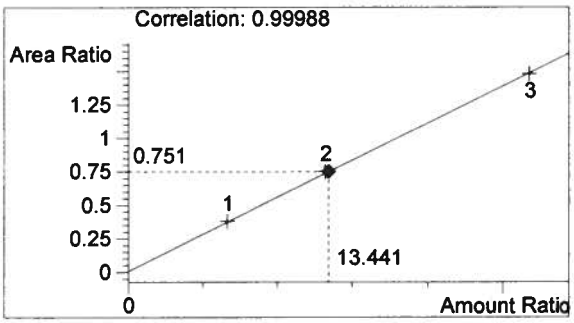
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/1/2014 2:05:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.158 CAL 2
Operator: Lyndsey Lowe
Location: Vial 3

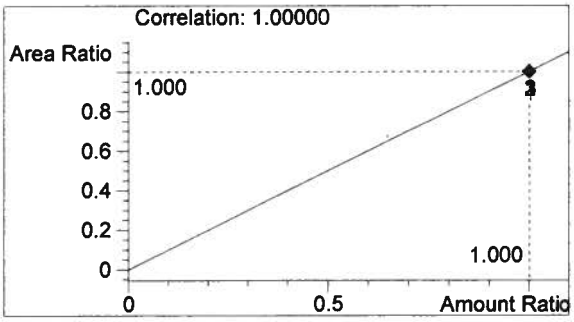


#	Compound	Peak Area	RT (min)
1	Ethanol	1798	1.040
2	n-Propanol	2396	1.704



Ethanol 0.161 g/100mL

14009



n-Propanol 0.012 g/100mL

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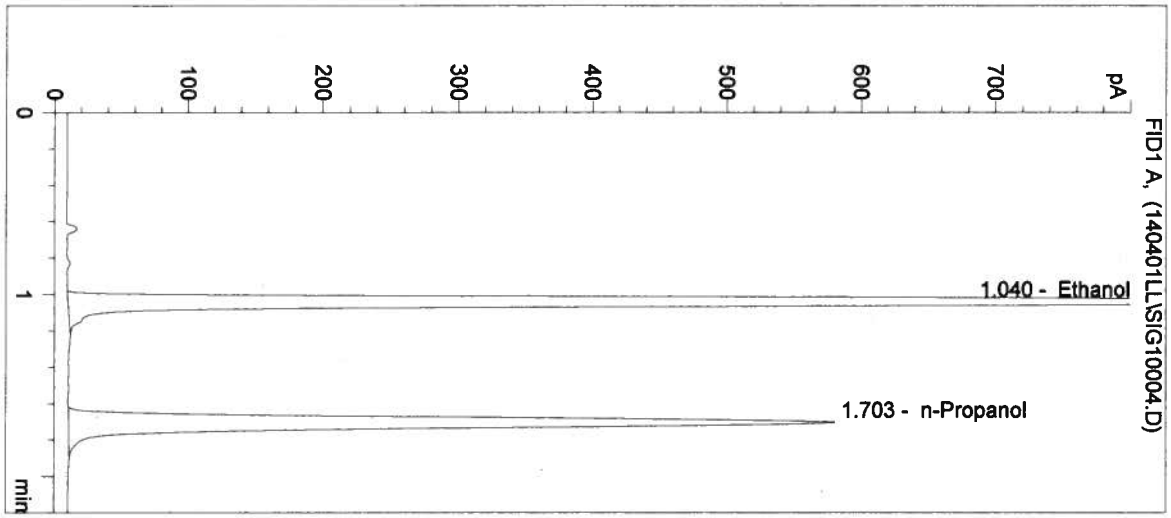
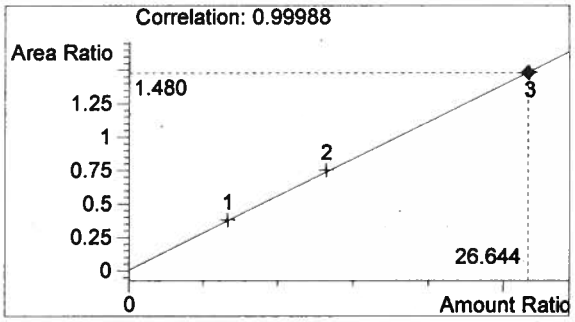
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/1/2014 2:08:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.316 CAL 3
Operator: Lyndsey Lowe
Location: Vial 4

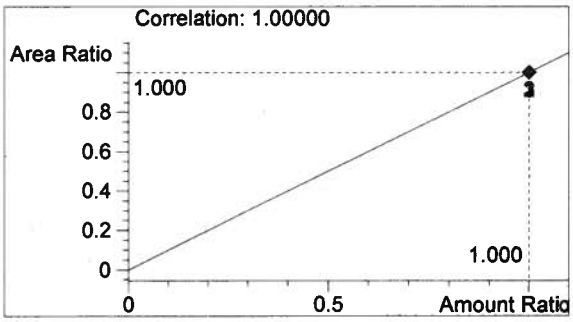


#	Compound	Peak Area	RT (min)
1	Ethanol	3341	1.040
2	n-Propanol	2258	1.703



Ethanol 0.320 g/100mL

14009



n-Propanol 0.012 g/100mL

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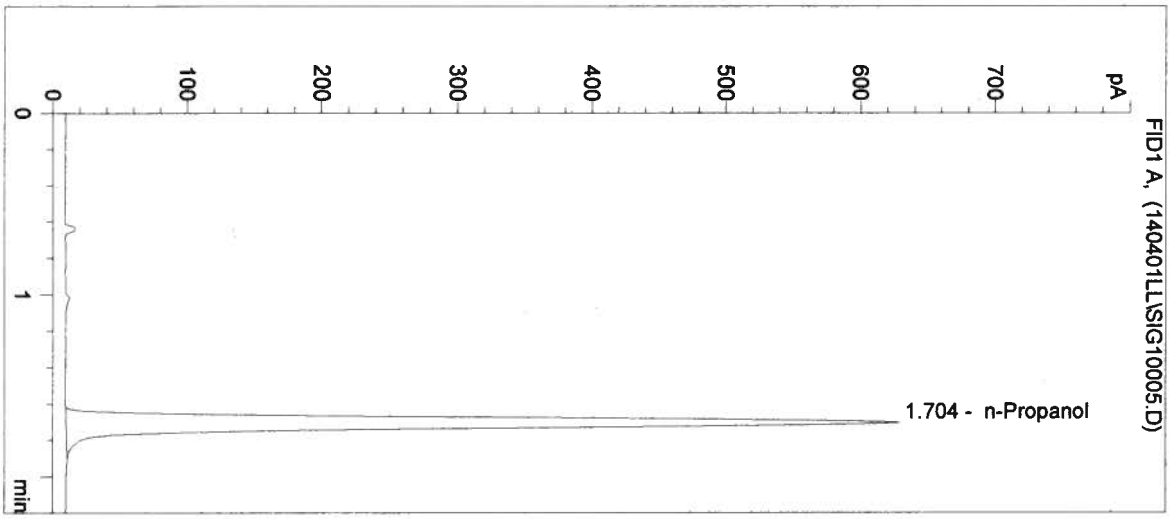
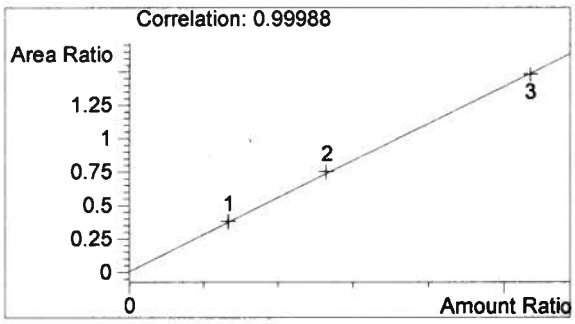
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/1/2014 2:11:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: Negative
Operator: Lyndsey Lowe
Location: Vial 5

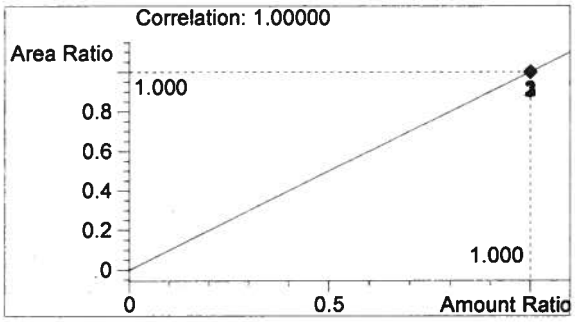


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2432	1.704



Ethanol 0.000 g/100mL

14009



n-Propanol 0.012 g/100mL

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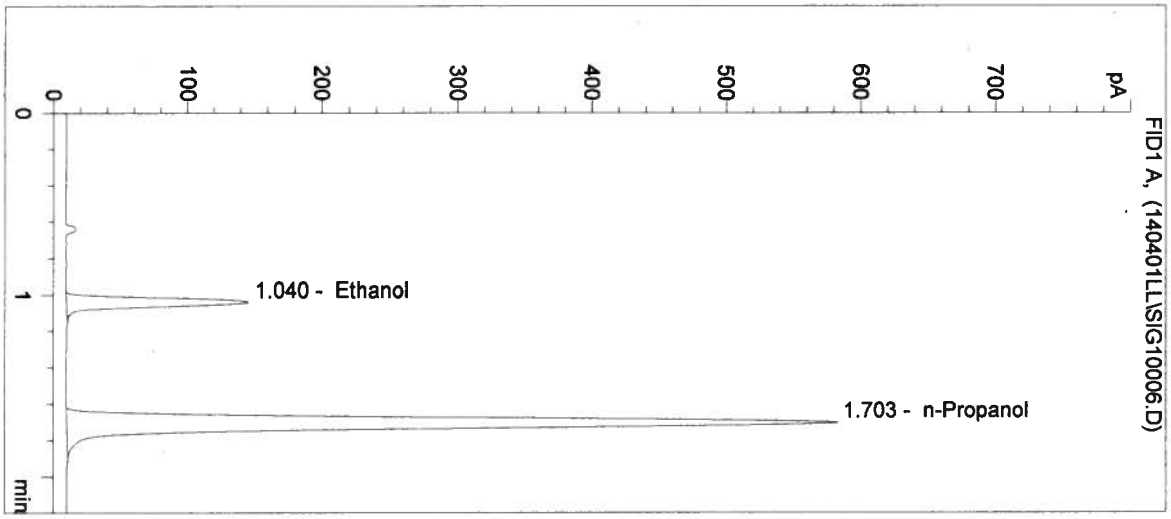
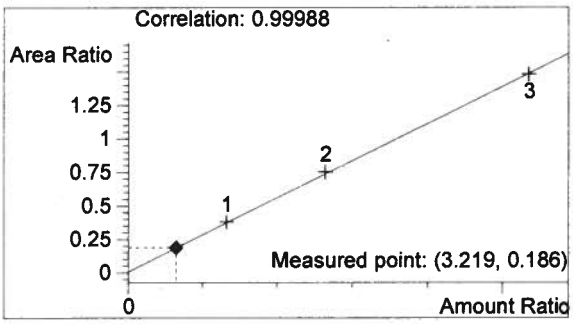
Inj. Date: 4/1/2014 2:14:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.04 Ctrl
Operator: Lyndsey Lowe
Location: Vial 6

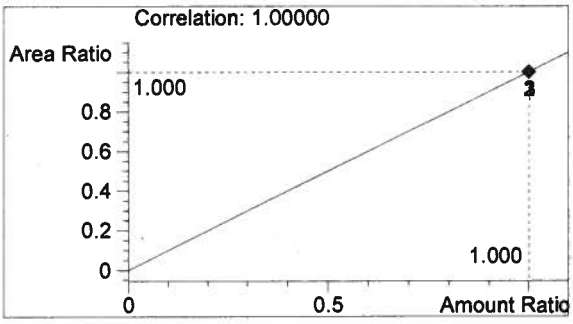


#	Compound	Peak Area	RT (min)
1	Ethanol	422	1.040
2	n-Propanol	2267	1.703



Ethanol 0.039 g/100mL

14009



n-Propanol 0.012 g/100mL

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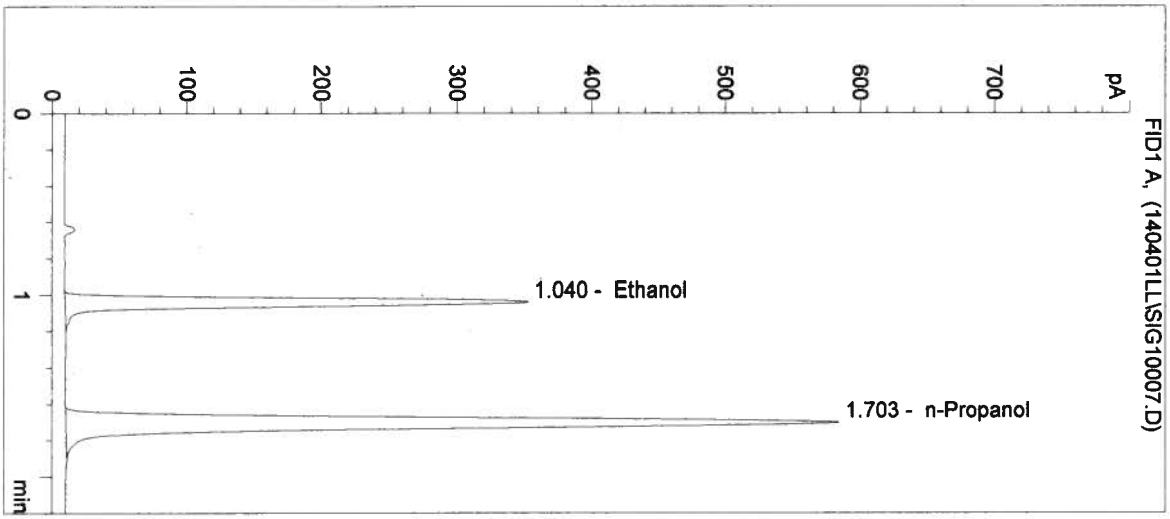
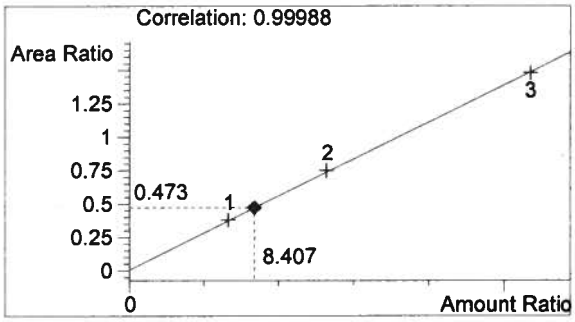
Inj. Date: 4/1/2014 2:17:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

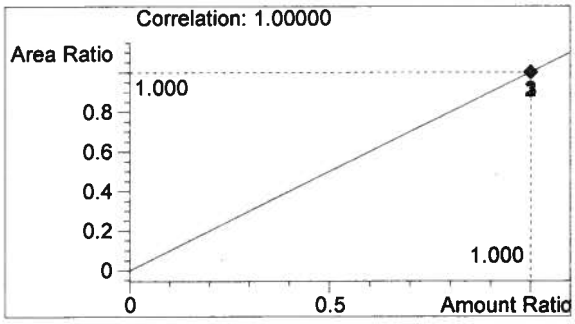
Sample Name: 0.10 Ctrl
Operator: Lyndsey Lowe
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1075	1.040
2	n-Propanol	2275	1.703



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

4009

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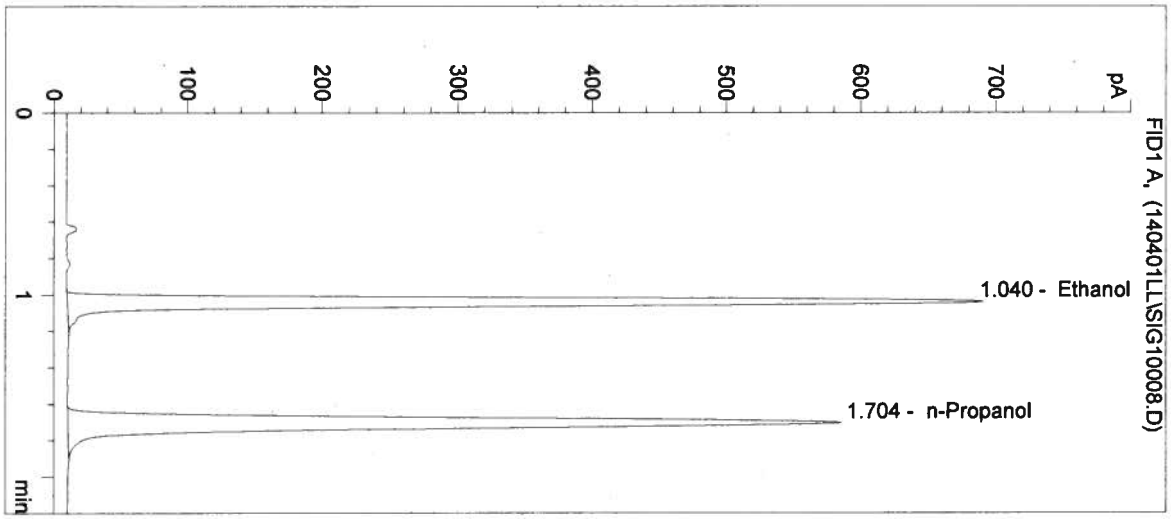
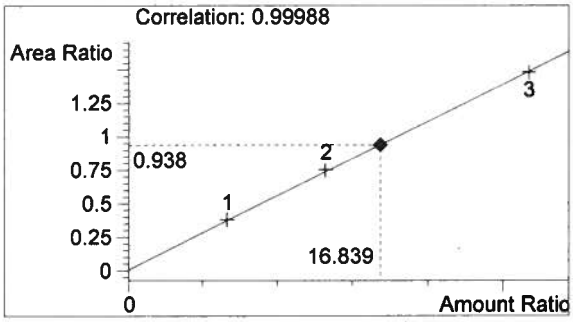
Inj. Date: 4/1/2014 2:20:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.20 Ctrl
Operator: Lyndsey Lowe
Location: Vial 8

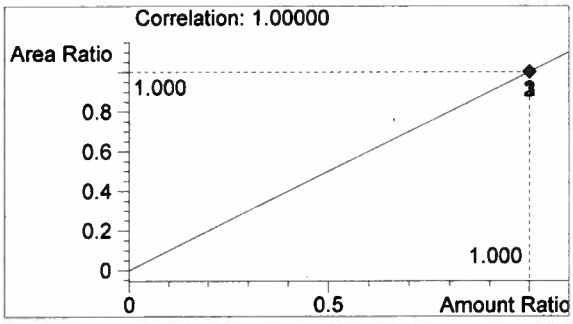


#	Compound	Peak Area	RT (min)
1	Ethanol	2136	1.040
2	n-Propanol	2276	1.704



Ethanol 0.202 g/100mL

14009



n-Propanol 0.012 g/100mL

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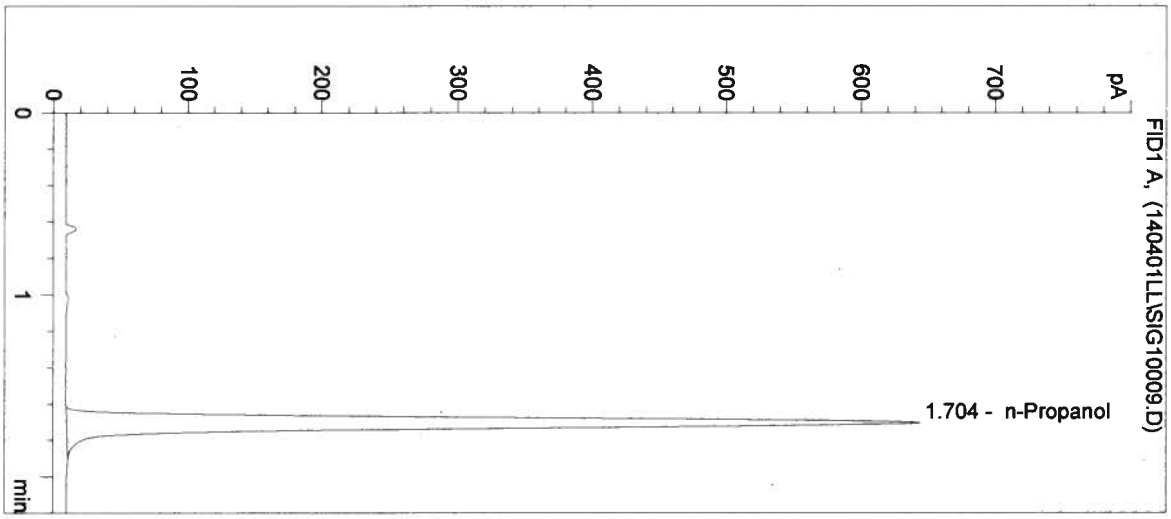
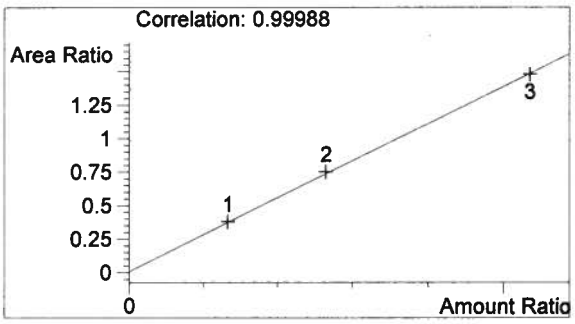
Inj. Date: 4/1/2014 2:23:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: Negative
Operator: Lyndsey Lowe
Location: Vial 9

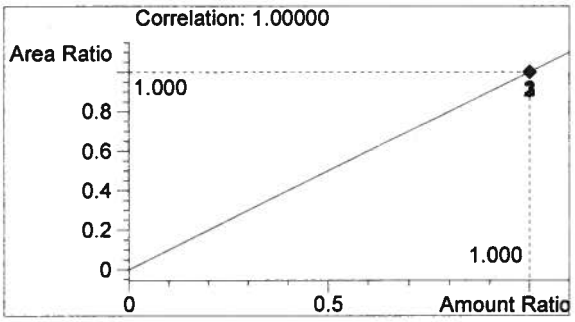


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2494	1.704



Ethanol 0.000 g/100mL

14009



n-Propanol 0.012 g/100mL

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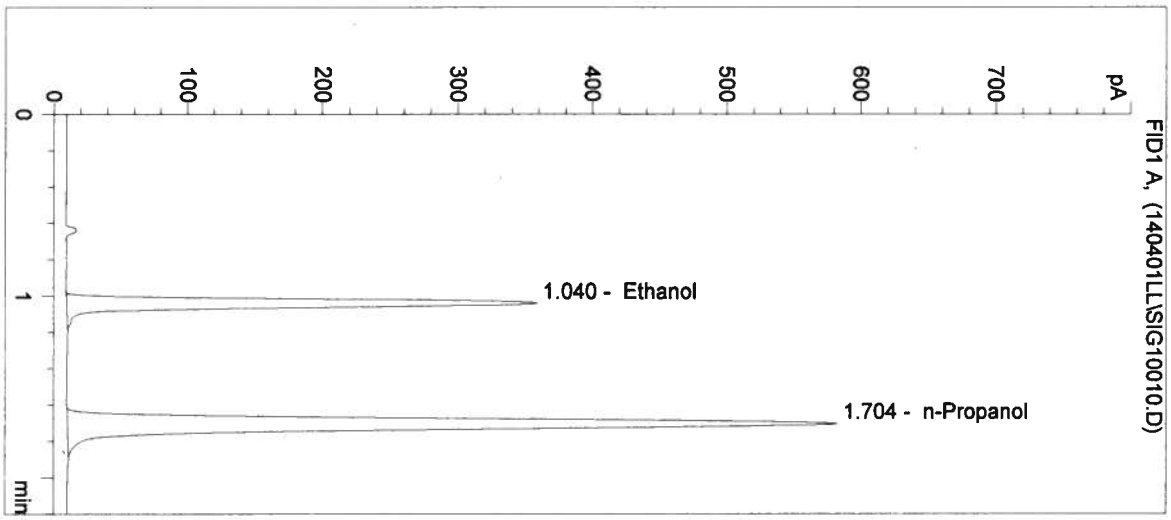
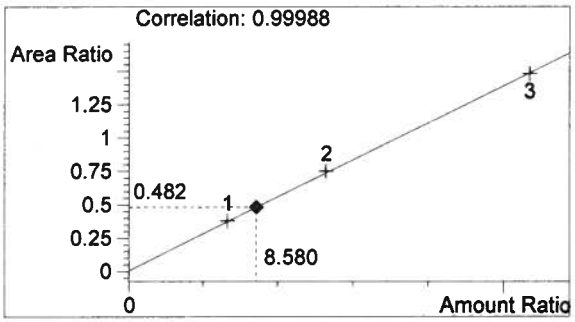
Inj. Date: 4/1/2014 2:26:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

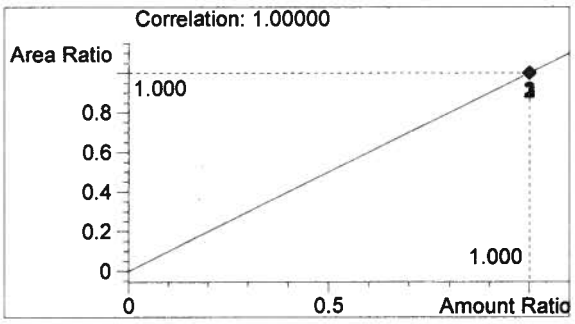
Sample Name: 14009 #1
Operator: Lyndsey Lowe
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1088	1.040
2	n-Propanol	2258	1.704



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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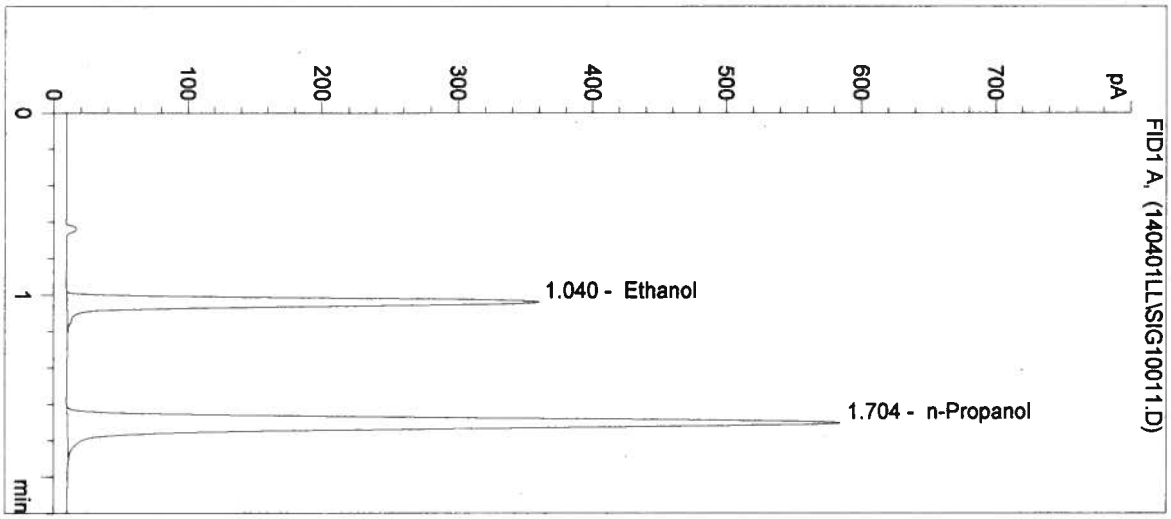
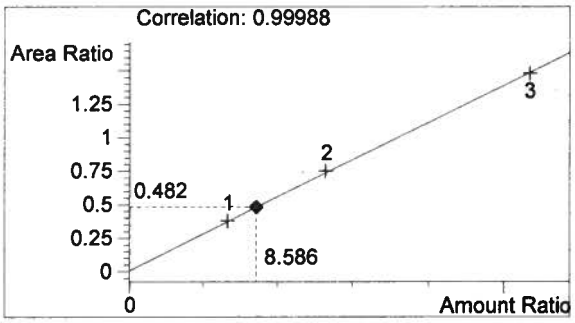
Inj. Date: 4/1/2014 2:29:56 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

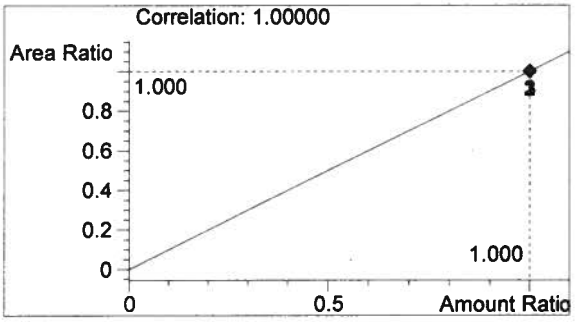
Sample Name: 14009 #2
Operator: Lyndsey Lowe
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1098	1.040
2	n-Propanol	2277	1.704



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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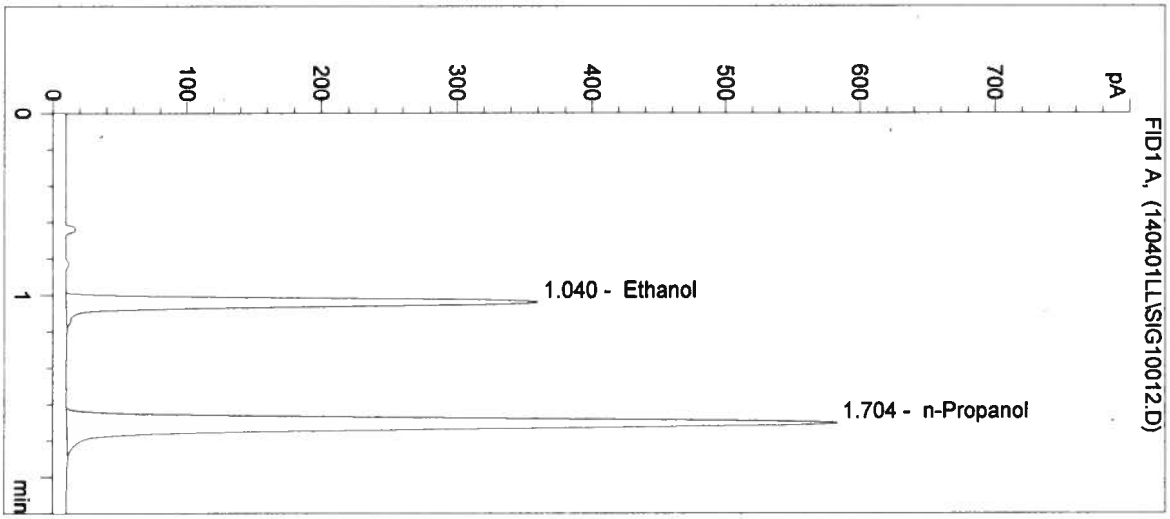
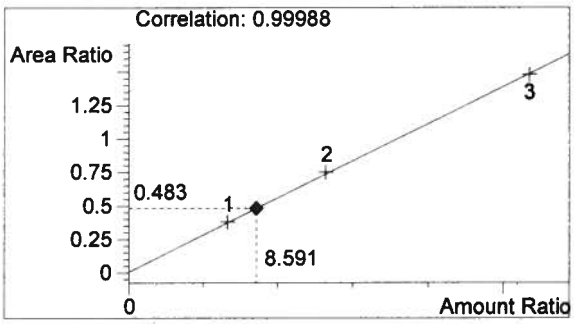
Inj. Date: 4/1/2014 2:33:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

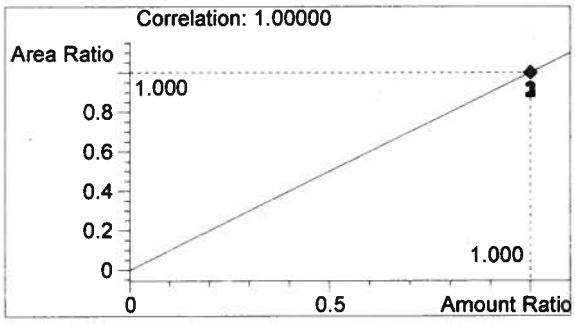
Sample Name: 14009 #3
Operator: Lyndsey Lowe
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1094	1.040
2	n-Propanol	2266	1.704



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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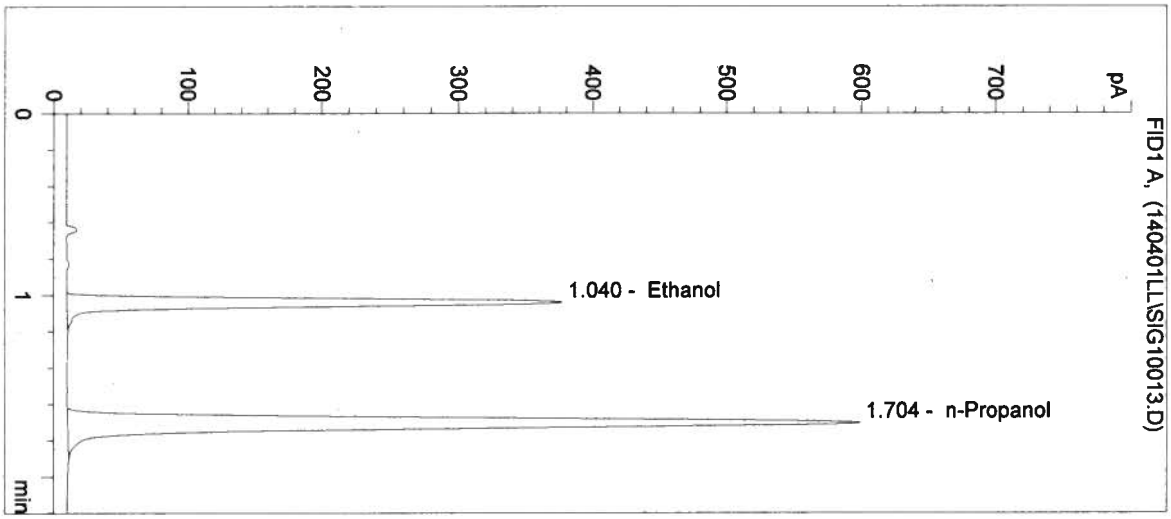
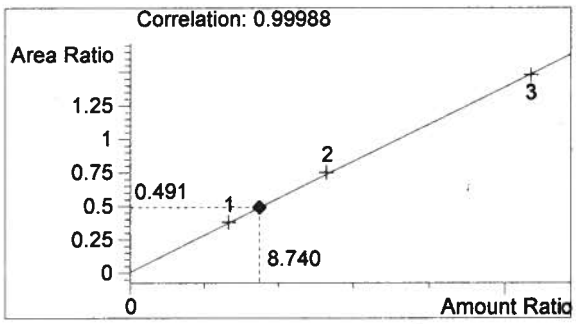
Inj. Date: 4/1/2014 2:36:06 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

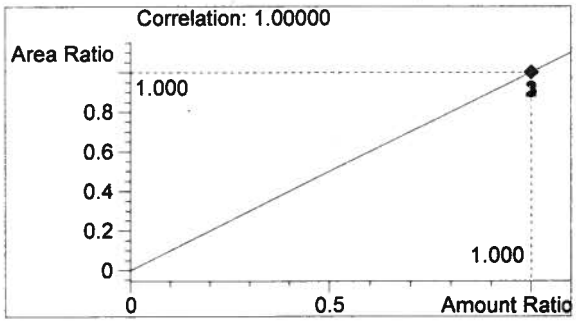
Sample Name: 14009 #4
Operator: Lyndsey Lowe
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1137	1.040
2	n-Propanol	2315	1.704



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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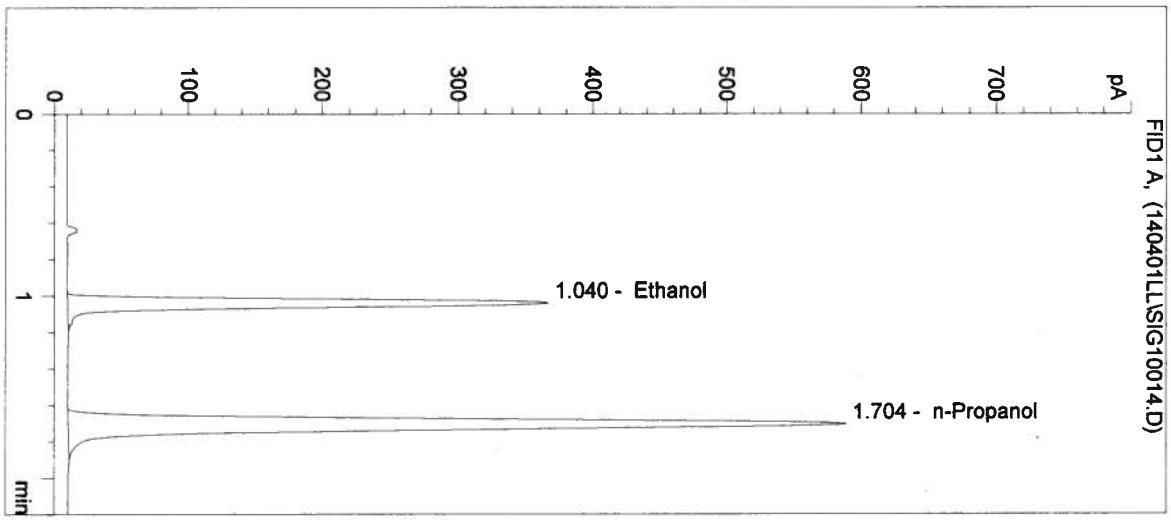
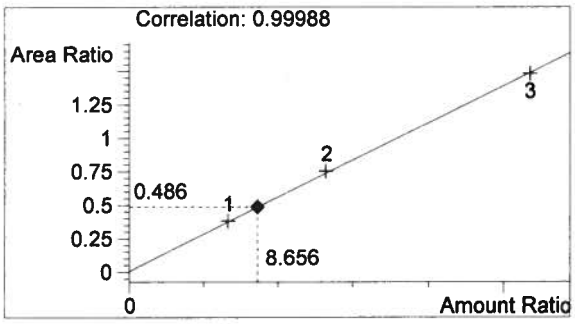
Inj. Date: 4/1/2014 2:39:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

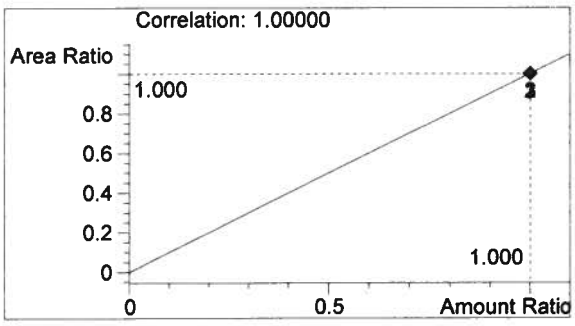
Sample Name: 14009 #5
Operator: Lyndsey Lowe
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.040
2	n-Propanol	2292	1.704



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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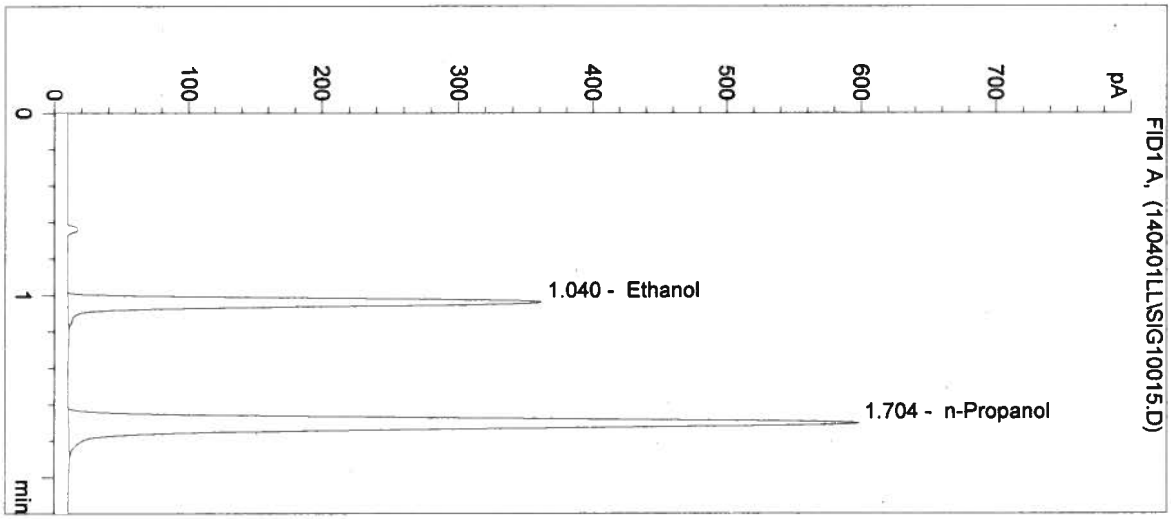
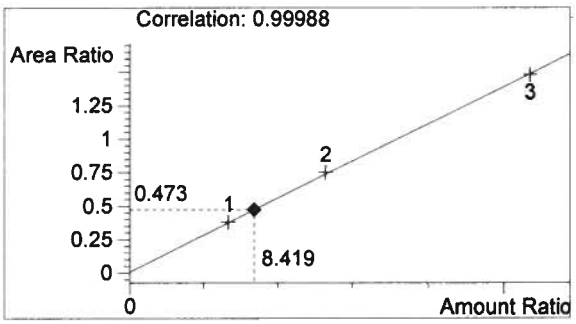
Inj. Date: 4/1/2014 2:42:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

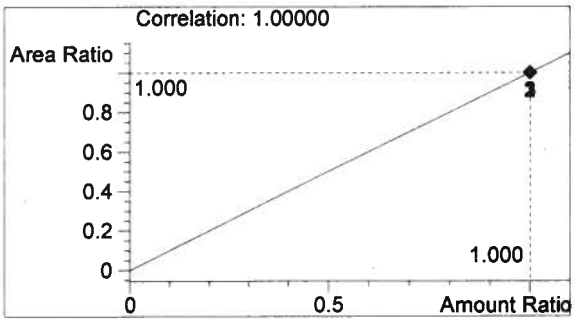
Sample Name: 0.10 Ctrl
Operator: Lyndsey Lowe
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1099	1.040
2	n-Propanol	2322	1.704



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

14009

Data File: C:\HPCHEM\1\DATA\140401LL\SIG10015.D

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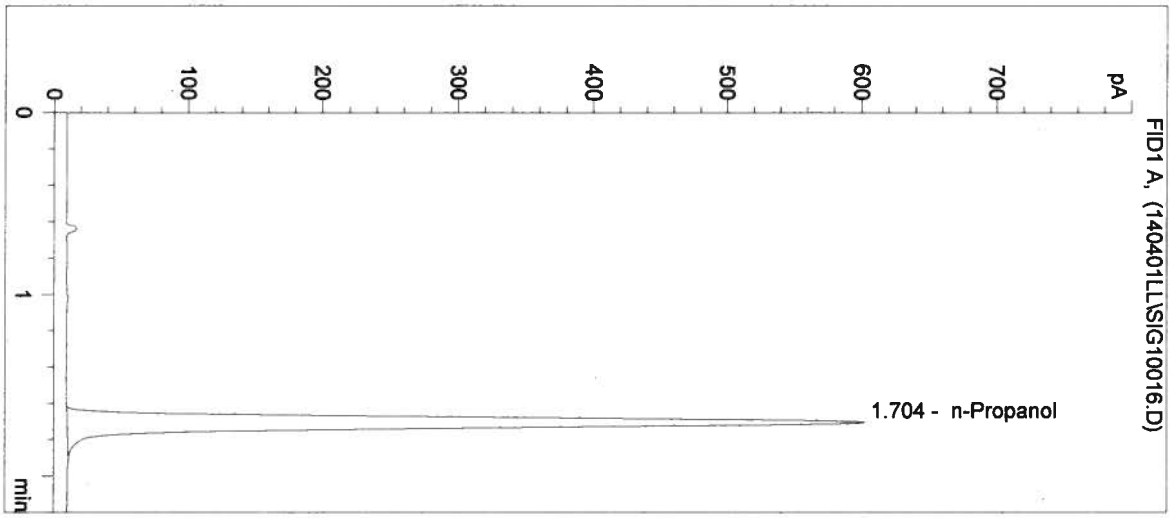
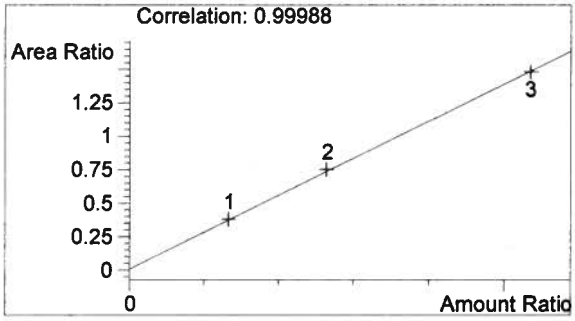
Inj. Date: 4/1/2014 2:45:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

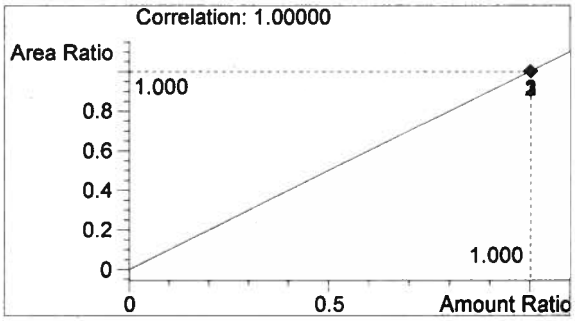
Sample Name: Negative
Operator: Lyndsey Lowe
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2347	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14009

Sequence Parameters:

Operator:	Christie Mitchell-Mata
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:	140402CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1-Lot#E1213-01 Exp. 6/3/2014
Ethanol Calibrator 2-Lot#E1213-02 Exp. 6/3/2014
Ethanol Calibrator 3-Lot#E1213-03 Exp. 6/3/2014
0.04 Ethanol Control Lot#FN120110-04 Exp 12/2015
0.10 Ethanol Control Lot#A095230 Exp 09/2017
0.20 Ethanol Control Lot#FN100511-01 Exp 10/2016
n-propanol ISTD Lot#P0114 Exp. 4/26/2014

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 - CM	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - CM	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
10	Vial 10	14009 #1	SIMALC1	1	Sample		
11	Vial 11	14009 #2	SIMALC1	1	Sample		
12	Vial 12	14009 #3	SIMALC1	1	Sample		
13	Vial 13	14009 #4	SIMALC1	1	Sample		
14	Vial 14	14009 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		

Calibration Part:

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	

CM

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

Sequence Table (Back Injector):

No entries - empty table!

14009

Calibration Table

Calib. Data Modified : Wednesday, April 02, 2014 11:01:38 AM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	8.00300e-2	839.78510	9.52982e-5	1		Ethanol
		2	1.58560e-1	1689.48865	9.38509e-5			
		3	3.21220e-1	3335.62061	9.62999e-5			
1.704	1	1	1.20000e-2	2265.37939	5.29713e-6	I1		n-Propanol
		2	1.20000e-2	2274.39160	5.27614e-6			
		3	1.20000e-2	2255.56836	5.32017e-6			

14009

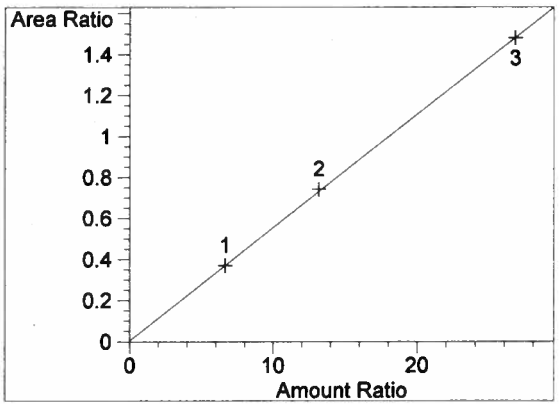
Peak Sum Table

No Entries in table

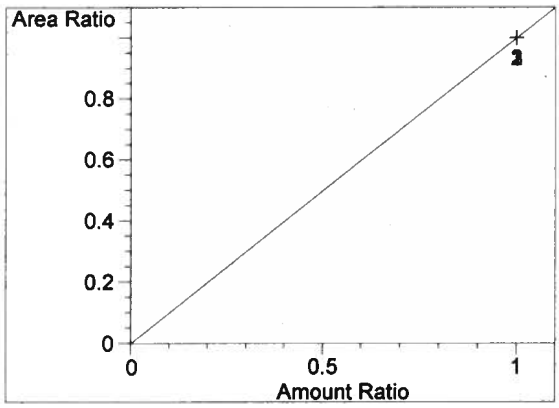
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99995
Residual Std. Dev.: 0.00752
Formula: y = mx + b
m: 5.52679e-2
b: 3.52027e-3
x: Amount Ratio
y: Area Ratio



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

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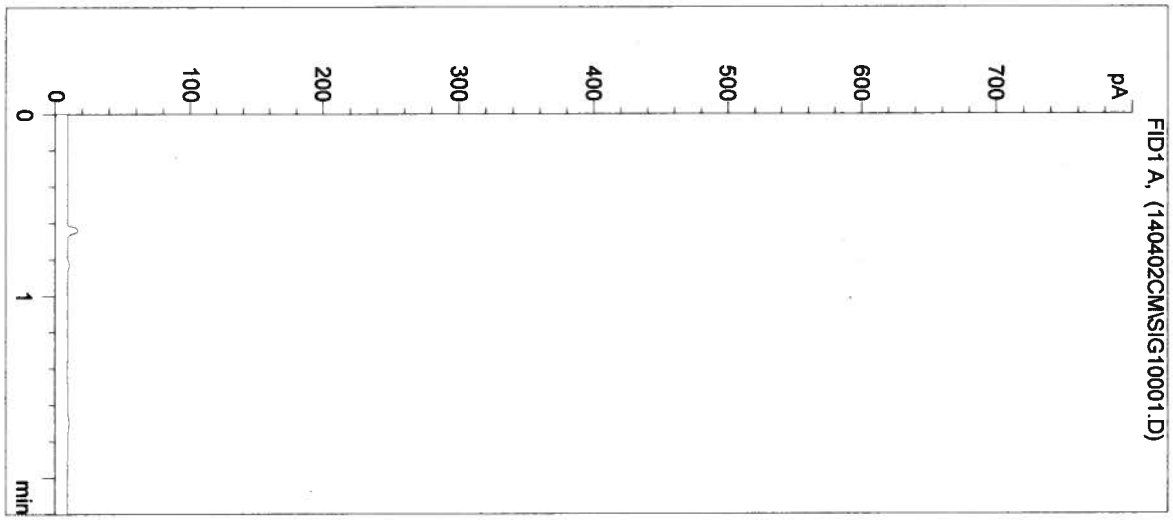
14009

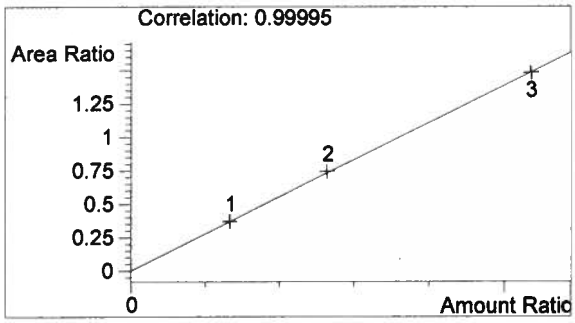
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/2/2014 10:50:10 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: BLANK
Operator: Christie Mitchell-Mata
Location: Vial 1

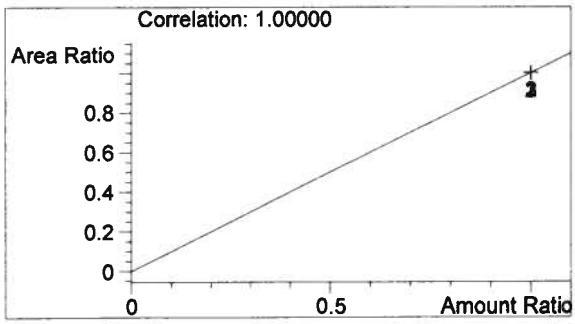


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14009



n-Propanol 0.000 g/100mL

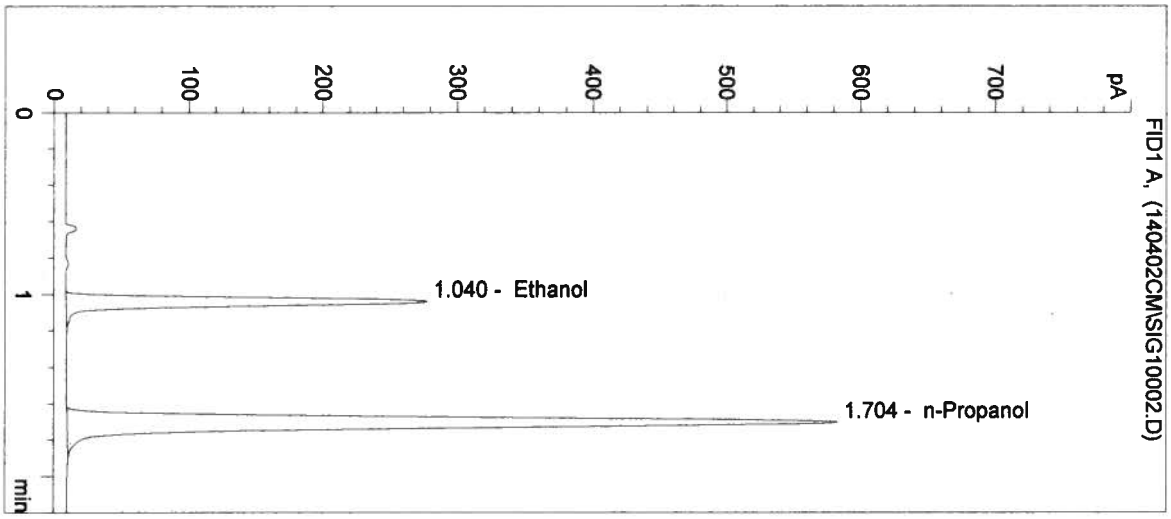
Data File: C:\HPCHEM\1\DATA\140402CM\SIG10001.D

CM

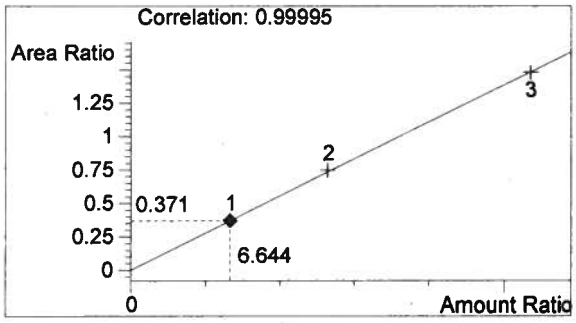
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/2/2014 10:53:15 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

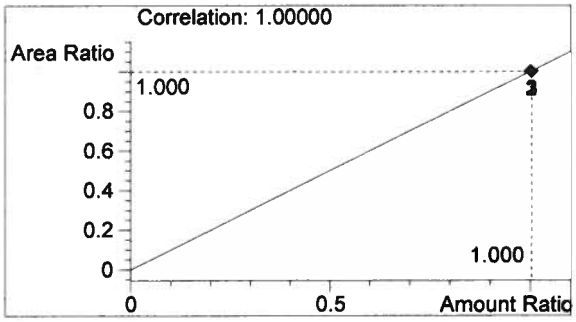
Sample Name: CAL 1 (0.079)
Operator: Christie Mitchell-Mata
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	840	1.040
2	n-Propanol	2265	1.704



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

14009

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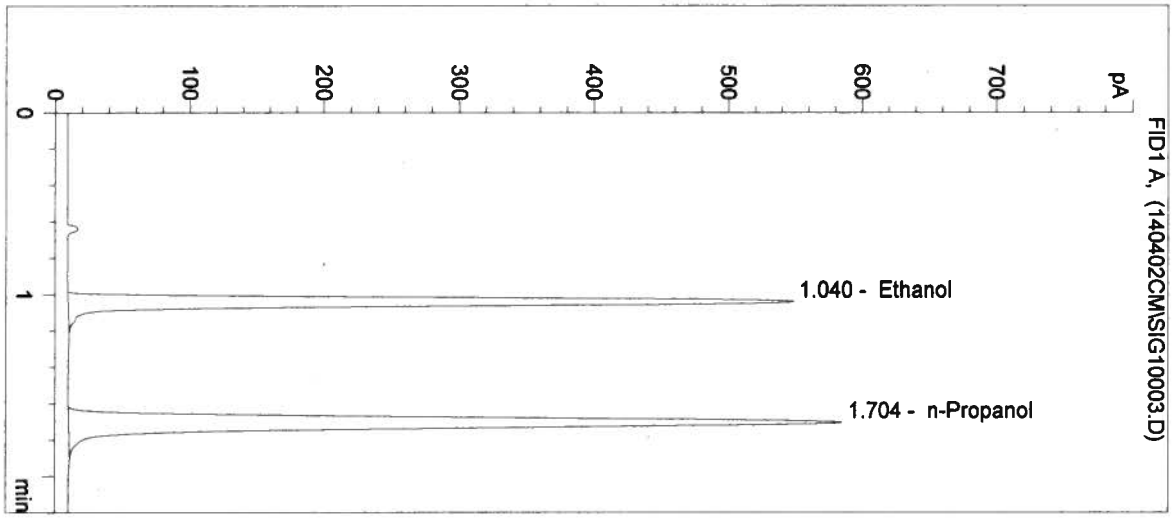
cm

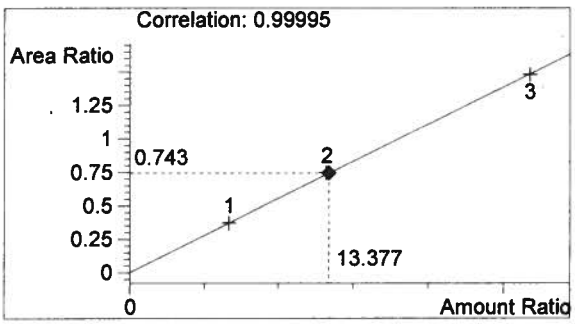
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/2/2014 10:56:20 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

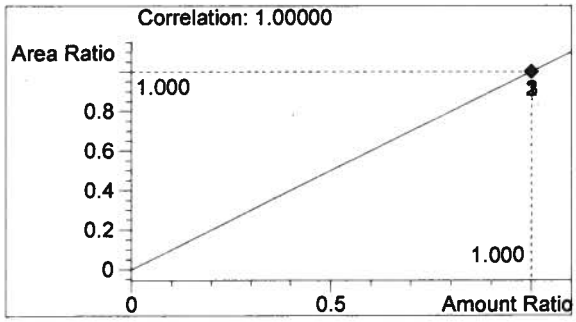
Sample Name: CAL 2 (0.158)
Operator: Christie Mitchell-Mata
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1689	1.040
2	n-Propanol	2274	1.704



Ethanol 0.161 g/100mL



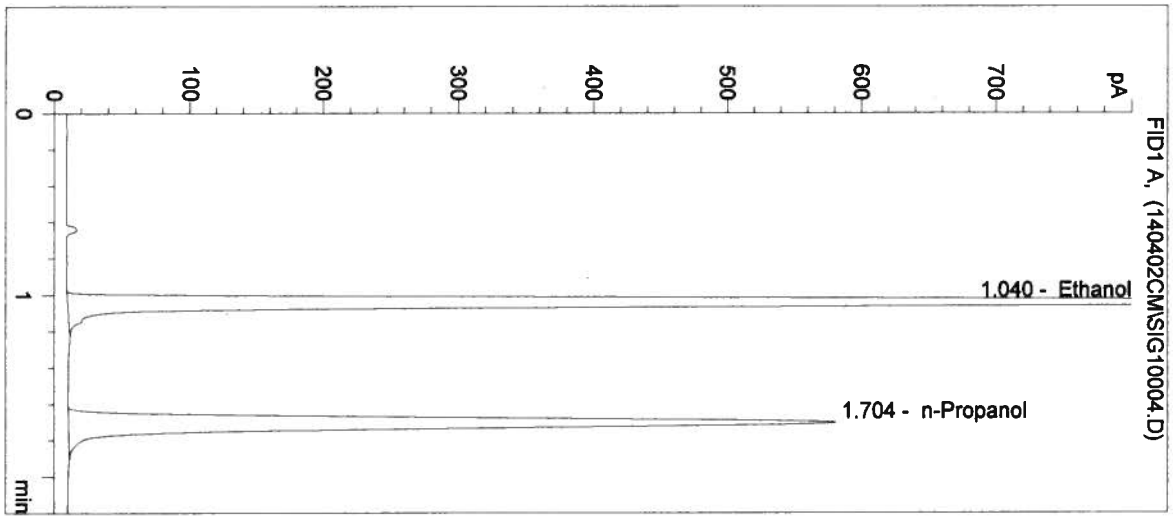
n-Propanol 0.012 g/100mL

14009

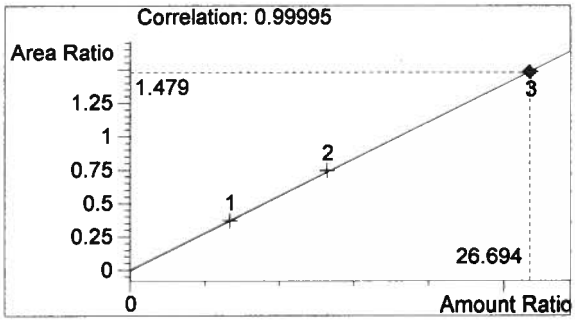
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/2/2014 10:59:25 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

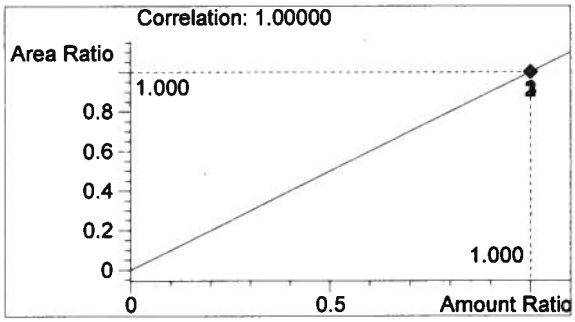
Sample Name: CAL 3 (0.316)
Operator: Christie Mitchell-Mata
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3336	1.040
2	n-Propanol	2256	1.704



Ethanol 0.320 g/100mL



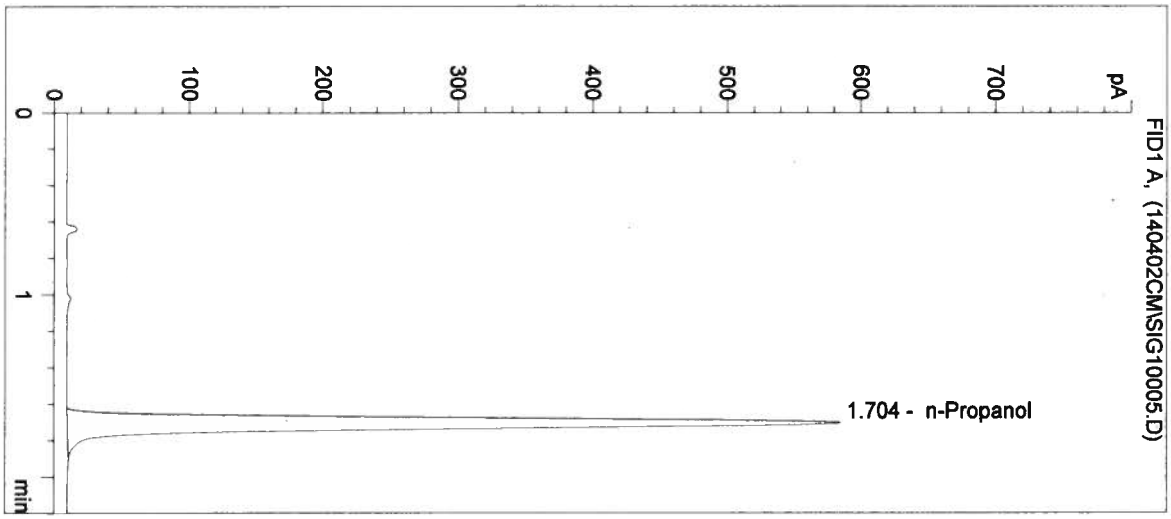
n-Propanol 0.012 g/100mL

14009

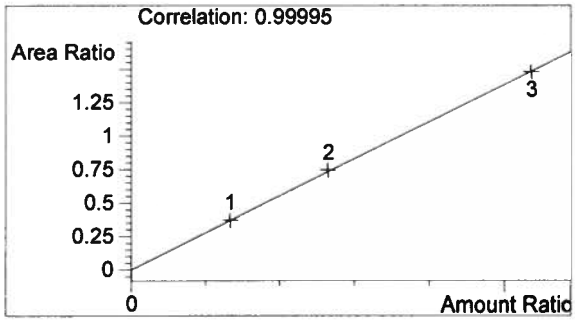
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/2/2014 11:02:29 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

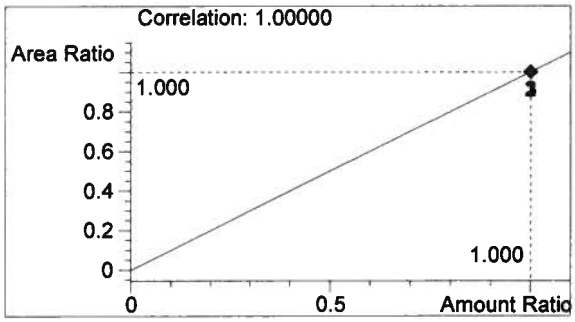
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2275	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14009

CM

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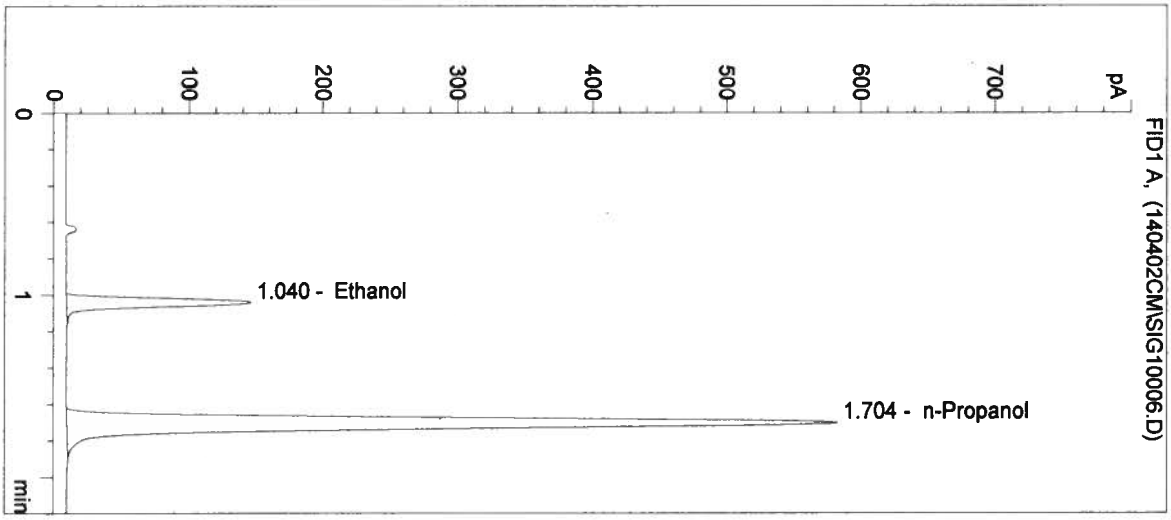
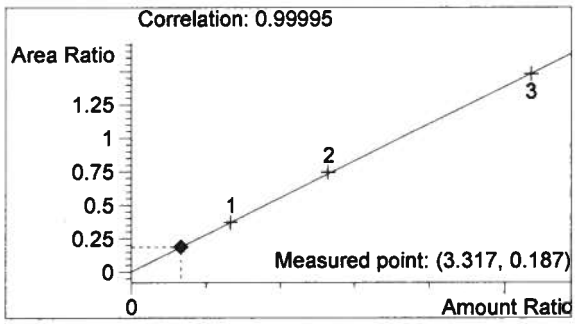
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/2/2014 11:05:34 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

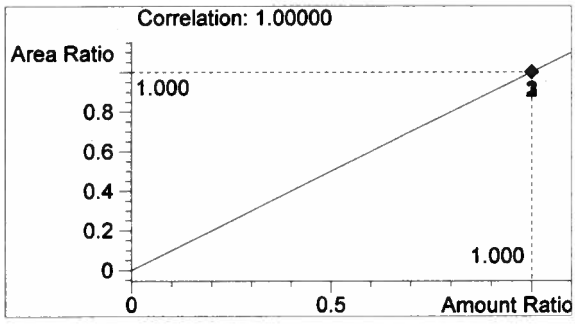
Sample Name: 0.04 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	423	1.040
2	n-Propanol	2265	1.704



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

14009

CM

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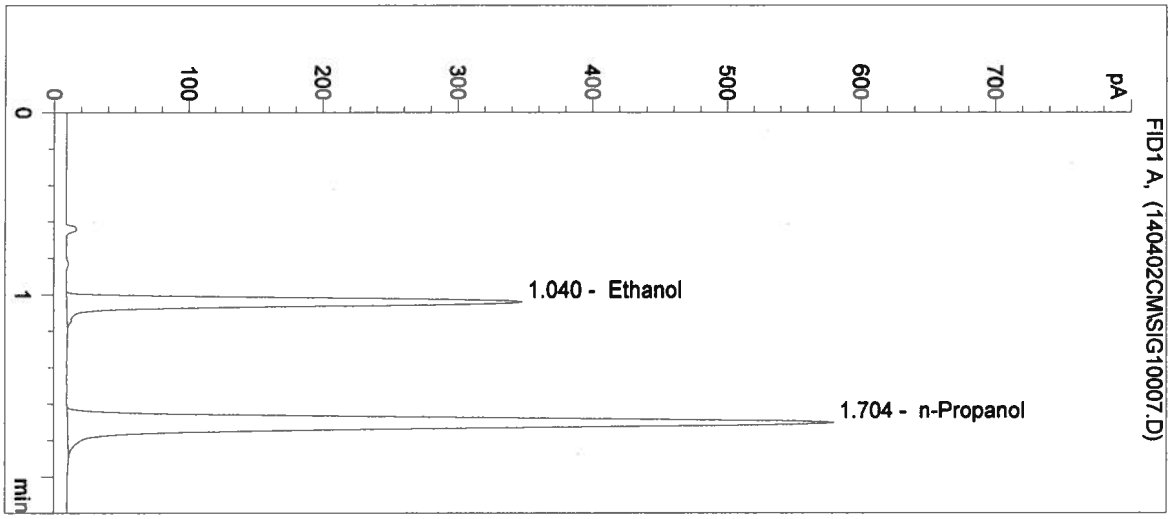
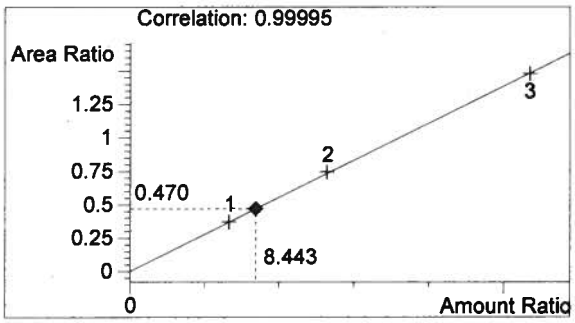
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/2/2014 11:08:39 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

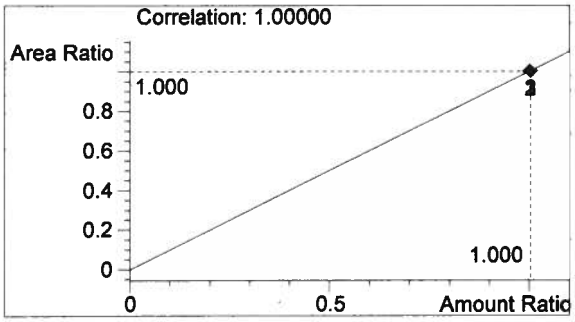
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1062	1.040
2	n-Propanol	2260	1.704



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

14009

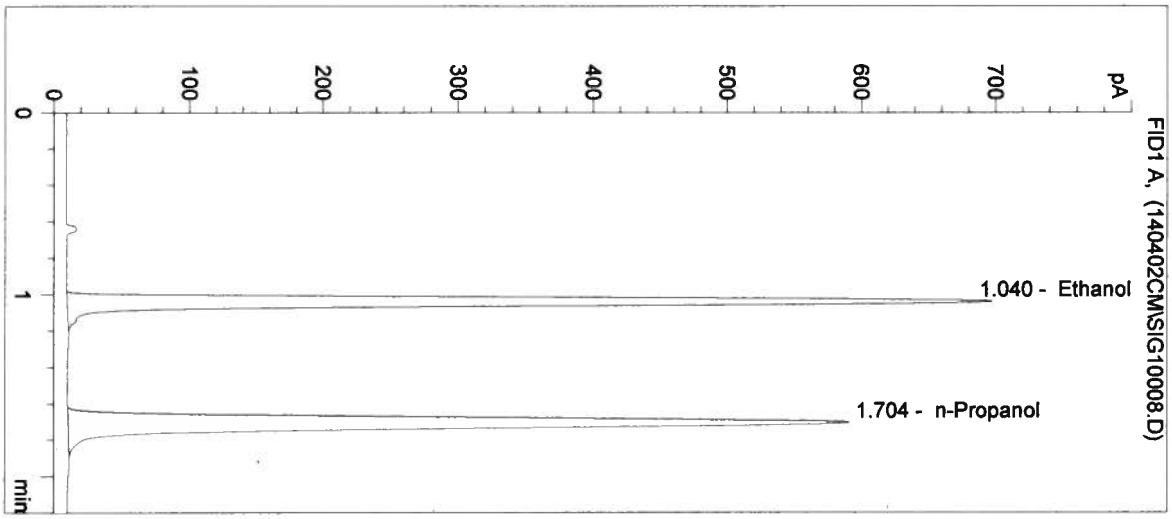
Data File: C:\HPCHEM\1\DATA\140402CM\SIG10007.D

ar

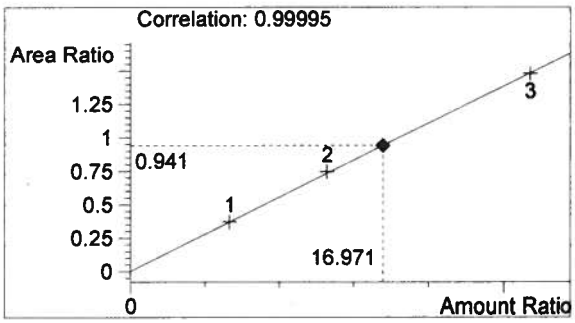
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/2/2014 11:11:43 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

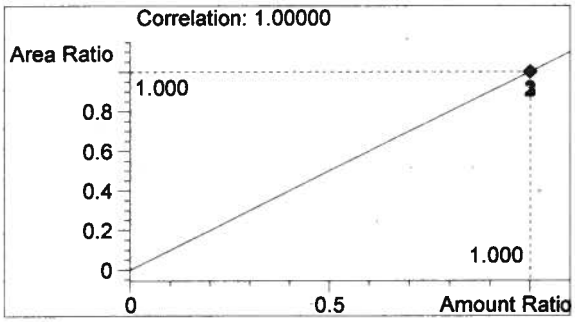
Sample Name: 0.20 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2167	1.040
2	n-Propanol	2301	1.704



Ethanol 0.204 g/100mL



n-Propanol 0.012 g/100mL

14009

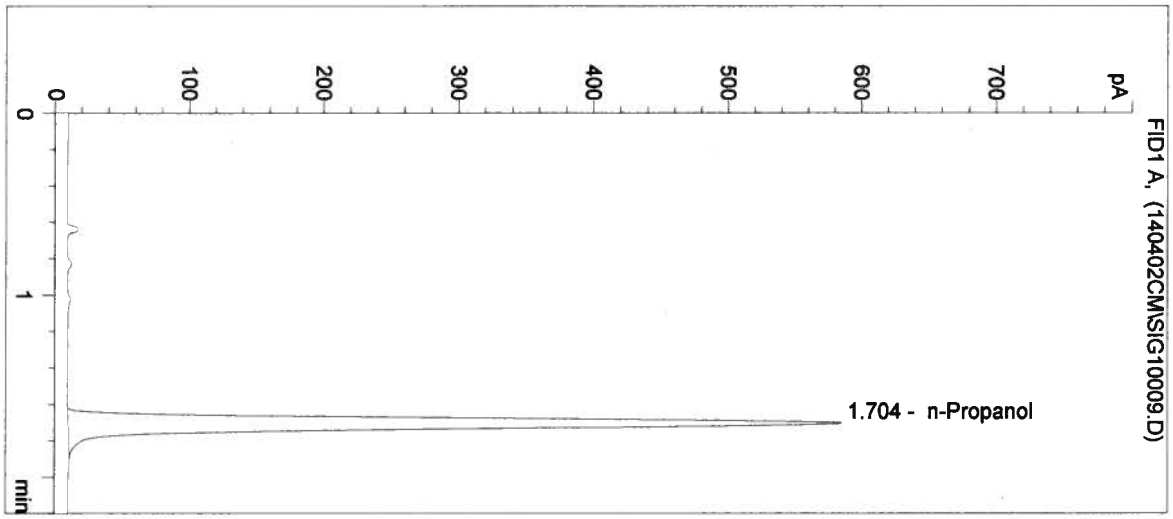
Data File: C:\HPCHEM\1\DATA\140402CM\SIG10008.D

CM

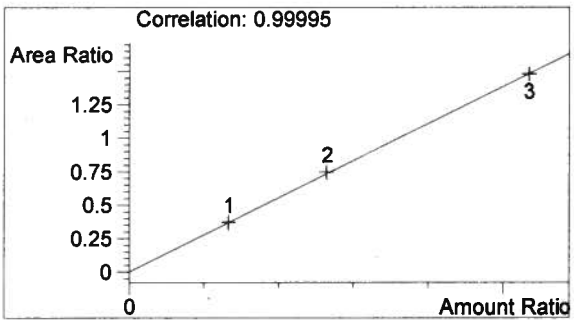
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/2/2014 11:14:48 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

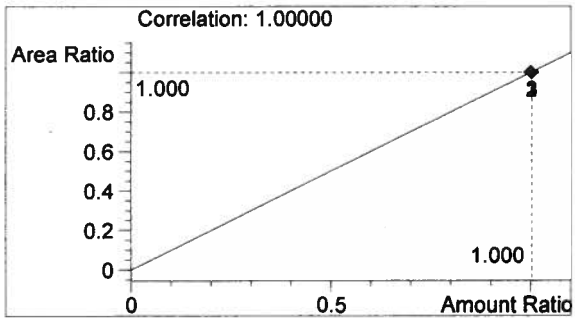
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2279	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14009

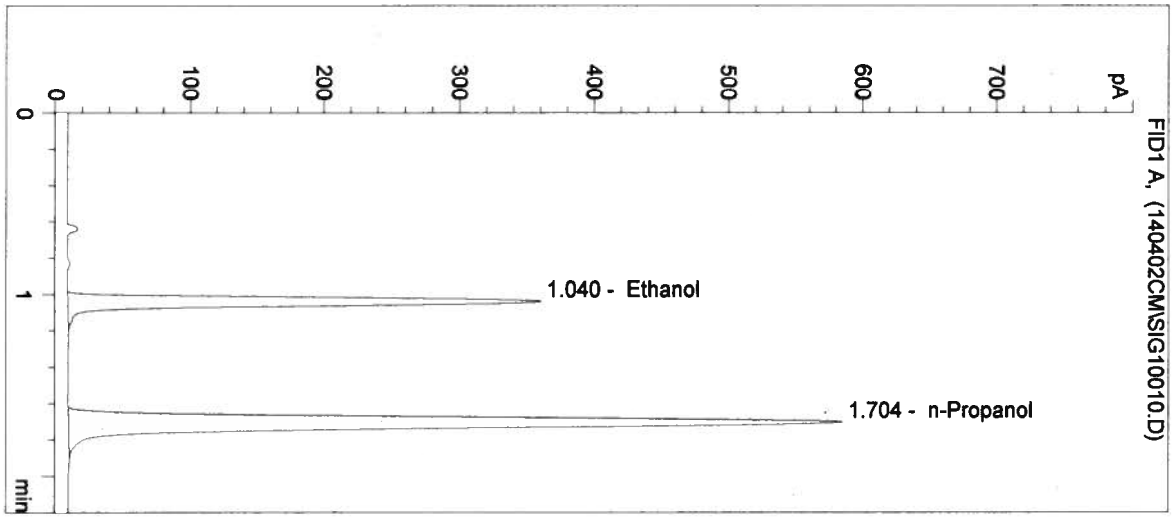
Data File: C:\HPCHEM\1\DATA\140402CM\SIG10009.D

CM

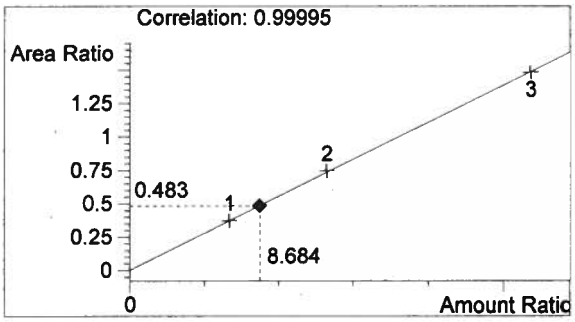
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/2/2014 11:17:53 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

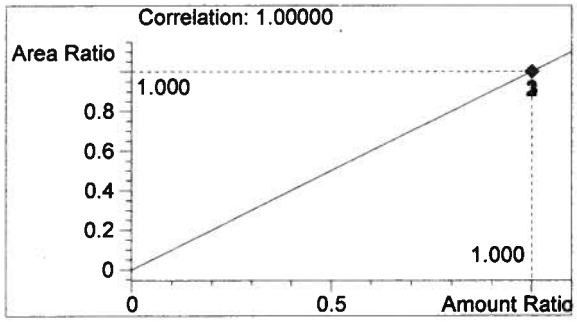
Sample Name: 14009 #1
Operator: Christie Mitchell-Mata
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1099	1.040
2	n-Propanol	2273	1.704



Ethanol 0.104 g/100mL



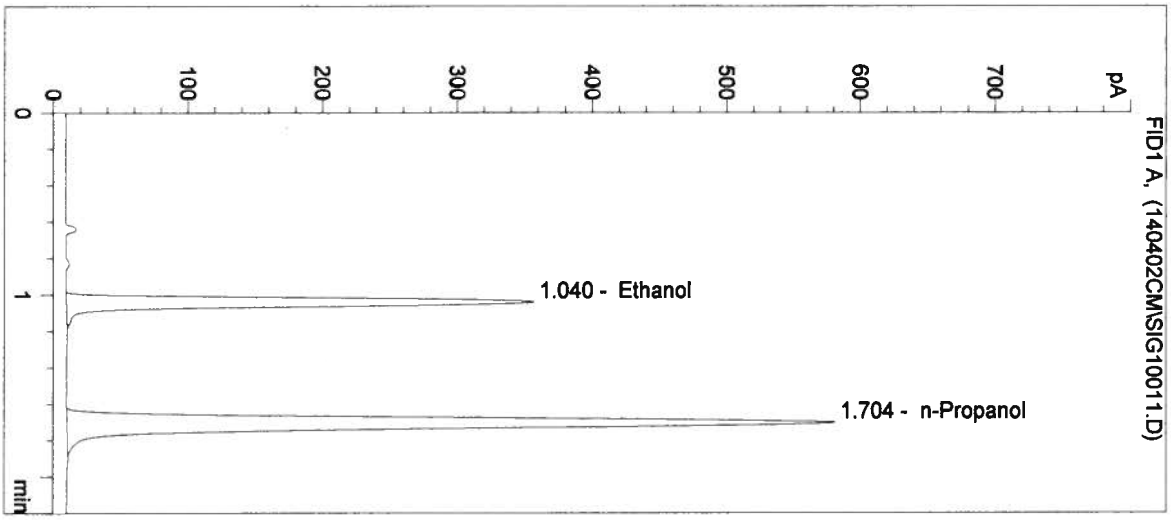
n-Propanol 0.012 g/100mL

CM

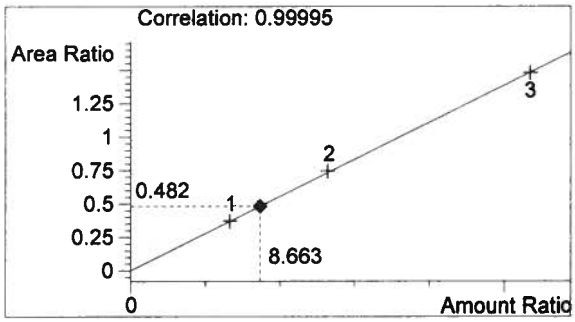
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/2/2014 11:20:58 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

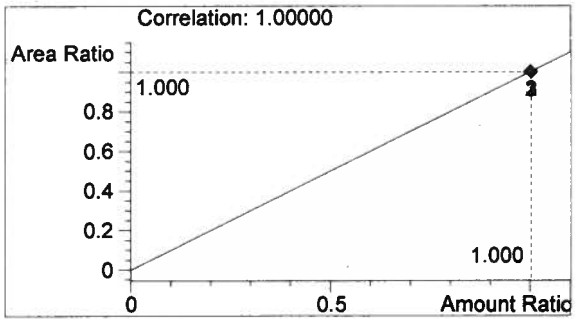
Sample Name: 14009 #2
Operator: Christie Mitchell-Mata
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1087	1.040
2	n-Propanol	2255	1.704



Ethanol 0.104 g/100mL

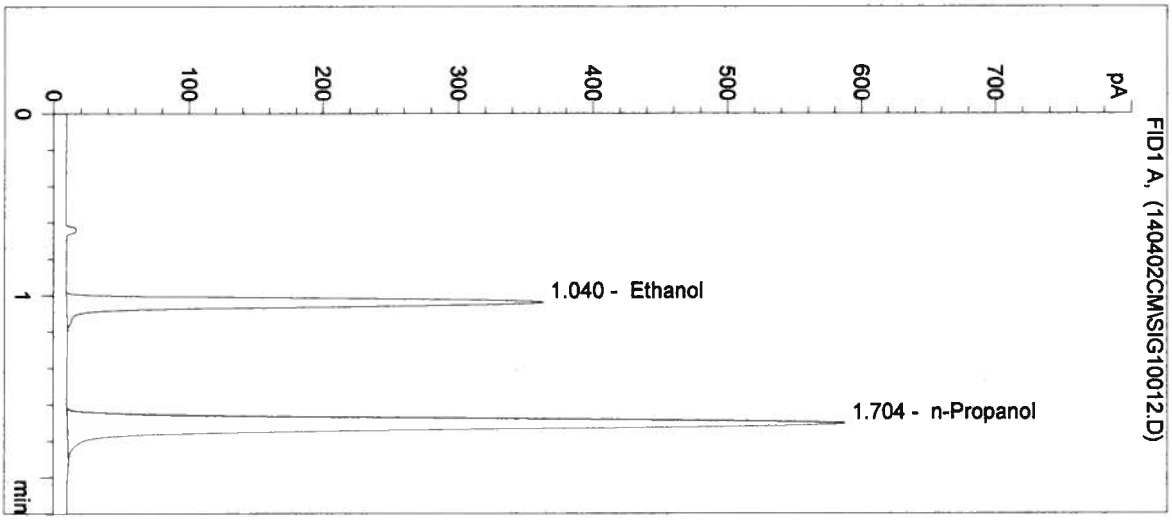


n-Propanol 0.012 g/100mL

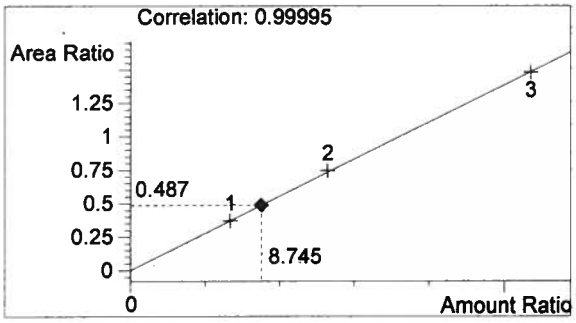
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/2/2014 11:24:02 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

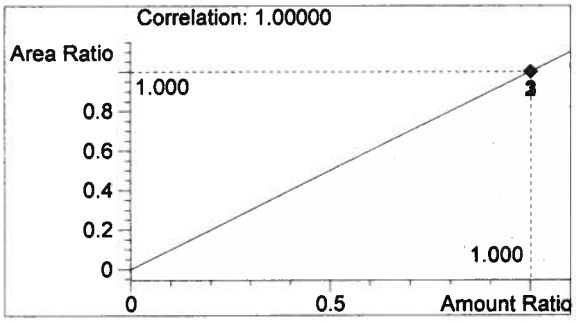
Sample Name: 14009 #3
Operator: Christie Mitchell-Mata
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.040
2	n-Propanol	2291	1.704



Ethanol 0.105 g/100mL

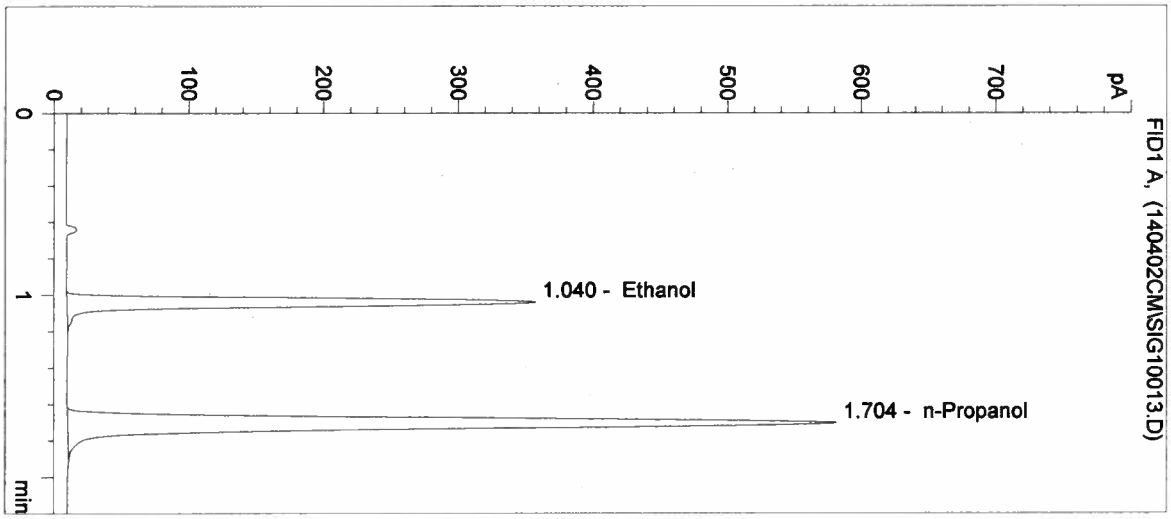


n-Propanol 0.012 g/100mL

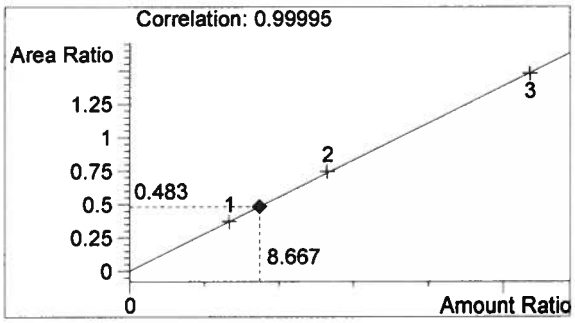
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/2/2014 11:27:07 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

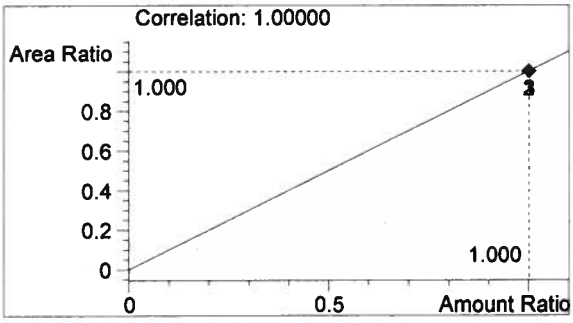
Sample Name: 14009 #4
Operator: Christie Mitchell-Mata
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1094	1.040
2	n-Propanol	2268	1.704



Ethanol 0.104 g/100mL



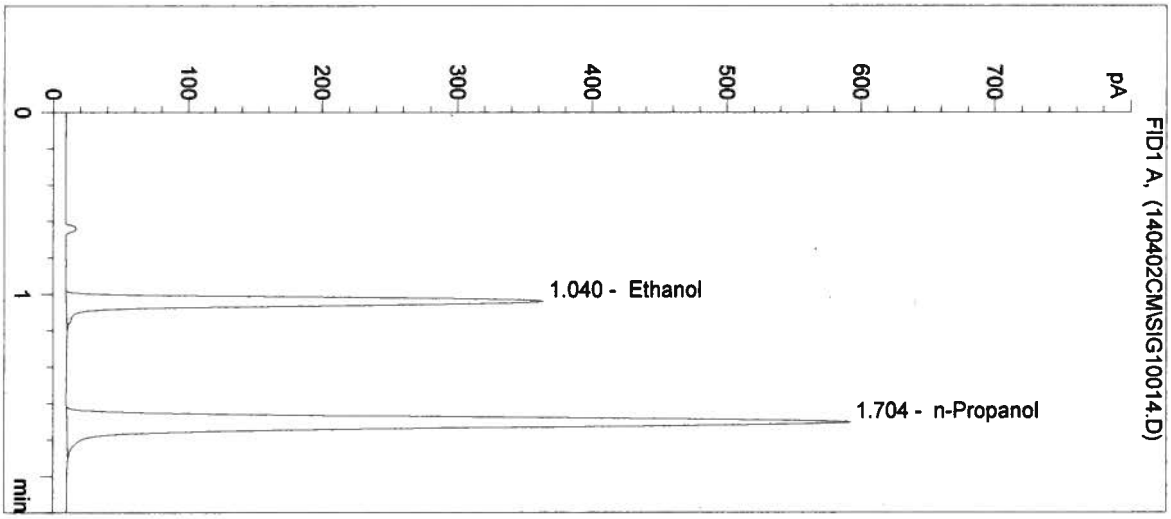
n-Propanol 0.012 g/100mL

CM

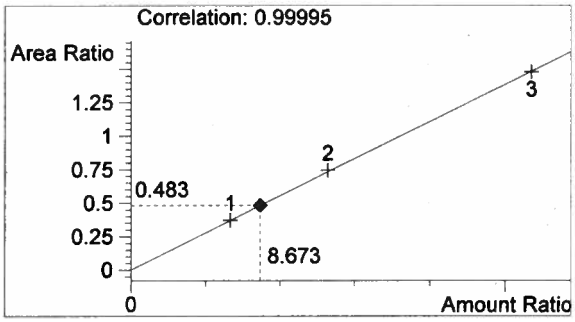
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/2/2014 11:30:12 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

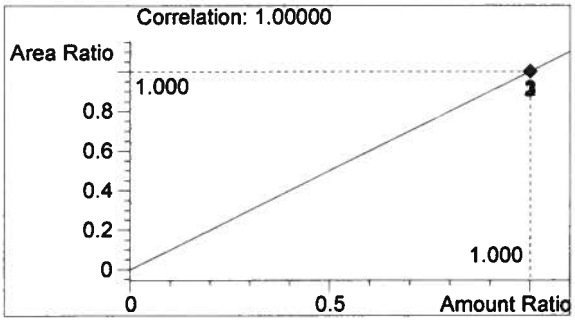
Sample Name: 14009 #5
Operator: Christie Mitchell-Mata
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.040
2	n-Propanol	2309	1.704



Ethanol 0.104 g/100mL



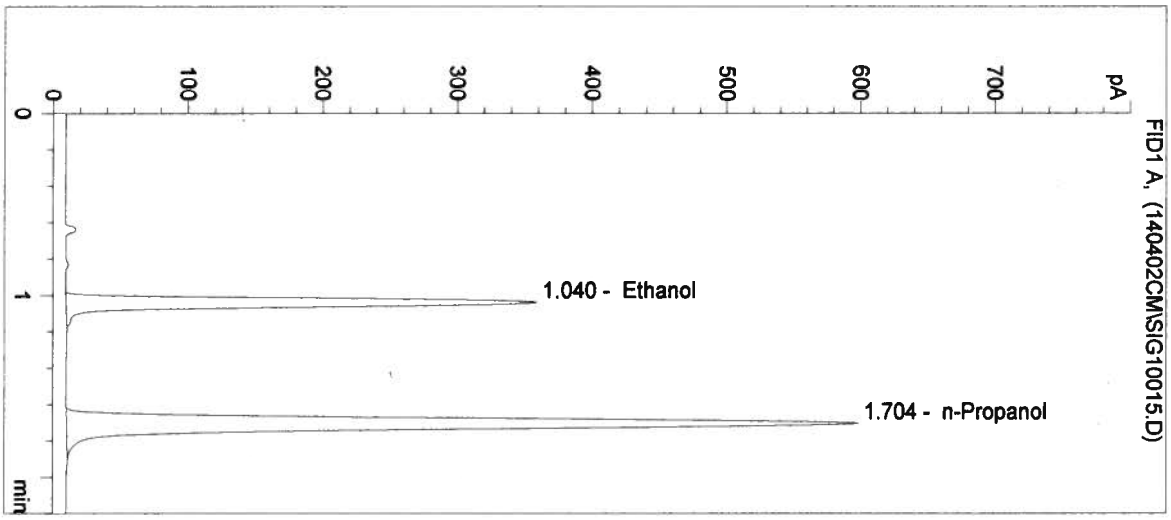
n-Propanol 0.012 g/100mL

CM

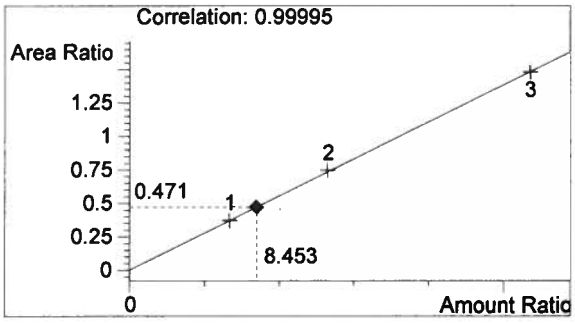
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/2/2014 11:33:17 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

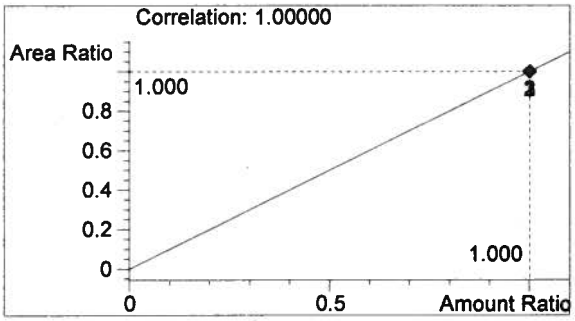
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1095	1.040
2	n-Propanol	2327	1.704



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

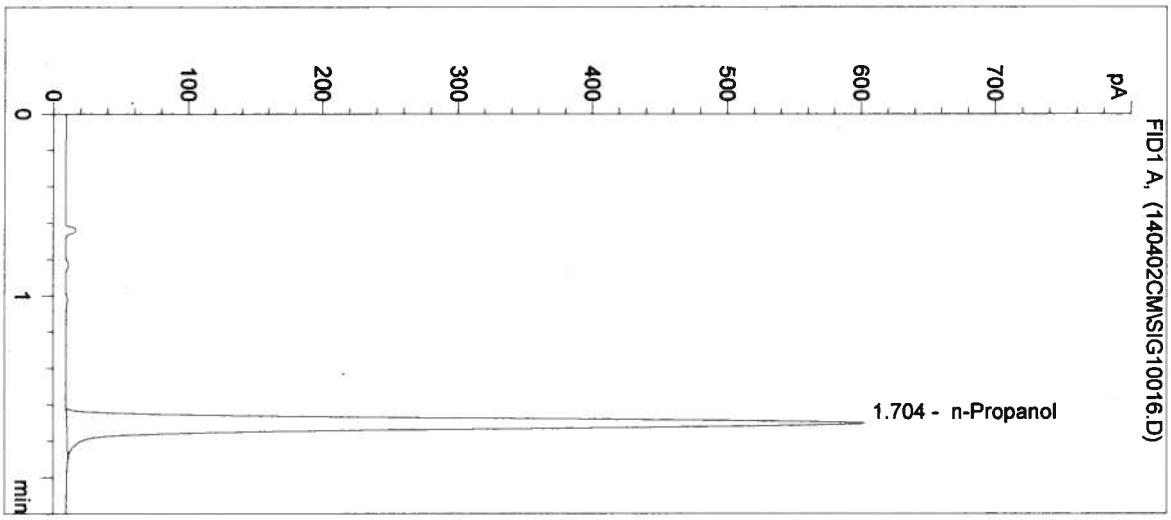
14009

CM

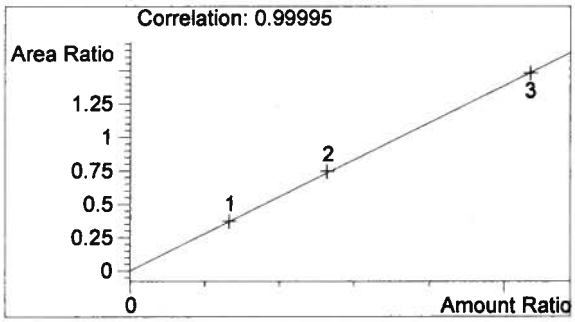
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/2/2014 11:36:22 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 16

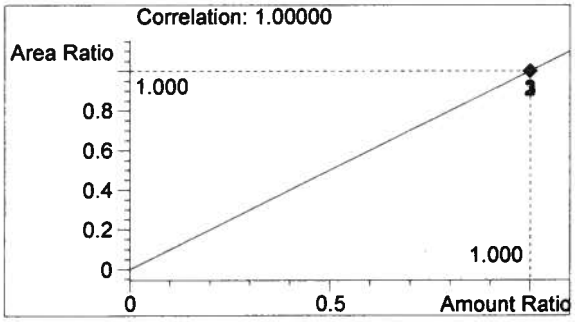


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2351	1.704



Ethanol 0.000 g/100mL

14009



n-Propanol 0.012 g/100mL

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cm

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:	140407SS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot# FN120110-04 - exp 12/2015
0.10 Control - Lot# A095230 - exp 09/2017
0.20 Control - Lot# FN100511-01 - exp 10/2016
n-Propanol ISTD - Lot# P0314 - exp 6/24/14
0.079 Cal 1 - Lot# E1213-01 - exp 6/3/2014
0.158 Cal 2 - Lot# E1213-02 - exp 6/3/2014
0.316 Cal 3 - Lot# E1213-03 - exp 6/3/2014

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	14009 #1	SIMALC1	1	Sample		
11	Vial 11	14009 #2	SIMALC1	1	Sample		
12	Vial 12	14009 #3	SIMALC1	1	Sample		
13	Vial 13	14009 #4	SIMALC1	1	Sample		
14	Vial 14	14009 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		

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	

SMS

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

Sequence Table (Back Injector):

No entries - empty table!

14009

SMS

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

Calibration Table

Calib. Data Modified : Monday, April 07, 2014 12:59:50 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	8.00300e-2	888.60388	9.00626e-5	1		Ethanol
		2	1.58560e-1	1708.44238	9.28097e-5			
		3	3.21220e-1	3469.74976	9.25773e-5			
1.704	1	1	1.20000e-2	2510.42505	4.78007e-6	I1		n-Propanol
		2	1.20000e-2	2438.47021	4.92112e-6			
		3	1.20000e-2	2507.78320	4.78510e-6			

14009

Peak Sum Table

No Entries in table

SMS

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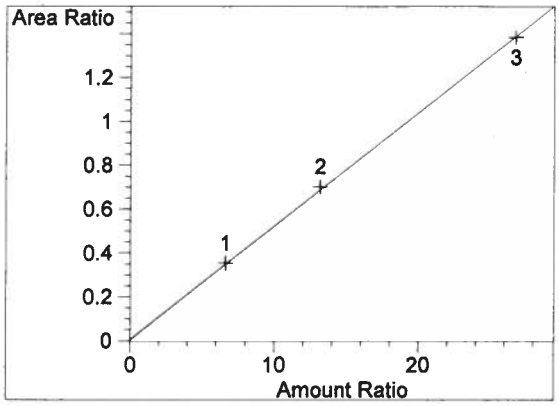
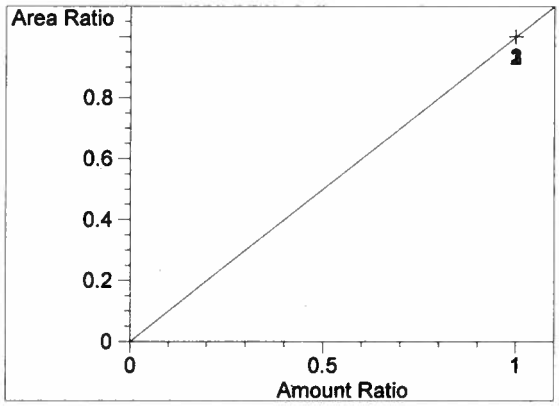
Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99990
Residual Std. Dev.: 0.01038
Formula: y = mx + b
m: 5.16396e-2
b: 7.28729e-3
x: Amount Ratio
y: Area Ratio



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

==========

14009

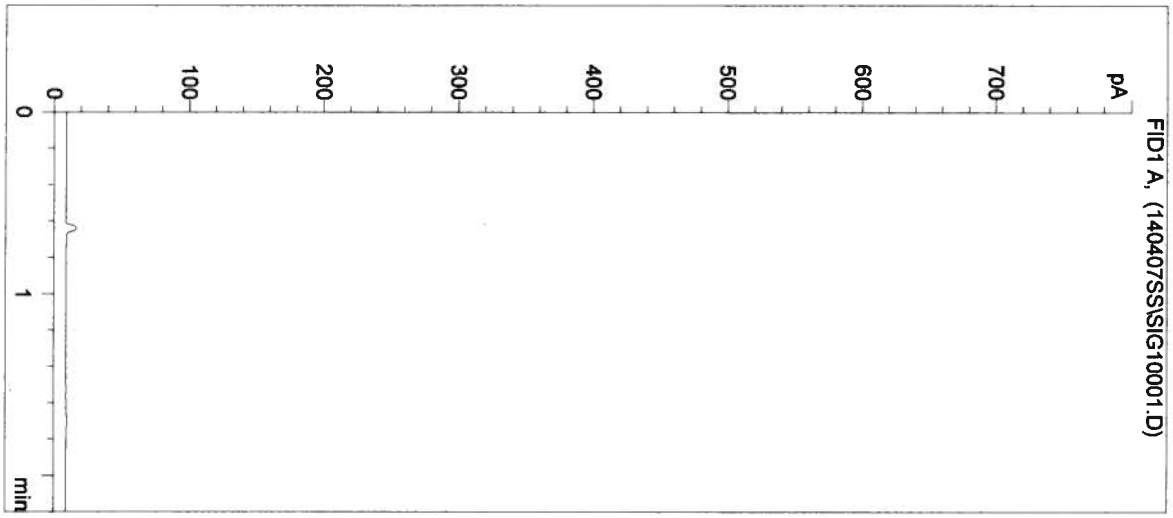
SMS

SMS

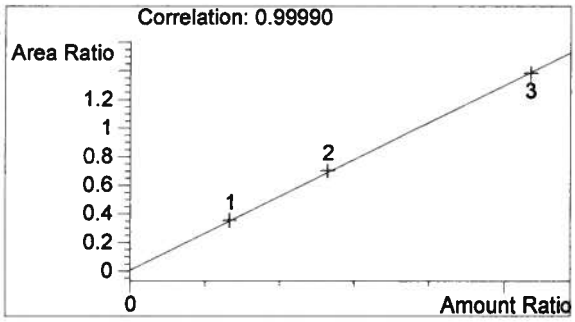
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/7/2014 12:48:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

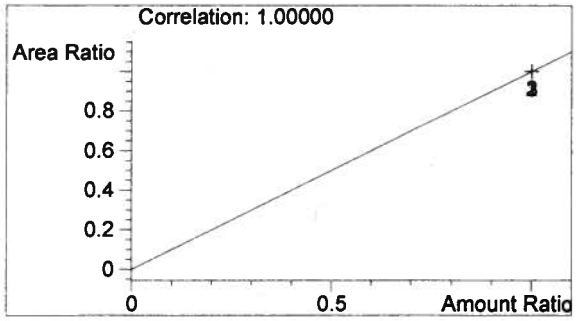
Sample Name: BLANK
Operator: Sarah Swenson
Location: Vial 1



#	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

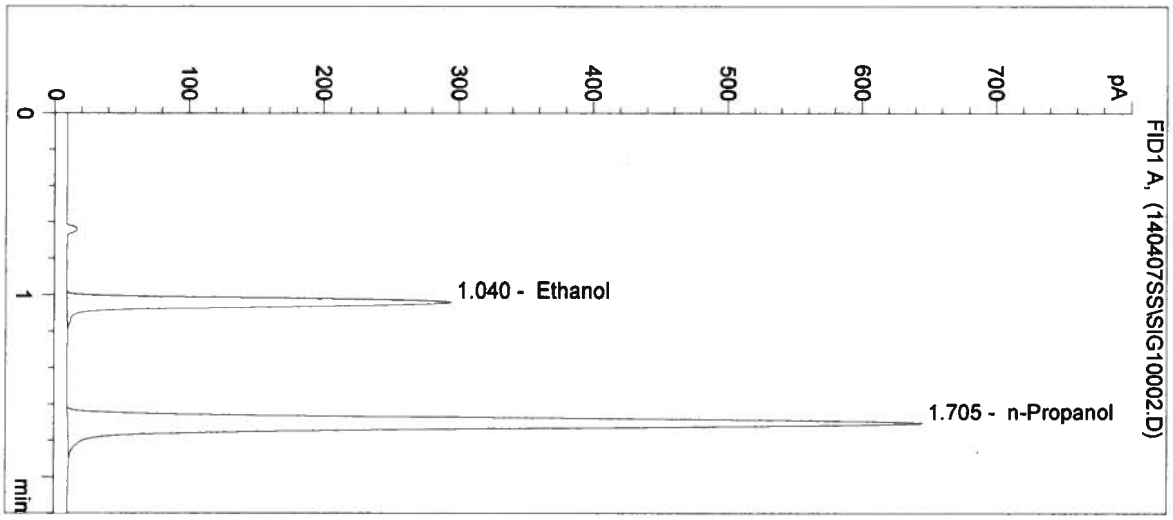
14009

SMS

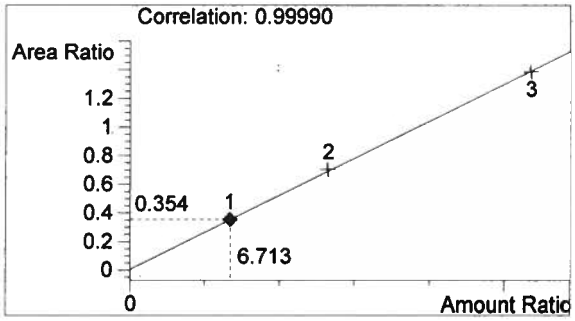
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/7/2014 12:51:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

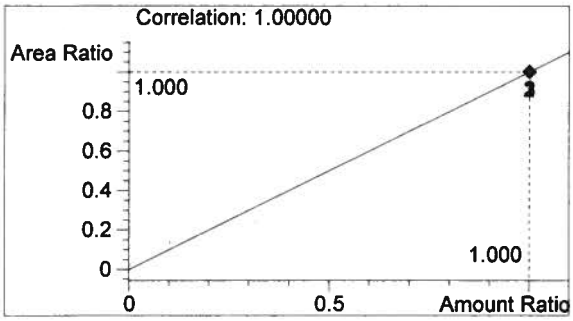
Sample Name: 0.079 CAL 1
Operator: Sarah Swenson
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	889	1.040
2	n-Propanol	2510	1.705



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

14009

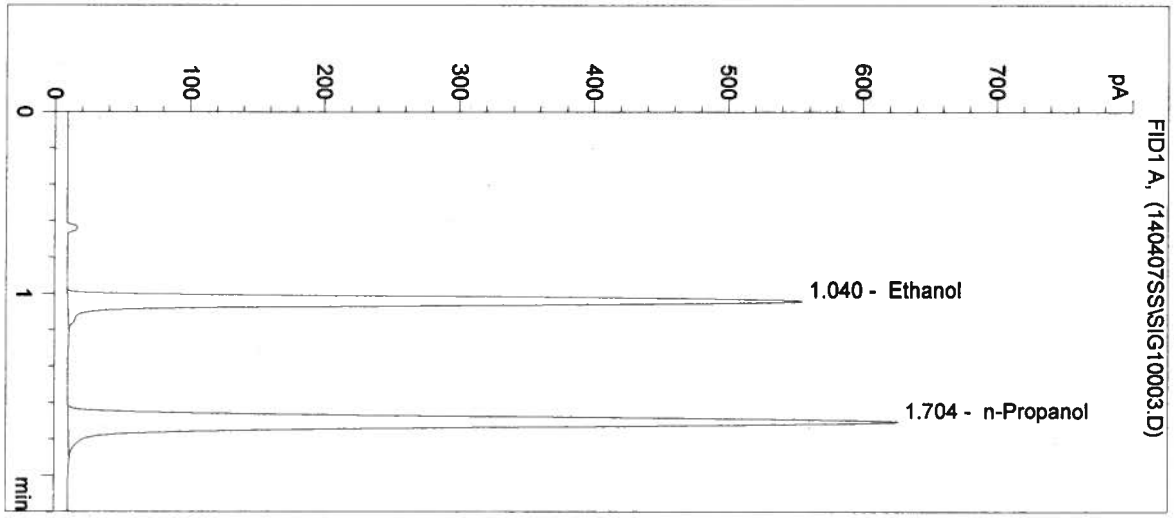
SHS

Data File: C:\HPCHEM\1\DATA\140407SS\SIG10002.D

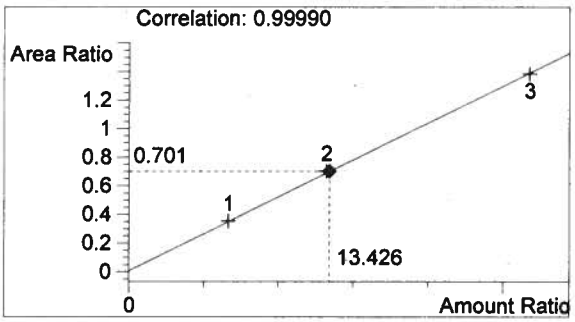
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/7/2014 12:54:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

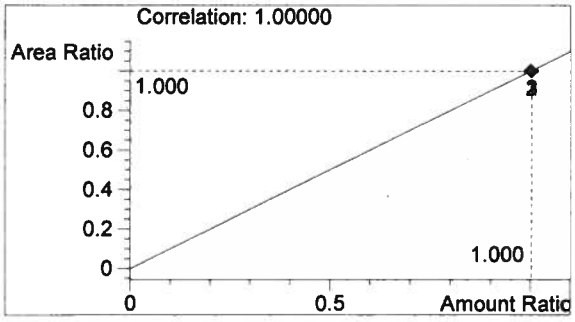
Sample Name: 0.158 CAL 2
Operator: Sarah Swenson
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1708	1.040
2	n-Propanol	2438	1.704



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

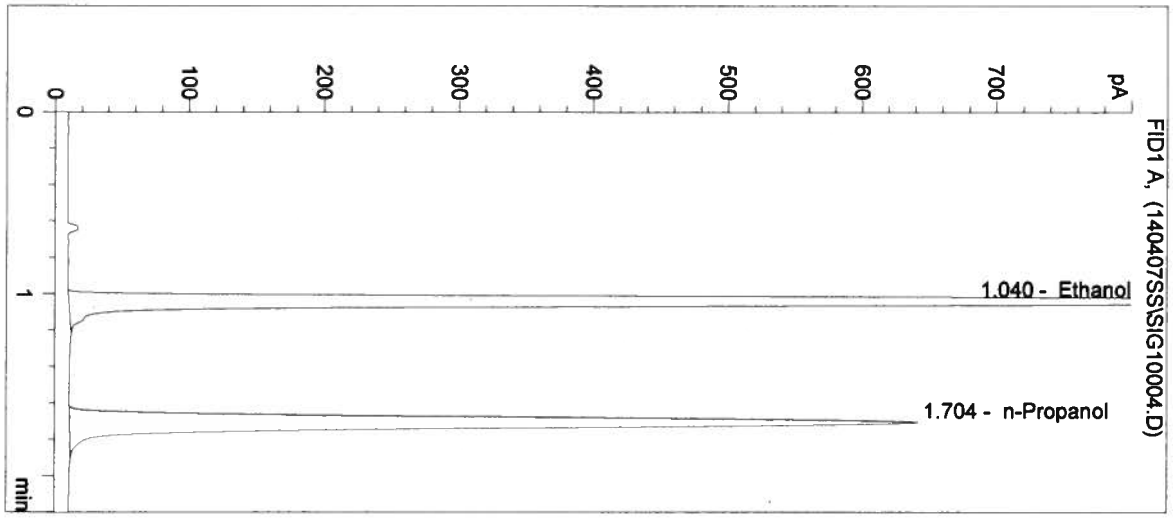
14009

SMS

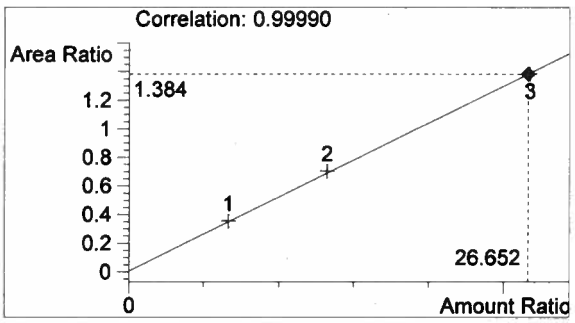
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/7/2014 12:57:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

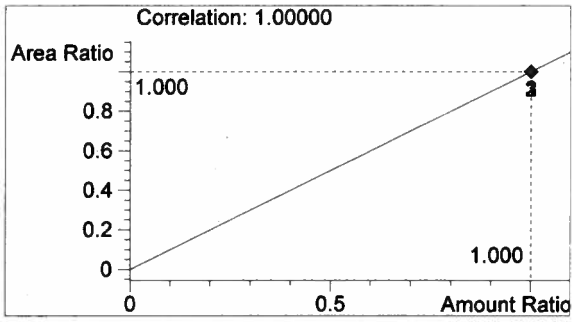
Sample Name: 0.316 CAL 3
Operator: Sarah Swenson
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3470	1.040
2	n-Propanol	2508	1.704



Ethanol 0.320 g/100mL



n-Propanol 0.012 g/100mL

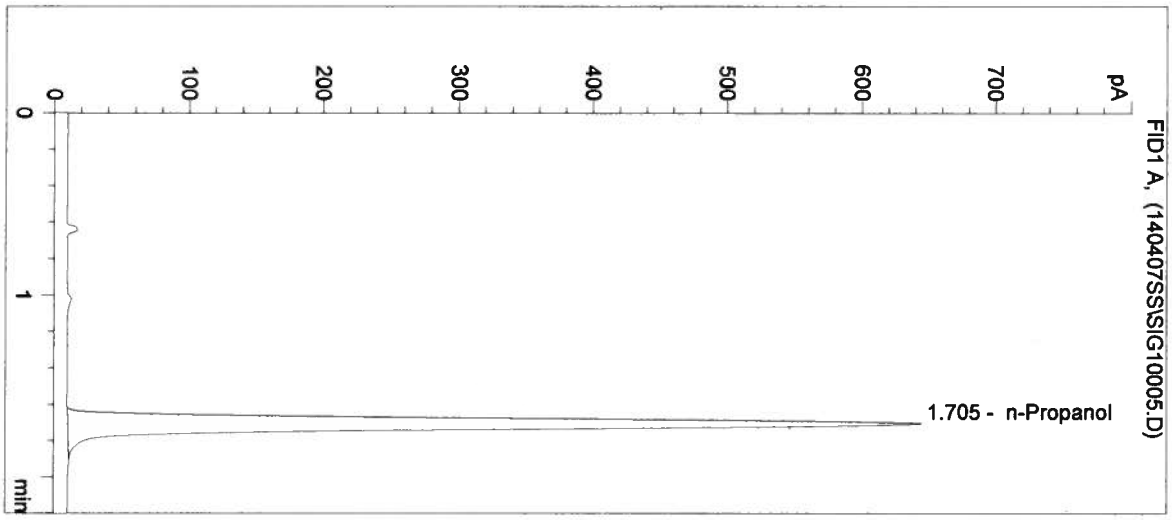
14009

SMS

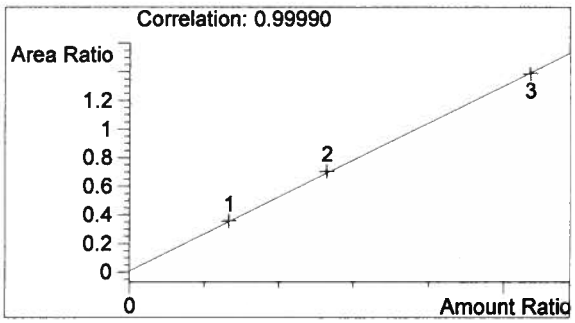
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/7/2014 1:00:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

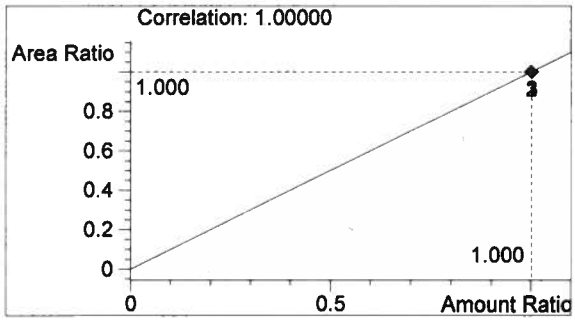
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2497	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14009

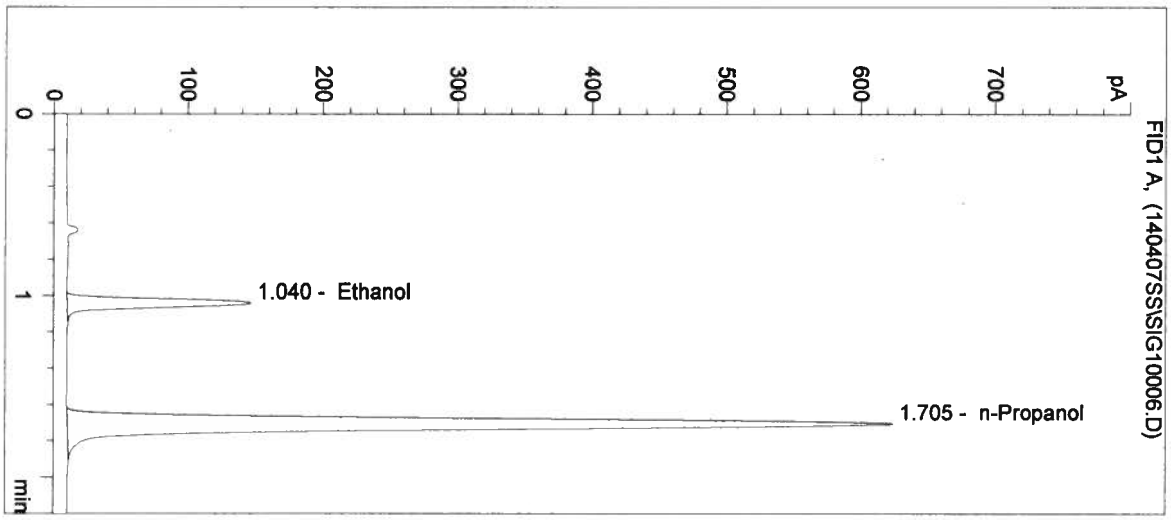
SMS

Data File: C:\HPCHEM\1\DATA\140407SS\SIG10005.D

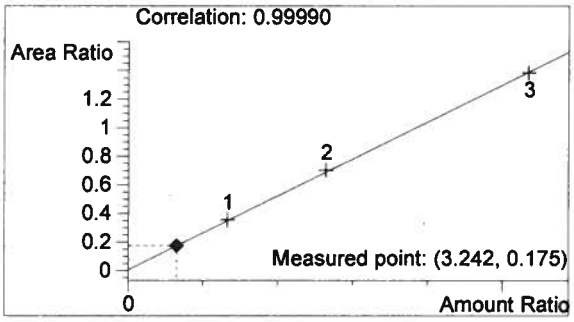
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/7/2014 1:03:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

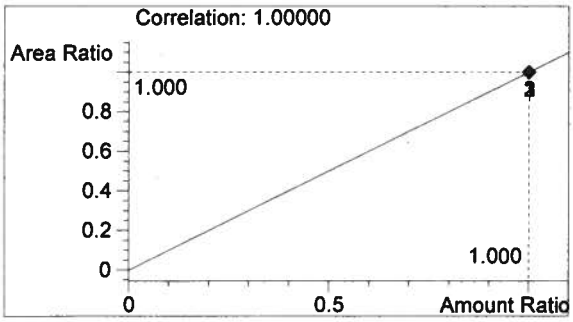
Sample Name: 0.04 CTRL
Operator: Sarah Swenson
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	424	1.040
2	n-Propanol	2427	1.705



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

14009

SMS

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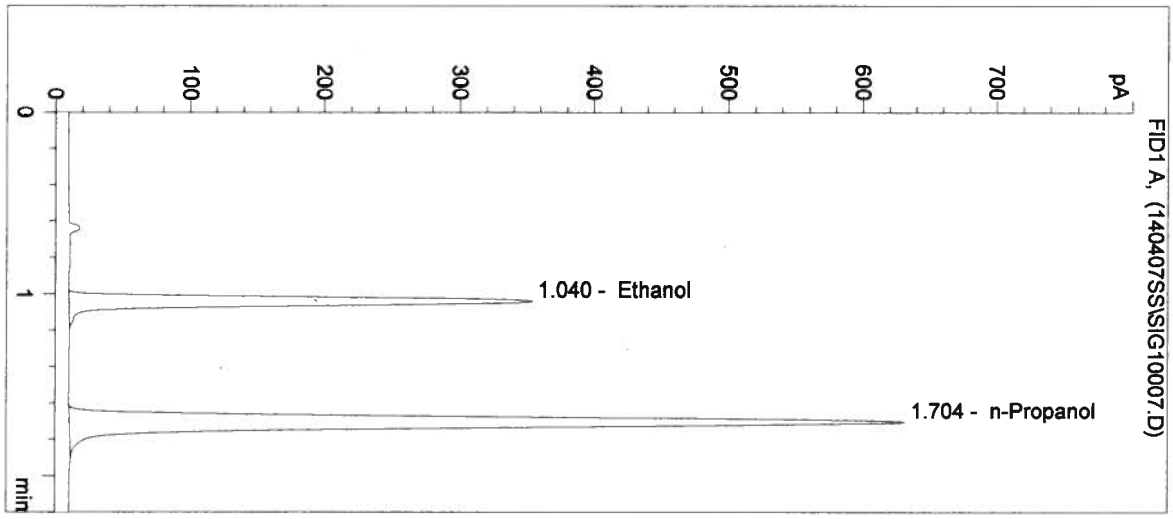
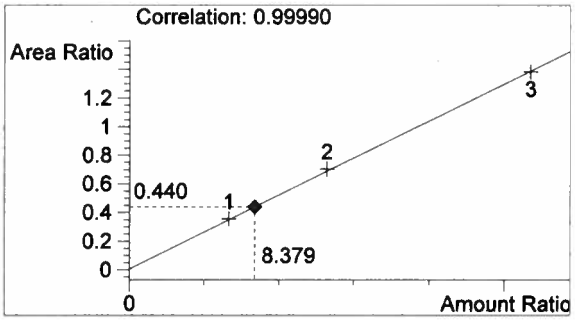
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/7/2014 1:06:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

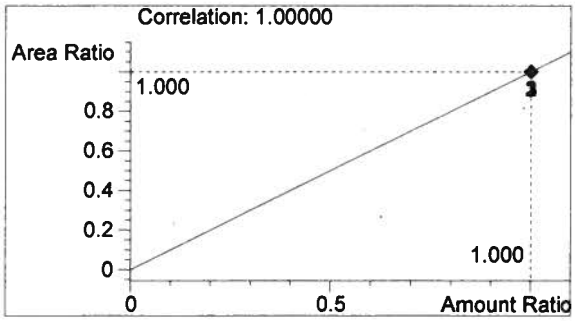
Sample Name: 0.10 CTRL
Operator: Sarah Swenson
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1083	1.040
2	n-Propanol	2461	1.704



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

14009

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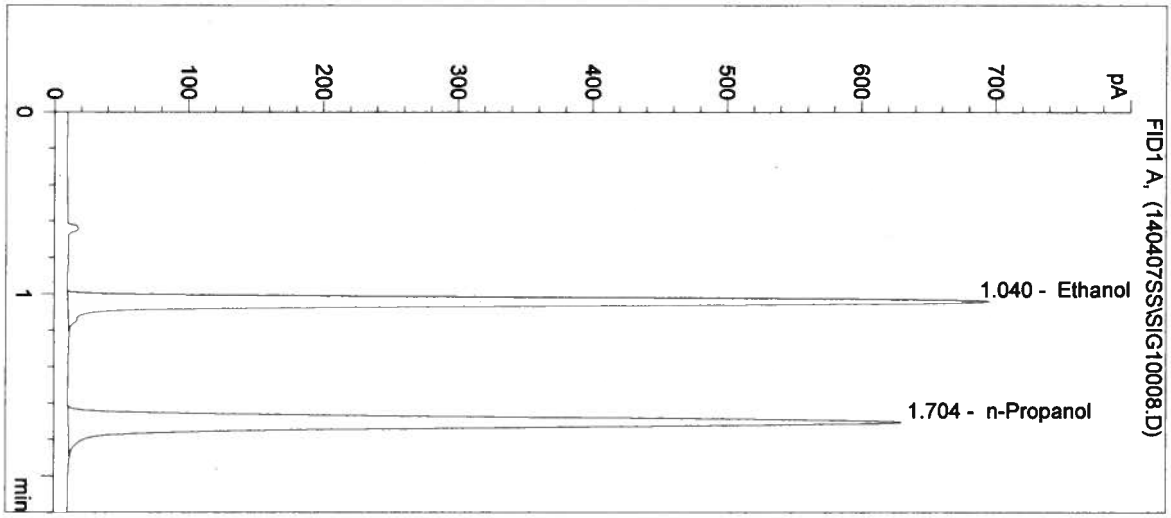
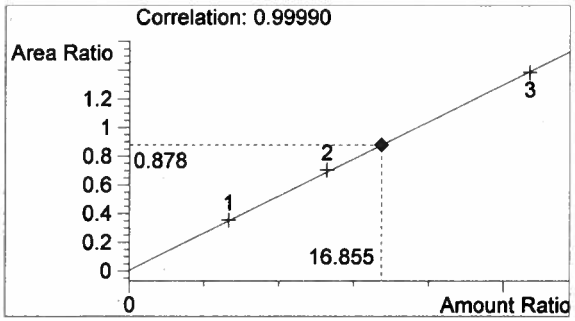
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/7/2014 1:09:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

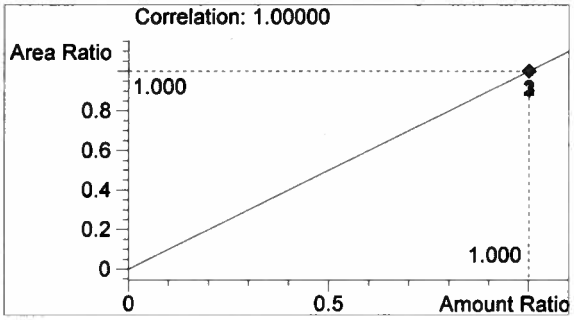
Sample Name: 0.20 CTRL
Operator: Sarah Swenson
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2149	1.040
2	n-Propanol	2449	1.704



Ethanol 0.202 g/100mL



n-Propanol 0.012 g/100mL

14009

SS

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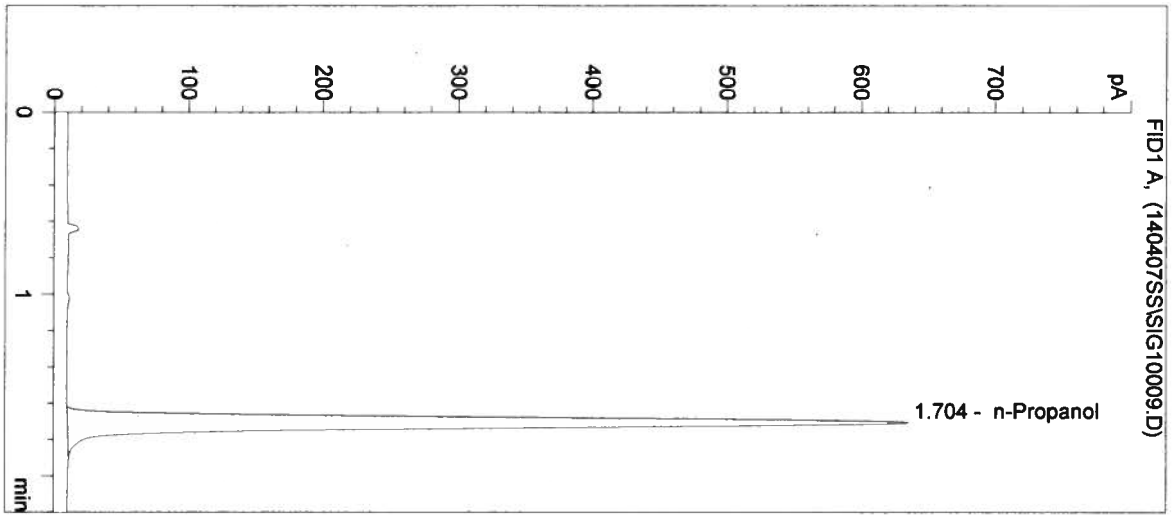
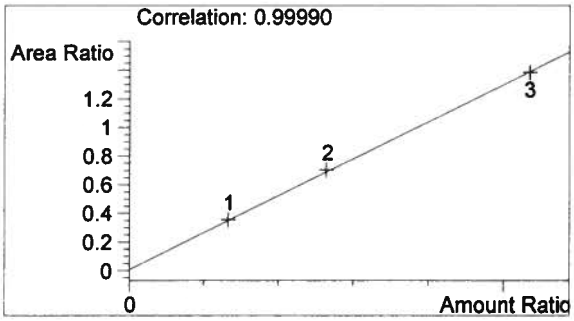
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/7/2014 1:13:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

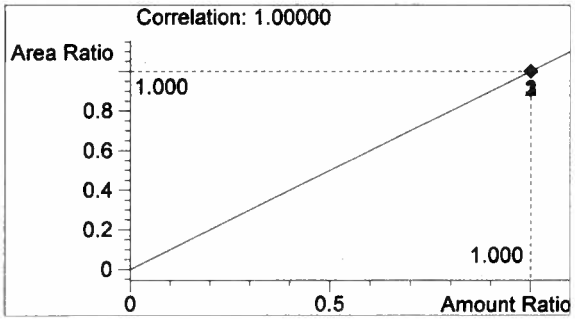
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2467	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14009

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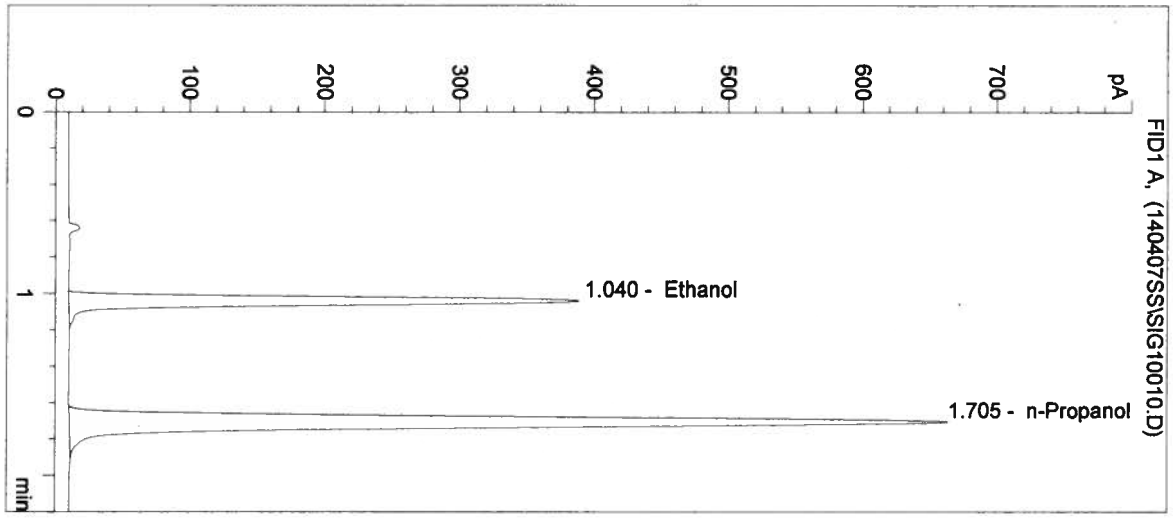
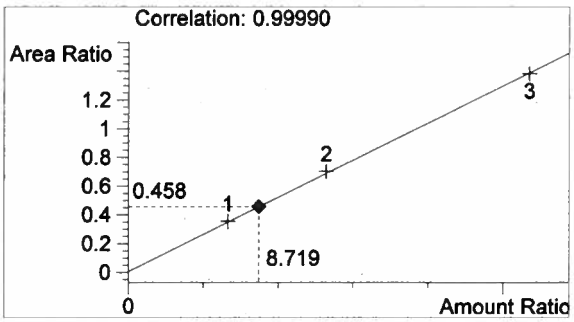
Inj. Date: 4/7/2014 1:16:06 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

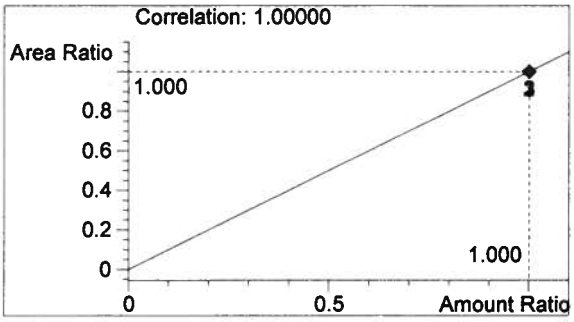
Sample Name: 14009 #1
Operator: Sarah Swenson
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1176	1.040
2	n-Propanol	2570	1.705



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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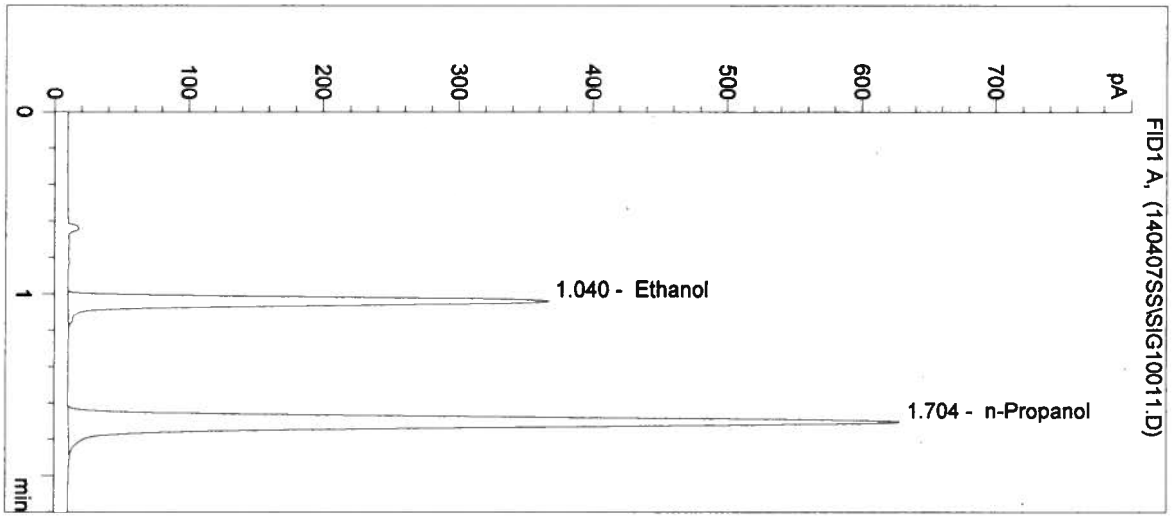
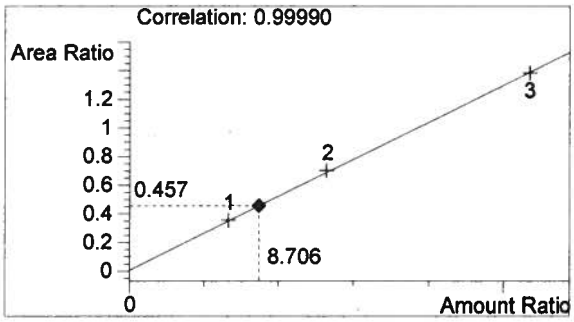
Inj. Date: 4/7/2014 1:19:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

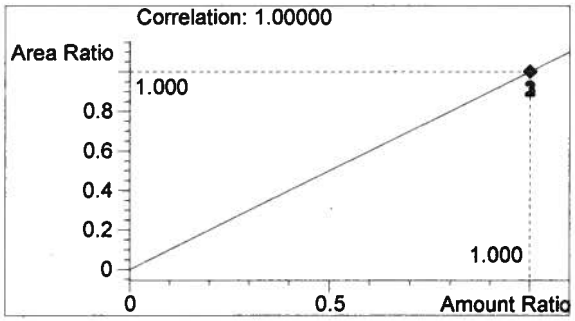
Sample Name: 14009 #2
Operator: Sarah Swenson
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.040
2	n-Propanol	2439	1.704



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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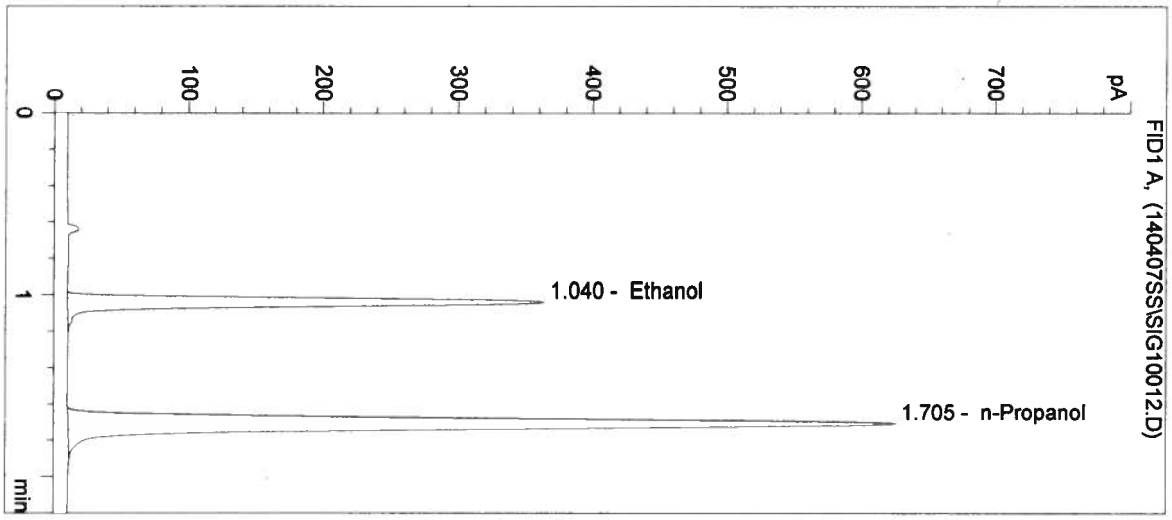
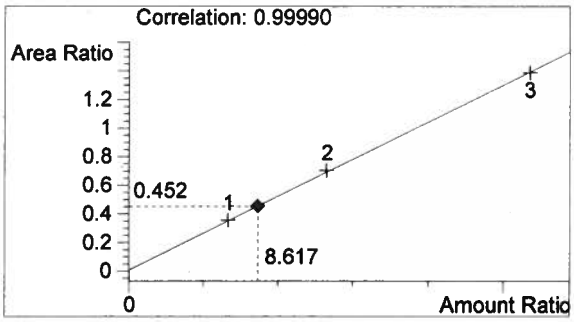
Inj. Date: 4/7/2014 1:22:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

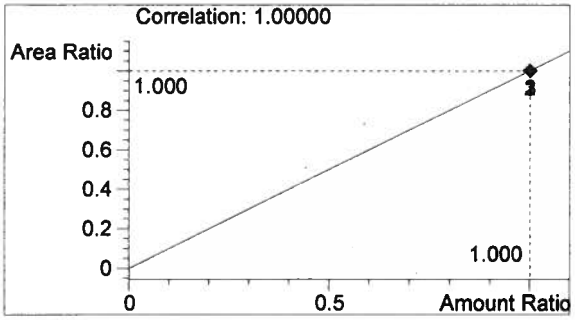
Sample Name: 14009 #3
Operator: Sarah Swenson
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1096	1.040
2	n-Propanol	2424	1.705



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

SLS

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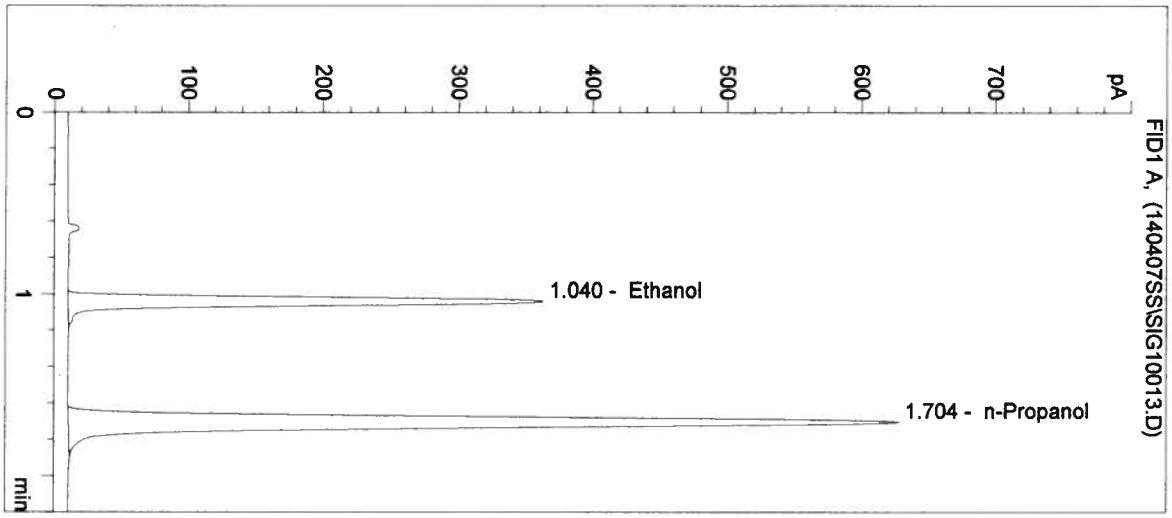
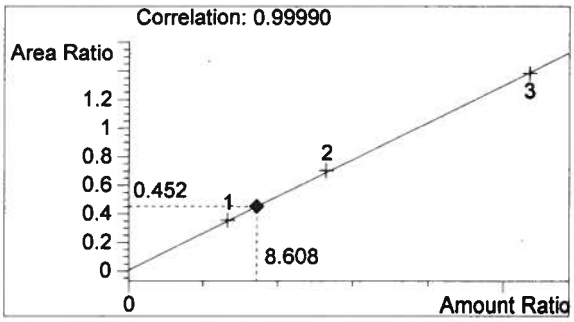
Inj. Date: 4/7/2014 1:25:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

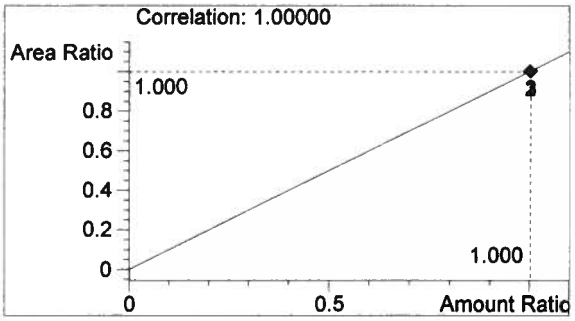
Sample Name: 14009 #4
Operator: Sarah Swenson
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1104	1.040
2	n-Propanol	2442	1.704



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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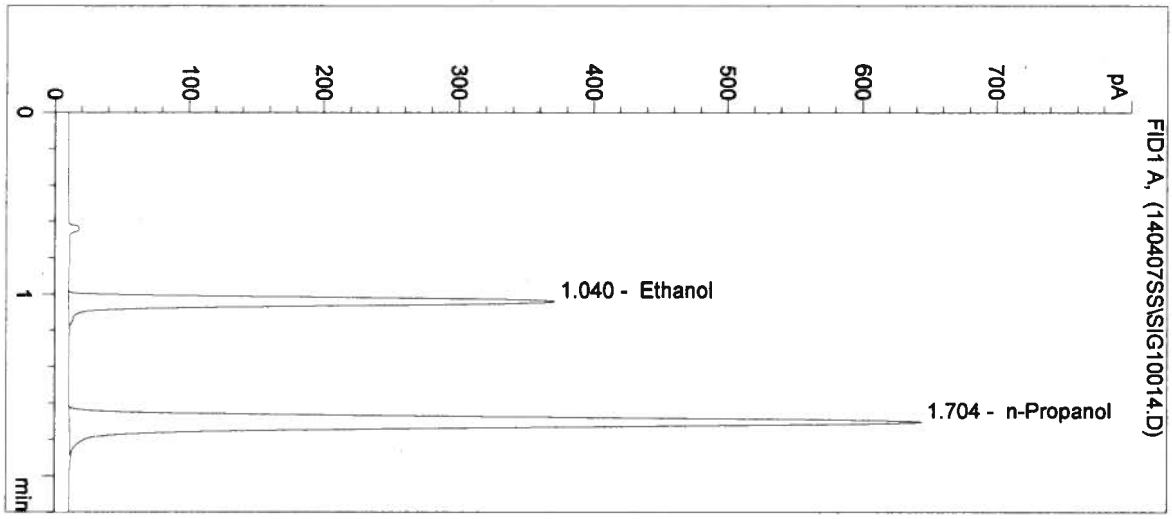
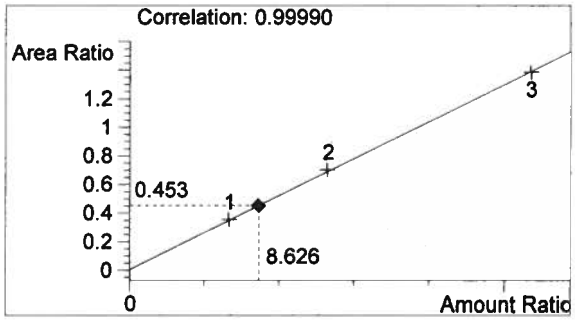
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/7/2014 1:28:25 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

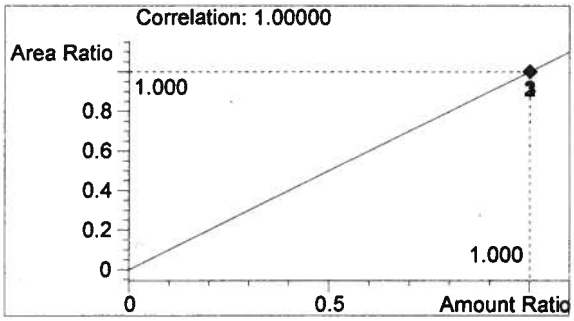
Sample Name: 14009 #5
Operator: Sarah Swenson
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1136	1.040
2	n-Propanol	2509	1.704



Ethanol 0.104 g/100mL



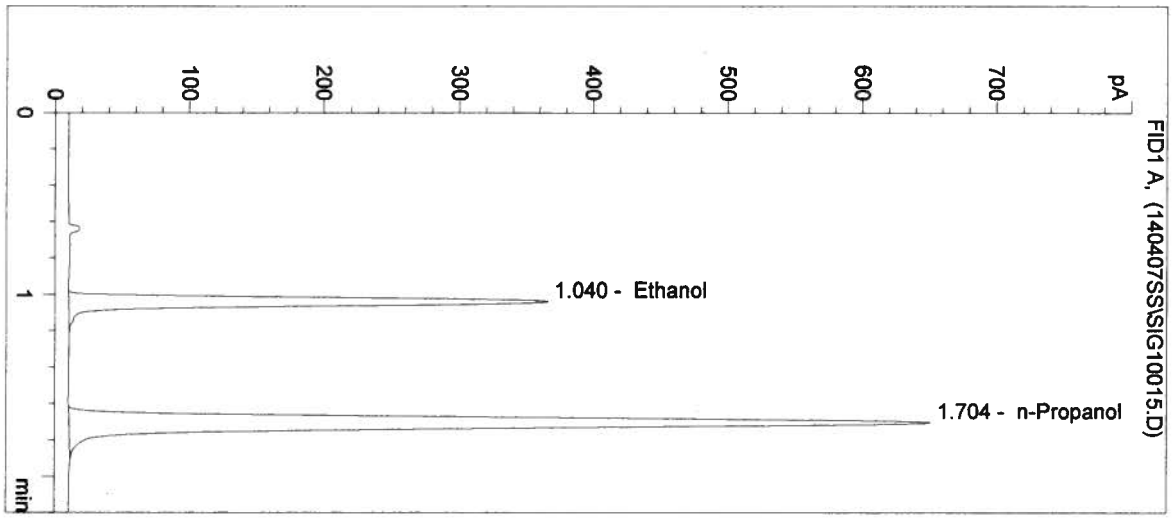
n-Propanol 0.012 g/100mL

SMS

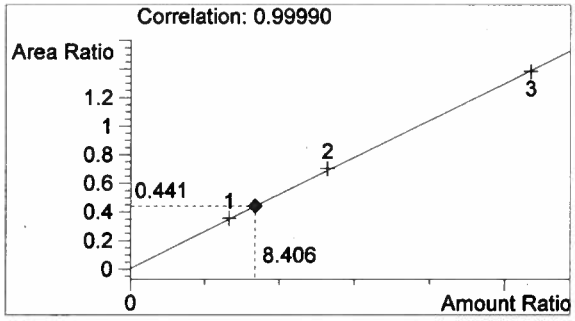
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/7/2014 1:31:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

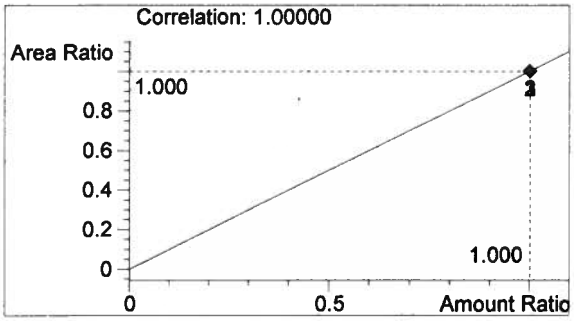
Sample Name: 0.10 CTRL
Operator: Sarah Swenson
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1123	1.040
2	n-Propanol	2543	1.704



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

14009

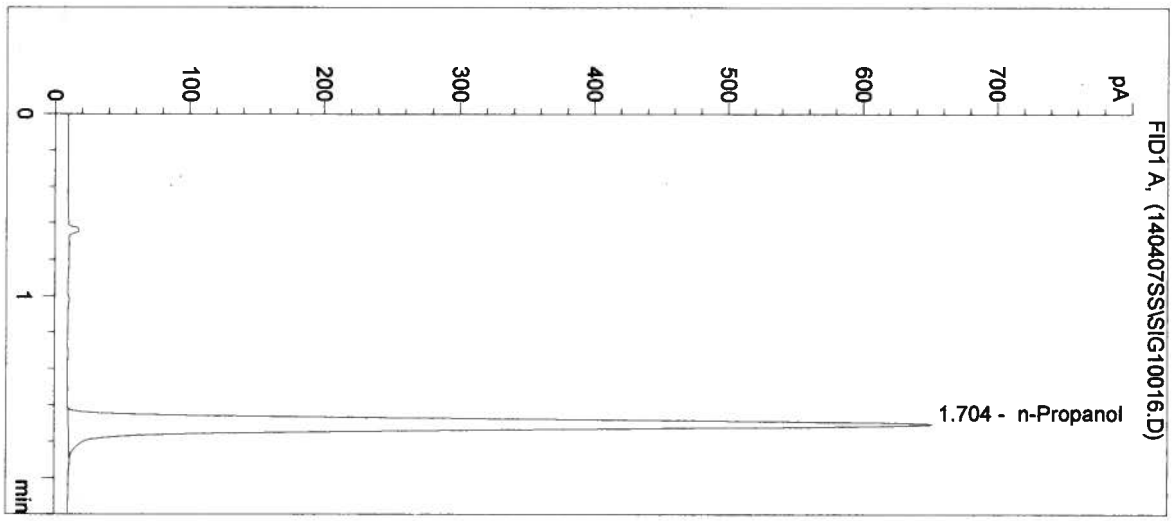
SMS

Data File: C:\HPCHEM\1\DATA\140407SS\SIG10015.D

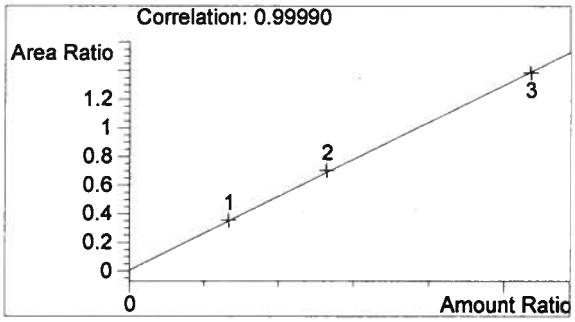
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/7/2014 1:34:34 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

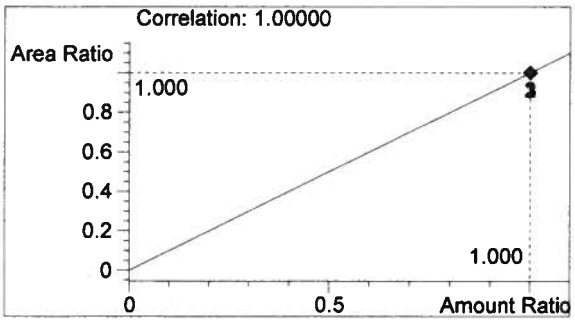


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2530	1.704



Ethanol 0.000 g/100mL

14009



n-Propanol 0.012 g/100mL

SLS

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

Sequence Parameters:

Operator:	Dawn Sklerov
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:	140407DS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot# FN120110-04 - exp 12/2015
0.10 Control - Lot# A095230 - exp 09/2017
0.20 Control - Lot# FN100511-01 - exp 10/2016
n-Propanol ISTD - Lot# P0314 - exp 6/24/14
0.079 Cal 1 - Lot# E1213-01 - exp 6/3/2014
0.158 Cal 2 - Lot# E1213-02 - exp 6/3/2014
0.316 Cal 3 - Lot# E1213-03 - exp 6/3/2014

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	14009 #1	SIMALC1	1	Sample		
11	Vial 11	14009 #2	SIMALC1	1	Sample		
12	Vial 12	14009 #3	SIMALC1	1	Sample		
13	Vial 13	14009 #4	SIMALC1	1	Sample		
14	Vial 14	14009 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		

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	

DS

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

Sequence Table (Back Injector):

No entries - empty table!

14009

DS

Calibration Table

Calib. Data Modified : Monday, April 07, 2014 2:16:48 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	8.00300e-2	885.92157	9.03353e-5	1		Ethanol
		2	1.58560e-1	1694.27173	9.35859e-5			
		3	3.21220e-1	3536.05884	9.08412e-5			
1.704	1	1	1.20000e-2	2492.80835	4.81385e-6	I1		n-Propanol
		2	1.20000e-2	2460.61548	4.87683e-6			
		3	1.20000e-2	2511.46533	4.77809e-6			

14009

Peak Sum Table

No Entries in table

DS

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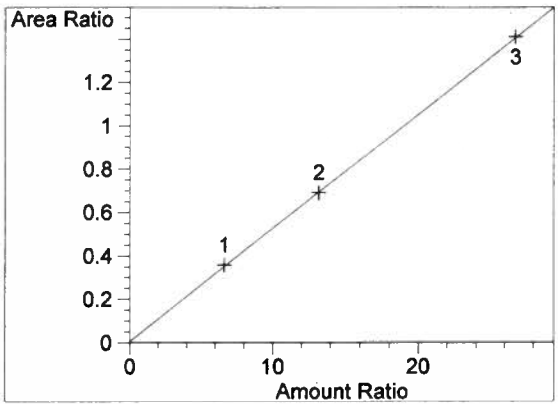
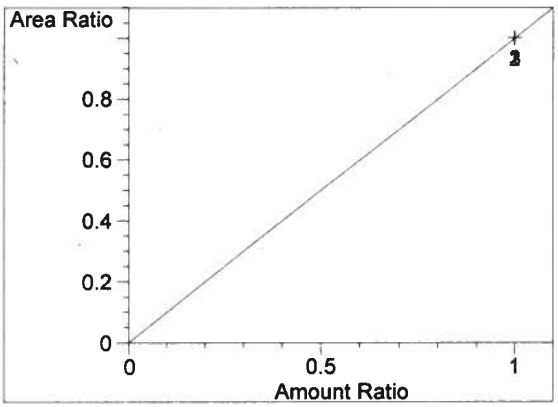
Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00543
Formula: y = mx + b
m: 5.25140e-2
b: 5.23228e-4
x: Amount Ratio
y: Area Ratio



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

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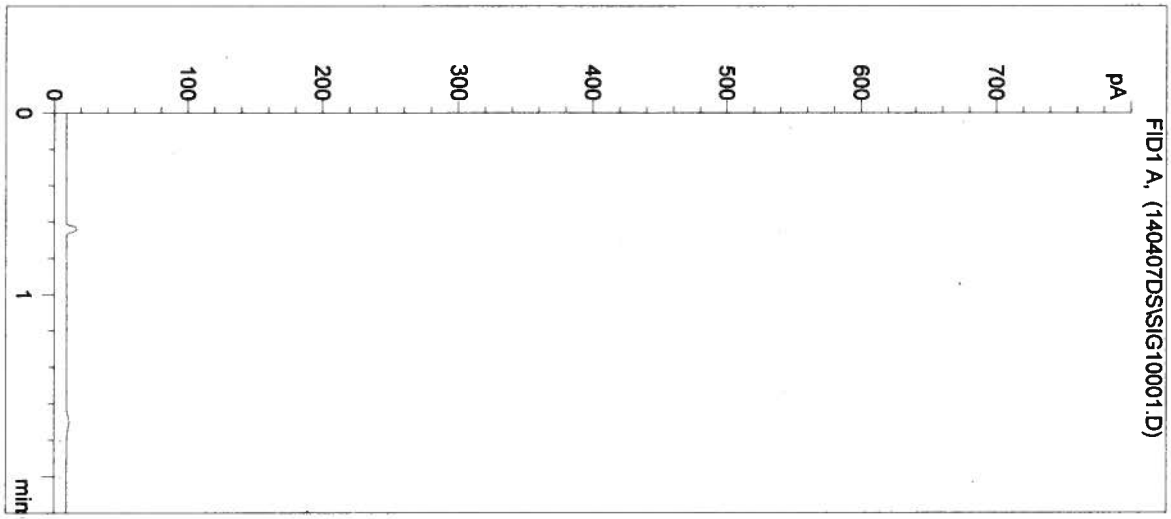
14009

DS

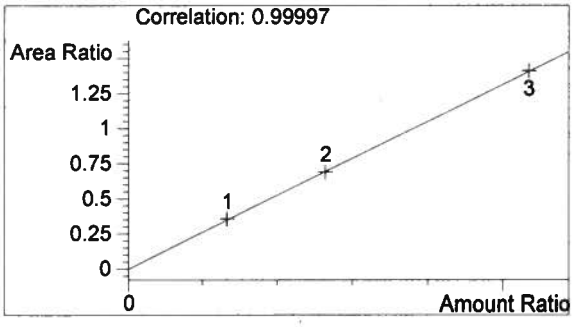
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/7/2014 2:05:21 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: BLANK
Operator: Dawn Sklerov
Location: Vial 1

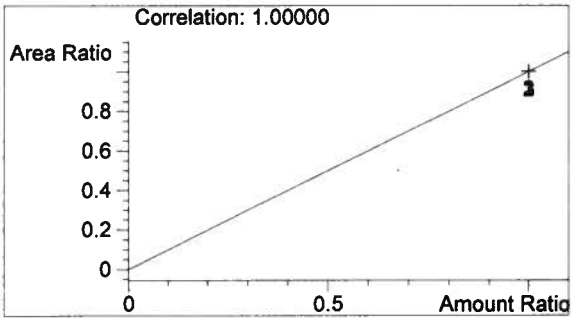


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14009



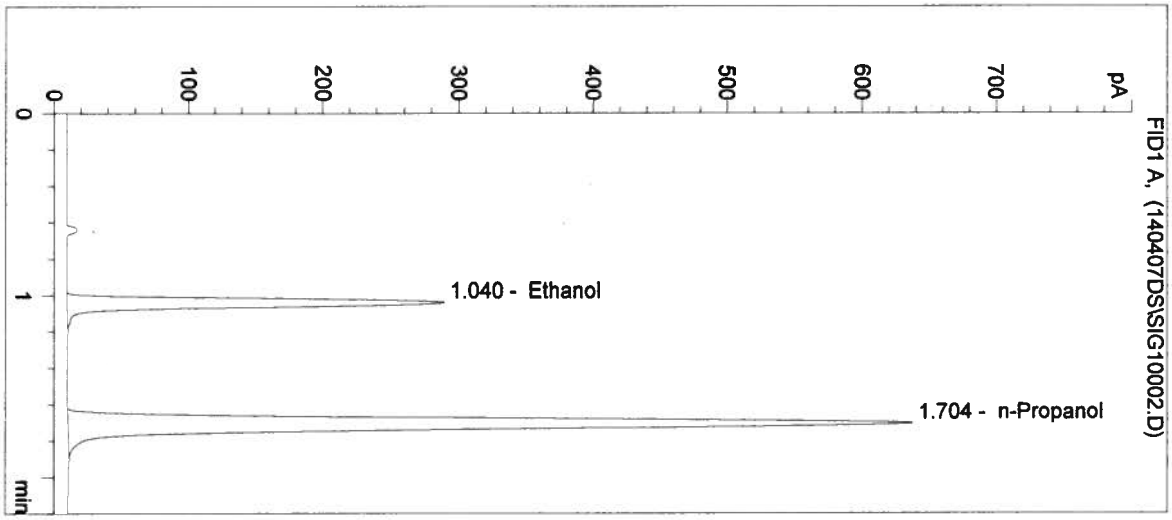
n-Propanol 0.000 g/100mL

DS

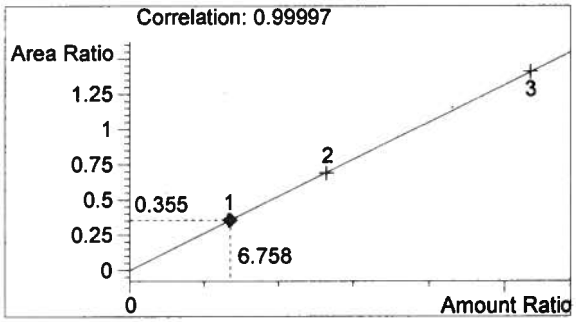
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/7/2014 2:08:26 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.079 CAL 1
Operator: Dawn Sklerov
Location: Vial 2

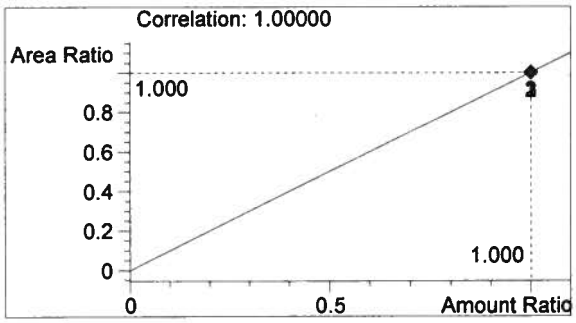


#	Compound	Peak Area	RT (min)
1	Ethanol	886	1.040
2	n-Propanol	2493	1.704



Ethanol 0.081 g/100mL

14009



n-Propanol 0.012 g/100mL

DS

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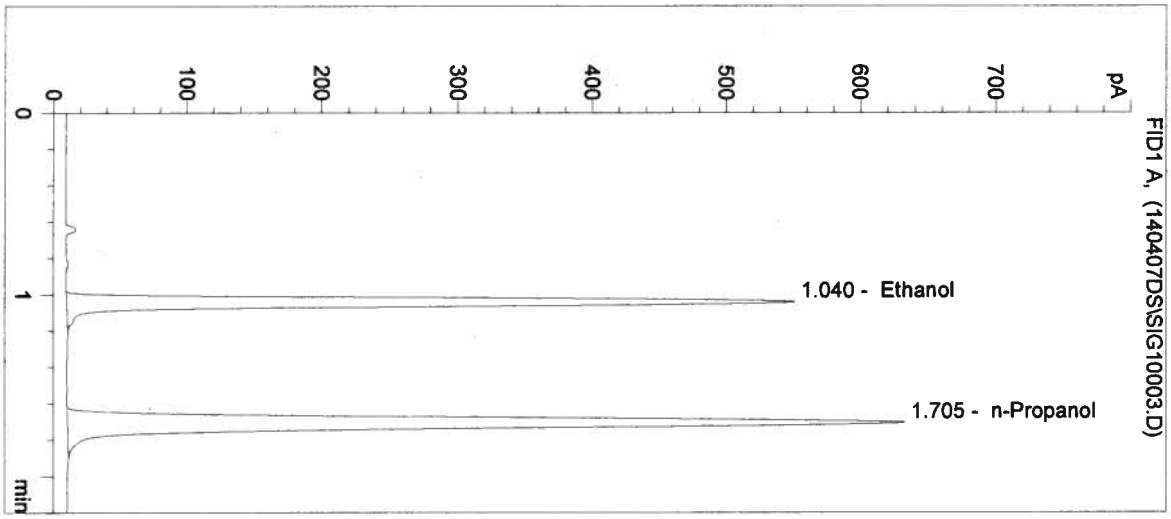
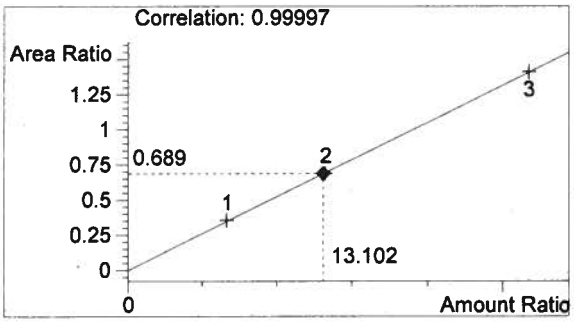
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/7/2014 2:11:31 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.158 CAL 2
Operator: Dawn Sklerov
Location: Vial 3

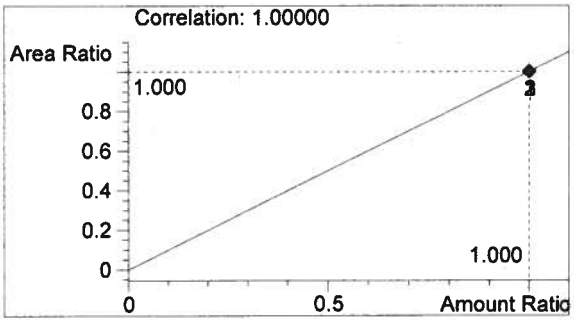


#	Compound	Peak Area	RT (min)
1	Ethanol	1694	1.040
2	n-Propanol	2461	1.705



Ethanol 0.157 g/100mL

14009



n-Propanol 0.012 g/100mL

DS

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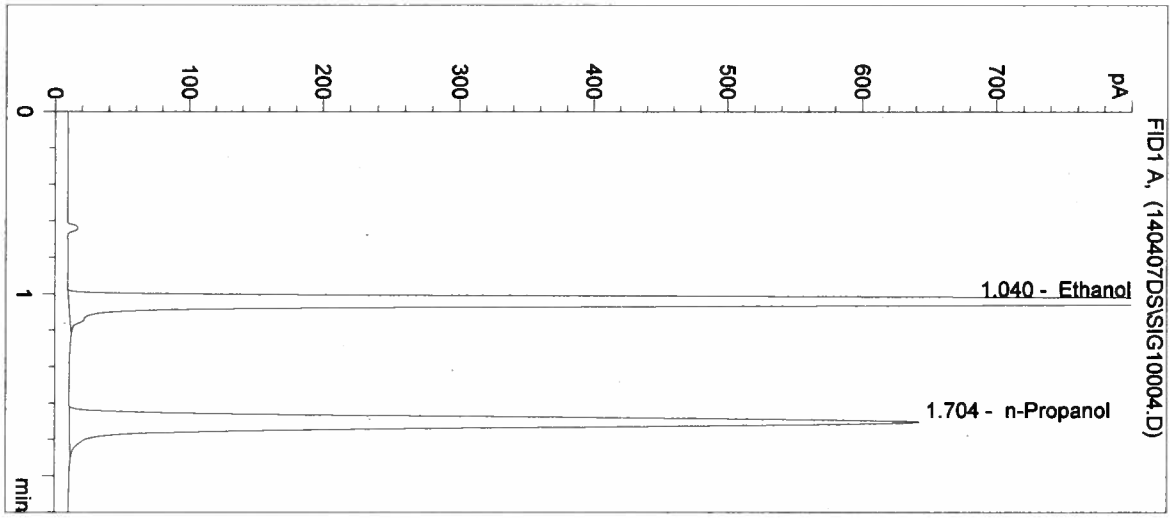
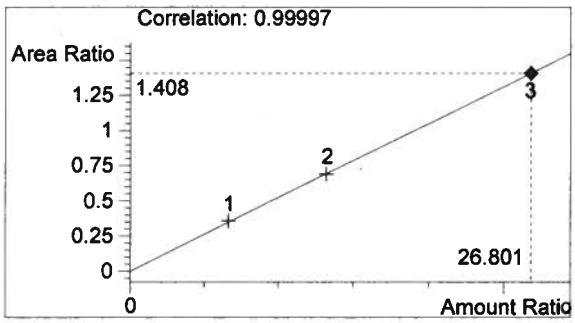
Inj. Date: 4/7/2014 2:14:35 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

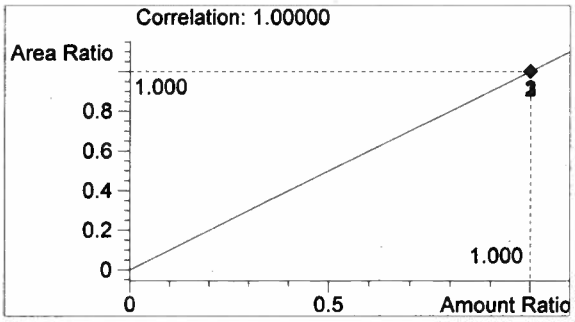
Sample Name: 0.316 CAL 3
Operator: Dawn Sklerov
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3536	1.040
2	n-Propanol	2511	1.704



Ethanol 0.322 g/100mL



n-Propanol 0.012 g/100mL

14009

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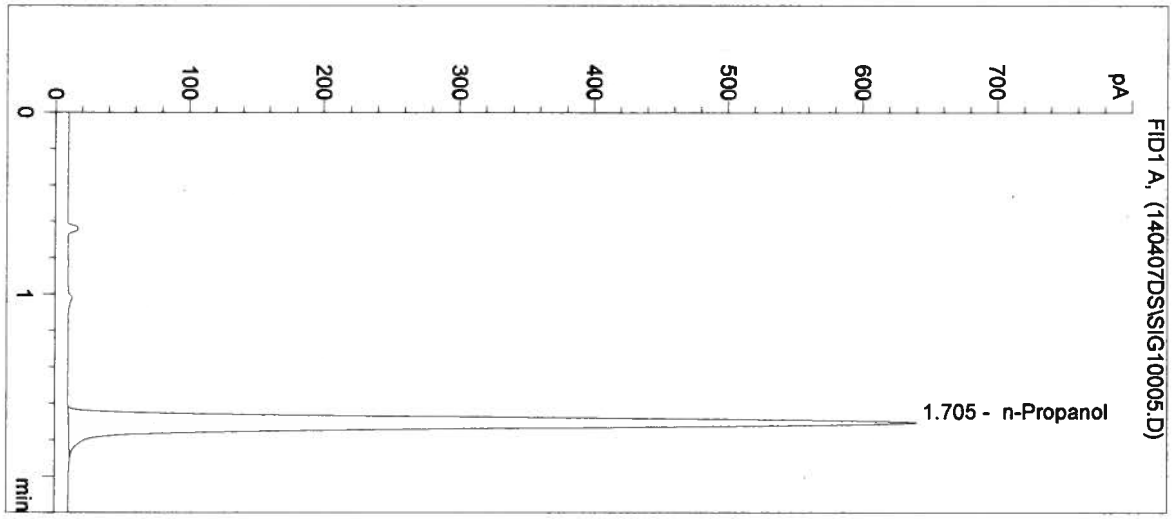
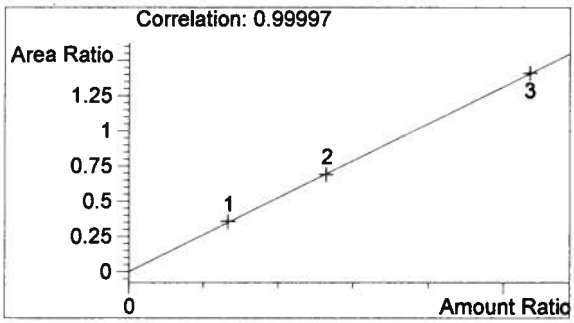
Inj. Date: 4/7/2014 2:17:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

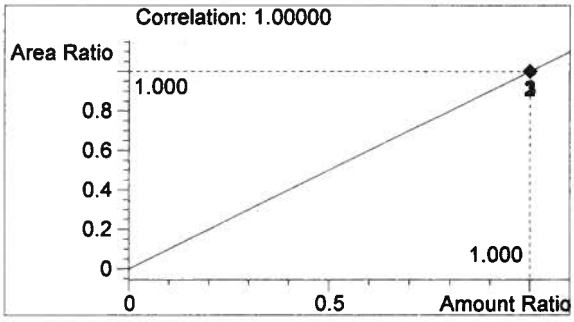
Sample Name: NEG CTRL
Operator: Dawn Sklerov
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2506	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14009

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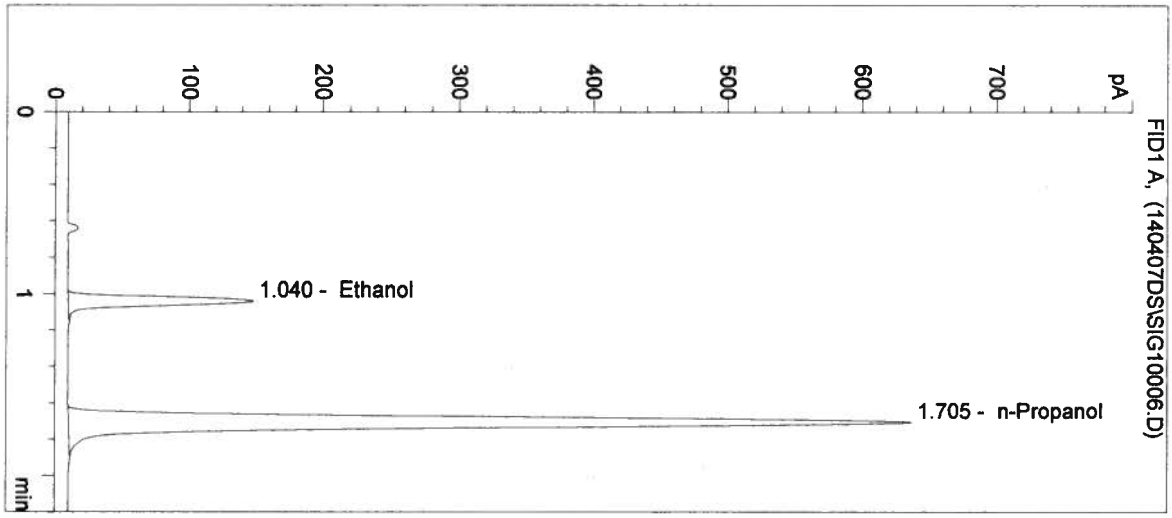
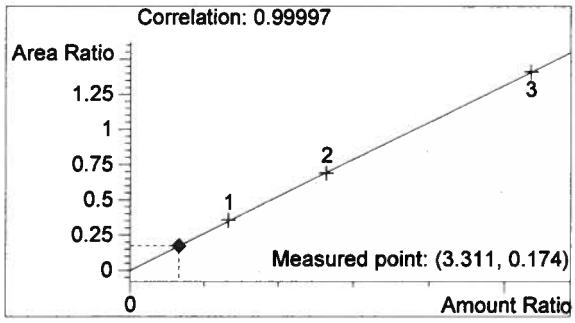
Inj. Date: 4/7/2014 2:20:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

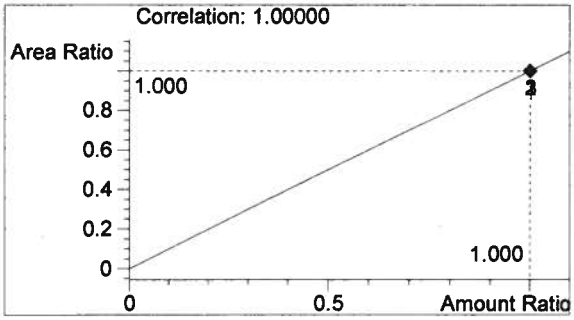
Sample Name: 0.04 CTRL
Operator: Dawn Sklerov
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	434	1.040
2	n-Propanol	2488	1.705



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

14009

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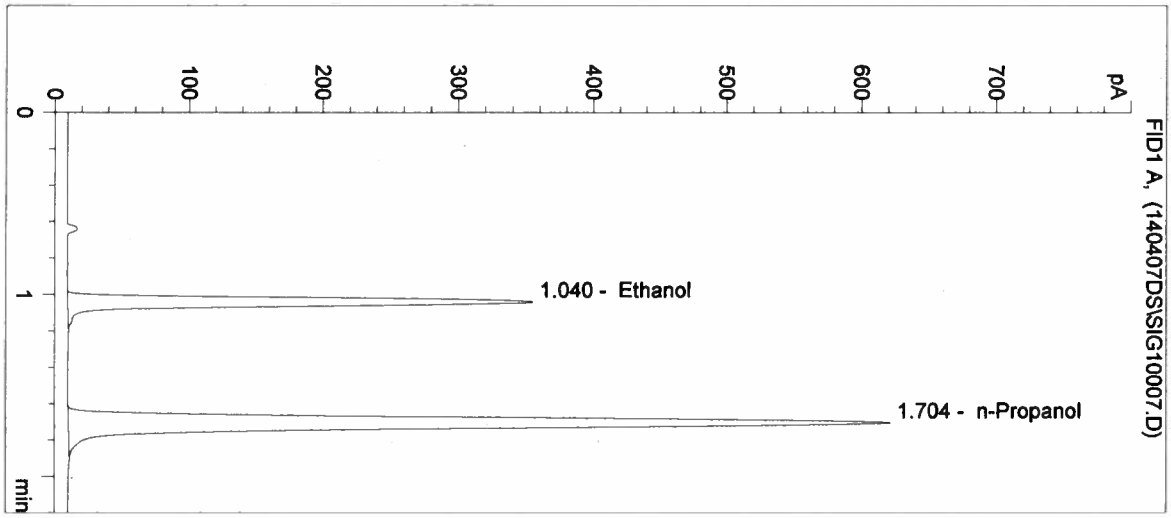
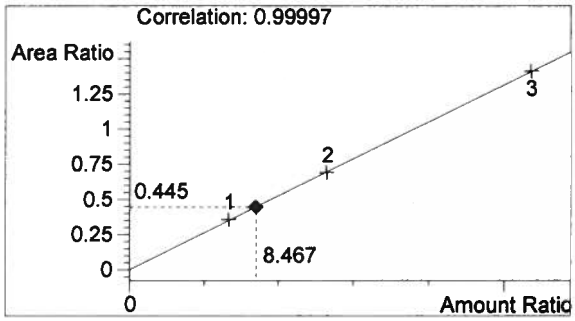
Inj. Date: 4/7/2014 2:23:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

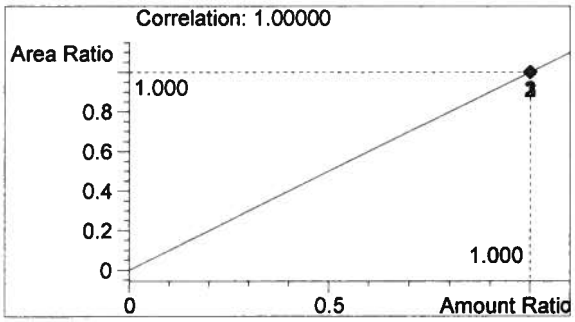
Sample Name: 0.10 CTRL
Operator: Dawn Sklerov
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1073	1.040
2	n-Propanol	2410	1.704



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

14009

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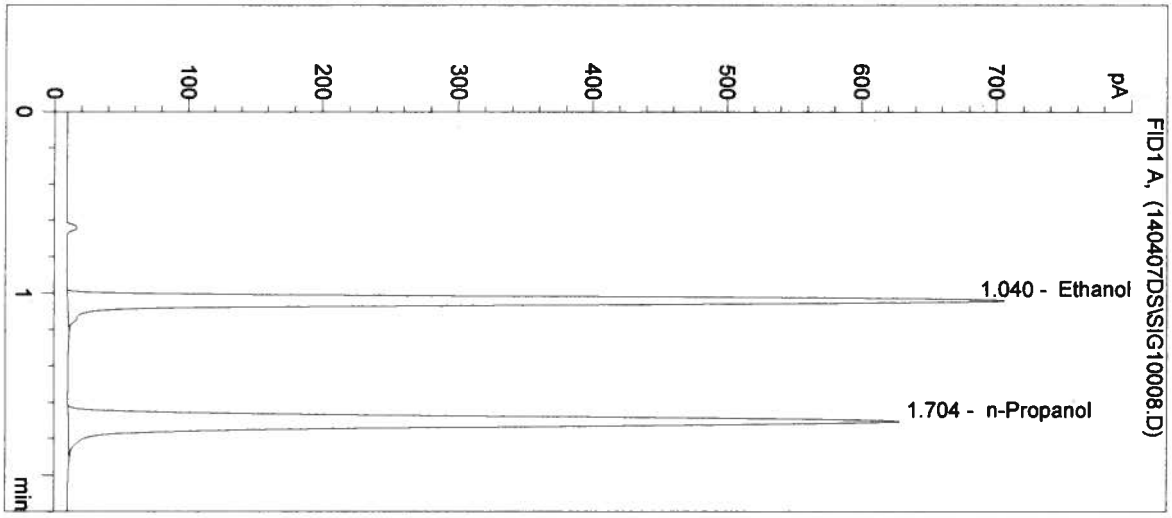
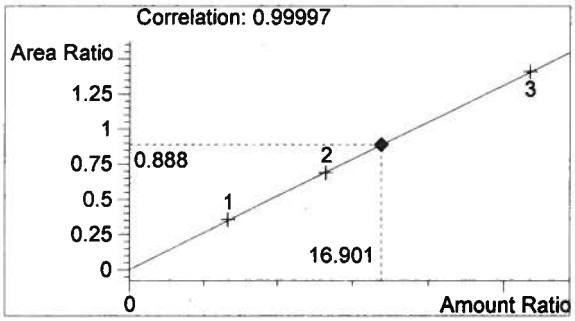
Inj. Date: 4/7/2014 2:26:54 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

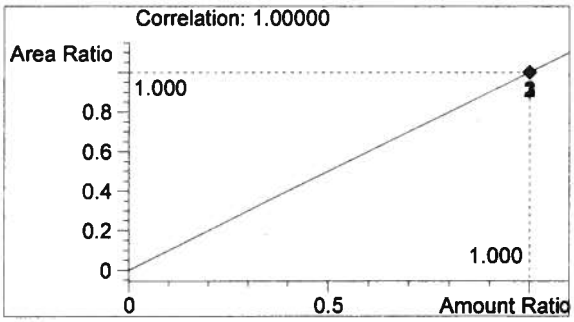
Sample Name: 0.20 CTRL
Operator: Dawn Sklerov
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2165	1.040
2	n-Propanol	2438	1.704



Ethanol 0.203 g/100mL



n-Propanol 0.012 g/100mL

14009

DS

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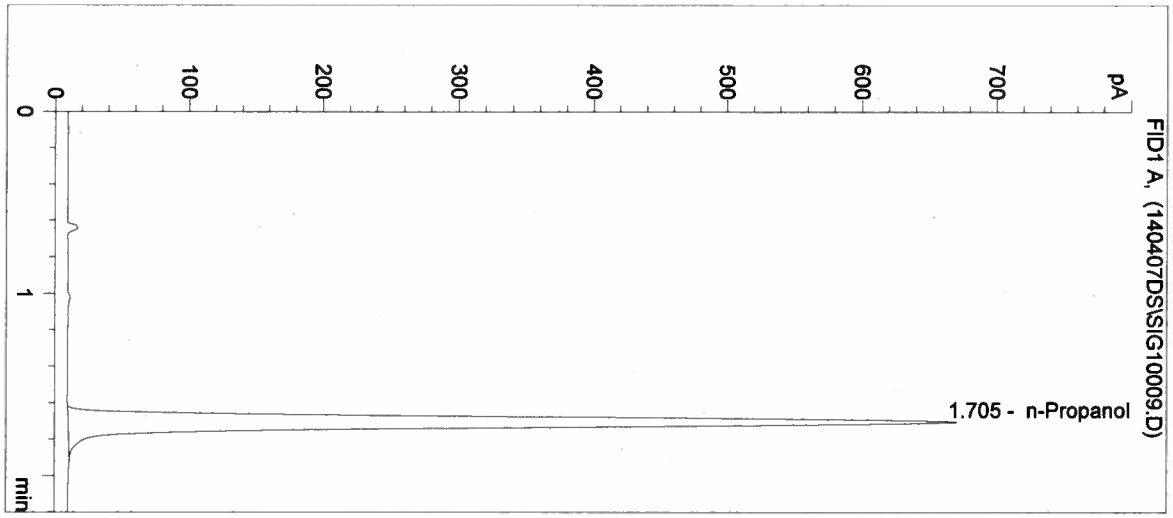
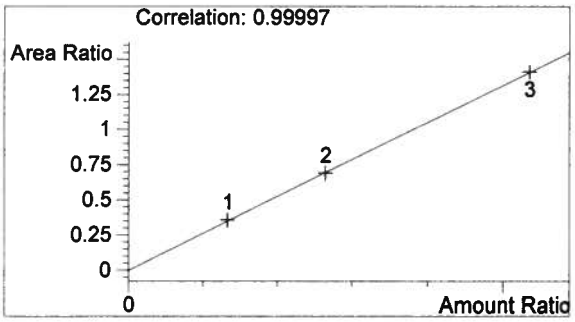
Inj. Date: 4/7/2014 2:29:59 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

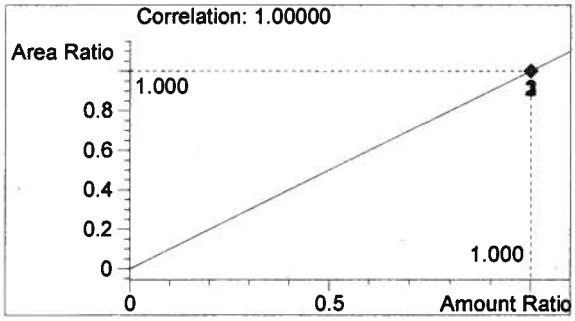
Sample Name: NEG CTRL
Operator: Dawn Sklerov
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2596	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14009

DS

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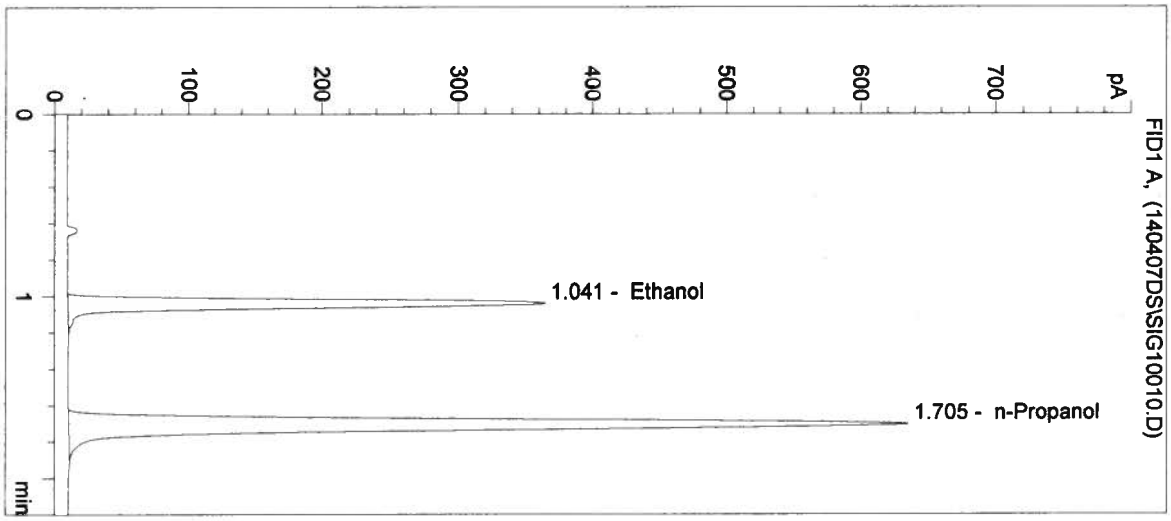
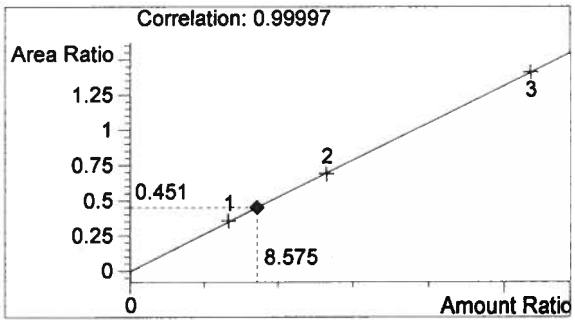
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/7/2014 2:33:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

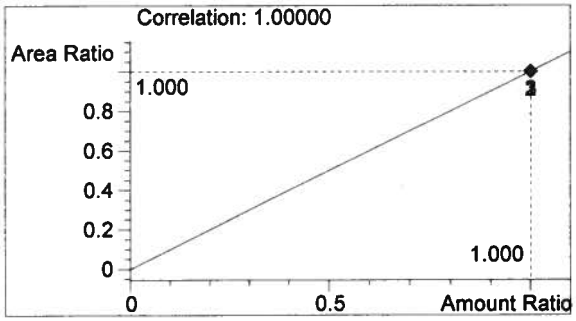
Sample Name: 14009 #1
Operator: Dawn Sklerov
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1120	1.041
2	n-Propanol	2485	1.705



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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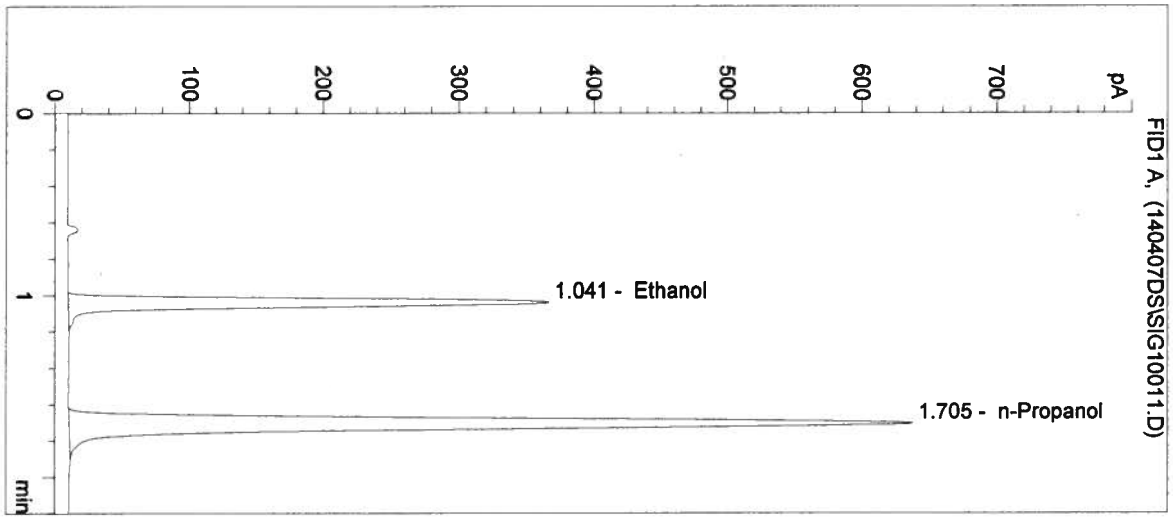
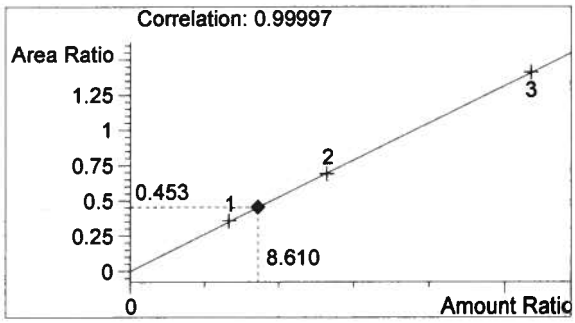
Inj. Date: 4/7/2014 2:36:08 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

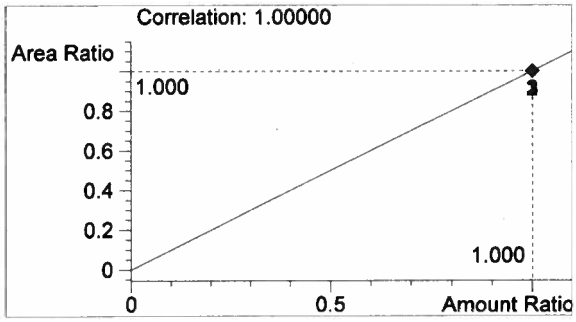
Sample Name: 14009 #2
Operator: Dawn Sklerov
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1127	1.041
2	n-Propanol	2490	1.705



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

DS

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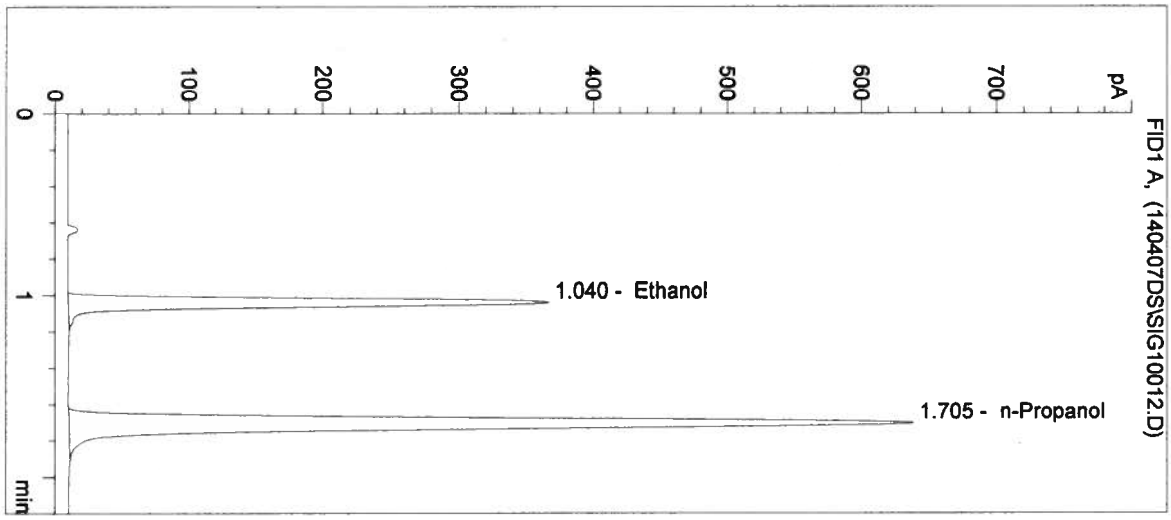
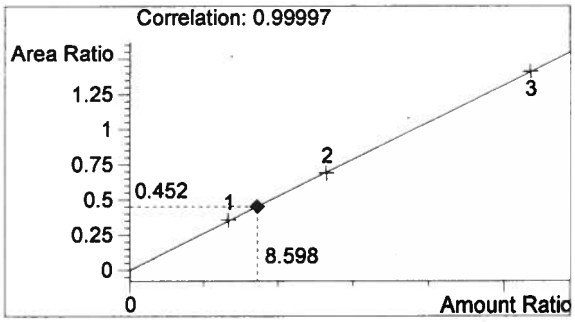
Inj. Date: 4/7/2014 2:39:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

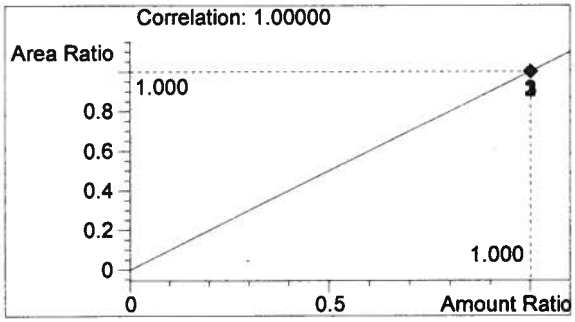
Sample Name: 14009 #3
Operator: Dawn Sklerov
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1129	1.040
2	n-Propanol	2498	1.705



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

DS

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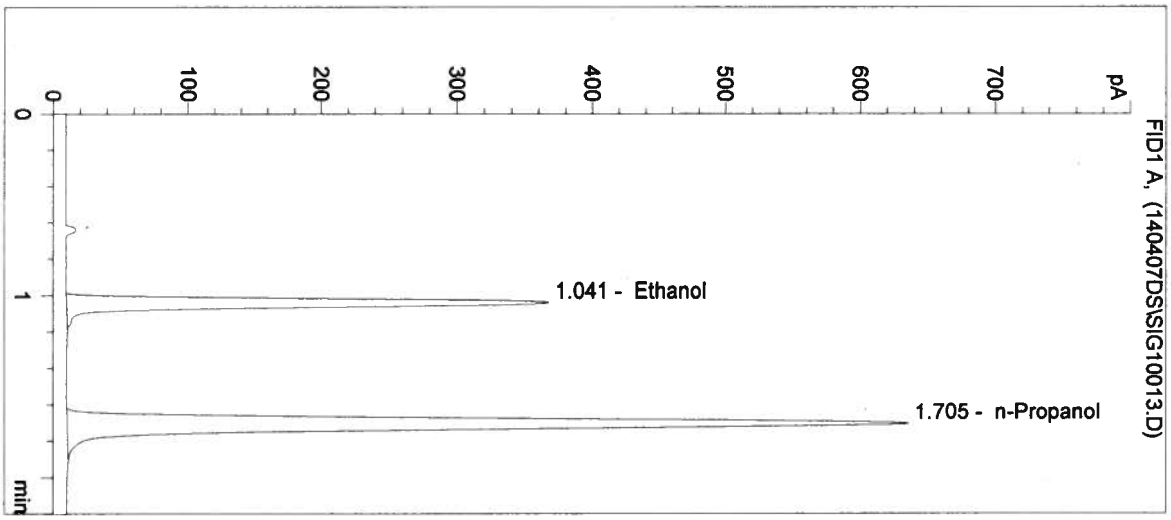
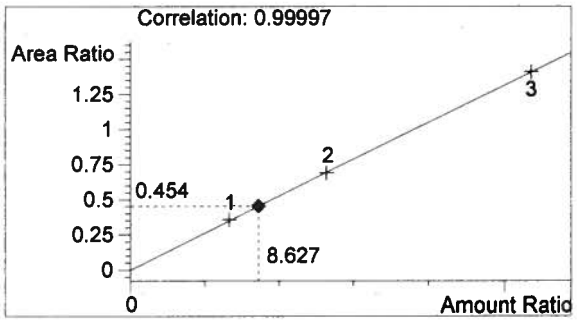
Inj. Date: 4/7/2014 2:42:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

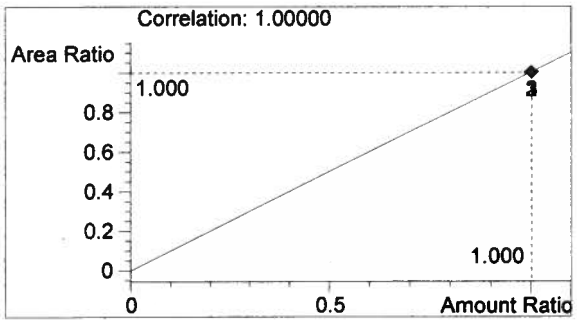
Sample Name: 14009 #4
Operator: Dawn Sklerov
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1128	1.041
2	n-Propanol	2488	1.705



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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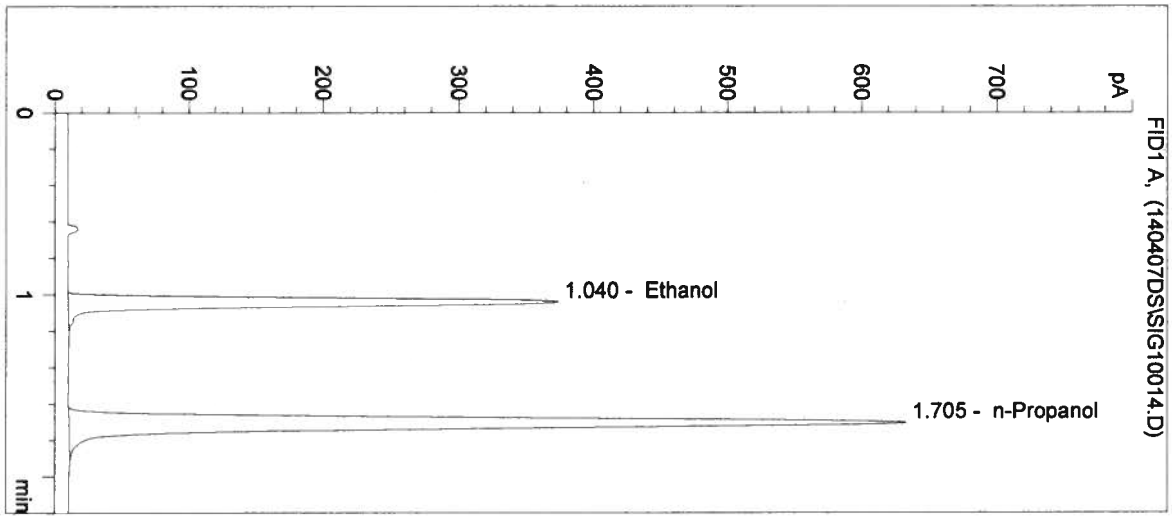
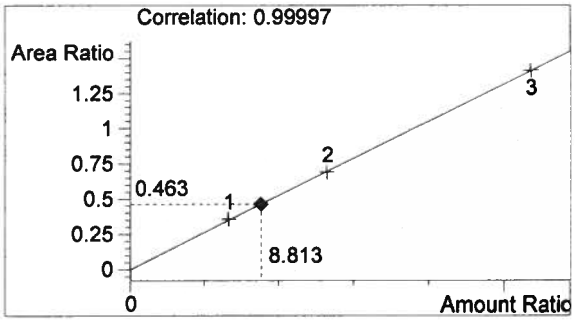
Inj. Date: 4/7/2014 2:45:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

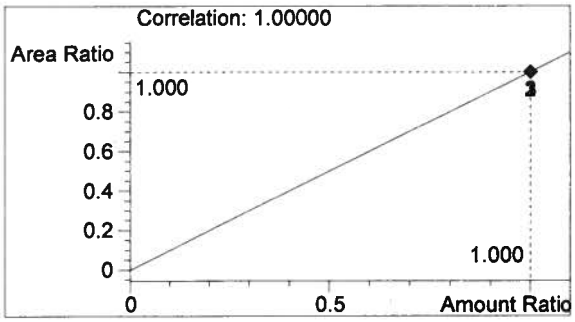
Sample Name: 14009 #5
Operator: Dawn Sklerov
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1143	1.040
2	n-Propanol	2467	1.705



Ethanol 0.106 g/100mL



n-Propanol 0.012 g/100mL

DS

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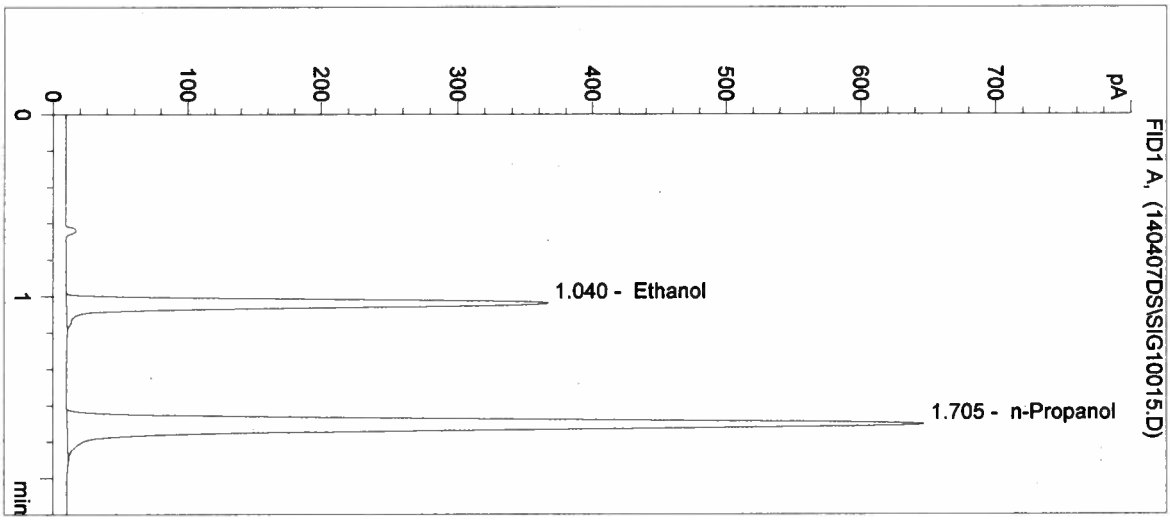
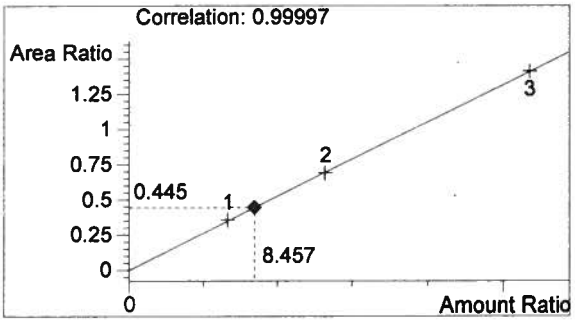
Inj. Date: 4/7/2014 2:48:27 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

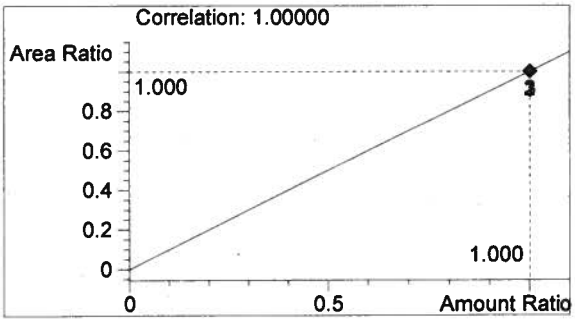
Sample Name: 0.10 CTRL
Operator: Dawn Sklerov
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1122	1.040
2	n-Propanol	2523	1.705



Ethanol 0.101 g/100mL



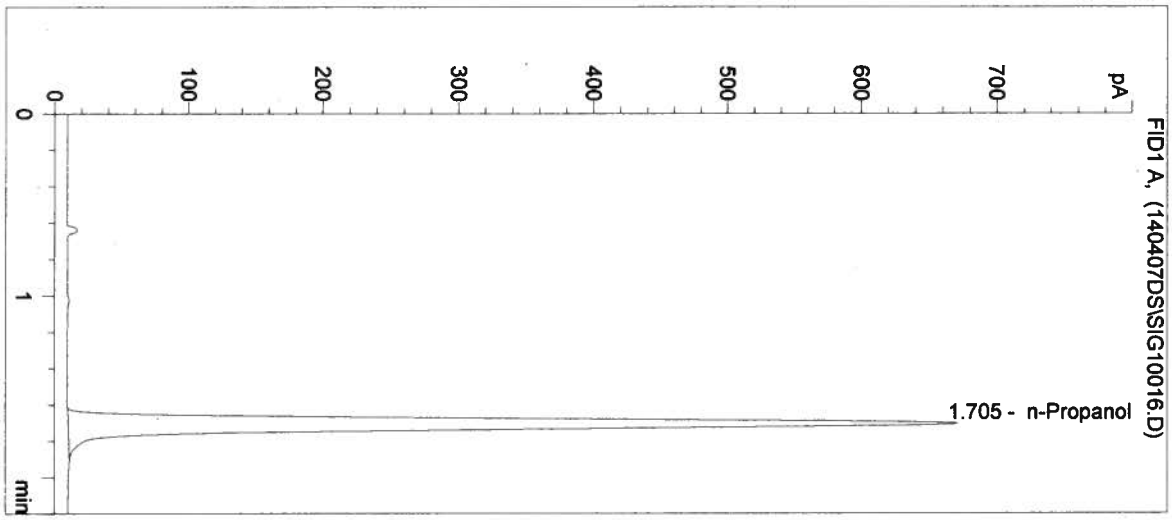
n-Propanol 0.012 g/100mL

14009

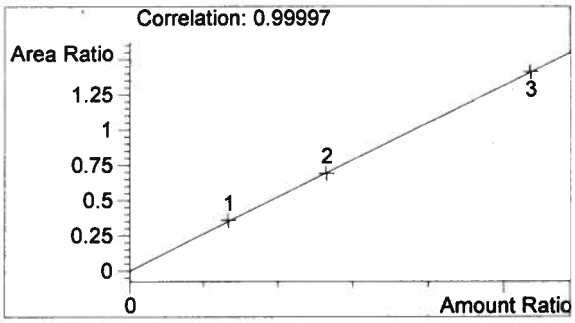
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/7/2014 2:51:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

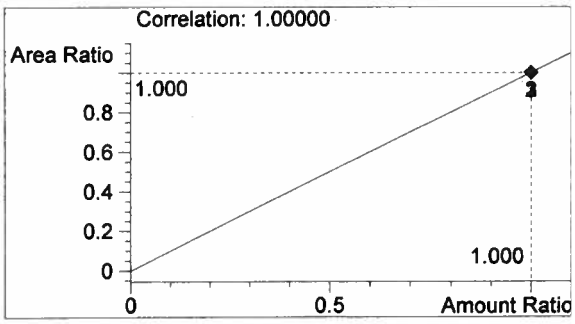
Sample Name: NEG CTRL
Operator: Dawn Sklerov
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2602	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14009

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

Sequence Parameters:

Operator:	asa louis
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	140409AL
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
cal 1 e1213-01 exp 06/03/2014
cal 2 e1213-02 exp 06/03/2014
cal 3 e1213-03 exp 06/03/2014
0.04 control lot# fn120110-04 exp 12/2015
0.10 control lot# a095230 exp 09/2017
0.20 control lot# fn100511-01 exp 10/2016
istd p0314 exp 06/24/2014

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	14009 #1	SIMALC1	1	Sample		
11	Vial 11	14009 #2	SIMALC1	1	Sample		
12	Vial 12	14009 #3	SIMALC1	1	Sample		
13	Vial 13	14009 #4	SIMALC1	1	Sample		
14	Vial 14	14009 #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		

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!

14009

140409AL

AL

Calibration Table

Calib. Data Modified : Wednesday, April 09, 2014 9:57:35 AM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	8.00300e-2	834.69330	9.58795e-5	1		Ethanol
		2	1.58560e-1	1723.59460	9.19938e-5			
		3	3.21220e-1	3350.72388	9.58659e-5			
1.704	1	1	1.20000e-2	2387.40503	5.02638e-6	I1		n-Propanol
		2	1.20000e-2	2457.37012	4.88327e-6			
		3	1.20000e-2	2391.82031	5.01710e-6			

14009

Peak Sum Table

No Entries in table

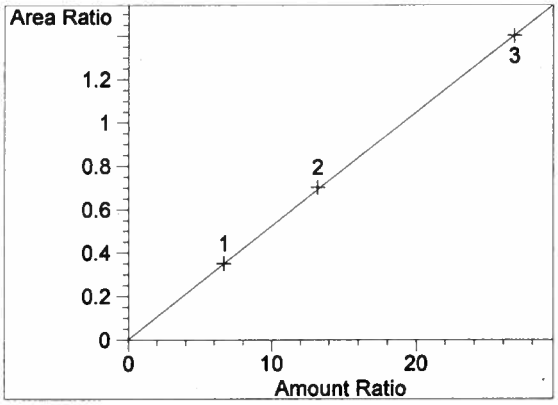
140409AL

AL

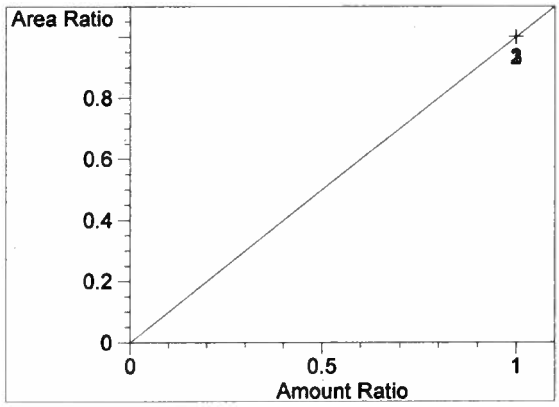
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00592
Formula: y = mx + b
m: 5.23661e-2
b: 2.25193e-3
x: Amount Ratio
y: Area Ratio



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

==========

14009

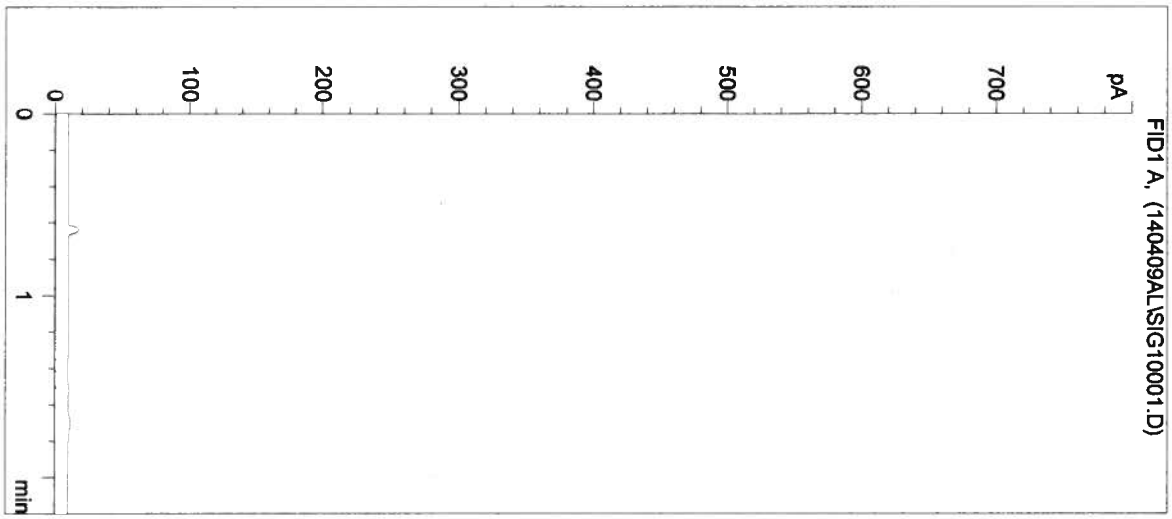
140409 AL

AL

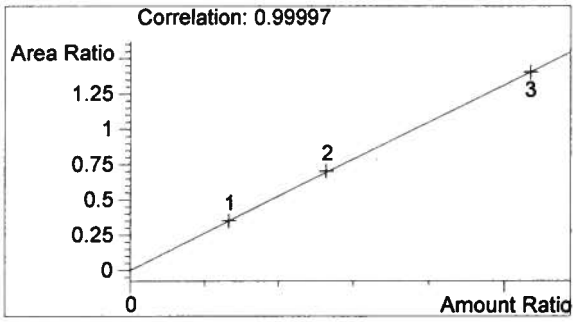
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2014 9:46:08 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

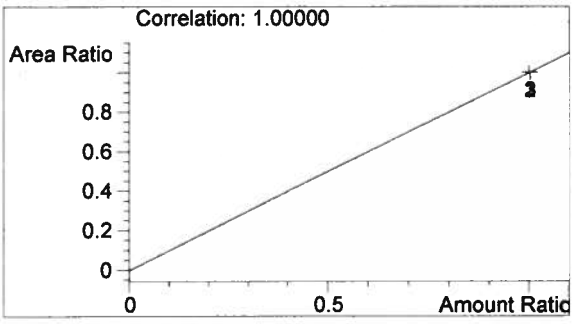
Sample Name: blank
Operator: asa louis
Location: Vial 1



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



Ethanol 0.000 g/100mL



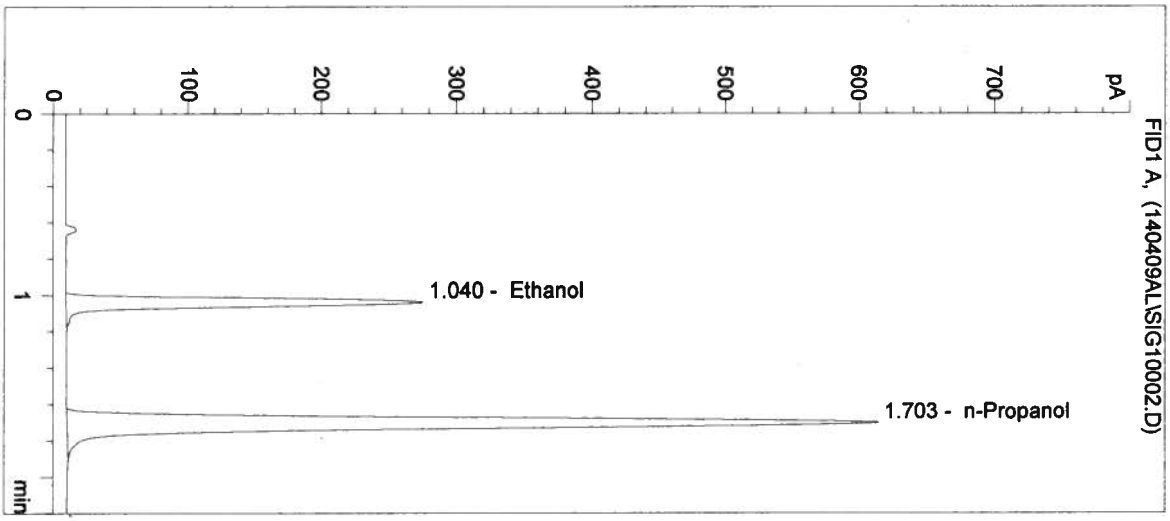
n-Propanol 0.000 g/100mL

14009

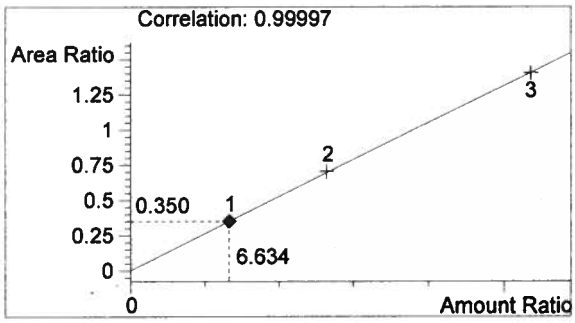
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2014 9:49:12 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

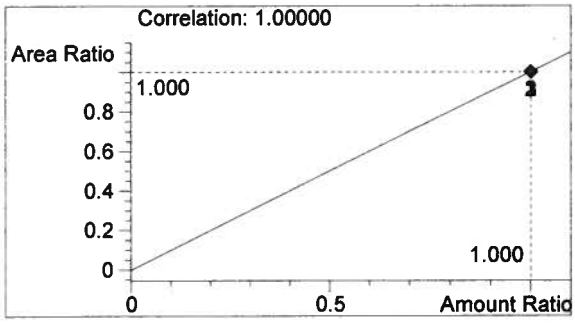
Sample Name: 0.079 cal 1
Operator: asa louis
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	835	1.040
2	n-Propanol	2387	1.703



Ethanol 0.080 g/100mL



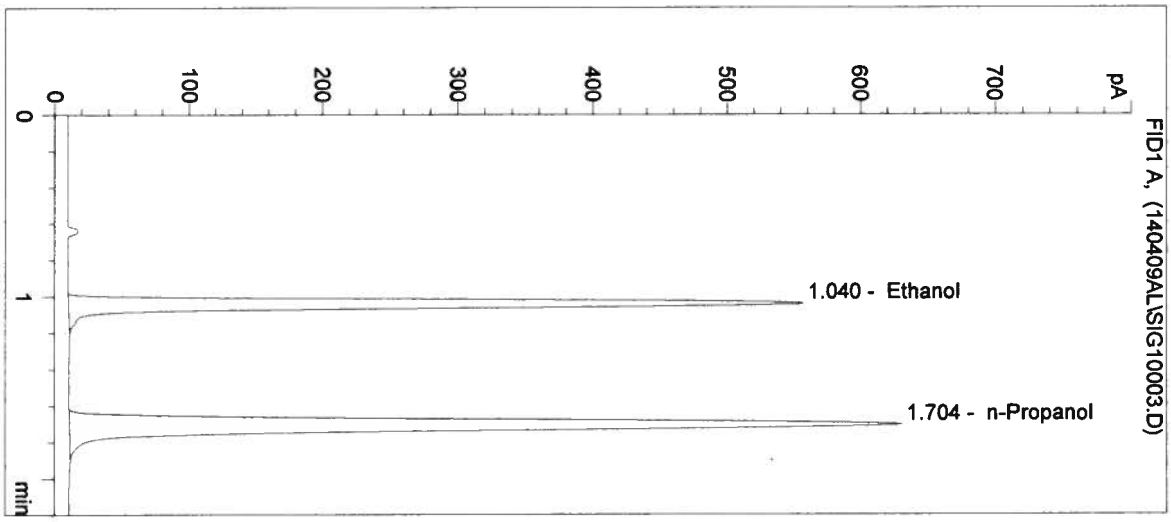
n-Propanol 0.012 g/100mL

14009

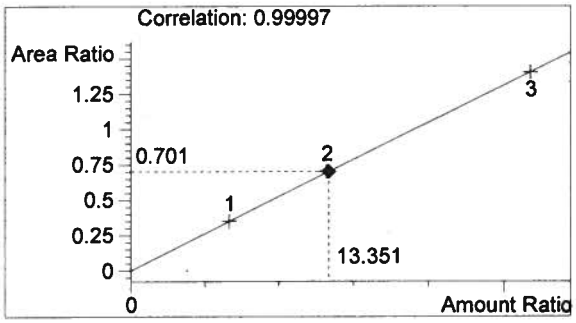
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2014 9:52:17 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

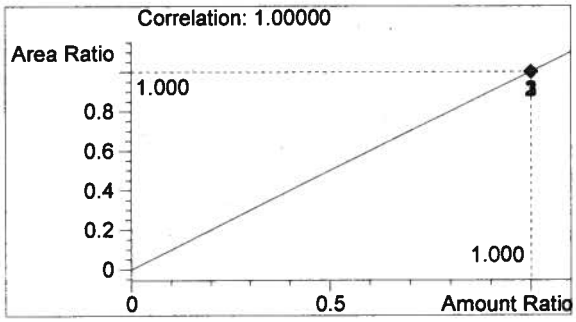
Sample Name: 0.158 cal 2
Operator: asa louis
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1724	1.040
2	n-Propanol	2457	1.704



Ethanol 0.160 g/100mL



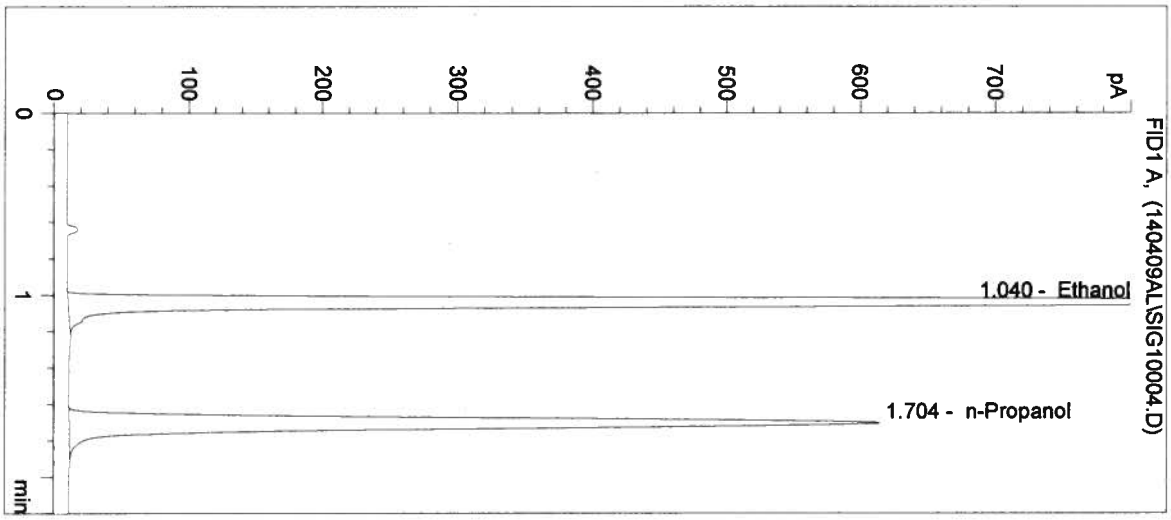
n-Propanol 0.012 g/100mL

14009

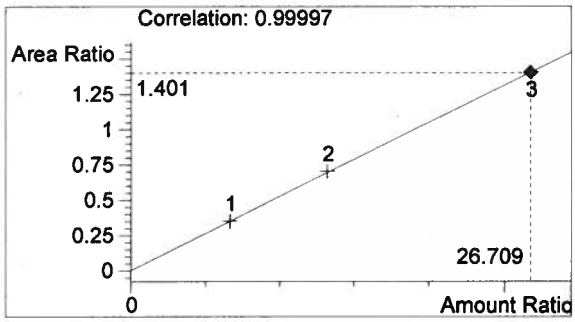
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2014 9:55:22 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

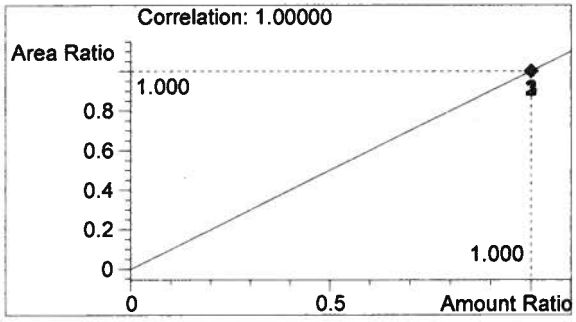
Sample Name: 0.316 cal 3
Operator: asa louis
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3351	1.040
2	n-Propanol	2392	1.704



Ethanol 0.321 g/100mL



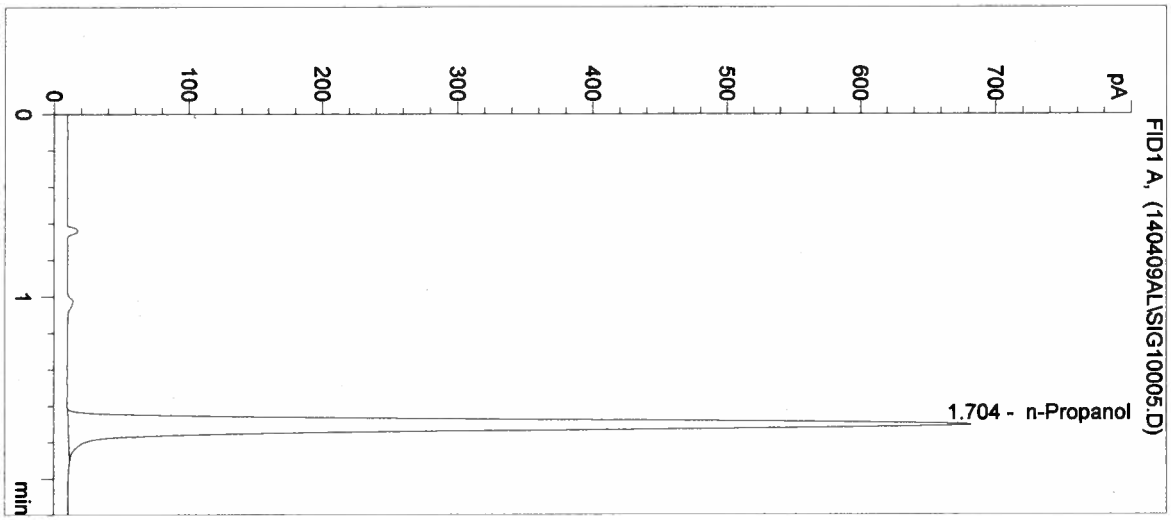
n-Propanol 0.012 g/100mL

14009

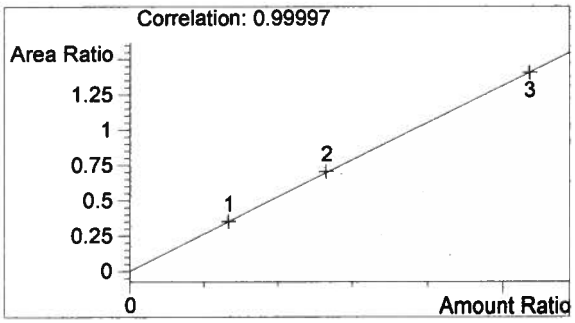
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2014 9:58:27 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

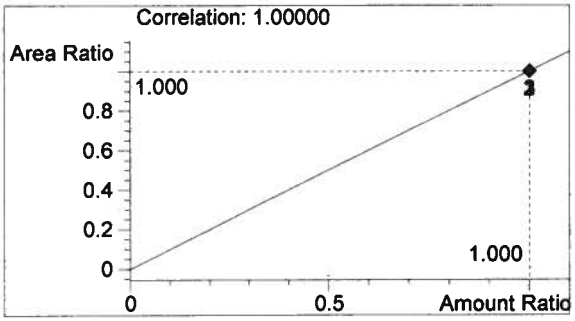
Sample Name: neg control - al
Operator: asa louis
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2668	1.704



Ethanol 0.000 g/100mL



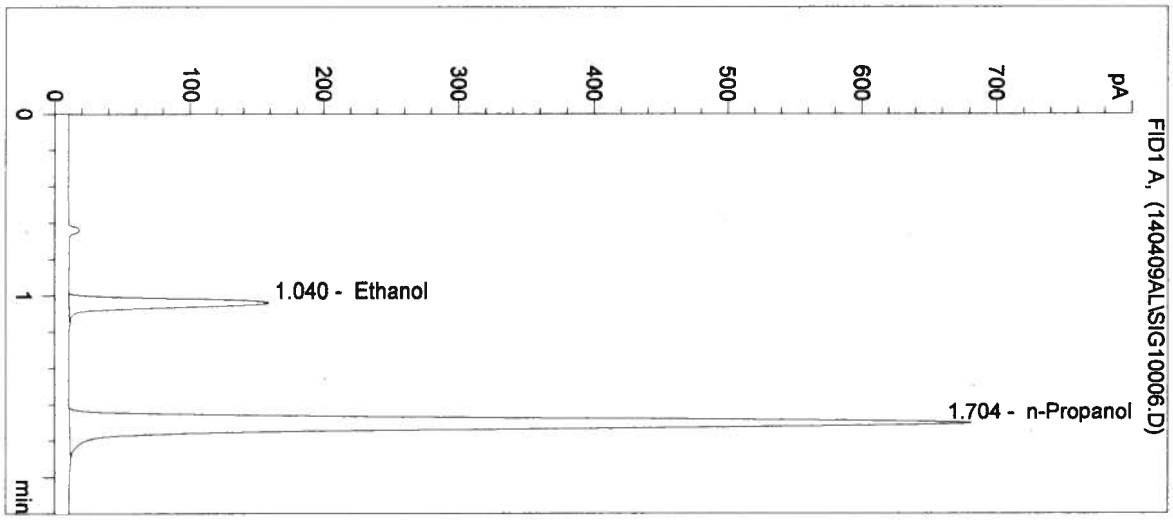
n-Propanol 0.012 g/100mL

14009

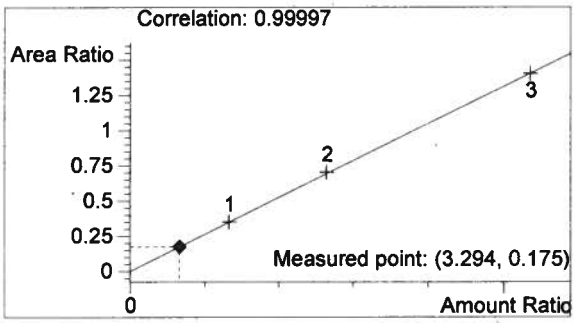
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2014 10:01:31 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

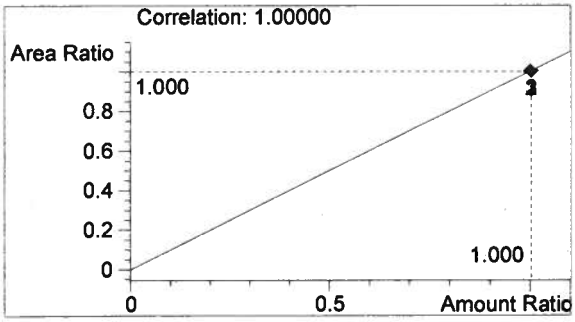
Sample Name: 0.04 ctrl al
Operator: asa louis
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	465	1.040
2	n-Propanol	2664	1.704



Ethanol 0.040 g/100mL



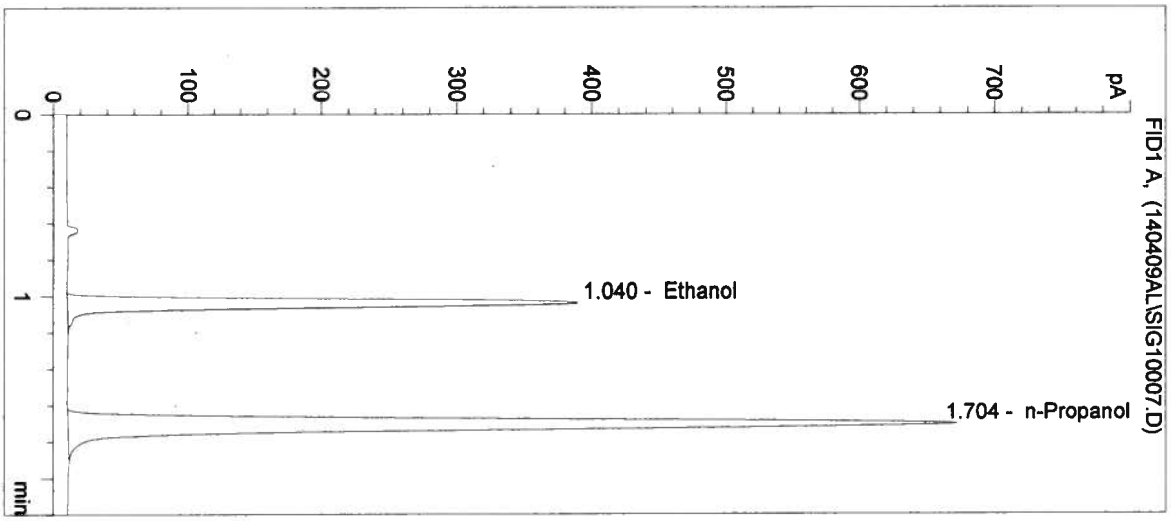
n-Propanol 0.012 g/100mL

14009

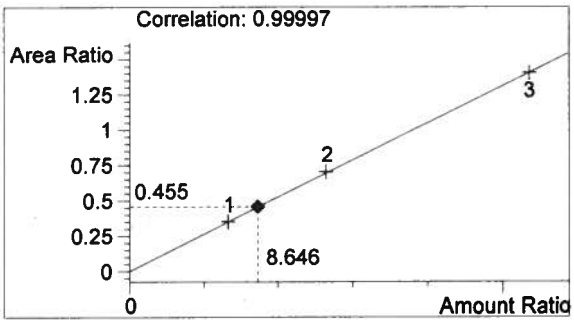
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2014 10:04:36 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

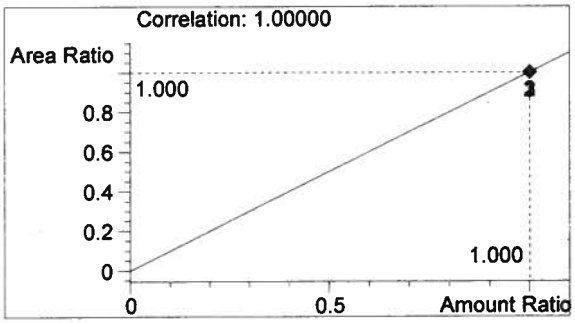
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1194	1.040
2	n-Propanol	2624	1.704



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

14009

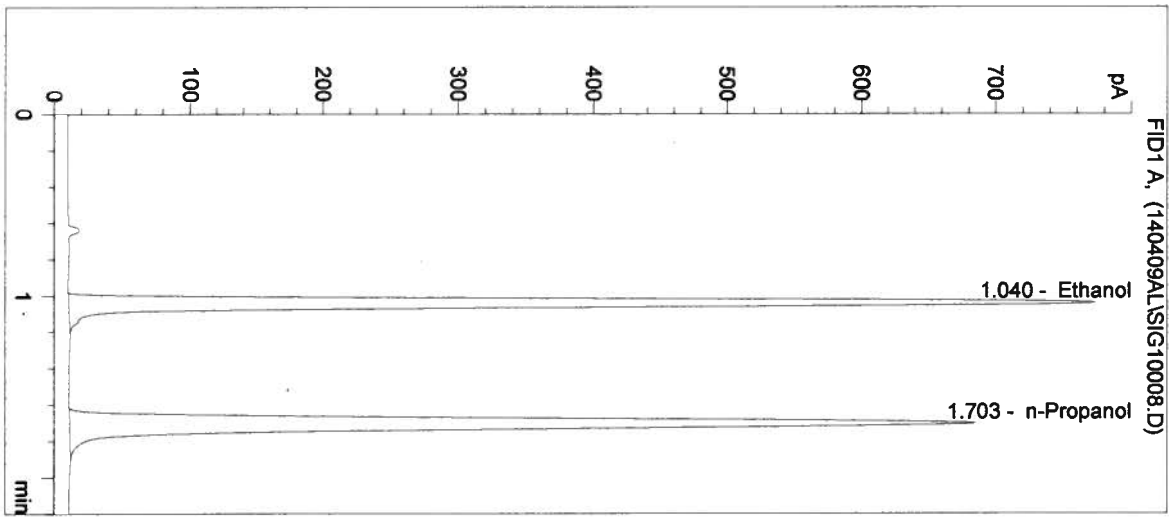
A

Data File: C:\HPCHEM\1\DATA\140409AL\SIG10007.D

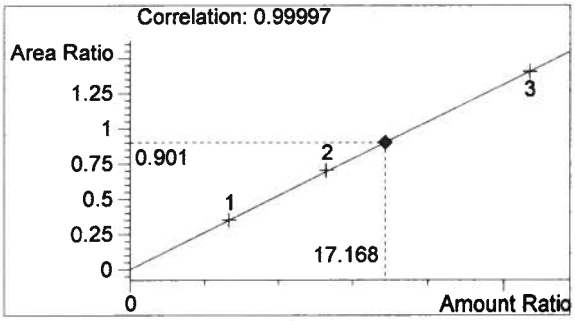
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2014 10:07:41 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

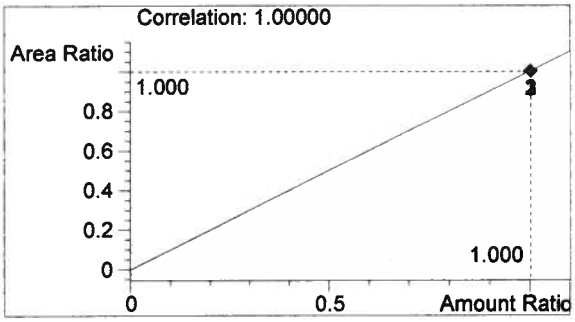
Sample Name: 0.20 ctrl al
Operator: asa louis
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2406	1.040
2	n-Propanol	2670	1.703



Ethanol 0.206 g/100mL



n-Propanol 0.012 g/100mL

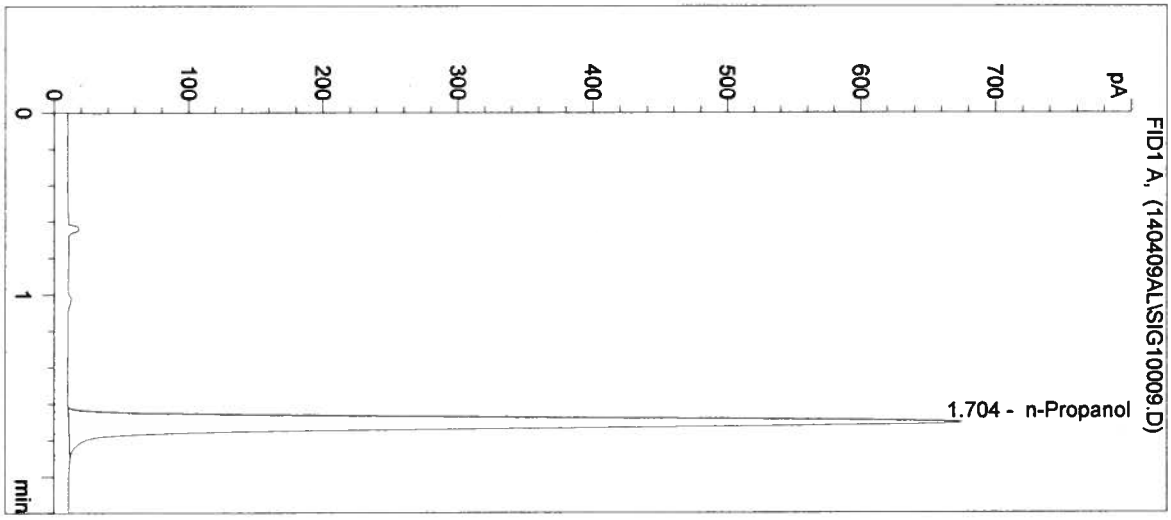
14009

AL

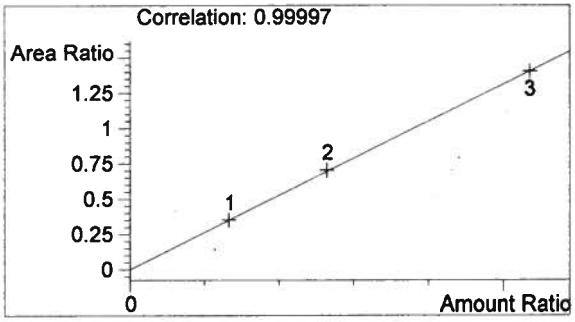
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2014 10:10:45 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

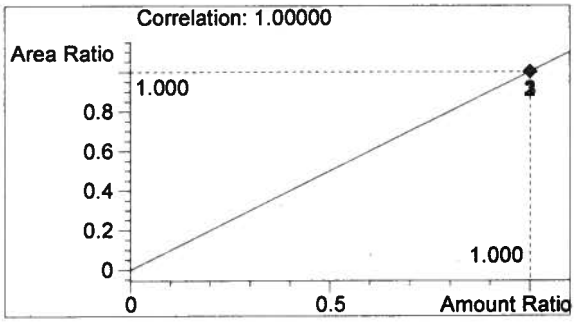
Sample Name: neg control - al
Operator: asa louis
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2634	1.704



Ethanol 0.000 g/100mL



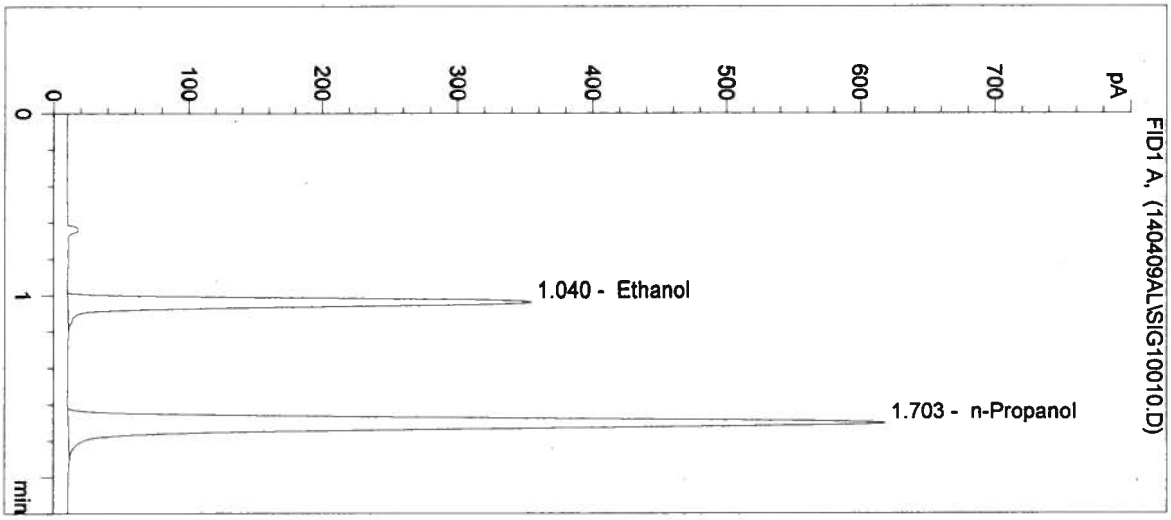
n-Propanol 0.012 g/100mL

14009

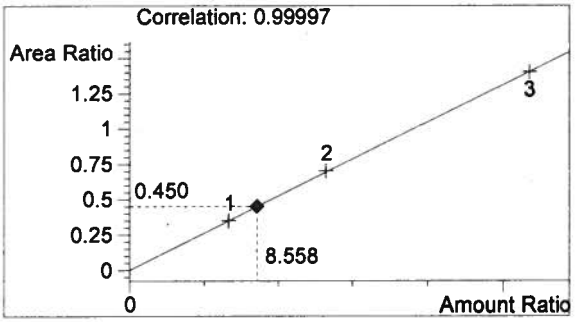
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2014 10:13:50 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

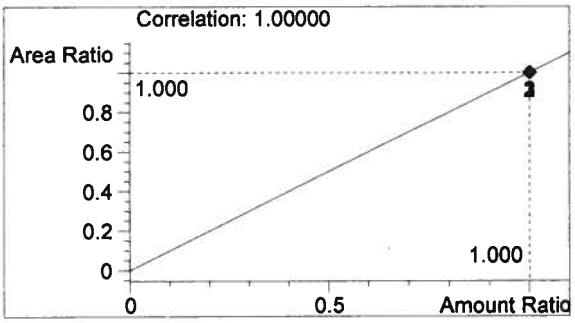
Sample Name: 14009 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1088	1.040
2	n-Propanol	2416	1.703



Ethanol 0.103 g/100mL

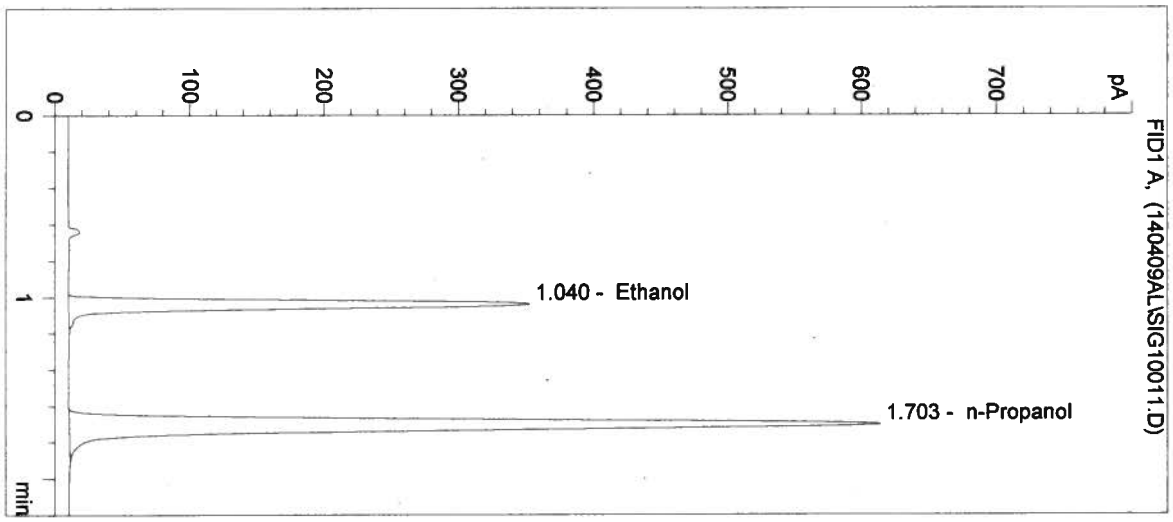


n-Propanol 0.012 g/100mL

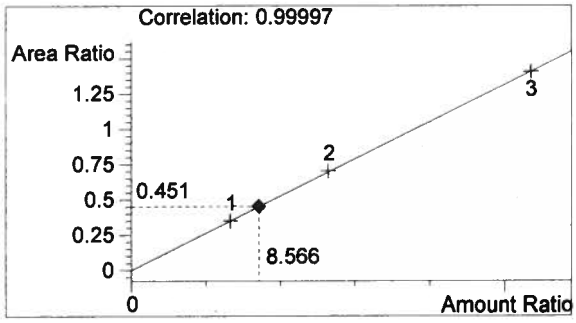
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2014 10:16:55 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

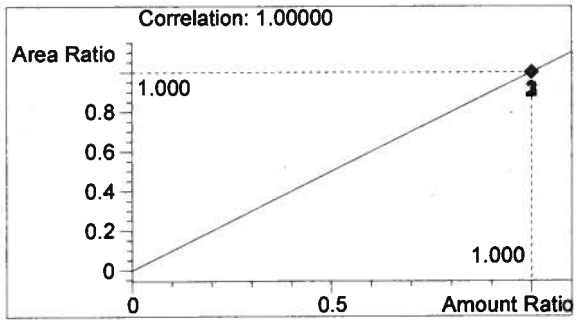
Sample Name: 14009 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1082	1.040
2	n-Propanol	2400	1.703



Ethanol 0.103 g/100mL

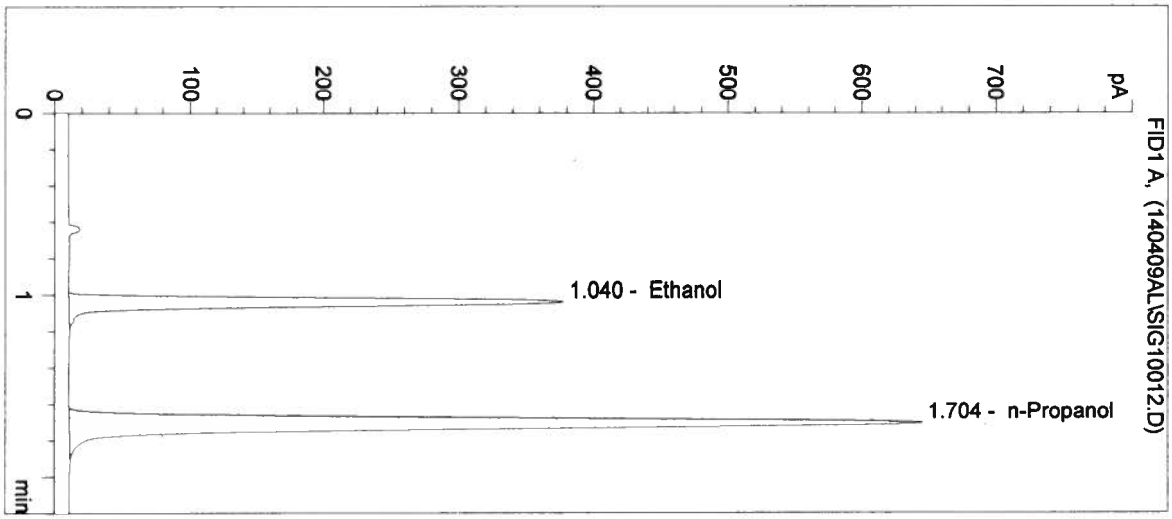


n-Propanol 0.012 g/100mL

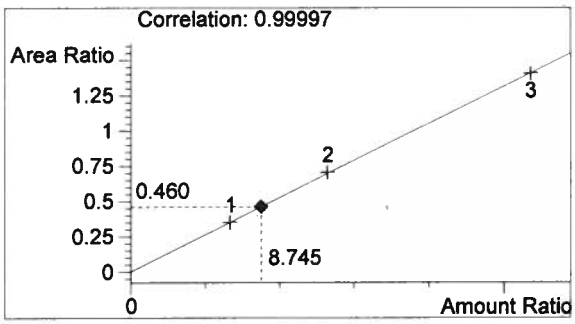
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2014 10:19:59 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

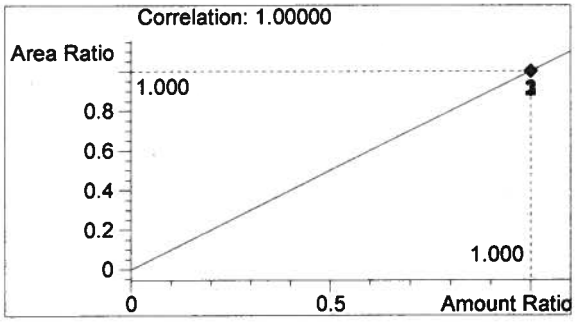
Sample Name: 14009 #3
Operator: asa louis
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1158	1.040
2	n-Propanol	2516	1.704



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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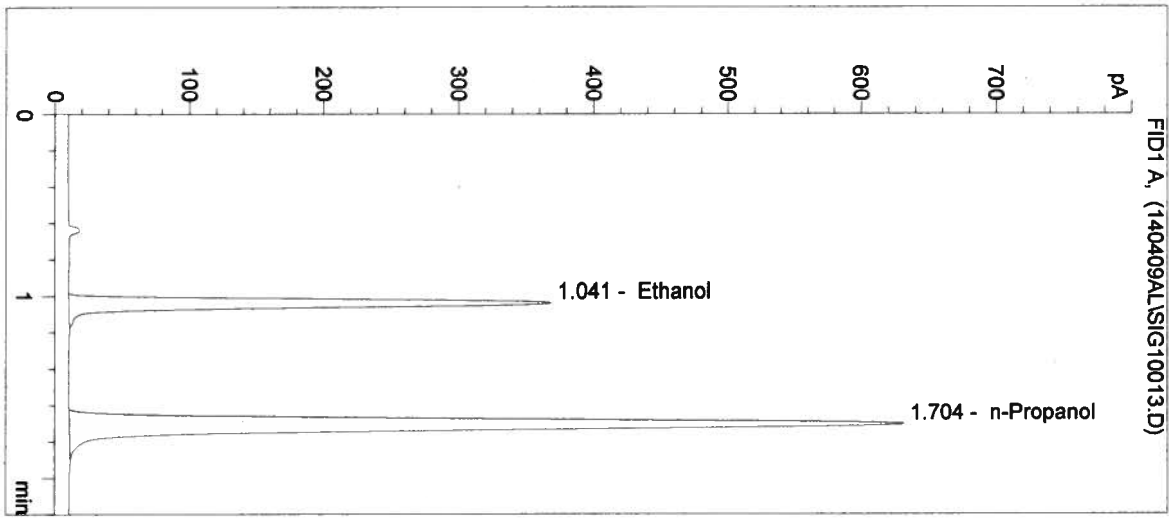
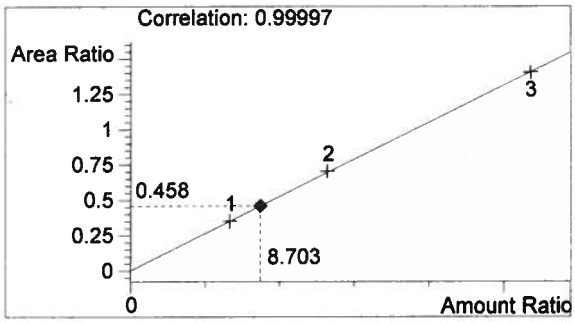
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2014 10:23:04 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

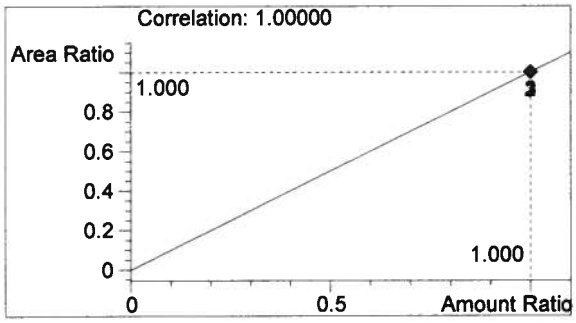
Sample Name: 14009 #4
Operator: asa louis
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1128	1.041
2	n-Propanol	2462	1.704



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

AL

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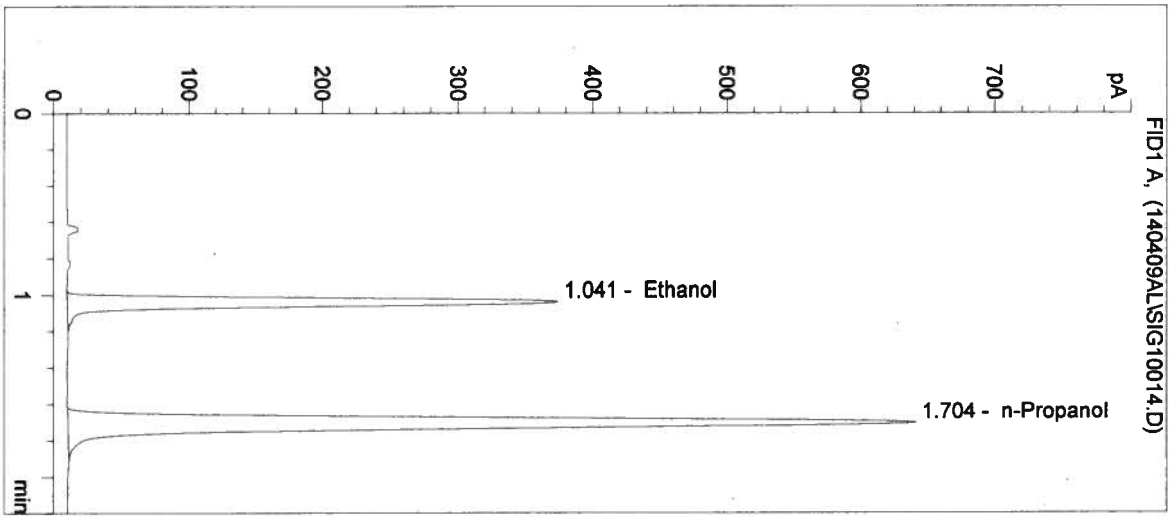
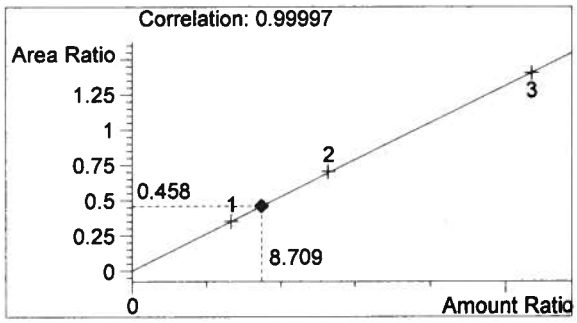
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2014 10:26:09 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

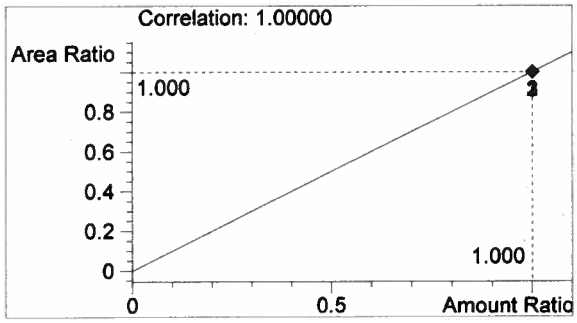
Sample Name: 14009 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1146	1.041
2	n-Propanol	2501	1.704



Ethanol 0.105 g/100mL



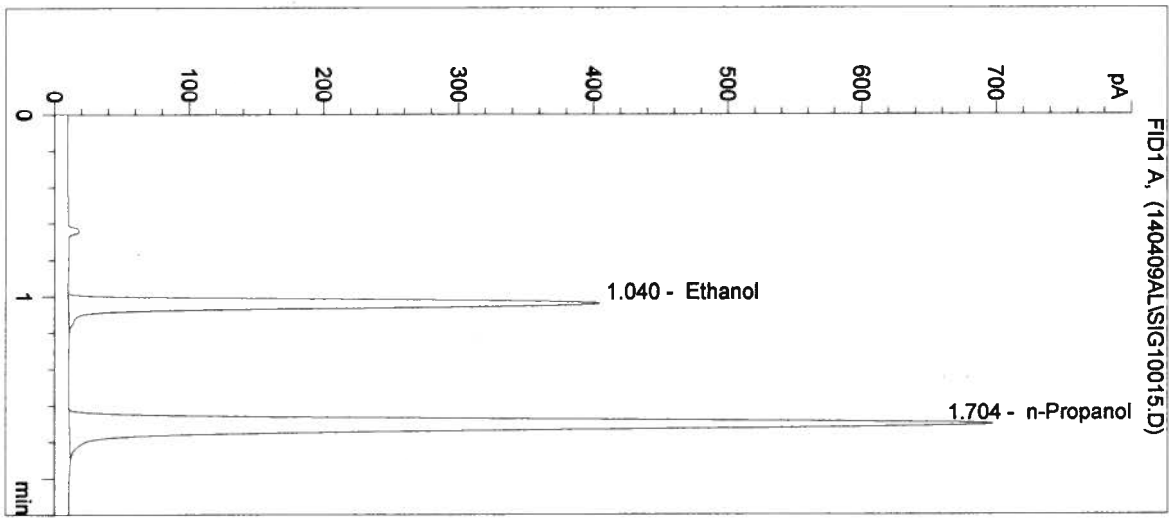
n-Propanol 0.012 g/100mL

M

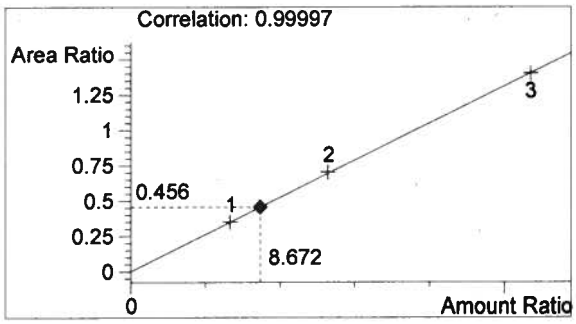
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2014 10:29:14 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

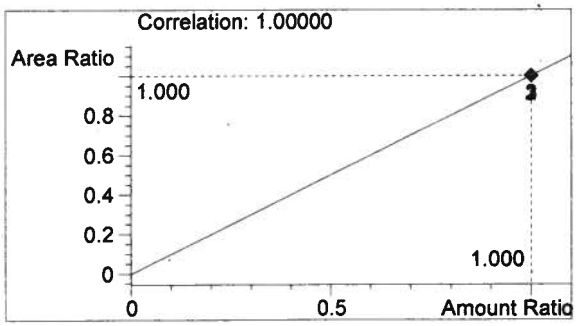
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1243	1.040
2	n-Propanol	2724	1.704



Ethanol 0.104 g/100mL



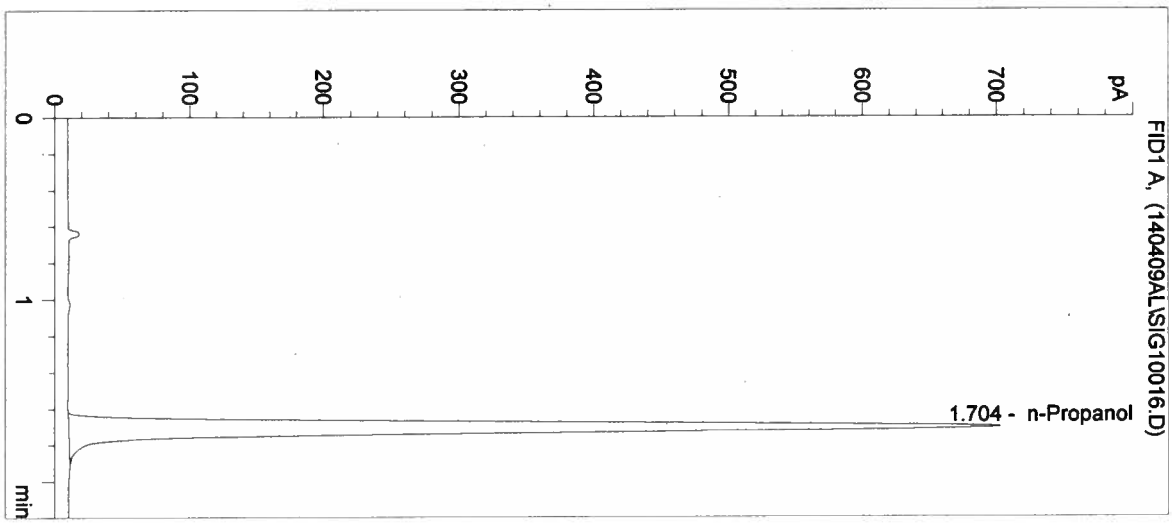
n-Propanol 0.012 g/100mL

14009

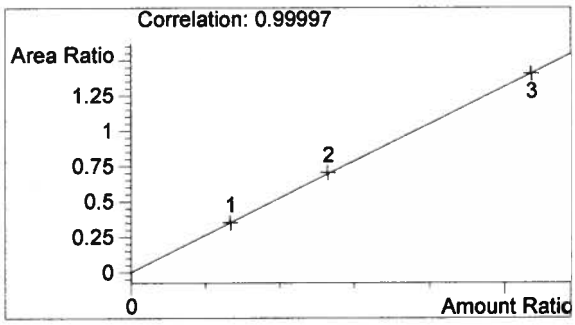
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/9/2014 10:32:18 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

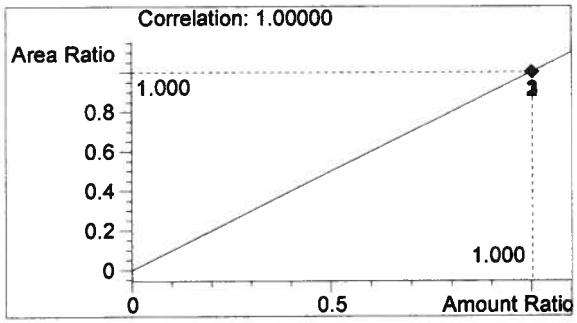
Sample Name: neg control - al
Operator: asa louis
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2738	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14009