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

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 14008

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: 03/21/2014
BATCH UNITS: g/100mL

IDENTITY: External Standard Solution
PREPARED BY: Dawn C. Sklerov

	DCS	AJL	LL	AG	KK	JLK	CM	SS
1	0.103	0.103	0.103	0.103	0.104	0.104	0.103	0.102
2	0.103	0.103	0.103	0.103	0.103	0.104	0.103	0.104
3	0.105	0.103	0.103	0.103	0.102	0.105	0.104	0.101
4	0.105	0.102	0.103	0.102	0.104	0.106	0.103	0.102
5	0.104	0.102	0.103	0.103	0.105	0.104	0.104	0.100
C	0.102	0.100	0.098	0.100	0.102	0.100	0.101	0.099

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1032 g/100mL
STANDARD DEVIATION: 0.00114
PRECISION CV (%): 1.11
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0839 g/210L**
EXPANDED UNCERTAINTY: ± 0.0034 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Lisa Noble — Lisa Noble, Forensic Scientist Supervisor
4/23/14 — DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
DCS	Dawn C. Sklerov		03/21/2014
AJL	Asa J. Louis		03/24/2014
LL	Lyndsey Lowe		03/24/2014
AG	Andrew Gingras		03/24/2014
KK	Katie Knorr		03/27/2014
JLK	Justin L. Knoy		03/27/2014
CM	Christie Mitchell-Mata		04/01/2014
SS	Sarah M. Swenson		04/03/2014

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 #: 14008 **Date Prepared:** 3/21/2014

Analyst:	DCS	AJL	LL	AG	KK	JLK	CM	SS
Date Tested:	3/21/2014	3/24/2014	3/24/2014	3/24/2014	3/27/2014	3/27/2014	4/1/2014	4/3/2014
Instrument:	HSGC #3	HSGC #3	HSGC #3	HSGC #3	HSGC #3	HSGC #3	HSGC #3	HSGC #3
1	0.103	0.103	0.103	0.103	0.104	0.104	0.103	0.102
2	0.103	0.103	0.103	0.103	0.103	0.104	0.103	0.104
3	0.105	0.103	0.103	0.103	0.102	0.105	0.104	0.101
4	0.105	0.102	0.103	0.102	0.104	0.106	0.103	0.102
5	0.104	0.102	0.103	0.103	0.105	0.104	0.104	0.100
C	0.102	0.100	0.098	0.100	0.102	0.100	0.101	0.099

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0001226656	0.0001918965	0.0001016326

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

Average Solution Concentration: 0.1032 g/100mL
Standard Deviation: 0.00114 g/100mL
Precision CV (%): 1.11
Equivalent Vapor Concentration: 0.0839 g/210L
Combined Standard Uncertainty (±): 0.0017 g/210L
Expanded Uncertainty (±): 0.0034 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Lisa Noble — Name; Lisa Noble — Signature; 4/17/14 — Date

Calculations verified by: Amanda M. Black — Name; [signature] — Signature; 4-23-2014 — Date

Method: Hand calculation

Technical review of batch file performed by:

Lisa Noble — Name; Lisa Noble — Signature; 4/17/14 — Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 4-23-2014

Location: WSP-FLSB Seattle, WA **Solution Batch Number:** 14008

	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:** 4-23-2014

Reviewer Signature: N/A 4-23-14 QB **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		4/17/14
Asa Louis	AL	20140421
Brittany Ball		
Christie Mitchell-Mata		4/21/14
Christopher Johnston		
Dawn Sklerov	DS	4.21.14
Justin Knoy		4-17-14
Katie Knorr	KK	4/18/14
Lyndsey Lowe		4.18.14
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson	SMS	4/18/14

Batch # 14008

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 14008

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 14008, was prepared in the Washington State Toxicology Laboratory on 3/21/2014. 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 3/21/2015.

Seattle, WA

Dawn C Sklerov 4.21.14

Dawn C. Sklerov Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14008

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 14008, was prepared in the Washington State Toxicology Laboratory on 3/21/2014. 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 3/21/2015.

Seattle, WA

20140421

Asa J. Louis Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14008

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 14008, was prepared in the Washington State Toxicology Laboratory on 3/21/2014. 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 3/21/2015.

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 14008

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 14008, was prepared in the Washington State Toxicology Laboratory on 3/21/2014. 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 3/21/2015.

Seattle, WA

4/17/14

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 14008

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 14008, was prepared in the Washington State Toxicology Laboratory on 3/21/2014. 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 3/21/2015.

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 14008

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

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

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

The external standard solution, Lot Number 14008, was prepared in the Washington State Toxicology Laboratory on 3/21/2014. 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 3/21/2015.

Seattle, WA

4-17-14

Justin L. Knoy — Date
Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14008

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 14008, was prepared in the Washington State Toxicology Laboratory on 3/21/2014. 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 3/21/2015.

Seattle, WA

Christie Mitchell-Mata 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 14008

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 14008, was prepared in the Washington State Toxicology Laboratory on 3/21/2014. 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 3/21/2015.

Seattle, WA

4/18/14

Sarah M. Swenson — 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: 3·21·14 Initials of Preparer: DS

Expiration Date: 3·21·15

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	☑	14008

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 3·21·14 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:

Analyst Signature 3·21·14 Date

Sequence: C:\HPCHEM\2\SEQUENCE\DSESS.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\2\DATA\
Data Subdirectory:	140321DS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 Calibrator 1 - Lot# E1213-01 - Exp. 6/3/2014
0.158 Calibrator 2 - Lot# E1213-02 - Exp. 6/3/2014
0.316 Calibrator 3 - Lot# E1213-03 - Exp. 6/3/2014
0.04 Control 1 - Lot# FN120110-04 - Exp. 12/2015
0.10 Control 2 - Lot# A095230 - Exp. 09/2017
0.20 Control 3 - Lot# FN100511-01 - Exp. 10/2016
n-Propanol 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	SIMALC3	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC3	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC3	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	14008 #1	SIMALC3	1	Sample		
11	Vial 11	14008 #2	SIMALC3	1	Sample		
12	Vial 12	14008 #3	SIMALC3	1	Sample		
13	Vial 13	14008 #4	SIMALC3	1	Sample		
14	Vial 14	14008 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	CAL1 0.079	SIMALC3	1	Replace	Replace	
3	Vial 3	CAL2 0.158	SIMALC3	2	Replace	Replace	
4	Vial 4	CAL3 0.316	SIMALC3	3	Replace	Replace	

DS

Sequence: C:\HPCHEM\2\SEQUENCE\DSESS.S

Sequence Table (Back Injector):

No entries - empty table!

14008

DS

Calibration Table

Calib. Data Modified : Friday, March 21, 2014 11:17:18 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
1.017	1	1	8.00300e-2	532.59076	1.50265e-4	1		Ethanol
		2	1.58560e-1	1107.93701	1.43113e-4			
		3	3.21220e-1	2224.87451	1.44377e-4			
1.741	1	1	1.20000e-2	1454.38574	8.25091e-6	I1		n-Propanol
		2	1.20000e-2	1448.55884	8.28410e-6			
		3	1.20000e-2	1450.30273	8.27413e-6			

Peak Sum Table

No Entries in table

14008

DS

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Calibration Curves

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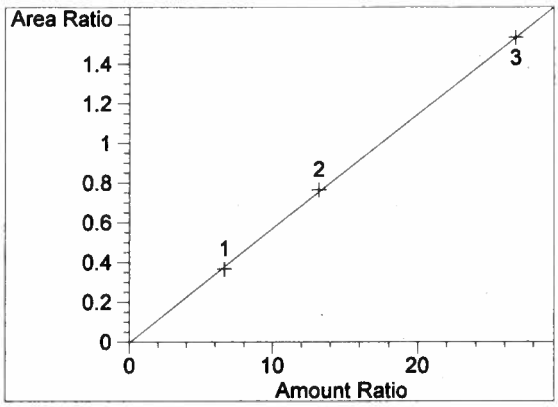
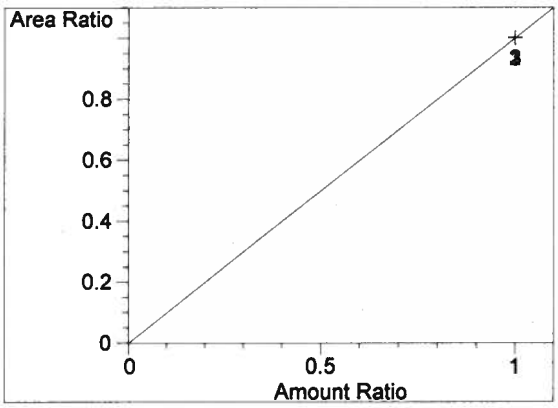


Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99989
Residual Std. Dev.: 0.01173
Formula: y = mx + b
m: 5.75437e-2
b: -4.83316e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.741
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

==========

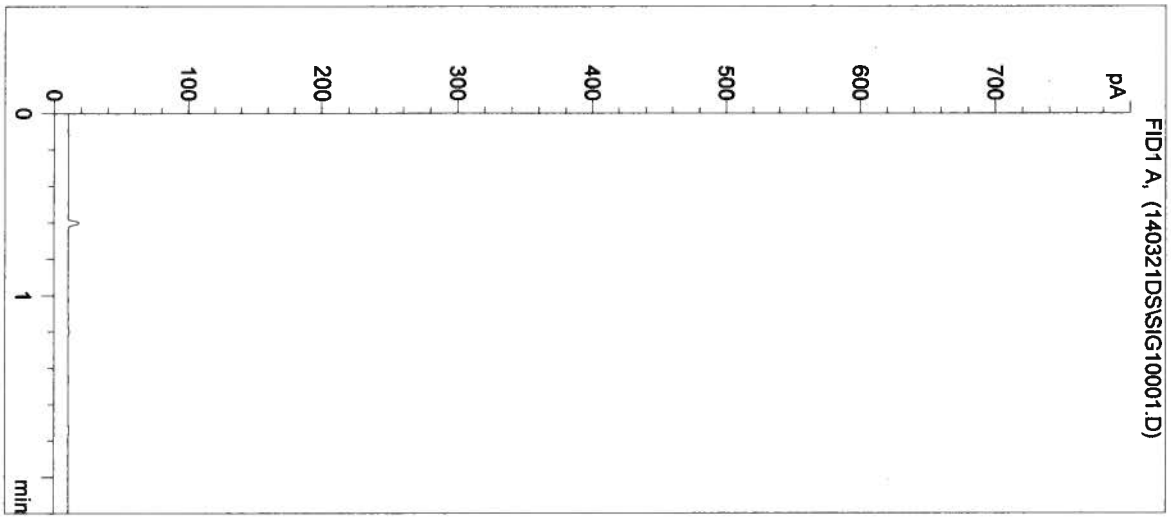
14008

DS

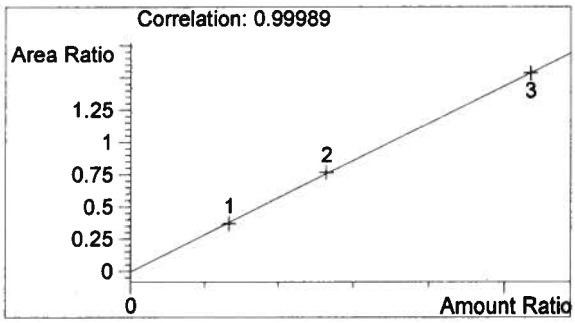
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2014 11:05:44 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

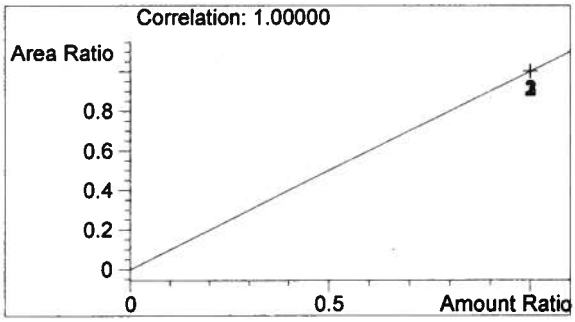
Sample Name: BLANK
Operator: Dawn Sklerov
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

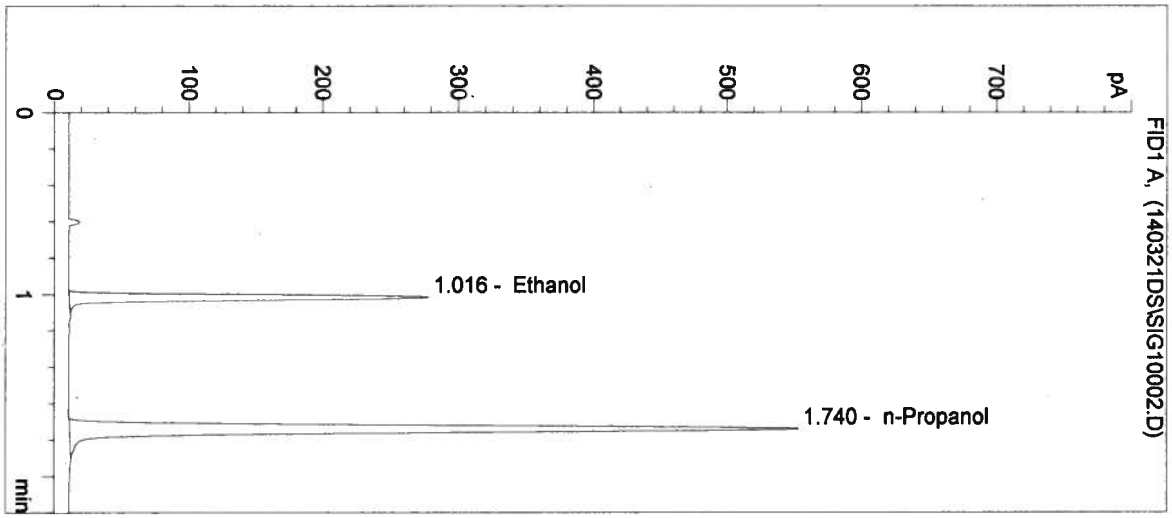
14008

DS

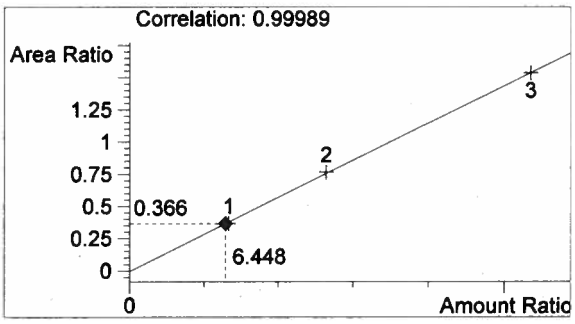
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2014 11:08:51 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

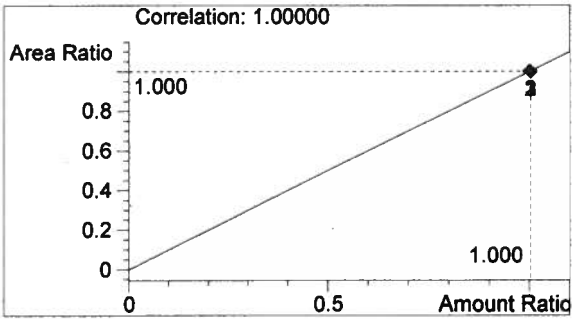
Sample Name: CAL1 0.079
Operator: Dawn Sklerov
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	533	1.016
2	n-Propanol	1454	1.740



Ethanol 0.077 g/100mL



n-Propanol 0.012 g/100mL

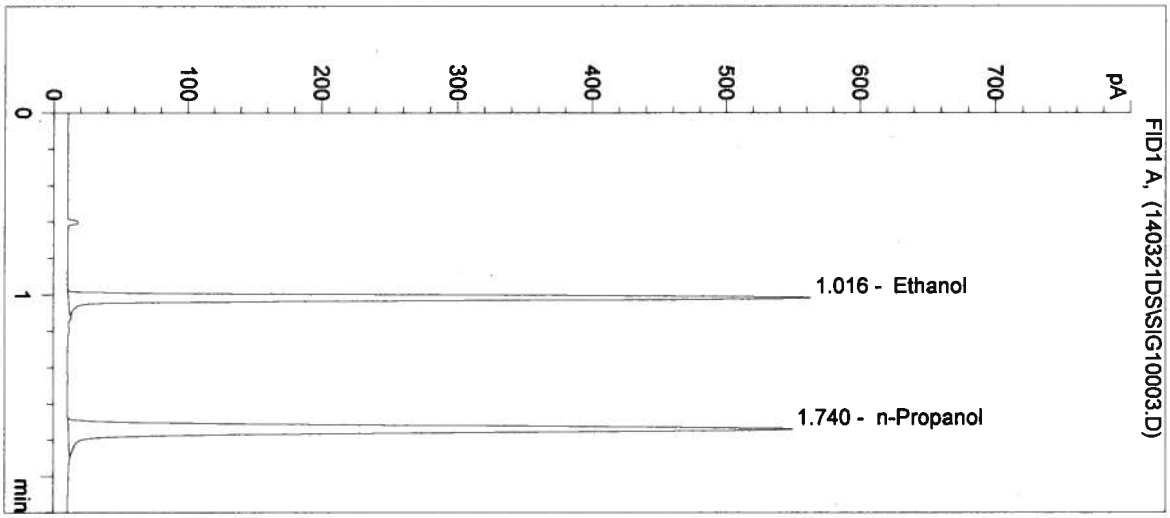
140009

DS

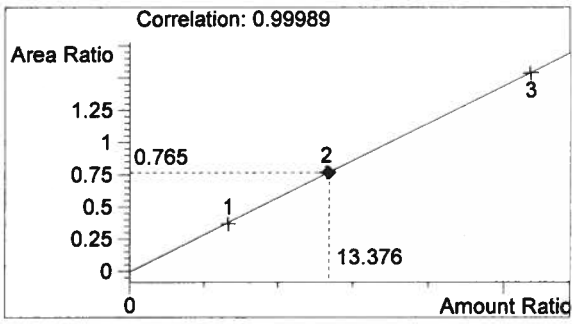
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2014 11:11:59 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

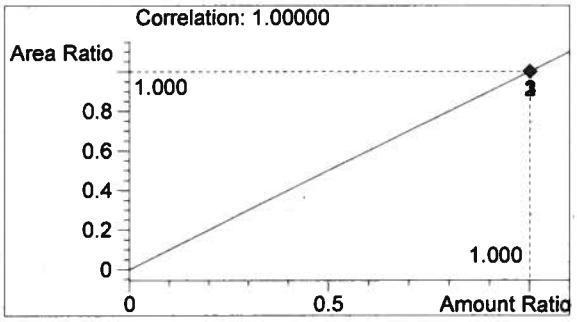
Sample Name: CAL2 0.158
Operator: Dawn Sklerov
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.016
2	n-Propanol	1449	1.740



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

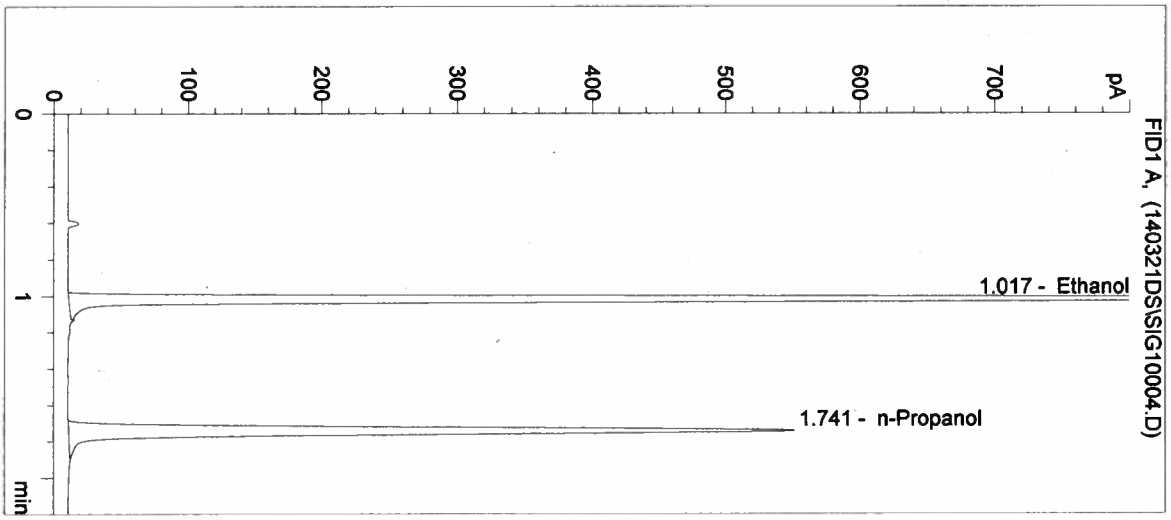
14008

DS

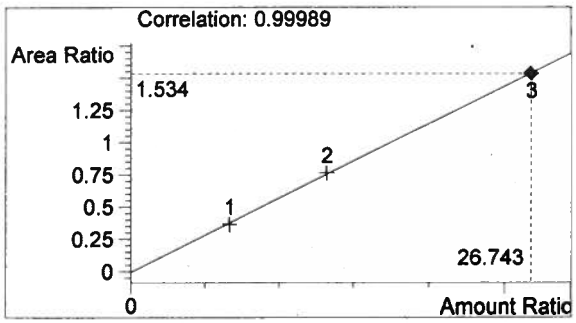
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2014 11:15:06 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

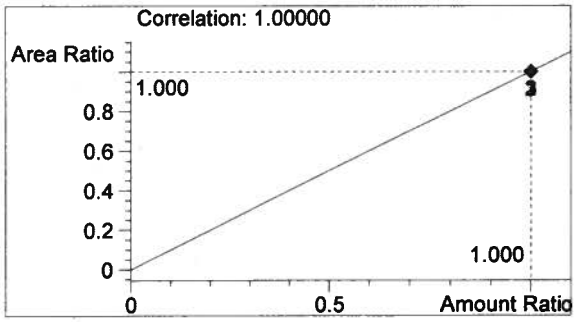
Sample Name: CAL3 0.316
Operator: Dawn Sklerov
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2225	1.017
2	n-Propanol	1450	1.741



Ethanol 0.321 g/100mL



n-Propanol 0.012 g/100mL

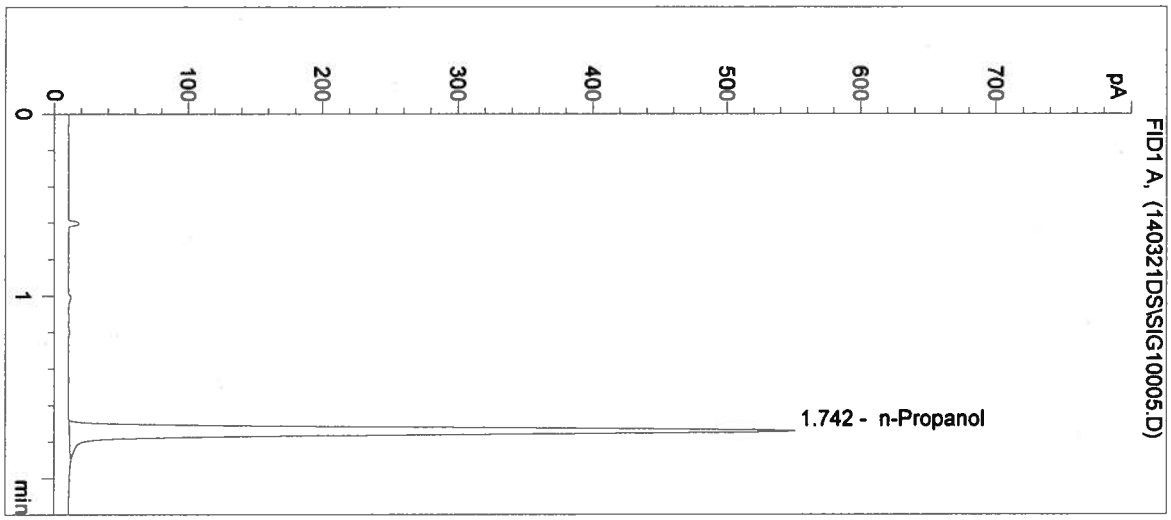
14008

DS

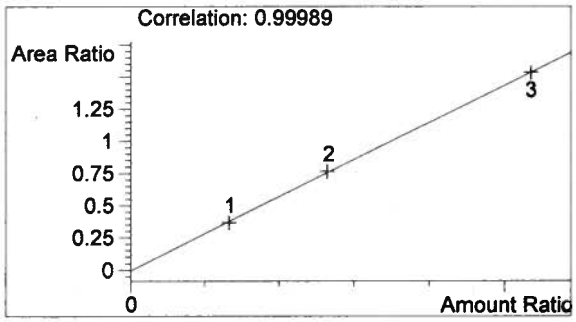
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2014 11:18:14 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

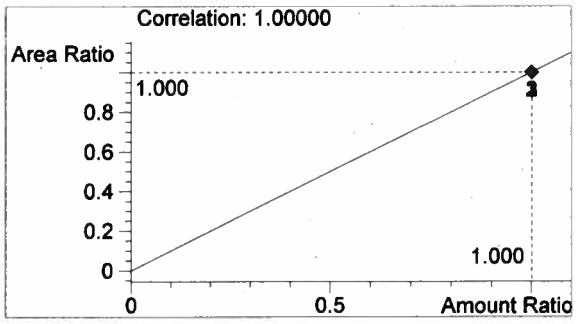
Sample Name: NEG CTRL
Operator: Dawn Sklerov
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1451	1.742



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14008

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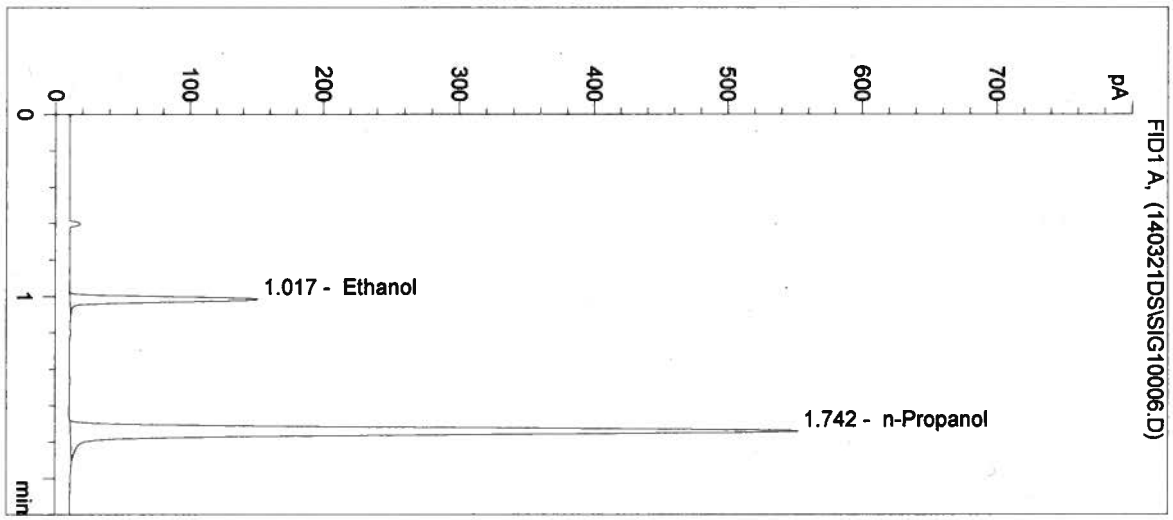
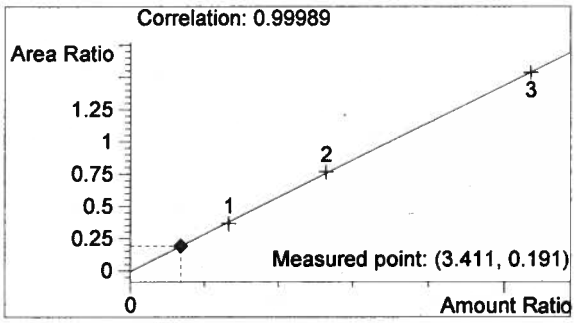
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2014 11:21:21 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

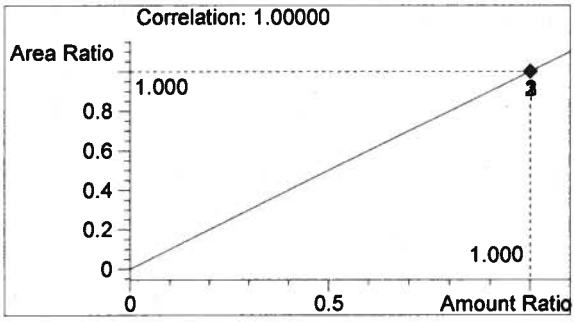


#	Compound	Peak Area	RT (min)
1	Ethanol	278	1.017
2	n-Propanol	1454	1.742



Ethanol 0.041 g/100mL

14008



n-Propanol 0.012 g/100mL

DS

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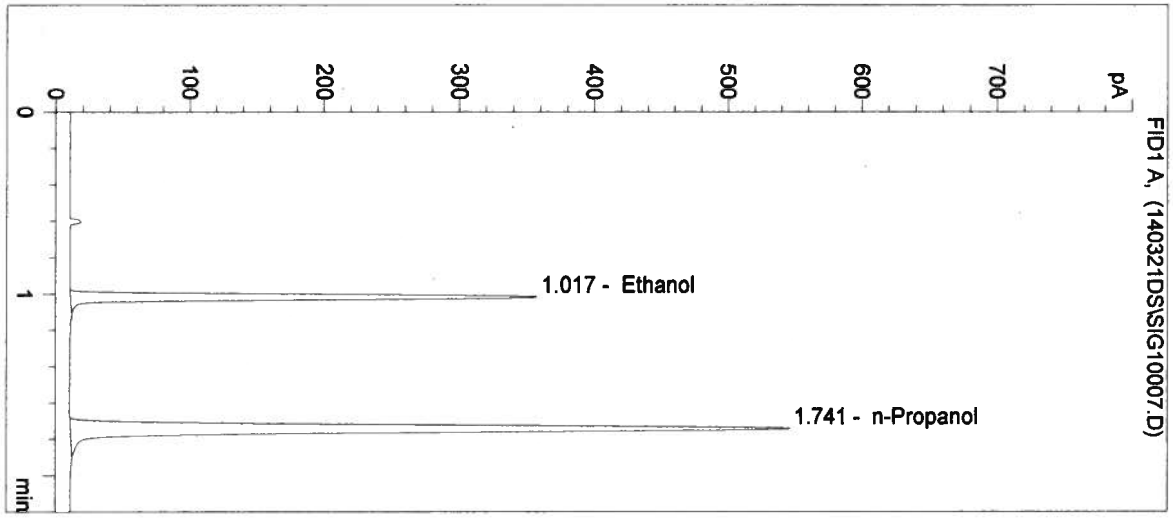
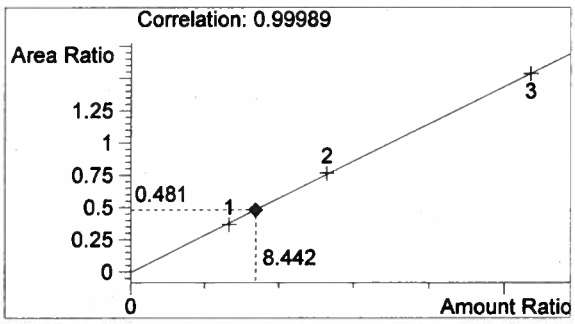
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2014 11:24:28 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

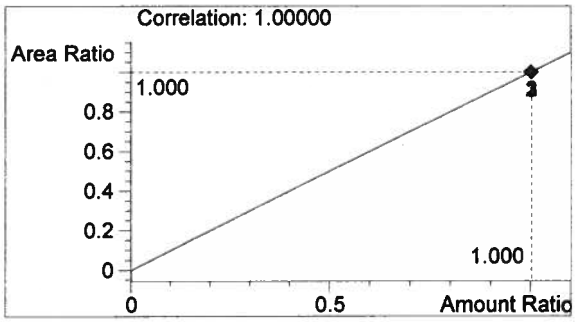


#	Compound	Peak Area	RT (min)
1	Ethanol	692	1.017
2	n-Propanol	1438	1.741



Ethanol 0.101 g/100mL

14008



n-Propanol 0.012 g/100mL

DS

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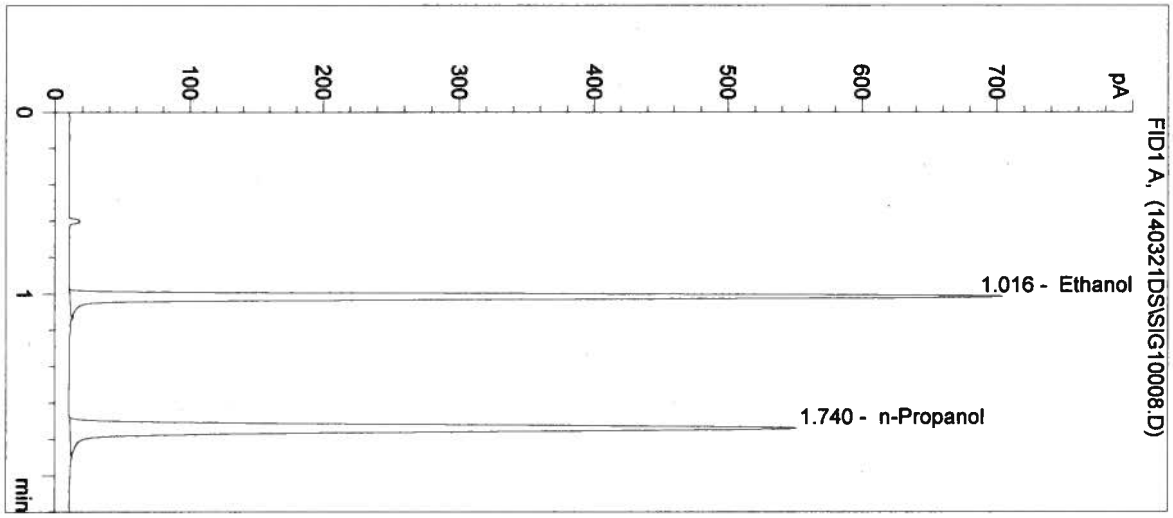
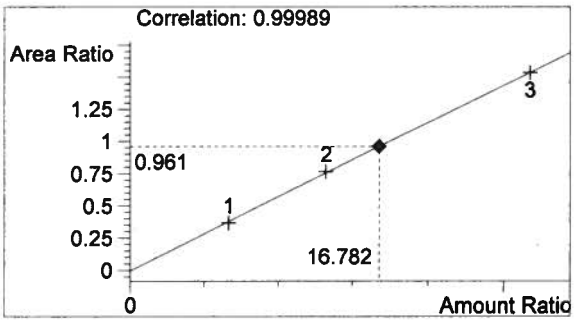
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2014 11:27:36 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

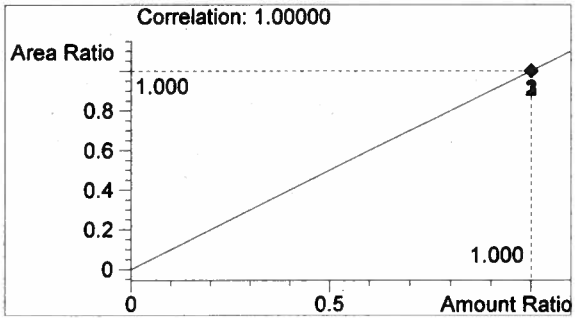
Sample Name: 0.20 CTRL
Operator: Dawn Sklerov
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1392	1.016
2	n-Propanol	1449	1.740



Ethanol 0.201 g/100mL



n-Propanol 0.012 g/100mL

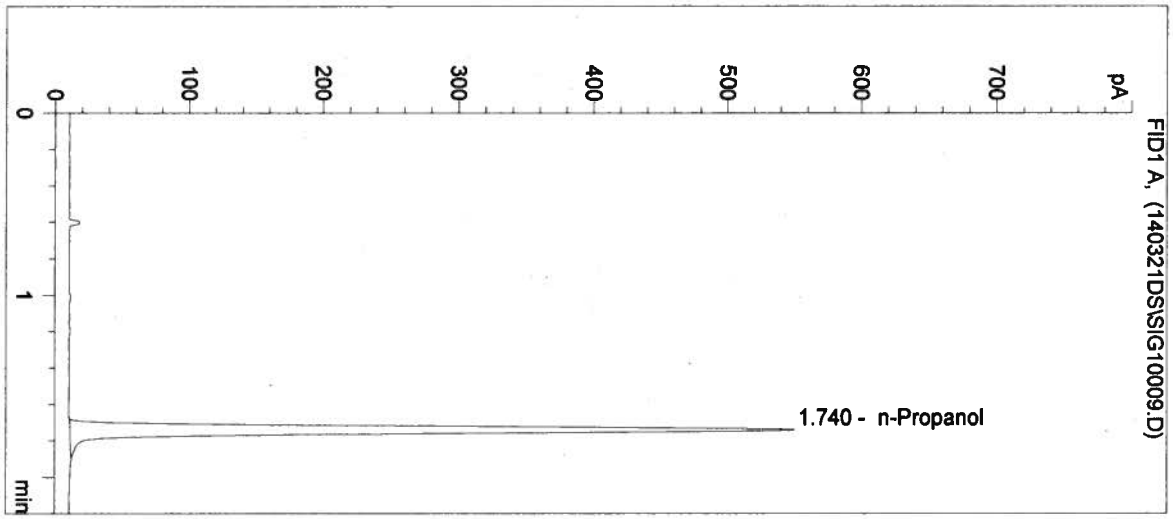
14008

DS

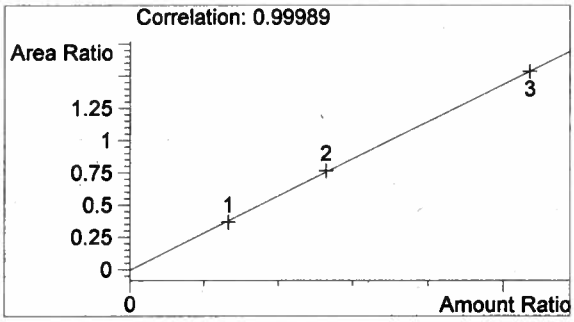
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2014 11:30:43 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

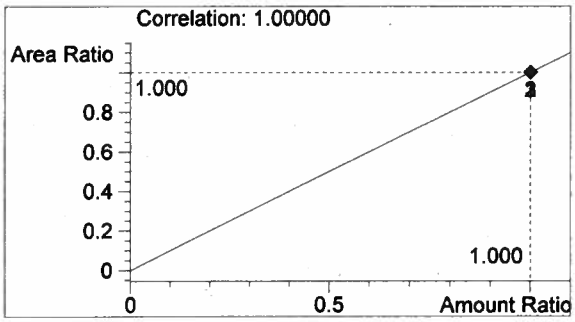
Sample Name: NEG CTRL
Operator: Dawn Sklerov
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1447	1.740



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

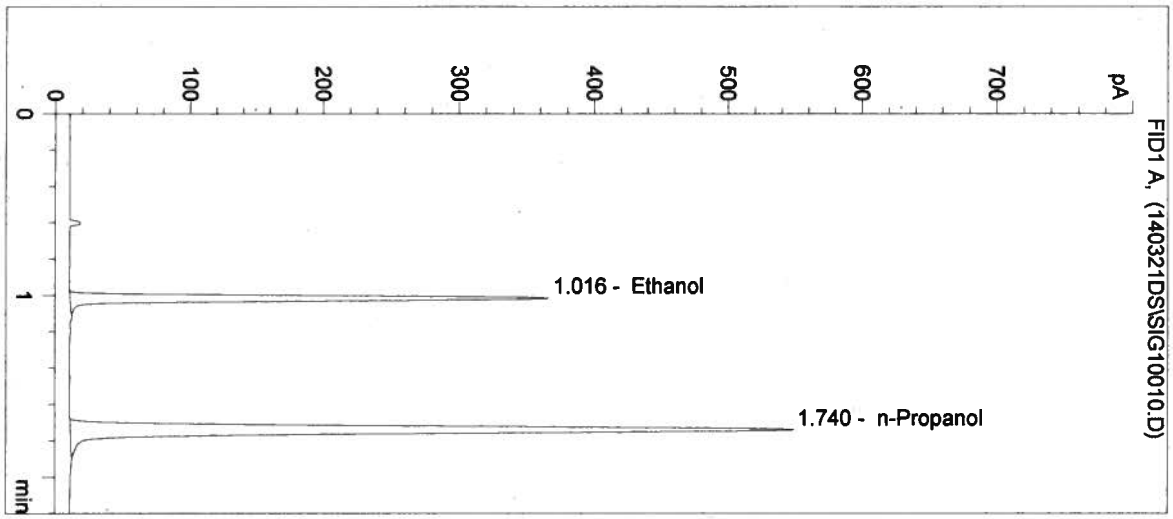
14008

DS

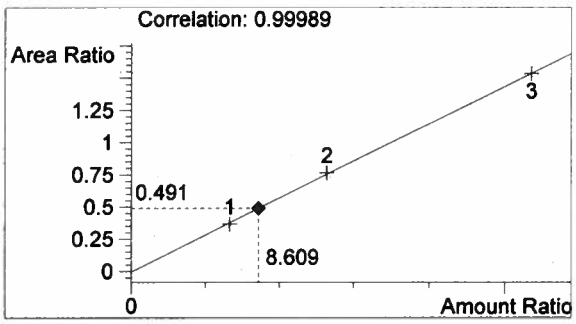
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2014 11:33:47 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

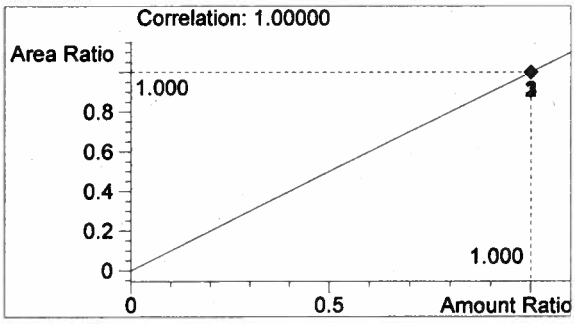
Sample Name: 14008 #1
Operator: Dawn Sklerov
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	709	1.016
2	n-Propanol	1444	1.740



Ethanol 0.103 g/100mL



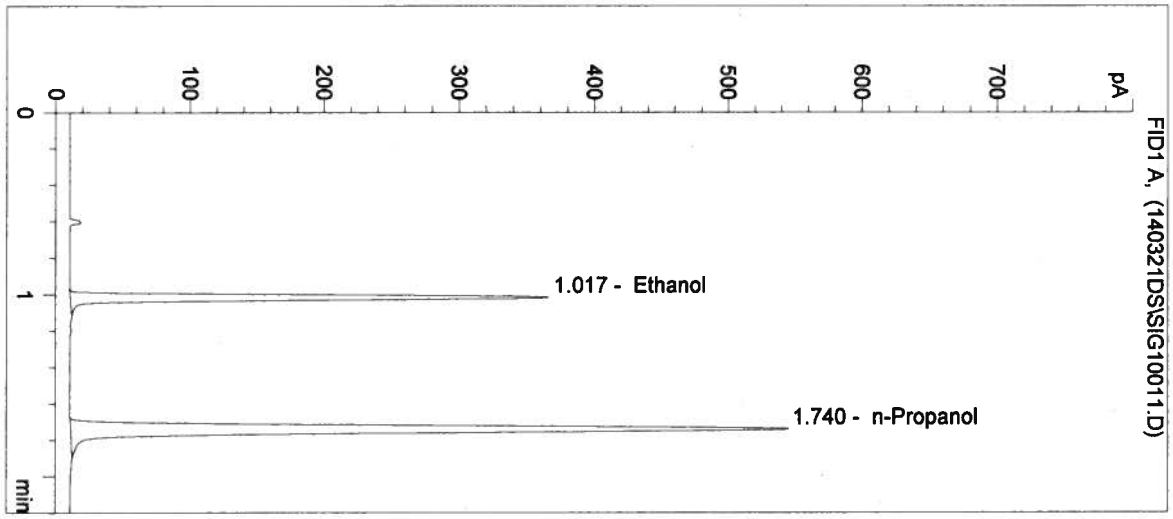
n-Propanol 0.012 g/100mL

DS

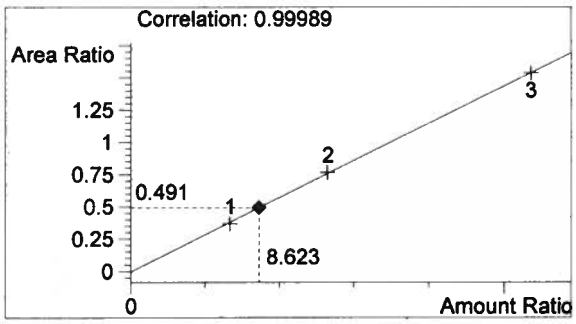
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2014 11:36:55 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

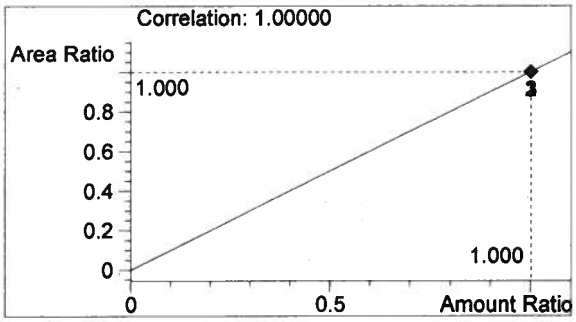
Sample Name: 14008 #2
Operator: Dawn Sklerov
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	703	1.017
2	n-Propanol	1430	1.740



Ethanol 0.103 g/100mL



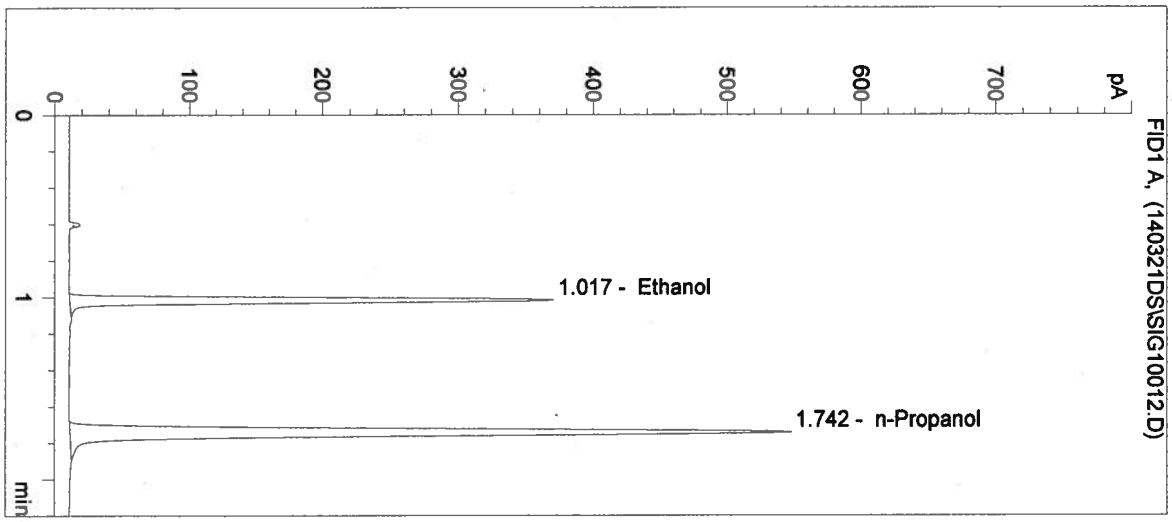
n-Propanol 0.012 g/100mL

DS

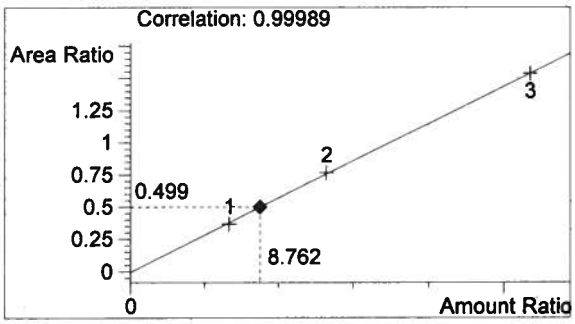
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2014 11:40:02 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

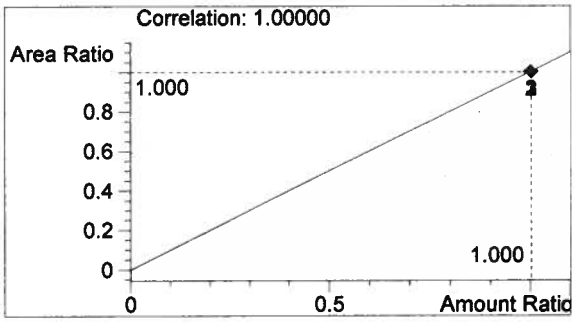
Sample Name: 14008 #3
Operator: Dawn Sklerov
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	720	1.017
2	n-Propanol	1442	1.742



Ethanol 0.105 g/100mL



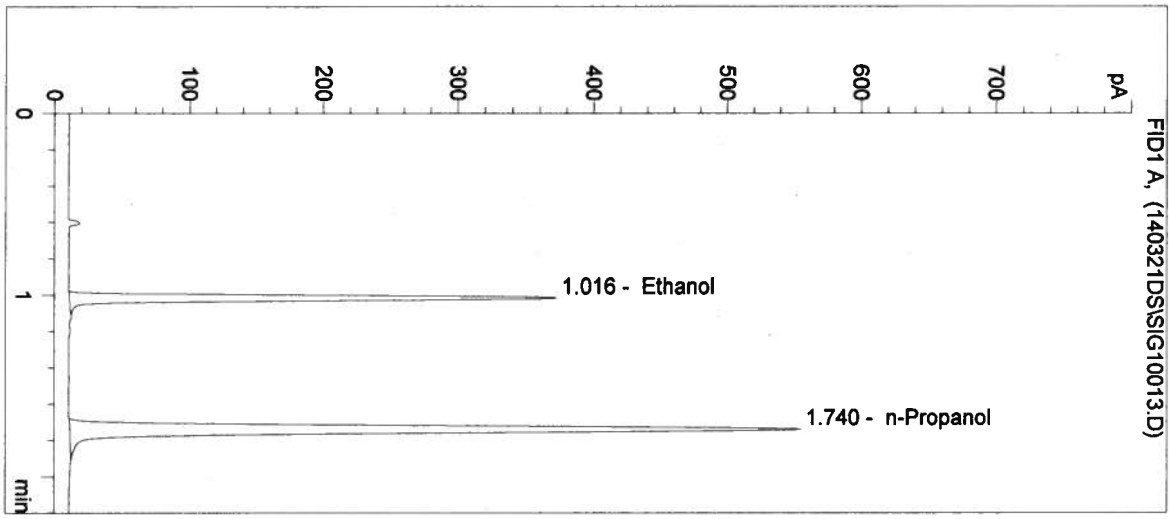
n-Propanol 0.012 g/100mL

DS

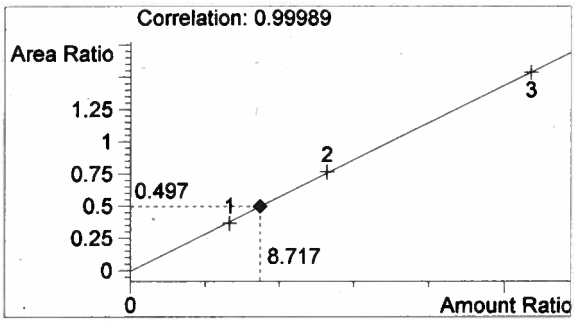
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2014 11:43:10 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

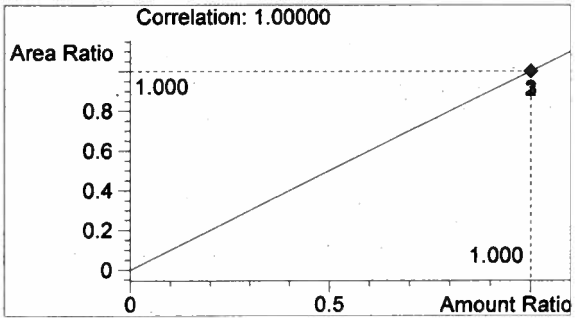
Sample Name: 14008 #4
Operator: Dawn Sklerov
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	727	1.016
2	n-Propanol	1464	1.740



Ethanol 0.105 g/100mL



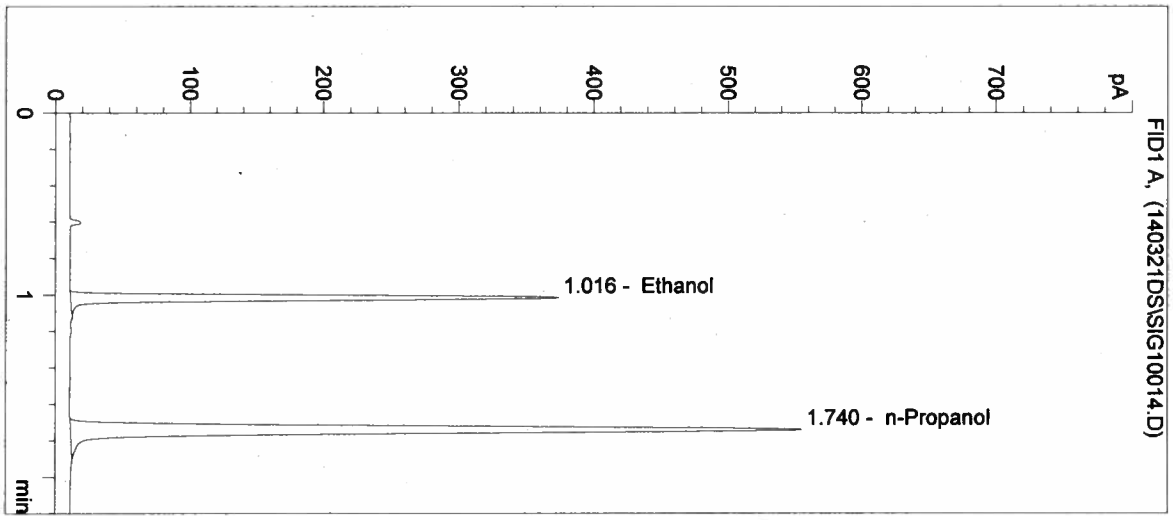
n-Propanol 0.012 g/100mL

DS

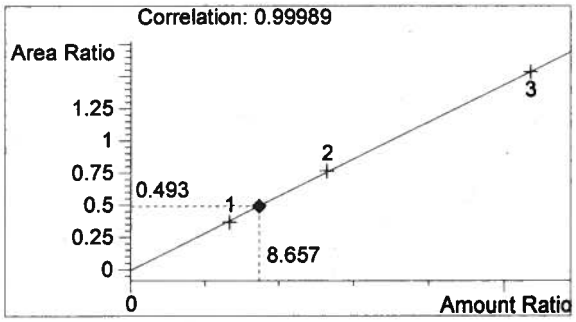
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2014 11:46:17 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

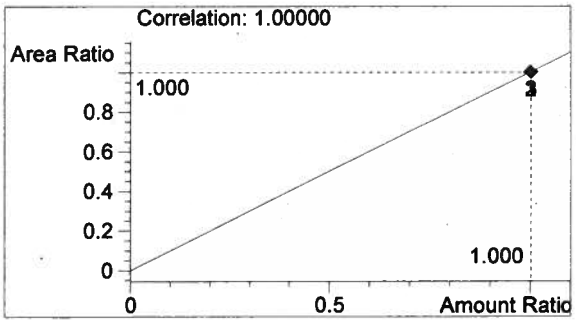
Sample Name: 14008 #5
Operator: Dawn Sklerov
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	719	1.016
2	n-Propanol	1458	1.740



Ethanol 0.104 g/100mL



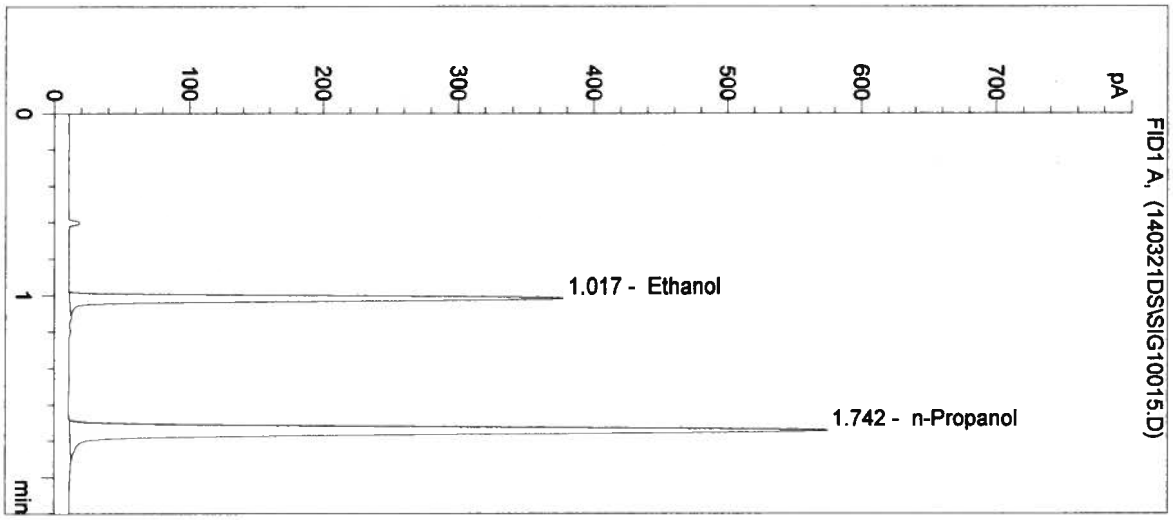
n-Propanol 0.012 g/100mL

DS

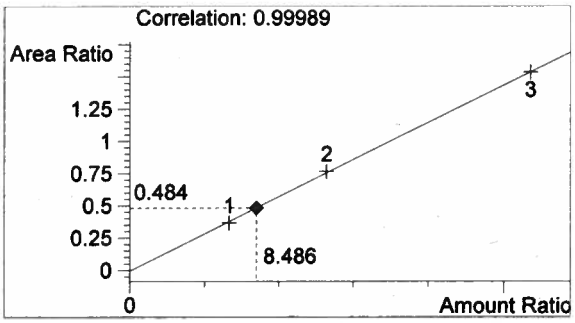
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2014 11:49:25 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

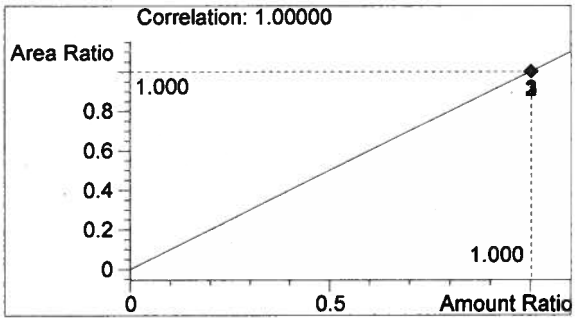


#	Compound	Peak Area	RT (min)
1	Ethanol	733	1.017
2	n-Propanol	1515	1.742



Ethanol 0.102 g/100mL

14008



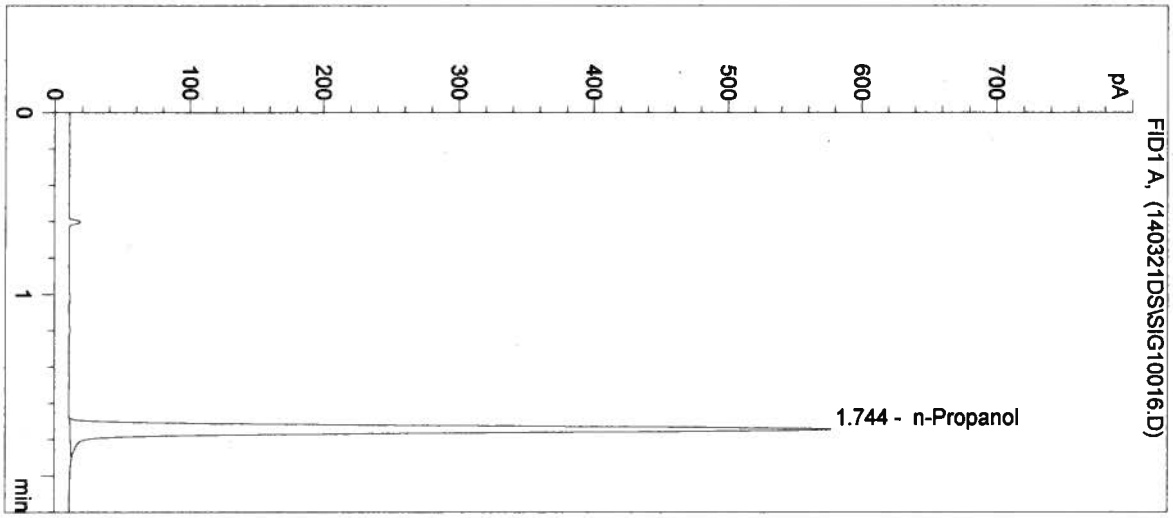
n-Propanol 0.012 g/100mL

DS

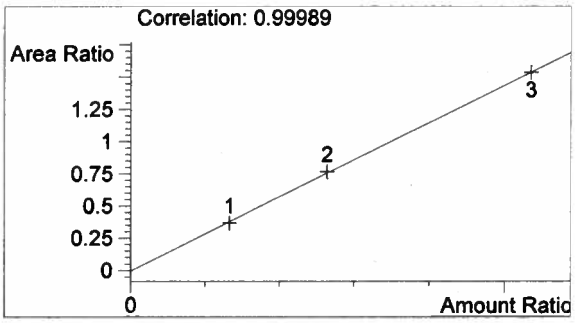
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/21/2014 11:52:32 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

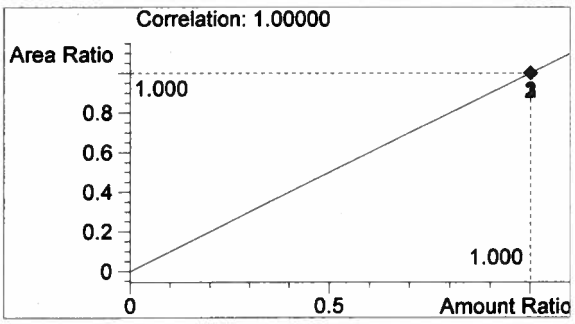


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1523	1.744



Ethanol 0.000 g/100mL

14008



n-Propanol 0.012 g/100mL

DS

Sequence: C:\HPCHEM\2\SEQUENCE\AL-ESS3.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\2\DATA\
Data Subdirectory:	140324A1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 cal 1 e1213-01 exp 06/03/2014
0.158 cal 2 e1213-02 exp 06/03/2014
0.316 cal 3 e1213-03 exp 06/03/2014
0.04 control fn120110-04 exp 12/2015
0.10 control a095230 exp 09/2017
0.20 control fn100511-01 exp 10/2016
istd 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	SIMALC3	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC3	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC3	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC3	1	Calib		
5	Vial 5	neg control - al	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 ctrl - al	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 ctrl - al	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 ctrl - al	SIMALC3	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC3	1	Ctrl Samp		
10	Vial 10	14008 #1	SIMALC3	1	Sample		
11	Vial 11	14008 #2	SIMALC3	1	Sample		
12	Vial 12	14008 #3	SIMALC3	1	Sample		
13	Vial 13	14008 #4	SIMALC3	1	Sample		
14	Vial 14	14008 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC3	1	Ctrl Samp		
16	Vial 16	neg control - al	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 cal 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 cal 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 cal 3	SIMALC3	3	Replace	Replace	

AL

Sequence: C:\HPCHEM\2\SEQUENCE\AL-ESS3.S

Sequence Table (Back Injector):

No entries - empty table!

14008

Batch
140324A1

AL

Calibration Table

Calib. Data Modified : Monday, March 24, 2014 7:32:01 AM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.017	1	1	8.00300e-2	563.03125	1.42141e-4	1		Ethanol
		2	1.58560e-1	1133.97168	1.39827e-4			
		3	3.21220e-1	2281.40576	1.40799e-4			
1.743	1	1	1.20000e-2	1480.15894	8.10724e-6	I1		n-Propanol
		2	1.20000e-2	1498.34424	8.00884e-6			
		3	1.20000e-2	1513.35034	7.92943e-6			

Peak Sum Table

14008

No Entries in table

Batch 140324A1
AL

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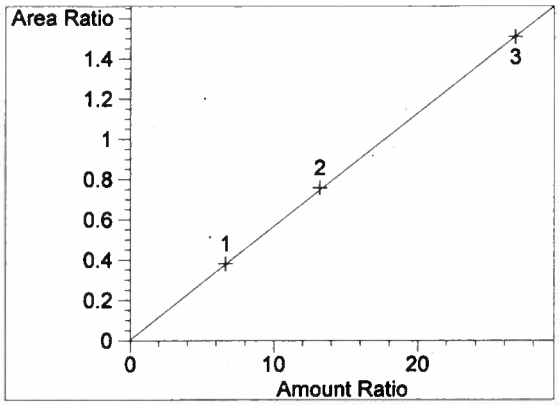
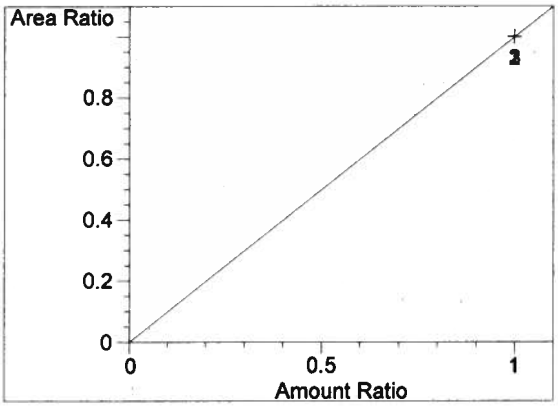
Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99996
Residual Std. Dev.: 0.00733
Formula: y = mx + b
m: 5.63063e-2
b: 4.49630e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.743
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

==========

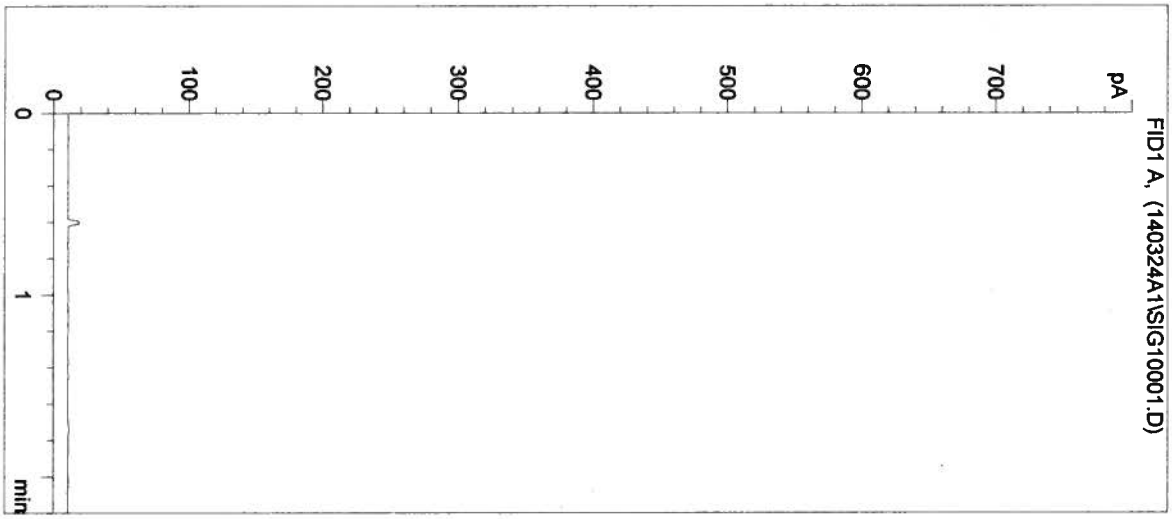
14008

Batch 140324 A1

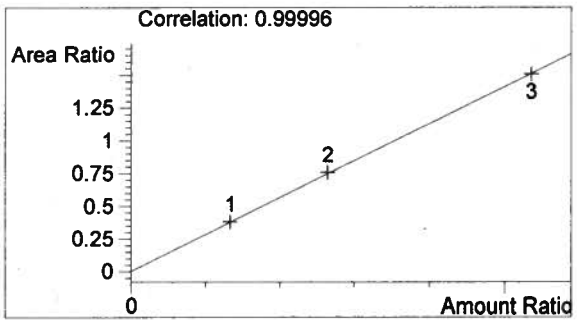
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 7:20:27 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

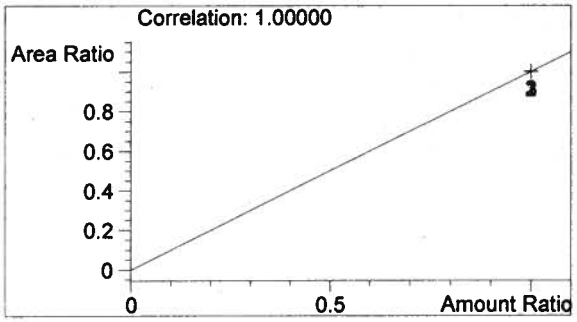
Sample Name: blank
Operator: asa louis
Location: Vial 1



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



Ethanol 0.000 g/100mL



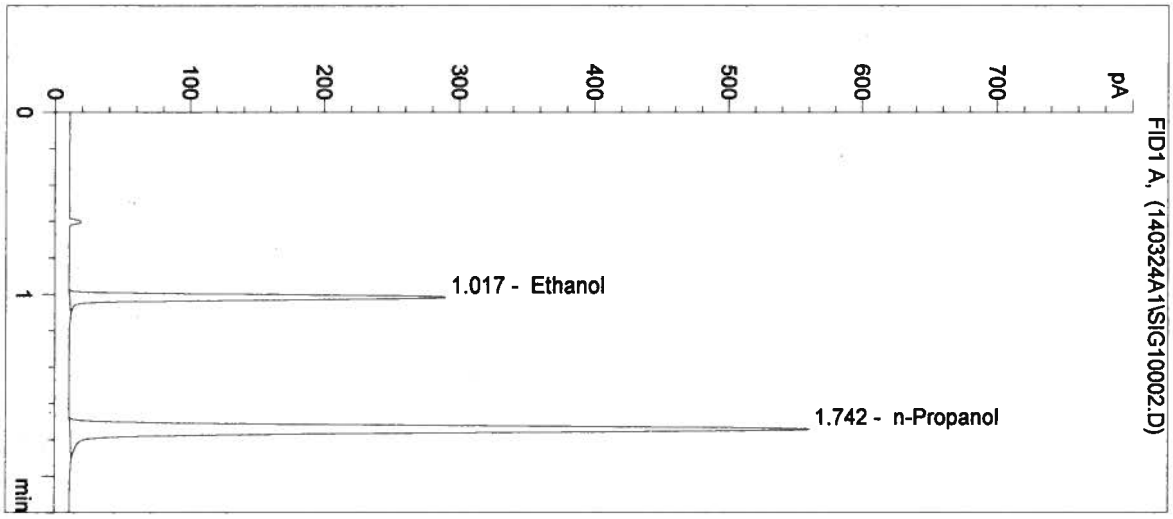
n-Propanol 0.000 g/100mL

14008

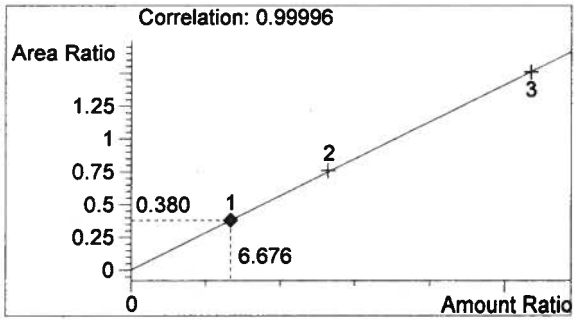
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 7:23:34 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

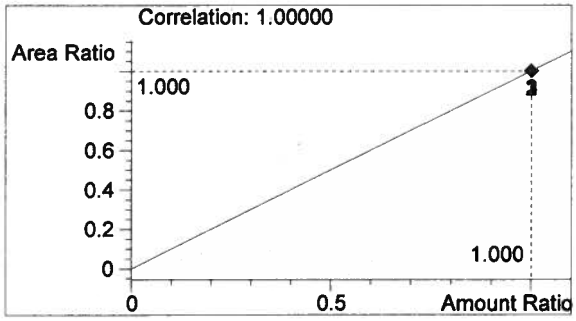
Sample Name: 0.079 cal 1
Operator: asa louis
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	563	1.017
2	n-Propanol	1480	1.742



Ethanol 0.080 g/100mL



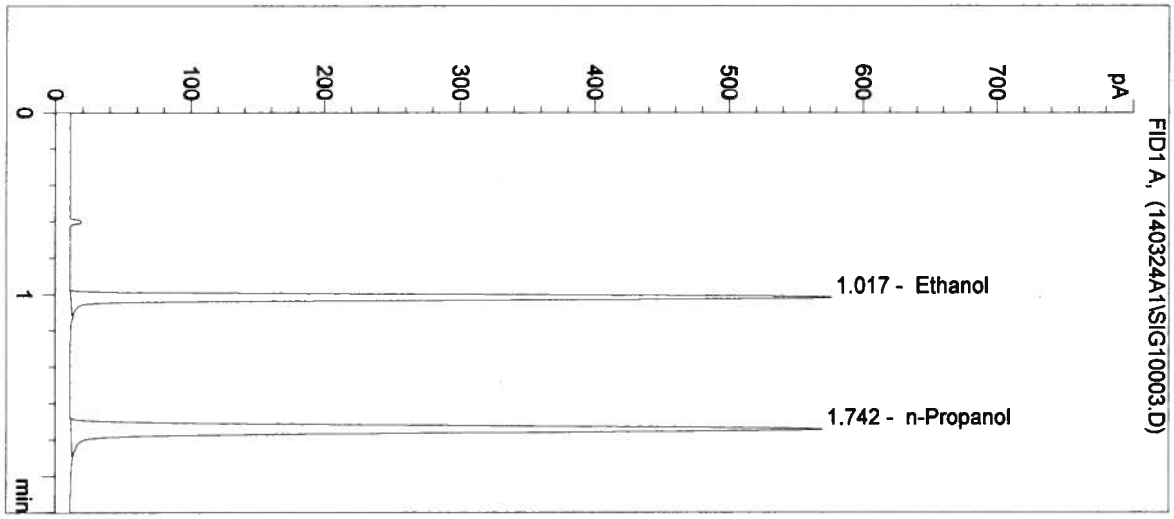
n-Propanol 0.012 g/100mL

14008

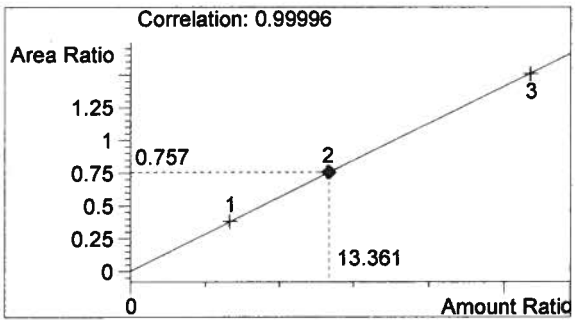
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 7:26:41 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

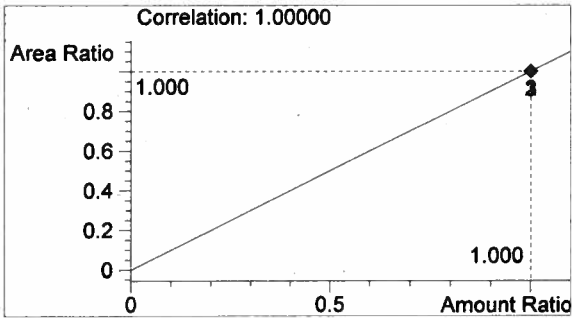
Sample Name: 0.158 cal 2
Operator: asa louis
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1134	1.017
2	n-Propanol	1498	1.742



Ethanol 0.160 g/100mL



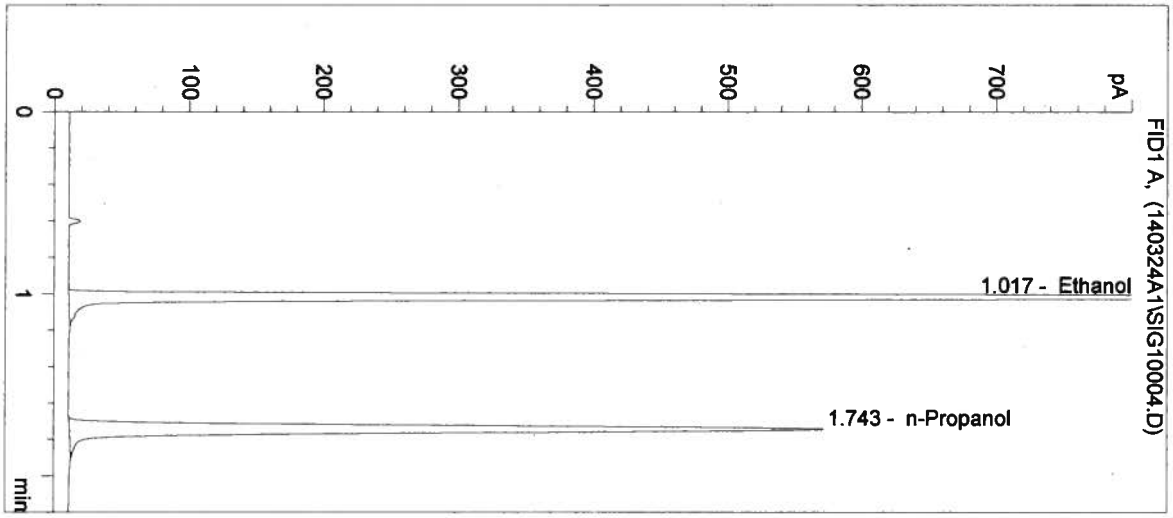
n-Propanol 0.012 g/100mL

14008

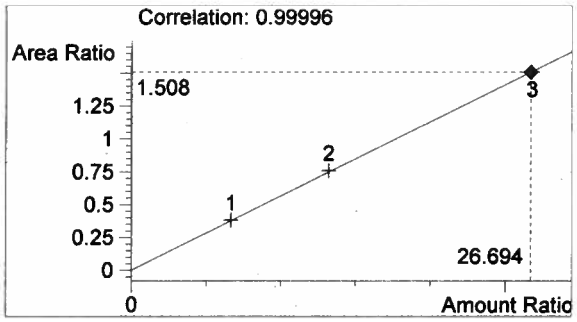
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 7:29:49 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

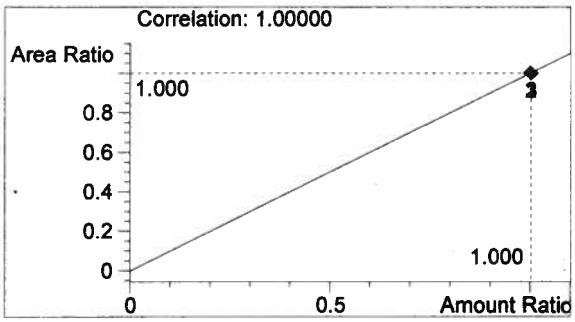
Sample Name: 0.316 cal 3
Operator: asa louis
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2281	1.017
2	n-Propanol	1513	1.743



Ethanol 0.320 g/100mL



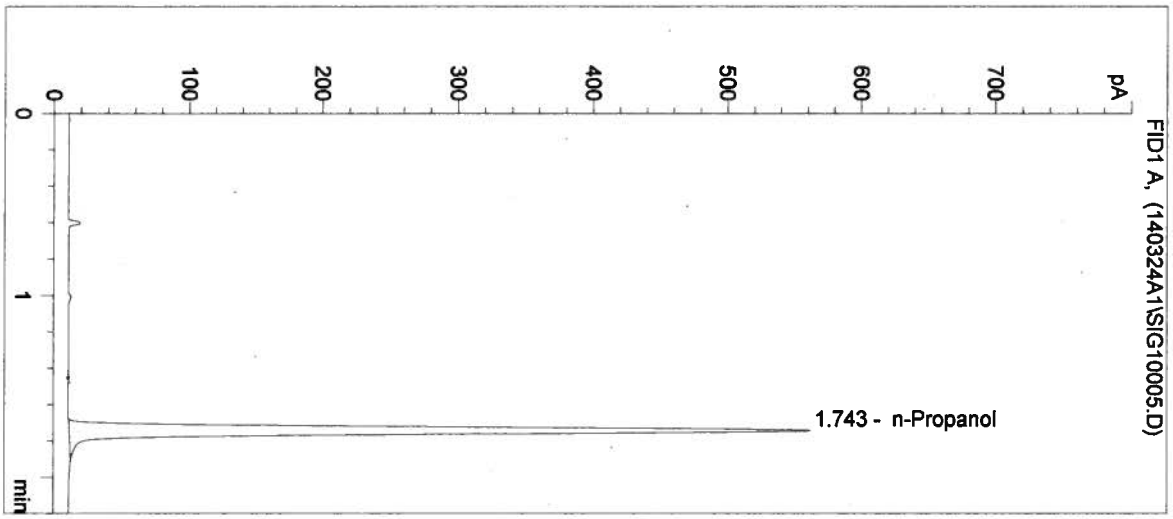
n-Propanol 0.012 g/100mL

14008

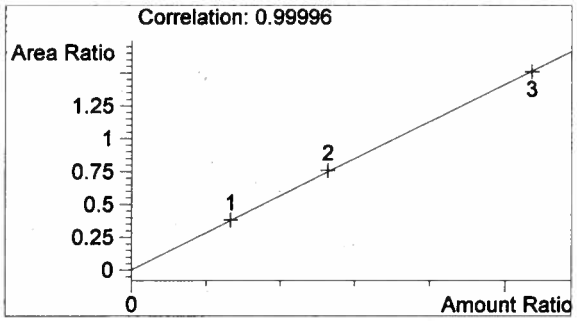
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 7:32:56 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

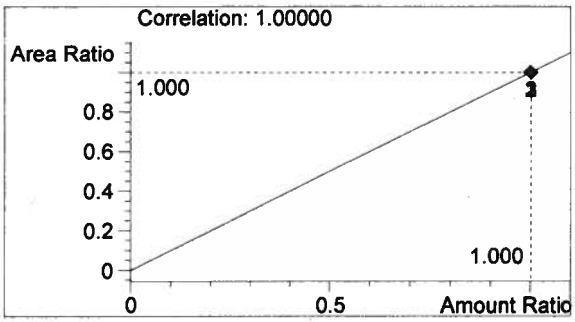
Sample Name: neg control - al
Operator: asa louis
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1476	1.743



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

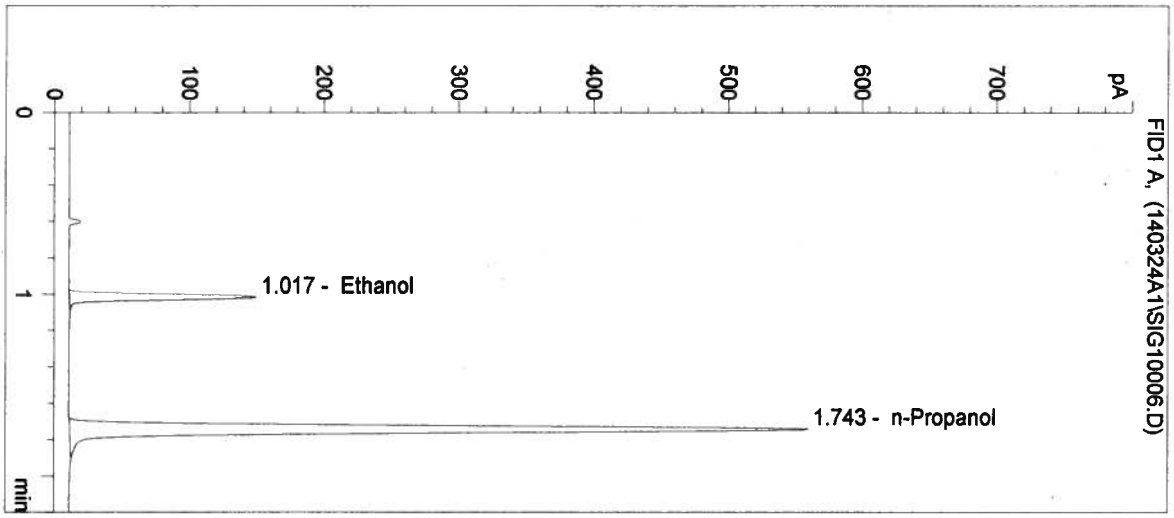
14008

Data File: C:\HPCHEM\2\DATA\140324A1\SIG10005.D

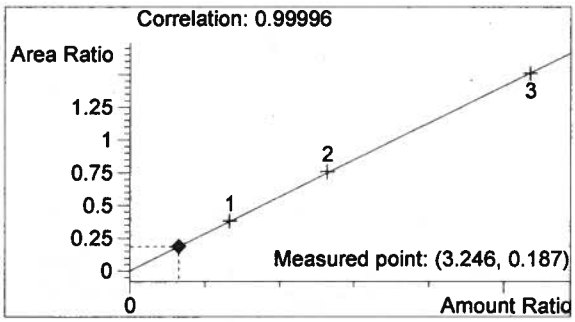
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 7:36:04 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

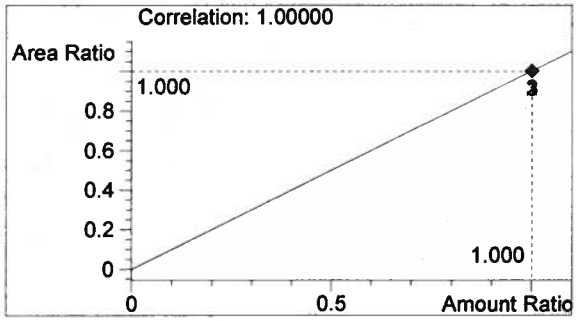
Sample Name: 0.04 ctrl - al
Operator: asa louis
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	277	1.017
2	n-Propanol	1478	1.743



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

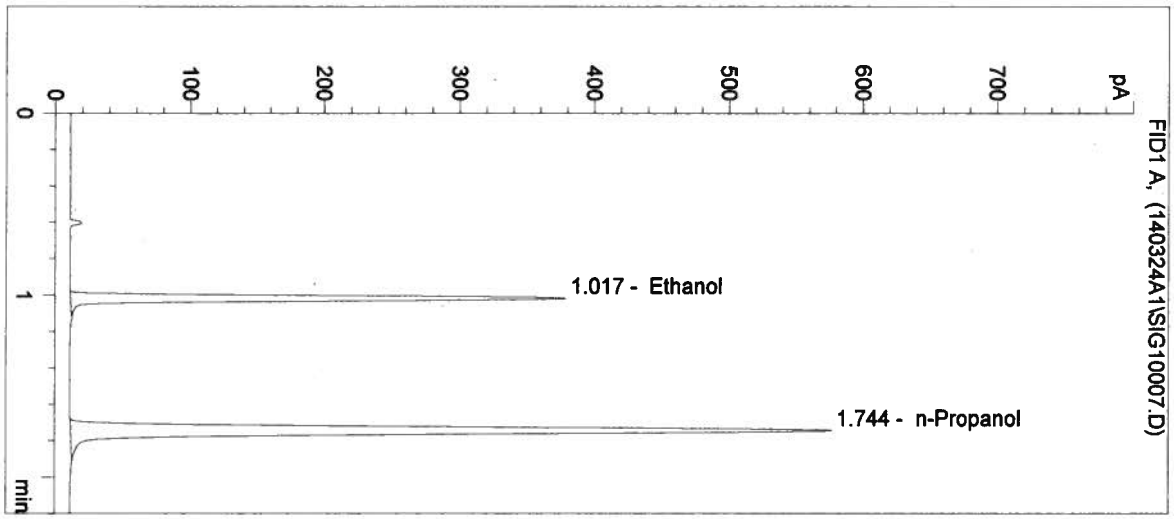
14008

Data File: C:\HPCHEM\2\DATA\140324A1\SIG10006.D

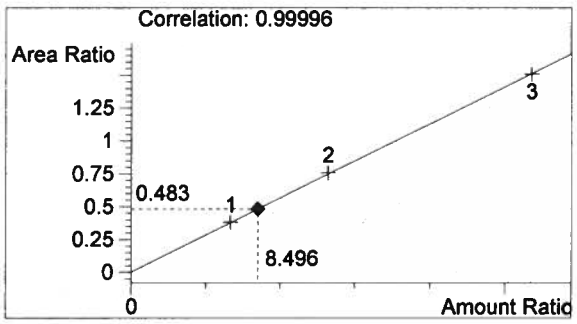
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 7:39:11 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

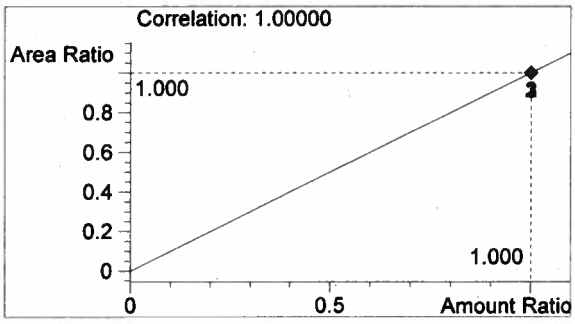
Sample Name: 0.10 ctrl - al
Operator: asa louis
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	733	1.017
2	n-Propanol	1518	1.744



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

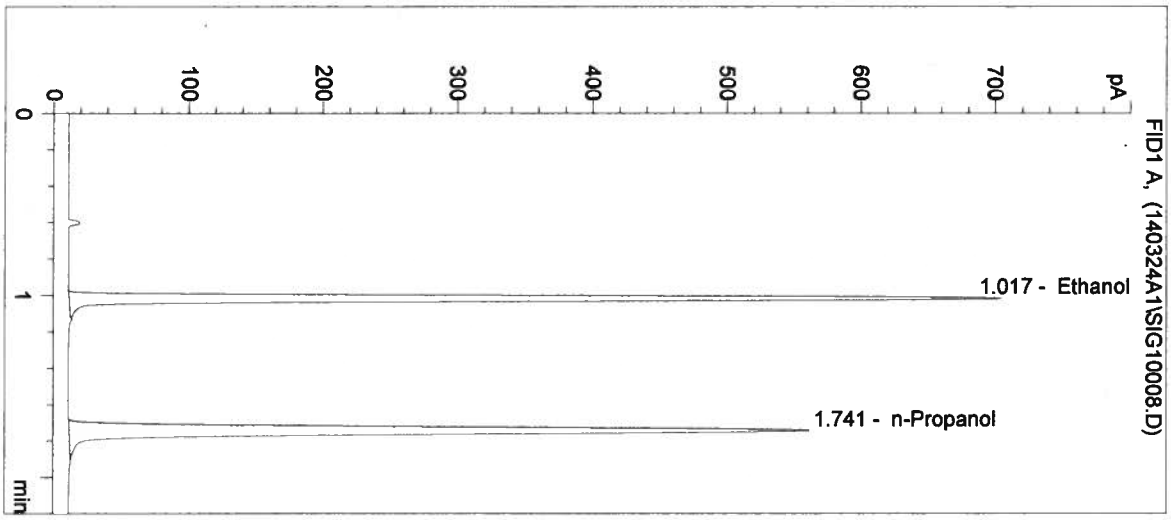
14008

Data File: C:\HPCHEM\2\DATA\140324A1\SIG10007.D

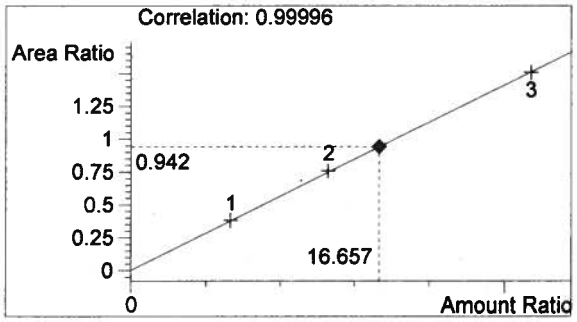
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 7:42:18 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

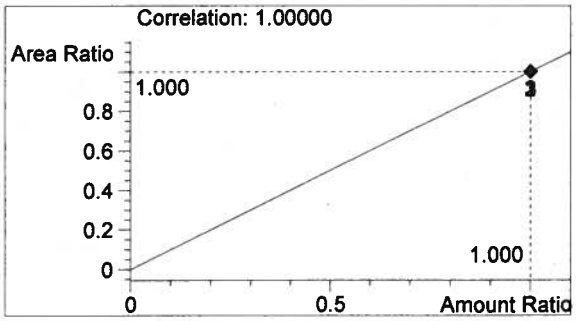
Sample Name: 0.20 ctrl - al
Operator: asa louis
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1396	1.017
2	n-Propanol	1481	1.741



Ethanol 0.200 g/100mL



n-Propanol 0.012 g/100mL

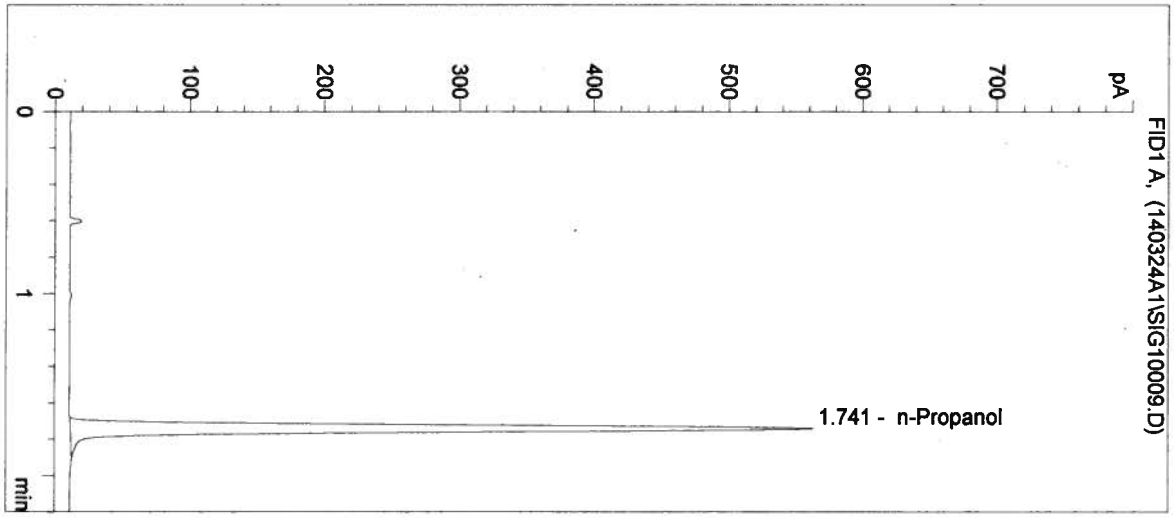
14008

al

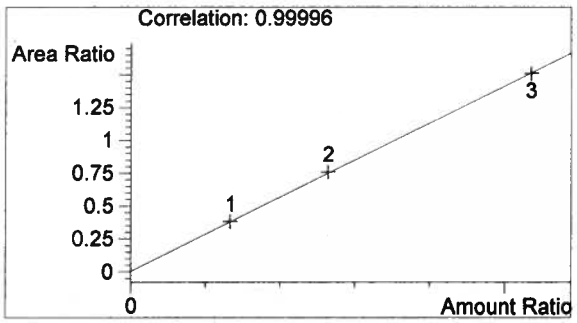
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 7:45:26 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

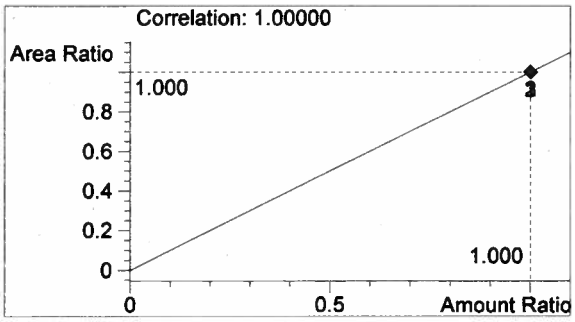
Sample Name: neg control - al
Operator: asa louis
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1491	1.741



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

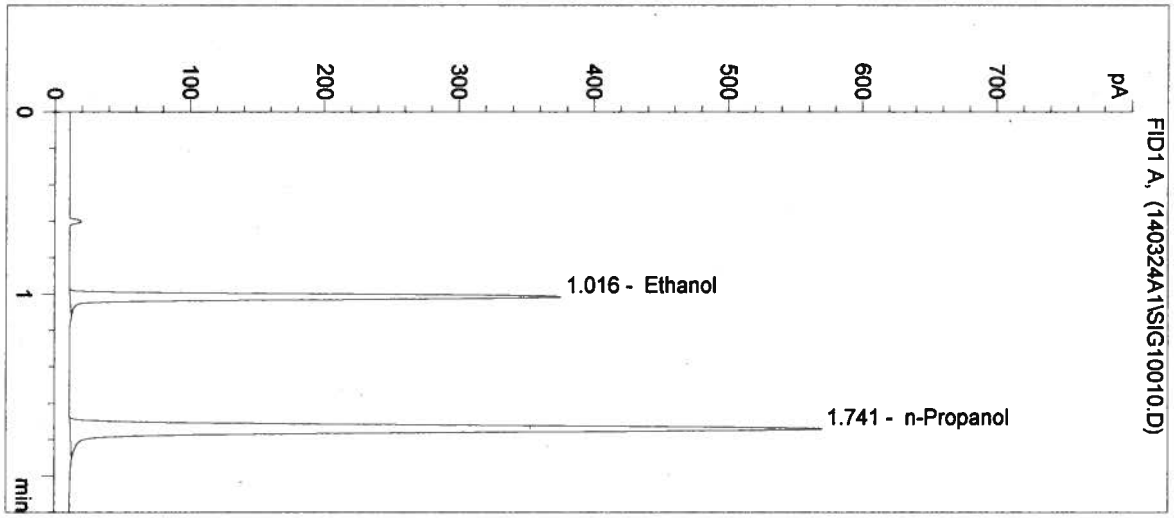
14008

Data File: C:\HPCHEM\2\DATA\140324A1\SIG10009.D

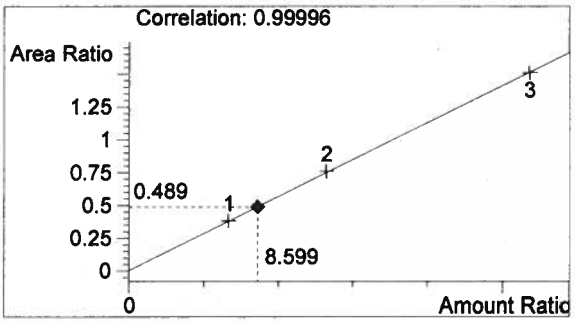
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 7:48:33 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

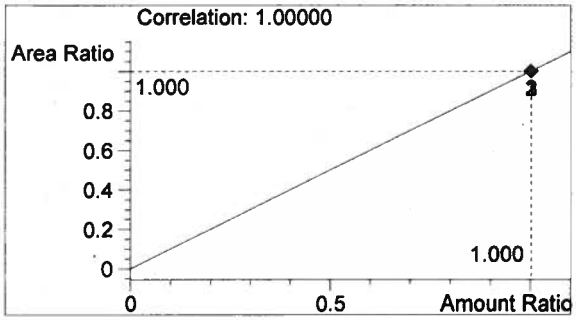
Sample Name: 14008 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	736	1.016
2	n-Propanol	1505	1.741



Ethanol 0.103 g/100mL



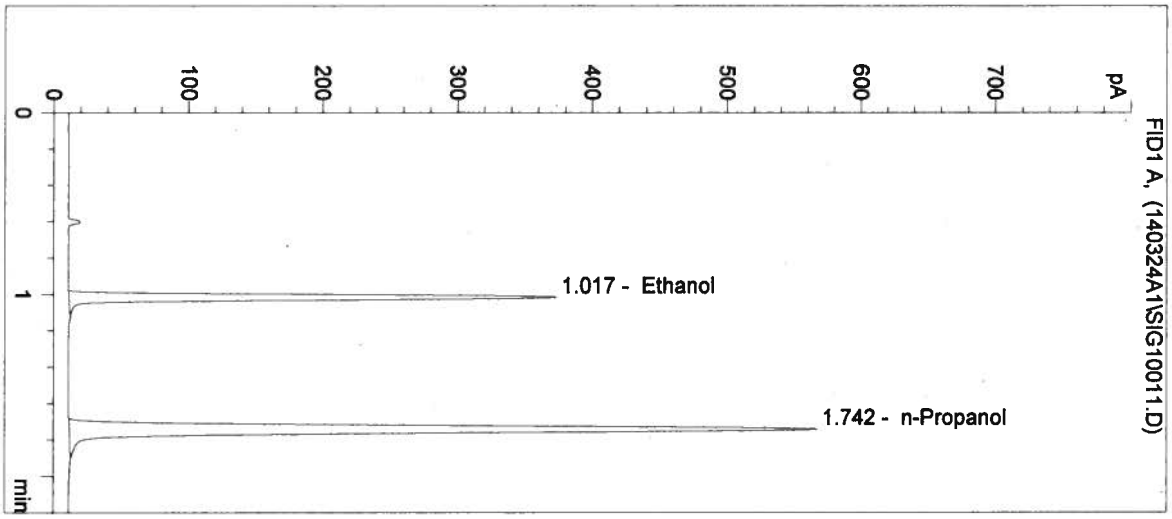
n-Propanol 0.012 g/100mL

AL

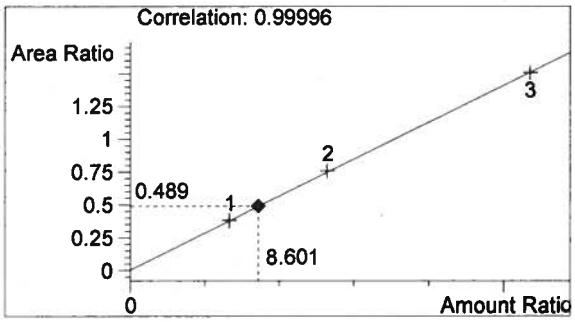
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 7:51:41 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

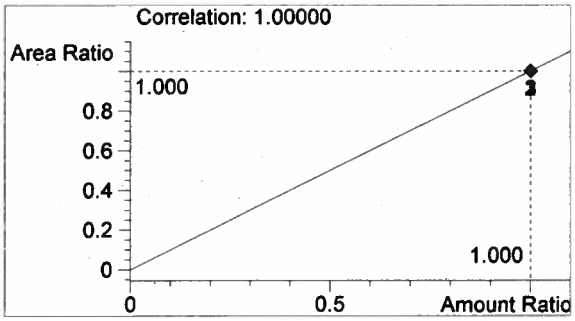
Sample Name: 14008 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	732	1.017
2	n-Propanol	1498	1.742



Ethanol 0.103 g/100mL

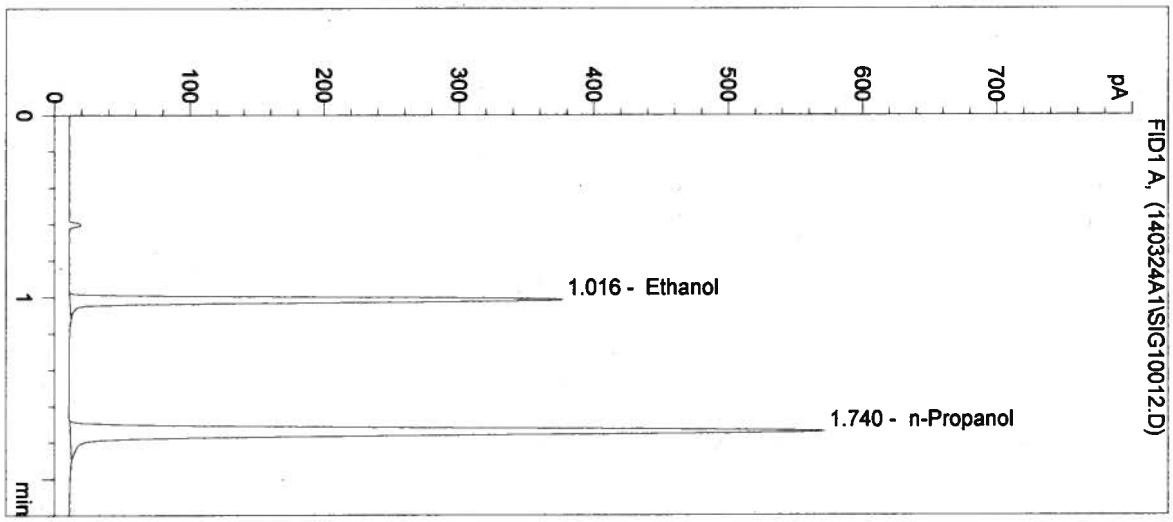


n-Propanol 0.012 g/100mL

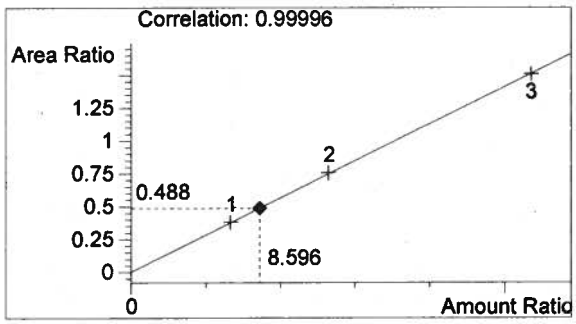
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 7:54:48 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

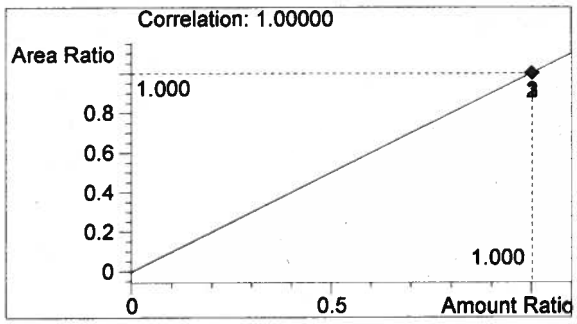
Sample Name: 14008 #3
Operator: asa louis
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	738	1.016
2	n-Propanol	1510	1.740



Ethanol 0.103 g/100mL



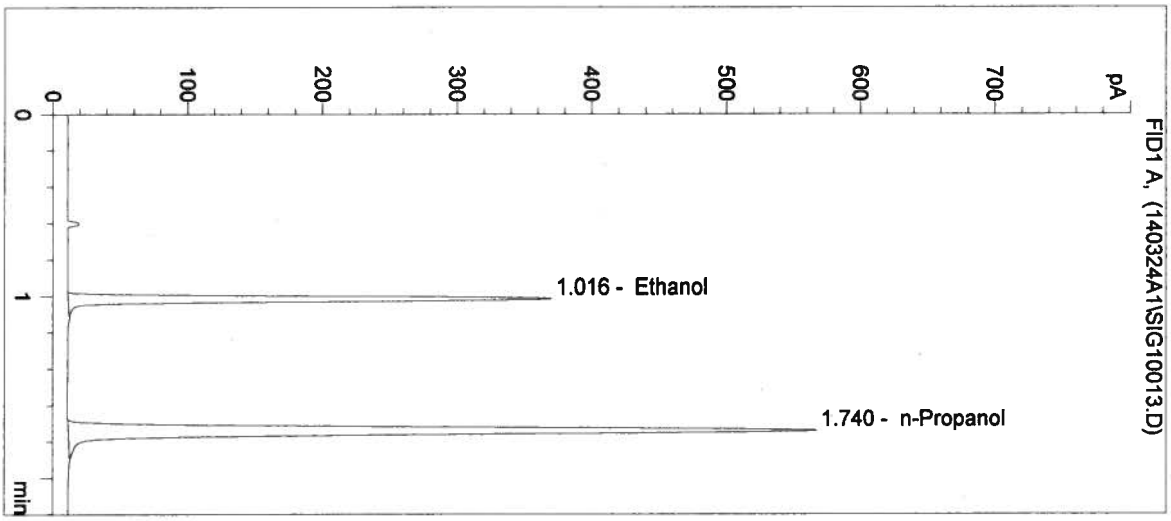
n-Propanol 0.012 g/100mL

AL

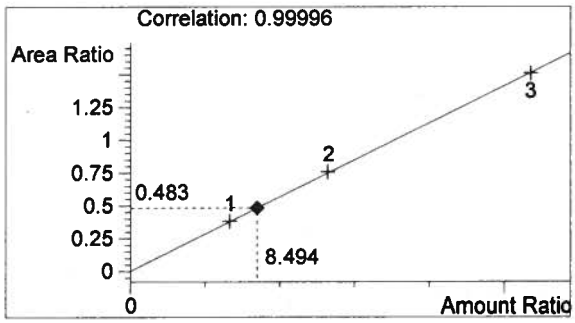
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 7:57:56 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

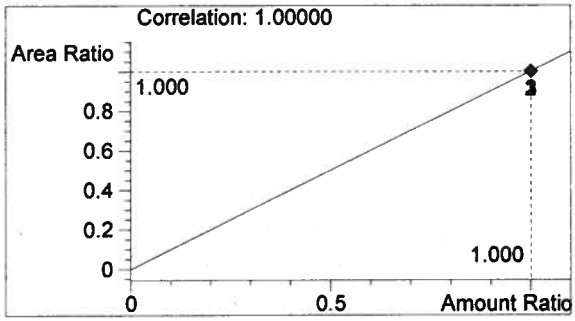
Sample Name: 14008 #4
Operator: asa louis
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	721	1.016
2	n-Propanol	1494	1.740



Ethanol 0.102 g/100mL

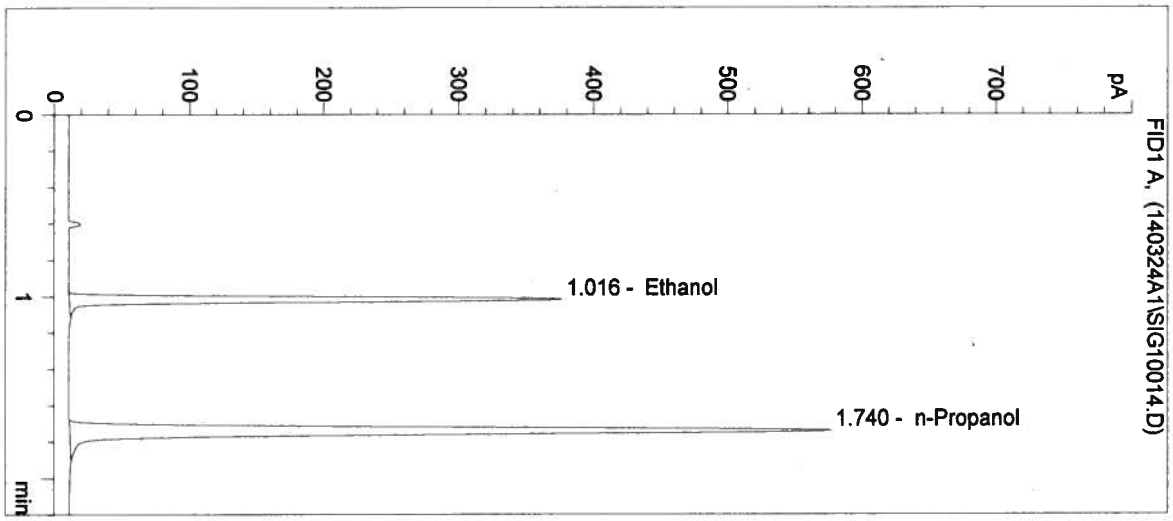


n-Propanol 0.012 g/100mL

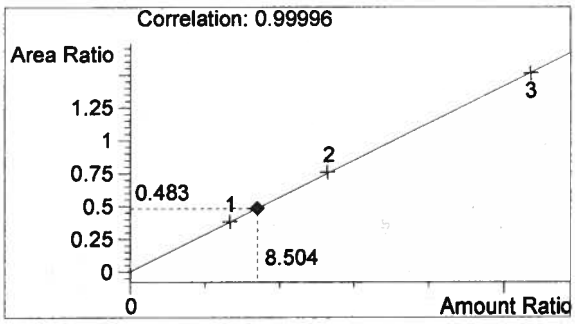
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 8:01:03 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

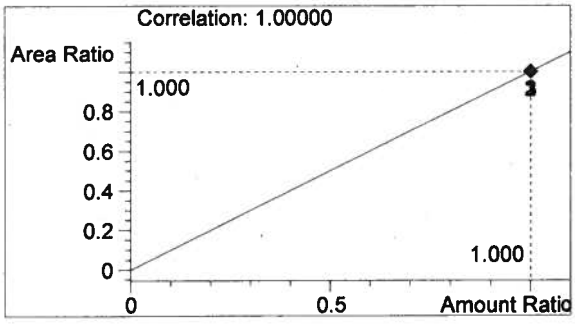
Sample Name: 14008 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	736	1.016
2	n-Propanol	1522	1.740



Ethanol 0.102 g/100mL

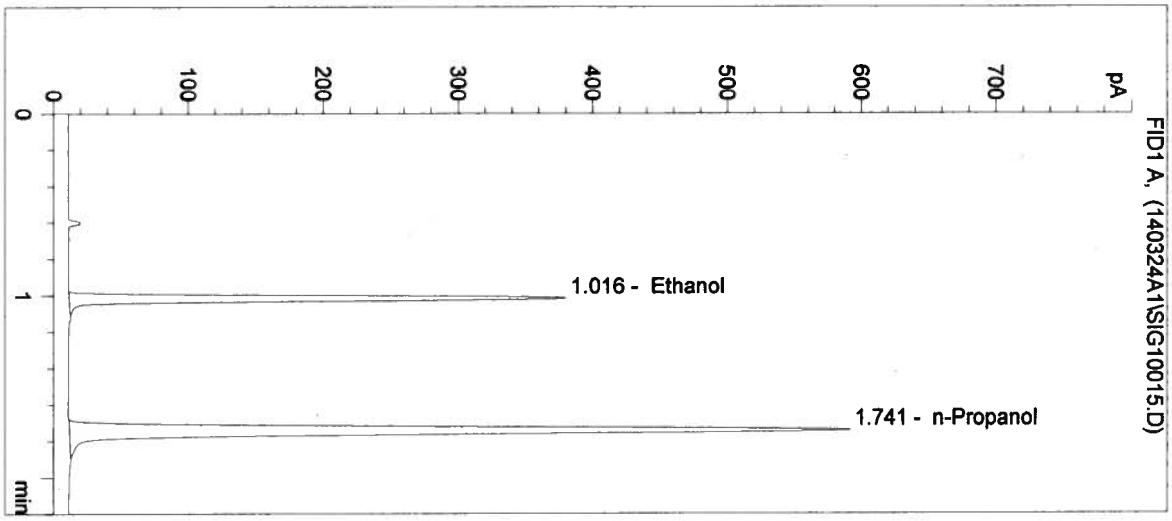


n-Propanol 0.012 g/100mL

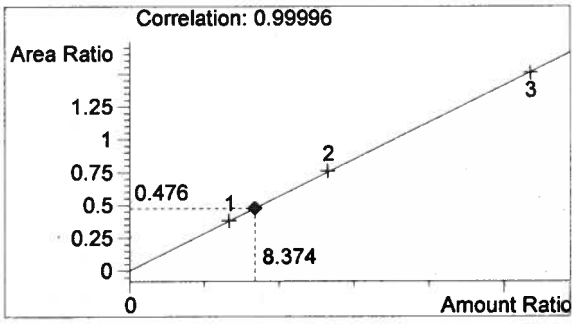
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 8:04:11 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

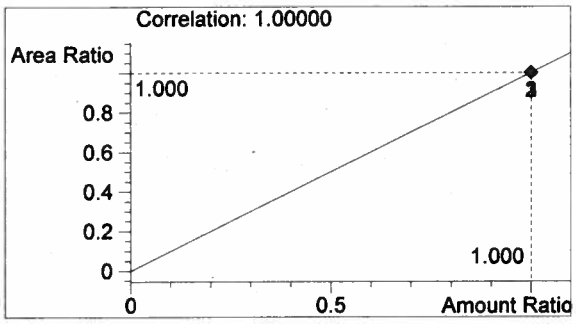
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	743	1.016
2	n-Propanol	1560	1.741



Ethanol 0.100 g/100mL



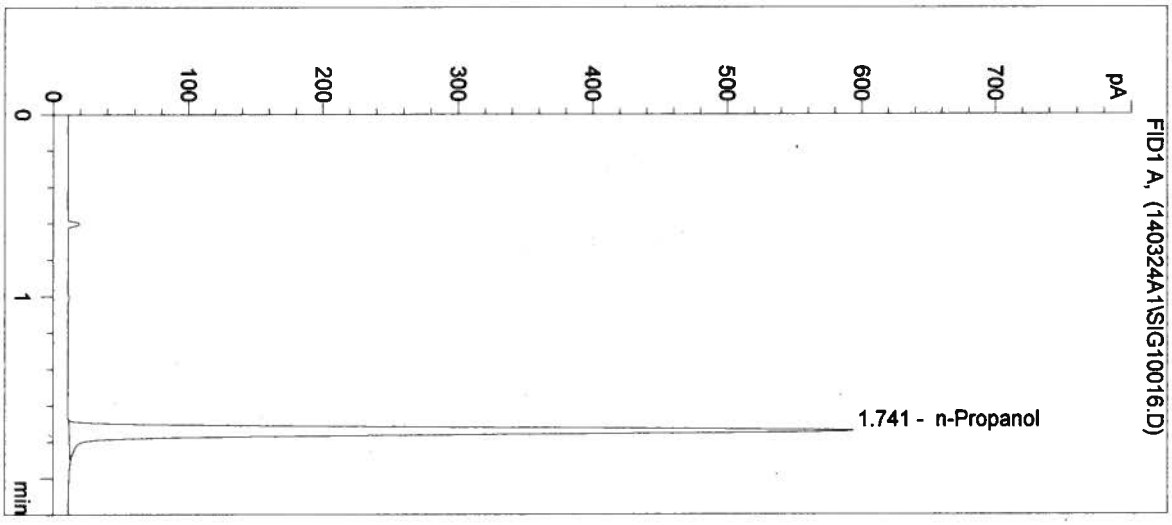
n-Propanol 0.012 g/100mL

14008

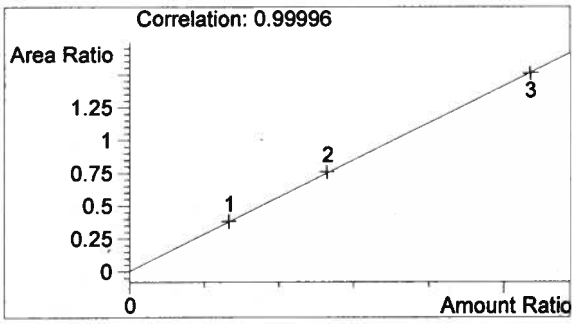
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 8:07:18 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

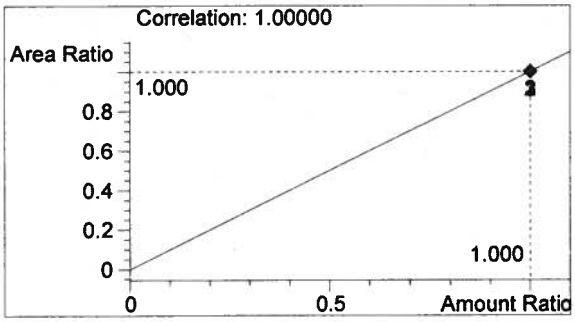


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1572	1.741



Ethanol 0.000 g/100mL

14008



n-Propanol 0.012 g/100mL

Sequence: C:\HPCHEM\2\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\2\DATA\
Data Subdirectory:	140324LL
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1 (0.079 g/100mL) - Lot#E1213-01 - Exp 6/03/14
Cal 2 (0.158 g/100mL) - Lot#E1213-02 - Exp 6/03/14
Cal 3 (0.316 g/100mL) - Lot#E1213-03 - Exp 6/03/14

CTRL 1 (0.04 g/100mL) - Lot#FN120110-04 - Exp 12/2015
CTRL 2 (0.10 g/100mL) - Lot#A095230 - Exp 09/2017
CTRL 3 (0.20 g/100mL) - Lot#FN100511-01 - Exp 10/2016

n-Propanol 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	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	14008 #1	SIMALC3	1	Sample		
11	Vial 11	14008 #2	SIMALC3	1	Sample		
12	Vial 12	14008 #3	SIMALC3	1	Sample		
13	Vial 13	14008 #4	SIMALC3	1	Sample		
14	Vial 14	14008 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace	Replace	

Sequence: C:\HPCHEM\2\SEQUENCE\LLESS.S

Sequence Table (Back Injector):

No entries - empty table!

14008

Calibration Table

Calib. Data Modified : Monday, March 24, 2014 3:50:22 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
1.018	1	1	8.00300e-2	574.64960	1.39267e-4	1		Ethanol
		2	1.58560e-1	1119.72400	1.41606e-4			
		3	3.21220e-1	2271.60791	1.41406e-4			
1.741	1	1	1.20000e-2	1495.24072	8.02546e-6	I1		n-Propanol
		2	1.20000e-2	1481.97852	8.09728e-6			
		3	1.20000e-2	1480.73755	8.10407e-6			

14008

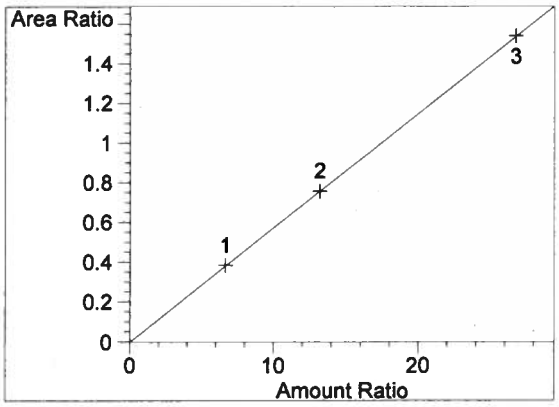
Peak Sum Table

No Entries in table

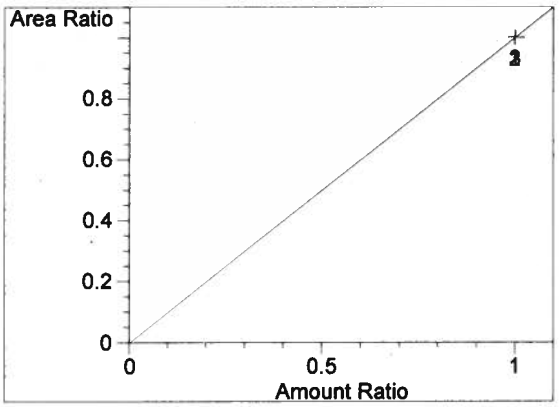
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.018
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00185
Formula: y = mx + b
m: 5.72769e-2
b: 4.92866e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.741
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

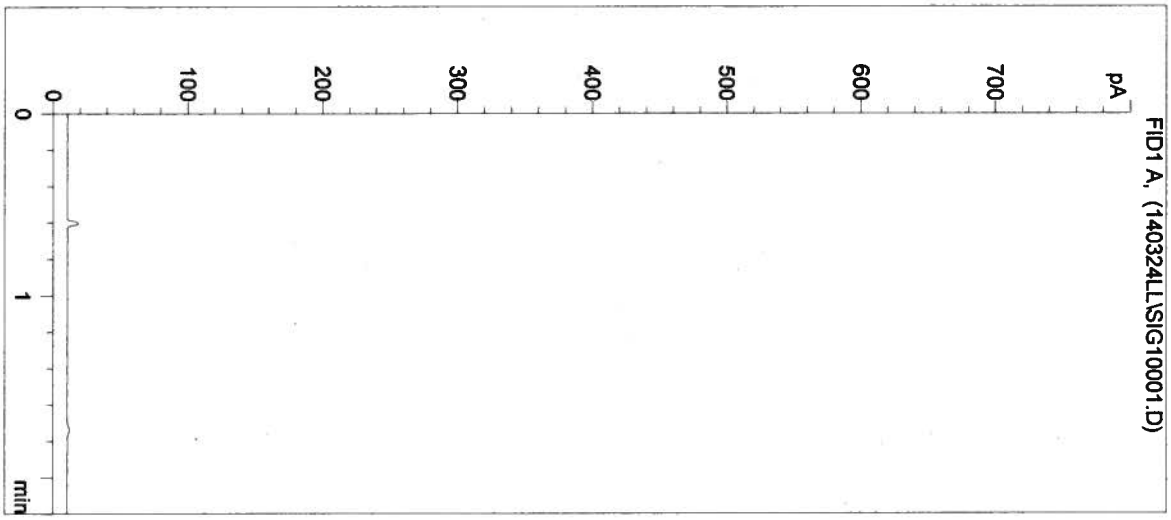
==========

14008

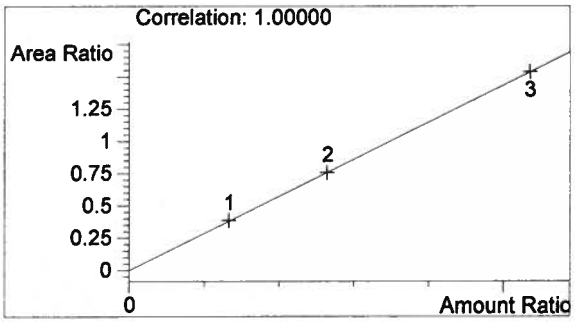
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 3:38:47 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

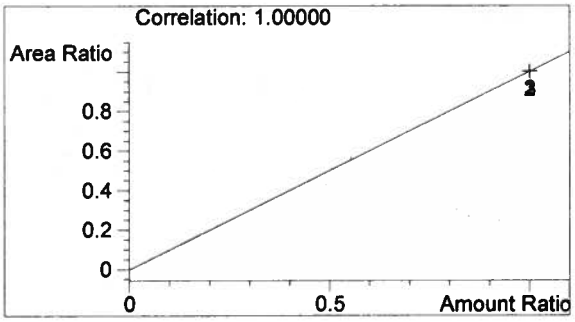


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14008

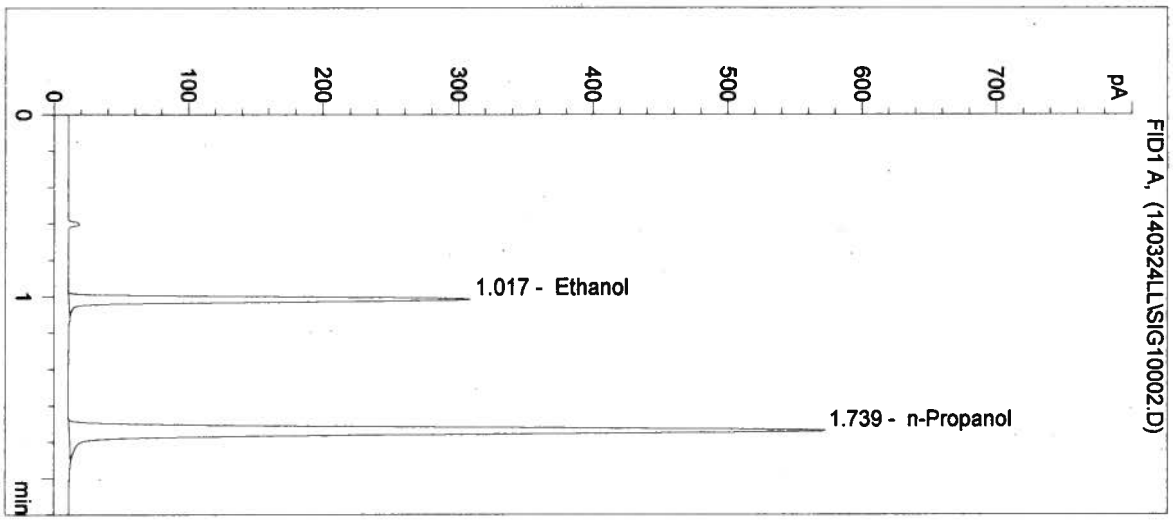


n-Propanol 0.000 g/100mL

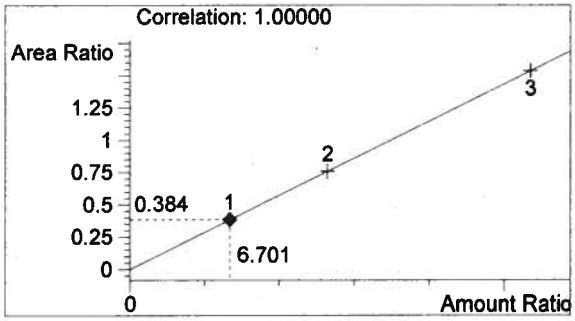
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 3:41:55 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

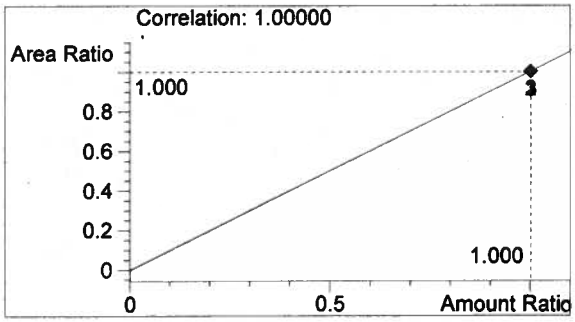


#	Compound	Peak Area	RT (min)
1	Ethanol	575	1.017
2	n-Propanol	1495	1.739



Ethanol 0.080 g/100mL

14008

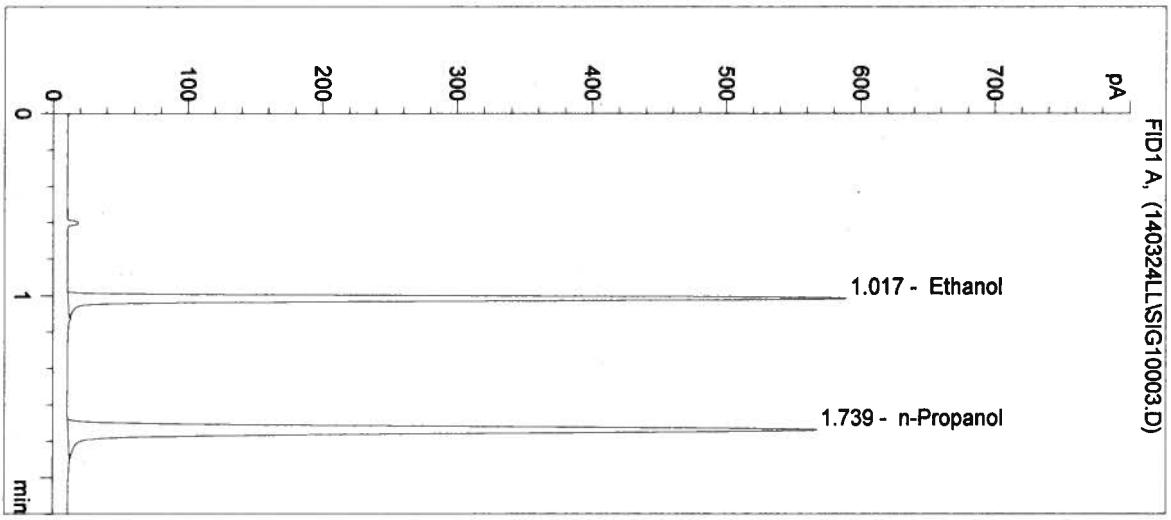


n-Propanol 0.012 g/100mL

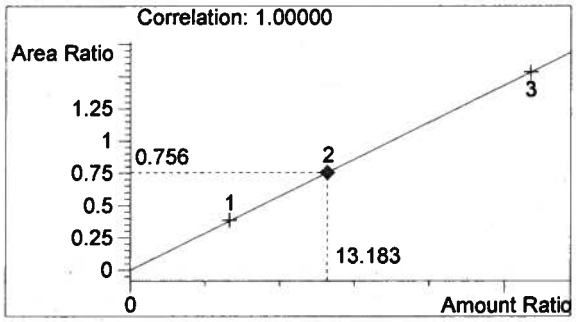
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 3:45:02 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

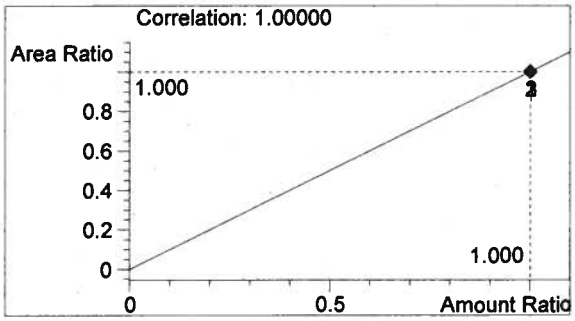
Sample Name: 0.158 CAL 2
Operator: Lyndsey Lowe
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1120	1.017
2	n-Propanol	1482	1.739



Ethanol 0.158 g/100mL



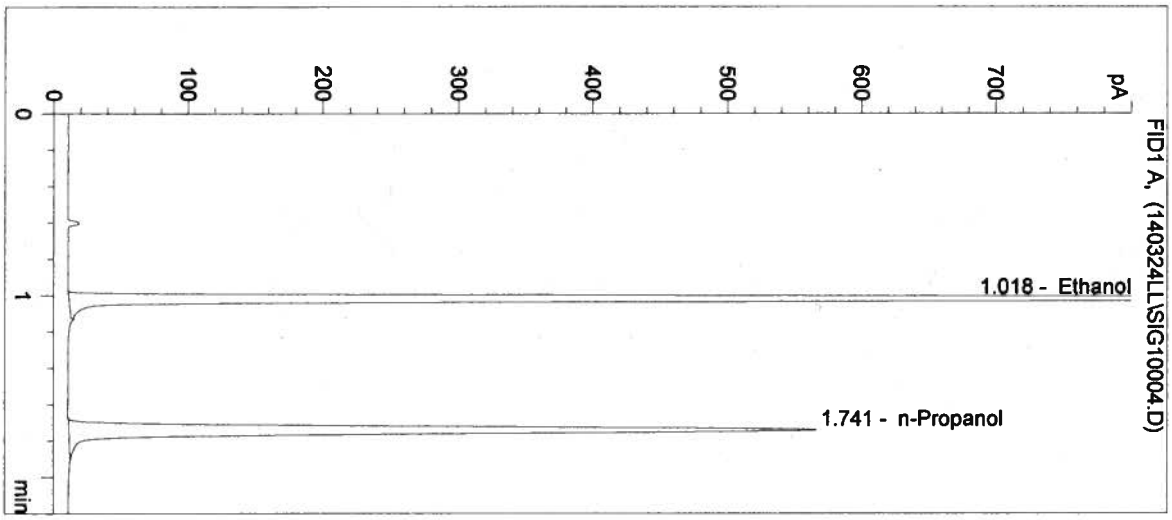
n-Propanol 0.012 g/100mL

14008

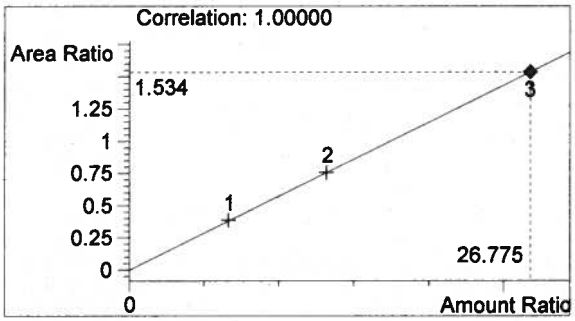
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 3:48:10 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

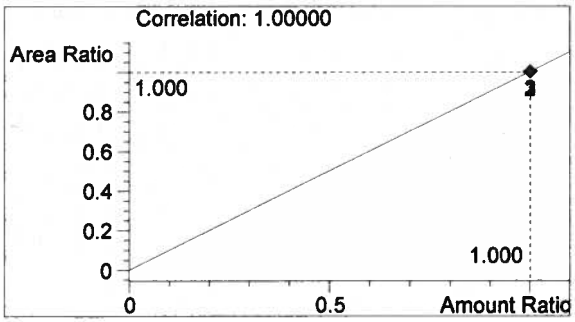
Sample Name: 0.316 CAL 3
Operator: Lyndsey Lowe
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2272	1.018
2	n-Propanol	1481	1.741



Ethanol 0.321 g/100mL



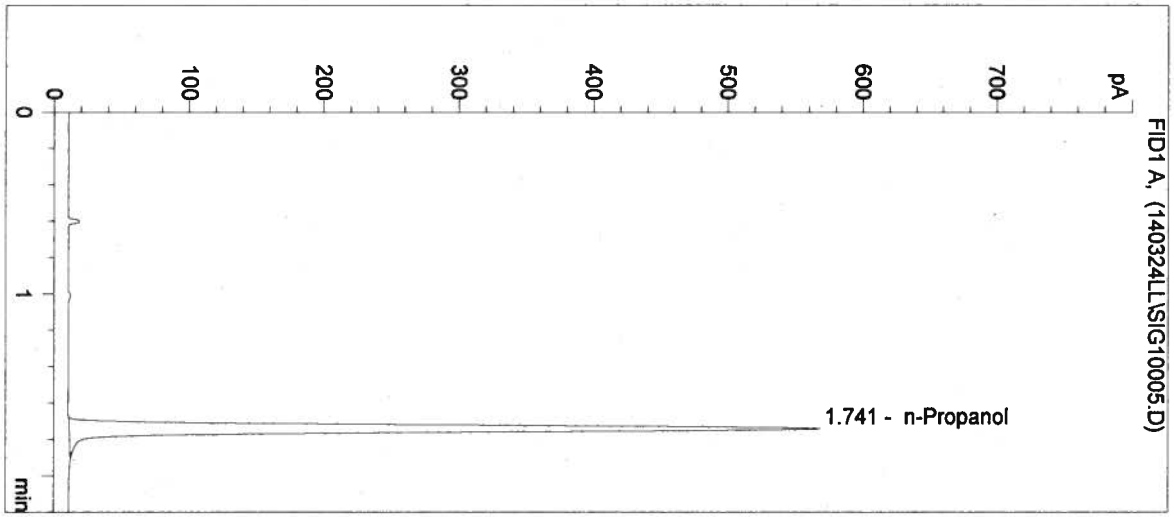
n-Propanol 0.012 g/100mL

14008

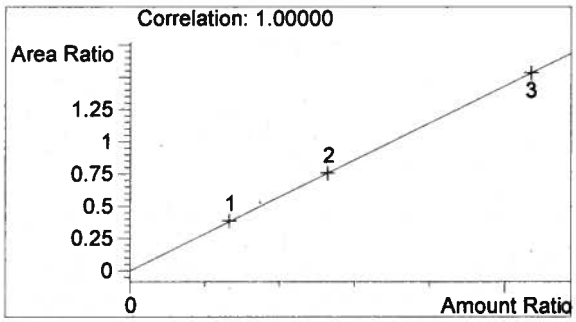
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 3:51:17 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL
Operator: Lyndsey Lowe
Location: Vial 5

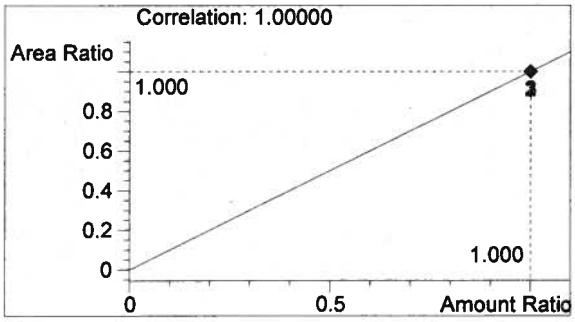


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1487	1.741



Ethanol 0.000 g/100mL

14008

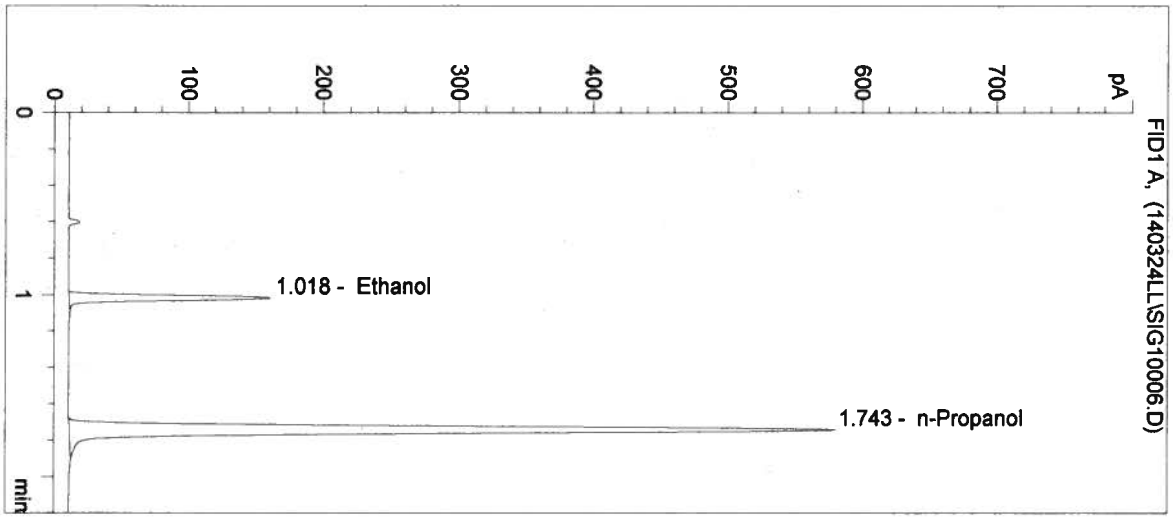


n-Propanol 0.012 g/100mL

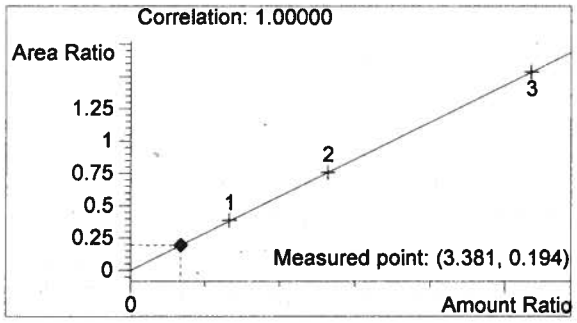
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 3:54:24 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

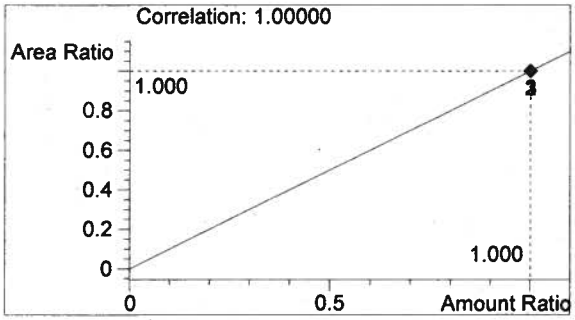
Sample Name: 0.04 CTRL
Operator: Lyndsey Lowe
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	294	1.018
2	n-Propanol	1513	1.743



Ethanol 0.041 g/100mL



n-Propanol 0.012 g/100mL

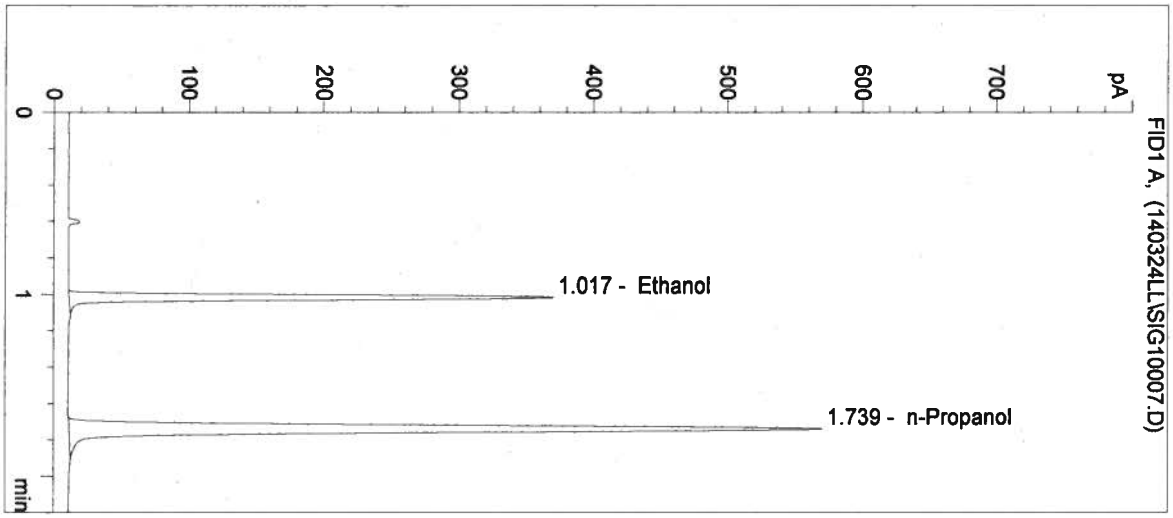
14008

Data File: C:\HPCHEM\2\DATA\140324LL\SIG10006.D

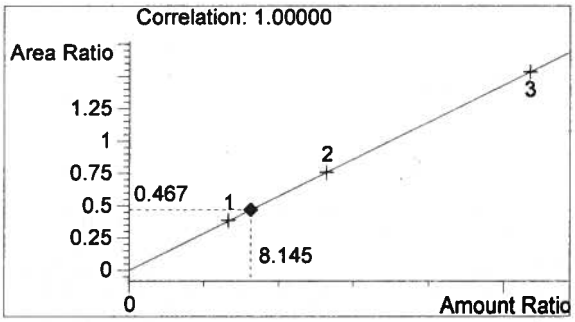
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 3:57:32 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

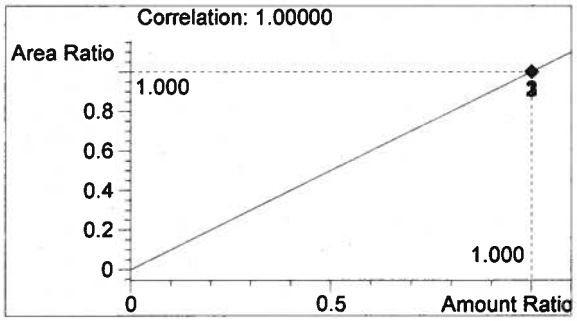
Sample Name: 0.10 CTRL
Operator: Lyndsey Lowe
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	698	1.017
2	n-Propanol	1494	1.739



Ethanol 0.098 g/100mL



n-Propanol 0.012 g/100mL

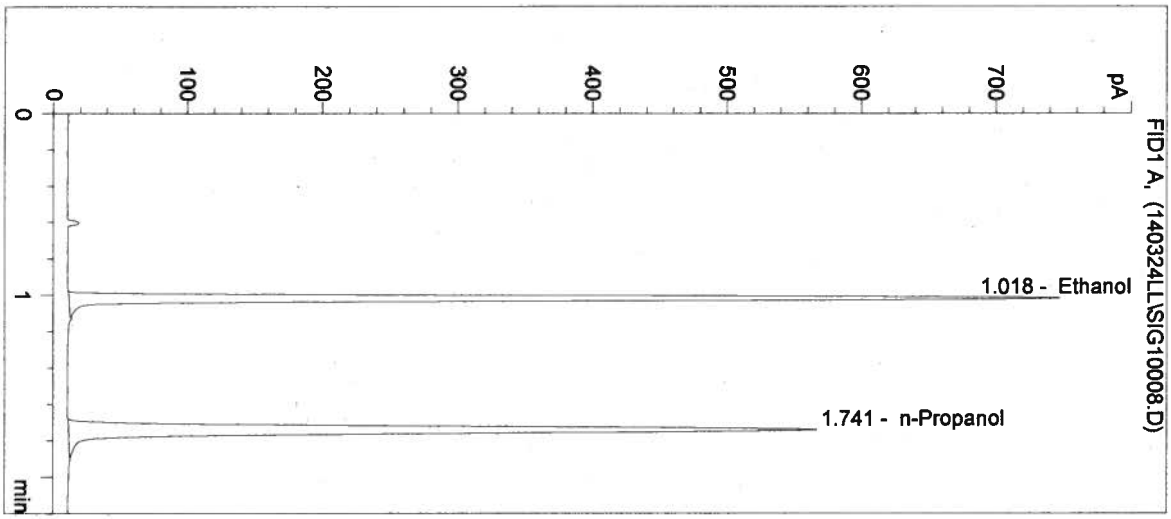
14008

Data File: C:\HPCHEM\2\DATA\140324LL\SIG10007.D

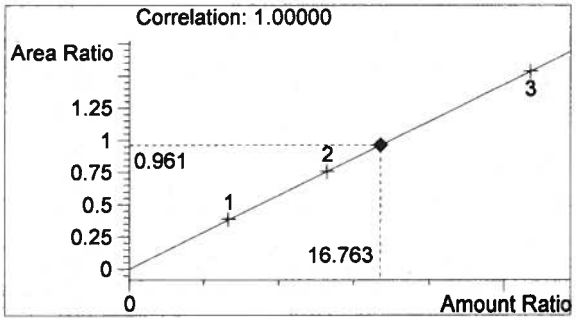
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 4:00:39 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

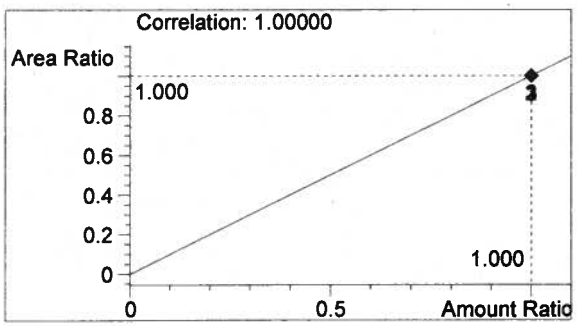


#	Compound	Peak Area	RT (min)
1	Ethanol	1422	1.018
2	n-Propanol	1481	1.741



Ethanol 0.201 g/100mL

14008



n-Propanol 0.012 g/100mL

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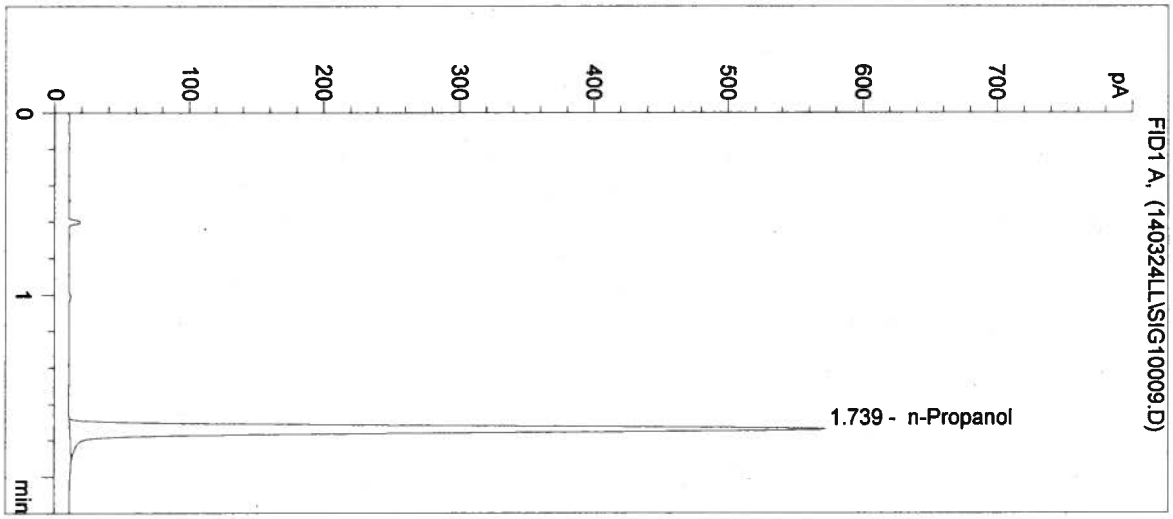
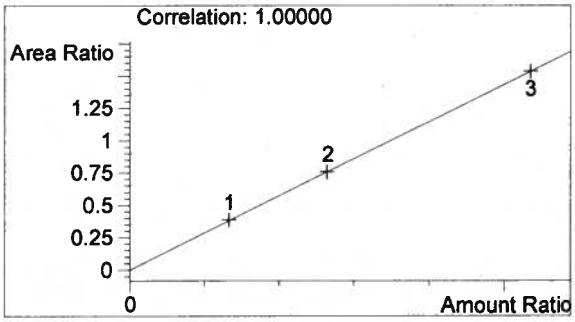
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 4:03:47 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL
Operator: Lyndsey Lowe
Location: Vial 9

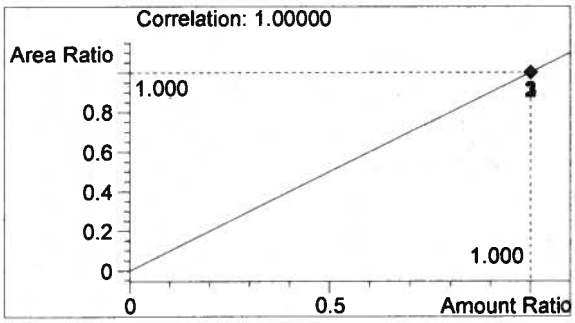


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1493	1.739



Ethanol 0.000 g/100mL

14008



n-Propanol 0.012 g/100mL

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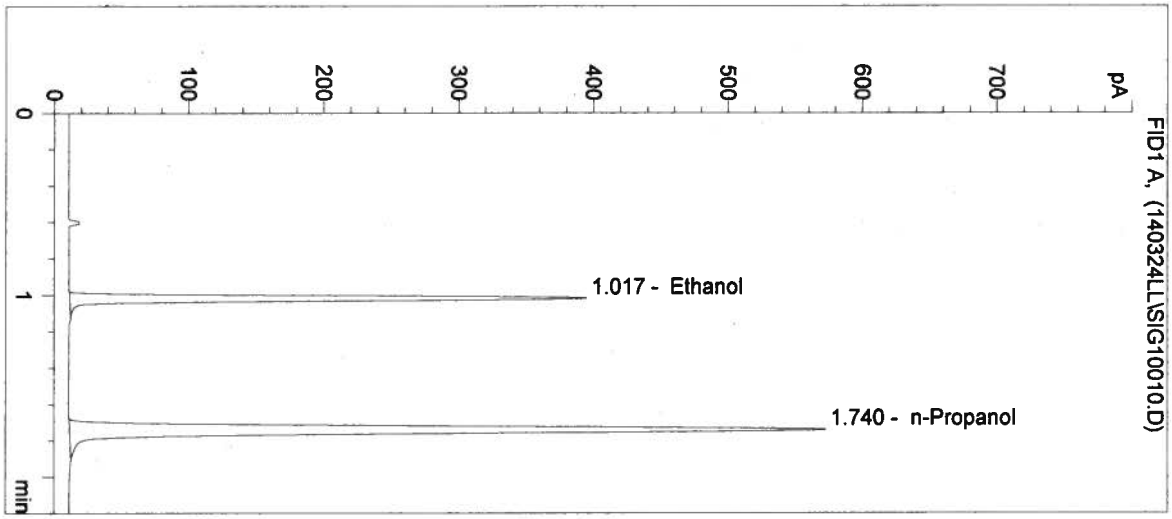
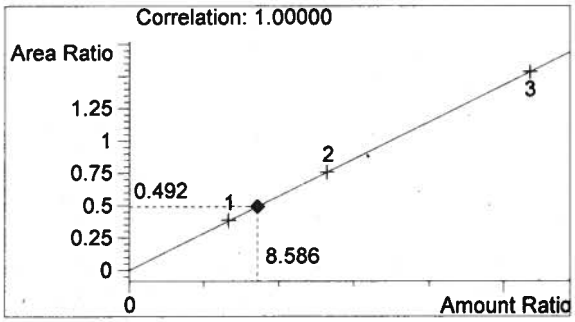
Inj. Date: 3/24/2014 4:06:54 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

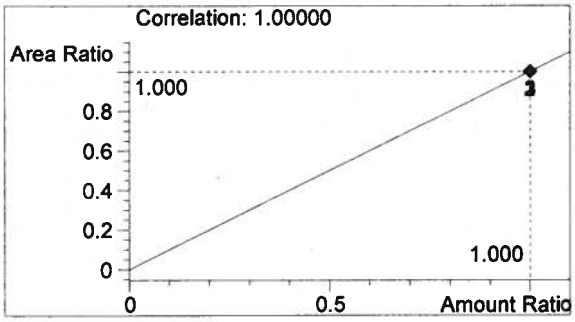
Sample Name: 14008 #1
Operator: Lyndsey Lowe
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	738	1.017
2	n-Propanol	1498	1.740



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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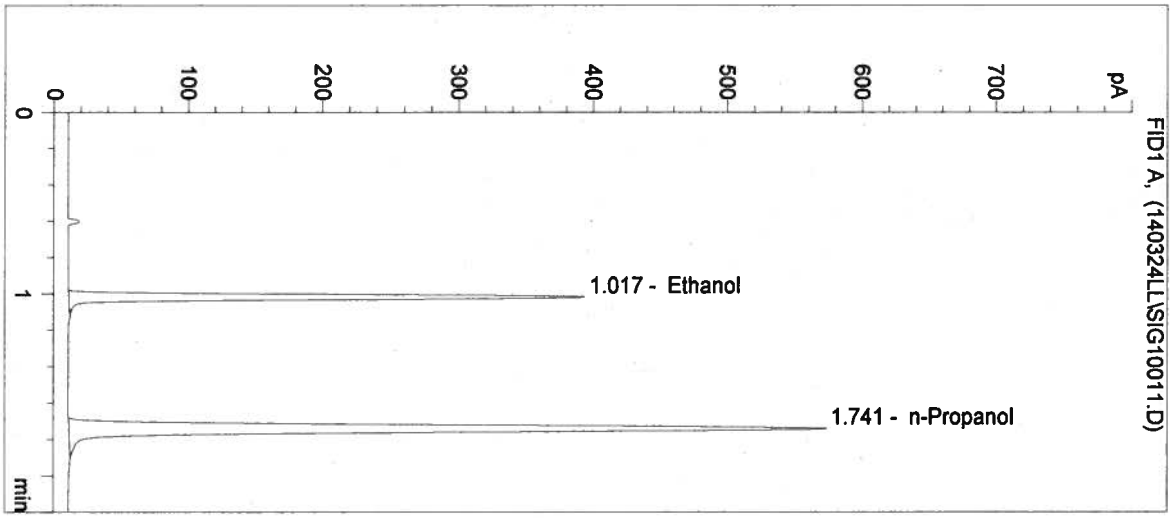
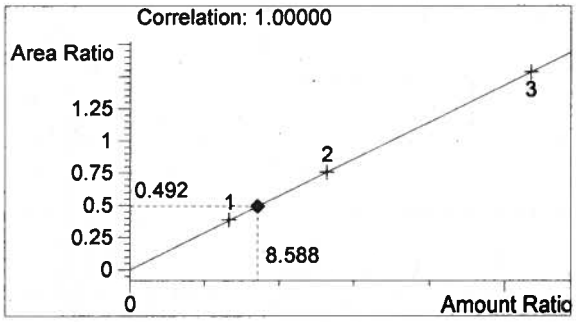
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 4:10:02 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

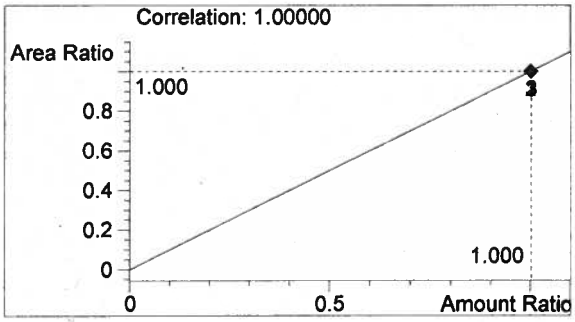
Sample Name: 14008 #2
Operator: Lyndsey Lowe
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	740	1.017
2	n-Propanol	1503	1.741



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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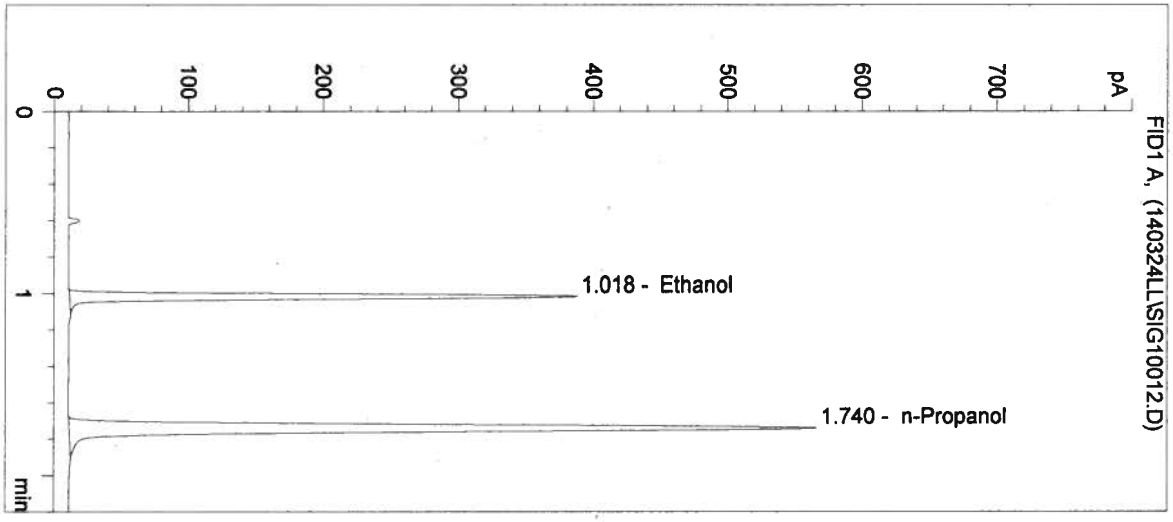
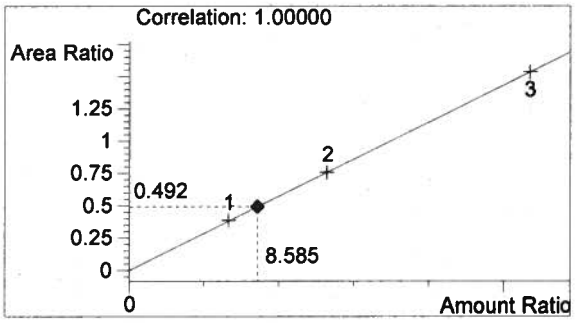
Inj. Date: 3/24/2014 4:13:09 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

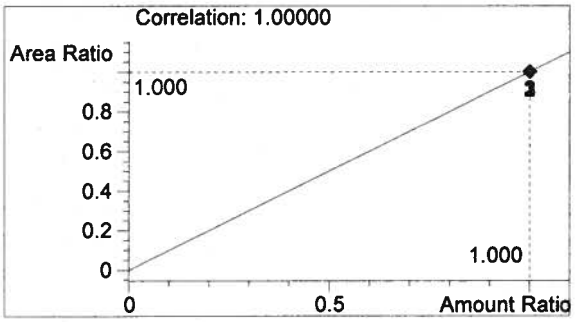
Sample Name: 14008 #3
Operator: Lyndsey Lowe
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	731	1.018
2	n-Propanol	1484	1.740



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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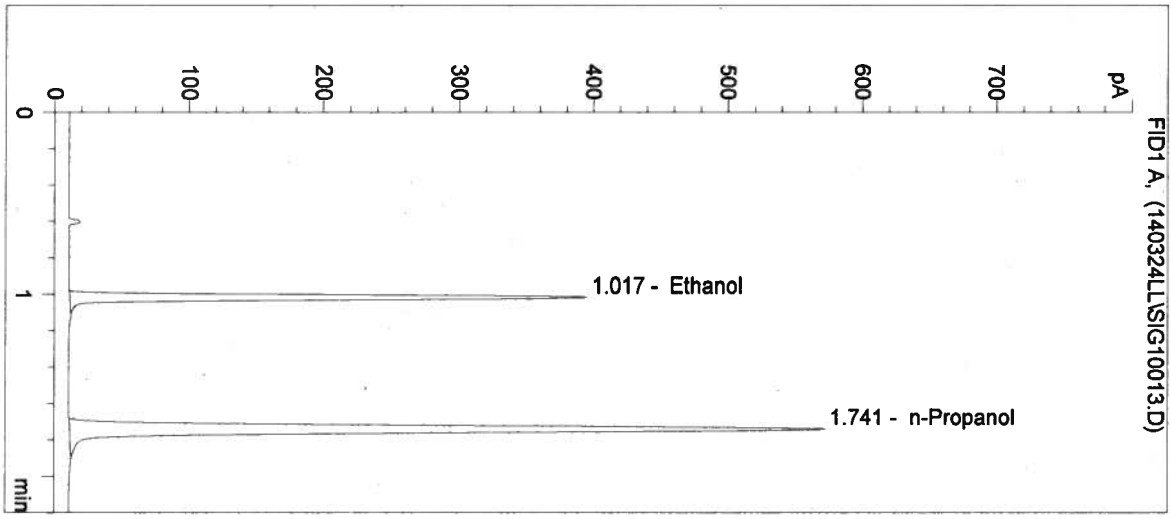
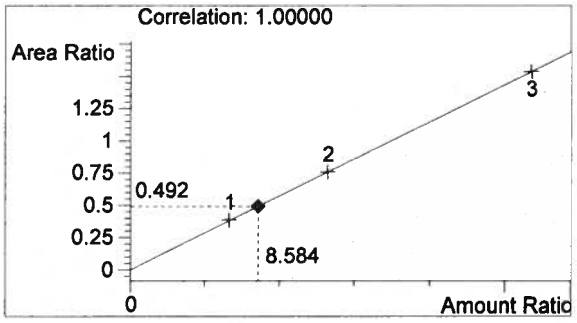
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 4:16:17 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

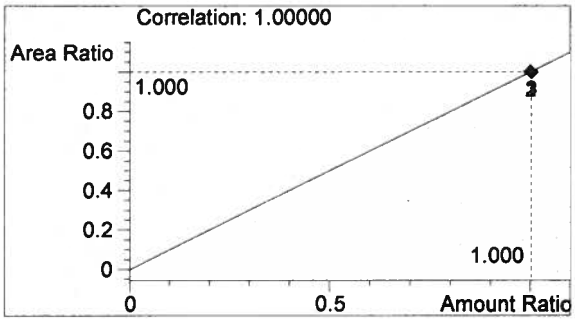
Sample Name: 14008 #4
Operator: Lyndsey Lowe
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	734	1.017
2	n-Propanol	1492	1.741



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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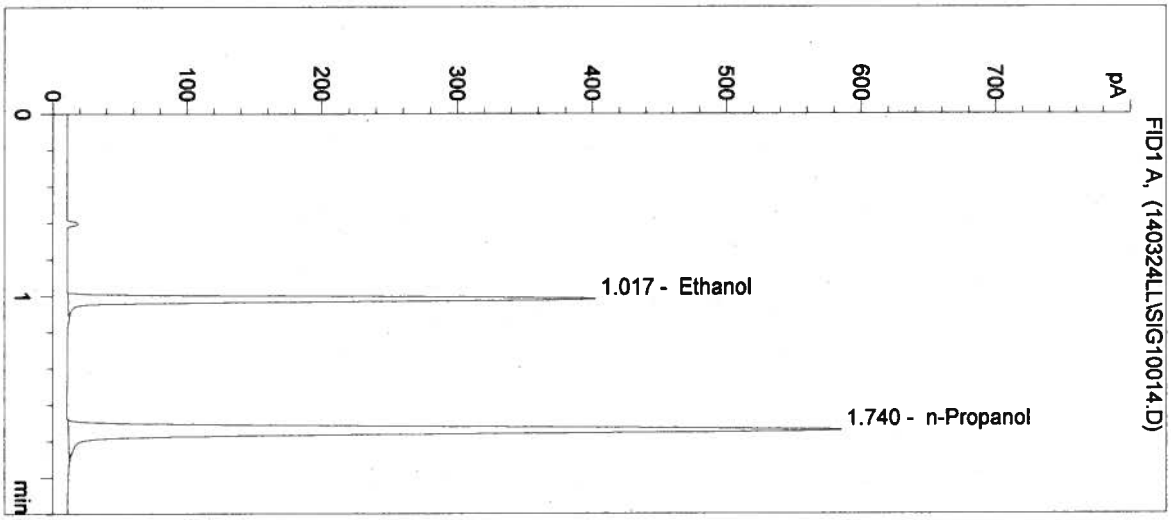
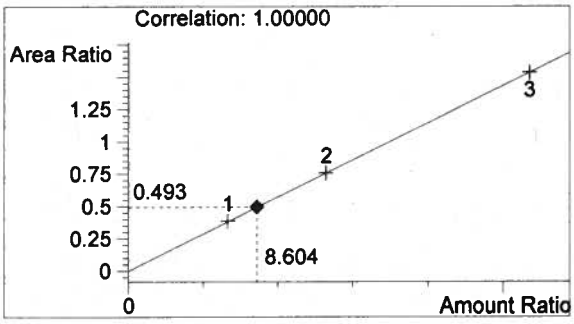
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 4:19:24 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

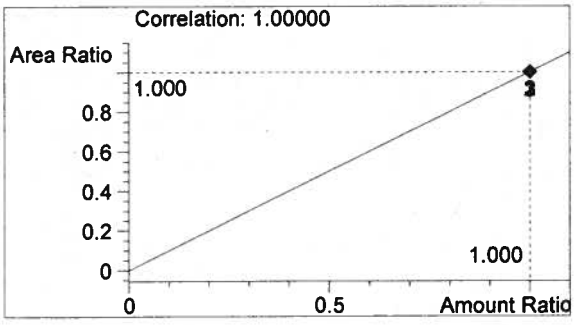
Sample Name: 14008 #5
Operator: Lyndsey Lowe
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	756	1.017
2	n-Propanol	1532	1.740



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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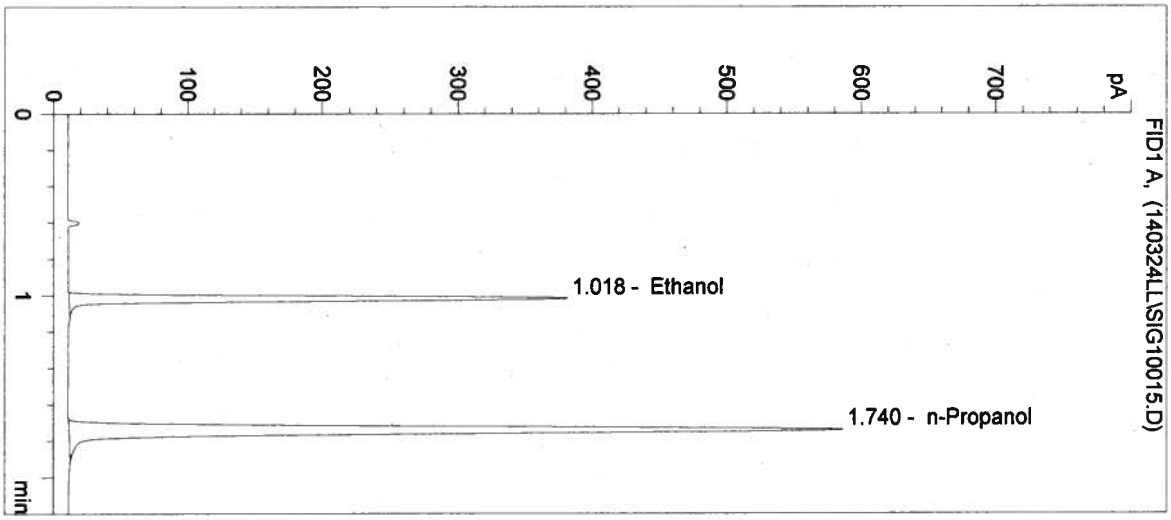
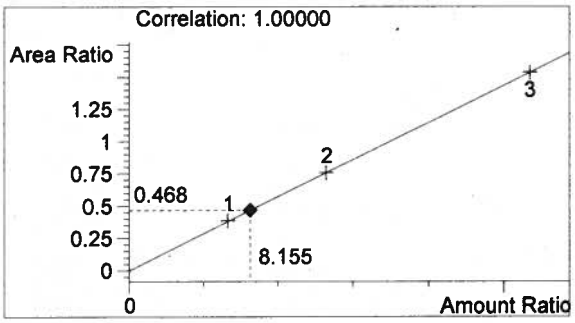
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 4:22:32 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

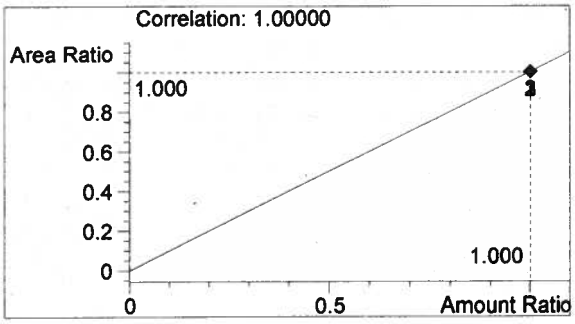


#	Compound	Peak Area	RT (min)
1	Ethanol	715	1.018
2	n-Propanol	1530	1.740



Ethanol 0.098 g/100mL

14008



n-Propanol 0.012 g/100mL

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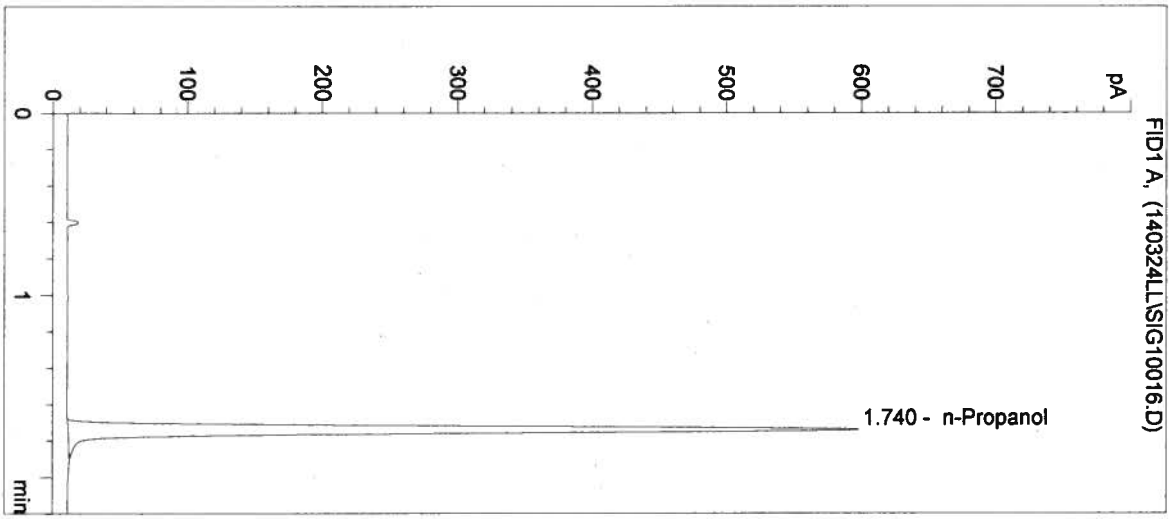
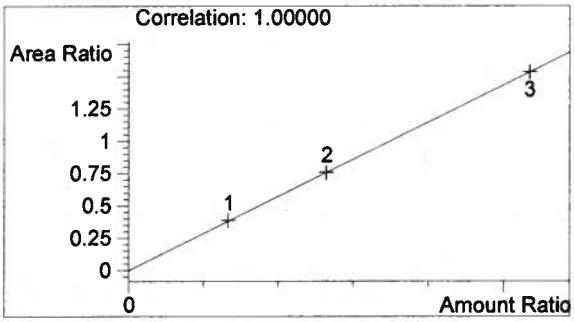
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 4:25:39 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL
Operator: Lyndsey Lowe
Location: Vial 16

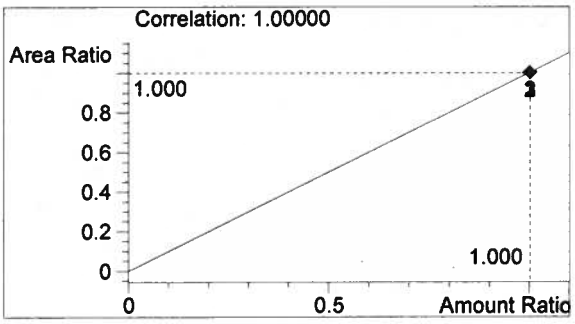


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1566	1.740



Ethanol 0.000 g/100mL

14008



n-Propanol 0.012 g/100mL

Sequence: C:\HPCHEM\2\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\2\DATA\
Data Subdirectory:	140324AG
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:

Cal 1 (0.079 g/100mL) - Lot#E1213-01 - Exp 6/3/2014
Cal 2 (0.158 g/100mL) - Lot#E1213-02 - Exp 6/3/2014
Cal 3 (0.316 g/100mL) - Lot#E1213-03 - Exp 6/3/2014

CTRL 1 (0.04 g/100mL) - Lot#FN120110-04 - Exp 12/2015
CTRL 2 (0.10 g/100mL) - Lot#A095230 - Exp 09/2017
CTRL 3 (0.20 g/100mL) - 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	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	14008 #1	SIMALC3	1	Sample		
11	Vial 11	14008 #2	SIMALC3	1	Sample		
12	Vial 12	14008 #3	SIMALC3	1	Sample		
13	Vial 13	14008 #4	SIMALC3	1	Sample		
14	Vial 14	14008 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

14008

140324AG

Calibration Table

Calib. Data Modified : Monday, March 24, 2014 2:26:27 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
1.017	1	1	8.00300e-2	561.73749	1.42469e-4	1		Ethanol
		2	1.58560e-1	1130.57605	1.40247e-4			
		3	3.21220e-1	2266.65869	1.41715e-4			
1.739	1	1	1.20000e-2	1485.63525	8.07735e-6	I1		n-Propanol
		2	1.20000e-2	1509.19153	7.95128e-6			
		3	1.20000e-2	1510.48608	7.94446e-6			

14008

Peak Sum Table

No Entries in table

140324AG

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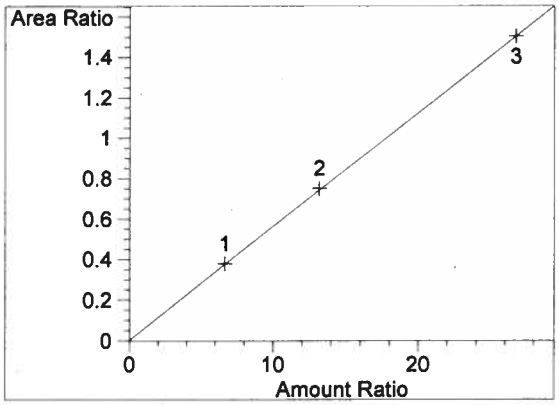
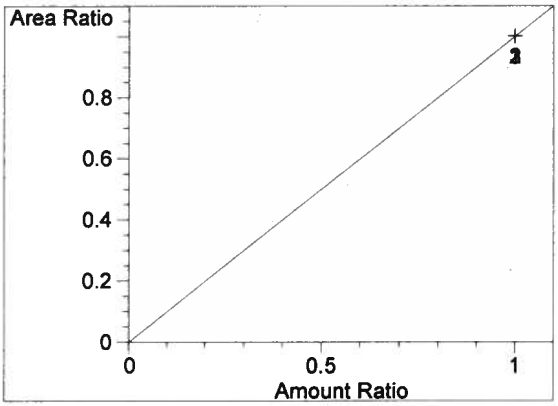
Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00492
Formula: y = mx + b
m: 5.60385e-2
b: 3.40327e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.739
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

==========

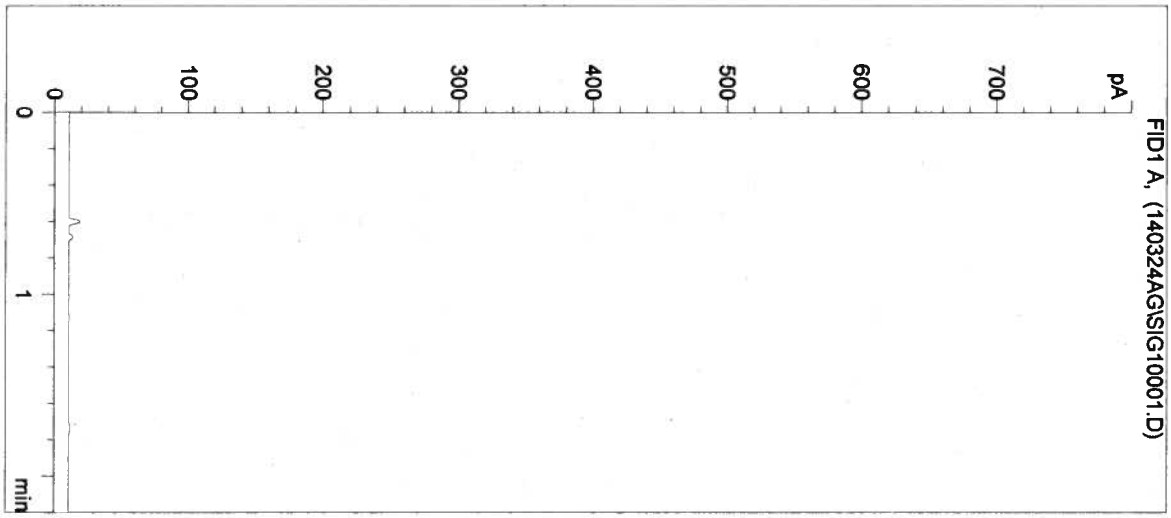
14008

140324AG

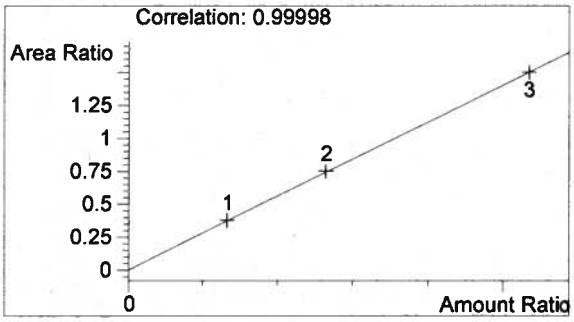
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 2:14:53 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

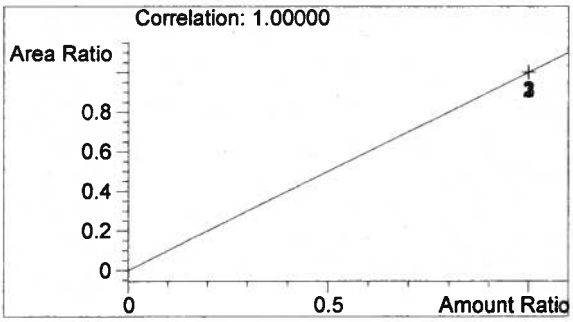
Sample Name: BLANK
Operator: Andrew Gingras
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

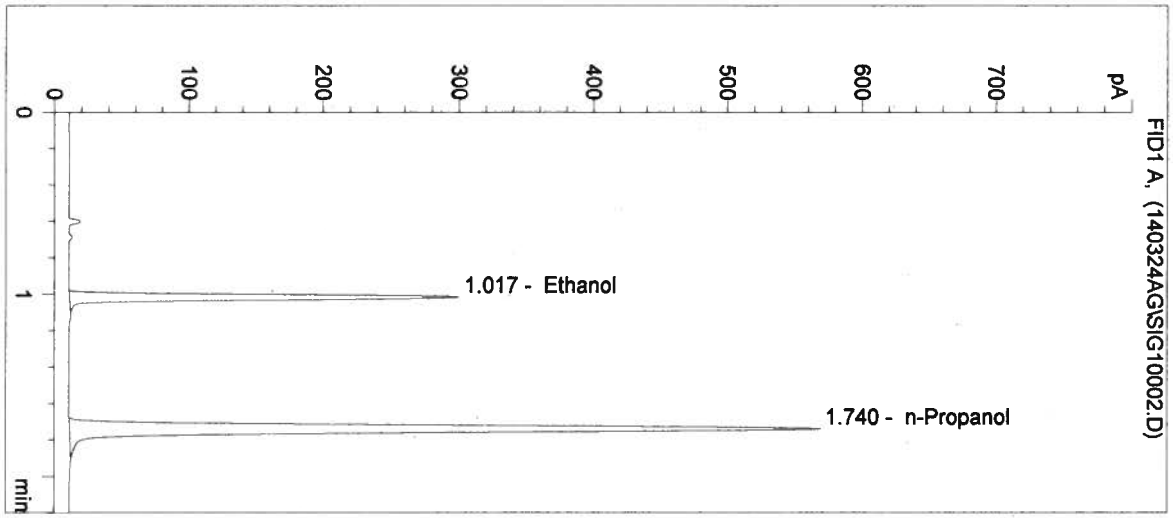
14008

AG

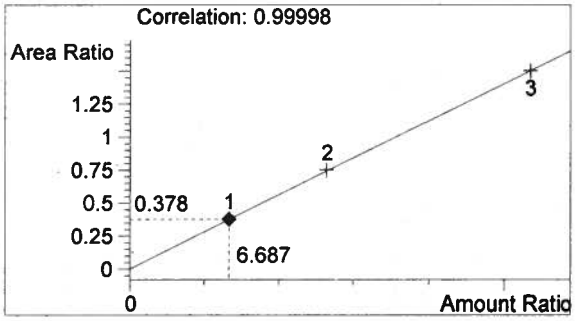
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 2:18:00 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

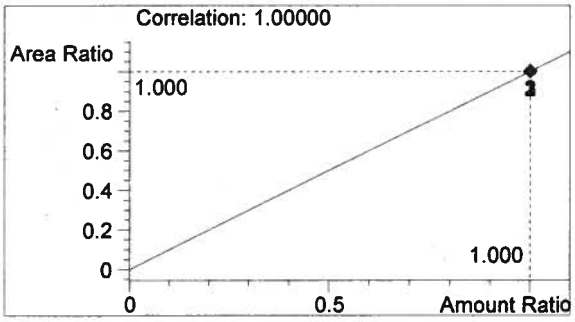
Sample Name: 0.079 CAL 1
Operator: Andrew Gingras
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	562	1.017
2	n-Propanol	1486	1.740



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

14008

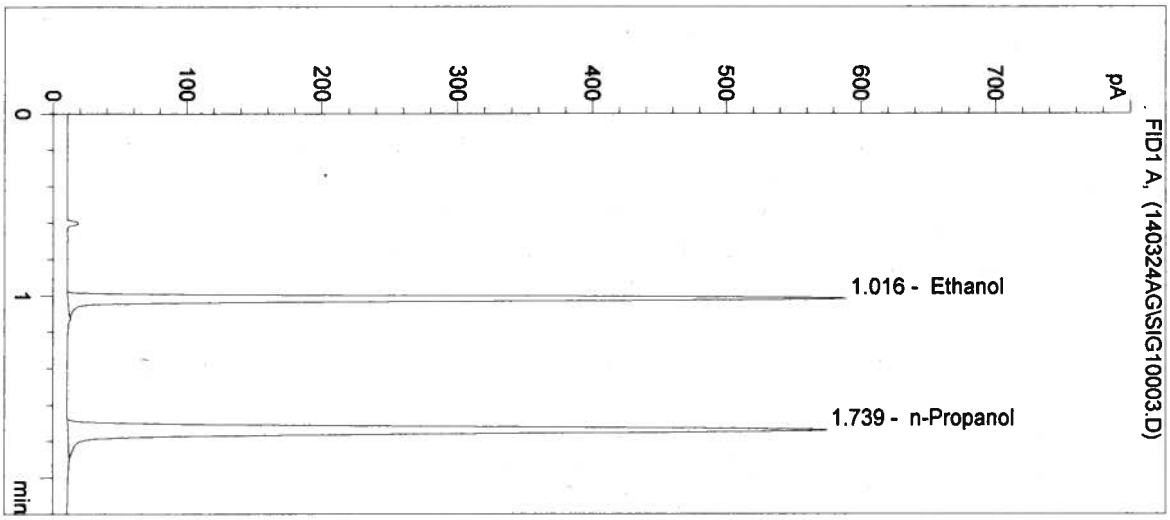
Data File: C:\HPCHEM\2\DATA\140324AG\SIG10002.D

AG

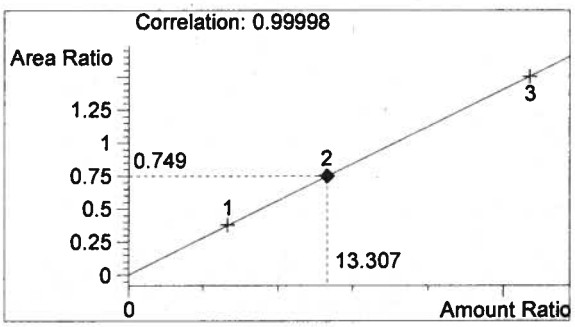
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 2:21:08 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

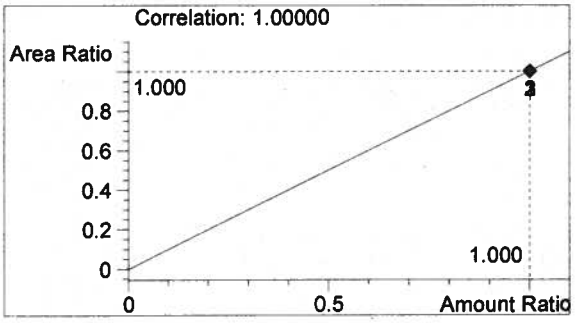


#	Compound	Peak Area	RT (min)
1	Ethanol	1131	1.016
2	n-Propanol	1509	1.739



Ethanol 0.160 g/100mL

14008



n-Propanol 0.012 g/100mL

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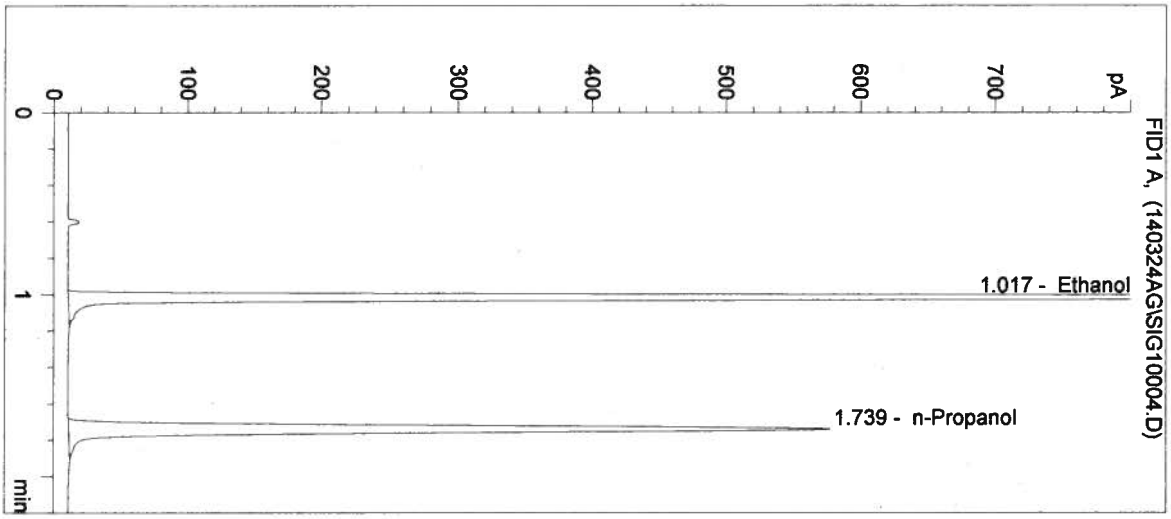
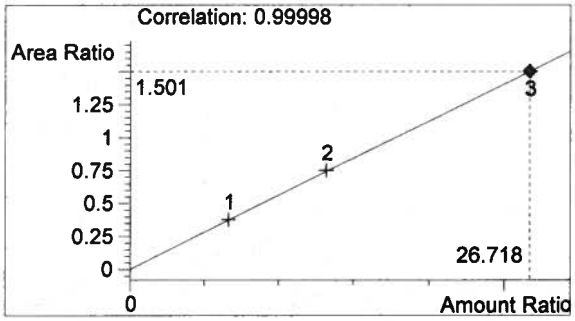
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 2:24:15 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

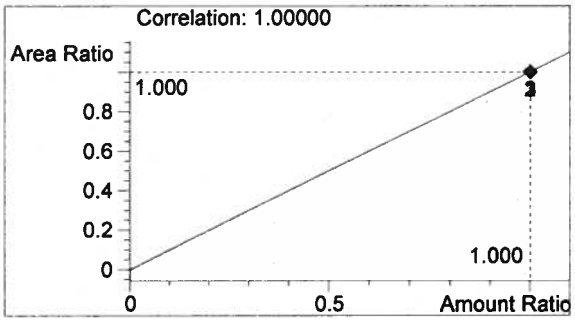


#	Compound	Peak Area	RT (min)
1	Ethanol	2267	1.017
2	n-Propanol	1510	1.739



Ethanol 0.321 g/100mL

14008



n-Propanol 0.012 g/100mL

AG

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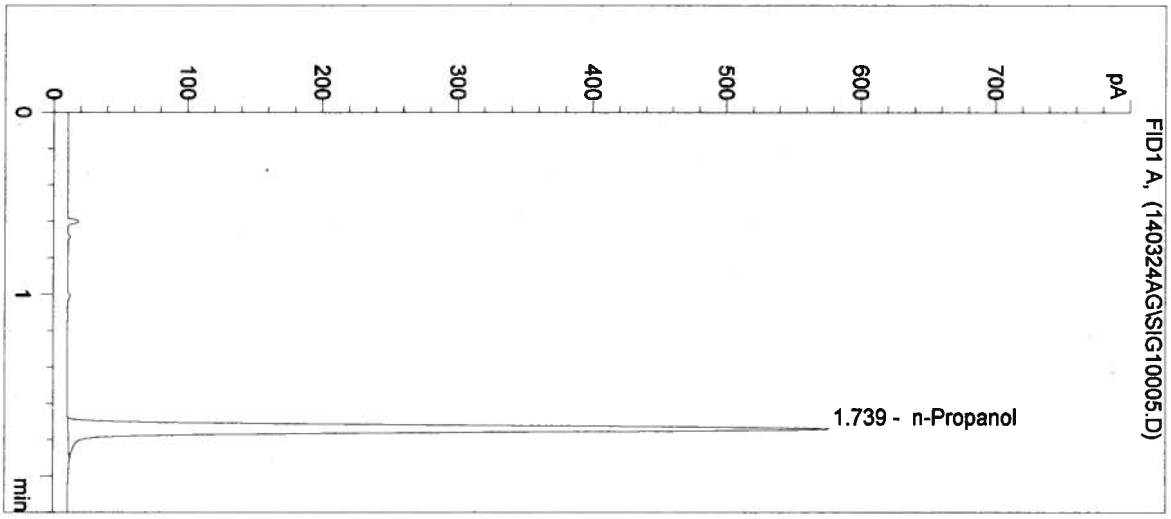
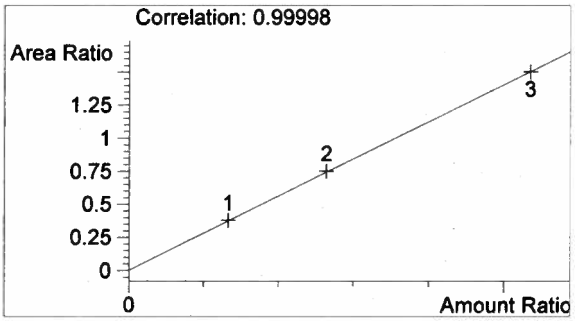
Inj. Date: 3/24/2014 2:27:22 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 5

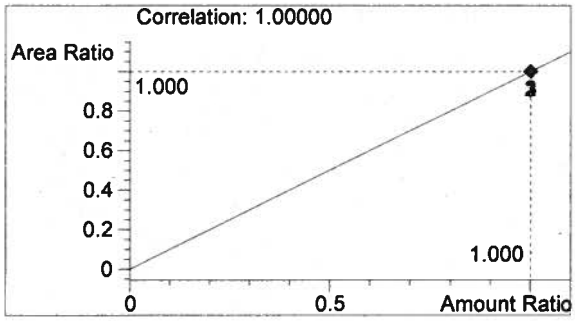


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1513	1.739



Ethanol 0.000 g/100mL

14008



n-Propanol 0.012 g/100mL

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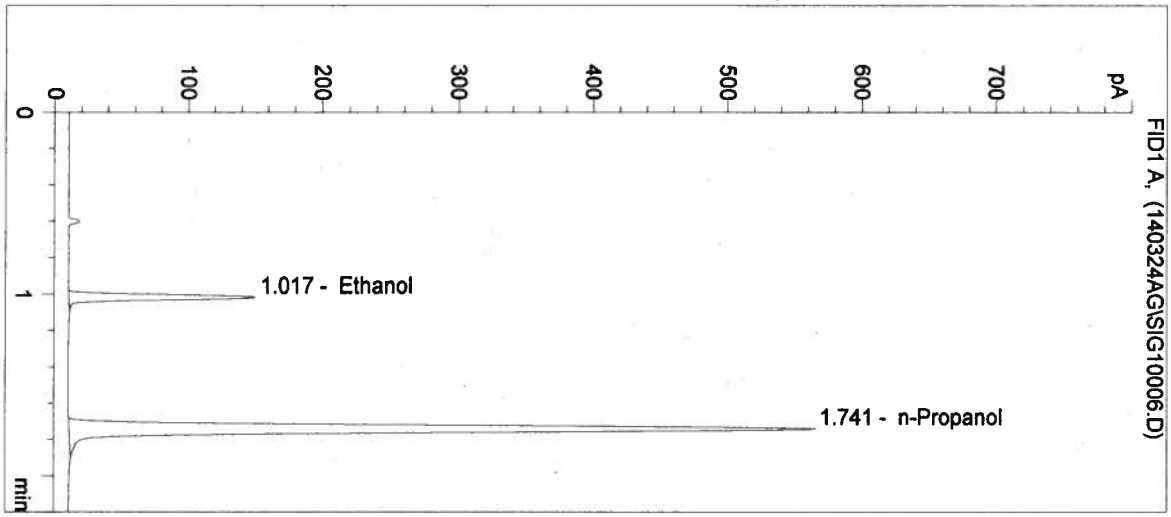
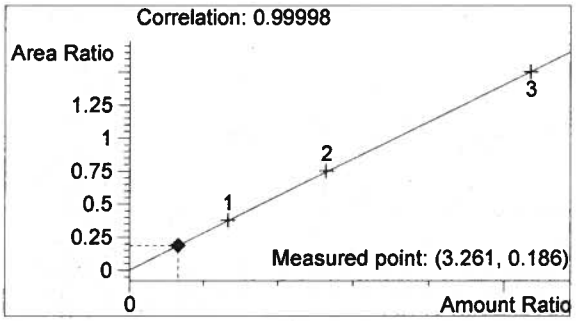
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 2:30:30 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

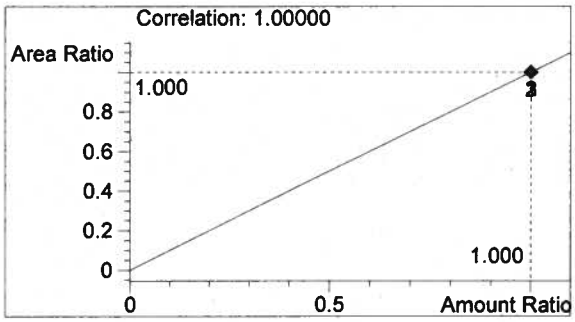


#	Compound	Peak Area	RT (min)
1	Ethanol	276	1.017
2	n-Propanol	1484	1.741



Ethanol 0.039 g/100mL

14008



n-Propanol 0.012 g/100mL

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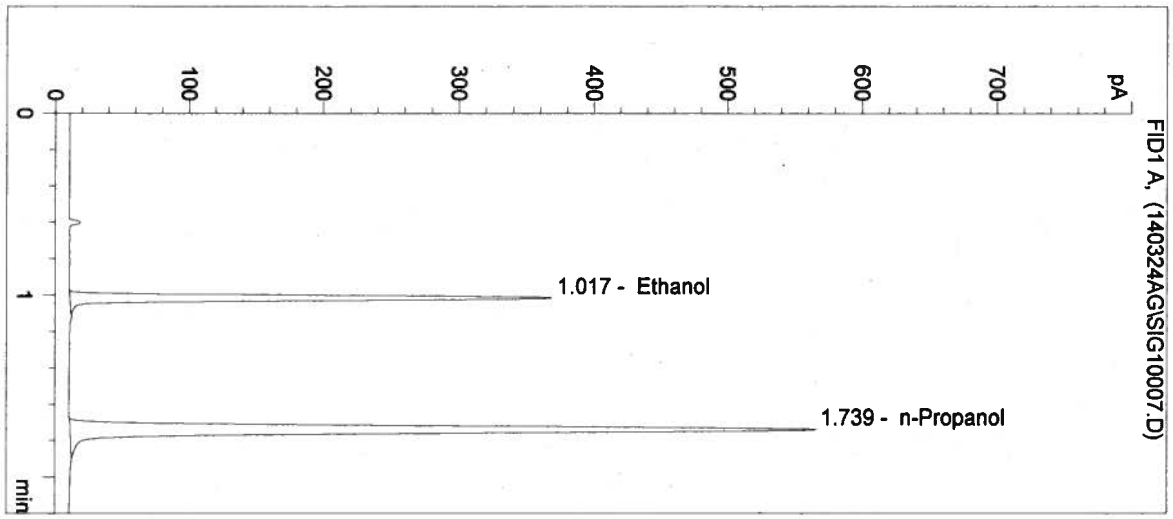
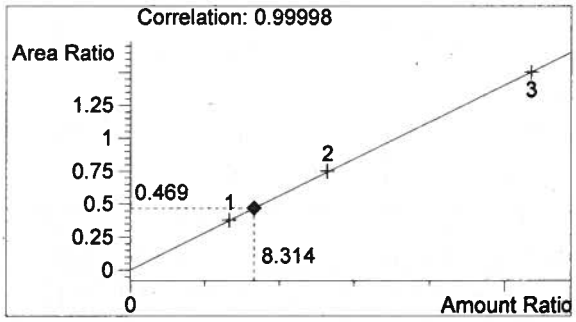
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 2:33:37 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

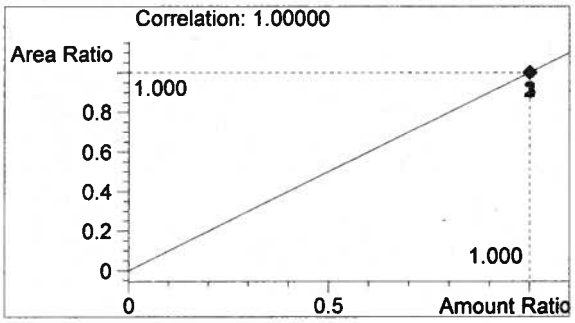


#	Compound	Peak Area	RT (min)
1	Ethanol	695	1.017
2	n-Propanol	1480	1.739



Ethanol 0.100 g/100mL

14008



n-Propanol 0.012 g/100mL

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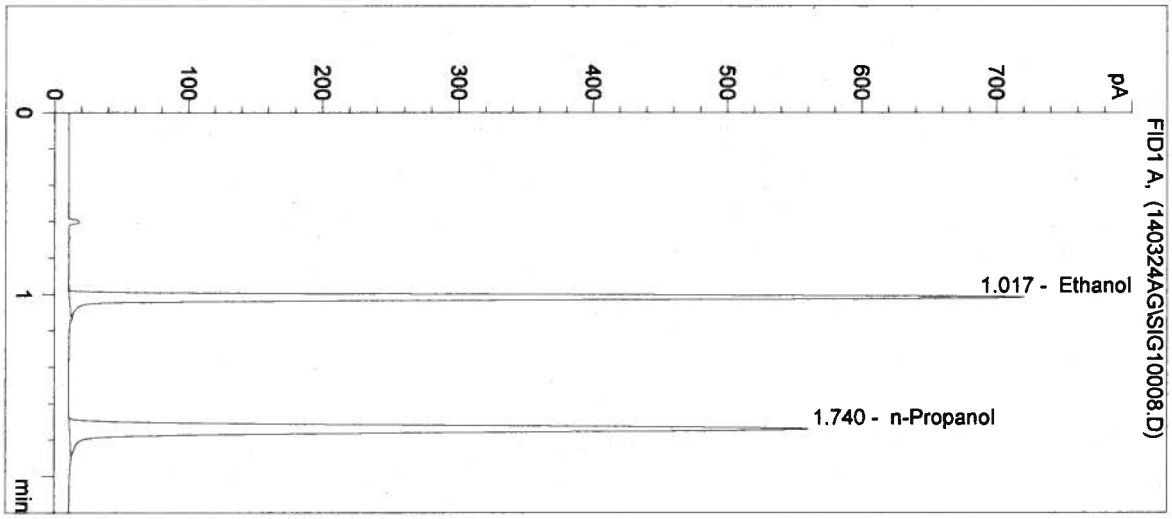
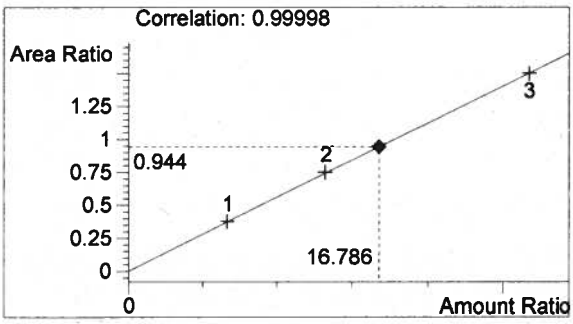
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 2:36:45 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

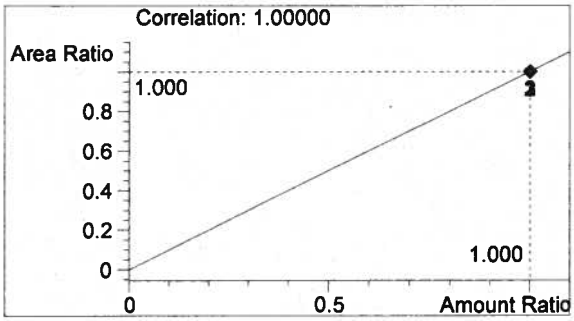
Sample Name: 0.20 CTRL
Operator: Andrew Gingras
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1382	1.017
2	n-Propanol	1464	1.740



Ethanol 0.201 g/100mL



n-Propanol 0.012 g/100mL

14008

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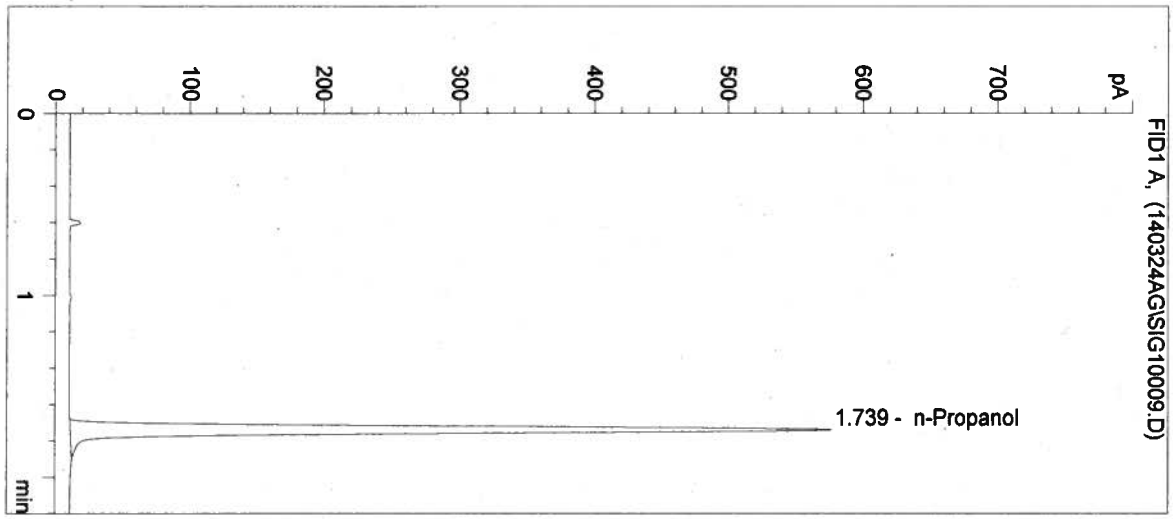
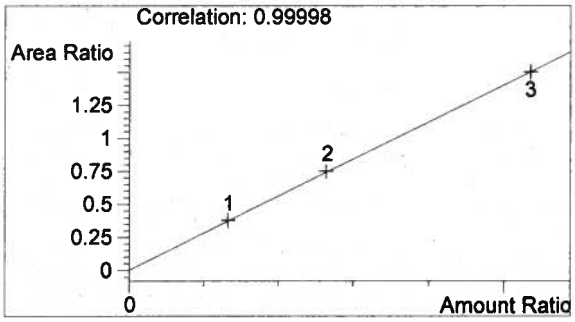
Inj. Date: 3/24/2014 2:39:52 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 9

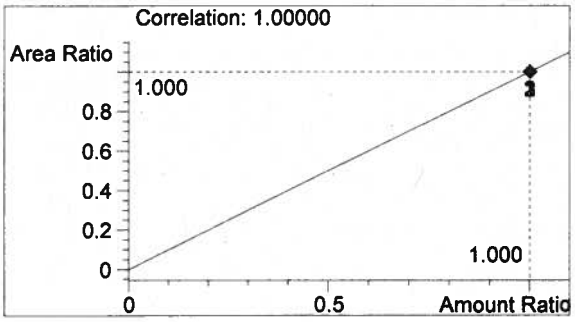


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1510	1.739



Ethanol 0.000 g/100mL

14008



n-Propanol 0.012 g/100mL

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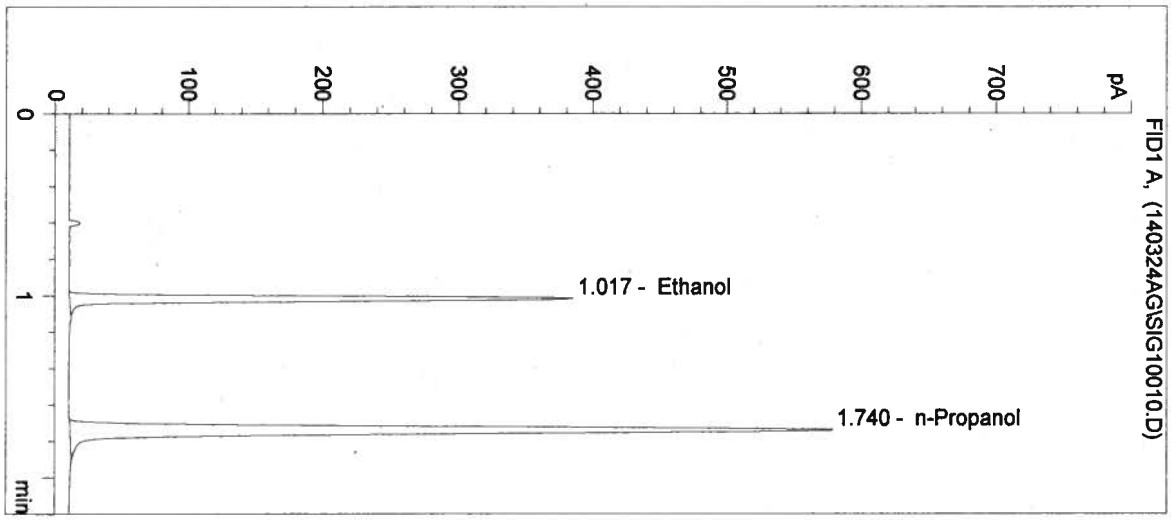
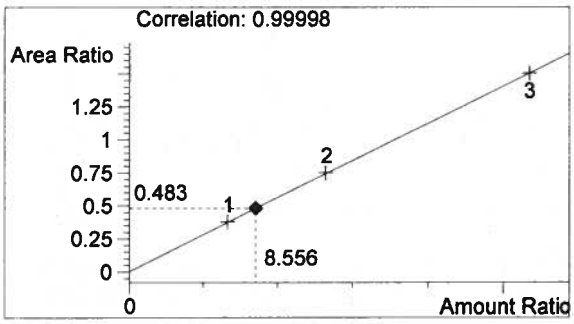
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 2:43:00 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

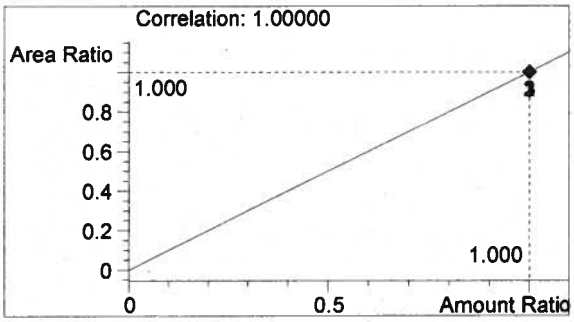
Sample Name: 14008 #1
Operator: Andrew Gingras
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	734	1.017
2	n-Propanol	1521	1.740



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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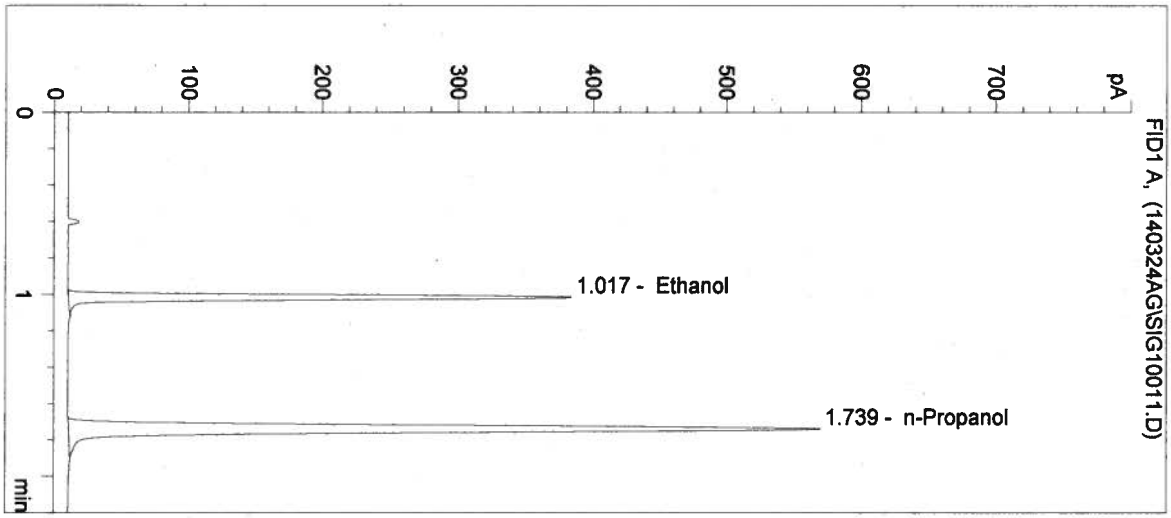
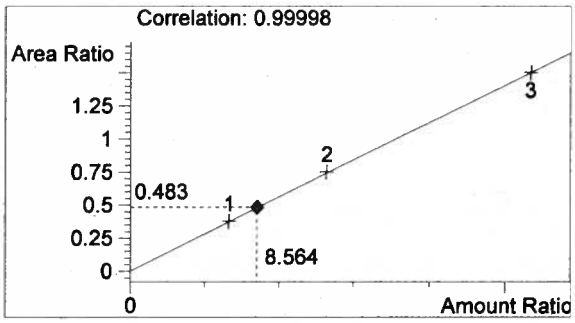
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 2:46:07 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

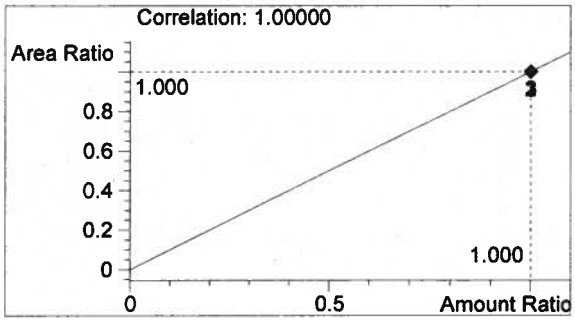
Sample Name: 14008 #2
Operator: Andrew Gingras
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	720	1.017
2	n-Propanol	1490	1.739



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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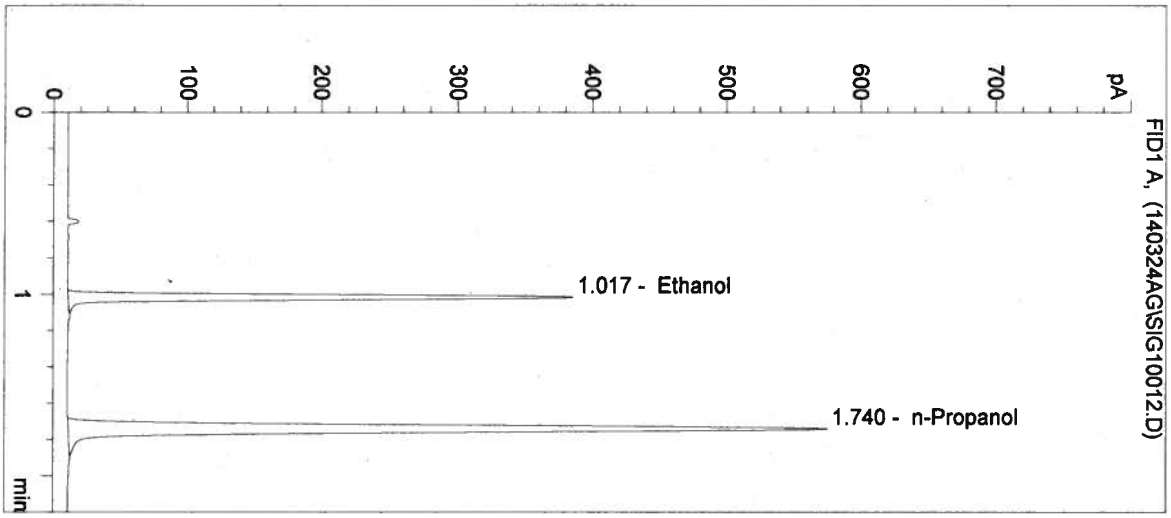
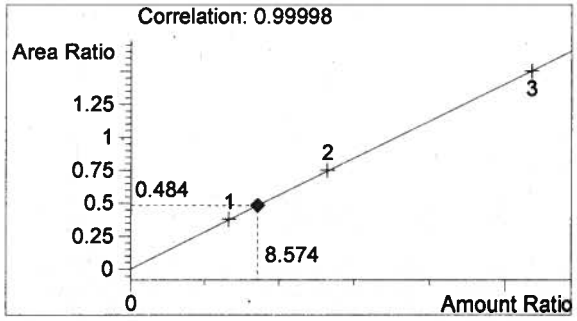
Inj. Date: 3/24/2014 2:49:14 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

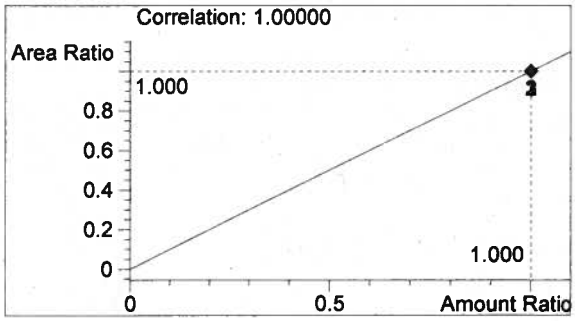
Sample Name: 14008 #3
Operator: Andrew Gingras
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	730	1.017
2	n-Propanol	1508	1.740



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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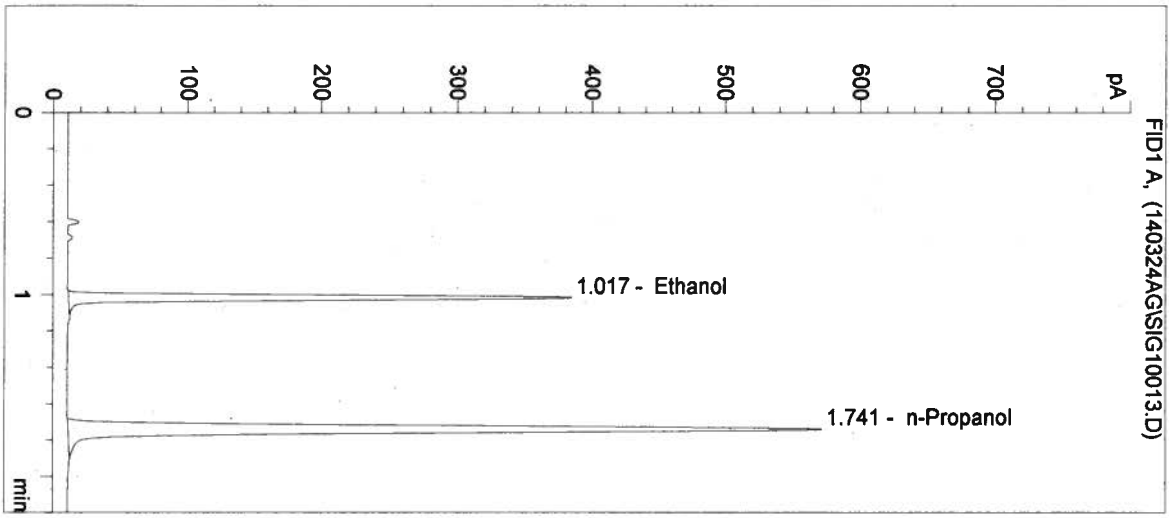
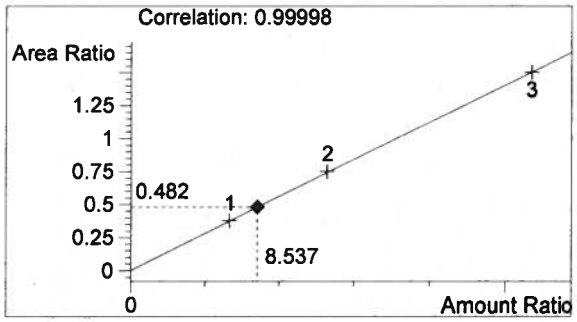
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 2:52:22 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

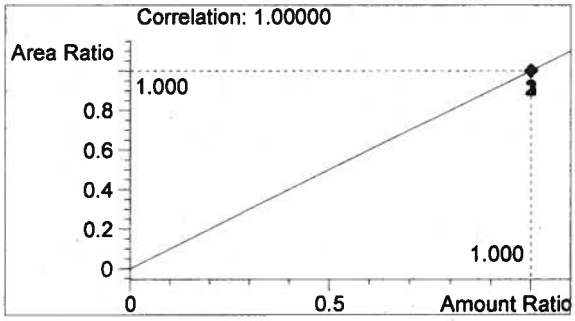
Sample Name: 14008 #4
Operator: Andrew Gingras
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	720	1.017
2	n-Propanol	1495	1.741



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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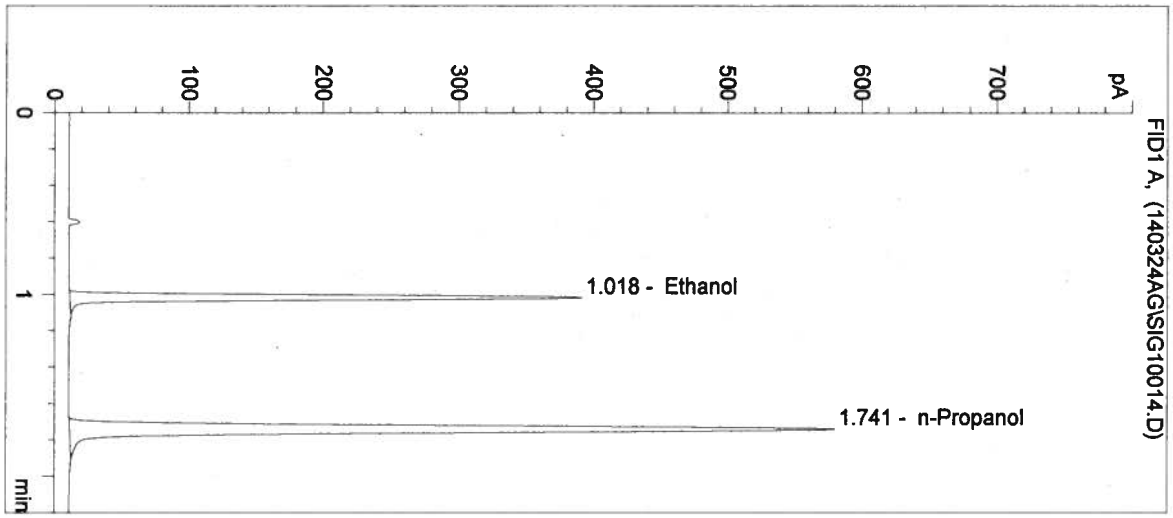
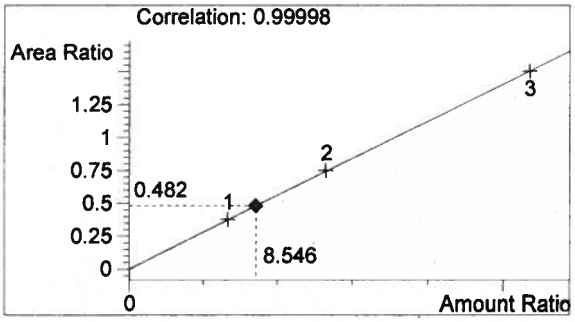
Inj. Date: 3/24/2014 2:55:29 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

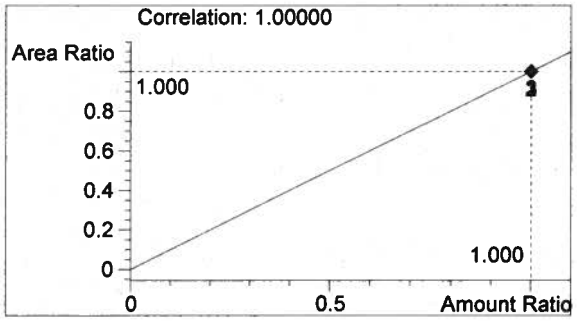
Sample Name: 14008 #5
Operator: Andrew Gingras
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	731	1.018
2	n-Propanol	1516	1.741



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

AG

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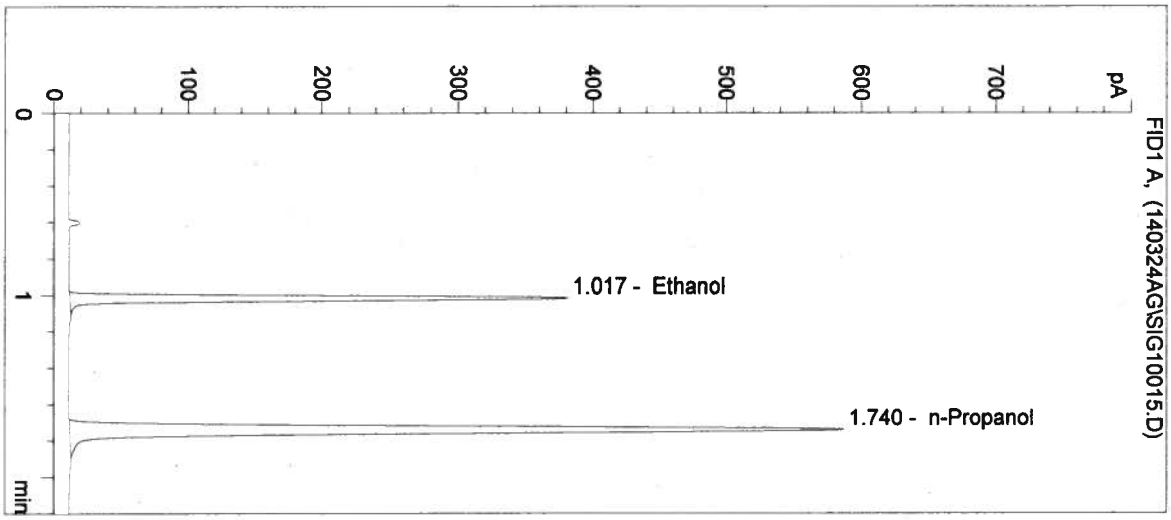
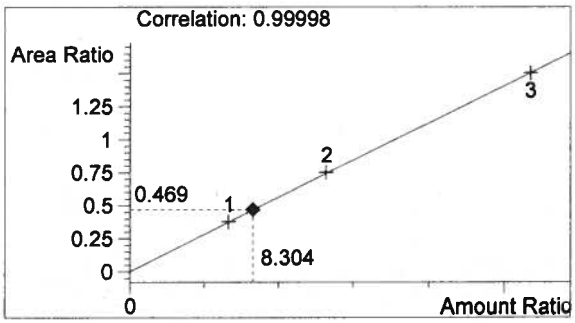
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 2:58:37 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

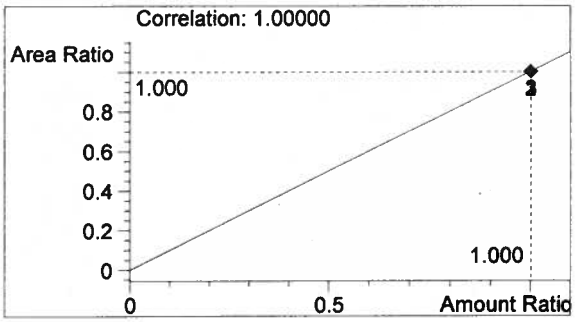


#	Compound	Peak Area	RT (min)
1	Ethanol	721	1.017
2	n-Propanol	1538	1.740



Ethanol 0.100 g/100mL

14008



n-Propanol 0.012 g/100mL

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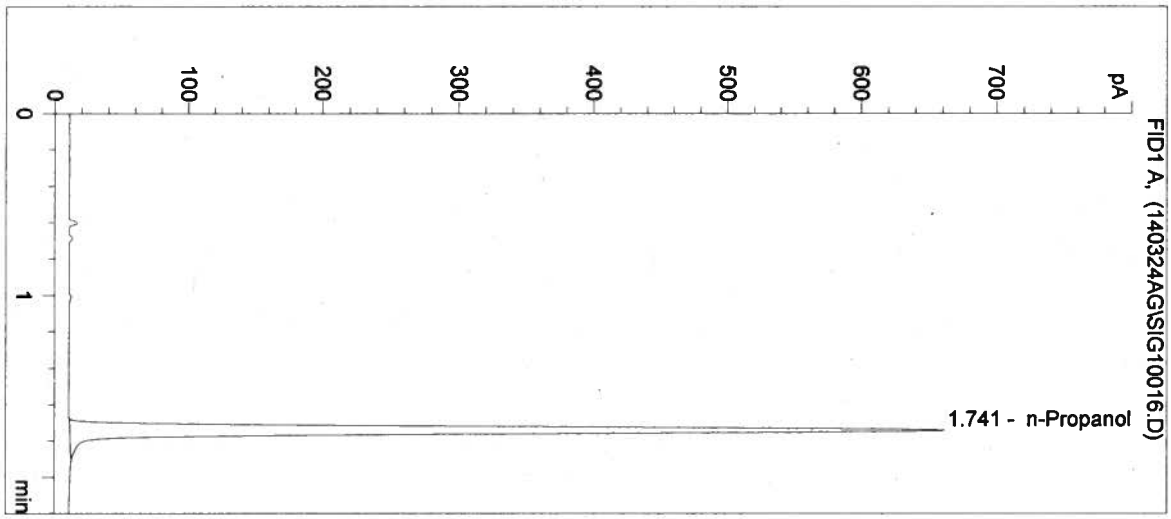
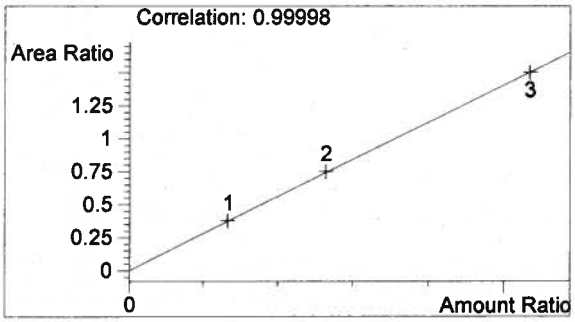
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/24/2014 3:01:44 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 16

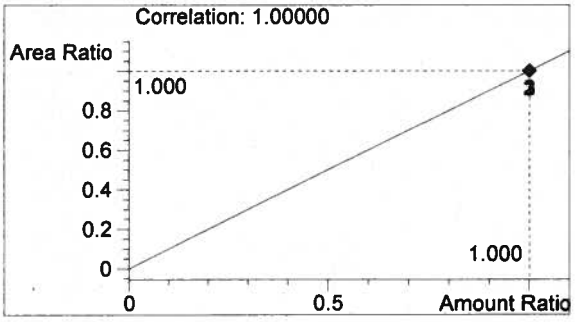


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1736	1.741



Ethanol 0.000 g/100mL

14008



n-Propanol 0.012 g/100mL

Sequence: C:\HPCHEM\2\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\2\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 (0.079 g/100mL) - Lot#E1213-01 - Exp 6/03/14
Cal 2 (0.158 g/100mL) - Lot#E1213-02 - Exp 6/03/14
Cal 3 (0.316 g/100mL) - Lot#E1213-03 - Exp 6/03/14

CTRL 1 (0.04 g/100mL) - Lot#FN120110-04 - Exp 12/2015
CTRL 2 (0.10 g/100mL) - Lot#A095230 - Exp 09/2017
CTRL 3 (0.20 g/100mL) - Lot#FN100511-01 - Exp 10/2016

n-Propanol 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	SIMALC3	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC3	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC3	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	14008-1	SIMALC3	1	Sample		
11	Vial 11	14008-2	SIMALC3	1	Sample		
12	Vial 12	14008-3	SIMALC3	1	Sample		
13	Vial 13	14008-4	SIMALC3	1	Sample		
14	Vial 14	14008-5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	CAL1 0.079	SIMALC3	1	Replace	Replace	
3	Vial 3	CAL2 0.158	SIMALC3	2	Replace	Replace	
4	Vial 4	CAL3 0.316	SIMALC3	3	Replace	Replace	

KK

Sequence Table (Back Injector):

No entries - empty table!

14008

KK

Calibration Table

Calib. Data Modified : Thursday, March 27, 2014 1:48:41 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.017	1	1	8.00300e-2	565.40900	1.41544e-4	1		Ethanol
		2	1.58560e-1	1176.49304	1.34773e-4			
		3	3.21220e-1	2518.50000	1.27544e-4			
1.743	1	1	1.20000e-2	1492.67310	8.03927e-6	I1		n-Propanol
		2	1.20000e-2	1525.83411	7.86455e-6			
		3	1.20000e-2	1609.70862	7.45477e-6			

14008

Peak Sum Table

No Entries in table

KK

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Calibration Curves

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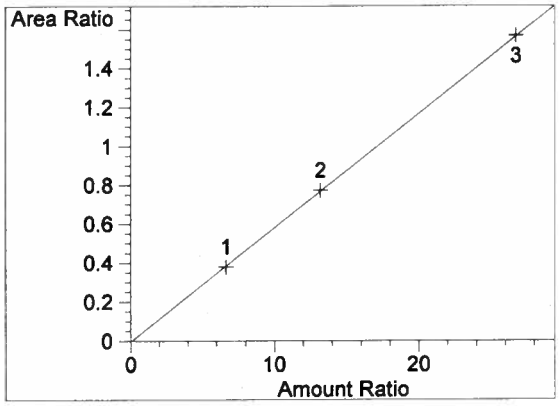
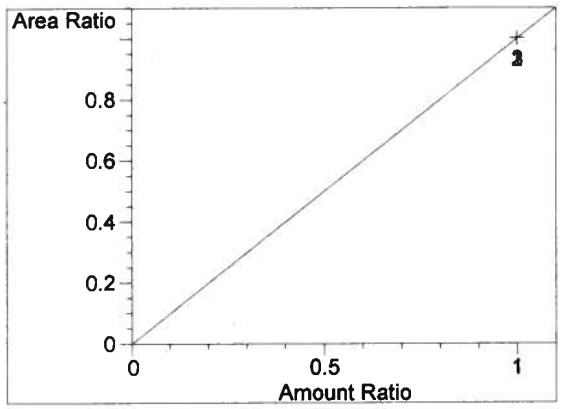


Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00625
Formula: y = mx + b
m: 5.85840e-2
b: -4.64627e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.743
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

==========

14008

KK

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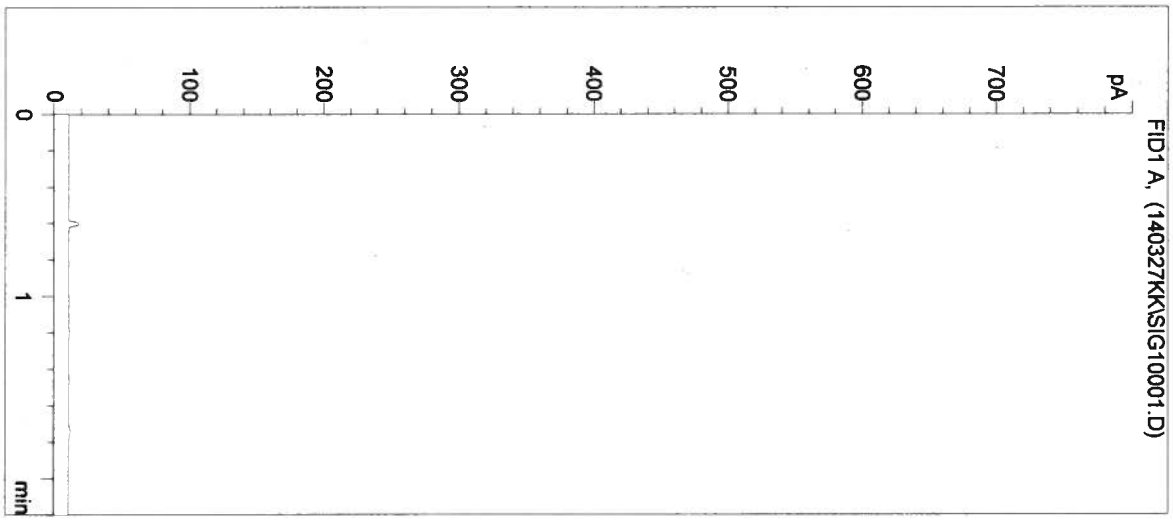
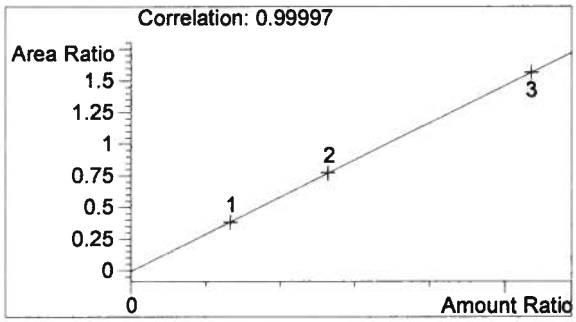
Inj. Date: 3/27/2014 1:37:06 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

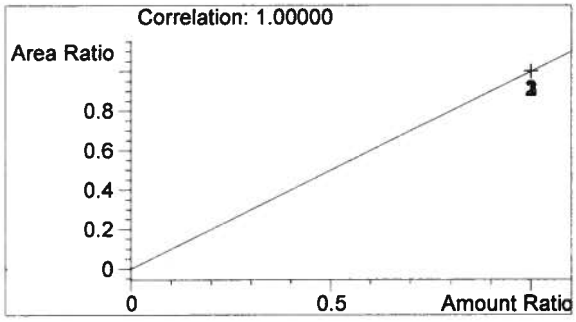
Sample Name: BLANK
Operator: Katie Knorr
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

14008

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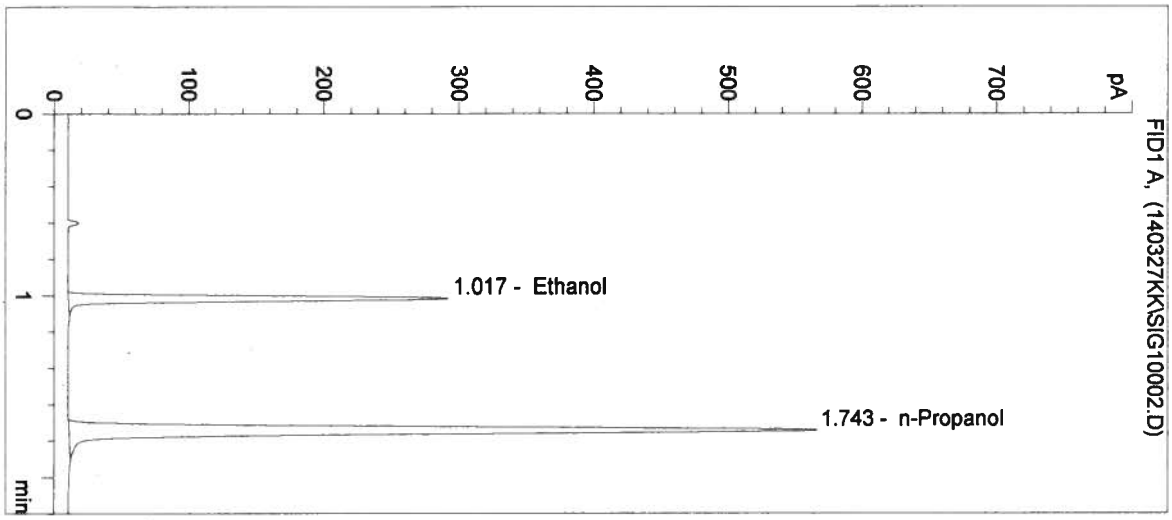
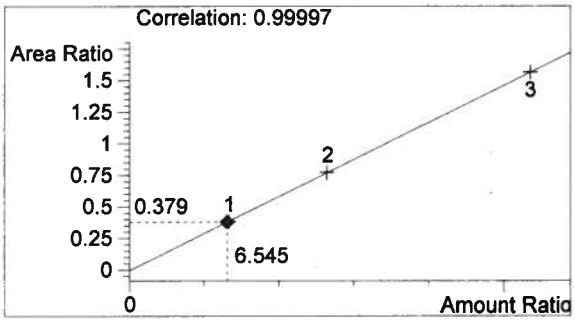
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 1:40:14 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E1213-01 - Exp. 06/03/2014

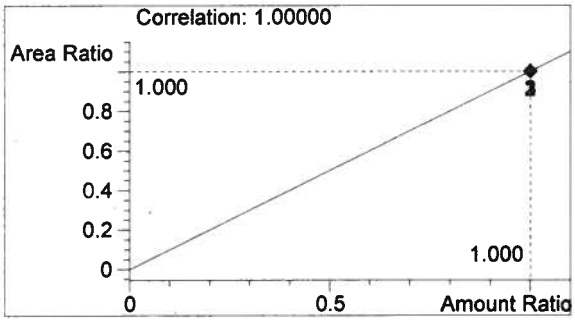
Sample Name: CAL1 0.079
Operator: Katie Knorr
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	565	1.017
2	n-Propanol	1493	1.743



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

14008

Data File: C:\HPCHEM\2\DATA\140327KK\SIG10002.D

KK

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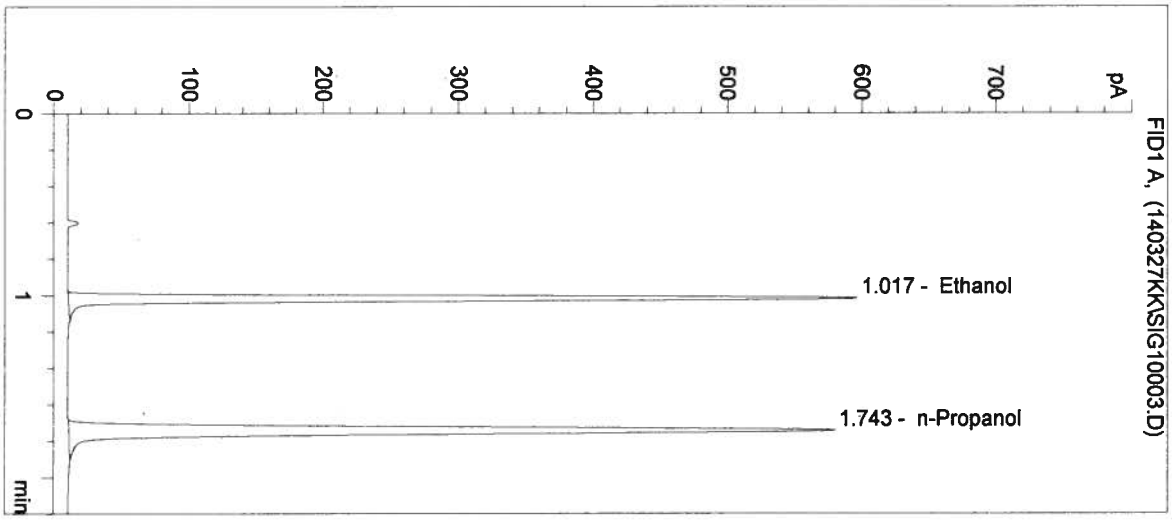
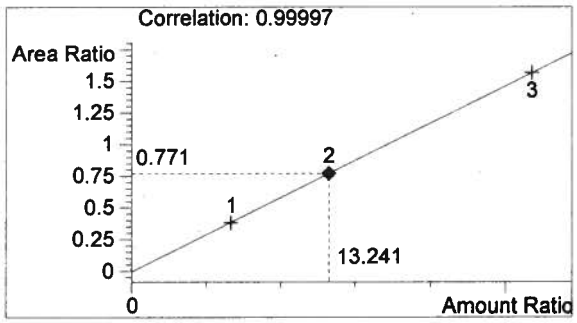
Inj. Date: 3/27/2014 1:43:21 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E1213-02 - Exp. 06/03/2014

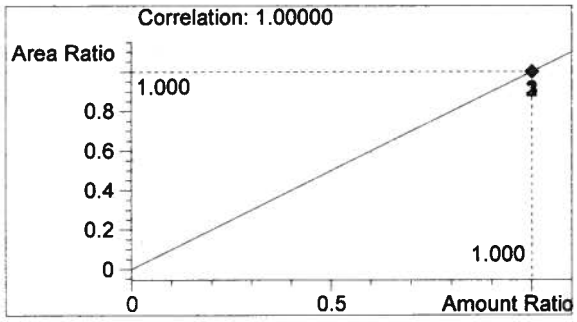
Sample Name: CAL2 0.158
Operator: Katie Knorr
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1176	1.017
2	n-Propanol	1526	1.743



Ethanol 0.159 g/100mL



n-Propanol 0.012 g/100mL

14008

Data File: C:\HPCHEM\2\DATA\140327KK\SIG10003.D

KK

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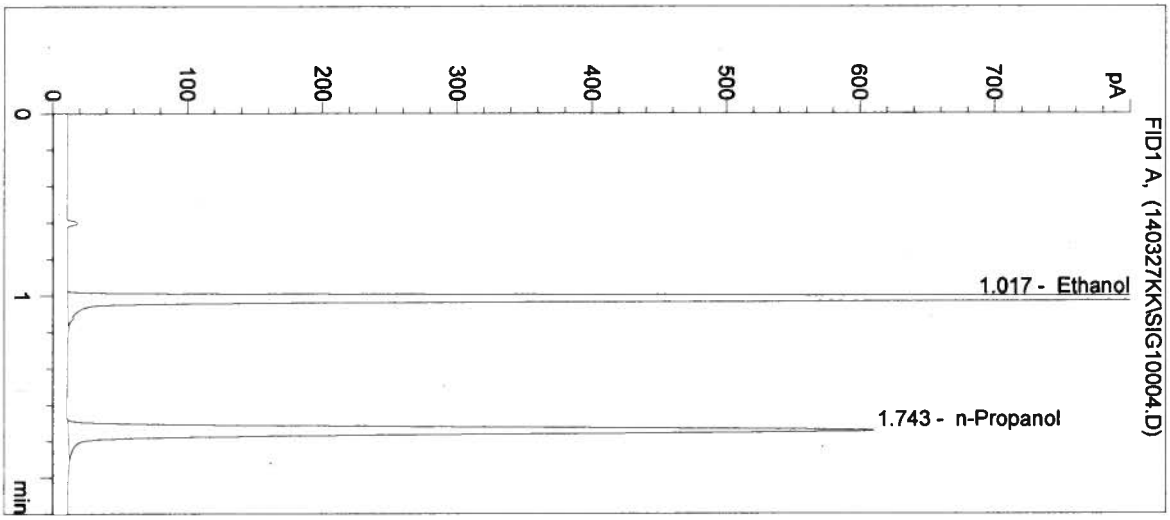
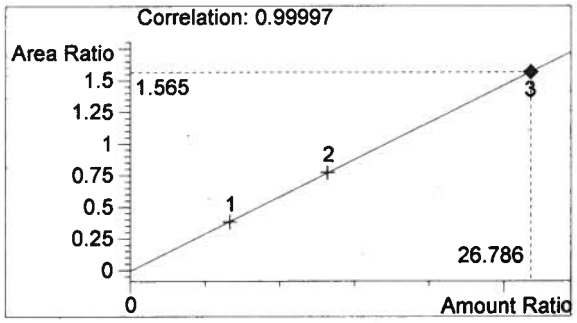
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 1:46:29 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E1213-03 - Exp. 06/03/2014

Sample Name: CAL3 0.316
Operator: Katie Knorr
Location: Vial 4

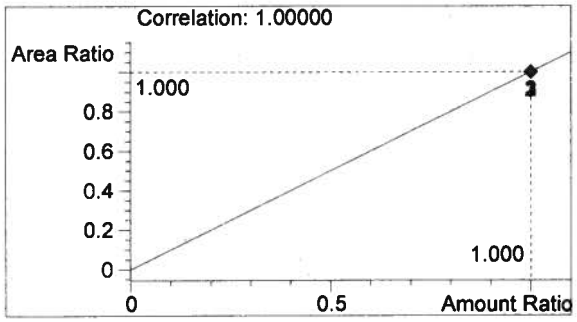


#	Compound	Peak Area	RT (min)
1	Ethanol	2519	1.017
2	n-Propanol	1610	1.743



Ethanol 0.321 g/100mL

14008



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140327KK\SIG10004.D

KK

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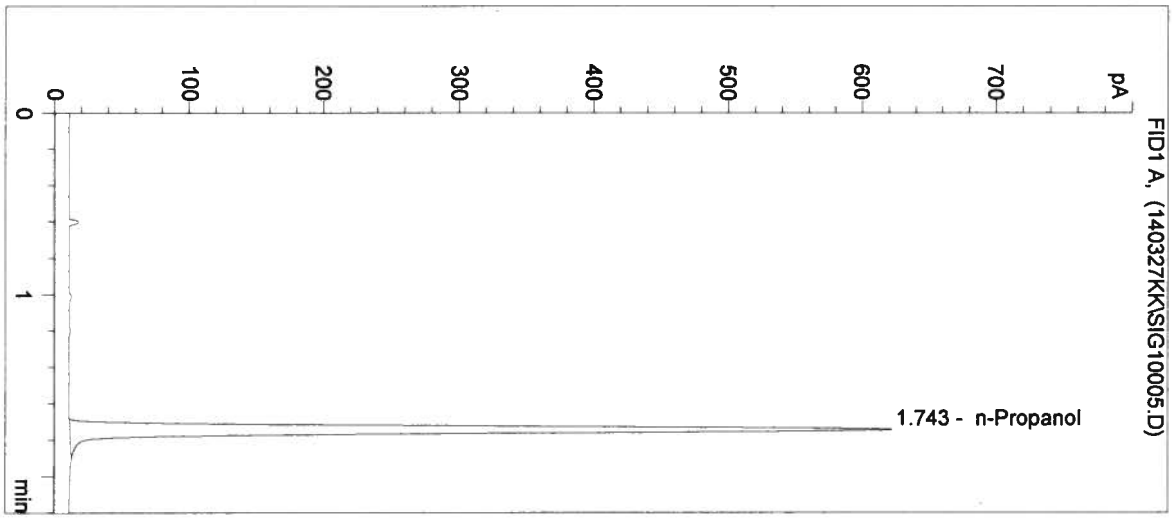
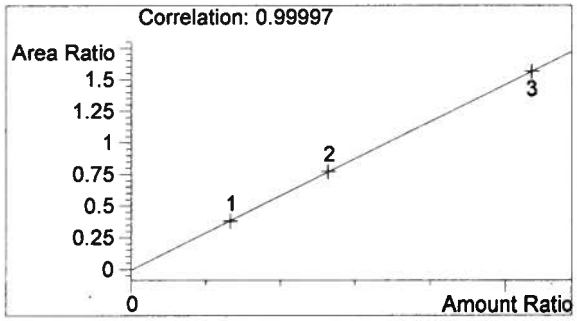
Inj. Date: 3/27/2014 1:49:36 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

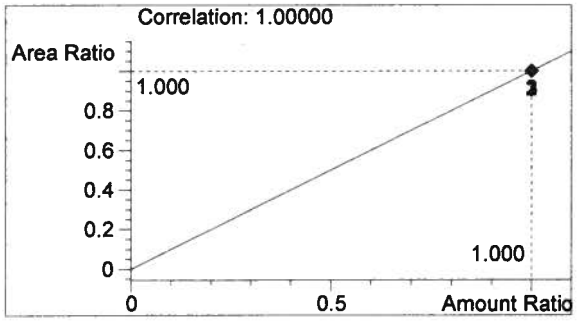


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1641	1.743



Ethanol 0.000 g/100mL

14008



n-Propanol 0.012 g/100mL

KK

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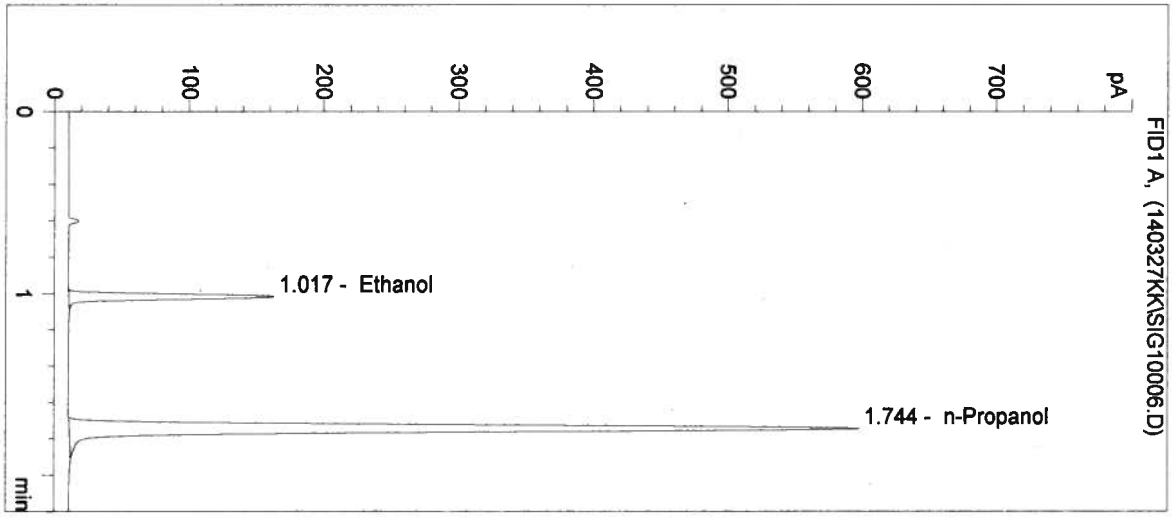
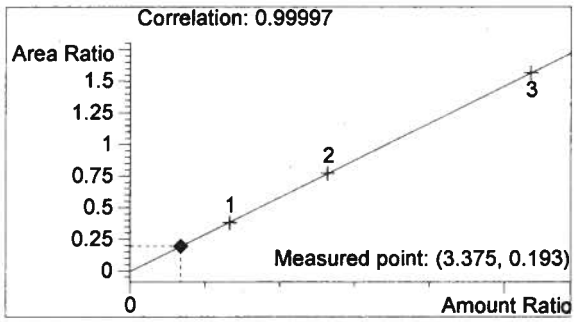
Inj. Date: 3/27/2014 1:52:44 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.04g/100mL

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

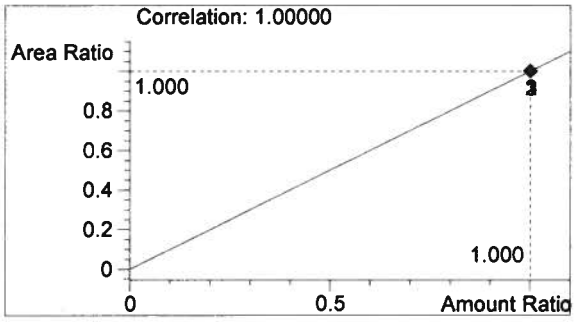


#	Compound	Peak Area	RT (min)
1	Ethanol	304	1.017
2	n-Propanol	1577	1.744



Ethanol 0.040 g/100mL

14008



n-Propanol 0.012 g/100mL

KK

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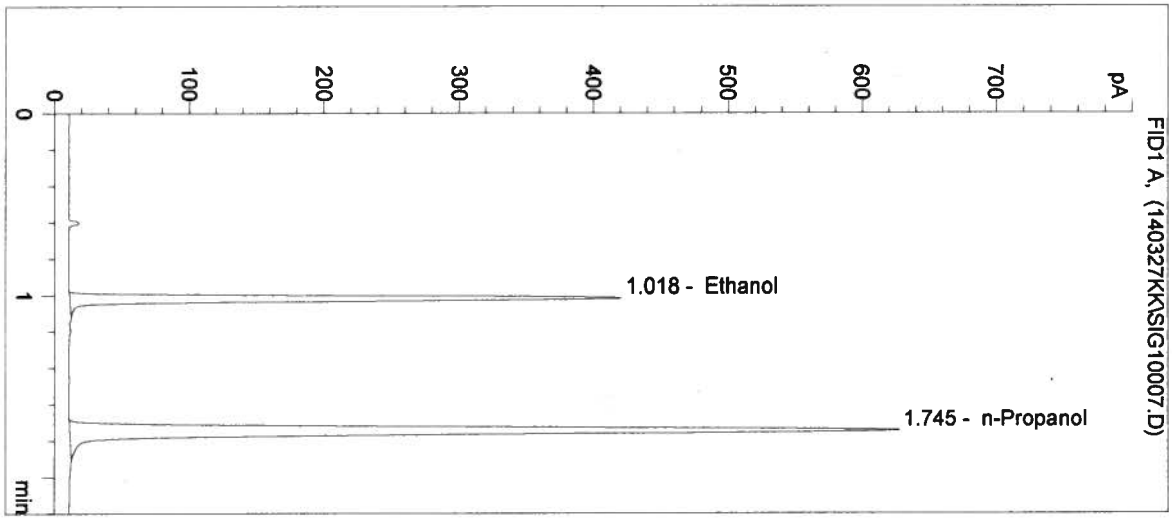
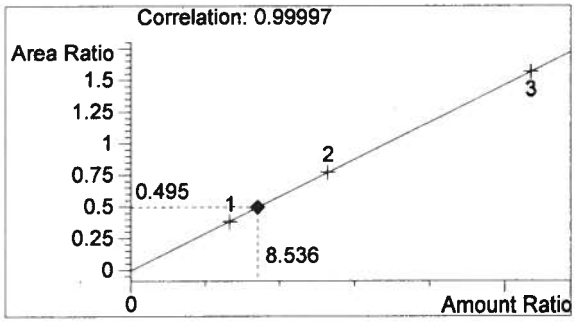
Inj. Date: 3/27/2014 1:55:51 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL

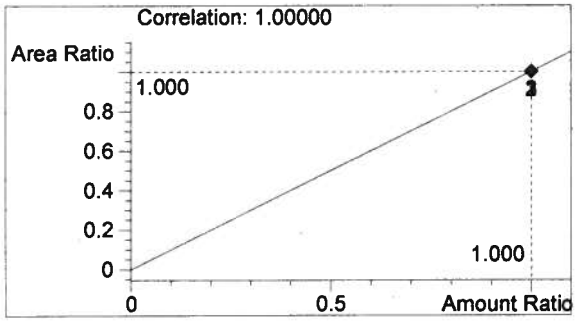
Sample Name: 0.10 CTRL
Operator: Katie Knorr
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	821	1.018
2	n-Propanol	1658	1.745



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

14008

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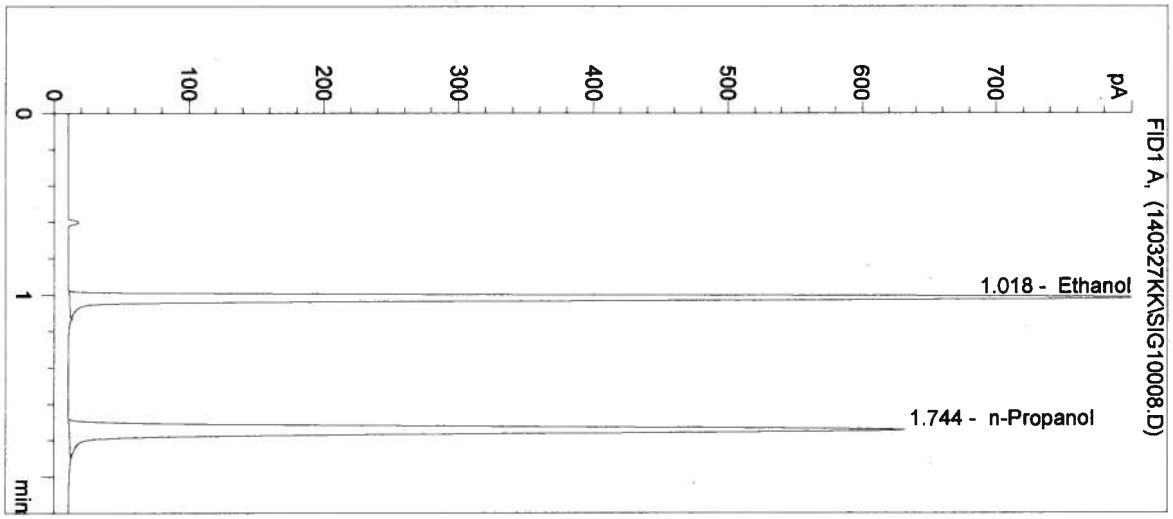
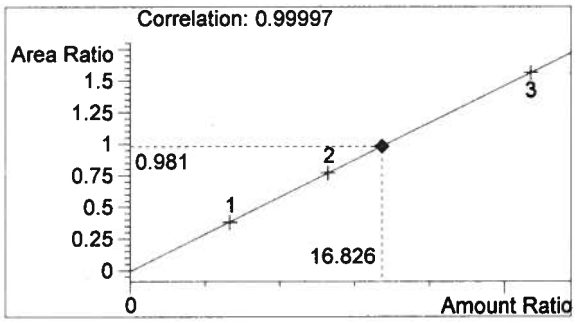
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 1:58:59 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.20g/100mL

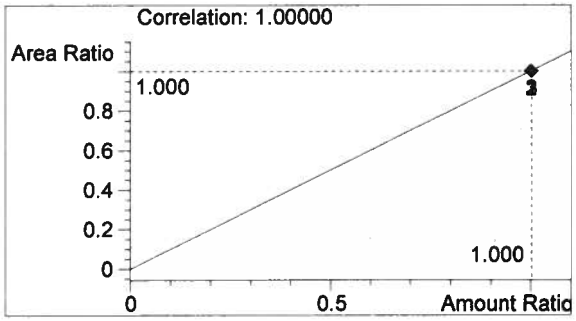
Sample Name: 0.20 CTRL
Operator: Katie Knorr
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1635	1.018
2	n-Propanol	1666	1.744



Ethanol 0.202 g/100mL



n-Propanol 0.012 g/100mL

14008

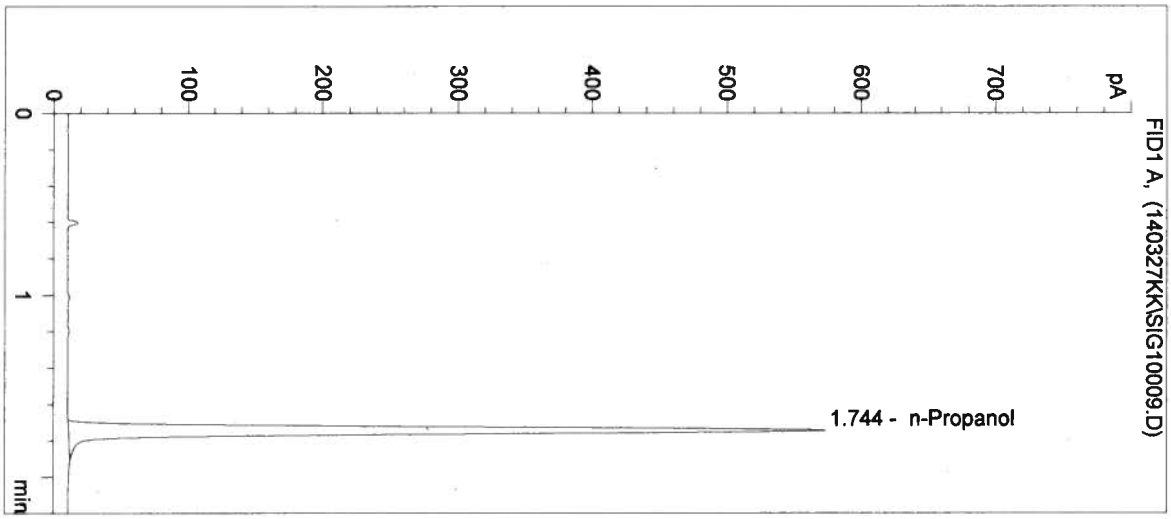
Data File: C:\HPCHEM\2\DATA\140327KK\SIG10008.D

KK

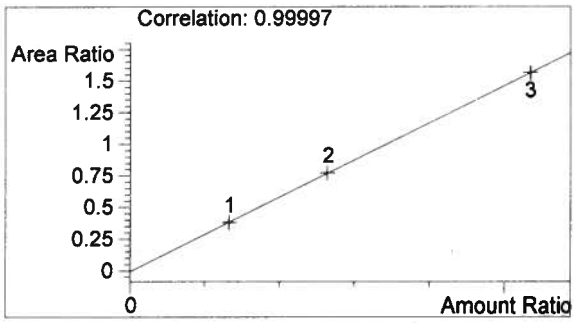
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 2:02:06 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

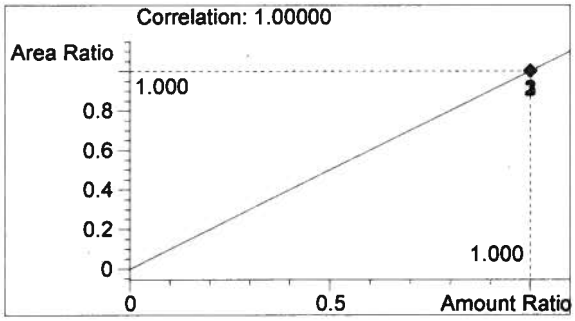
Sample Name: NEG CTRL
Operator: Katie Knorr
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1507	1.744



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14008

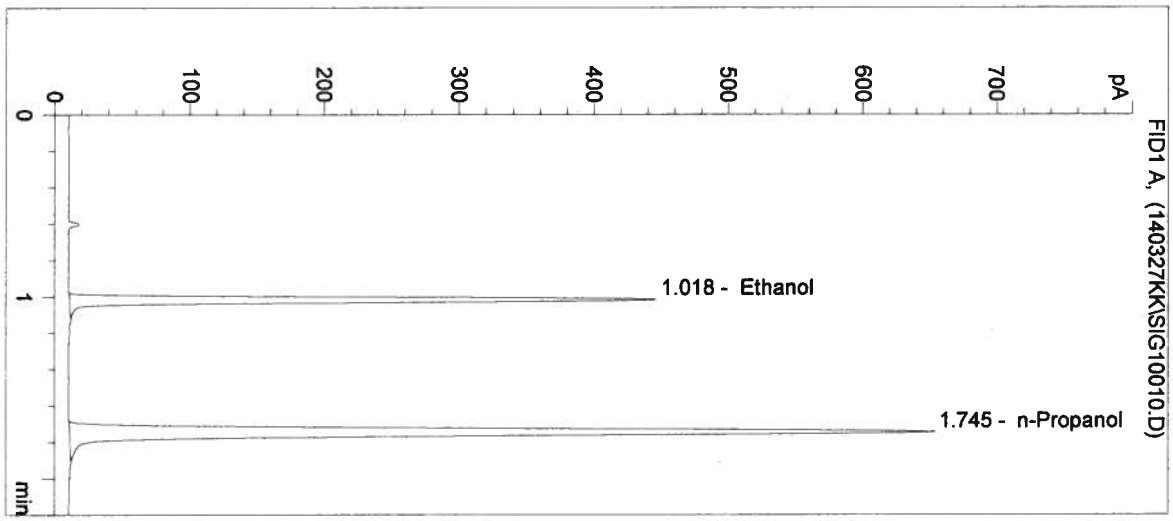
Data File: C:\HPCHEM\2\DATA\140327KK\SIG10009.D

KK

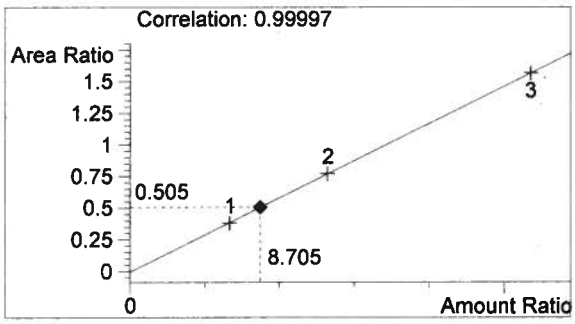
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 2:05:14 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

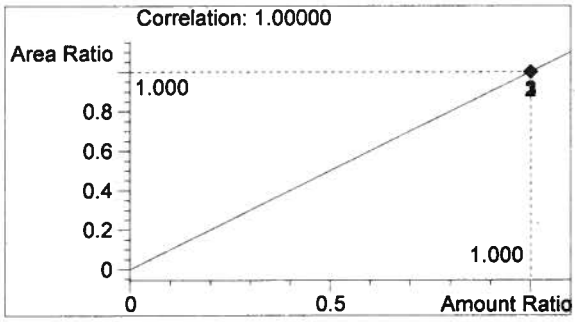
Sample Name: 14008-1
Operator: Katie Knorr
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	872	1.018
2	n-Propanol	1725	1.745



Ethanol 0.104 g/100mL



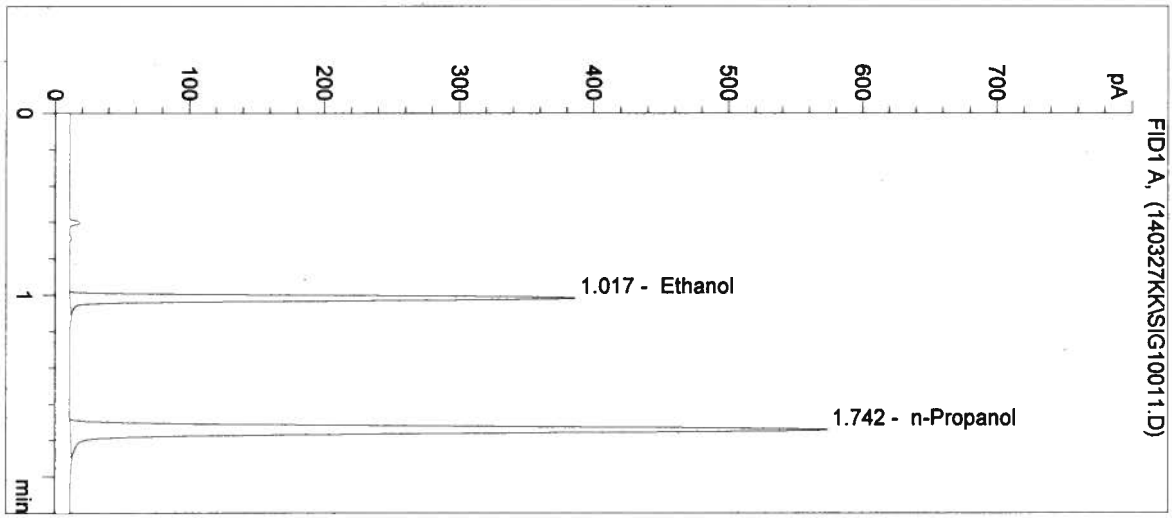
n-Propanol 0.012 g/100mL

KK

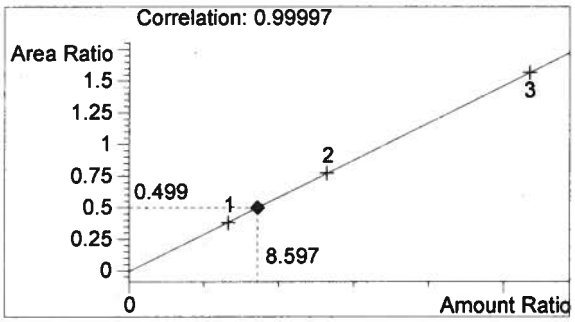
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 2:08:21 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

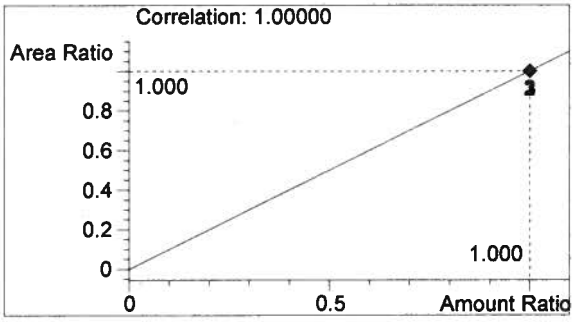
Sample Name: 14008-2
Operator: Katie Knorr
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	754	1.017
2	n-Propanol	1512	1.742



Ethanol 0.103 g/100mL



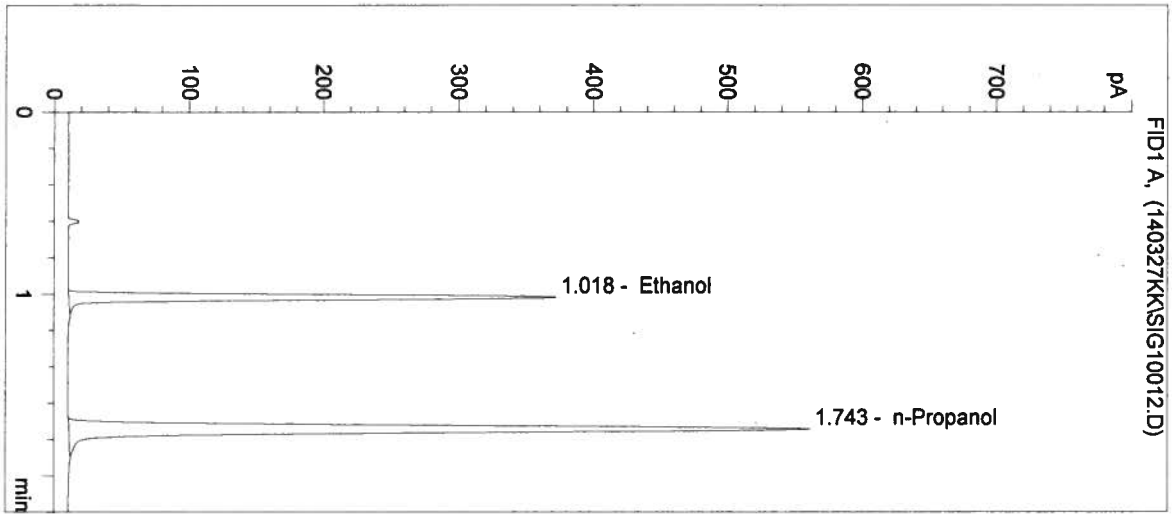
n-Propanol 0.012 g/100mL

KK

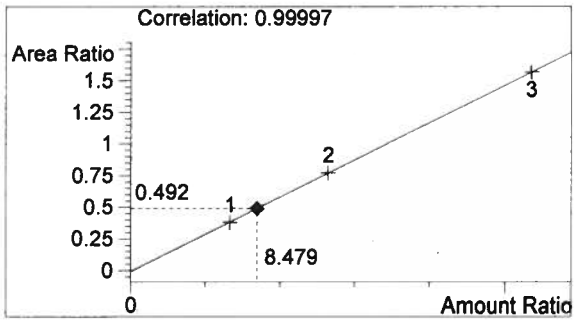
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 2:11:29 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

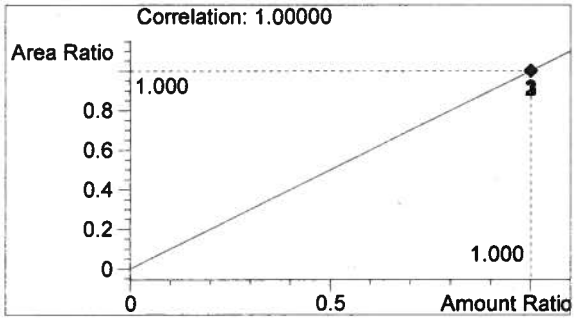
Sample Name: 14008-3
Operator: Katie Knorr
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	728	1.018
2	n-Propanol	1480	1.743



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

KK

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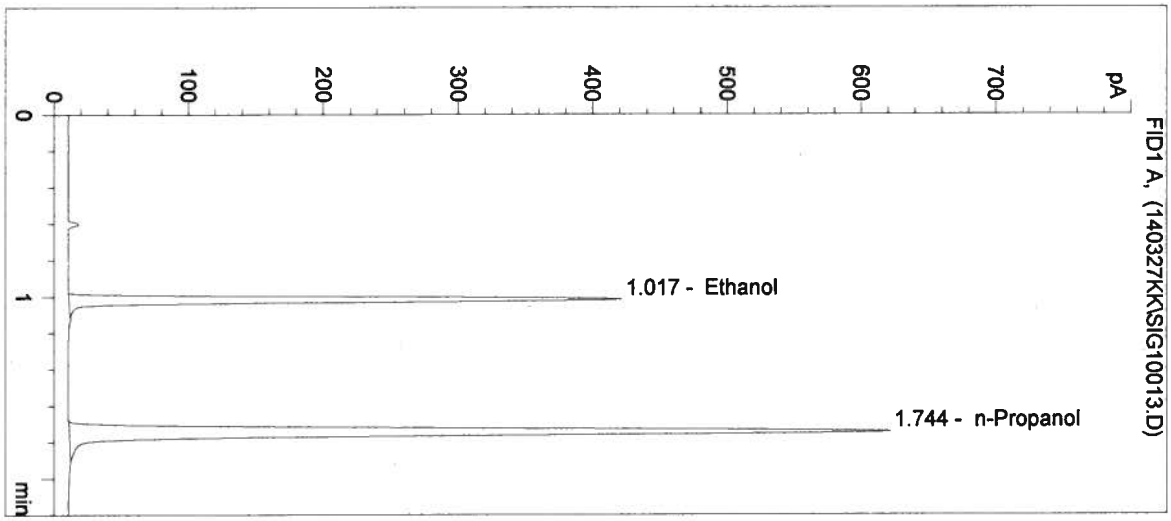
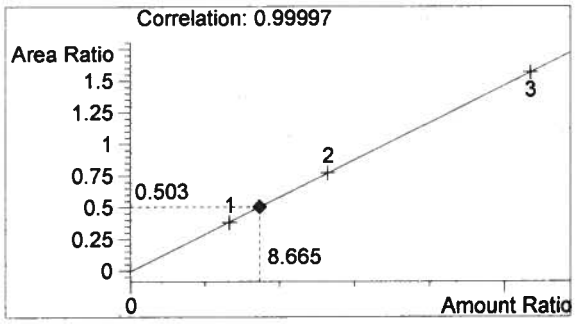
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 2:14:36 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

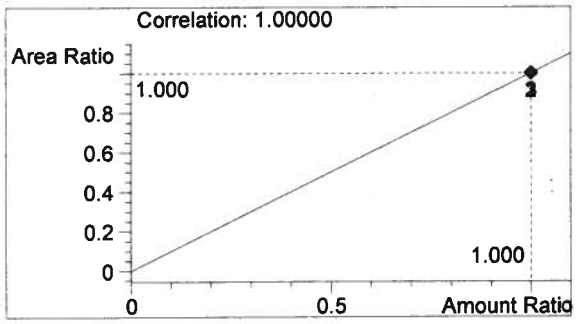
Sample Name: 14008-4
Operator: Katie Knorr
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	826	1.017
2	n-Propanol	1642	1.744



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

KK

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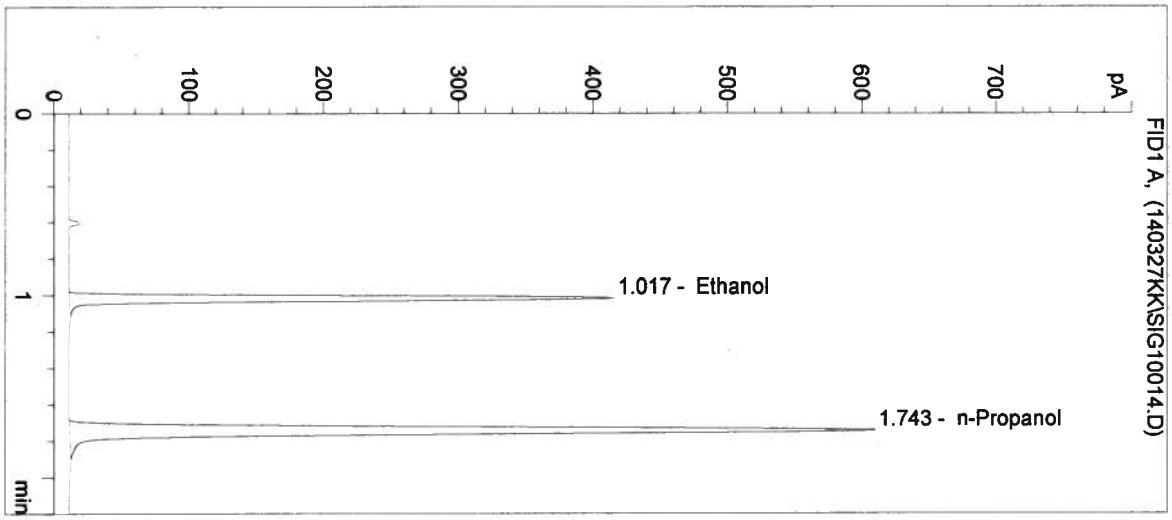
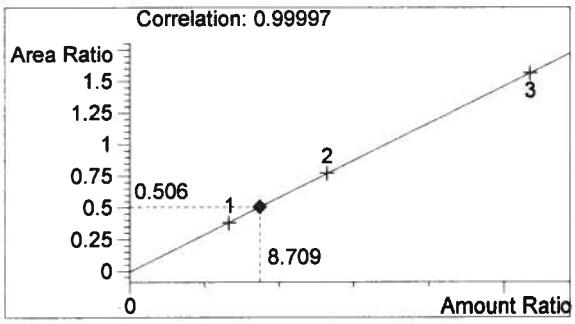
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 2:17:44 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

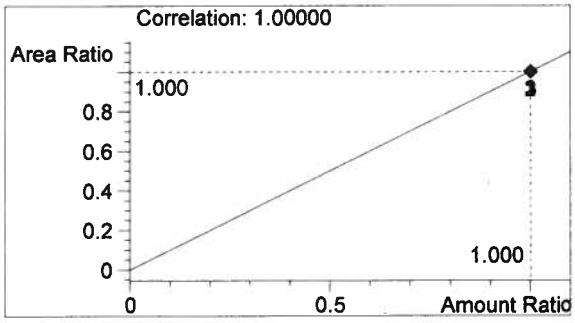
Sample Name: 14008-5
Operator: Katie Knorr
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	813	1.017
2	n-Propanol	1608	1.743



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140327KK\SIG10014.D

KK

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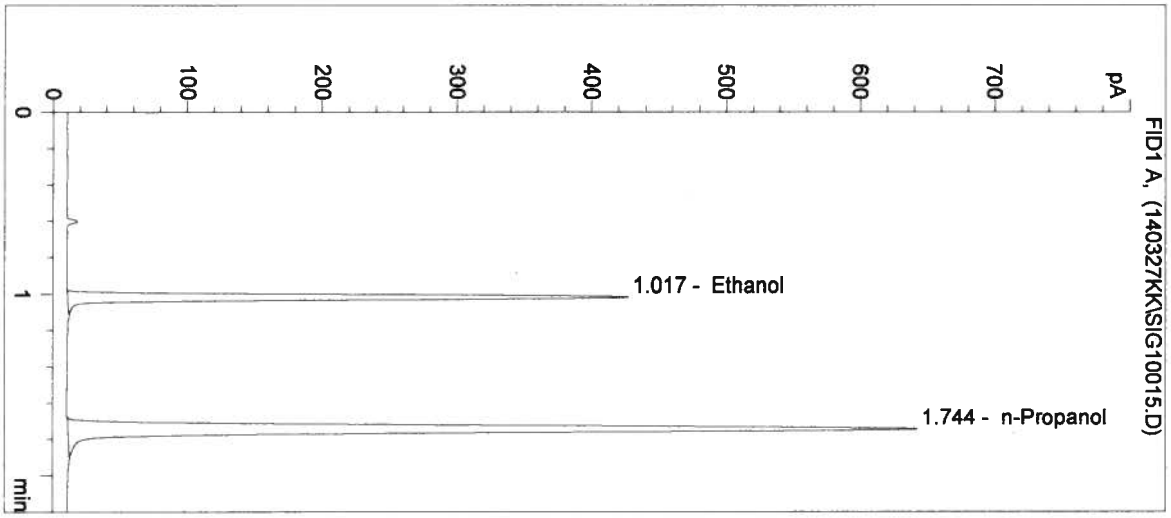
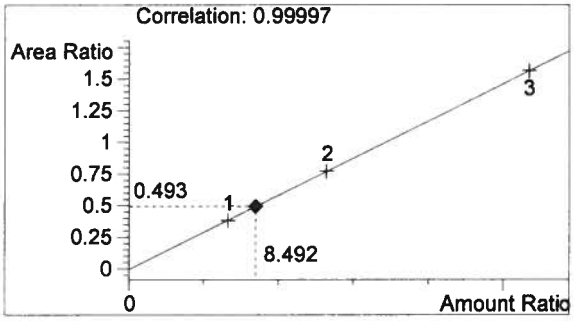
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 2:20:51 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL

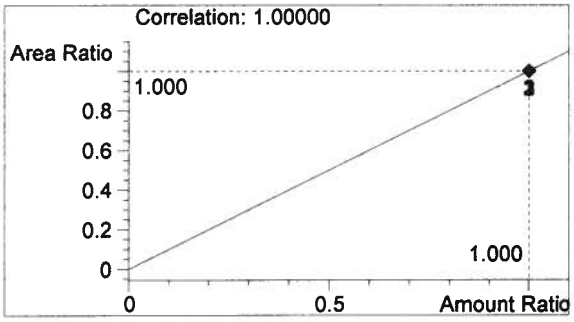
Sample Name: 0.10 CTRL
Operator: Katie Knorr
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	835	1.017
2	n-Propanol	1695	1.744



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

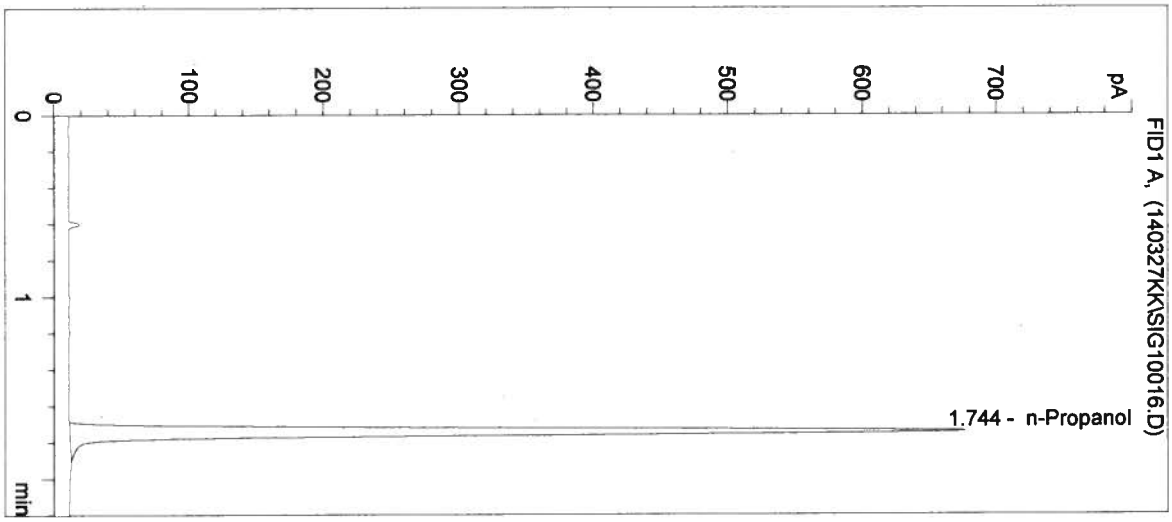
14008

KK

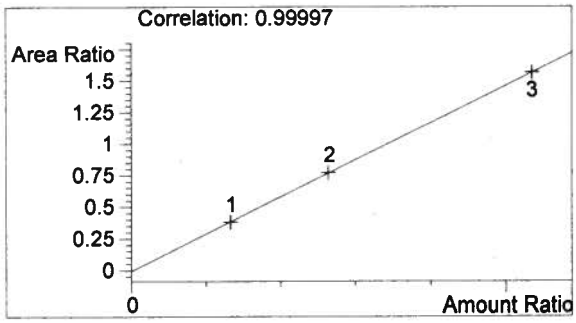
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 2:23:59 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

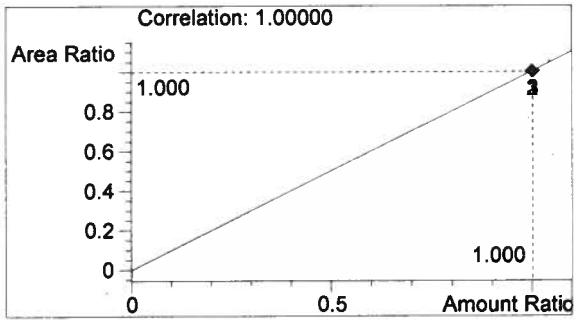


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1789	1.744



Ethanol 0.000 g/100mL

14008



n-Propanol 0.012 g/100mL

KK

Sequence Parameters:

Operator:	Justin Knoy
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	140327JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:

Cal 1 (0.079 g/100mL) - Lot#E1213-01 - Exp 6/03/14
Cal 2 (0.158 g/100mL) - Lot#E1213-02 - Exp 6/03/14
Cal 3 (0.316 g/100mL) - Lot#E1213-03 - Exp 6/03/14

CTRL 1 (0.04 g/100mL) - Lot#FN120110-04 - Exp 12/2015
CTRL 2 (0.10 g/100mL) - Lot#A095230 - Exp 09/2017
CTRL 3 (0.20 g/100mL) - Lot#FN100511-01 - Exp 10/2016

n-Propanol 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	SIMALC3	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC3	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC3	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC3	1	Ctrl Samp		
10	Vial 10	14008-1	SIMALC3	1	Sample		
11	Vial 11	14008-2	SIMALC3	1	Sample		
12	Vial 12	14008-3	SIMALC3	1	Sample		
13	Vial 13	14008-4	SIMALC3	1	Sample		
14	Vial 14	14008-5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	CAL1 0.079	SIMALC3	1	Replace	Replace	
3	Vial 3	CAL2 0.158	SIMALC3	2	Replace	Replace	
4	Vial 4	CAL3 0.316	SIMALC3	3	Replace	Replace	

JK

Sequence: C:\HPCHEM\2\SEQUENCE\JKESS3.S

Sequence Table (Back Injector):

No entries - empty table!

14008

Calibration Table

Calib. Data Modified : Thursday, March 27, 2014 10:22:11 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
1.017	1	1	8.00300e-2	569.67267	1.40484e-4	1		Ethanol
		2	1.58560e-1	1115.44897	1.42149e-4			
		3	3.21220e-1	2201.70728	1.45896e-4			
1.740	1	1	1.20000e-2	1506.83862	7.96369e-6	I1		n-Propanol
		2	1.20000e-2	1481.29480	8.10102e-6			
		3	1.20000e-2	1472.16528	8.15126e-6			

14008

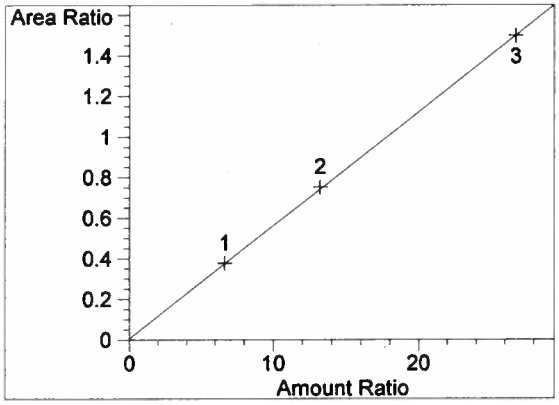
Peak Sum Table

No Entries in table

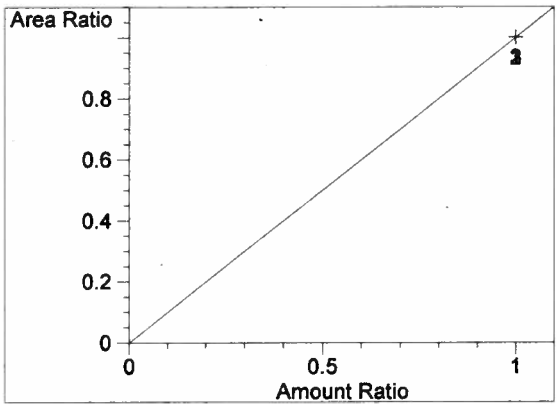
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99994
Residual Std. Dev.: 0.00854
Formula: y = mx + b
m: 5.58595e-2
b: 5.18700e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.740
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

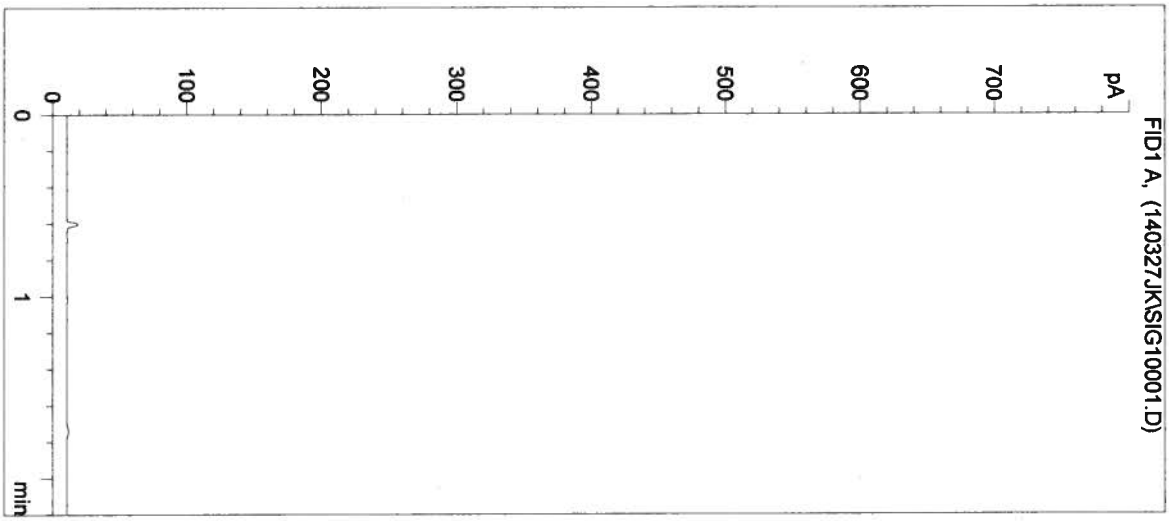
==========

14008

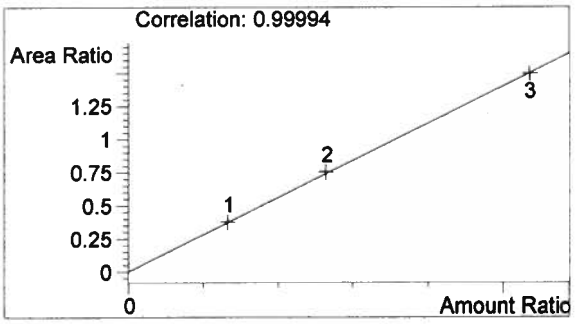
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:10:37 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

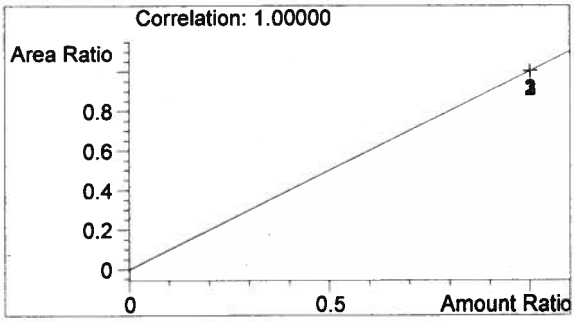


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14008

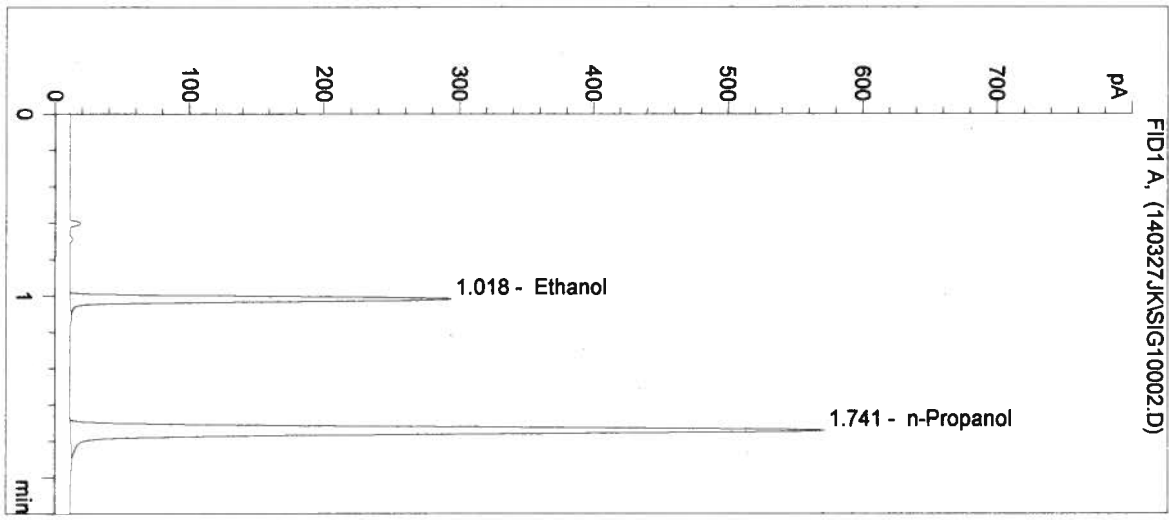


n-Propanol 0.000 g/100mL

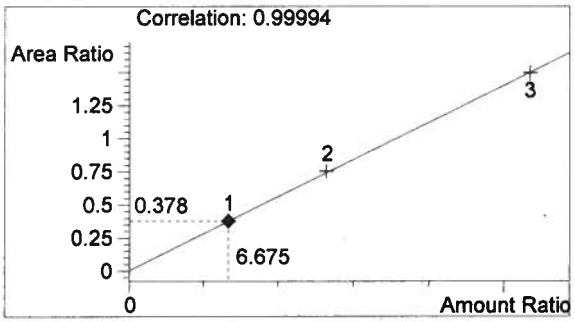
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:13:44 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E1213-01 - Exp. 06/03/2014

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

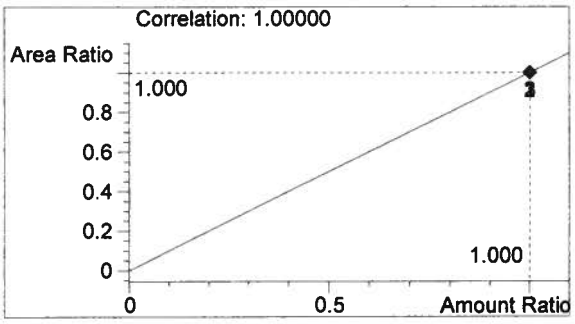


#	Compound	Peak Area	RT (min)
1	Ethanol	570	1.018
2	n-Propanol	1507	1.741



Ethanol 0.080 g/100mL

14008

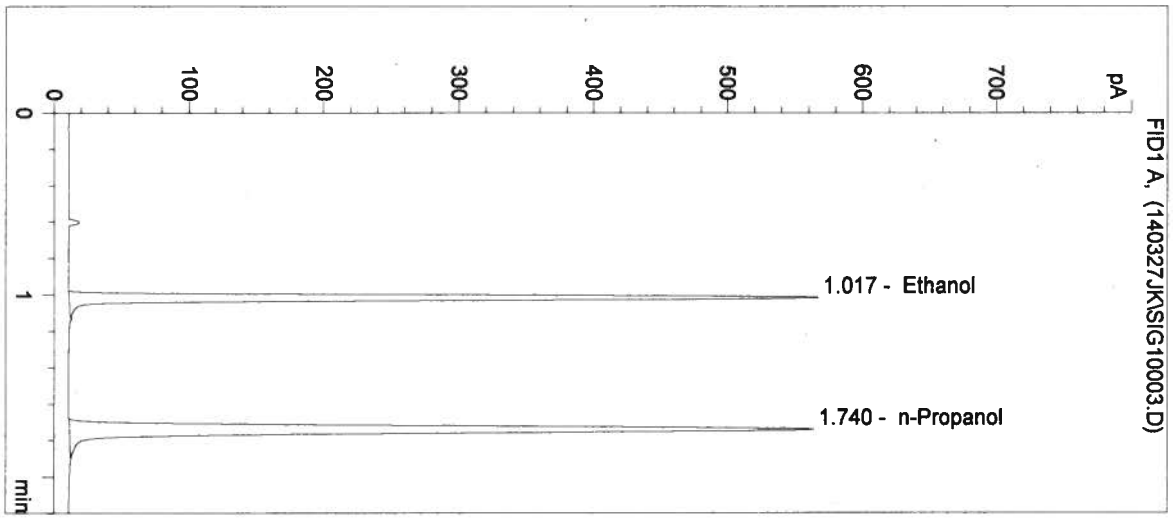


n-Propanol 0.012 g/100mL

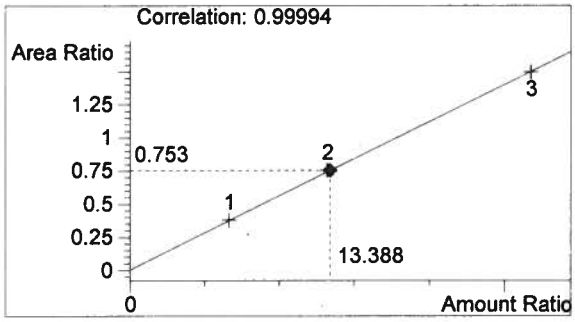
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:16:52 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E1213-02 - Exp. 06/03/2014

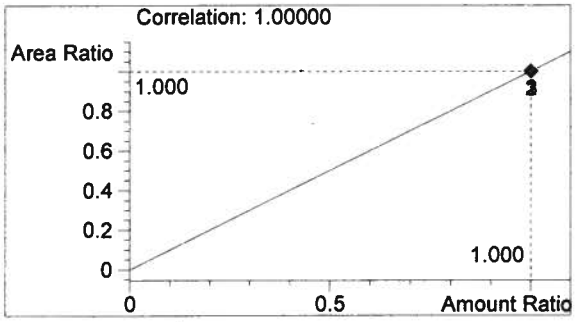
Sample Name: CAL2 0.158
Operator: Justin Knoy
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.017
2	n-Propanol	1481	1.740



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

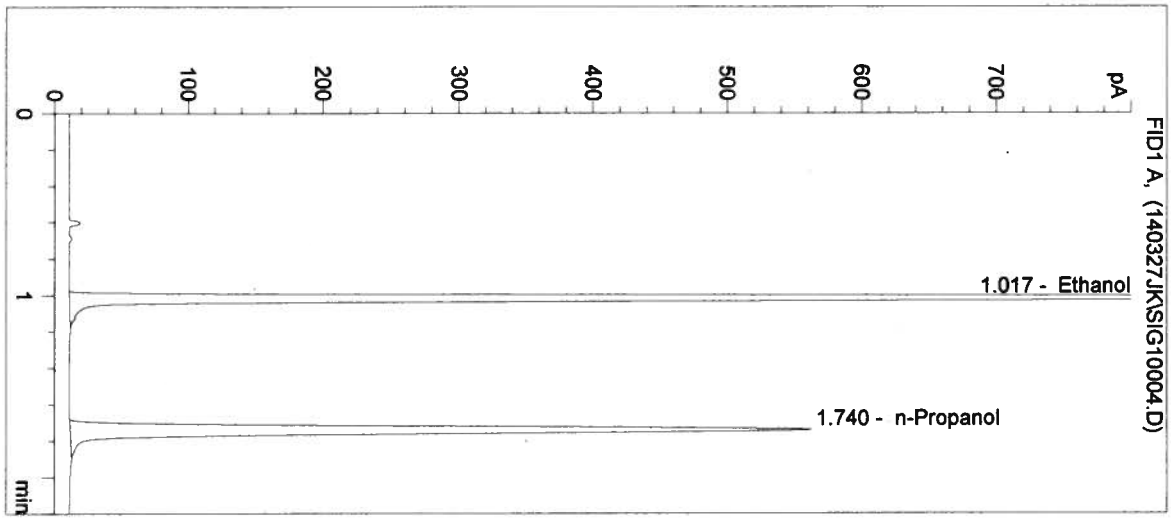
14008

Data File: C:\HPCHEM\2\DATA\140327JK\SIG10003.D

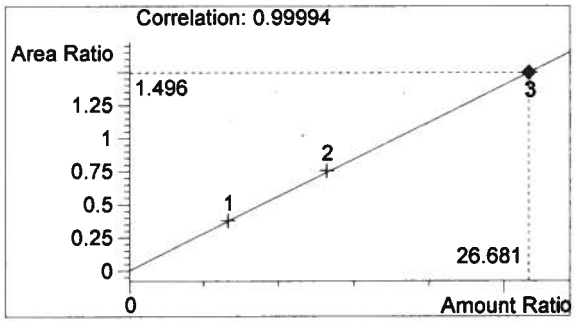
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:19:59 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E1213-03 - Exp. 06/03/2014

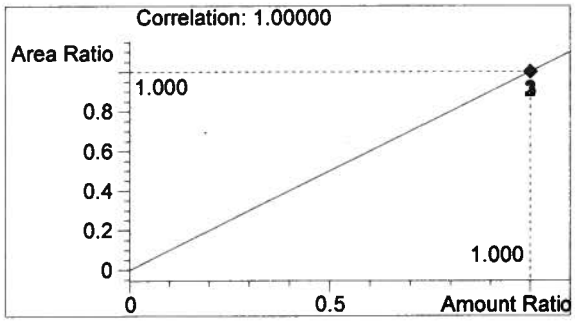
Sample Name: CAL3 0.316
Operator: Justin Knoy
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2202	1.017
2	n-Propanol	1472	1.740



Ethanol 0.320 g/100mL



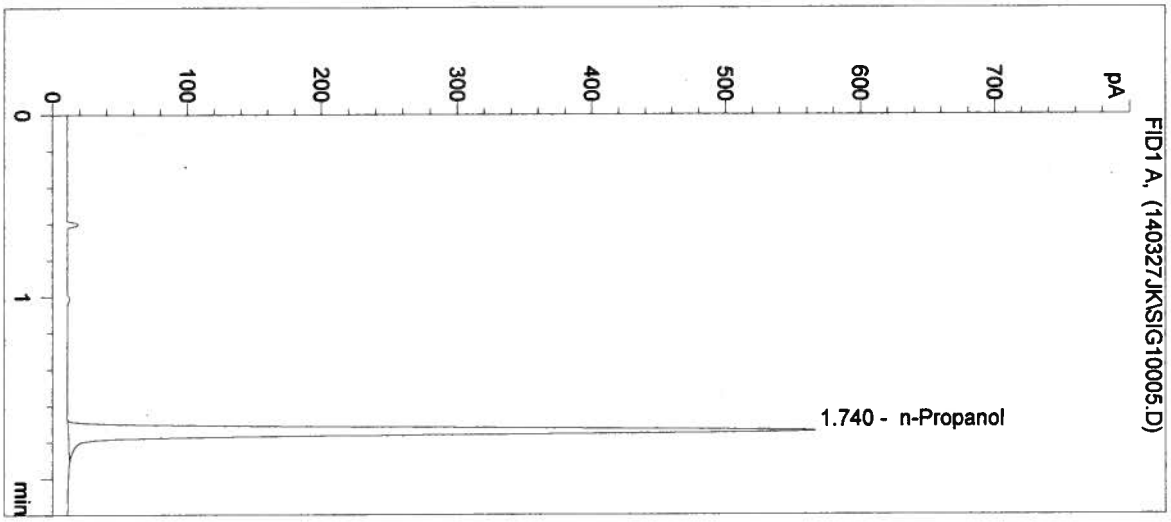
n-Propanol 0.012 g/100mL

14008

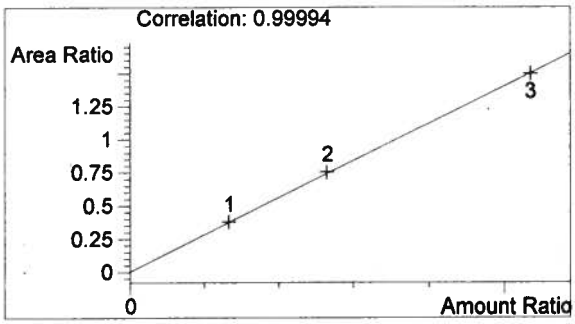
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:23:07 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

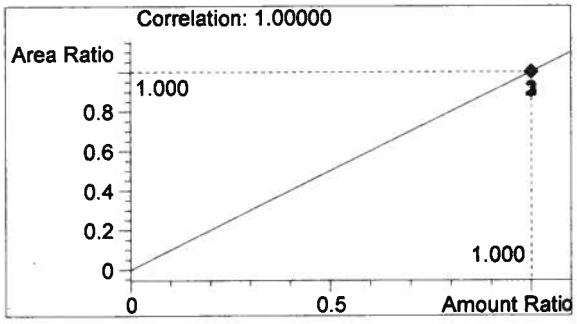
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1487	1.740



Ethanol 0.000 g/100mL



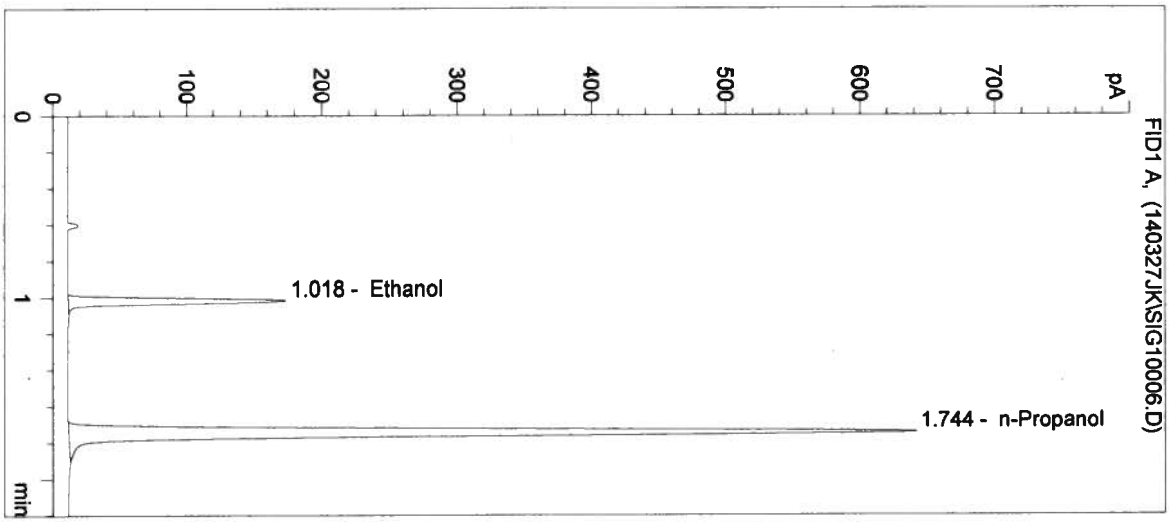
n-Propanol 0.012 g/100mL

14008

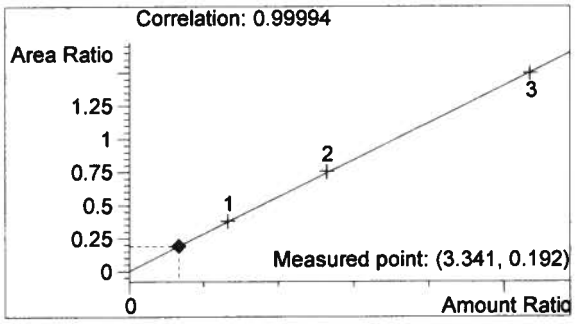
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:26:14 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.04g/100mL

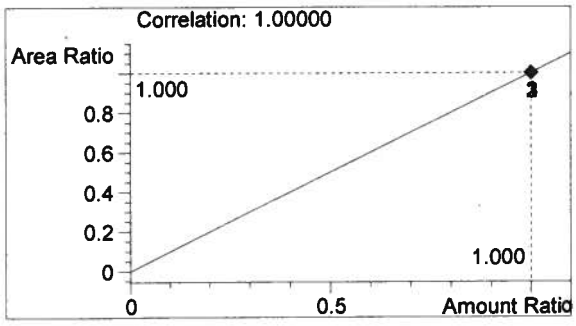
Sample Name: 0.04 CTRL JK
Operator: Justin Knoy
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	325	1.018
2	n-Propanol	1693	1.744



Ethanol 0.040 g/100mL



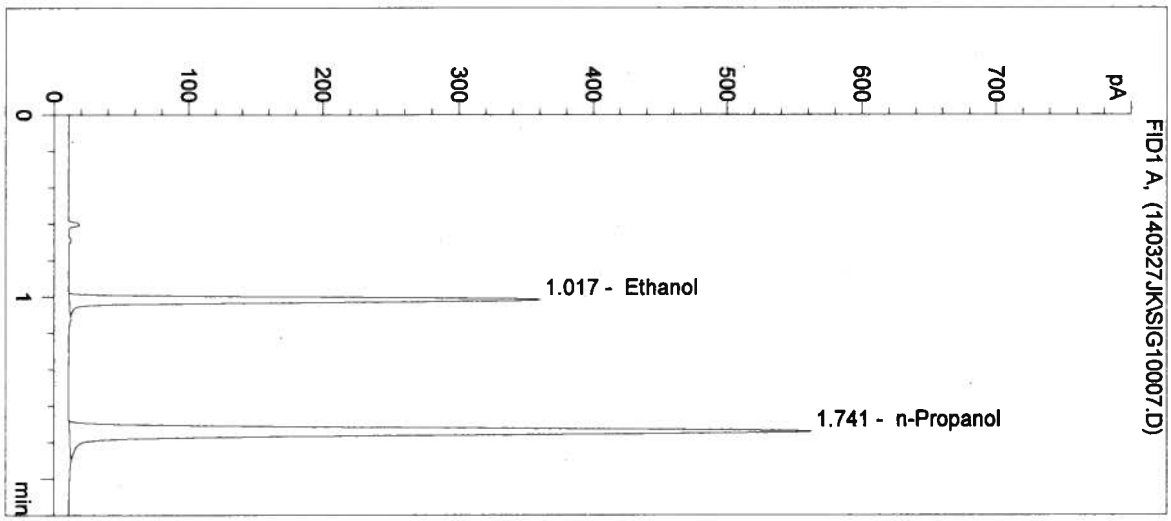
n-Propanol 0.012 g/100mL

14008

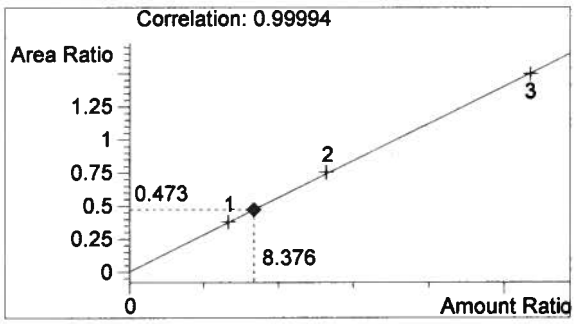
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:29:21 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL

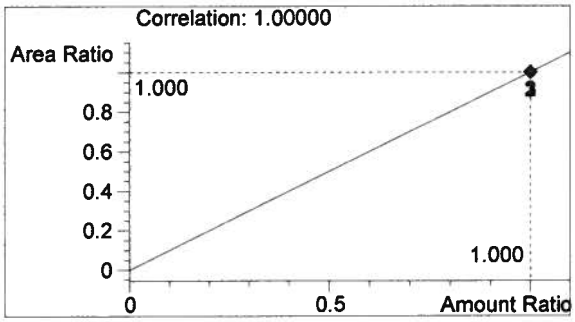
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	700	1.017
2	n-Propanol	1480	1.741



Ethanol 0.101 g/100mL



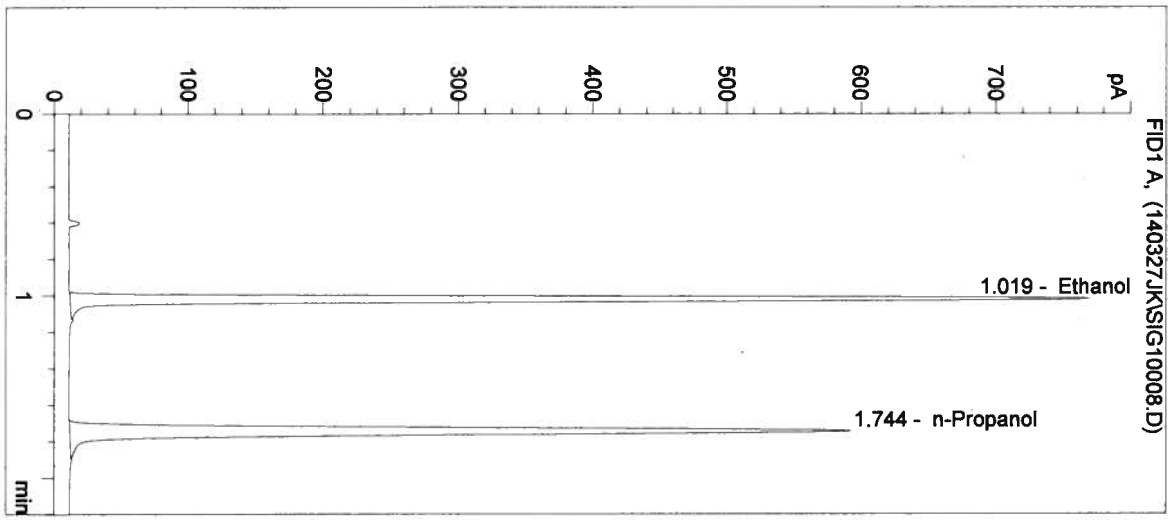
n-Propanol 0.012 g/100mL

14008

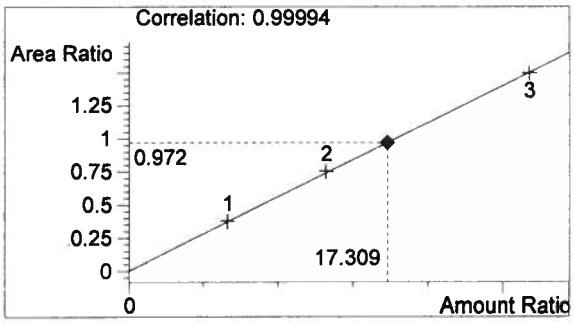
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:32:29 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.20g/100mL

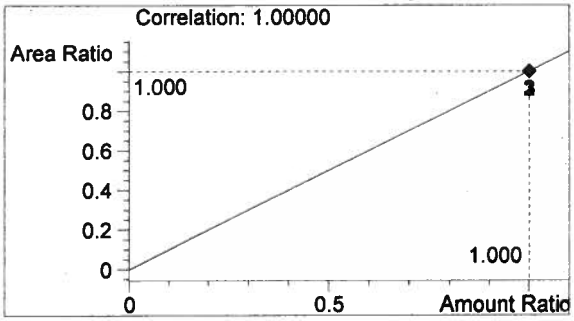
Sample Name: 0.20 CTRL JK
Operator: Justin Knoy
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1515	1.019
2	n-Propanol	1558	1.744



Ethanol 0.208 g/100mL



n-Propanol 0.012 g/100mL

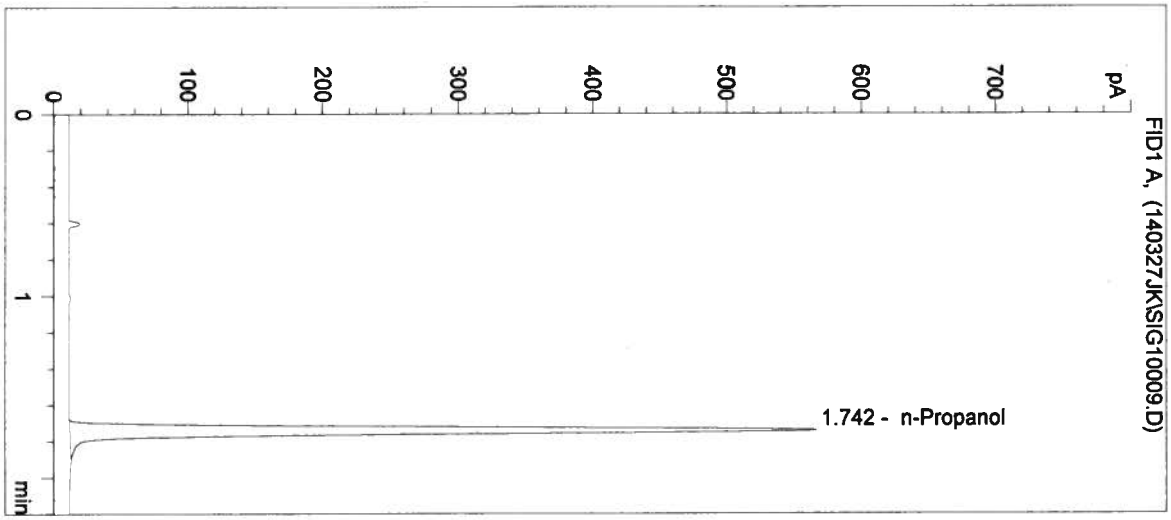
14008

Data File: C:\HPCHEM\2\DATA\140327JK\SIG10008.D

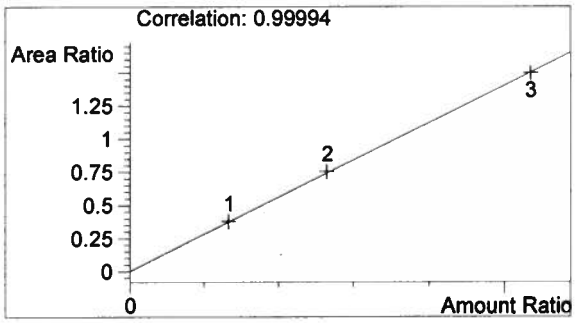
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:35:36 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

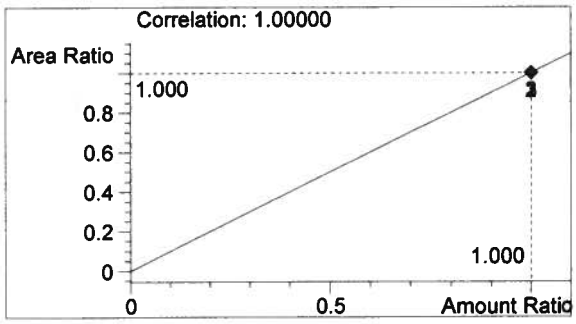
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1488	1.742



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

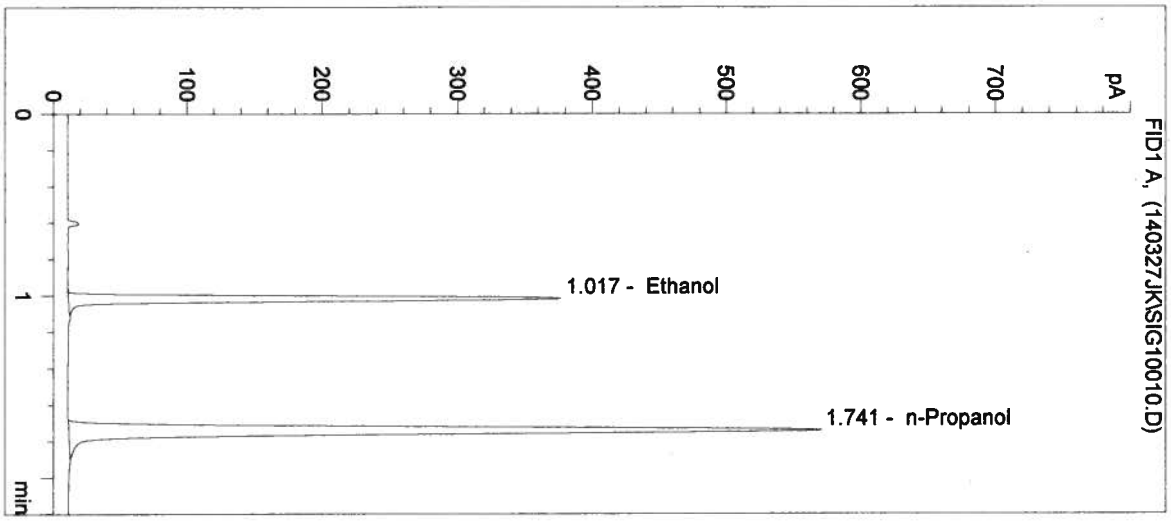
14008

Data File: C:\HPCHEM\2\DATA\140327JK\SIG10009.D

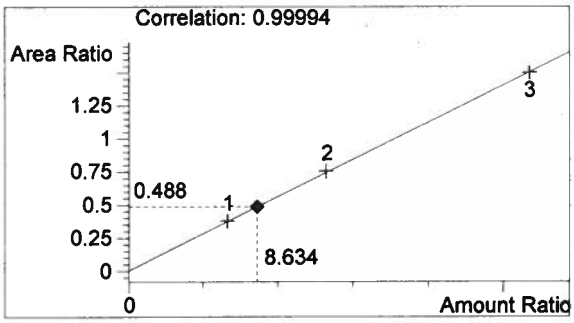
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:38:44 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

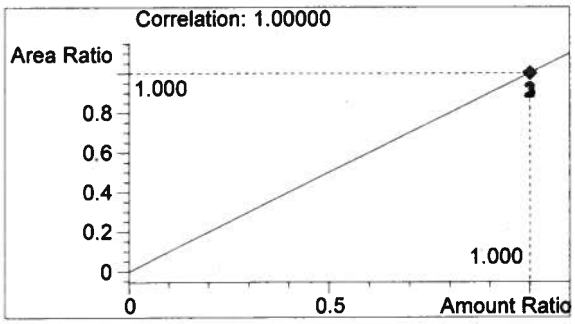
Sample Name: 14008-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	733	1.017
2	n-Propanol	1503	1.741



Ethanol 0.104 g/100mL

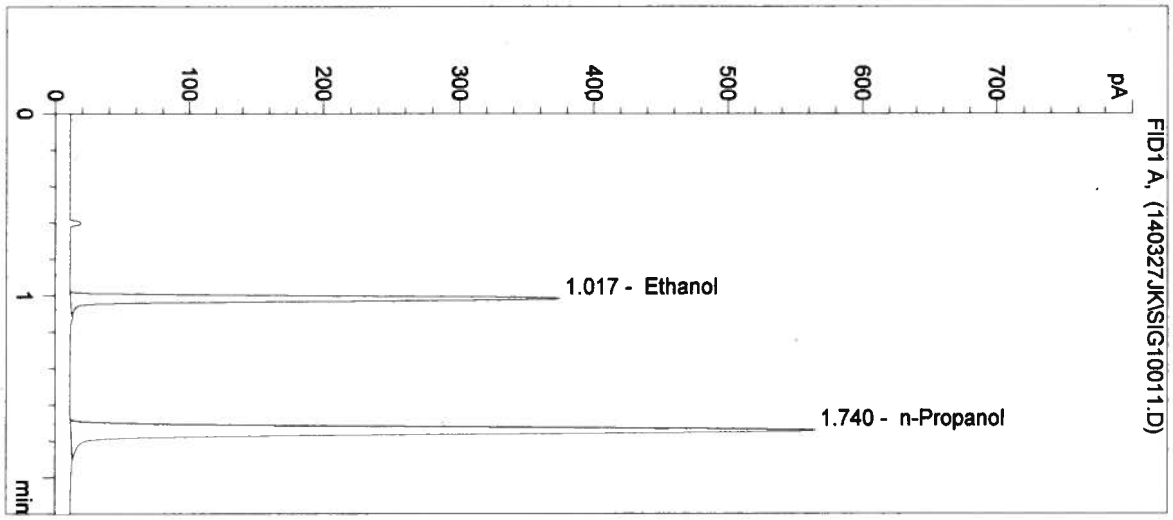


n-Propanol 0.012 g/100mL

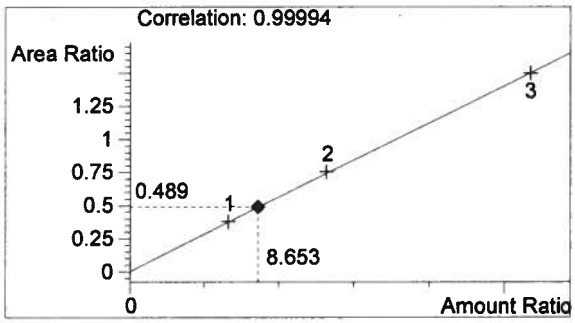
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:41:51 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

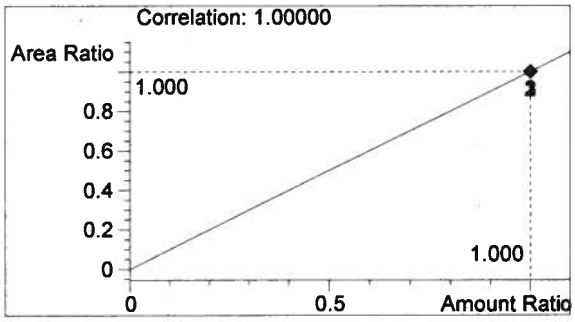
Sample Name: 14008-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	726	1.017
2	n-Propanol	1486	1.740



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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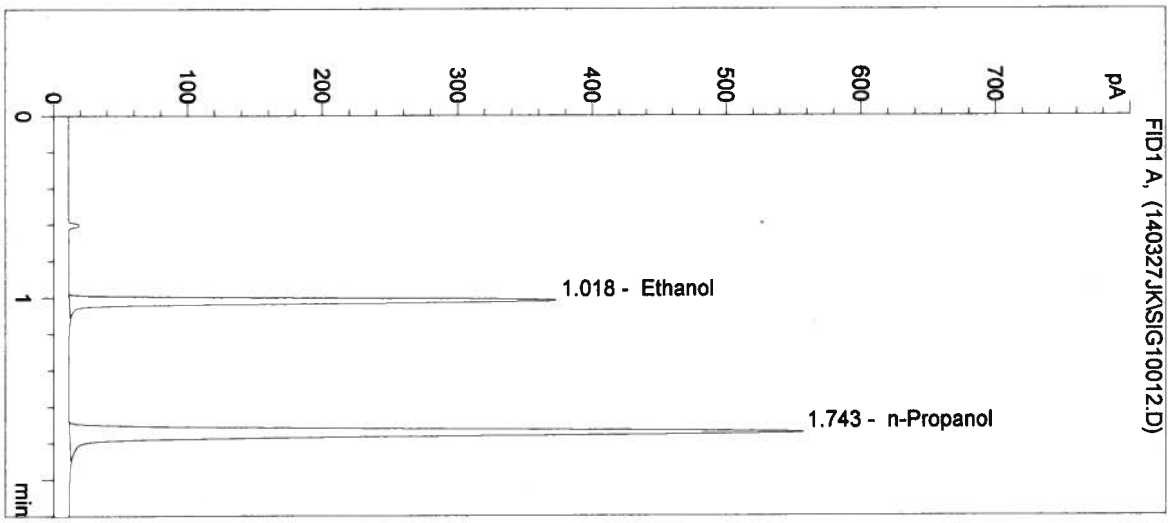
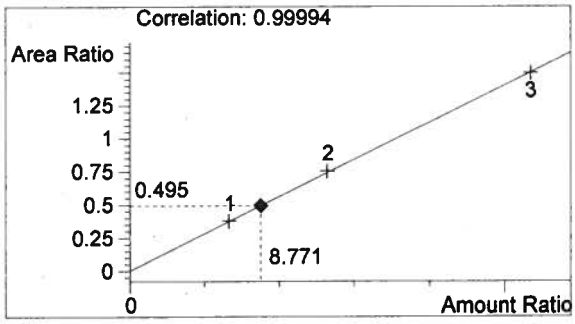
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:44:59 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

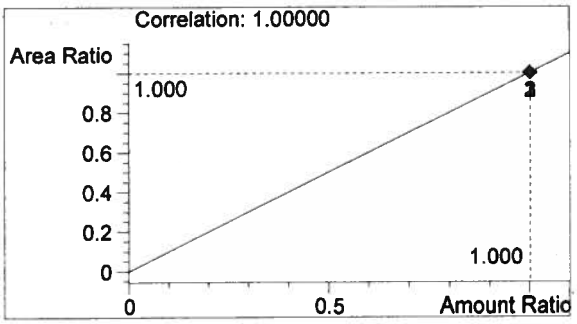
Sample Name: 14008-3
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	722	1.018
2	n-Propanol	1458	1.743



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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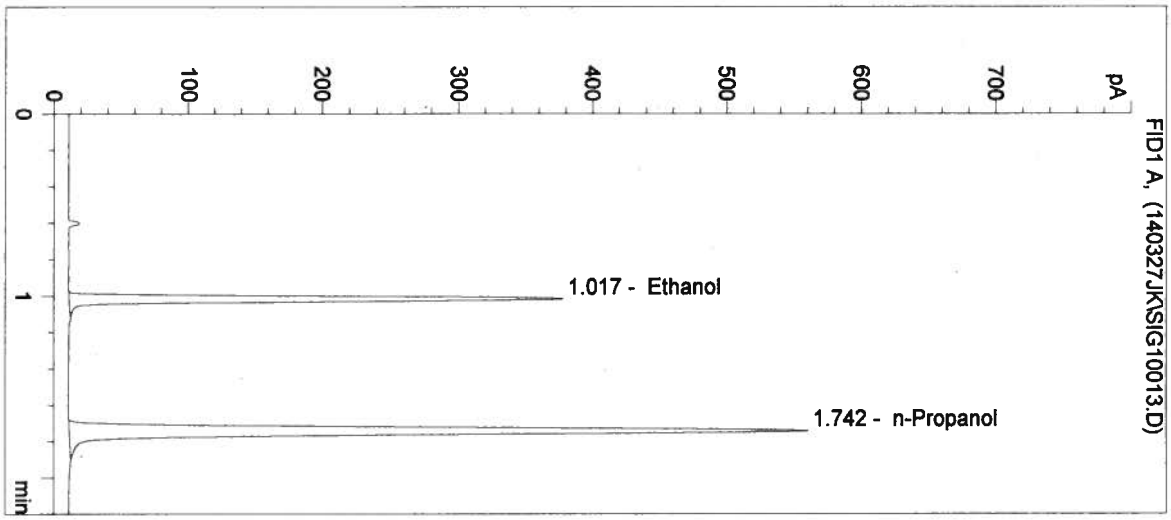
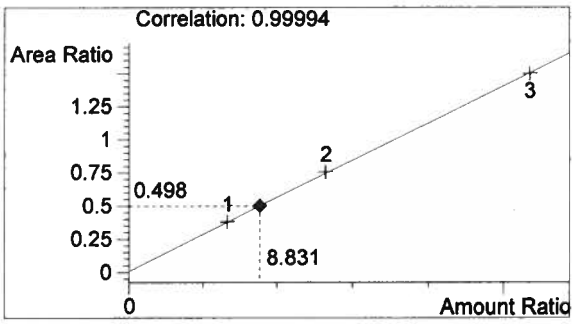
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:48:06 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

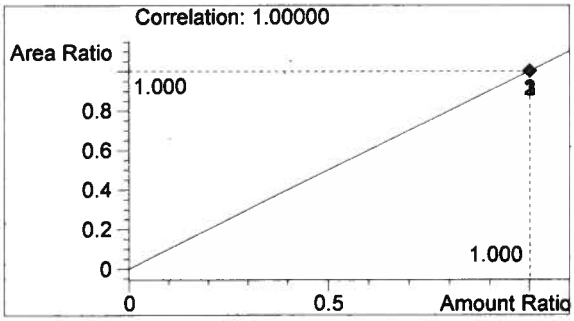
Sample Name: 14008-4
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	734	1.017
2	n-Propanol	1472	1.742



Ethanol 0.106 g/100mL

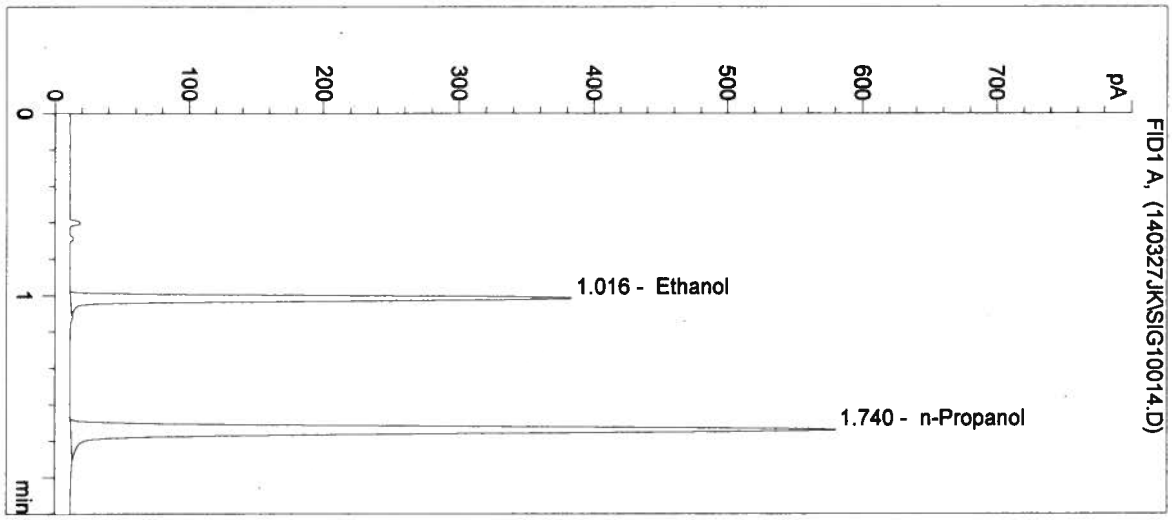


n-Propanol 0.012 g/100mL

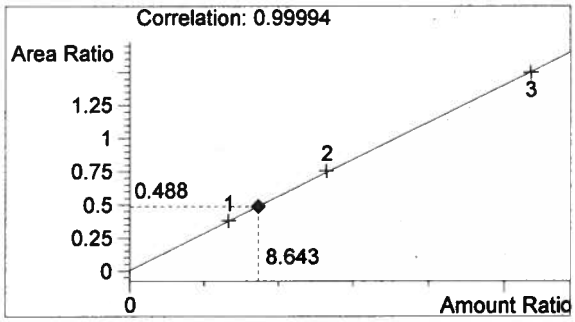
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:51:13 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

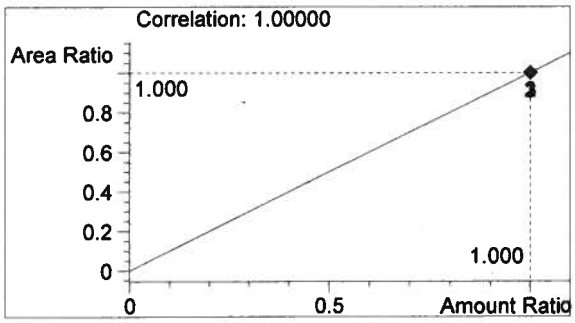
Sample Name: 14008-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	744	1.016
2	n-Propanol	1525	1.740



Ethanol 0.104 g/100mL

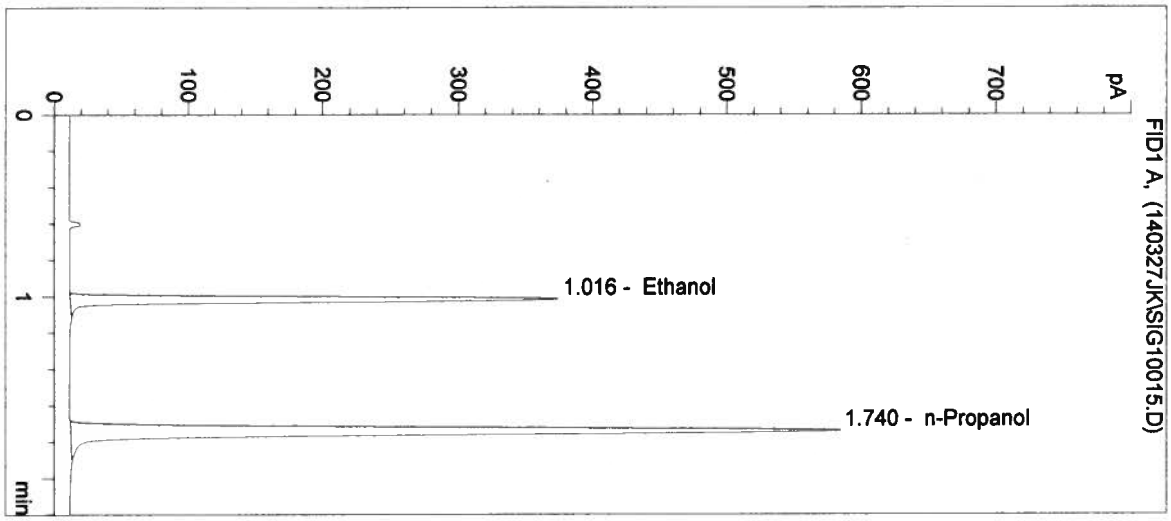


n-Propanol 0.012 g/100mL

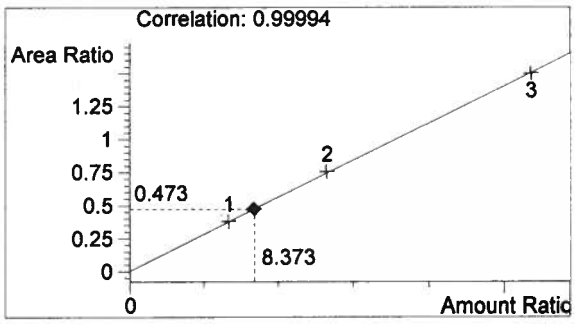
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:54:21 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL

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

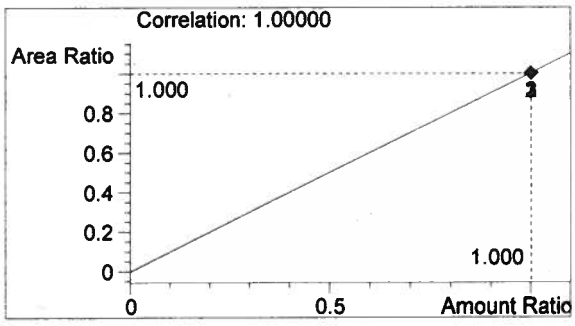


#	Compound	Peak Area	RT (min)
1	Ethanol	726	1.016
2	n-Propanol	1535	1.740



Ethanol 0.100 g/100mL

14008

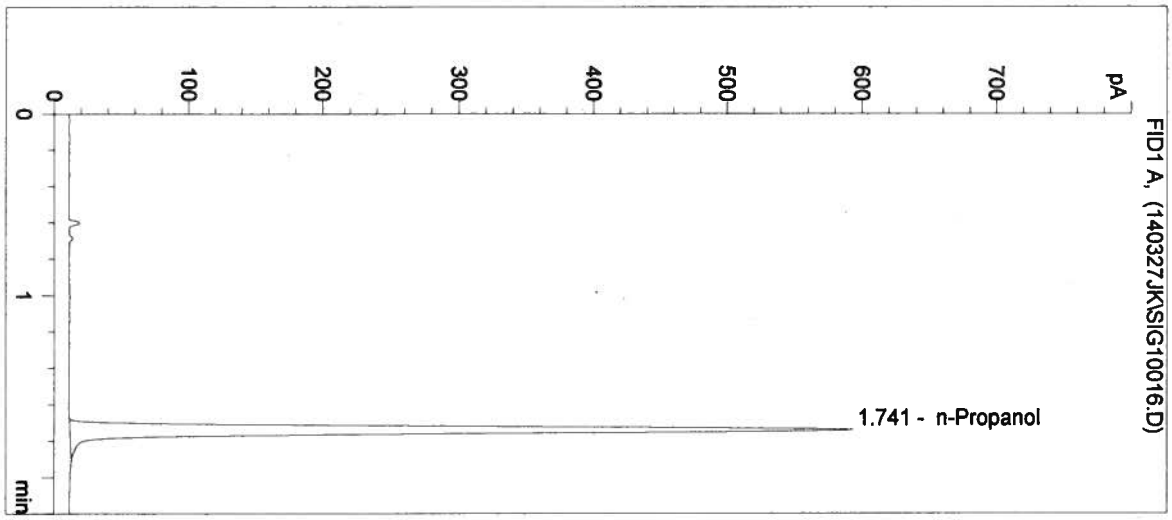


n-Propanol 0.012 g/100mL

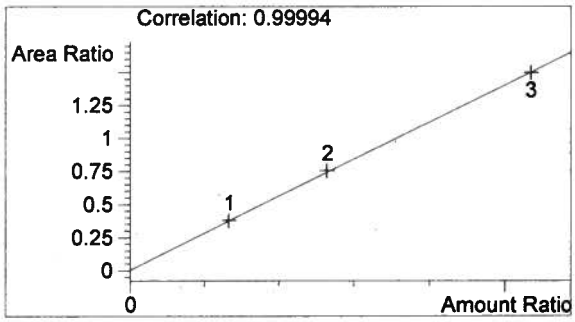
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/27/2014 10:57:28 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

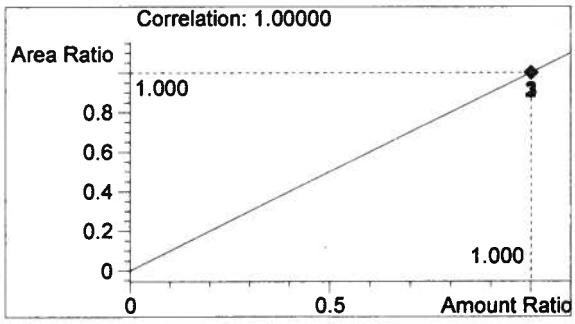


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1563	1.741



Ethanol 0.000 g/100mL

14008



n-Propanol 0.012 g/100mL

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\2\DATA\
Data Subdirectory:	140401CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 Calibrator Lot#E1213-01 Exp. 6/3/14
0.158 Calibrator Lot#E1213-02 Exp. 6/3/14
0.316 Calibrator Lot#E1213-03 Exp. 6/3/14
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
n-propanol ISTD Lot#P0314 Exp. 06/24/14

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL - CM	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - CM	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC3	1	Ctrl Samp		
10	Vial 10	14008 #1	SIMALC3	1	Sample		
11	Vial 11	14008 #2	SIMALC3	1	Sample		
12	Vial 12	14008 #3	SIMALC3	1	Sample		
13	Vial 13	14008 #4	SIMALC3	1	Sample		
14	Vial 14	14008 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL - CM	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL - CM	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL	SIMALC3	3	Replace	Replace	

CM

Sequence: C:\HPCHEM\2\SEQUENCE\CMEXTSTD.S

Sequence Table (Back Injector):

No entries - empty table!

14008

CM

Calibration Table

Calib. Data Modified : Tuesday, April 01, 2014 1:38:33 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
1.017	1	1	8.00300e-2	575.99274	1.38943e-4	1		Ethanol
		2	1.58560e-1	1141.60046	1.38893e-4			
		3	3.21220e-1	2287.36133	1.40433e-4			
1.740	1	1	1.20000e-2	1622.76074	7.39481e-6	I1		n-Propanol
		2	1.20000e-2	1623.16187	7.39298e-6			
		3	1.20000e-2	1616.02734	7.42562e-6			

14008

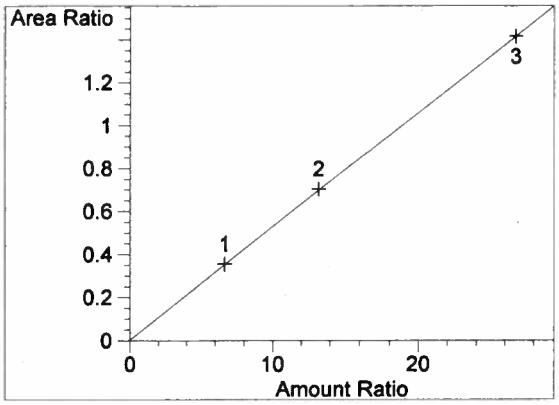
Peak Sum Table

No Entries in table

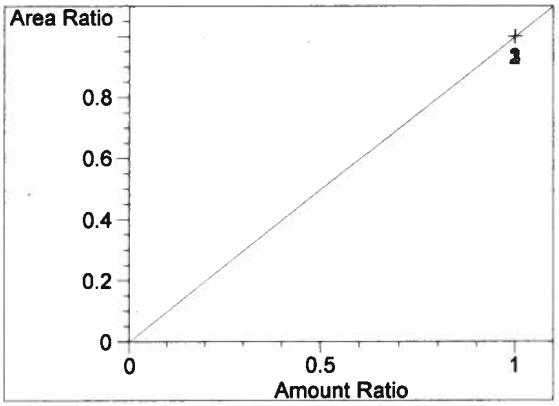
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00271
Formula: y = mx + b
m: 5.28658e-2
b: 1.86390e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.740
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

==========

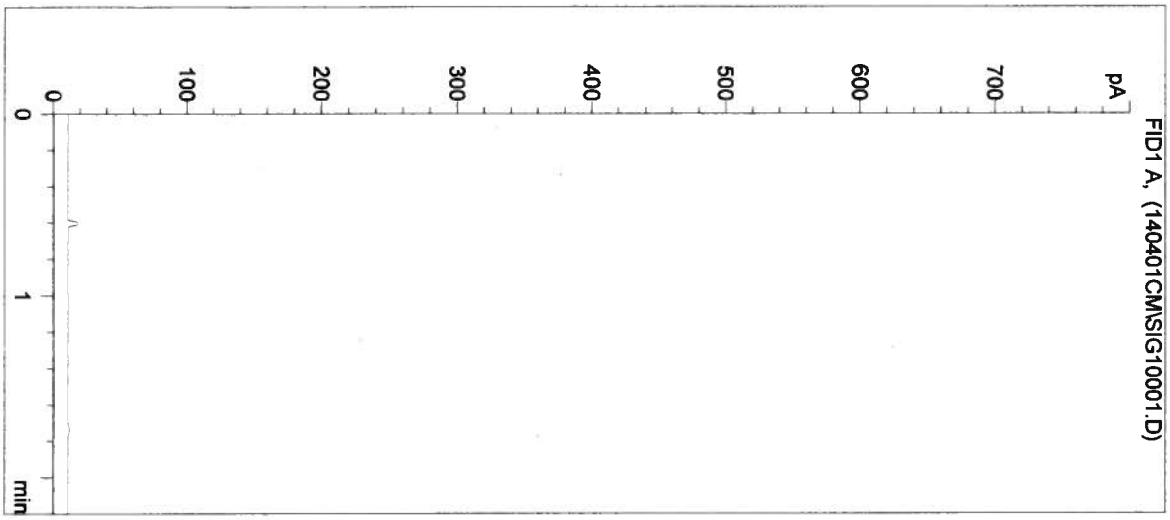
14008

cm

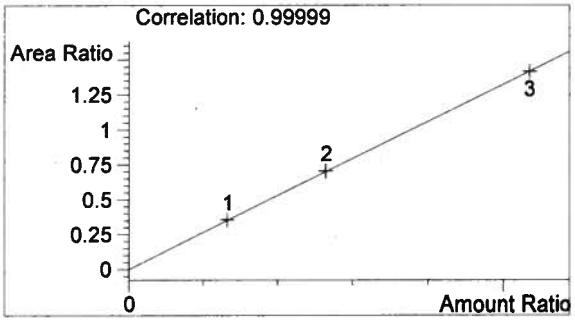
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/1/2014 1:26:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

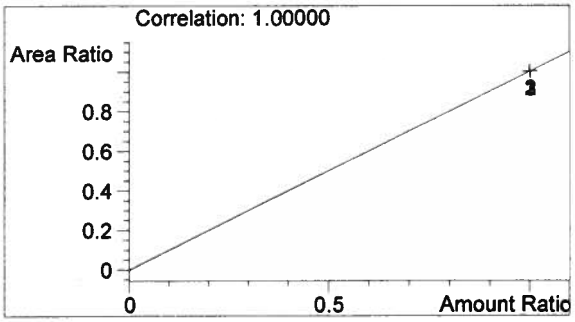
Sample Name: BLANK
Operator: Christie Mitchell-Mata
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

14008

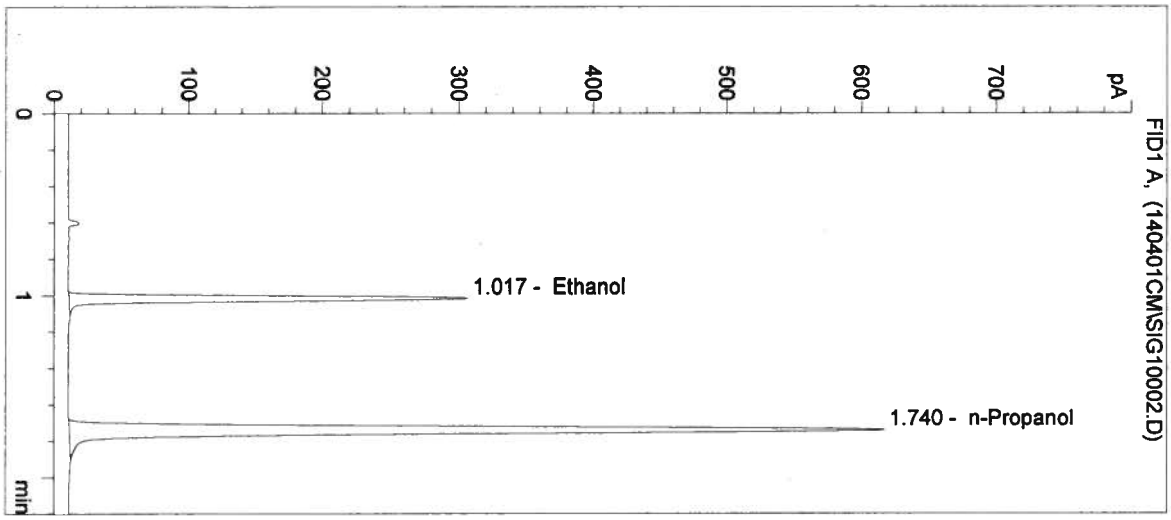
Data File: C:\HPCHEM\2\DATA\140401CM\SIG10001.D

cm

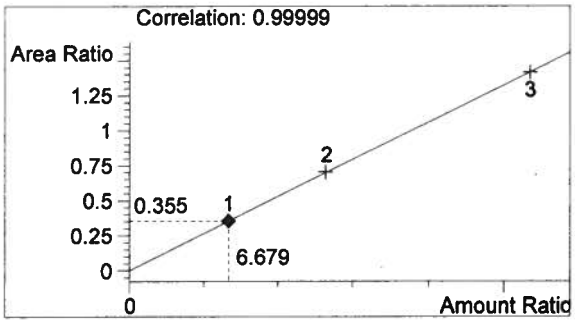
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/1/2014 1:30:05 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

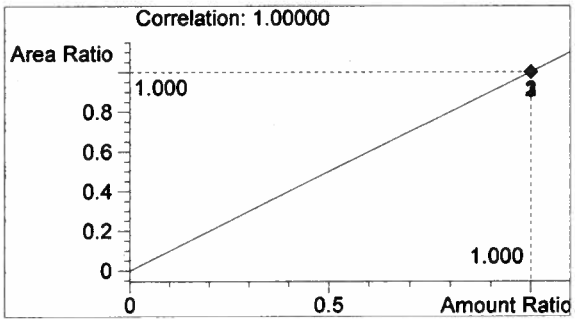


#	Compound	Peak Area	RT (min)
1	Ethanol	576	1.017
2	n-Propanol	1623	1.740



Ethanol 0.080 g/100mL

14008



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140401CM\SIG10002.D

cm

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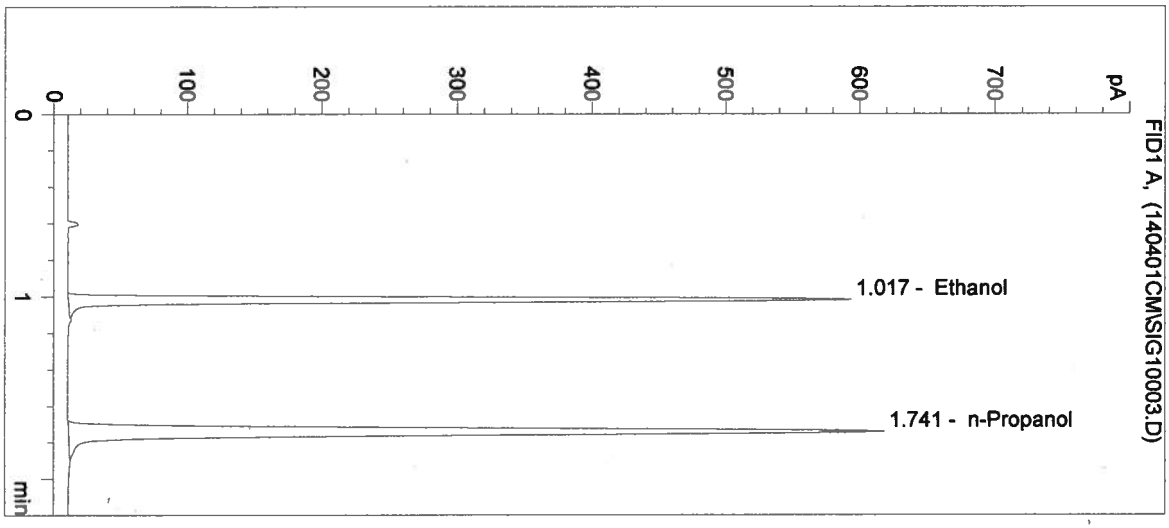
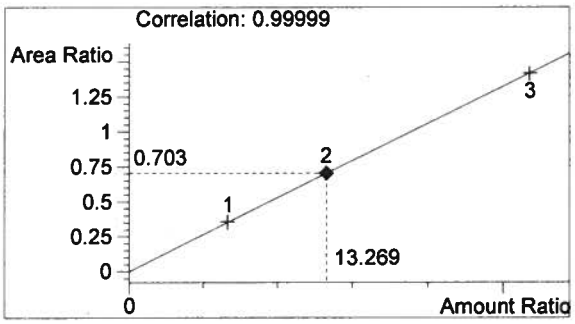
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/1/2014 1:33:13 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

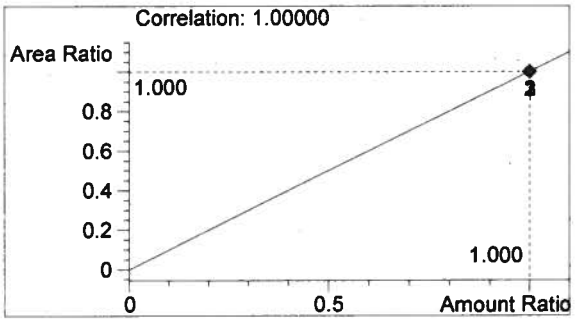


#	Compound	Peak Area	RT (min)
1	Ethanol	1142	1.017
2	n-Propanol	1623	1.741



Ethanol 0.159 g/100mL

14008



n-Propanol 0.012 g/100mL

CM

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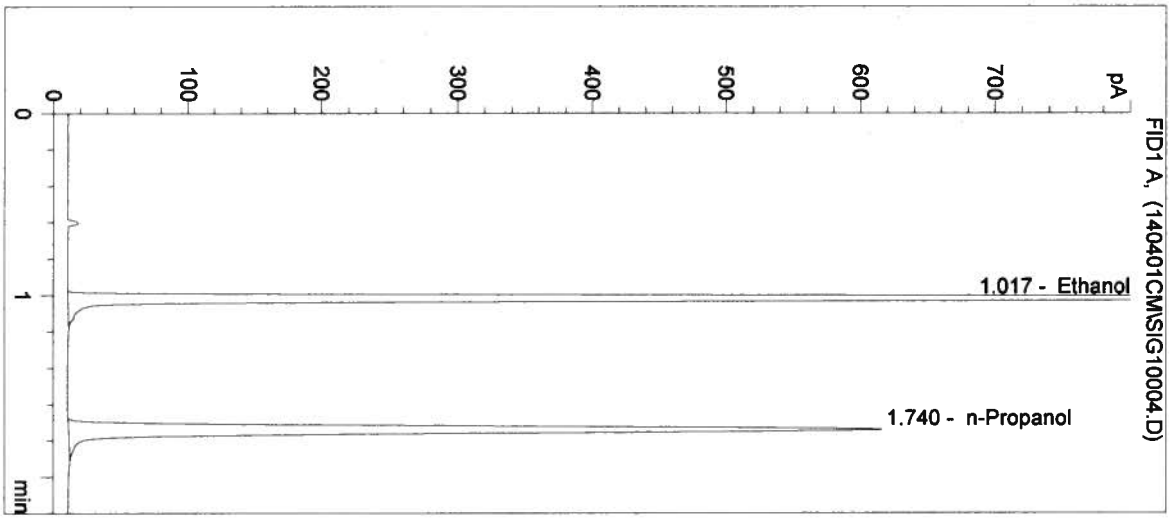
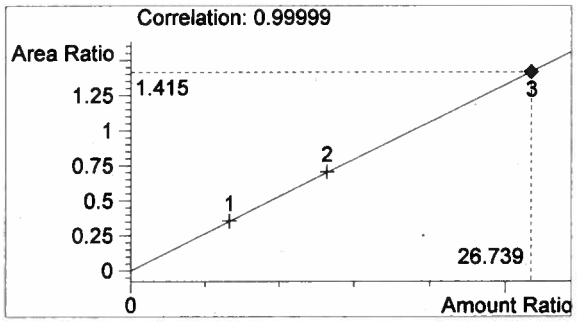
Inj. Date: 4/1/2014 1:36:20 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

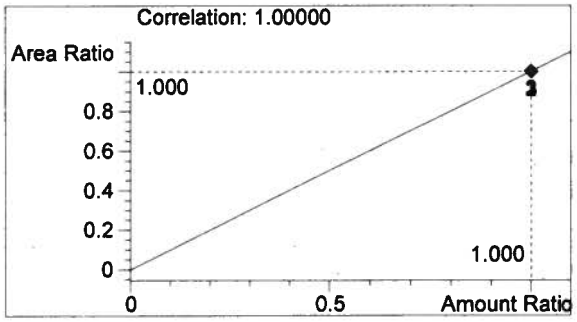


#	Compound	Peak Area	RT (min)
1	Ethanol	2287	1.017
2	n-Propanol	1616	1.740



Ethanol 0.321 g/100mL

14008



n-Propanol 0.012 g/100mL

CM

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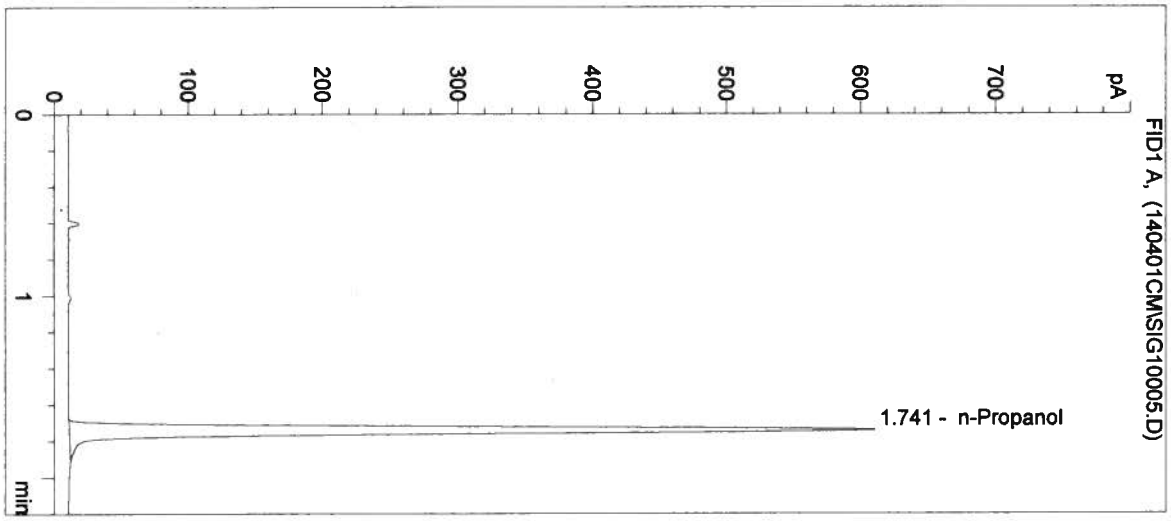
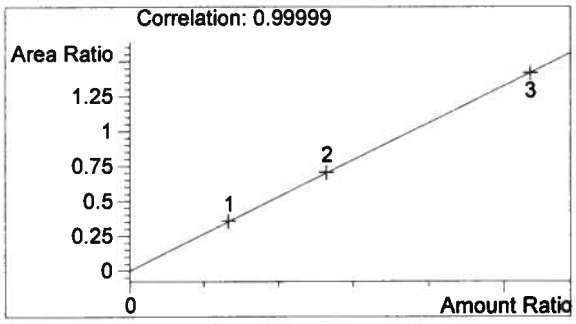
Inj. Date: 4/1/2014 1:39:28 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

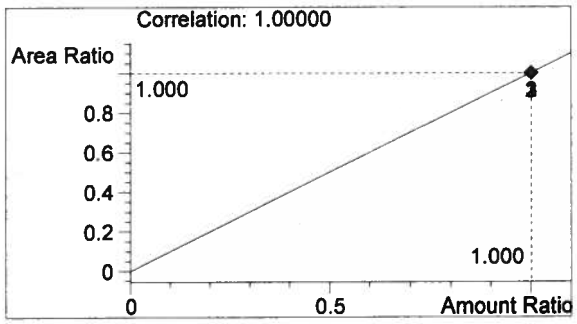


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1597	1.741



Ethanol 0.000 g/100mL

14008



n-Propanol 0.012 g/100mL

CM

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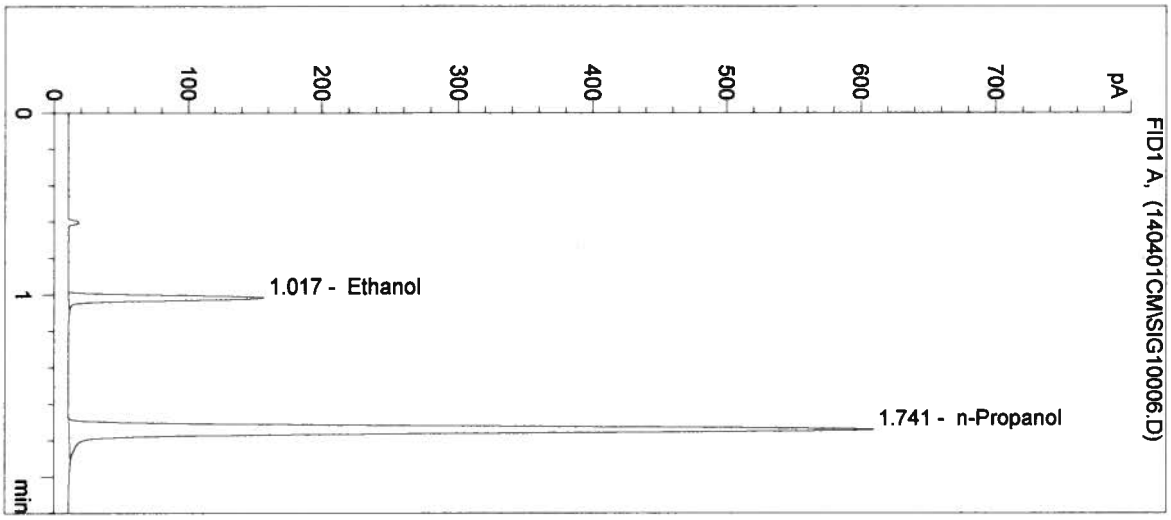
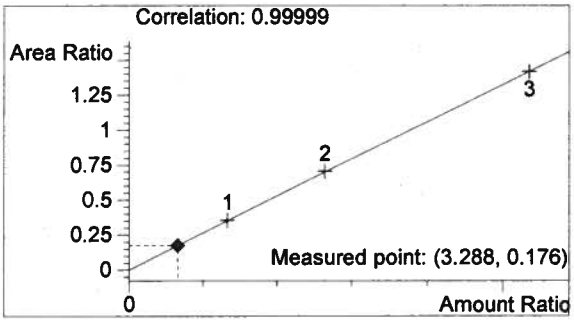
Inj. Date: 4/1/2014 1:42:35 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

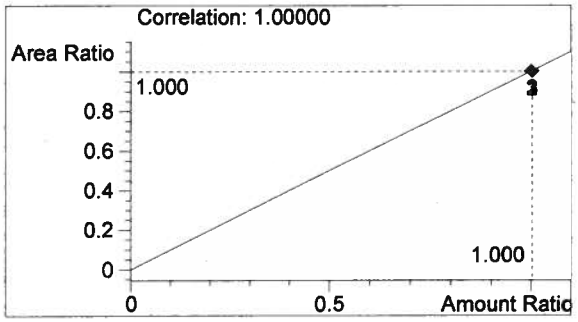


#	Compound	Peak Area	RT (min)
1	Ethanol	281	1.017
2	n-Propanol	1598	1.741



Ethanol 0.039 g/100mL

14008



n-Propanol 0.012 g/100mL

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cm

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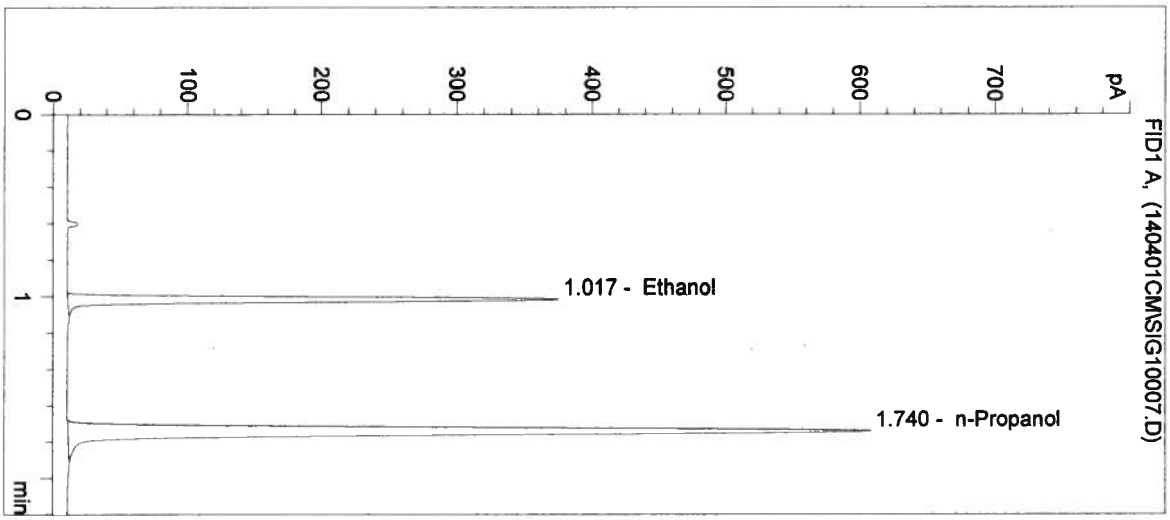
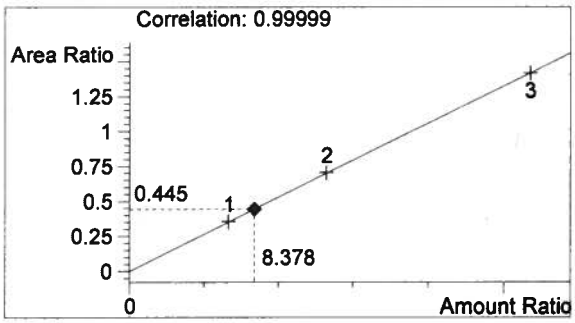
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/1/2014 1:45:40 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

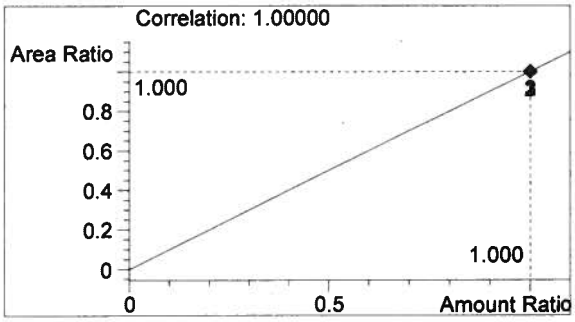


#	Compound	Peak Area	RT (min)
1	Ethanol	710	1.017
2	n-Propanol	1596	1.740



Ethanol 0.101 g/100mL

14008



n-Propanol 0.012 g/100mL

CM

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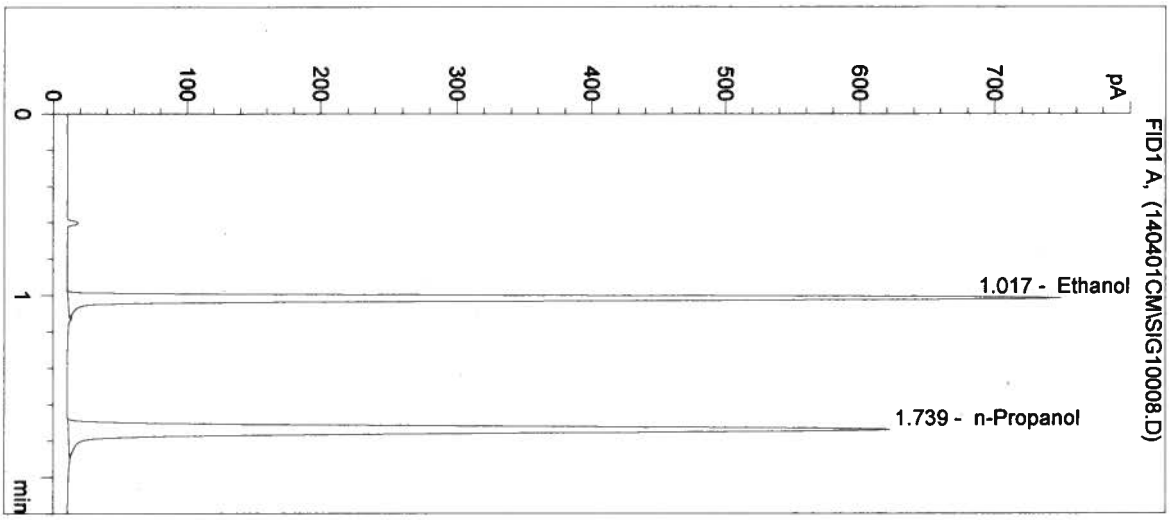
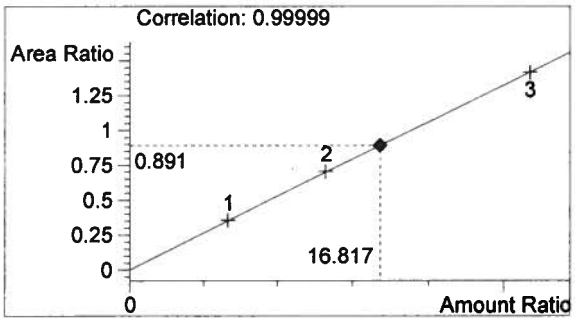
Inj. Date: 4/1/2014 1:48:48 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

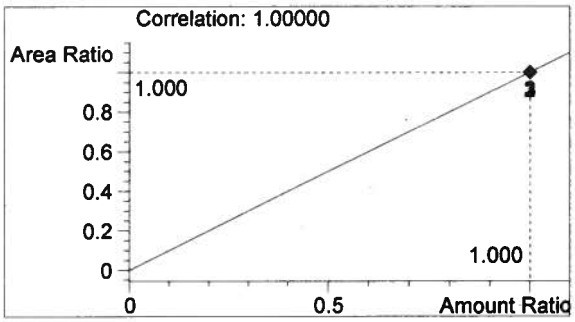


#	Compound	Peak Area	RT (min)
1	Ethanol	1460	1.017
2	n-Propanol	1639	1.739



Ethanol 0.202 g/100mL

14008



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140401CM\SIG10008.D

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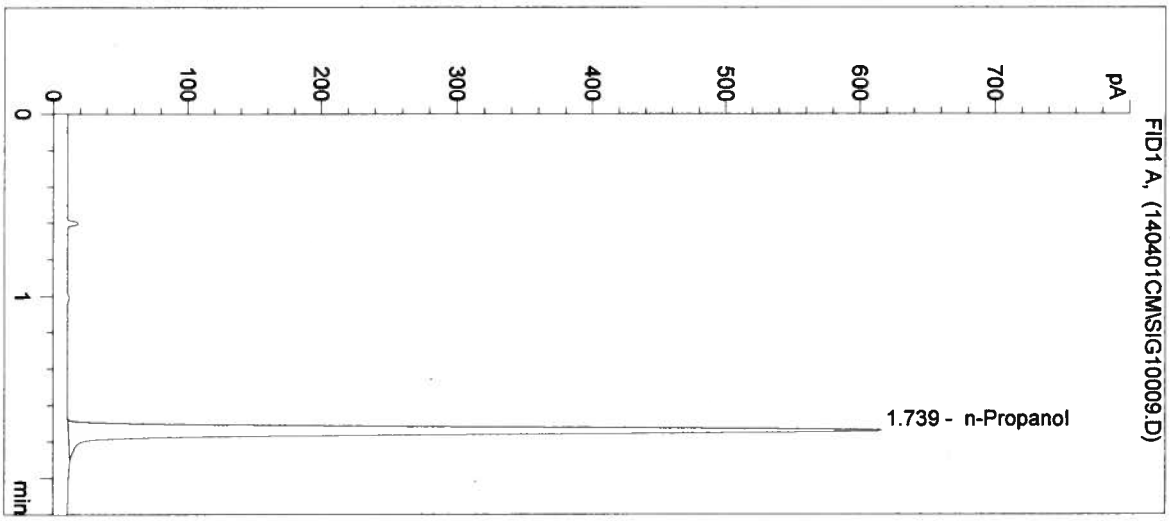
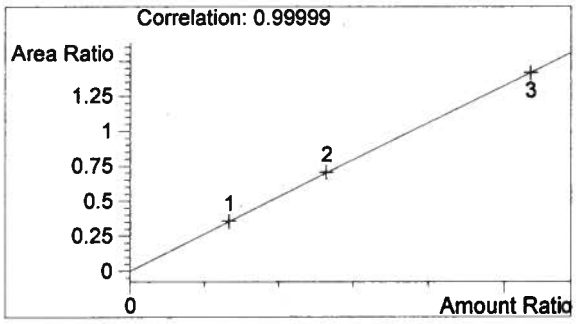
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/1/2014 1:51:56 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

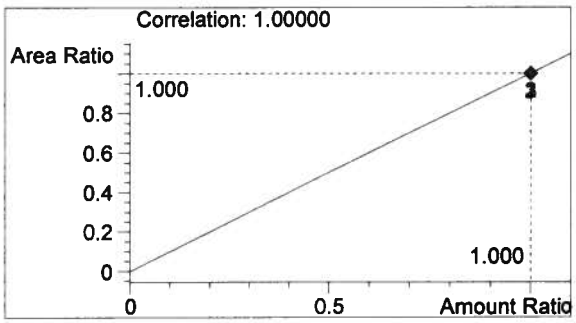


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1619	1.739



Ethanol 0.000 g/100mL

14008



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140401CM\SIG10009.D

CM

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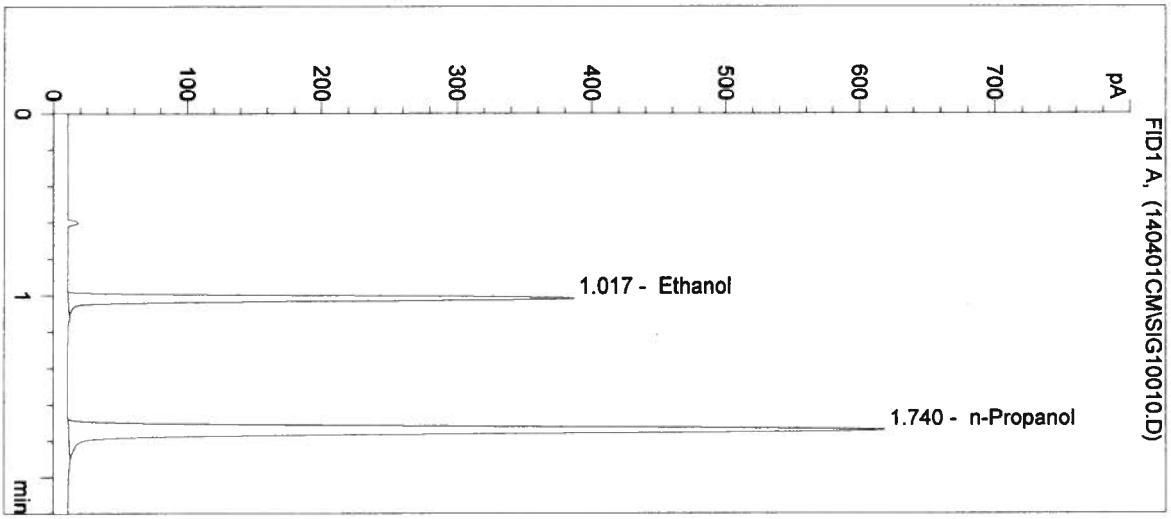
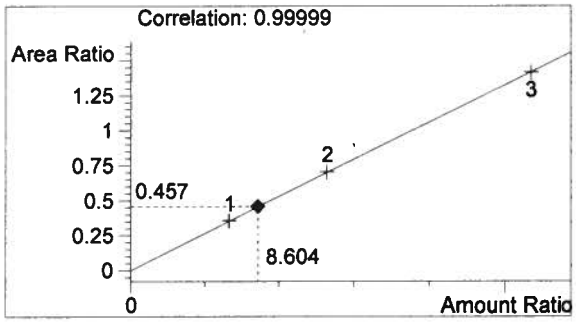
Inj. Date: 4/1/2014 1:55:04 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

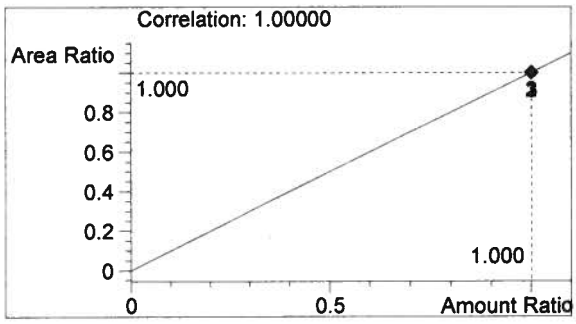
Sample Name: 14008 #1
Operator: Christie Mitchell-Mata
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	742	1.017
2	n-Propanol	1624	1.740



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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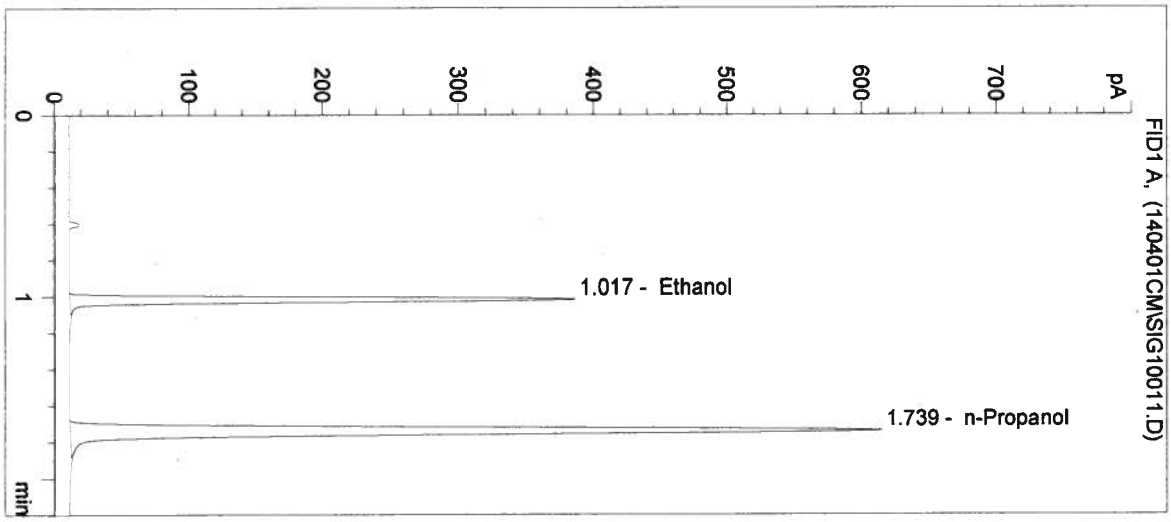
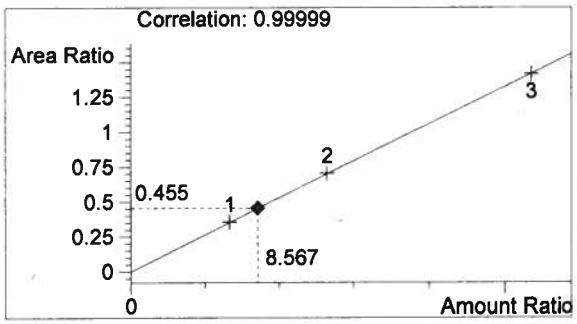
Inj. Date: 4/1/2014 1:58:11 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

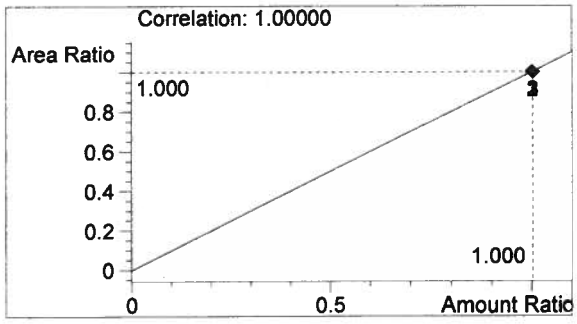
Sample Name: 14008 #2
Operator: Christie Mitchell-Mata
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	733	1.017
2	n-Propanol	1612	1.739



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140401CM\SIG10011.D

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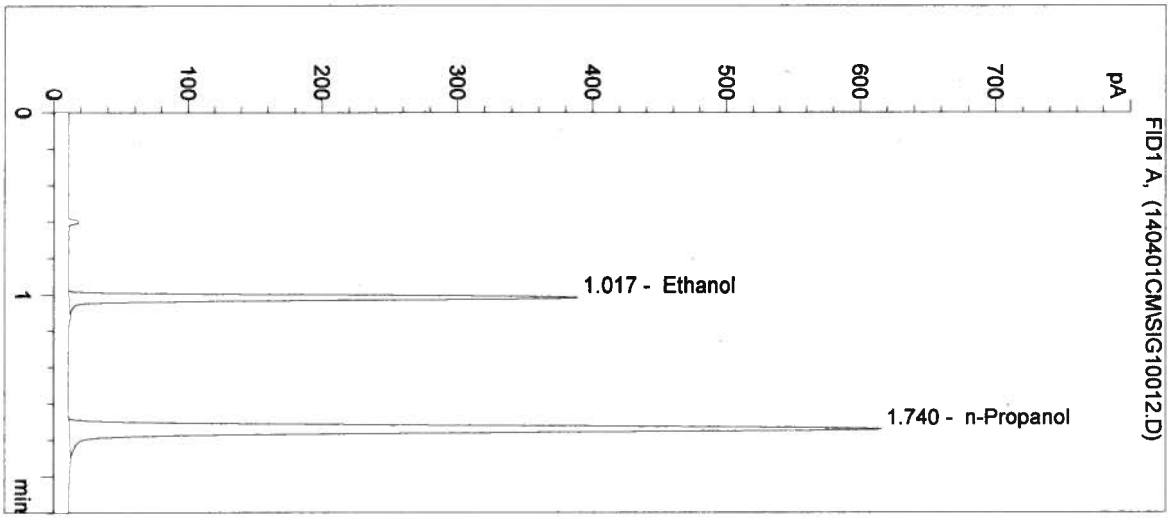
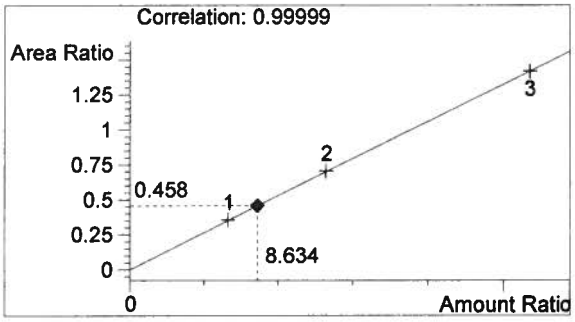
Inj. Date: 4/1/2014 2:01:19 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

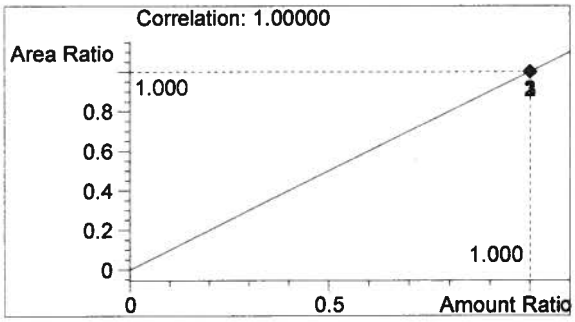
Sample Name: 14008 #3
Operator: Christie Mitchell-Mata
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	742	1.017
2	n-Propanol	1619	1.740



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

CM

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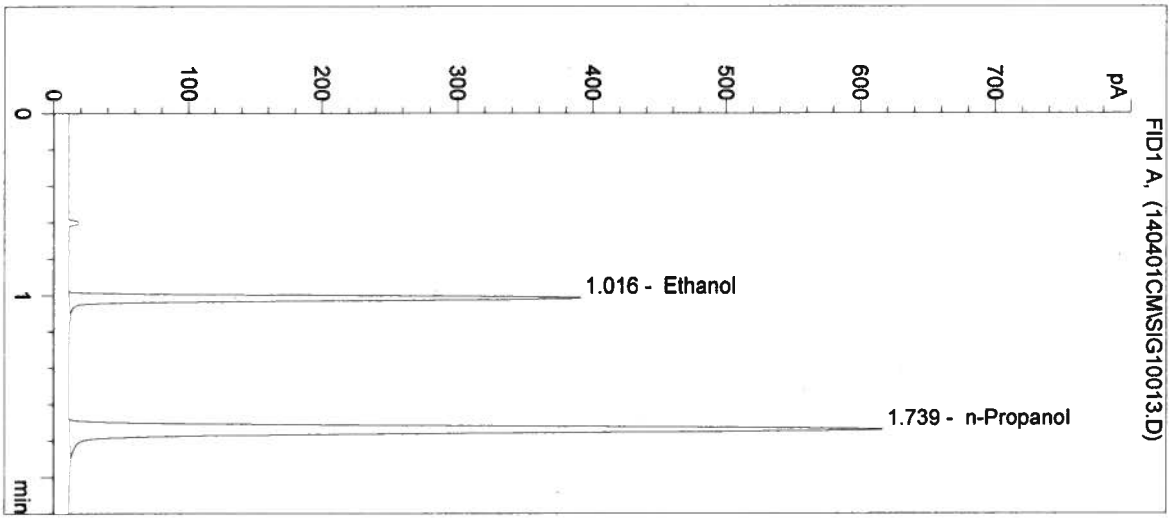
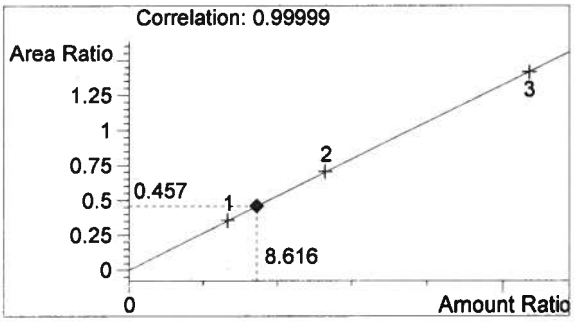
Inj. Date: 4/1/2014 2:04:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

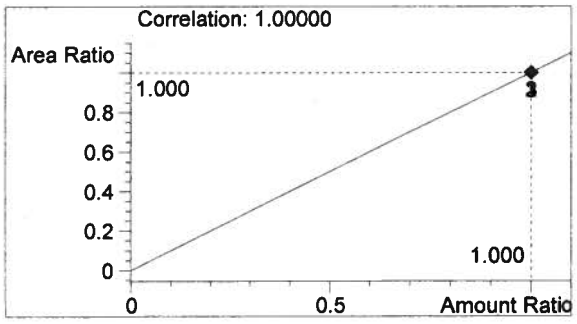
Sample Name: 14008 #4
Operator: Christie Mitchell-Mata
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	738	1.016
2	n-Propanol	1614	1.739



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

CM

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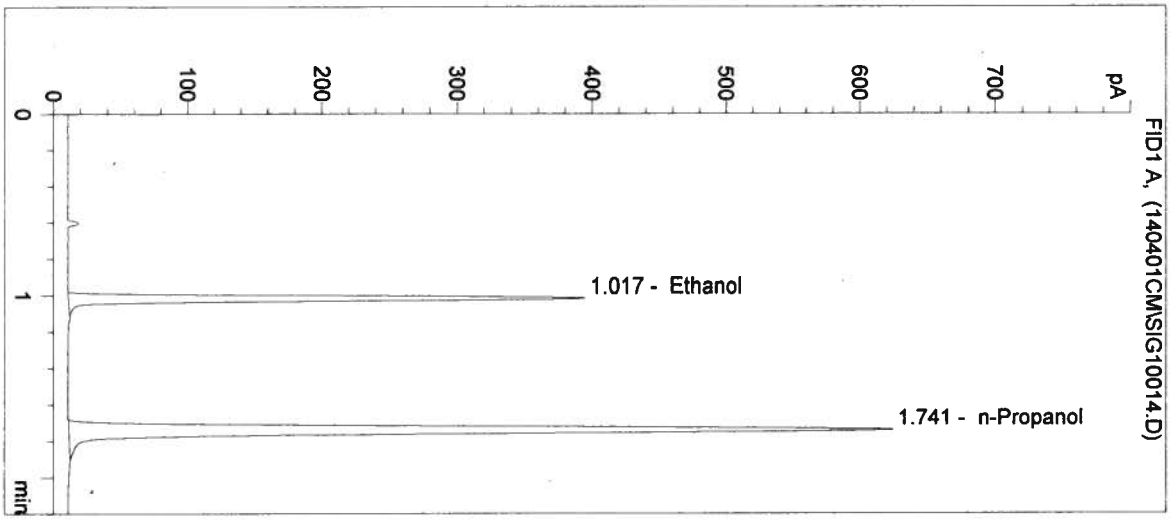
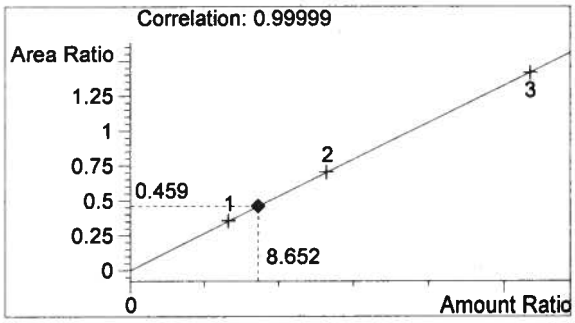
Inj. Date: 4/1/2014 2:07:35 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

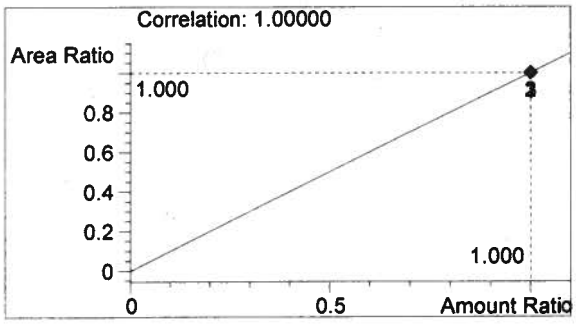
Sample Name: 14008 #5
Operator: Christie Mitchell-Mata
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	752	1.017
2	n-Propanol	1638	1.741



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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a4

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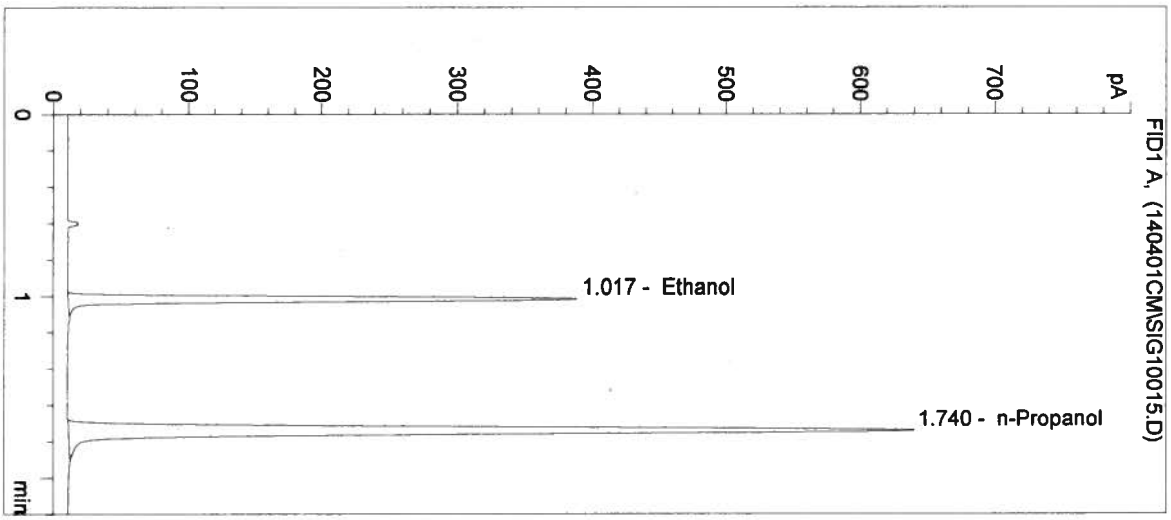
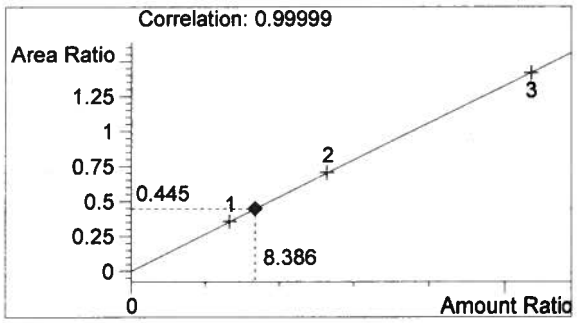
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/1/2014 2:10:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

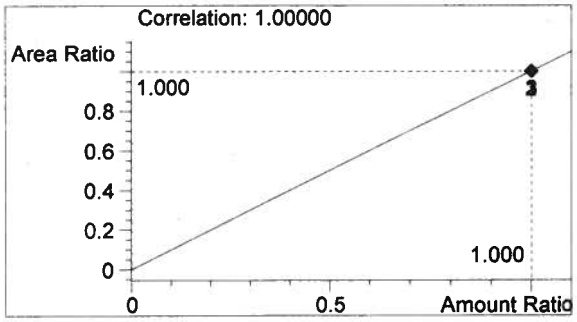


#	Compound	Peak Area	RT (min)
1	Ethanol	753	1.017
2	n-Propanol	1691	1.740



Ethanol 0.101 g/100mL

14008



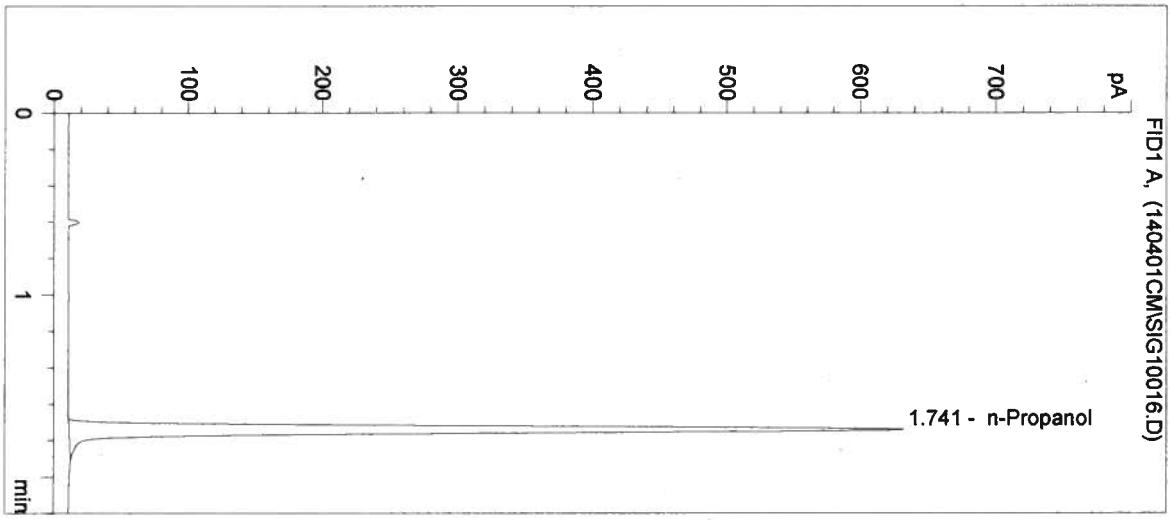
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140401CM\SIG10015.D

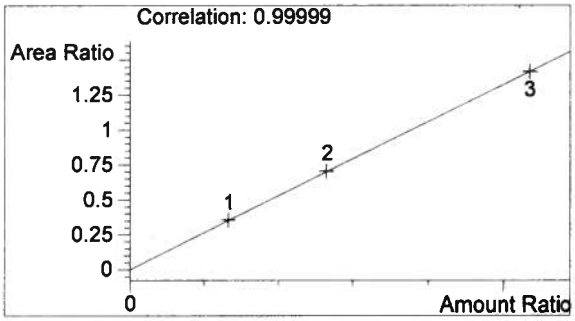
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/1/2014 2:13:50 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

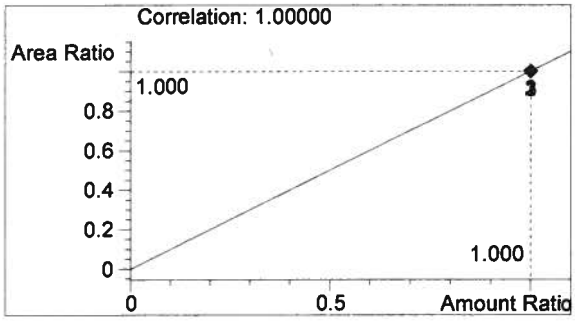


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1660	1.741



Ethanol 0.000 g/100mL

14008



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140401CM\SIG10016.D

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\2\DATA\
Data Subdirectory:	140403SS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 Calibrator 1 - Lot# E1213-01 - Exp. 6/3/2014
0.158 Calibrator 2 - Lot# E1213-02 - Exp. 6/3/2014
0.316 Calibrator 3 - Lot# E1213-03 - Exp. 6/3/2014
0.04 Control 1 - Lot# FN120110-04 - Exp. 12/2015
0.10 Control 2 - Lot# A095230 - Exp. 09/2017
0.20 Control 3 - Lot# FN100511-01 - Exp. 10/2016
n-Propanol 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	SIMALC3	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC3	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC3	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	14008 #1	SIMALC3	1	Sample		
11	Vial 11	14008 #2	SIMALC3	1	Sample		
12	Vial 12	14008 #3	SIMALC3	1	Sample		
13	Vial 13	14008 #4	SIMALC3	1	Sample		
14	Vial 14	14008 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	CAL1 0.079	SIMALC3	1	Replace	Replace	
3	Vial 3	CAL2 0.158	SIMALC3	2	Replace	Replace	
4	Vial 4	CAL3 0.316	SIMALC3	3	Replace	Replace	

SMS

Sequence: C:\HPCHEM\2\SEQUENCE\SSEXTSTD.S

Sequence Table (Back Injector):

No entries - empty table!

14008

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Calibration Table

Calib. Data Modified : Thursday, April 03, 2014 11:25:28 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
1.019	1	1	8.00300e-2	616.21796	1.29873e-4		1	Ethanol
		2	1.58560e-1	1264.12500	1.25431e-4			
		3	3.21220e-1	2713.55322	1.18376e-4			
1.744	1	1	1.20000e-2	1708.47046	7.02383e-6		I1	n-Propanol
		2	1.20000e-2	1749.98193	6.85721e-6			
		3	1.20000e-2	1857.12537	6.46160e-6			

14008

Peak Sum Table

No Entries in table

SMS

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Calibration Curves

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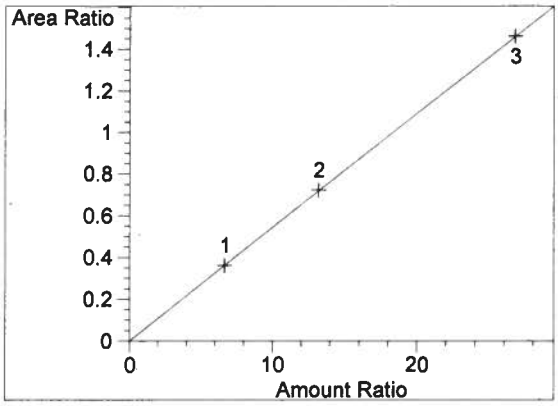
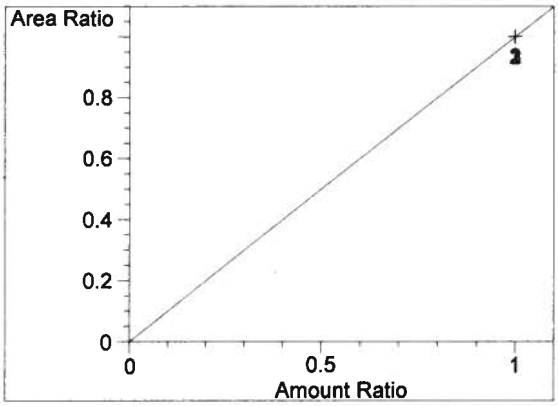


Ethanol at exp. RT: 1.019
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00228
Formula: y = mx + b
m: 5.46325e-2
b: -1.11122e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.744
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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14008

SJS.

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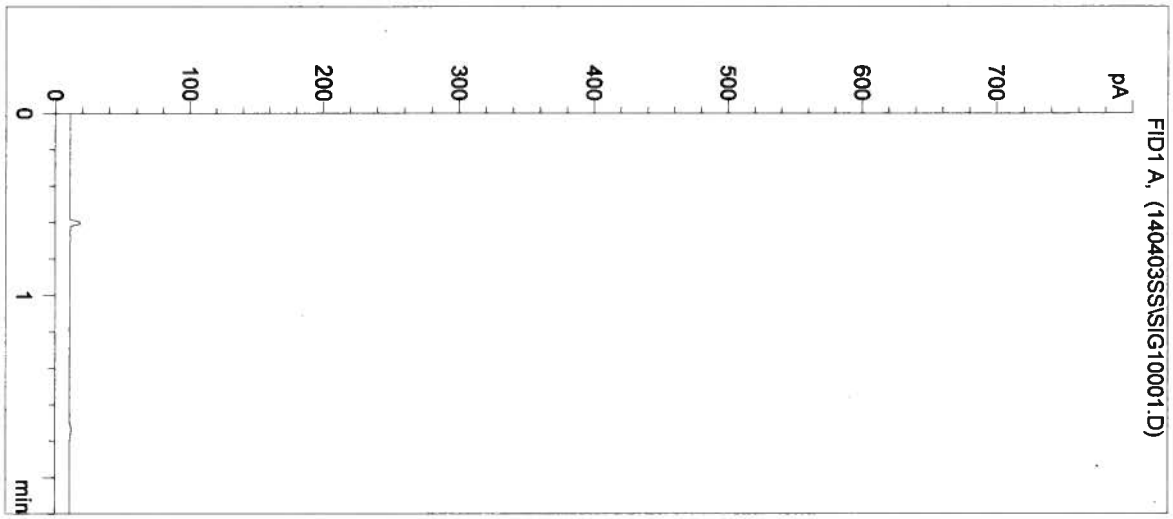
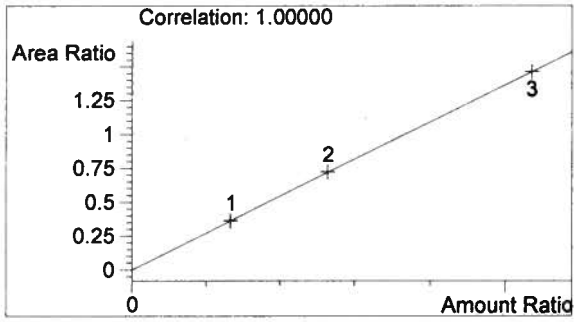
Inj. Date: 4/3/2014 11:13:53 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

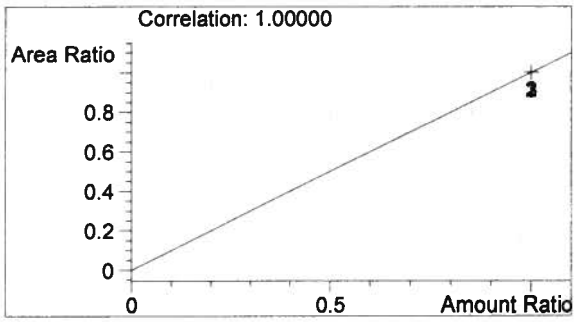


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14008



n-Propanol 0.000 g/100mL

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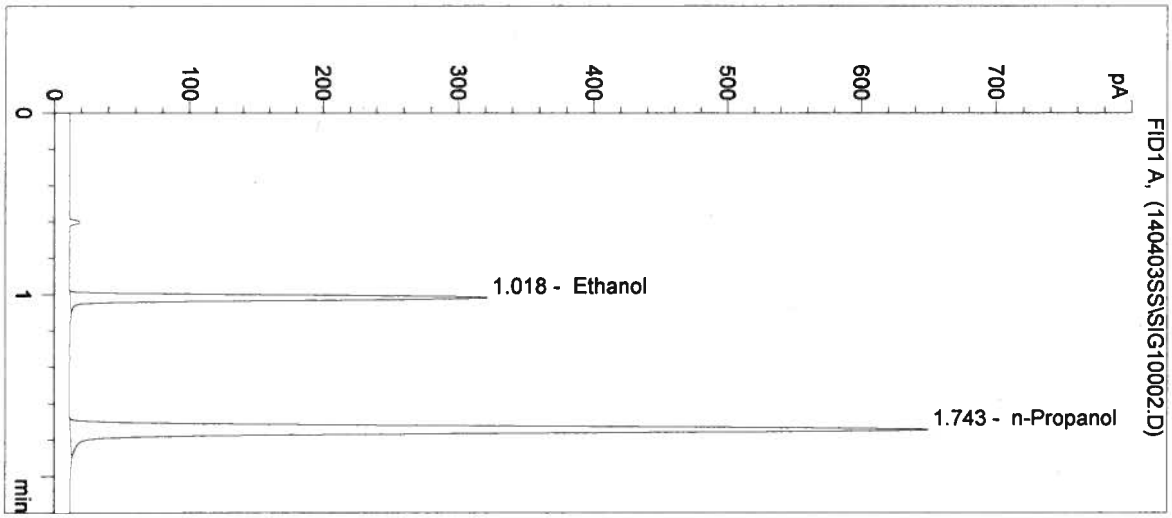
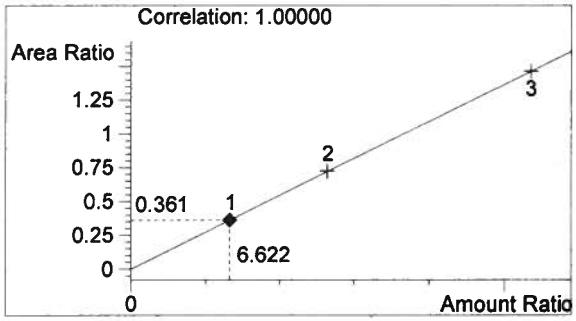
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/3/2014 11:17:01 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: CAL1 0.079
Operator: Sarah Swenson
Location: Vial 2

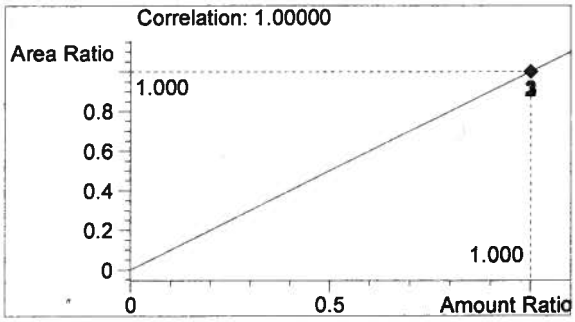


#	Compound	Peak Area	RT (min)
1	Ethanol	616	1.018
2	n-Propanol	1708	1.743



Ethanol 0.079 g/100mL

14008



n-Propanol 0.012 g/100mL

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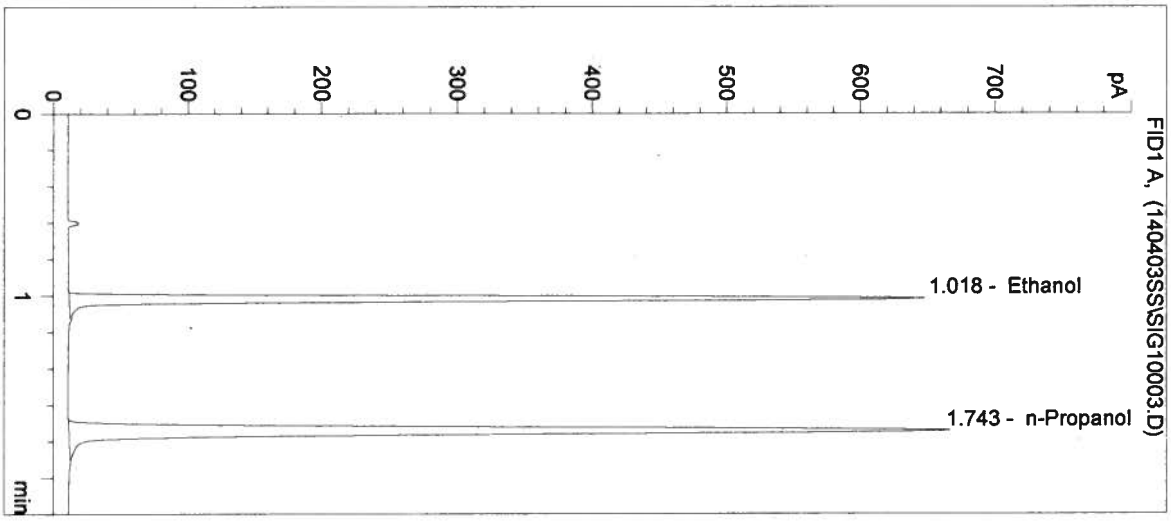
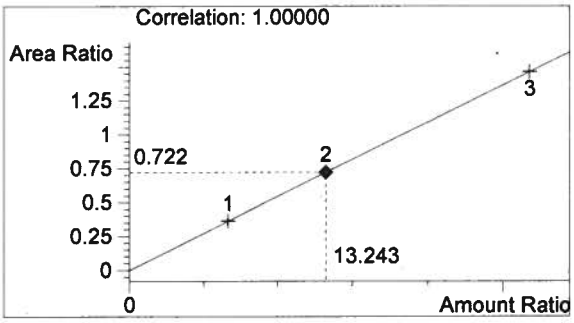
Inj. Date: 4/3/2014 11:20:08 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

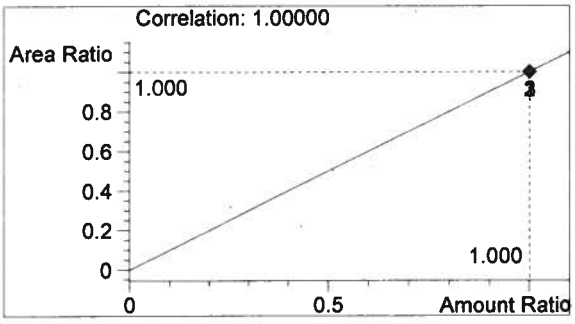
Sample Name: CAL2 0.158
Operator: Sarah Swenson
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1264	1.018
2	n-Propanol	1750	1.743



Ethanol 0.159 g/100mL



n-Propanol 0.012 g/100mL

14008

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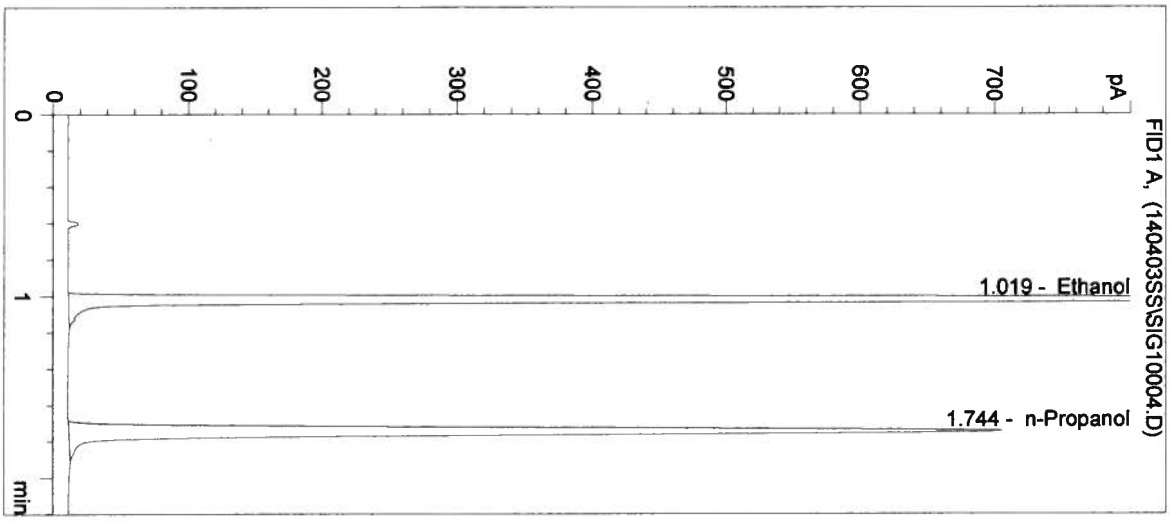
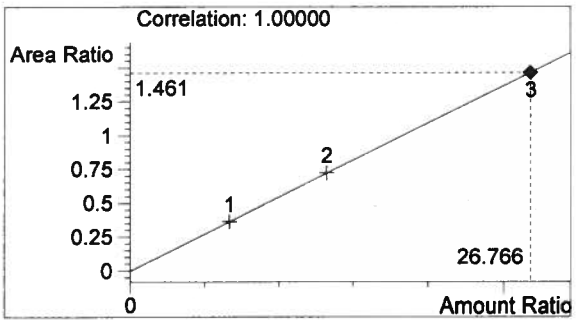
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/3/2014 11:23:16 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

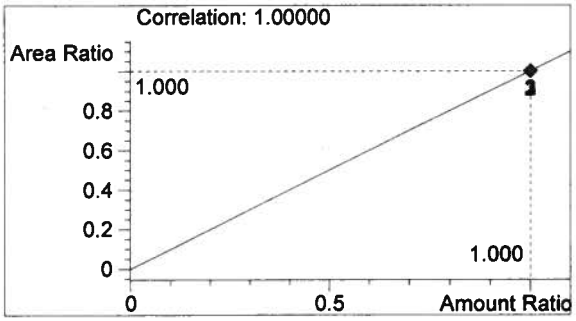
Sample Name: CAL3 0.316
Operator: Sarah Swenson
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2714	1.019
2	n-Propanol	1857	1.744



Ethanol 0.321 g/100mL



n-Propanol 0.012 g/100mL

14008

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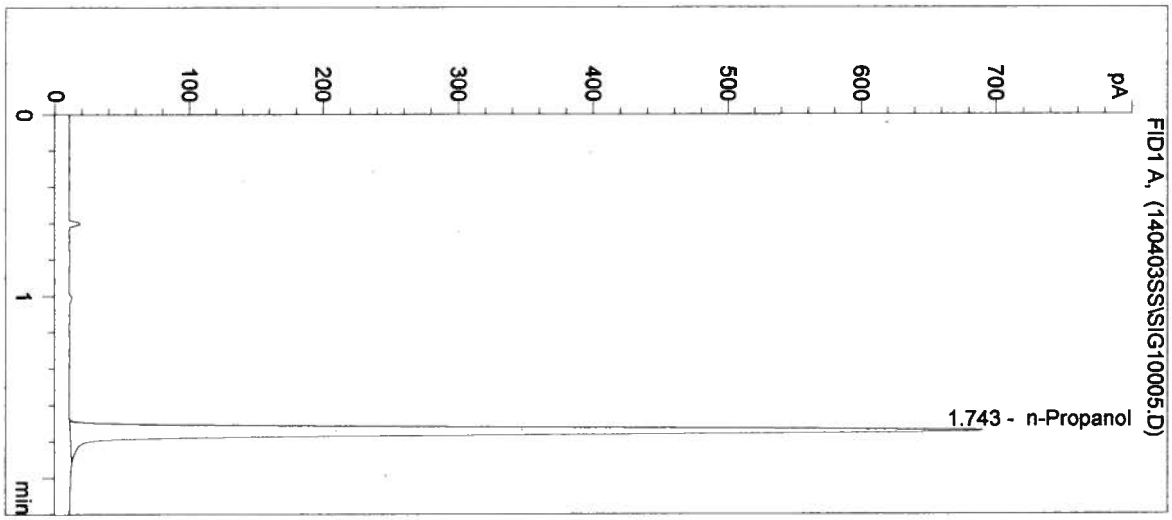
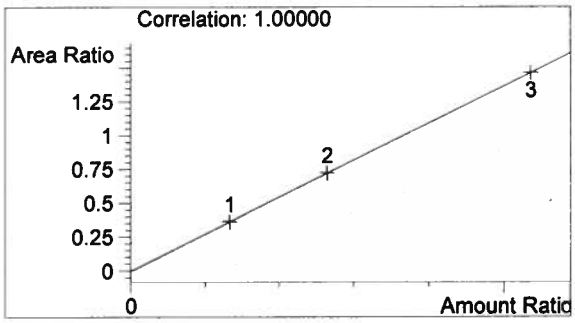
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/3/2014 11:26:24 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

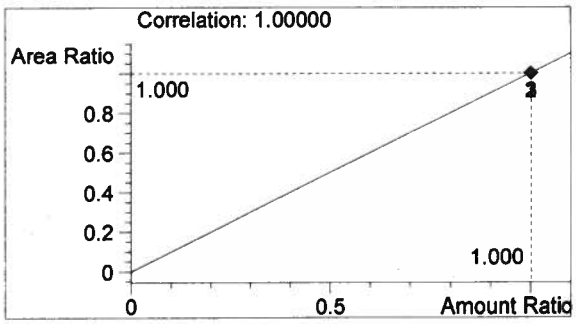
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1817	1.743



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14008

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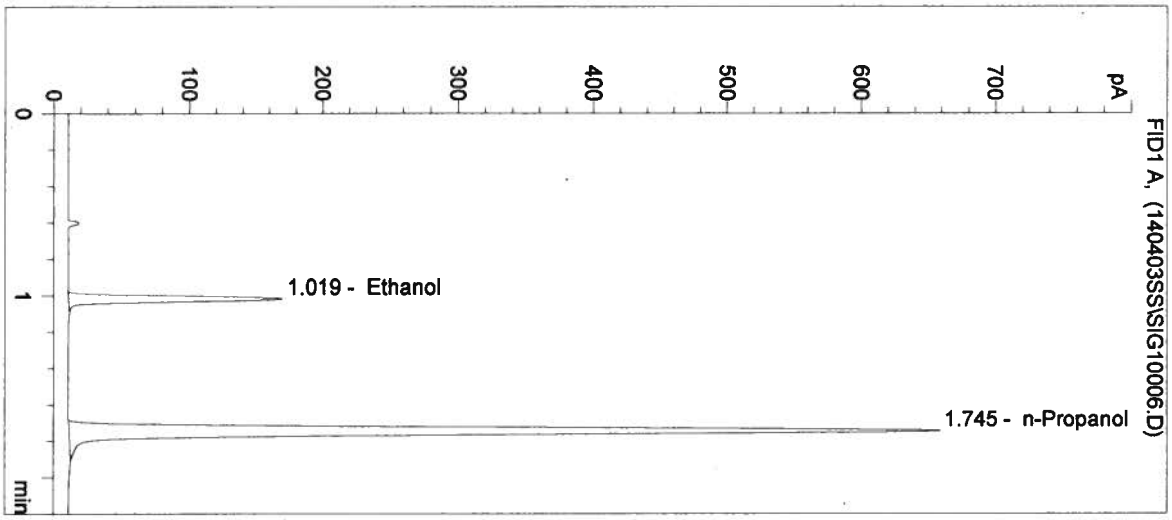
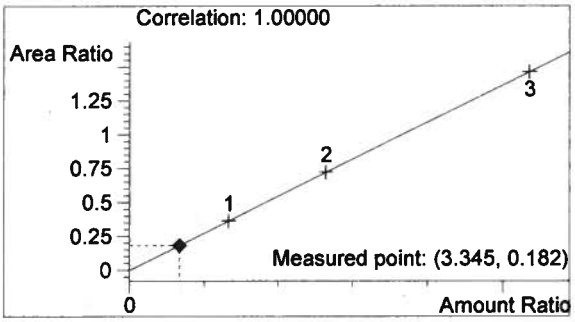
Inj. Date: 4/3/2014 11:29:31 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

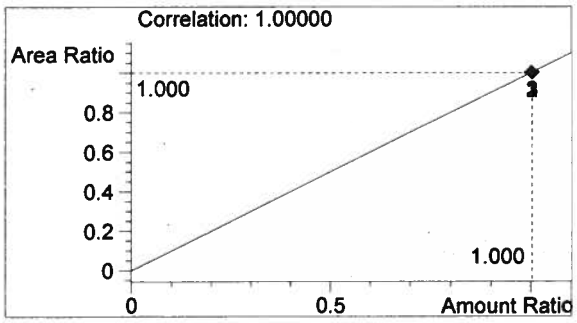
Sample Name: 0.04 CTRL
Operator: Sarah Swenson
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	315	1.019
2	n-Propanol	1736	1.745



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

14008

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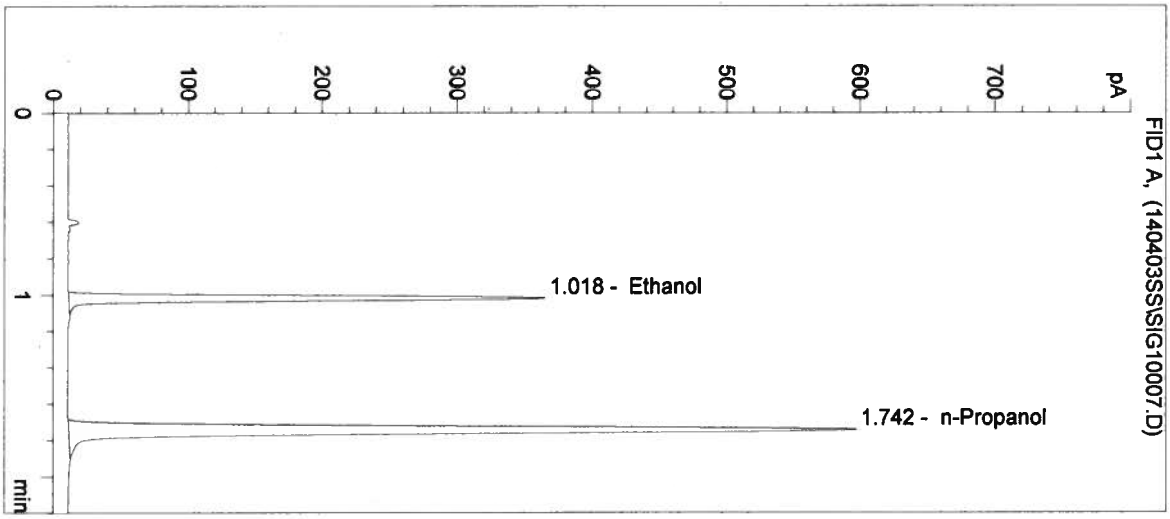
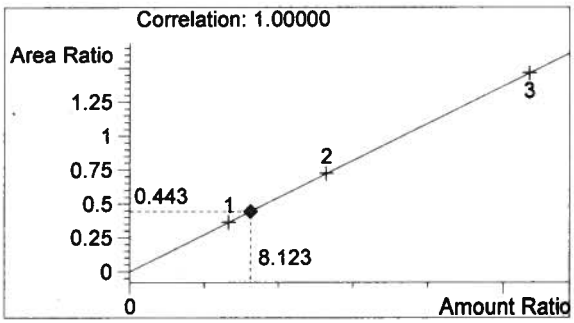
Inj. Date: 4/3/2014 11:32:39 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

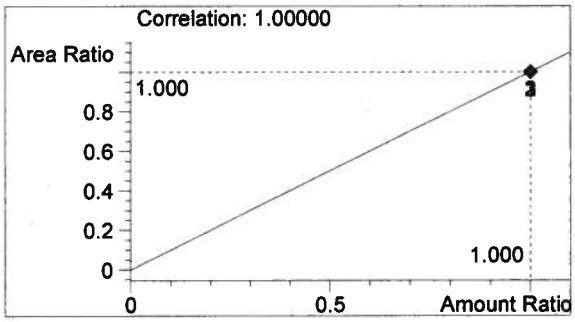
Sample Name: 0.10 CTRL
Operator: Sarah Swenson
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	692	1.018
2	n-Propanol	1564	1.742



Ethanol 0.097 g/100mL



n-Propanol 0.012 g/100mL

14008

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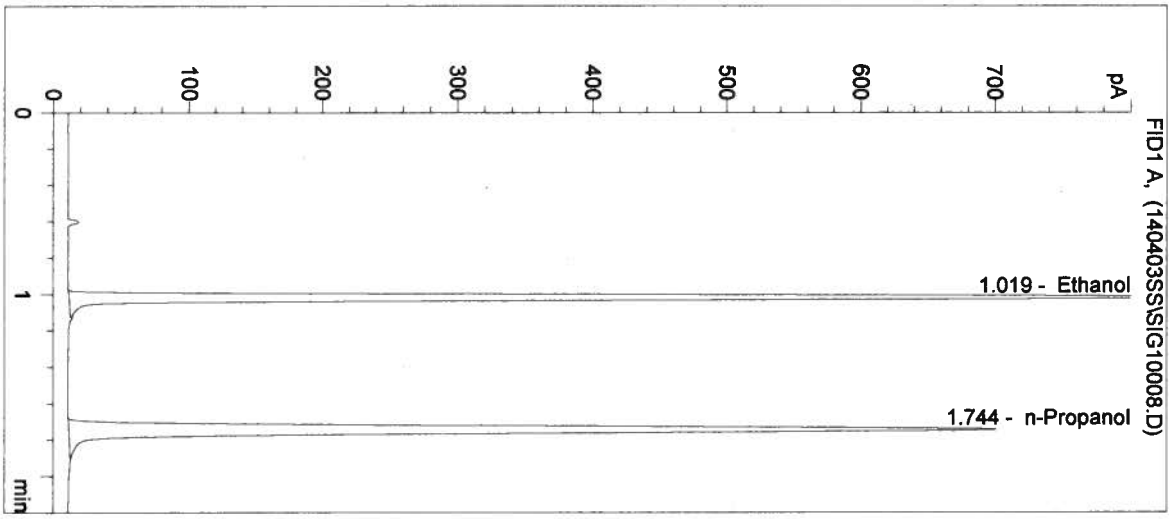
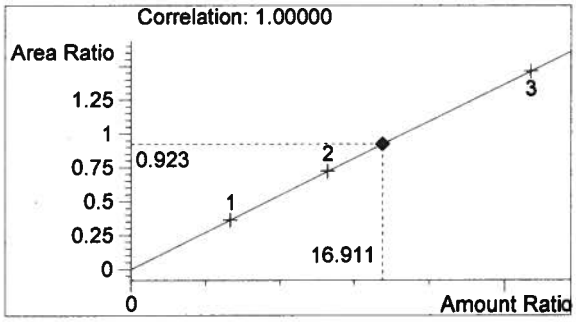
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/3/2014 11:35:47 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

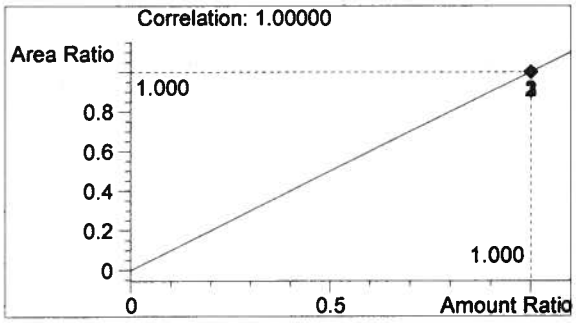
Sample Name: 0.20 CTRL
Operator: Sarah Swenson
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1702	1.019
2	n-Propanol	1844	1.744



Ethanol 0.203 g/100mL



n-Propanol 0.012 g/100mL

14008

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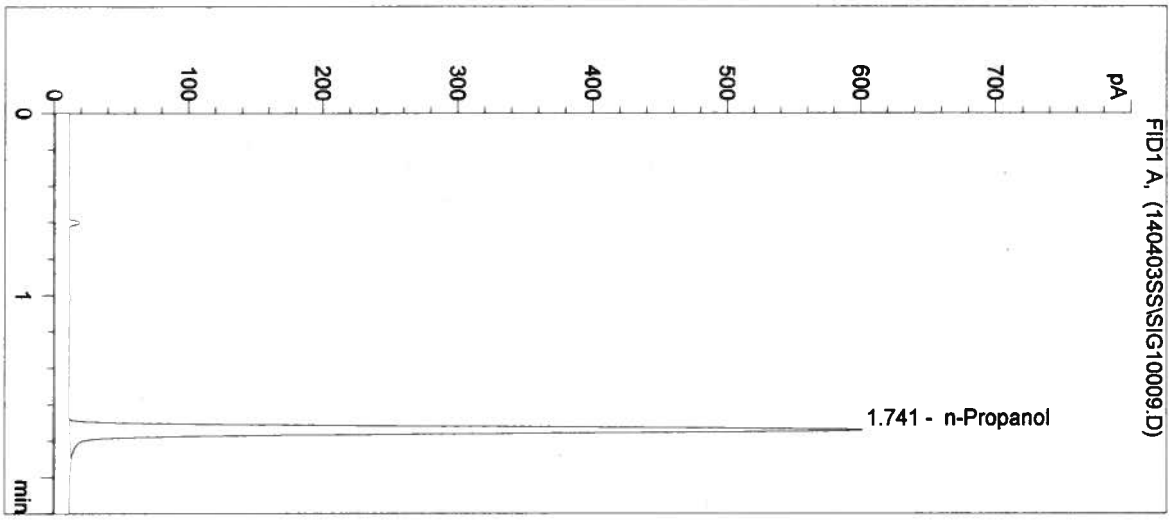
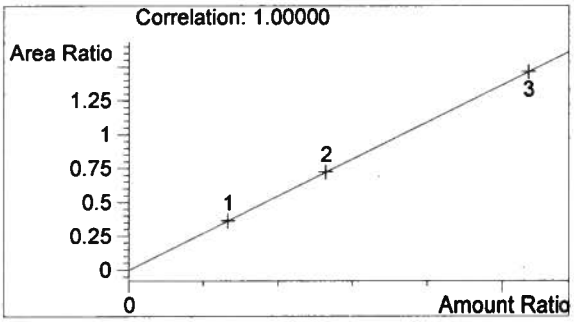
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/3/2014 11:38:54 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

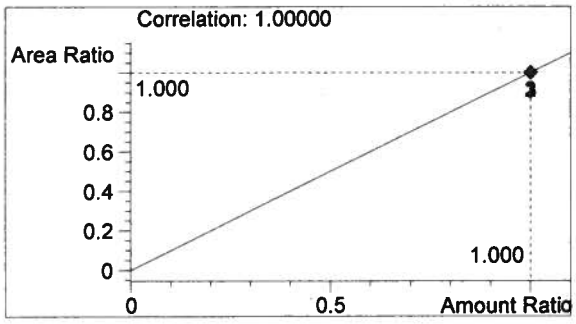


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1576	1.741



Ethanol 0.000 g/100mL

14008



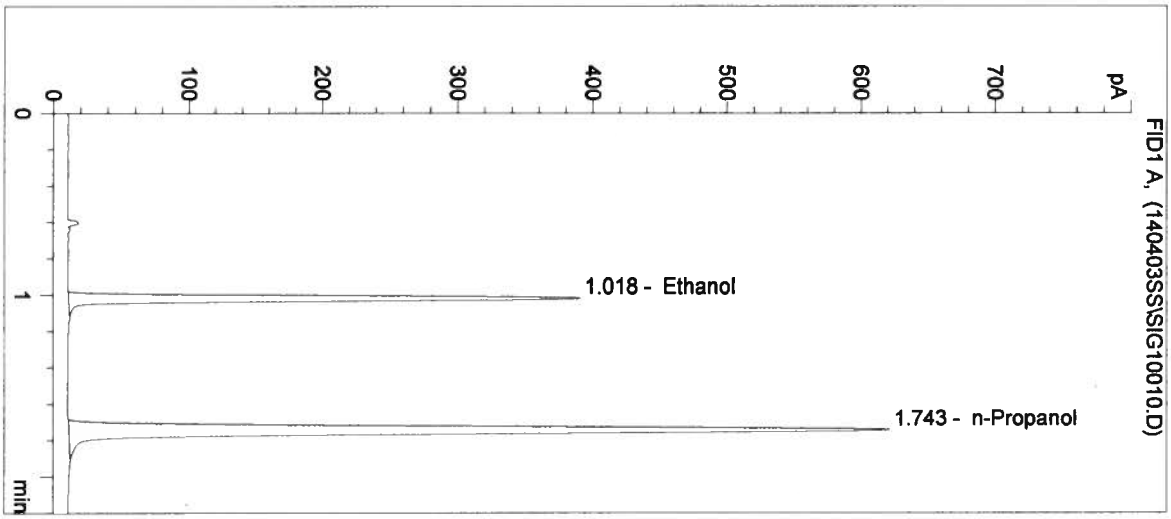
n-Propanol 0.012 g/100mL

SMS

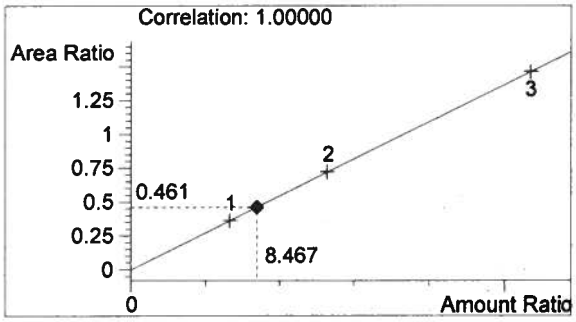
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/3/2014 11:42:01 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

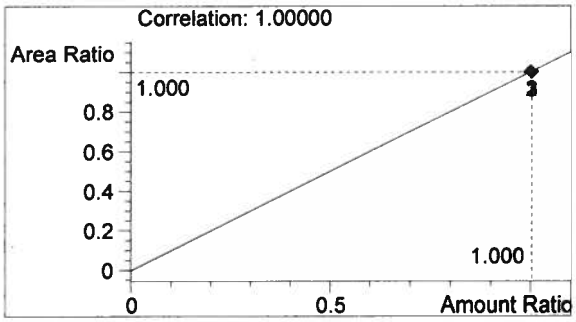
Sample Name: 14008 #1
Operator: Sarah Swenson
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	753	1.018
2	n-Propanol	1632	1.743



Ethanol 0.102 g/100mL



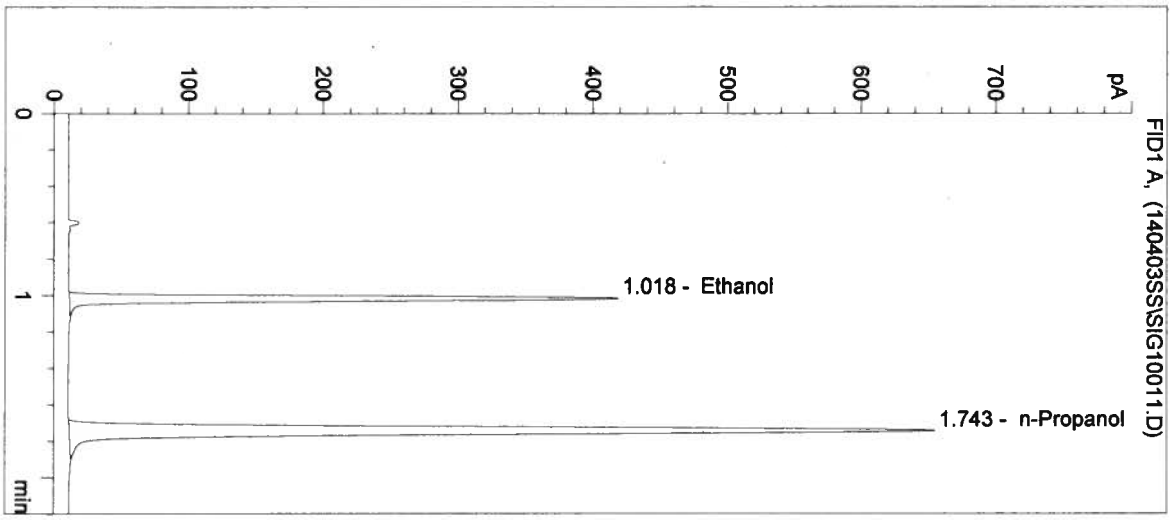
n-Propanol 0.012 g/100mL

SMS

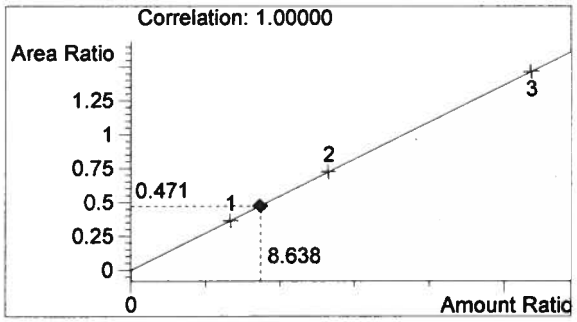
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/3/2014 11:45:09 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

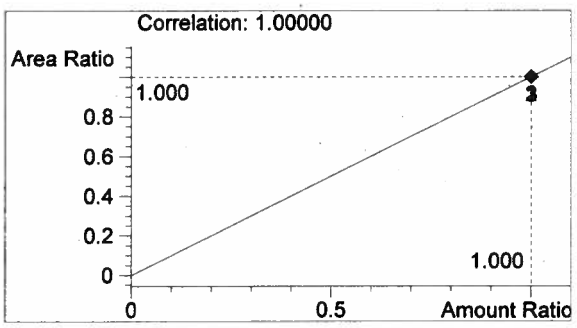
Sample Name: 14008 #2
Operator: Sarah Swenson
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	811	1.018
2	n-Propanol	1723	1.743



Ethanol 0.104 g/100mL



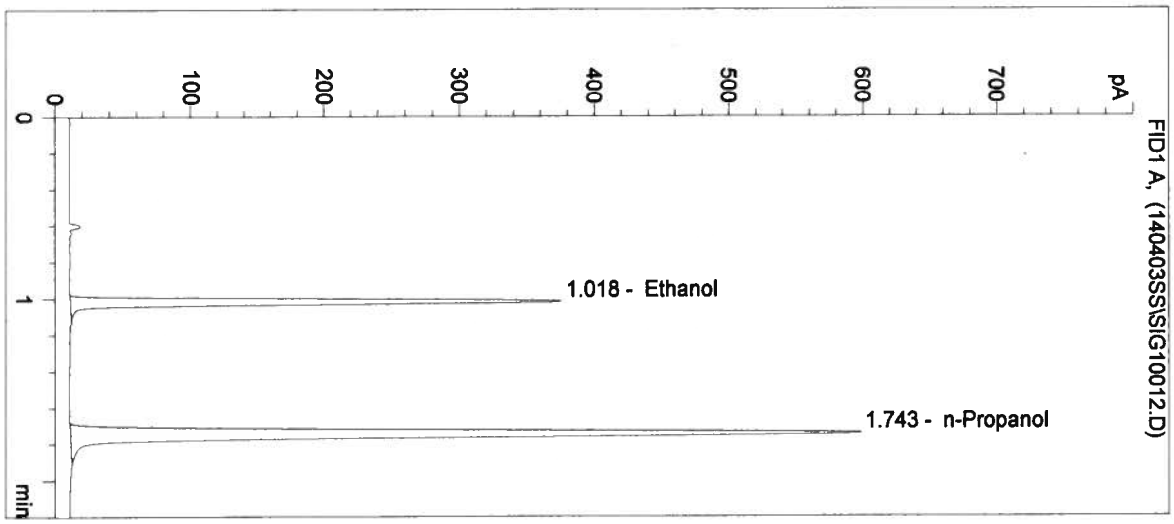
n-Propanol 0.012 g/100mL

SMS

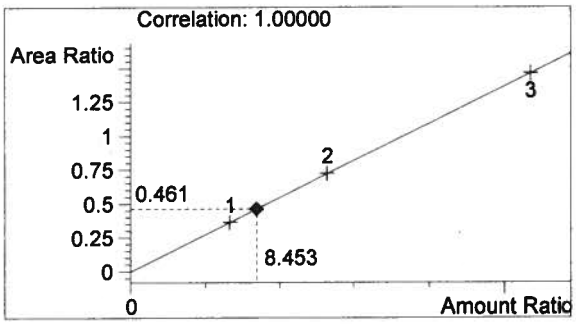
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/3/2014 11:48:17 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

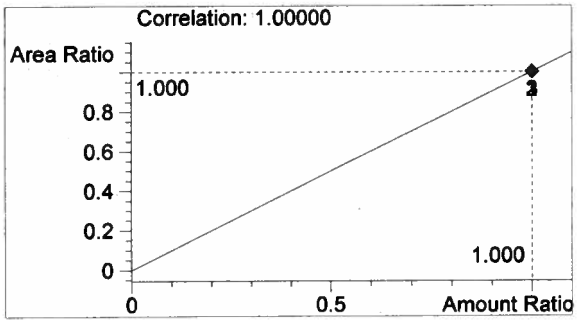
Sample Name: 14008 #3
Operator: Sarah Swenson
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	724	1.018
2	n-Propanol	1572	1.743



Ethanol 0.101 g/100mL



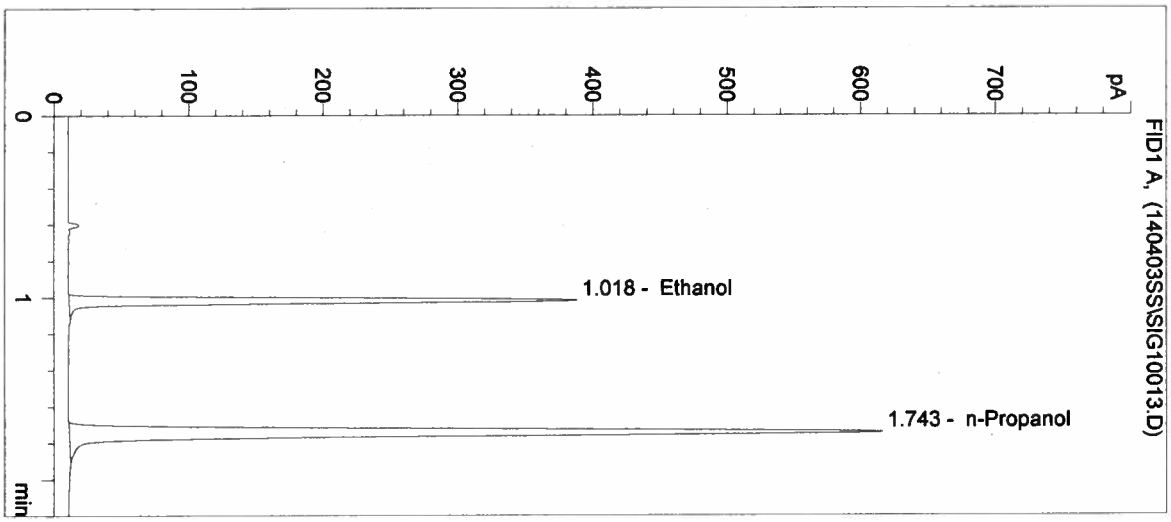
n-Propanol 0.012 g/100mL

SMS

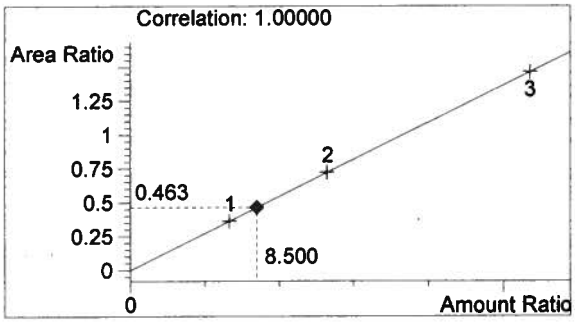
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/3/2014 11:51:24 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

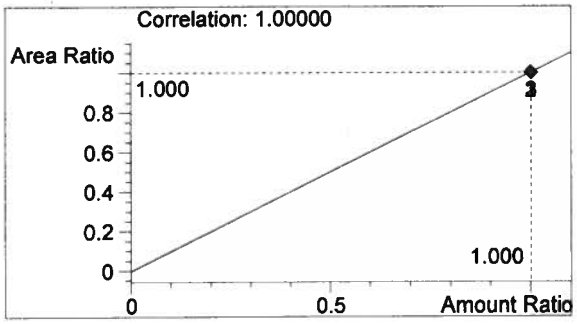
Sample Name: 14008 #4
Operator: Sarah Swenson
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	749	1.018
2	n-Propanol	1617	1.743



Ethanol 0.102 g/100mL



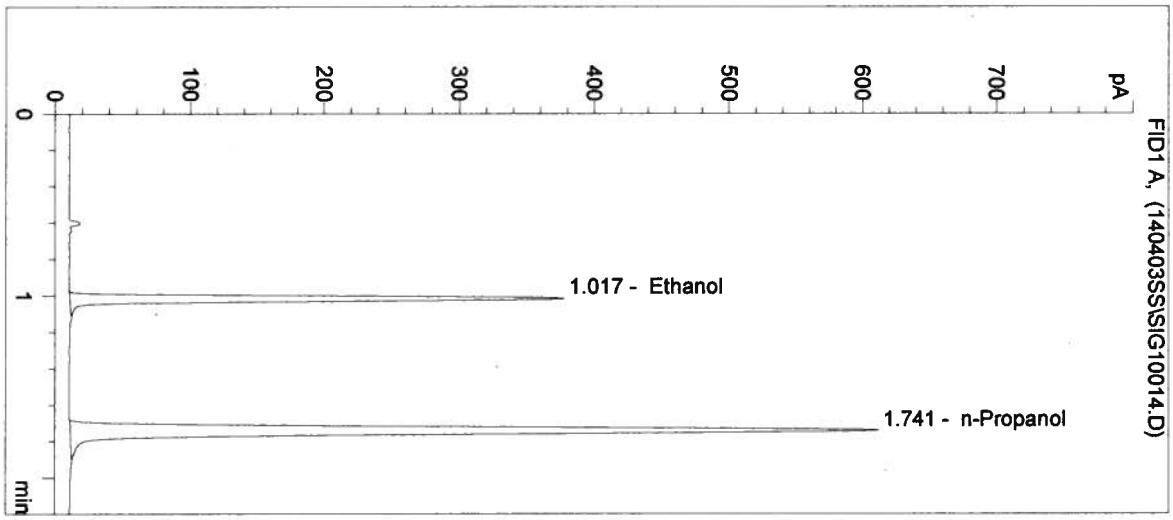
n-Propanol 0.012 g/100mL

SMS

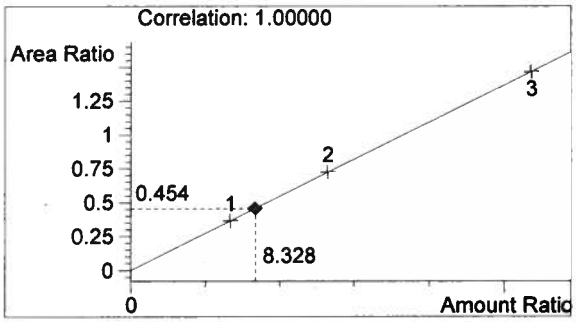
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/3/2014 11:54:32 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

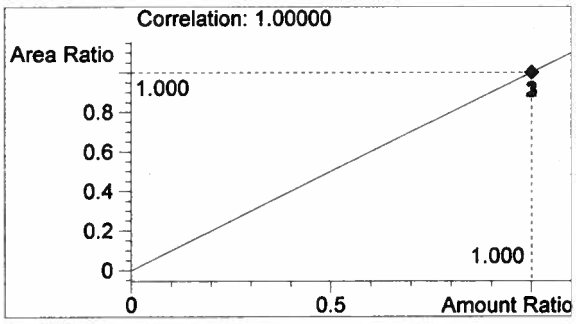
Sample Name: 14008 #5
Operator: Sarah Swenson
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	732	1.017
2	n-Propanol	1612	1.741



Ethanol 0.100 g/100mL



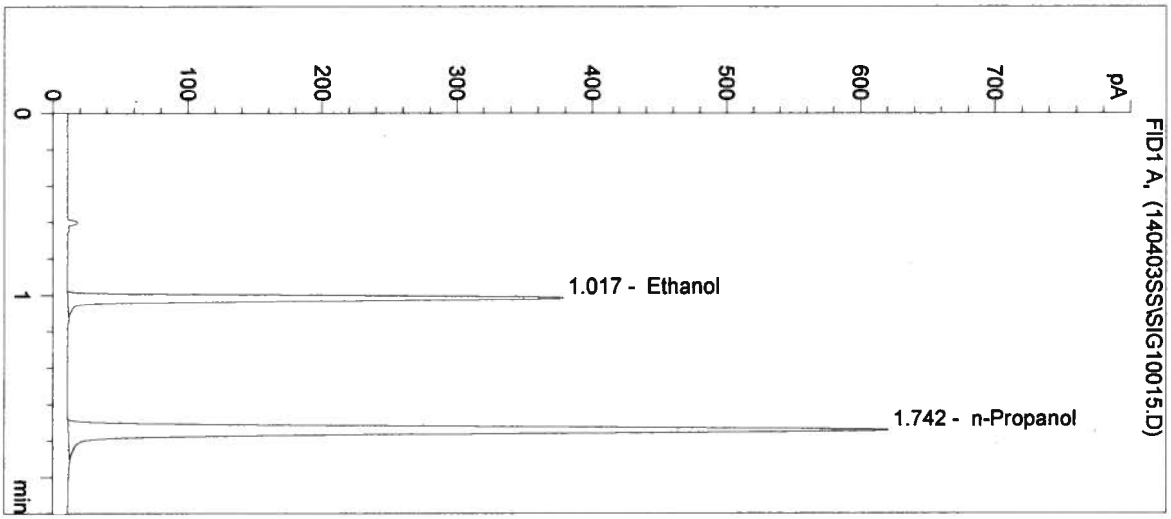
n-Propanol 0.012 g/100mL

SMS

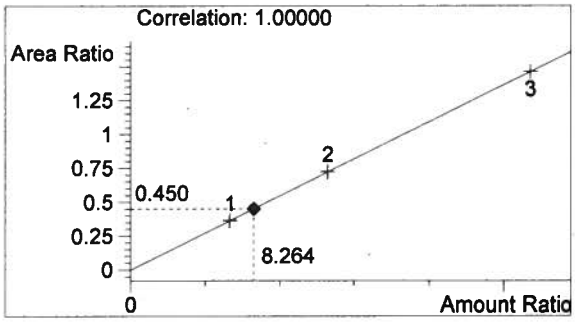
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/3/2014 11:57:40 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

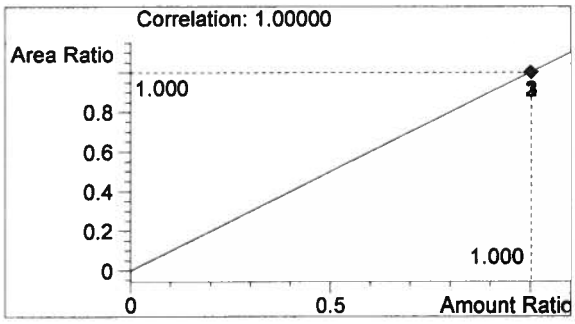
Sample Name: 0.10 CTRL
Operator: Sarah Swenson
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	736	1.017
2	n-Propanol	1634	1.742



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

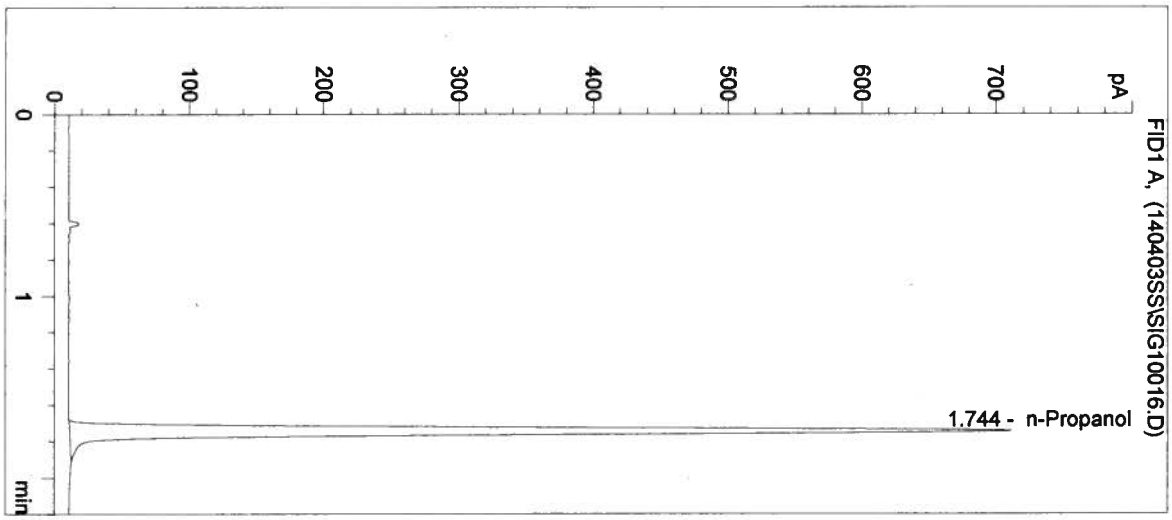
14008

SMS

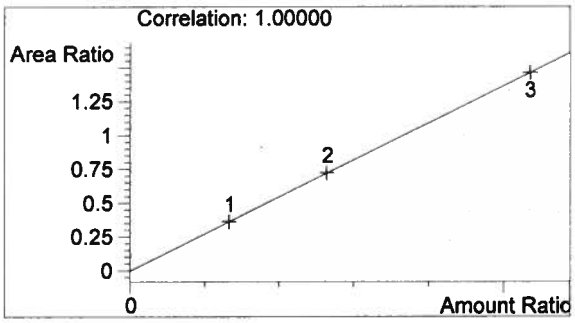
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/3/2014 12:00:47 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

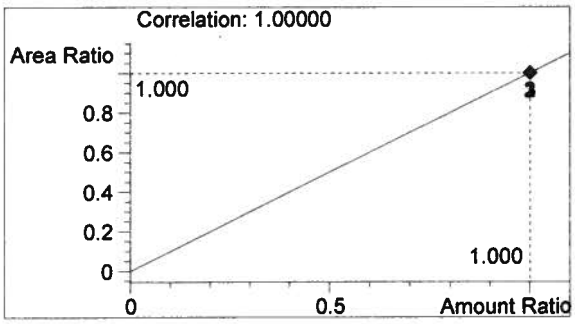


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1876	1.744



Ethanol 0.000 g/100mL

14008



n-Propanol 0.012 g/100mL

SMS