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: 14002

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: 01/15/2014
BATCH UNITS: g/100mL

IDENTITY: External Standard Solution
PREPARED BY: Christie Mitchell-Mata

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

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1018 g/100mL
STANDARD DEVIATION: 0.00178
PRECISION CV (%): 1.75
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0828 g/210L**
EXPANDED UNCERTAINTY: ± 0.0042 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Lisa Noble — Forensic Scientist Supervisor — 2/10/14 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
CM	Christie Mitchell-Mata		01/15/2014
AJL	Asa J. Louis		01/15/2014
AG	Andrew Gingras		01/16/2014
KK	Katie Knorr		01/16/2014
JLK	Justin L. Knoy		01/22/2014
LL	Lyndsey Lowe		01/23/2014
SS	Sarah M. Swenson		01/27/2014
DCS	Dawn C. Sklerov		01/27/2014

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 #: 14002 **Date Prepared:** **1/15/2014**

Analyst:	CM	AJL	AG	KK	JLK	LL	SS	DCS
Date Tested:	1/15/2014	1/15/2014	1/16/2014	1/16/2014	1/22/2014	1/23/2014	1/27/2014	1/27/2014
Instrument:	HSGC#3	HSGC#3	HSGC#3	HSGC#3	HSGC#3	HSGC#3	HSGC#3	HSGC#3
1	0.102	0.100	0.102	0.105	0.102	0.100	0.099	0.101
2	0.104	0.102	0.102	0.105	0.102	0.099	0.102	0.101
3	0.102	0.104	0.103	0.104	0.102	0.100	0.100	0.102
4	0.102	0.101	0.102	0.105	0.102	0.099	0.104	0.101
5	0.102	0.100	0.102	0.106	0.102	0.099	0.100	0.101
C	0.100	0.098	0.100	0.101	0.100	0.098	0.102	0.101

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0003060973	0.0002000000	0.0001016326

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

Average Solution Concentration: 0.1018 g/100mL
Standard Deviation: 0.00178 g/100mL
Precision CV (%): 1.75
Equivalent Vapor Concentration: 0.0828 g/210L
Combined Standard Uncertainty (±): 0.0021 g/210L
Expanded Uncertainty (±): 0.0042 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Lisa Noble — Lisa Noble — 2/3/14
Name — Signature — Date

Calculations verified by: Amanda M. Black — [signature] — 2-10-2014
Name — Signature — Date

Method: Hand Calculation

Technical review of batch file performed by:

Lisa Noble — Lisa Noble — 2/3/14
Name — Signature — Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 2-10-2014

Location: WSP-FLSB Seattle, WA Solution Batch Number: 14002

	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: 2-10-2014

Reviewer Signature: N/A AB 2-10-14 Date:

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

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

Please initial and date below to affirm that you have:

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

	Initials	Date
Amanda Chandler		
Andrew Gingras	AG	2/5/14
Asa Louis	AL	20140203
Brittany Ball		
Christie Mitchell-Mata	CM	2/3/14
Christopher Johnston		
Dawn Sklerov	DS	2.5.14
Justin Knoy	JK	2/3/14
Katie Knorr	KK	2/4/14
Lyndsey Lowe	LL	2.3.14
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson	SMS	2/5/14

Batch # 14002

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 14002

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 14002, was prepared in the Washington State Toxicology Laboratory on 1/15/2014. 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 1/15/2015.

Seattle, WA

2/3/2014

Christie Mitchell-Mata Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
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 14002

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 14002, was prepared in the Washington State Toxicology Laboratory on 1/15/2014. 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 1/15/2015.

Seattle, WA

20140203

Asa J. Louis Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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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 14002

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 14002, was prepared in the Washington State Toxicology Laboratory on 1/15/2014. 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 1/15/2015.

Seattle, WA

1/5/14

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 14002

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 14002, was prepared in the Washington State Toxicology Laboratory on 1/15/2014. 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 1/15/2015.

Seattle, WA

Katie Knorr 2/4/14

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 14002

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 14002, was prepared in the Washington State Toxicology Laboratory on 1/15/2014. 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 1/15/2015.

Seattle, WA

2/3/14

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 14002

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 14002, was prepared in the Washington State Toxicology Laboratory on 1/15/2014. 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 1/15/2015.

Seattle, WA

2.3.14

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 14002

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 14002, was prepared in the Washington State Toxicology Laboratory on 1/15/2014. 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 1/15/2015.

Seattle, WA

2/5/14

Sarah M. Swenson — 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 14002

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 14002, was prepared in the Washington State Toxicology Laboratory on 1/15/2014. 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 1/15/2015.

Seattle, WA

2-5-14

Dawn C. Sklerov — 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: 1/15/2014 Initials of Preparer: CM

Expiration Date: 1/15/2015

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

Date the 200-proof Ethanol bottle was opened: 12/16/13

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

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	☐	
QAP 0.08	22.4	18	☐	
QAP 0.10	28.1	18	☐	
QAP 0.15	42.0	18	☐	
ESS	66.5	52	☑	14002

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 1/15/14 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 1/15/14 Date

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:	140115CM
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#P1113 Exp. 02/14/14

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	14002 #1	SIMALC3	1	Sample		
11	Vial 11	14002 #2	SIMALC3	1	Sample		
12	Vial 12	14002 #3	SIMALC3	1	Sample		
13	Vial 13	14002 #4	SIMALC3	1	Sample		
14	Vial 14	14002 #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!

14002

CM

Method C:\HPCHEM\2\METHODS\SIMALC3.M

Calibration Table

Calib. Data Modified : Wednesday, January 15, 2014 10:14:54 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	545.47961	1.46715e-4		1	Ethanol
		2	1.58560e-1	1078.34656	1.47040e-4			
		3	3.21220e-1	2175.12305	1.47679e-4			
1.742	1	1	1.20000e-2	1540.35254	7.79042e-6	I1		n-Propanol
		2	1.20000e-2	1529.98633	7.84321e-6			
		3	1.20000e-2	1545.03052	7.76684e-6			

14002

Peak Sum Table

No Entries in table

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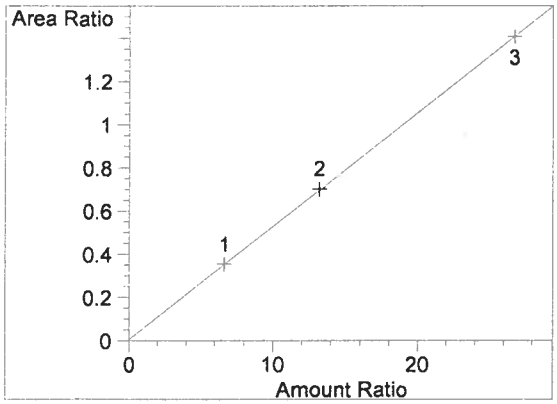
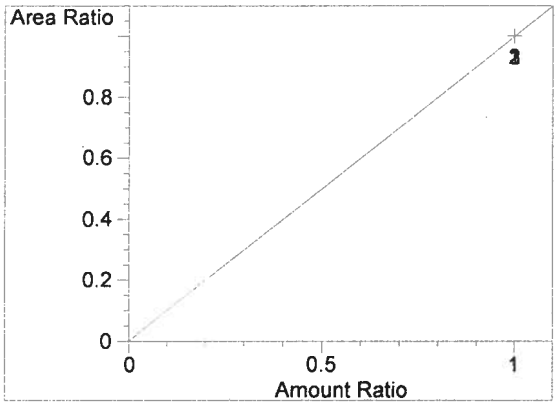
Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00571
Formula: y = mx + b
m: 5.25888e-2
b: 3.36086e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.742
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

==========

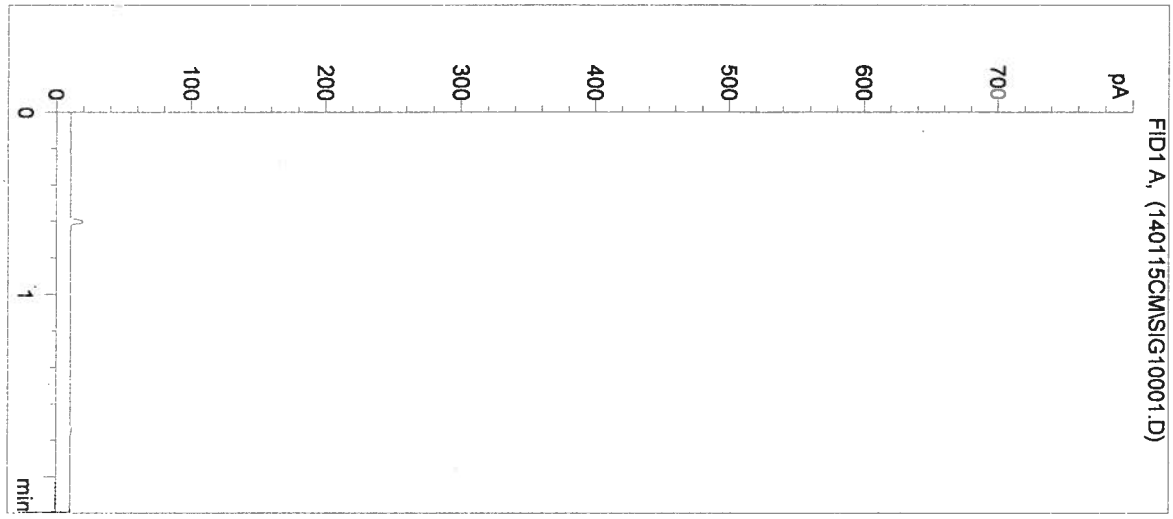
14002

CM

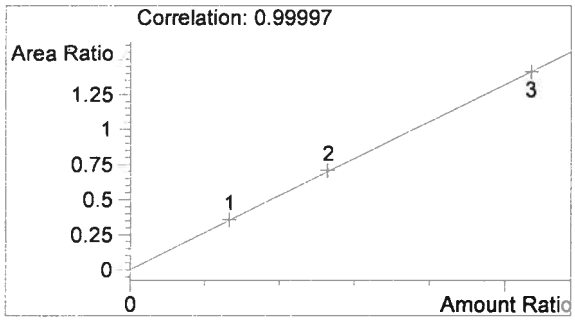
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 10:03:19 AM
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

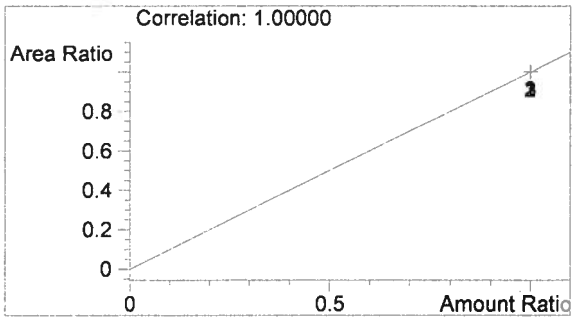


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14002



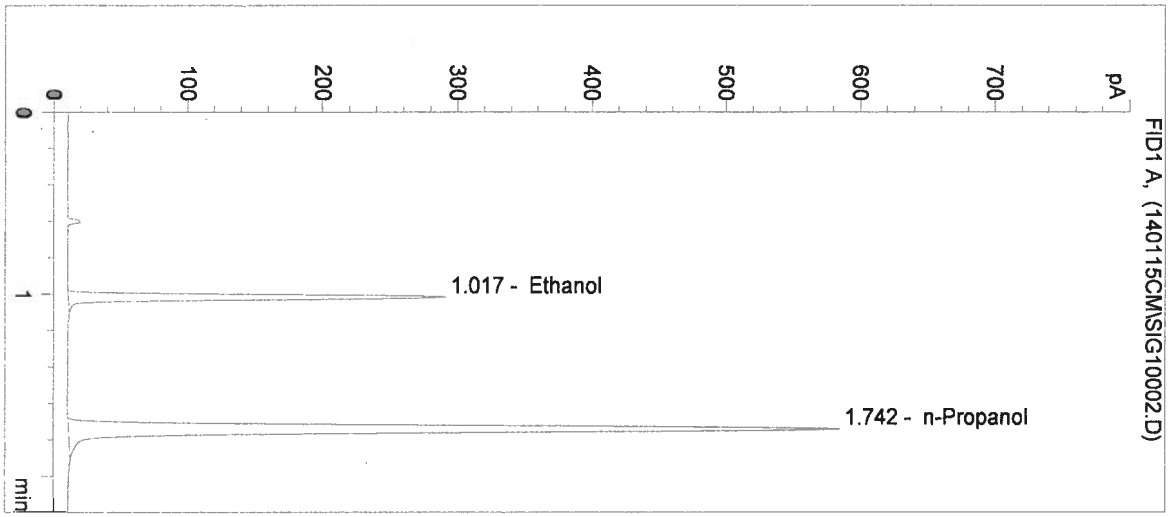
n-Propanol 0.000 g/100mL

CM

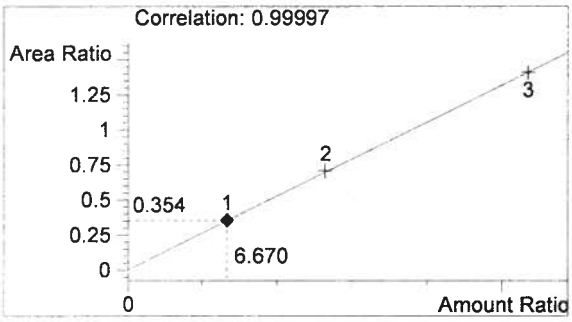
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 10:06:27 AM
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

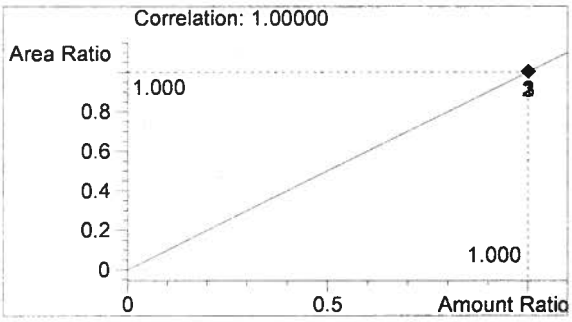


#	Compound	Peak Area	RT (min)
1	Ethanol	545	1.017
2	n-Propanol	1540	1.742



Ethanol 0.080 g/100mL

14002



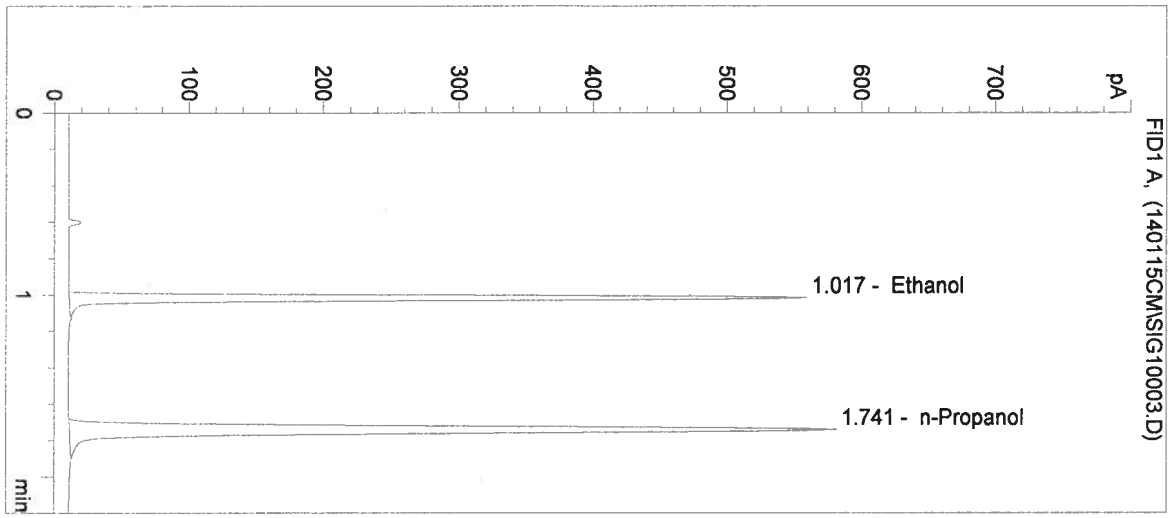
n-Propanol 0.012 g/100mL

CM

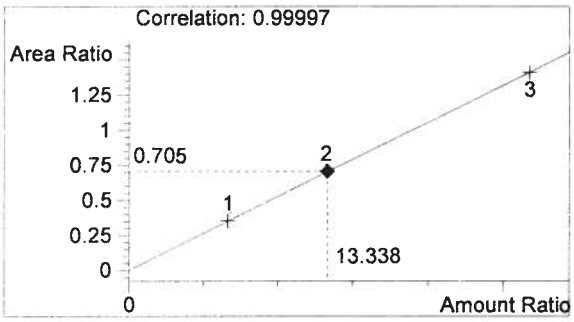
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 10:09:35 AM
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

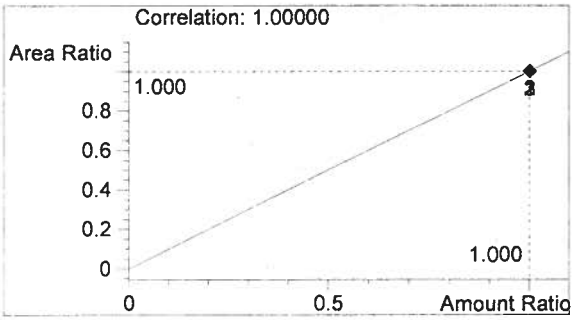


#	Compound	Peak Area	RT (min)
1	Ethanol	1078	1.017
2	n-Propanol	1530	1.741



Ethanol 0.160 g/100mL

14002



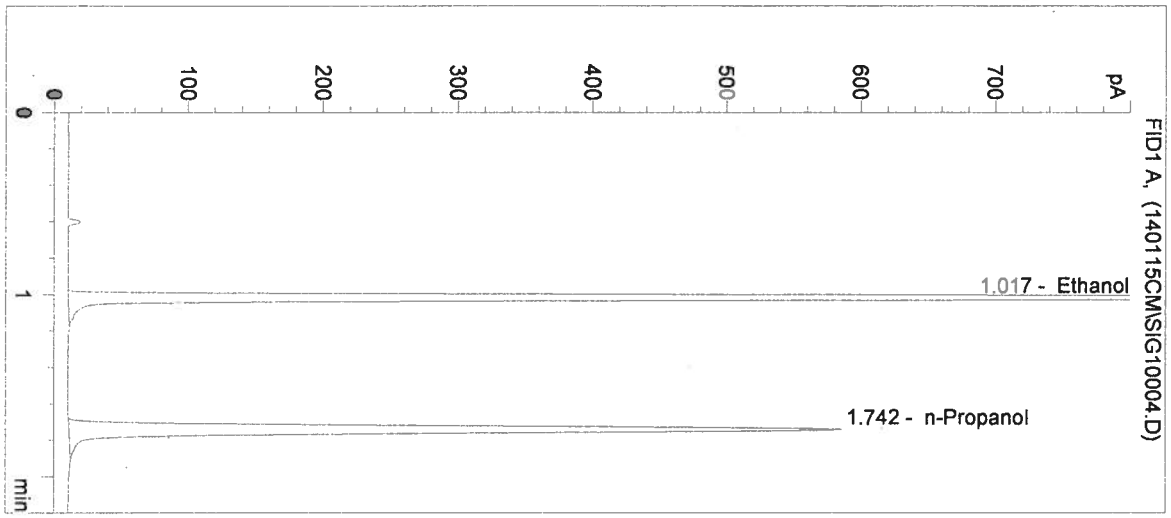
n-Propanol 0.012 g/100mL

CM

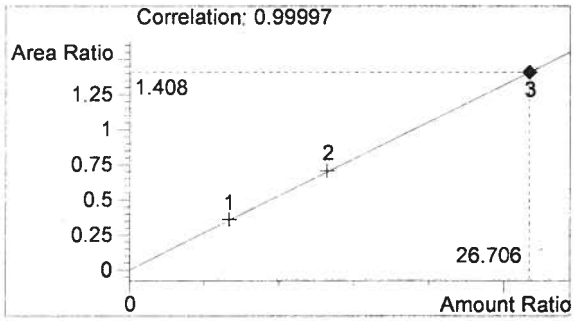
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 10:12:42 AM
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

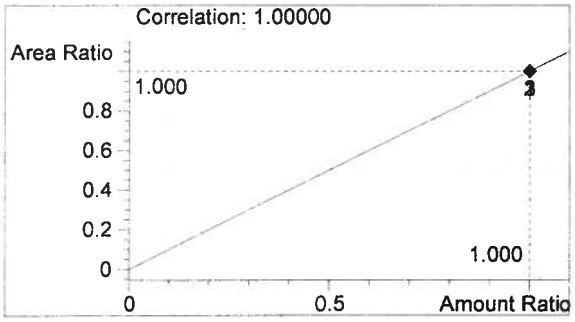


#	Compound	Peak Area	RT (min)
1	Ethanol	2175	1.017
2	n-Propanol	1545	1.742



Ethanol 0.320 g/100mL

14002



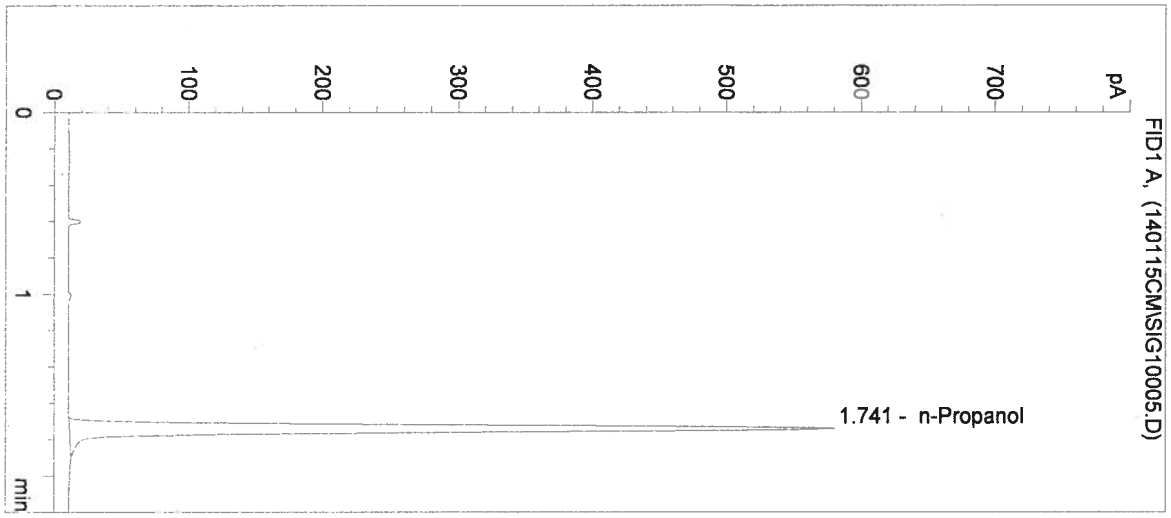
n-Propanol 0.012 g/100mL

CM

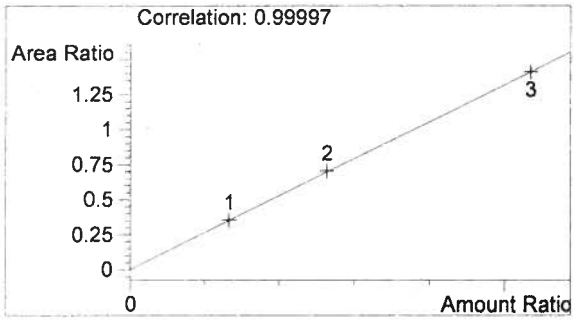
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 10:15:50 AM
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

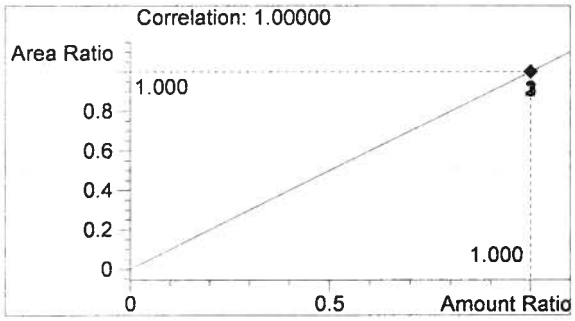


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1538	1.741



Ethanol 0.000 g/100mL

14002

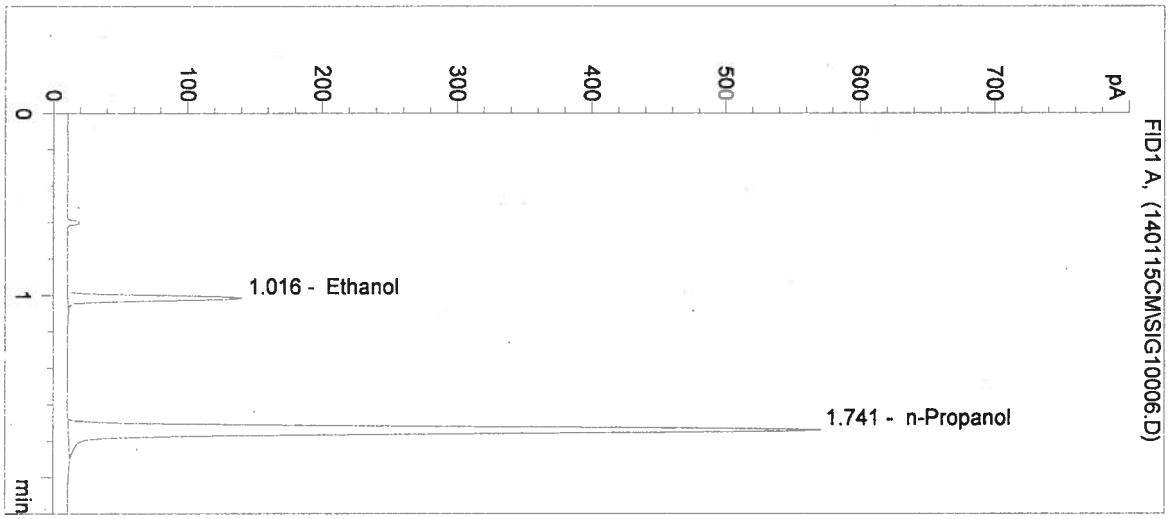


n-Propanol 0.012 g/100mL

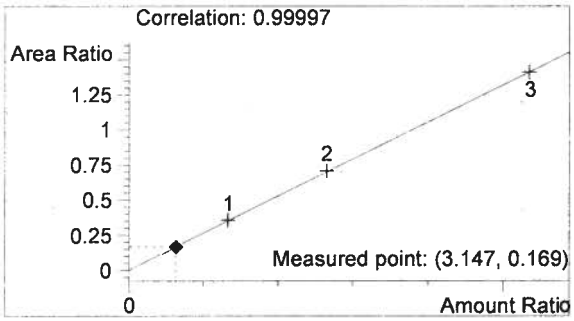
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 10:18:57 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

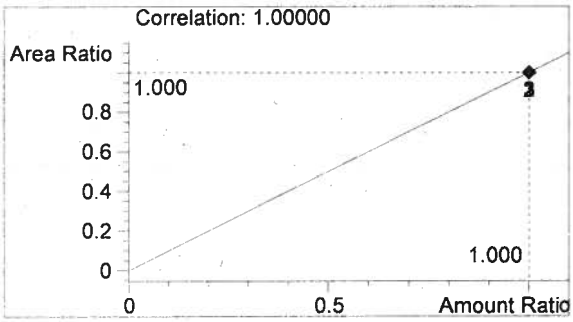
Sample Name: 0.04 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	254	1.016
2	n-Propanol	1506	1.741



Ethanol 0.038 g/100mL



n-Propanol 0.012 g/100mL

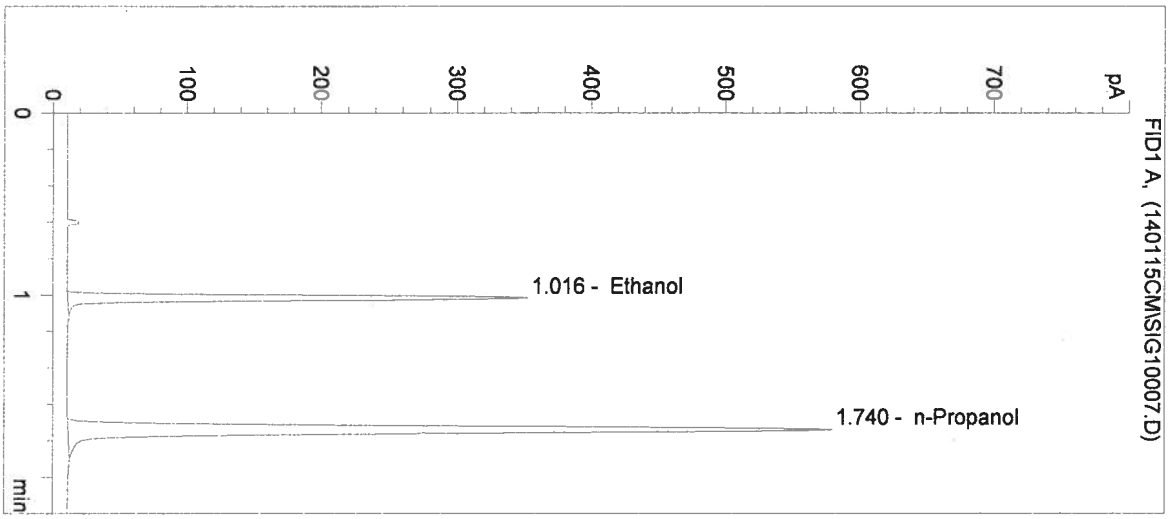
14002

CM

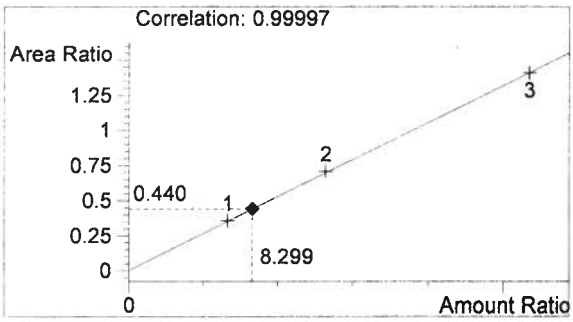
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 10:22:05 AM
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

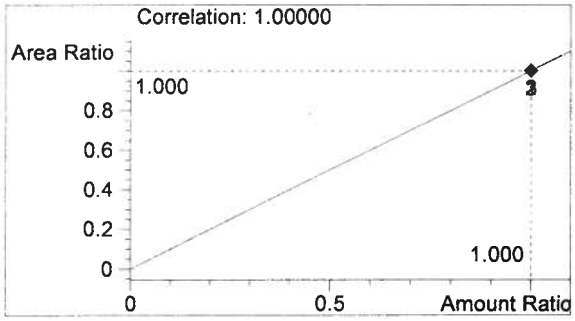


#	Compound	Peak Area	RT (min)
1	Ethanol	673	1.016
2	n-Propanol	1530	1.740



Ethanol 0.100 g/100mL

14002

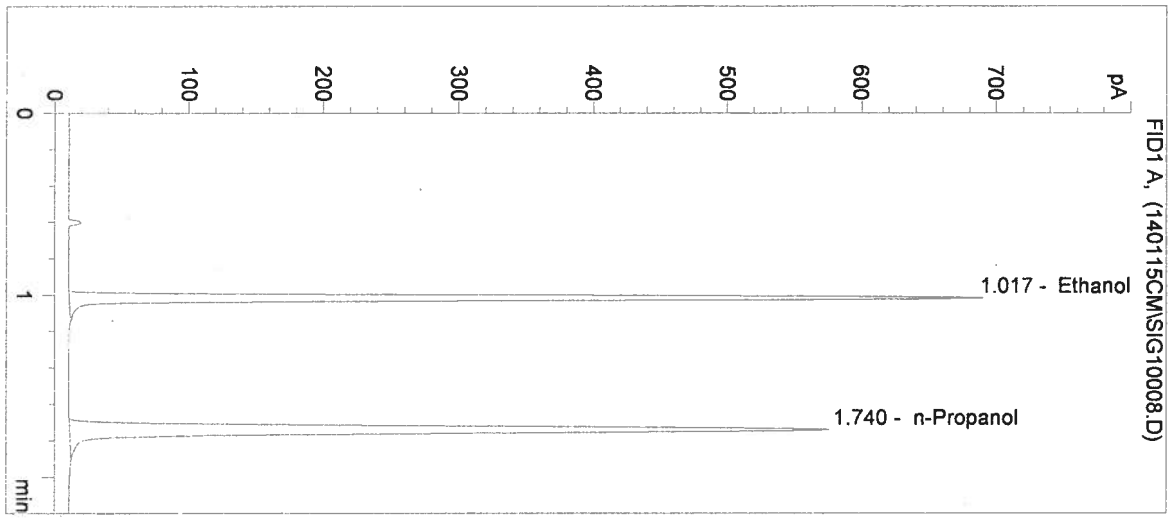


n-Propanol 0.012 g/100mL

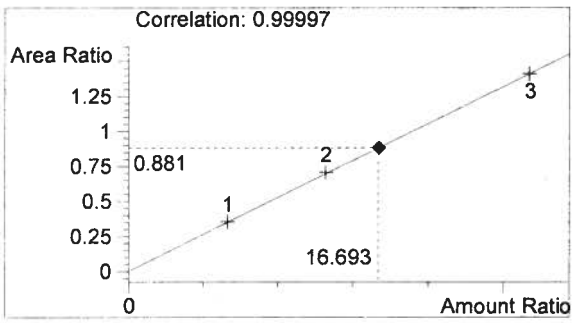
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 10:25:12 AM
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

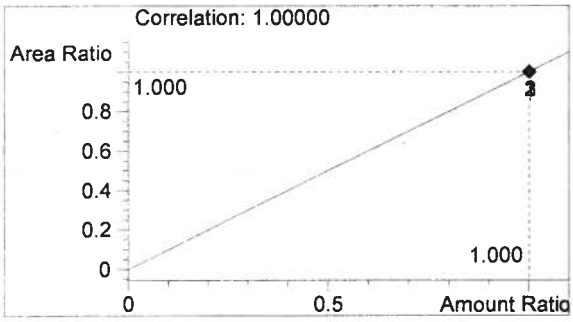


#	Compound	Peak Area	RT (min)
1	Ethanol	1342	1.017
2	n-Propanol	1522	1.740



Ethanol 0.200 g/100mL

14002



n-Propanol 0.012 g/100mL

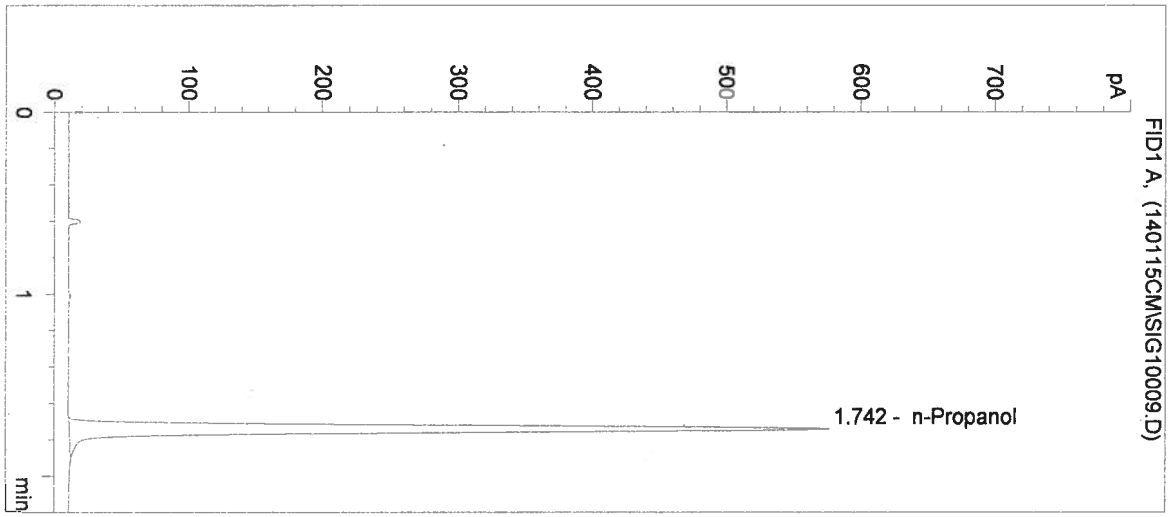
Data File: C:\HPCHEM\2\DATA\140115CM\SIG10008.D

CM

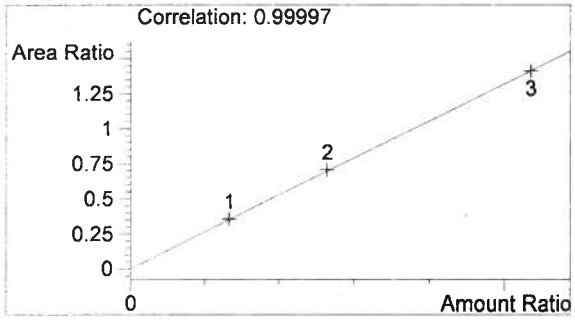
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 10:28:20 AM
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

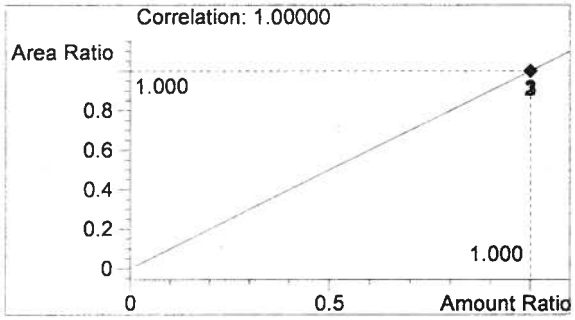


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1523	1.742



Ethanol 0.000 g/100mL

14002

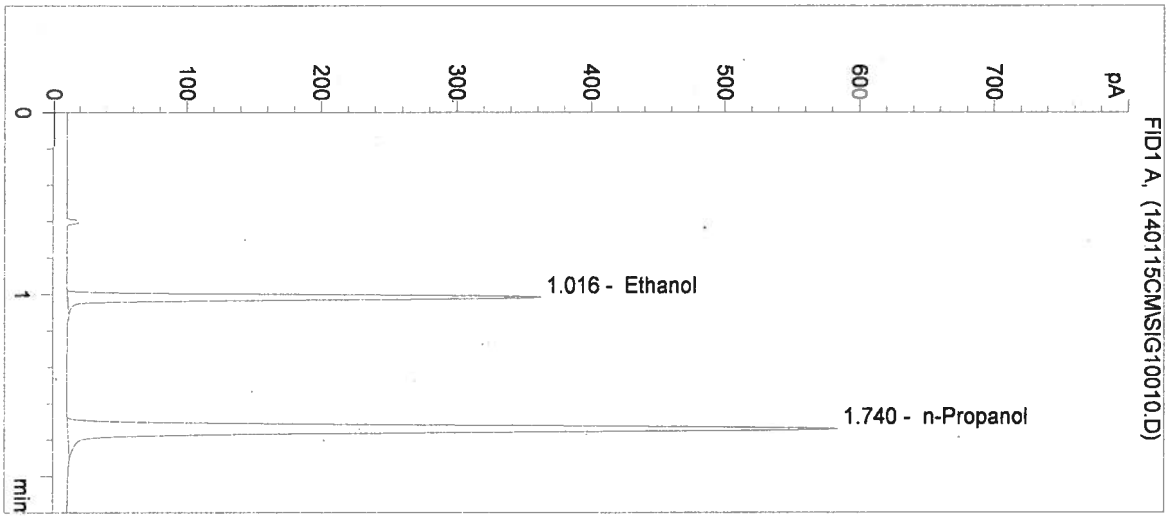


n-Propanol 0.012 g/100mL

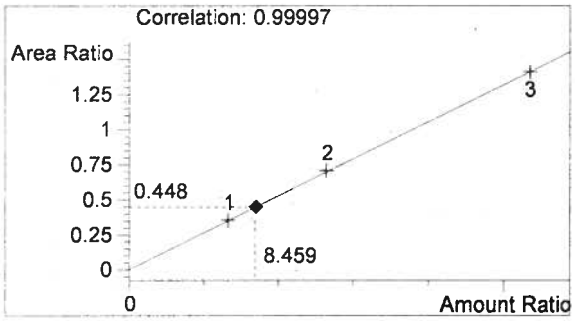
Data File: C:\HPCHEM\2\DATA\140115CM\SIG10009.D

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

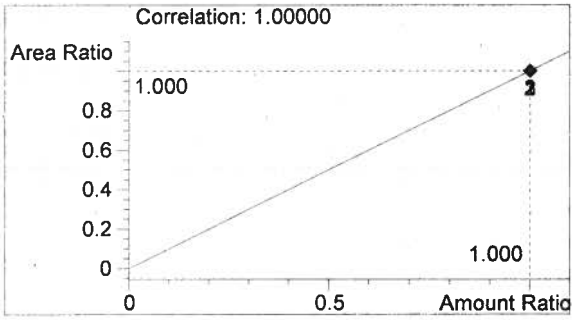
Inj. Date: 1/15/2014 10:31:28 AM
Sample Name: 14002 #1
Instrument: HSGC#3
Operator: Christie Mitchell-Mata
Column: DB-ALC2
Location: Vial 10
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	691	1.016
2	n-Propanol	1542	1.740



Ethanol 0.102 g/100mL



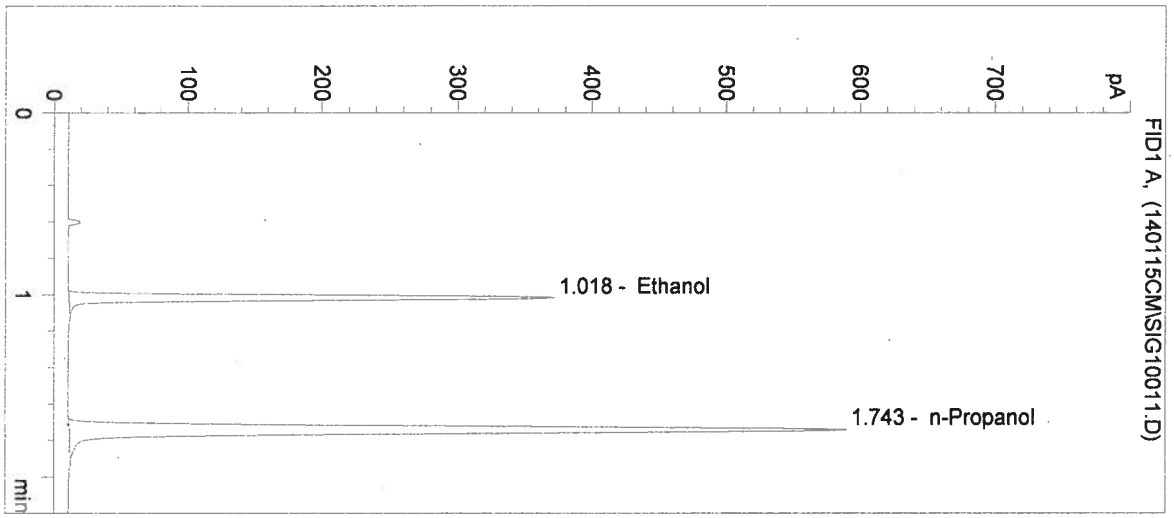
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140115CM\SIG10010.D

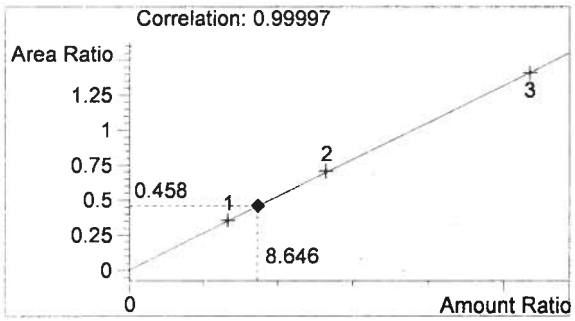
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 10:34:35 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

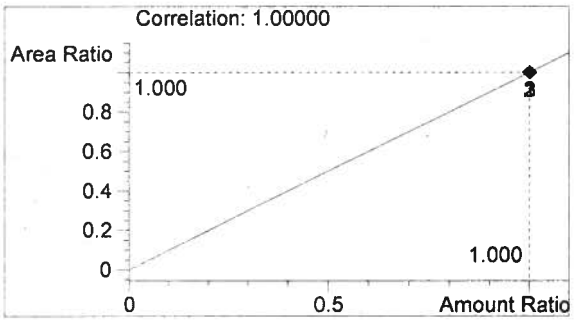
Sample Name: 14002 #2
Operator: Christie Mitchell-Mata
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	714	1.018
2	n-Propanol	1559	1.743



Ethanol 0.104 g/100mL



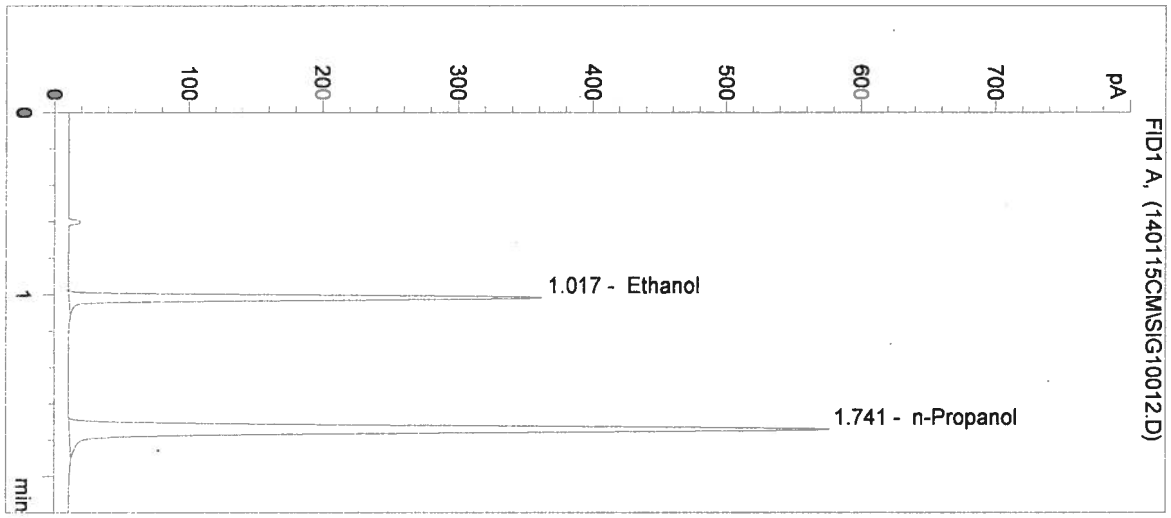
n-Propanol 0.012 g/100mL

CM

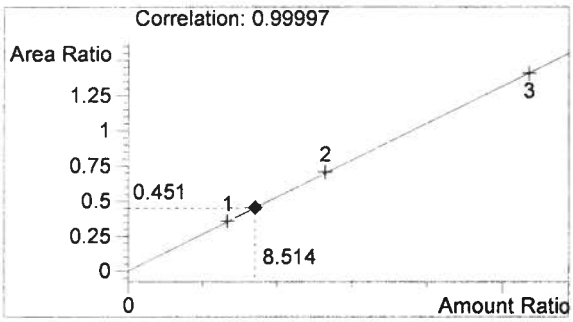
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 10:37:43 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

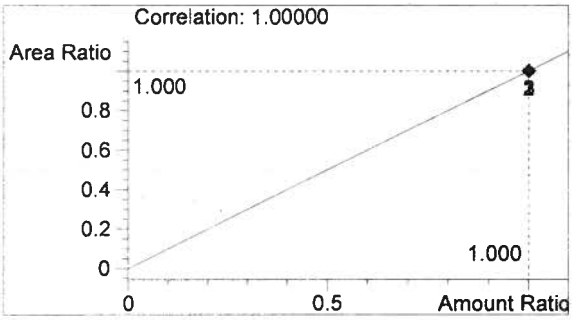
Sample Name: 14002 #3
Operator: Christie Mitchell-Mata
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	685	1.017
2	n-Propanol	1519	1.741



Ethanol 0.102 g/100mL

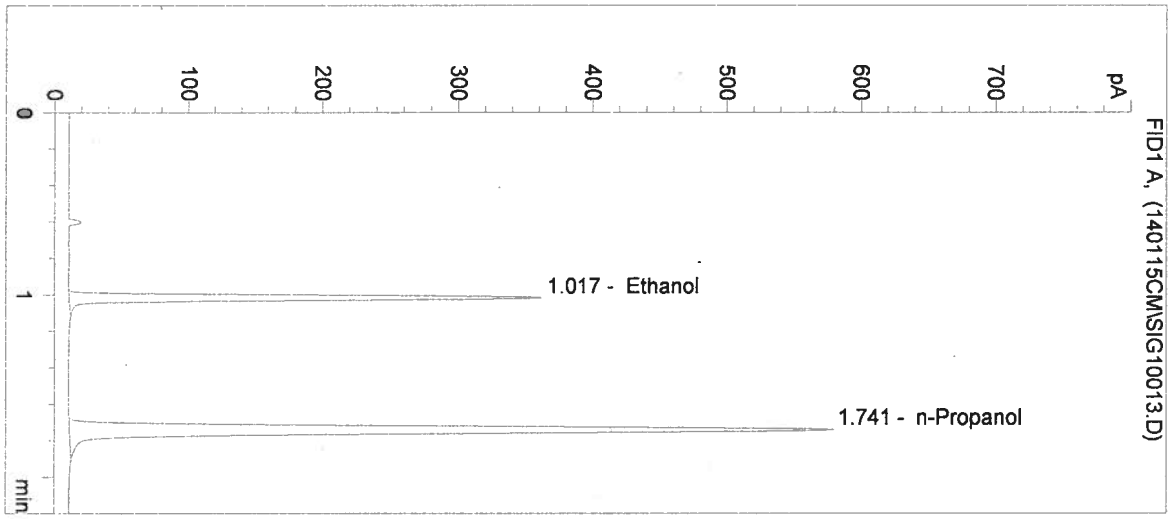


n-Propanol 0.012 g/100mL

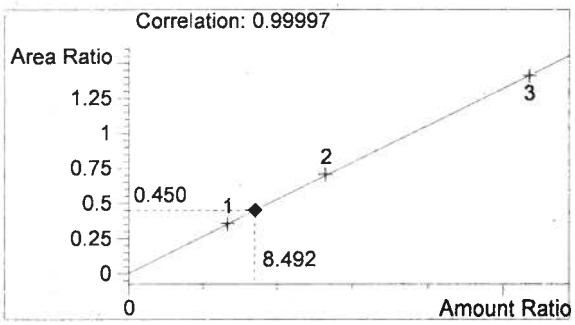
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 10:40:50 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

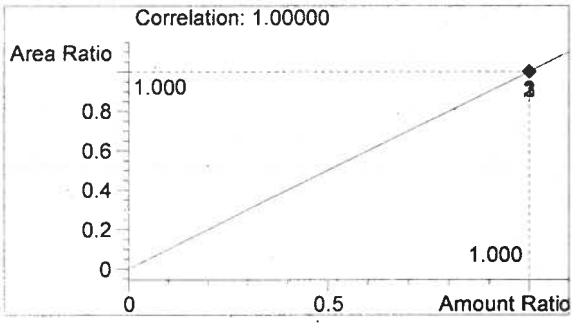
Sample Name: 14002 #4
Operator: Christie Mitchell-Mata
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	688	1.017
2	n-Propanol	1529	1.741



Ethanol 0.102 g/100mL



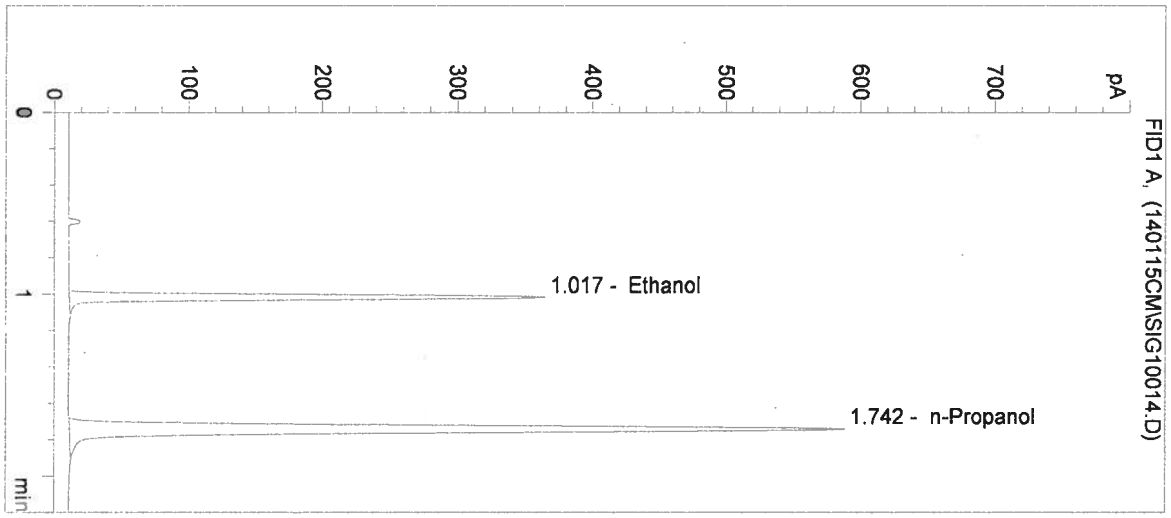
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140115CM\SIG10013.D

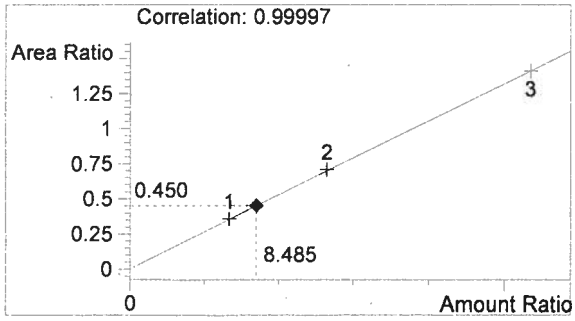
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 10:43:58 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

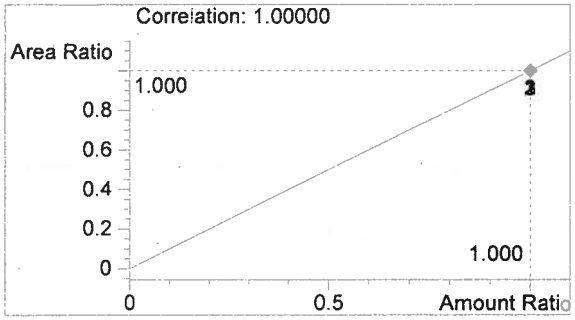
Sample Name: 14002 #5
Operator: Christie Mitchell-Mata
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	698	1.017
2	n-Propanol	1553	1.742



Ethanol 0.102 g/100mL



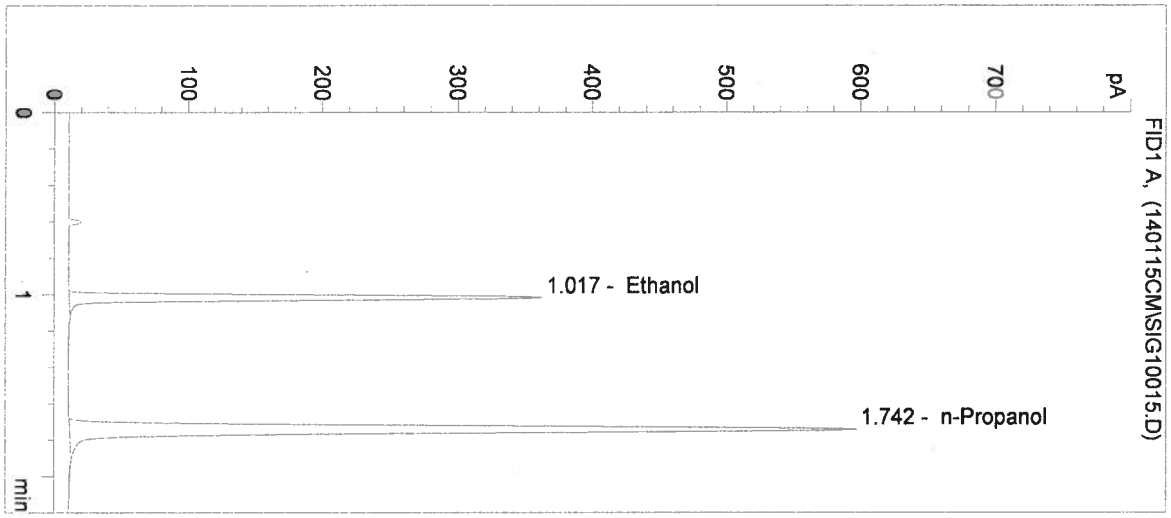
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140115CM\SIG10014.D

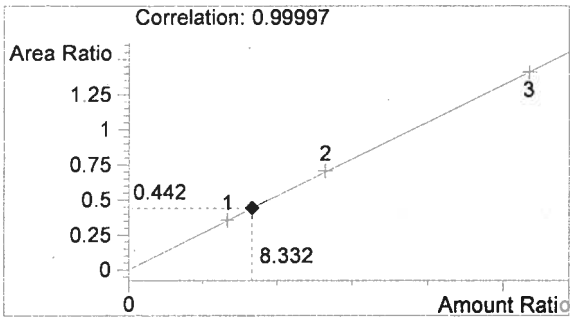
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 10:47:05 AM
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

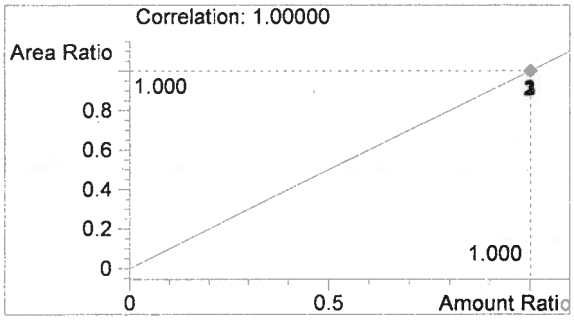


#	Compound	Peak Area	RT (min)
1	Ethanol	695	1.017
2	n-Propanol	1575	1.742



Ethanol 0.100 g/100mL

14002



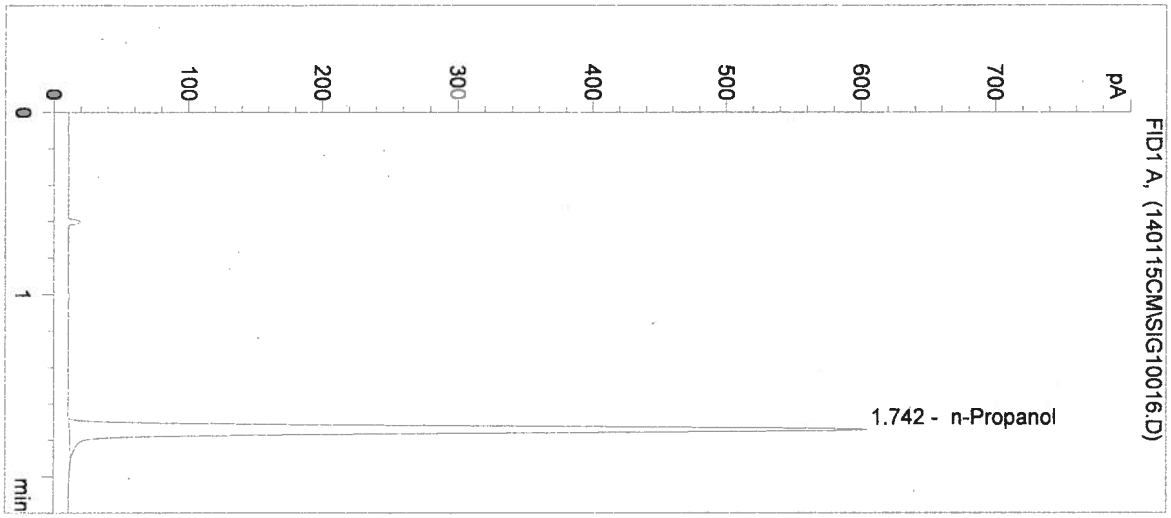
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140115CM\SIG10015.D

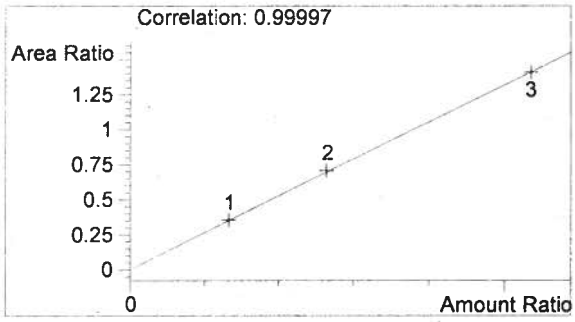
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 10:50:13 AM
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

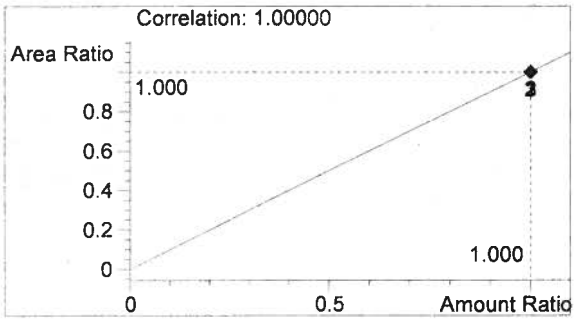


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1596	1.742



Ethanol 0.000 g/100mL

14002



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140115CM\SIG10016.D

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:	140115A1
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 p1113 exp 02/14/2014

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	14002 #1	SIMALC3	1	Sample		
11	Vial 11	14002 #2	SIMALC3	1	Sample		
12	Vial 12	14002 #3	SIMALC3	1	Sample		
13	Vial 13	14002 #4	SIMALC3	1	Sample		
14	Vial 14	14002 #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!

14002

Calibration Table

Calib. Data Modified : Wednesday, January 15, 2014 5:39:21 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	554.37756	1.44360e-4	1	Ethanol
		2	1.58560e-1	1124.83972	1.40962e-4		
		3	3.21220e-1	2191.18457	1.46597e-4		
1.741	1	1	1.20000e-2	1488.61719	8.06117e-6	I1	n-Propanol
		2	1.20000e-2	1550.51648	7.73936e-6		
		3	1.20000e-2	1538.31116	7.80076e-6		

Peak Sum Table

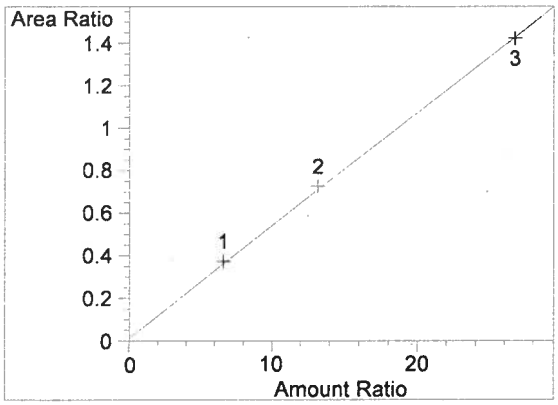
No Entries in table

14002

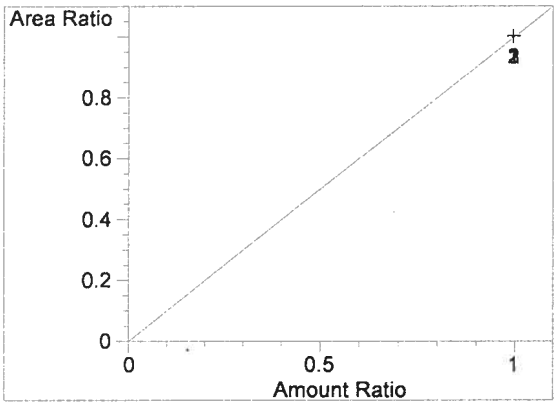
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.018
FID1 A,
Correlation: 0.99982
Residual Std. Dev.: 0.01418
Formula: y = mx + b
m: 5.30774e-2
b: 1.15439e-2
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

==========

14002

ML

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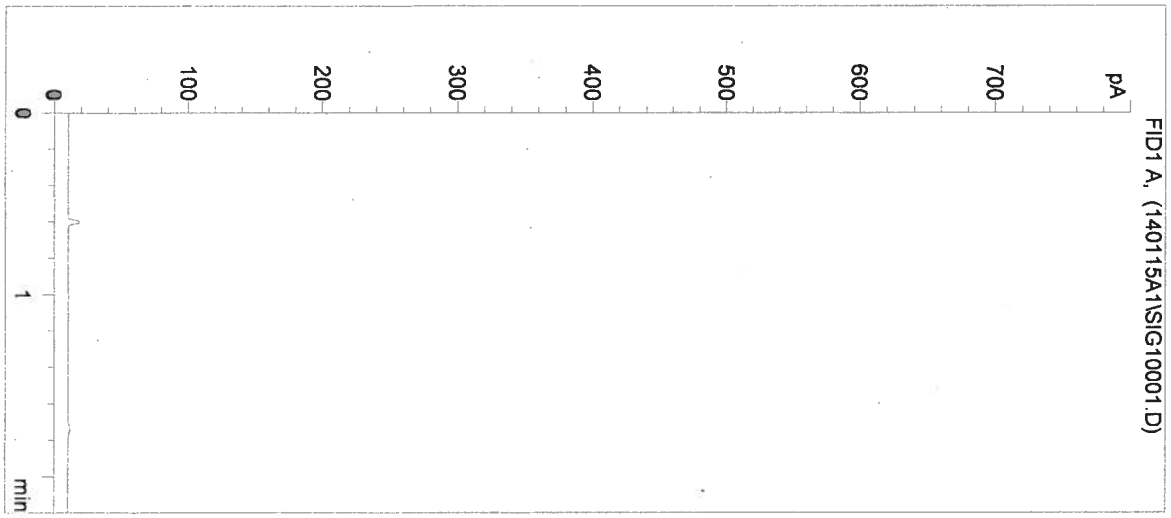
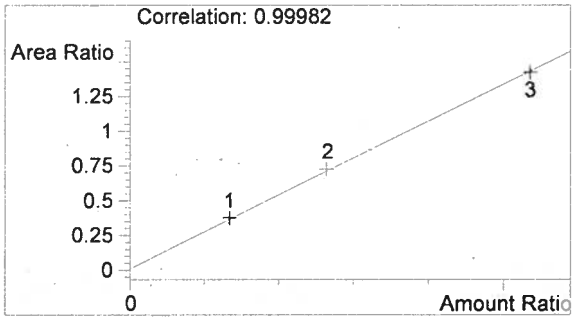
Inj. Date: 1/15/2014 5:27:46 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

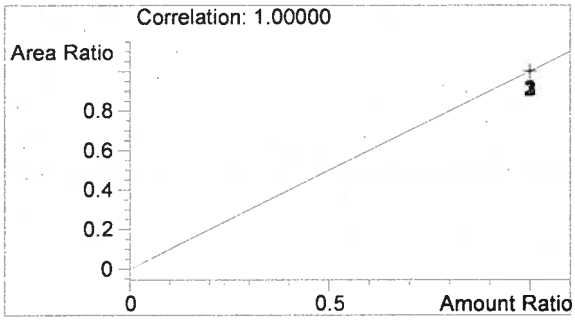


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14002



n-Propanol 0.000 g/100mL

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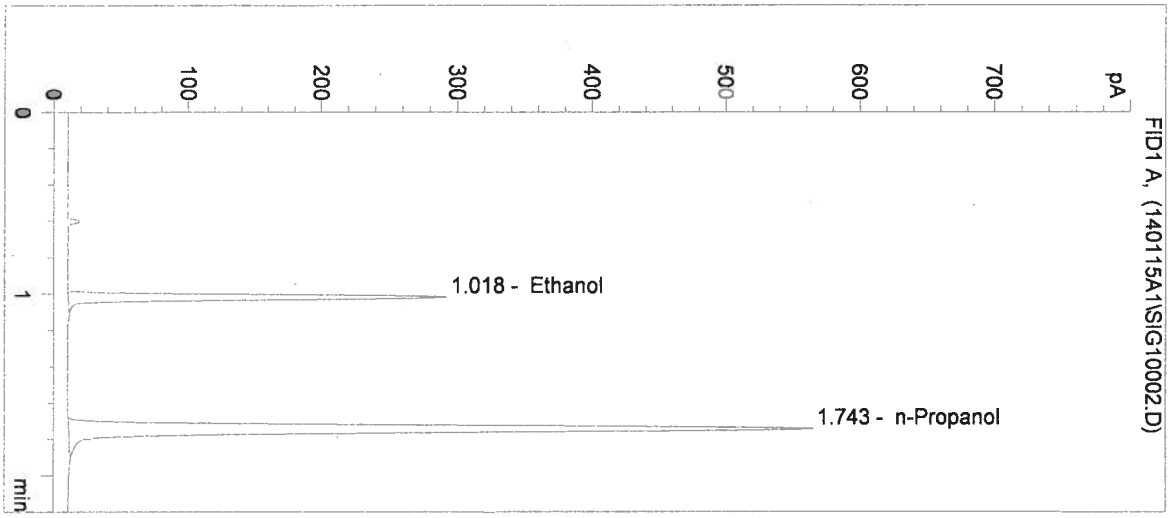
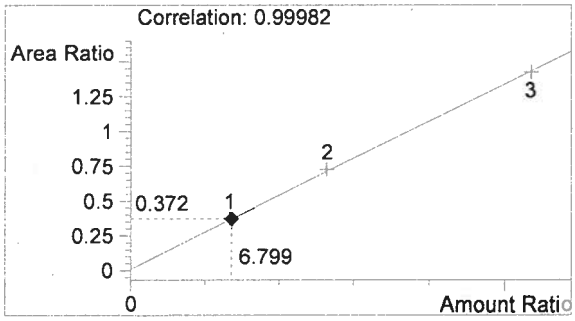
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 5:30:53 PM
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

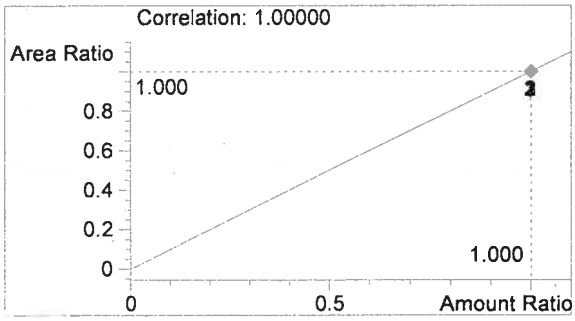


#	Compound	Peak Area	RT (min)
1	Ethanol	554	1.018
2	n-Propanol	1489	1.743



Ethanol 0.082 g/100mL

14002



n-Propanol 0.012 g/100mL

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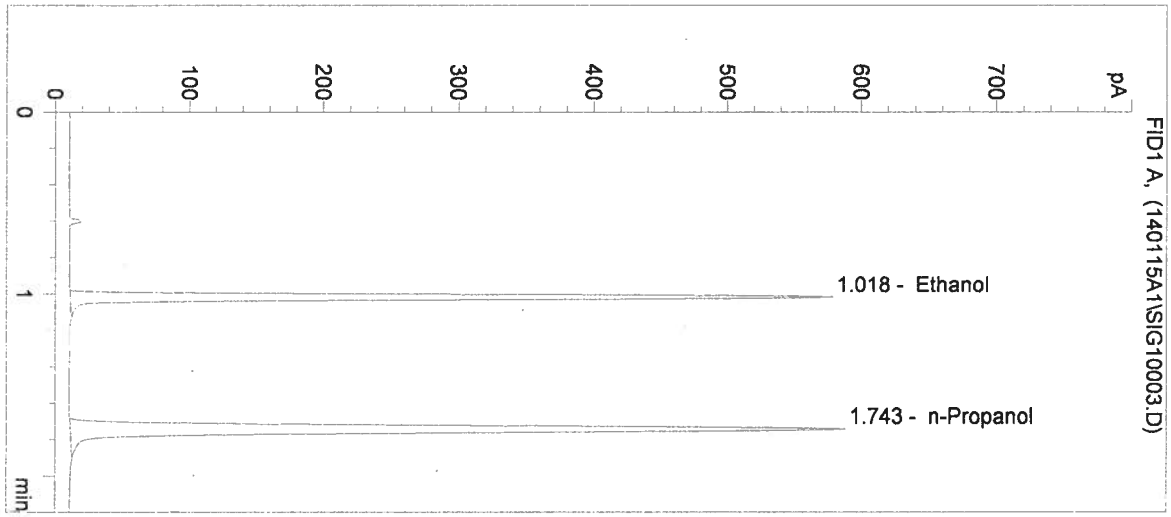
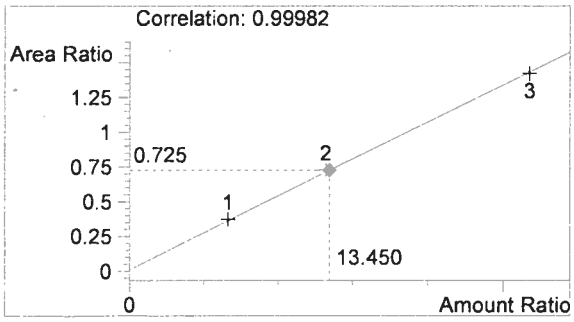
Inj. Date: 1/15/2014 5:34:01 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

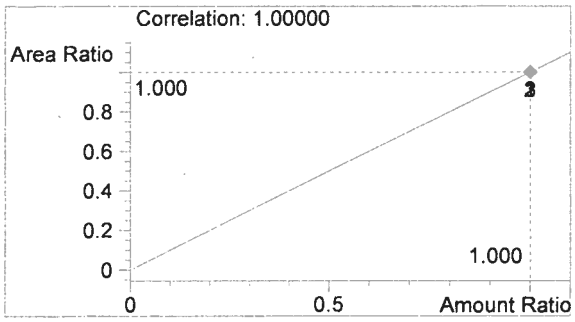


#	Compound	Peak Area	RT (min)
1	Ethanol	1125	1.018
2	n-Propanol	1551	1.743



Ethanol 0.161 g/100mL

14002



n-Propanol 0.012 g/100mL

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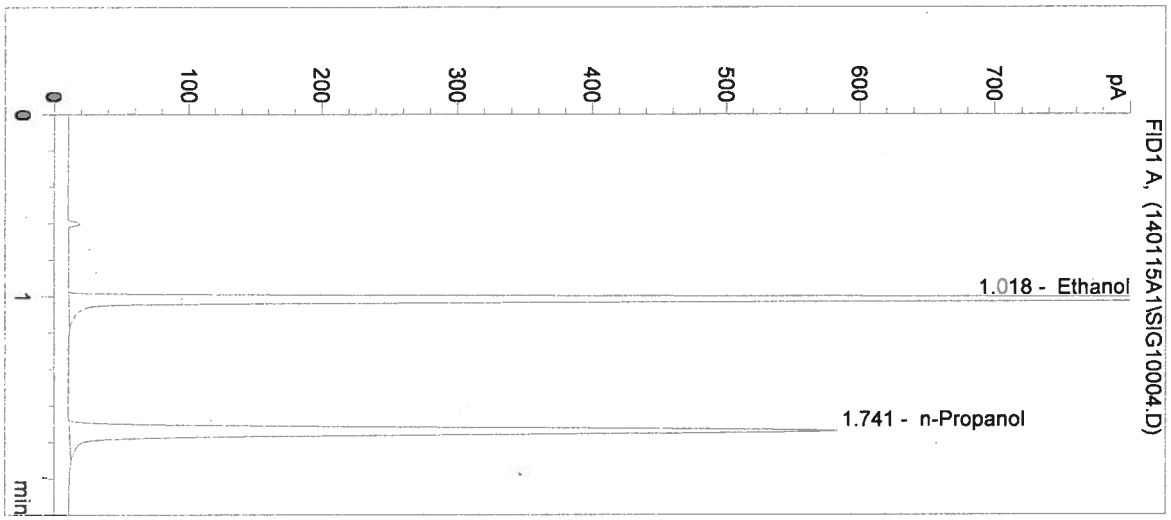
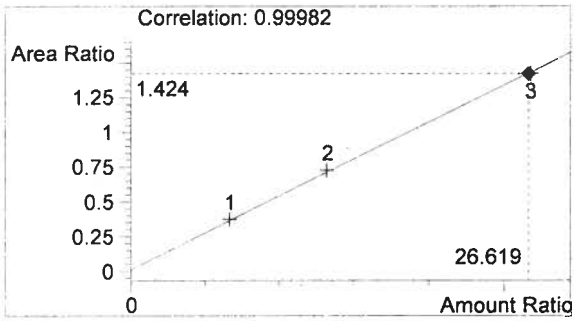
Inj. Date: 1/15/2014 5:37:09 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

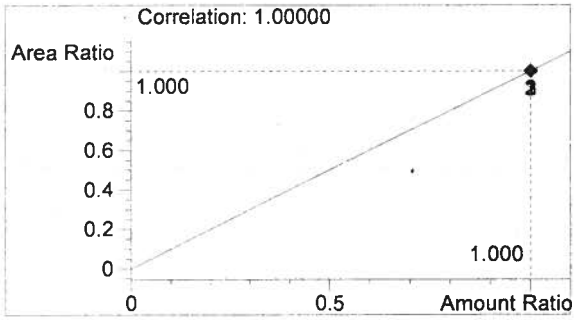


#	Compound	Peak Area	RT (min)
1	Ethanol	2191	1.018
2	n-Propanol	1538	1.741



Ethanol 0.319 g/100mL

14002



n-Propanol 0.012 g/100mL

AL

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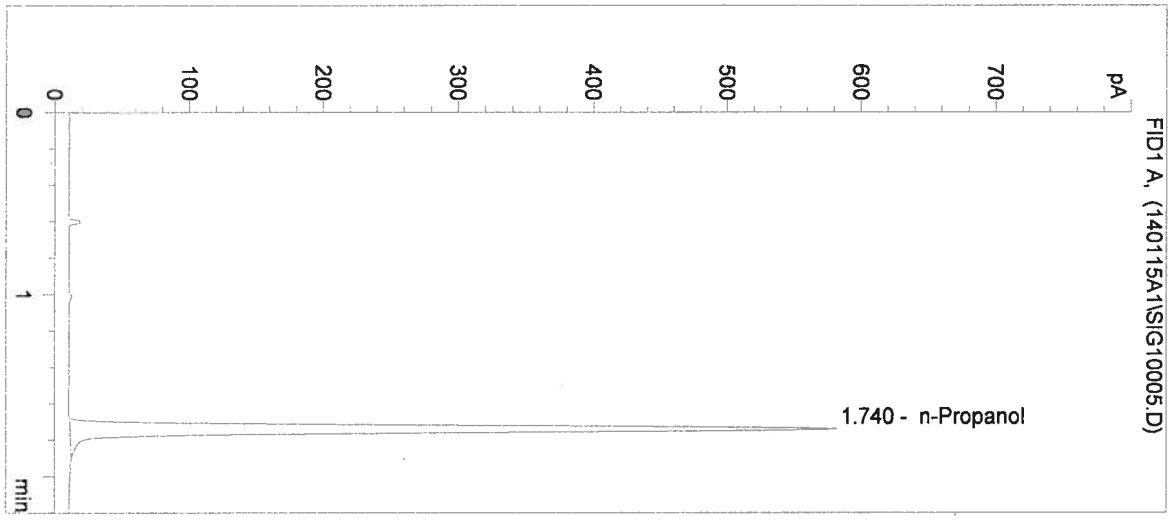
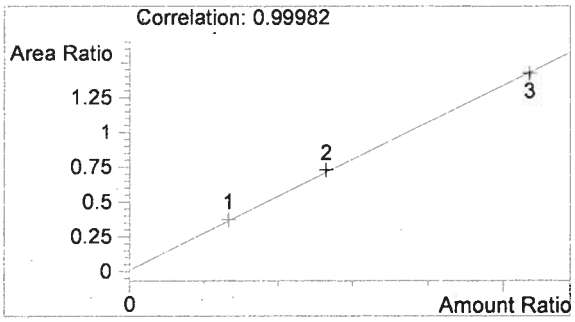
Inj. Date: 1/15/2014 5:40:16 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

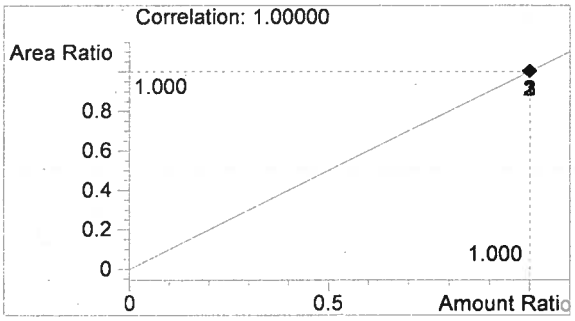


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1536	1.740



Ethanol 0.000 g/100mL

14002



n-Propanol 0.012 g/100mL

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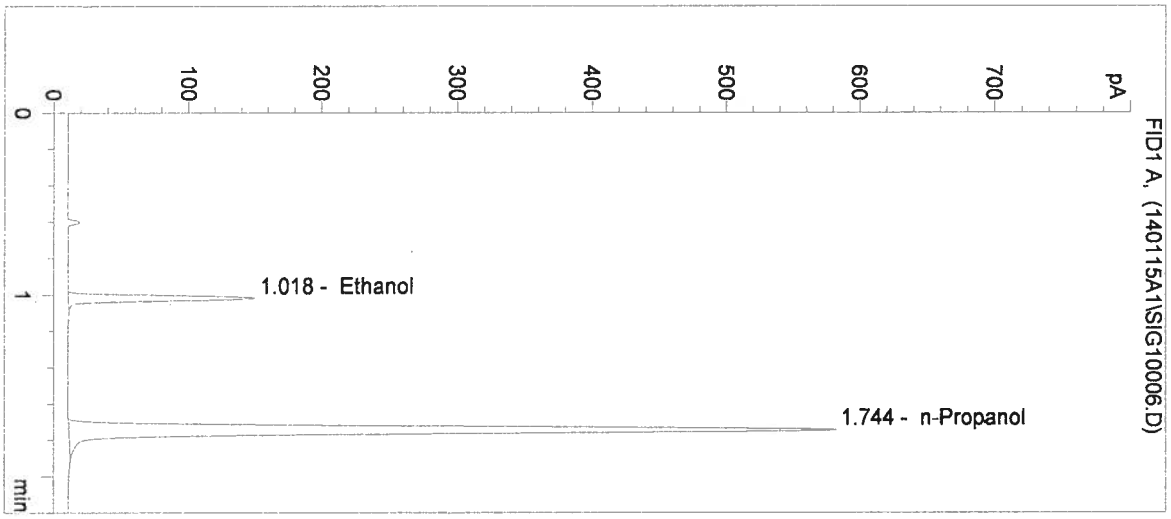
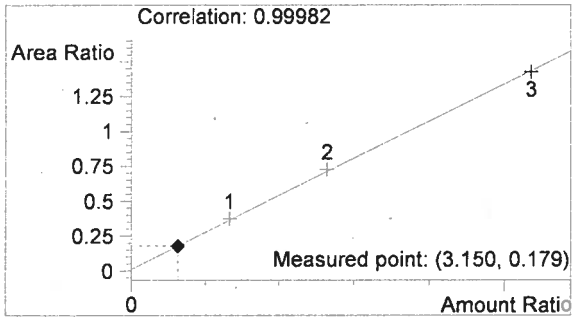
Inj. Date: 1/15/2014 5:43:24 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

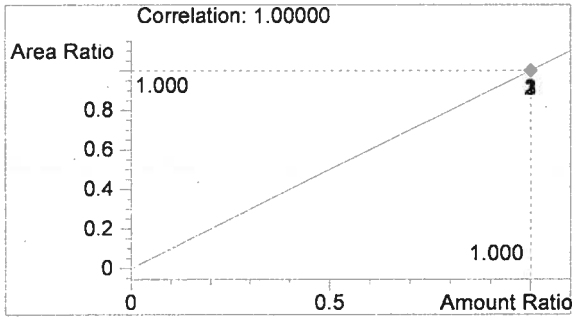


#	Compound	Peak Area	RT (min)
1	Ethanol	274	1.018
2	n-Propanol	1531	1.744



Ethanol 0.038 g/100mL

14002



n-Propanol 0.012 g/100mL

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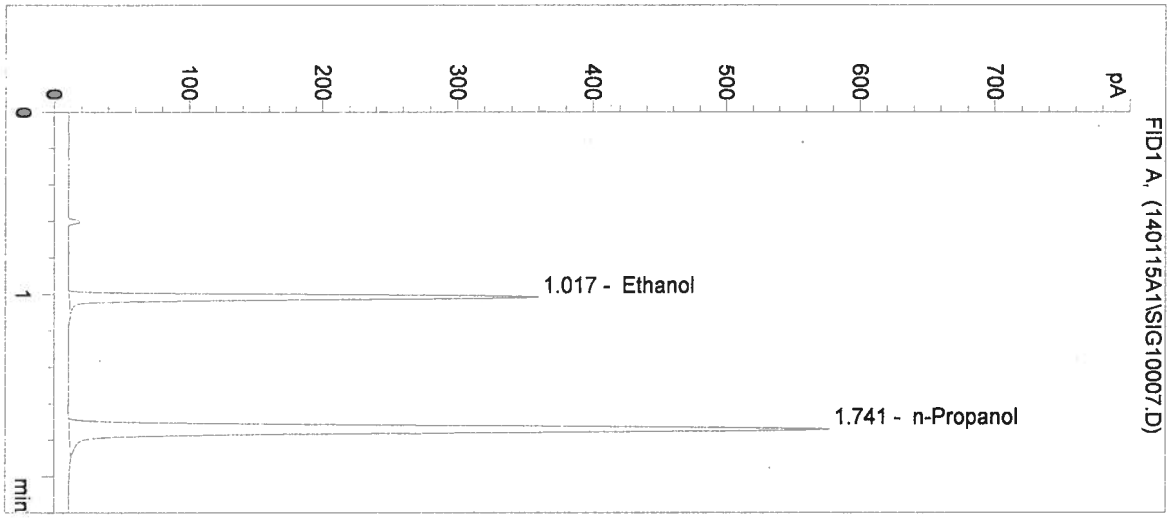
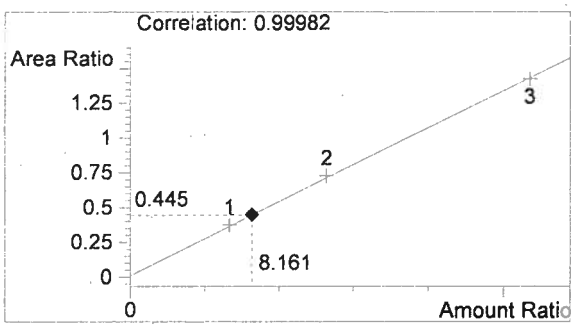
Inj. Date: 1/15/2014 5:46:31 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

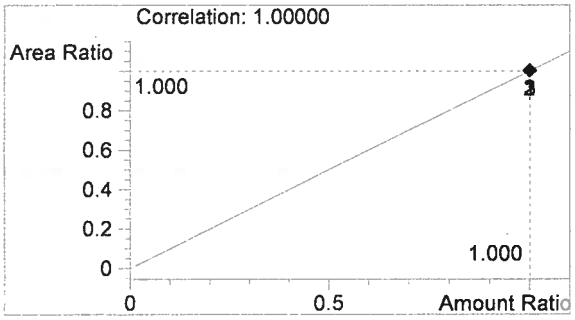


#	Compound	Peak Area	RT (min)
1	Ethanol	676	1.017
2	n-Propanol	1521	1.741



Ethanol 0.098 g/100mL

14002



n-Propanol 0.012 g/100mL

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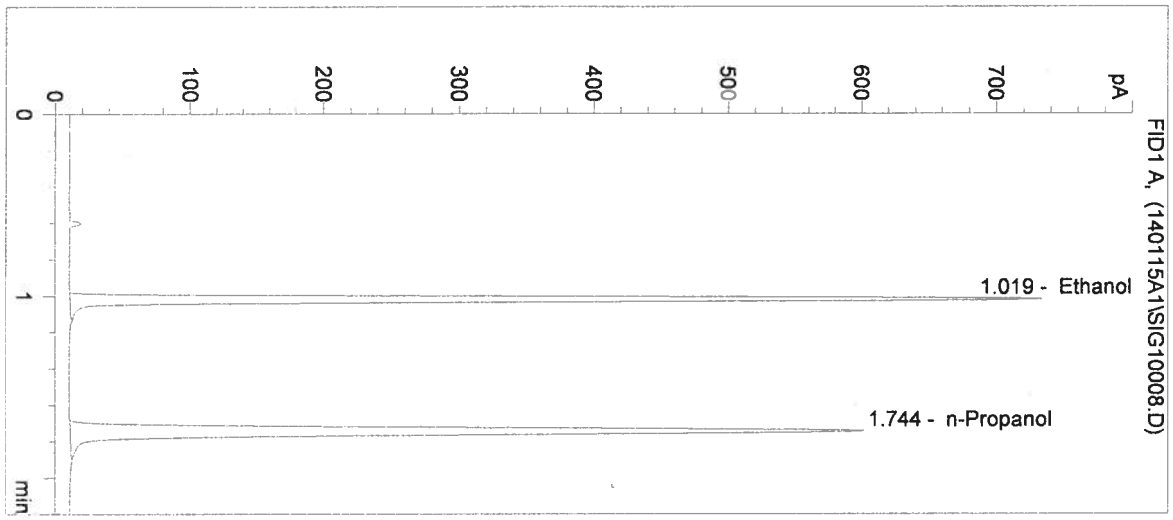
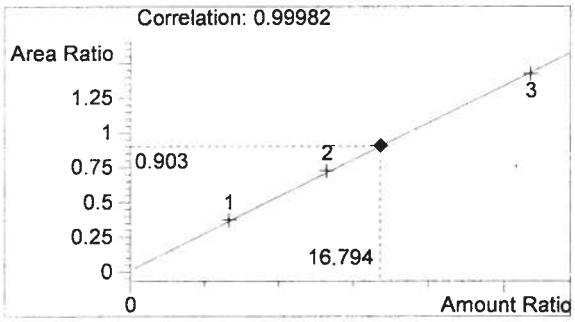
Inj. Date: 1/15/2014 5:49:39 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

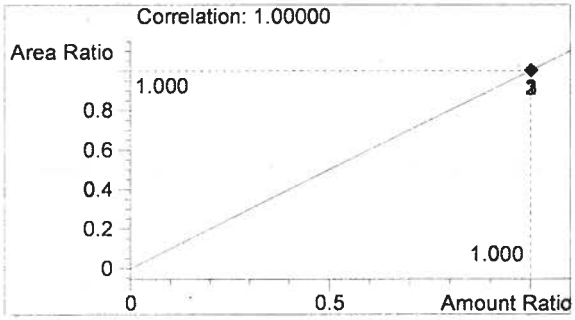


#	Compound	Peak Area	RT (min)
1	Ethanol	1430	1.019
2	n-Propanol	1583	1.744



Ethanol 0.202 g/100mL

14002

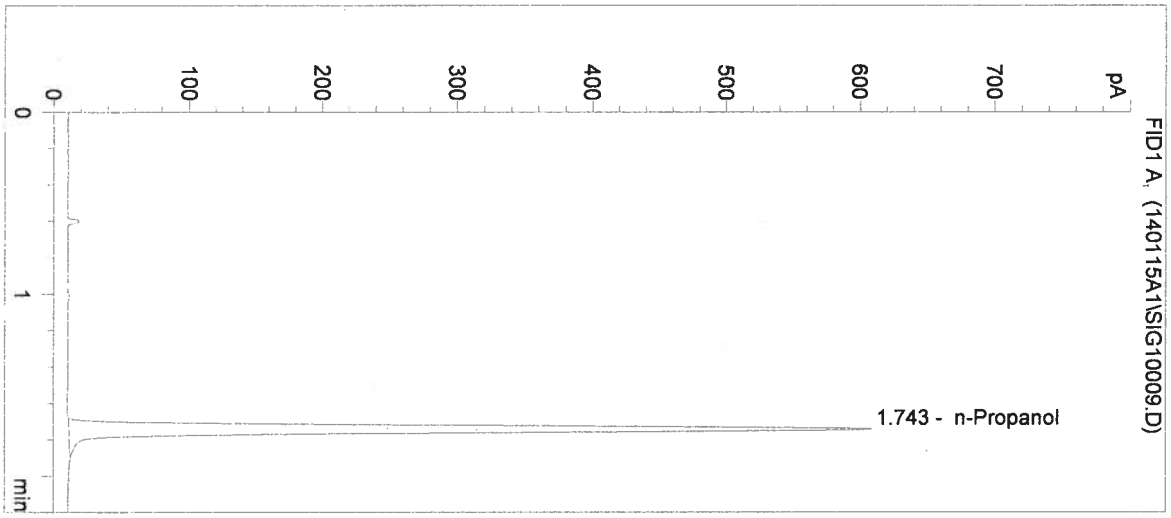


n-Propanol 0.012 g/100mL

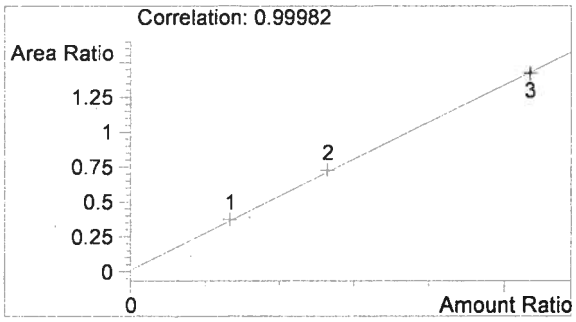
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 5:52:46 PM
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

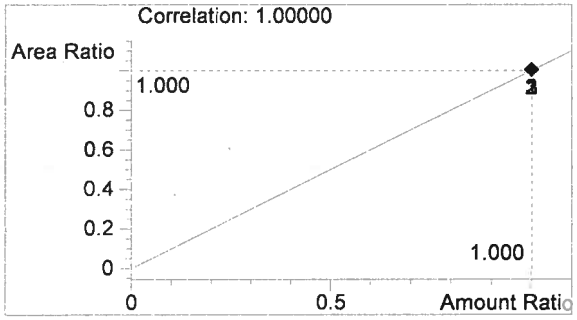


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1603	1.743



Ethanol 0.000 g/100mL

14002



n-Propanol 0.012 g/100mL

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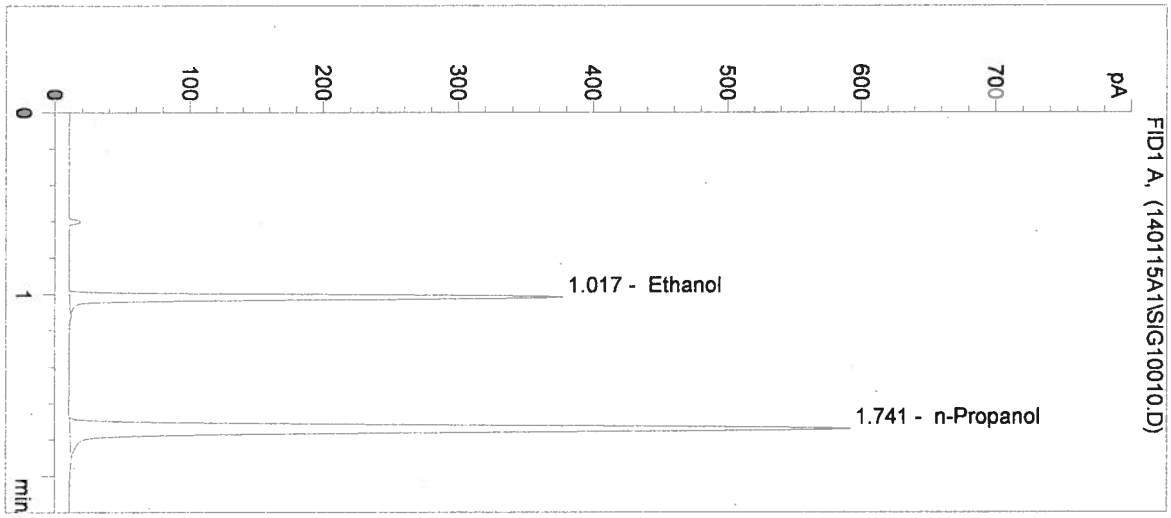
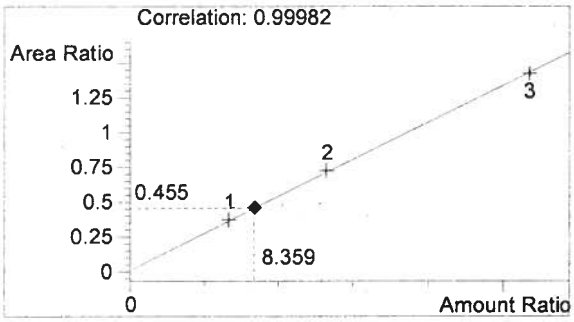
Inj. Date: 1/15/2014 5:55:54 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

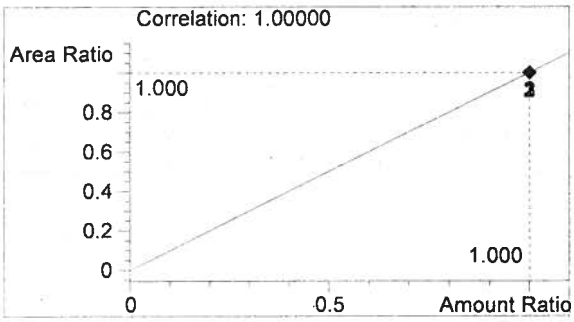
Sample Name: 14002 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	709	1.017
2	n-Propanol	1558	1.741



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

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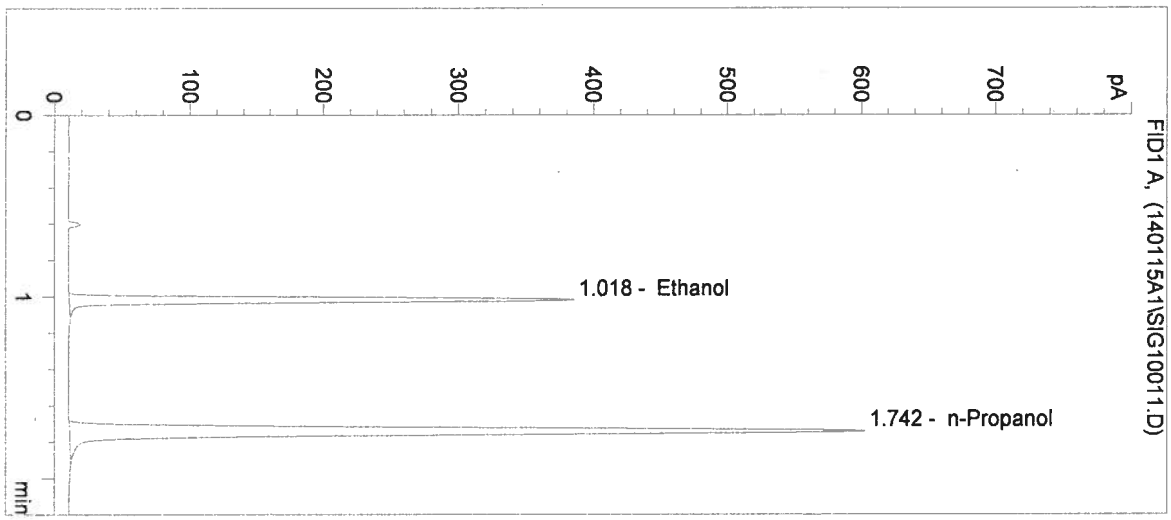
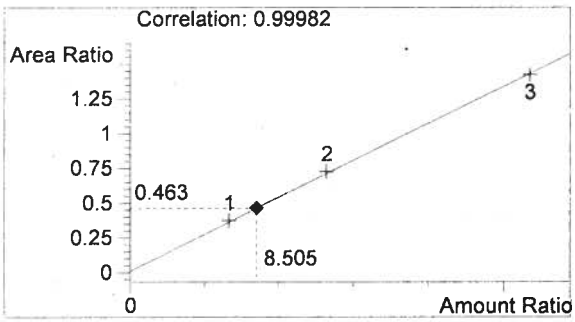
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 5:59:01 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

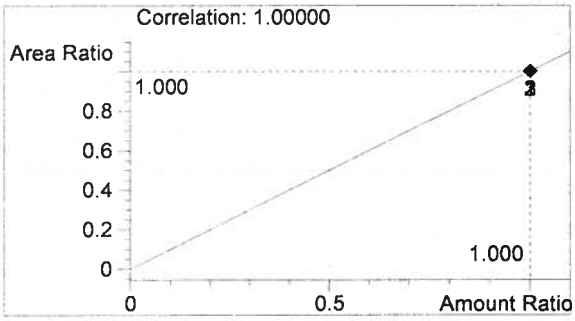
Sample Name: 14002 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	734	1.018
2	n-Propanol	1586	1.742



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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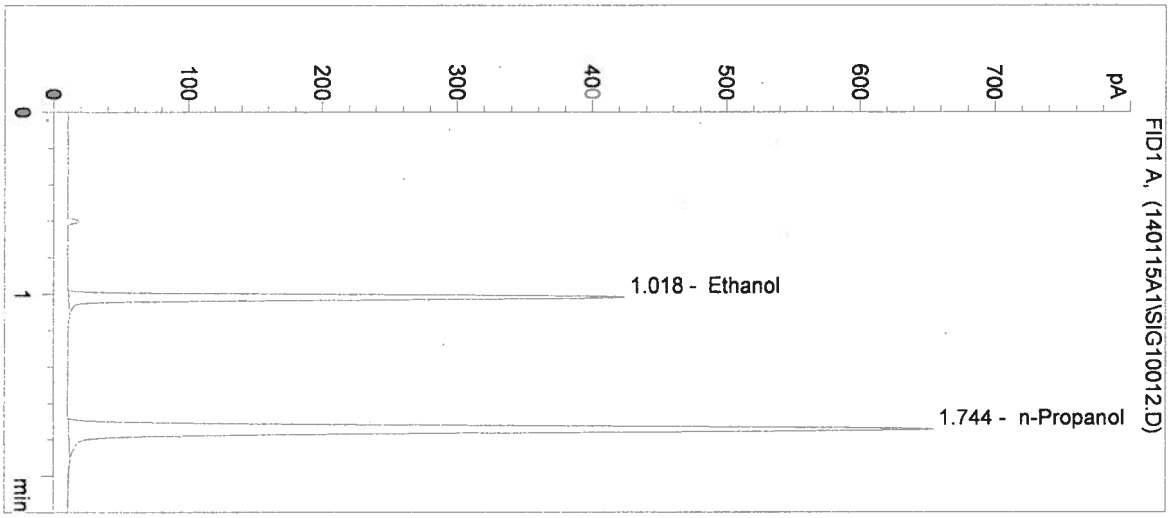
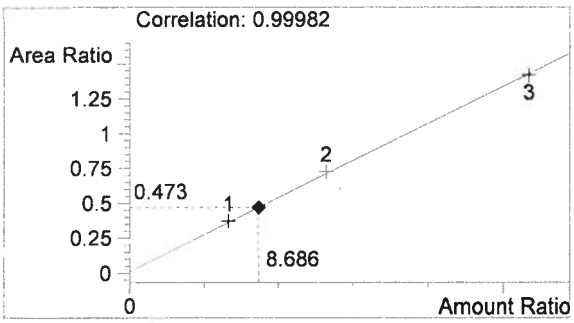
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 6:02:09 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

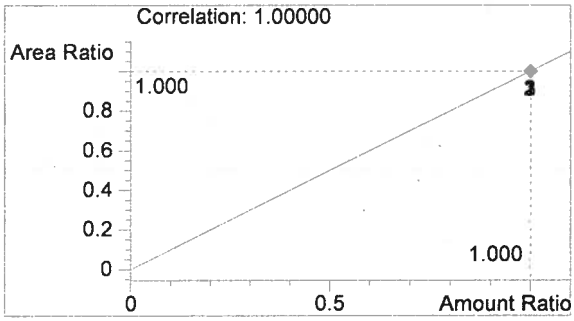
Sample Name: 14002 #3
Operator: asa louis
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	816	1.018
2	n-Propanol	1727	1.744



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

AL

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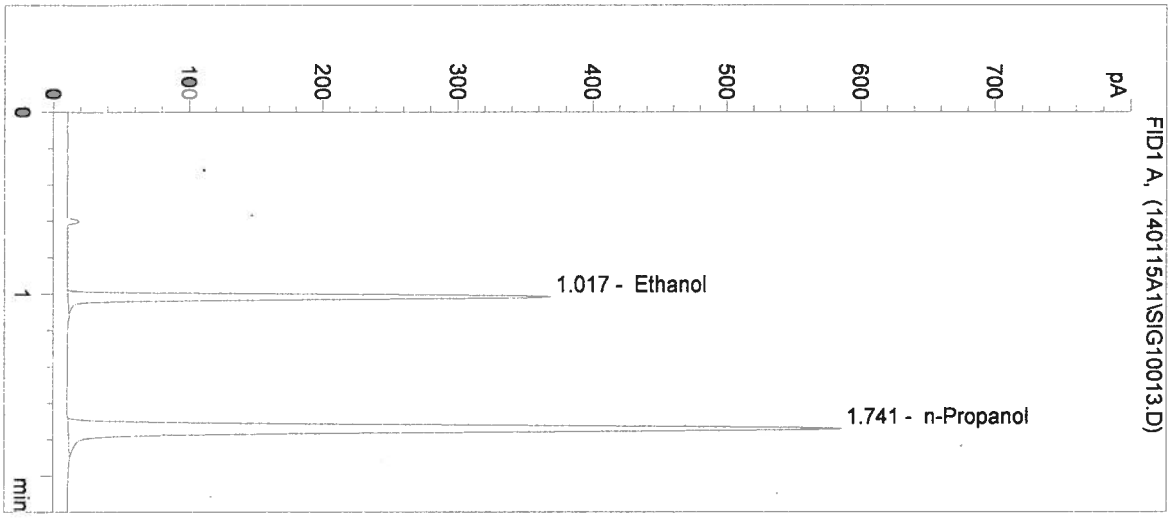
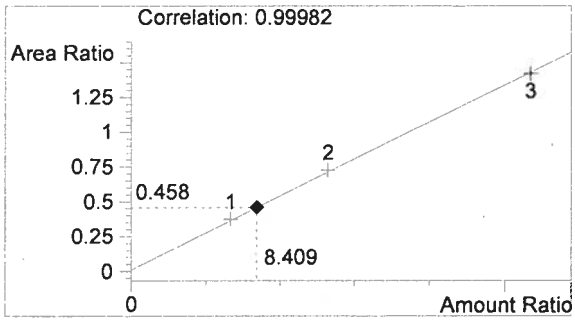
Inj. Date: 1/15/2014 6:05:16 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

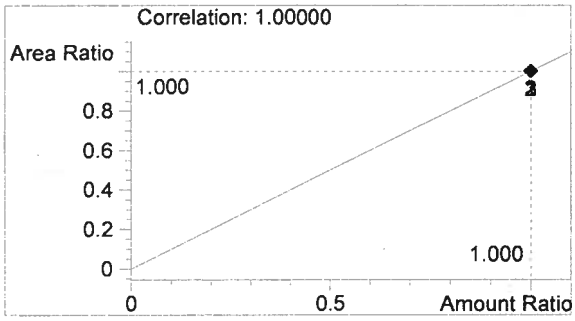
Sample Name: 14002 #4
Operator: asa louis
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	707	1.017
2	n-Propanol	1544	1.741



Ethanol 0.101 g/100mL



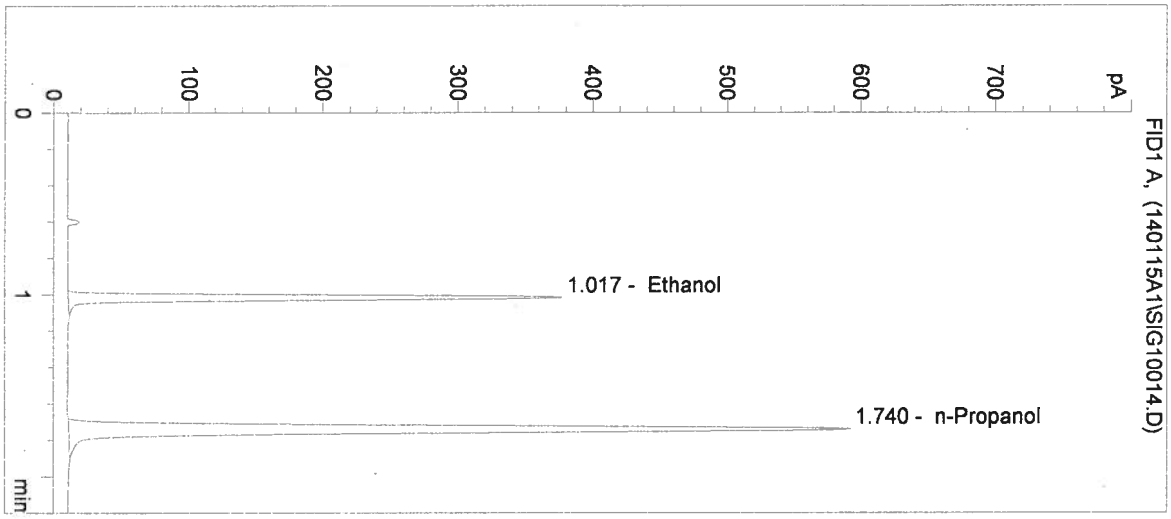
n-Propanol 0.012 g/100mL

AL

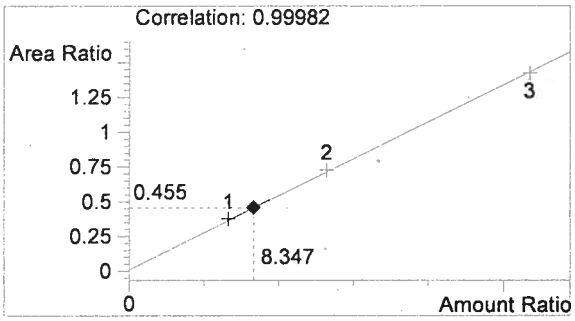
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 6:08:24 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

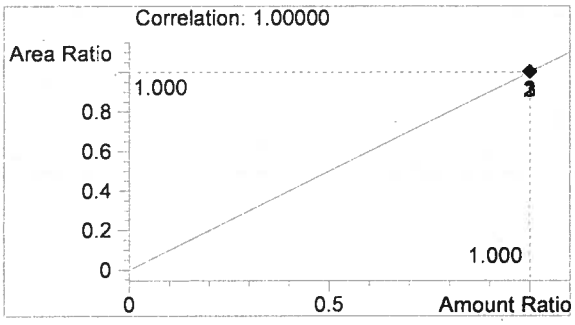
Sample Name: 14002 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	710	1.017
2	n-Propanol	1562	1.740



Ethanol 0.100 g/100mL

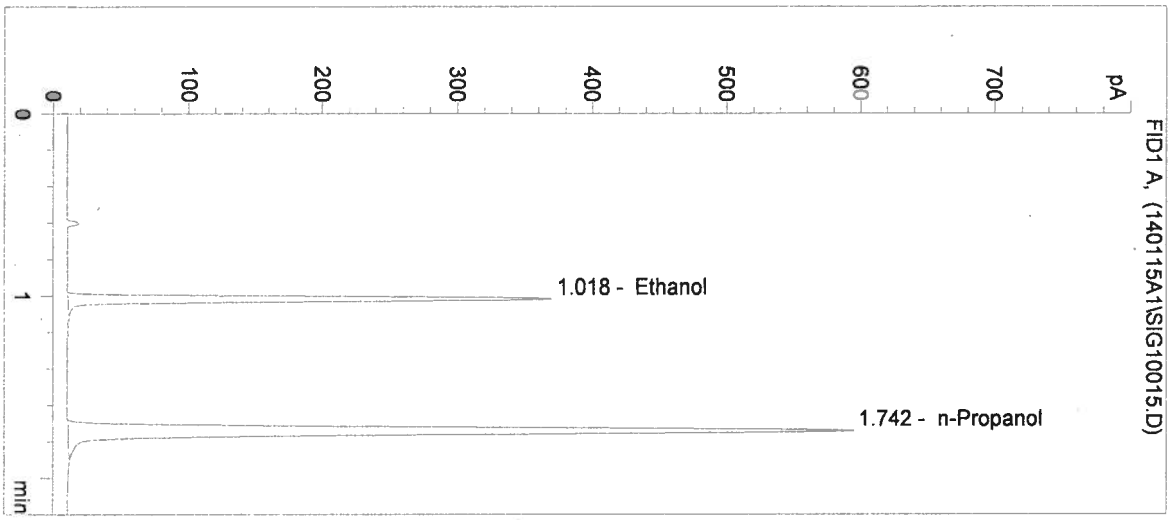


n-Propanol 0.012 g/100mL

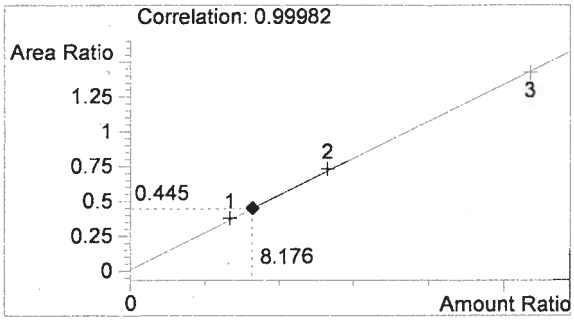
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 6:11:31 PM
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

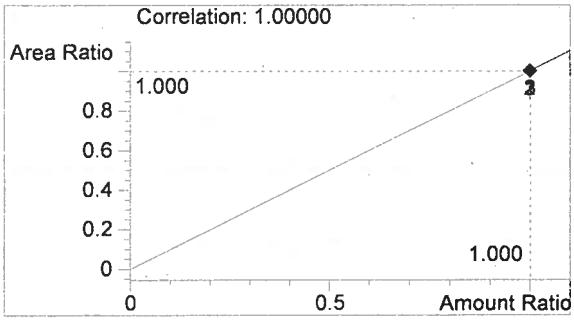


#	Compound	Peak Area	RT (min)
1	Ethanol	698	1.018
2	n-Propanol	1567	1.742



Ethanol 0.098 g/100mL

14002

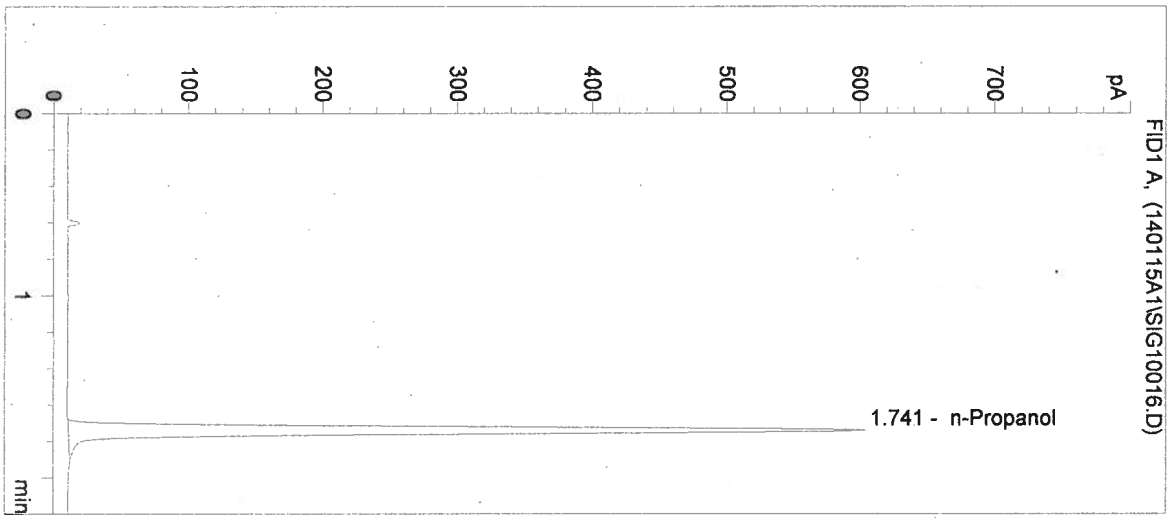


n-Propanol 0.012 g/100mL

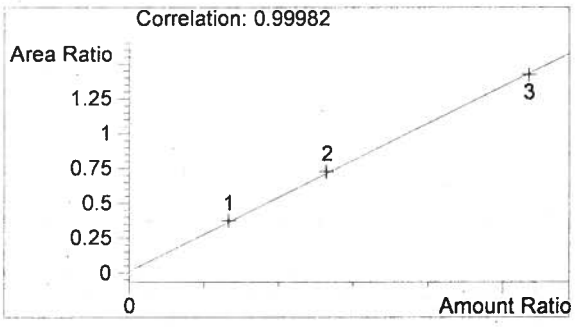
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2014 6:14:39 PM
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

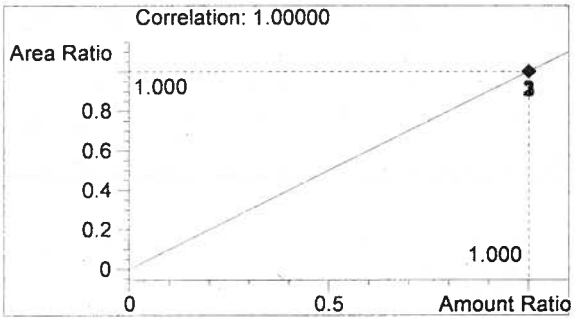


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1590	1.741



Ethanol 0.000 g/100mL

14002



n-Propanol 0.012 g/100mL

AL

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:	140116AG
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# P1113 - Exp 02/14/2014

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	14002 #1	SIMALC3	1	Sample		
11	Vial 11	14002 #2	SIMALC3	1	Sample		
12	Vial 12	14002 #3	SIMALC3	1	Sample		
13	Vial 13	14002 #4	SIMALC3	1	Sample		
14	Vial 14	14002 #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\AGESS.S

Sequence Table (Back Injector):

No entries - empty table!

14002

Calibration Table

Calib. Data Modified : Thursday, January 16, 2014 2:46:51 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	544.38306	1.47010e-4	1		Ethanol
		2	1.58560e-1	1070.16492	1.48164e-4			
		3	3.21220e-1	2132.75537	1.50613e-4			
1.740	1	1	1.20000e-2	1537.26147	7.80609e-6	I1		n-Propanol
		2	1.20000e-2	1512.57068	7.93351e-6			
		3	1.20000e-2	1518.81384	7.90090e-6			

14002

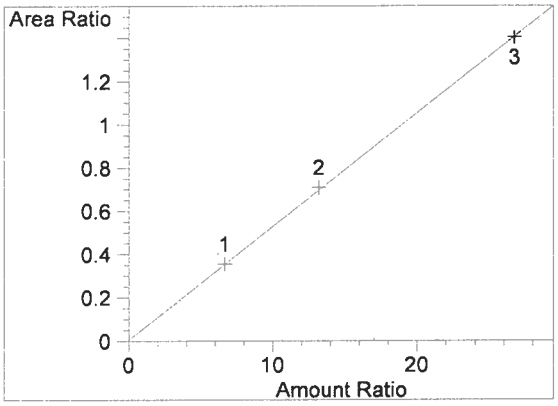
Peak Sum Table

No Entries in table

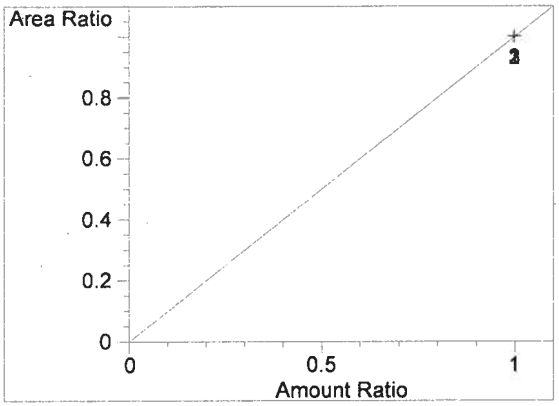
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99994
Residual Std. Dev.: 0.00830
Formula: y = mx + b
m: 5.24608e-2
b: 4.63059e-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

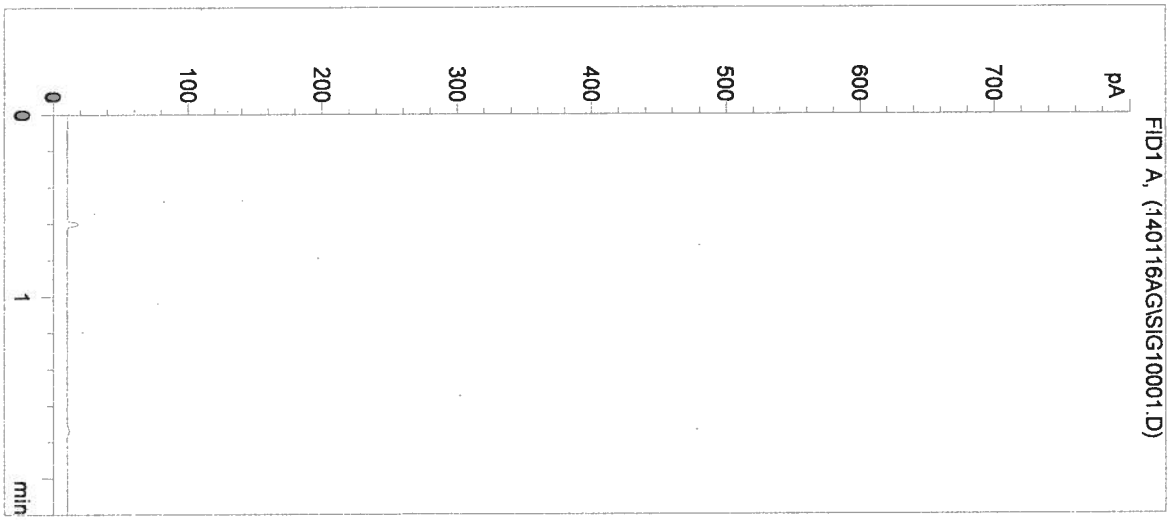
==========

14002

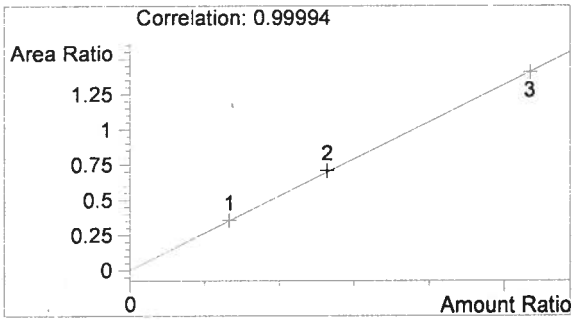
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 2:35:16 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

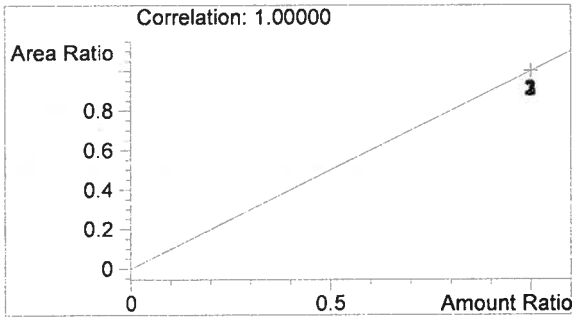


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14002

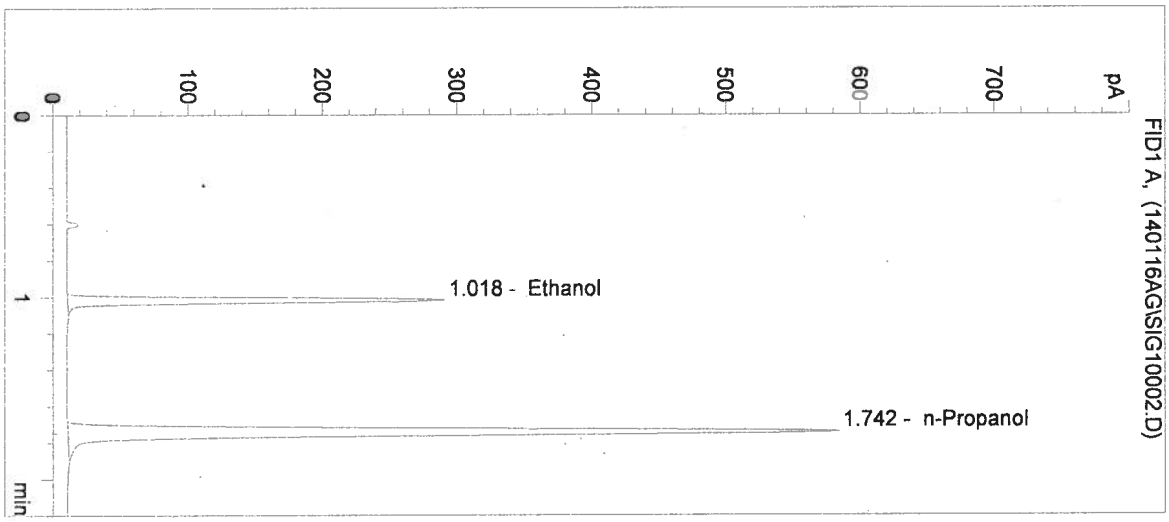


n-Propanol 0.000 g/100mL

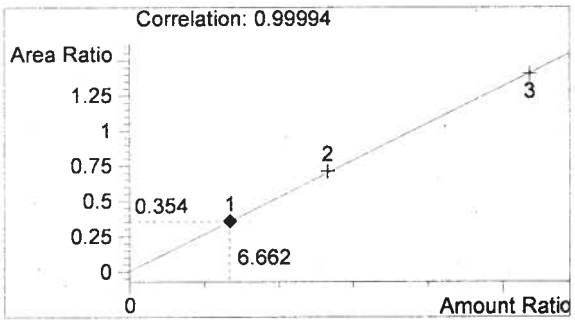
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 2:38:24 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

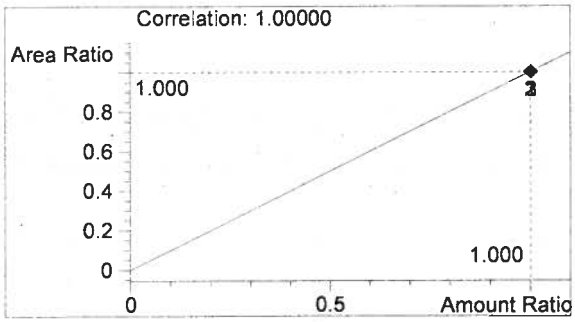


#	Compound	Peak Area	RT (min)
1	Ethanol	544	1.018
2	n-Propanol	1537	1.742



Ethanol 0.080 g/100mL

14002

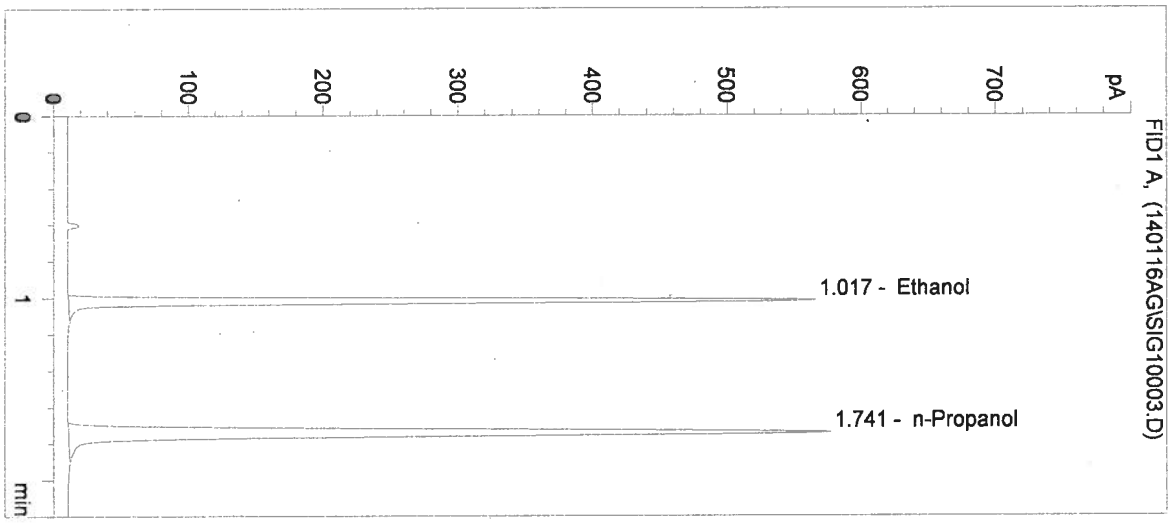


n-Propanol 0.012 g/100mL

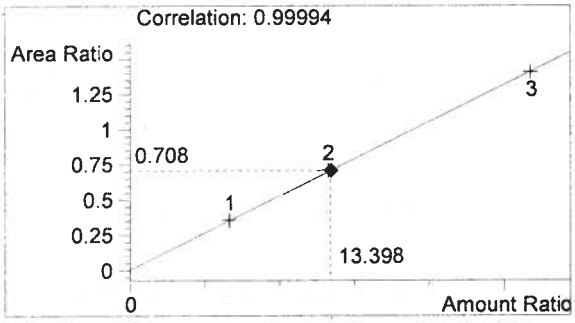
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 2:41:31 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

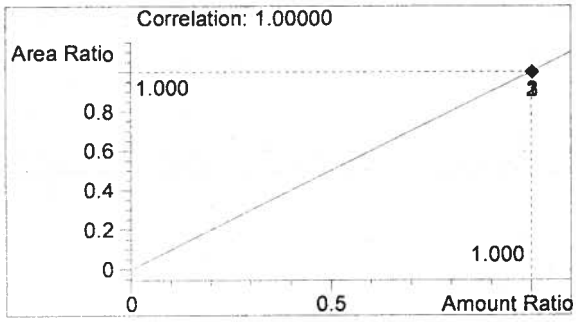


#	Compound	Peak Area	RT (min)
1	Ethanol	1070	1.017
2	n-Propanol	1513	1.741



Ethanol 0.161 g/100mL

14602

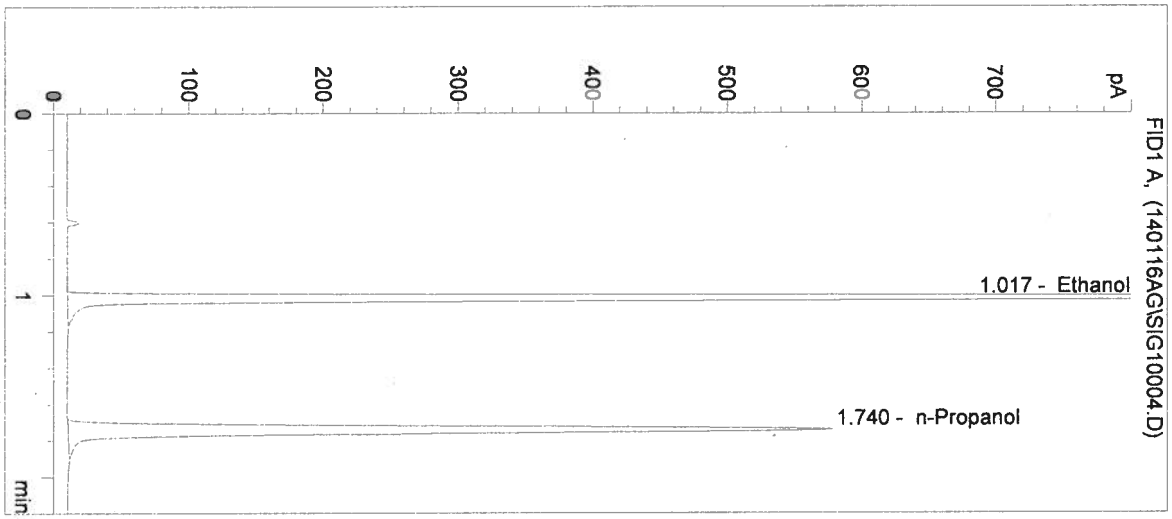


n-Propanol 0.012 g/100mL

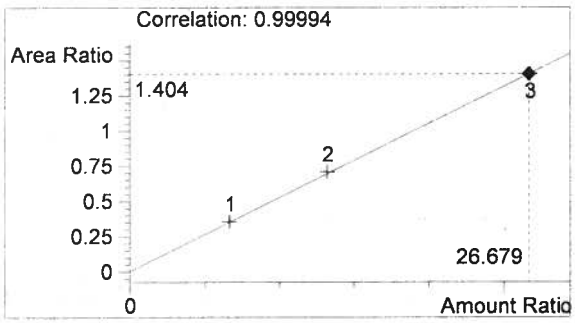
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 2:44:39 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

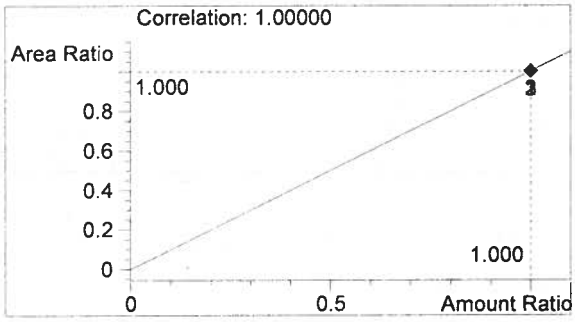


#	Compound	Peak Area	RT (min)
1	Ethanol	2133	1.017
2	n-Propanol	1519	1.740



Ethanol 0.320 g/100mL

14002

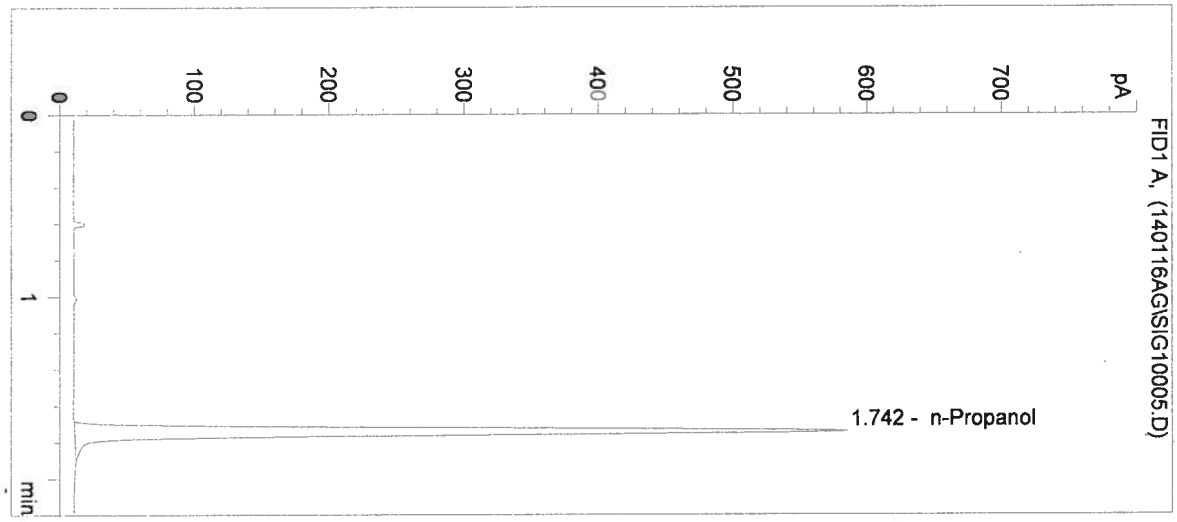


n-Propanol 0.012 g/100mL

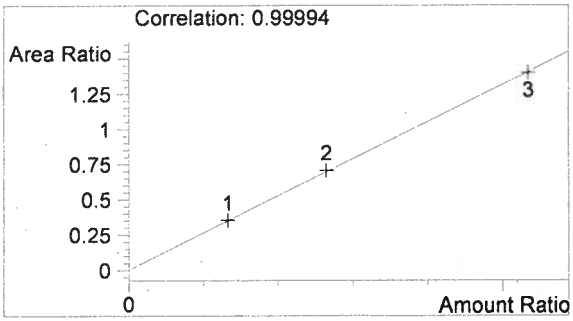
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 2:47:46 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

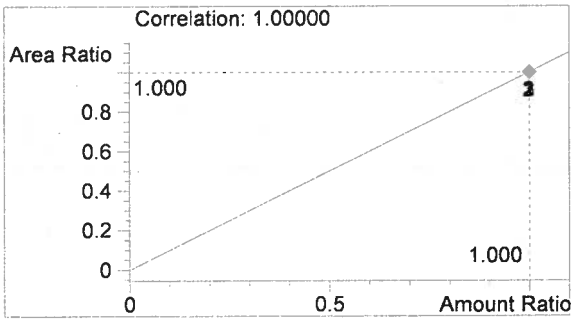


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1537	1.742



Ethanol 0.000 g/100mL

14002

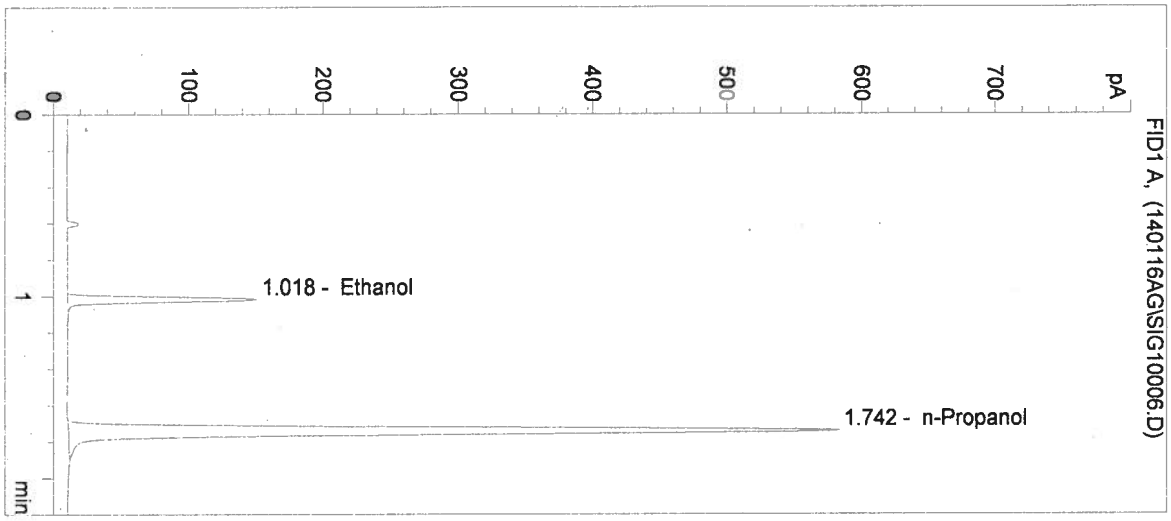


n-Propanol 0.012 g/100mL

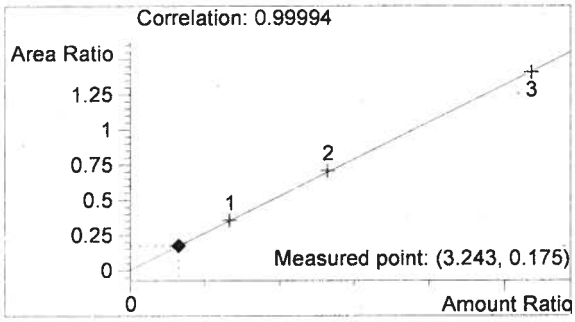
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 2:50:54 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

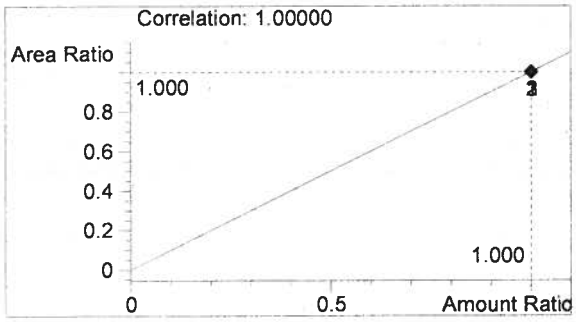


#	Compound	Peak Area	RT (min)
1	Ethanol	268	1.018
2	n-Propanol	1531	1.742



Ethanol 0.039 g/100mL

14002

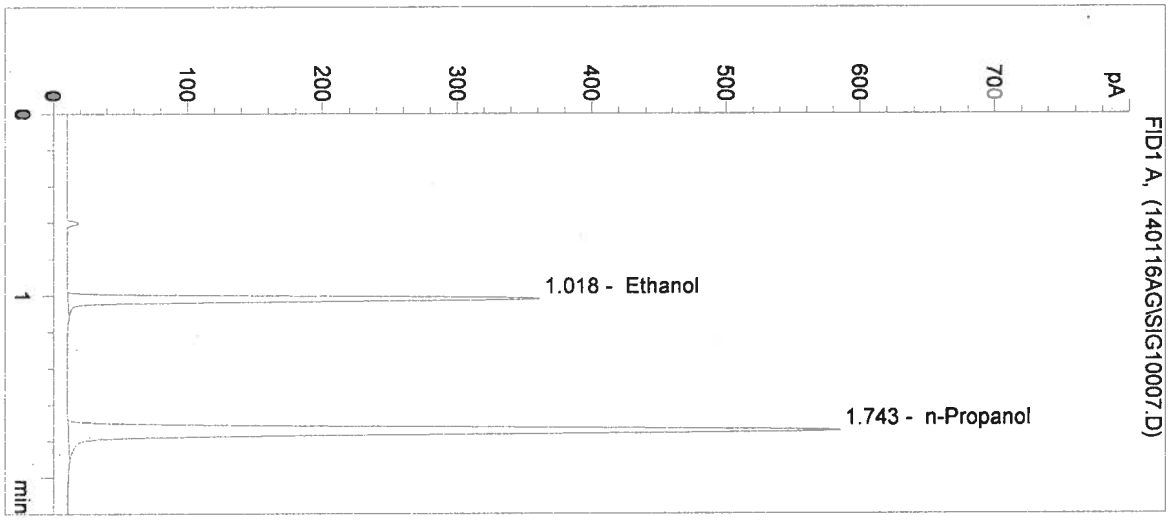


n-Propanol 0.012 g/100mL

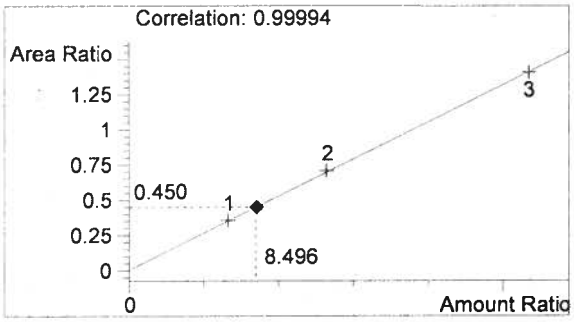
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 2:54:01 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

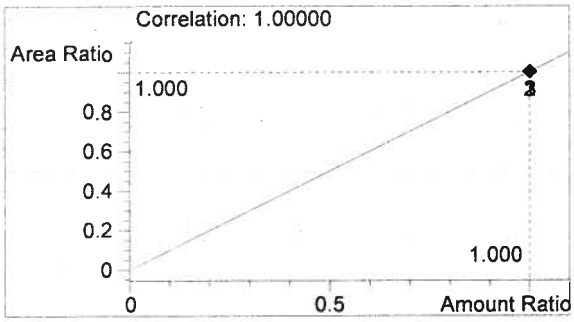


#	Compound	Peak Area	RT (min)
1	Ethanol	692	1.018
2	n-Propanol	1537	1.743



Ethanol 0.102 g/100mL

14002

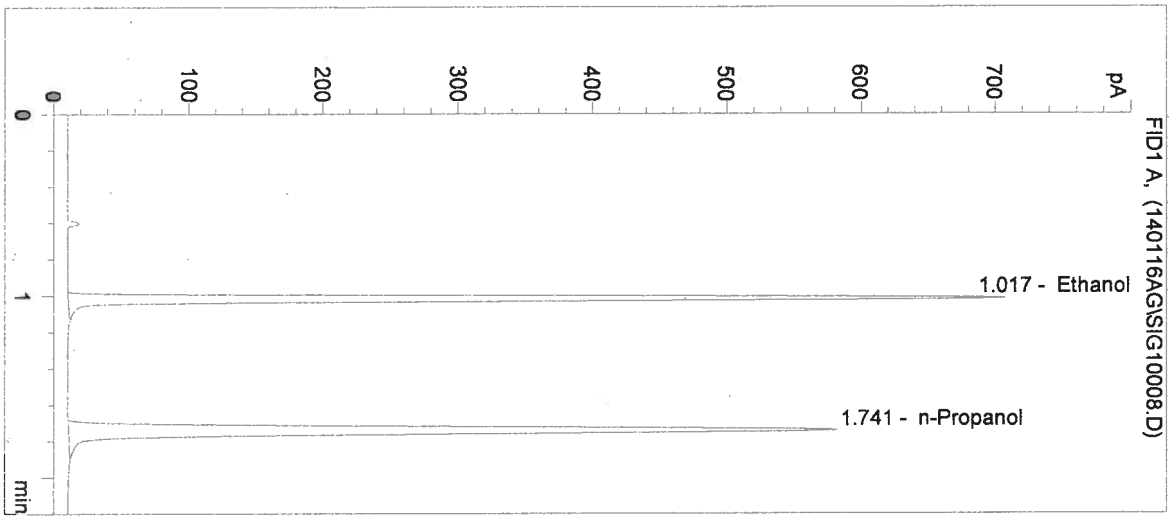


n-Propanol 0.012 g/100mL

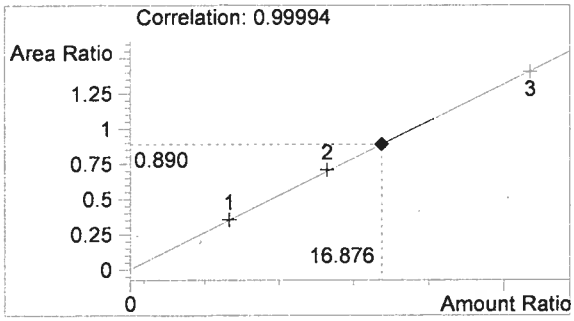
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 2:57:09 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

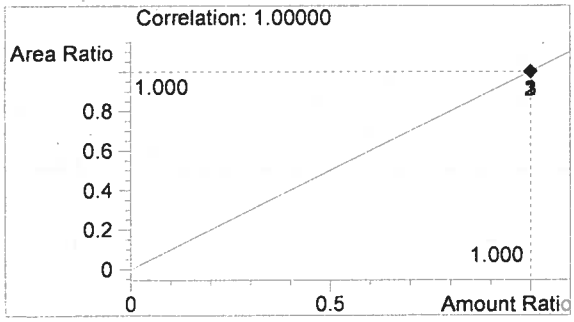


#	Compound	Peak Area	RT (min)
1	Ethanol	1362	1.017
2	n-Propanol	1531	1.741



Ethanol 0.203 g/100mL

14002

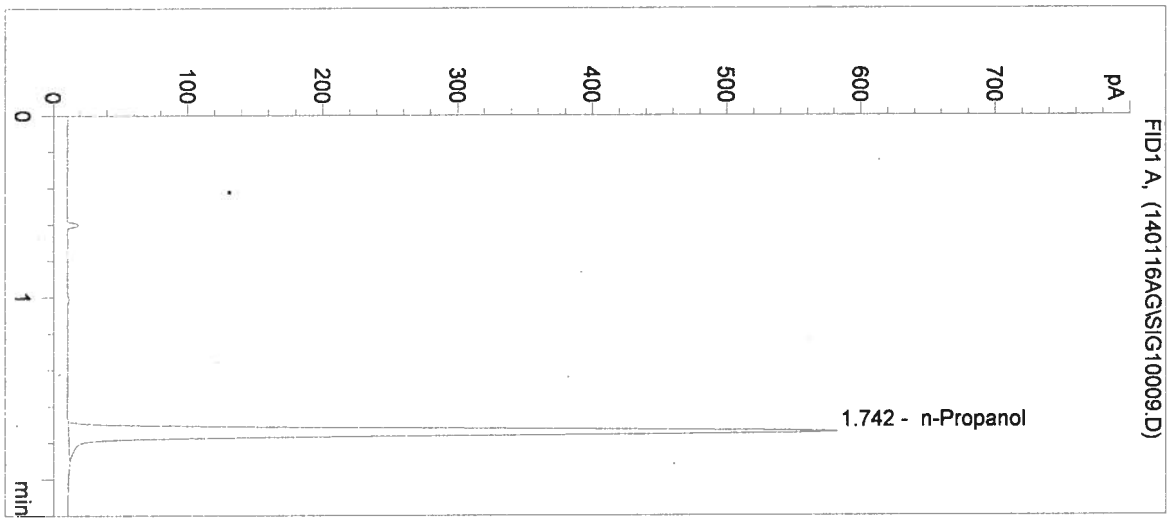


n-Propanol 0.012 g/100mL

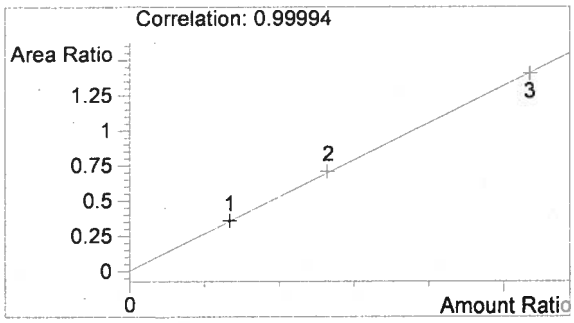
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 3:00:16 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

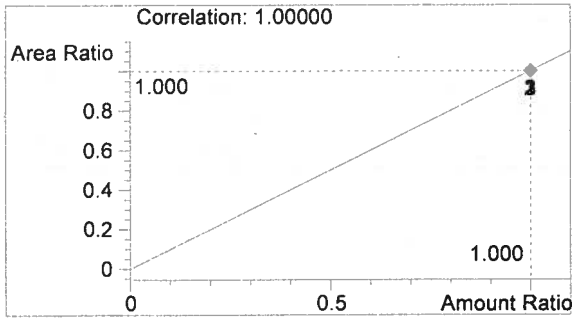


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1529	1.742



Ethanol 0.000 g/100mL

14002

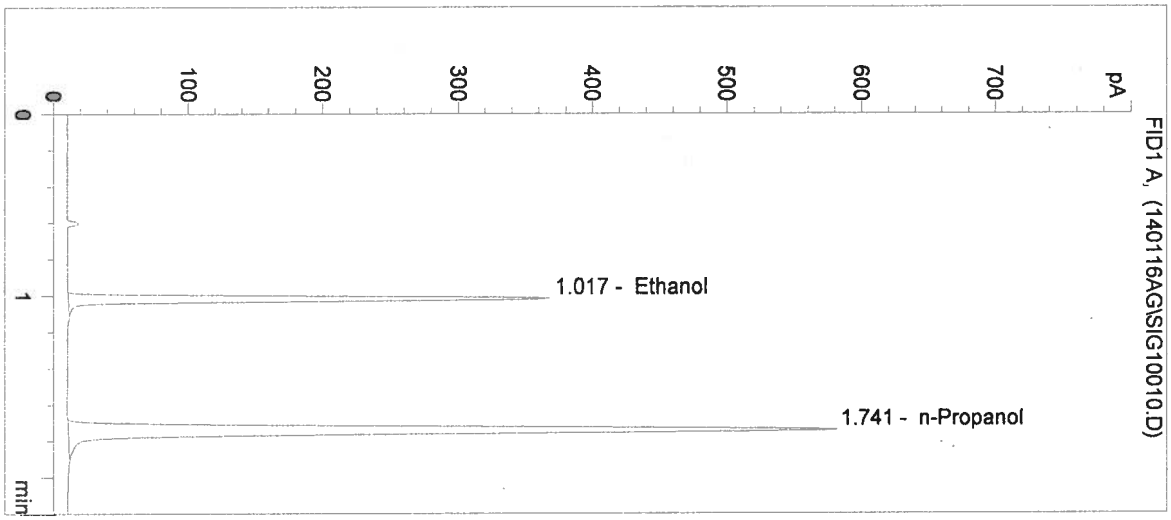


n-Propanol 0.012 g/100mL

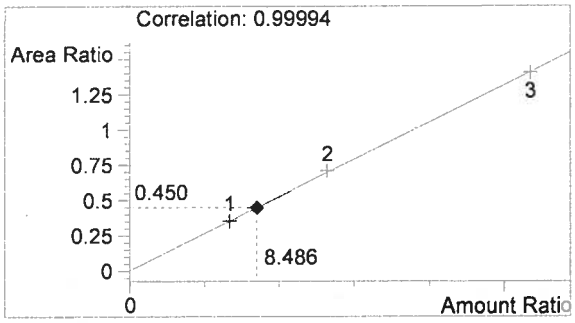
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 3:03:24 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

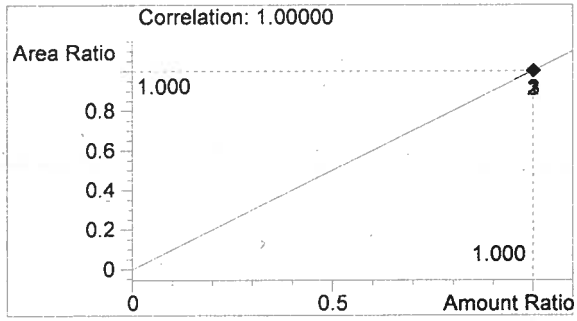
Sample Name: 14002 #1
Operator: Andrew Gingras
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	687	1.017
2	n-Propanol	1526	1.741



Ethanol 0.102 g/100mL

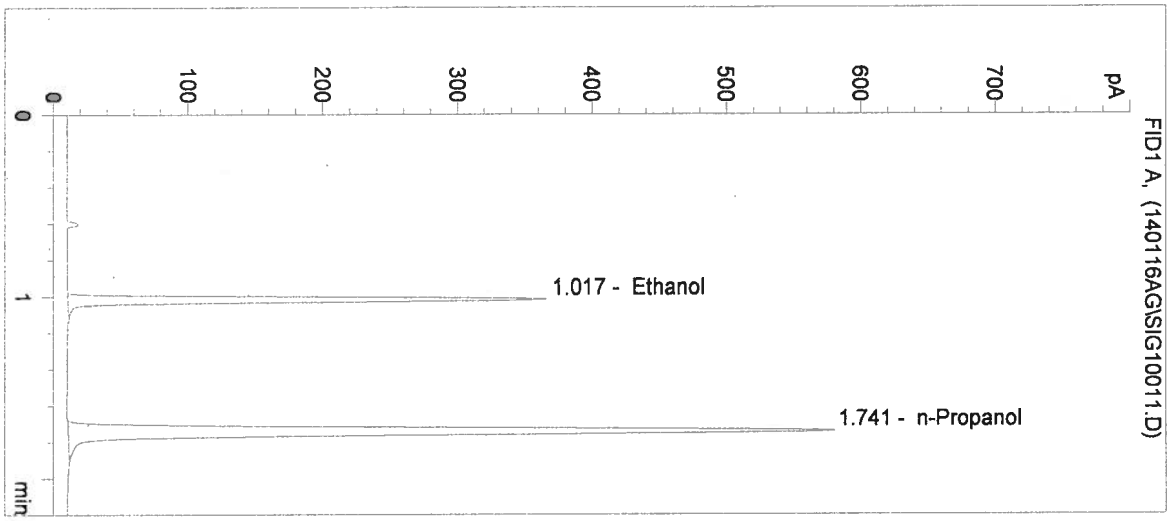


n-Propanol 0.012 g/100mL

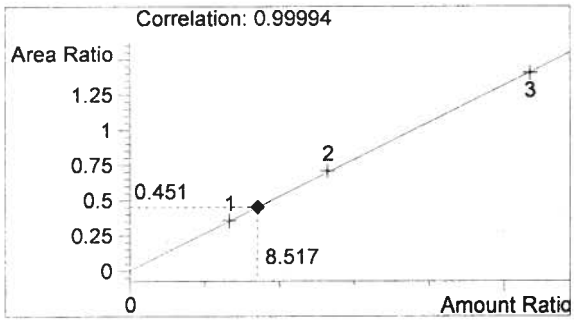
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 3:06:31 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

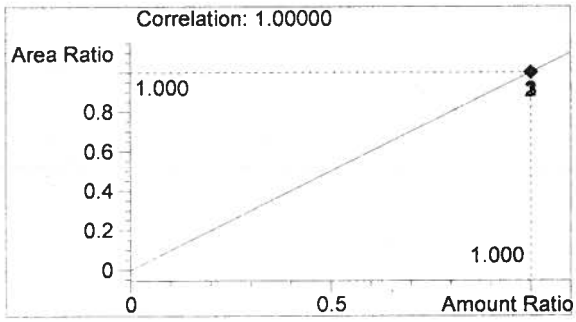
Sample Name: 14002 #2
Operator: Andrew Gingras
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	688	1.017
2	n-Propanol	1524	1.741



Ethanol 0.102 g/100mL

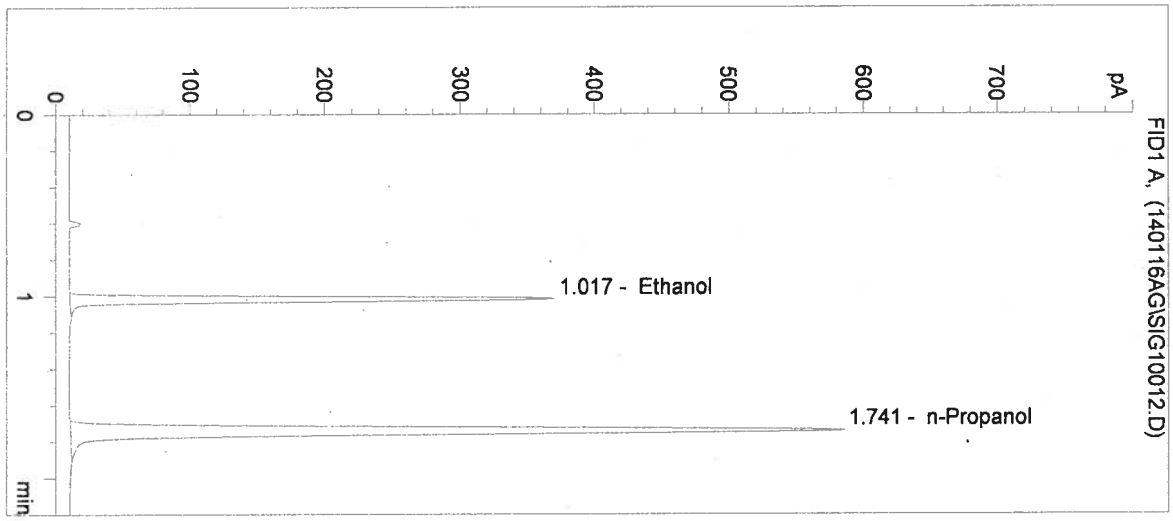


n-Propanol 0.012 g/100mL

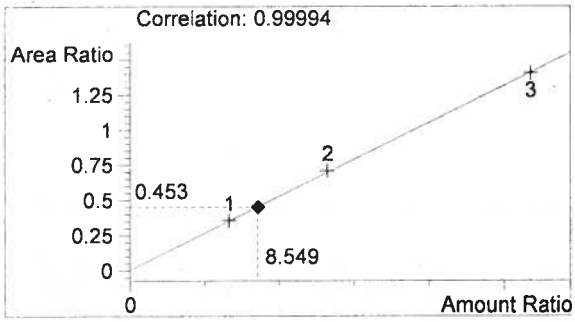
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 3:09:39 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

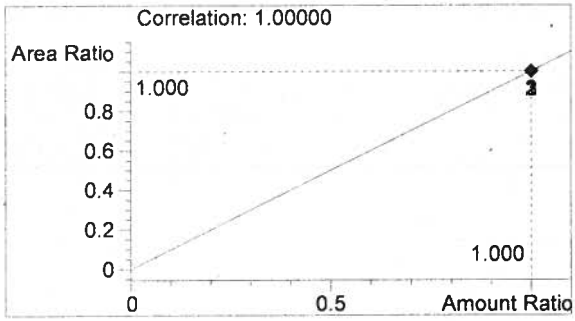
Sample Name: 14002 #3
Operator: Andrew Gingras
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	698	1.017
2	n-Propanol	1540	1.741



Ethanol 0.103 g/100mL

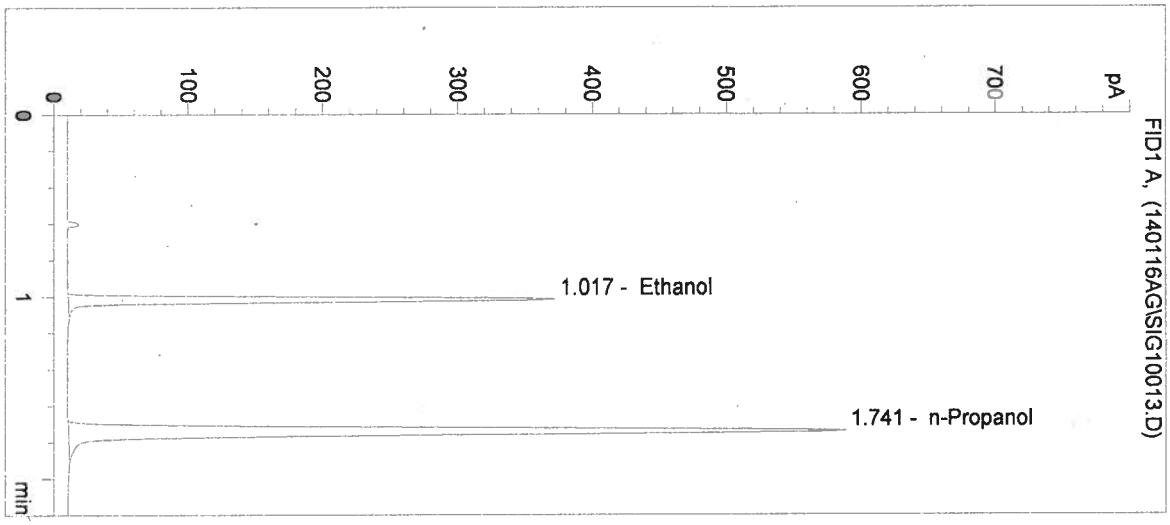


n-Propanol 0.012 g/100mL

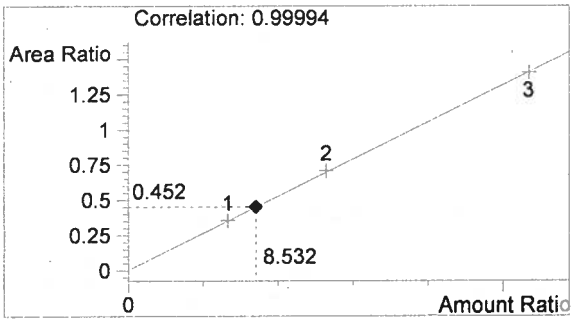
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 3:12:46 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

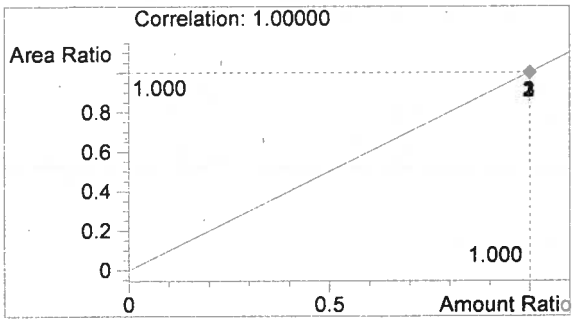
Sample Name: 14002 #4
Operator: Andrew Gingras
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.017
2	n-Propanol	1551	1.741



Ethanol 0.102 g/100mL

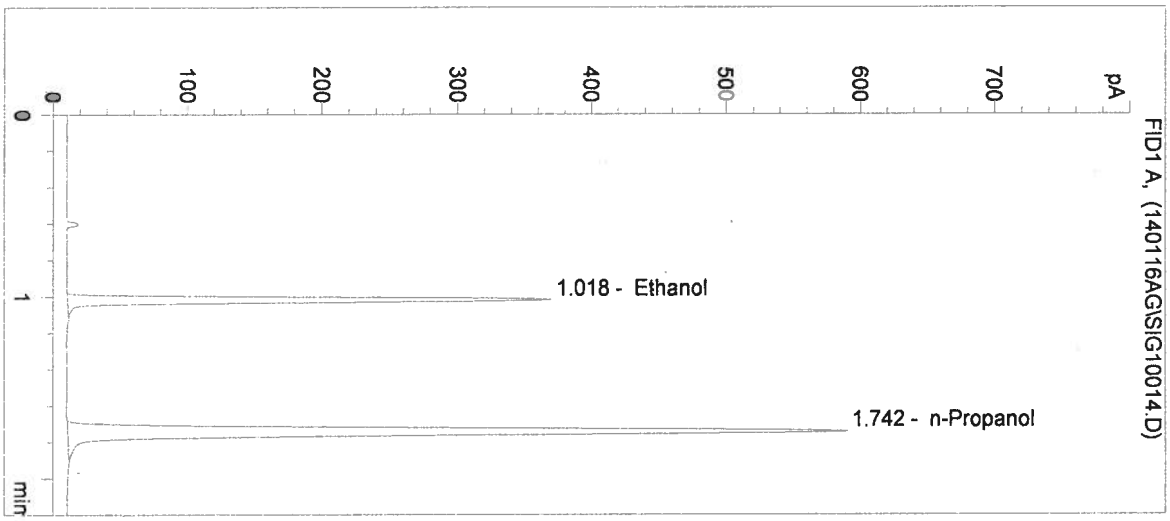


n-Propanol 0.012 g/100mL

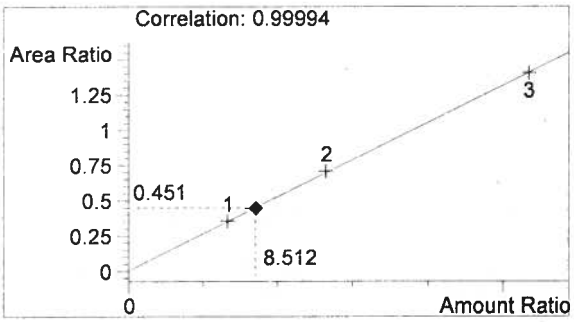
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 3:15:54 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

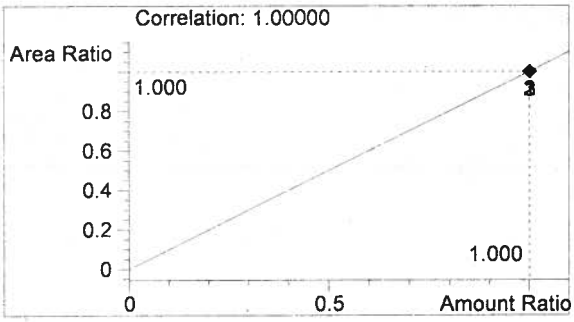
Sample Name: 14002 #5
Operator: Andrew Gingras
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	700	1.018
2	n-Propanol	1551	1.742



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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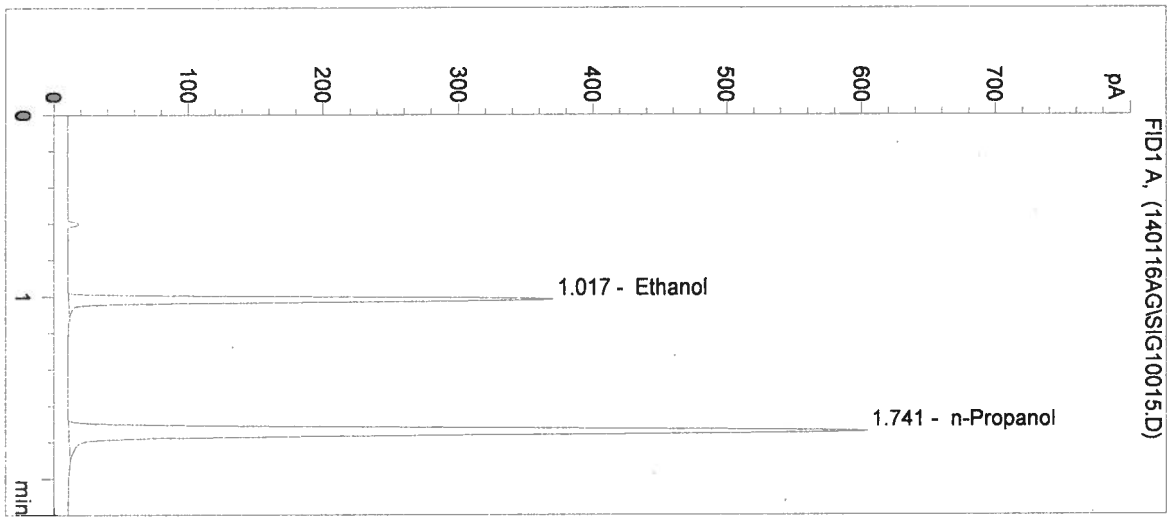
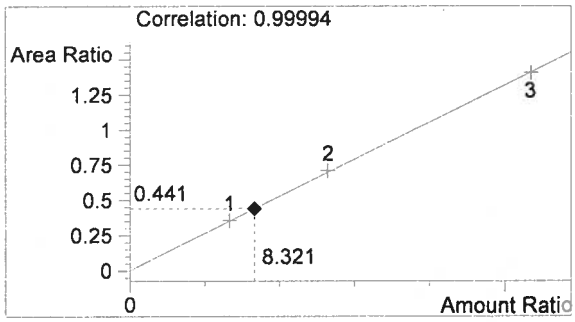
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 3:19:01 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

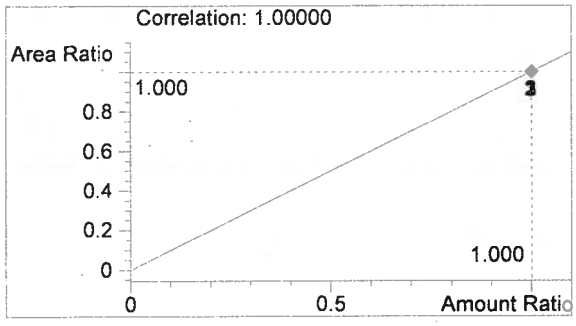


#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.017
2	n-Propanol	1590	1.741



Ethanol 0.100 g/100mL

14002

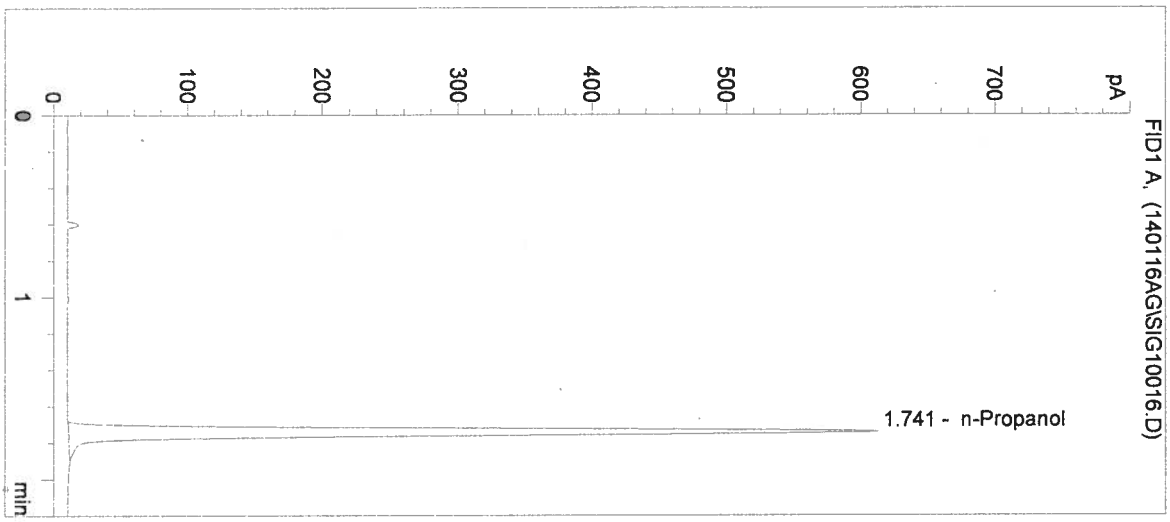


n-Propanol 0.012 g/100mL

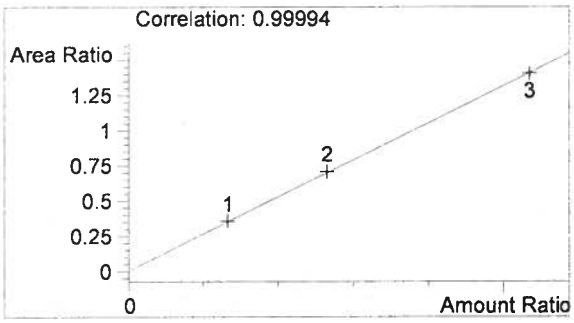
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 3:22:09 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

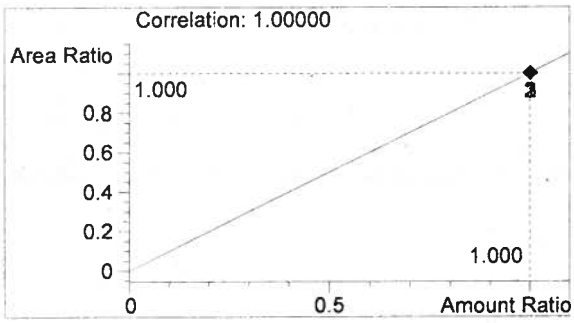


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1613	1.741



Ethanol 0.000 g/100mL

14002



n-Propanol 0.012 g/100mL

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:	140116KK
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#P1113 Exp. 02/14/14

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	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	14002 #1	SIMALC3	1	Sample		
11	Vial 11	14002 #2	SIMALC3	1	Sample		
12	Vial 12	14002 #3	SIMALC3	1	Sample		
13	Vial 13	14002 #4	SIMALC3	1	Sample		
14	Vial 14	14002 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

KK

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	

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

Sequence Table (Back Injector):

No entries - empty table!

14002

KK

Method C:\HPCHEM\2\METHODS\SIMALC3.M

Calibration Table

Calib. Data Modified : Thursday, January 16, 2014 1:40:08 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

14002

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.017	1	1	8.00300e-2	590.40125	1.35552e-4	1		Ethanol
		2	1.58560e-1	1078.13086	1.47069e-4			
		3	3.21220e-1	2165.30933	1.48348e-4			
1.743	1	1	1.20000e-2	1628.04749	7.37079e-6	I1		n-Propanol
		2	1.20000e-2	1520.42883	7.89251e-6			
		3	1.20000e-2	1521.23438	7.88833e-6			

Peak Sum Table

No Entries in table

KK

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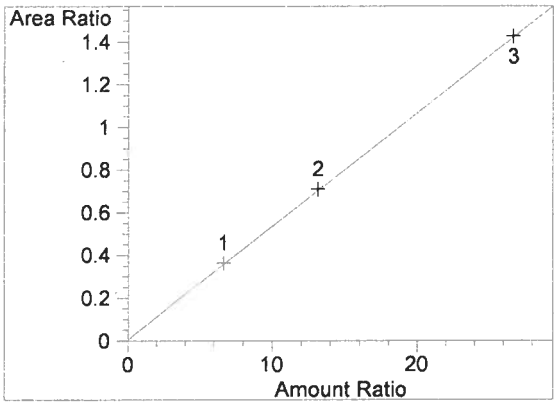
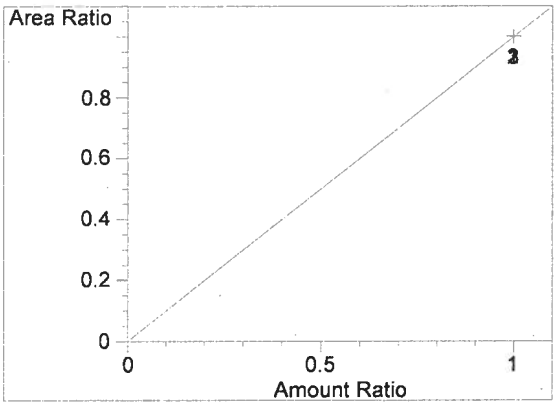
Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00507
Formula: y = mx + b
m: 5.30979e-2
b: 4.51774e-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

==========

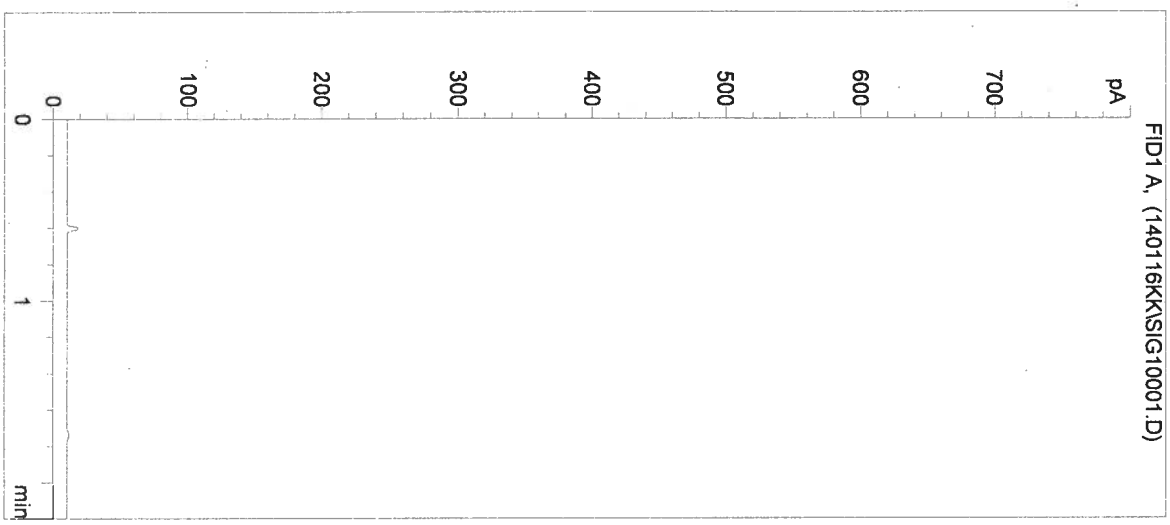
14002

KK

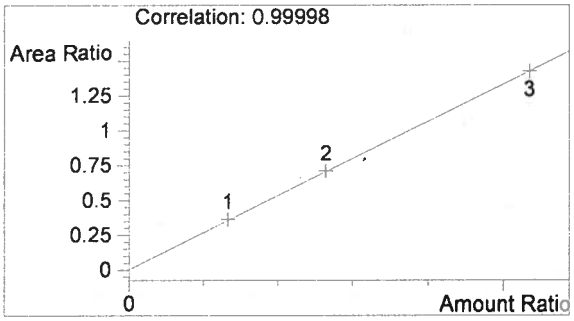
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 1:28:33 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

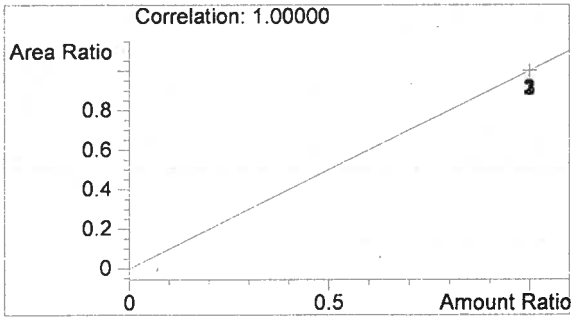


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14002



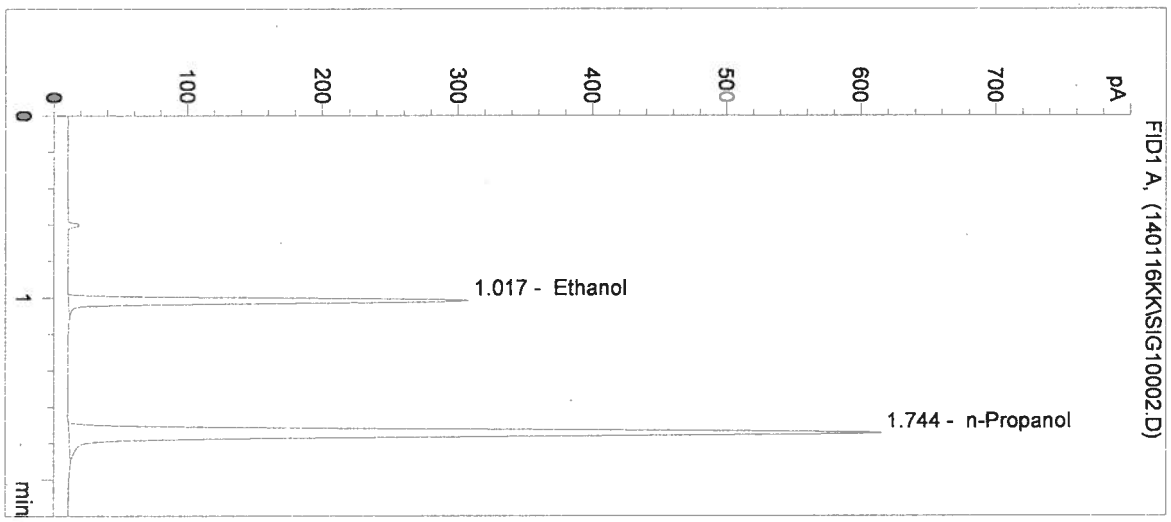
n-Propanol 0.000 g/100mL

KK

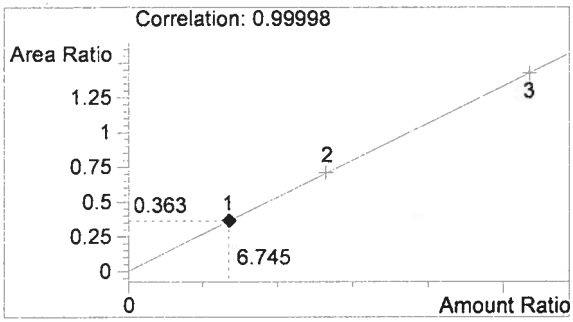
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 1:31:41 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

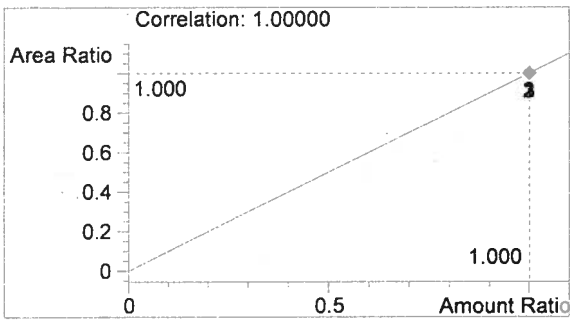


#	Compound	Peak Area	RT (min)
1	Ethanol	590	1.017
2	n-Propanol	1628	1.744



Ethanol 0.081 g/100mL

14002



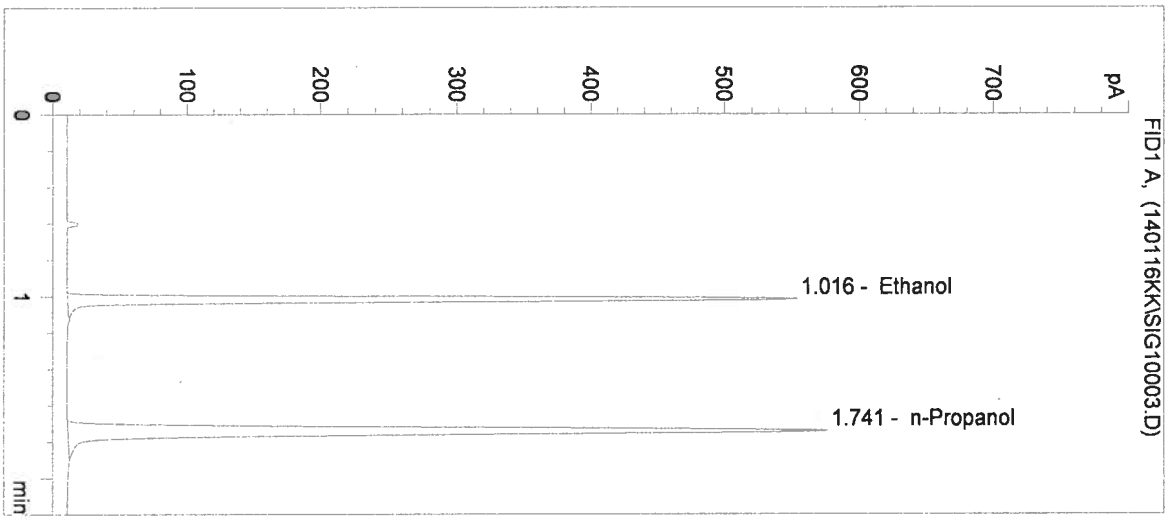
n-Propanol 0.012 g/100mL

KK

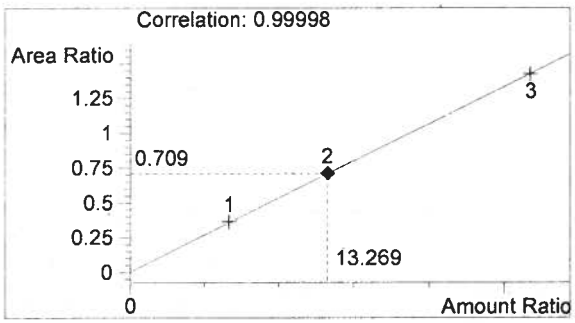
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 1:34:48 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

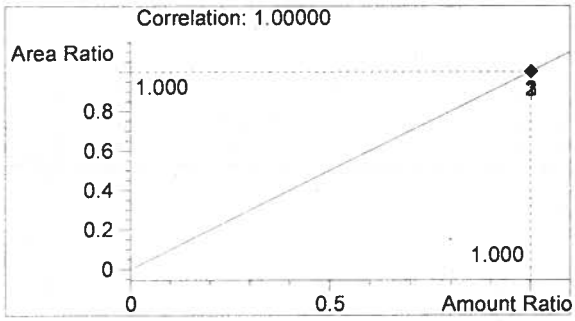


#	Compound	Peak Area	RT (min)
1	Ethanol	1078	1.016
2	n-Propanol	1520	1.741



Ethanol 0.159 g/100mL

14002



n-Propanol 0.012 g/100mL

KK

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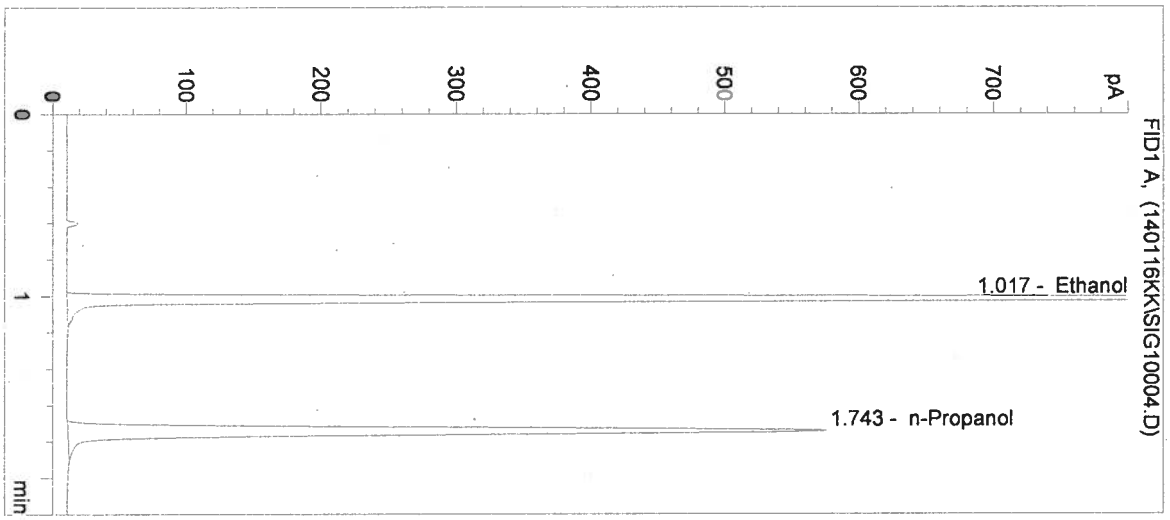
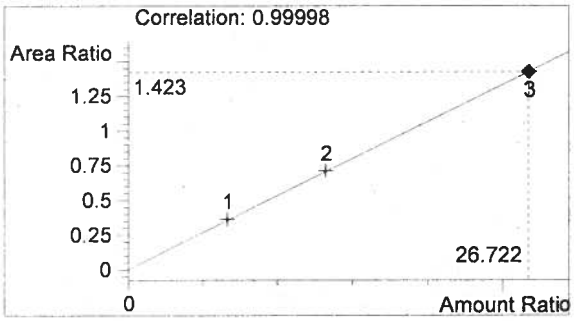
Inj. Date: 1/16/2014 1:37:56 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

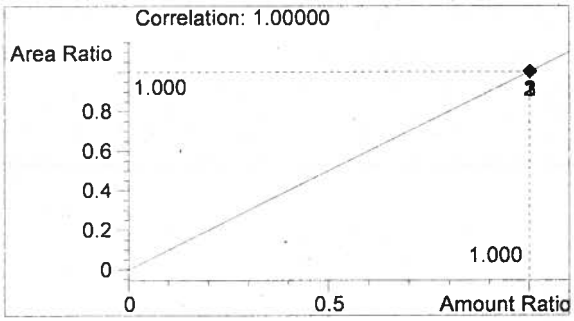


#	Compound	Peak Area	RT (min)
1	Ethanol	2165	1.017
2	n-Propanol	1521	1.743



Ethanol 0.321 g/100mL

14002



n-Propanol 0.012 g/100mL

KK

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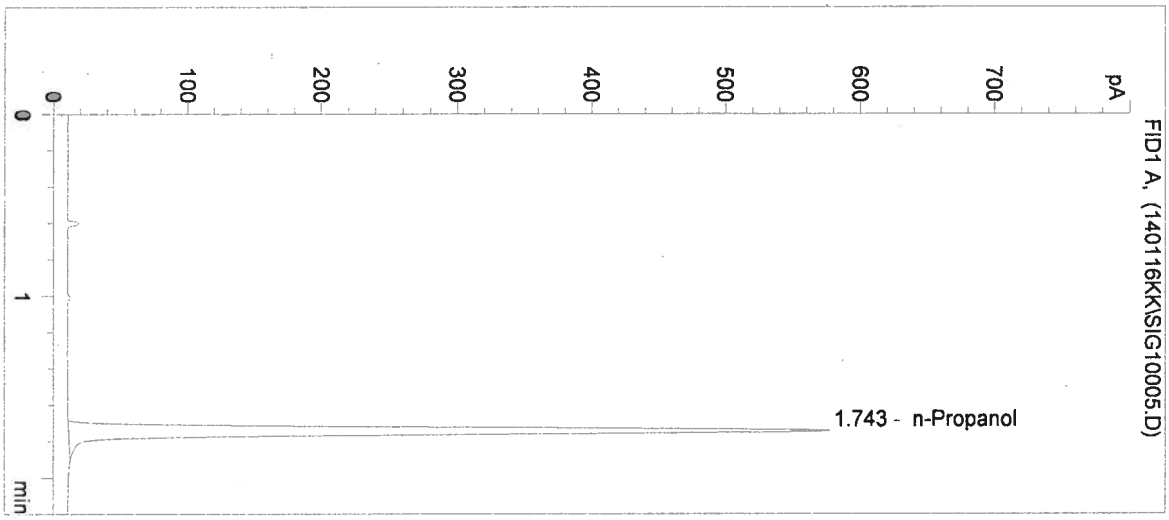
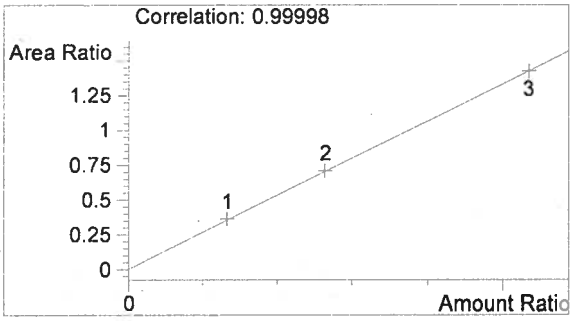
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 1:41:03 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

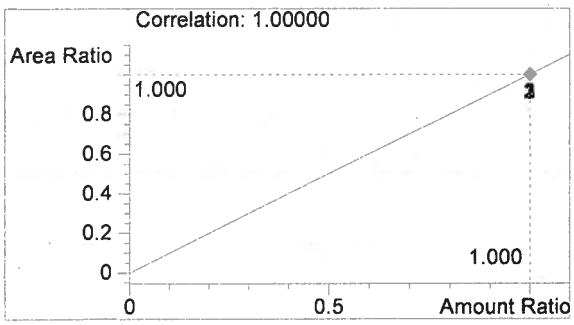


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1523	1.743



Ethanol 0.000 g/100mL

14002



n-Propanol 0.012 g/100mL

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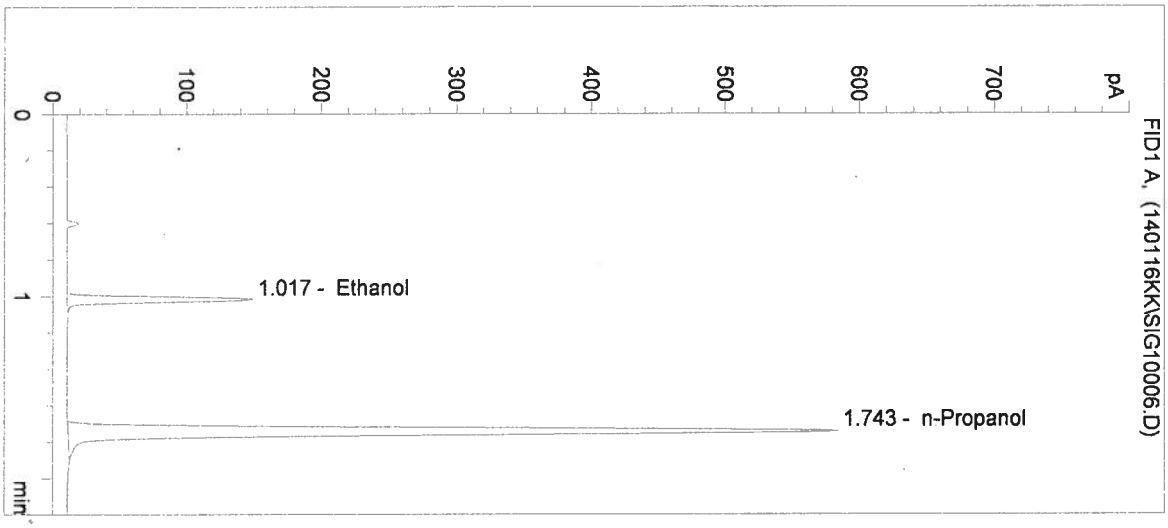
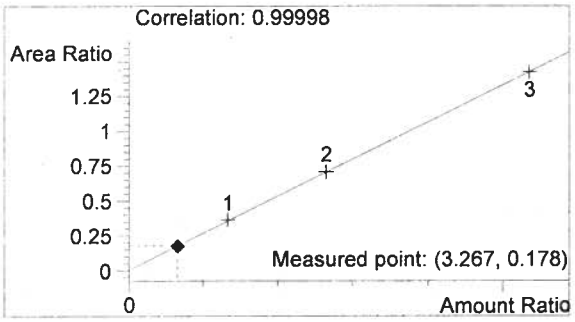
Inj. Date: 1/16/2014 1:44:11 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

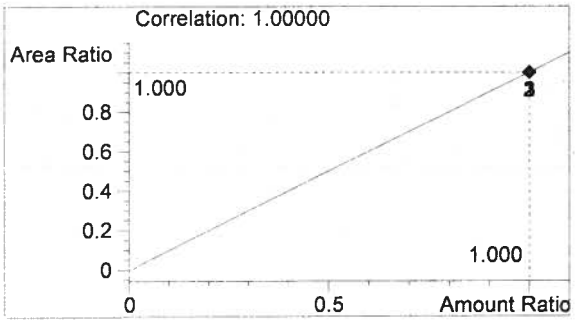


#	Compound	Peak Area	RT (min)
1	Ethanol	275	1.017
2	n-Propanol	1545	1.743



Ethanol 0.039 g/100mL

14002



n-Propanol 0.012 g/100mL

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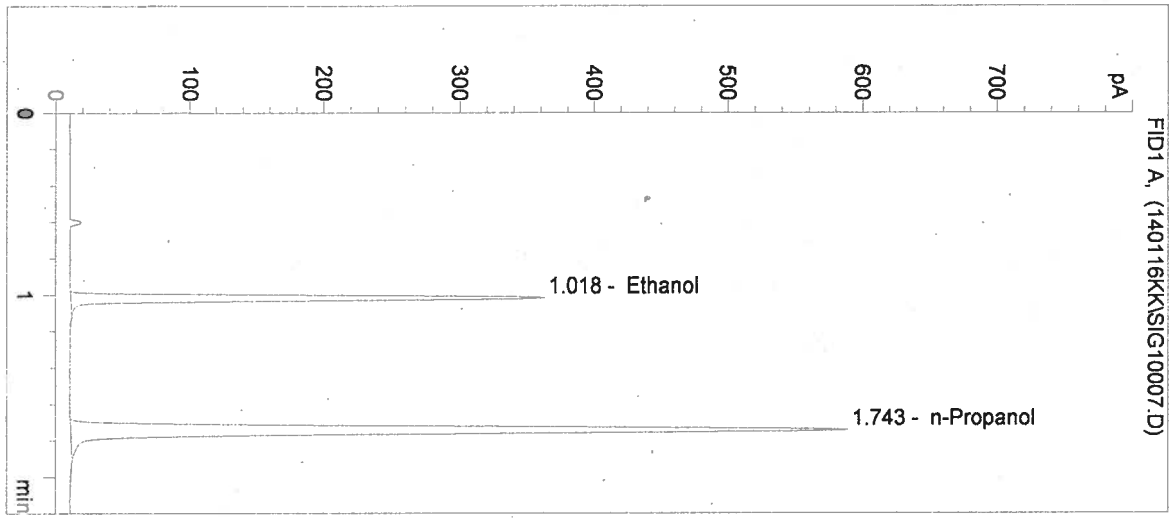
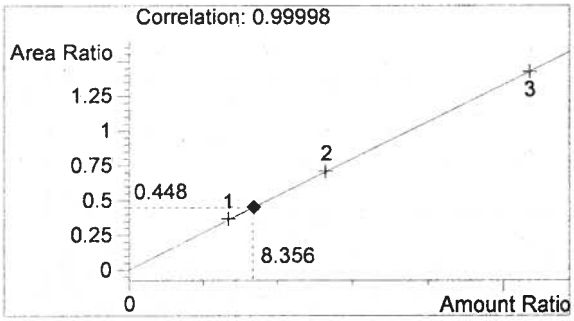
Inj. Date: 1/16/2014 1:47:18 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

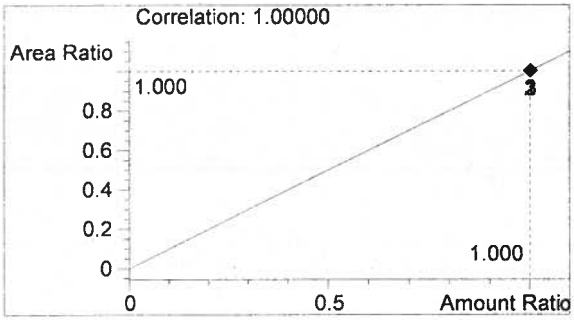


#	Compound	Peak Area	RT (min)
1	Ethanol	693	1.018
2	n-Propanol	1546	1.743



Ethanol 0.100 g/100mL

14002



n-Propanol 0.012 g/100mL

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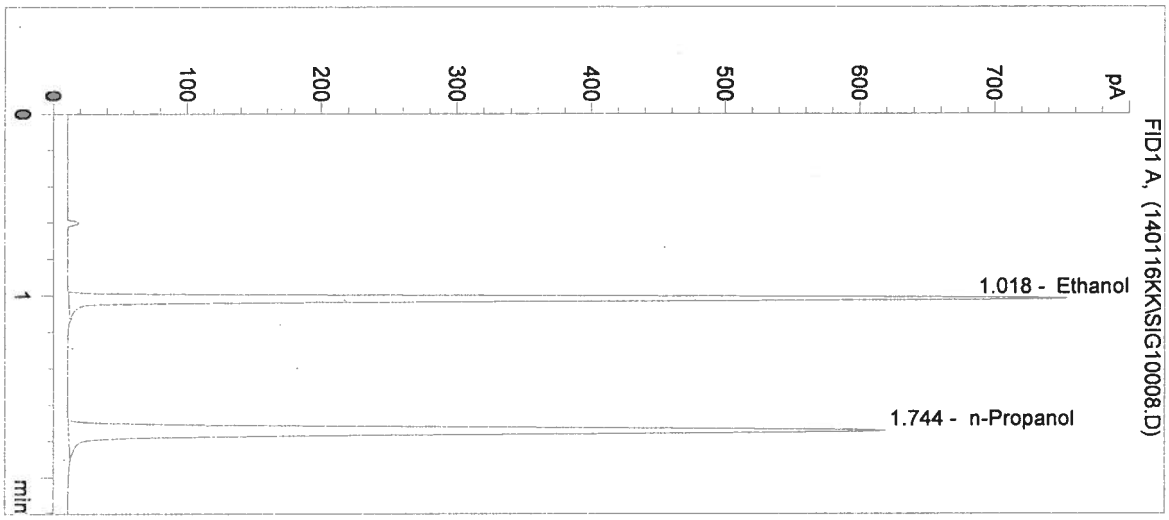
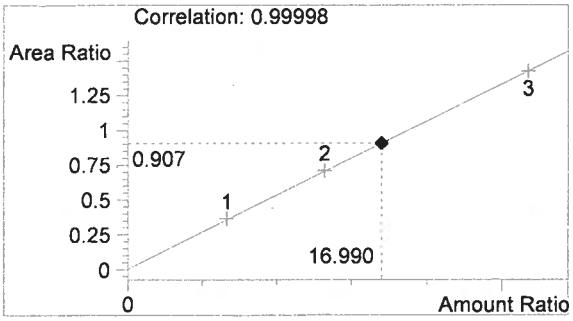
Inj. Date: 1/16/2014 1:50:26 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

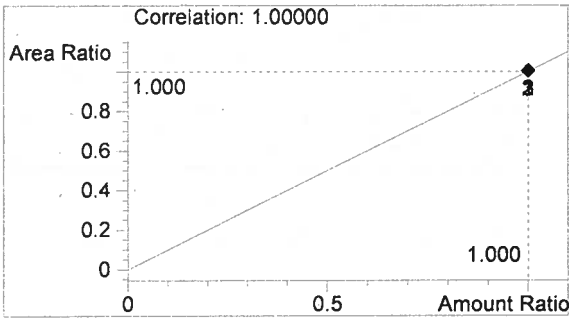


#	Compound	Peak Area	RT (min)
1	Ethanol	1477	1.018
2	n-Propanol	1629	1.744



Ethanol 0.204 g/100mL

14002



n-Propanol 0.012 g/100mL

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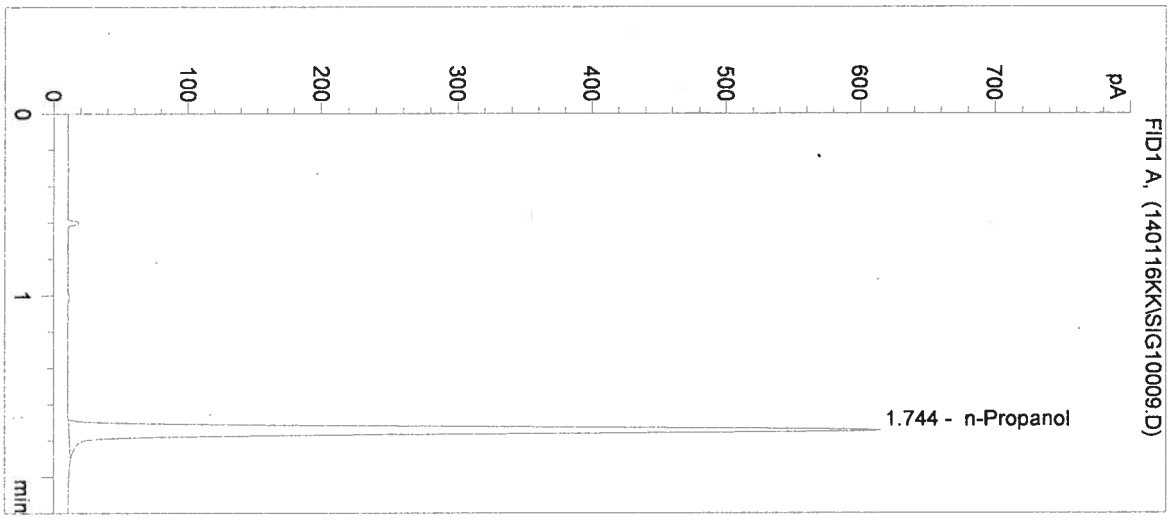
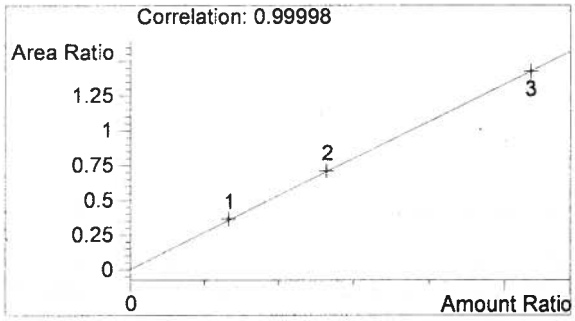
Inj. Date: 1/16/2014 1:53:33 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

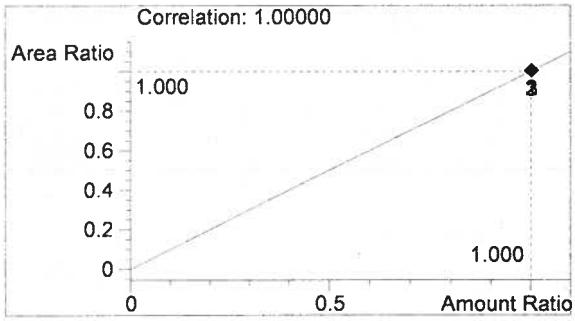


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1625	1.744



Ethanol 0.000 g/100mL

14002



n-Propanol 0.012 g/100mL

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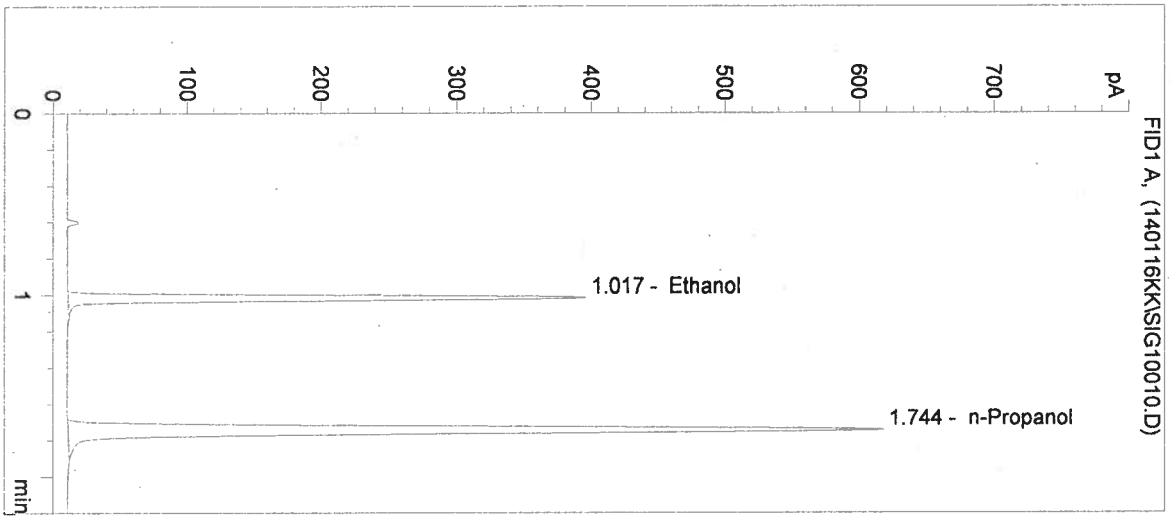
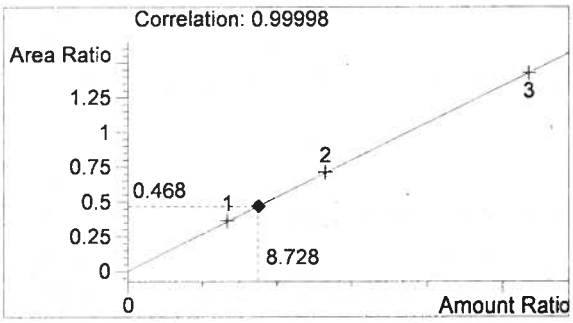
Inj. Date: 1/16/2014 1:56:41 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

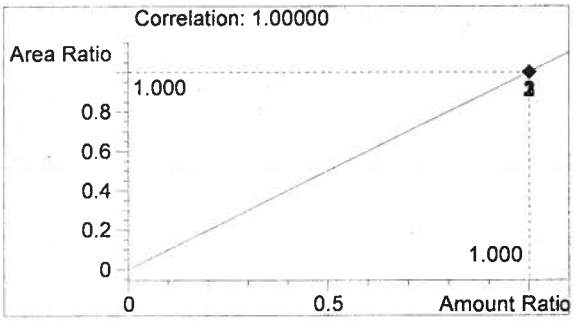
Sample Name: 14002 #1
Operator: Katie Knorr
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	762	1.017
2	n-Propanol	1628	1.744



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140116KK\SIG10010.D

KK

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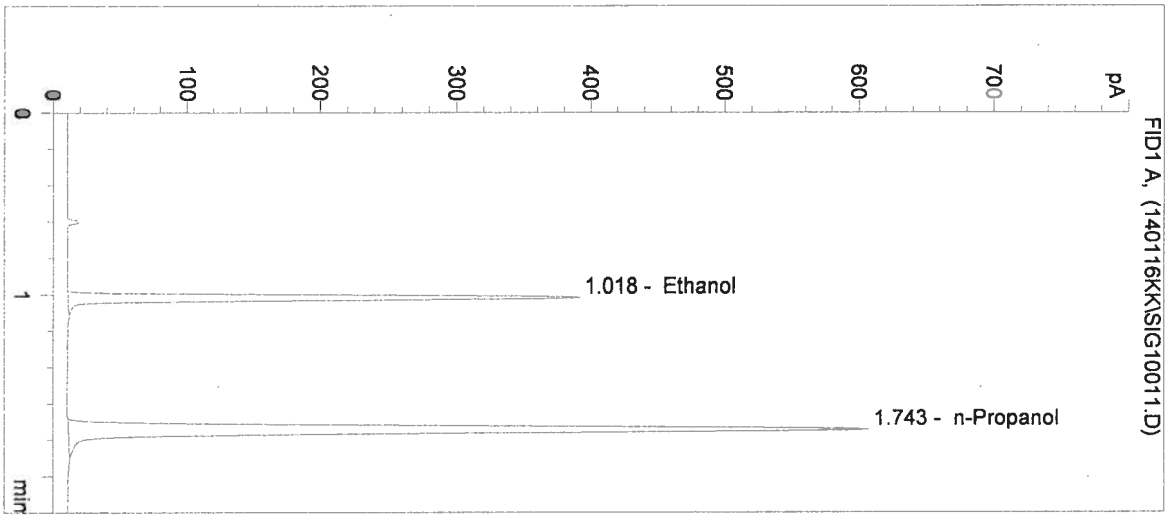
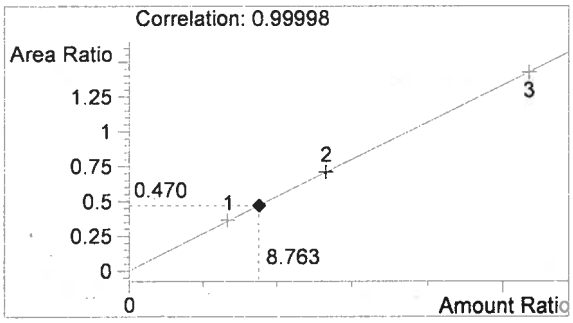
Inj. Date: 1/16/2014 1:59:48 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

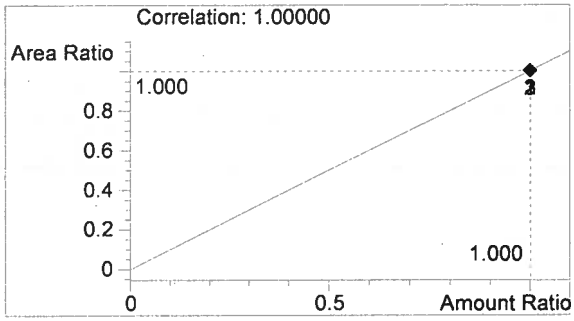
Sample Name: 14002 #2
Operator: Katie Knorr
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	751	1.018
2	n-Propanol	1598	1.743



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

KK

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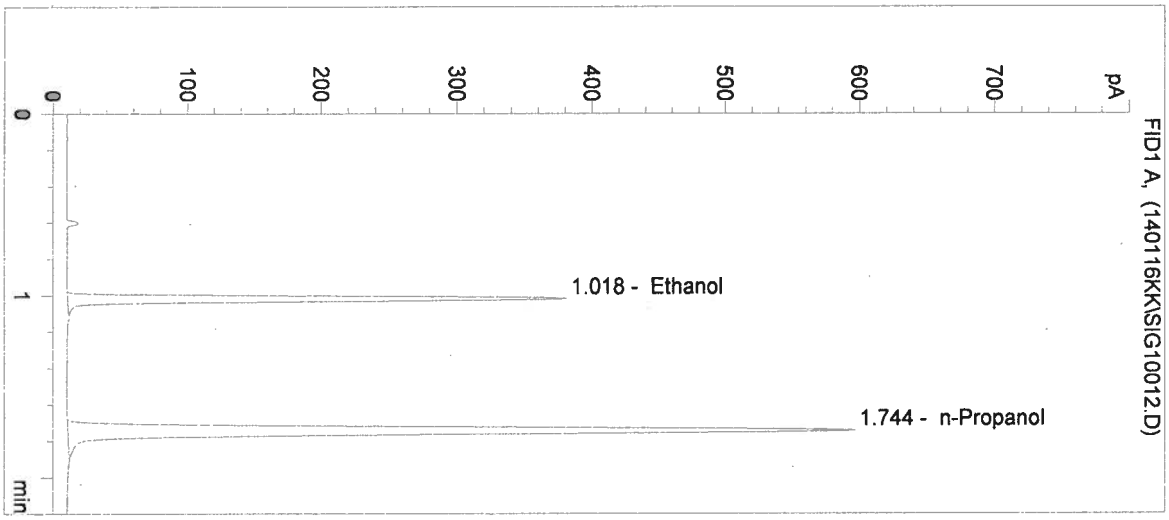
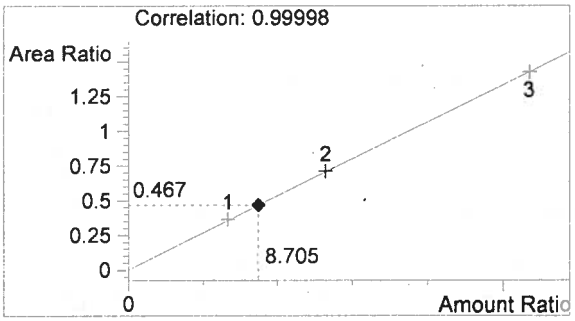
Inj. Date: 1/16/2014 2:02:55 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

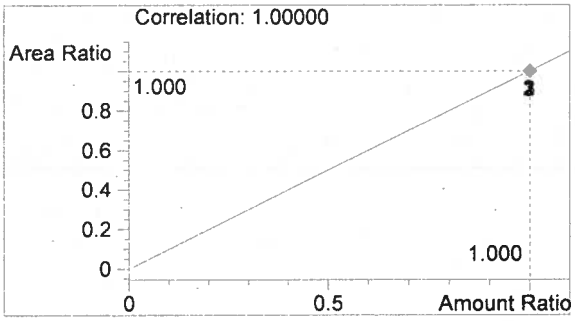
Sample Name: 14002 #3
Operator: Katie Knorr
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	731	1.018
2	n-Propanol	1567	1.744



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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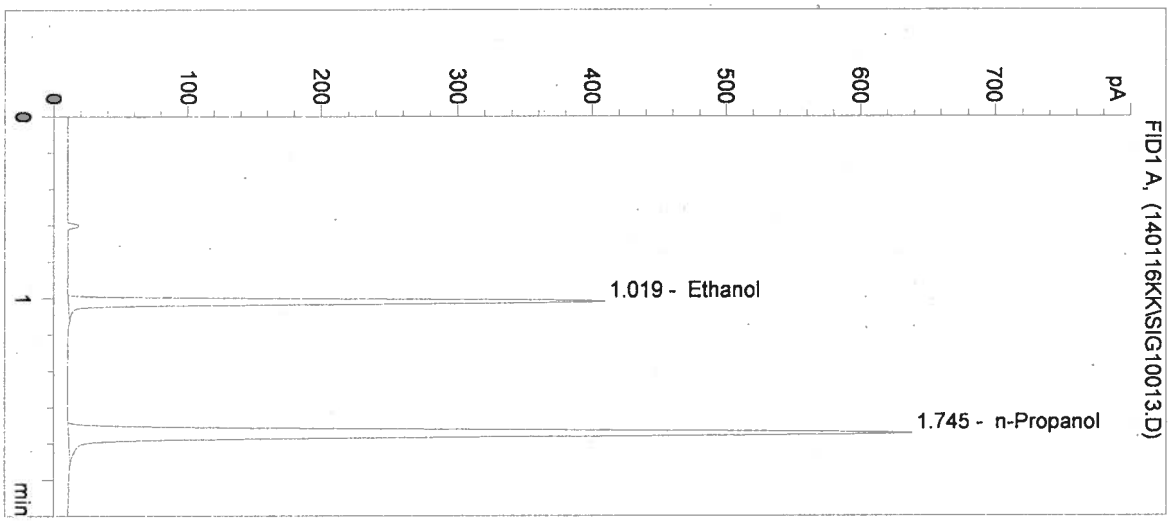
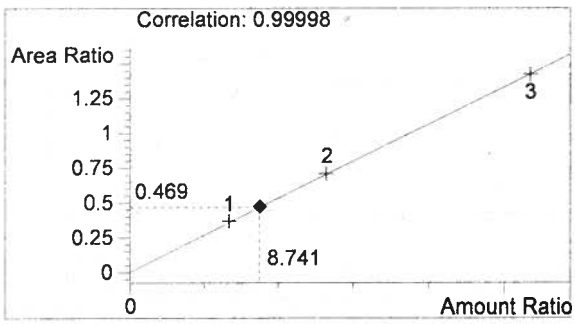
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 2:06:03 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

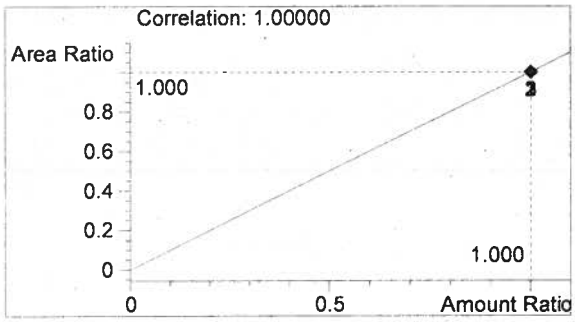
Sample Name: 14002 #4
Operator: Katie Knorr
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	788	1.019
2	n-Propanol	1681	1.745



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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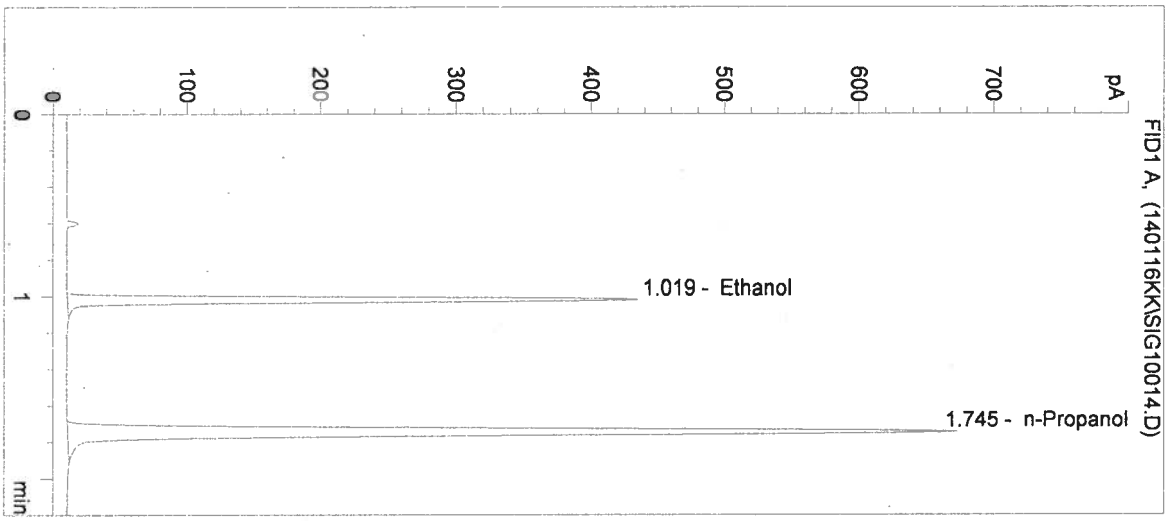
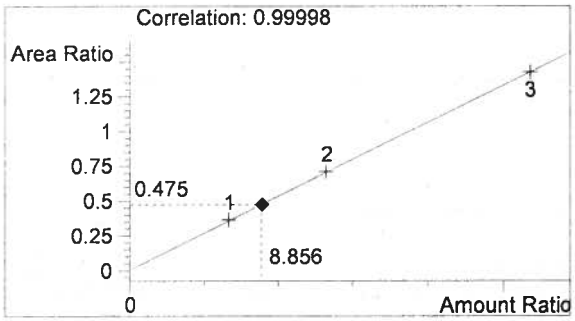
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2014 2:09:10 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

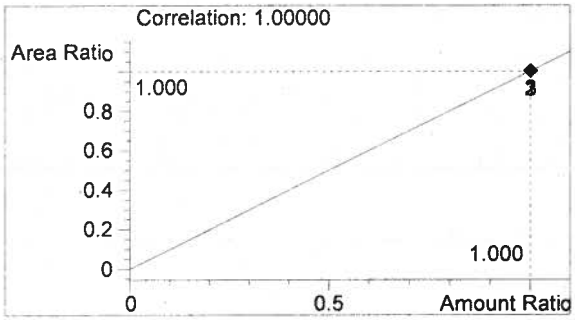
Sample Name: 14002 #5
Operator: Katie Knorr
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	840	1.019
2	n-Propanol	1770	1.745



Ethanol 0.106 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140116KK\SIG10014.D

KK

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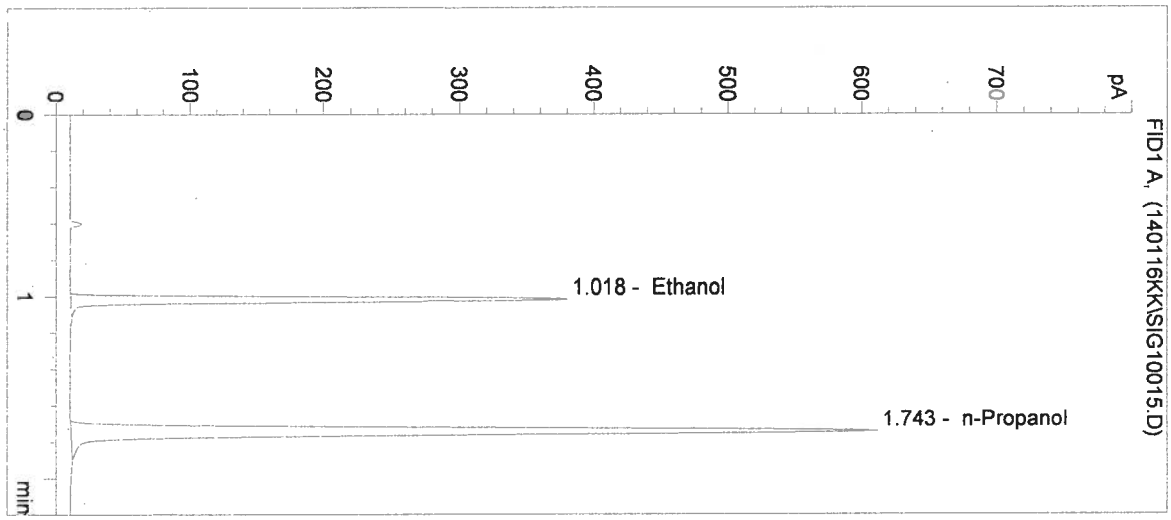
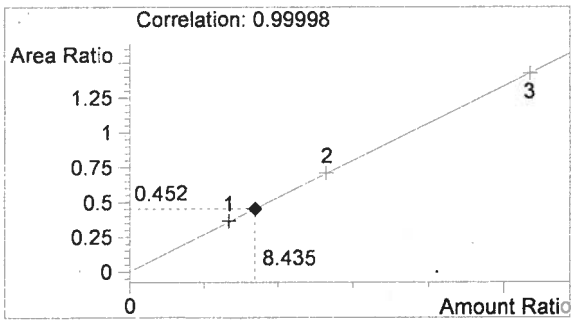
Inj. Date: 1/16/2014 2:12:18 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

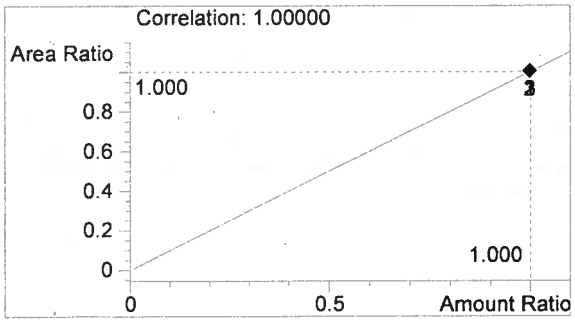


#	Compound	Peak Area	RT (min)
1	Ethanol	728	1.018
2	n-Propanol	1610	1.743



Ethanol 0.101 g/100mL

14002



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140116KK\SIG10015.D

KK

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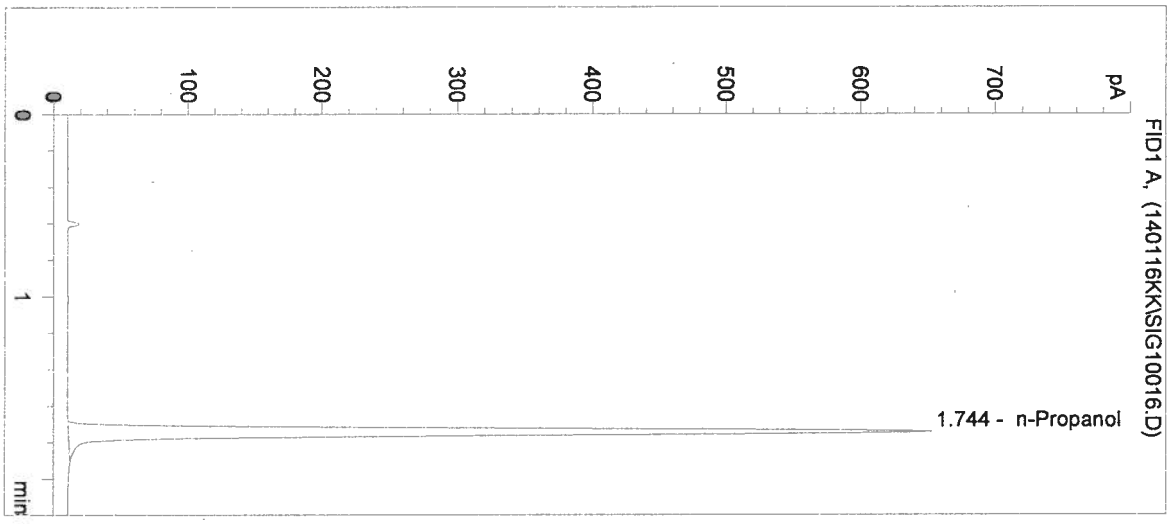
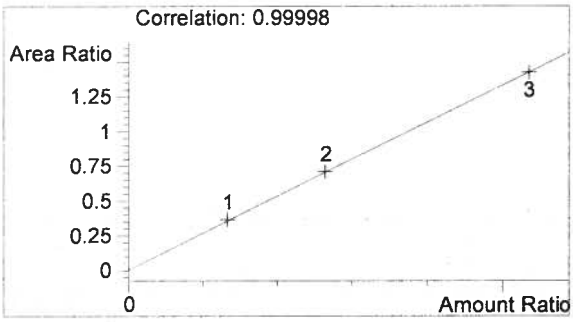
Inj. Date: 1/16/2014 2:15:26 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

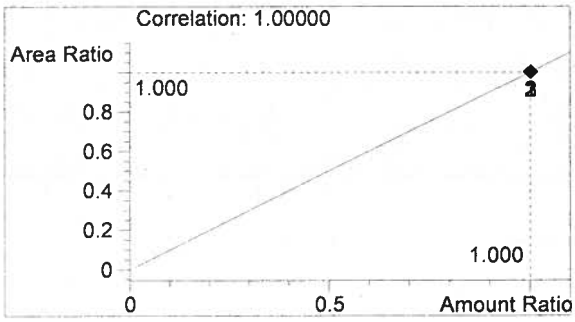


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1720	1.744



Ethanol 0.000 g/100mL

14002



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140116KK\SIG10016.D

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:	140122JK
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# P1113 - Exp 02/14/14

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	14002-1	SIMALC3	1	Sample		
11	Vial 11	14002-2	SIMALC3	1	Sample		
12	Vial 12	14002-3	SIMALC3	1	Sample		
13	Vial 13	14002-4	SIMALC3	1	Sample		
14	Vial 14	14002-5	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	

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

Sequence Table (Back Injector):

No entries - empty table!

14002

JK

Method C:\HPCHEM\2\METHODS\SIMALC3.M

Calibration Table

Calib. Data Modified : Wednesday, January 22, 2014 10:22:42 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	547.29718	1.46228e-4	1	Ethanol
		2	1.58560e-1	1068.43872	1.48403e-4		
		3	3.21220e-1	2132.97241	1.50597e-4		
1.741	1	1	1.20000e-2	1522.68774	7.88080e-6	I1	n-Propanol
		2	1.20000e-2	1505.56067	7.97045e-6		
		3	1.20000e-2	1518.61987	7.90191e-6		

14002

Peak Sum Table

No Entries in table

JK

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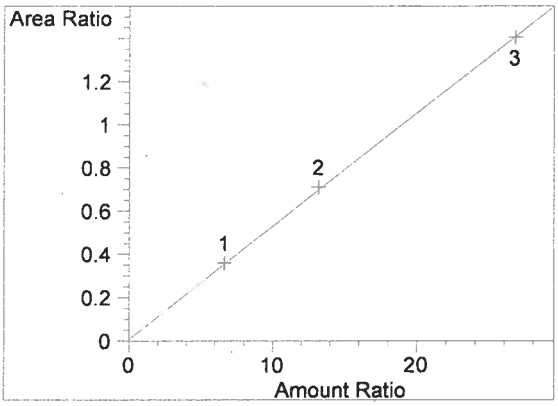
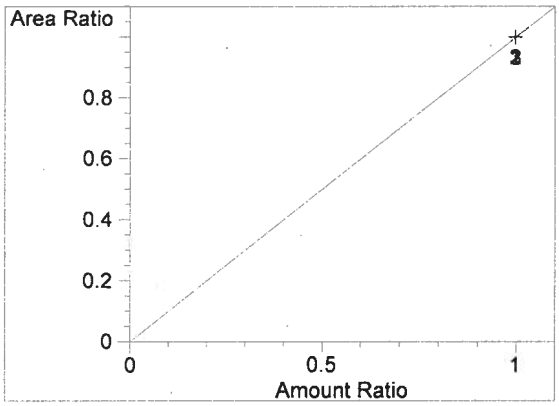
Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99991
Residual Std. Dev.: 0.00973
Formula: y = mx + b
m: 5.24141e-2
b: 7.11847e-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

==========

14002

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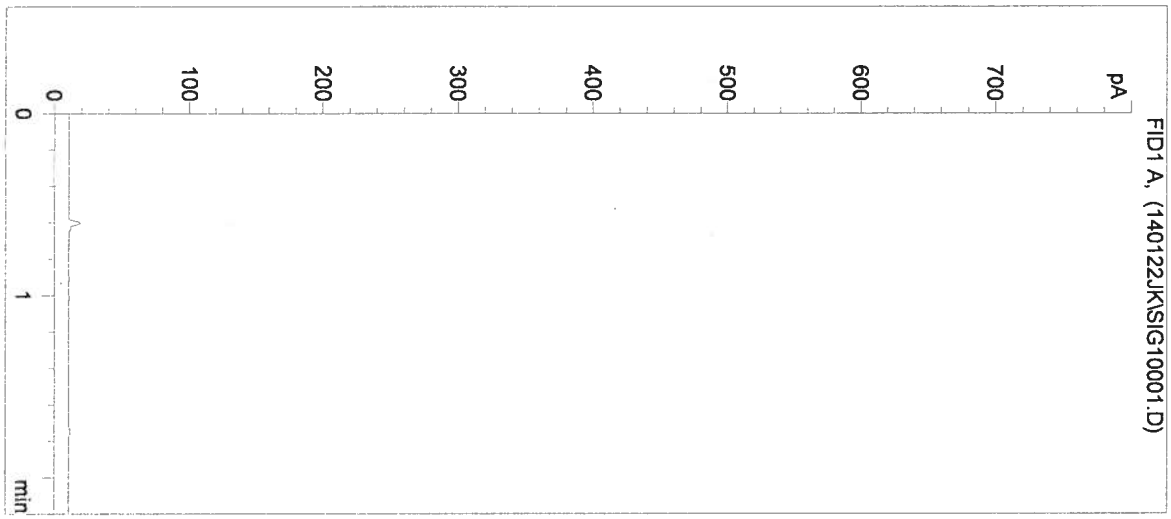
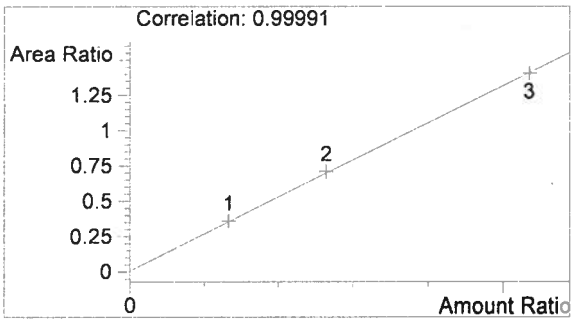
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2014 10:11:07 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

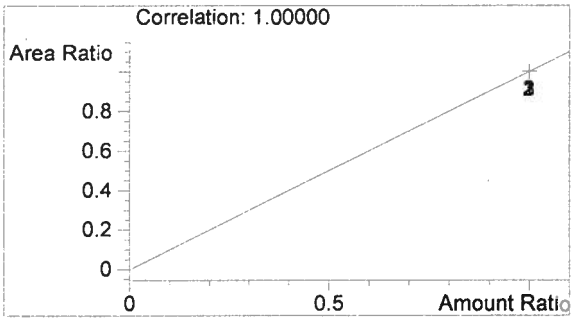


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14002



n-Propanol 0.000 g/100mL

JK

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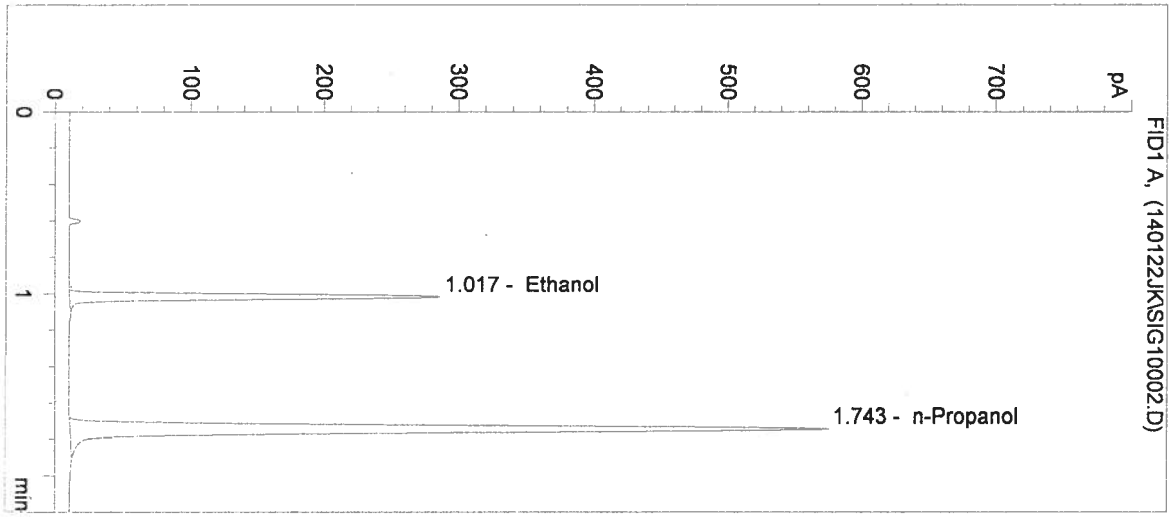
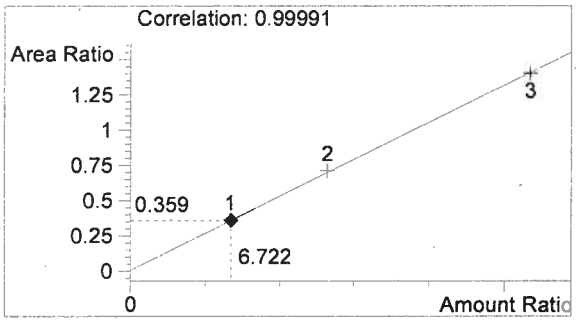
Inj. Date: 1/22/2014 10:14:14 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E1213-01 - Exp. 06/03/2014

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

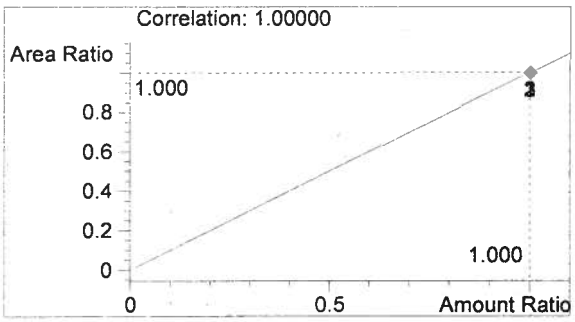


#	Compound	Peak Area	RT (min)
1	Ethanol	547	1.017
2	n-Propanol	1523	1.743



Ethanol 0.081 g/100mL

14002



n-Propanol 0.012 g/100mL

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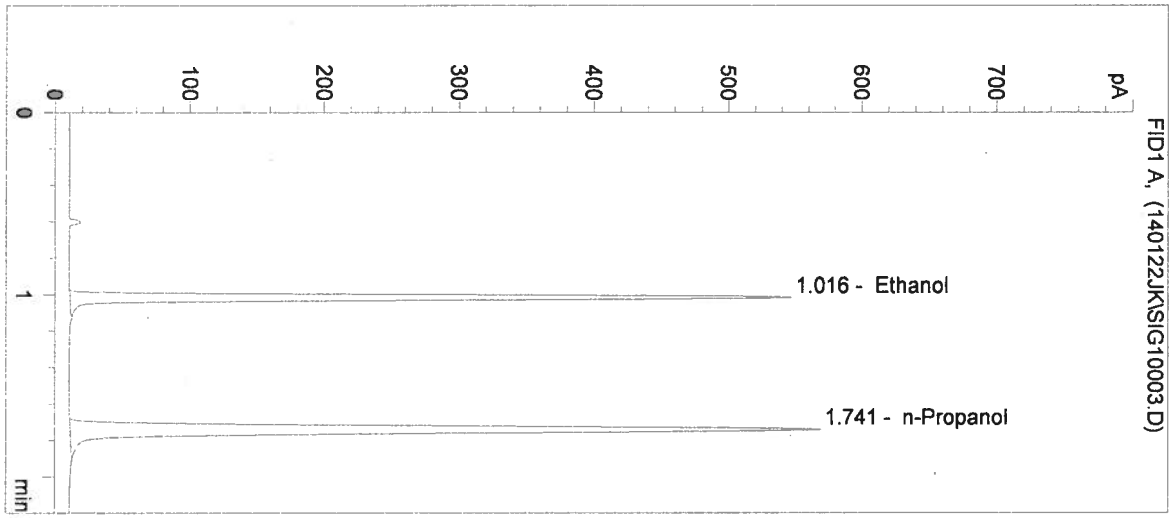
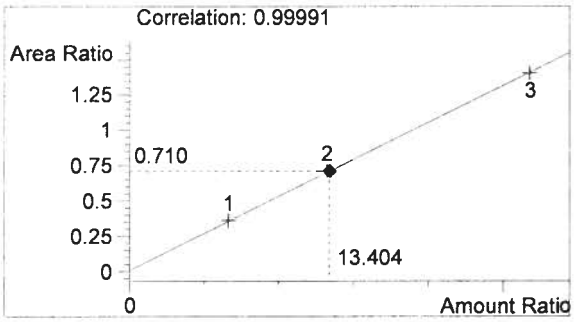
Inj. Date: 1/22/2014 10:17:22 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E1213-02 - Exp. 06/03/2014

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

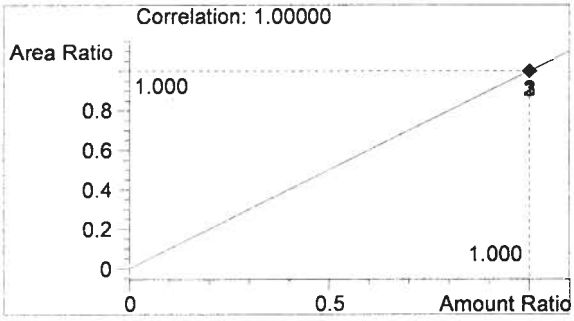


#	Compound	Peak Area	RT (min)
1	Ethanol	1068	1.016
2	n-Propanol	1506	1.741



Ethanol 0.161 g/100mL

14002



n-Propanol 0.012 g/100mL

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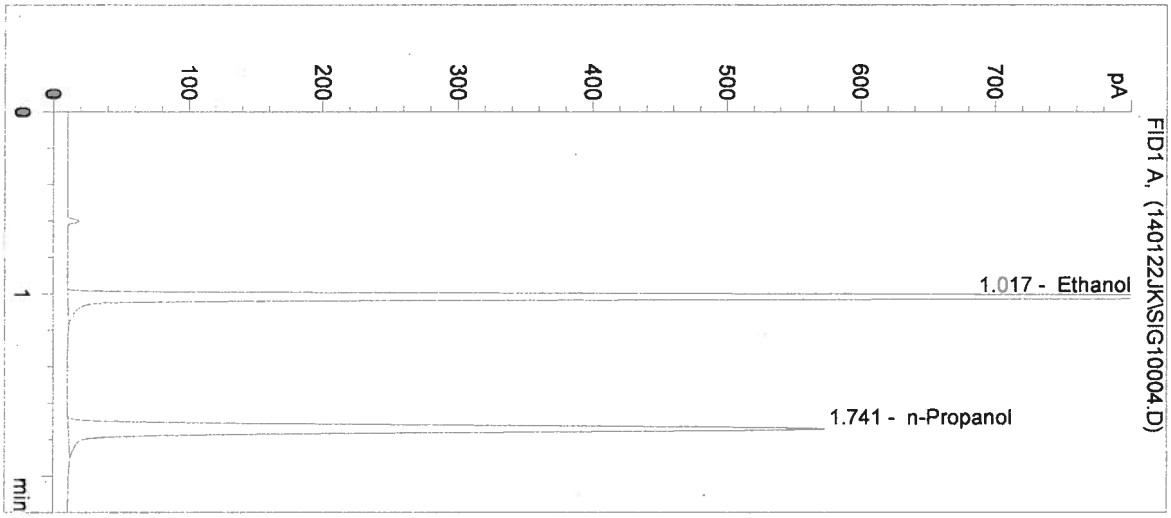
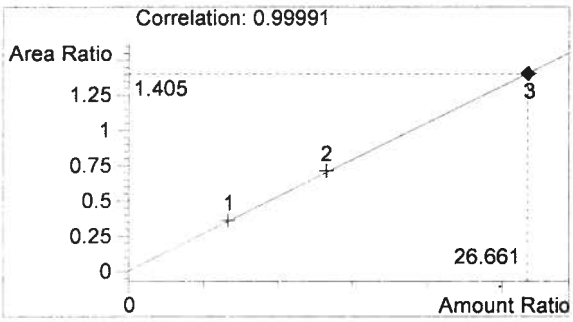
Inj. Date: 1/22/2014 10:20:29 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E1213-03 - Exp. 06/03/2014

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

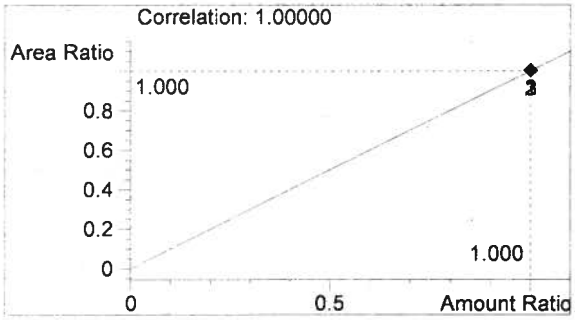


#	Compound	Peak Area	RT (min)
1	Ethanol	2133	1.017
2	n-Propanol	1519	1.741



Ethanol 0.320 g/100mL

14002

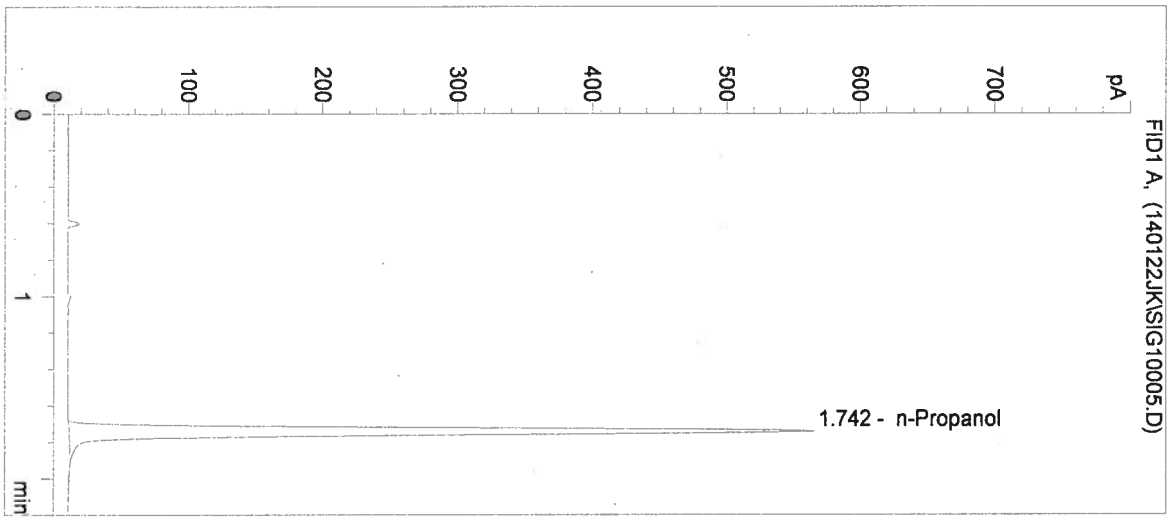


n-Propanol 0.012 g/100mL

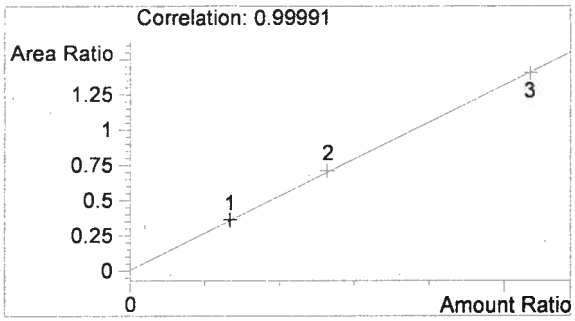
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2014 10:23:37 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

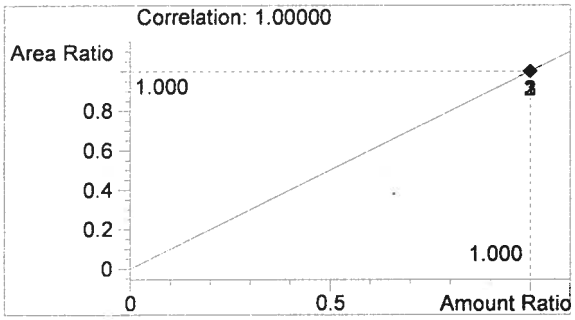


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1497	1.742



Ethanol 0.000 g/100mL

14002



n-Propanol 0.012 g/100mL

JK

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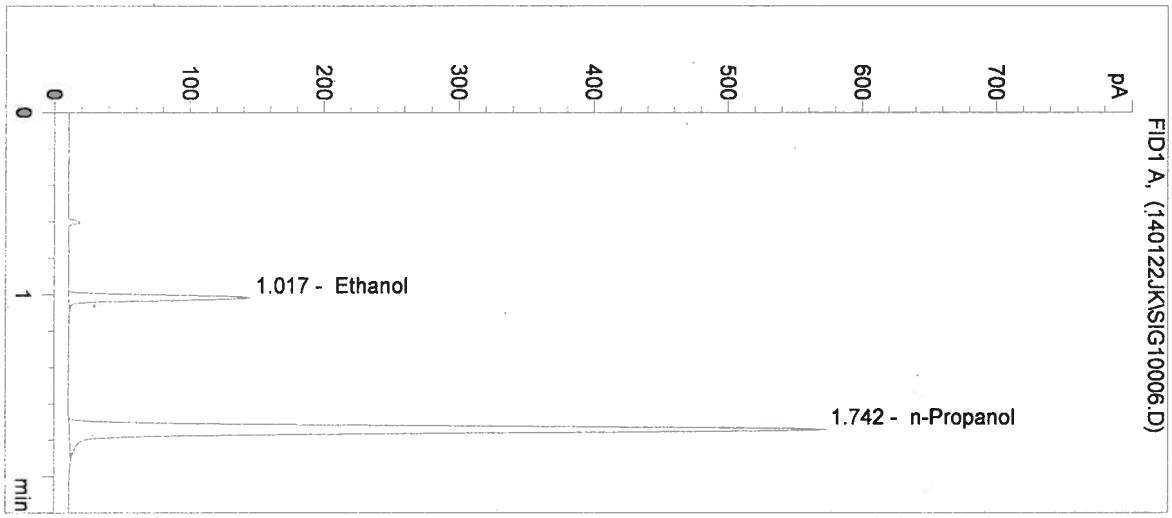
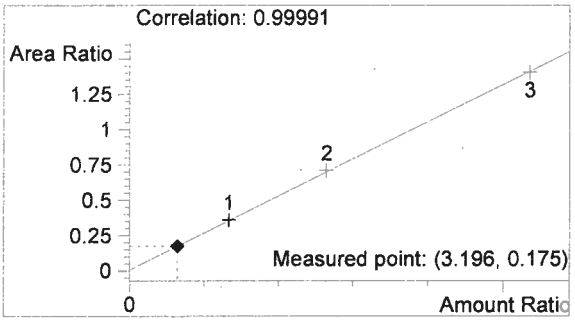
Inj. Date: 1/22/2014 10:26:44 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.04g/100mL

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

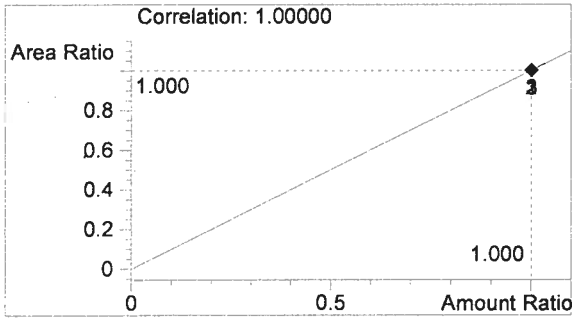


#	Compound	Peak Area	RT (min)
1	Ethanol	265	1.017
2	n-Propanol	1517	1.742



Ethanol 0.038 g/100mL

14002



n-Propanol 0.012 g/100mL

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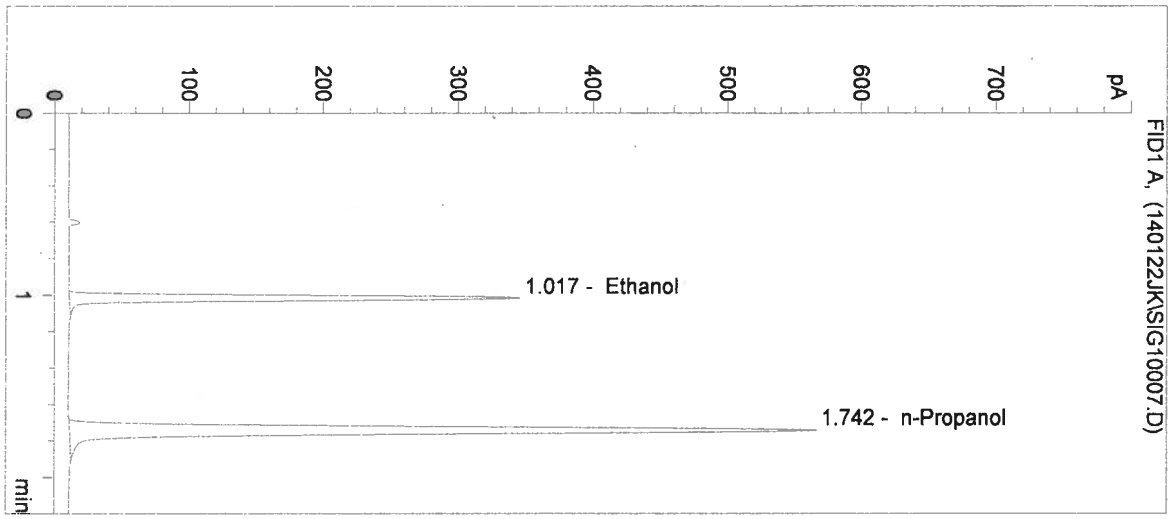
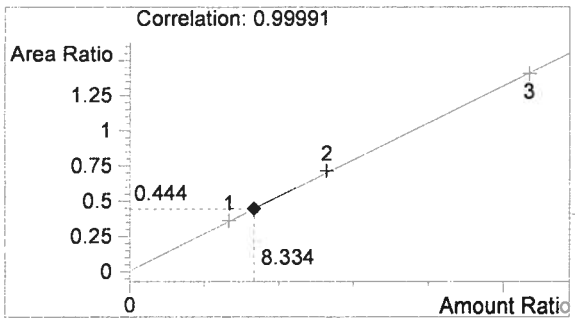
Inj. Date: 1/22/2014 10:29:52 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL

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

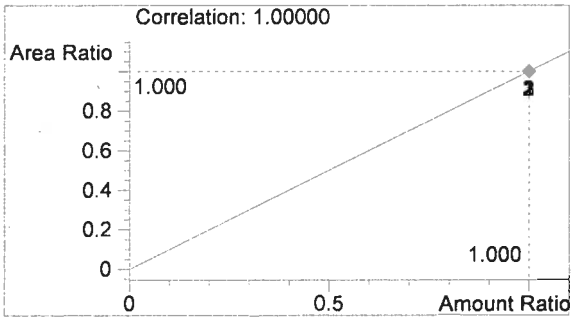


#	Compound	Peak Area	RT (min)
1	Ethanol	665	1.017
2	n-Propanol	1498	1.742



Ethanol 0.100 g/100mL

14002



n-Propanol 0.012 g/100mL

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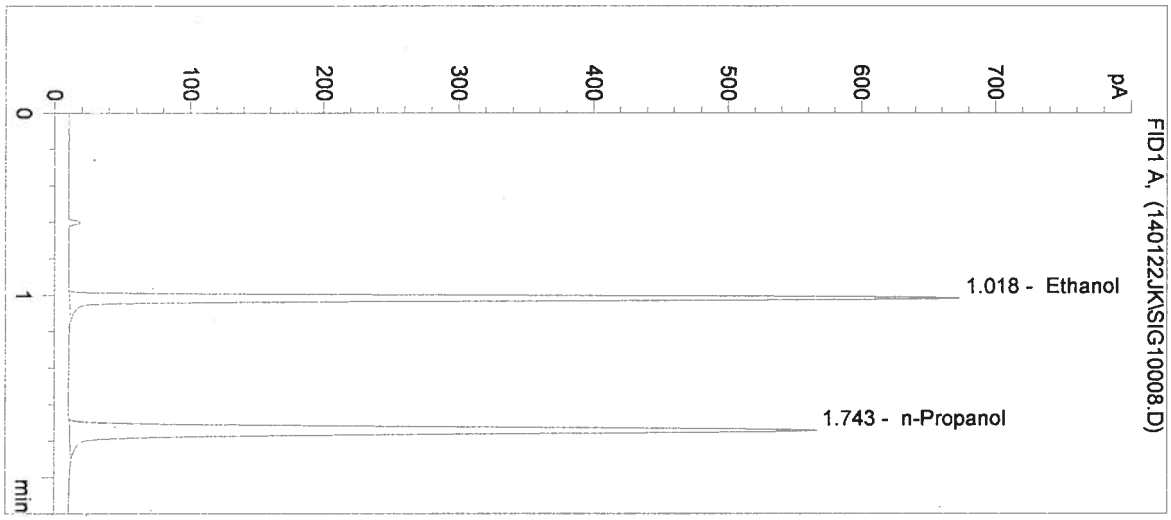
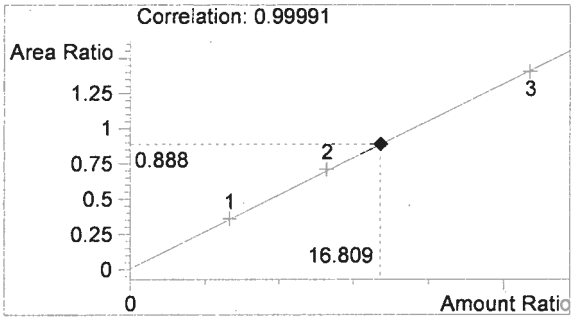
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2014 10:32:59 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

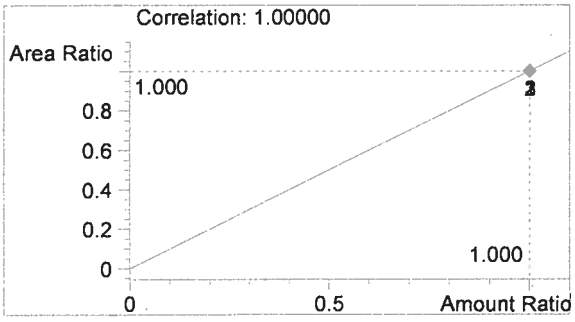


#	Compound	Peak Area	RT (min)
1	Ethanol	1335	1.018
2	n-Propanol	1503	1.743



Ethanol 0.202 g/100mL

14002

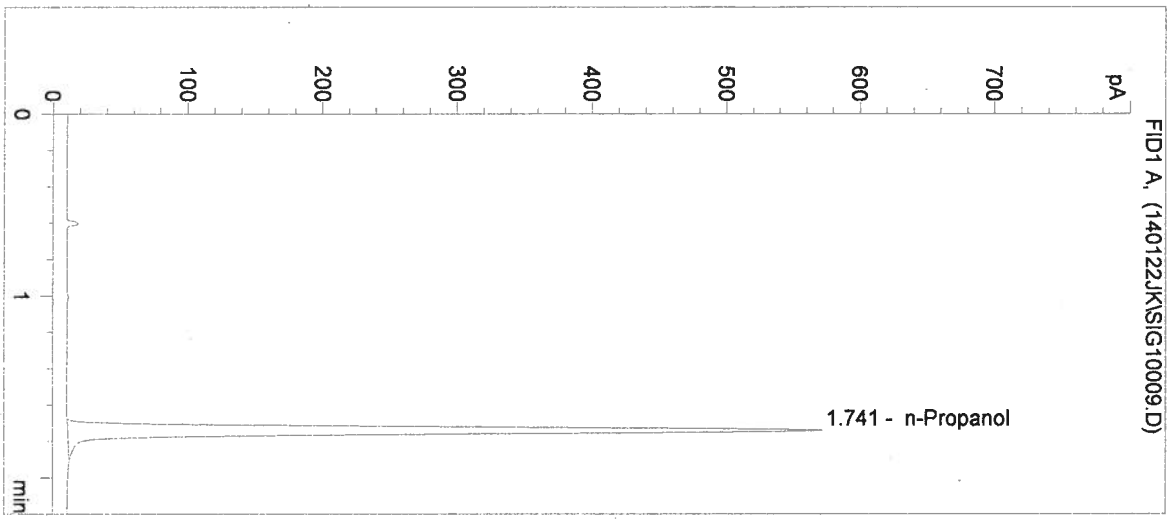


n-Propanol 0.012 g/100mL

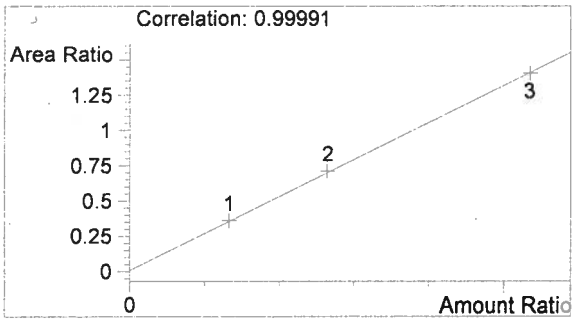
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2014 10:36:07 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 9

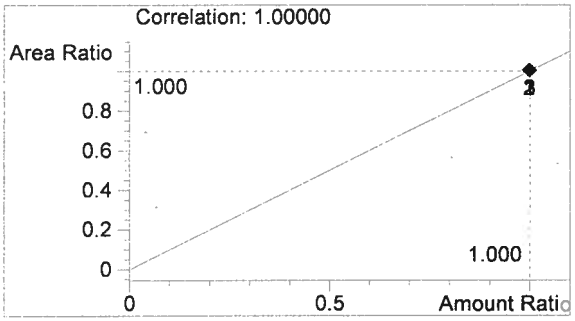


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1511	1.741



Ethanol 0.000 g/100mL

14002



n-Propanol 0.012 g/100mL

JK

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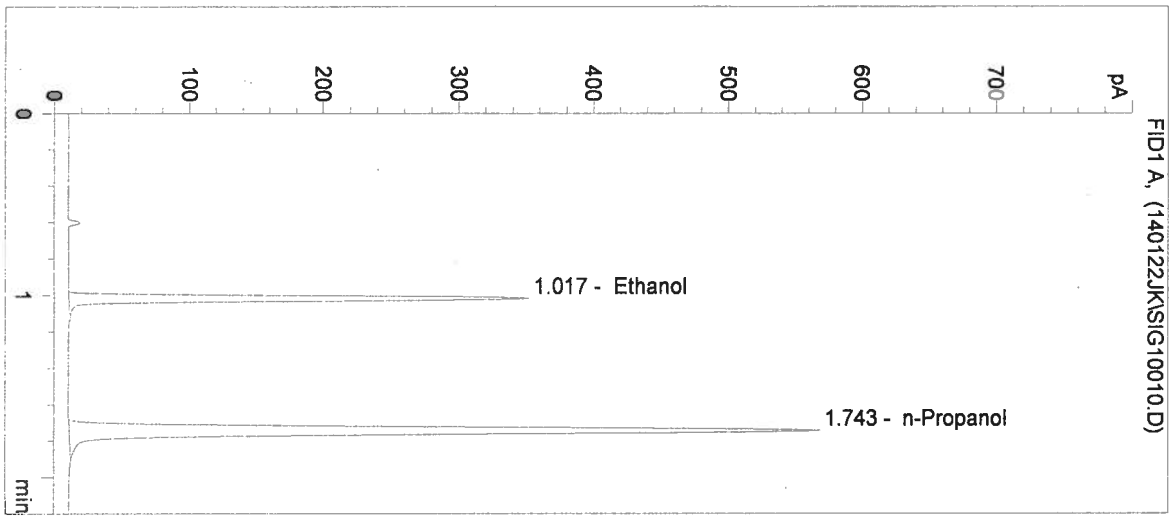
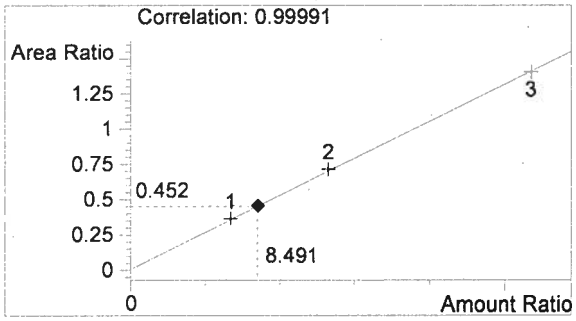
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2014 10:39:14 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

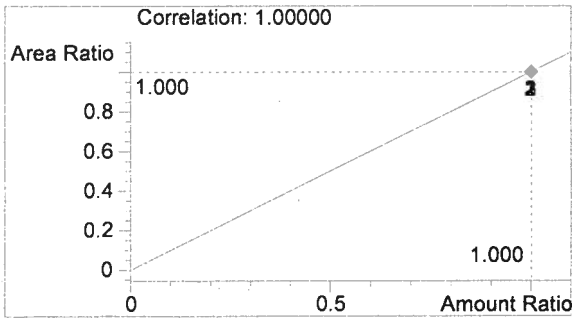
Sample Name: 14002-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	680	1.017
2	n-Propanol	1505	1.743



Ethanol 0.102 g/100mL

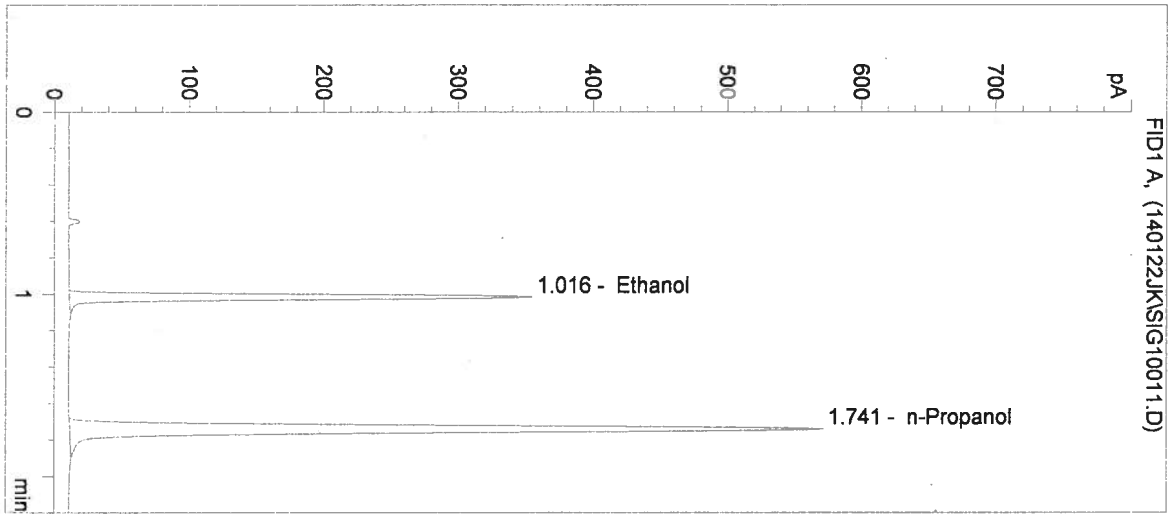


n-Propanol 0.012 g/100mL

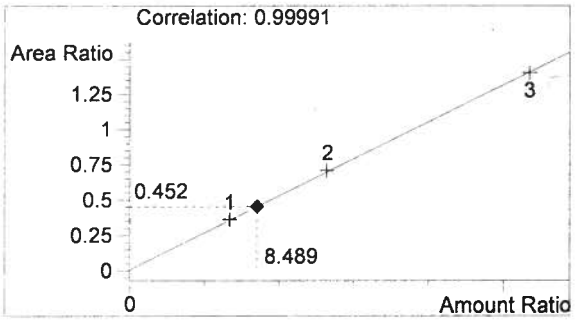
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2014 10:42:21 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

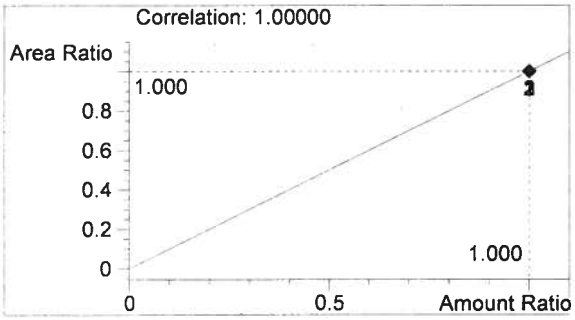
Sample Name: 14002-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	683	1.016
2	n-Propanol	1510	1.741



Ethanol 0.102 g/100mL

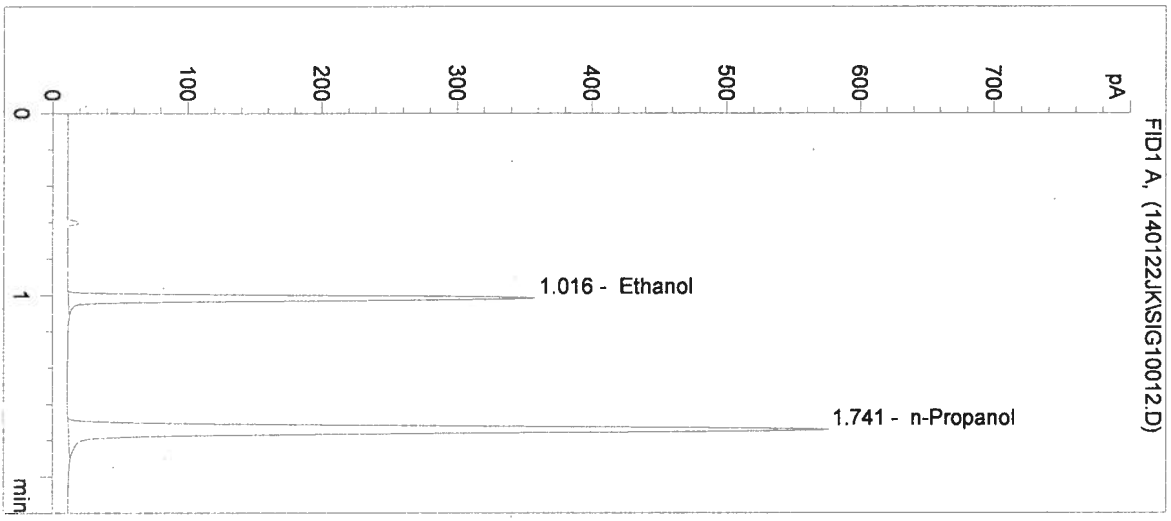


n-Propanol 0.012 g/100mL

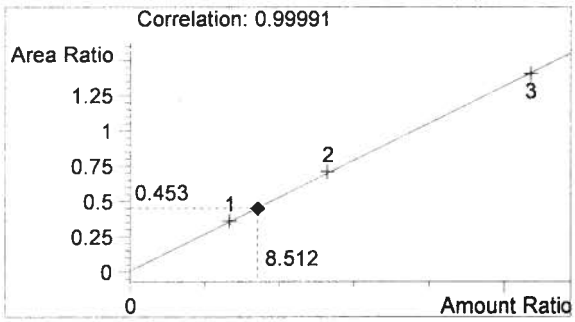
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2014 10:45:29 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

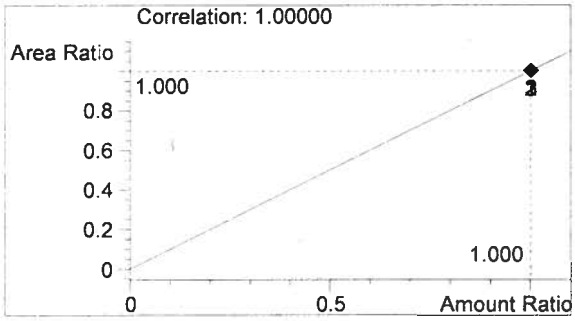
Sample Name: 14002-3
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	690	1.016
2	n-Propanol	1522	1.741



Ethanol 0.102 g/100mL

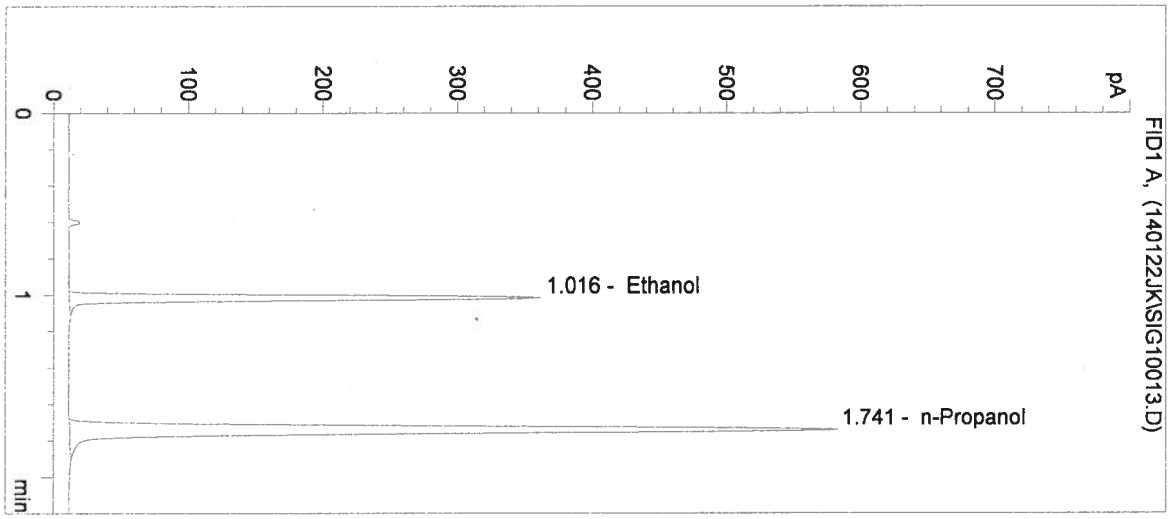


n-Propanol 0.012 g/100mL

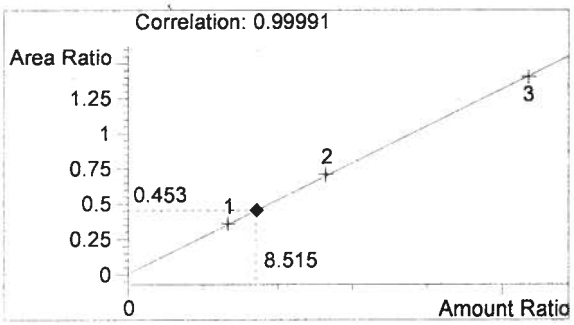
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2014 10:48:36 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

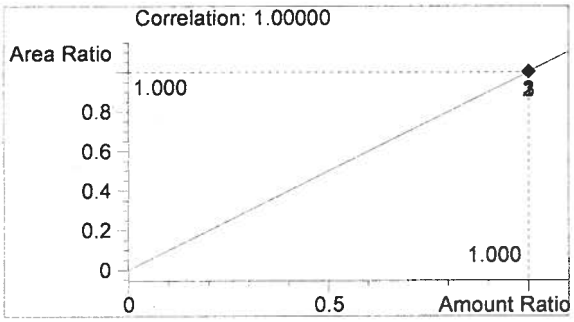
Sample Name: 14002-4
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	699	1.016
2	n-Propanol	1541	1.741



Ethanol 0.102 g/100mL

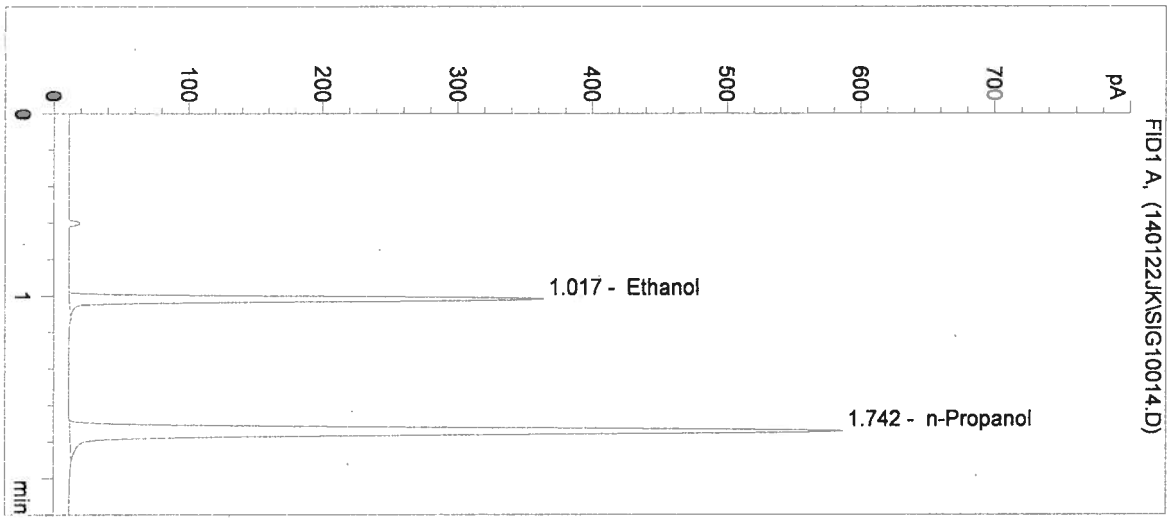


n-Propanol 0.012 g/100mL

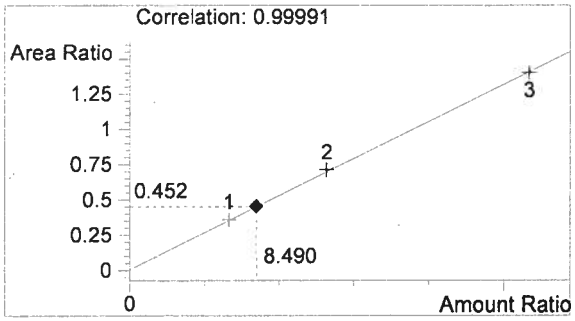
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2014 10:51:44 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

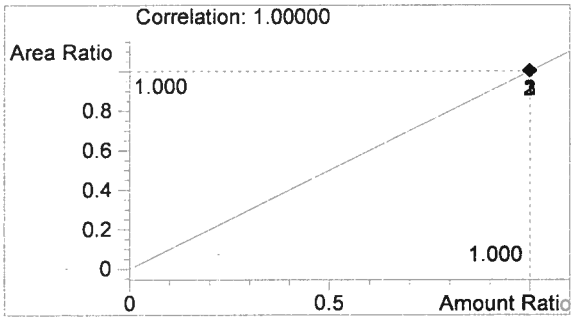
Sample Name: 14002-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	700	1.017
2	n-Propanol	1548	1.742



Ethanol 0.102 g/100mL

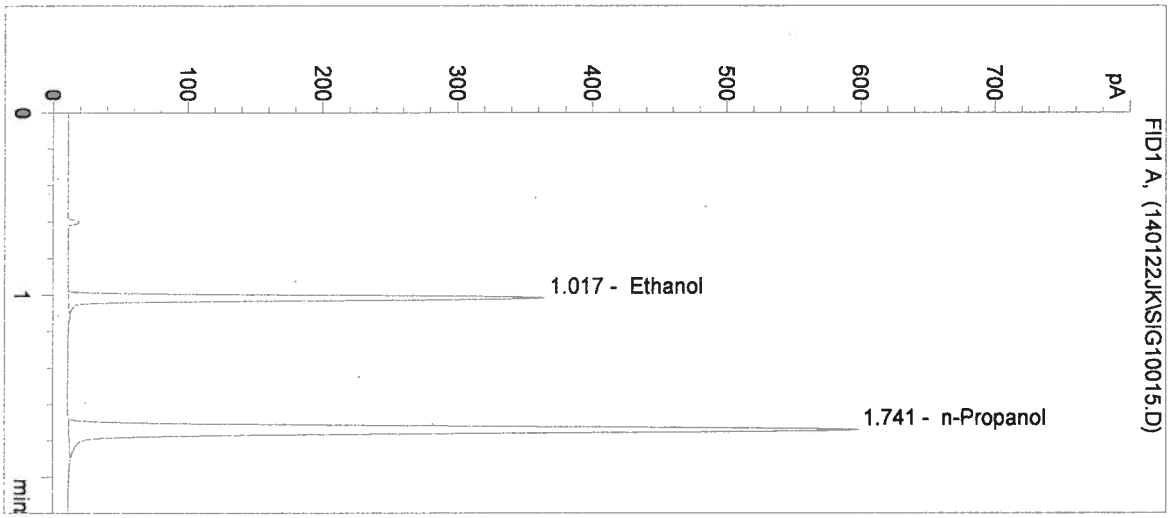


n-Propanol 0.012 g/100mL

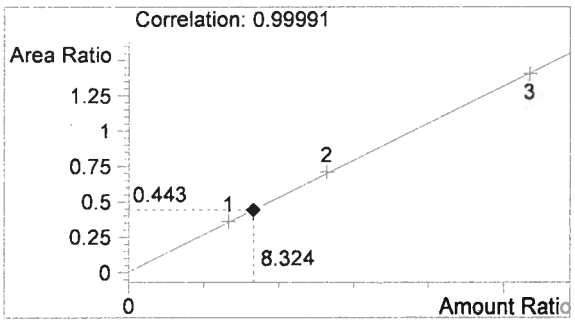
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2014 10:54:51 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

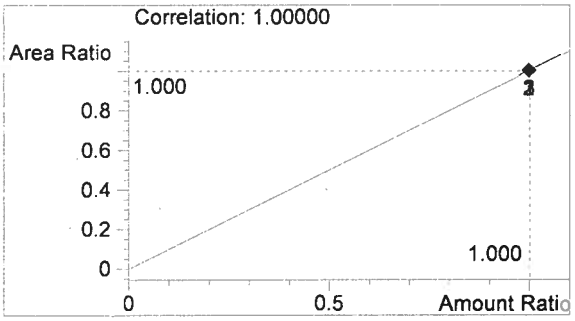


#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.017
2	n-Propanol	1582	1.741



Ethanol 0.100 g/100mL

14002

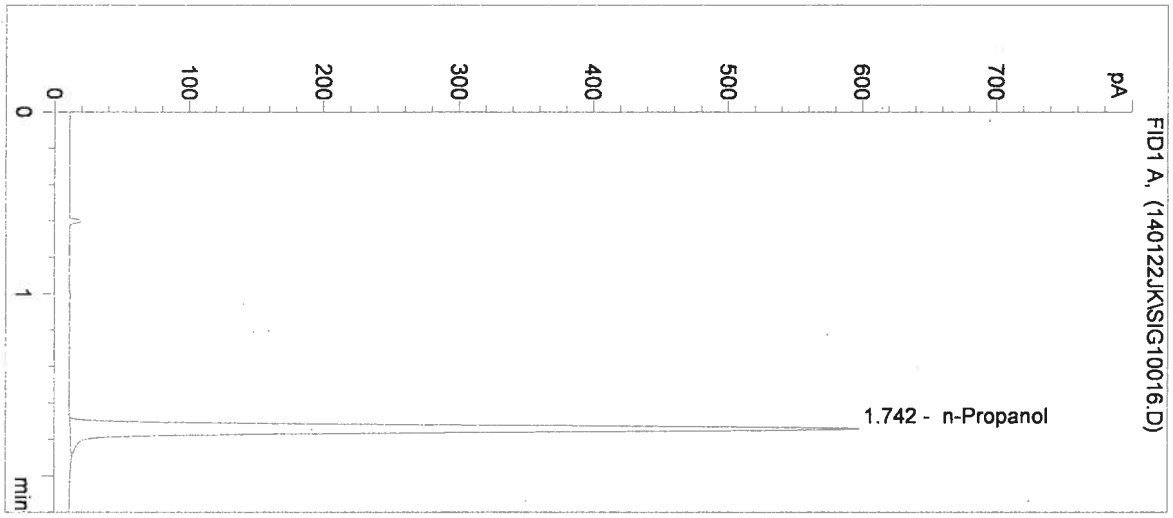


n-Propanol 0.012 g/100mL

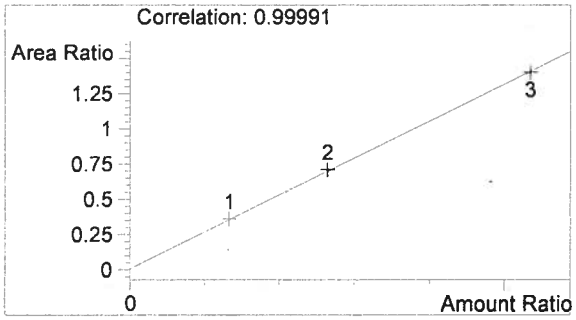
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2014 10:57:59 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

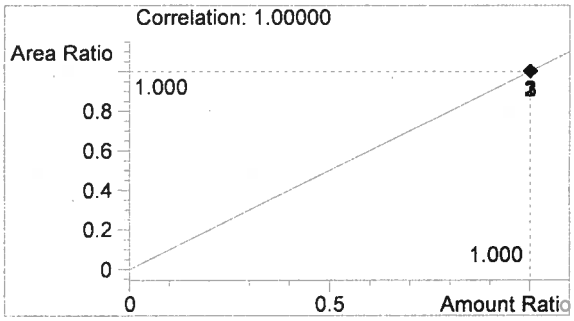


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1581	1.742



Ethanol 0.000 g/100mL

14002



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:	140123LL
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# P1113 - Exp 02/14/14

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	14002 #1	SIMALC3	1	Sample		
11	Vial 11	14002 #2	SIMALC3	1	Sample		
12	Vial 12	14002 #3	SIMALC3	1	Sample		
13	Vial 13	14002 #4	SIMALC3	1	Sample		
14	Vial 14	14002 #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!

14002

Method C:\HPCHEM\2\METHODS\SIMALC3.M

Calibration Table

Calib. Data Modified : Thursday, January 23, 2014 1:17:16 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.017	1	1	8.00300e-2	542.87067	1.47420e-4	1		Ethanol
		2	1.58560e-1	1121.67395	1.41360e-4			
		3	3.21220e-1	2172.01050	1.47891e-4			
1.741	1	1	1.20000e-2	1478.96033	8.11381e-6	I1		n-Propanol
		2	1.20000e-2	1500.28210	7.99850e-6			
		3	1.20000e-2	1489.34302	8.05724e-6			

14002

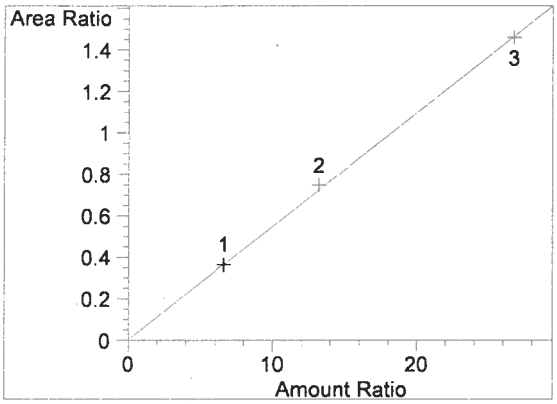
Peak Sum Table

No Entries in table

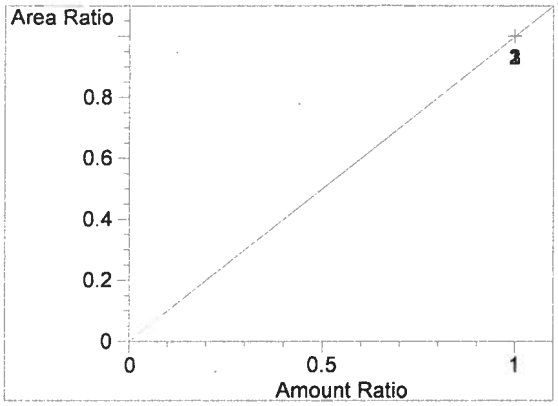
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99977
Residual Std. Dev.: 0.01636
Formula: y = mx + b
m: 5.45436e-2
b: 7.14171e-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

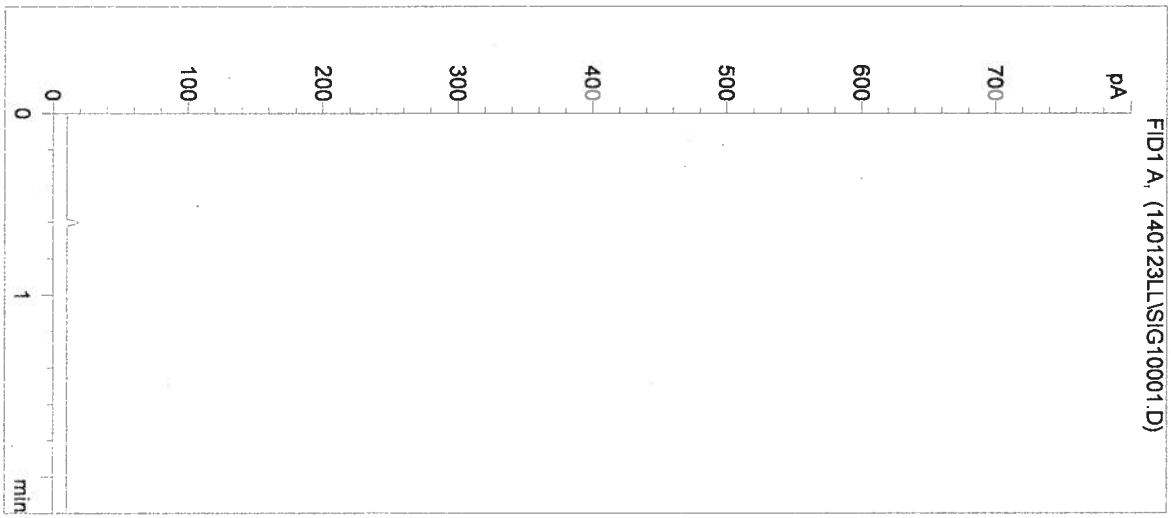
==========

14002

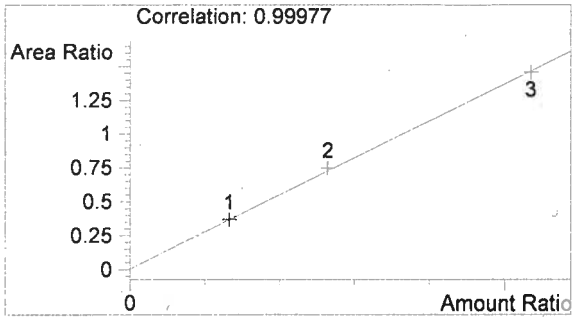
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/23/2014 1:05:41 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

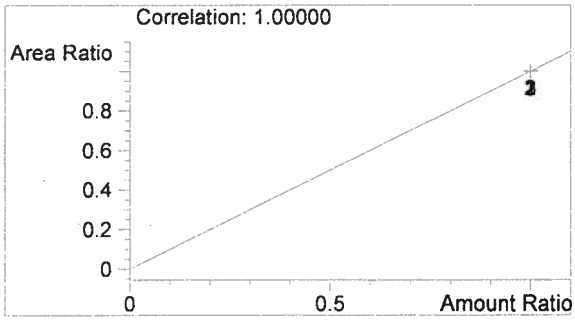


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14002

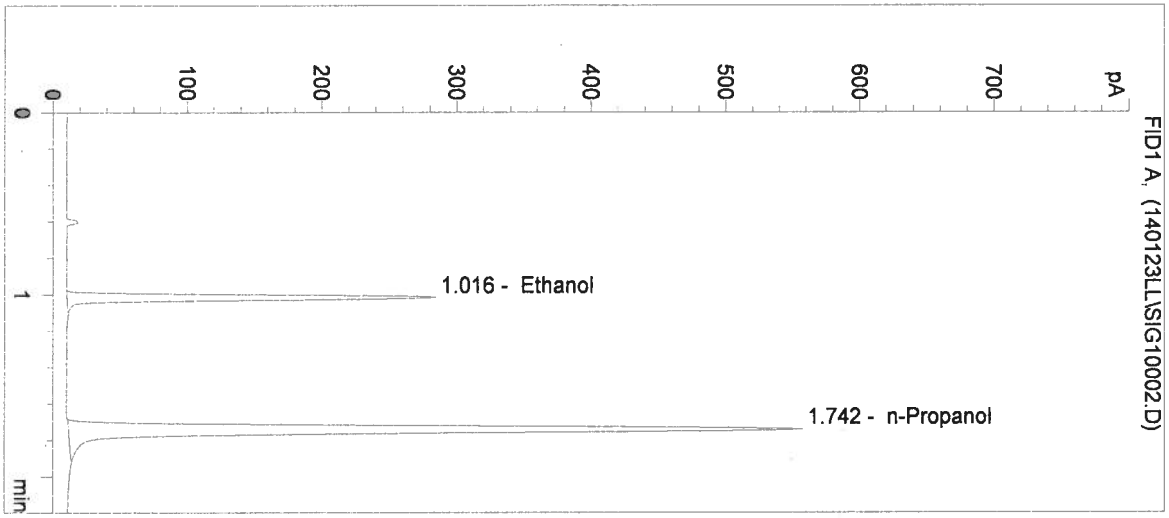


n-Propanol 0.000 g/100mL

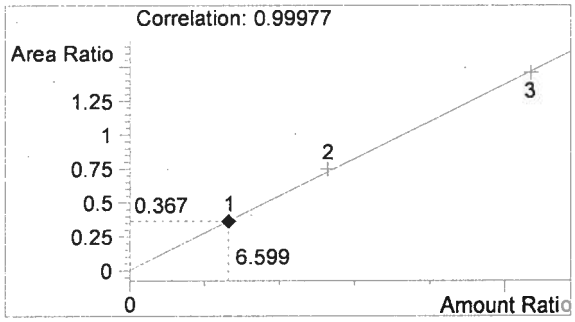
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/23/2014 1:08:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

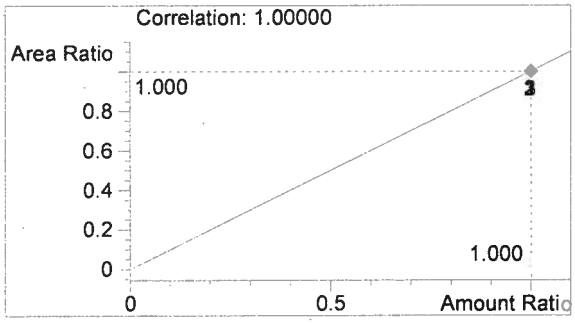
Sample Name: 0.079 CAL 1
Operator: Lyndsey Lowe
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	543	1.016
2	n-Propanol	1479	1.742



Ethanol 0.079 g/100mL



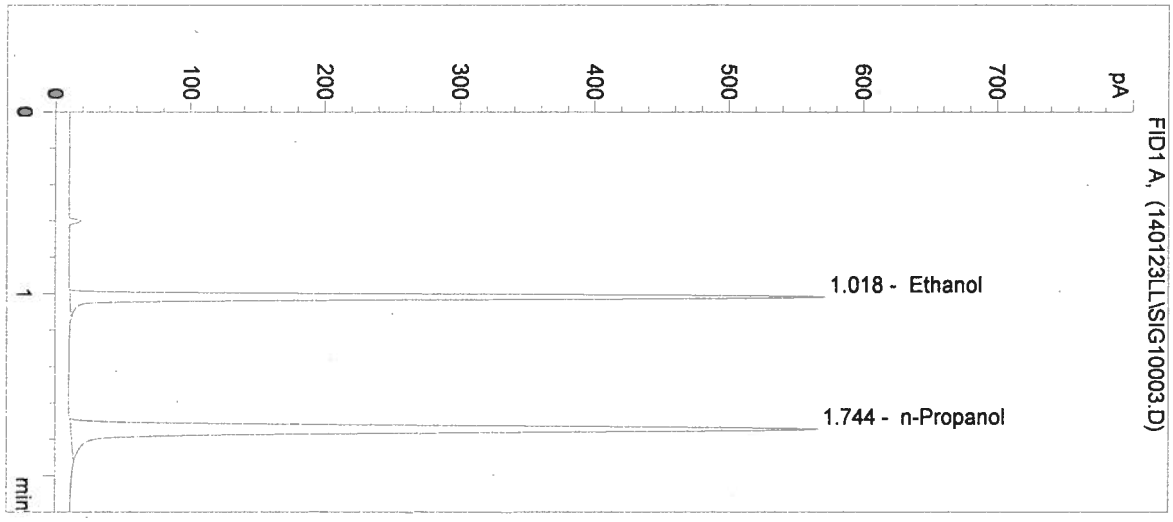
n-Propanol 0.012 g/100mL

14002

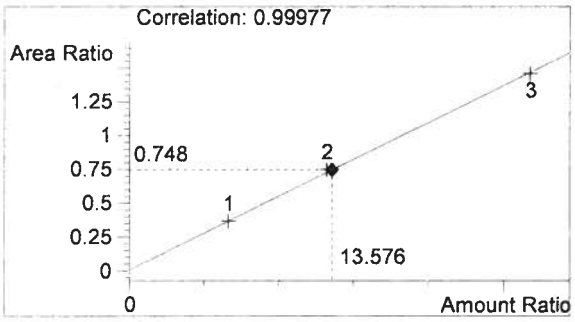
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/23/2014 1:11:57 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

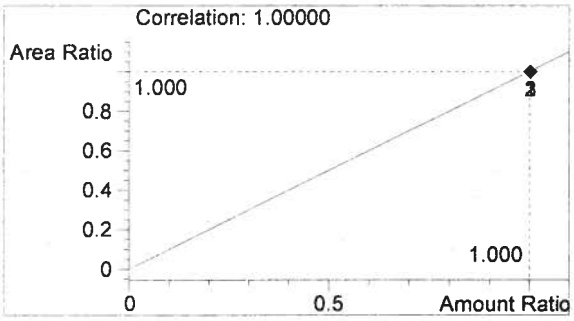


#	Compound	Peak Area	RT (min)
1	Ethanol	1122	1.018
2	n-Propanol	1500	1.744



Ethanol 0.163 g/100mL

14002

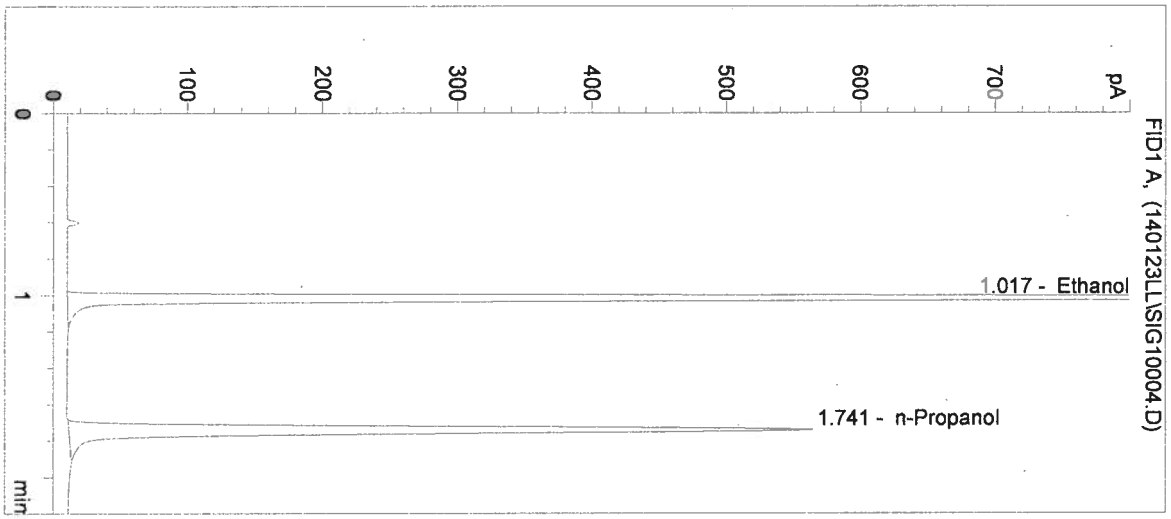


n-Propanol 0.012 g/100mL

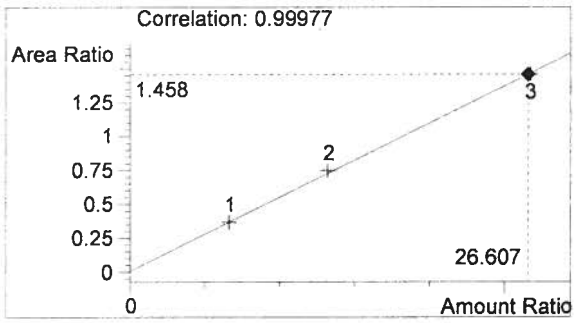
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/23/2014 1:15:04 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

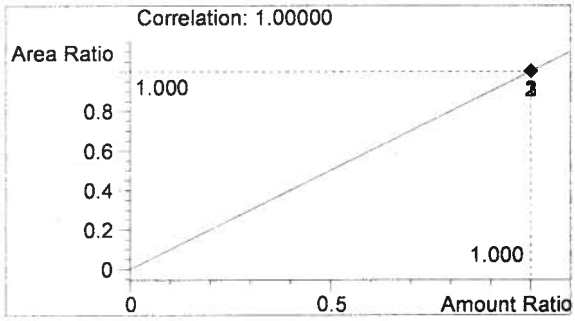


#	Compound	Peak Area	RT (min)
1	Ethanol	2172	1.017
2	n-Propanol	1489	1.741



Ethanol 0.319 g/100mL

14002

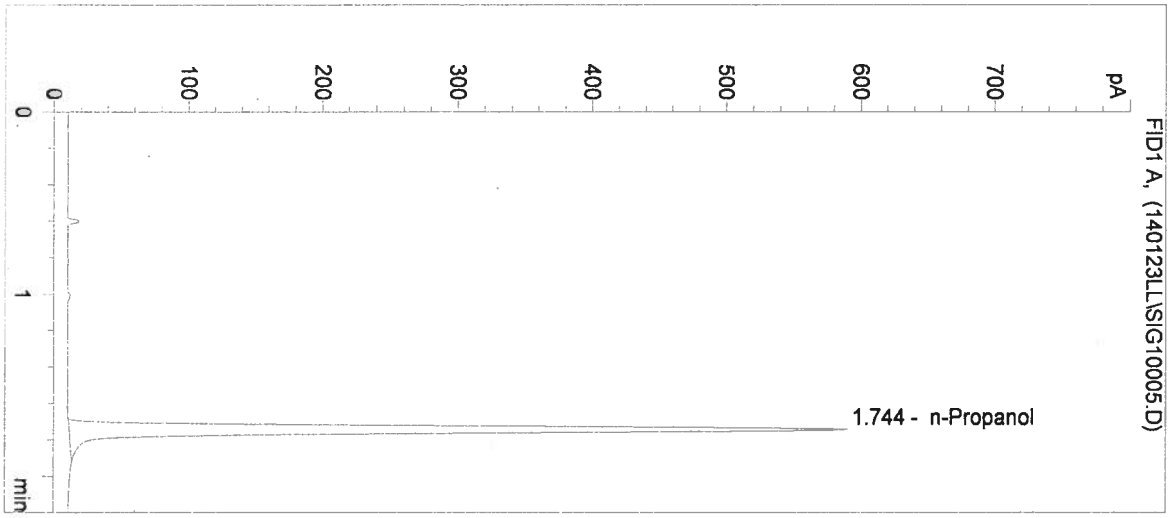


n-Propanol 0.012 g/100mL

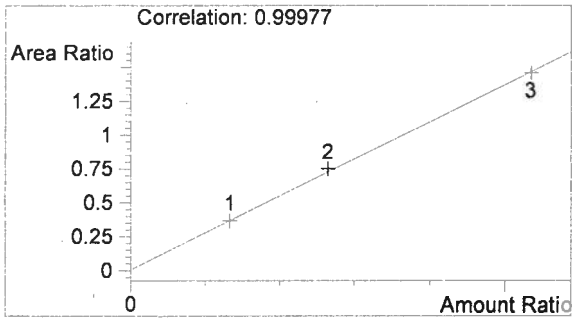
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/23/2014 1:18:12 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

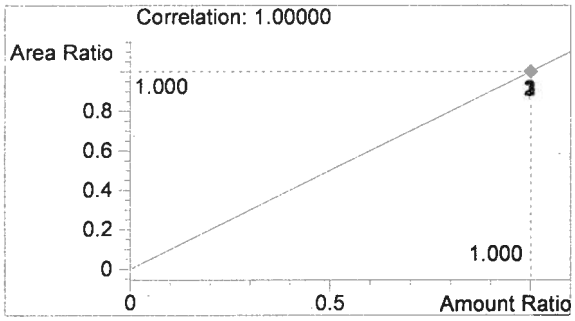


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1565	1.744



Ethanol 0.000 g/100mL

14002

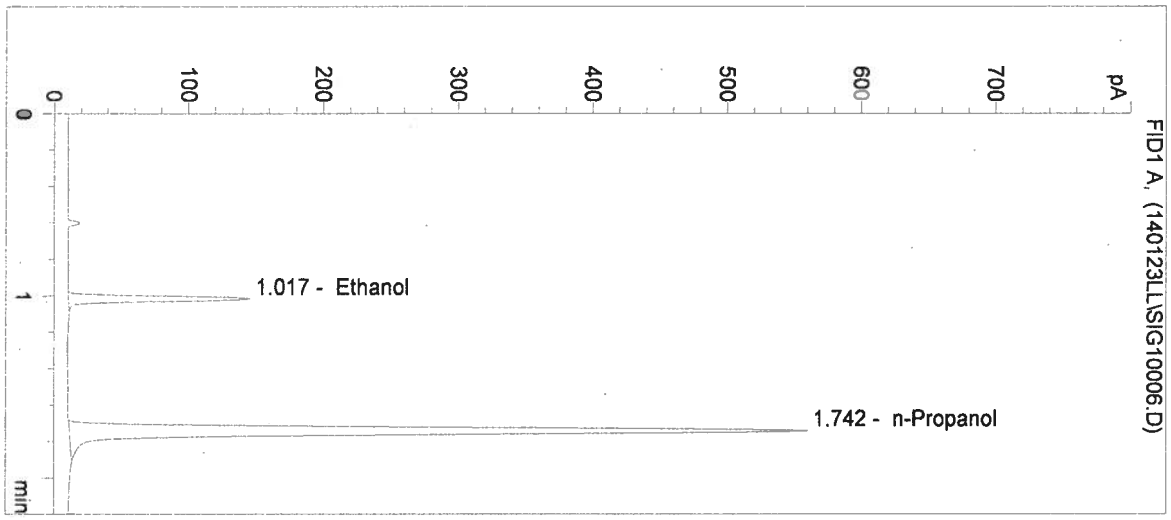


n-Propanol 0.012 g/100mL

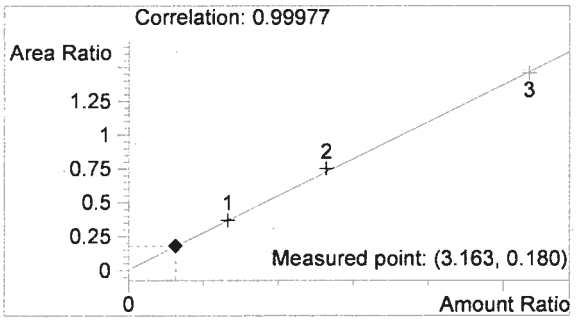
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/23/2014 1:21:19 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

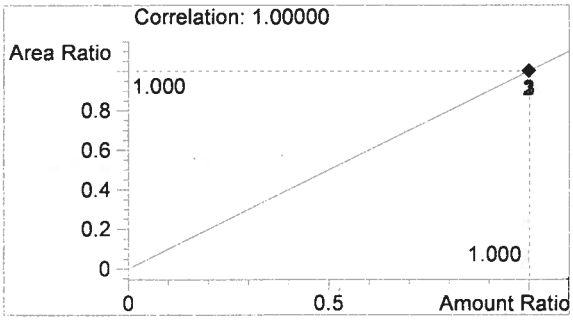


#	Compound	Peak Area	RT (min)
1	Ethanol	266	1.017
2	n-Propanol	1479	1.742



Ethanol 0.038 g/100mL

14002

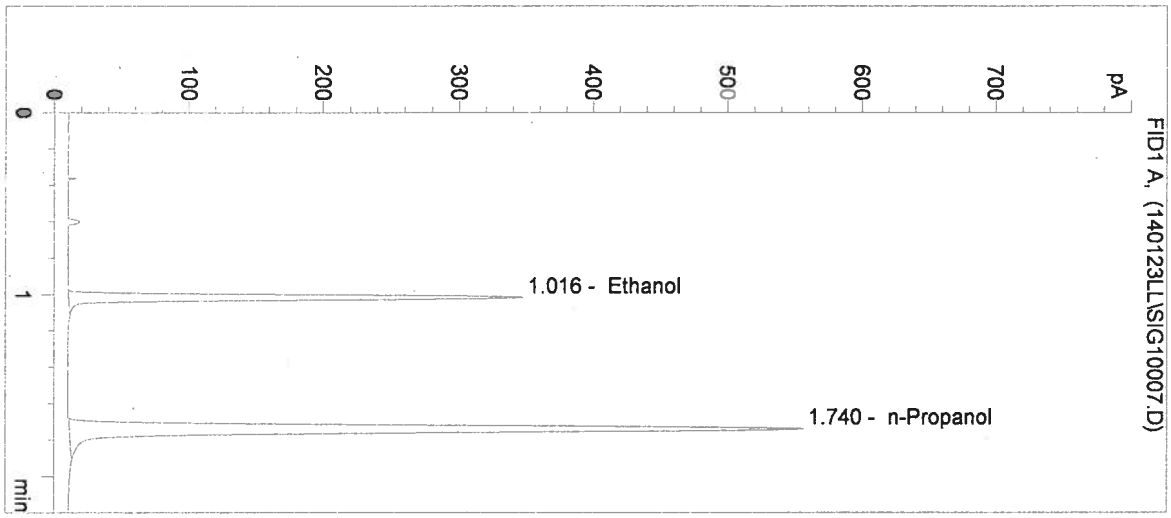


n-Propanol 0.012 g/100mL

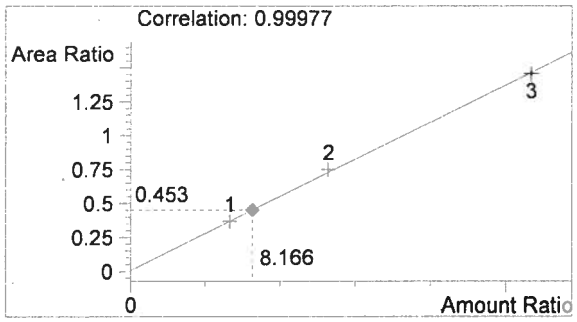
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/23/2014 1:24:27 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

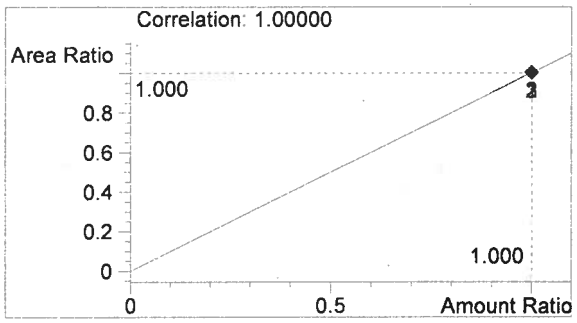


#	Compound	Peak Area	RT (min)
1	Ethanol	666	1.016
2	n-Propanol	1471	1.740



Ethanol 0.098 g/100mL

14002



n-Propanol 0.012 g/100mL

W

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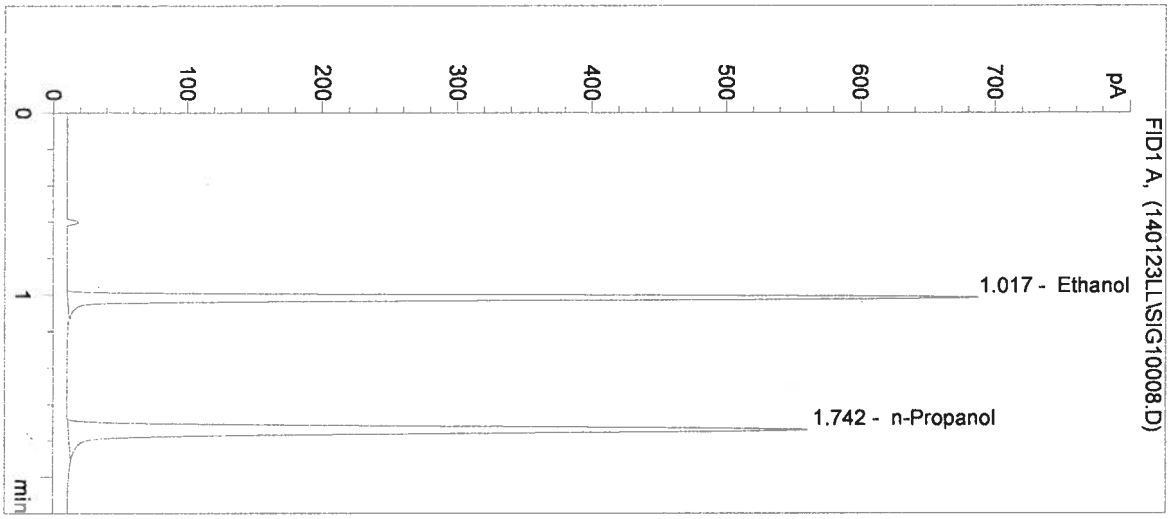
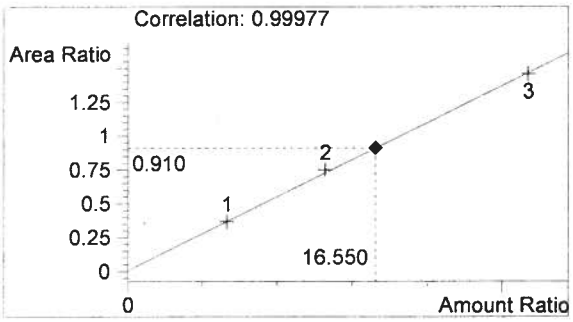
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/23/2014 1:27:34 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

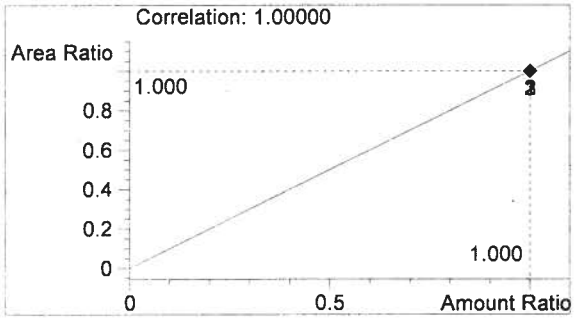


#	Compound	Peak Area	RT (min)
1	Ethanol	1351	1.017
2	n-Propanol	1485	1.742



Ethanol 0.199 g/100mL

14002



n-Propanol 0.012 g/100mL

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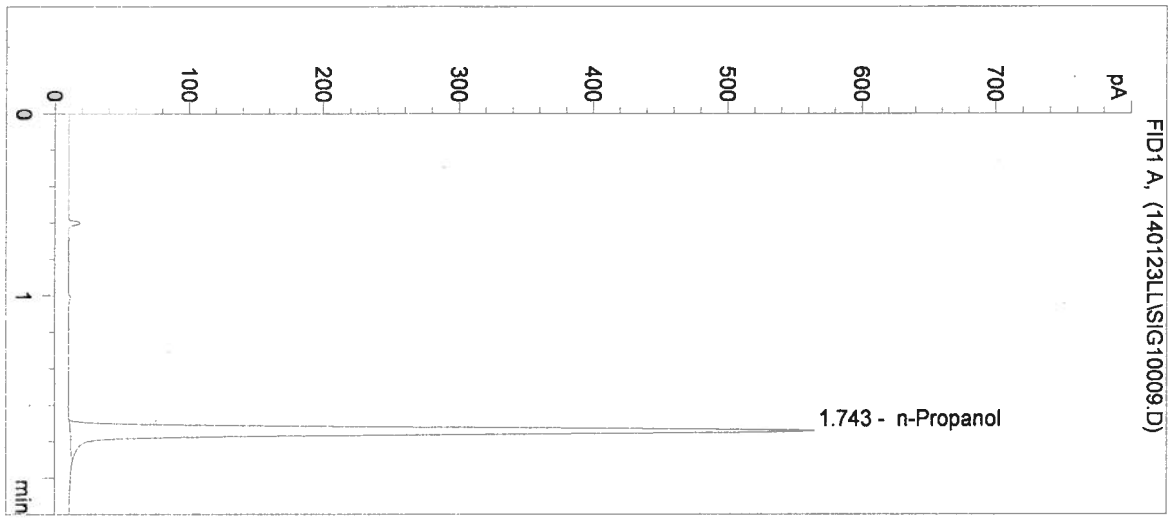
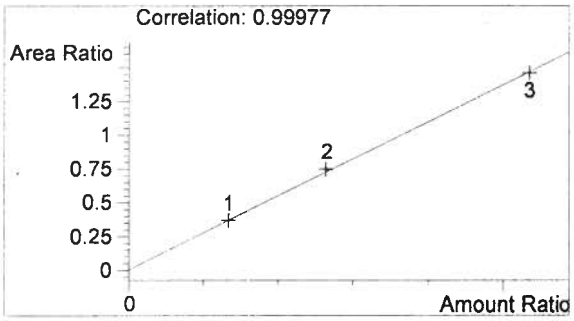
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/23/2014 1:30:42 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

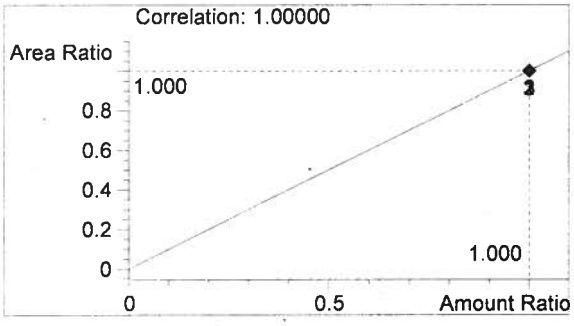


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1493	1.743



Ethanol 0.000 g/100mL

14002



n-Propanol 0.012 g/100mL

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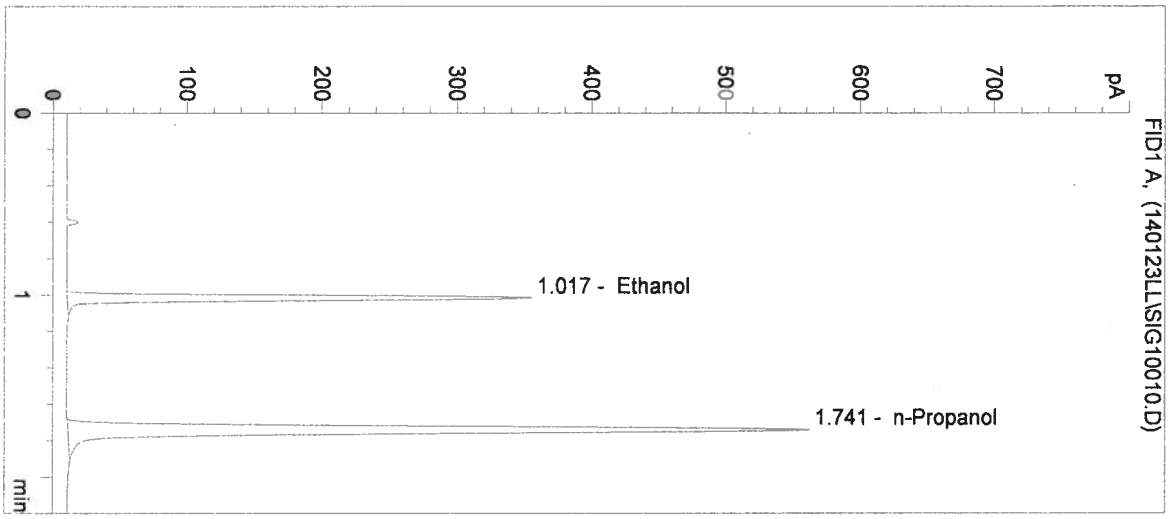
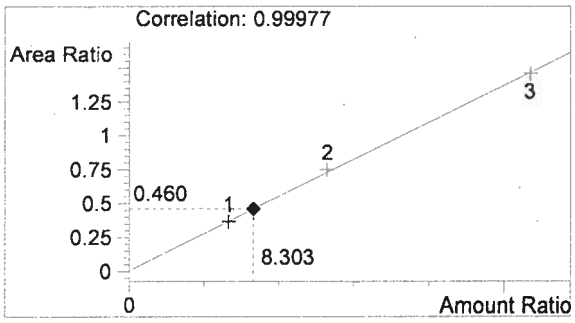
Inj. Date: 1/23/2014 1:33:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

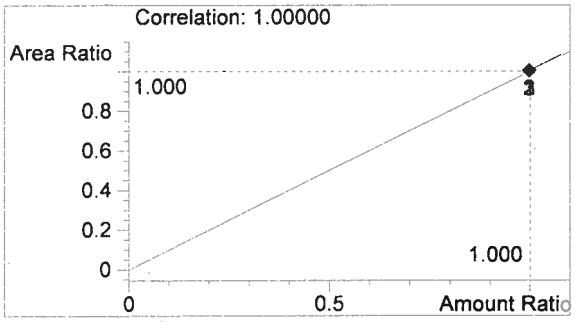
Sample Name: 14002 #1
Operator: Lyndsey Lowe
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	683	1.017
2	n-Propanol	1485	1.741



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

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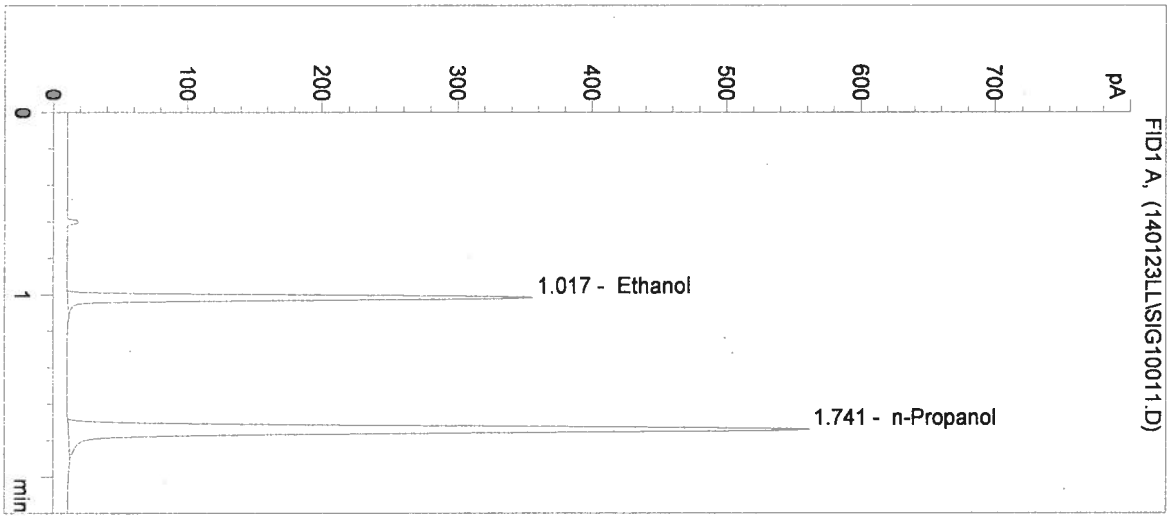
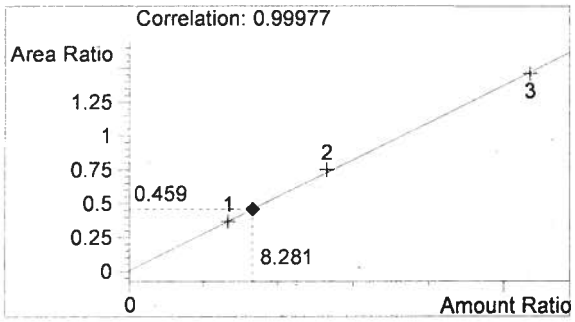
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/23/2014 1:36:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

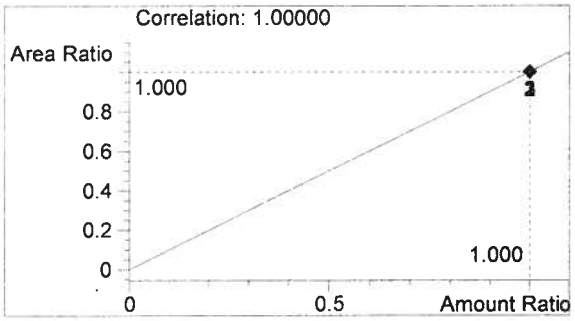
Sample Name: 14002 #2
Operator: Lyndsey Lowe
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	681	1.017
2	n-Propanol	1484	1.741



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

W

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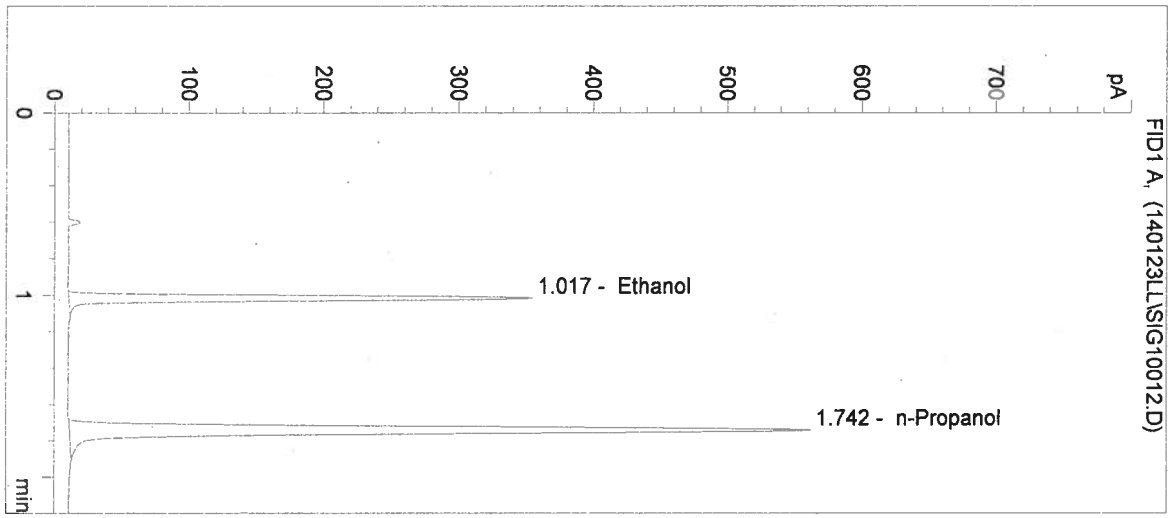
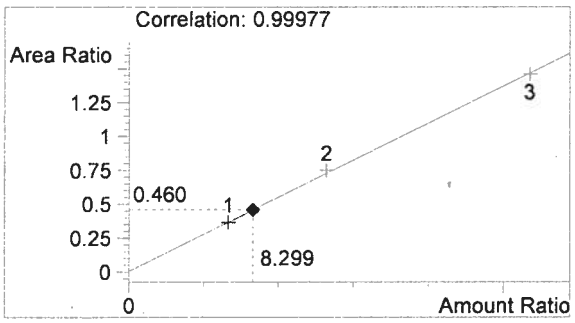
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/23/2014 1:40:04 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

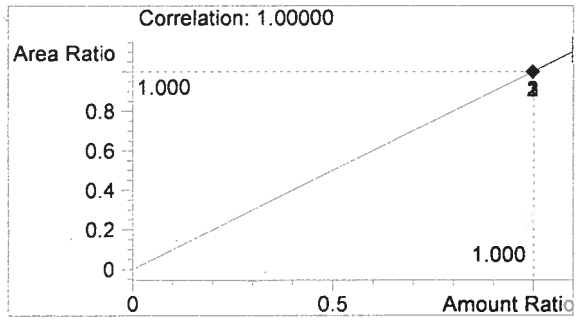
Sample Name: 14002 #3
Operator: Lyndsey Lowe
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	682	1.017
2	n-Propanol	1484	1.742



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

W

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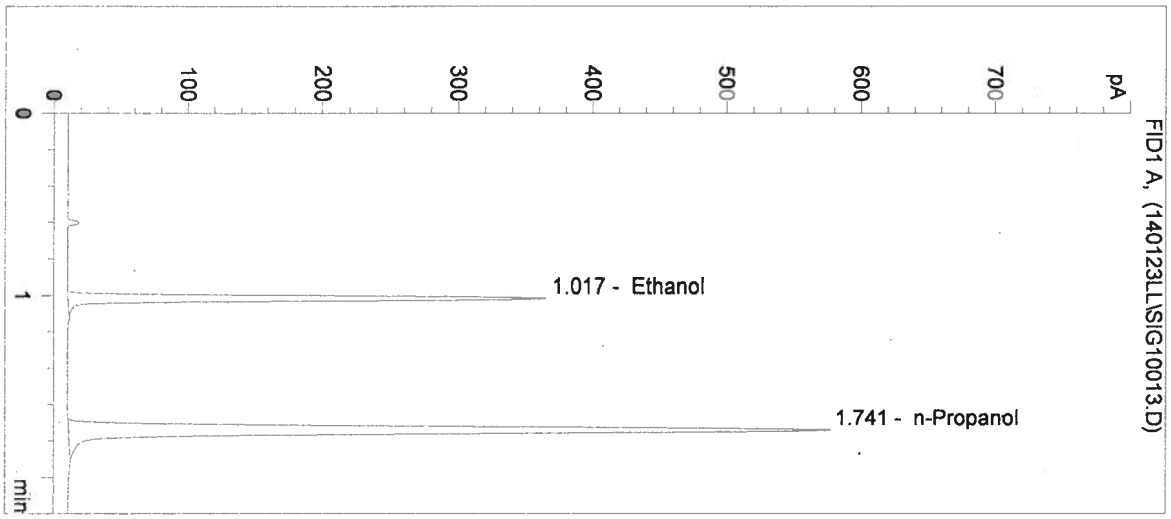
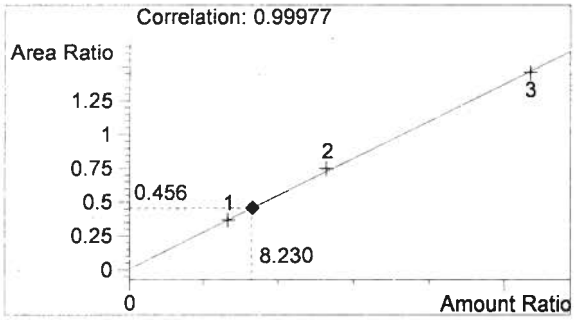
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/23/2014 1:43:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

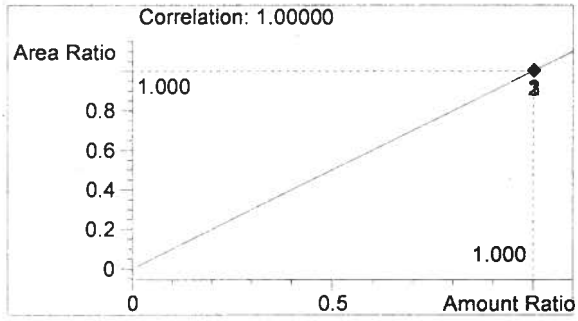
Sample Name: 14002 #4
Operator: Lyndsey Lowe
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	695	1.017
2	n-Propanol	1523	1.741



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

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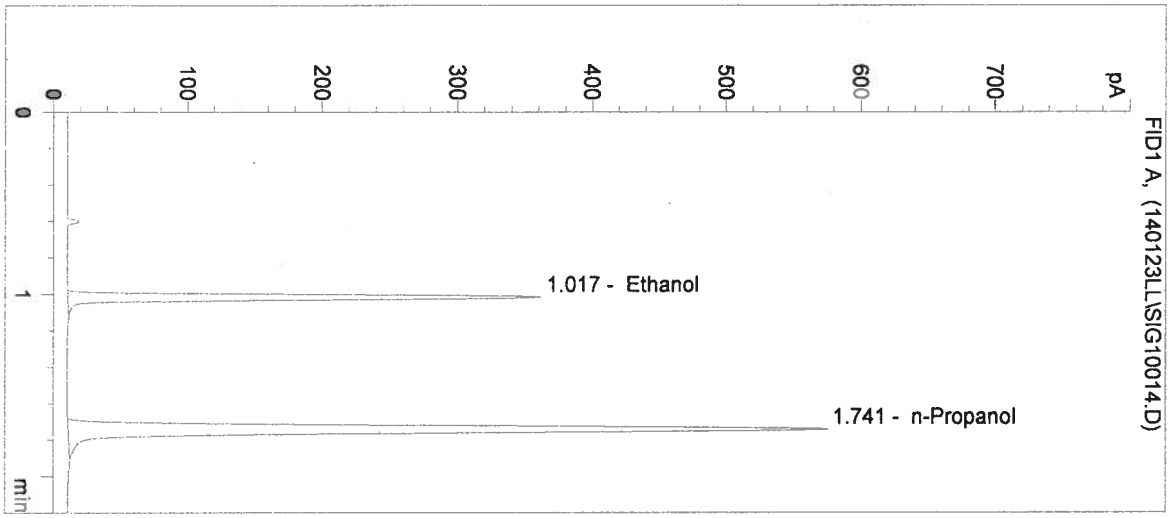
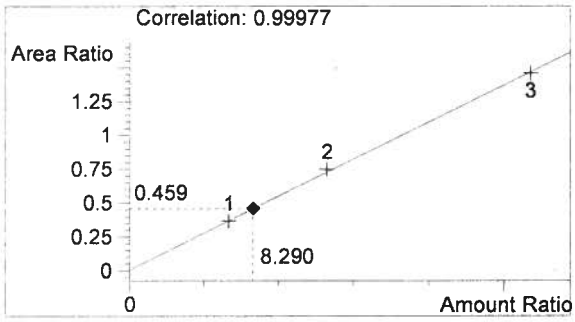
Inj. Date: 1/23/2014 1:46:19 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

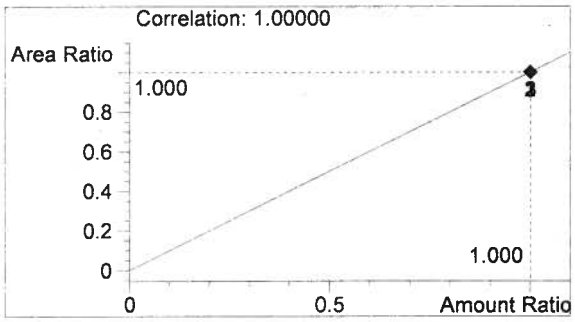
Sample Name: 14002 #5
Operator: Lyndsey Lowe
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	699	1.017
2	n-Propanol	1521	1.741



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

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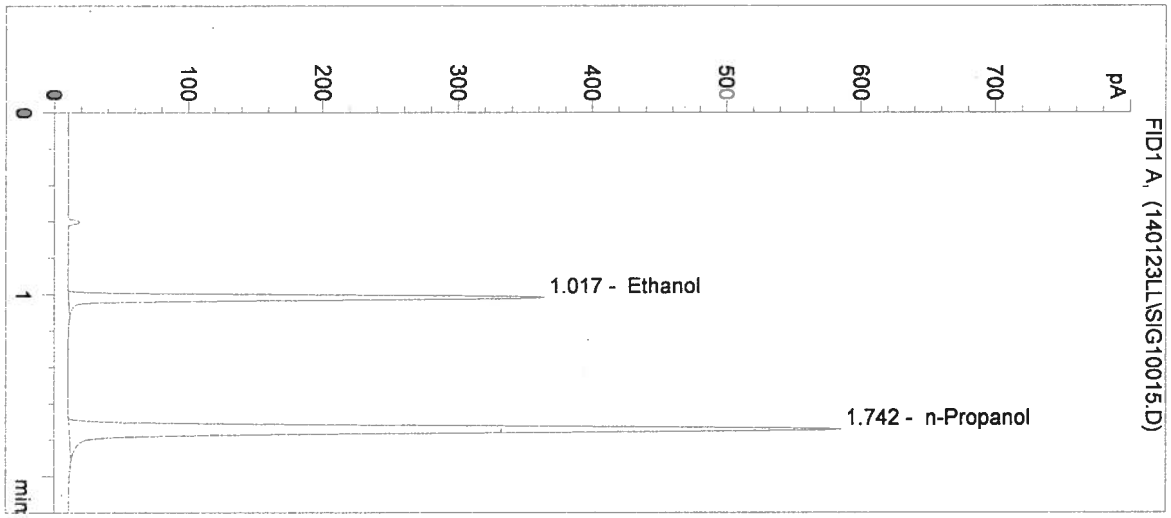
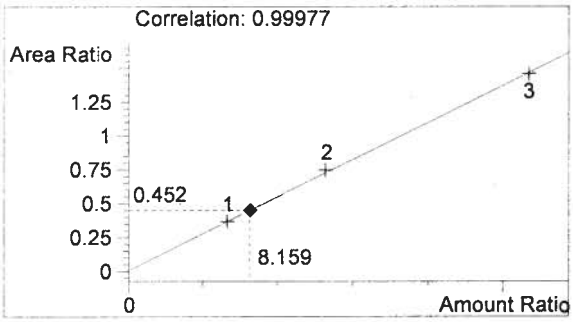
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/23/2014 1:49:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

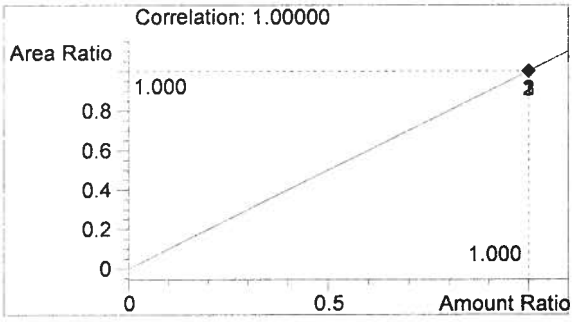
Sample Name: 0.10 CTRL
Operator: Lyndsey Lowe
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	698	1.017
2	n-Propanol	1544	1.742



Ethanol 0.098 g/100mL



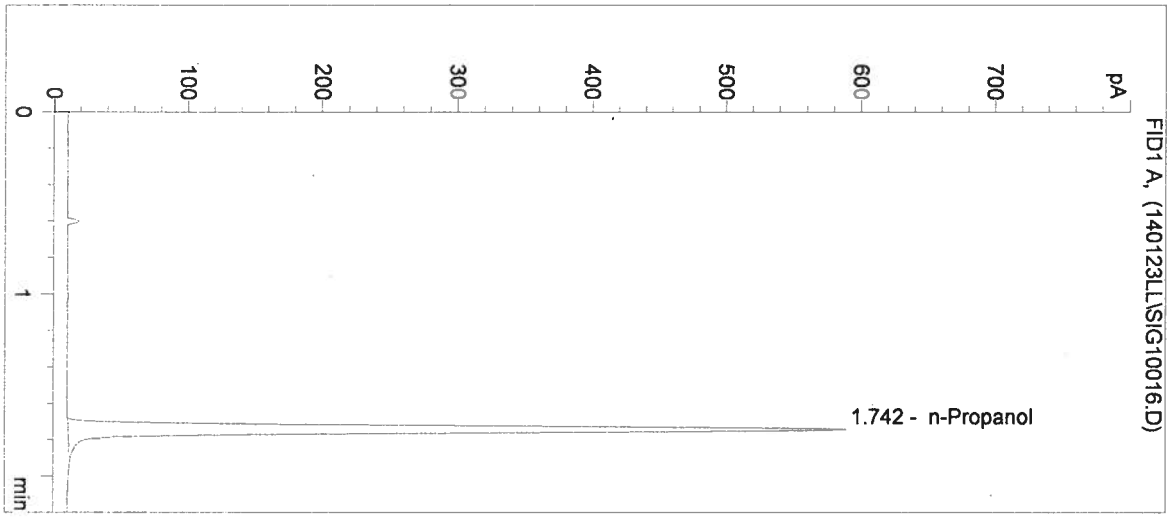
n-Propanol 0.012 g/100mL

14002

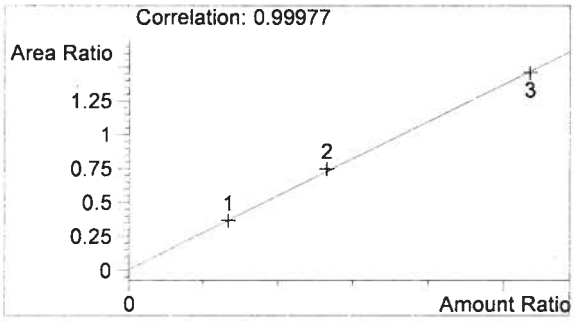
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/23/2014 1:52:34 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

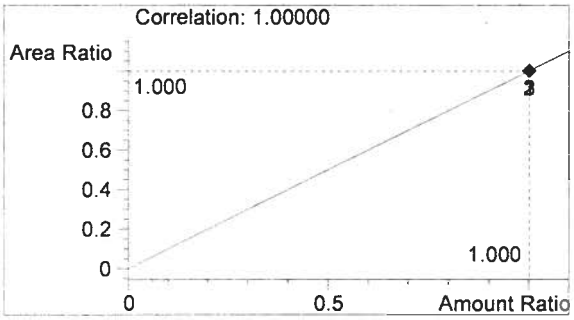


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1552	1.742



Ethanol 0.000 g/100mL

14002



n-Propanol 0.012 g/100mL

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:	140127SS
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. 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	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	14002 #1	SIMALC3	1	Sample		
11	Vial 11	14002 #2	SIMALC3	1	Sample		
12	Vial 12	14002 #3	SIMALC3	1	Sample		
13	Vial 13	14002 #4	SIMALC3	1	Sample		
14	Vial 14	14002 #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!

14002

SMS

Method C:\HPCHEM\2\METHODS\SIMALC3.M

Calibration Table

Calib. Data Modified : Monday, January 27, 2014 1:09:05 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	592.38007	1.35099e-4		1	Ethanol
		2	1.58560e-1	1085.79675	1.46031e-4			
		3	3.21220e-1	2144.71240	1.49773e-4			
1.740	1	1	1.20000e-2	1518.75293	7.90122e-6		I1	n-Propanol
		2	1.20000e-2	1414.93347	8.48096e-6			
		3	1.20000e-2	1437.33179	8.34880e-6			

14002

Peak Sum Table

No Entries in table

SMS

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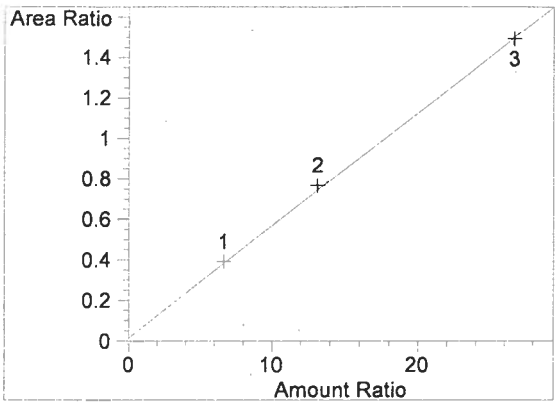
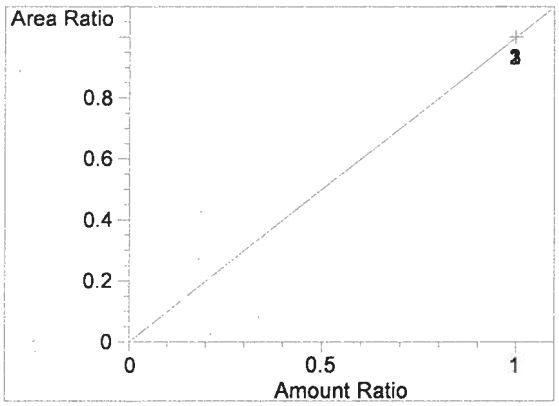
Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99972
Residual Std. Dev.: 0.01840
Formula: y = mx + b
m: 5.56320e-2
b: 1.35746e-2
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

==========

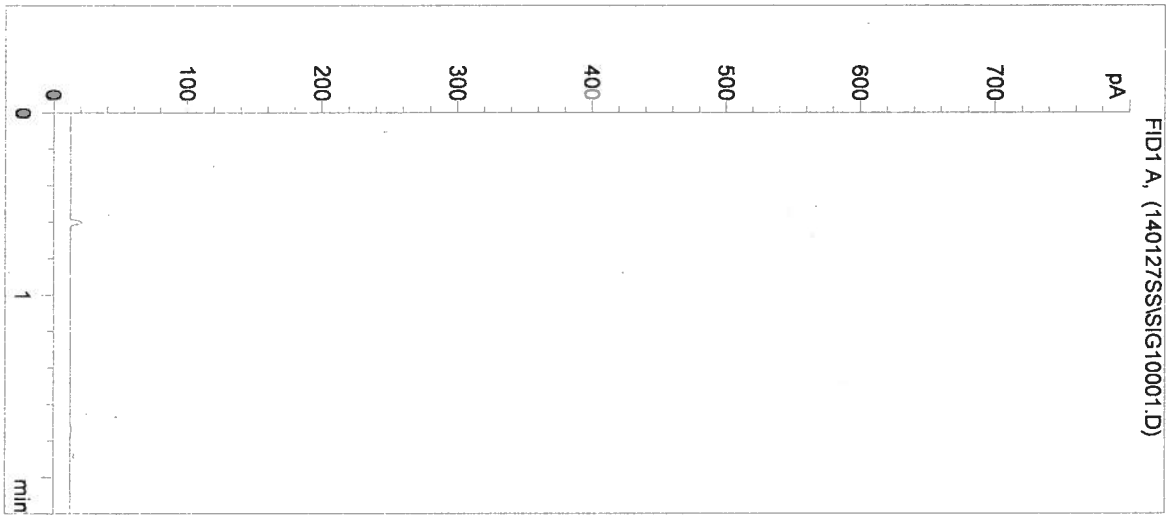
14002

SMS

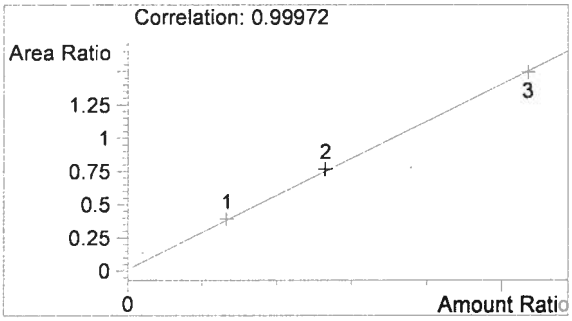
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 12:57:30 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

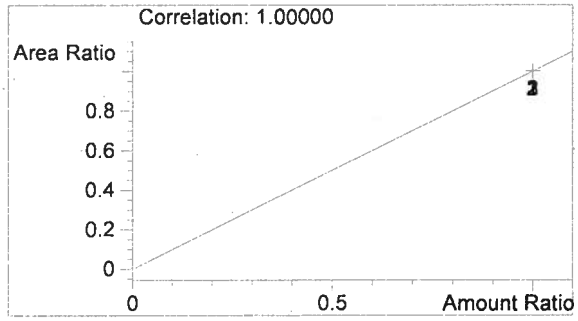


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14002



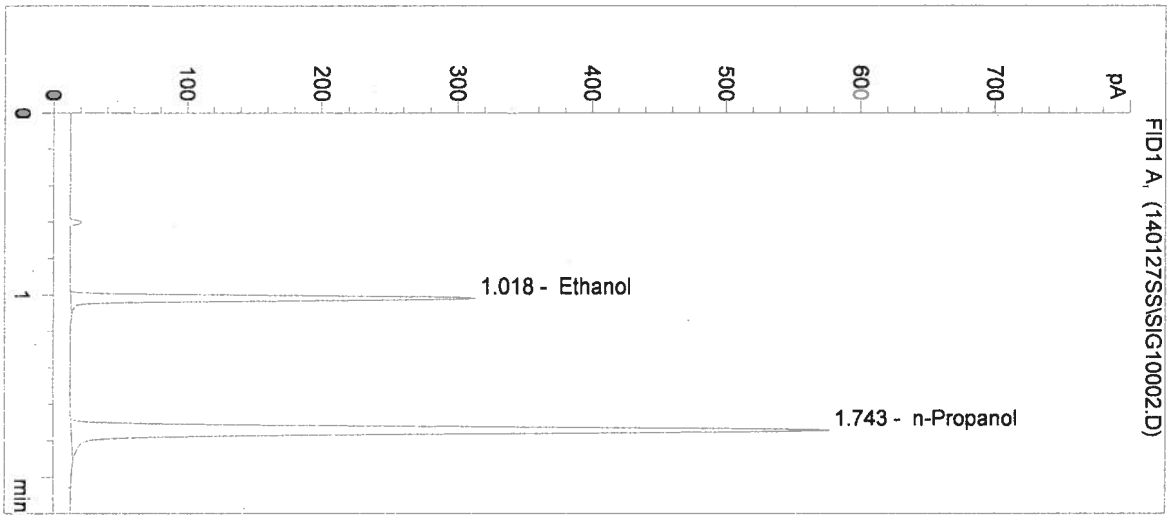
n-Propanol 0.000 g/100mL

945

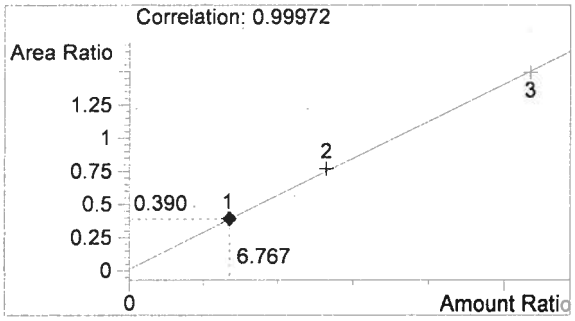
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 1:00:38 PM
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

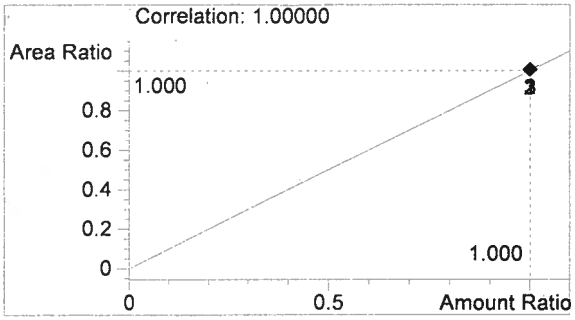


#	Compound	Peak Area	RT (min)
1	Ethanol	592	1.018
2	n-Propanol	1519	1.743



Ethanol 0.081 g/100mL

14002



n-Propanol 0.012 g/100mL

SMS

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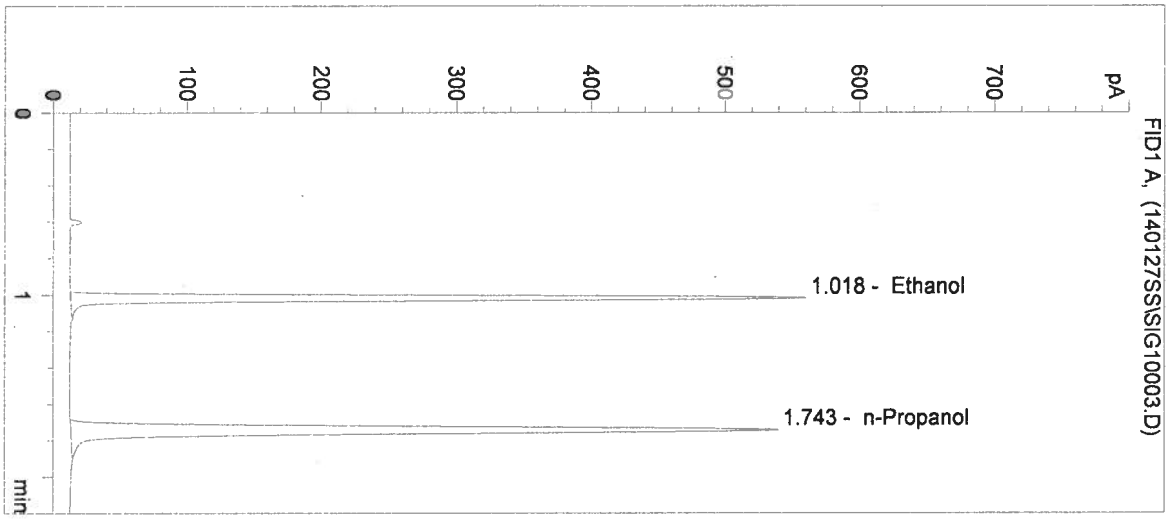
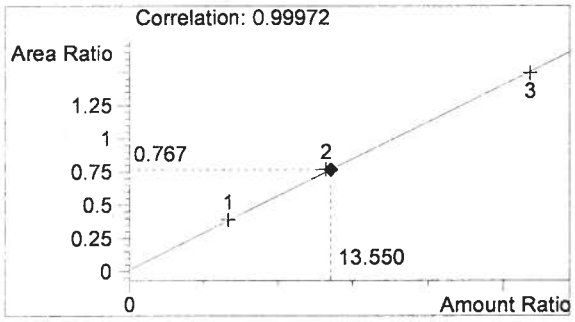
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 1:03:45 PM
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

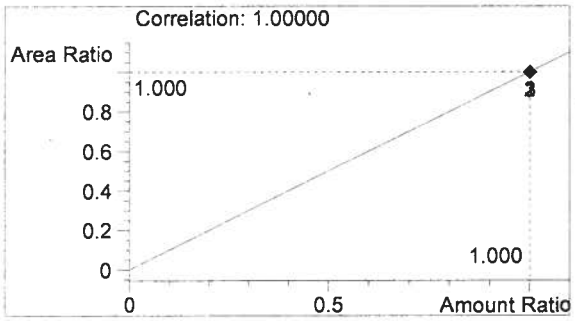


#	Compound	Peak Area	RT (min)
1	Ethanol	1086	1.018
2	n-Propanol	1415	1.743



Ethanol 0.163 g/100mL

14002



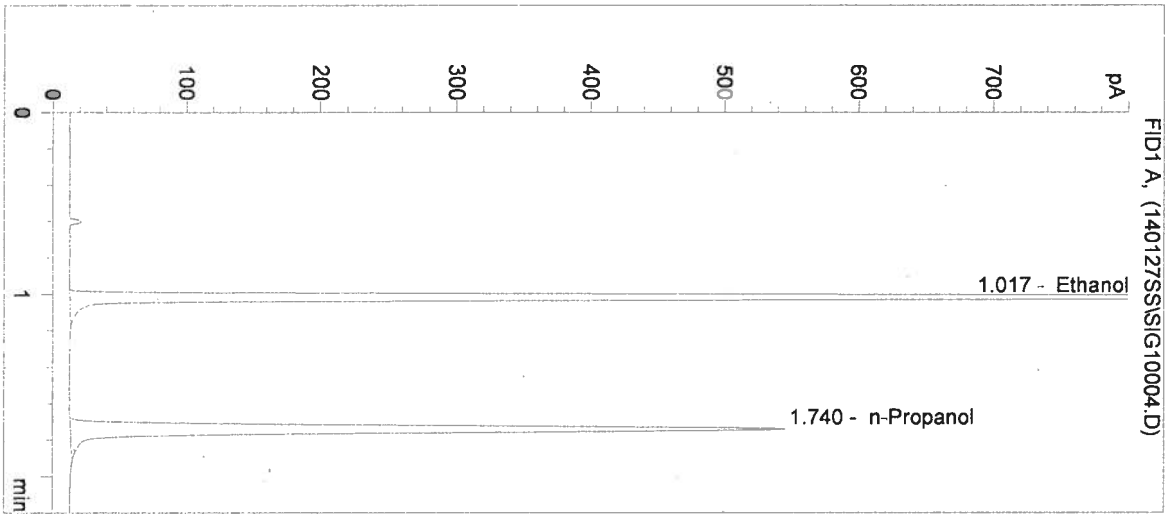
n-Propanol 0.012 g/100mL

SMS

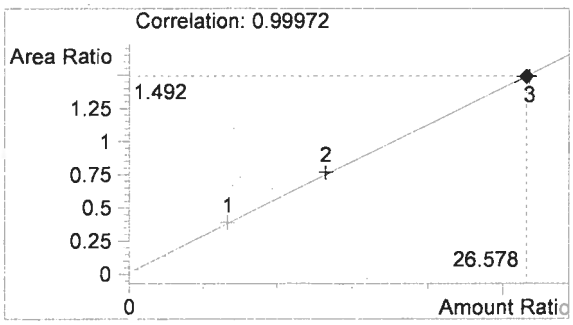
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 1:06:53 PM
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

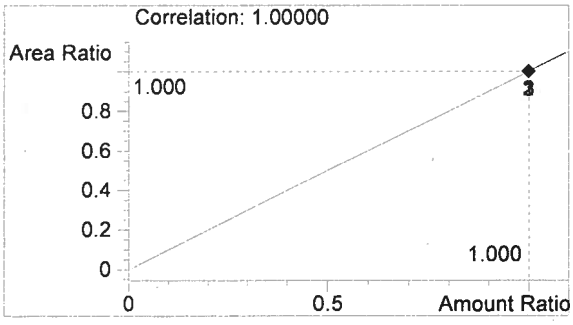


#	Compound	Peak Area	RT (min)
1	Ethanol	2145	1.017
2	n-Propanol	1437	1.740



Ethanol 0.319 g/100mL

14002



n-Propanol 0.012 g/100mL

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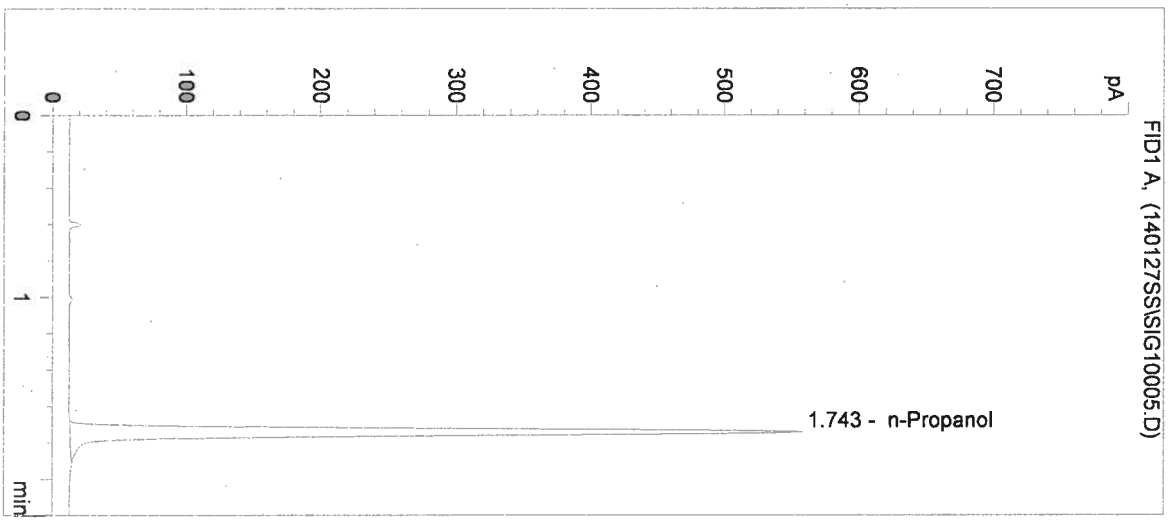
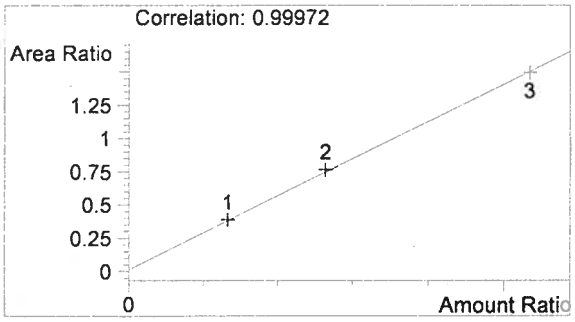
Inj. Date: 1/27/2014 1:10:01 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

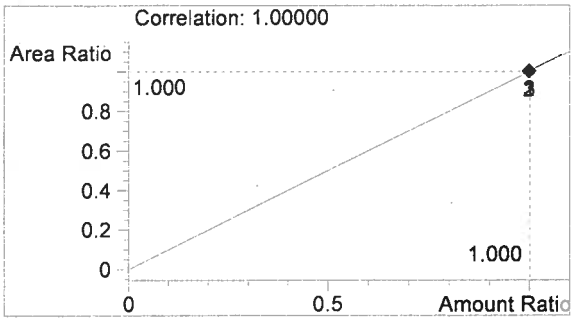


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1477	1.743



Ethanol 0.000 g/100mL

14002



n-Propanol 0.012 g/100mL

SJS

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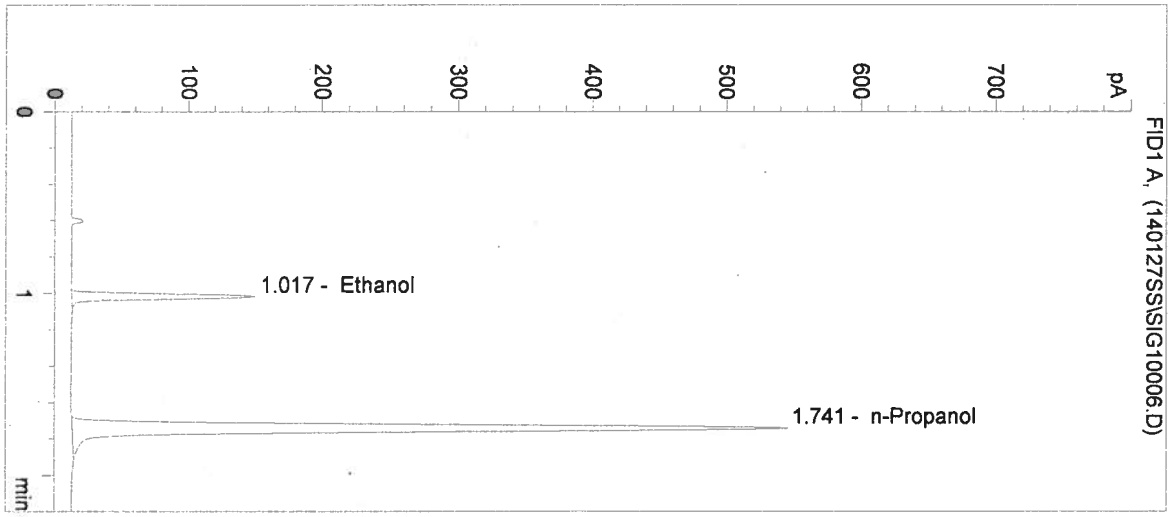
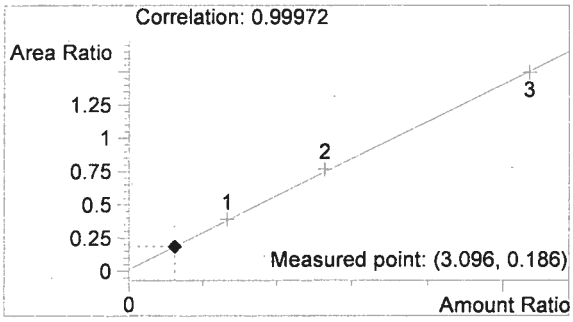
Inj. Date: 1/27/2014 1:13:08 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

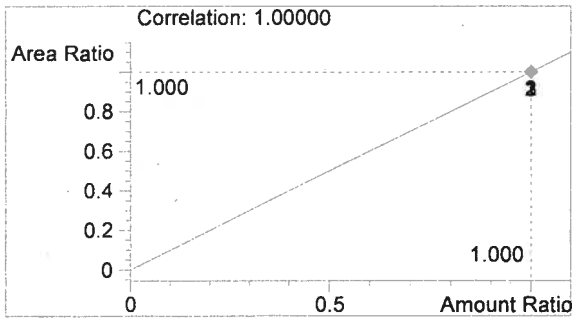


#	Compound	Peak Area	RT (min)
1	Ethanol	268	1.017
2	n-Propanol	1443	1.741



Ethanol 0.037 g/100mL

14002



n-Propanol 0.012 g/100mL

SMS

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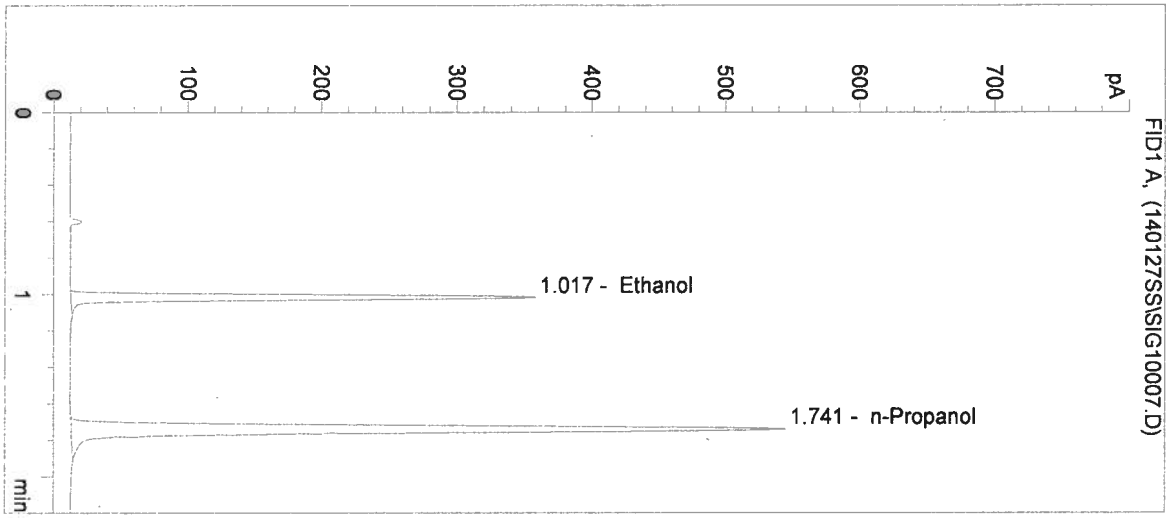
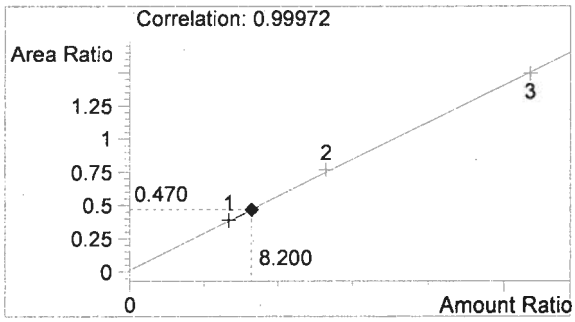
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 1:16:16 PM
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

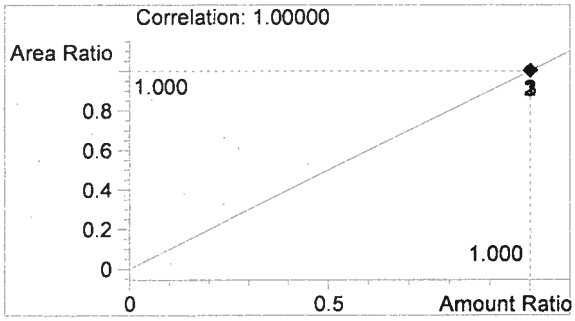


#	Compound	Peak Area	RT (min)
1	Ethanol	676	1.017
2	n-Propanol	1440	1.741



Ethanol 0.098 g/100mL

14002



n-Propanol 0.012 g/100mL

SMS

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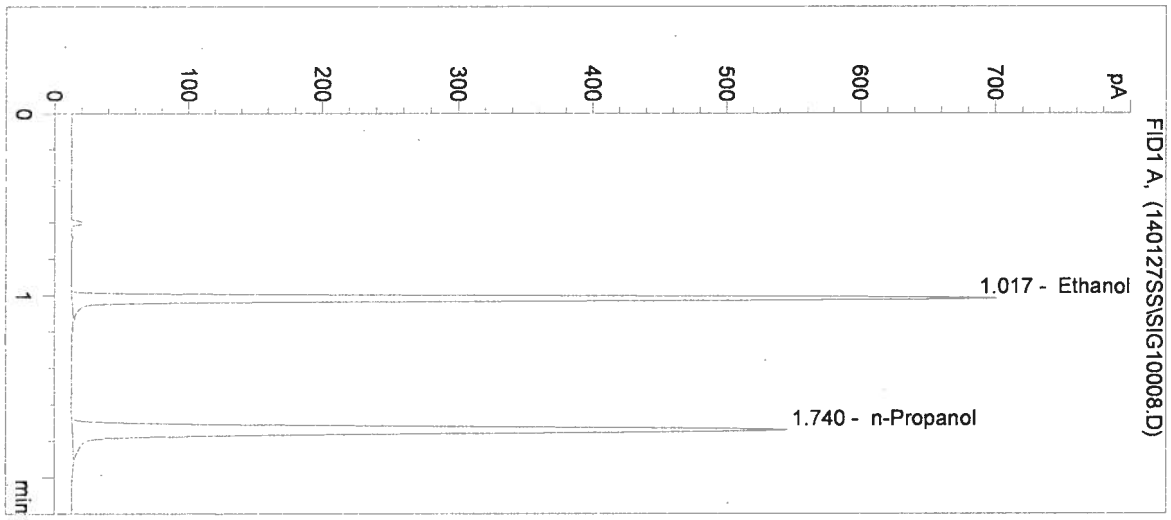
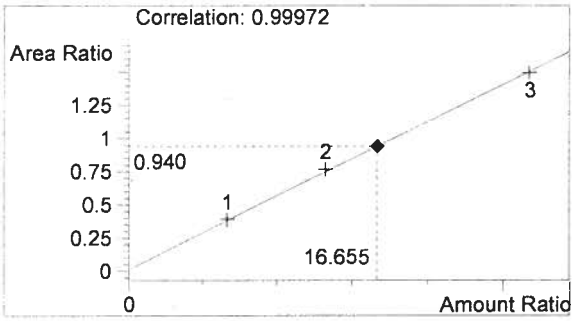
Inj. Date: 1/27/2014 1:19:23 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

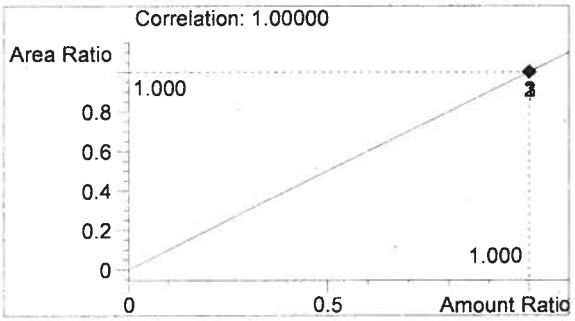


#	Compound	Peak Area	RT (min)
1	Ethanol	1352	1.017
2	n-Propanol	1439	1.740



Ethanol 0.200 g/100mL

14002



n-Propanol 0.012 g/100mL

gus

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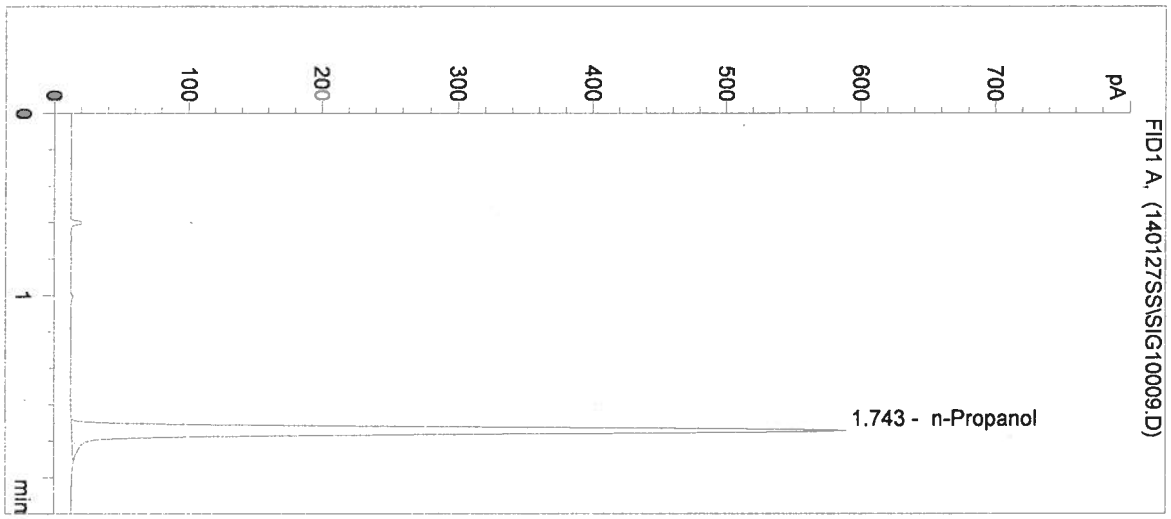
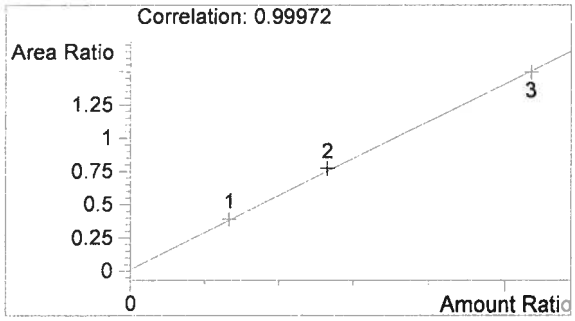
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 1:22:31 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 9

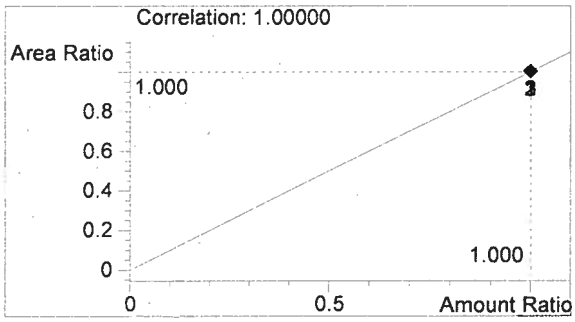


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1562	1.743



Ethanol 0.000 g/100mL

14002



n-Propanol 0.012 g/100mL

SMS

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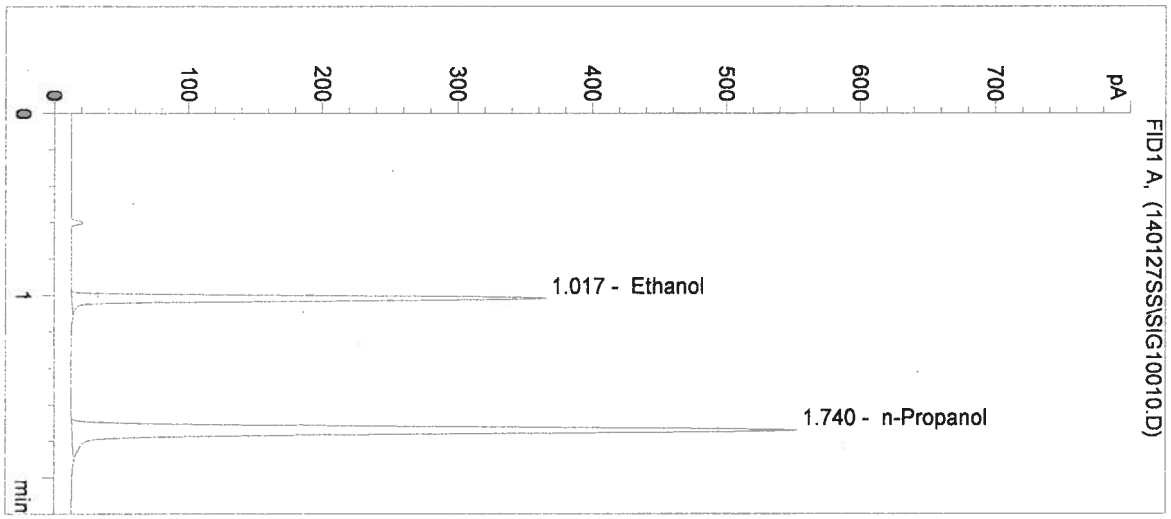
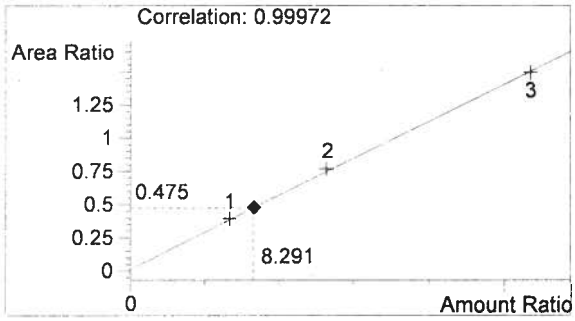
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 1:25:39 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

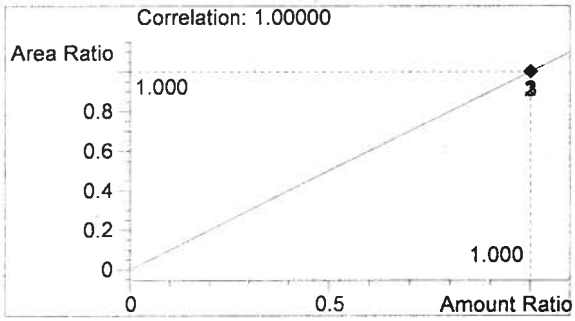
Sample Name: 14002 #1
Operator: Sarah Swenson
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	695	1.017
2	n-Propanol	1463	1.740



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

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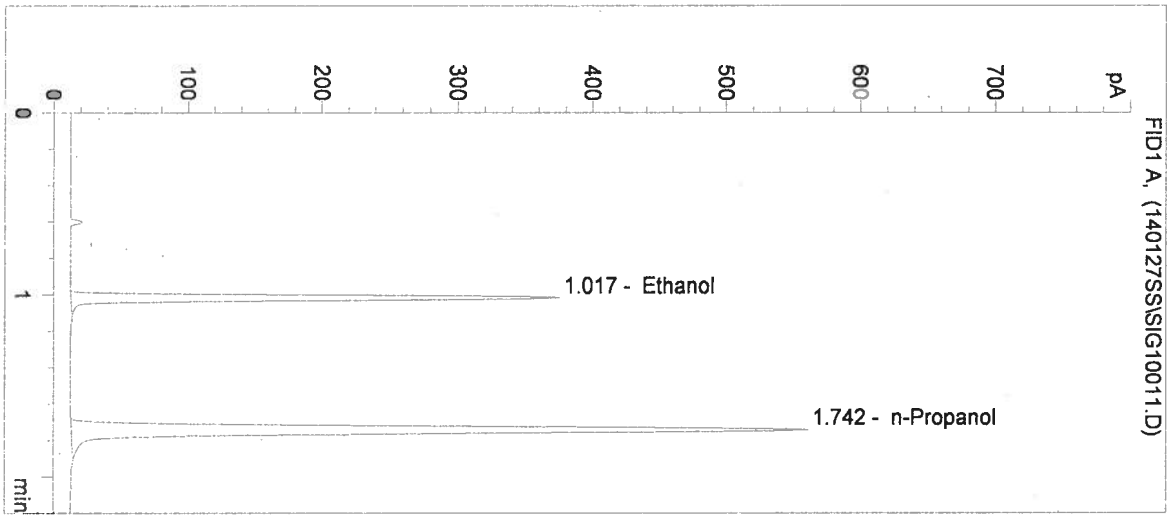
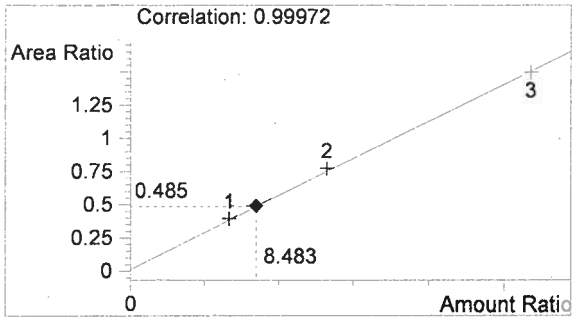
Inj. Date: 1/27/2014 1:28:46 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

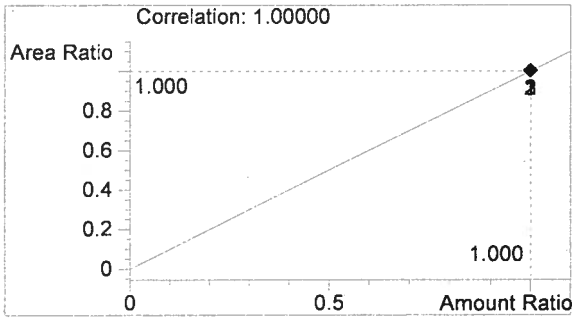
Sample Name: 14002 #2
Operator: Sarah Swenson
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	718	1.017
2	n-Propanol	1480	1.742



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

SMS

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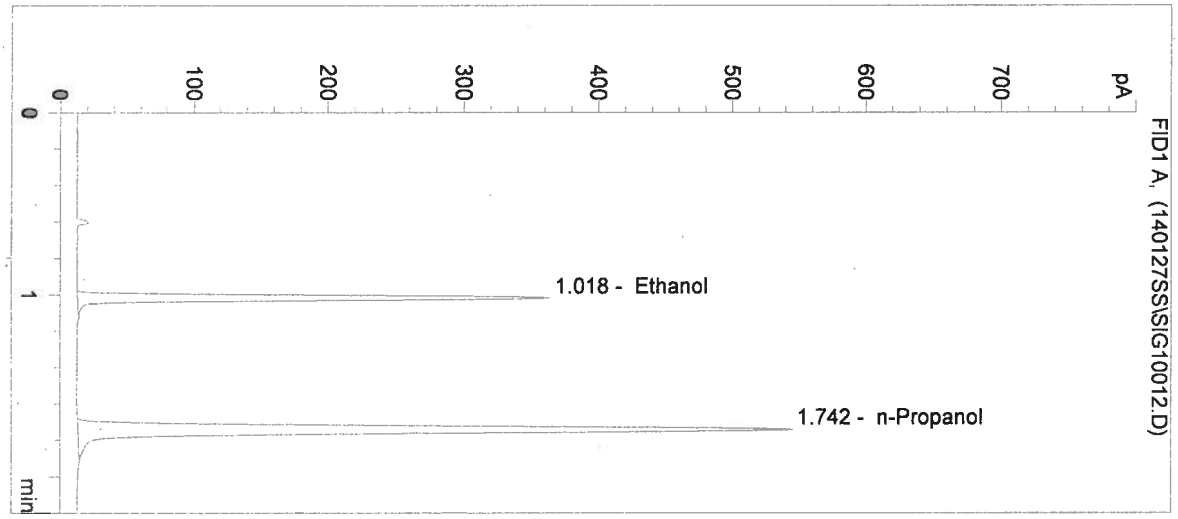
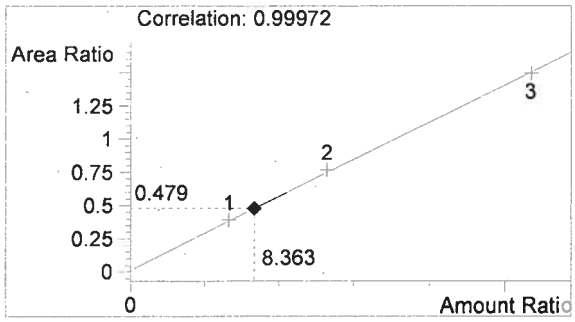
Inj. Date: 1/27/2014 1:31:54 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

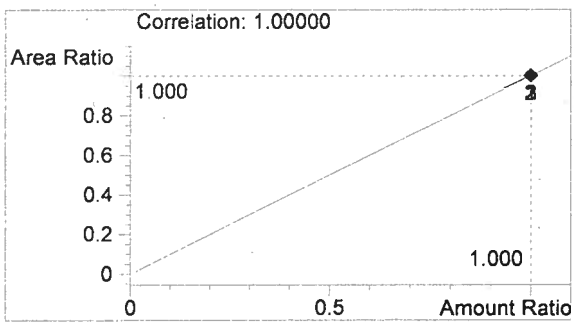
Sample Name: 14002 #3
Operator: Sarah Swenson
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	689	1.018
2	n-Propanol	1438	1.742



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

SMS

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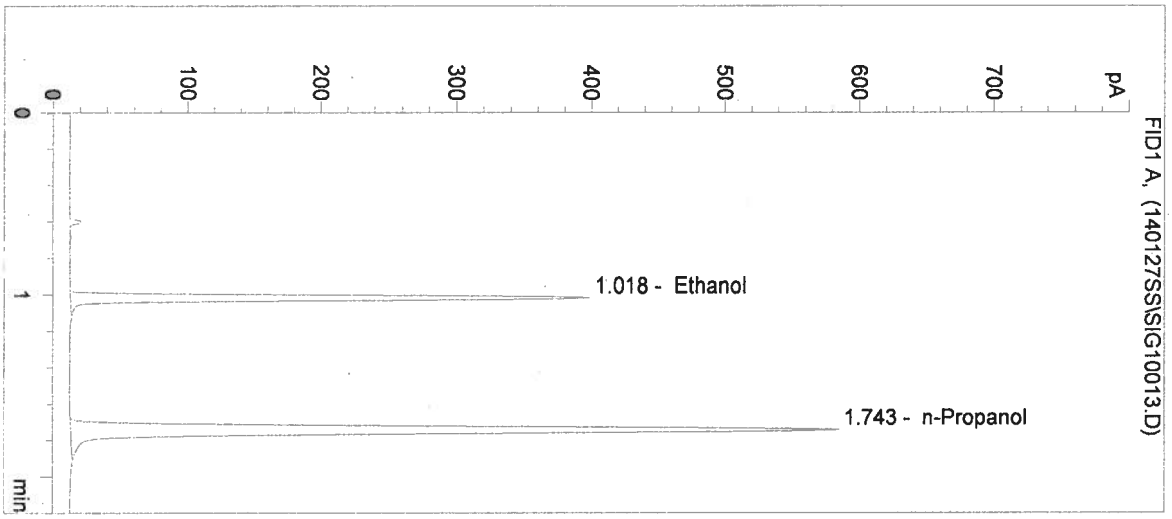
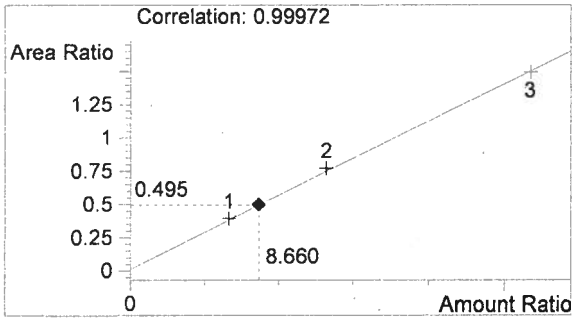
Inj. Date: 1/27/2014 1:35:01 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

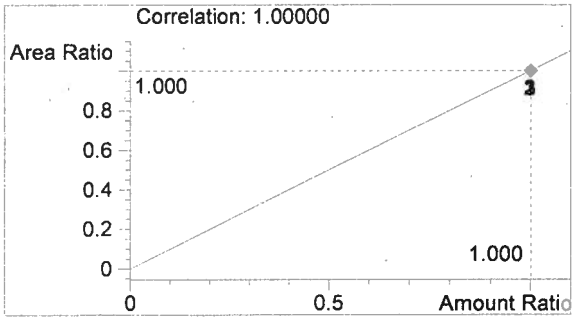
Sample Name: 14002 #4
Operator: Sarah Swenson
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	764	1.018
2	n-Propanol	1542	1.743



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

SMS

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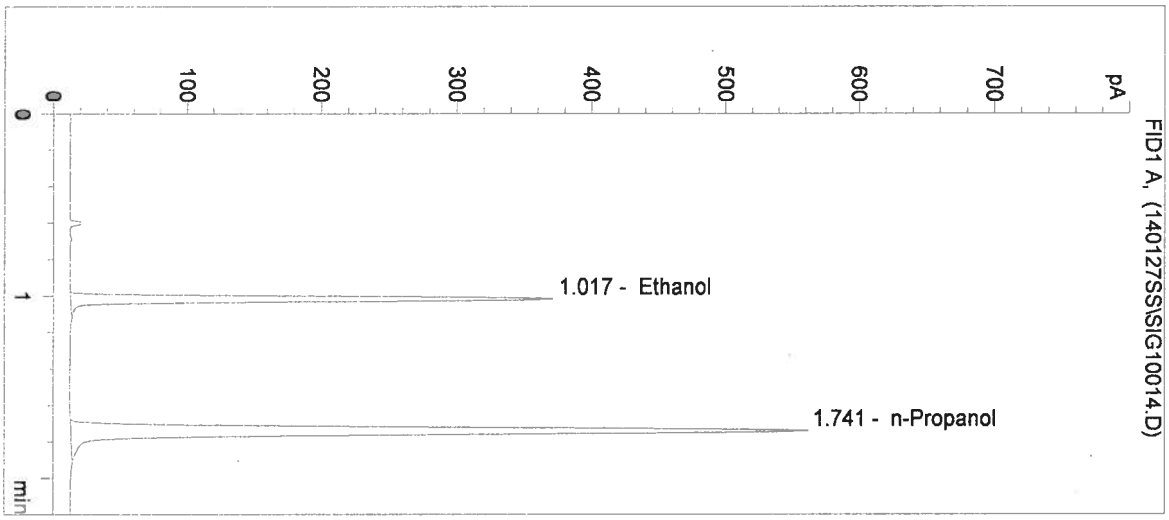
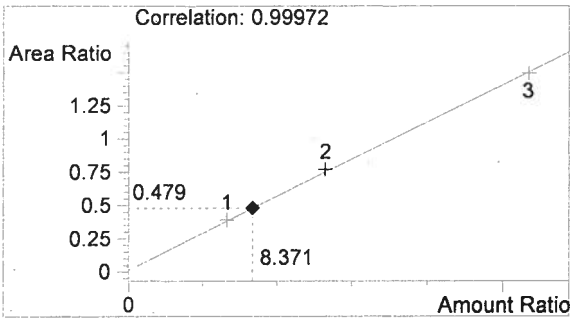
Inj. Date: 1/27/2014 1:38:09 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

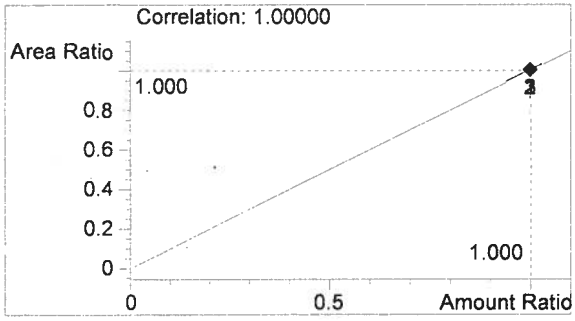
Sample Name: 14002 #5
Operator: Sarah Swenson
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	712	1.017
2	n-Propanol	1486	1.741



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

SMS

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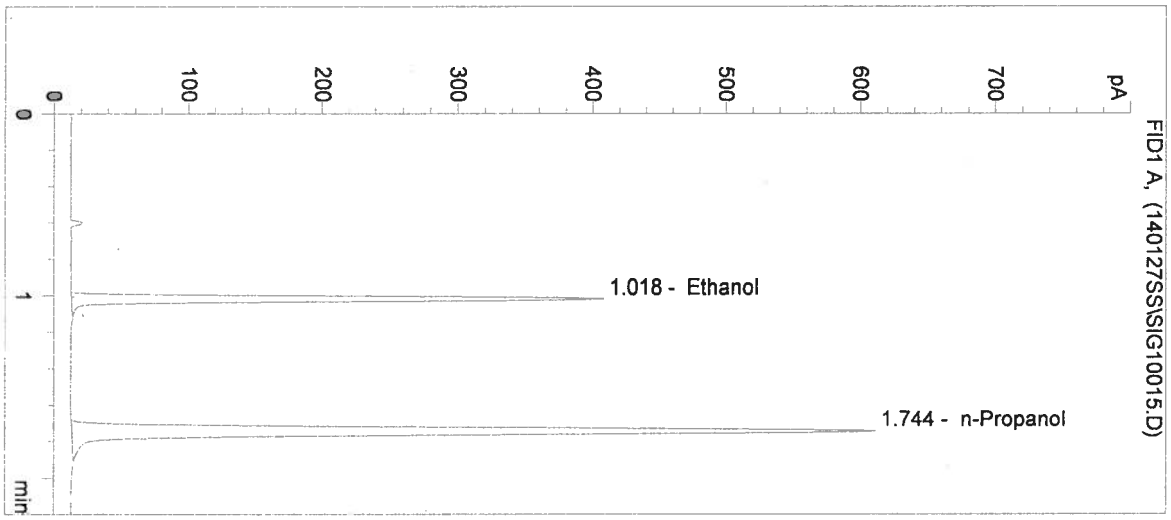
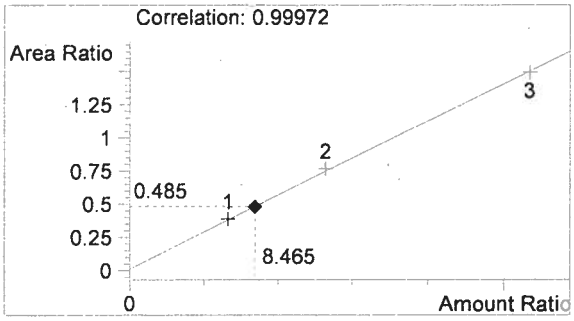
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 1:41:16 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

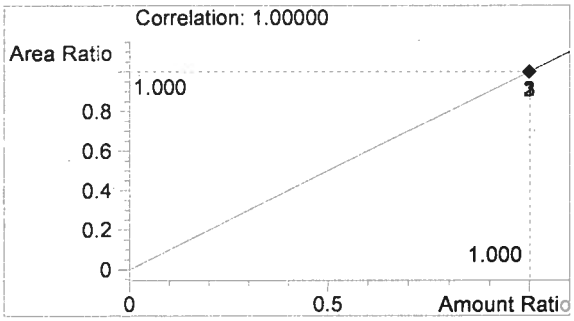
Sample Name: 0.10 CTRL
Operator: Sarah Swenson
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	782	1.018
2	n-Propanol	1614	1.744



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

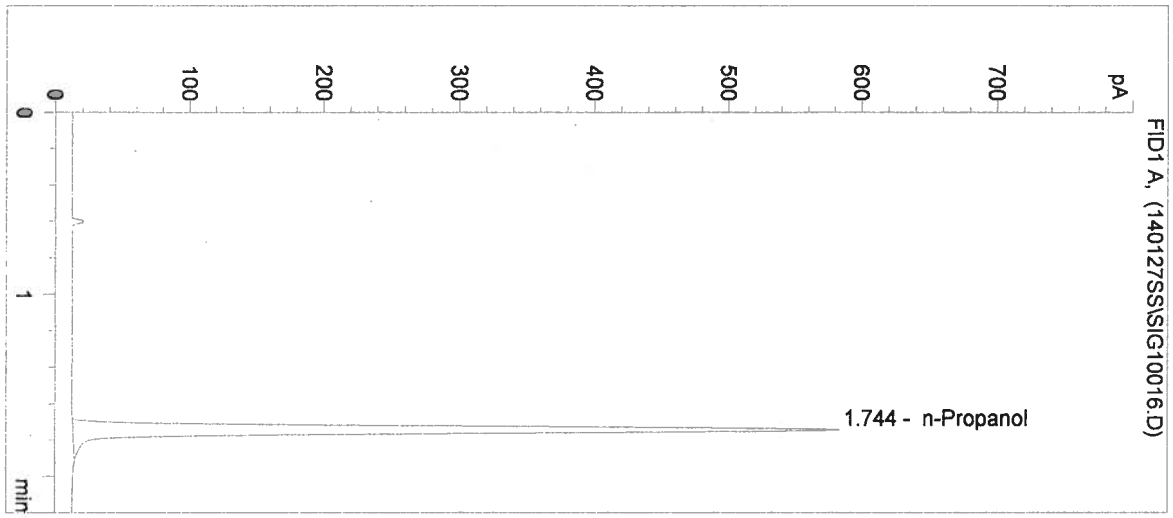
14002

SJS

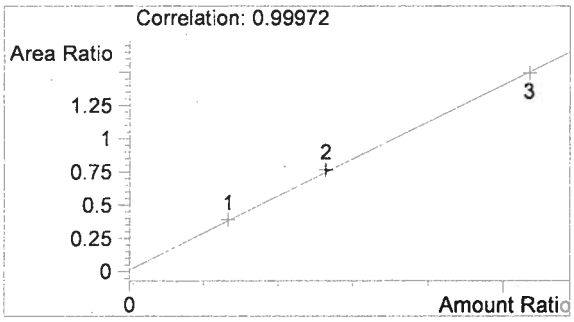
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 1:44:24 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

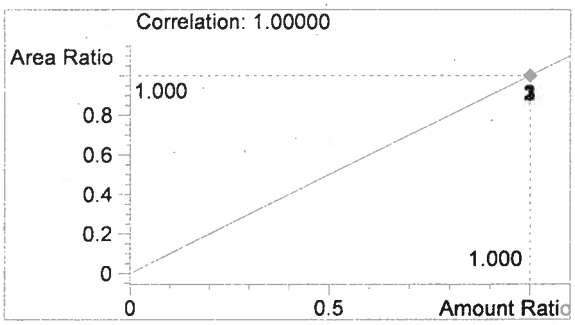


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1544	1.744



Ethanol 0.000 g/100mL

14002



n-Propanol 0.012 g/100mL

SMS

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:	140127DS
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# P1113 - Exp. 02/14/2014

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	14002 #1	SIMALC3	1	Sample		
11	Vial 11	14002 #2	SIMALC3	1	Sample		
12	Vial 12	14002 #3	SIMALC3	1	Sample		
13	Vial 13	14002 #4	SIMALC3	1	Sample		
14	Vial 14	14002 #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!

14002

DS

Method C:\HPCHEM\2\METHODS\SIMALC3.M

==========

Calibration Table

==========

Calib. Data Modified : Monday, January 27, 2014 2:19:46 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	559.27271	1.43097e-4	1		Ethanol
			2	1.58560e-1	1087.89709	1.45749e-4			
			3	3.21220e-1	2171.48071	1.47927e-4			
1.741	1		1	1.20000e-2	1547.68774	7.75350e-6	I1		n-Propanol
			2	1.20000e-2	1515.51562	7.91810e-6			
			3	1.20000e-2	1542.56836	7.77923e-6			

==========

Peak Sum Table

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No Entries in table

==========

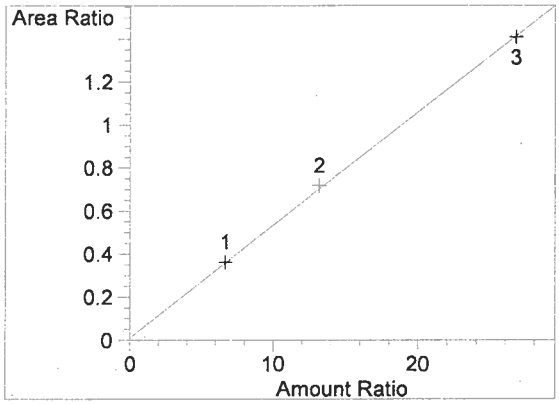
14002

DS

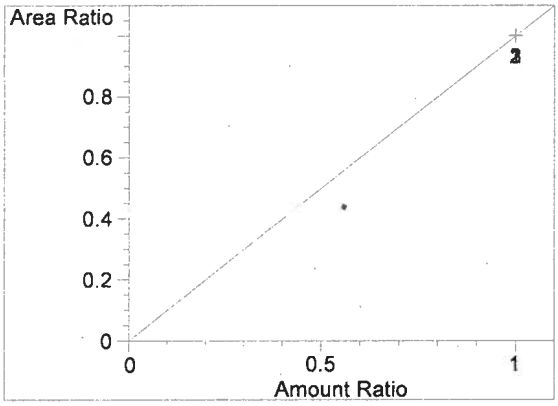
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99983
Residual Std. Dev.: 0.01337
Formula: y = mx + b
m: 5.25437e-2
b: 8.92405e-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

==========

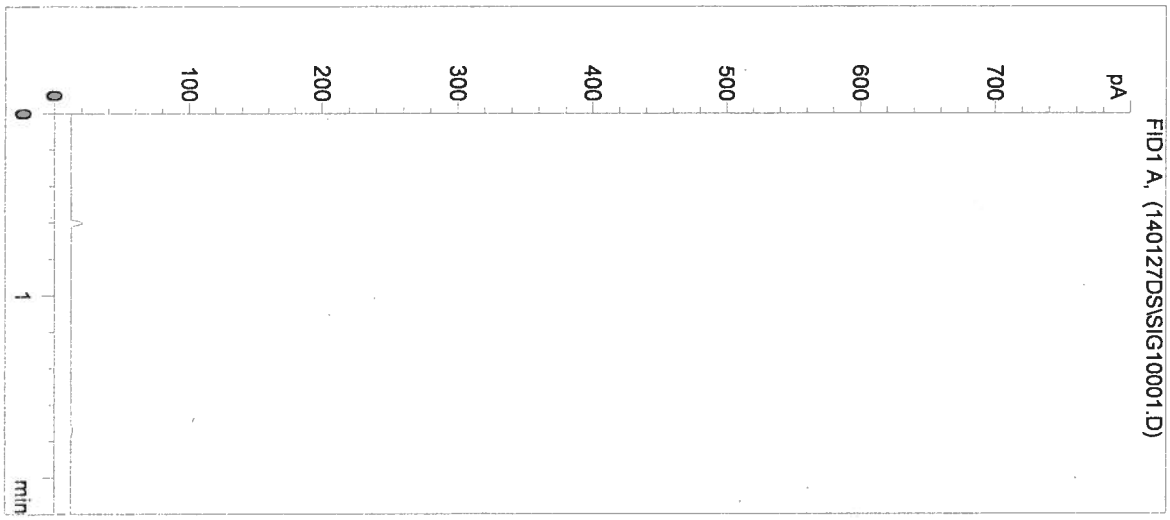
14002

DS

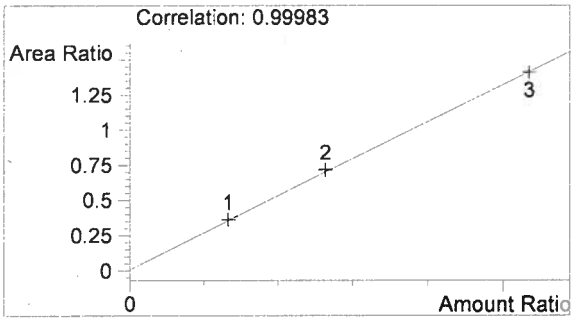
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 2:08:11 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

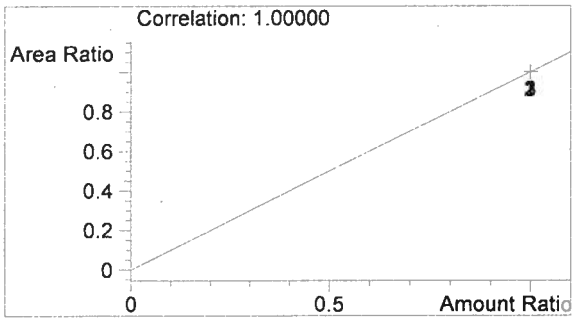


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14002



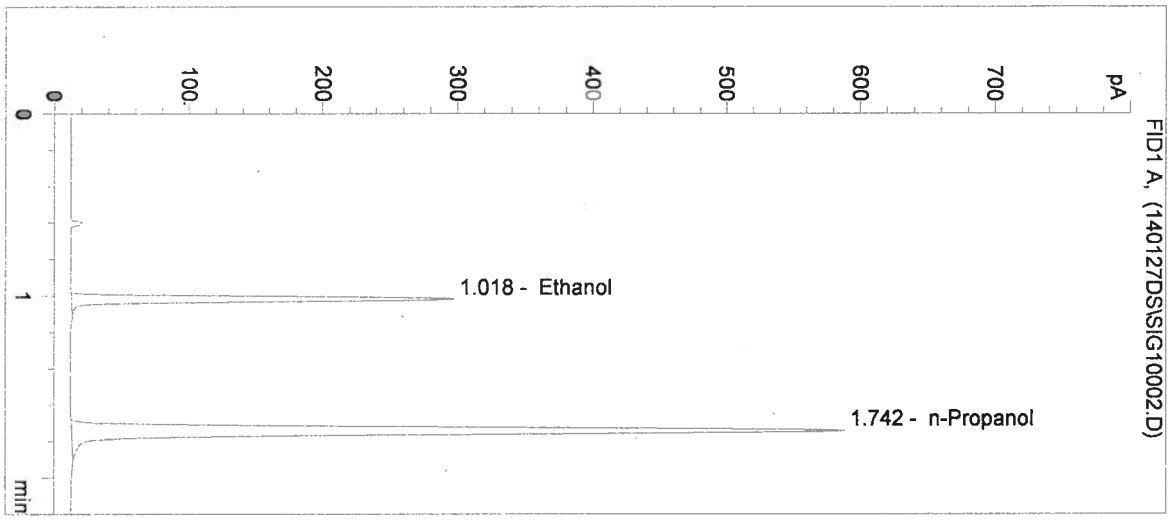
n-Propanol 0.000 g/100mL

DS

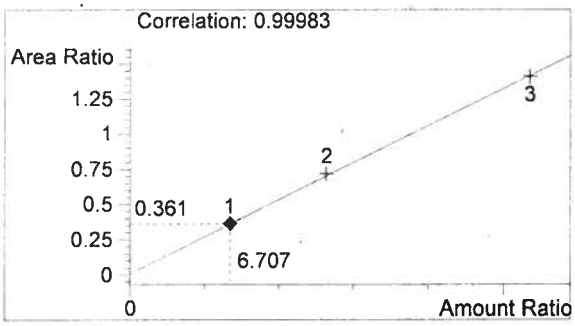
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 2:11:19 PM
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

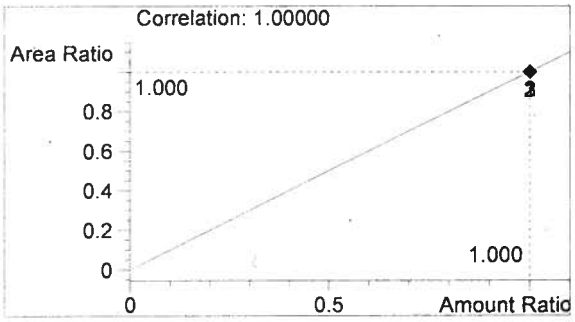


#	Compound	Peak Area	RT (min)
1	Ethanol	559	1.018
2	n-Propanol	1548	1.742



Ethanol 0.080 g/100mL

14002



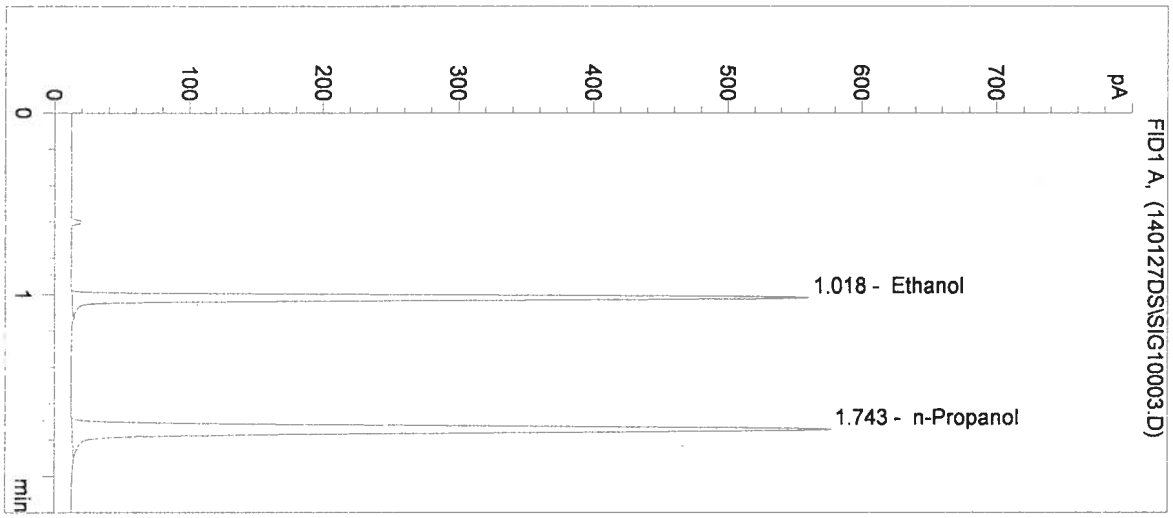
n-Propanol 0.012 g/100mL

DS

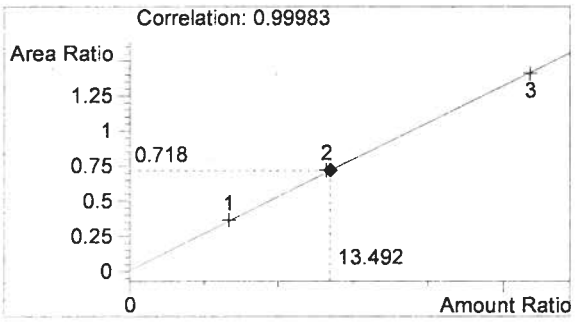
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 2:14:26 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

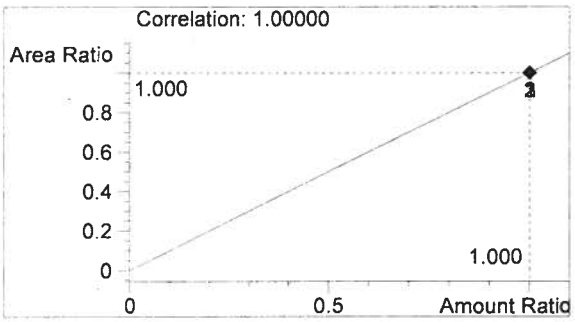
Sample Name: CAL2 0.158
Operator: Dawn Sklerov
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1088	1.018
2	n-Propanol	1516	1.743



Ethanol 0.162 g/100mL



n-Propanol 0.012 g/100mL

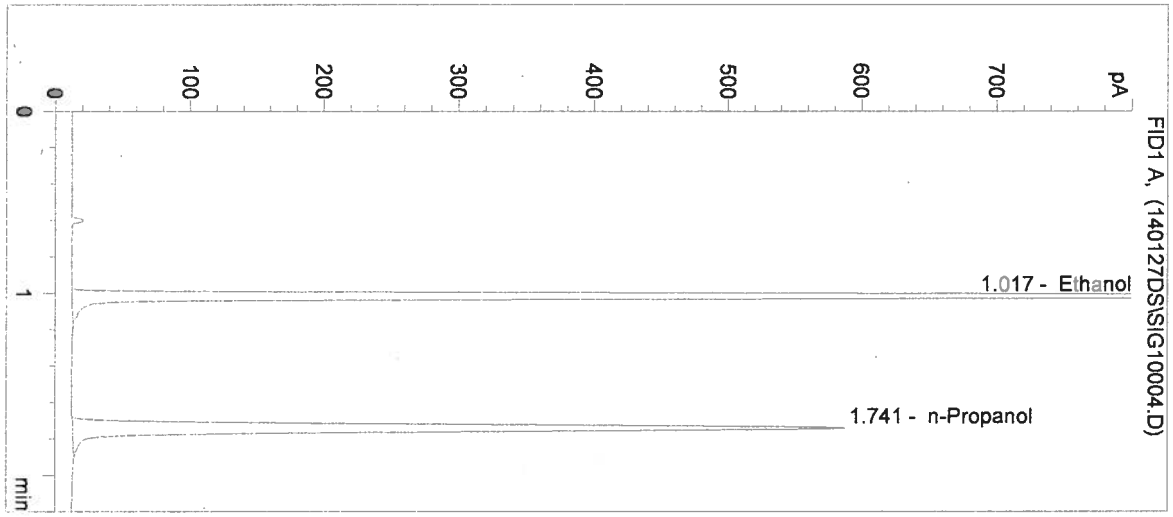
14002

OS

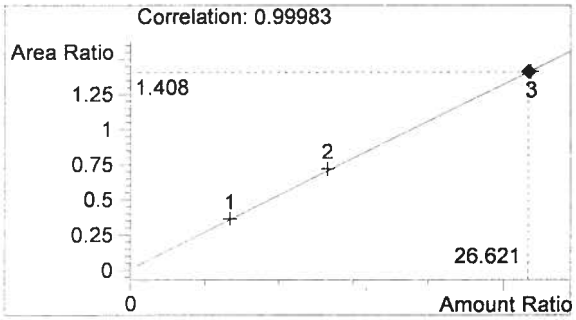
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 2:17:34 PM
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

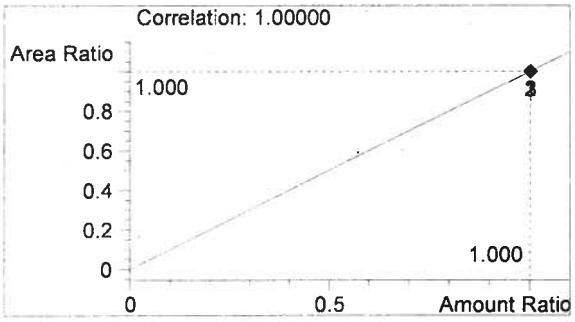


#	Compound	Peak Area	RT (min)
1	Ethanol	2171	1.017
2	n-Propanol	1543	1.741



Ethanol 0.319 g/100mL

14002



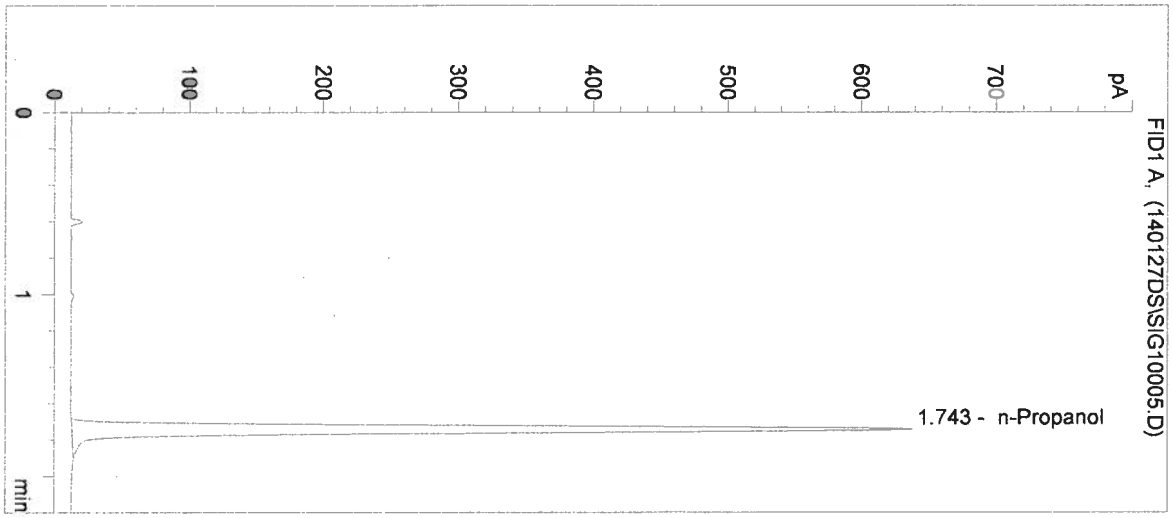
n-Propanol 0.012 g/100mL

DS

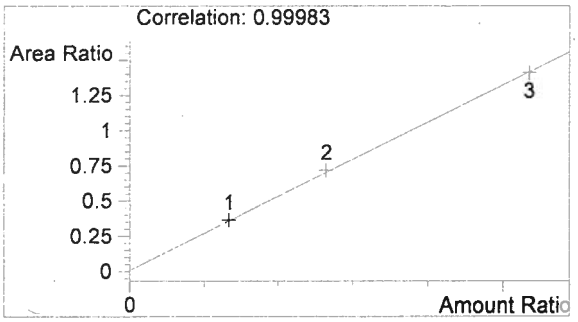
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 2:20:41 PM
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

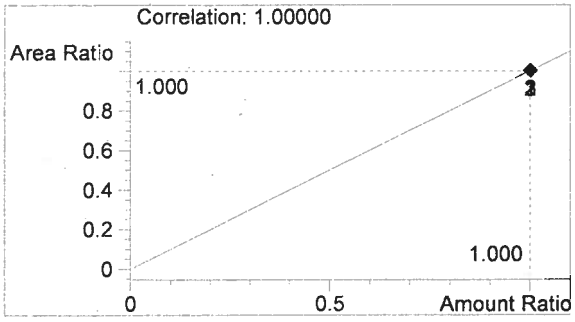


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1681	1.743



Ethanol 0.000 g/100mL

14002



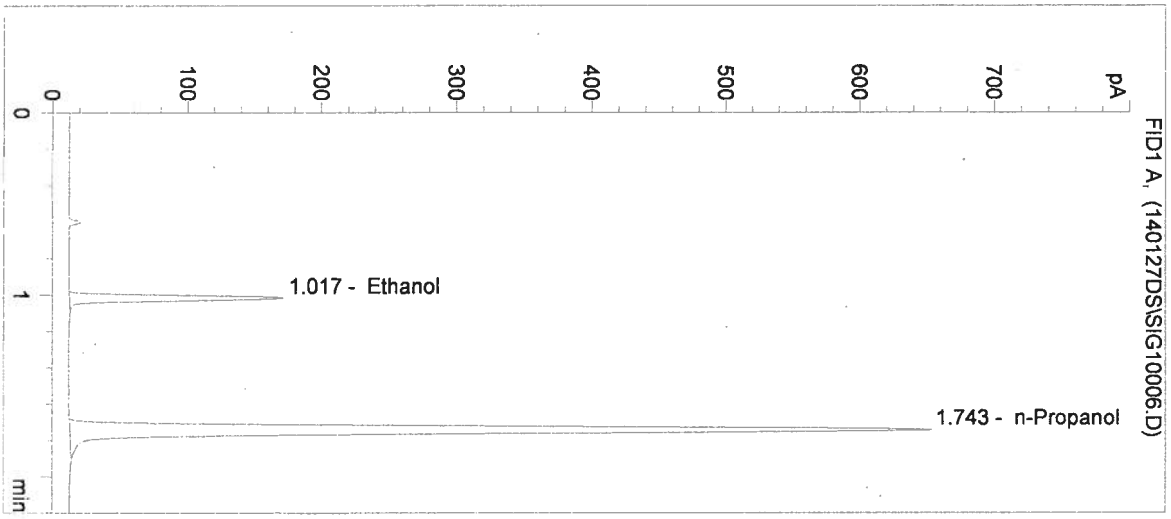
n-Propanol 0.012 g/100mL

DS

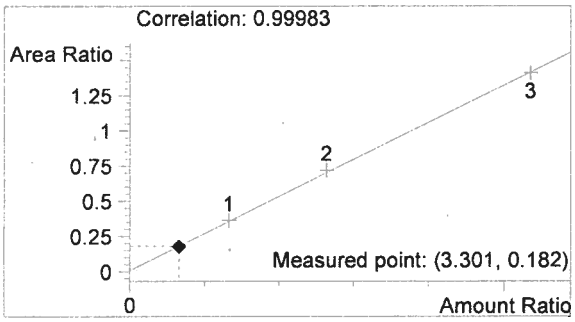
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 2:23:49 PM
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

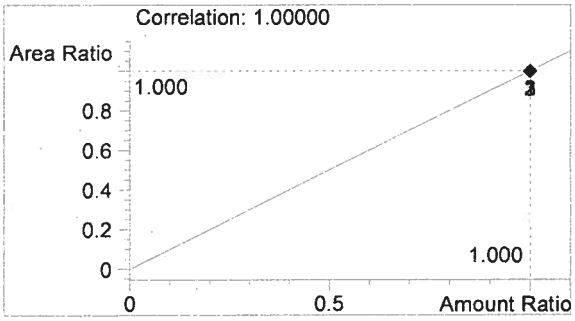


#	Compound	Peak Area	RT (min)
1	Ethanol	314	1.017
2	n-Propanol	1721	1.743



Ethanol 0.040 g/100mL

14002



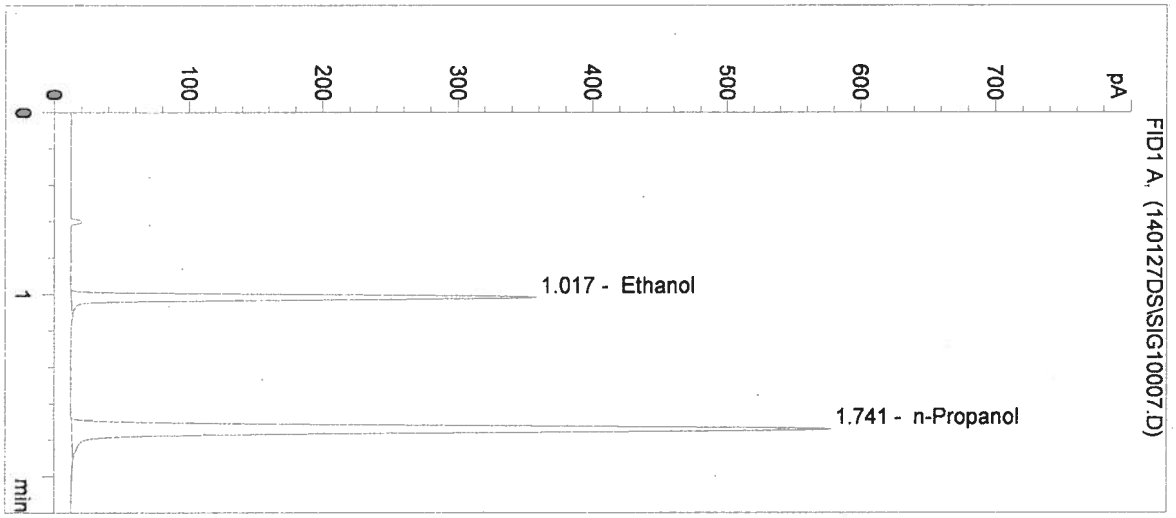
n-Propanol 0.012 g/100mL

DS

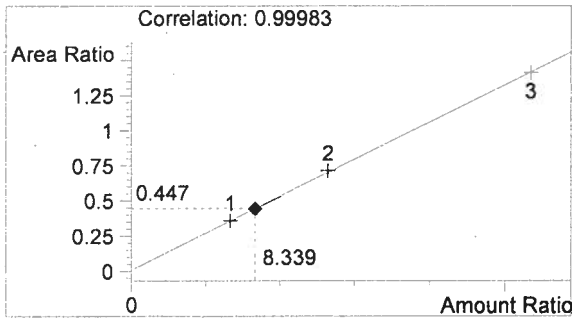
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 2:26:57 PM
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

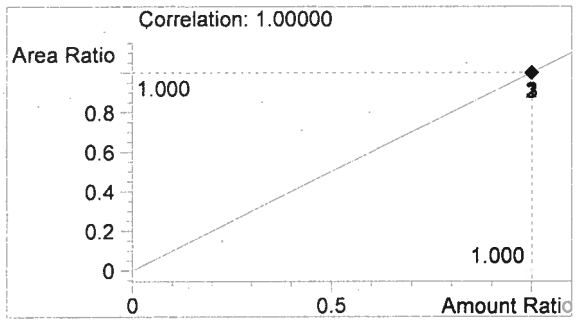


#	Compound	Peak Area	RT (min)
1	Ethanol	680	1.017
2	n-Propanol	1521	1.741



Ethanol 0.100 g/100mL

14002



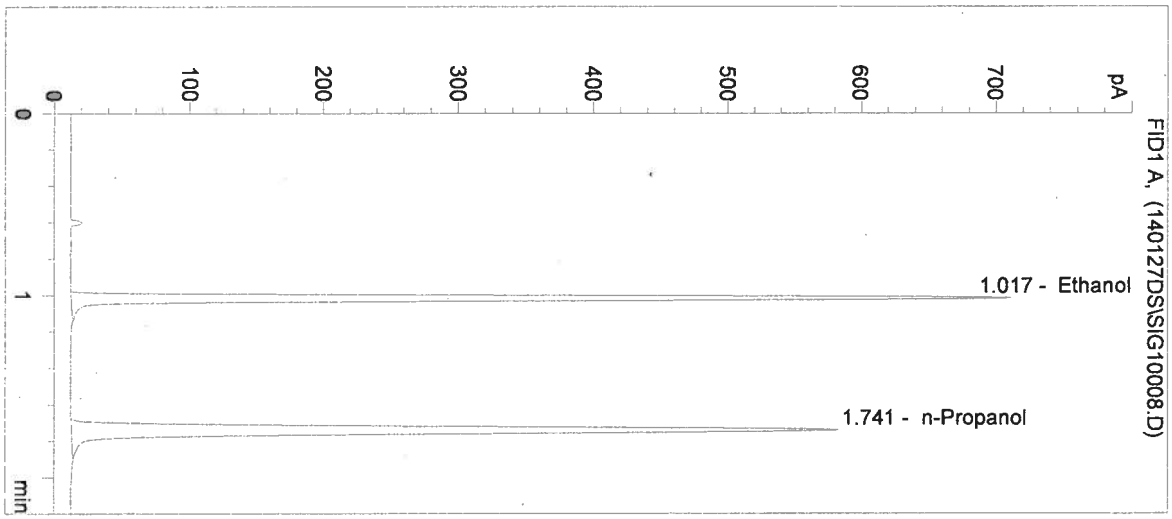
n-Propanol 0.012 g/100mL

DS

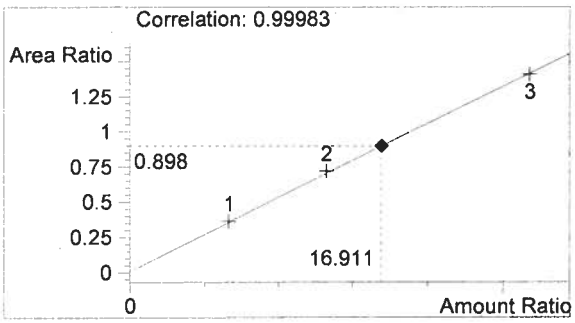
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 2:30:05 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

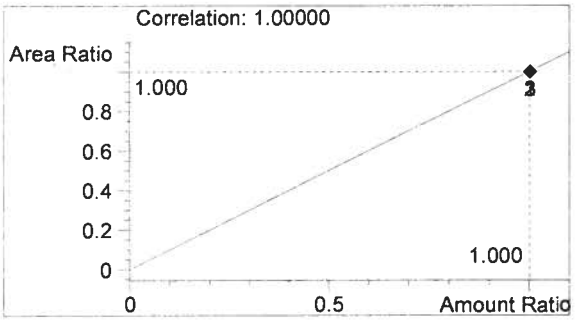
Sample Name: 0.20 CTRL
Operator: Dawn Sklerov
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1373	1.017
2	n-Propanol	1530	1.741



Ethanol 0.203 g/100mL



n-Propanol 0.012 g/100mL

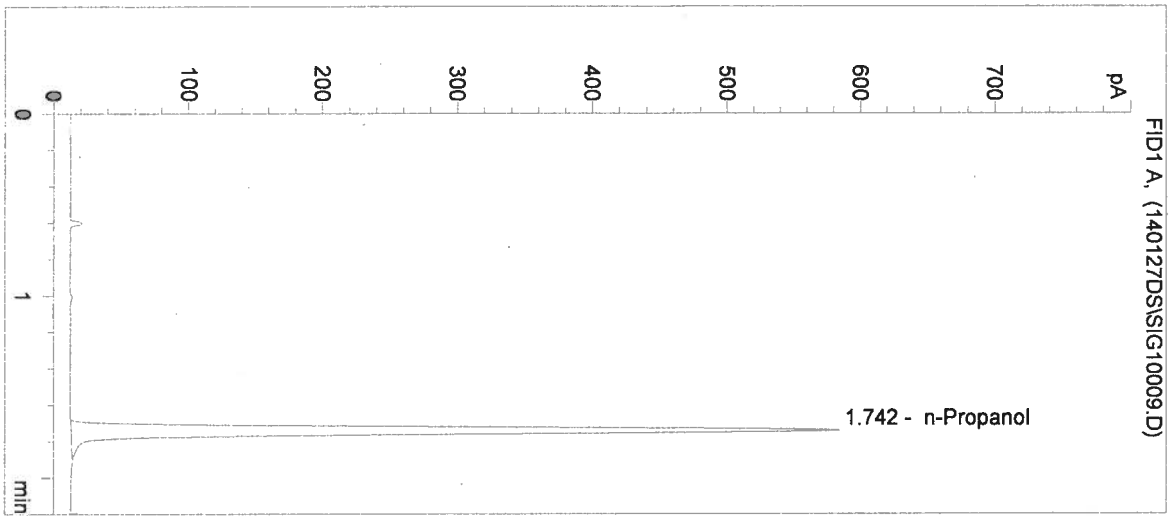
14002

DS

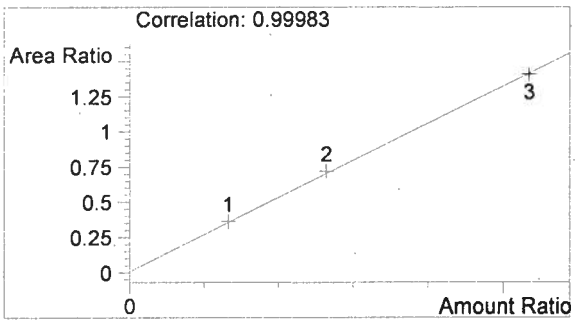
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 2:33:12 PM
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

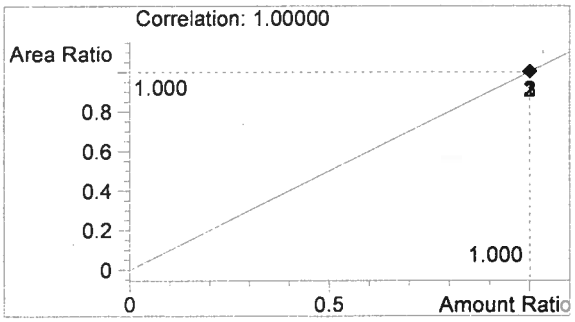


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1535	1.742



Ethanol 0.000 g/100mL

14002



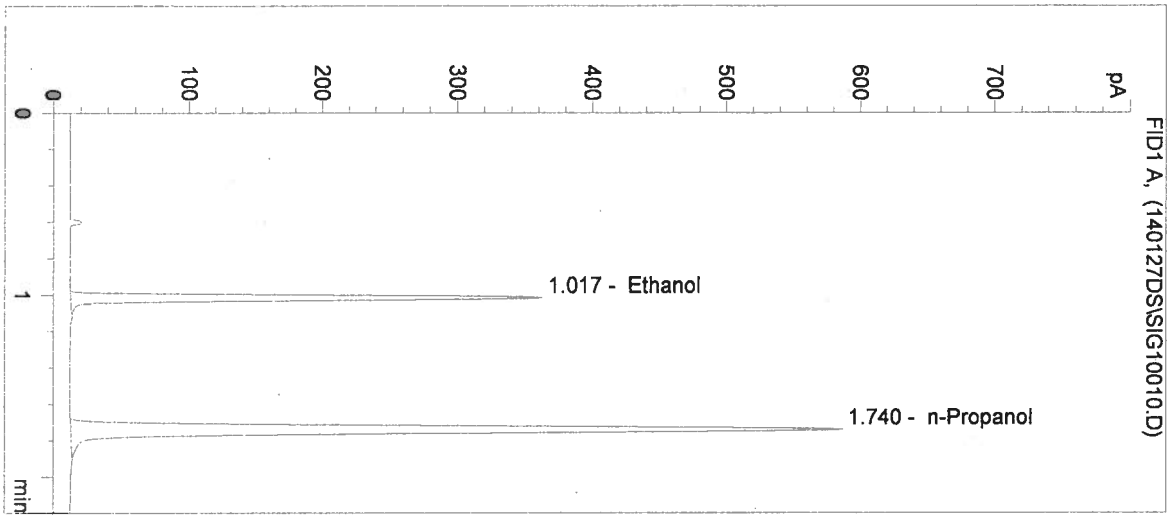
n-Propanol 0.012 g/100mL

OS

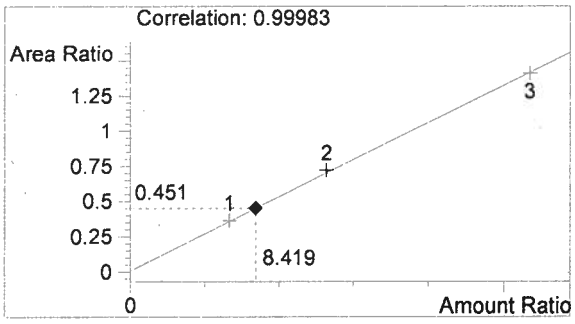
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 2:36:20 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

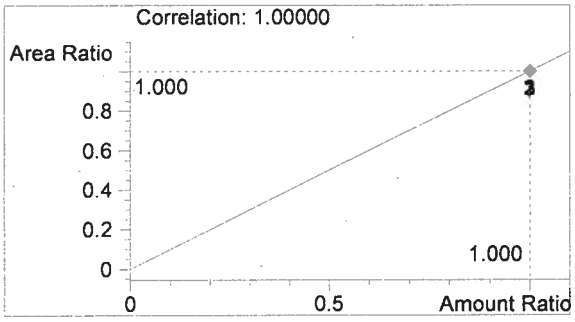
Sample Name: 14002 #1
Operator: Dawn Sklerov
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	698	1.017
2	n-Propanol	1547	1.740



Ethanol 0.101 g/100mL



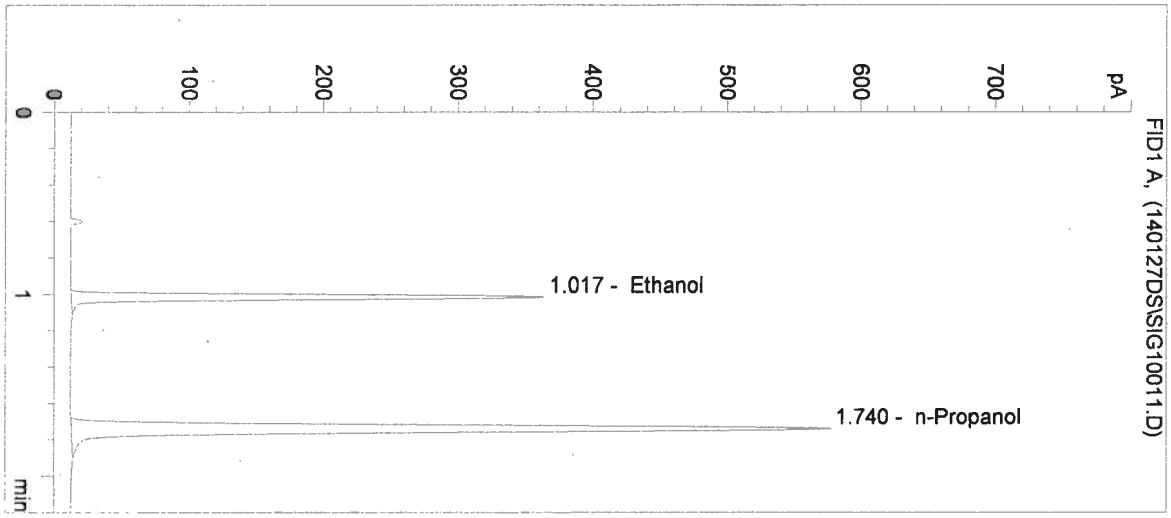
n-Propanol 0.012 g/100mL

DS

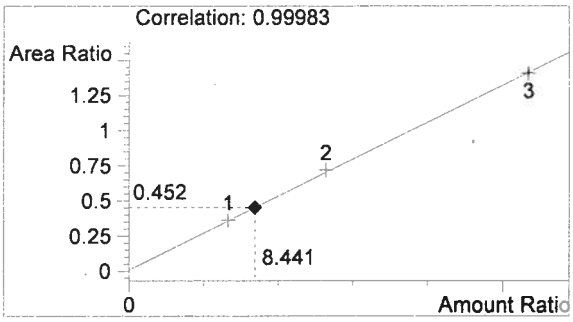
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 2:39:28 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

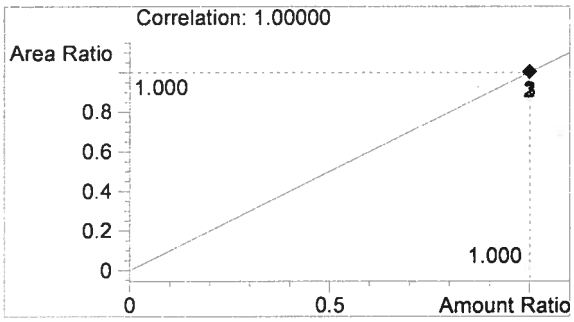
Sample Name: 14002 #2
Operator: Dawn Sklerov
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	685	1.017
2	n-Propanol	1515	1.740



Ethanol 0.101 g/100mL



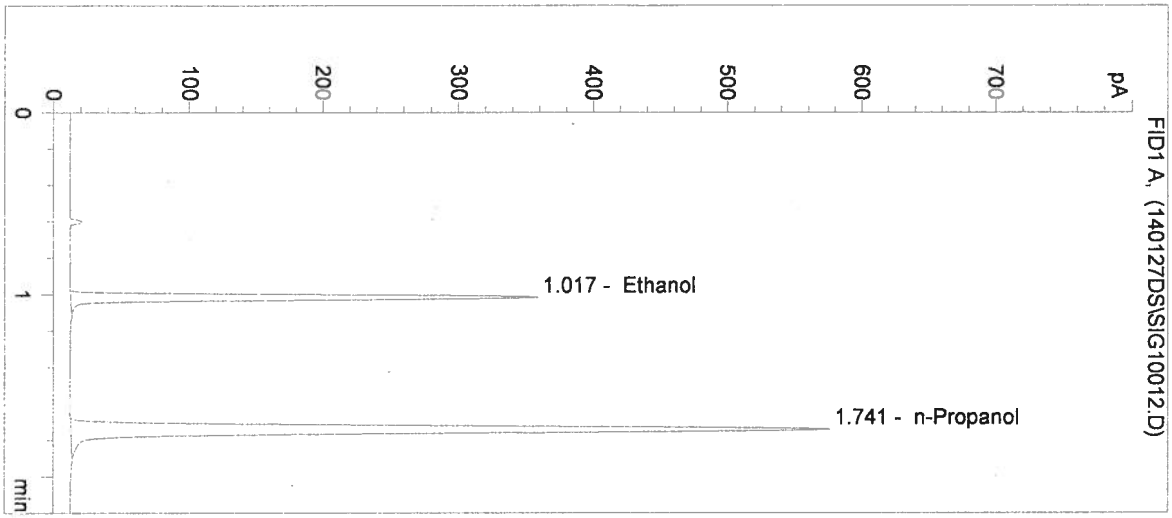
n-Propanol 0.012 g/100mL

DS

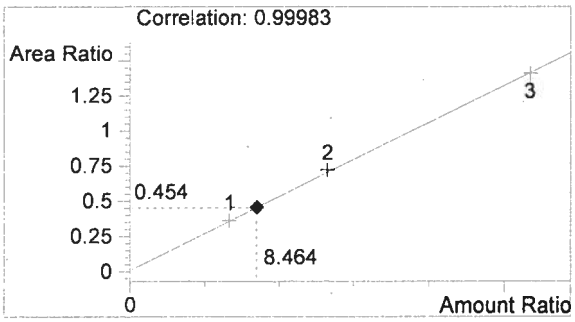
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 2:42:35 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

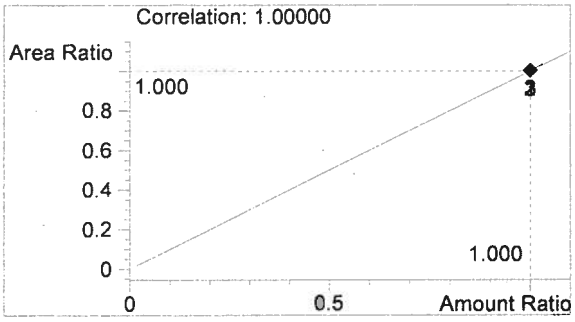
Sample Name: 14002 #3
Operator: Dawn Sklerov
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	688	1.017
2	n-Propanol	1516	1.741



Ethanol 0.102 g/100mL



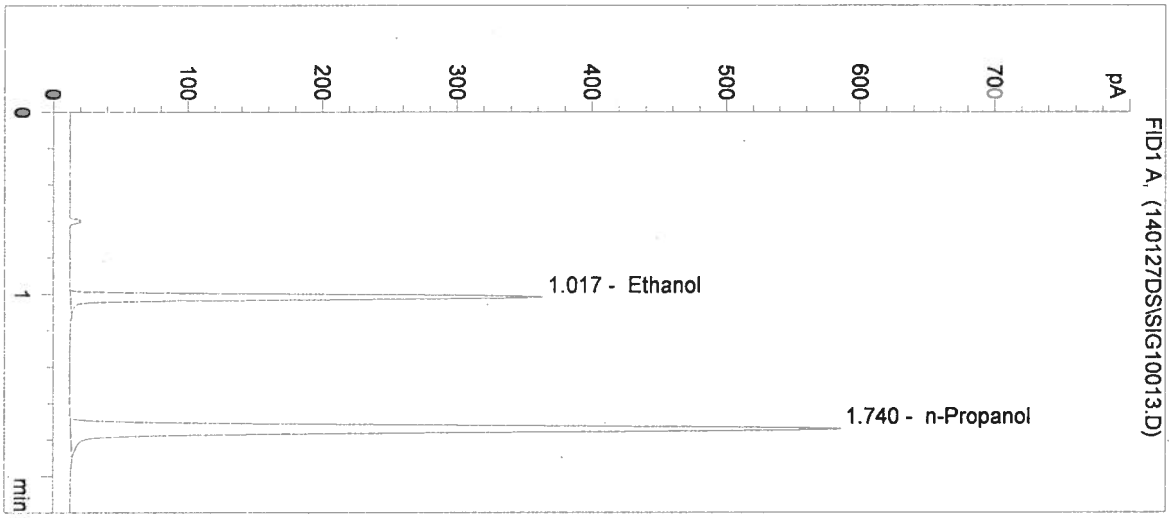
n-Propanol 0.012 g/100mL

DS

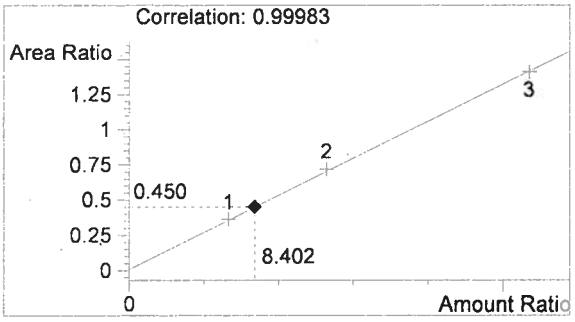
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 2:45:43 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

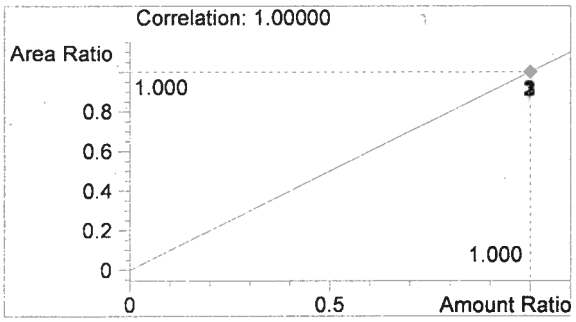
Sample Name: 14002 #4
Operator: Dawn Sklerov
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	693	1.017
2	n-Propanol	1538	1.740



Ethanol 0.101 g/100mL



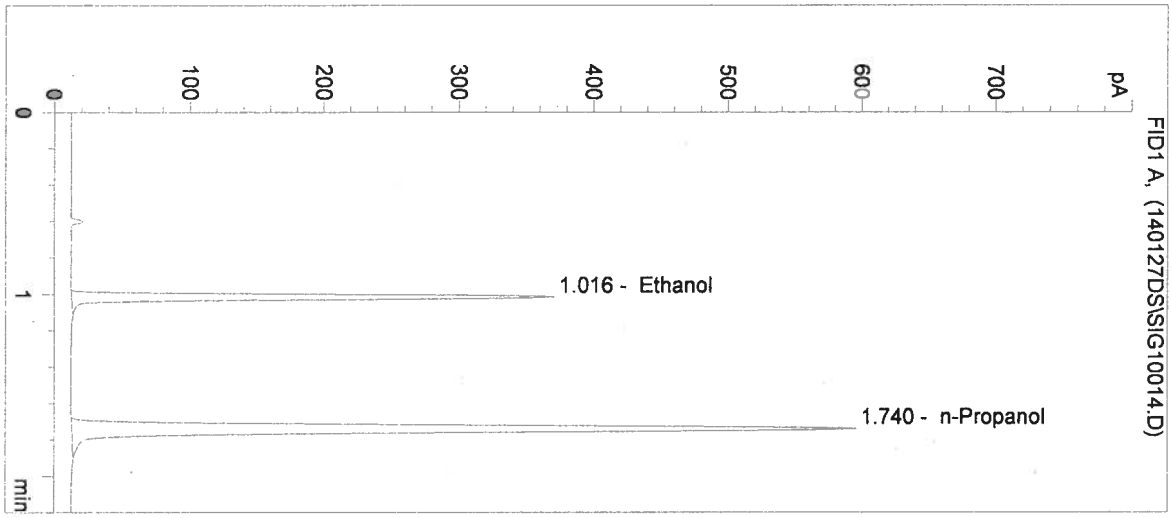
n-Propanol 0.012 g/100mL

DS

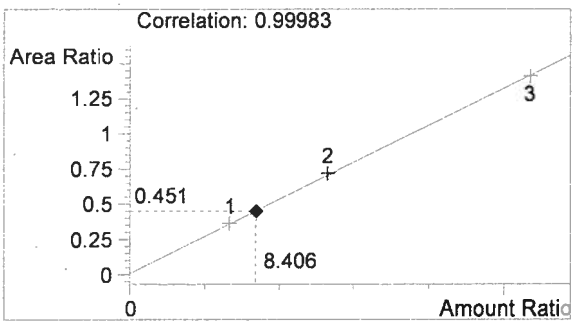
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 2:48:51 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

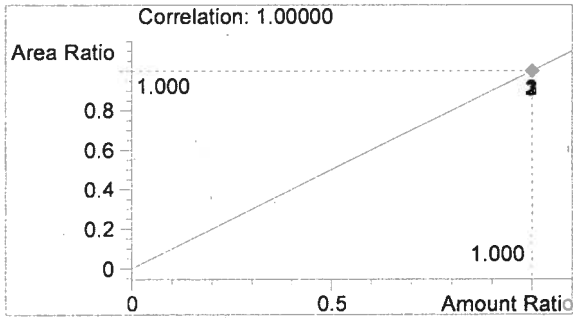
Sample Name: 14002 #5
Operator: Dawn Sklerov
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	706	1.016
2	n-Propanol	1566	1.740



Ethanol 0.101 g/100mL



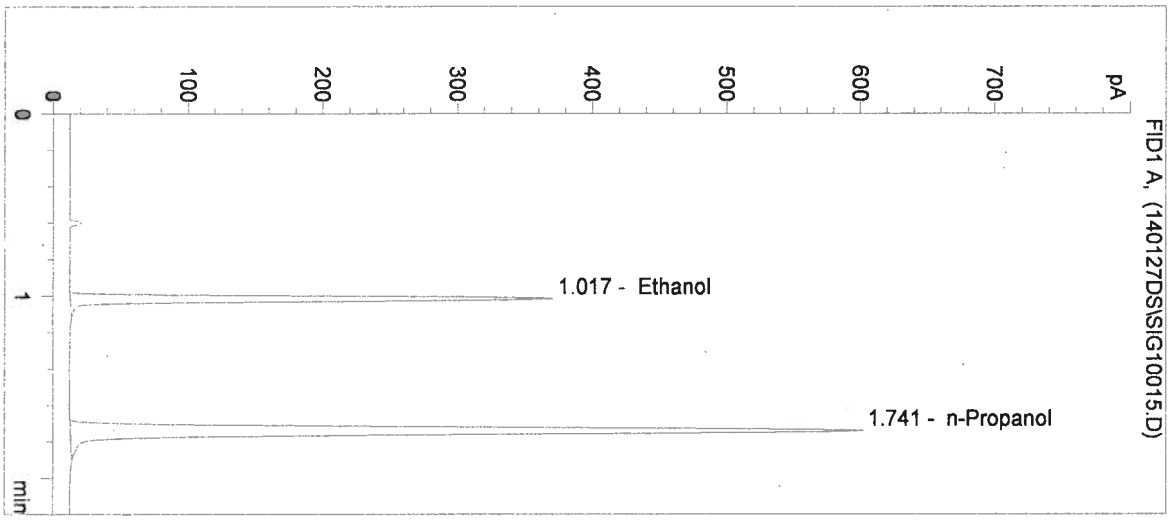
n-Propanol 0.012 g/100mL

DS

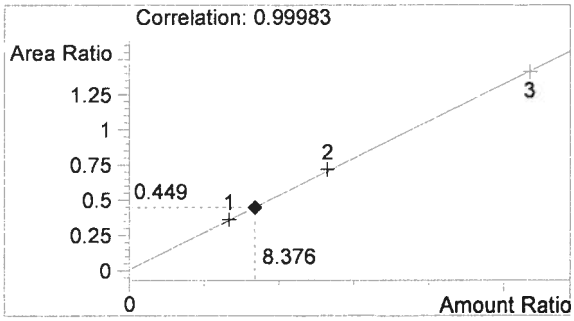
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 2:51:58 PM
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

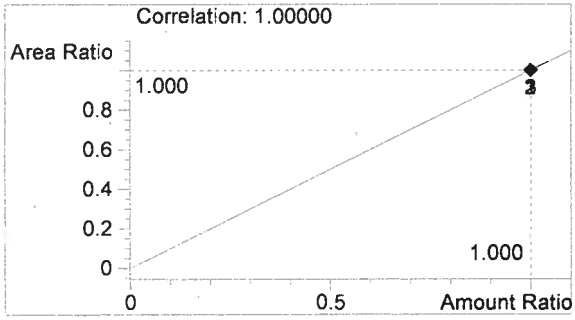


#	Compound	Peak Area	RT (min)
1	Ethanol	711	1.017
2	n-Propanol	1584	1.741



Ethanol 0.101 g/100mL

14002



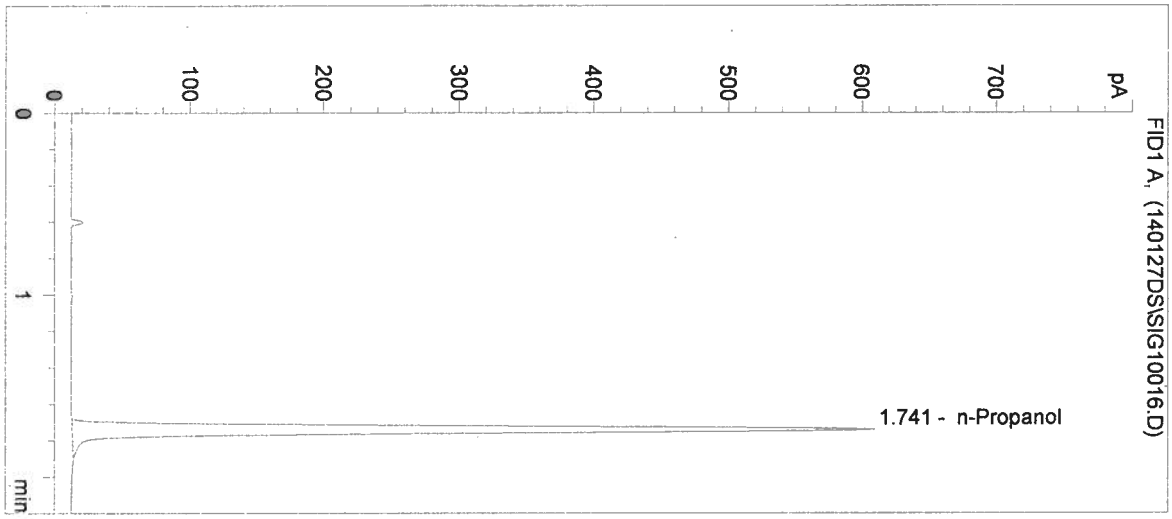
n-Propanol 0.012 g/100mL

DS

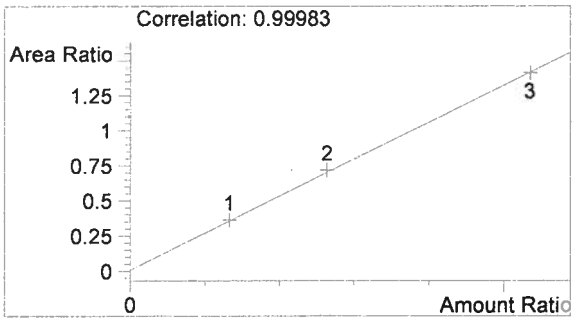
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2014 2:55:06 PM
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

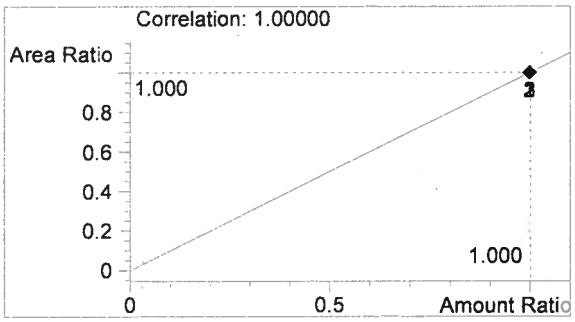


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1604	1.741



Ethanol 0.000 g/100mL

14002



n-Propanol 0.012 g/100mL

DS