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

ANASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/16/2009

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 14033

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: 08/25/2014
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Asa J. Louis

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

ETHANOL CONTROL INFORMATION
LOT NUMBER: FN08051301 EXPIRATION: 10/2018 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1035 g/100mL
STANDARD DEVIATION: 0.00115
PRECISION CV (%): 1.12
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0841 g/210L**
EXPANDED UNCERTAINTY: ± 0.0030 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Lisa Noble — Forensic Scientist Supervisor — 9/15/14 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
AJL	Asa J. Louis		08/25/2014
KK	Katie Knorr		08/26/2014
CM	Christie Mitchell-Mata		08/27/2014
RF	Rebecca Flaherty		08/27/2014
AG	Andrew Gingras		08/27/2014
JLK	Justin L. Knoy		08/28/2014
DCS	Dawn C. Sklerov		08/28/2014
LL	Lyndsey Lowe		08/29/2014

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 #: 14033 **Date Prepared: 8/25/2014**

Analyst:	AJL	KK	CM	RF	AG	JLK	DCS	LL
Date Tested:	8/25/2014	8/26/2014	8/27/2014	8/27/2014	8/27/2014	8/28/2014	8/28/2014	8/29/2014
Instrument:	HSGC#1	HSGC#1	HSGC#1	HSGC#1	HSGC#1	HSGC#1	HSGC#1	HSGC#1
1	0.102	0.103	0.103	0.102	0.103	0.104	0.105	0.103
2	0.102	0.103	0.103	0.105	0.104	0.105	0.105	0.103
3	0.102	0.103	0.104	0.103	0.103	0.105	0.106	0.103
4	0.102	0.102	0.103	0.103	0.104	0.105	0.106	0.104
5	0.102	0.103	0.103	0.103	0.103	0.105	0.105	0.103
C	0.102	0.101	0.102	0.101	0.102	0.102	0.104	0.102

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0001244681	0.0000823859	0.0001016326

Ethanol Control Lot #: FN08051301
Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1035 g/100mL
Standard Deviation: 0.00115 g/100mL
Precision CV (%): 1.12
Equivalent Vapor Concentration: 0.0841 g/210L
Combined Standard Uncertainty (±): 0.0015 g/210L
Expanded Uncertainty (±): 0.0030 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Lisa Noble (Name) Lnoble (Signature) 9/4/14 (Date)

Calculations verified by: Amanda M. Black (Name) (Signature) 9-8-2014 (Date)

Method: Hand calculation

Technical review of batch file performed by:

Lisa Noble (Name) Lnoble (Signature) 9/4/14 (Date)

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 9-8-2014

Location: WSP-FLSB Seattle, WA **Solution Batch Number:** 14033

	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:** 9-8-2014

Reviewer Signature: N/A AB 9-8-14 **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	9/5/14
Asa Louis	AL	20140904
Brittany Ball		
Christie Mitchell-Mata	CM	9/5/14
Christopher Johnston		
Dawn Sklerov	DCS	9.5.14
Justin Knoy	JK	9-4-14
Katie Knorr	KK	9/5/14
Lyndsey Lowe	LL	9.4.14
Naziha Nuwayhid		
Rebecca Flaherty	RF	9-4-14

Batch # 14033

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

0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14033

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

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

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

The external standard solution (ESS), Lot Number 14033, was prepared in the Washington State Toxicology Laboratory on 8/25/2014. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 8/25/2015.

Seattle, WA

20140904

Asa J. Louis Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14033

I, Katie Knorr, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

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

The external standard solution (ESS), Lot Number 14033, was prepared in the Washington State Toxicology Laboratory on 8/25/2014. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 8/25/2015.

Seattle, WA

Katie Knorr 9/5/14

Katie Knorr Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14033

I, Christie Mitchell-Mata, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

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 (ESS), Lot Number 14033, was prepared in the Washington State Toxicology Laboratory on 8/25/2014. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 8/25/2015.

Seattle, WA

9/5/14

Christie Mitchell-Mata Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14033

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

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

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

The external standard solution (ESS), Lot Number 14033, was prepared in the Washington State Toxicology Laboratory on 8/25/2014. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 8/25/2015.

Seattle, WA

9-4-14

Rebecca Flaherty Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14033

I, Andrew Gingras, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

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

The external standard solution (ESS), Lot Number 14033, was prepared in the Washington State Toxicology Laboratory on 8/25/2014. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 8/25/2015.

Seattle, WA

9/5/2014

Andrew Gingras Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14033

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

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

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

The external standard solution (ESS), Lot Number 14033, was prepared in the Washington State Toxicology Laboratory on 8/25/2014. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 8/25/2015.

Seattle, WA

9-4-14

Justin L. Knoy — Date
Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14033

I, Dawn C. Sklerov, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

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

The external standard solution (ESS), Lot Number 14033, was prepared in the Washington State Toxicology Laboratory on 8/25/2014. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 8/25/2015.

Seattle, WA

9.5.14

Dawn C. Sklerov Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14033

I, Lyndsey Lowe, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

I possess the following qualifications: BS degree in Chemistry.

The external standard solution (ESS), Lot Number 14033, was prepared in the Washington State Toxicology Laboratory on 8/25/2014. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 8/25/2015.

Seattle, WA

9.4.14

Lyndsey Lowe — 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: 20140825 Initials of Preparer: AC

Expiration Date: 20150825

Lot # of 200-proof Ethanol used in preparation: 2CK0002

Date the 200-proof Ethanol bottle was opened: 20140616

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	42.1	18	☐	
QAP 0.20	56.1	18	☐	
ESS	66.5	52	☒	14033

Stir bar is rotating ☒

Stirred for minimum 30 minutes; 2 hours for ESS ☒

ESS 14033

0.08g/210L al
Prep: 08/25/2014
Exp: 08/25/2015

Spigot purged ☒

Aliquot taken ☒

Batch labeled, packaged and sealed ☒ 20140825 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 20140825 Date

Sequence Parameters:

Sequence : C:\CHEM32\1\SEQUENCE\AL-ESS.S

Operator : Asa Louis

Data File Naming : Auto
Data Directory : C:\Chem32\1\DATA\

Data Subdirectory : 140825al

Part of Methods to run : According to Runtime Checklist

Barcode Reader : not used

Shutdown Cmd/Macro : none

Sequence Comment :
CAL 1: 0.079 g/100 mL - Lot: E0814-01 - exp: 02/19/2015
CAL 2: 0.158 g/100 mL - Lot: E0814-02 - exp: 02/19/2015
CAL 3: 0.316 g/100 mL - Lot: E0814-03 - exp: 02/19/2015

CTRL 1: 0.04 g/100 mL - Lot: FN05011301 - exp: 05/2018
CTRL 2: 0.10 g/100 mL - Lot: FN08051301 - exp: 10/2018
CTRL 3: 0.20 g/100 mL - Lot: FN03211401 - exp: 06/2016

n-Propanol: Lot: P0814 - exp: 10/30/2014

- 14033

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
1	Vial 1	blank	SIMALC1	1	Sample	
2	Vial 2	cal 1 (0.079)	SIMALC1	1	Calib	
3	Vial 3	cal 2 (0.158)	SIMALC1	1	Calib	
4	Vial 4	cal 3 (0.316)	SIMALC1	1	Calib	
5	Vial 5	neg ctrl	SIMALC1	1	Ctrl Samp	
6	Vial 6	ctrl 1 (0.04)	SIMALC1	1	Ctrl Samp	
7	Vial 7	ctrl 2 (0.10)	SIMALC1	1	Ctrl Samp	
8	Vial 8	ctrl 3 (0.20)	SIMALC1	1	Ctrl Samp	

AL

Sequence: C:\CHEM32\1\SEQUENCE\AL-ESS.S

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
9	Vial 9	neg ctrl	SIMALC1	1	Ctrl Samp	
10	Vial 10	14033-1	SIMALC1	1	Sample	
11	Vial 11	14033-2	SIMALC1	1	Sample	
12	Vial 12	14033-3	SIMALC1	1	Sample	
13	Vial 13	14033-4	SIMALC1	1	Sample	
14	Vial 14	14033-5	SIMALC1	1	Sample	
15	Vial 15	ctrl 2 (0.10)	SIMALC1	1	Ctrl Samp	
16	Vial 16	neg ctrl	SIMALC1	1	Ctrl Samp	

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

14033

Calibration Table

General Calibration Setting

Calib. Data Modified : Monday, August 25, 2014 1:09:09 PM

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.000 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.000 min
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

Default Sample ISTD Information (if not set in sample table):

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

Signal Details

14033

Signal 1: FID1 A,

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
1.054	1	1	7.95500e-2	1100.29419	7.22988e-5	No	No 1	Ethanol
		2	1.59740e-1	2165.67065	7.37601e-5			
		3	3.21980e-1	4253.93213	7.56900e-5			
1.731	1	1	1.20000e-2	3039.42212	3.94812e-6	No	Yes 1	n-Propanol

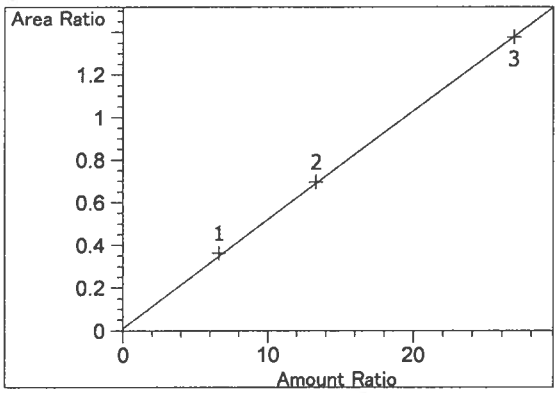
Method C:\CHEM32\1\METHODS\SIMALC1.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	3114.04053	3.85351e-6			
		3	1.20000e-2	3091.38794	3.88175e-6			

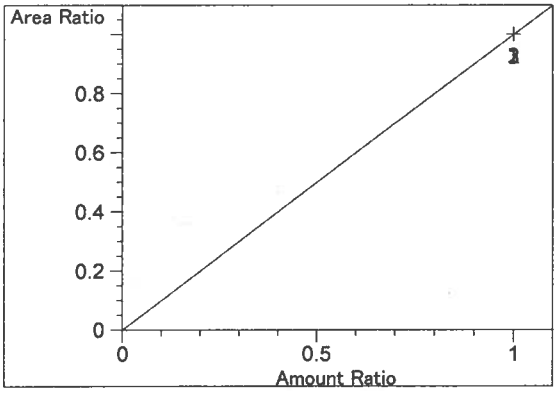
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.054
FID1 A,
Correlation: 0.99984
Residual Std. Dev.: 0.01274
Formula: y = mx + b
m: 5.10543e-2
b: 1.13962e-2
x: Amount
y: Area

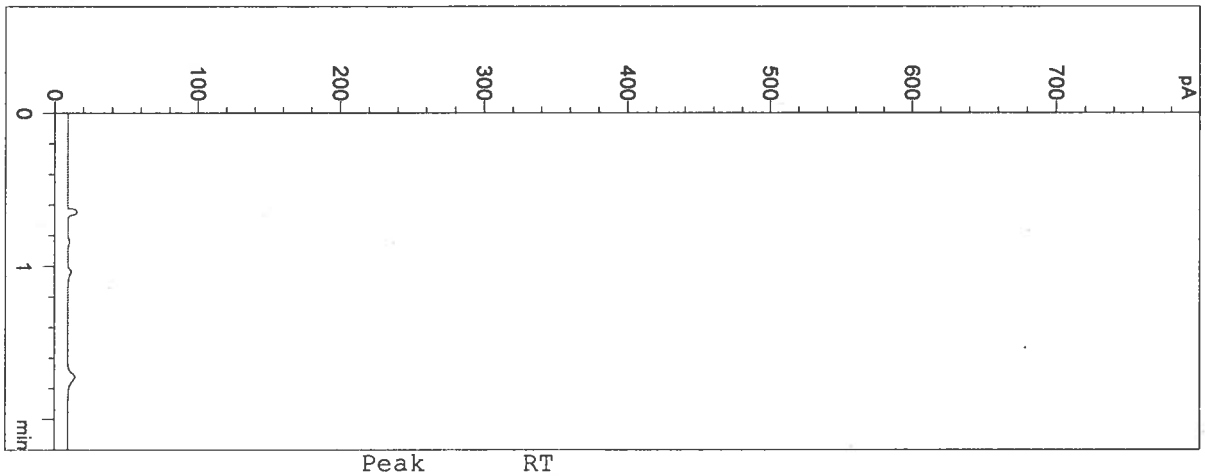


n-Propanol at exp. RT: 1.731
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

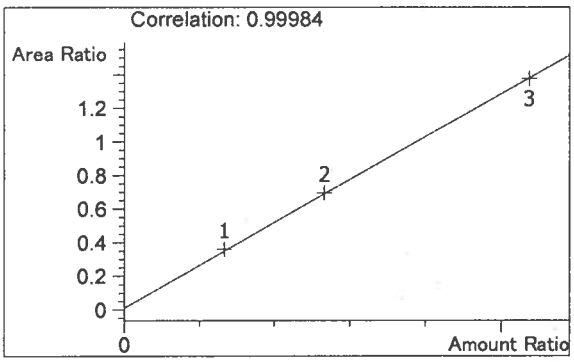
14033

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

Inj. Date: 8/25/2014 12:56:58 PM Sample Name: blank
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

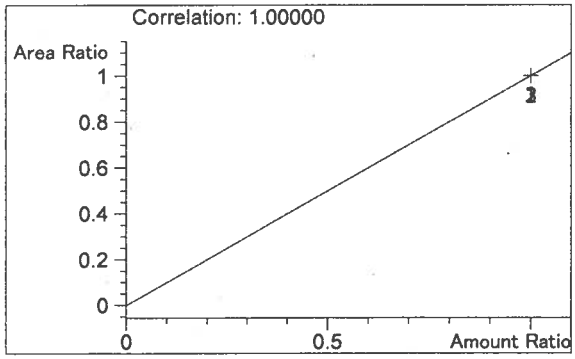


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

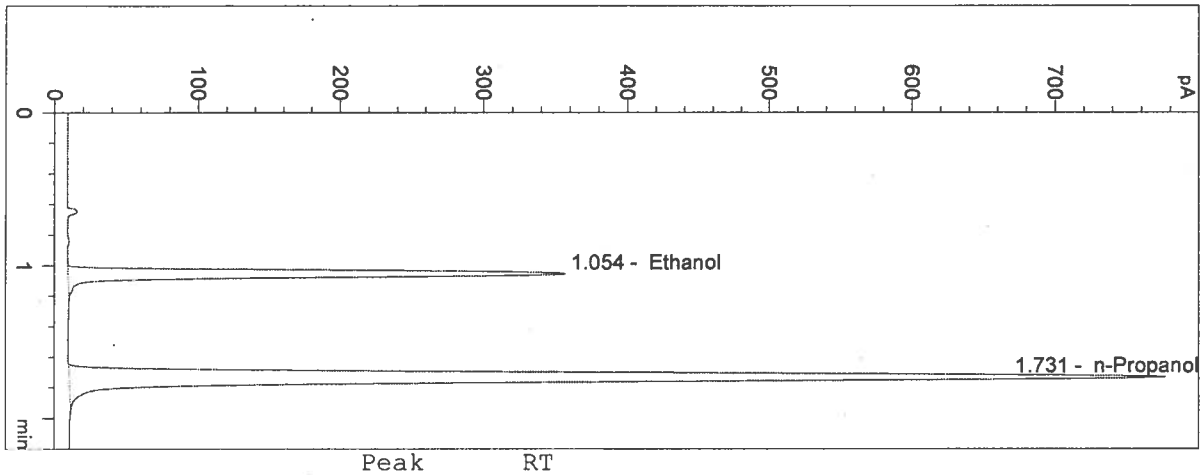
14033



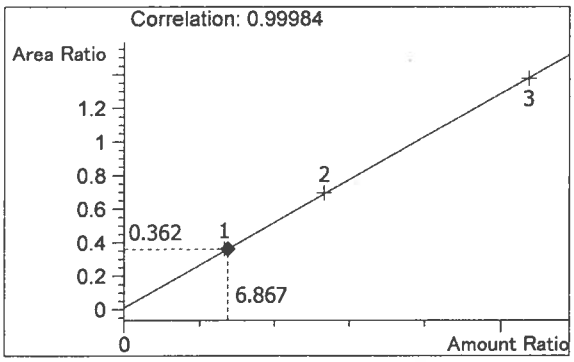
n-Propanol 0.000 g/100mL

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

Inj. Date: 8/25/2014 1:00:16 PM Sample Name: cal 1 (0.079)
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 2
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

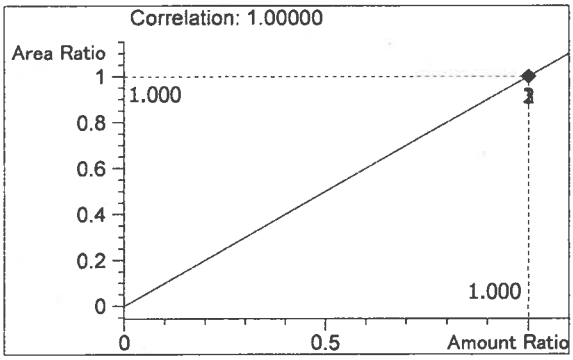


#	Compound	Peak Area	RT (min)
1	Ethanol	1100	1.054
2	n-Propanol	3039	1.731



Ethanol 0.082 g/100mL

14033

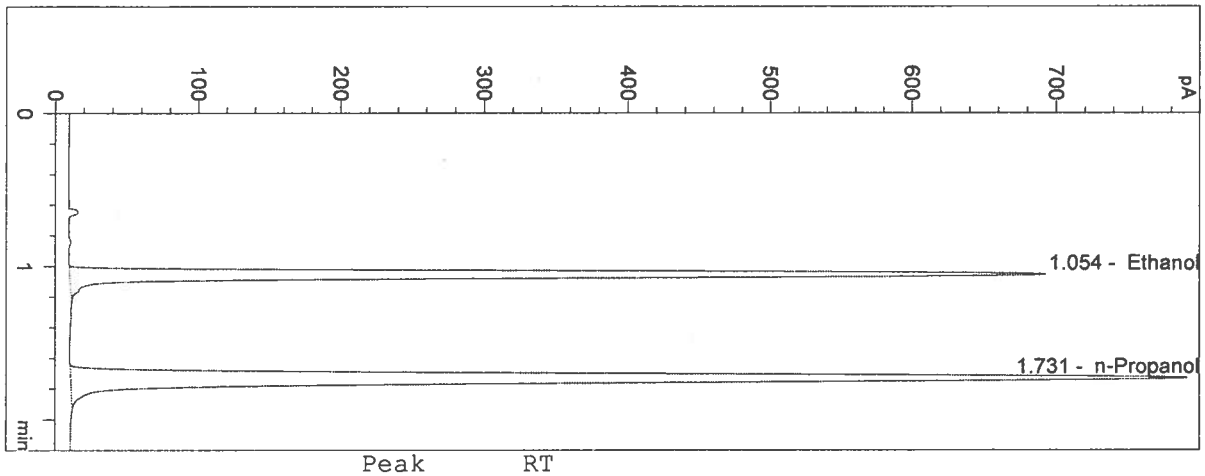


n-Propanol 0.012 g/100mL

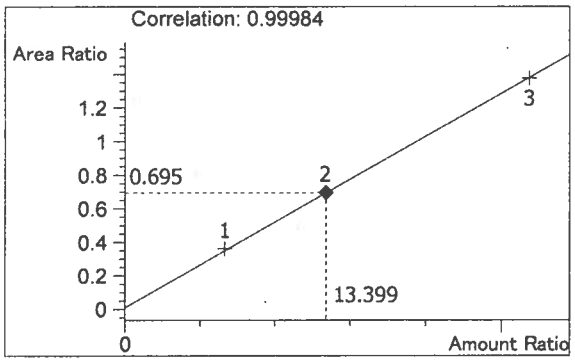
AL

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

Inj. Date: 8/25/2014 1:03:33 PM Sample Name: cal 2 (0.158)
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 3
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

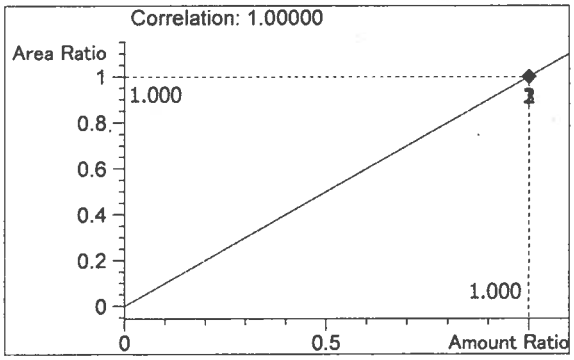


#	Compound	Peak Area	RT (min)
1	Ethanol	2166	1.054
2	n-Propanol	3114	1.731



Ethanol 0.161 g/100mL

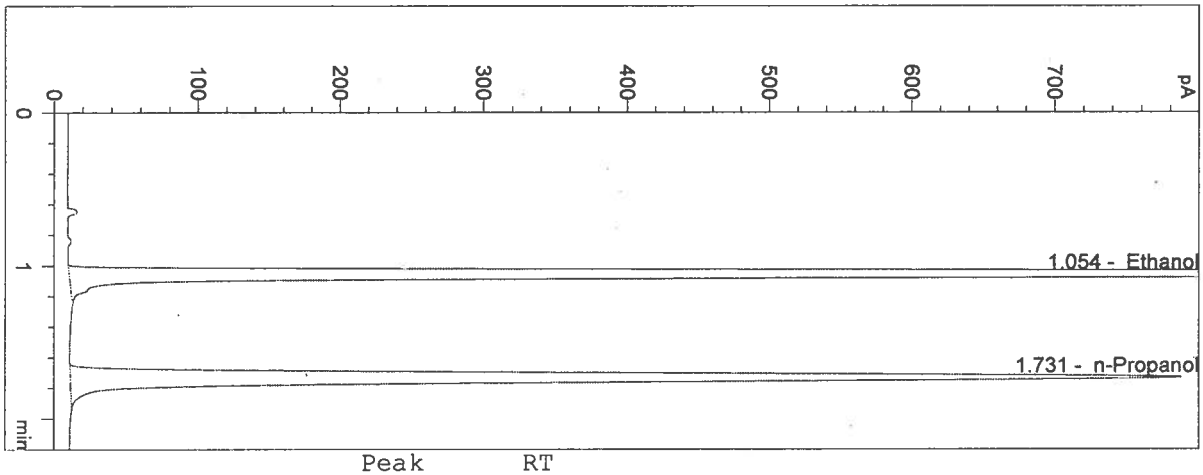
14033



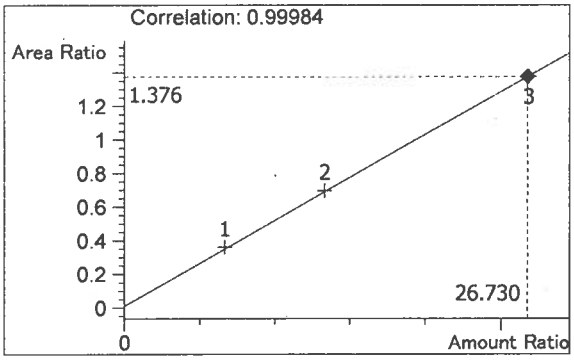
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/25/2014 1:06:51 PM Sample Name: cal 3 (0.316)
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 4
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

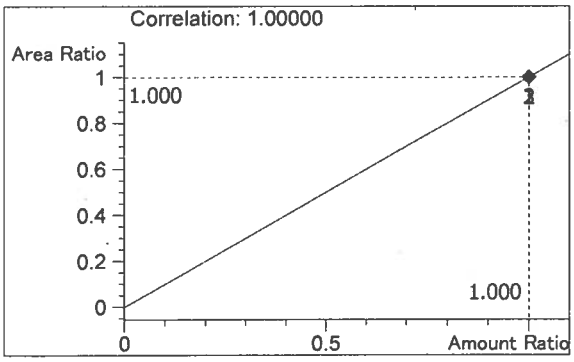


#	Compound	Peak Area	RT (min)
1	Ethanol	4254	1.054
2	n-Propanol	3091	1.731



Ethanol 0.321 g/100mL

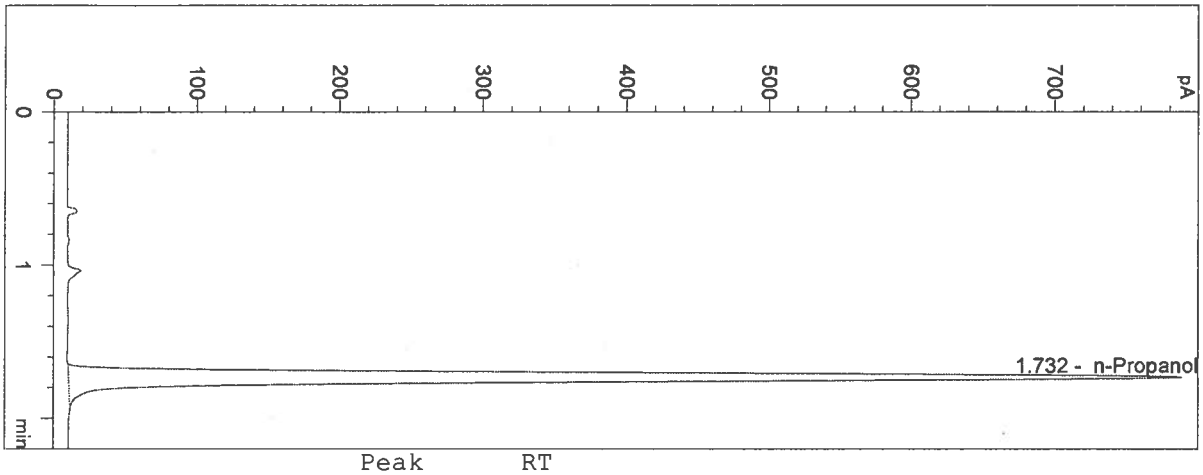
14033



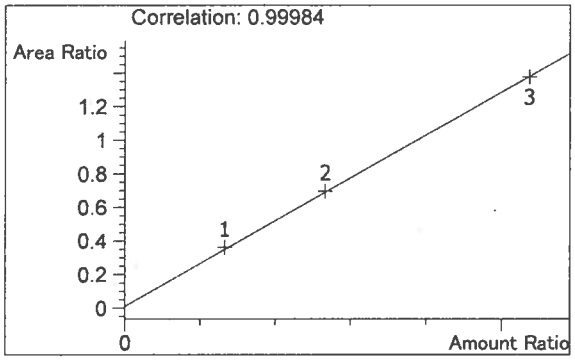
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/25/2014 1:10:04 PM Sample Name: neg ctrl
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 5
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

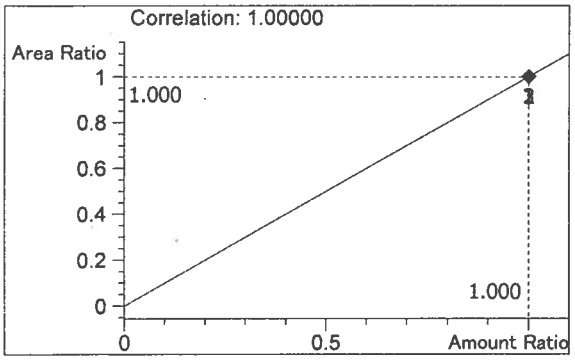


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3096	1.732



Ethanol 0.000 g/100mL

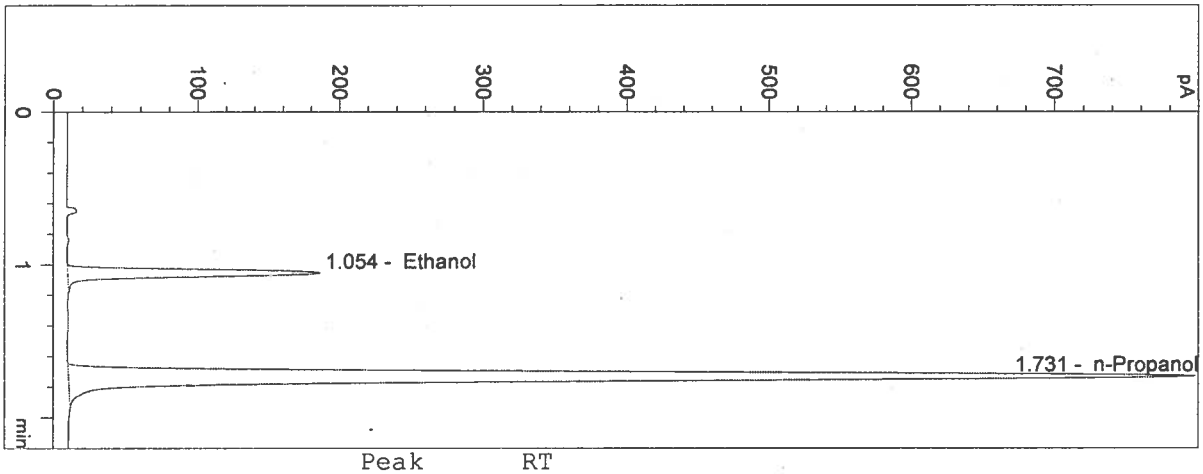
14033



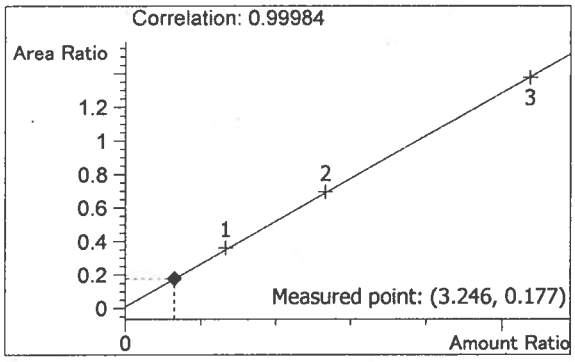
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/25/2014 1:13:18 PM Sample Name: ctrl 1 (0.04)
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 6
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

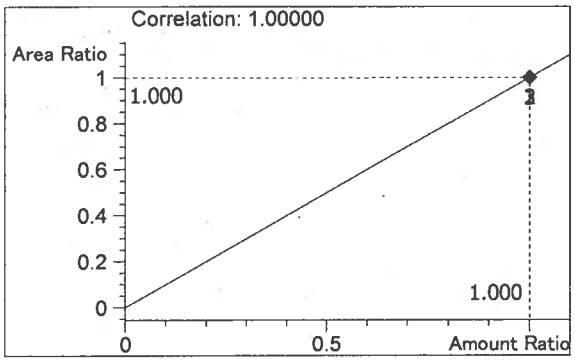


#	Compound	Peak Area	RT (min)
1	Ethanol	555	1.054
2	n-Propanol	3132	1.731



Ethanol 0.039 g/100mL

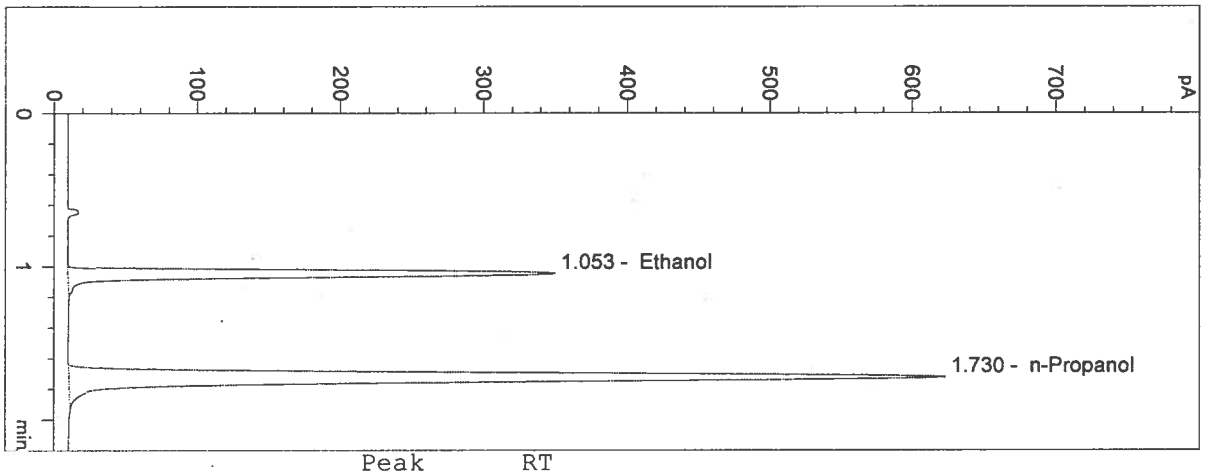
14033



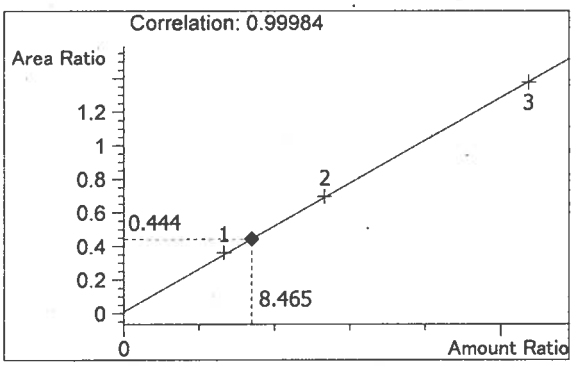
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/25/2014 1:16:32 PM Sample Name: ctrl 2 (0.10)
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 7
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

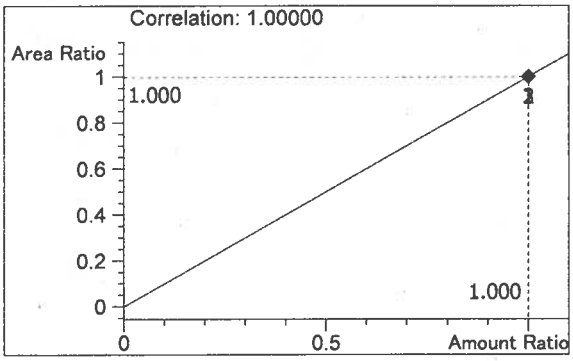


#	Compound	Peak Area	RT (min)
1	Ethanol	1086	1.053
2	n-Propanol	2448	1.730



Ethanol 0.102 g/100mL

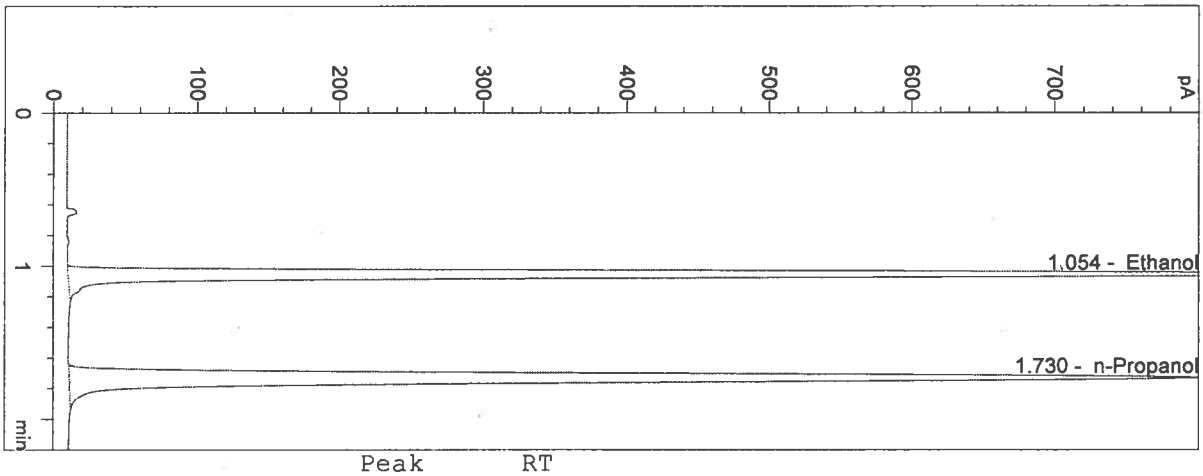
14033



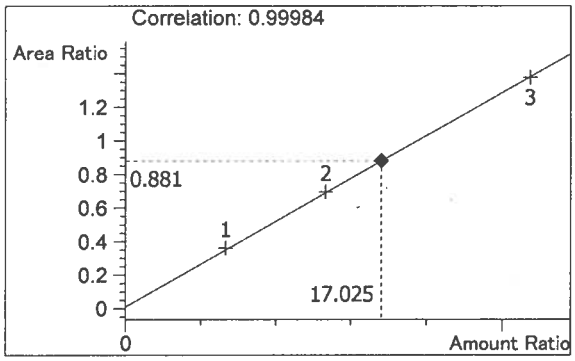
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/25/2014 1:19:45 PM Sample Name: ctrl 3 (0.20)
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 8
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

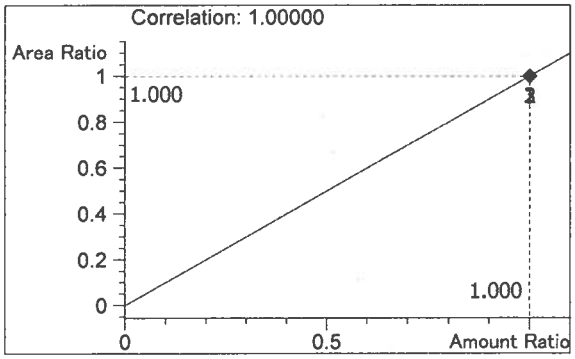


#	Compound	Peak Area	RT (min)
1	Ethanol	2760	1.054
2	n-Propanol	3134	1.730



Ethanol 0.204 g/100mL

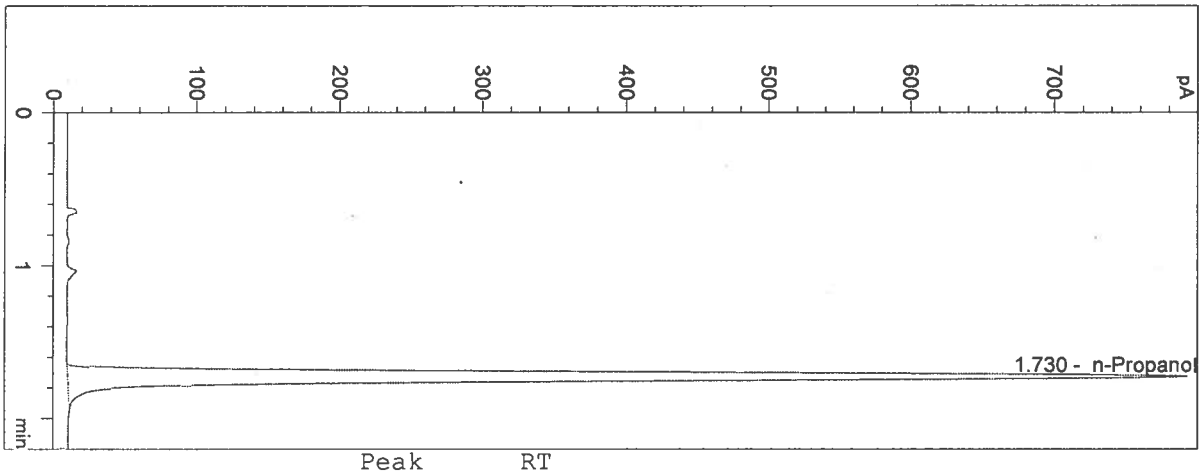
14033



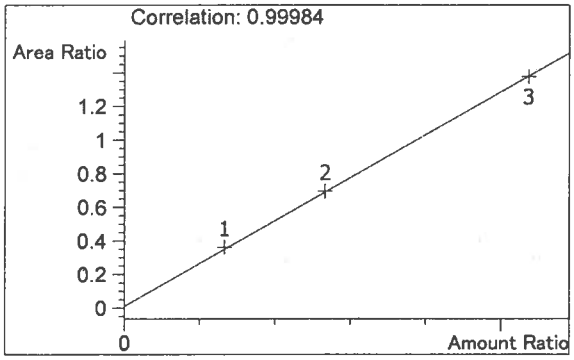
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/25/2014 1:22:58 PM Sample Name: neg ctrl
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 9
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

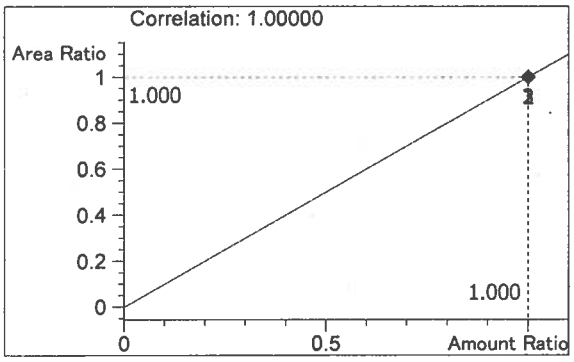


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3121	1.730



Ethanol 0.000 g/100mL

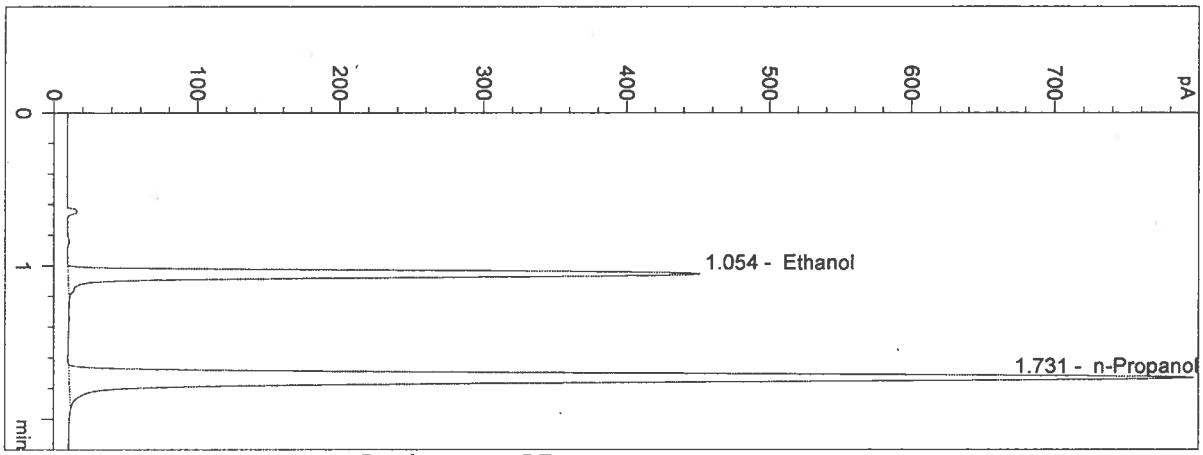
14033



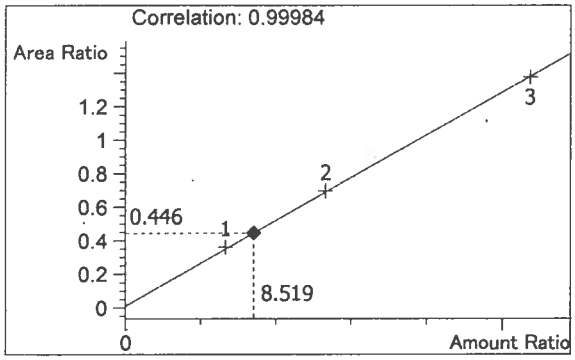
n-Propanol 0.012 g/100mL

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

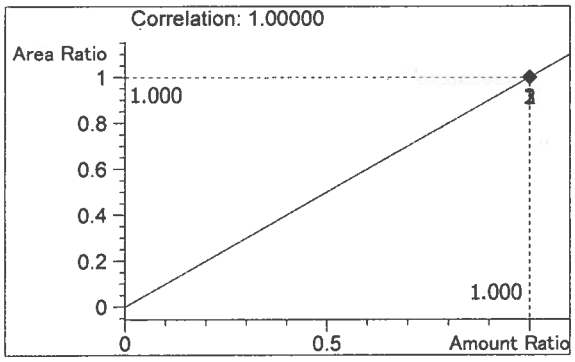
Inj. Date: 8/25/2014 1:26:12 PM Sample Name: 14033-1
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 10
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1397	1.054
2	n-Propanol	3130	1.731



Ethanol 0.102 g/100mL

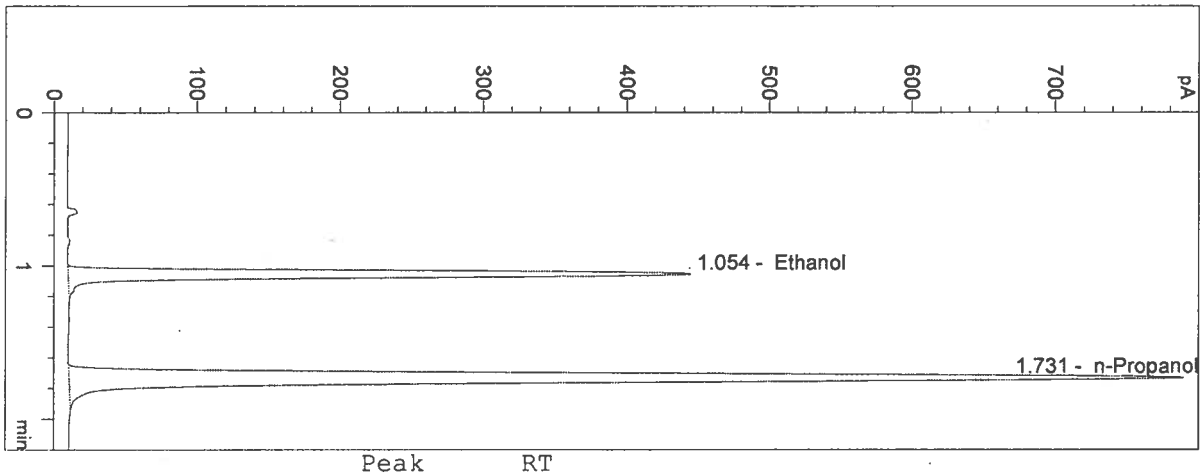


n-Propanol 0.012 g/100mL

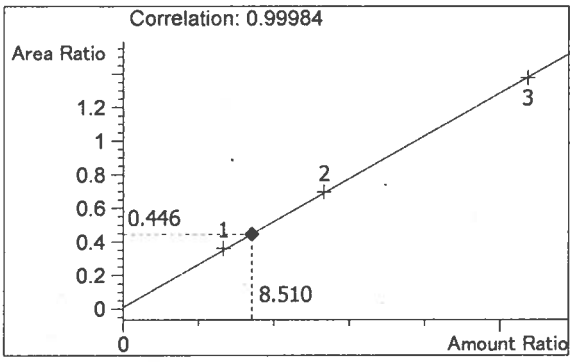
AL

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

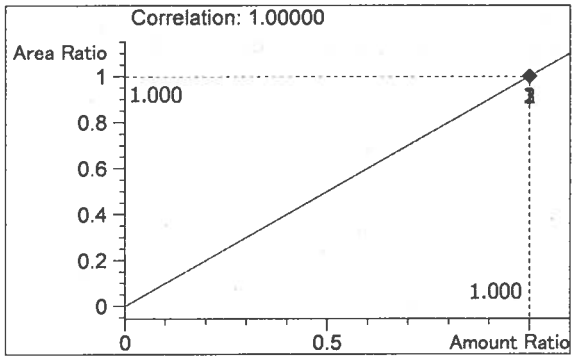
Inj. Date: 8/25/2014 1:29:25 PM Sample Name: 14033-2
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 11
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1384	1.054
2	n-Propanol	3104	1.731



Ethanol 0.102 g/100mL

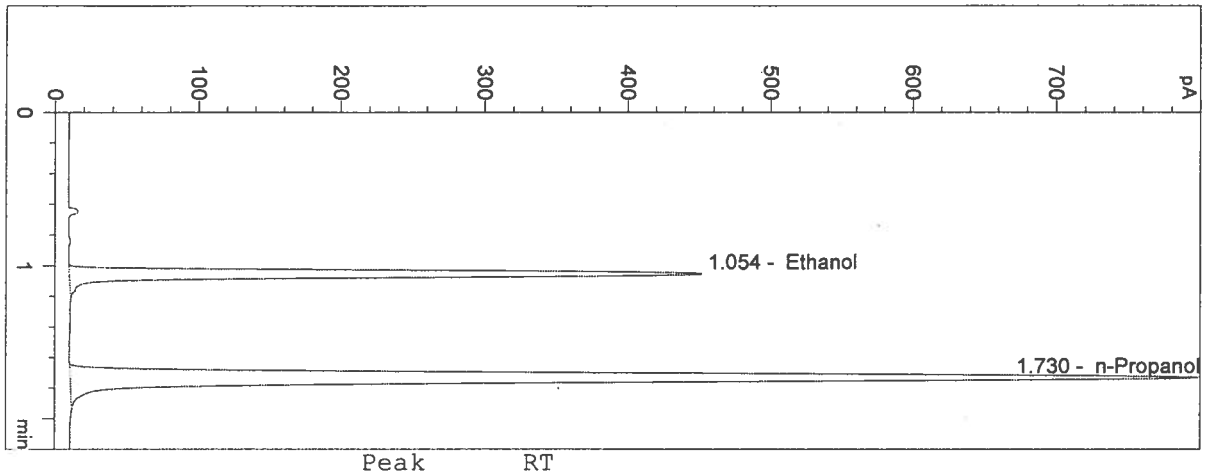


n-Propanol 0.012 g/100mL

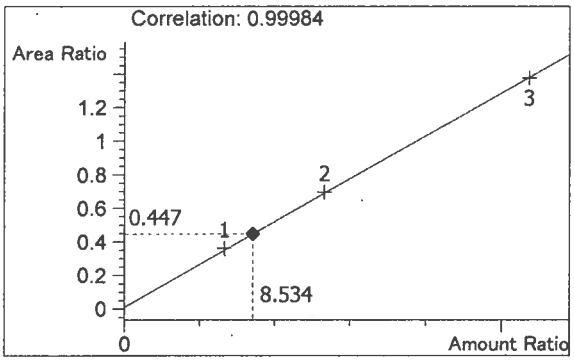
AL

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

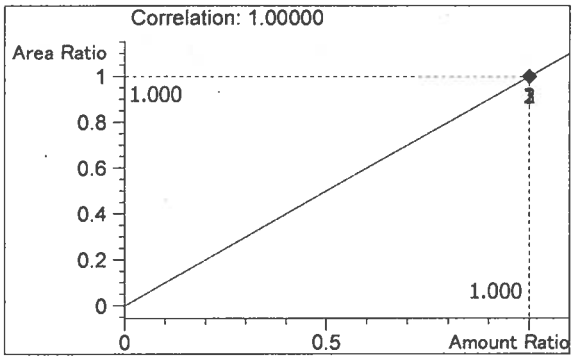
Inj. Date: 8/25/2014 1:32:38 PM Sample Name: 14033-3
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 12
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1403	1.054
2	n-Propanol	3138	1.730



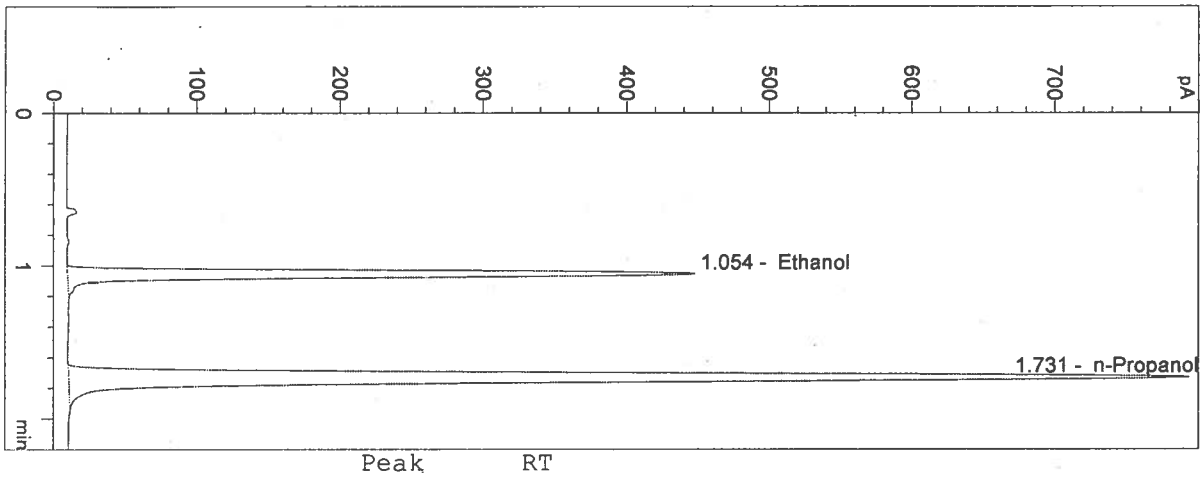
Ethanol 0.102 g/100mL



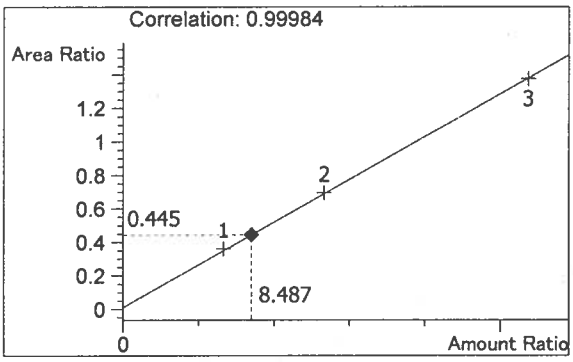
n-Propanol 0.012 g/100mL

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

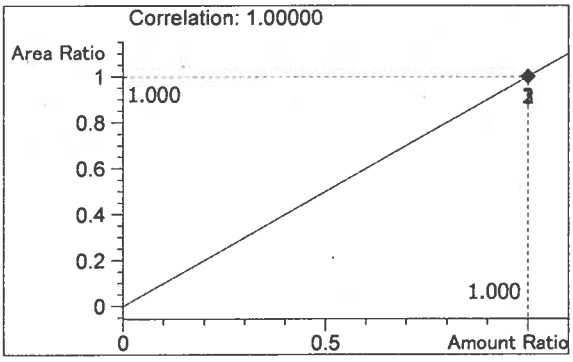
Inj. Date: 8/25/2014 1:35:51 PM Sample Name: 14033-4
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 13
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1391	1.054
2	n-Propanol	3127	1.731



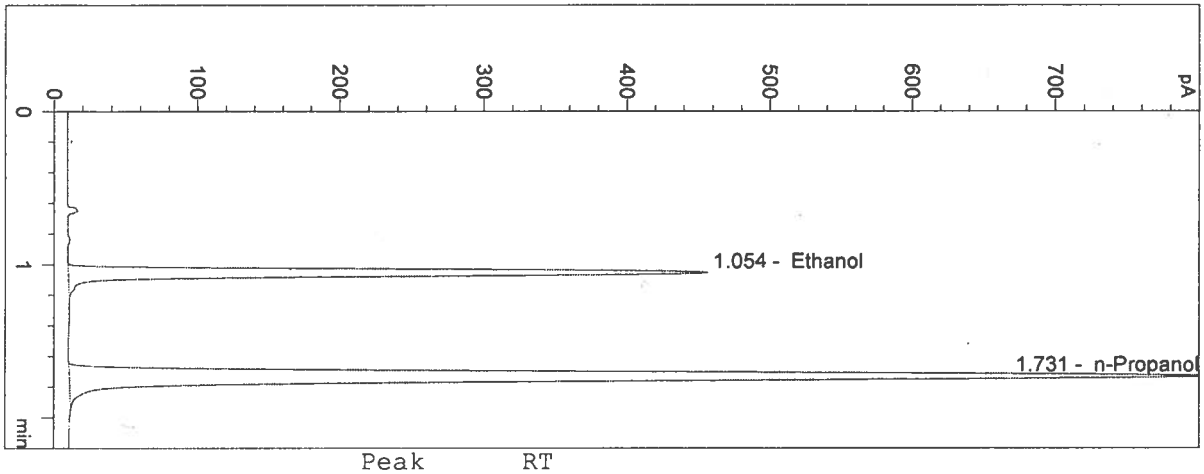
Ethanol 0.102 g/100mL



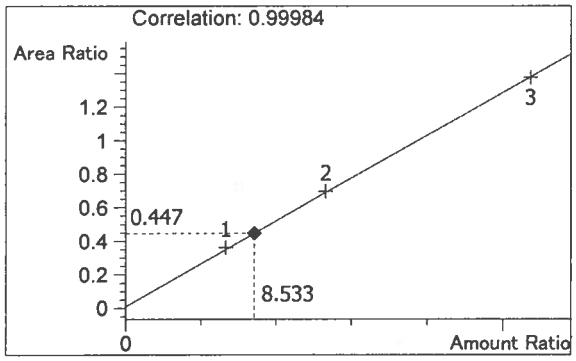
n-Propanol 0.012 g/100mL

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

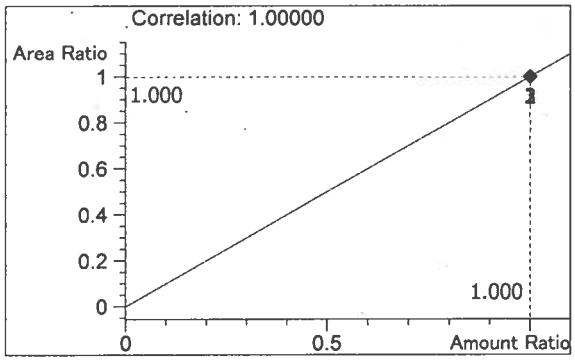
Inj. Date: 8/25/2014 1:39:05 PM Sample Name: 14033-5
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 14
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1418	1.054
2	n-Propanol	3172	1.731



Ethanol 0.102 g/100mL

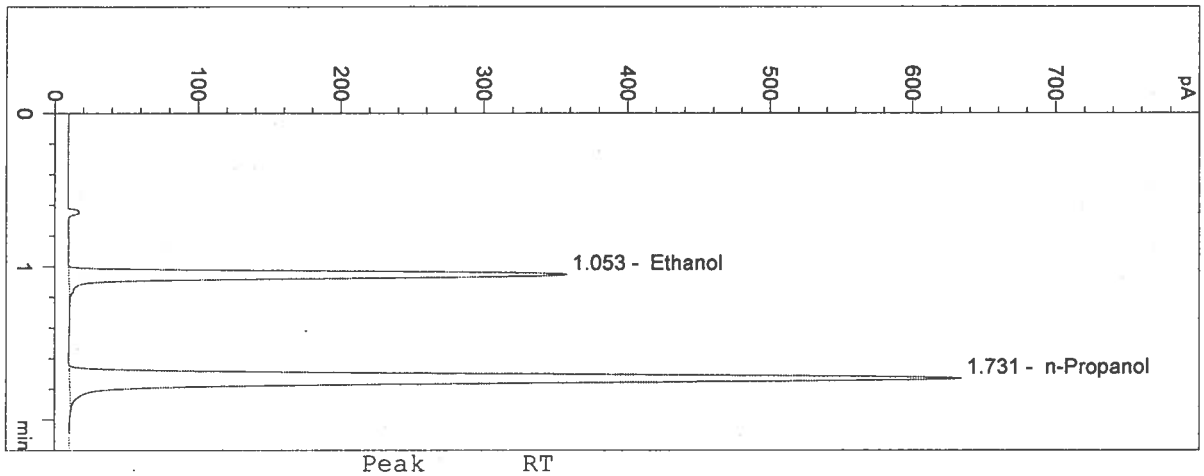


n-Propanol 0.012 g/100mL

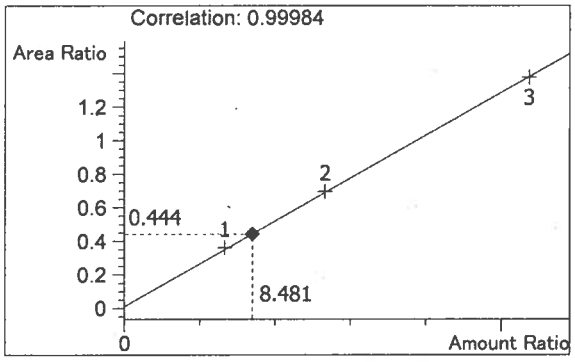
AL

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

Inj. Date: 8/25/2014 1:42:19 PM Sample Name: ctrl 2 (0.10)
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 15
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

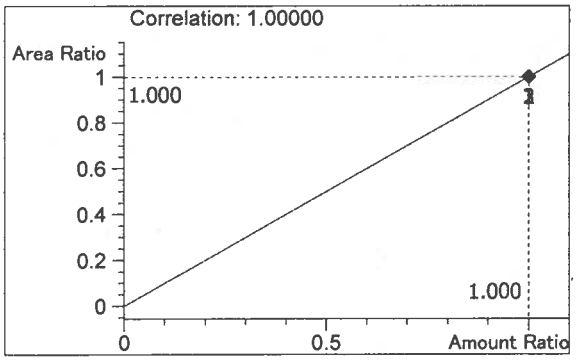


#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.053
2	n-Propanol	2488	1.731



Ethanol 0.102 g/100mL

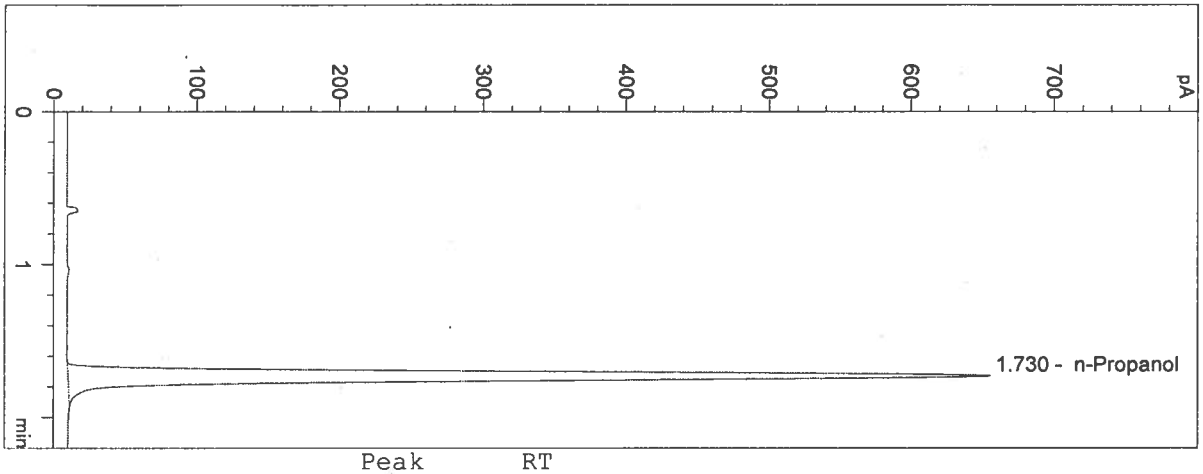
14033



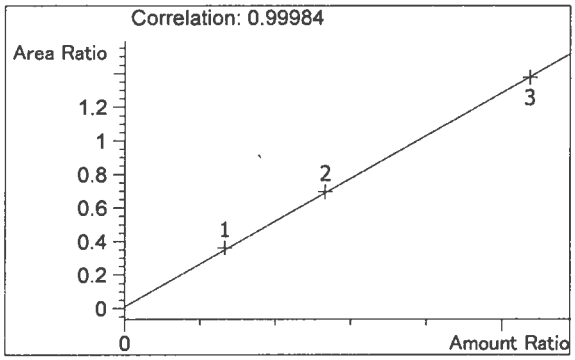
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/25/2014 1:45:31 PM Sample Name: neg ctrl
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 16
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

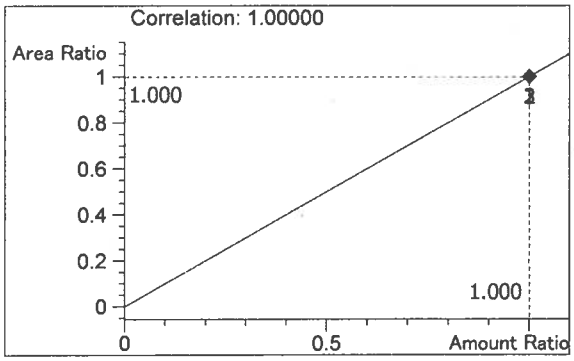


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2564	1.730



Ethanol 0.000 g/100mL

14033



n-Propanol 0.012 g/100mL

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

Sequence Parameters:

Operator:	Katie Knorr
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	140826KK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1 (0.079g/100mL) Lot#E0814-01 Exp 2/19/15
Cal 2 (0.158g/100mL) Lot#E0814-02 Exp 2/19/15
Cal 3 (0.316g/100mL) Lot#E0814-03 Exp 2/19/15
0.04 g/100mL Control 1 - Lot #FN05011301 - Exp. 05/2018
0.10 g/100mL Control 2 - Lot ~~#FN8051301~~ - Exp. 10/2018 FN0805/301 KK 9/8/14
0.20 g/100mL Control 3 - Lot #FN03211401 - Exp. 06/2019
ISTD Lot#P0814 Exp 10/30/14

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	14033-1	SIMALC1	1	Sample		
11	Vial 11	14033-2	SIMALC1	1	Sample		
12	Vial 12	14033-3	SIMALC1	1	Sample		
13	Vial 13	14033-4	SIMALC1	1	Sample		
14	Vial 14	14033-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		

14033

Calibration Part:

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

KK

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

Sequence Table (Back Injector):

No entries - empty table!

14033

KK

Calibration Table

Calib. Data Modified : Tuesday, August 26, 2014 2:27:46 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

14033

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.037	1	1	7.95500e-2	897.02521	8.86820e-5	1		Ethanol
		2	1.59740e-1	1716.32751	9.30708e-5			
		3	3.21980e-1	3391.40283	9.49401e-5			
1.700	1	1	1.20000e-2	2507.36328	4.78590e-6	I1		n-Propanol
		2	1.20000e-2	2429.25757	4.93978e-6			
		3	1.20000e-2	2437.67188	4.92273e-6			

Peak Sum Table

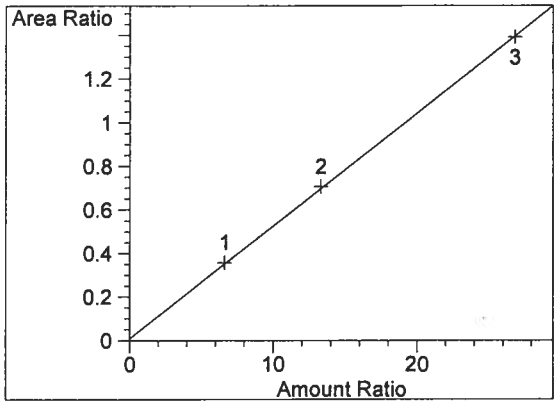
No Entries in table

KK

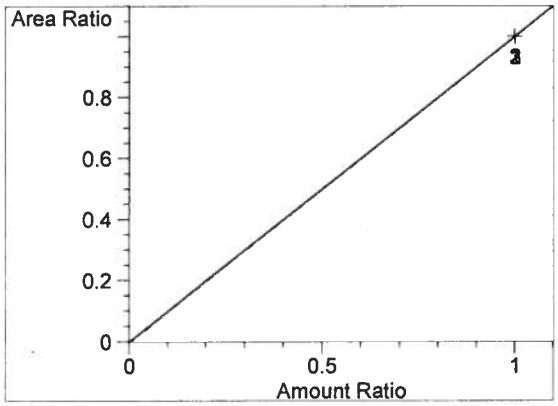
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.037
FID1 A,
Correlation: 0.99989
Residual Std. Dev.: 0.01067
Formula: y = mx + b
m: 5.17376e-2
b: 8.90696e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.700
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

==========

14033

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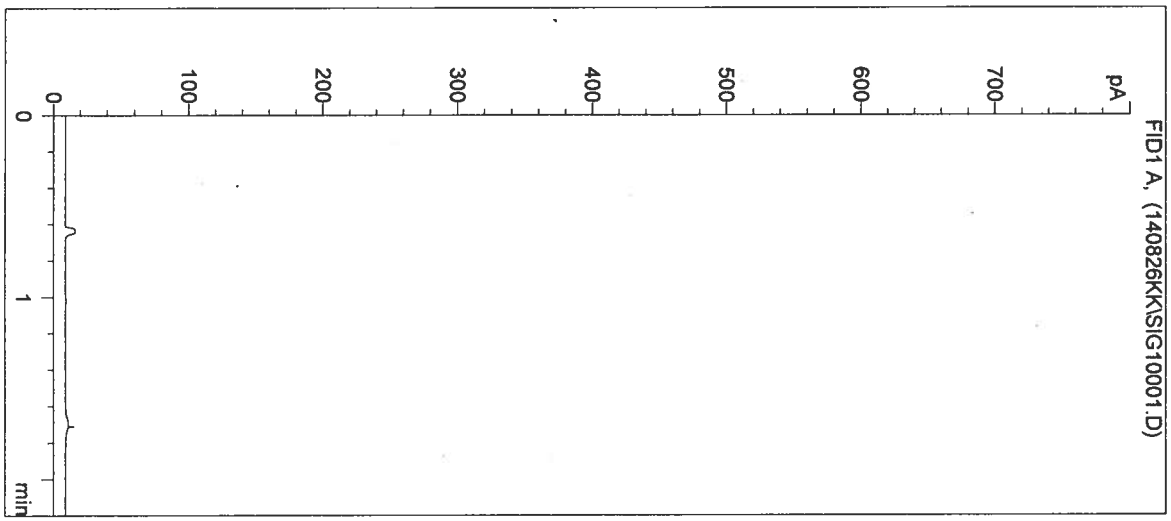
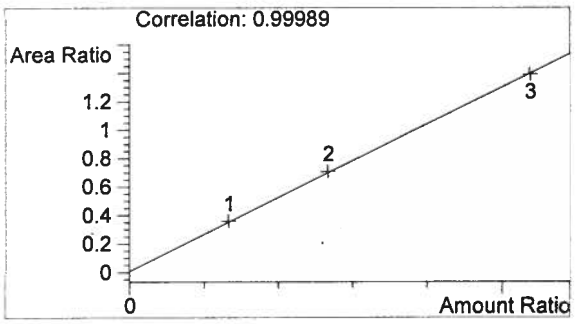
Inj. Date: 8/26/2014 2:15:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

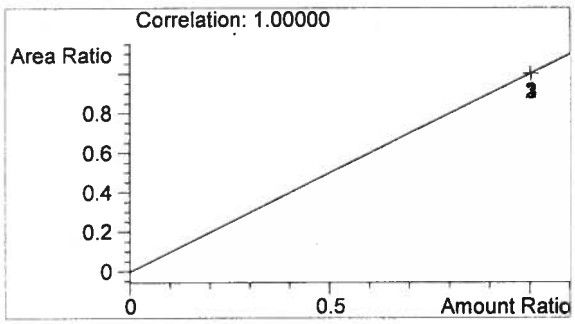


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14033



n-Propanol 0.000 g/100mL

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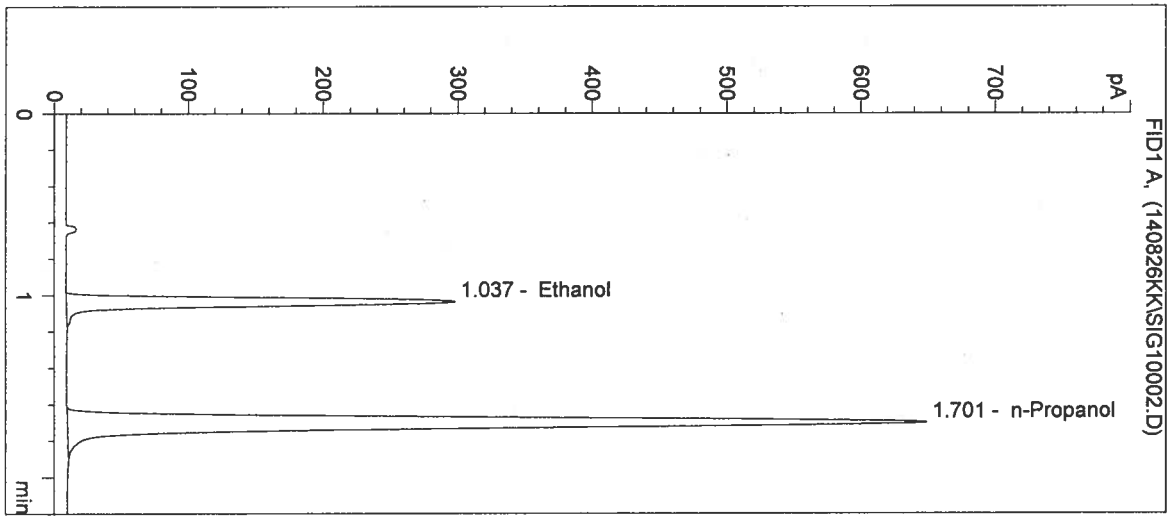
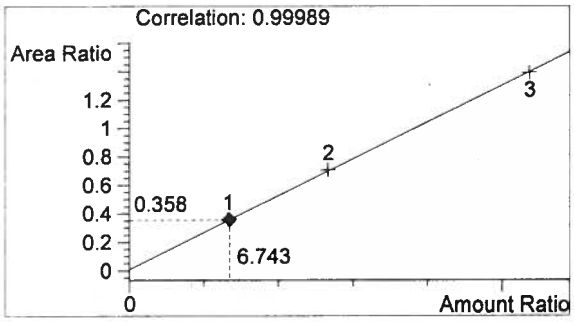
Inj. Date: 8/26/2014 2:19:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

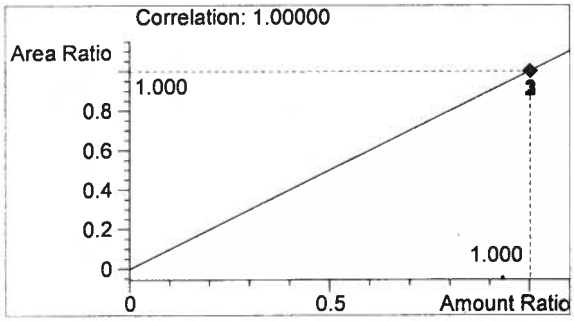


#	Compound	Peak Area	RT (min)
1	Ethanol	897	1.037
2	n-Propanol	2507	1.701



Ethanol 0.081 g/100mL

14033



n-Propanol 0.012 g/100mL

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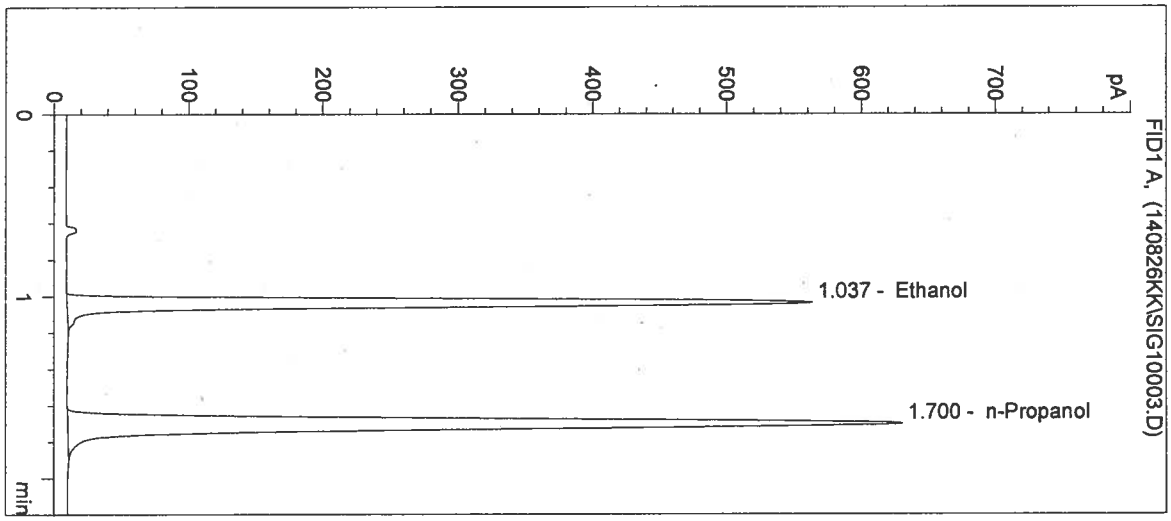
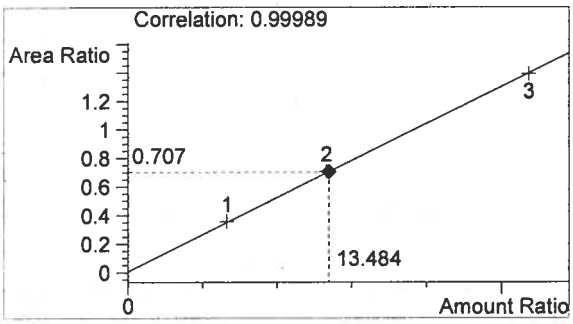
Inj. Date: 8/26/2014 2:22:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

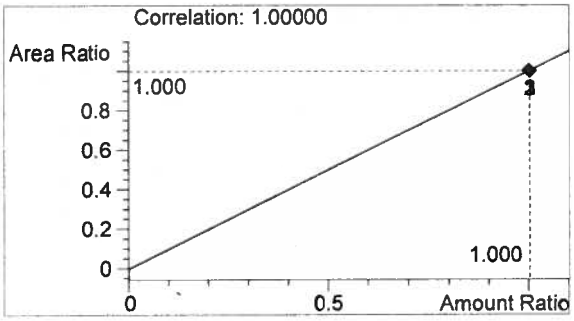


#	Compound	Peak Area	RT (min)
1	Ethanol	1716	1.037
2	n-Propanol	2429	1.700



Ethanol 0.162 g/100mL

14033



n-Propanol 0.012 g/100mL

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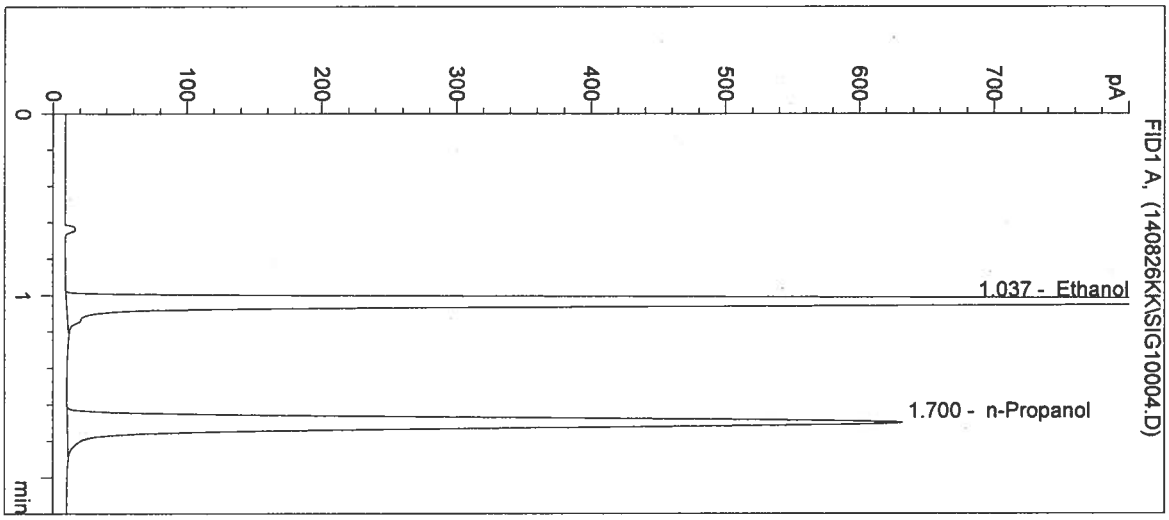
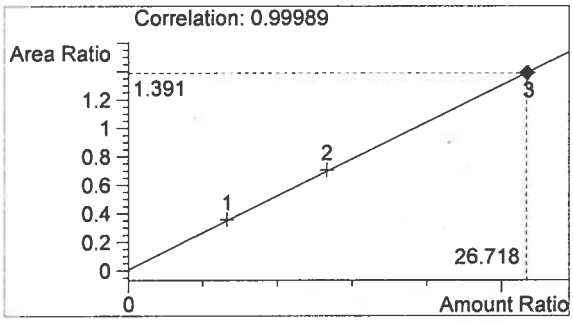
Inj. Date: 8/26/2014 2:25:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

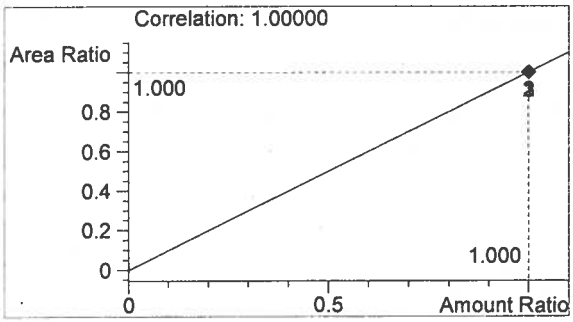


#	Compound	Peak Area	RT (min)
1	Ethanol	3391	1.037
2	n-Propanol	2438	1.700



Ethanol 0.321 g/100mL

14033



n-Propanol 0.012 g/100mL

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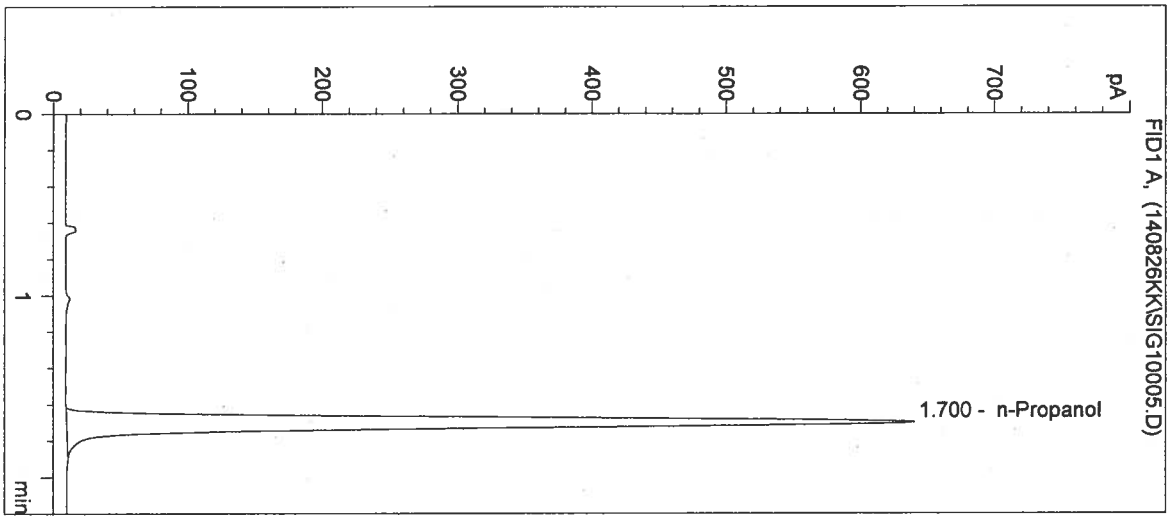
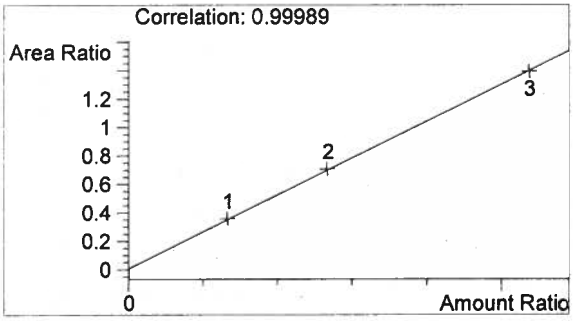
Inj. Date: 8/26/2014 2:28:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

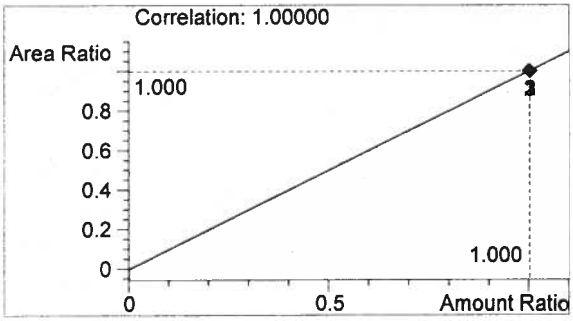


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2489	1.700



Ethanol 0.000 g/100mL

14033



n-Propanol 0.012 g/100mL

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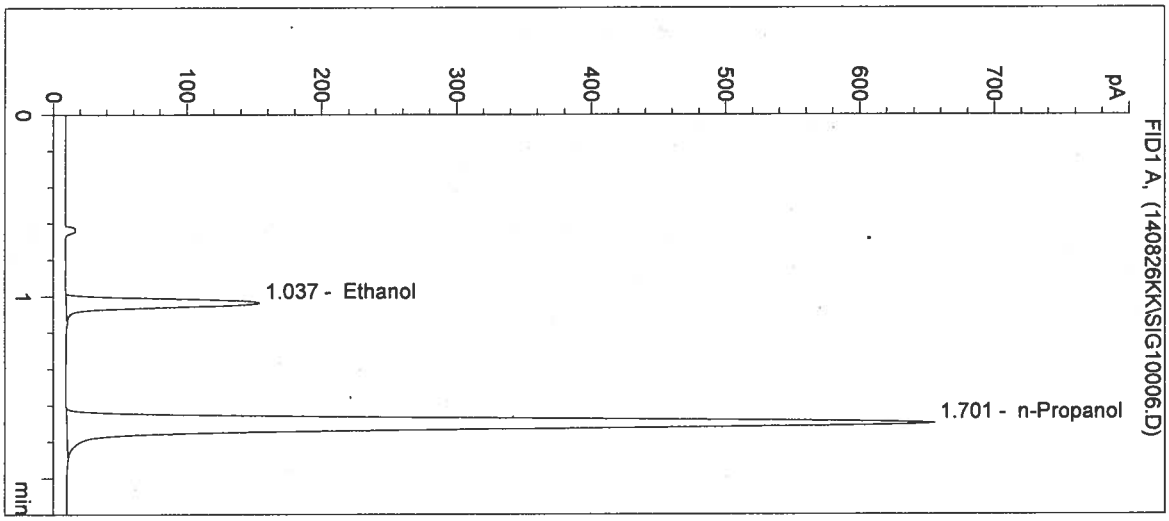
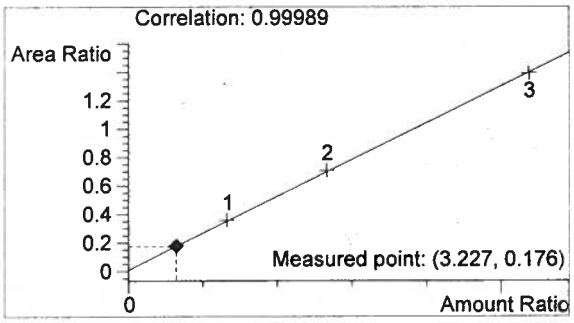
Inj. Date: 8/26/2014 2:32:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

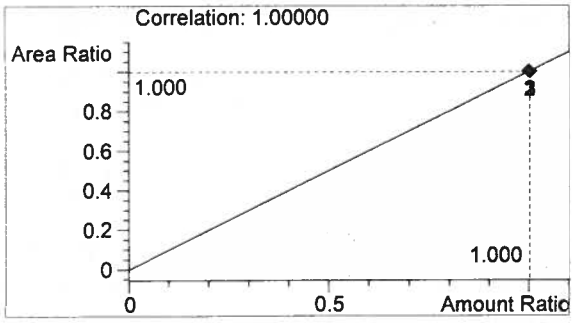


#	Compound	Peak Area	RT (min)
1	Ethanol	446	1.037
2	n-Propanol	2539	1.701



Ethanol 0.039 g/100mL

14033



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\140826KK\SIG10006.D

KK

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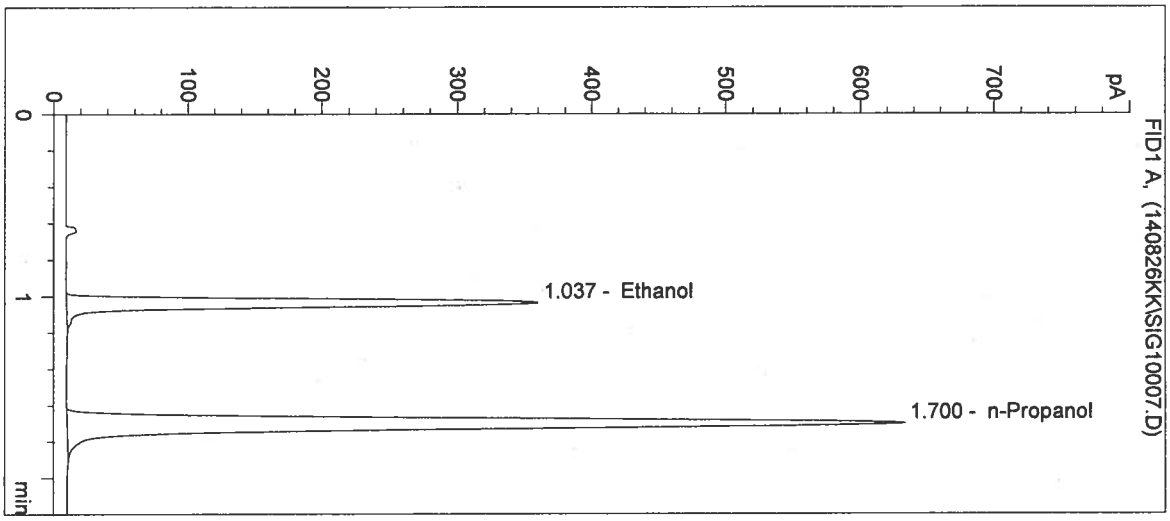
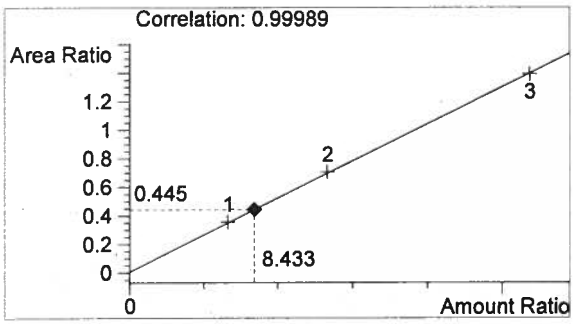
Inj. Date: 8/26/2014 2:35:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

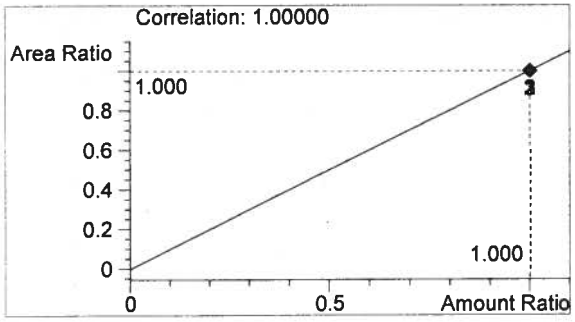


#	Compound	Peak Area	RT (min)
1	Ethanol	1087	1.037
2	n-Propanol	2441	1.700



Ethanol 0.101 g/100mL

14033



n-Propanol 0.012 g/100mL

KK

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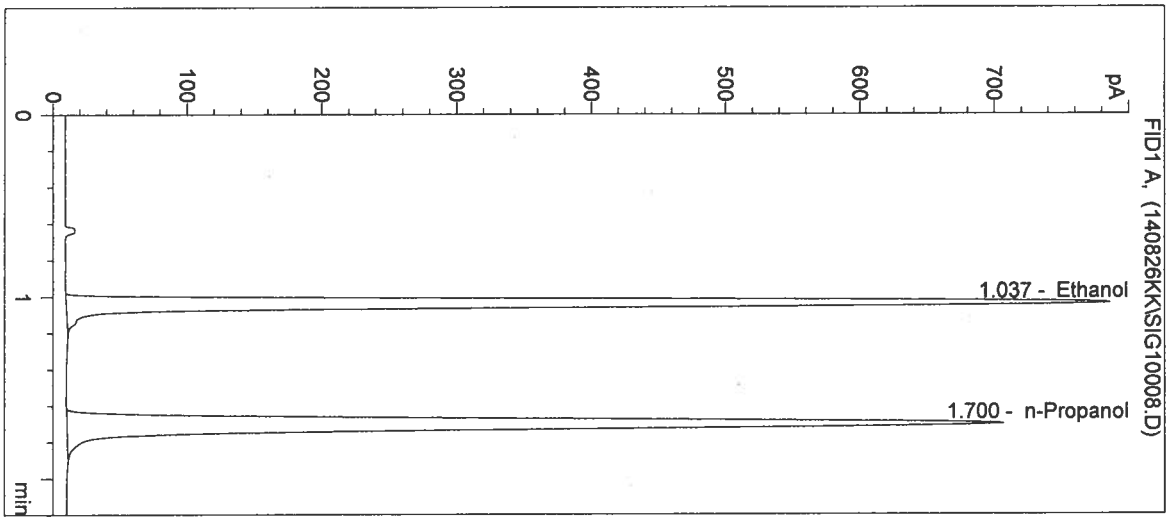
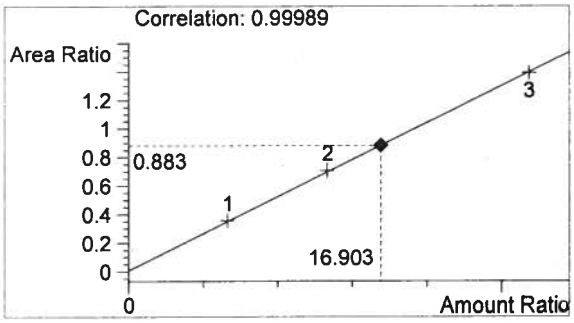
Inj. Date: 8/26/2014 2:38:26 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

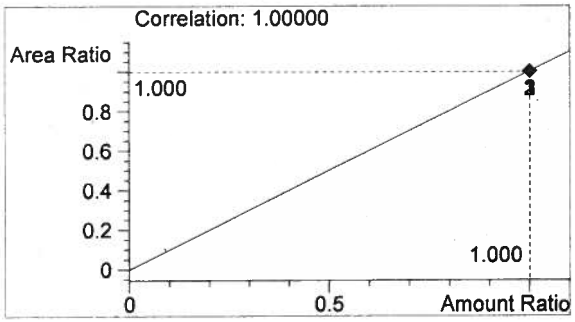


#	Compound	Peak Area	RT (min)
1	Ethanol	2405	1.037
2	n-Propanol	2723	1.700



Ethanol 0.203 g/100mL

14033



n-Propanol 0.012 g/100mL

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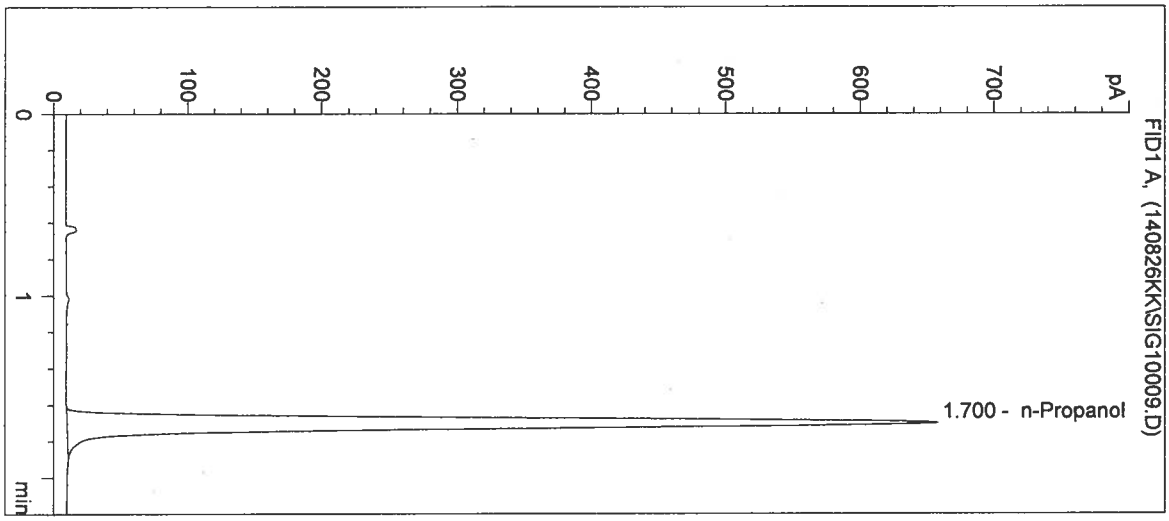
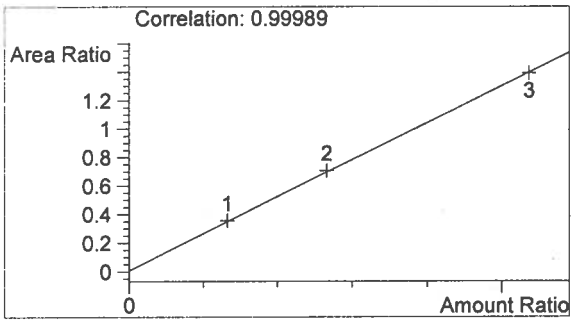
Inj. Date: 8/26/2014 2:41:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

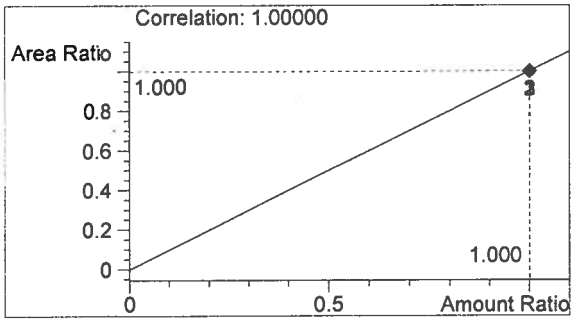


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2546	1.700



Ethanol 0.000 g/100mL

14033



n-Propanol 0.012 g/100mL

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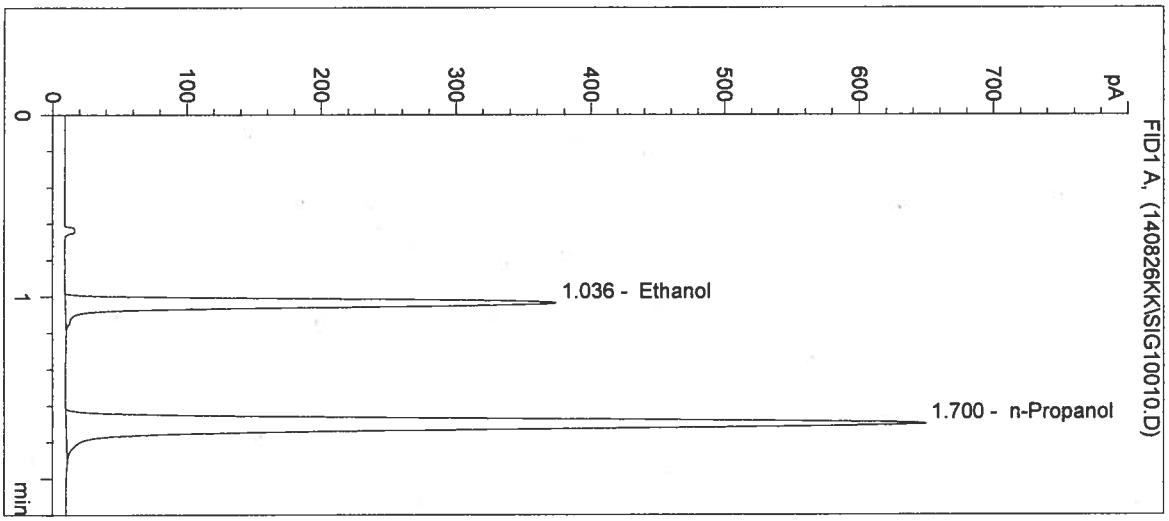
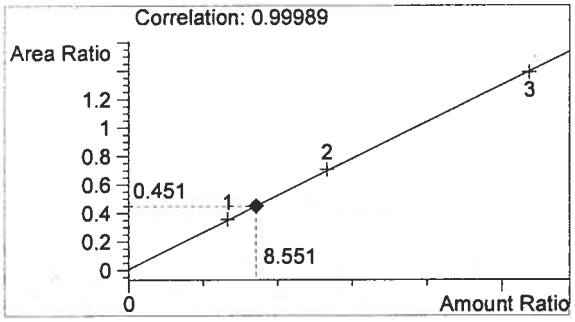
Inj. Date: 8/26/2014 2:44:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

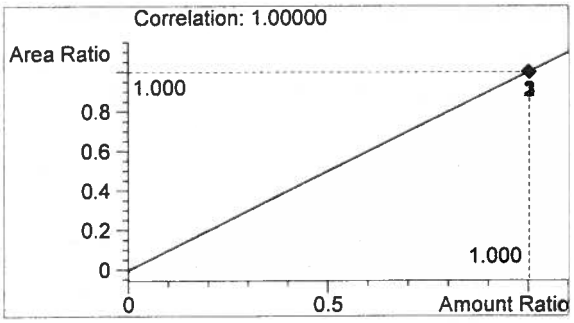
Sample Name: 14033-1
Operator: Katie Knorr
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1135	1.036
2	n-Propanol	2514	1.700



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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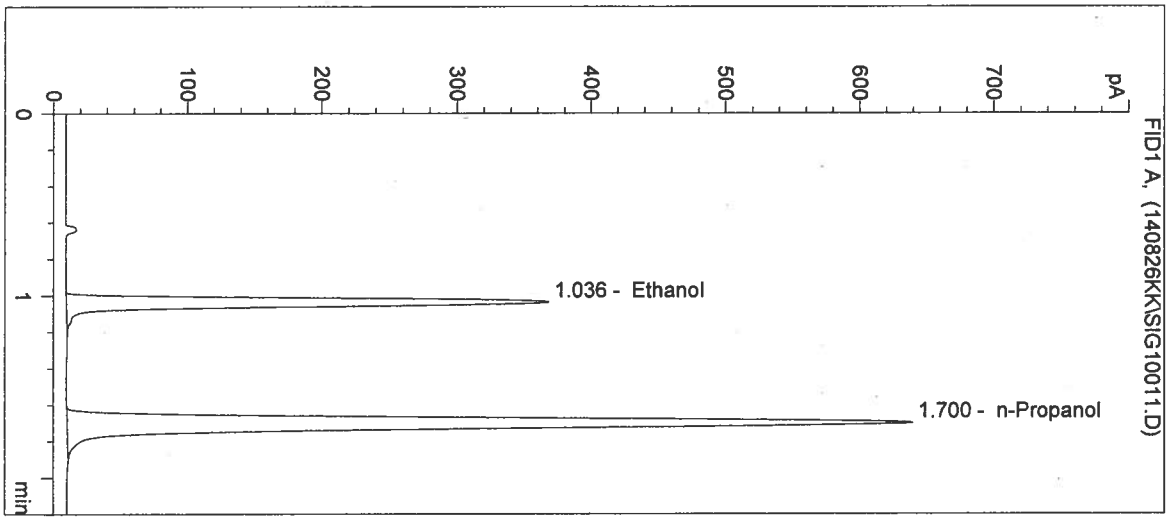
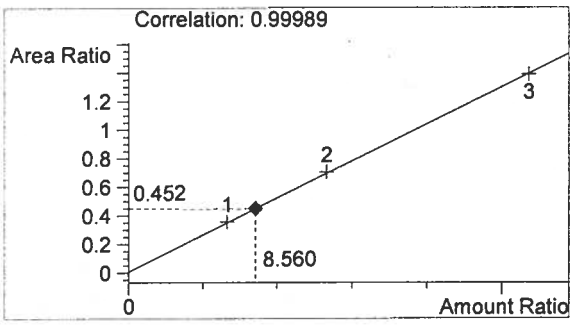
Inj. Date: 8/26/2014 2:48:06 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

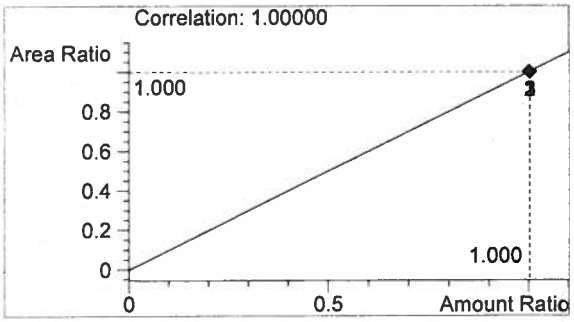
Sample Name: 14033-2
Operator: Katie Knorr
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1119	1.036
2	n-Propanol	2477	1.700



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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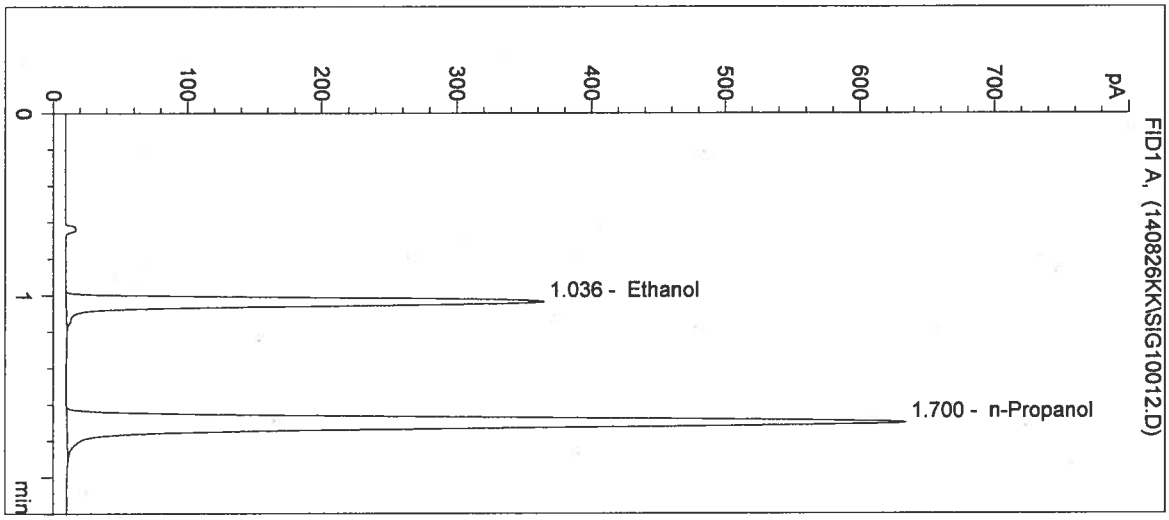
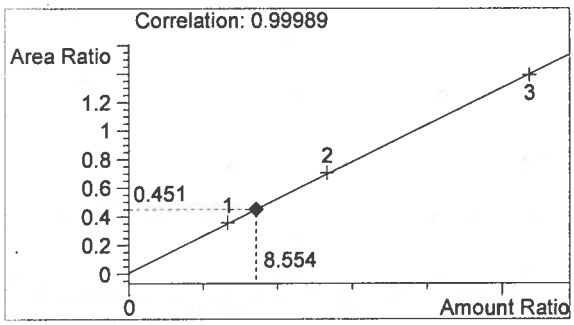
Inj. Date: 8/26/2014 2:51:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

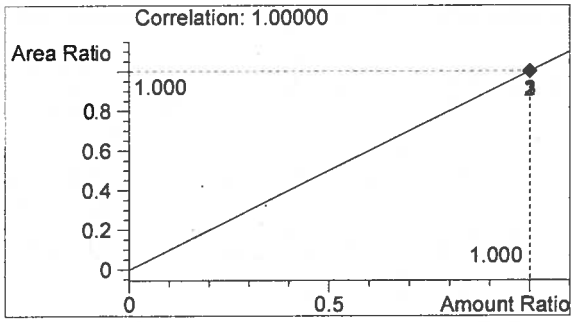
Sample Name: 14033-3
Operator: Katie Knorr
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1105	1.036
2	n-Propanol	2448	1.700



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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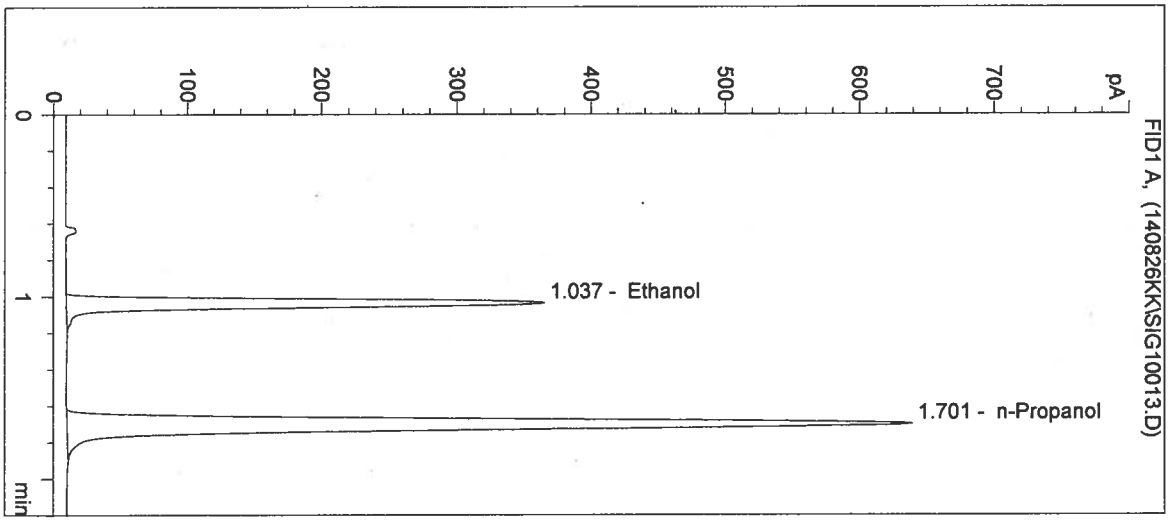
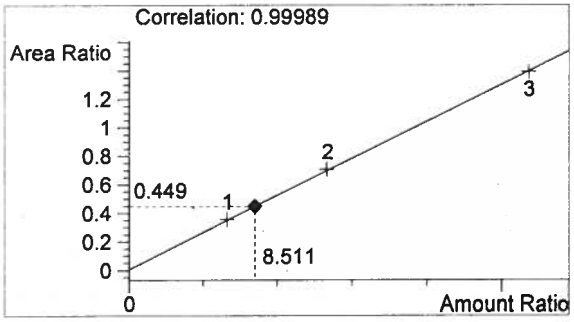
Inj. Date: 8/26/2014 2:54:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

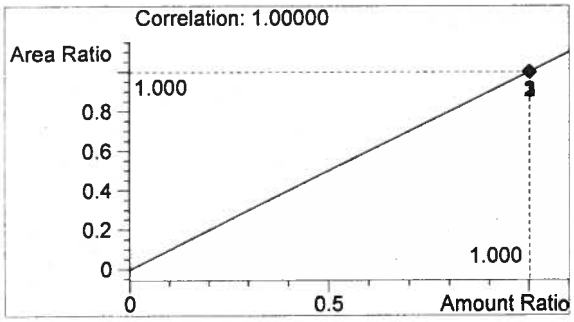
Sample Name: 14033-4
Operator: Katie Knorr
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1117	1.037
2	n-Propanol	2487	1.701



Ethanol 0.102 g/100mL



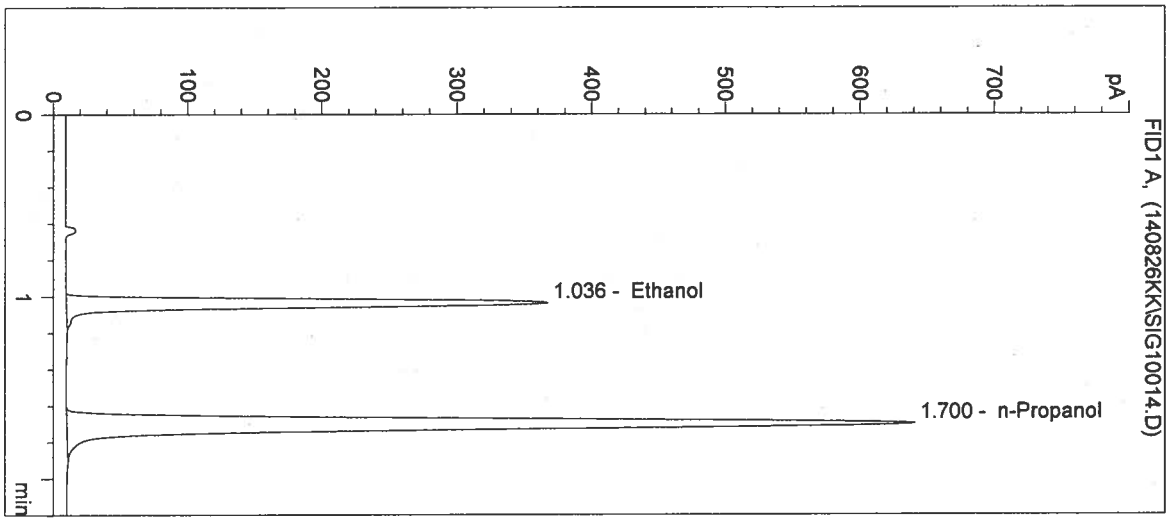
n-Propanol 0.012 g/100mL

KK

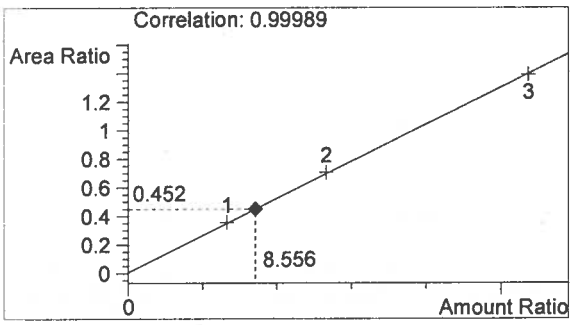
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/26/2014 2:57:49 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

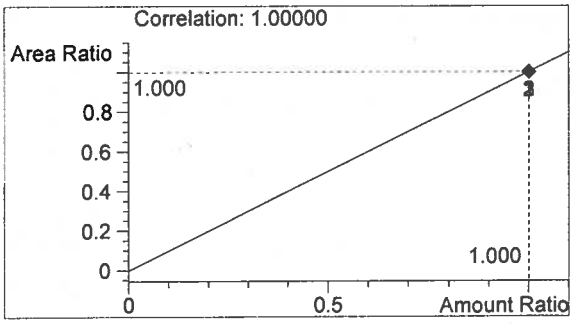
Sample Name: 14033-5
Operator: Katie Knorr
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1121	1.036
2	n-Propanol	2483	1.700



Ethanol 0.103 g/100mL



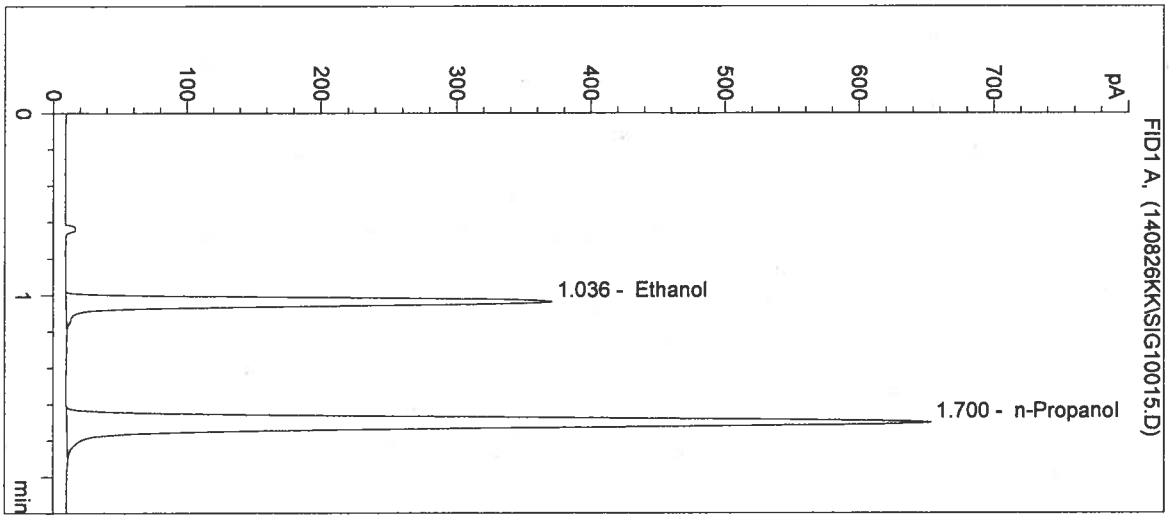
n-Propanol 0.012 g/100mL

KK

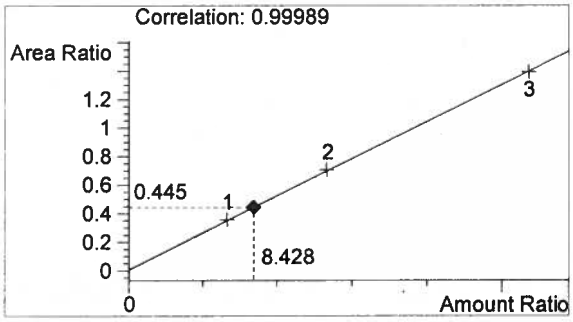
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/26/2014 3:00:58 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

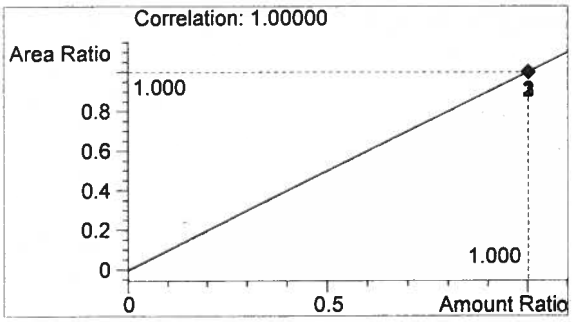


#	Compound	Peak Area	RT (min)
1	Ethanol	1127	1.036
2	n-Propanol	2532	1.700



Ethanol 0.101 g/100mL

14033



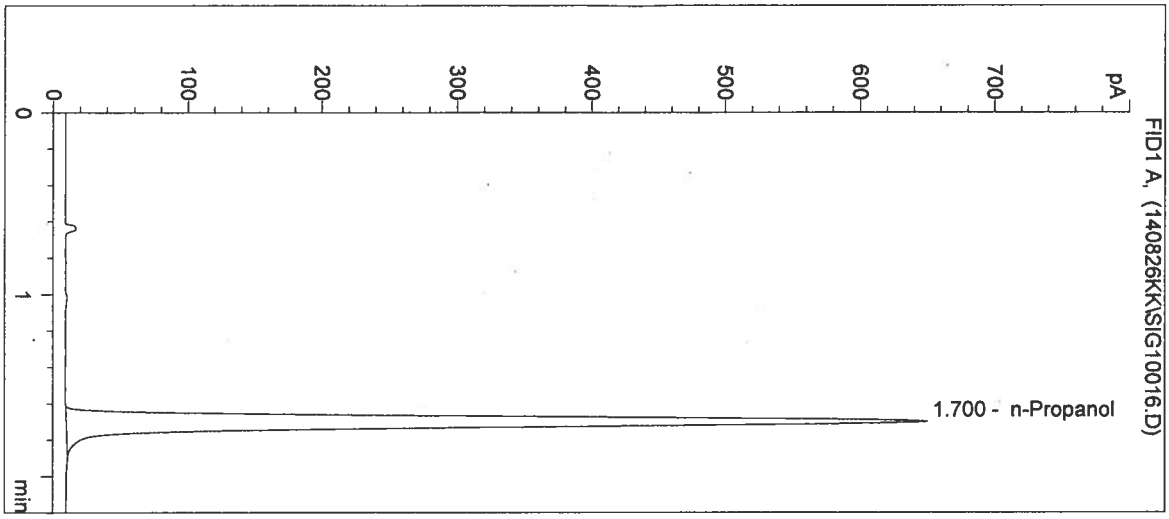
n-Propanol 0.012 g/100mL

KK

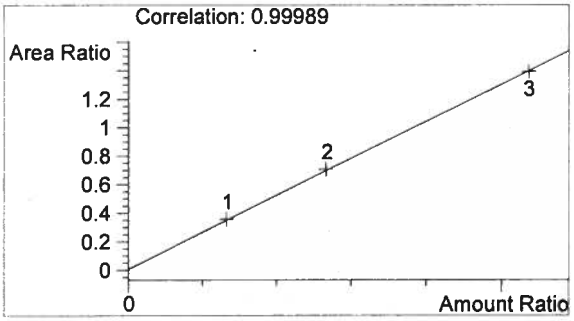
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/26/2014 3:04:12 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

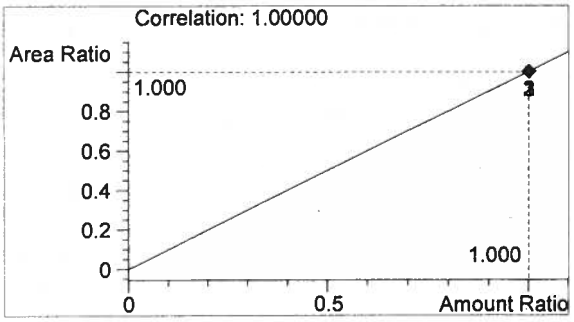


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2514	1.700



Ethanol 0.000 g/100mL

14033



n-Propanol 0.012 g/100mL

KK

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

Sequence Parameters:

Operator:	Christie Mitchell-Mata
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	140827CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1-Lot#E0814-01 Exp. 2/19/2015
Ethanol Calibrator 2-Lot#E0814-02 Exp. 2/19/2015
Ethanol Calibrator 3-Lot#E0814-03 Exp. 2/19/2015
0.04 Ethanol Control Lot#FN05011301 Exp 05/2018
0.10 Ethanol Control Lot#FN08051301 Exp 10/2018
0.20 Ethanol Control Lot#FN03211401 Exp 06/2019
n-propanol ISTD Lot#P0814 Exp. 10/30/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Calib		
3	Vial 3	CAL 2 (0.158)	SIMALC1	1	Calib		
4	Vial 4	CAL 3 (0.316)	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - CM	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
10	Vial 10	14033 #1	SIMALC1	1	Sample		
11	Vial 11	14033 #2	SIMALC1	1	Sample		
12	Vial 12	14033 #3	SIMALC1	1	Sample		
13	Vial 13	14033 #4	SIMALC1	1	Sample		
14	Vial 14	14033 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		

14033

Calibration Part:

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

CM

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

Sequence Table (Back Injector):

No entries - empty table!

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Calibration Table

Calib. Data Modified : Wednesday, August 27, 2014 10:46:07 AM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

14033

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.036	1	1	7.95500e-2	884.88934	8.98982e-5		1	Ethanol
		2	1.59740e-1	1738.78772	9.18686e-5			
		3	3.21980e-1	3404.69580	9.45694e-5			
1.700	1	1	1.20000e-2	2477.91943	4.84277e-6	I1		n-Propanol
		2	1.20000e-2	2467.61890	4.86299e-6			
		3	1.20000e-2	2436.55762	4.92498e-6			

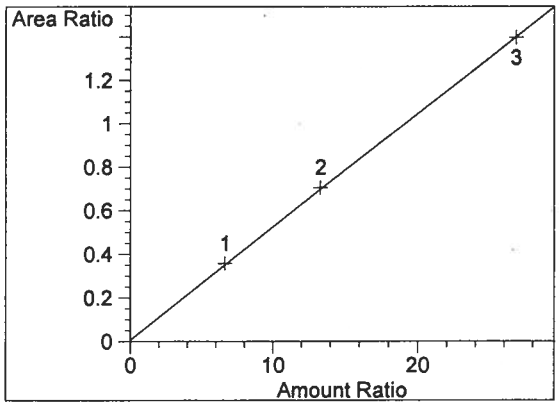
Peak Sum Table

No Entries in table

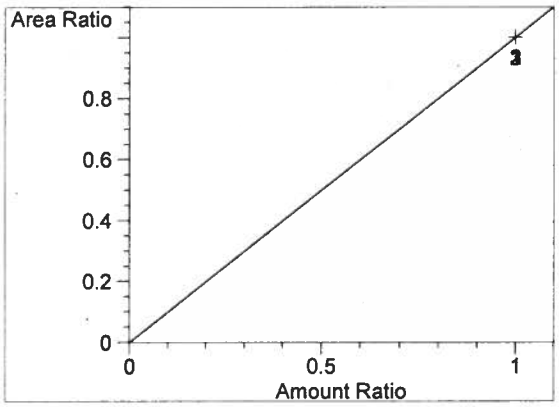
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.036
FID1 A,
Correlation: 0.99994
Residual Std. Dev.: 0.00810
Formula: y = mx + b
m: 5.19722e-2
b: 7.05531e-3
x: Amount Ratio
y: Area Ratio



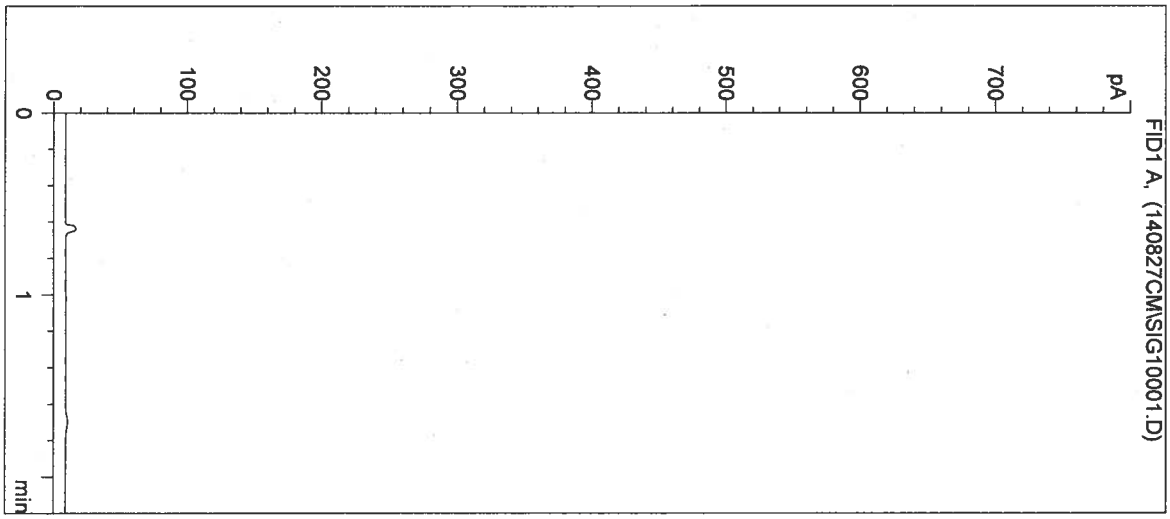
n-Propanol at exp. RT: 1.700
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

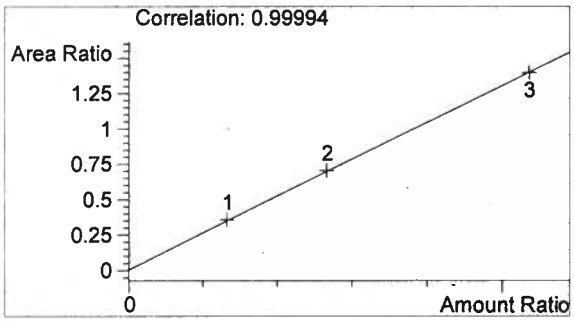
14033

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

Inj. Date: 8/27/2014 10:34:00 AM
Sample Name: BLANK
Instrument: HSGC#1
Operator: Christie Mitchell-Mata
Column: DB-ALC1
Location: Vial 1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

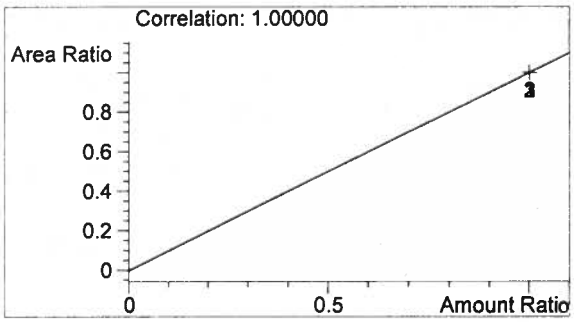


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14033



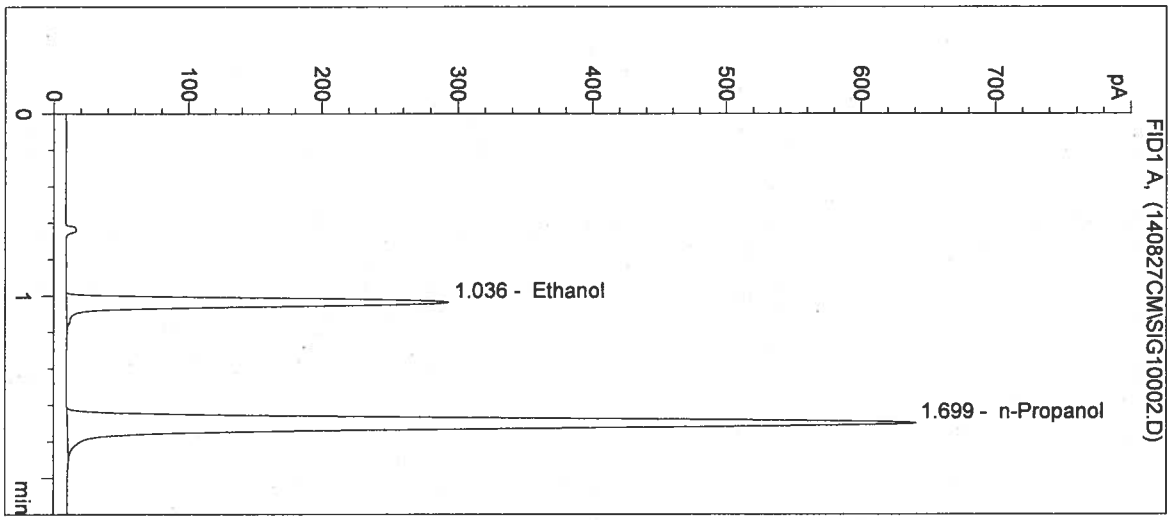
n-Propanol 0.000 g/100mL

Data File: C:\HPCHEM\1\DATA\140827CM\SIG10001.D

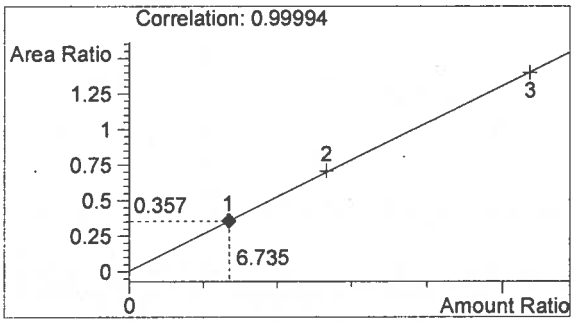
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 10:37:19 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

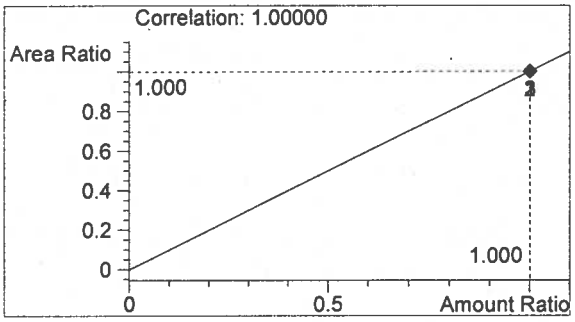


#	Compound	Peak Area	RT (min)
1	Ethanol	885	1.036
2	n-Propanol	2478	1.699



Ethanol 0.081 g/100mL

14033

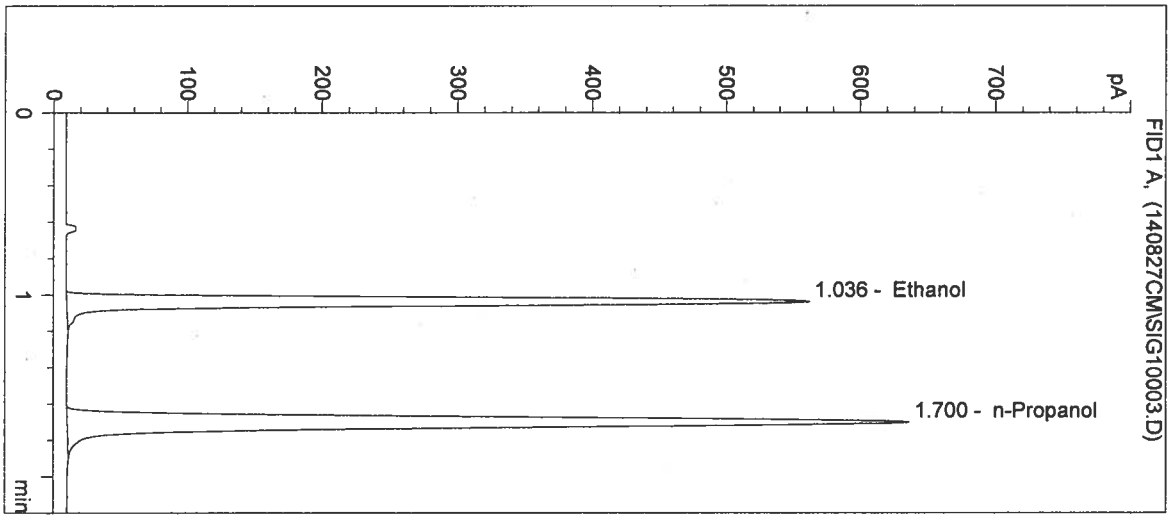


n-Propanol 0.012 g/100mL

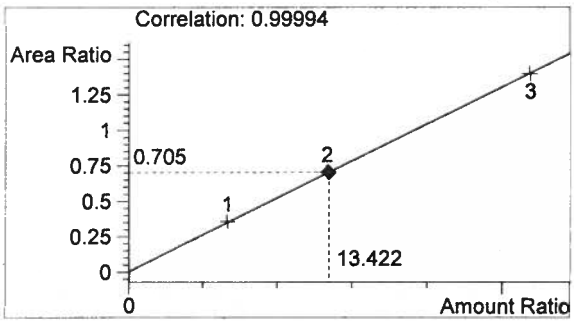
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 10:40:36 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

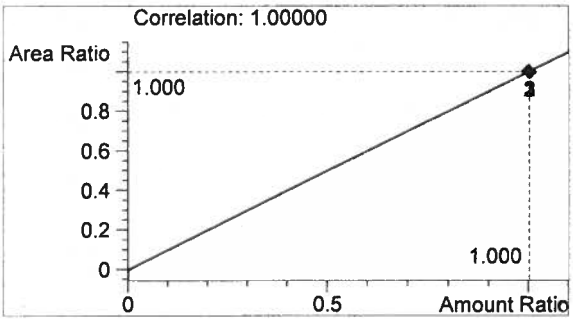


#	Compound	Peak Area	RT (min)
1	Ethanol	1739	1.036
2	n-Propanol	2468	1.700



Ethanol 0.161 g/100mL

14033

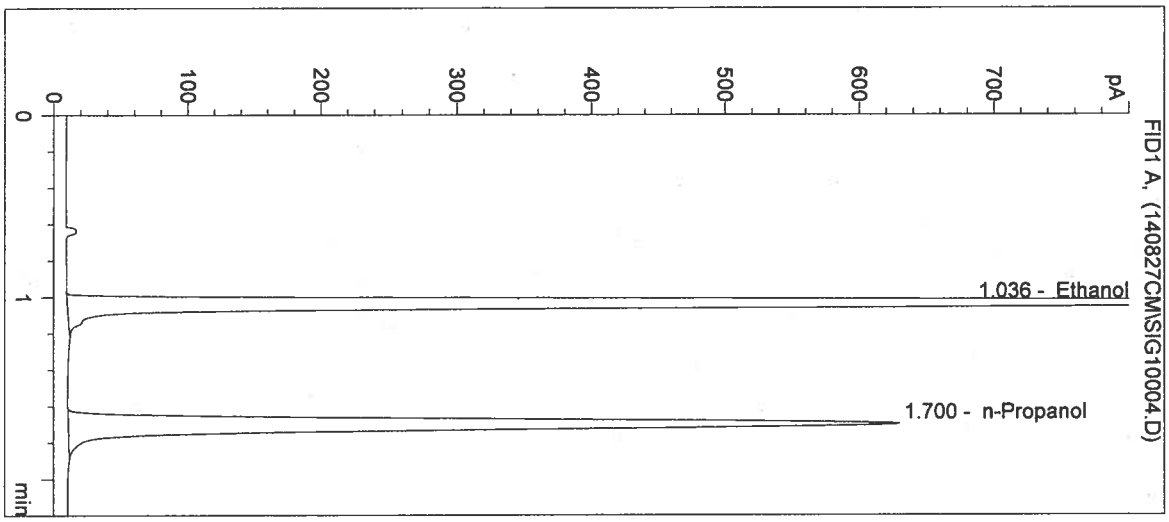


n-Propanol 0.012 g/100mL

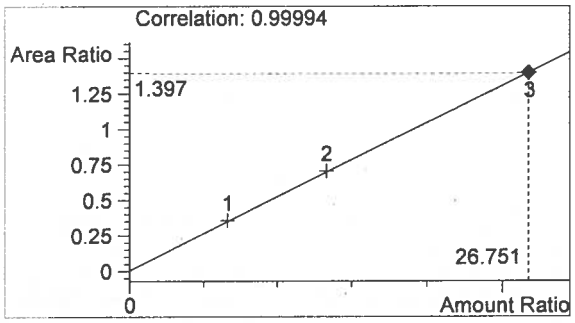
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 10:43:54 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

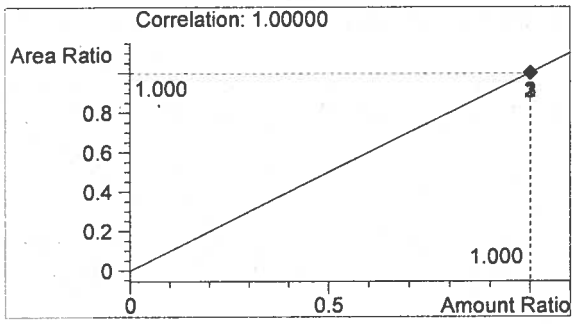


#	Compound	Peak Area	RT (min)
1	Ethanol	3405	1.036
2	n-Propanol	2437	1.700



Ethanol 0.321 g/100mL

14033

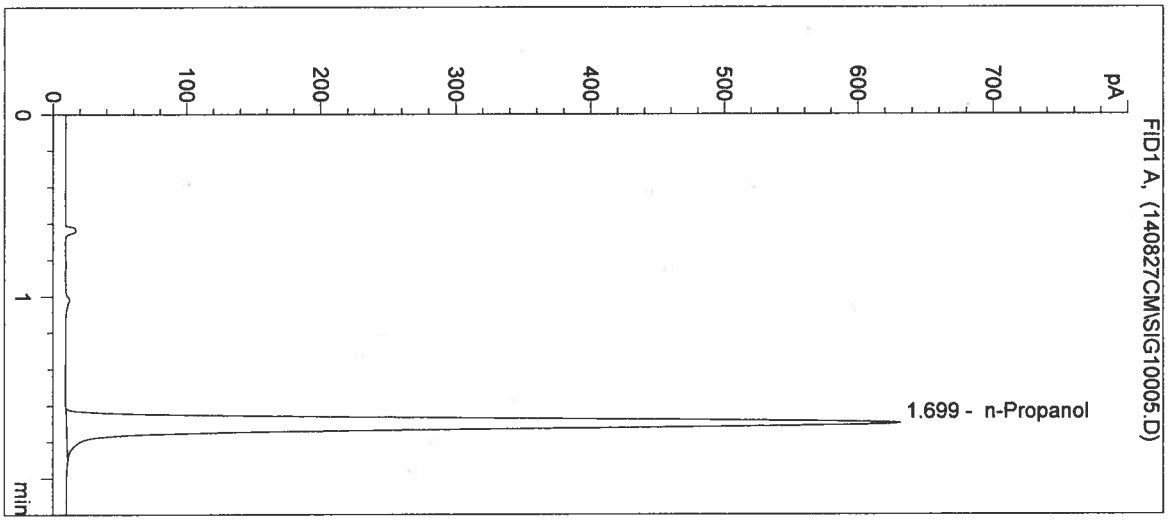


n-Propanol 0.012 g/100mL

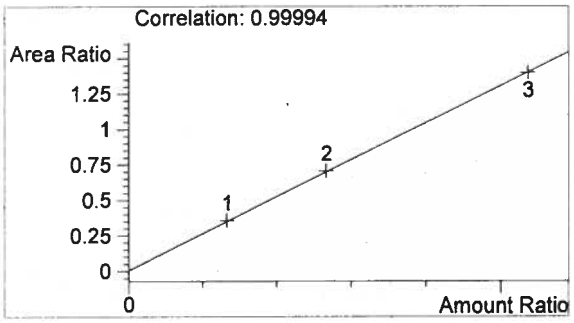
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 10:47:06 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

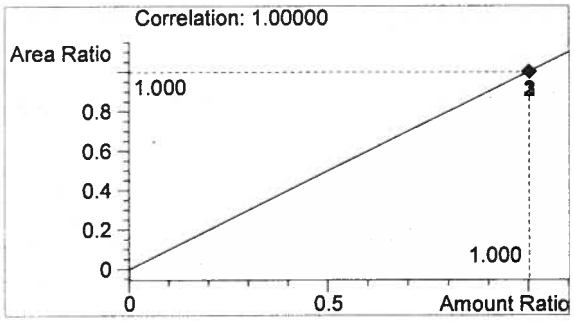


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2445	1.699



Ethanol 0.000 g/100mL

14033



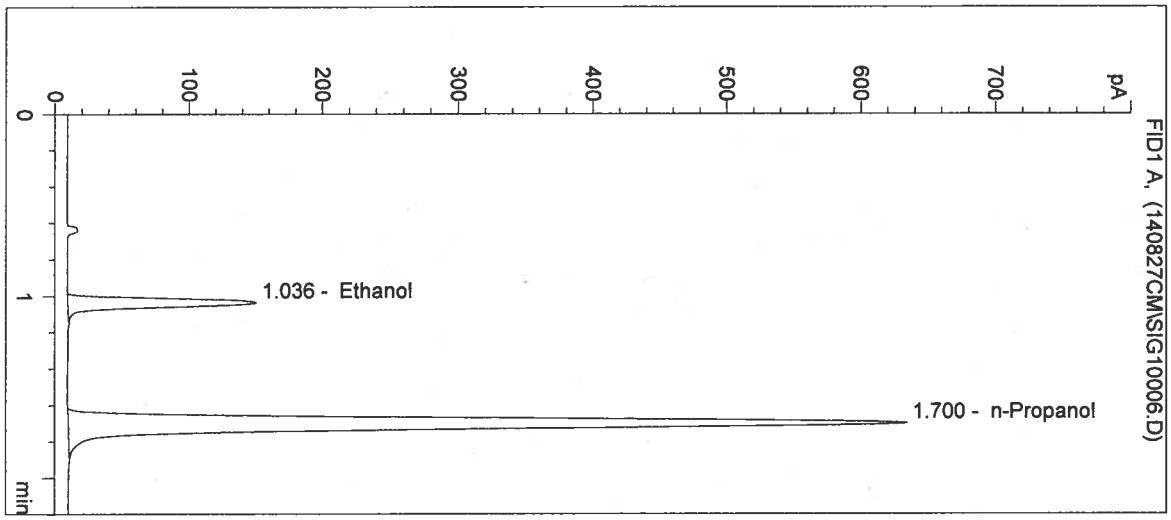
n-Propanol 0.012 g/100mL

CM

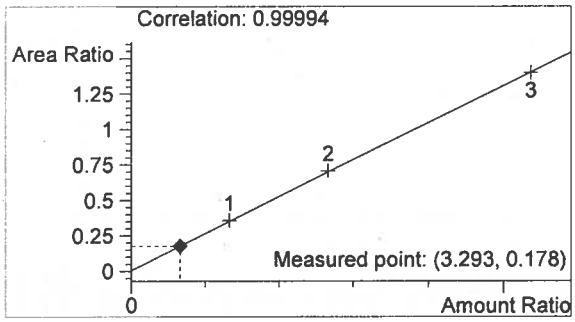
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 10:50:19 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

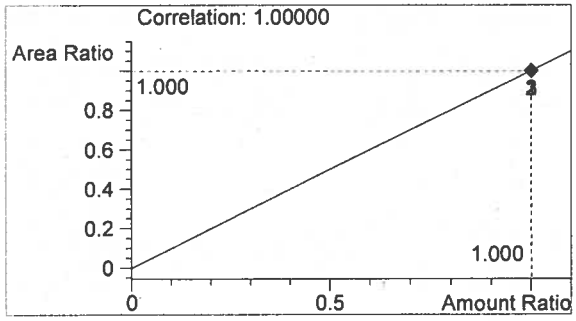


#	Compound	Peak Area	RT (min)
1	Ethanol	439	1.036
2	n-Propanol	2462	1.700



Ethanol 0.040 g/100mL

14033



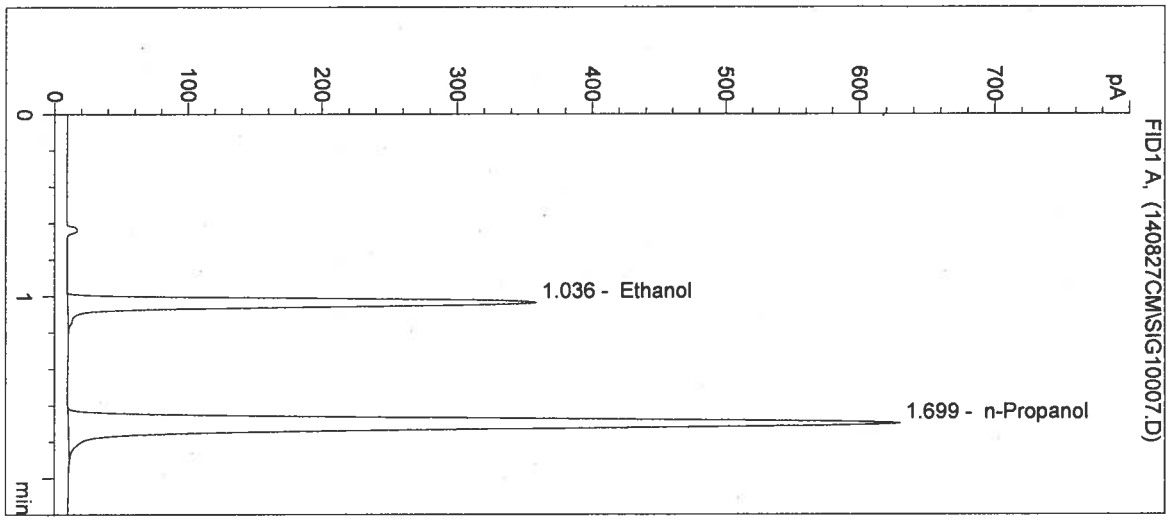
n-Propanol 0.012 g/100mL

CM

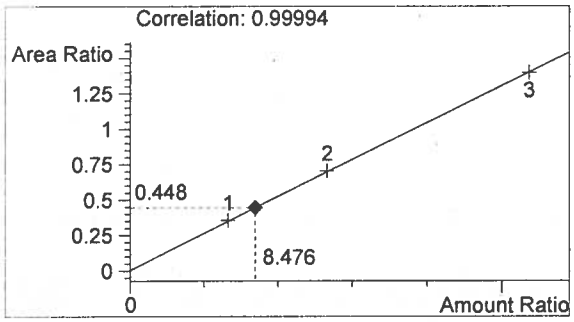
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 10:53:33 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

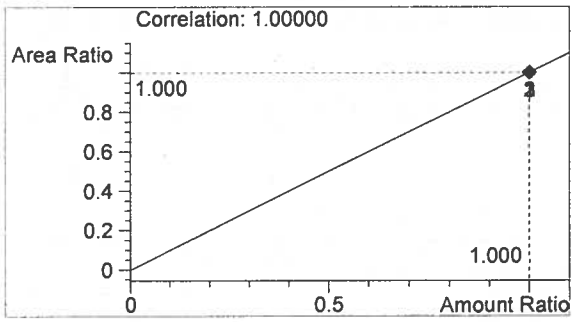


#	Compound	Peak Area	RT (min)
1	Ethanol	1093	1.036
2	n-Propanol	2443	1.699



Ethanol 0.102 g/100mL

14033



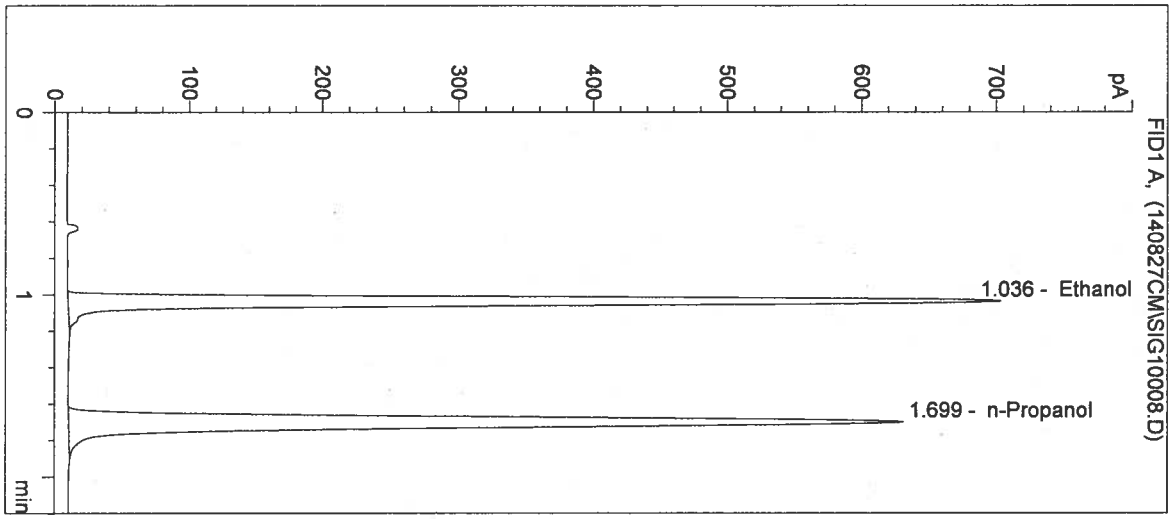
n-Propanol 0.012 g/100mL

CM

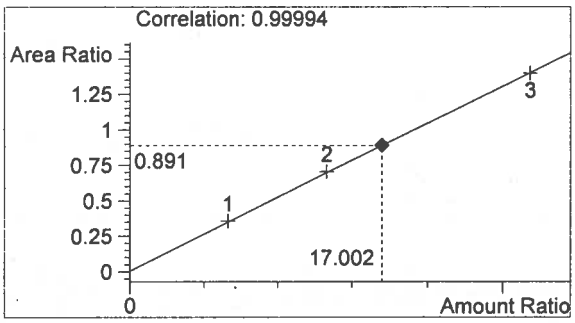
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 10:56:45 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

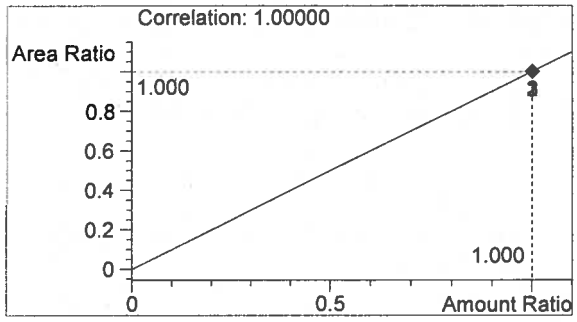


#	Compound	Peak Area	RT (min)
1	Ethanol	2179	1.036
2	n-Propanol	2446	1.699



Ethanol 0.204 g/100mL

14033



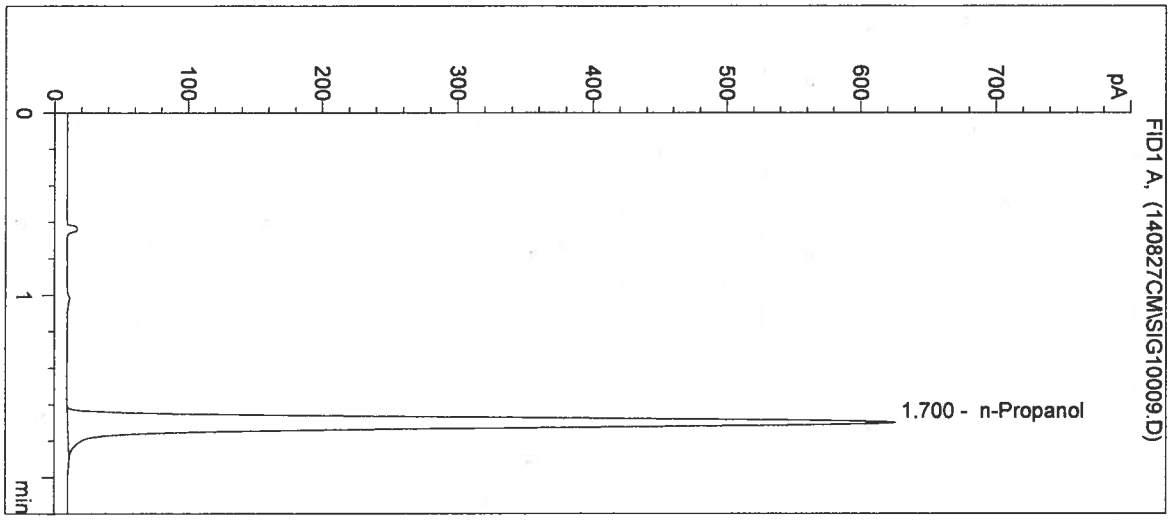
n-Propanol 0.012 g/100mL

CM

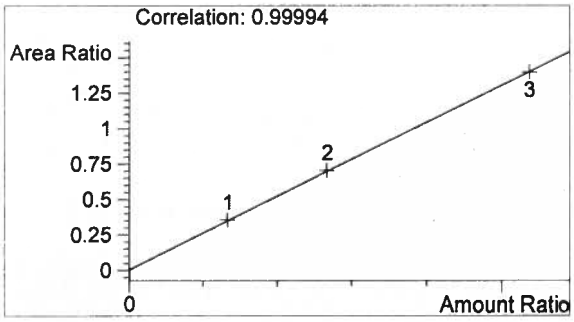
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 10:59:58 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

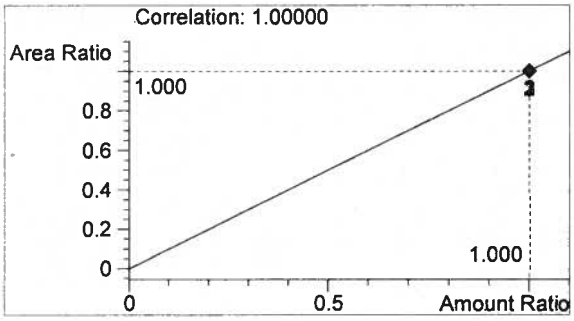


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2421	1.700



Ethanol 0.000 g/100mL

14033



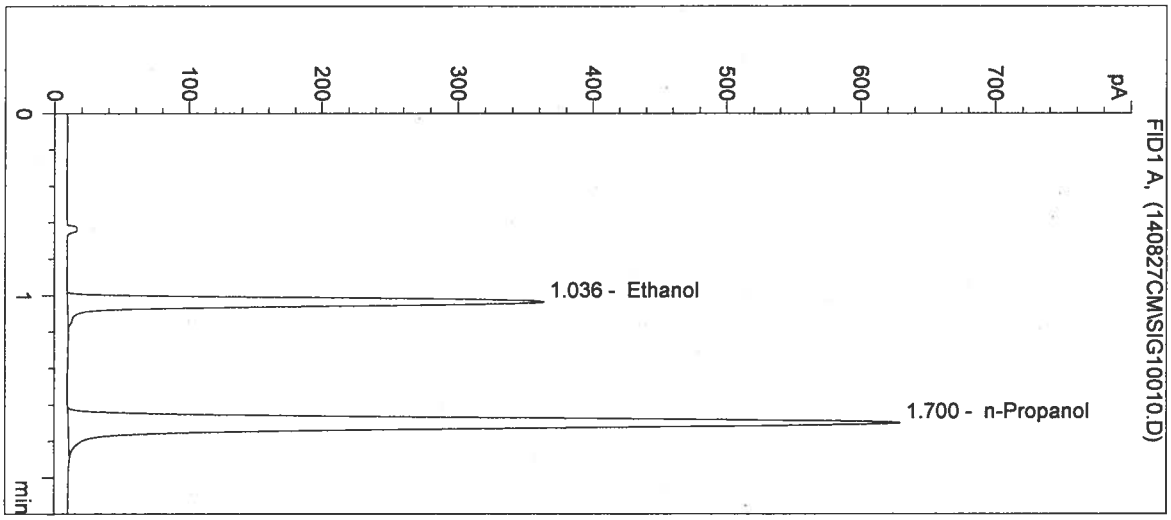
n-Propanol 0.012 g/100mL

CM

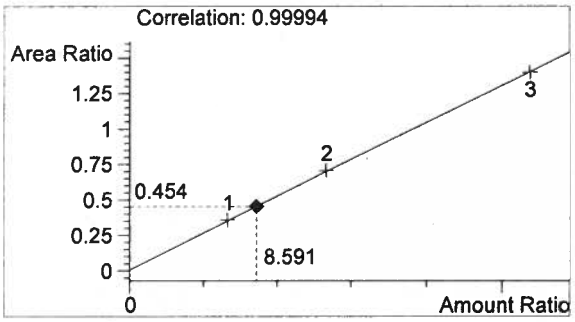
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 11:03:12 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

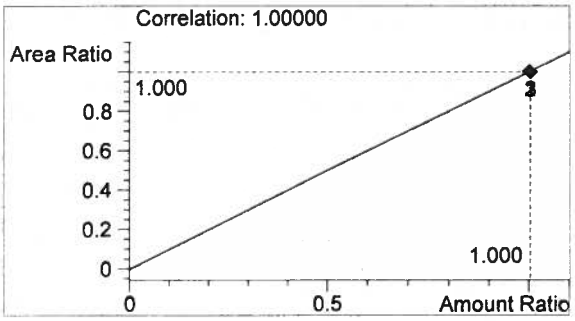
Sample Name: 14033 #1
Operator: Christie Mitchell-Mata
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1103	1.036
2	n-Propanol	2433	1.700



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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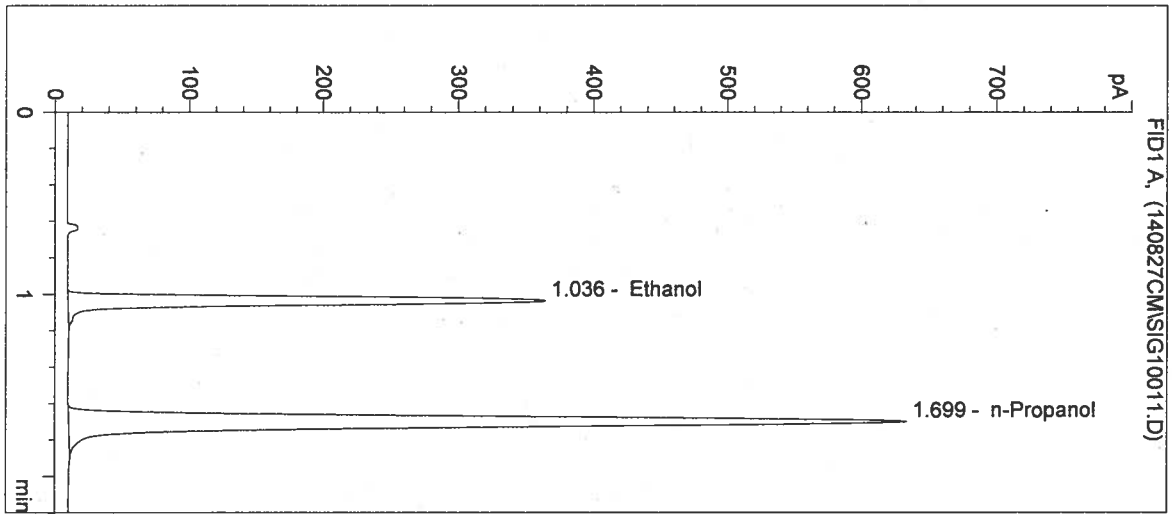
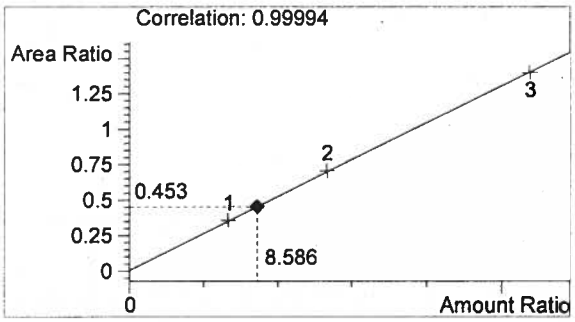
2203 Airport Way S Seattle, WA 98134

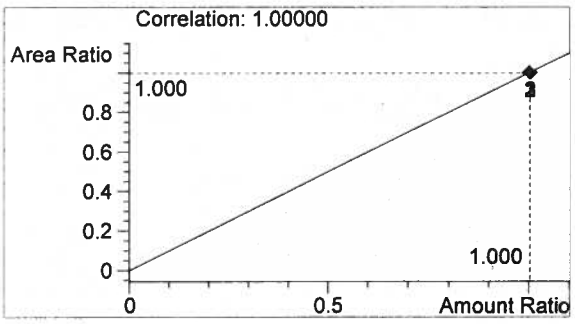
Inj. Date: 8/27/2014 11:06:24 AM
Sample Name: 14033 #2
Instrument: HSGC#1
Operator: Christie Mitchell-Mata
Column: DB-ALC1
Location: Vial 11
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.036
2	n-Propanol	2457	1.699



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

CM

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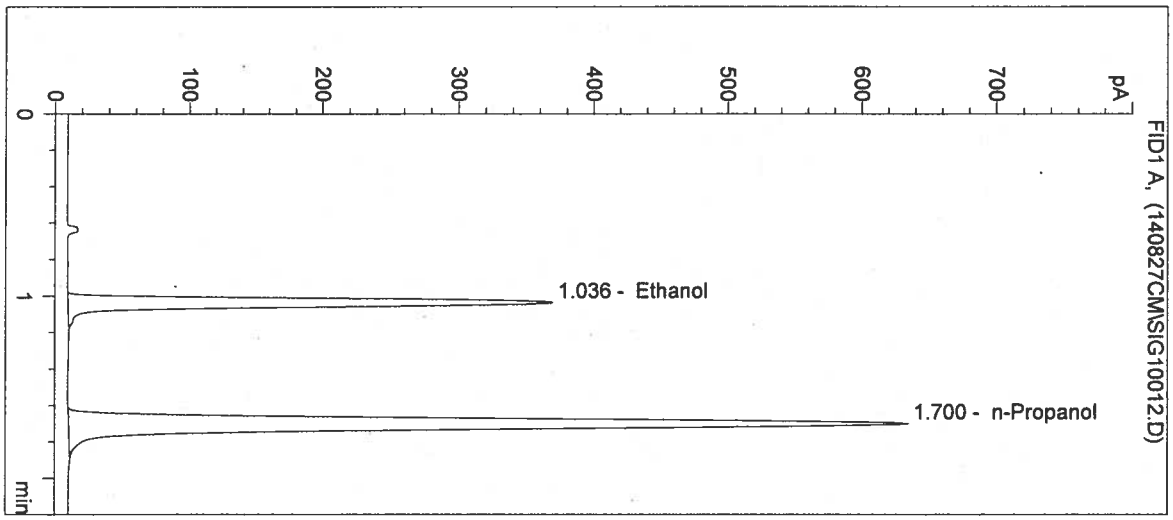
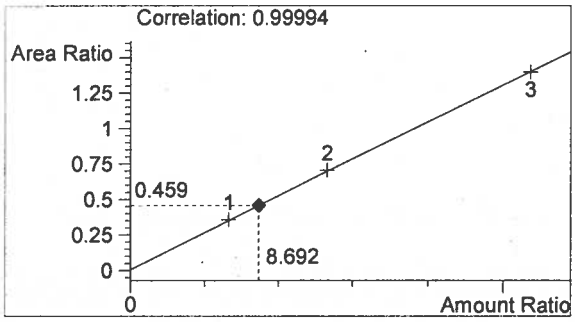
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 11:09:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

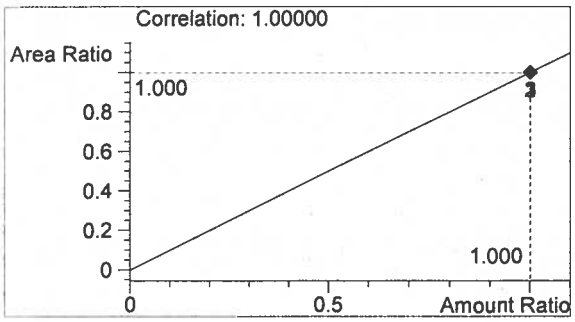
Sample Name: 14033 #3
Operator: Christie Mitchell-Mata
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1127	1.036
2	n-Propanol	2457	1.700



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

CM

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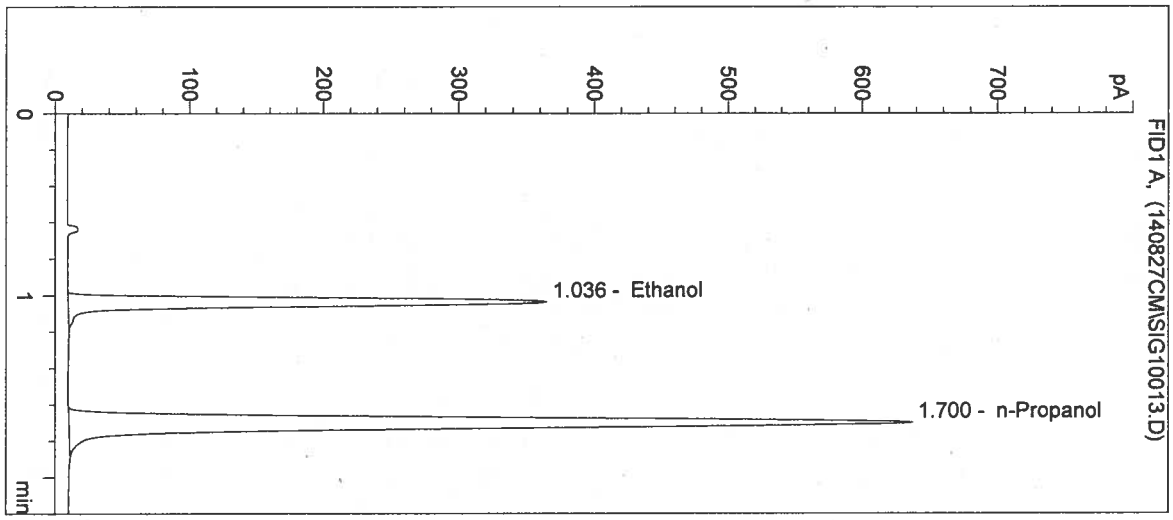
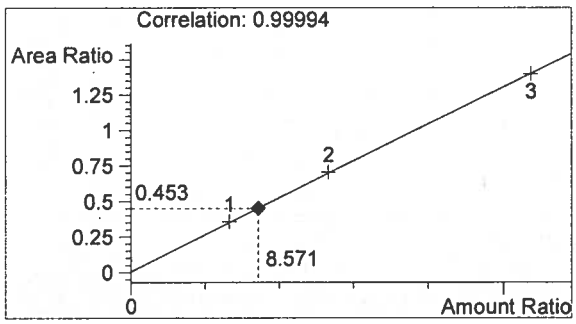
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 11:12:50 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

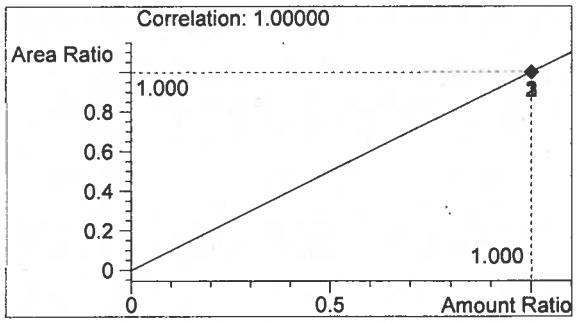
Sample Name: 14033 #4
Operator: Christie Mitchell-Mata
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1121	1.036
2	n-Propanol	2476	1.700



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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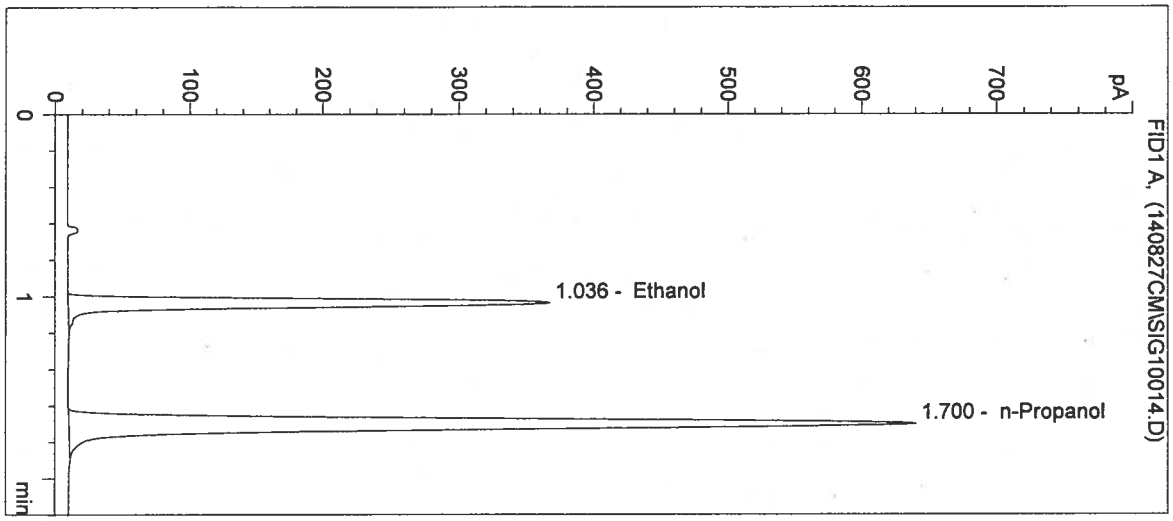
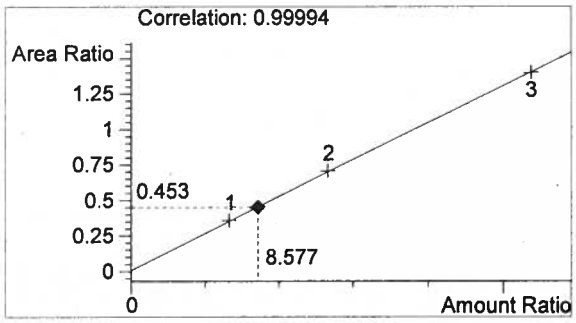
Inj. Date: 8/27/2014 11:16:05 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

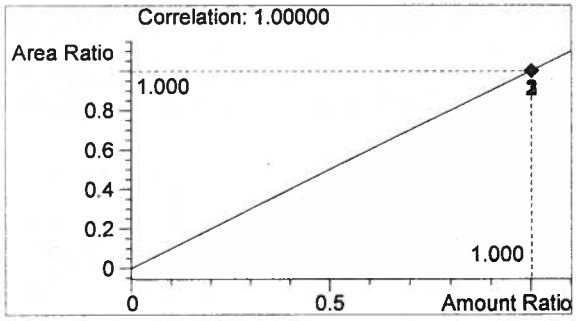
Sample Name: 14033 #5
Operator: Christie Mitchell-Mata
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1127	1.036
2	n-Propanol	2488	1.700



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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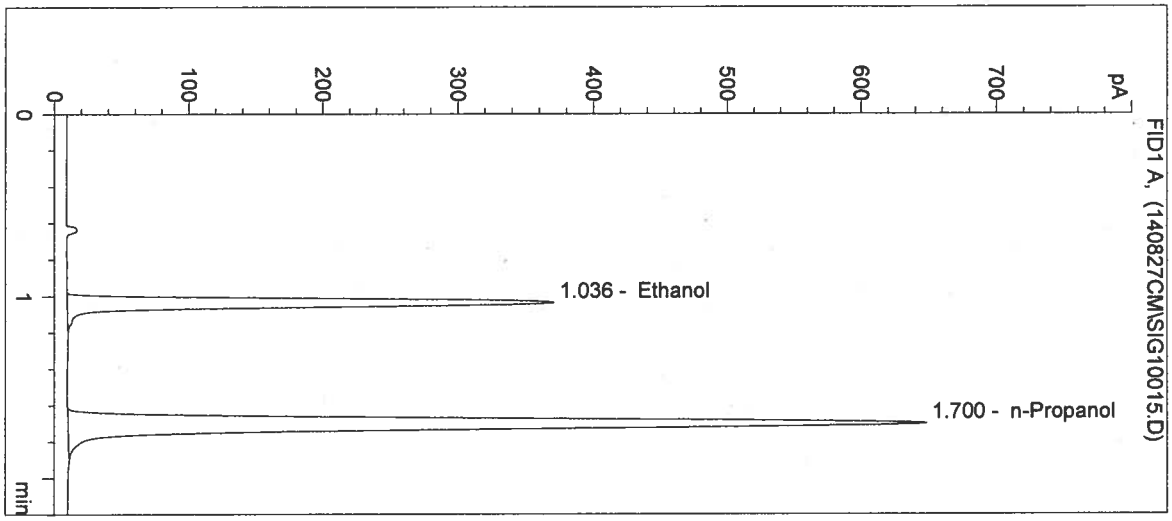
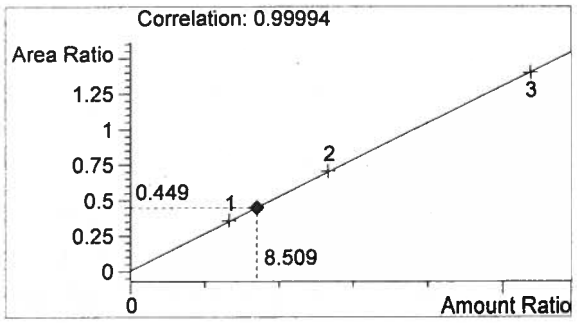
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 11:19:18 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

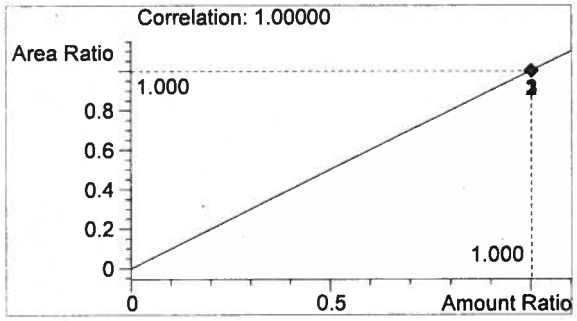


#	Compound	Peak Area	RT (min)
1	Ethanol	1127	1.036
2	n-Propanol	2508	1.700



Ethanol 0.102 g/100mL

14033



n-Propanol 0.012 g/100mL

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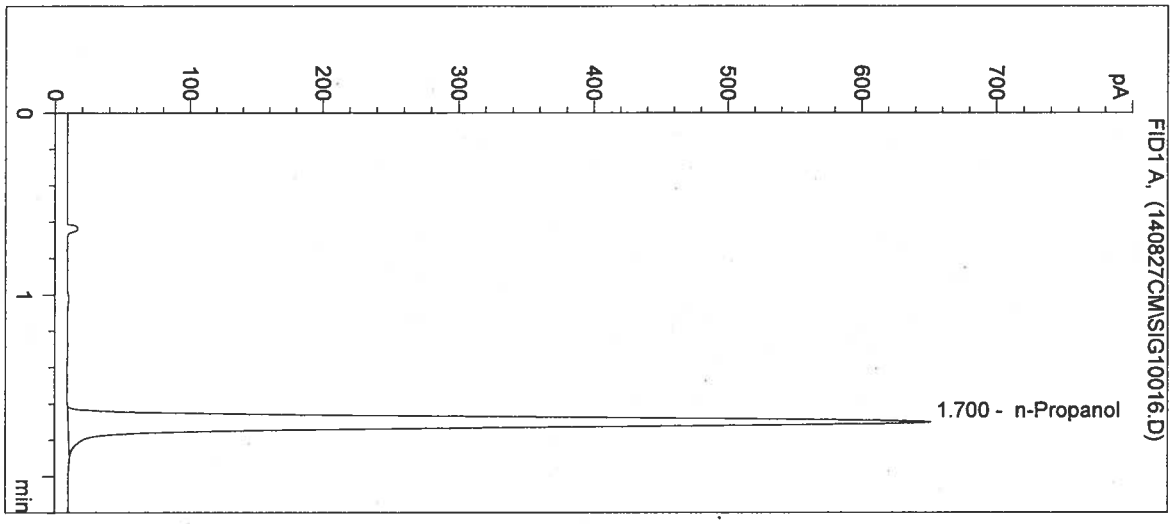
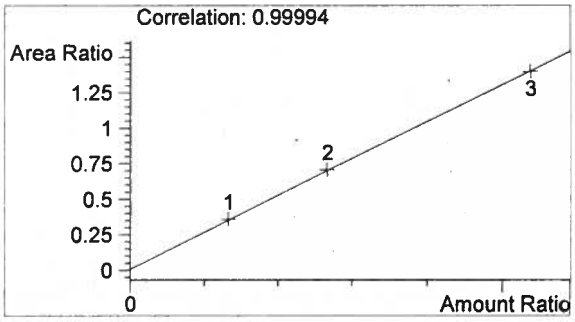
Inj. Date: 8/27/2014 11:22:33 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

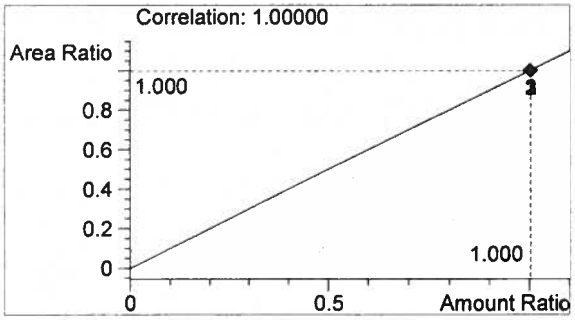


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2521	1.700



Ethanol 0.000 g/100mL

14033



n-Propanol 0.012 g/100mL

CM

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

Sequence Parameters:

Operator:	Rebecca Flaherty
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	140827RF
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1-Lot#E0814-01 Exp. 2/19/2015
Ethanol Calibrator 2-Lot#E0814-02 Exp. 2/19/2015
Ethanol Calibrator 3-Lot#E0814-03 Exp. 2/19/2015
0.04 Ethanol Control Lot#FN05011301 Exp 05/2018
0.10 Ethanol Control Lot#FN08051301 Exp 10/2018
0.20 Ethanol Control Lot#FN03211401 Exp 06/2019
n-propanol ISTD Lot#P0814 Exp. 10/30/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Calib		
3	Vial 3	CAL 2 (0.158)	SIMALC1	1	Calib		
4	Vial 4	CAL 3 (0.316)	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - RF	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - RF	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - RF	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - RF	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - RF	SIMALC1	1	Ctrl Samp		
10	Vial 10	14034 #1	SIMALC1	1	Sample		
11	Vial 11	14034 #2	SIMALC1	1	Sample		
12	Vial 12	14034 #3	SIMALC1	1	Sample		
13	Vial 13	14034 #4	SIMALC1	1	Sample		
14	Vial 14	14034 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - RF	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - RF	SIMALC1	1	Ctrl Samp		
17	Vial 17	14033 #1	SIMALC1	1	Sample		
18	Vial 18	14033 #2	SIMALC1	1	Sample		
19	Vial 19	14033 #3	SIMALC1	1	Sample		
20	Vial 20	14033 #4	SIMALC1	1	Sample		
21	Vial 21	14033 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL - RF	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL - RF	SIMALC1	1	Ctrl Samp		

14033

14034

Calibration Part:

RF

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

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

Sequence Table (Back Injector):

No entries - empty table!

14033

14034

RF

Calibration Table

Calib. Data Modified : Wednesday, August 27, 2014 12:15:56 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

14033

14034

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.037	1	1	7.95500e-2	993.99200	8.00308e-5	1		Ethanol
		2	1.59740e-1	1705.83069	9.36435e-5			
		3	3.21980e-1	3378.25122	9.53097e-5			
1.700	1	1	1.20000e-2	2772.47021	4.32827e-6	I1		n-Propanol
		2	1.20000e-2	2432.22363	4.93376e-6			
		3	1.20000e-2	2426.10767	4.94619e-6			

Peak Sum Table

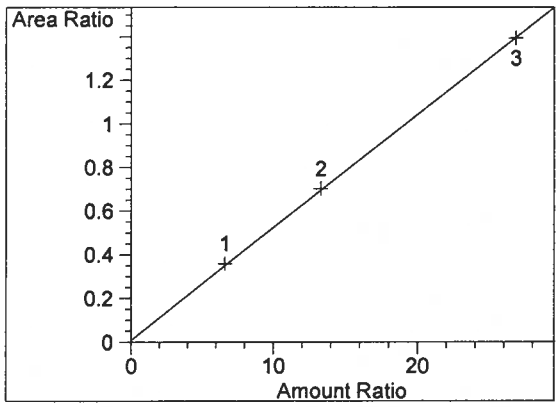
No Entries in table

RF

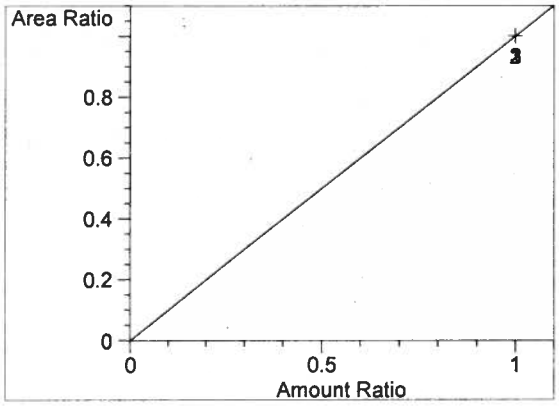
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.037
FID1 A,
Correlation: 0.99993
Residual Std. Dev.: 0.00884
Formula: y = mx + b
m: 5.17530e-2
b: 7.92668e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.700
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

==========

14033

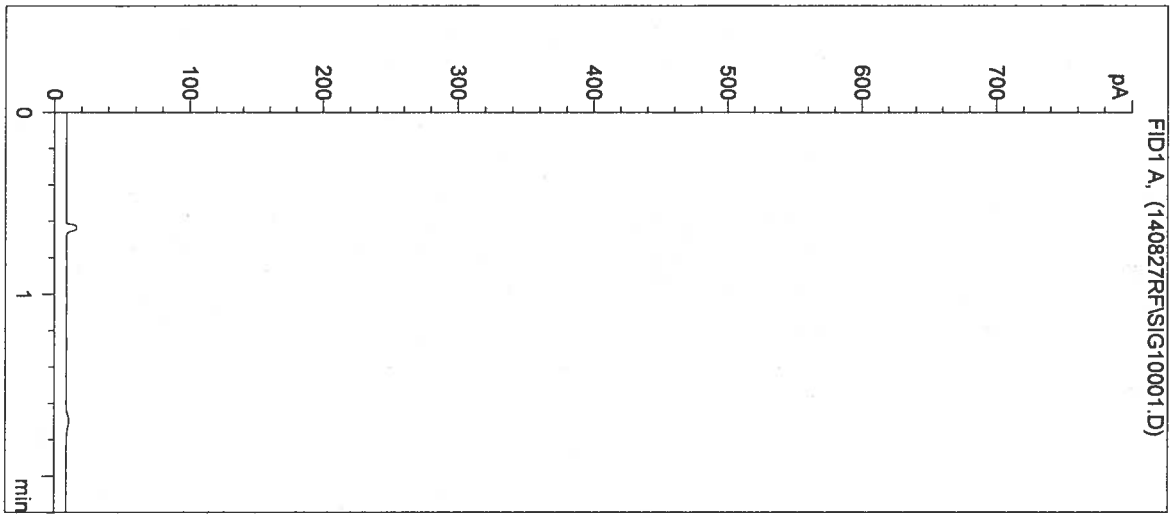
14034

RF

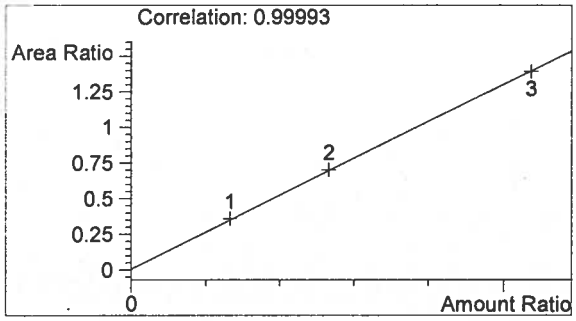
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 12:03:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



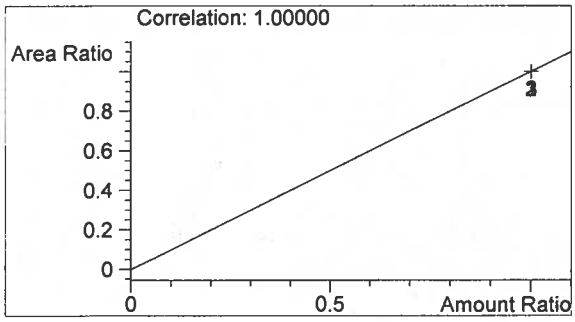
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14033

14034



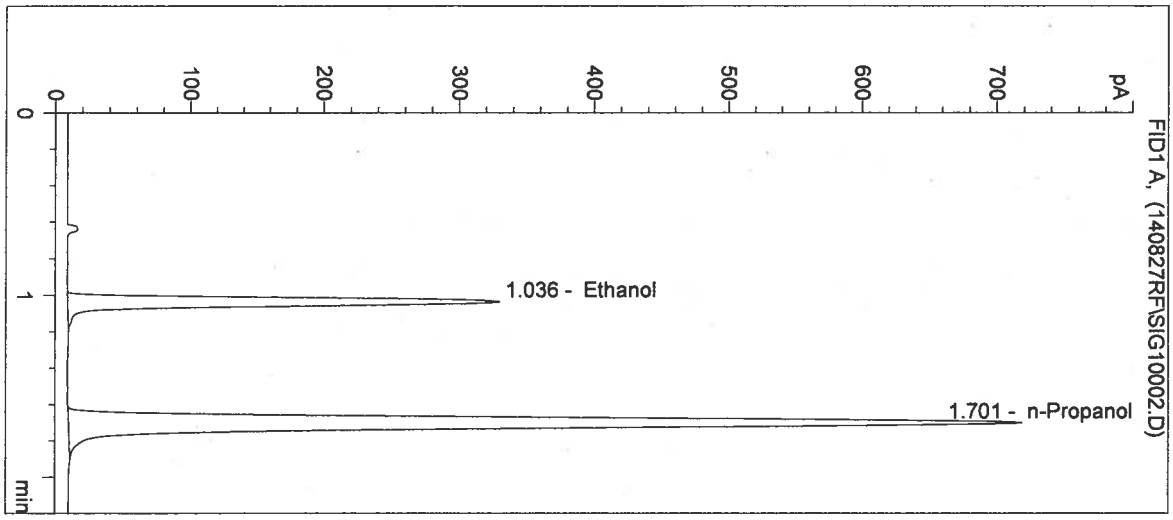
n-Propanol 0.000 g/100mL

RF

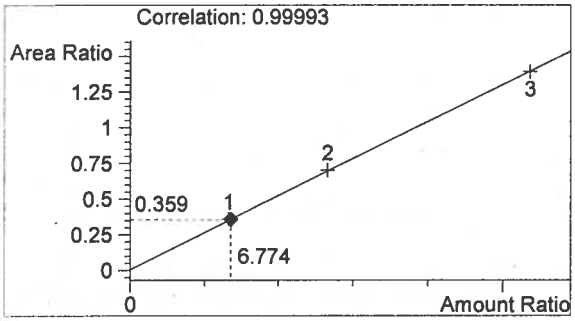
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 12:07:08 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



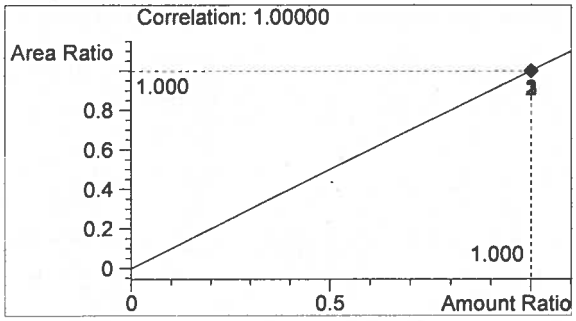
#	Compound	Peak Area	RT (min)
1	Ethanol	994	1.036
2	n-Propanol	2772	1.701



Ethanol 0.081 g/100mL

14033

14034



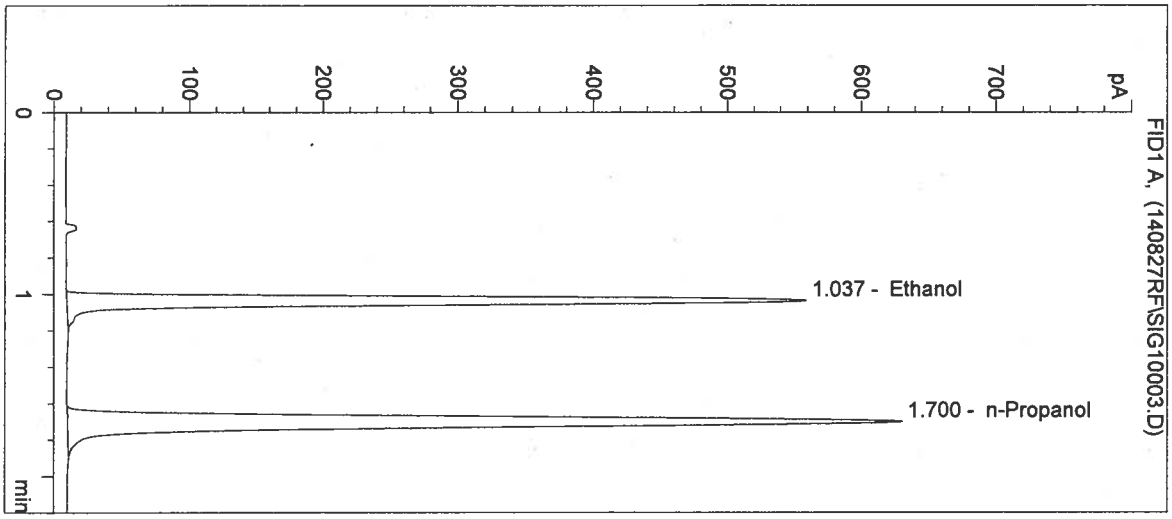
n-Propanol 0.012 g/100mL

RF

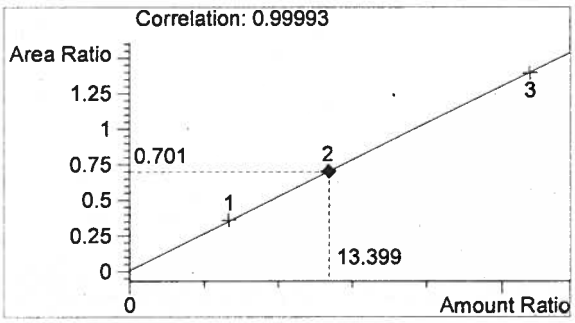
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 12:10:26 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



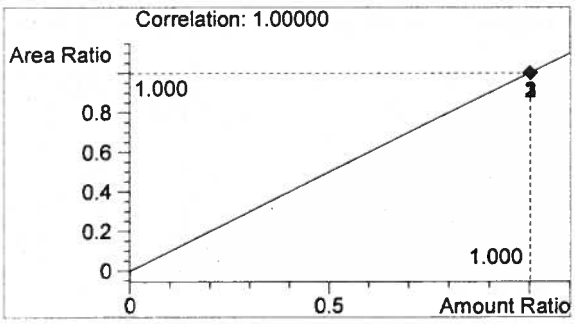
#	Compound	Peak Area	RT (min)
1	Ethanol	1706	1.037
2	n-Propanol	2432	1.700



Ethanol 0.161 g/100mL

14033

14034



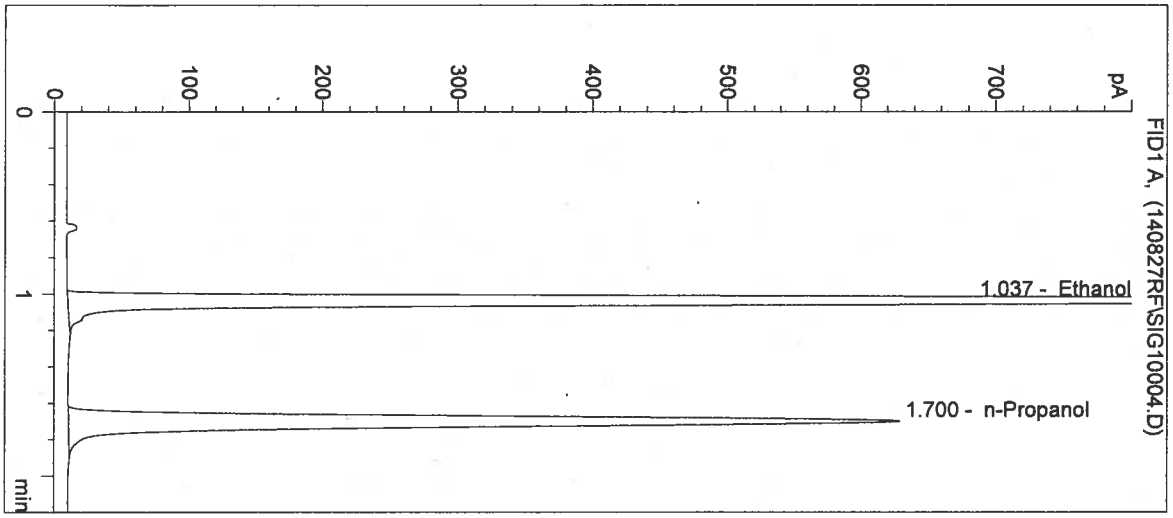
n-Propanol 0.012 g/100mL

RF

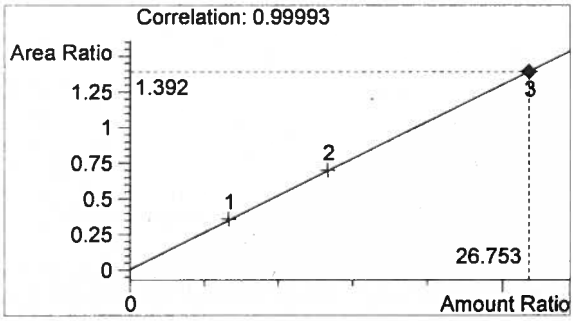
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 12:13:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



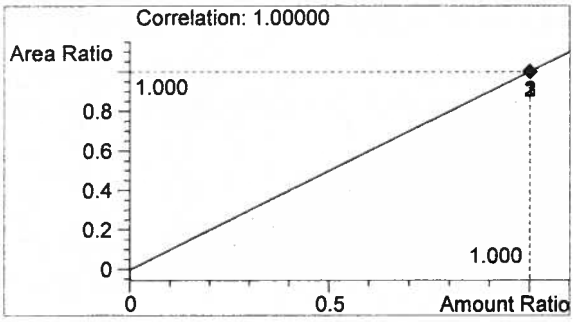
#	Compound	Peak Area	RT (min)
1	Ethanol	3378	1.037
2	n-Propanol	2426	1.700



Ethanol 0.321 g/100mL

14033

14034



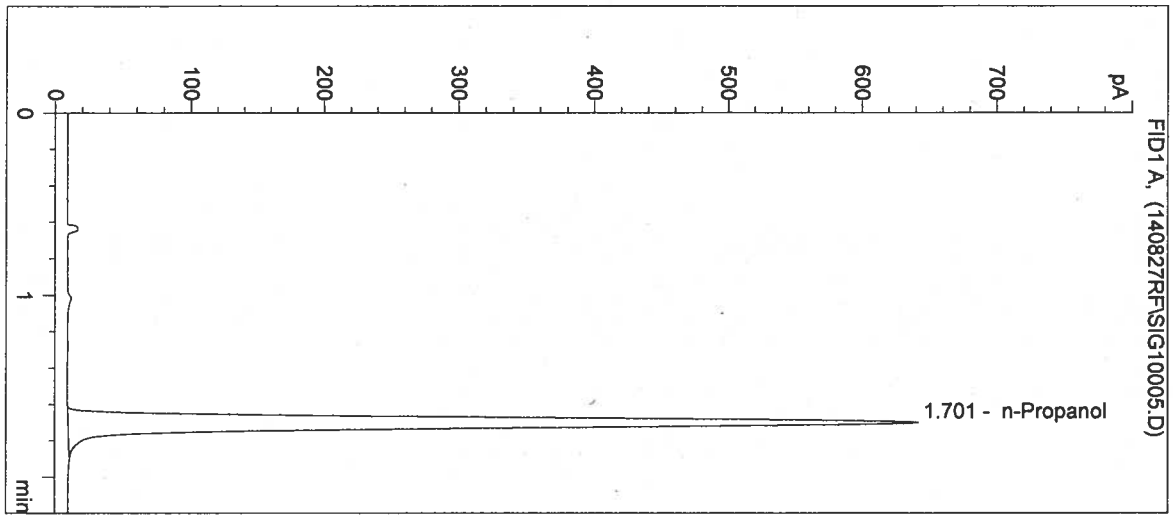
n-Propanol 0.012 g/100mL

RF

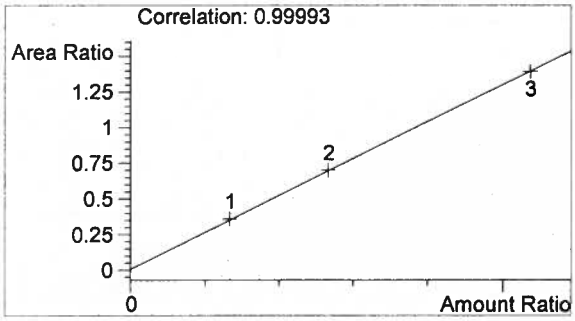
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 12:16:56 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



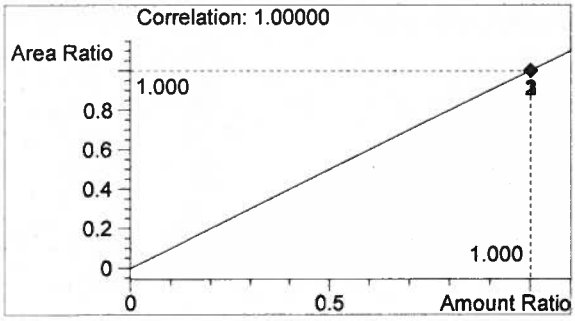
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2478	1.701



Ethanol 0.000 g/100mL

14033

14034



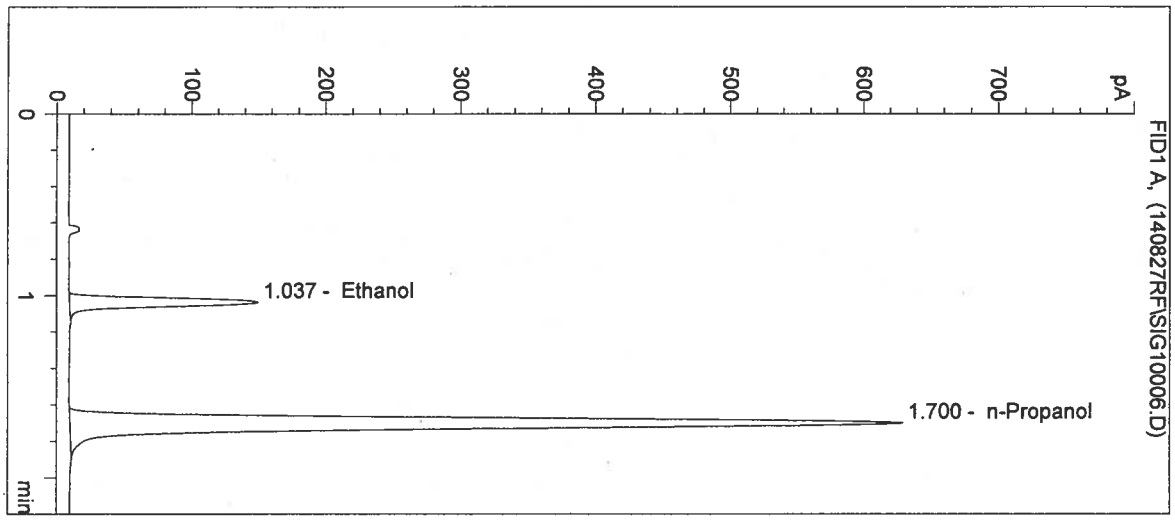
n-Propanol 0.012 g/100mL

RF

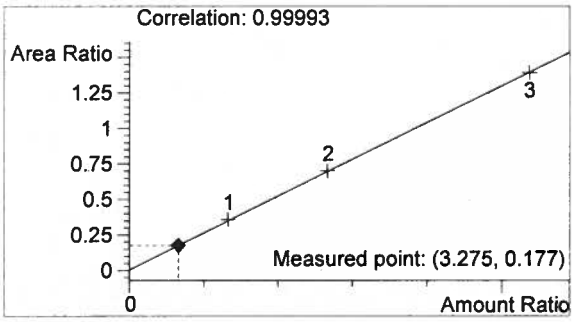
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 12:20:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



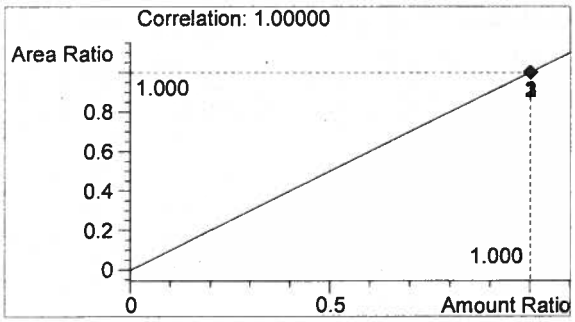
#	Compound	Peak Area	RT (min)
1	Ethanol	431	1.037
2	n-Propanol	2431	1.700



Ethanol 0.039 g/100mL

14033

14034



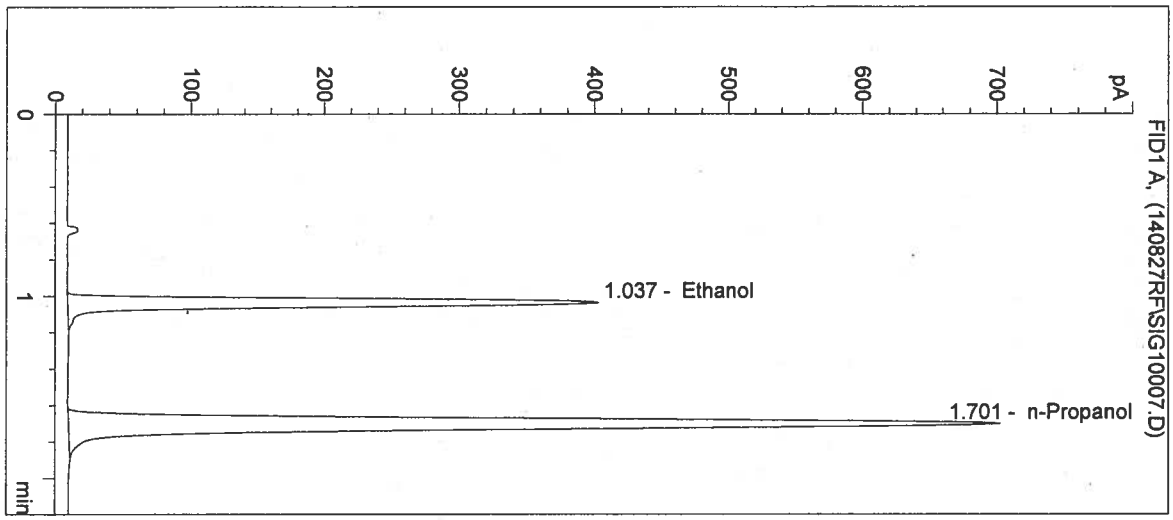
n-Propanol 0.012 g/100mL

RF

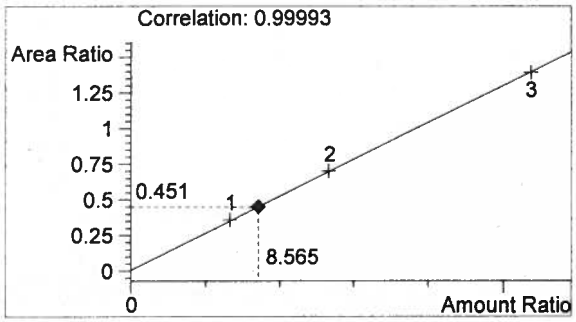
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 12:23:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



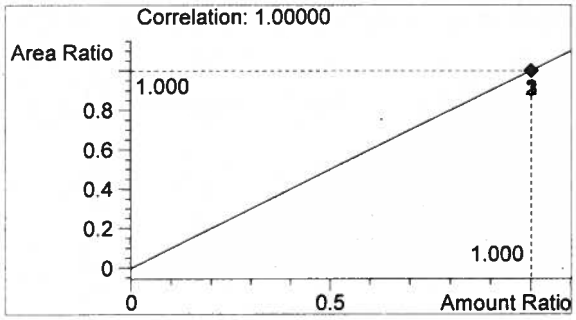
#	Compound	Peak Area	RT (min)
1	Ethanol	1221	1.037
2	n-Propanol	2706	1.701



Ethanol 0.103 g/100mL

14033

14034



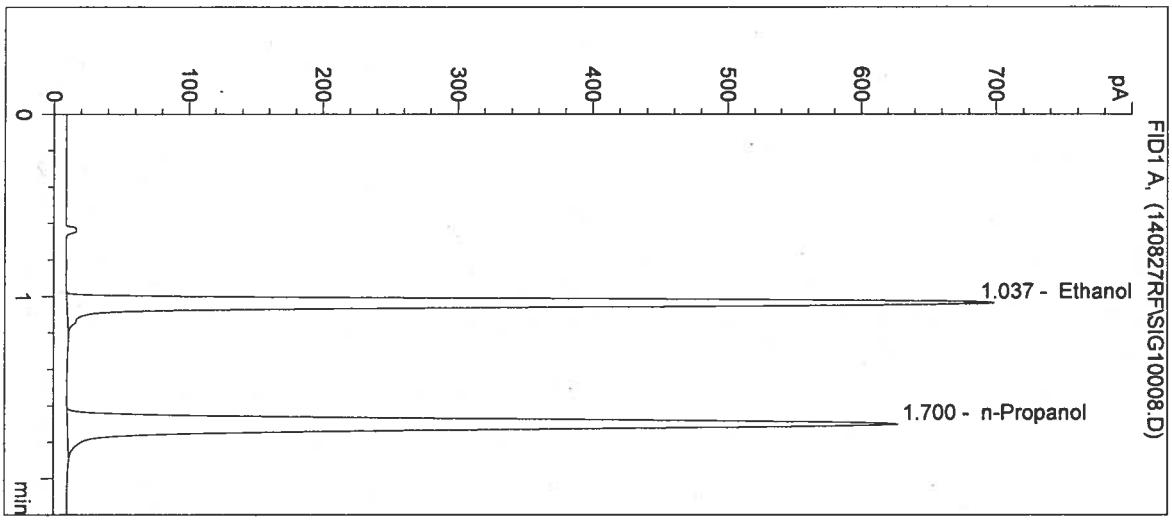
n-Propanol 0.012 g/100mL

RF

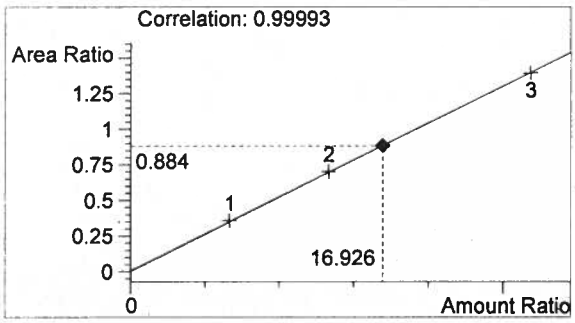
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 12:26:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



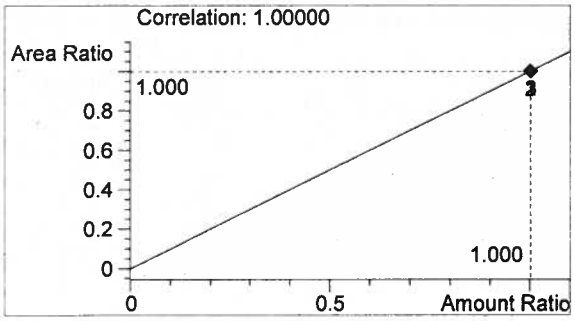
#	Compound	Peak Area	RT (min)
1	Ethanol	2137	1.037
2	n-Propanol	2417	1.700



Ethanol 0.203 g/100mL

14033

14034



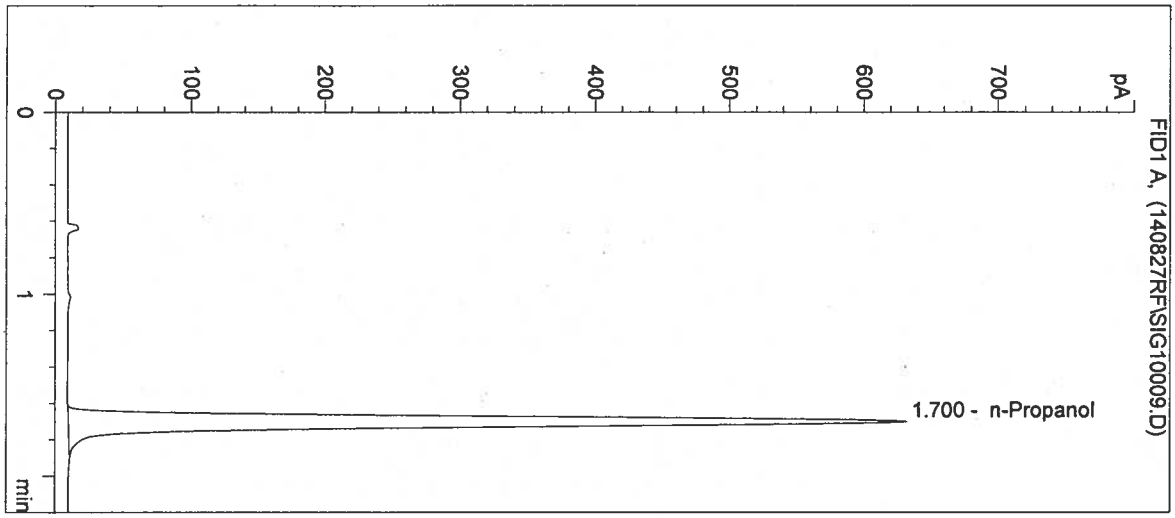
n-Propanol 0.012 g/100mL

RF

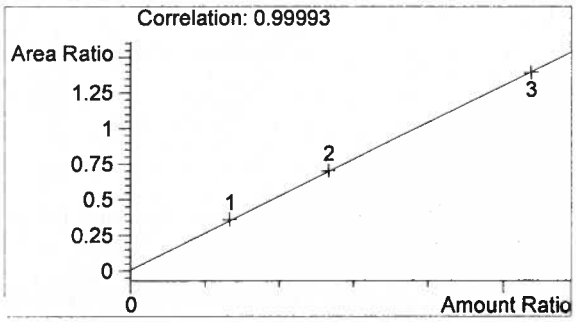
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 12:29:49 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



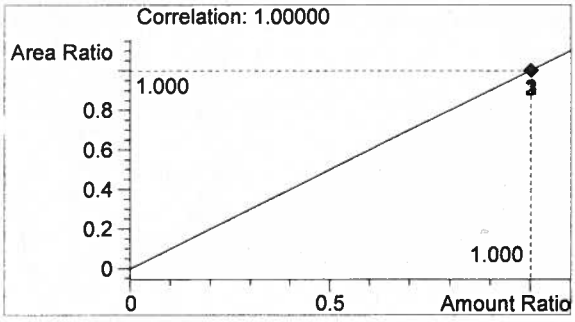
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2441	1.700



Ethanol 0.000 g/100mL

14033

14034



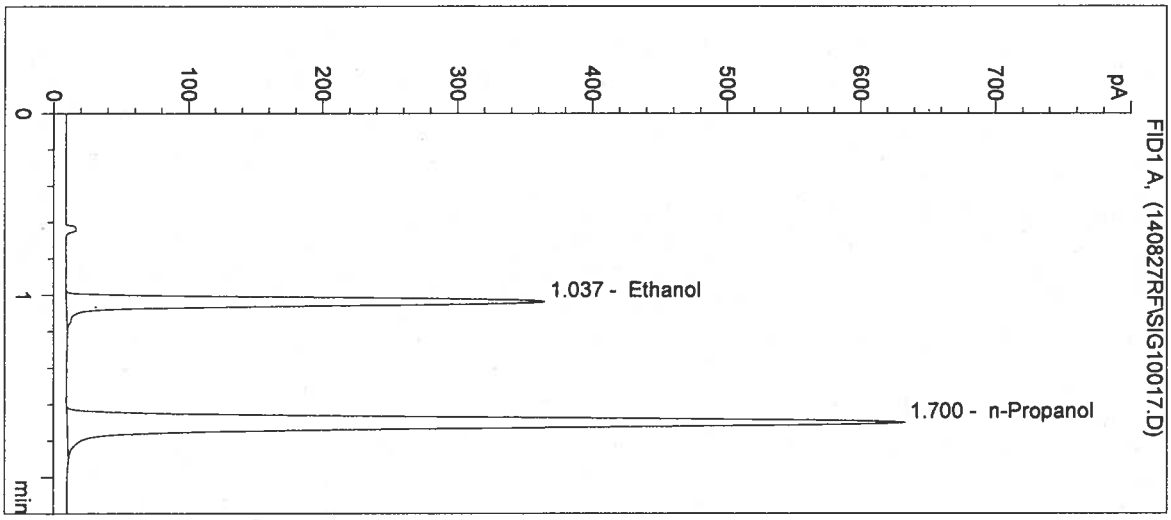
n-Propanol 0.012 g/100mL

RF

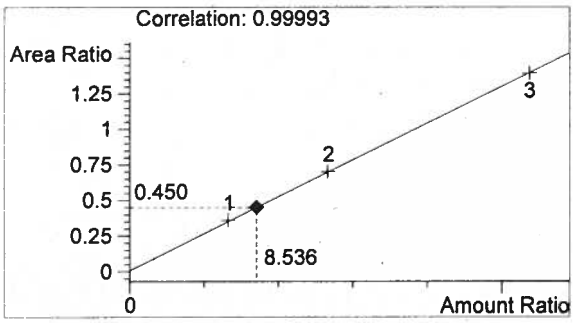
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 12:55:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

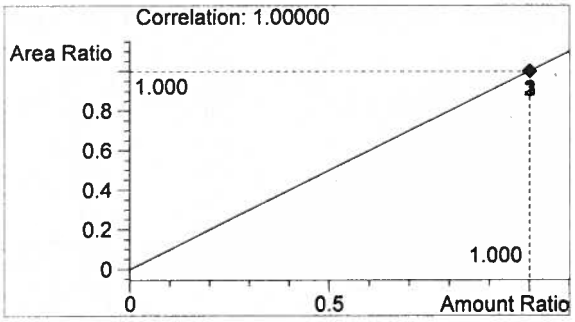
Sample Name: 14033 #1
Operator: Rebecca Flaherty
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	1099	1.037
2	n-Propanol	2444	1.700



Ethanol 0.102 g/100mL



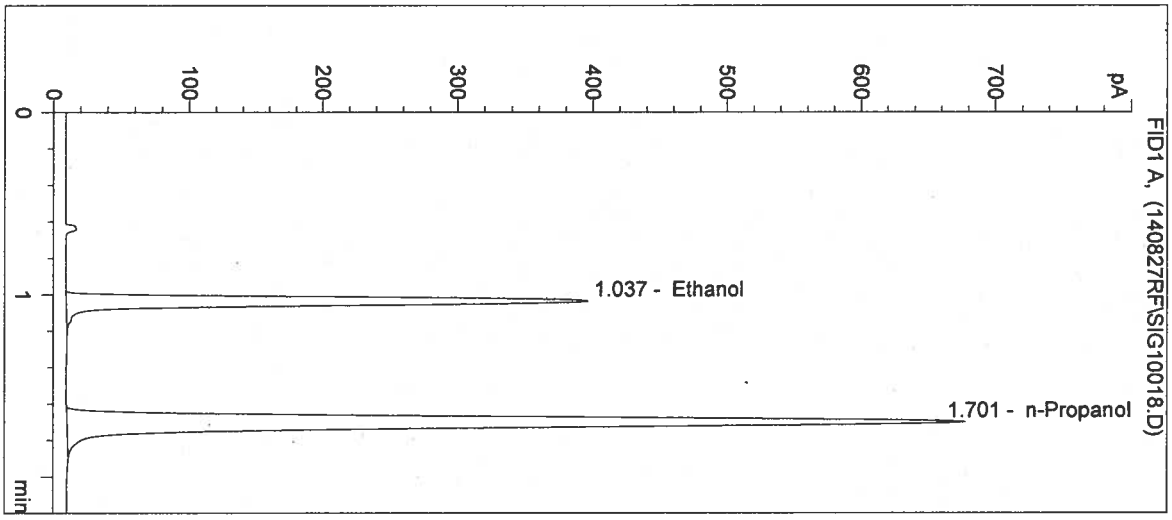
n-Propanol 0.012 g/100mL

RF

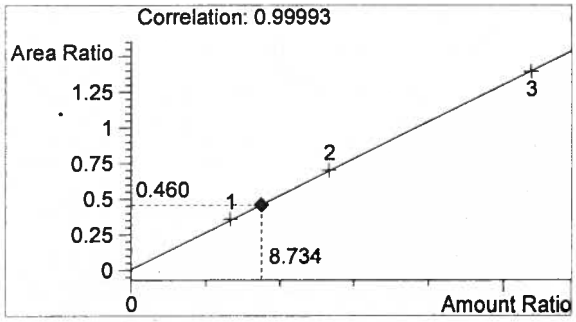
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 12:58:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

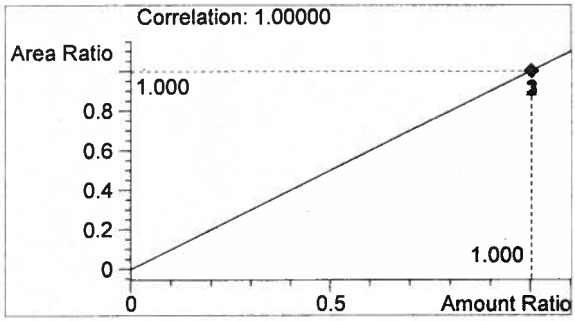
Sample Name: 14033 #2
Operator: Rebecca Flaherty
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	1202	1.037
2	n-Propanol	2614	1.701



Ethanol 0.105 g/100mL



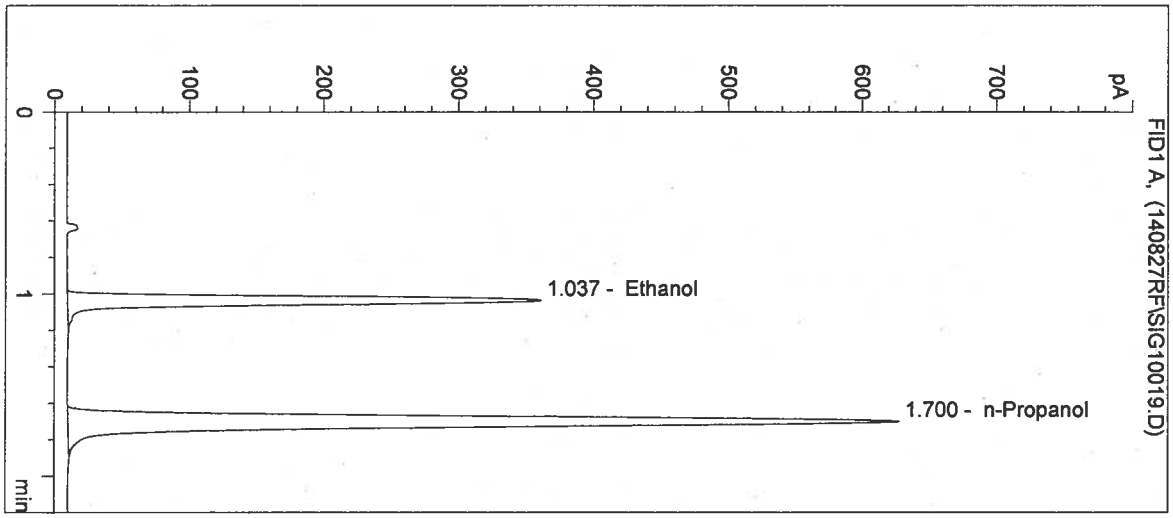
n-Propanol 0.012 g/100mL

RF

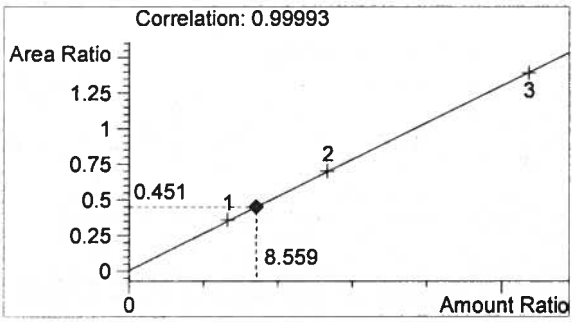
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 1:02:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

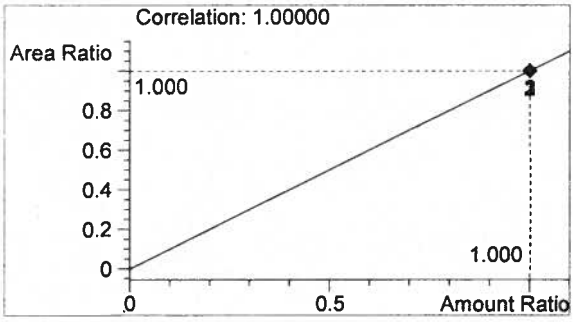
Sample Name: 14033 #3
Operator: Rebecca Flaherty
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	1092	1.037
2	n-Propanol	2422	1.700



Ethanol 0.103 g/100mL



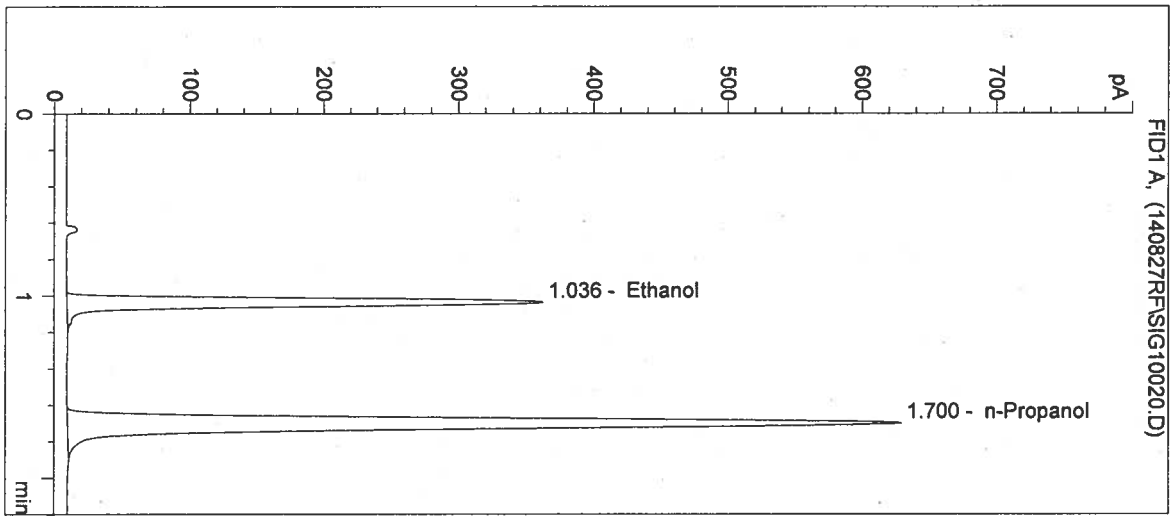
n-Propanol 0.012 g/100mL

RF

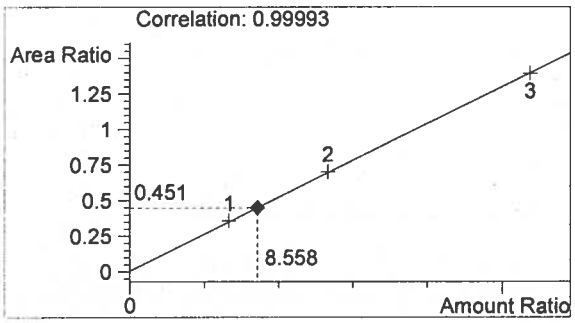
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 1:05:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

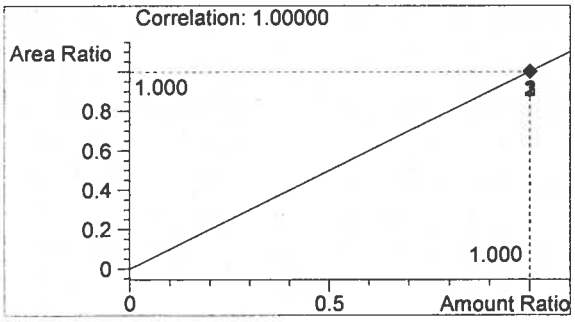
Sample Name: 14033 #4
Operator: Rebecca Flaherty
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	1095	1.036
2	n-Propanol	2429	1.700



Ethanol 0.103 g/100mL



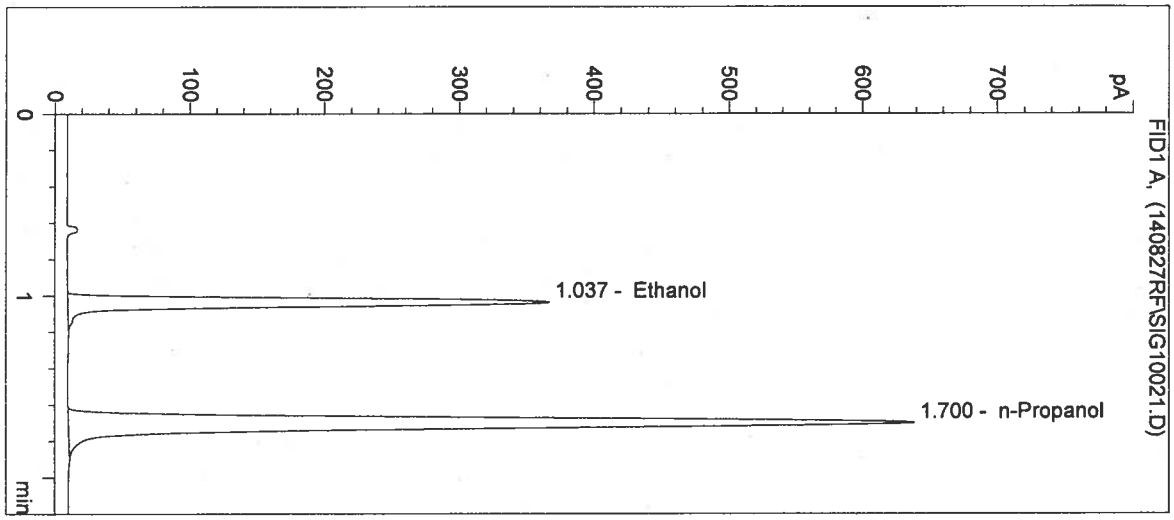
n-Propanol 0.012 g/100mL

RF

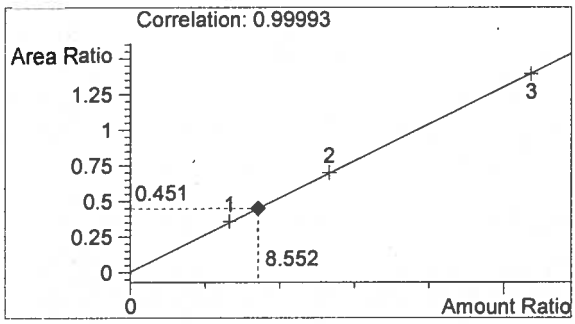
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 1:08:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

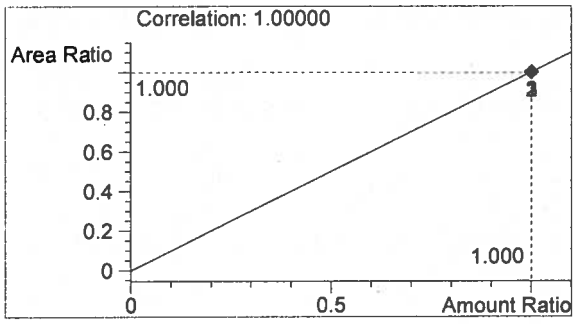
Sample Name: 14033 #5
Operator: Rebecca Flaherty
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.037
2	n-Propanol	2474	1.700



Ethanol 0.103 g/100mL

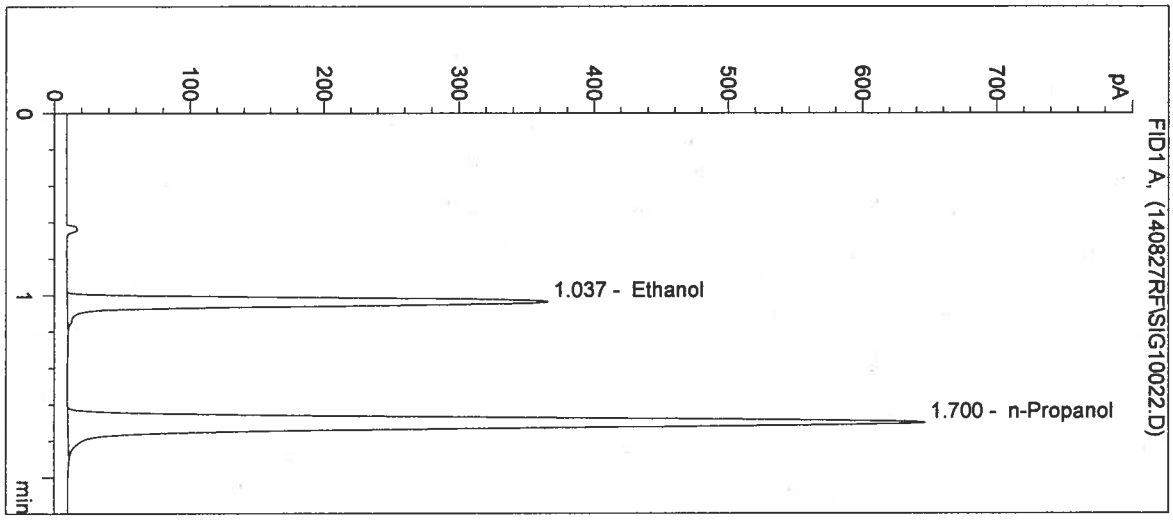


n-Propanol 0.012 g/100mL

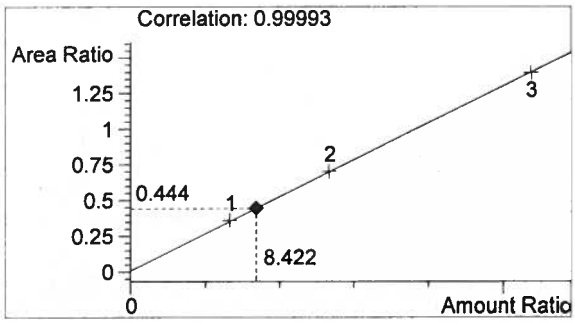
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 1:11:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.10 CTRL - RF
Operator: Rebecca Flaherty
Location: Vial 22

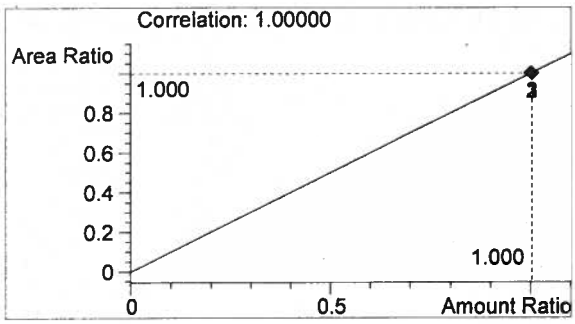


#	Compound	Peak Area	RT (min)
1	Ethanol	1109	1.037
2	n-Propanol	2500	1.700



Ethanol 0.101 g/100mL

14033



n-Propanol 0.012 g/100mL

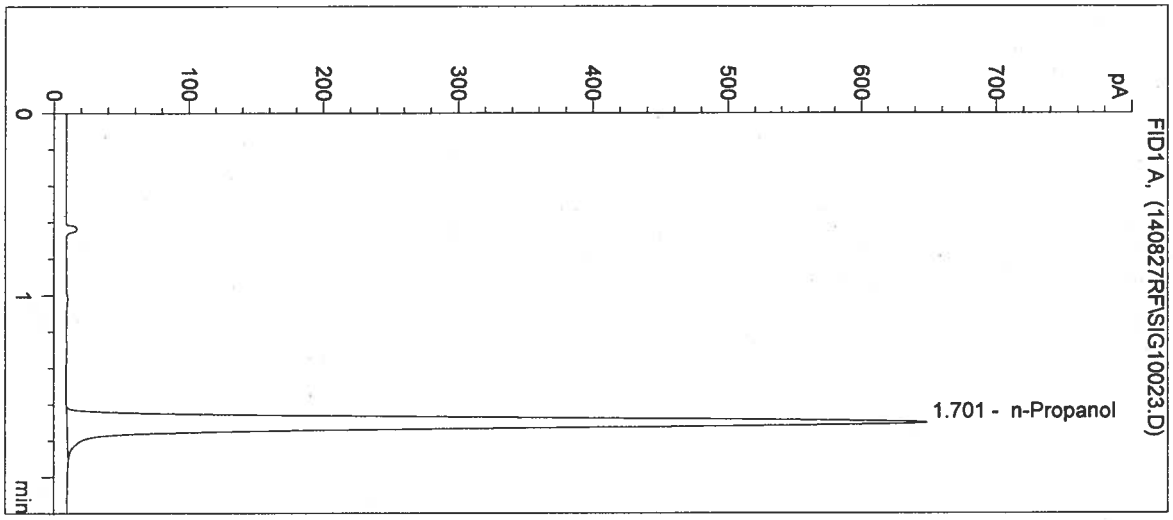
Data File: C:\HPCHEM\1\DATA\140827RF\SIG10022.D

RF

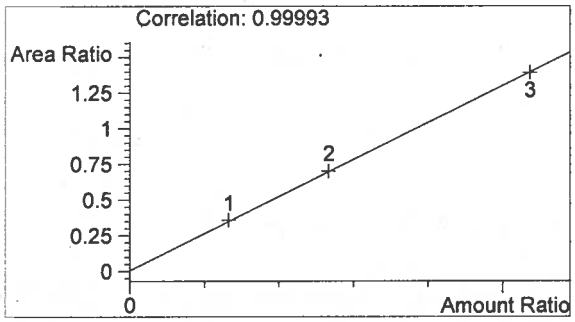
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 1:14:54 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: NEG CTRL - RF
Operator: Rebecca Flaherty
Location: Vial 23

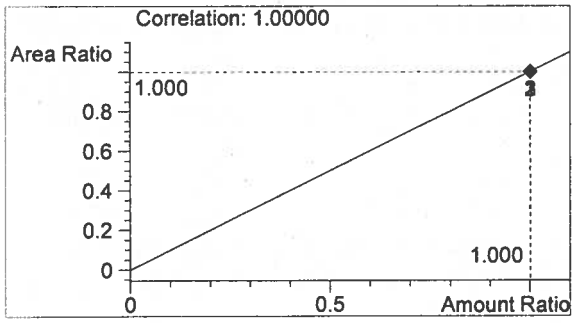


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2509	1.701



Ethanol 0.000 g/100mL

14033



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\140827RF\SIG10023.D

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

Sequence Parameters:

Operator:	Andrew Gingras
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	140827AG
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1-Lot#E0814-01 Exp. 2/19/2015
Ethanol Calibrator 2-Lot#E0814-02 Exp. 2/19/2015
Ethanol Calibrator 3-Lot#E0814-03 Exp. 2/19/2015
0.04 Ethanol Control Lot#FN05011301 Exp 05/2018
0.10 Ethanol Control Lot#FN08051301 Exp 10/2018
0.20 Ethanol Control Lot#FN03211401 Exp 06/2019
n-propanol ISTD Lot#P0814 Exp. 10/30/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Calib		
3	Vial 3	CAL 2 (0.158)	SIMALC1	1	Calib		
4	Vial 4	CAL 3 (0.316)	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - AG	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - AG	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - AG	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - AG	SIMALC1	1	Ctrl Samp		14033
9	Vial 9	NEG CTRL - AG	SIMALC1	1	Ctrl Samp		
10	Vial 10	14034 #1	SIMALC1	1	Sample		
11	Vial 11	14034 #2	SIMALC1	1	Sample		14034
12	Vial 12	14034 #3	SIMALC1	1	Sample		
13	Vial 13	14034 #4	SIMALC1	1	Sample		
14	Vial 14	14034 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - AG	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - AG	SIMALC1	1	Ctrl Samp		
17	Vial 17	14033 #1	SIMALC1	1	Sample		
18	Vial 18	14033 #2	SIMALC1	1	Sample		
19	Vial 19	14033 #3	SIMALC1	1	Sample		
20	Vial 20	14033 #4	SIMALC1	1	Sample		
21	Vial 21	14033 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL - AG	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL - AG	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

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

Sequence Table (Back Injector):

No entries - empty table!

14033

14034

Calibration Table

Calib. Data Modified : Wednesday, August 27, 2014 2:23:26 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

14033

Signal 1: FID1 A,

14034

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.036	1	1	7.95500e-2	861.14447	9.23771e-5		1	Ethanol
		2	1.59740e-1	1804.25220	8.85353e-5			
		3	3.21980e-1	3411.58862	9.43783e-5			
1.699	1	1	1.20000e-2	2463.47510	4.87117e-6	I1		n-Propanol
		2	1.20000e-2	2591.94238	4.62973e-6			
		3	1.20000e-2	2449.90015	4.89816e-6			

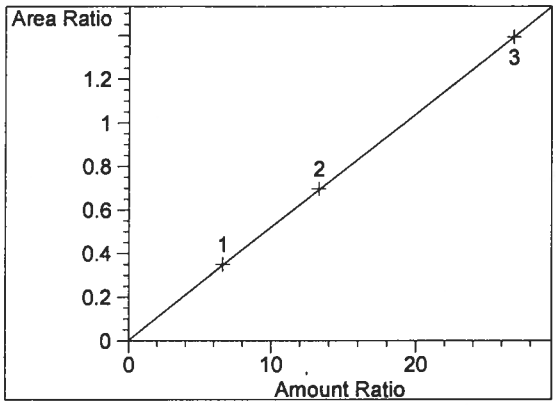
Peak Sum Table

No Entries in table

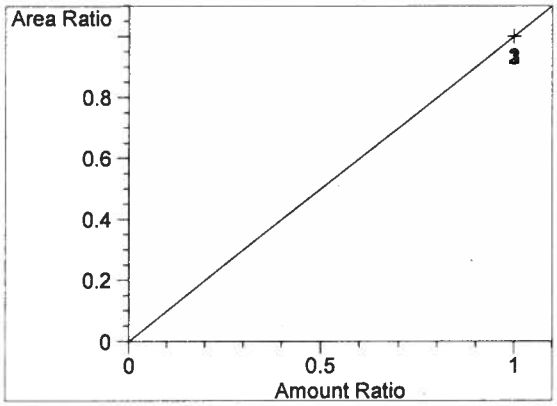
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.036
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00374
Formula: y = mx + b
m: 5.18498e-2
b: 3.26536e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.699
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

==========

14033

14034

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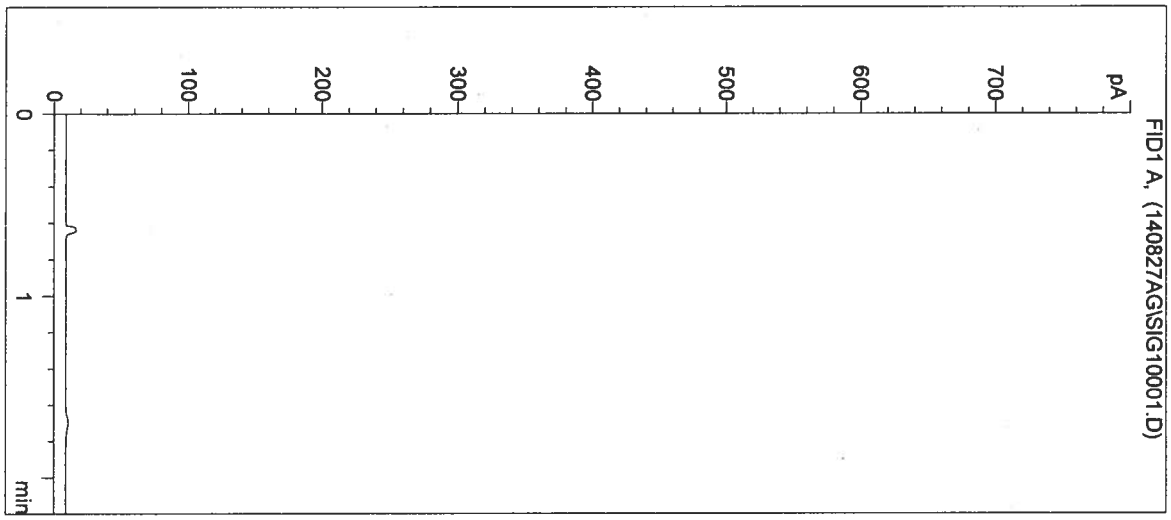
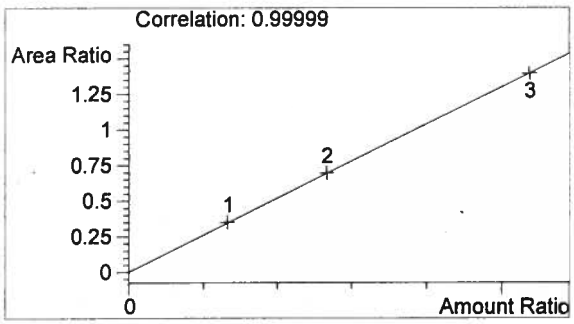
Inj. Date: 8/27/2014 2:11:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



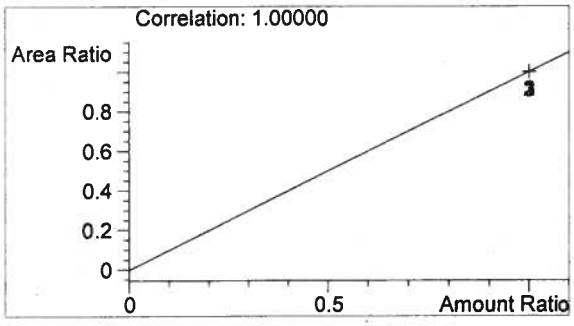
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14033

14034

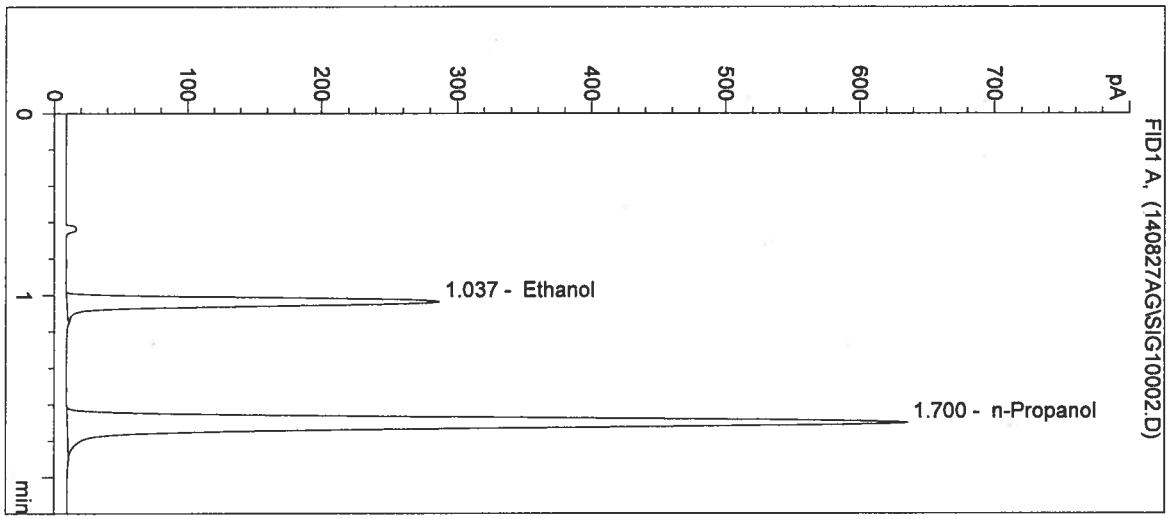


n-Propanol 0.000 g/100mL

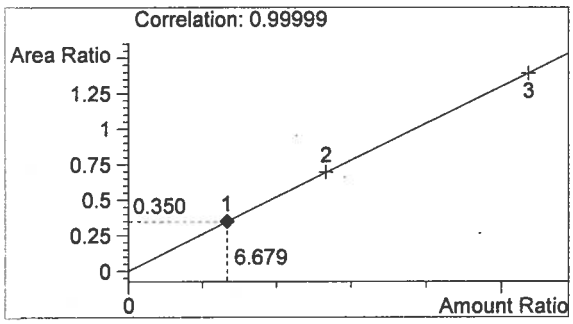
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 2:14:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



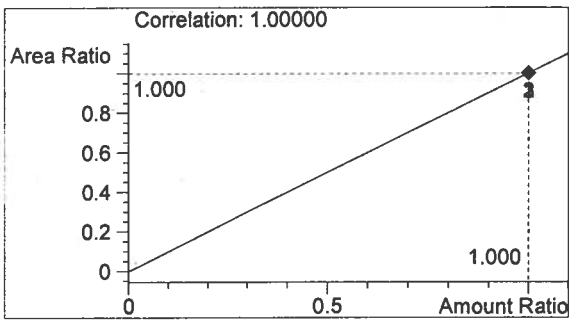
#	Compound	Peak Area	RT (min)
1	Ethanol	861	1.037
2	n-Propanol	2463	1.700



Ethanol 0.080 g/100mL

14033

14034



n-Propanol 0.012 g/100mL

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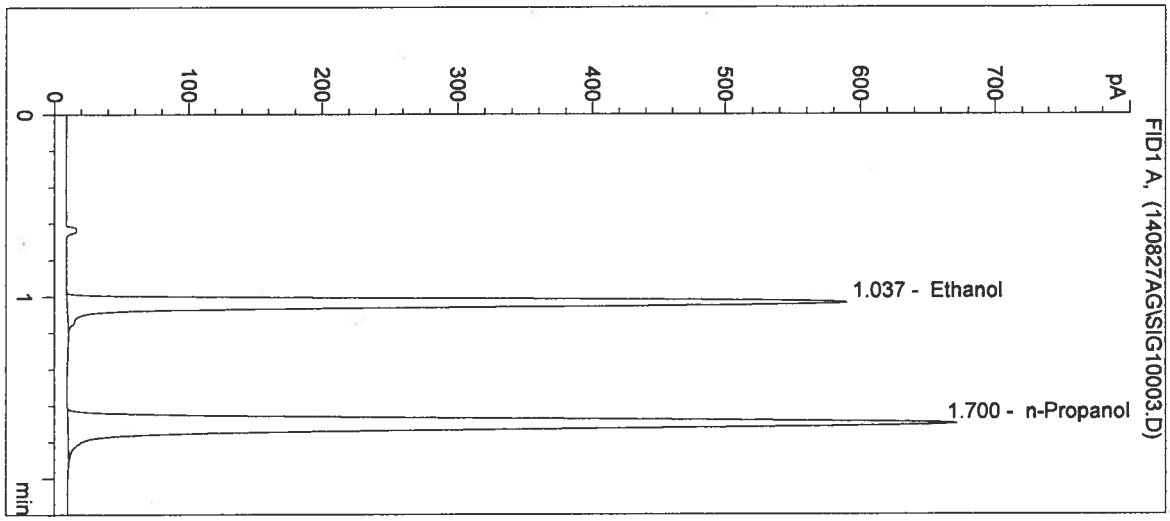
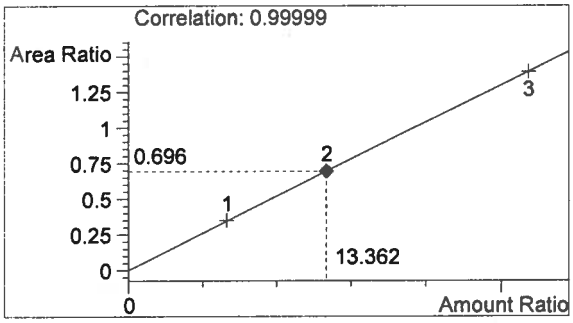
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 2:17:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



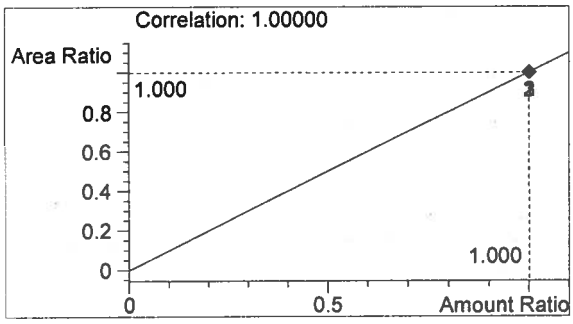
#	Compound	Peak Area	RT (min)
1	Ethanol	1804	1.037
2	n-Propanol	2592	1.700



Ethanol 0.160 g/100mL

14033

14034

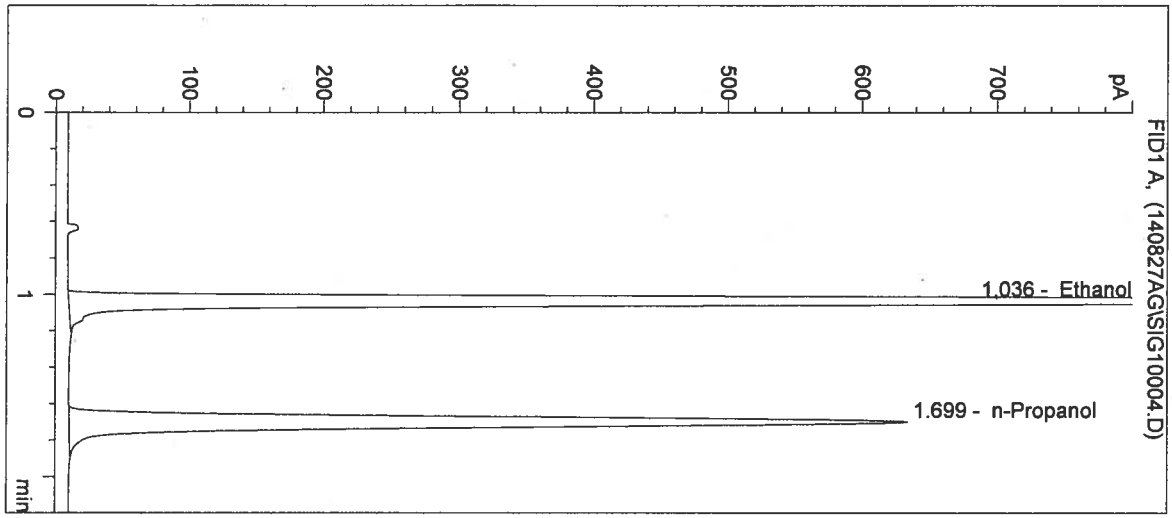


n-Propanol 0.012 g/100mL

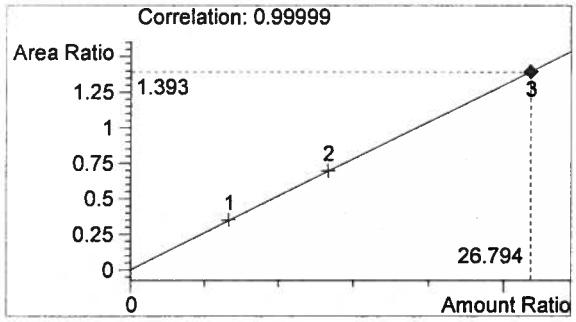
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 2:21:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



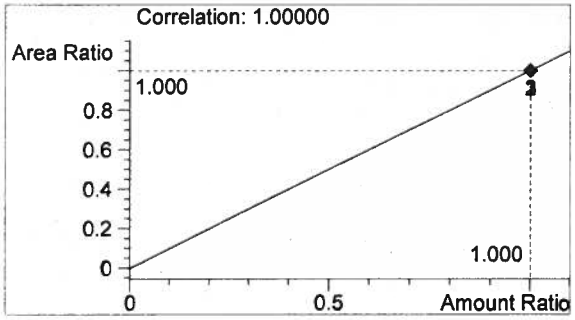
#	Compound	Peak Area	RT (min)
1	Ethanol	3412	1.036
2	n-Propanol	2450	1.699



Ethanol 0.322 g/100mL

14033

14034

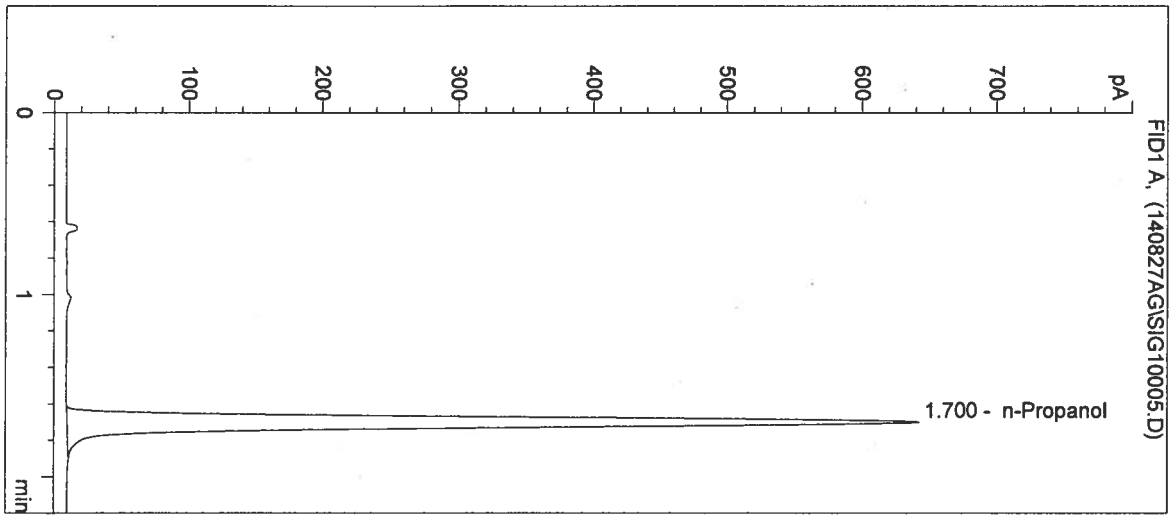


n-Propanol 0.012 g/100mL

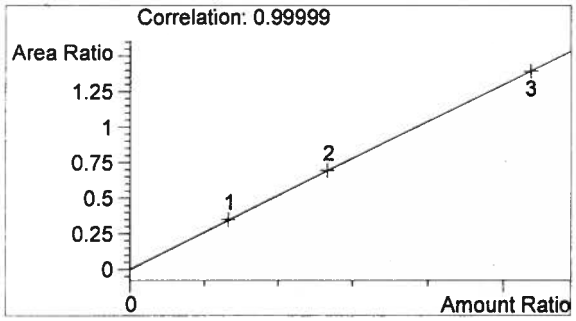
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 2:24:26 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



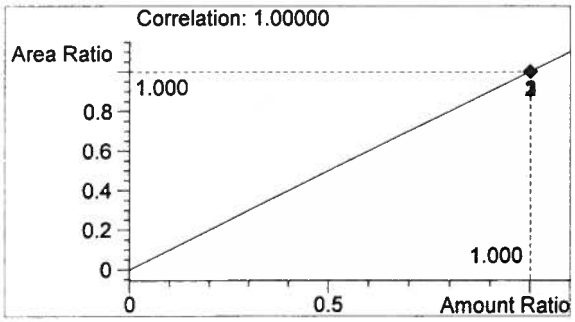
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2488	1.700



Ethanol 0.000 g/100mL

14033

14034



n-Propanol 0.012 g/100mL

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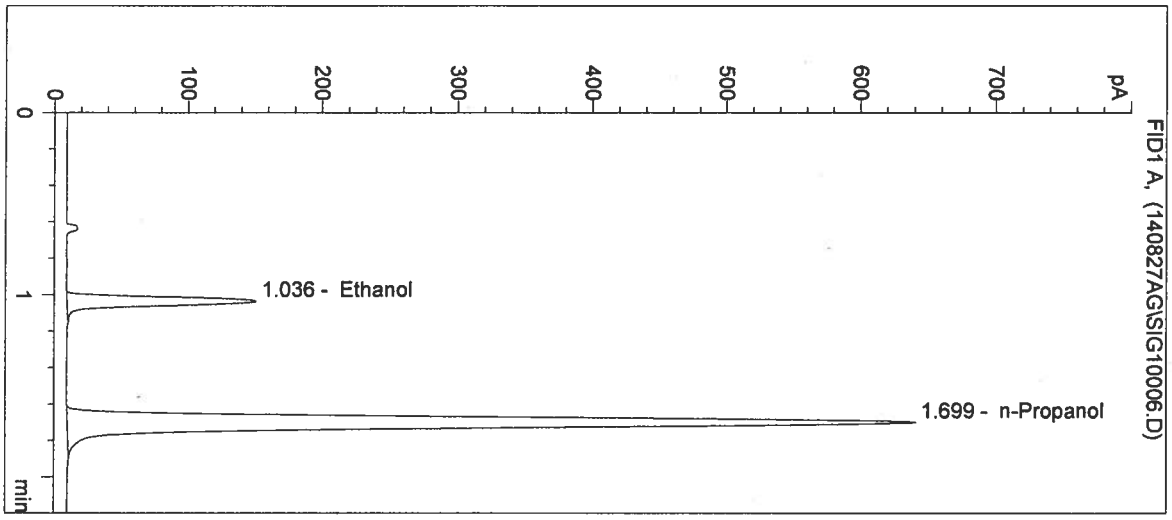
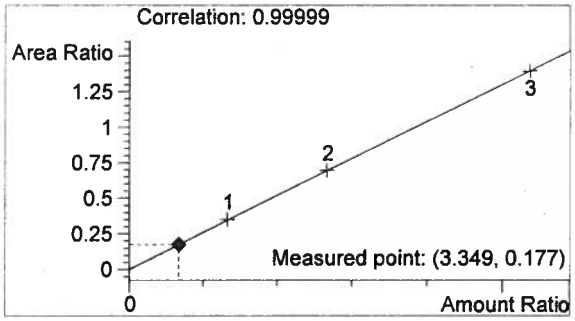
Inj. Date: 8/27/2014 2:27:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



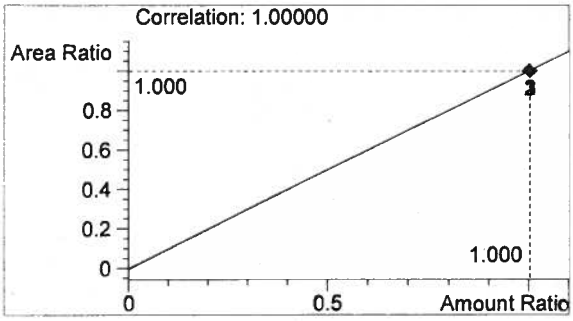
#	Compound	Peak Area	RT (min)
1	Ethanol	439	1.036
2	n-Propanol	2482	1.699



Ethanol 0.040 g/100mL

14033

14034



n-Propanol 0.012 g/100mL

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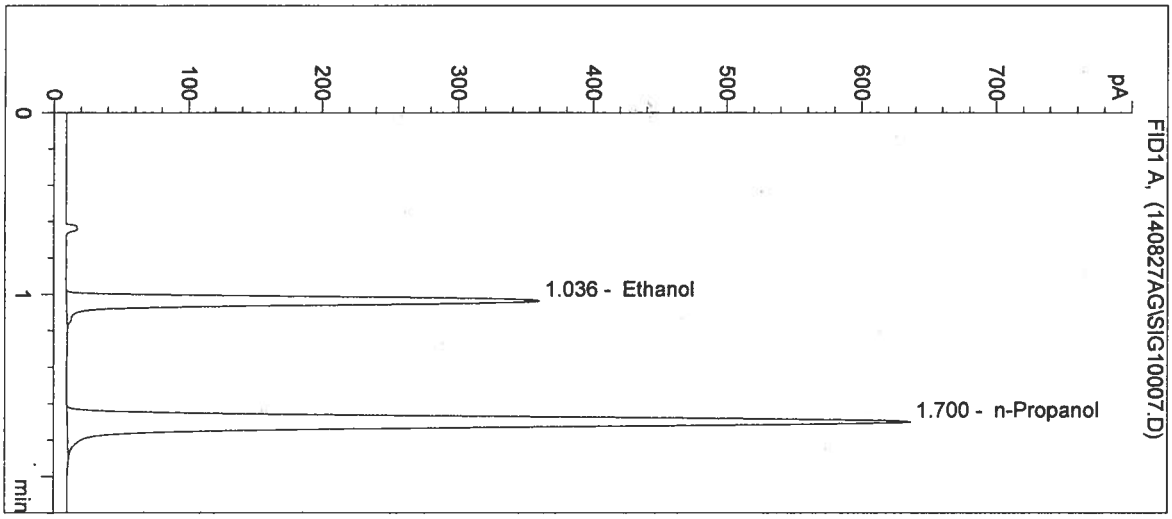
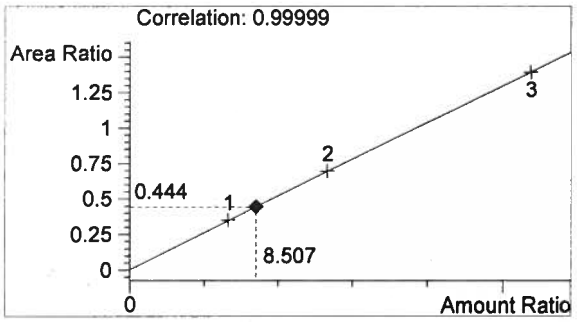
Inj. Date: 8/27/2014 2:30:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



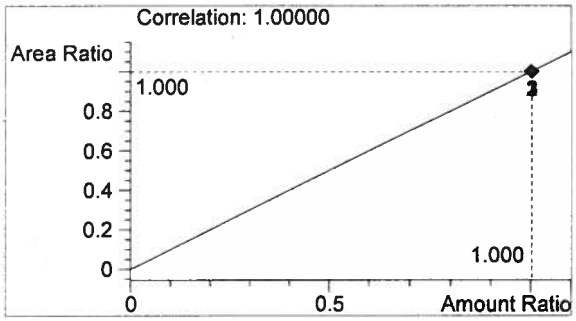
#	Compound	Peak Area	RT (min)
1	Ethanol	1098	1.036
2	n-Propanol	2470	1.700



Ethanol 0.102 g/100mL

14033

4034

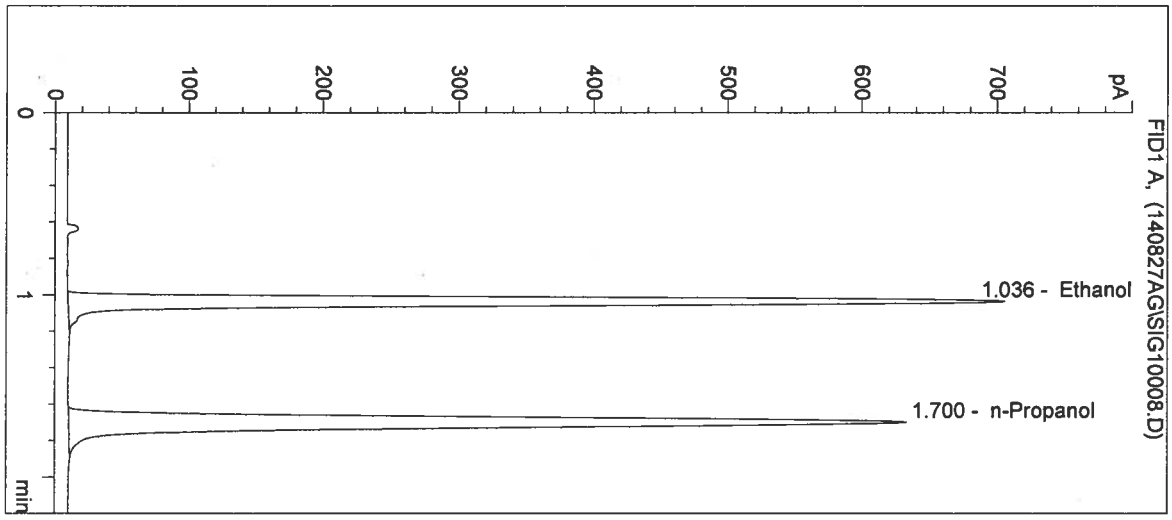


n-Propanol 0.012 g/100mL

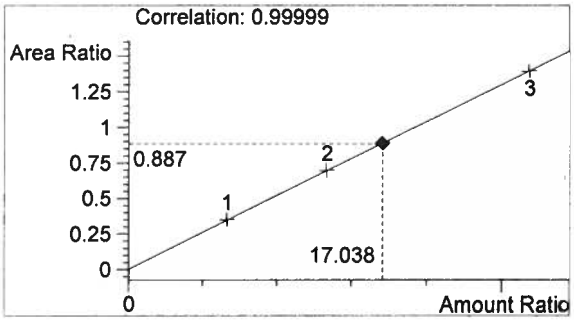
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 2:34:06 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



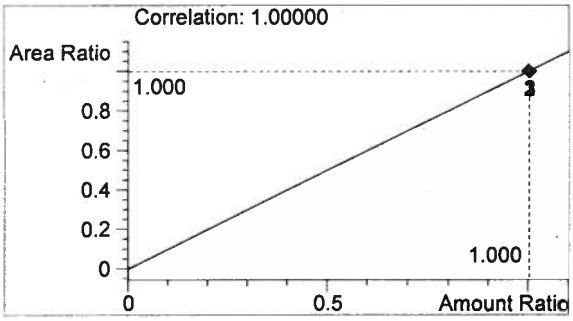
#	Compound	Peak Area	RT (min)
1	Ethanol	2172	1.036
2	n-Propanol	2450	1.700



Ethanol 0.204 g/100mL

14033

14034



n-Propanol 0.012 g/100mL

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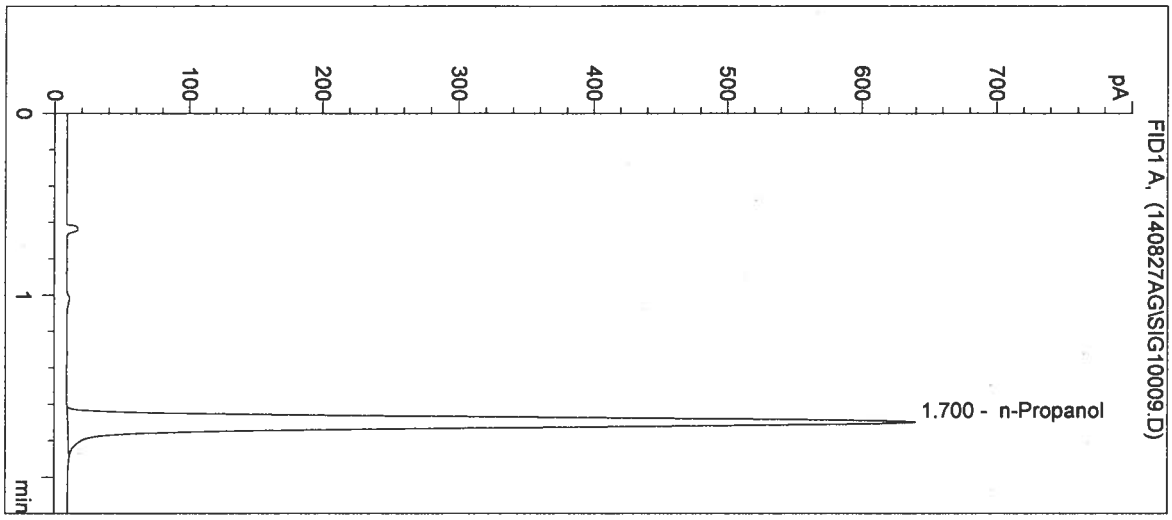
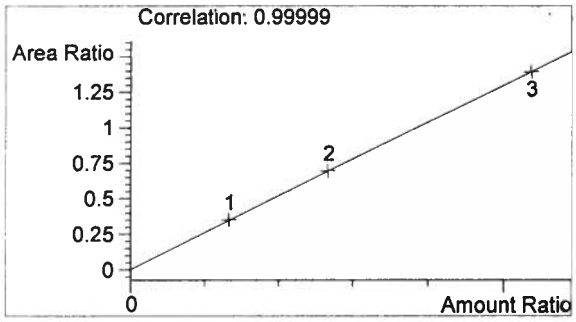
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 2:37:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



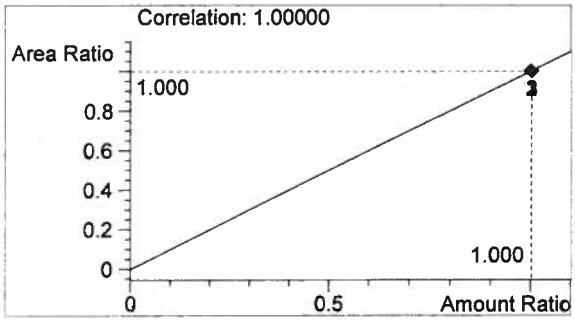
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2476	1.700



Ethanol 0.000 g/100mL

14033

14034

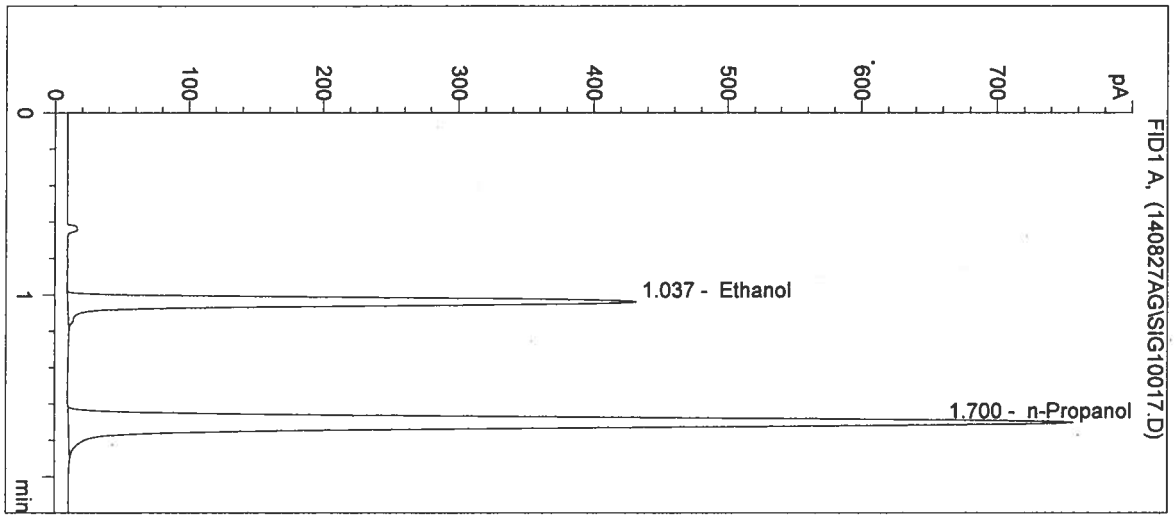


n-Propanol 0.012 g/100mL

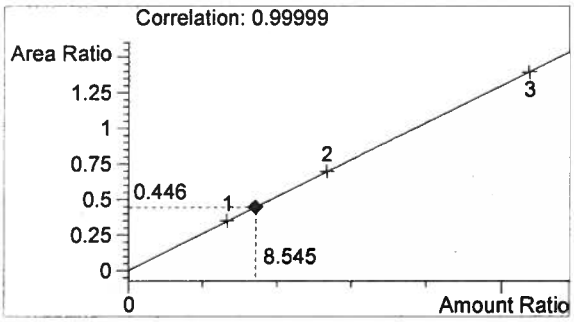
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 3:03:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

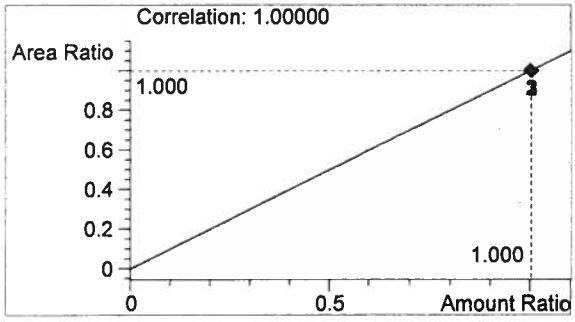
Sample Name: 14033 #1
Operator: Andrew Gingras
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	1305	1.037
2	n-Propanol	2924	1.700



Ethanol 0.103 g/100mL

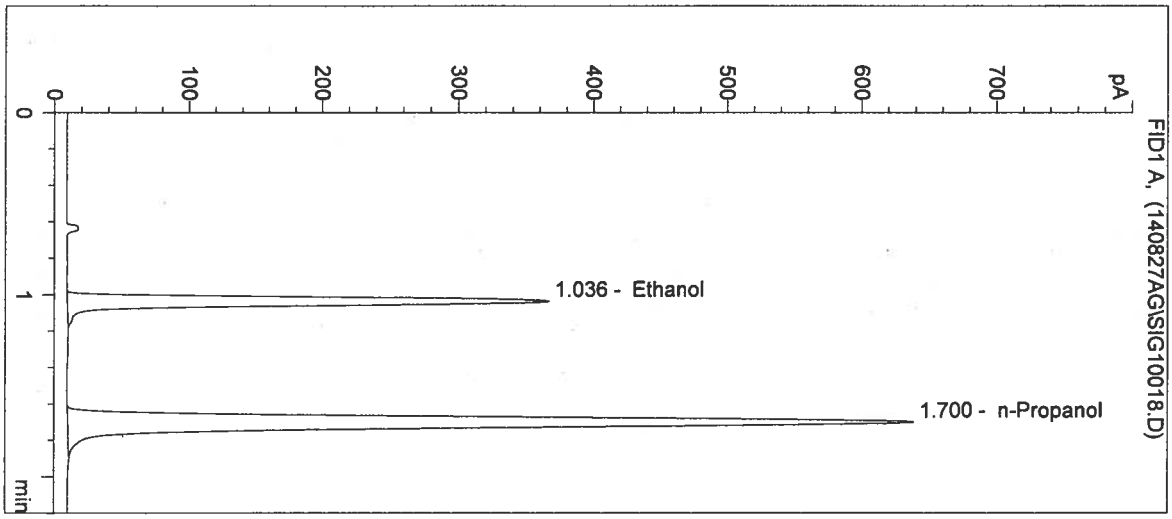


n-Propanol 0.012 g/100mL

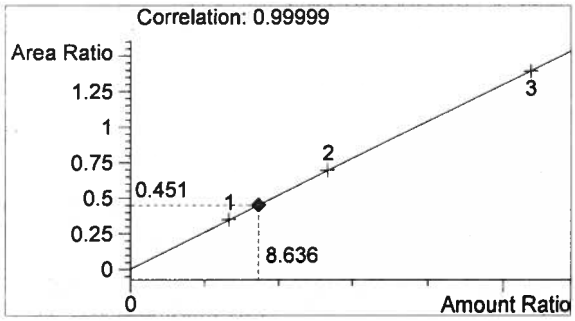
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 3:06:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

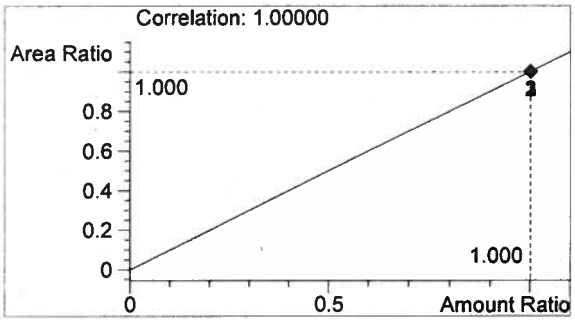
Sample Name: 14033 #2
Operator: Andrew Gingras
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	1118	1.036
2	n-Propanol	2478	1.700



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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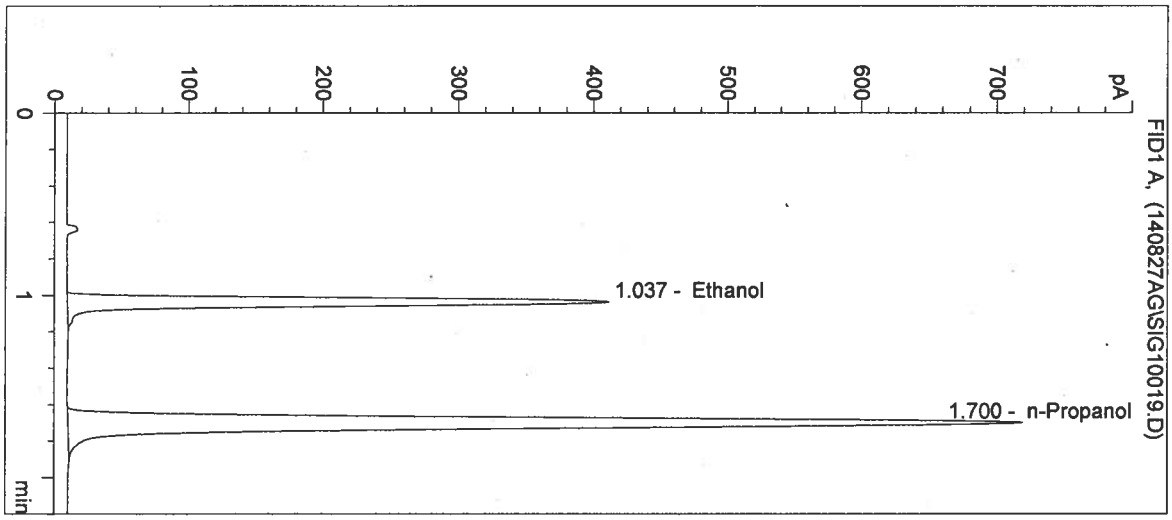
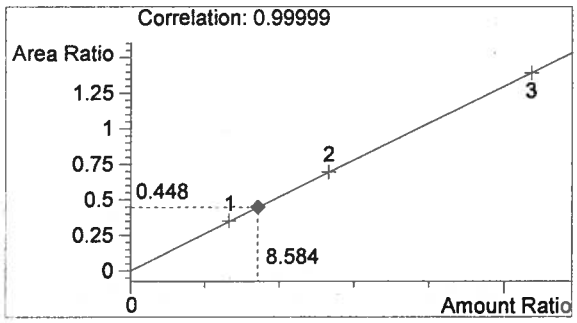
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 3:09:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

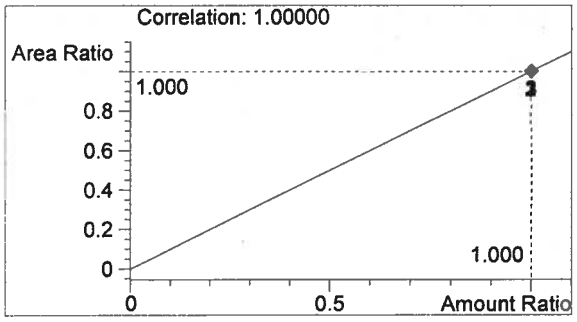
Sample Name: 14033 #3
Operator: Andrew Gingras
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	1246	1.037
2	n-Propanol	2778	1.700



Ethanol 0.103 g/100mL

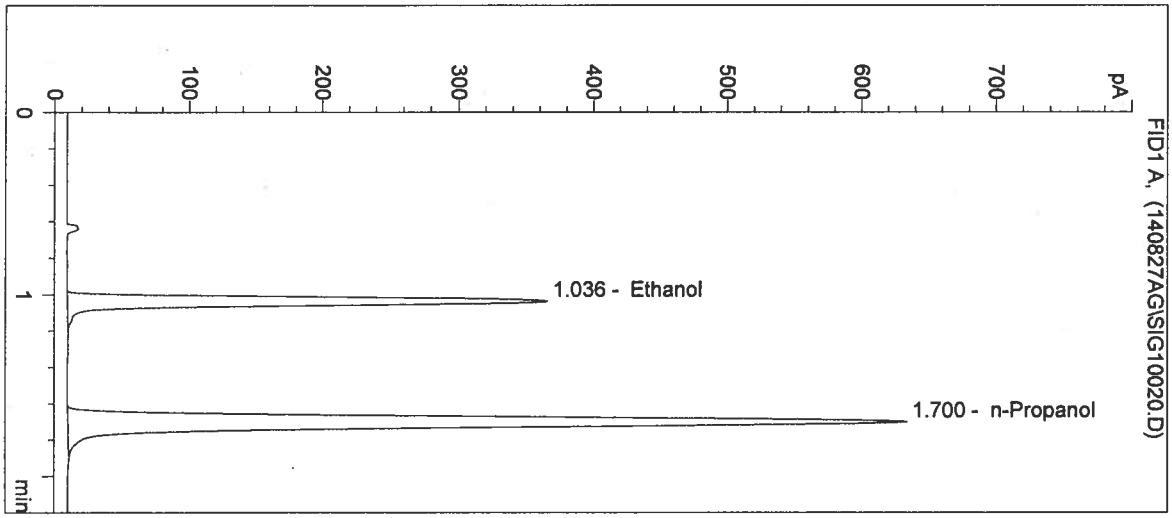


n-Propanol 0.012 g/100mL

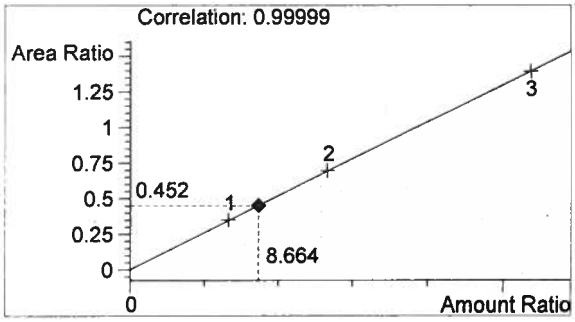
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 3:12:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

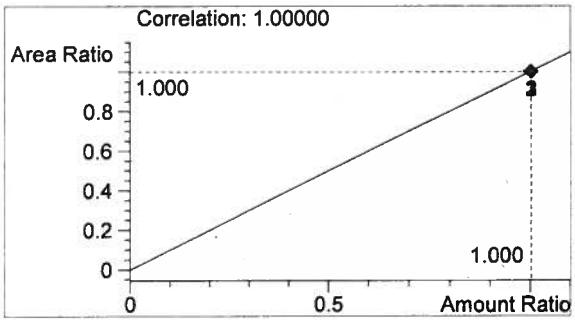
Sample Name: 14033 #4
Operator: Andrew Gingras
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.036
2	n-Propanol	2444	1.700



Ethanol 0.104 g/100mL

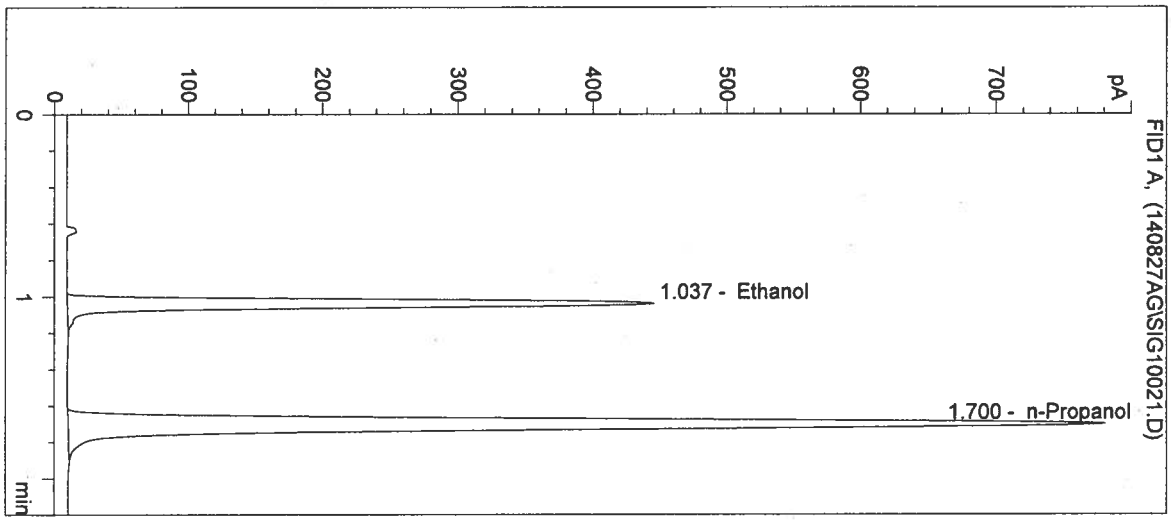


n-Propanol 0.012 g/100mL

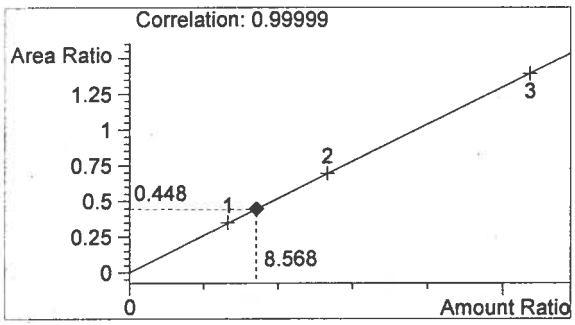
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 3:16:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

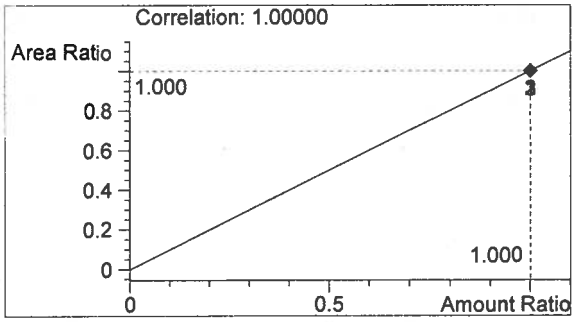
Sample Name: 14033 #5
Operator: Andrew Gingras
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	1351	1.037
2	n-Propanol	3018	1.700



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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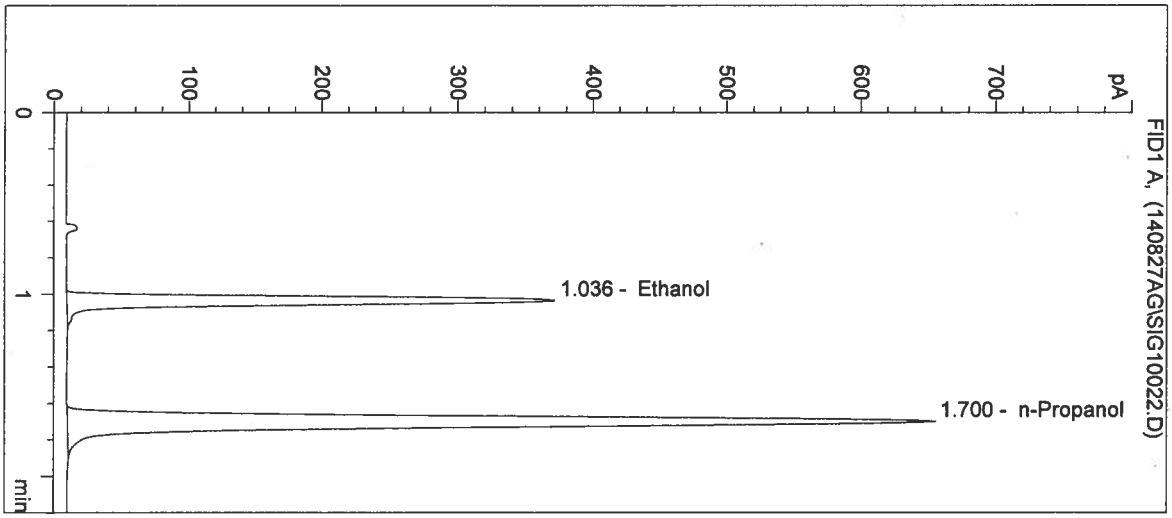
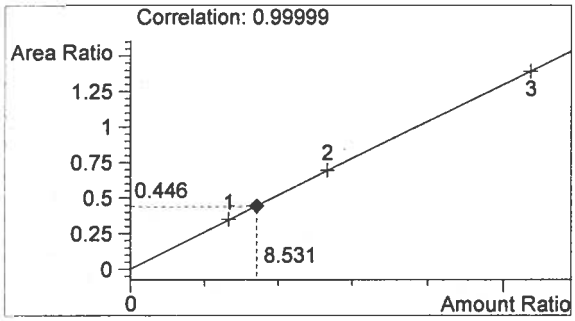
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 3:19:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.10 CTRL - AG
Operator: Andrew Gingras
Location: Vial 22

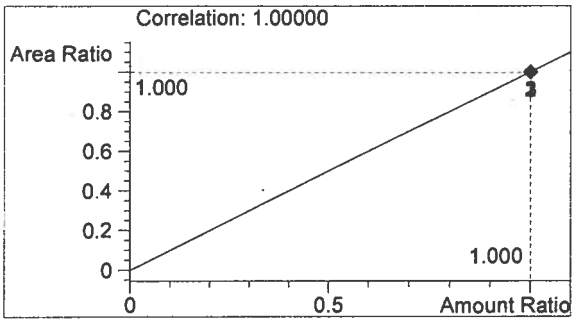


#	Compound	Peak Area	RT (min)
1	Ethanol	1131	1.036
2	n-Propanol	2537	1.700



Ethanol 0.102 g/100mL

14033



n-Propanol 0.012 g/100mL

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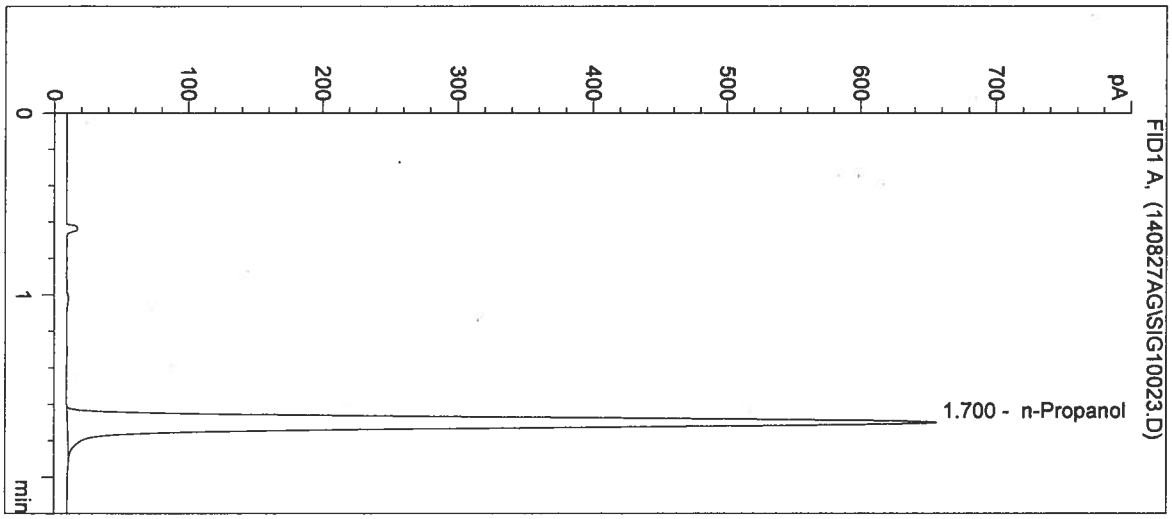
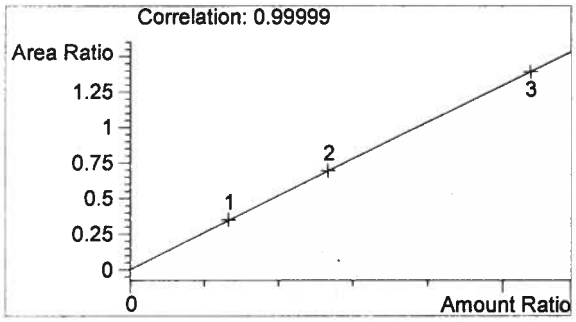
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/27/2014 3:22:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: NEG CTRL - AG
Operator: Andrew Gingras
Location: Vial 23

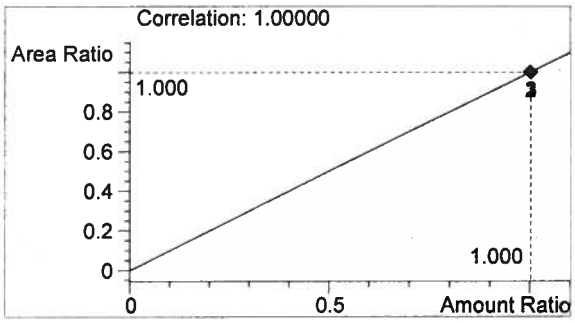


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2540	1.700



Ethanol 0.000 g/100mL

14033



n-Propanol 0.012 g/100mL

AG

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

Sequence Parameters:

Operator:	Justin Knoy
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	140828JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0814-01 - Exp. 02/19/2015
Ethanol Calibrator 2, E0814-02 - Exp. 02/19/2015
Ethanol Calibrator 3, E0814-03 - Exp. 02/19/2015
CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp.10/2018
CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019

Internal Standard Lot#P0814 - Exp. 10/30/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC1	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC1	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC1	1	Ctrl Samp		14033
7	Vial 7	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC1	1	Ctrl Samp		14034
10	Vial 10	14033-1	SIMALC1	1	Sample		
11	Vial 11	14033-2	SIMALC1	1	Sample		
12	Vial 12	14033-3	SIMALC1	1	Sample		
13	Vial 13	14033-4	SIMALC1	1	Sample		
14	Vial 14	14033-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
17	Vial 17	14034-1	SIMALC1	1	Sample		
18	Vial 18	14034-2	SIMALC1	1	Sample		
19	Vial 19	14034-3	SIMALC1	1	Sample		
20	Vial 20	14034-4	SIMALC1	1	Sample		
21	Vial 21	14034-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL JK	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

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

Sequence Table (Back Injector):

No entries - empty table!

14033

14034

Calibration Table

Calib. Data Modified : Thursday, August 28, 2014 9:55:25 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
1.037	1	1	7.95500e-2	848.51947	9.37515e-5		1	Ethanol
		2	1.59740e-1	1705.05017	9.36864e-5			
		3	3.21980e-1	3347.73804	9.61784e-5			
1.700	1	1	1.20000e-2	2445.50317	4.90697e-6	I1		n-Propanol
		2	1.20000e-2	2456.61743	4.88477e-6			
		3	1.20000e-2	2412.70605	4.97367e-6			

14033

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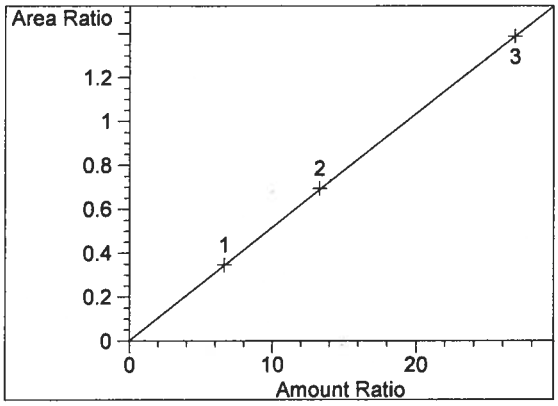
Peak Sum Table

No Entries in table

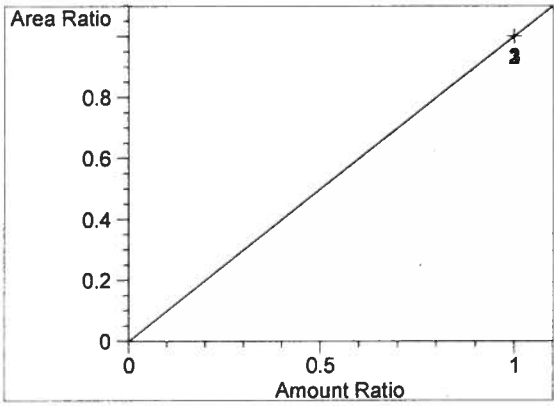
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.037
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00353
Formula: y = mx + b
m: 5.16829e-2
b: 2.81090e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.700
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

==========

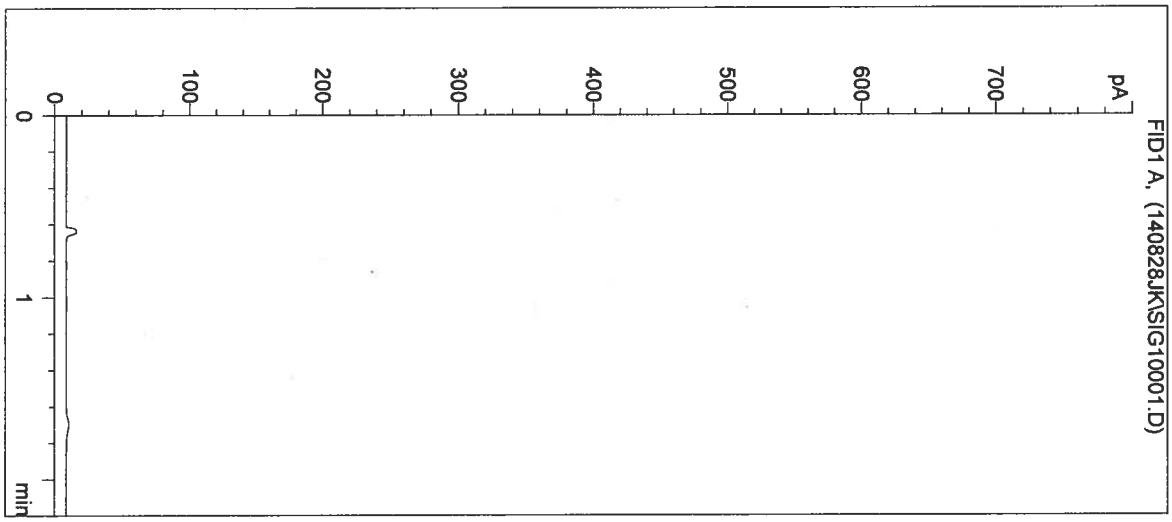
14033

14034

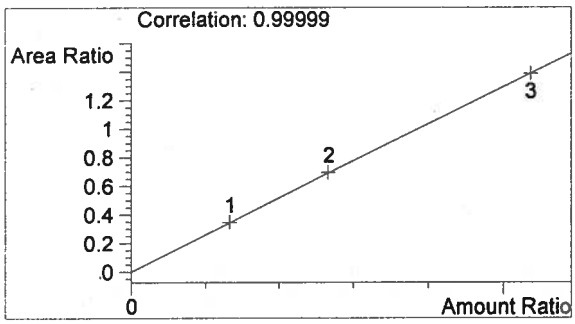
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 9:43:20 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



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



Ethanol 0.000 g/100mL

14033

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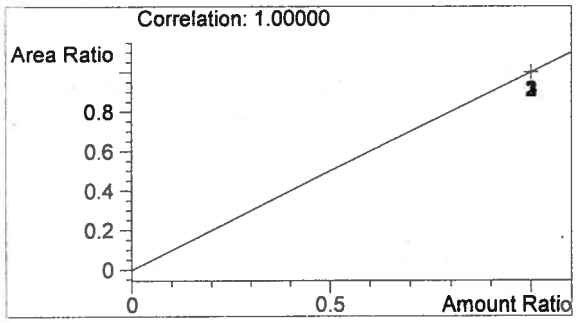


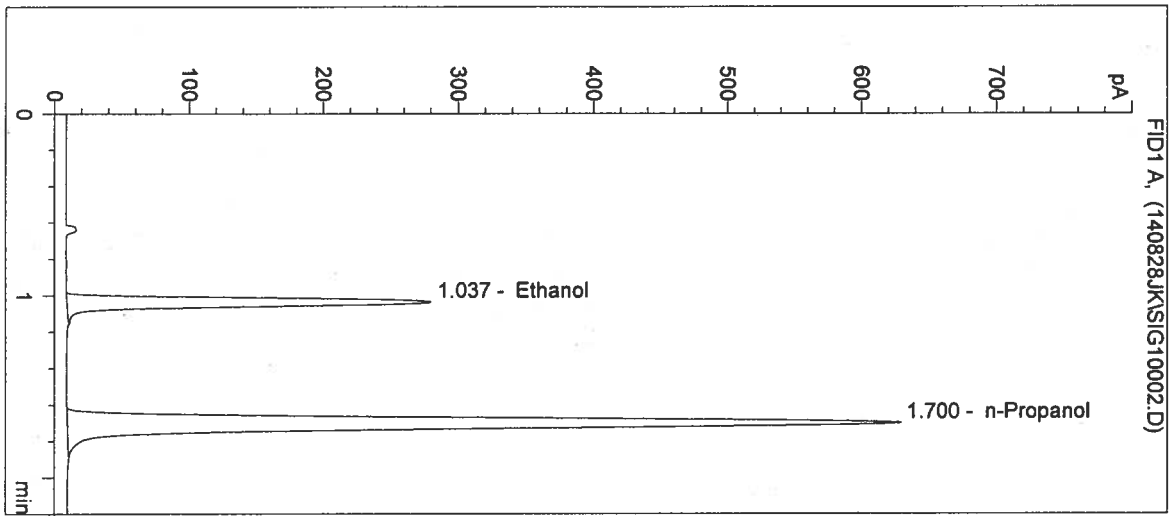
n-Propanol 0.000 g/100mL

JK

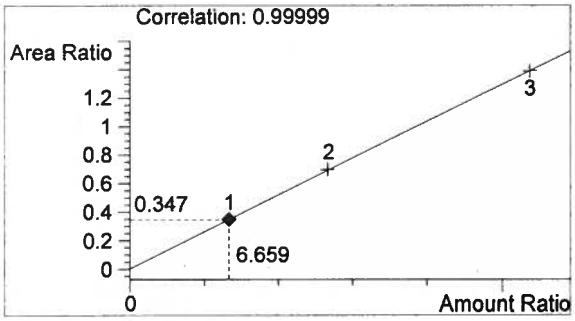
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 9:46:37 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0814-01 - (0.079g/100mL)

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



#	Compound	Peak Area	RT (min)
1	Ethanol	849	1.037
2	n-Propanol	2446	1.700



Ethanol 0.080 g/100mL

14033

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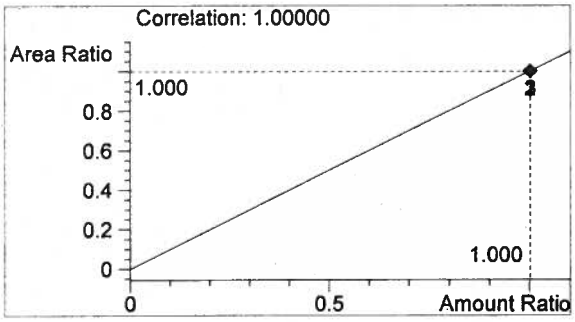
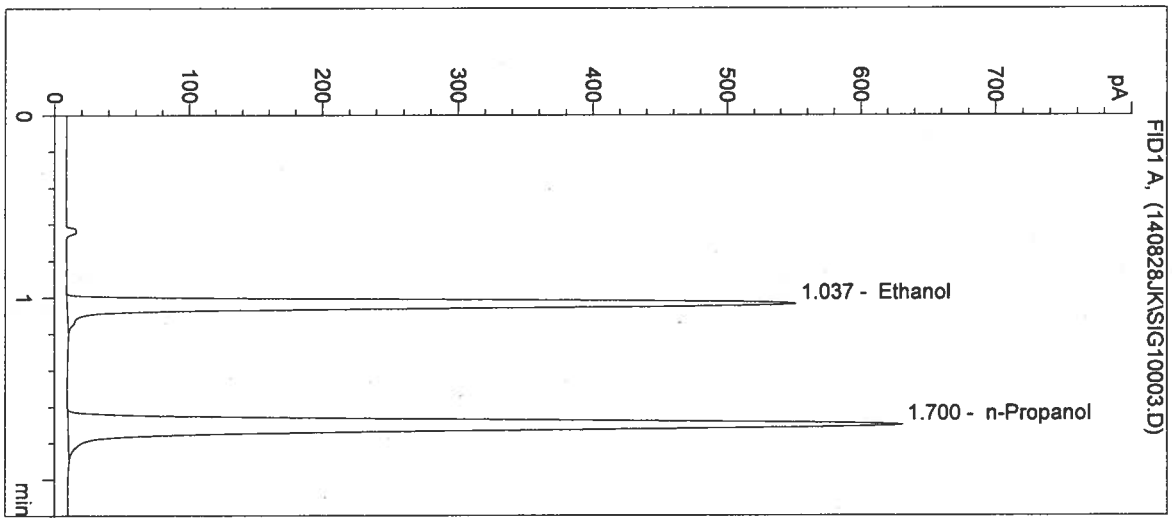


n-Propanol 0.012 g/100mL

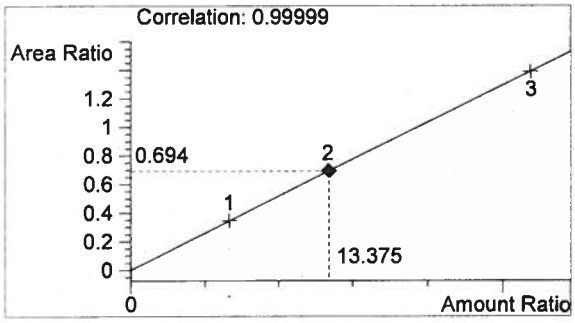
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 9:49:55 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0814-02 - (0.158g/100mL)

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



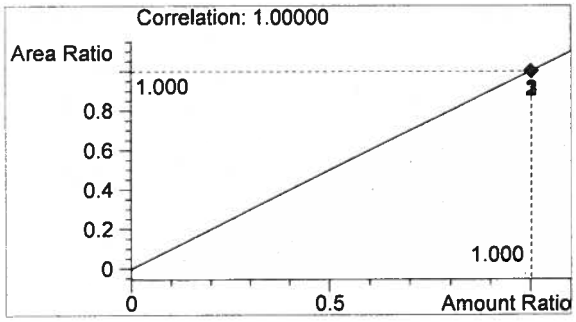
#	Compound	Peak Area	RT (min)
1	Ethanol	1705	1.037
2	n-Propanol	2457	1.700



Ethanol 0.160 g/100mL

14033

14034



n-Propanol 0.012 g/100mL

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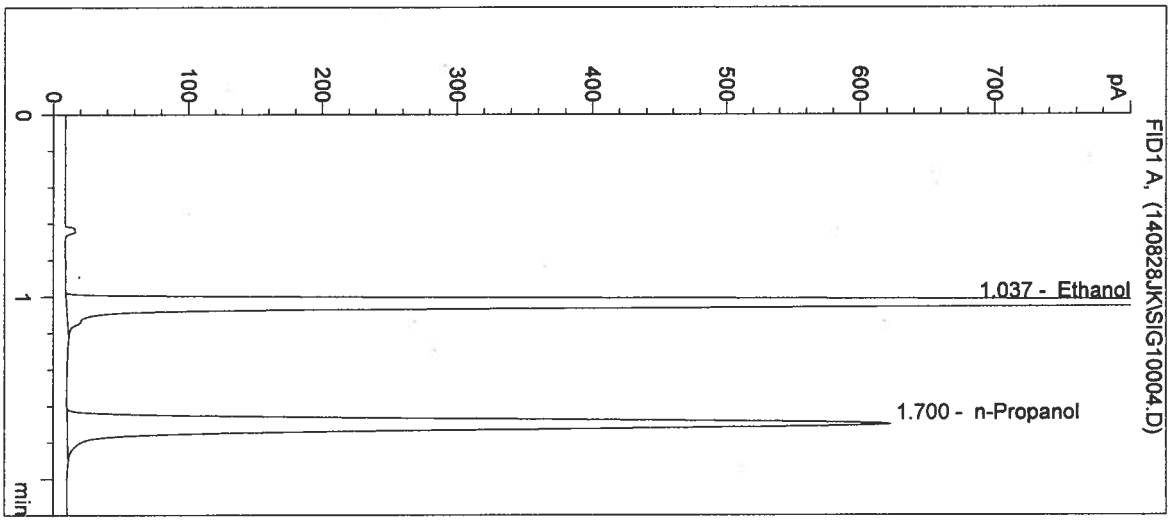
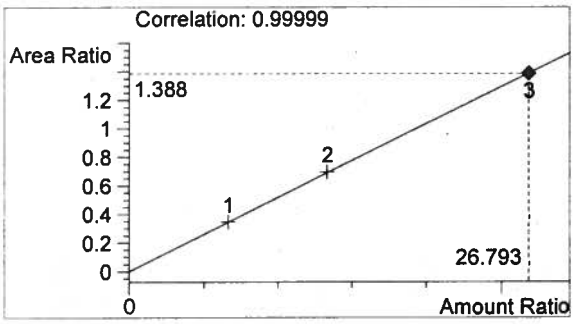
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 9:53:12 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0814-03 - (0.316g/100mL)

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



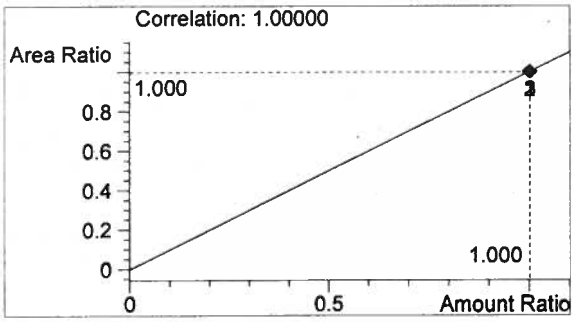
#	Compound	Peak Area	RT (min)
1	Ethanol	3348	1.037
2	n-Propanol	2413	1.700



Ethanol 0.322 g/100mL

14033

14034

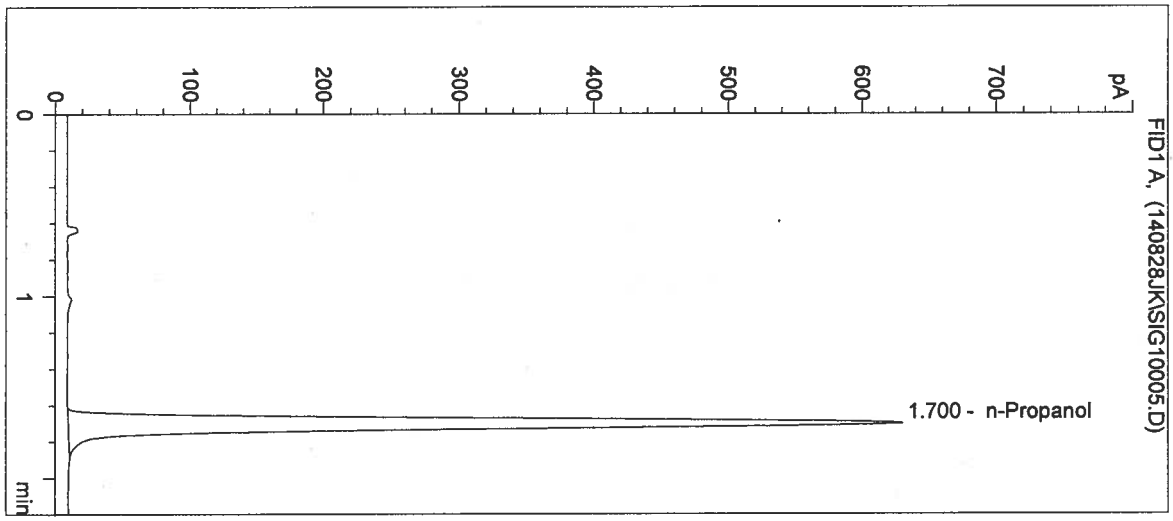


n-Propanol 0.012 g/100mL

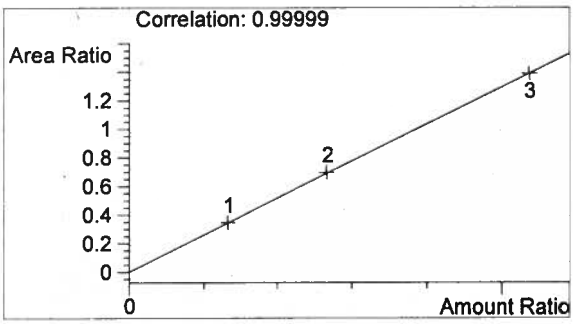
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 9:56:24 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



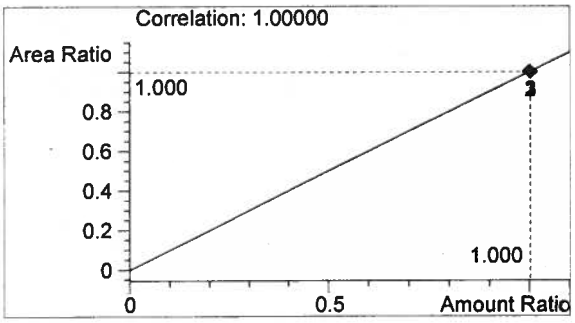
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2448	1.700



Ethanol 0.000 g/100mL

14033

14034

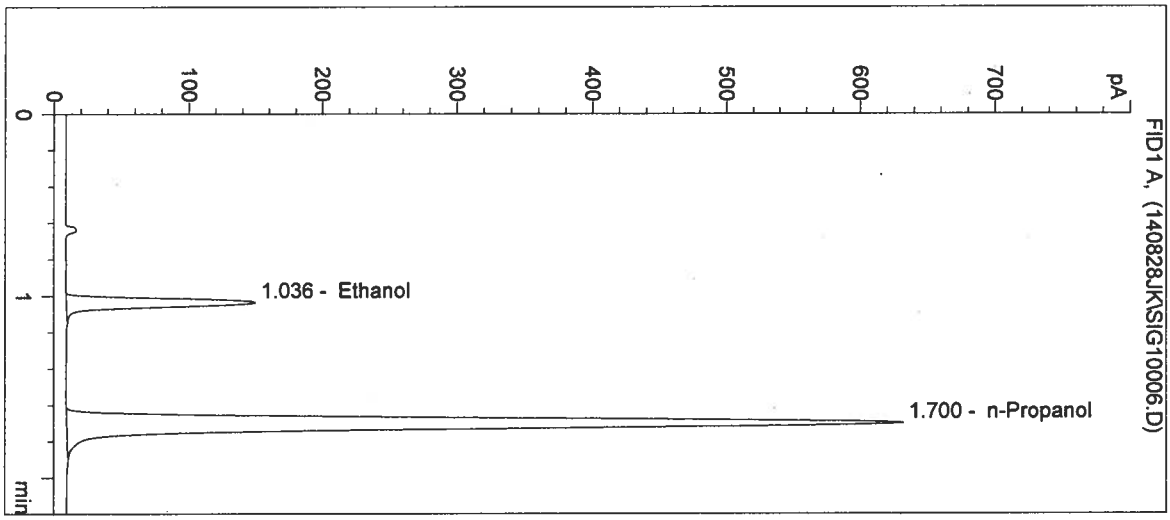


n-Propanol 0.012 g/100mL

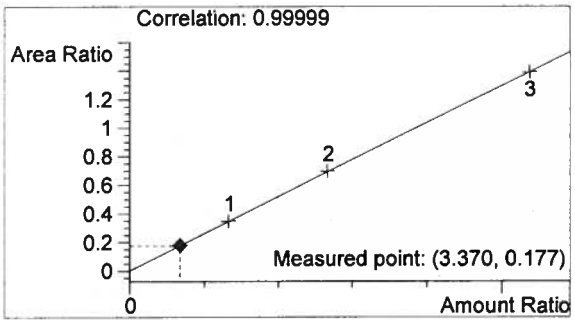
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 9:59:37 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.04g/100mL

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



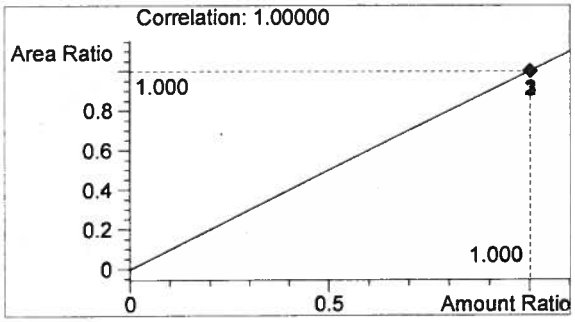
#	Compound	Peak Area	RT (min)
1	Ethanol	434	1.036
2	n-Propanol	2453	1.700



Ethanol 0.040 g/100mL

14033

14034

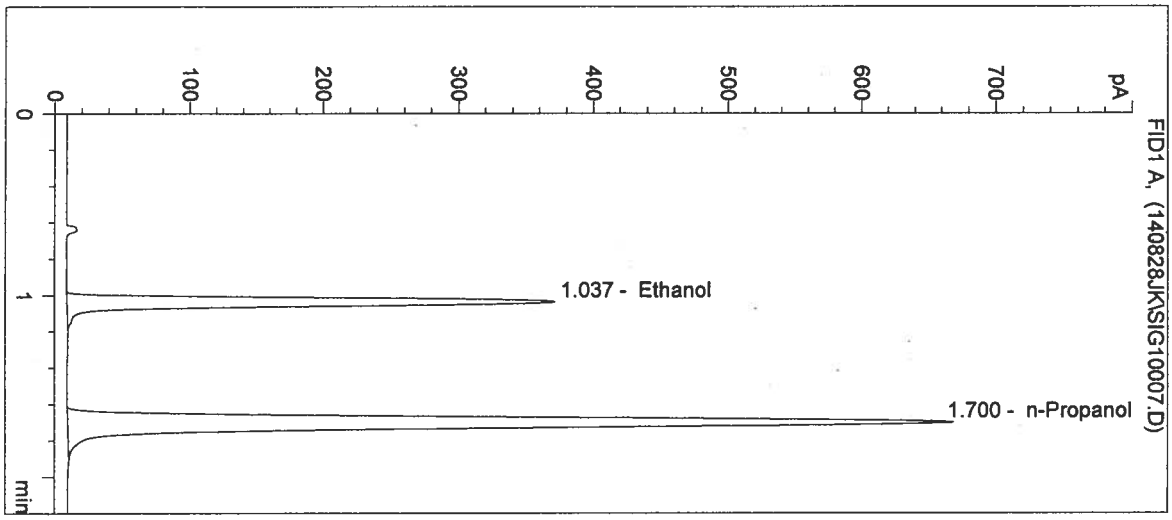


n-Propanol 0.012 g/100mL

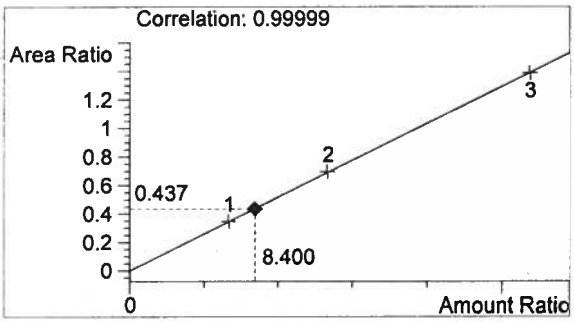
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 10:02:51 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

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



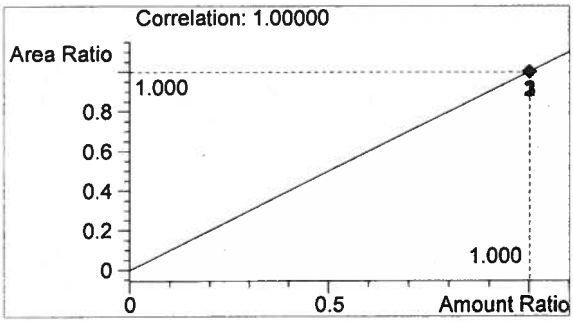
#	Compound	Peak Area	RT (min)
1	Ethanol	1134	1.037
2	n-Propanol	2595	1.700



Ethanol 0.101 g/100mL

14033

14034

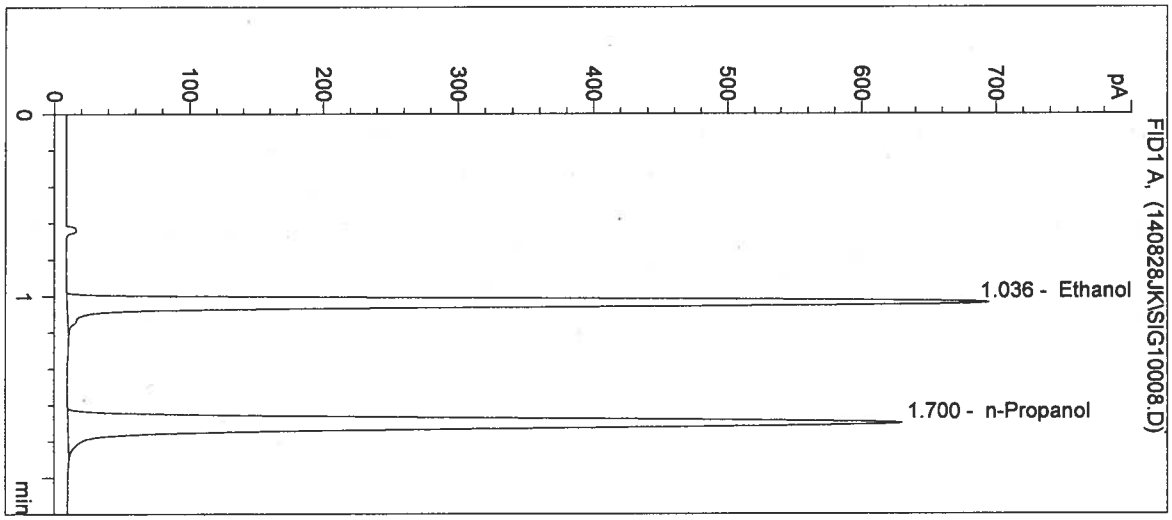


n-Propanol 0.012 g/100mL

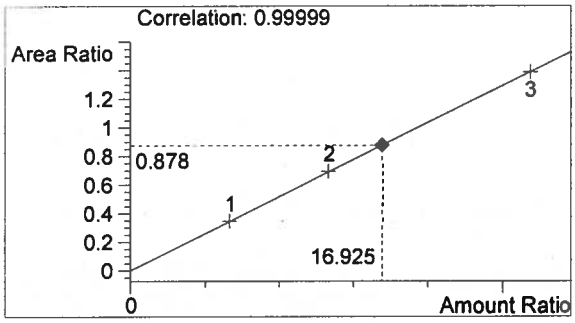
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 10:06:07 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.20g/100mL

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



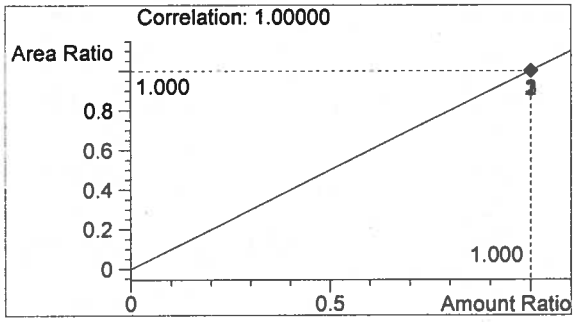
#	Compound	Peak Area	RT (min)
1	Ethanol	2142	1.036
2	n-Propanol	2440	1.700



Ethanol 0.203 g/100mL

14033

14034

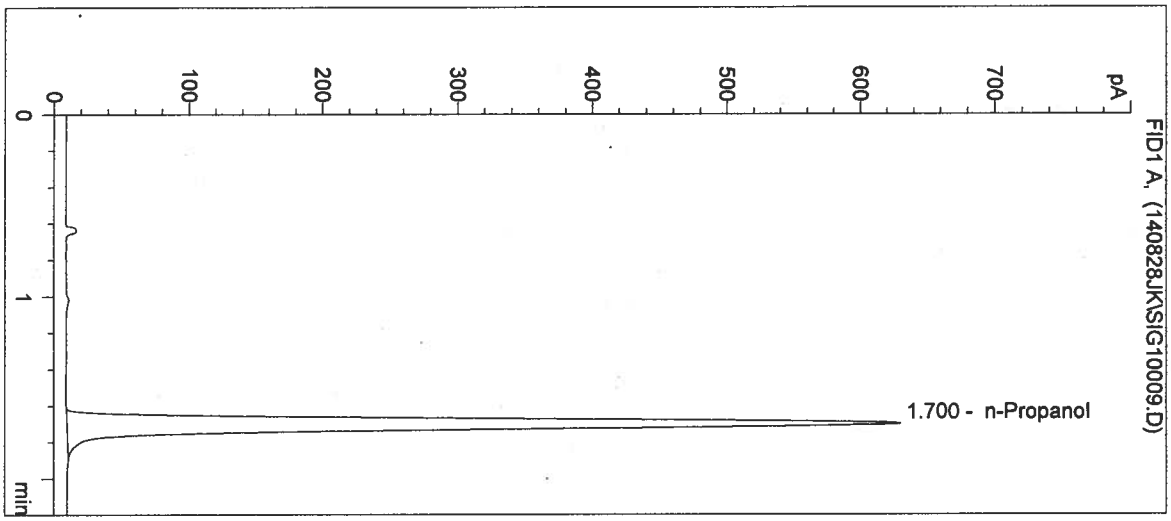


n-Propanol 0.012 g/100mL

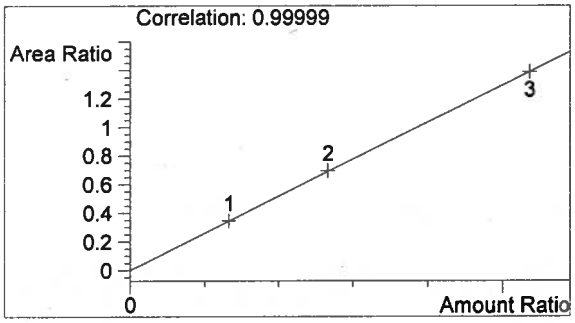
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 10:09:20 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



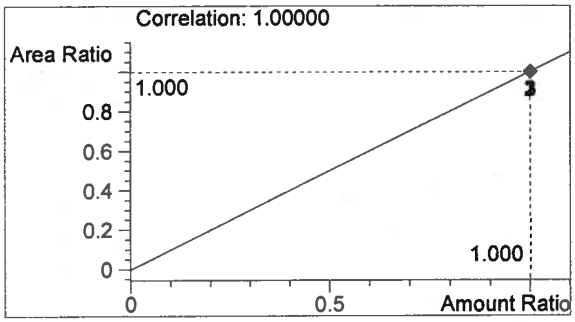
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2452	1.700



Ethanol 0.000 g/100mL

14033

14034

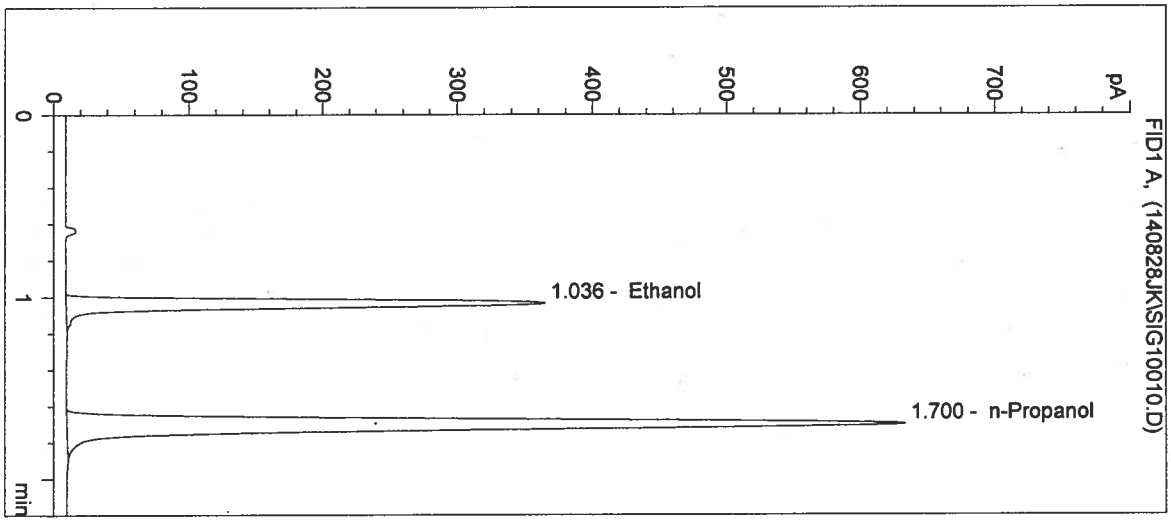


n-Propanol 0.012 g/100mL

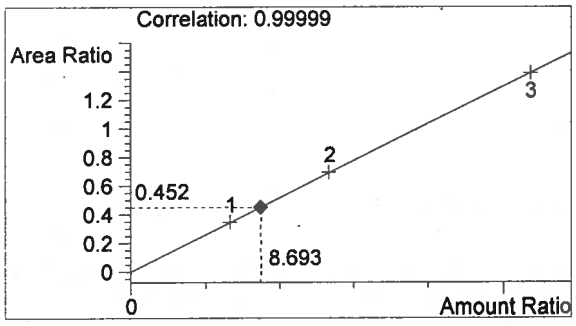
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 10:12:33 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

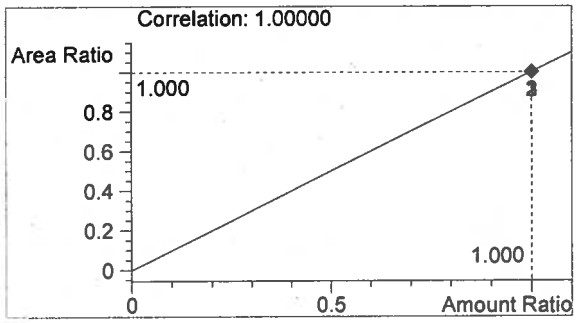
Sample Name: 14033-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.036
2	n-Propanol	2460	1.700



Ethanol 0.104 g/100mL

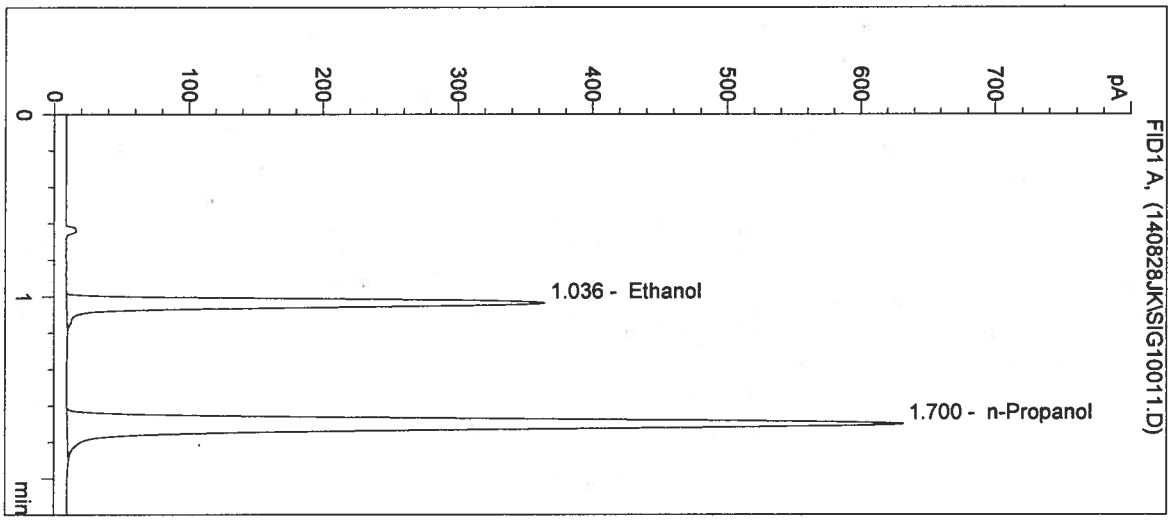


n-Propanol 0.012 g/100mL

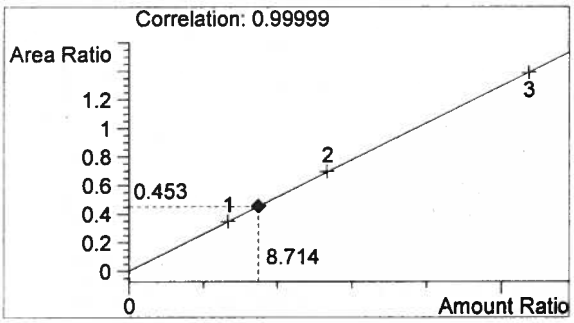
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 10:15:46 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

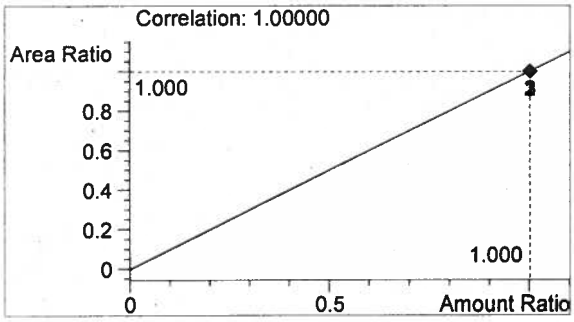
Sample Name: 14033-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1109	1.036
2	n-Propanol	2448	1.700



Ethanol 0.105 g/100mL

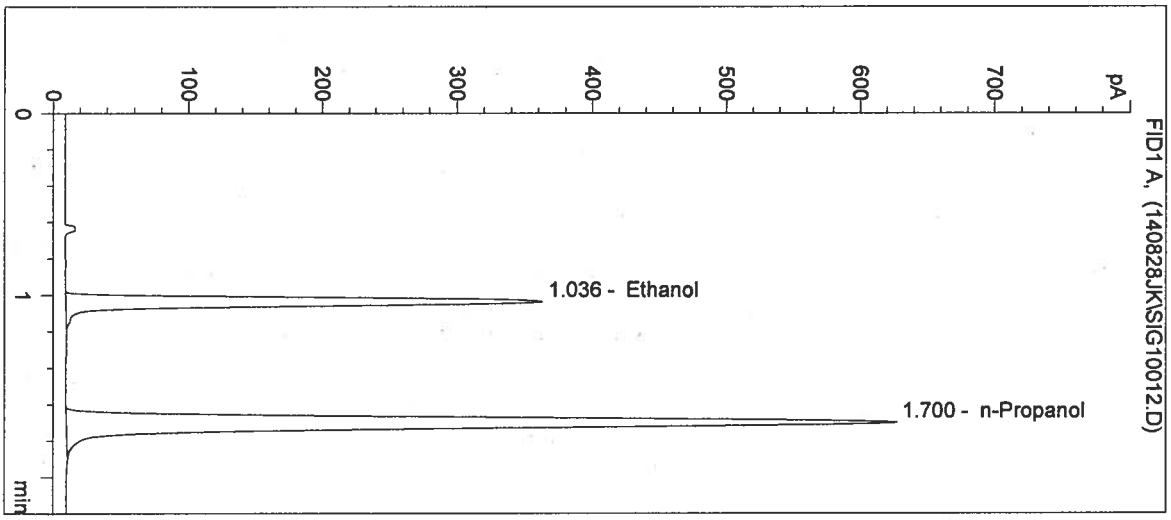


n-Propanol 0.012 g/100mL

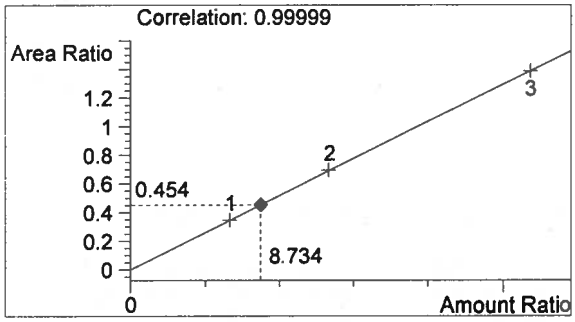
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 10:19:00 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

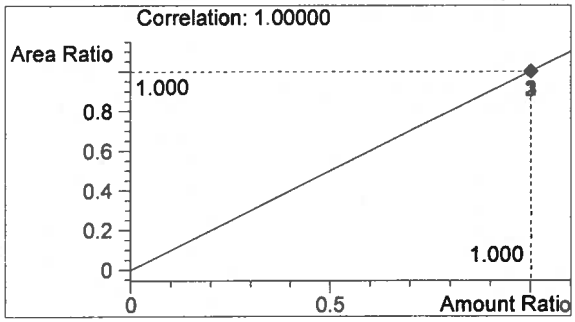
Sample Name: 14033-3
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1103	1.036
2	n-Propanol	2427	1.700



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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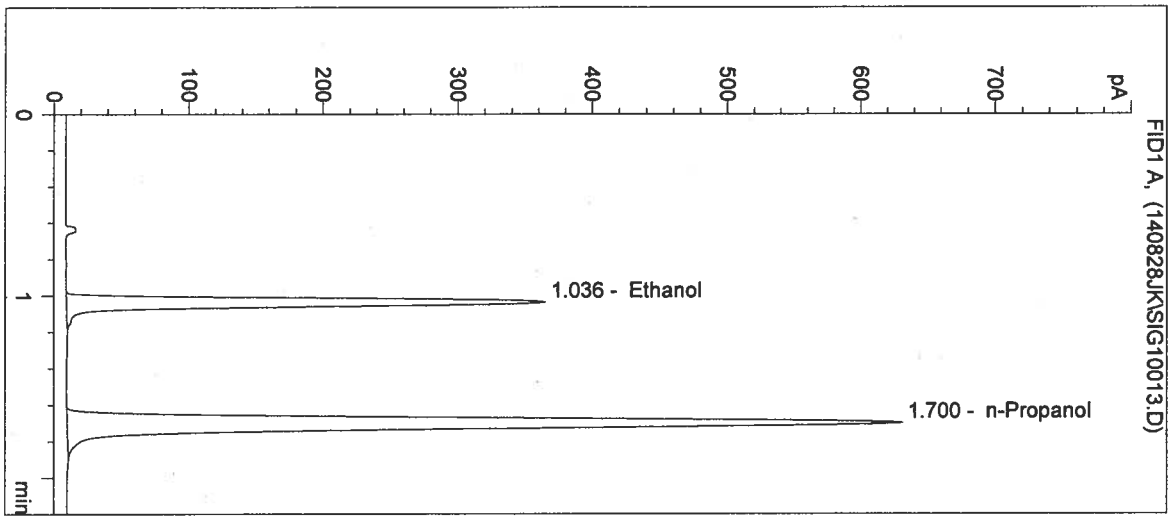
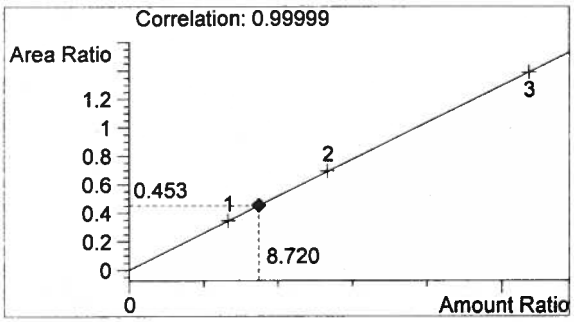
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 10:22:13 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

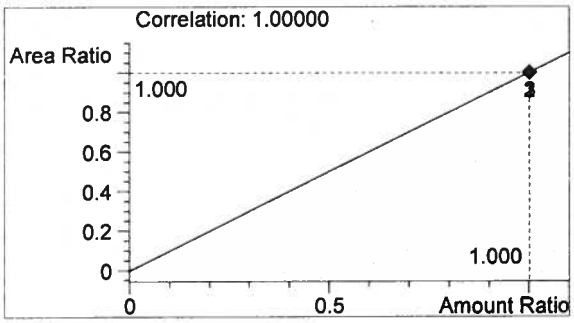
Sample Name: 14033-4
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.036
2	n-Propanol	2439	1.700



Ethanol 0.105 g/100mL



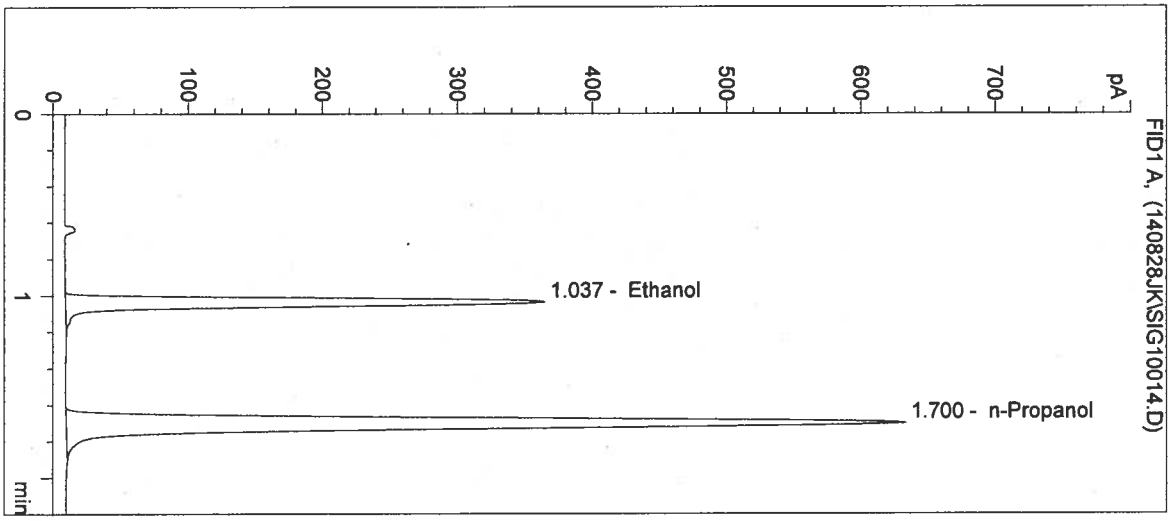
n-Propanol 0.012 g/100mL

JK

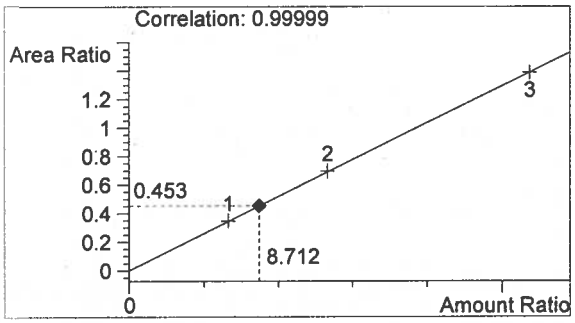
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 10:25:27 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

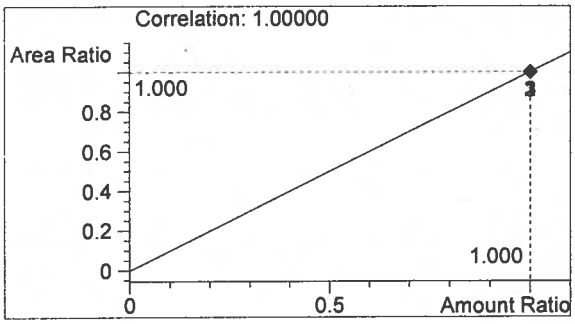
Sample Name: 14033-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1111	1.037
2	n-Propanol	2452	1.700



Ethanol 0.105 g/100mL

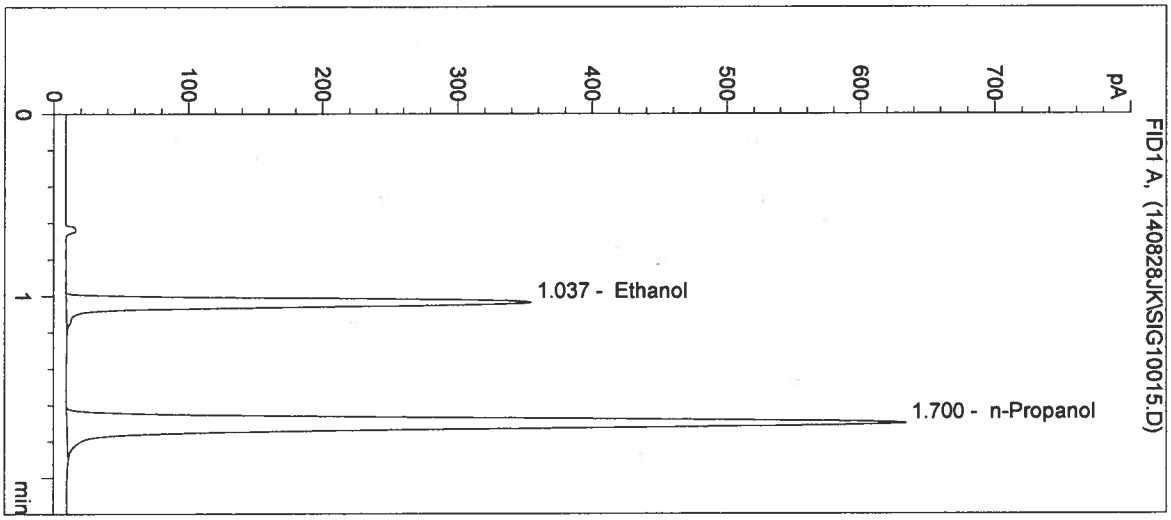


n-Propanol 0.012 g/100mL

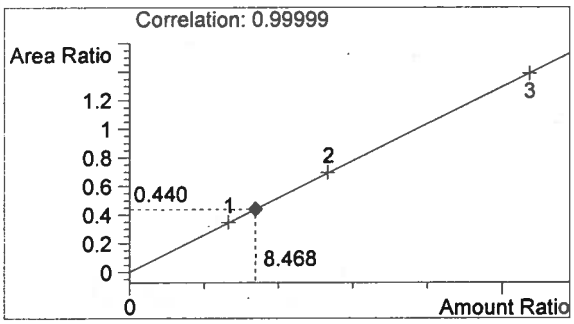
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 10:28:40 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

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

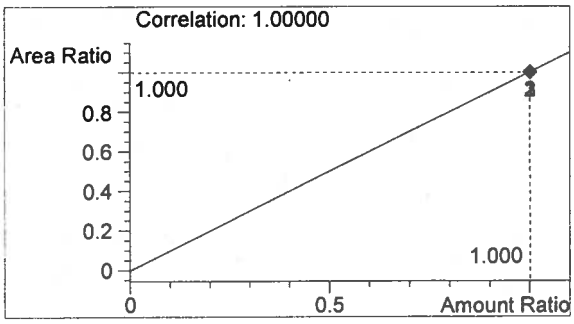


#	Compound	Peak Area	RT (min)
1	Ethanol	1086	1.037
2	n-Propanol	2465	1.700



Ethanol 0.102 g/100mL

14033

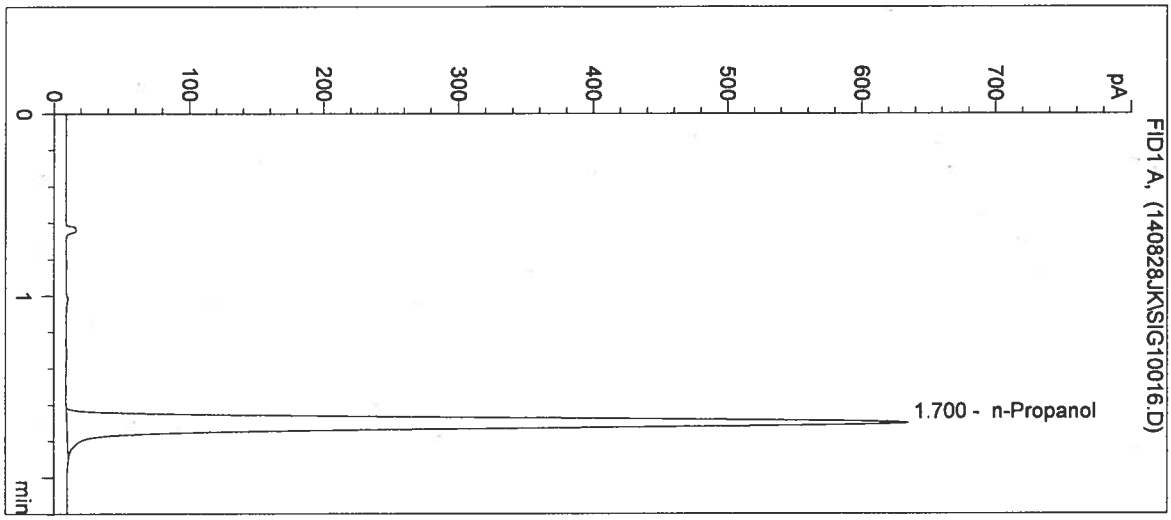


n-Propanol 0.012 g/100mL

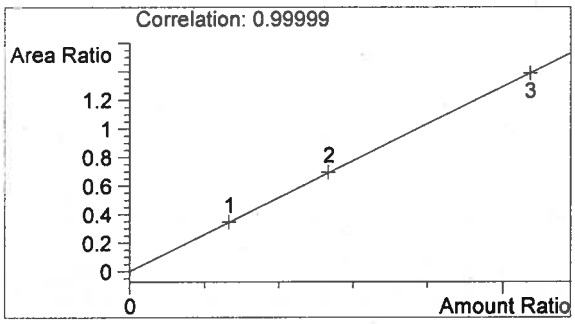
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 10:31:53 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

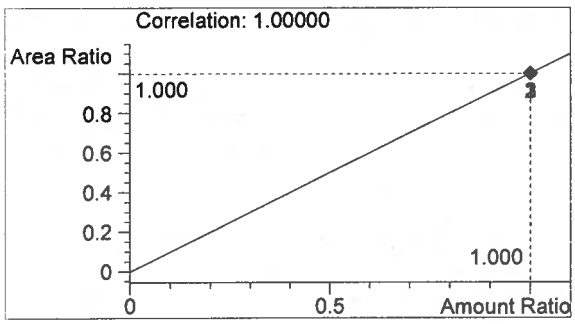


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2464	1.700



Ethanol 0.000 g/100mL

14033



n-Propanol 0.012 g/100mL

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

Sequence Parameters:

Operator:	Dawn Sklerov
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	140828DS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot# FN05011301 - exp 05/2018
0.10 Control - Lot# FN08051301 - exp 10/2018
0.20 Control - Lot# FN03211401 - exp 06/2019
n-Propanol ISTD - Lot# P0814 - exp 10/30/14
0.079 Cal 1 - Lot# E0814-01 - exp 2/19/2015
0.158 Cal 2 - Lot# E0814-02 - exp 2/19/2015
0.316 Cal 3 - Lot# E0814-03 - exp 2/19/2015

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		14033
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		14034
10	Vial 10	14033 #1	SIMALC1	1	Sample		
11	Vial 11	14033 #2	SIMALC1	1	Sample		
12	Vial 12	14033 #3	SIMALC1	1	Sample		
13	Vial 13	14033 #4	SIMALC1	1	Sample		
14	Vial 14	14033 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	14034 #1	SIMALC1	1	Sample		
18	Vial 18	14034 #2	SIMALC1	1	Sample		
19	Vial 19	14034 #3	SIMALC1	1	Sample		
20	Vial 20	14034 #4	SIMALC1	1	Sample		
21	Vial 21	14034 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		

Calibration Part:

05

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

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

Sequence Table (Back Injector):

No entries - empty table!

14033

14034

05

Calibration Table

Calib. Data Modified : Thursday, August 28, 2014 2:40:23 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,

14033

14034

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.037	1	1	7.95500e-2	850.01221	9.35869e-5	1		Ethanol
		2	1.59740e-1	1704.25244	9.37302e-5			
		3	3.21980e-1	3357.31787	9.59039e-5			
1.701	1	1	1.20000e-2	2405.97266	4.98759e-6	I1		n-Propanol
		2	1.20000e-2	2419.11841	4.96048e-6			
		3	1.20000e-2	2404.64087	4.99035e-6			

Peak Sum Table

No Entries in table

05

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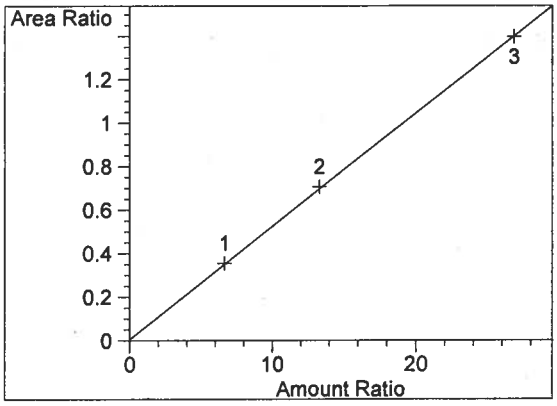
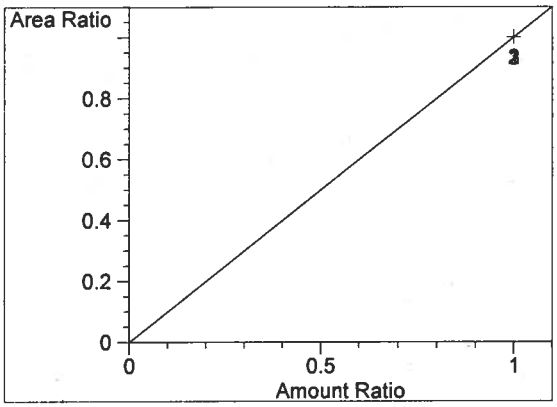
Calibration Curves

==========



Ethanol at exp. RT: 1.037
FID1 A,
Correlation: 0.99995
Residual Std. Dev.: 0.00729
Formula: y = mx + b
m: 5.19762e-2
b: 5.72763e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.701
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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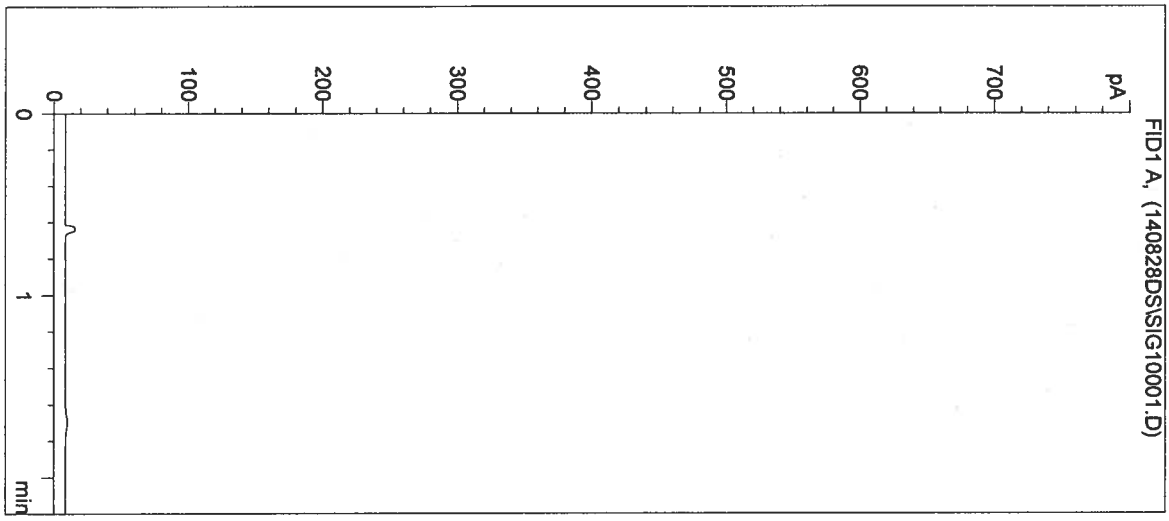
14033
14034

05

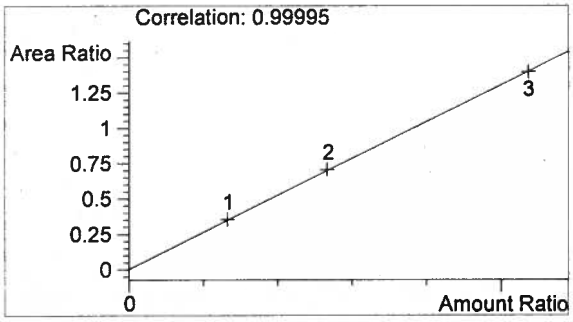
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 2:28:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



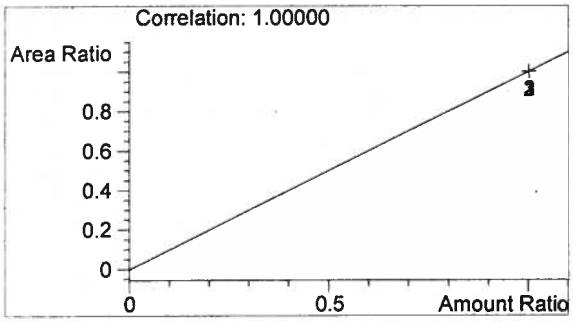
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14033

14034



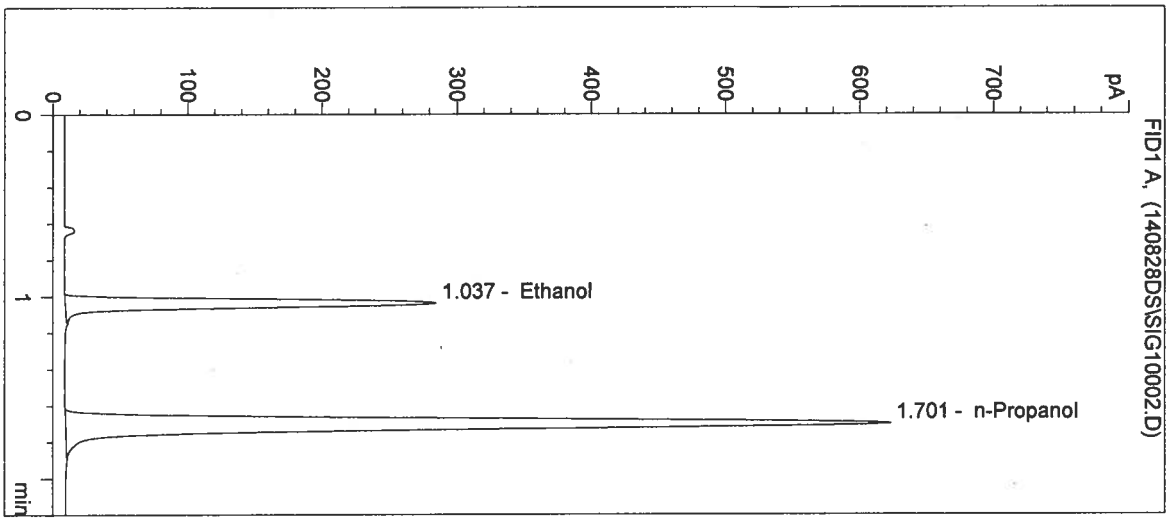
n-Propanol 0.000 g/100mL

DS

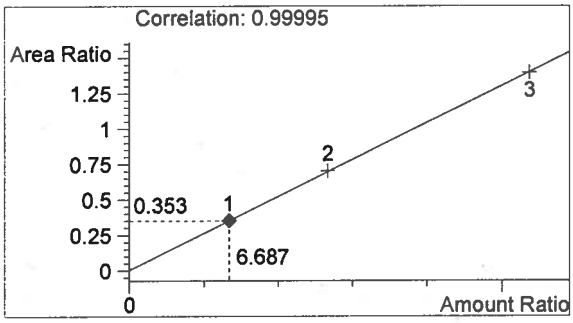
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 2:31:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



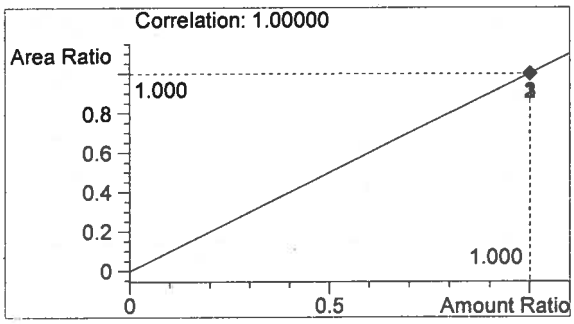
#	Compound	Peak Area	RT (min)
1	Ethanol	850	1.037
2	n-Propanol	2406	1.701



Ethanol 0.080 g/100mL

14033

14034



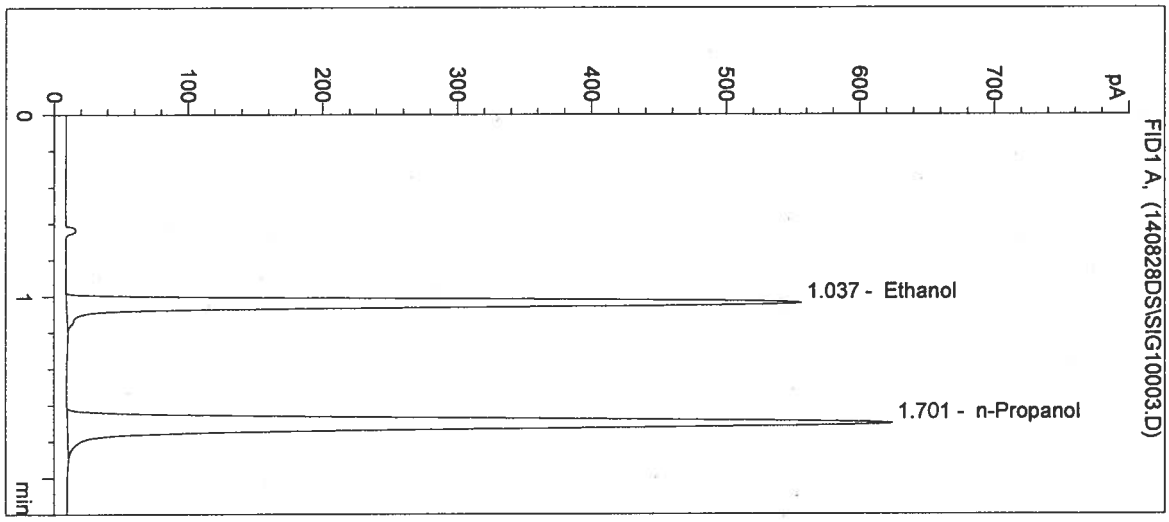
n-Propanol 0.012 g/100mL

05

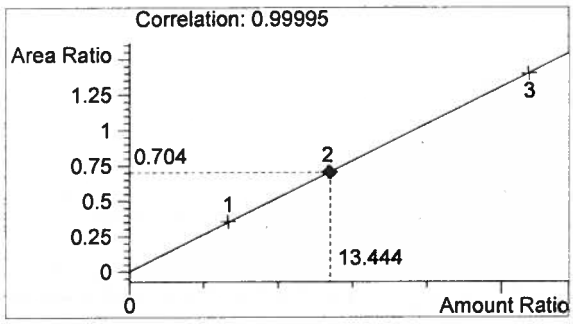
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 2:34:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



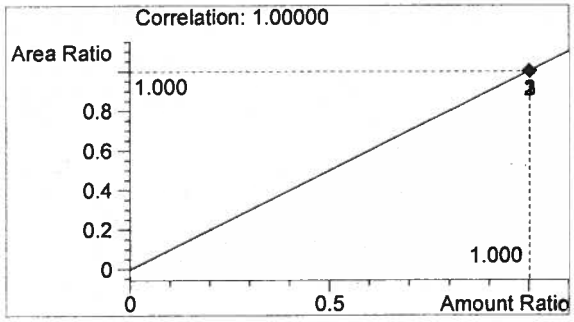
#	Compound	Peak Area	RT (min)
1	Ethanol	1704	1.037
2	n-Propanol	2419	1.701



Ethanol 0.161 g/100mL

14033

14034



n-Propanol 0.012 g/100mL

05

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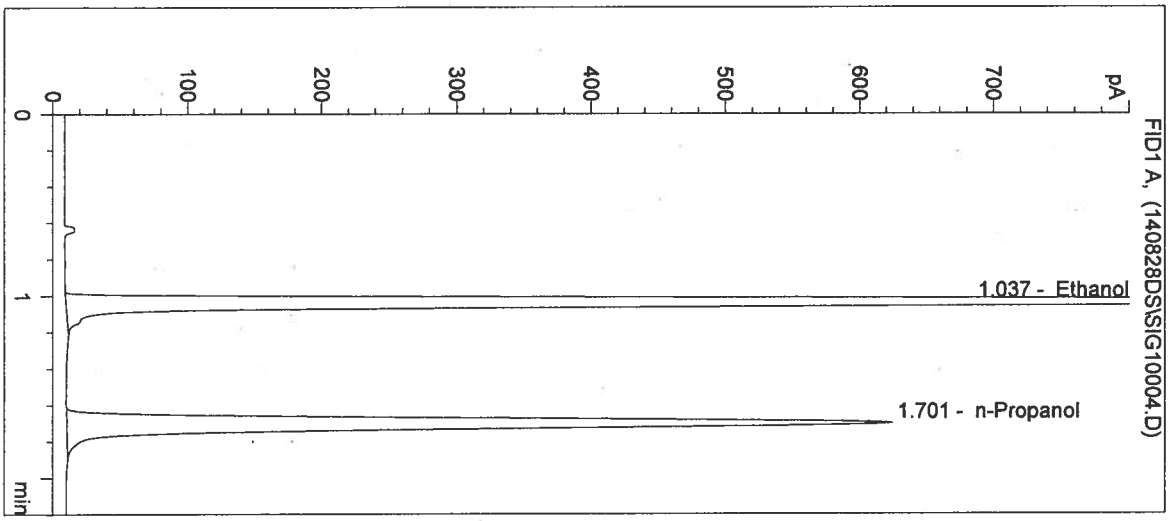
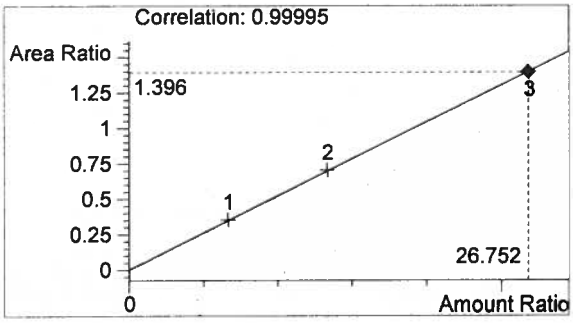
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 2:38:10 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



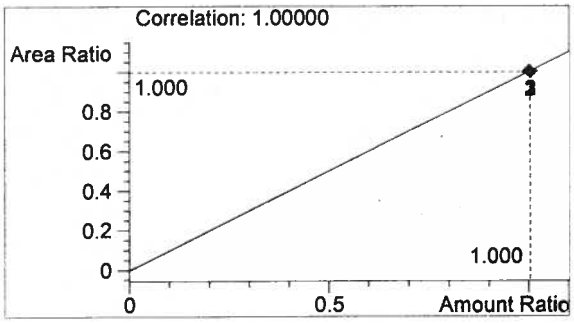
#	Compound	Peak Area	RT (min)
1	Ethanol	3357	1.037
2	n-Propanol	2405	1.701



Ethanol 0.321 g/100mL

14033

14034



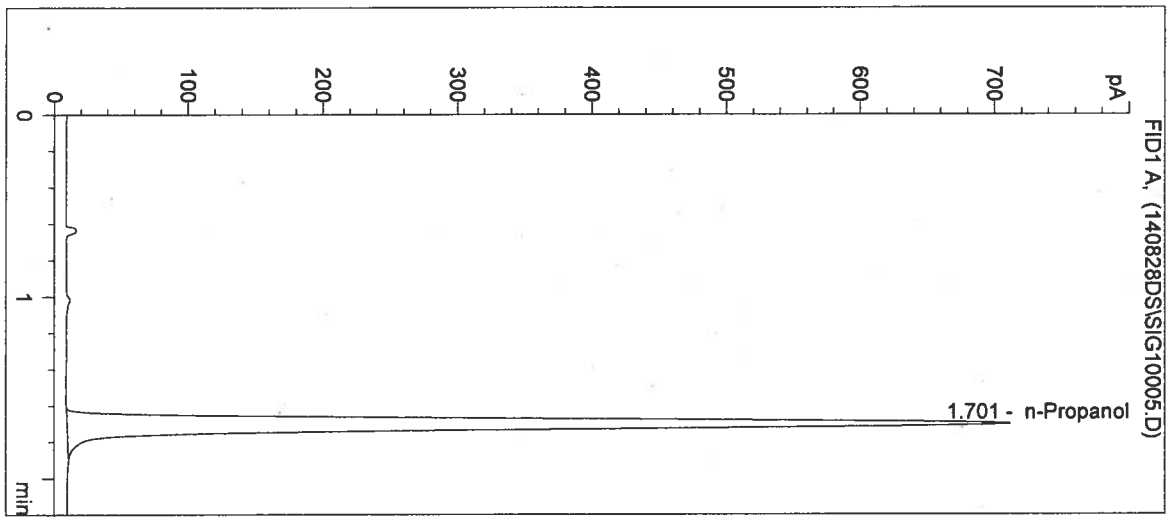
n-Propanol 0.012 g/100mL

05

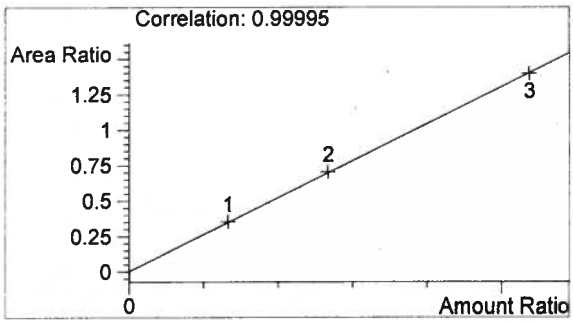
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 2:41:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



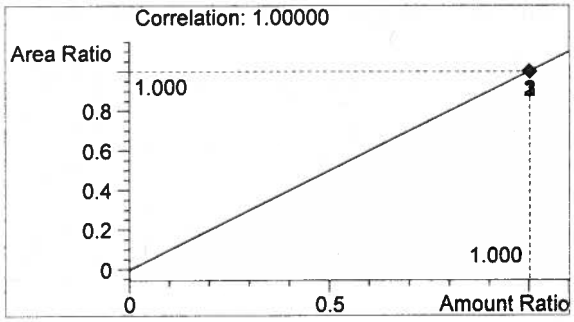
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2754	1.701



Ethanol 0.000 g/100mL

14033

14034

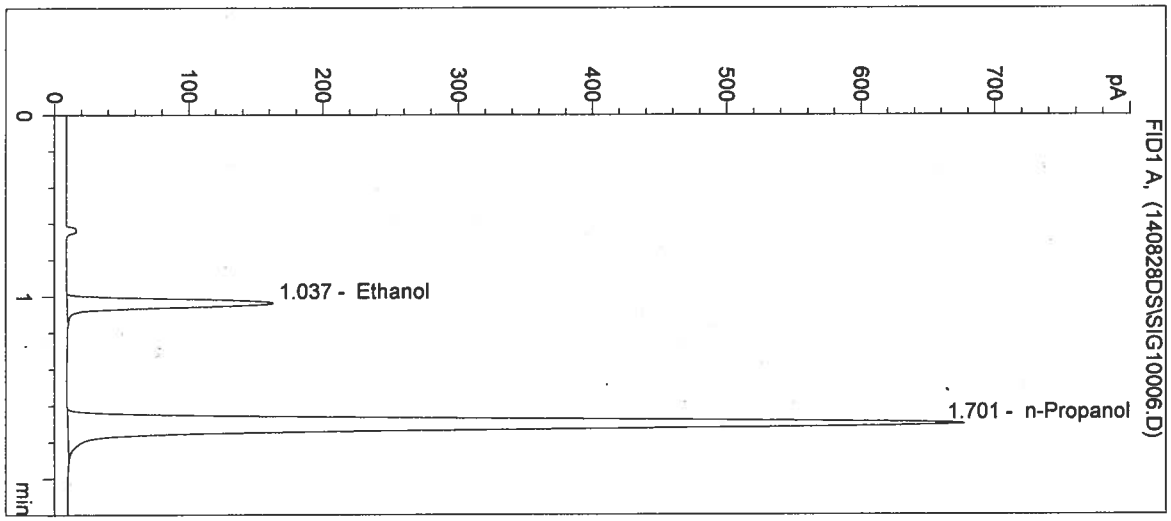


n-Propanol 0.012 g/100mL

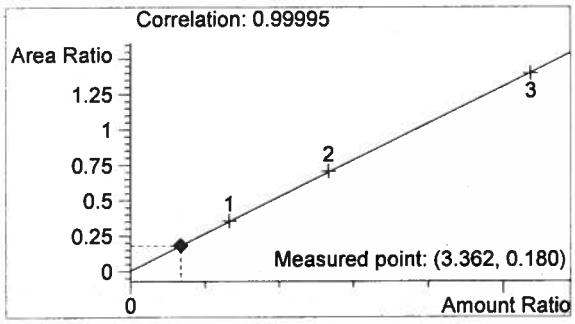
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 2:44:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



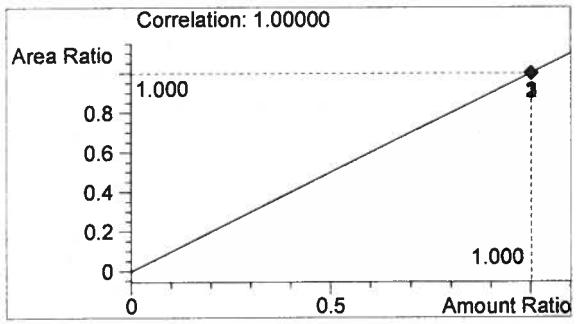
#	Compound	Peak Area	RT (min)
1	Ethanol	472	1.037
2	n-Propanol	2616	1.701



Ethanol 0.040 g/100mL

14033

14034



n-Propanol 0.012 g/100mL

05

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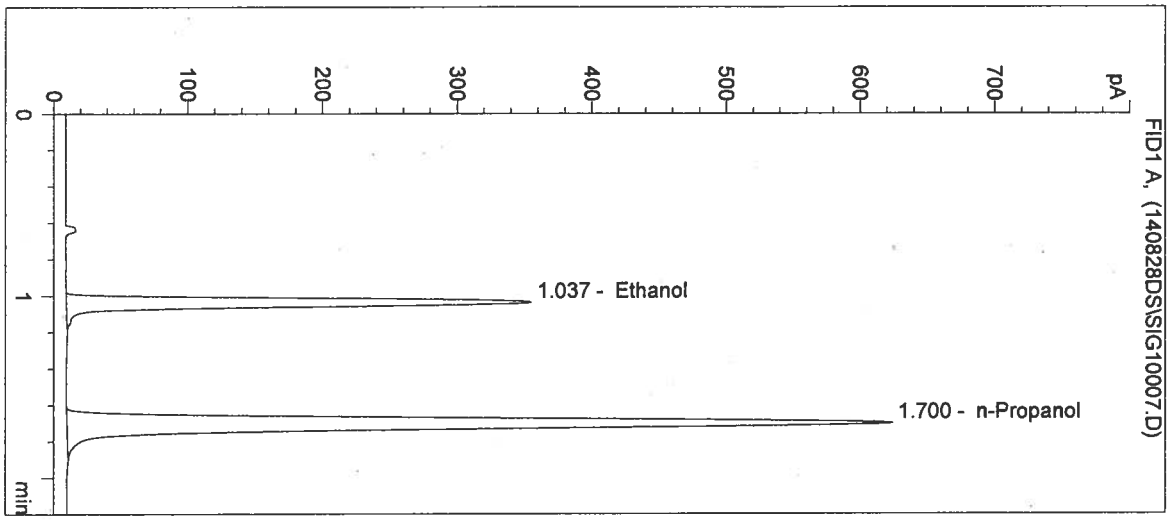
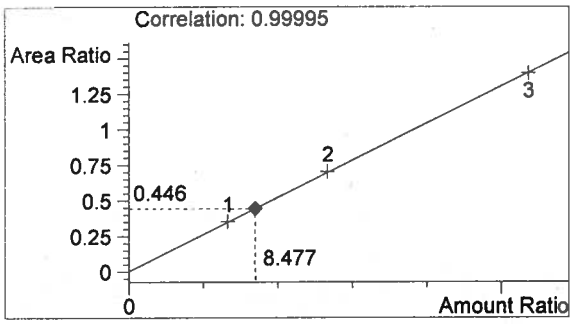
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 2:47:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



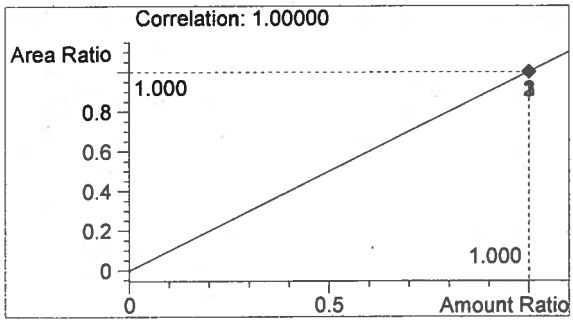
#	Compound	Peak Area	RT (min)
1	Ethanol	1079	1.037
2	n-Propanol	2419	1.700



Ethanol 0.102 g/100mL

14033

14034



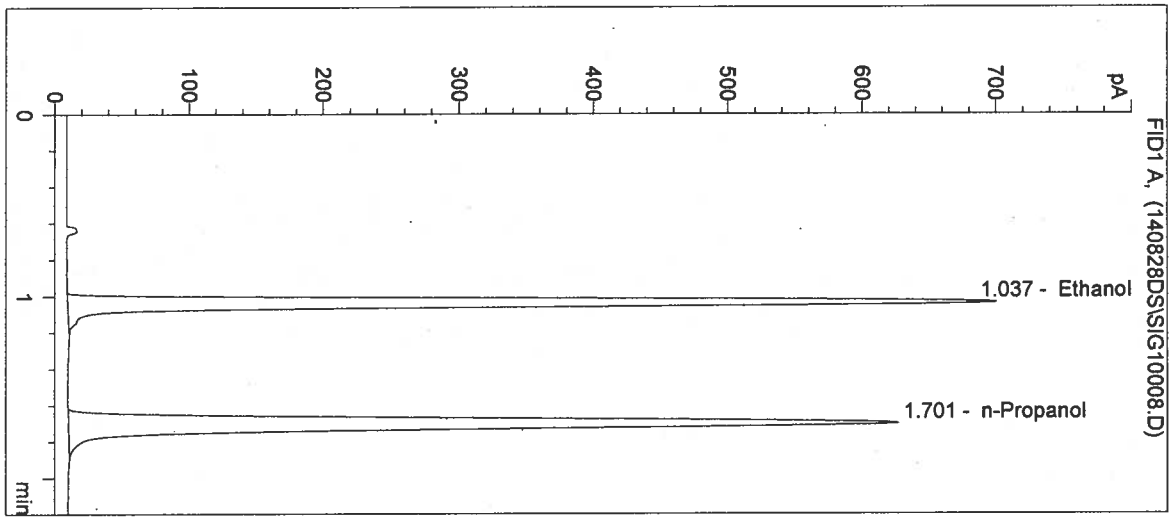
n-Propanol 0.012 g/100mL

DS

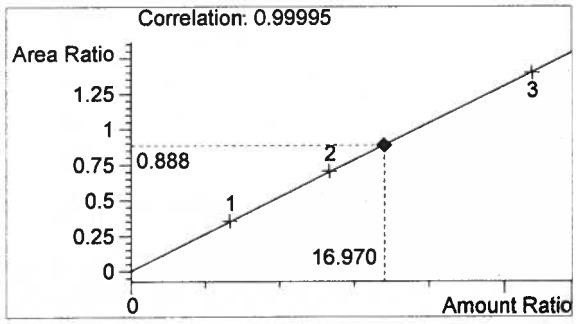
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 2:51:03 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



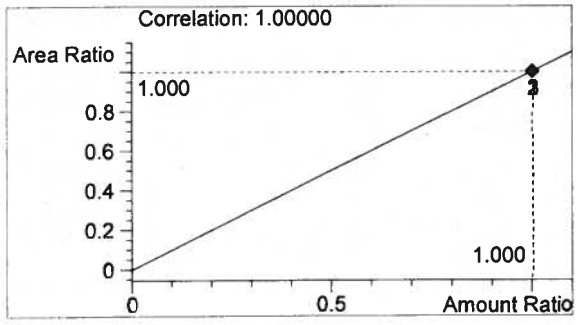
#	Compound	Peak Area	RT (min)
1	Ethanol	2157	1.037
2	n-Propanol	2429	1.701



Ethanol 0.204 g/100mL

14033

14034



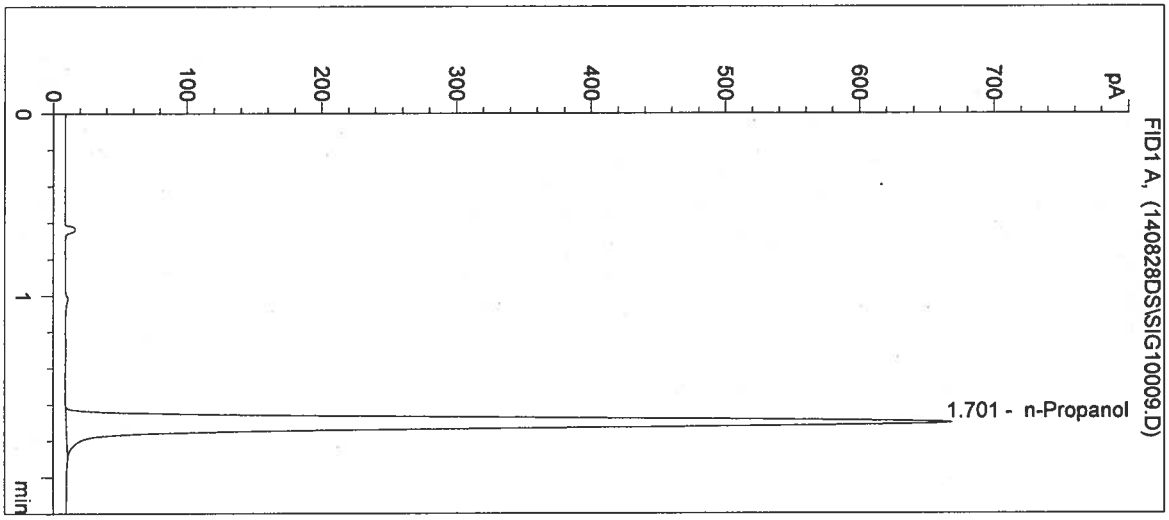
n-Propanol 0.012 g/100mL

DS

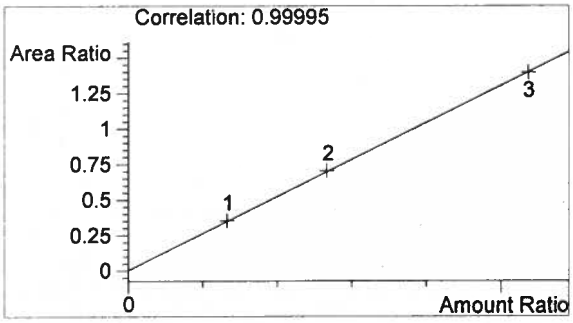
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 2:54:17 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



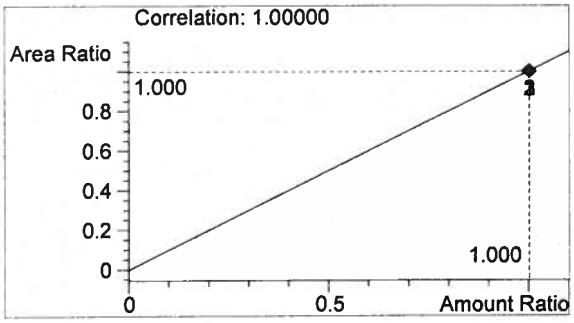
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2587	1.701



Ethanol 0.000 g/100mL

14033

14034



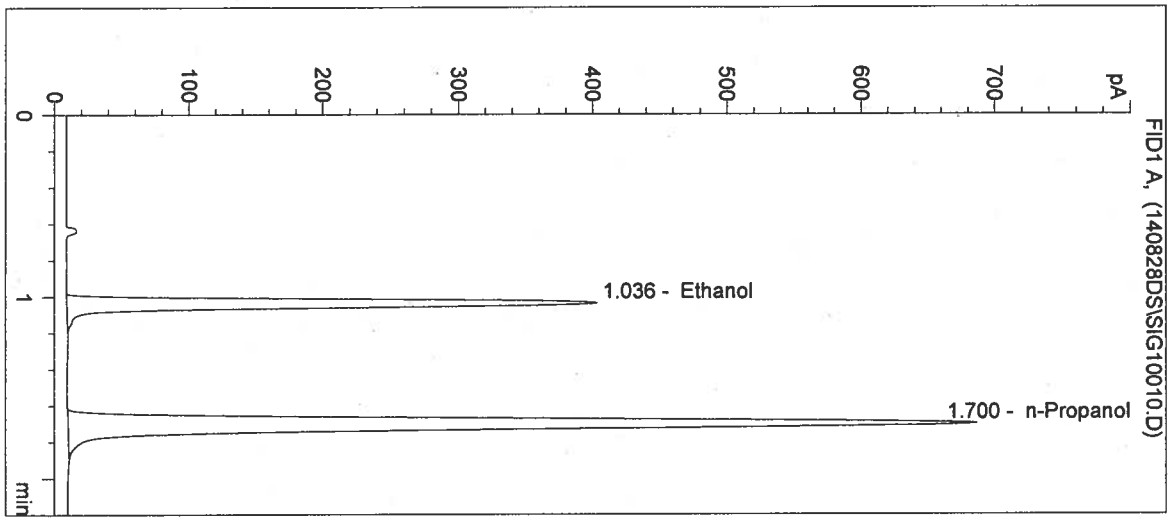
n-Propanol 0.012 g/100mL

05

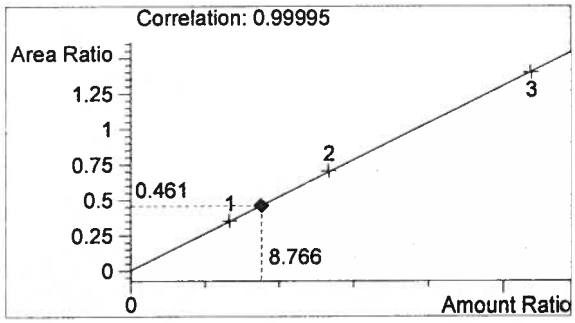
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 2:57:30 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

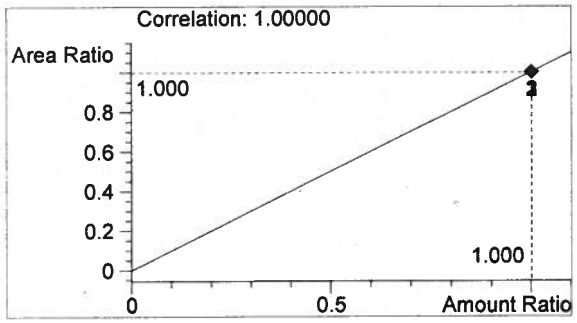
Sample Name: 14033 #1
Operator: Dawn Sklerov
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1225	1.036
2	n-Propanol	2655	1.700



Ethanol 0.105 g/100mL



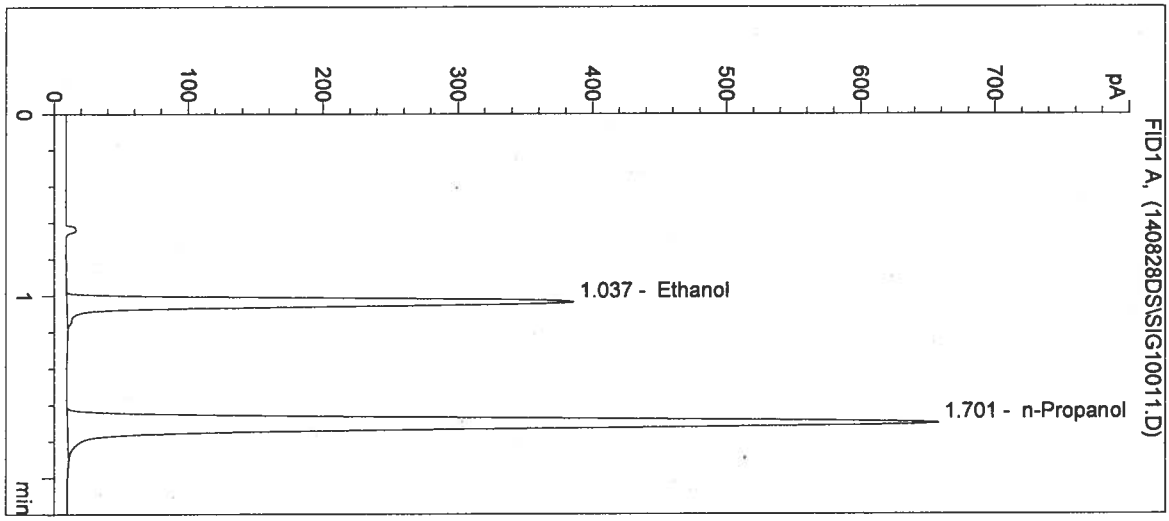
n-Propanol 0.012 g/100mL

DS

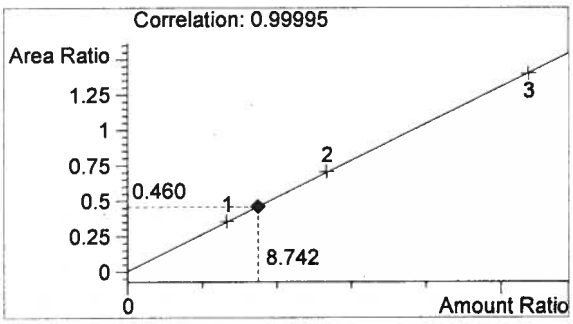
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 3:00:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

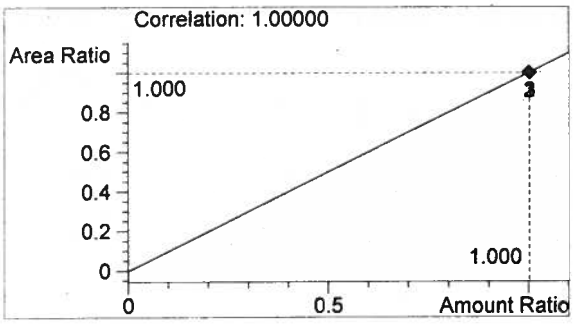
Sample Name: 14033 #2
Operator: Dawn Sklerov
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1169	1.037
2	n-Propanol	2540	1.701



Ethanol 0.105 g/100mL

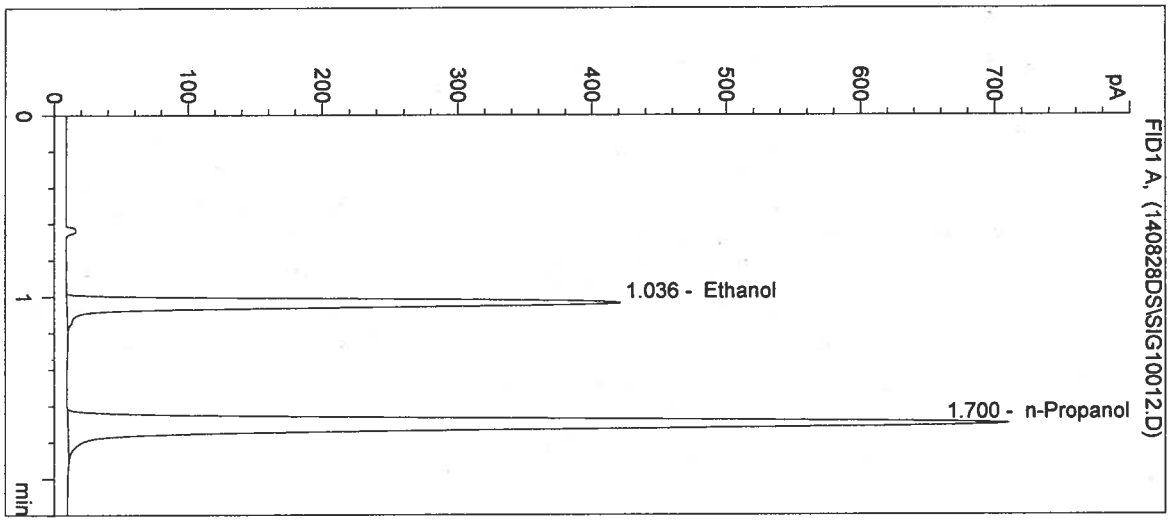


n-Propanol 0.012 g/100mL

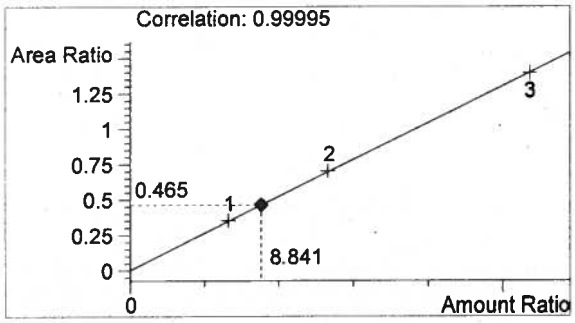
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 3:03:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

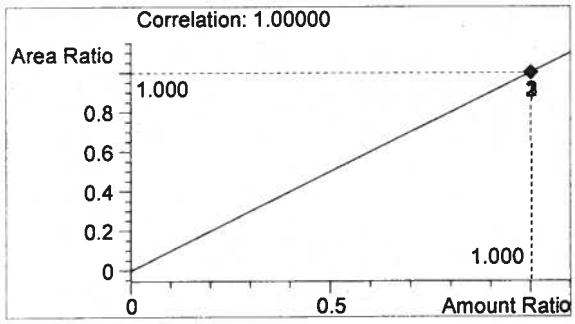
Sample Name: 14033 #3
Operator: Dawn Sklerov
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1279	1.036
2	n-Propanol	2749	1.700



Ethanol 0.106 g/100mL



n-Propanol 0.012 g/100mL

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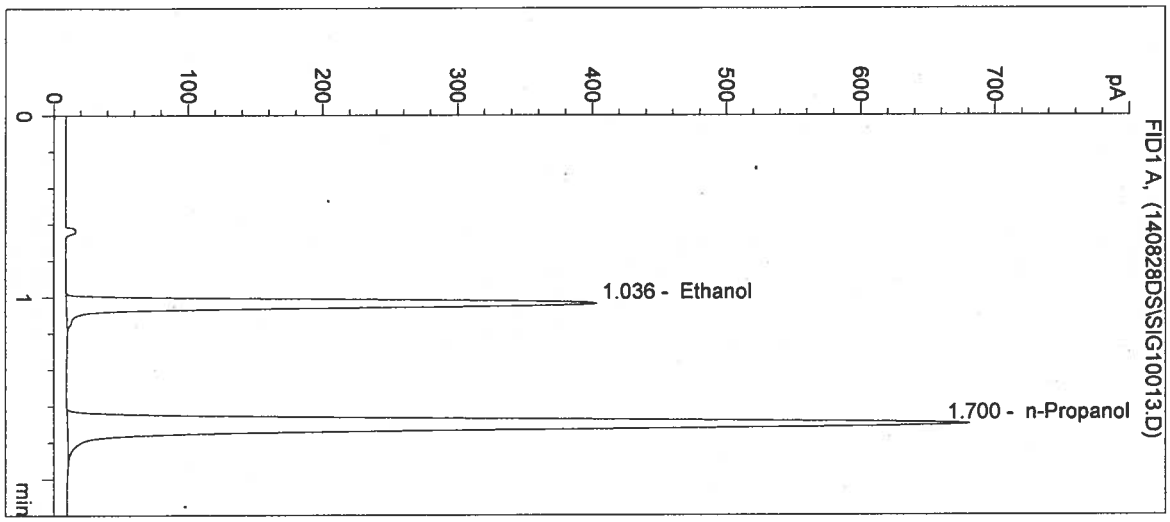
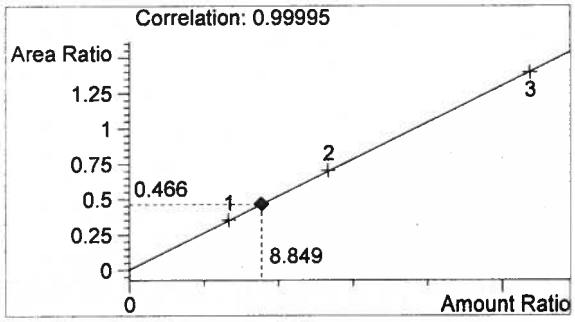
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 3:07:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

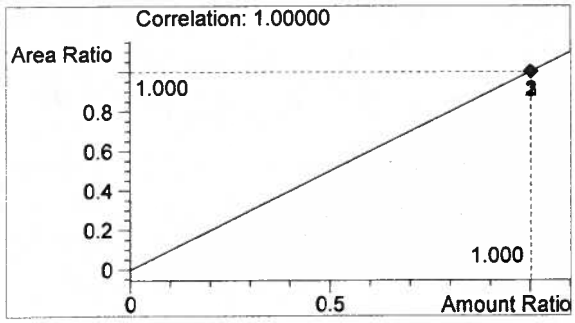
Sample Name: 14033 #4
Operator: Dawn Sklerov
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1223	1.036
2	n-Propanol	2626	1.700



Ethanol 0.106 g/100mL



n-Propanol 0.012 g/100mL

05

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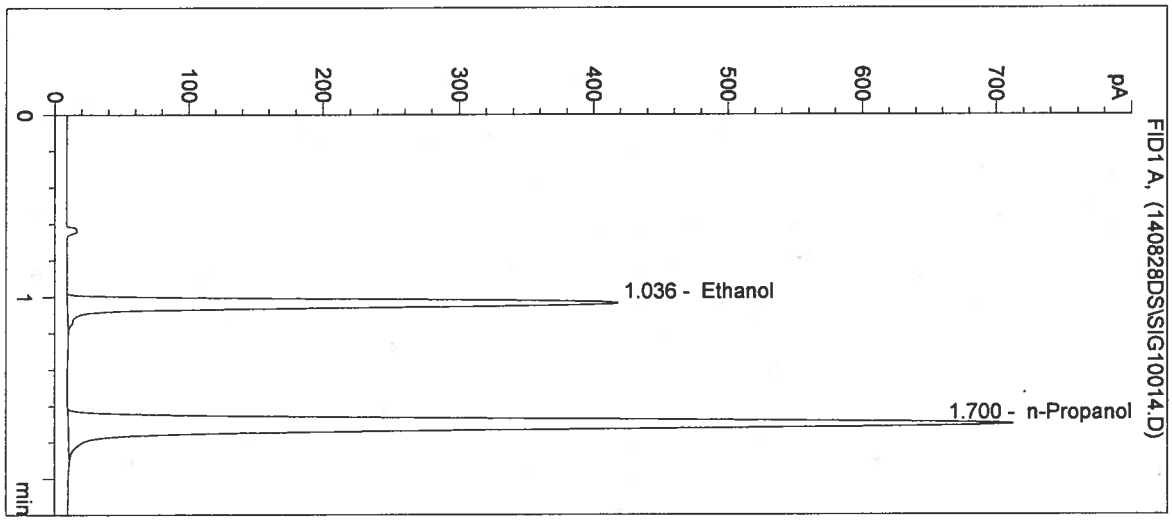
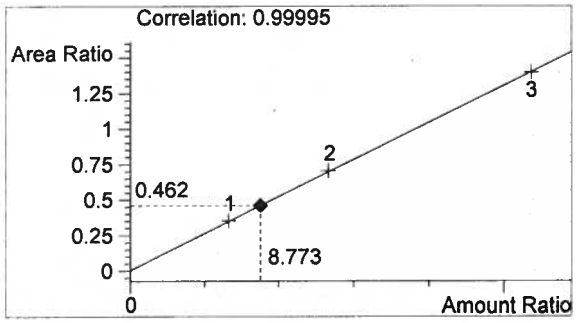
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 3:10:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

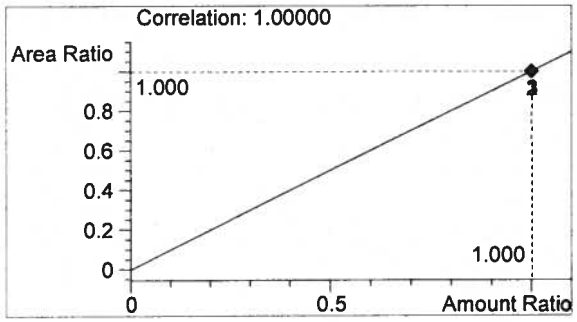
Sample Name: 14033 #5
Operator: Dawn Sklerov
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1270	1.036
2	n-Propanol	2751	1.700



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

05

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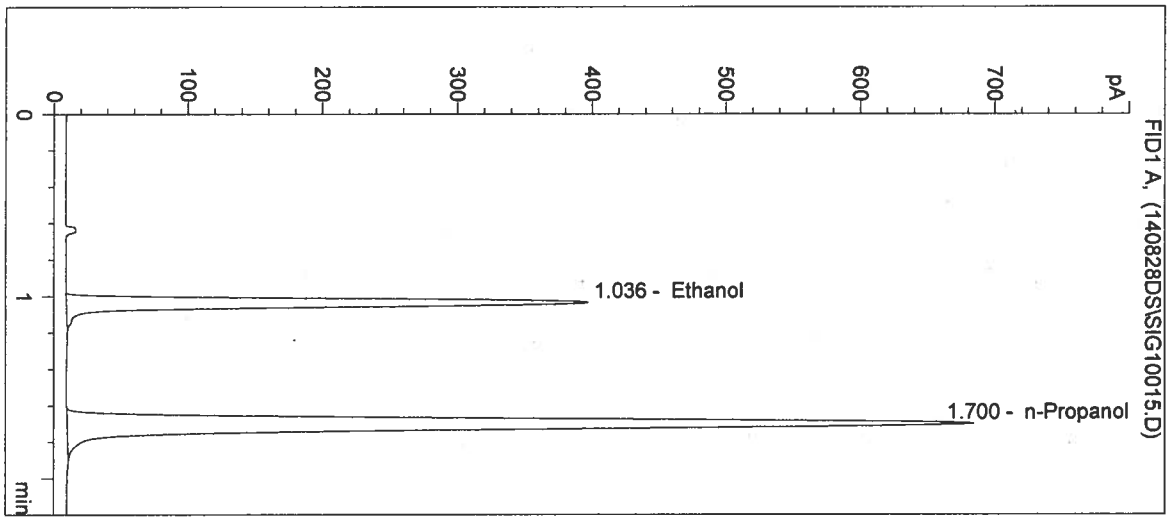
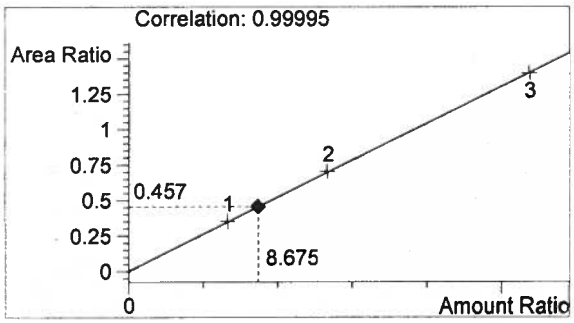
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 3:13:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

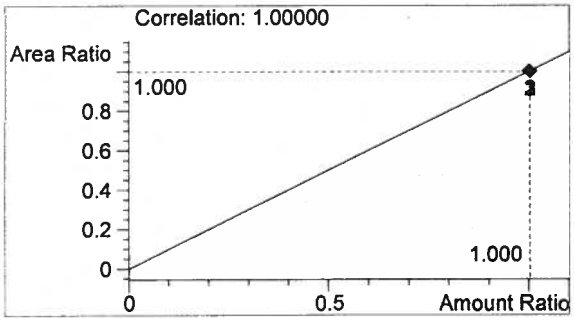


#	Compound	Peak Area	RT (min)
1	Ethanol	1206	1.036
2	n-Propanol	2641	1.700



Ethanol 0.104 g/100mL

14033



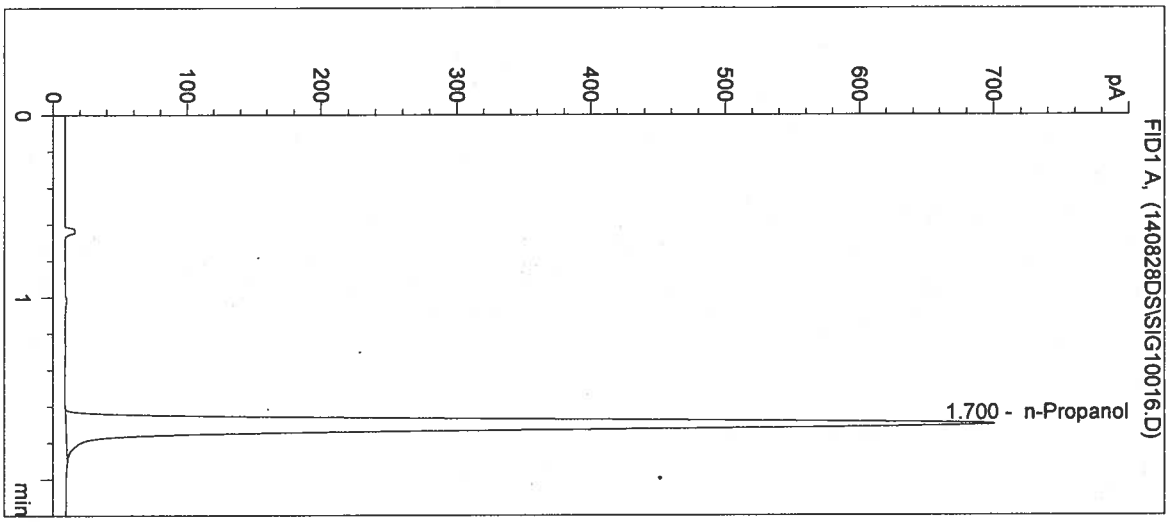
n-Propanol 0.012 g/100mL

DS

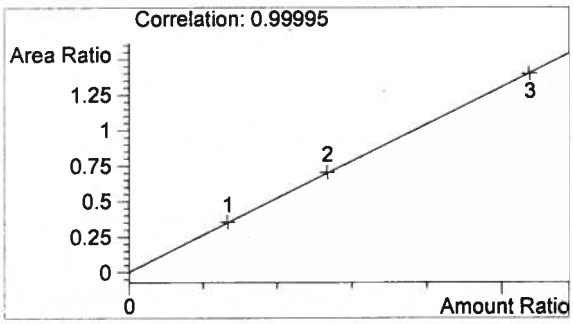
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/28/2014 3:16:49 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

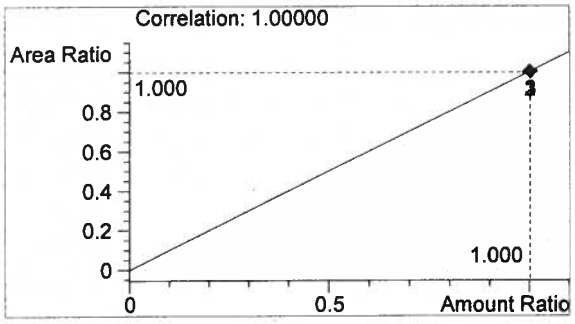


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2709	1.700



Ethanol 0.000 g/100mL

14033



n-Propanol 0.012 g/100mL

DS

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

Sequence Parameters:

Operator:	Lyndsey Lowe
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	140829LL
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0814-01 - Exp. 02/19/15
Ethanol Calibrator 2, E0814-02 - Exp. 02/19/15
Ethanol Calibrator 3, E0814-03 - Exp. 02/19/15

0.04 Control - Lot #FN05011301 - Exp. 05/2018
0.10 Control - Lot #FN08051301 - Exp. 10/2018
0.20 Control - Lot #FN03211401 - Exp. 06/2019

ISTD Lot#P0814 - Exp. 10/30/2014

14033

Sequence Table (Front Injector):

Method and Injection Info Part:

14035

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	Negative	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 Ctrl	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 Ctrl	SIMALC1	1	Ctrl Samp		
9	Vial 9	Negative	SIMALC1	1	Ctrl Samp		
10	Vial 10	14033 #1	SIMALC1	1	Sample		
11	Vial 11	14033 #2	SIMALC1	1	Sample		
12	Vial 12	14033 #3	SIMALC1	1	Sample		
13	Vial 13	14033 #4	SIMALC1	1	Sample		
14	Vial 14	14033 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative	SIMALC1	1	Ctrl Samp		
17	Vial 17	14035 #1	SIMALC1	1	Sample		
18	Vial 18	14035 #2	SIMALC1	1	Sample		
19	Vial 19	14035 #3	SIMALC1	1	Sample		
20	Vial 20	14035 #4	SIMALC1	1	Sample		
21	Vial 21	14035 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
23	Vial 23	Negative	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

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

Sequence Table (Back Injector):

No entries - empty table!

14033

14035

Calibration Table

Calib. Data Modified : Friday, August 29, 2014 3:54:07 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

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Signal 1: FID1 A,

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RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.036	1	1	7.95500e-2	857.73846	9.27439e-5		1	Ethanol
		2	1.59740e-1	1692.87512	9.43602e-5			
		3	3.21980e-1	3348.12524	9.61673e-5			
1.700	1	1	1.20000e-2	2433.79785	4.93057e-6	I1		n-Propanol
		2	1.20000e-2	2413.94604	4.97111e-6			
		3	1.20000e-2	2379.86548	5.04230e-6			

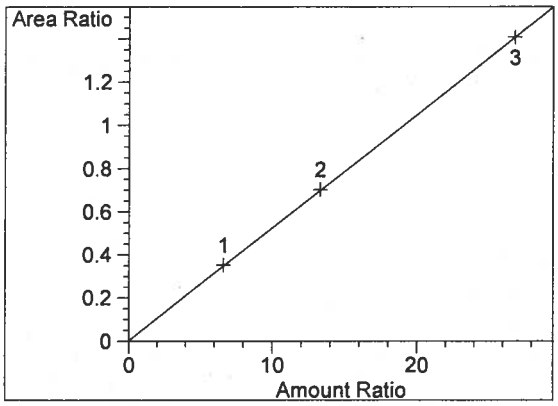
Peak Sum Table

No Entries in table

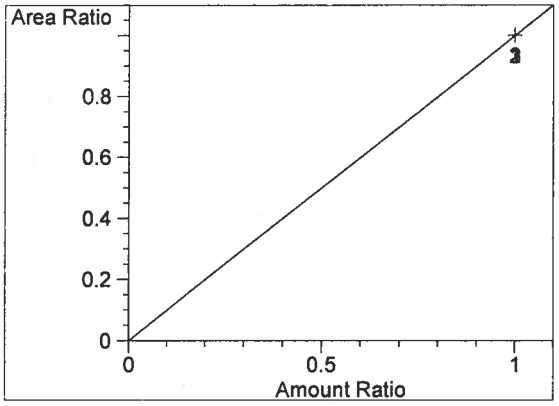
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.036
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00291
Formula: y = mx + b
m: 5.23841e-2
b: 2.60979e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.700
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

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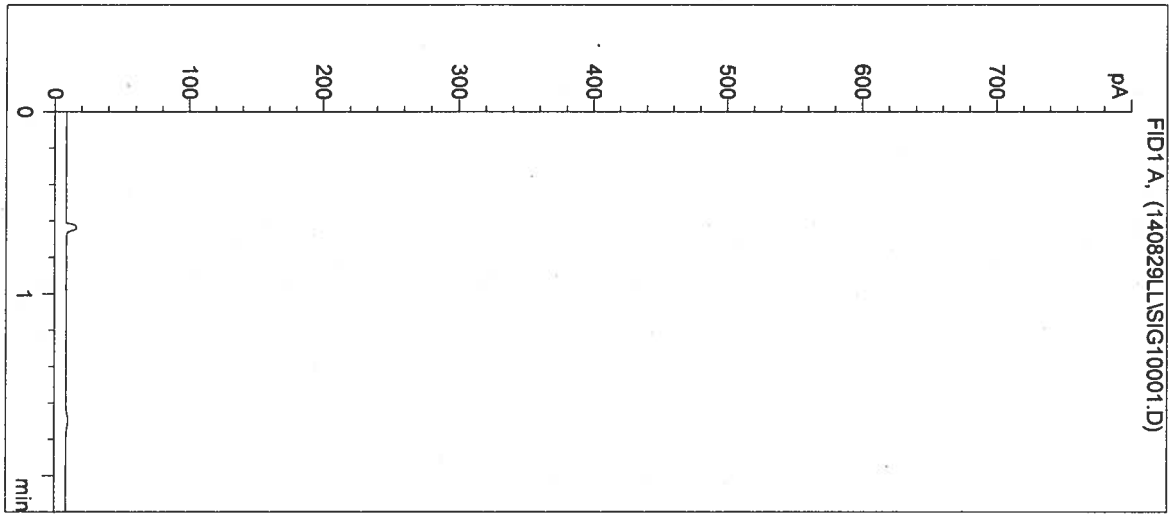
14035

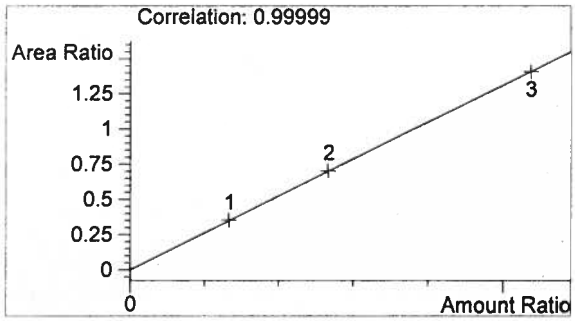
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/29/2014 3:42:03 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



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



Ethanol 0.000 g/100mL

14033

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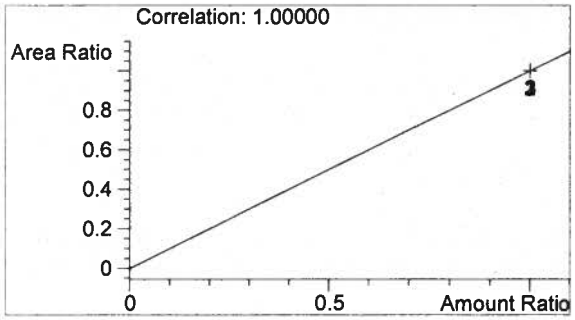
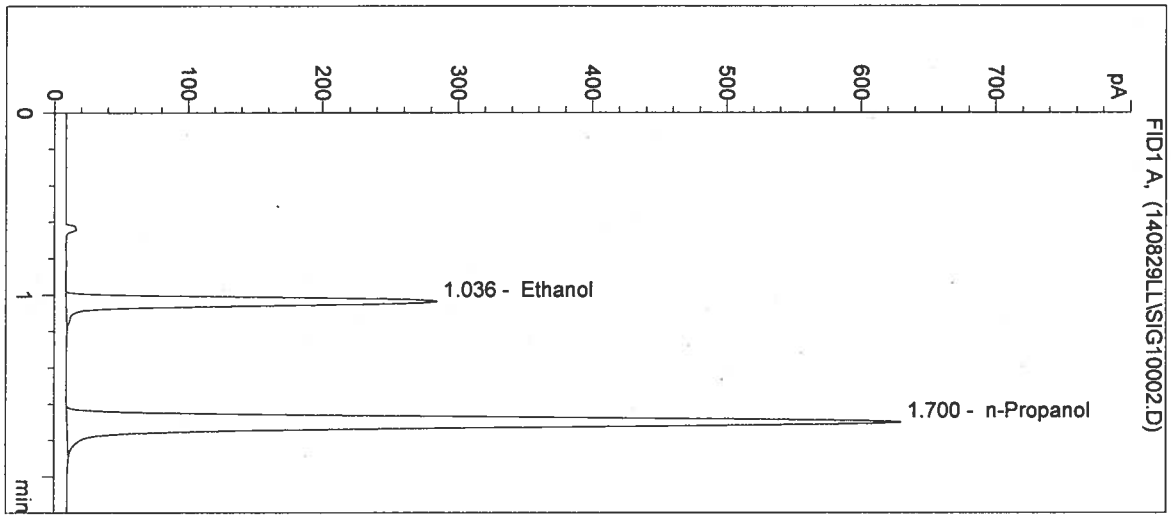


n-Propanol 0.000 g/100mL

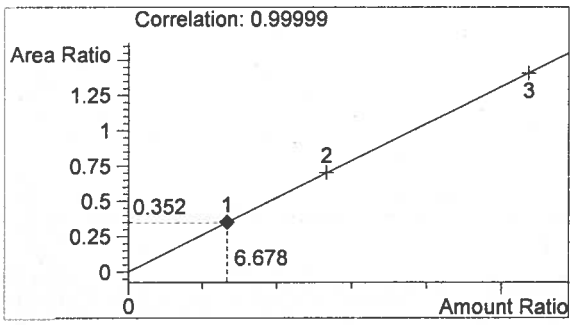
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/29/2014 3:45:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



#	Compound	Peak Area	RT (min)
1	Ethanol	858	1.036
2	n-Propanol	2434	1.700



Ethanol 0.080 g/100mL

14033

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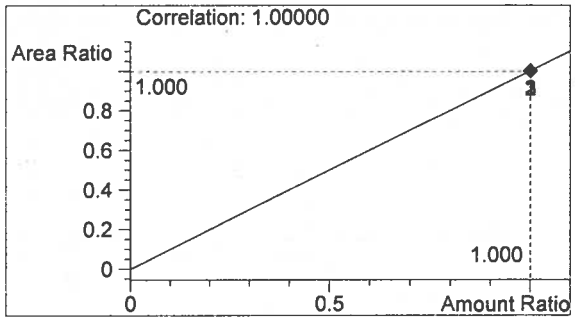
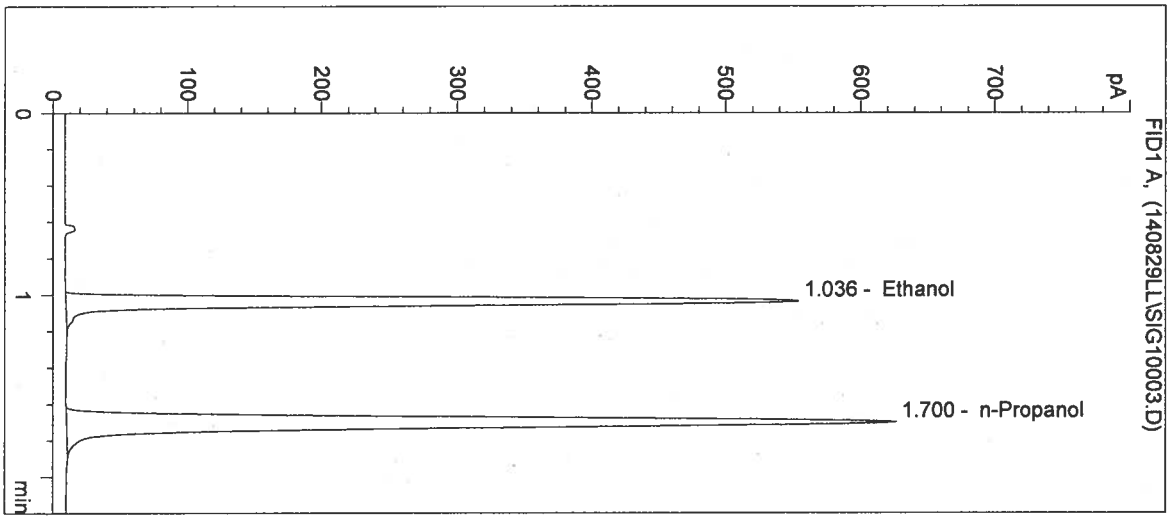


n-Propanol 0.012 g/100mL

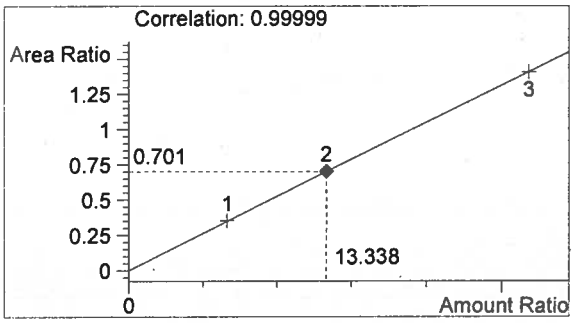
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/29/2014 3:48:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



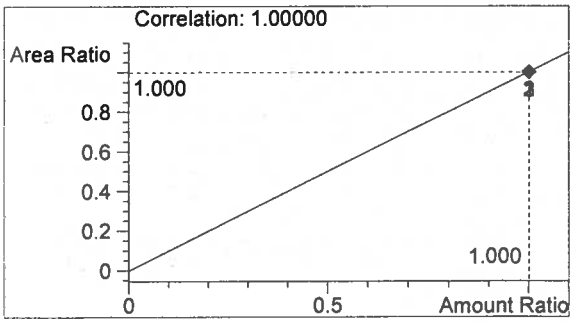
#	Compound	Peak Area	RT (min)
1	Ethanol	1693	1.036
2	n-Propanol	2414	1.700



Ethanol 0.160 g/100mL

14033

14035

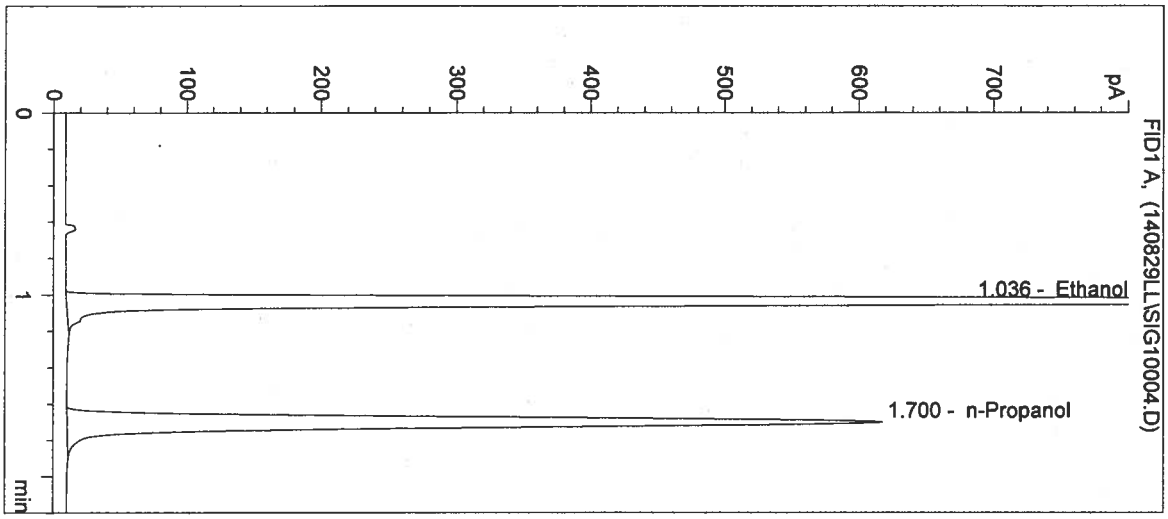


n-Propanol 0.012 g/100mL

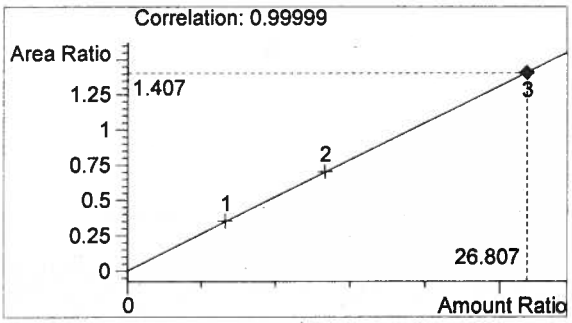
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/29/2014 3:51:54 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



#	Compound	Peak Area	RT (min)
1	Ethanol	3348	1.036
2	n-Propanol	2380	1.700



Ethanol 0.322 g/100mL

14033

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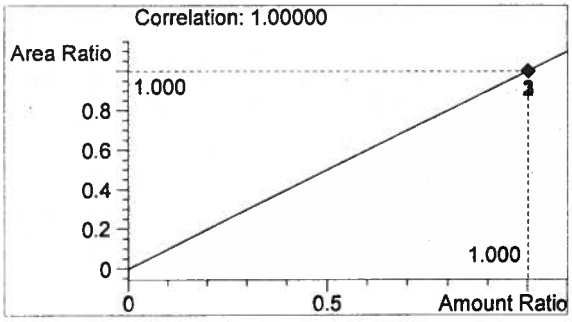
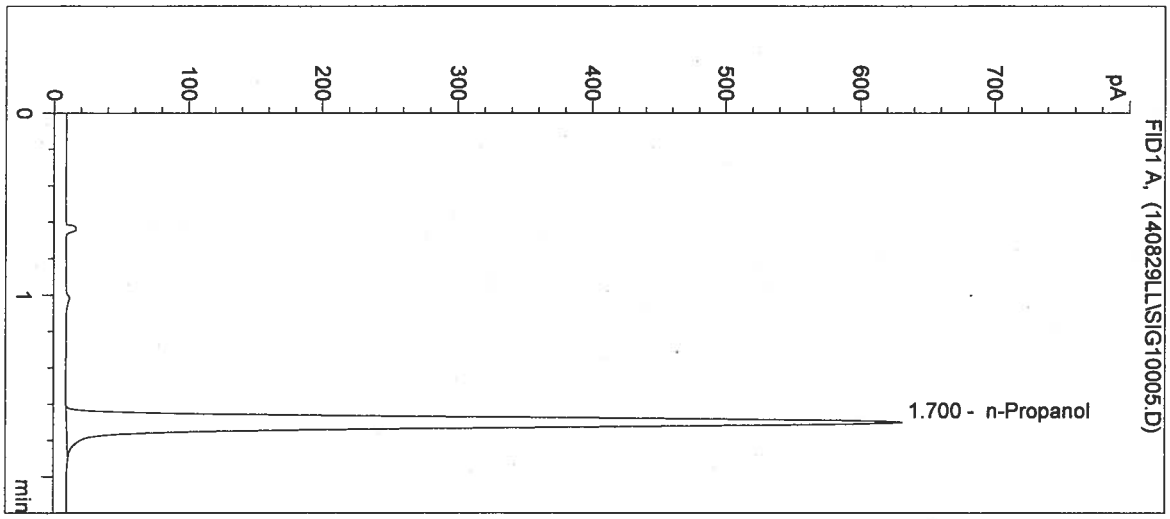


n-Propanol 0.012 g/100mL

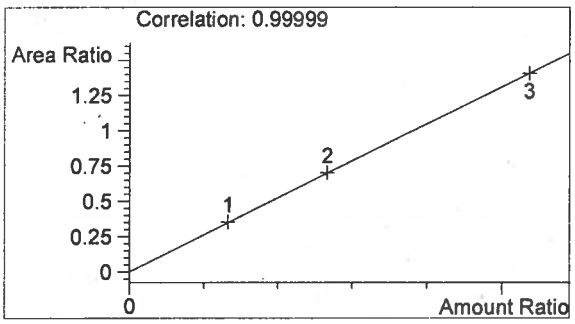
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/29/2014 3:55:07 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



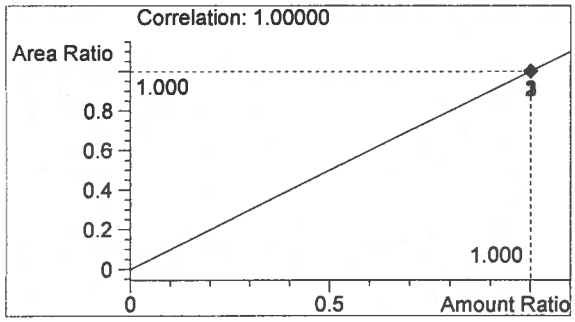
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2445	1.700



Ethanol 0.000 g/100mL

14033

14035

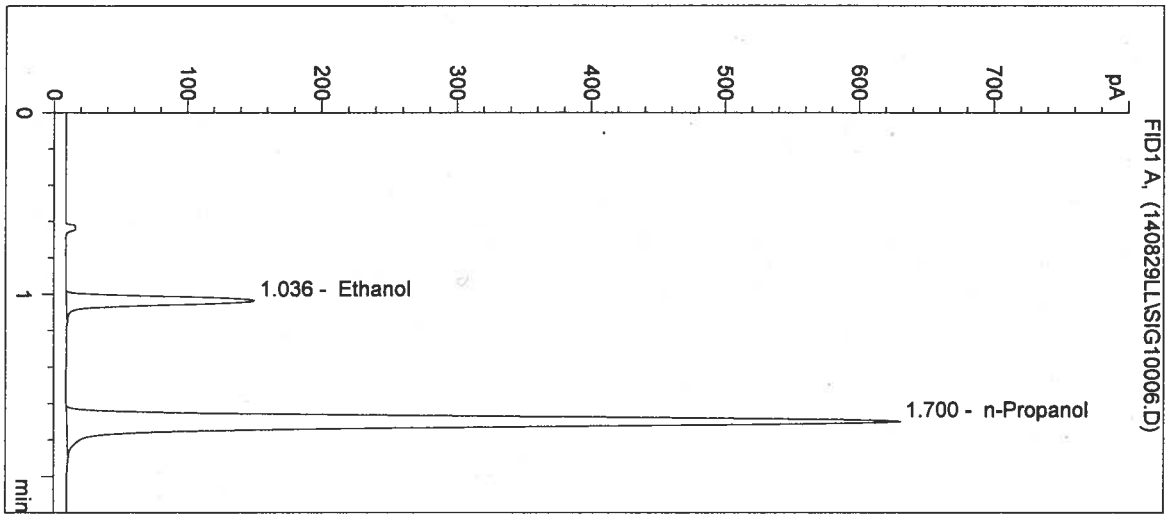


n-Propanol 0.012 g/100mL

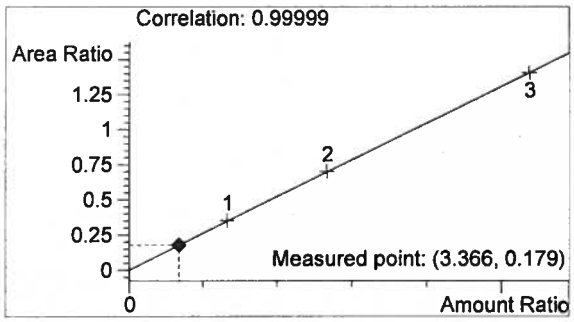
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/29/2014 3:58:21 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



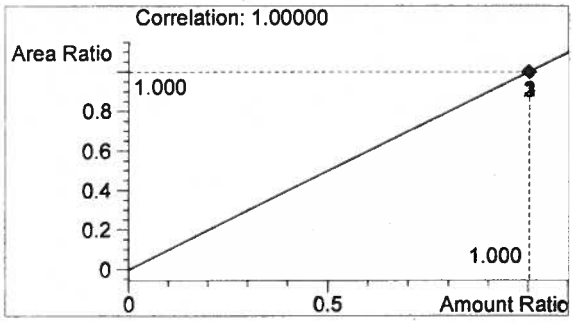
#	Compound	Peak Area	RT (min)
1	Ethanol	436	1.036
2	n-Propanol	2439	1.700



Ethanol 0.040 g/100mL

14033

14035

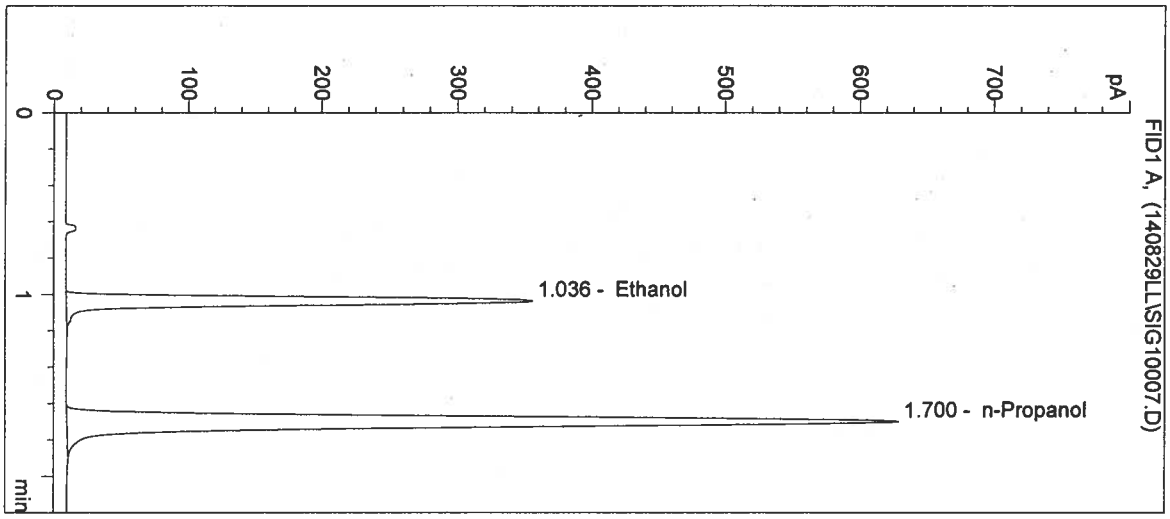


n-Propanol 0.012 g/100mL

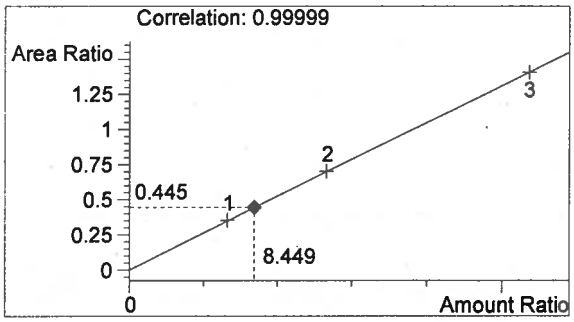
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/29/2014 4:01:34 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



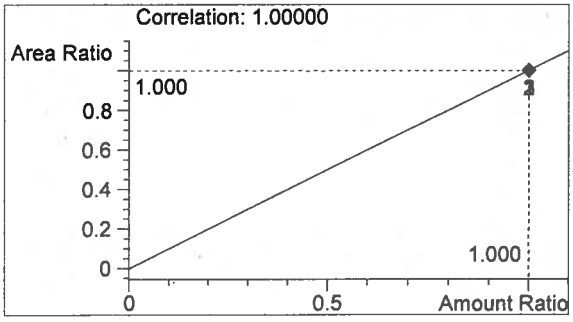
#	Compound	Peak Area	RT (min)
1	Ethanol	1086	1.036
2	n-Propanol	2439	1.700



Ethanol 0.101 g/100mL

14033

14035

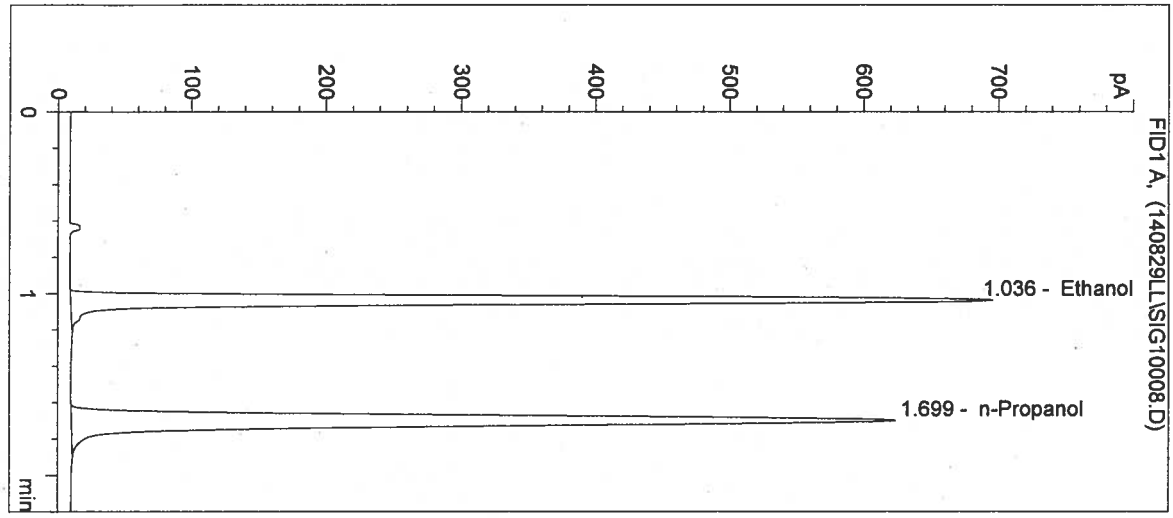


n-Propanol 0.012 g/100mL

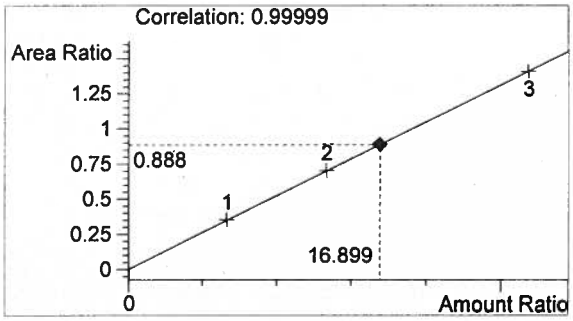
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/29/2014 4:04:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



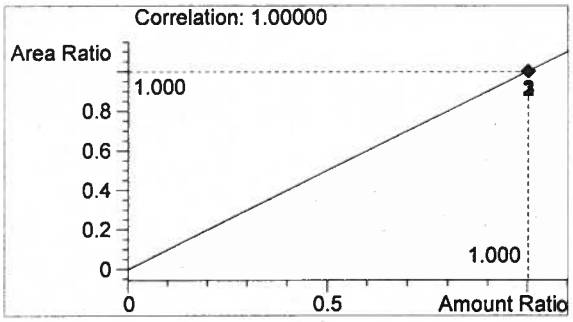
#	Compound	Peak Area	RT (min)
1	Ethanol	2141	1.036
2	n-Propanol	2411	1.699



Ethanol 0.203 g/100mL

14033

14035

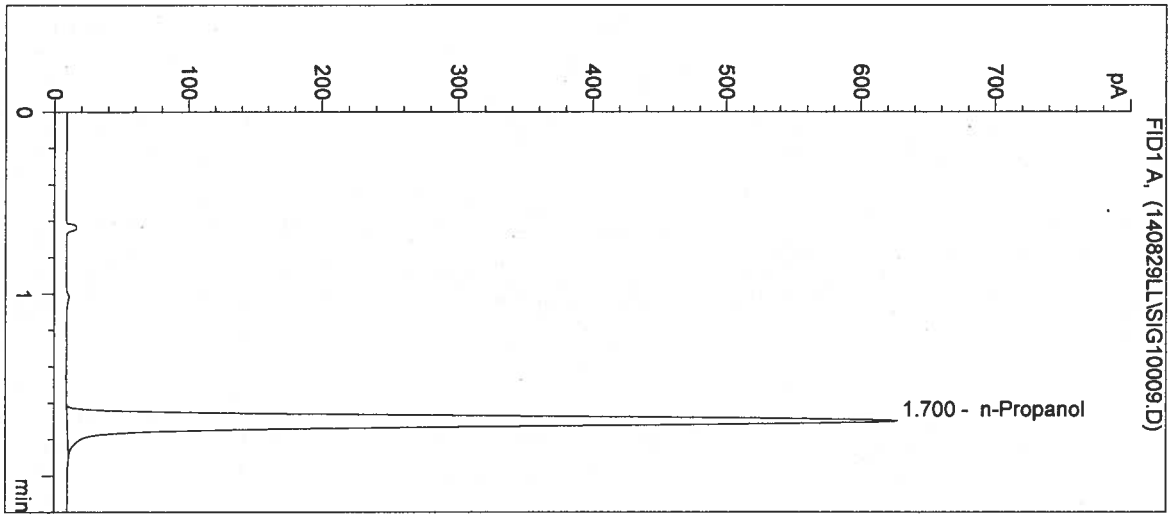


n-Propanol 0.012 g/100mL

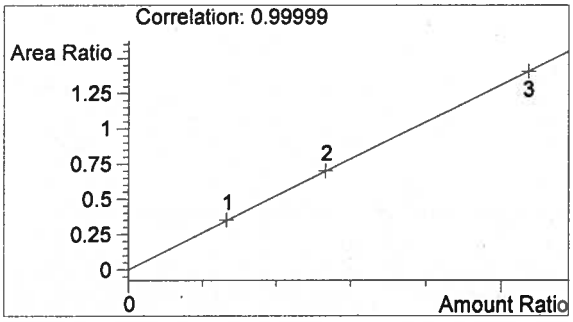
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/29/2014 4:08:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



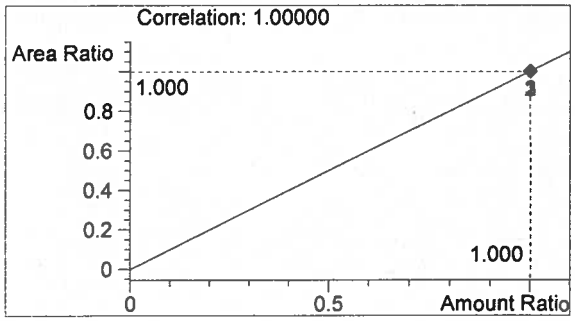
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2418	1.700



Ethanol 0.000 g/100mL

14033

14035

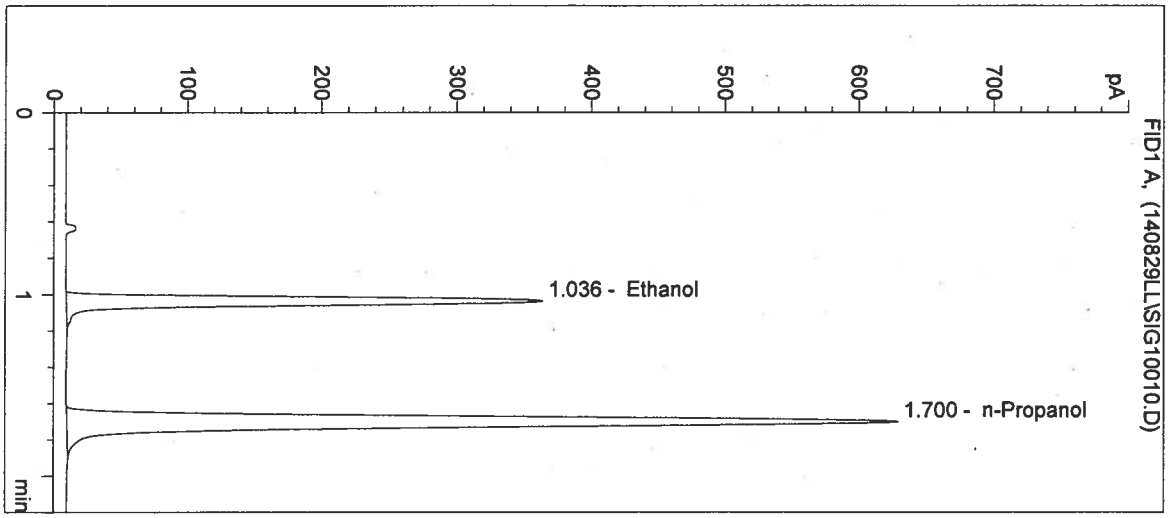


n-Propanol 0.012 g/100mL

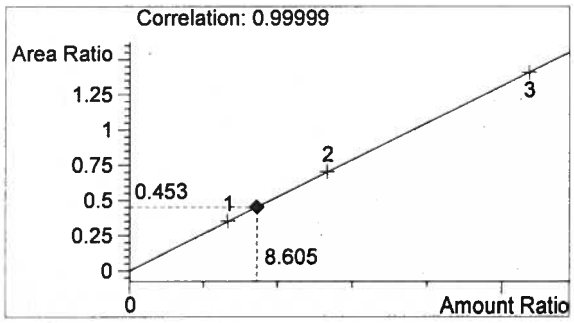
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/29/2014 4:11:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

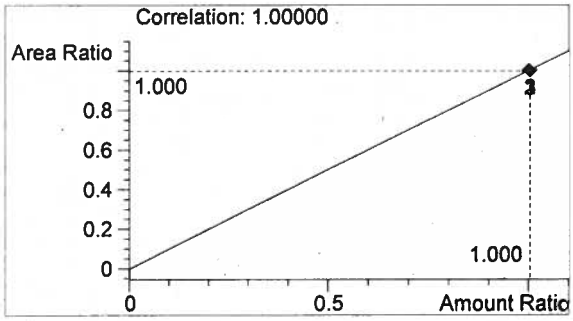
Sample Name: 14033 #1
Operator: Lyndsey Lowe
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.036
2	n-Propanol	2439	1.700



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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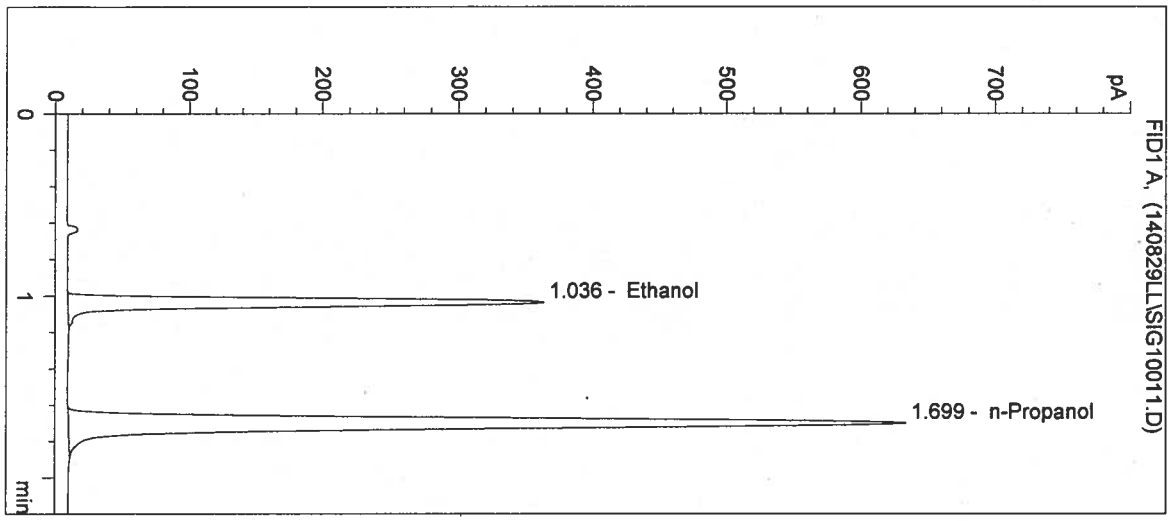
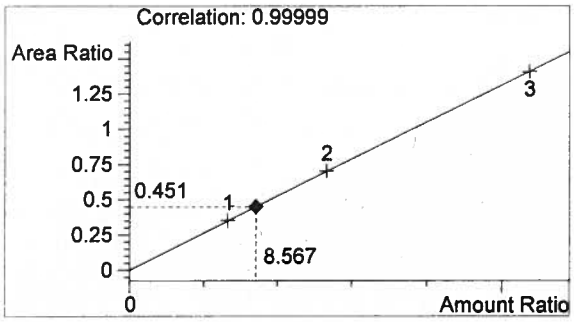
Inj. Date: 8/29/2014 4:14:27 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

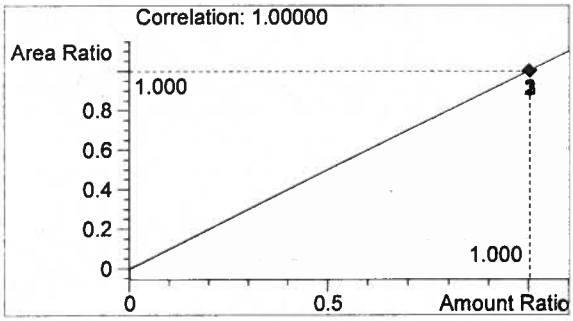
Sample Name: 14033 #2
Operator: Lyndsey Lowe
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1111	1.036
2	n-Propanol	2461	1.699



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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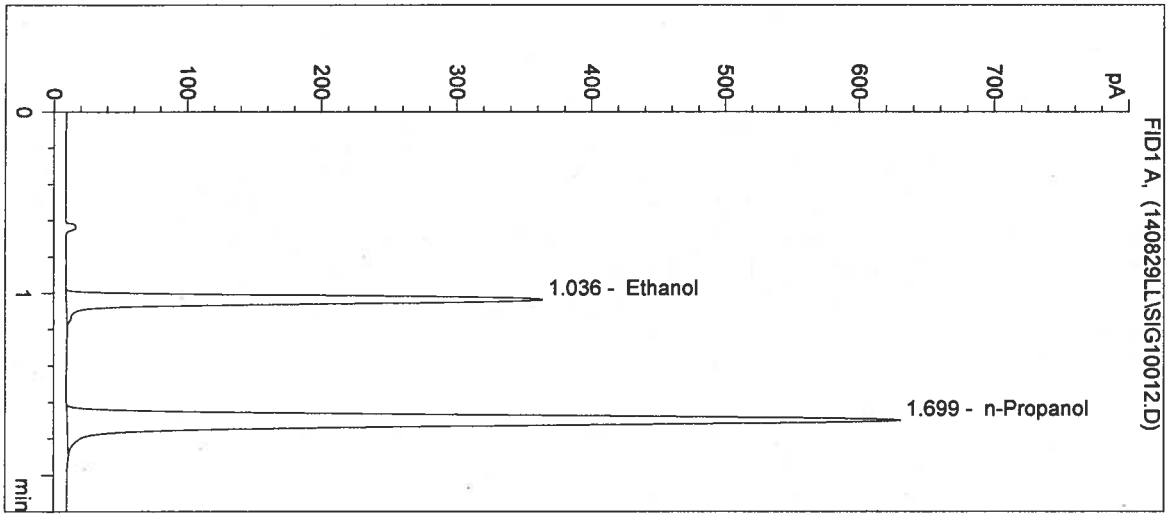
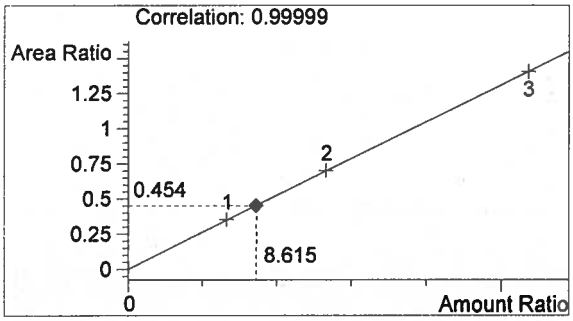
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/29/2014 4:17:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

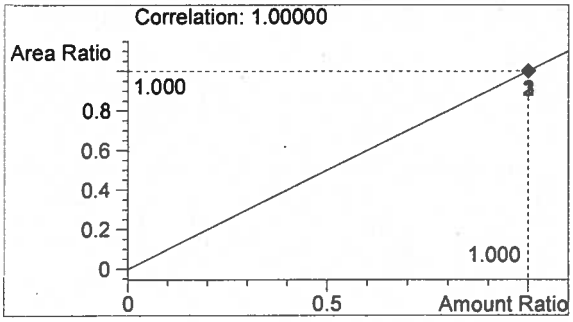
Sample Name: 14033 #3
Operator: Lyndsey Lowe
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1111	1.036
2	n-Propanol	2447	1.699



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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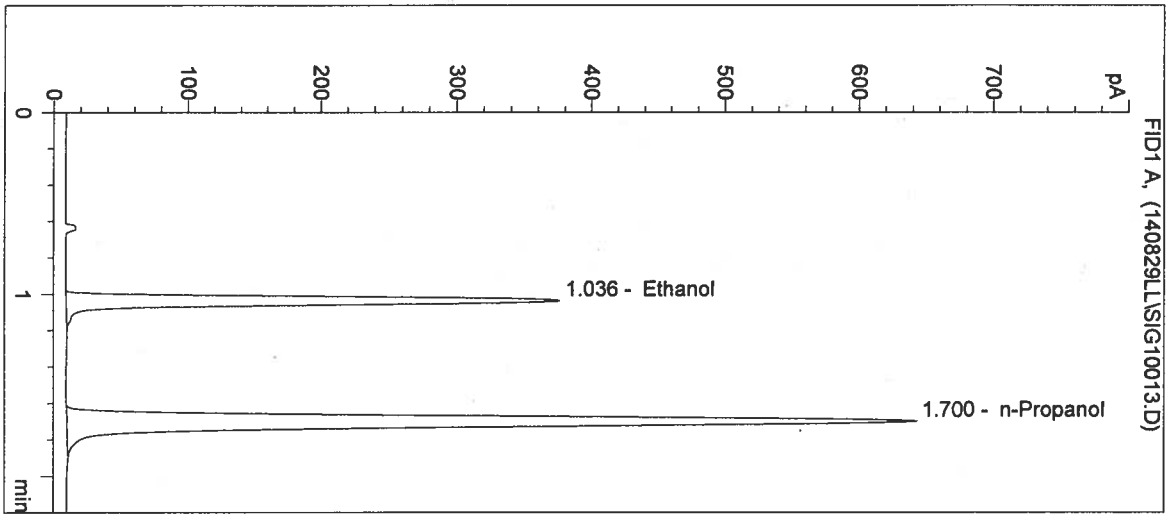
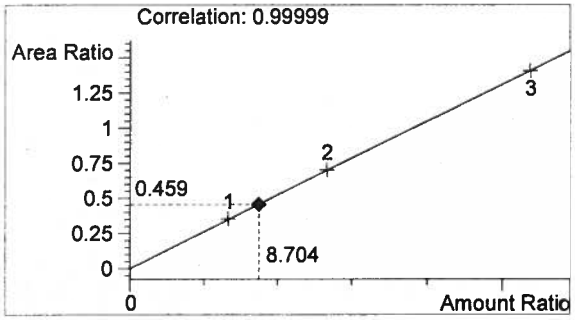
Inj. Date: 8/29/2014 4:20:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

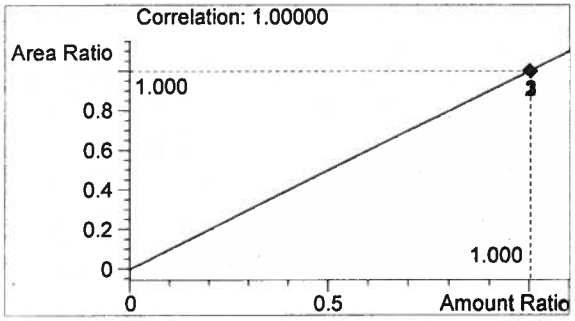
Sample Name: 14033 #4
Operator: Lyndsey Lowe
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1138	1.036
2	n-Propanol	2481	1.700



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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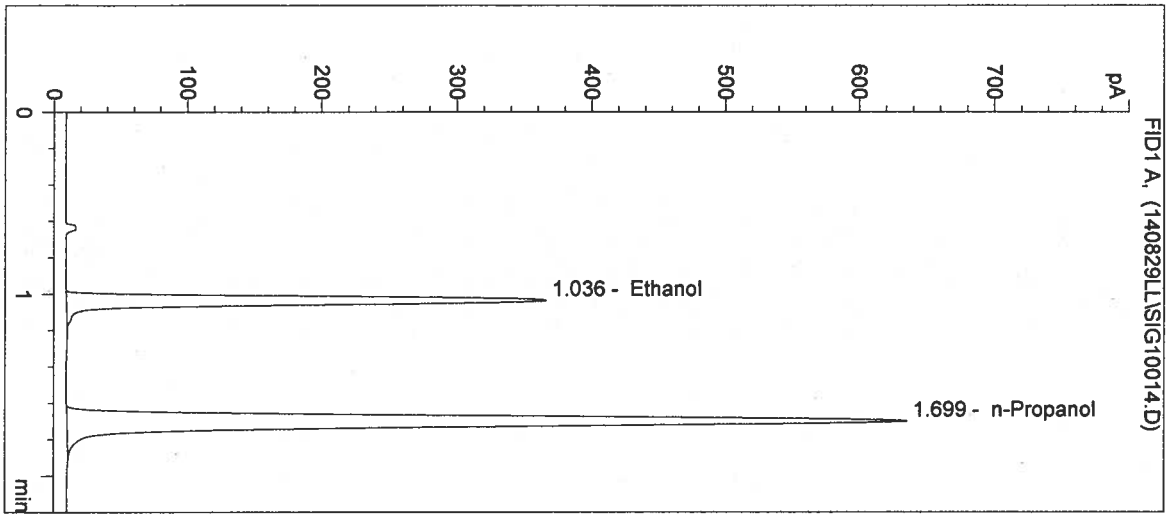
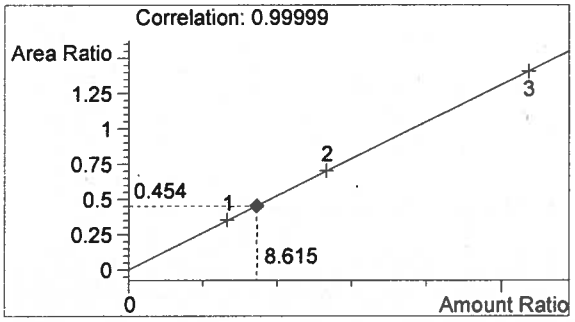
Inj. Date: 8/29/2014 4:24:06 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

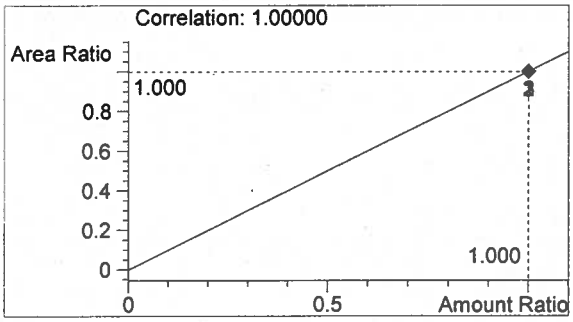
Sample Name: 14033 #5
Operator: Lyndsey Lowe
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1116	1.036
2	n-Propanol	2459	1.699



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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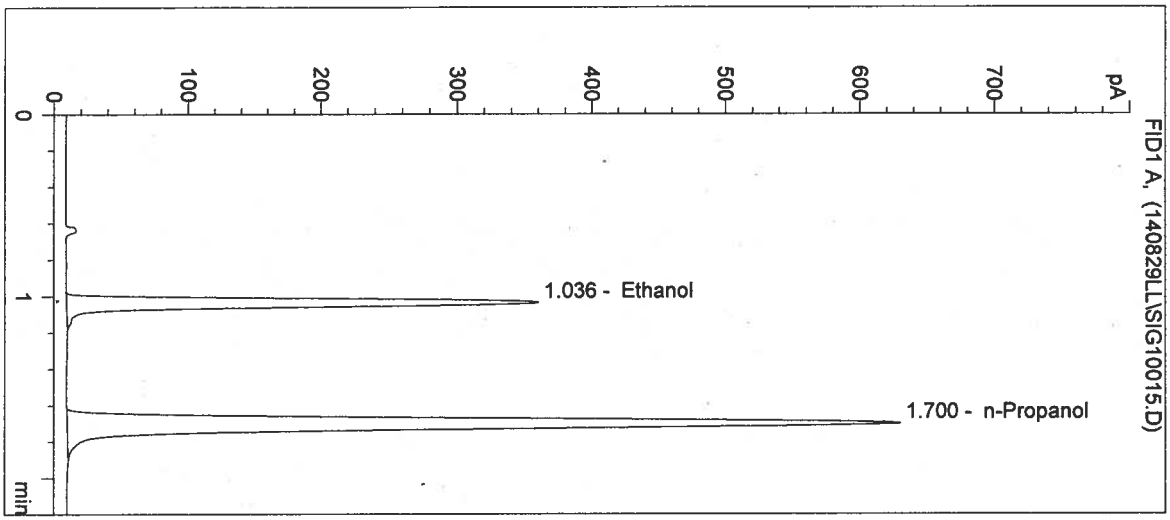
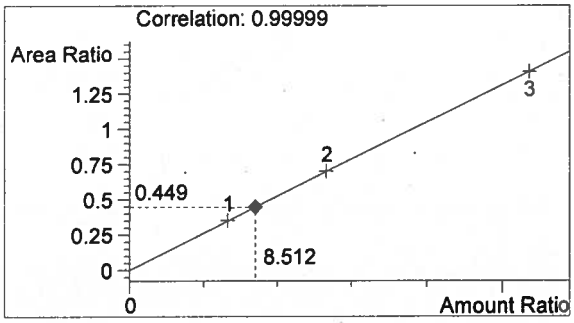
Inj. Date: 8/29/2014 4:27:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

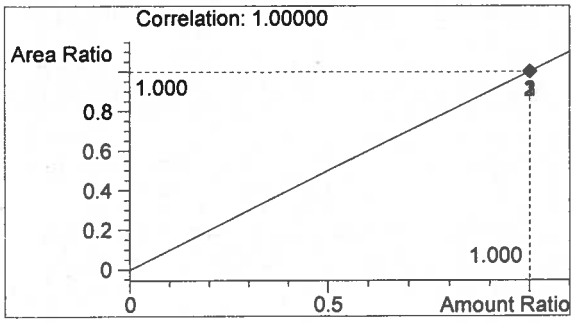
Sample Name: 0.10 Ctrl
Operator: Lyndsey Lowe
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1094	1.036
2	n-Propanol	2438	1.700



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

14033

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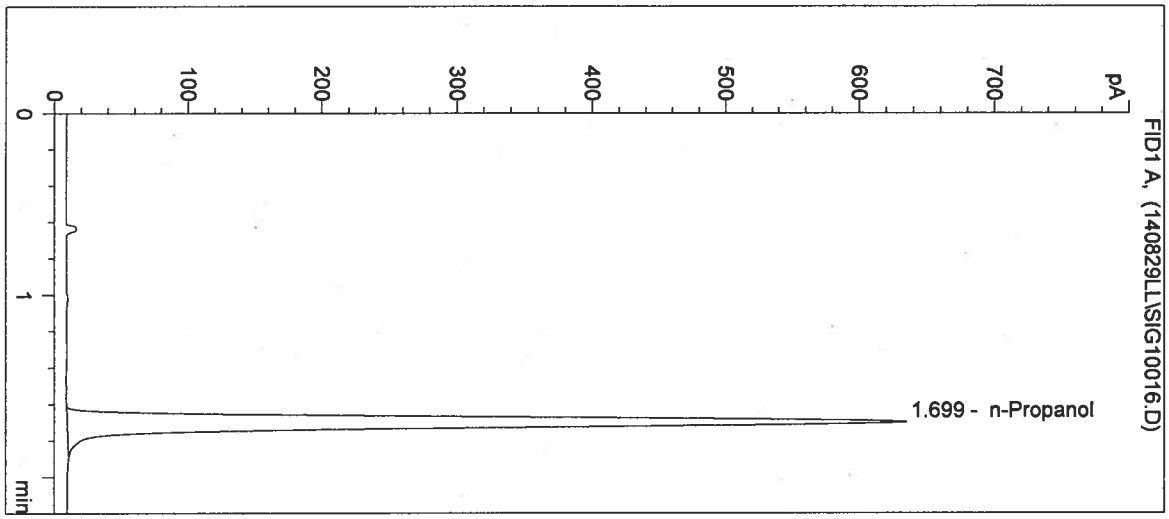
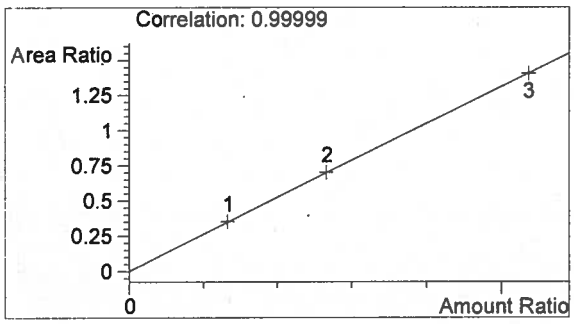
Inj. Date: 8/29/2014 4:30:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

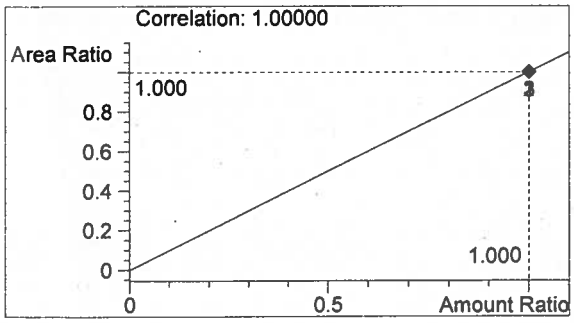
Sample Name: Negative
Operator: Lyndsey Lowe
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2458	1.699



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14033