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

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 14021

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: 06/25/2014
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Katie Knorr

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

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: 0.00134
PRECISION CV (%): 1.29
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0842 g/210L**
EXPANDED UNCERTAINTY: ± 0.0034 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Lisa Noble — Forensic Scientist Supervisor — 7/31/14 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
KK	Katie Knorr	Katie Knorr	06/25/2014
AJL	Asa J. Louis		06/27/2014
AG	Andrew Gingras		07/01/2014
CM	Christie Mitchell-Mata		07/03/2014
RF	Rebecca Flaherty		07/18/2014
DCS	Dawn C. Sklerov		07/18/2014
JLK	Justin L. Knoy		07/22/2014
LL	Lyndsey Lowe		07/23/2014

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 #: 14021 **Date Prepared:** 6/25/2014

Analyst:	KK	AJL	AG	CM	RF	DCS	JLK	LL
Date Tested:	6/25/2014	6/27/2014	7/1/2014	7/3/2014	7/18/2014	7/18/2014	7/22/2014	7/23/2014
Instrument:	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1
1	0.104	0.105	0.103	0.103	0.103	0.103	0.103	0.100
2	0.105	0.105	0.104	0.104	0.104	0.103	0.104	0.101
3	0.104	0.105	0.103	0.103	0.104	0.103	0.103	0.101
4	0.105	0.105	0.104	0.104	0.105	0.103	0.103	0.101
5	0.104	0.106	0.103	0.104	0.105	0.105	0.103	0.101
C	0.102	0.102	0.101	0.101	0.102	0.102	0.100	0.099

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0001674125	0.0001239805	0.0001016326

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

Average Solution Concentration: 0.1035 g/100mL
Standard Deviation: 0.00134 g/100mL
Precision CV (%): 1.29
Equivalent Vapor Concentration: 0.0842 g/210L
Combined Standard Uncertainty (±): 0.0017 g/210L
Expanded Uncertainty (±): 0.0034 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Lisa Noble (Name) [signature] (Signature) 7/28/14 (Date)

Calculations verified by: Amanda M. Black (Name) [signature] (Signature) 7-31-14 (Date)

Method: Hand calculation

Technical review of batch file performed by:
Lisa Noble (Name) [signature] (Signature) 7/28/14 (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	7/28/14
Asa Louis	AL	20140728
Brittany Ball		
Christie Mitchell-Mata	CM	7/28/14
Christopher Johnston		
Dawn Sklerov	DCS	7.28.14
Justin Knoy	JK	7.31.14
Katie Knorr	KK	7/28/14
Lyndsey Lowe	LL	7.29.14
Naziha Nuwayhid		
Rebecca Flaherty	RF	7-28-14

Batch # 14021

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14021

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

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

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

The external standard solution, Lot Number 14021, was prepared in the Washington State Toxicology Laboratory on 6/25/2014. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 6/25/2015.

Seattle, WA

Katie Knorr 7/28/14

Katie Knorr Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14021

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

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

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

The external standard solution, Lot Number 14021, was prepared in the Washington State Toxicology Laboratory on 6/25/2014. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 6/25/2015.

Seattle, WA

20140728

Asa J. Louis Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14021

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

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

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

The external standard solution, Lot Number 14021, was prepared in the Washington State Toxicology Laboratory on 6/25/2014. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 6/25/2015.

Seattle, WA

7/28/14

Andrew Gingras Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14021

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

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

I possess the following qualifications: BA degree in Chemistry, MFS degree in Forensic Science, and over four years experience in forensic toxicology.

The external standard solution, Lot Number 14021, was prepared in the Washington State Toxicology Laboratory on 6/25/2014. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 6/25/2015.

Seattle, WA

7/28/14

Christie Mitchell-Mata Date

Forensic Toxicologist

JAY INSLEE
Governor

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14021

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

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

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

The external standard solution, Lot Number 14021, was prepared in the Washington State Toxicology Laboratory on 6/25/2014. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 6/25/2015.

Seattle, WA

7/28/14

Rebecca Flaherty — Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14021

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

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

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

The external standard solution, Lot Number 14021, was prepared in the Washington State Toxicology Laboratory on 6/25/2014. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 6/25/2015.

Seattle, WA

7-28-14

Dawn C. Sklerov — Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14021

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

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

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

The external standard solution, Lot Number 14021, was prepared in the Washington State Toxicology Laboratory on 6/25/2014. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 6/25/2015.

Seattle, WA

7.31.14

Justin L. Knoy — Date
Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14021

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

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

I possess the following qualifications: BS degree in Chemistry.

The external standard solution, Lot Number 14021, was prepared in the Washington State Toxicology Laboratory on 6/25/2014. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 6/25/2015.

Seattle, WA

7-29-14

Lyndsey Lowe — Date
Forensic Toxicologist

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 7-31-14

Location: WSP- FLSB Seattle, WA **Solution Batch Number:** 14021

	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:** 7-31-14

Reviewer Signature: MA OB 7-31-14 **Date:**

WSP-TLD COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 6/25/14 Initials of Preparer: KK

Expiration Date: 6/25/15

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

Date the 200-proof Ethanol bottle was opened: 6/25/14

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

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	☐	
QAP 0.08	22.4	18	☐	
QAP 0.10	28.1	18	☐	
QAP 0.15	42.0	18	☐	
ESS	66.5	52	☑	14021

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 6/25/14 Date

If different ethanol lot numbers are used in the preparation of solutions, record them and the corresponding solution batch numbers in the comments section.

Comments:

Katie Knon
Analyst Signature

6/25/14
Date

Sequence Parameters:

Sequence : C:\CHEM32\1\SEQUENCE\KKESS.S

Operator : Katie Knorr

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

Data Subdirectory : 140625KK

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: E0414-01 - exp: 10/15/14
CAL 2: 0.158 g/100 mL - Lot: E0414-02 - exp: 10/15/14
CAL 3: 0.316 g/100 mL - Lot: E0414-03 - exp: 10/15/14

CTRL 1: 0.04 g/100 mL - Lot: FN05011301 - exp: 5/2018
CTRL 2: 0.10 g/100 mL - Lot: FN08051301 - exp: 10/2018
CTRL 3: 0.20 g/100 mL - Lot: FN100511-01 - exp: 10/2016

n-Propanol: Lot: P0514 - exp: 8/27/2014

E14021

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	
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp	

KK

Sequence: C:\CHEM32\1\SEQUENCE\KKESS.S

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
10	Vial 10	14021-1	SIMALC1	1	Sample	
11	Vial 11	14021-2	SIMALC1	1	Sample	
12	Vial 12	14021-3	SIMALC1	1	Sample	
13	Vial 13	14021-4	SIMALC1	1	Sample	
14	Vial 14	14021-5	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!

14021

KK

Calibration Table

General Calibration Setting

Calib. Data Modified : Wednesday, June 25, 2014 12:01:21 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

14021

Signal Details

Signal 1: FID1 A,

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
1.053	1	1	8.12400e-2	960.34479	8.45946e-5	No	No 1	Ethanol
		2	1.59860e-1	1735.12280	9.21318e-5			
		3	3.17330e-1	3555.15918	8.92590e-5			
1.730	1	1	1.20000e-2	2602.44434	4.61105e-6	No	Yes 1	n-Propanol

KK

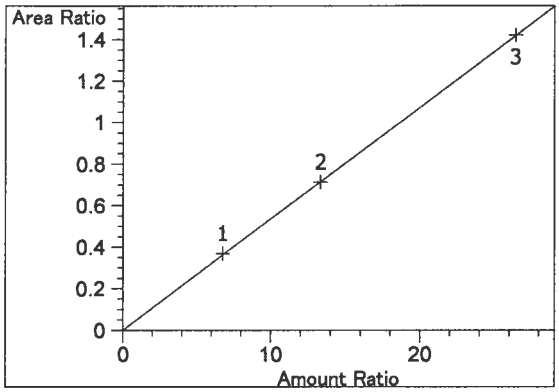
Method C:\CHEM32\1\METHODS\SIMALC1.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	2435.18799	4.92775e-6			
		3	1.20000e-2	2501.33203	4.79744e-6			

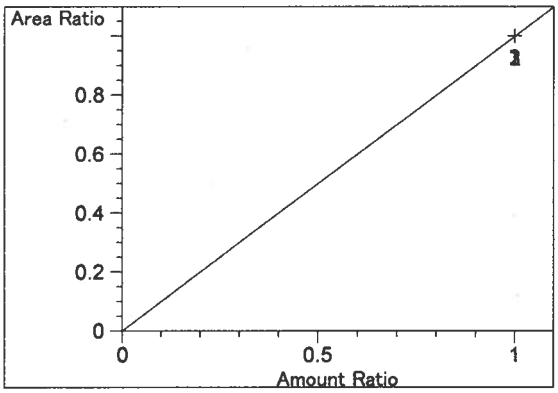
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.053
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00421
Formula: y = mx + b
m: 5.36664e-2
b: 1.35887e-3
x: Amount
y: Area



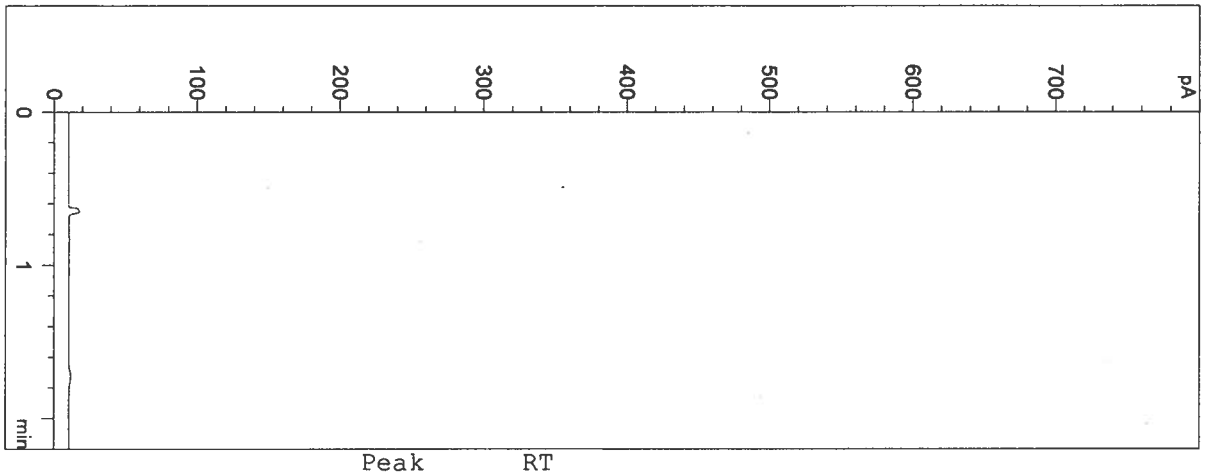
n-Propanol at exp. RT: 1.730
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

14021

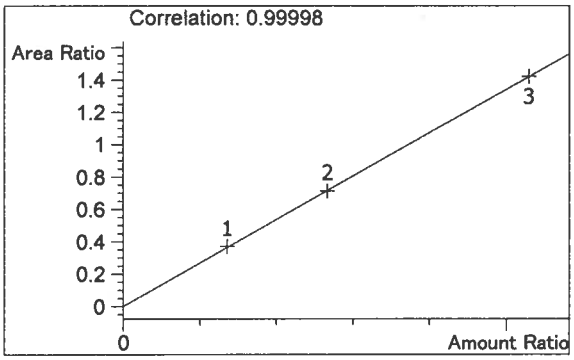
KK

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

Inj. Date: 6/25/2014 11:48:30 AM Sample Name: BLANK
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

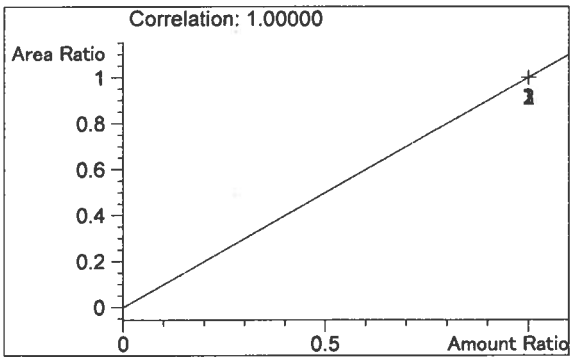


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14021

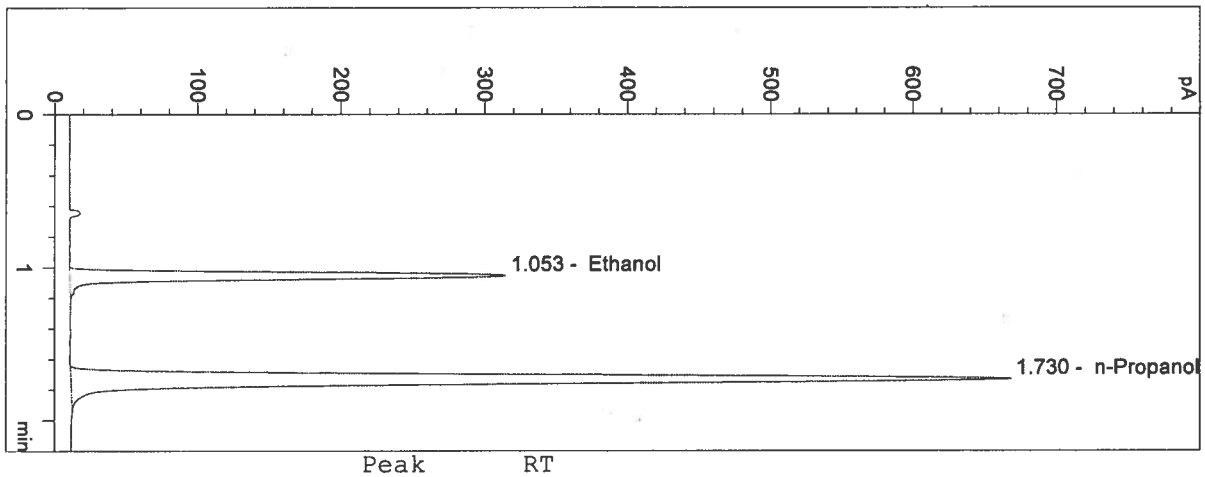


n-Propanol 0.000 g/100mL

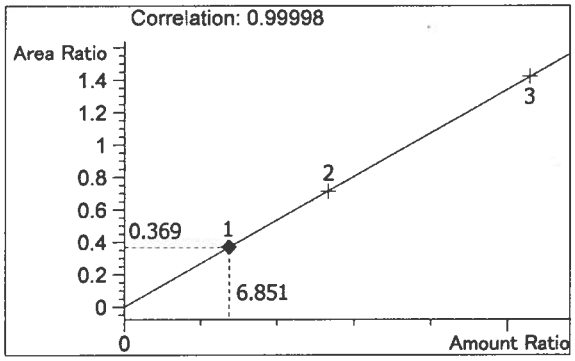
KK

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

Inj. Date: 6/25/2014 11:51:51 AM Sample Name: CAL 1 (0.079)
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 2
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

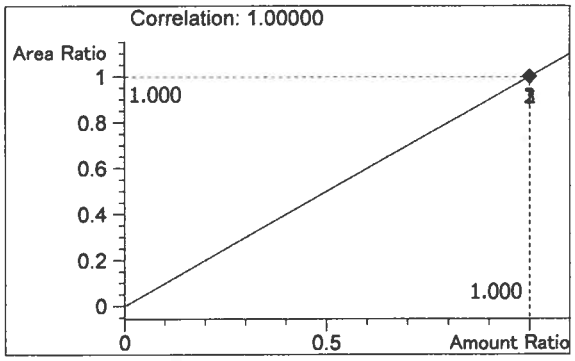


#	Compound	Peak Area	RT (min)
1	Ethanol	960	1.053
2	n-Propanol	2602	1.730



Ethanol 0.082 g/100mL

14021

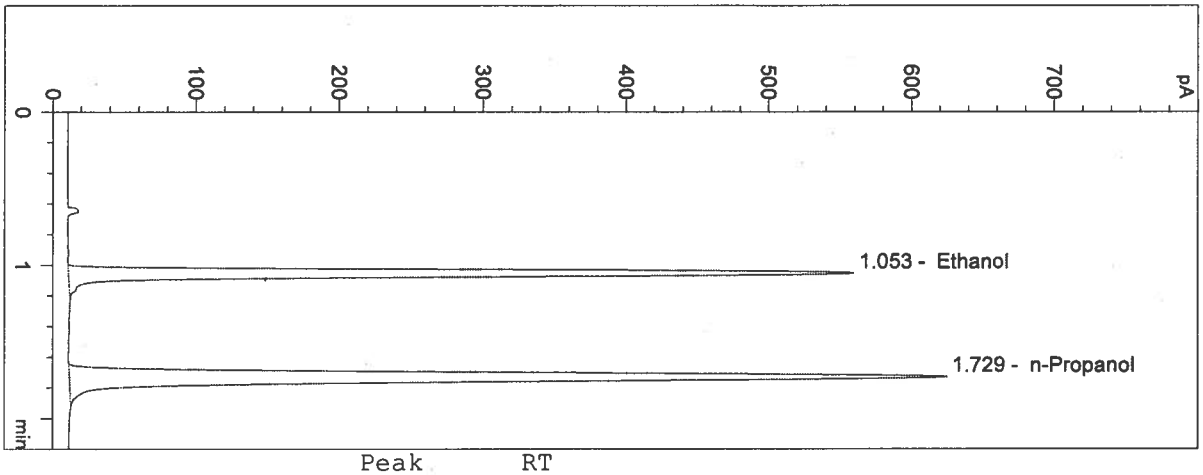


n-Propanol 0.012 g/100mL

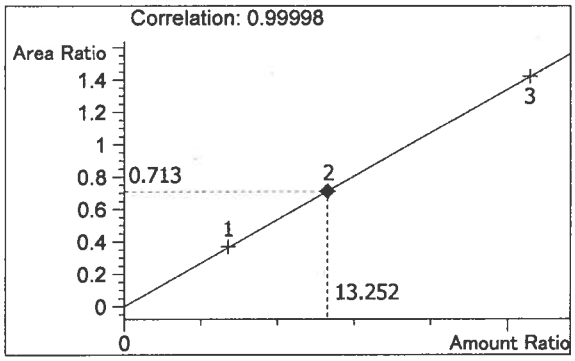
KK

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

Inj. Date: 6/25/2014 11:55:06 AM Sample Name: CAL 2 (0.158)
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 3
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

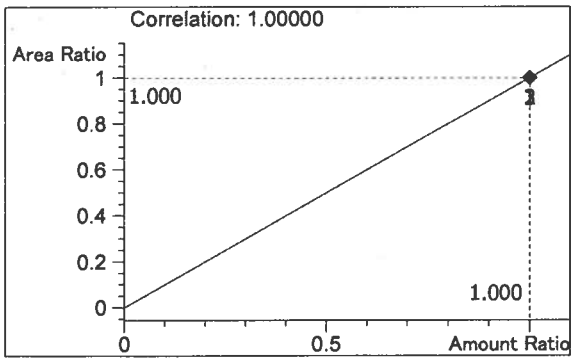


#	Compound	Peak Area	RT (min)
1	Ethanol	1735	1.053
2	n-Propanol	2435	1.729



Ethanol 0.159 g/100mL

14021

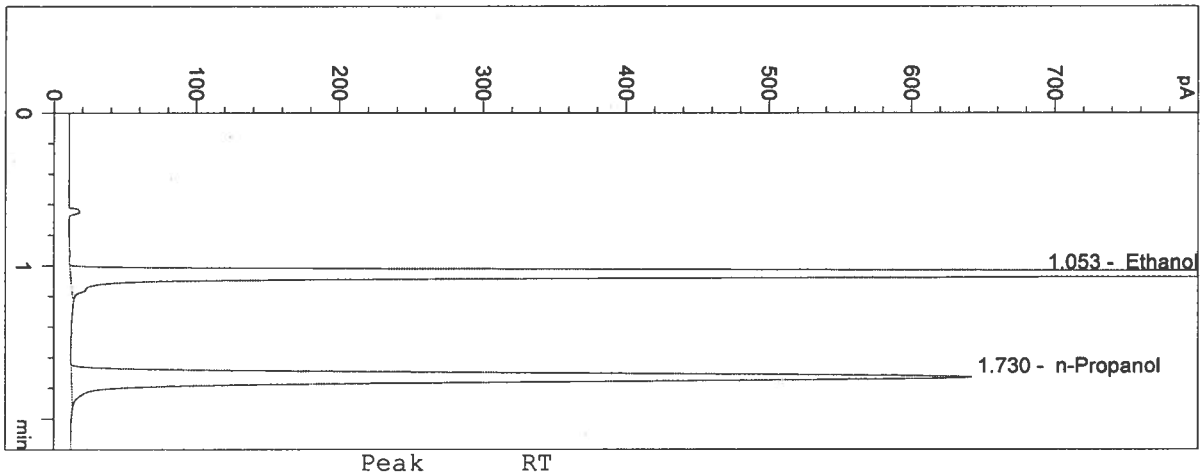


n-Propanol 0.012 g/100mL

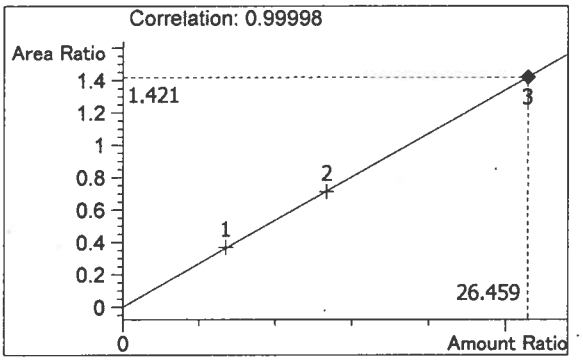
KK

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

Inj. Date: 6/25/2014 11:58:25 AM Sample Name: CAL 3 (0.316)
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 4
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

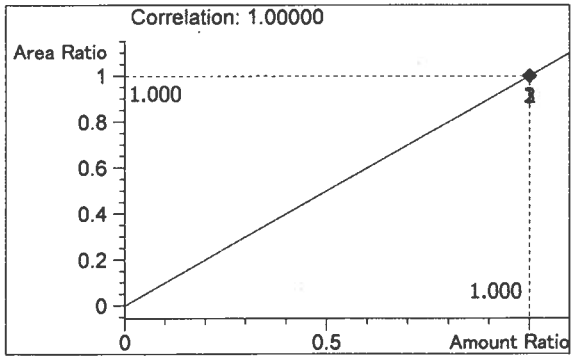


#	Compound	Peak Area	RT (min)
1	Ethanol	3555	1.053
2	n-Propanol	2501	1.730



Ethanol 0.318 g/100mL

14021

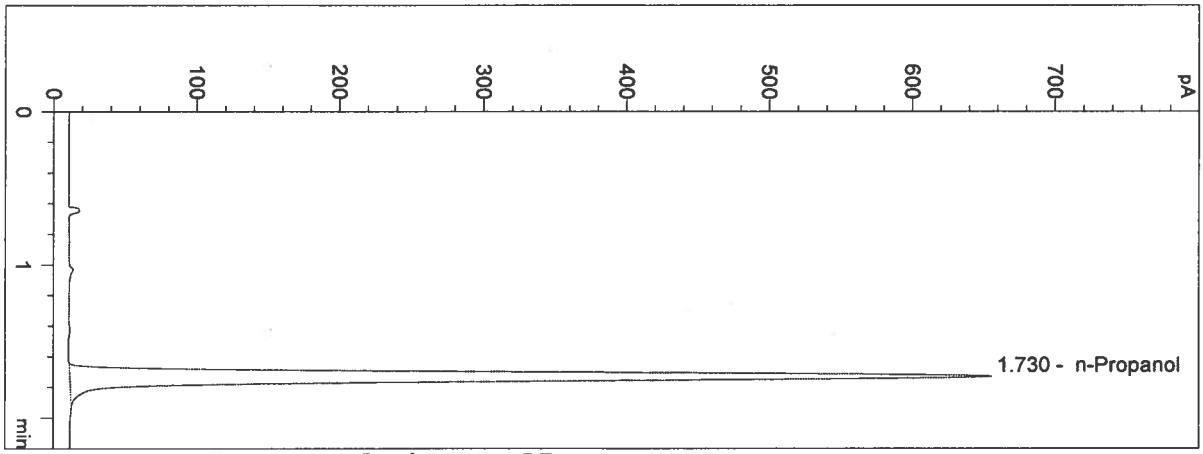


n-Propanol 0.012 g/100mL

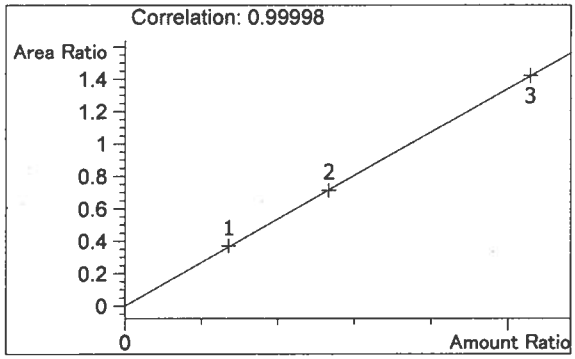
KK

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

Inj. Date: 6/25/2014 12:01:37 PM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 5
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

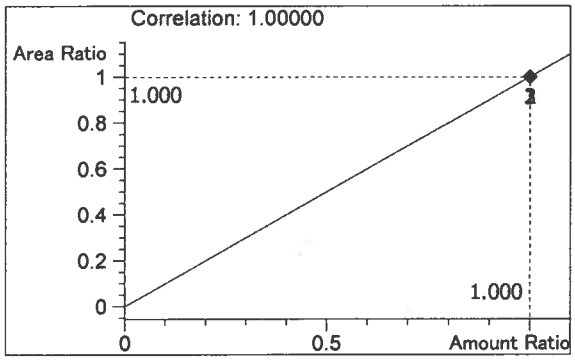


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2564	1.730



Ethanol 0.000 g/100mL

14021



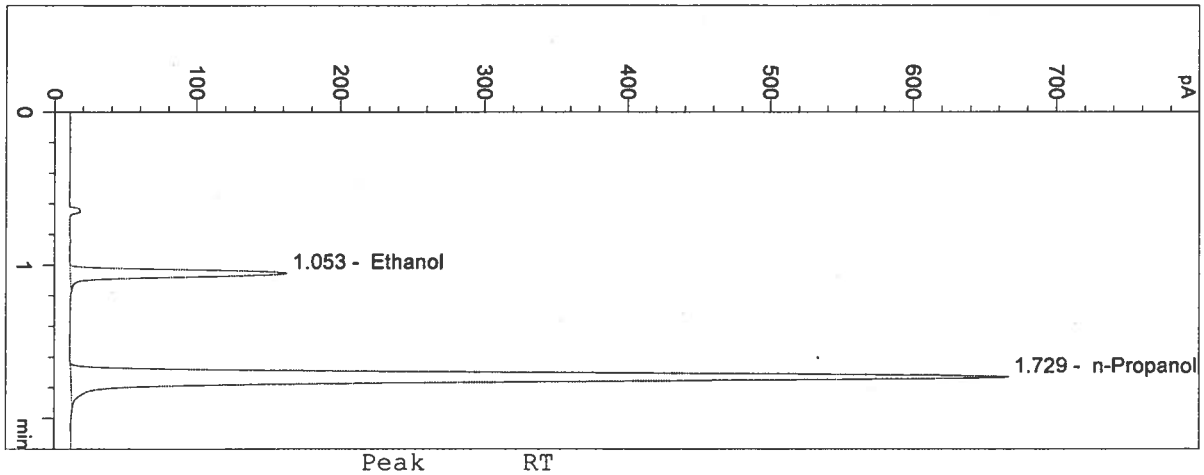
n-Propanol 0.012 g/100mL

Data File: C:\CHEM32\1\DATA\140625KK\005F0501.D Page 1 of 1

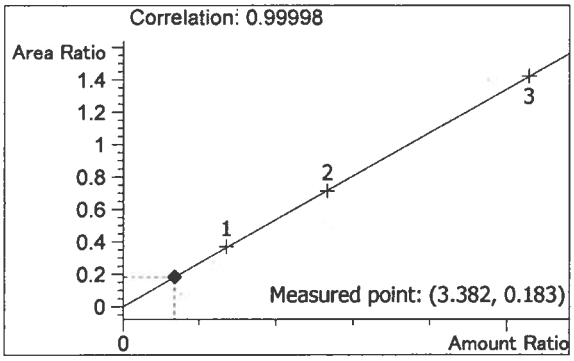
KK

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

Inj. Date: 6/25/2014 12:04:51 PM Sample Name: CTRL 1 (0.04)
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 6
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

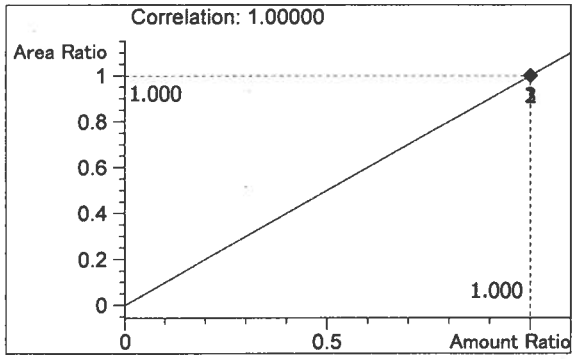


#	Compound	Peak Area	RT (min)
1	Ethanol	476	1.053
2	n-Propanol	2606	1.729



Ethanol 0.041 g/100mL

14021

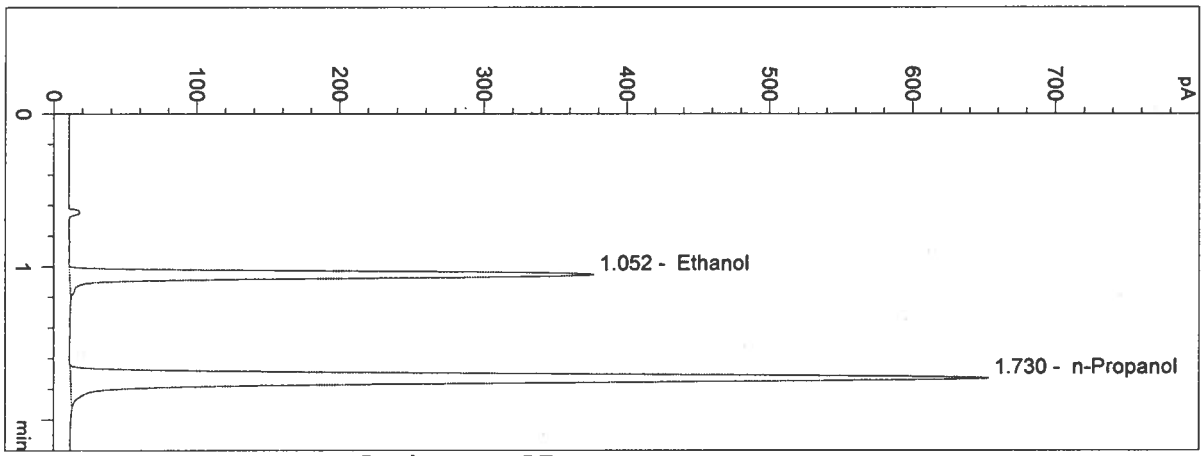


n-Propanol 0.012 g/100mL

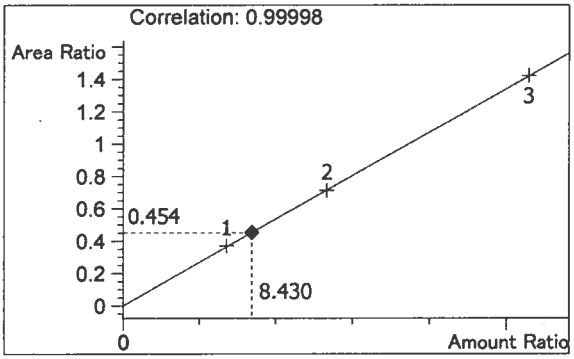
KK

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

Inj. Date: 6/25/2014 12:08:05 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 7
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

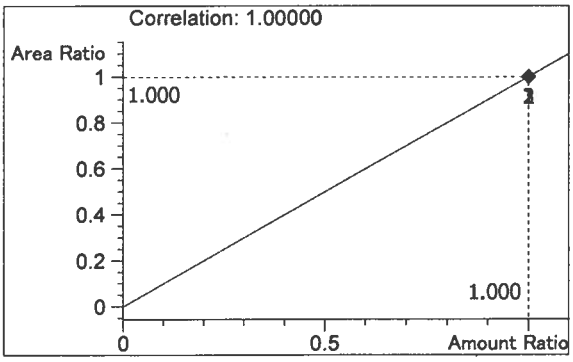


#	Compound	Peak Area	RT (min)
1	Ethanol	1158	1.052
2	n-Propanol	2553	1.730



Ethanol 0.101 g/100mL

14021

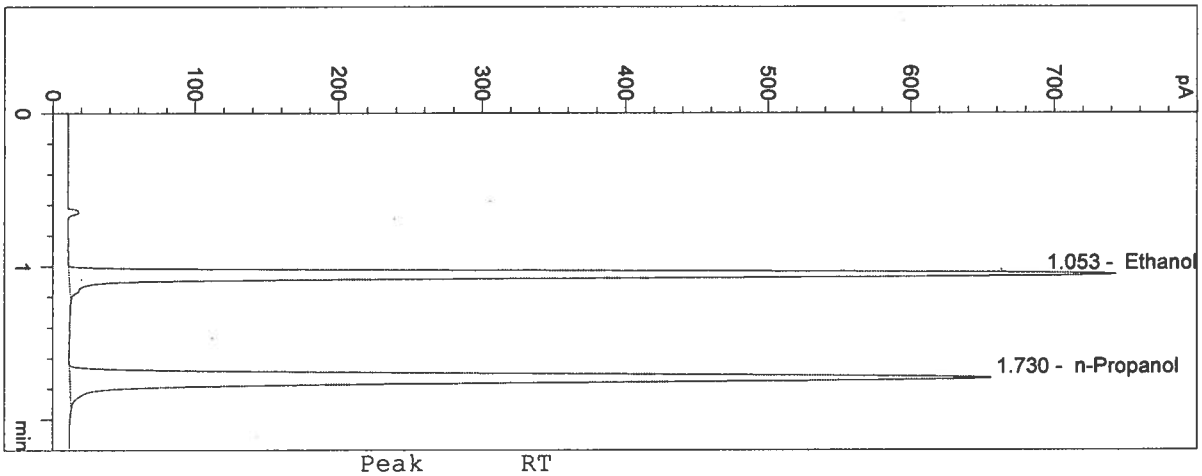


n-Propanol 0.012 g/100mL

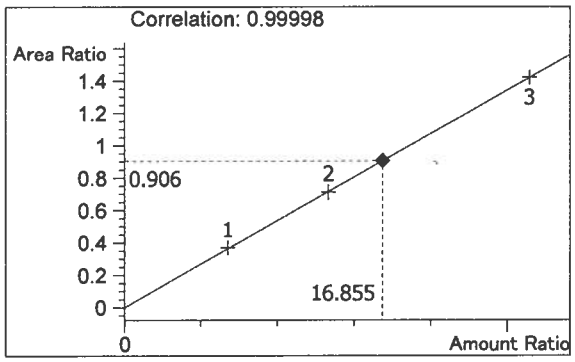
KK

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

Inj. Date: 6/25/2014 12:11:17 PM Sample Name: CTRL 3 (0.20)
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 8
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

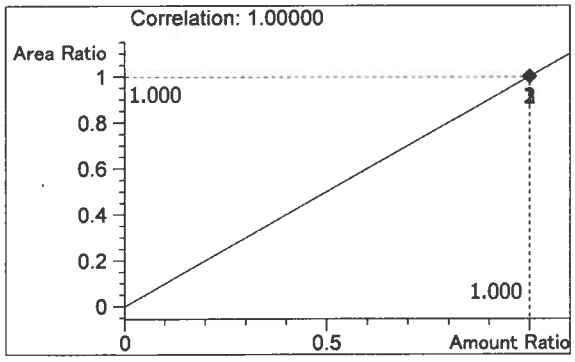


#	Compound	Peak Area	RT (min)
1	Ethanol	2314	1.053
2	n-Propanol	2554	1.730



Ethanol 0.202 g/100mL

14021

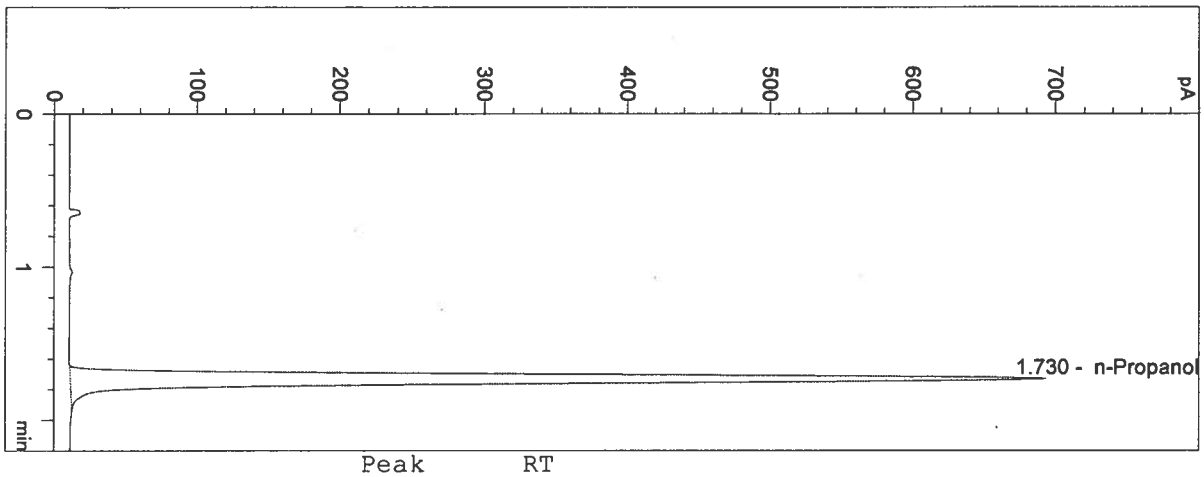


n-Propanol 0.012 g/100mL

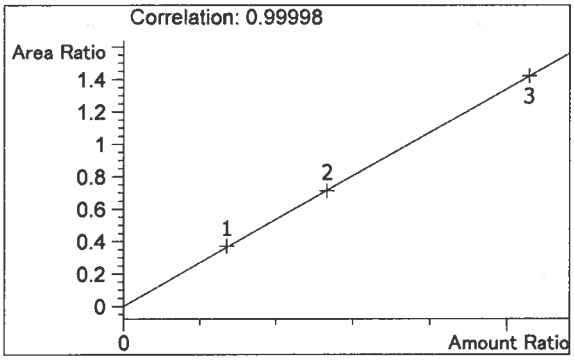
KK

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

Inj. Date: 6/25/2014 12:14:32 PM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 9
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

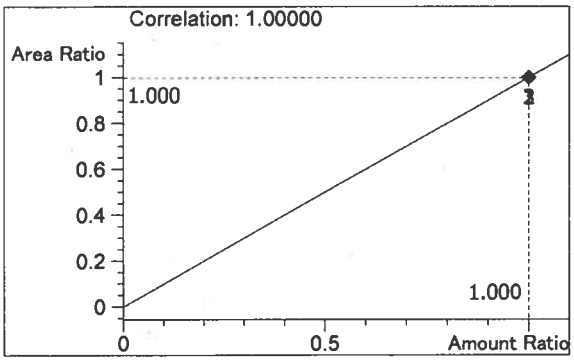


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2711	1.730



Ethanol 0.000 g/100mL

14021



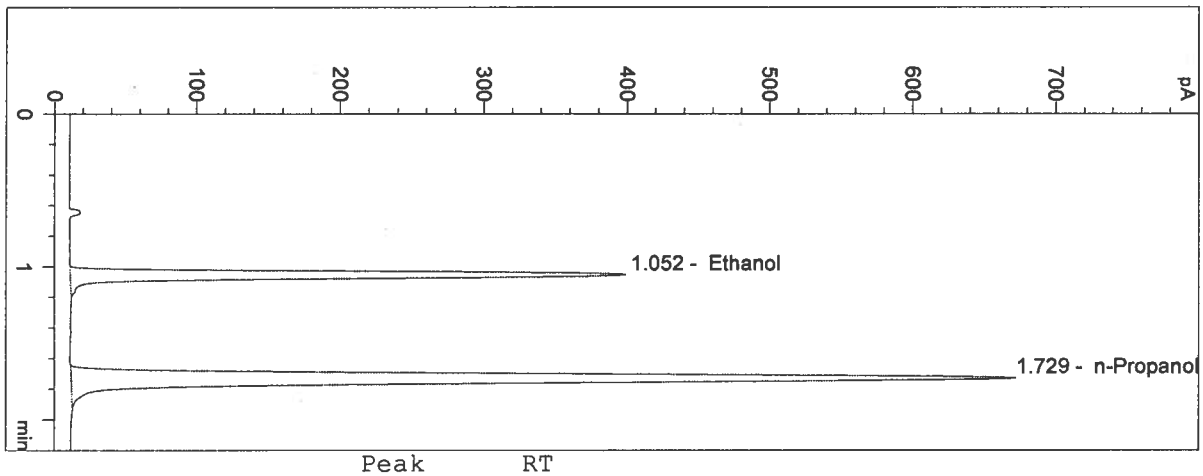
n-Propanol 0.012 g/100mL

Data File: C:\CHEM32\1\DATA\140625KK\009F0901.D Page 1 of 1

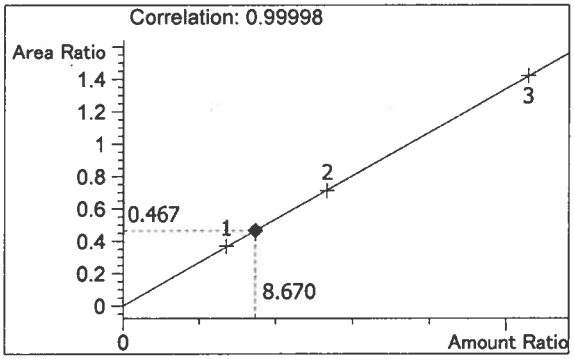
KK

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

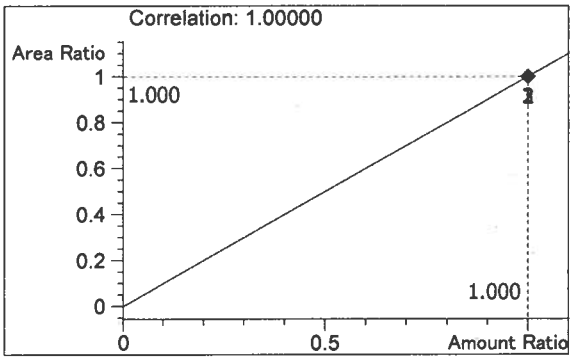
Inj. Date: 6/25/2014 12:17:43 PM Sample Name: 14021-1
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 10
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1224	1.052
2	n-Propanol	2623	1.729



Ethanol 0.104 g/100mL

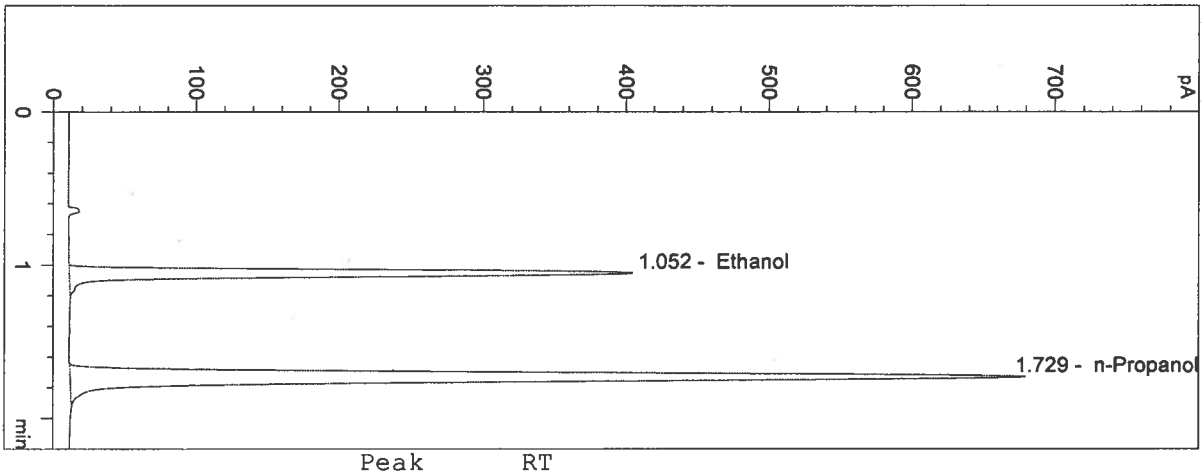


n-Propanol 0.012 g/100mL

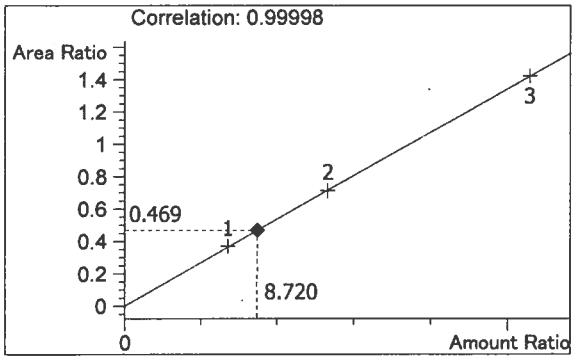
KK

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

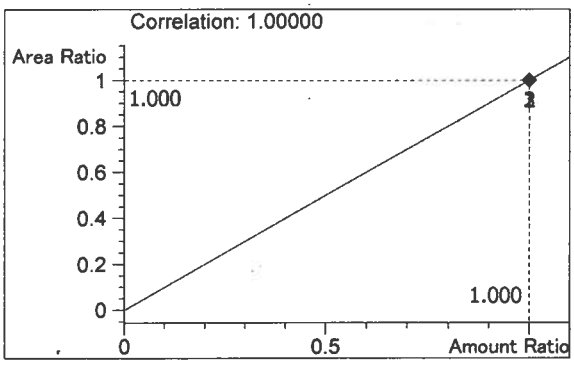
Inj. Date: 6/25/2014 12:20:58 PM Sample Name: 14021-2
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 11
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1245	1.052
2	n-Propanol	2653	1.729



Ethanol 0.105 g/100mL

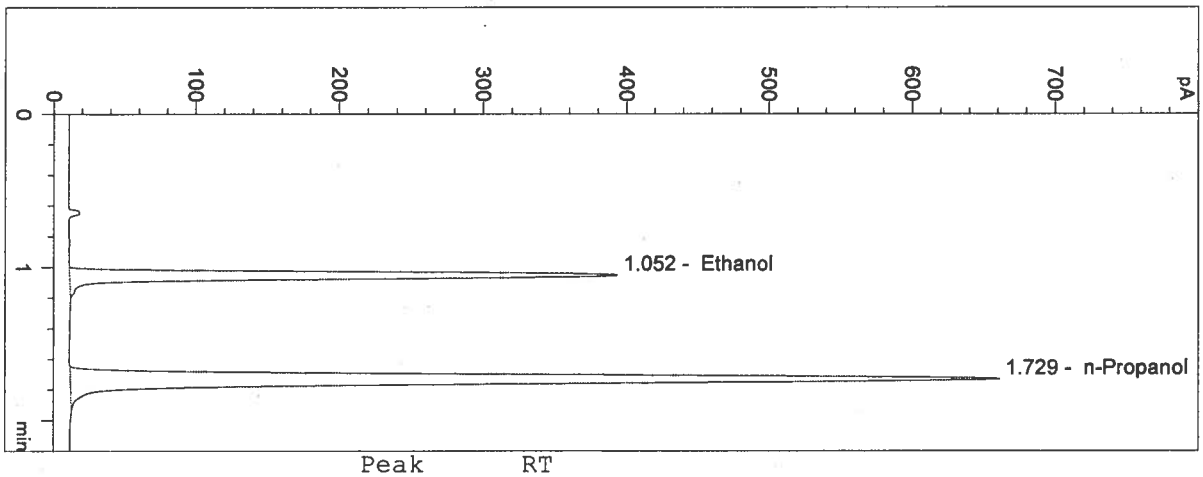


n-Propanol 0.012 g/100mL

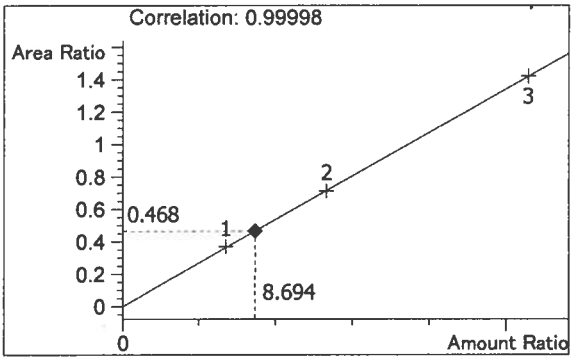
KK

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

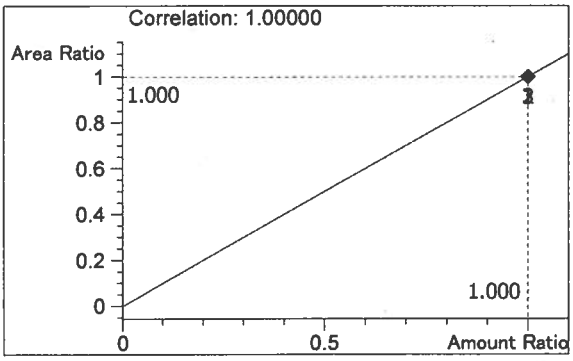
Inj. Date: 6/25/2014 12:24:11 PM Sample Name: 14021-3
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 12
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1207	1.052
2	n-Propanol	2580	1.729



Ethanol 0.104 g/100mL

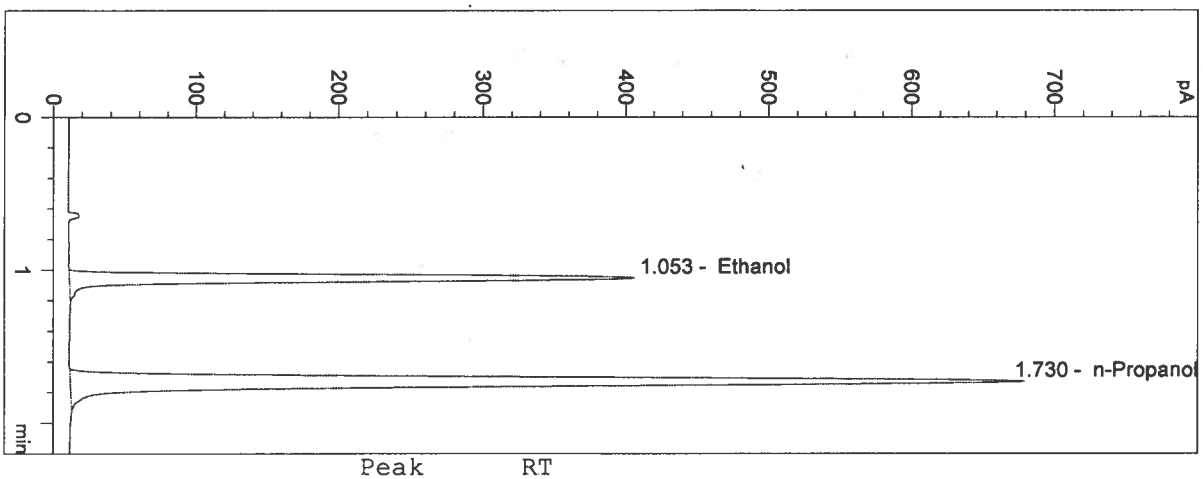


n-Propanol 0.012 g/100mL

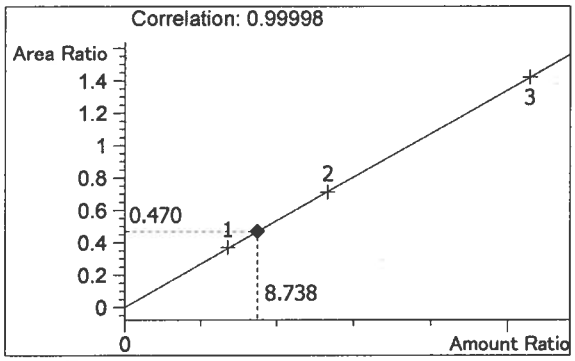
KK

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

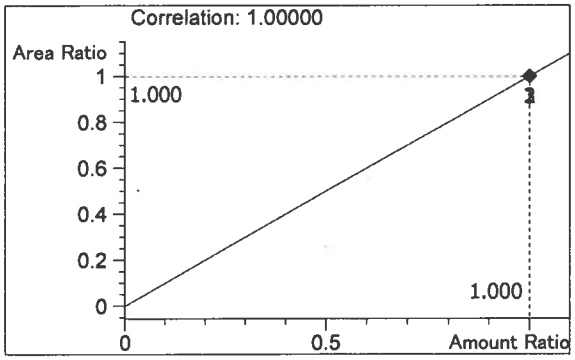
Inj. Date: 6/25/2014 12:27:24 PM Sample Name: 14021-4
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 13
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1247	1.053
2	n-Propanol	2651	1.730



Ethanol 0.105 g/100mL

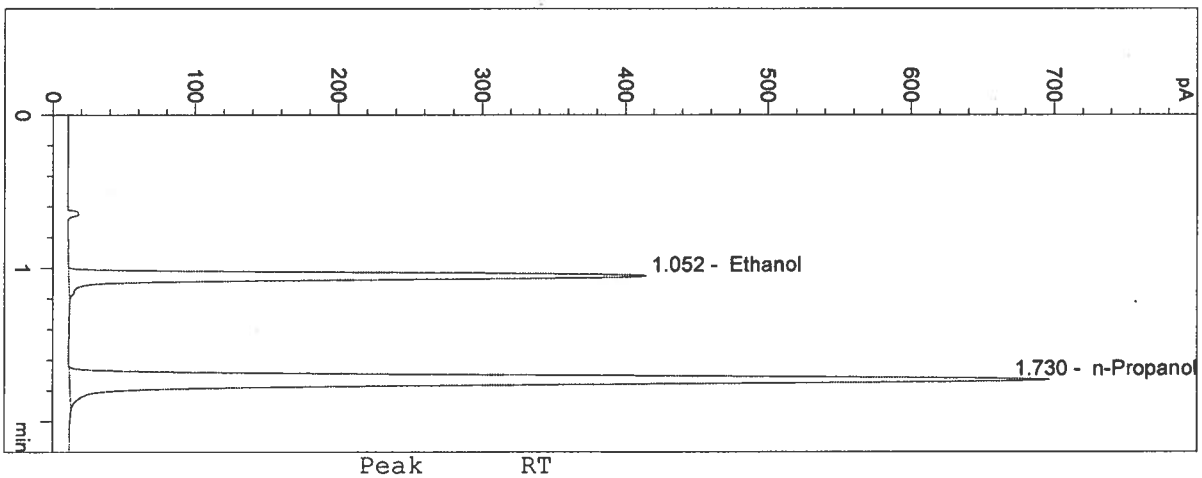


n-Propanol 0.012 g/100mL

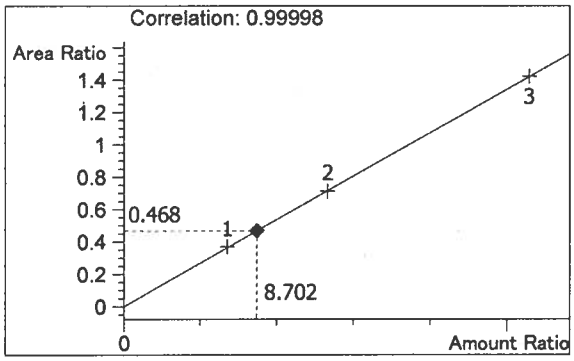
KK

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

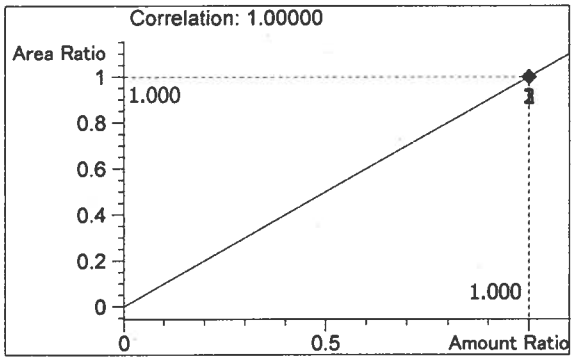
Inj. Date: 6/25/2014 12:30:40 PM Sample Name: 14021-5
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 14
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1274	1.052
2	n-Propanol	2721	1.730



Ethanol 0.104 g/100mL



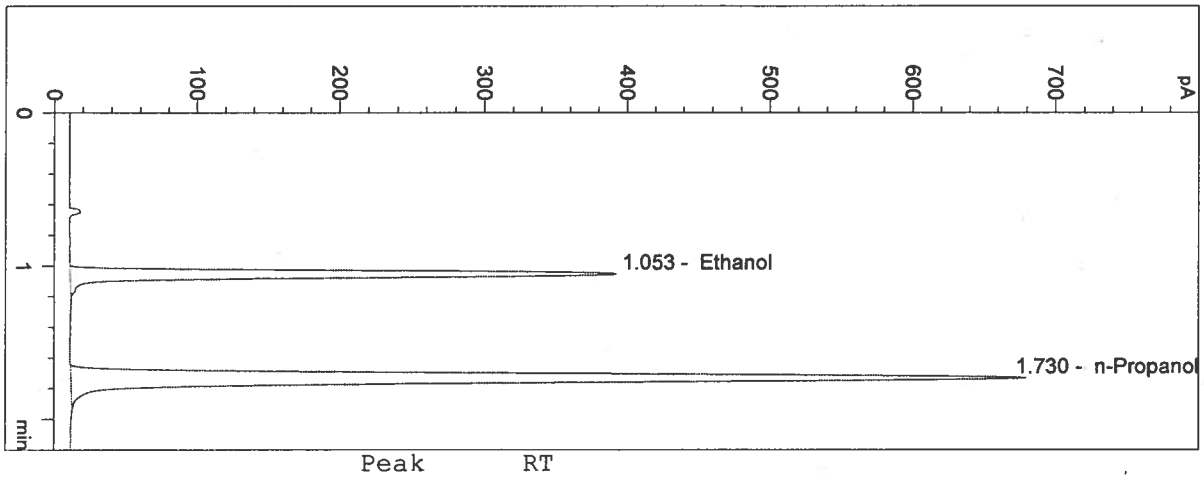
n-Propanol 0.012 g/100mL

Data File: C:\CHEM32\1\DATA\140625KK\014F1401.D

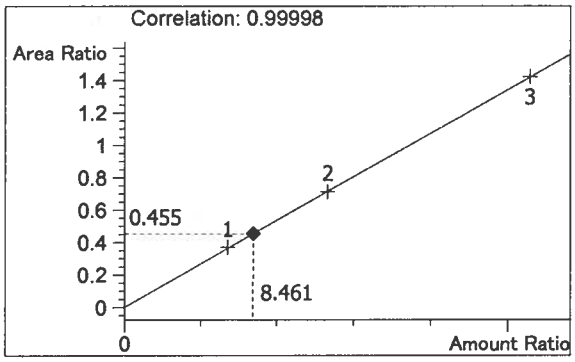
KK

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

Inj. Date: 6/25/2014 12:33:52 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 15
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

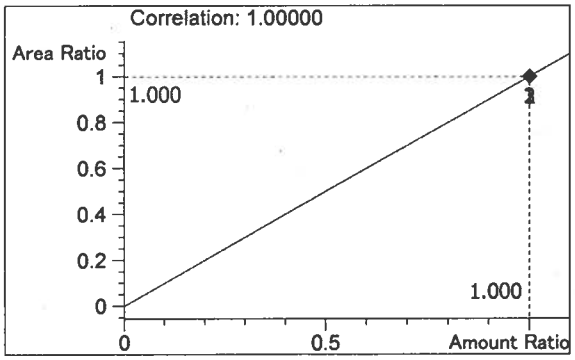


#	Compound	Peak Area	RT (min)
1	Ethanol	1206	1.053
2	n-Propanol	2649	1.730



Ethanol 0.102 g/100mL

14021

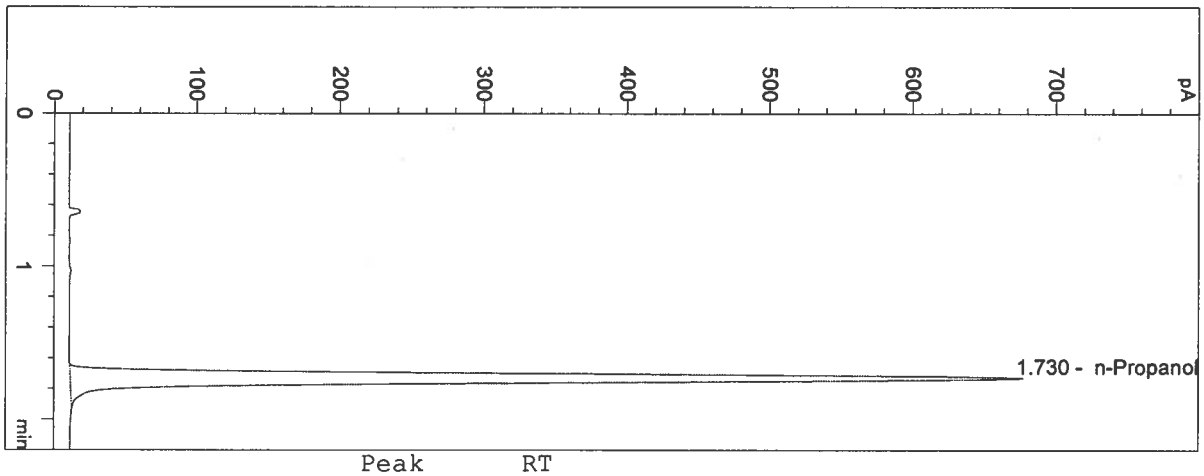


n-Propanol 0.012 g/100mL

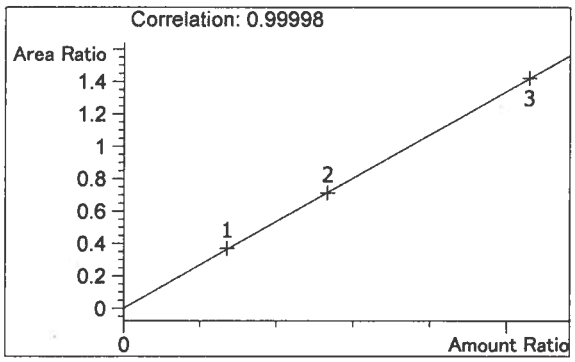
KK

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

Inj. Date: 6/25/2014 12:37:04 PM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 16
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

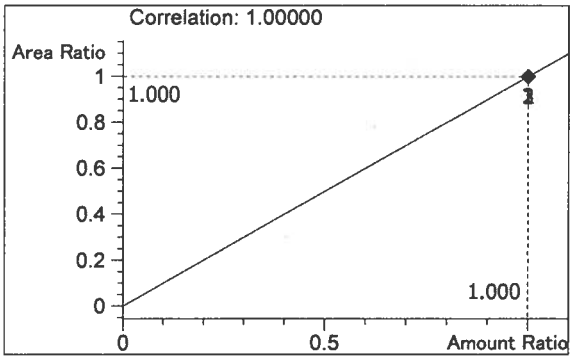


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2643	1.730



Ethanol 0.000 g/100mL

14021



n-Propanol 0.012 g/100mL

KK

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 : 140627al

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: E0414-01 - exp: 10/15/2014
CAL 2: 0.158 g/100 mL - Lot: E0414-02 - exp: 10/15/2014
CAL 3: 0.316 g/100 mL - Lot: E0414-03 - exp: 10/15/2014

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: FN100511-01 - exp: 10/2016

n-Propanol: Lot: P0514 - exp: 08/27/2014

14021

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	

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	14021-1	SIMALC1	1	Sample	
11	Vial 11	14021-2	SIMALC1	1	Sample	
12	Vial 12	14021-3	SIMALC1	1	Sample	
13	Vial 13	14021-4	SIMALC1	1	Sample	
14	Vial 14	14021-5	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!

14021

140627al

AL

Calibration Table

General Calibration Setting

Calib. Data Modified : Friday, June 27, 2014 7:53:17 AM

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

14021

Signal 1: FID1 A,

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
1.052	1	1	8.12400e-2	1159.70972	7.00520e-5	No	No 1	Ethanol
		2	1.59860e-1	1852.69604	8.62851e-5			
		3	3.17330e-1	3377.94214	9.39418e-5			
1.729	1	1	1.20000e-2	3135.80542	3.82677e-6	No	Yes 1	n-Propanol

140627 al

AL

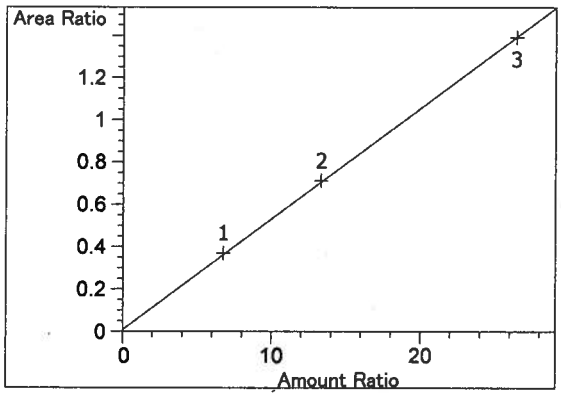
Method C:\CHEM32\1\METHODS\SIMALC1.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	2603.19263	4.60972e-6			
		3	1.20000e-2	2429.26074	4.93977e-6			

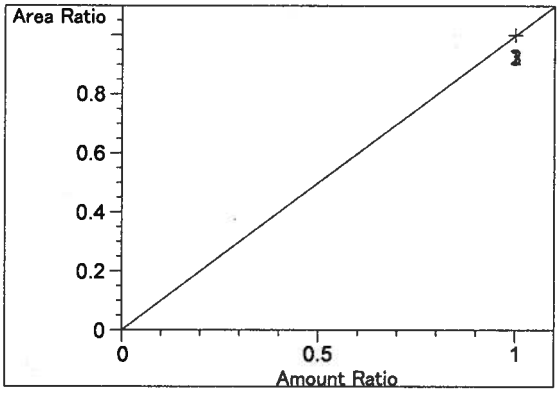
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.052
FID1 A,
Correlation: 0.99993
Residual Std. Dev.: 0.00878
Formula: y = mx + b
m: 5.24564e-2
b: 7.73798e-3
x: Amount
y: Area



n-Propanol at exp. RT: 1.729
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

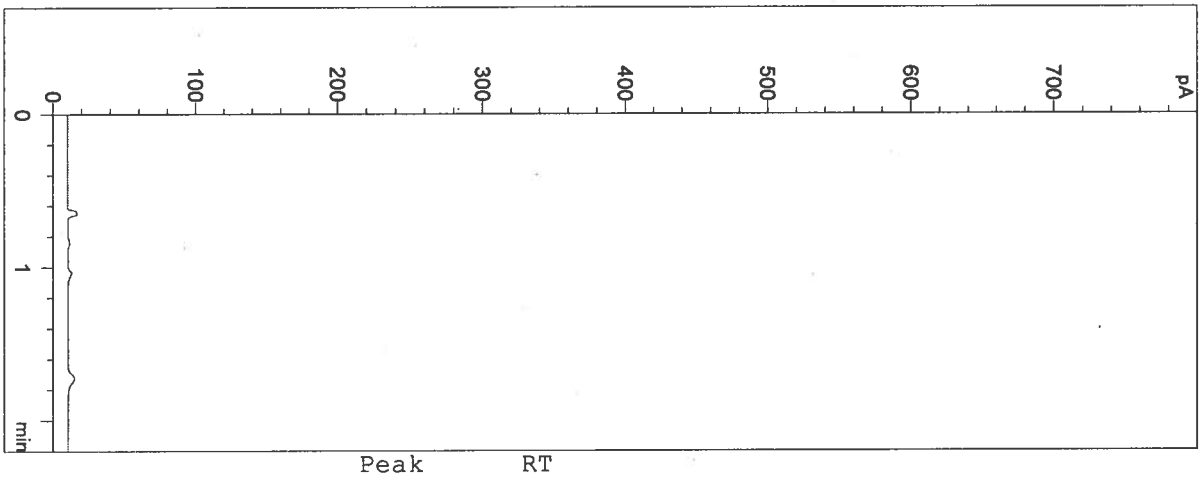
14021

14027al

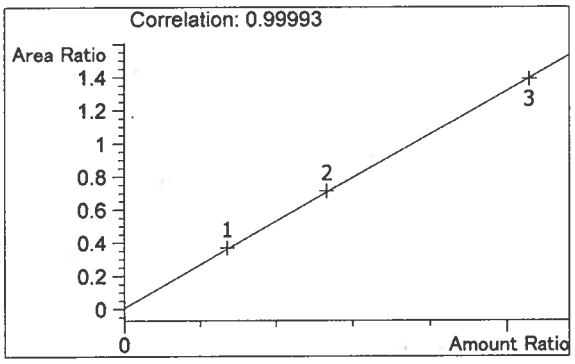
AL

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

Inj. Date: 6/27/2014 7:41:13 AM Sample Name: blank
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

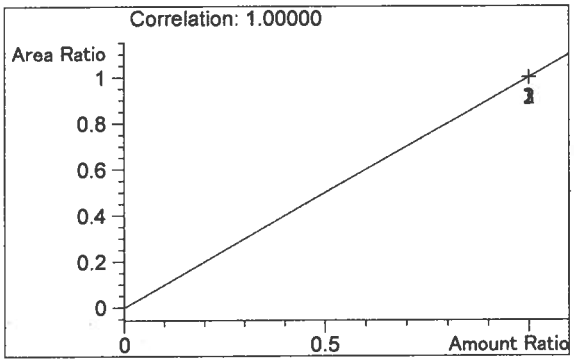


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14021

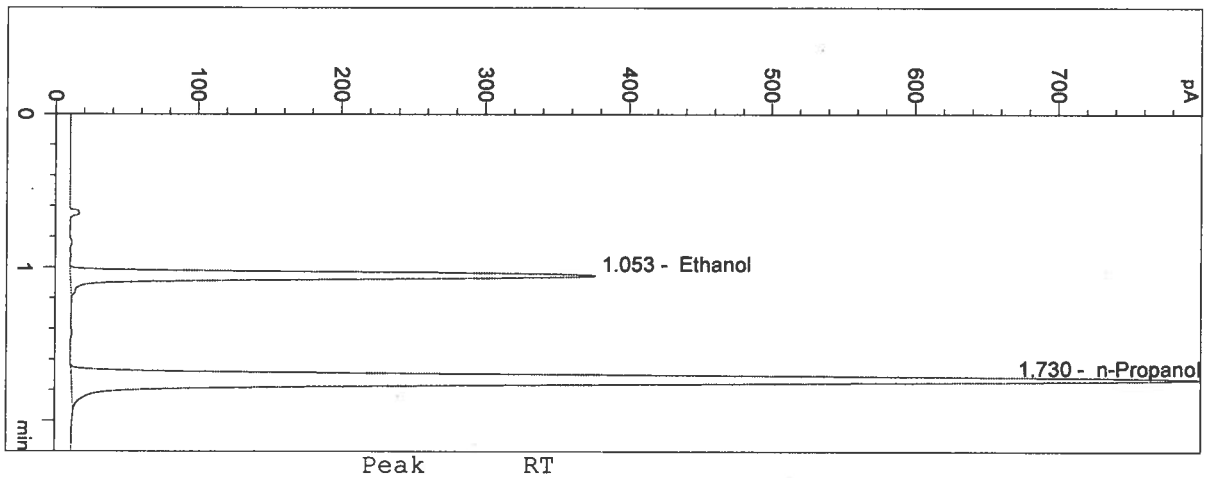


n-Propanol 0.000 g/100mL

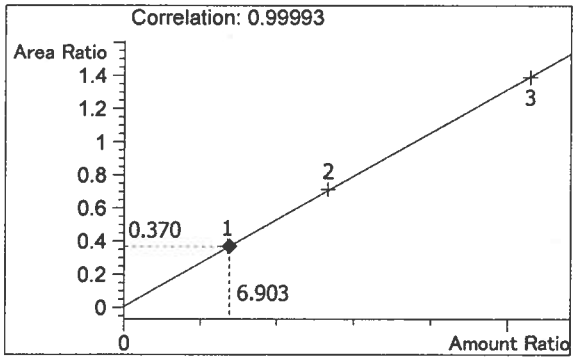
AL

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

Inj. Date: 6/27/2014 7:44:29 AM 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:

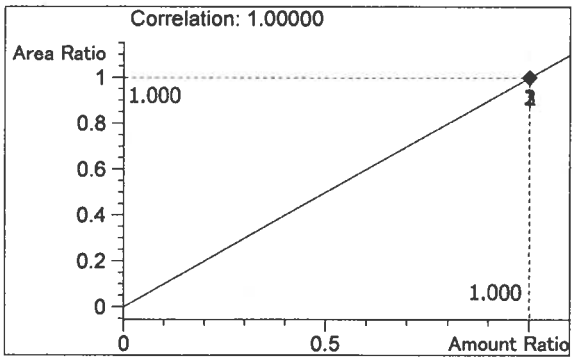


#	Compound	Peak Area	RT (min)
1	Ethanol	1160	1.053
2	n-Propanol	3136	1.730



Ethanol 0.083 g/100mL

14021

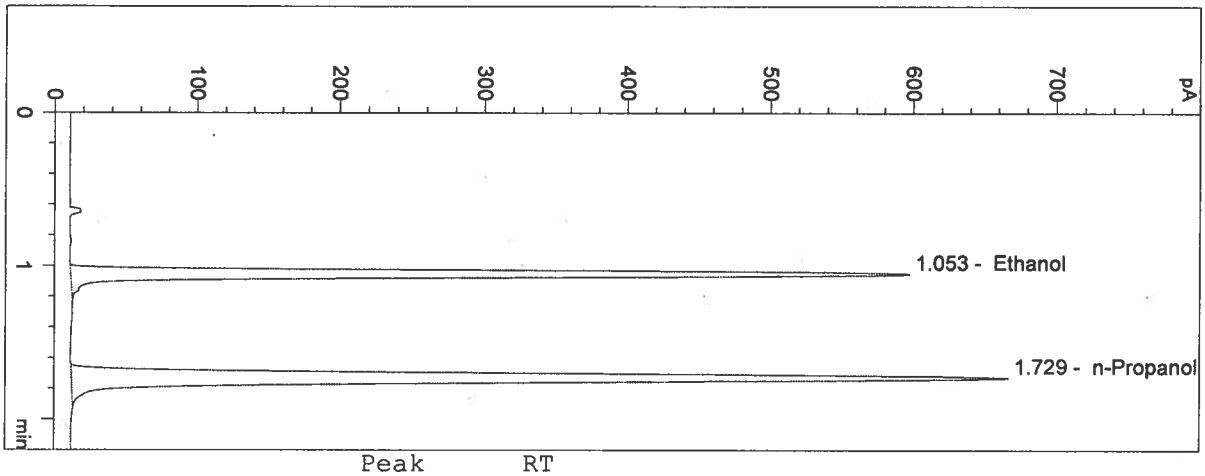


n-Propanol 0.012 g/100mL

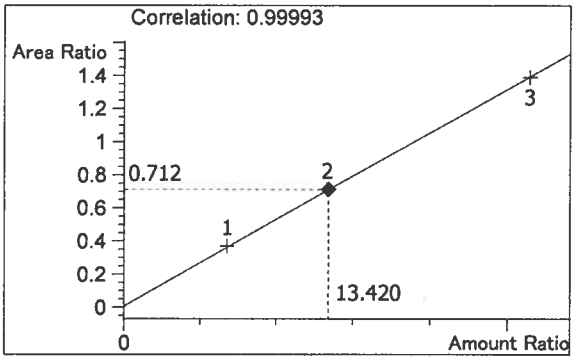
AL

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

Inj. Date: 6/27/2014 7:47:47 AM 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:

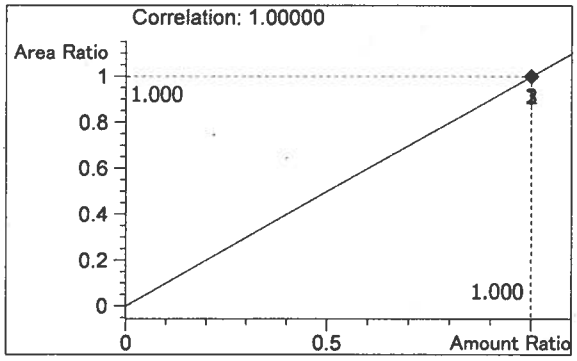


#	Compound	Peak Area	RT (min)
1	Ethanol	1853	1.053
2	n-Propanol	2603	1.729



Ethanol 0.161 g/100mL

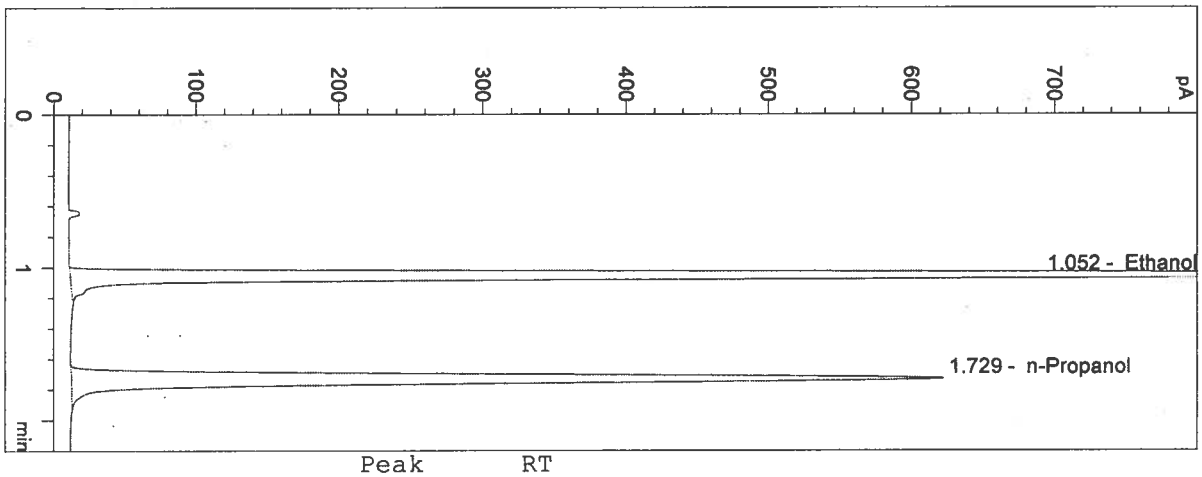
14021



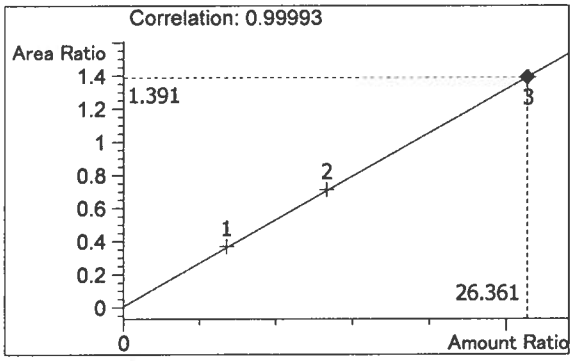
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/27/2014 7:51:02 AM 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:

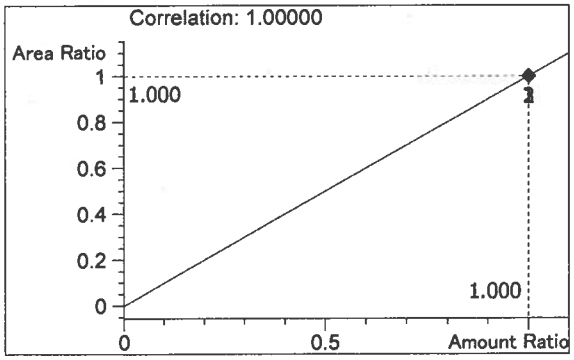


#	Compound	Peak Area	RT (min)
1	Ethanol	3378	1.052
2	n-Propanol	2429	1.729



Ethanol 0.316 g/100mL

14021

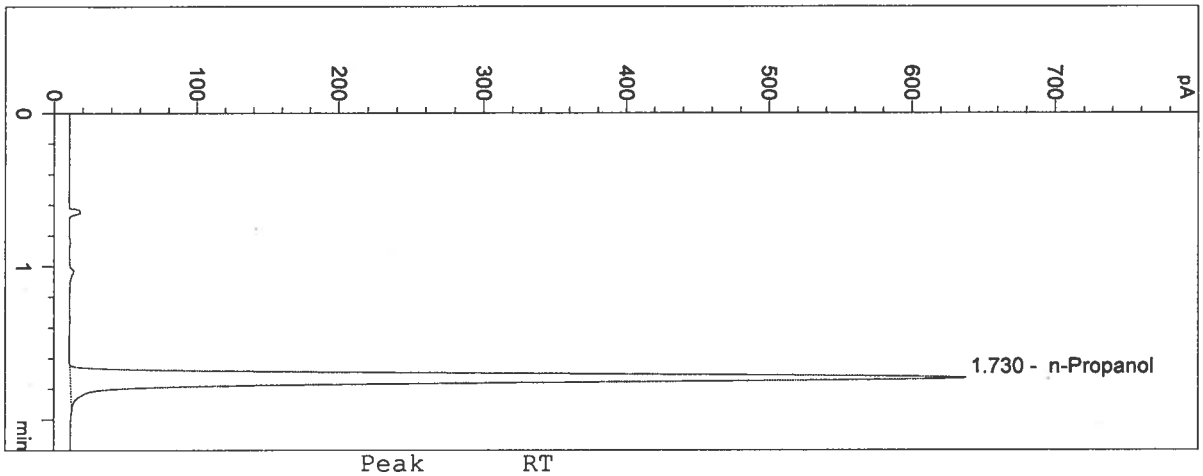


n-Propanol 0.012 g/100mL

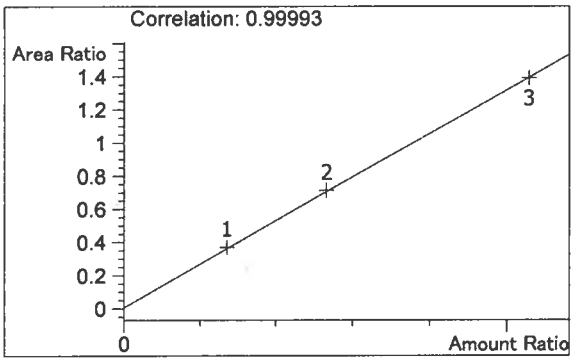
AL

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

Inj. Date: 6/27/2014 7:54:17 AM 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:

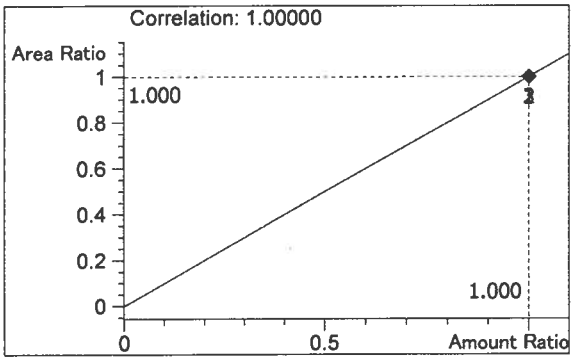


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2489	1.730



Ethanol 0.000 g/100mL

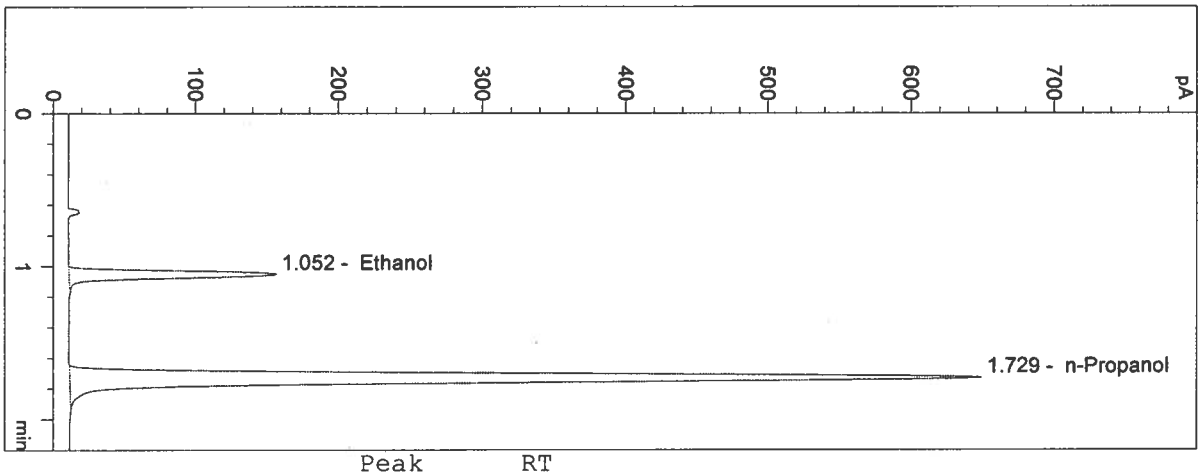
14021



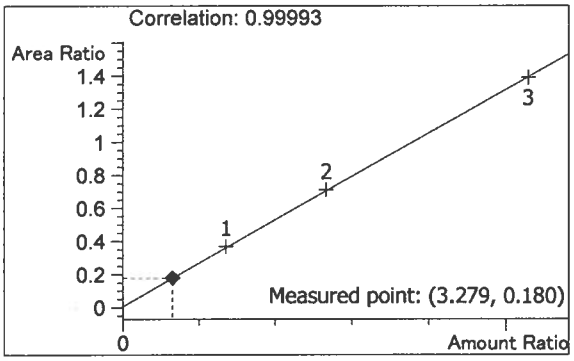
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/27/2014 7:57:31 AM 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:

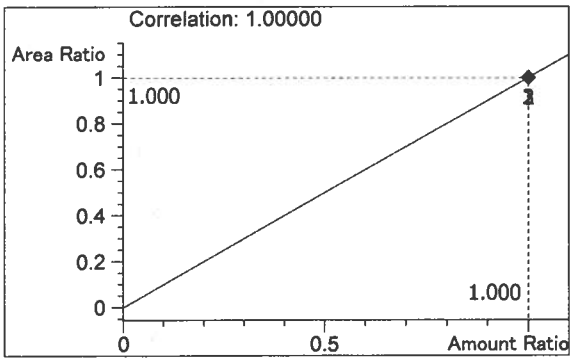


#	Compound	Peak Area	RT (min)
1	Ethanol	455	1.052
2	n-Propanol	2533	1.729



Ethanol 0.039 g/100mL

14021

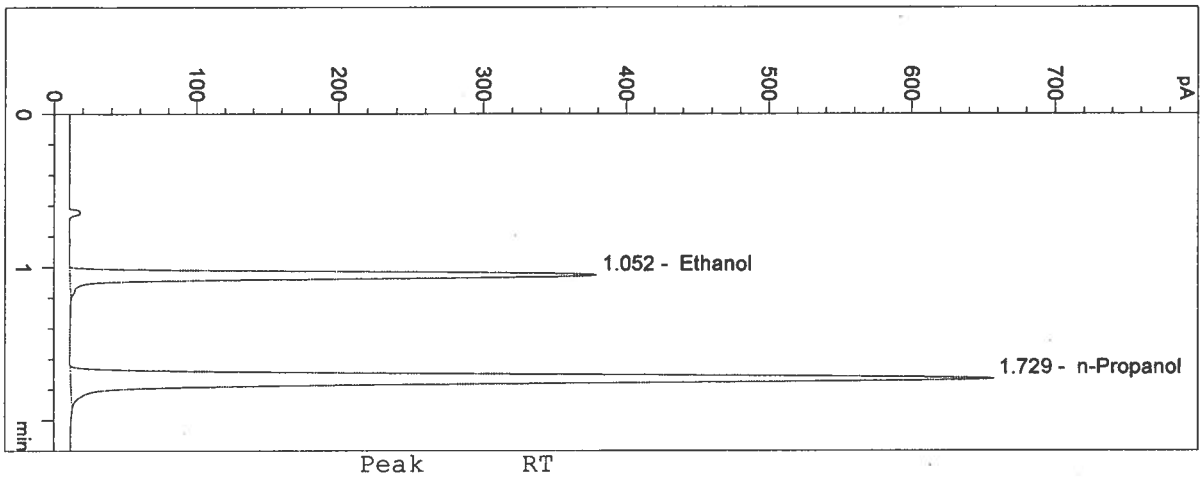


n-Propanol 0.012 g/100mL

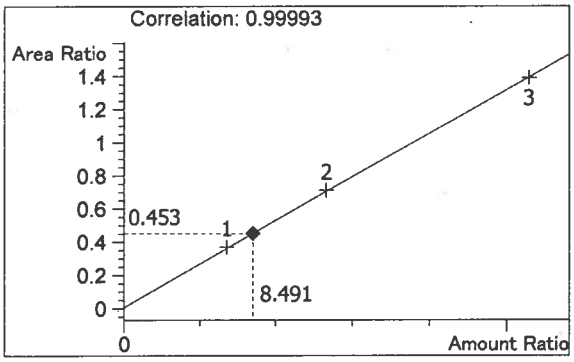
AL

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

Inj. Date: 6/27/2014 8:00:41 AM 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:

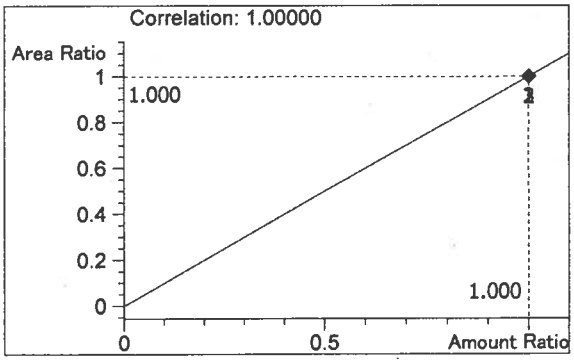


#	Compound	Peak Area	RT (min)
1	Ethanol	1161	1.052
2	n-Propanol	2562	1.729



Ethanol 0.102 g/100mL

14021

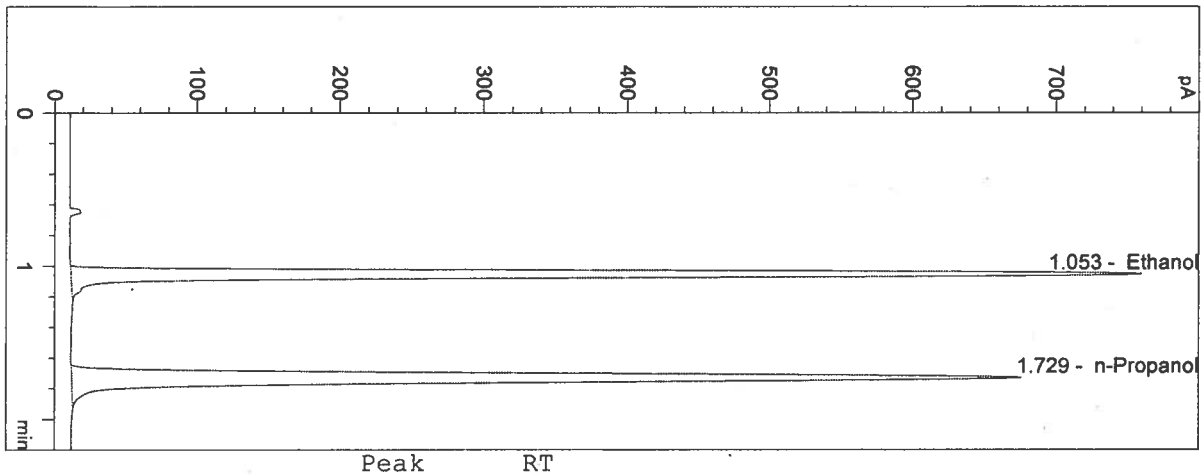


n-Propanol 0.012 g/100mL

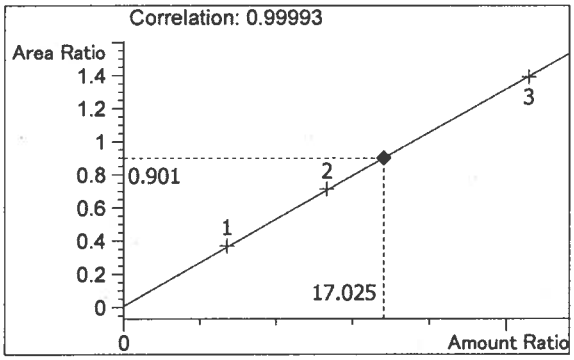
AL

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

Inj. Date: 6/27/2014 8:03:56 AM 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:

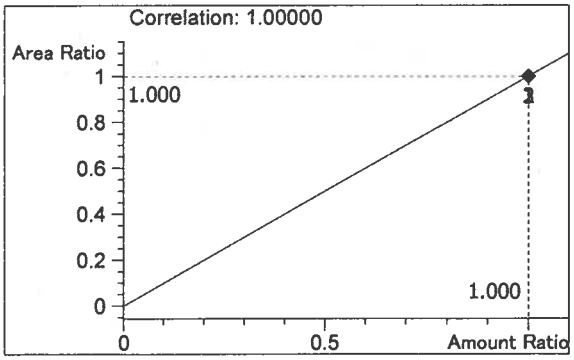


#	Compound	Peak Area	RT (min)
1	Ethanol	2370	1.053
2	n-Propanol	2632	1.729



Ethanol 0.204 g/100mL

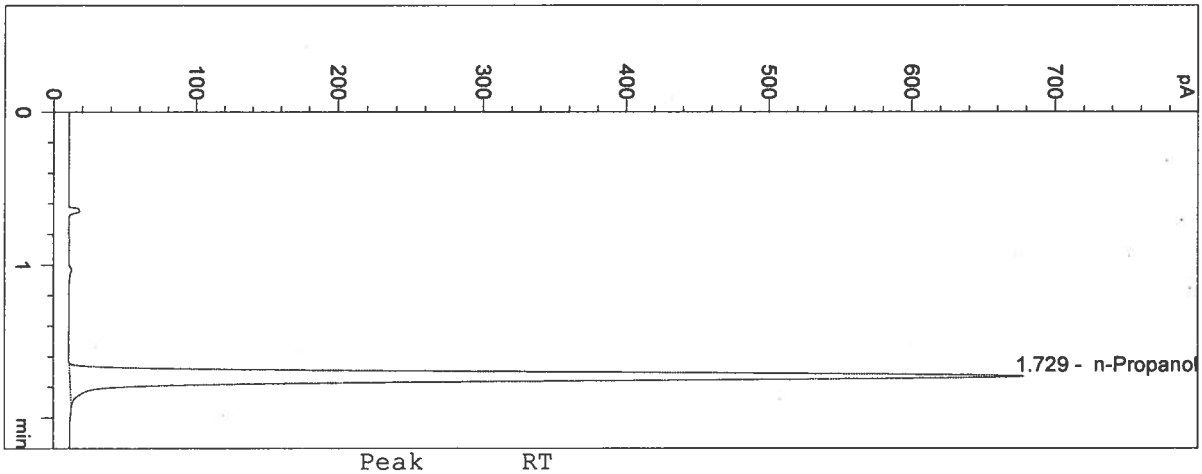
14021



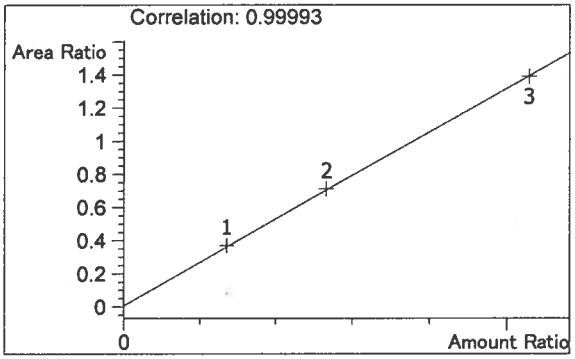
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/27/2014 8:07:10 AM 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:

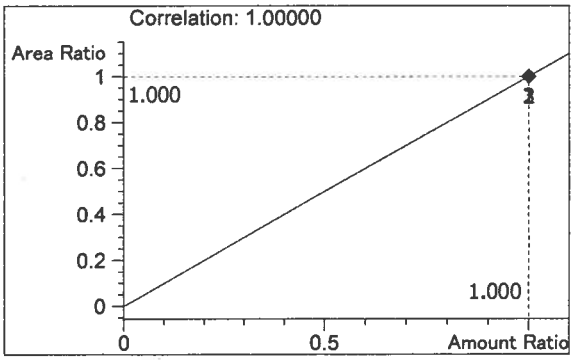


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2650	1.729



Ethanol 0.000 g/100mL

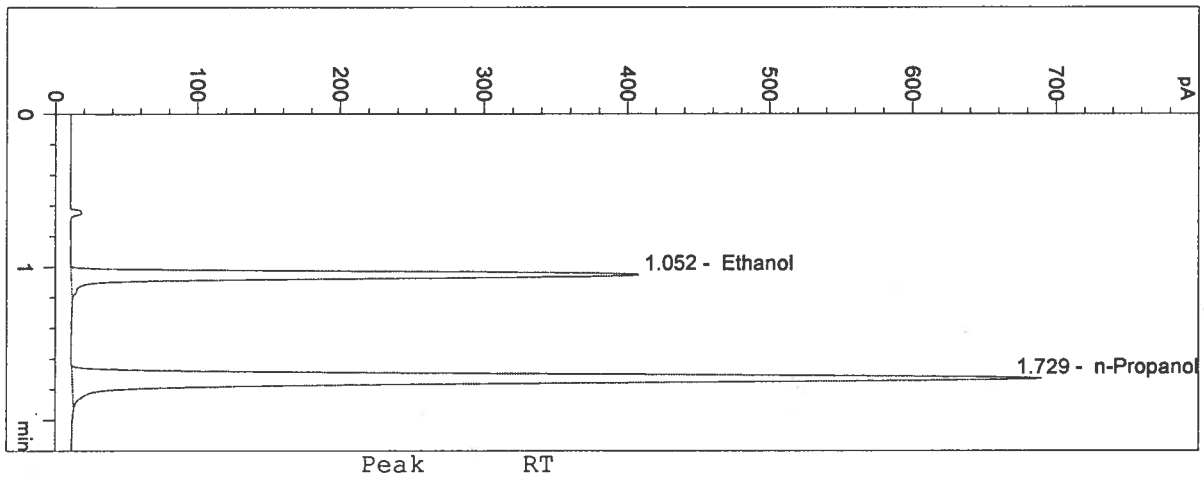
14021



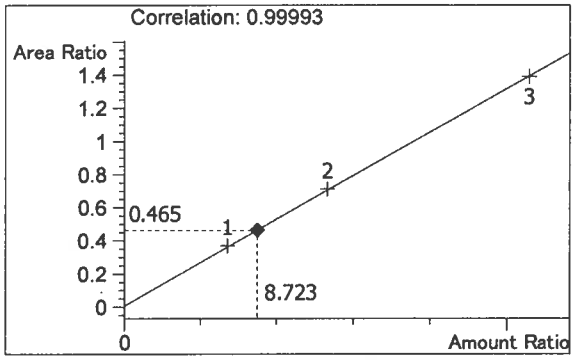
n-Propanol 0.012 g/100mL

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

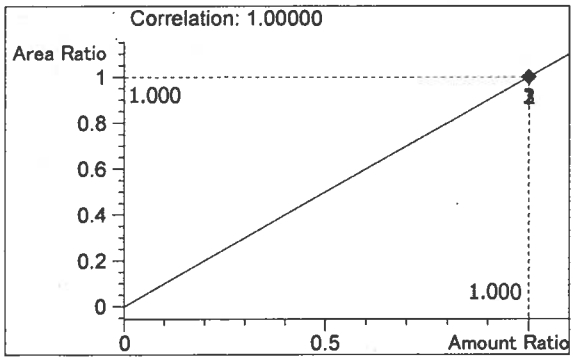
Inj. Date: 6/27/2014 8:10:24 AM Sample Name: 14021-1
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 10
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1251	1.052
2	n-Propanol	2688	1.729



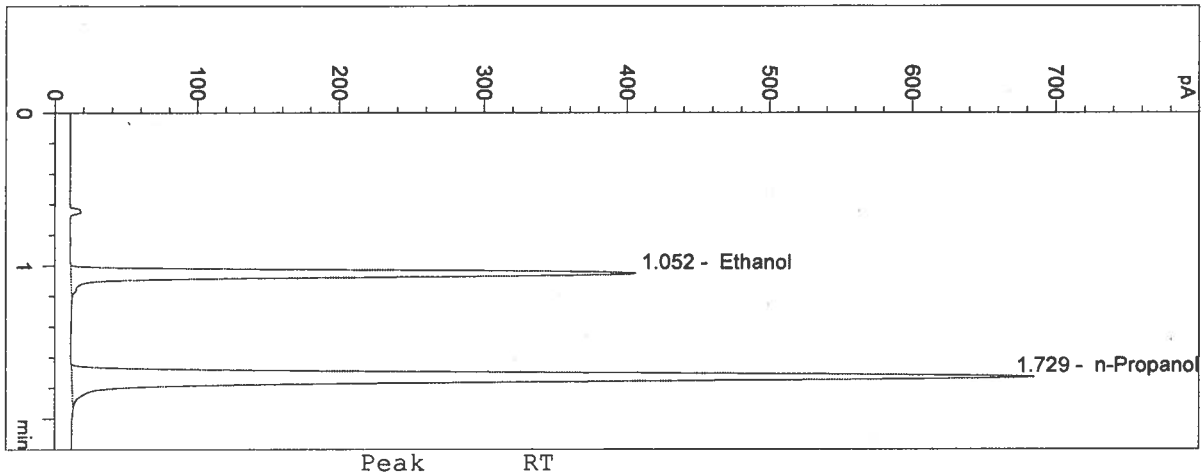
Ethanol 0.105 g/100mL



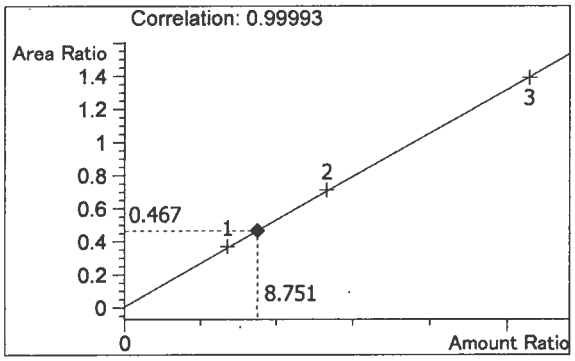
n-Propanol 0.012 g/100mL

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

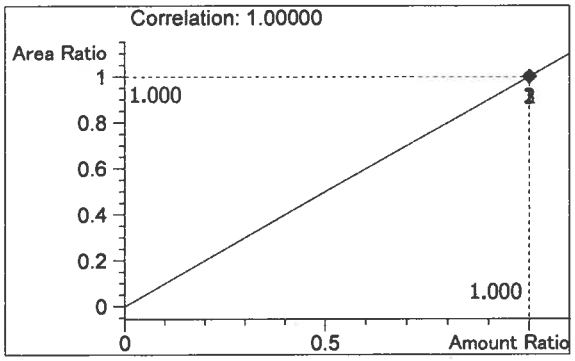
Inj. Date: 6/27/2014 8:13:37 AM Sample Name: 14021-2
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 11
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1246	1.052
2	n-Propanol	2670	1.729



Ethanol 0.105 g/100mL

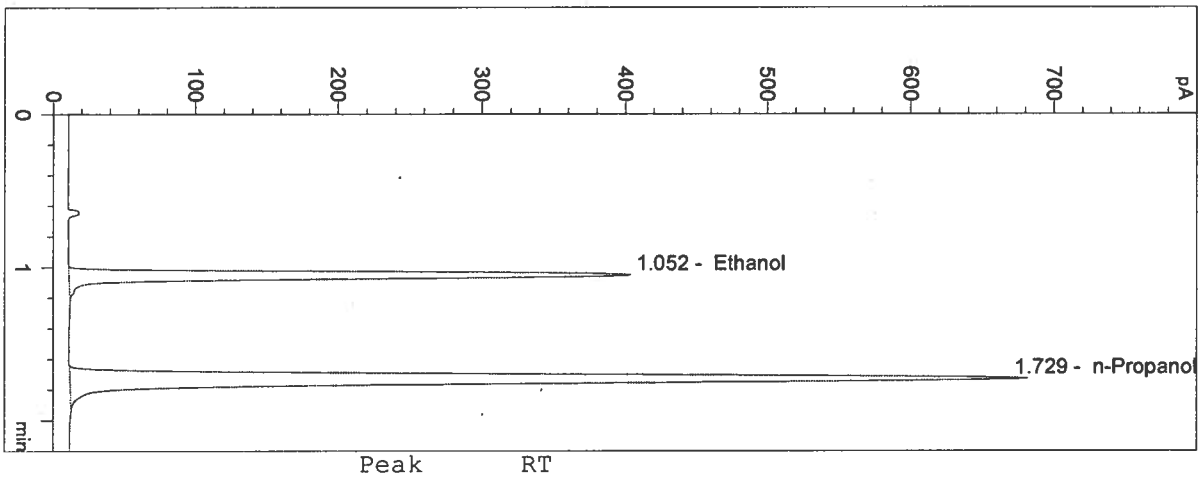


n-Propanol 0.012 g/100mL

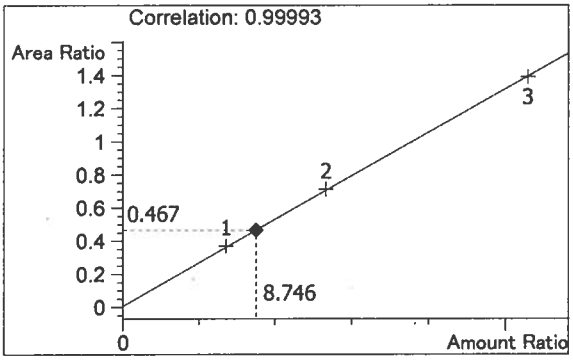
AC

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

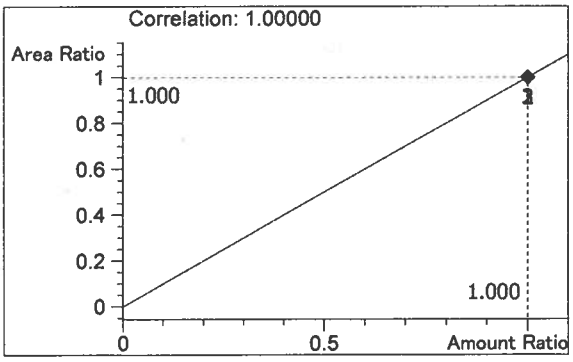
Inj. Date: 6/27/2014 8:16:50 AM Sample Name: 14021-3
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 12
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1238	1.052
2	n-Propanol	2655	1.729



Ethanol 0.105 g/100mL

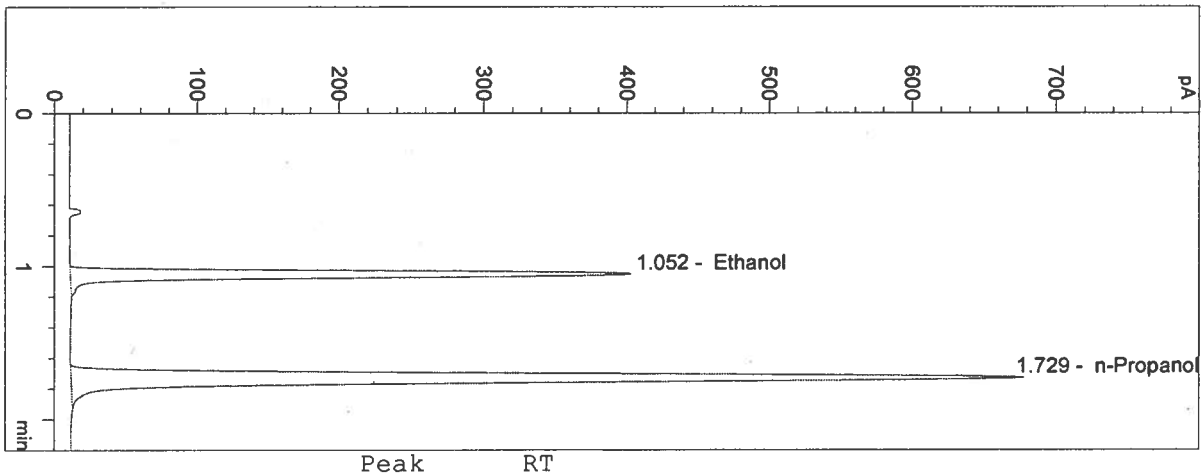


n-Propanol 0.012 g/100mL

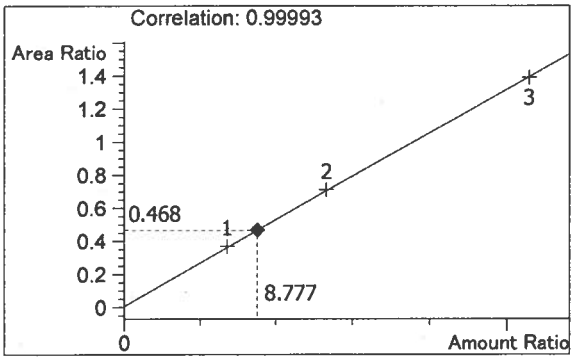
AL

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

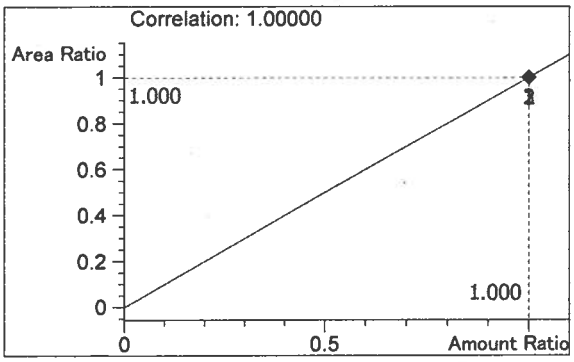
Inj. Date: 6/27/2014 8:20:04 AM Sample Name: 14021-4
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 13
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1237	1.052
2	n-Propanol	2642	1.729



Ethanol 0.105 g/100mL

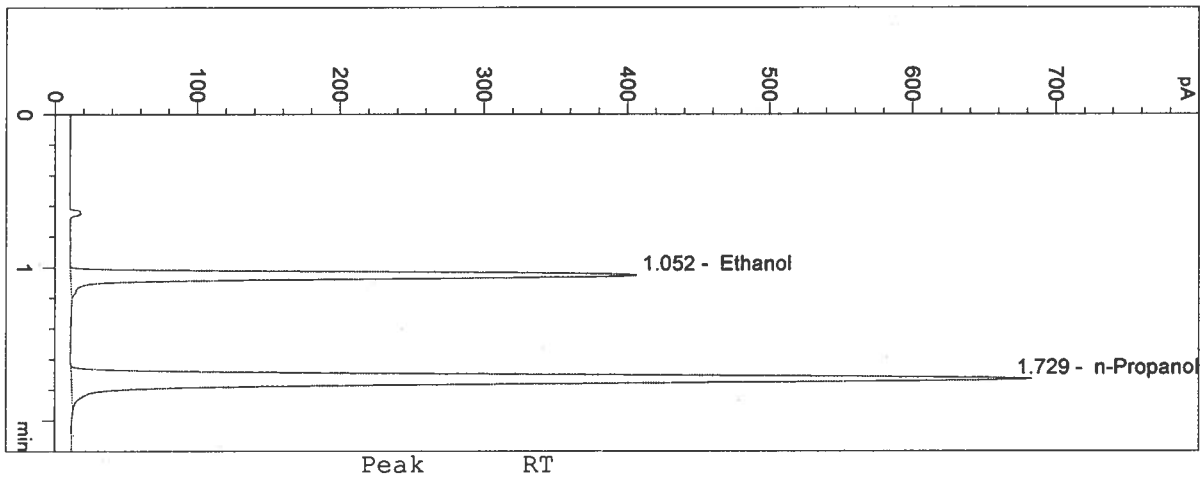


n-Propanol 0.012 g/100mL

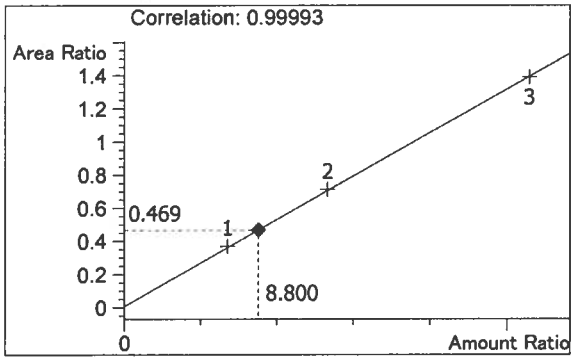
AL

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

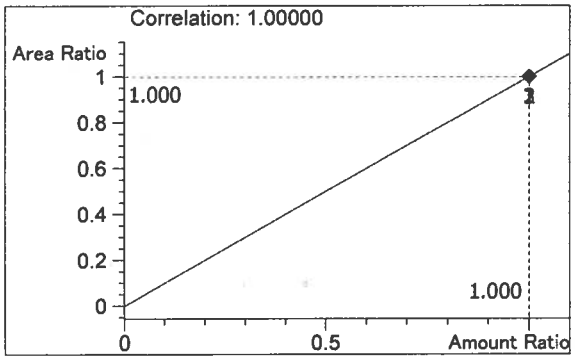
Inj. Date: 6/27/2014 8:23:17 AM Sample Name: 14021-5
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 14
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1248	1.052
2	n-Propanol	2659	1.729



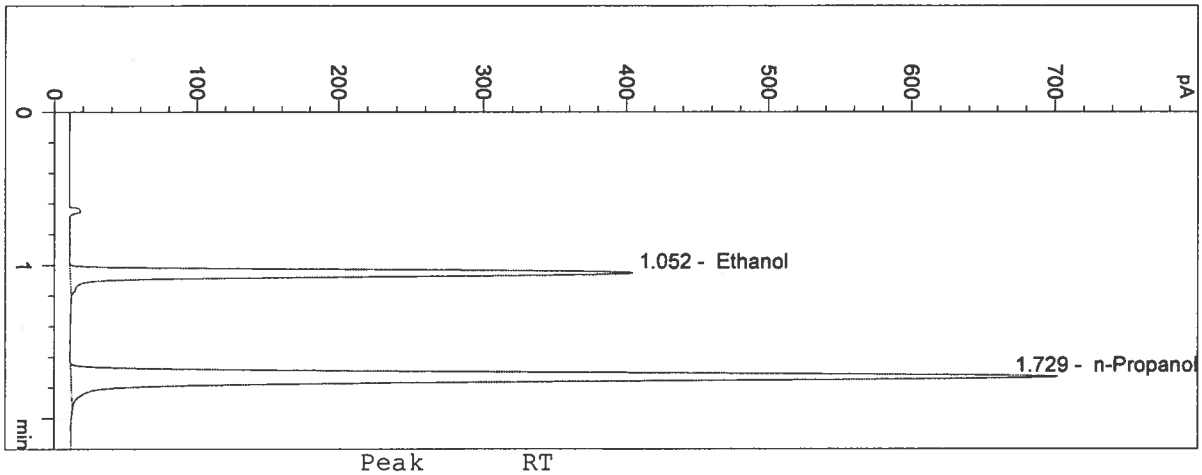
Ethanol 0.106 g/100mL



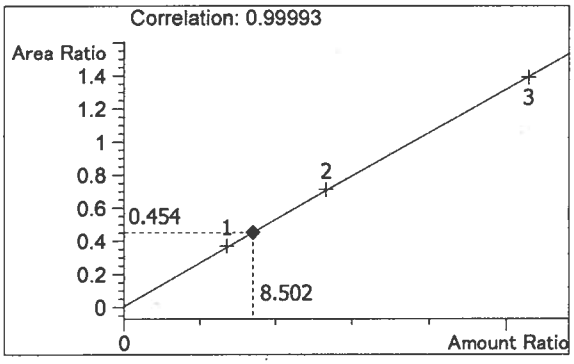
n-Propanol 0.012 g/100mL

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

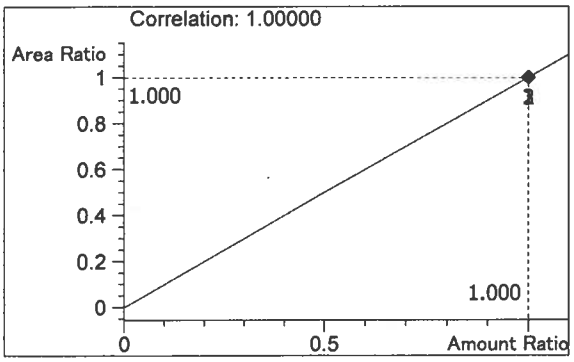
Inj. Date: 6/27/2014 8:26:31 AM Sample Name: ctrl 2 (0.10)
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 15
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1242	1.052
2	n-Propanol	2737	1.729



Ethanol 0.102 g/100mL



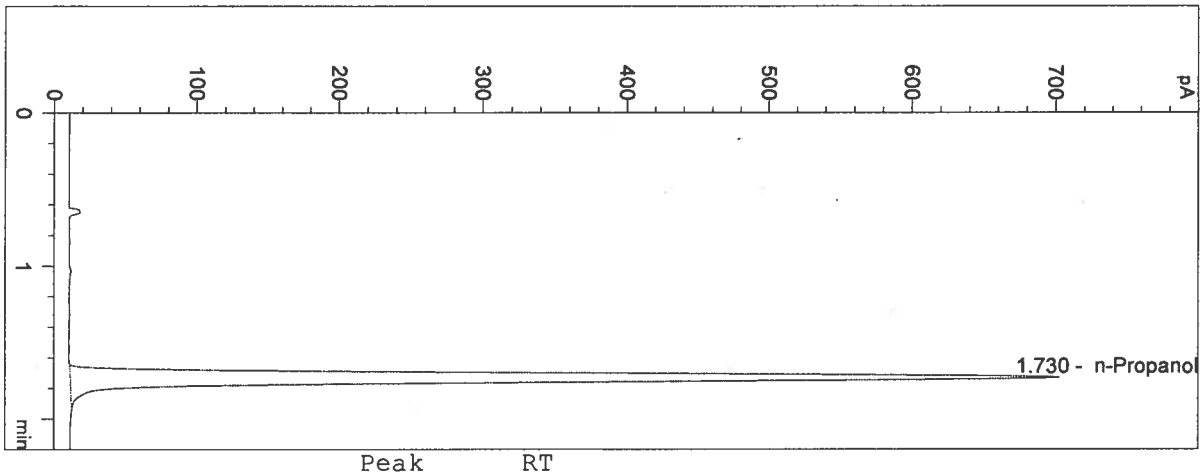
n-Propanol 0.012 g/100mL

14021

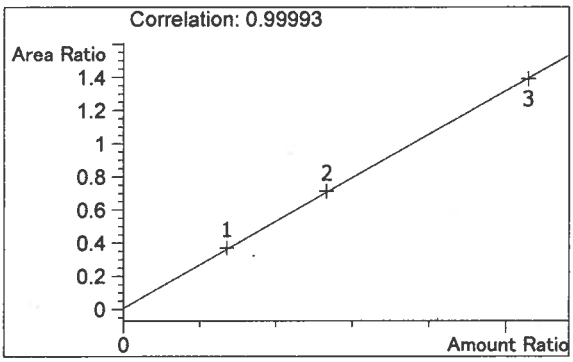
Data File: C:\CHEM32\1\DATA\140627AL\015F1501.D Page 1 of 1

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

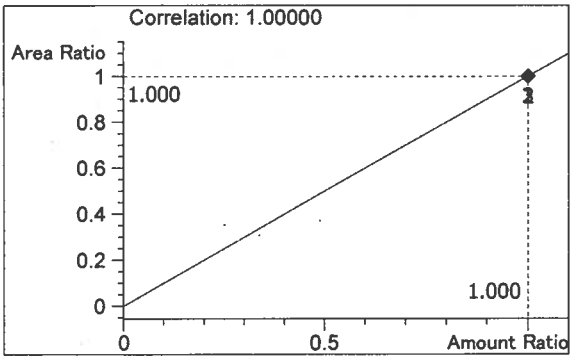
Inj. Date: 6/27/2014 8:29:42 AM Sample Name: neg ctrl
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 16
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2744	1.730



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14021

Data File: C:\CHEM32\1\DATA\140627AL\016F1601.D Page 1 of 1

Sequence Parameters:

Sequence : C:\CHEM32\1\SEQUENCE\AGQAP.S

Operator : Andrew Gingras

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

Data Subdirectory : 140701AG

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: E0414-01 - exp: 10/15/14
CAL 2: 0.158 g/100 mL - Lot: E0414-02 - exp: 10/15/14
CAL 3: 0.316 g/100 mL - Lot: E0414-03 - exp: 10/15/14

CTRL 1: 0.04 g/100 mL - Lot: FN05011301 - exp: 5/2018
CTRL 2: 0.10 g/100 mL - Lot: FN08051301 - exp: 10/2018
CTRL 3: 0.20 g/100 mL - Lot: FN100511-01 - exp: 10/2016

n-Propanol: Lot: P0514 - exp: 8/27/2014

14021
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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	
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp	

Sequence: C:\CHEM32\1\SEQUENCE\AGQAP.S

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
10	Vial 10	ESS 14021 #1	SIMALC1	1	Sample	
11	Vial 11	ESS 14021 #2	SIMALC1	1	Sample	
12	Vial 12	ESS 14021 #3	SIMALC1	1	Sample	
13	Vial 13	ESS 14021 #4	SIMALC1	1	Sample	
14	Vial 14	ESS 14021 #5	SIMALC1	1	Sample	
15	Vial 15	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp	
17	Vial 17	QAP 14022 #1	SIMALC1	1	Sample	
18	Vial 18	QAP 14022 #2	SIMALC1	1	Sample	
19	Vial 19	QAP 14022 #3	SIMALC1	1	Sample	
20	Vial 20	QAP 14022 #4	SIMALC1	1	Sample	
21	Vial 21	QAP 14022 #5	SIMALC1	1	Sample	
22	Vial 22	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp	
24	Vial 24	QAP 14023 #1	SIMALC1	1	Sample	
25	Vial 25	QAP 14023 #2	SIMALC1	1	Sample	
26	Vial 26	QAP 14023 #3	SIMALC1	1	Sample	
27	Vial 27	QAP 14023 #4	SIMALC1	1	Sample	
28	Vial 28	QAP 14023 #5	SIMALC1	1	Sample	
29	Vial 29	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
30	Vial 30	NEG CTRL	SIMALC1	1	Ctrl Samp	
31	Vial 31	QAP 14024#1	SIMALC1	1	Sample	
32	Vial 32	QAP 14024 #2	SIMALC1	1	Sample	
33	Vial 33	QAP 14024 #3	SIMALC1	1	Sample	
34	Vial 34	QAP 14024 #4	SIMALC1	1	Sample	
35	Vial 35	QAP 14024 #5	SIMALC1	1	Sample	
36	Vial 36	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp	

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Sequence: C:\CHEM32\1\SEQUENCE\AGQAP.S

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
38	Vial 38	QAP 14025 #1	SIMALC1	1	Sample	
39	Vial 39	QAP 14025 #2	SIMALC1	1	Sample	
40	Vial 40	QAP 14025 #3	SIMALC1	1	Sample	
41	Vial 41	QAP 14025 #4	SIMALC1	1	Sample	
42	Vial 42	QAP 14025 #5	SIMALC1	1	Sample	
43	Vial 43	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
44	Vial 44	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	

14021

Sequence Table (Back Injector):

14022

No entries - empty table!

14023

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Calibration Table

General Calibration Setting

Calib. Data Modified : Tuesday, July 01, 2014 9:49:47 AM

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

14021
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Signal Details

Signal 1: FID1 A,

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD	#	Compound
1.053	1	1	8.12400e-2	869.90173	9.33899e-5	No	No	1	Ethanol
		2	1.59860e-1	1704.49573	9.37873e-5				
		3	3.17330e-1	3392.47437	9.35394e-5				
1.730	1	1	1.20000e-2	2422.79736	4.95295e-6	No	Yes	1	n-Propanol

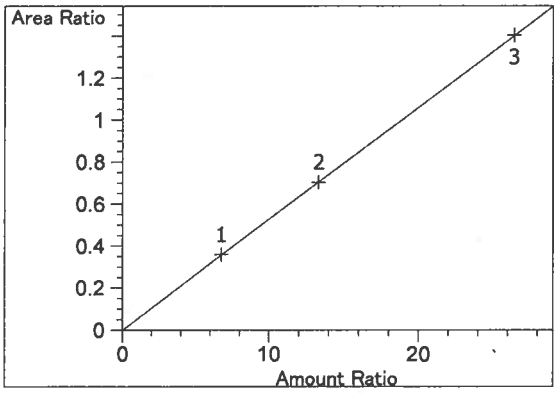
Method C:\CHEM32\1\METHODS\SIMALC1.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	2425.11523	4.94822e-6			
		3	1.20000e-2	2417.58057	4.96364e-6			

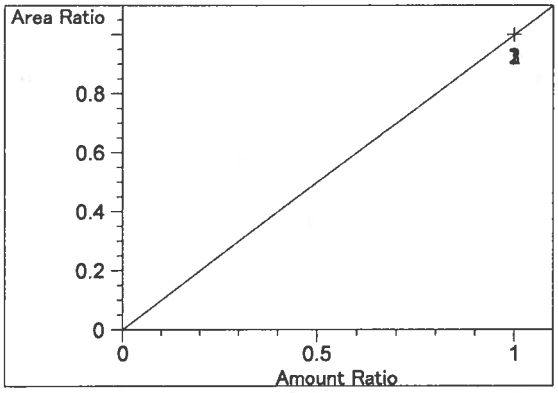
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.053
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00244
Formula: y = mx + b
m: 5.30493e-2
b: -8.85156e-4
x: Amount
y: Area



n-Propanol at exp. RT: 1.730
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

1402
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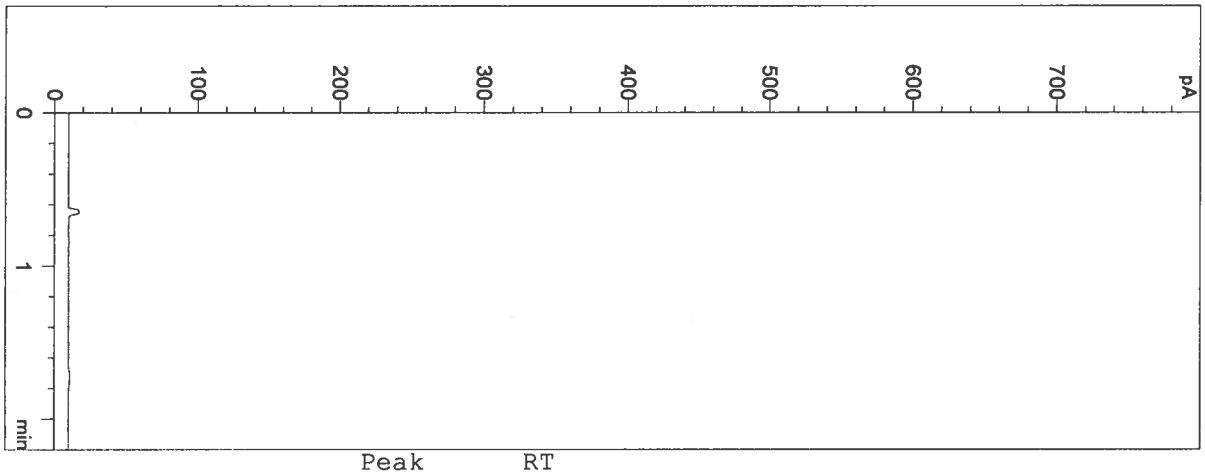
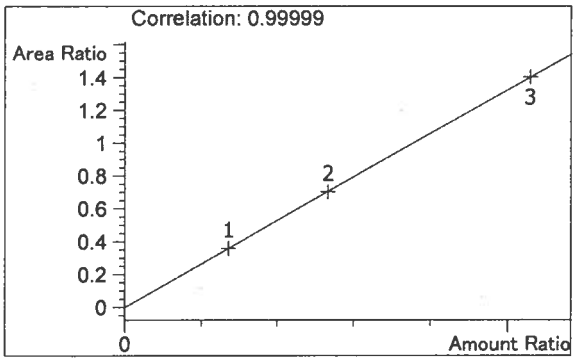
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

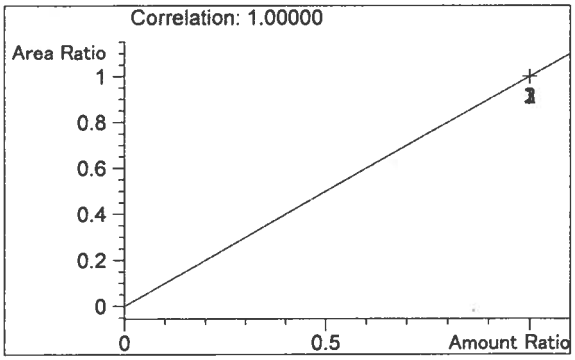
Inj. Date: 7/1/2014 9:37:42 AM Sample Name: BLANK
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

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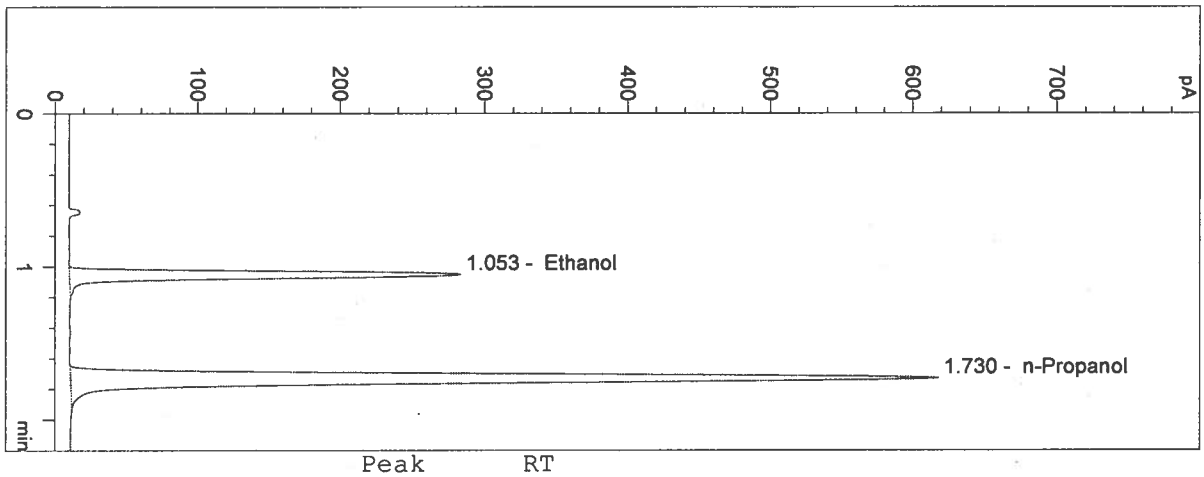
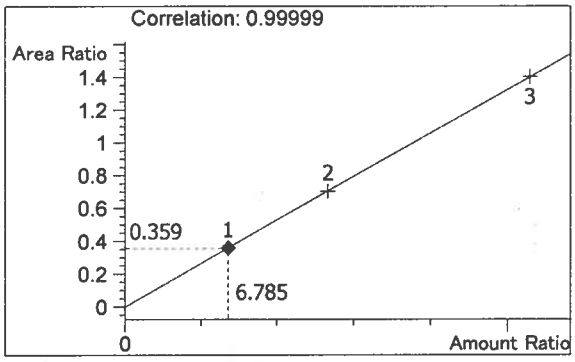
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

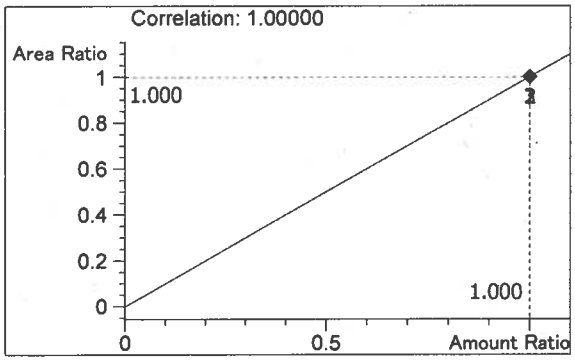
Inj. Date: 7/1/2014 9:41:01 AM Sample Name: CAL 1 (0.079)
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 2
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	870	1.053
2	n-Propanol	2423	1.730



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

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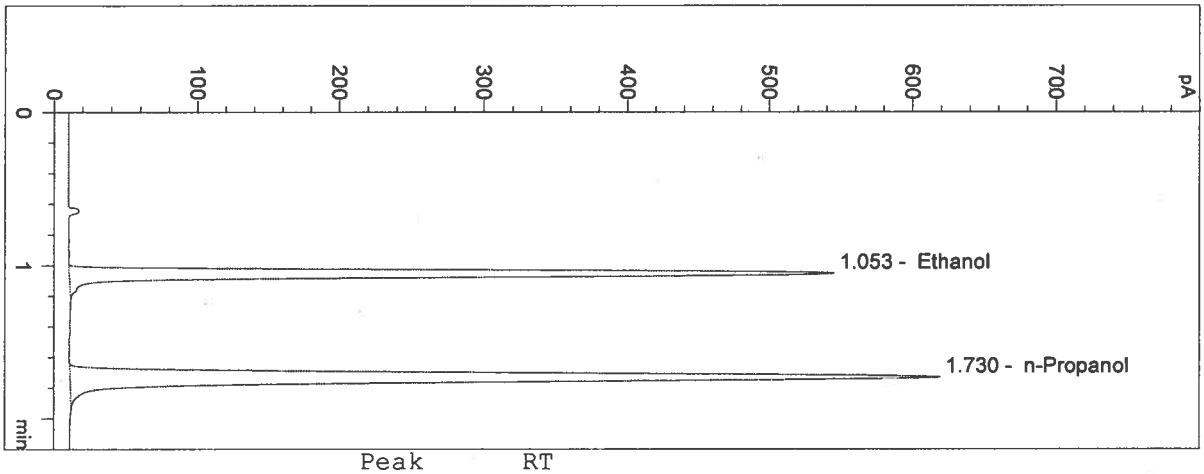
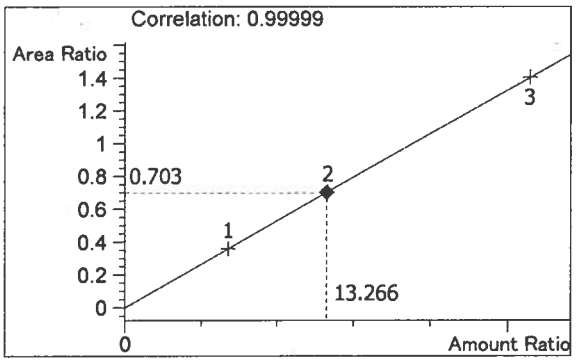
Data File: C:\CHEM32\1\DATA\140701AG\002F0201.D Page 1 of 1

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

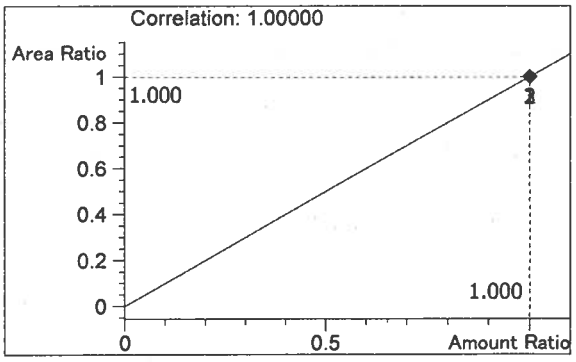
Inj. Date: 7/1/2014 9:44:18 AM Sample Name: CAL 2 (0.158)
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 3
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1704	1.053
2	n-Propanol	2425	1.730



Ethanol 0.159 g/100mL



n-Propanol 0.012 g/100mL

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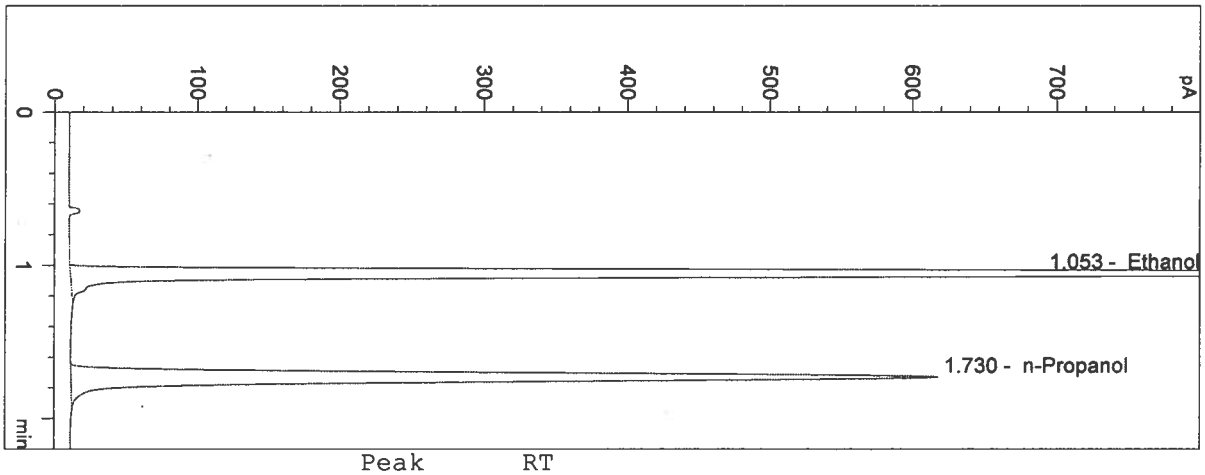
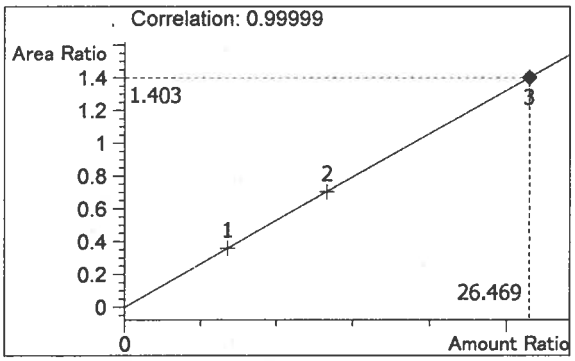
Data File: C:\CHEM32\1\DATA\140701AG\003F0301.D Page 1 of 1

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

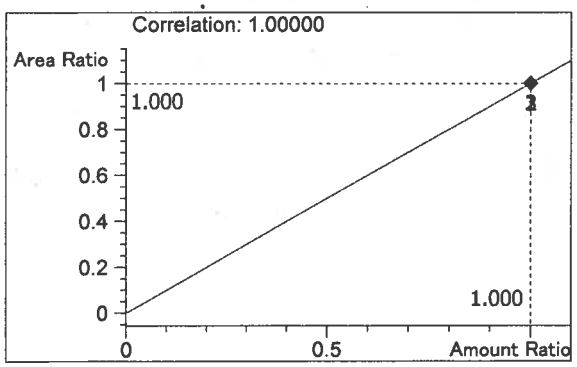
Inj. Date: 7/1/2014 9:47:35 AM Sample Name: CAL 3 (0.316)
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 4
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	3392	1.053
2	n-Propanol	2418	1.730



Ethanol 0.318 g/100mL



n-Propanol 0.012 g/100mL

14021
14022
14023
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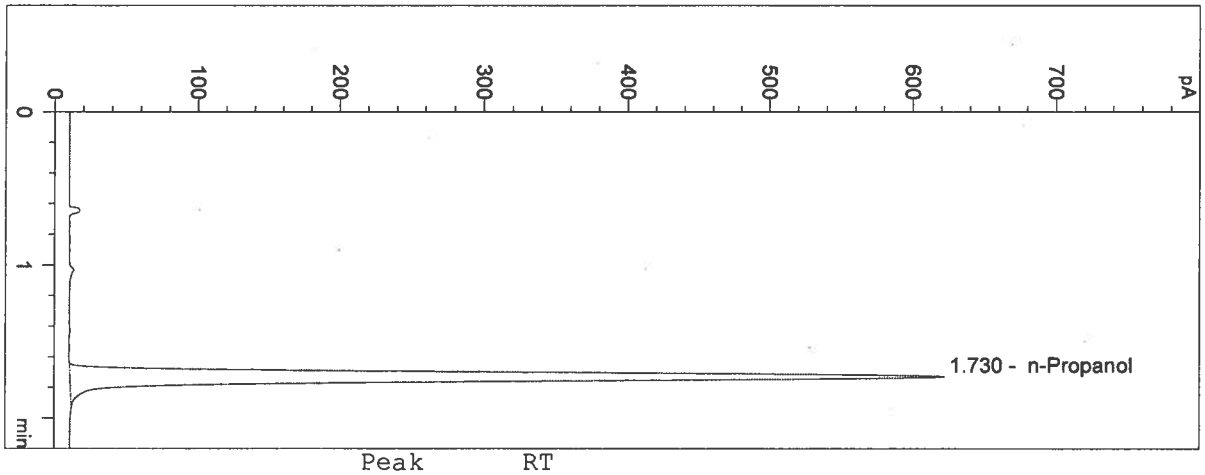
14025

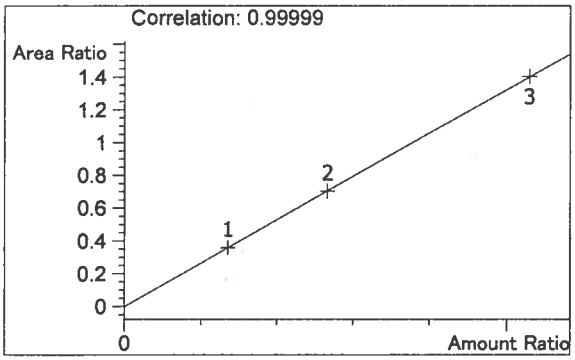
Data File: C:\CHEM32\1\DATA\140701AG\004F0401.D Page 1 of 1

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

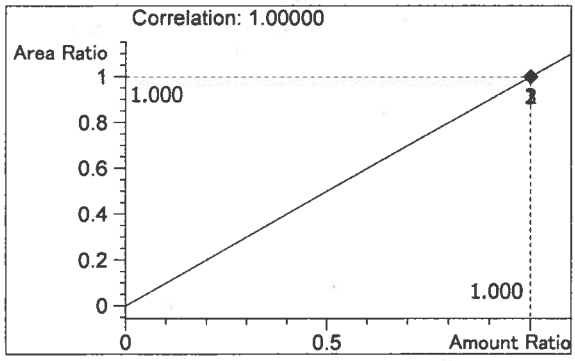
Inj. Date: 7/1/2014 9:50:48 AM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 5
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2440	1.730



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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14022
14023
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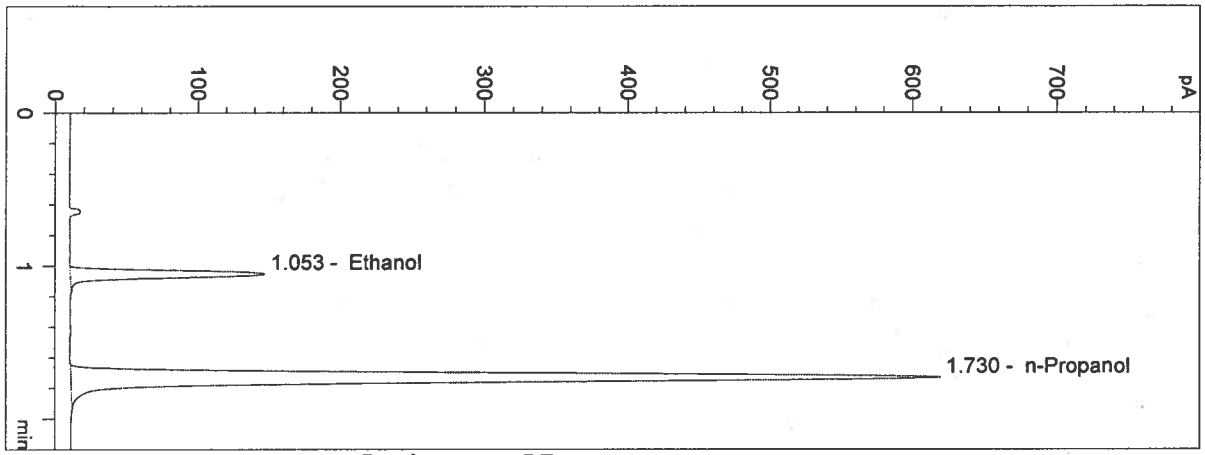
Data File: C:\CHEM32\1\DATA\140701AG\005F0501.D Page 1 of 1

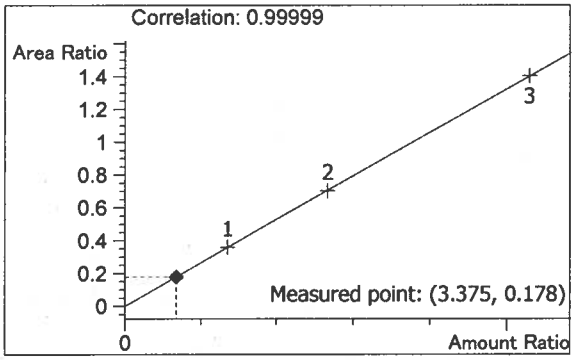
AG

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

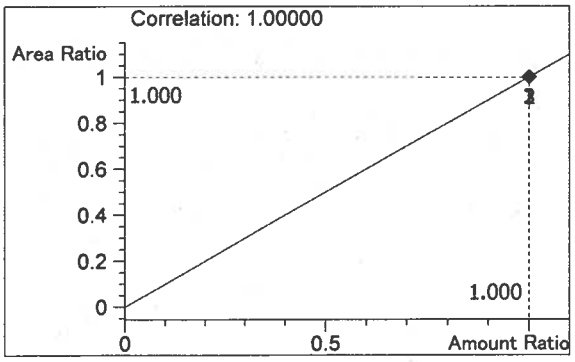
Inj. Date: 7/1/2014 9:54:00 AM Sample Name: CTRL 1 (0.04)
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 6
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	433	1.053
2	n-Propanol	2428	1.730



Ethanol 0.040 g/100mL



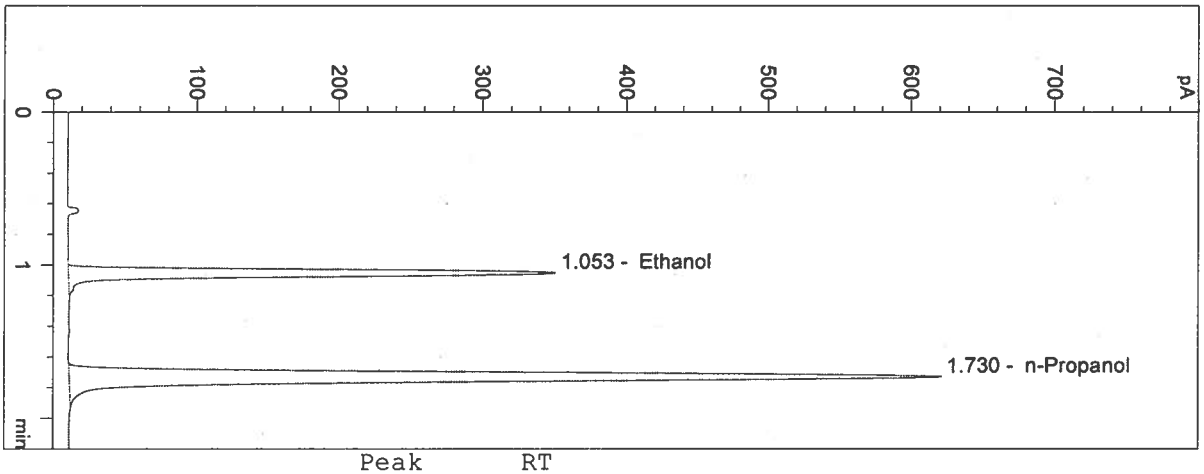
n-Propanol 0.012 g/100mL

14021
14022
14023
14024
14025

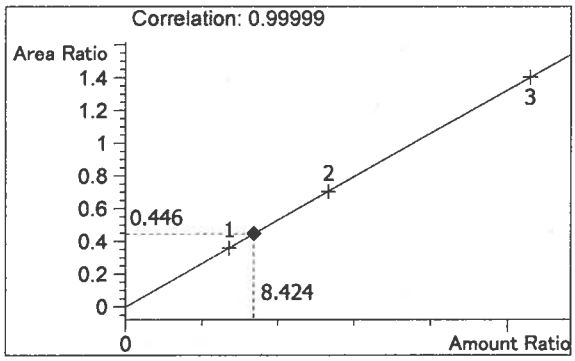
Data File: C:\CHEM32\1\DATA\140701AG\006F0601.D Page 1 of 1

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

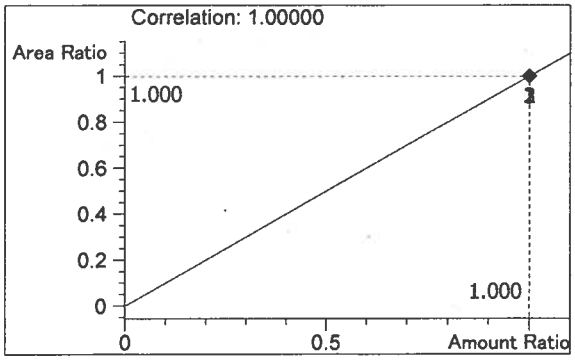
Inj. Date: 7/1/2014 9:57:14 AM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 7
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1087	1.053
2	n-Propanol	2438	1.730



Ethanol 0.101 g/100mL



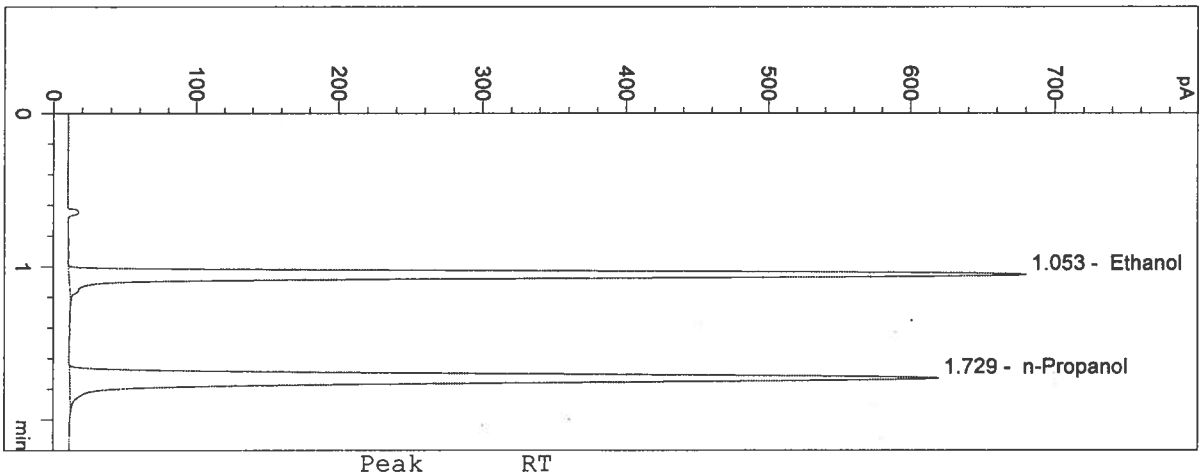
n-Propanol 0.012 g/100mL

14021
14022
14023
14024
14025

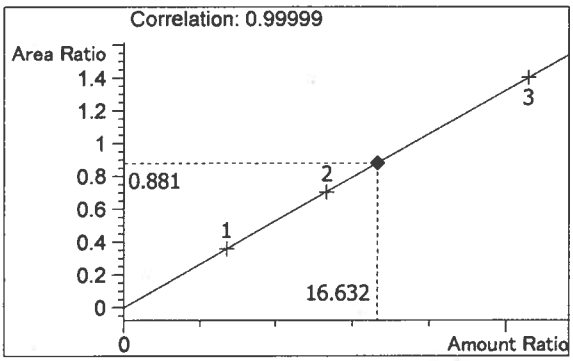
Data File: C:\CHEM32\1\DATA\140701AG\007F0701.D Page 1 of 1

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

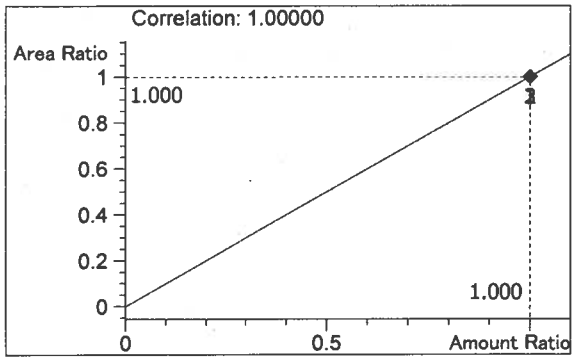
Inj. Date: 7/1/2014 10:00:27 AM Sample Name: CTRL 3 (0.20)
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 8
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2142	1.053
2	n-Propanol	2430	1.729



Ethanol 0.200 g/100mL



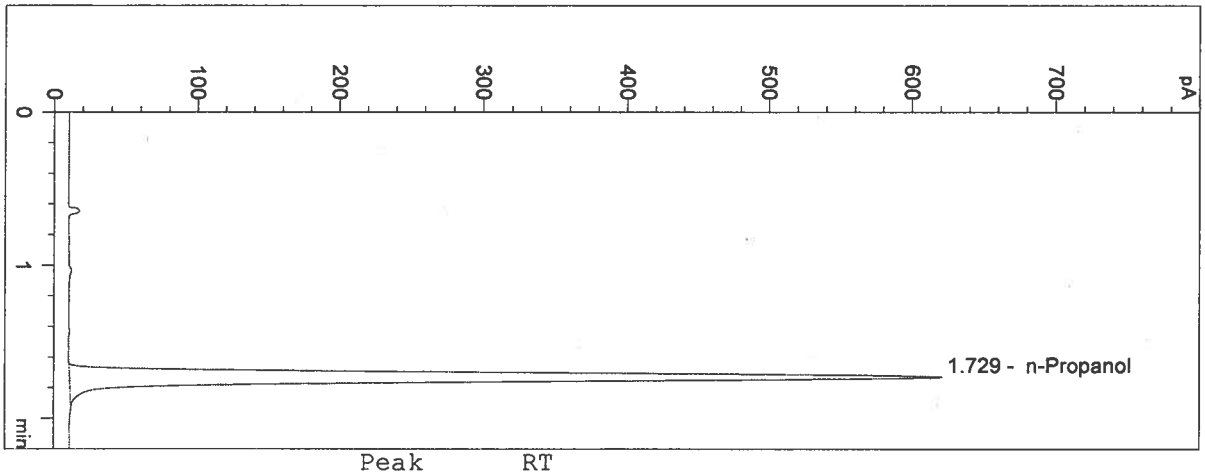
n-Propanol 0.012 g/100mL

14021
14022
14023
14024
14025

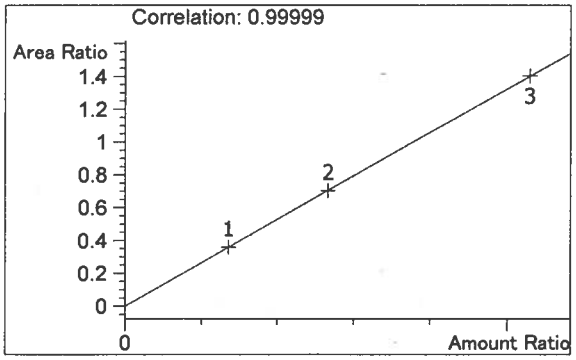
Data File: C:\CHEM32\1\DATA\140701AG\008F0801.D

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

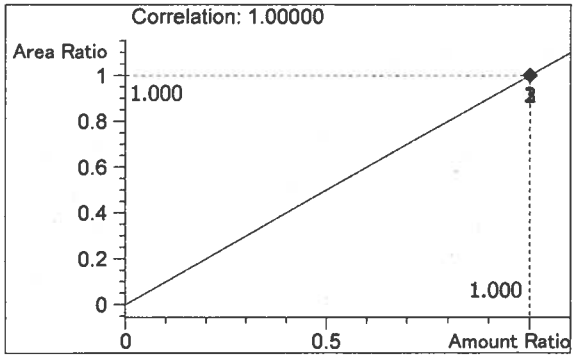
Inj. Date: 7/1/2014 10:03:42 AM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 9
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2445	1.729



Ethanol 0.000 g/100mL



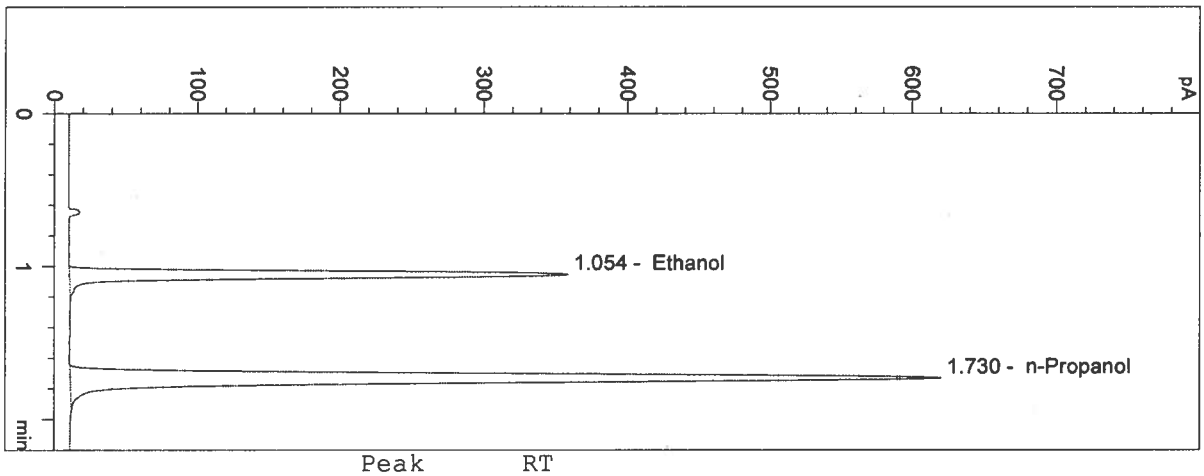
n-Propanol 0.012 g/100mL

14021
14022
14023
14024
14025

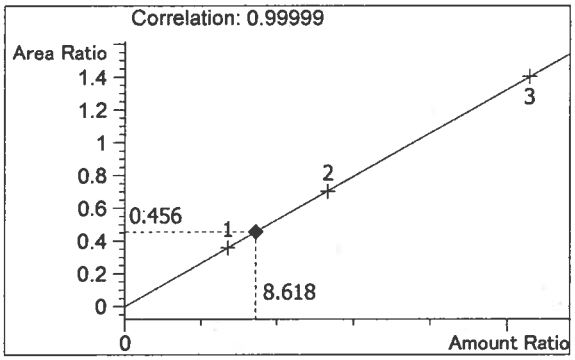
Data File: C:\CHEM32\1\DATA\140701AG\009F0901.D Page 1 of 1

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

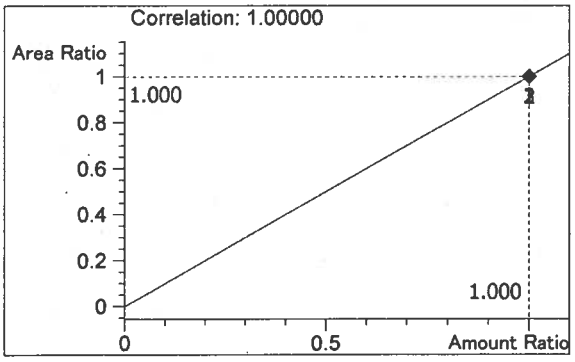
Inj. Date: 7/1/2014 10:06:54 AM Sample Name: ESS 14021 #1
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 10
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.054
2	n-Propanol	2428	1.730



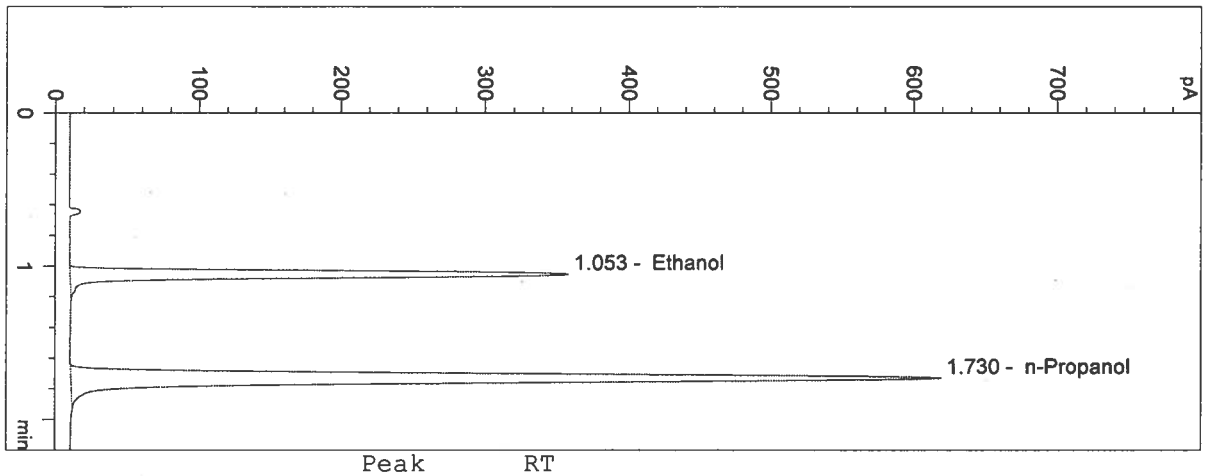
Ethanol 0.103 g/100mL



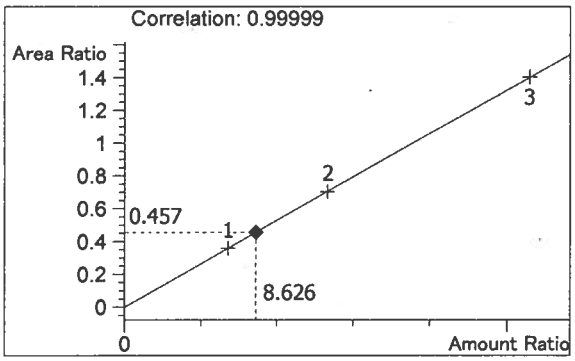
n-Propanol 0.012 g/100mL

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

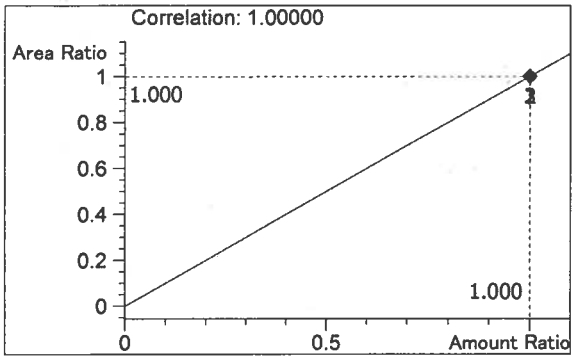
Inj. Date: 7/1/2014 10:10:08 AM Sample Name: ESS 14021 #2
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 11
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.053
2	n-Propanol	2423	1.730



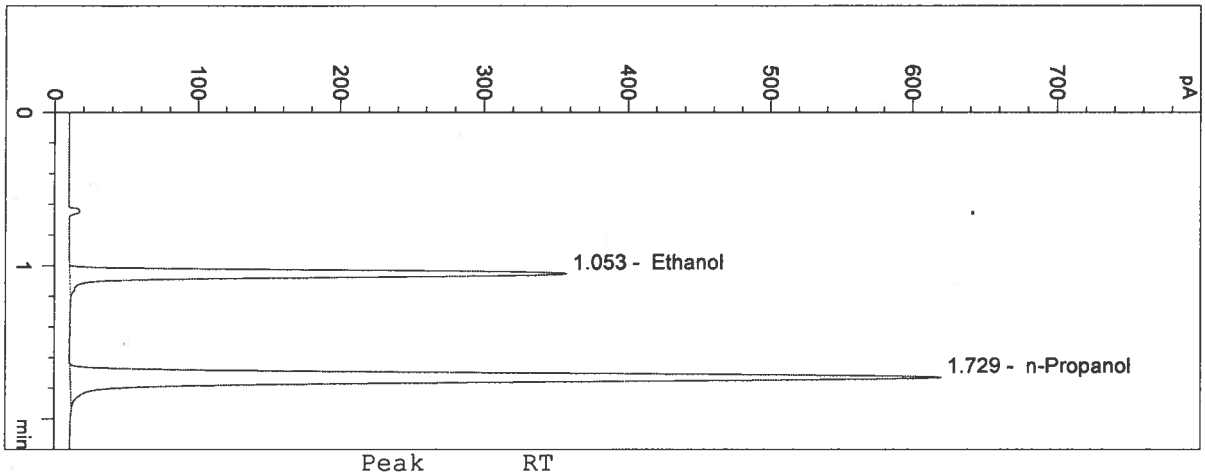
Ethanol 0.104 g/100mL



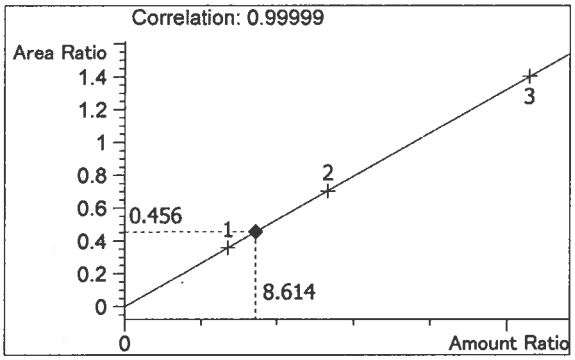
n-Propanol 0.012 g/100mL

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

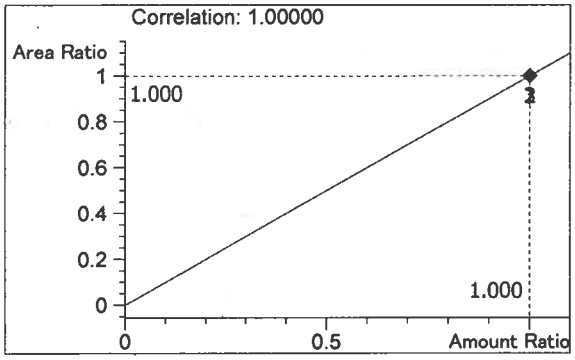
Inj. Date: 7/1/2014 10:13:21 AM Sample Name: ESS 14021 #3
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 12
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1109	1.053
2	n-Propanol	2431	1.729



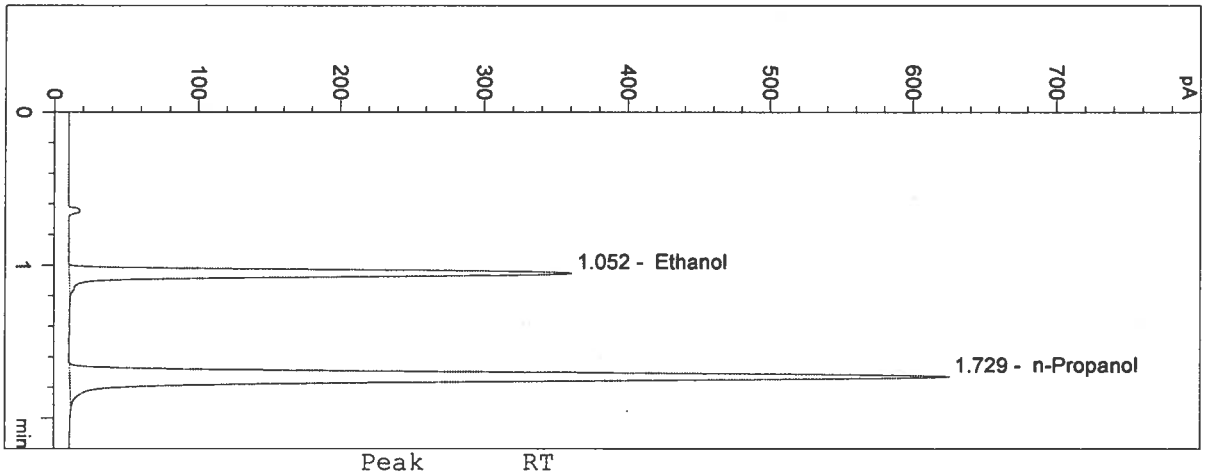
Ethanol 0.103 g/100mL



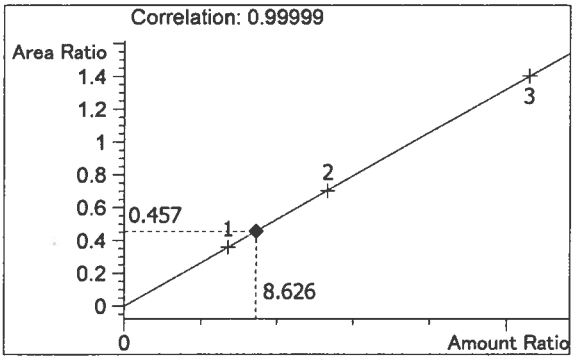
n-Propanol 0.012 g/100mL

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

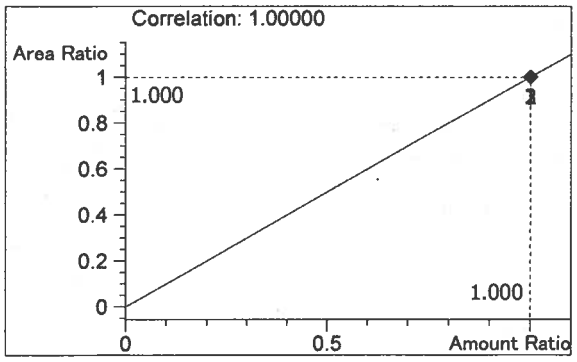
Inj. Date: 7/1/2014 10:16:33 AM Sample Name: ESS 14021 #4
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 13
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1120	1.052
2	n-Propanol	2452	1.729



Ethanol 0.104 g/100mL

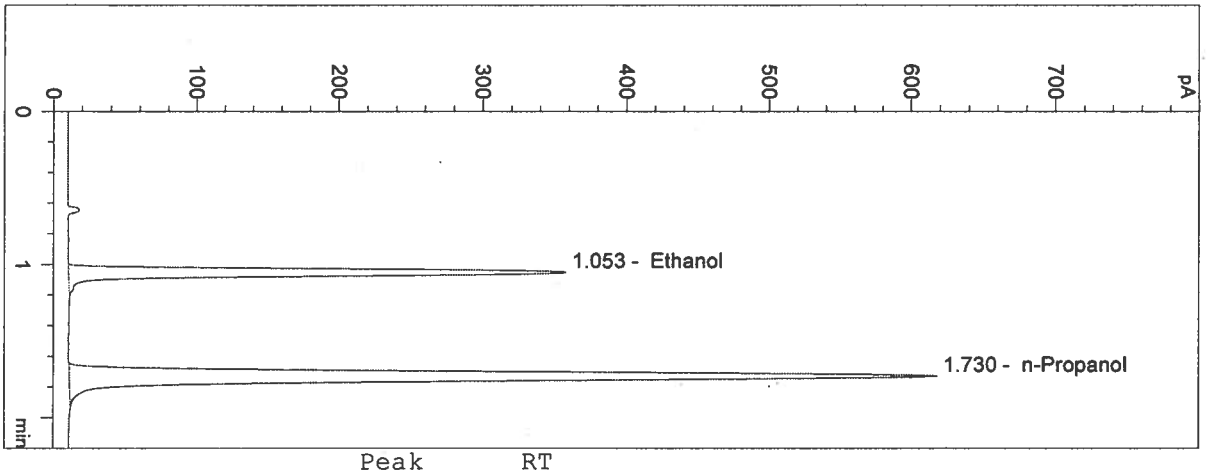


n-Propanol 0.012 g/100mL

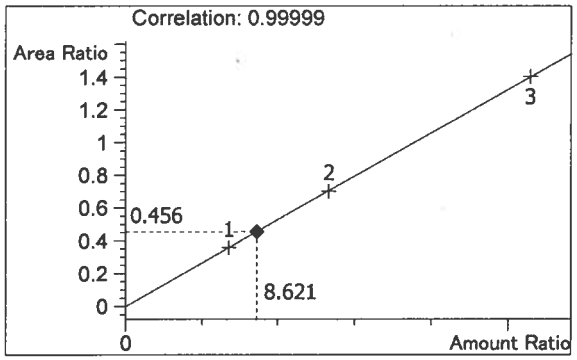
Data File: C:\CHEM32\1\DATA\140701AG\013F1301.D

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

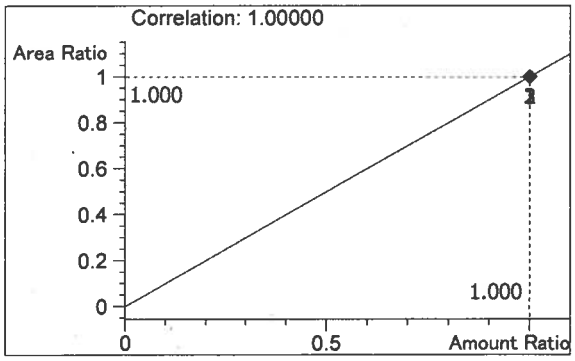
Inj. Date: 7/1/2014 10:19:48 AM Sample Name: ESS 14021 #5
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 14
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1105	1.053
2	n-Propanol	2421	1.730



Ethanol 0.103 g/100mL

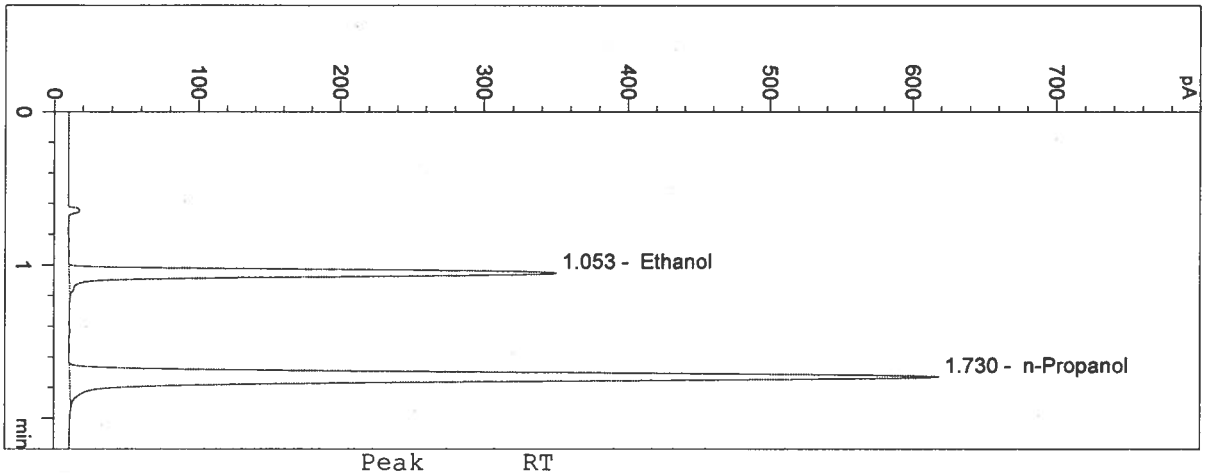


n-Propanol 0.012 g/100mL

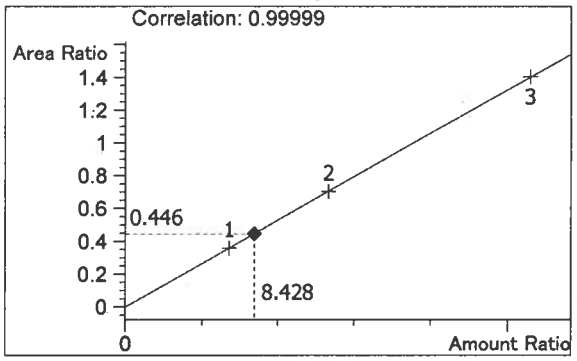
Data File: C:\CHEM32\1\DATA\140701AG\014F1401.D

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

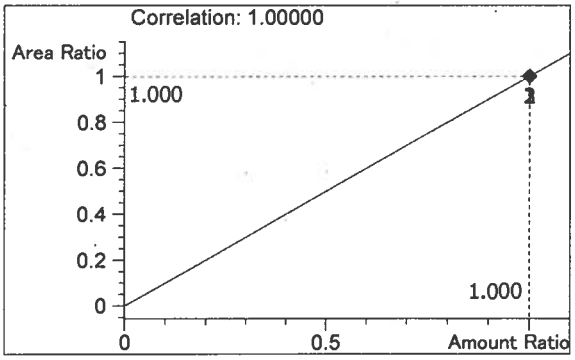
Inj. Date: 7/1/2014 10:23:02 AM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 15
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1081	1.053
2	n-Propanol	2423	1.730



Ethanol 0.101 g/100mL



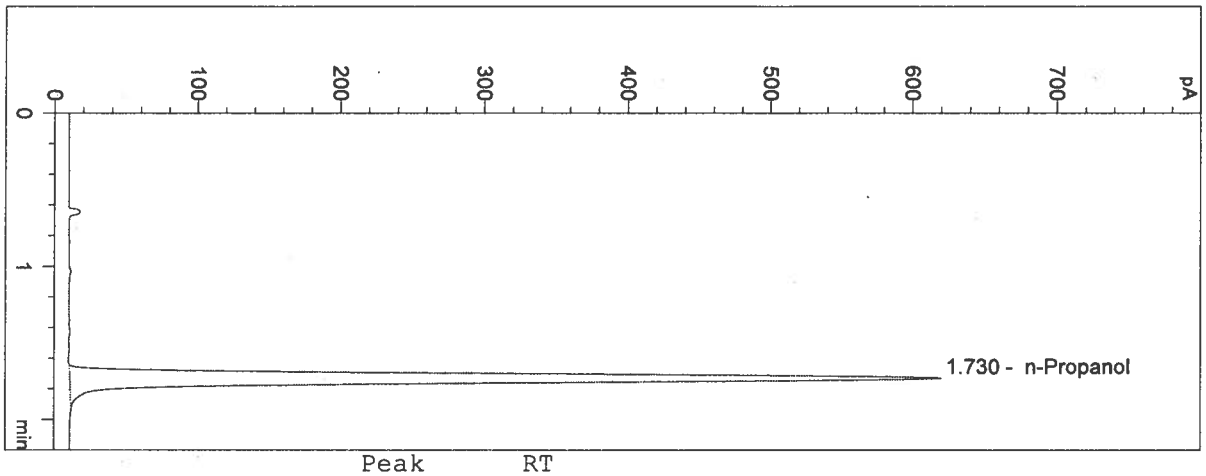
n-Propanol 0.012 g/100mL

14021

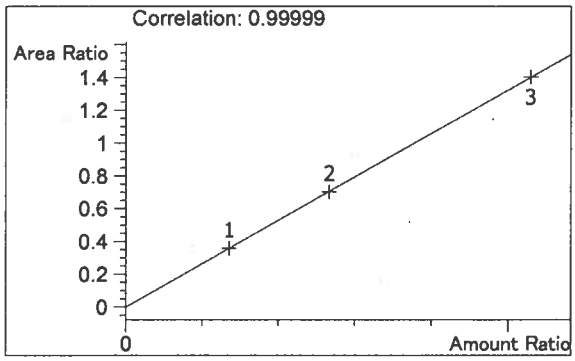
Data File: C:\CHEM32\1\DATA\140701AG\015F1501.D Page 1 of 1

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

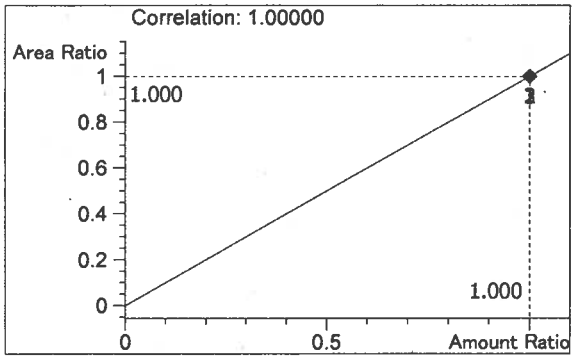
Inj. Date: 7/1/2014 10:26:15 AM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 16
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2432	1.730



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14021

Data File: C:\CHEM32\1\DATA\140701AG\016F1601.D Page 1 of 1

Sequence Parameters:

Sequence : C:\CHEM32\1\SEQUENCE\CMESS.S

Operator : Christie Mitchell-Mata

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

Data Subdirectory : 140703CM

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: E0414-01 - exp: 10/15/14
CAL 2: 0.158 g/100 mL - Lot: E0414-02 - exp: 10/15/14
CAL 3: 0.316 g/100 mL - Lot: E0414-03 - exp: 10/15/14
CTRL 1: 0.04 g/100 mL - Lot: FN05011301 - exp: 5/2018
CTRL 2: 0.10 g/100 mL - Lot: FN08051301 - exp: 10/2018
CTRL 3: 0.20 g/100 mL - Lot: FN100511-01 - exp: 10/2016
n-Propanol: Lot: P0514 - exp: 8/27/2014

14021

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	
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp	
10	Vial 10	14021-1	SIMALC1	1	Sample	

CM

Sequence: C:\CHEM32\1\SEQUENCE\CMESS.S

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
11	Vial 11	14021-2	SIMALC1	1	Sample	
12	Vial 12	14021-3	SIMALC1	1	Sample	
13	Vial 13	14021-4	SIMALC1	1	Sample	
14	Vial 14	14021-5	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!

14021

Calibration Table

General Calibration Setting

Calib. Data Modified : Thursday, July 03, 2014 9:35:37 AM

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

14021

Signal Details

Signal 1: FID1 A,

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD	#	Compound
1.053	1	1	8.12400e-2	857.65326	9.47236e-5	No	No	1	Ethanol
		2	1.59860e-1	1702.30359	9.39080e-5				
		3	3.17330e-1	3374.83203	9.40284e-5				
1.730	1	1	1.20000e-2	2396.53467	5.00723e-6	No	Yes	1	n-Propanol

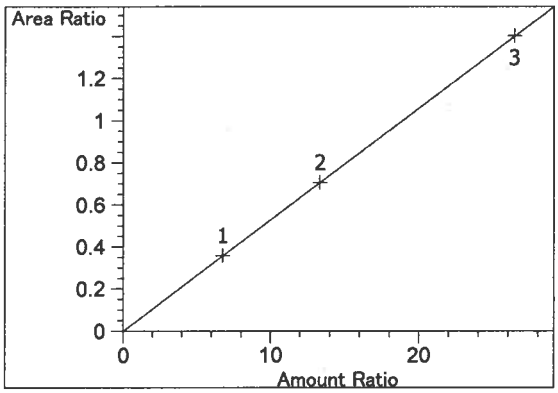
Method C:\CHEM32\1\METHODS\SIMALC1.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD	#	Compound
		2	1.20000e-2	2414.39795	4.97018e-6				
		3	1.20000e-2	2408.16699	4.98304e-6				

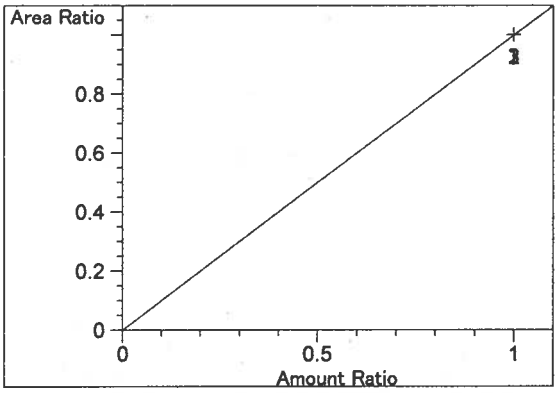
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.053
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00064
Formula: y = mx + b
m: 5.30026e-2
b: -5.42946e-4
x: Amount
y: Area

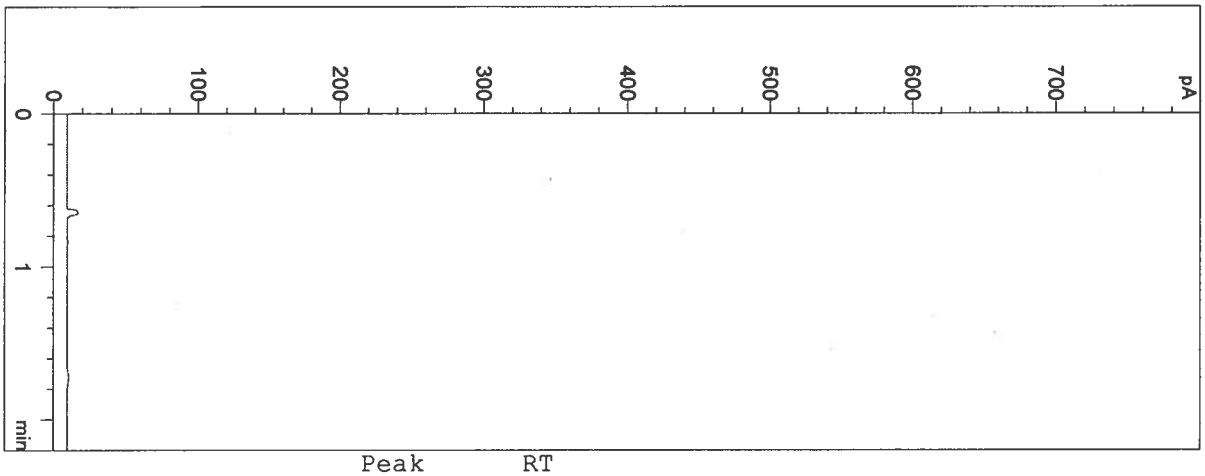


n-Propanol at exp. RT: 1.730
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

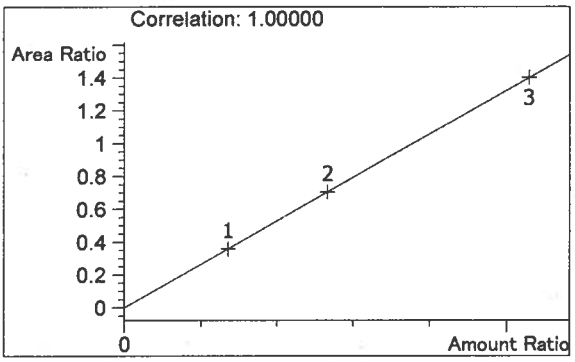
14021

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

Inj. Date: 7/3/2014 9:23:31 AM Sample Name: BLANK
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

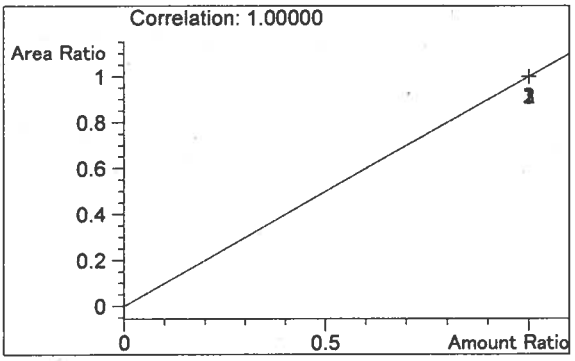


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14021

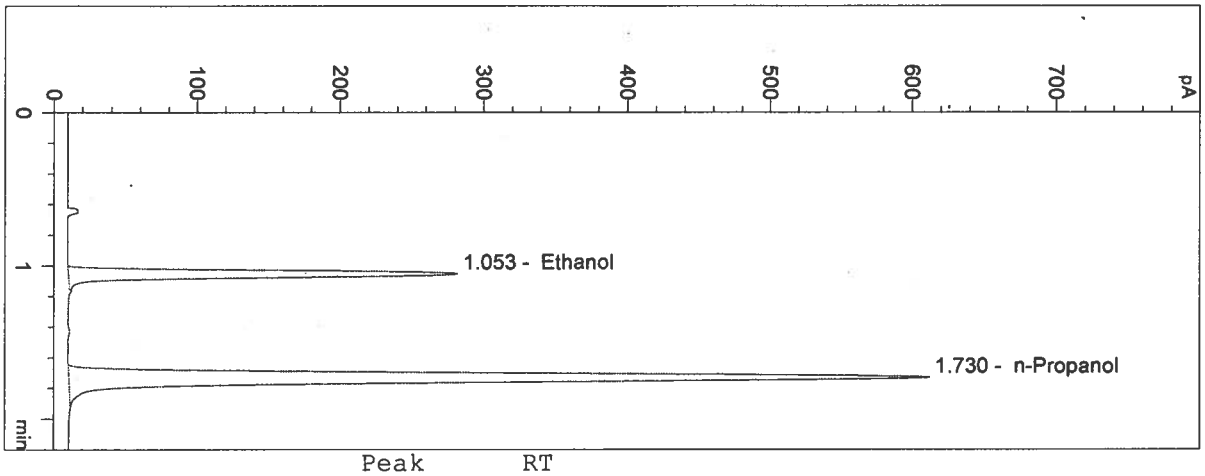


n-Propanol 0.000 g/100mL

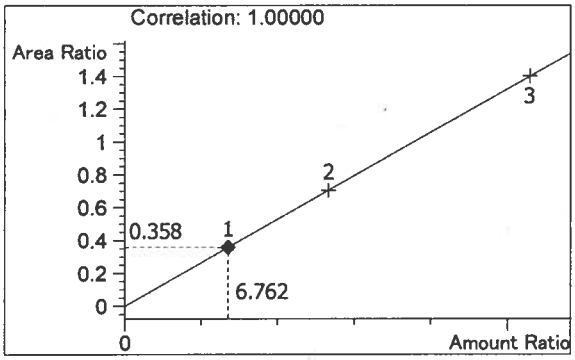
CM

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

Inj. Date: 7/3/2014 9:26:51 AM Sample Name: CAL 1 (0.079)
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 2
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

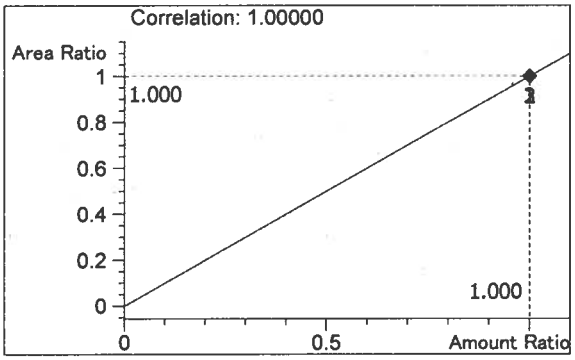


#	Compound	Peak Area	RT (min)
1	Ethanol	858	1.053
2	n-Propanol	2397	1.730



Ethanol 0.081 g/100mL

14021



n-Propanol 0.012 g/100mL

M

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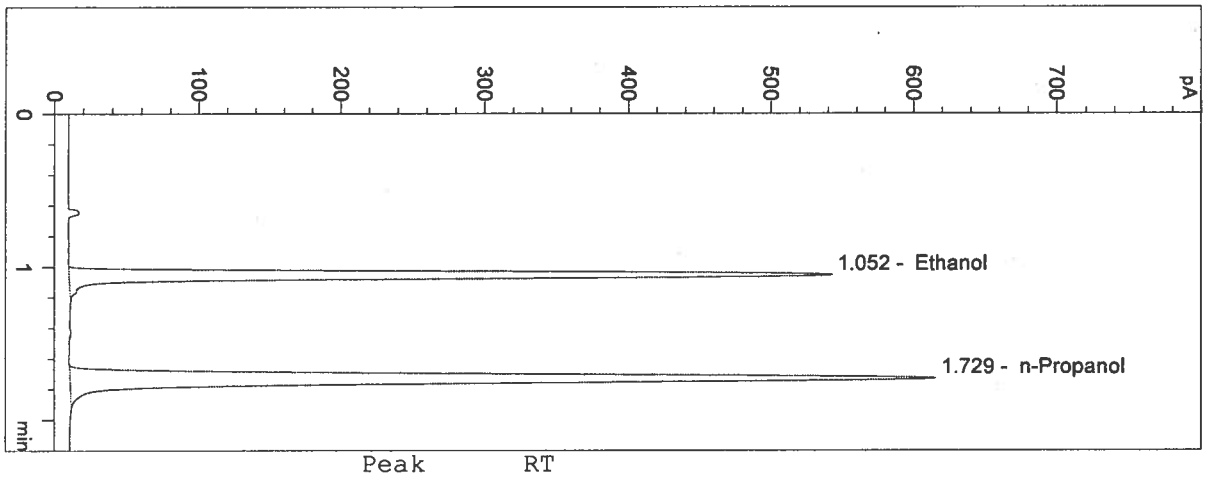
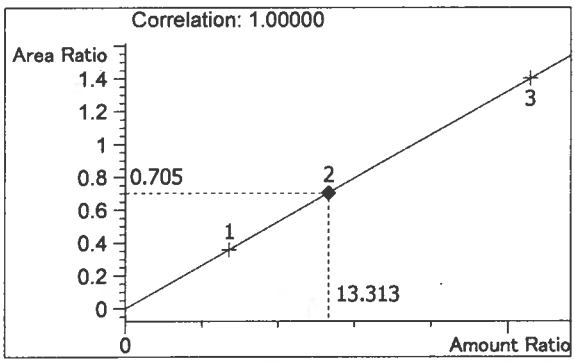
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/3/2014 9:30:07 AM Sample Name: CAL 2 (0.158)
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 3
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

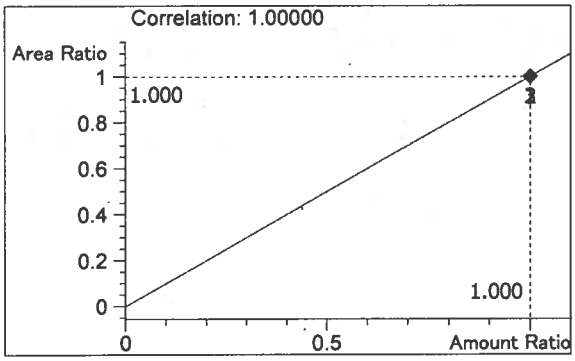


#	Compound	Peak Area	RT (min)
1	Ethanol	1702	1.052
2	n-Propanol	2414	1.729



Ethanol 0.160 g/100mL

14021



n-Propanol 0.012 g/100mL

CM

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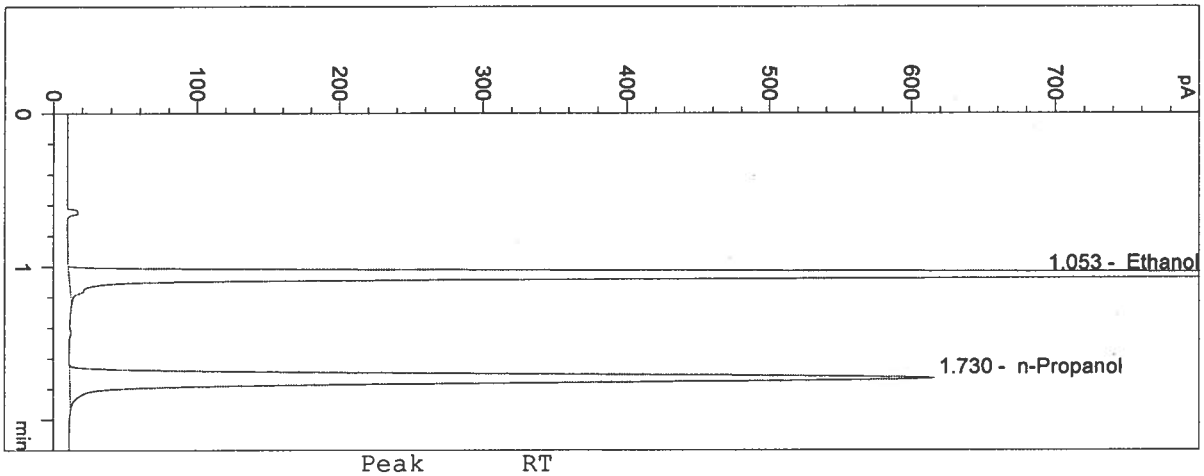
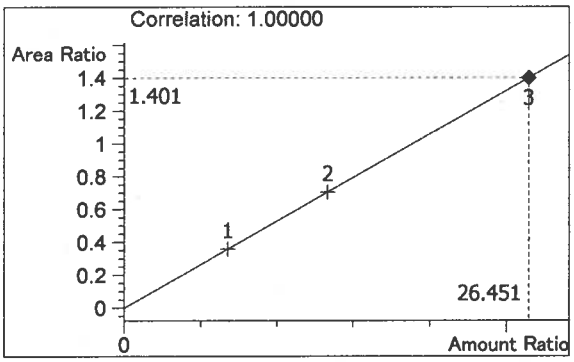
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/3/2014 9:33:23 AM Sample Name: CAL 3 (0.316)
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 4
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

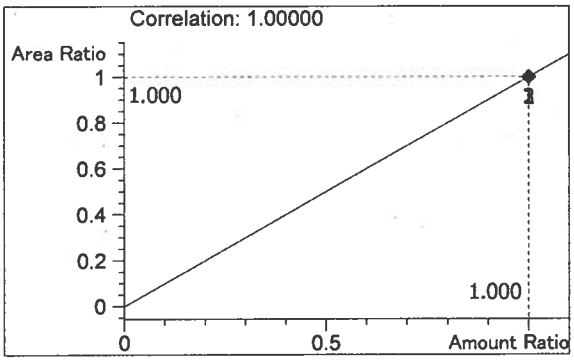


#	Compound	Peak Area	RT (min)
1	Ethanol	3375	1.053
2	n-Propanol	2408	1.730



Ethanol 0.317 g/100mL

14021



n-Propanol 0.012 g/100mL

CM

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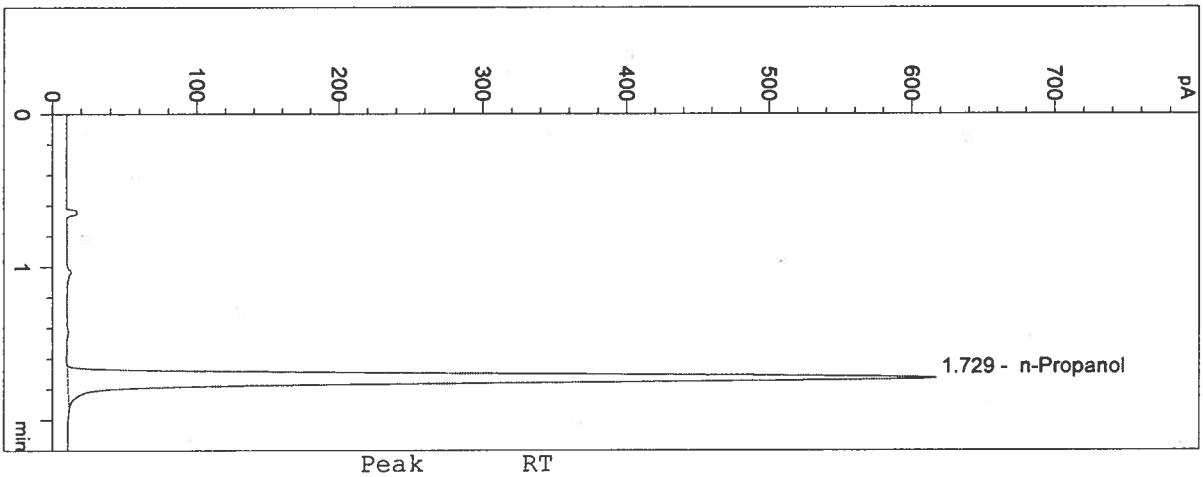
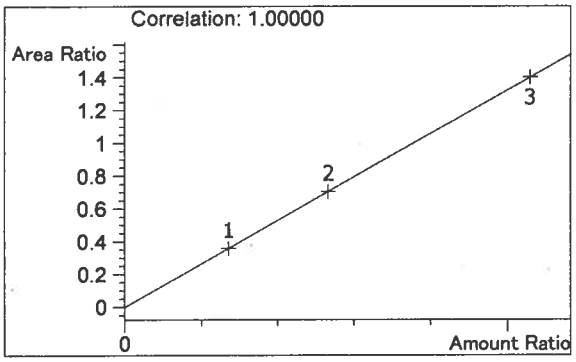
Inj. Date: 7/3/2014 9:36:35 AM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 5
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

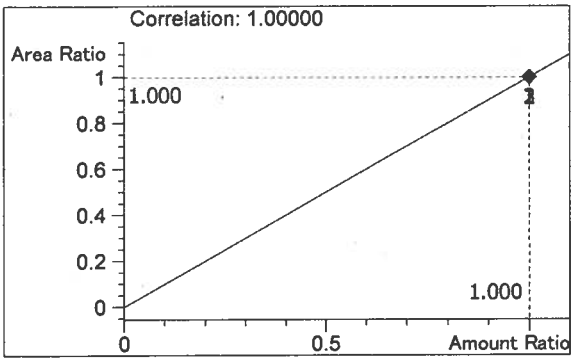


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2422	1.729



Ethanol 0.000 g/100mL

14021



n-Propanol 0.012 g/100mL

Washington State Patrol Toxicology Laboratory
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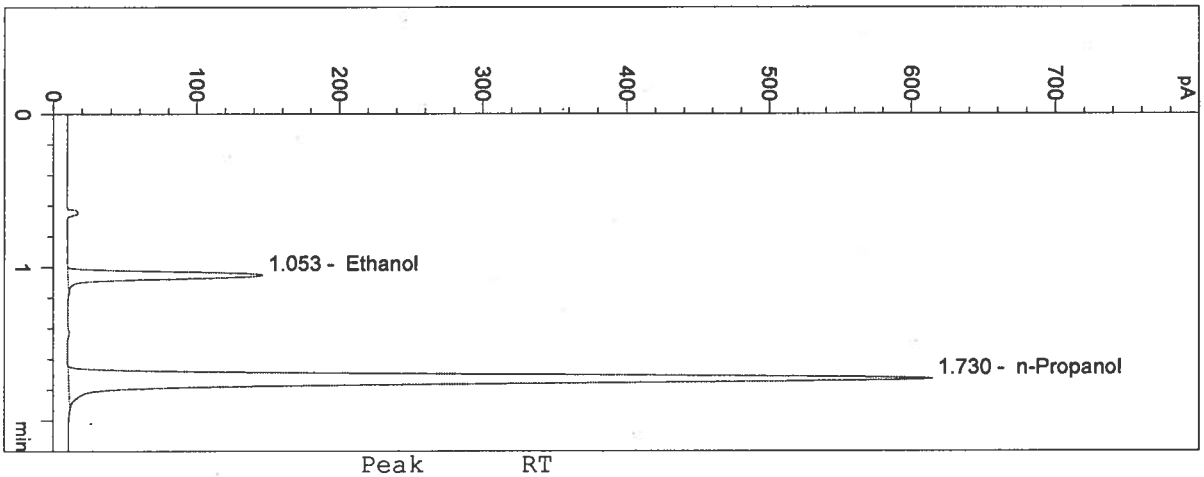
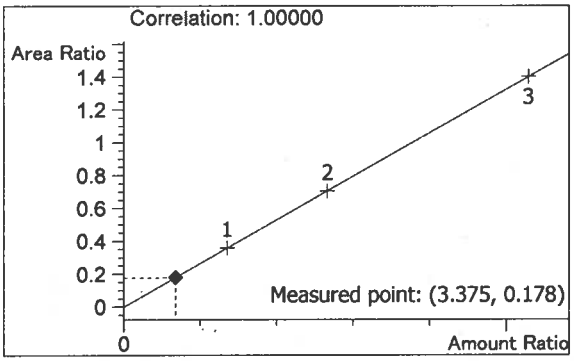
Inj. Date: 7/3/2014 9:39:49 AM Sample Name: CTRL 1 (0.04)
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 6
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

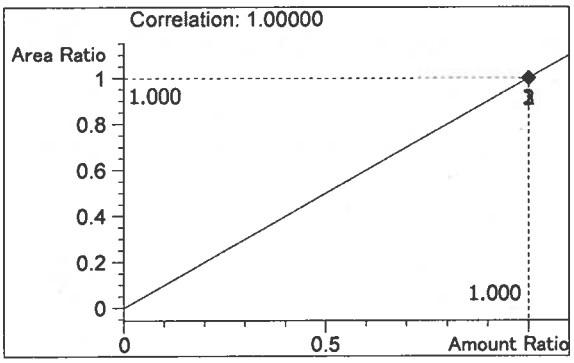


#	Compound	Peak Area	RT (min)
1	Ethanol	430	1.053
2	n-Propanol	2411	1.730



Ethanol 0.040 g/100mL

14021



n-Propanol 0.012 g/100mL

M

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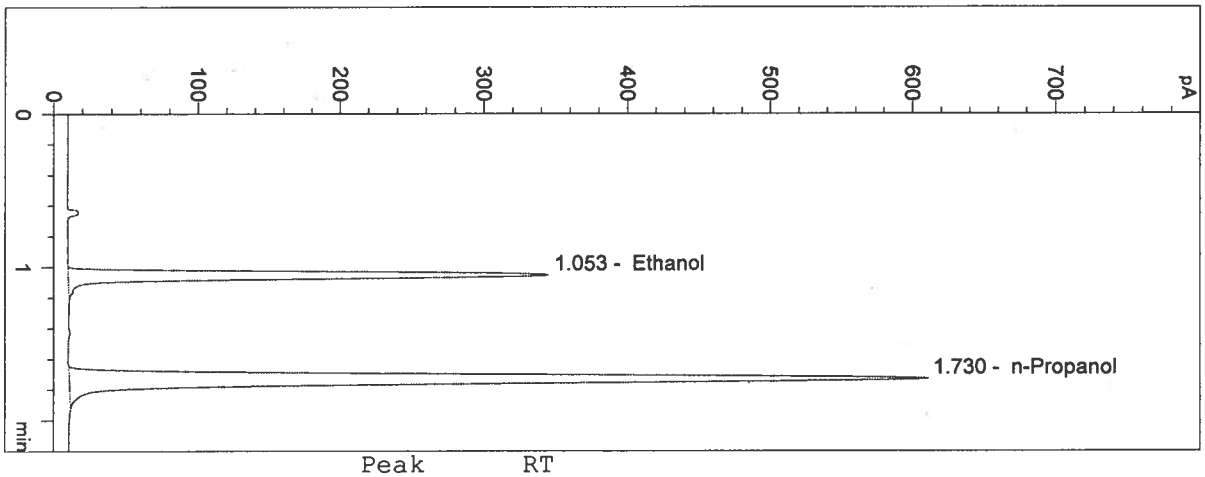
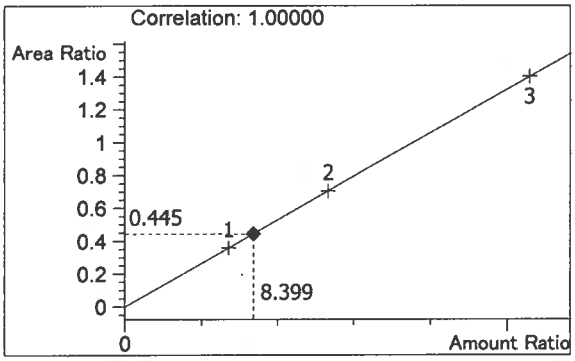
2203 Airport Way S Seattle, WA 98134

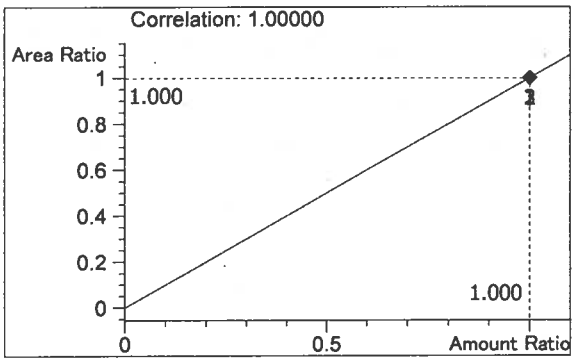
Inj. Date: 7/3/2014 9:43:04 AM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 7
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1063	1.053
2	n-Propanol	2391	1.730



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

14021

Data File: C:\CHEM32\1\DATA\140703CM\007F0701.D Page 1 of 1

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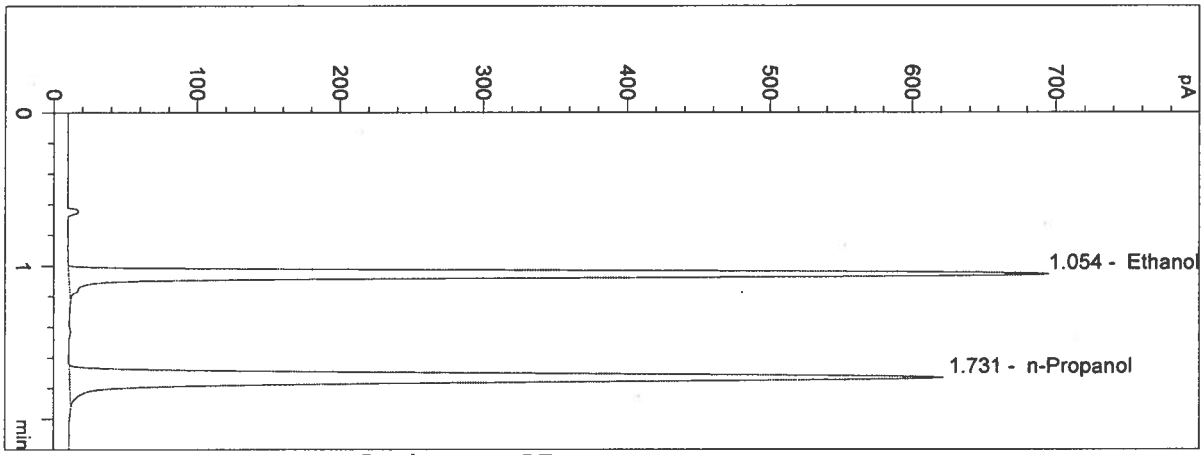
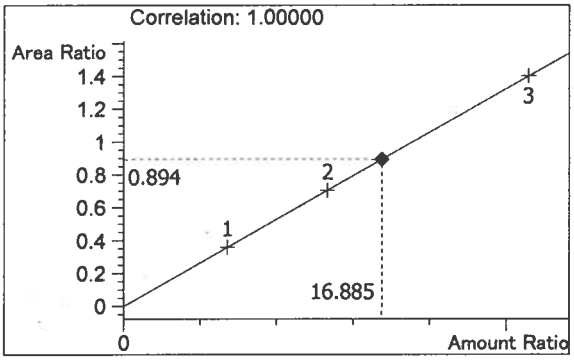
Inj. Date: 7/3/2014 9:46:17 AM Sample Name: CTRL 3 (0.20)
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 8
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

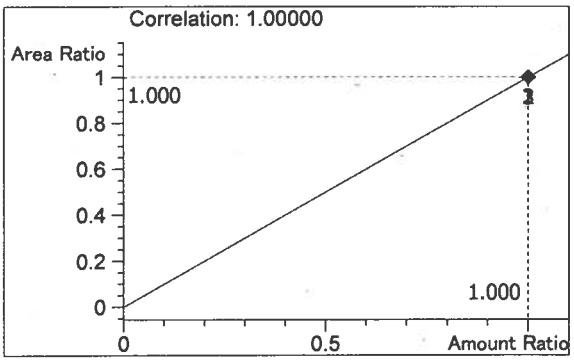


#	Compound	Peak Area	RT (min)
1	Ethanol	2177	1.054
2	n-Propanol	2434	1.731



Ethanol 0.203 g/100mL

14021

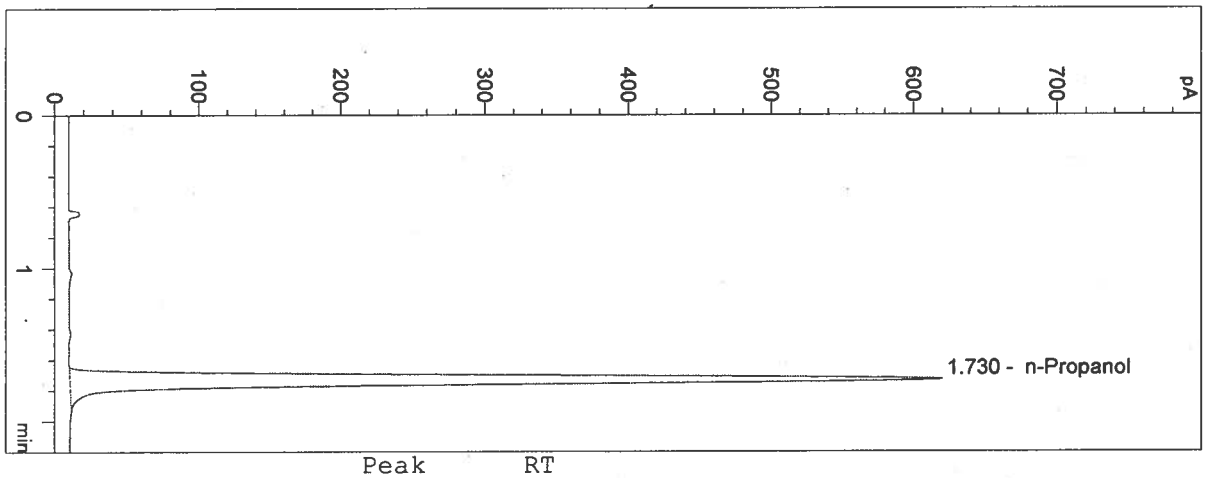


n-Propanol 0.012 g/100mL

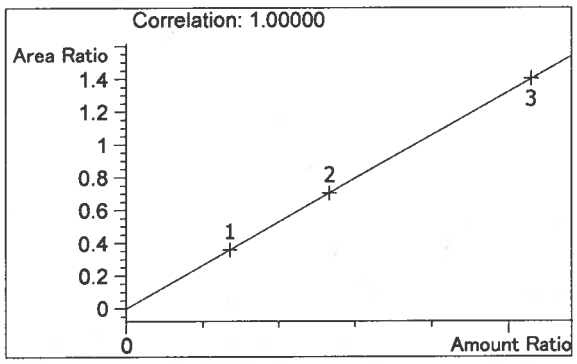
M

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

Inj. Date: 7/3/2014 9:49:29 AM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 9
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

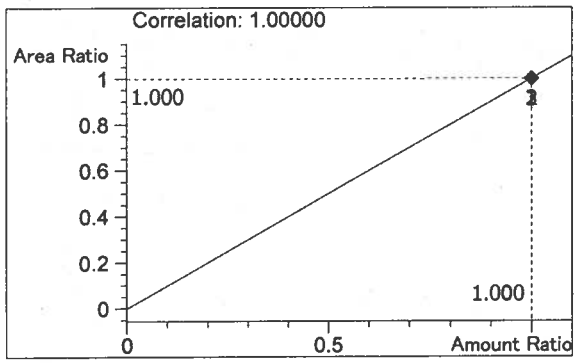


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2433	1.730



Ethanol 0.000 g/100mL

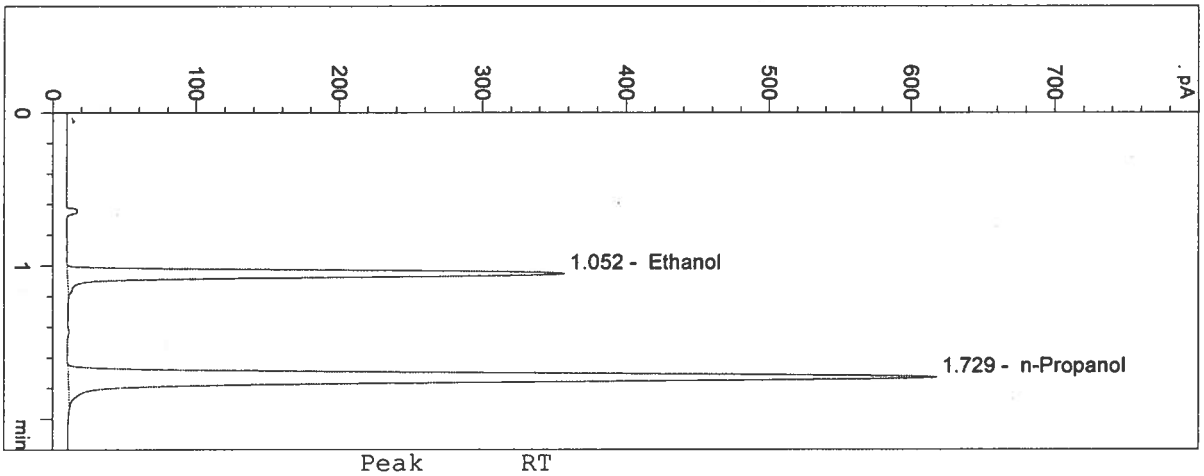
14021



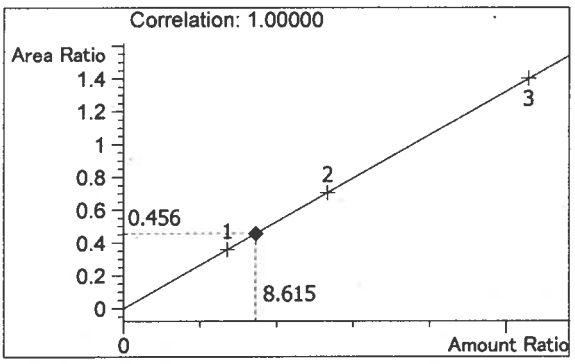
n-Propanol 0.012 g/100mL

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

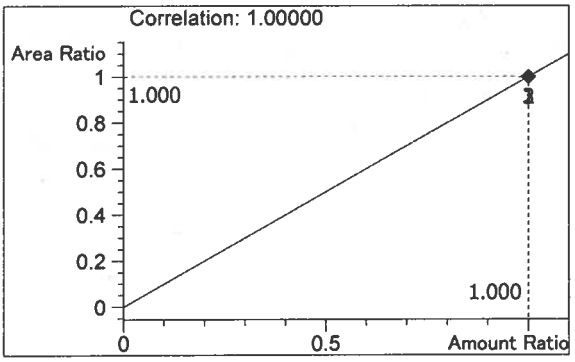
Inj. Date: 7/3/2014 9:52:44 AM Sample Name: 14021-1
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 10
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1102	1.052
2	n-Propanol	2417	1.729



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

CM

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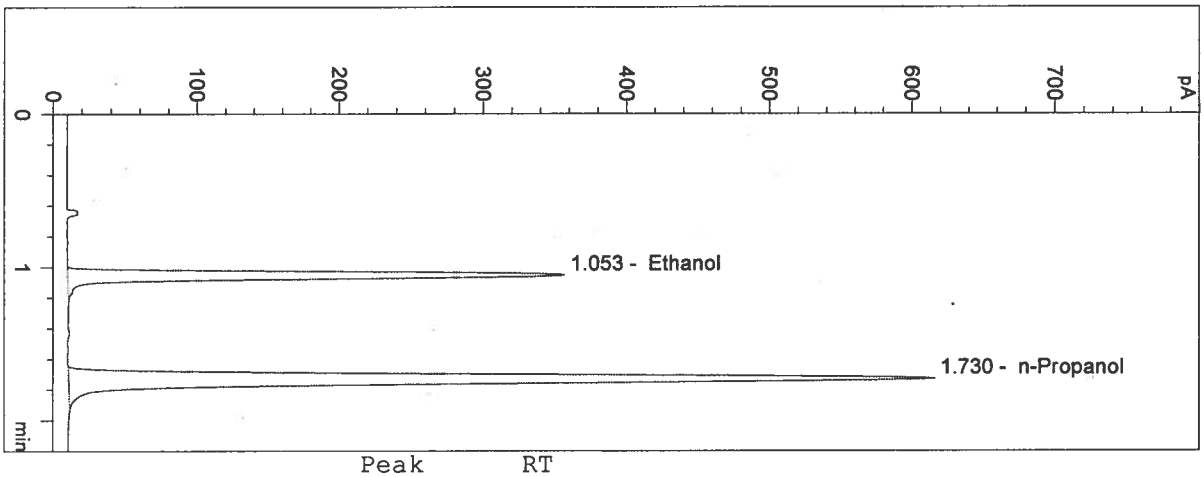
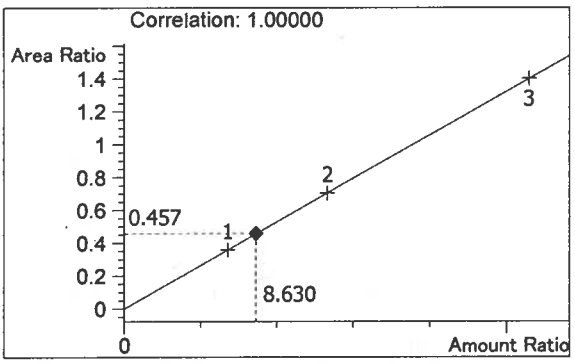
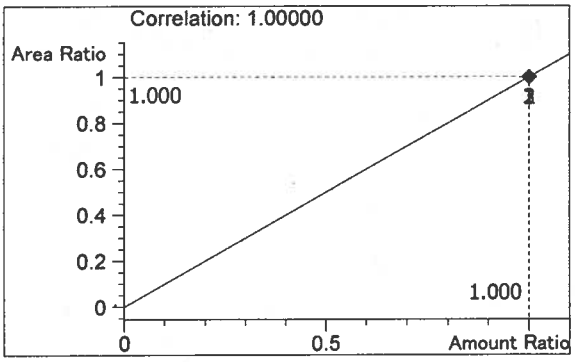
Inj. Date: 7/3/2014 9:55:57 AM Sample Name: 14021-2
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 11
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1105	1.053
2	n-Propanol	2418	1.730



Ethanol 0.104 g/100mL

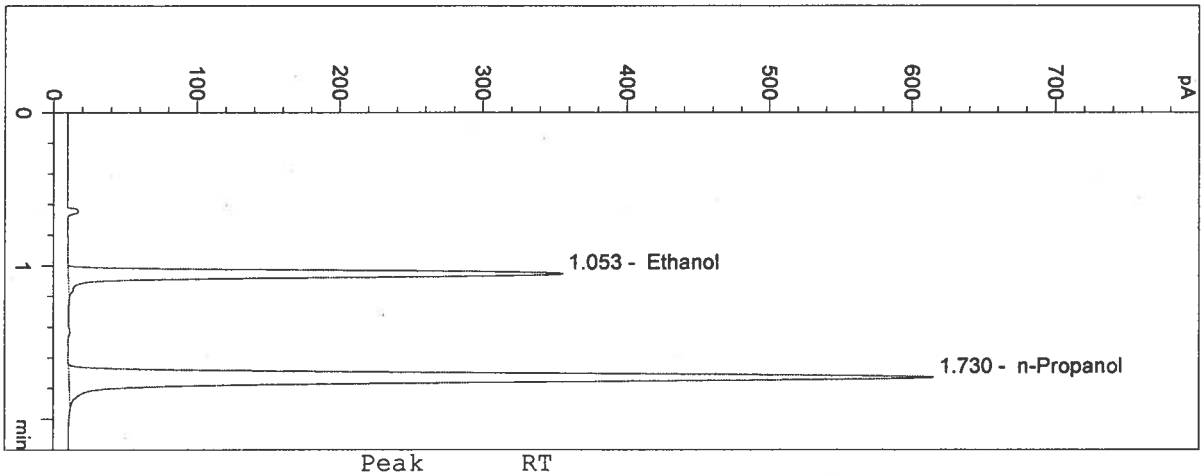


n-Propanol 0.012 g/100mL

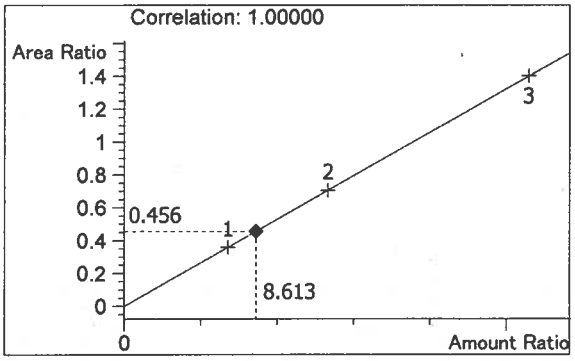
M

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

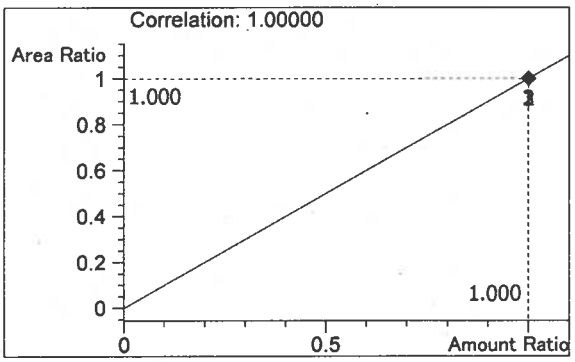
Inj. Date: 7/3/2014 9:59:10 AM Sample Name: 14021-3
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 12
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1101	1.053
2	n-Propanol	2413	1.730



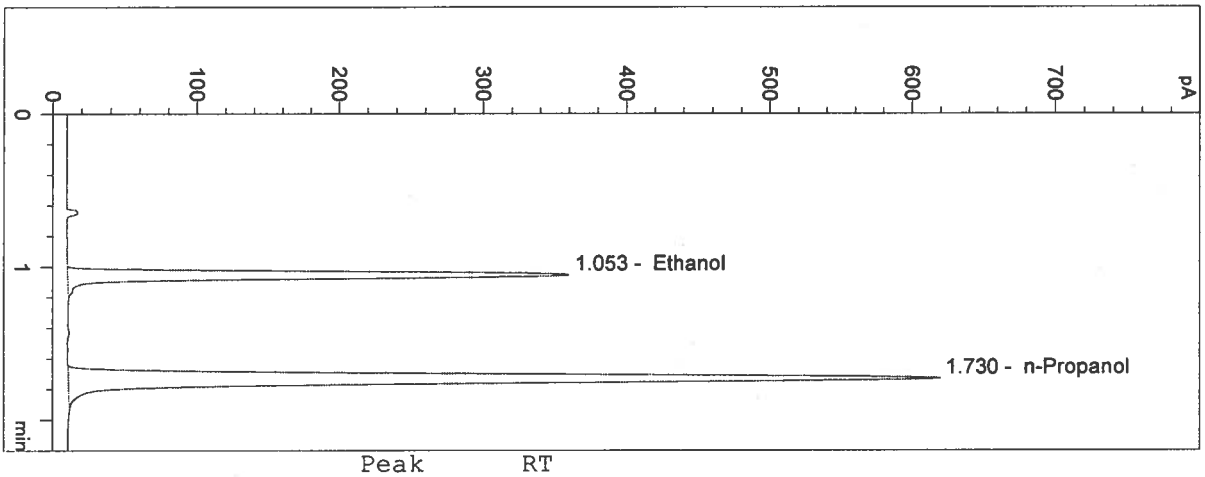
Ethanol 0.103 g/100mL



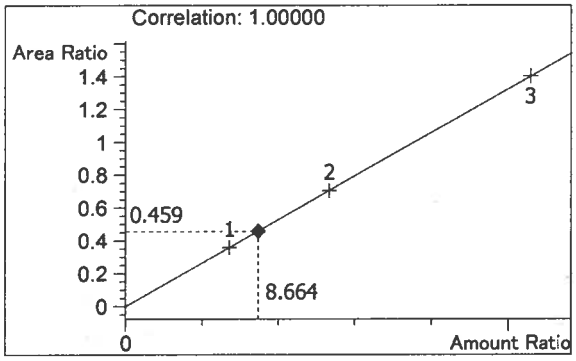
n-Propanol 0.012 g/100mL

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

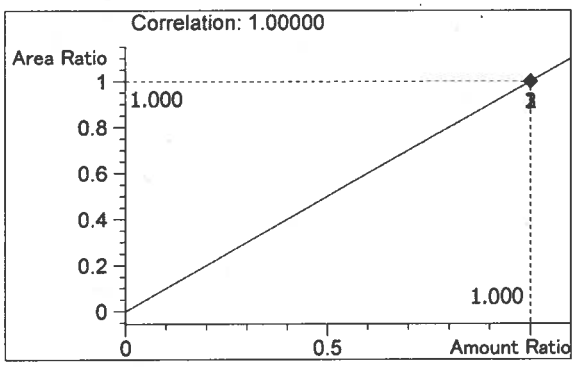
Inj. Date: 7/3/2014 10:02:24 AM Sample Name: 14021-4
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 13
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.053
2	n-Propanol	2429	1.730



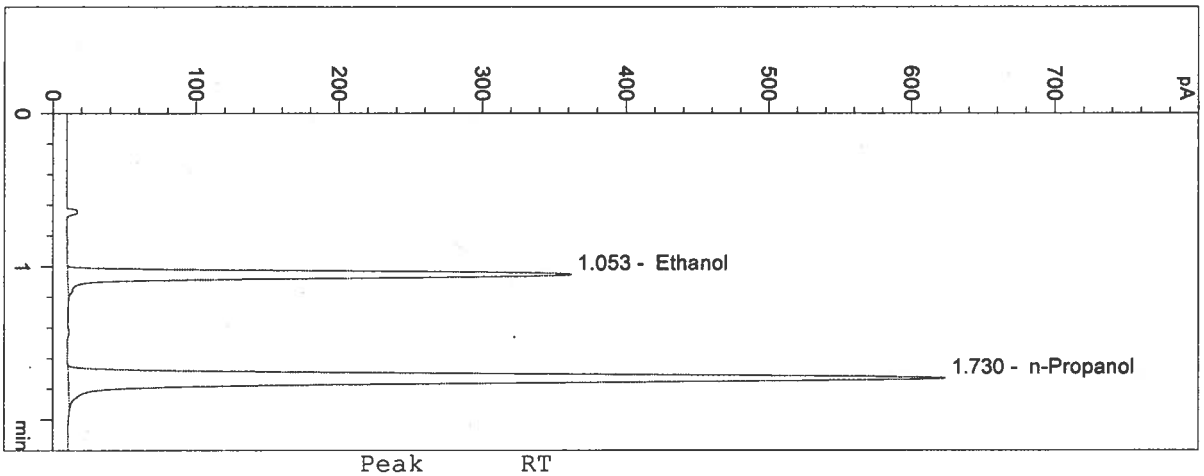
Ethanol 0.104 g/100mL



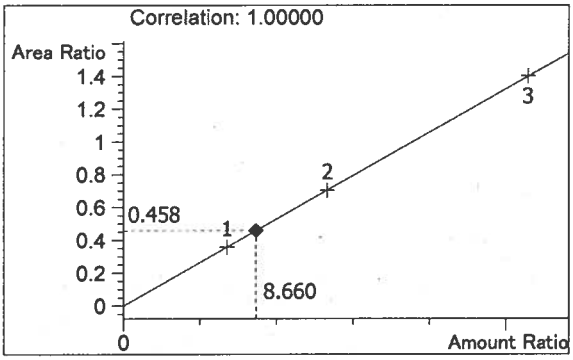
n-Propanol 0.012 g/100mL

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

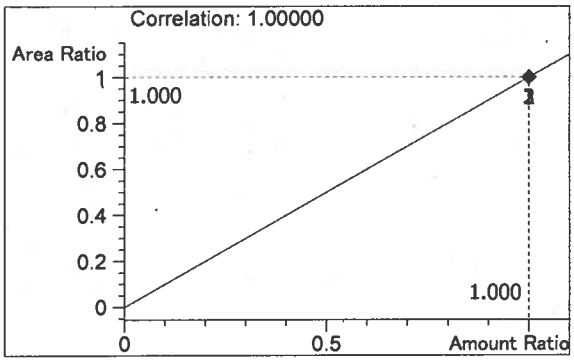
Inj. Date: 7/3/2014 10:05:37 AM Sample Name: 14021-5
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 14
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1123	1.053
2	n-Propanol	2449	1.730



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

M

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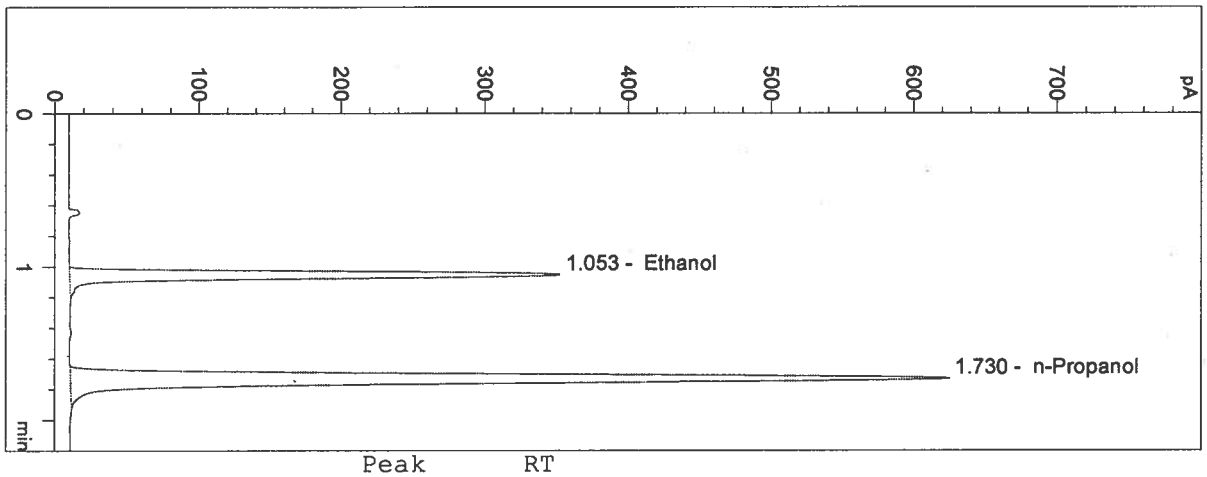
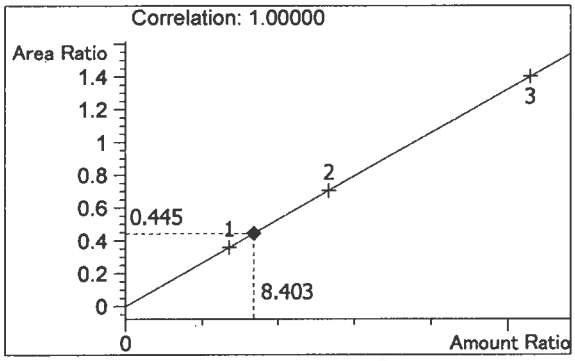
Inj. Date: 7/3/2014 10:08:52 AM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 15
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

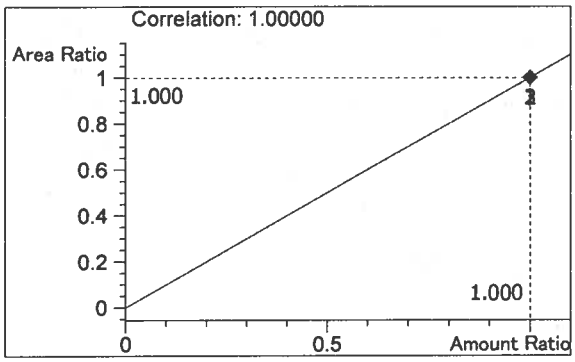


#	Compound	Peak Area	RT (min)
1	Ethanol	1089	1.053
2	n-Propanol	2448	1.730



Ethanol 0.101 g/100mL

- 14021

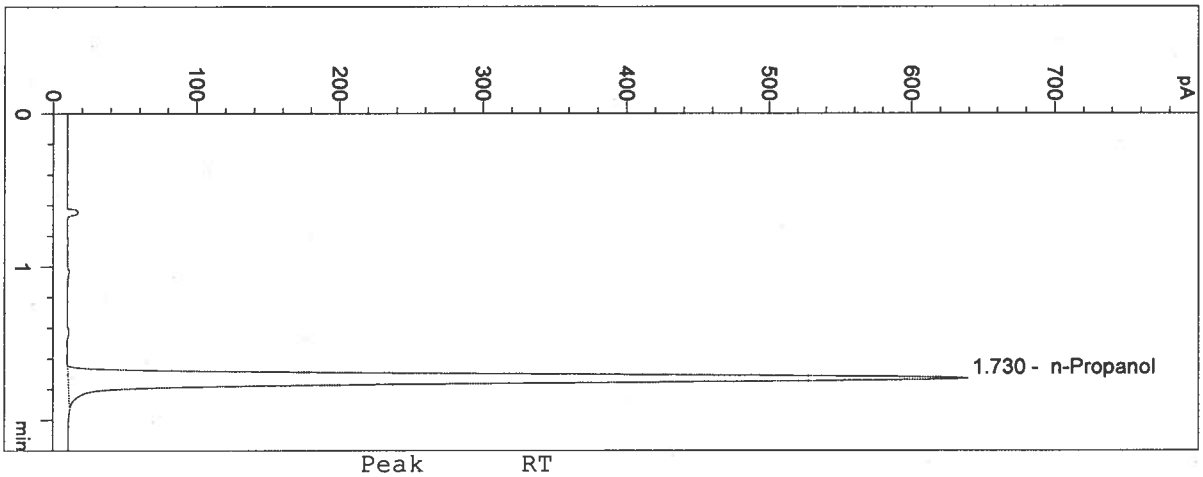


n-Propanol 0.012 g/100mL

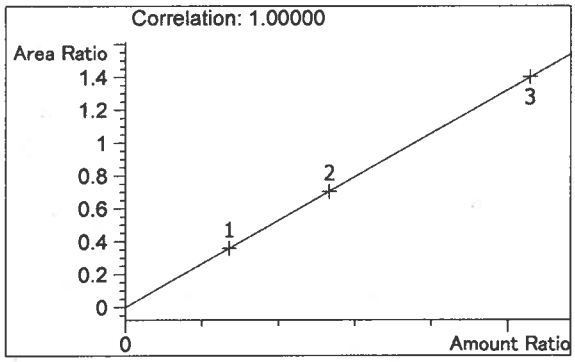
M

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

Inj. Date: 7/3/2014 10:12:05 AM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 16
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

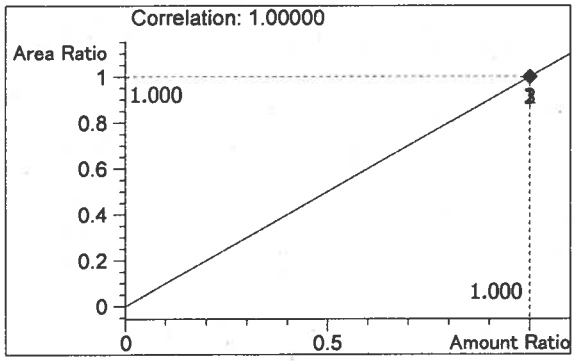


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2510	1.730



Ethanol 0.000 g/100mL

14021



n-Propanol 0.012 g/100mL

Sequence Parameters:

Sequence : C:\CHEM32\1\SEQUENCE\RFESS.S

Operator : Rebecca Flaherty

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

Data Subdirectory : 140718RF

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: E0414-01 - exp: 10/15/14
CAL 2: 0.158 g/100 mL - Lot: E0414-02 - exp: 10/15/14
CAL 3: 0.316 g/100 mL - Lot: E0414-03 - exp: 10/15/14
CTRL 1: 0.04 g/100 mL - Lot: FN05011301 - exp: 5/2018
CTRL 2: 0.10 g/100 mL - Lot: FN08051301 - exp: 10/2018
CTRL 3: 0.20 g/100 mL - Lot: FN100511-01 - exp: 10/2016
n-Propanol: Lot: P0514 - exp: 8/27/2014

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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	
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp	
10	Vial 10	14021-1	SIMALC1	1	Sample	

Sequence: C:\CHEM32\1\SEQUENCE\RFESS.S

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
11	Vial 11	14021-2	SIMALC1	1	Sample	
12	Vial 12	14021-3	SIMALC1	1	Sample	
13	Vial 13	14021-4	SIMALC1	1	Sample	
14	Vial 14	14021-5	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!

14021

RF

Calibration Table

General Calibration Setting

Calib. Data Modified : Friday, July 18, 2014 11:45:54 AM

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

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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

Signal 1: FID1 A,

Overview Table

RT	Sig	Lvl		Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
1.053	1		1	8.12400e-2	862.26746	9.42167e-5	No	No 1	Ethanol
			2	1.59860e-1	1695.89246	9.42631e-5			
			3	3.17330e-1	3361.31836	9.44064e-5			
1.730	1		1	1.20000e-2	2406.09009	4.98734e-6	No	Yes 1	n-Propanol

RF

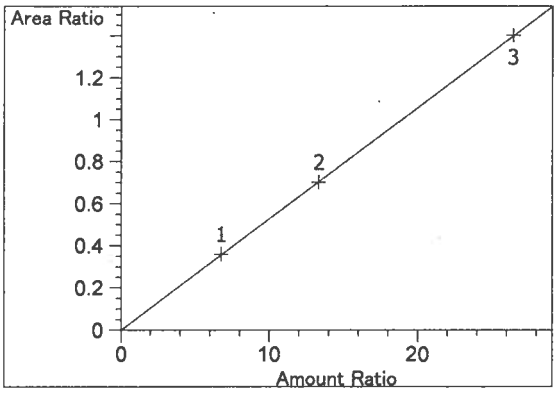
Method C:\CHEM32\1\METHODS\SIMALC1.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	2416.13550	4.96661e-6			
		3	1.20000e-2	2397.88354	5.00441e-6			

Peak Sum Table

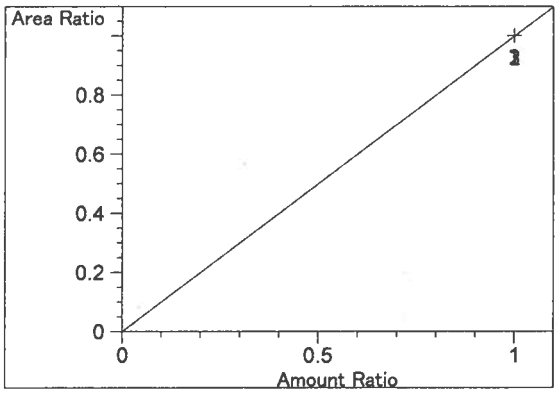
No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.053
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00252
Formula: y = mx + b
m: 5.29968e-2
b: -1.04808e-3
x: Amount
y: Area

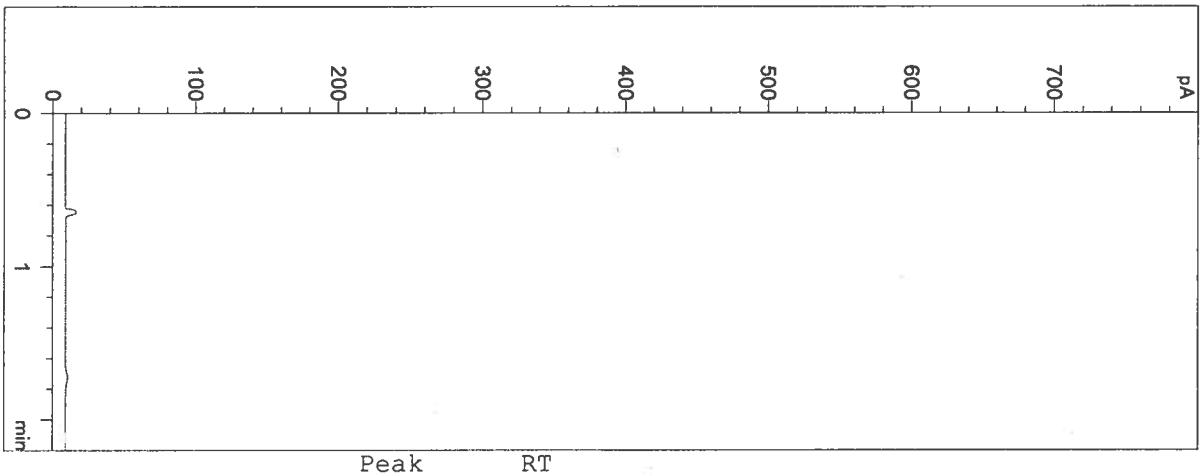
14021



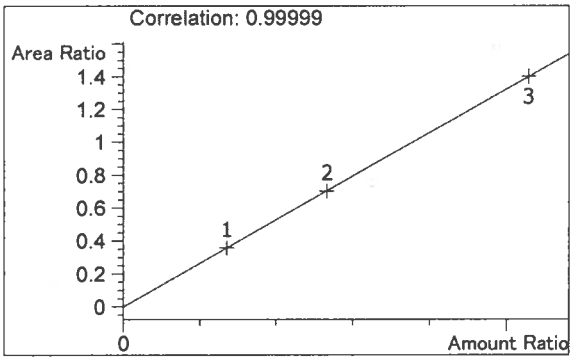
n-Propanol at exp. RT: 1.730
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

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

Inj. Date: 7/18/2014 11:33:49 AM Sample Name: BLANK
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

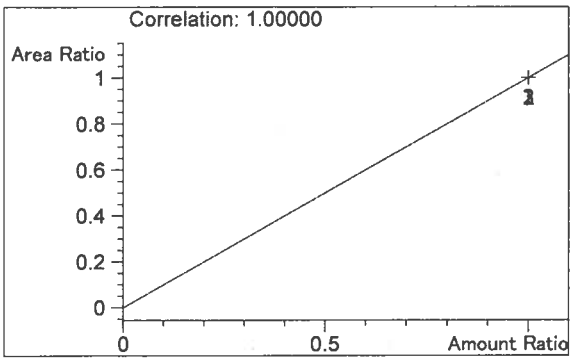


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



14021

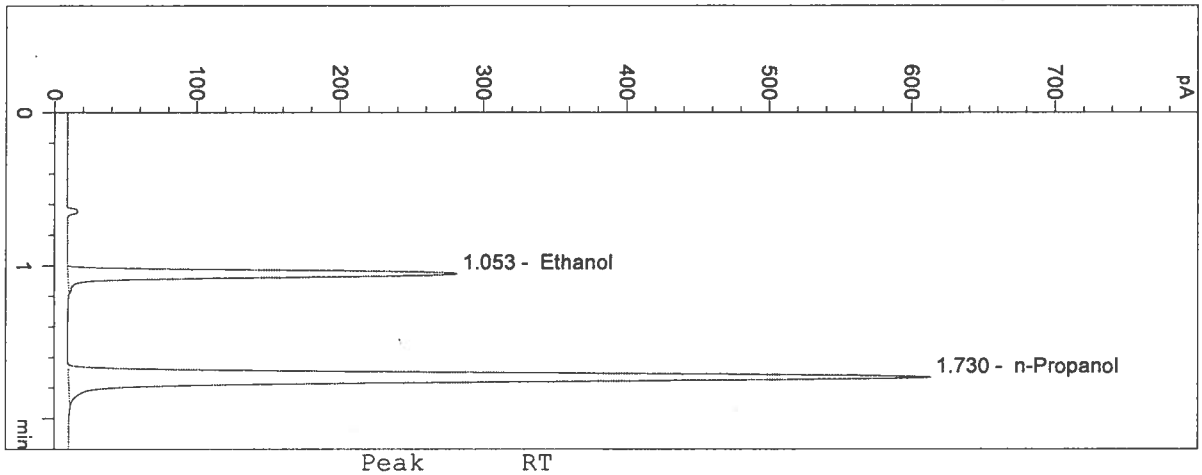
Ethanol 0.000 g/100mL



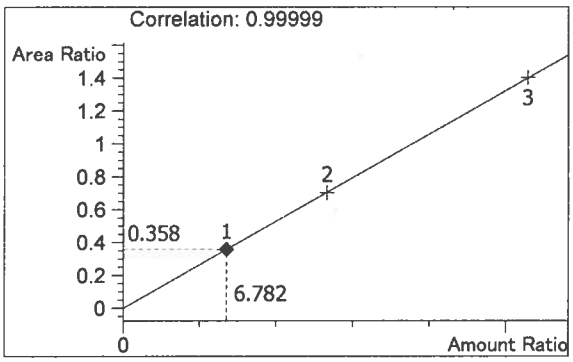
n-Propanol 0.000 g/100mL

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

Inj. Date: 7/18/2014 11:37:08 AM Sample Name: CAL 1 (0.079)
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 2
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

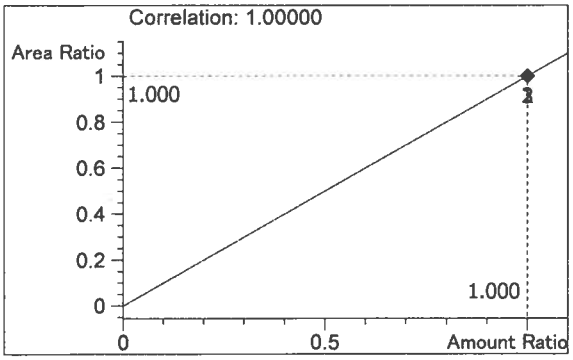


#	Compound	Peak Area	RT (min)
1	Ethanol	862	1.053
2	n-Propanol	2406	1.730



Ethanol 0.081 g/100mL

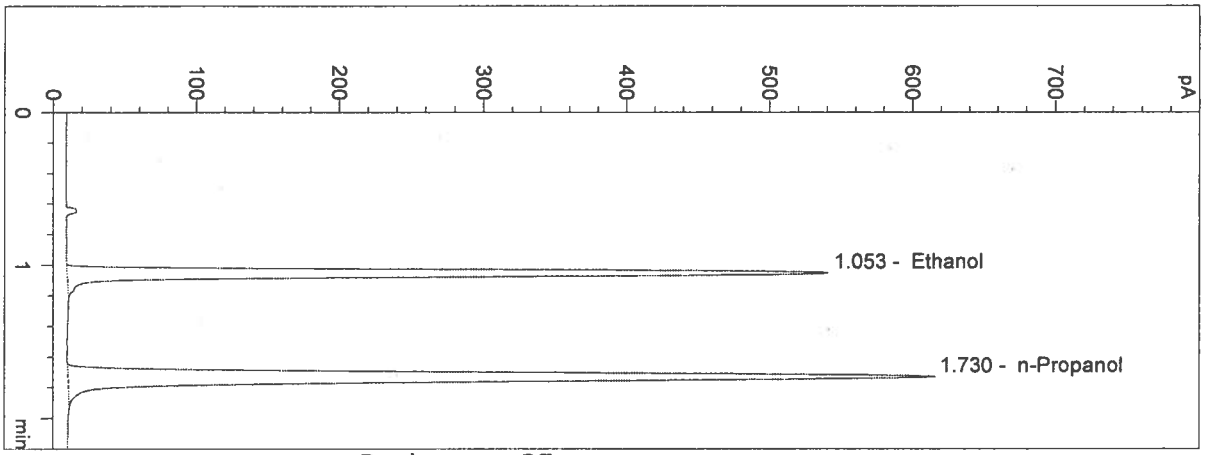
14021



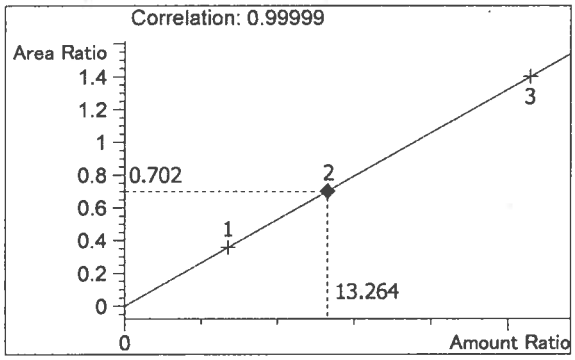
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/18/2014 11:40:25 AM Sample Name: CAL 2 (0.158)
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 3
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

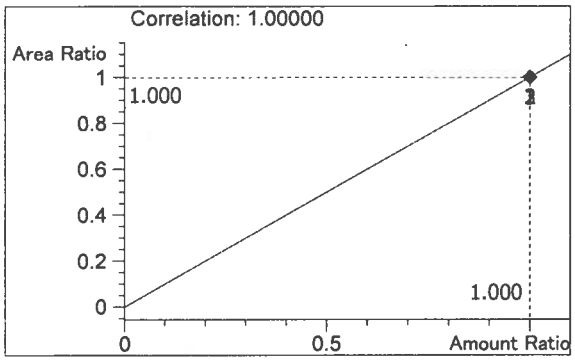


#	Compound	Peak Area	RT (min)
1	Ethanol	1696	1.053
2	n-Propanol	2416	1.730



Ethanol 0.159 g/100mL

14021

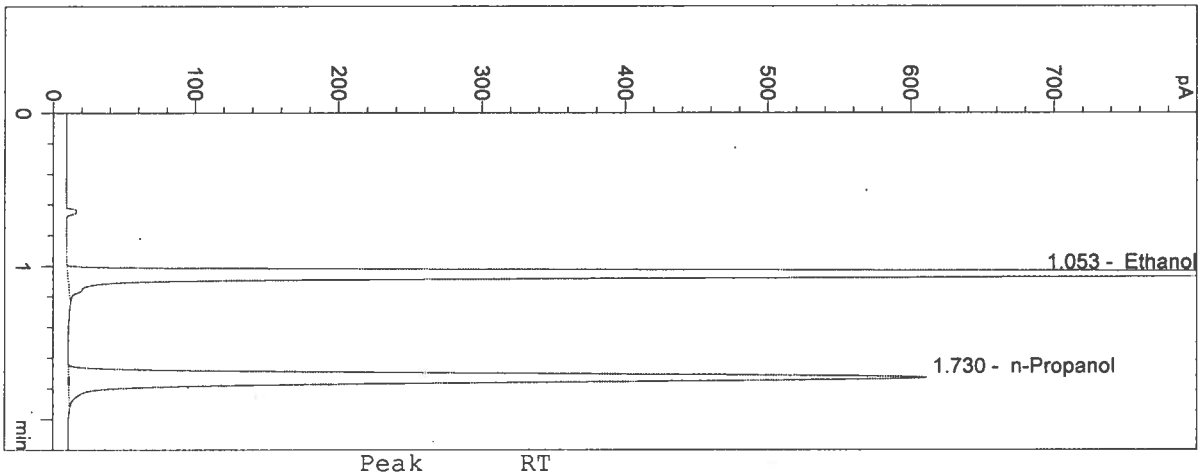


n-Propanol 0.012 g/100mL

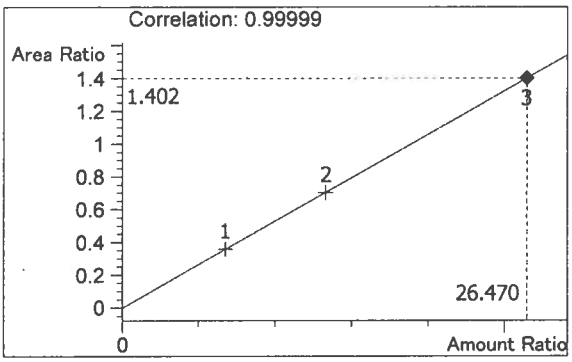
RF

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

Inj. Date: 7/18/2014 11:43:42 AM Sample Name: CAL 3 (0.316)
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 4
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

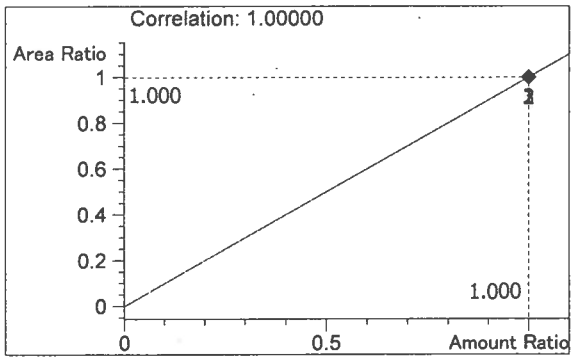


#	Compound	Peak Area	RT (min)
1	Ethanol	3361	1.053
2	n-Propanol	2398	1.730



Ethanol 0.318 g/100mL

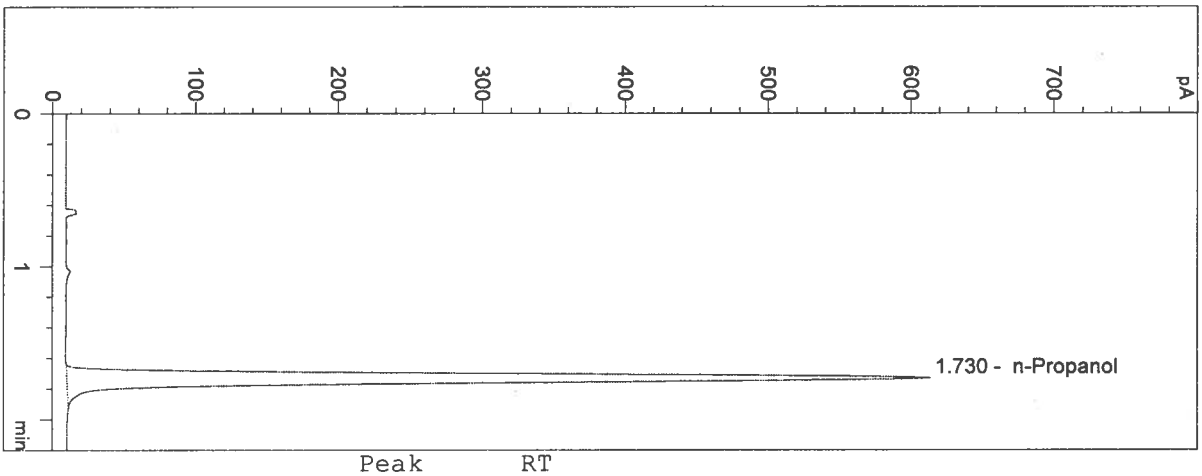
14021



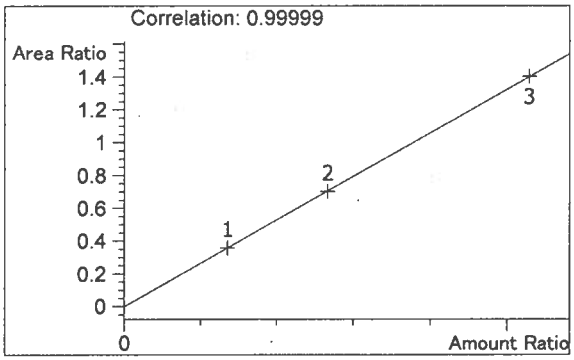
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/18/2014 11:46:55 AM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 5
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

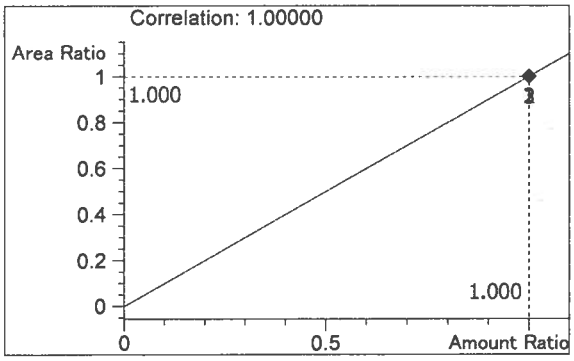


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2403	1.730



Ethanol 0.000 g/100mL

14021

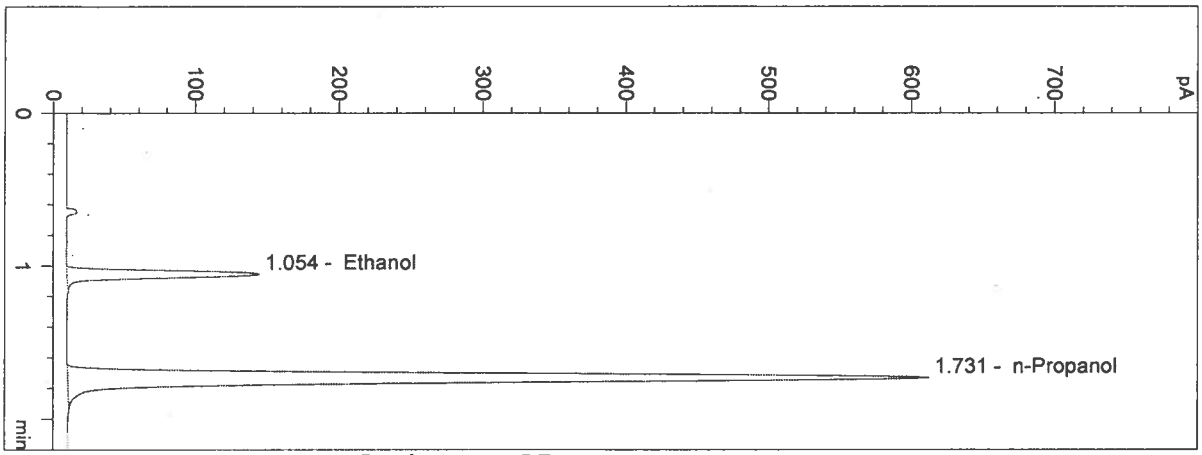


n-Propanol 0.012 g/100mL

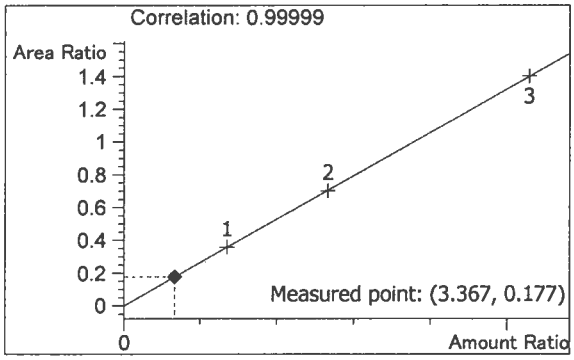
RS

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

Inj. Date: 7/18/2014 11:50:09 AM Sample Name: CTRL 1 (0.04)
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 6
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

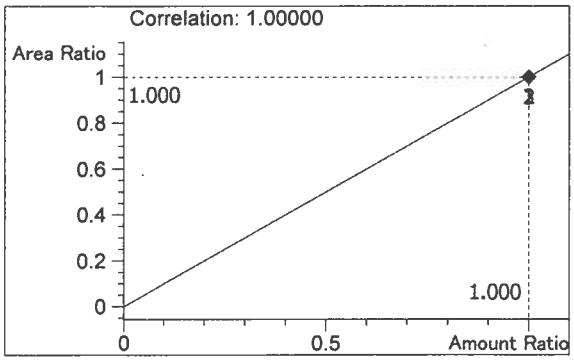


#	Compound	Peak Area	RT (min)
1	Ethanol	427	1.054
2	n-Propanol	2409	1.731



Ethanol 0.040 g/100mL

14021

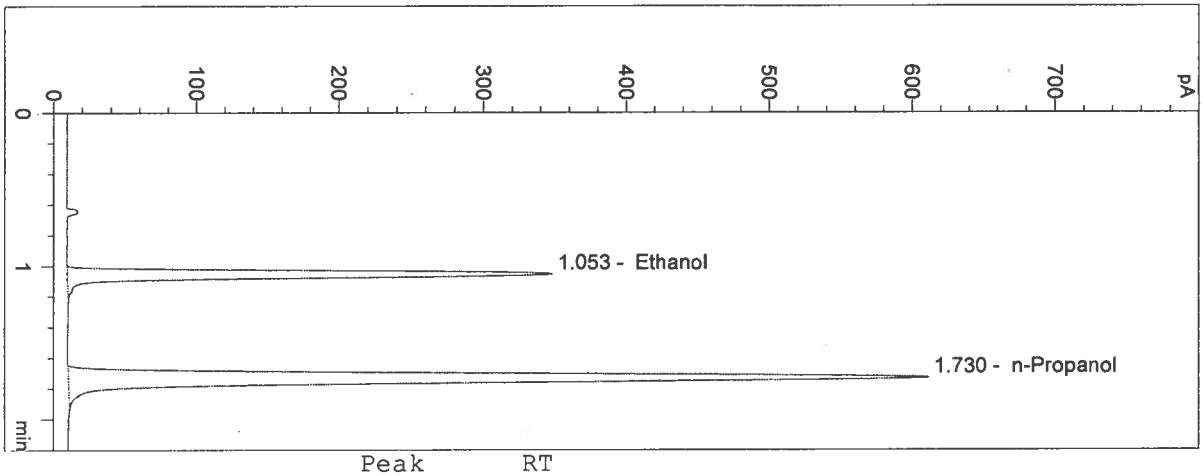


n-Propanol 0.012 g/100mL

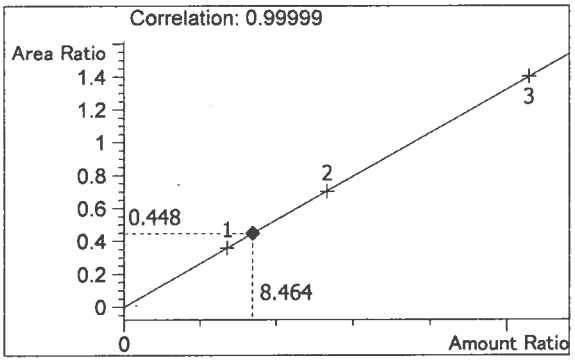
RF

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

Inj. Date: 7/18/2014 11:53:21 AM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 7
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

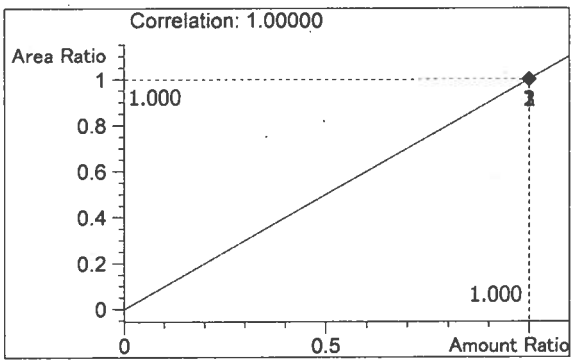


#	Compound	Peak Area	RT (min)
1	Ethanol	1074	1.053
2	n-Propanol	2399	1.730



Ethanol 0.102 g/100mL

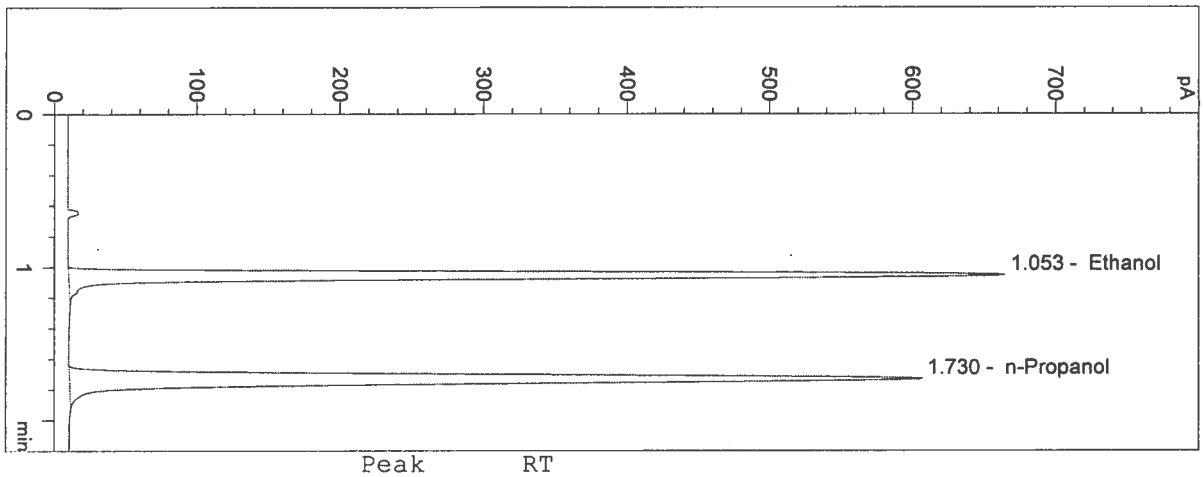
14021



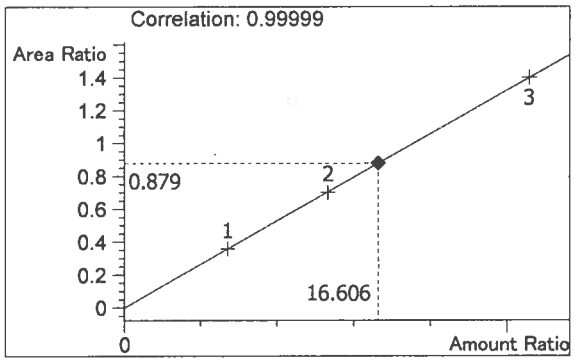
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/18/2014 11:56:35 AM Sample Name: CTRL 3 (0.20)
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 8
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

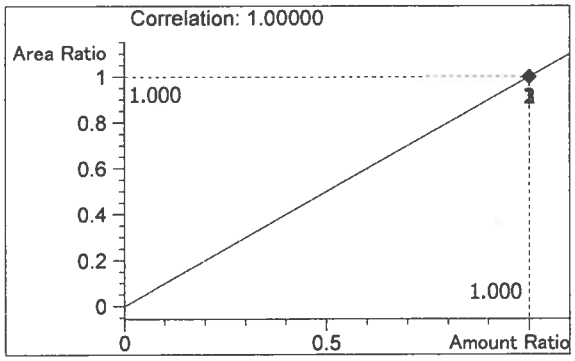


#	Compound	Peak Area	RT (min)
1	Ethanol	2091	1.053
2	n-Propanol	2379	1.730



Ethanol 0.199 g/100mL

14021

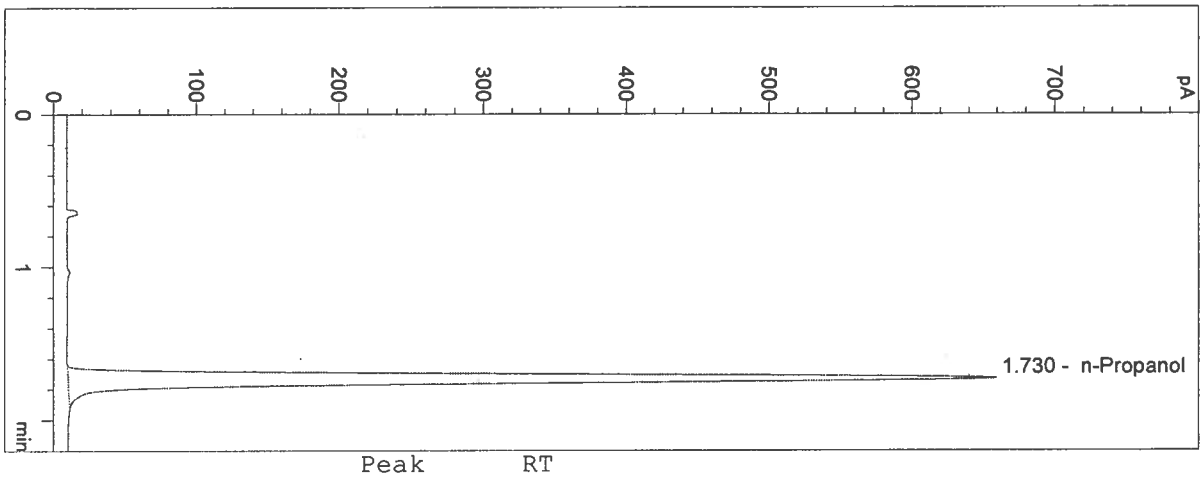


n-Propanol 0.012 g/100mL

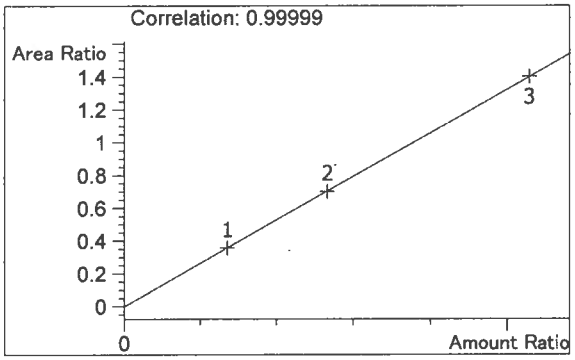
RF

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

Inj. Date: 7/18/2014 11:59:48 AM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 9
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

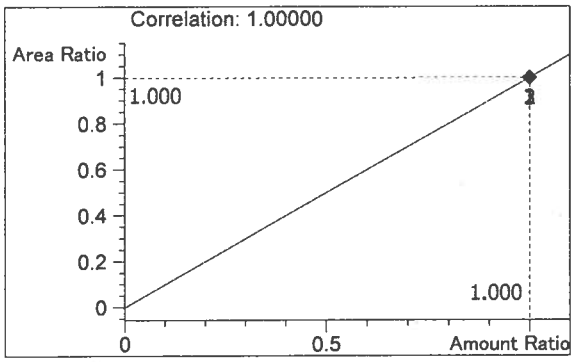


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2584	1.730



Ethanol 0.000 g/100mL

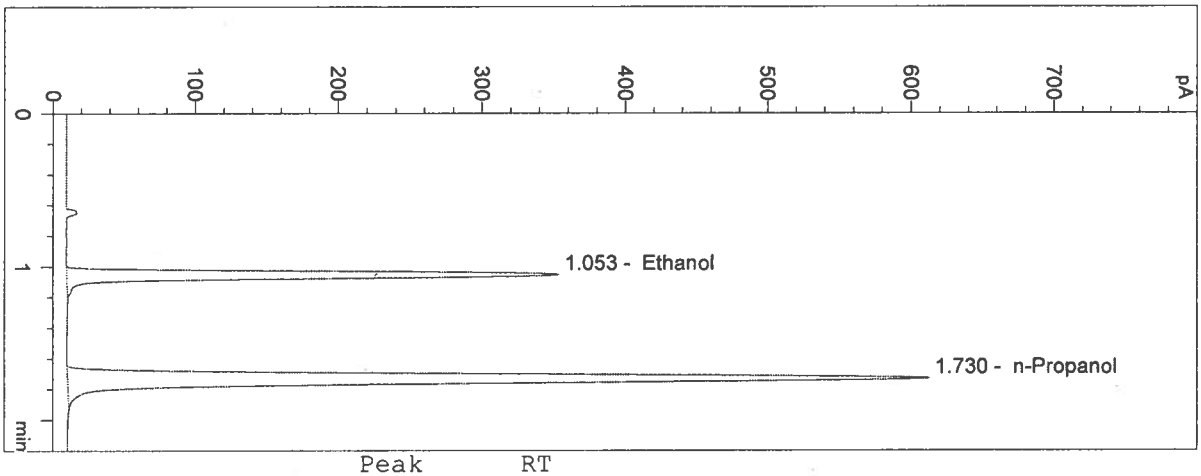
14021



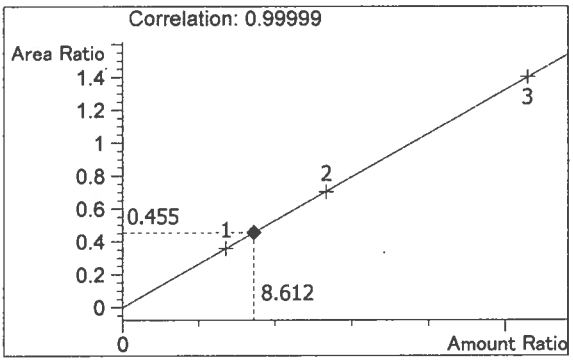
n-Propanol 0.012 g/100mL

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

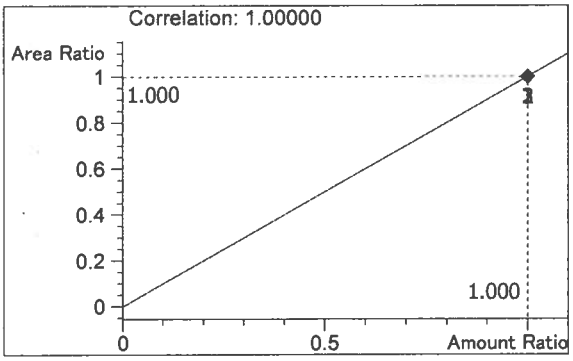
Inj. Date: 7/18/2014 12:03:01 PM Sample Name: 14021-1
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 10
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1094	1.053
2	n-Propanol	2402	1.730



Ethanol 0.103 g/100mL

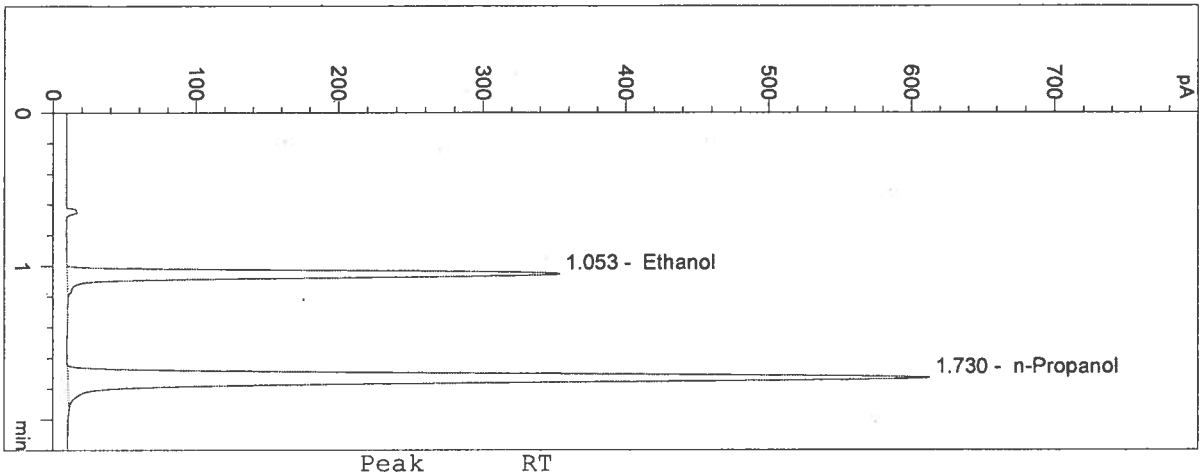


n-Propanol 0.012 g/100mL

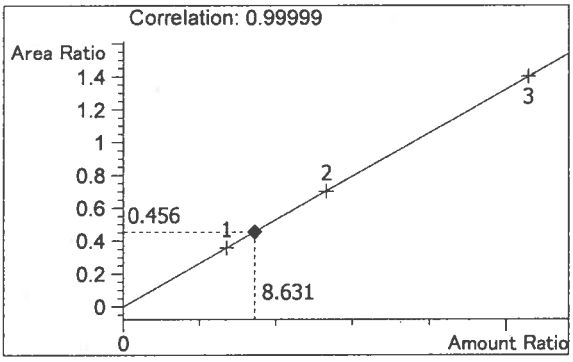
RF

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

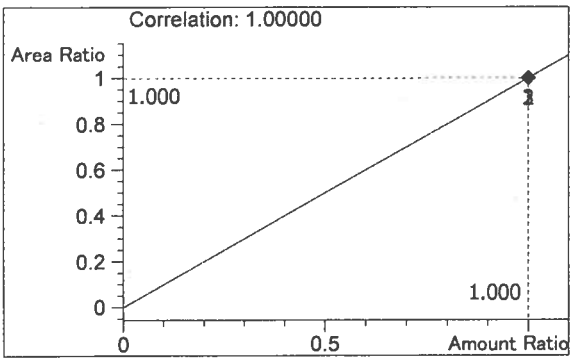
Inj. Date: 7/18/2014 12:06:16 PM Sample Name: 14021-2
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 11
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1100	1.053
2.	n-Propanol	2410	1.730



Ethanol 0.104 g/100mL

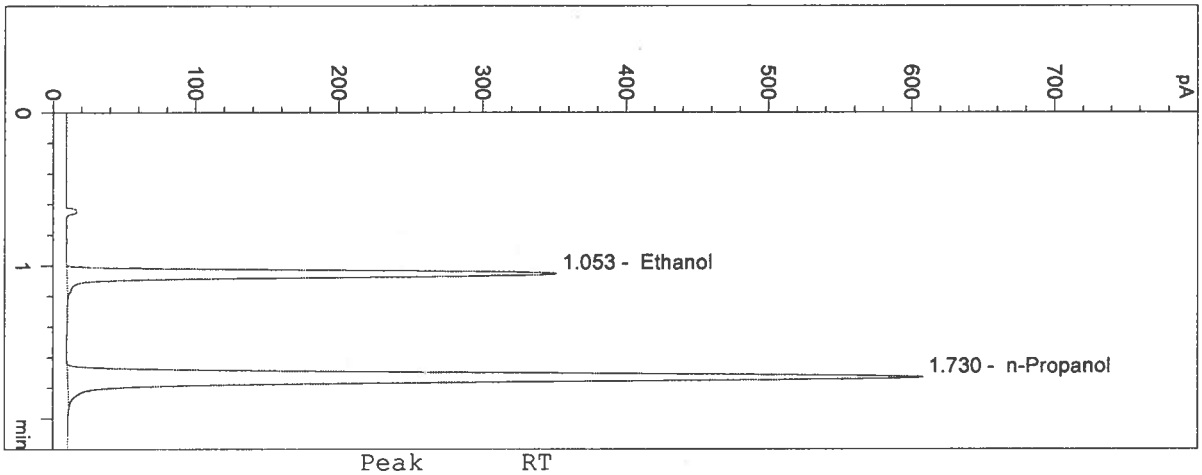


n-Propanol 0.012 g/100mL

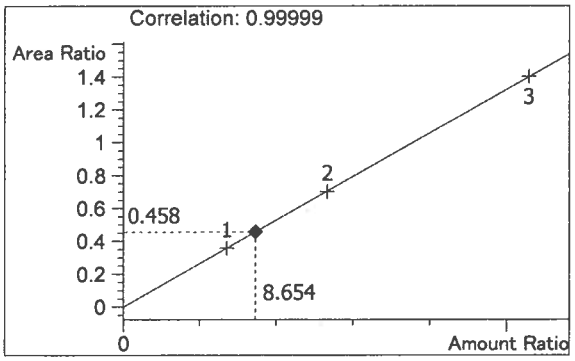
RF

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

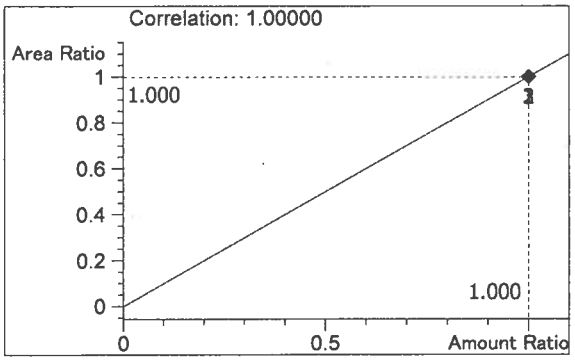
Inj. Date: 7/18/2014 12:09:29 PM Sample Name: 14021-3
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 12
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1094	1.053
2	n-Propanol	2392	1.730



Ethanol 0.104 g/100mL

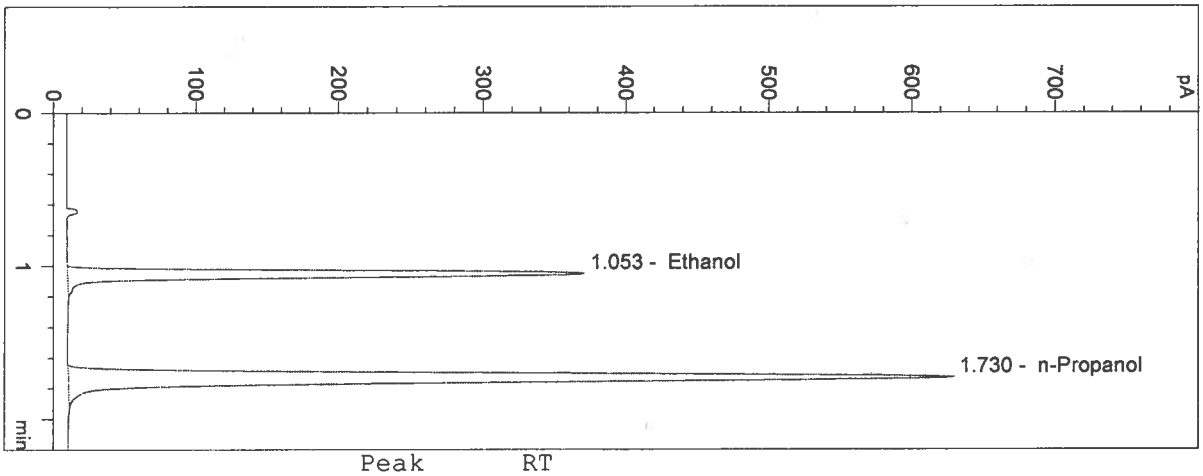


n-Propanol 0.012 g/100mL

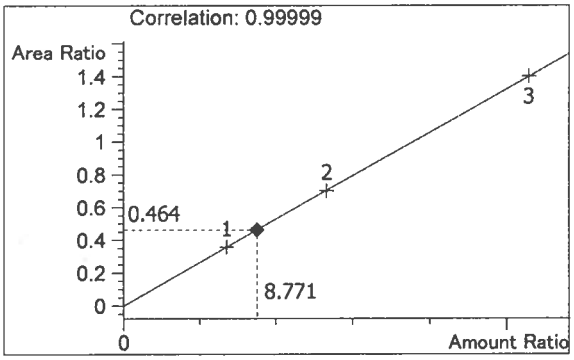
RF

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

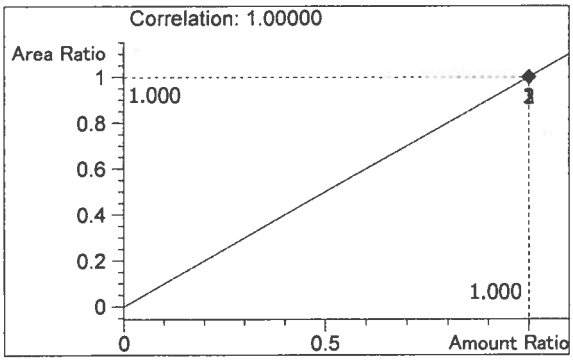
Inj. Date: 7/18/2014 12:12:41 PM Sample Name: 14021-4
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 13
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1144	1.053
2	n-Propanol	2466	1.730



Ethanol 0.105 g/100mL

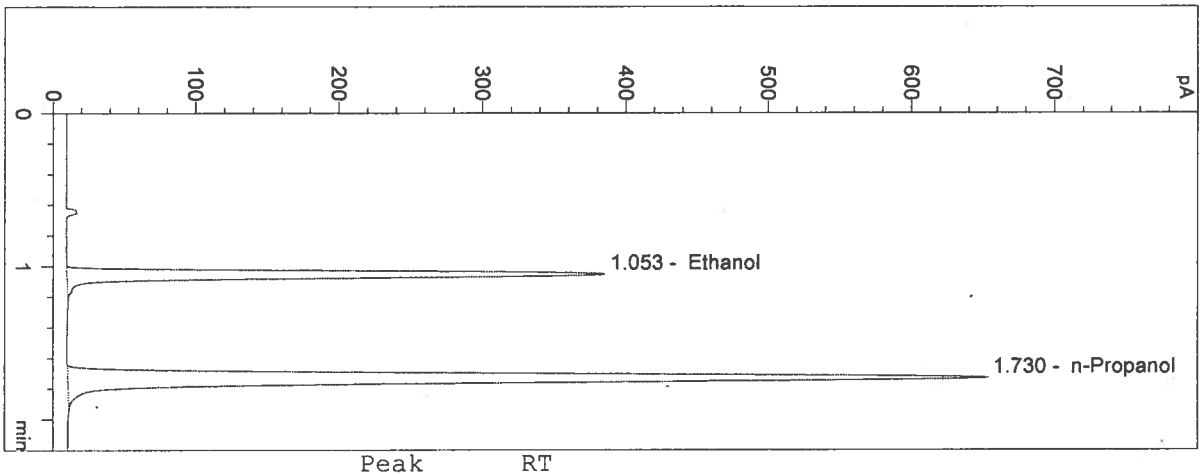


n-Propanol 0.012 g/100mL

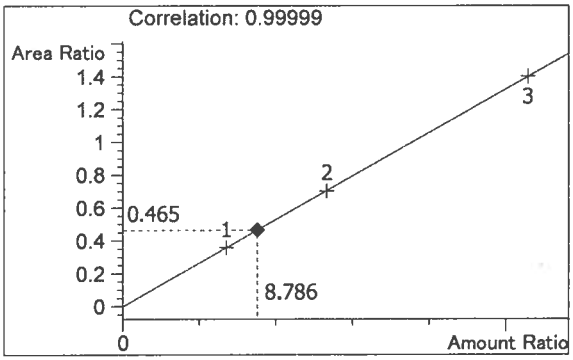
RF

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

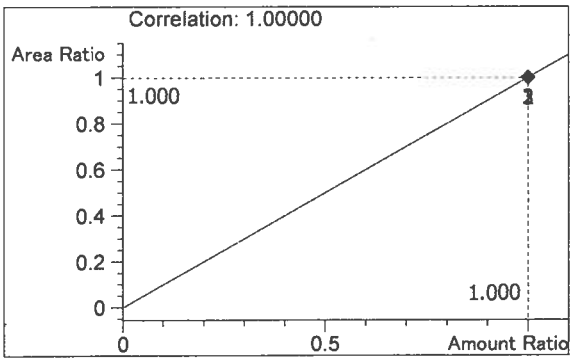
Inj. Date: 7/18/2014 12:15:55 PM Sample Name: 14021-5
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 14
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1190	1.053
2	n-Propanol	2561	1.730



Ethanol 0.105 g/100mL

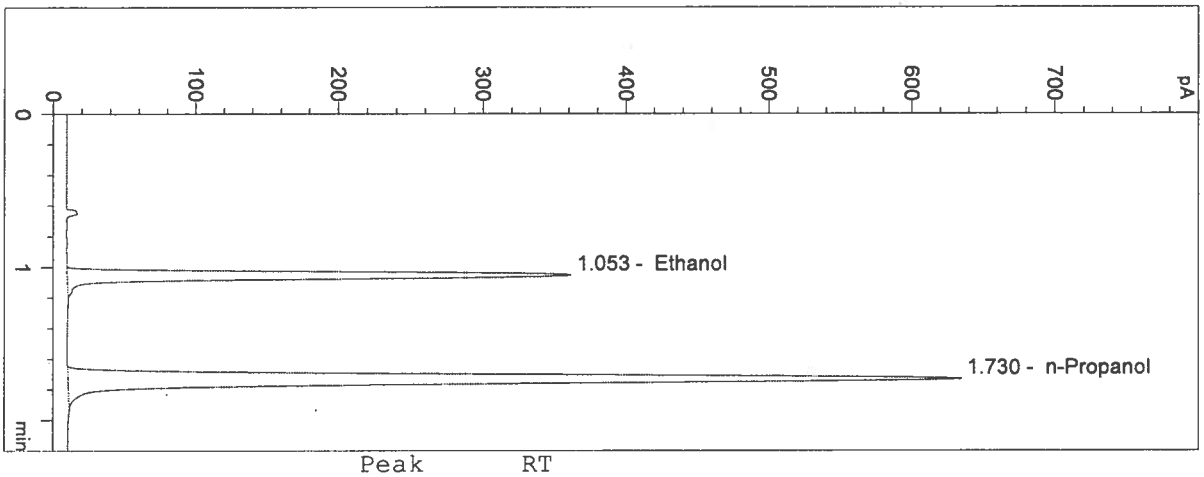


n-Propanol 0.012 g/100mL

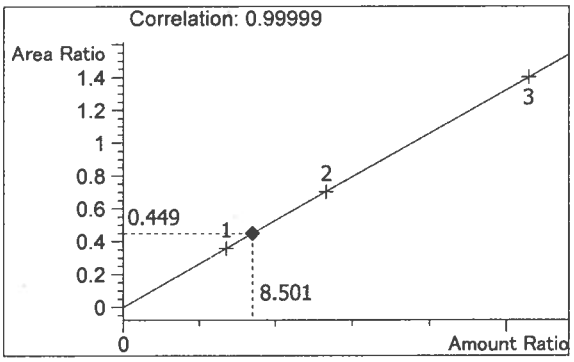
RF

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

Inj. Date: 7/18/2014 12:19:10 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 15
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

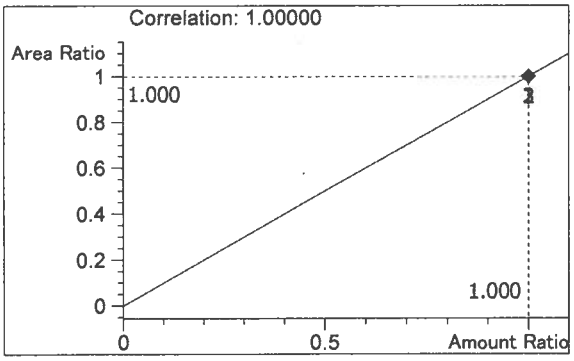


#	Compound	Peak Area	RT (min)
1	Ethanol	1119	1.053
2	n-Propanol	2490	1.730



Ethanol 0.102 g/100mL

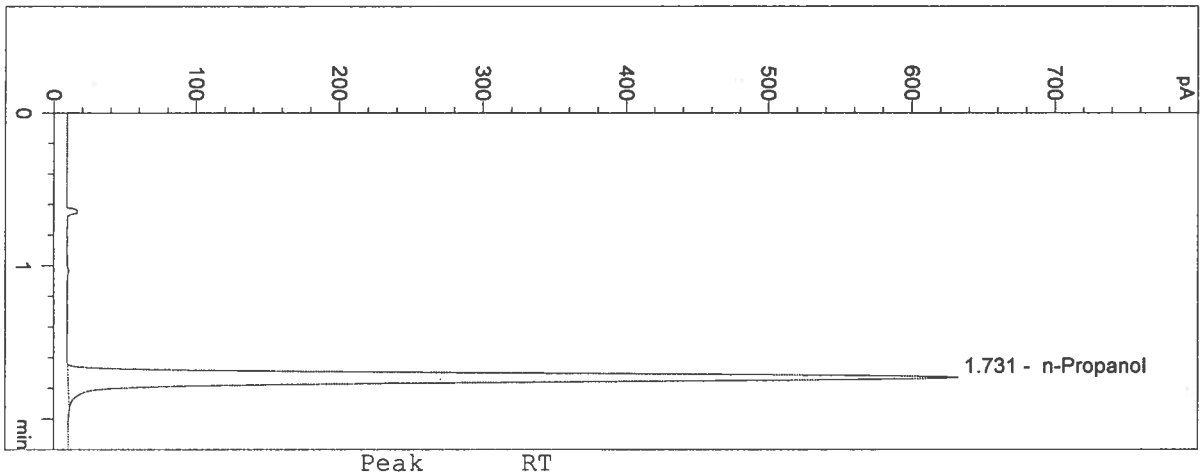
14021



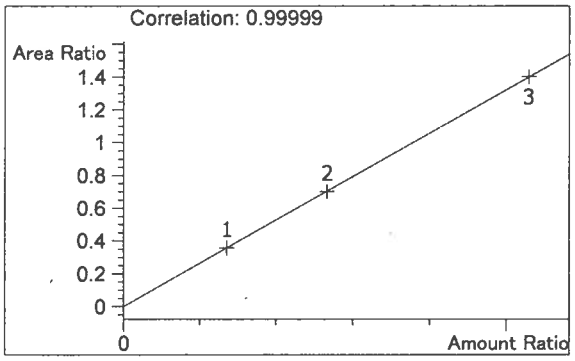
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/18/2014 12:22:22 PM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 16
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

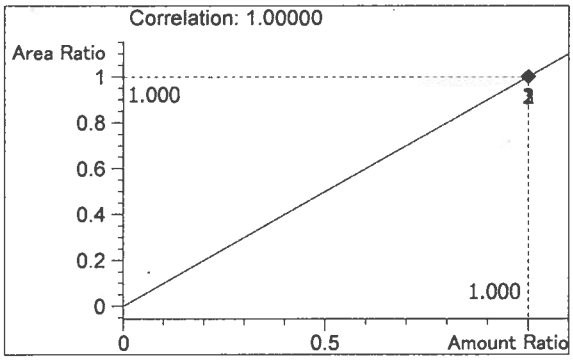


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2485	1.731



Ethanol 0.000 g/100mL

14021



n-Propanol 0.012 g/100mL

RF

Sequence Parameters:

Sequence : C:\CHEM32\1\SEQUENCE\DSESS.S

Operator : Dawn Sklerov

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

Data Subdirectory : 140718DS

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: E0414-01 - exp: 10/15/14
CAL 2: 0.158 g/100 mL - Lot: E0414-02 - exp: 10/15/14
CAL 3: 0.316 g/100 mL - Lot: E0414-03 - exp: 10/15/14
CTRL 1: 0.04 g/100 mL - Lot: FN05011301 - exp: 5/2018
CTRL 2: 0.10 g/100 mL - Lot: FN08051301 - exp: 10/2018
CTRL 3: 0.20 g/100 mL - Lot: FN100511-01 - exp: 10/2016
n-Propanol: Lot: P0514 - exp: 8/27/2014

14021

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	
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp	
10	Vial 10	14021-1	SIMALC1	1	Sample	

DS

Sequence: C:\CHEM32\1\SEQUENCE\DSESS.S

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
11	Vial 11	14021-2	SIMALC1	1	Sample	
12	Vial 12	14021-3	SIMALC1	1	Sample	
13	Vial 13	14021-4	SIMALC1	1	Sample	
14	Vial 14	14021-5	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!

14021

DS

Calibration Table

General Calibration Setting

Calib. Data Modified : Friday, July 18, 2014 9:35:49 AM

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

14021

Signal Details

Signal 1: FID1 A,

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
1.053	1	1	8.12400e-2	906.14001	8.96550e-5	No	No 1	Ethanol
		2	1.59860e-1	1675.98535	9.53827e-5			
		3	3.17330e-1	3364.43555	9.43189e-5			
1.730	1	1	1.20000e-2	2476.70850	4.84514e-6	No	Yes 1	n-Propanol

DS

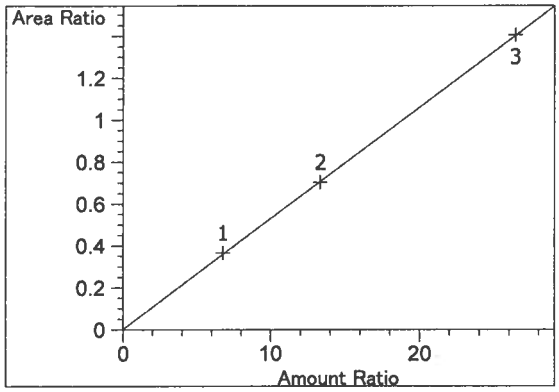
Method C:\CHEM32\1\METHODS\SIMALC1.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	2383.76440	5.03405e-6			
		3	1.20000e-2	2394.89087	5.01067e-6			

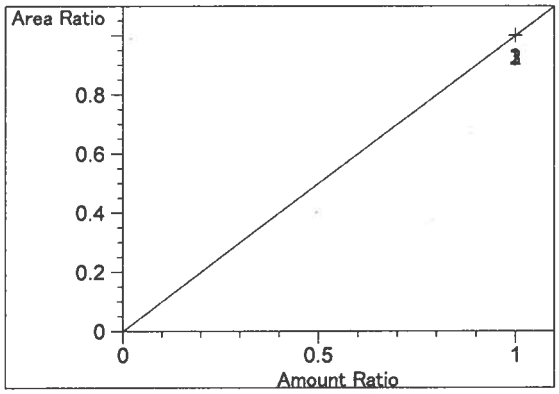
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.053
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00527
Formula: y = mx + b
m: 5.30250e-2
b: 1.55620e-3
x: Amount
y: Area



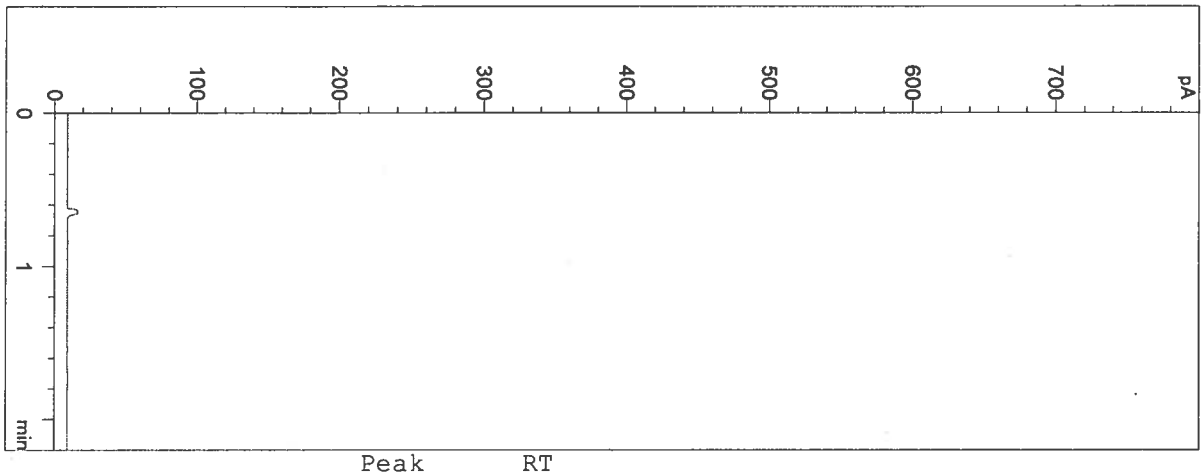
n-Propanol at exp. RT: 1.730
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

14021

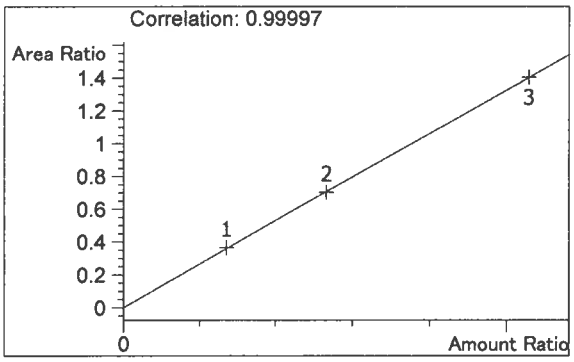
DS

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

Inj. Date: 7/18/2014 9:23:43 AM Sample Name: BLANK
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

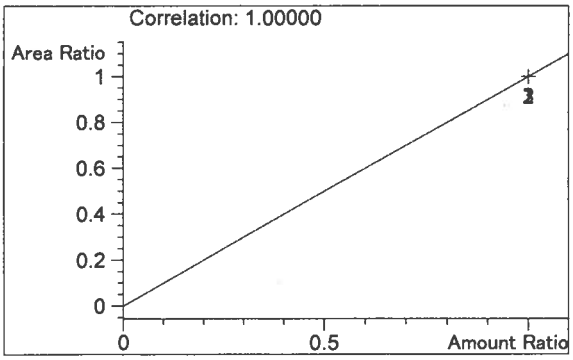


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14021

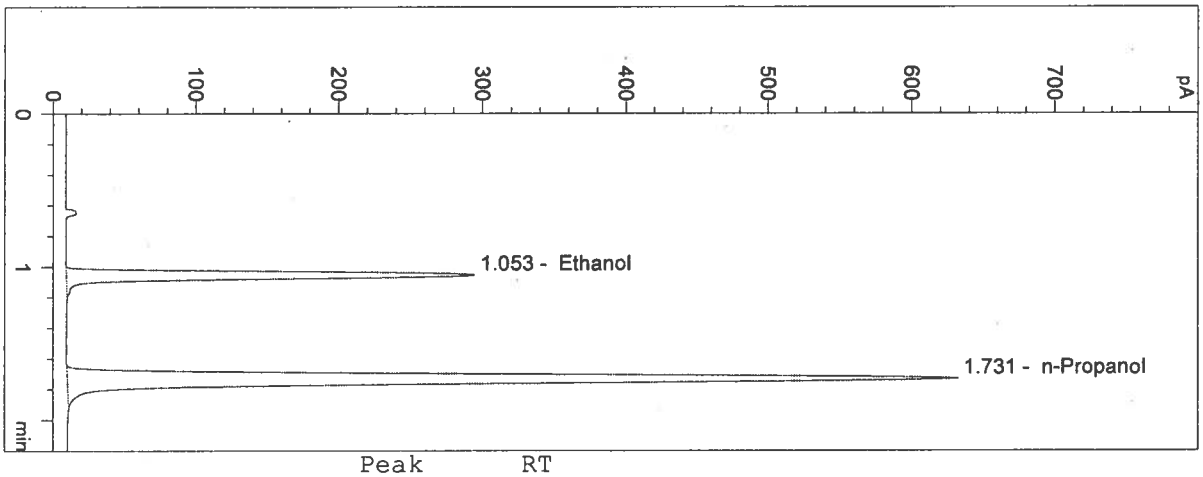


n-Propanol 0.000 g/100mL

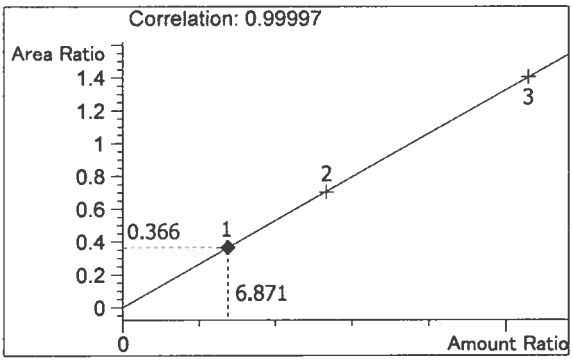
Data File: C:\CHEM32\1\DATA\140718DS\001F0101.D Page 1 of 1

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

Inj. Date: 7/18/2014 9:27:02 AM Sample Name: CAL 1 (0.079)
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 2
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

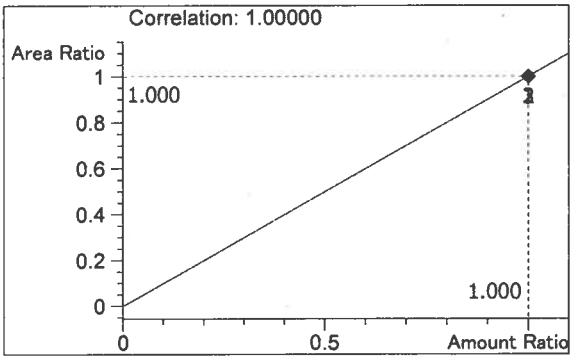


#	Compound	Peak Area	RT (min)
1	Ethanol	906	1.053
2	n-Propanol	2477	1.731



Ethanol 0.082 g/100mL

14021

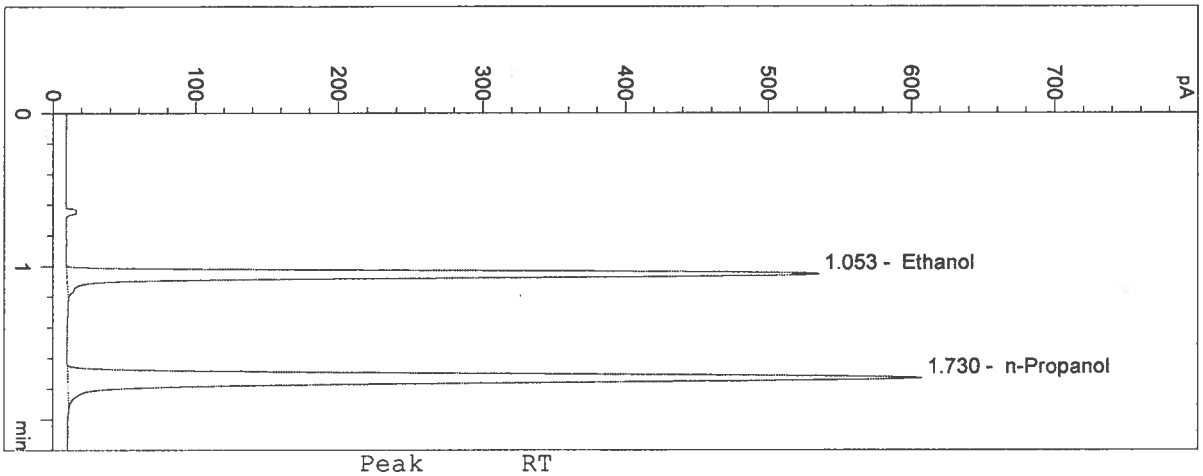


n-Propanol 0.012 g/100mL

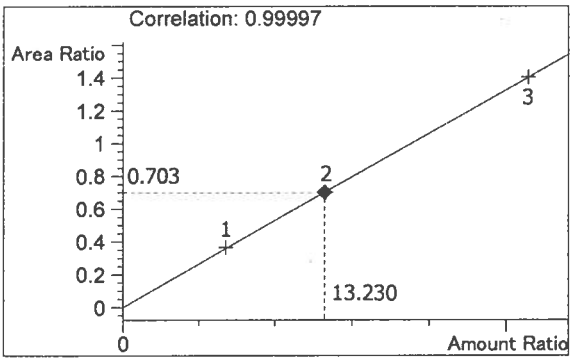
DS

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

Inj. Date: 7/18/2014 9:30:17 AM Sample Name: CAL 2 (0.158)
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 3
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

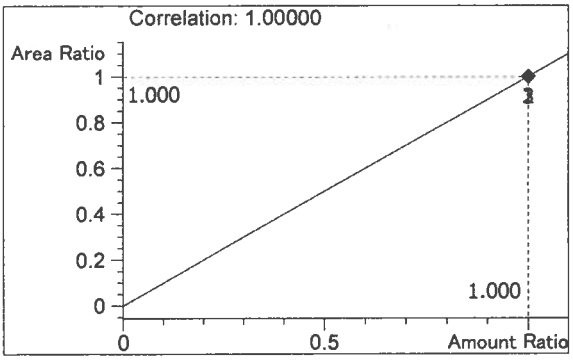


#	Compound	Peak Area	RT (min)
1	Ethanol	1676	1.053
2	n-Propanol	2384	1.730



Ethanol 0.159 g/100mL

14021

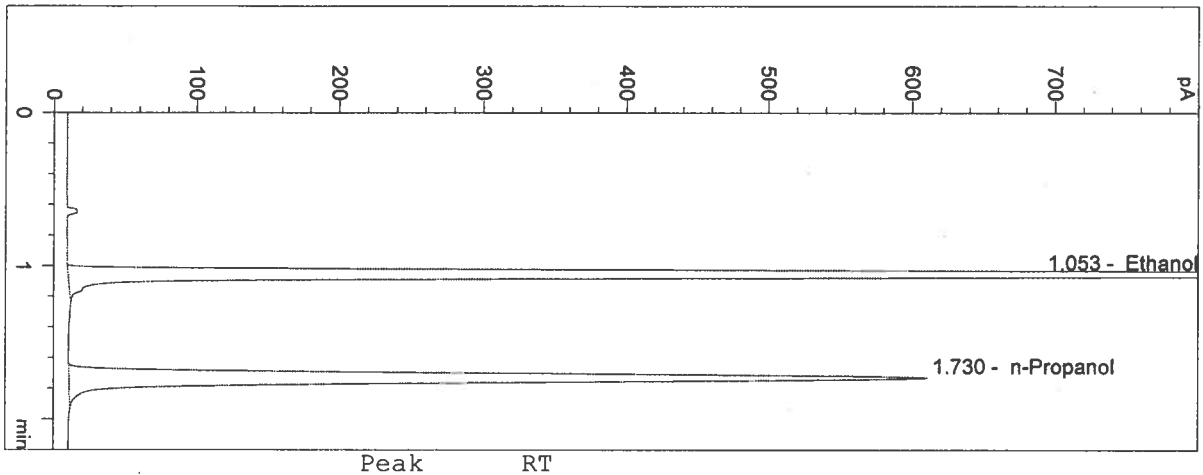


n-Propanol 0.012 g/100mL

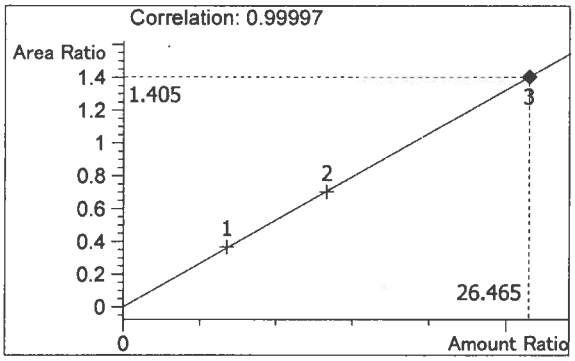
DS

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

Inj. Date: 7/18/2014 9:33:35 AM Sample Name: CAL 3 (0.316)
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 4
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

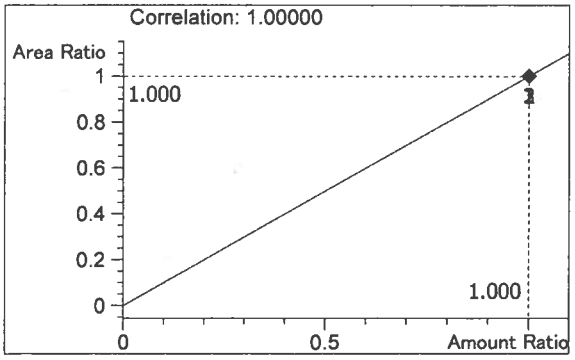


#	Compound	Peak Area	RT (min)
1	Ethanol	3364	1.053
2	n-Propanol	2395	1.730



Ethanol 0.318 g/100mL

14021

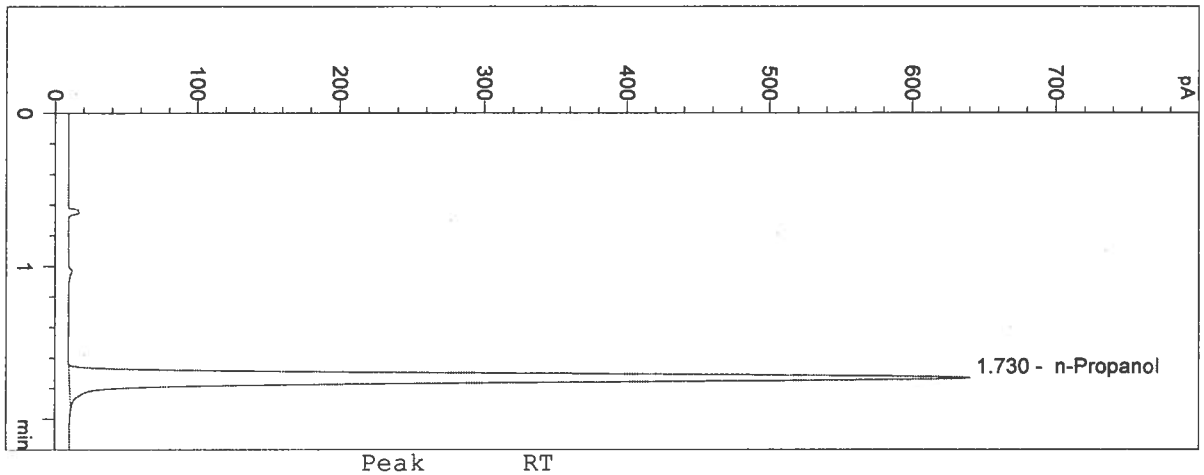


n-Propanol 0.012 g/100mL

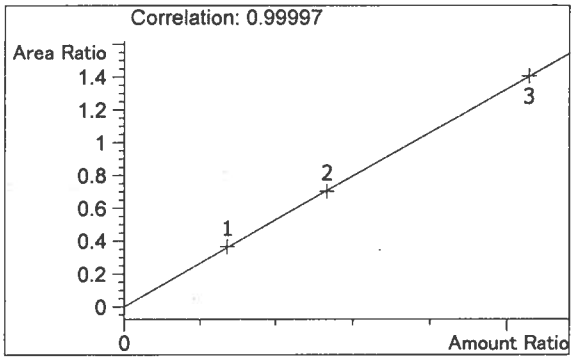
DS

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

Inj. Date: 7/18/2014 9:36:49 AM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 5
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

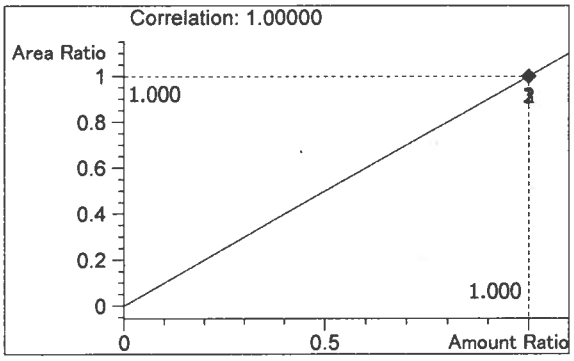


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2513	1.730



Ethanol 0.000 g/100mL

14021

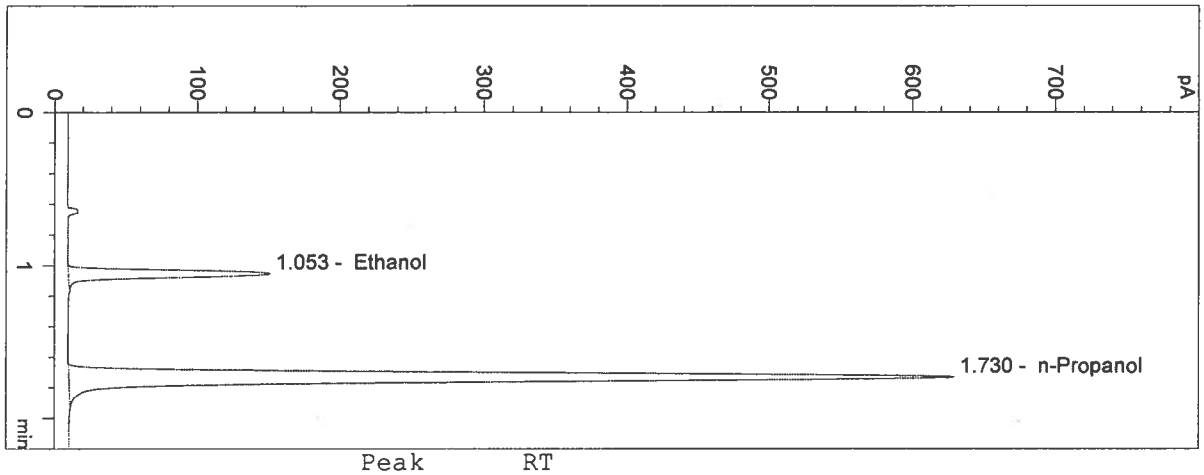


n-Propanol 0.012 g/100mL

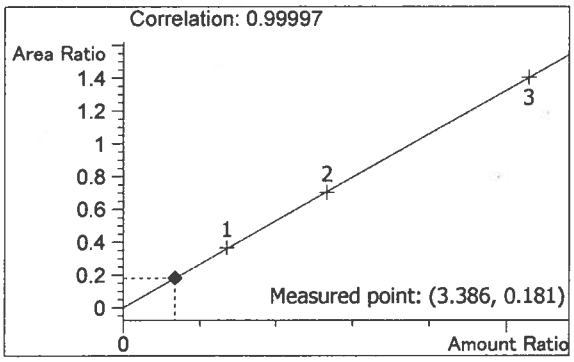
DS

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

Inj. Date: 7/18/2014 9:40:01 AM Sample Name: CTRL 1 (0.04)
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 6
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

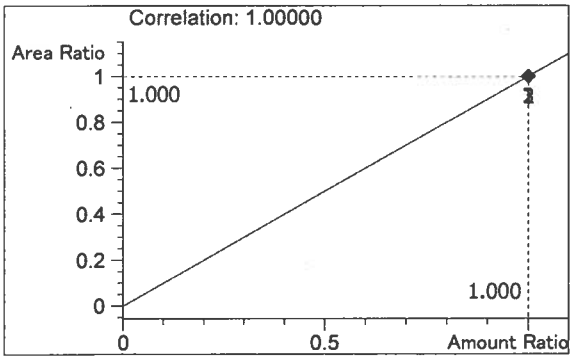


#	Compound	Peak Area	RT (min)
1	Ethanol	446	1.053
2	n-Propanol	2466	1.730



Ethanol 0.041 g/100mL

14021

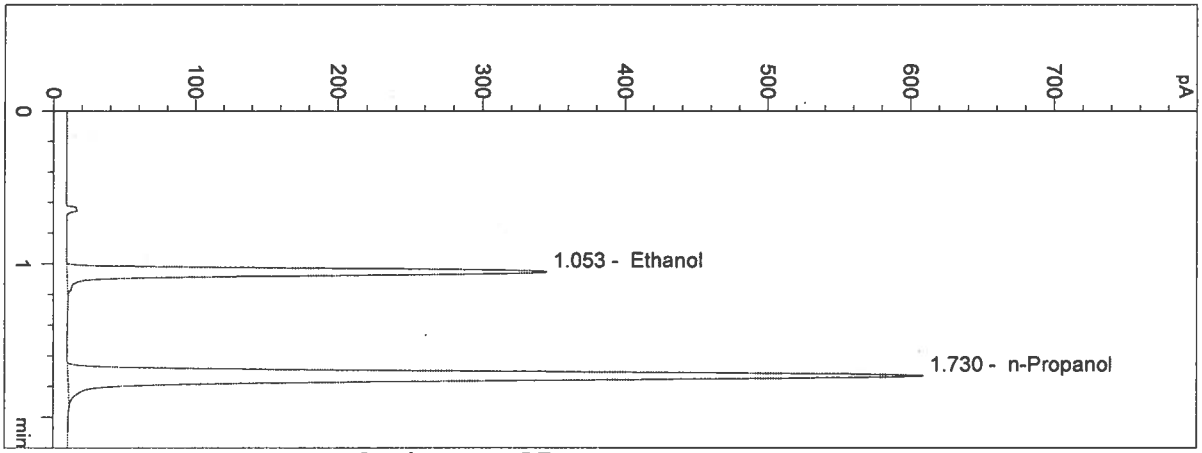


n-Propanol 0.012 g/100mL

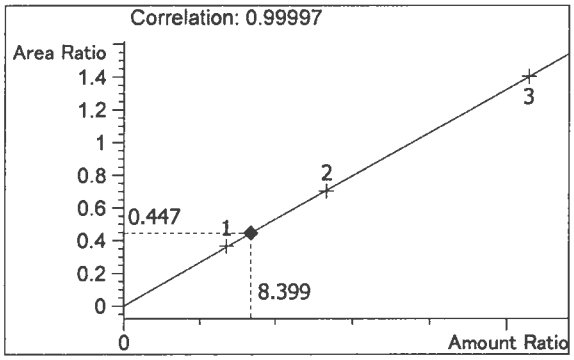
DS

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

Inj. Date: 7/18/2014 9:43:14 AM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 7
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

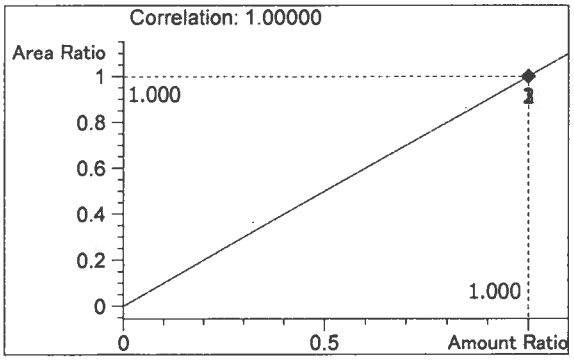


#	Compound	Peak Area	RT (min)
1	Ethanol	1070	1.053
2	n-Propanol	2395	1.730



Ethanol 0.101 g/100mL

14021

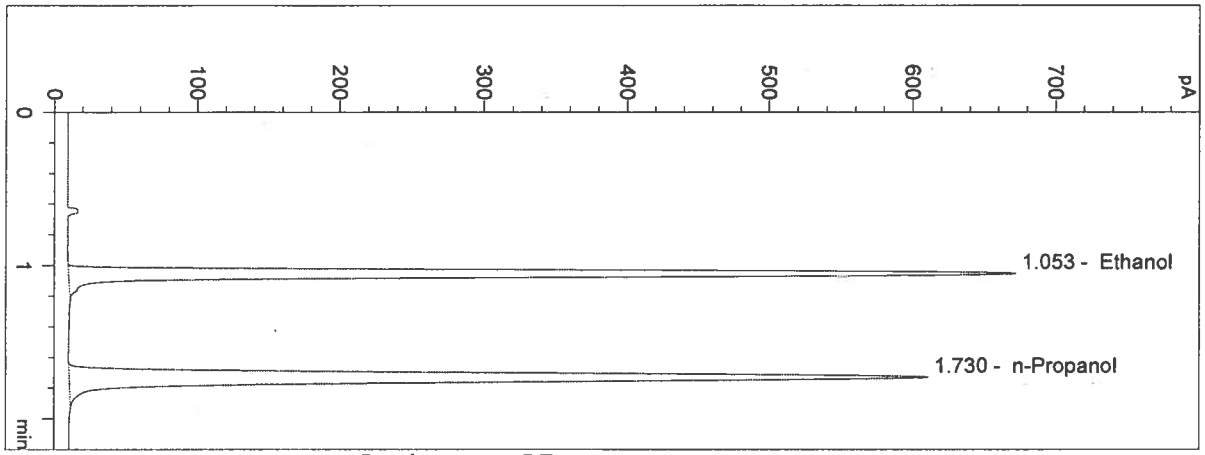


n-Propanol 0.012 g/100mL

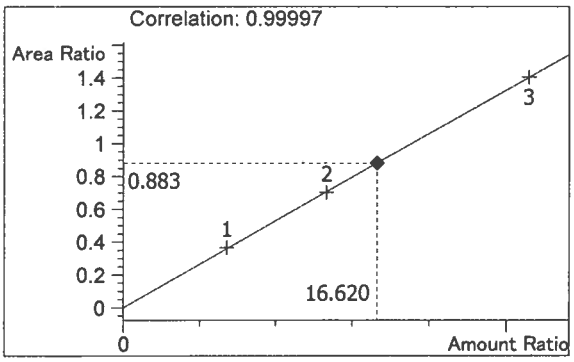
05

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

Inj. Date: 7/18/2014 9:46:28 AM Sample Name: CTRL 3 (0.20)
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 8
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

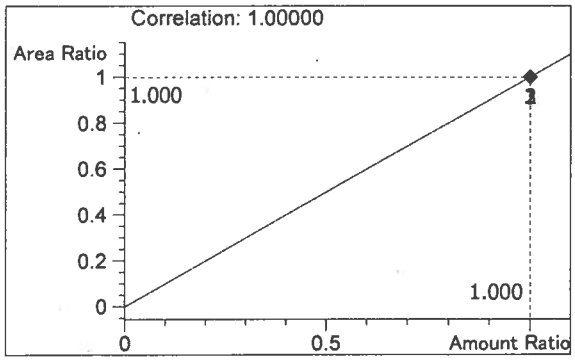


#	Compound	Peak Area	RT (min)
1	Ethanol	2119	1.053
2	n-Propanol	2401	1.730



Ethanol 0.199 g/100mL

14021

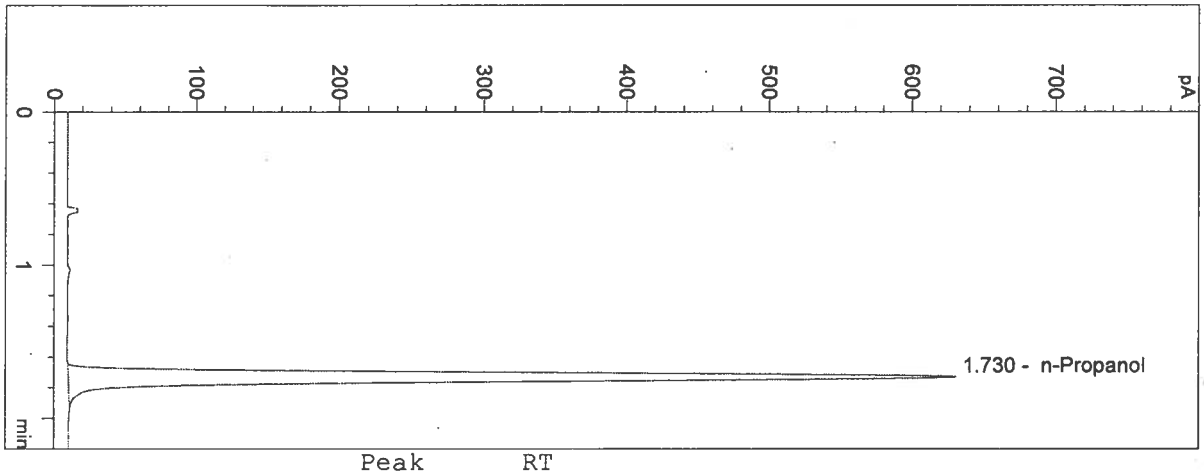


n-Propanol 0.012 g/100mL

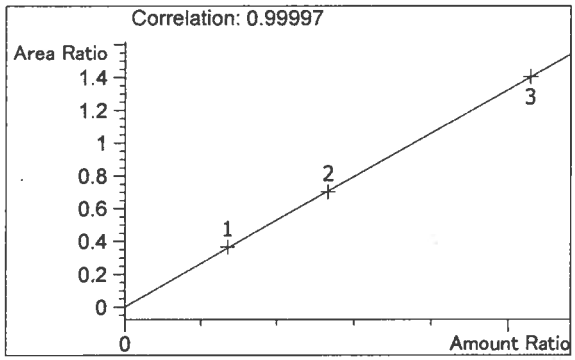
DS

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

Inj. Date: 7/18/2014 9:49:42 AM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 9
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

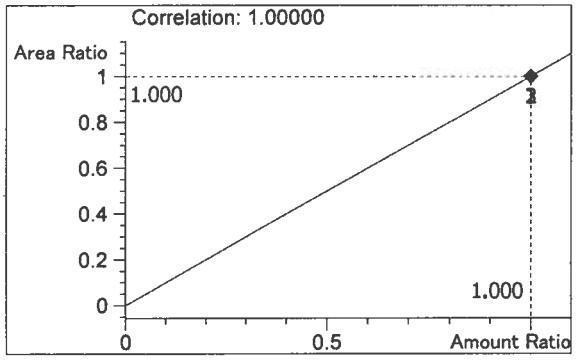


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2479	1.730



Ethanol 0.000 g/100mL

14021

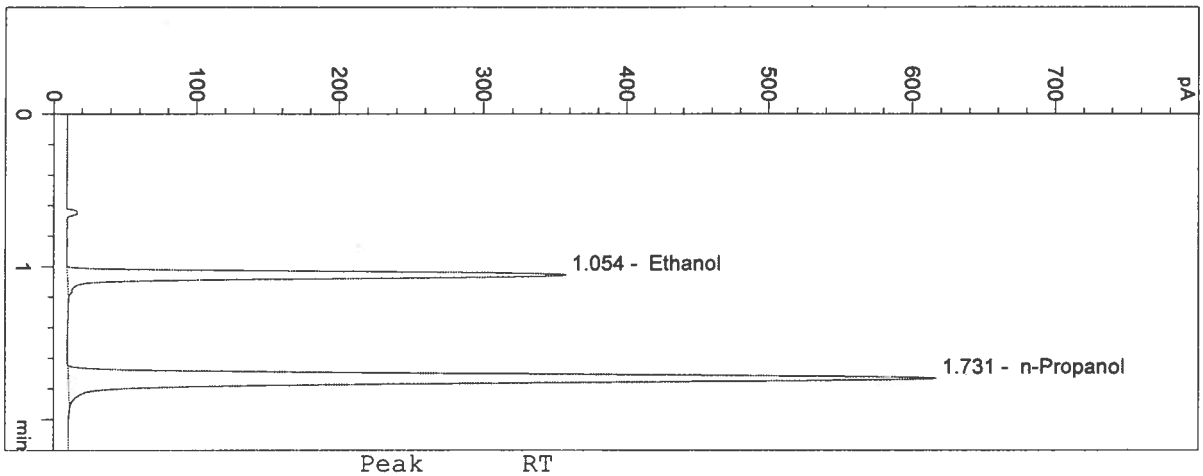


n-Propanol 0.012 g/100mL

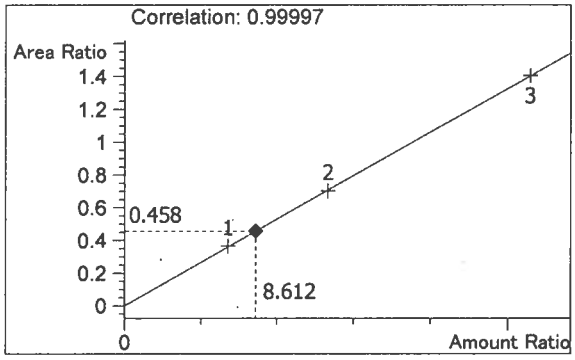
DS

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

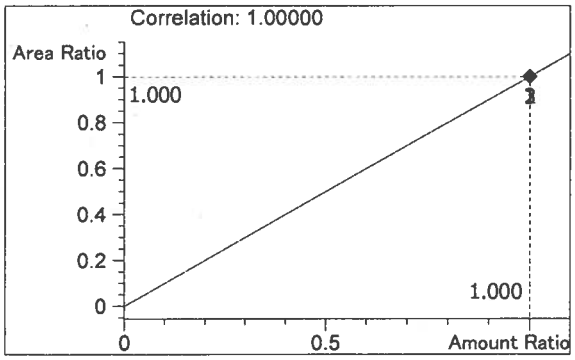
Inj. Date: 7/18/2014 9:52:54 AM Sample Name: 14021-1
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 10
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.054
2	n-Propanol	2430	1.731



Ethanol 0.103 g/100mL

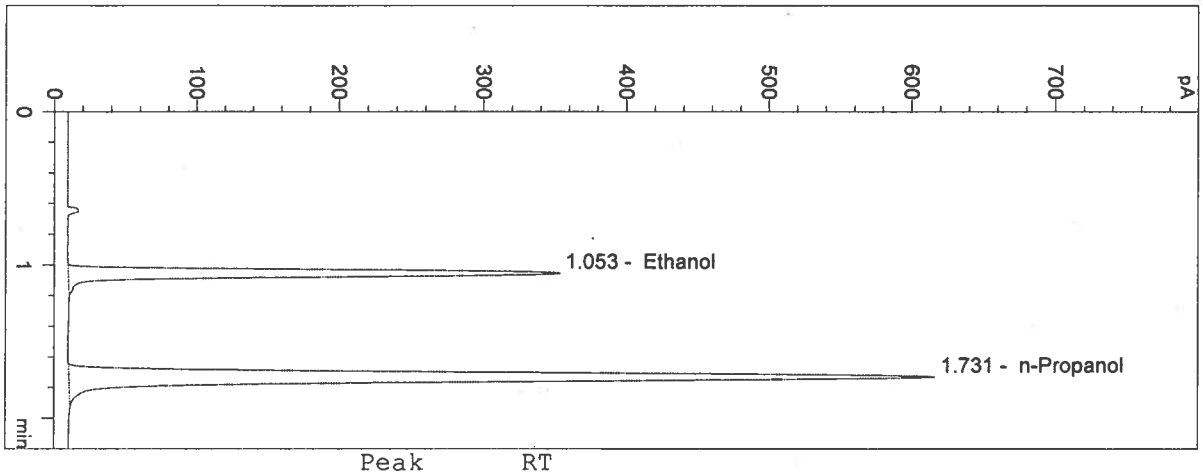


n-Propanol 0.012 g/100mL

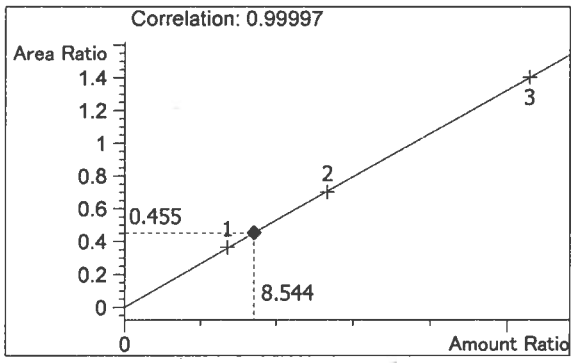
DS

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

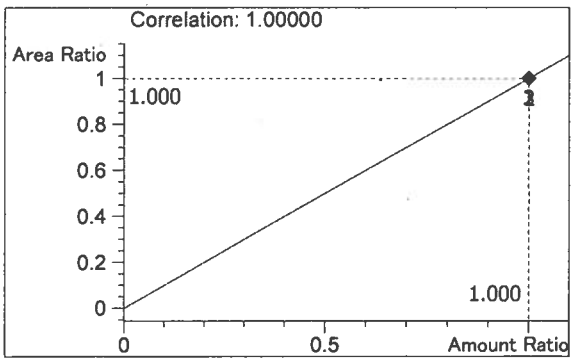
Inj. Date: 7/18/2014 9:56:08 AM Sample Name: 14021-2
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 11
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1102	1.053
2	n-Propanol	2425	1.731



Ethanol 0.103 g/100mL

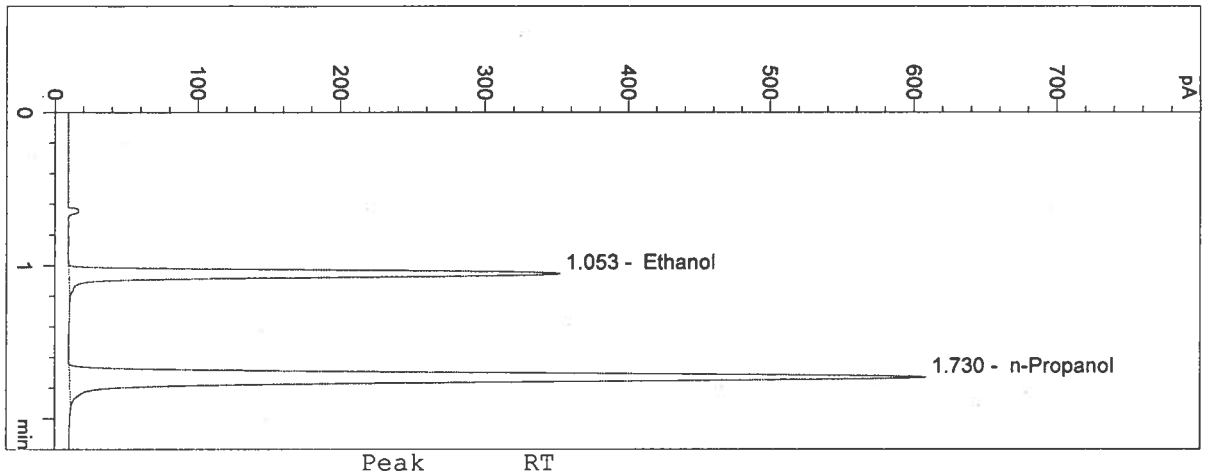


n-Propanol 0.012 g/100mL

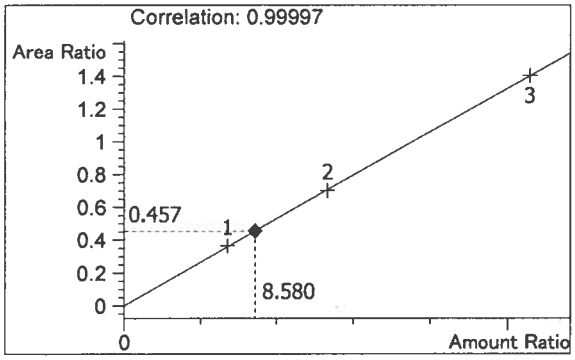
DS

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

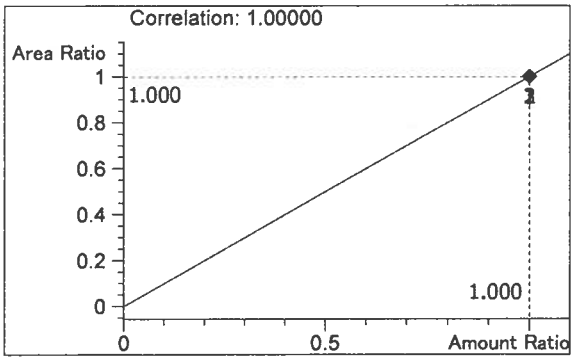
Inj. Date: 7/18/2014 9:59:20 AM Sample Name: 14021-3
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 12
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1092	1.053
2	n-Propanol	2392	1.730



Ethanol 0.103 g/100mL

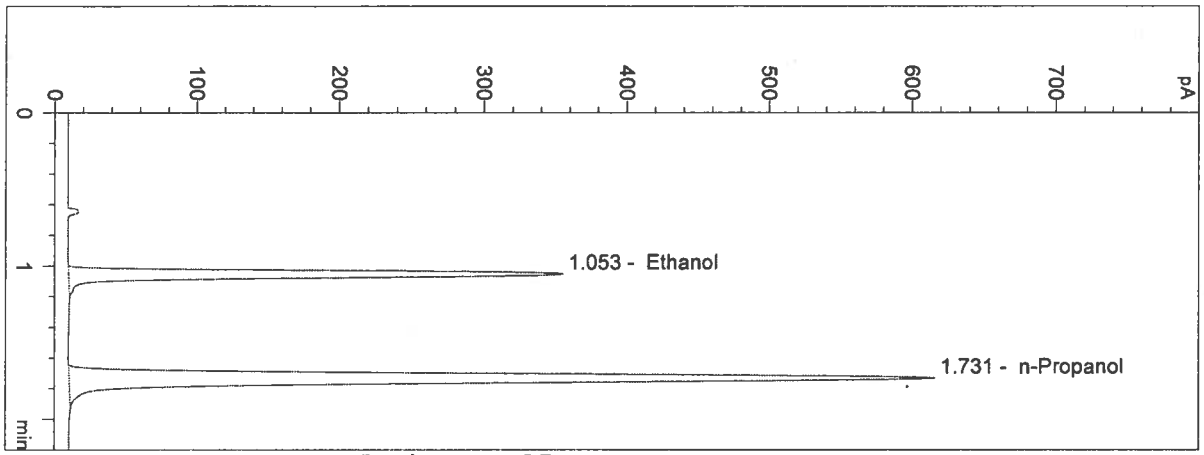


n-Propanol 0.012 g/100mL

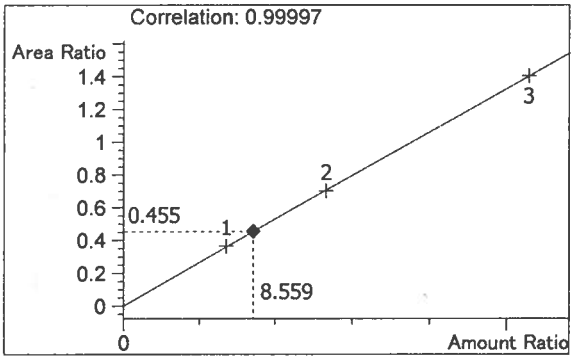
DS

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

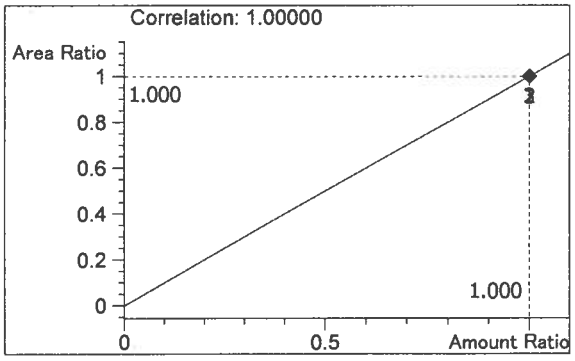
Inj. Date: 7/18/2014 10:02:34 AM Sample Name: 14021-4
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 13
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1107	1.053
2	n-Propanol	2430	1.731



Ethanol 0.103 g/100mL

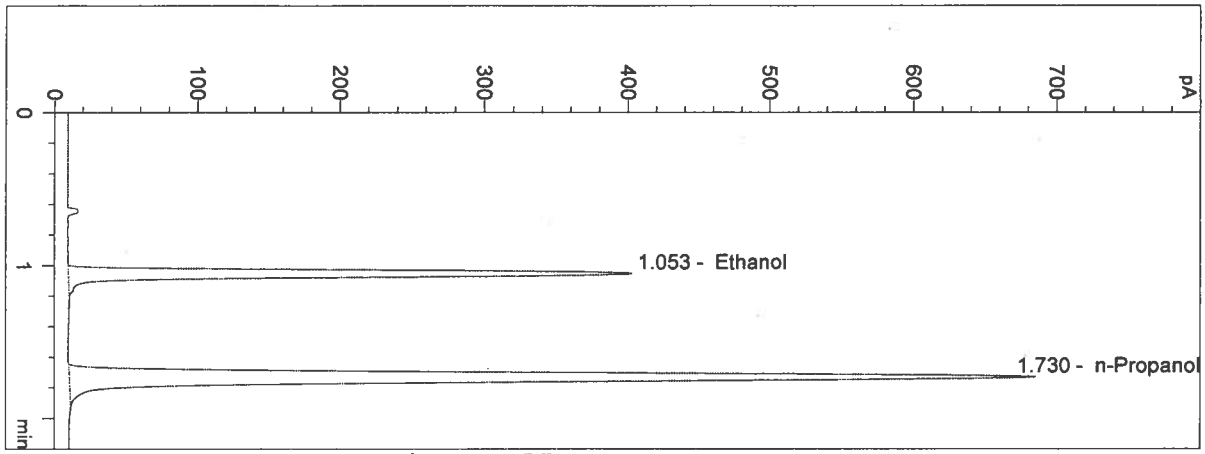


n-Propanol 0.012 g/100mL

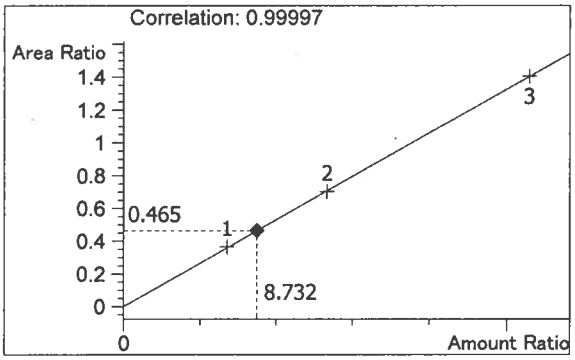
DS

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

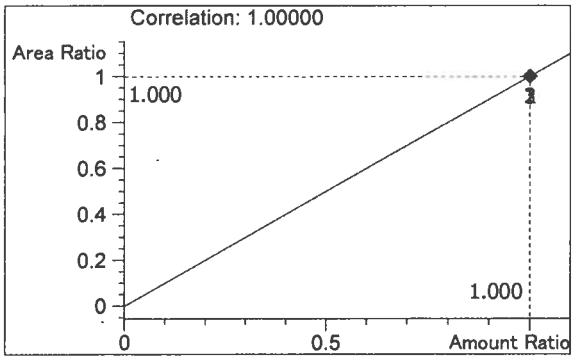
Inj. Date: 7/18/2014 10:05:47 AM Sample Name: 14021-5
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 14
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1249	1.053
2	n-Propanol	2688	1.730



Ethanol 0.105 g/100mL

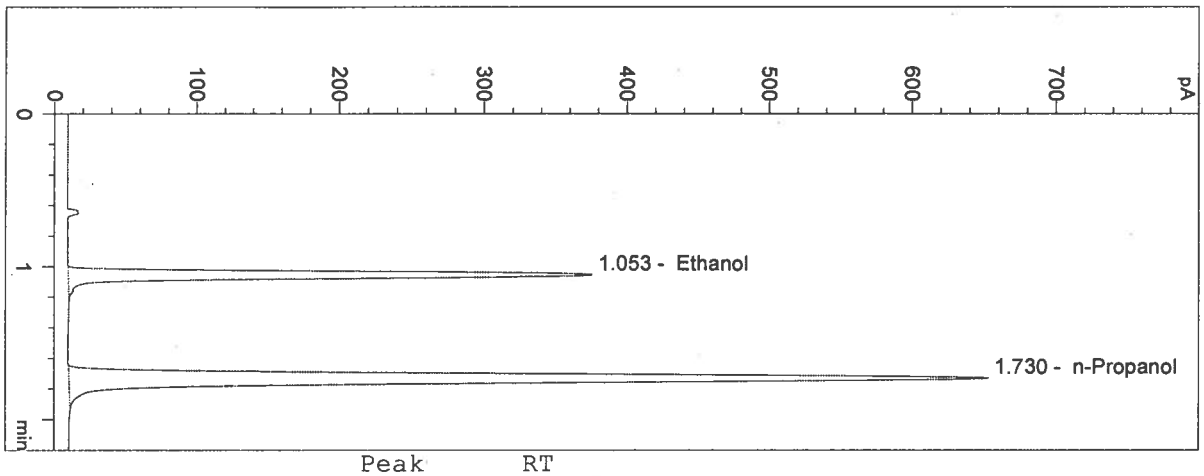


n-Propanol 0.012 g/100mL

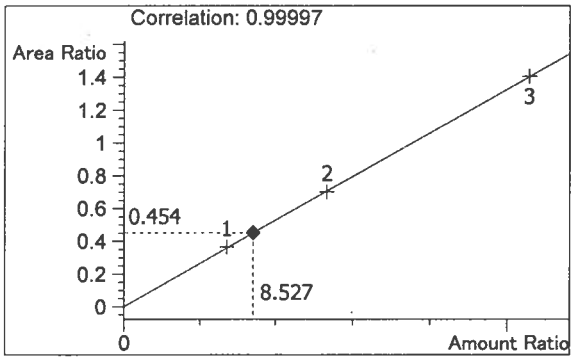
DS

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

Inj. Date: 7/18/2014 10:09:02 AM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 15
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

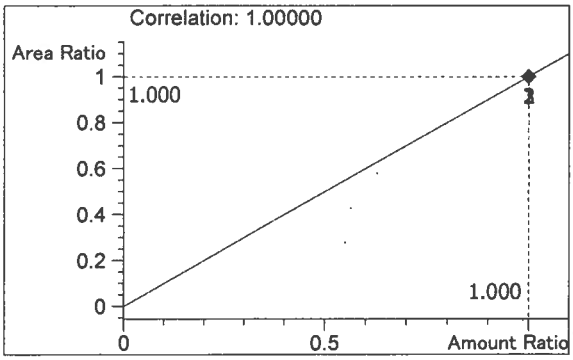


#	Compound	Peak Area	RT (min)
1	Ethanol	1162	1.053
2	n-Propanol	2561	1.730



Ethanol 0.102 g/100mL

14021

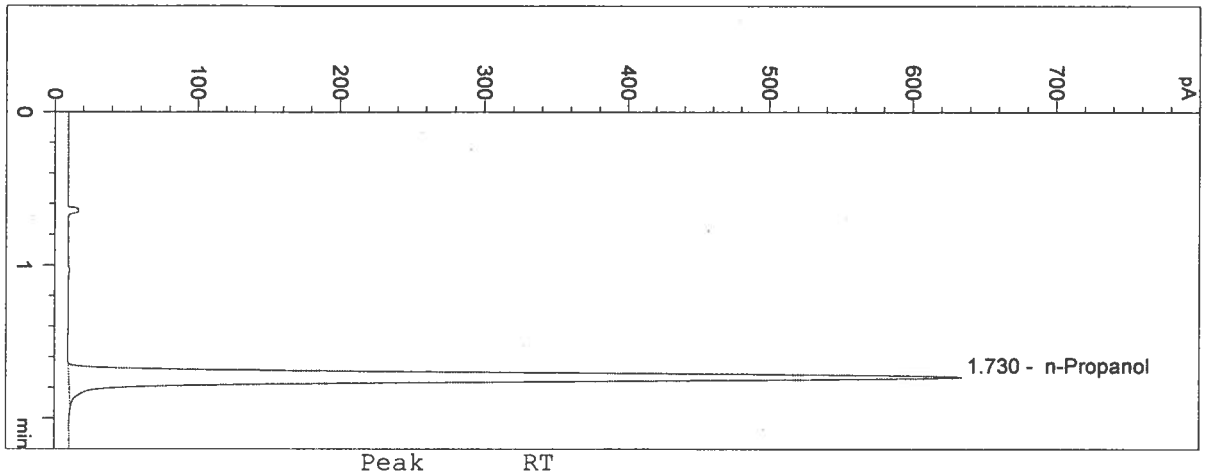


n-Propanol 0.012 g/100mL

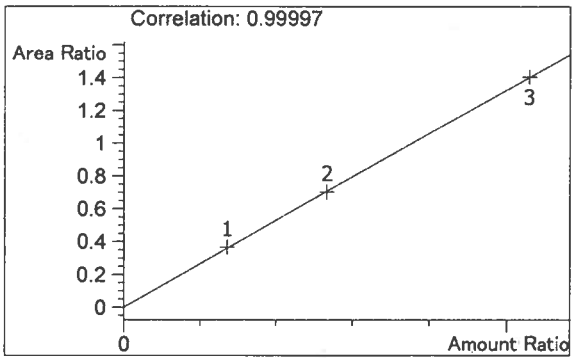
DS

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

Inj. Date: 7/18/2014 10:12:14 AM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 16
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

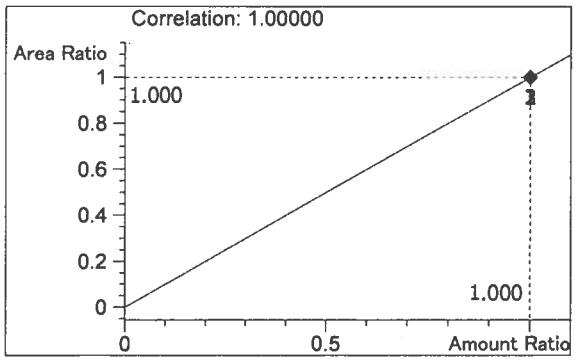


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2491	1.730



Ethanol 0.000 g/100mL

14021



n-Propanol 0.012 g/100mL

DS

Sequence Parameters:

Sequence : C:\CHEM32\1\SEQUENCE\JKESS.S

Operator : Justin Knoy

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

Data Subdirectory : 140722JK

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: E0414-01 - exp: 10/15/14
CAL 2: 0.158 g/100 mL - Lot: E0414-02 - exp: 10/15/14
CAL 3: 0.316 g/100 mL - Lot: E0414-03 - exp: 10/15/14
CTRL 1: 0.04 g/100 mL - Lot: FN05011301 - exp: 5/2018
CTRL 2: 0.10 g/100 mL - Lot: FN08051301 - exp: 10/2018
CTRL 3: 0.20 g/100 mL - Lot: FN100511-01 - exp: 10/2016
n-Propanol: Lot: P0514 - exp: 8/27/2014

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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	
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp	
10	Vial 10	14021-1	SIMALC1	1	Sample	

JK

Sequence: C:\CHEM32\1\SEQUENCE\JKESS.S

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
11	Vial 11	14021-2	SIMALC1	1	Sample	
12	Vial 12	14021-3	SIMALC1	1	Sample	
13	Vial 13	14021-4	SIMALC1	1	Sample	
14	Vial 14	14021-5	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!

14021

JK

Calibration Table

General Calibration Setting

Calib. Data Modified : Tuesday, July 22, 2014 12:13:36 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

14021

Signal Details

Signal 1: FID1 A,

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD	#	Compound
1.052	1	1	8.12400e-2	841.52795	9.65387e-5	No	No	1	Ethanol
		2	1.59860e-1	1650.36646	9.68633e-5				
		3	3.17330e-1	3332.10083	9.52342e-5				
1.729	1	1	1.20000e-2	2365.48633	5.07295e-6	No	Yes	1	n-Propanol

JK

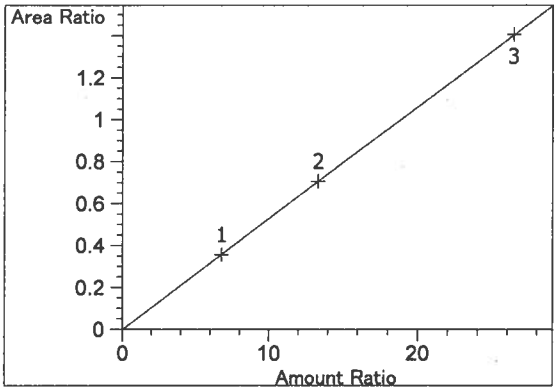
Method C:\CHEM32\1\METHODS\SIMALC1.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	2338.22266	5.13210e-6			
		3	1.20000e-2	2370.18701	5.06289e-6			

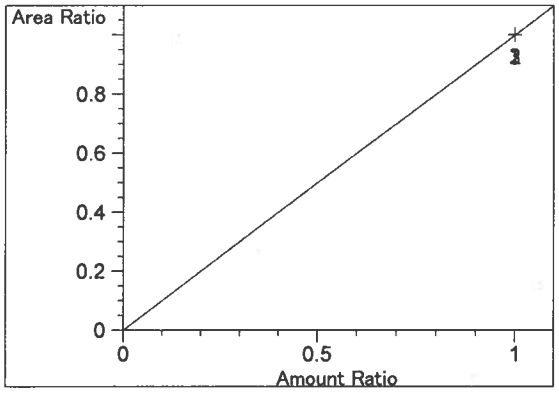
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.052
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00241
Formula: y = mx + b
m: 5.32050e-2
b: -2.13153e-3
x: Amount
y: Area



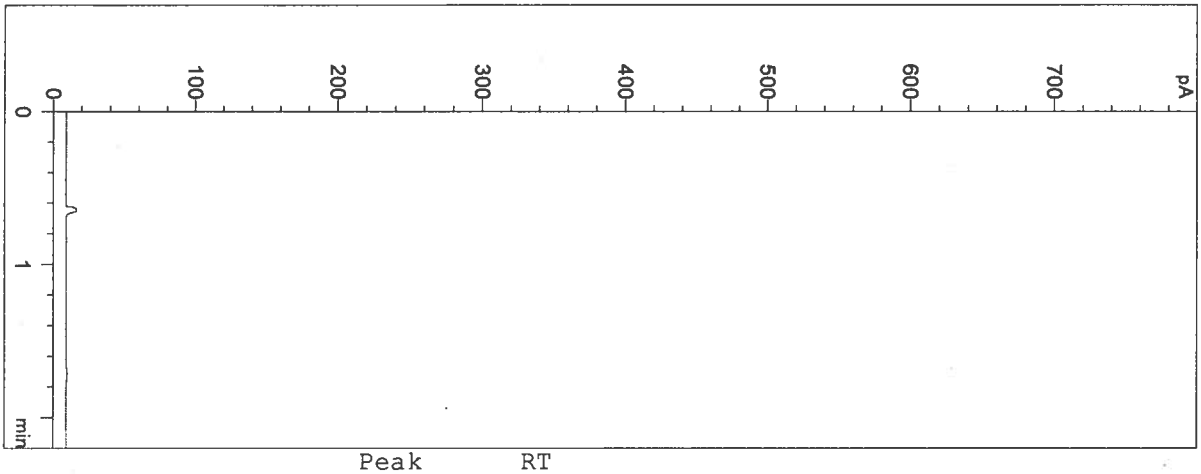
n-Propanol at exp. RT: 1.729
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

14021

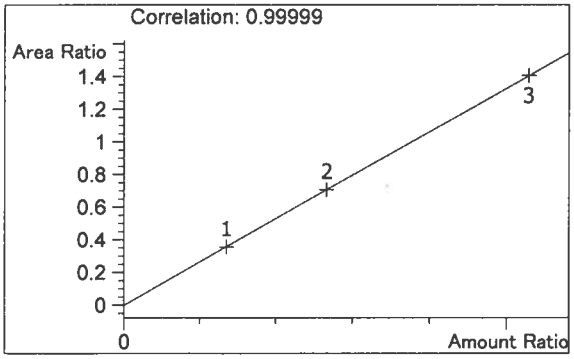
JK

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

Inj. Date: 7/22/2014 12:01:30 PM Sample Name: BLANK
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

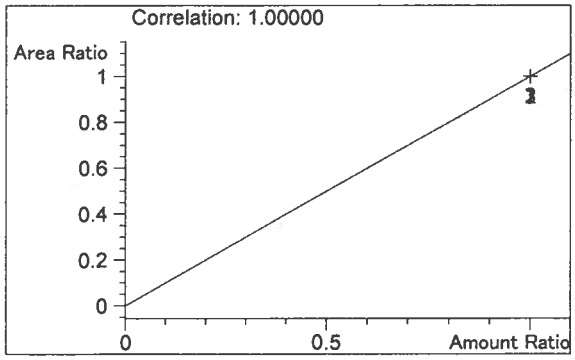


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

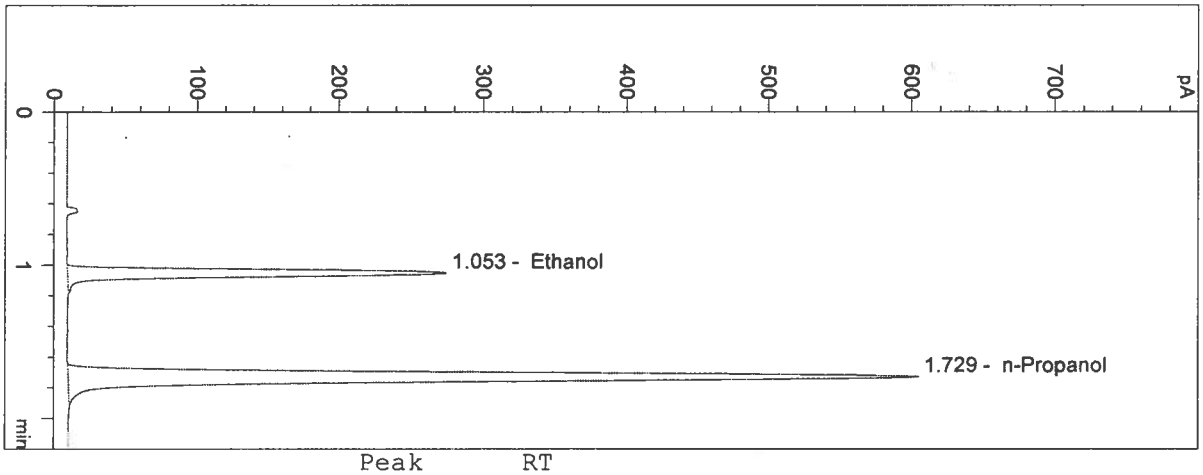
14021



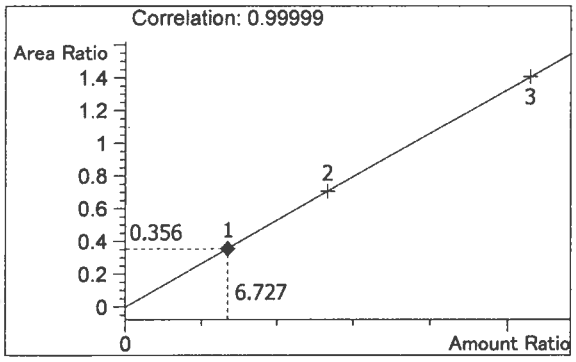
n-Propanol 0.000 g/100mL

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

Inj. Date: 7/22/2014 12:04:47 PM Sample Name: CAL 1 (0.079)
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 2
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

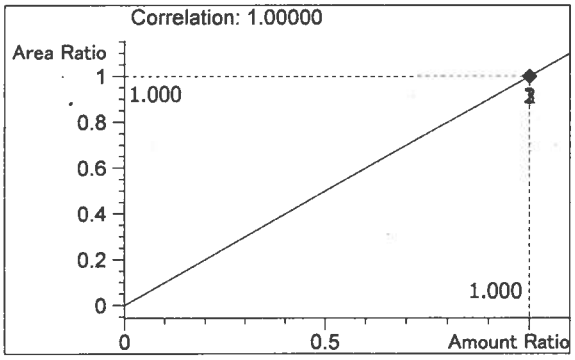


#	Compound	Peak Area	RT (min)
1	Ethanol	842	1.053
2	n-Propanol	2365	1.729



Ethanol 0.081 g/100mL

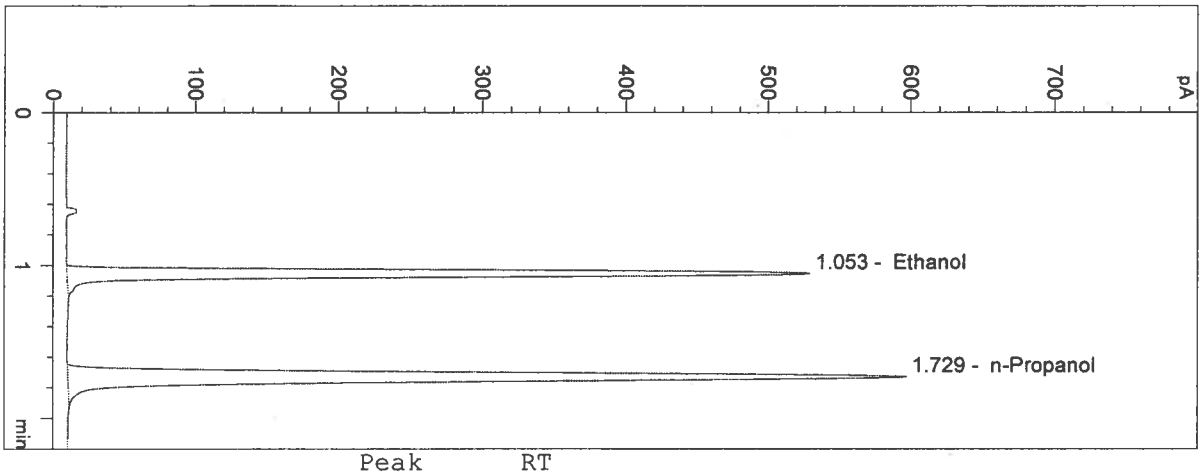
14021



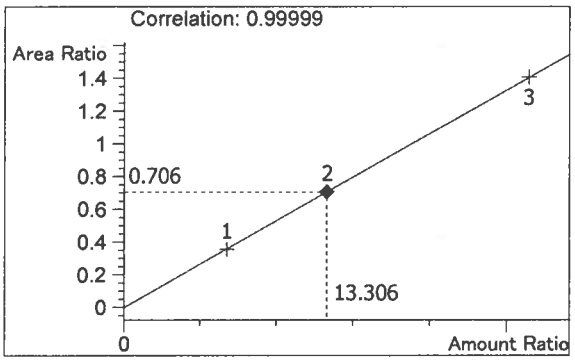
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/22/2014 12:08:04 PM Sample Name: CAL 2 (0.158)
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 3
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

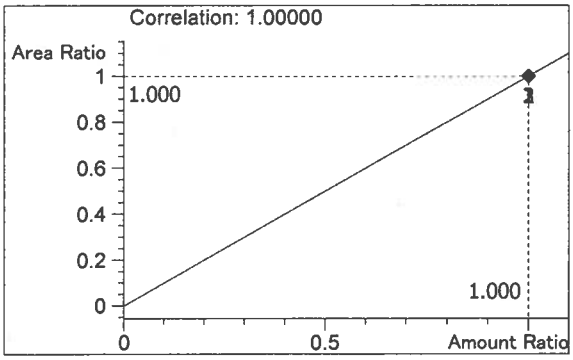


#	Compound	Peak Area	RT (min)
1	Ethanol	1650	1.053
2	n-Propanol	2338	1.729



Ethanol 0.160 g/100mL

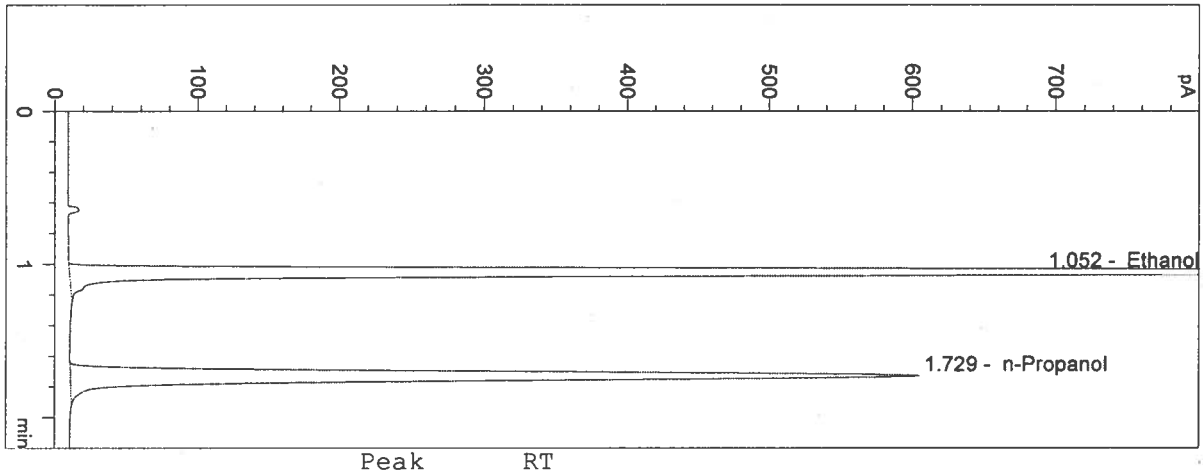
14021



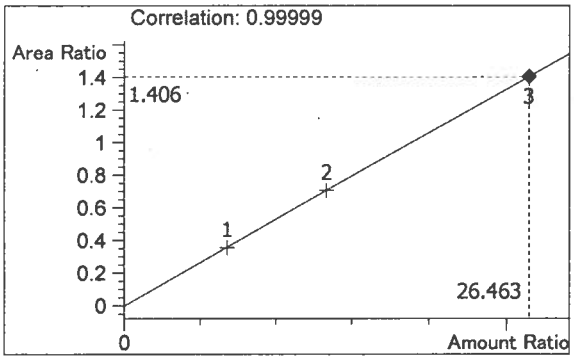
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/22/2014 12:11:21 PM Sample Name: CAL 3 (0.316)
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 4
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

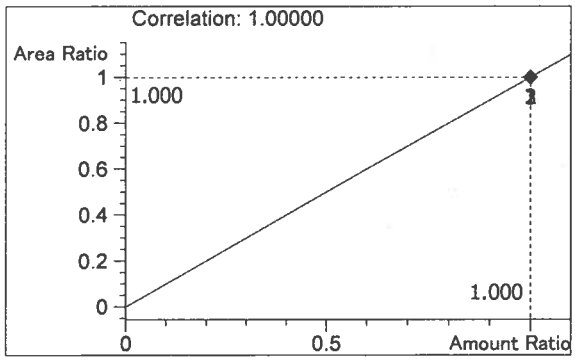


#	Compound	Peak Area	RT (min)
1	Ethanol	3332	1.052
2	n-Propanol	2370	1.729



Ethanol 0.318 g/100mL

14021

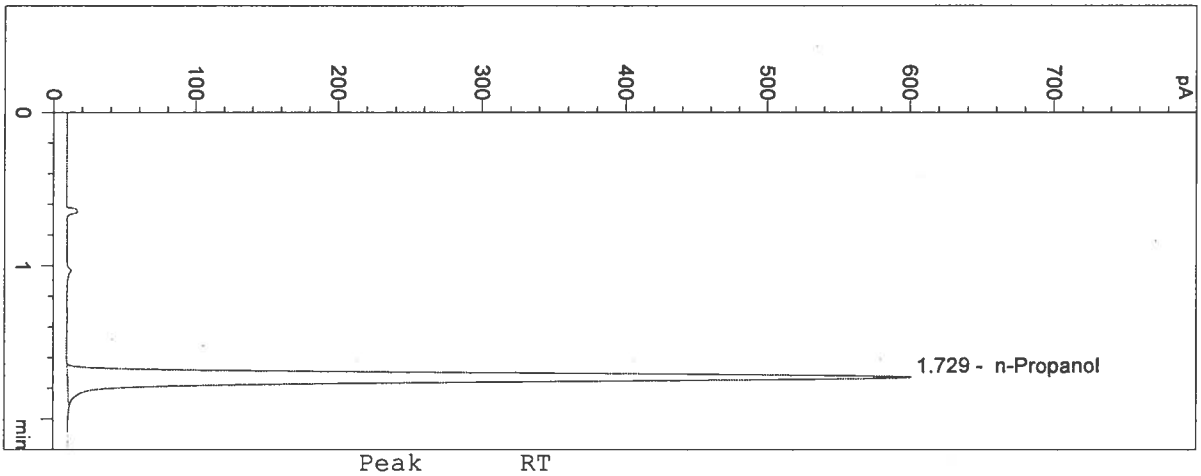


n-Propanol 0.012 g/100mL

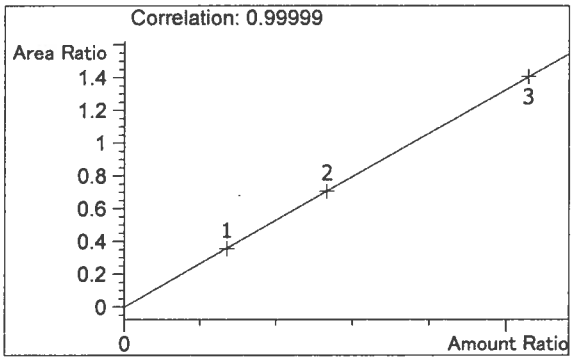
JK

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

Inj. Date: 7/22/2014 12:14:36 PM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 5
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

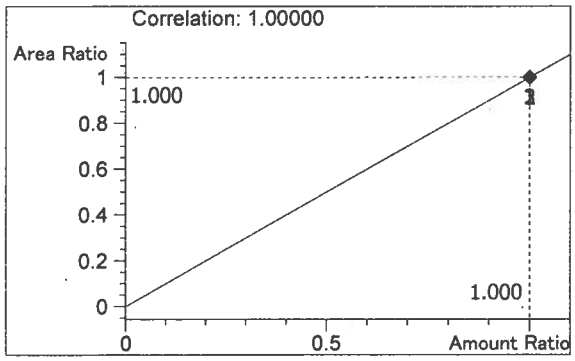


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2353	1.729



Ethanol 0.000 g/100mL

14021

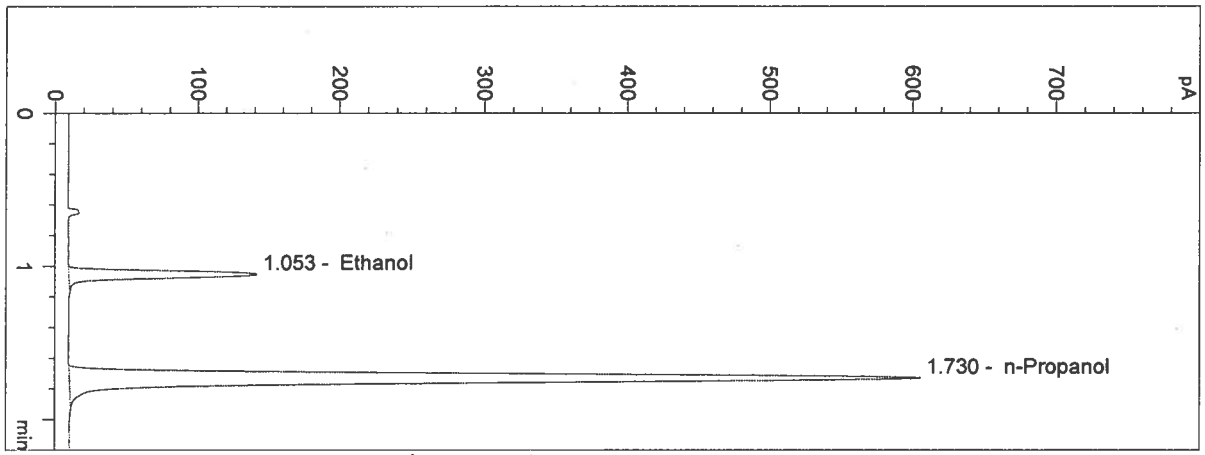


n-Propanol 0.012 g/100mL

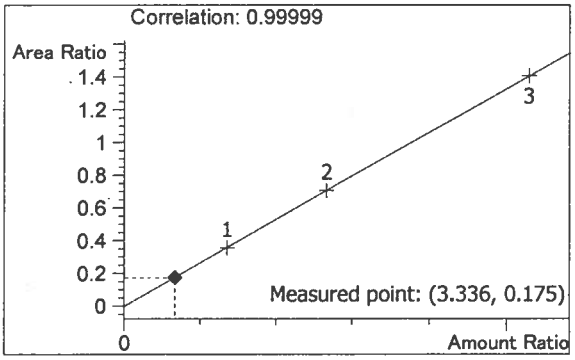
Data File: C:\CHEM32\1\DATA\140722JK\005F0501.D Page 1 of 1

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

Inj. Date: 7/22/2014 12:17:48 PM Sample Name: CTRL 1 (0.04)
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 6
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

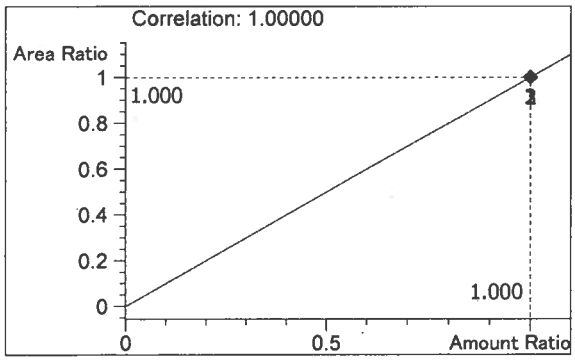


#	Compound	Peak Area	RT (min)
1	Ethanol	416	1.053
2	n-Propanol	2375	1.730



Ethanol 0.040 g/100mL

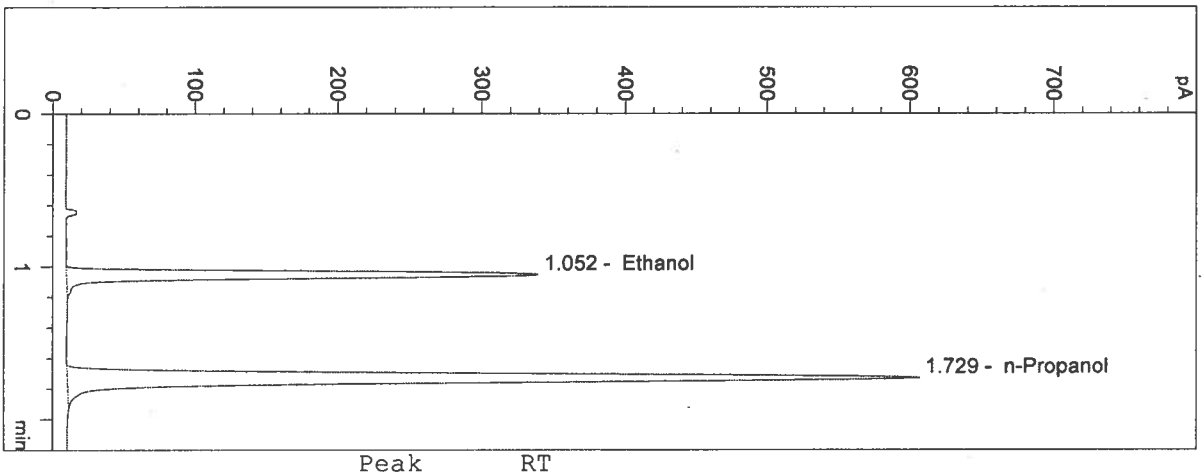
14021



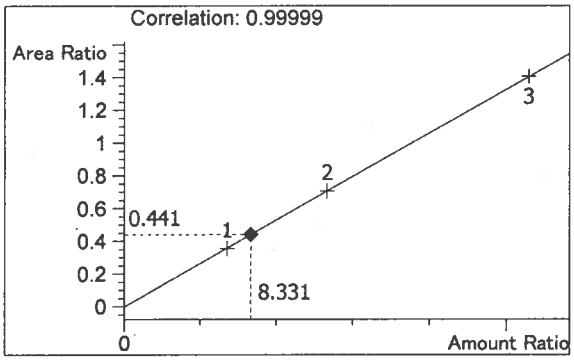
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/22/2014 12:21:02 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 7
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

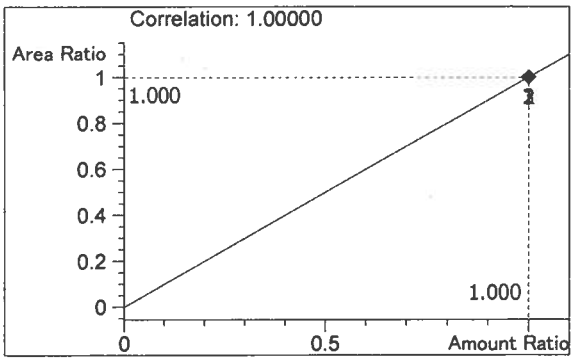


#	Compound	Peak Area	RT (min)
1	Ethanol	1050	1.052
2	n-Propanol	2381	1.729



Ethanol 0.100 g/100mL

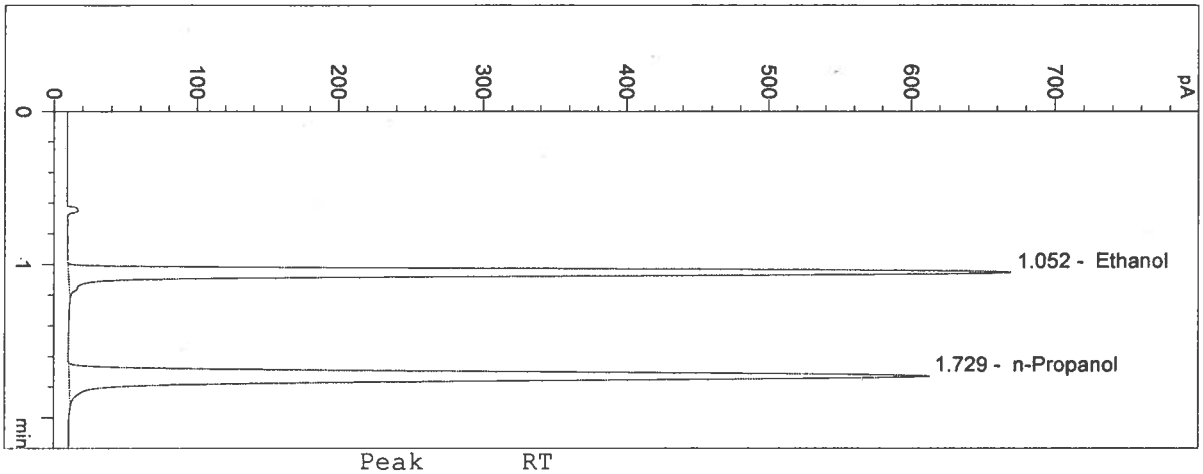
14021



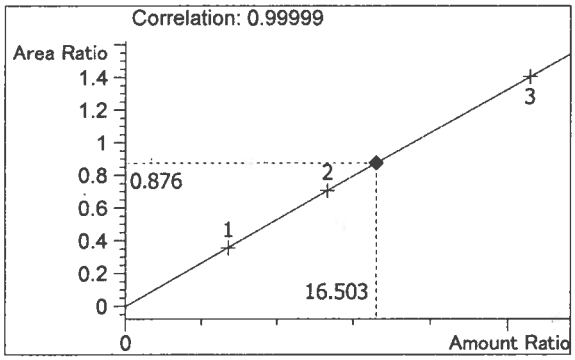
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/22/2014 12:24:14 PM Sample Name: CTRL 3 (0.20)
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 8
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

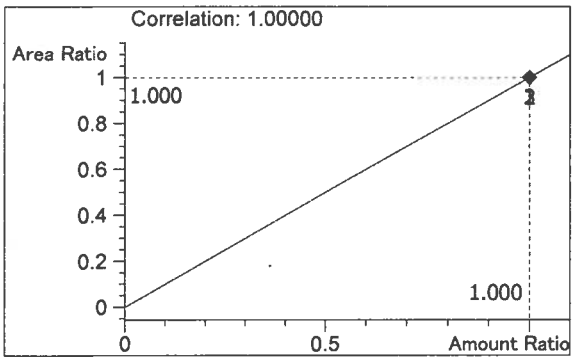


#	Compound	Peak Area	RT (min)
1	Ethanol	2108	1.052
2	n-Propanol	2407	1.729



Ethanol 0.198 g/100mL

14021

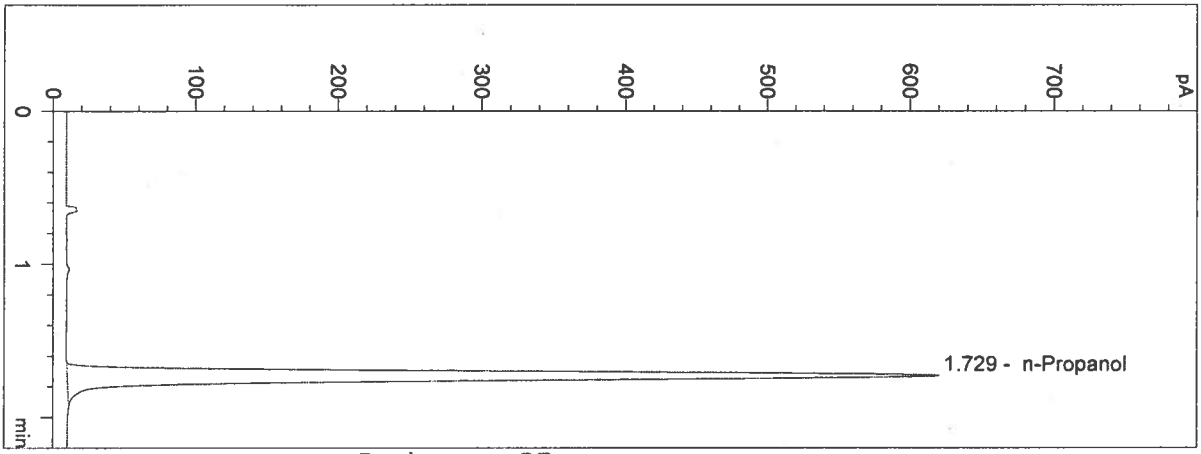


n-Propanol 0.012 g/100mL

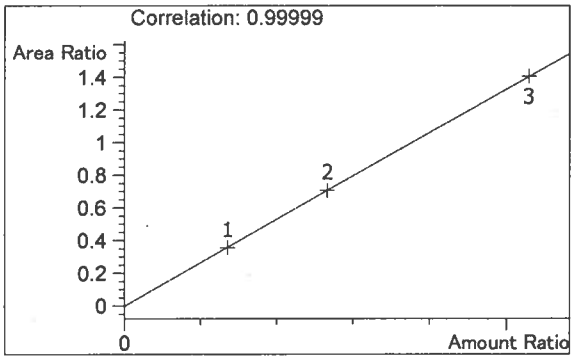
NK

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

Inj. Date: 7/22/2014 12:27:28 PM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 9
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

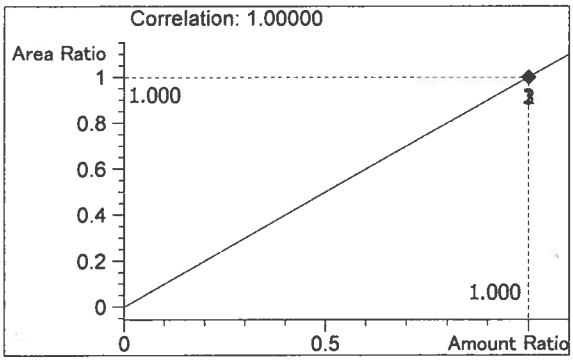


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2447	1.729



Ethanol 0.000 g/100mL

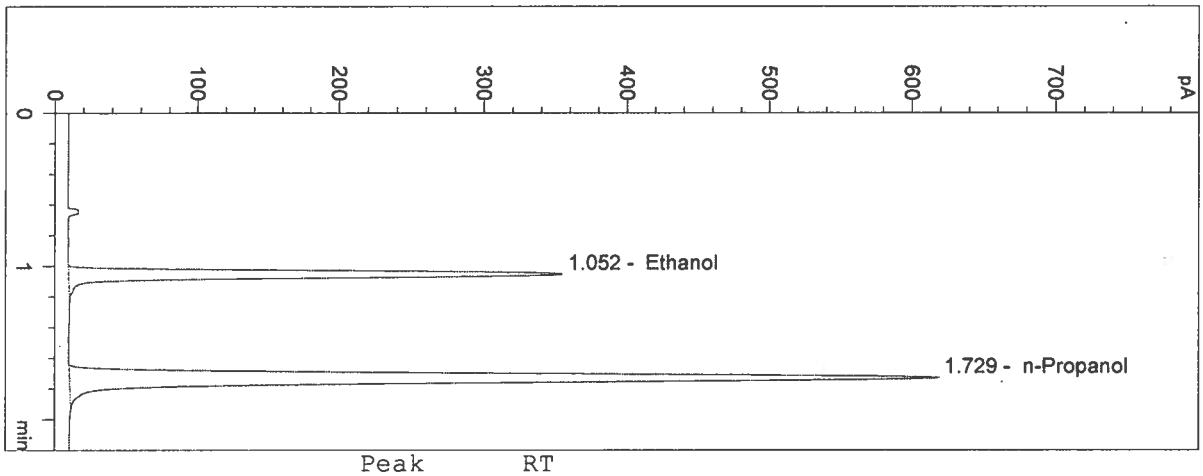
14021



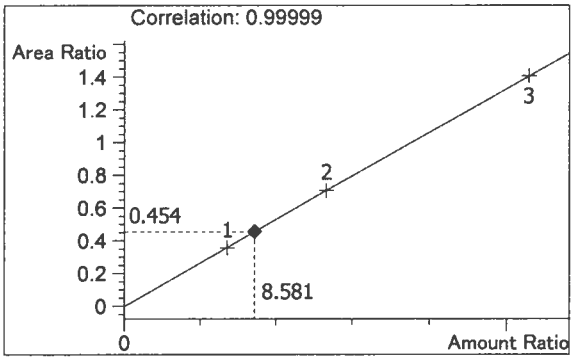
n-Propanol 0.012 g/100mL

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

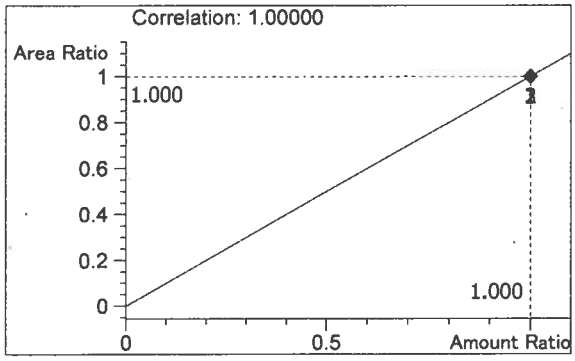
Inj. Date: 7/22/2014 12:30:40 PM Sample Name: 14021-1
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 10
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.052
2	n-Propanol	2434	1.729



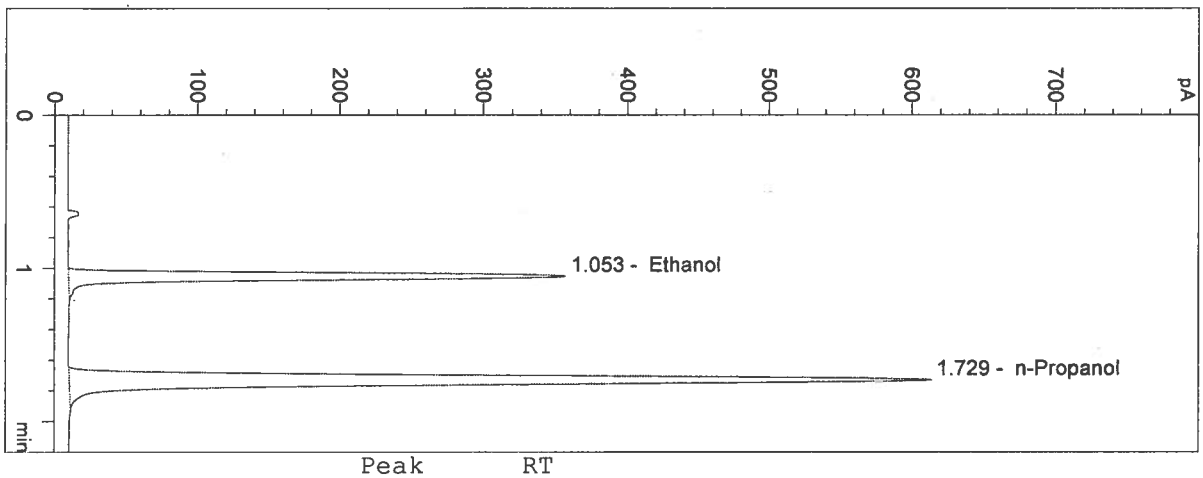
Ethanol 0.103 g/100mL



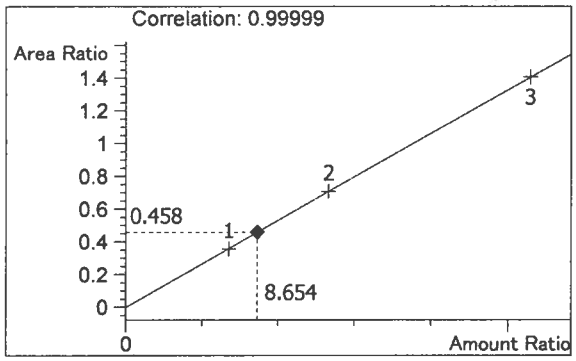
n-Propanol 0.012 g/100mL

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

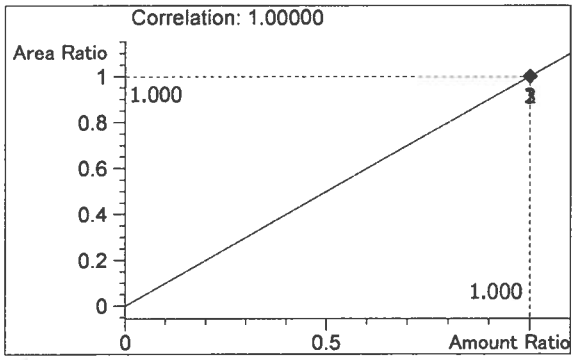
Inj. Date: 7/22/2014 12:33:54 PM Sample Name: 14021-2
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 11
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1103	1.053
2	n-Propanol	2406	1.729



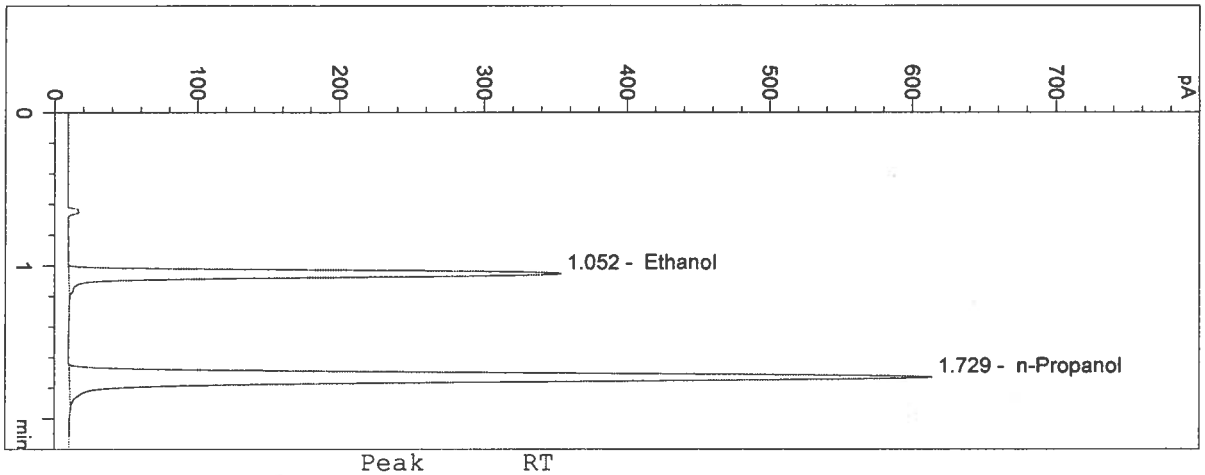
Ethanol 0.104 g/100mL



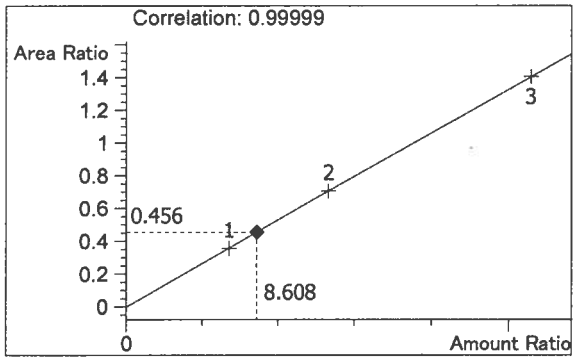
n-Propanol 0.012 g/100mL

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

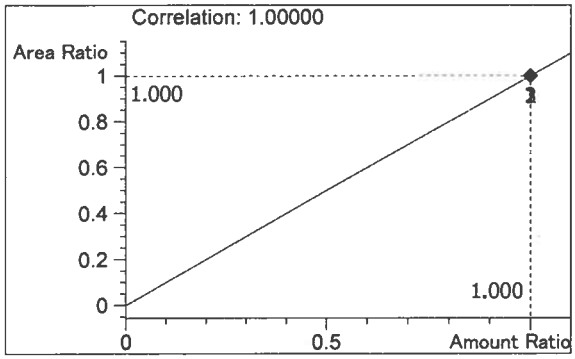
Inj. Date: 7/22/2014 12:37:08 PM Sample Name: 14021-3
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 12
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1100	1.052
2	n-Propanol	2414	1.729



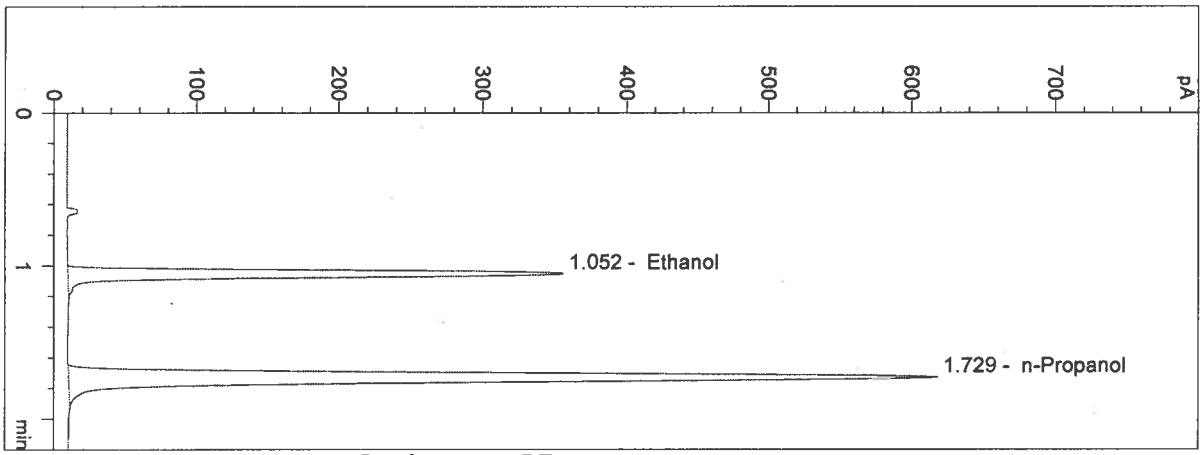
Ethanol 0.103 g/100mL



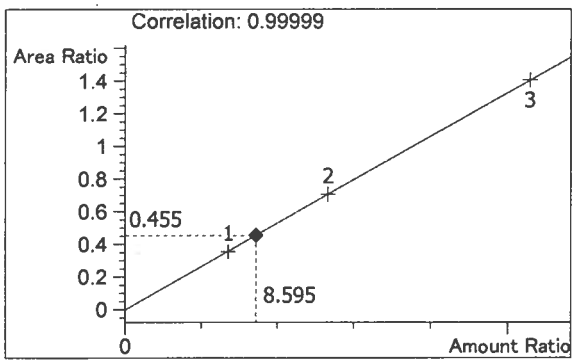
n-Propanol 0.012 g/100mL

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

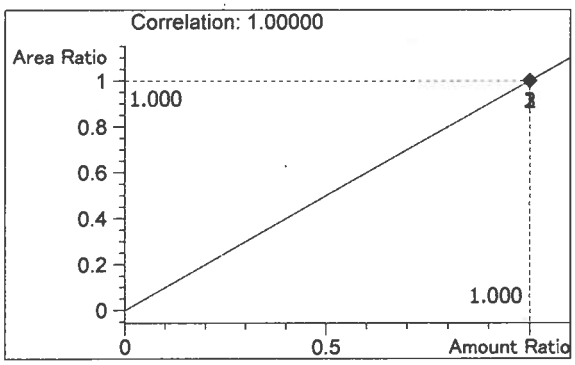
Inj. Date: 7/22/2014 12:40:21 PM Sample Name: 14021-4
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 13
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.052
2	n-Propanol	2429	1.729



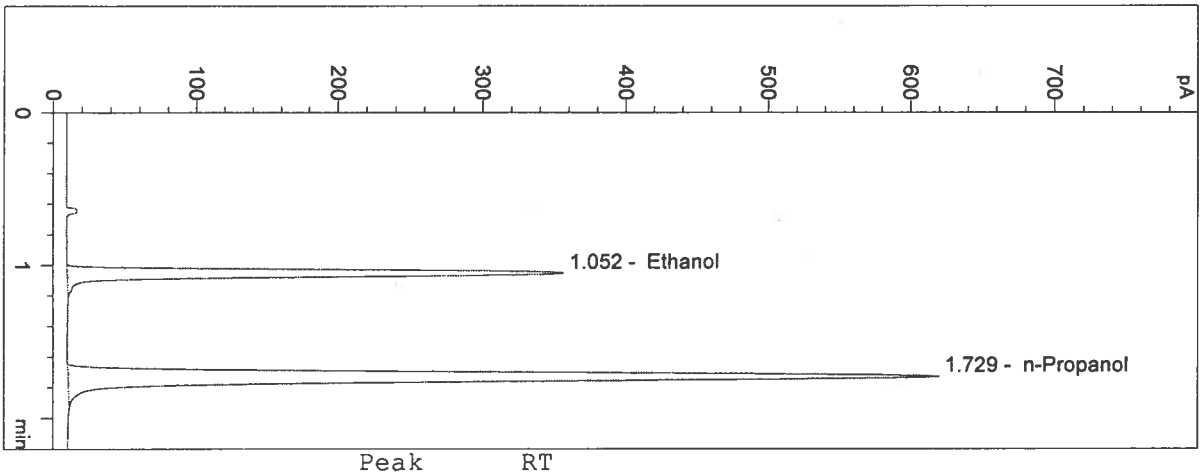
Ethanol 0.103 g/100mL



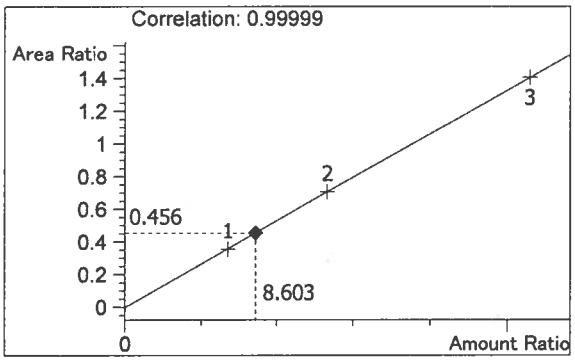
n-Propanol 0.012 g/100mL

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

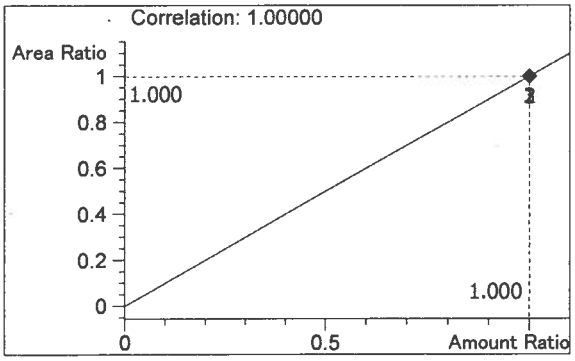
Inj. Date: 7/22/2014 12:43:35 PM Sample Name: 14021-5
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 14
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.052
2	n-Propanol	2440	1.729



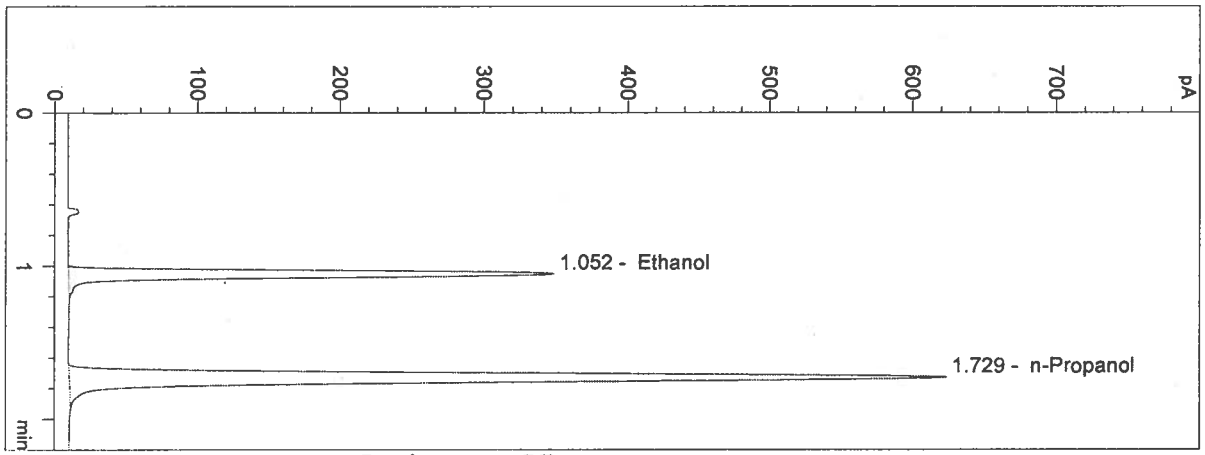
Ethanol 0.103 g/100mL



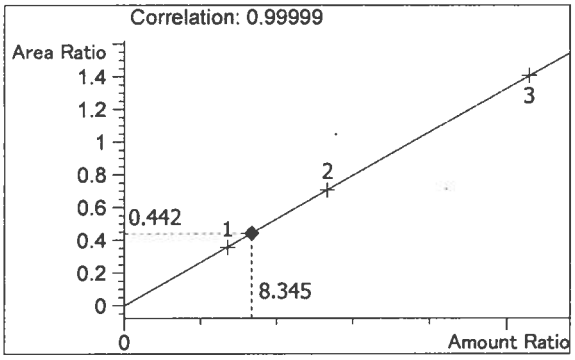
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/22/2014 12:46:48 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 15
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

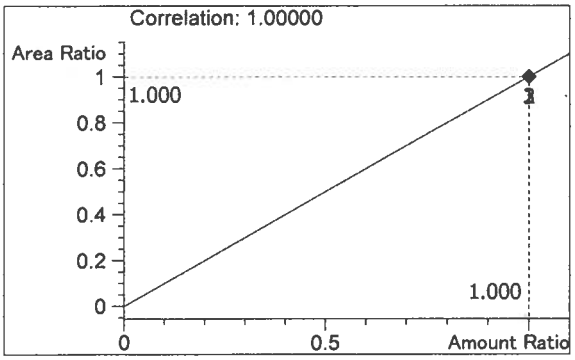


#	Compound	Peak Area	RT (min)
1	Ethanol	1083	1.052
2	n-Propanol	2450	1.729



Ethanol 0.100 g/100mL

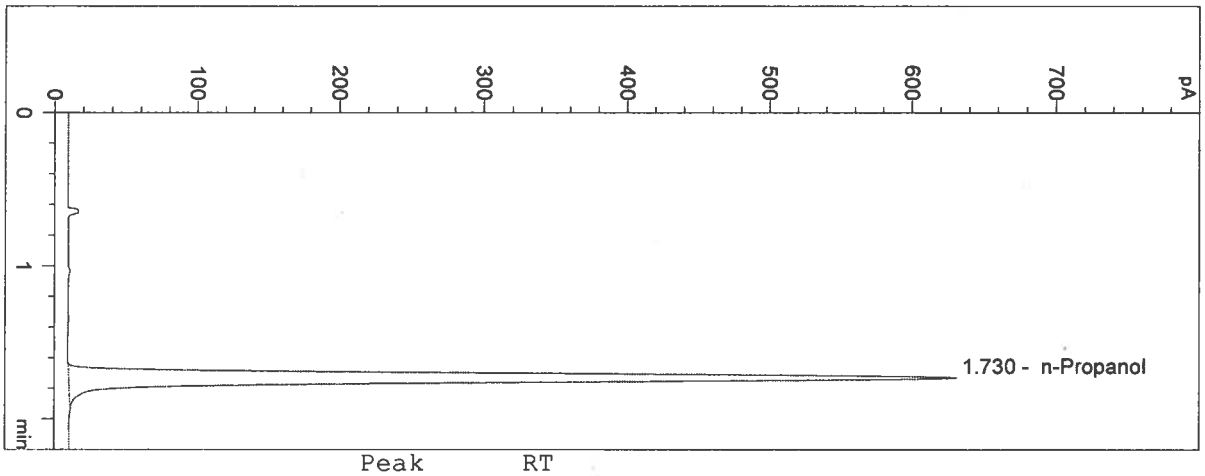
14021



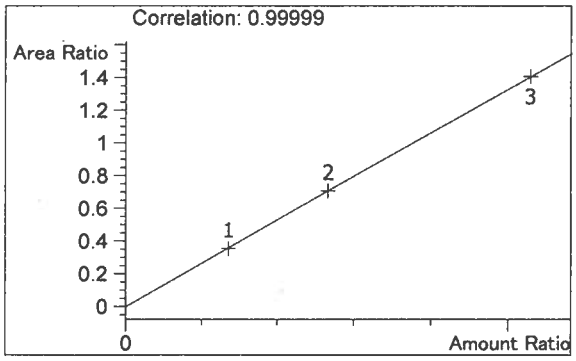
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/22/2014 12:50:01 PM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 16
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

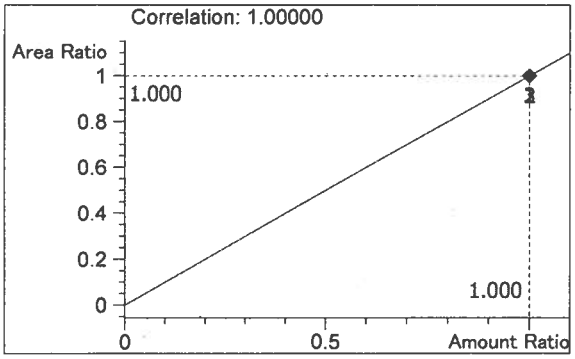


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2484	1.730



Ethanol 0.000 g/100mL

14021



n-Propanol 0.012 g/100mL

Sequence Parameters:

Sequence : C:\CHEM32\1\SEQUENCE\LLESS.S

Operator : Lyndsey Lowe

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

Data Subdirectory : 140723LL2

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: E0414-01 - exp: 10/15/14
CAL 2: 0.158 g/100 mL - Lot: E0414-02 - exp: 10/15/14
CAL 3: 0.316 g/100 mL - Lot: E0414-03 - exp: 10/15/14

CTRL 1: 0.04 g/100 mL - Lot: FN05011301 - exp: 5/2018
CTRL 2: 0.10 g/100 mL - Lot: FN08051301 - exp: 10/2018
CTRL 3: 0.20 g/100 mL - Lot: FN100511-01 - exp: 10/2016

n-Propanol: Lot: P0514 - exp: 8/27/2014

14021

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	
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp	

Sequence: C:\CHEM32\1\SEQUENCE\LLESS.S

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
10	Vial 10	14021-1	SIMALC1	1	Sample	
11	Vial 11	14021-2	SIMALC1	1	Sample	
12	Vial 12	14021-3	SIMALC1	1	Sample	
13	Vial 13	14021-4	SIMALC1	1	Sample	
14	Vial 14	14021-5	SIMALC1	1	Sample	
15	Vial 15	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp	
17	Vial 17	14031-1	SIMALC1	1	Sample	
18	Vial 18	14031-2	SIMALC1	1	Sample	
19	Vial 19	14031-3	SIMALC1	1	Sample	
20	Vial 20	14031-4	SIMALC1	1	Sample	
21	Vial 21	14031-5	SIMALC1	1	Sample	
22	Vial 22	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp	

14021

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!

W 7.24.14

Calibration Table

General Calibration Setting

Calib. Data Modified : Wednesday, July 23, 2014 4:51:42 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

14021

Signal Details

Signal 1: FID1 A,

W 7-24-14
~~14072~~

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD	#	Compound
1.054	1	1	8.12400e-2	1141.38416	7.11767e-5	No	No	1	Ethanol
		2	1.59860e-1	2164.74048	7.38472e-5				
		3	3.17330e-1	1833.08569	1.73112e-4				
1.730	1	1	1.20000e-2	3182.77808	3.77029e-6	No	Yes	1	n-Propanol

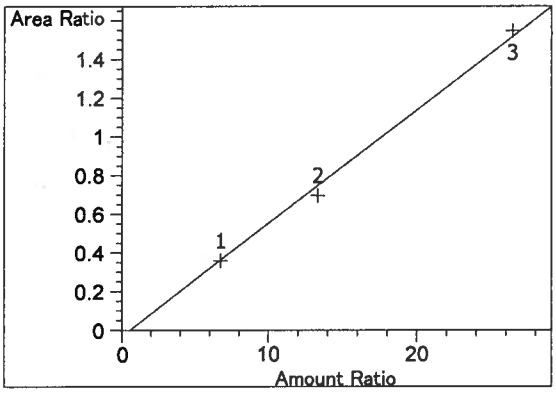
Method C:\CHEM32\1\METHODS\SIMALC1.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	3113.22559	3.85452e-6			
		3	1.20000e-2	1184.74072	1.01288e-5			

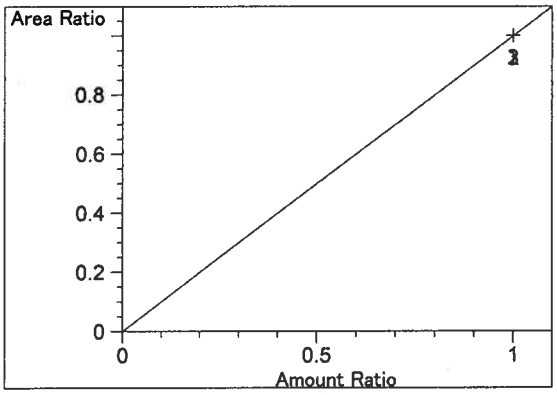
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.054
FID1 A,
Correlation: 0.99818
Residual Std. Dev.: 0.04889
Formula: y = mx + b
m: 5.86160e-2
b: -3.16373e-2
x: Amount
y: Area



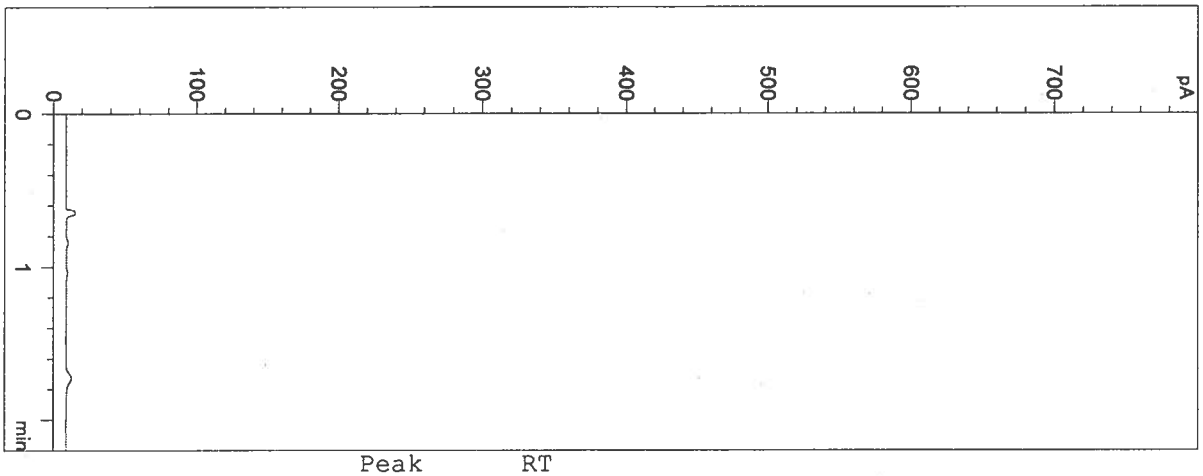
n-Propanol at exp. RT: 1.730
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

14021

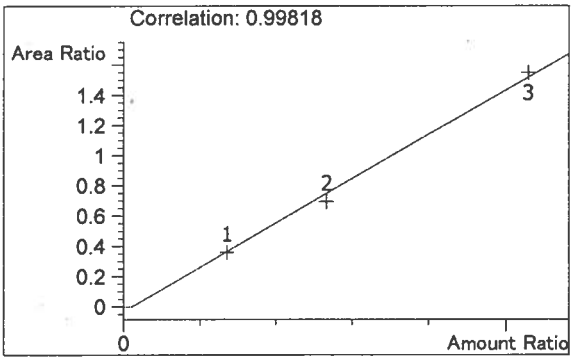
~~1407236~~ 7-24-14

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

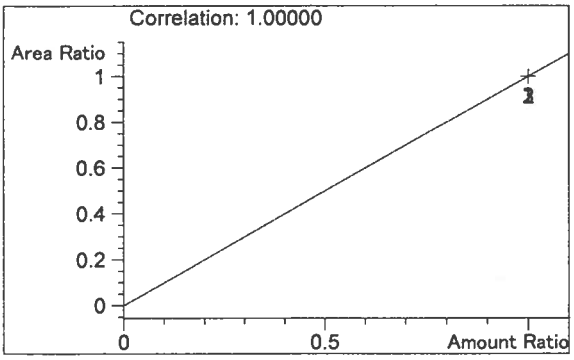
Inj. Date: 7/23/2014 4:39:37 PM Sample Name: BLANK
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



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



Ethanol 0.000 g/100mL

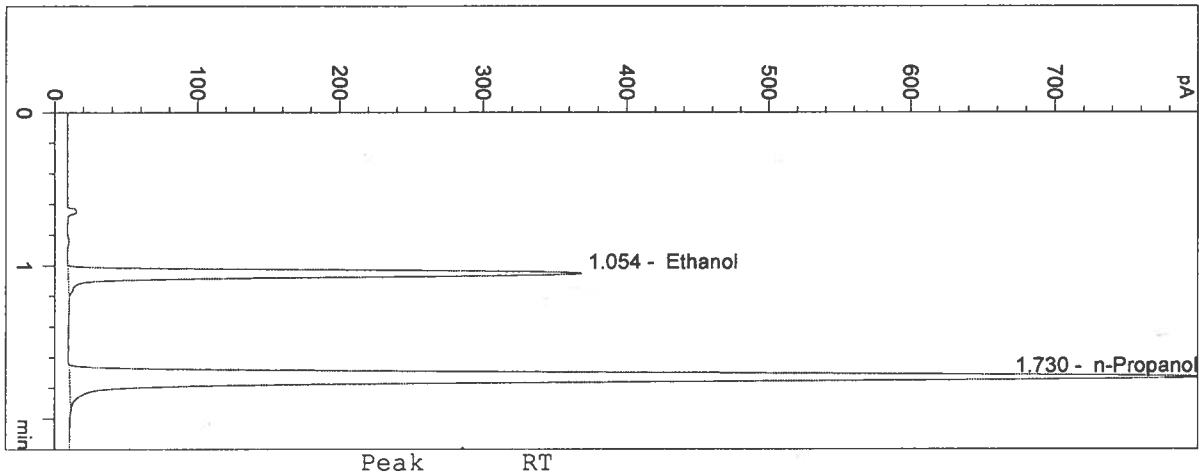


n-Propanol 0.000 g/100mL

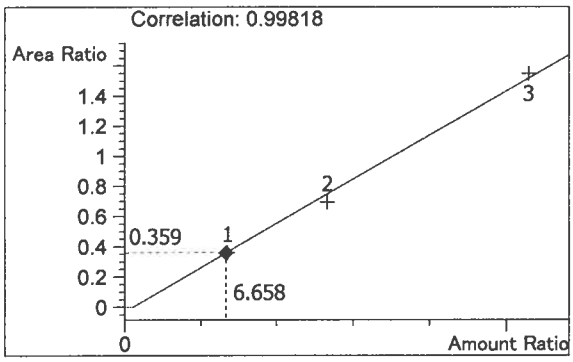
14021

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

Inj. Date: 7/23/2014 4:42:54 PM Sample Name: CAL 1 (0.079)
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 2
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

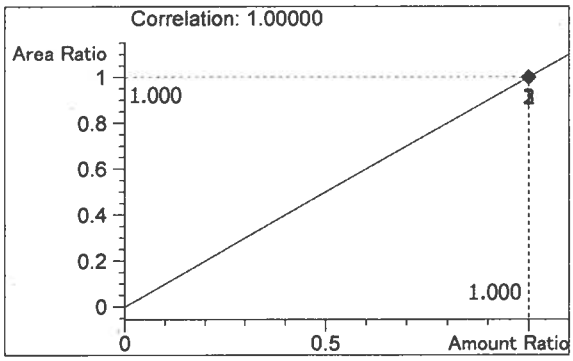


#	Compound	Peak Area	RT (min)
1	Ethanol	1141	1.054
2	n-Propanol	3183	1.730



Ethanol 0.080 g/100mL

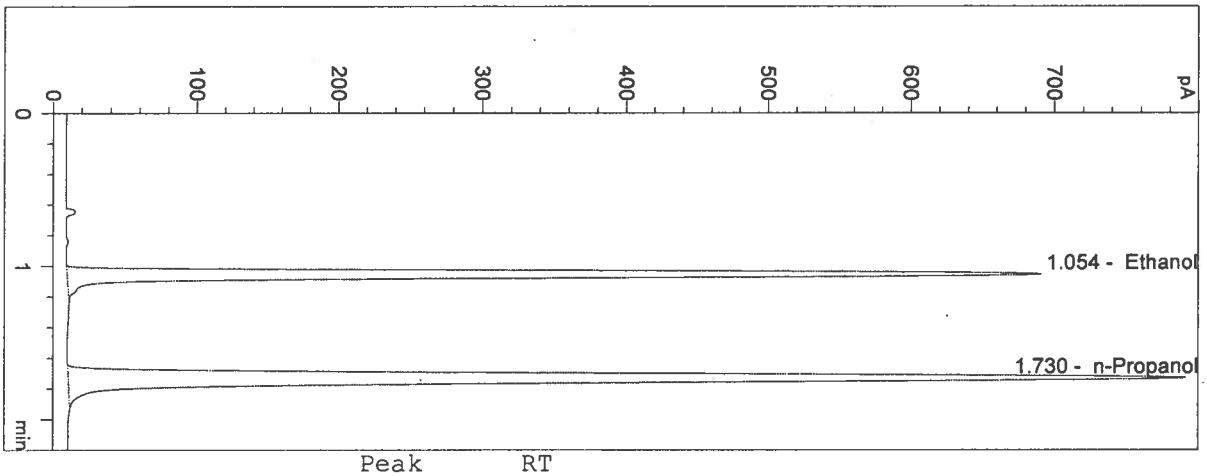
14021



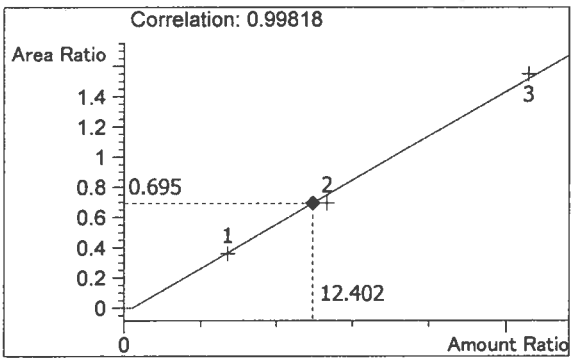
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/23/2014 4:46:11 PM Sample Name: CAL 2 (0.158)
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 3
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

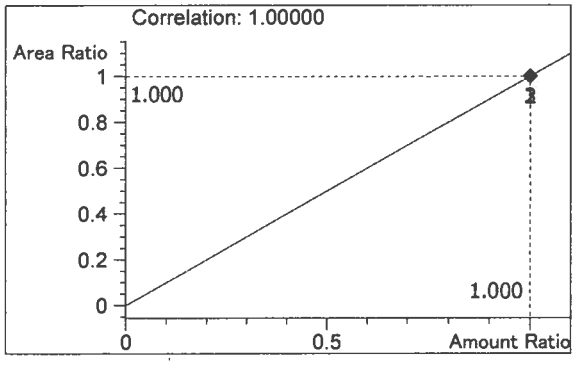


#	Compound	Peak Area	RT (min)
1	Ethanol	2165	1.054
2	n-Propanol	3113	1.730



Ethanol 0.149 g/100mL

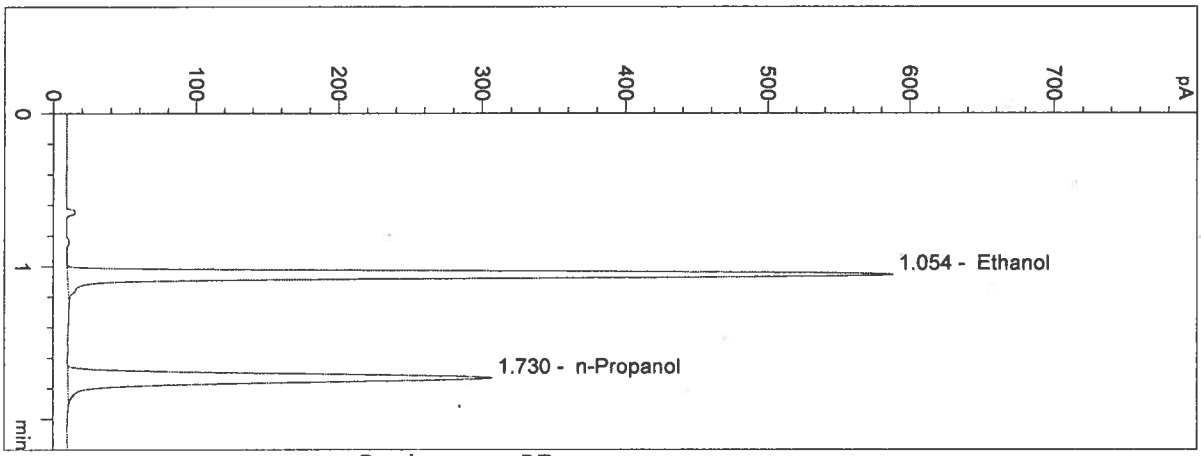
14021



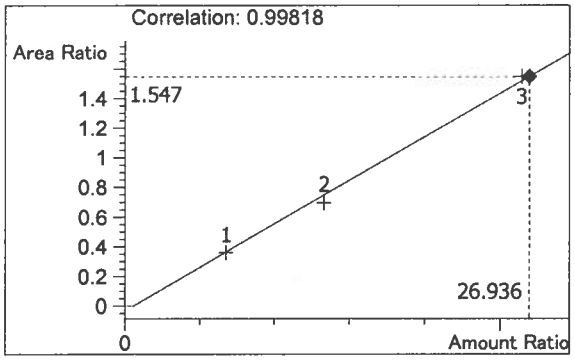
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/23/2014 4:49:28 PM Sample Name: CAL 3 (0.316)
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 4
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

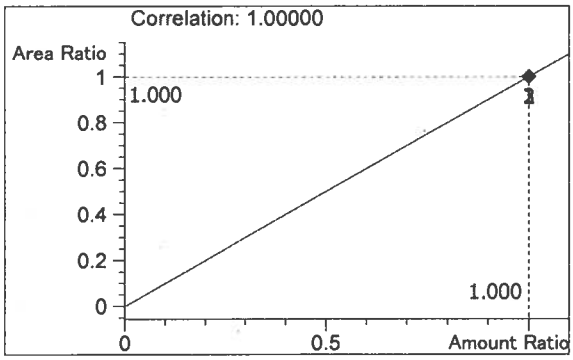


#	Compound	Peak Area	RT (min)
1	Ethanol	1833	1.054
2	n-Propanol	1185	1.730



Ethanol 0.323 g/100mL

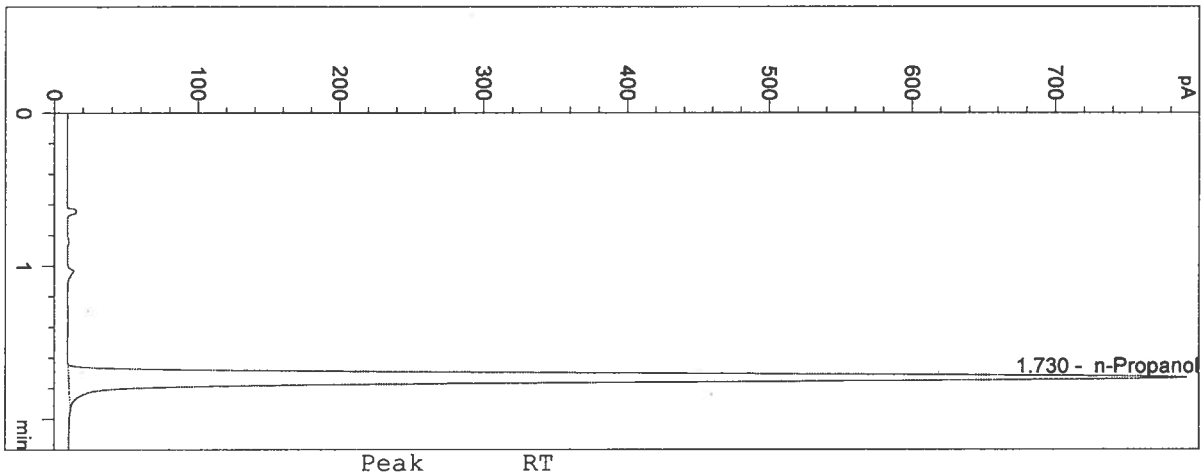
14021



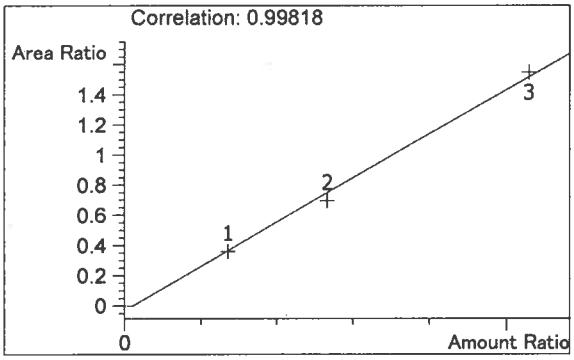
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/23/2014 4:52:42 PM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 5
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

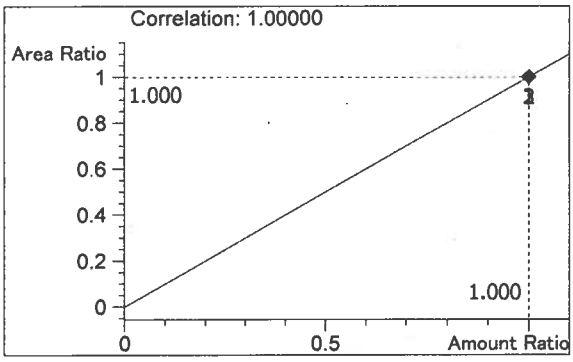


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3115	1.730



Ethanol 0.000 g/100mL

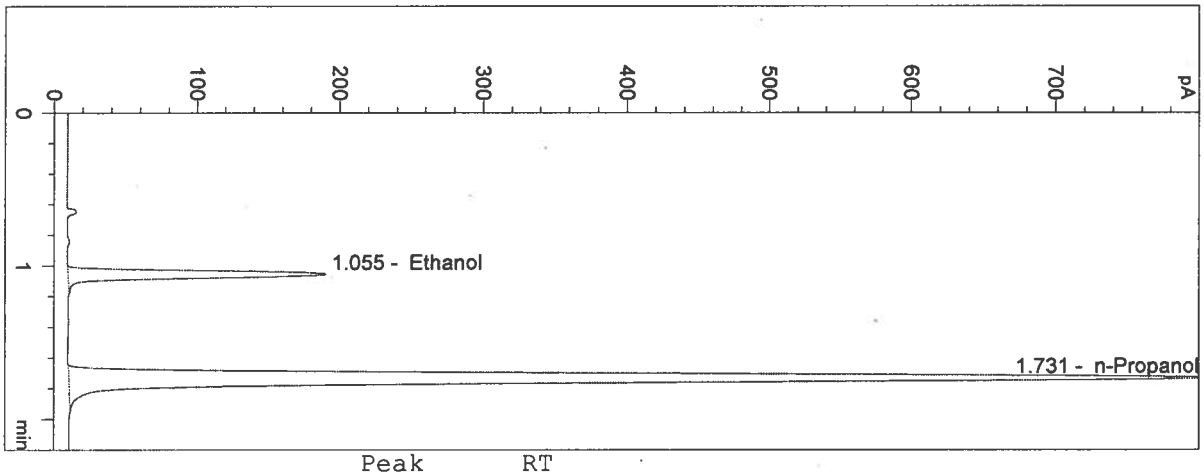
14021



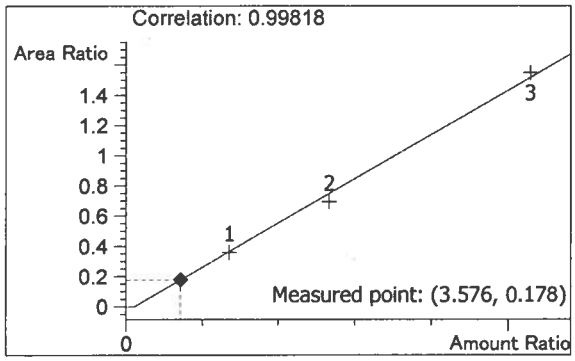
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/23/2014 4:55:53 PM Sample Name: CTRL 1 (0.04)
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 6
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

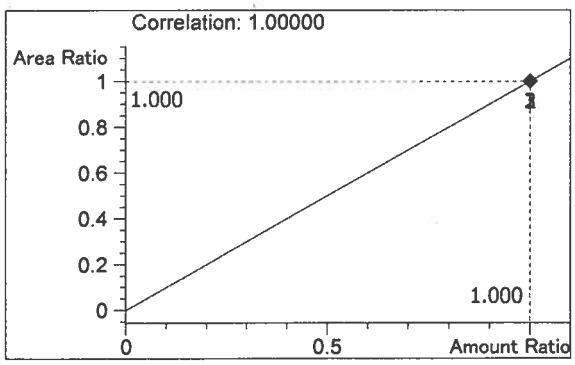


#	Compound	Peak Area	RT (min)
1	Ethanol	571	1.055
2	n-Propanol	3209	1.731



Ethanol 0.043 g/100mL

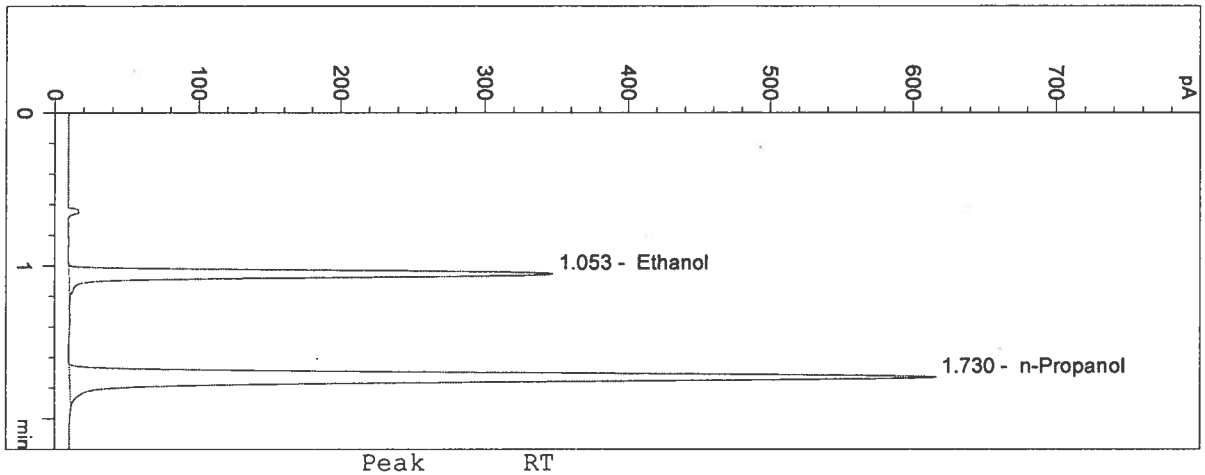
14021



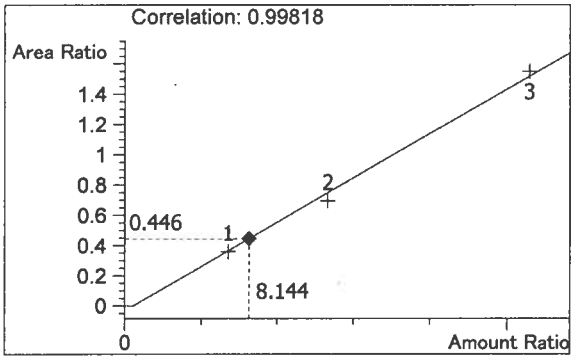
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/23/2014 4:59:06 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 7
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

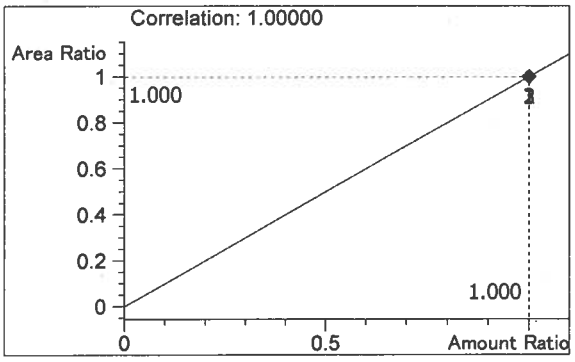


#	Compound	Peak Area	RT (min)
1	Ethanol	1079	1.053
2	n-Propanol	2421	1.730



Ethanol 0.098 g/100mL

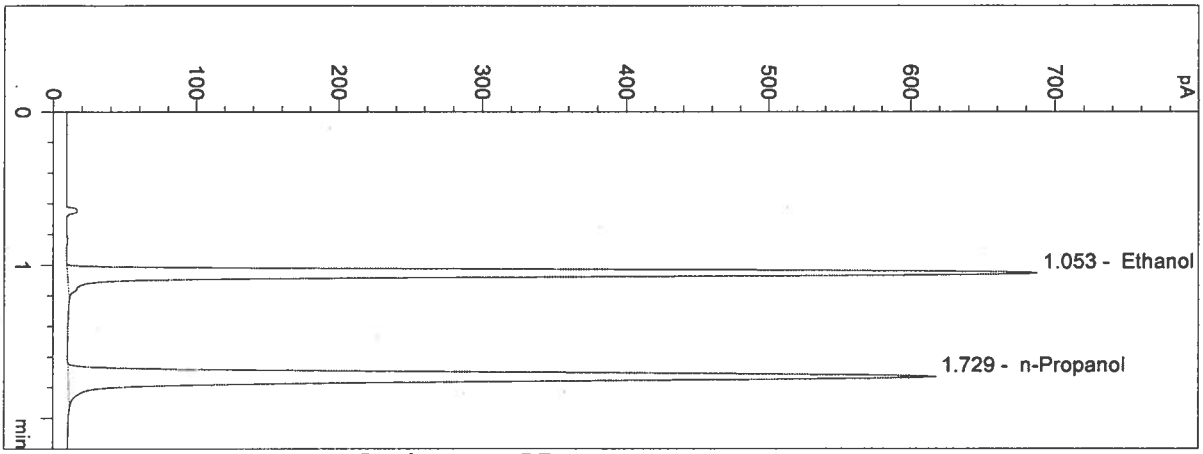
14021



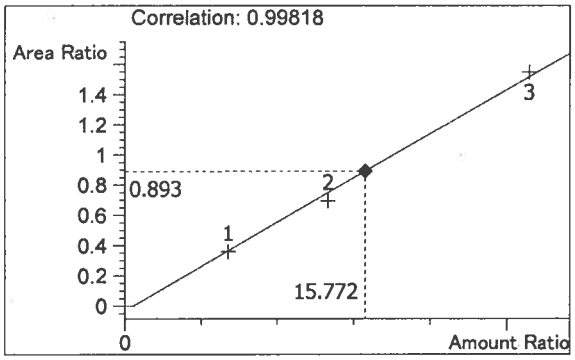
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/23/2014 5:02:20 PM Sample Name: CTRL 3 (0.20)
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 8
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

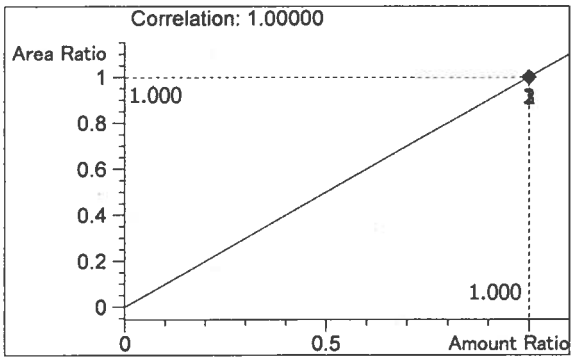


#	Compound	Peak Area	RT (min)
1	Ethanol	2167	1.053
2	n-Propanol	2427	1.729



Ethanol 0.189 g/100mL

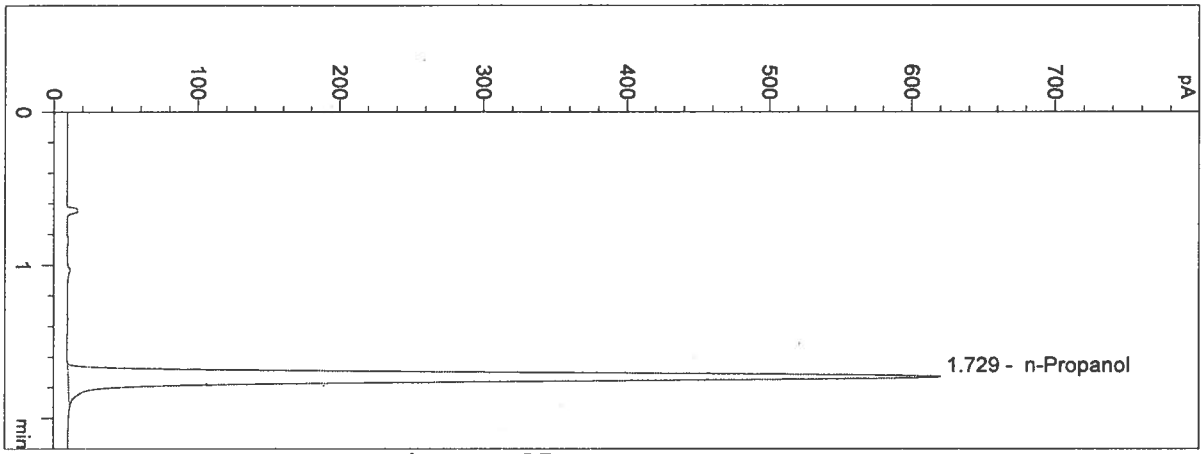
14021



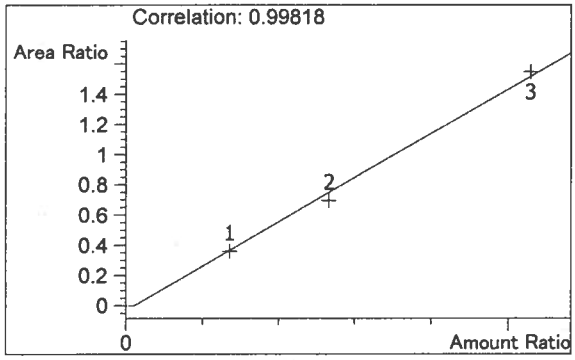
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/23/2014 5:05:34 PM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 9
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

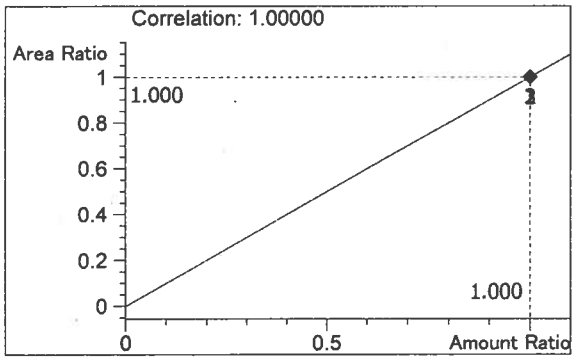


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2443	1.729



Ethanol 0.000 g/100mL

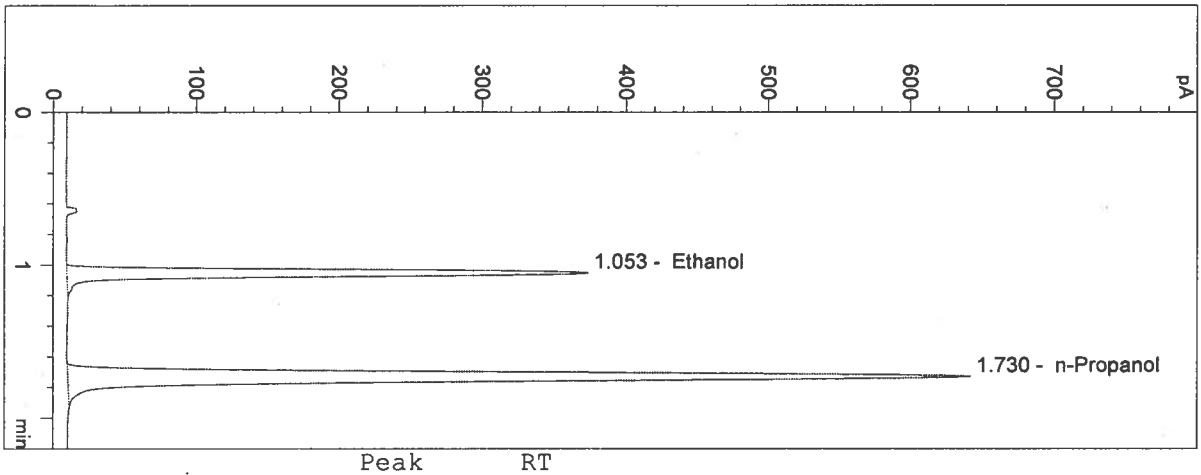
14021



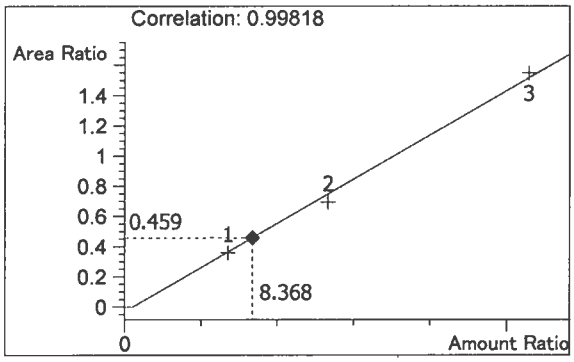
n-Propanol 0.012 g/100mL

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

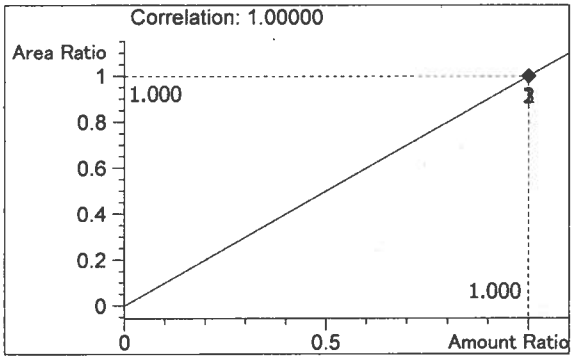
Inj. Date: 7/23/2014 5:08:47 PM Sample Name: 14021-1
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 10
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1157	1.053
2	n-Propanol	2521	1.730



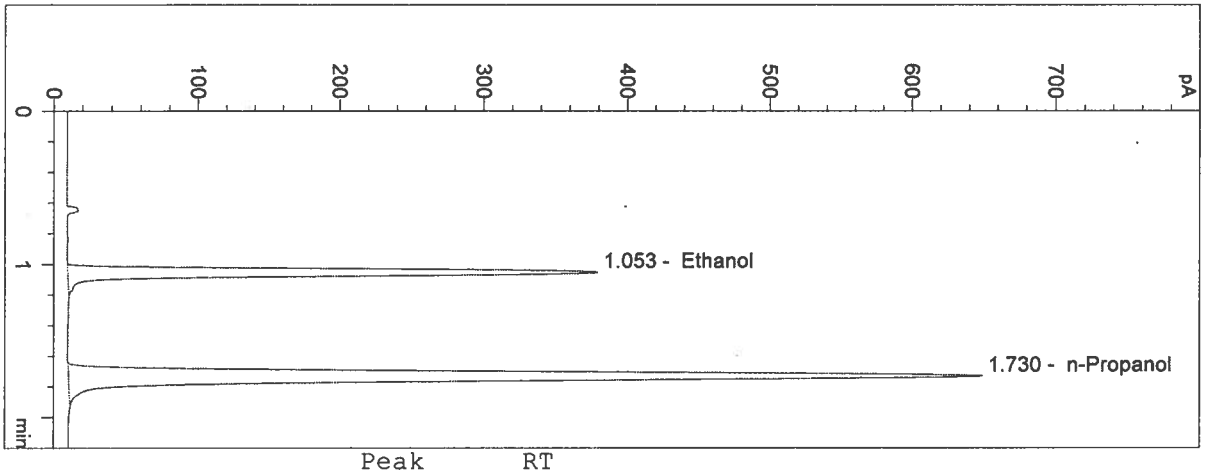
Ethanol 0.100 g/100mL



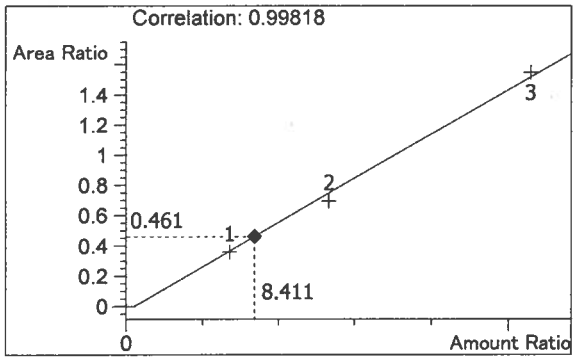
n-Propanol 0.012 g/100mL

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

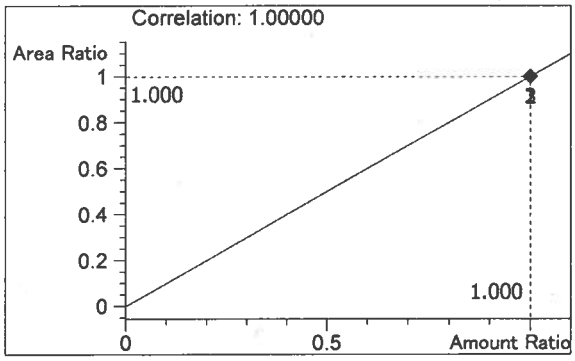
Inj. Date: 7/23/2014 5:12:00 PM Sample Name: 14021-2
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 11
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1177	1.053
2	n-Propanol	2551	1.730



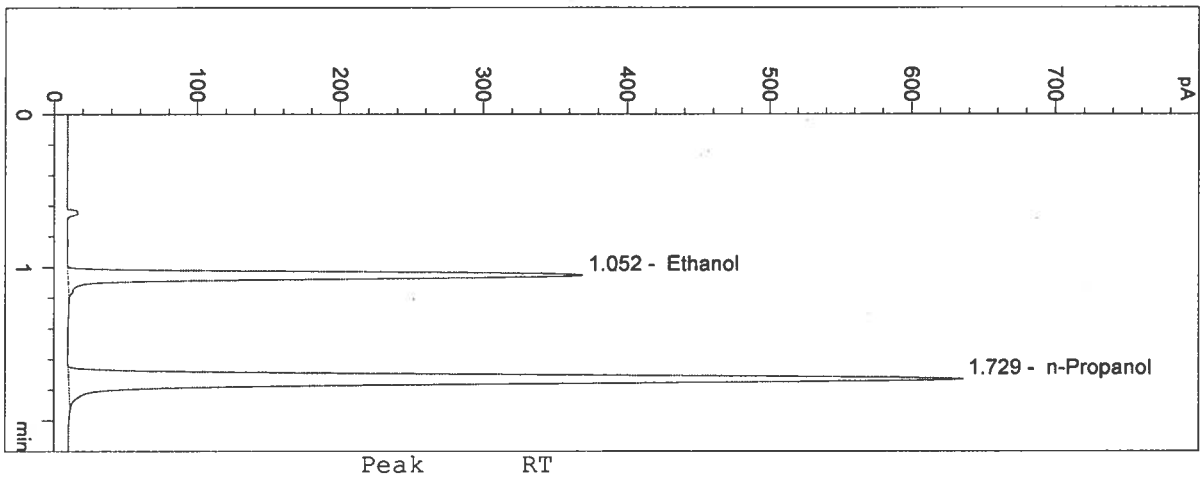
Ethanol 0.101 g/100mL



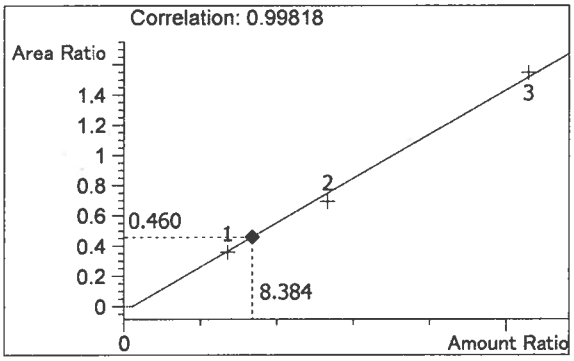
n-Propanol 0.012 g/100mL

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

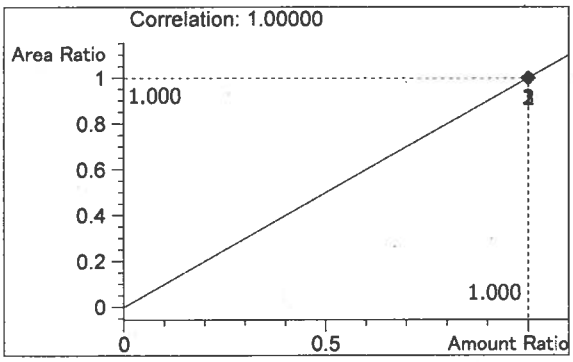
Inj. Date: 7/23/2014 5:15:12 PM Sample Name: 14021-3
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 12
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1144	1.052
2	n-Propanol	2488	1.729



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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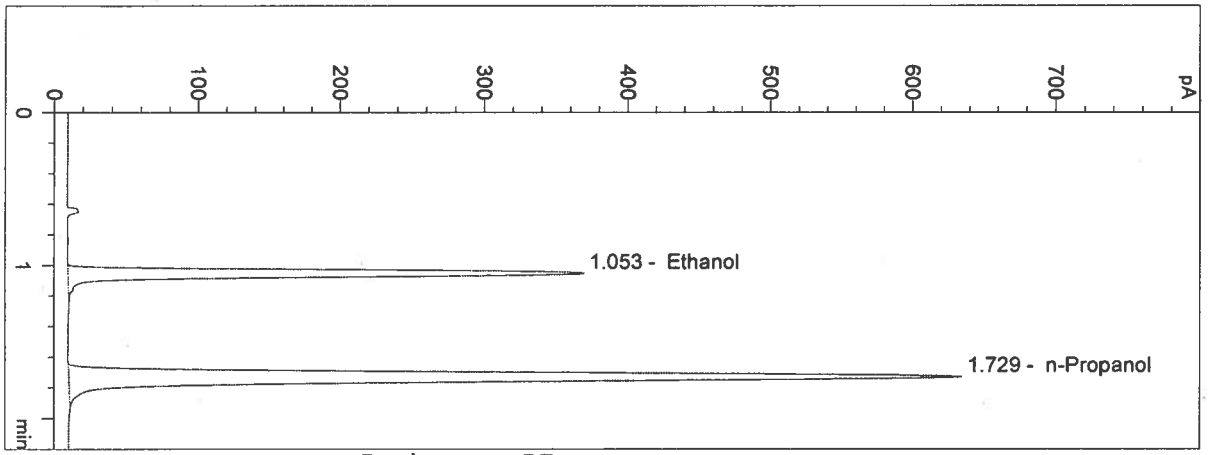
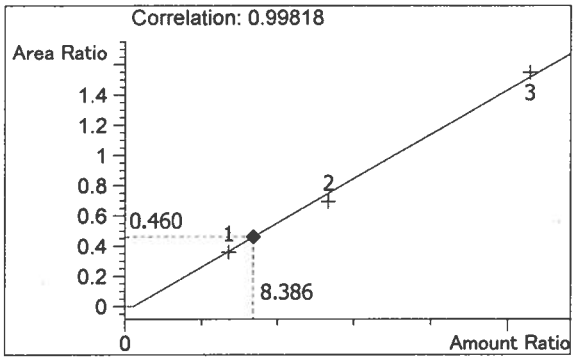
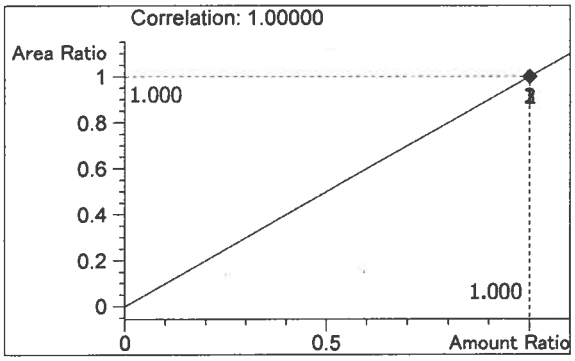
Inj. Date: 7/23/2014 5:18:27 PM Sample Name: 14021-4
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 13
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1145	1.053
2	n-Propanol	2490	1.729



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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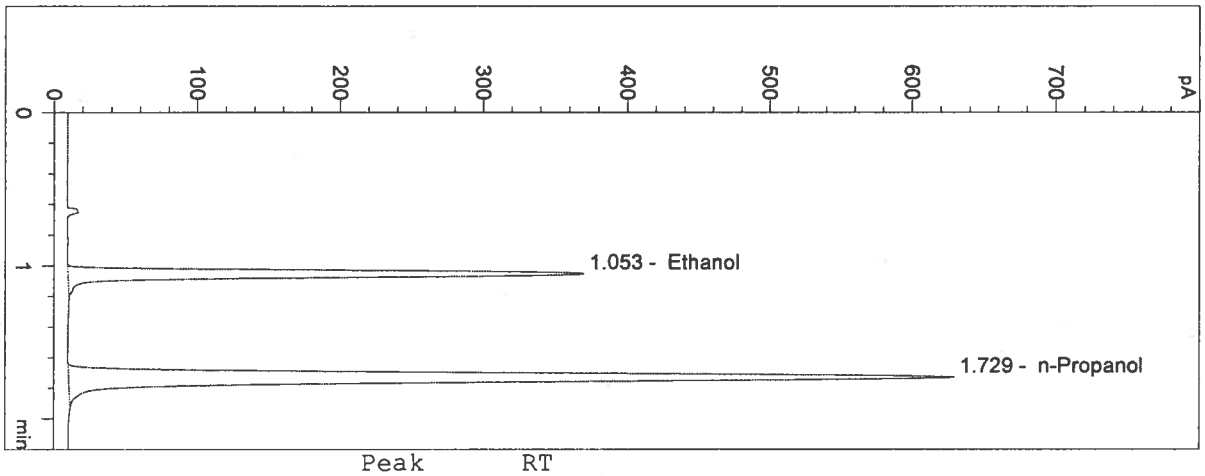
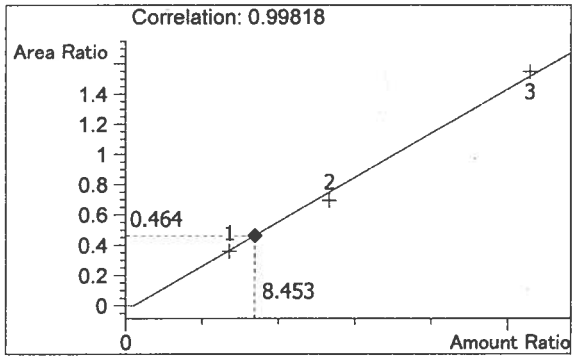
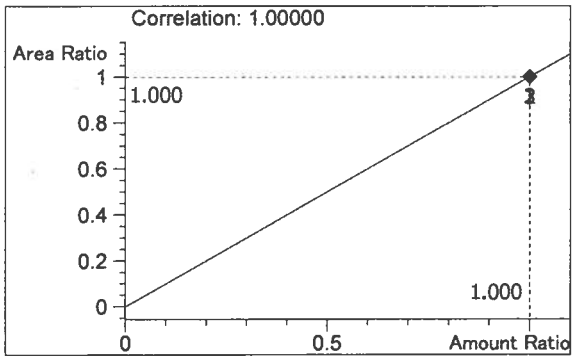
Inj. Date: 7/23/2014 5:21:40 PM Sample Name: 14021-5
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 14
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1146	1.053
2	n-Propanol	2471	1.729



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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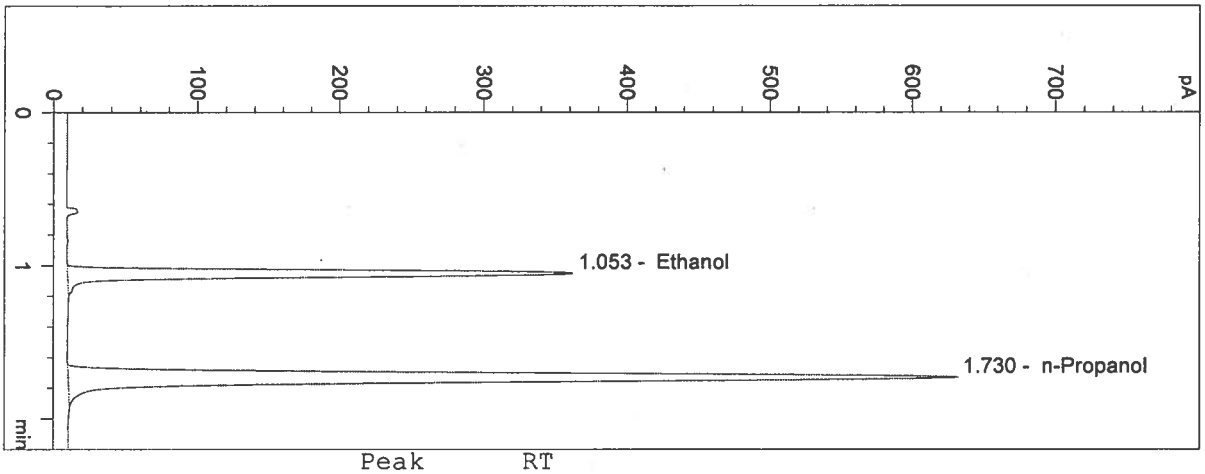
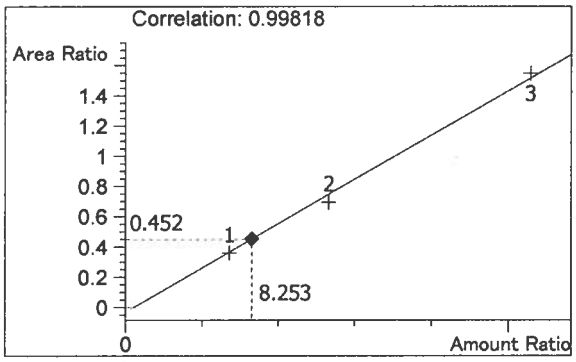
Inj. Date: 7/23/2014 5:24:52 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 15
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

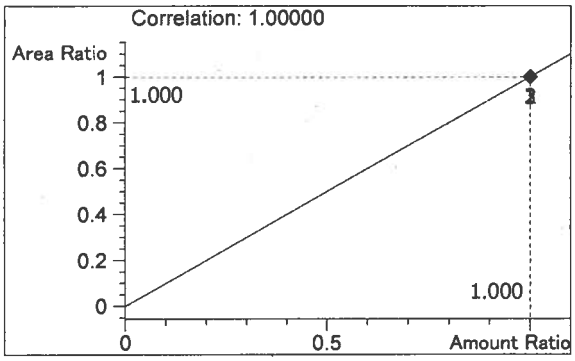


#	Compound	Peak Area	RT (min)
1	Ethanol	1122	1.053
2	n-Propanol	2482	1.730



Ethanol 0.099 g/100mL

14021

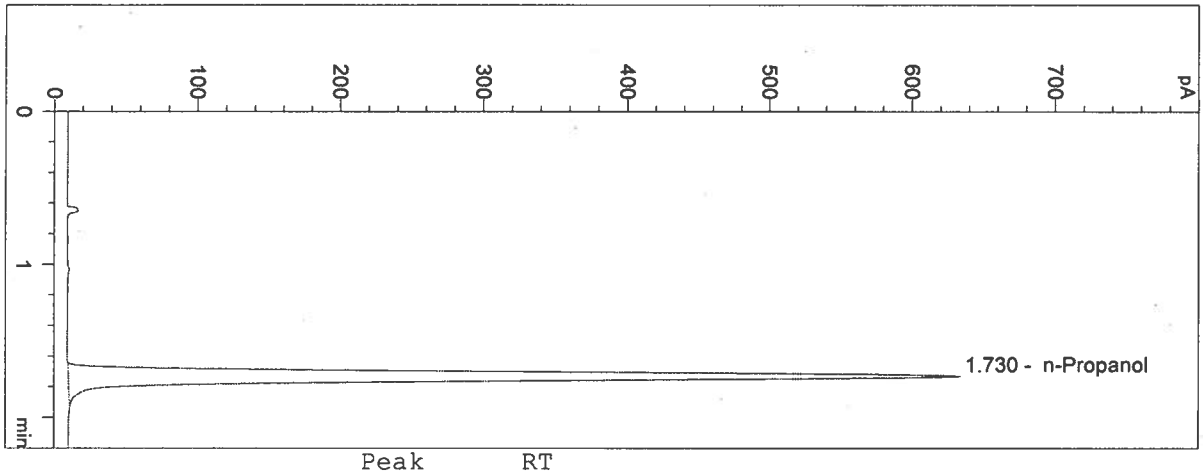


n-Propanol 0.012 g/100mL

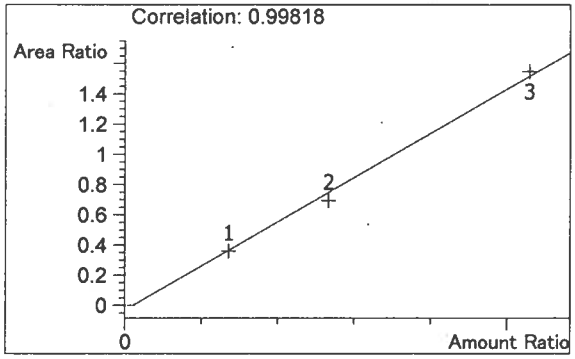
Data File: C:\CHEM32\1\DATA\140723LL2\015F1501.D Page 1 of 1

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

Inj. Date: 7/23/2014 5:28:07 PM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 16
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

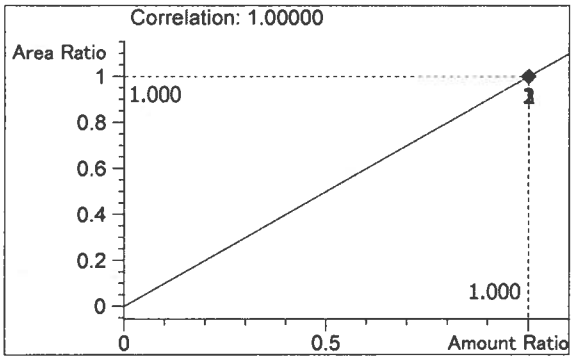


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2487	1.730



Ethanol 0.000 g/100mL

14021



n-Propanol 0.012 g/100mL