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

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 14032

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: 07/28/2014
BATCH UNITS: g/100mL

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

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

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1031 g/100mL
STANDARD DEVIATION: 0.00082
PRECISION CV (%): 0.80
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0838 g/210L**
EXPANDED UNCERTAINTY: ± 0.0026 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Lisa Noble — Forensic Scientist Supervisor — 8/14/14 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
CM	Christie Mitchell-Mata		07/28/2014
KK	Katie Knorr		07/28/2014
AJL	Asa J. Louis		07/28/2014
DCS	Dawn C. Sklerov		08/01/2014
RF	Rebecca Flaherty		08/04/2014
JLK	Justin L. Knoy		08/05/2014
AG	Andrew Gingras		08/06/2014
LL	Lyndsey Lowe		08/06/2014

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 #: 14032 **Date Prepared:** 7/28/2014

Analyst:	CM	KK	AJL	DCS	RF	JLK	AG	LL
Date Tested:	7/28/2014	7/28/2014	7/28/2014	8/1/2014	8/4/2014	8/5/2014	8/6/2014	8/6/2014
Instrument:	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1
1	0.102	0.103	0.102	0.102	0.103	0.103	0.103	0.104
2	0.103	0.103	0.102	0.102	0.103	0.104	0.103	0.105
3	0.103	0.103	0.102	0.103	0.104	0.105	0.103	0.105
4	0.103	0.104	0.102	0.103	0.103	0.103	0.103	0.104
5	0.102	0.104	0.103	0.103	0.103	0.104	0.103	0.103
C	0.100	0.100	0.101	0.101	0.101	0.101	0.101	0.103

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef.}$
0.0000084100	0.0000635916	0.0000840254	0.0001016326

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

Average Solution Concentration: 0.1031 g/100mL
Standard Deviation: 0.00082 g/100mL
Precision CV (%): 0.80
Equivalent Vapor Concentration: 0.0838 g/210L
Combined Standard Uncertainty (±): 0.0013 g/210L
Expanded Uncertainty (±): 0.0026 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Lisa Noble — Lnoble — 8/7/14
Name — Signature — Date

Calculations verified by: Amanda H. Black — [signature] — 8-14-2014
Name — Signature — Date

Method: Hand calculation

Technical review of batch file performed by:

Lisa Noble — Lnoble — 8/7/14
Name — Signature — Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 8-14-2014

Location: WSP-FLSB Seattle, WA **Solution Batch Number:** 14032

	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:** 8-14-2014

Reviewer Signature: N/A OB 8-14-14 **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	8/8/14
Asa Louis	AL	2014 0808
Brittany Ball		
Christie Mitchell-Mata	CM	8/7/14
Christopher Johnston		
Dawn Sklerov	DCS	8.8.14
Justin Knoy	JK	8.8.14
Katie Knorr	KK	8/7/14
Lyndsey Lowe	L	8.7.14
Naziha Nuwayhid		
Rebecca Flaherty	RF	8/7/14

Batch # 14032

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 14032

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 14032, was prepared in the Washington State Toxicology Laboratory on 7/28/2014. 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 7/28/2015.

Seattle, WA

8/7/2014

Christie Mitchell-Mata Date
Forensic Toxicologist

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 14032

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 14032, was prepared in the Washington State Toxicology Laboratory on 7/28/2014. 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 7/28/2015.

Seattle, WA

Katie Knorr 08/07/14

Katie Knorr Date

Forensic Toxicologist

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 14032

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 14032, was prepared in the Washington State Toxicology Laboratory on 7/28/2014. 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 7/28/2015.

Seattle, WA

2014 08 08

Asa J. Louis Date

Forensic Toxicologist

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 14032

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 14032, was prepared in the Washington State Toxicology Laboratory on 7/28/2014. 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 7/28/2015.

Seattle, WA

Dawn C. Sklerov 8.8.14

Dawn C. Sklerov Date
Forensic Toxicologist

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 14032

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 14032, was prepared in the Washington State Toxicology Laboratory on 7/28/2014. 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 7/28/2015.

Seattle, WA

8.8.14

Justin L. Knoy — Date
Forensic Toxicologist

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 14032

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 14032, was prepared in the Washington State Toxicology Laboratory on 7/28/2014. 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 7/28/2015.

Seattle, WA

8/7/14

Rebecca Flaherty Date

Forensic Toxicologist

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 14032

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 14032, was prepared in the Washington State Toxicology Laboratory on 7/28/2014. 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 7/28/2015.

Seattle, WA

8/8/14

Andrew Gingras Date

Forensic Toxicologist

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 14032

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 14032, was prepared in the Washington State Toxicology Laboratory on 7/28/2014. 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 7/28/2015.

Seattle, WA

8·7·14

Lyndsey Lowe — Date
Forensic Toxicologist

WSP-TLD COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 7/28/14 Initials of Preparer: CM

Expiration Date: 7/28/15

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

Date the 200-proof Ethanol bottle was opened: 6/16/14

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	42.1	18	☐	
QAP 0.20	56.1	18	☐	
ESS	66.5	52	☑	14032

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 7/28/14 Date

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

Comments:

Analyst Signature 7/28/14 Date

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 : 140728CM

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

14032

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	14032-1	SIMALC1	1	Sample	

CM

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

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
11	Vial 11	14032-2	SIMALC1	1	Sample	
12	Vial 12	14032-3	SIMALC1	1	Sample	
13	Vial 13	14032-4	SIMALC1	1	Sample	
14	Vial 14	14032-5	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!

14032

Calibration Table

General Calibration Setting

Calib. Data Modified : Monday, July 28, 2014 9:48:22 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

14032

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	874.20197	9.29305e-5	No	No	1	Ethanol
		2	1.59860e-1	1743.59875	9.16839e-5				
		3	3.17330e-1	3406.94092	9.31422e-5				
1.730	1	1	1.20000e-2	2421.93262	4.95472e-6	No	Yes	1	n-Propanol

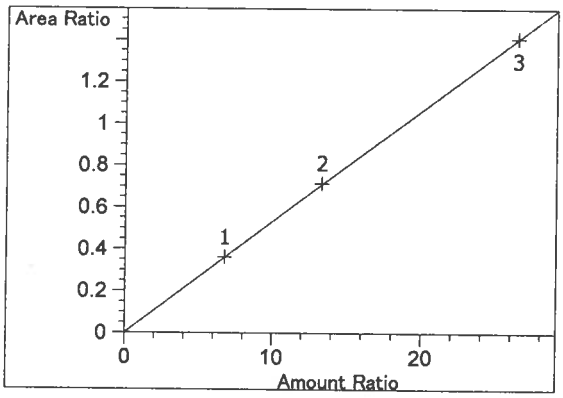
CM

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	2443.33203	4.91133e-6			
		3	1.20000e-2	2422.44946	4.95366e-6			

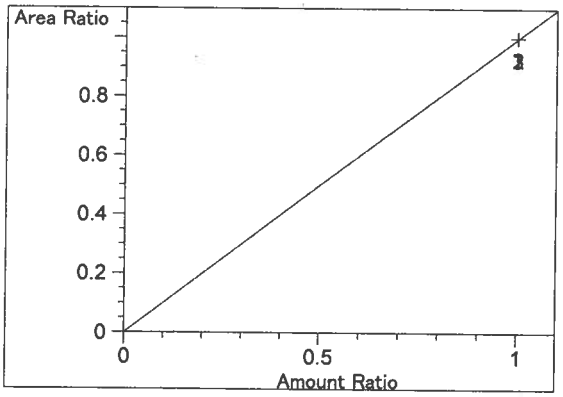
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.053
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00299
Formula: y = mx + b
m: 5.31951e-2
b: 1.37329e-3
x: Amount
y: Area



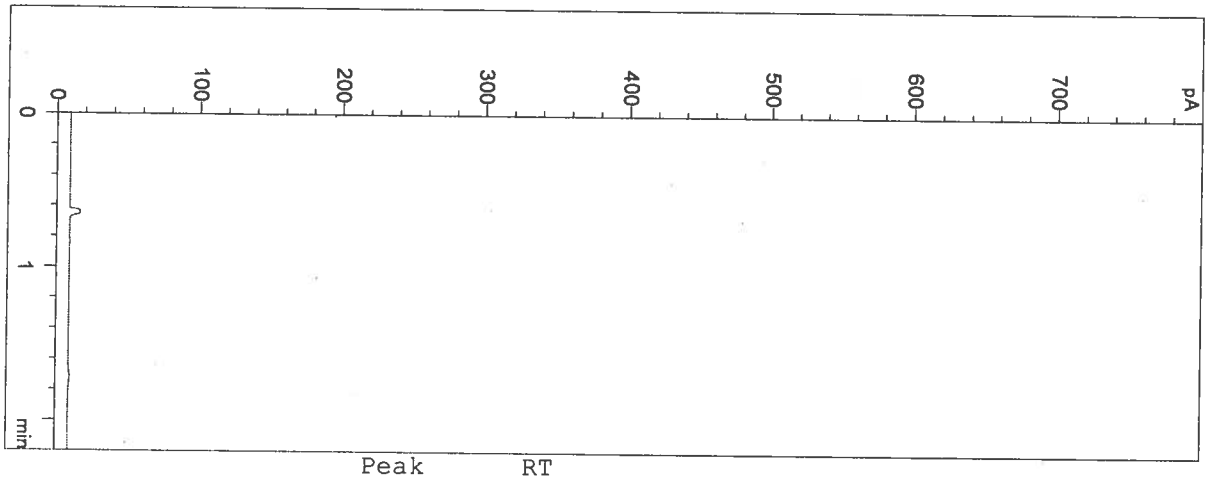
n-Propanol at exp. RT: 1.730
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

14032

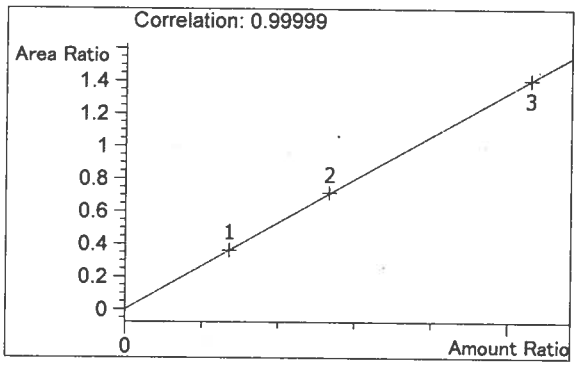
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 9:36:19 AM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

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

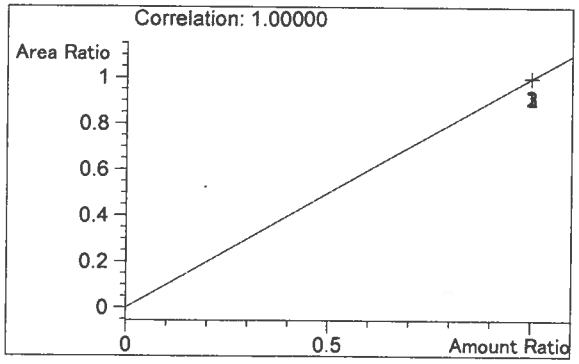


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14032



n-Propanol 0.000 g/100mL

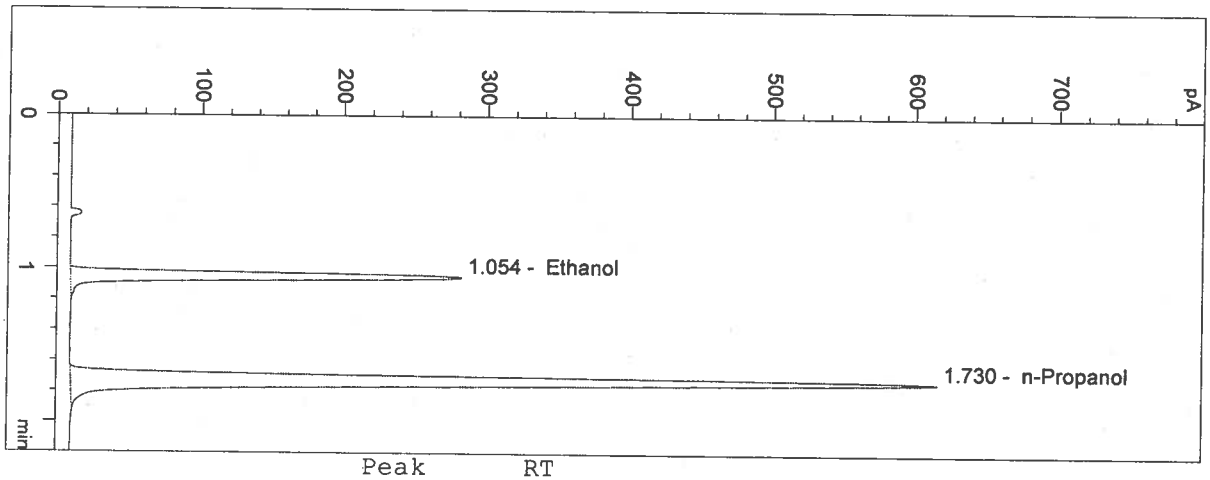
Data File: C:\CHEM32\1\DATA\140728CM\001F0101.D

CM

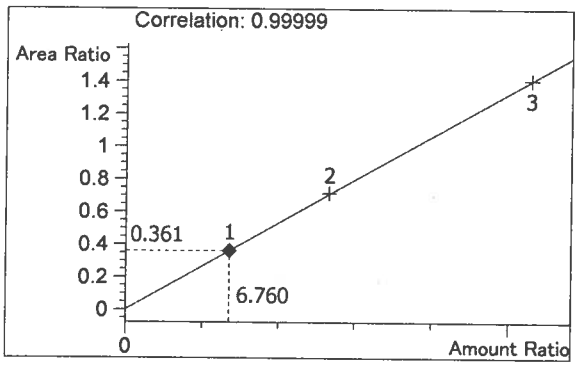
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 9:39:36 AM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

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

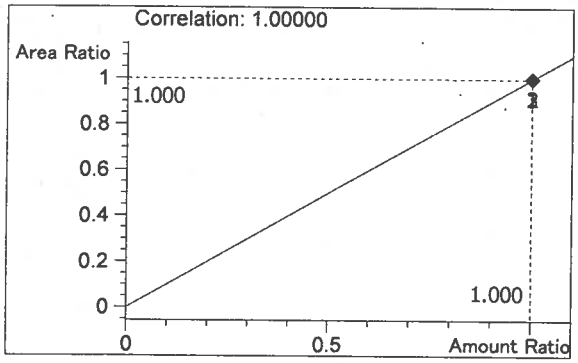


#	Compound	Peak Area	RT (min)
1	Ethanol	874	1.054
2	n-Propanol	2422	1.730



Ethanol 0.081 g/100mL

14032



n-Propanol 0.012 g/100mL

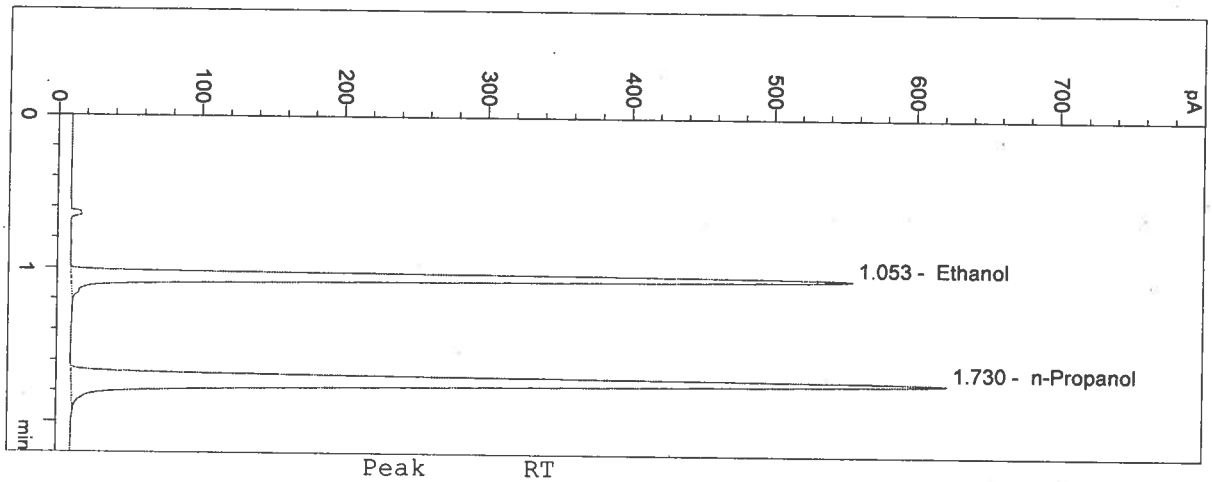
Data File: C:\CHEM32\1\DATA\140728CM\002F0201.D

CM

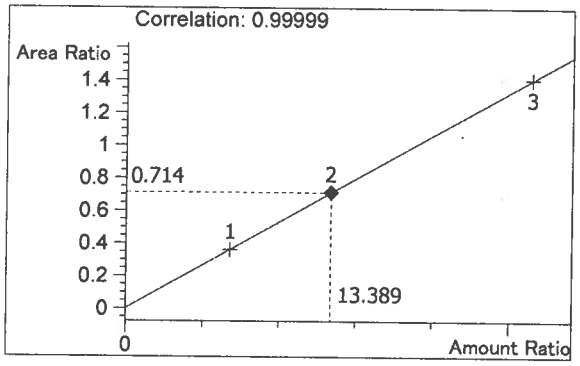
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 9:42:54 AM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

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

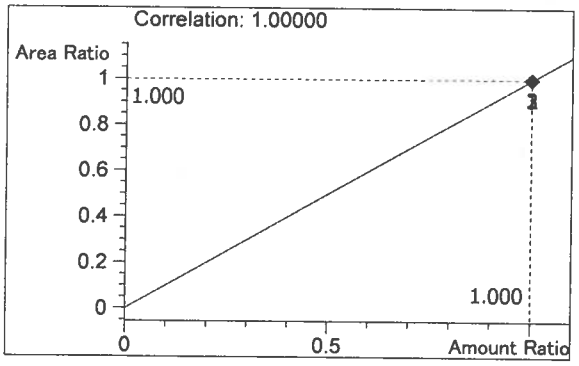


#	Compound	Peak Area	RT (min)
1	Ethanol	1744	1.053
2	n-Propanol	2443	1.730



Ethanol 0.161 g/100mL

14032



n-Propanol 0.012 g/100mL

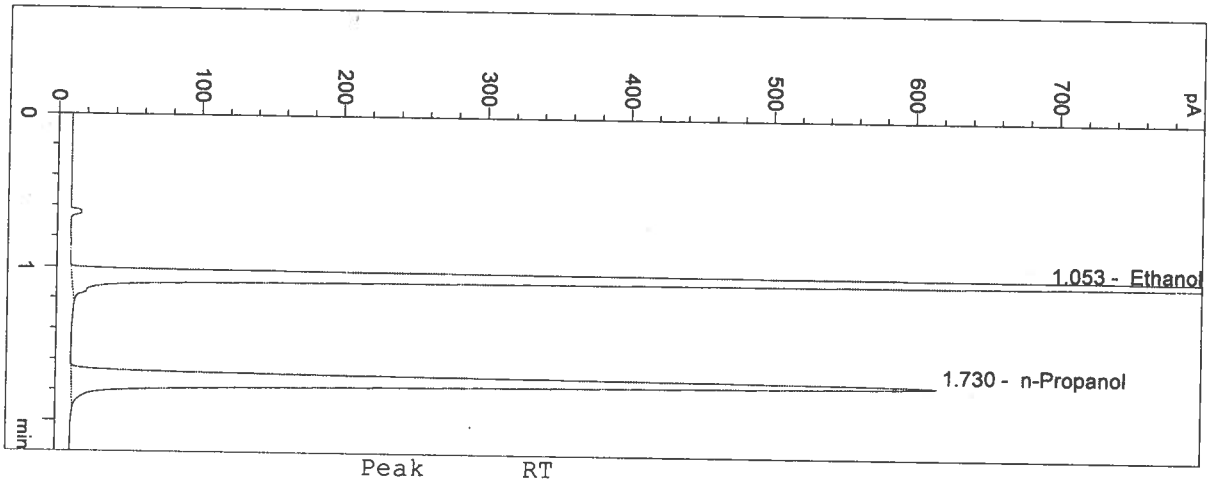
Data File: C:\CHEM32\1\DATA\140728CM\003F0301.D

CM

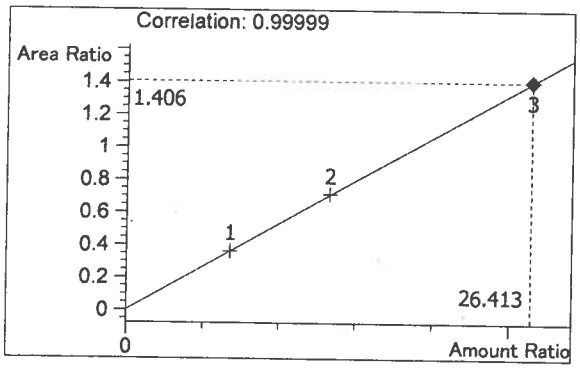
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 9:46:09 AM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

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

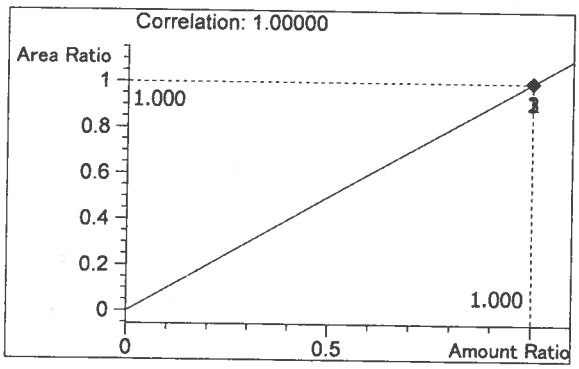


#	Compound	Peak Area	RT (min)
1	Ethanol	3407	1.053
2	n-Propanol	2422	1.730



Ethanol 0.317 g/100mL

14032



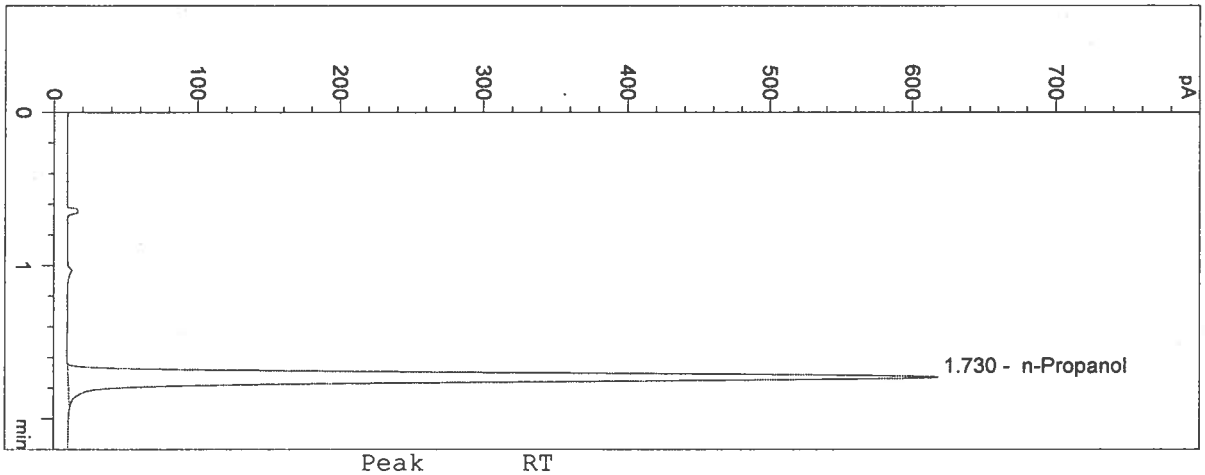
n-Propanol 0.012 g/100mL

Data File: C:\CHEM32\1\DATA\140728CM\004F0401.D

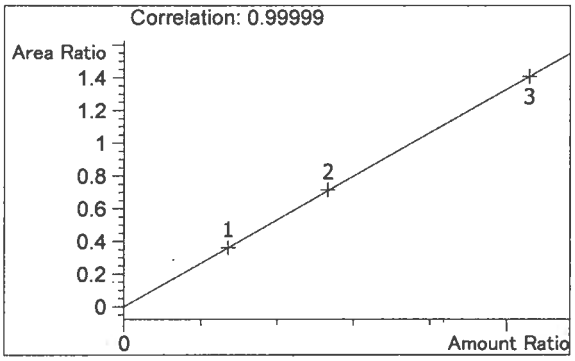
CM

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

Inj. Date: 7/28/2014 9:49:23 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:

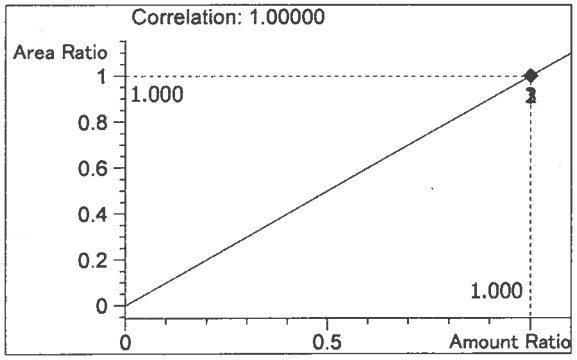


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2446	1.730



Ethanol 0.000 g/100mL

14032



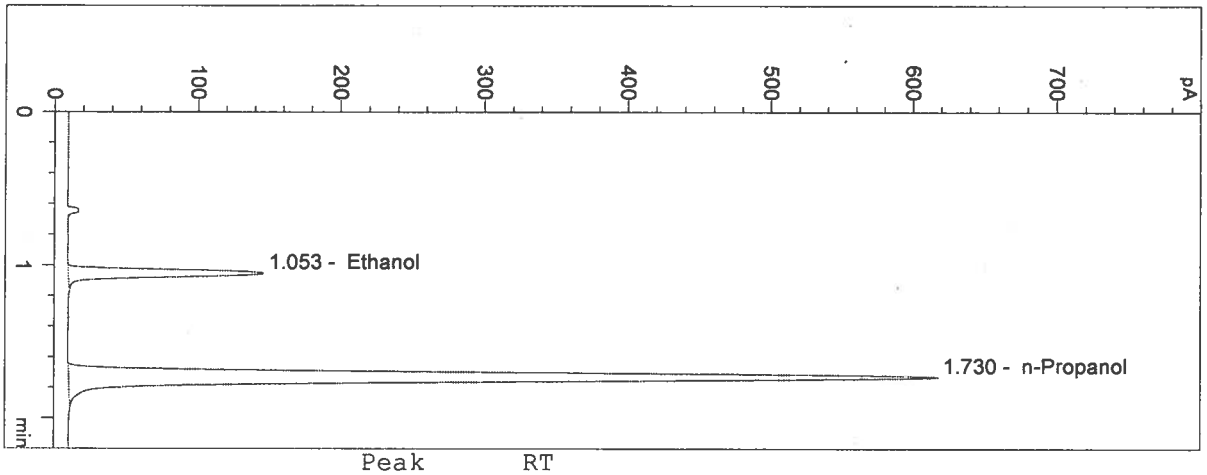
n-Propanol 0.012 g/100mL

Data File: C:\CHEM32\1\DATA\140728CM\005F0501.D Page 1 of 1

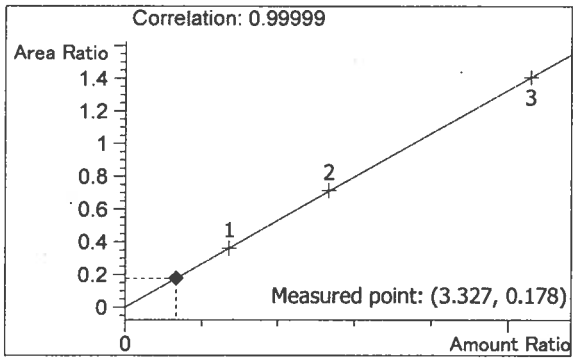
CM

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

Inj. Date: 7/28/2014 9:52:36 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:

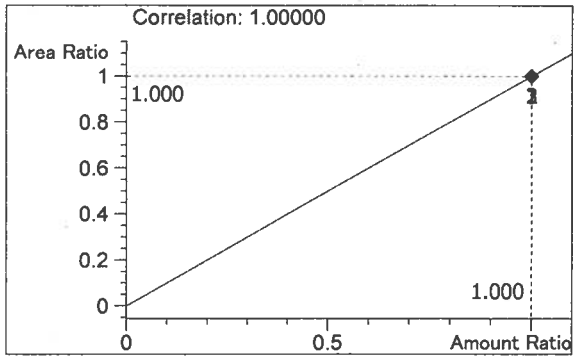


#	Compound	Peak Area	RT (min)
1	Ethanol	435	1.053
2	n-Propanol	2437	1.730



Ethanol 0.040 g/100mL

14032

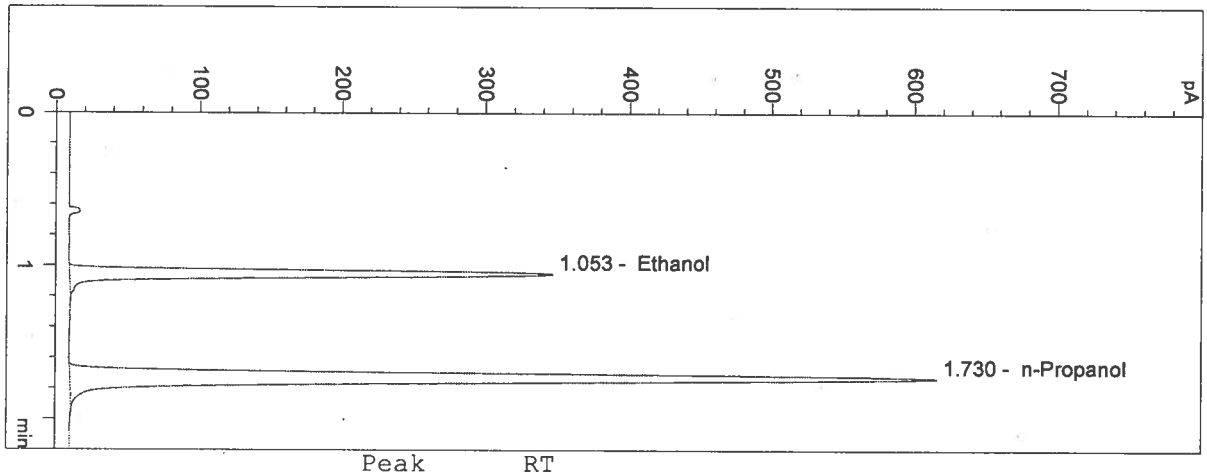


n-Propanol 0.012 g/100mL

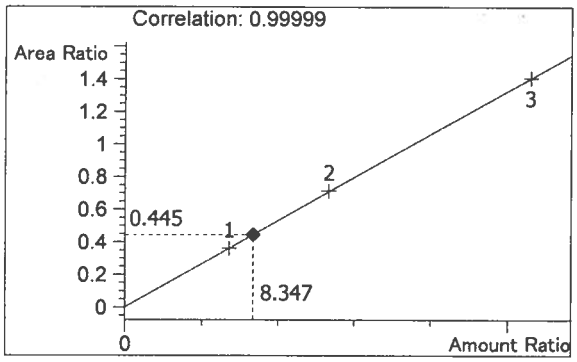
CM

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

Inj. Date: 7/28/2014 9:55:48 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:

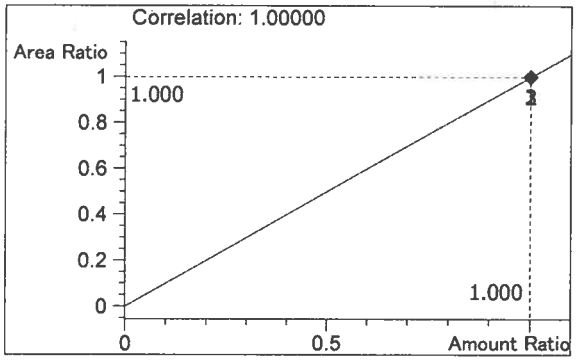


#	Compound	Peak Area	RT (min)
1	Ethanol	1083	1.053
2	n-Propanol	2431	1.730



Ethanol 0.100 g/100mL

14032



n-Propanol 0.012 g/100mL

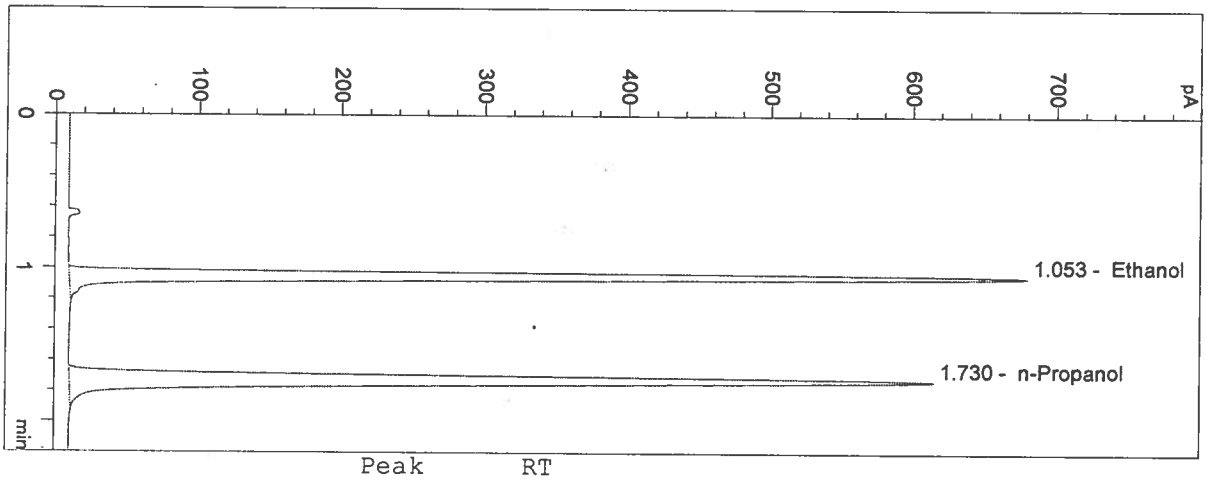
Data File: C:\CHEM32\1\DATA\140728CM\007F0701.D Page 1 of 1

CM

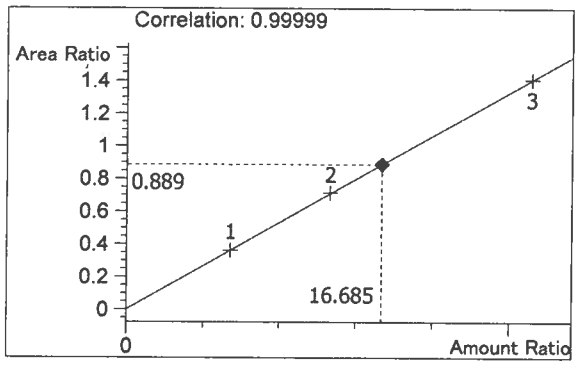
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 9:59:03 AM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: CTRL 3 (0.20)
Operator: Christie Mitchell-Mata
Location: Vial 8

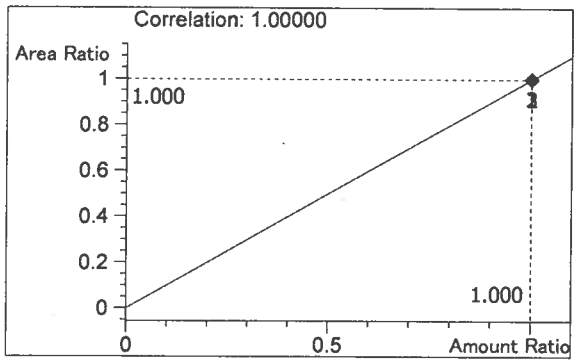


#	Compound	Peak Area	RT (min)
1	Ethanol	2148	1.053
2	n-Propanol	2416	1.730



Ethanol 0.200 g/100mL

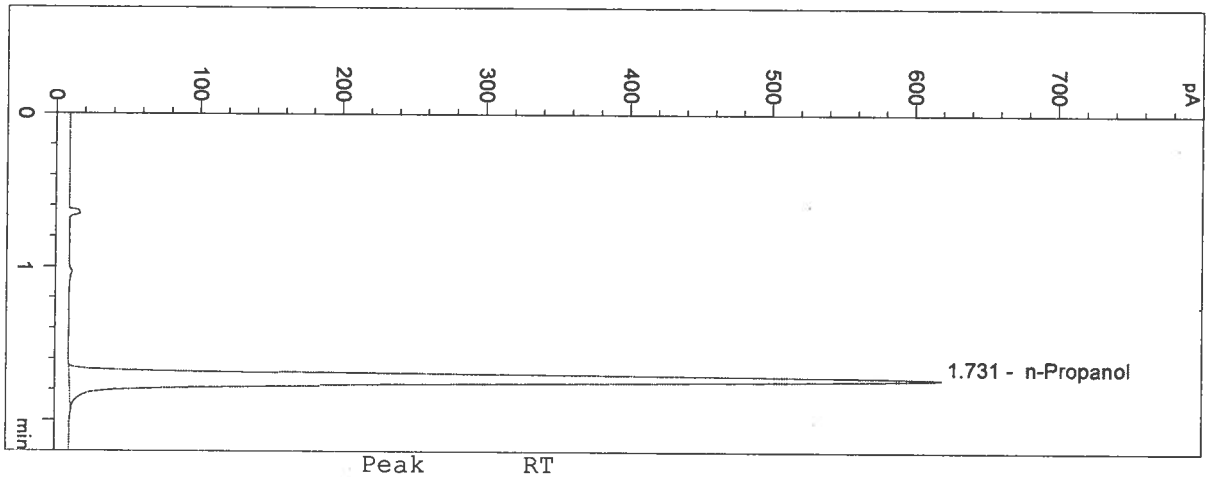
14032



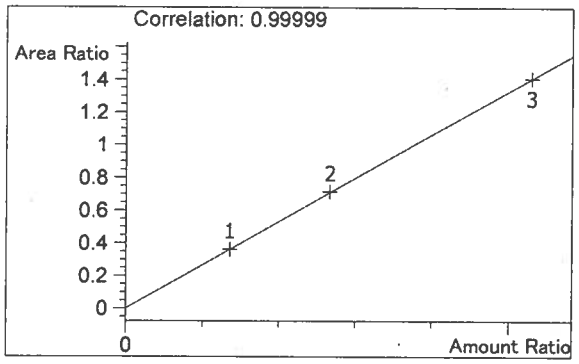
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/28/2014 10:02:16 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:

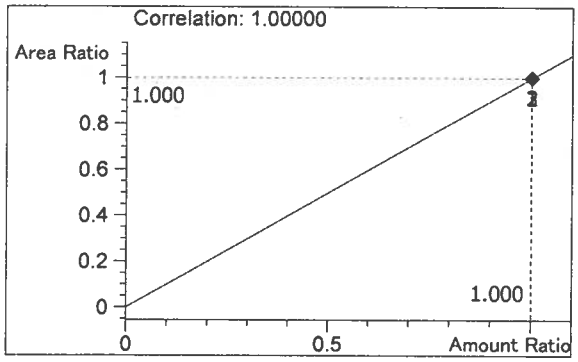


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2450	1.731



Ethanol 0.000 g/100mL

14032

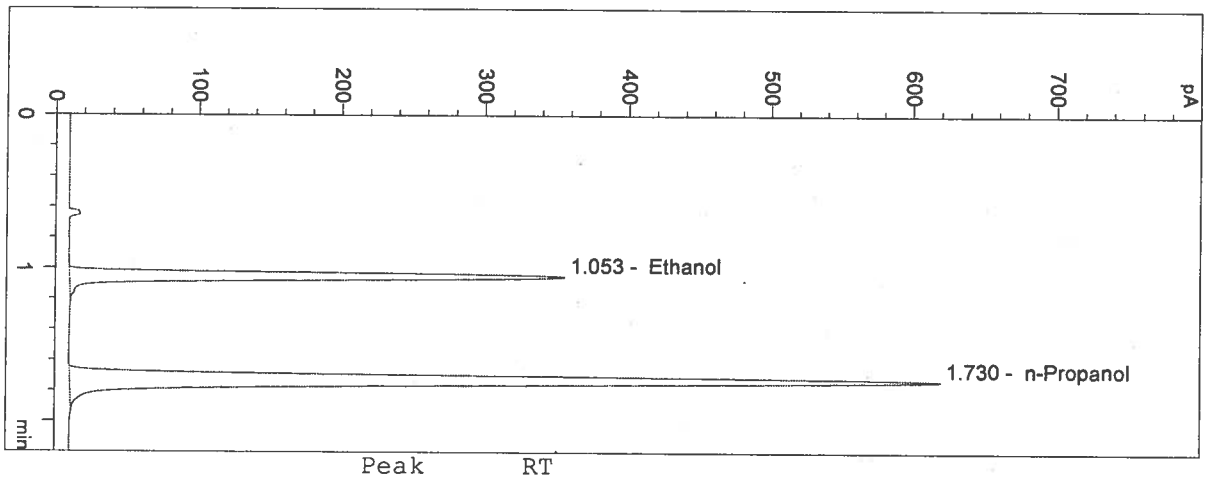


n-Propanol 0.012 g/100mL

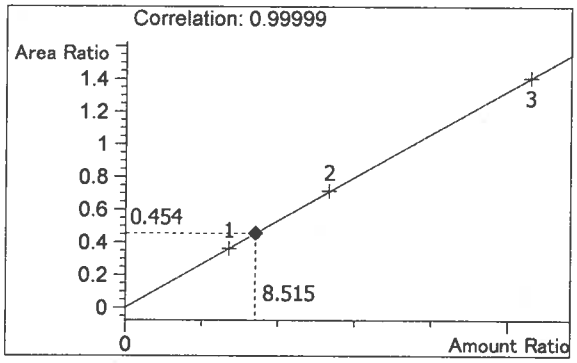
CM

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

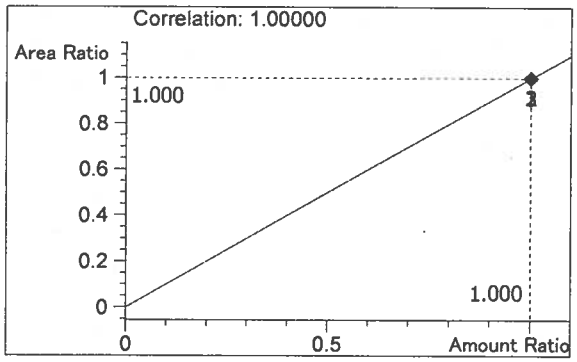
Inj. Date: 7/28/2014 10:05:28 AM Sample Name: 14032-1
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 10
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1113	1.053
2	n-Propanol	2450	1.730



Ethanol 0.102 g/100mL



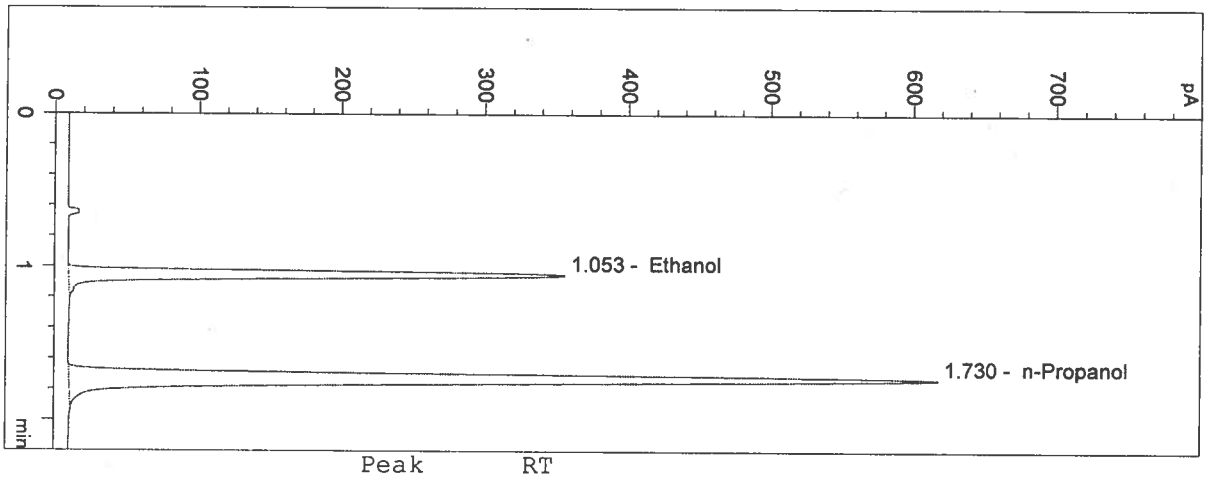
n-Propanol 0.012 g/100mL

---

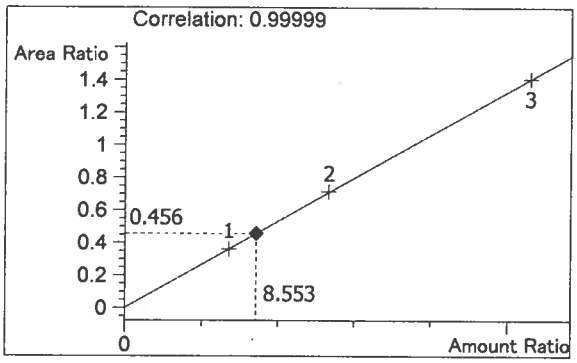
cm

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

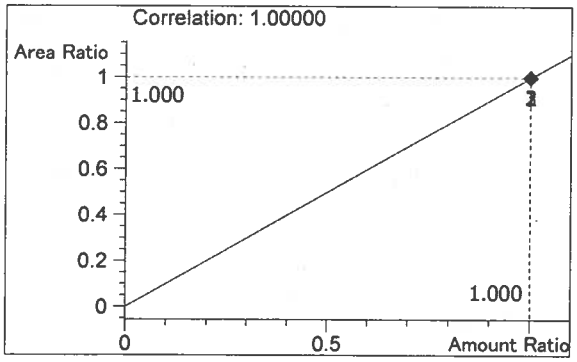
Inj. Date: 7/28/2014 10:08:42 AM Sample Name: 14032-2
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 11
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.053
2	n-Propanol	2437	1.730



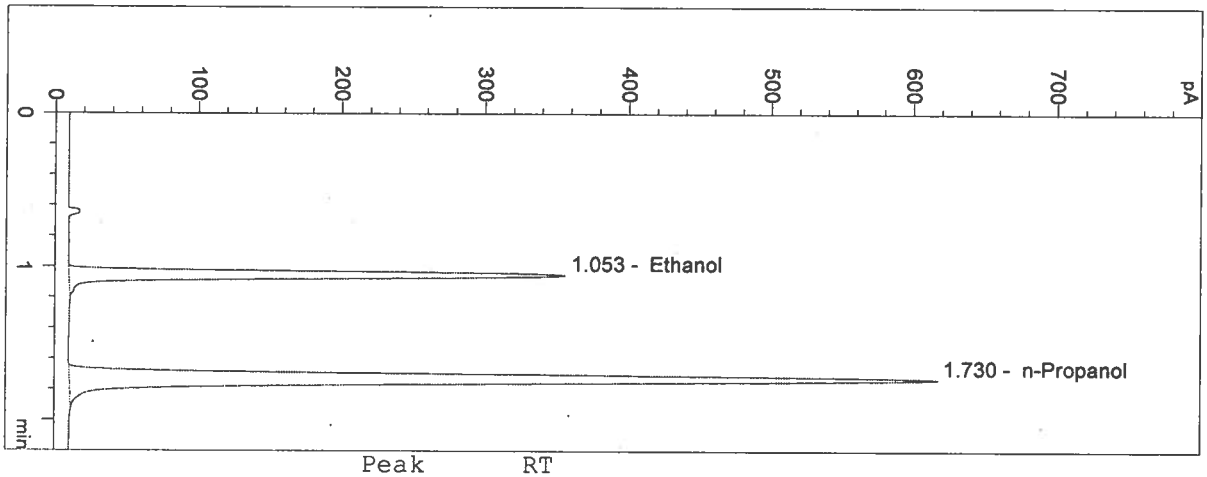
Ethanol 0.103 g/100mL



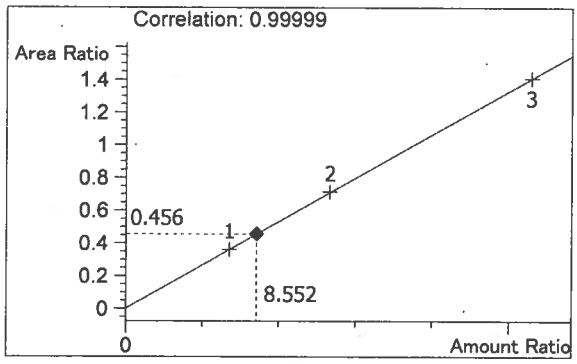
n-Propanol 0.012 g/100mL

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

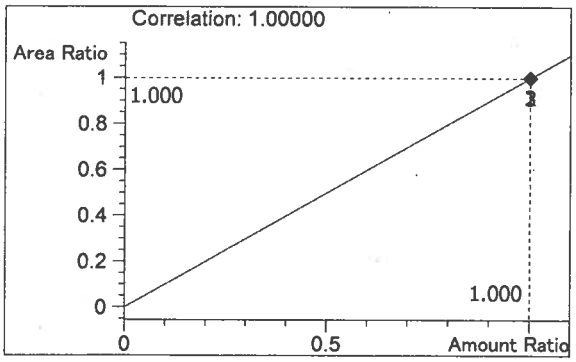
Inj. Date: 7/28/2014 10:11:55 AM Sample Name: 14032-3
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 12
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1110	1.053
2	n-Propanol	2434	1.730



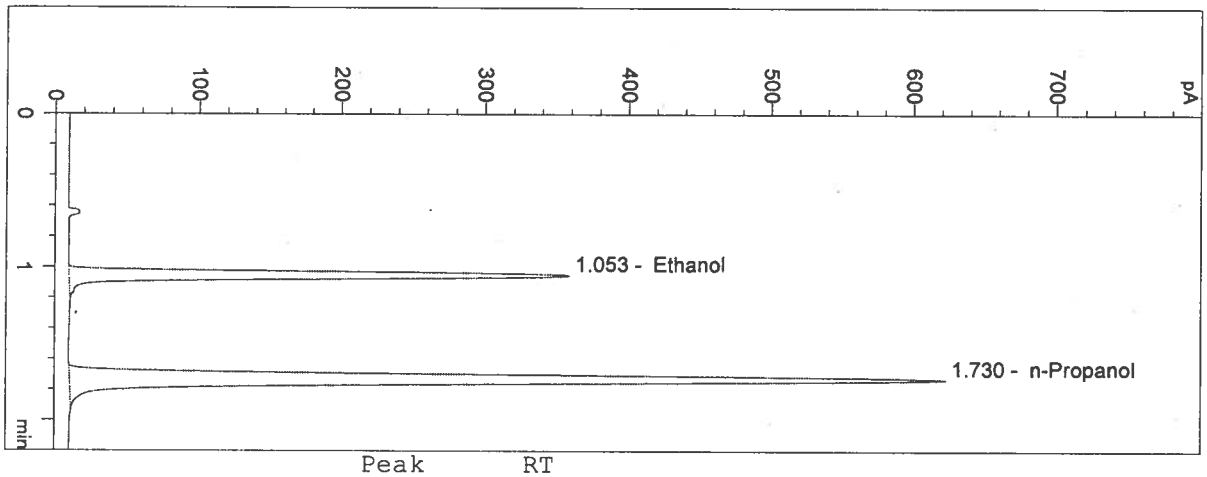
Ethanol 0.103 g/100mL



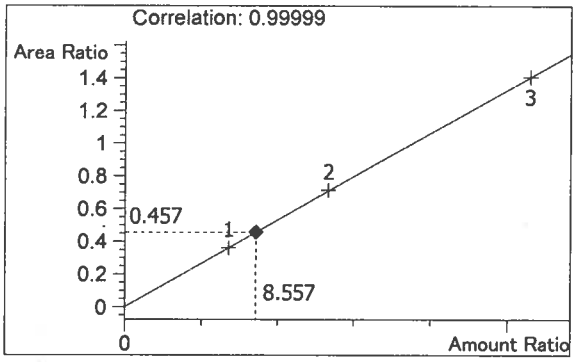
n-Propanol 0.012 g/100mL

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

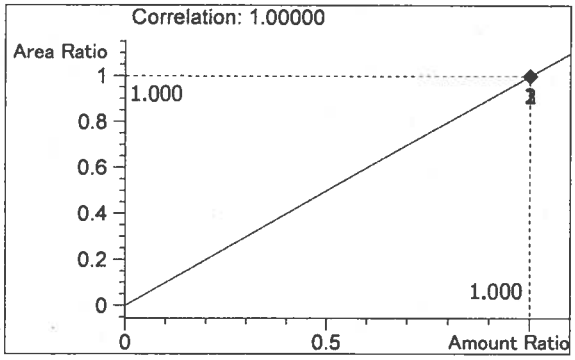
Inj. Date: 7/28/2014 10:15:10 AM Sample Name: 14032-4
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 13
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1121	1.053
2	n-Propanol	2454	1.730



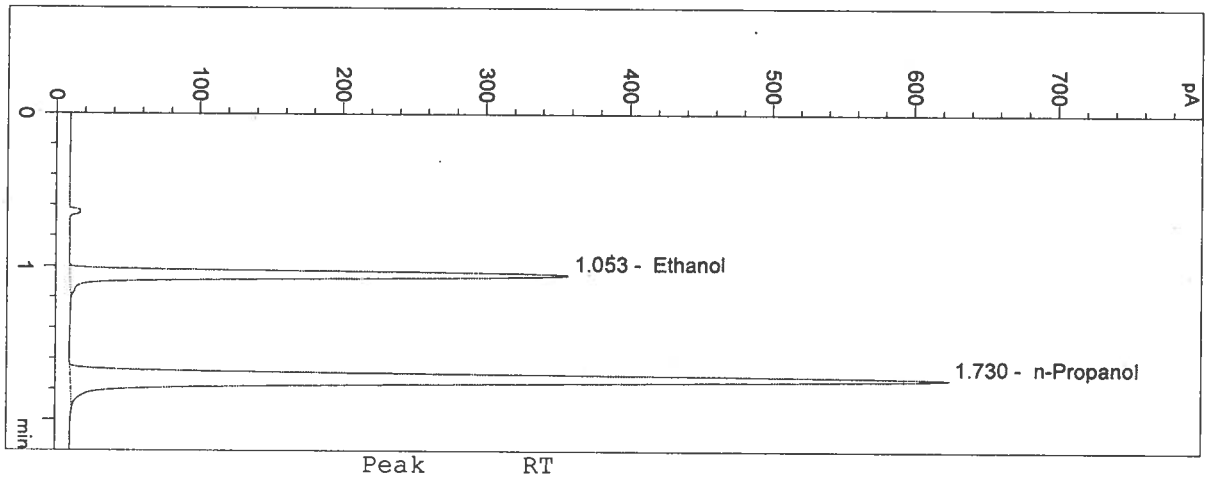
Ethanol 0.103 g/100mL



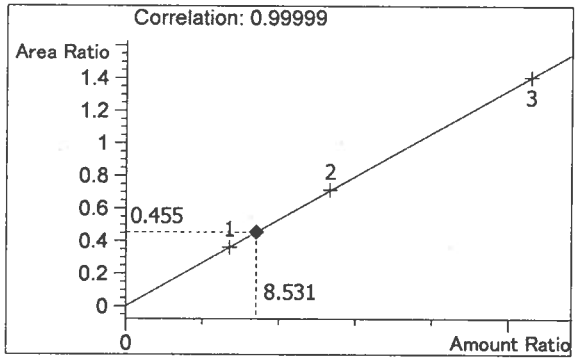
n-Propanol 0.012 g/100mL

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

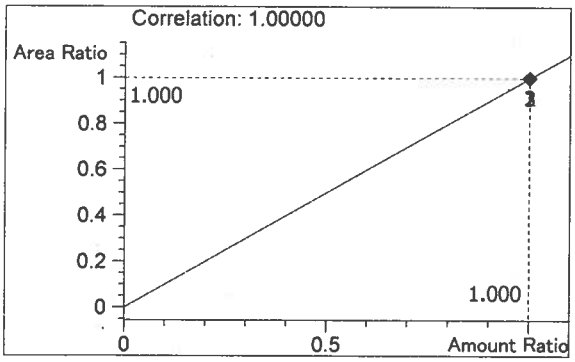
Inj. Date: 7/28/2014 10:18:21 AM Sample Name: 14032-5
Instrument: HSGC 1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 14
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1121	1.053
2	n-Propanol	2463	1.730



Ethanol 0.102 g/100mL

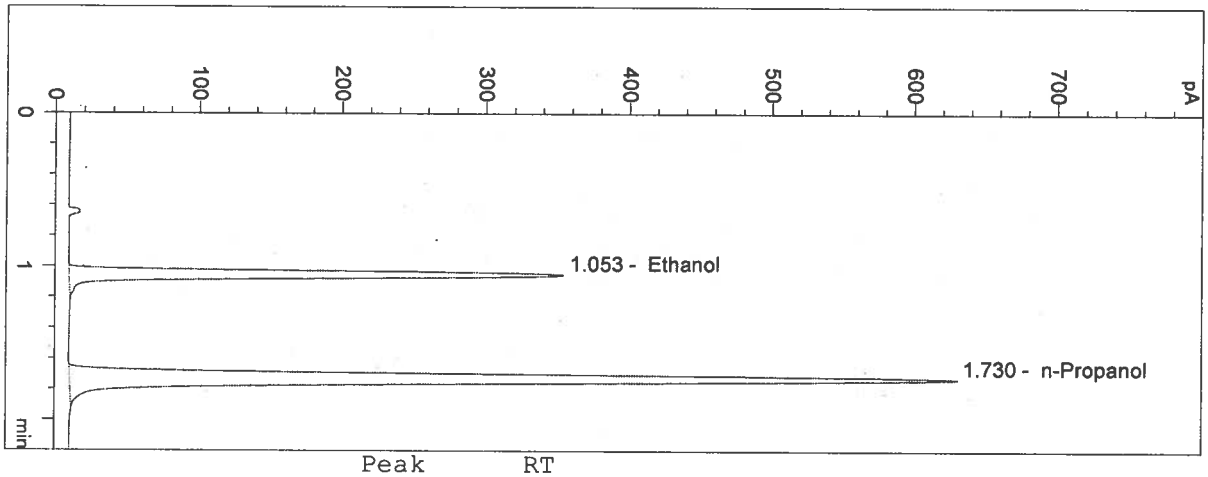


n-Propanol 0.012 g/100mL

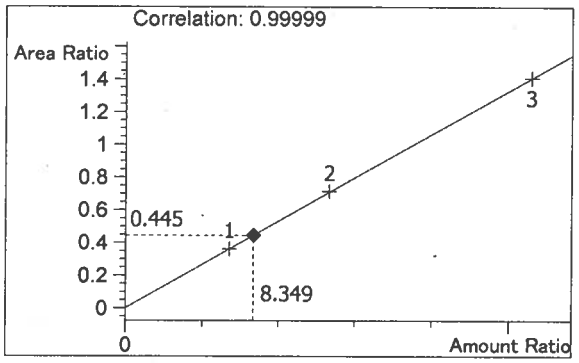
CM

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

Inj. Date: 7/28/2014 10:21:36 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:

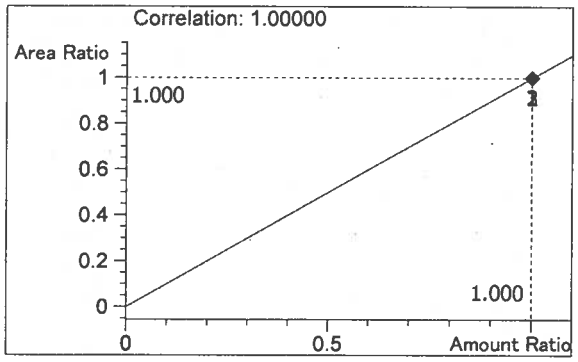


#	Compound	Peak Area	RT (min)
1	Ethanol	1107	1.053
2	n-Propanol	2484	1.730



Ethanol 0.100 g/100mL

14032



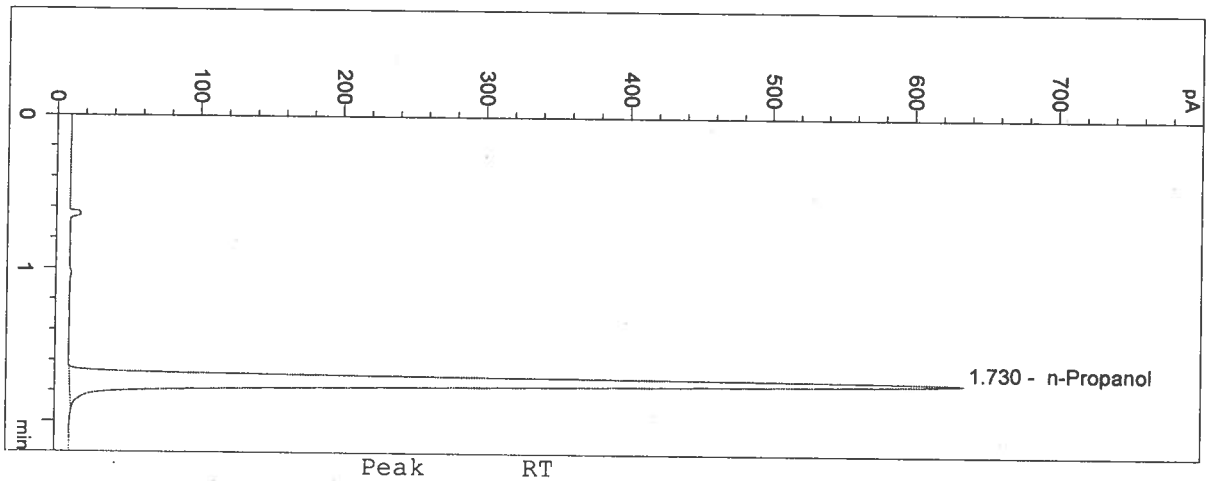
n-Propanol 0.012 g/100mL

CM

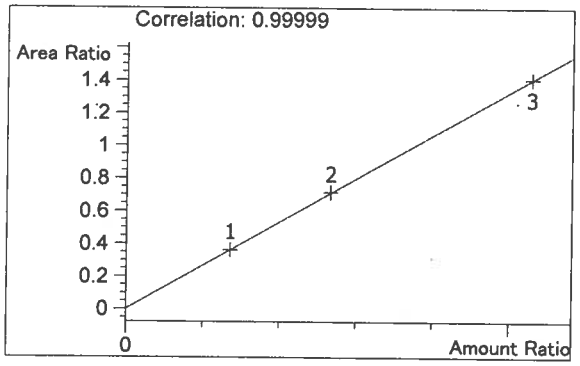
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 10:24:49 AM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

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

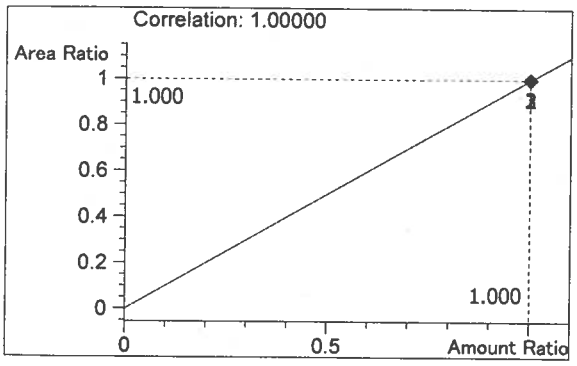


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2494	1.730



Ethanol 0.000 g/100mL

14032



n-Propanol 0.012 g/100mL

Data File: C:\CHEM32\1\DATA\140728CM\016F1601.D

CM

Operator name not changed on instrument prior to starting run. Correct operator is Katie Knorr.
KK 7/29/14

Sequence Parameters:

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

Operator : ~~Asa Louis~~ Katie Knorr KK 7/29/14

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

Data Subdirectory : 140728KK

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

14031
14032

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	14031-1	SIMALC1	1	Sample	

140728KK
KK

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

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
11	Vial 11	14031-2	SIMALC1	1	Sample	
12	Vial 12	14031-3	SIMALC1	1	Sample	
13	Vial 13	14031-4	SIMALC1	1	Sample	
14	Vial 14	14031-5	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	14032-1	SIMALC1	1	Sample	
18	Vial 18	14032-2	SIMALC1	1	Sample	
19	Vial 19	14032-3	SIMALC1	1	Sample	
20	Vial 20	14032-4	SIMALC1	1	Sample	
21	Vial 21	14032-5	SIMALC1	1	Sample	
22	Vial 22	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp	

14031

Calibration Part:

14032

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!

140728 KK

Calibration Table

General Calibration Setting

Calib. Data Modified : Monday, July 28, 2014 3:42:34 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): 14031

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

14032

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	867.68646	9.36283e-5	No	No	1	Ethanol
		2	1.59860e-1	1782.76172	8.96699e-5				
		3	3.17330e-1	3545.82300	8.94940e-5				
1.729	1	1	1.20000e-2	2404.56055	4.99052e-6	No	Yes	1	n-Propanol

140728KK
KK

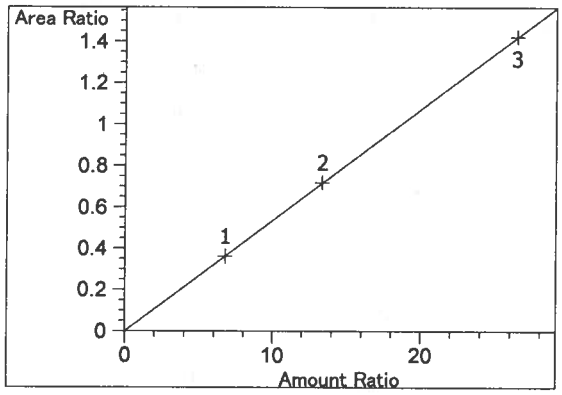
Method C:\CHEM32\1\METHODS\SIMALC1.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	2485.16406	4.82866e-6			
		3	1.20000e-2	2494.19897	4.81116e-6			

Peak Sum Table

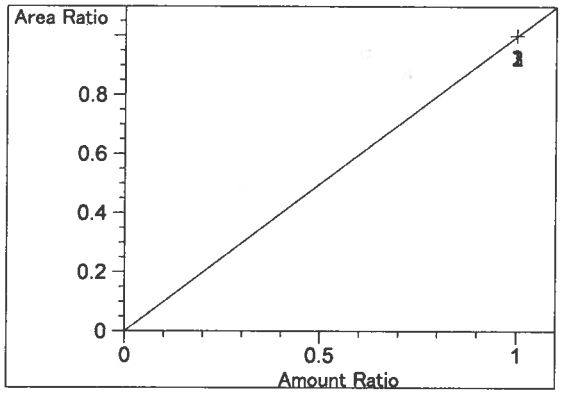
No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.053
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00216
Formula: y = mx + b
m: 5.38045e-2
b: -9.99010e-4
x: Amount
y: Area

14031



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

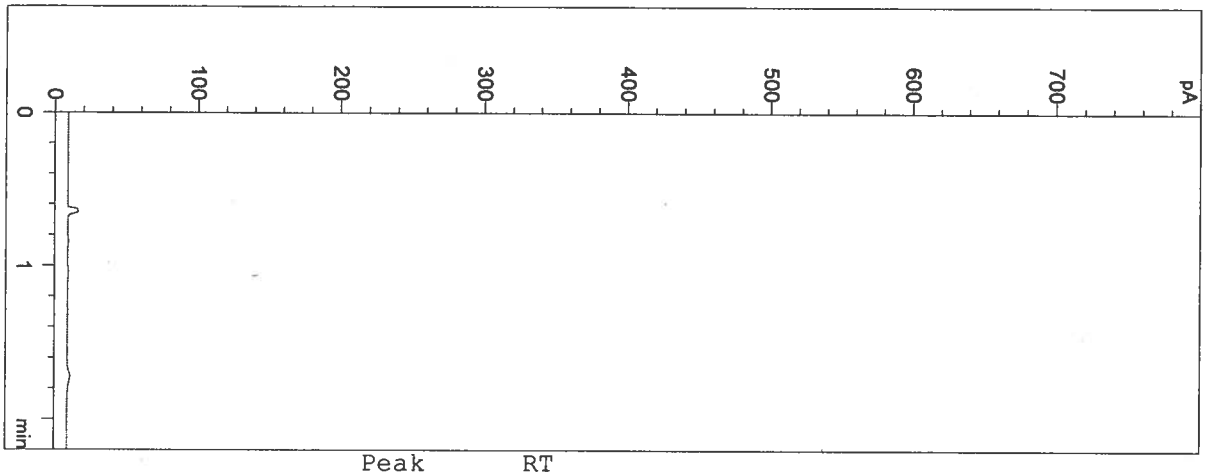
14032

140728KK
KK

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

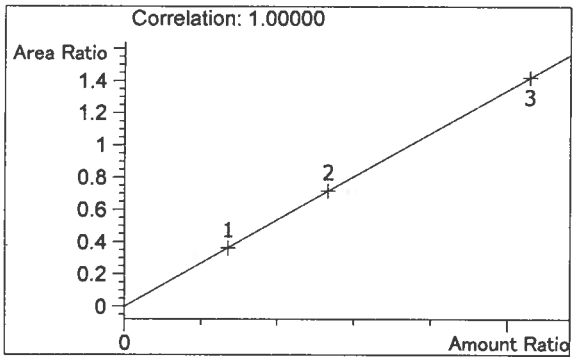
Inj. Date: 7/28/2014 3:30:28 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: BLANK
Operator: ~~Asa Louis~~ Katie Knorr 7/29/14
Location: Vial 1



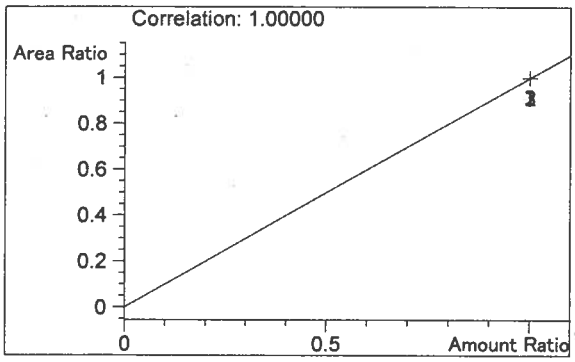
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000

14031



Ethanol 0.000 g/100mL

14032

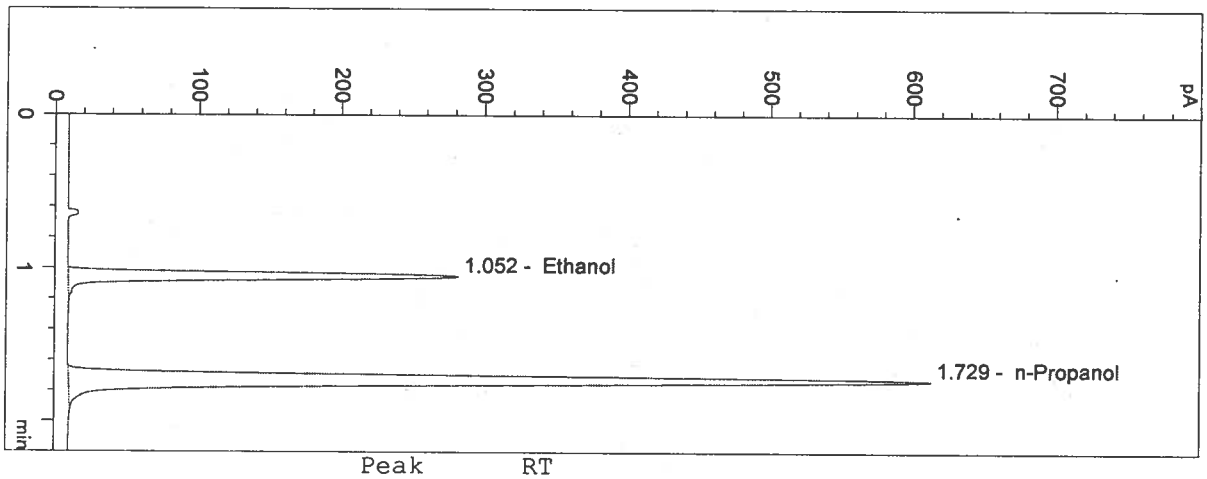


n-Propanol 0.000 g/100mL

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

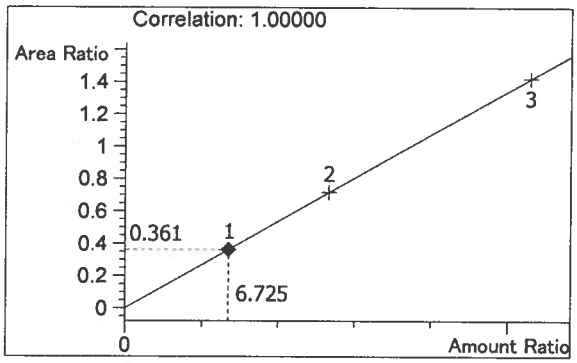
Inj. Date: 7/28/2014 3:33:47 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: CAL 1 (0.079)
Operator: ~~Asa Louis~~ Katie Knorr 7/29/14
Location: Vial 2



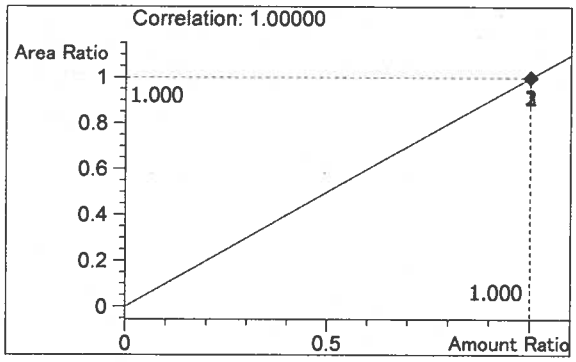
#	Compound	Peak Area	RT (min)
1	Ethanol	868	1.052
2	n-Propanol	2405	1.729

14031



Ethanol 0.081 g/100mL

14032

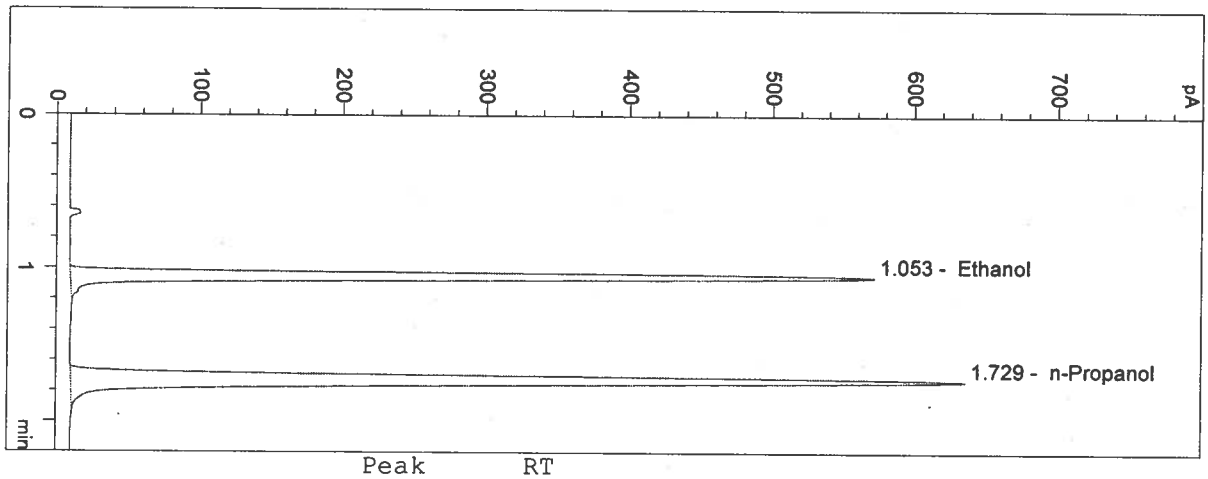


n-Propanol 0.012 g/100mL

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

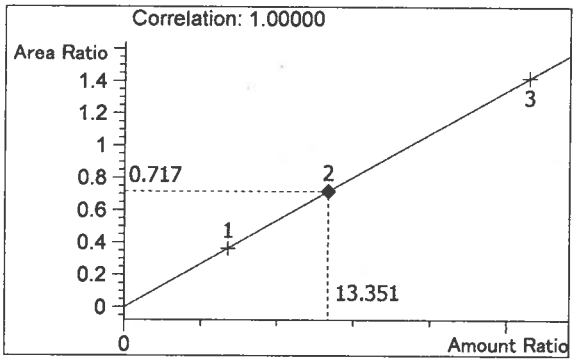
Inj. Date: 7/28/2014 3:37:05 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: CAL 2 (0.158)
Operator: ~~Asa Louis~~ Katie Knorr
Location: Vial 3
7/29/14



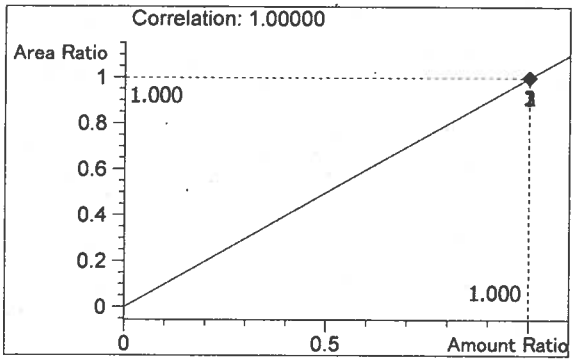
#	Compound	Peak Area	RT (min)
1	Ethanol	1783	1.053
2	n-Propanol	2485	1.729

14031



Ethanol 0.160 g/100mL

14032

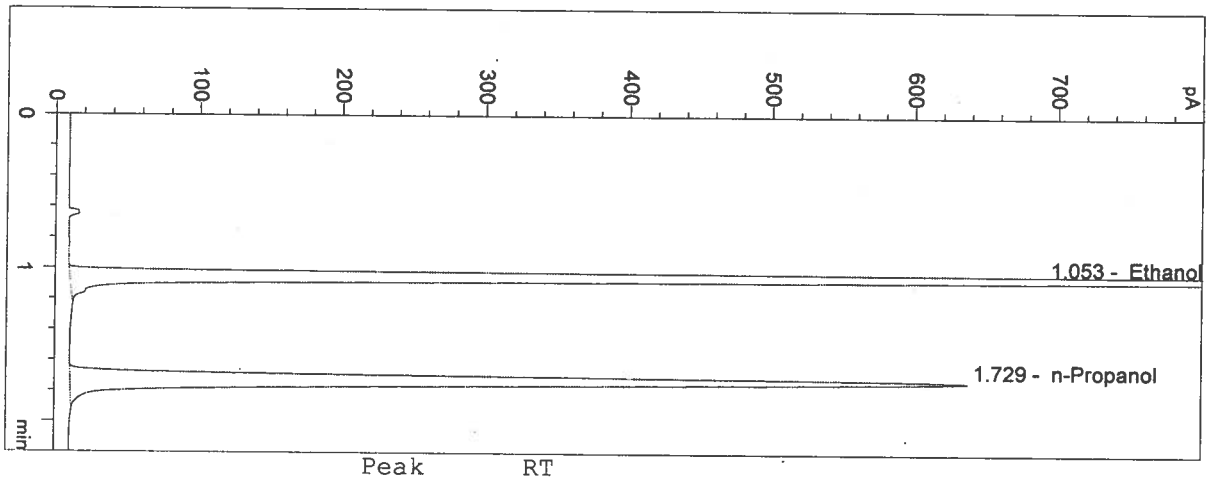


n-Propanol 0.012 g/100mL

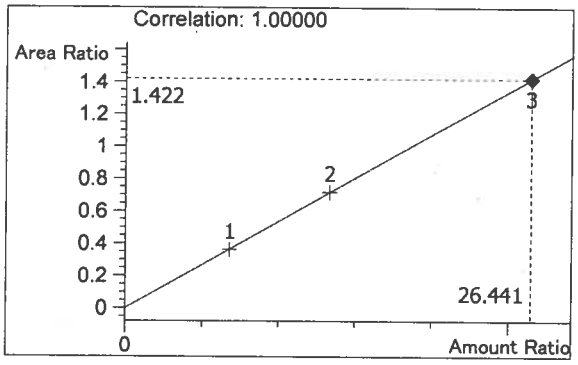
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 3:40:21 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: CAL 3 (0.316)
Operator: ~~Asa Louis~~ Katie Knorr
Location: Vial 4
7/29/14 KK



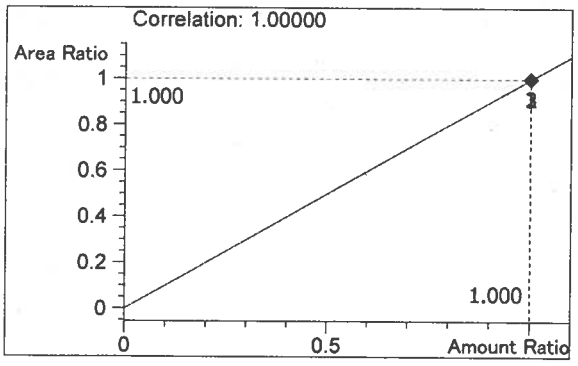
#	Compound	Peak Area	RT (min)
1	Ethanol	3546	1.053
2	n-Propanol	2494	1.729



Ethanol 0.317 g/100mL

14031

14032

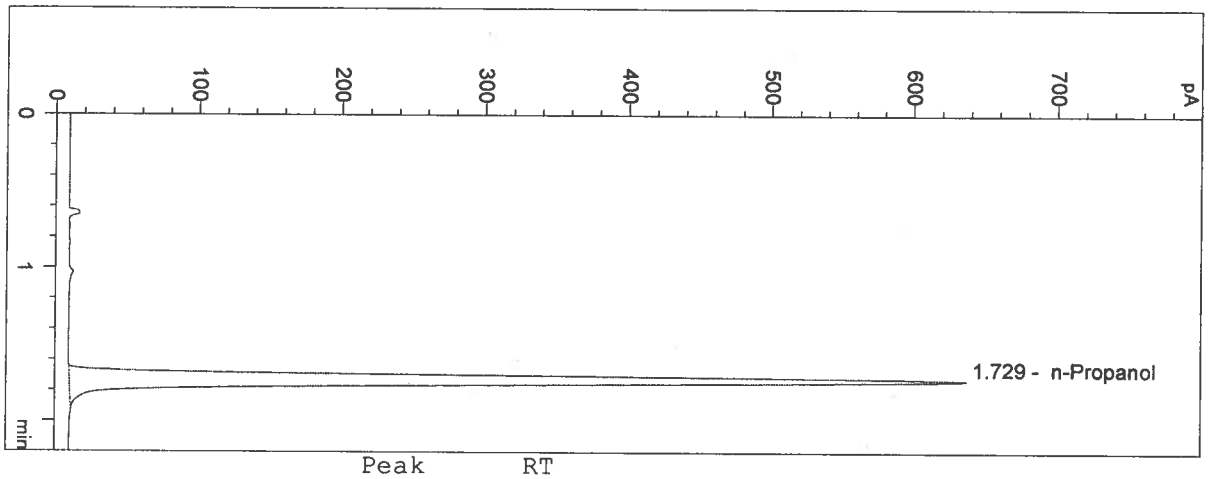


n-Propanol 0.012 g/100mL

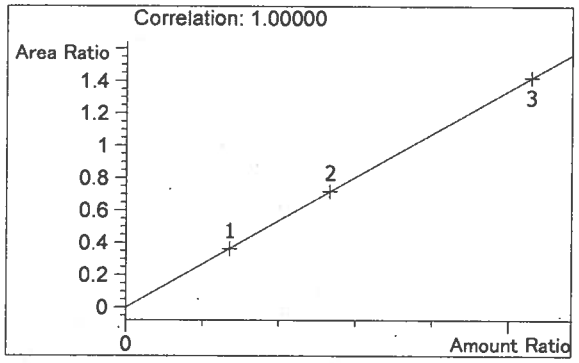
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 3:43:35 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: NEG CTRL
Operator: ~~Asa Louis~~ Katie Knarr KK 7/29/14
Location: Vial 5



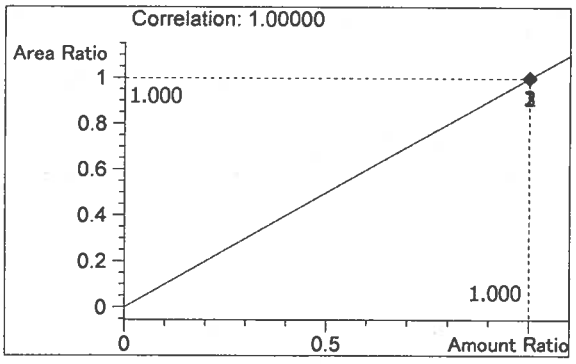
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2503	1.729



Ethanol 0.000 g/100mL

14031

14032

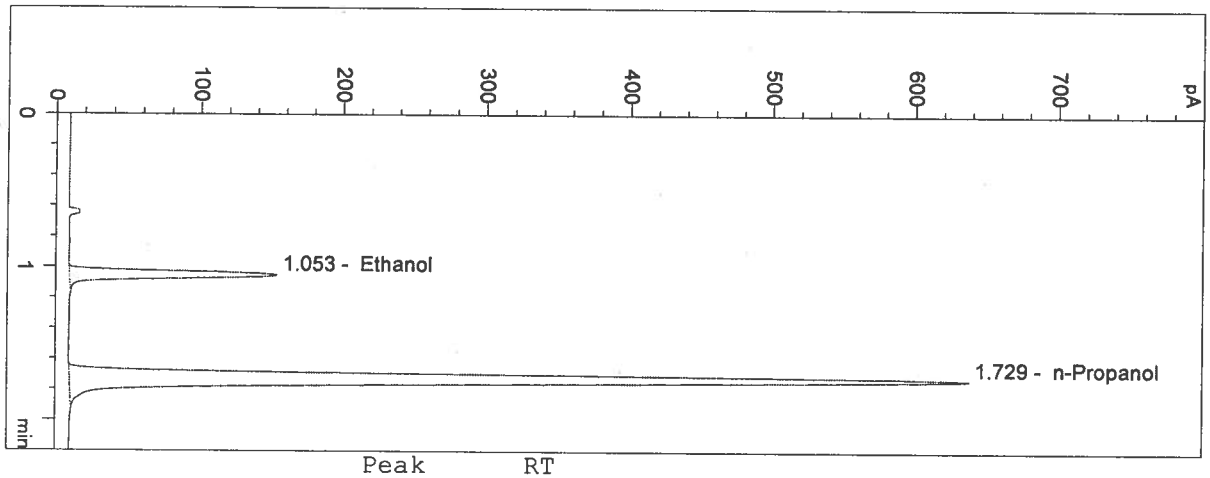


n-Propanol 0.012 g/100mL

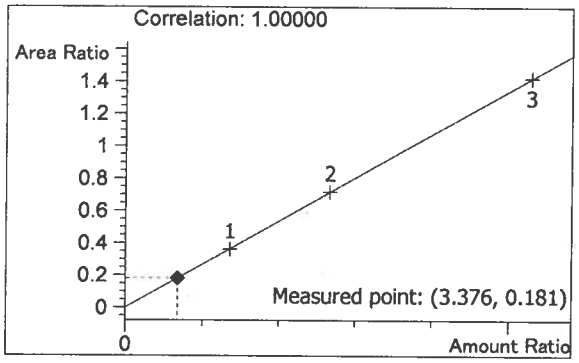
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 3:46:47 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: CTRL 1 (0.04)
Operator: ~~Asa Louie~~ Katie Knorr KK 7/29/14
Location: Vial 6



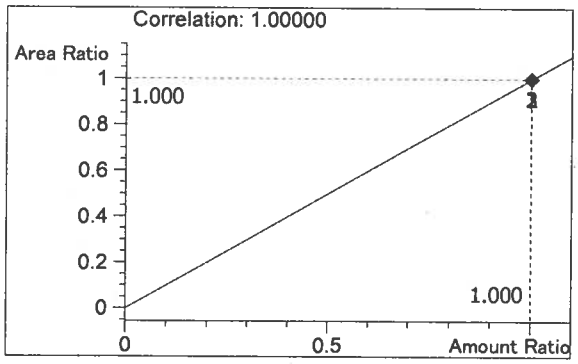
#	Compound	Peak Area	RT (min)
1	Ethanol	452	1.053
2	n-Propanol	2499	1.729



Ethanol 0.041 g/100mL

14031

14032

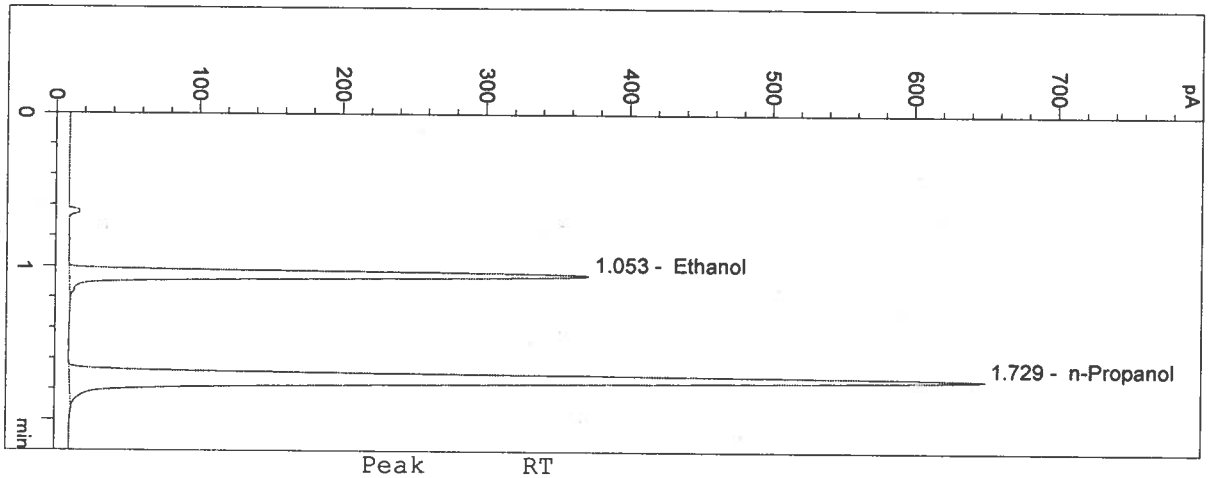


n-Propanol 0.012 g/100mL

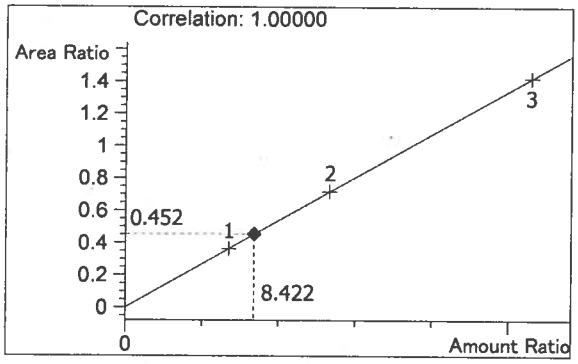
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 3:50:03 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: CTRL 2 (0.10)
Operator: ~~Asa Louis~~ Katie Knorr KK 7/29/14
Location: Vial 7



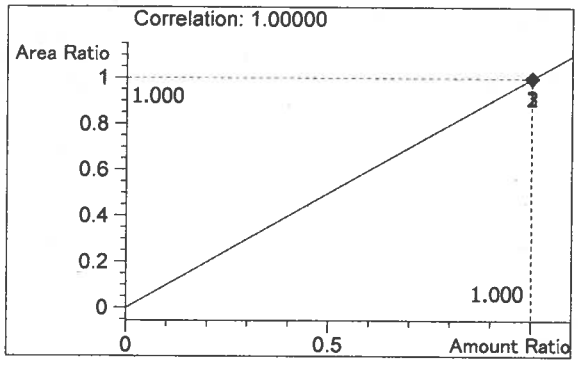
#	Compound	Peak Area	RT (min)
1	Ethanol	1149	1.053
2	n-Propanol	2542	1.729



Ethanol 0.101 g/100mL

14031

14032

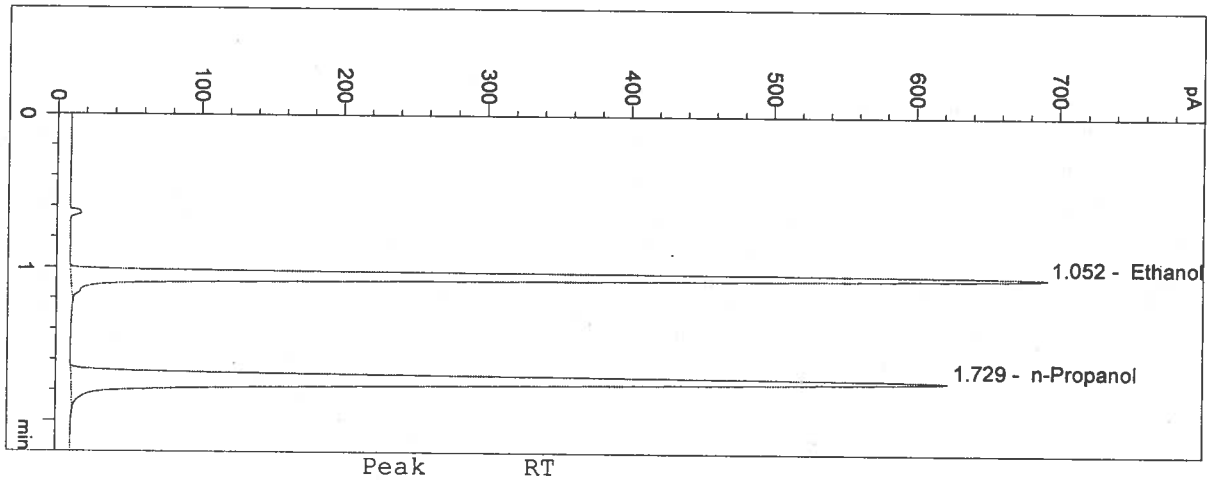


n-Propanol 0.012 g/100mL

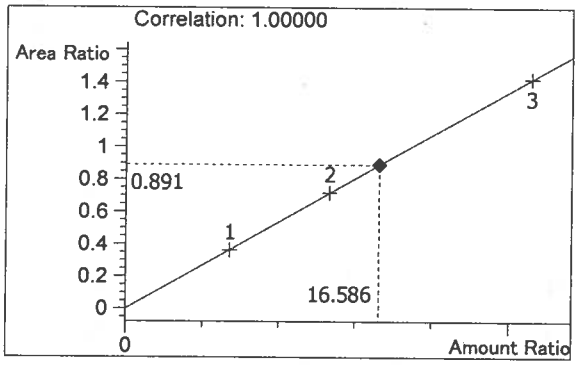
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 3:53:15 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: CTRL 3 (0.20)
Operator: ~~Asa Louis~~ Katie Knorr
Location: Vial 8
KK 7/29/14

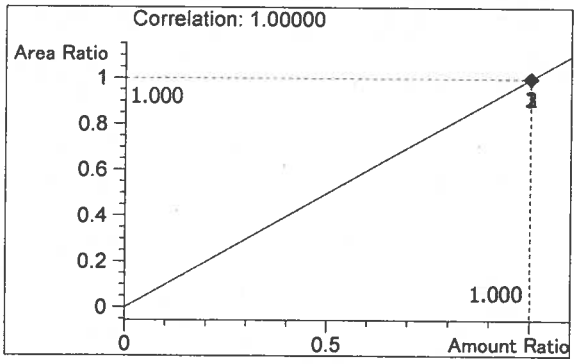


#	Compound	Peak Area	RT (min)
1	Ethanol	2175	1.052
2	n-Propanol	2440	1.729



Ethanol 0.199 g/100mL

14031



n-Propanol 0.012 g/100mL

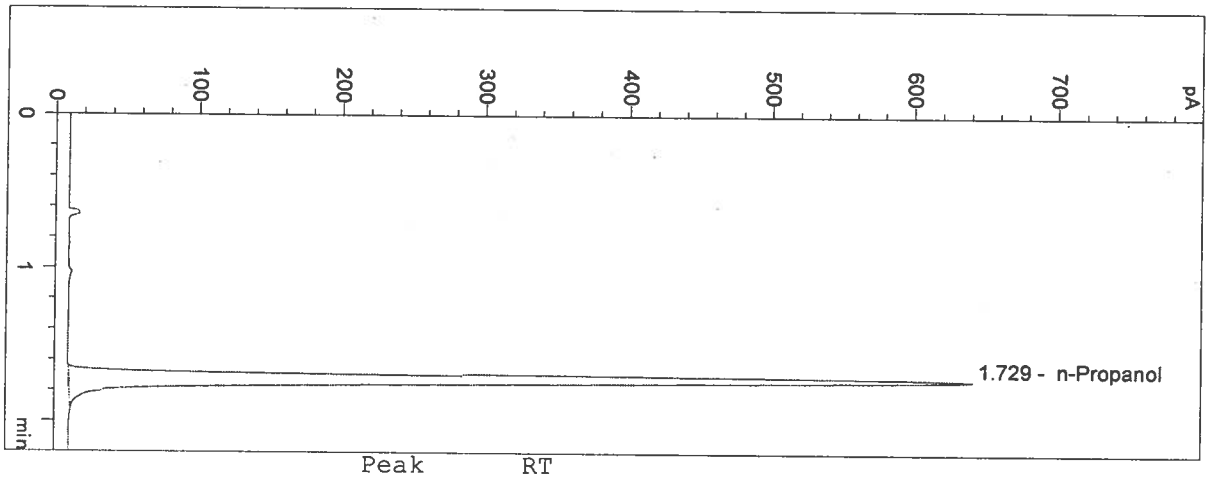
14032

Data File: C:\CHEM32\1\DATA\140728KK\008F0801.D

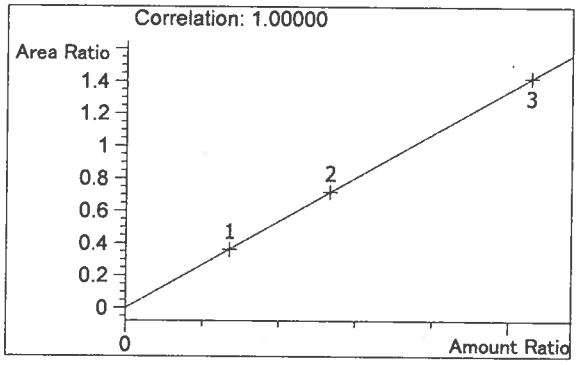
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 3:56:28 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: NEG CTRL
Operator: ~~Asa Louis~~ Katie Knorr KK 7/29/14
Location: Vial 9



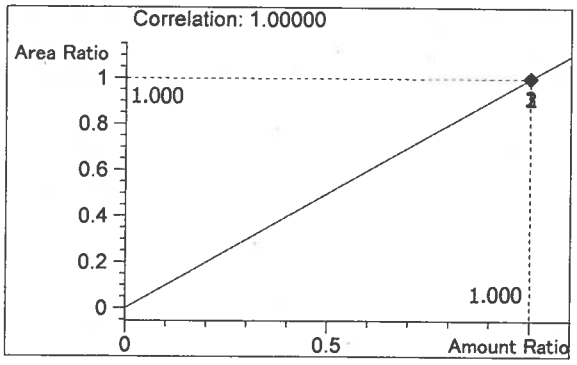
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2516	1.729



Ethanol 0.000 g/100mL

14031

14032

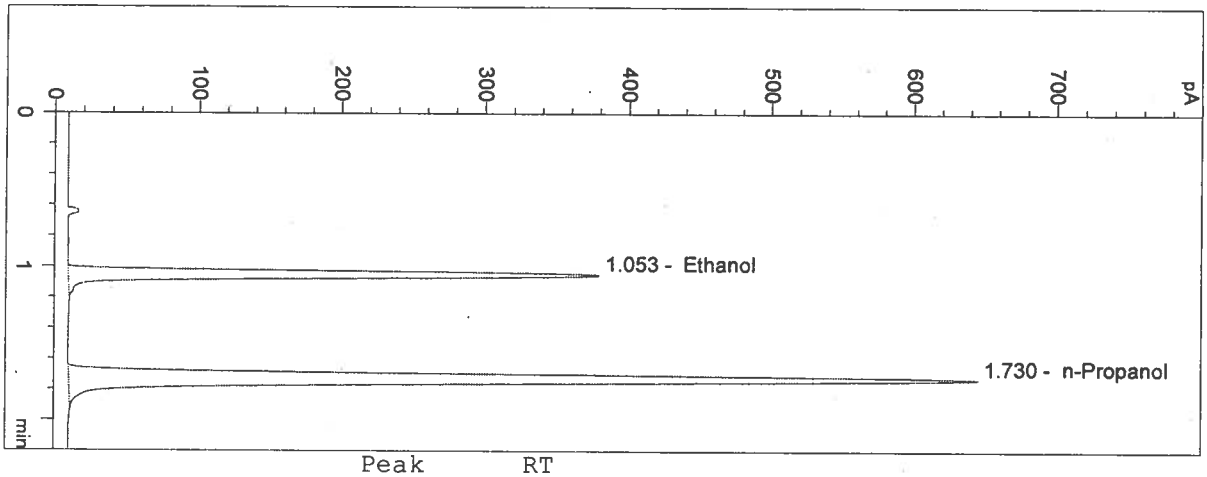


n-Propanol 0.012 g/100mL

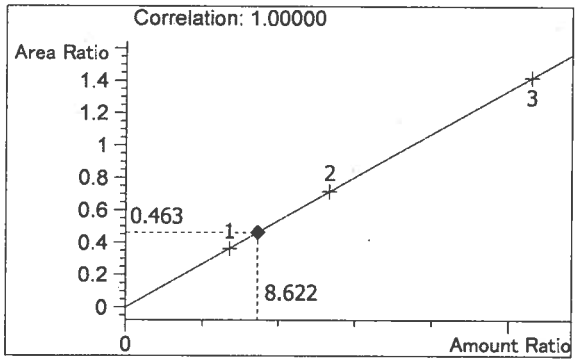
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 4:22:15 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

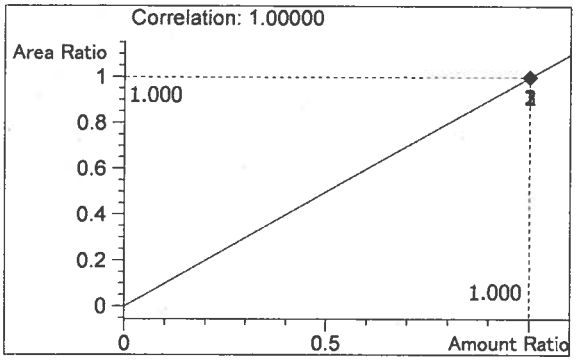
Sample Name: 14032-1
Operator: ~~Asa Louis~~ Katie Knorr KK 7/29/14
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	1170	1.053
2	n-Propanol	2529	1.730



Ethanol 0.103 g/100mL

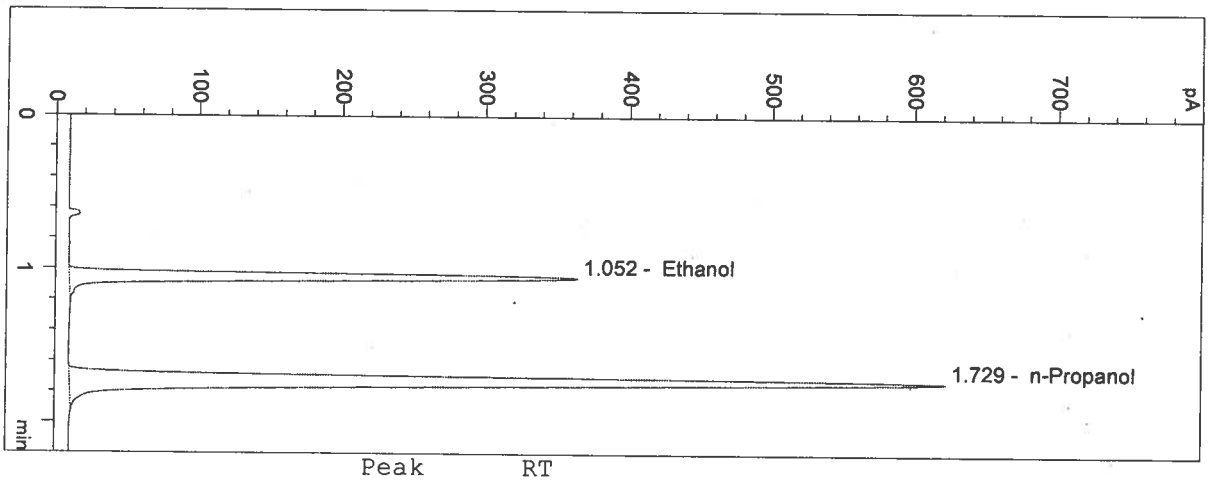


n-Propanol 0.012 g/100mL

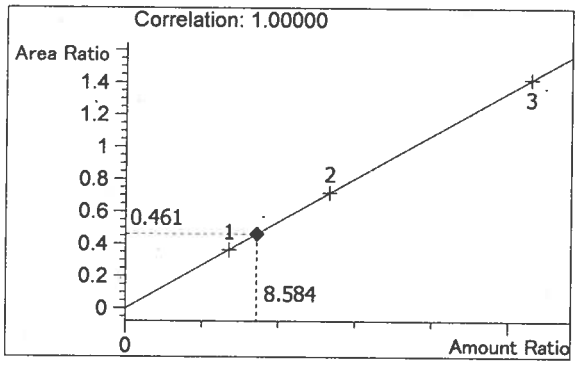
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 4:25:28 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

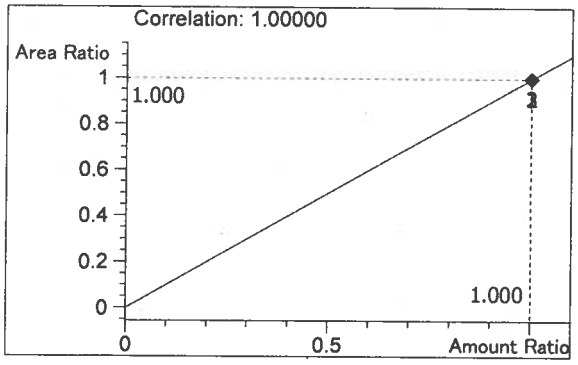
Sample Name: 14032-2
Operator: ~~Asa Louis~~ Katie Knorr KK 7/29/14
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	1122	1.052
2	n-Propanol	2434	1.729



Ethanol 0.103 g/100mL

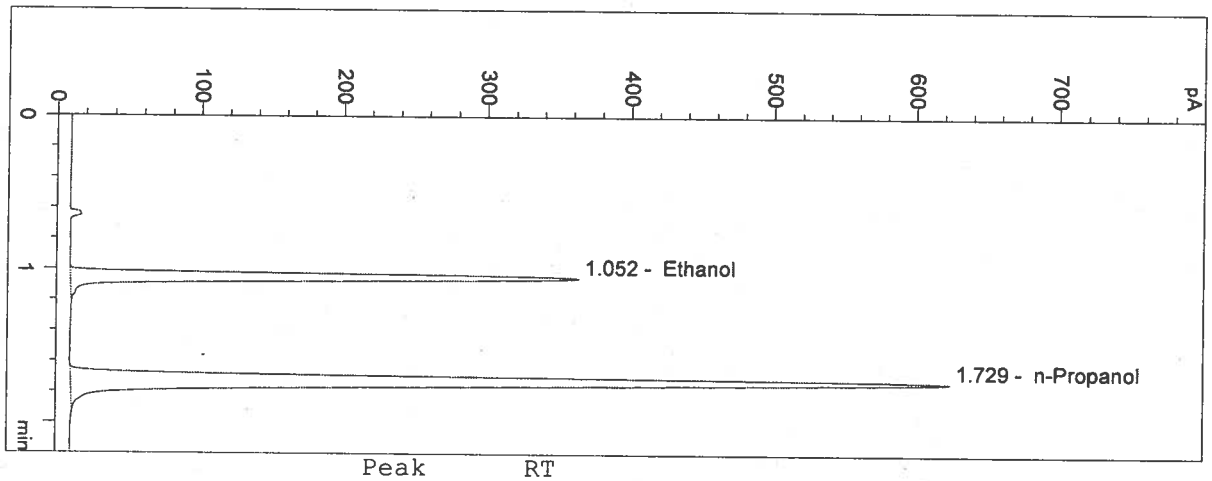


n-Propanol 0.012 g/100mL

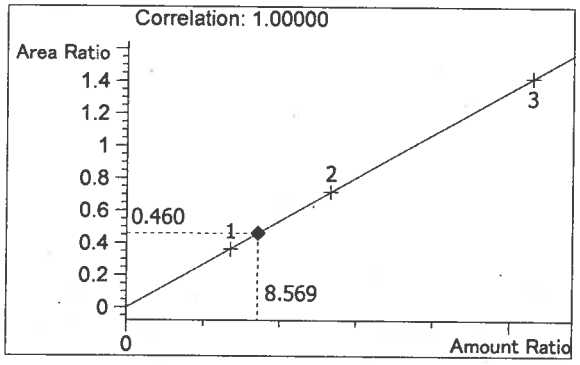
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 4:28:40 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

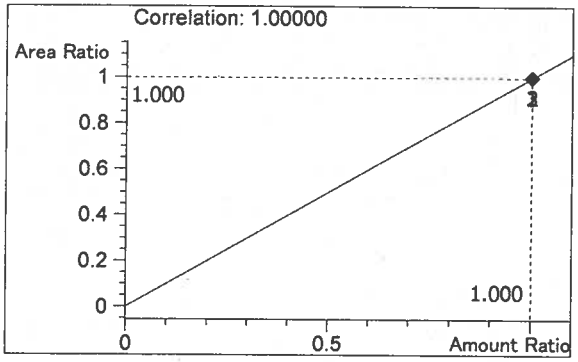
Sample Name: 14032-3
Operator: ~~Asa Louis~~ Katie Knorr KK 7/29/14
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	1126	1.052
2	n-Propanol	2447	1.729



Ethanol 0.103 g/100mL



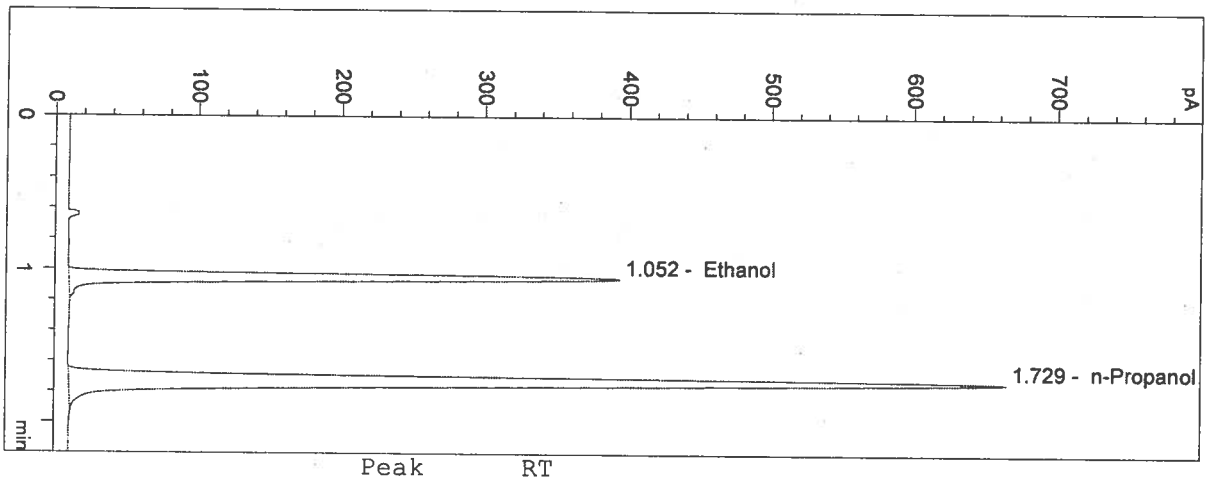
n-Propanol 0.012 g/100mL

Data File: C:\CHEM32\1\DATA\140728KK\019F1901.D

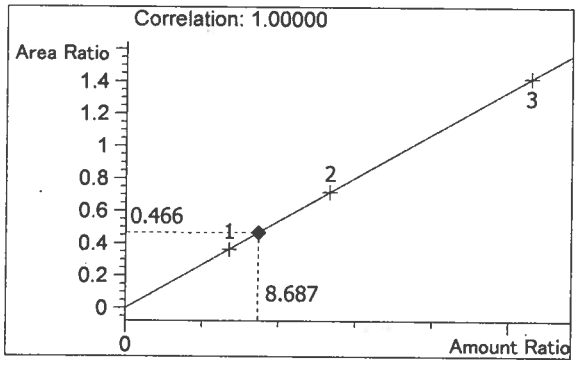
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 4:31:55 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

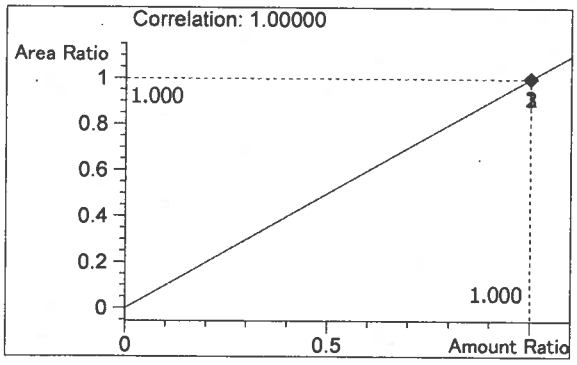
Sample Name: 14032-4
Operator: ~~Asa Louis~~ Katie Knorr KK 7/29/14
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	1216	1.052
2	n-Propanol	2607	1.729



Ethanol 0.104 g/100mL

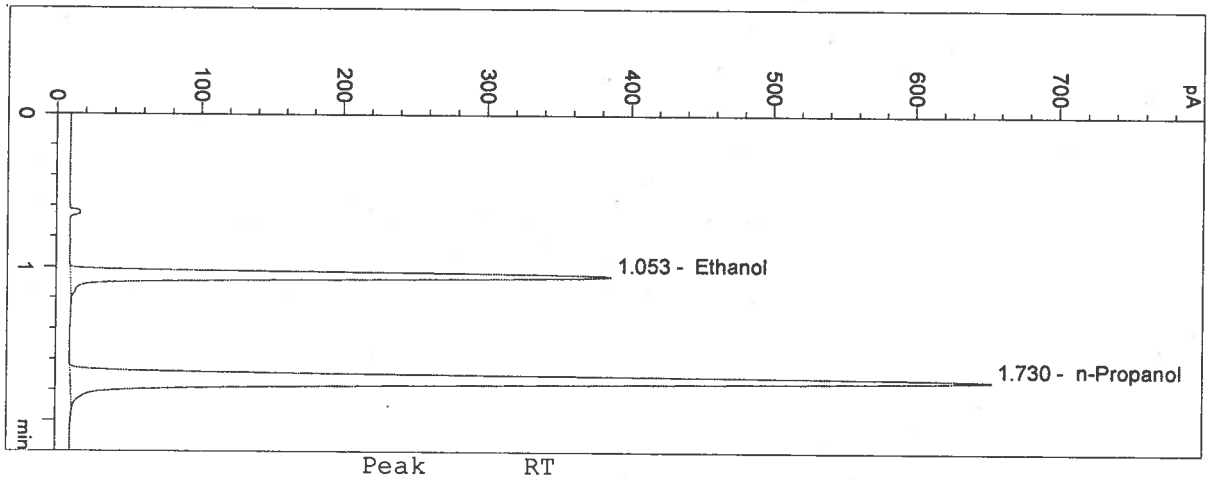


n-Propanol 0.012 g/100mL

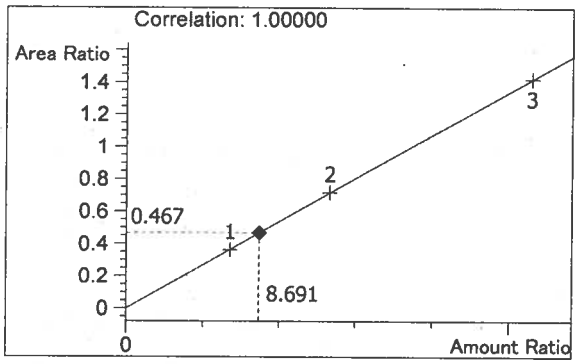
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 4:35:10 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

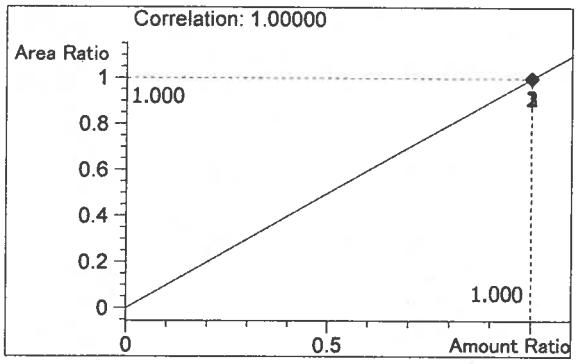
Sample Name: 14032-5
Operator: ~~Aoa Louis~~ Katie Knorr
Location: Vial 21
KK 7/29/14



#	Compound	Peak Area	RT (min)
1	Ethanol	1194	1.053
2	n-Propanol	2559	1.730



Ethanol 0.104 g/100mL

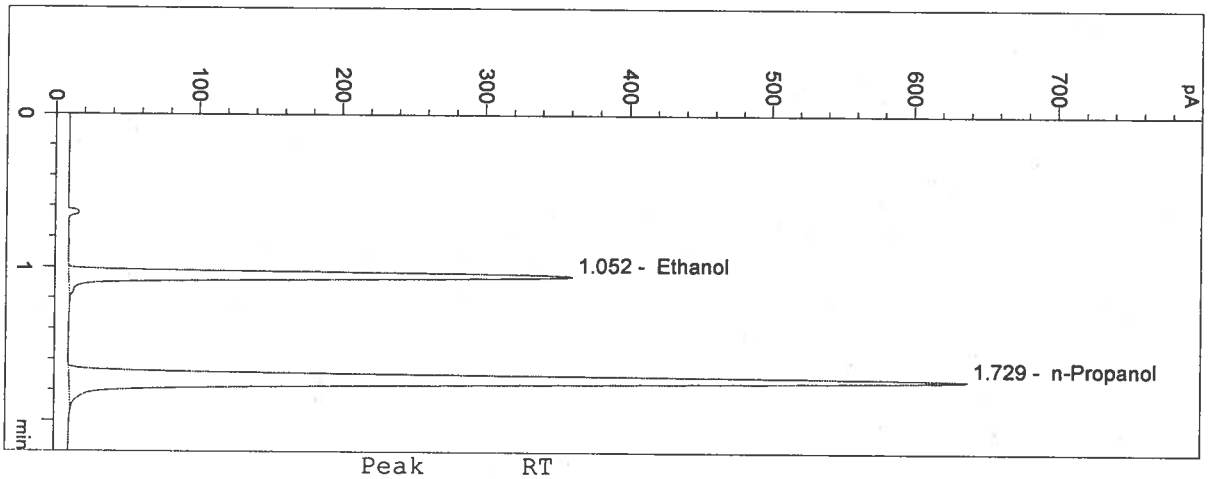


n-Propanol 0.012 g/100mL

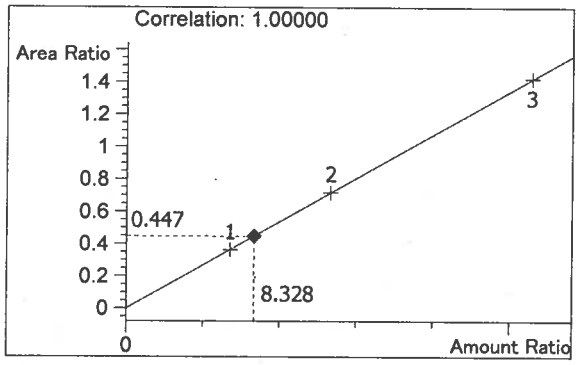
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 4:38:21 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: CTRL 2 (0.10)
Operator: ~~Asa Louis~~ Katie Knorr KK 7/29/14
Location: Vial 22

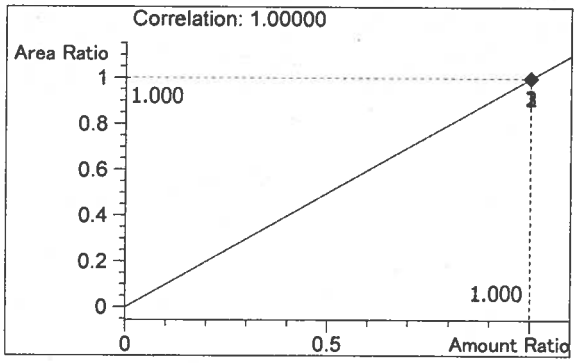


#	Compound	Peak Area	RT (min)
1	Ethanol	1116	1.052
2	n-Propanol	2497	1.729



Ethanol 0.100 g/100mL

14032

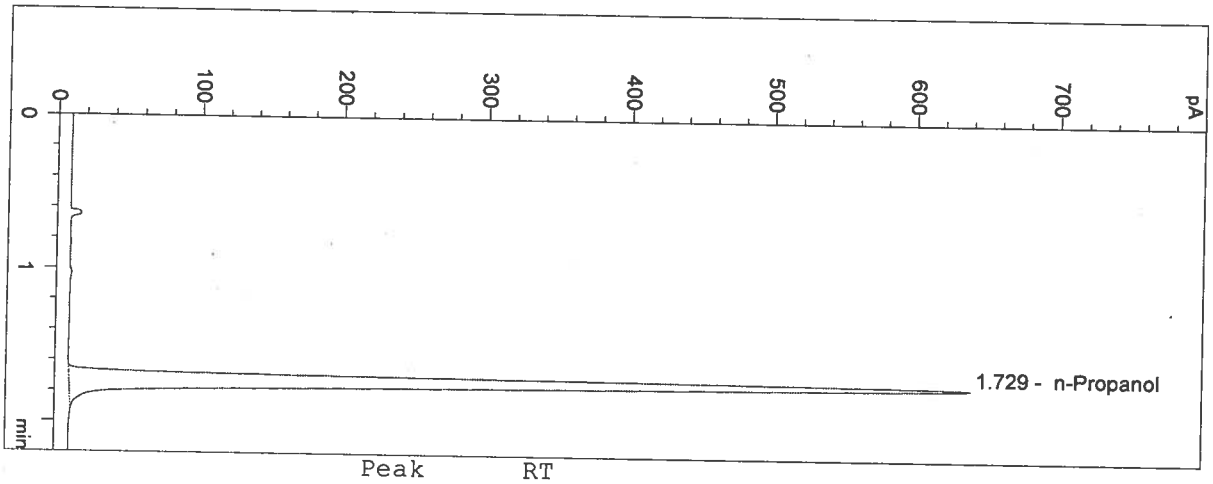


n-Propanol 0.012 g/100mL

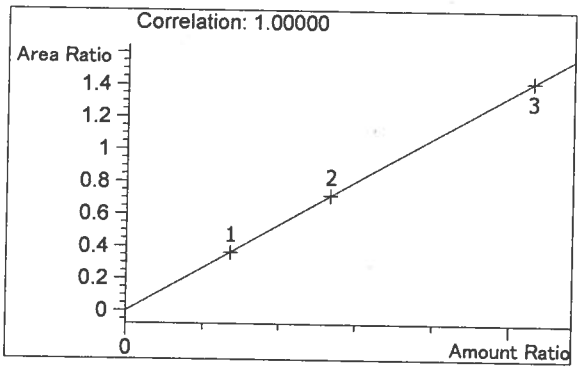
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 4:41:35 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: NEG CTRL
Operator: ~~Asa Louis~~ Katie Knorr KK 7/29/14
Location: Vial 23

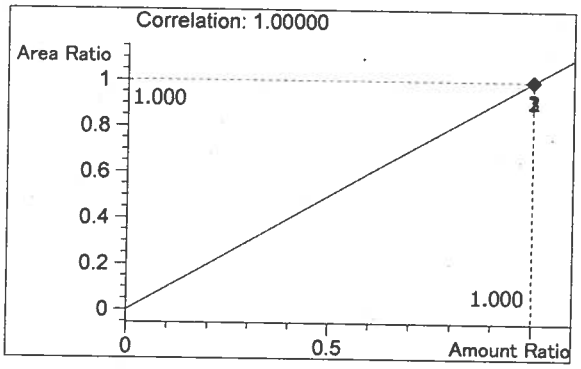


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2501	1.729



Ethanol 0.000 g/100mL

14032



n-Propanol 0.012 g/100mL

Data File: C:\CHEM32\1\DATA\140728KK\023F2301.D

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 : 140728al

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

14032

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	14032-1	SIMALC1	1	Sample	
11	Vial 11	14032-2	SIMALC1	1	Sample	
12	Vial 12	14032-3	SIMALC1	1	Sample	
13	Vial 13	14032-4	SIMALC1	1	Sample	
14	Vial 14	14032-5	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):

14032

No entries - empty table!

Batch 140728al

AL

Calibration Table

General Calibration Setting

Calib. Data Modified : Monday, July 28, 2014 2:36:26 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

14032

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	878.07721	9.25203e-5	No	No 1	Ethanol
		2	1.59860e-1	1752.64148	9.12109e-5			
		3	3.17330e-1	3440.28516	9.22394e-5			
1.729	1	1	1.20000e-2	2347.68628	5.11142e-6	No	Yes 1	n-Propanol

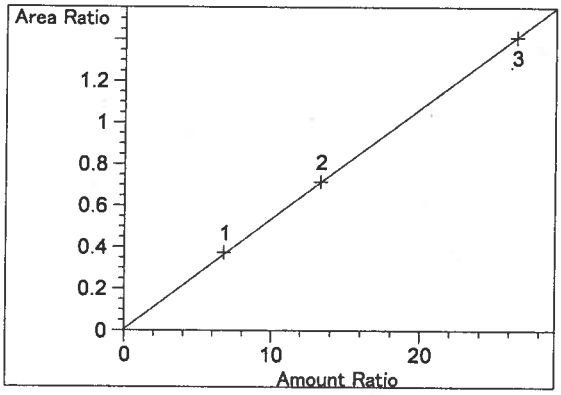
Batch 14072Pd

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	2447.57104	4.90282e-6			
		3	1.20000e-2	2437.43286	4.92321e-6			

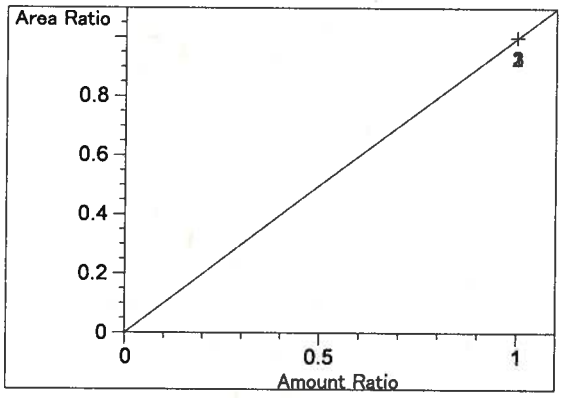
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.053
FID1 A,
Correlation: 0.99995
Residual Std. Dev.: 0.00708
Formula: y = mx + b
m: 5.32349e-2
b: 6.05037e-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

14032

RT for ISTD updated with cal 1 RT instead of cal 3. All responses were updated correctly, all values are correct. All retention times in the batch are within +/- 2% of cal 3 per the protocol. SL 8/14/14

QB 8-14-14

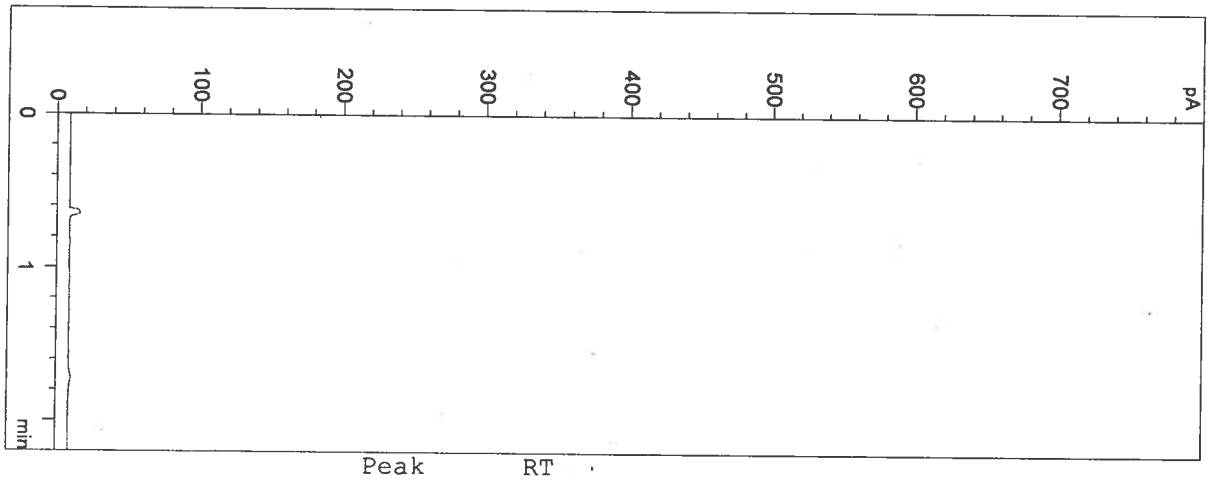
Batch 140728cl

AL

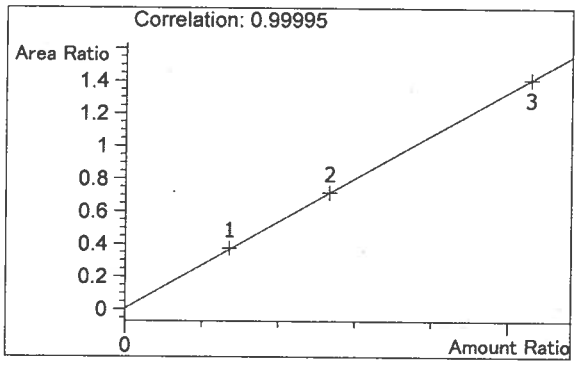
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 1:58:27 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: blank
Operator: Asa Louis
Location: Vial 1

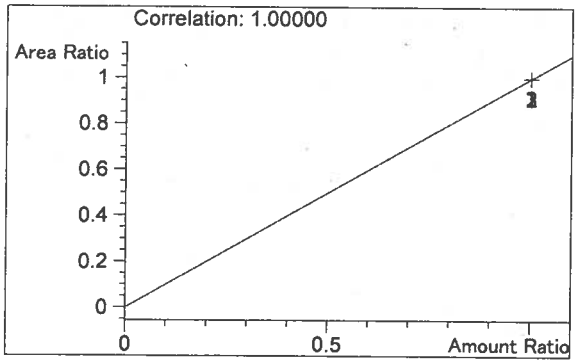


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14032

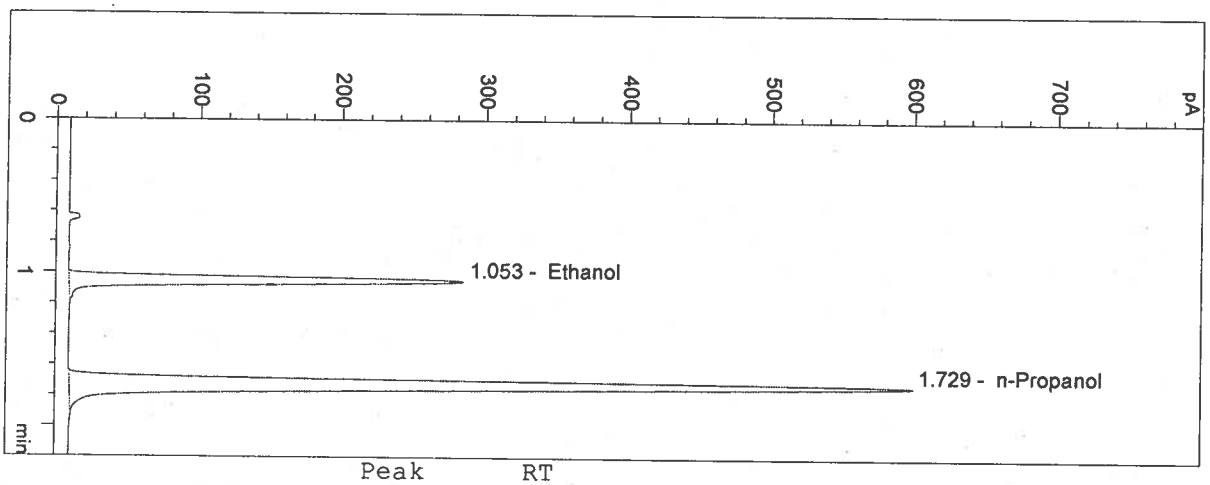


n-Propanol 0.000 g/100mL

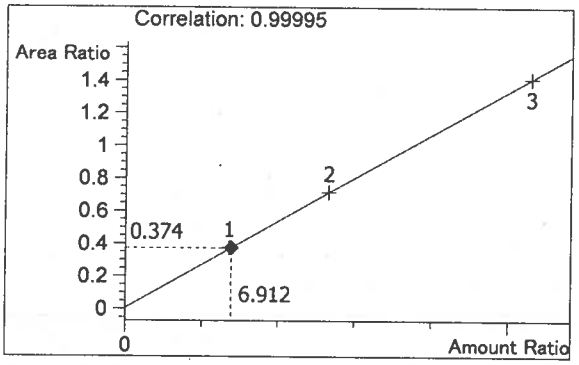
a

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

Inj. Date: 7/28/2014 2:01:46 PM Sample Name: cal 1 (0.079)
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 2
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

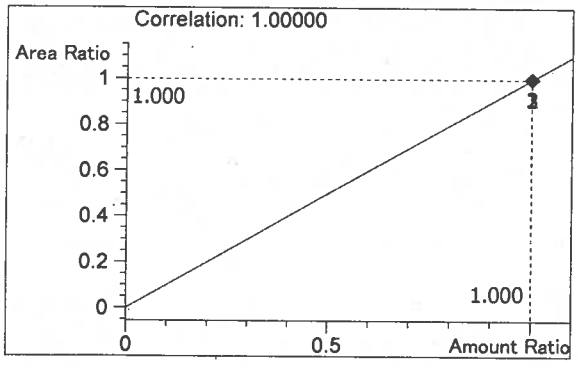


#	Compound	Peak Area	RT (min)
1	Ethanol	878	1.053
2	n-Propanol	2348	1.729



Ethanol 0.083 g/100mL

14032



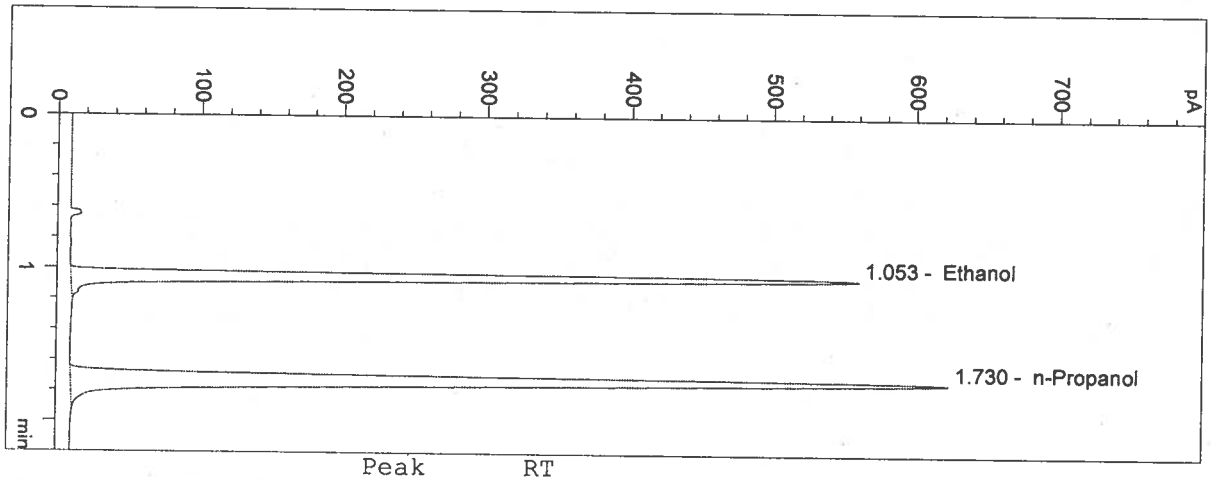
n-Propanol 0.012 g/100mL

Data File: C:\CHEM32\1\DATA\140728AL\002F0201.D

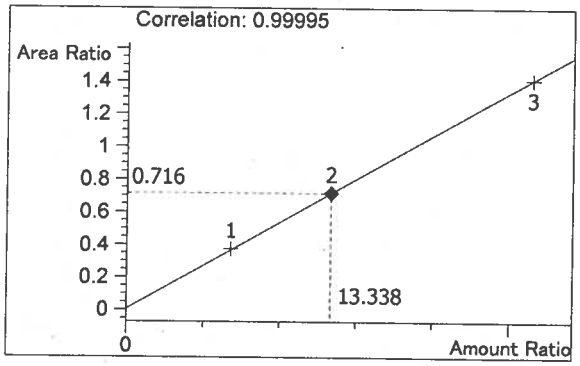
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 2:05:02 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: cal 2 (0.158)
Operator: Asa Louis
Location: Vial 3

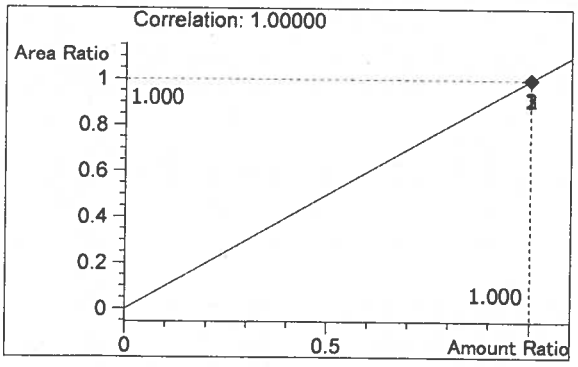


#	Compound	Peak Area	RT (min)
1	Ethanol	1753	1.053
2	n-Propanol	2448	1.730



Ethanol 0.160 g/100mL

14032

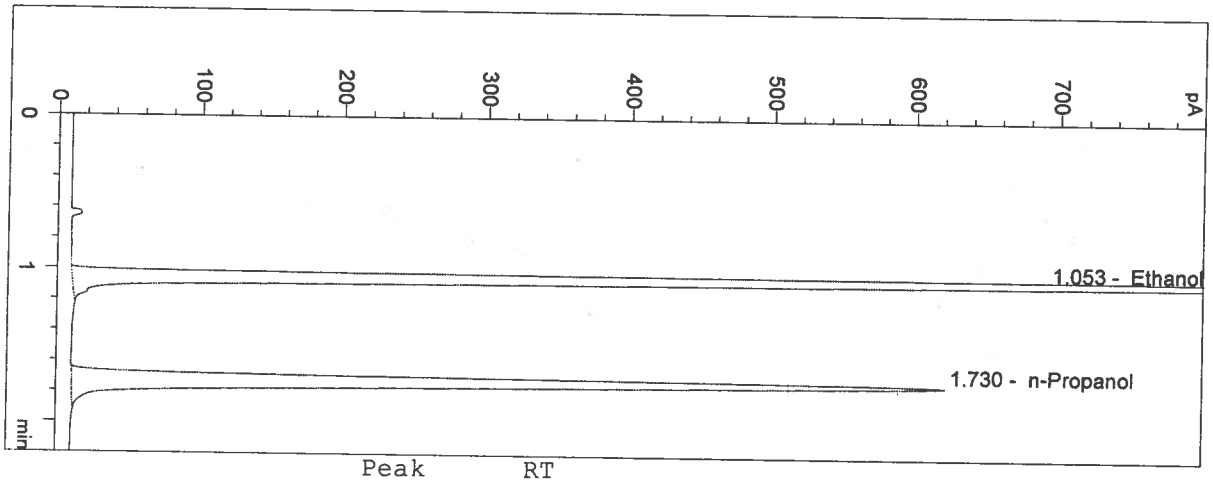


n-Propanol 0.012 g/100mL

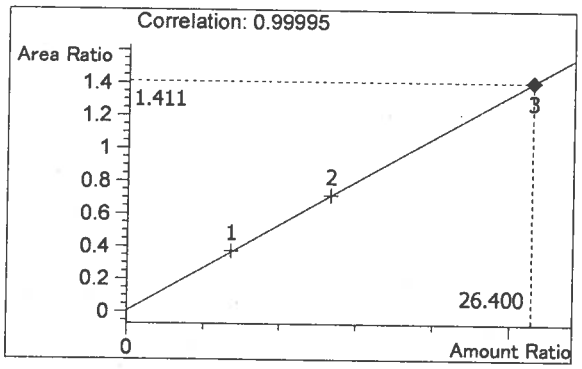
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 2:08:21 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: cal 3 (0.316)
Operator: Asa Louis
Location: Vial 4

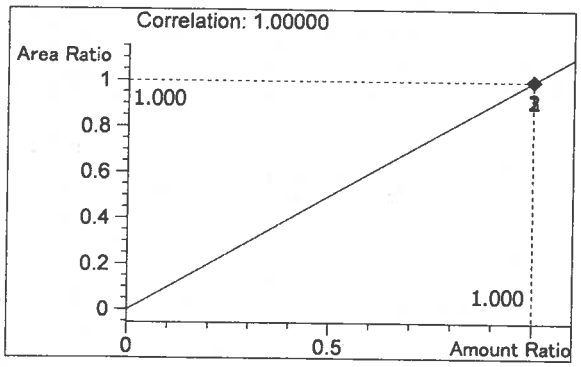


#	Compound	Peak Area	RT (min)
1	Ethanol	3440	1.053
2	n-Propanol	2437	1.730



Ethanol 0.317 g/100mL

14032

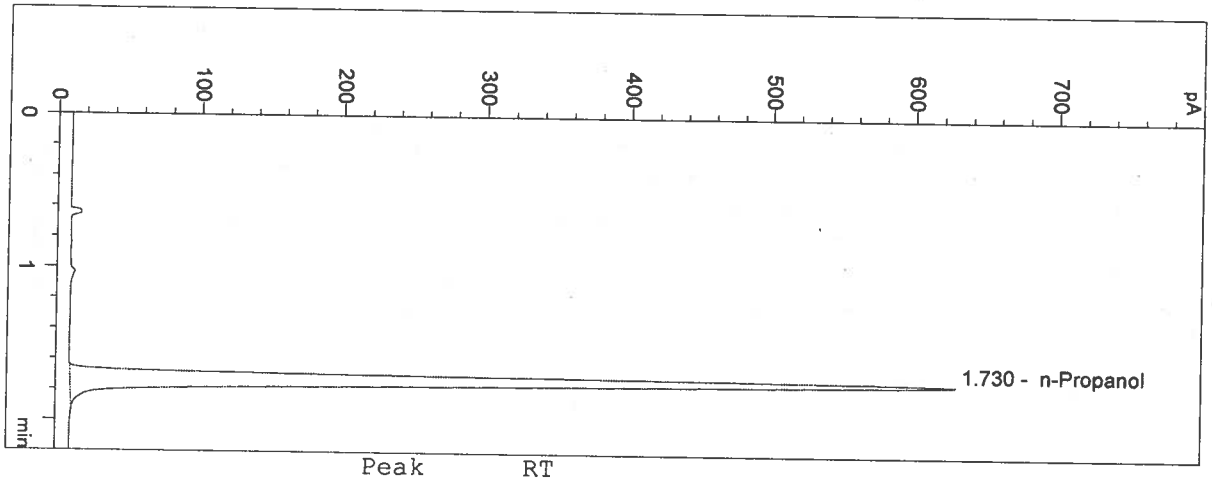


n-Propanol 0.012 g/100mL

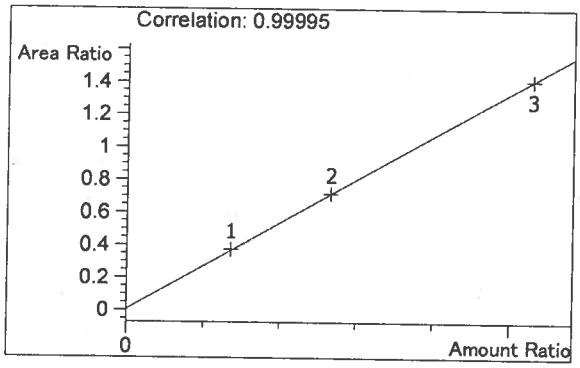
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 2:11:34 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: neg ctrl
Operator: Asa Louis
Location: Vial 5

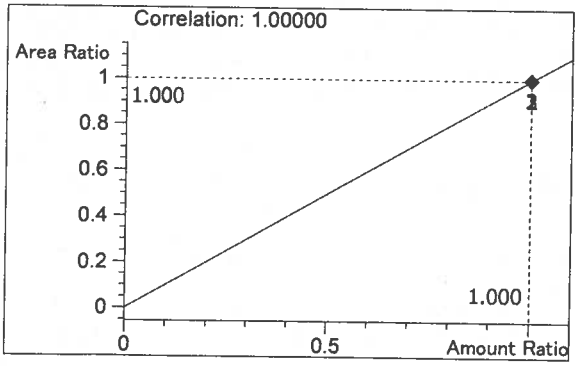


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2473	1.730



Ethanol 0.000 g/100mL

14032



n-Propanol 0.012 g/100mL

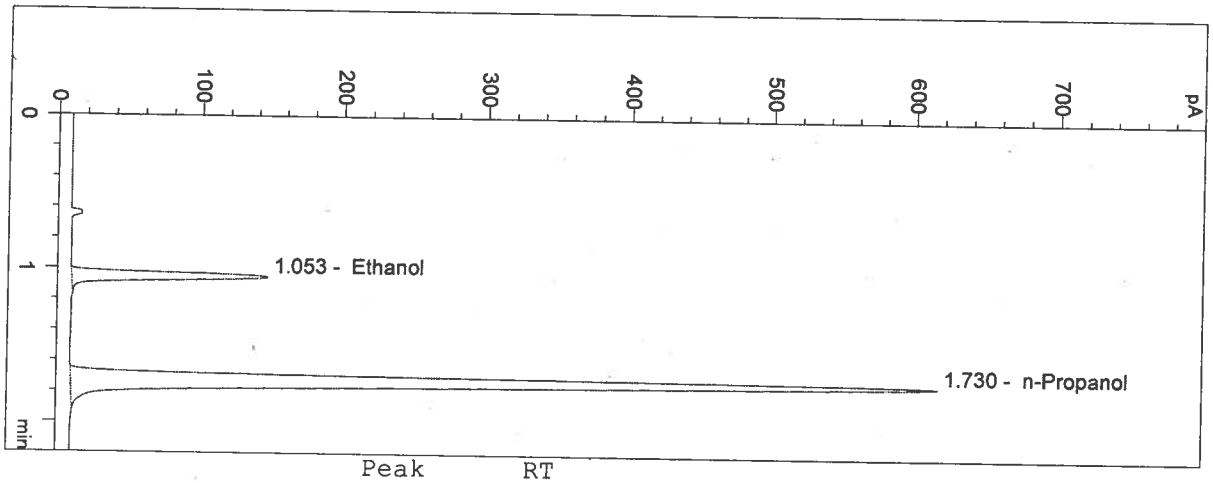
AL

Data File: C:\CHEM32\1\DATA\140728AL\005F0501.D

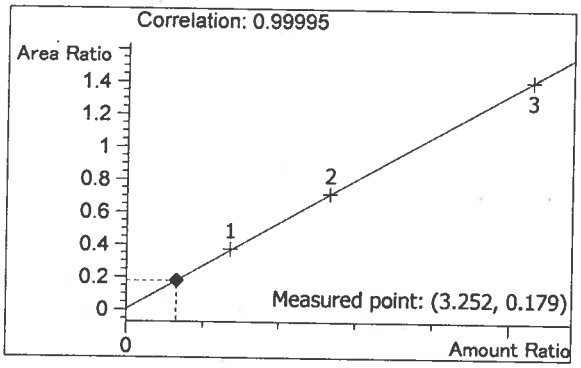
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 2:14:46 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: ctrl 1 (0.04)
Operator: Asa Louis
Location: Vial 6

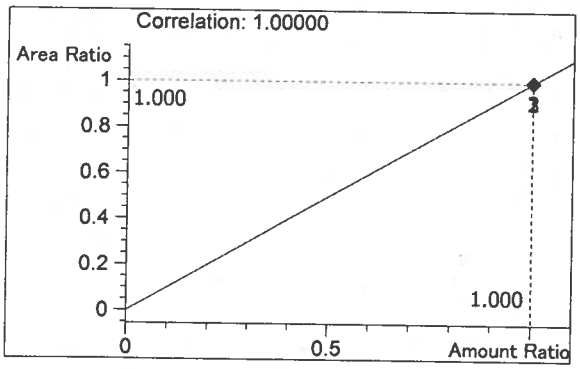


#	Compound	Peak Area	RT (min)
1	Ethanol	435	1.053
2	n-Propanol	2428	1.730



Ethanol 0.039 g/100mL

14032



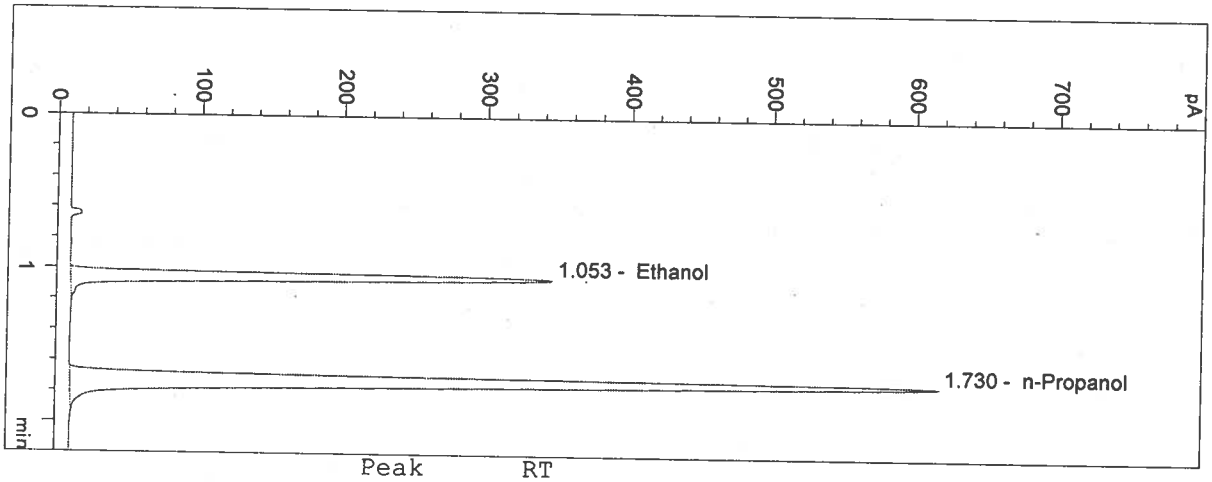
n-Propanol 0.012 g/100mL

Data File: C:\CHEM32\1\DATA\140728AL\006F0601.D

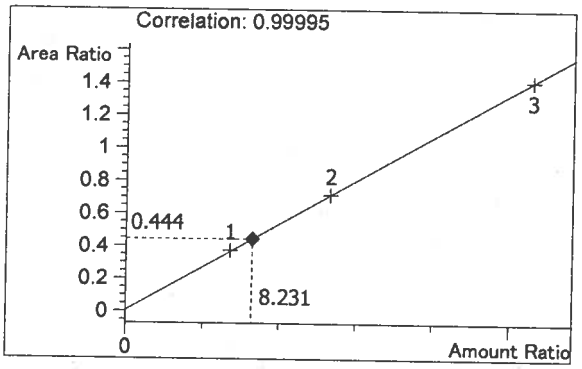
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 2:18:00 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: ctrl 2 (0.10)
Operator: Asa Louis
Location: Vial 7

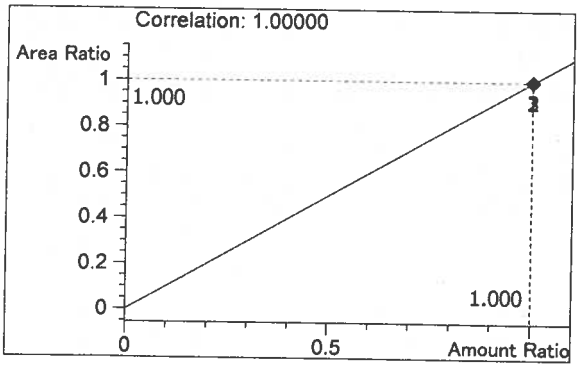


#	Compound	Peak Area	RT (min)
1	Ethanol	1082	1.053
2	n-Propanol	2437	1.730



Ethanol 0.099 g/100mL

14032



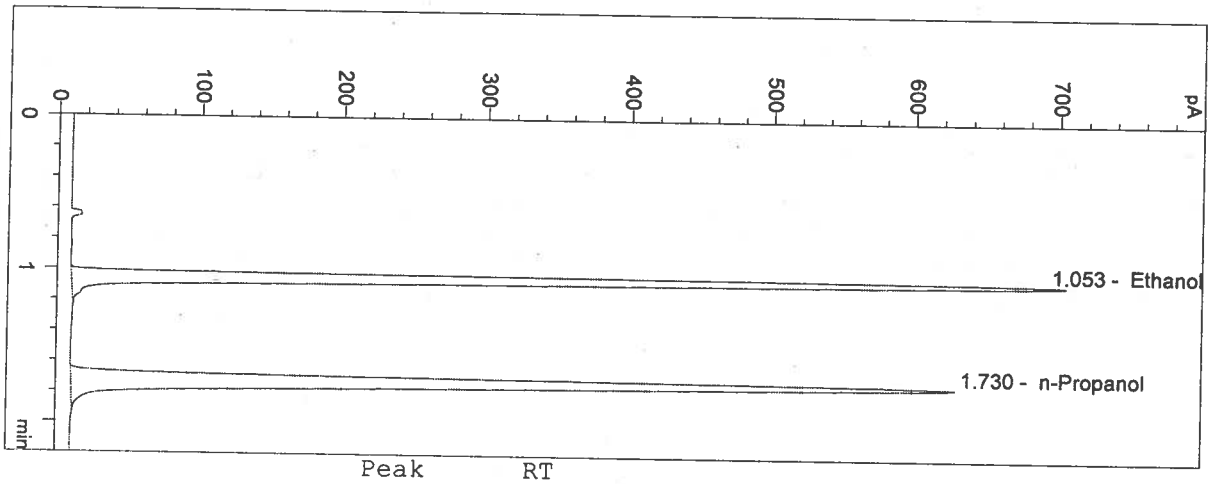
n-Propanol 0.012 g/100mL

Data File: C:\CHEM32\1\DATA\140728AL\007F0701.D

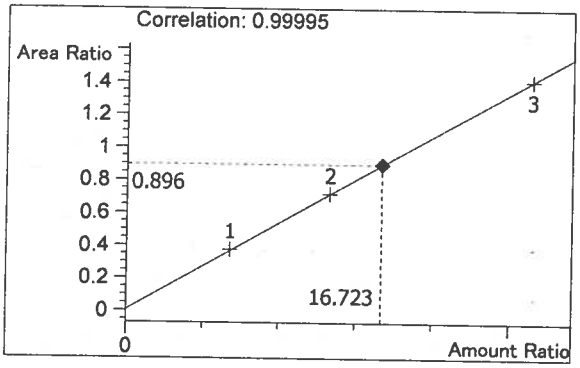
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 2:21:13 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: ctrl 3 (0.20)
Operator: Asa Louis
Location: Vial 8

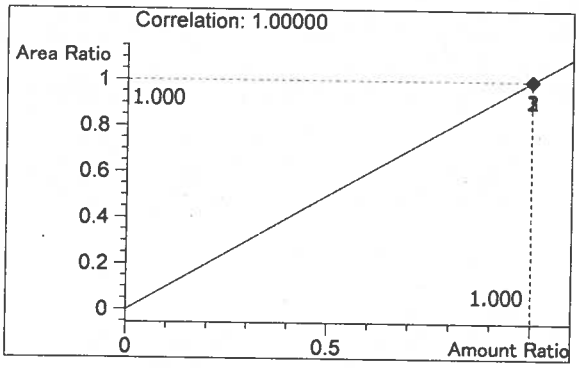


#	Compound	Peak Area	RT (min)
1	Ethanol	2215	1.053
2	n-Propanol	2471	1.730



Ethanol 0.201 g/100mL

14032



n-Propanol 0.012 g/100mL

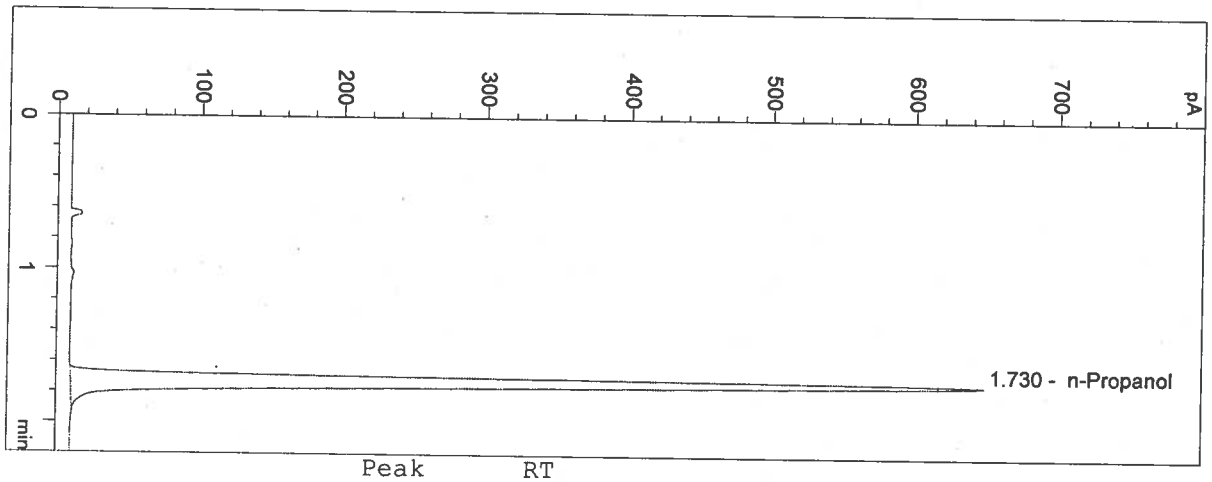
AL

Data File: C:\CHEM32\1\DATA\140728AL\008F0801.D

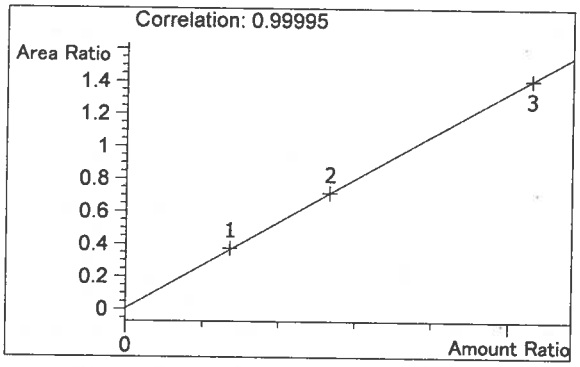
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/28/2014 2:24:28 PM
Instrument: HSGC 1
Column: DB-ALC1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: neg ctrl
Operator: Asa Louis
Location: Vial 9

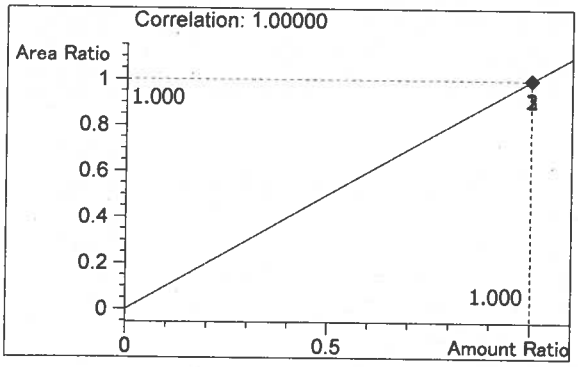


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2543	1.730



Ethanol 0.000 g/100mL

14032



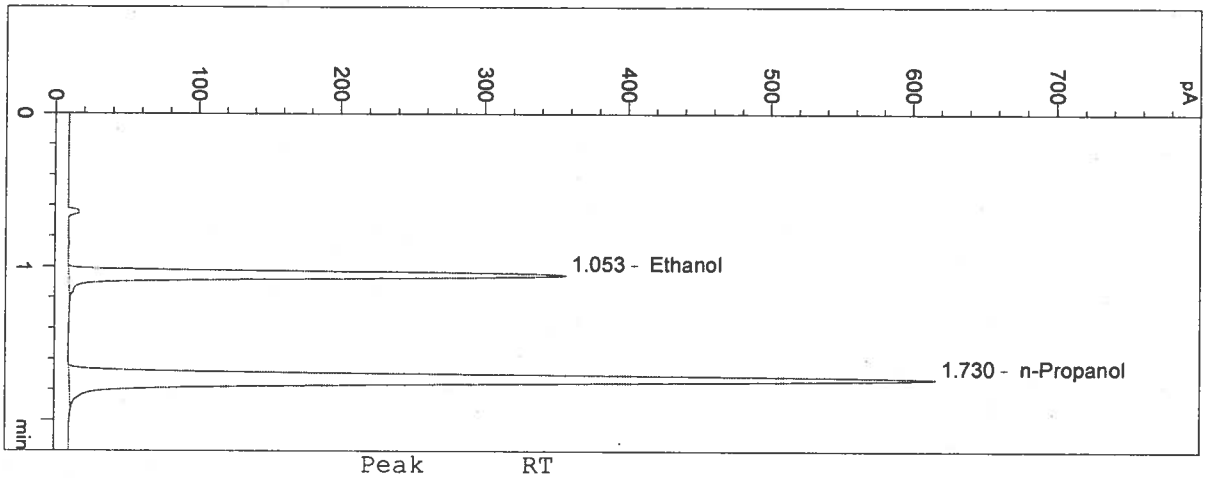
n-Propanol 0.012 g/100mL

AL

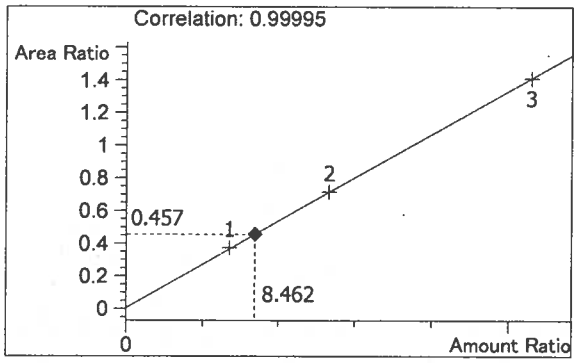
Data File: C:\CHEM32\1\DATA\140728AL\009F0901.D

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

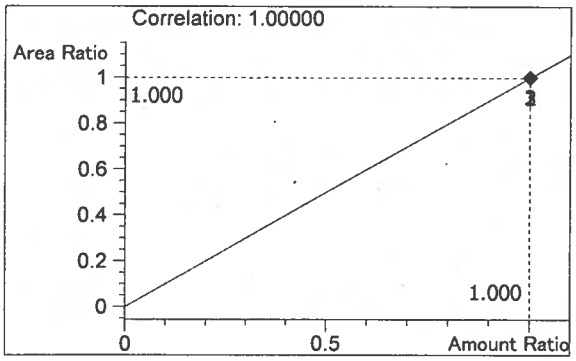
Inj. Date: 7/28/2014 2:27:41 PM Sample Name: 14032-1
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 10
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.053
2	n-Propanol	2422	1.730



Ethanol 0.102 g/100mL

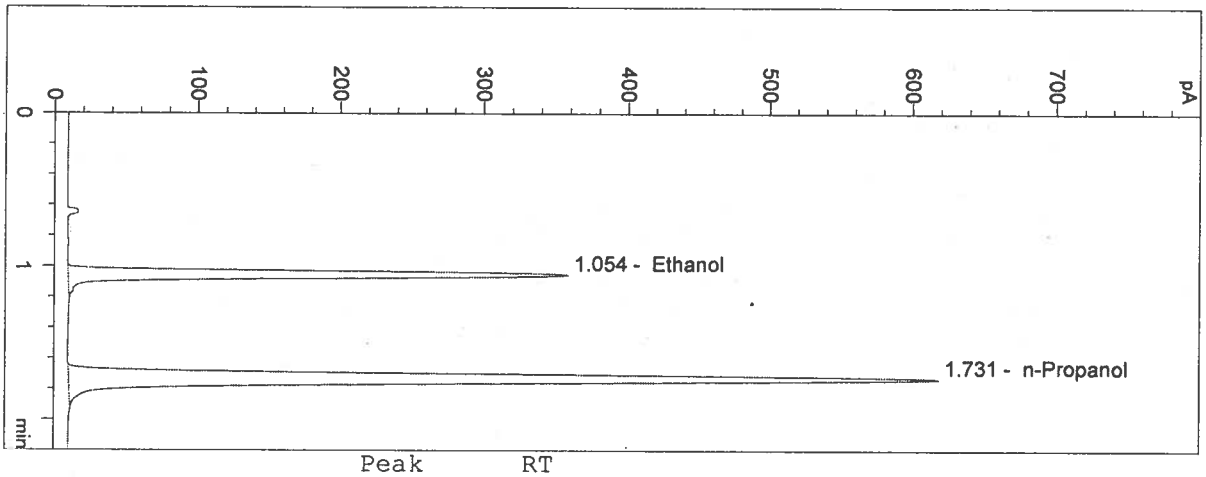


n-Propanol 0.012 g/100mL

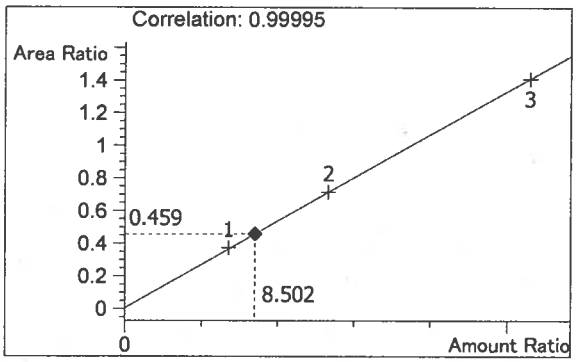
Data File: C:\CHEM32\1\DATA\140728AL\010F1001.D

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

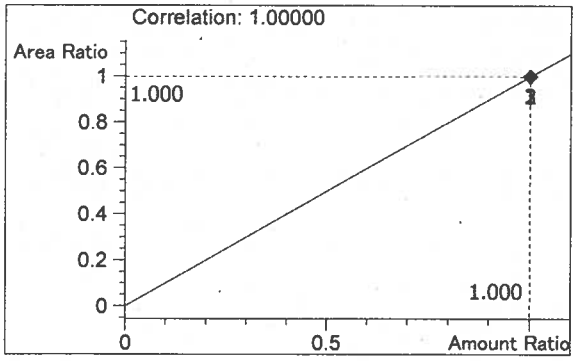
Inj. Date: 7/28/2014 2:30:54 PM Sample Name: 14032-2
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 11
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.054
2	n-Propanol	2424	1.731



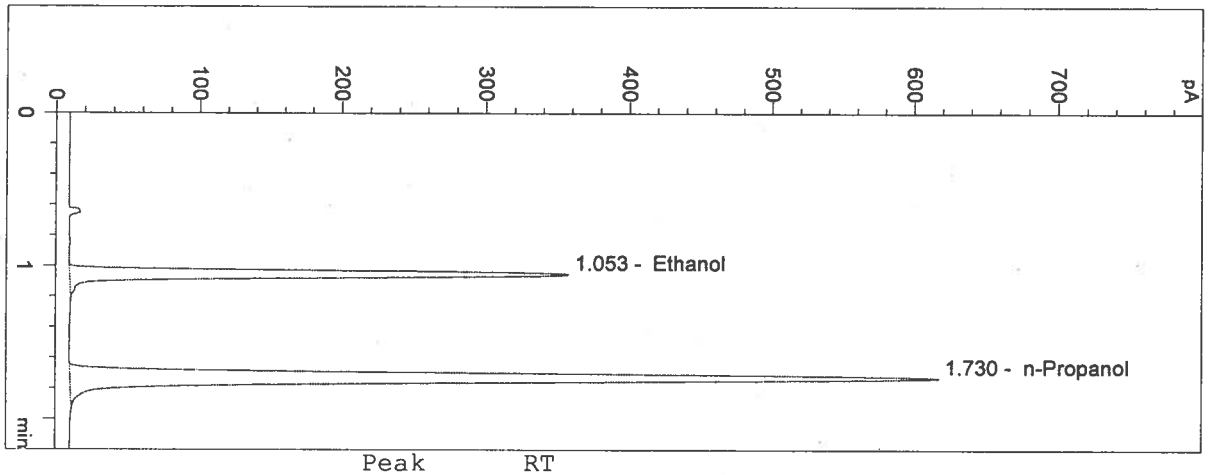
Ethanol 0.102 g/100mL



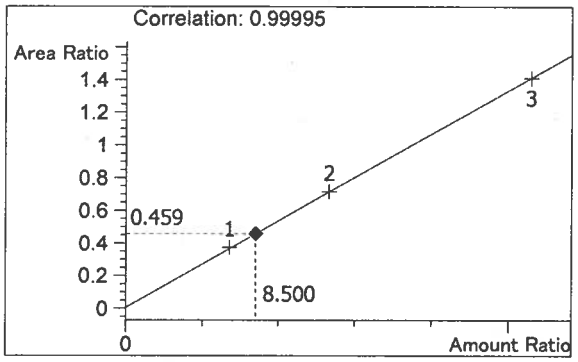
n-Propanol 0.012 g/100mL

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

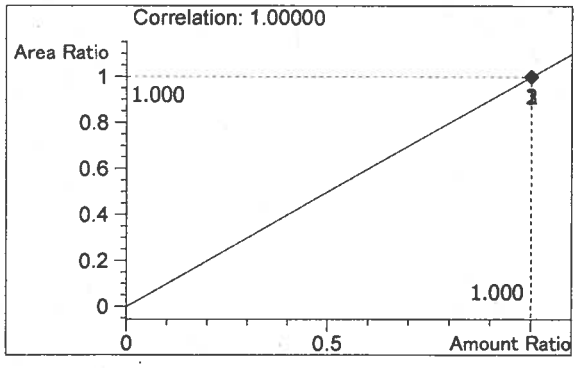
Inj. Date: 7/28/2014 2:34:09 PM Sample Name: 14032-3
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 12
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.053
2	n-Propanol	2426	1.730



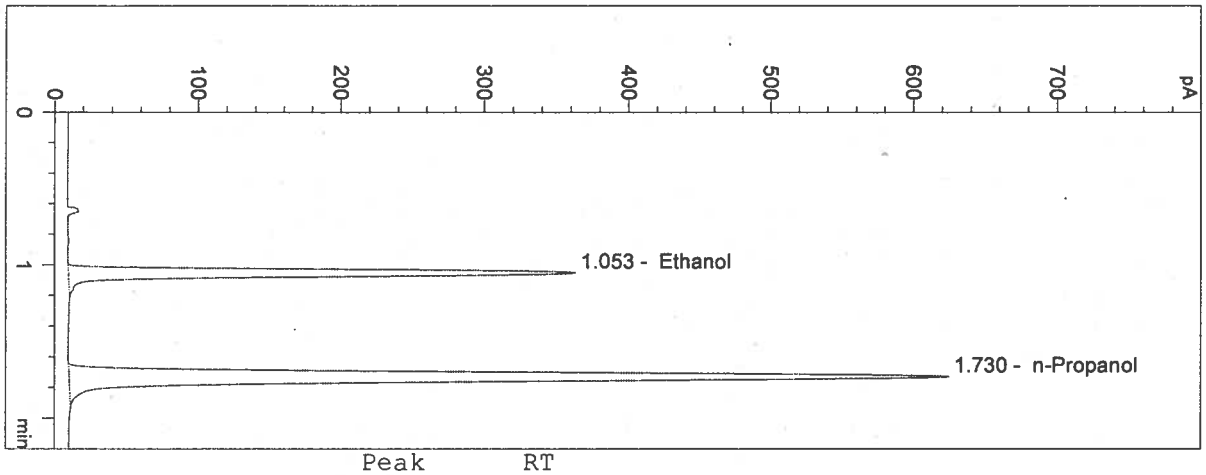
Ethanol 0.102 g/100mL



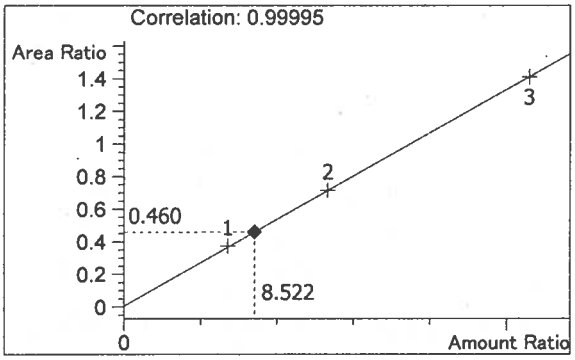
n-Propanol 0.012 g/100mL

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

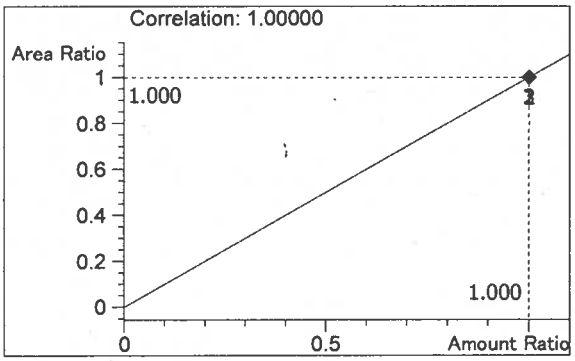
Inj. Date: 7/28/2014 2:37:20 PM Sample Name: 14032-4
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 13
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1126	1.053
2	n-Propanol	2450	1.730



Ethanol 0.102 g/100mL

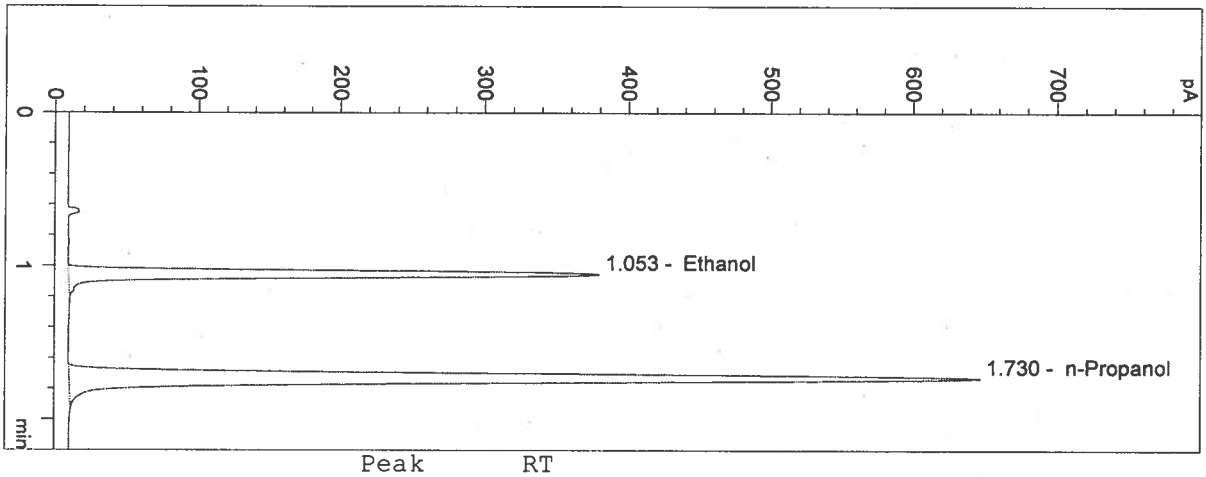


n-Propanol 0.012 g/100mL

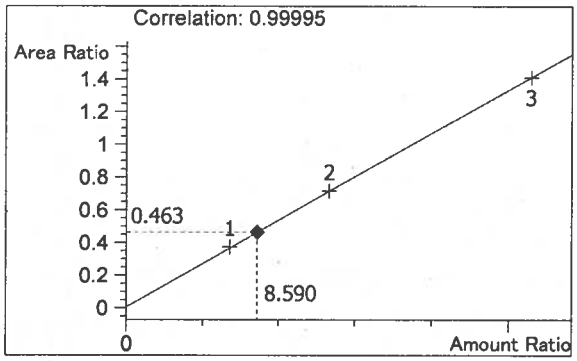
AC

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

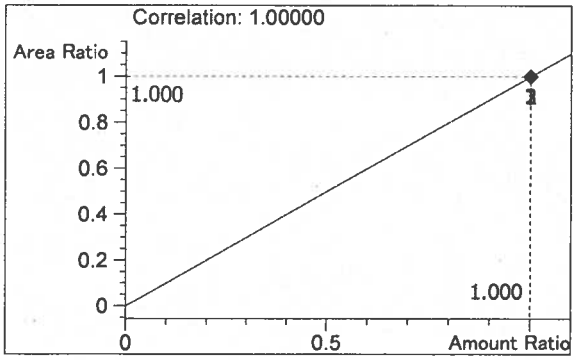
Inj. Date: 7/28/2014 2:40:35 PM Sample Name: 14032-5
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 14
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1177	1.053
2	n-Propanol	2540	1.730



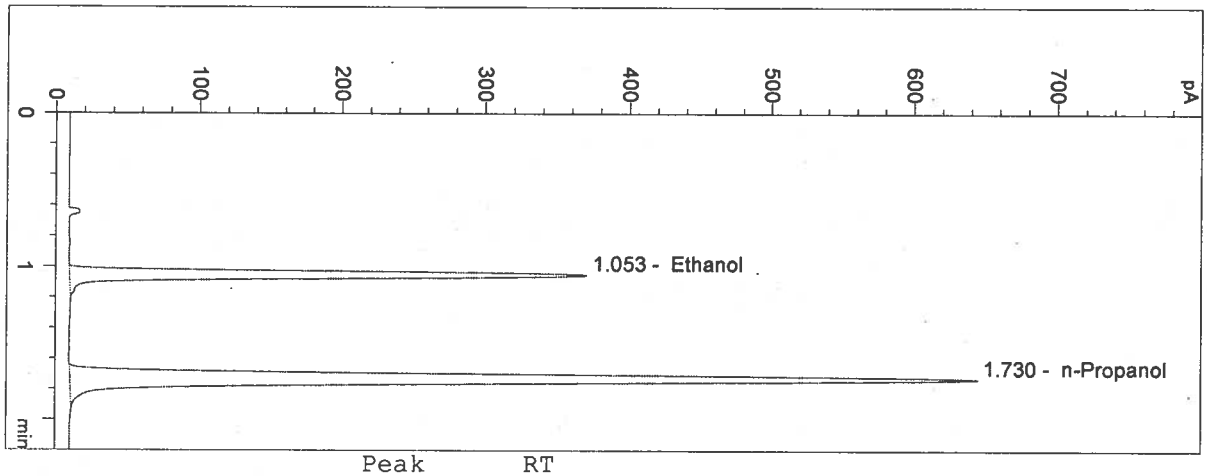
Ethanol 0.103 g/100mL



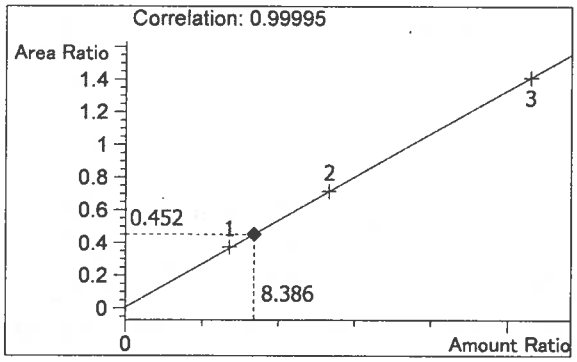
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/28/2014 2:43:49 PM Sample Name: ctrl 2 (0.10)
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 15
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

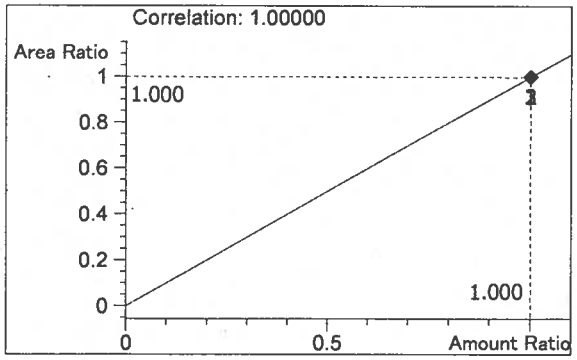


#	Compound	Peak Area	RT (min)
1	Ethanol	1143	1.053
2	n-Propanol	2526	1.730



Ethanol 0.101 g/100mL

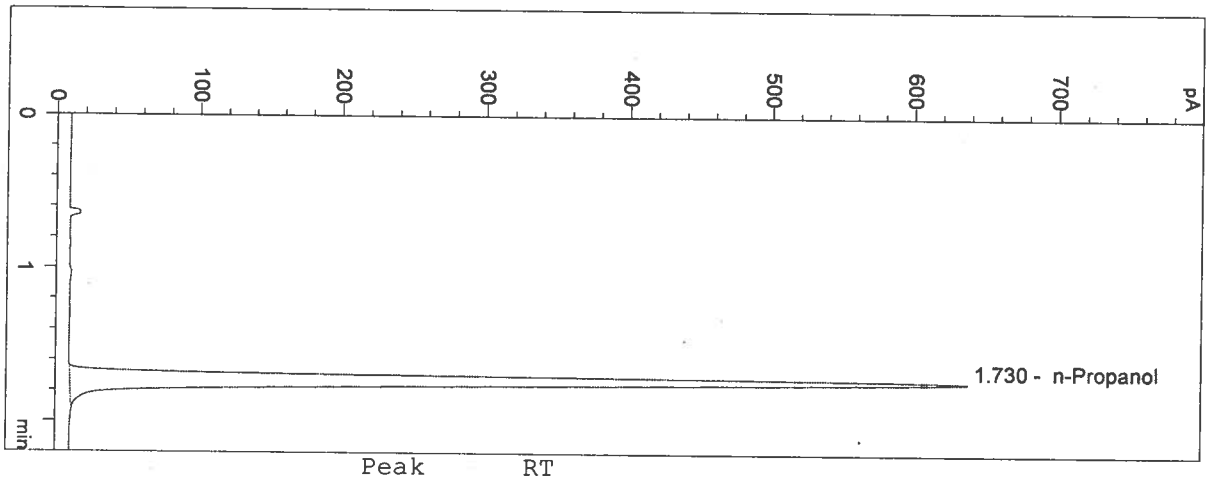
14032



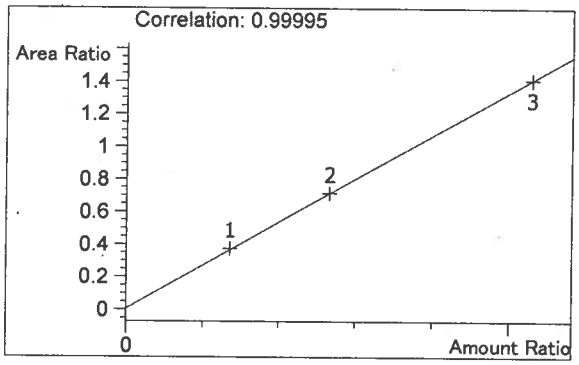
n-Propanol 0.012 g/100mL

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

Inj. Date: 7/28/2014 2:47:02 PM Sample Name: neg ctrl
Instrument: HSGC 1 Operator: Asa Louis
Column: DB-ALC1 Location: Vial 16
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

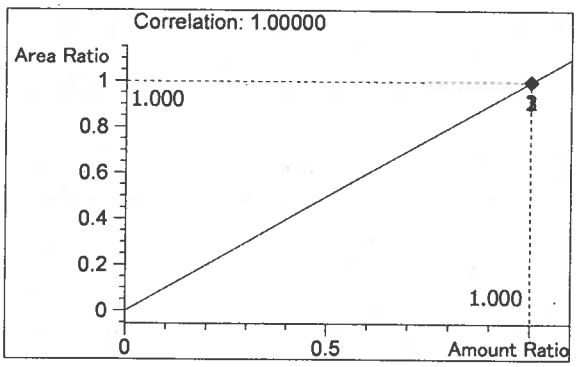


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2507	1.730



Ethanol 0.000 g/100mL

14032



n-Propanol 0.012 g/100mL

AL

Data File: C:\CHEM32\1\DATA\140728AL\016F1601.D

Sequence Parameters:

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

Operator : Dawn Sklerov

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

Data Subdirectory : 140801DS

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

14031

14032

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	14031 #1	SIMALC1	1	Sample	

DS

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

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
11	Vial 11	14031 #2	SIMALC1	1	Sample	
12	Vial 12	14031 #3	SIMALC1	1	Sample	
13	Vial 13	14031 #4	SIMALC1	1	Sample	
14	Vial 14	14031 #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	14032 #1	SIMALC1	1	Sample	
18	Vial 18	14032 #2	SIMALC1	1	Sample	
19	Vial 19	14032 #3	SIMALC1	1	Sample	
20	Vial 20	14032 #4	SIMALC1	1	Sample	
21	Vial 21	14032 #5	SIMALC1	1	Sample	
22	Vial 22	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
23	Vial 23	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!

14031

14032

DS

Calibration Table

General Calibration Setting

Calib. Data Modified : Friday, August 01, 2014 4:33:53 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

14031

14032

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	862.77271	9.41615e-5	No	No	1	Ethanol
		2	1.59860e-1	1813.17908	8.81656e-5				
		3	3.17330e-1	3421.81641	9.27373e-5				
1.730	1	1	1.20000e-2	2417.82300	4.96314e-6	No	Yes	1	n-Propanol

DS

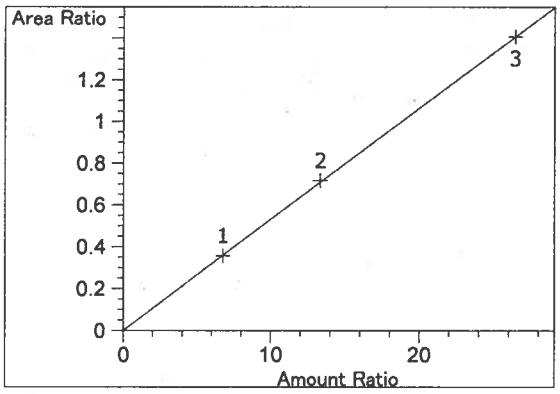
Method C:\CHEM32\1\METHODS\BLDALCO1.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	2531.99878	4.73934e-6			
		3	1.20000e-2	2432.43970	4.93332e-6			

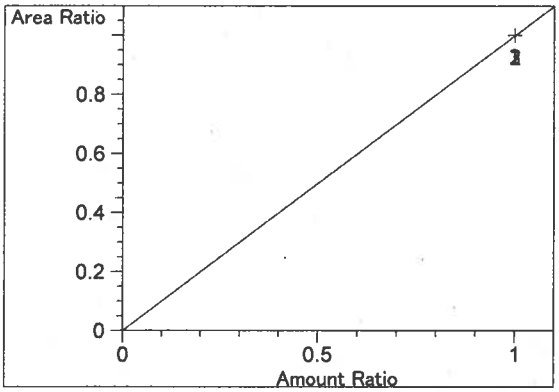
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.053
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00547
Formula: y = mx + b
m: 5.32718e-2
b: 1.60113e-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

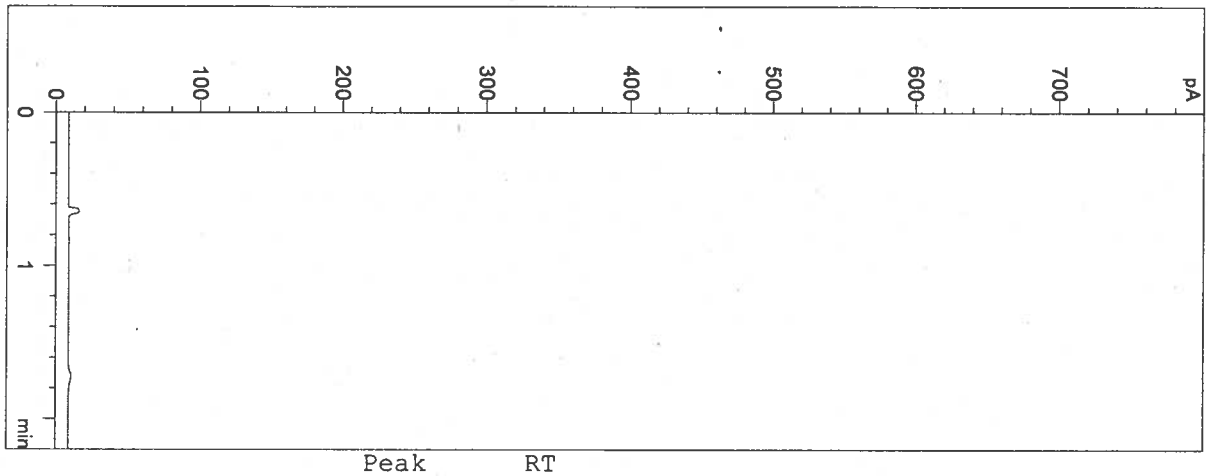
14031

14032

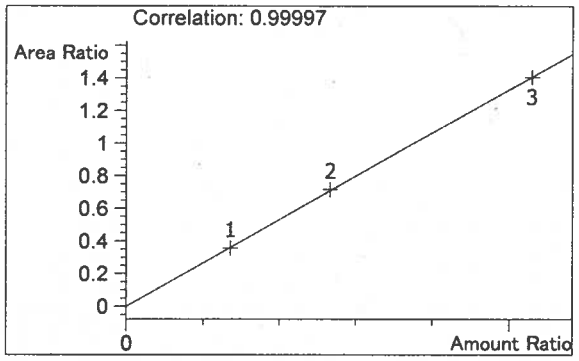
DS

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

Inj. Date: 8/1/2014 3:39:34 PM Sample Name: BLANK
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 1
Method: C:\CHEM32\1\METHODS\BLDALCO1.M
Sample Info:



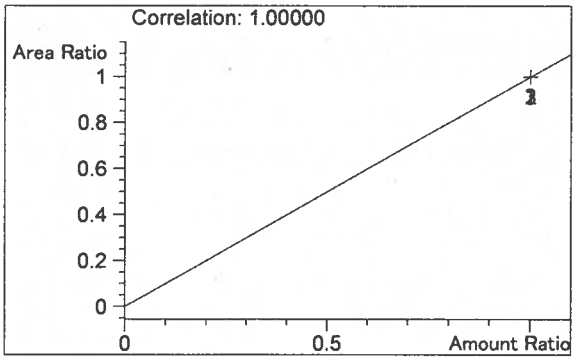
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14031

14032

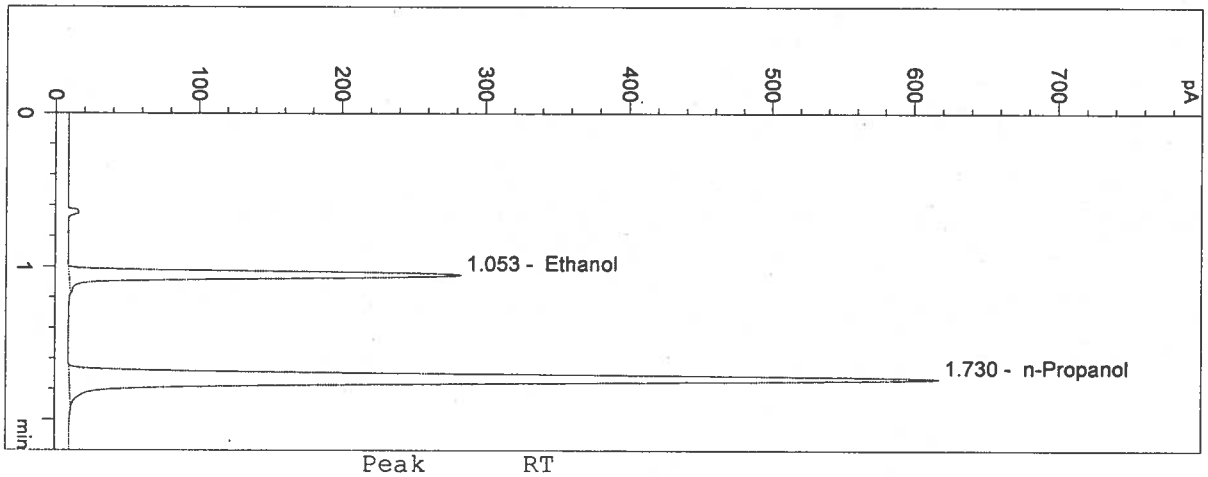


n-Propanol 0.000 g/100mL

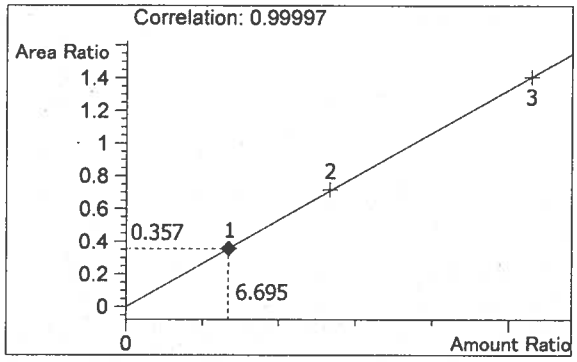
DS

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

Inj. Date: 8/1/2014 3:42:49 PM Sample Name: CAL 1 (0.079)
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 2
Method: C:\CHEM32\1\METHODS\BLDALCO1.M
Sample Info:



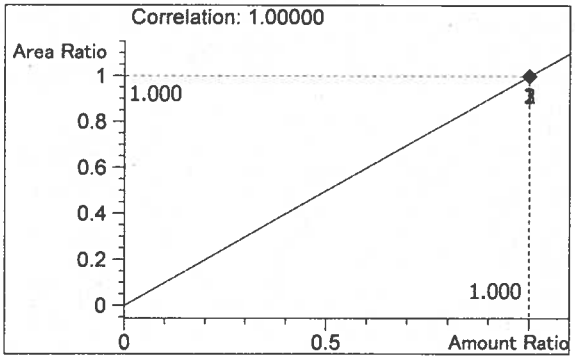
#	Compound	Peak Area	RT (min)
1	Ethanol	863	1.053
2	n-Propanol	2418	1.730



Ethanol 0.080 g/100mL

14031

14032

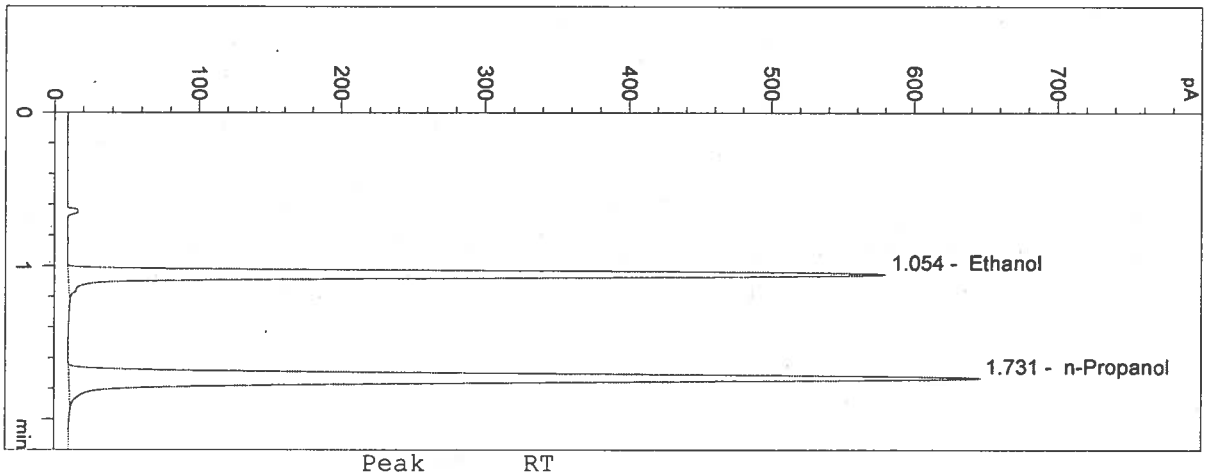


n-Propanol 0.012 g/100mL

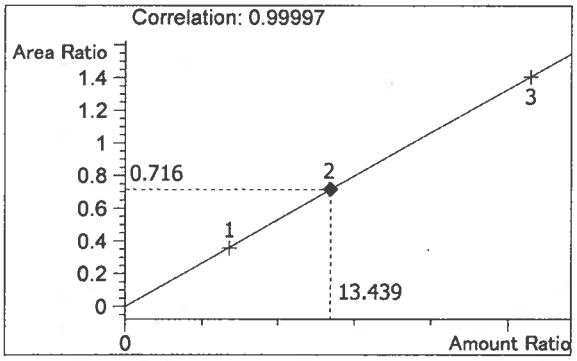
DS

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

Inj. Date: 8/1/2014 3:46:07 PM Sample Name: CAL 2 (0.158)
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 3
Method: C:\CHEM32\1\METHODS\BLDALCO1.M
Sample Info:



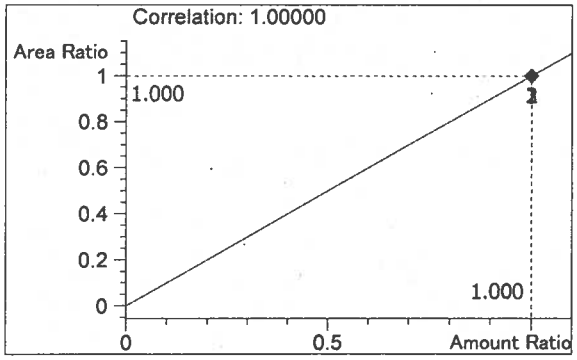
#	Compound	Peak Area	RT (min)
1	Ethanol	1813	1.054
2	n-Propanol	2532	1.731



Ethanol 0.161 g/100mL

14031

14032

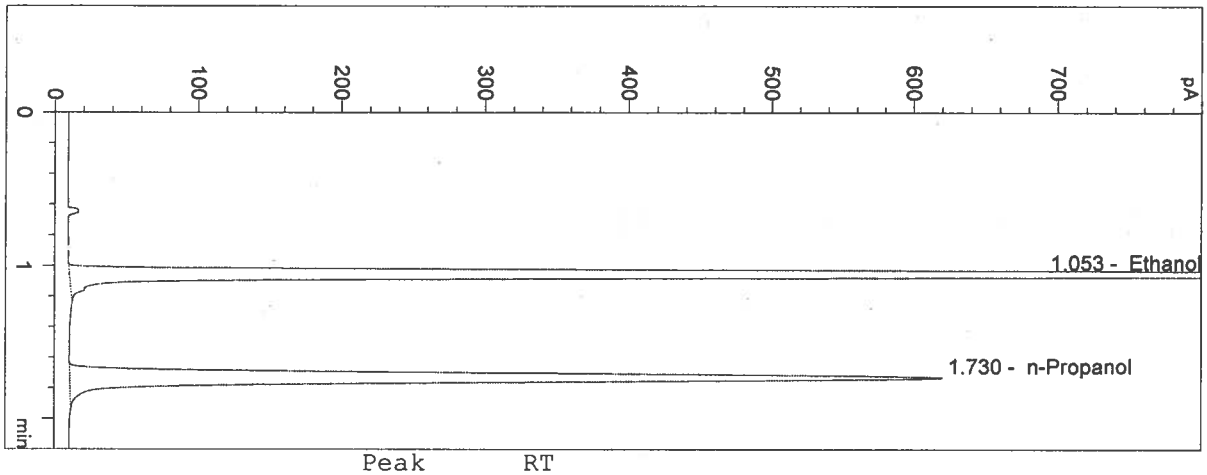


n-Propanol 0.012 g/100mL

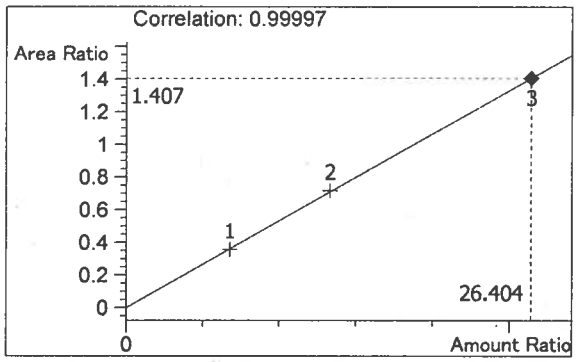
DS

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

Inj. Date: 8/1/2014 3:49:23 PM 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:



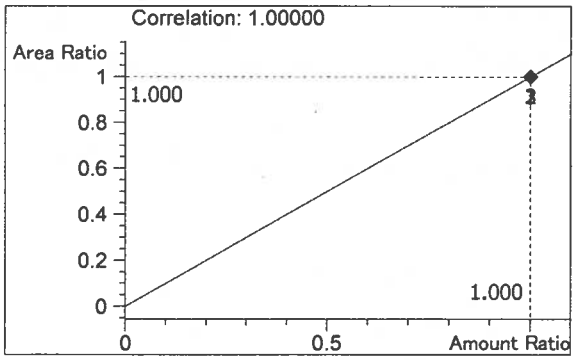
#	Compound	Peak Area	RT (min)
1	Ethanol	3422	1.053
2	n-Propanol	2432	1.730



Ethanol 0.317 g/100mL

14031

14032

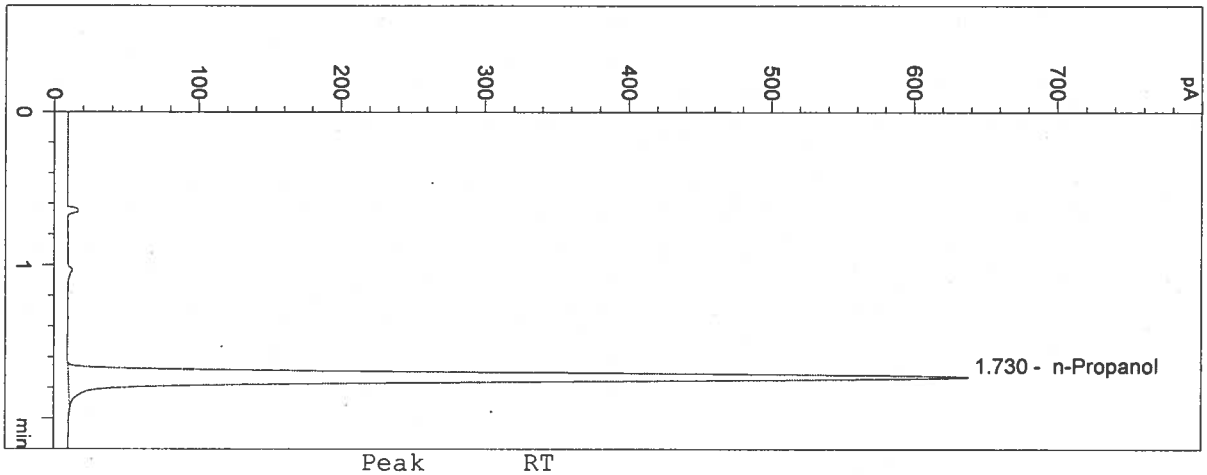


n-Propanol 0.012 g/100mL

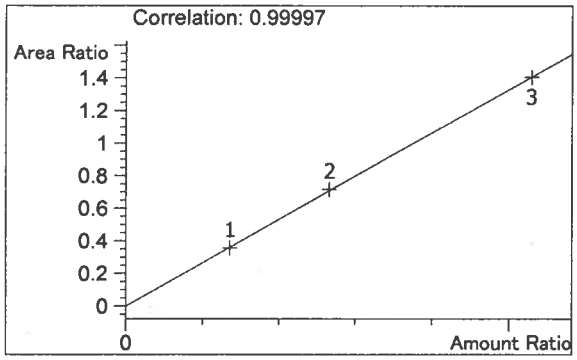
DS

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

Inj. Date: 8/1/2014 3:52:36 PM 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:



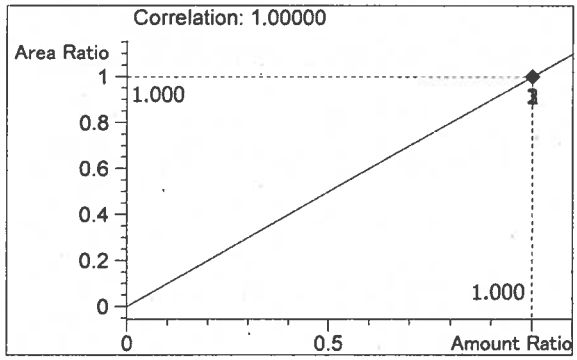
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2506	1.730



Ethanol 0.000 g/100mL

14031

14032

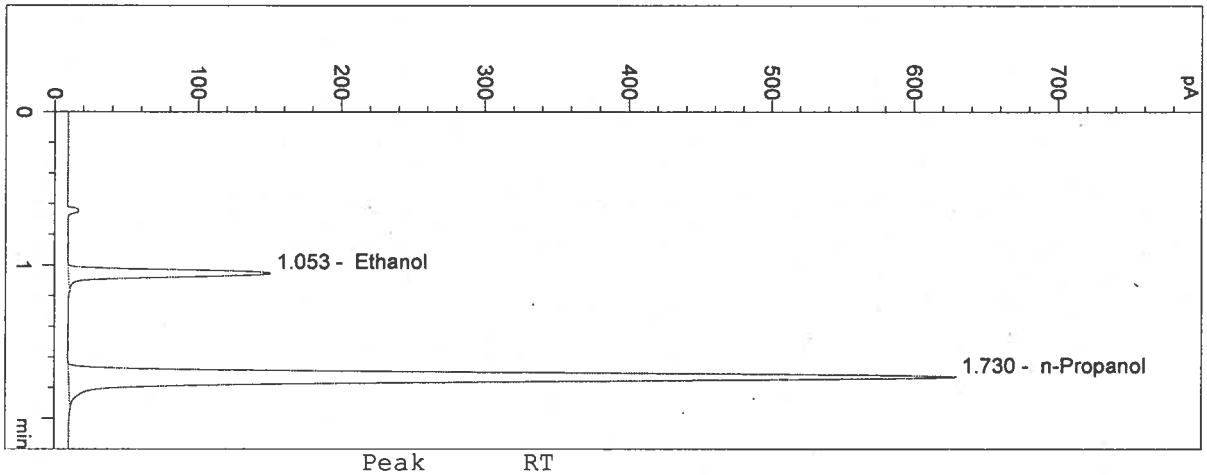


n-Propanol 0.012 g/100mL

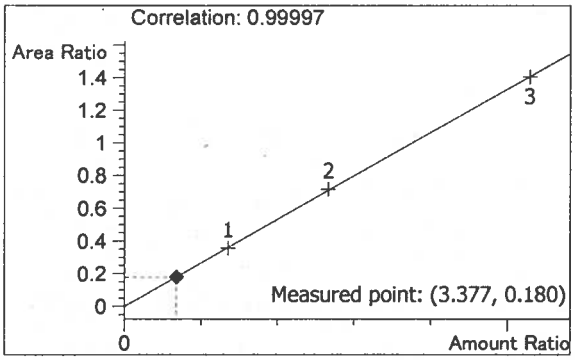
DS

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

Inj. Date: 8/1/2014 3:55:51 PM 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:



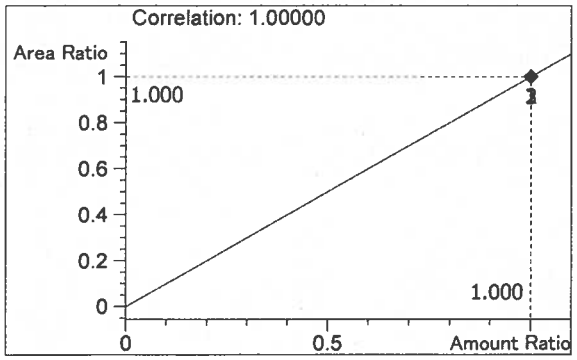
#	Compound	Peak Area	RT (min)
1	Ethanol	444	1.053
2	n-Propanol	2464	1.730



Ethanol 0.041 g/100mL

14031

14032

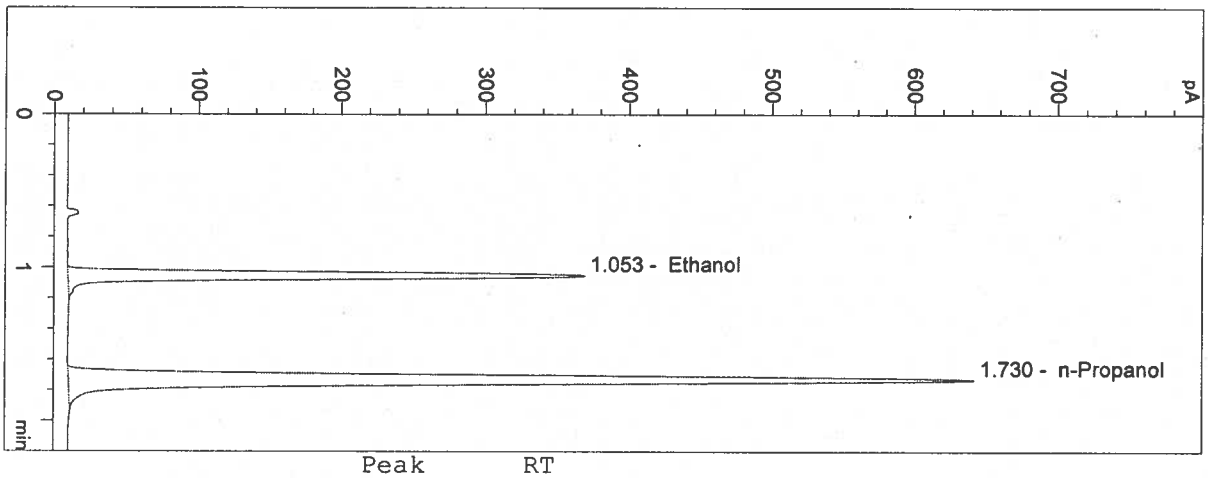


n-Propanol 0.012 g/100mL

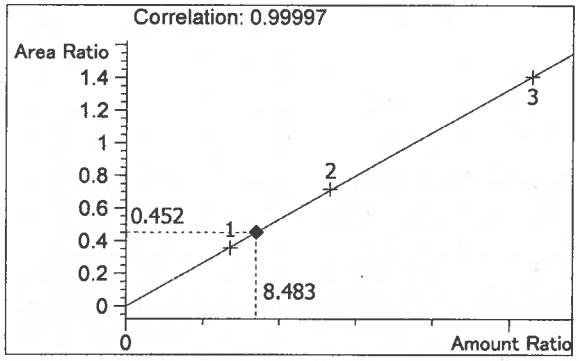
DS

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

Inj. Date: 8/1/2014 3:59:04 PM 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:



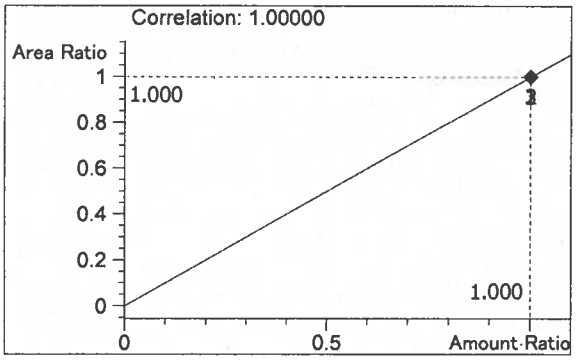
#	Compound	Peak Area	RT (min)
1	Ethanol	1138	1.053
2	n-Propanol	2516	1.730



Ethanol 0.102 g/100mL

14031

14032

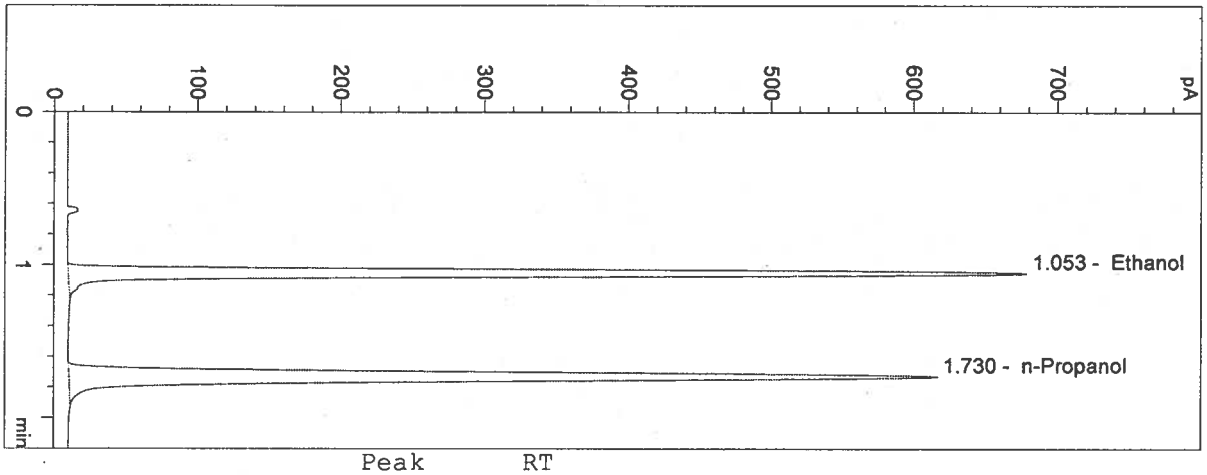


n-Propanol 0.012 g/100mL

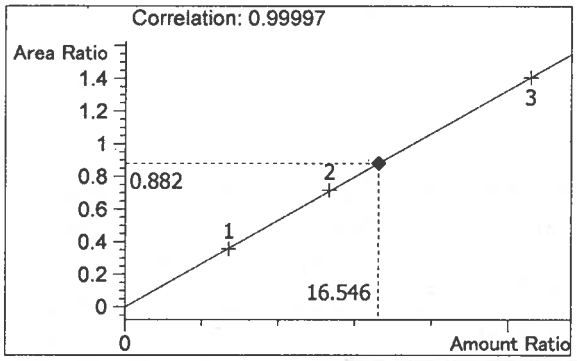
DS

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

Inj. Date: 8/1/2014 4:02:17 PM 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:



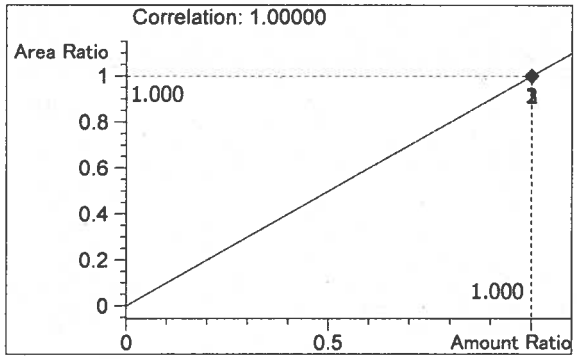
#	Compound	Peak Area	RT (min)
1	Ethanol	2132	1.053
2	n-Propanol	2418	1.730



Ethanol 0.199 g/100mL

14031

14032

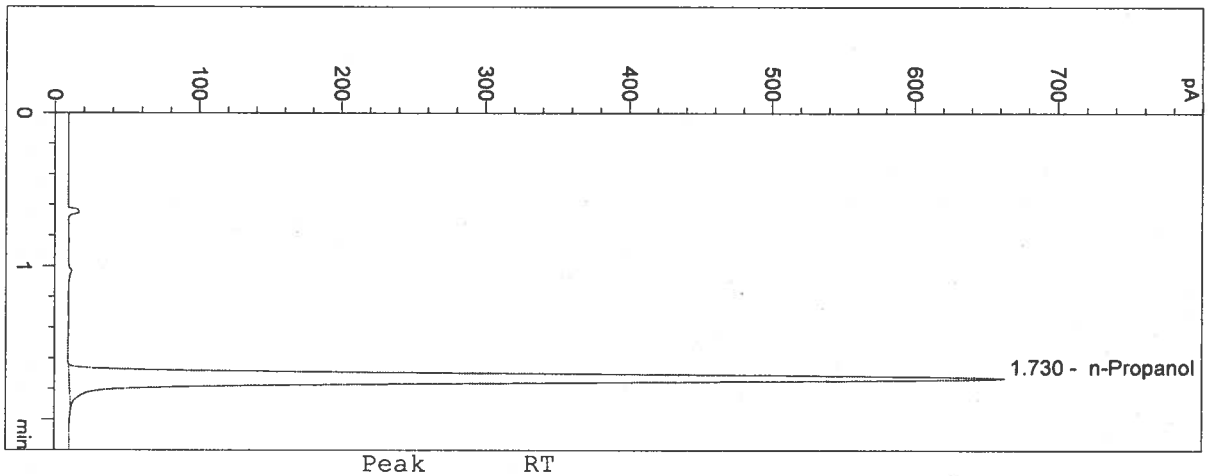


n-Propanol 0.012 g/100mL

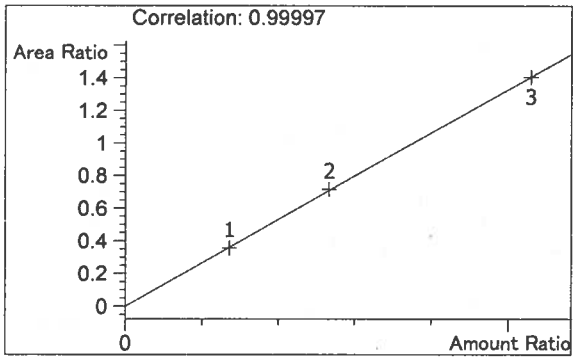
DS

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

Inj. Date: 8/1/2014 4:05:30 PM 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:

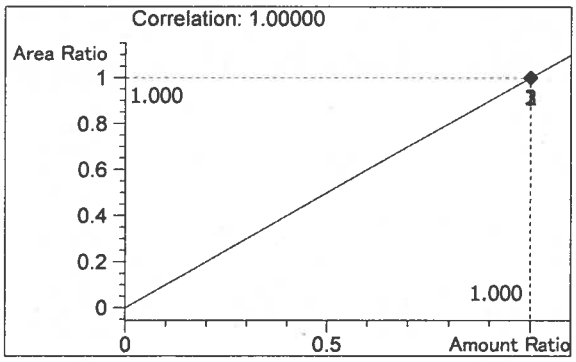


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2598	1.730



Ethanol 0.000 g/100mL

14031



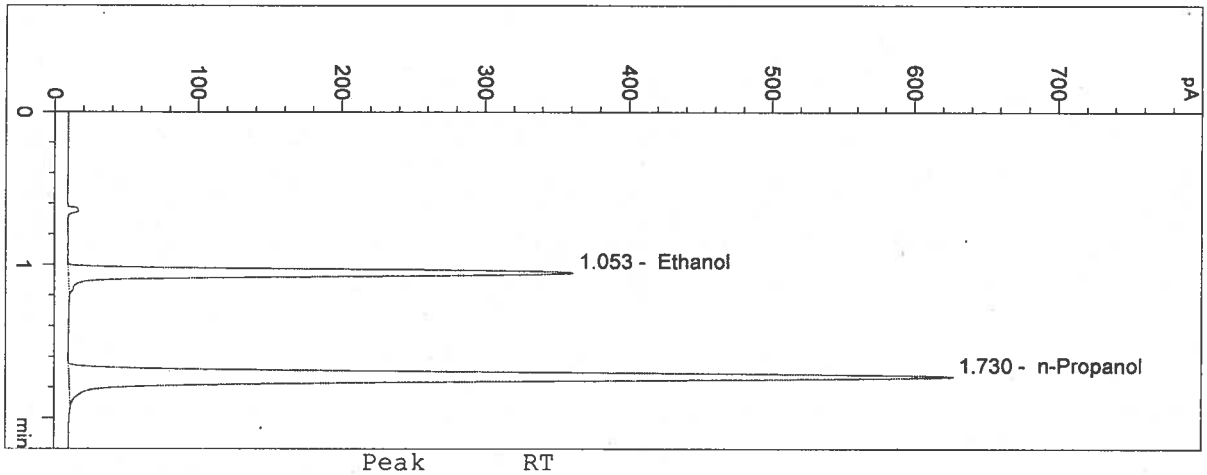
n-Propanol 0.012 g/100mL

14032

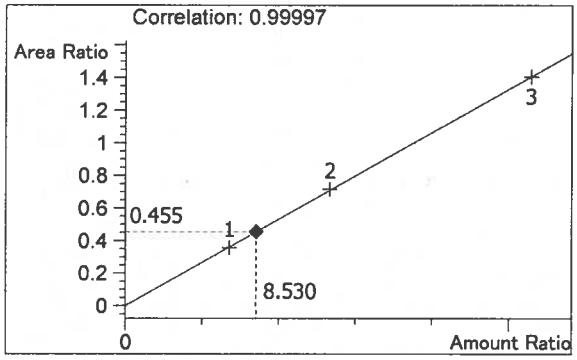
DS

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

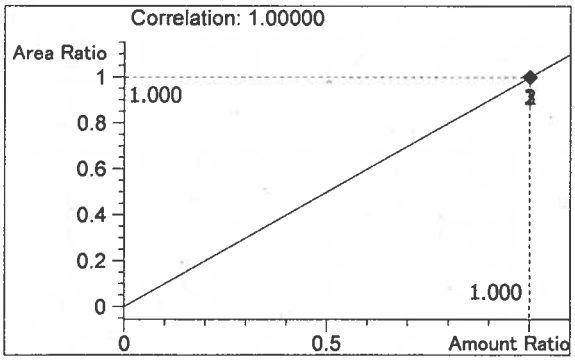
Inj. Date: 8/1/2014 4:31:16 PM Sample Name: 14032 #1
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 17
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1120	1.053
2	n-Propanol	2463	1.730



Ethanol 0.102 g/100mL

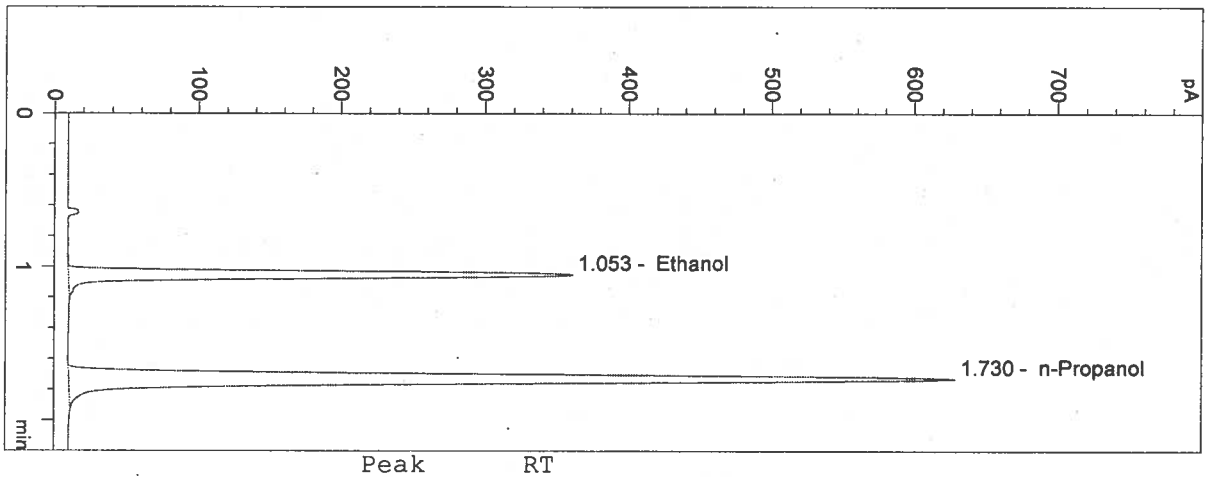


n-Propanol 0.012 g/100mL

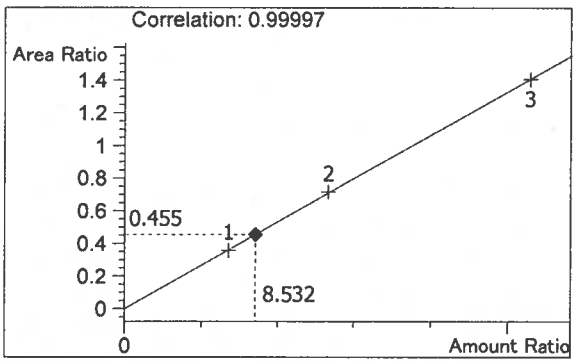
DS

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

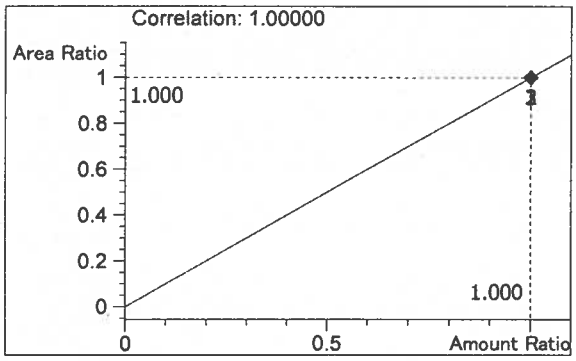
Inj. Date: 8/1/2014 4:34:31 PM Sample Name: 14032 #2
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 18
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1126	1.053
2	n-Propanol	2476	1.730



Ethanol 0.102 g/100mL

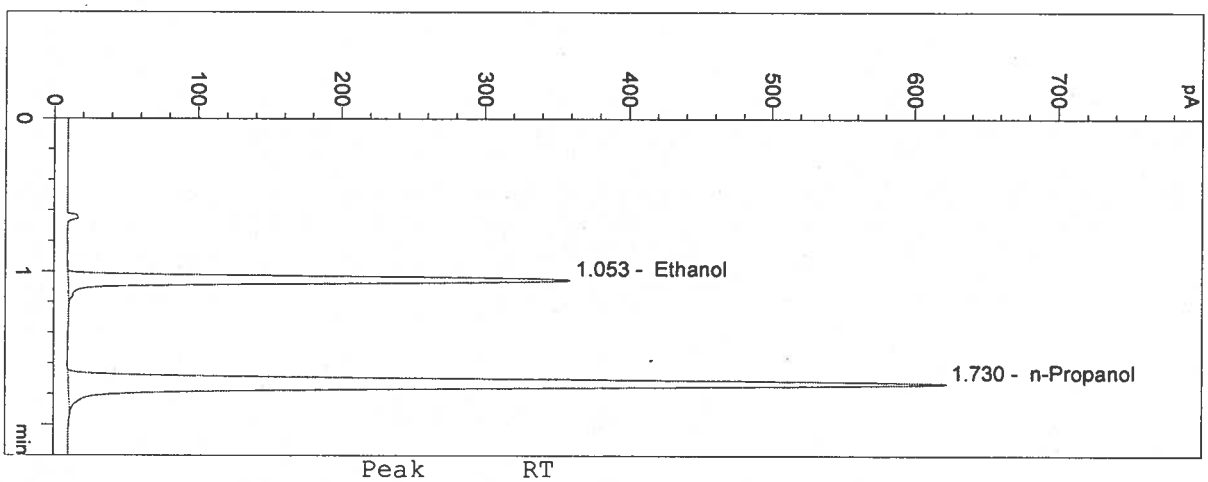


n-Propanol 0.012 g/100mL

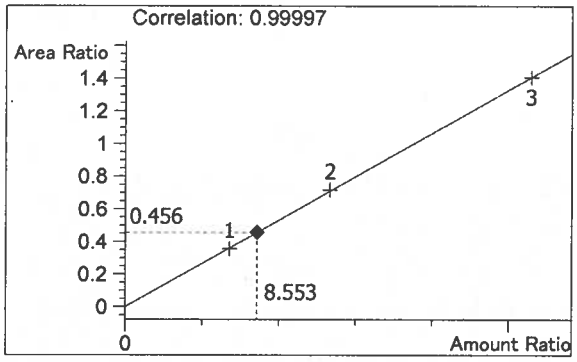
DS

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

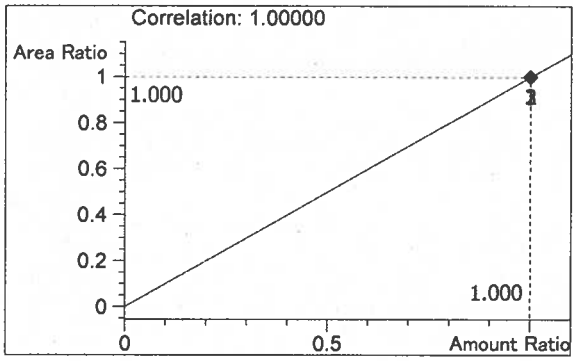
Inj. Date: 8/1/2014 4:37:44 PM Sample Name: 14032 #3
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 19
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.053
2	n-Propanol	2440	1.730



Ethanol 0.103 g/100mL

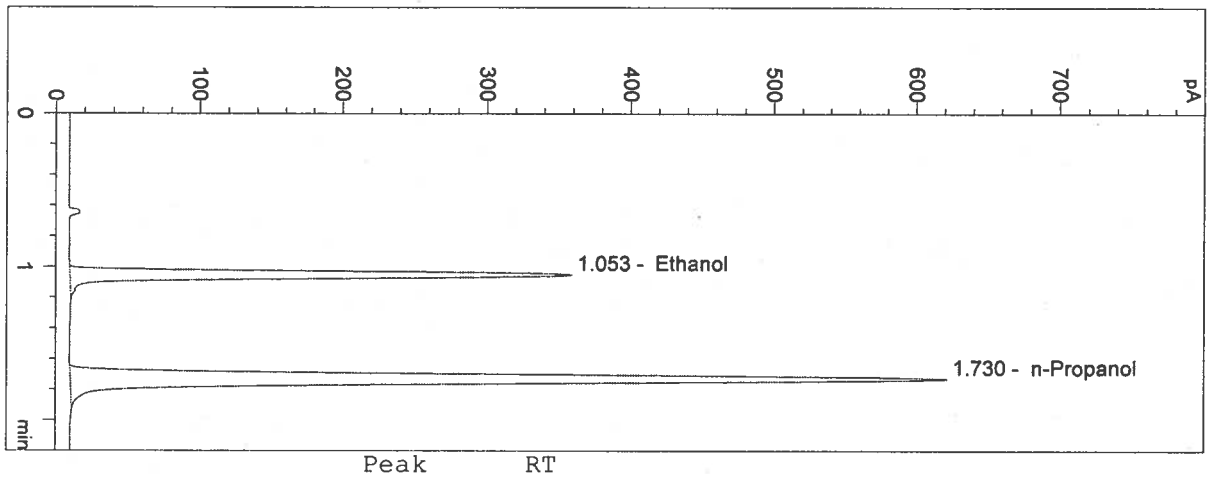


n-Propanol 0.012 g/100mL

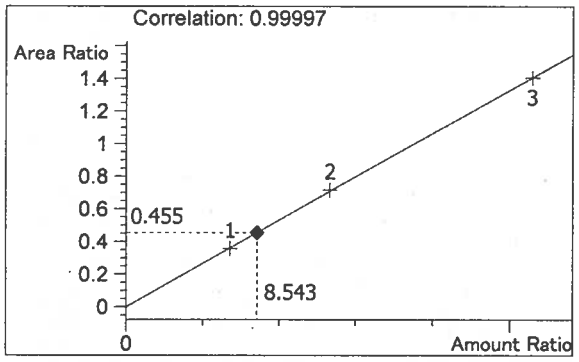
OS

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

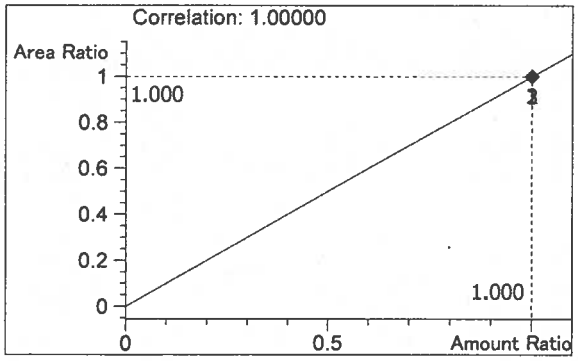
Inj. Date: 8/1/2014 4:40:57 PM Sample Name: 14032 #4
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 20
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1111	1.053
2	n-Propanol	2441	1.730



Ethanol 0.103 g/100mL

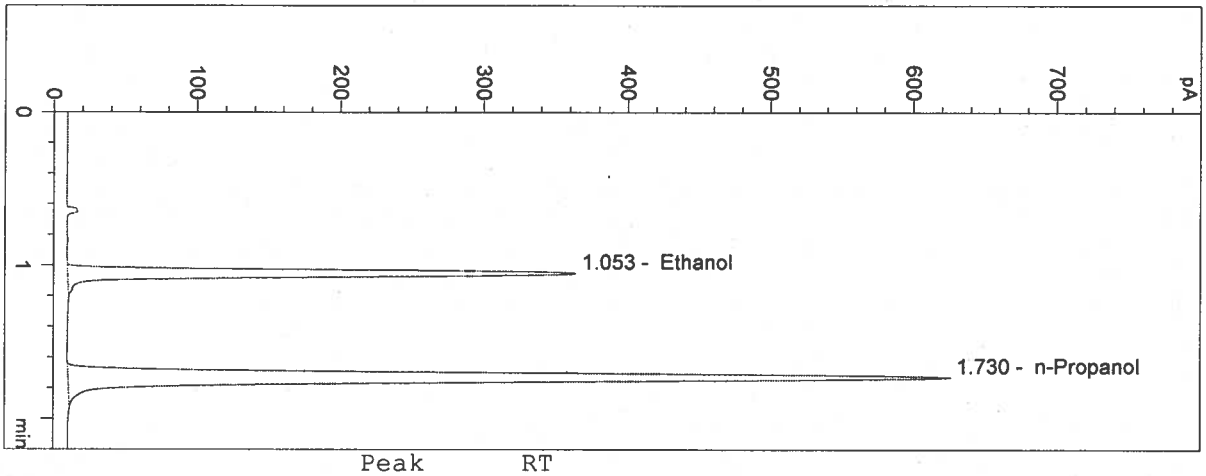


n-Propanol 0.012 g/100mL

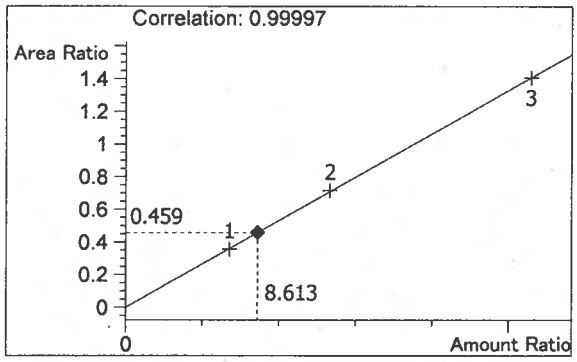
AS

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

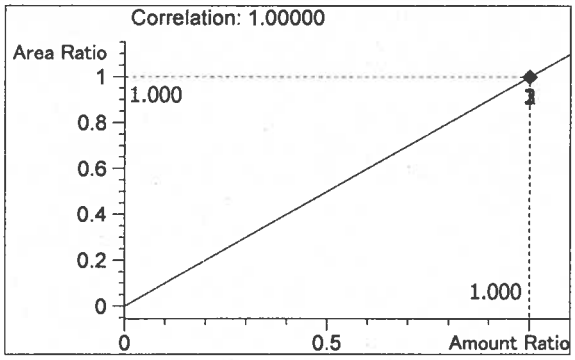
Inj. Date: 8/1/2014 4:44:11 PM Sample Name: 14032 #5
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 21
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1130	1.053
2	n-Propanol	2461	1.730



Ethanol 0.103 g/100mL

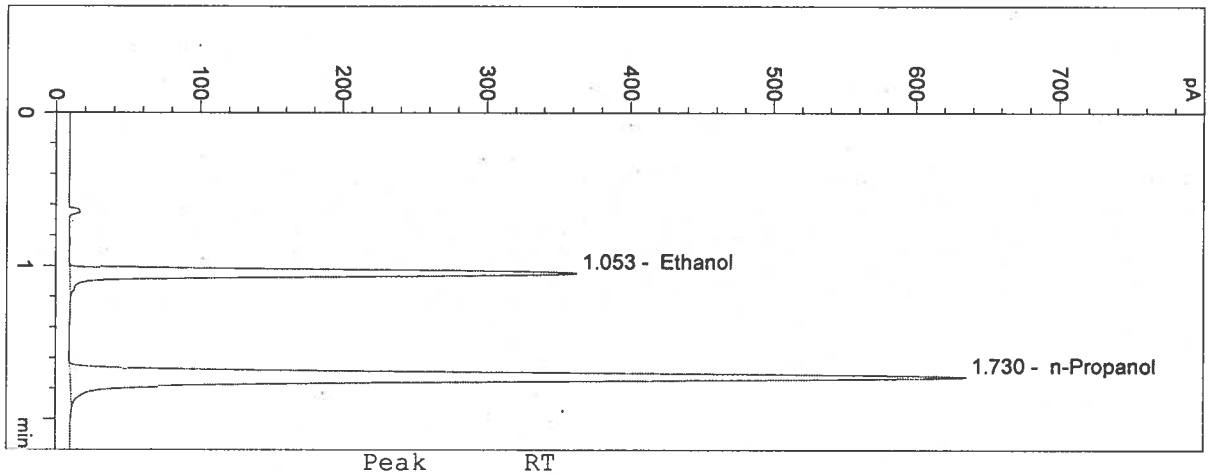


n-Propanol 0.012 g/100mL

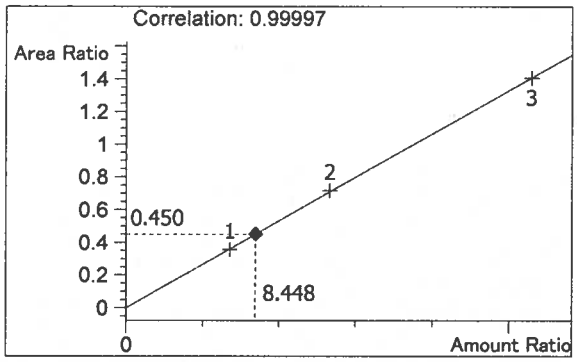
DS

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

Inj. Date: 8/1/2014 4:47:23 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 22
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

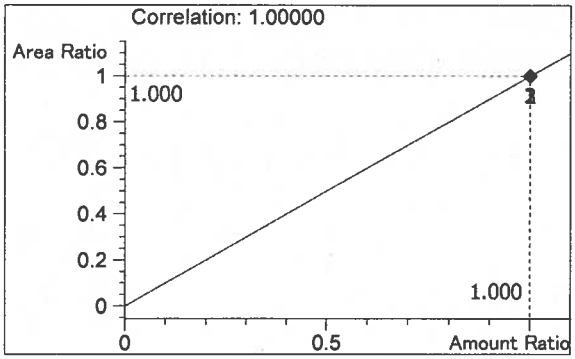


#	Compound	Peak Area	RT (min)
1	Ethanol	1121	1.053
2	n-Propanol	2489	1.730



Ethanol 0.101 g/100mL

14032

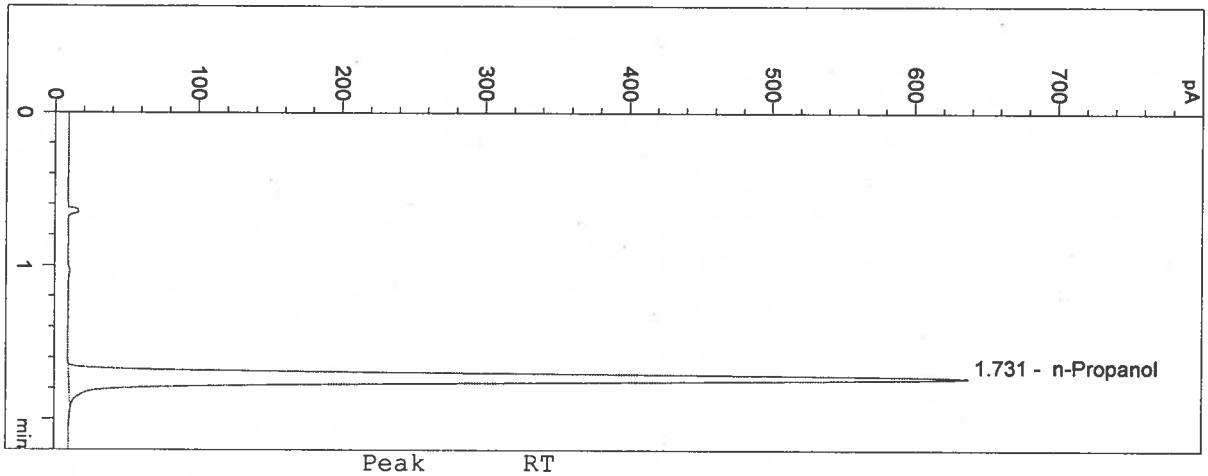


n-Propanol 0.012 g/100mL

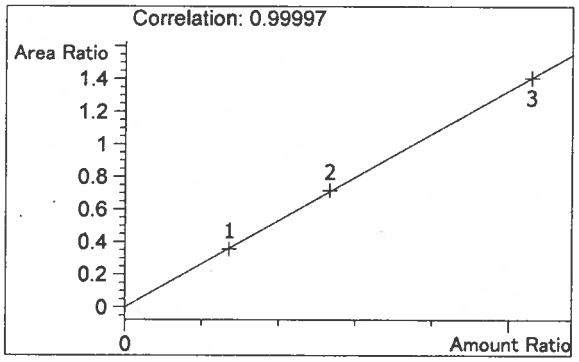
PS

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

Inj. Date: 8/1/2014 4:50:38 PM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 23
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

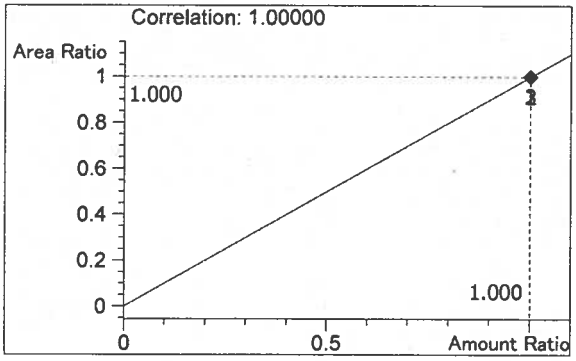


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2504	1.731



Ethanol 0.000 g/100mL

14032



n-Propanol 0.012 g/100mL

DS

Sequence Parameters:

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

Operator : Rebecca Flaherty

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

Data Subdirectory : 140804RF

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
~~VOL CAL 1: 40 mg/dL - Lot: V0614-01 - exp: 9/20/14~~ RF 8/8/14
~~VOL CAL 2: 79 mg/dL - Lot: V0614-02 - exp: 9/20/14~~ RF 8/8/14
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
~~CTRL 4: 60 mg/dL - Lot: C0614 - exp: 9/18/2014~~ RF 8/8/14
n-Propanol: Lot: P0514 - exp: 8/27/2014

14032

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	

RF

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

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
10	Vial 10	14032-1	SIMALC1	1	Sample	
11	Vial 11	14032-2	SIMALC1	1	Sample	
12	Vial 12	14032-3	SIMALC1	1	Sample	
13	Vial 13	14032-4	SIMALC1	1	Sample	
14	Vial 14	14032-5	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!

14032

RF

Calibration Table

General Calibration Setting

Calib. Data Modified : Monday, August 04, 2014 3:28:09 PM

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.000 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.000 min
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

14032

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	872.86151	9.30732e-5	No	No 1	Ethanol
		2	1.59860e-1	1715.01294	9.32121e-5			
		3	3.17330e-1	3356.73389	9.45353e-5			
1.730	1	1	1.20000e-2	2436.49268	4.92511e-6	No	Yes 1	n-Propanol

RF

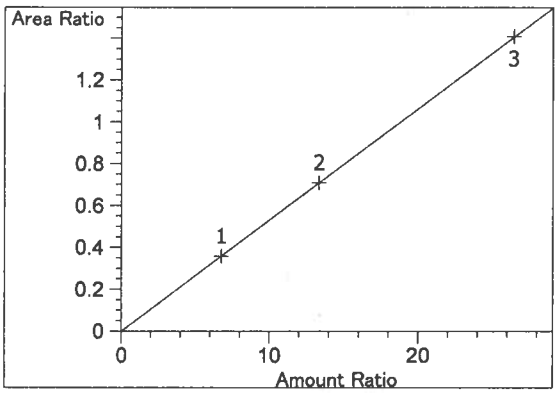
Method C:\CHEM32\1\METHODS\SIMALC1.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	2419.94458	4.95879e-6			
		3	1.20000e-2	2384.37354	5.03277e-6			

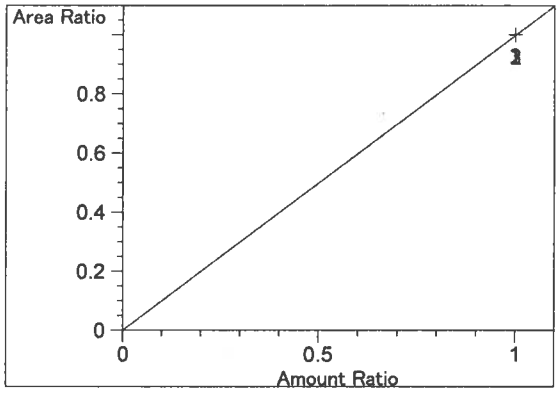
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.053
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00121
Formula: y = mx + b
m: 5.32623e-2
b: -9.64340e-4
x: Amount
y: Area



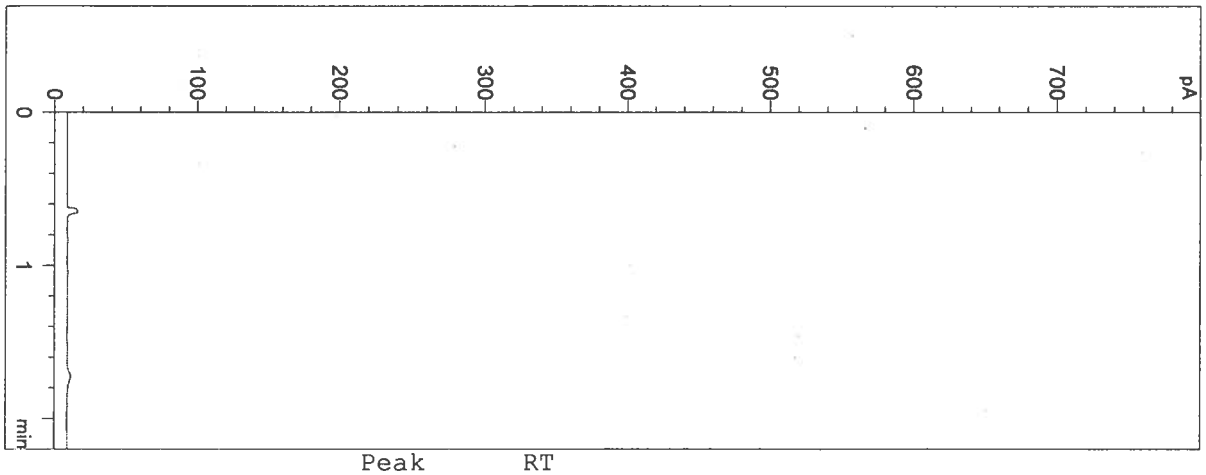
n-Propanol at exp. RT: 1.730
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

14032

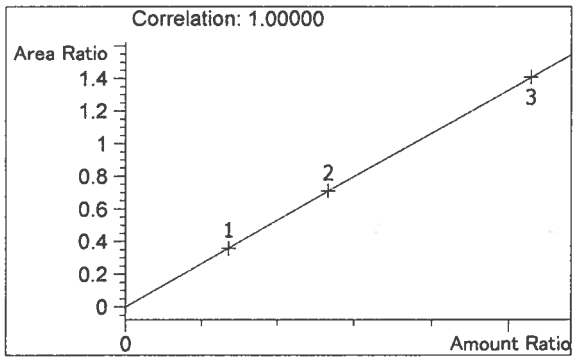
RF

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

Inj. Date: 8/4/2014 3:16:02 PM Sample Name: BLANK
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 1
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

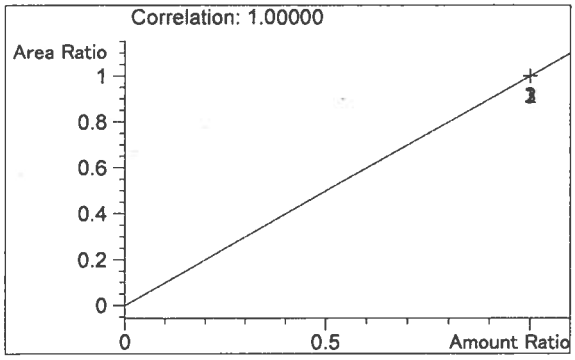


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14032



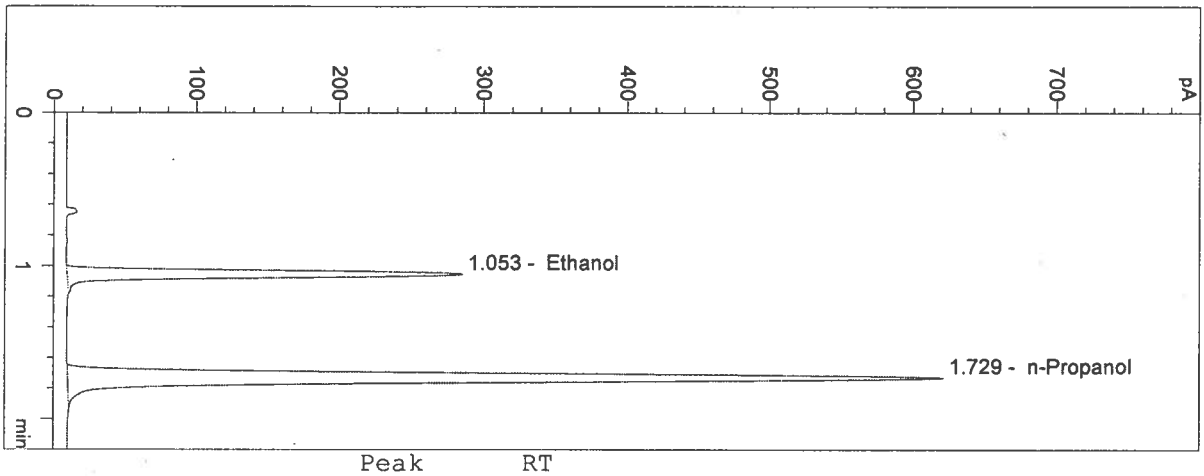
n-Propanol 0.000 g/100mL

Data File: C:\CHEM32\1\DATA\140804RF\001F0101.D Page 1 of 1

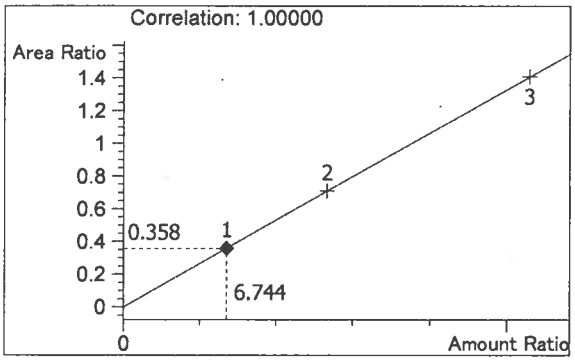
RF

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

Inj. Date: 8/4/2014 3:19:20 PM 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:

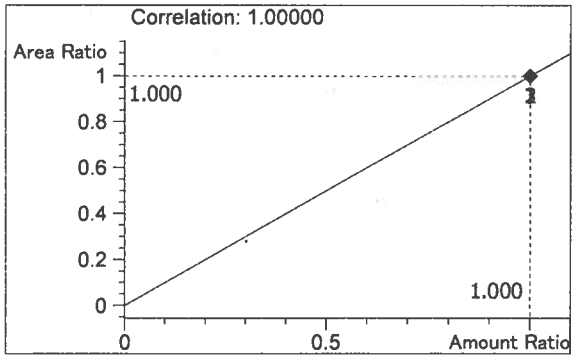


#	Compound	Peak Area	RT (min)
1	Ethanol	873	1.053
2	n-Propanol	2436	1.729



Ethanol 0.081 g/100mL

14032

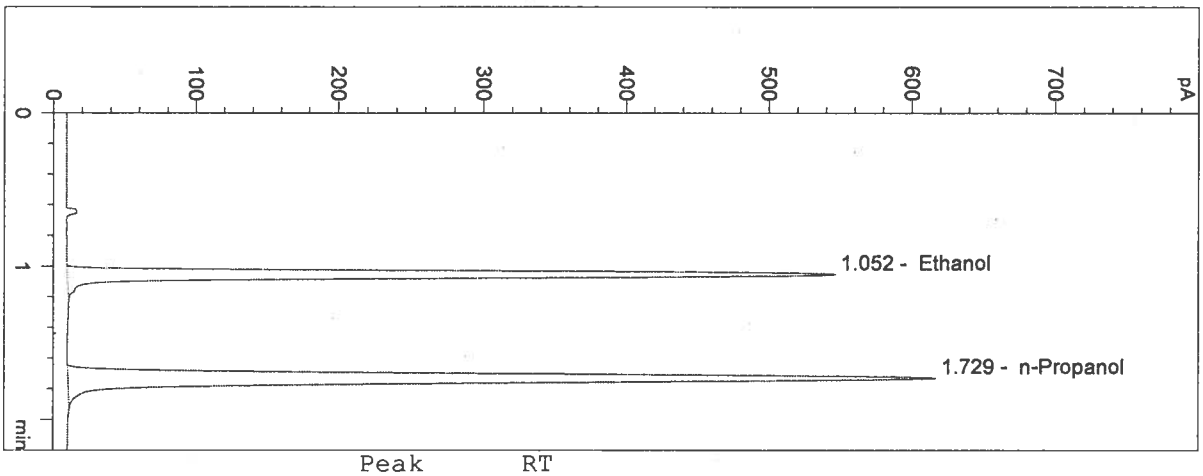


n-Propanol 0.012 g/100mL

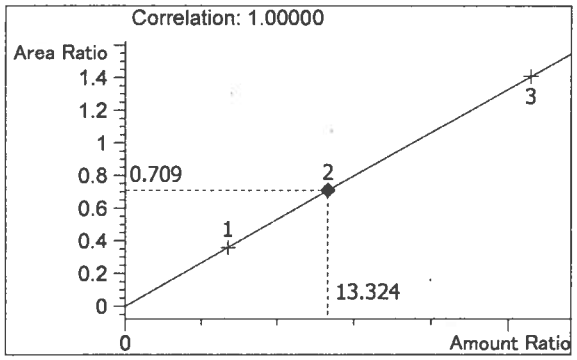
RF

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

Inj. Date: 8/4/2014 3:22:40 PM 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:

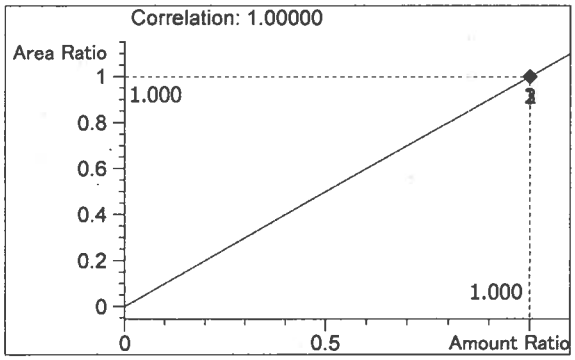


#	Compound	Peak Area	RT (min)
1	Ethanol	1715	1.052
2	n-Propanol	2420	1.729



Ethanol 0.160 g/100mL

14032

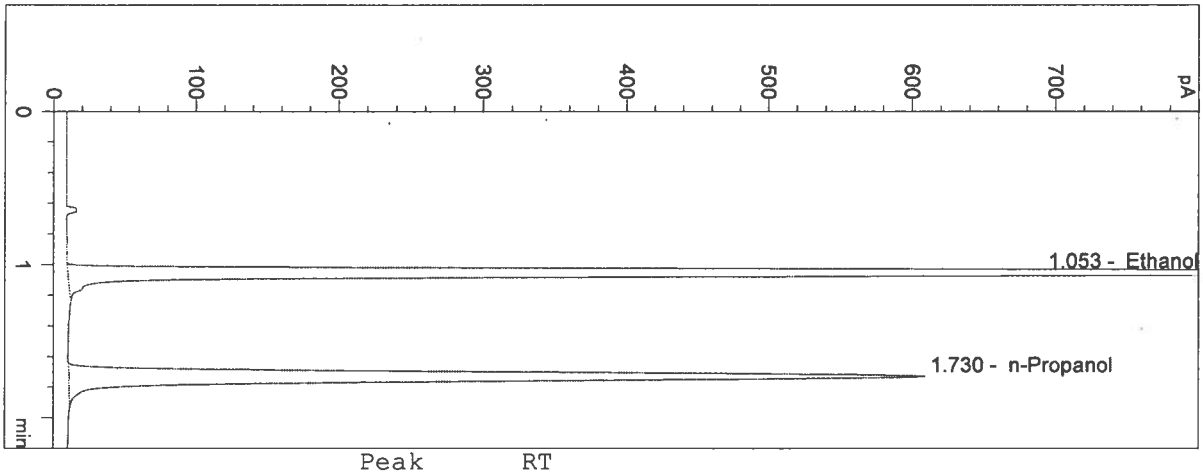


n-Propanol 0.012 g/100mL

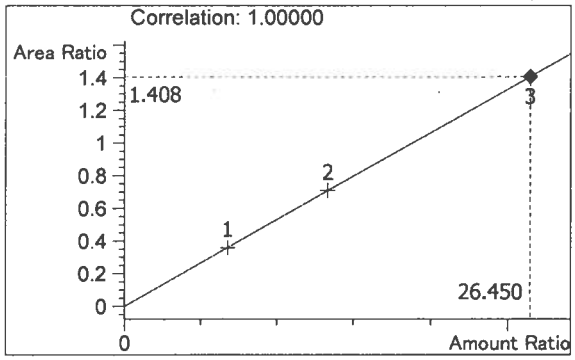
RF

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

Inj. Date: 8/4/2014 3:25:57 PM 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:

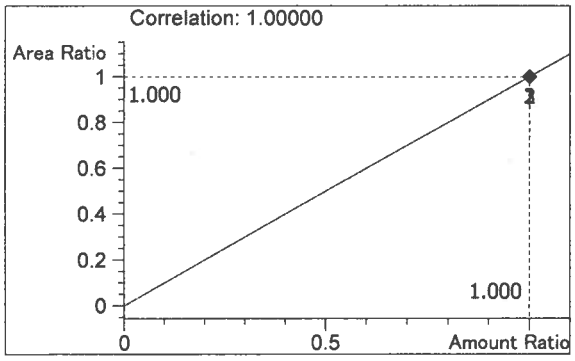


#	Compound	Peak Area	RT (min)
1	Ethanol	3357	1.053
2	n-Propanol	2384	1.730



Ethanol 0.317 g/100mL

14032

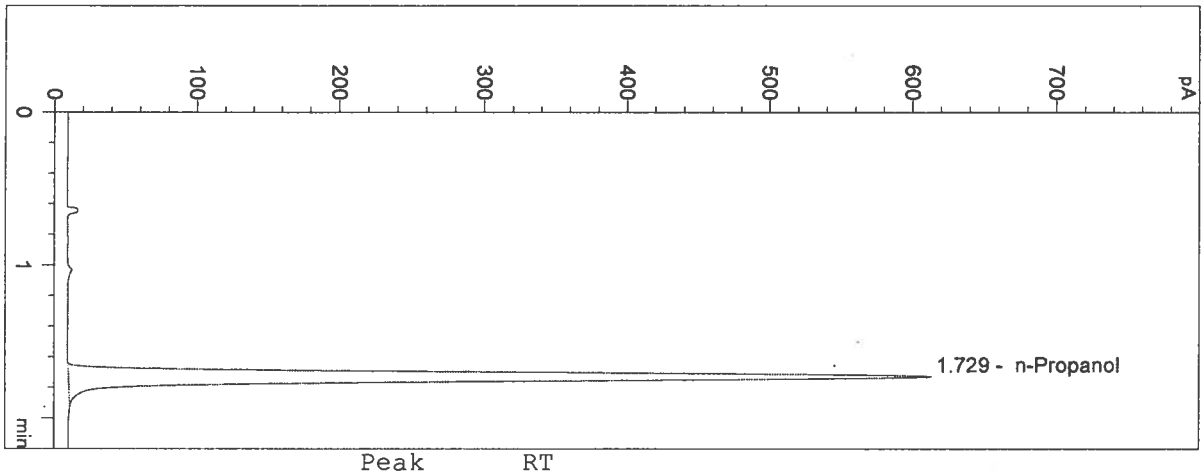


n-Propanol 0.012 g/100mL

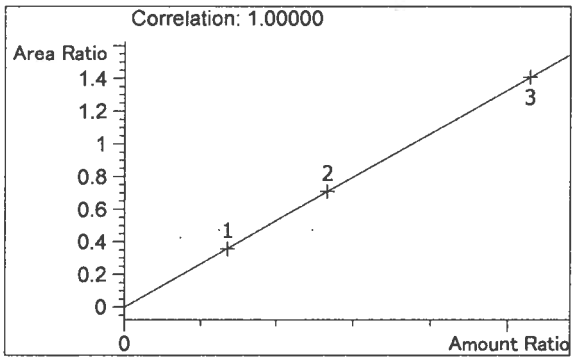
RF

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

Inj. Date: 8/4/2014 3:29:10 PM 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:

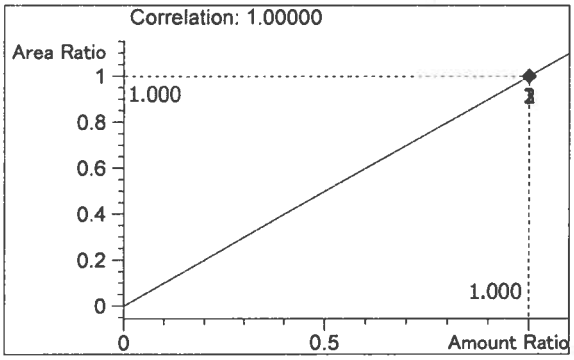


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2406	1.729



Ethanol 0.000 g/100mL

14032

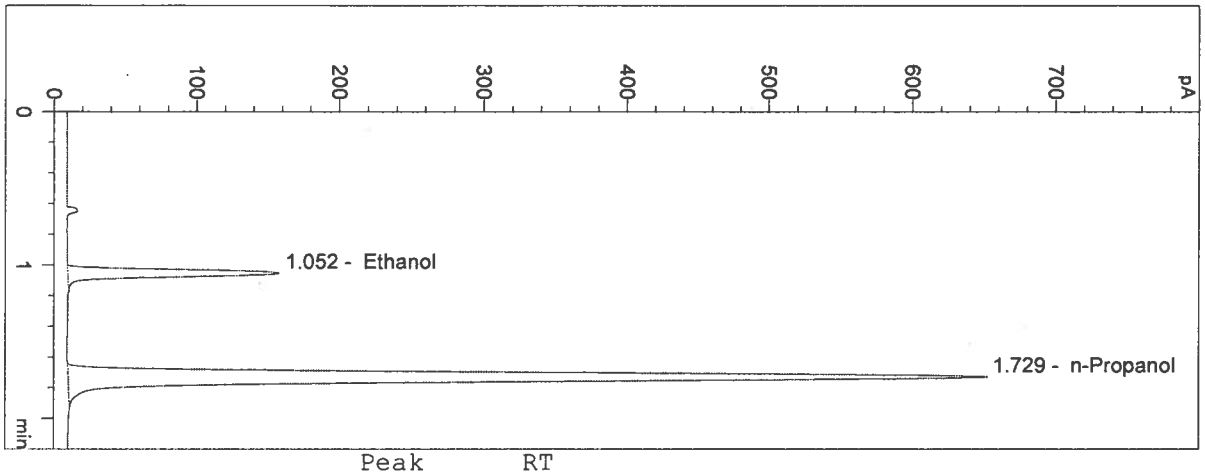


n-Propanol 0.012 g/100mL

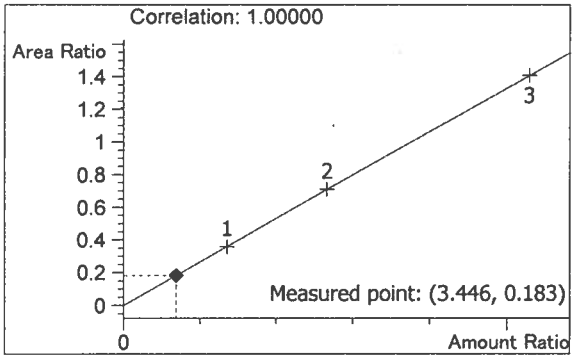
RF

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

Inj. Date: 8/4/2014 3:32:22 PM 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:

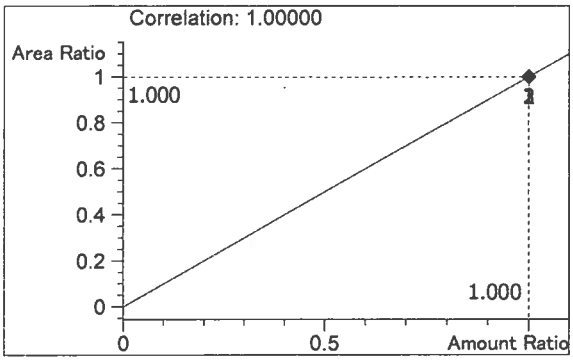


#	Compound	Peak Area	RT (min)
1	Ethanol	467	1.052
2	n-Propanol	2557	1.729



Ethanol 0.041 g/100mL

14032

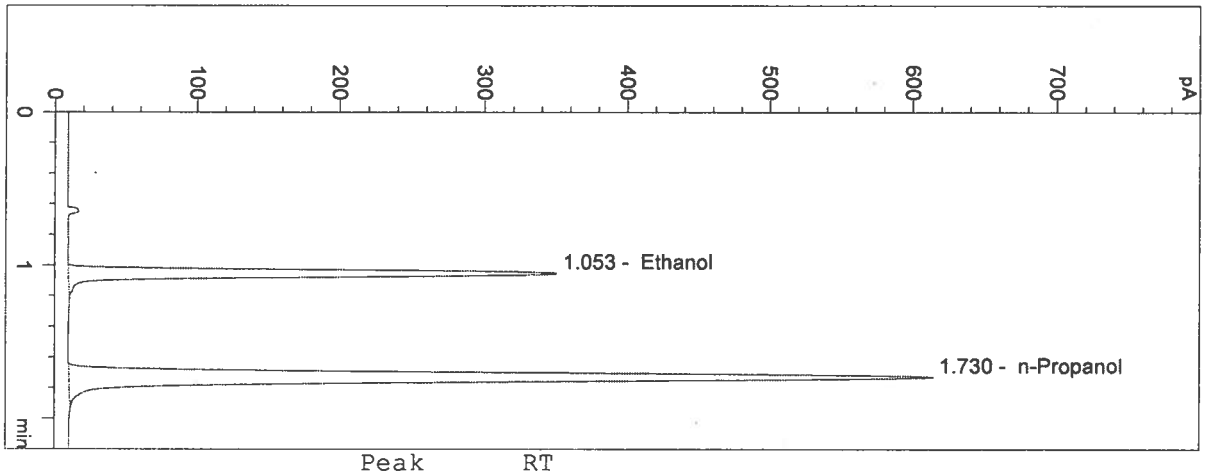


n-Propanol 0.012 g/100mL

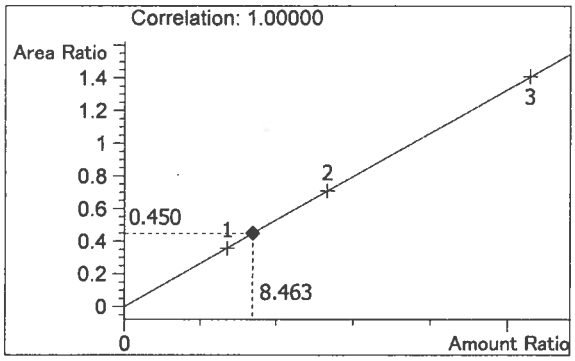
RF

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

Inj. Date: 8/4/2014 3:35:36 PM 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:

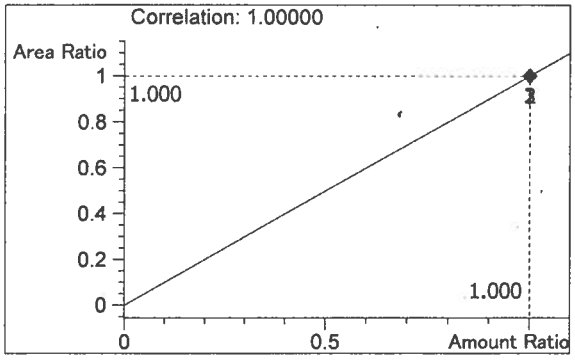


#	Compound	Peak Area	RT (min)
1	Ethanol	1089	1.053
2	n-Propanol	2421	1.730



Ethanol 0.102 g/100mL

14032

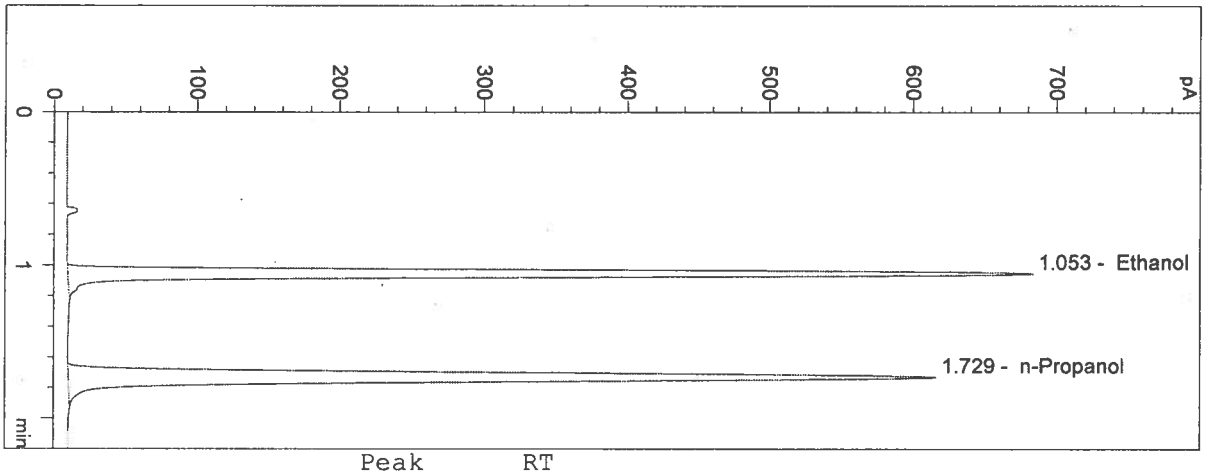


n-Propanol 0.012 g/100mL

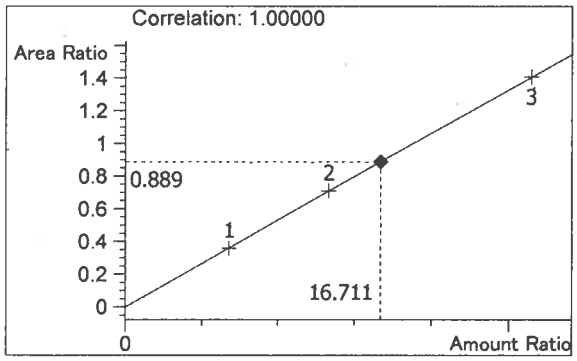
RF

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

Inj. Date: 8/4/2014 3:38:48 PM 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:

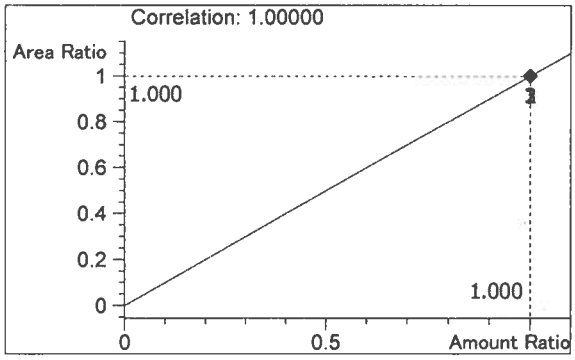


#	Compound	Peak Area	RT (min)
1	Ethanol	2150	1.053
2	n-Propanol	2418	1.729



Ethanol 0.201 g/100mL

14032



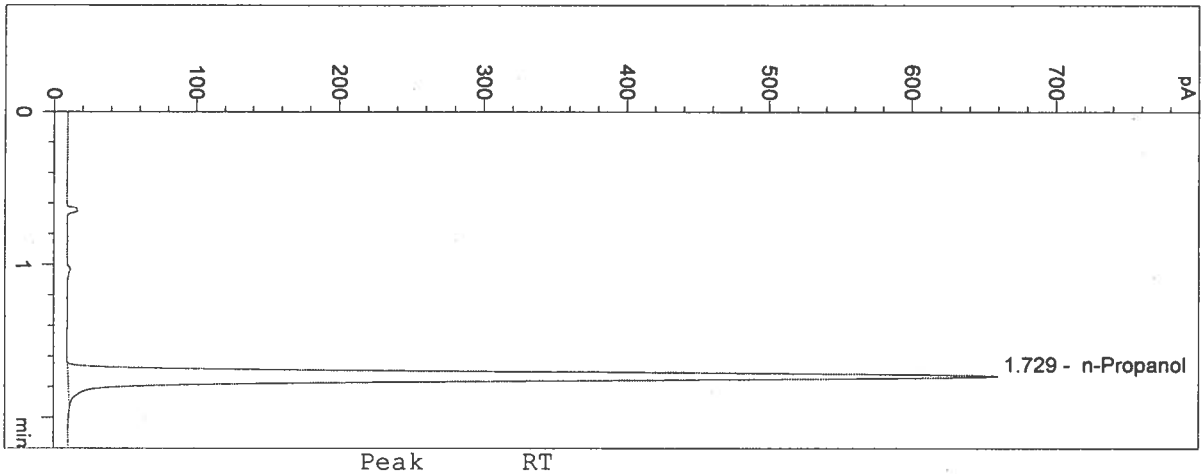
n-Propanol 0.012 g/100mL

Data File: C:\CHEM32\1\DATA\140804RF\008F0801.D Page 1 of 1

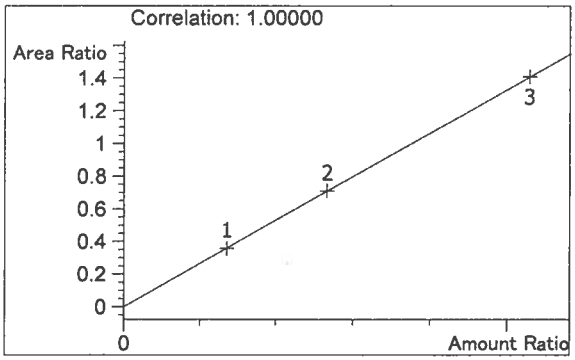
RF

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

Inj. Date: 8/4/2014 3:42:01 PM 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:

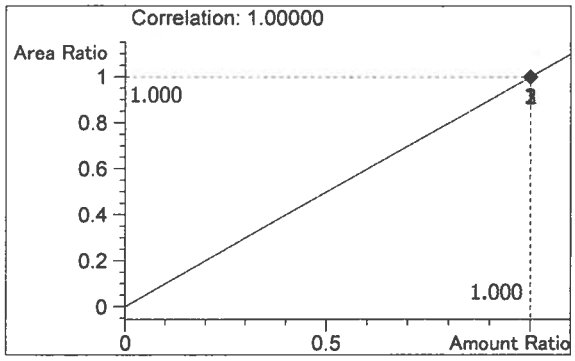


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2576	1.729



Ethanol 0.000 g/100mL

14032

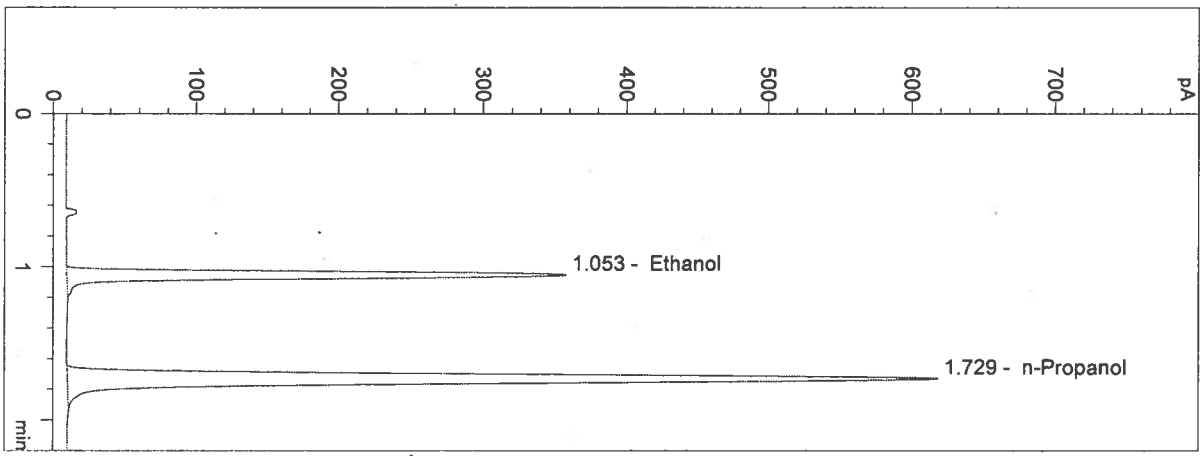


n-Propanol 0.012 g/100mL

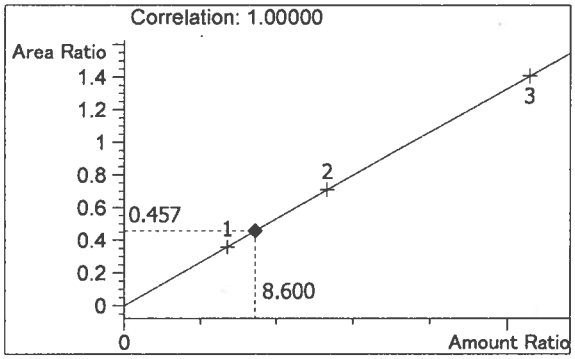
RF

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

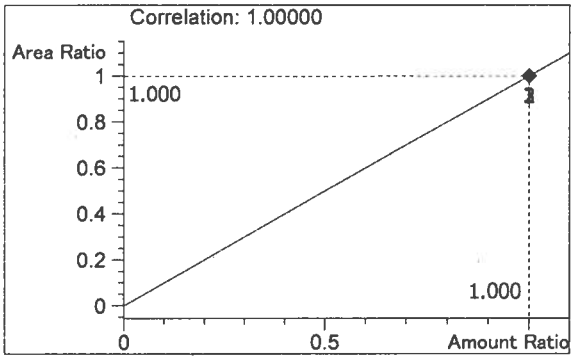
Inj. Date: 8/4/2014 3:45:15 PM Sample Name: 14032-1
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 10
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1111	1.053
2	n-Propanol	2430	1.729



Ethanol 0.103 g/100mL

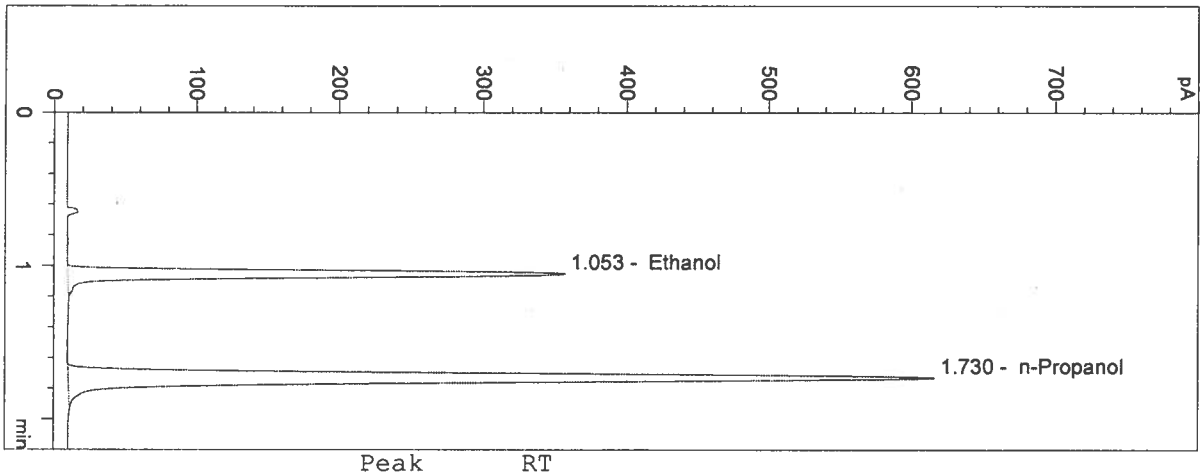


n-Propanol 0.012 g/100mL

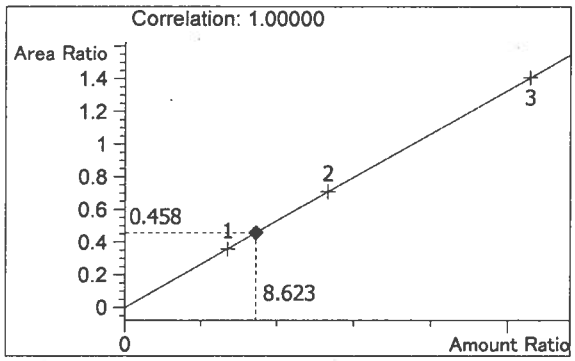
RF

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

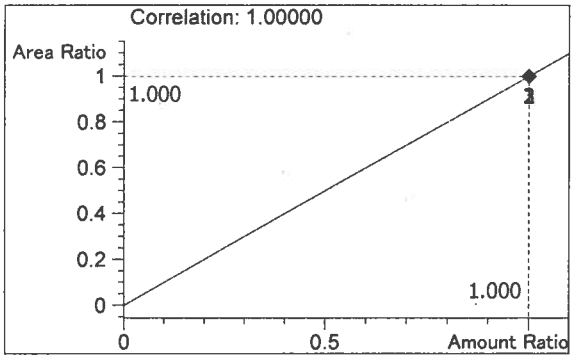
Inj. Date: 8/4/2014 3:48:28 PM Sample Name: 14032-2
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 11
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1109	1.053
2	n-Propanol	2420	1.730



Ethanol 0.103 g/100mL

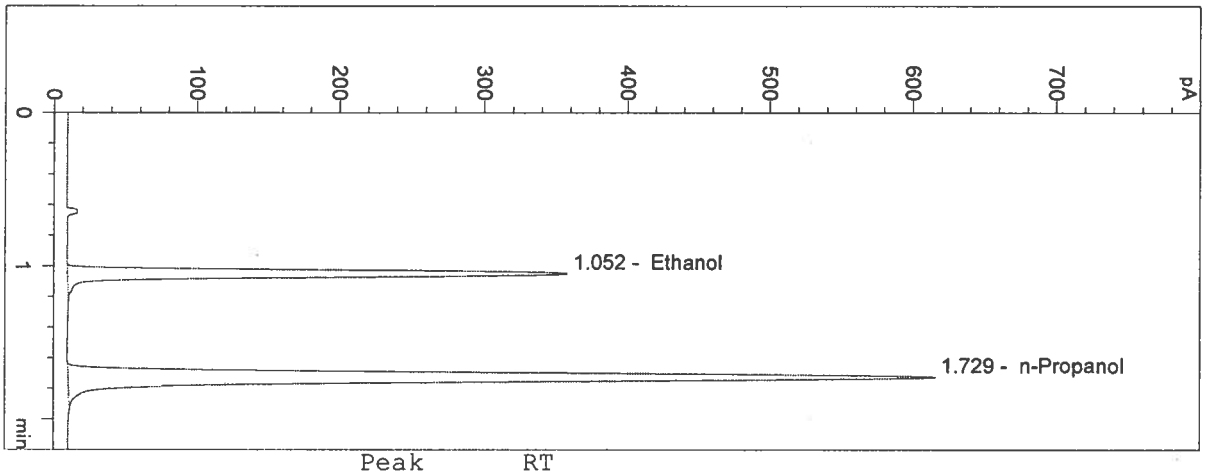


n-Propanol 0.012 g/100mL

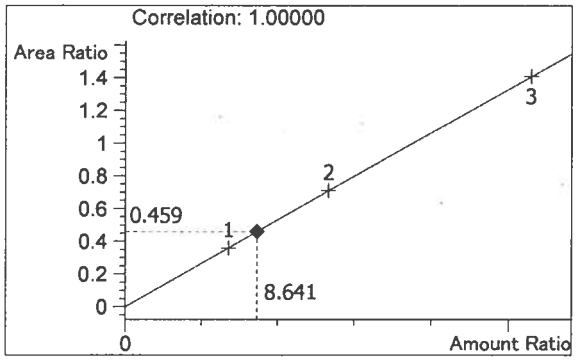
RF

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

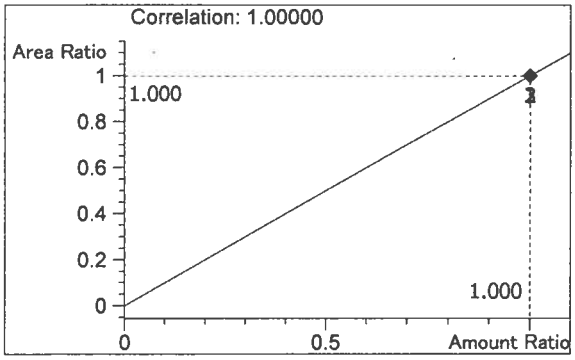
Inj. Date: 8/4/2014 3:51:42 PM Sample Name: 14032-3
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 12
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1113	1.052
2	n-Propanol	2423	1.729



Ethanol 0.104 g/100mL

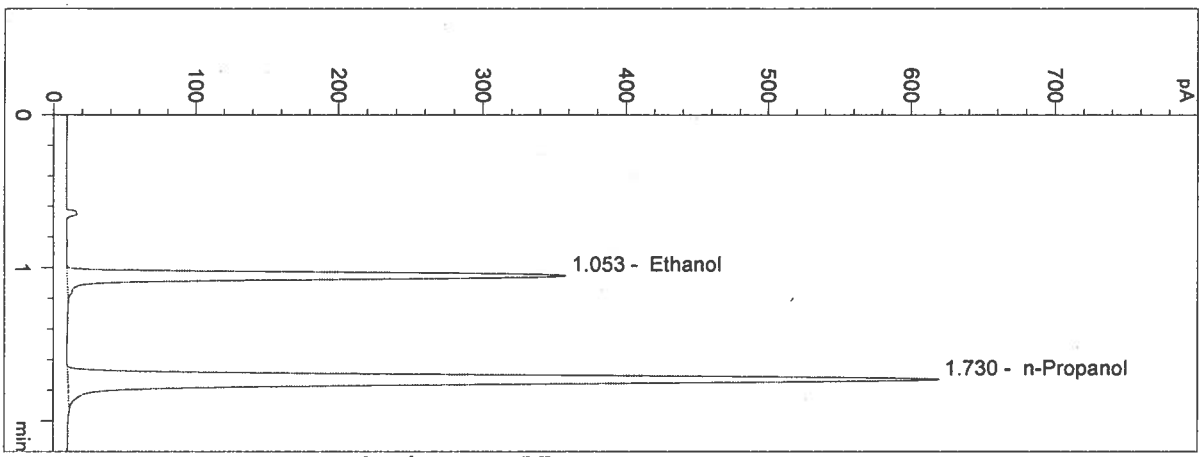


n-Propanol 0.012 g/100mL

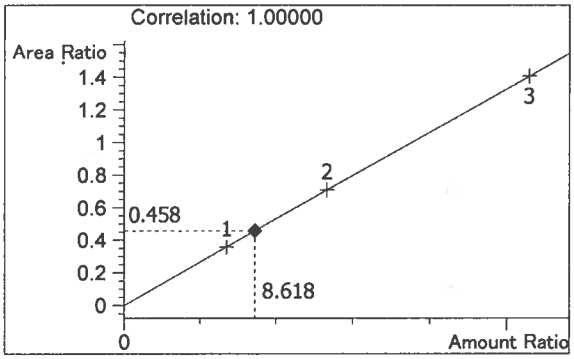
RF

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

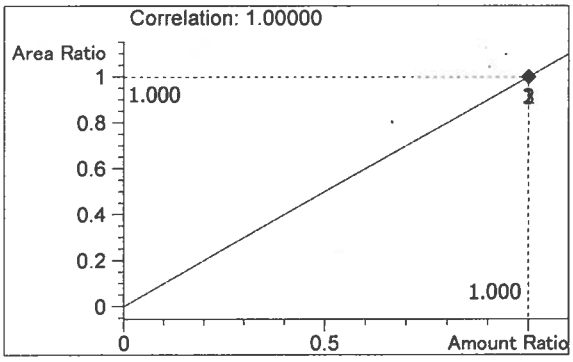
Inj. Date: 8/4/2014 3:54:55 PM Sample Name: 14032-4
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 13
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1116	1.053
2	n-Propanol	2437	1.730



Ethanol 0.103 g/100mL

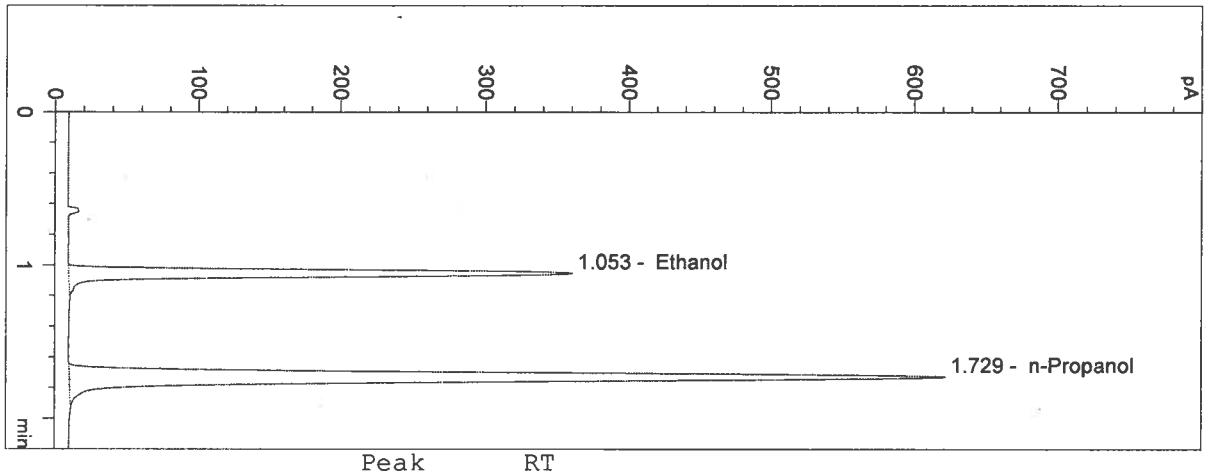


n-Propanol 0.012 g/100mL

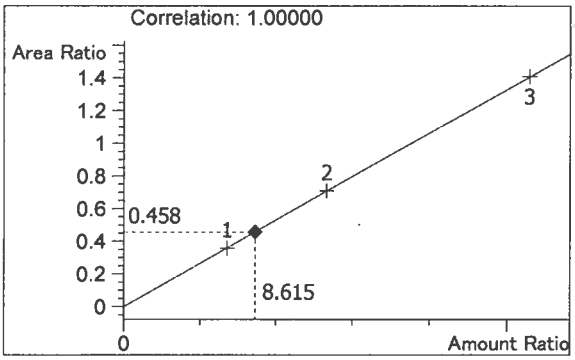
RF

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

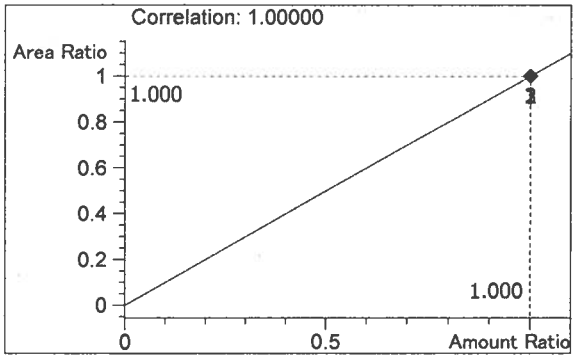
Inj. Date: 8/4/2014 3:58:08 PM Sample Name: 14032-5
Instrument: HSGC 1 Operator: Rebecca Flaherty
Column: DB-ALC1 Location: Vial 14
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1118	1.053
2	n-Propanol	2442	1.729



Ethanol 0.103 g/100mL

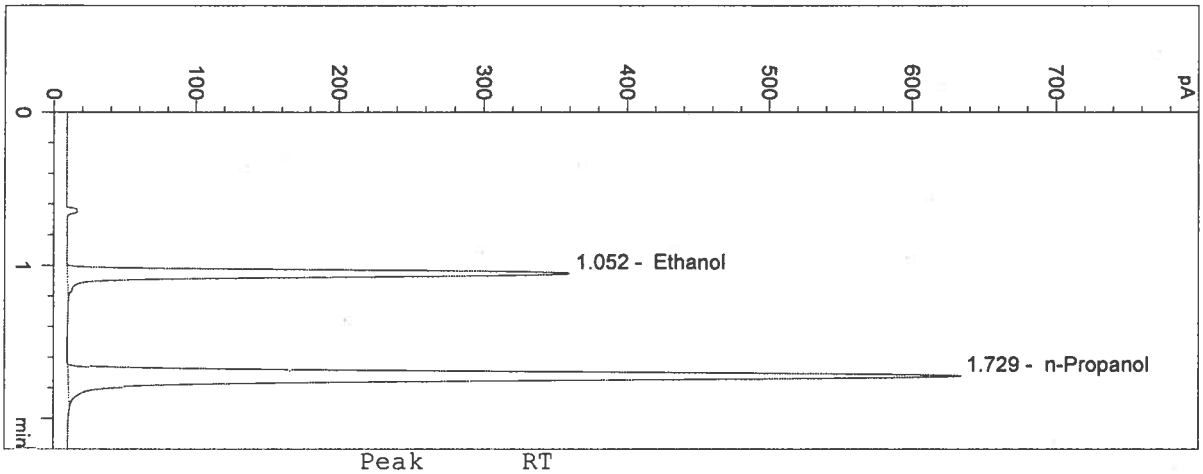


n-Propanol 0.012 g/100mL

RF

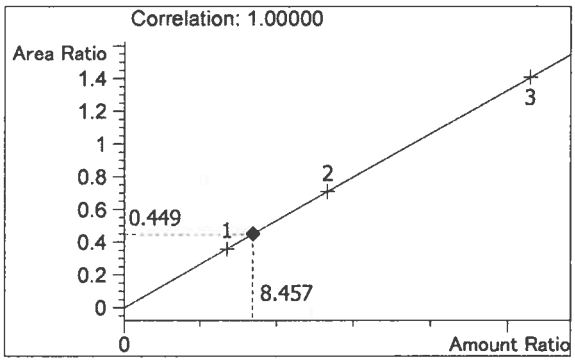
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/4/2014 4:01:22 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:

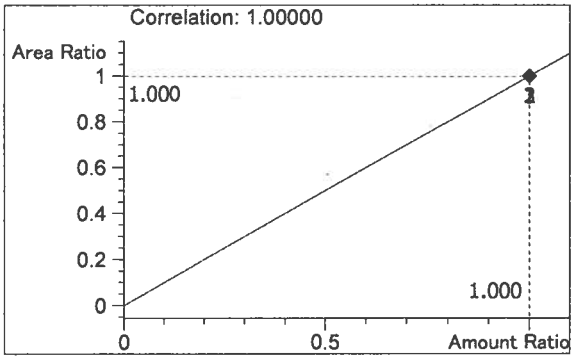


#	Compound	Peak Area	RT (min)
1	Ethanol	1118	1.052
2	n-Propanol	2488	1.729

14032



Ethanol 0.101 g/100mL

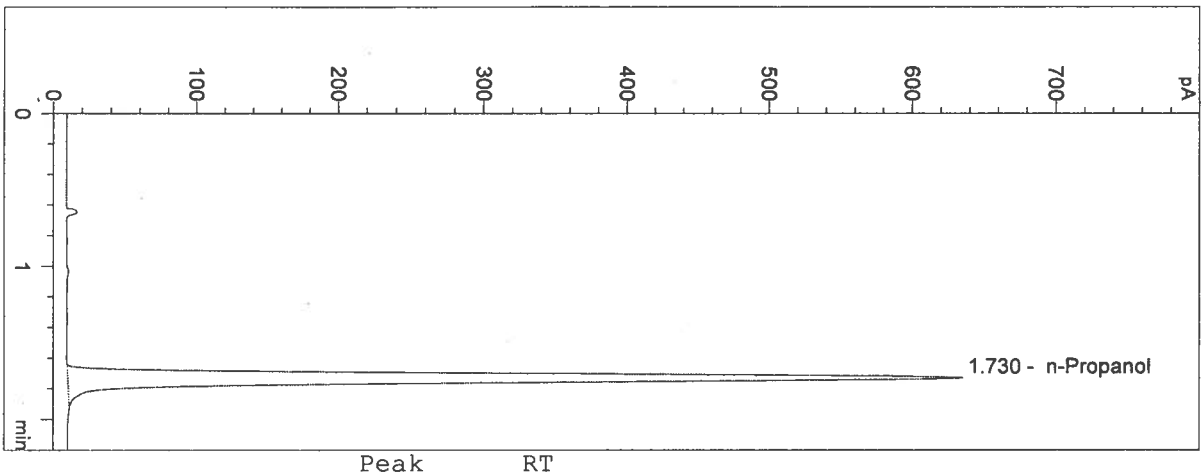


n-Propanol 0.012 g/100mL

RF

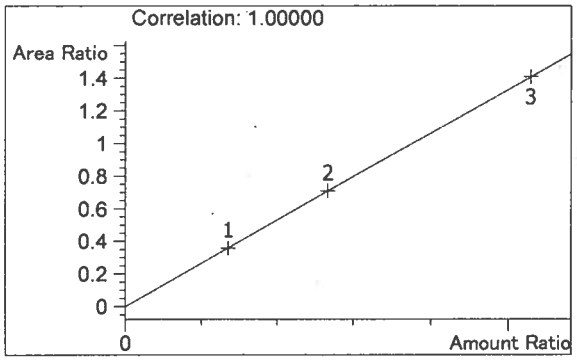
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/4/2014 4:04:35 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:

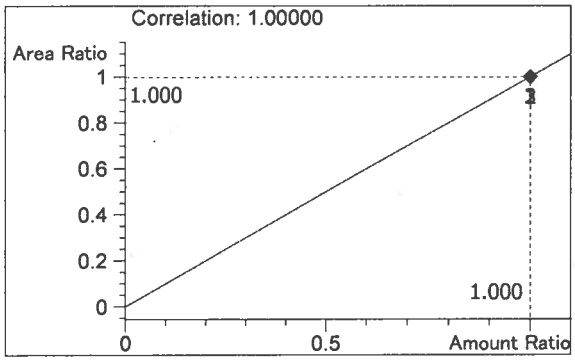


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2488	1.730

14032



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\CHEM32\1\DATA\140804RF\016F1601.D Page 1 of 1

RF

Sequence Parameters:

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

Operator : Justin Knoy

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

Data Subdirectory : 140805JU

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

14032

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	ESS 14032 #1	SIMALC1	1	Sample	

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

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
11	Vial 11	ESS 14032 #2	SIMALC1	1	Sample	
12	Vial 12	ESS 14032 #3	SIMALC1	1	Sample	
13	Vial 13	ESS 14032 #4	SIMALC1	1	Sample	
14	Vial 14	ESS 14032 #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!

14032

Calibration Table

General Calibration Setting

Calib. Data Modified : Tuesday, August 05, 2014 12:15:36 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):

14032

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	869.01044	9.34856e-5	No	No	1	Ethanol
		2	1.59860e-1	1711.19421	9.34201e-5				
		3	3.17330e-1	3383.96533	9.37746e-5				
1.729	1	1	1.20000e-2	2422.99341	4.95255e-6	No	Yes	1	n-Propanol

JK

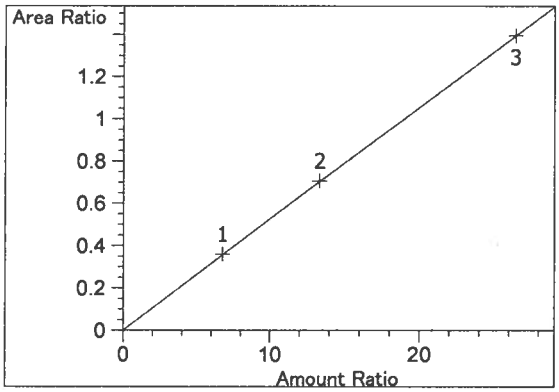
Method C:\CHEM32\1\METHODS\SIMALC1.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	2426.78735	4.94481e-6			
		3	1.20000e-2	2425.32031	4.94780e-6			

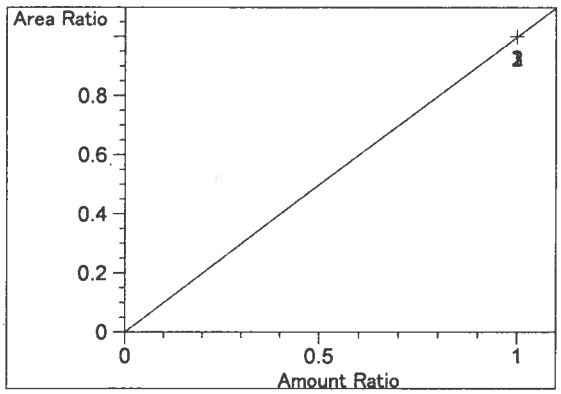
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.053
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00136
Formula: y = mx + b
m: 5.27541e-2
b: 1.02173e-3
x: Amount
y: Area

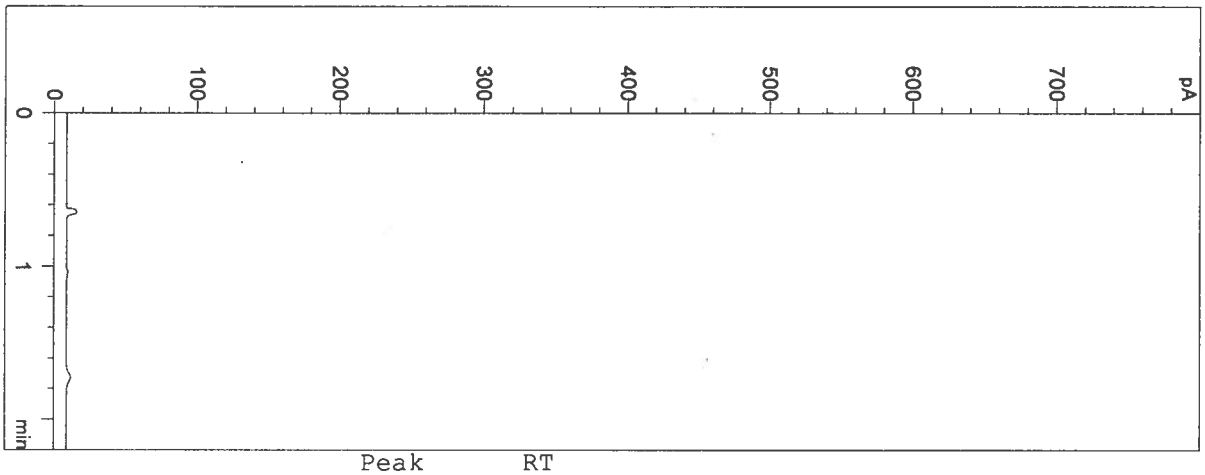


n-Propanol at exp. RT: 1.729
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

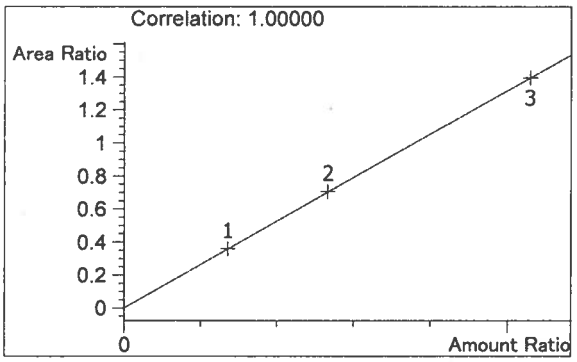
14032

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

Inj. Date: 8/5/2014 12:03:31 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:

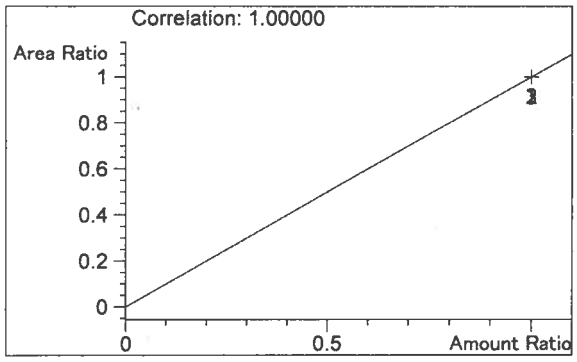


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

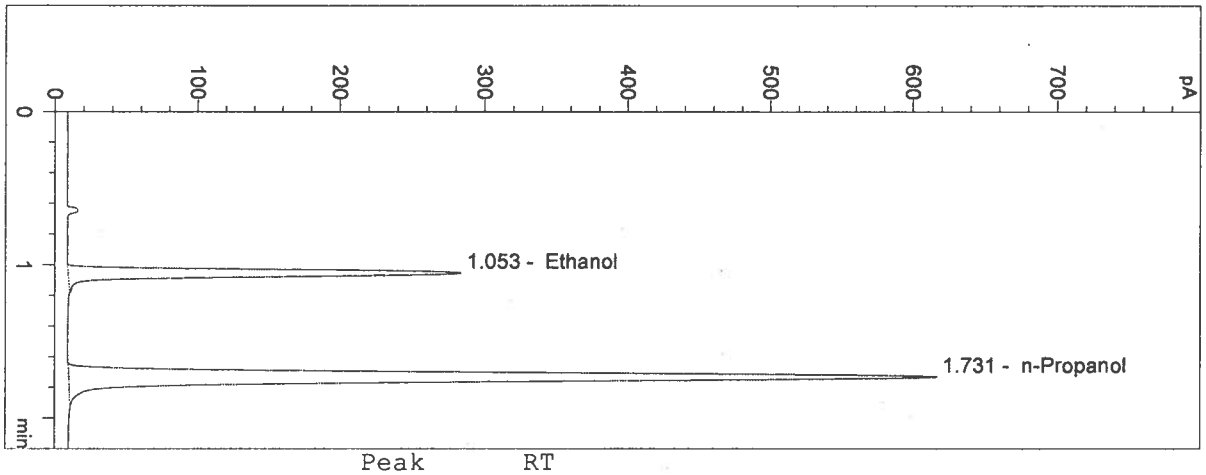
14032



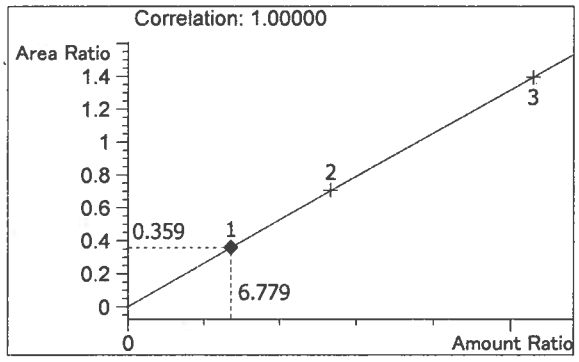
n-Propanol 0.000 g/100mL

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

Inj. Date: 8/5/2014 12:06:48 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:

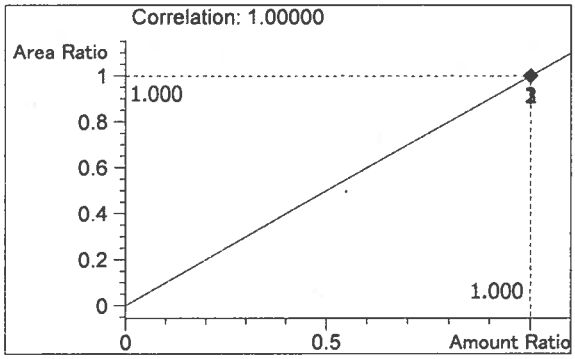


#	Compound	Peak Area	RT (min)
1	Ethanol	869	1.053
2	n-Propanol	2423	1.731



Ethanol 0.081 g/100mL

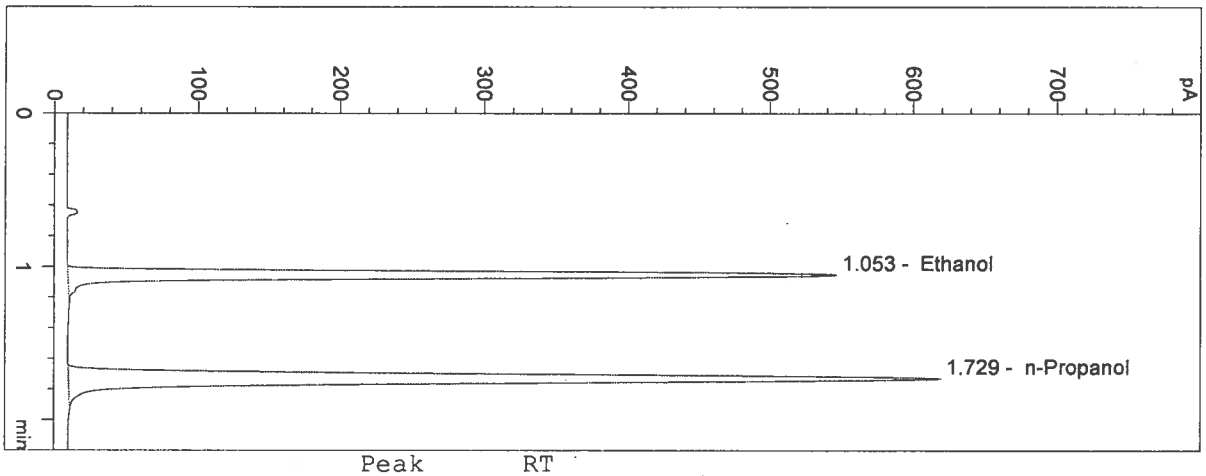
14032



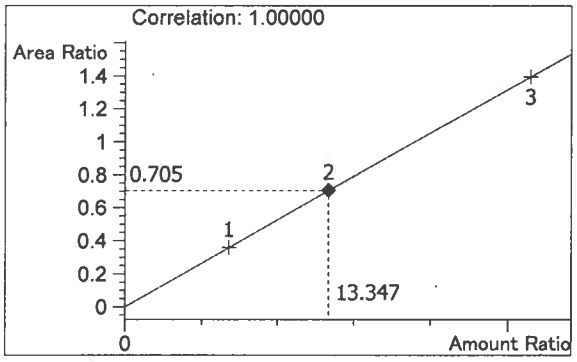
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/5/2014 12:10:06 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:

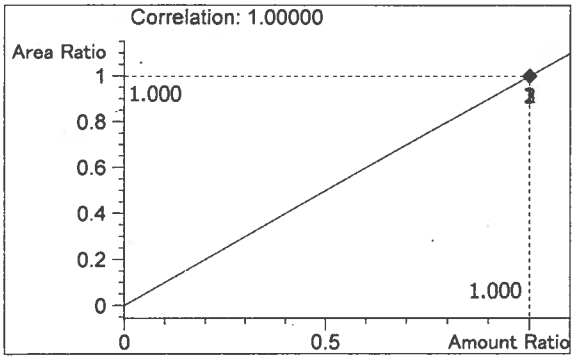


#	Compound	Peak Area	RT (min)
1	Ethanol	1711	1.053
2	n-Propanol	2427	1.729



Ethanol 0.160 g/100mL

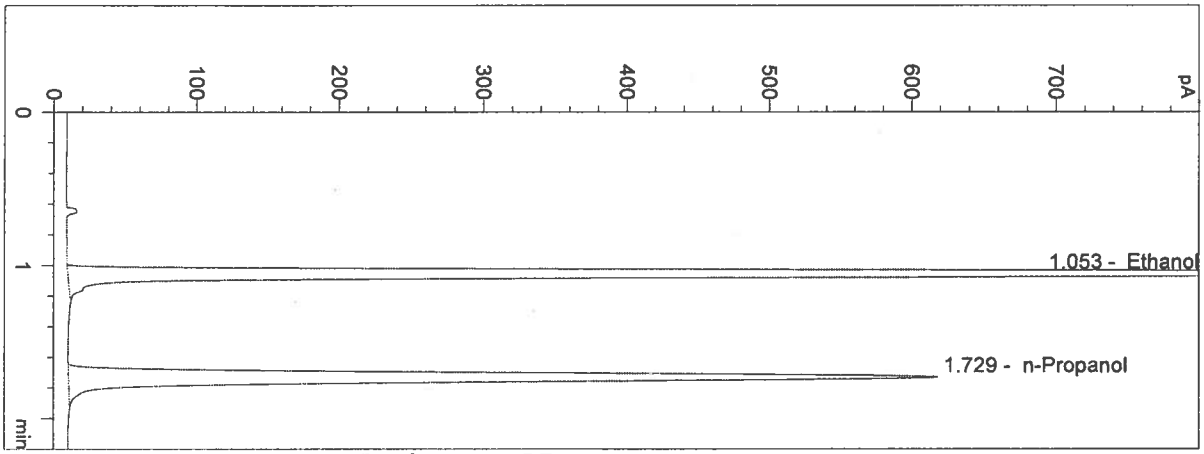
14032



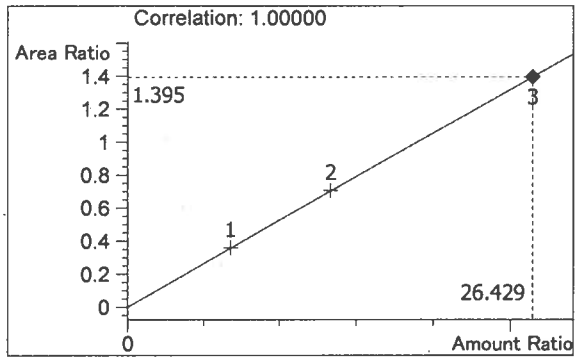
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/5/2014 12:13:23 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:

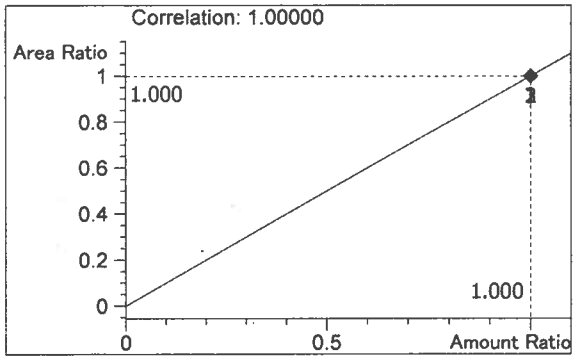


#	Compound	Peak Area	RT (min)
1	Ethanol	3384	1.053
2	n-Propanol	2425	1.729



Ethanol 0.317 g/100mL

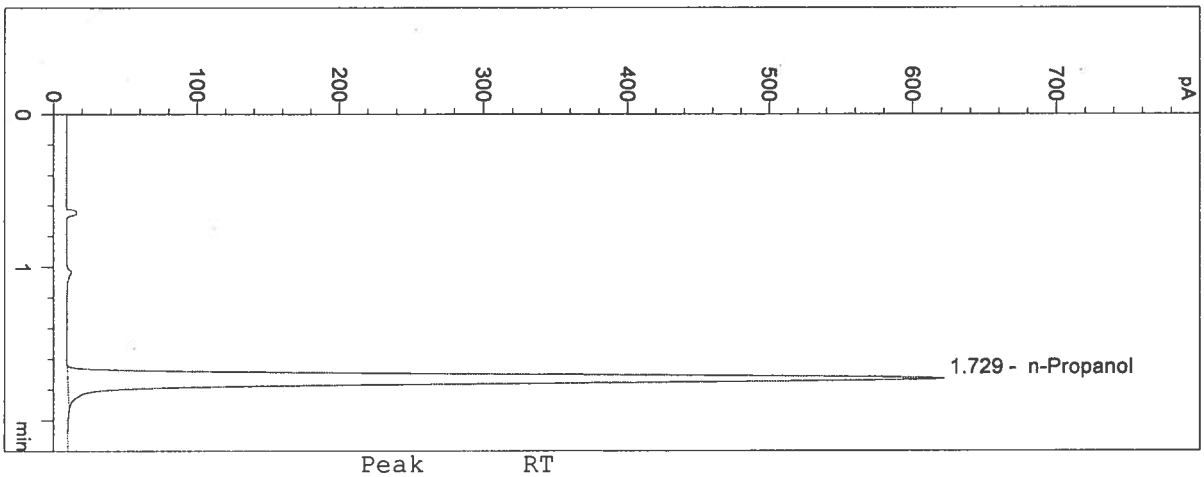
14032



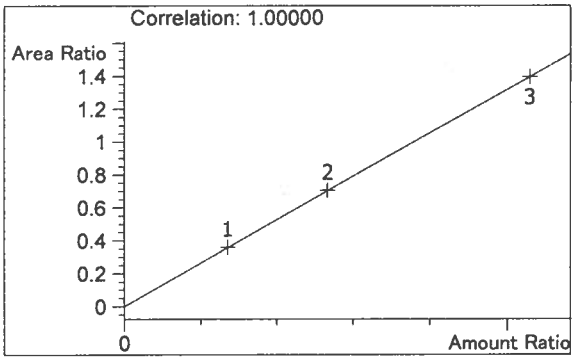
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/5/2014 12:16:37 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:

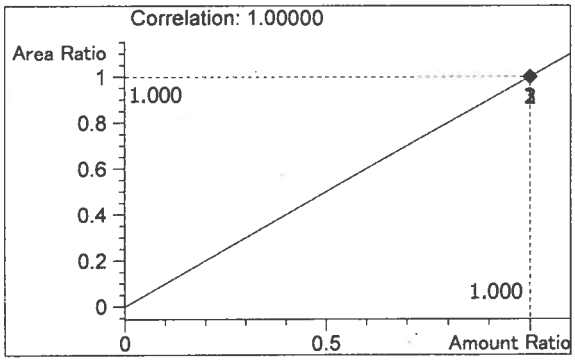


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2455	1.729



Ethanol 0.000 g/100mL

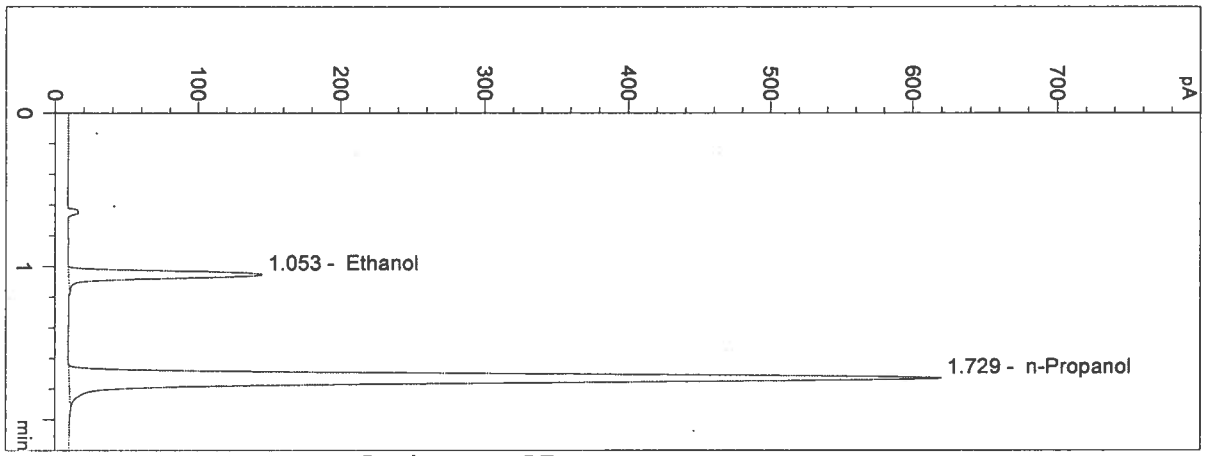
14032



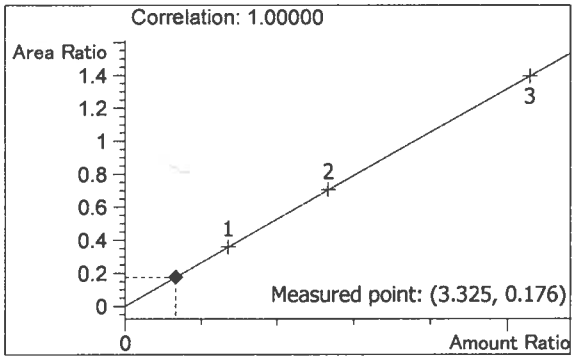
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/5/2014 12:19:51 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:

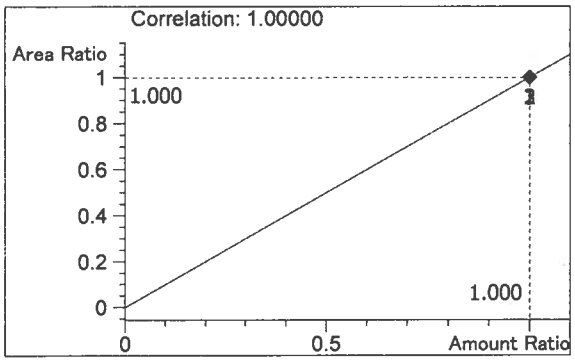


#	Compound	Peak Area	RT (min)
1	Ethanol	430	1.053
2	n-Propanol	2435	1.729



Ethanol 0.040 g/100mL

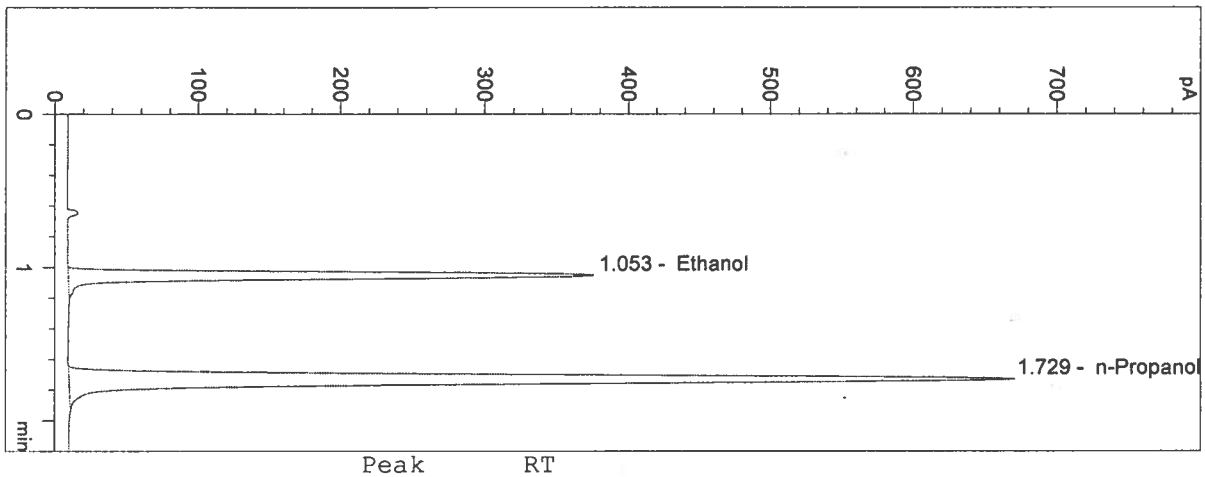
14032



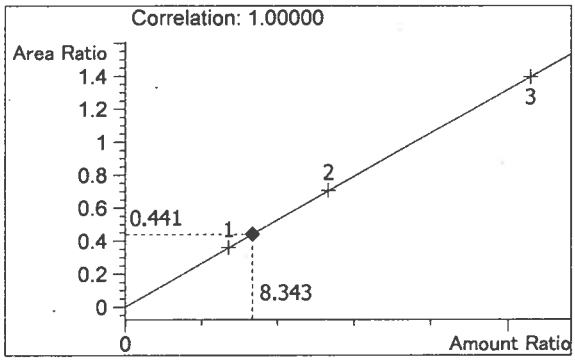
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/5/2014 12:23:03 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:

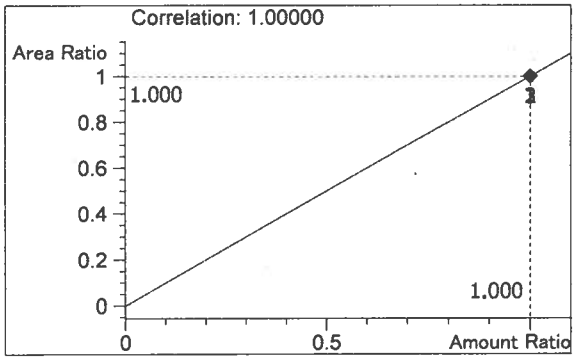


#	Compound	Peak Area	RT (min)
1	Ethanol	1161	1.053
2	n-Propanol	2633	1.729



Ethanol 0.100 g/100mL

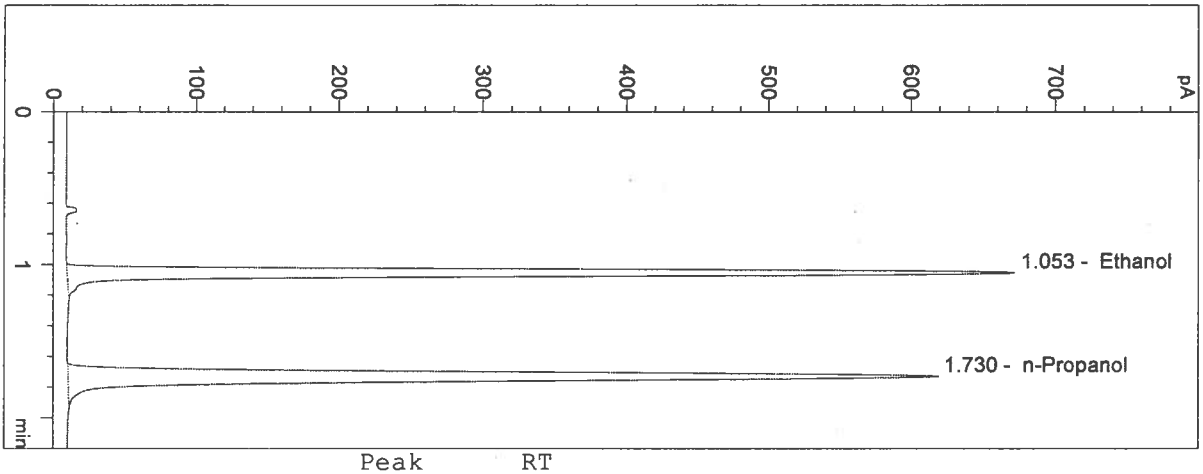
14032



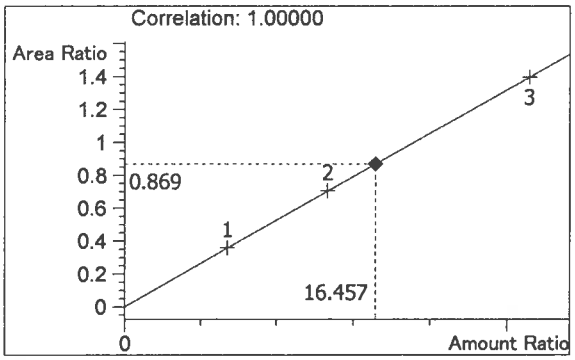
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/5/2014 12:26:15 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:

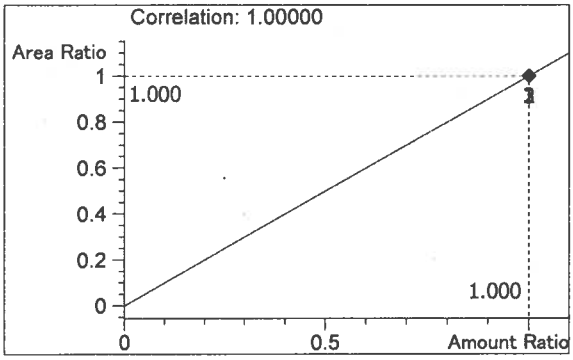


#	Compound	Peak Area	RT (min)
1	Ethanol	2114	1.053
2	n-Propanol	2432	1.730



Ethanol 0.197 g/100mL

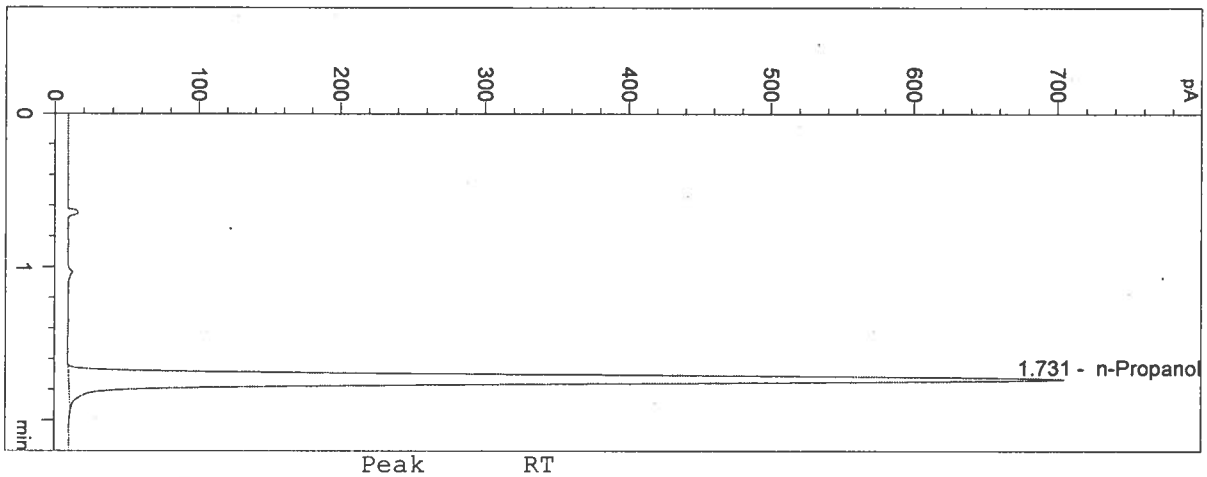
14032



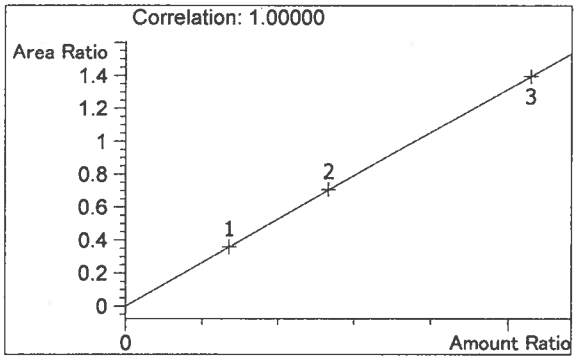
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/5/2014 12:29:29 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:

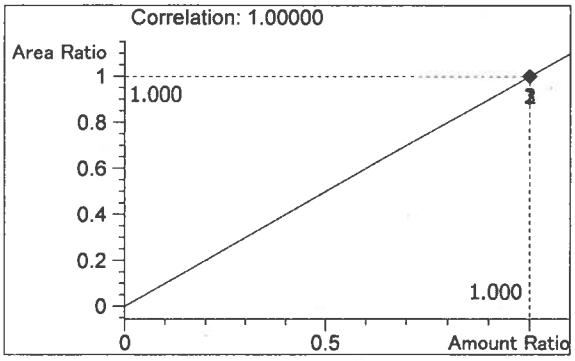


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2765	1.731



Ethanol 0.000 g/100mL

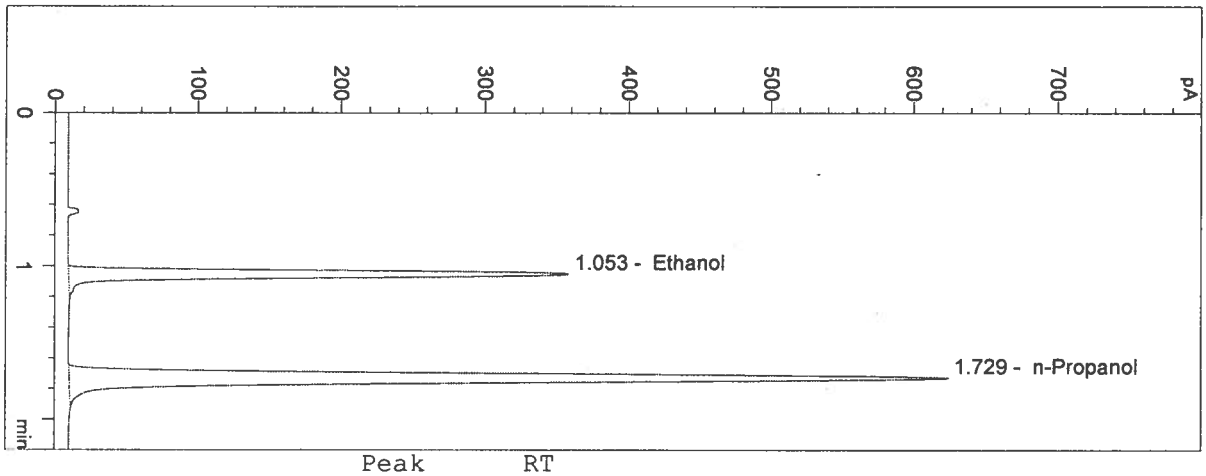
14032



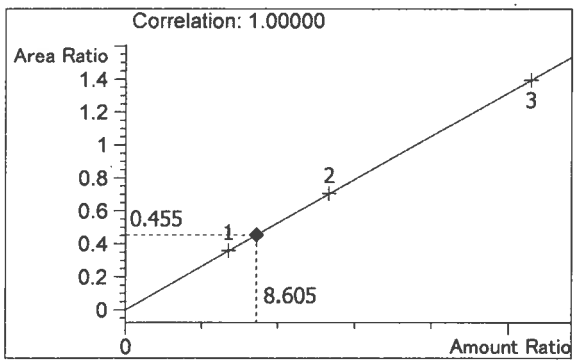
n-Propanol 0.012 g/100mL

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

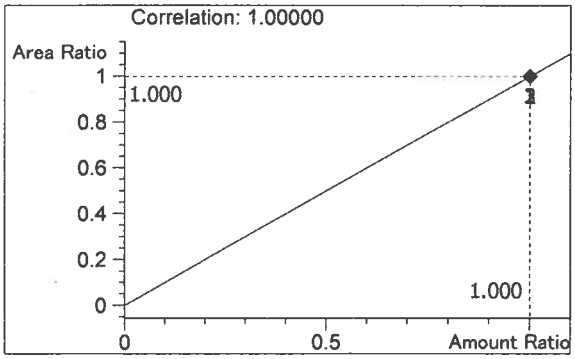
Inj. Date: 8/5/2014 12:32:43 PM Sample Name: ESS 14032 #1
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 10
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1117	1.053
2	n-Propanol	2456	1.729



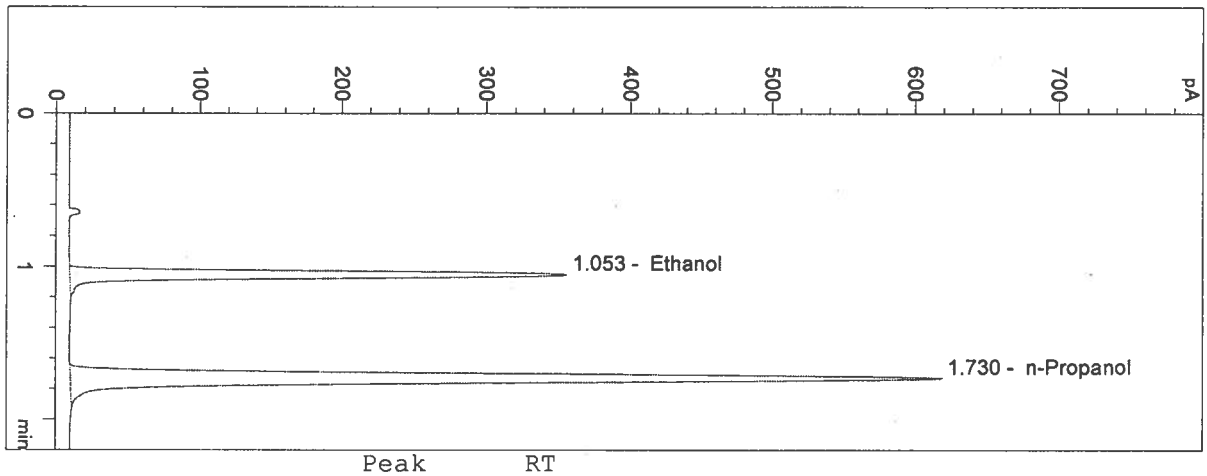
Ethanol 0.103 g/100mL



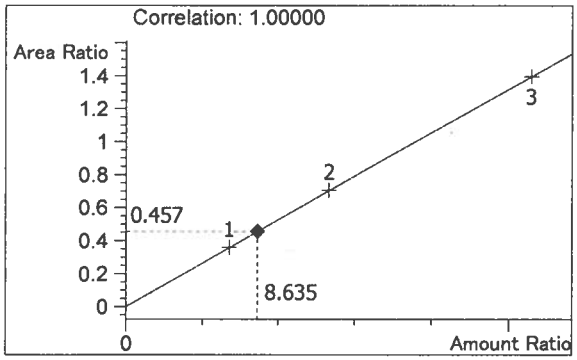
n-Propanol 0.012 g/100mL

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

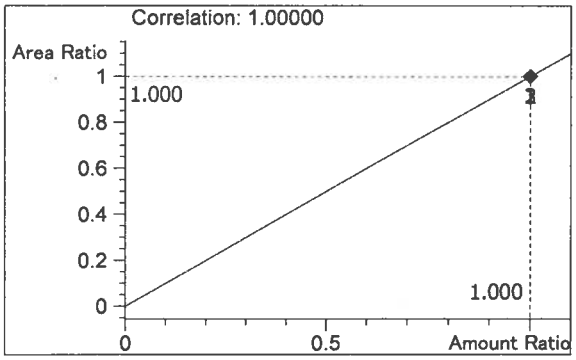
Inj. Date: 8/5/2014 12:35:56 PM Sample Name: ESS 14032 #2
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 11
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1113	1.053
2	n-Propanol	2438	1.730



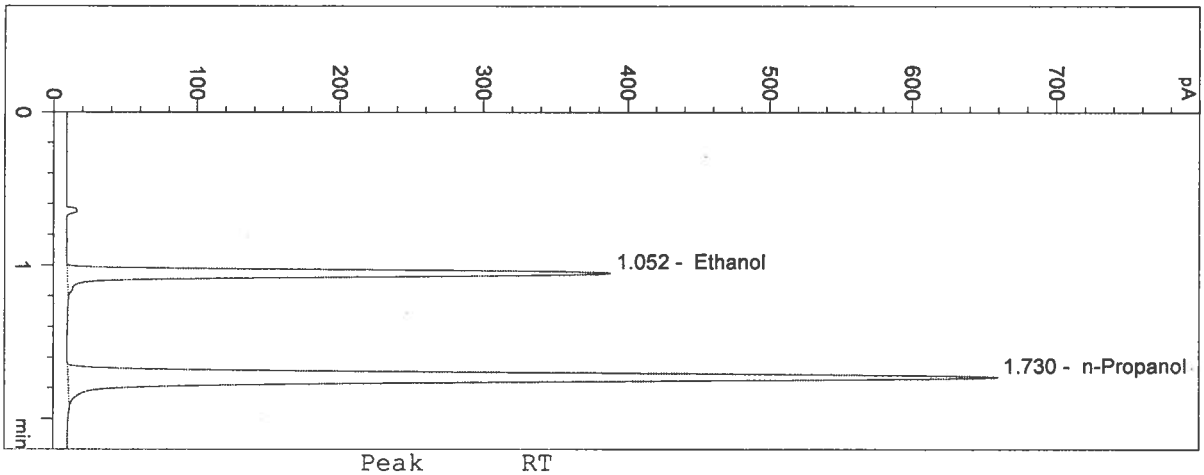
Ethanol 0.104 g/100mL



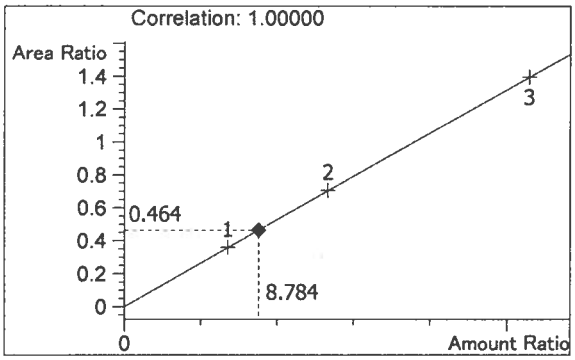
n-Propanol 0.012 g/100mL

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

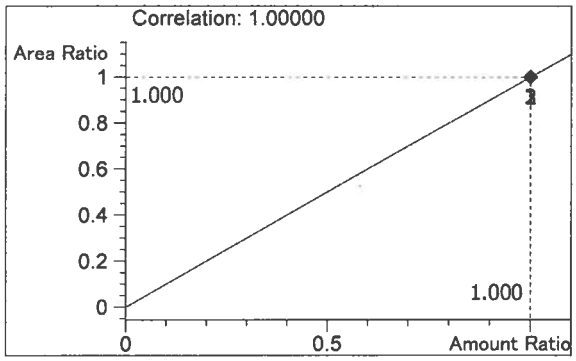
Inj. Date: 8/5/2014 12:39:11 PM Sample Name: ESS 14032 #3
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 12
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1202	1.052
2	n-Propanol	2588	1.730



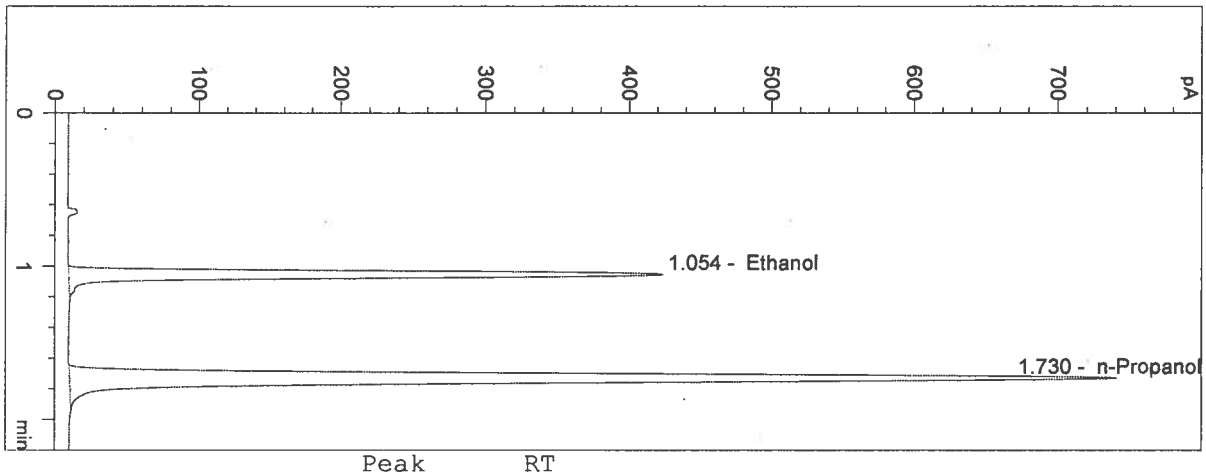
Ethanol 0.105 g/100mL



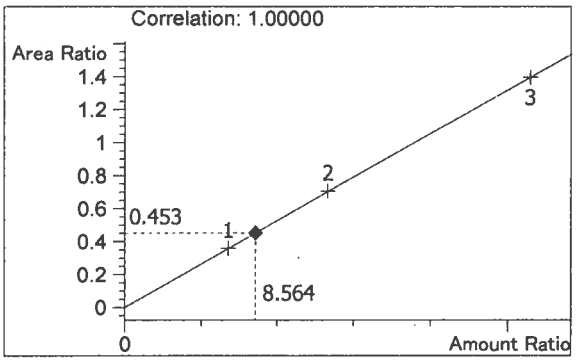
n-Propanol 0.012 g/100mL

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

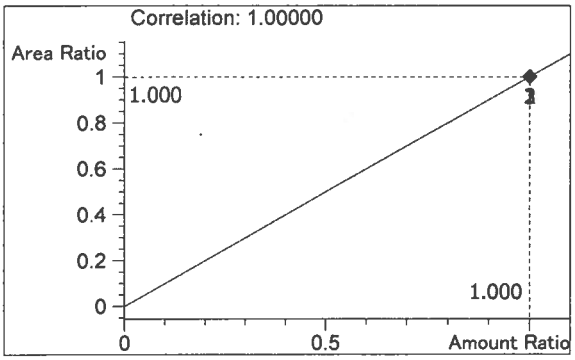
Inj. Date: 8/5/2014 12:42:23 PM Sample Name: ESS 14032 #4
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 13
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1317	1.054
2	n-Propanol	2909	1.730



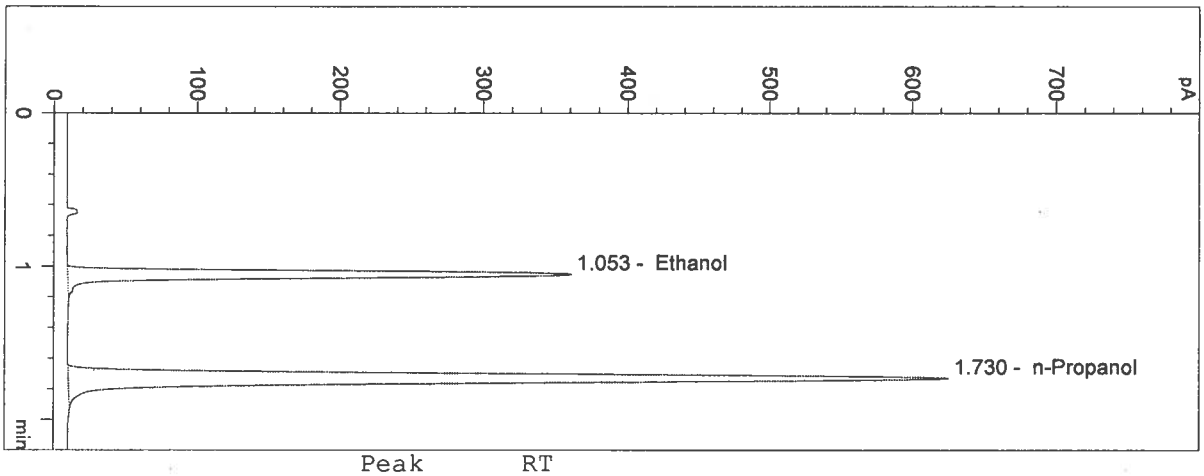
Ethanol 0.103 g/100mL



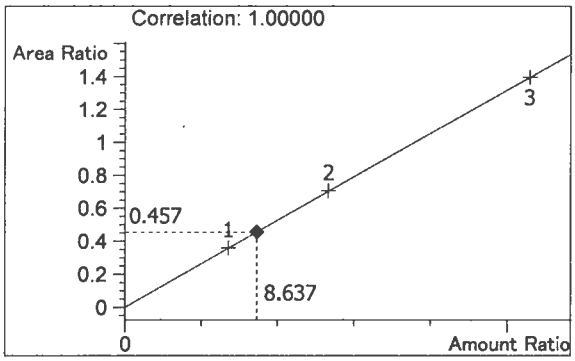
n-Propanol 0.012 g/100mL

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

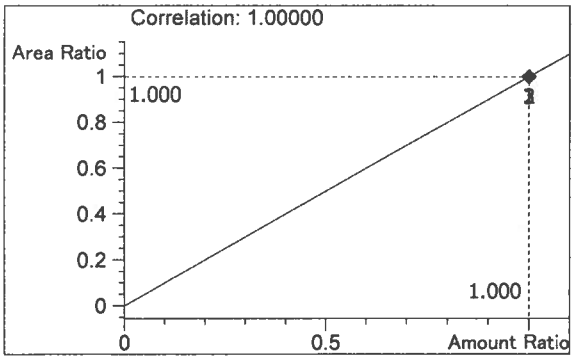
Inj. Date: 8/5/2014 12:45:37 PM Sample Name: ESS 14032 #5
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 14
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1123	1.053
2	n-Propanol	2460	1.730



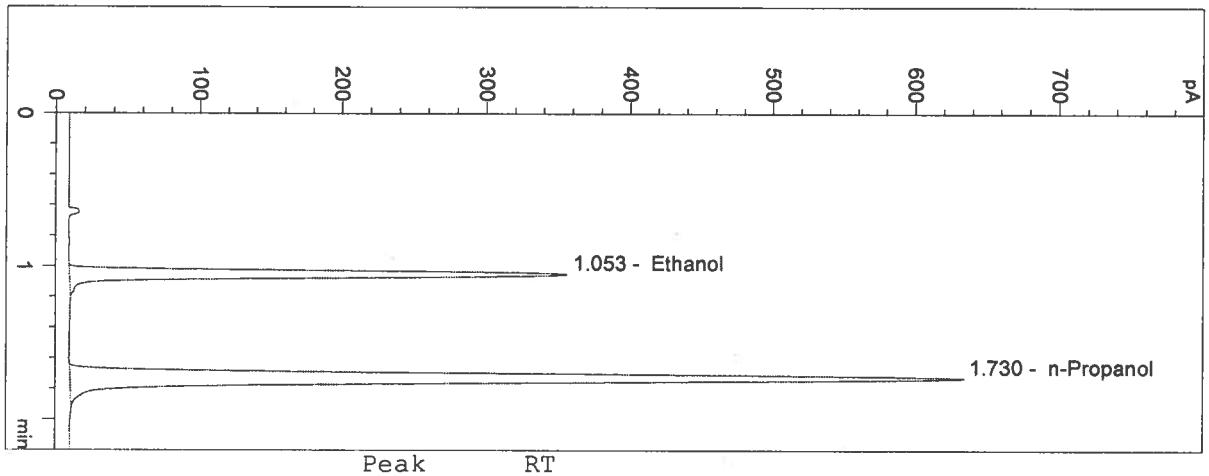
Ethanol 0.104 g/100mL



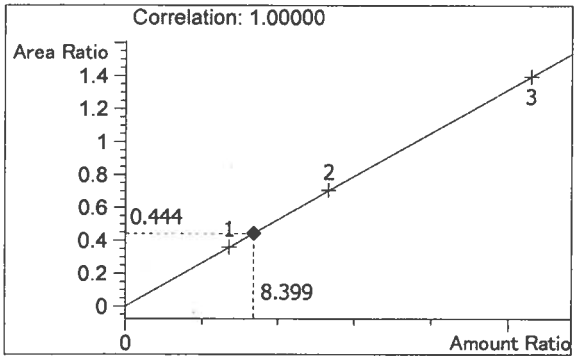
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/5/2014 12:48:50 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:

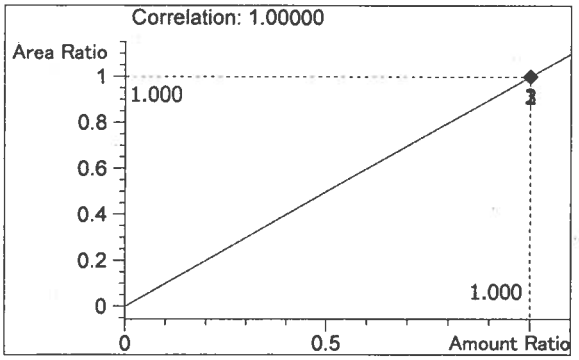


#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.053
2	n-Propanol	2490	1.730



Ethanol 0.101 g/100mL

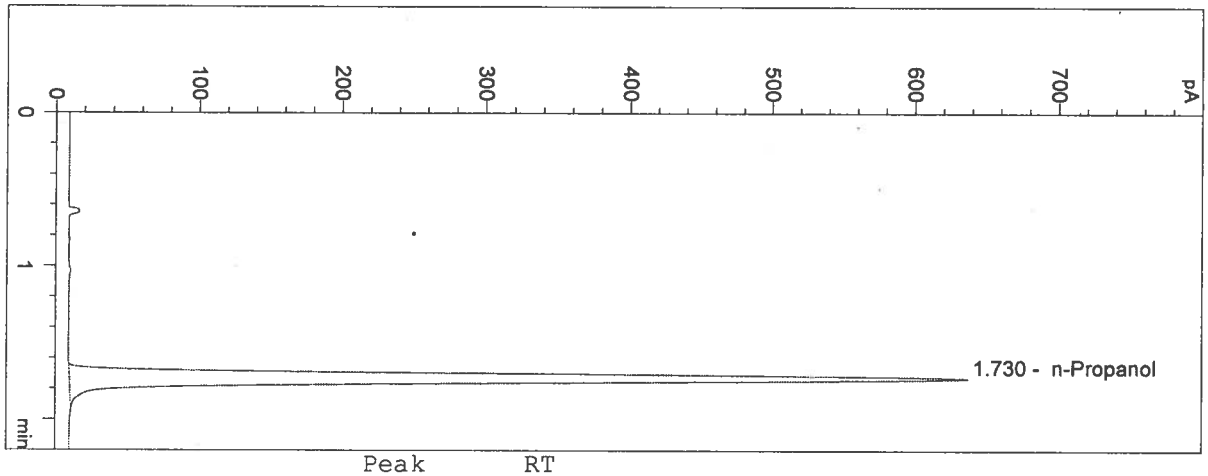
14032



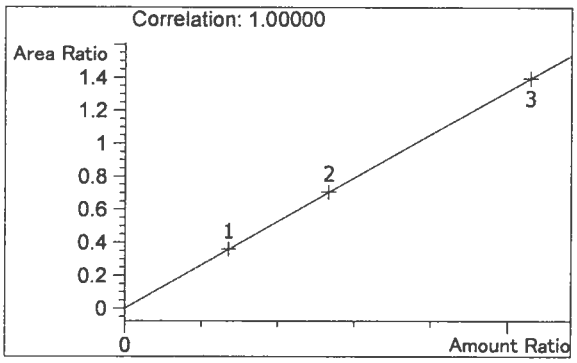
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/5/2014 12:52:04 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:

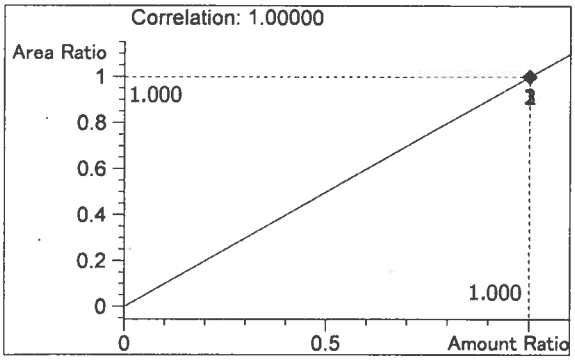


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2498	1.730



Ethanol 0.000 g/100mL

14032



n-Propanol 0.012 g/100mL

Sequence Parameters:

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

Operator : Andrew Gingras

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

Data Subdirectory : 140806AG

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

14032

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\AGESS.S

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
10	Vial 10	ESS 14032 #1	SIMALC1	1	Sample	
11	Vial 11	ESS 14032 #2	SIMALC1	1	Sample	
12	Vial 12	ESS 14032 #3	SIMALC1	1	Sample	
13	Vial 13	ESS 14032 #4	SIMALC1	1	Sample	
14	Vial 14	ESS 14032 #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!

14032

Calibration Table

General Calibration Setting

Calib. Data Modified : Wednesday, August 06, 2014 11:56:07 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

14032

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	869.09375	9.34767e-5	No	No	1	Ethanol
		2	1.59860e-1	1717.00916	9.31038e-5				
		3	3.17330e-1	3417.01855	9.28675e-5				
1.730	1	1	1.20000e-2	2418.48071	4.96179e-6	No	Yes	1	n-Propanol

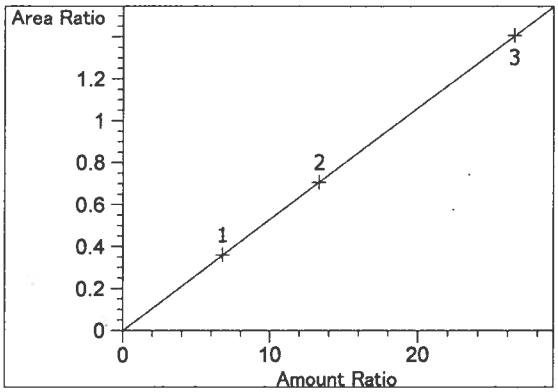
Method C:\CHEM32\1\METHODS\SIMALC1.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	2431.92944	4.93435e-6			
		3	1.20000e-2	2429.49878	4.93929e-6			

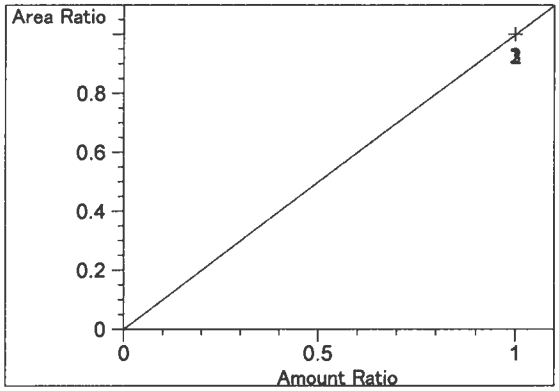
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.053
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00145
Formula: y = mx + b
m: 5.31845e-2
b: -7.82682e-4
x: Amount
y: Area

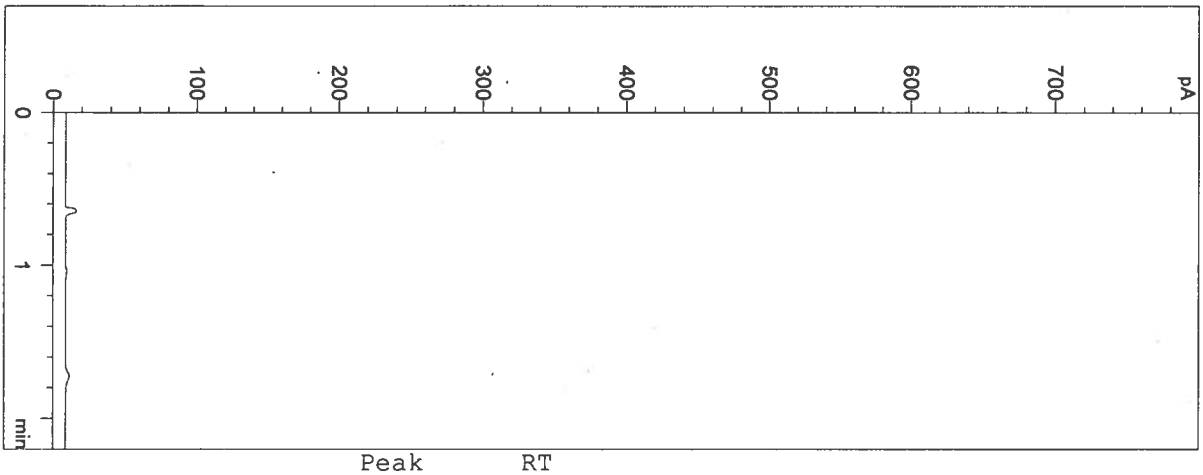


n-Propanol at exp. RT: 1.730
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

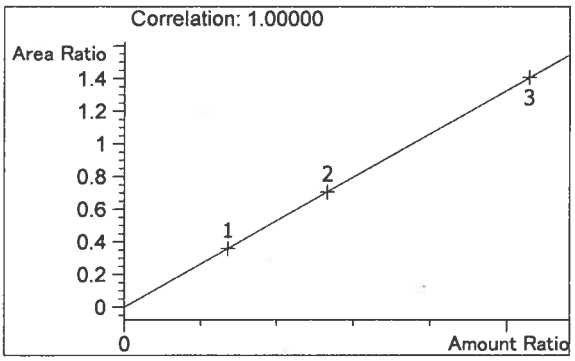
14032

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

Inj. Date: 8/6/2014 11:44:02 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:

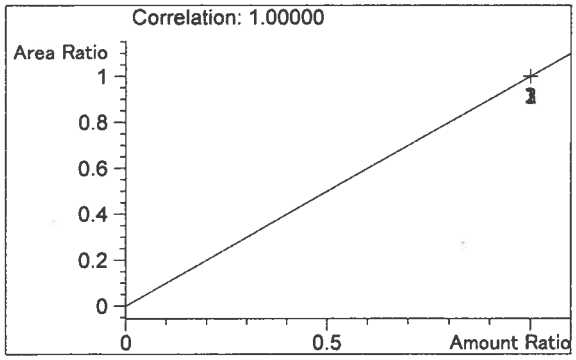


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14032

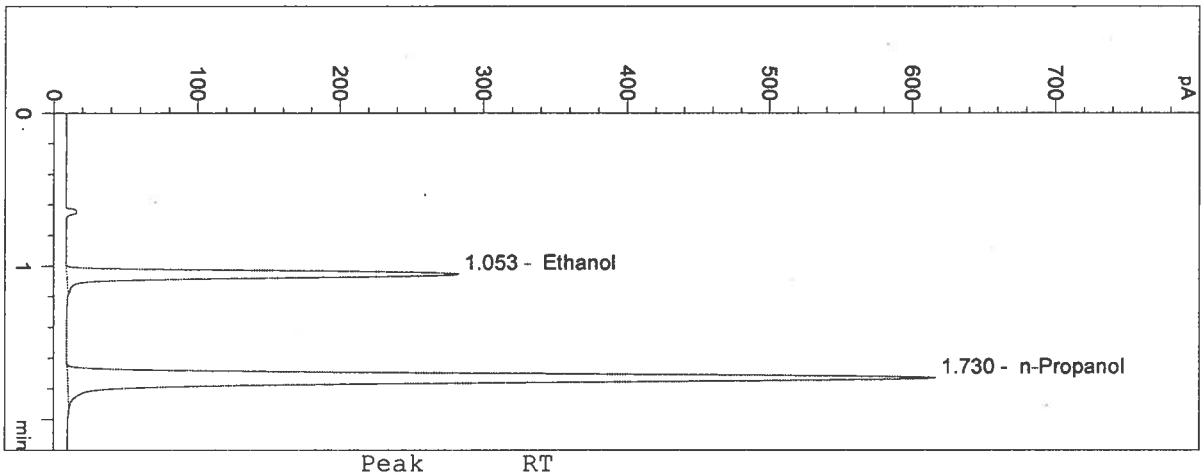


n-Propanol 0.000 g/100mL

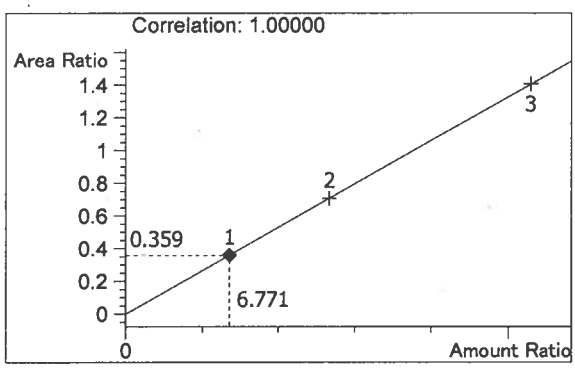
AG

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

Inj. Date: 8/6/2014 11:47:19 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:

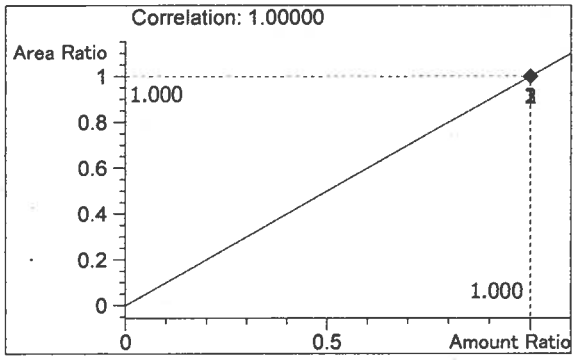


#	Compound	Peak Area	RT (min)
1	Ethanol	869	1.053
2	n-Propanol	2418	1.730



Ethanol 0.081 g/100mL

14032

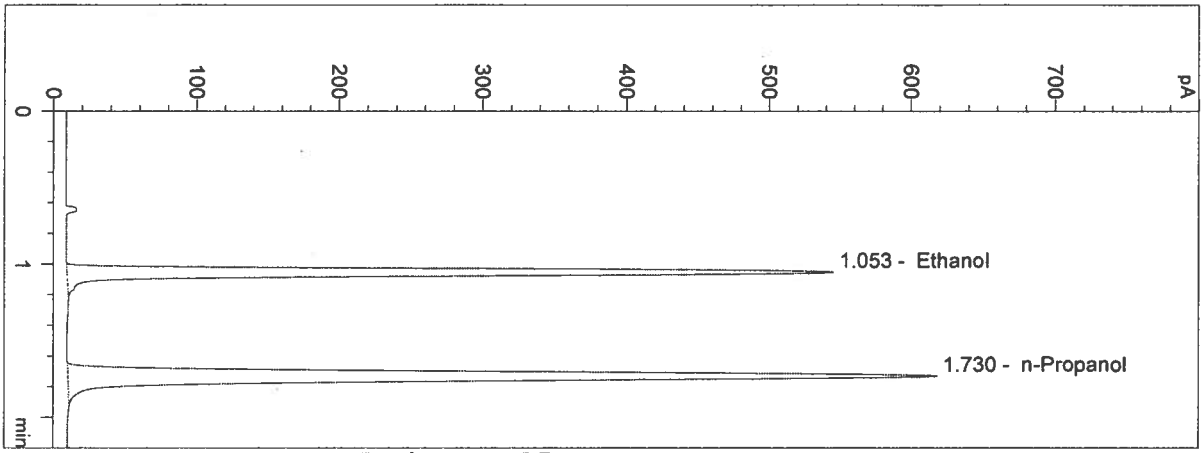


n-Propanol 0.012 g/100mL

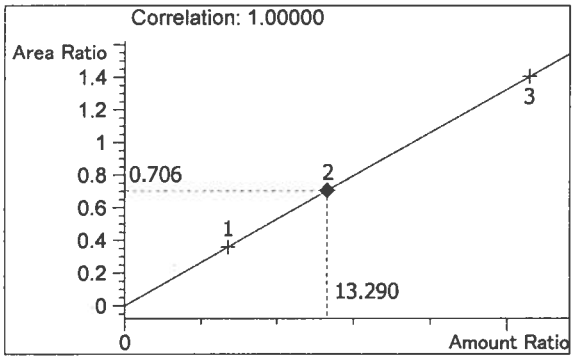
Data File: C:\CHEM32\1\DATA\140806AG\002F0201.D Page 1 of 1

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

Inj. Date: 8/6/2014 11:50:36 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:

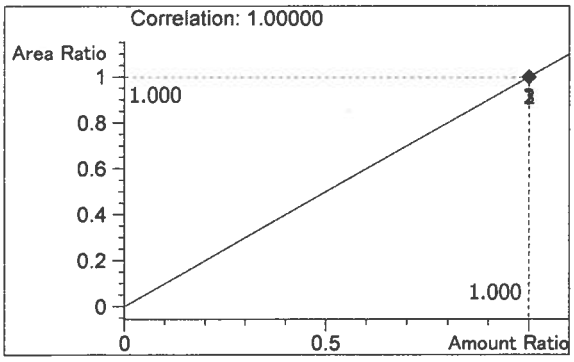


#	Compound	Peak Area	RT (min)
1	Ethanol	1717	1.053
2	n-Propanol	2432	1.730



Ethanol 0.159 g/100mL

14032

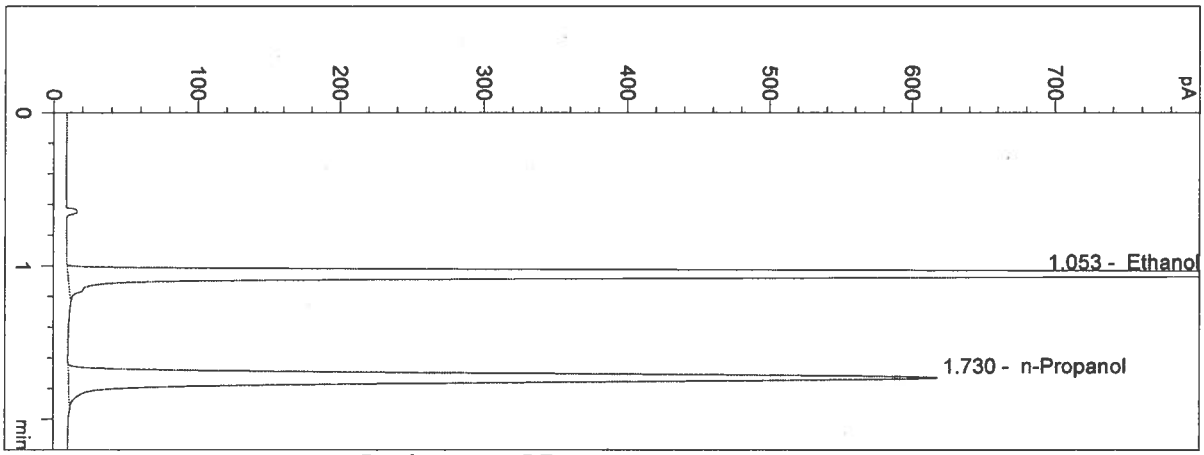


n-Propanol 0.012 g/100mL

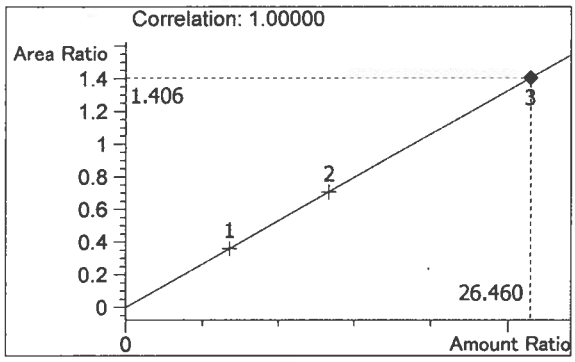
Data File: C:\CHEM32\1\DATA\140806AG\003F0301.D Page 1 of 1

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

Inj. Date: 8/6/2014 11:53:55 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:

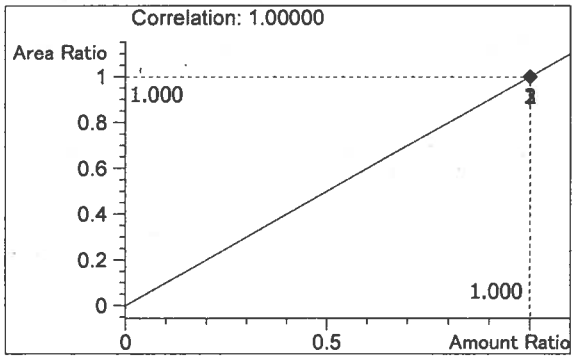


#	Compound	Peak Area	RT (min)
1	Ethanol	3417	1.053
2	n-Propanol	2429	1.730



Ethanol 0.318 g/100mL

14032

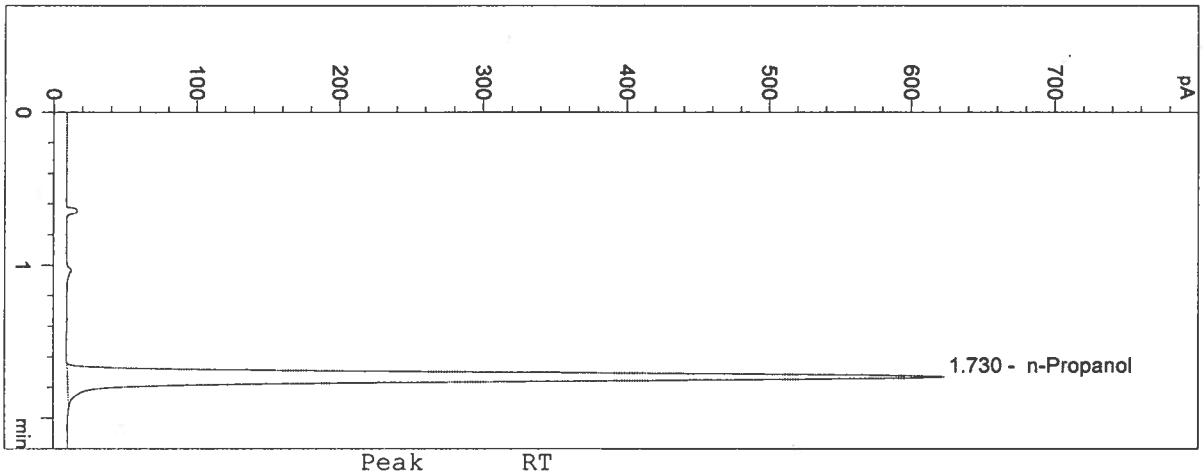


n-Propanol 0.012 g/100mL

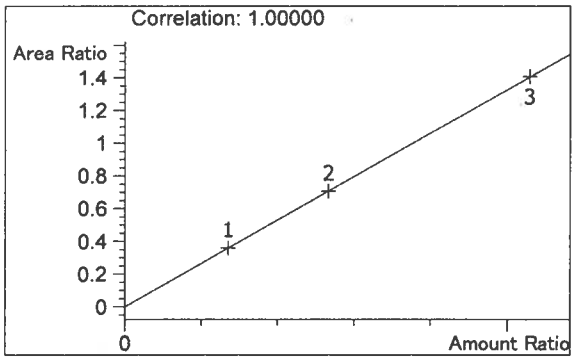
Data File: C:\CHEM32\1\DATA\140806AG\004F0401.D Page 1 of 1

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

Inj. Date: 8/6/2014 11:57:08 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:

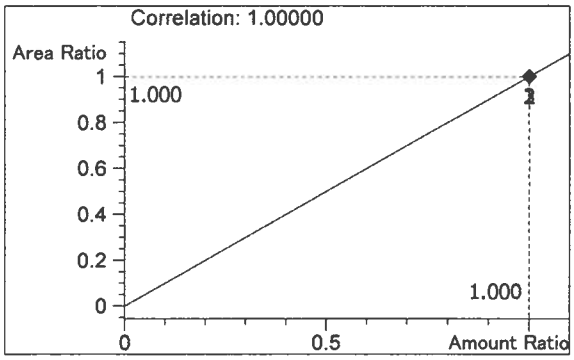


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2453	1.730



Ethanol 0.000 g/100mL

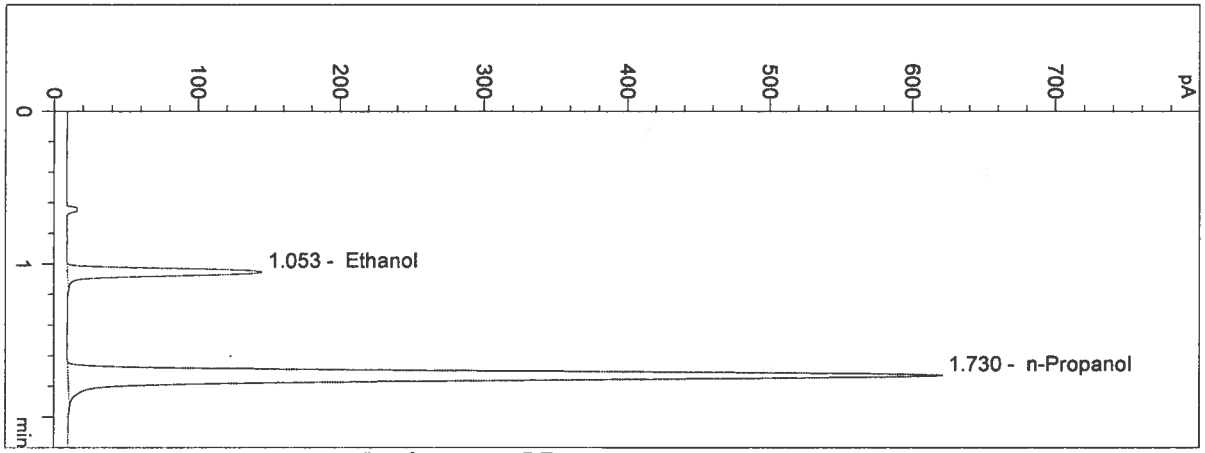
14032



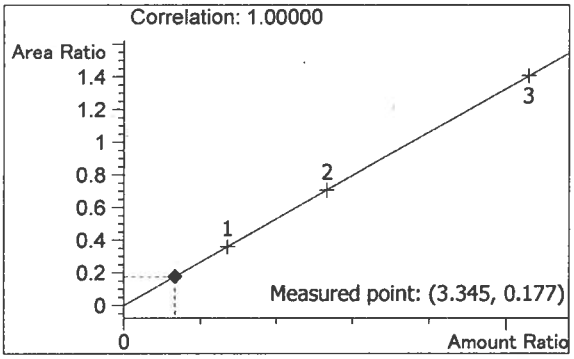
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/6/2014 12:00:23 PM 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:

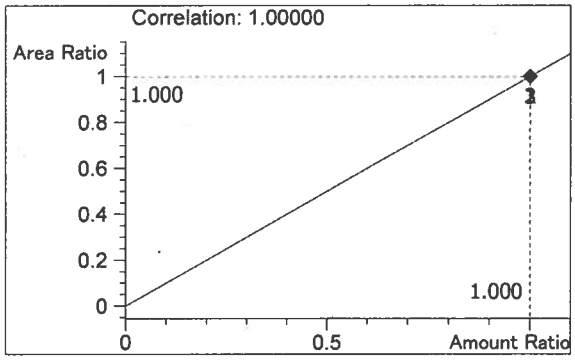


#	Compound	Peak Area	RT (min)
1	Ethanol	435	1.053
2	n-Propanol	2453	1.730



Ethanol 0.040 g/100mL

14032

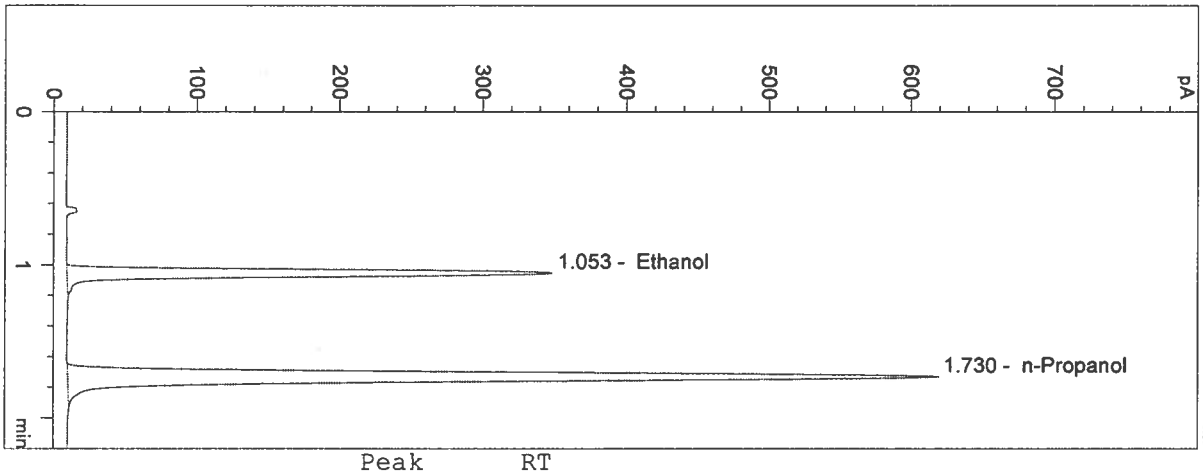


n-Propanol 0.012 g/100mL

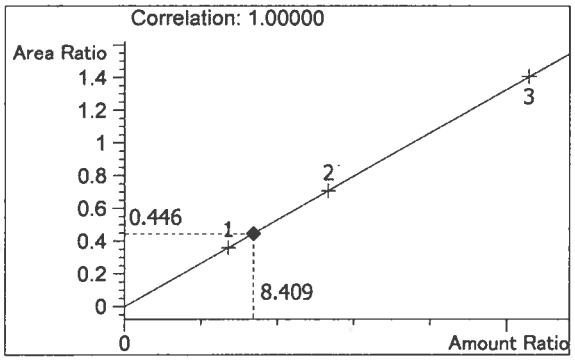
Data File: C:\CHEM32\1\DATA\140806AG\006F0601.D Page 1 of 1

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

Inj. Date: 8/6/2014 12:03:33 PM 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:

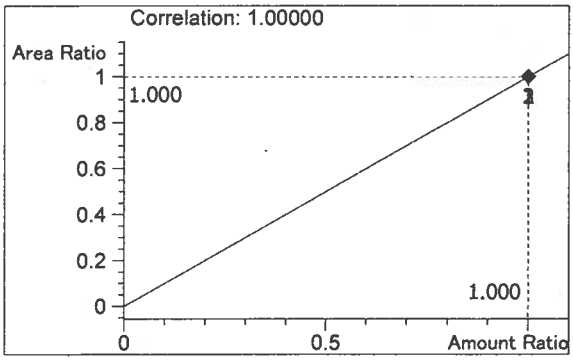


#	Compound	Peak Area	RT (min)
1	Ethanol	1088	1.053
2	n-Propanol	2437	1.730



Ethanol 0.101 g/100mL

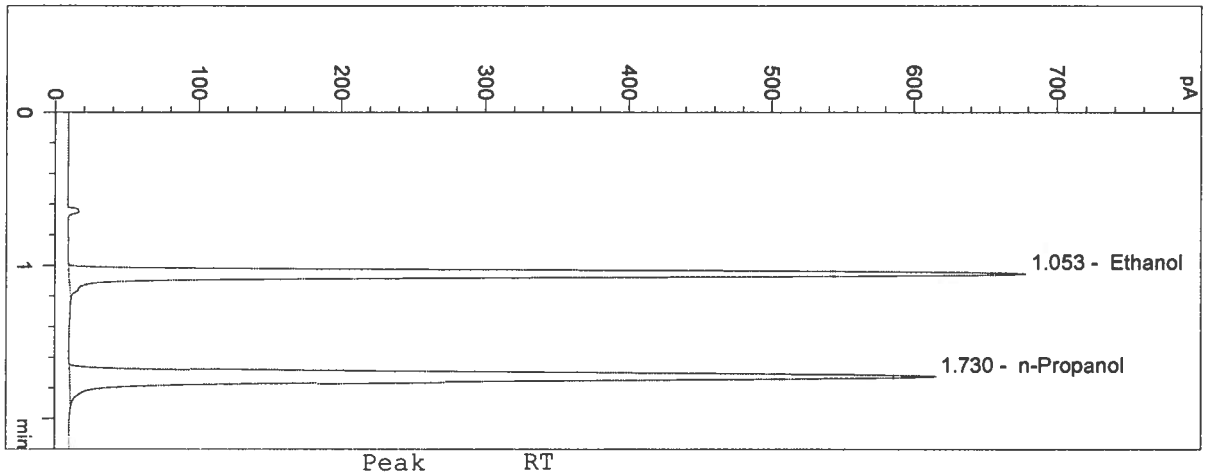
14032



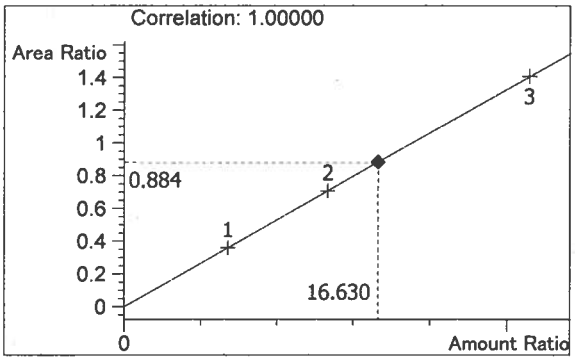
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/6/2014 12:06:47 PM 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:

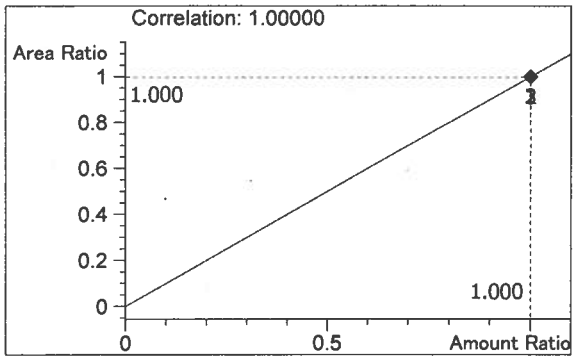


#	Compound	Peak Area	RT (min)
1	Ethanol	2136	1.053
2	n-Propanol	2417	1.730



Ethanol 0.200 g/100mL

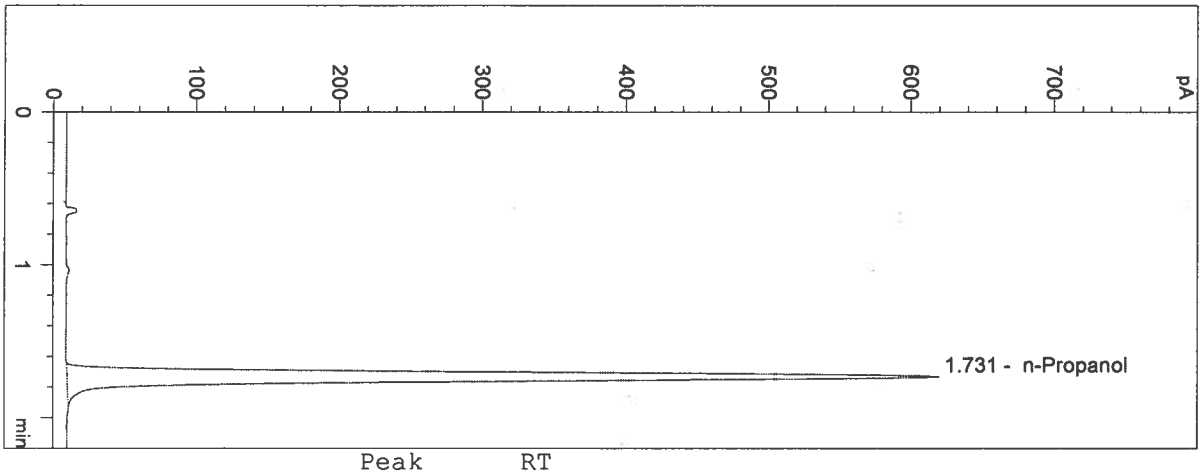
14032



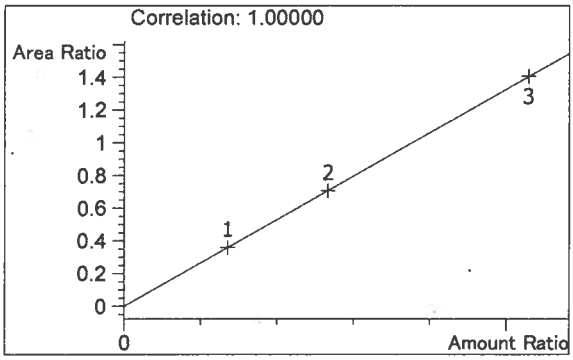
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/6/2014 12:10:00 PM 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:

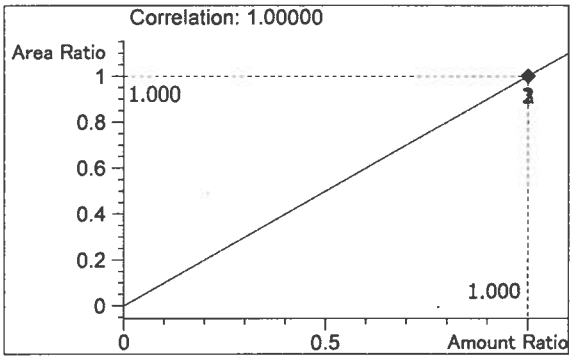


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2438	1.731



Ethanol 0.000 g/100mL

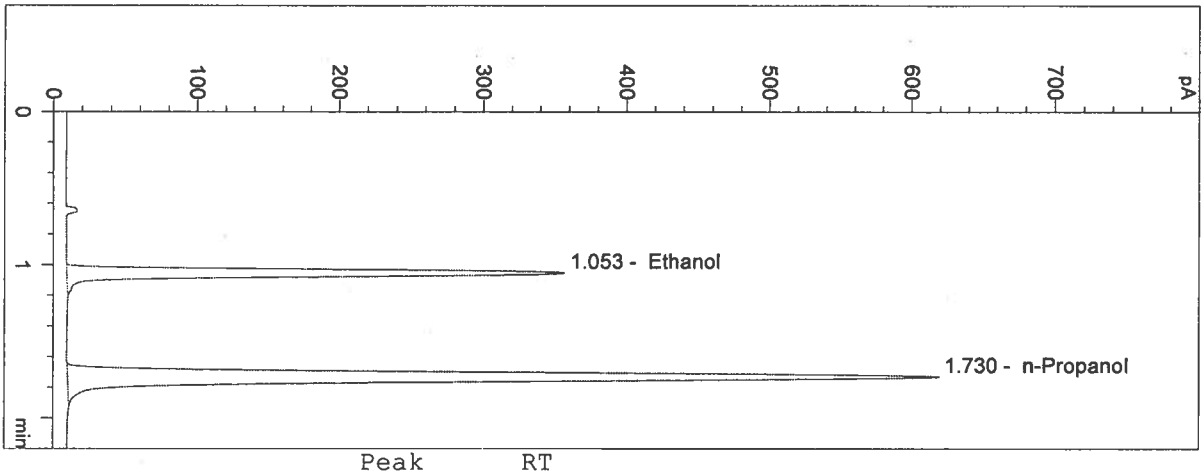
14032



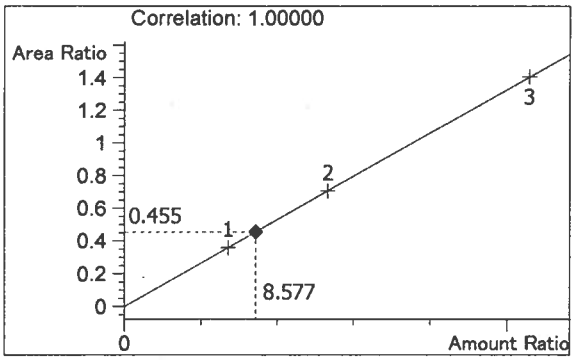
n-Propanol 0.012 g/100mL

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

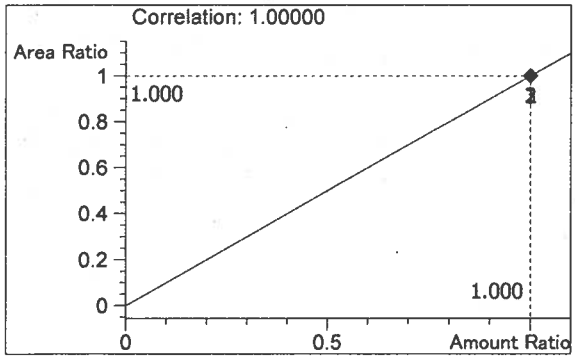
Inj. Date: 8/6/2014 12:13:14 PM Sample Name: ESS 14032 #1
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 10
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.053
2	n-Propanol	2432	1.730



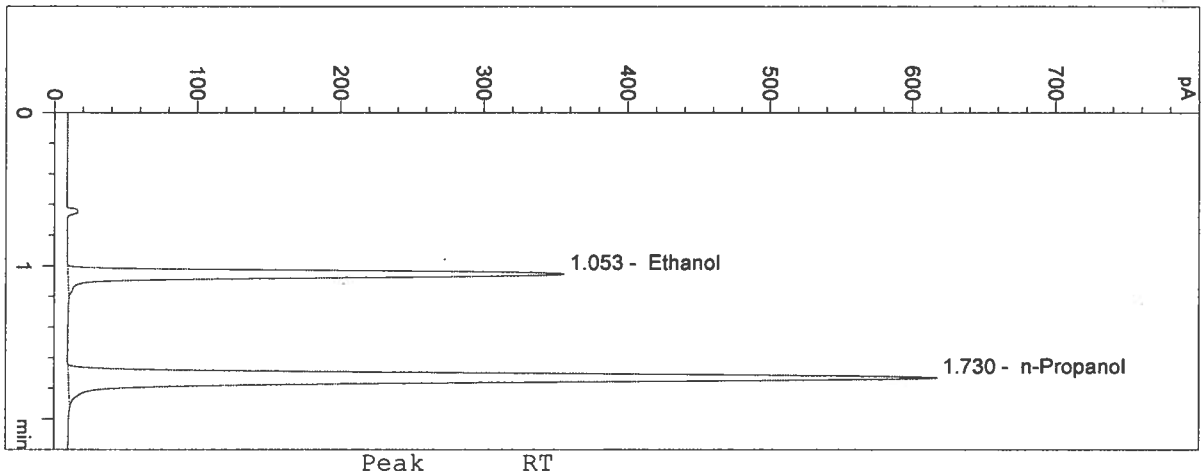
Ethanol 0.103 g/100mL



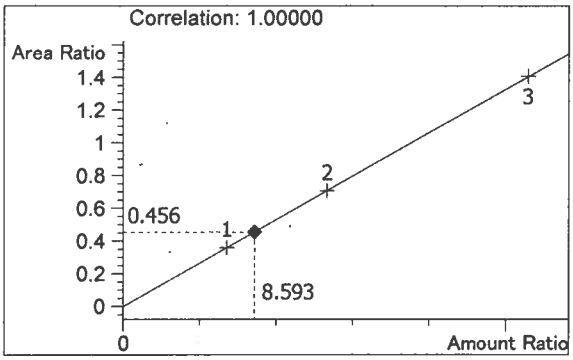
n-Propanol 0.012 g/100mL

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

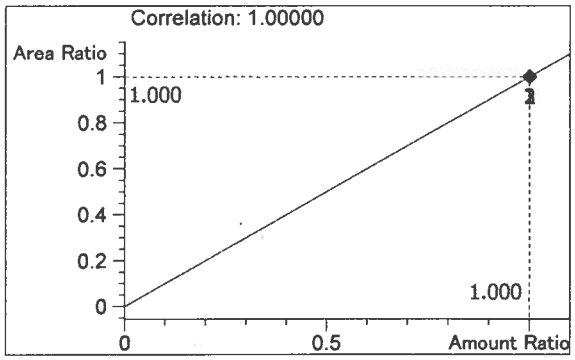
Inj. Date: 8/6/2014 12:16:27 PM Sample Name: ESS 14032 #2
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 11
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1107	1.053
2	n-Propanol	2426	1.730



Ethanol 0.103 g/100mL

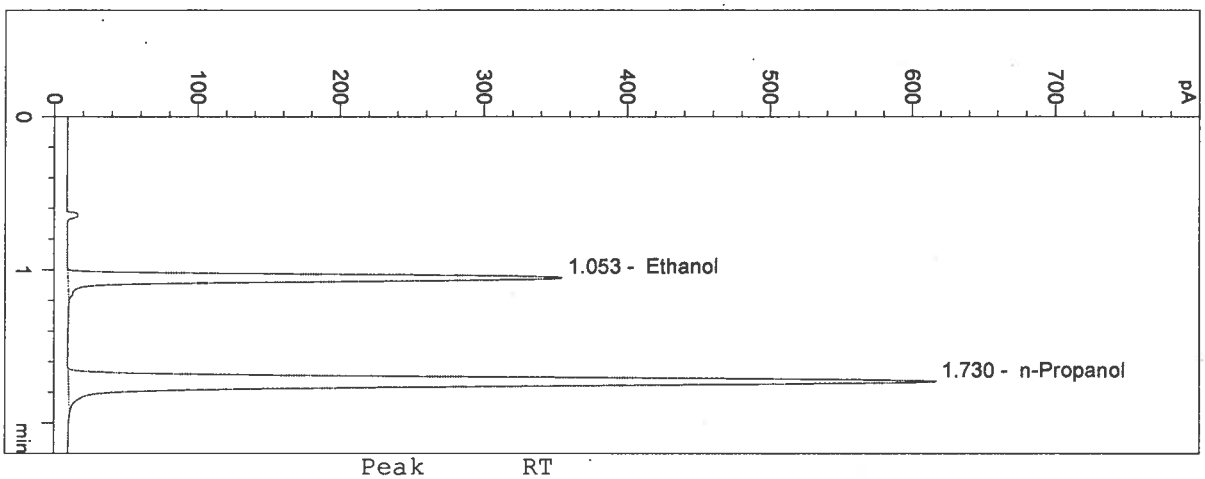


n-Propanol 0.012 g/100mL

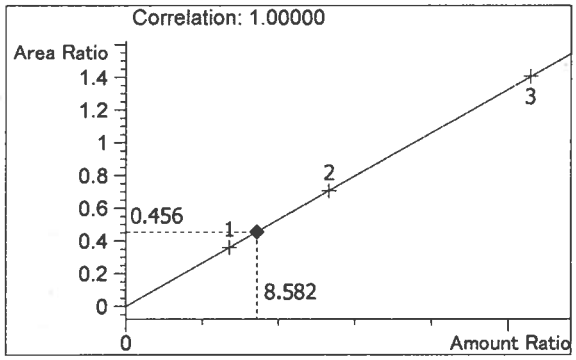
Data File: C:\CHEM32\1\DATA\140806AG\011F1101.D

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

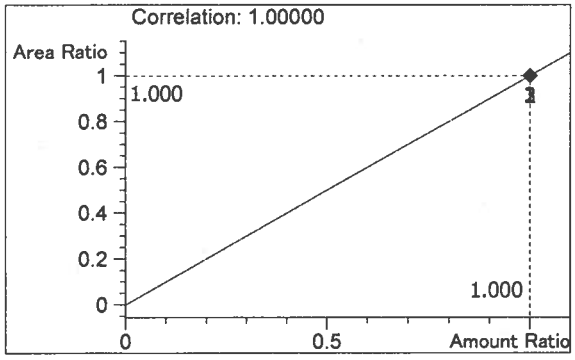
Inj. Date: 8/6/2014 12:19:40 PM Sample Name: ESS 14032 #3
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 12
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.053
2	n-Propanol	2426	1.730



Ethanol 0.103 g/100mL

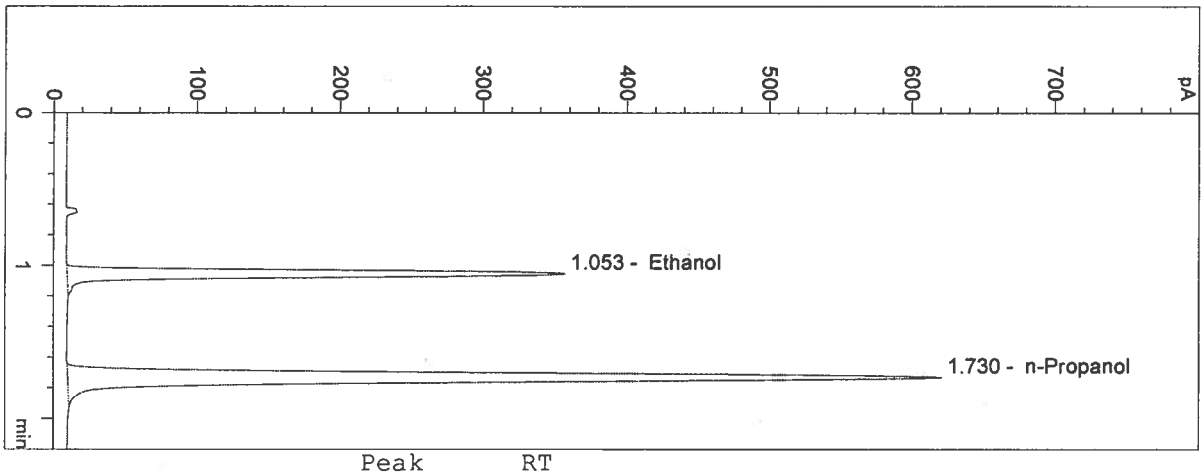


n-Propanol 0.012 g/100mL

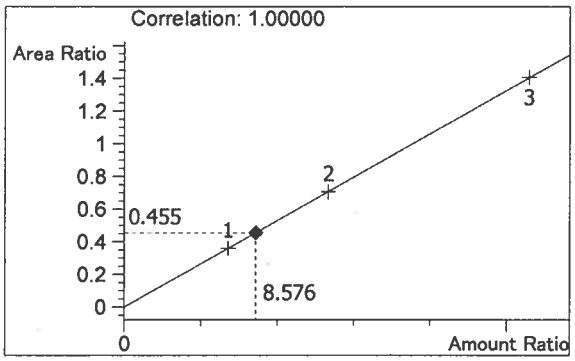
Data File: C:\CHEM32\1\DATA\140806AG\012F1201.D

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

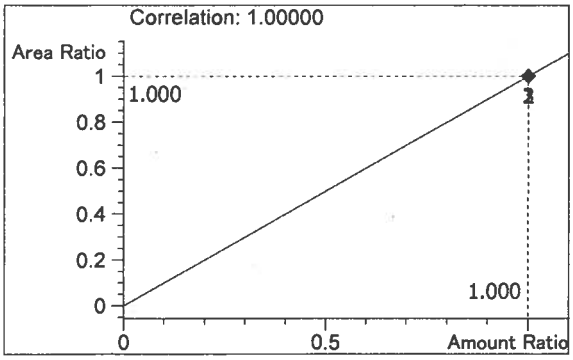
Inj. Date: 8/6/2014 12:22:53 PM Sample Name: ESS 14032 #4
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 13
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1113	1.053
2	n-Propanol	2444	1.730



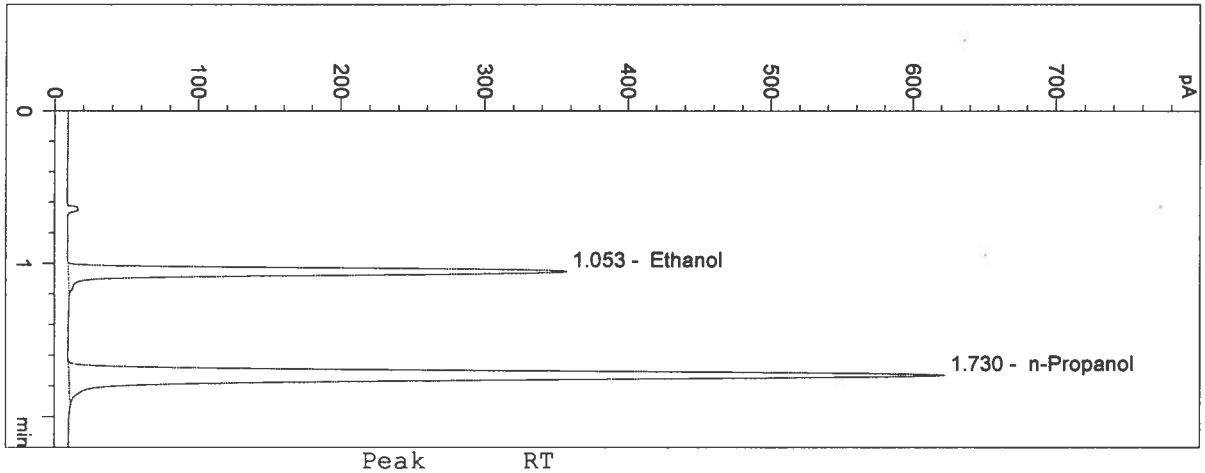
Ethanol 0.103 g/100mL



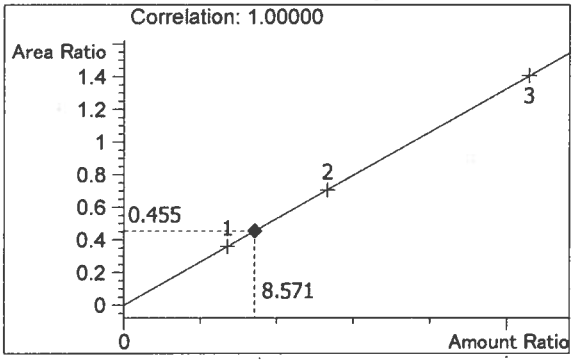
n-Propanol 0.012 g/100mL

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

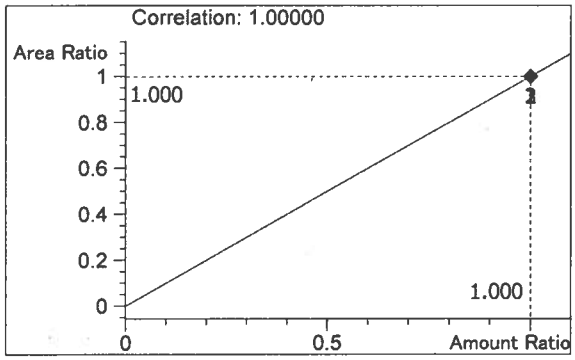
Inj. Date: 8/6/2014 12:26:06 PM Sample Name: ESS 14032 #5
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 14
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1113	1.053
2	n-Propanol	2446	1.730



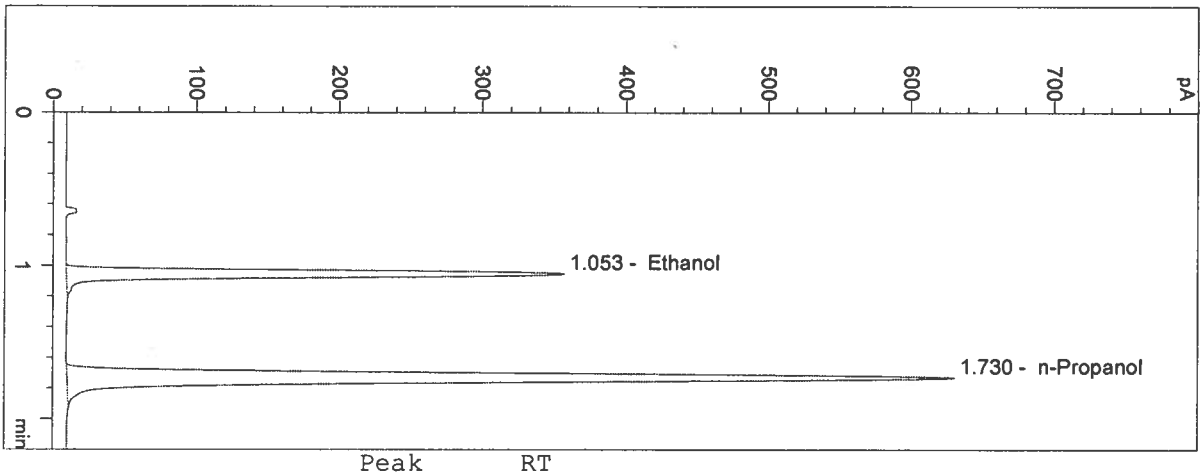
Ethanol 0.103 g/100mL



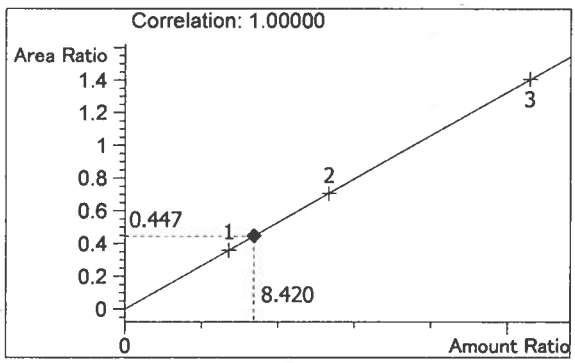
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/6/2014 12:29:21 PM 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:

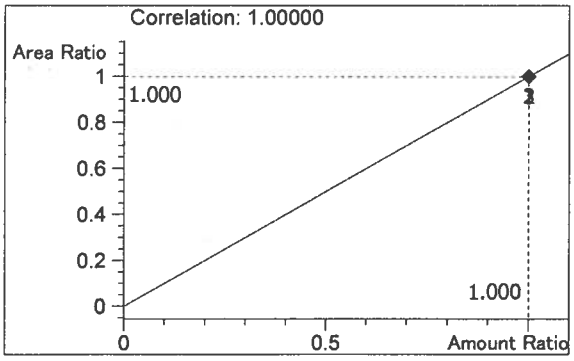


#	Compound	Peak Area	RT (min)
1	Ethanol	1107	1.053
2	n-Propanol	2476	1.730



Ethanol 0.101 g/100mL

14032

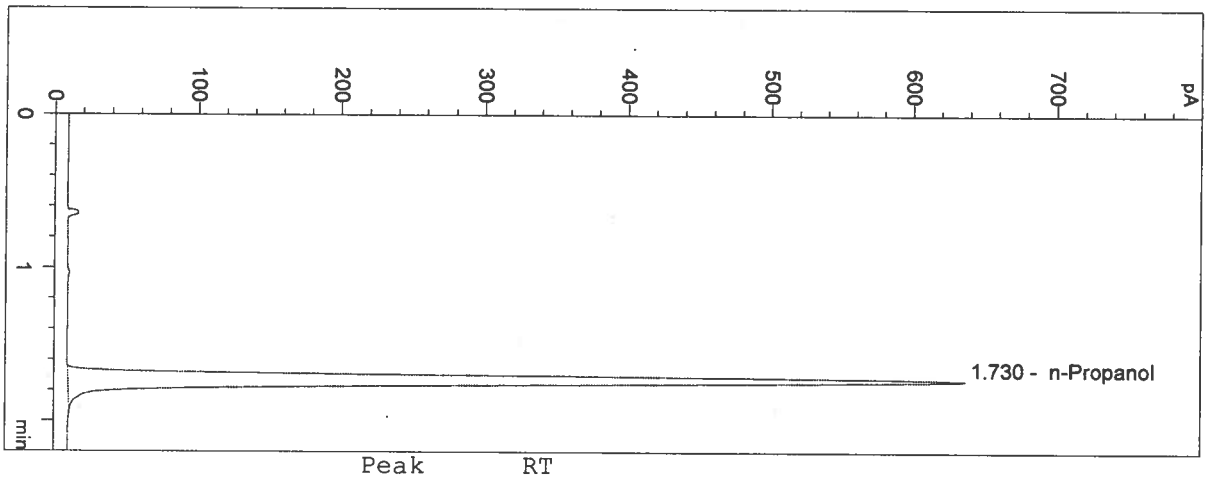


n-Propanol 0.012 g/100mL

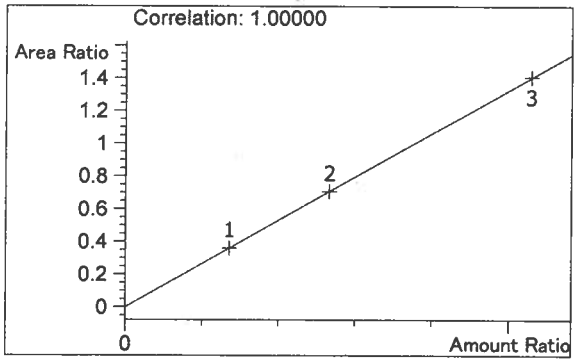
Data File: C:\CHEM32\1\DATA\140806AG\015F1501.D Page 1 of 1

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

Inj. Date: 8/6/2014 12:32:34 PM 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:

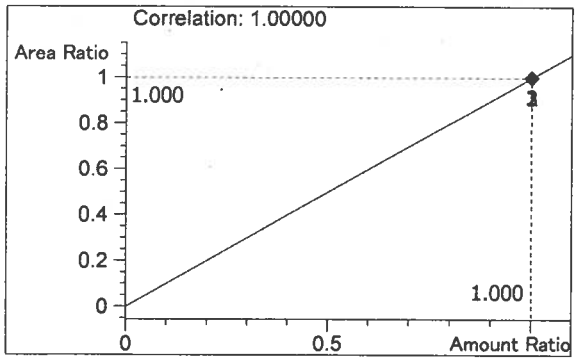


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2503	1.730



Ethanol 0.000 g/100mL

14032



n-Propanol 0.012 g/100mL

Data File: C:\CHEM32\1\DATA\140806AG\016F1601.D

Sequence Parameters:

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

Operator : Lyndsey Lowe

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

Data Subdirectory : 140806LL

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

14032

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	14032-1	SIMALC1	1	Sample	
11	Vial 11	14032-2	SIMALC1	1	Sample	
12	Vial 12	14032-3	SIMALC1	1	Sample	
13	Vial 13	14032-4	SIMALC1	1	Sample	
14	Vial 14	14032-5	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!

14032

W

Calibration Table

General Calibration Setting

Calib. Data Modified : Wednesday, August 06, 2014 1:41:05 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

14032

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	862.31061	9.42120e-5	No	No 1	Ethanol
		2	1.59860e-1	1704.39221	9.37930e-5			
		3	3.17330e-1	3556.41650	8.92275e-5			
1.730	1	1	1.20000e-2	2404.23633	4.99119e-6	No	Yes 1	n-Propanol

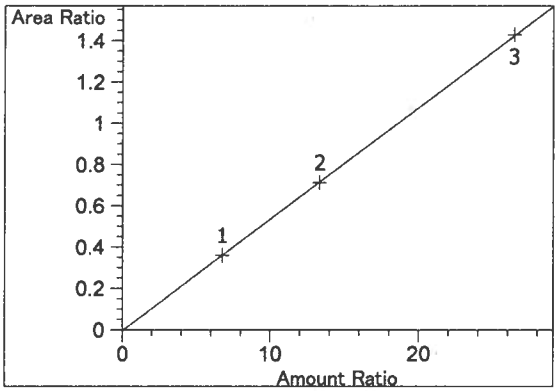
Method C:\CHEM32\1\METHODS\SIMALC1.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	2397.33716	5.00555e-6			
		3	1.20000e-2	2489.20068	4.82082e-6			

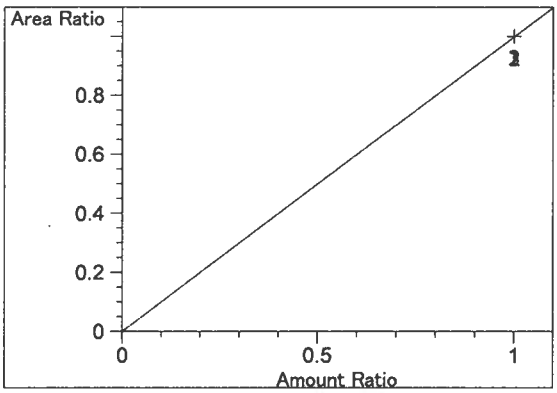
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.053
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00564
Formula: y = mx + b
m: 5.40803e-2
b: -4.57909e-3
x: Amount
y: Area

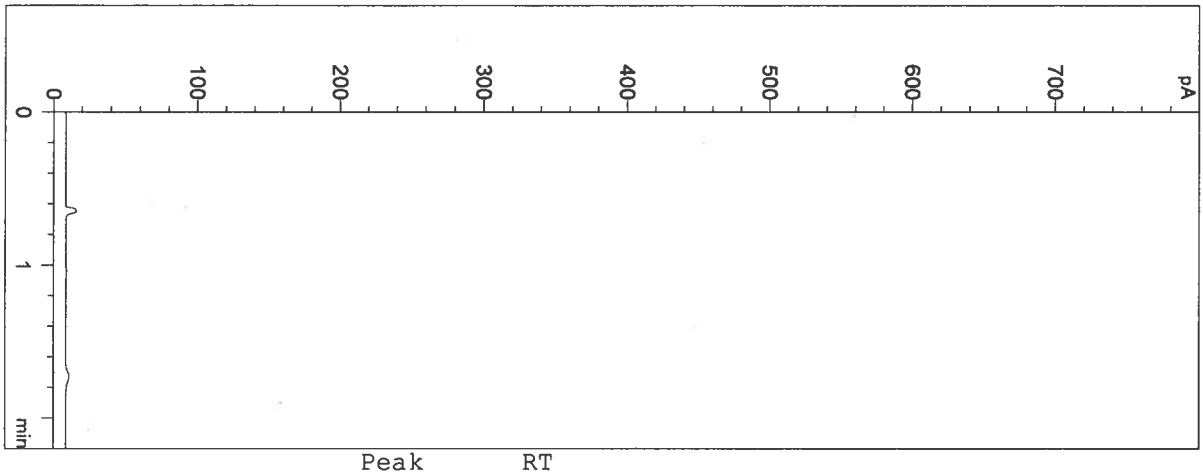


n-Propanol at exp. RT: 1.730
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

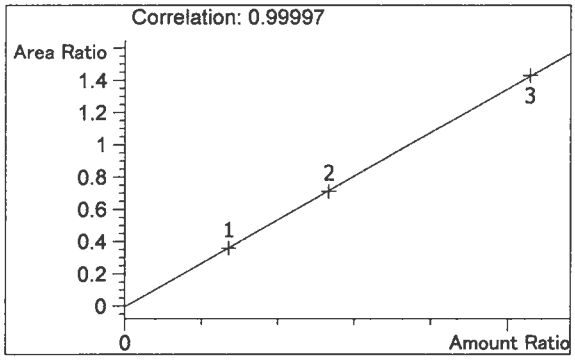
14032

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

Inj. Date: 8/6/2014 1:28:59 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:

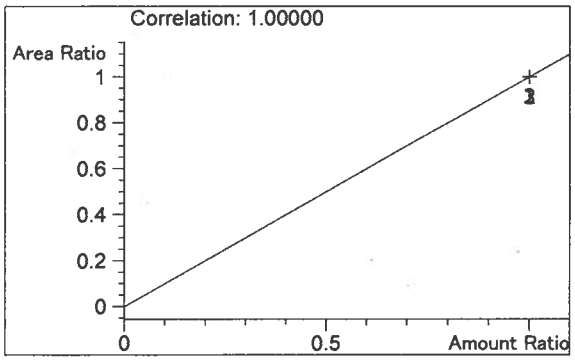


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

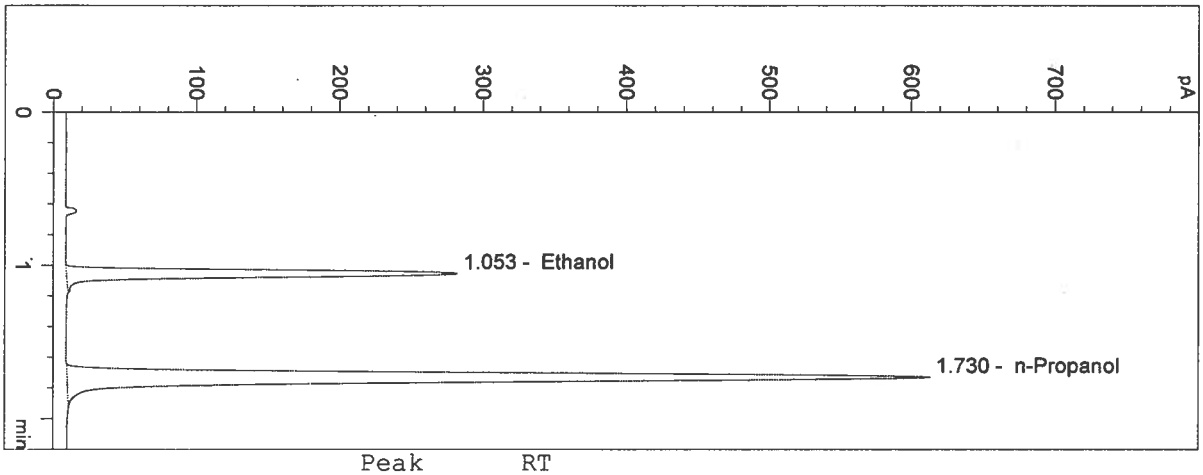
14032



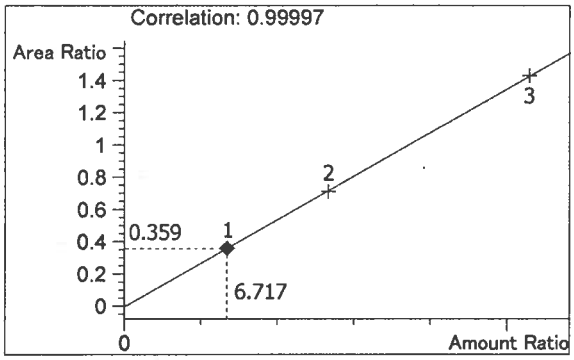
n-Propanol 0.000 g/100mL

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

Inj. Date: 8/6/2014 1:32:16 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:

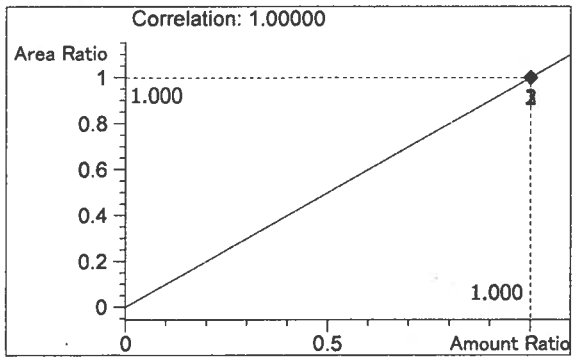


#	Compound	Peak Area	RT (min)
1	Ethanol	862	1.053
2	n-Propanol	2404	1.730



Ethanol 0.081 g/100mL

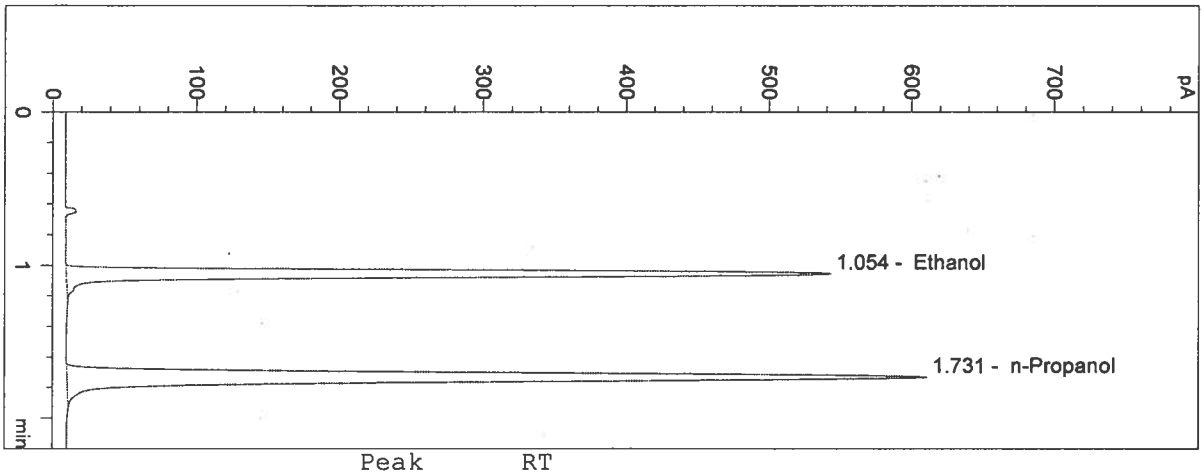
14032



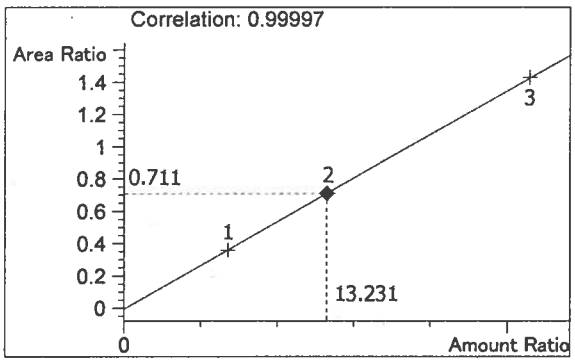
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/6/2014 1:35:32 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:

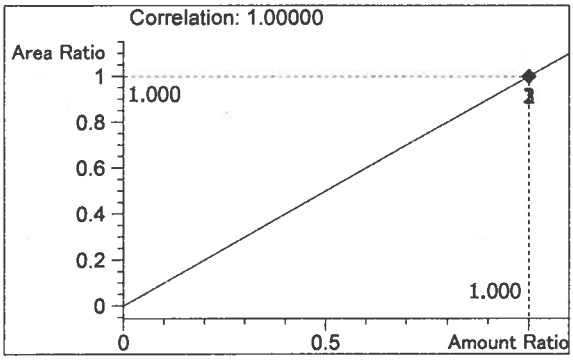


#	Compound	Peak Area	RT (min)
1	Ethanol	1704	1.054
2	n-Propanol	2397	1.731



Ethanol 0.159 g/100mL

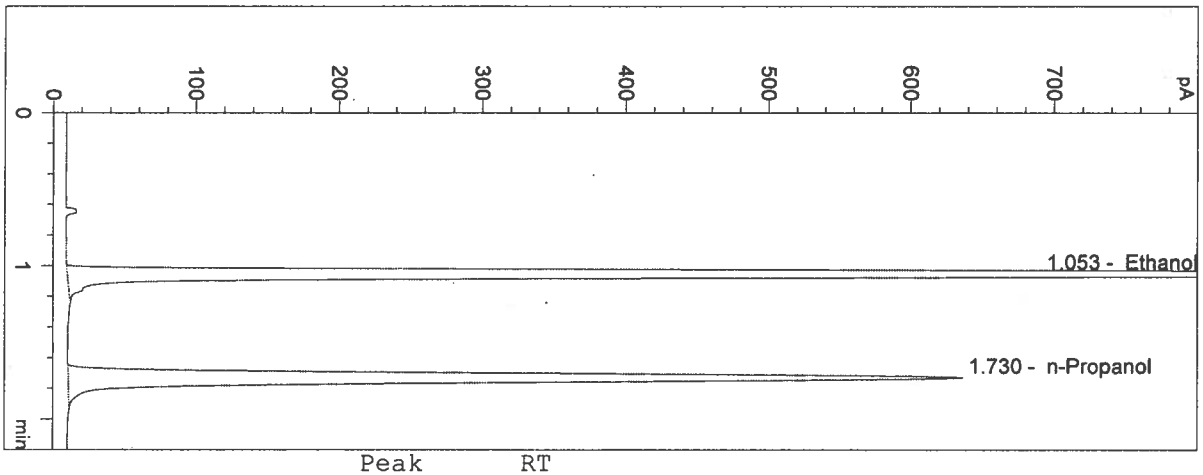
14032



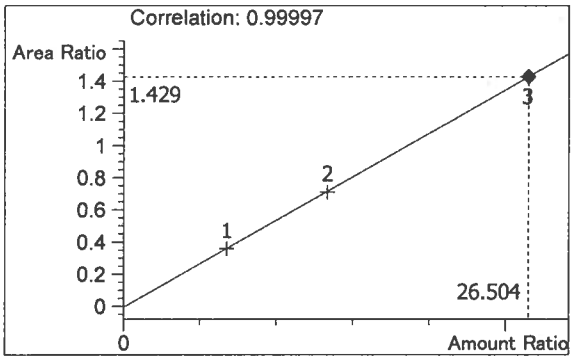
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/6/2014 1:38:51 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:

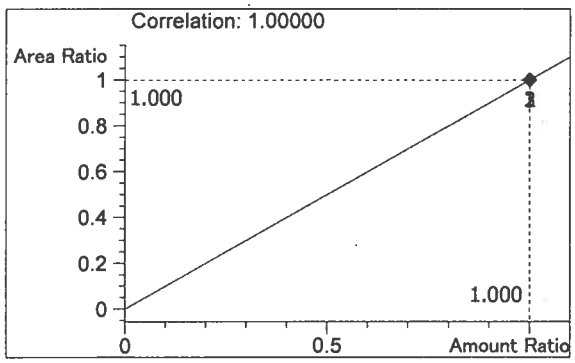


#	Compound	Peak Area	RT (min)
1	Ethanol	3556	1.053
2	n-Propanol	2489	1.730



Ethanol 0.318 g/100mL

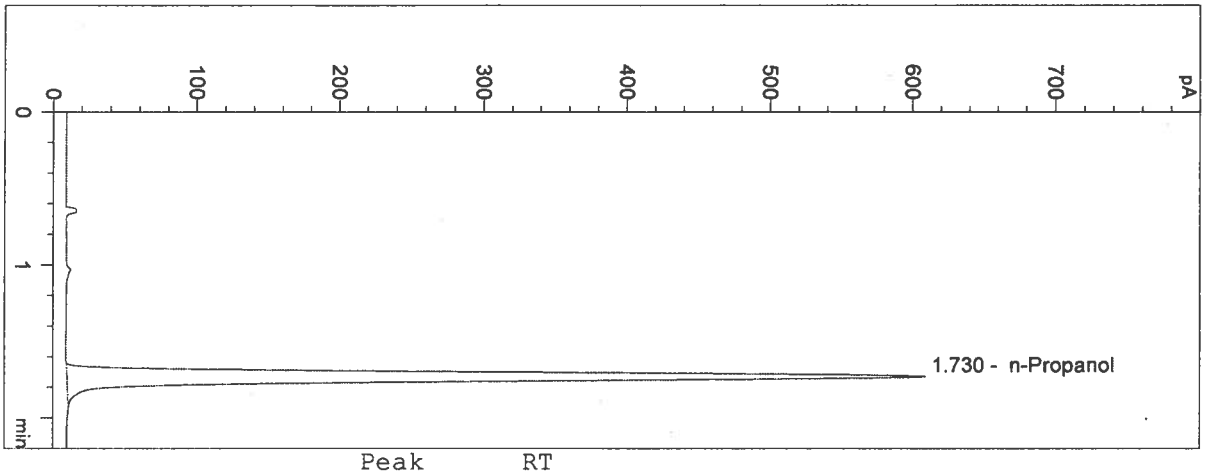
14032



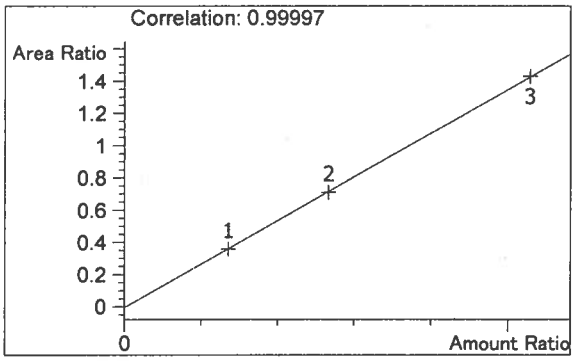
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/6/2014 1:42:04 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:

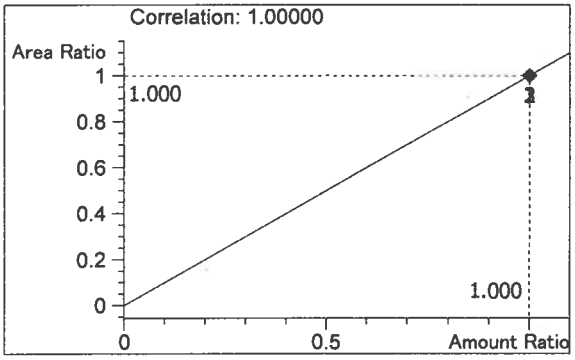


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2392	1.730



Ethanol 0.000 g/100mL

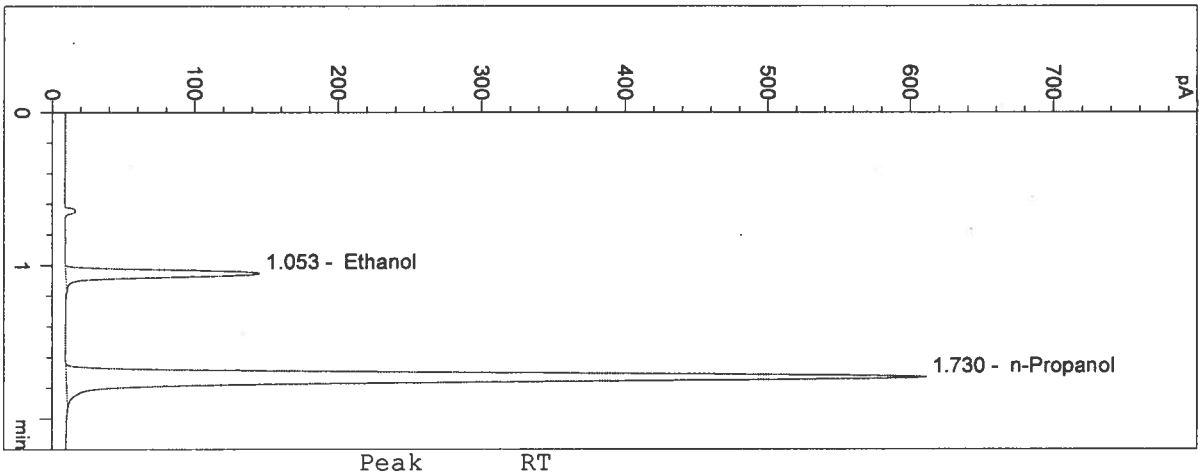
14032



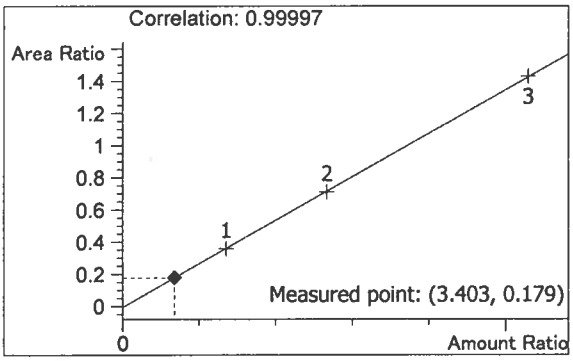
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/6/2014 1:45:16 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:

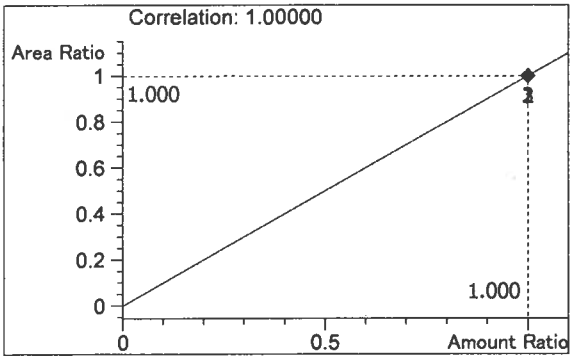


#	Compound	Peak Area	RT (min)
1	Ethanol	429	1.053
2	n-Propanol	2393	1.730



Ethanol 0.041 g/100mL

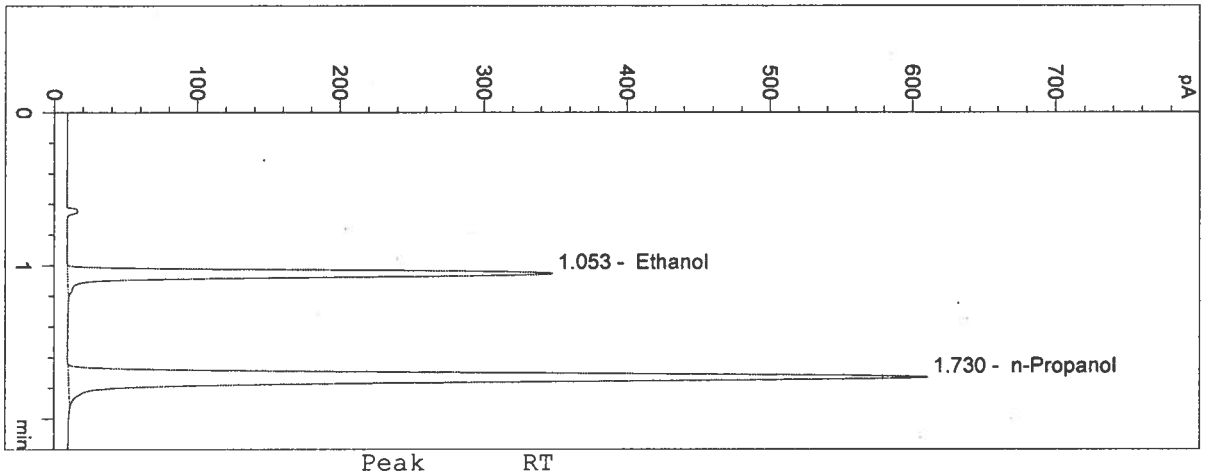
14032



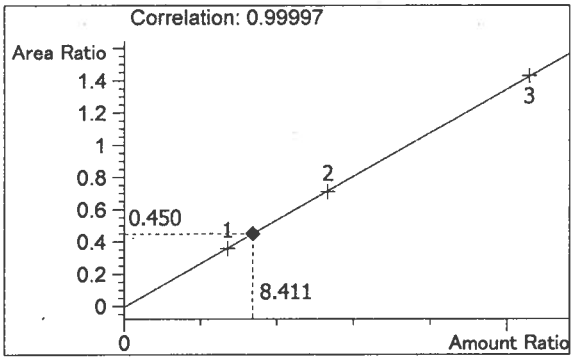
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/6/2014 1:48:30 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:

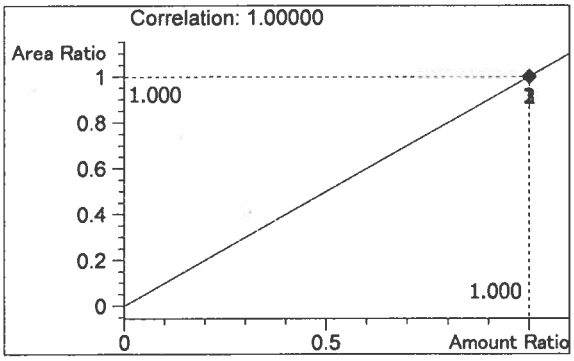


#	Compound	Peak Area	RT (min)
1	Ethanol	1081	1.053
2	n-Propanol	2400	1.730



Ethanol 0.101 g/100mL

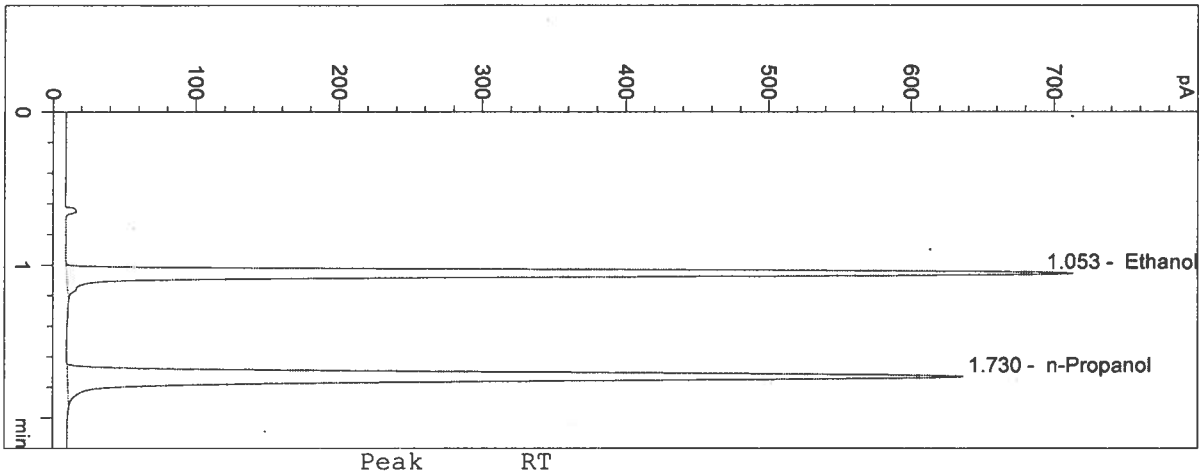
14032



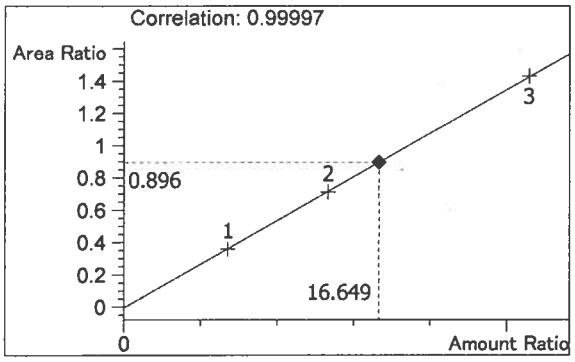
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/6/2014 1:51:44 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:

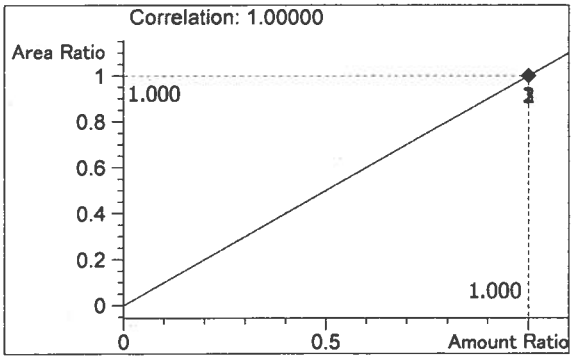


#	Compound	Peak Area	RT (min)
1	Ethanol	2237	1.053
2	n-Propanol	2497	1.730



Ethanol 0.200 g/100mL

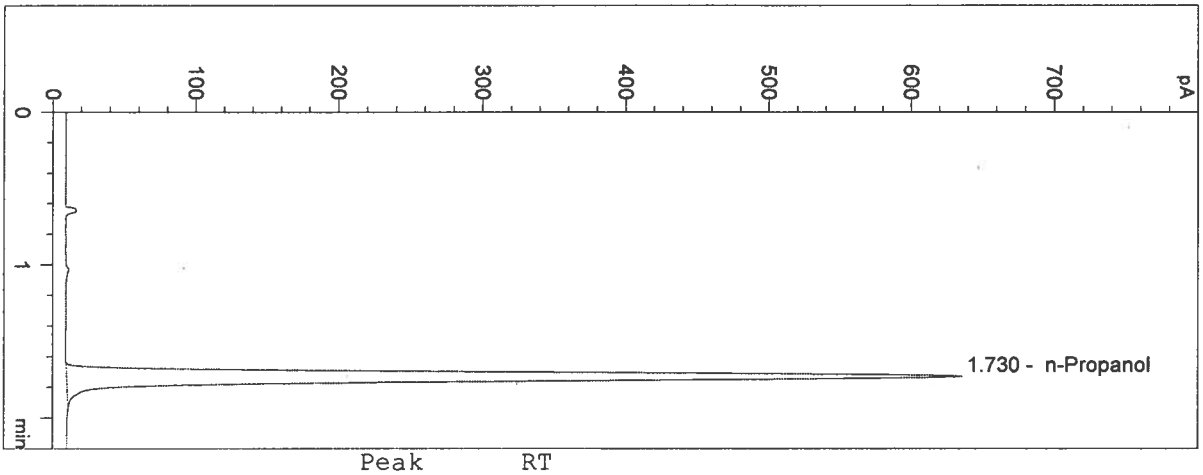
14032



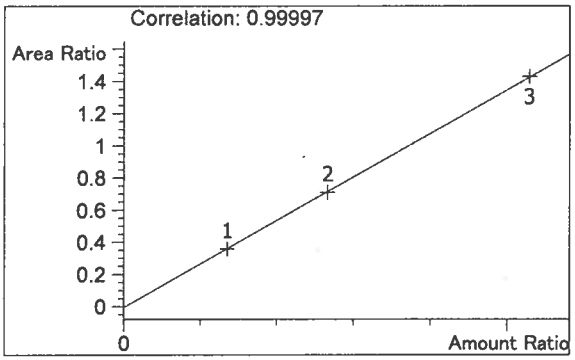
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/6/2014 1:54:57 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:

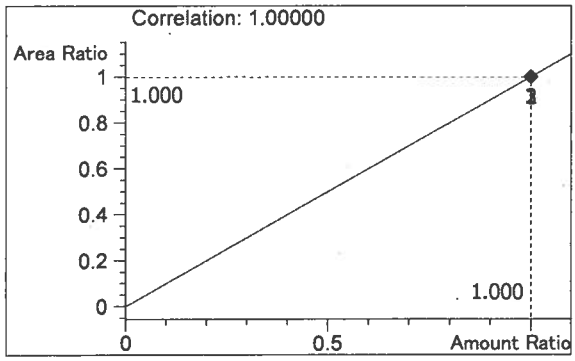


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2493	1.730



Ethanol 0.000 g/100mL

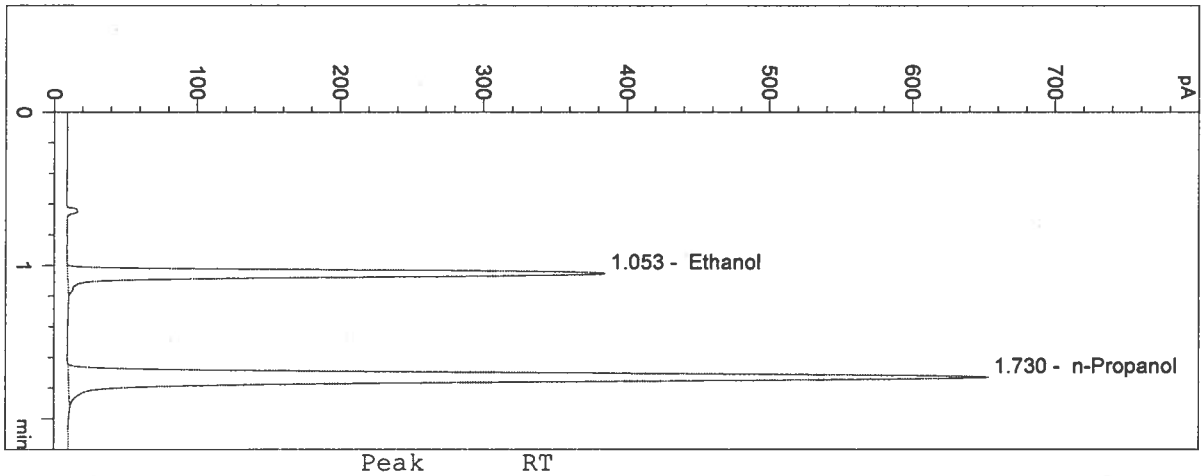
14032



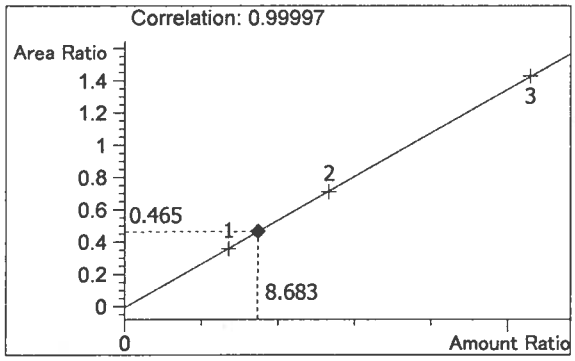
n-Propanol 0.012 g/100mL

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

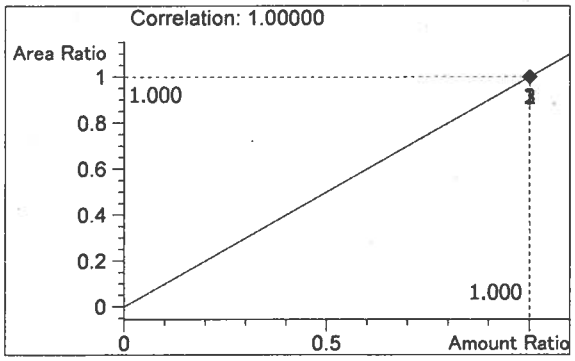
Inj. Date: 8/6/2014 1:58:09 PM Sample Name: 14032-1
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 10
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1190	1.053
2	n-Propanol	2558	1.730



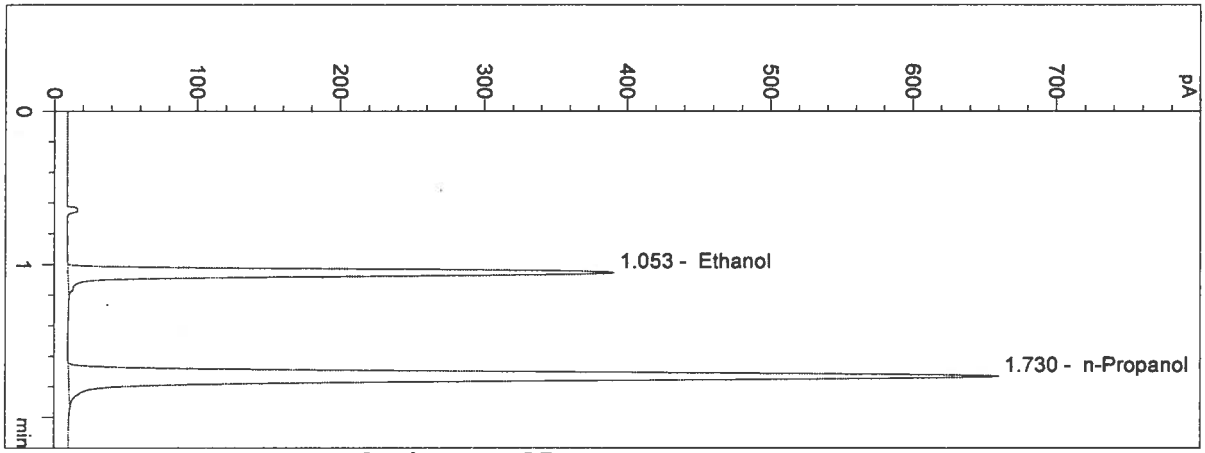
Ethanol 0.104 g/100mL



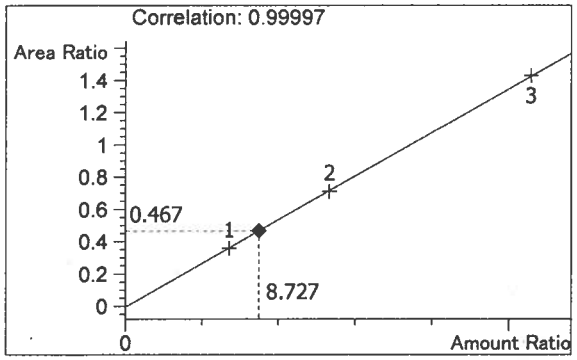
n-Propanol 0.012 g/100mL

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

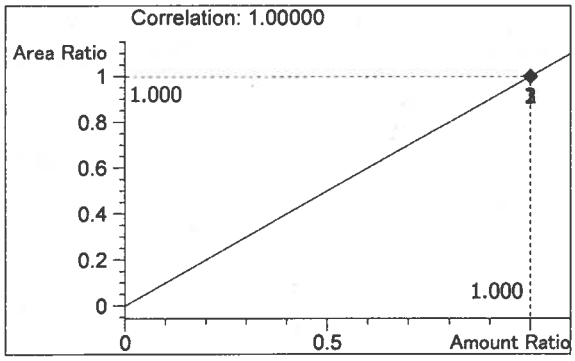
Inj. Date: 8/6/2014 2:01:25 PM Sample Name: 14032-2
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 11
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1208	1.053
2	n-Propanol	2585	1.730



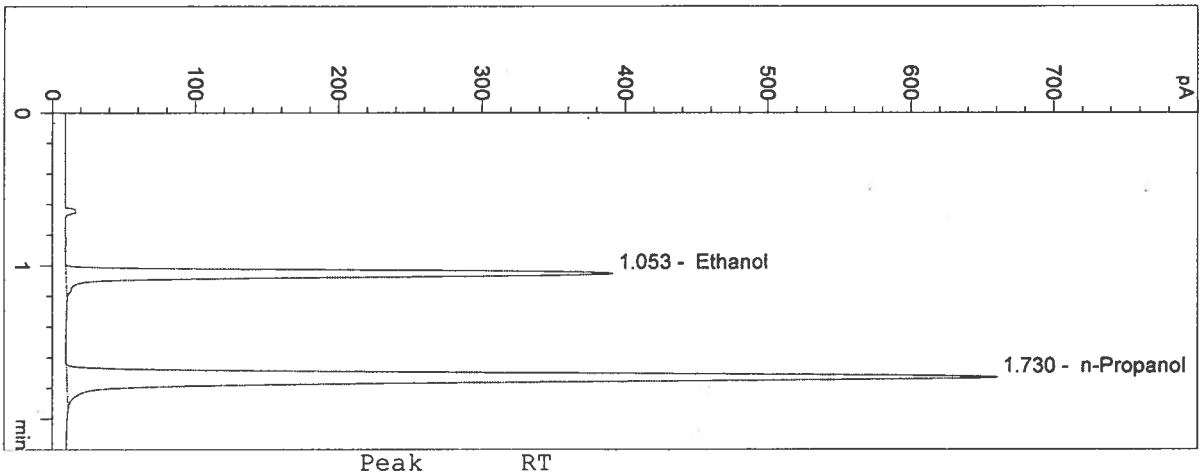
Ethanol 0.105 g/100mL



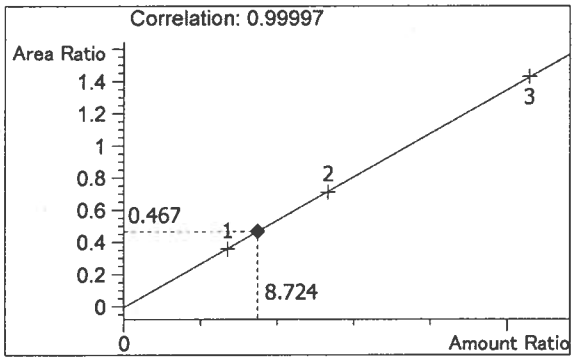
n-Propanol 0.012 g/100mL

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

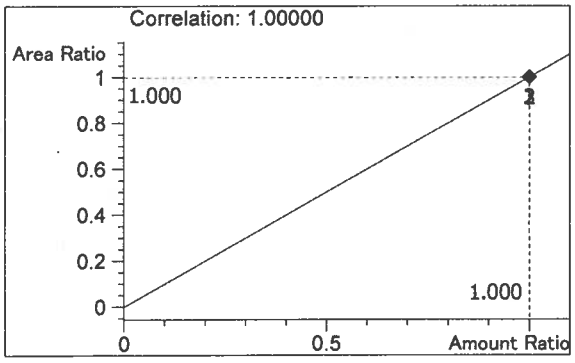
Inj. Date: 8/6/2014 2:04:38 PM Sample Name: 14032-3
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 12
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1210	1.053
2	n-Propanol	2590	1.730



Ethanol 0.105 g/100mL

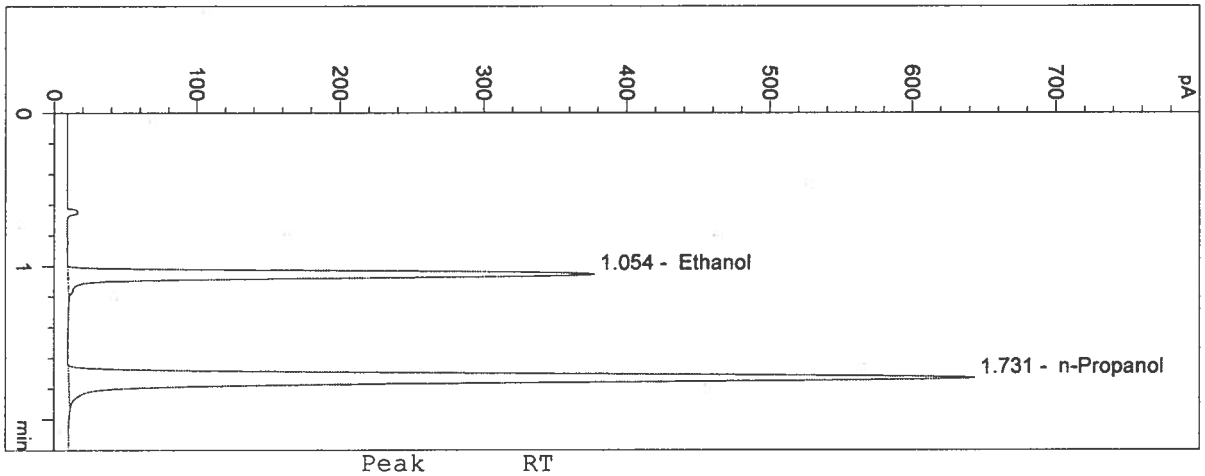


n-Propanol 0.012 g/100mL

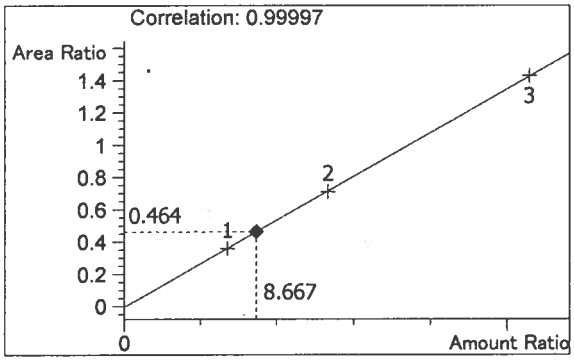
u

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

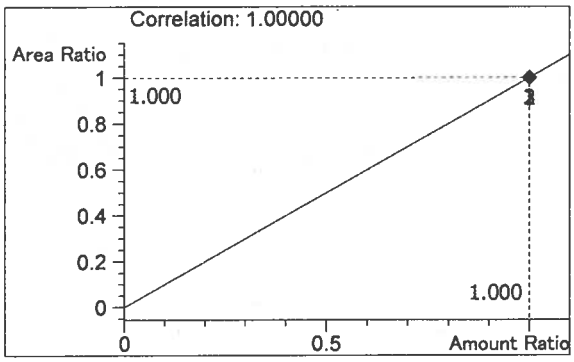
Inj. Date: 8/6/2014 2:07:50 PM Sample Name: 14032-4
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 13
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1170	1.054
2	n-Propanol	2521	1.731



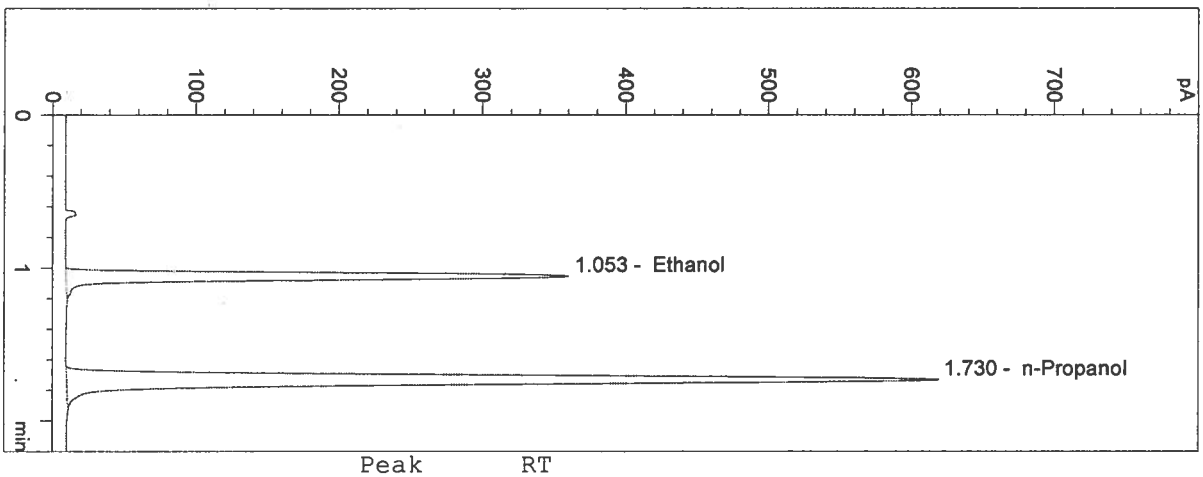
Ethanol 0.104 g/100mL



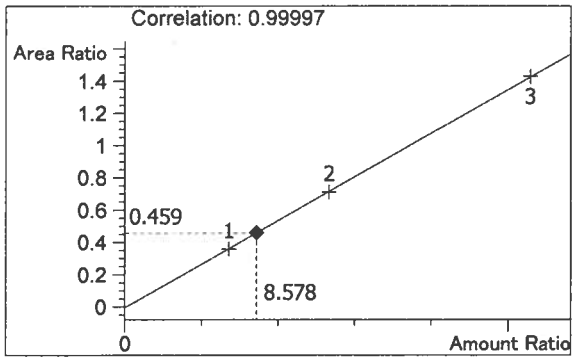
n-Propanol 0.012 g/100mL

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

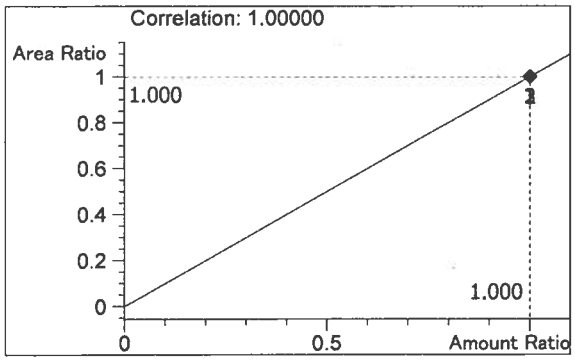
Inj. Date: 8/6/2014 2:11:04 PM Sample Name: 14032-5
Instrument: HSGC 1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 14
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1119	1.053
2	n-Propanol	2436	1.730



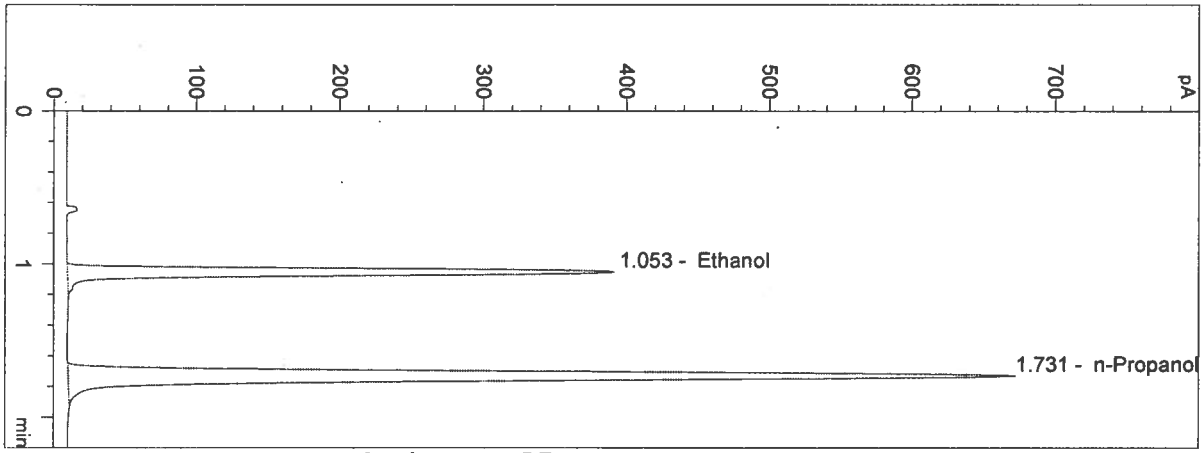
Ethanol 0.103 g/100mL



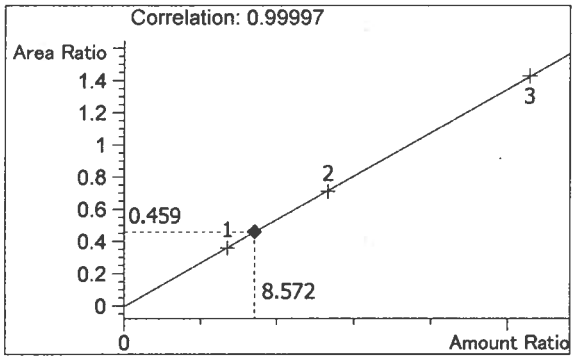
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/6/2014 2:14:17 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:

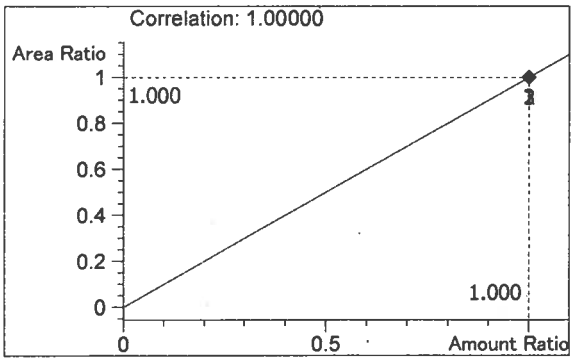


#	Compound	Peak Area	RT (min)
1	Ethanol	1210	1.053
2	n-Propanol	2635	1.731



Ethanol 0.103 g/100mL

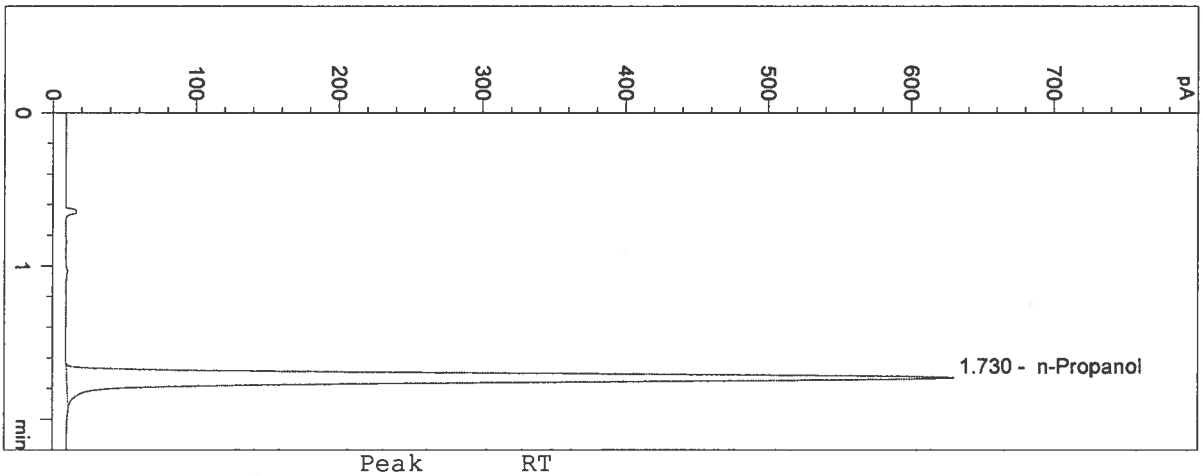
14032



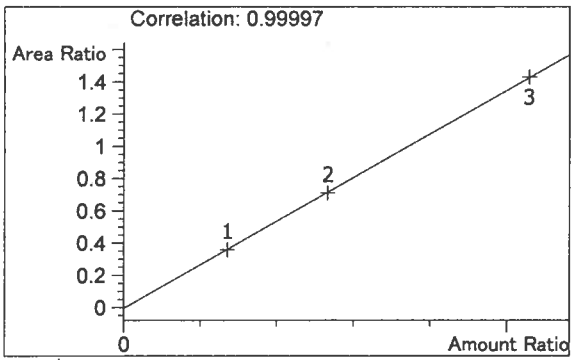
n-Propanol 0.012 g/100mL

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

Inj. Date: 8/6/2014 2:17:30 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:

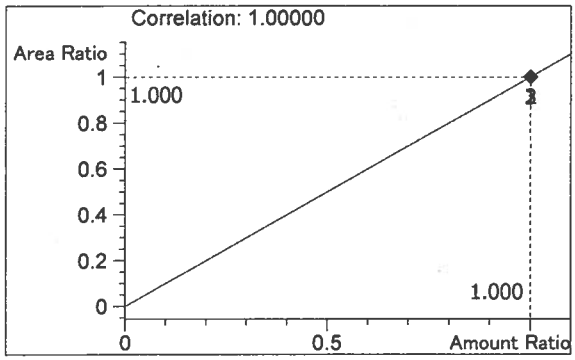


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2472	1.730



Ethanol 0.000 g/100mL

14032



n-Propanol 0.012 g/100mL