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

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 14019

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: 05/27/2014
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Lyndsey Lowe

	LL	DCS	KK	AG	AC	CMM	NN	JLK
1	0.103	0.102	0.102	0.101	0.104	0.102	0.103	0.104
2	0.102	0.105	0.102	0.103	0.102	0.102	0.102	0.104
3	0.103	0.104	0.102	0.102	0.103	0.105	0.103	0.101
4	0.102	0.102	0.103	0.102	0.102	0.102	0.102	0.102
5	0.103	0.105	0.102	0.102	0.102	0.102	0.103	0.101
C	0.101	0.103	0.101	0.101	0.101	0.100	0.102	0.098

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1026 g/100mL
STANDARD DEVIATION: 0.00103
PRECISION CV (%): 1.01
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0834 g/210L**
EXPANDED UNCERTAINTY: ± 0.0034 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Lisa Noble — Forensic Scientist Supervisor — 6/10/14 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
LL	Lyndsey Lowe		05/27/2014
DCS	Dawn C. Sklerov		06/02/2014
KK	Katie Knorr		06/02/2014
AG	Andrew Gingras		06/03/2014
AC	Amanda Chandler		06/03/2014
CMM	Christie Mitchell-Mata		06/04/2014
NN	Naziha Nuwayhid		06/05/2014
JLK	Justin L. Knoy		06/05/2014

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 #: 14019 **Date Prepared:** 5/27/2014

Analyst:	LL	DCS	KK	AG	AC	CMM	NN	JLK
Date Tested:	5/27/2014	6/2/2014	6/2/2014	6/3/2014	6/3/2014	6/4/2014	6/5/2014	6/5/2014
Instrument:	HSGC # 3	HSGC # 3	HSGC # 3	HSGC # 3	HSGC # 3	HSGC # 3	HSGC # 3	HSGC # 3
1	0.103	0.102	0.102	0.101	0.104	0.102	0.103	0.104
2	0.102	0.105	0.102	0.103	0.102	0.102	0.102	0.104
3	0.103	0.104	0.102	0.102	0.103	0.105	0.103	0.101
4	0.102	0.102	0.103	0.102	0.102	0.102	0.102	0.102
5	0.103	0.105	0.102	0.102	0.102	0.102	0.103	0.101
C	0.101	0.103	0.101	0.101	0.101	0.100	0.102	0.098

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0001018049	0.0002088295	0.0001016326

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

Average Solution Concentration: 0.1026 g/100mL
Standard Deviation: 0.00103 g/100mL
Precision CV (%): 1.01
Equivalent Vapor Concentration: 0.0834 g/210L
Combined Standard Uncertainty (±): 0.0017 g/210L
Expanded Uncertainty (±): 0.0034 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Lisa Noble (Name) Lnoble (Signature) 6/6/14 (Date)

Calculations verified by: Amanda M. Black (Name) (Signature) 6-10-2014 (Date) Method: Hand calculation

Technical review of batch file performed by:

Lisa Noble (Name) Lnoble (Signature) 6/6/14 (Date)

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 6-10-2014

Location: WSP-FLSB Seattle, WA **Solution Batch Number:** 14019

	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:** 6-10-2014

Reviewer Signature: MA OB 6-10-14 **Date:**

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

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

Please initial and date below to affirm that you have:

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

	Initials	Date
Amanda Chandler	AC	6/6/14
Andrew Gingras	AG	6/9/14
Asa Louis		
Brittany Ball		
Christie Mitchell-Mata	CM	6/9/14
Christopher Johnston		
Dawn Sklerov	DCS	6.9.14
Justin Knoy	JK	6/9/14
Katie Knorr	KK	6/9/14
Lyndsey Lowe	LL	6.9.14
Naziha Nuwayhid	NN	6.6.14
Rebecca Flaherty		
Sarah Swenson		

Batch # 14019

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 14019

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 14019, was prepared in the Washington State Toxicology Laboratory on 5/27/2014. 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 5/27/2015.

Seattle, WA

6-9-14

Lyndsey Lowe — Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14019

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 14019, was prepared in the Washington State Toxicology Laboratory on 5/27/2014. 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 5/27/2015.

Seattle, WA

Dawn C. Sklerov 6-9-14

Dawn C. Sklerov Date
Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14019

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 14019, was prepared in the Washington State Toxicology Laboratory on 5/27/2014. 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 5/27/2015.

Seattle, WA

Katie Knorr 6/9/14

Katie Knorr Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14019

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 14019, was prepared in the Washington State Toxicology Laboratory on 5/27/2014. 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 5/27/2015.

Seattle, WA

6/9/14

Andrew Gingras — Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14019

I, Amanda Chandler, 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 Forensic Science.

The external standard solution, Lot Number 14019, was prepared in the Washington State Toxicology Laboratory on 5/27/2014. 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 5/27/2015.

Seattle, WA

Amanda Chandler 6/6/14

Amanda Chandler Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14019

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 14019, was prepared in the Washington State Toxicology Laboratory on 5/27/2014. 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 5/27/2015.

Seattle, WA

6/9/2014

Christie Mitchell-Mata Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14019

I, Naziha Nuwayhid, 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: Bachelor and Masters Degrees in Biology, Ph.D. degree in Basic Medical Science, ten years experience in clinical laboratory sciences, one year in clinical toxicology and more than ten years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The external standard solution, Lot Number 14019, was prepared in the Washington State Toxicology Laboratory on 5/27/2014. 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 5/27/2015.

Seattle, WA

6.6.14

Naziha Nuwayhid Date
Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14019

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 14019, was prepared in the Washington State Toxicology Laboratory on 5/27/2014. 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 5/27/2015.

Seattle, WA

6/9/14

Justin L. Knoy — 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: 5.27.14 Initials of Preparer: LL

Expiration Date: 5.27.15

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

Date the 200-proof Ethanol bottle was opened: 4.25.14

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

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	☐	
QAP 0.08	22.4	18	☐	
QAP 0.10	28.1	18	☐	
QAP 0.15	42.0	18	☐	
ESS	66.5	52	☑	14019

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 5.27.14 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 5.27.14 Date

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

Sequence Parameters:

Operator:	Lyndsey Lowe
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	140523LL → Should be 140527LL Ran and aliquoted on 5.27.14 LLS.27.14
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1 (0.079 g/100mL) - Lot#E0414-01 - Exp 10/15/14
Cal 2 (0.158 g/100mL) - Lot#E0414-02 - Exp 10/15/14
Cal 3 (0.316 g/100mL) - Lot#E0414-03 - Exp 10/15/14

CTRL 1 (0.04 g/100mL) - Lot#FN05011301 - Exp 05/2018
CTRL 2 (0.10 g/100mL) - Lot#FN08051301 - Exp 10/2018
CTRL 3 (0.20 g/100mL) - Lot#FN100511-01 - Exp 10/2016

n-Propanol ISTD - Lot# P0314 - Exp 06/24/14

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	14019 #1	SIMALC3	1	Sample		
11	Vial 11	14019 #2	SIMALC3	1	Sample		
12	Vial 12	14019 #3	SIMALC3	1	Sample		
13	Vial 13	14019 #4	SIMALC3	1	Sample		
14	Vial 14	14019 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

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

Sequence Table (Back Injector):

No entries - empty table!

14019

Calibration Table

General Calibration Setting

Calib. Data Modified : Monday, June 09, 2014 8:50:14 AM

* Calibration table and curves not printed with data. Reprinted 6.9.14

U 6.9.14

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

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

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

Signal Details

Signal 1: FID1 A,

14019

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD	#	Compound
1.019	1	1	8.12400e-2	559.94501	1.45086e-4	No	No	1	Ethanol
		2	1.59860e-1	1106.33936	1.44495e-4				
		3	3.17330e-1	2228.02344	1.42427e-4				
1.744	1	1	1.20000e-2	1553.84985	7.72275e-6	No	Yes	1	n-Propanol

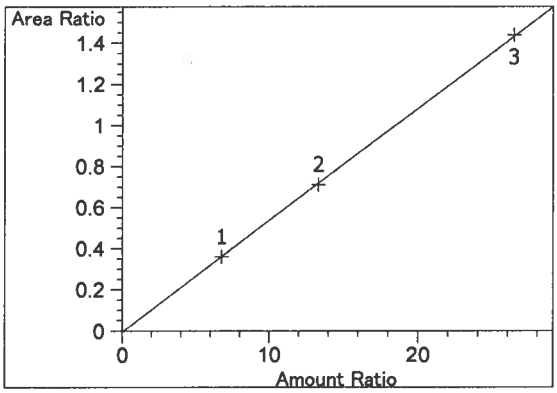
Method C:\CHEM32\2\METHODS\SIMALC3.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	1555.00317	7.71703e-6			
		3	1.20000e-2	1548.83179	7.74777e-6			

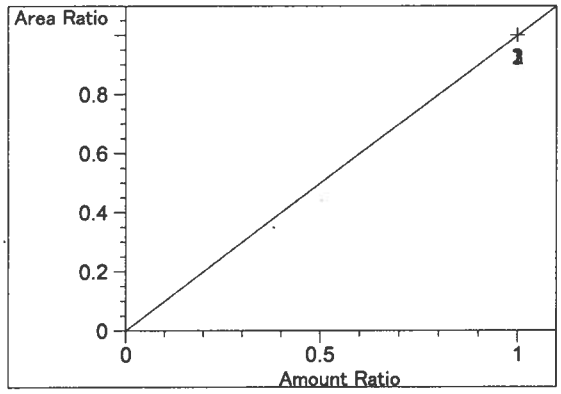
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.019
FID1 A,
Correlation: 0.99994
Residual Std. Dev.: 0.00790
Formula: y = mx + b
m: 5.44409e-2
b: -5.77570e-3
x: Amount
y: Area



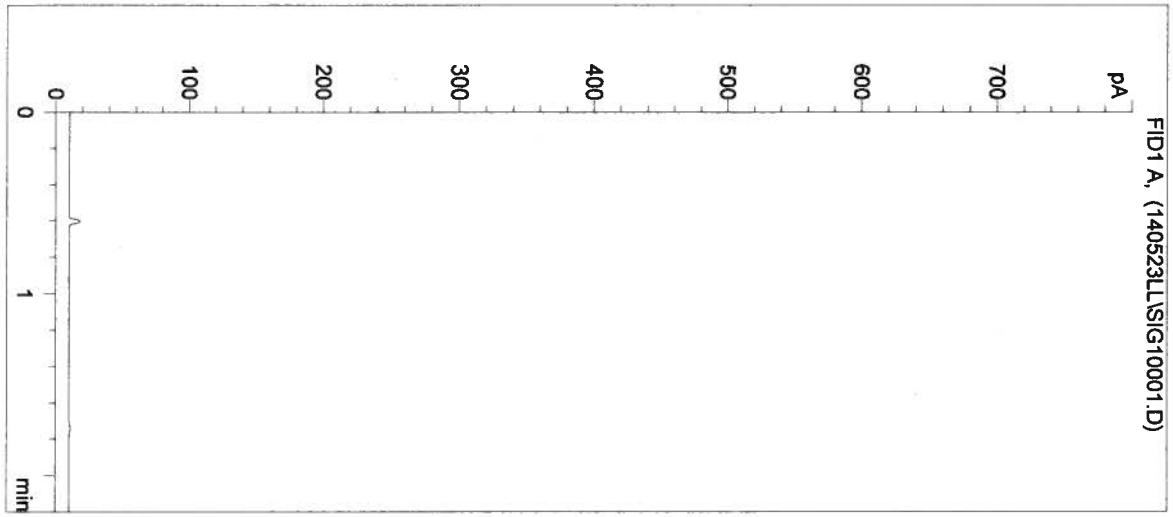
n-Propanol at exp. RT: 1.744
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

14019

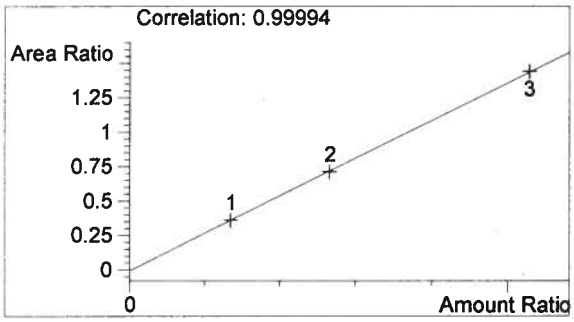
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/27/2014 11:01:27 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

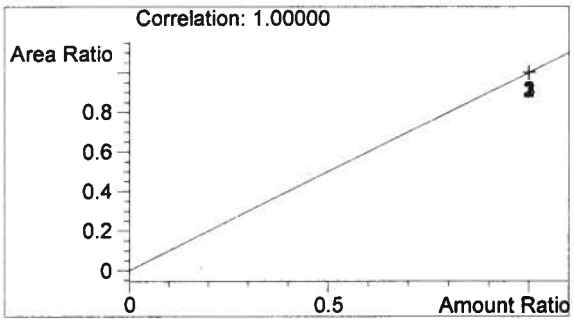
Sample Name: BLANK
Operator: Lyndsey Lowe
Location: Vial 1



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



Ethanol 0.000 g/100mL



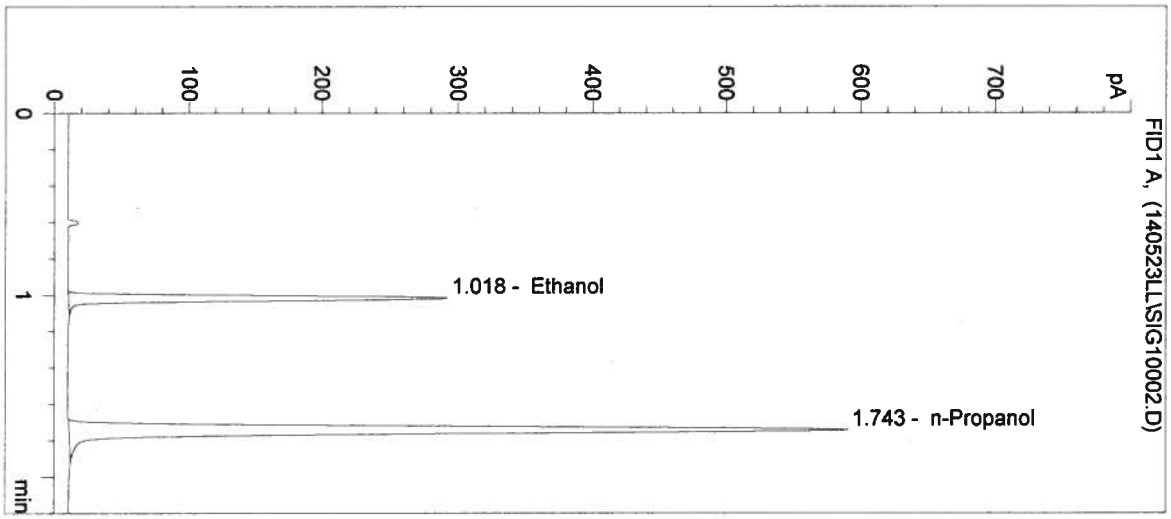
n-Propanol 0.000 g/100mL

14019

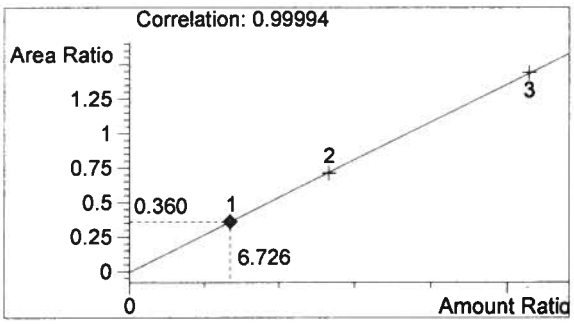
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/27/2014 11:04:35 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

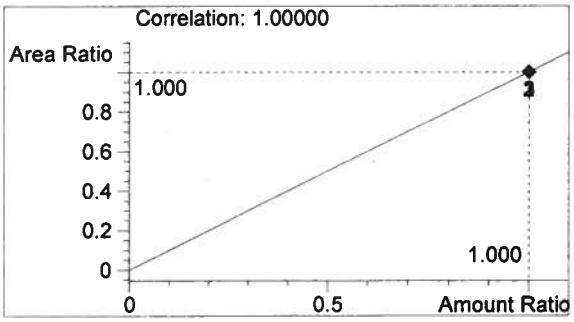
Sample Name: 0.079 CAL 1
Operator: Lyndsey Lowe
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	560	1.018
2	n-Propanol	1554	1.743



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

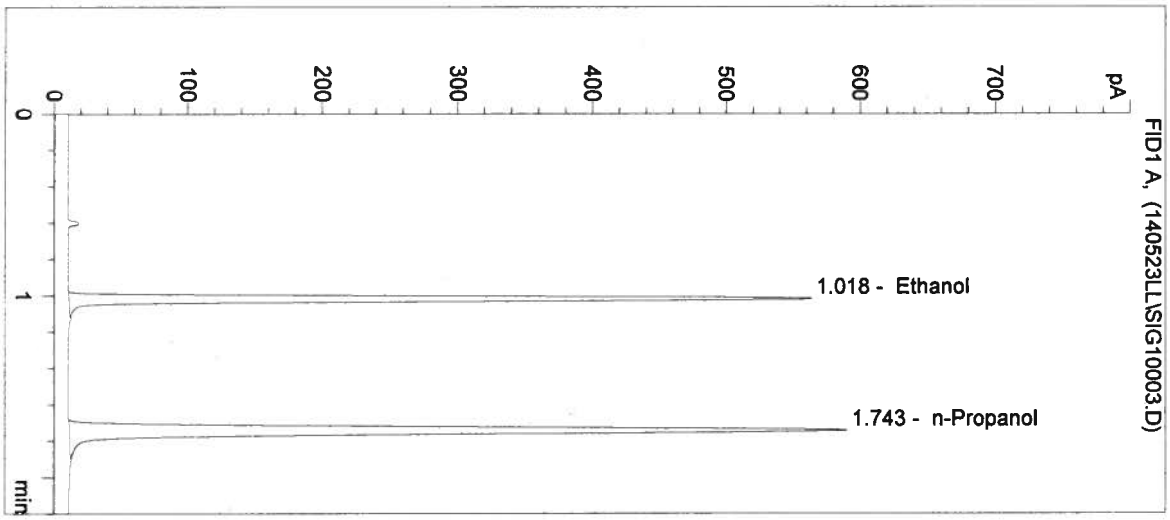
14019

Data File: C:\HPCHEM\2\DATA\140523LL\SIG10002.D

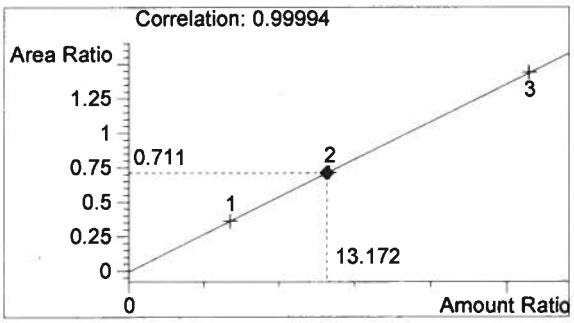
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/27/2014 11:07:42 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

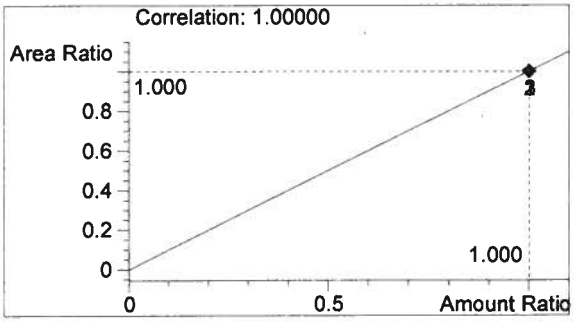
Sample Name: 0.158 CAL 2
Operator: Lyndsey Lowe
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.018
2	n-Propanol	1555	1.743



Ethanol 0.158 g/100mL



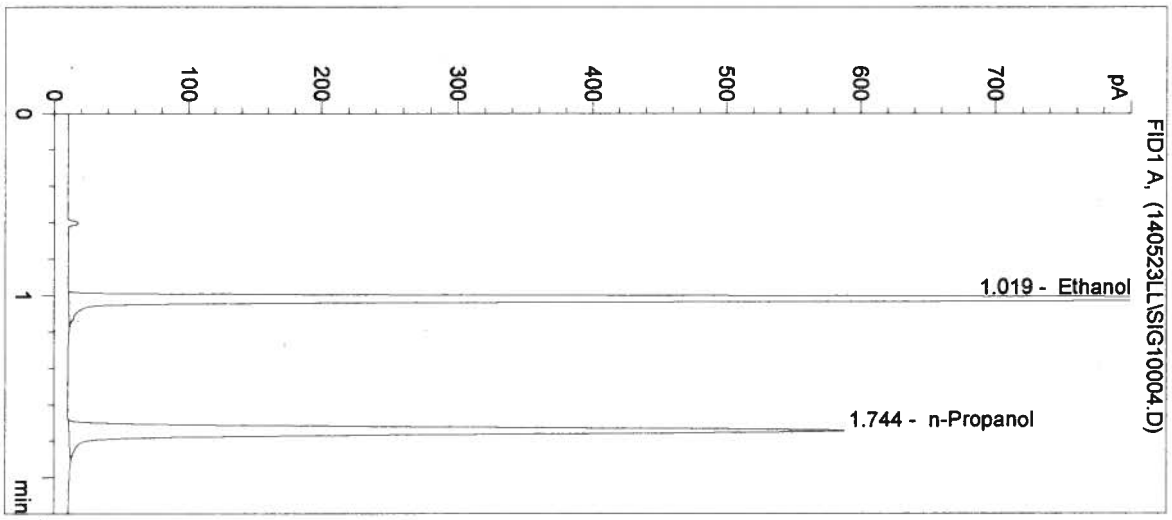
n-Propanol 0.012 g/100mL

14019

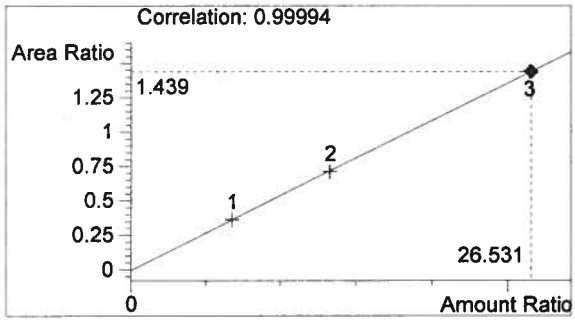
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/27/2014 11:10:50 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

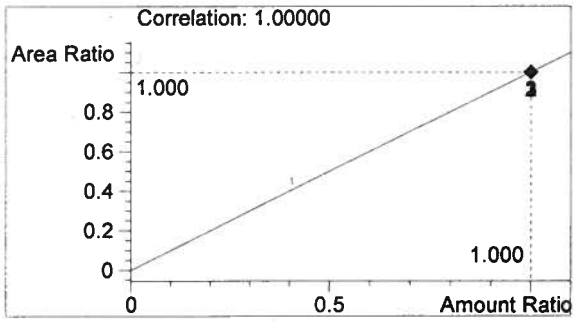
Sample Name: 0.316 CAL 3
Operator: Lyndsey Lowe
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2228	1.019
2	n-Propanol	1549	1.744



Ethanol 0.318 g/100mL



n-Propanol 0.012 g/100mL

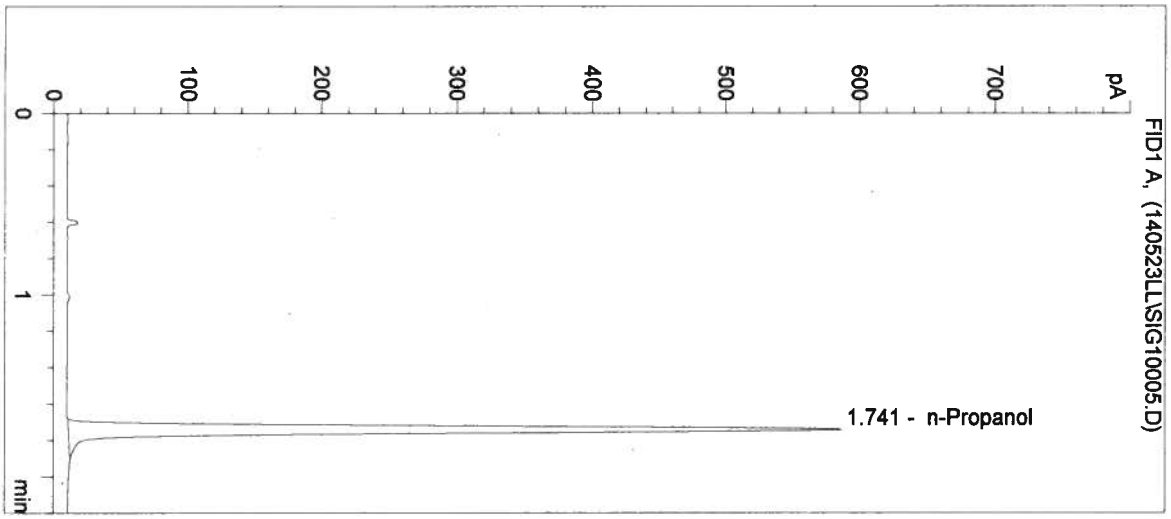
14019

W

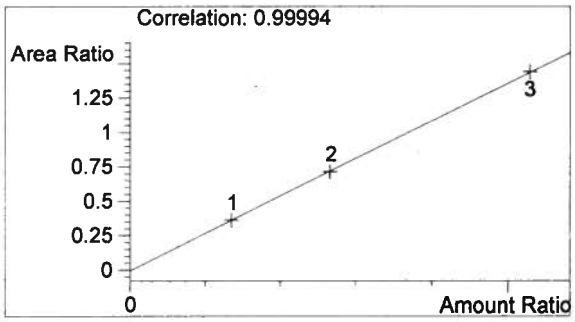
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/27/2014 11:13:57 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

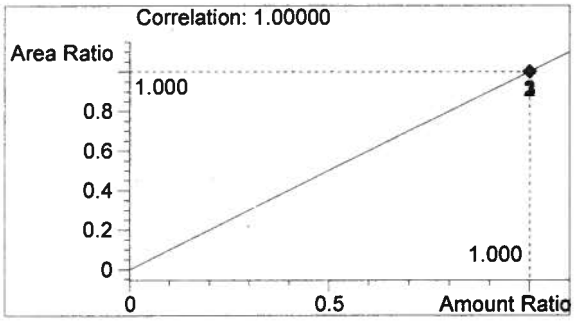
Sample Name: NEG CTRL
Operator: Lyndsey Lowe
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1546	1.741



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

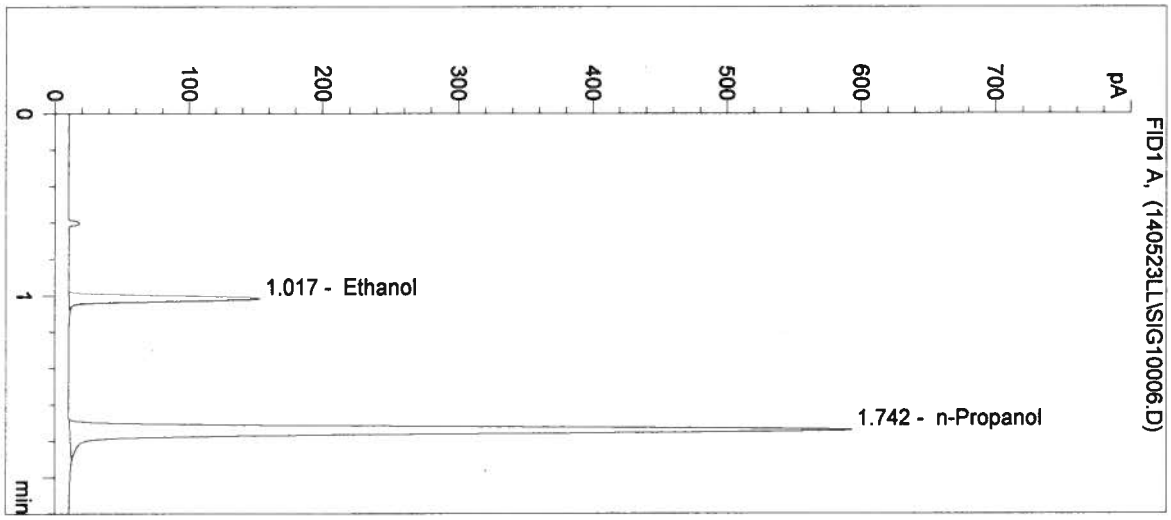
14019

Data File: C:\HPCHEM\2\DATA\140523LL\SIG10005.D

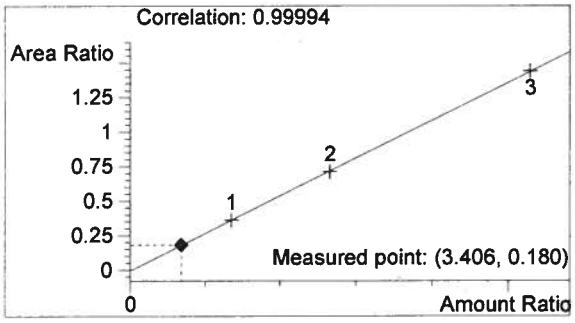
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/27/2014 11:17:05 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

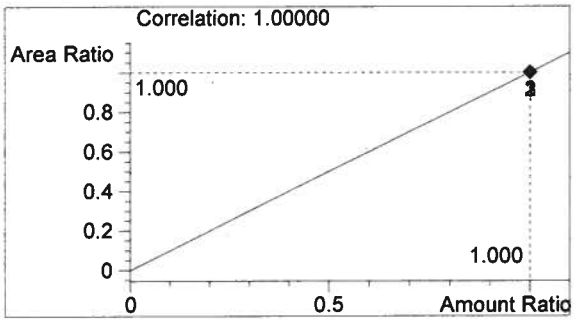


#	Compound	Peak Area	RT (min)
1	Ethanol	280	1.017
2	n-Propanol	1561	1.742



Ethanol 0.041 g/100mL

14019



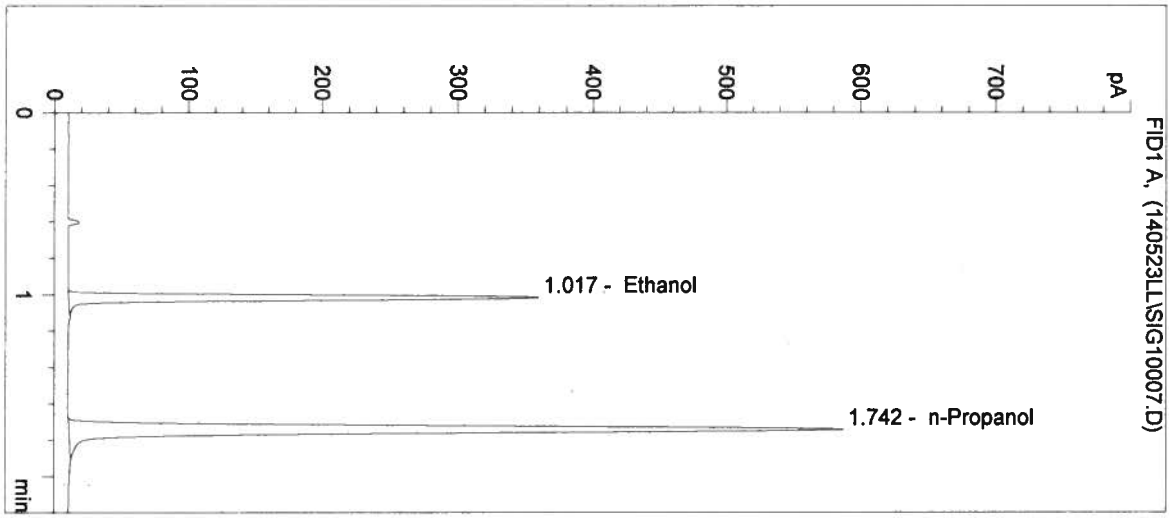
n-Propanol 0.012 g/100mL

W

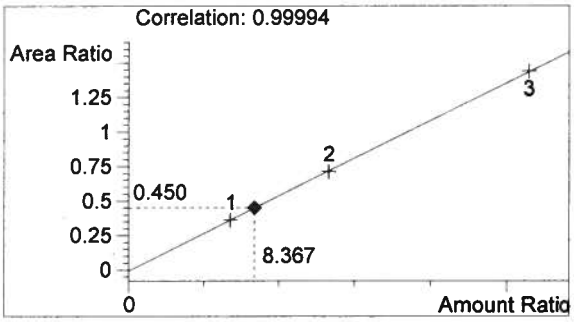
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/27/2014 11:20:12 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

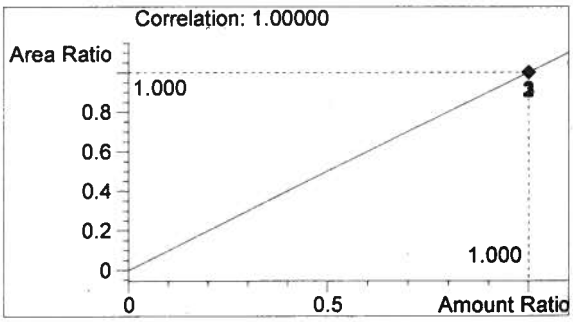


#	Compound	Peak Area	RT (min)
1	Ethanol	696	1.017
2	n-Propanol	1549	1.742



Ethanol 0.100 g/100mL

14019

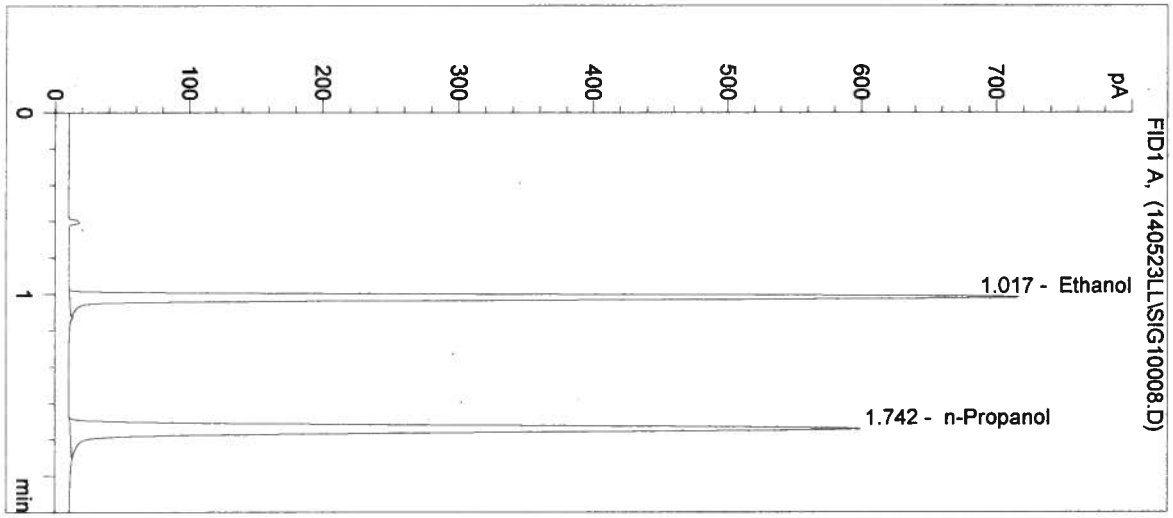


n-Propanol 0.012 g/100mL

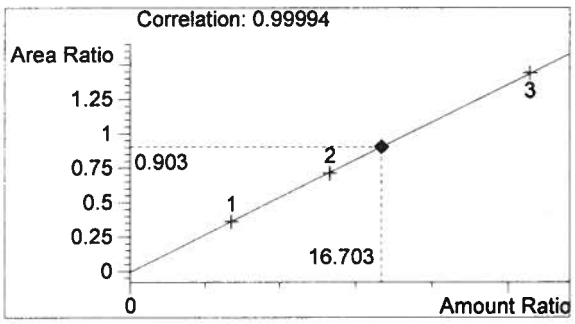
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/27/2014 11:23:20 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

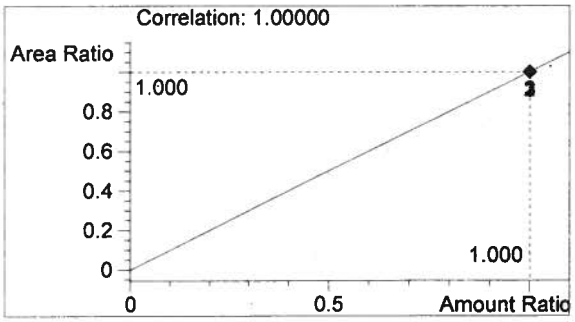


#	Compound	Peak Area	RT (min)
1	Ethanol	1431	1.017
2	n-Propanol	1584	1.742



Ethanol 0.200 g/100mL

14019

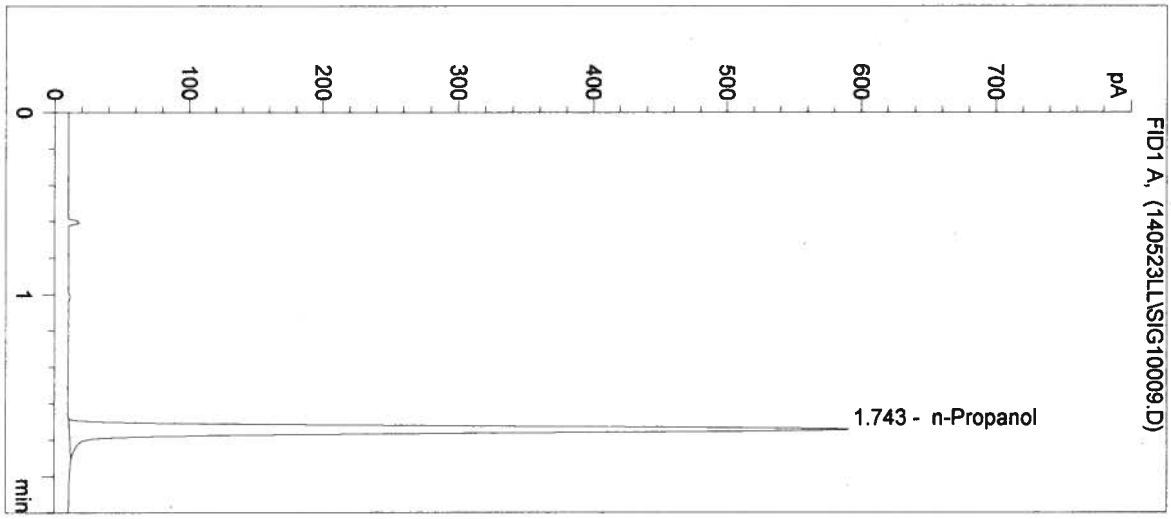


n-Propanol 0.012 g/100mL

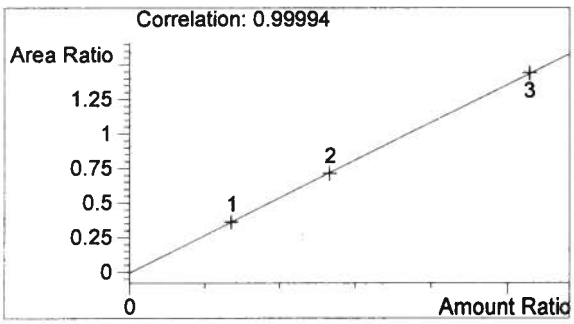
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/27/2014 11:26:27 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

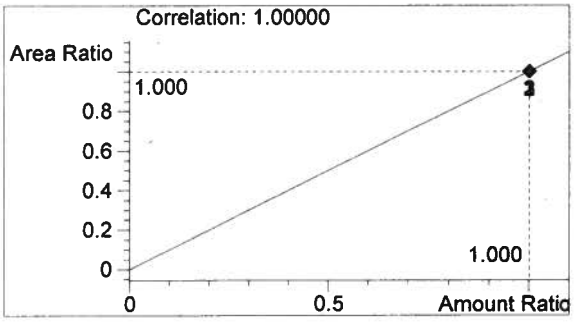


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1559	1.743



Ethanol 0.000 g/100mL

14019

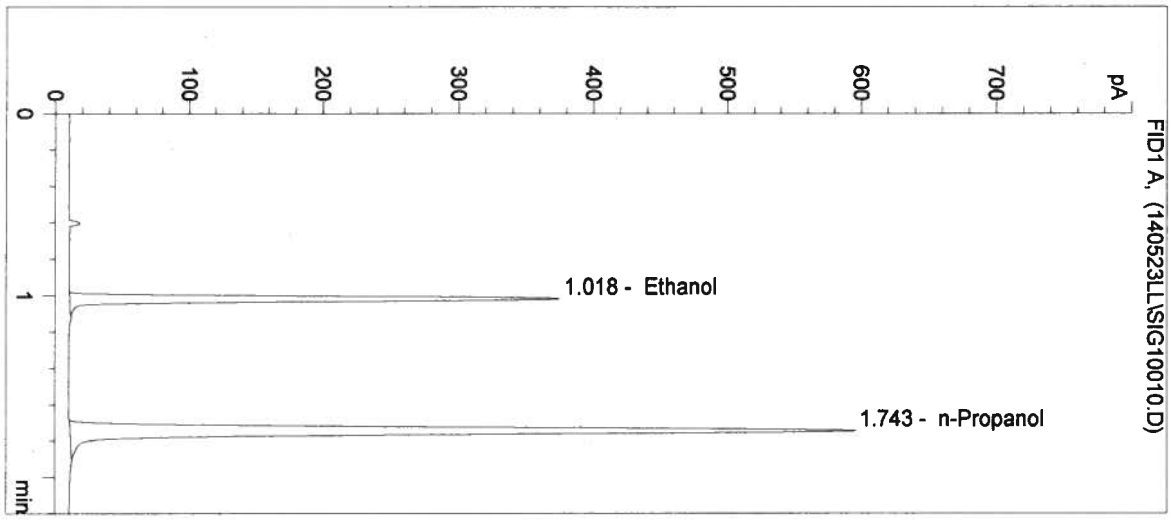


n-Propanol 0.012 g/100mL

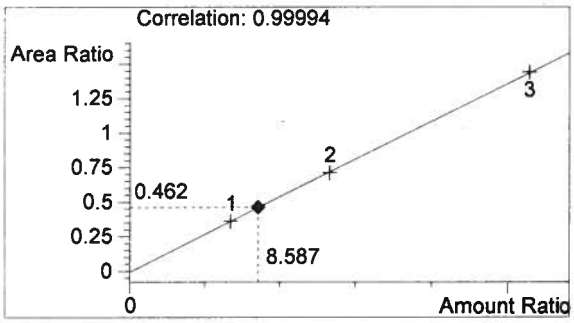
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/27/2014 11:29:34 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

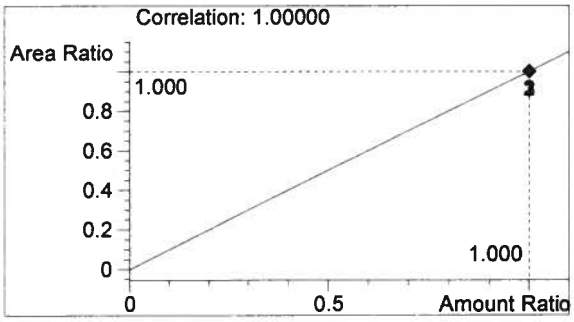
Sample Name: 14019 #1
Operator: Lyndsey Lowe
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	725	1.018
2	n-Propanol	1571	1.743



Ethanol 0.103 g/100mL

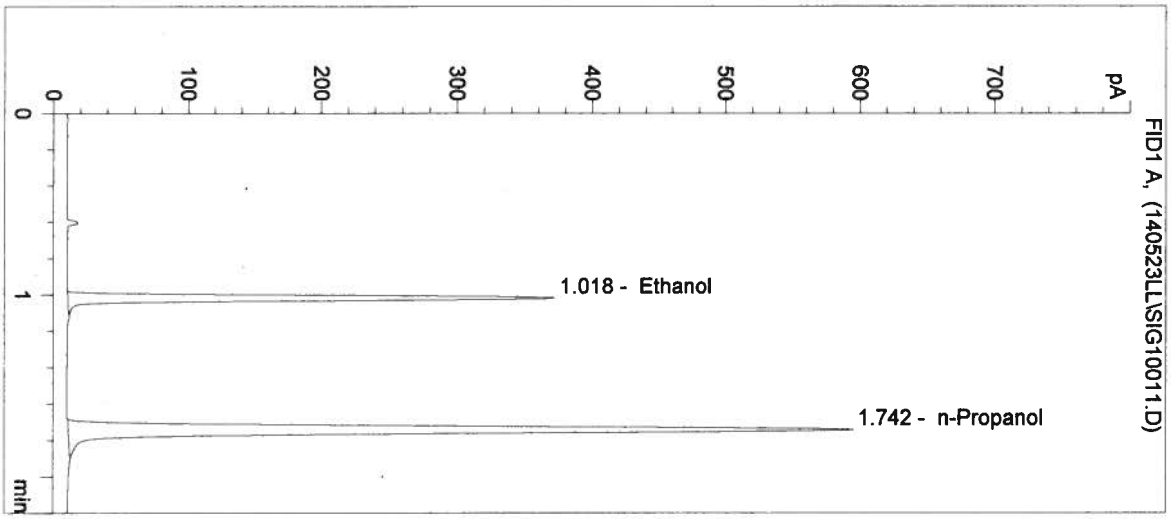


n-Propanol 0.012 g/100mL

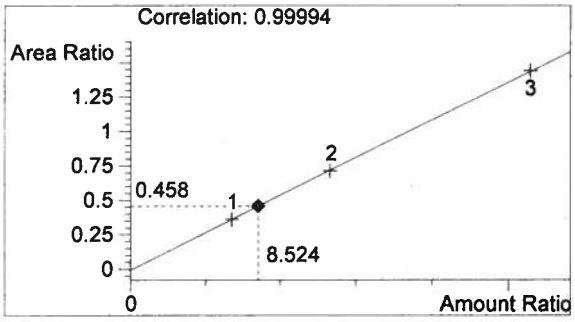
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/27/2014 11:32:42 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

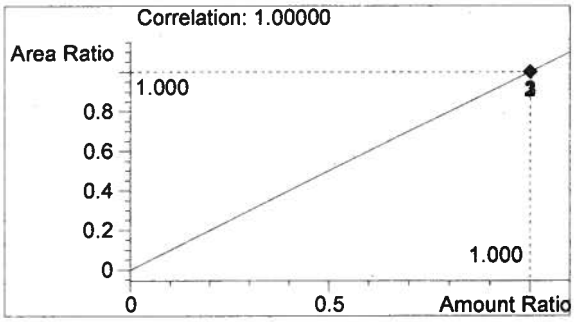
Sample Name: 14019 #2
Operator: Lyndsey Lowe
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	718	1.018
2	n-Propanol	1567	1.742



Ethanol 0.102 g/100mL

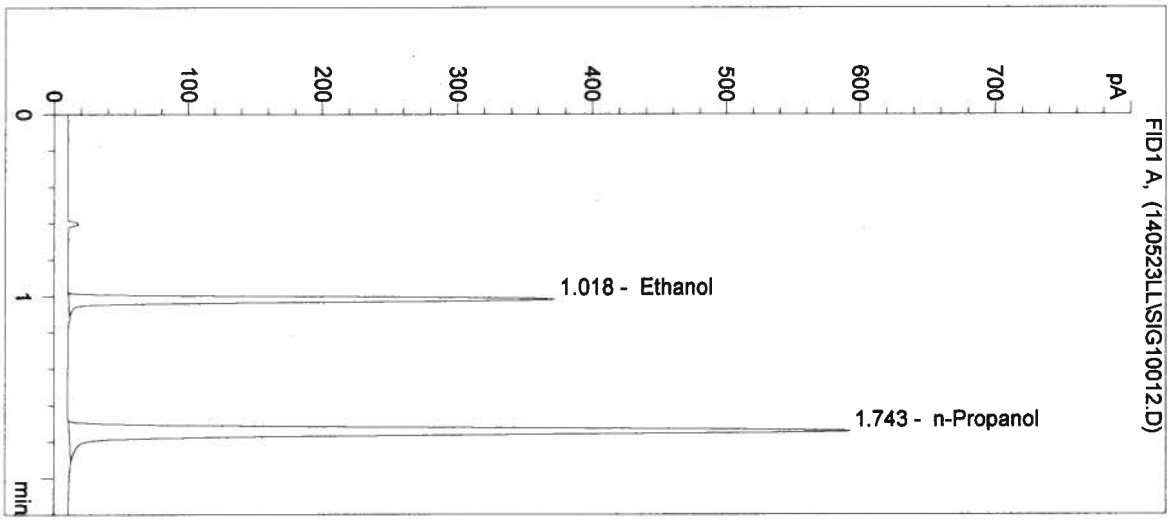


n-Propanol 0.012 g/100mL

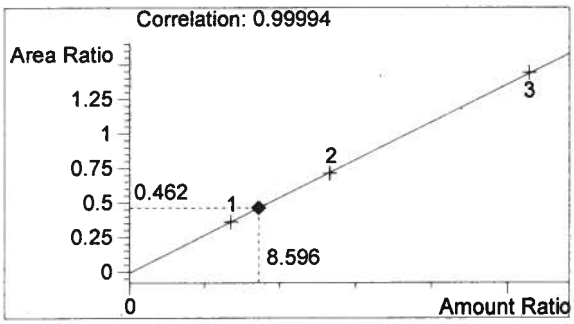
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/27/2014 11:35:49 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

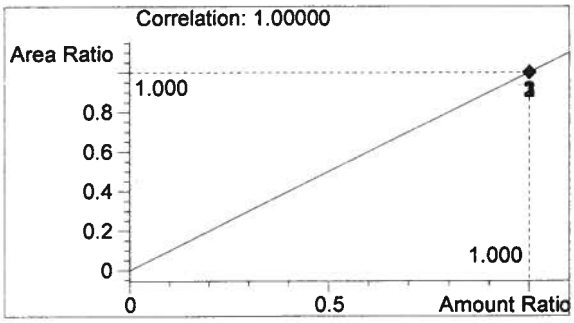
Sample Name: 14019 #3
Operator: Lyndsey Lowe
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	722	1.018
2	n-Propanol	1563	1.743



Ethanol 0.103 g/100mL

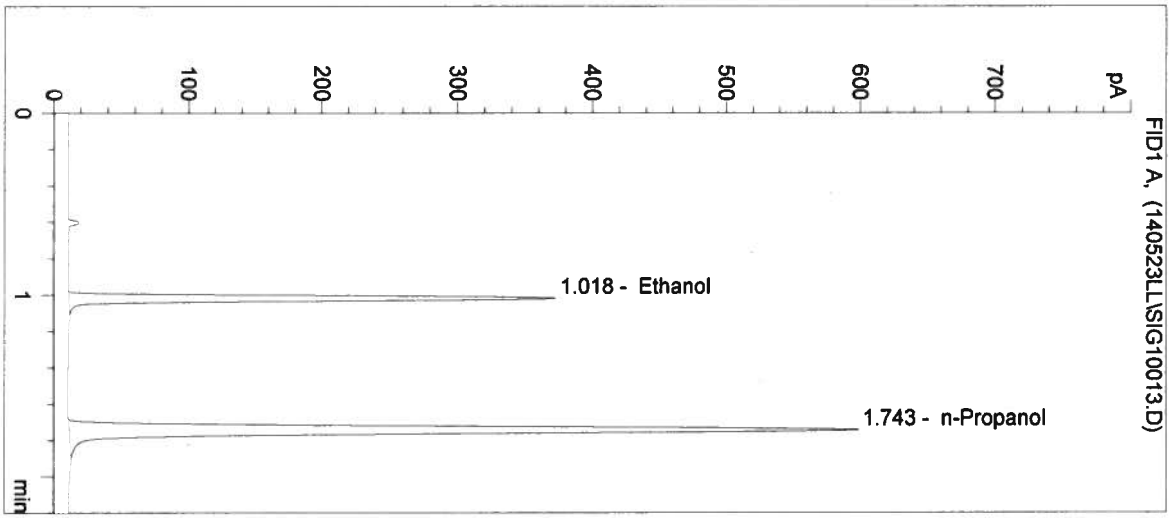


n-Propanol 0.012 g/100mL

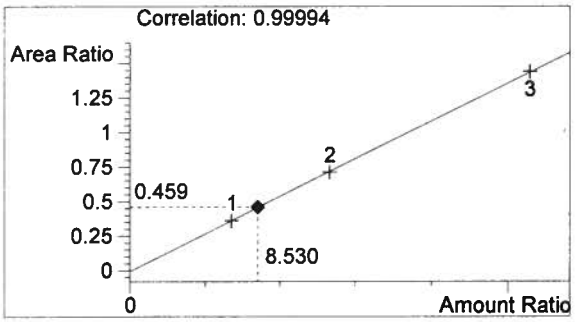
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/27/2014 11:38:57 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

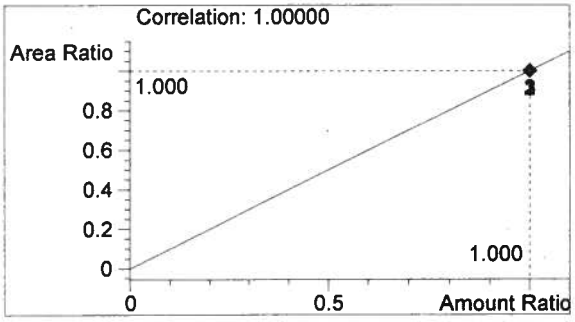
Sample Name: 14019 #4
Operator: Lyndsey Lowe
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	724	1.018
2	n-Propanol	1579	1.743



Ethanol 0.102 g/100mL



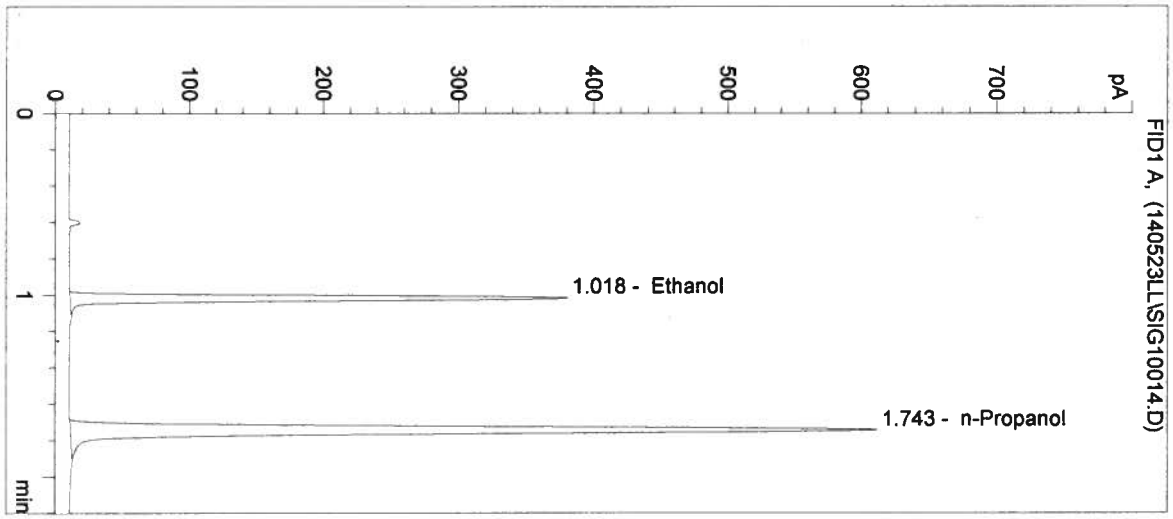
n-Propanol 0.012 g/100mL

W

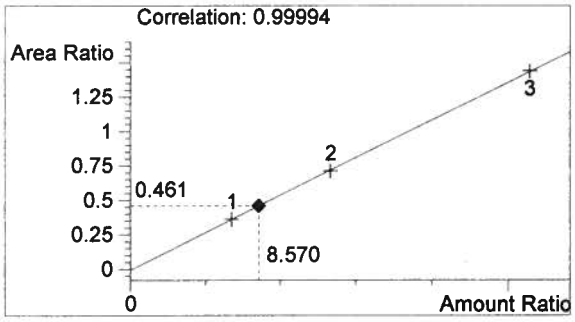
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/27/2014 11:42:04 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

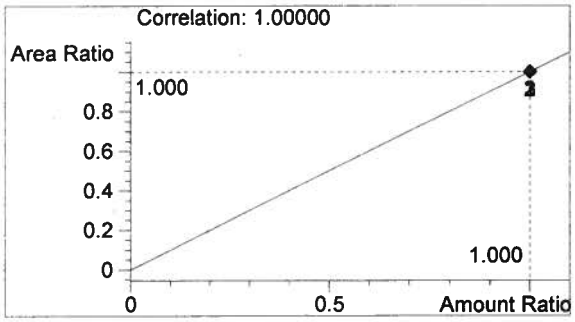
Sample Name: 14019 #5
Operator: Lyndsey Lowe
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	743	1.018
2	n-Propanol	1614	1.743



Ethanol 0.103 g/100mL

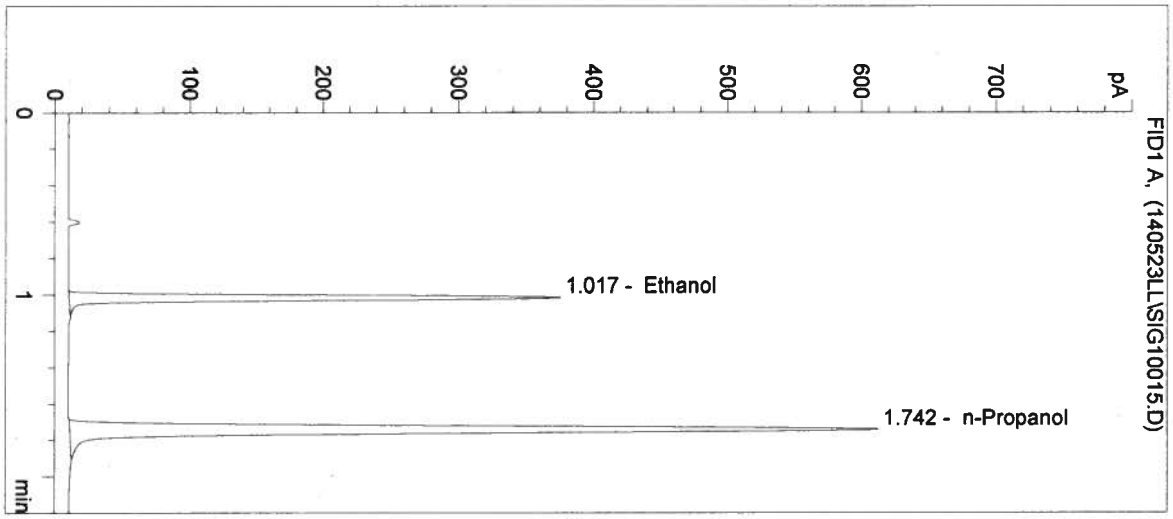


n-Propanol 0.012 g/100mL

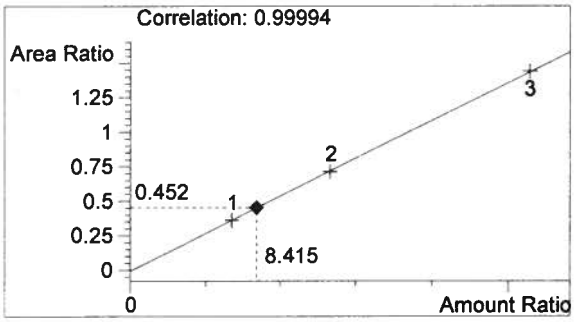
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/27/2014 11:45:12 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

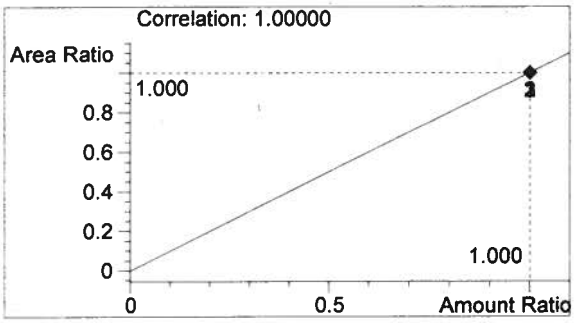


#	Compound	Peak Area	RT (min)
1	Ethanol	728	1.017
2	n-Propanol	1610	1.742



Ethanol 0.101 g/100mL

14019

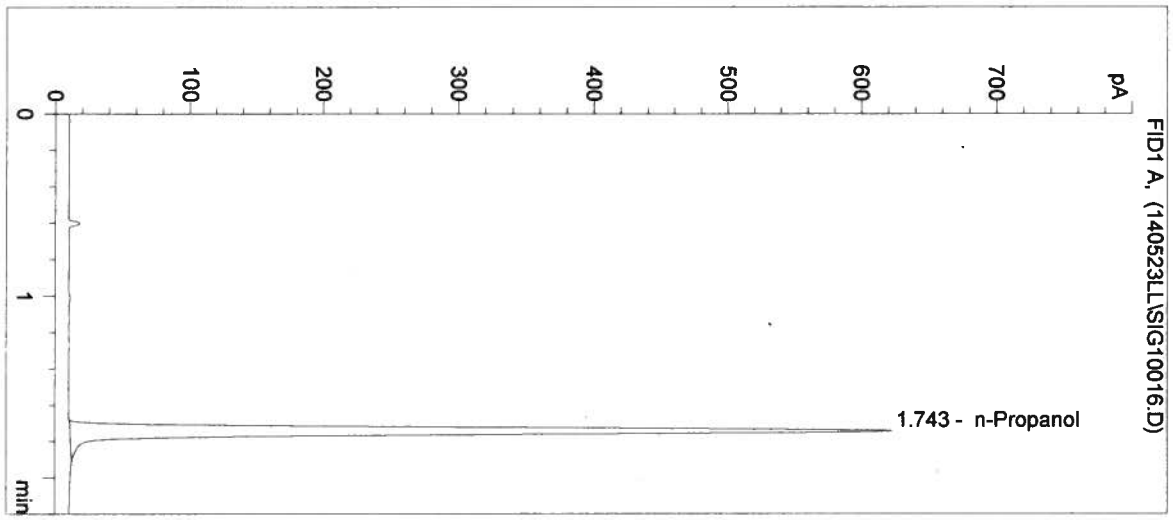


n-Propanol 0.012 g/100mL

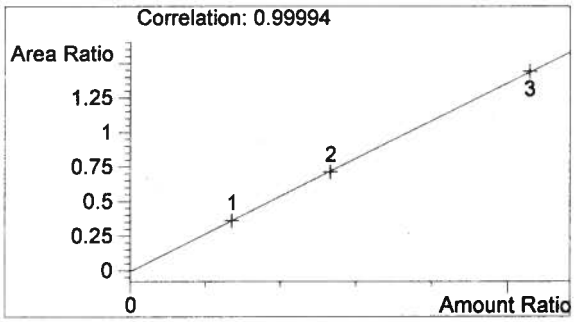
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/27/2014 11:48:19 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

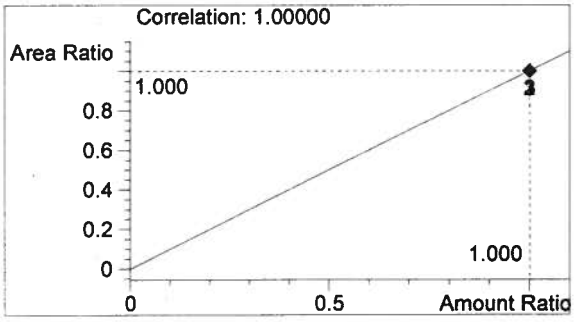


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1642	1.743



Ethanol 0.000 g/100mL

14019



n-Propanol 0.012 g/100mL

Sequence Parameters:

Sequence : C:\CHEM32\2\SEQUENCE\DSESS3.S

Operator : Dawn Sklerov

Data File Naming : Auto
Data Directory : C:\Chem32\2\DATA\

Data Subdirectory : 140602DS

Part of Methods to run : According to Runtime Checklist

Barcode Reader : not used

Shutdown Cmd/Macro : none

Sequence Comment :
Cal 1: 0.079 g/100mL - LOT# E0414-01 - exp 10/15/2014
Cal 2: 0.158 g/100mL - LOT# E0414-02 - exp 10/15/2014
Cal 1: 0.316 g/100mL - LOT# E0414-03 - exp 10/15/2014
CTRL 1: 0.04 g/100mL - LOT# FN05011301- exp 05/2018
CTRL 2: 0.10 g/100mL - LOT# FN08051301- exp 10/2018
CTRL 3: 0.20 g/100mL - LOT# FN100511-01 - exp 10/2016
n-propanol ISTD - LOT# P0314 - exp 06/24/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
1	Vial 1	BLANK	SIMALC3	1	Sample	
2	Vial 2	CAL 1 (0.079)	SIMALC3	1	Calib	
3	Vial 3	CAL 2 (0.158)	SIMALC3	1	Calib	
4	Vial 4	CAL 3 (0.316)	SIMALC3	1	Calib	
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp	
6	Vial 6	CTRL 1 (0.04)	SIMALC3	1	Ctrl Samp	
7	Vial 7	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp	
8	Vial 8	CTRL 3 (0.20)	SIMALC3	1	Ctrl Samp	
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp	

L 6/9/14
14019

DS

Sequence: C:\CHEM32\2\SEQUENCE\DSESS3.S

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
10	Vial 10	14019 #1	SIMALC3	1	Sample	
11	Vial 11	14019 #2	SIMALC3	1	Sample	
12	Vial 12	14019 #3	SIMALC3	1	Sample	
13	Vial 13	~~140019~~ 14019 #4	SIMALC3	1	Sample	
14	Vial 14	14019 #5 DS 6-2-14	SIMALC3	1	Sample	
15	Vial 15	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp	
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp	

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

= 14019

140602DS

DS

Calibration Table

General Calibration Setting

Calib. Data Modified : Monday, June 02, 2014 11:40:51 AM

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

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

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

Signal Details

Signal 1: FID1 A,

14019

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD	#	Compound
1.018	1	1	8.12400e-2	580.20251	1.40020e-4	No	No	1	Ethanol
		2	1.59860e-1	1162.79102	1.37480e-4				
		3	3.17330e-1	2289.50146	1.38602e-4				
1.742	1	1	1.20000e-2	1606.22424	7.47094e-6	No	Yes	1	n-Propanol

140602DS
DS

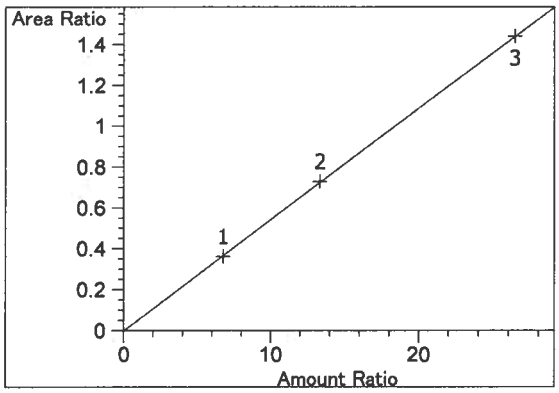
Method C:\CHEM32\2\METHODS\SIMALC3.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	1596.58276	7.51605e-6			
		3	1.20000e-2	1590.26282	7.54592e-6			

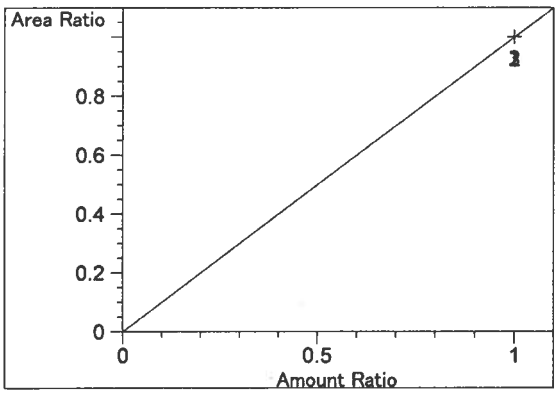
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.018
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00521
Formula: y = mx + b
m: 5.45503e-2
b: -2.33061e-3
x: Amount
y: Area



n-Propanol at exp. RT: 1.742
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

14019

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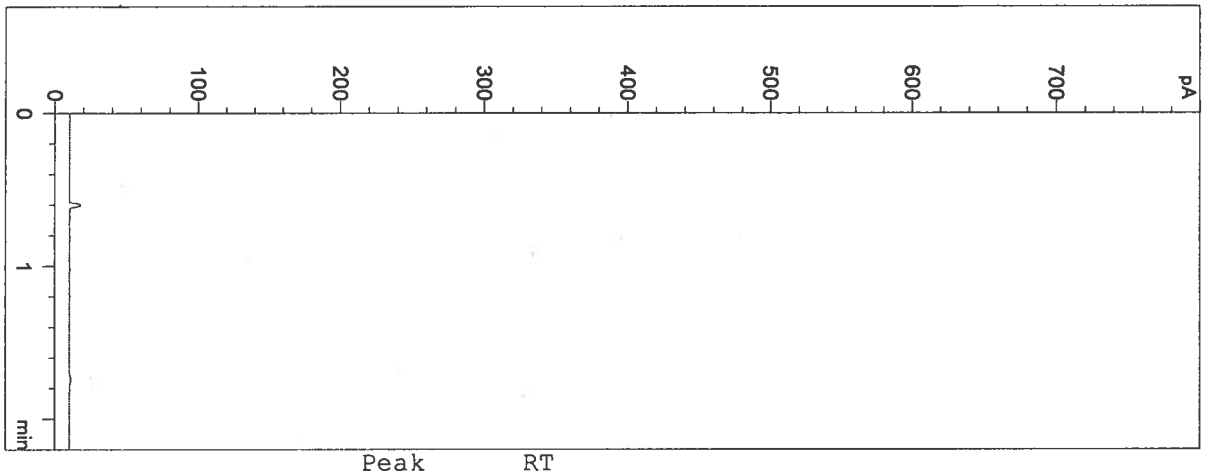
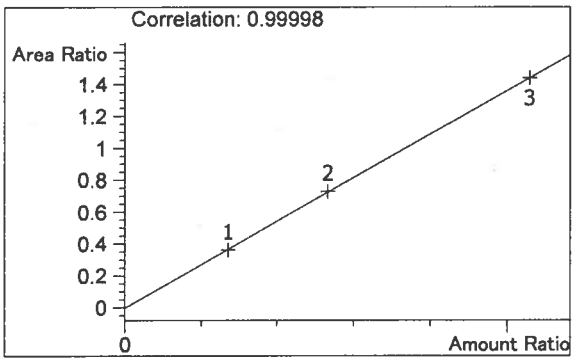
DS

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

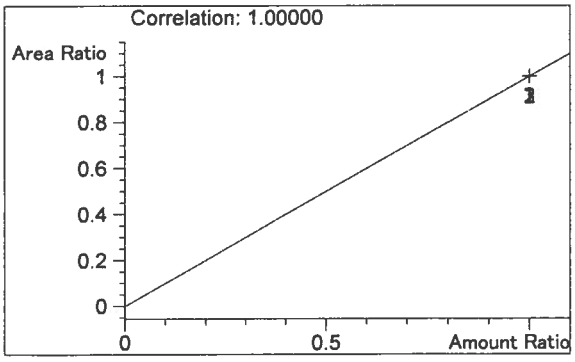
Inj. Date: 6/2/2014 11:28:43 AM Sample Name: BLANK
Instrument: HSGC 3 Operator: Dawn Sklerov
Column: DB-ALC2 Location: Vial 1
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



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



Ethanol 0.000 g/100mL



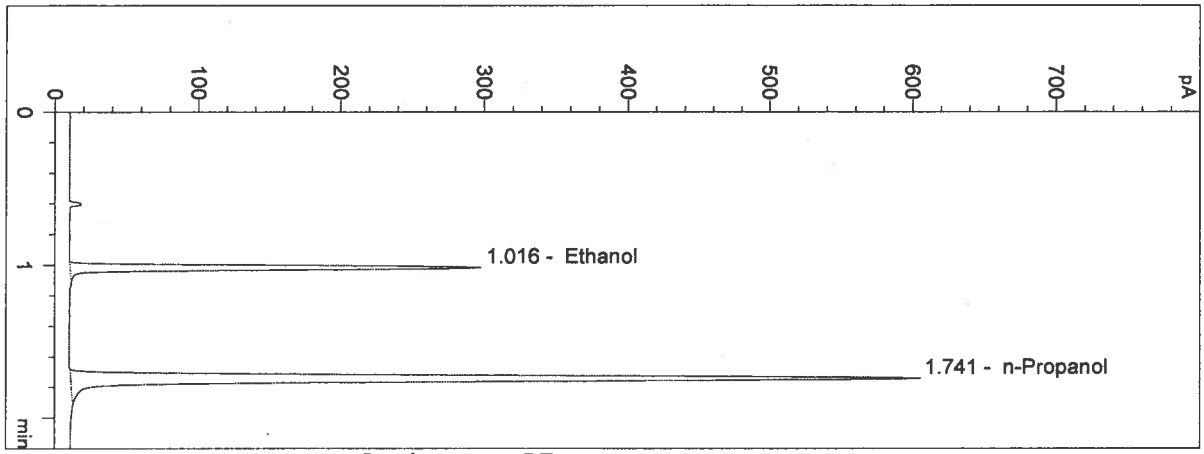
n-Propanol 0.000 g/100mL

14019

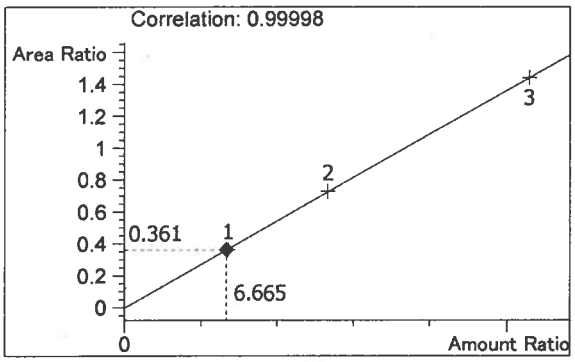
DS

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

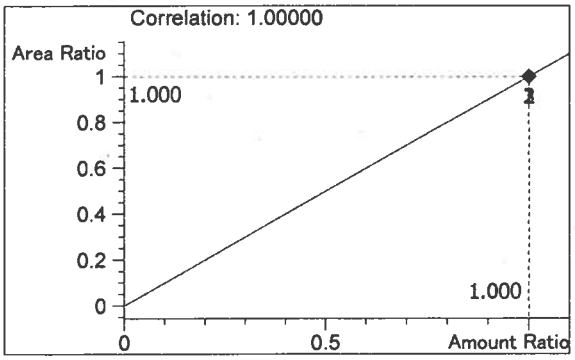
Inj. Date: 6/2/2014 11:32:03 AM Sample Name: CAL 1 (0.079)
Instrument: HSGC 3 Operator: Dawn Sklerov
Column: DB-ALC2 Location: Vial 2
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	580	1.016
2	n-Propanol	1606	1.741



Ethanol 0.080 g/100mL



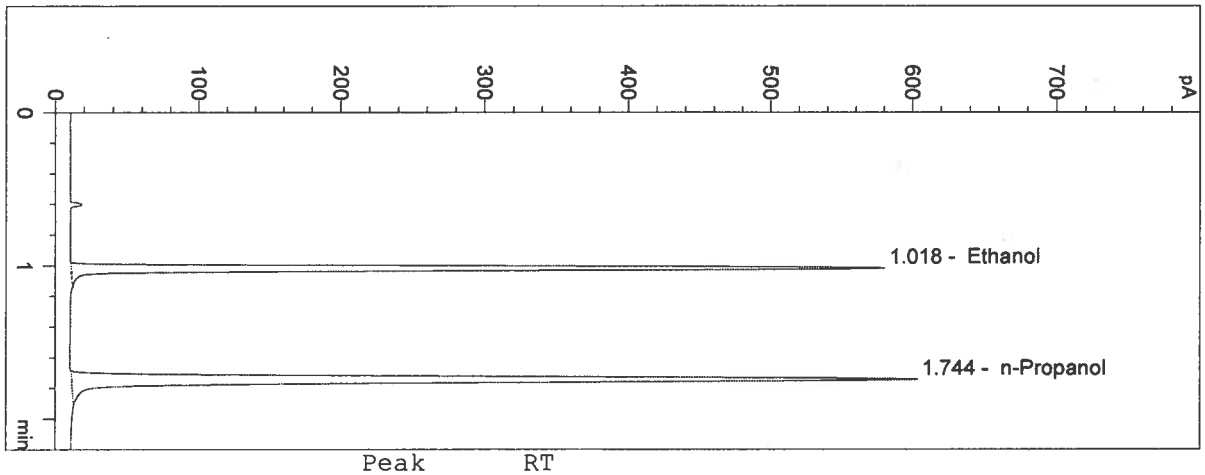
n-Propanol 0.012 g/100mL

14019

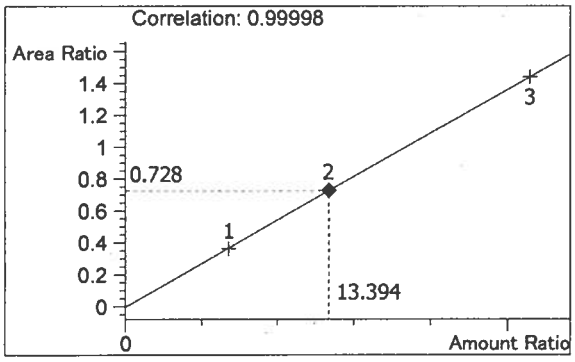
DS

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

Inj. Date: 6/2/2014 11:35:21 AM Sample Name: CAL 2 (0.158)
Instrument: HSGC 3 Operator: Dawn Sklerov
Column: DB-ALC2 Location: Vial 3
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

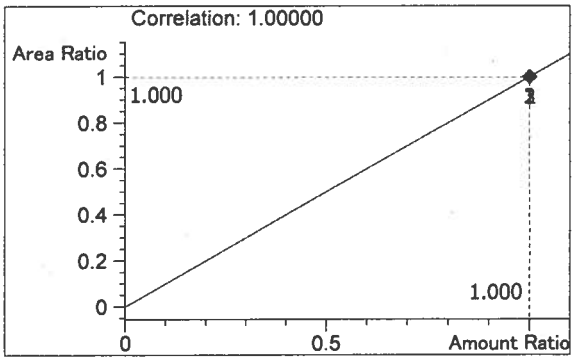


#	Compound	Peak Area	RT (min)
1	Ethanol	1163	1.018
2	n-Propanol	1597	1.744



Ethanol 0.161 g/100mL

14019

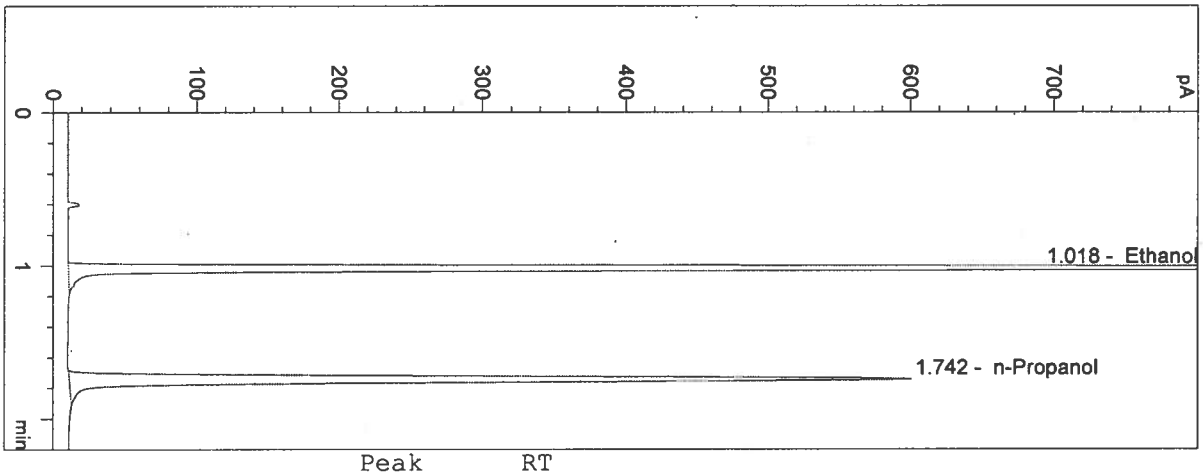


n-Propanol 0.012 g/100mL

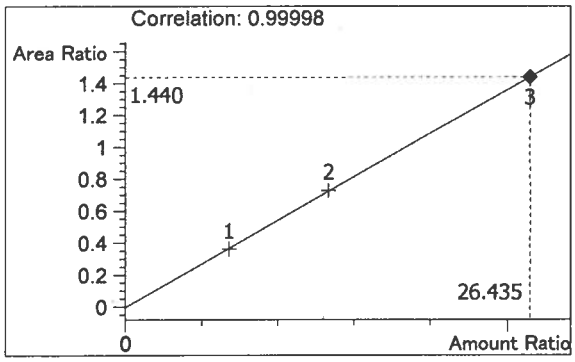
DS

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

Inj. Date: 6/2/2014 11:38:37 AM Sample Name: CAL 3 (0.316)
Instrument: HSGC 3 Operator: Dawn Sklerov
Column: DB-ALC2 Location: Vial 4
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

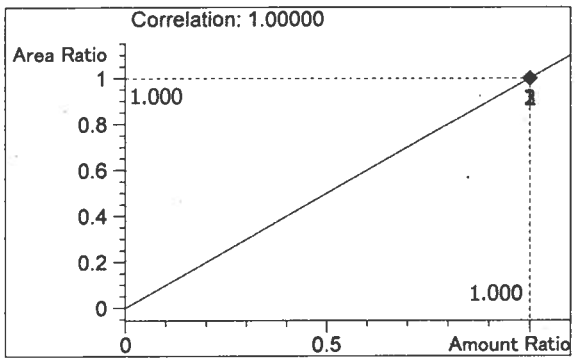


#	Compound	Peak Area	RT (min)
1	Ethanol	2290	1.018
2	n-Propanol	1590	1.742



Ethanol 0.317 g/100mL

14019

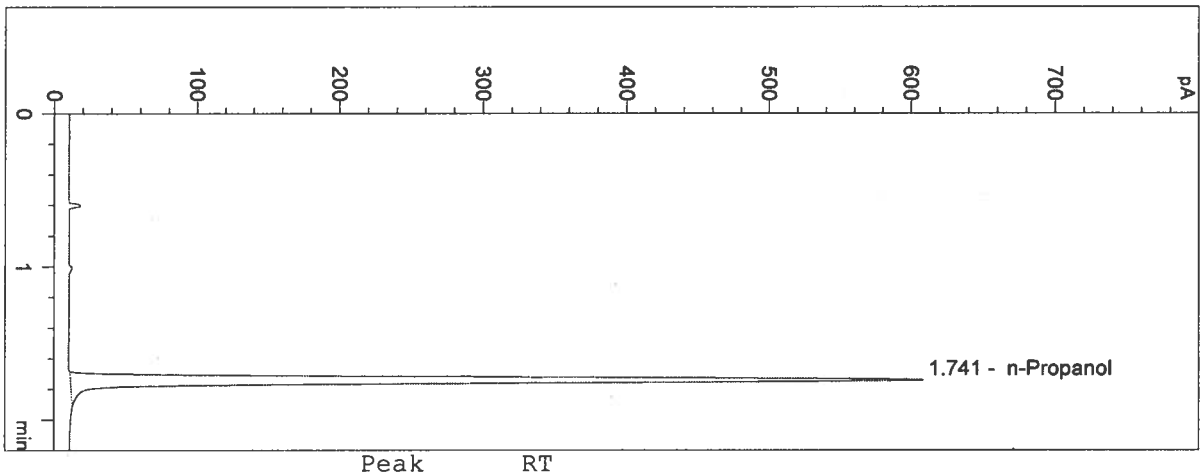


n-Propanol 0.012 g/100mL

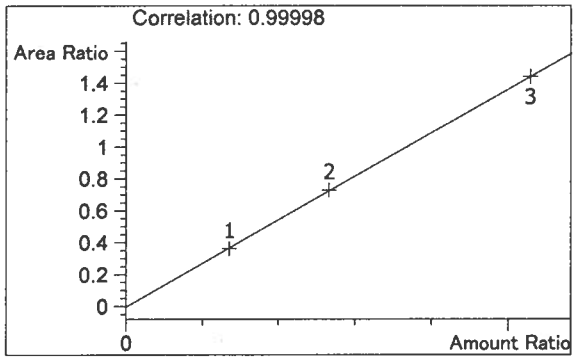
DS

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

Inj. Date: 6/2/2014 11:41:50 AM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Dawn Sklerov
Column: DB-ALC2 Location: Vial 5
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

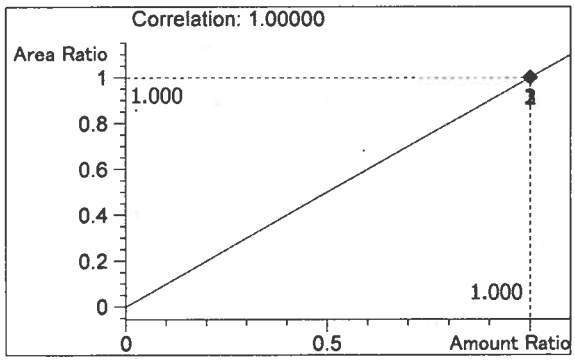


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1613	1.741



Ethanol 0.000 g/100mL

14019

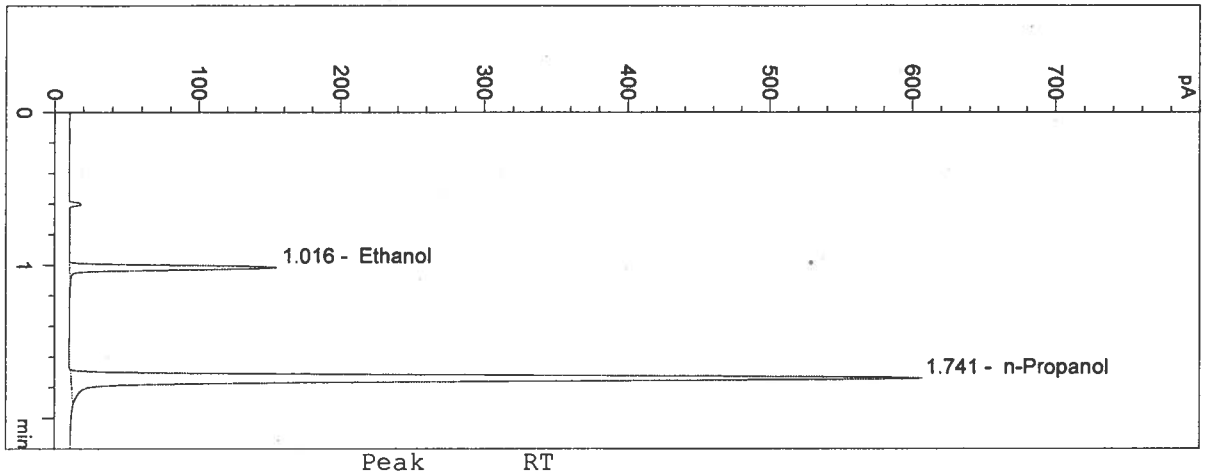


n-Propanol 0.012 g/100mL

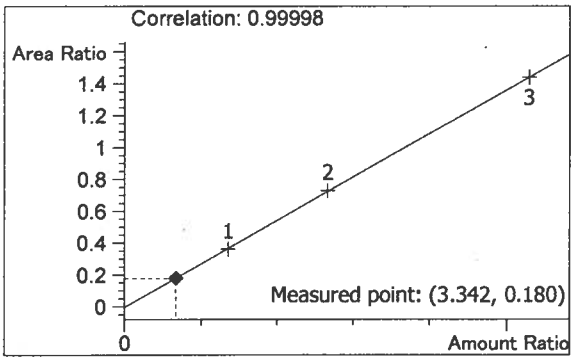
DS

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

Inj. Date: 6/2/2014 11:45:04 AM Sample Name: CTRL 1 (0.04)
Instrument: HSGC 3 Operator: Dawn Sklerov
Column: DB-ALC2 Location: Vial 6
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

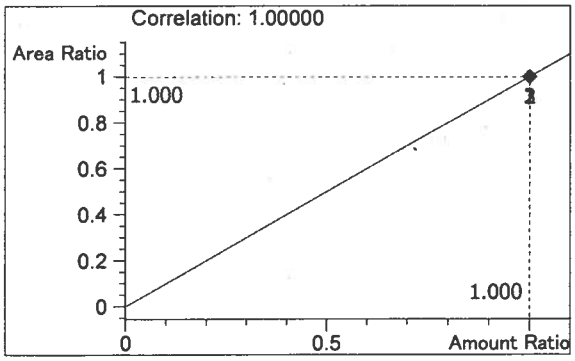


#	Compound	Peak Area	RT (min)
1	Ethanol	289	1.016
2	n-Propanol	1609	1.741



Ethanol 0.040 g/100mL

14019

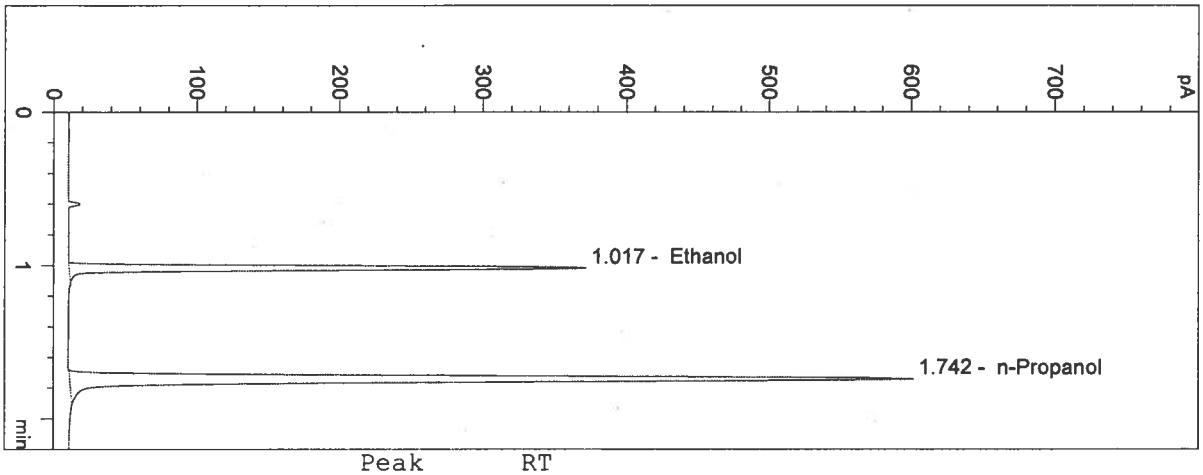


n-Propanol 0.012 g/100mL

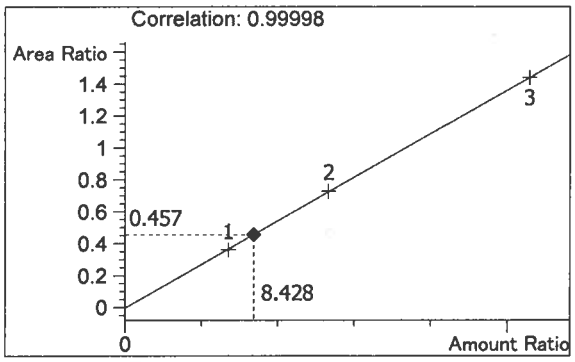
DS

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

Inj. Date: 6/2/2014 11:48:16 AM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 3 Operator: Dawn Sklerov
Column: DB-ALC2 Location: Vial 7
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

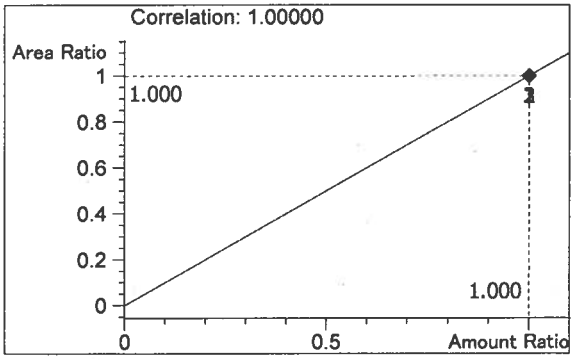


#	Compound	Peak Area	RT (min)
1	Ethanol	729	1.017
2	n-Propanol	1594	1.742



Ethanol 0.101 g/100mL

14019

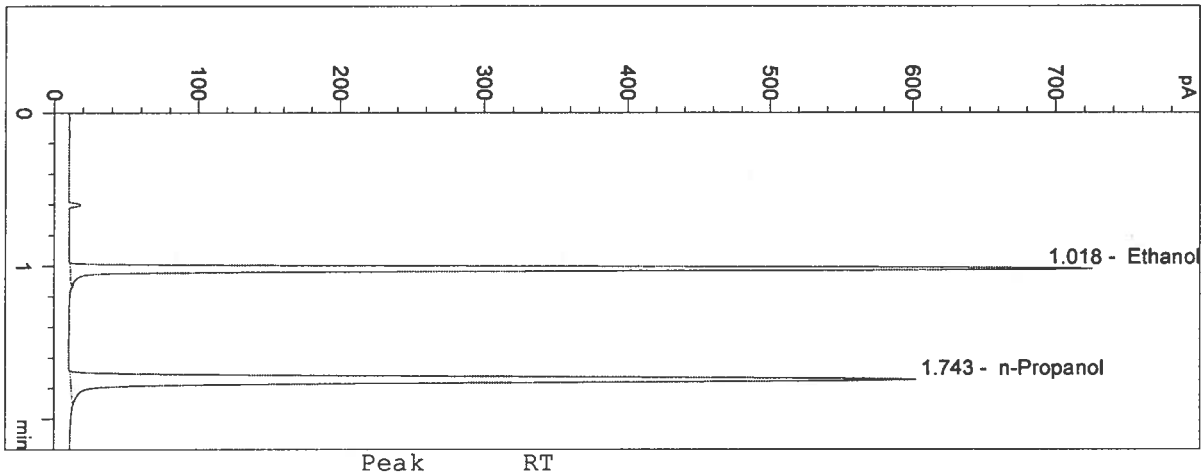


n-Propanol 0.012 g/100mL

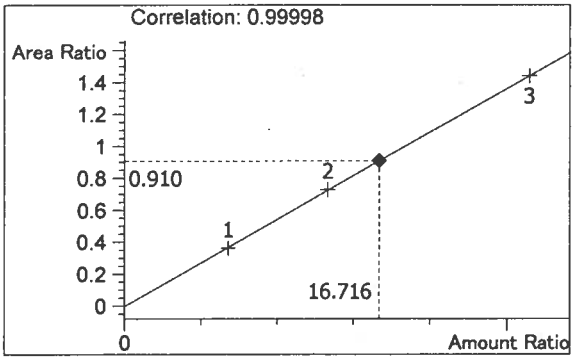
DS

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

Inj. Date: 6/2/2014 11:51:31 AM Sample Name: CTRL 3 (0.20)
Instrument: HSGC 3 Operator: Dawn Sklerov
Column: DB-ALC2 Location: Vial 8
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

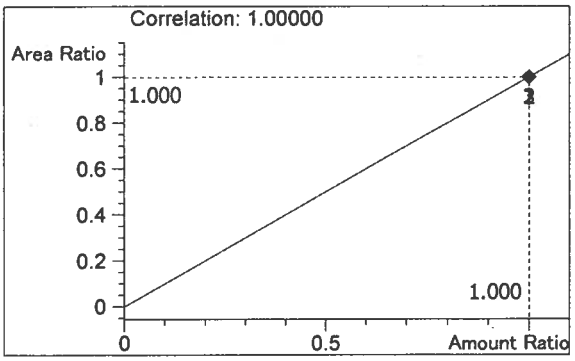


#	Compound	Peak Area	RT (min)
1	Ethanol	1447	1.018
2	n-Propanol	1591	1.743



Ethanol 0.201 g/100mL

14019

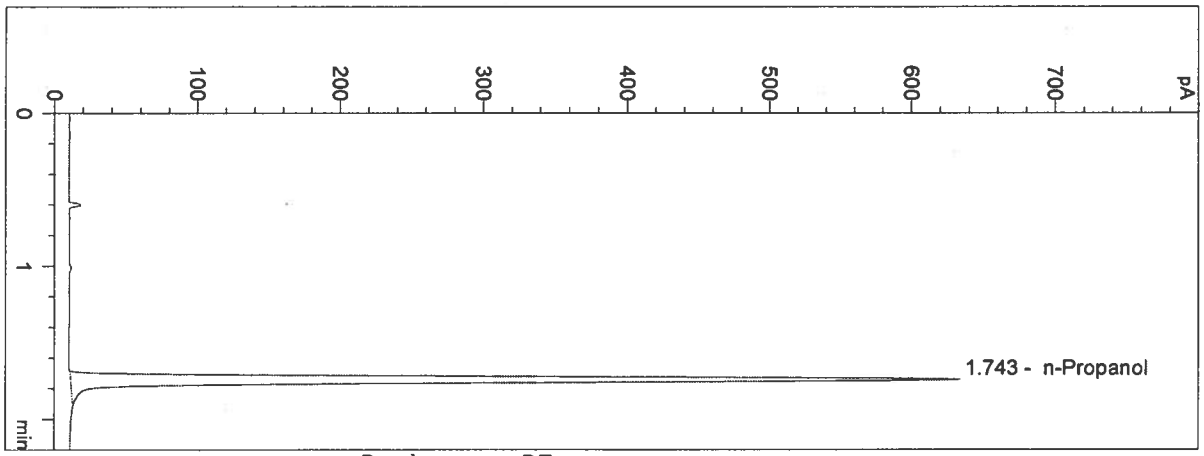


n-Propanol 0.012 g/100mL

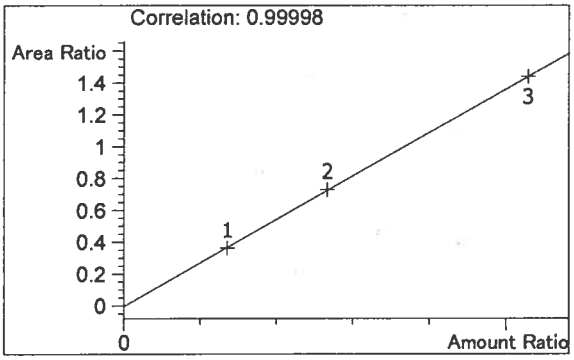
DS

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

Inj. Date: 6/2/2014 11:54:43 AM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Dawn Sklerov
Column: DB-ALC2 Location: Vial 9
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

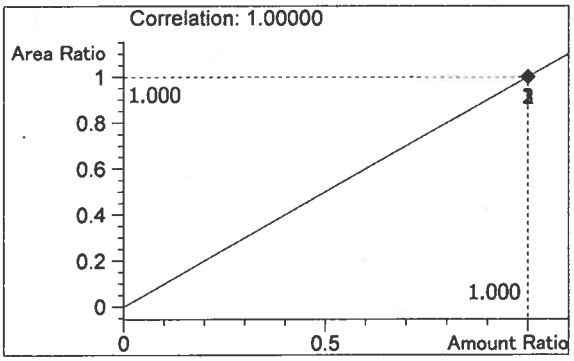


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1680	1.743



Ethanol 0.000 g/100mL

14019

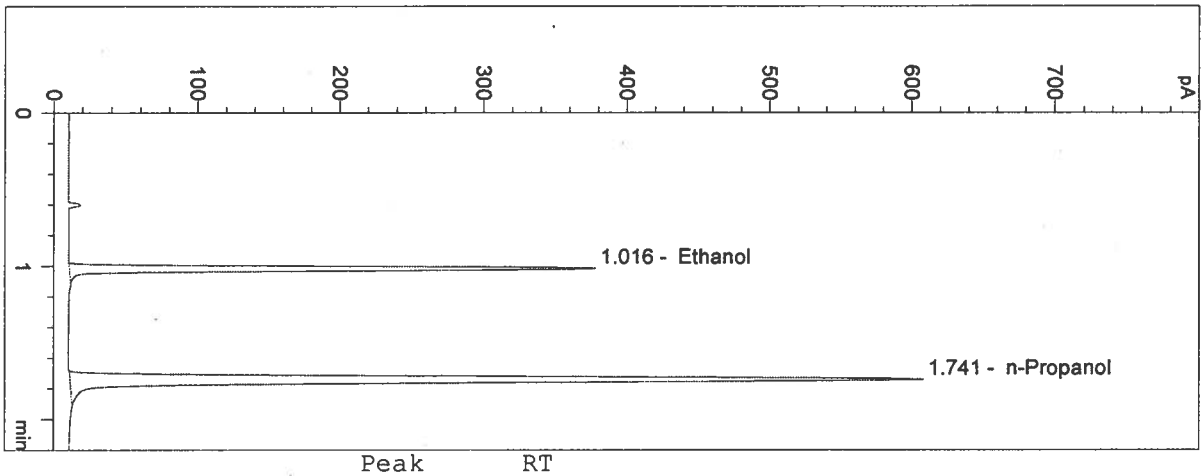


n-Propanol 0.012 g/100mL

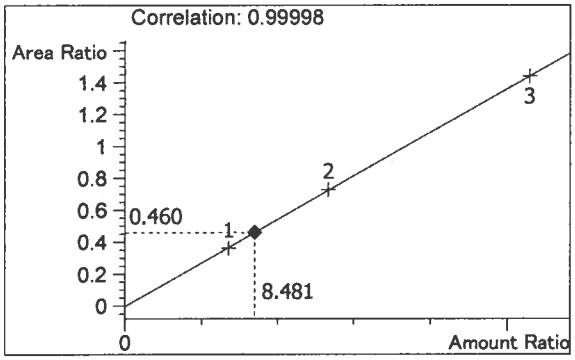
DS

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

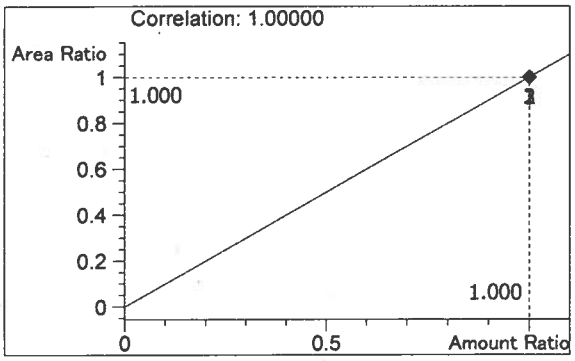
Inj. Date: 6/2/2014 11:57:56 AM Sample Name: 14019 #1
Instrument: HSGC 3 Operator: Dawn Sklerov
Column: DB-ALC2 Location: Vial 10
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	742	1.016
2	n-Propanol	1612	1.741



Ethanol 0.102 g/100mL

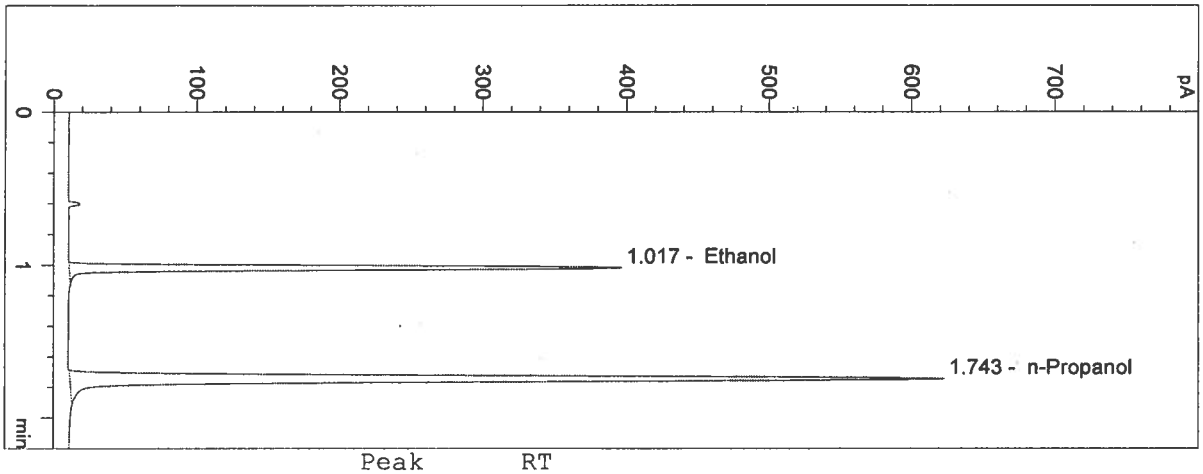


n-Propanol 0.012 g/100mL

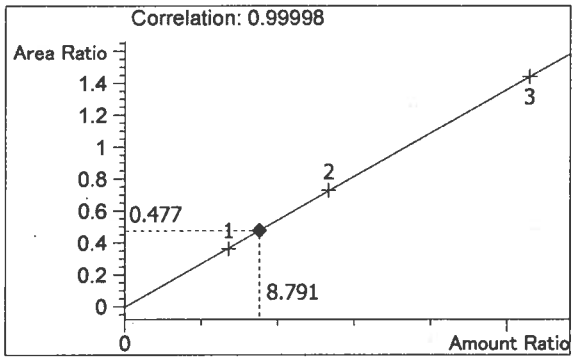
05

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

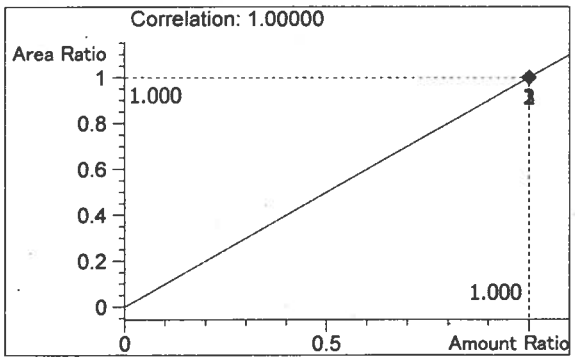
Inj. Date: 6/2/2014 12:01:10 PM Sample Name: 14019 #2
Instrument: HSGC 3 Operator: Dawn Sklerov
Column: DB-ALC2 Location: Vial 11
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	787	1.017
2	n-Propanol	1650	1.743



Ethanol 0.105 g/100mL

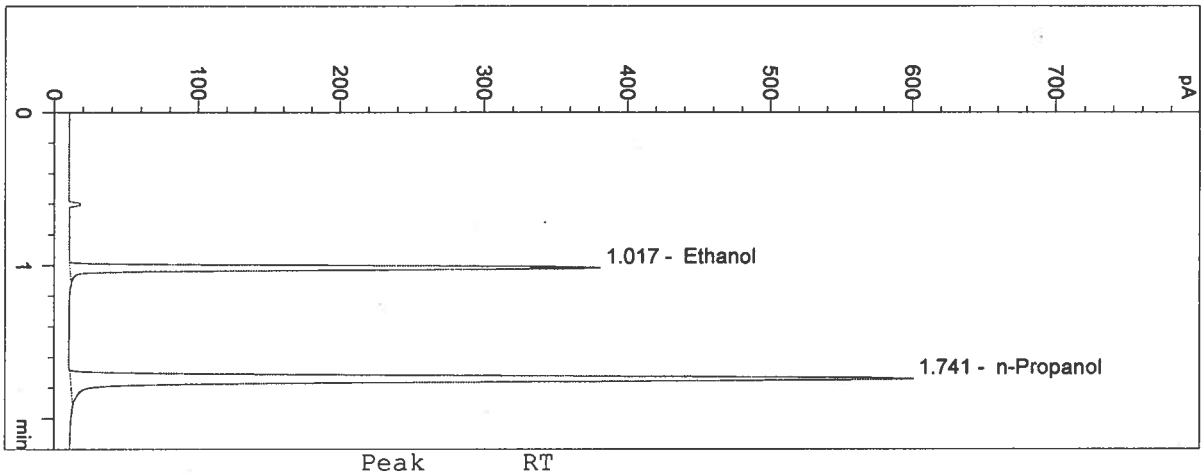


n-Propanol 0.012 g/100mL

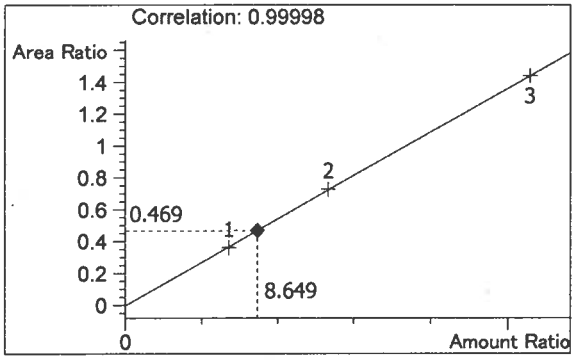
DS

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

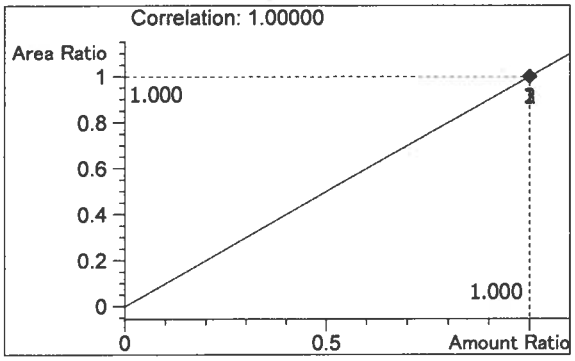
Inj. Date: 6/2/2014 12:04:25 PM Sample Name: 14019 #3
Instrument: HSGC 3 Operator: Dawn Sklerov
Column: DB-ALC2 Location: Vial 12
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	748	1.017
2	n-Propanol	1593	1.741



Ethanol 0.104 g/100mL

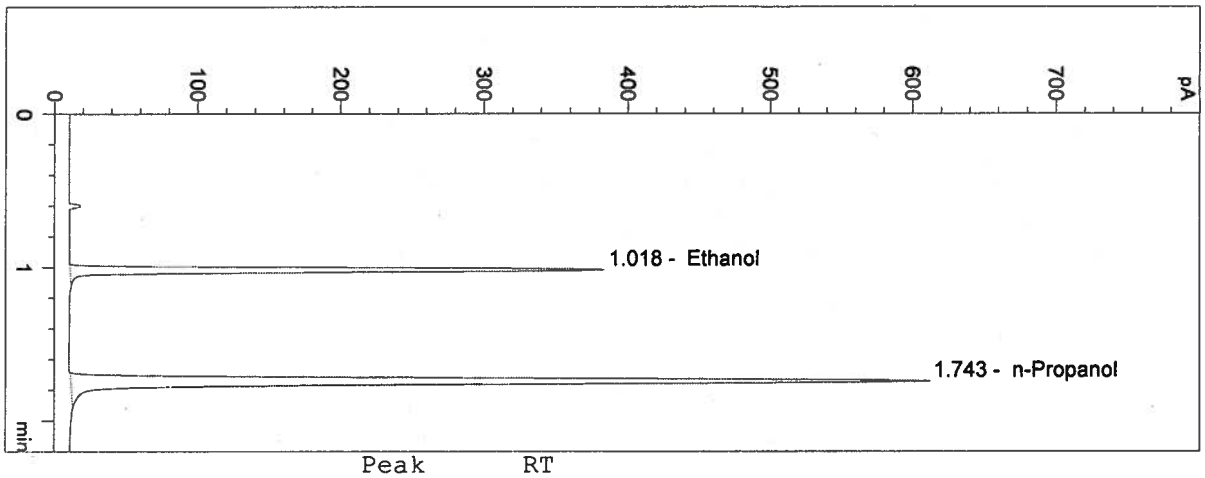


n-Propanol 0.012 g/100mL

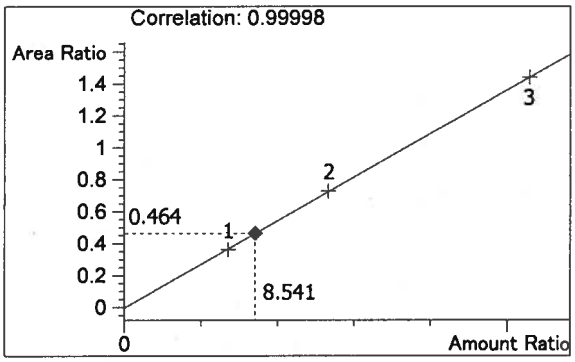
DS

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

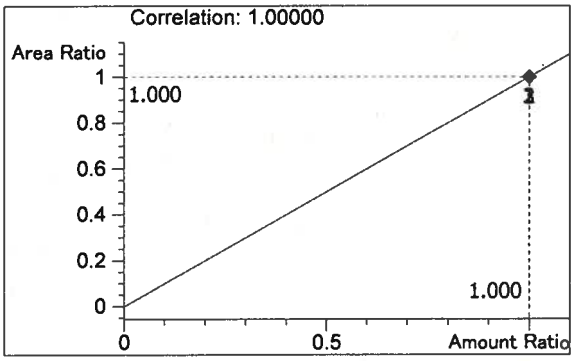
Inj. Date: 6/2/2014 12:07:36 PM Sample Name: ~~140019~~ 14019 #4 DS 6-2-14
Instrument: HSGC 3 Operator: Dawn Sklerov
Column: DB-ALC2 Location: Vial 13
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	751	1.018
2	n-Propanol	1619	1.743



Ethanol 0.102 g/100mL

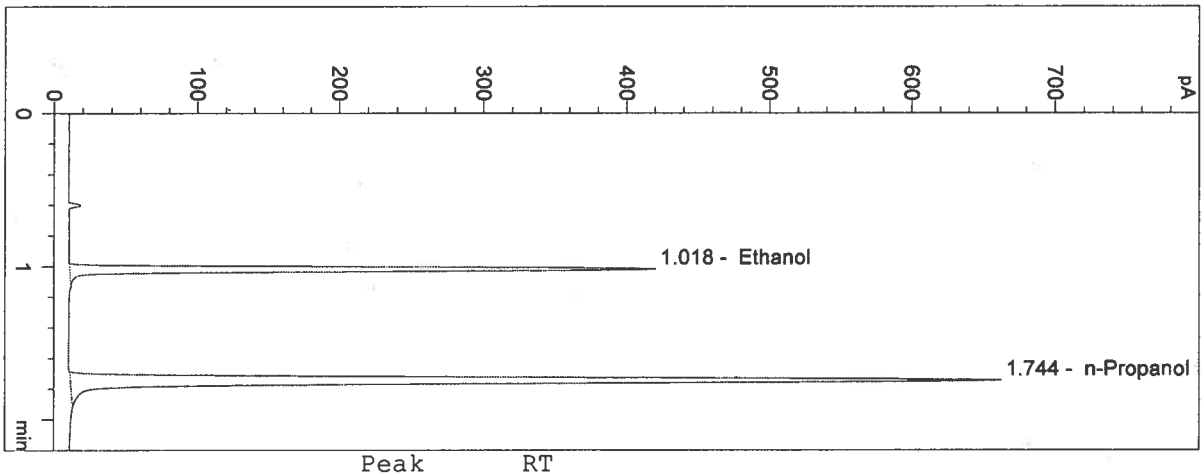


n-Propanol 0.012 g/100mL

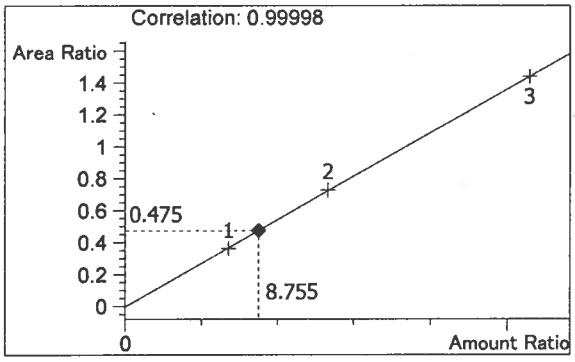
DS

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

Inj. Date: 6/2/2014 12:10:51 PM Sample Name: 14019 #5
Instrument: HSGC 3 Operator: Dawn Sklerov
Column: DB-ALC2 Location: Vial 14
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

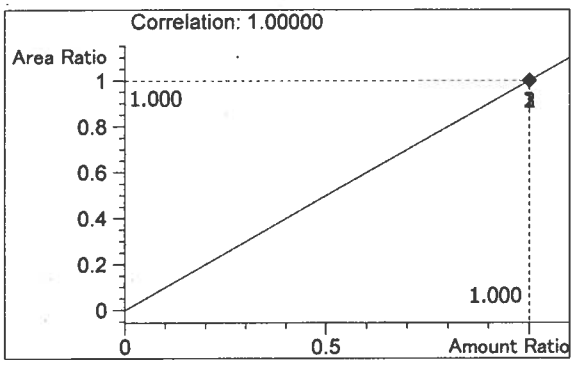


#	Compound	Peak Area	RT (min)
1	Ethanol	832	1.018
2	n-Propanol	1750	1.744



Ethanol 0.105 g/100mL

14019

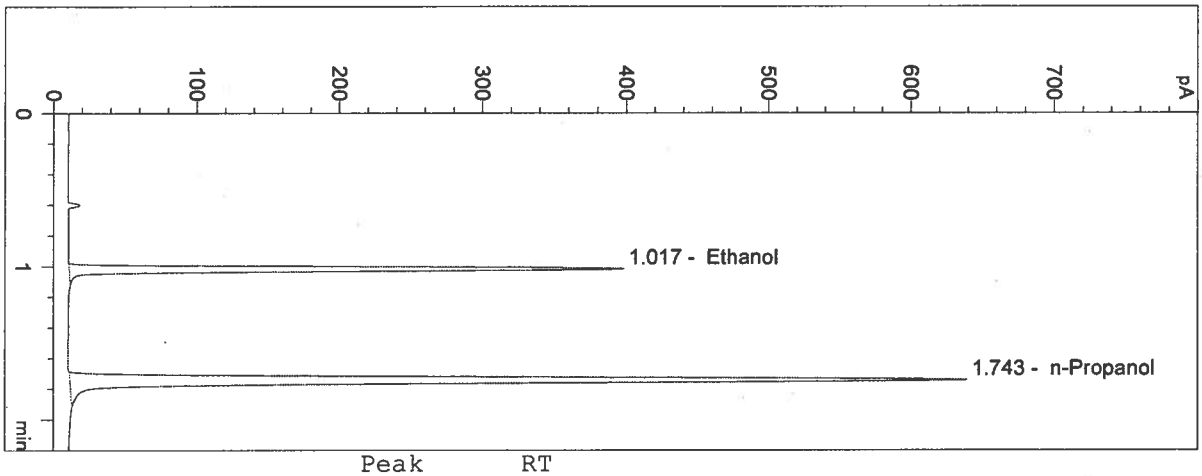


n-Propanol 0.012 g/100mL

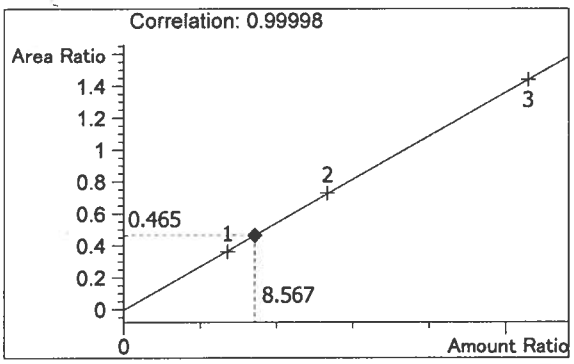
DS

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

Inj. Date: 6/2/2014 12:14:06 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 3 Operator: Dawn Sklerov
Column: DB-ALC2 Location: Vial 15
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

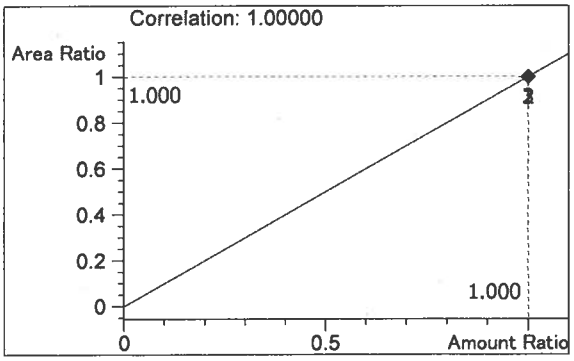


#	Compound	Peak Area	RT (min)
1	Ethanol	785	1.017
2	n-Propanol	1688	1.743



Ethanol 0.103 g/100mL

14019

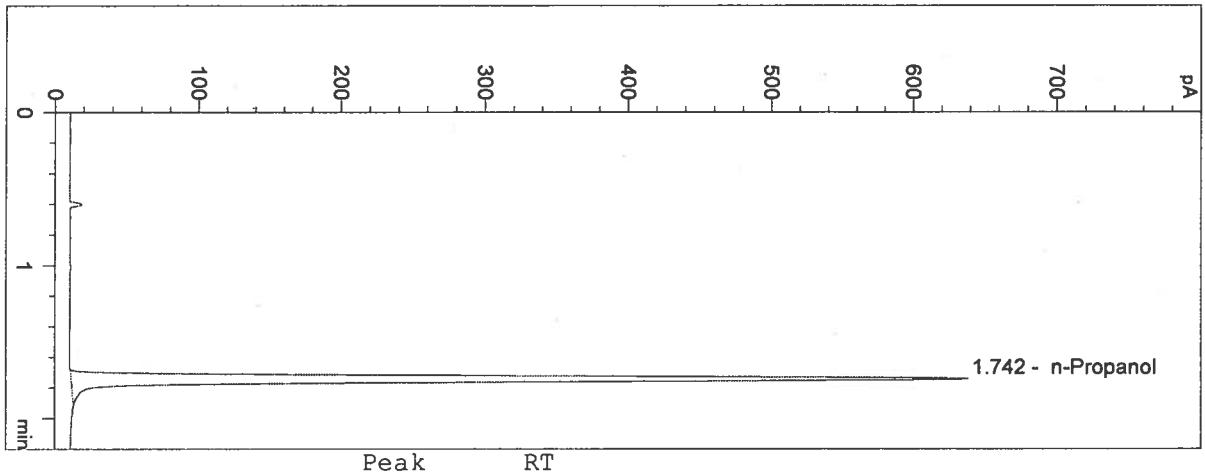


n-Propanol 0.012 g/100mL

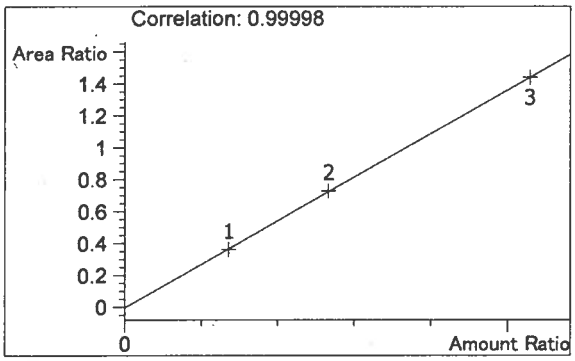
DS

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

Inj. Date: 6/2/2014 12:17:18 PM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Dawn Sklerov
Column: DB-ALC2 Location: Vial 16
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

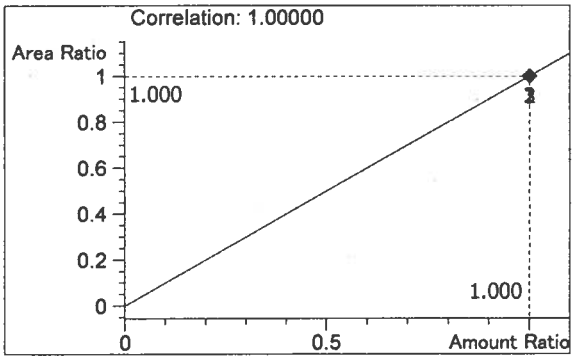


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1694	1.742



Ethanol 0.000 g/100mL

14019



n-Propanol 0.012 g/100mL

DS

Sequence Parameters:

Sequence : C:\CHEM32\2\SEQUENCE\KKESS.S

Operator : Katie Knorr

Data File Naming : Auto
Data Directory : C:\Chem32\2\DATA\

Data Subdirectory : 140602kk

Part of Methods to run : According to Runtime Checklist

Barcode Reader : not used

Shutdown Cmd/Macro : none

Sequence Comment :
Cal 1: 0.079 g/100mL - LOT# E0414-01 - exp 10/15/2014
Cal 2: 0.158 g/100mL - LOT# E0414-02 - exp 10/15/2014
Cal 1: 0.316 g/100mL - LOT# E0414-03 - exp 10/15/2014
CTRL 1: 0.04 g/100mL - LOT# FN05011301- exp 05/2018
CTRL 2: 0.10 g/100mL - LOT# FN08051301- exp 10/2018
CTRL 3: 0.20 g/100mL - LOT# FN100511-01 - exp 10/2016
n-propanol ISTD - LOT# P0314 - exp 06/24/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
1	Vial 1	BLANK	SIMALC3	1	Sample	
2	Vial 2	CAL 1 (0.079)	SIMALC3	1	Calib	
3	Vial 3	CAL 2 (0.158)	SIMALC3	1	Calib	
4	Vial 4	CAL 3 (0.316)	SIMALC3	1	Calib	
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp	
6	Vial 6	CTRL 1 (0.04)	SIMALC3	1	Ctrl Samp	
7	Vial 7	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp	
8	Vial 8	CTRL 3 (0.20)	SIMALC3	1	Ctrl Samp	
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp	
10	Vial 10	14019 #1	SIMALC3	1	Sample	

14019

KK

Sequence: C:\CHEM32\2\SEQUENCE\KKESS.S

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
11	Vial 11	14019 #2	SIMALC3	1	Sample	
12	Vial 12	14019 #3	SIMALC3	1	Sample	
13	Vial 13	14019 KK 6/3/14 ~~140019~~ #4	SIMALC3	1	Sample	
14	Vial 14	14019 #5	SIMALC3	1	Sample	
15	Vial 15	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp	
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp	

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

14019

KK

Calibration Table

General Calibration Setting

Calib. Data Modified : Monday, June 02, 2014 3:50:27 PM

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

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

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

Signal Details

14019

Signal 1: FID1 A,

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD	#	Compound
1.017	1	1	8.12400e-2	681.87915	1.19141e-4	No	No	1	Ethanol
		2	1.59860e-1	1371.83118	1.16530e-4				
		3	3.17330e-1	2333.51025	1.35988e-4				
1.742	1	1	1.20000e-2	1800.19739	6.66594e-6	No	Yes	1	n-Propanol

KK

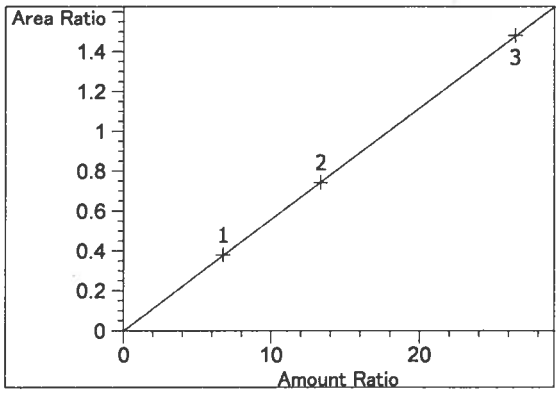
Method C:\CHEM32\2\METHODS\SIMALC3.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	1852.58740	6.47743e-6			
		3	1.20000e-2	1576.38611	7.61235e-6			

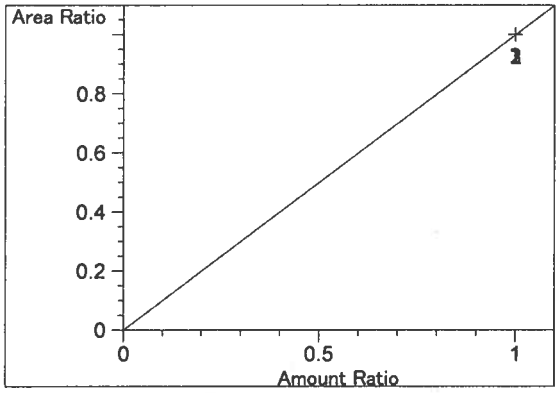
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00315
Formula: y = mx + b
m: 5.59573e-2
b: -1.11317e-3
x: Amount
y: Area



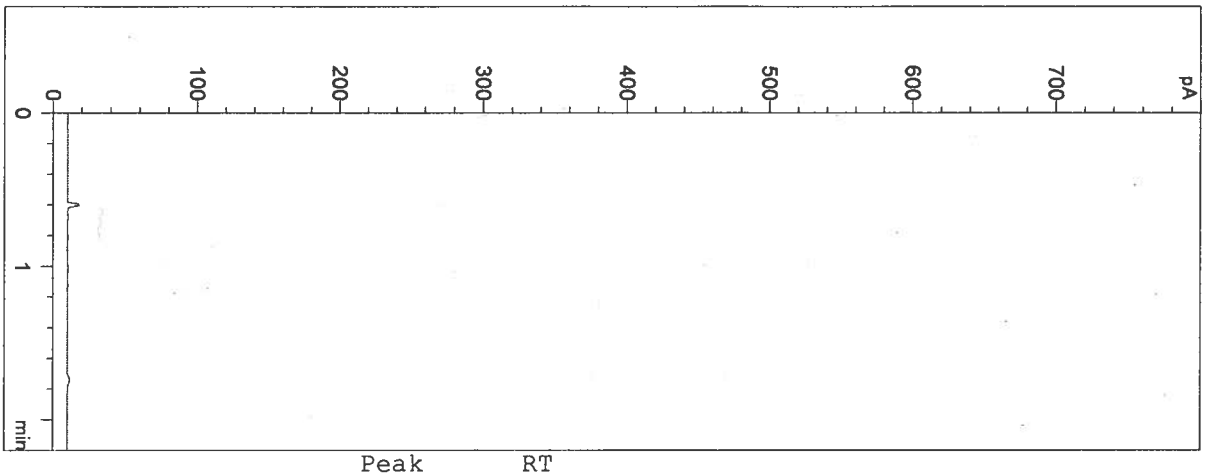
n-Propanol at exp. RT: 1.742
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

14019

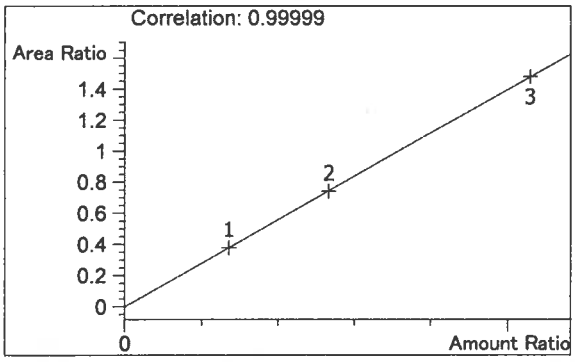
KK

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

Inj. Date: 6/2/2014 3:38:19 PM Sample Name: BLANK
Instrument: HSGC 3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 1
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

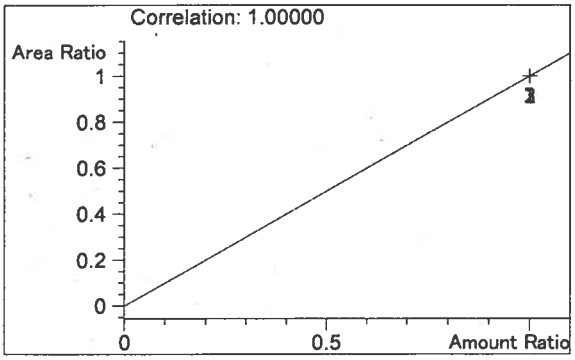


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14019

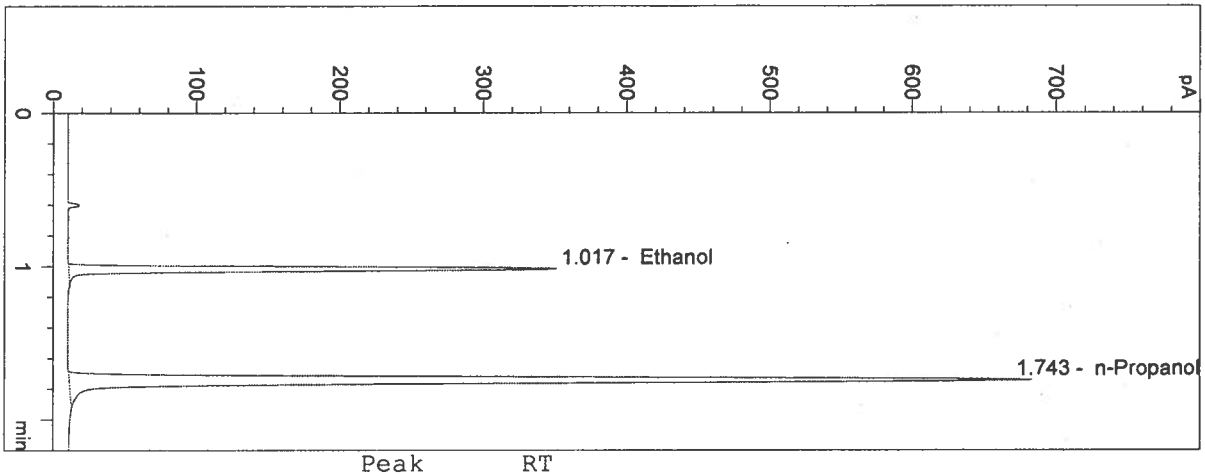


n-Propanol 0.000 g/100mL

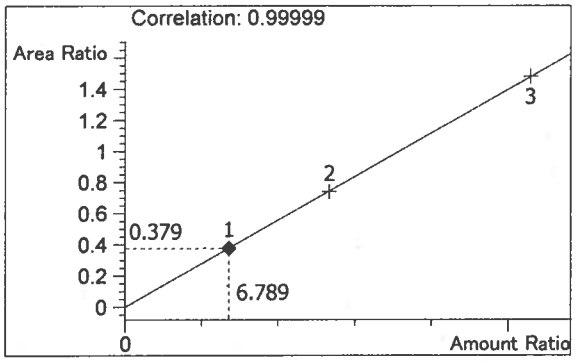
KK

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

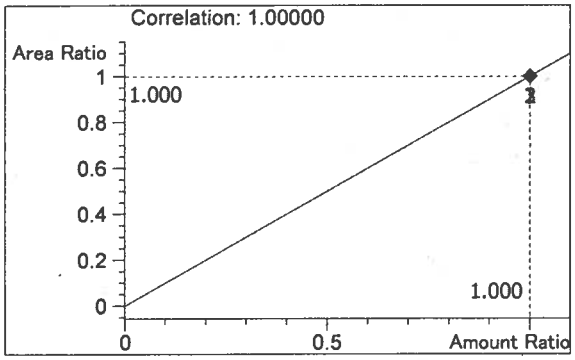
Inj. Date: 6/2/2014 3:41:38 PM Sample Name: CAL 1 (0.079)
Instrument: HSGC 3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 2
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	682	1.017
2	n-Propanol	1800	1.743



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

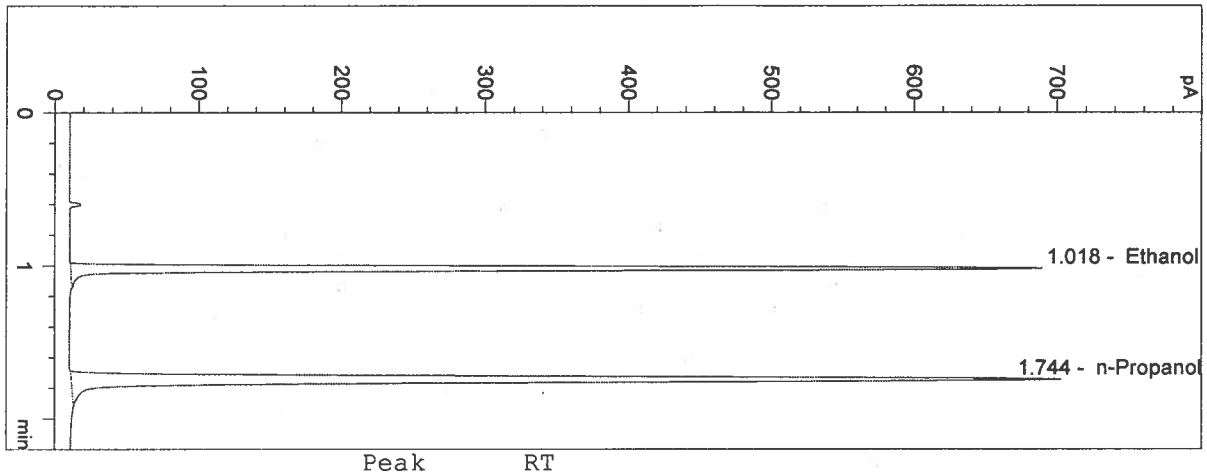
14019

Data File: C:\CHEM32\2\DATA\140602KK\002F0201.D Page 1 of 1

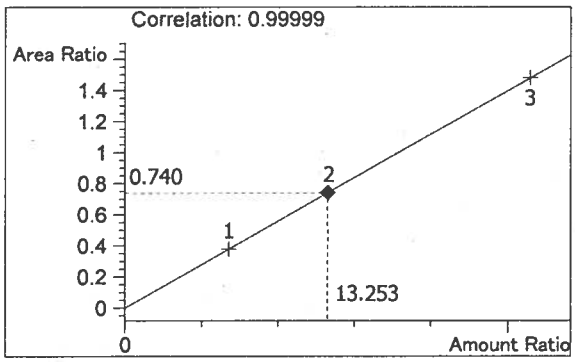
KK

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

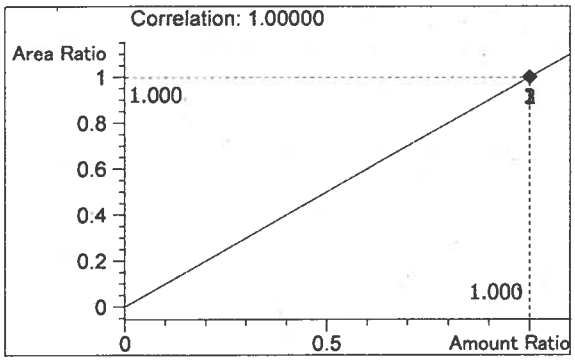
Inj. Date: 6/2/2014 3:44:54 PM Sample Name: CAL 2 (0.158)
Instrument: HSGC 3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 3
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1372	1.018
2	n-Propanol	1853	1.744



Ethanol 0.159 g/100mL



n-Propanol 0.012 g/100mL

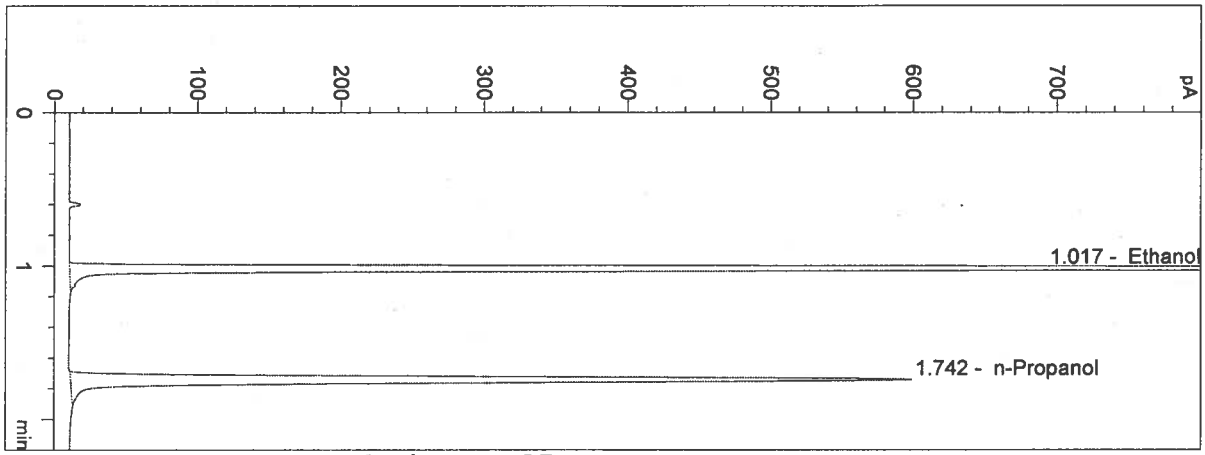
14019

Data File: C:\CHEM32\2\DATA\140602KK\003F0301.D Page 1 of 1

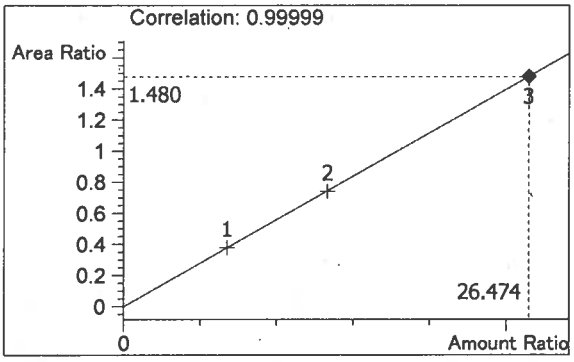
KK

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

Inj. Date: 6/2/2014 3:48:11 PM Sample Name: CAL 3 (0.316)
Instrument: HSGC 3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 4
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

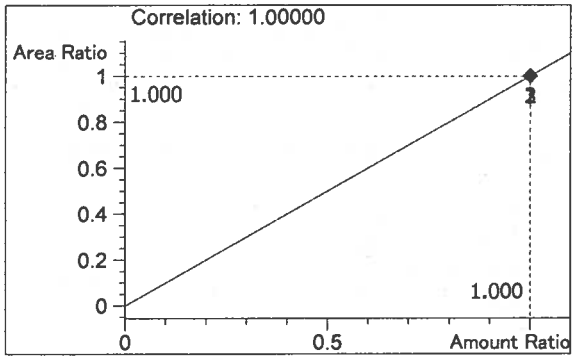


#	Compound	Peak Area	RT (min)
1	Ethanol	2334	1.017
2	n-Propanol	1576	1.742



Ethanol 0.318 g/100mL

14019

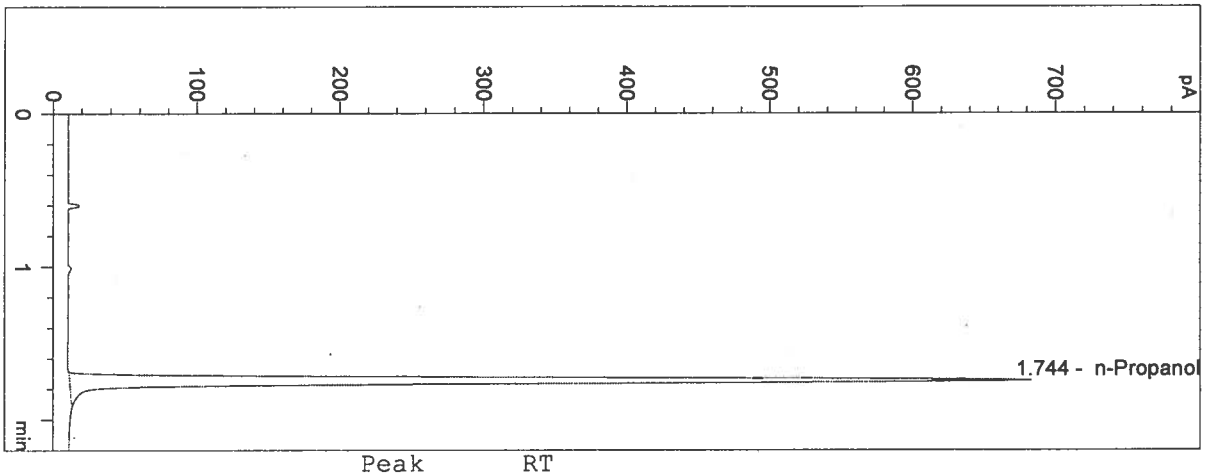


n-Propanol 0.012 g/100mL

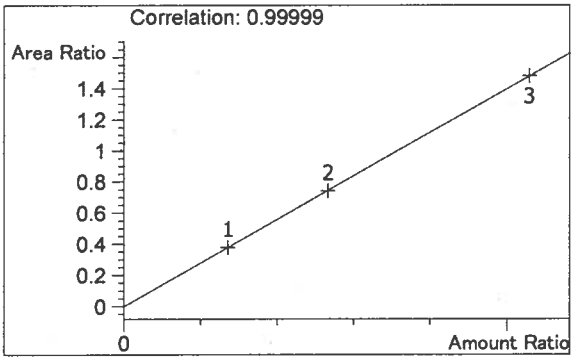
KK

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

Inj. Date: 6/2/2014 3:51:25 PM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 5
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

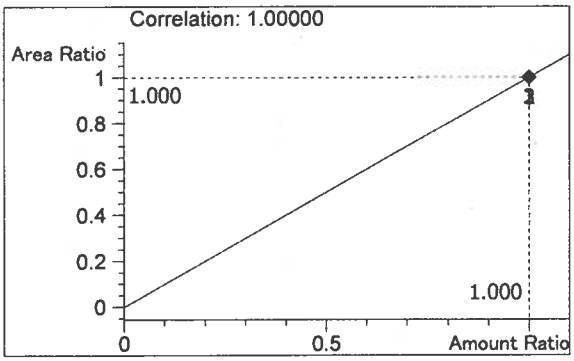


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1803	1.744



Ethanol 0.000 g/100mL

14019

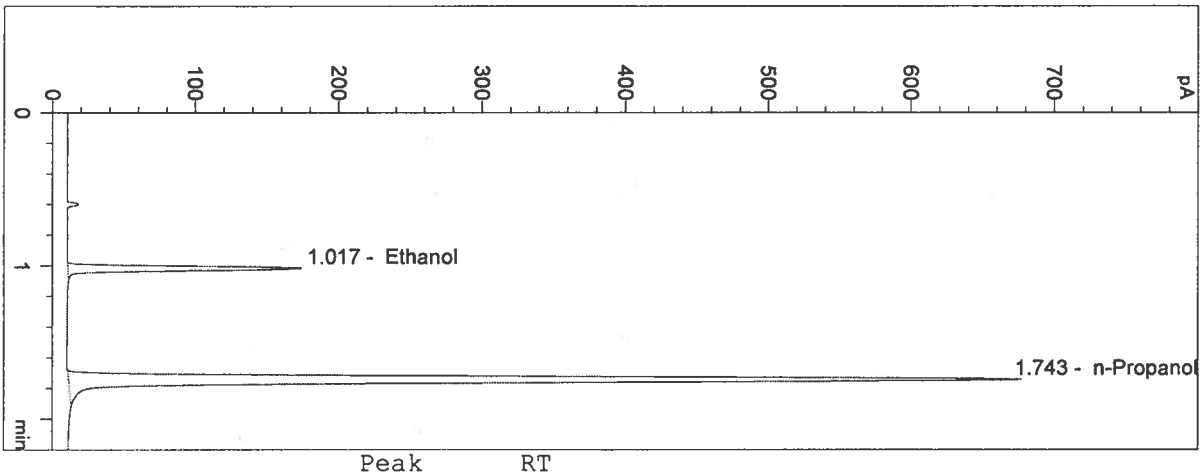


n-Propanol 0.012 g/100mL

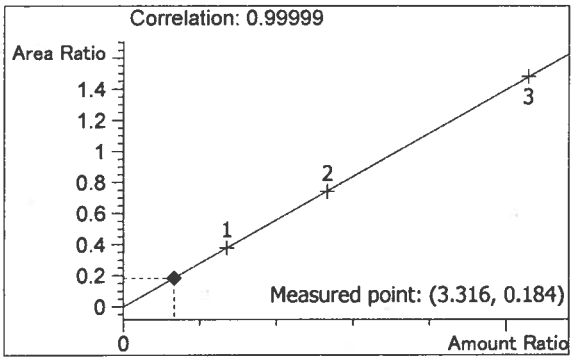
KK

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

Inj. Date: 6/2/2014 3:54:38 PM Sample Name: CTRL 1 (0.04)
Instrument: HSGC 3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 6
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

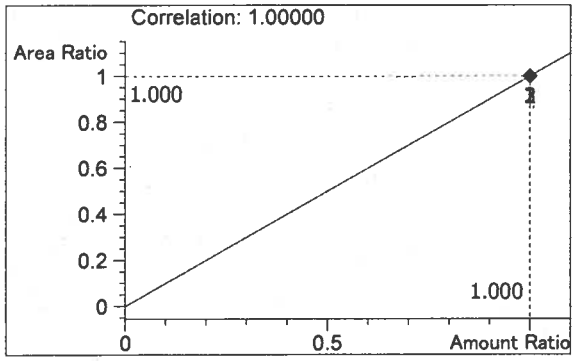


#	Compound	Peak Area	RT (min)
1	Ethanol	330	1.017
2	n-Propanol	1790	1.743



Ethanol 0.040 g/100mL

14019

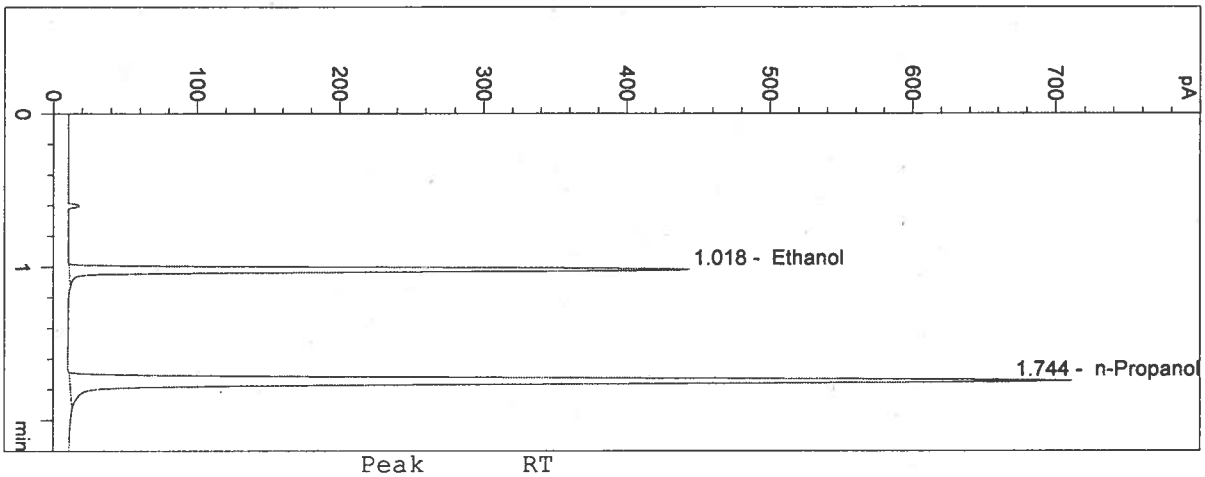


n-Propanol 0.012 g/100mL

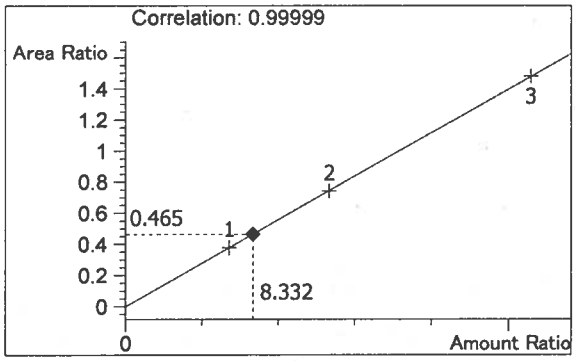
KK

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

Inj. Date: 6/2/2014 3:57:51 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 7
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

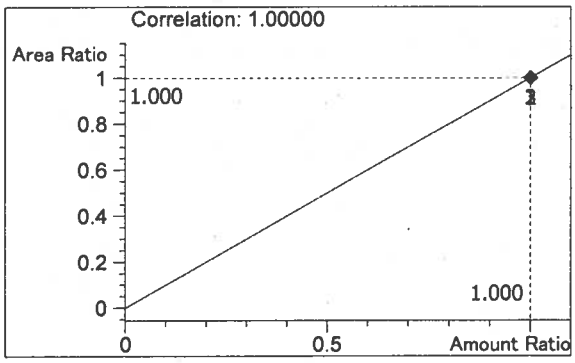


#	Compound	Peak Area	RT (min)
1	Ethanol	872	1.018
2	n-Propanol	1874	1.744



Ethanol 0.100 g/100mL

14019

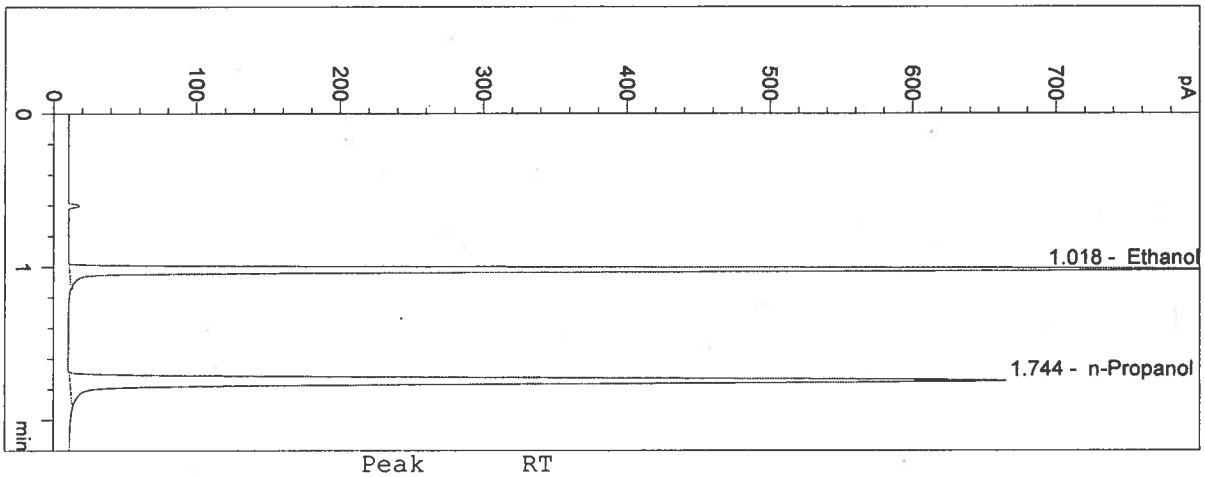


n-Propanol 0.012 g/100mL

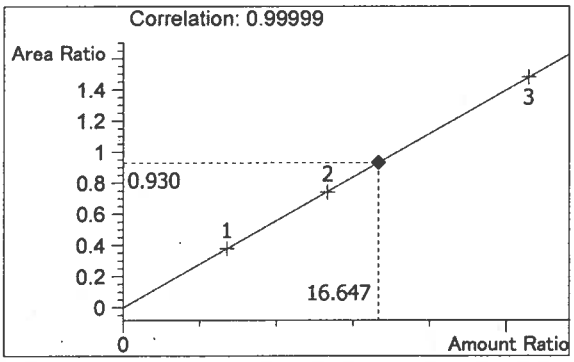
KK

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

Inj. Date: 6/2/2014 4:01:05 PM Sample Name: CTRL 3 (0.20)
Instrument: HSGC 3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 8
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

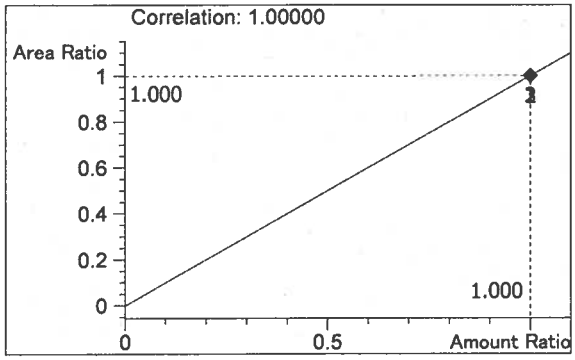


#	Compound	Peak Area	RT (min)
1	Ethanol	1635	1.018
2	n-Propanol	1758	1.744



Ethanol 0.200 g/100mL

14019



n-Propanol 0.012 g/100mL

KK

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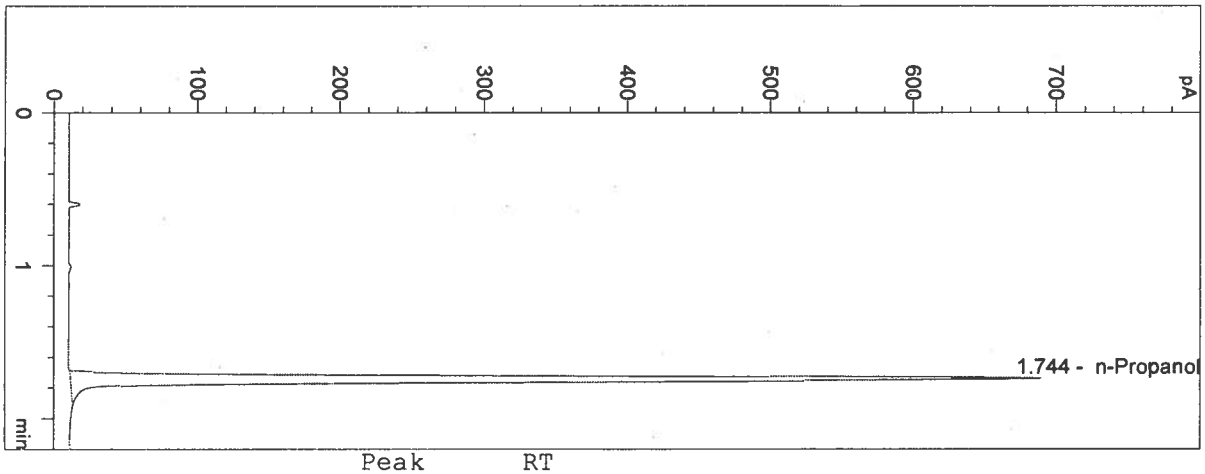
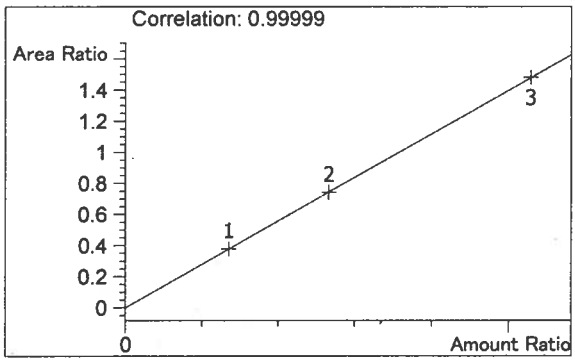
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/2/2014 4:04:17 PM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 9
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

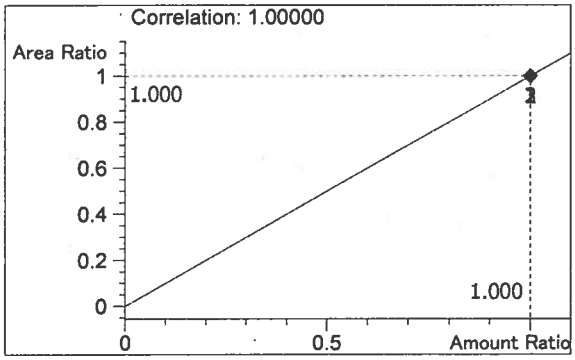


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1816	1.744



Ethanol 0.000 g/100mL

14019



n-Propanol 0.012 g/100mL

KK

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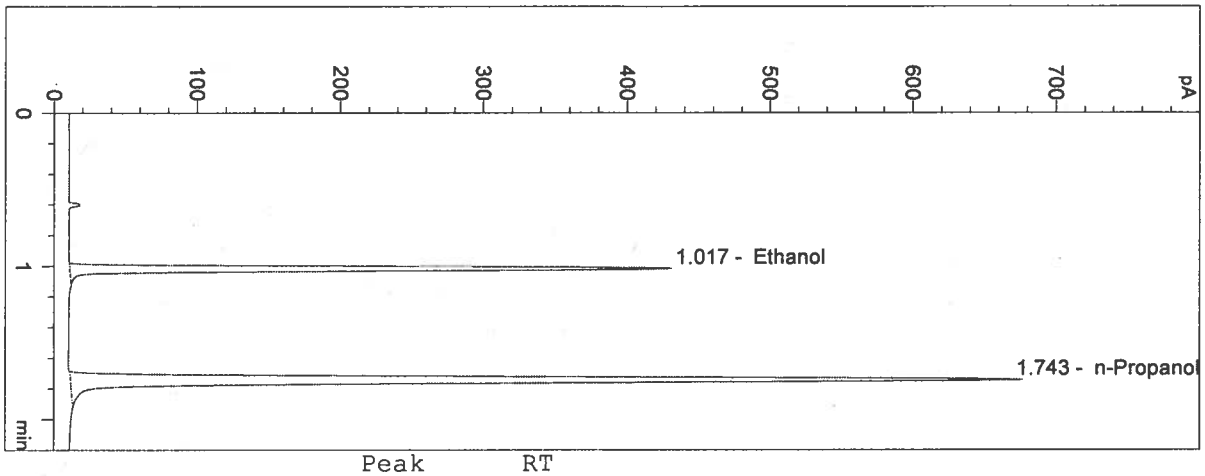
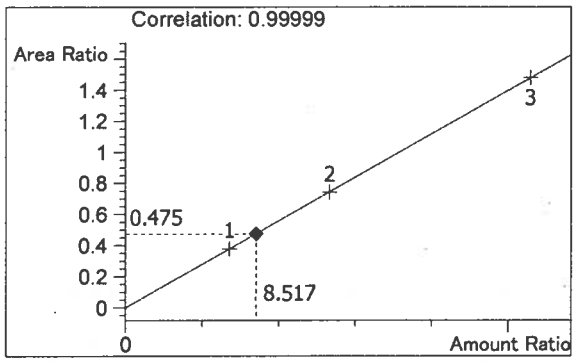
2203 Airport Way S Seattle, WA 98134

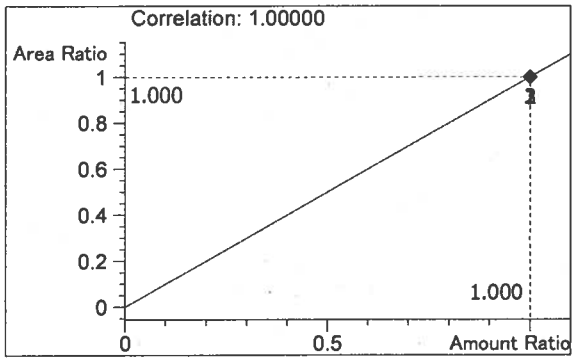
Inj. Date: 6/2/2014 4:07:30 PM Sample Name: 14019 #1
Instrument: HSGC 3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 10
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	850	1.017
2	n-Propanol	1789	1.743



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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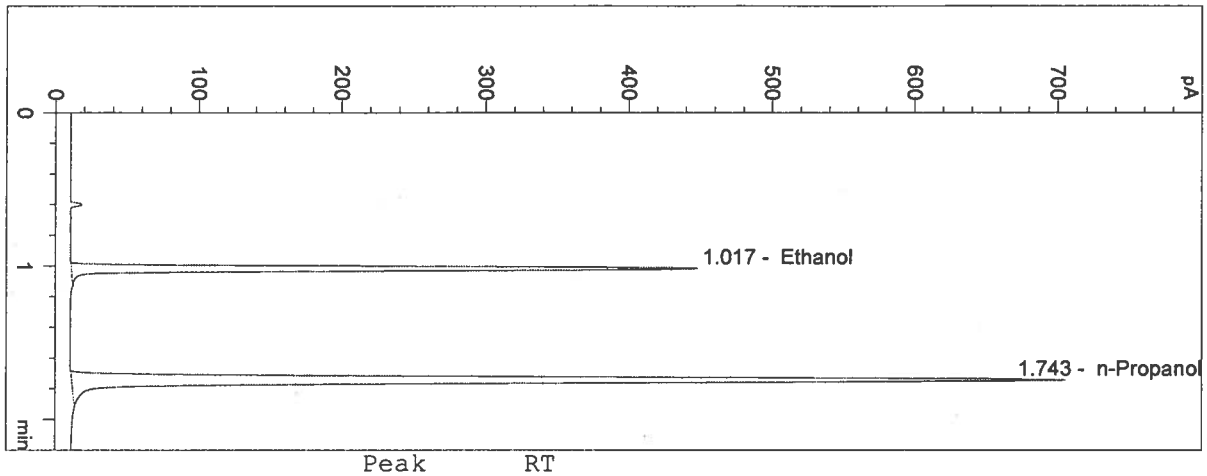
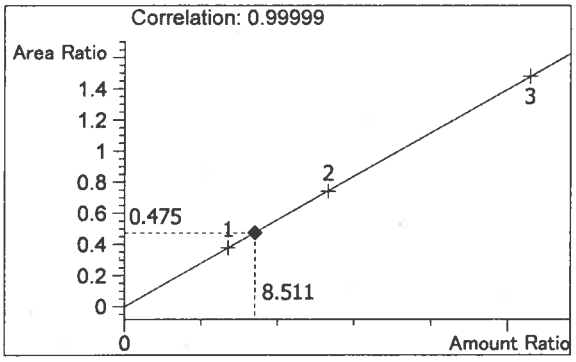
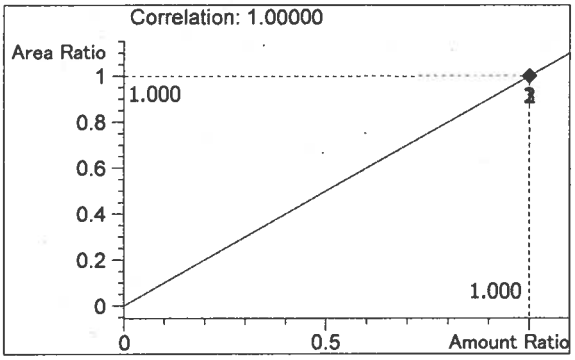
Inj. Date: 6/2/2014 4:10:45 PM Sample Name: 14019 #2
Instrument: HSGC 3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 11
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	884	1.017
2	n-Propanol	1861	1.743



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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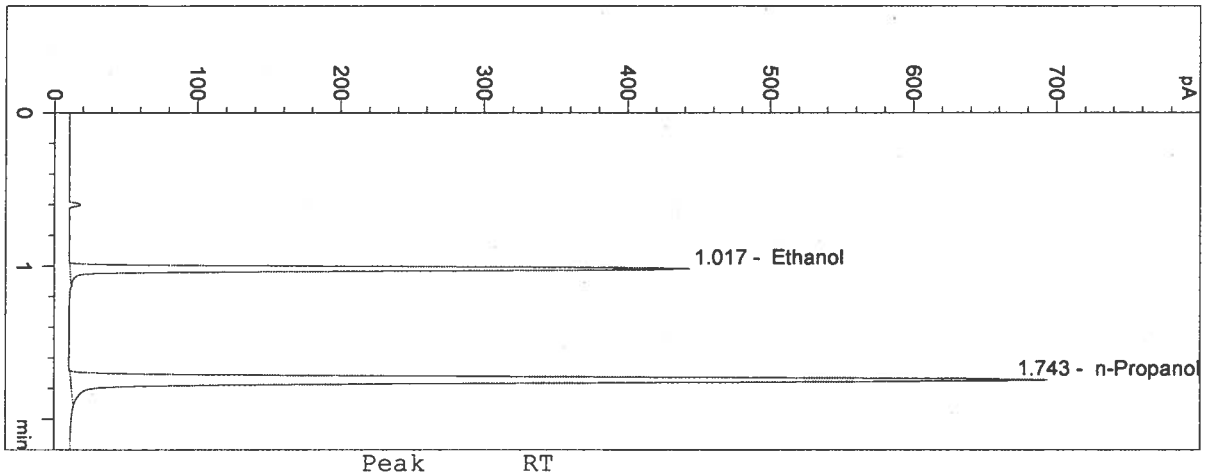
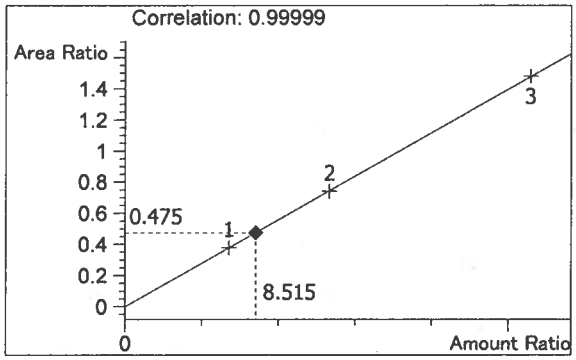
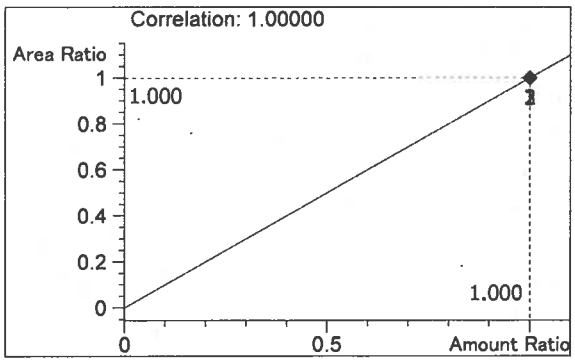
Inj. Date: 6/2/2014 4:13:57 PM Sample Name: 14019 #3
Instrument: HSGC 3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 12
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	871	1.017
2	n-Propanol	1832	1.743



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

KK

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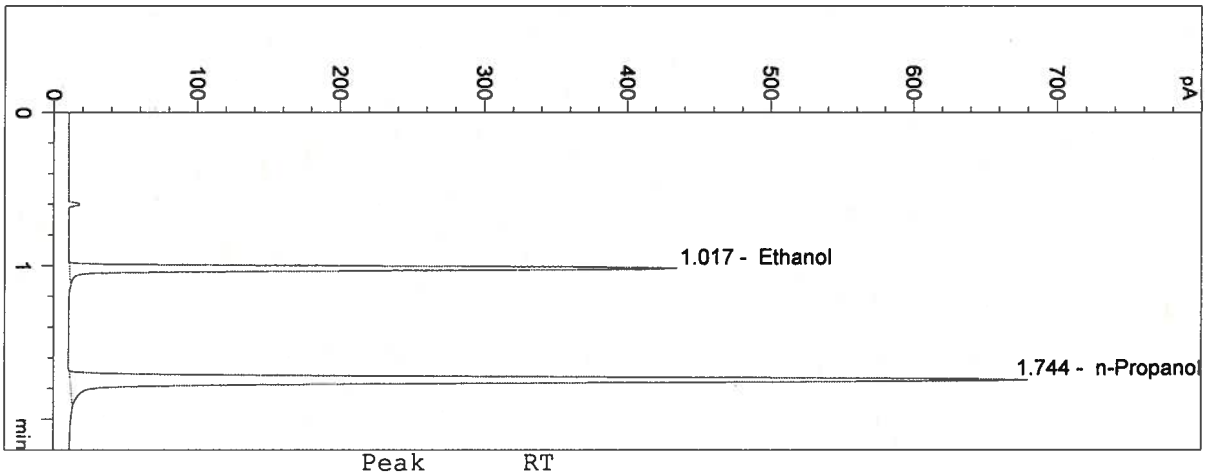
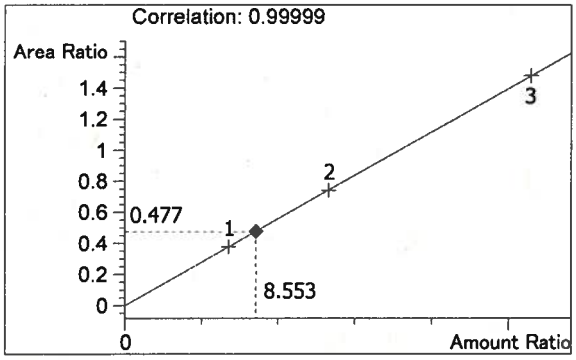
14019 KK 6/3/14

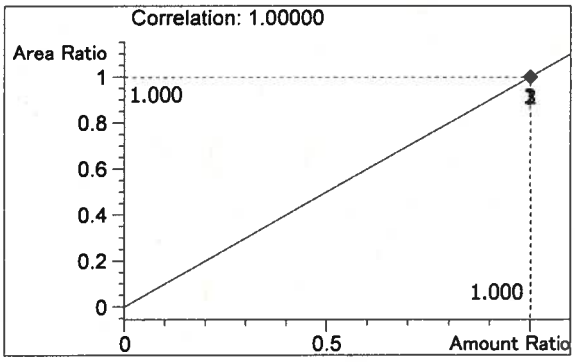
Inj. Date: 6/2/2014 4:17:10 PM Sample Name: ~~140019~~ #4
Instrument: HSGC 3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 13
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	855	1.017
2	n-Propanol	1792	1.744



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

KK

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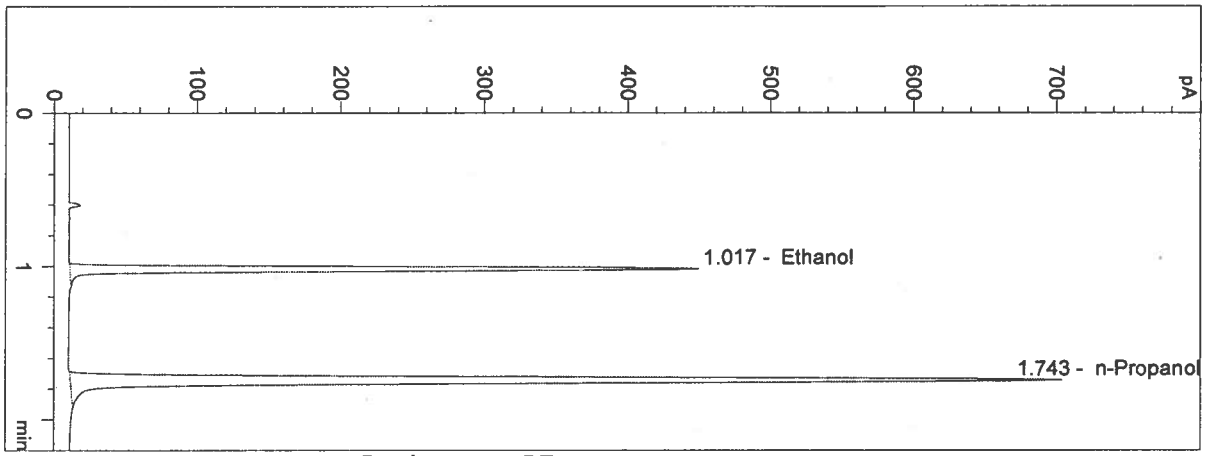
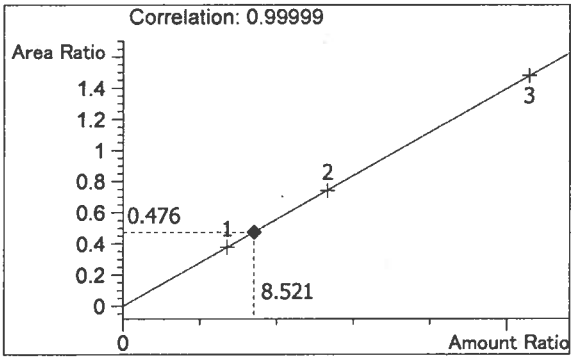
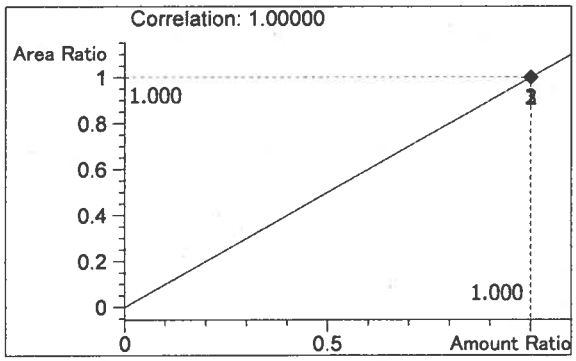
Inj. Date: 6/2/2014 4:20:25 PM Sample Name: 14019 #5
Instrument: HSGC 3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 14
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	883	1.017
2	n-Propanol	1857	1.743



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

KK

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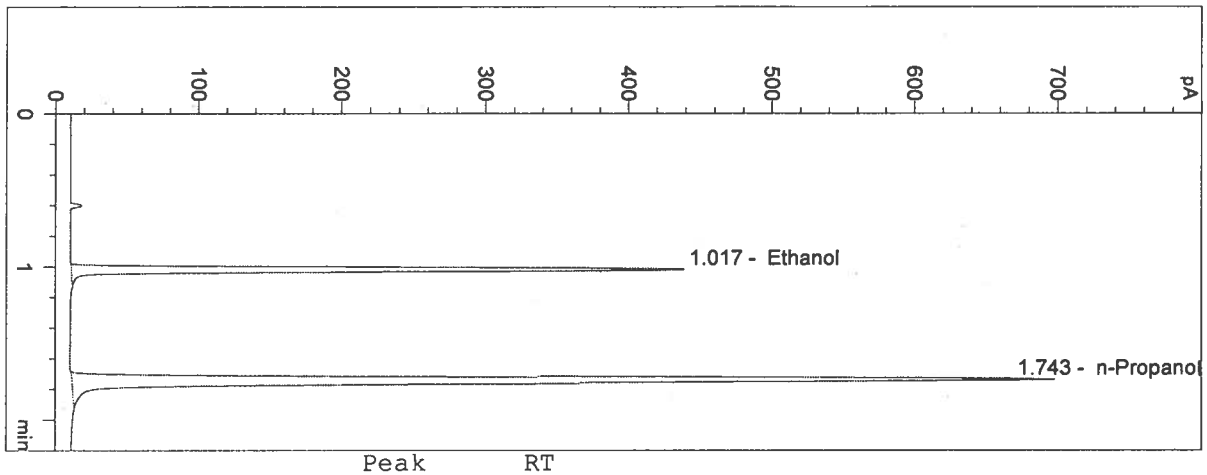
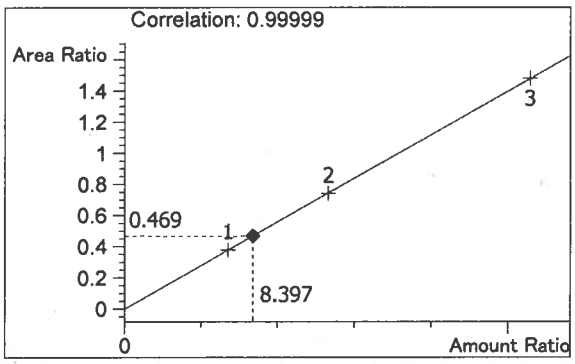
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/2/2014 4:23:39 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 15
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

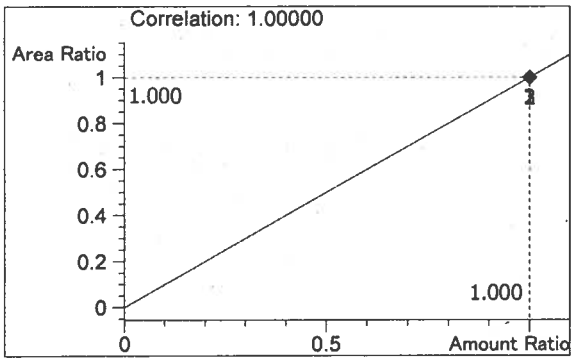


#	Compound	Peak Area	RT (min)
1	Ethanol	864	1.017
2	n-Propanol	1844	1.743



Ethanol 0.101 g/100mL

14019

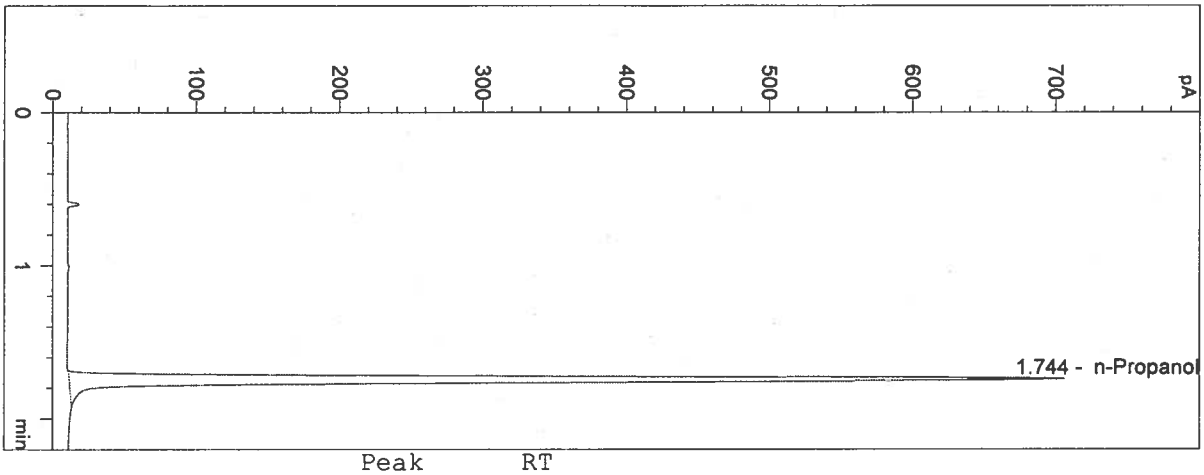


n-Propanol 0.012 g/100mL

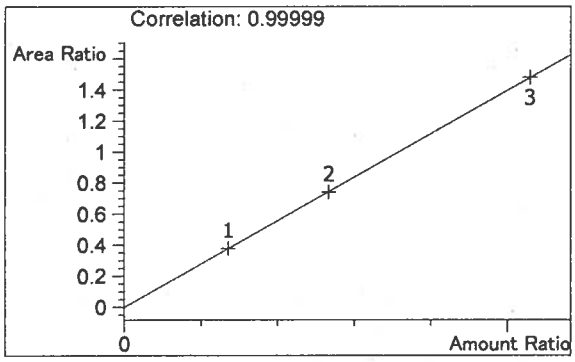
KK

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

Inj. Date: 6/2/2014 4:26:51 PM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 16
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

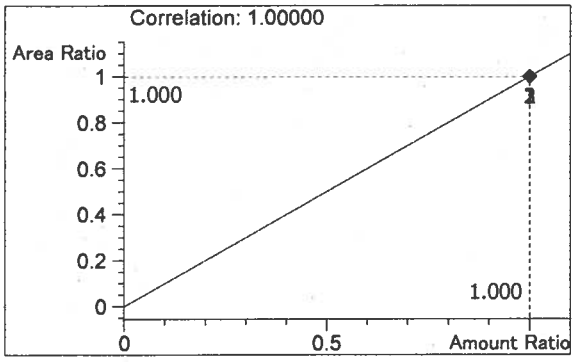


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1863	1.744



Ethanol 0.000 g/100mL

14019



n-Propanol 0.012 g/100mL

KK

Sequence Parameters:

Sequence : C:\CHEM32\2\SEQUENCE\AGESS.S

Operator : Andrew Gingras

Data File Naming : Auto
Data Directory : C:\Chem32\2\DATA\

Data Subdirectory : 140603AG

Part of Methods to run : According to Runtime Checklist

Barcode Reader : not used

Shutdown Cmd/Macro : none

Sequence Comment :
Cal 1: 0.079 g/100mL - LOT# E0414-01 - exp 10/15/2014
Cal 2: 0.158 g/100mL - LOT# E0414-02 - exp 10/15/2014
Cal 1: 0.316 g/100mL - LOT# E0414-03 - exp 10/15/2014
CTRL 1: 0.04 g/100mL - LOT# FN05011301- exp 05/2018
CTRL 2: 0.10 g/100mL - LOT# FN08051301- exp 10/2018
CTRL 3: 0.20 g/100mL - LOT# FN100511-01 - exp 10/2016
n-propanol ISTD - LOT# P0314 - exp 06/24/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
1	Vial 1	BLANK	SIMALC3	1	Sample	
2	Vial 2	CAL 1 (0.079)	SIMALC3	1	Calib	
3	Vial 3	CAL 2 (0.158)	SIMALC3	1	Calib	
4	Vial 4	CAL 3 (0.316)	SIMALC3	1	Calib	
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp	
6	Vial 6	CTRL 1 (0.04)	SIMALC3	1	Ctrl Samp	
7	Vial 7	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp	
8	Vial 8	CTRL 3 (0.20)	SIMALC3	1	Ctrl Samp	
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp	
10	Vial 10	14019 #1	SIMALC3	1	Sample	

Sequence: C:\CHEM32\2\SEQUENCE\AGESS.S

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
11	Vial 11	14019 #2	SIMALC3	1	Sample	
12	Vial 12	14019 #3	SIMALC3	1	Sample	
13	Vial 13	14019 #4	SIMALC3	1	Sample	
14	Vial 14	14019 #5	SIMALC3	1	Sample	
15	Vial 15	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp	
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp	

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

Calibration Table

General Calibration Setting

Calib. Data Modified : Tuesday, June 03, 2014 12:57:28 PM

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

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

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

Signal Details

Signal 1: FID1 A,

14019

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD	#	Compound
1.017	1	1	8.12400e-2	572.07013	1.42011e-4	No	No	1	Ethanol
		2	1.59860e-1	1129.91541	1.41480e-4				
		3	3.17330e-1	2271.89771	1.39676e-4				
1.741	1	1	1.20000e-2	1567.22278	7.65686e-6	No	Yes	1	n-Propanol

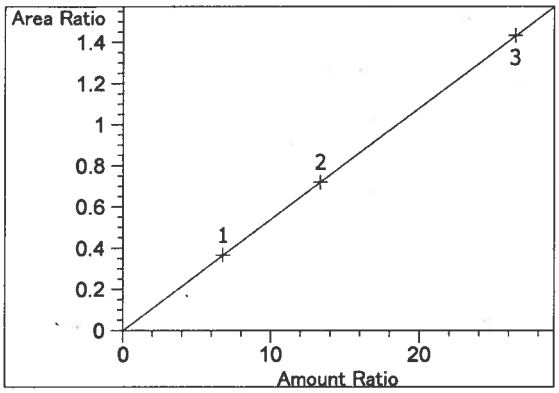
Method C:\CHEM32\2\METHODS\SIMALC3.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	1570.51868	7.64079e-6			
		3	1.20000e-2	1587.36414	7.55970e-6			

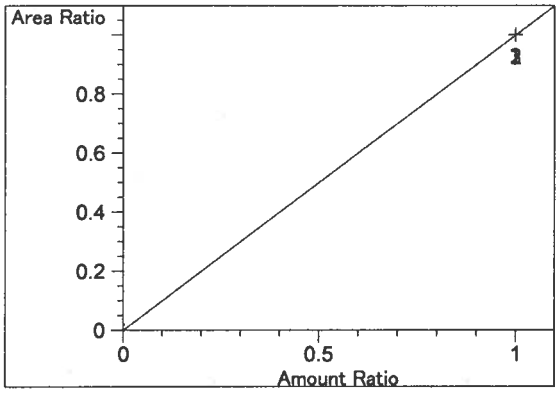
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00103
Formula: y = mx + b
m: 5.41339e-2
b: -8.63235e-4
x: Amount
y: Area



n-Propanol at exp. RT: 1.741
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

14019

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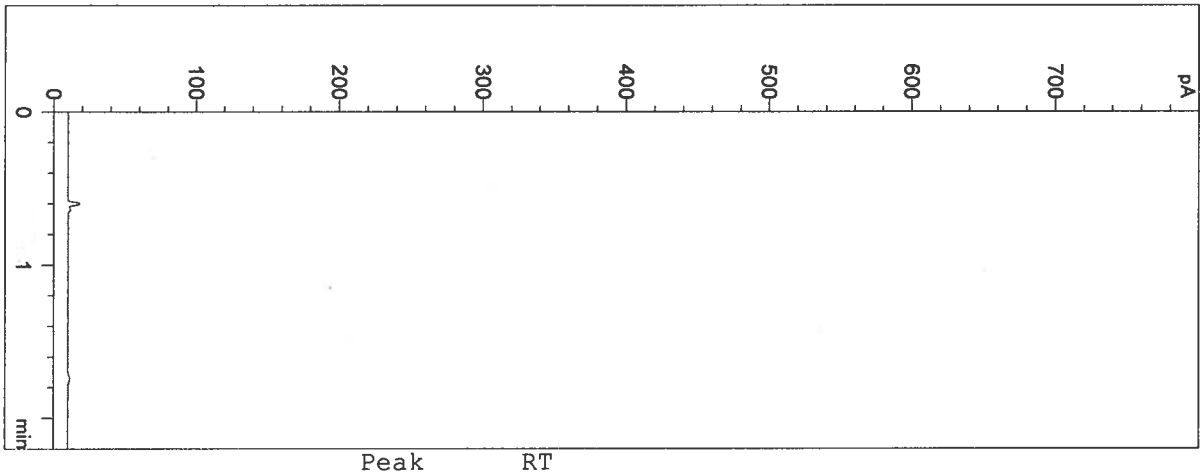
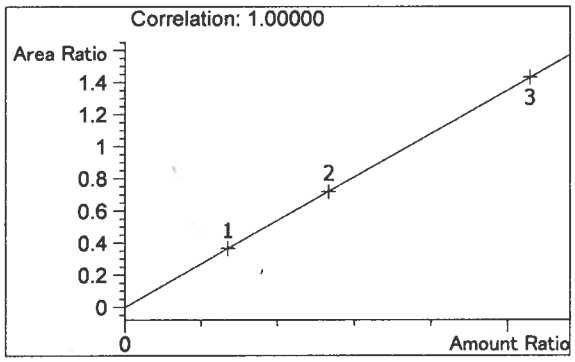
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/3/2014 12:45:21 PM Sample Name: BLANK
Instrument: HSGC 3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 1
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

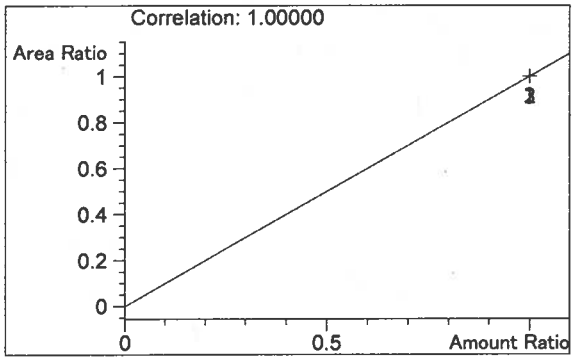


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14019

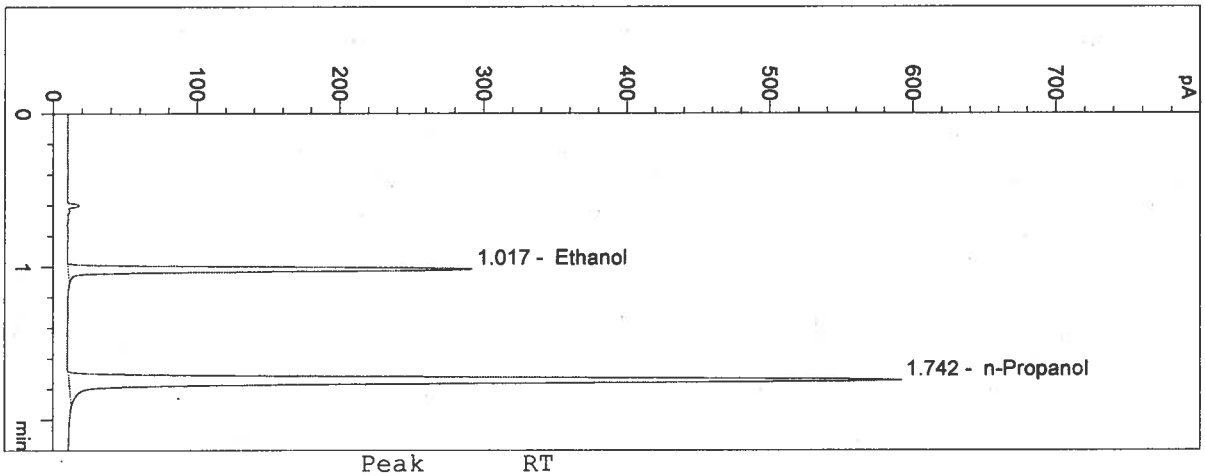


n-Propanol 0.000 g/100mL

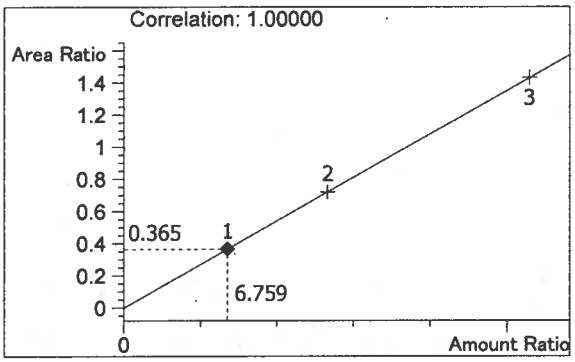
Data File: C:\CHEM32\2\DATA\140603AG\001F0101.D Page 1 of 1

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

Inj. Date: 6/3/2014 12:48:38 PM Sample Name: CAL 1 (0.079)
Instrument: HSGC 3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 2
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

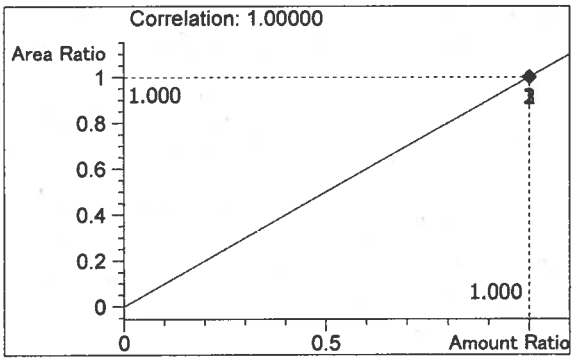


#	Compound	Peak Area	RT (min)
1	Ethanol	572	1.017
2	n-Propanol	1567	1.742



Ethanol 0.081 g/100mL

14019

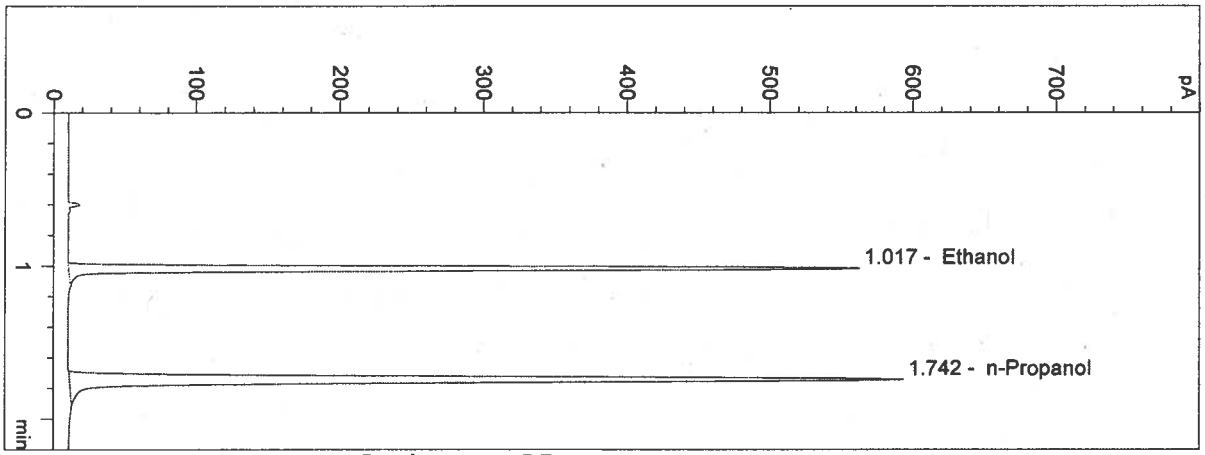


n-Propanol 0.012 g/100mL

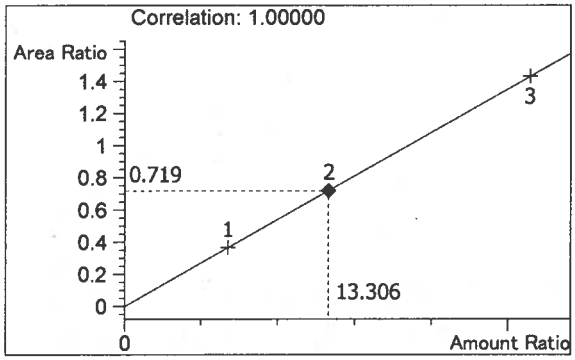
Data File: C:\CHEM32\2\DATA\140603AG\002F0201.D Page 1 of 1

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

Inj. Date: 6/3/2014 12:51:56 PM Sample Name: CAL 2 (0.158)
Instrument: HSGC 3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 3
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

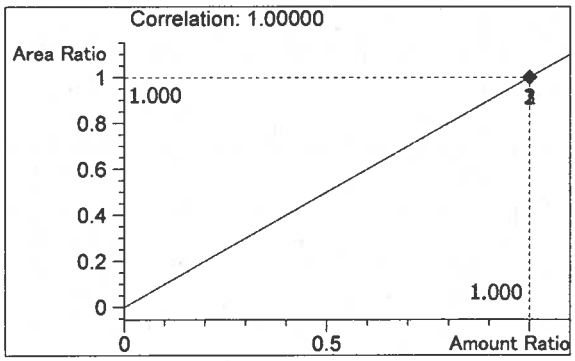


#	Compound	Peak Area	RT (min)
1	Ethanol	1130	1.017
2	n-Propanol	1571	1.742



Ethanol 0.160 g/100mL

14019

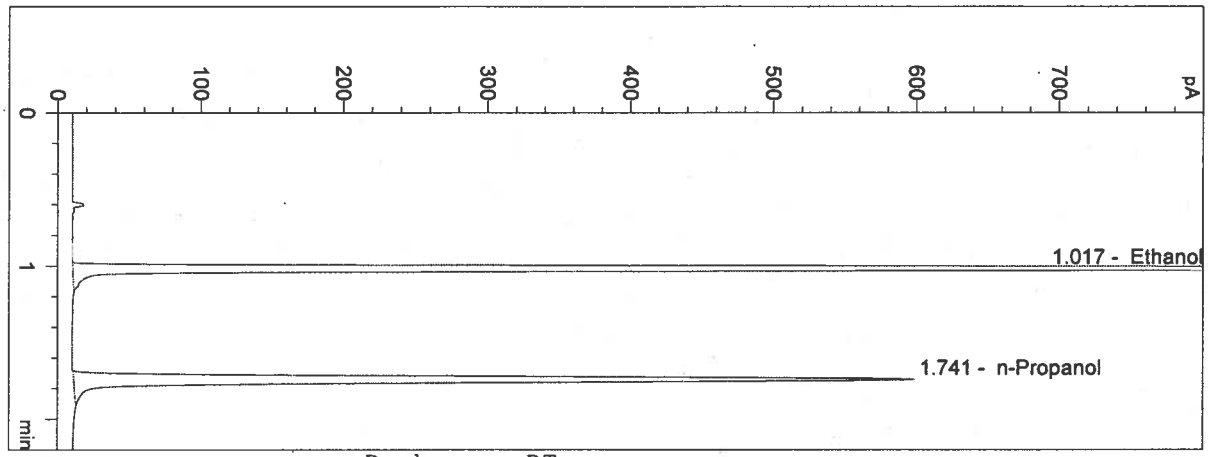


n-Propanol 0.012 g/100mL

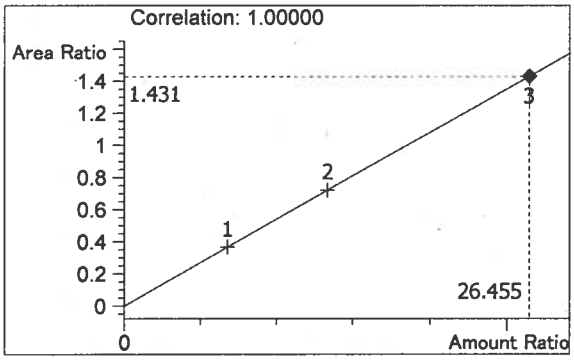
Data File: C:\CHEM32\2\DATA\140603AG\003F0301.D Page 1 of 1

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

Inj. Date: 6/3/2014 12:55:13 PM Sample Name: CAL 3 (0.316)
Instrument: HSGC 3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 4
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

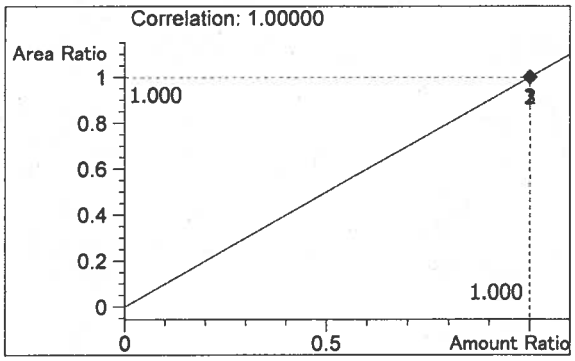


#	Compound	Peak Area	RT (min)
1	Ethanol	2272	1.017
2	n-Propanol	1587	1.741



Ethanol 0.317 g/100mL

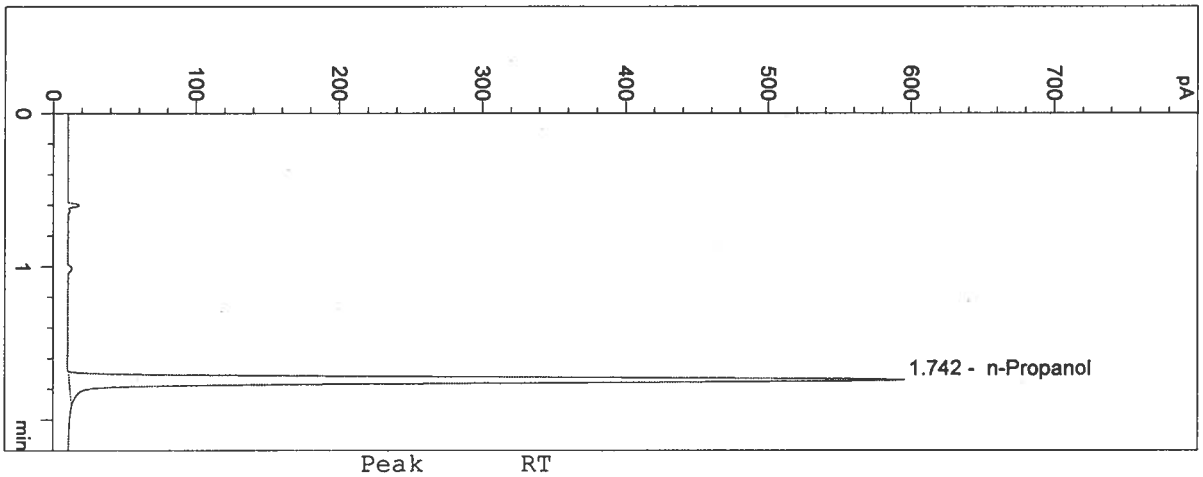
14019



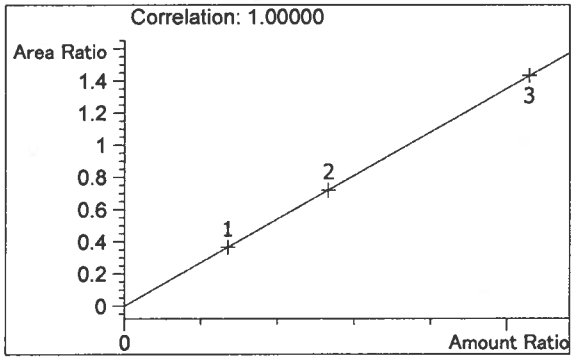
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/3/2014 12:58:26 PM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 5
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

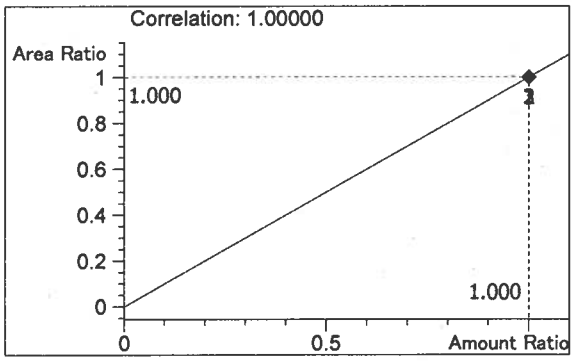


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1576	1.742



Ethanol 0.000 g/100mL

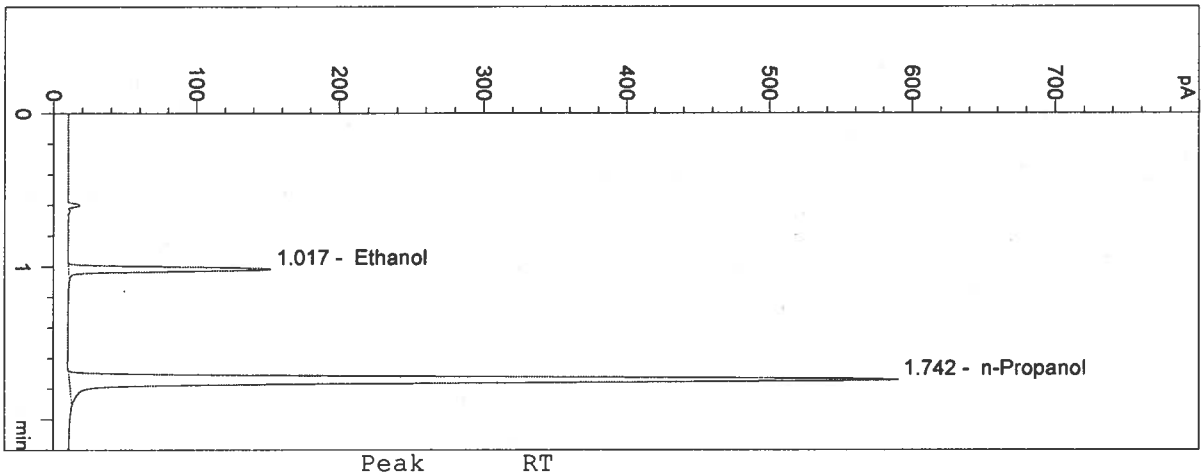
14019



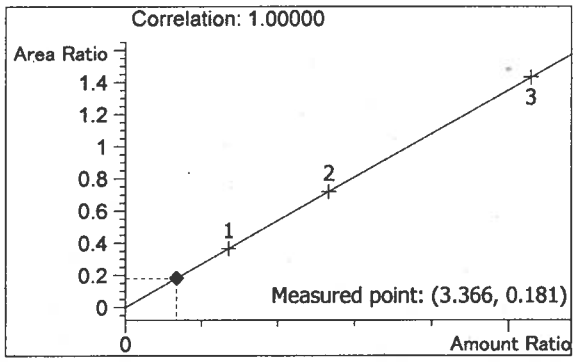
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/3/2014 1:01:41 PM Sample Name: CTRL 1 (0.04)
Instrument: HSGC 3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 6
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

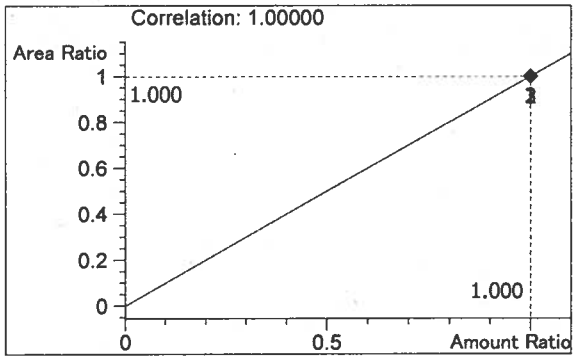


#	Compound	Peak Area	RT (min)
1	Ethanol	283	1.017
2	n-Propanol	1561	1.742



Ethanol 0.040 g/100mL

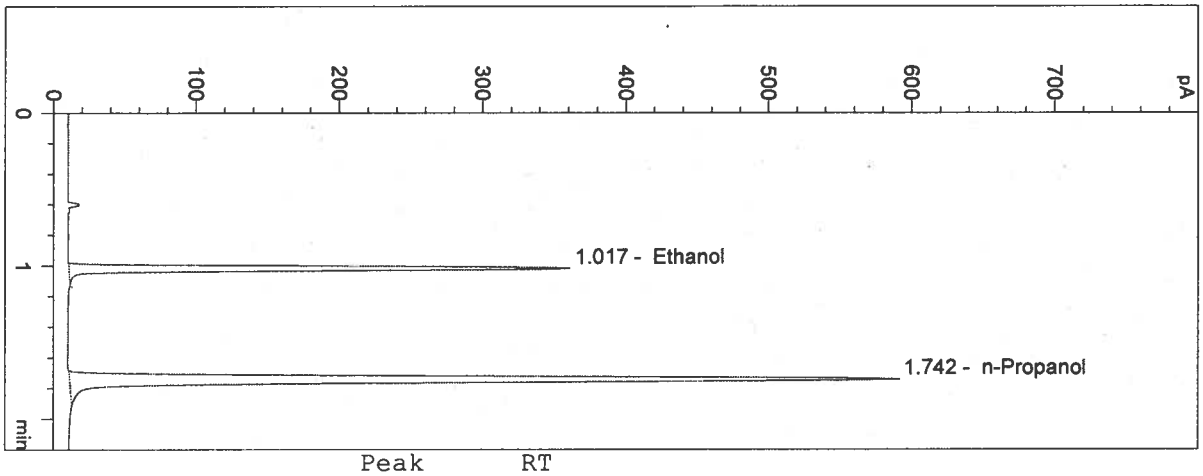
14019



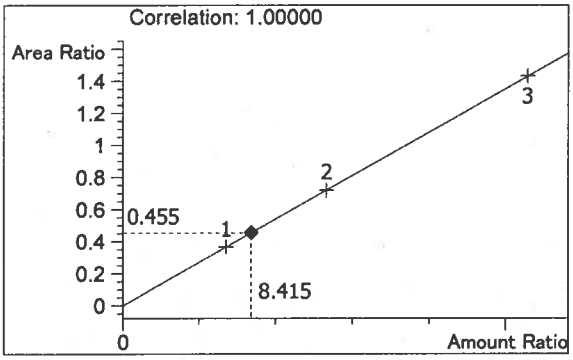
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/3/2014 1:04:53 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 7
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

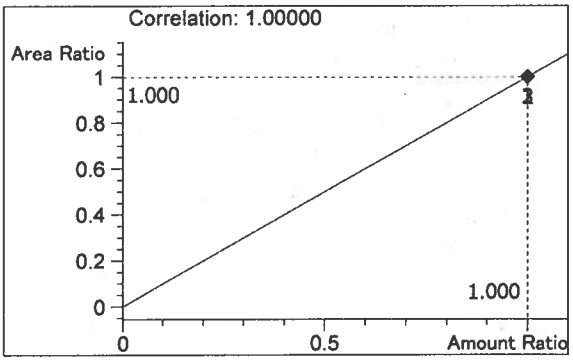


#	Compound	Peak Area	RT (min)
1	Ethanol	709	1.017
2	n-Propanol	1560	1.742



Ethanol 0.101 g/100mL

14019

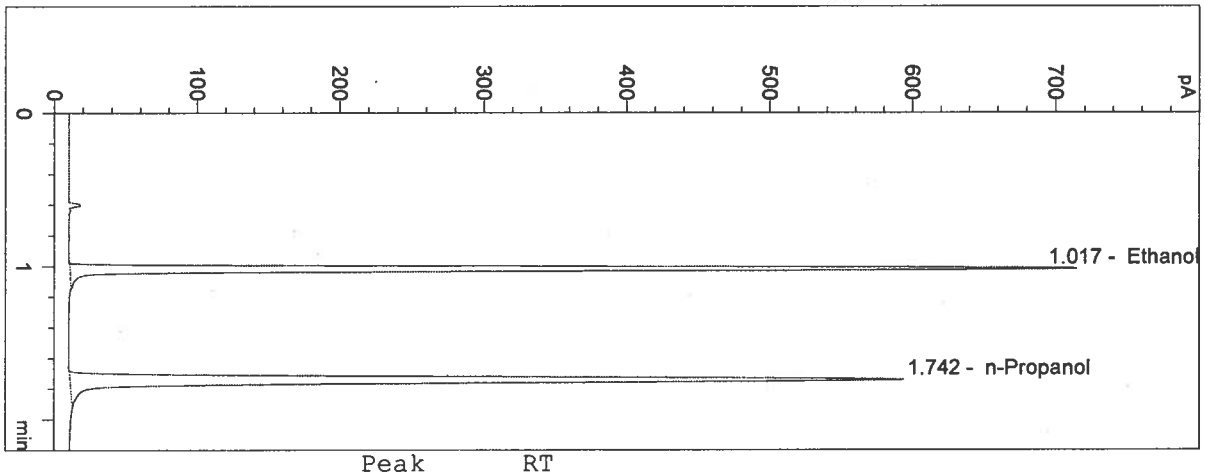


n-Propanol 0.012 g/100mL

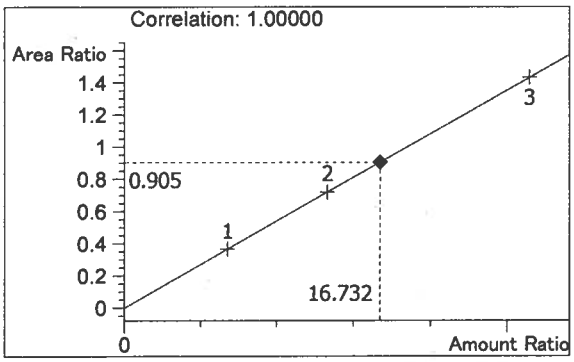
Data File: C:\CHEM32\2\DATA\140603AG\007F0701.D Page 1 of 1

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

Inj. Date: 6/3/2014 1:08:06 PM Sample Name: CTRL 3 (0.20)
Instrument: HSGC 3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 8
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

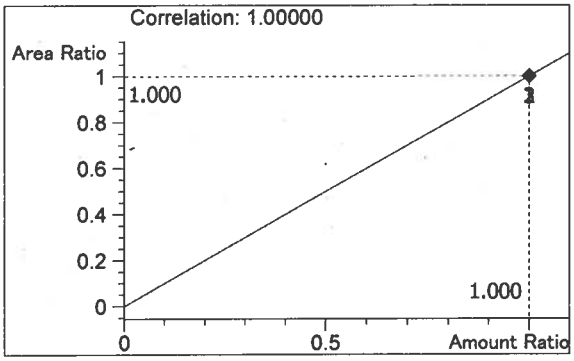


#	Compound	Peak Area	RT (min)
1	Ethanol	1421	1.017
2	n-Propanol	1570	1.742



Ethanol 0.201 g/100mL

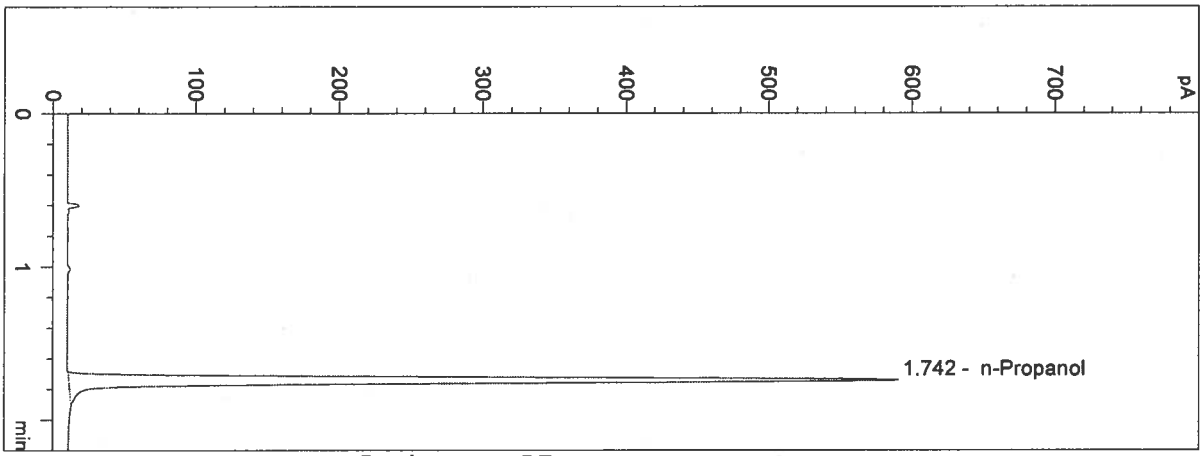
14019



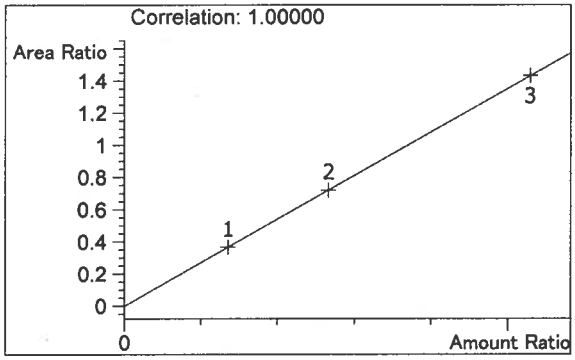
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/3/2014 1:11:20 PM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 9
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

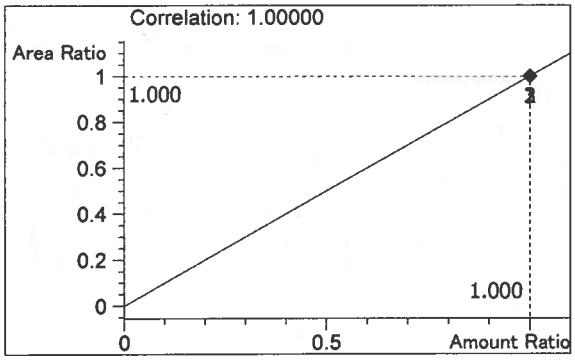


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1561	1.742



Ethanol 0.000 g/100mL

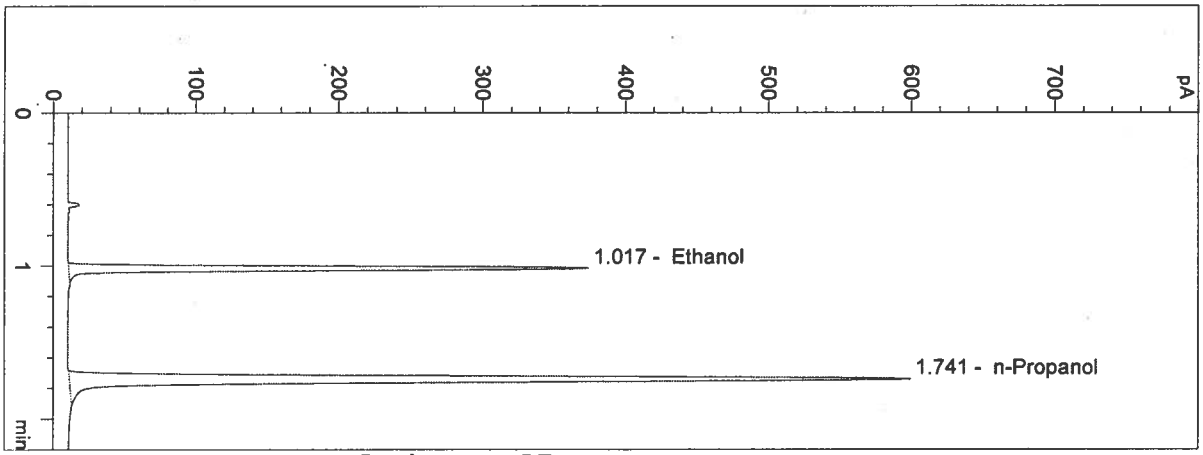
14019



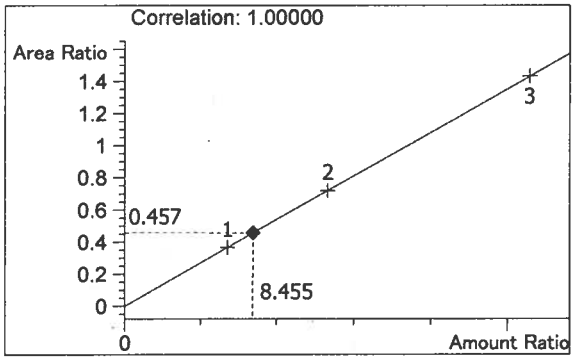
n-Propanol 0.012 g/100mL

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

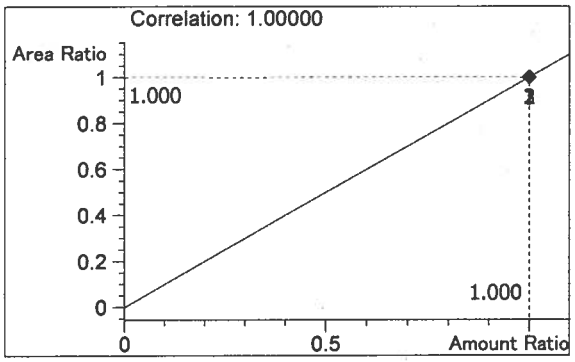
Inj. Date: 6/3/2014 1:14:32 PM Sample Name: 14019 #1
Instrument: HSGC 3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 10
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	726	1.017
2	n-Propanol	1588	1.741



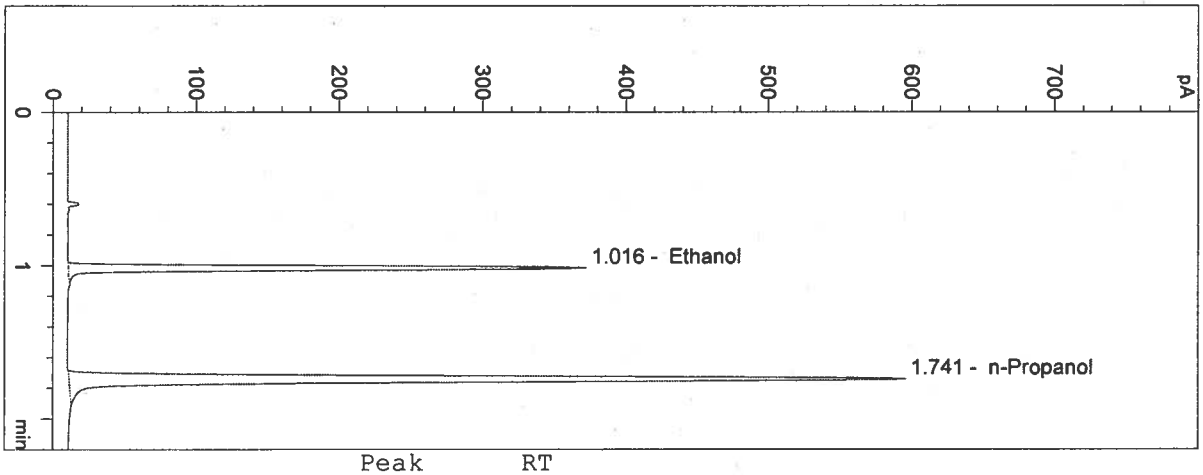
Ethanol 0.101 g/100mL



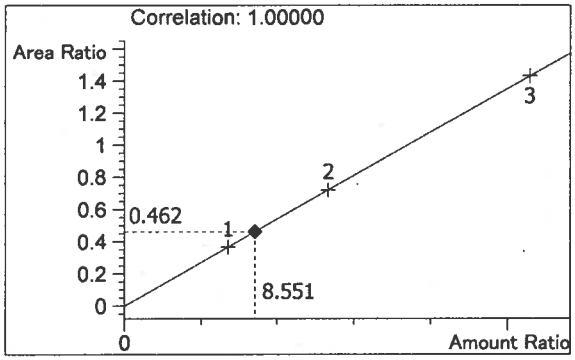
n-Propanol 0.012 g/100mL

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

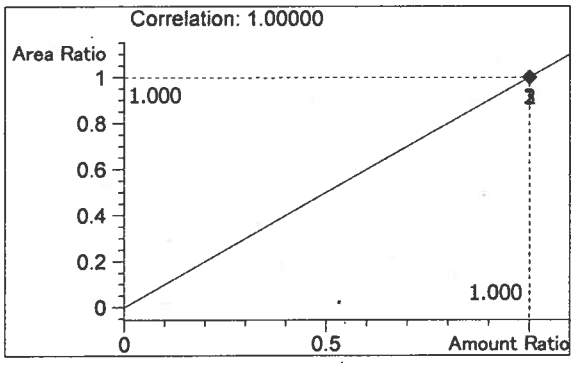
Inj. Date: 6/3/2014 1:17:45 PM Sample Name: 14019 #2
Instrument: HSGC 3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 11
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	729	1.016
2	n-Propanol	1577	1.741



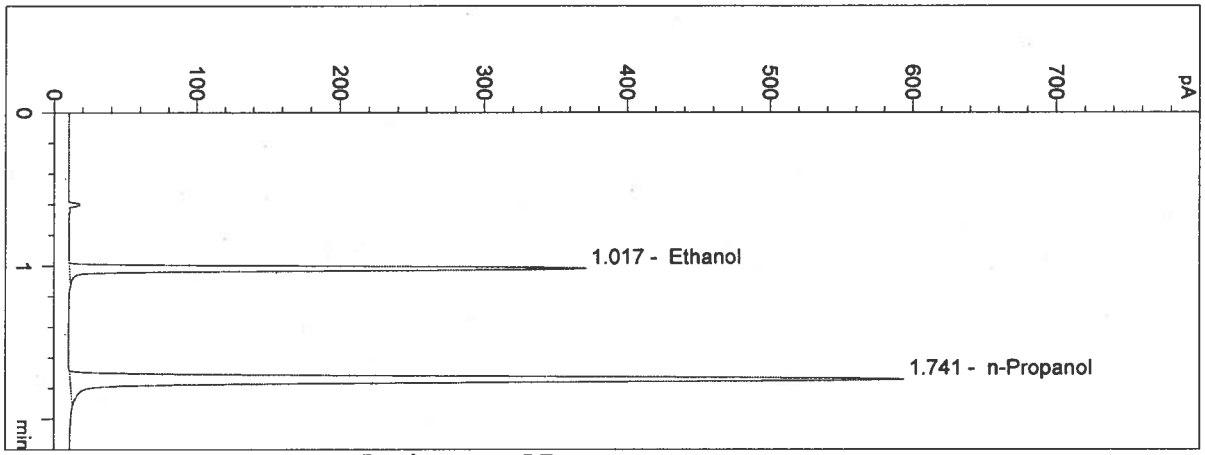
Ethanol 0.103 g/100mL



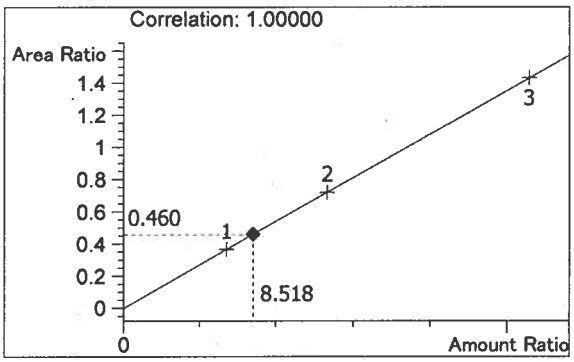
n-Propanol 0.012 g/100mL

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

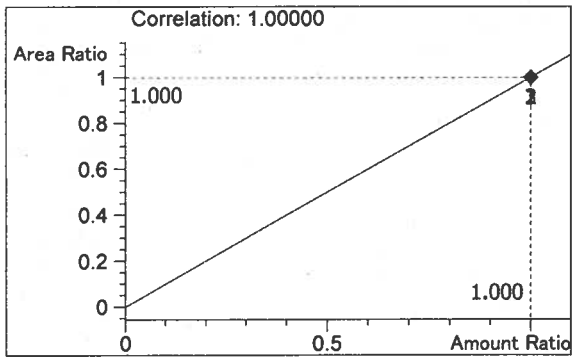
Inj. Date: 6/3/2014 1:20:59 PM Sample Name: 14019 #3
Instrument: HSGC 3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 12
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	722	1.017
2	n-Propanol	1569	1.741



Ethanol 0.102 g/100mL

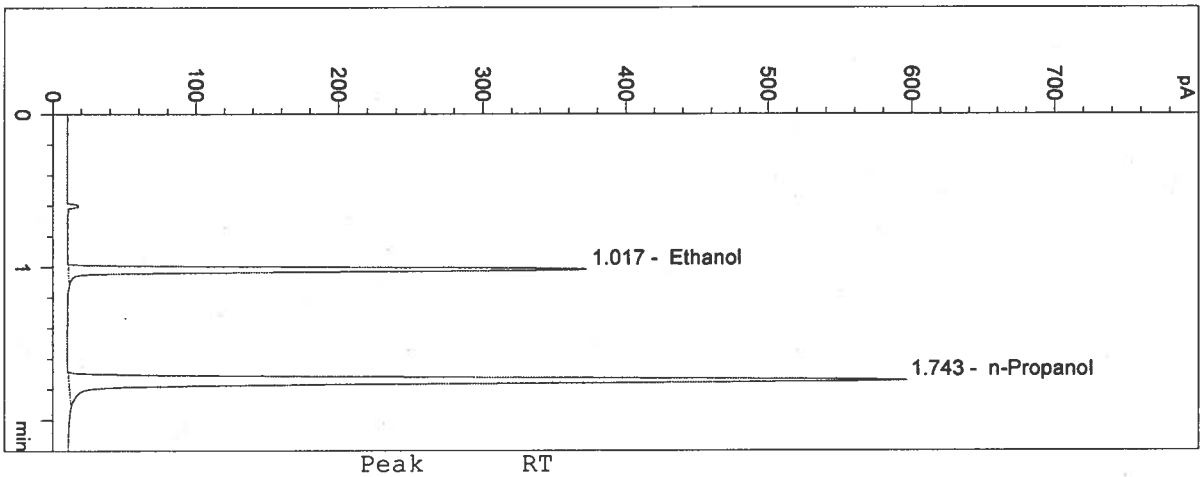


n-Propanol 0.012 g/100mL

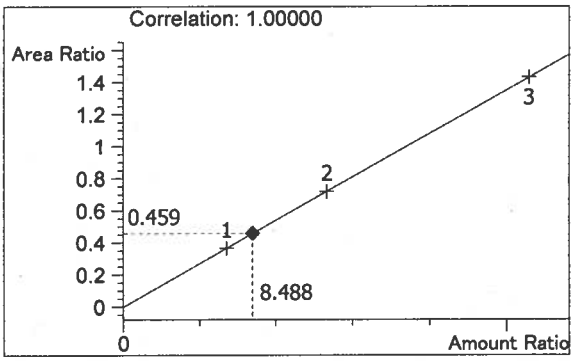
Data File: C:\CHEM32\2\DATA\140603AG\012F1201.D

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

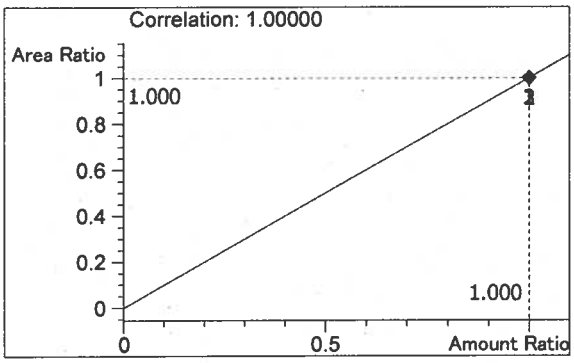
Inj. Date: 6/3/2014 1:24:12 PM Sample Name: 14019 #4
Instrument: HSGC 3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 13
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	722	1.017
2	n-Propanol	1574	1.743



Ethanol 0.102 g/100mL

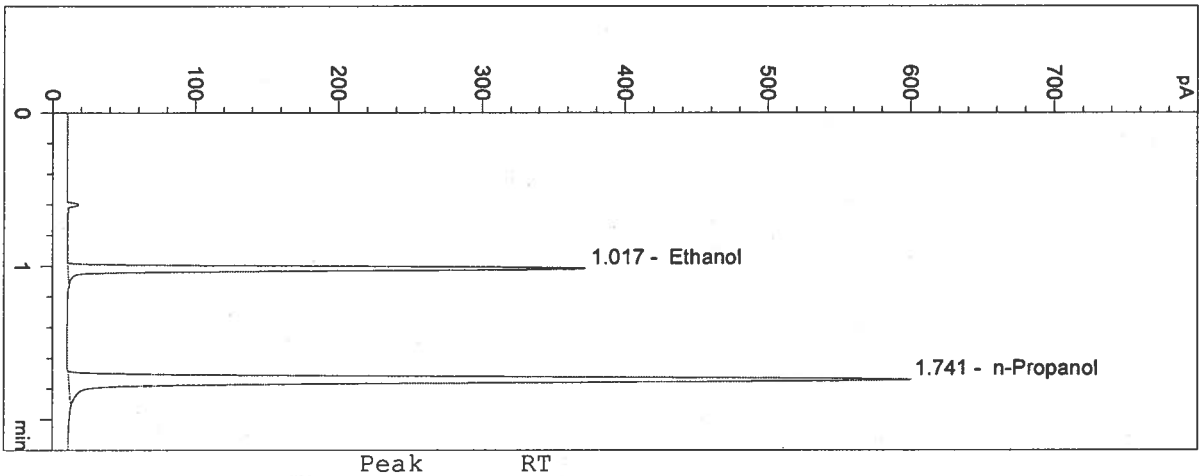


n-Propanol 0.012 g/100mL

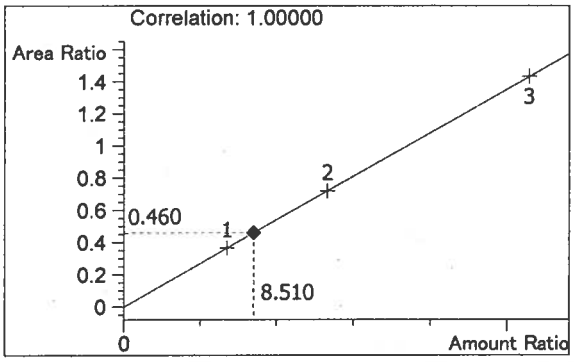
Data File: C:\CHEM32\2\DATA\140603AG\013F1301.D

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

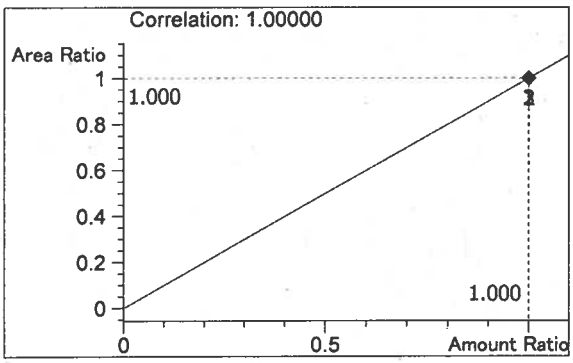
Inj. Date: 6/3/2014 1:27:27 PM Sample Name: 14019 #5
Instrument: HSGC 3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 14
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	727	1.017
2	n-Propanol	1582	1.741



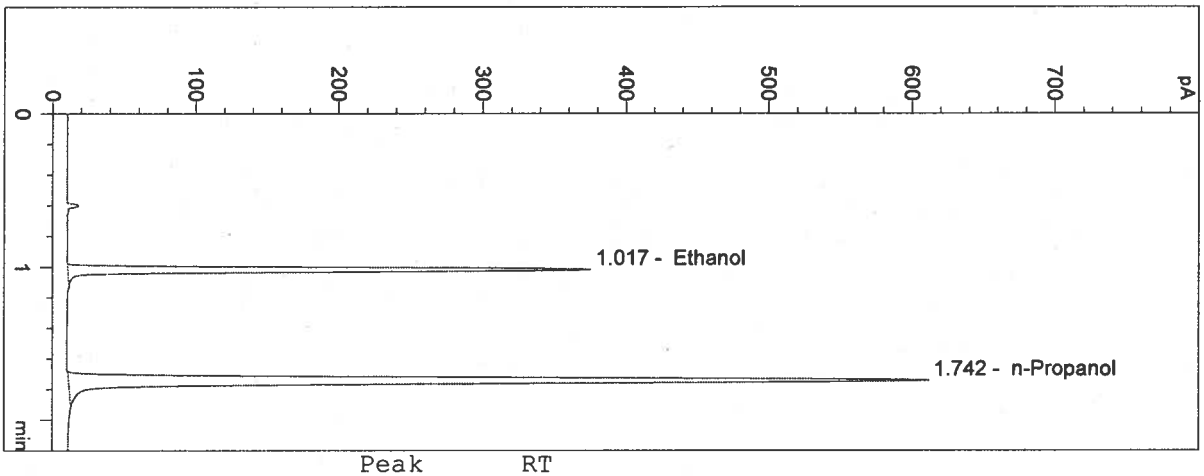
Ethanol 0.102 g/100mL



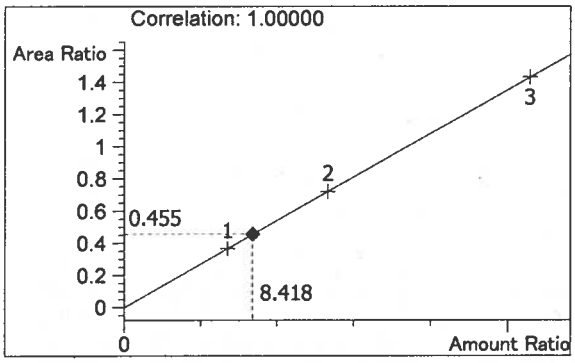
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/3/2014 1:30:40 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 15
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

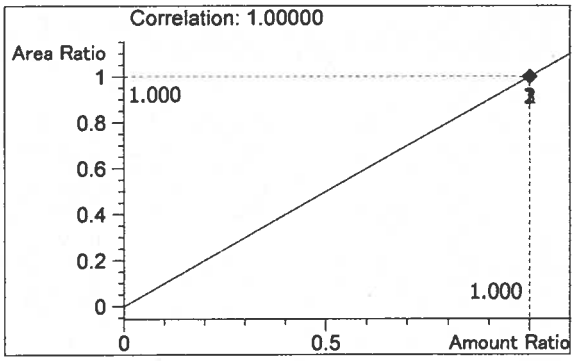


#	Compound	Peak Area	RT (min)
1	Ethanol	735	1.017
2	n-Propanol	1616	1.742



Ethanol 0.101 g/100mL

14019

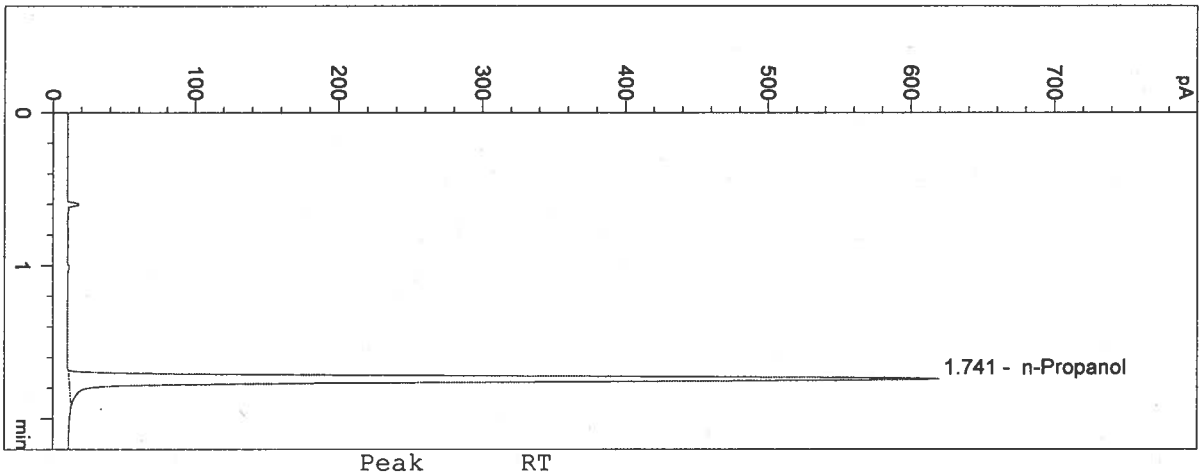


n-Propanol 0.012 g/100mL

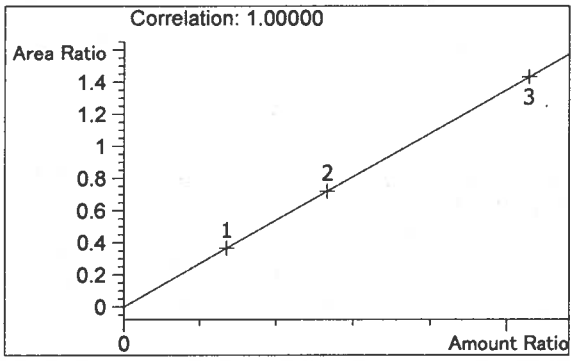
Data File: C:\CHEM32\2\DATA\140603AG\015F1501.D

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

Inj. Date: 6/3/2014 1:33:54 PM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 16
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

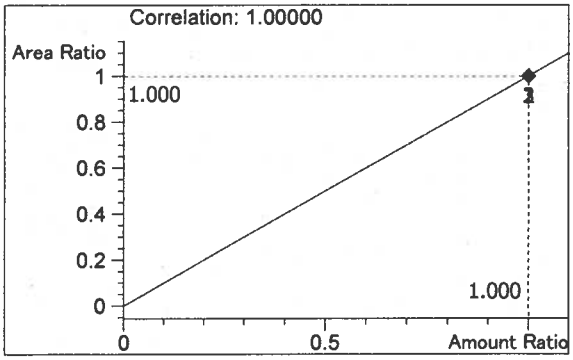


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1637	1.741



Ethanol 0.000 g/100mL

14019



n-Propanol 0.012 g/100mL

Data File: C:\CHEM32\2\DATA\140603AG\016F1601.D

Sequence Parameters:

Sequence : C:\CHEM32\2\SEQUENCE\ACESS.S

Operator : Amanda Chandler

Data File Naming : Auto
Data Directory : C:\Chem32\2\DATA\

Data Subdirectory : 140603AC

Part of Methods to run : According to Runtime Checklist

Barcode Reader : not used

Shutdown Cmd/Macro : none

Sequence Comment :
Cal 1: 0.079 g/100mL - LOT# E0414-01 - exp 10/15/2014
Cal 2: 0.158 g/100mL - LOT# E0414-02 - exp 10/15/2014
Cal 1: 0.316 g/100mL - LOT# E0414-03 - exp 10/15/2014
CTRL 1: 0.04 g/100mL - LOT# FN05011301- exp 05/2018
CTRL 2: 0.10 g/100mL - LOT# FN08051301- exp 10/2018
CTRL 3: 0.20 g/100mL - LOT# FN100511-01 - exp 10/2016
n-propanol ISTD - LOT# P0314 - exp 06/24/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
1	Vial 1	BLANK	SIMALC3	1	Sample	
2	Vial 2	CAL 1 (0.079)	SIMALC3	1	Calib	
3	Vial 3	CAL 2 (0.158)	SIMALC3	1	Calib	
4	Vial 4	CAL 3 (0.316)	SIMALC3	1	Calib	
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp	
6	Vial 6	CTRL 1 (0.04)	SIMALC3	1	Ctrl Samp	
7	Vial 7	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp	
8	Vial 8	CTRL 3 (0.20)	SIMALC3	1	Ctrl Samp	
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp	
10	Vial 10	14019 #1	SIMALC3	1	Sample	

AC

Sequence: C:\CHEM32\2\SEQUENCE\ACESS.S

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
11	Vial 11	14019 #2	SIMALC3	1	Sample	
12	Vial 12	14019 #3	SIMALC3	1	Sample	
13	Vial 13	14019 #4	SIMALC3	1	Sample	
14	Vial 14	14019 #5	SIMALC3	1	Sample	
15	Vial 15	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp	
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp	

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

AC

Calibration Table

General Calibration Setting

Calib. Data Modified : Tuesday, June 03, 2014 2:53:56 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

14019

Signal Details

Signal 1: FID1 A,

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
1.017	1	1	8.12400e-2	575.90826	1.41064e-4	No	No	1 Ethanol
		2	1.59860e-1	1134.25854	1.40938e-4			
		3	3.17330e-1	2265.74805	1.40055e-4			
1.742	1	1	1.20000e-2	1557.26526	7.70582e-6	No	Yes	1 n-Propanol

AC

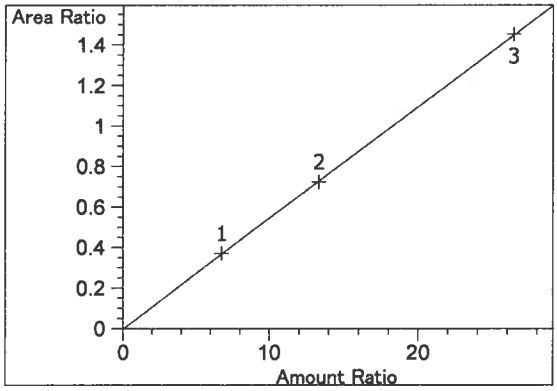
Method C:\CHEM32\2\METHODS\SIMALC3.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	1567.15808	7.65717e-6			
		3	1.20000e-2	1559.69910	7.69379e-6			

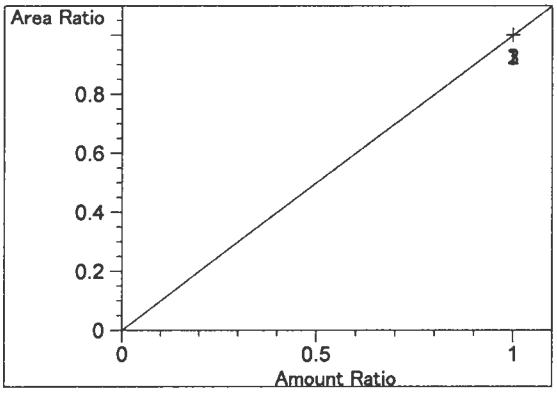
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00466
Formula: y = mx + b
m: 5.49249e-2
b: -2.42651e-3
x: Amount
y: Area

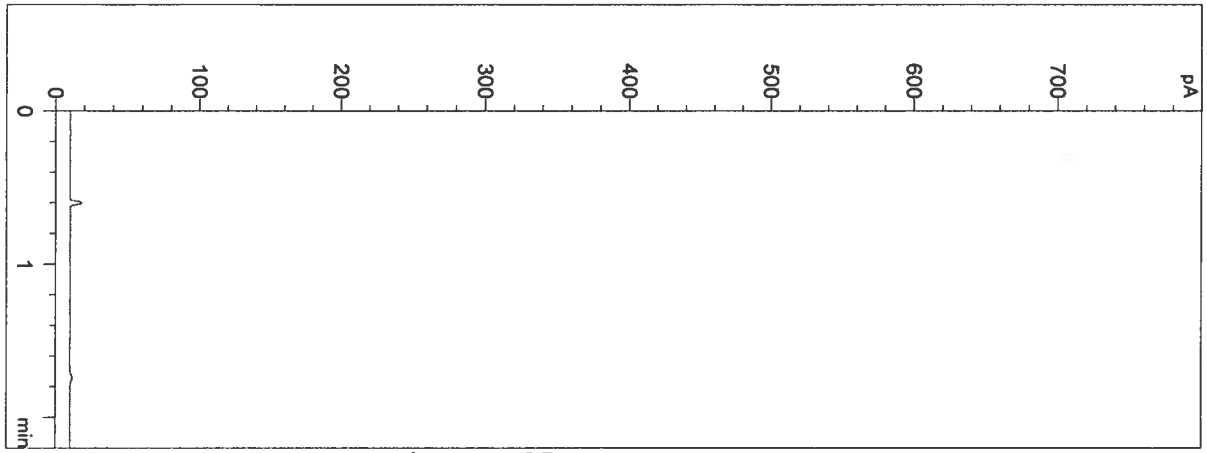


n-Propanol at exp. RT: 1.742
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

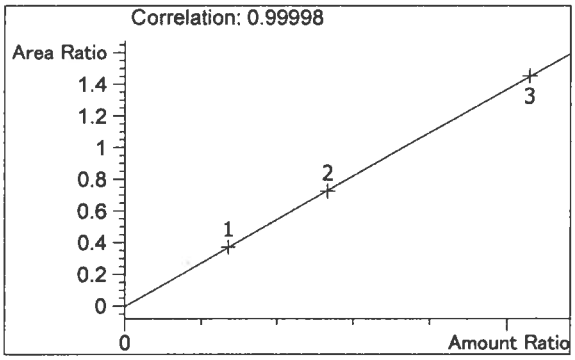
14019

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

Inj. Date: 6/3/2014 2:41:47 PM Sample Name: BLANK
Instrument: HSGC 3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 1
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

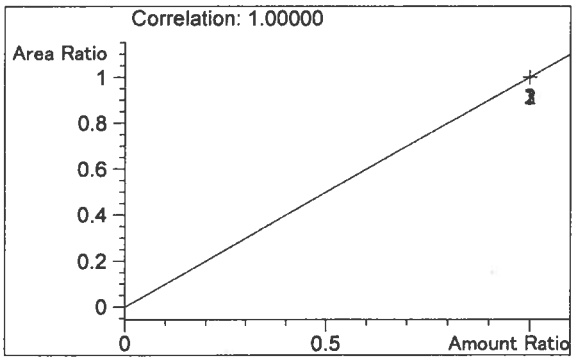


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14019

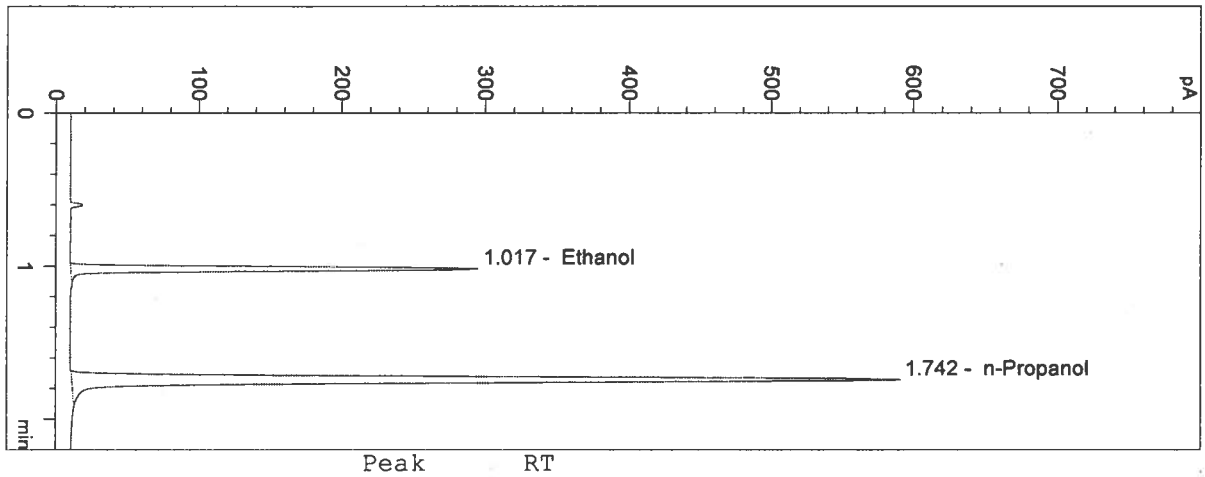


n-Propanol 0.000 g/100mL

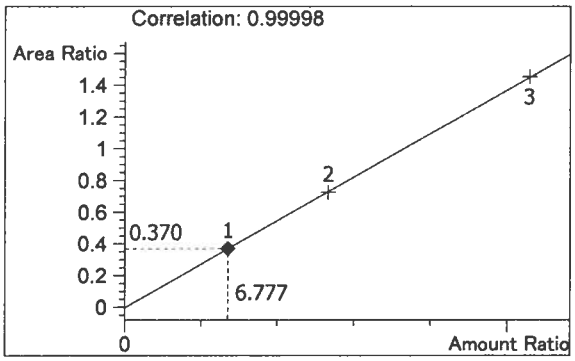
AC

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

Inj. Date: 6/3/2014 2:45:05 PM Sample Name: CAL 1 (0.079)
Instrument: HSGC 3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 2
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

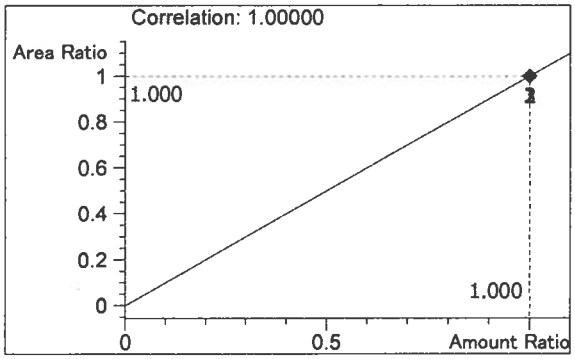


#	Compound	Peak Area	RT (min)
1	Ethanol	576	1.017
2	n-Propanol	1557	1.742



Ethanol 0.081 g/100mL

14019

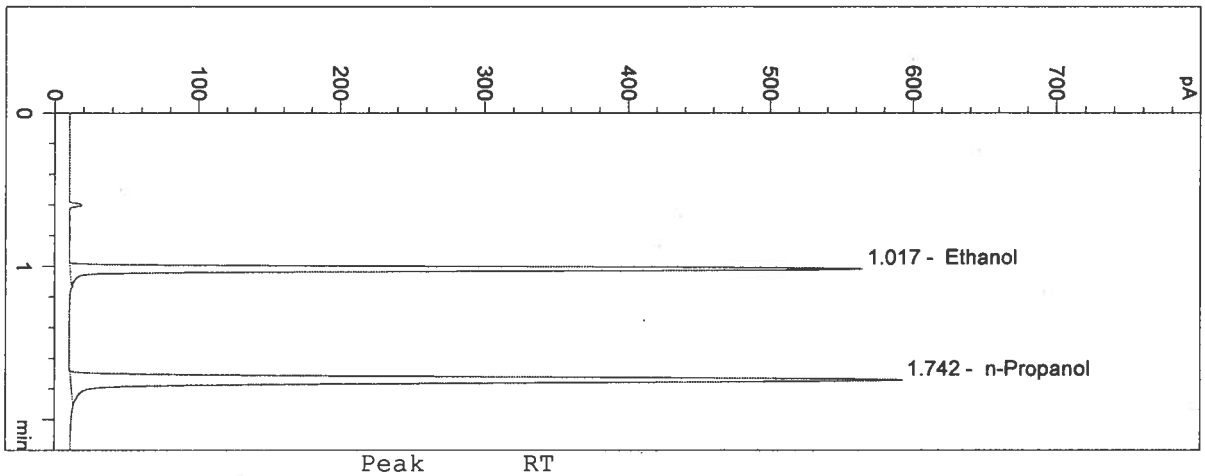


n-Propanol 0.012 g/100mL

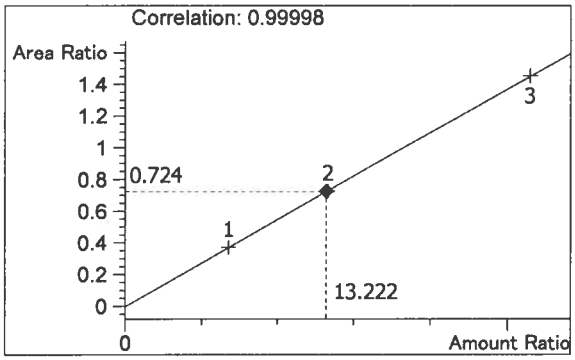
OC

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

Inj. Date: 6/3/2014 2:48:24 PM Sample Name: CAL 2 (0.158)
Instrument: HSGC 3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 3
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

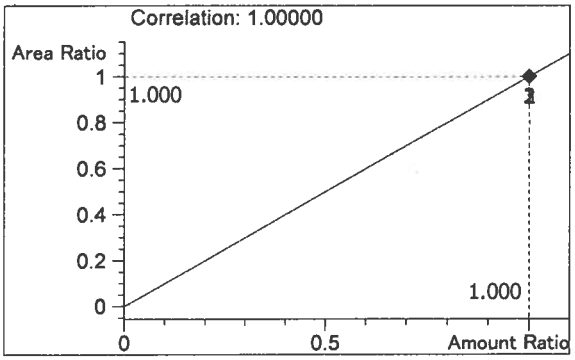


#	Compound	Peak Area	RT (min)
1	Ethanol	1134	1.017
2	n-Propanol	1567	1.742



Ethanol 0.159 g/100mL

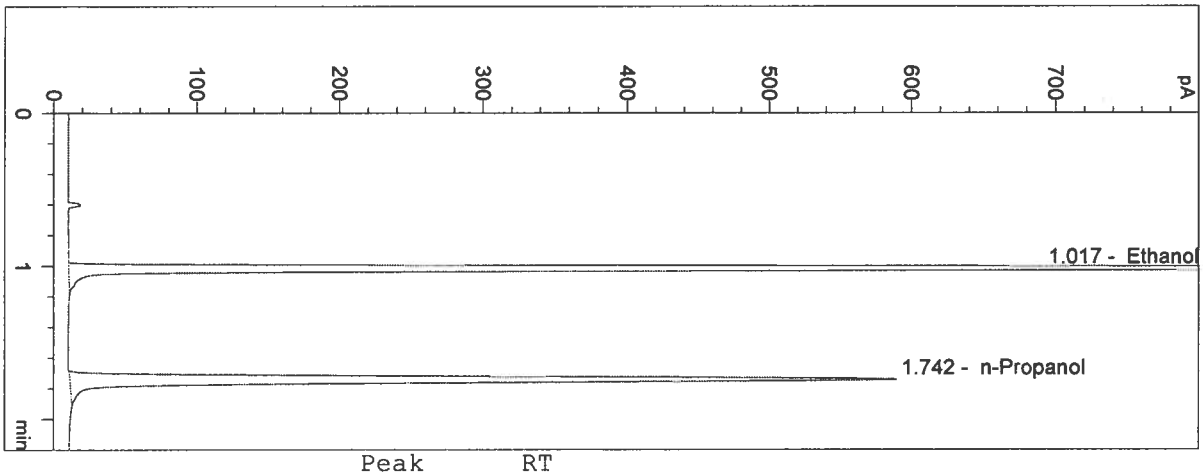
14019



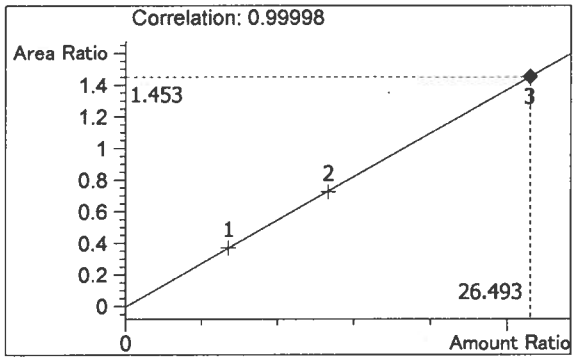
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/3/2014 2:51:41 PM Sample Name: CAL 3 (0.316)
Instrument: HSGC 3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 4
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

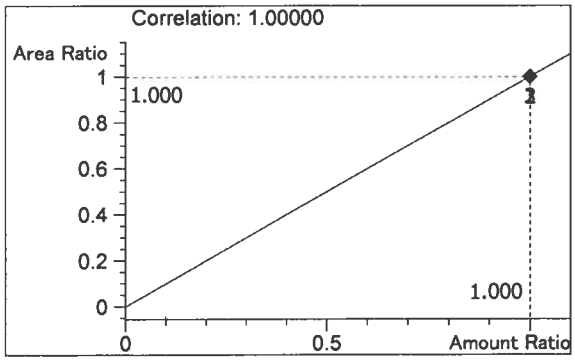


#	Compound	Peak Area	RT (min)
1	Ethanol	2266	1.017
2	n-Propanol	1560	1.742



Ethanol 0.318 g/100mL

14019

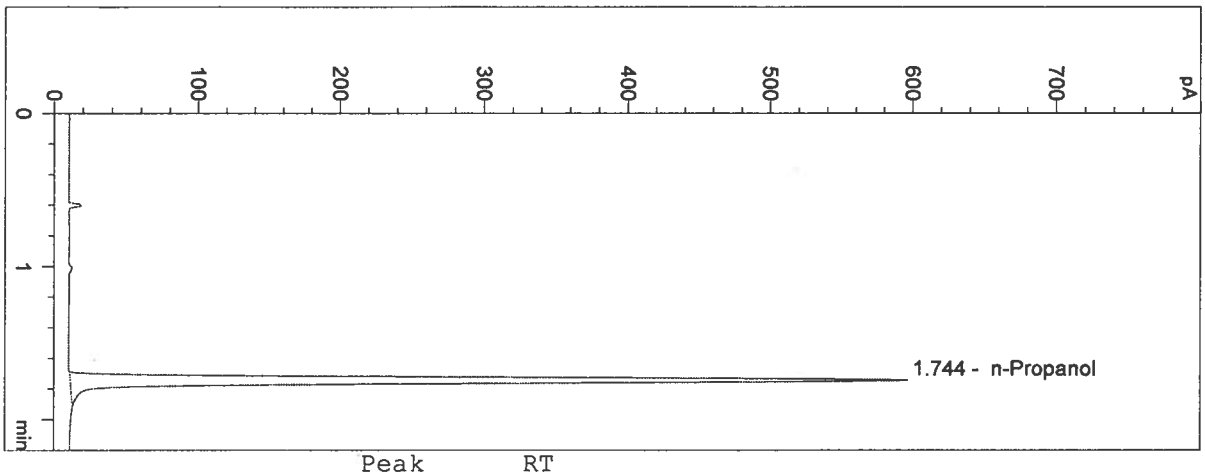


n-Propanol 0.012 g/100mL

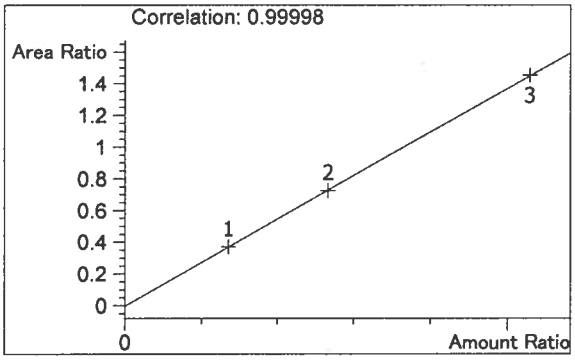
AC

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

Inj. Date: 6/3/2014 2:54:54 PM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 5
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

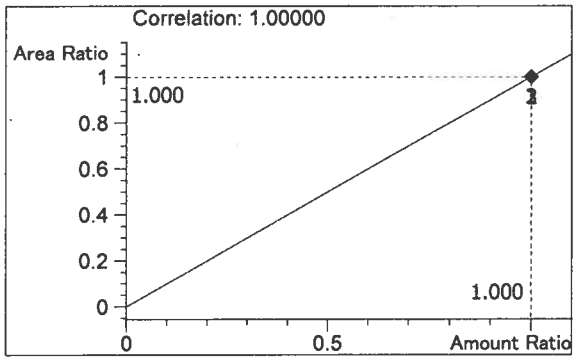


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1577	1.744



Ethanol 0.000 g/100mL

14019

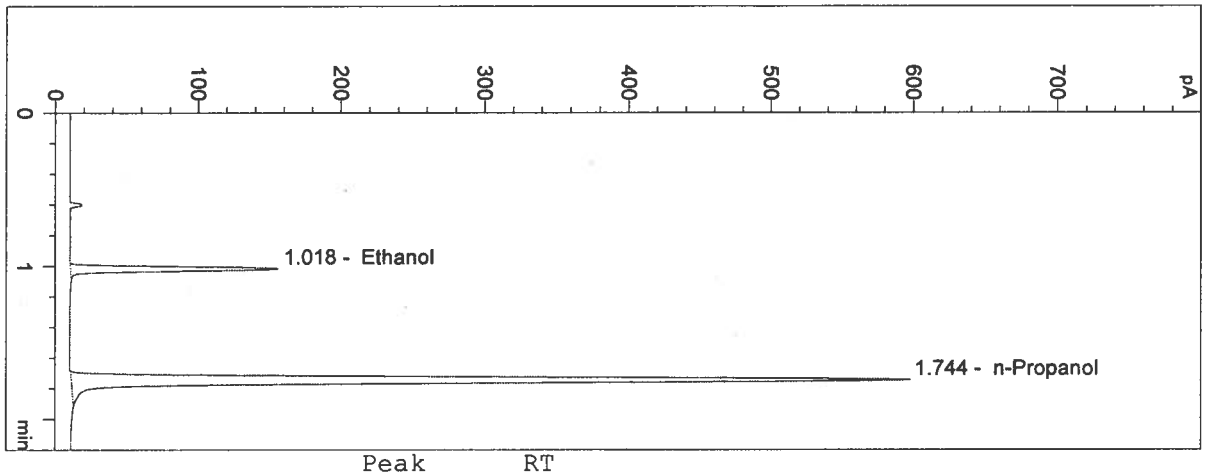


n-Propanol 0.012 g/100mL

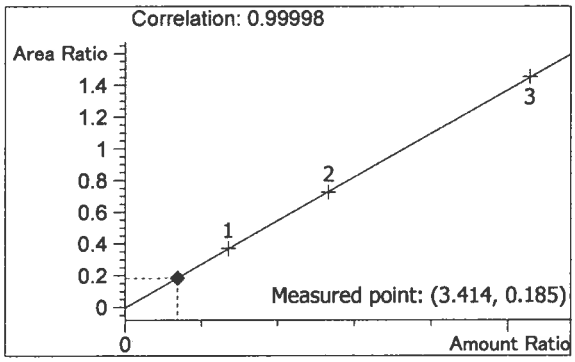
AC

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

Inj. Date: 6/3/2014 2:58:08 PM Sample Name: CTRL 1 (0.04)
Instrument: HSGC 3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 6
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

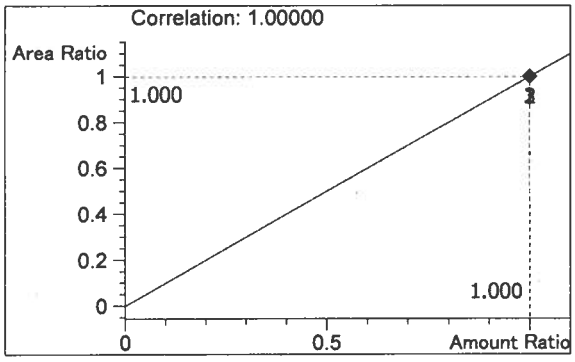


#	Compound	Peak Area	RT (min)
1	Ethanol	291	1.018
2	n-Propanol	1572	1.744



Ethanol 0.041 g/100mL

14019

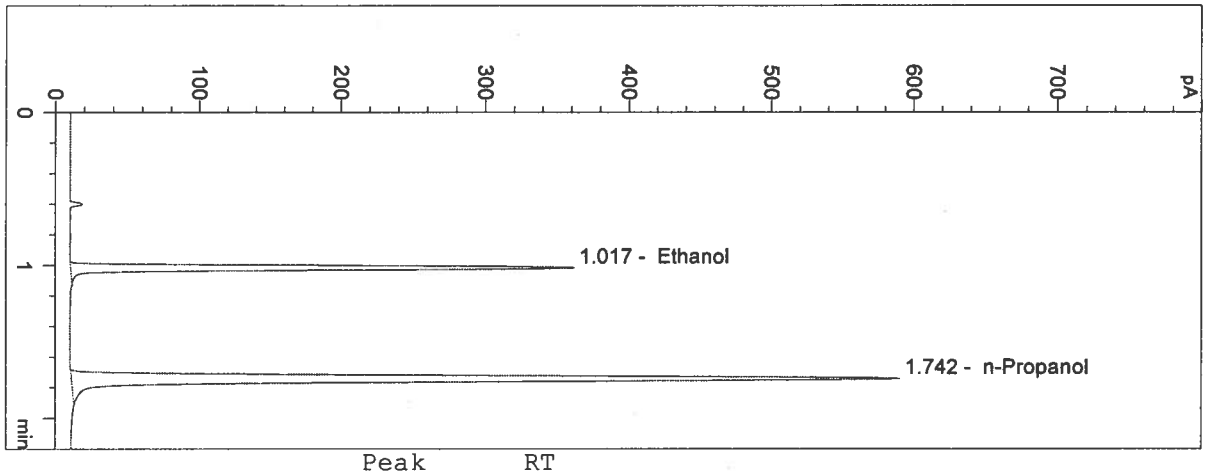


n-Propanol 0.012 g/100mL

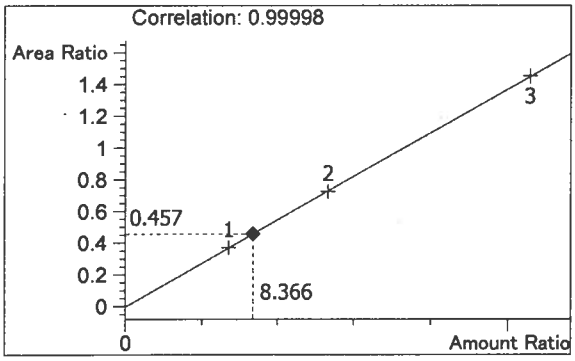
CC

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

Inj. Date: 6/3/2014 3:01:21 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 7
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

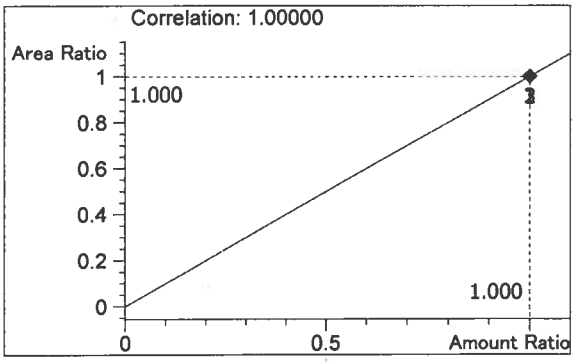


#	Compound	Peak Area	RT (min)
1	Ethanol	712	1.017
2	n-Propanol	1559	1.742



Ethanol 0.100 g/100mL

14019

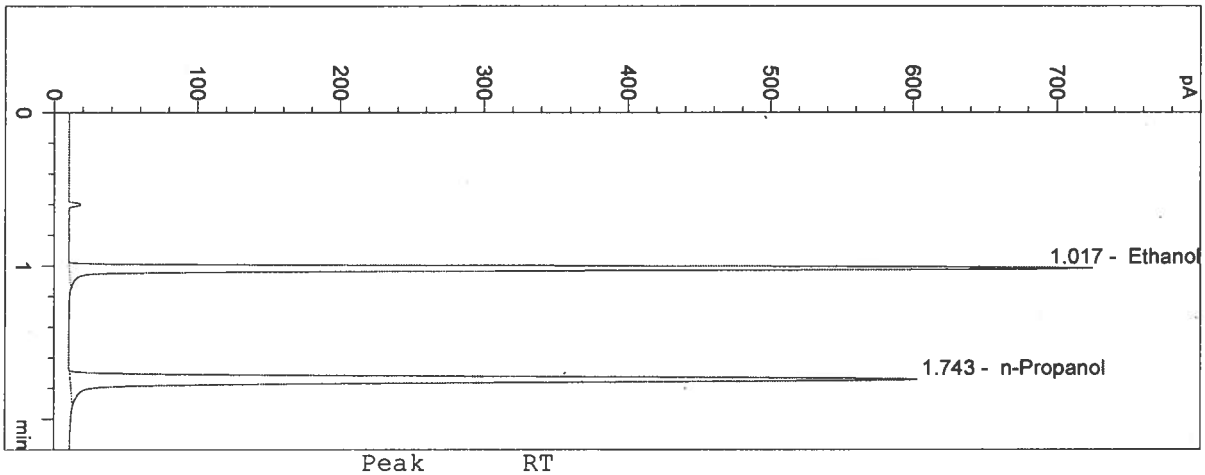


n-Propanol 0.012 g/100mL

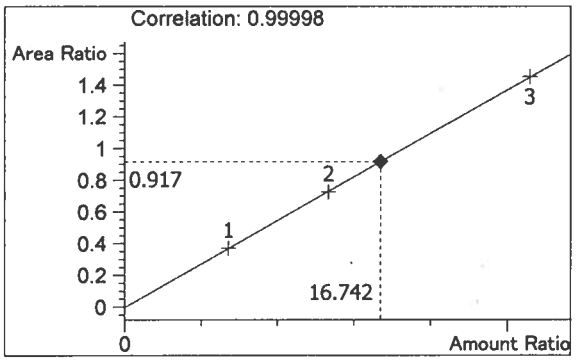
Jic

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

Inj. Date: 6/3/2014 3:04:35 PM Sample Name: CTRL 3 (0.20)
Instrument: HSGC 3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 8
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

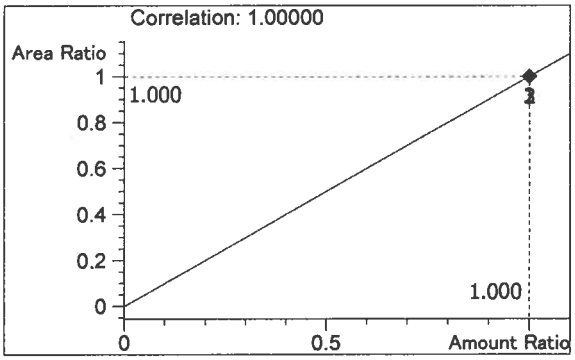


#	Compound	Peak Area	RT (min)
1	Ethanol	1461	1.017
2	n-Propanol	1593	1.743



Ethanol 0.201 g/100mL

14019

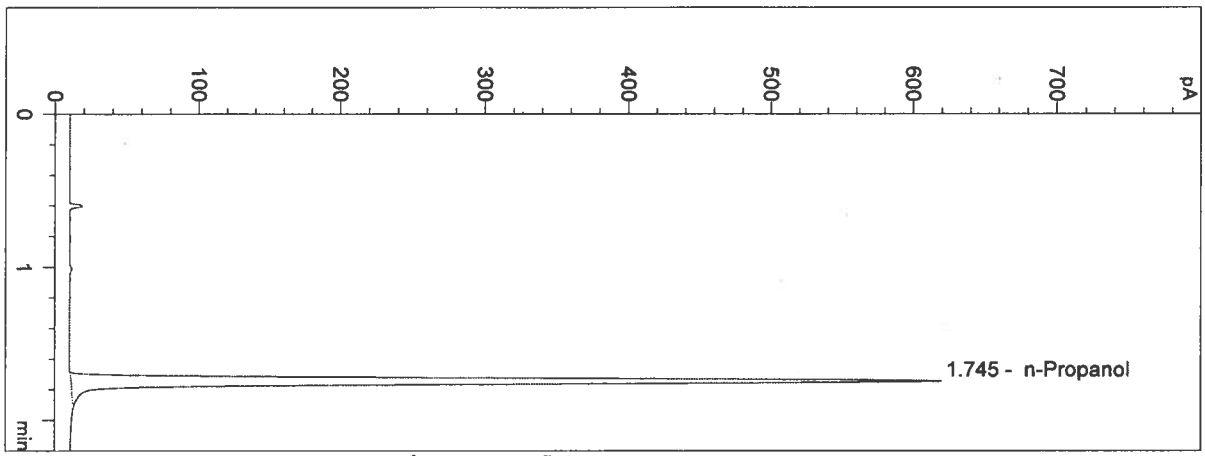


n-Propanol 0.012 g/100mL

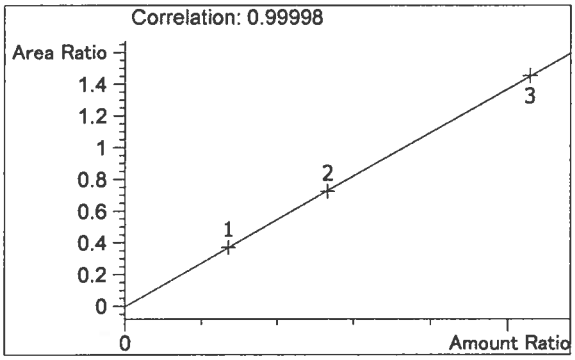
AC

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

Inj. Date: 6/3/2014 3:07:48 PM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 9
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

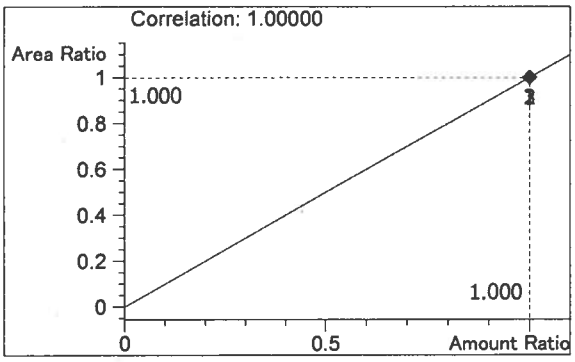


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1637	1.745



Ethanol 0.000 g/100mL

14019

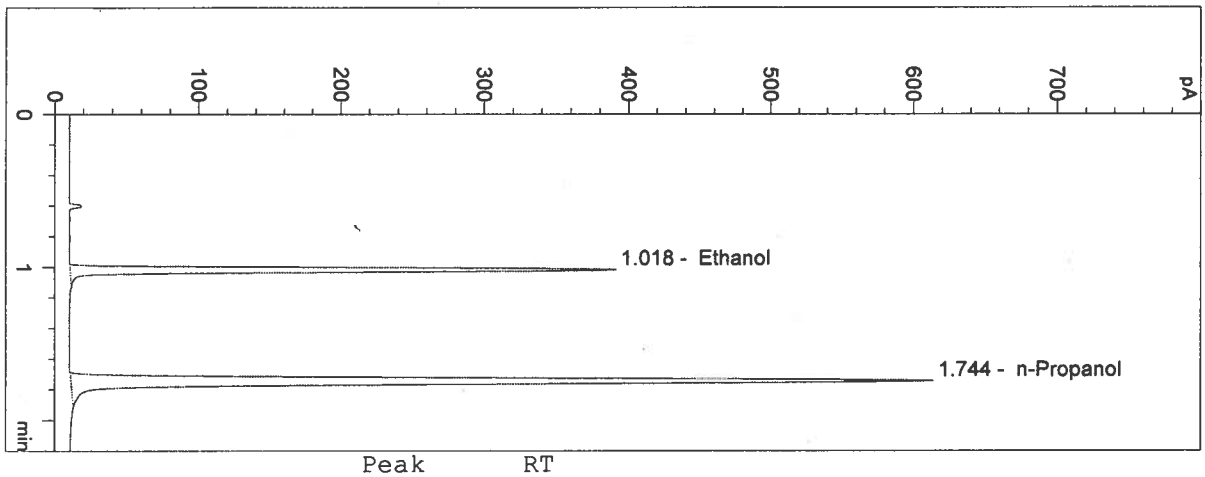


n-Propanol 0.012 g/100mL

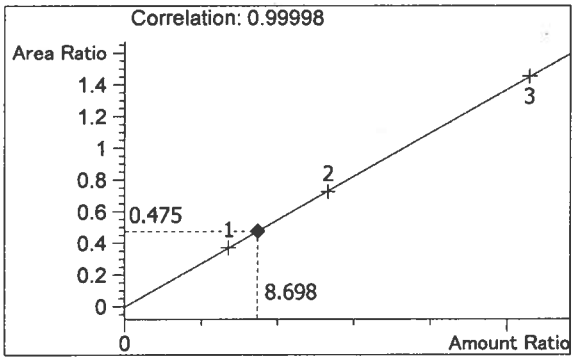
AC

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

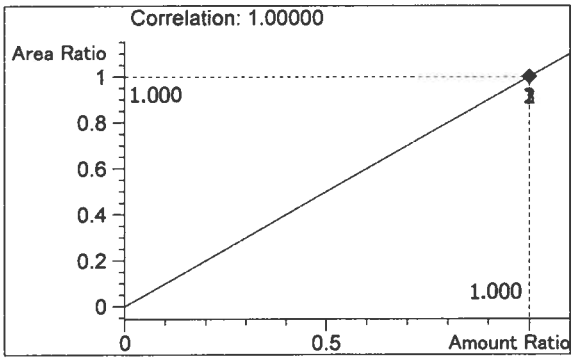
Inj. Date: 6/3/2014 3:11:00 PM Sample Name: 14019 #1
Instrument: HSGC 3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 10
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	770	1.018
2	n-Propanol	1619	1.744



Ethanol 0.104 g/100mL



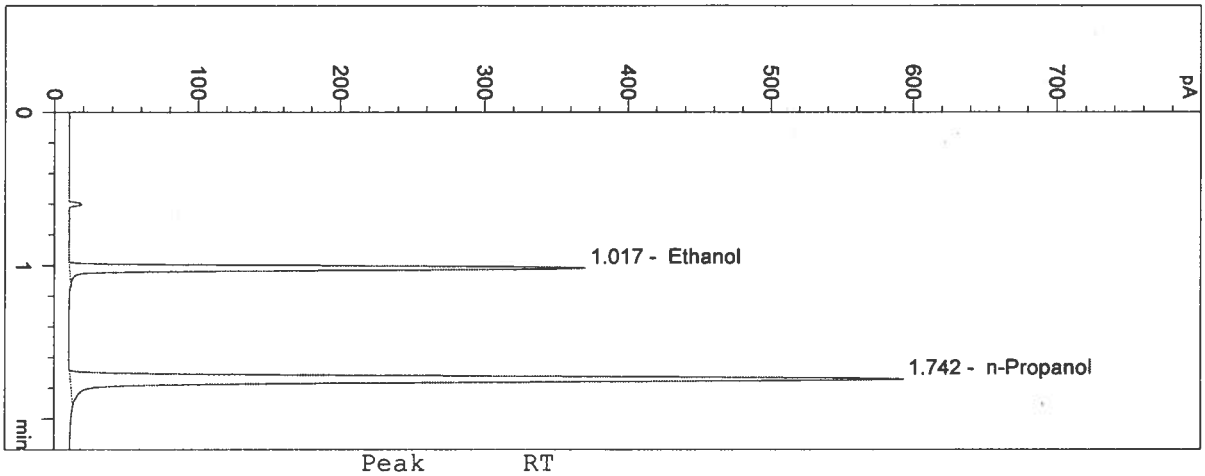
n-Propanol 0.012 g/100mL

Data File: C:\CHEM32\2\DATA\140603AC\010F1001.D Page 1 of 1

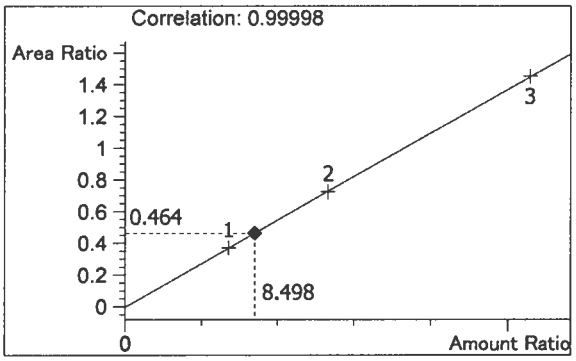
AC

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

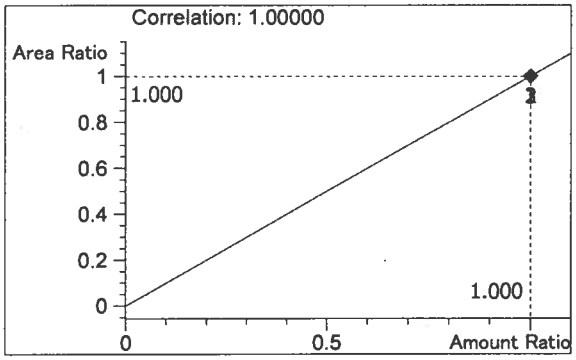
Inj. Date: 6/3/2014 3:14:14 PM Sample Name: 14019 #2
Instrument: HSGC 3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 11
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	731	1.017
2	n-Propanol	1574	1.742



Ethanol 0.102 g/100mL

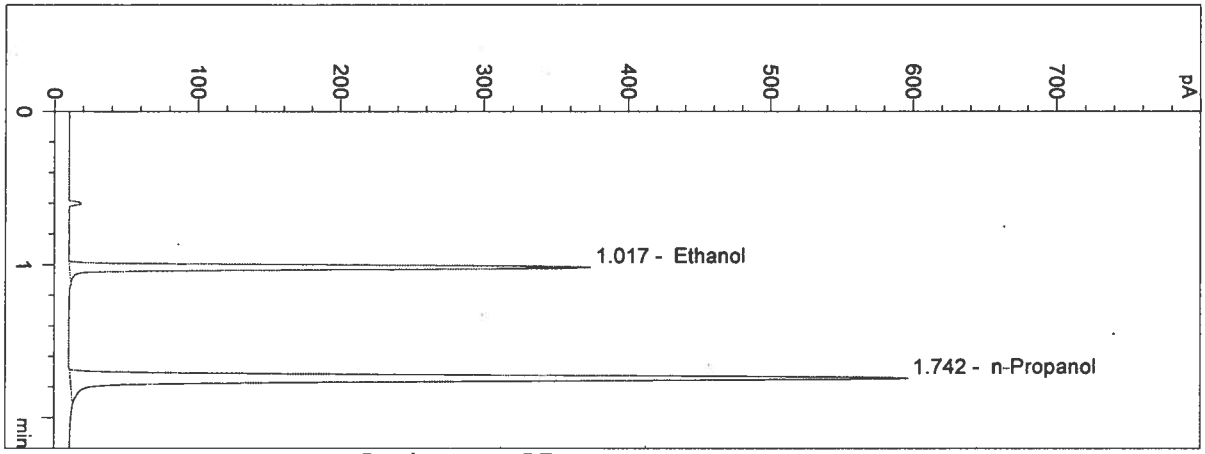


n-Propanol 0.012 g/100mL

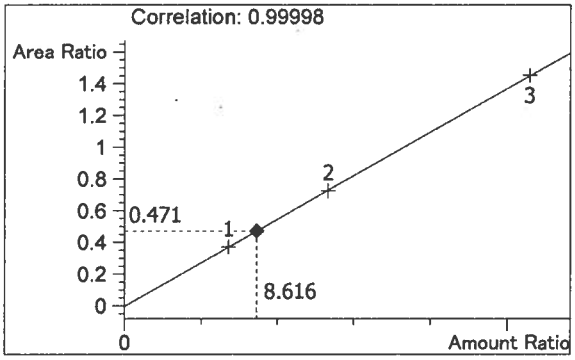
AC

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

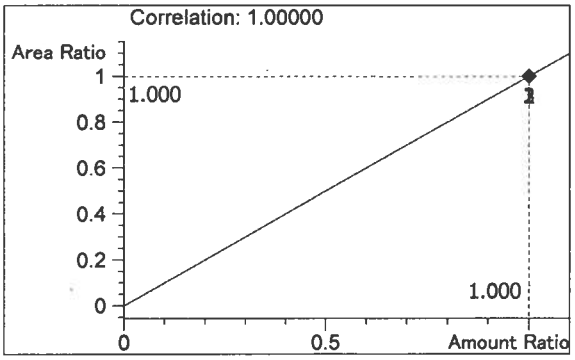
Inj. Date: 6/3/2014 3:17:26 PM Sample Name: 14019 #3
Instrument: HSGC 3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 12
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	745	1.017
2	n-Propanol	1583	1.742



Ethanol 0.103 g/100mL

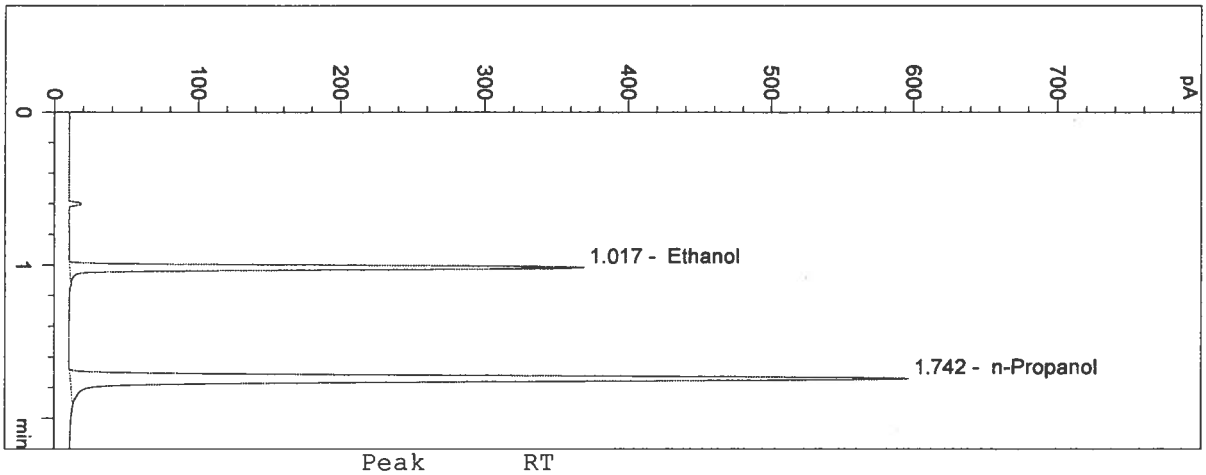


n-Propanol 0.012 g/100mL

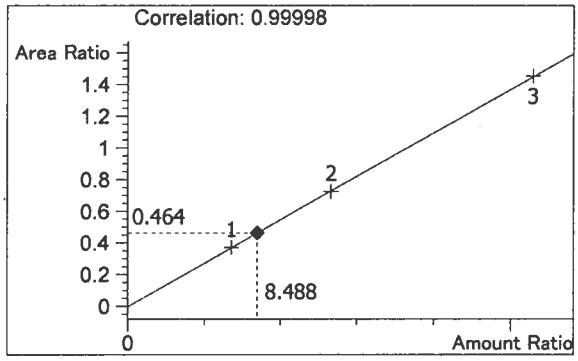
AC

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

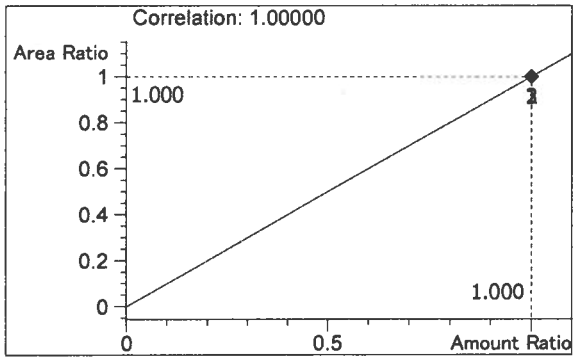
Inj. Date: 6/3/2014 3:20:39 PM Sample Name: 14019 #4
Instrument: HSGC 3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 13
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	734	1.017
2	n-Propanol	1582	1.742



Ethanol 0.102 g/100mL

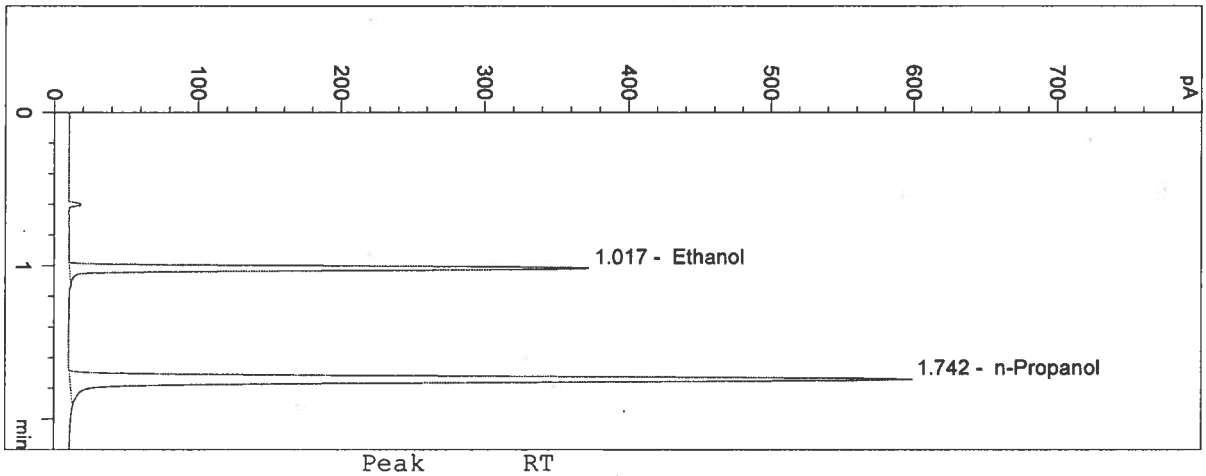


n-Propanol 0.012 g/100mL

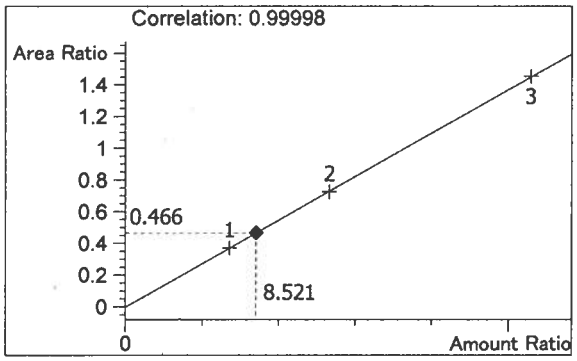
CC

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

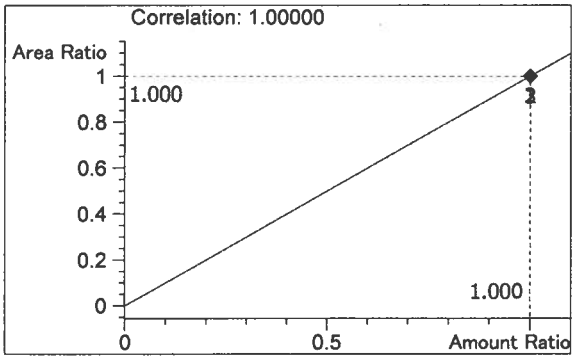
Inj. Date: 6/3/2014 3:23:55 PM Sample Name: 14019 #5
Instrument: HSGC 3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 14
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	737	1.017
2	n-Propanol	1583	1.742



Ethanol 0.102 g/100mL

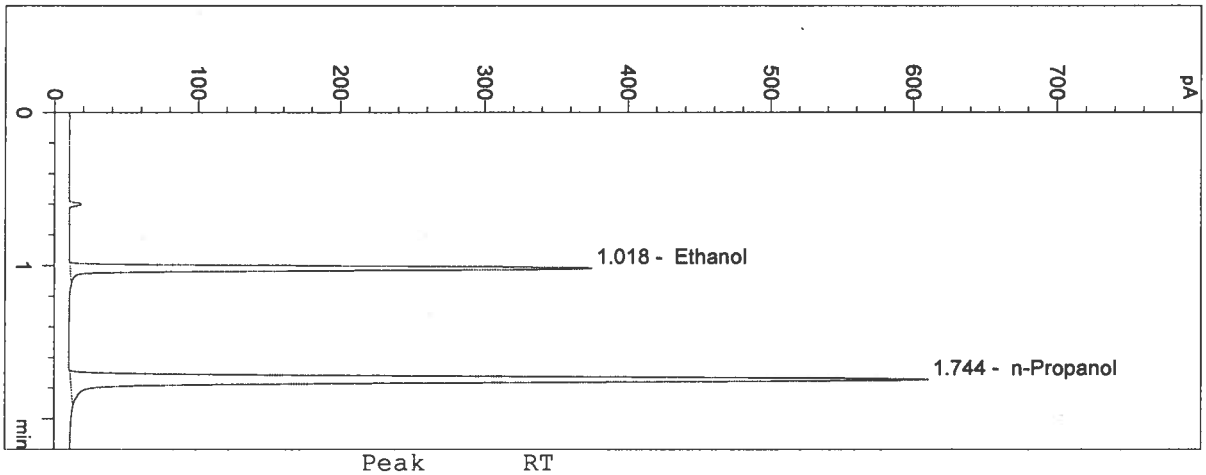


n-Propanol 0.012 g/100mL

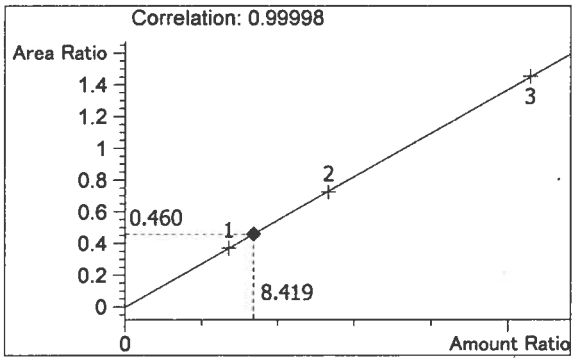
CC

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

Inj. Date: 6/3/2014 3:27:08 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 15
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

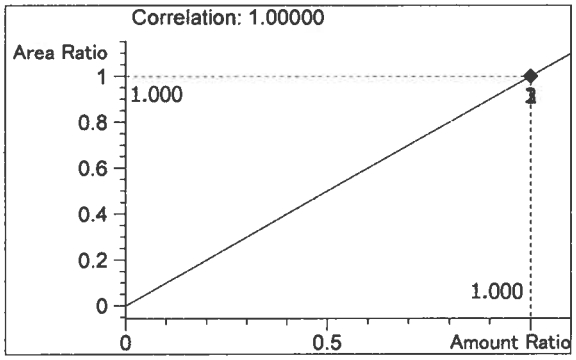


#	Compound	Peak Area	RT (min)
1	Ethanol	742	1.018
2	n-Propanol	1613	1.744



Ethanol 0.101 g/100mL

14019

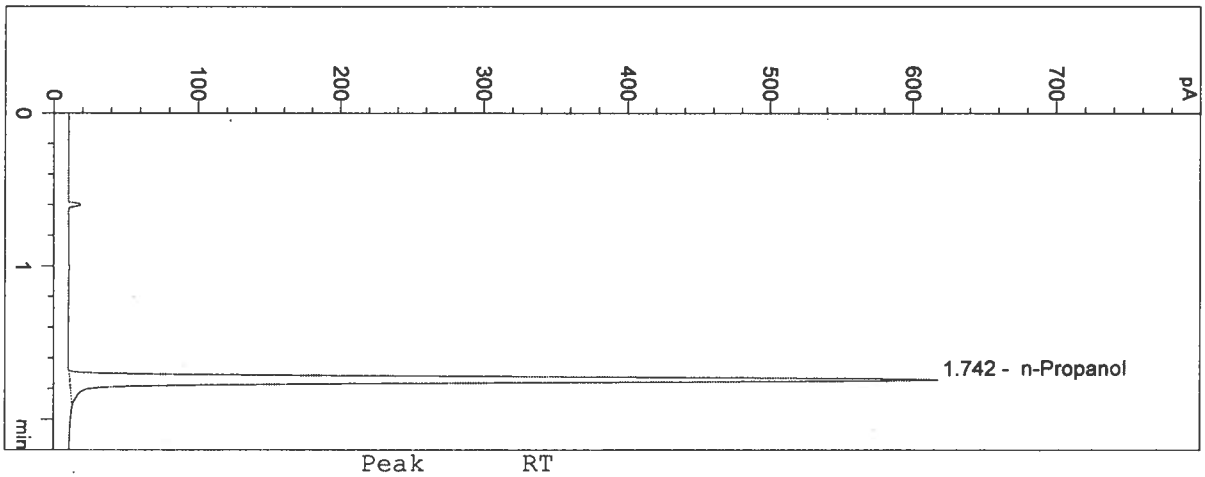


n-Propanol 0.012 g/100mL

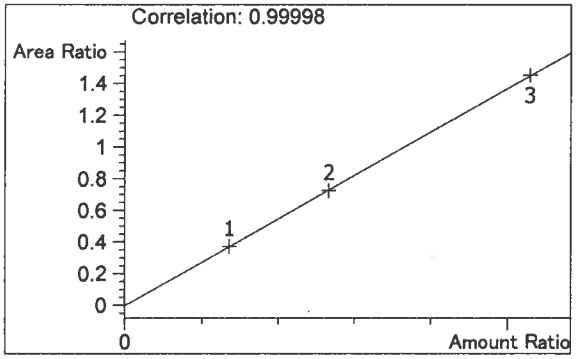
AC

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

Inj. Date: 6/3/2014 3:30:20 PM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 16
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

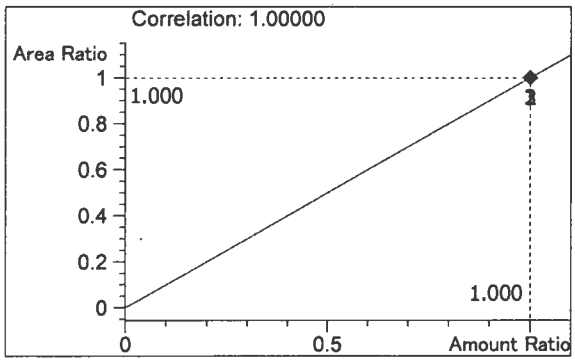


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1639	1.742



Ethanol 0.000 g/100mL

14019



n-Propanol 0.012 g/100mL

AC

Sequence Parameters:

Sequence : C:\CHEM32\2\SEQUENCE\CMESS.S

Operator : Christie Mitchell-Mata

Data File Naming : Auto
Data Directory : C:\Chem32\2\DATA\

Data Subdirectory : 140604CM

Part of Methods to run : According to Runtime Checklist

Barcode Reader : not used

Shutdown Cmd/Macro : none

Sequence Comment :
Cal 1: 0.079 g/100mL - LOT# E0414-01 - exp 10/15/2014
Cal 2: 0.158 g/100mL - LOT# E0414-02 - exp 10/15/2014
Cal 1: 0.316 g/100mL - LOT# E0414-03 - exp 10/15/2014
CTRL 1: 0.04 g/100mL - LOT# FN05011301- exp 05/2018
CTRL 2: 0.10 g/100mL - LOT# FN08051301- exp 10/2018
CTRL 3: 0.20 g/100mL - LOT# FN100511-01 - exp 10/2016
n-propanol ISTD - LOT# P0314 - exp 06/24/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
1	Vial 1	BLANK	SIMALC3	1	Sample	
2	Vial 2	CAL 1 (0.079)	SIMALC3	1	Calib	
3	Vial 3	CAL 2 (0.158)	SIMALC3	1	Calib	
4	Vial 4	CAL 3 (0.316)	SIMALC3	1	Calib	
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp	
6	Vial 6	CTRL 1 (0.04)	SIMALC3	1	Ctrl Samp	
7	Vial 7	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp	
8	Vial 8	CTRL 3 (0.20)	SIMALC3	1	Ctrl Samp	
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp	
10	Vial 10	14019 #1	SIMALC3	1	Sample	

Sequence: C:\CHEM32\2\SEQUENCE\CMESS.S

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
11	Vial 11	14019 #2	SIMALC3	1	Sample	
12	Vial 12	14019 #3	SIMALC3	1	Sample	
13	Vial 13	14019 #4	SIMALC3	1	Sample	
14	Vial 14	14019 #5	SIMALC3	1	Sample	
15	Vial 15	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp	
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp	

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

Calibration Table

General Calibration Setting

Calib. Data Modified : Wednesday, June 04, 2014 1:24:38 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

14019

Signal Details

Signal 1: FID1 A,

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
1.017	1	1	8.12400e-2	578.46118	1.40442e-4	No	No 1	Ethanol
		2	1.59860e-1	1134.80237	1.40870e-4			
		3	3.17330e-1	2271.70972	1.39688e-4			
1.741	1	1	1.20000e-2	1577.24182	7.60822e-6	No	Yes 1	n-Propanol

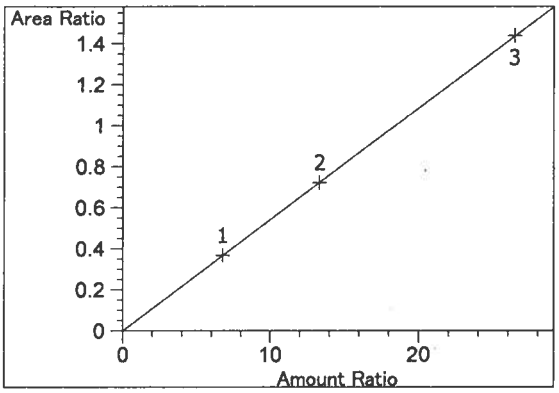
Method C:\CHEM32\2\METHODS\SIMALC3.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	1571.96985	7.63373e-6			
		3	1.20000e-2	1579.82446	7.59578e-6			

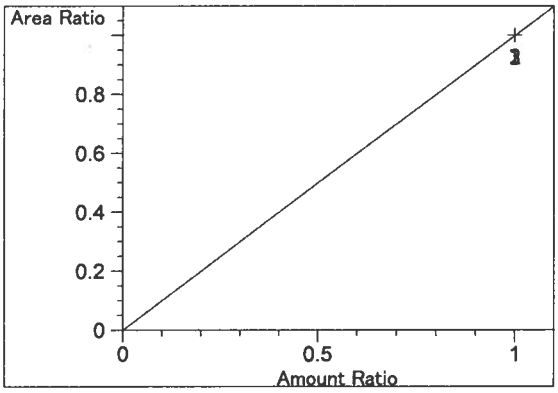
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00147
Formula: y = mx + b
m: 5.43834e-2
b: -1.04309e-3
x: Amount
y: Area

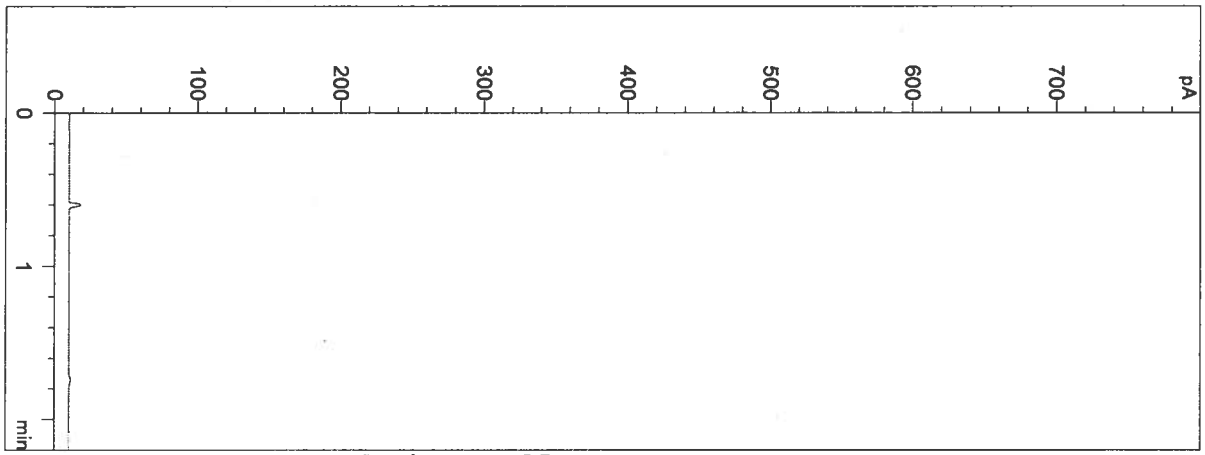


n-Propanol at exp. RT: 1.741
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

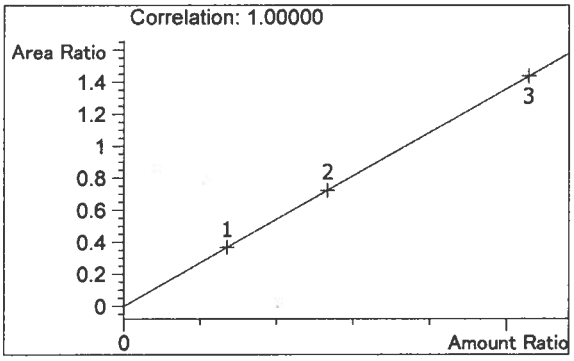
14019

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

Inj. Date: 6/4/2014 1:12:23 PM Sample Name: BLANK
Instrument: HSGC 3 Operator: Christie Mitchell-Mata
Column: DB-ALC2 Location: Vial 1
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

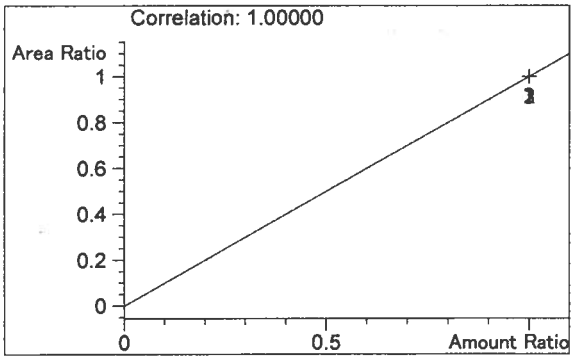


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14019



n-Propanol 0.000 g/100mL

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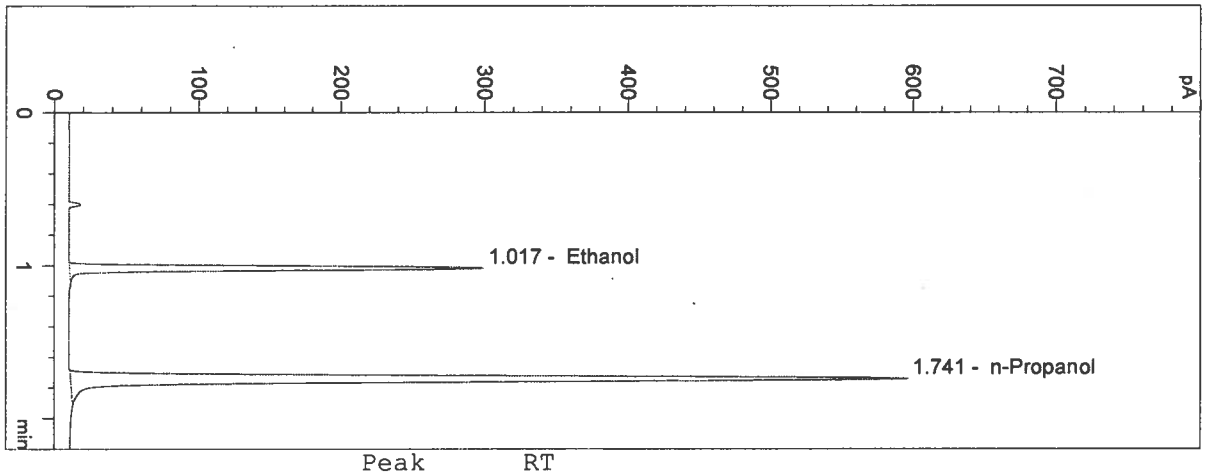
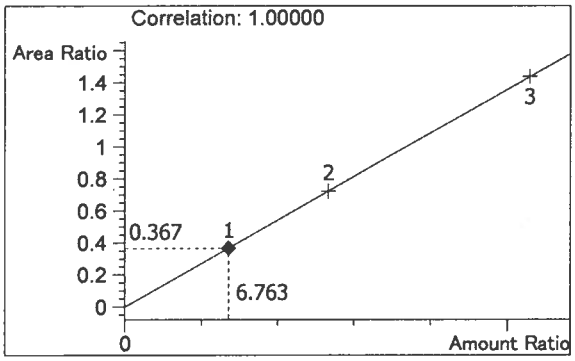
cy

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

Inj. Date: 6/4/2014 1:15:43 PM Sample Name: CAL 1 (0.079)
Instrument: HSGC 3 Operator: Christie Mitchell-Mata
Column: DB-ALC2 Location: Vial 2
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

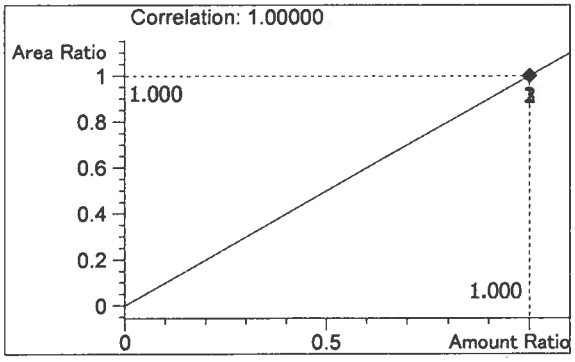


#	Compound	Peak Area	RT (min)
1	Ethanol	578	1.017
2	n-Propanol	1577	1.741



Ethanol 0.081 g/100mL

14019

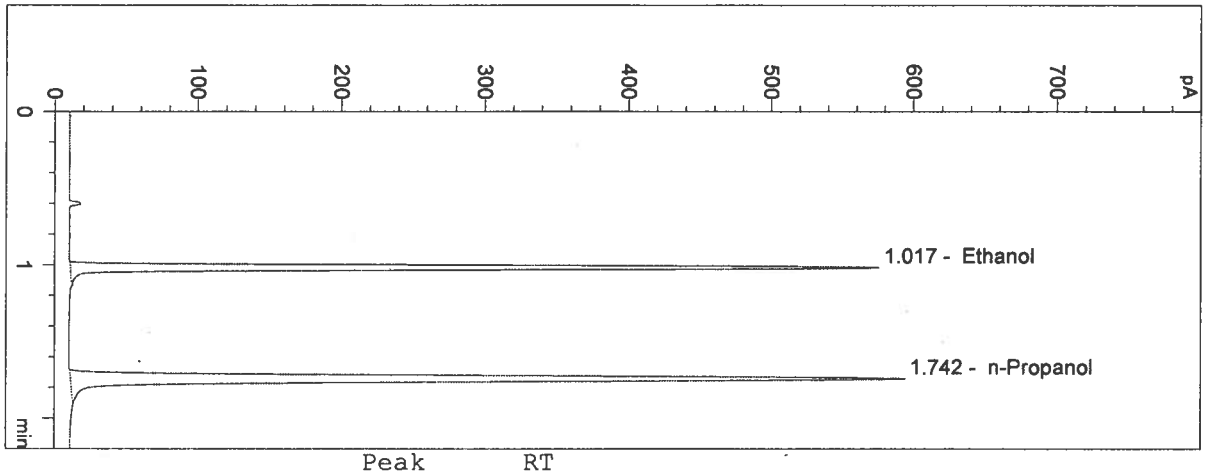


n-Propanol 0.012 g/100mL

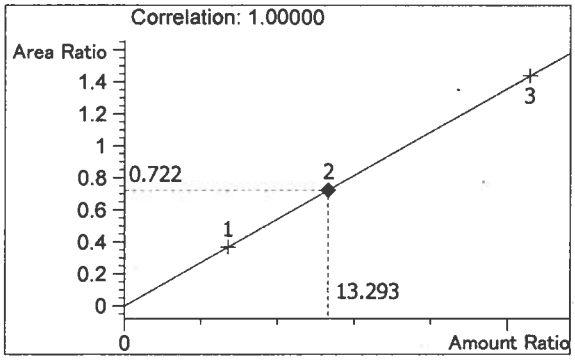
M

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

Inj. Date: 6/4/2014 1:19:00 PM Sample Name: CAL 2 (0.158)
Instrument: HSGC 3 Operator: Christie Mitchell-Mata
Column: DB-ALC2 Location: Vial 3
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

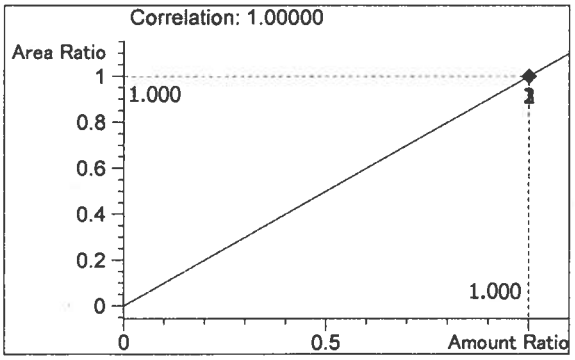


#	Compound	Peak Area	RT (min)
1	Ethanol	1135	1.017
2	n-Propanol	1572	1.742



Ethanol 0.160 g/100mL

14019

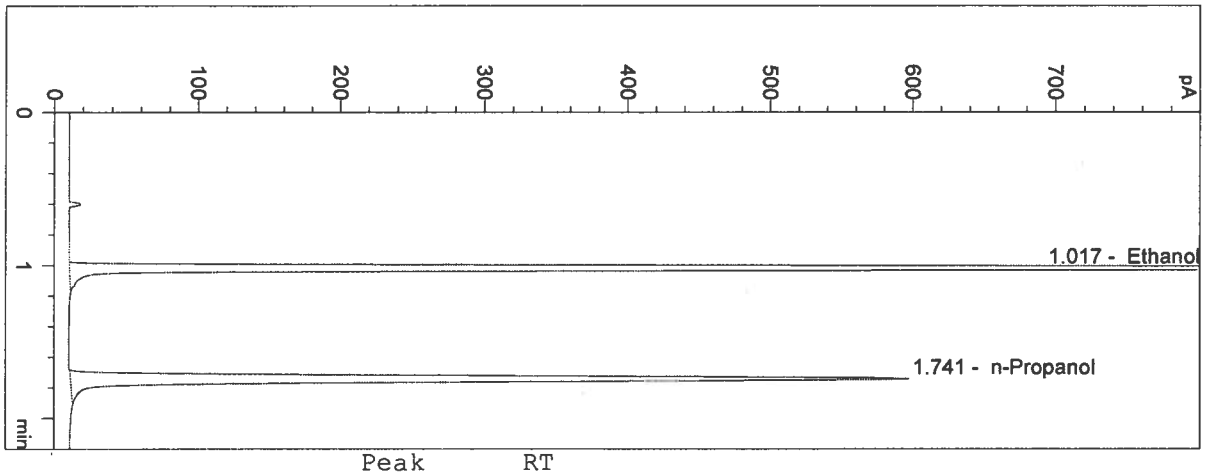


n-Propanol 0.012 g/100mL

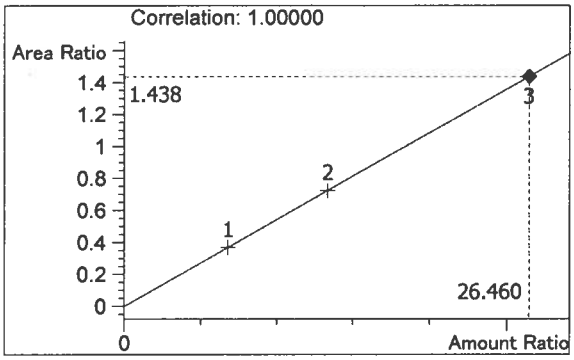
CM

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

Inj. Date: 6/4/2014 1:22:16 PM Sample Name: CAL 3 (0.316)
Instrument: HSGC 3 Operator: Christie Mitchell-Mata
Column: DB-ALC2 Location: Vial 4
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

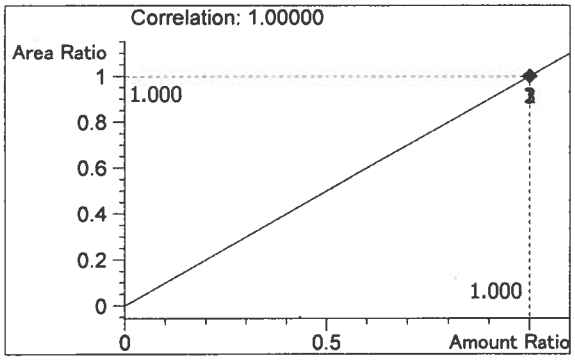


#	Compound	Peak Area	RT (min)
1	Ethanol	2272	1.017
2	n-Propanol	1580	1.741



Ethanol 0.318 g/100mL

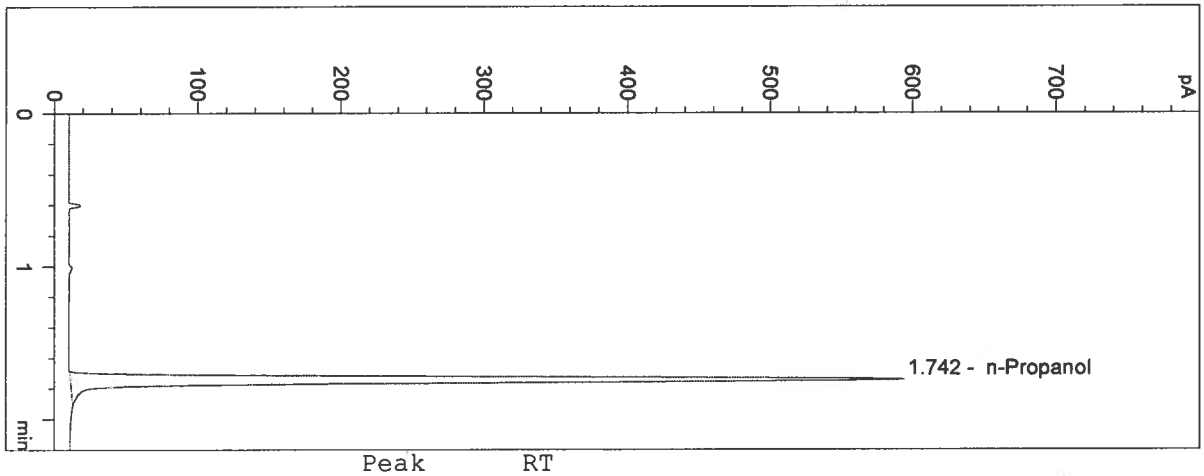
14019



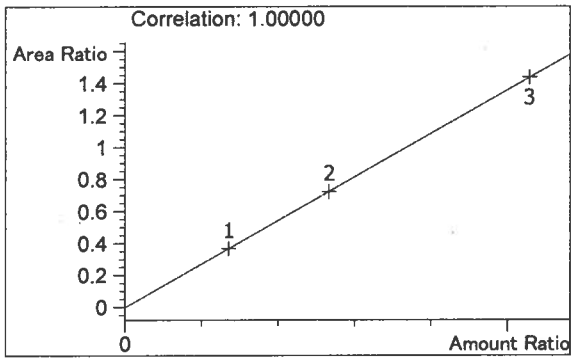
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/4/2014 1:25:30 PM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Christie Mitchell-Mata
Column: DB-ALC2 Location: Vial 5
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

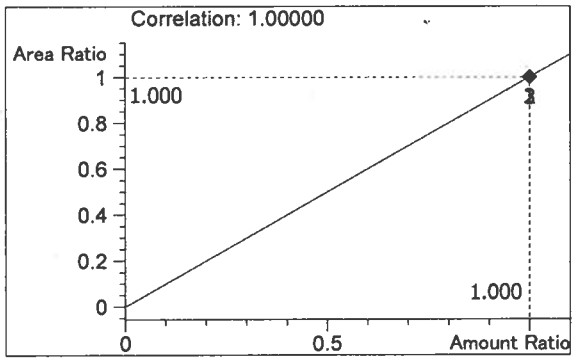


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1569	1.742



Ethanol 0.000 g/100mL

14019

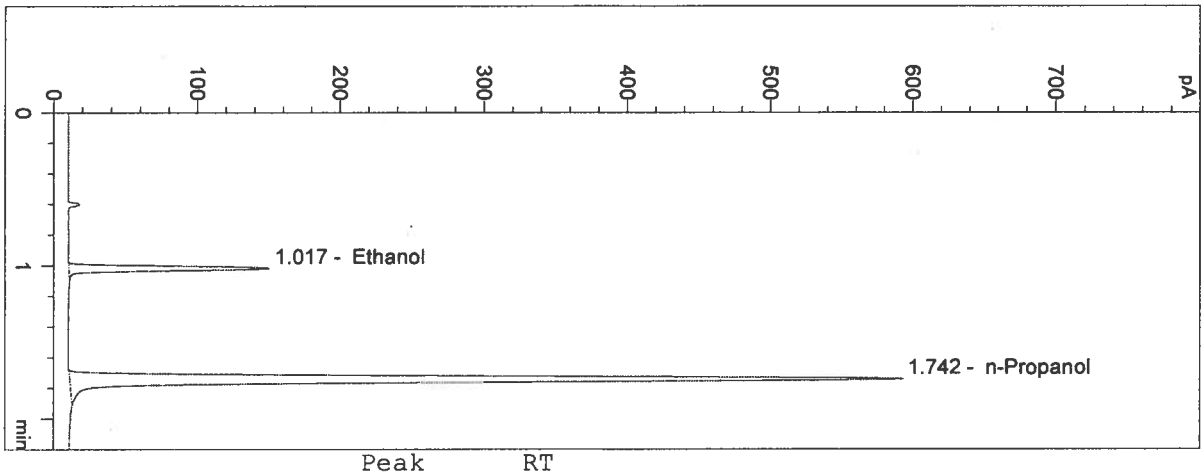


n-Propanol 0.012 g/100mL

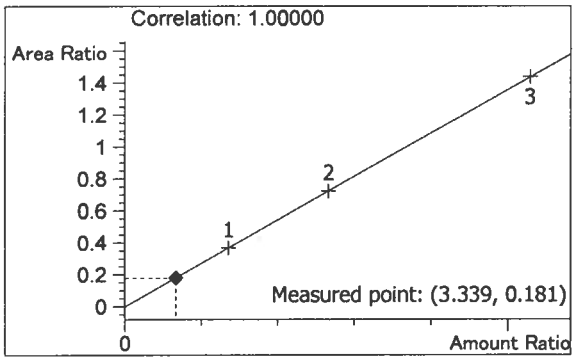
CM

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

Inj. Date: 6/4/2014 1:28:45 PM Sample Name: CTRL 1 (0.04)
Instrument: HSGC 3 Operator: Christie Mitchell-Mata
Column: DB-ALC2 Location: Vial 6
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

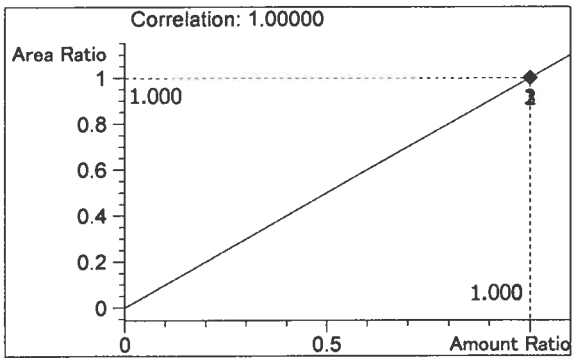


#	Compound	Peak Area	RT (min)
1	Ethanol	283	1.017
2	n-Propanol	1568	1.742



Ethanol 0.040 g/100mL

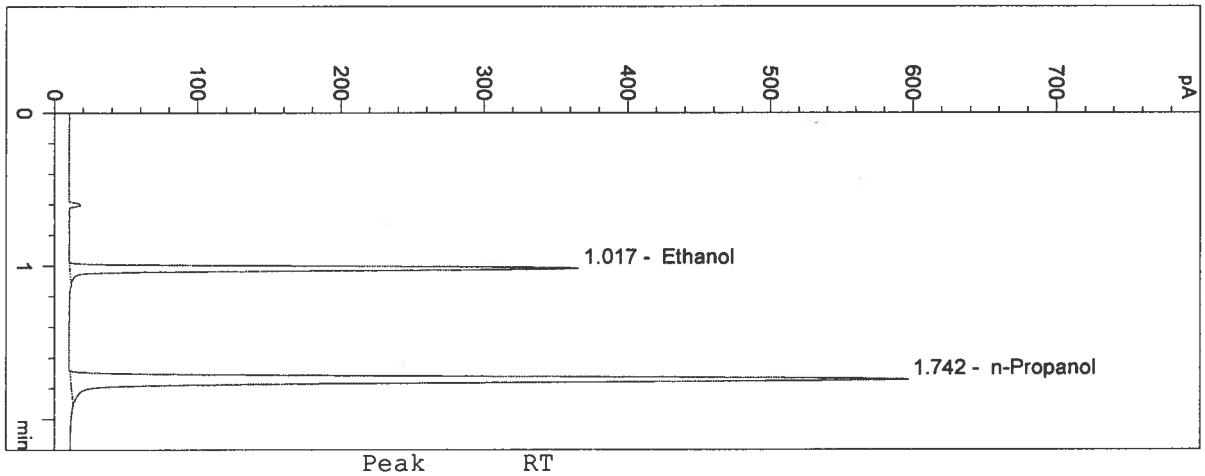
14019



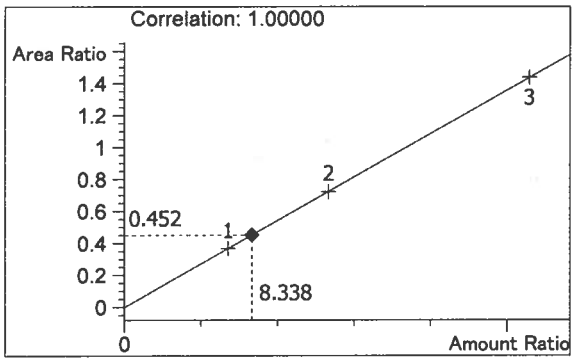
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/4/2014 1:31:57 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 3 Operator: Christie Mitchell-Mata
Column: DB-ALC2 Location: Vial 7
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

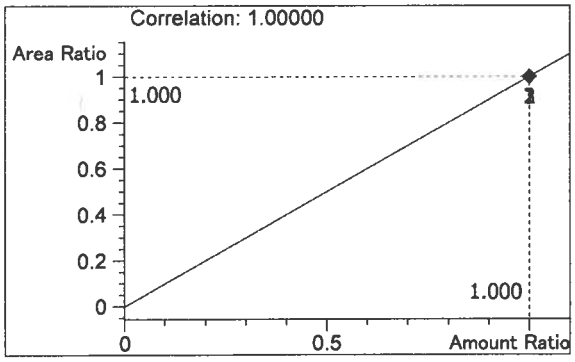


#	Compound	Peak Area	RT (min)
1	Ethanol	714	1.017
2	n-Propanol	1579	1.742



Ethanol 0.100 g/100mL

14019

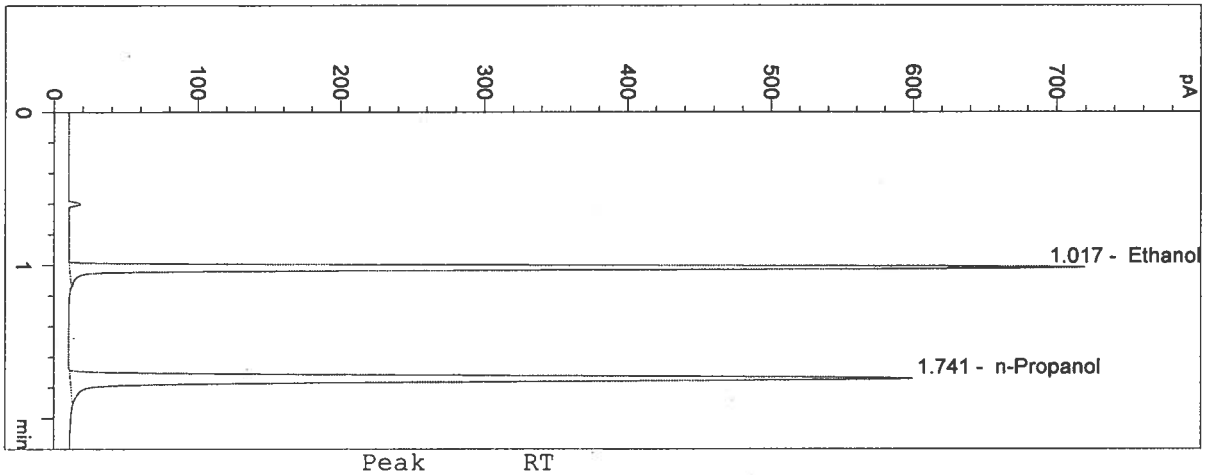


n-Propanol 0.012 g/100mL

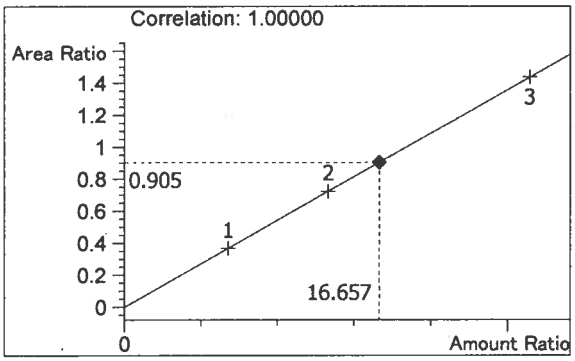
M

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

Inj. Date: 6/4/2014 1:35:11 PM Sample Name: CTRL 3 (0.20)
Instrument: HSGC 3 Operator: Christie Mitchell-Mata
Column: DB-ALC2 Location: Vial 8
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

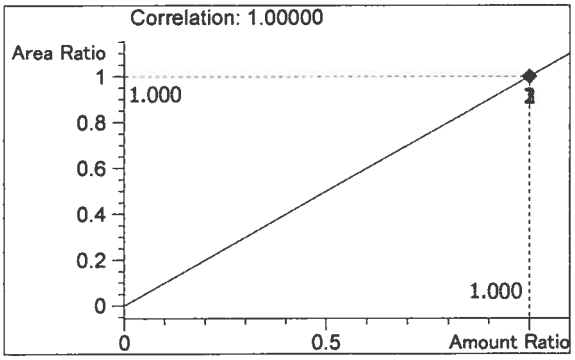


#	Compound	Peak Area	RT (min)
1	Ethanol	1436	1.017
2	n-Propanol	1587	1.741



Ethanol 0.200 g/100mL

14019

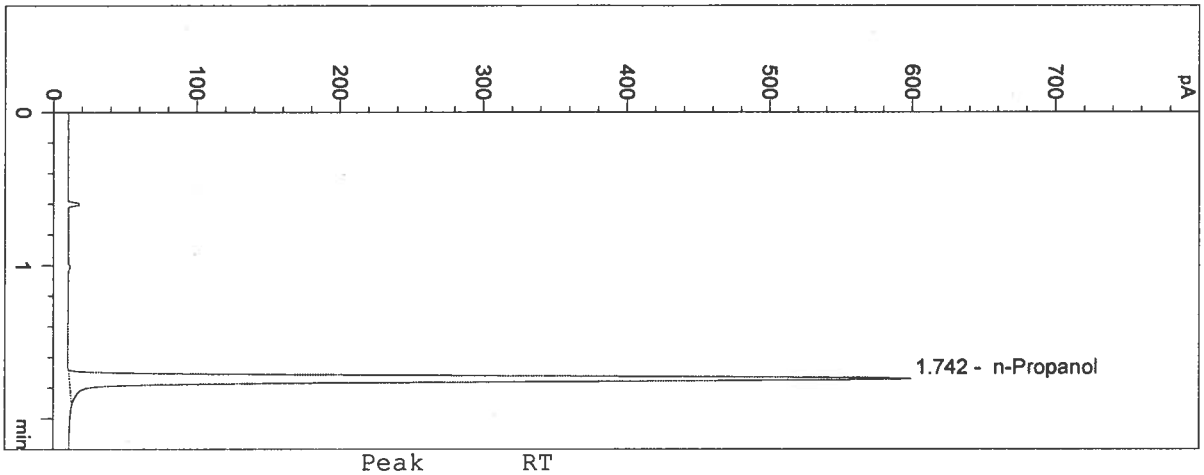


n-Propanol 0.012 g/100mL

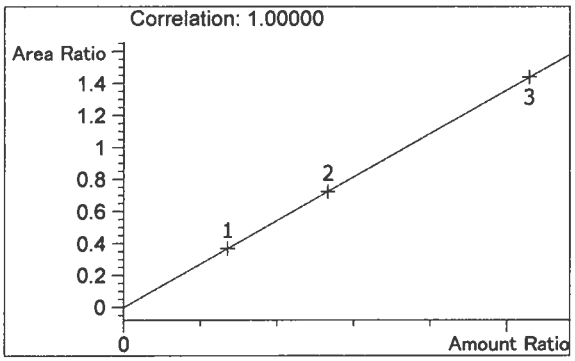
CM

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

Inj. Date: 6/4/2014 1:38:24 PM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Christie Mitchell-Mata
Column: DB-ALC2 Location: Vial 9
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

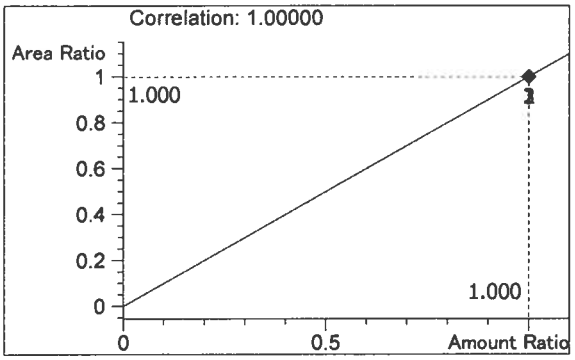


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1586	1.742



Ethanol 0.000 g/100mL

14019

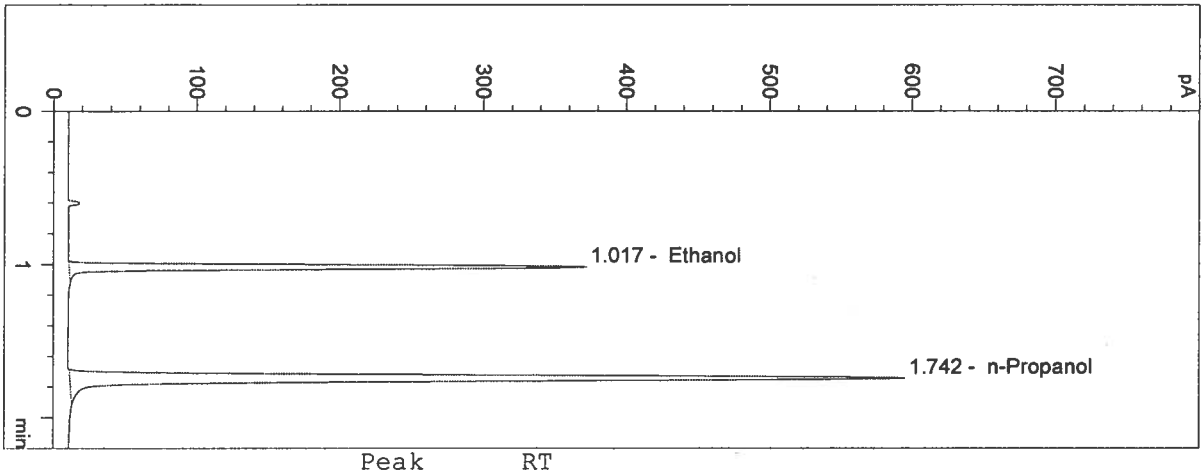


n-Propanol 0.012 g/100mL

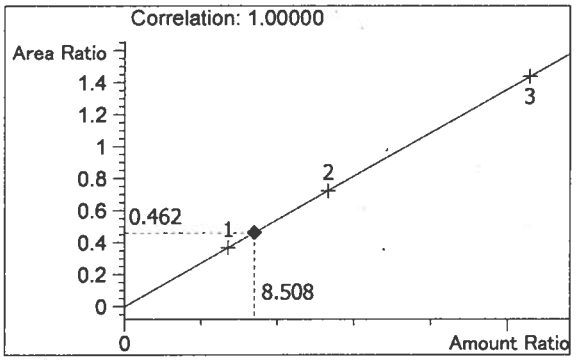
CM

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

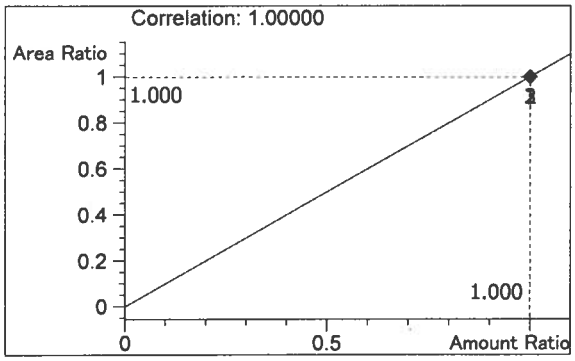
Inj. Date: 6/4/2014 1:41:39 PM Sample Name: 14019 #1
Instrument: HSGC 3 Operator: Christie Mitchell-Mata
Column: DB-ALC2 Location: Vial 10
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	725	1.017
2	n-Propanol	1571	1.742



Ethanol 0.102 g/100mL

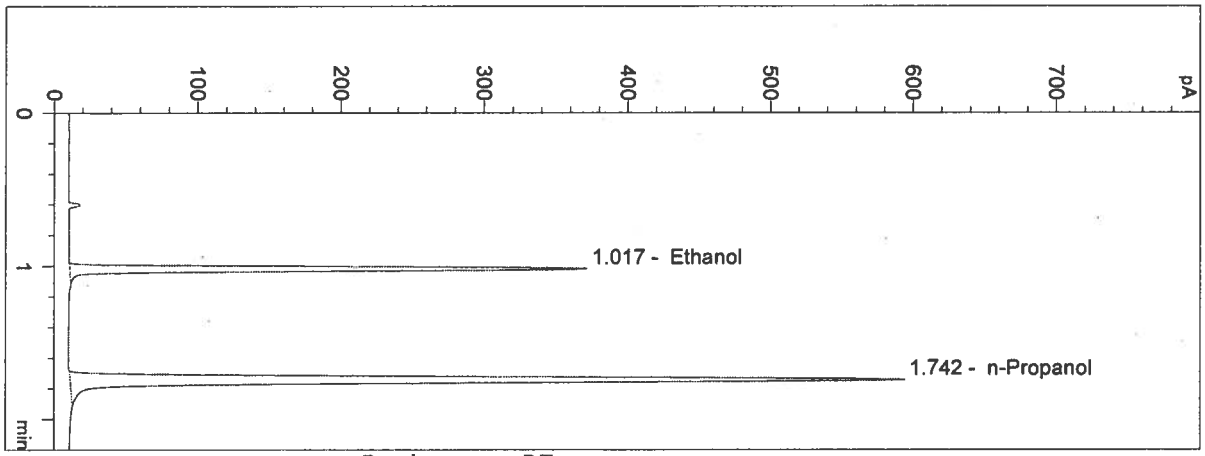


n-Propanol 0.012 g/100mL

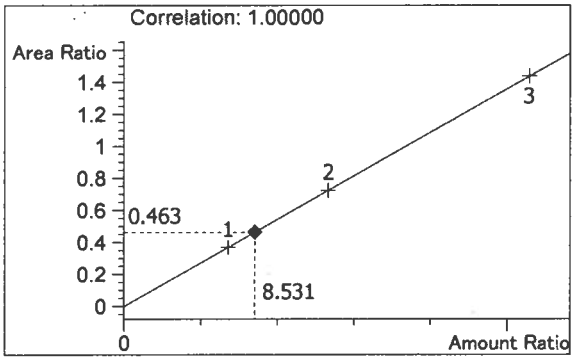
CM

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

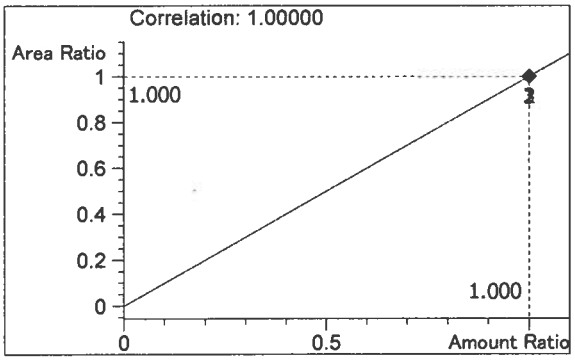
Inj. Date: 6/4/2014 1:44:52 PM Sample Name: 14019 #2
Instrument: HSGC 3 Operator: Christie Mitchell-Mata
Column: DB-ALC2 Location: Vial 11
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	727	1.017
2	n-Propanol	1571	1.742



Ethanol 0.102 g/100mL

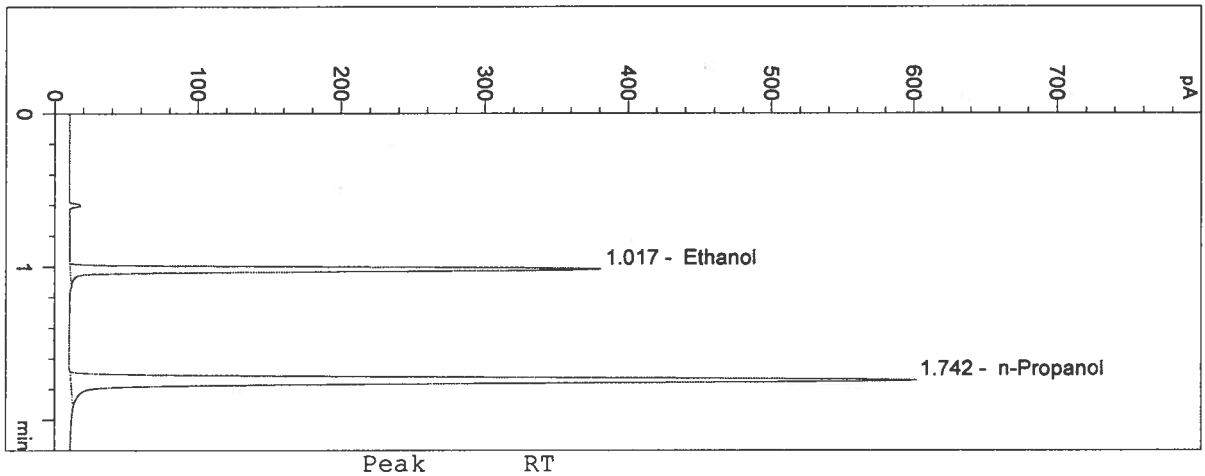


n-Propanol 0.012 g/100mL

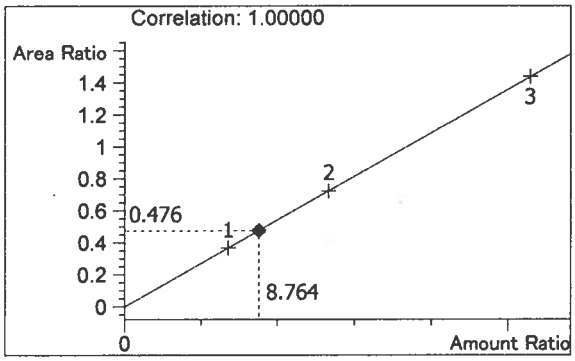
CM

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

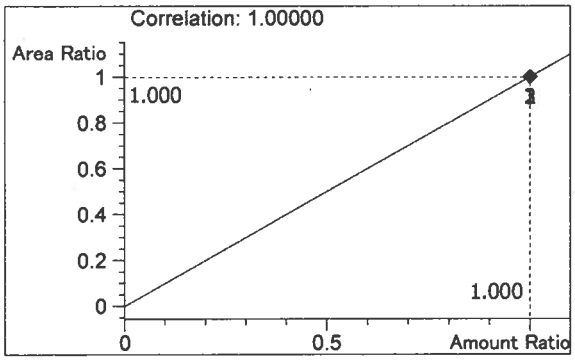
Inj. Date: 6/4/2014 1:48:05 PM Sample Name: 14019 #3
Instrument: HSGC 3 Operator: Christie Mitchell-Mata
Column: DB-ALC2 Location: Vial 12
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	756	1.017
2	n-Propanol	1591	1.742



Ethanol 0.105 g/100mL

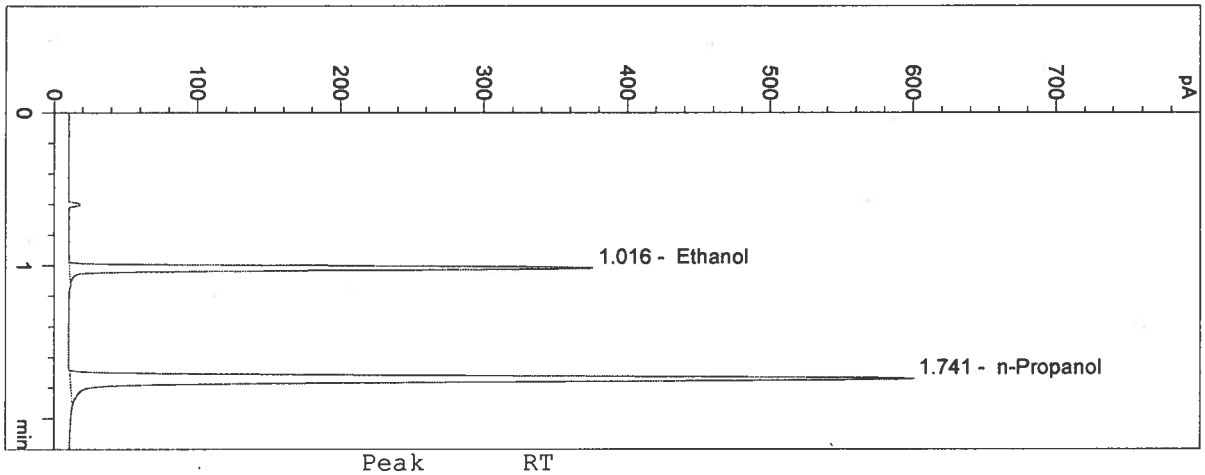


n-Propanol 0.012 g/100mL

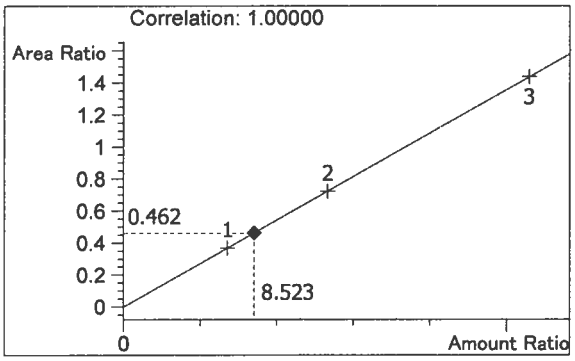
CM

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

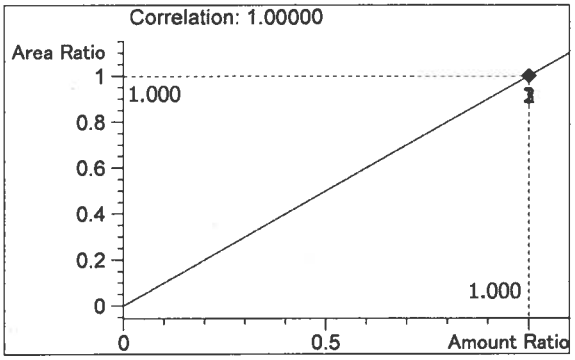
Inj. Date: 6/4/2014 1:51:19 PM Sample Name: 14019 #4
Instrument: HSGC 3 Operator: Christie Mitchell-Mata
Column: DB-ALC2 Location: Vial 13
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	736	1.016
2	n-Propanol	1592	1.741



Ethanol 0.102 g/100mL

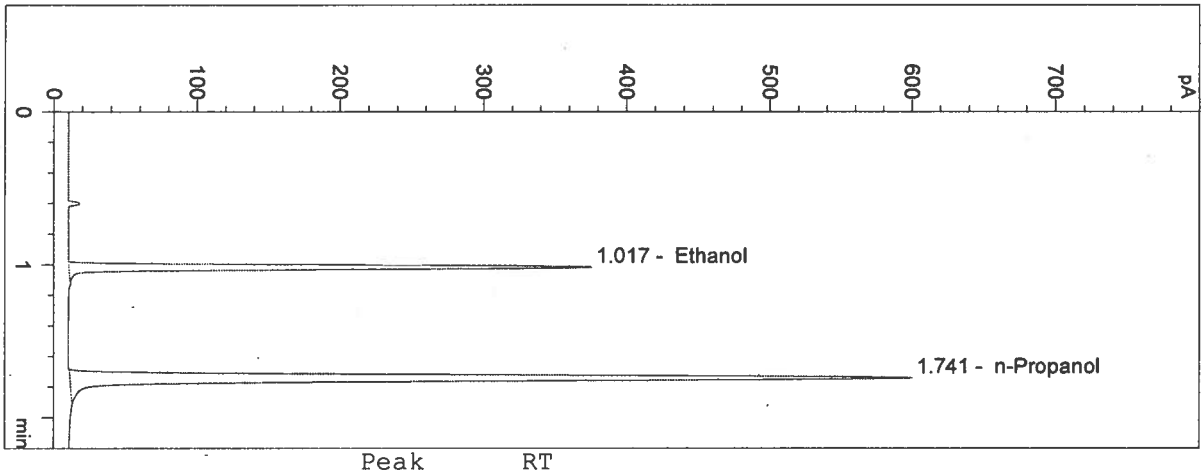


n-Propanol 0.012 g/100mL

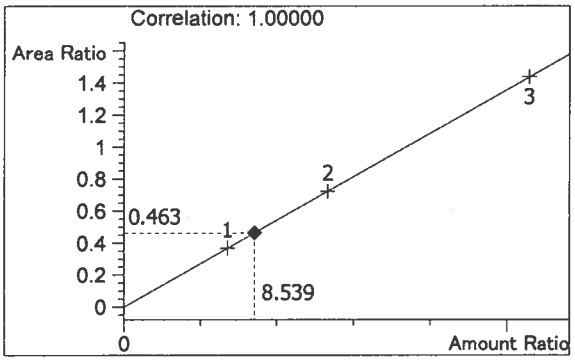
M

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

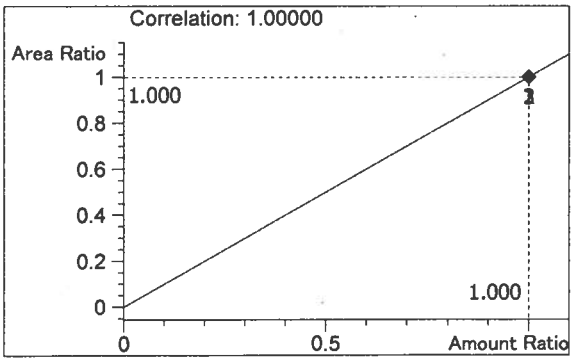
Inj. Date: 6/4/2014 1:54:32 PM Sample Name: 14019 #5
Instrument: HSGC 3 Operator: Christie Mitchell-Mata
Column: DB-ALC2 Location: Vial 14
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	735	1.017
2	n-Propanol	1586	1.741



Ethanol 0.102 g/100mL

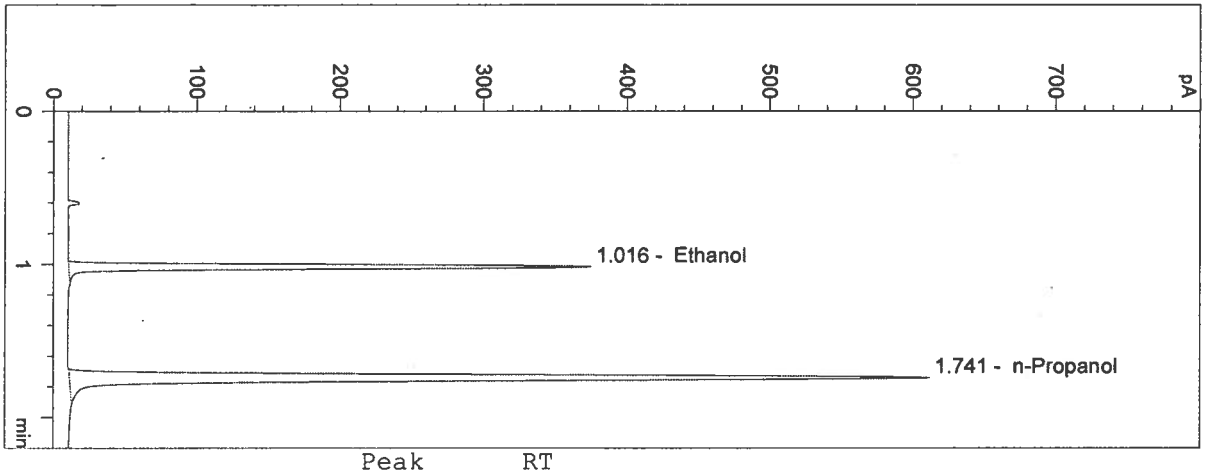


n-Propanol 0.012 g/100mL

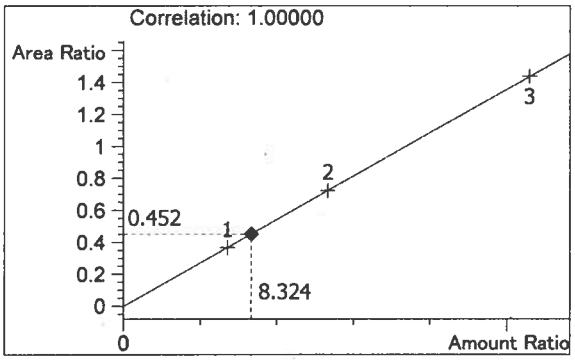
M

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

Inj. Date: 6/4/2014 1:57:45 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 3 Operator: Christie Mitchell-Mata
Column: DB-ALC2 Location: Vial 15
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

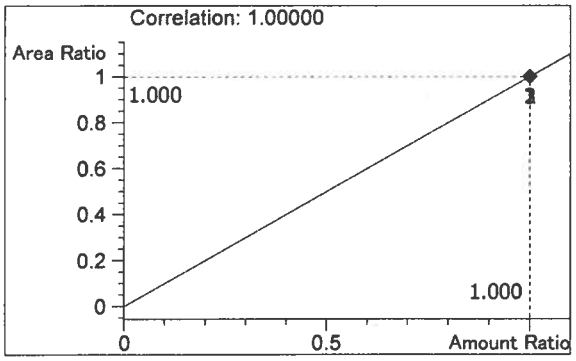


#	Compound	Peak Area	RT (min)
1	Ethanol	732	1.016
2	n-Propanol	1621	1.741



Ethanol 0.100 g/100mL

14019



n-Propanol 0.012 g/100mL

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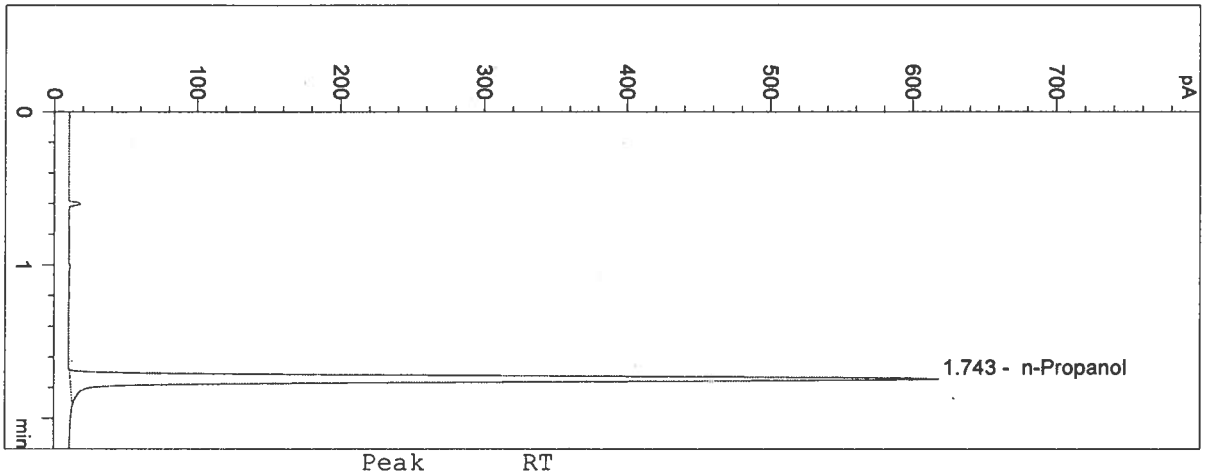
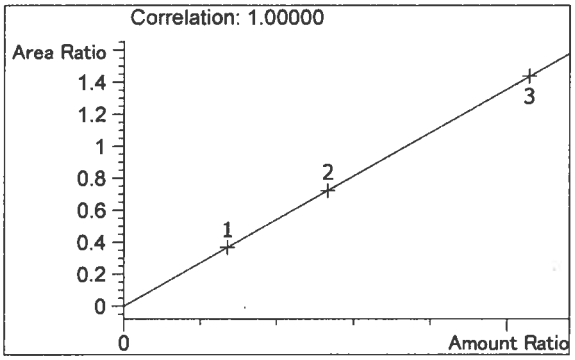
m

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

Inj. Date: 6/4/2014 2:01:00 PM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Christie Mitchell-Mata
Column: DB-ALC2 Location: Vial 16
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

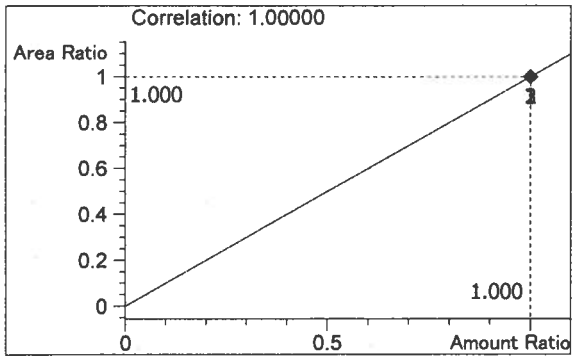


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1634	1.743



Ethanol 0.000 g/100mL

14019



n-Propanol 0.012 g/100mL

CM

Sequence Parameters:

Sequence : C:\CHEM32\2\SEQUENCE\NNESS.S

Operator : Naziha Nuwayhid, PhD

Data File Naming : Auto
Data Directory : C:\Chem32\2\DATA\

Data Subdirectory : 140605NN

Part of Methods to run : According to Runtime Checklist

Barcode Reader : not used

Shutdown Cmd/Macro : none

Sequence Comment :
Cal 1: 0.079 g/100mL - LOT# E0414-01 - exp 10/15/2014
Cal 2: 0.158 g/100mL - LOT# E0414-02 - exp 10/15/2014
Cal 1: 0.316 g/100mL - LOT# E0414-03 - exp 10/15/2014
CTRL 1: 0.04 g/100mL - LOT# FN05011301- exp 05/2018
CTRL 2: 0.10 g/100mL - LOT# FN08051301- exp 10/2018
CTRL 3: 0.20 g/100mL - LOT# FN100511-01 - exp 10/2016
n-propanol ISTD - LOT# P0514 - exp 08/27/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
1	Vial 1	BLANK	SIMALC3	1	Sample	
2	Vial 2	CAL 1 (0.079)	SIMALC3	1	Calib	
3	Vial 3	CAL 2 (0.158)	SIMALC3	1	Calib	
4	Vial 4	CAL 3 (0.316)	SIMALC3	1	Calib	
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp	
6	Vial 6	CTRL 1 (0.04)	SIMALC3	1	Ctrl Samp	
7	Vial 7	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp	
8	Vial 8	CTRL 3 (0.20)	SIMALC3	1	Ctrl Samp	
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp	
10	Vial 10	14019 #1	SIMALC3	1	Sample	

Sequence: C:\CHEM32\2\SEQUENCE\NNESS.S

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
11	Vial 11	14019 #2	SIMALC3	1	Sample	
12	Vial 12	14019 #3	SIMALC3	1	Sample	
13	Vial 13	14019 #4	SIMALC3	1	Sample	
14	Vial 14	14019 #5	SIMALC3	1	Sample	
15	Vial 15	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp	
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp	

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

Calibration Table

General Calibration Setting

Calib. Data Modified : Thursday, June 05, 2014 10:09:20 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

14019

Signal Details

Signal 1: FID1 A,

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD	#	Compound
1.017	1	1	8.12400e-2	629.74060	1.29005e-4	No	No	1	Ethanol
		2	1.59860e-1	1161.49011	1.37634e-4				
		3	3.17330e-1	2264.07153	1.40159e-4				
1.744	1	1	1.20000e-2	1663.74158	7.21266e-6	No	Yes	1	n-Propanol

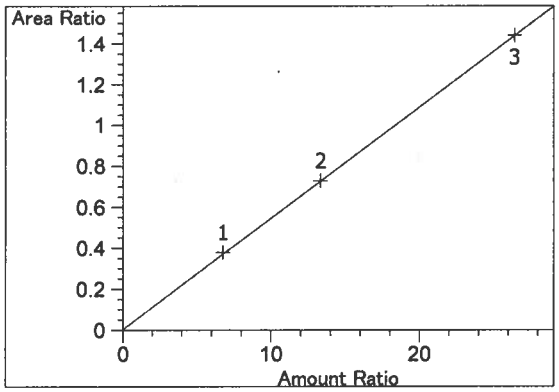
Method C:\CHEM32\2\METHODS\SIMALC3.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	1596.16638	7.51801e-6			
		3	1.20000e-2	1573.32373	7.62717e-6			

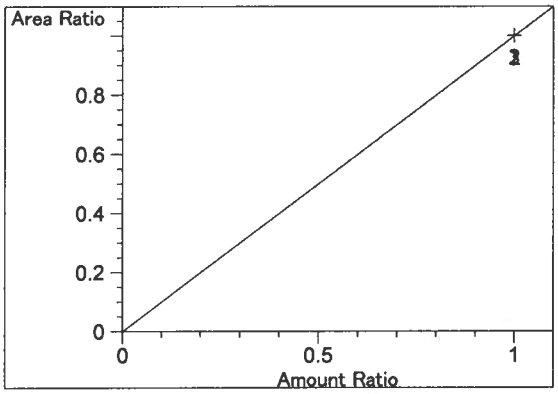
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00562
Formula: y = mx + b
m: 5.43012e-2
b: 4.56725e-3
x: Amount
y: Area

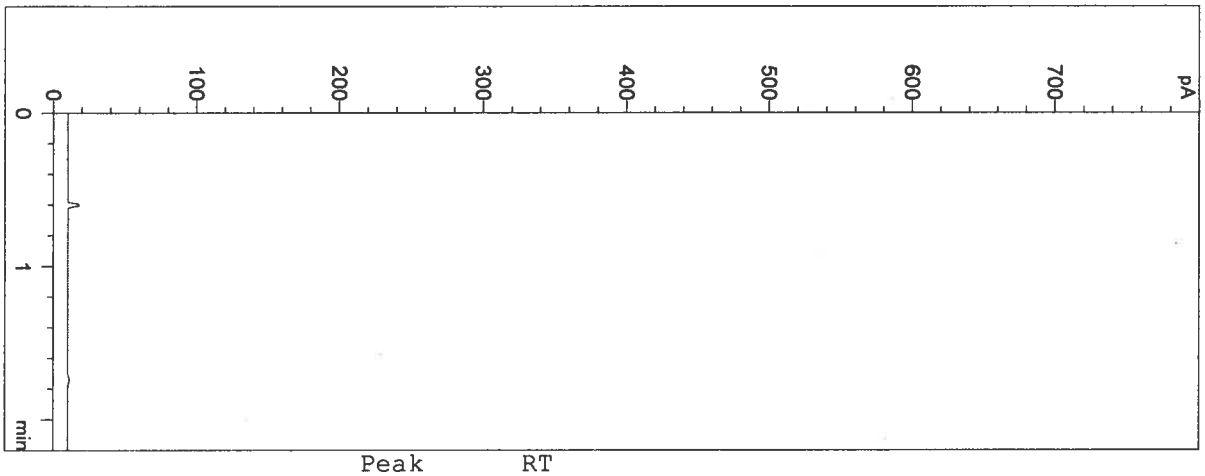


n-Propanol at exp. RT: 1.744
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

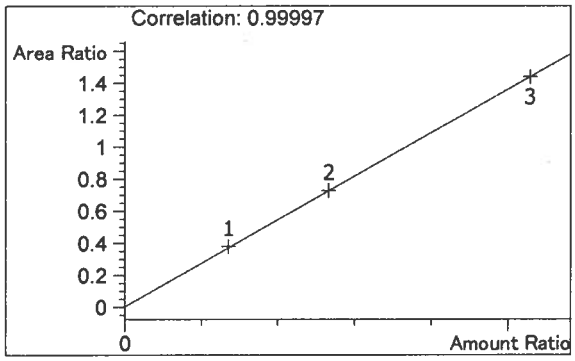
14019

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

Inj. Date: 6/5/2014 9:57:07 AM Sample Name: BLANK
Instrument: HSGC 3 Operator: Naziha Nuwayhid, PhD
Column: DB-ALC2 Location: Vial 1
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

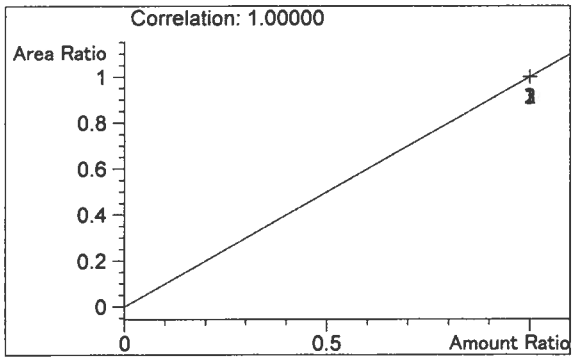


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14019

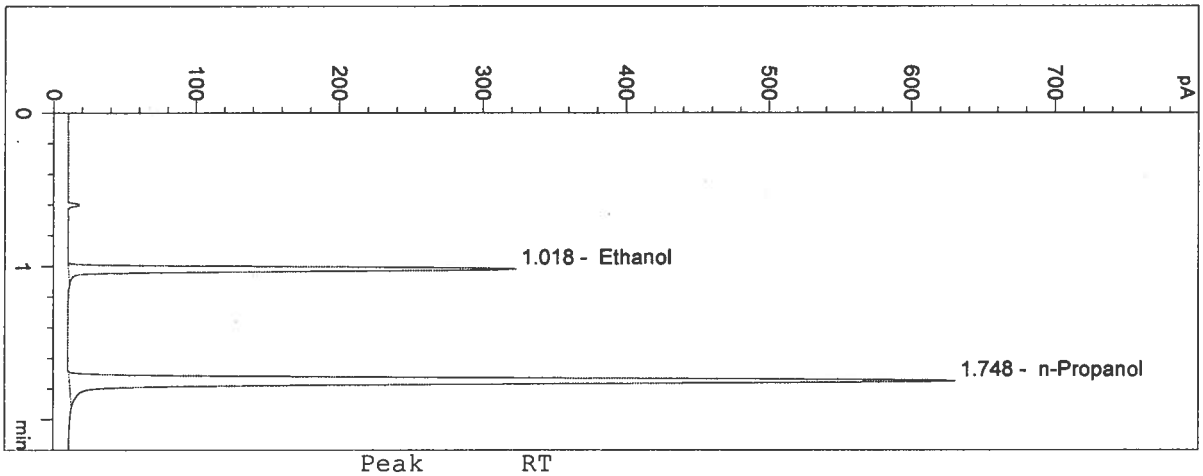


n-Propanol 0.000 g/100mL

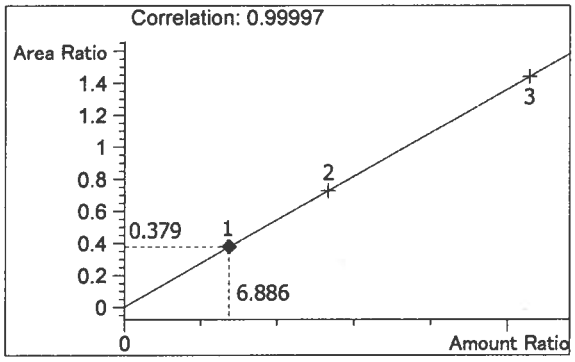
NN

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

Inj. Date: 6/5/2014 10:00:24 AM Sample Name: CAL 1 (0.079)
Instrument: HSGC 3 Operator: Naziha Nuwayhid, PhD
Column: DB-ALC2 Location: Vial 2
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

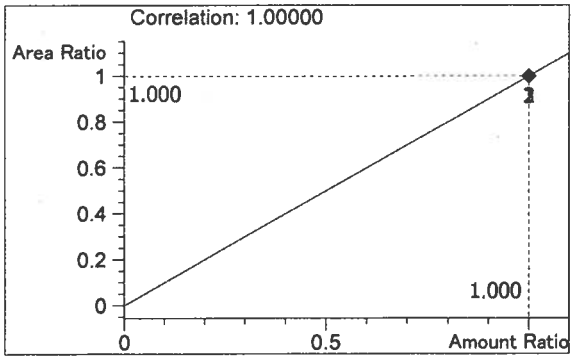


#	Compound	Peak Area	RT (min)
1	Ethanol	630	1.018
2	n-Propanol	1664	1.748



Ethanol 0.083 g/100mL

14019

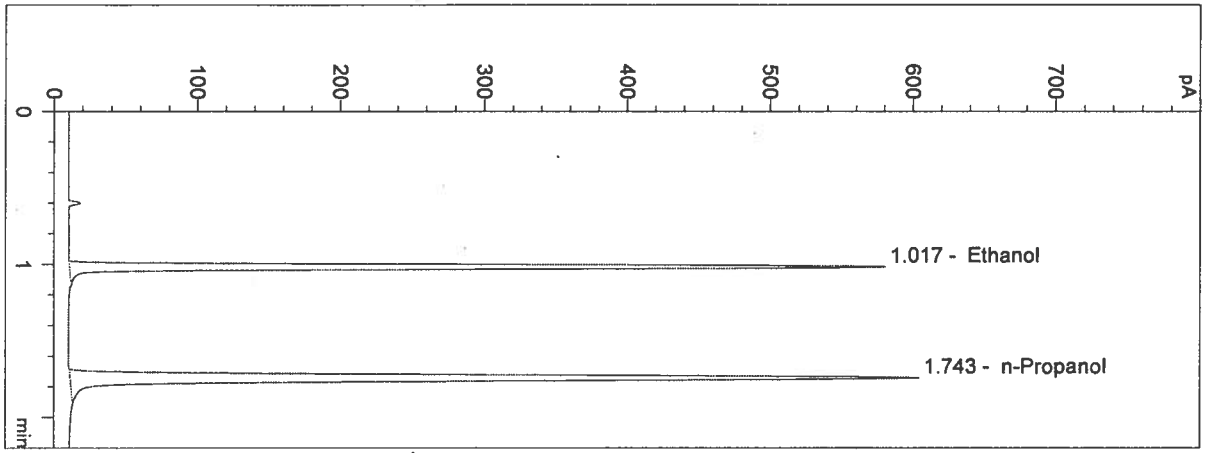


n-Propanol 0.012 g/100mL

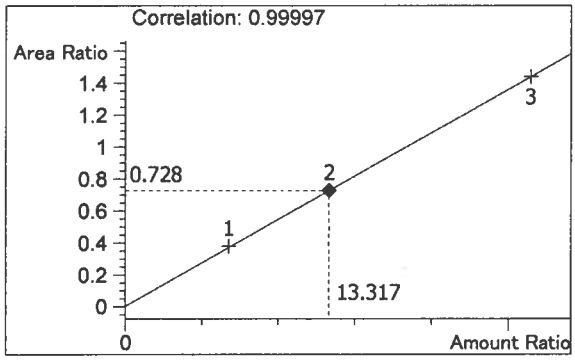
NW

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

Inj. Date: 6/5/2014 10:03:44 AM Sample Name: CAL 2 (0.158)
Instrument: HSGC 3 Operator: Naziha Nuwayhid, PhD
Column: DB-ALC2 Location: Vial 3
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

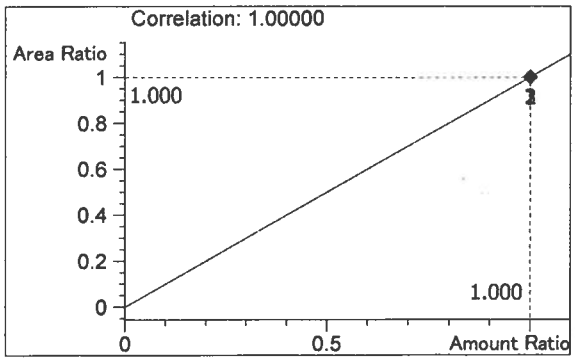


#	Compound	Peak Area	RT (min)
1	Ethanol	1161	1.017
2	n-Propanol	1596	1.743



Ethanol 0.160 g/100mL

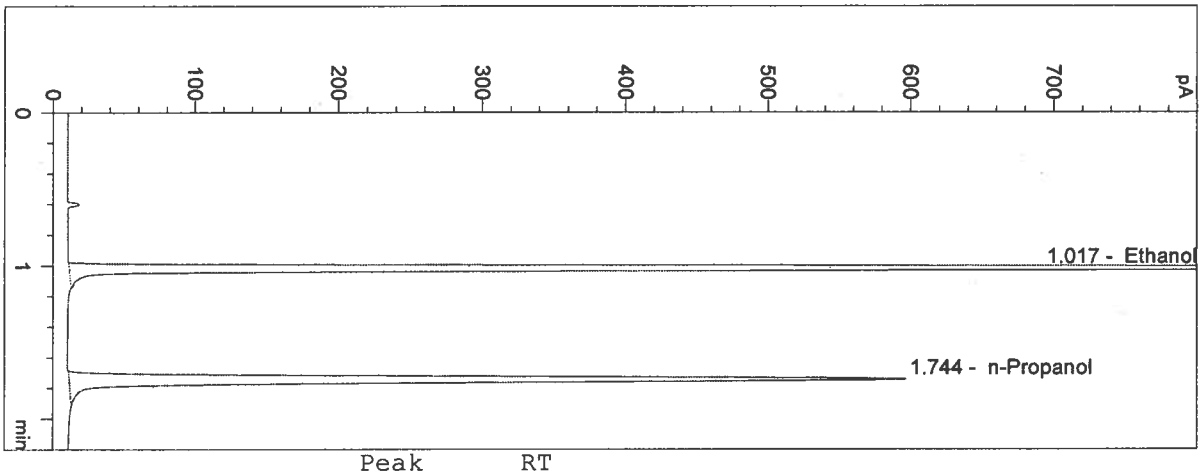
14019



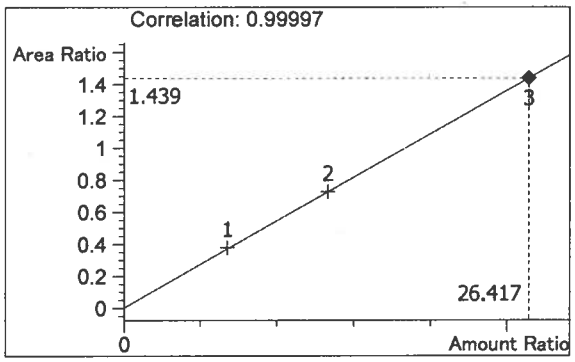
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/5/2014 10:06:58 AM Sample Name: CAL 3 (0.316)
Instrument: HSGC 3 Operator: Naziha Nuwayhid, PhD
Column: DB-ALC2 Location: Vial 4
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

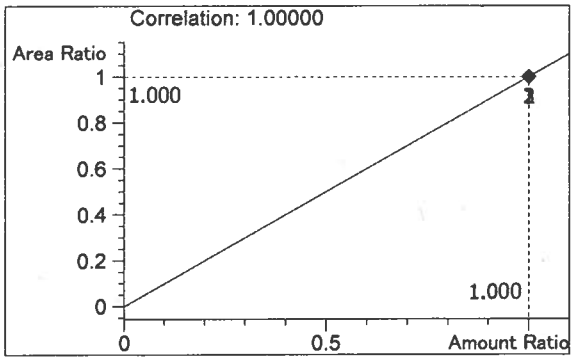


#	Compound	Peak Area	RT (min)
1	Ethanol	2264	1.017
2	n-Propanol	1573	1.744



Ethanol 0.317 g/100mL

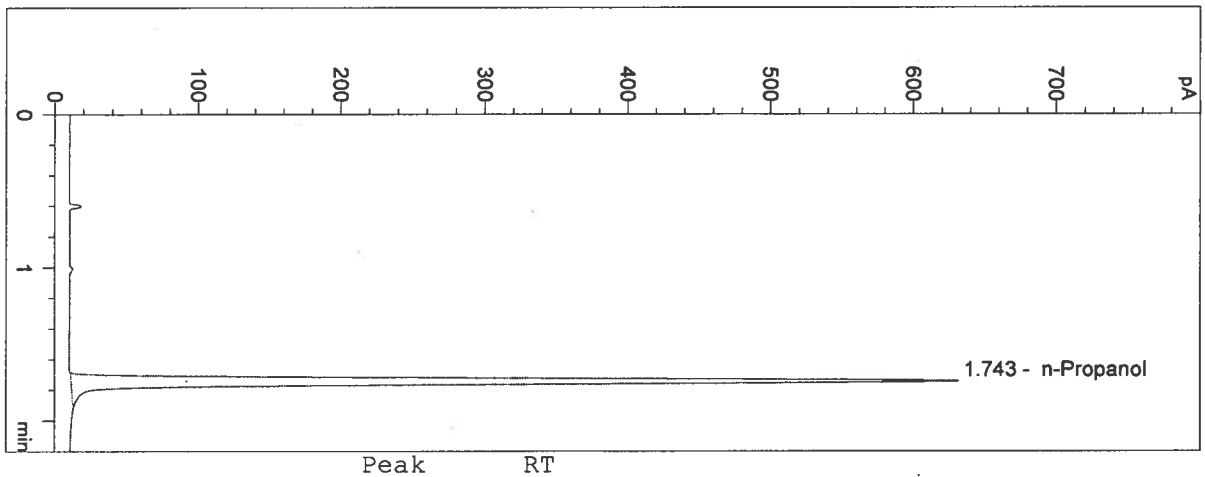
14019



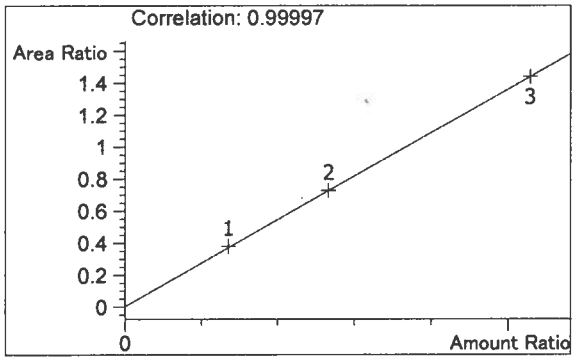
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/5/2014 10:10:13 AM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Naziha Nuwayhid, PhD
Column: DB-ALC2 Location: Vial 5
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

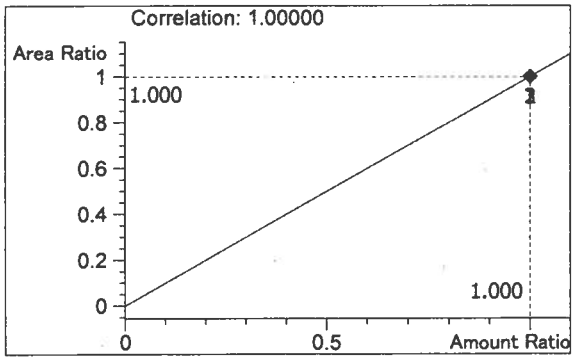


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1671	1.743



Ethanol 0.000 g/100mL

14019

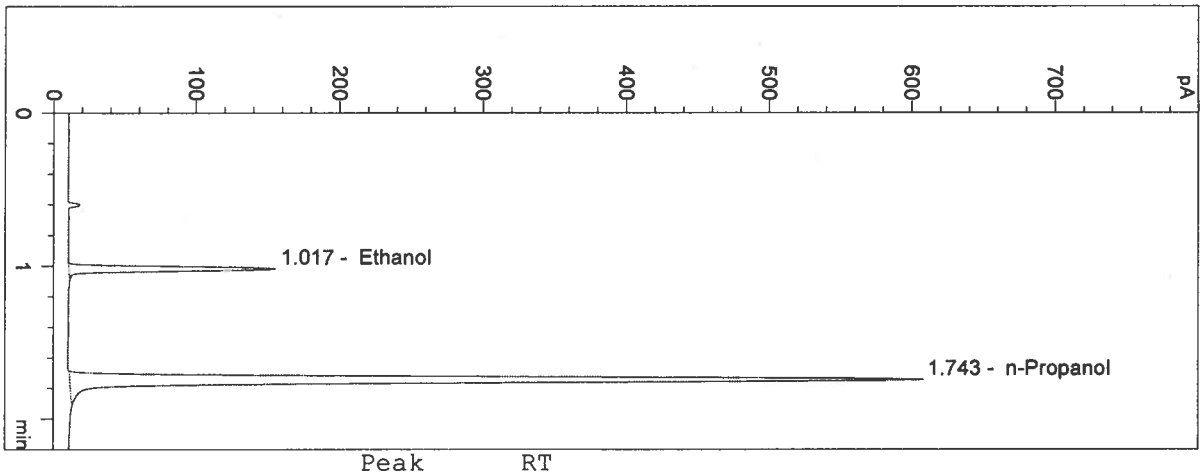


n-Propanol 0.012 g/100mL

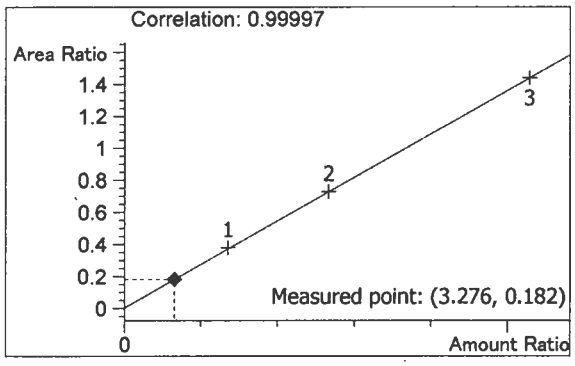
NN

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

Inj. Date: 6/5/2014 10:13:26 AM Sample Name: CTRL 1 (0.04)
Instrument: HSGC 3 Operator: Naziha Nuwayhid, PhD
Column: DB-ALC2 Location: Vial 6
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

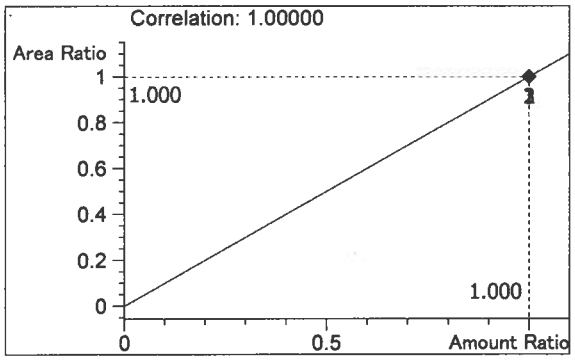


#	Compound	Peak Area	RT (min)
1	Ethanol	293	1.017
2	n-Propanol	1605	1.743



Ethanol 0.039 g/100mL

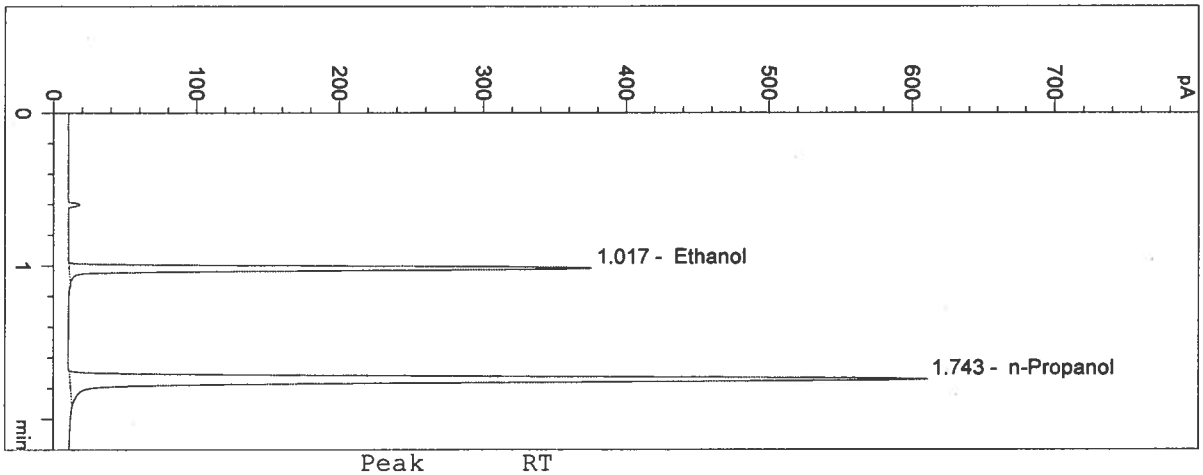
14019



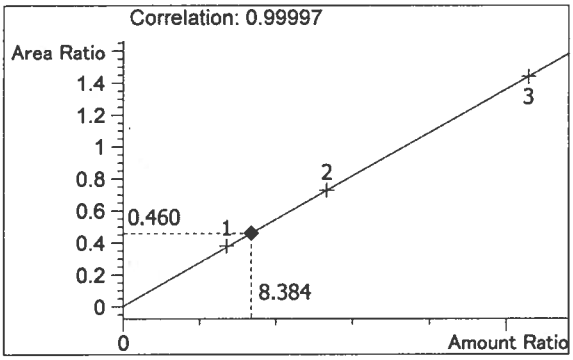
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/5/2014 10:16:41 AM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 3 Operator: Naziha Nuwayhid, PhD
Column: DB-ALC2 Location: Vial 7
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

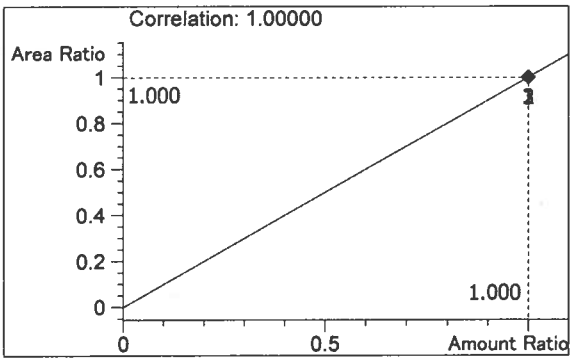


#	Compound	Peak Area	RT (min)
1	Ethanol	741	1.017
2	n-Propanol	1612	1.743



Ethanol 0.101 g/100mL

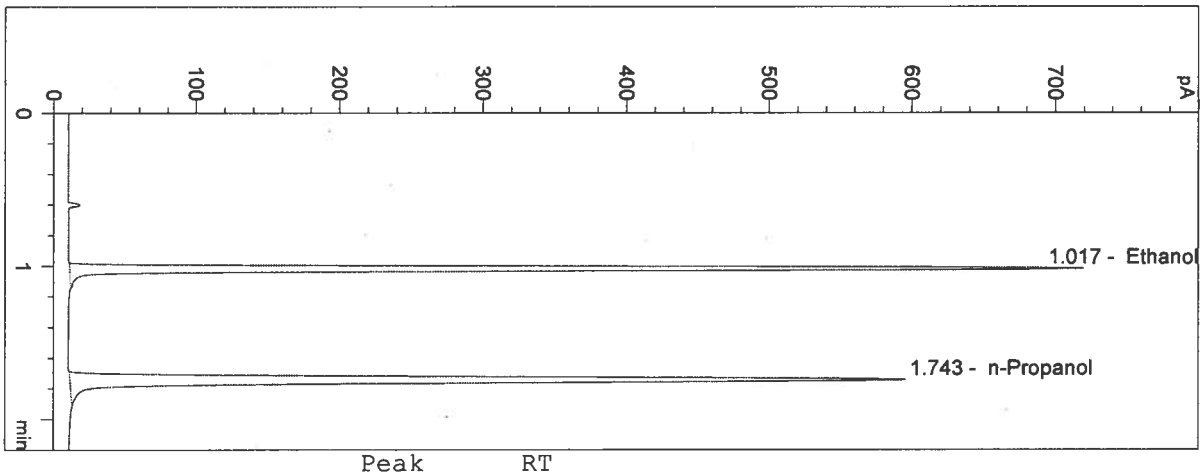
14019



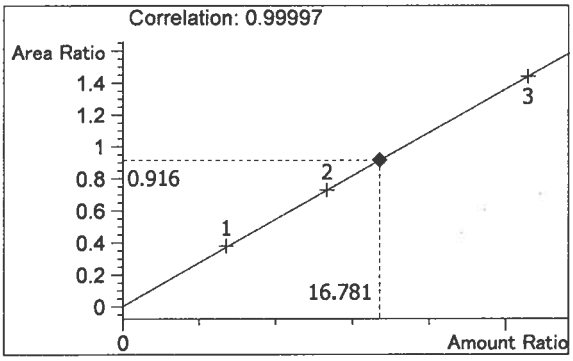
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/5/2014 10:19:54 AM Sample Name: CTRL 3 (0.20)
Instrument: HSGC 3 Operator: Naziha Nuwayhid, PhD
Column: DB-ALC2 Location: Vial 8
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

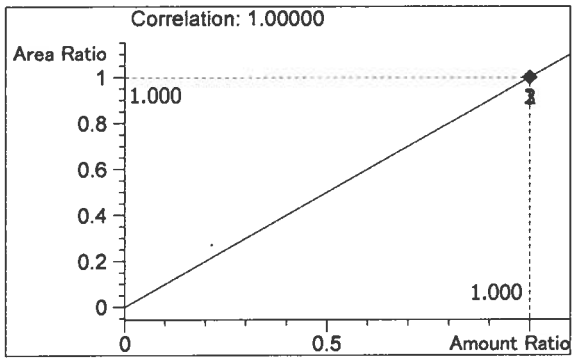


#	Compound	Peak Area	RT (min)
1	Ethanol	1438	1.017
2	n-Propanol	1570	1.743



Ethanol 0.201 g/100mL

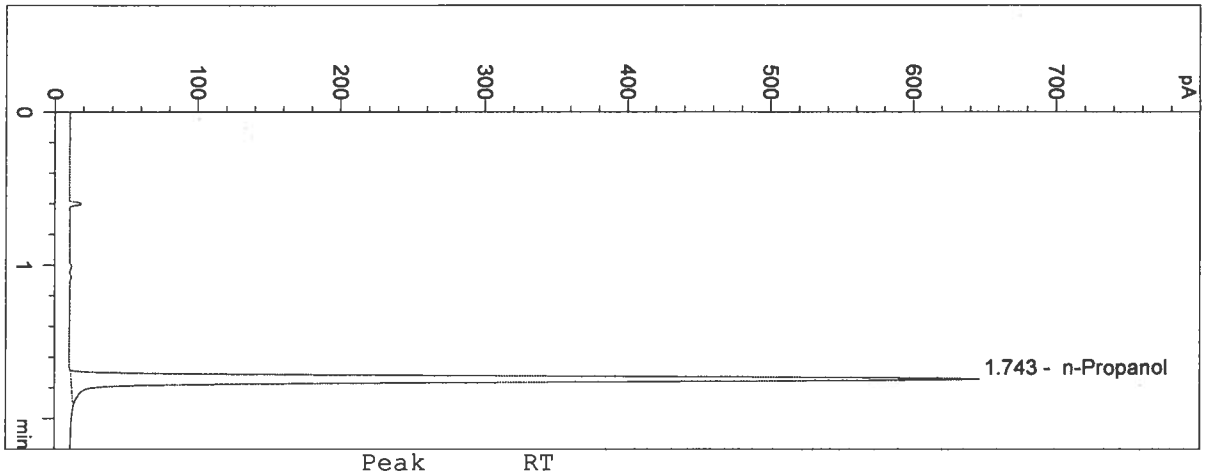
14019



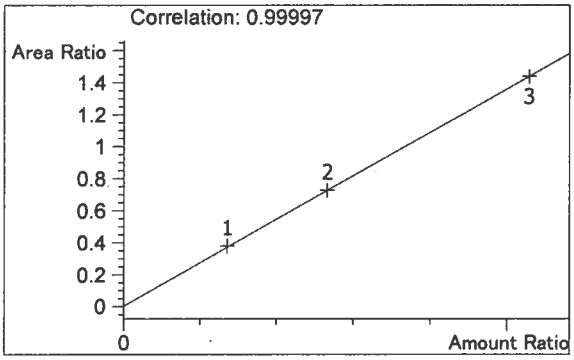
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/5/2014 10:23:06 AM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Naziha Nuwayhid, PhD
Column: DB-ALC2 Location: Vial 9
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

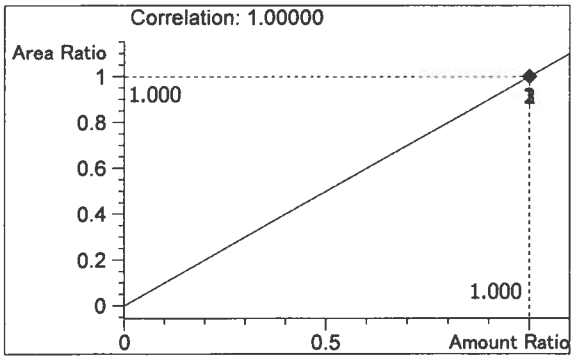


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1710	1.743



Ethanol 0.000 g/100mL

14019

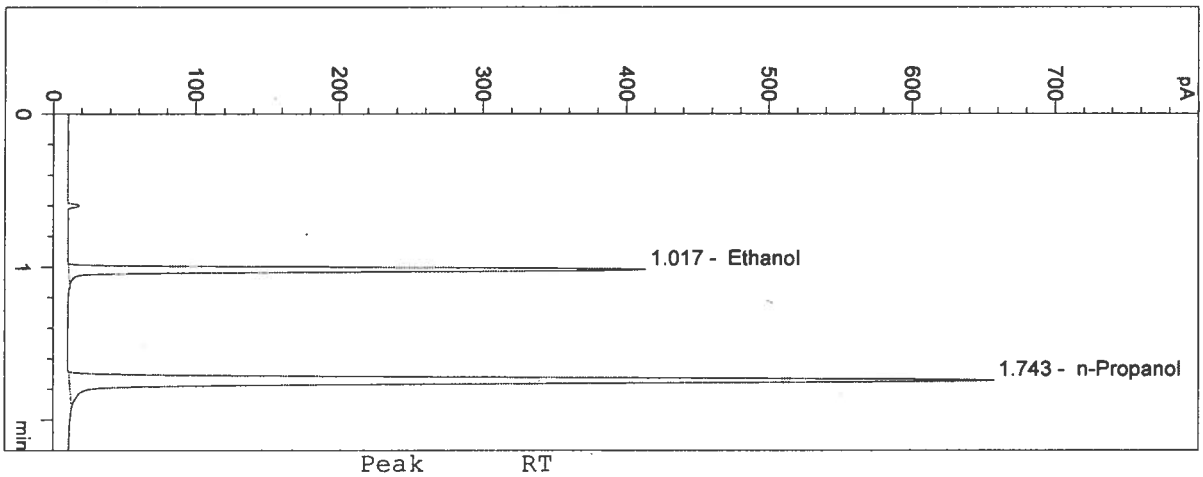


n-Propanol 0.012 g/100mL

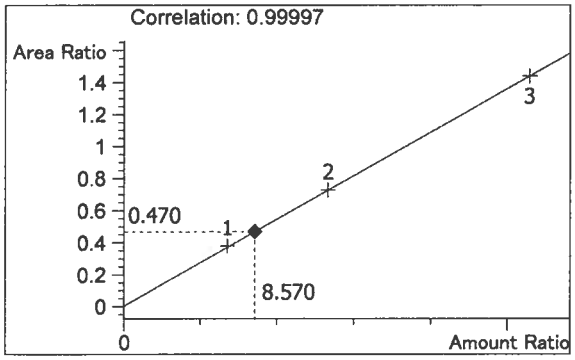
NW

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

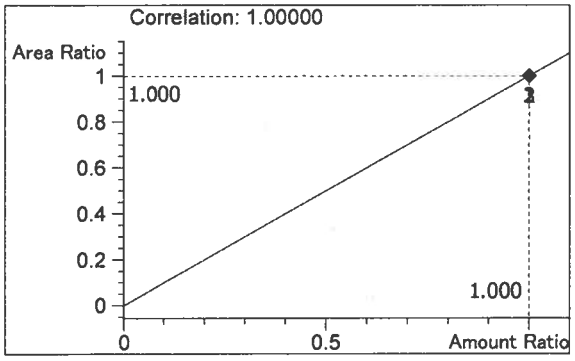
Inj. Date: 6/5/2014 10:26:19 AM Sample Name: 14019 #1
Instrument: HSGC 3 Operator: Naziha Nuwayhid, PhD
Column: DB-ALC2 Location: Vial 10
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	815	1.017
2	n-Propanol	1735	1.743



Ethanol 0.103 g/100mL

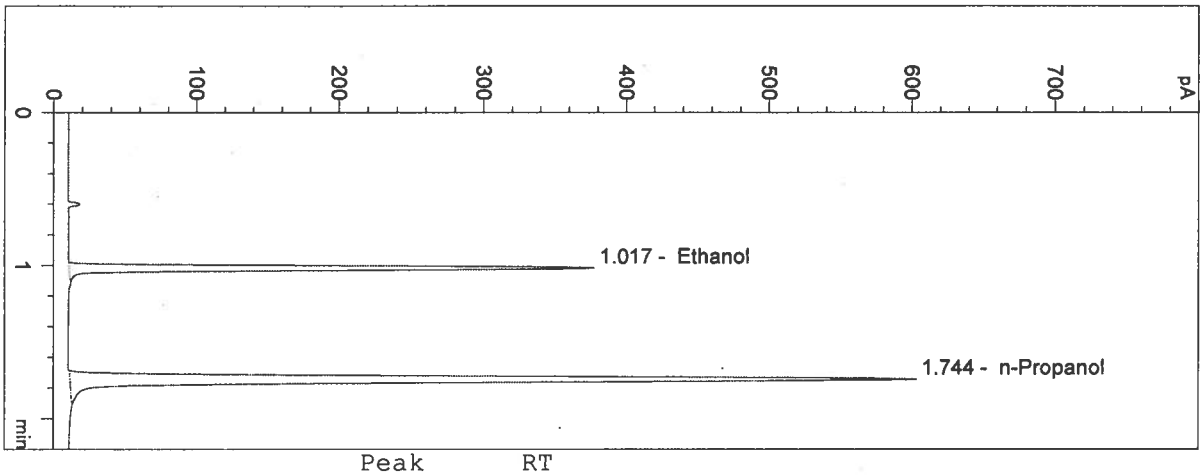


n-Propanol 0.012 g/100mL

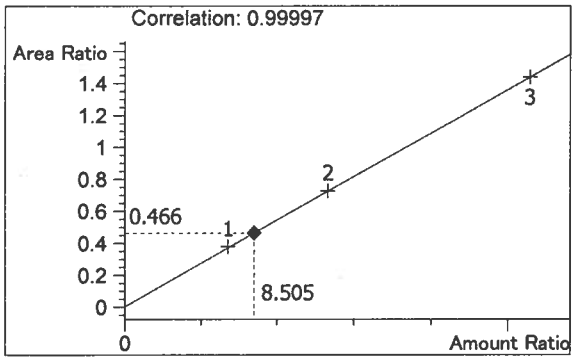
NN

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

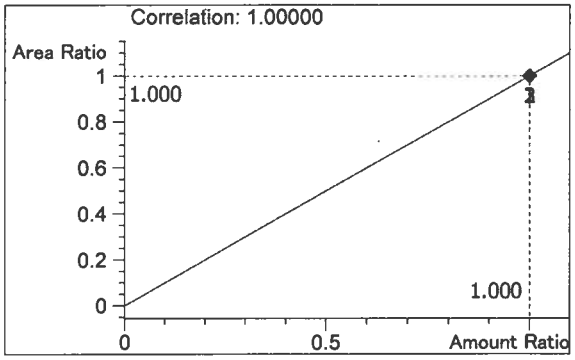
Inj. Date: 6/5/2014 10:29:33 AM Sample Name: 14019 #2
Instrument: HSGC 3 Operator: Naziha Nuwayhid, PhD
Column: DB-ALC2 Location: Vial 11
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	743	1.017
2	n-Propanol	1592	1.744



Ethanol 0.102 g/100mL

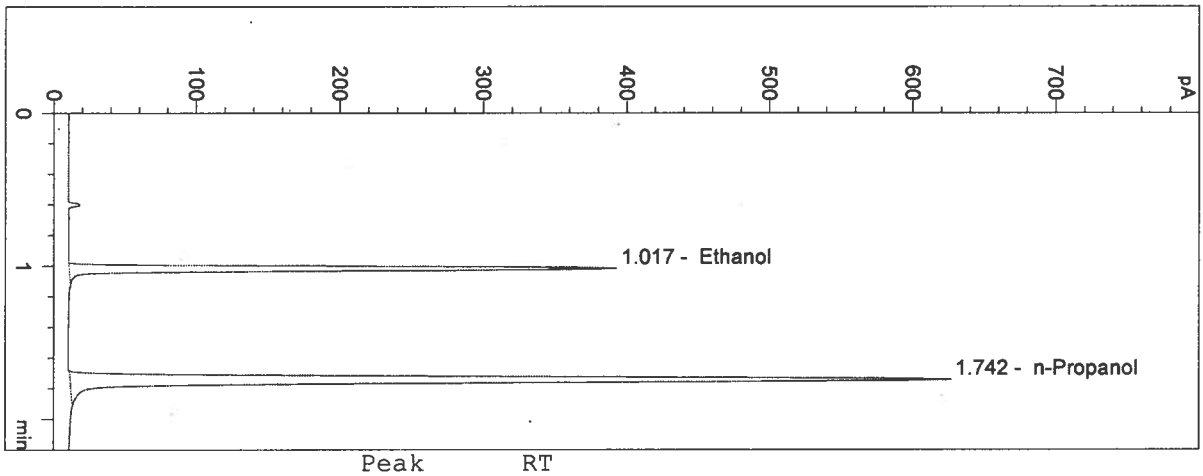


n-Propanol 0.012 g/100mL

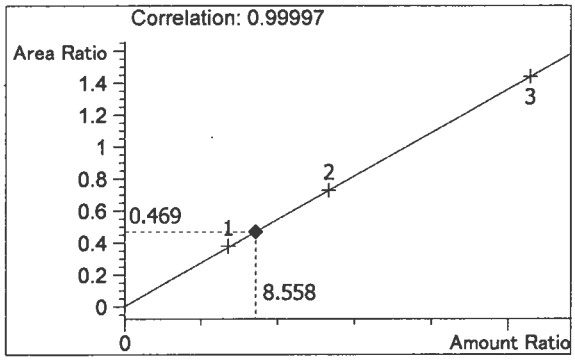
NN

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

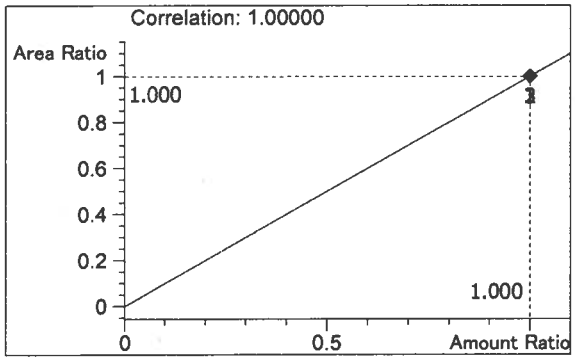
Inj. Date: 6/5/2014 10:32:47 AM Sample Name: 14019 #3
Instrument: HSGC 3 Operator: Naziha Nuwayhid, PhD
Column: DB-ALC2 Location: Vial 12
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	777	1.017
2	n-Propanol	1655	1.742



Ethanol 0.103 g/100mL

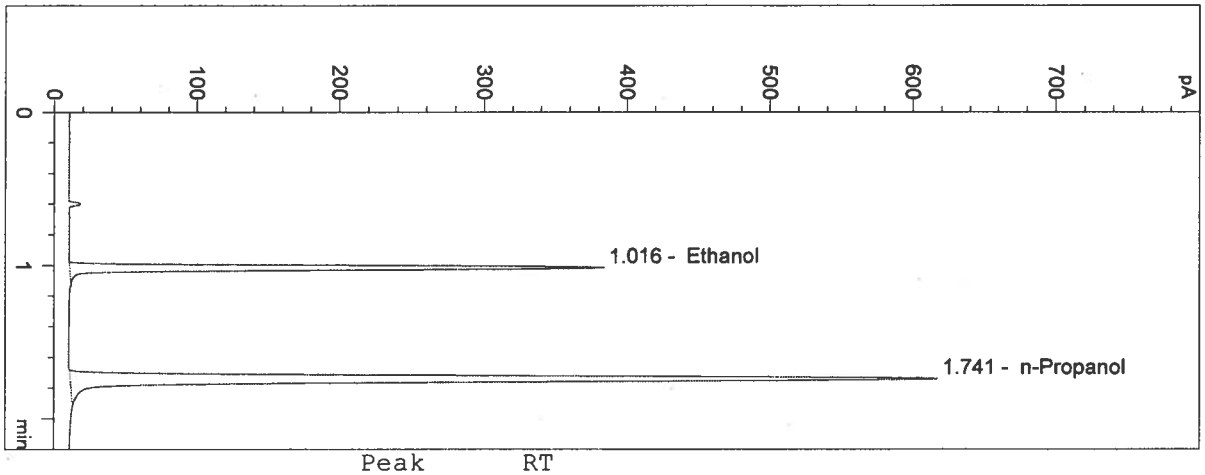


n-Propanol 0.012 g/100mL

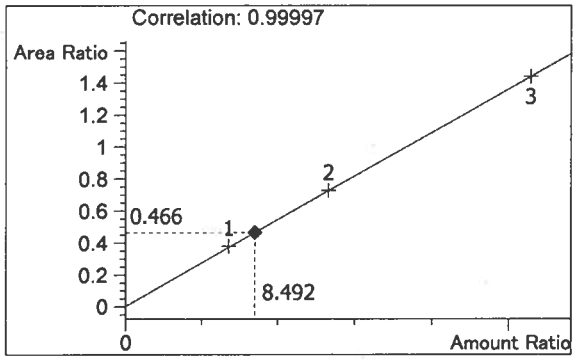
NN

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

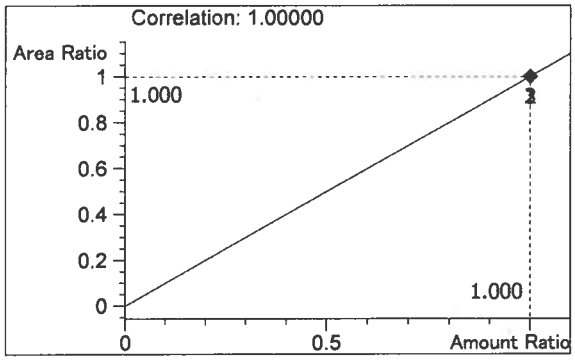
Inj. Date: 6/5/2014 10:36:00 AM Sample Name: 14019 #4
Instrument: HSGC 3 Operator: Naziha Nuwayhid, PhD
Column: DB-ALC2 Location: Vial 13
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	760	1.016
2	n-Propanol	1633	1.741



Ethanol 0.102 g/100mL

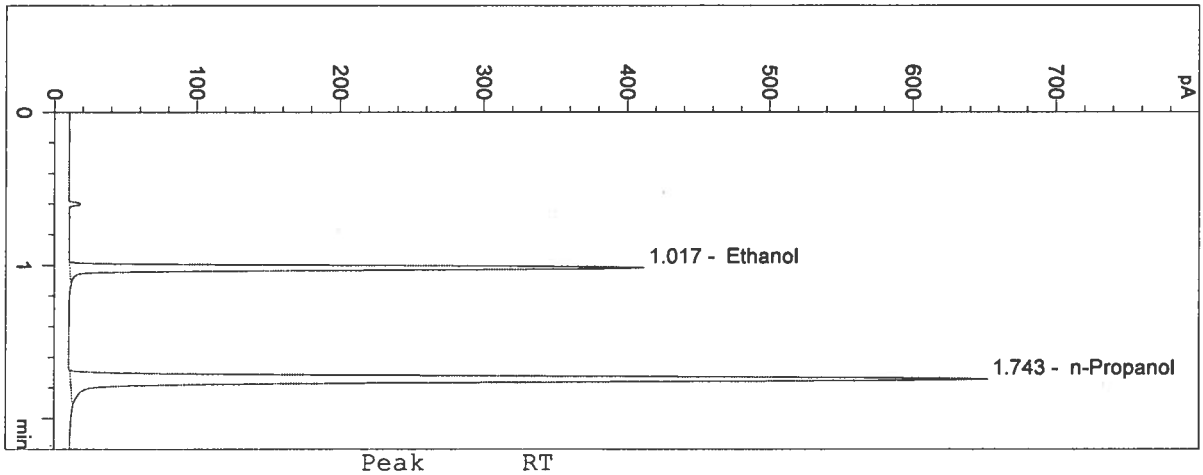


n-Propanol 0.012 g/100mL

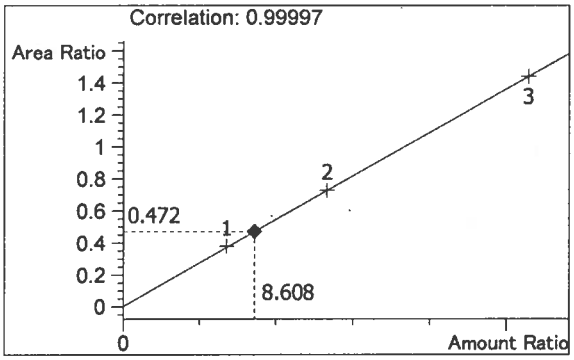
NN

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

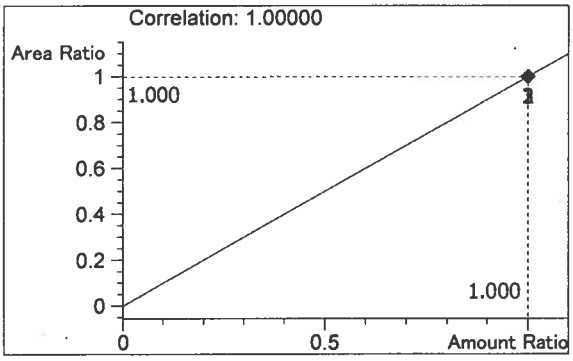
Inj. Date: 6/5/2014 10:39:13 AM Sample Name: 14019 #5
Instrument: HSGC 3 Operator: Naziha Nuwayhid, PhD
Column: DB-ALC2 Location: Vial 14
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	814	1.017
2	n-Propanol	1724	1.743



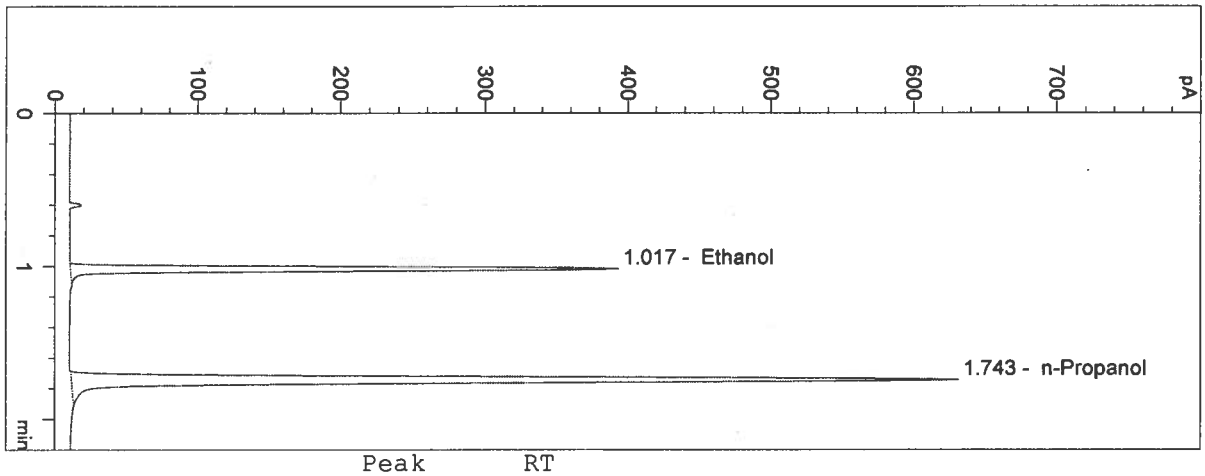
Ethanol 0.103 g/100mL



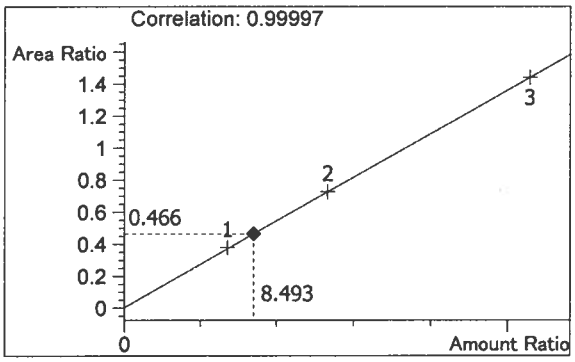
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/5/2014 10:42:27 AM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 3 Operator: Naziha Nuwayhid, PhD
Column: DB-ALC2 Location: Vial 15
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

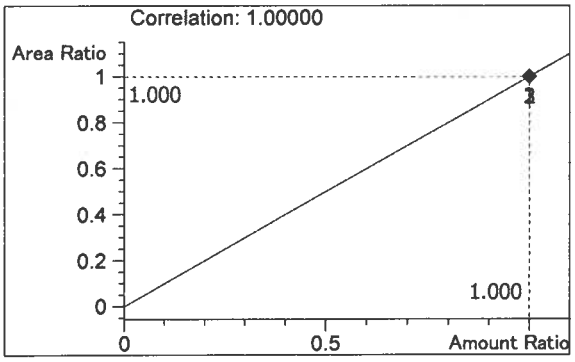


#	Compound	Peak Area	RT (min)
1	Ethanol	777	1.017
2	n-Propanol	1669	1.743



Ethanol 0.102 g/100mL

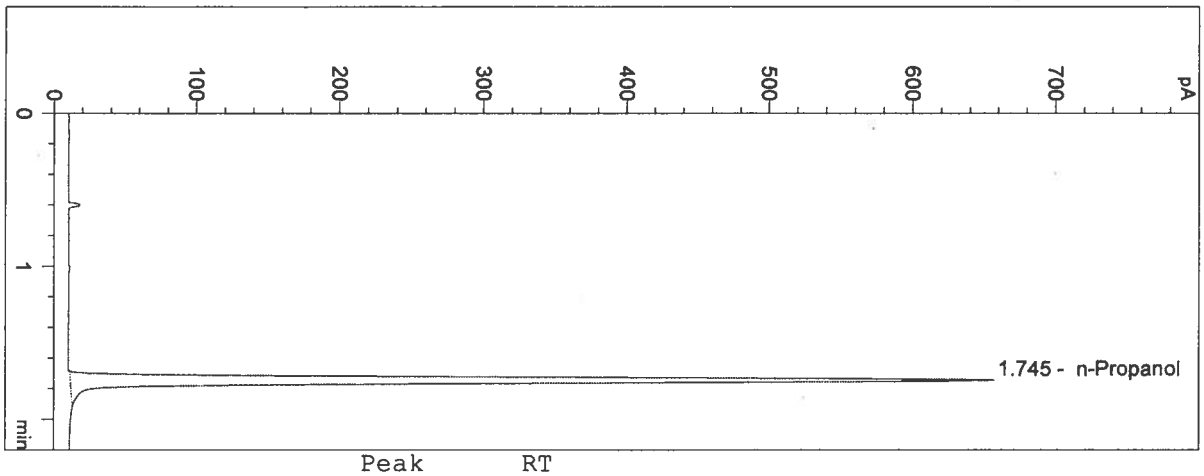
14019



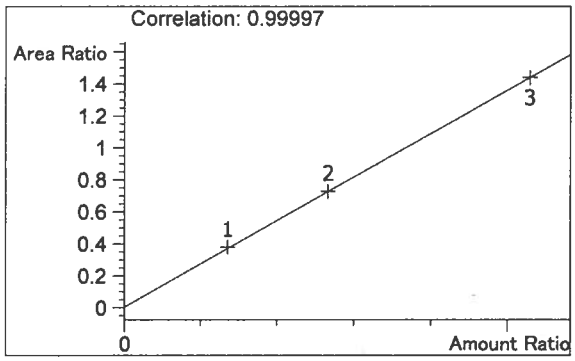
n-Propanol 0.012 g/100mL

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

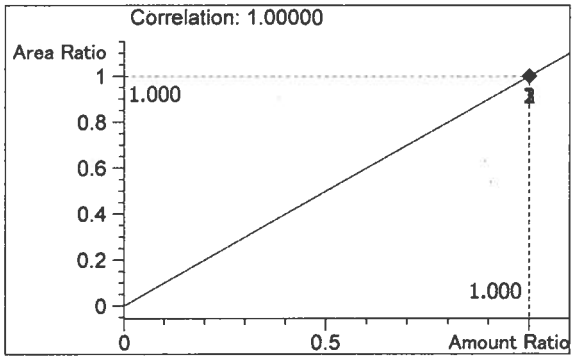
Inj. Date: 6/5/2014 10:45:40 AM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Naziha Nuwayhid, PhD
Column: DB-ALC2 Location: Vial 16
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1735	1.745



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14019

NN

Sequence Parameters:

Sequence : C:\CHEM32\2\SEQUENCE\JKESS3.S

Operator : Justin Knoy

Data File Naming : Auto
Data Directory : C:\Chem32\2\DATA\

Data Subdirectory : 140605JK

Part of Methods to run : According to Runtime Checklist

Barcode Reader : not used

Shutdown Cmd/Macro : none

Sequence Comment :
Cal 1: 0.079 g/100mL - LOT# E0414-01 - exp 10/15/2014
Cal 2: 0.158 g/100mL - LOT# E0414-02 - exp 10/15/2014
Cal 1: 0.316 g/100mL - LOT# E0414-03 - exp 10/15/2014
CTRL 1: 0.04 g/100mL - LOT# FN05011301- exp 05/2018
CTRL 2: 0.10 g/100mL - LOT# FN08051301- exp 10/2018
CTRL 3: 0.20 g/100mL - LOT# FN100511-01 - exp 10/2016
n-propanol ISTD - LOT# P0514 - exp 08/27/2014

JK 6/6/14
14019

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
1	Vial 1	BLANK	SIMALC3	1	Sample	
2	Vial 2	CAL 1 (0.079)	SIMALC3	1	Calib	
3	Vial 3	CAL 2 (0.158)	SIMALC3	1	Calib	
4	Vial 4	CAL 3 (0.316)	SIMALC3	1	Calib	
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp	
6	Vial 6	CTRL 1 (0.04)	SIMALC3	1	Ctrl Samp	
7	Vial 7	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp	
8	Vial 8	CTRL 3 (0.20)	SIMALC3	1	Ctrl Samp	
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp	

JK

Sequence: C:\CHEM32\2\SEQUENCE\JKESS3.S

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
10	Vial 10	14019 #1	SIMALC3	1	Sample	
11	Vial 11	14019 #2	SIMALC3	1	Sample	
12	Vial 12	14019 #3	SIMALC3	1	Sample	
13	Vial 13	14019 #4	SIMALC3	1	Sample	
14	Vial 14	14019 #5	SIMALC3	1	Sample	
15	Vial 15	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp	
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp	

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

JK

Calibration Table

General Calibration Setting

Calib. Data Modified : Thursday, June 05, 2014 2:37:54 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

14019

Signal Details

Signal 1: FID1 A,

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
1.017	1	1	8.12400e-2	692.10602	1.17381e-4	No	No 1	Ethanol
		2	1.59860e-1	1130.25952	1.41437e-4			
		3	3.17330e-1	2228.64990	1.42387e-4			
1.742	1	1	1.20000e-2	1835.84656	6.53649e-6	No	Yes 1	n-Propanol

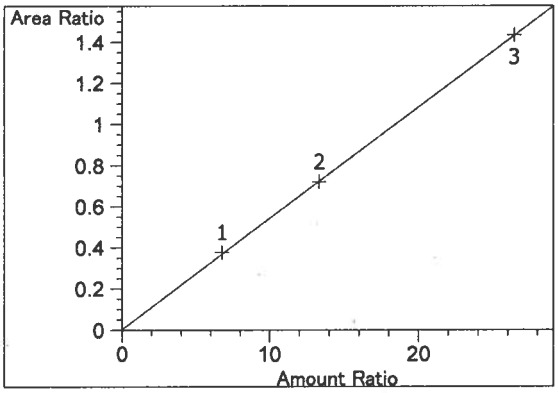
Method C:\CHEM32\2\METHODS\SIMALC3.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	1570.37695	7.64148e-6			
		3	1.20000e-2	1554.14331	7.72130e-6			

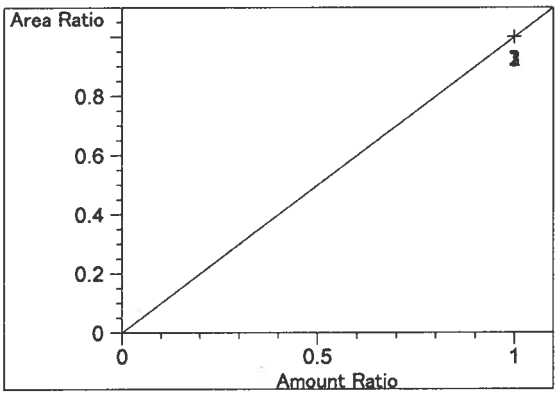
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99996
Residual Std. Dev.: 0.00650
Formula: y = mx + b
m: 5.40899e-2
b: 3.40535e-3
x: Amount
y: Area

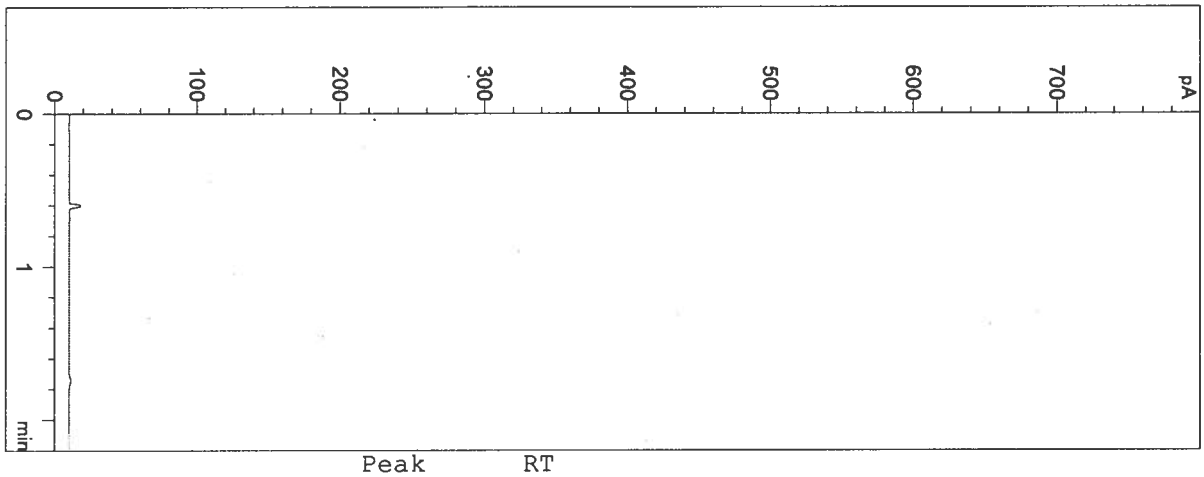


n-Propanol at exp. RT: 1.742
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

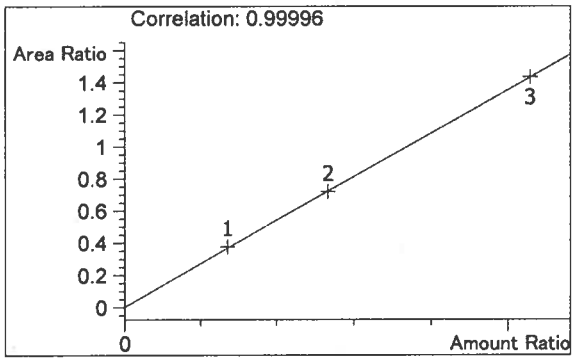
14019

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

Inj. Date: 6/5/2014 2:25:42 PM Sample Name: BLANK
Instrument: HSGC 3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 1
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

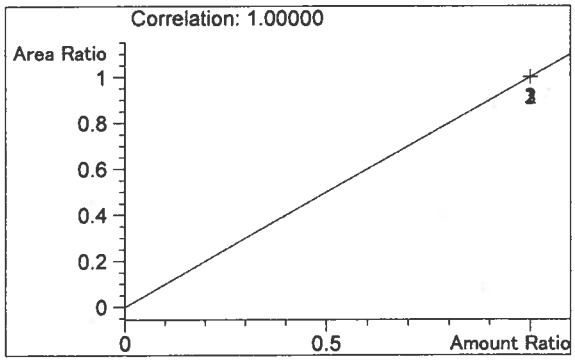


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

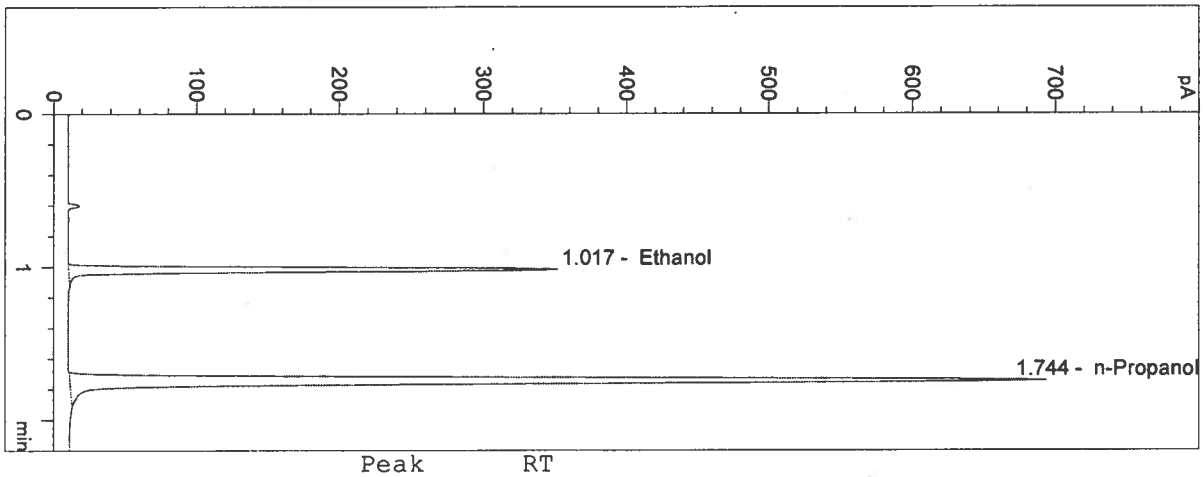
14019



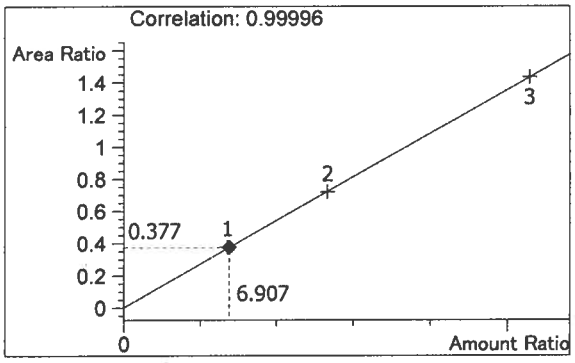
n-Propanol 0.000 g/100mL

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

Inj. Date: 6/5/2014 2:28:59 PM Sample Name: CAL 1 (0.079)
Instrument: HSGC 3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 2
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

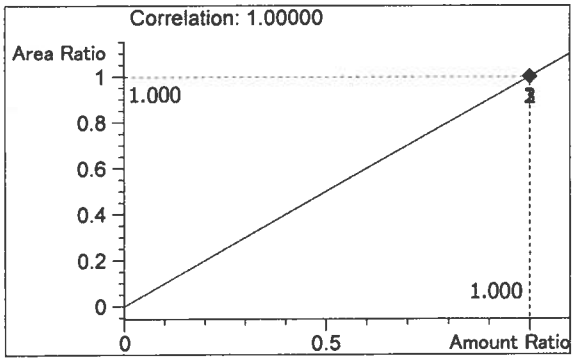


#	Compound	Peak Area	RT (min)
1	Ethanol	692	1.017
2	n-Propanol	1836	1.744



Ethanol 0.083 g/100mL

14019

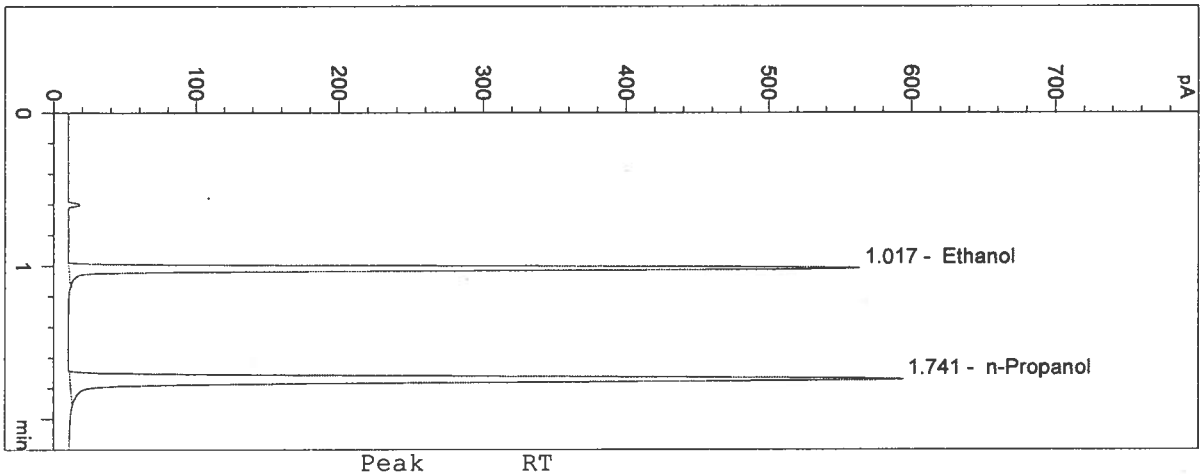


n-Propanol 0.012 g/100mL

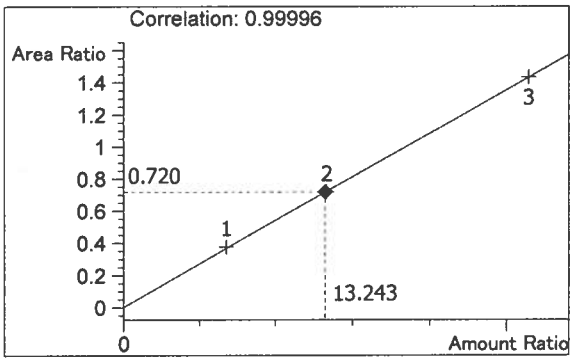
Data File: C:\CHEM32\2\DATA\140605JK\002F0201.D

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

Inj. Date: 6/5/2014 2:32:16 PM Sample Name: CAL 2 (0.158)
Instrument: HSGC 3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 3
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

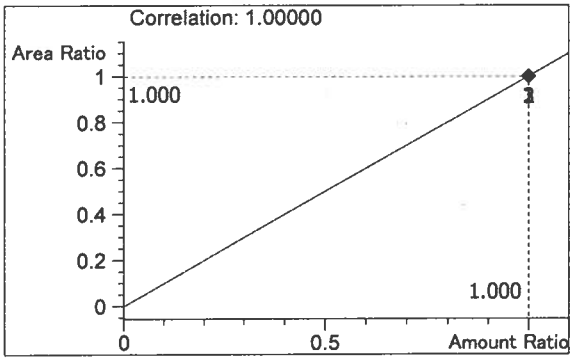


#	Compound	Peak Area	RT (min)
1	Ethanol	1130	1.017
2	n-Propanol	1570	1.741



Ethanol 0.159 g/100mL

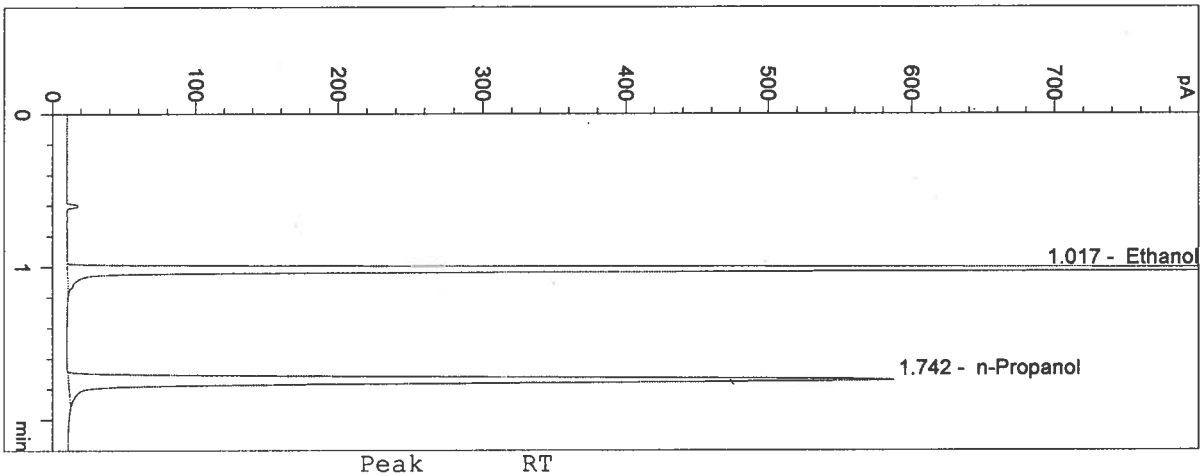
14019



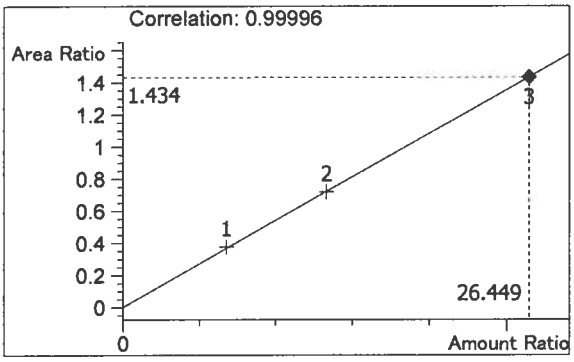
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/5/2014 2:35:34 PM Sample Name: CAL 3 (0.316)
Instrument: HSGC 3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 4
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

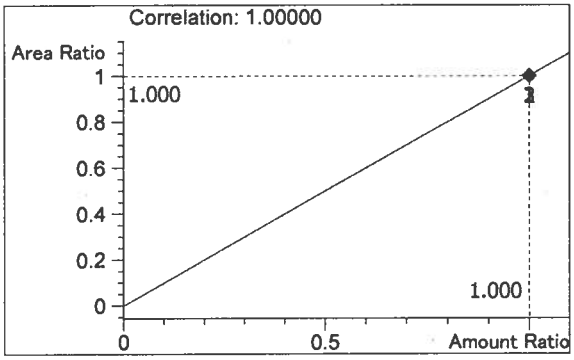


#	Compound	Peak Area	RT (min)
1	Ethanol	2229	1.017
2	n-Propanol	1554	1.742



Ethanol 0.317 g/100mL

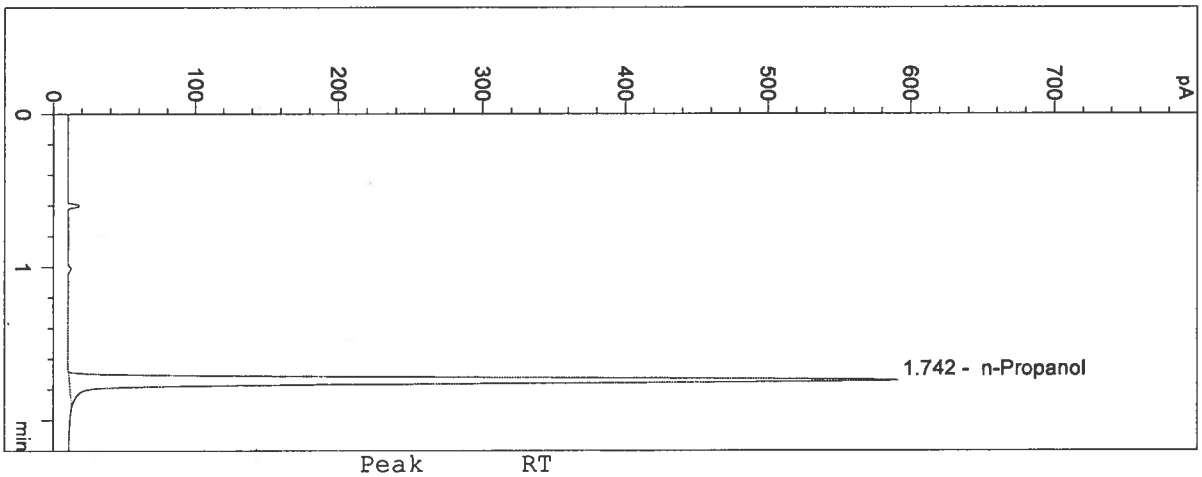
14019



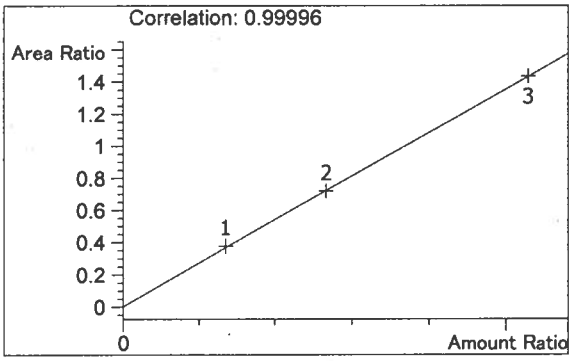
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/5/2014 2:38:47 PM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 5
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

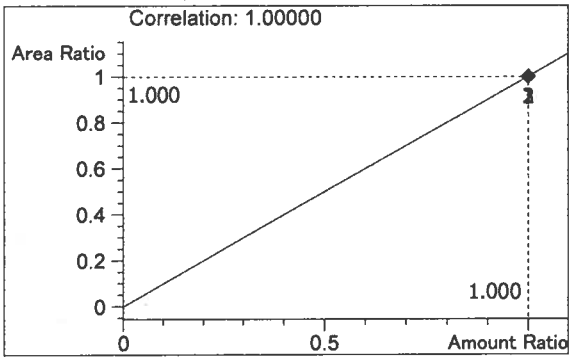


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1561	1.742



Ethanol 0.000 g/100mL

14019



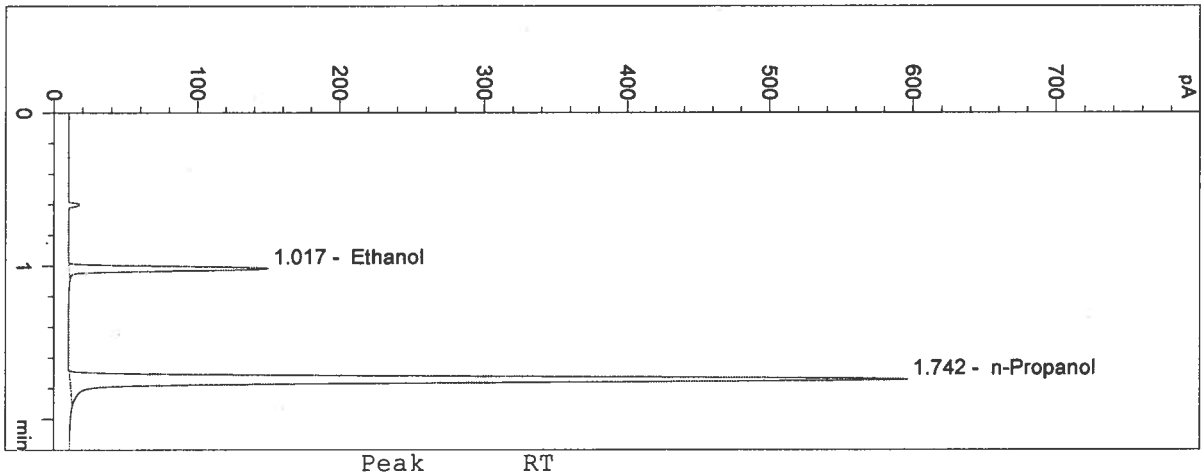
n-Propanol 0.012 g/100mL

Data File: C:\CHEM32\2\DATA\140605JK\005F0501.D Page 1 of 1

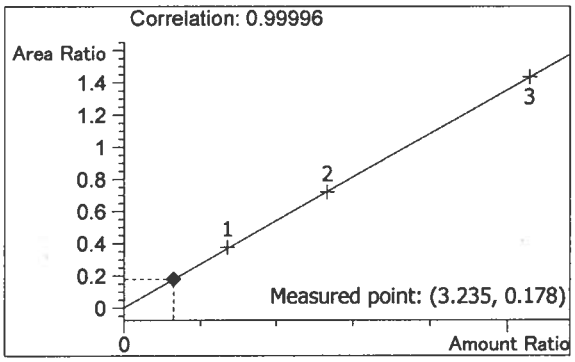
JK

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

Inj. Date: 6/5/2014 2:42:02 PM Sample Name: CTRL 1 (0.04)
Instrument: HSGC 3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 6
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

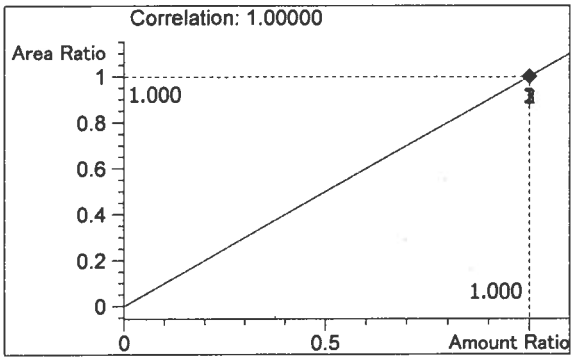


#	Compound	Peak Area	RT (min)
1	Ethanol	281	1.017
2	n-Propanol	1576	1.742



Ethanol 0.039 g/100mL

14019

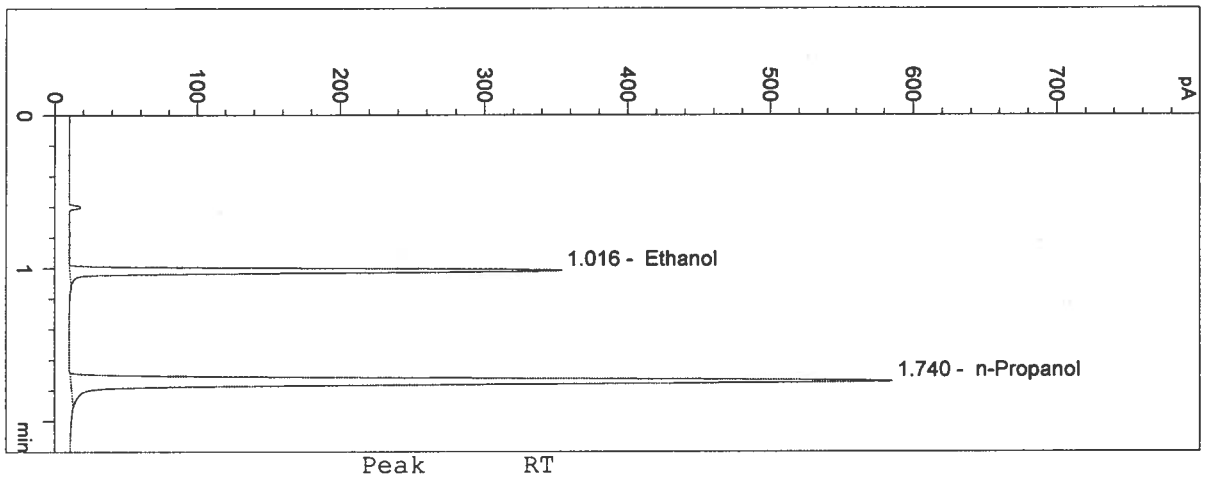


n-Propanol 0.012 g/100mL

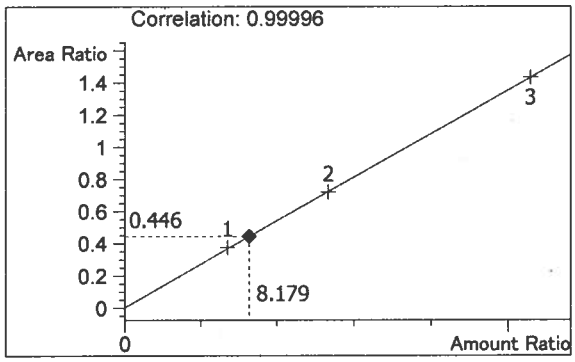
JK

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

Inj. Date: 6/5/2014 2:45:14 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 7
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

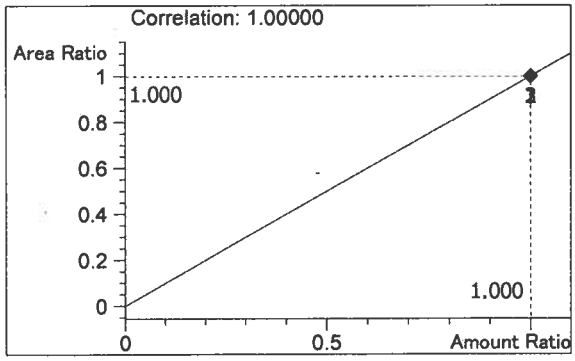


#	Compound	Peak Area	RT (min)
1	Ethanol	690	1.016
2	n-Propanol	1547	1.740



Ethanol 0.098 g/100mL

14019

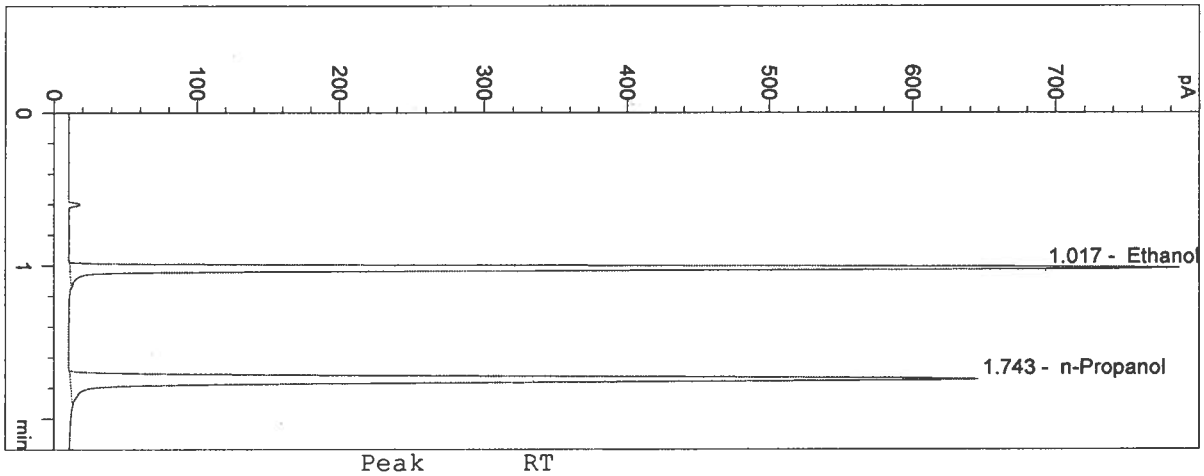


n-Propanol 0.012 g/100mL

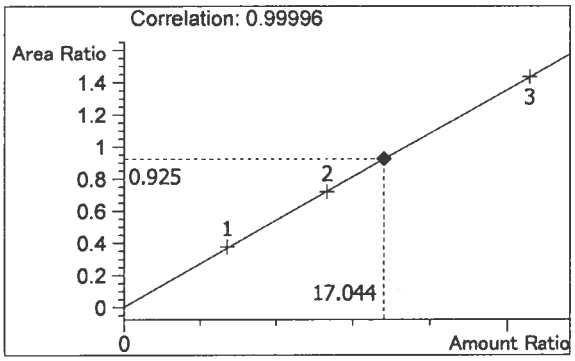
JK

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

Inj. Date: 6/5/2014 2:48:27 PM Sample Name: CTRL 3 (0.20)
Instrument: HSGC 3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 8
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

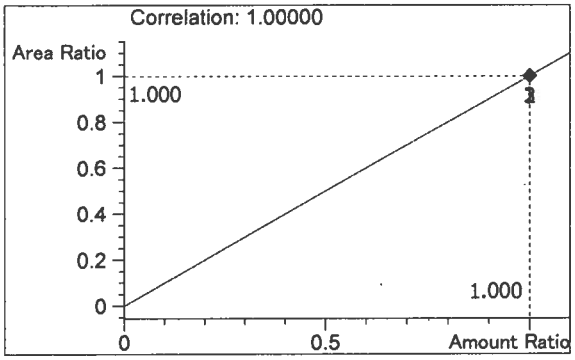


#	Compound	Peak Area	RT (min)
1	Ethanol	1579	1.017
2	n-Propanol	1707	1.743



Ethanol 0.205 g/100mL

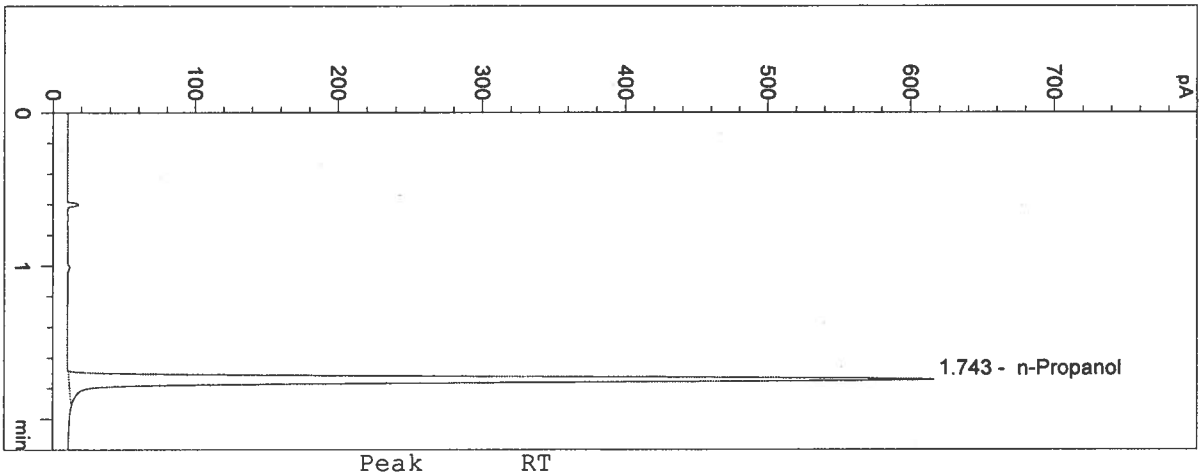
14019



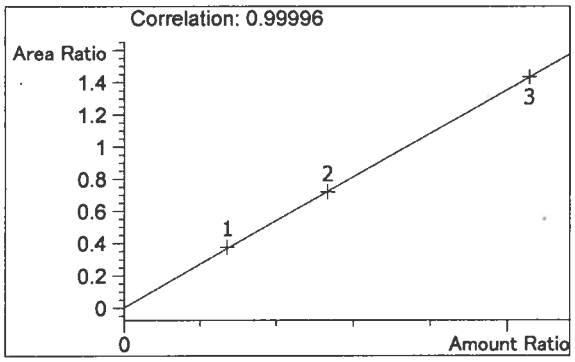
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/5/2014 2:51:41 PM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 9
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

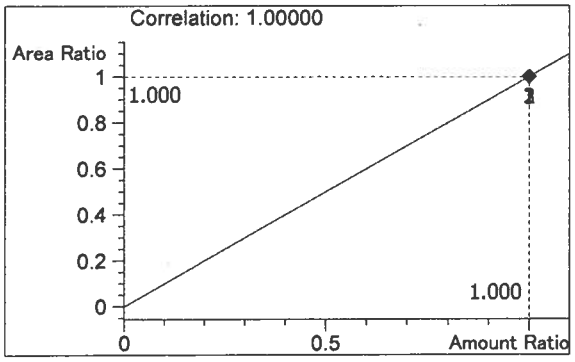


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1625	1.743



Ethanol 0.000 g/100mL

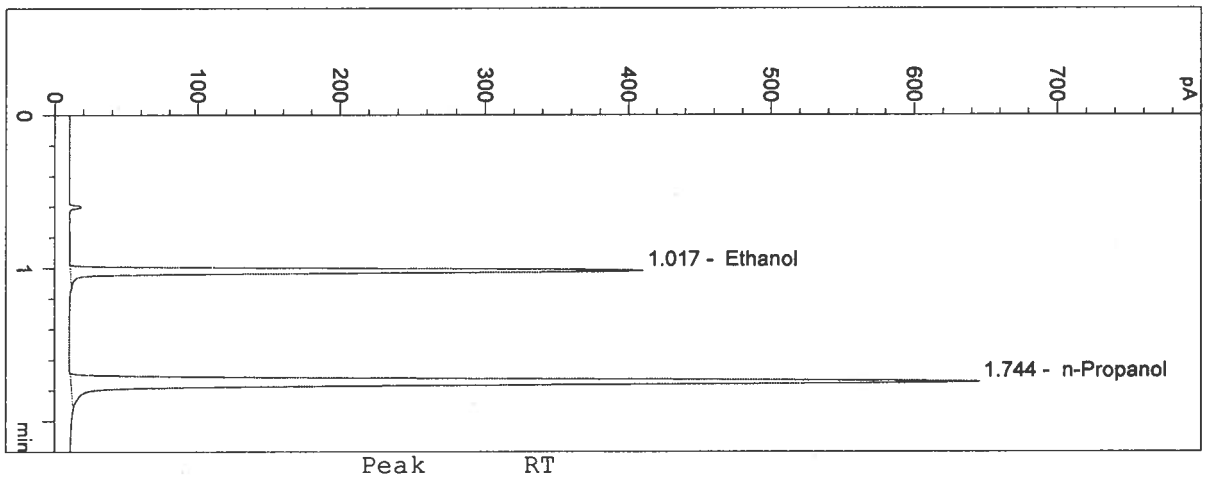
14019



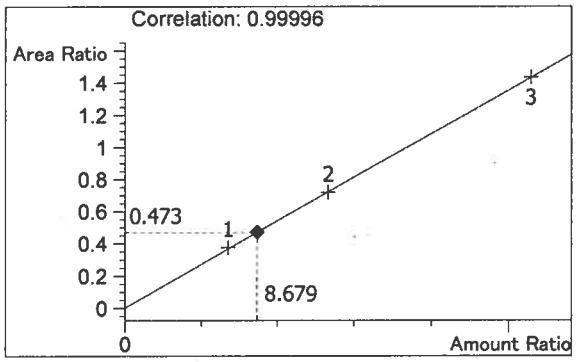
n-Propanol 0.012 g/100mL

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

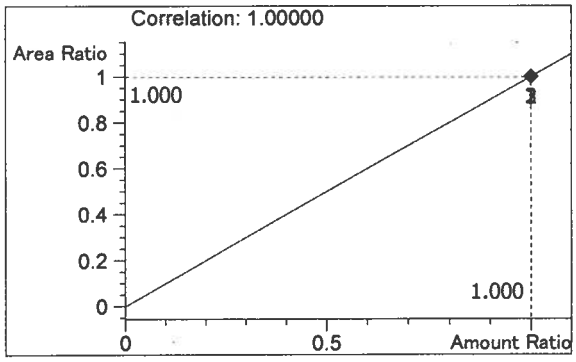
Inj. Date: 6/5/2014 2:54:55 PM Sample Name: 14019 #1
Instrument: HSGC 3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 10
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	806	1.017
2	n-Propanol	1704	1.744



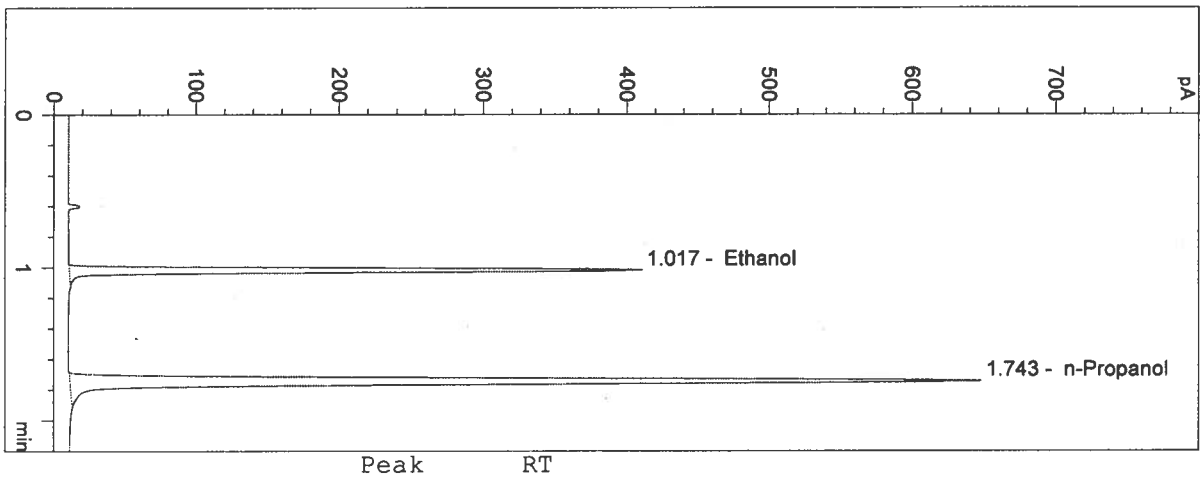
Ethanol 0.104 g/100mL



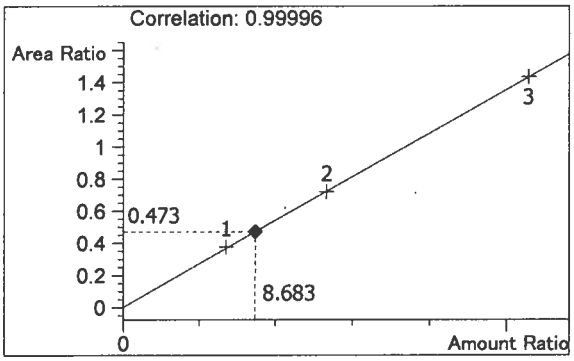
n-Propanol 0.012 g/100mL

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

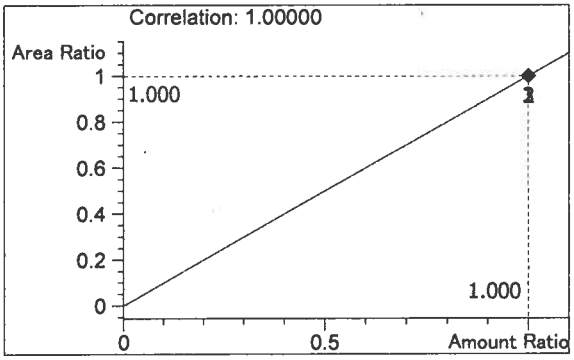
Inj. Date: 6/5/2014 2:58:06 PM Sample Name: 14019 #2
Instrument: HSGC 3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 11
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	809	1.017
2	n-Propanol	1711	1.743



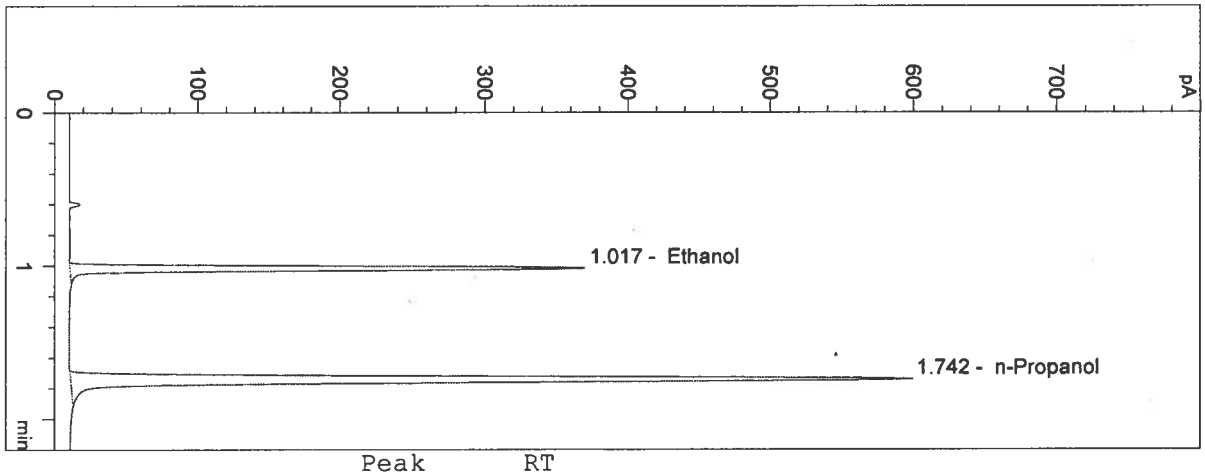
Ethanol 0.104 g/100mL



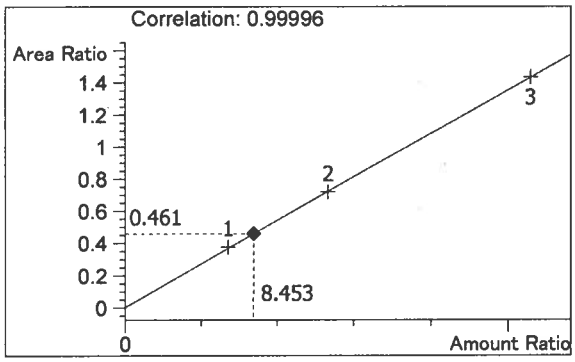
n-Propanol 0.012 g/100mL

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

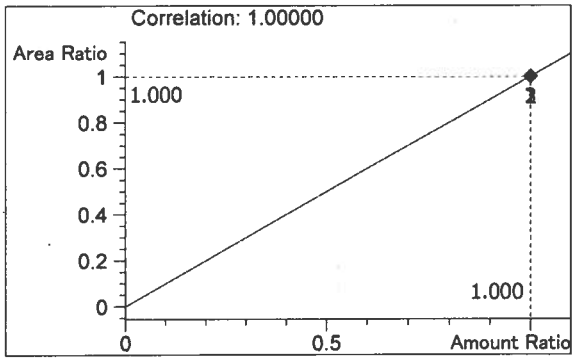
Inj. Date: 6/5/2014 3:01:21 PM Sample Name: 14019 #3
Instrument: HSGC 3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 12
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	731	1.017
2	n-Propanol	1586	1.742



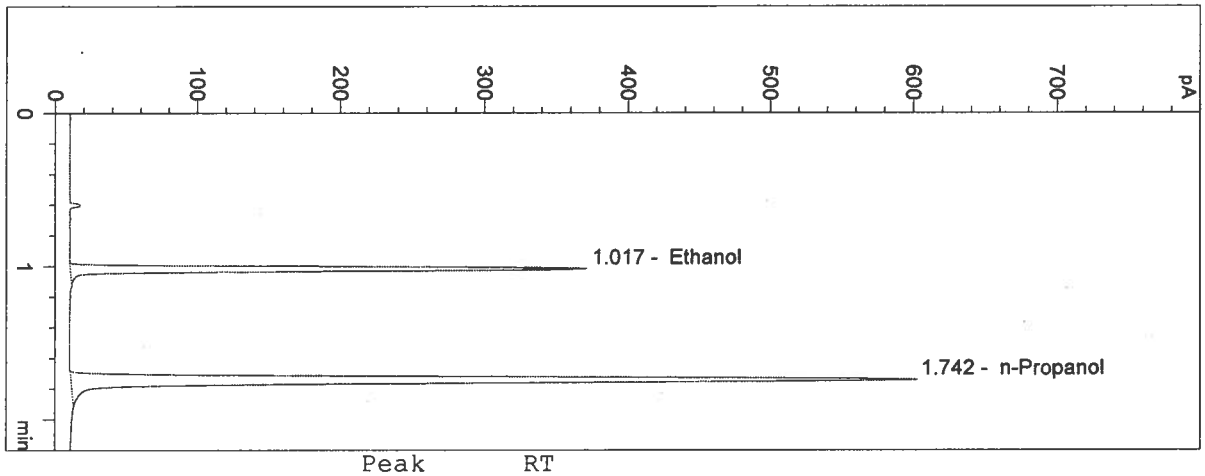
Ethanol 0.101 g/100mL



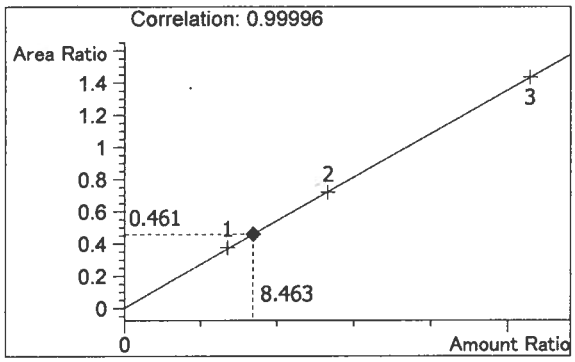
n-Propanol 0.012 g/100mL

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

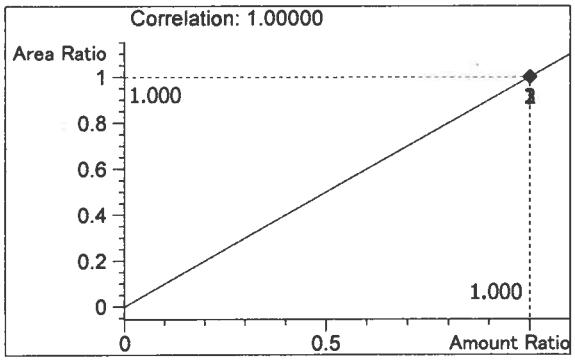
Inj. Date: 6/5/2014 3:04:34 PM Sample Name: 14019 #4
Instrument: HSGC 3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 13
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	734	1.017
2	n-Propanol	1592	1.742



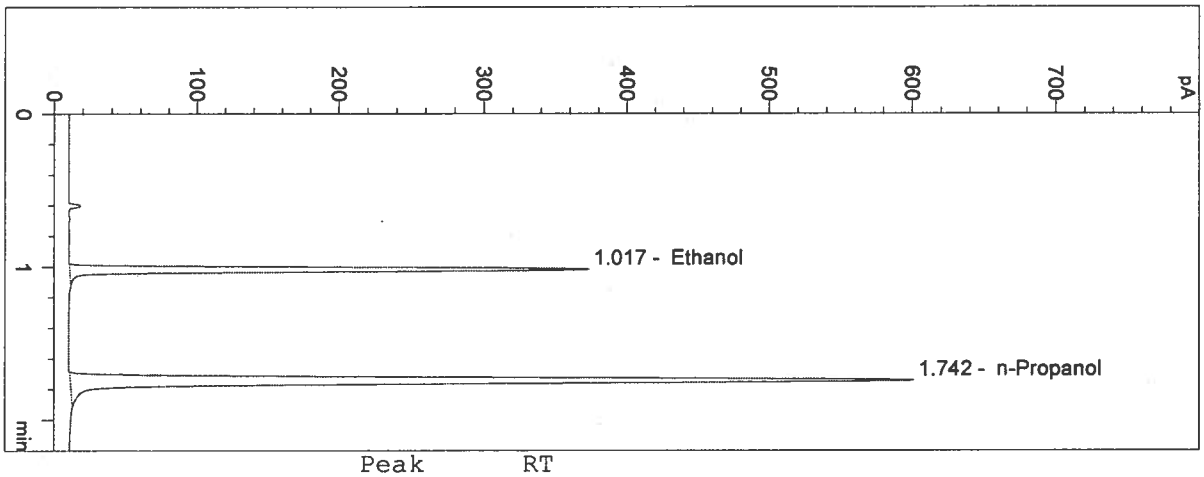
Ethanol 0.102 g/100mL



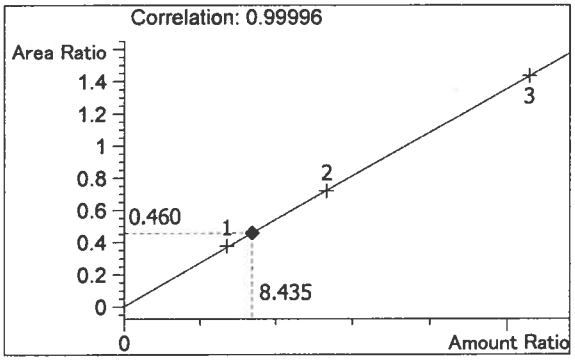
n-Propanol 0.012 g/100mL

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

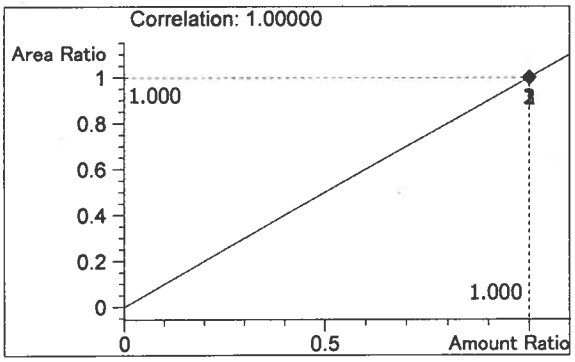
Inj. Date: 6/5/2014 3:07:47 PM Sample Name: 14019 #5
Instrument: HSGC 3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 14
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	731	1.017
2	n-Propanol	1591	1.742



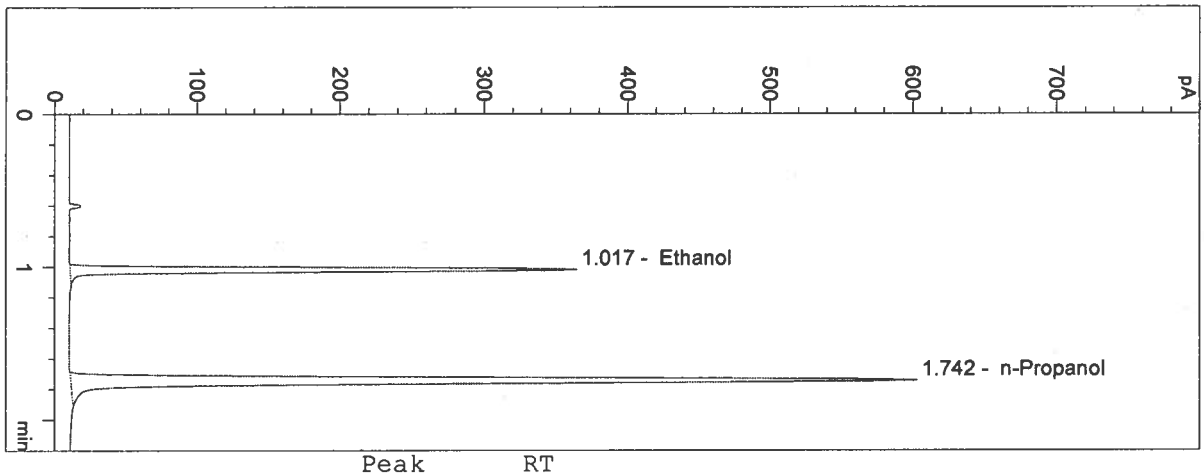
Ethanol 0.101 g/100mL



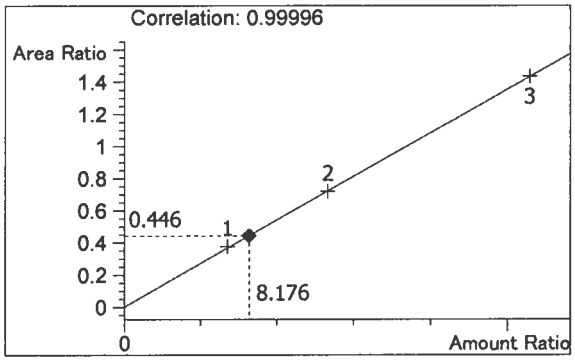
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/5/2014 3:11:03 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 15
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

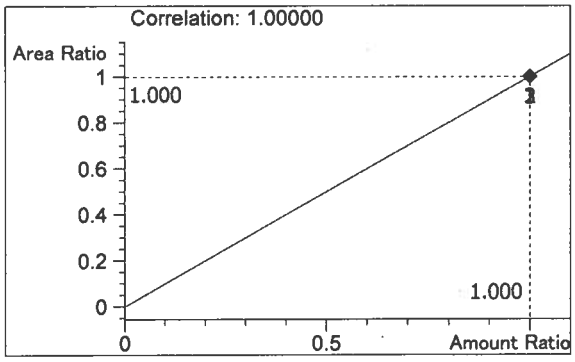


#	Compound	Peak Area	RT (min)
1	Ethanol	712	1.017
2	n-Propanol	1598	1.742



Ethanol 0.098 g/100mL

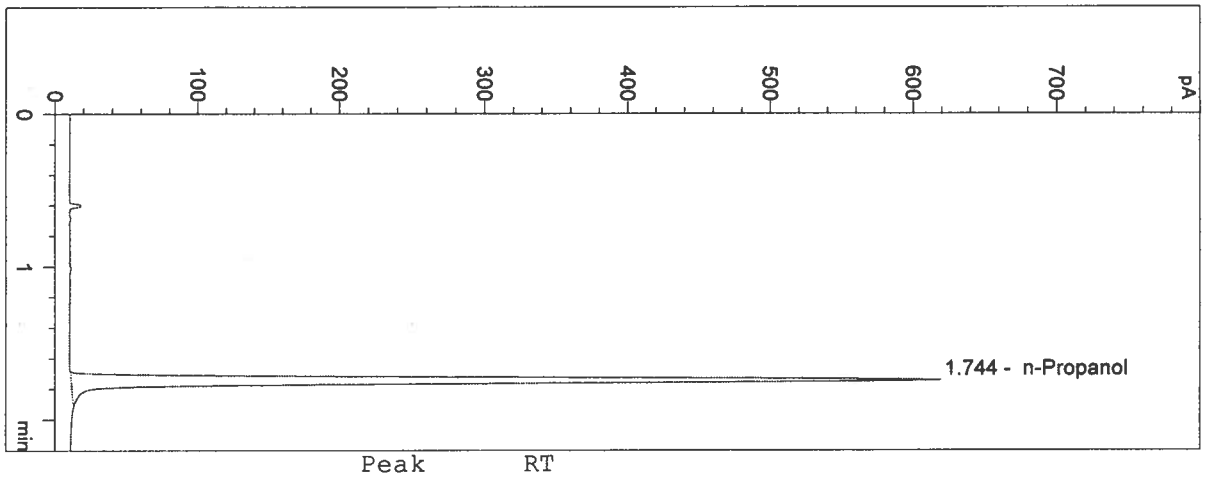
14019



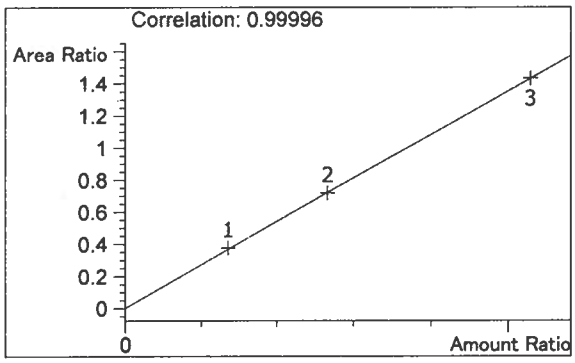
n-Propanol 0.012 g/100mL

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

Inj. Date: 6/5/2014 3:14:15 PM Sample Name: NEG CTRL
Instrument: HSGC 3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 16
Method: C:\CHEM32\2\METHODS\SIMALC3.M
Sample Info:

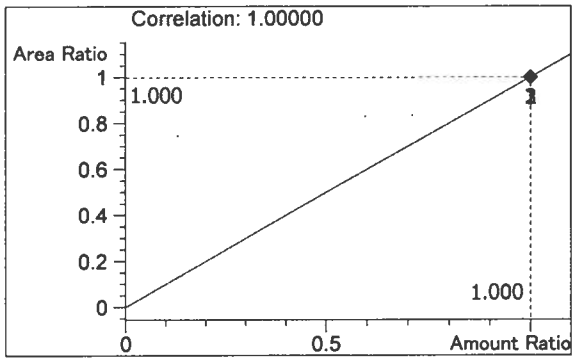


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1636	1.744



Ethanol 0.000 g/100mL

14019



n-Propanol 0.012 g/100mL