



**QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT**

**BATCH REPORT: 14018**

**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: 0.10 g/210L  
DATE PREPARED: 05/21/2014  
BATCH UNITS: g/100mL

IDENTITY: QAP Solution  
PREPARED BY: Naziha Nuwayhid

	NN	AG	KK
1	0.128	0.125	0.126
2	0.128	0.125	0.127
3	0.127	0.125	0.127
4	0.125	0.125	0.127
5	0.128	0.125	0.126
C	0.104	0.101	0.102

**ETHANOL CONTROL INFORMATION**

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

**RESULTS OF TESTING**

AVERAGE SOLUTION CONCENTRATION: 0.1263 g/100mL PRECISION CV (%): 0.97  
STANDARD DEVIATION: 0.00122 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.1027 g/210L**  
COMBINED STANDARD UNCERTAINTY: ± 0.0014 (k=1, 68% confidence interval)

**WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION**

  
\_\_\_\_\_  
Lisa Noble Forensic Scientist Supervisor

6/27/14  
DATE REPORT ISSUED

ANALYST	NAME	THIS TESTING WAS PERFORMED BY:		DATE TESTED
		SIGNATURE		
NN	Naziha Nuwayhid			05/21/2014
AG	Andrew Gingras			05/22/2014
KK	Katie Knorr			06/20/2014

Washington State Patrol - Toxicology Laboratory Division  
QAP Test Report Calculation Record

QAP Solution Batch #: 14018

Date Prepared: 5/21/2014

Analyst:	NN	AG	KK
Date Tested:	5/21/2014	5/22/2014	6/20/2014
Instrument:	HSGC #1	HSGC #1	HSGC #1
1	0.128	0.125	0.126
2	0.128	0.125	0.127
3	0.127	0.125	0.127
4	0.125	0.125	0.127
5	0.128	0.125	0.126
C	0.104	0.101	0.102

$CV^2_{COA}$	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef.}$
0.0000084100	0.0000062523	0.0000742713	0.0001016326

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

Average Solution Concentration: 0.1263 g/100mL  
Standard Deviation: 0.00122 g/100mL  
Precision CV (%): 0.97  
Equivalent Vapor Concentration: 0.1027 g/210L  
Combined Standard Uncertainty ( $\pm$ ): 0.0014 g/210L

Calculations performed by: Lisa Noble [Signature] 6/24/14  
Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 6-27-2014 Method: Hand calculation  
Name Signature Date

Tech. review performed by: Lisa Noble [Signature] 6/24/14  
Name Signature Date

## SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black

Date: 6-27-2014

Location: WSP-FLSB Seattle, WA Solution Batch Number: 14018

	YES	NO	N/A
Analysis dates do not precede preparation date:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Declarations signed and properly dated:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Data entry corresponds to all chromatograms:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All signatures present on Test Report:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Average solution concentration correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Standard deviation correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CV (%) correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equivalent vapor concentration correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All chromatograms and sequences included in file:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ethanol control information present: (lot # present & used within expiration)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Complies with accuracy and precision requirements established by the State Toxicologist:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

Reviewer Signature: 

Date: 6-27-2014

Reviewer Signature: MA 6-27-14

Date: \_\_\_\_\_

**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
<b>Amanda Chandler</b>		
<b>Andrew Gingras</b>	AG	6/25/14
<b>Asa Louis</b>		
<b>Brittany Ball</b>		
<b>Christie Mitchell-Mata</b>		
<b>Christopher Johnston</b>		
<b>Dawn Sklerov</b>		
<b>Justin Knoy</b>		
<b>Katie Knorr</b>	KK	6/24/14
<b>Lyndsey Lowe</b>		
<b>Naziha Nuwayhid</b>	NW	6.24.14
<b>Rebecca Flaherty</b>		
<b>Sarah Swenson</b>		

Batch # 14018

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 0.10 QAP SOLUTION  
CERTIFICATION FOR LOT 14018**


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 qap solution, Lot Number 14018, was prepared in the Washington State Toxicology Laboratory on 5/21/2014. 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 shall not be used to perform a quality assurance procedure after 5/21/2015.

Seattle, WA

 6.24.14  
Naziha Nuwayhid Date  
Forensic Toxicologist



JAY INSLEE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
WASHINGTON STATE PATROL  
WASHINGTON STATE TOXICOLOGY LABORATORY

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**DATAMASTER 0.10 QAP SOLUTION  
CERTIFICATION FOR LOT 14018**

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 gap solution, Lot Number 14018, was prepared in the Washington State Toxicology Laboratory on 5/21/2014. 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 shall not be used to perform a quality assurance procedure after 5/21/2015.

Seattle, WA

Andrew Gingras  
Forensic Toxicologist

Date



JAY INSLEE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
WASHINGTON STATE PATROL  
WASHINGTON STATE TOXICOLOGY LABORATORY

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**DATAMASTER 0.10 QAP SOLUTION  
CERTIFICATION FOR LOT 14018**

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 gap solution, Lot Number 14018, was prepared in the Washington State Toxicology Laboratory on 5/21/2014. 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 shall not be used to perform a quality assurance procedure after 5/21/2015.

Seattle, WA

Handwritten signature of Katie Knorr in blue ink, with the date 6/24/14 written to the right.

Katie Knorr

Date

Forensic Toxicologist

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

Preparation Date: 5.21.14 Initials of Preparer: NNExpiration Date: 5.21.15Lot # of 200-proof Ethanol used in preparation: 2CB0070Date 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	<input checked="" type="checkbox"/>	<u>14017</u>
QAP 0.08	22.4	18	<input type="checkbox"/>	<u>                    </u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>14018</u>
QAP 0.15	42.0	18	<input type="checkbox"/>	<u>                    </u>
ESS	66.5	52	<input type="checkbox"/>	<u>                    </u>

Stir bar is rotating Stirred for minimum 30 minutes; 2 hours for ESS Spigot purged Aliquot taken Batch labeled, packaged and sealed 

S.21.14 NN S.22.14 NN S.21.14 NN  
"Boxed" 6.27.14 NN

5.22.14  
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:

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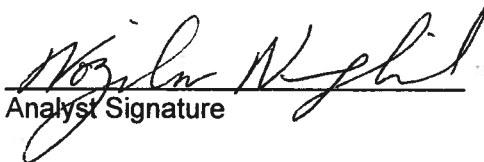


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Analyst Signature



Date

5.22.14



Sequence Parameters:

Operator: Naziha Nuwayhid, PhD  
 Data File Naming: Prefix/Counter  
 Signal 1 Prefix: SIG1  
 Counter: 0001  
 Signal 2 Prefix: SIG2  
 Counter: 0001  
 Data Directory: C:\HPCHEM\1\DATA\  
 Data Subdirectory: 140521NN  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0414-01 - Exp. 10/15/14  
 Ethanol Calibrator 2, E0414-02 - Exp. 10/15/14  
 Ethanol Calibrator 3, E0414-03 - Exp. 10/15/14

0.04 Control - Lot #FN05011301 - Exp. <sup>5</sup>07/2018  
 0.10 Control - Lot #FN08051301 - Exp. 10/2018  
 0.20 Control - Lot #FN100511-01 - Exp. 10/2016

6.24.14  
 NW

ISTD Lot#P0314 - Exp. 06/24/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	Negative	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 Ctrl	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 Ctrl	SIMALC1	1	Ctrl Samp		
9	Vial 9	Negative	SIMALC1	1	Ctrl Samp		
10	Vial 10	14017 #1	SIMALC1	1	Sample		
11	Vial 11	14017 #2	SIMALC1	1	Sample		
12	Vial 12	14017 #3	SIMALC1	1	Sample		
13	Vial 13	14017 #4	SIMALC1	1	Sample		
14	Vial 14	14017 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative	SIMALC1	1	Ctrl Samp		
17	Vial 17	14018 #1	SIMALC1	1	Sample		
18	Vial 18	14018 #2	SIMALC1	1	Sample		
19	Vial 19	14018 #3	SIMALC1	1	Sample		
20	Vial 20	14018 #4	SIMALC1	1	Sample		
21	Vial 21	14018 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
23	Vial 23	Negative	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

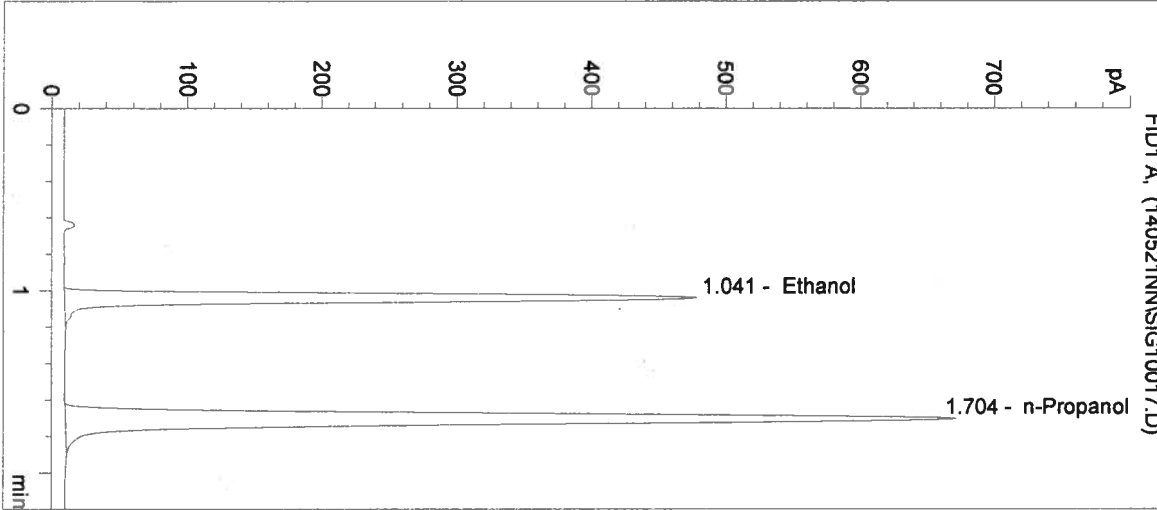
No entries - empty table!

- 14017

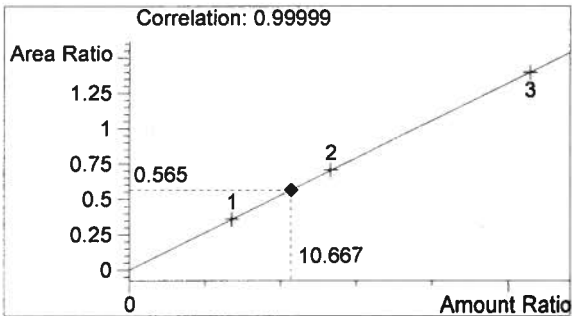
14018

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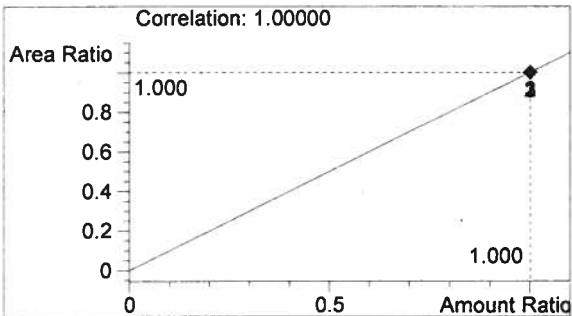
Inj. Date: 5/21/2014 12:56:41 PM      Sample Name: 14018 #1  
Instrument: HSGC#1      Operator: Naziha Nuwayhid, PhD  
Column: DB-ALC1      Location: Vial 17  
Method: C:\HPCHEM\1\METHODS\SIMALC1.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1481	1.041
2	n-Propanol	2623	1.704



Ethanol      0.128 g/100mL

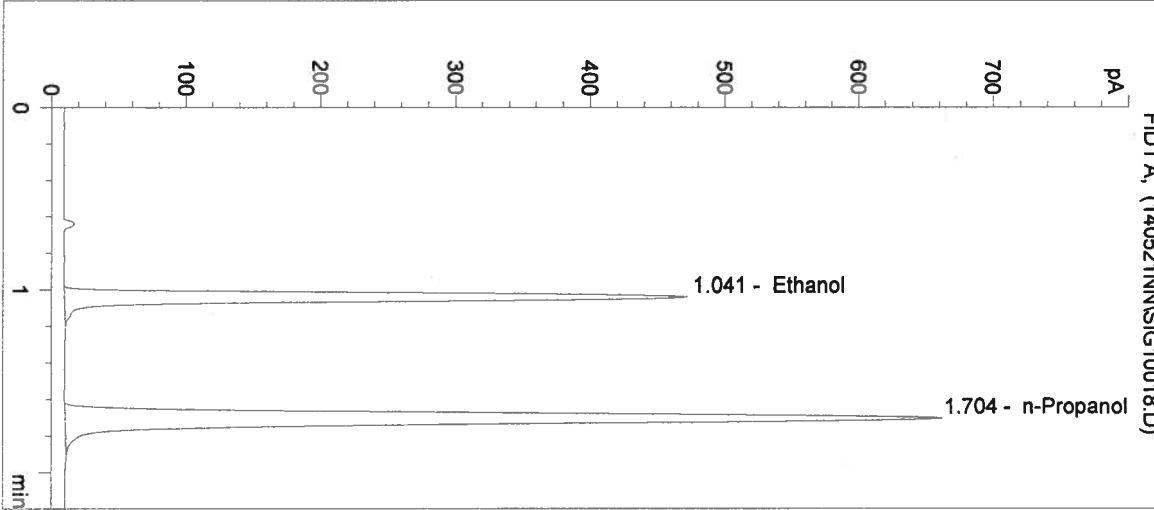


n-Propanol      0.012 g/100mL

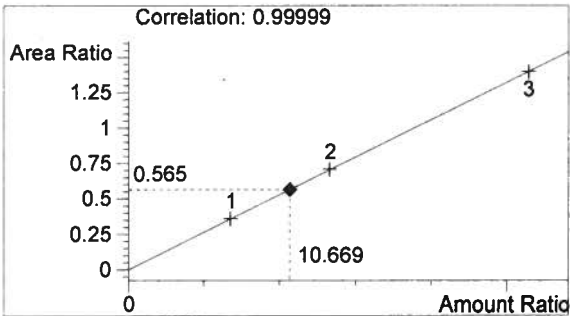
*NW*

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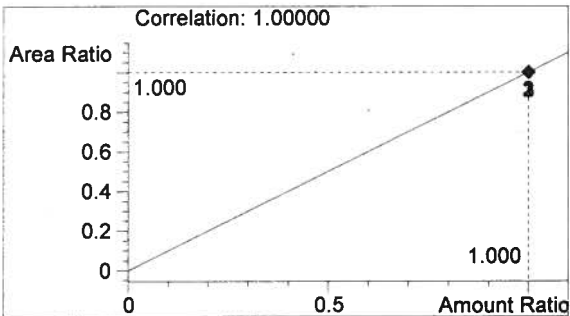
Inj. Date: 5/21/2014 12:59:46 PM      Sample Name: 14018 #2  
Instrument: HSGC#1      Operator: Naziha Nuwayhid, PhD  
Column: DB-ALC1      Location: Vial 18  
Method: C:\HPCHEM\1\METHODS\SIMALC1.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1461	1.041
2	n-Propanol	2587	1.704



Ethanol      0.128 g/100mL



n-Propanol      0.012 g/100mL

*NW*

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Inj. Date: 5/21/2014 1:02:50 PM

Sample Name: 14018 #3

Instrument: HSGC#1

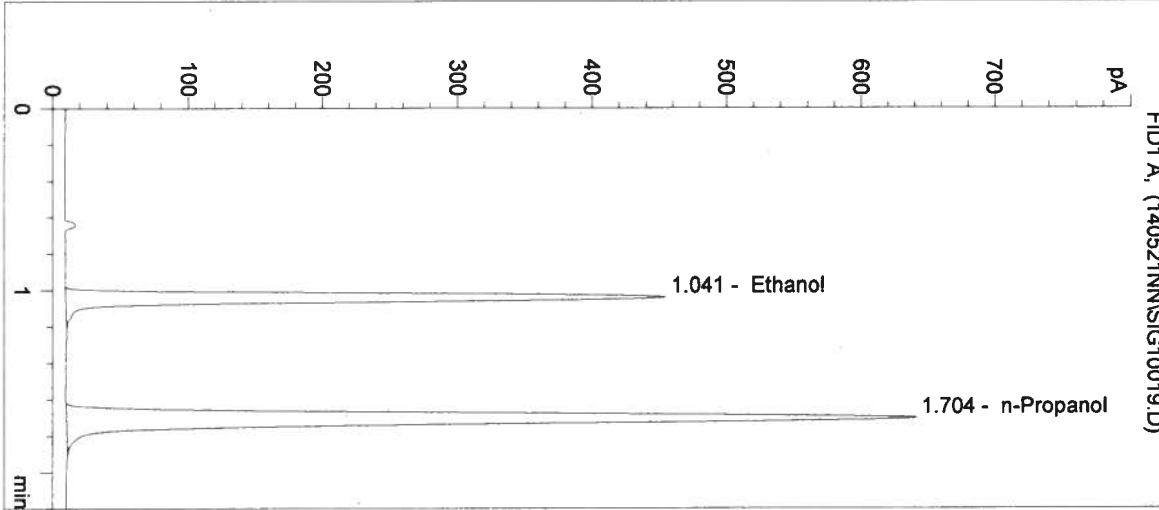
Operator: Naziha Nuwayhid, PhD

Column: DB-ALC1

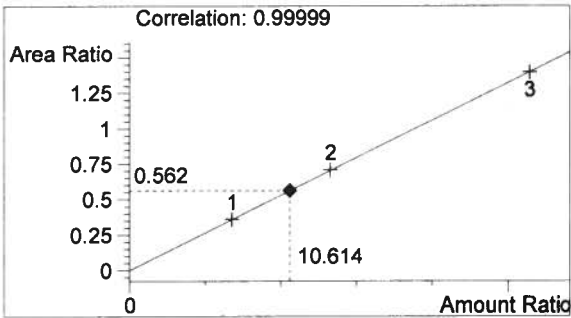
Location: Vial 19

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

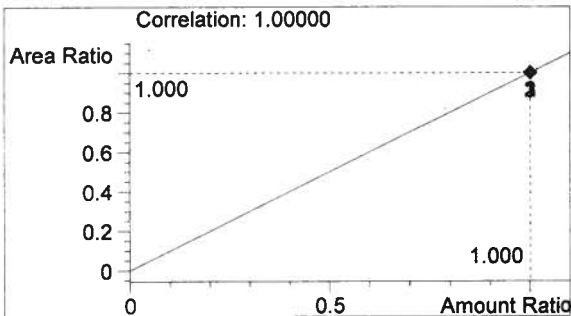
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1405	1.041
2	n-Propanol	2500	1.704



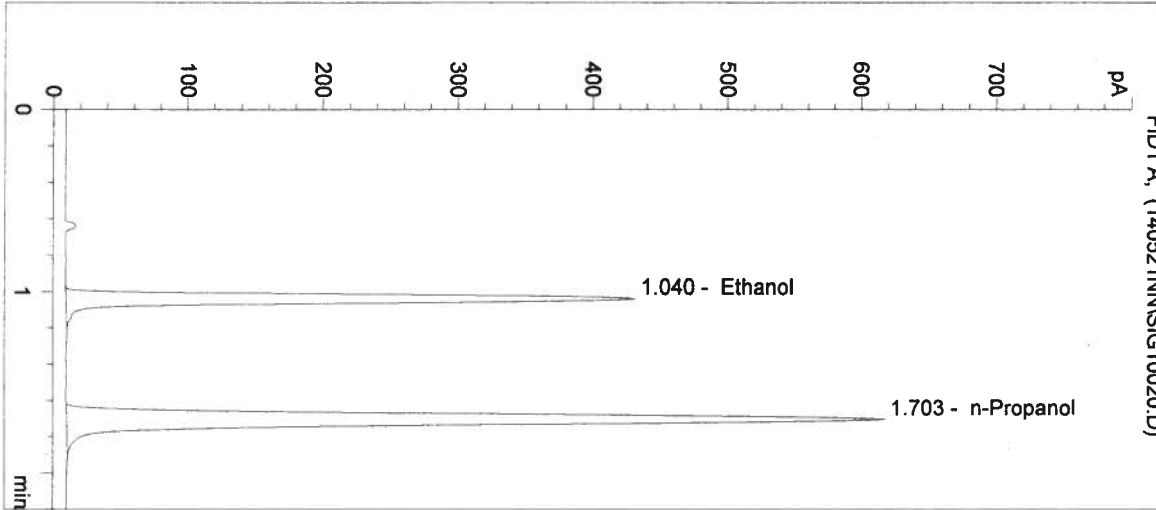
Ethanol 0.127 g/100mL



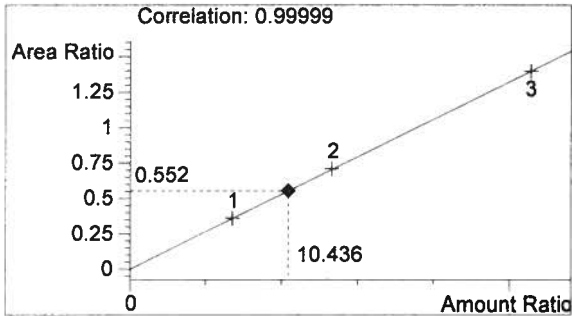
n-Propanol 0.012 g/100mL

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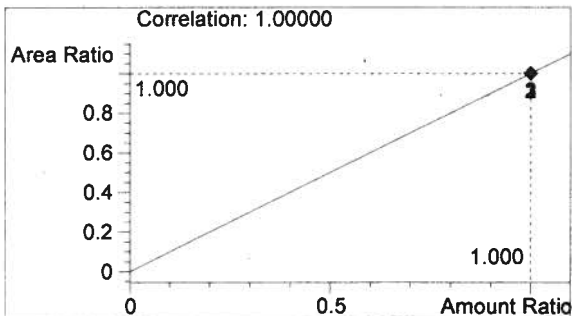
Inj. Date: 5/21/2014 1:05:55 PM      Sample Name: 14018 #4  
Instrument: HSGC#1      Operator: Naziha Nuwayhid, PhD  
Column: DB-ALC1      Location: Vial 20  
Method: C:\HPCHEM\1\METHODS\SIMALC1.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1331	1.040
2	n-Propanol	2410	1.703



Ethanol      0.125 g/100mL



n-Propanol      0.012 g/100mL

NW

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Inj. Date: 5/21/2014 1:09:00 PM

Sample Name: 14018 #5

Instrument: HSGC#1

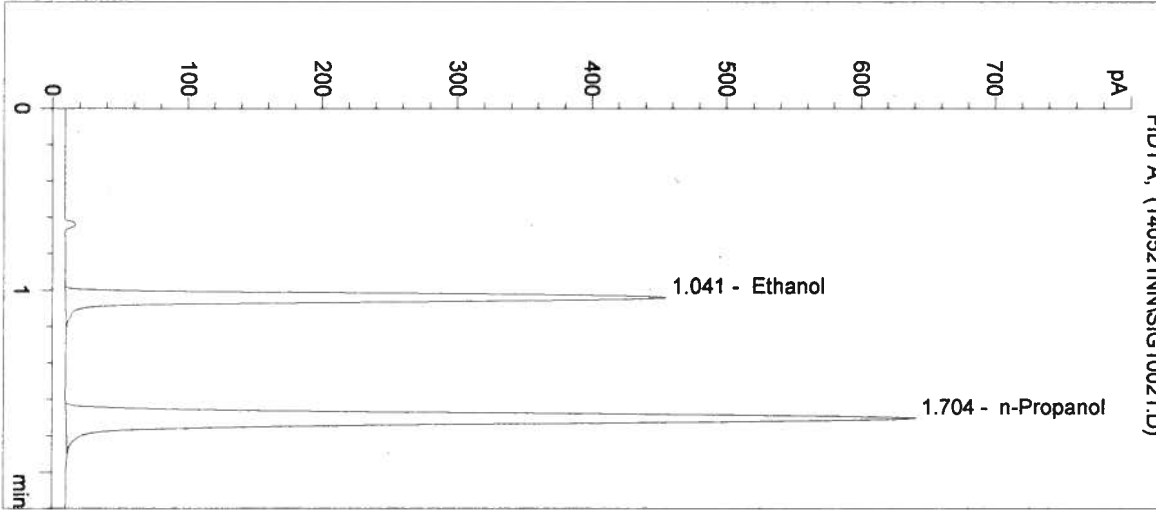
Operator: Naziha Nuwayhid, PhD

Column: DB-ALC1

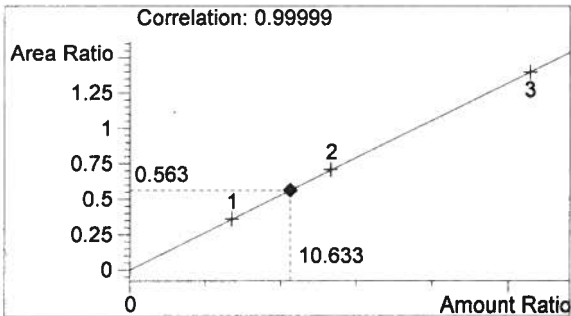
Location: Vial 21

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

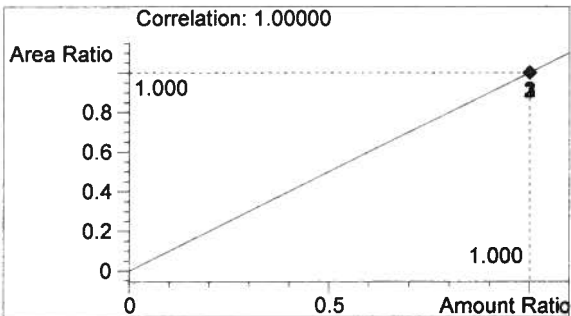
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1407	1.041
2	n-Propanol	2500	1.704



Ethanol 0.128 g/100mL



n-Propanol 0.012 g/100mL

*NW*

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 2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/21/2014 1:12:04 PM

Sample Name: 0.10 Ctrl

Instrument: HSGC#1

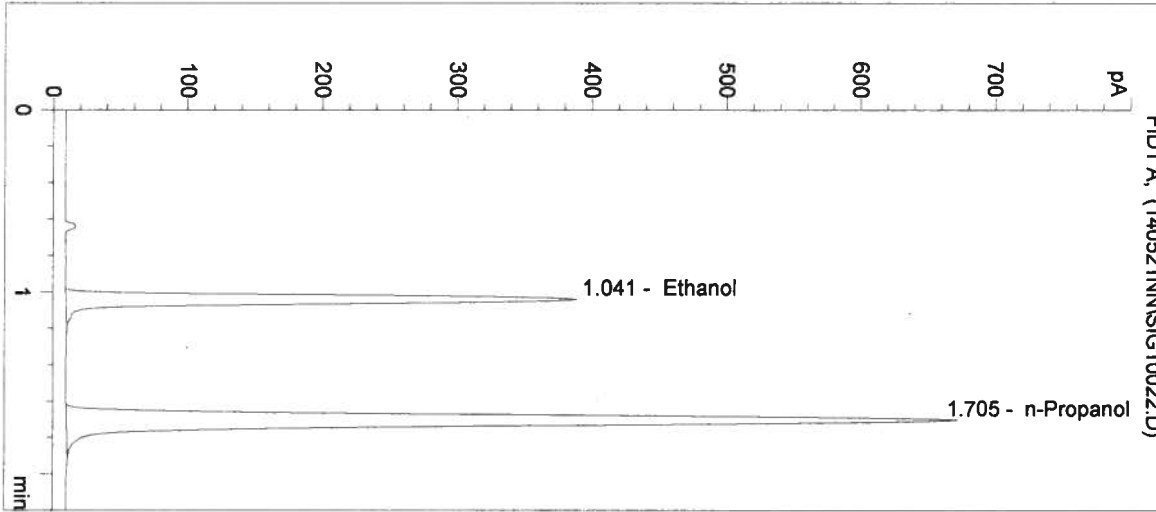
Operator: Naziha Nuwayhid, PhD

Column: DB-ALC1

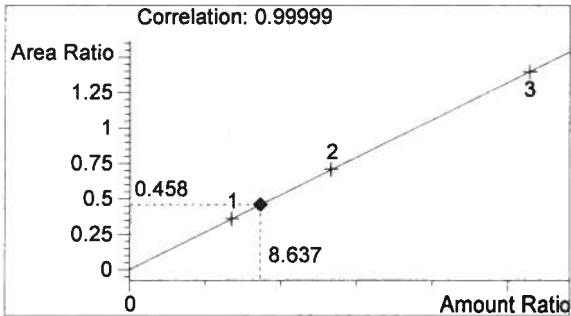
Location: Vial 22

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

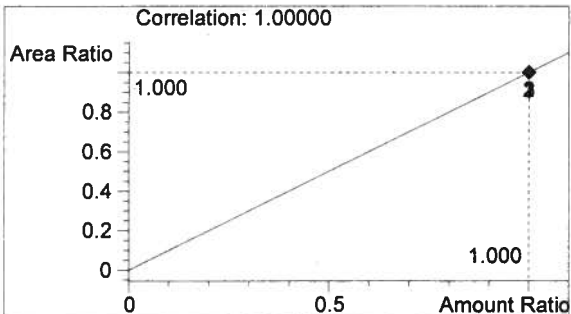
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1202	1.041
2	n-Propanol	2627	1.705



Ethanol 0.104 g/100mL



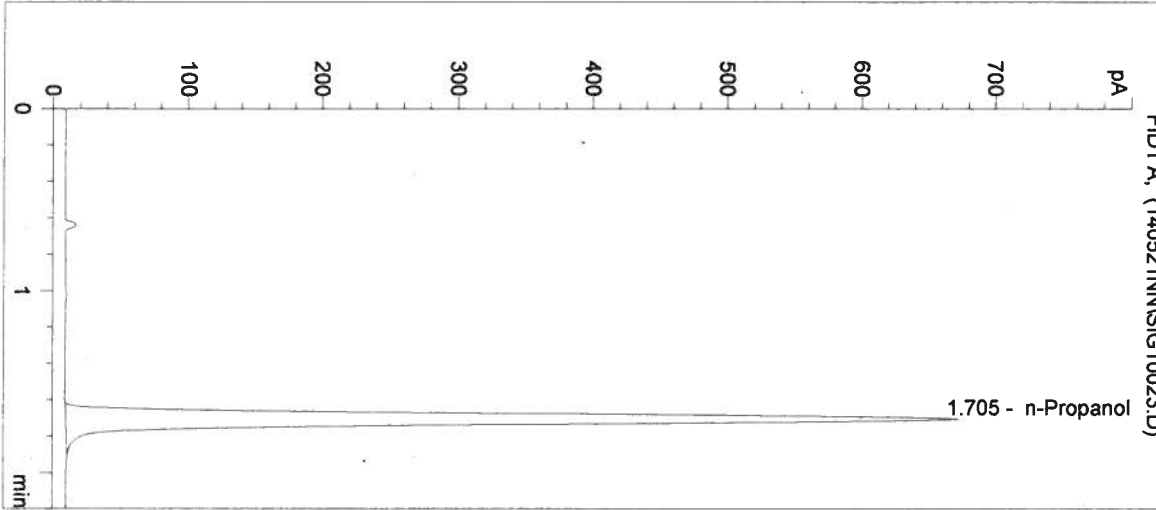
n-Propanol 0.012 g/100mL

14018

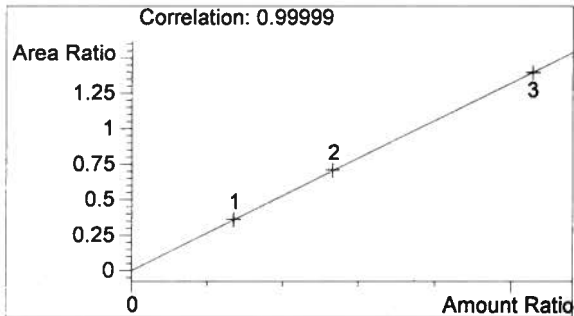
*MW*



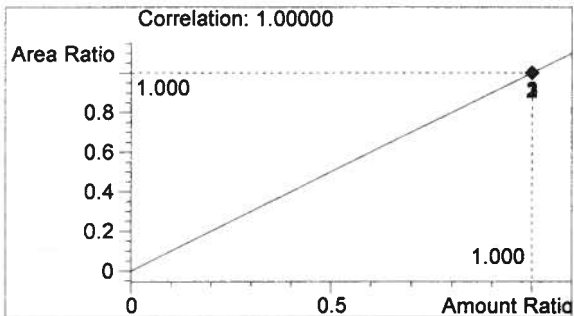
Inj. Date: 5/21/2014 1:15:09 PM      Sample Name: Negative  
Instrument: HSGC#1      Operator: Naziha Nuwayhid, PhD  
Column: DB-ALC1      Location: Vial 23  
Method: C:\HPCHEM\1\METHODS\SIMALC1.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2624	1.705



Ethanol      0.000 g/100mL



n-Propanol      0.012 g/100mL

14018

Sequence Parameters:

Operator: Andrew Gingras  
 Data File Naming: Prefix/Counter  
 Signal 1 Prefix: SIG1  
 Counter: 0001  
 Signal 2 Prefix: SIG2  
 Counter: 0001  
 Data Directory: C:\HPCHEM\1\DATA\  
 Data Subdirectory: 140522AG  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

CAL 1 (0.079g/100mL) - LOT# E0414-01 - EXP 10/15/2014  
 CAL 2 (0.158g/100mL) - LOT# E0414-02 - EXP 10/15/2014  
 CAL 3 (0.316g/100mL) - LOT# E0414-03 - EXP 10/15/2014  
 n-Propanol ISTD - LOT# P0314 - 6/24/2014  
 CTRL 1 (0.04g/100mL) - LOT# FN05011301 - EXP 5/2018  
 CTRL 2 (0.10g/100mL) - LOT# FN08051301 - EXP 10/2018  
 CTRL 3 (0.20g/100mL) - LOT# FN100511-01 - EXP 10/2016

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	QAP 14017 #1	SIMALC1	1	Sample		
11	Vial 11	QAP 14017 #2	SIMALC1	1	Sample		
12	Vial 12	QAP 14017 #3	SIMALC1	1	Sample		
13	Vial 13	QAP 14017 #4	SIMALC1	1	Sample		
14	Vial 14	QAP 14017 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	QAP 14018 #1	SIMALC1	1	Sample		
18	Vial 18	QAP 14018 #2	SIMALC1	1	Sample		
19	Vial 19	QAP 14018 #3	SIMALC1	1	Sample		
20	Vial 20	QAP 14018 #4	SIMALC1	1	Sample		
21	Vial 21	QAP 14018 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

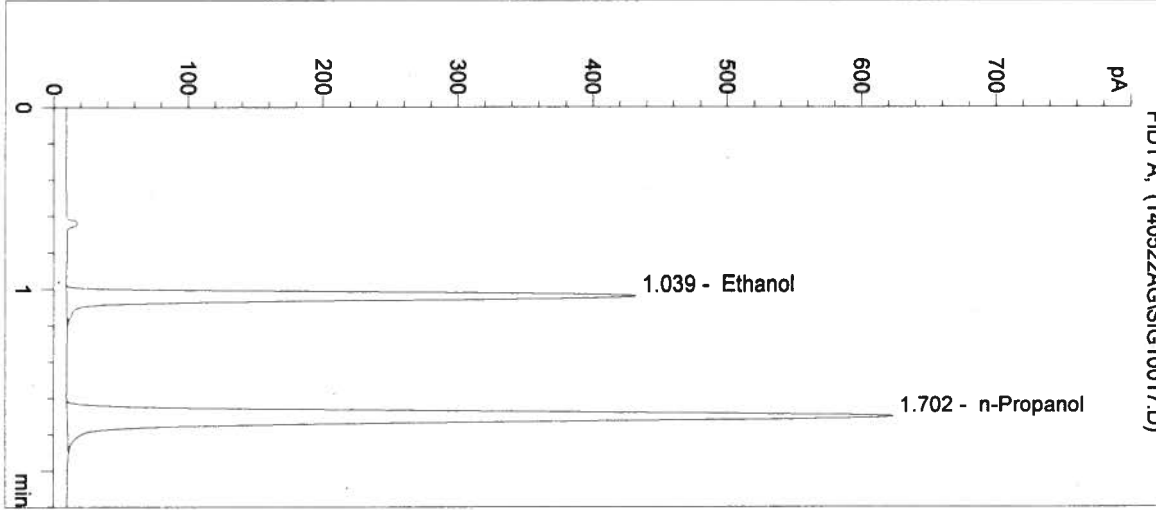
No entries - empty table!

14017  
14018

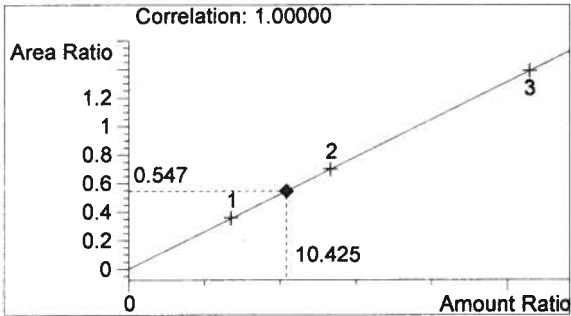
Washington State Patrol Toxicology Laboratory  
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/22/2014 5:24:31 PM  
Instrument: HSGC#1  
Column: DB-ALC1  
Method: C:\HPCHEM\1\METHODS\SIMALC1.M  
Sample Info:

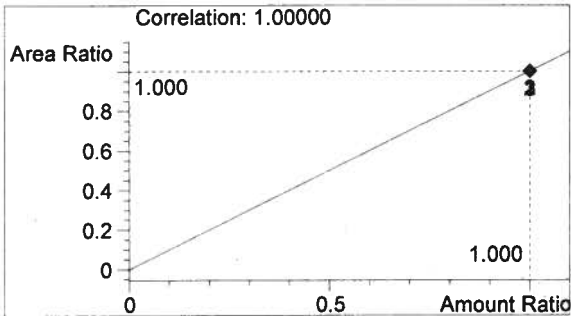
Sample Name: QAP 14018 #1  
Operator: Andrew Gingras  
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	1333	1.039
2	n-Propanol	2436	1.702



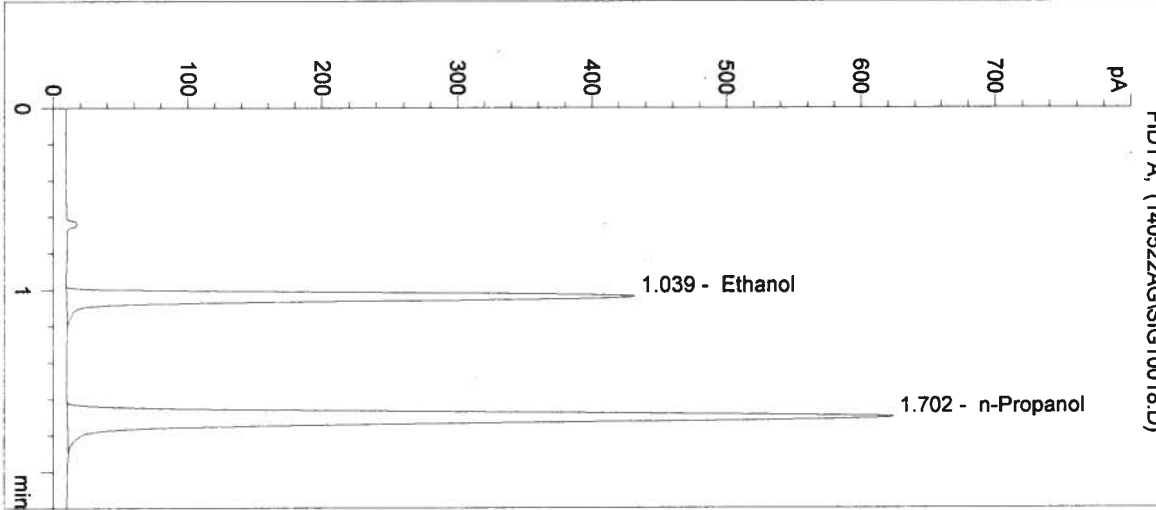
Ethanol 0.125 g/100mL



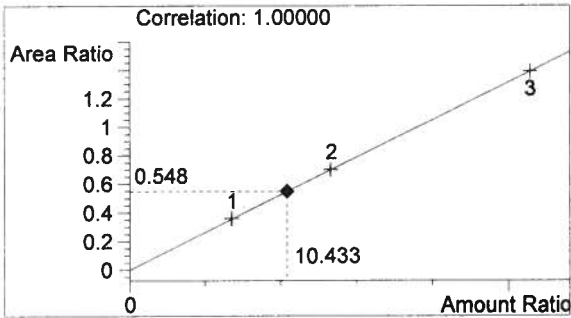
n-Propanol 0.012 g/100mL

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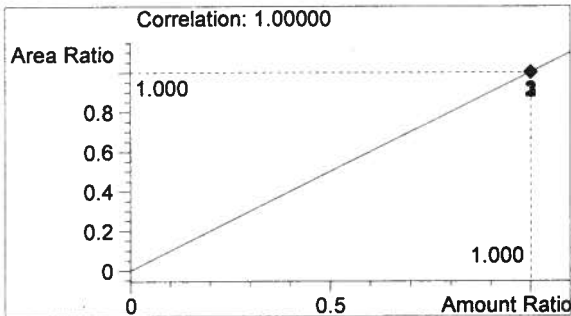
Inj. Date: 5/22/2014 5:27:35 PM      Sample Name: QAP 14018 #2  
Instrument: HSGC#1      Operator: Andrew Gingras  
Column: DB-ALC1      Location: Vial 18  
Method: C:\HPCHEM\1\METHODS\SIMALC1.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1337	1.039
2	n-Propanol	2440	1.702

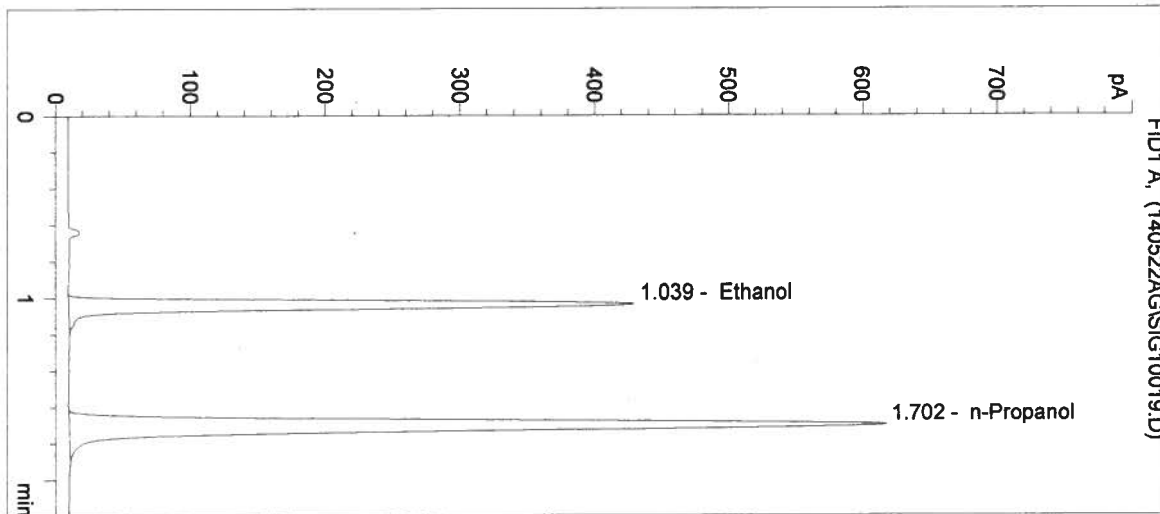


Ethanol      0.125 g/100mL

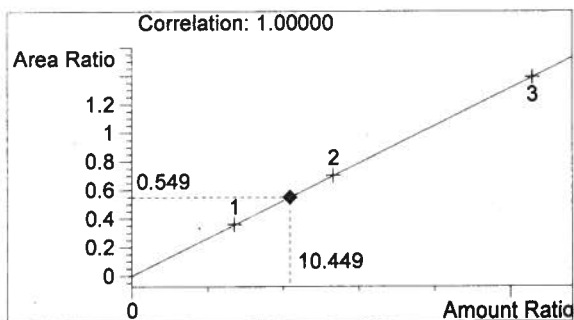


n-Propanol      0.012 g/100mL

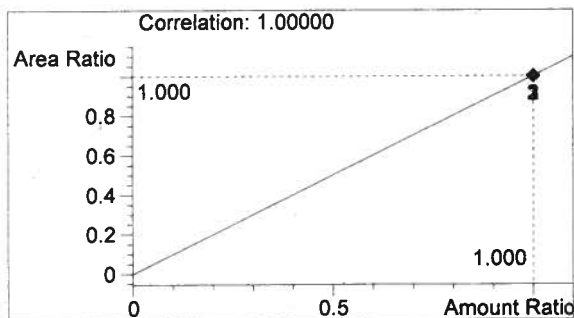
Inj. Date: 5/22/2014 5:30:40 PM      Sample Name: QAP 14018 #3  
 Instrument: HSGC#1      Operator: Andrew Gingras  
 Column: DB-ALC1      Location: Vial 19  
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1320	1.039
2	n-Propanol	2406	1.702



Ethanol      0.125 g/100mL



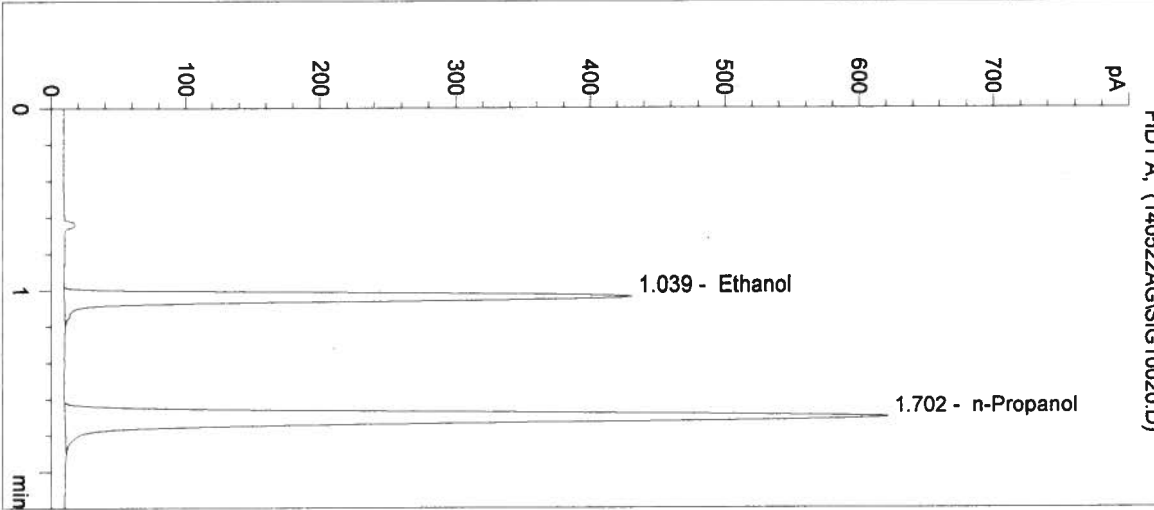
n-Propanol      0.012 g/100mL

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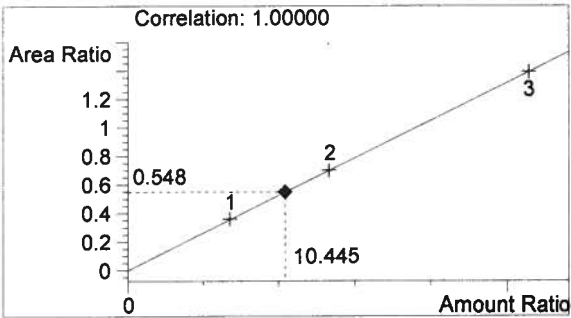
Inj. Date: 5/22/2014 5:33:45 PM  
Instrument: HSGC#1  
Column: DB-ALC1  
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: QAP 14018 #4  
Operator: Andrew Gingras  
Location: Vial 20

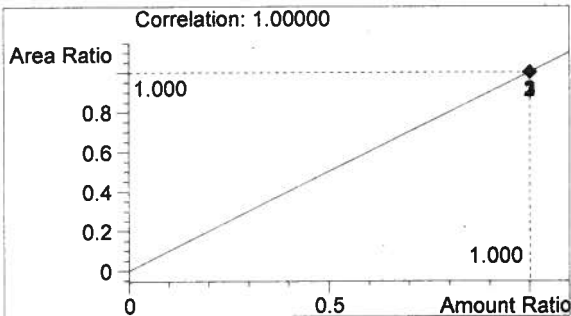
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1331	1.039
2	n-Propanol	2427	1.702



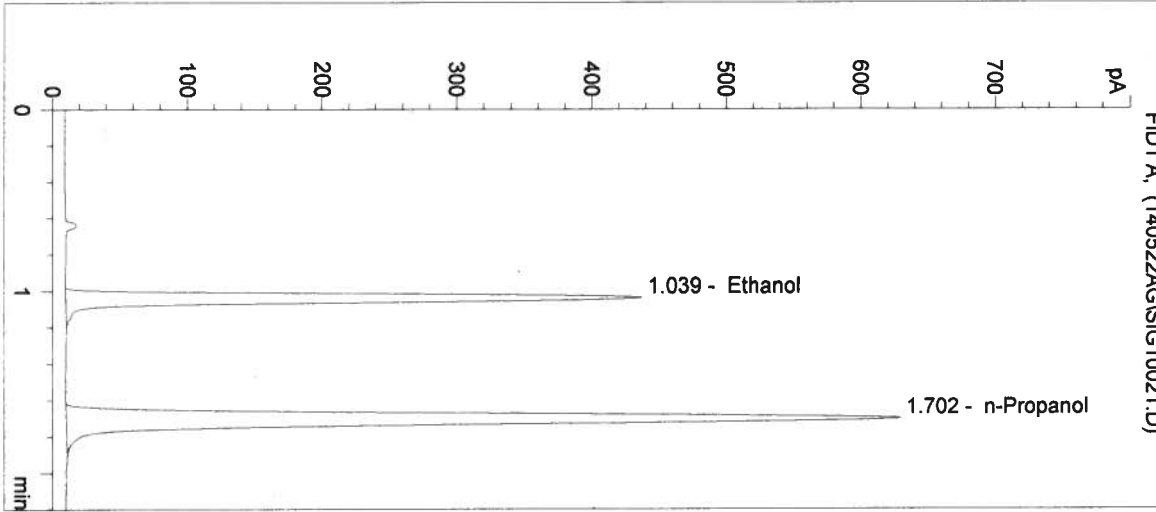
Ethanol 0.125 g/100mL



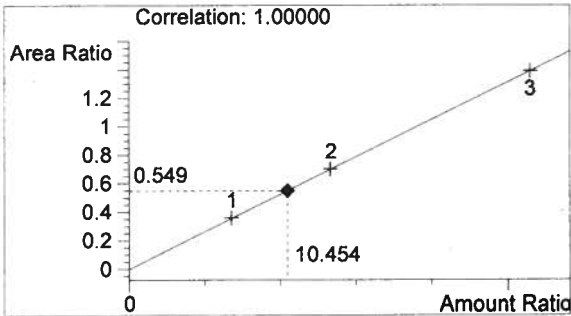
n-Propanol 0.012 g/100mL

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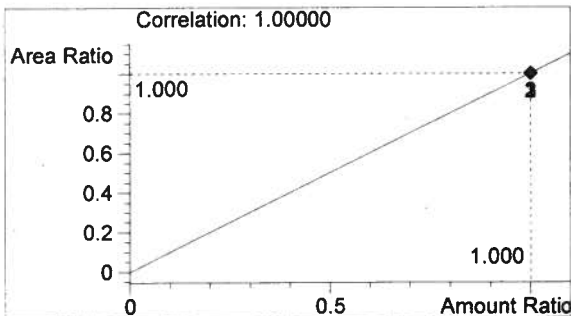
Inj. Date: 5/22/2014 5:36:50 PM      Sample Name: QAP 14018 #5  
 Instrument: HSGC#1      Operator: Andrew Gingras  
 Column: DB-ALC1      Location: Vial 21  
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1348	1.039
2	n-Propanol	2456	1.702



Ethanol      0.125 g/100mL



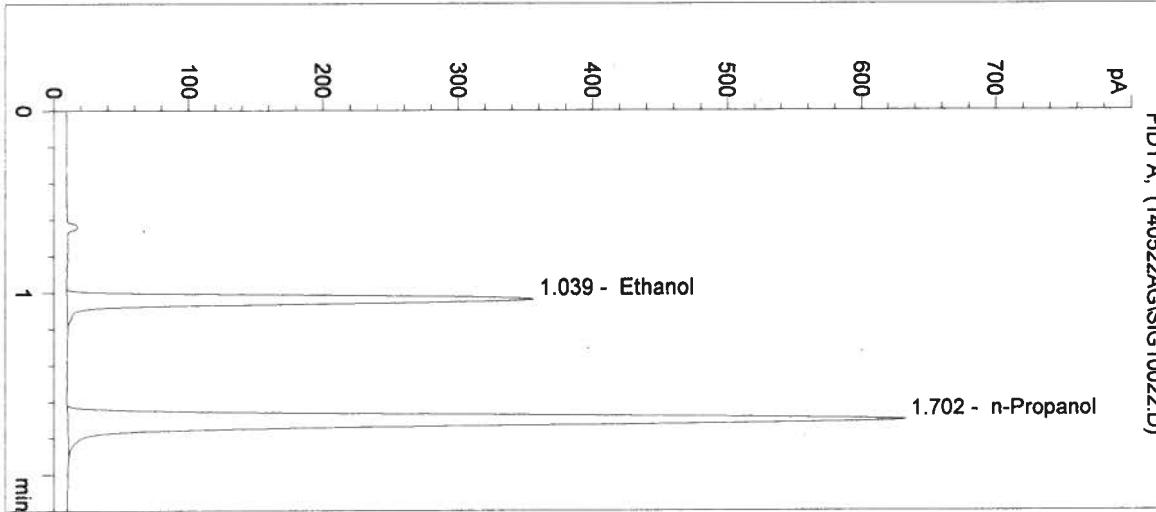
n-Propanol      0.012 g/100mL

*so*

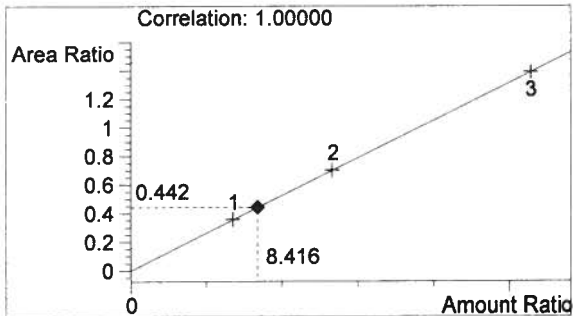


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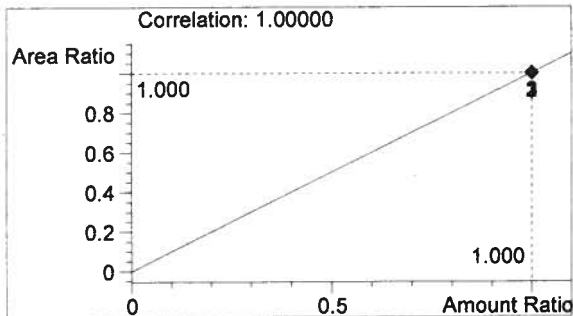
Inj. Date: 5/22/2014 5:39:54 PM      Sample Name: 0.10 CTRL  
 Instrument: HSGC#1      Operator: Andrew Gingras  
 Column: DB-ALC1      Location: Vial 22  
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1090	1.039
2	n-Propanol	2467	1.702



Ethanol      0.101 g/100mL

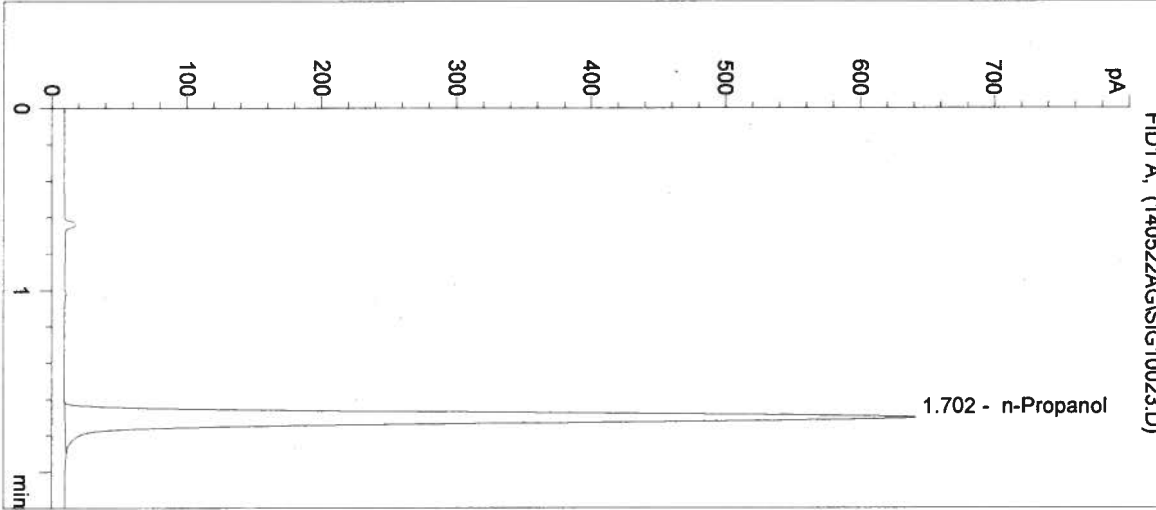


n-Propanol      0.012 g/100mL

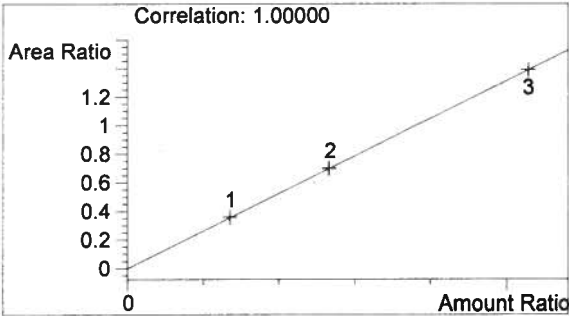
14018

*AG*

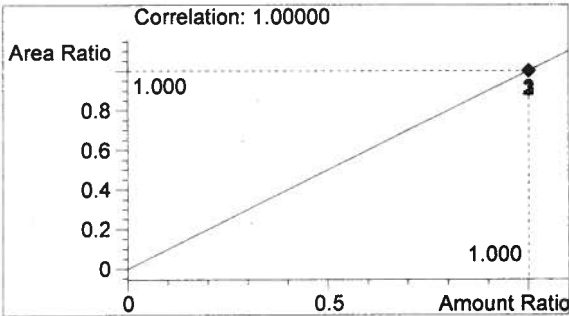
Inj. Date: 5/22/2014 5:42:59 PM      Sample Name: NEG CTRL  
Instrument: HSGC#1      Operator: Andrew Gingras  
Column: DB-ALC1      Location: Vial 23  
Method: C:\HPCHEM\1\METHODS\SIMALC1.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2505	1.702



Ethanol      0.000 g/100mL



n-Propanol      0.012 g/100mL

14018

Sequence Parameters:

Sequence : C:\CHEM32\1\SEQUENCE\KKQAP.S  
 Operator : Katie Knorr  
 Data File Naming : Auto  
 Data Directory : C:\Chem32\1\DATA\  
 Data Subdirectory : 140620KK  
 Part of Methods to run : According to Runtime Checklist  
 Barcode Reader : not used  
 Shutdown Cmd/Macro : none

Sequence Comment :

CAL 1: 0.079 g/100 mL - Lot: E0414-01 - exp: 10/15/14  
 CAL 2: 0.158 g/100 mL - Lot: E0414-02 - exp: 10/15/14  
 CAL 3: 0.316 g/100 mL - Lot: E0414-03 - exp: 10/15/14  
~~VOL CAL 1: 40 mg/dL - Lot: V0514-01 - exp: 9/20/14~~  
~~VOL CAL 2: 79 mg/dL - Lot: V0514-02 - exp: 9/20/14~~ DID NOT PERFORM VOLATILE TESTING  
 CTRL 1: 0.04 g/100 mL - Lot: FN05011301 - exp: 5/2018 KK 6/23/14  
 CTRL 2: 0.10 g/100 mL - Lot: FN08051301 - exp: 10/2018  
 CTRL 3: 0.20 g/100 mL - Lot: FN100511-01 - exp: 10/2016  
~~CTRL 4: 60 mg/dL - Lot: C0514 - exp: 9/20/2014~~  
 n-Propanol: Lot: P0514 - exp: 8/27/2014 KK 6/23/14

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
1	Vial 1	BLANK	SIMALC1	1	Sample	
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Calib	
3	Vial 3	CAL 2 (0.158)	SIMALC1	1	Calib	
4	Vial 4	CAL 3 (0.316)	SIMALC1	1	Calib	
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp	
6	Vial 6	CTRL 1 (0.04)	SIMALC1	1	Ctrl Samp	14017
7	Vial 7	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	14018
8	Vial 8	CTRL 3 (0.20)	SIMALC1	1	Ctrl Samp	
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp	KK

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
10	Vial 10	QAP 14017 #1	SIMALC1	1	Sample	
11	Vial 11	QAP 14017 #2	SIMALC1	1	Sample	
12	Vial 12	QAP 14017 #3	SIMALC1	1	Sample	
13	Vial 13	QAP 14017 #4	SIMALC1	1	Sample	
14	Vial 14	QAP 14017 #5	SIMALC1	1	Sample	
15	Vial 15	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp	
17	Vial 17	QAP 14018 #1	SIMALC1	1	Sample	
18	Vial 18	QAP 14018 #2	SIMALC1	1	Sample	
19	Vial 19	QAP 14018 #3	SIMALC1	1	Sample	
20	Vial 20	QAP 14018 #4	SIMALC1	1	Sample	
21	Vial 21	QAP 14018 #5	SIMALC1	1	Sample	
22	Vial 22	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp	

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

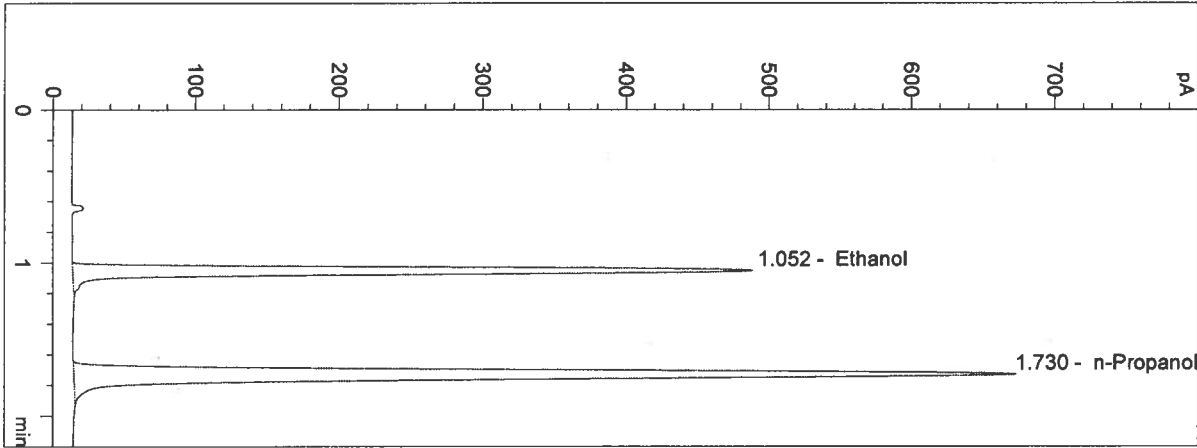
14017  
14018

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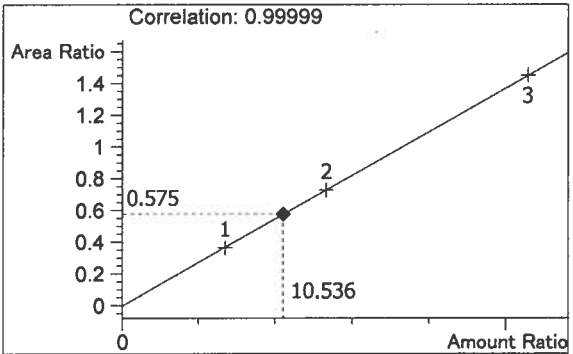
Washington State Patrol Toxicology Laboratory  
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/20/2014      4:12:35 PM      Sample Name: QAP 14018 #1  
 Instrument: HSGC 1      Operator: Katie Knorr  
 Column: DB-ALC1      Location: Vial 17  
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

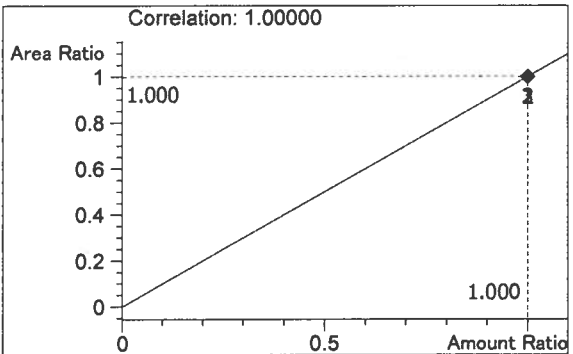
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1506	1.052
2	n-Propanol	2617	1.730



Ethanol      0.126 g/100mL



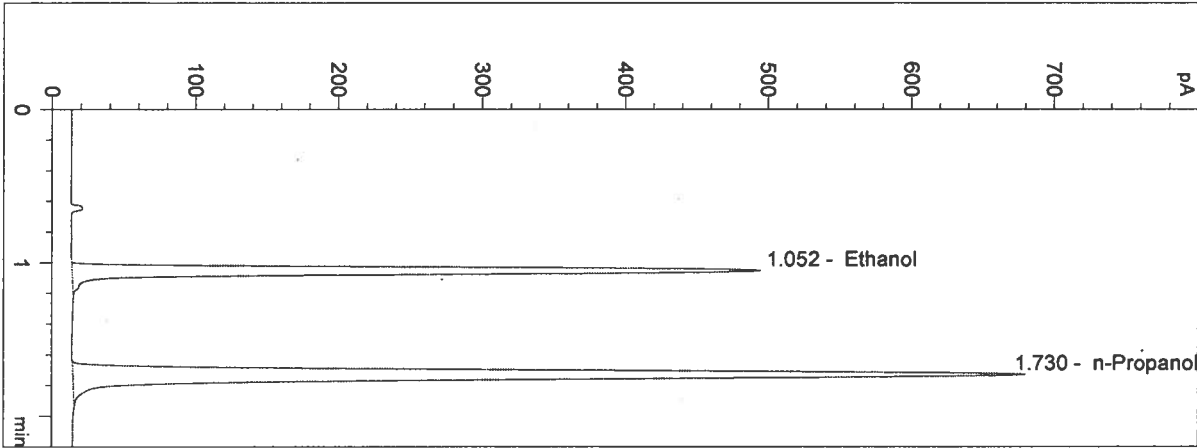
n-Propanol      0.012 g/100mL

KK

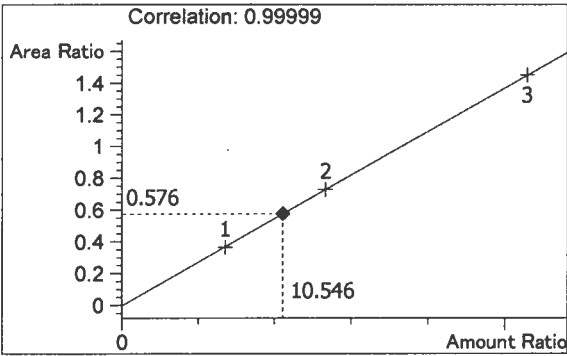
Washington State Patrol Toxicology Laboratory  
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/20/2014 4:15:48 PM Sample Name: QAP 14018 #2  
Instrument: HSGC 1 Operator: Katie Knorr  
Column: DB-ALC1 Location: Vial 18  
Method: C:\CHEM32\1\METHODS\SIMALC1.M

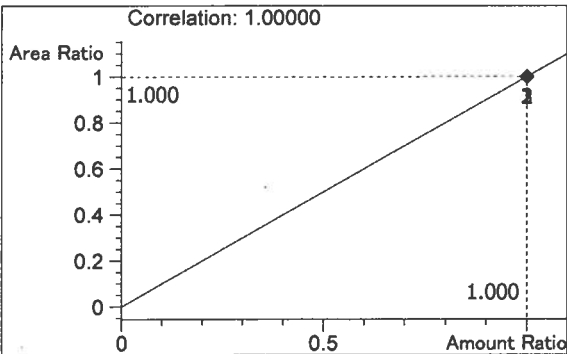
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1525	1.052
2	n-Propanol	2647	1.730



Ethanol 0.127 g/100mL



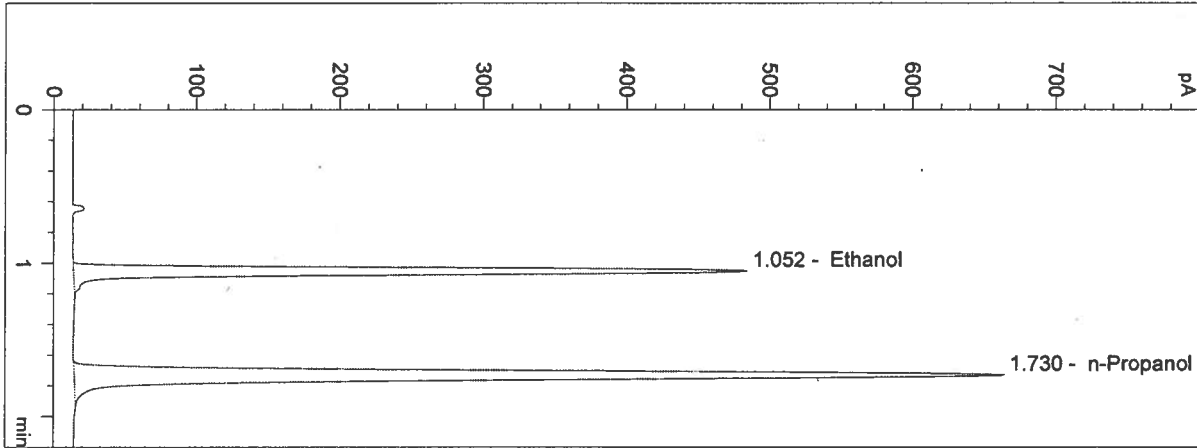
n-Propanol 0.012 g/100mL

KK

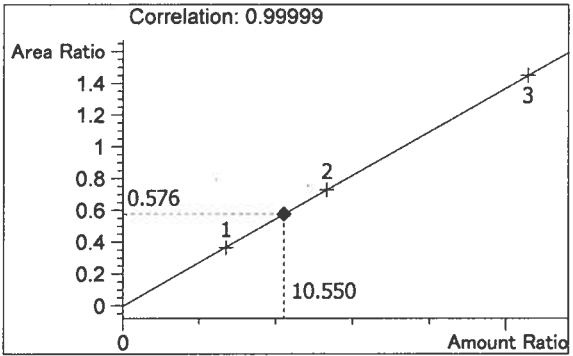
Washington State Patrol Toxicology Laboratory  
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/20/2014 4:19:03 PM Sample Name: QAP 14018 #3  
Instrument: HSGC 1 Operator: Katie Knorr  
Column: DB-ALC1 Location: Vial 19  
Method: C:\CHEM32\1\METHODS\SIMALC1.M

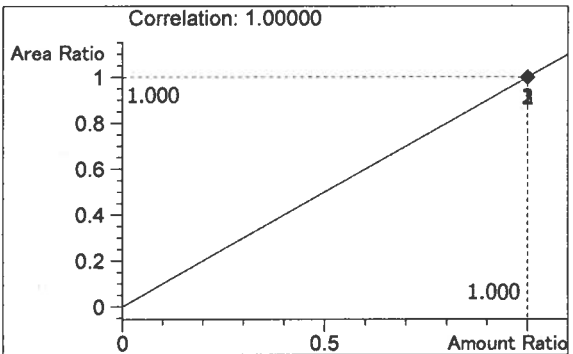
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1489	1.052
2	n-Propanol	2585	1.730



Ethanol 0.127 g/100mL



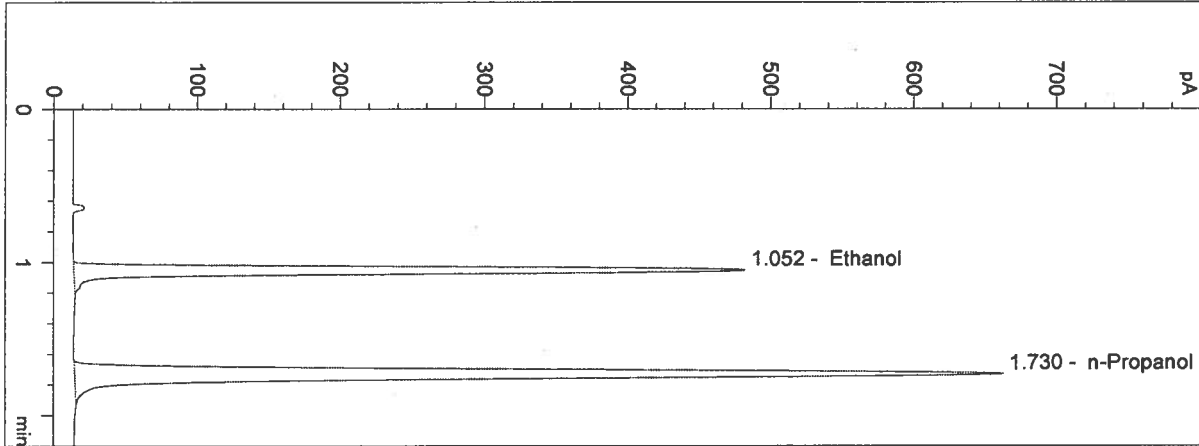
n-Propanol 0.012 g/100mL

KK

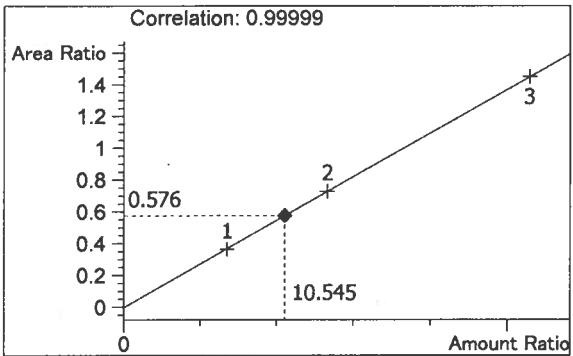
Washington State Patrol Toxicology Laboratory  
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/20/2014 4:22:17 PM Sample Name: QAP 14018 #4  
Instrument: HSGC 1 Operator: Katie Knorr  
Column: DB-ALC1 Location: Vial 20  
Method: C:\CHEM32\1\METHODS\SIMALC1.M

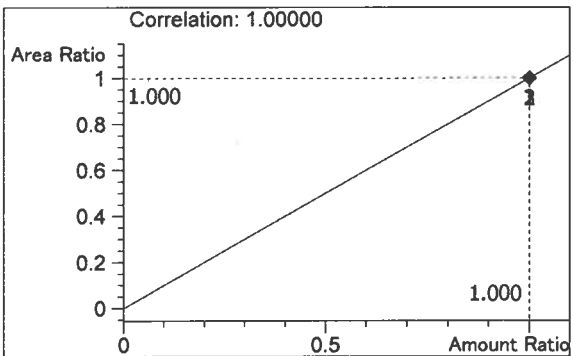
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1486	1.052
2	n-Propanol	2581	1.730



Ethanol 0.127 g/100mL



n-Propanol 0.012 g/100mL

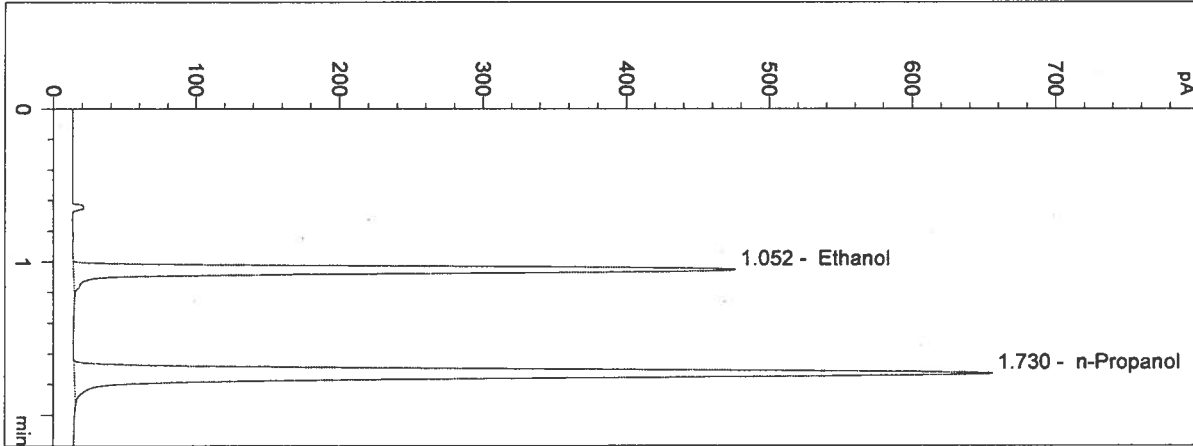
KK



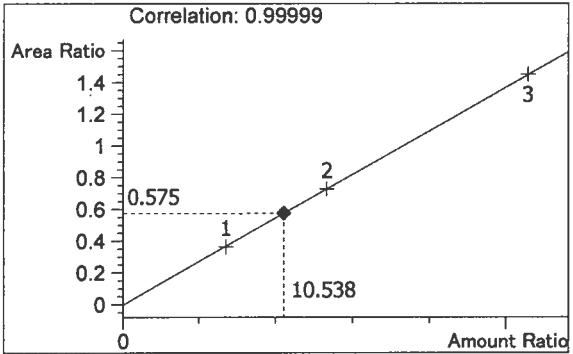
Washington State Patrol Toxicology Laboratory  
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/20/2014 4:25:30 PM Sample Name: QAP 14018 #5  
Instrument: HSGC 1 Operator: Katie Knorr  
Column: DB-ALC1 Location: Vial 21  
Method: C:\CHEM32\1\METHODS\SIMALC1.M

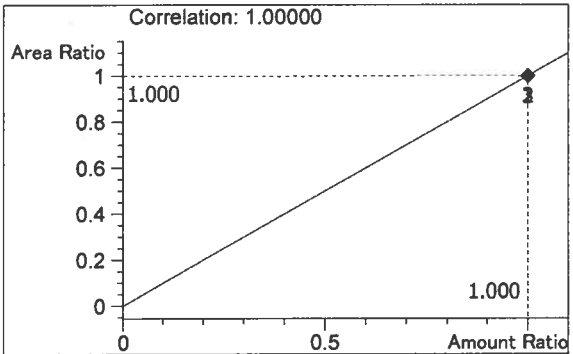
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1466	1.052
2	n-Propanol	2548	1.730



Ethanol 0.126 g/100mL



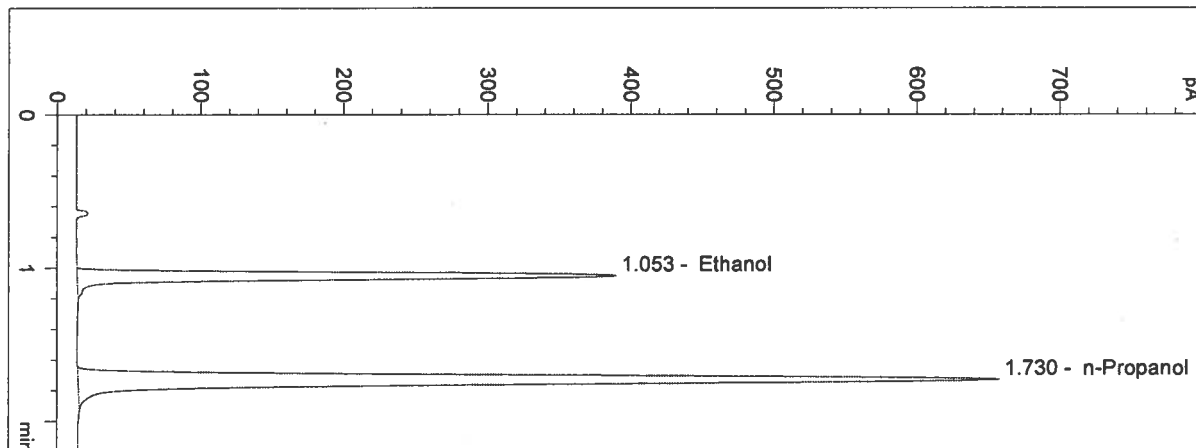
n-Propanol 0.012 g/100mL

KK

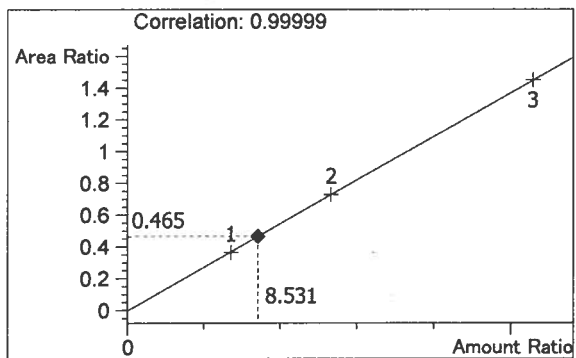
Washington State Patrol Toxicology Laboratory  
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/20/2014 4:28:44 PM Sample Name: CTRL 2 (0.10)  
 Instrument: HSGC 1 Operator: Katie Knorr  
 Column: DB-ALC1 Location: Vial 22  
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

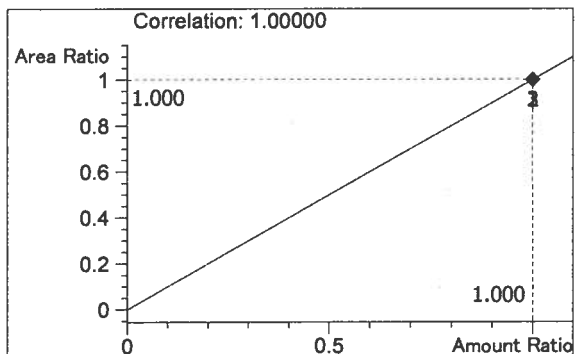
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1191	1.053
2	n-Propanol	2559	1.730



Ethanol 0.102 g/100mL



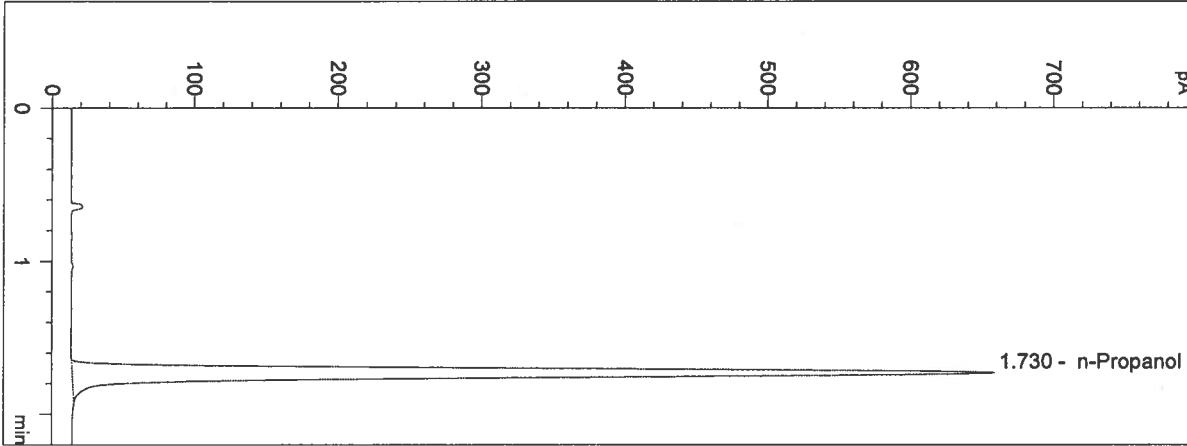
n-Propanol 0.012 g/100mL

14018

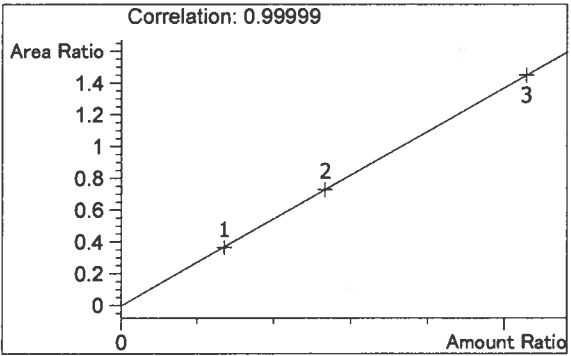
KK

Inj. Date: 6/20/2014 4:31:56 PM Sample Name: NEG CTRL  
Instrument: HSGC 1 Operator: Katie Knorr  
Column: DB-ALC1 Location: Vial 23  
Method: C:\CHEM32\1\METHODS\SIMALC1.M

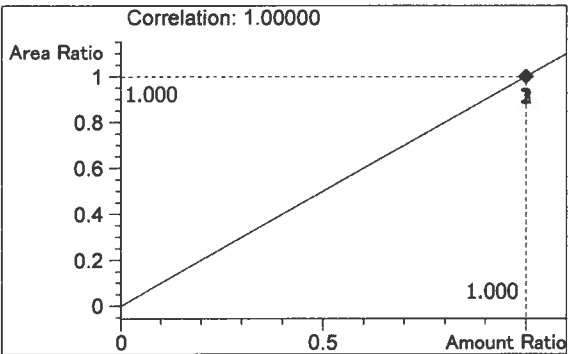
Sample Info:



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



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14018

KK