



**QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT**

**BATCH REPORT: 14038**

**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: 0.15 g/210L  
DATE PREPARED: 09/17/2014  
BATCH UNITS: g/100mL

IDENTITY: QAP Solution  
PREPARED BY: Lyndsey Lowe

	LL	KK	CSJ
1	0.190	0.188	0.190
2	0.190	0.188	0.191
3	0.190	0.190	0.191
4	0.190	0.190	0.189
5	0.190	0.188	0.191
C	0.102	0.103	0.102

**ETHANOL CONTROL INFORMATION**

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

**RESULTS OF TESTING**

AVERAGE SOLUTION CONCENTRATION: 0.1897 g/100mL PRECISION CV (%): 0.54  
STANDARD DEVIATION: 0.00103 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.1543 g/210L**  
EXPANDED UNCERTAINTY: ± 0.0034 (k=2, 95.45% confidence interval)

**WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION**

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

10/9/14  
DATE REPORT ISSUED

*Signature and date added on 6/18/15. See correspondence log. fn 6/18/15*

ANALYST	NAME	THIS TESTING WAS PERFORMED BY:		DATE TESTED
		SIGNATURE		
LL	Lyndsey Lowe	<i>Lyndsey Lowe</i>		09/17/2014
KK	Katie Knorr	<i>Katie Knorr</i>		09/19/2014
CSJ	Christopher S. Johnston	<i>Ch Johnston</i>		09/23/2014

This report applies only to the item being tested and shall not be reproduced except in full, without the written approval of the WSP Toxicology Laboratory Division. Page 1 of 1

## Telephone Correspondence Log

ST QAP solution 14038

Date/Time	Caller Information	Staff
6/18/15 2pm	Trooper Cam Birman, Breath Technician	LN
<p>Trooper Birman called me to let know that upon review of a QAP that he had done, it was discovered by another technician that the Quality Assurance Procedure Solution Test Report for batch 14038 had not been signed. I pulled the file to verify, and saw that they were correct; I had neglected to sign and date the test report prior to release of the solutions. The remaining solutions that were part of this same set of QAP solutions (14036, 14037 and 14039) were all reviewed at the same time, and I had signed those reports with the date of 10/9/2014. All data for batch 14038 had been reviewed prior to release and met criteria. The solution was intended to be released on 10/9/2014 with the remaining batches in the set, I had simply forgotten to sign the report. I will be signing the report with 10/9/2014 and adding a comment to indicate that the signature and date were added today, 6/18/2015. I will upload the new copy of the test report, along with this correspondence log, to the WebDMS portal. I will also email a copy of the new sheet and this log to all technicians.</p> <p style="text-align: right;"><i>fn 6/18/15</i></p>		

Date/Time	Caller Information	Staff
<p>...solutions that were part of</p>		

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

QAP Solution Batch #: 14038

Date Prepared: 9/17/2014

Analyst:	LL	KK	CSJ
Date Tested:	9/17/2014	9/19/2014	9/23/2014
Instrument:	HSGC #3	HSGC #3	HSGC #3
1	0.190	0.188	0.190
2	0.190	0.188	0.191
3	0.190	0.190	0.191
4	0.190	0.190	0.189
5	0.190	0.188	0.191
C	0.102	0.103	0.102

$CV^2_{COA}$	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000019754	0.0000106102	0.0001016326

Ethanol Control Lot #: FN08051301

Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1897 g/100mL  
 Standard Deviation: 0.00103 g/100mL  
 Precision CV (%): 0.54  
 Equivalent Vapor Concentration: 0.1543 g/210L  
 Combined Standard Uncertainty ( $\pm$ ): 0.0017 g/210L  
 Expanded Uncertainty ( $\pm$ ): 0.0034 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble [Signature] 10/3/14  
 Name Signature Date

Calculations verified by: Amanda H. Black [Signature] 10-8-2014  
 Name Signature Date

Method: Hand calculation

Tech. review performed by: Lisa Noble [Signature] 10/3/14  
 Name Signature Date


[Signature]

**SIMULATOR SOLUTION DATA ENTRY REVIEW**

Reviewer/s: Amanda M. Black Date: 10-8-2014  
 Location: WSP-FLSB Seattle, WA Solution Batch Number: 14038

	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: Stamped unique identifier (SIM Batch #) applied to documents at time of technical review, performed by Lisa Noble on 10-3-14. Date of stamped ID added, along with initials and date of 10-7-14 or 10-8-14 by Lisa Noble. Initials/date added to Lyndsey Lowe's sequence table (pg. 2) and calibration table pages on 10-8-14, 10-8-14

Reviewer Signature:  Date: 10-8-2014  
 Reviewer Signature: N/A 08 10-8-14 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
Amanda Chandler		
Andrew Gingras		
Asa Louis		
Brittany Ball		
Christie Mitchell-Mata		
Christopher Johnston	CRJ	10/3/14
Dawn Sklerov		
Justin Knoy		
Katie Knorr	KK	10/3/14
Lyndsey Lowe	L	10.3.14
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 14038

*for*



JAY INSLEE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
WASHINGTON STATE PATROL  
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION  
CERTIFICATION FOR LOT 14038**

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

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

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

The quality assurance procedure (QAP) solution, Lot Number 14038, was prepared in the Washington State Toxicology Laboratory on 9/17/2014. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 9/17/2015.

Seattle, WA

*Katie Knorr* 10/3/14

Katie Knorr

Date

Forensic Toxicologist



JAY INSLEE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
WASHINGTON STATE PATROL  
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION  
CERTIFICATION FOR LOT 14038**


I, Christopher S. Johnston, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biochemistry.

The quality assurance procedure (QAP) solution, Lot Number 14038, was prepared in the Washington State Toxicology Laboratory on 9/17/2014. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 9/17/2015.

Seattle, WA

  
\_\_\_\_\_  
Christopher S. Johnston                      10-3-2014  
Forensic Toxicologist                      Date





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

Preparation Date: 9.17.14 Initials of Preparer: U  
 Expiration Date: 9.17.15  
 Lot # of 200-proof Ethanol used in preparation: 2CK0002  
 Date the 200-proof Ethanol bottle was opened: 8.29.14

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>14036</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>14037</u>
QAP 0.10	28.1	18	<input type="checkbox"/>	<u>          </u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>14038</u>
QAP 0.20	56.1	18	<input checked="" type="checkbox"/>	<u>14039</u>
ESS	66.5	52	<input type="checkbox"/>	<u>          </u>
		Stir bar is rotating	<input checked="" type="checkbox"/>	
		Stirred for minimum 30 minutes; 2 hours for ESS	<input checked="" type="checkbox"/>	
		Spigot purged	<input checked="" type="checkbox"/>	
		Aliquot taken	<input checked="" type="checkbox"/>	
		Batch labeled, packaged and sealed	<input checked="" type="checkbox"/>	<u>9.17.14</u> 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:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

[Signature]  
 Analyst Signature

9.17.14 for  
 Date

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: 140917LL  
 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#E0814-01 - Exp 2/19/15  
 Cal 2 (0.158 g/100mL) - Lot#E0814-02 - Exp 2/19/15  
 Cal 3 (0.316 g/100mL) - Lot#E0814-03 - Exp 2/19/15  
  
 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#FN03211401 - Exp 06/2019  
  
 n-Propanol ISTD - Lot# P0814 - Exp 10/30/14

14036

14037

14038

14039

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 Control	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 Control	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 Control	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 Control	SIMALC3	1	Ctrl Samp		
9	Vial 9	Neg Control	SIMALC3	1	Ctrl Samp		
10	Vial 10	14036 0.04 #1	SIMALC3	1	Sample		
11	Vial 11	14036 0.04 #2	SIMALC3	1	Sample		
12	Vial 12	14036 0.04 #3	SIMALC3	1	Sample		
13	Vial 13	14036 0.04 #4	SIMALC3	1	Sample		
14	Vial 14	14036 0.04 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 Control	SIMALC3	1	Ctrl Samp		
16	Vial 16	Neg Control	SIMALC3	1	Ctrl Samp		
17	Vial 17	14037 0.08 #1	SIMALC3	1	Sample		
18	Vial 18	14037 0.08 #2	SIMALC3	1	Sample		
19	Vial 19	14037 0.08 #3	SIMALC3	1	Sample		
20	Vial 20	14037 0.08 #4	SIMALC3	1	Sample		
21	Vial 21	14037 0.08 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 Control	SIMALC3	1	Ctrl Samp		
23	Vial 23	Neg Control	SIMALC3	1	Ctrl Samp		
24	Vial 24	14038 0.15 #1	SIMALC3	1	Sample		
25	Vial 25	14038 0.15 #2	SIMALC3	1	Sample		
26	Vial 26	14038 0.15 #3	SIMALC3	1	Sample		

*Stamped  
10/3/14  
10/17/14*

*u  
h*

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	14038 0.15 #4	SIMALC3	1	Sample		
28	Vial 28	14038 0.15 #5	SIMALC3	1	Sample		
29	Vial 29	0.10 Control	SIMALC3	1	Ctrl Samp		
30	Vial 30	Neg Control	SIMALC3	1	Ctrl Samp		
31	Vial 31	14039 0.20 #1	SIMALC3	1	Sample		
32	Vial 32	14039 0.20 #2	SIMALC3	1	Sample		
33	Vial 33	14039 0.20 #2*	SIMALC3	1	Sample		
34	Vial 34	14039 0.20 #2*	SIMALC3	1	Sample		
35	Vial 35	14039 0.20 #2*	SIMALC3	1	Sample		
36	Vial 36	0.10 Control	SIMALC3	1	Ctrl Samp		
37	Vial 37	Neg Control	SIMALC3	1	Ctrl Samp		

\* 0.08 Carboy aliquoted on accident instead of 0.20; see data from 140917L2

\* Analyst mis-labeled 3rd, 4th, and 5th aliquots on sequence. Data not used anyway due to incorrect carboy being aliquoted.

uq. 17.14

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 Table (Back Injector):

No entries - empty table!

14036

14037

14038

14039

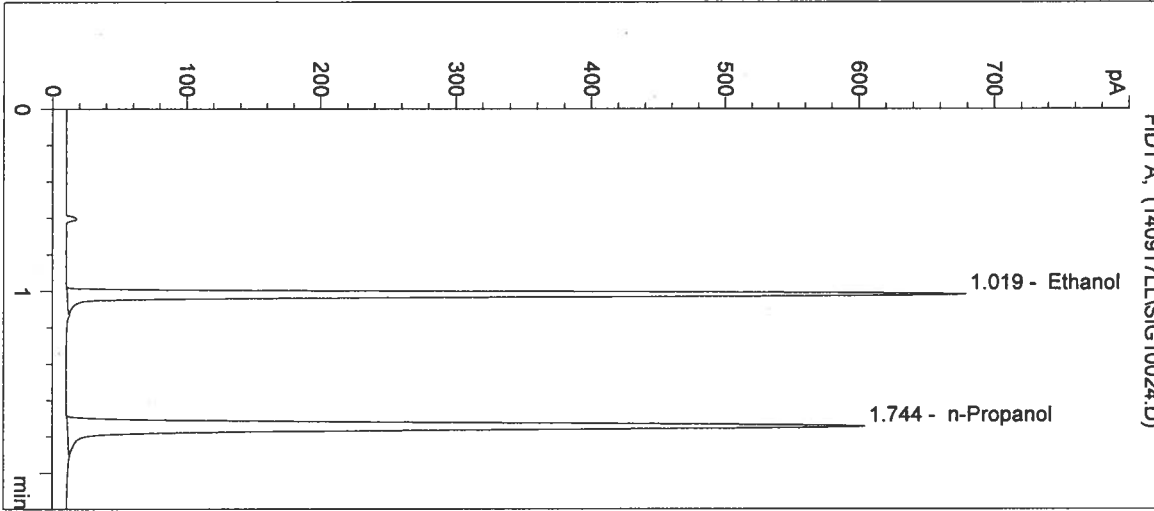
Stamped  
10/3/14  
for 10/7/14

140917L2 uq. 10.8.14

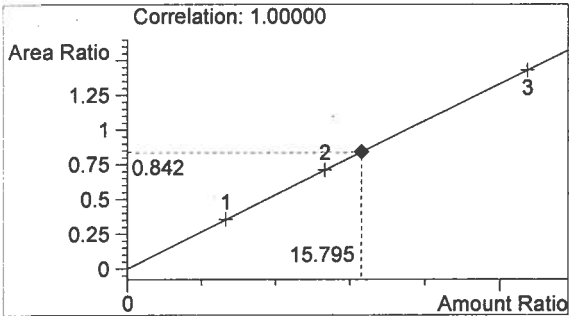
u  
u

Inj. Date: 9/17/2014 11:59:24 AM  
Instrument: HSGC#3  
Column: DB-ALC2  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info:

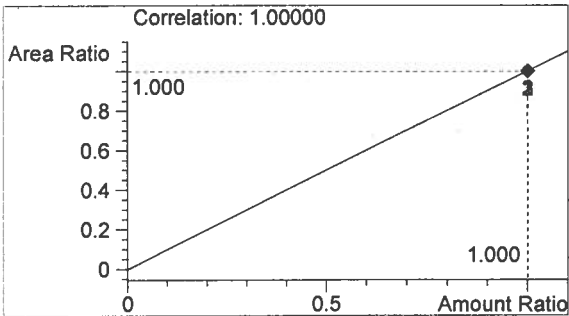
Sample Name: 14038 0.15 #1  
Operator: Lyndsey Lowe  
Location: Vial 24



#	Compound	Peak Area	RT (min)
1	Ethanol	1340	1.019
2	n-Propanol	1592	1.744



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

*u*  
*z*

Inj. Date: 9/17/2014 12:02:38 PM

Sample Name: 14038 0.15 #2

Instrument: HSGC#3

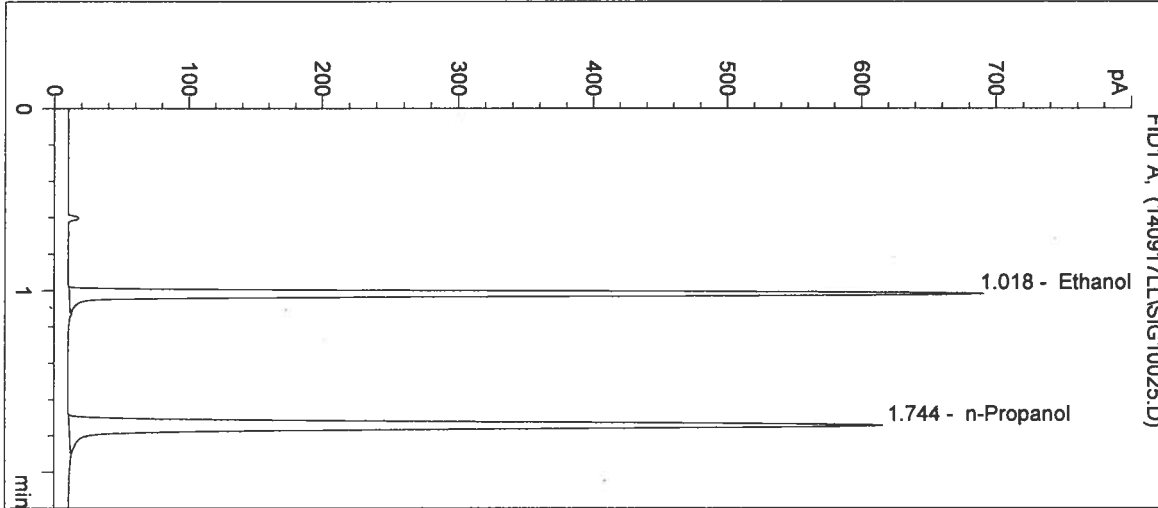
Operator: Lyndsey Lowe

Column: DB-ALC2

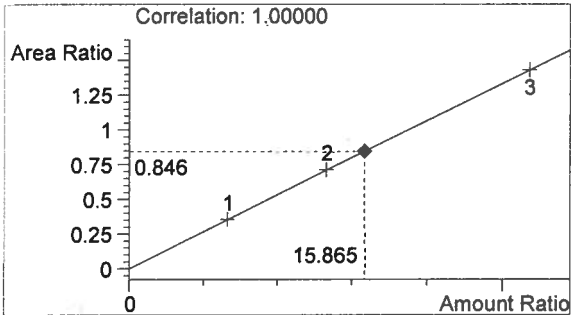
Location: Vial 25

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

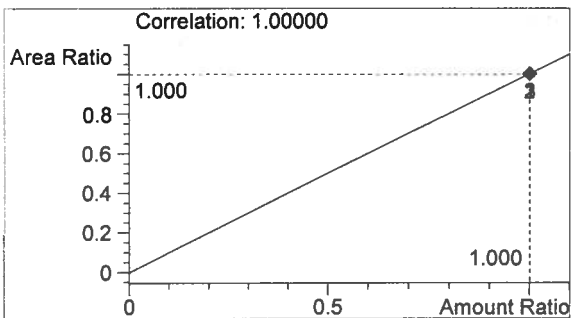
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1374	1.018
2	n-Propanol	1625	1.744



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

*W*  
*h*

Inj. Date: 9/17/2014 12:05:52 PM

Sample Name: 14038 0.15 #3

Instrument: HSGC#3

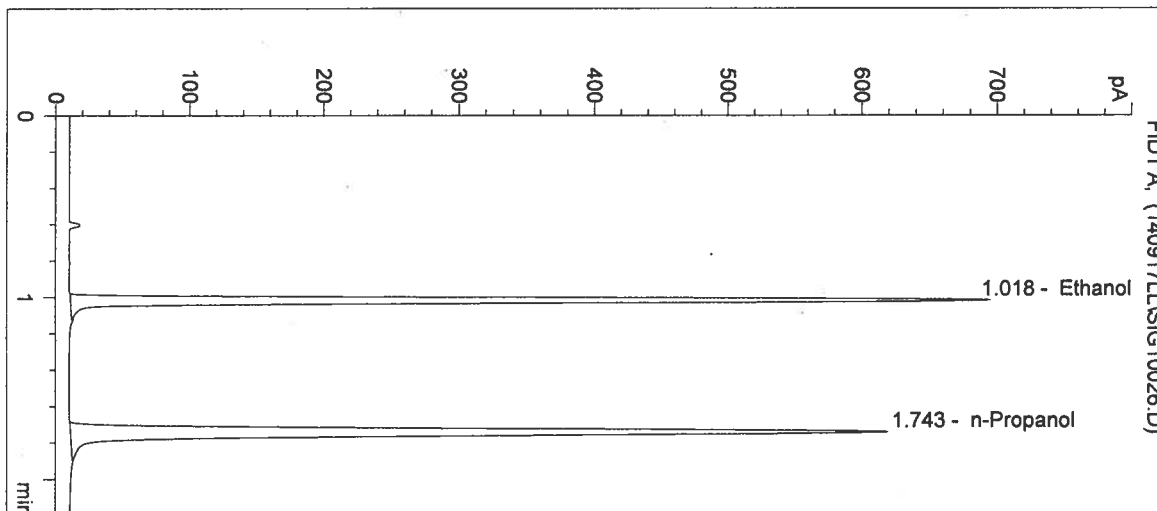
Operator: Lyndsey Lowe

Column: DB-ALC2

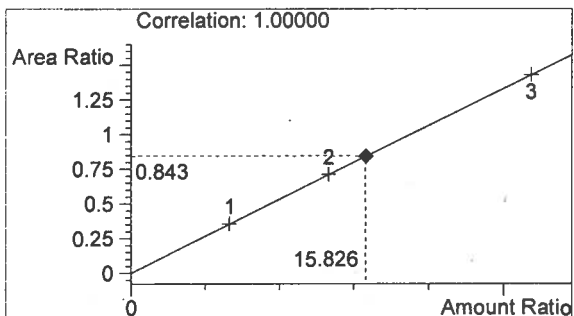
Location: Vial 26

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

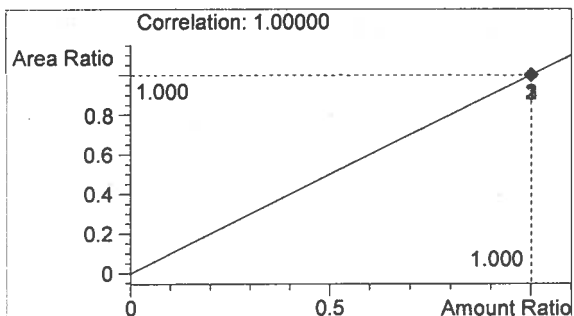
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1376	1.018
2	n-Propanol	1631	1.743



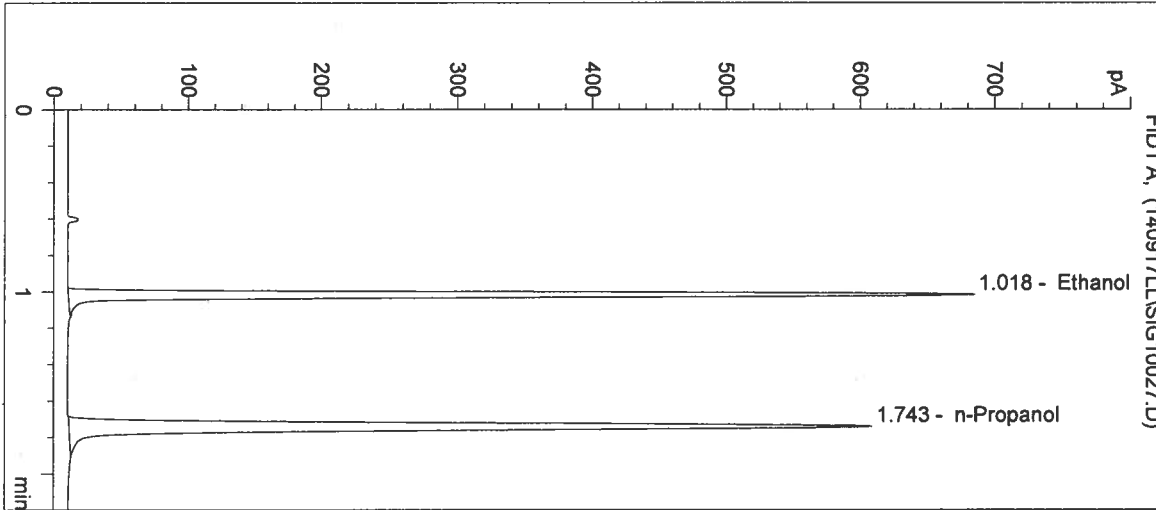
Ethanol 0.190 g/100mL



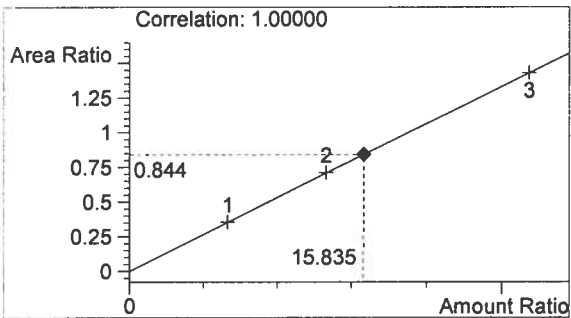
n-Propanol 0.012 g/100mL

*W*  
*h*

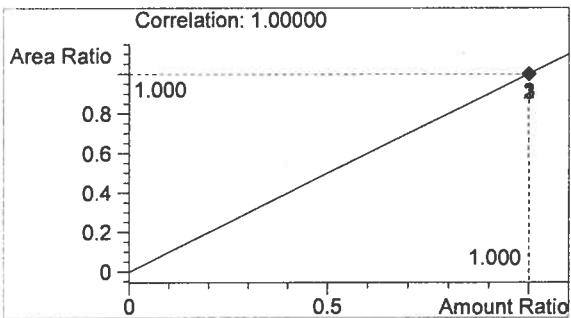
Inj. Date: 9/17/2014 12:09:05 PM      Sample Name: 14038 0.15 #4  
Instrument: HSGC#3      Operator: Lyndsey Lowe  
Column: DB-ALC2      Location: Vial 27  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1355	1.018
2	n-Propanol	1606	1.743



Ethanol      0.190 g/100mL

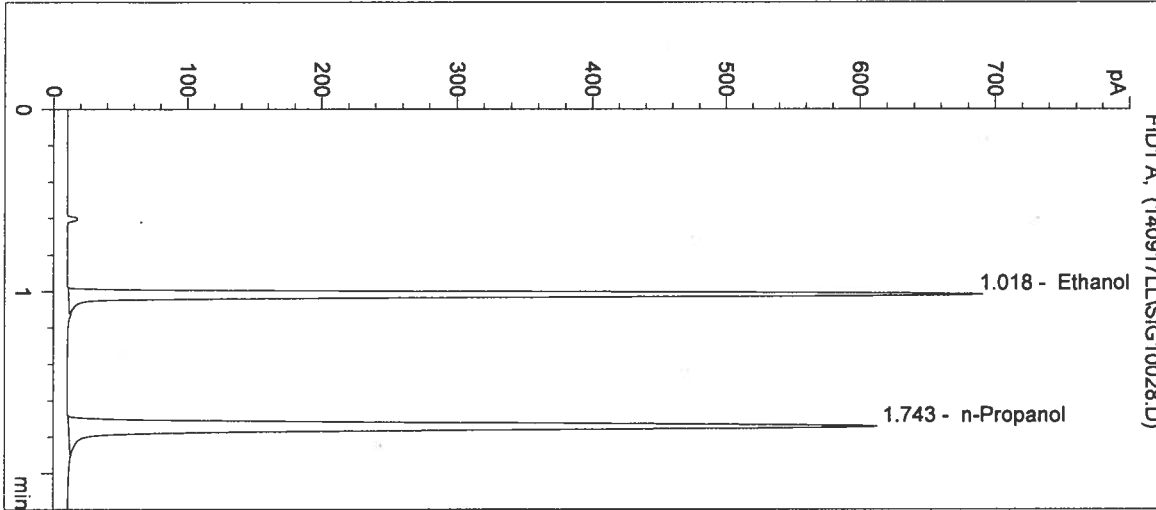


n-Propanol      0.012 g/100mL

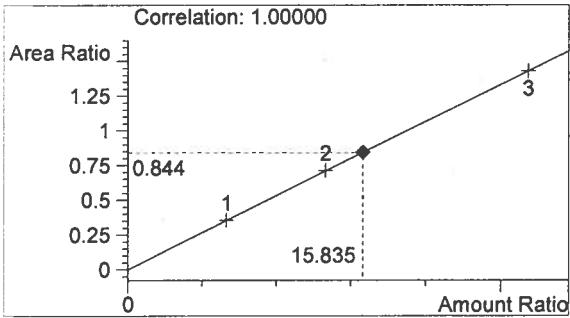
*Handwritten signature/initials*

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

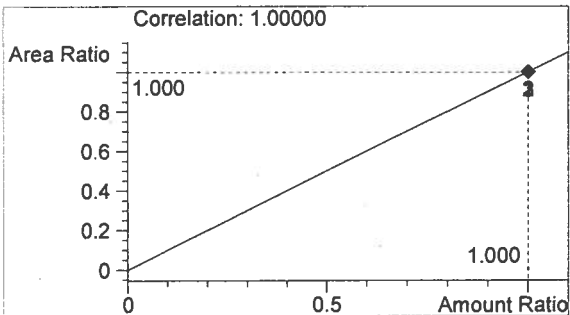
Inj. Date: 9/17/2014 12:12:18 PM      Sample Name: 14038 0.15 #5  
 Instrument: HSGC#3      Operator: Lyndsey Lowe  
 Column: DB-ALC2      Location: Vial 28  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1363	1.018
2	n-Propanol	1615	1.743



Ethanol      0.190 g/100mL



n-Propanol      0.012 g/100mL

*W*  
*h*



Inj. Date: 9/17/2014 12:15:32 PM

Sample Name: 0.10 Control

Instrument: HSGC#3

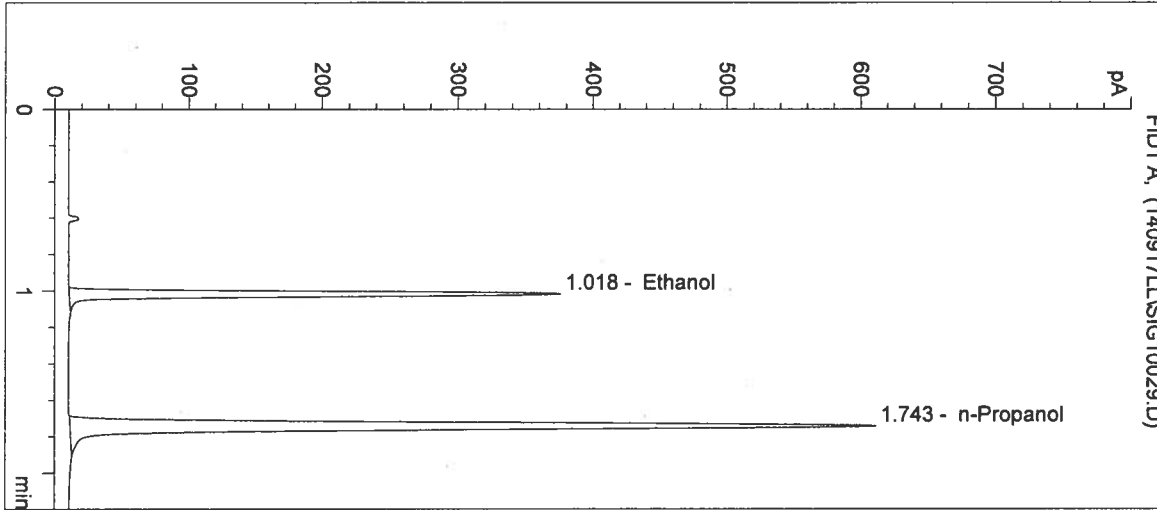
Operator: Lyndsey Lowe

Column: DB-ALC2

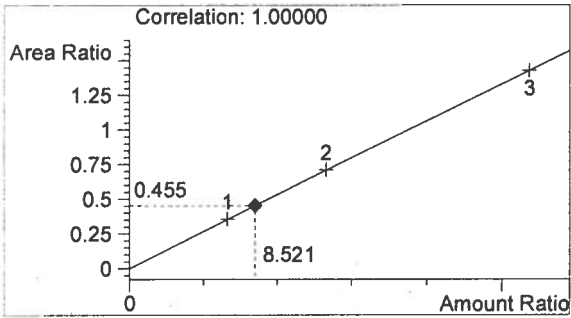
Location: Vial 29

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

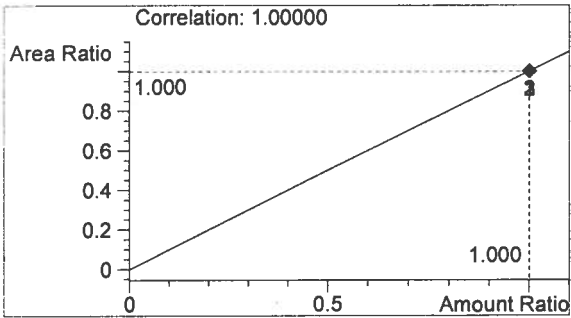
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	732	1.018
2	n-Propanol	1610	1.743



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

14038

Stamped

10/3/14

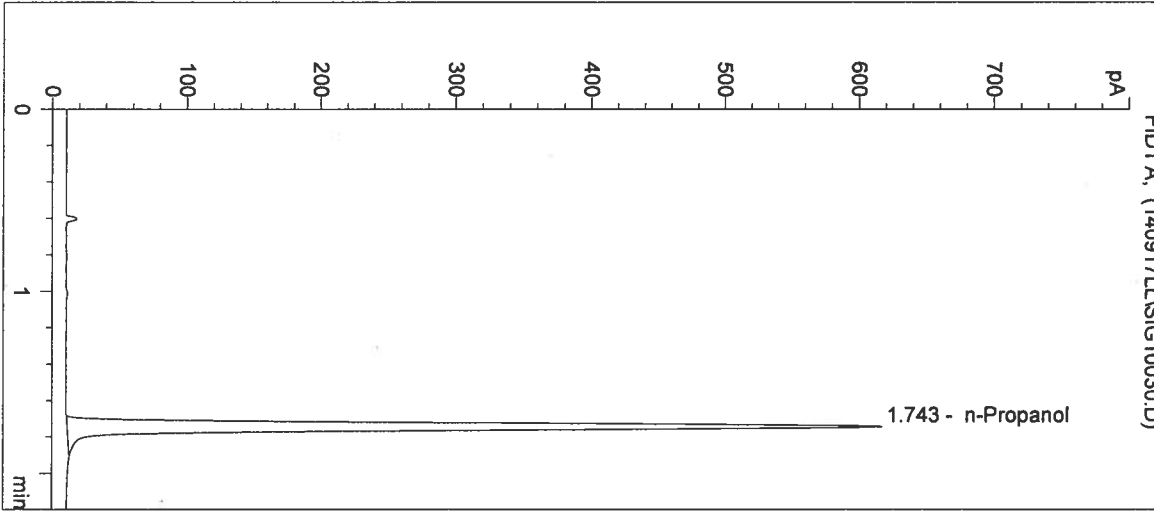
In 10/8/14

*Handwritten initials*

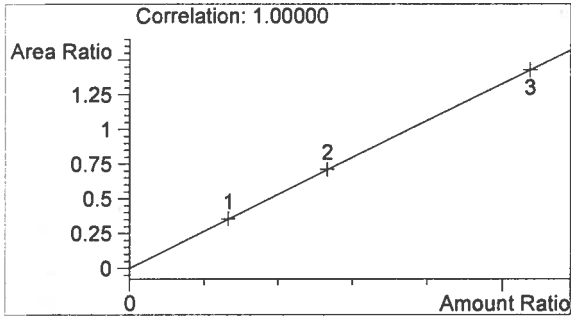
Inj. Date: 9/17/2014 12:18:45 PM  
Instrument: HSGC#3  
Column: DB-ALC2  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Name: Neg Control  
Operator: Lyndsey Lowe  
Location: Vial 30

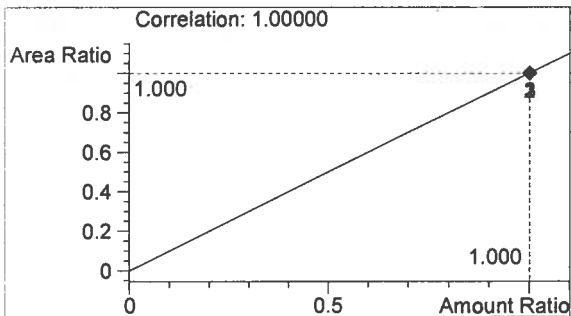
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1632	1.743



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14038  
stamped  
10/3/14  
to 10/8/14

Sequence Parameters:

Operator: Katie Knorr  
 Data File Naming: Prefix/Counter  
 Signal 1 Prefix: SIG1  
 Counter: 0001  
 Signal 2 Prefix: SIG2  
 Counter: 0001  
 Data Directory: C:\HPCHEM\2\DATA\  
 Data Subdirectory: 140919K1  
 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#E0814-01 - Exp 2/19/15  
 Cal 2 (0.158 g/100mL) - Lot#E0814-02 - Exp 2/19/15  
 Cal 3 (0.316 g/100mL) - Lot#E0814-03 - Exp 2/19/15  
  
 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#FN03211401 - Exp 06/2019  
  
 n-Propanol ISTD - Lot# P0814 - Exp 10/30/14

1 4 0 3 6

1 4 0 3 7

1 4 0 3 8

1 4 0 3 9

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 Control	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 Control	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 Control	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 Control	SIMALC3	1	Ctrl Samp		
9	Vial 9	Neg Control	SIMALC3	1	Ctrl Samp		
10	Vial 10	14036-1	SIMALC3	1	Sample		
11	Vial 11	14036-2	SIMALC3	1	Sample		
12	Vial 12	14036-3	SIMALC3	1	Sample		
13	Vial 13	14036-4	SIMALC3	1	Sample		
14	Vial 14	14036-5	SIMALC3	1	Sample		
15	Vial 15	0.10 Control	SIMALC3	1	Ctrl Samp		
16	Vial 16	Neg Control	SIMALC3	1	Ctrl Samp		
17	Vial 17	14037-1	SIMALC3	1	Sample		
18	Vial 18	14037-2	SIMALC3	1	Sample		
19	Vial 19	14037-3	SIMALC3	1	Sample		
20	Vial 20	14037-4	SIMALC3	1	Sample		
21	Vial 21	14037-5	SIMALC3	1	Sample		
22	Vial 22	0.10 Control	SIMALC3	1	Ctrl Samp		
23	Vial 23	Neg Control	SIMALC3	1	Ctrl Samp		
24	Vial 24	14038-1	SIMALC3	1	Sample		
25	Vial 25	14038-2	SIMALC3	1	Sample		
26	Vial 26	14038-3	SIMALC3	1	Sample		

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Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	14038-4	SIMALC3	1	Sample		
28	Vial 28	14038-5	SIMALC3	1	Sample		
29	Vial 29	0.10 Control	SIMALC3	1	Ctrl Samp		
30	Vial 30	Neg Control	SIMALC3	1	Ctrl Samp		
31	Vial 31	14039-1	SIMALC3	1	Sample		
32	Vial 32	14039-2	SIMALC3	1	Sample		
33	Vial 33	14039-3	SIMALC3	1	Sample		
34	Vial 34	14039-4	SIMALC3	1	Sample		
35	Vial 35	14039-5	SIMALC3	1	Sample		
36	Vial 36	0.10 Control	SIMALC3	1	Ctrl Samp		
37	Vial 37	Neg Control	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 Table (Back Injector):

No entries - empty table!

1 4 0 3 6

1 4 0 3 7

1 4 0 3 8

1 4 0 3 9

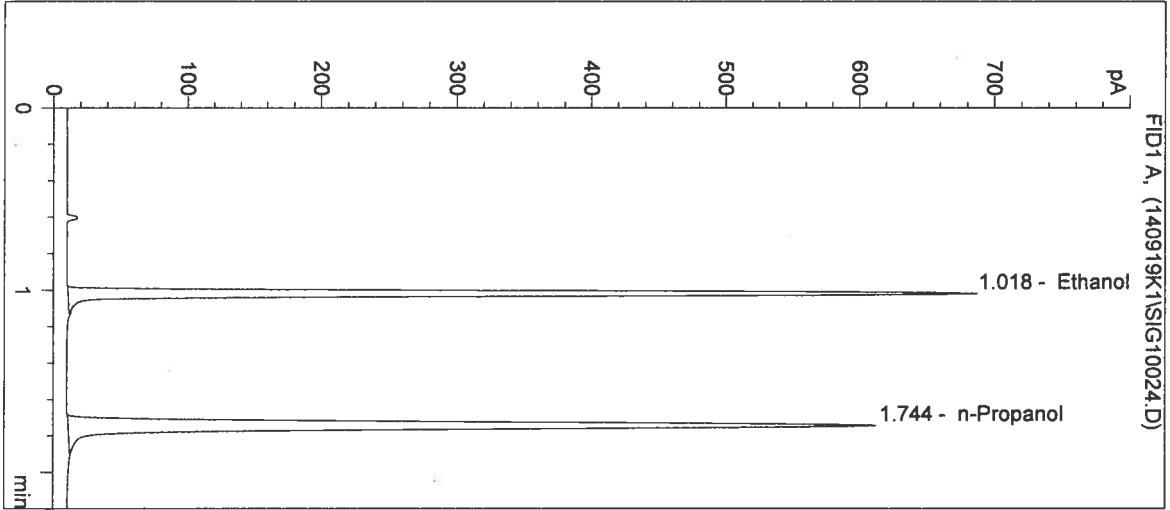
*Stamped  
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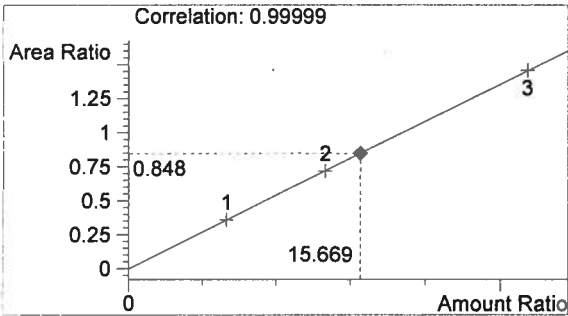
*KK*

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

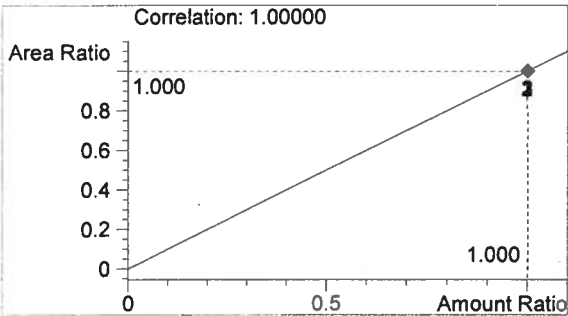
Inj. Date: 9/19/2014 12:42:22 PM      Sample Name: 14038-1  
 Instrument: HSGC#3      Operator: Katie Knorr  
 Column: DB-ALC2      Location: Vial 24  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1366	1.018
2	n-Propanol	1610	1.744



Ethanol      0.188 g/100mL



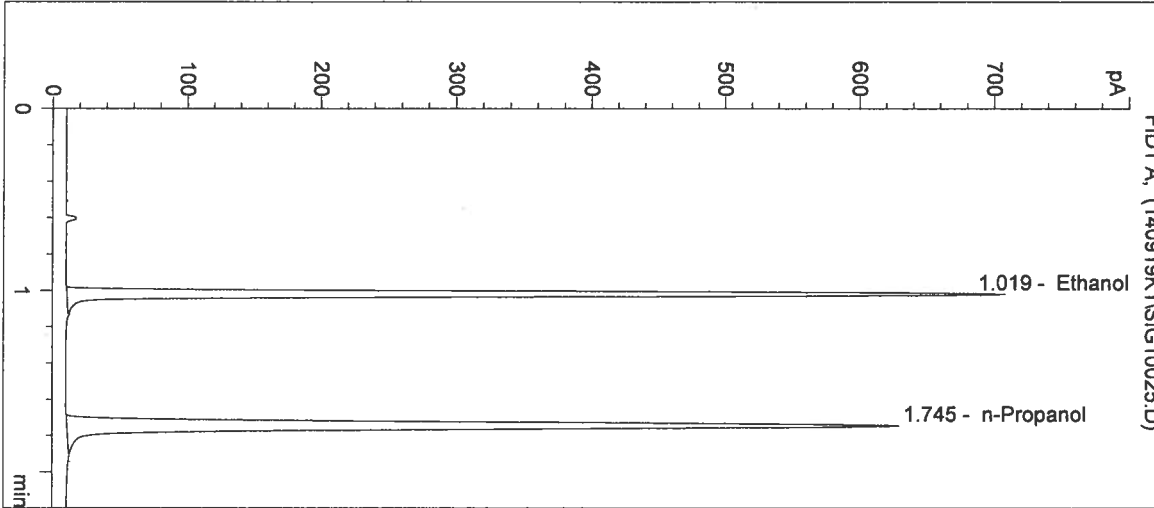
n-Propanol      0.012 g/100mL

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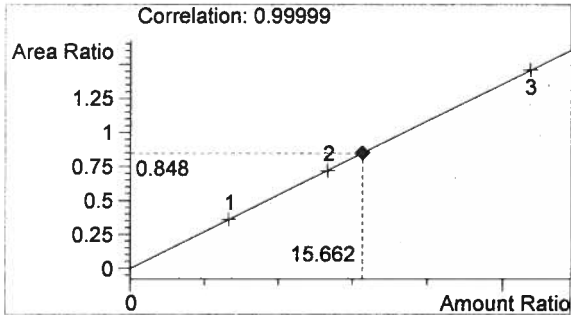
*KK*

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2203 Airport Way S Seattle, WA 98134

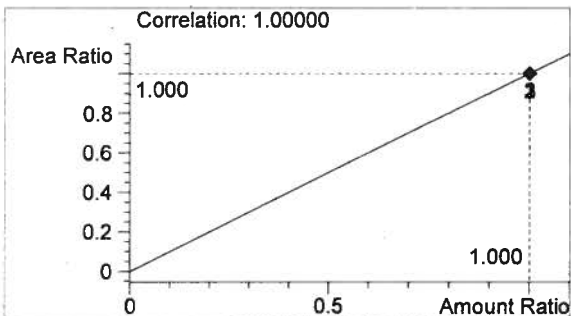
Inj. Date: 9/19/2014 12:45:36 PM      Sample Name: 14038-2  
Instrument: HSGC#3      Operator: Katie Knorr  
Column: DB-ALC2      Location: Vial 25  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1405	1.019
2	n-Propanol	1657	1.745



Ethanol      0.188 g/100mL



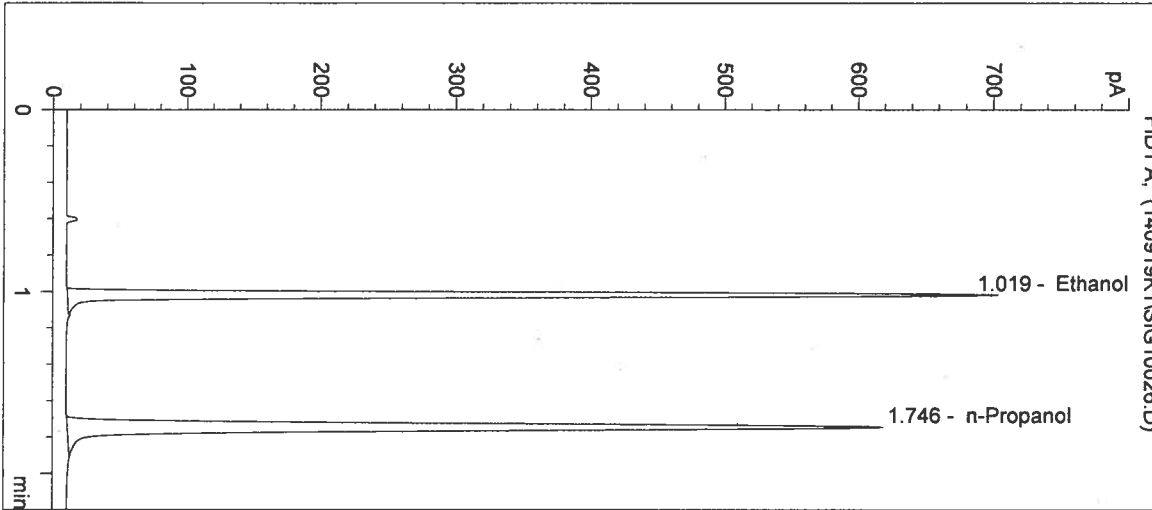
n-Propanol      0.012 g/100mL

*jk*

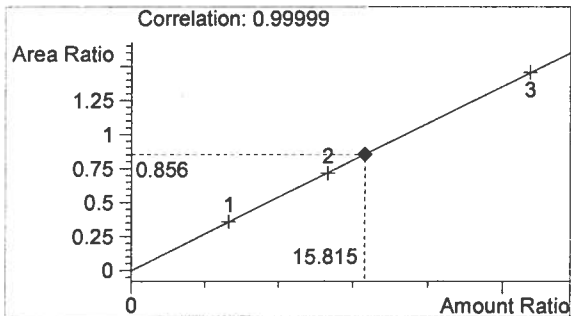
*kk*

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2203 Airport Way S Seattle, WA 98134

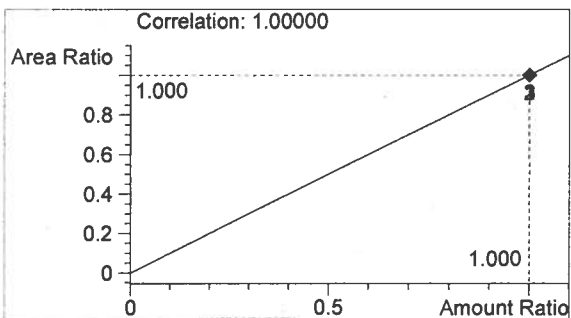
Inj. Date: 9/19/2014 12:48:49 PM      Sample Name: 14038-3  
Instrument: HSGC#3      Operator: Katie Knorr  
Column: DB-ALC2      Location: Vial 26  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1396	1.019
2	n-Propanol	1631	1.746



Ethanol      0.190 g/100mL



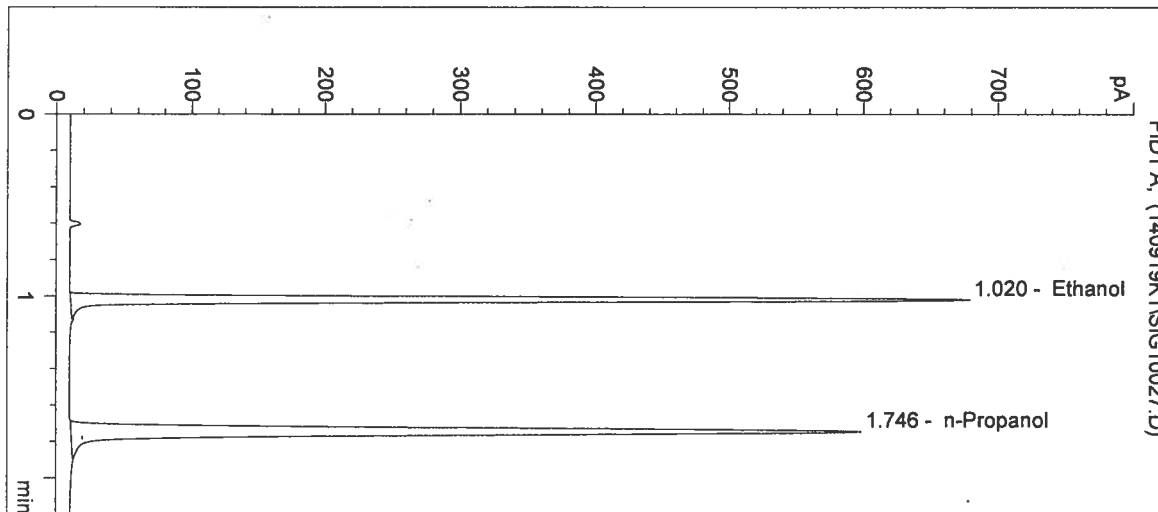
n-Propanol      0.012 g/100mL

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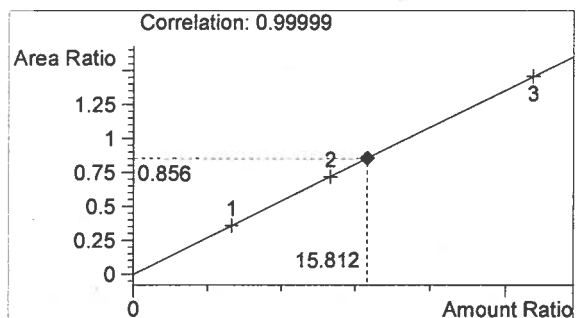
*KK*

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2203 Airport Way S Seattle, WA 98134

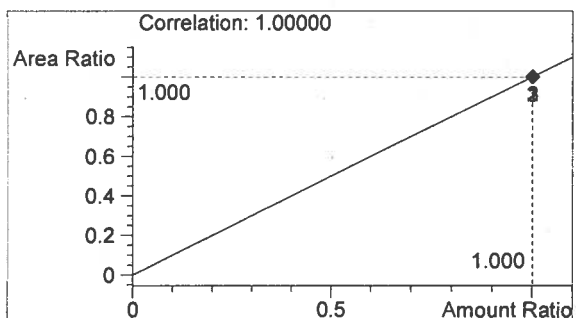
Inj. Date: 9/19/2014 12:52:02 PM      Sample Name: 14038-4  
 Instrument: HSGC#3      Operator: Katie Knorr  
 Column: DB-ALC2      Location: Vial 27  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1349	1.020
2	n-Propanol	1576	1.746



Ethanol      0.190 g/100mL



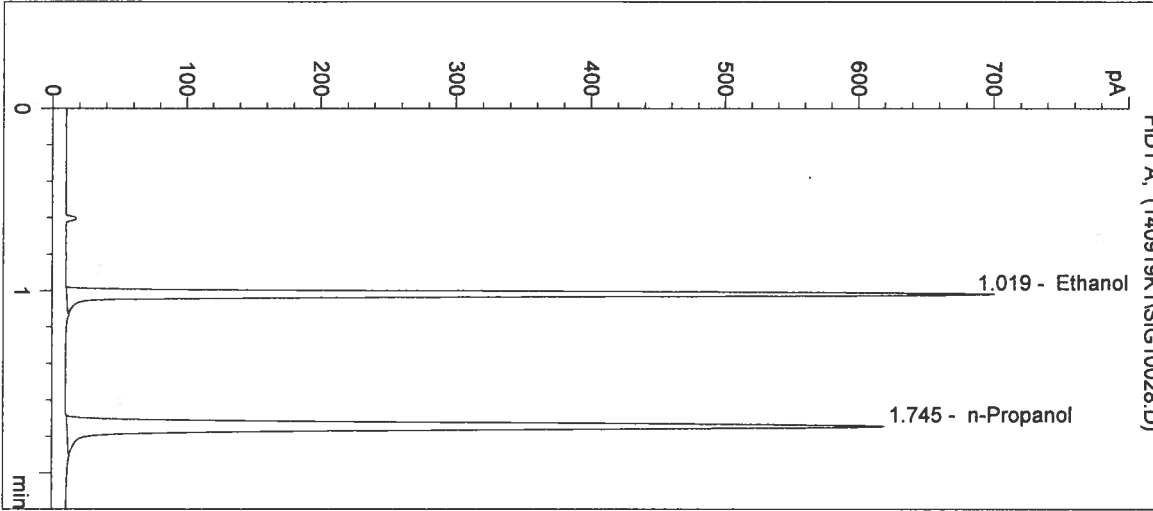
n-Propanol      0.012 g/100mL

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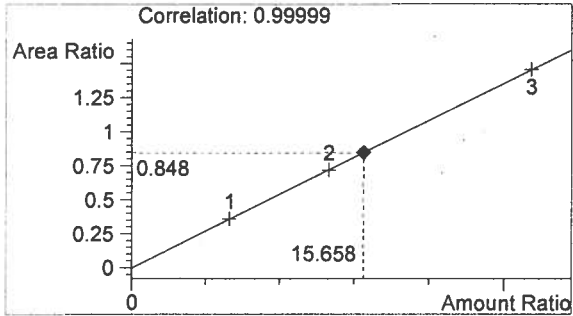
*Handwritten initials 'KK'*



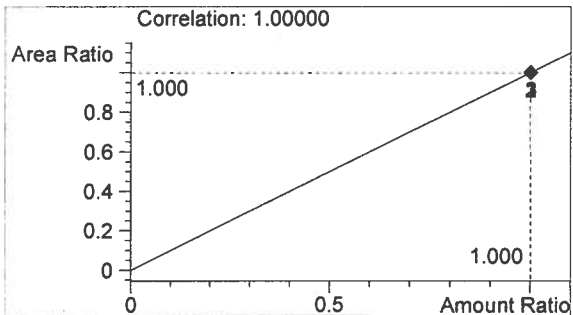
Inj. Date: 9/19/2014 12:55:16 PM      Sample Name: 14038-5  
Instrument: HSGC#3      Operator: Katie Knorr  
Column: DB-ALC2      Location: Vial 28  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1381	1.019
2	n-Propanol	1629	1.745



Ethanol      0.188 g/100mL



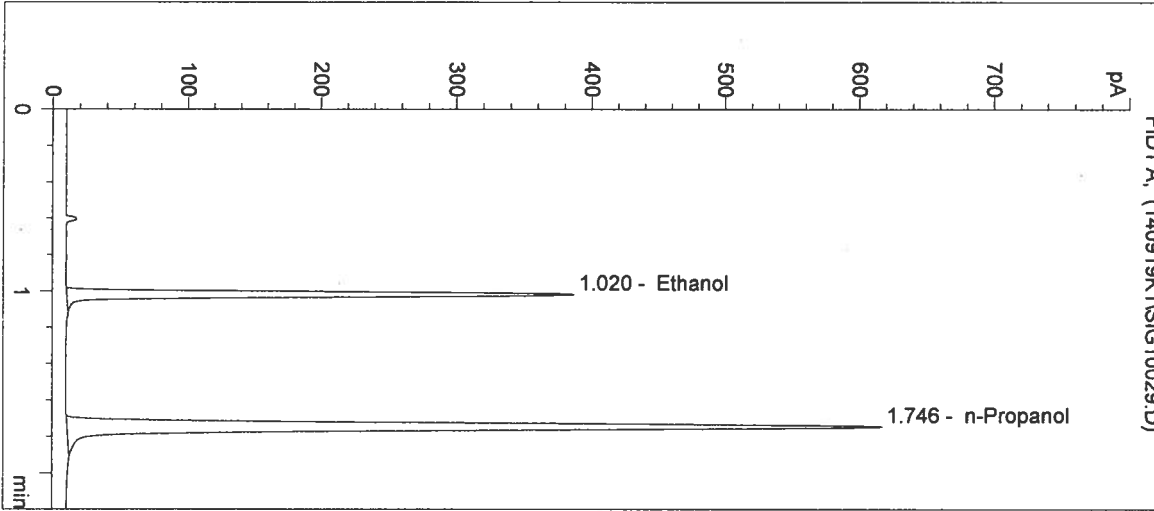
n-Propanol      0.012 g/100mL

*JK*

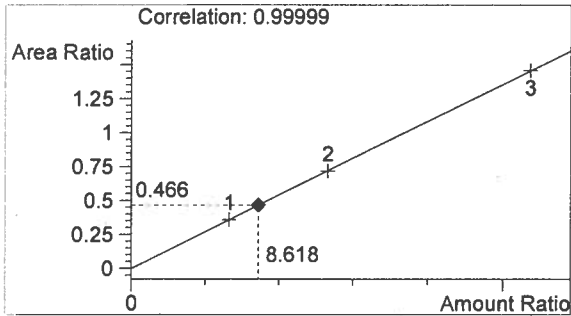
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 2203 Airport Way S Seattle, WA 98134

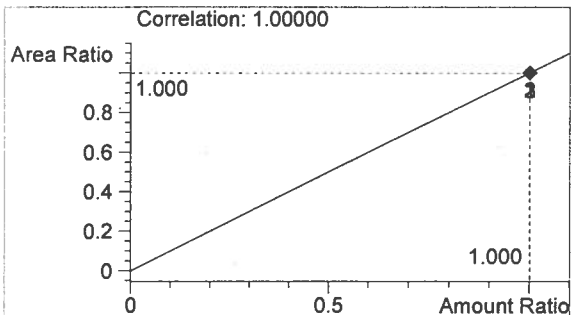
Inj. Date: 9/19/2014 12:58:29 PM      Sample Name: 0.10 Control  
 Instrument: HSGC#3      Operator: Katie Knorr  
 Column: DB-ALC2      Location: Vial 29  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	757	1.020
2	n-Propanol	1625	1.746



Ethanol      0.103 g/100mL



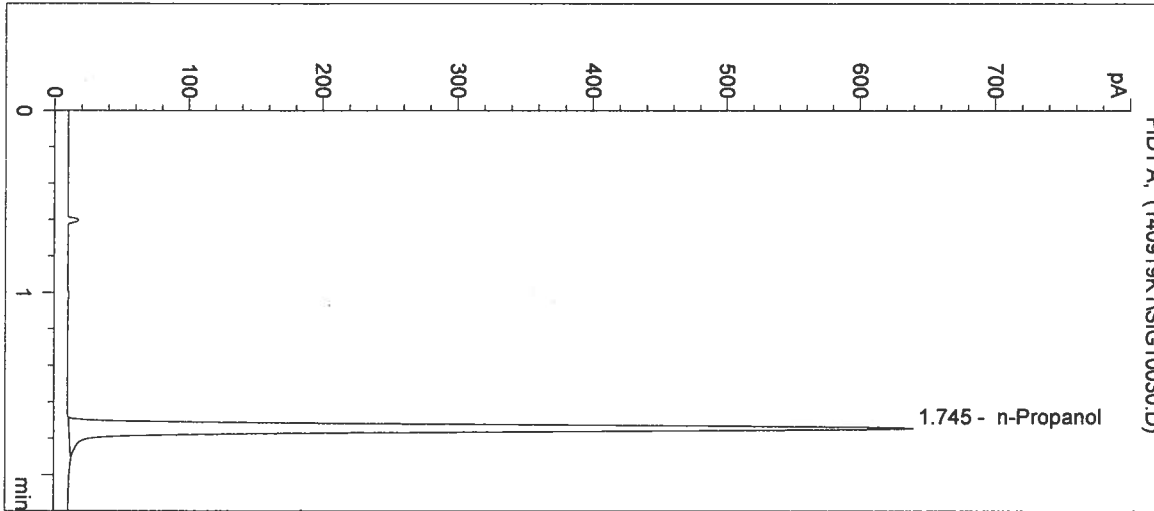
n-Propanol      0.012 g/100mL

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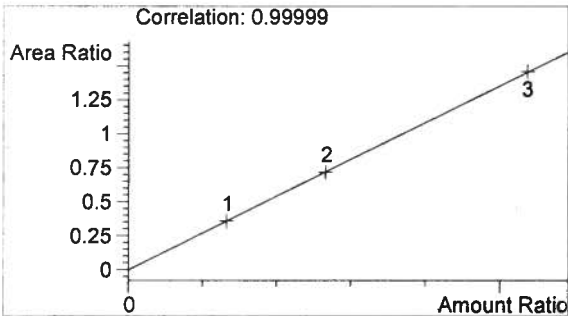
*sh*

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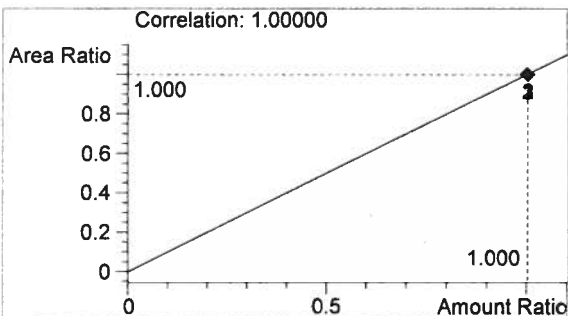
Inj. Date: 9/19/2014 1:01:43 PM      Sample Name: Neg Control  
Instrument: HSGC#3      Operator: Katie Knorr  
Column: DB-ALC2      Location: Vial 30  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1687	1.745



Ethanol      0.000 g/100mL



n-Propanol      0.012 g/100mL

14038

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Sequence Parameters:

Operator: Chris Johnston  
 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: 140923CJ  
 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#E0814-01 - Exp 2/19/15  
 Cal 2 (0.158 g/100mL) - Lot#E0814-02 - Exp 2/19/15  
 Cal 3 (0.316 g/100mL) - Lot#E0814-03 - Exp 2/19/15  
  
 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#FN03211401 - Exp 06/2019  
  
 n-Propanol ISTD - Lot# P0814 - Exp 10/30/14

1 4 0 3 6

1 4 0 3 7

1 4 0 3 8

Sequence Table (Front Injector):

Method and Injection Info Part:

1 4 0 3 9

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 Control	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 Control	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 Control	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 Control	SIMALC3	1	Ctrl Samp		
9	Vial 9	Neg Control	SIMALC3	1	Ctrl Samp		
10	Vial 10	14036-1	SIMALC3	1	Sample		
11	Vial 11	14036-2	SIMALC3	1	Sample		
12	Vial 12	14036-3	SIMALC3	1	Sample		
13	Vial 13	14036-4	SIMALC3	1	Sample		
14	Vial 14	14036-5	SIMALC3	1	Sample		
15	Vial 15	0.10 Control	SIMALC3	1	Ctrl Samp		
16	Vial 16	Neg Control	SIMALC3	1	Ctrl Samp		
17	Vial 17	14037-1	SIMALC3	1	Sample		
18	Vial 18	14037-2	SIMALC3	1	Sample		
19	Vial 19	14037-3	SIMALC3	1	Sample		
20	Vial 20	14037-4	SIMALC3	1	Sample		
21	Vial 21	14037-5	SIMALC3	1	Sample		
22	Vial 22	0.10 Control	SIMALC3	1	Ctrl Samp		
23	Vial 23	Neg Control	SIMALC3	1	Ctrl Samp		
24	Vial 24	14038-1	SIMALC3	1	Sample		
25	Vial 25	14038-2	SIMALC3	1	Sample		
26	Vial 26	14038-3	SIMALC3	1	Sample		

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 10/7/14

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Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	14038-4	SIMALC3	1	Sample		
28	Vial 28	14038-5	SIMALC3	1	Sample		
29	Vial 29	0.10 Control	SIMALC3	1	Ctrl Samp		
30	Vial 30	Neg Control	SIMALC3	1	Ctrl Samp		
31	Vial 31	14039-1	SIMALC3	1	Sample		
32	Vial 32	14039-2	SIMALC3	1	Sample		
33	Vial 33	14039-3	SIMALC3	1	Sample		
34	Vial 34	14039-4	SIMALC3	1	Sample		
35	Vial 35	14039-5	SIMALC3	1	Sample		
36	Vial 36	0.10 Control	SIMALC3	1	Ctrl Samp		
37	Vial 37	Neg Control	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 Table (Back Injector):

No entries - empty table!

1 4 0 3 6

1 4 0 3 7

1 4 0 3 8

1 4 0 3 9

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*10/2/14*  
*fr 10/7/14*

*fr*

*W*

Inj. Date: 9/23/2014 5:50:53 PM

Sample Name: 14038-1

Instrument: HSGC#3

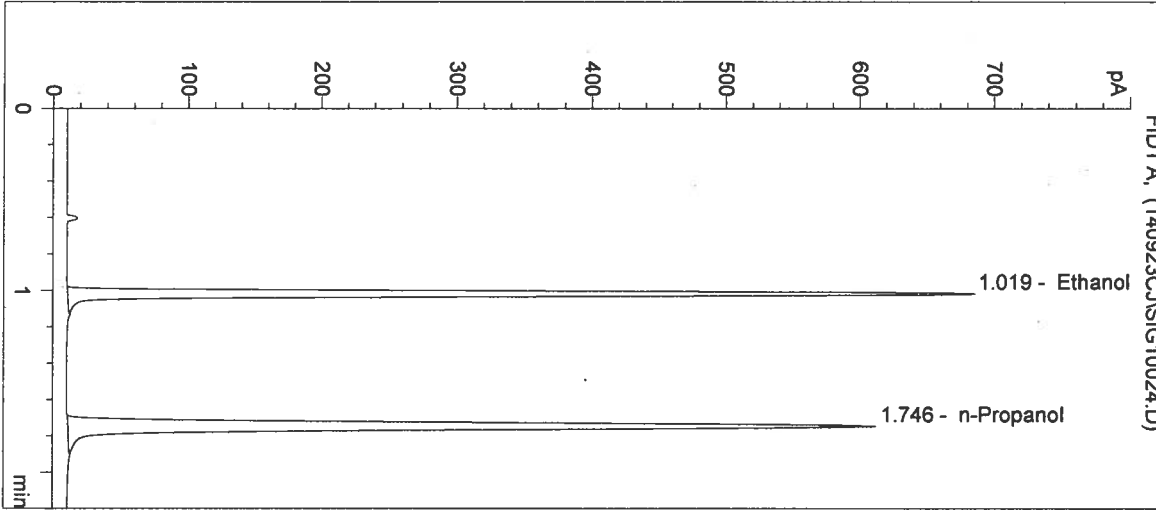
Operator: Chris Johnston

Column: DB-ALC2

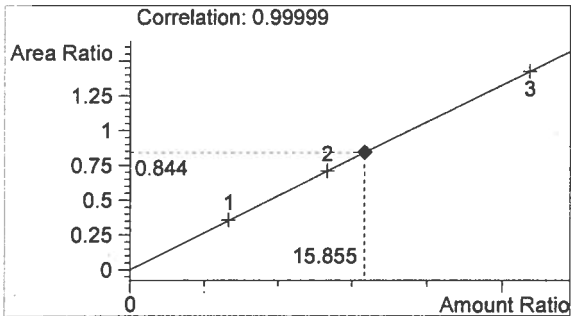
Location: Vial 24

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

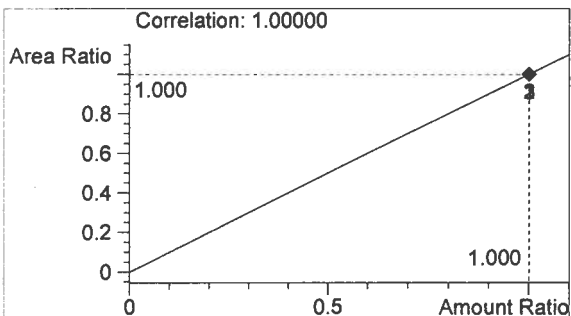
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1363	1.019
2	n-Propanol	1616	1.746



Ethanol 0.190 g/100mL

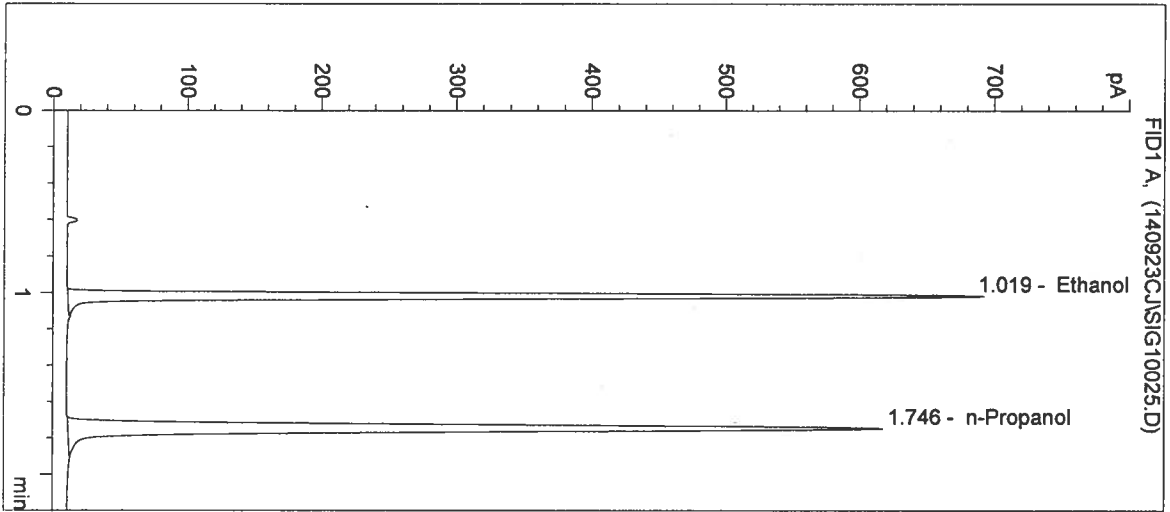


n-Propanol 0.012 g/100mL

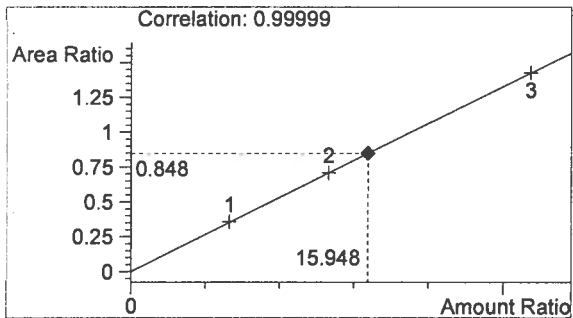
*h*

*W*

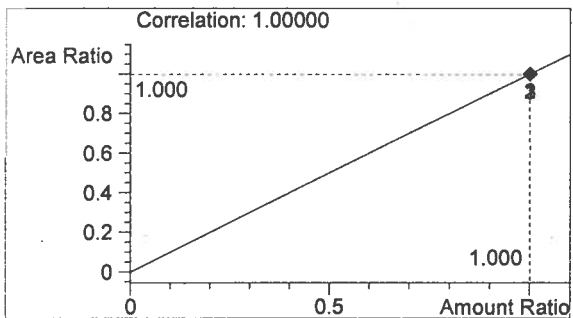
Inj. Date: 9/23/2014 5:54:07 PM      Sample Name: 14038-2  
 Instrument: HSGC#3      Operator: Chris Johnston  
 Column: DB-ALC2      Location: Vial 25  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1385	1.019
2	n-Propanol	1632	1.746



Ethanol      0.191 g/100mL



n-Propanol      0.012 g/100mL

*h*

Inj. Date: 9/23/2014 5:57:20 PM

Sample Name: 14038-3

Instrument: HSGC#3

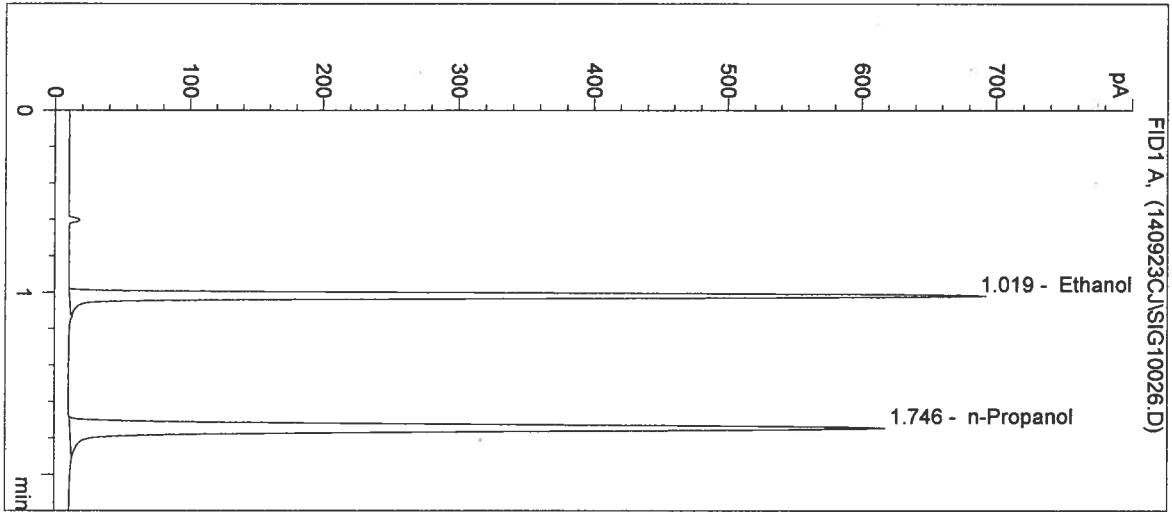
Operator: Chris Johnston

Column: DB-ALC2

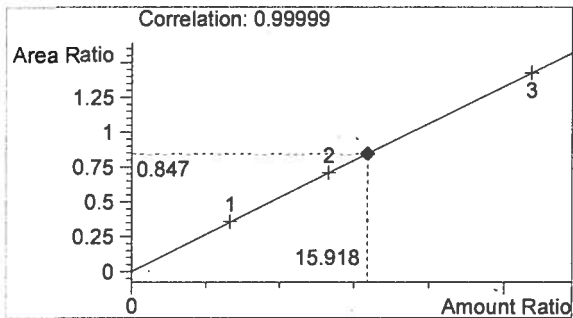
Location: Vial 26

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

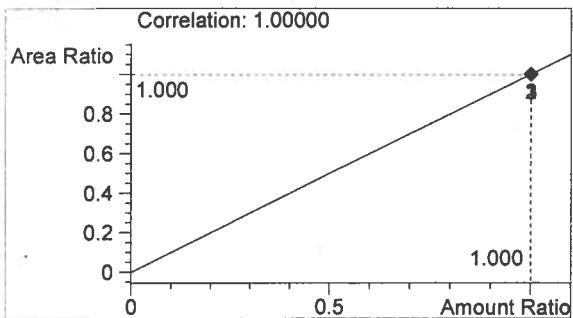
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1381	1.019
2	n-Propanol	1630	1.746



Ethanol 0.191 g/100mL



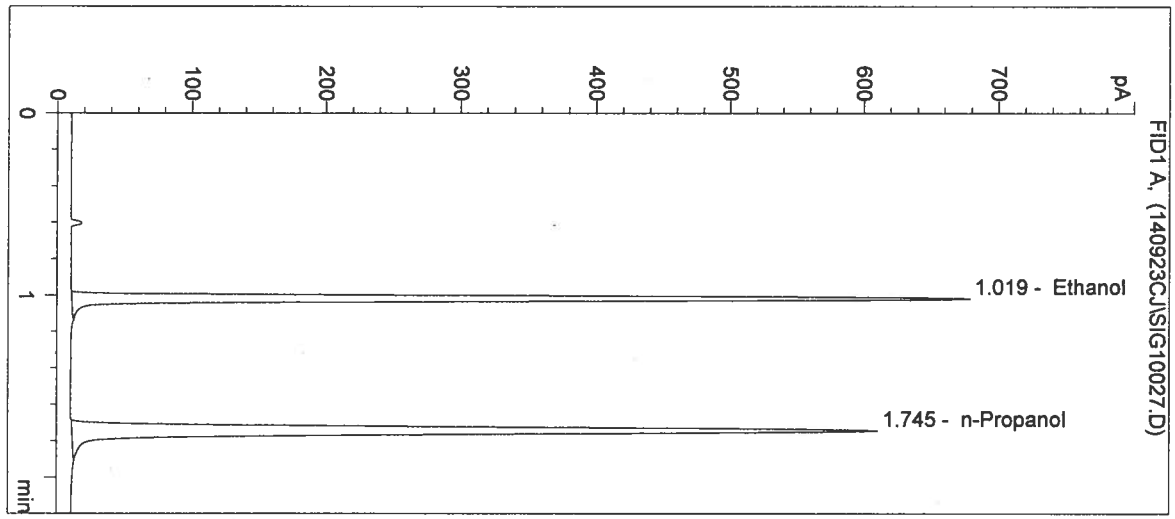
n-Propanol 0.012 g/100mL

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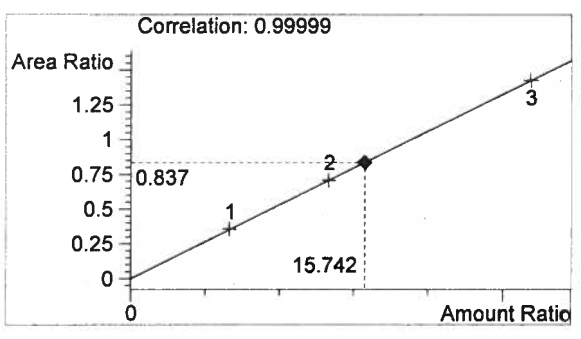
*Handwritten mark*



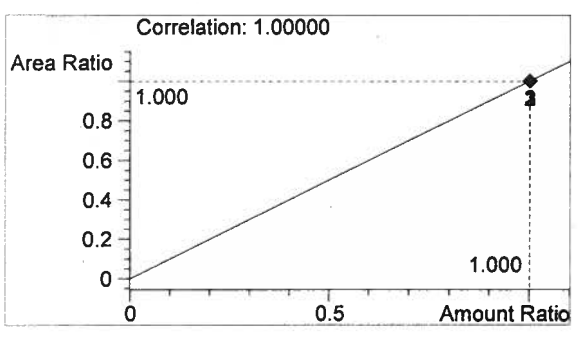
Inj. Date: 9/23/2014 6:00:33 PM      Sample Name: 14038-4  
 Instrument: HSGC#3      Operator: Chris Johnston  
 Column: DB-ALC2      Location: Vial 27  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1347	1.019
2	n-Propanol	1608	1.745



Ethanol      0.189 g/100mL

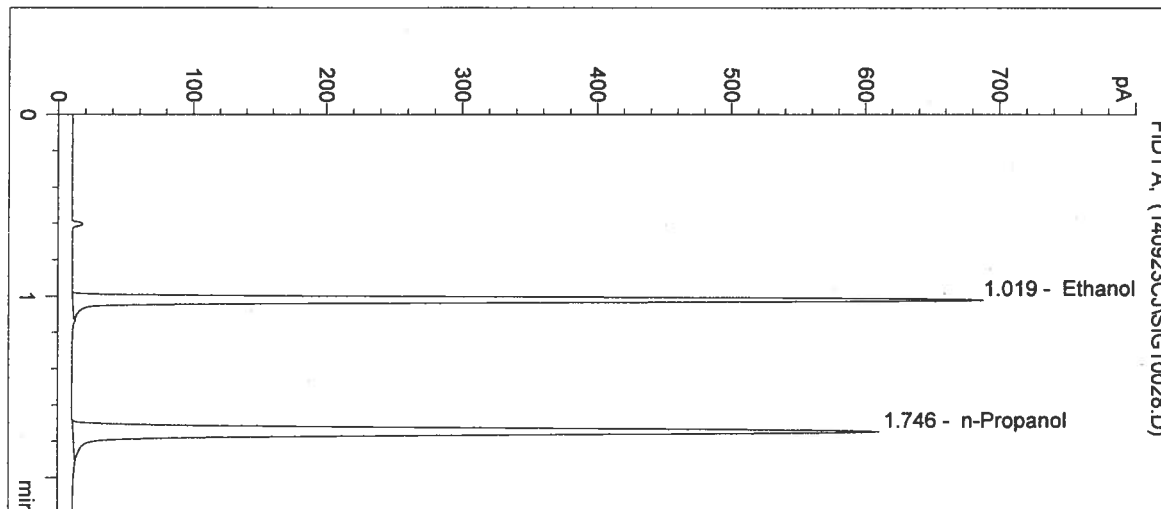


n-Propanol      0.012 g/100mL

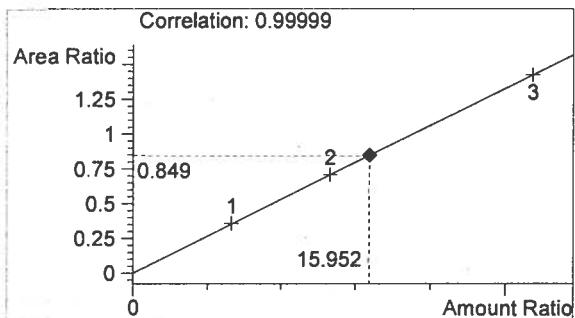
*lu*

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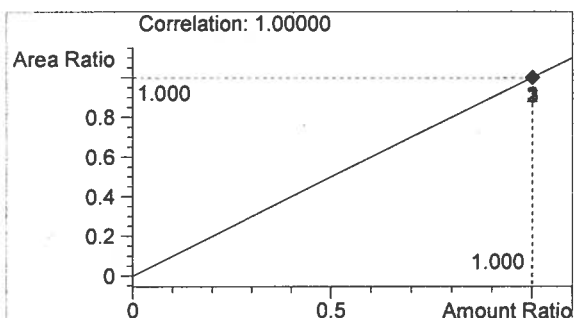
Inj. Date: 9/23/2014 6:03:47 PM      Sample Name: 14038-5  
Instrument: HSGC#3      Operator: Chris Johnston  
Column: DB-ALC2      Location: Vial 28  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1365	1.019
2	n-Propanol	1608	1.746



Ethanol      0.191 g/100mL

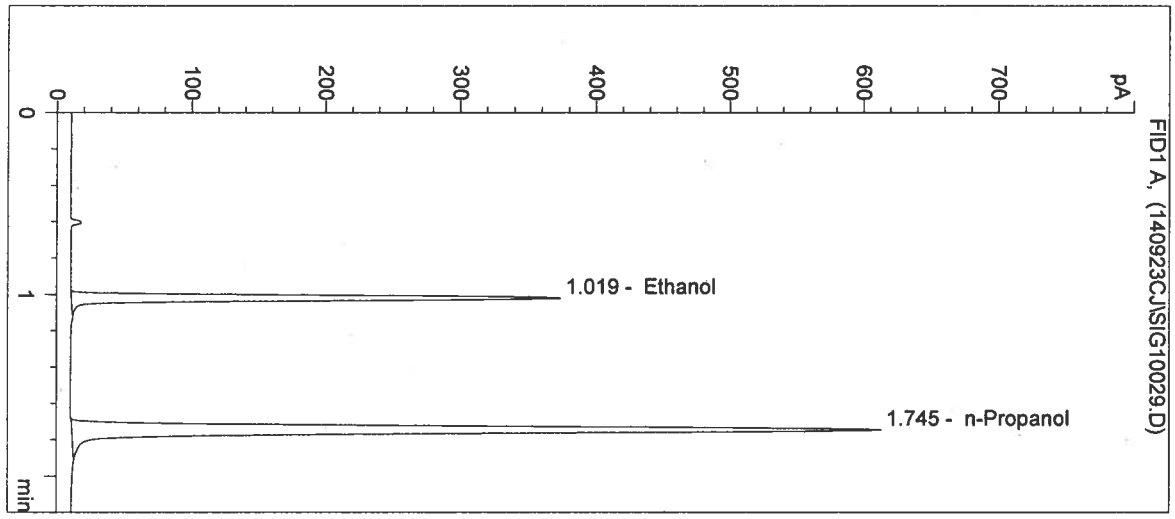


n-Propanol      0.012 g/100mL

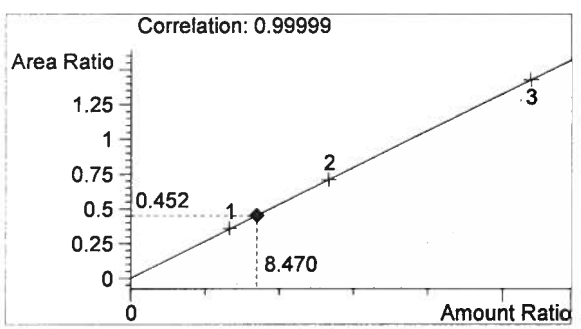
*Handwritten signature*

W

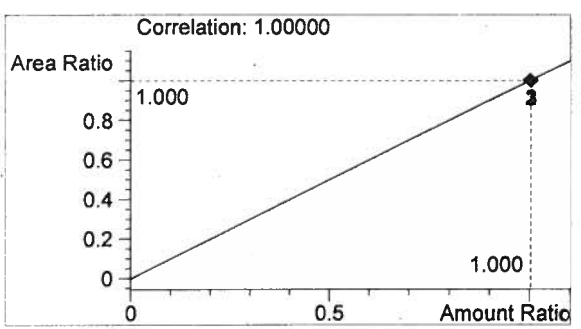
Inj. Date: 9/23/2014 6:07:00 PM      Sample Name: 0.10 Control  
 Instrument: HSGC#3      Operator: Chris Johnston  
 Column: DB-ALC2      Location: Vial 29  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	731	1.019
2	n-Propanol	1617	1.745



Ethanol      0.102 g/100mL



n-Propanol      0.012 g/100mL

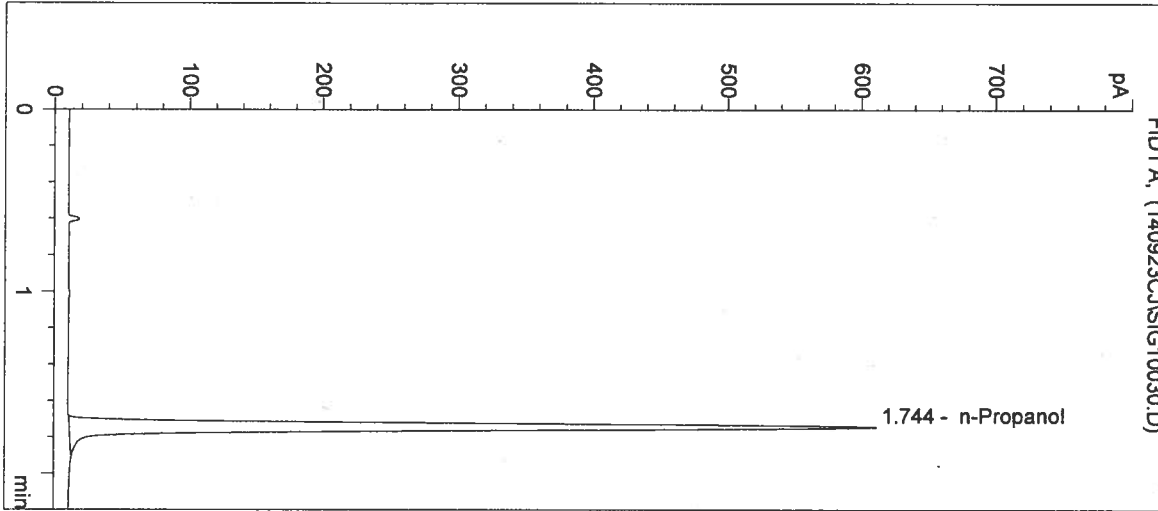
14038  
 stamped  
 10/3/14  
 2/19/14

*h*

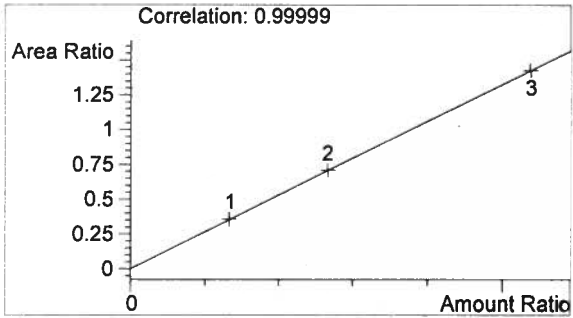
Inj. Date: 9/23/2014 6:10:13 PM  
 Instrument: HSGC#3  
 Column: DB-ALC2  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Name: Neg Control  
 Operator: Chris Johnston  
 Location: Vial 30

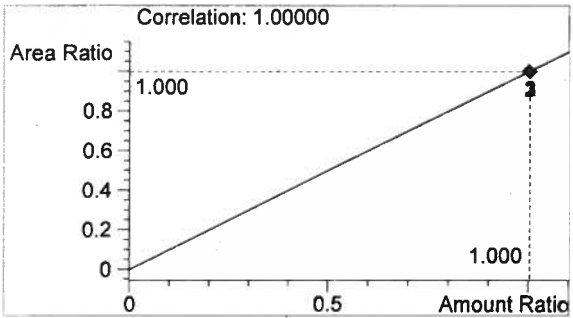
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1613	1.744



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14038

*Stamped*  
 10/3/14  
 In 10/8/14

*for*

W