



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 15005

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: 01/13/2015
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Elizabeth Wehner

	EW	DN	NN
1	0.101	0.101	0.100
2	0.103	0.102	0.100
3	0.102	0.101	0.100
4	0.101	0.101	0.100
5	0.100	0.102	0.100
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: 0.1009 g/100mL PRECISION CV (%): 0.95
STANDARD DEVIATION: 0.00096 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.0821 g/210L**
EXPANDED UNCERTAINTY: ± 0.0018 (k=2, 95.45% confidence interval)




WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION



Lisa Noble Forensic Scientist Supervisor

2/4/15
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
EW	Elizabeth Wehner		01/13/2015
DN	David Nguyen		01/14/2015
NN	Naziha Nuwayhid		01/14/2015

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

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

QAP Solution Batch #: 15005

Date Prepared: 1/13/2015

Analyst:	EW	DN	NN
Date Tested:	1/13/2015	1/14/2015	1/14/2015
Instrument:	HSGC #3	HSGC #3	HSGC #3
1	0.101	0.101	0.100
2	0.103	0.102	0.100
3	0.102	0.101	0.100
4	0.101	0.101	0.100
5	0.100	0.102	0.100
C	0.102	0.103	0.102

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000060454	0.0000106102	0.0001016326

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

Average Solution Concentration: 0.1009 g/100mL
Standard Deviation: 0.00096 g/100mL
Precision CV (%): 0.95
Equivalent Vapor Concentration: 0.0821 g/210L
Combined Standard Uncertainty (\pm): 0.0009 g/210L
Expanded Uncertainty (\pm): 0.0018 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble [Signature] 1/27/15
Name Signature Date

Calculations verified by: Amanda H. Black [Signature] 2-2-2015
Name Signature Date

Method: Hand calculation

Tech. review performed by: Lisa Noble [Signature] 1/27/15
Name Signature Date

[Signature]

SIMULATOR SOLUTION DATA ENTRY REVIEW


Reviewer/s: Amanda M. Black

Date: 2-2-2015

Location: WSP-FLSB Seattle, WA Solution Batch Number: 15005

	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: 2-2-2015



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 Thomas		
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen	DN	1/28/15
Dawn Sklerov		
Elizabeth Wehner	EW	01/28/15
Justin Knoy		
Katie Harris		
Lyndsey Lowe		
Naziha Nuwayhid	NN	1.28.15
Rebecca Flaherty		

Batch # 15005 Jan 28/15



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

**0.08 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 15005**

I, Elizabeth Wehner, 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 15005, was prepared in the Washington State Toxicology Laboratory on 1/13/2015. 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 1/13/2016.

Seattle, WA

Elizabeth Wehner 01/28/15

Elizabeth Wehner
Forensic Scientist

Date

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

**0.08 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 15005**


I, David Nguyen, 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 Chemistry.

The quality assurance procedure (QAP) solution, Lot Number 15005, was prepared in the Washington State Toxicology Laboratory on 1/13/2015. 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 1/13/2016.

Seattle, WA

 - 1/23/15
Date

David Nguyen
Forensic Scientist



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

Preparation Date: 01/13/15 Expiration Date: 01/13/16 Initials of Preparer: EW

Lot # of 200-proof Ethanol used in preparation: 2DG0231

Date the 200-proof Ethanol bottle was opened: 12/03/14

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.

Environmental conditions verified as acceptable:

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	<input checked="" type="checkbox"/>	<u>15004</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>15005</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>15006</u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>15007</u>
QAP 0.20	56.1	18	<input checked="" type="checkbox"/>	<u>15008</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

01/13/15
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:

Elizabeth Wehner
Analyst Signature

01/13/15
Date

EW

Sequence Parameters:

Operator: Elizabeth Wehner
 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: 150113EW
 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 02/19/2015
 CAL 2: 0.158 g/100mL - LOT# E0814-02 - EXP 02/19/2015
 CAL 3: 0.316 g/100mL - LOT# E0814-03 - EXP 02/19/2015

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# P1114 - EXP 02/20/2015

Vials# 1-9 are filed with 15004

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	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	15004 #1	SIMALC3	1	Sample		
11	Vial 11	15004 #2	SIMALC3	1	Sample		
12	Vial 12	15004 #3	SIMALC3	1	Sample		
13	Vial 13	15004 #4	SIMALC3	1	Sample		
14	Vial 14	15004 #5	SIMALC3	1	Sample		
15	Vial 15	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	15005 #1	SIMALC3	1	Sample		
18	Vial 18	15005 #2	SIMALC3	1	Sample		
19	Vial 19	15005 #3	SIMALC3	1	Sample		
20	Vial 20	15005 #4	SIMALC3	1	Sample		
21	Vial 21	15005 #5	SIMALC3	1	Sample		
22	Vial 22	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	15006 #1	SIMALC3	1	Sample		

15005

Jan/27/15

EW

EW

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	15006 #2	SIMALC3	1	Sample		
26	Vial 26	15006 #3	SIMALC3	1	Sample		
27	Vial 27	15006 #4	SIMALC3	1	Sample		
28	Vial 28	15006 #5	SIMALC3	1	Sample		
29	Vial 29	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	15007 #1	SIMALC3	1	Sample		
32	Vial 32	15007 #2	SIMALC3	1	Sample		
33	Vial 33	15007 #3	SIMALC3	1	Sample		
34	Vial 34	15007 #4	SIMALC3	1	Sample		
35	Vial 35	15007 #5	SIMALC3	1	Sample		
36	Vial 36	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		
38	Vial 38	15008 #1	SIMALC3	1	Sample		
39	Vial 39	15008 #2	SIMALC3	1	Sample		
40	Vial 40	15008 #3	SIMALC3	1	Sample		
41	Vial 41	15008 #4	SIMALC3	1	Sample		
42	Vial 42	15008 #5	SIMALC3	1	Sample		
43	Vial 43	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
44	Vial 44	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!

15005

Jan/27/15

fr

EW

Inj. Date: 1/13/2015 11:55:47 AM

Sample Name: 15005 #1

Instrument: HSGC#3

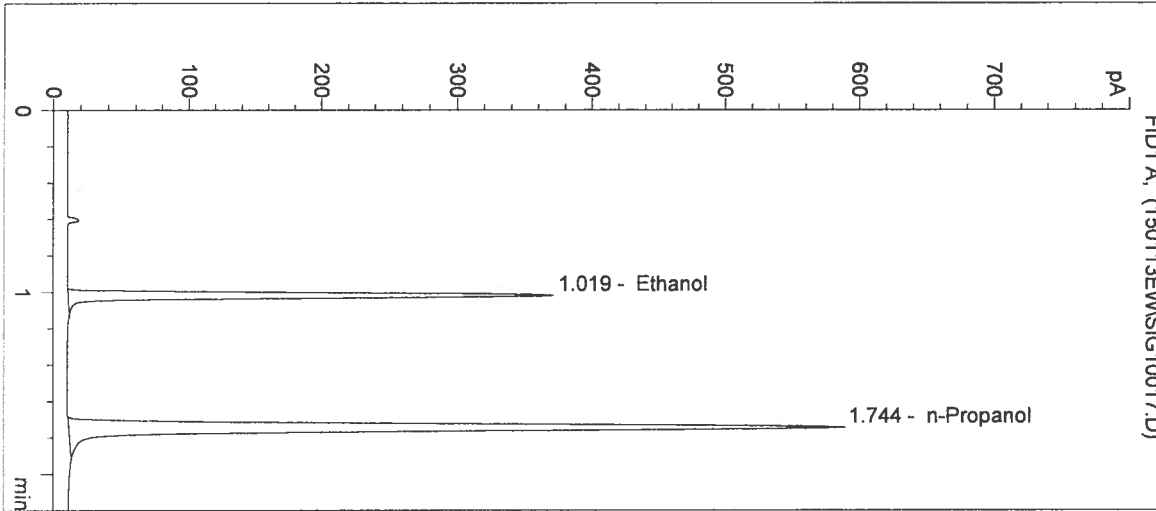
Operator: Elizabeth Wehner

Column: DB-ALC2

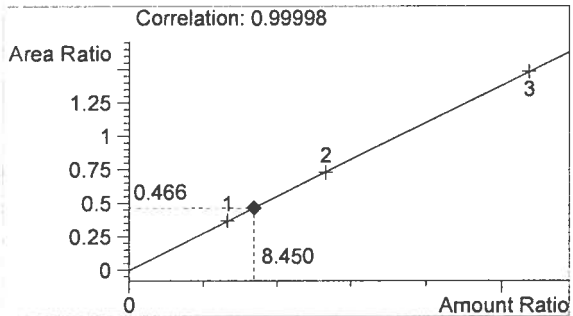
Location: Vial 17

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

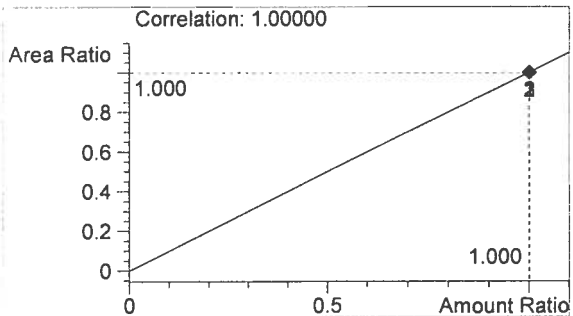
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	719	1.019
2	n-Propanol	1543	1.744



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

EW

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

Inj. Date: 1/13/2015 11:59:00 AM

Sample Name: 15005 #2

Instrument: HSGC#3

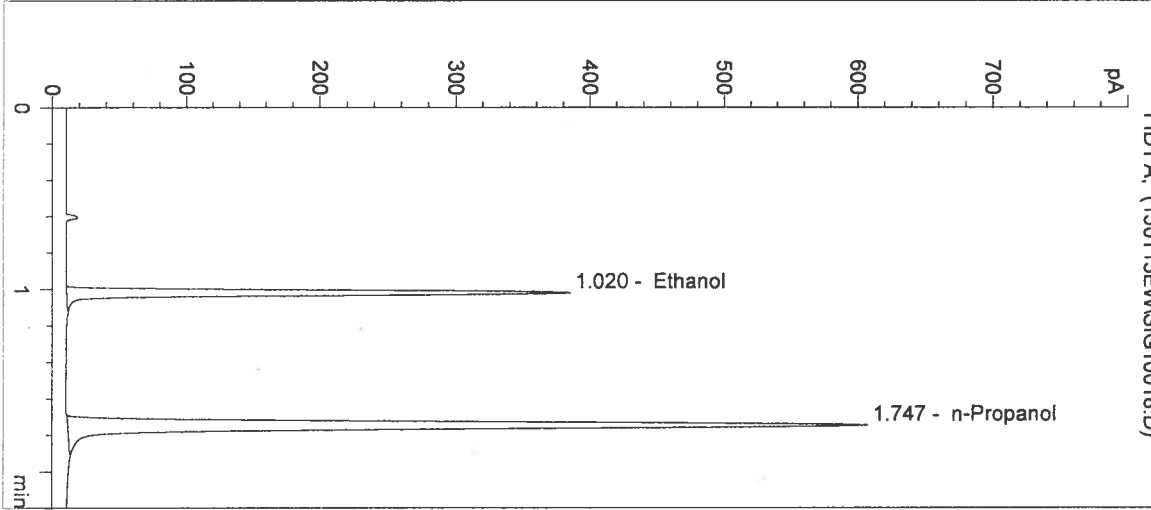
Operator: Elizabeth Wehner

Column: DB-ALC2

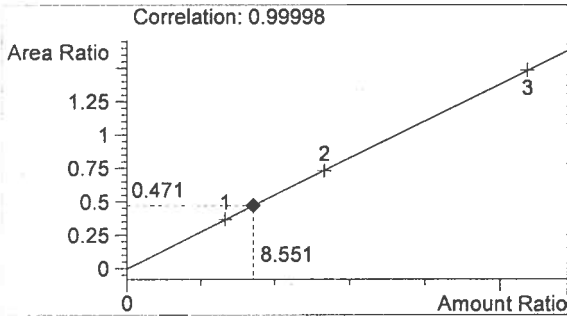
Location: Vial 18

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

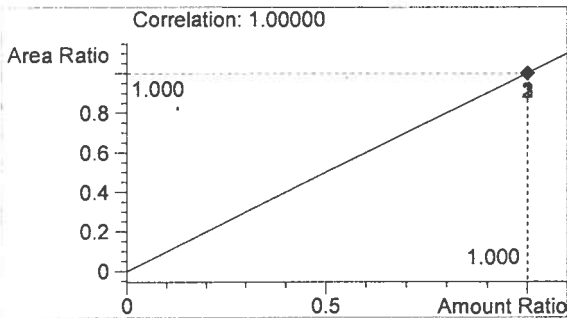
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	752	1.020
2	n-Propanol	1595	1.747



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

fr

EW

Inj. Date: 1/13/2015 12:02:14 PM

Sample Name: 15005 #3

Instrument: HSGC#3

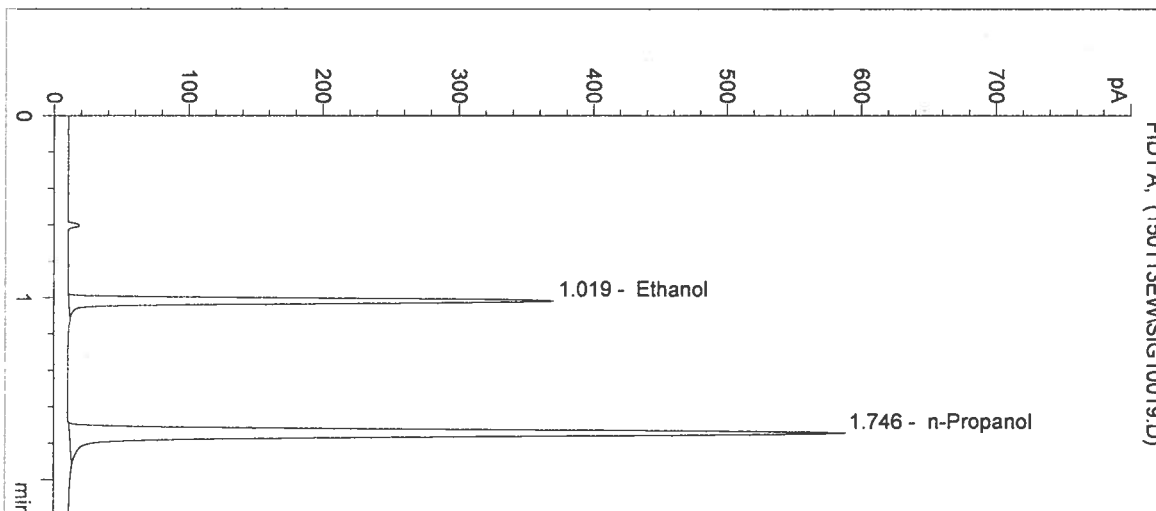
Operator: Elizabeth Wehner

Column: DB-ALC2

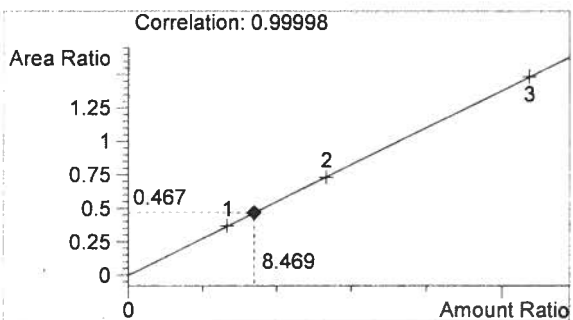
Location: Vial 19

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

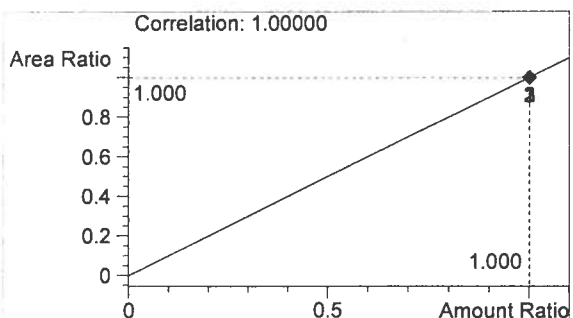
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	720	1.019
2	n-Propanol	1542	1.746



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

EW

Inj. Date: 1/13/2015 12:05:27 PM

Sample Name: 15005 #4

Instrument: HSGC#3

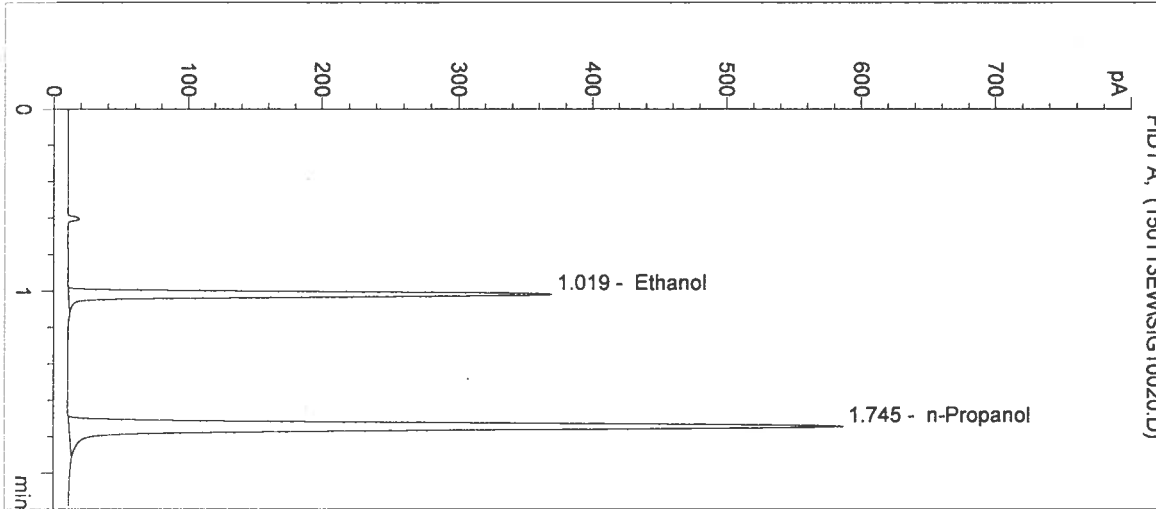
Operator: Elizabeth Wehner

Column: DB-ALC2

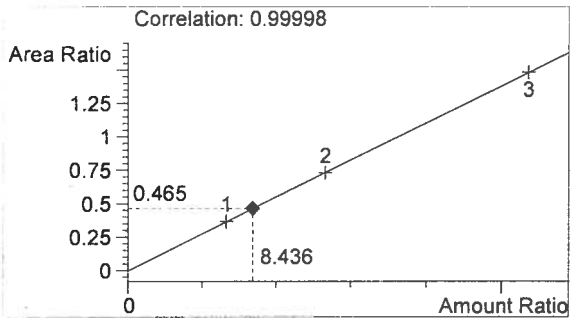
Location: Vial 20

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

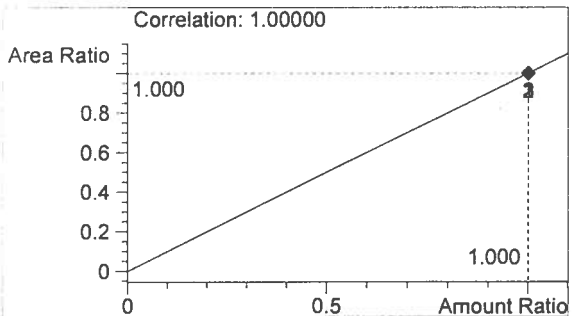
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	716	1.019
2	n-Propanol	1541	1.745



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

EW

EW

Inj. Date: 1/13/2015 12:08:40 PM

Sample Name: 15005 #5

Instrument: HSGC#3

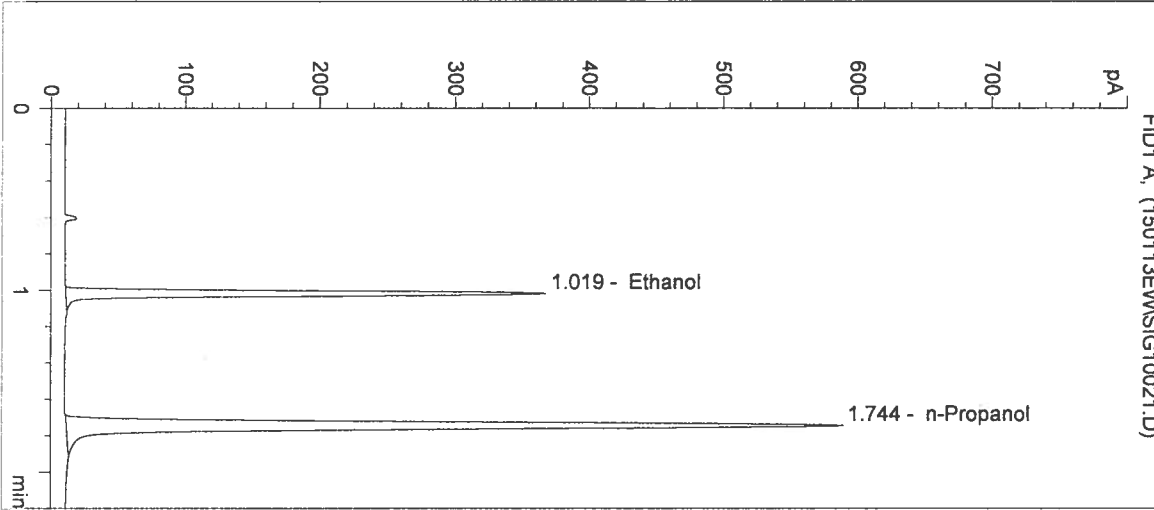
Operator: Elizabeth Wehner

Column: DB-ALC2

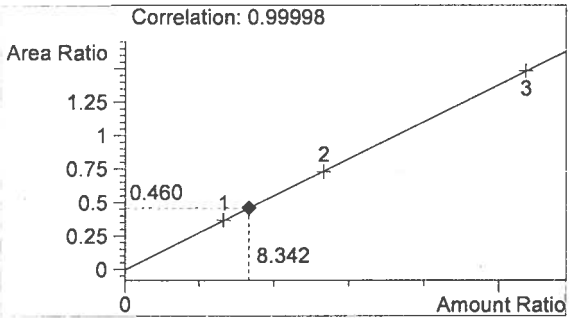
Location: Vial 21

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

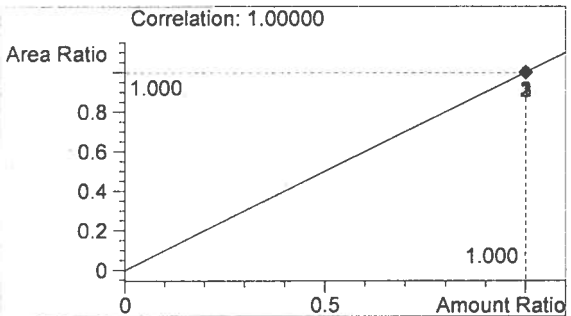
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	709	1.019
2	n-Propanol	1542	1.744



Ethanol 0.100 g/100mL

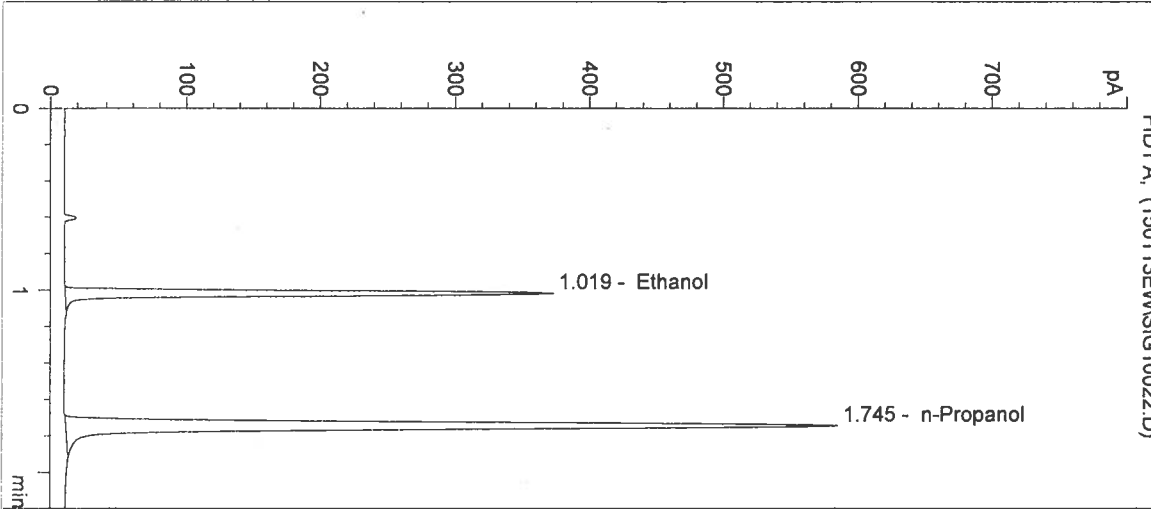


n-Propanol 0.012 g/100mL

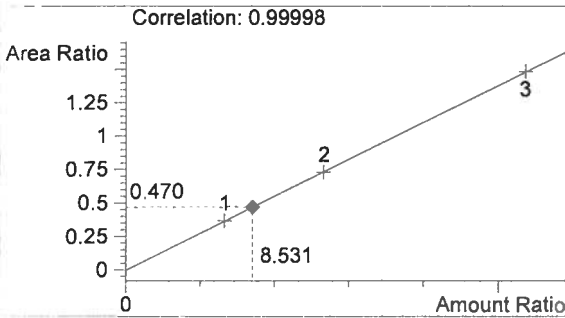
EW

Inj. Date: 1/13/2015 12:11:54 PM
 Instrument: HSGC#3
 Column: DB-ALC2
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info: POS CTRL: 0.10 g/100mL
 15005

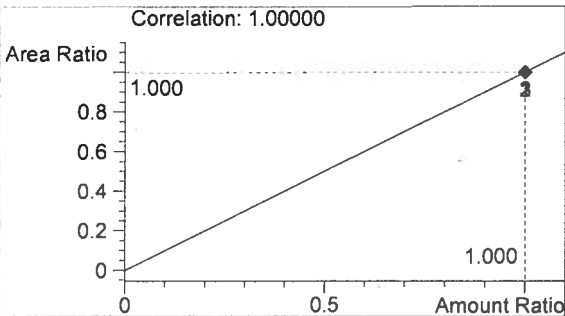
Sample Name: POS CTRL (0.10)
 Operator: Elizabeth Wehner
 Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	721	1.019
2	n-Propanol	1534	1.745



Ethanol 0.102 g/100mL



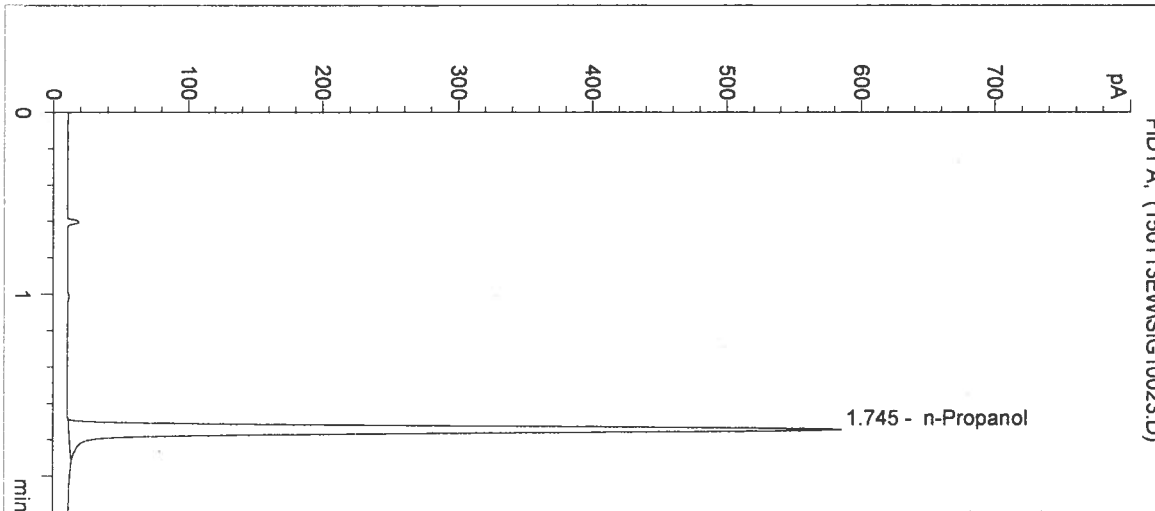
n-Propanol 0.012 g/100mL

fw

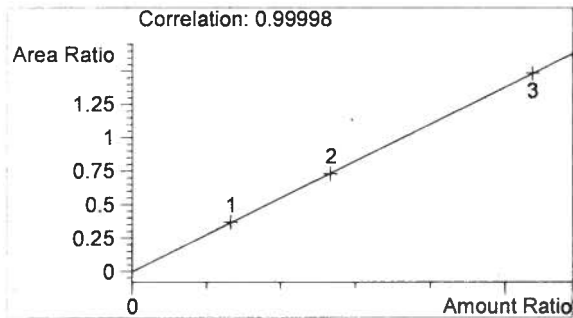
EW

Inj. Date: 1/13/2015 12:15:07 PM
 Instrument: HSGC#3
 Column: DB-ALC2
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info: 15005

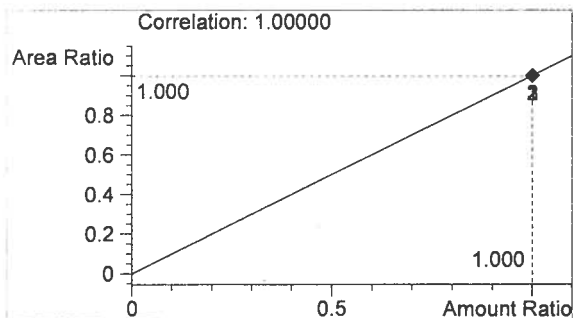
Sample Name: NEG CTRL
 Operator: Elizabeth Wehner
 Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1538	1.745



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

jm

EW

Sequence Parameters:

Operator: David Nguyen
 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: 150114DN
 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. 02/19/2015
 CAL 2: 0.158 g/100mL - Lot#: E0814-02 Exp. 02/19/2015
 CAL 3: 0.316 g/100mL - Lot#: E0814-03 Exp. 02/19/2015

 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#: P1114 Exp. 02/20/2015

 Calibration vials 1-9 filed with 15004.

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	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	15004 #1	SIMALC3	1	Sample		
11	Vial 11	15004 #2	SIMALC3	1	Sample		
12	Vial 12	15004 #3	SIMALC3	1	Sample		
13	Vial 13	15004 #4	SIMALC3	1	Sample		
14	Vial 14	15004 #5	SIMALC3	1	Sample		
15	Vial 15	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	15005 #1	SIMALC3	1	Sample		
18	Vial 18	15005 #2	SIMALC3	1	Sample		
19	Vial 19	15005 #3	SIMALC3	1	Sample		
20	Vial 20	15005 #4	SIMALC3	1	Sample		
21	Vial 21	15005 #5	SIMALC3	1	Sample		
22	Vial 22	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	15006 #1	SIMALC3	1	Sample		

15005
 Jan 12/15

DN

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	15006 #2	SIMALC3	1	Sample		
26	Vial 26	15006 #3	SIMALC3	1	Sample		
27	Vial 27	15006 #4	SIMALC3	1	Sample		
28	Vial 28	15006 #5	SIMALC3	1	Sample		
29	Vial 29	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	15007 #1	SIMALC3	1	Sample		
32	Vial 32	15007 #2	SIMALC3	1	Sample		
33	Vial 33	15007 #3	SIMALC3	1	Sample		
34	Vial 34	15007 #4	SIMALC3	1	Sample		
35	Vial 35	15007 #5	SIMALC3	1	Sample		
36	Vial 36	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		
38	Vial 38	15008 #1	SIMALC3	1	Sample		
39	Vial 39	15008 #2	SIMALC3	1	Sample		
40	Vial 40	15008 #3	SIMALC3	1	Sample		
41	Vial 41	15008 #4	SIMALC3	1	Sample		
42	Vial 42	15008 #5	SIMALC3	1	Sample		
43	Vial 43	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
44	Vial 44	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!

15005

for 1/27/15

for

DN

Inj. Date: 1/14/2015 10:23:13 AM

Sample Name: 15005 #1

Instrument: HSGC#3

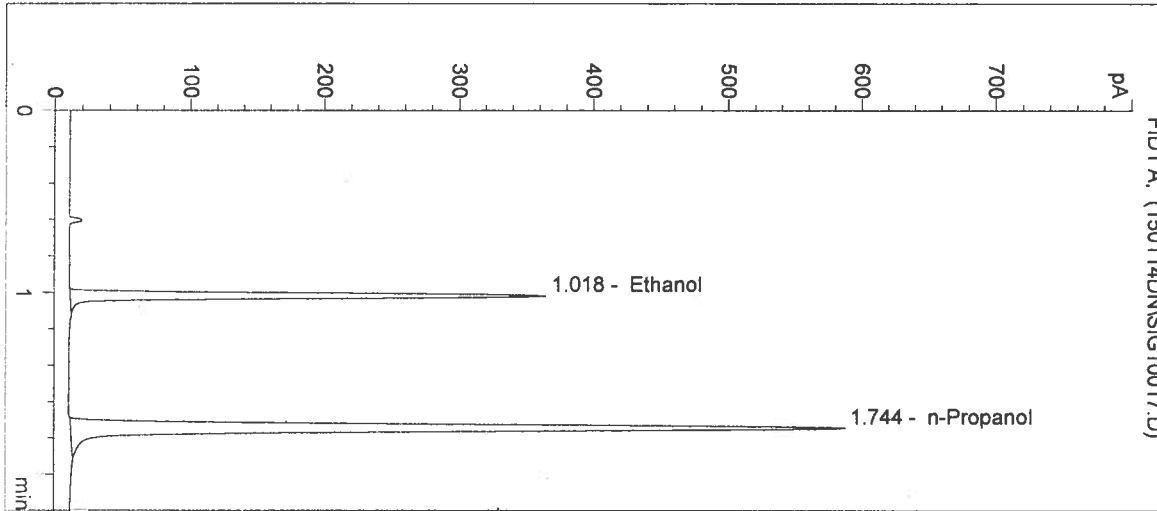
Operator: David Nguyen

Column: DB-ALC2

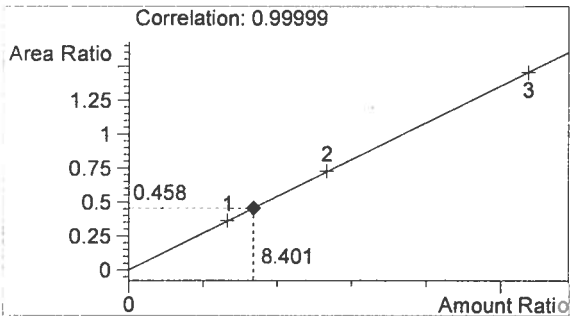
Location: Vial 17

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

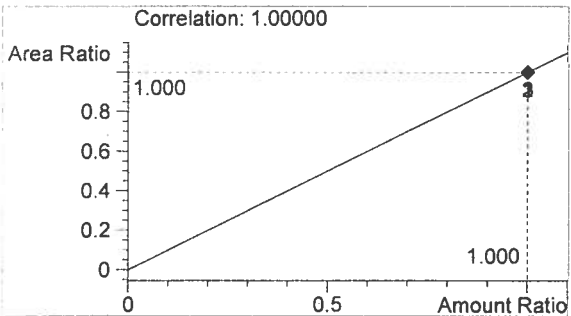
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	707	1.018
2	n-Propanol	1544	1.744



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 1/14/2015 10:26:27 AM

Sample Name: 15005 #2

Instrument: HSGC#3

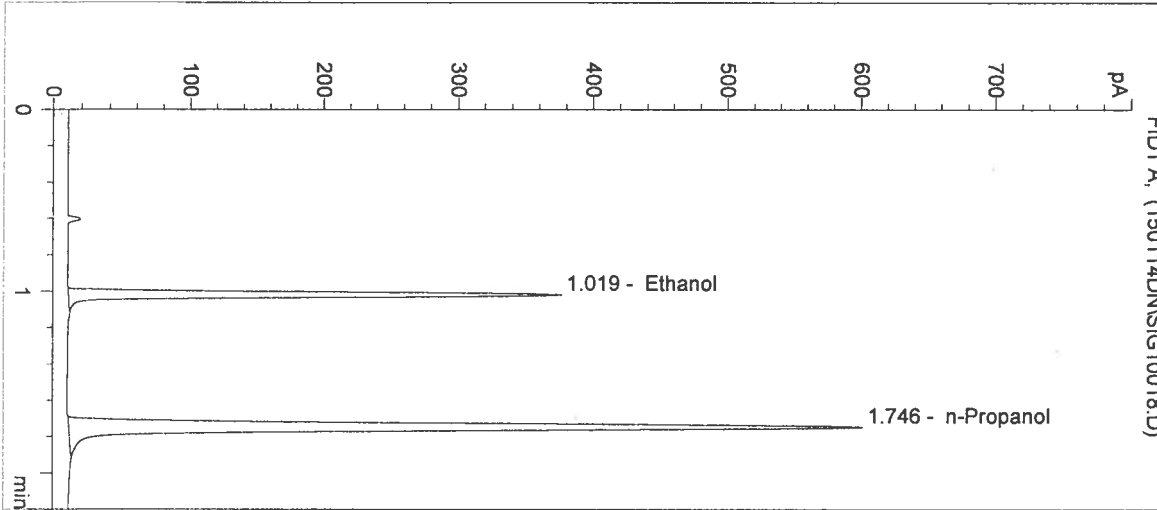
Operator: David Nguyen

Column: DB-ALC2

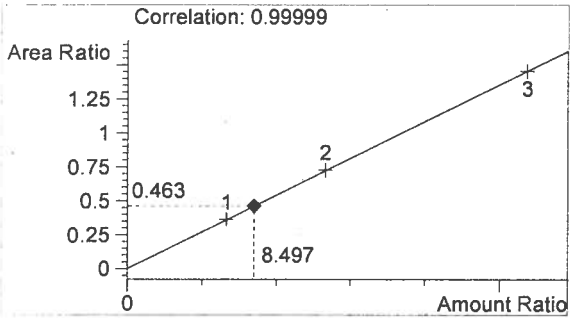
Location: Vial 18

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

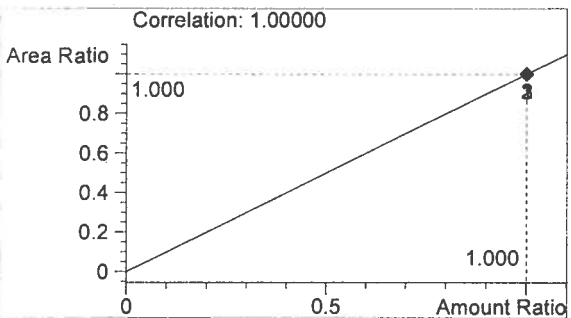
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	733	1.019
2	n-Propanol	1583	1.746



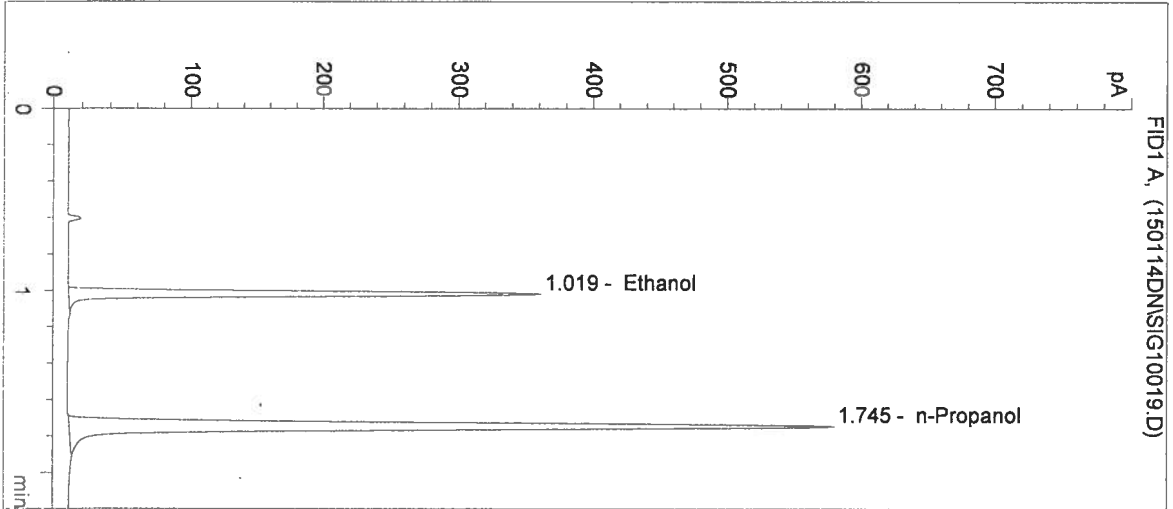
Ethanol 0.102 g/100mL



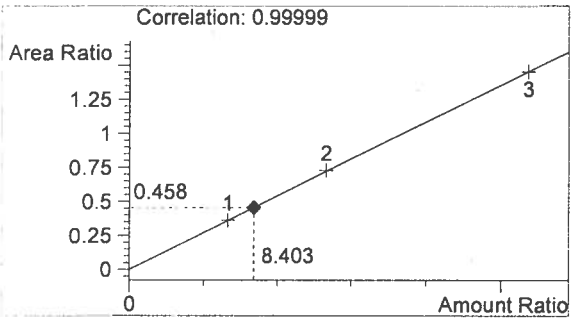
n-Propanol 0.012 g/100mL

DN

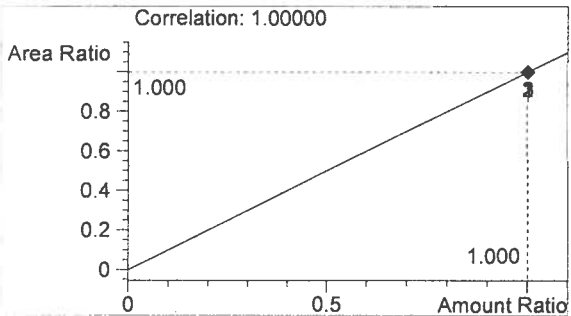
Inj. Date: 1/14/2015 10:29:40 AM Sample Name: 15005 #3
Instrument: HSGC#3 Operator: David Nguyen
Column: DB-ALC2 Location: Vial 19
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	696	1.019
2	n-Propanol	1520	1.745



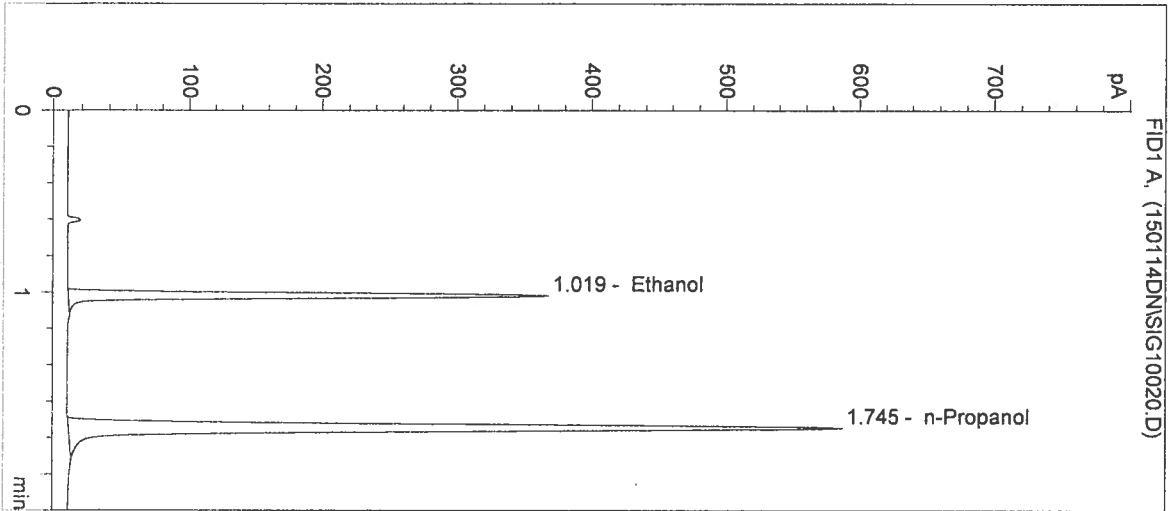
Ethanol 0.101 g/100mL



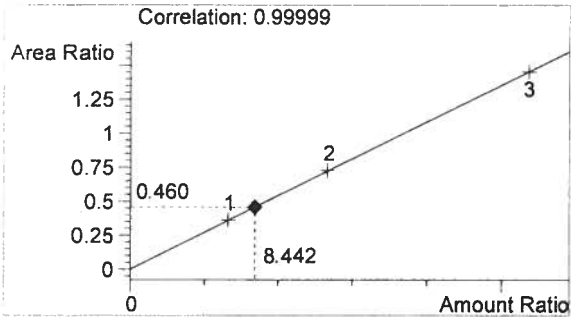
n-Propanol 0.012 g/100mL

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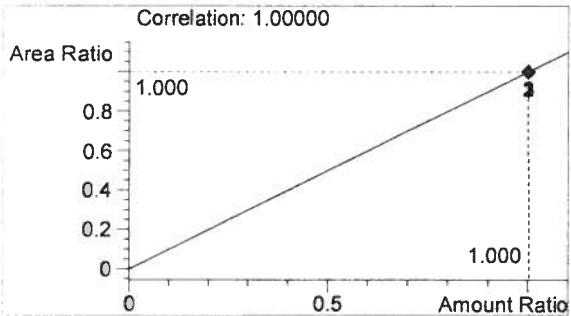
Inj. Date: 1/14/2015 10:32:53 AM Sample Name: 15005 #4
 Instrument: HSGC#3 Operator: David Nguyen
 Column: DB-ALC2 Location: Vial 20
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	706	1.019
2	n-Propanol	1535	1.745



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

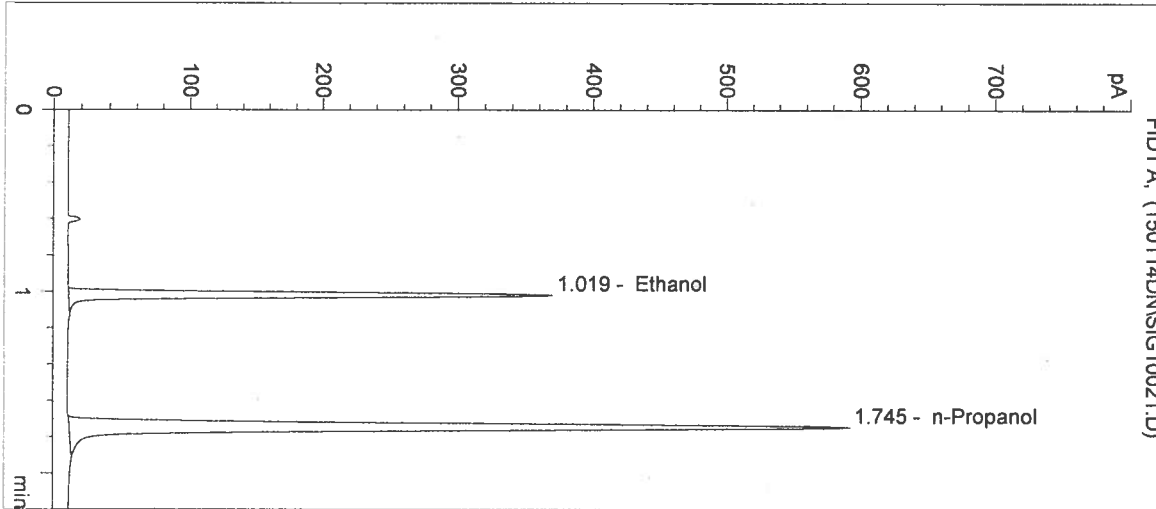
Handwritten initials: JN
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Inj. Date: 1/14/2015 10:36:07 AM
 Instrument: HSGC#3
 Column: DB-ALC2

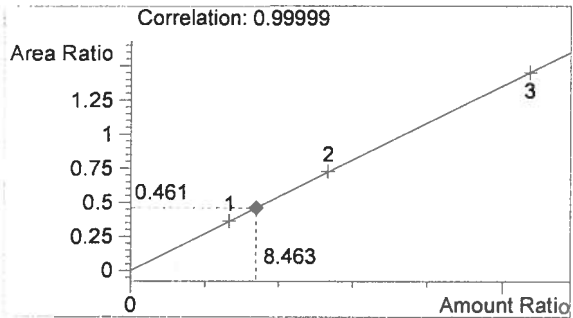
Sample Name: 15005 #5
 Operator: David Nguyen
 Location: Vial 21

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

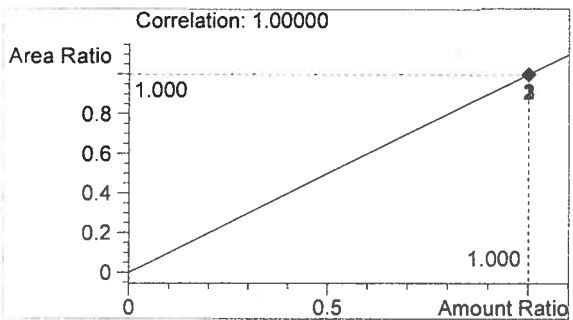
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	716	1.019
2	n-Propanol	1552	1.745



Ethanol 0.102 g/100mL



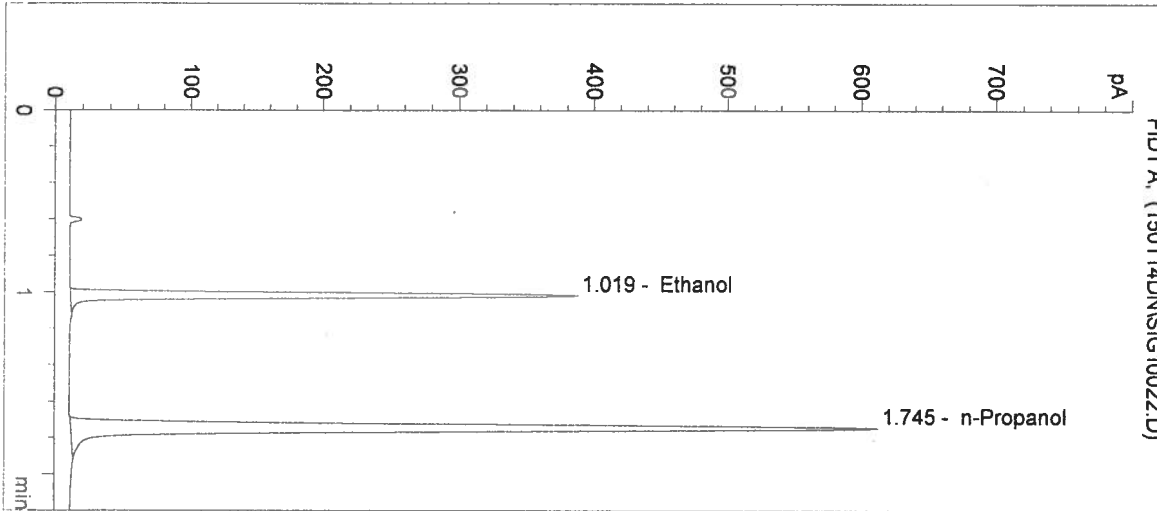
n-Propanol 0.012 g/100mL

for

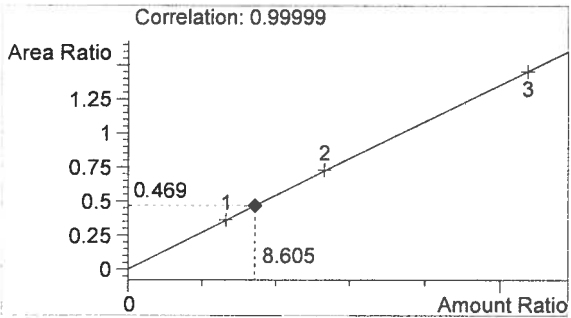
DN

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 2203 Airport Way S Seattle, WA 98134

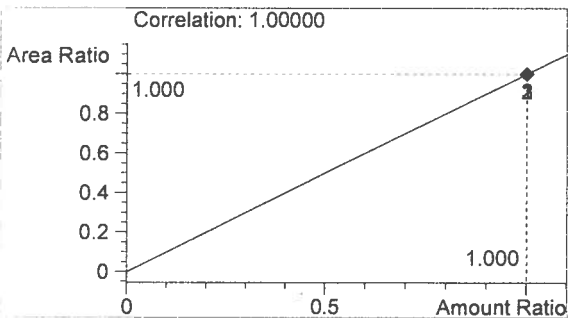
Inj. Date: 1/14/2015 10:39:20 AM Sample Name: POS CTRL (0.10)
 Instrument: HSGC#3 Operator: David Nguyen
 Column: DB-ALC2 Location: Vial 22
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info: POS CTRL: 0.10 g/100mL
 15005



#	Compound	Peak Area	RT (min)
1	Ethanol	754	1.019
2	n-Propanol	1608	1.745



Ethanol 0.103 g/100mL

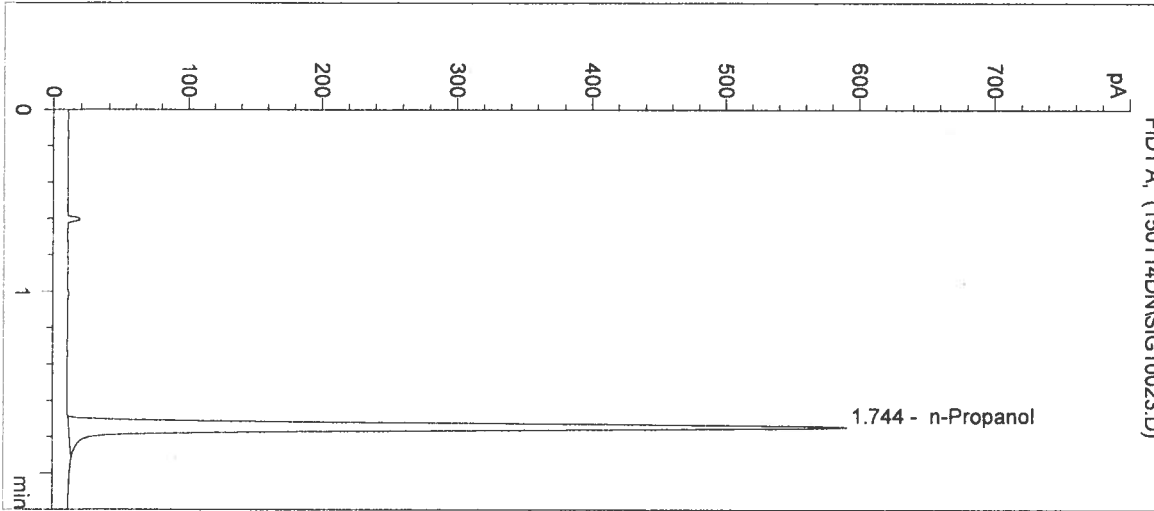


n-Propanol 0.012 g/100mL

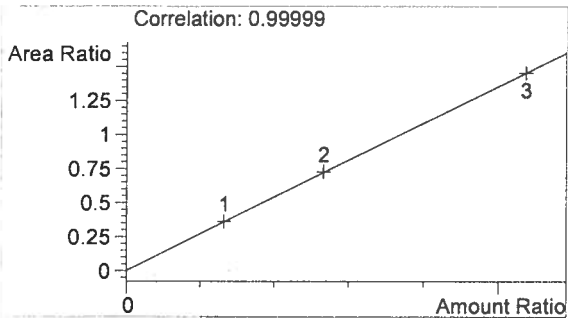
fr

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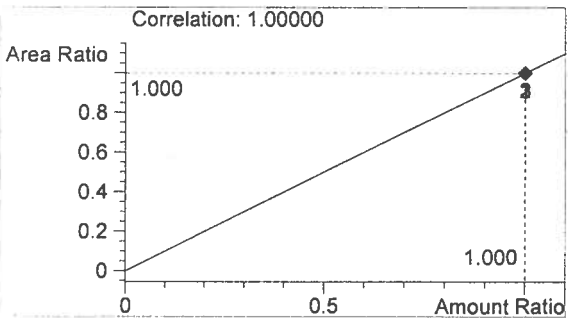
Inj. Date: 1/14/2015 10:42:33 AM Sample Name: NEG CTRL
 Instrument: HSGC#3 Operator: David Nguyen
 Column: DB-ALC2 Location: Vial 23
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info: 15005



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1553	1.744



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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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\2\DATA\
 Data Subdirectory: 150114NN
 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. 02/19/2015
 CAL 2: 0.158 g/100mL - Lot#: E0814-02 Exp. 02/19/2015
 CAL 3: 0.316 g/100mL - Lot#: E0814-03 Exp. 02/19/2015

 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#: P1114 Exp. 02/20/2015

 Calibration vials 1-9 filed with 15004.

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	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	15004 #1	SIMALC3	1	Sample		
11	Vial 11	15004 #2	SIMALC3	1	Sample		
12	Vial 12	15004 #3	SIMALC3	1	Sample		
13	Vial 13	15004 #4	SIMALC3	1	Sample		
14	Vial 14	15004 #5	SIMALC3	1	Sample		
15	Vial 15	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	15005 #1	SIMALC3	1	Sample		
18	Vial 18	15005 #2	SIMALC3	1	Sample		
19	Vial 19	15005 #3	SIMALC3	1	Sample		
20	Vial 20	15005 #4	SIMALC3	1	Sample		
21	Vial 21	15005 #5	SIMALC3	1	Sample		
22	Vial 22	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	15006 #1	SIMALC3	1	Sample		

15005
 Jan/27/15

ju

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	15006 #2	SIMALC3	1	Sample		
26	Vial 26	15006 #3	SIMALC3	1	Sample		
27	Vial 27	15006 #4	SIMALC3	1	Sample		
28	Vial 28	15006 #5	SIMALC3	1	Sample		
29	Vial 29	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	15007 #1	SIMALC3	1	Sample		
32	Vial 32	15007 #2	SIMALC3	1	Sample		
33	Vial 33	15007 #3	SIMALC3	1	Sample		
34	Vial 34	15007 #4	SIMALC3	1	Sample		
35	Vial 35	15007 #5	SIMALC3	1	Sample		
36	Vial 36	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		
38	Vial 38	15008 #1	SIMALC3	1	Sample		
39	Vial 39	15008 #2	SIMALC3	1	Sample		
40	Vial 40	15008 #3	SIMALC3	1	Sample		
41	Vial 41	15008 #4	SIMALC3	1	Sample		
42	Vial 42	15008 #5	SIMALC3	1	Sample		
43	Vial 43	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
44	Vial 44	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!

15005

7/1/15

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Inj. Date: 1/14/2015 5:38:41 PM

Sample Name: 15005 #1

Instrument: HSGC#3

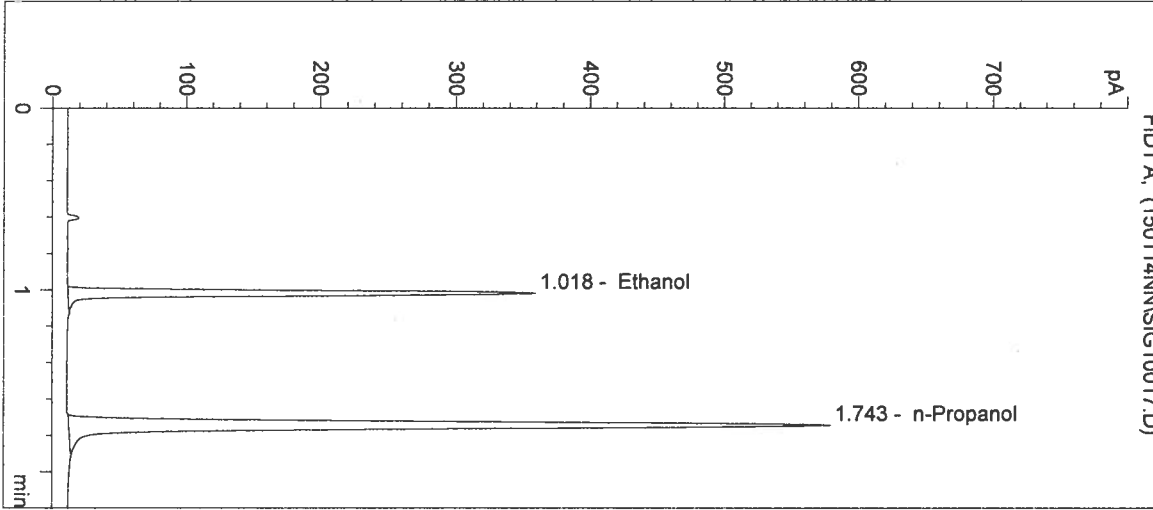
Operator: Naziha Nuwayhid, PhD

Column: DB-ALC2

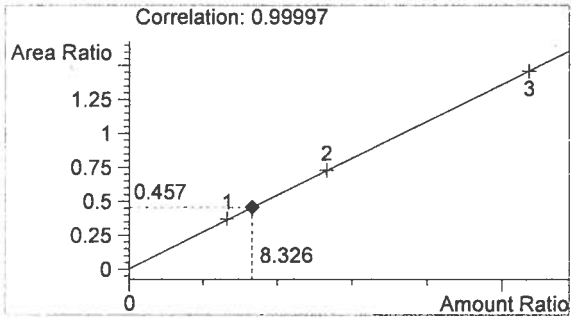
Location: Vial 17

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

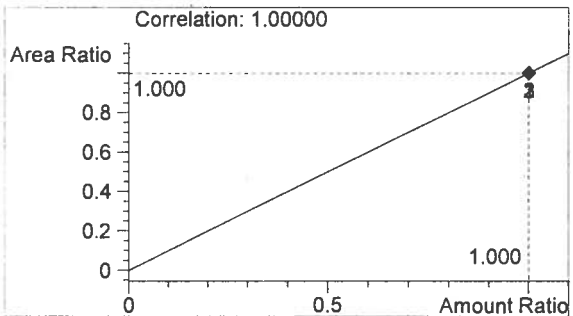
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	692	1.018
2	n-Propanol	1515	1.743



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 1/14/2015 5:41:55 PM

Sample Name: 15005 #2

Instrument: HSGC#3

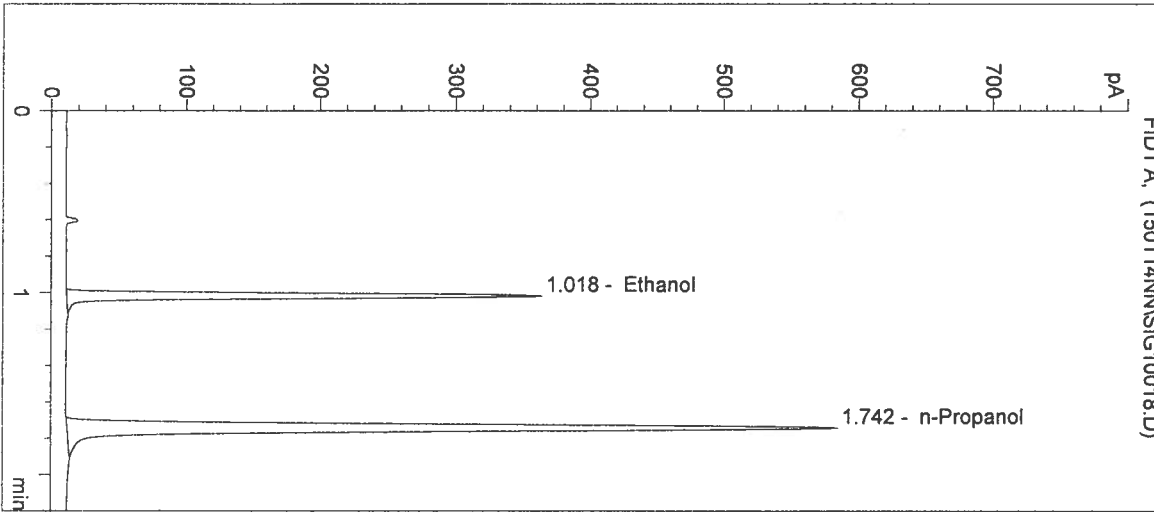
Operator: Naziha Nuwayhid, PhD

Column: DB-ALC2

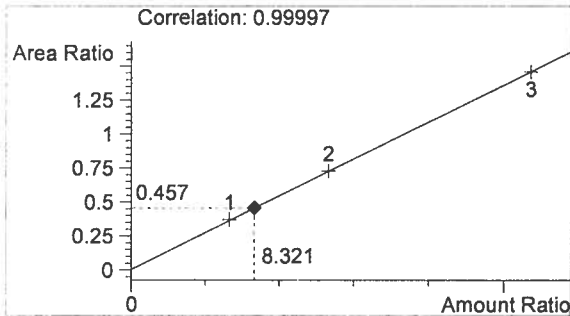
Location: Vial 18

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

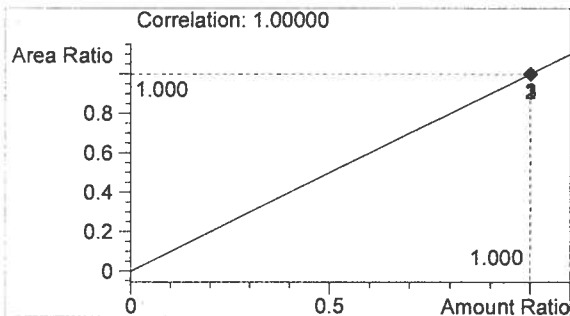
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	698	1.018
2	n-Propanol	1529	1.742



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

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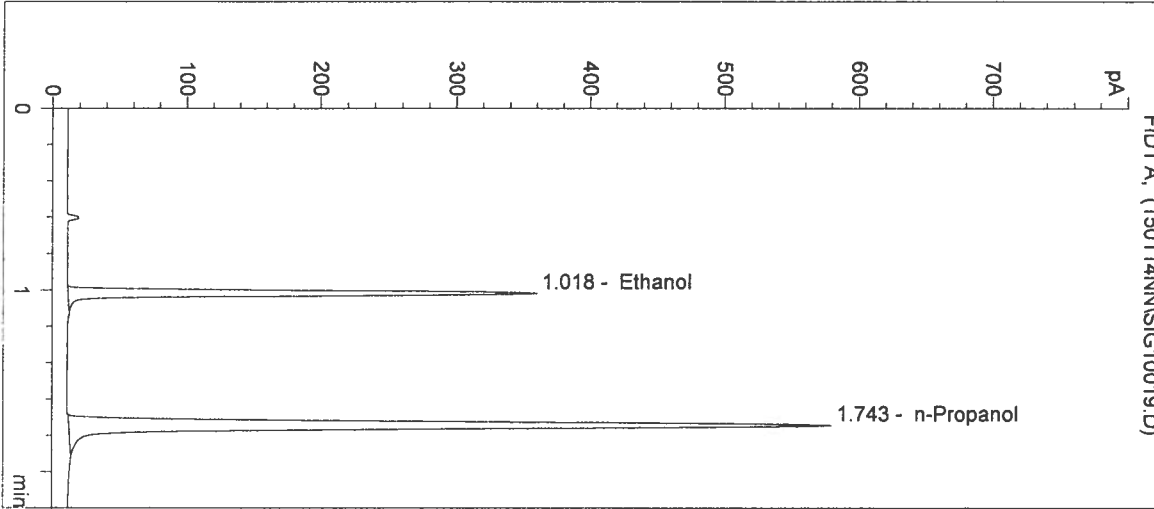
Handwritten mark

Inj. Date: 1/14/2015 5:45:08 PM
Instrument: HSGC#3

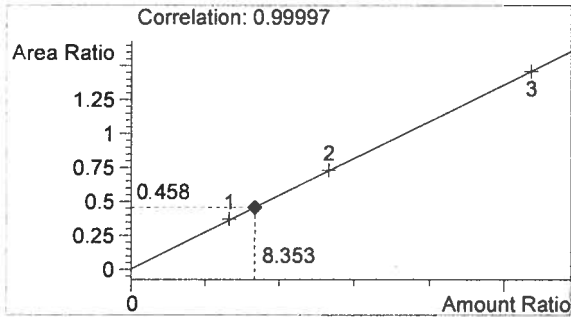
Sample Name: 15005 #3
Operator: Naziha Nuwayhid, PhD
Location: Vial 19

Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M

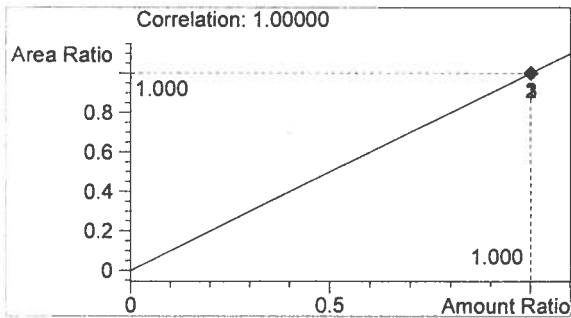
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	695	1.018
2	n-Propanol	1517	1.743



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 1/14/2015 5:48:21 PM

Sample Name: 15005 #4

Instrument: HSGC#3

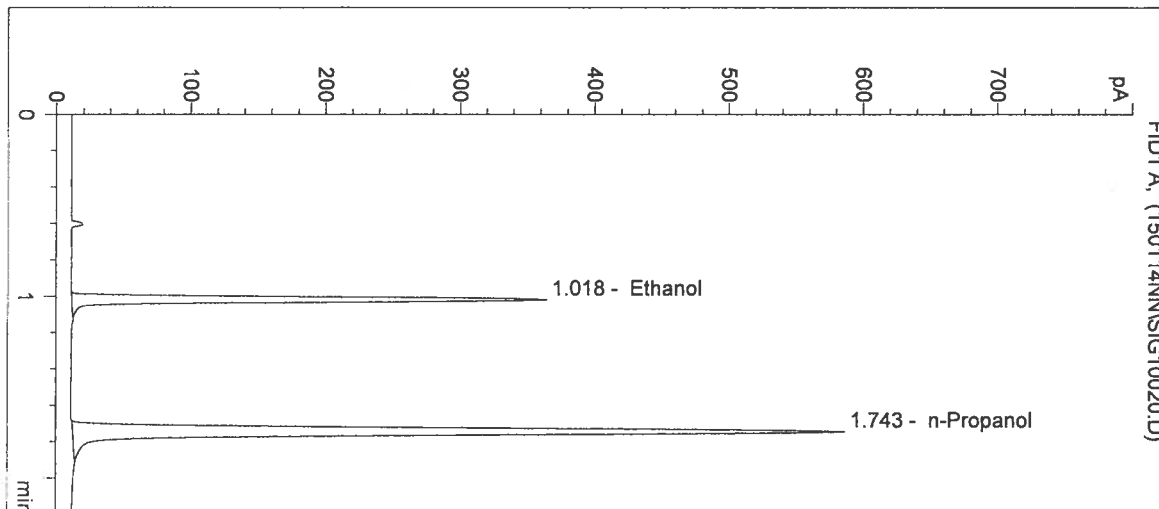
Operator: Naziha Nuwayhid, PhD

Column: DB-ALC2

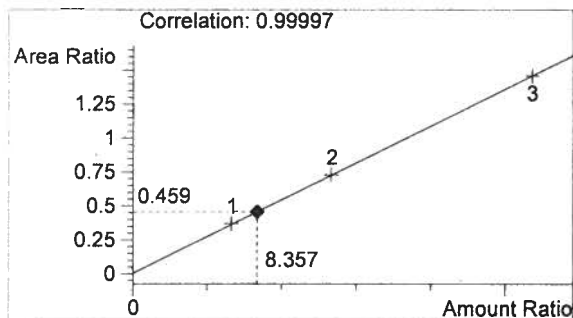
Location: Vial 20

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

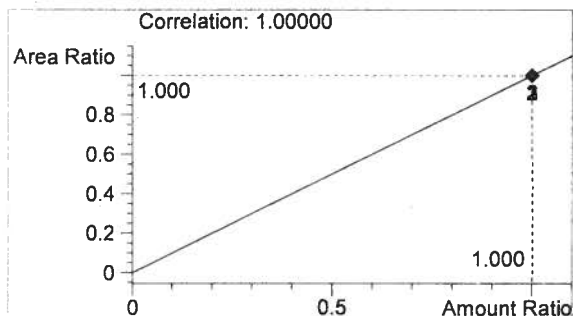
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	704	1.018
2	n-Propanol	1535	1.743



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 1/14/2015 5:51:35 PM

Sample Name: 15005 #5

Instrument: HSGC#3

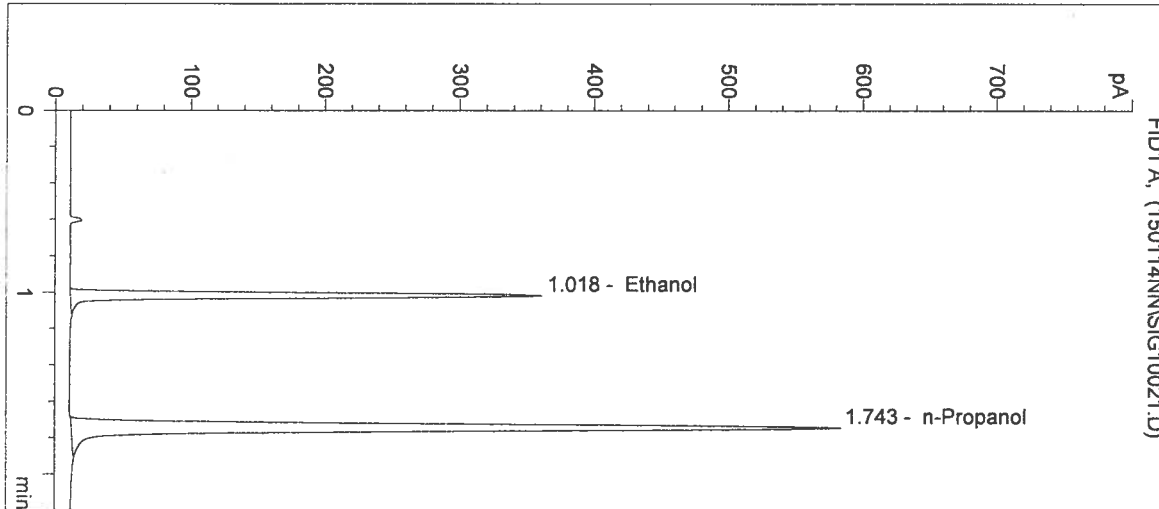
Operator: Naziha Nuwayhid, PhD

Column: DB-ALC2

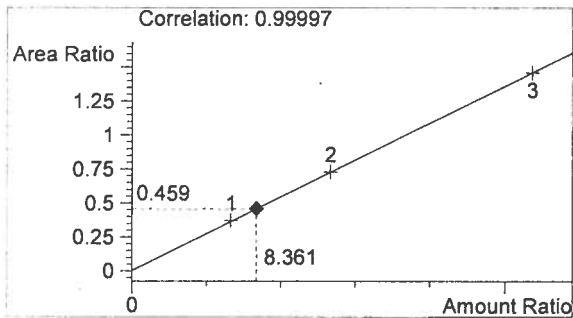
Location: Vial 21

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

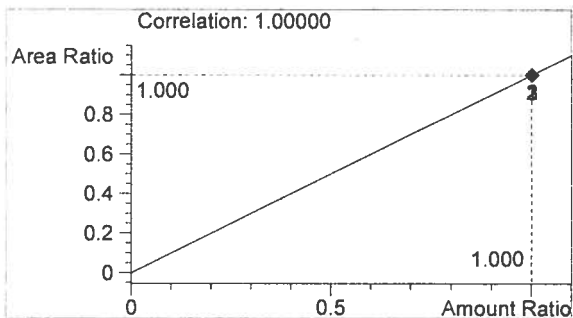
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.018
2	n-Propanol	1527	1.743



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 1/14/2015 5:54:48 PM

Sample Name: POS CTRL (0.10)

Instrument: HSGC#3

Operator: Naziha Nuwayhid, PhD

Column: DB-ALC2

Location: Vial 22

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

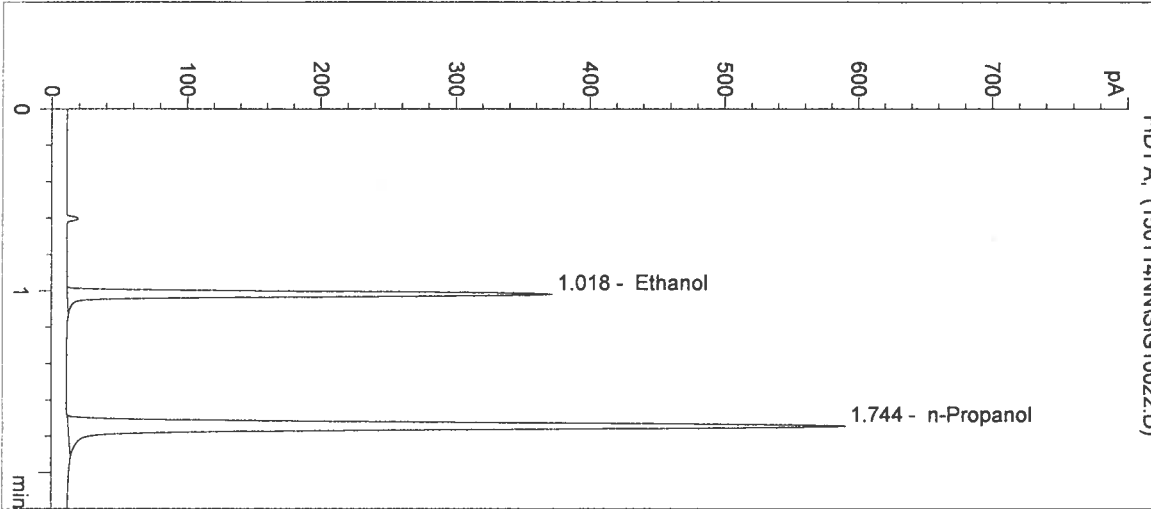
Sample Info: POS CTRL: 0.10 g/100mL

~~15004, 15005, 15006, 15007, 15008~~

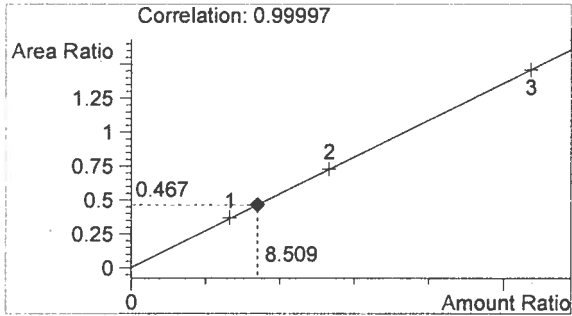
NW

1.15.13 NW

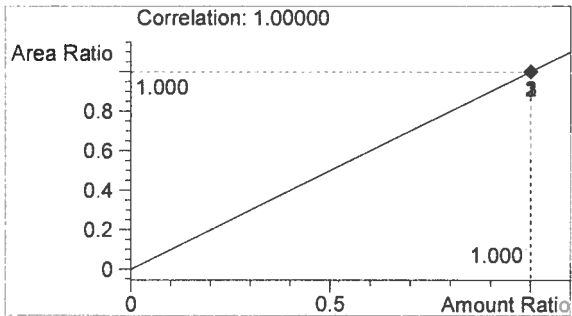
->



#	Compound	Peak Area	RT (min)
1	Ethanol	723	1.018
2	n-Propanol	1548	1.744



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

Lu

NW

Inj. Date: 1/14/2015 5:58:01 PM

Sample Name: NEG CTRL

Instrument: HSGC#3

Operator: Naziha Nuwayhid, PhD

Column: DB-ALC2

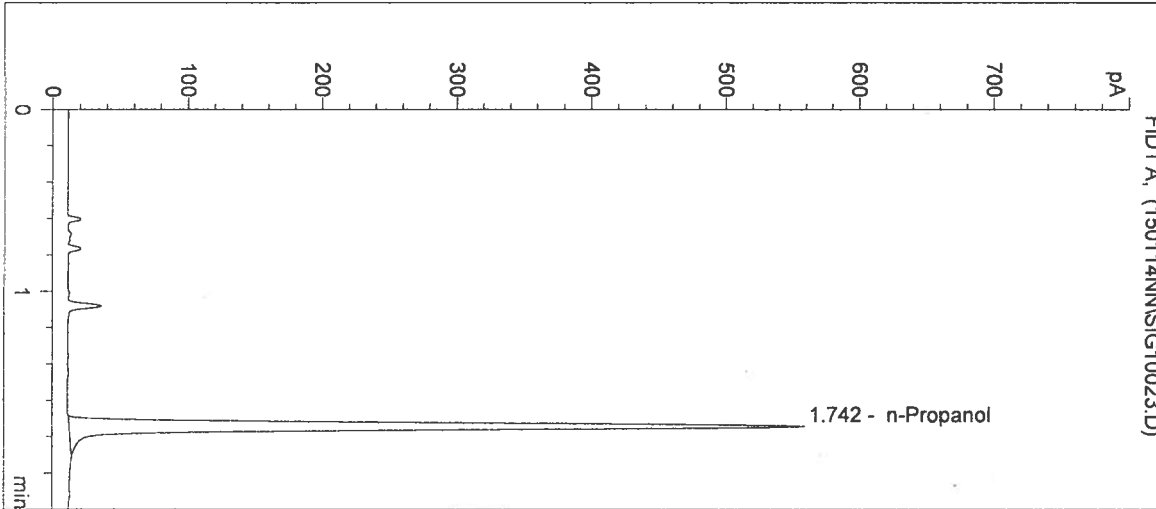
Location: Vial 23

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

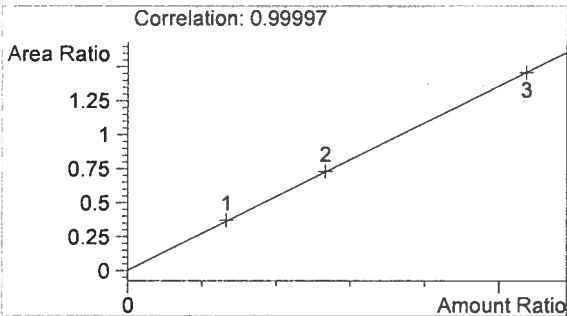
Sample Info: ~~15004~~, 15005, ~~15006~~, ~~15007~~, ~~15008~~

NW

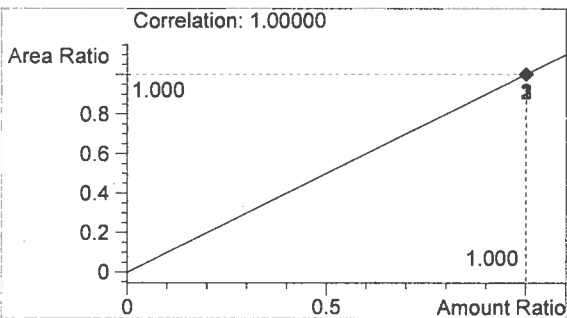
1.15.15 NW



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1458	1.742



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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NW