



**QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT**

**BATCH REPORT: 14058**

**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: 10/17/2014  
BATCH UNITS: g/100mL

IDENTITY: QAP Solution  
PREPARED BY: Christie Mitchell-Mata

	CM	LL	AG
1	0.100	0.100	0.100
2	0.100	0.100	0.099
3	0.100	0.100	0.099
4	0.100	0.100	0.100
5	0.100	0.101	0.100
C	0.100	0.101	0.101

**ETHANOL CONTROL INFORMATION**

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

**RESULTS OF TESTING**

AVERAGE SOLUTION CONCENTRATION: 0.0999 g/100mL PRECISION CV (%): 0.46  
STANDARD DEVIATION: 0.00046 NUMBER OF TESTS: 15



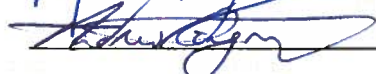
EQUIVALENT VAPOR CONCENTRATION: **0.0812 g/210L**  
EXPANDED UNCERTAINTY: ± 0.0018 (k=2, 95.45% confidence interval)

**WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION**

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

11/12/14  
DATE REPORT ISSUED

**THIS TESTING WAS PERFORMED BY:**

ANALYST	NAME	SIGNATURE	DATE TESTED
CM	Christie Mitchell-Mata		10/17/2014
LL	Lyndsey Lowe		10/23/2014
AG	Andrew Gingras		10/24/2014

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

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

QAP Solution Batch #: 14058

Date Prepared: 10/17/2014

Analyst:	CM	LL	AG
Date Tested:	10/17/2014	10/23/2014	10/24/2014
Instrument:	HSGC #3	HSGC #3	HSGC #3
1	0.100	0.100	0.100
2	0.100	0.100	0.099
3	0.100	0.100	0.099
4	0.100	0.100	0.100
5	0.100	0.101	0.100
C	0.100	0.101	0.101

CV <sup>2</sup> <sub>COA</sub>	CV <sup>2</sup> <sub>QAP Solution</sub>	CV <sup>2</sup> <sub>Control</sub>	CV <sup>2</sup> <sub>Part Coef</sub>
0.0000084100	0.0000013987	0.0000109644	0.0001016326

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

Average Solution Concentration: 0.0999 g/100mL  
Standard Deviation: 0.00046 g/100mL  
Precision CV (%): 0.46  
Equivalent Vapor Concentration: 0.0812 g/210L  
Combined Standard Uncertainty (±): 0.0009 g/210L  
Expanded Uncertainty (±): 0.0018 coverage factor (k) = 2 (95.45% level of confidence)

Calculations performed by: Lisa Noble [Signature] 10/31/14  
Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 11-7-2014  
Name Signature Date

Method: Hand calculation

Tech. review performed by: Lisa Noble [Signature] 10/31/14  
Name Signature Date

[Signature]

## SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black

Date: 11-7-2014

Location: WSP-FLSB Seattle, WA

Solution Batch Number: 14058

	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: 11-7-2014

Reviewer Signature: N/A as 11-7-14

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	<i>AG</i>	11/3/14
Asa Louis		
Brittany Ball		
Christie Mitchell-Mata	<i>CM</i>	10/31/14
Christopher Johnston		
Dawn Sklerov		
Justin Knoy		
Katie Knorr		
Lyndsey Lowe	<i>u</i>	10-31-14
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 14058 10/31/14

STATE TOXICOLOGY



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 14058**

I, Christie Mitchell-Mata, 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: BA degree in Chemistry, MFS degree in Forensic Science, and over four years experience in forensic toxicology.

The quality assurance procedure (QAP) solution, Lot Number 14058, was prepared in the Washington State Toxicology Laboratory on 10/17/2014. 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 10/17/2015.

Seattle, WA

10/31/14

Christie Mitchell-Mata

Date

Forensic Toxicologist



JAY INSLEE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
WASHINGTON STATE PATROL  
WASHINGTON STATE TOXICOLOGY LABORATORY

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**0.08 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION  
CERTIFICATION FOR LOT 14058**


I, Lyndsey Lowe, 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 14058, was prepared in the Washington State Toxicology Laboratory on 10/17/2014. 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 10/17/2015.

Seattle, WA

  
Lyndsey Lowe  
Forensic Toxicologist

10-31-14  
Date



JAY INSLEE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
WASHINGTON STATE PATROL  
WASHINGTON STATE TOXICOLOGY LABORATORY

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**0.08 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION  
CERTIFICATION FOR LOT 14058**

I, Andrew Gingras, 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 Cell and Molecular Biology and MS degree in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 14058, was prepared in the Washington State Toxicology Laboratory on 10/17/2014. 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 10/17/2015.

Seattle, WA

Andrew Gingras

Date

Forensic Toxicologist



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

Preparation Date: 10/17/14 Expiration Date: 10/17/15 Initials of Preparer: CA

Lot # of 200-proof Ethanol used in preparation: 2EK0002

Date the 200-proof Ethanol bottle was opened: 10/14/14

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>14057</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>14058</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>14059</u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>14060</u>
QAP 0.20	56.1	18	<input type="checkbox"/>	_____
ESS	66.5	52	<input type="checkbox"/>	_____

Stir bar is rotating

Stirred for minimum 30 minutes; 2 hours for ESS

Spigot purged

Aliquot taken

Batch labeled, packaged and sealed  Date 10/17/14

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:

14059 + 14060 - one data point out. Solutions not bottled; discarded in 10/27/14

[Signature]  
Analyst Signature

10/17/14  
Date

[Signature]



Sequence Parameters:

Operator: Christie Mitchell-Mata  
 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: 141017CM  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0814-01 - Exp. 02/19/2015  
 Ethanol Calibrator 2, E0814-02 - Exp. 02/19/2015  
 Ethanol Calibrator 3, E0814-03 - Exp. 02/19/2015  
 CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018  
 CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018  
 CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019  
 Internal Standard Lot#P0914 - Exp. 12/29/14

Calibration vials 1-9 filed with 14057.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	14057 #1	SIMALC3	1	Sample		
11	Vial 11	14057 #2	SIMALC3	1	Sample		
12	Vial 12	14057 #3	SIMALC3	1	Sample		
13	Vial 13	14057 #4	SIMALC3	1	Sample		
14	Vial 14	14057 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	14058 #1	SIMALC3	1	Sample		
18	Vial 18	14058 #2	SIMALC3	1	Sample		
19	Vial 19	14058 #3	SIMALC3	1	Sample		
20	Vial 20	14058 #4	SIMALC3	1	Sample		
21	Vial 21	14058 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	14059 #1	SIMALC3	1	Sample		
25	Vial 25	14059 #2	SIMALC3	1	Sample		
26	Vial 26	14059 #3	SIMALC3	1	Sample		

14058

*for 10/30/14*

*for*

*CM*

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	14059 #4	SIMALC3	1	Sample		
28	Vial 28	14059 #5	SIMALC3	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	14060 #1	SIMALC3	1	Sample		
32	Vial 32	14060 #2	SIMALC3	1	Sample		
33	Vial 33	14060 #3	SIMALC3	1	Sample		
<del>34</del>	<del>Vial 34</del>	<del>14060 #4</del>	<del>SIMALC3</del>	<del>1</del>	<del>Sample</del>		
35	Vial 35	14060 #5	SIMALC3	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

14058  
10/30/14



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

Inj. Date: 10/17/2014 12:08:03 PM

Sample Name: 14058 #1

Instrument: HSGC#3

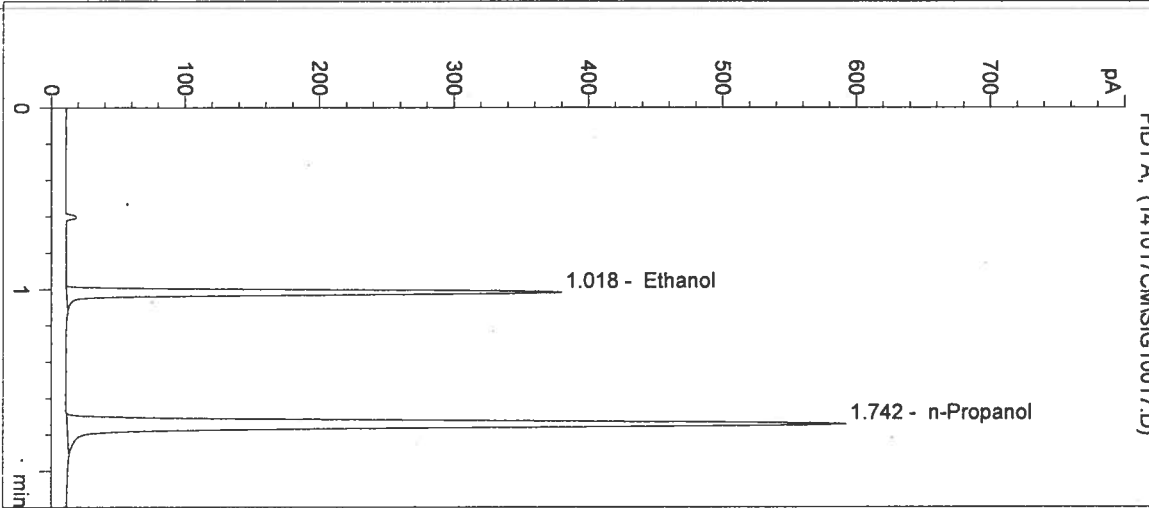
Operator: Christie Mitchell-Mata

Column: DB-ALC2

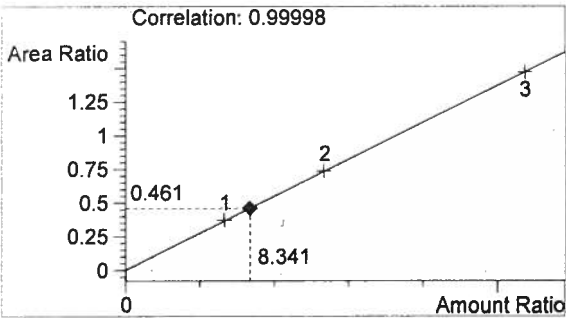
Location: Vial 17

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

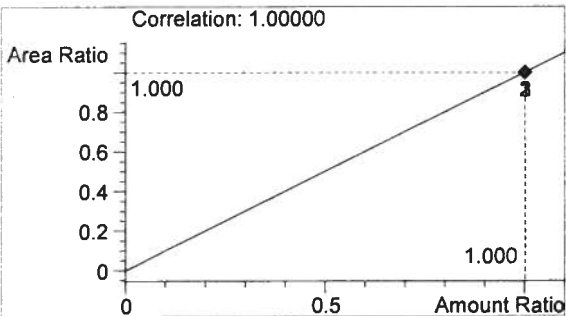
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	712	1.018
2	n-Propanol	1545	1.742



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

*Handwritten signature*

*Handwritten mark*

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

Inj. Date: 10/17/2014 12:11:15 PM

Sample Name: 14058 #2

Instrument: HSGC#3

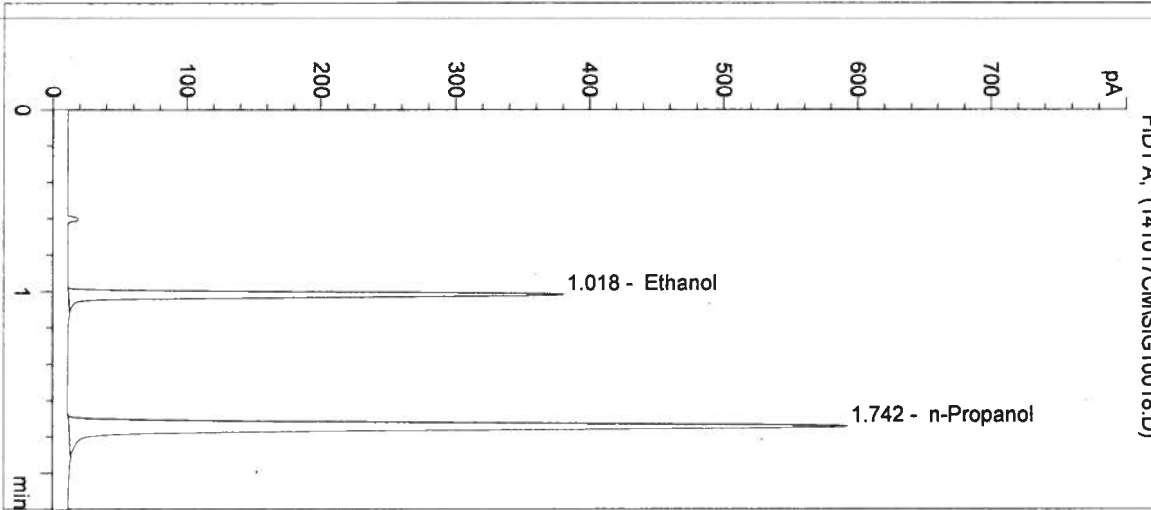
Operator: Christie Mitchell-Mata

Column: DB-ALC2

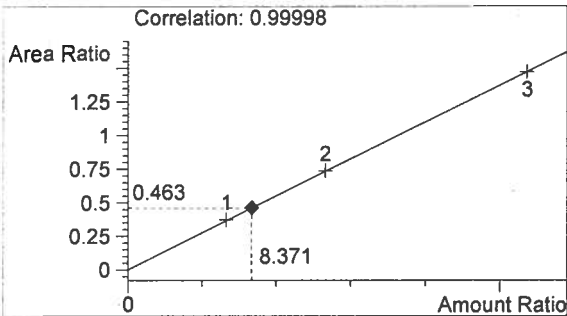
Location: Vial 18

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

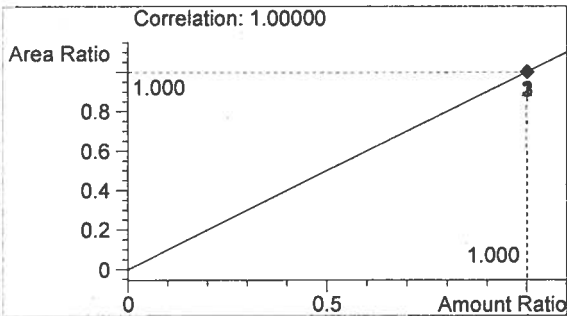
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	717	1.018
2	n-Propanol	1550	1.742



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

*Handwritten signature*

*Handwritten mark*

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

Inj. Date: 10/17/2014 12:14:29 PM

Sample Name: 14058 #3

Instrument: HSGC#3

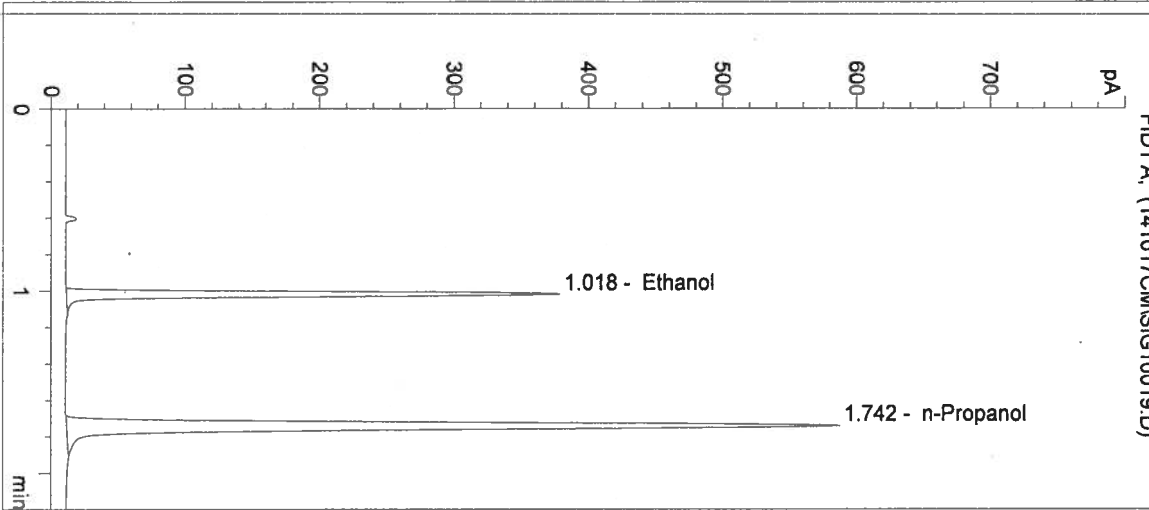
Operator: Christie Mitchell-Mata

Column: DB-ALC2

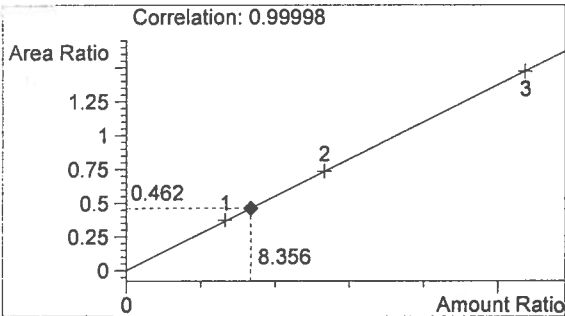
Location: Vial 19

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

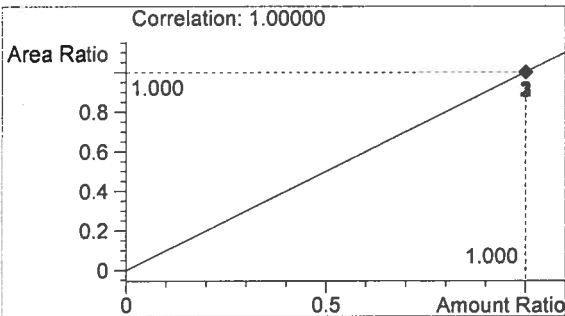
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	708	1.018
2	n-Propanol	1533	1.742



Ethanol 0.100 g/100mL



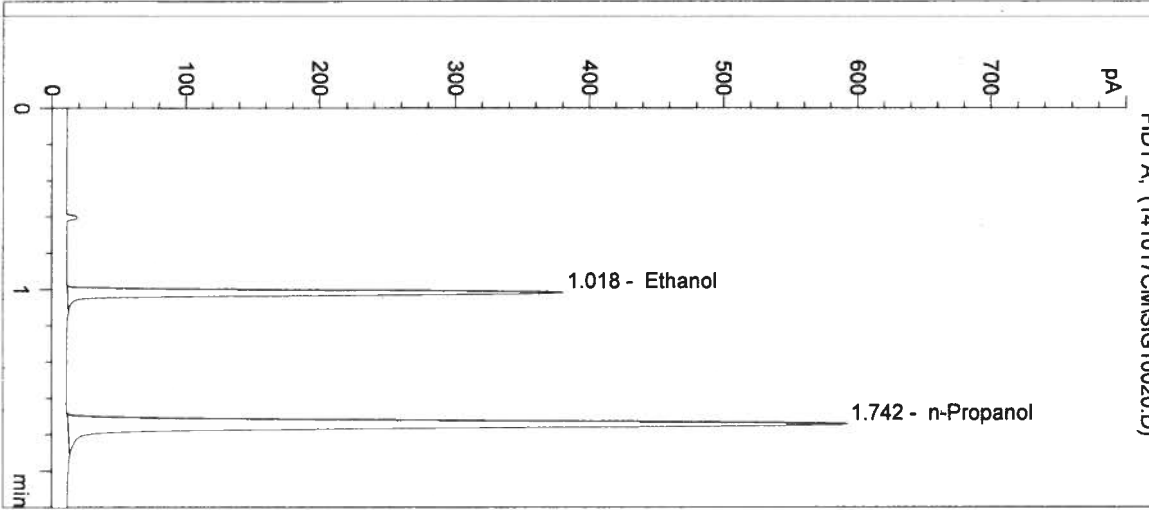
n-Propanol 0.012 g/100mL

*Handwritten signature*

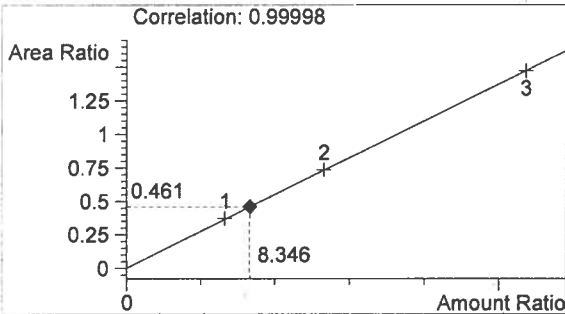
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 2203 Airport Way S Seattle, WA 98134

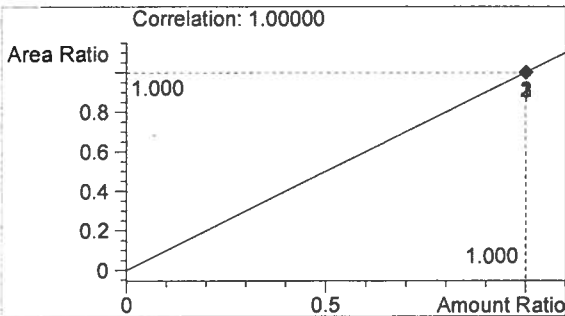
Inj. Date: 10/17/2014 12:17:41 PM      Sample Name: 14058 #4  
 Instrument: HSGC#3      Operator: Christie Mitchell-Mata  
 Column: DB-ALC2      Location: Vial 20  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	713	1.018
2	n-Propanol	1545	1.742



Ethanol      0.100 g/100mL



n-Propanol      0.012 g/100mL

*Handwritten signature*

*Handwritten mark*

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

Inj. Date: 10/17/2014 12:20:54 PM

Sample Name: 14058 #5

Instrument: HSGC#3

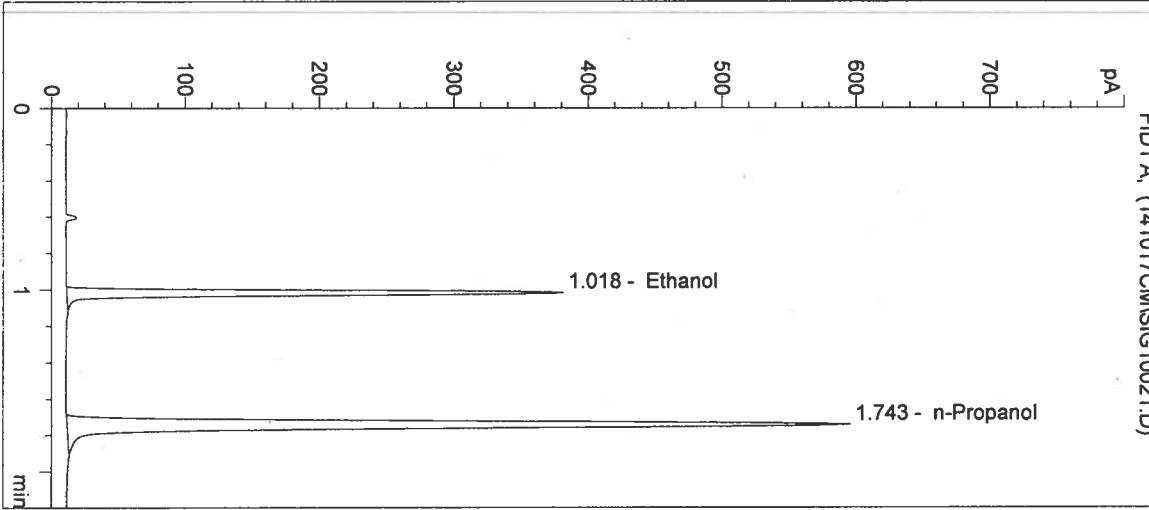
Operator: Christie Mitchell-Mata

Column: DB-ALC2

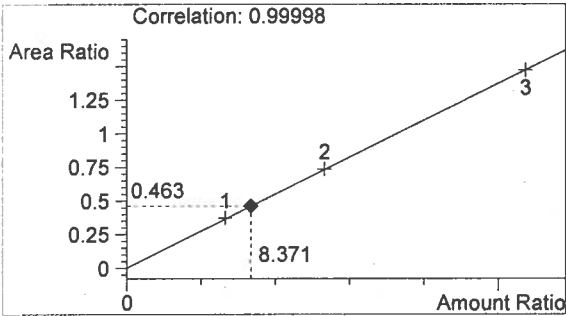
Location: Vial 21

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

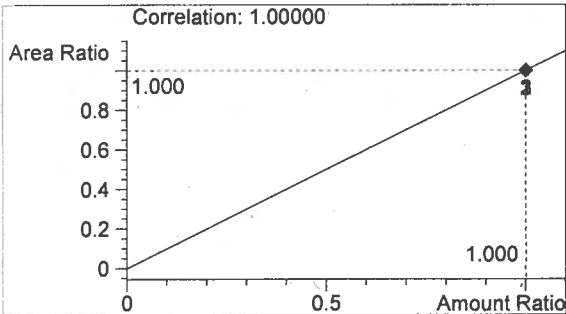
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	722	1.018
2	n-Propanol	1561	1.743



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

*f*

*u*

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

Inj. Date: 10/17/2014 12:24:07 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#3

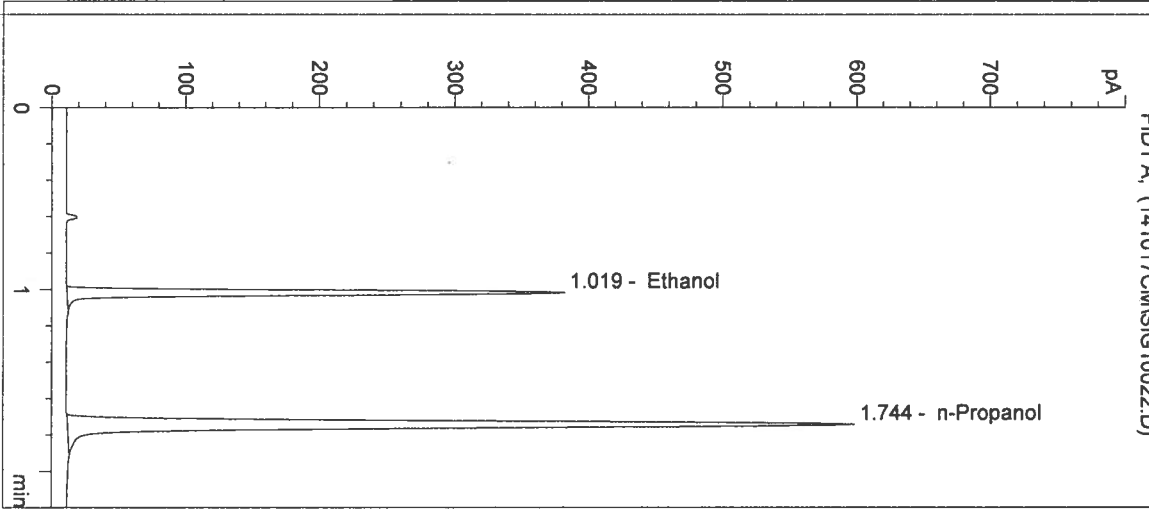
Operator: Christie Mitchell-Mata

Column: DB-ALC2

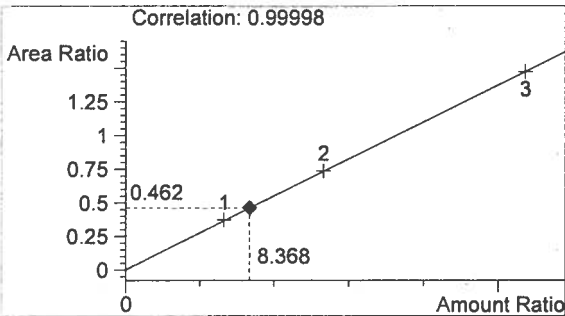
Location: Vial 22

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

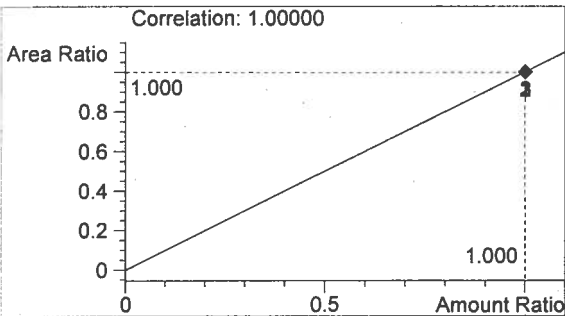
Sample Info: 14058



#	Compound	Peak Area	RT (min)
1	Ethanol	724	1.019
2	n-Propanol	1565	1.744



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

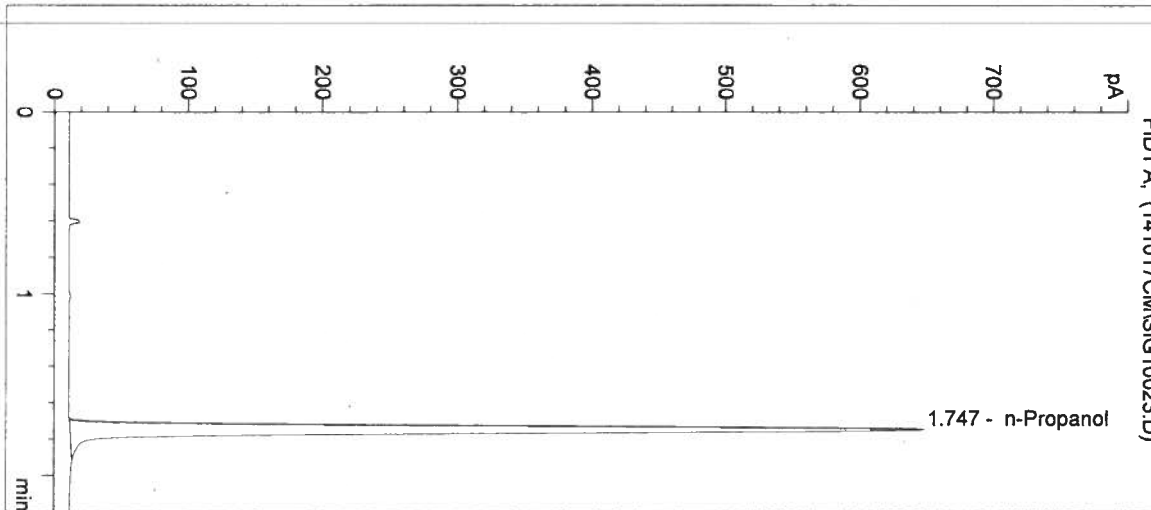
*Handwritten signature*

*Handwritten mark*

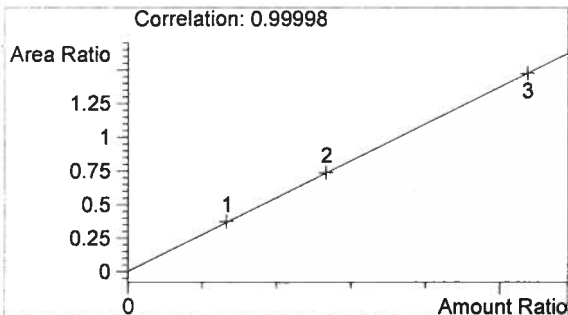


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2203 Airport Way S Seattle, WA 98134

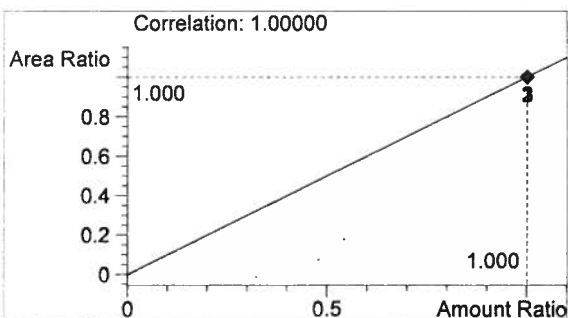
Inj. Date: 10/17/2014 12:27:20 PM      Sample Name: NEG CTRL  
Instrument: HSGC#3      Operator: Christie Mitchell-Mata  
Column: DB-ALC2      Location: Vial 23  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info: 14058



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1696	1.747



Ethanol      0.000 g/100mL



n-Propanol      0.012 g/100mL

*fm*

*W*

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: 141023LL  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0814-01 - Exp. 02/19/2015  
 Ethanol Calibrator 2, E0814-02 - Exp. 02/19/2015  
 Ethanol Calibrator 3, E0814-03 - Exp. 02/19/2015  
 CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018  
 CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018  
 CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019  
 Internal Standard Lot#P0914 - Exp. 12/29/14

Calibration vials 1-9 filed with 14057.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	14057 #1	SIMALC3	1	Sample		
11	Vial 11	14057 #2	SIMALC3	1	Sample		
12	Vial 12	14057 #3	SIMALC3	1	Sample		
13	Vial 13	14057 #4	SIMALC3	1	Sample		
14	Vial 14	14057 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	14058 #1	SIMALC3	1	Sample		
18	Vial 18	14058 #2	SIMALC3	1	Sample		
19	Vial 19	14058 #3	SIMALC3	1	Sample		
20	Vial 20	14058 #4	SIMALC3	1	Sample		
21	Vial 21	14058 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	14061 #1	SIMALC3	1	Sample		
25	Vial 25	14061 #2	SIMALC3	1	Sample		
26	Vial 26	14061 #3	SIMALC3	1	Sample		

14058

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Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	14061 #4	SIMALC3	1	Sample		
28	Vial 28	14061 #5	SIMALC3	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	14062 #1	SIMALC3	1	Sample		
32	Vial 32	14062 #2	SIMALC3	1	Sample		
33	Vial 33	14062 #3	SIMALC3	1	Sample		
34	Vial 34	14062 #4	SIMALC3	1	Sample		
35	Vial 35	14062 #5	SIMALC3	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

14058

7/10/30/14

*Handwritten signature*

Inj. Date: 10/23/2014 4:45:46 PM

Sample Name: 14058 #1

Instrument: HSGC#3

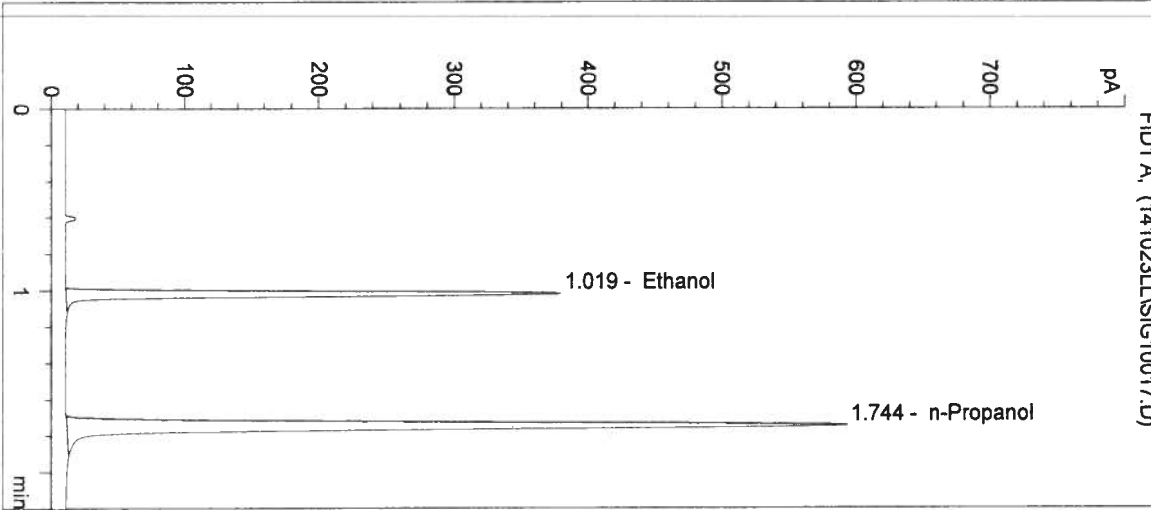
Operator: Lyndsey Lowe

Column: DB-ALC2

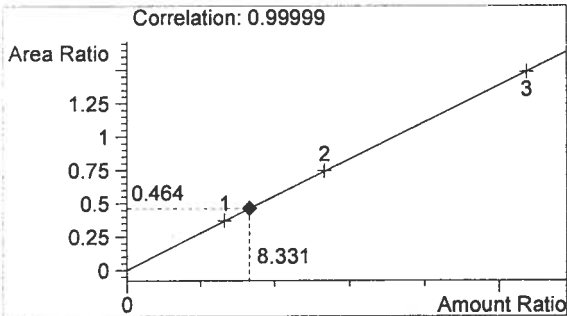
Location: Vial 17

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

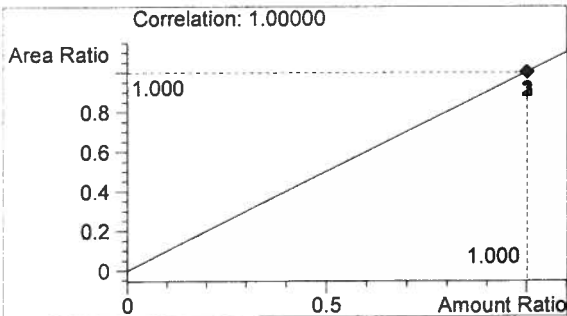
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	721	1.019
2	n-Propanol	1553	1.744



Ethanol 0.100 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: 10/23/2014 4:48:59 PM

Sample Name: 14058 #2

Instrument: HSGC#3

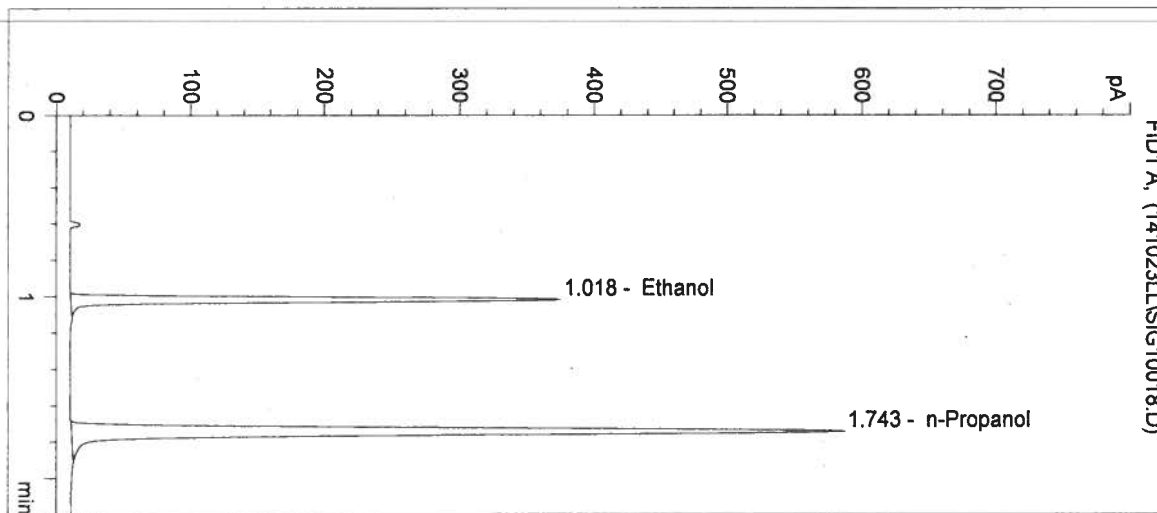
Operator: Lyndsey Lowe

Column: DB-ALC2

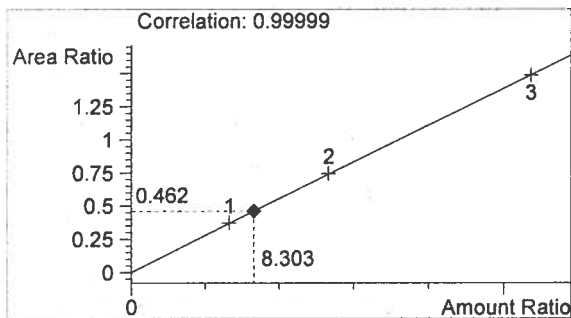
Location: Vial 18

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

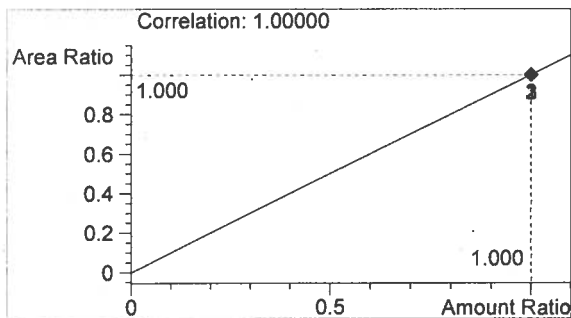
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	710	1.018
2	n-Propanol	1535	1.743



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

*for u*

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

Inj. Date: 10/23/2014 4:52:12 PM

Sample Name: 14058 #3

Instrument: HSGC#3

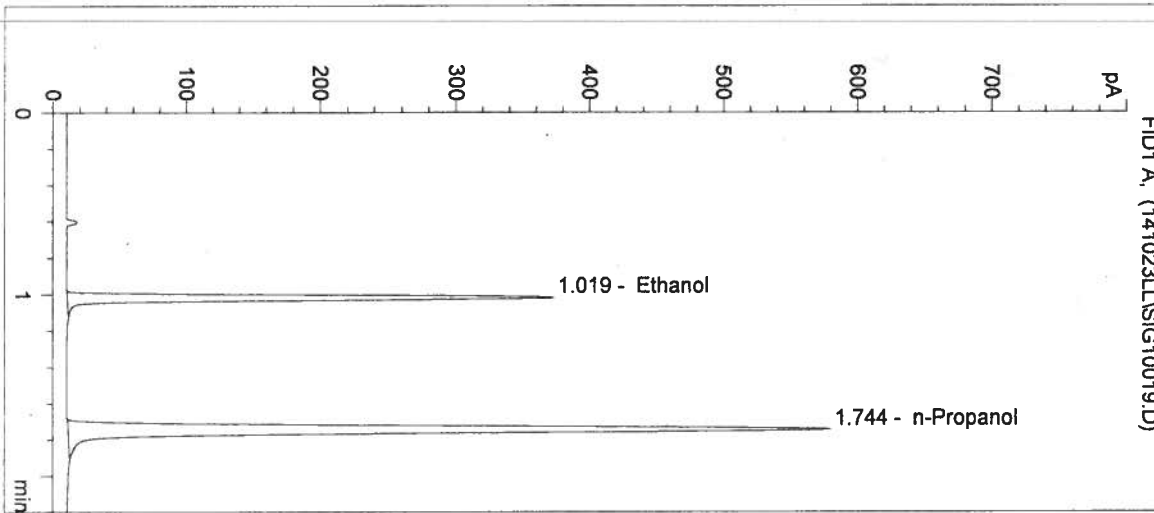
Operator: Lyndsey Lowe

Column: DB-ALC2

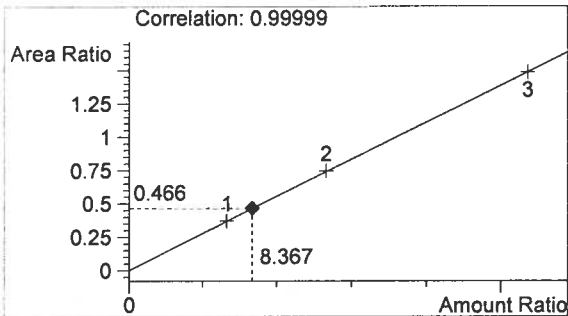
Location: Vial 19

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

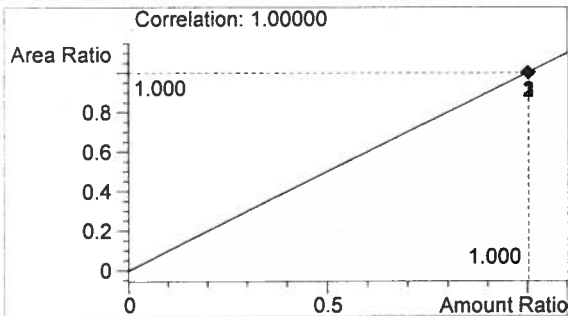
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	704	1.019
2	n-Propanol	1511	1.744



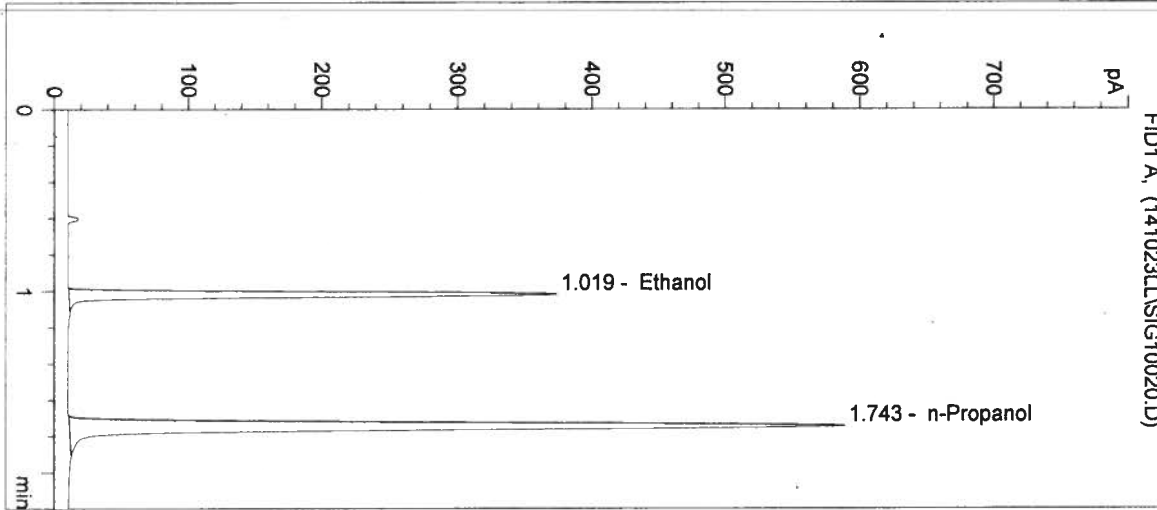
Ethanol 0.100 g/100mL



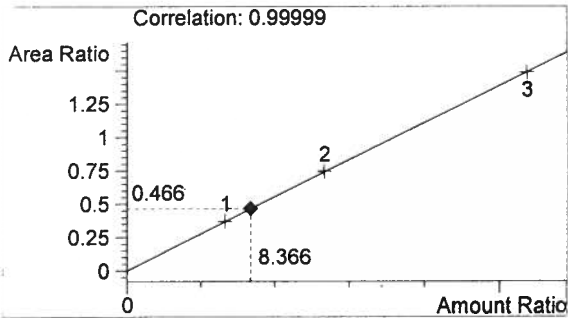
n-Propanol 0.012 g/100mL

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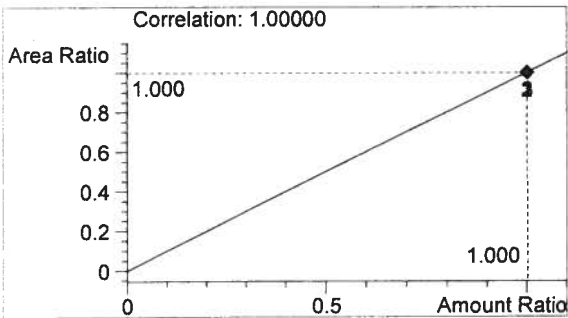
Inj. Date: 10/23/2014 4:55:26 PM      Sample Name: 14058 #4  
 Instrument: HSGC#3      Operator: Lyndsey Lowe  
 Column: DB-ALC2      Location: Vial 20  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	717	1.019
2	n-Propanol	1540	1.743



Ethanol      0.100 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: 10/23/2014 4:58:39 PM

Sample Name: 14058 #5

Instrument: HSGC#3

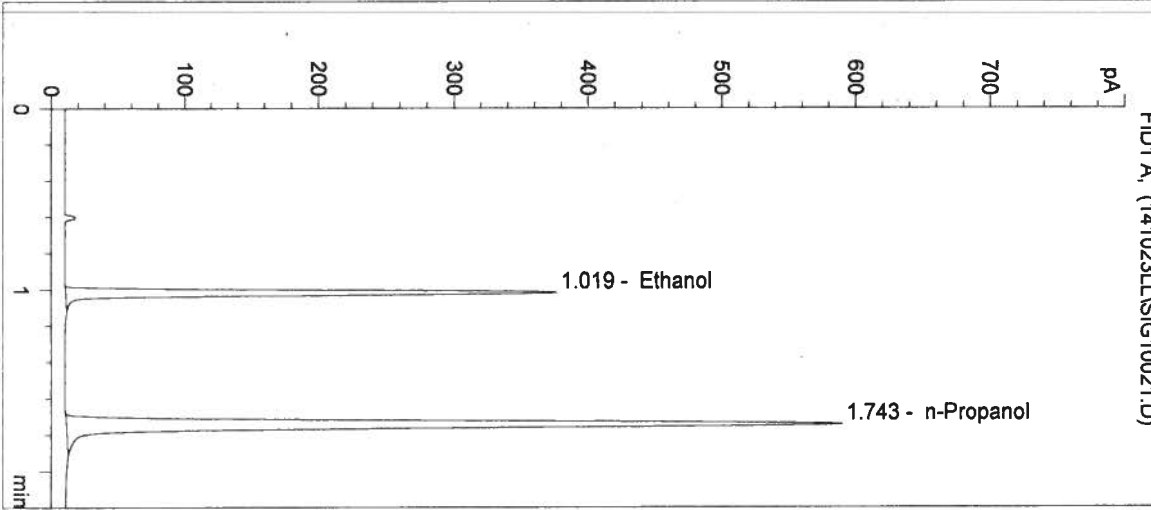
Operator: Lyndsey Lowe

Column: DB-ALC2

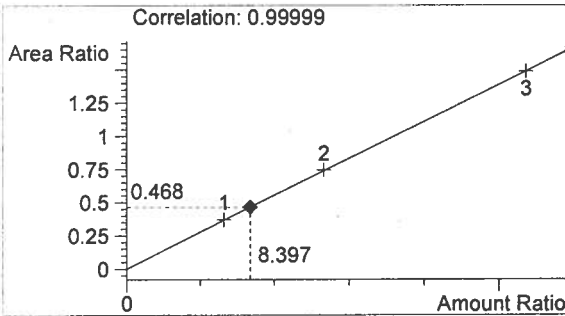
Location: Vial 21

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

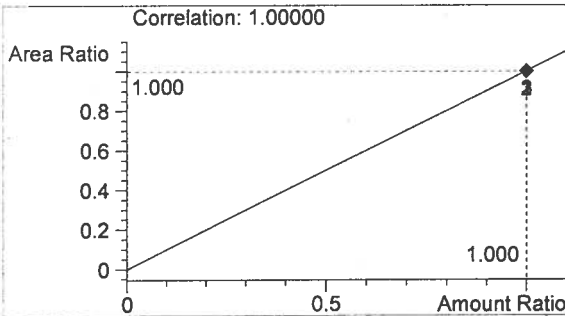
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	723	1.019
2	n-Propanol	1546	1.743



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

*lu*



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

Inj. Date: 10/23/2014 5:01:52 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#3

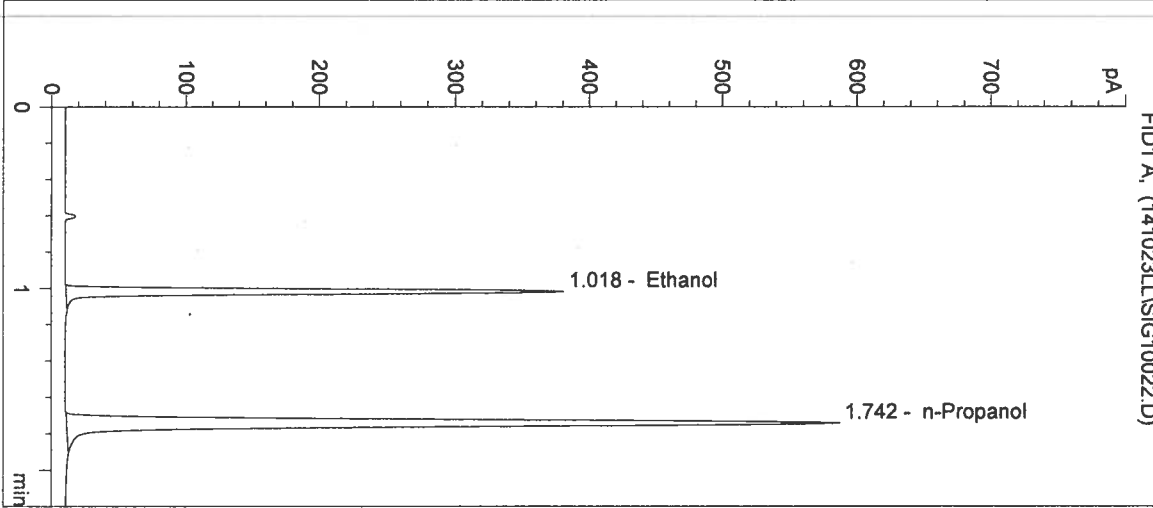
Operator: Lyndsey Lowe

Column: DB-ALC2

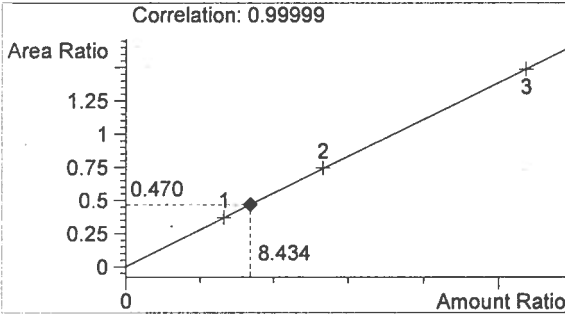
Location: Vial 22

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

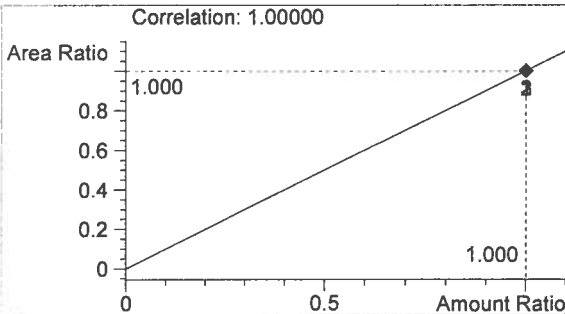
Sample Info: 14058



#	Compound	Peak Area	RT (min)
1	Ethanol	722	1.018
2	n-Propanol	1537	1.742



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: 10/23/2014 5:05:06 PM

Sample Name: NEG CTRL

Instrument: HSGC#3

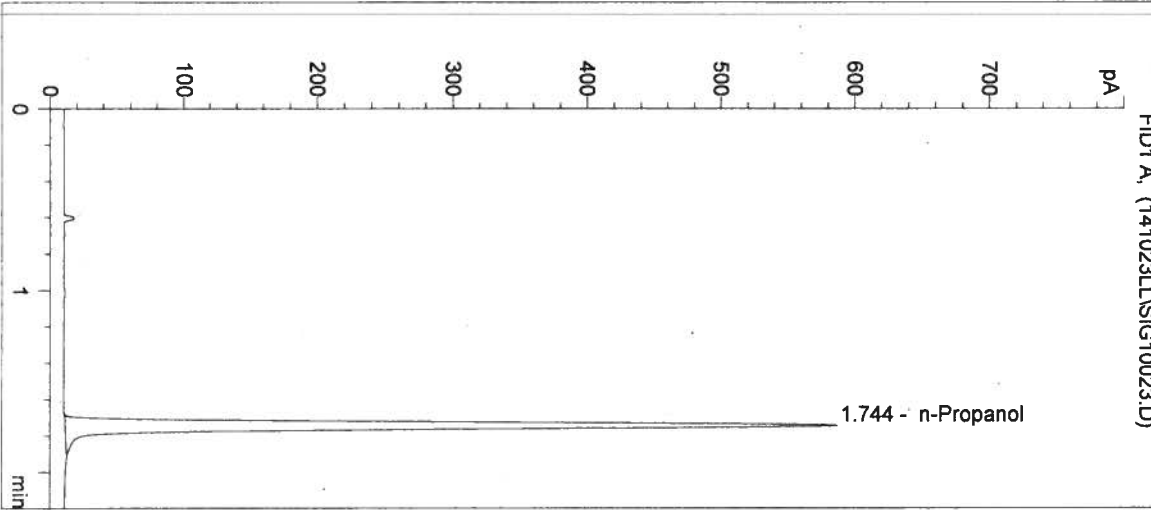
Operator: Lyndsey Lowe

Column: DB-ALC2

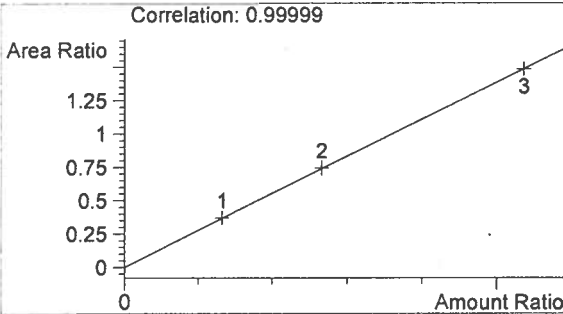
Location: Vial 23

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

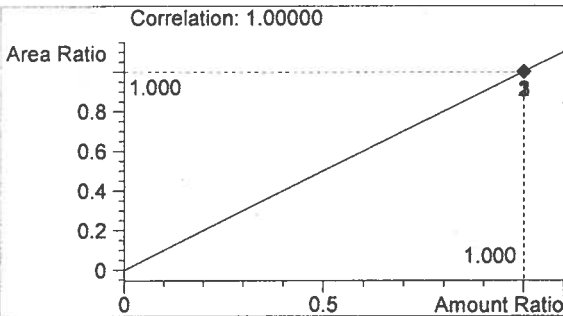
Sample Info: 14058



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1536	1.744



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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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\2\DATA\  
 Data Subdirectory: 141024AG  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0814-01 - Exp. 02/19/2015  
 Ethanol Calibrator 2, E0814-02 - Exp. 02/19/2015  
 Ethanol Calibrator 3, E0814-03 - Exp. 02/19/2015  
 CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018  
 CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018  
 CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019  
 Internal Standard Lot#P0914 - Exp. 12/29/14

Calibration vials 1-9 filed with 14057.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	14057 #1	SIMALC3	1	Sample		
11	Vial 11	14057 #2	SIMALC3	1	Sample		
12	Vial 12	14057 #3	SIMALC3	1	Sample		
13	Vial 13	14057 #4	SIMALC3	1	Sample		
14	Vial 14	14057 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	14058 #1	SIMALC3	1	Sample		
18	Vial 18	14058 #2	SIMALC3	1	Sample		
19	Vial 19	14058 #3	SIMALC3	1	Sample		
20	Vial 20	14058 #4	SIMALC3	1	Sample		
21	Vial 21	14058 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	14061 #1	SIMALC3	1	Sample		
25	Vial 25	14061 #2	SIMALC3	1	Sample		
26	Vial 26	14061 #3	SIMALC3	1	Sample		

14058 AB 11-7-14  
 14057 AB 11-7-14  
 In 10/30/14

h  


Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	14061 #4	SIMALC3	1	Sample		
28	Vial 28	14061 #5	SIMALC3	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	14062 #1	SIMALC3	1	Sample		
32	Vial 32	14062 #2	SIMALC3	1	Sample		
33	Vial 33	14062 #3	SIMALC3	1	Sample		
34	Vial 34	14062 #4	SIMALC3	1	Sample		
35	Vial 35	14062 #5	SIMALC3	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

14058<sup>08</sup> 11-7-14

14057 AB 11-7-14

2 10/30/14

*J*

Added batch ID 10/21/14  
11/7/14  
14024 AC  
*JG*

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

Inj. Date: 10/24/2014 8:32:18 AM

Sample Name: 14058 #1

Instrument: HSGC#3

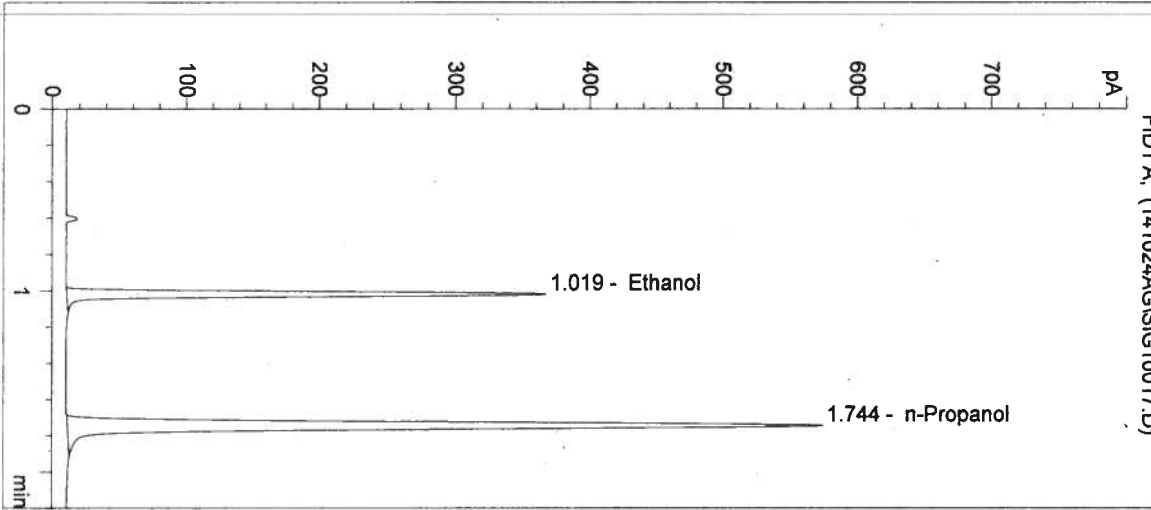
Operator: Andrew Gingras

Column: DB-ALC2

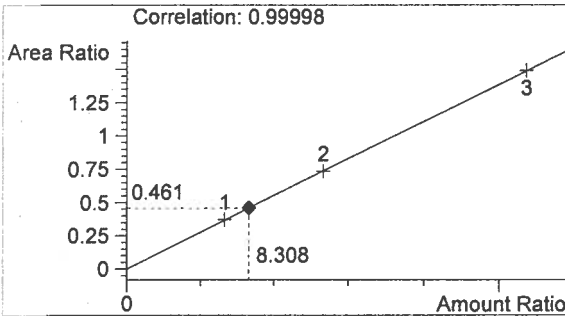
Location: Vial 17

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

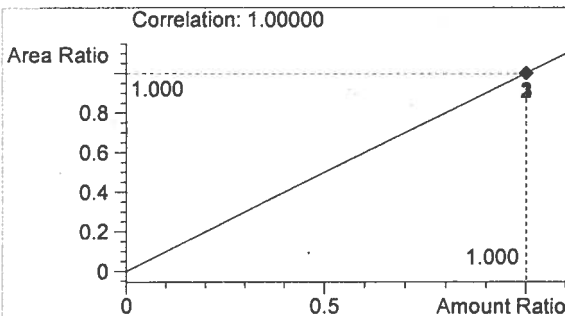
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	694	1.019
2	n-Propanol	1504	1.744



Ethanol 0.100 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: 10/24/2014 8:35:31 AM

Sample Name: 14058 #2

Instrument: HSGC#3

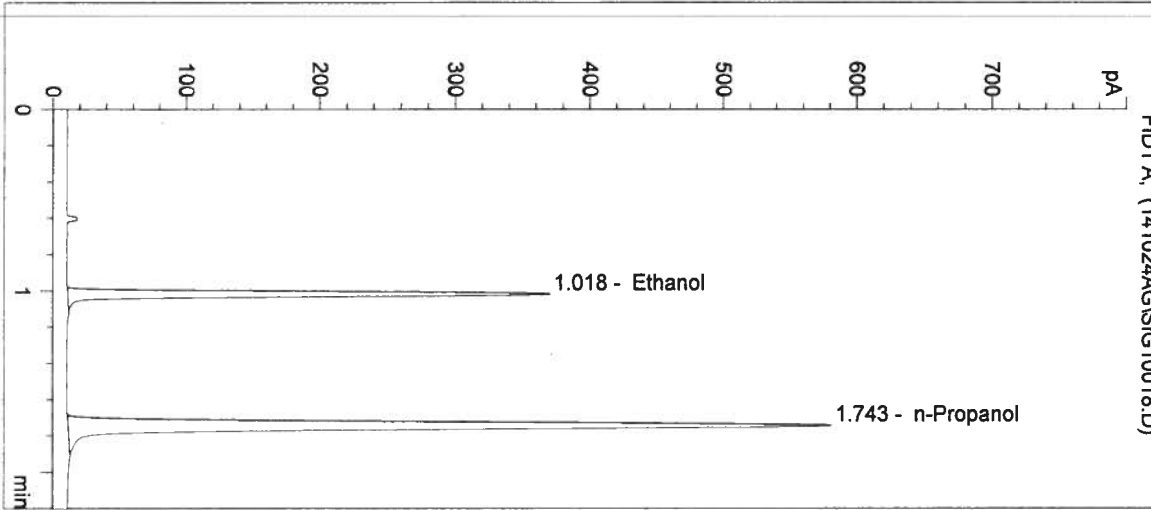
Operator: Andrew Gingras

Column: DB-ALC2

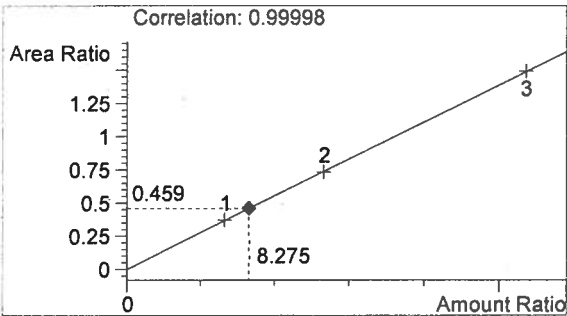
Location: Vial 18

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

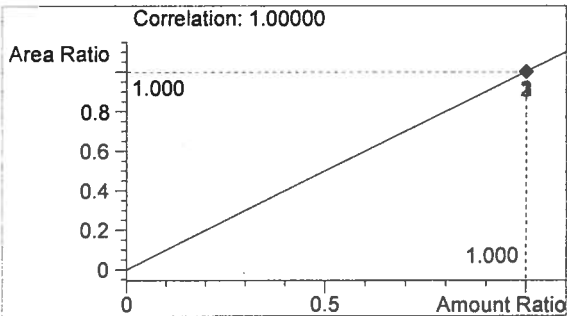
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	700	1.018
2	n-Propanol	1522	1.743



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 10/24/2014 8:38:45 AM

Sample Name: 14058 #3

Instrument: HSGC#3

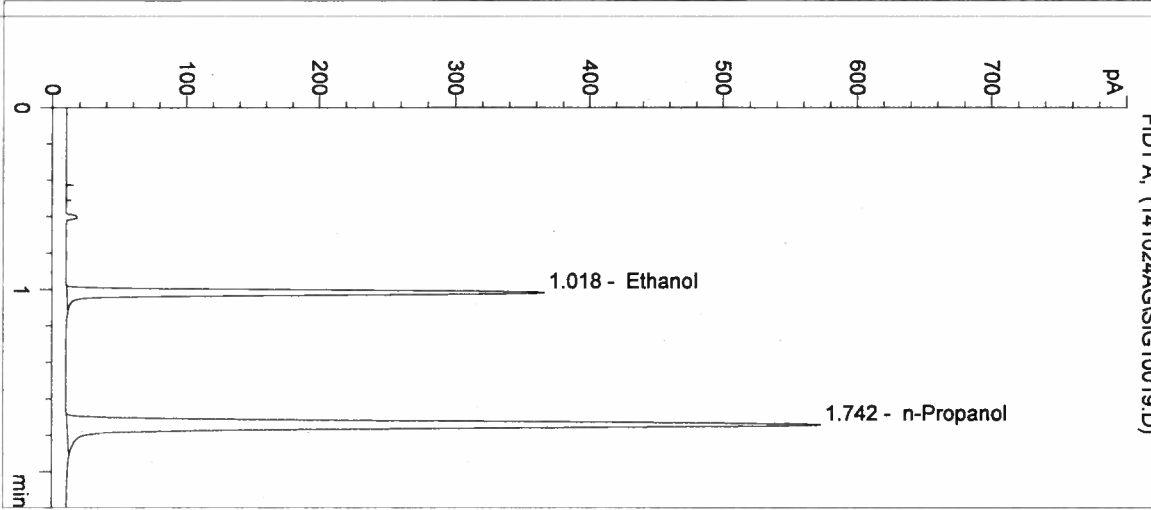
Operator: Andrew Gingras

Column: DB-ALC2

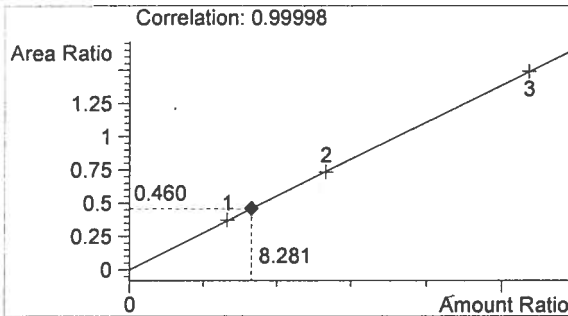
Location: Vial 19

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

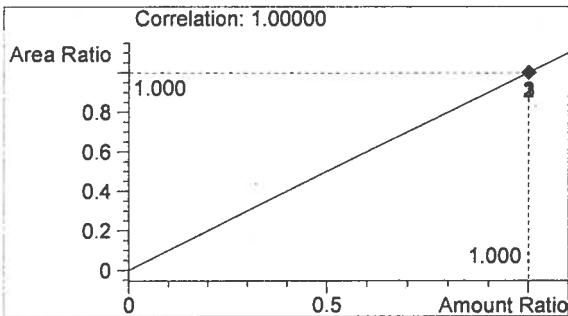
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	689	1.018
2	n-Propanol	1498	1.742



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

*f*

*AC*

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

Inj. Date: 10/24/2014 8:41:57 AM

Sample Name: 14058 #4

Instrument: HSGC#3

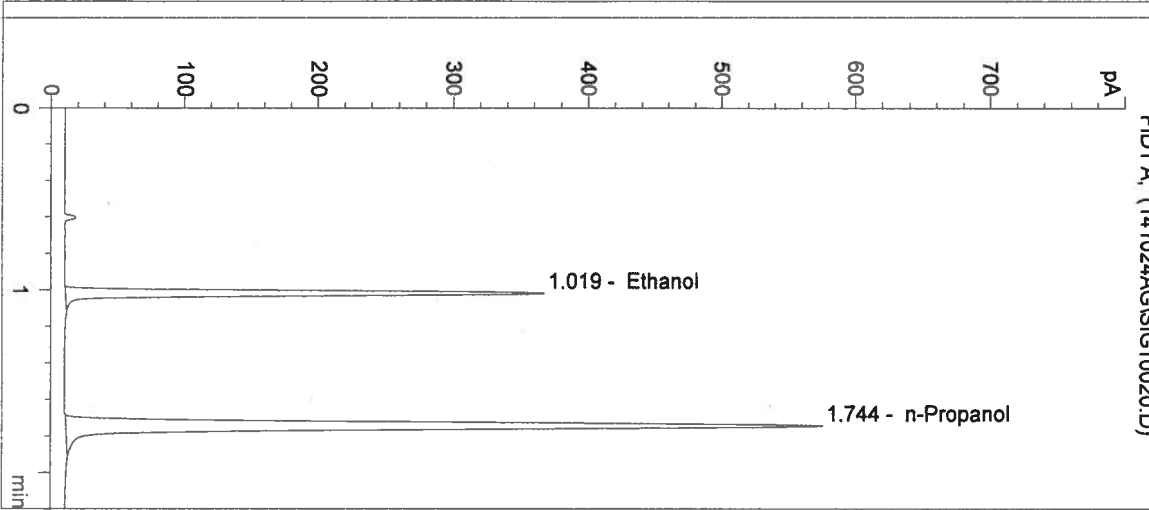
Operator: Andrew Gingras

Column: DB-ALC2

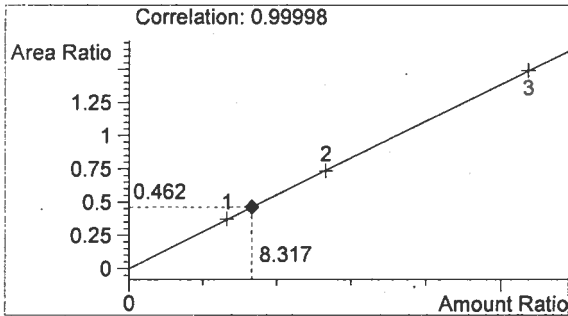
Location: Vial 20

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

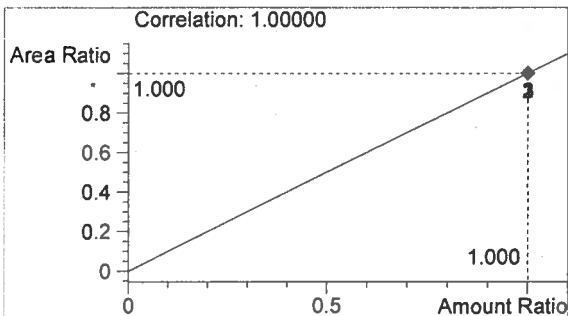
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	697	1.019
2	n-Propanol	1510	1.744



Ethanol 0.100 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: 10/24/2014 8:45:11 AM

Sample Name: 14058 #5

Instrument: HSGC#3

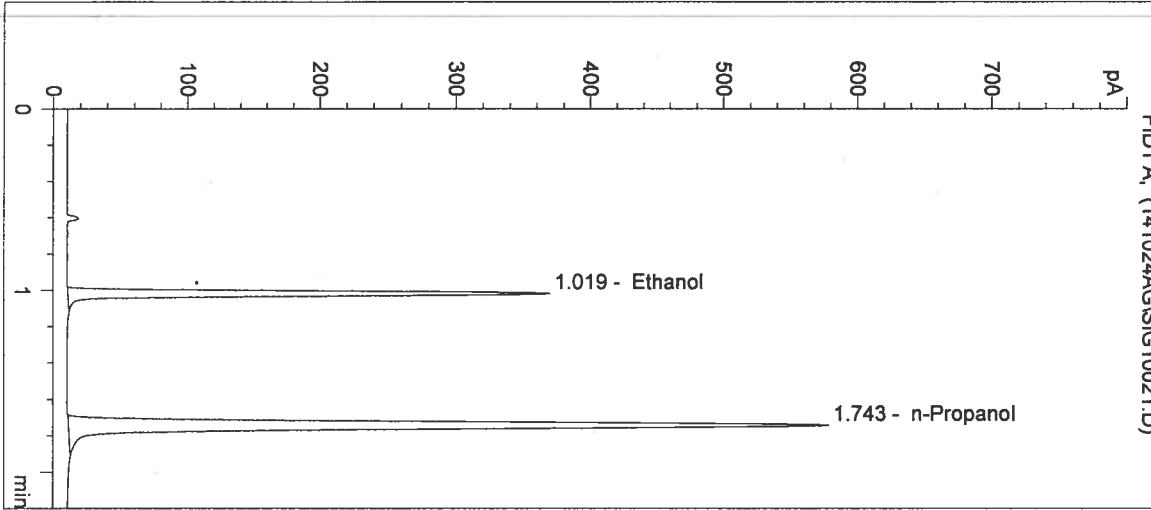
Operator: Andrew Gingras

Column: DB-ALC2

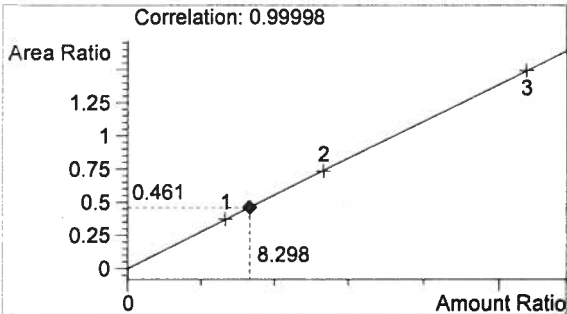
Location: Vial 21

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

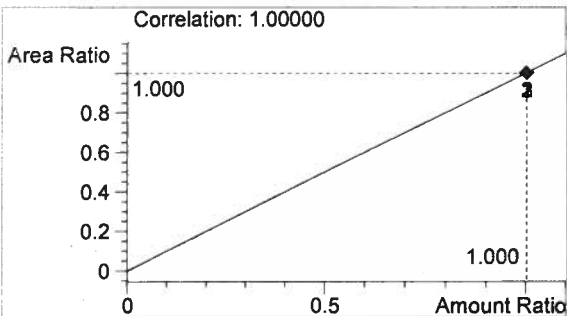
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	698	1.019
2	n-Propanol	1516	1.743



Ethanol 0.100 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: 10/24/2014 8:48:24 AM

Sample Name: 0.10 CTRL

Instrument: HSGC#3

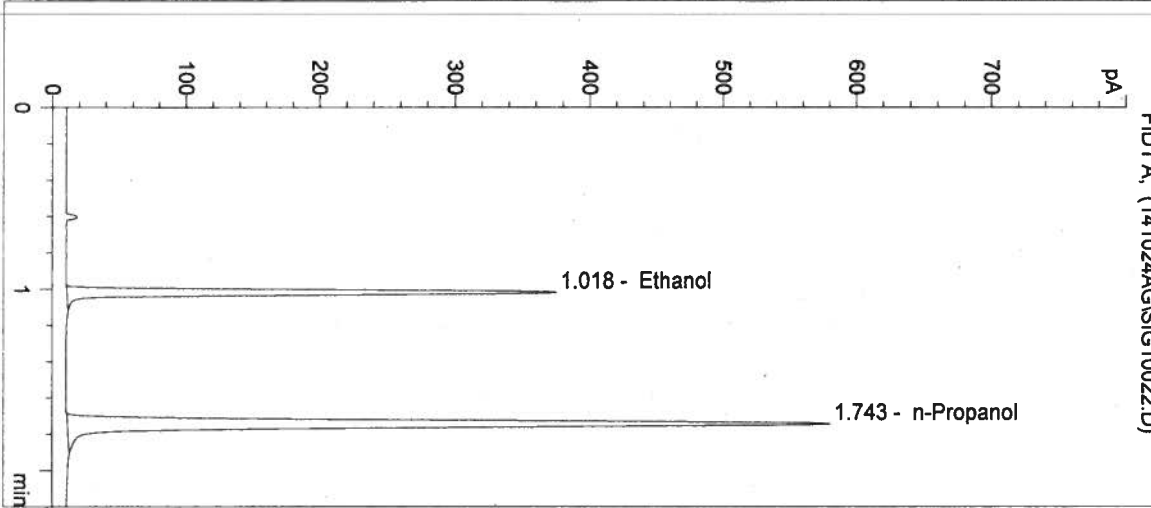
Operator: Andrew Gingras

Column: DB-ALC2

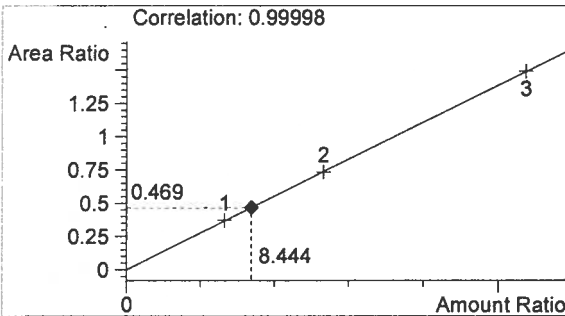
Location: Vial 22

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

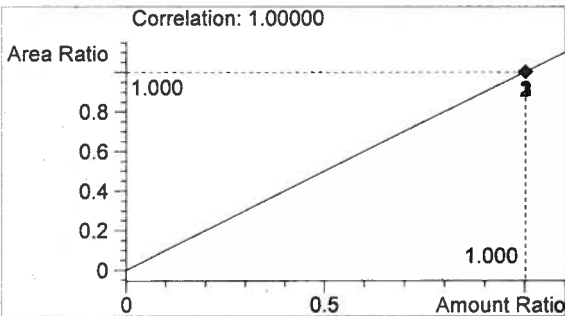
Sample Info: 14058



#	Compound	Peak Area	RT (min)
1	Ethanol	711	1.018
2	n-Propanol	1516	1.743



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

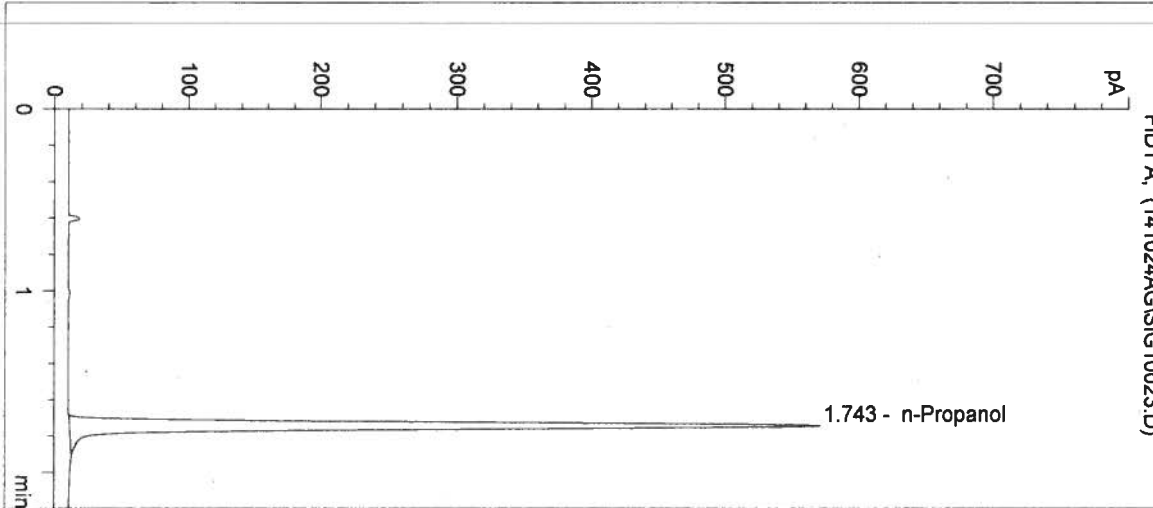
*Handwritten signature*

*Handwritten signature*

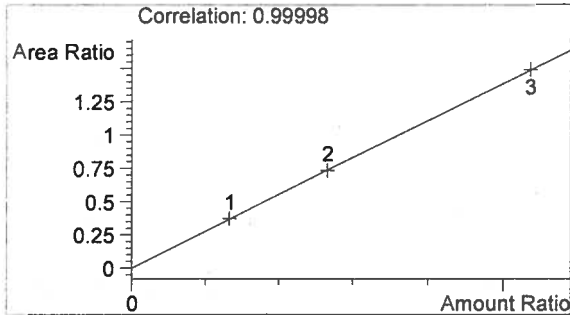
Washington State Patrol Toxicology Laboratory  
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2014 8:51:38 AM  
Instrument: HSGC#3  
Column: DB-ALC2  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info: 14058

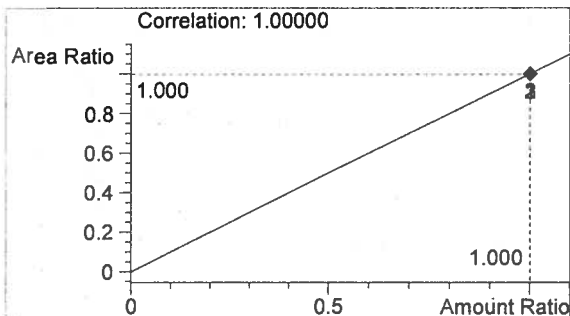
Sample Name: NEG CTRL  
Operator: Andrew Gingras  
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1490	1.743



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

*Handwritten mark*

*Handwritten signature*