



**QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT**

**BATCH REPORT: 15054**

**CUSTOMER INFORMATION**

Washington State Patrol – Breath Test Program  
811 East Roanoke SEATTLE, WA 98102

**TESTING PROCEDURE USED:** TLD Technical Manual, Chapter 4.0 Certification of Simulator Solutions; Headspace-Gas Chromatography.

**TESTING ITEM INFORMATION**

TARGET VAPOR CONCENTRATION: 0.10 g/210L  
DATE PREPARED: 11/13/2015  
BATCH UNITS: g/100mL

IDENTITY: QAP Solution  
PREPARED BY: Justin L. Knoy

	JLK	AG	CM
1	0.128	0.127	0.125
2	0.127	0.127	0.125
3	0.127	0.126	0.126
4	0.127	0.126	0.125
5	0.127	0.126	0.125
C	0.101	0.102	0.101

**ETHANOL CONTROL INFORMATION**

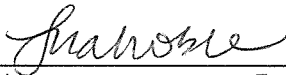
LOT NUMBER: FN08051301 EXPIRATION: 10/2018 CONCENTRATION: 0.10 g/100mL

**RESULTS OF TESTING**

AVERAGE SOLUTION CONCENTRATION: 0.1263 g/100mL PRECISION CV (%): 0.76  
STANDARD DEVIATION: 0.00096 NUMBER OF TESTS: 15

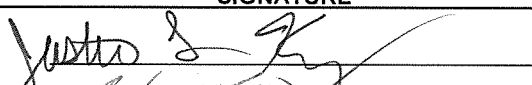
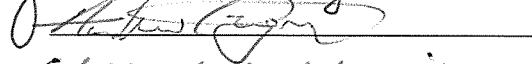
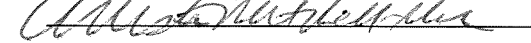
EQUIVALENT VAPOR CONCENTRATION: **0.1027 g/210L**  
EXPANDED UNCERTAINTY: ± 0.0022 (k=2, 95.45% confidence interval)

**WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION**

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

1/13/16  
DATE REPORT ISSUED

**THIS TESTING WAS PERFORMED BY:**

ANALYST	NAME	SIGNATURE	DATE TESTED
JLK	Justin L. Knoy		11/13/2015
AG	Andrew Gingras		11/13/2015
CM	Christie Mitchell-Mata		11/18/2015

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

QAP Solution Batch #: 15054

Date Prepared: 11/13/2015

Analyst:	JLK	AG	CM
Date Tested:	11/13/2015	11/13/2015	11/18/2015
Instrument:	HSGC #1	HSGC #1	HSGC #1
1	0.128	0.127	0.125
2	0.127	0.127	0.125
3	0.127	0.126	0.126
4	0.127	0.126	0.125
5	0.127	0.126	0.125
C	0.101	0.102	0.101

$CV^2_{COA}$	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000038629	0.0000108206	0.0001016326

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

Average Solution Concentration: 0.1263 g/100mL  
Standard Deviation: 0.00096 g/100mL  
Precision CV (%): 0.76  
Equivalent Vapor Concentration: 0.1027 g/210L  
Combined Standard Uncertainty ( $\pm$ ): 0.0011 g/210L  
Expanded Uncertainty ( $\pm$ ): 0.0022 coverage factor (k) = 2 (95.45% level of confidence)

Calculations performed by: Lisa Noble [Signature] 12/10/15  
Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 1-12-16  
Name Signature Date

Method: Hand calculation

Tech. review performed by: Lisa Noble [Signature] 12/10/15  
Name Signature Date

[Handwritten mark]

## SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 1-12-16

Location: WSP-FLSB Seattle, WA Solution Batch Number: 15054

	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: 1-12-16



Washington State Patrol Toxicology Laboratory Division

**SOLUTION CERTIFICATE REVIEW**

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

Please initial and date below to affirm that you have:

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

	Initials	Date
Amanda Chandler		
Andrew Gingras	<i>AG</i>	12/14/15
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata	<i>CM</i>	12/11/15
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy	<i>JK</i>	12-11-15
Katie Harris		
Lyndsey Lowe		
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 15054 for 12/10/15

*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 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

**0.10 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION  
CERTIFICATION FOR LOT 15054**

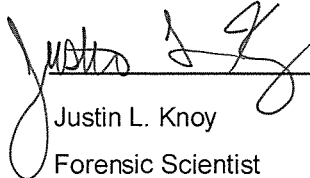
I, Justin L. Knoy, do certify under penalty of perjury that:

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 Biology, and MS degree in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 15054, was prepared in the Washington State Toxicology Laboratory on 11/13/2015. 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 11/13/2016.

Seattle, WA

 12-11-15  
Justin L. Knoy Date  
Forensic Scientist

JAY INSLEE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
WASHINGTON STATE PATROL  
WASHINGTON STATE TOXICOLOGY LABORATORY

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**0.10 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION  
CERTIFICATION FOR LOT 15054**

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 15054, was prepared in the Washington State Toxicology Laboratory on 11/13/2015. 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 11/13/2016.

Seattle, WA

A handwritten signature of Andrew Gingras and the date 12/14/15, written over a horizontal line.

Andrew Gingras  
Forensic Scientist

Date



JAY INSLEE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
WASHINGTON STATE PATROL  
WASHINGTON STATE TOXICOLOGY LABORATORY

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**0.10 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION  
CERTIFICATION FOR LOT 15054**

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 15054, was prepared in the Washington State Toxicology Laboratory on 11/13/2015. 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 11/13/2016.

Seattle, WA

Handwritten signature of Christie Mitchell-Mata, dated 12/11/15.

Christie Mitchell-Mata

Date

Forensic Scientist



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

Preparation Date: 11-13-15 Expiration Date: 11-13-16 Initials of Preparer: JK

Lot # of 200-proof Ethanol used in preparation: ZEAD437

Date the 200-proof Ethanol bottle was opened: 11-13-15

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>15052</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>15053</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>15054</u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>15055</u>
QAP 0.20	56.1	18	<input checked="" type="checkbox"/>	<u>15056</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  11-13-15  
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:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Justin J. [Signature]  
Analyst Signature

11-13-15  
Date

[Signature]



Sequence Parameters:

Operator: Justin Knoy  
 Data File Naming: Prefix/Counter  
 Signal 1 Prefix: SIG1  
 Counter: 0001  
 Signal 2 Prefix: SIG2  
 Counter: 0001  
 Data Directory: C:\HPCHEM\1\DATA\  
 Data Subdirectory: 151113JK  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0615-01 - Exp. 12/02/2015  
 Ethanol Calibrator 2, E0615-02 - Exp. 12/02/2015  
 Ethanol Calibrator 3, E0615-03 - Exp. 12/02/2015  
 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#P0915 - Exp. 12/18/2015

Calibration vials 1-9 filed with 15052.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	15052-1	SIMALC1	1	Sample		
11	Vial 11	15052-2	SIMALC1	1	Sample		
12	Vial 12	15052-3	SIMALC1	1	Sample		
13	Vial 13	15052-4	SIMALC1	1	Sample		
14	Vial 14	15052-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	15053-1	SIMALC1	1	Sample		
18	Vial 18	15053-2	SIMALC1	1	Sample		
19	Vial 19	15053-3	SIMALC1	1	Sample		
20	Vial 20	15053-4	SIMALC1	1	Sample		
21	Vial 21	15053-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	15054-1	SIMALC1	1	Sample		
25	Vial 25	15054-2	SIMALC1	1	Sample		
26	Vial 26	15054-3	SIMALC1	1	Sample		

15054  
*for 12/10/15*

*JK*

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	15054-4	SIMALC1	1	Sample		
28	Vial 28	15054-5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	15055-1	SIMALC1	1	Sample		
32	Vial 32	15055-2	SIMALC1	1	Sample		
33	Vial 33	15055-3	SIMALC1	1	Sample		
34	Vial 34	15055-4	SIMALC1	1	Sample		
35	Vial 35	15055-5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp		
38	Vial 38	15056-1	SIMALC1	1	Sample		
39	Vial 39	15056-2	SIMALC1	1	Sample		
40	Vial 40	15056-3	SIMALC1	1	Sample		
41	Vial 41	15056-4	SIMALC1	1	Sample		
42	Vial 42	15056-5	SIMALC1	1	Sample		
43	Vial 43	0.10 CTRL	SIMALC1	1	Ctrl Samp		
44	Vial 44	NEG CTRL	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

15054

*Justin*

*JK*

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

Inj. Date: 11/13/2015 12:37:43 PM

Sample Name: 15054-1

Instrument: HSGC#1

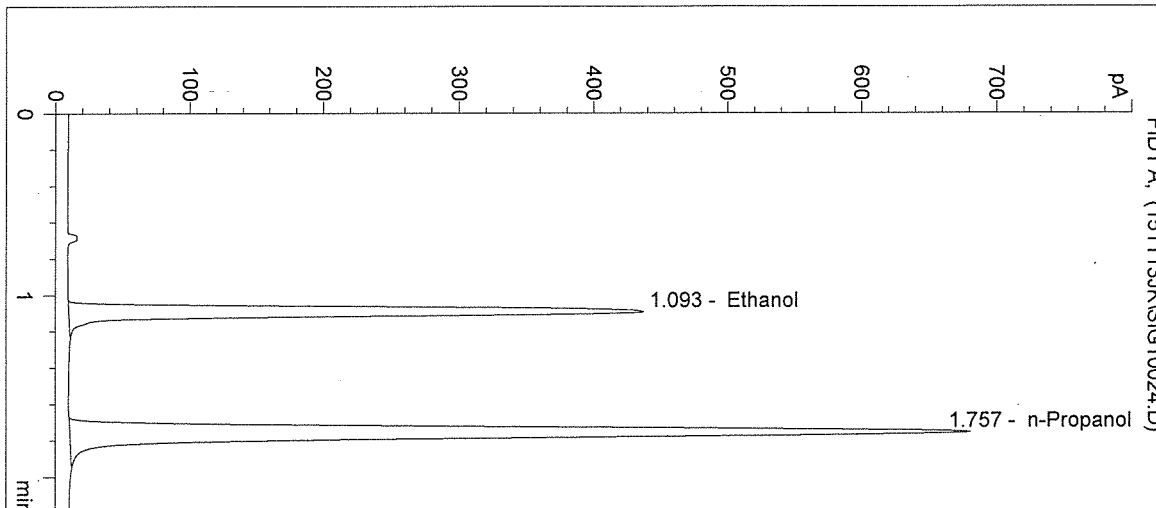
Operator: Justin Knoy

Column: DB-ALC1

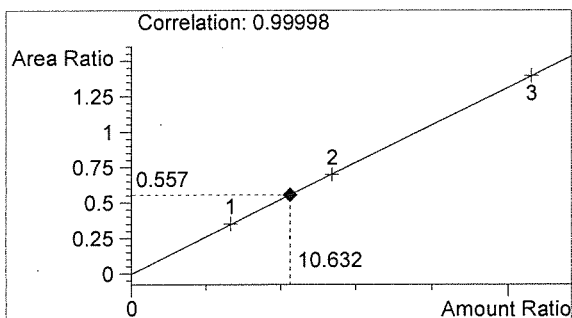
Location: Vial 24

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

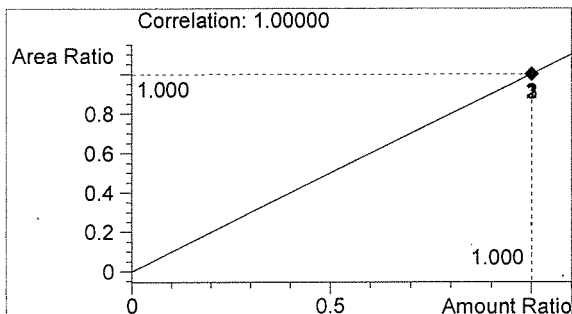
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1469	1.093
2	n-Propanol	2635	1.757



Ethanol 0.128 g/100mL



n-Propanol 0.012 g/100mL

*fr*

*JR*

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

Inj. Date: 11/13/2015 12:40:57 PM

Sample Name: 15054-2

Instrument: HSGC#1

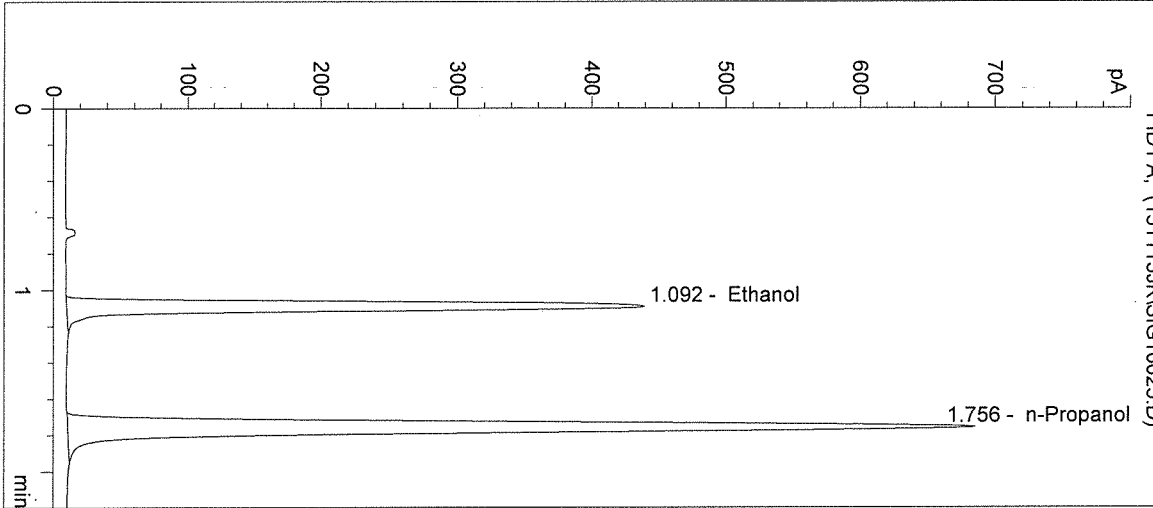
Operator: Justin Knoy

Column: DB-ALC1

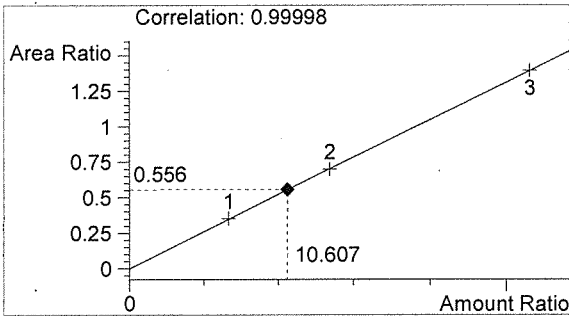
Location: Vial 25

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

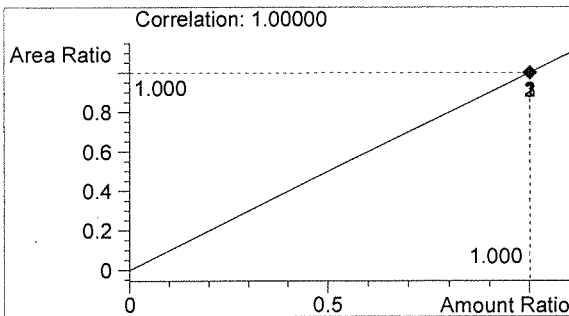
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1475	1.092
2	n-Propanol	2653	1.756



Ethanol 0.127 g/100mL



n-Propanol 0.012 g/100mL

*JK*

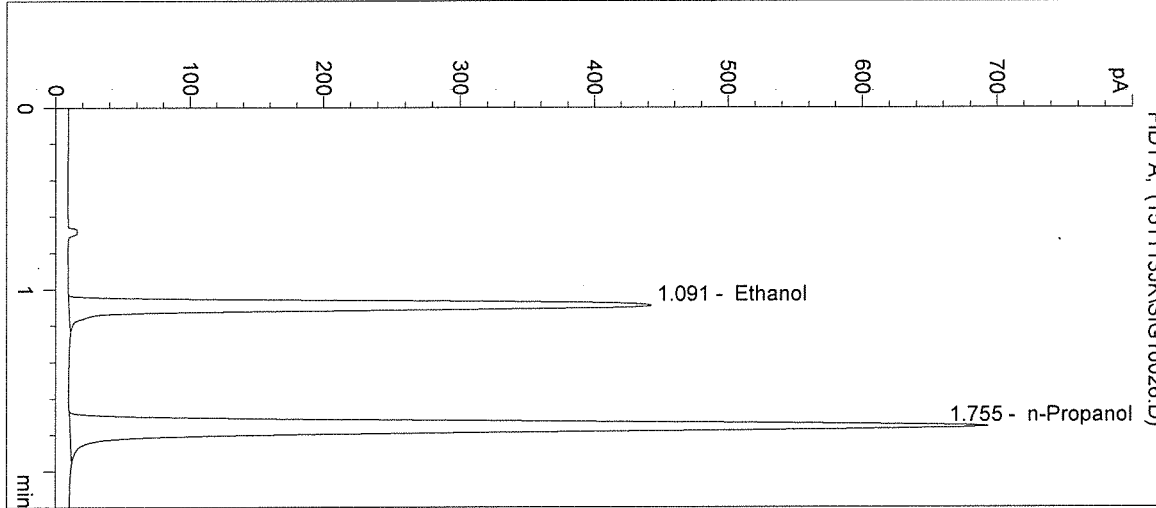
*JK*

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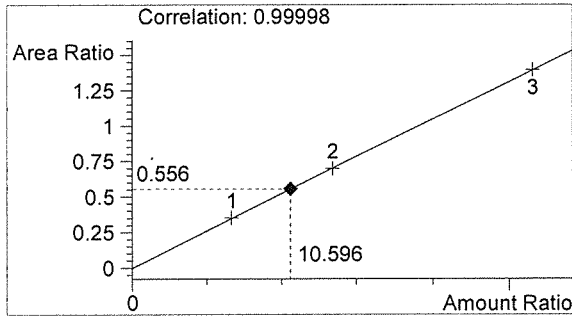
Inj. Date: 11/13/2015 12:44:09 PM  
 Instrument: HSGC#1  
 Column: DB-ALC1  
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: 15054-3  
 Operator: Justin Knoy  
 Location: Vial 26

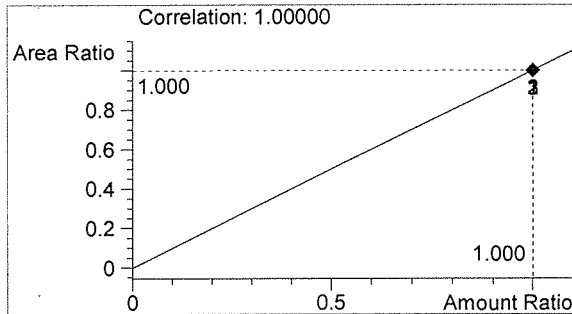
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1486	1.091
2	n-Propanol	2675	1.755



Ethanol 0.127 g/100mL



n-Propanol 0.012 g/100mL

*Handwritten signature*

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Inj. Date: 11/13/2015 12:47:23 PM

Sample Name: 15054-4

Instrument: HSGC#1

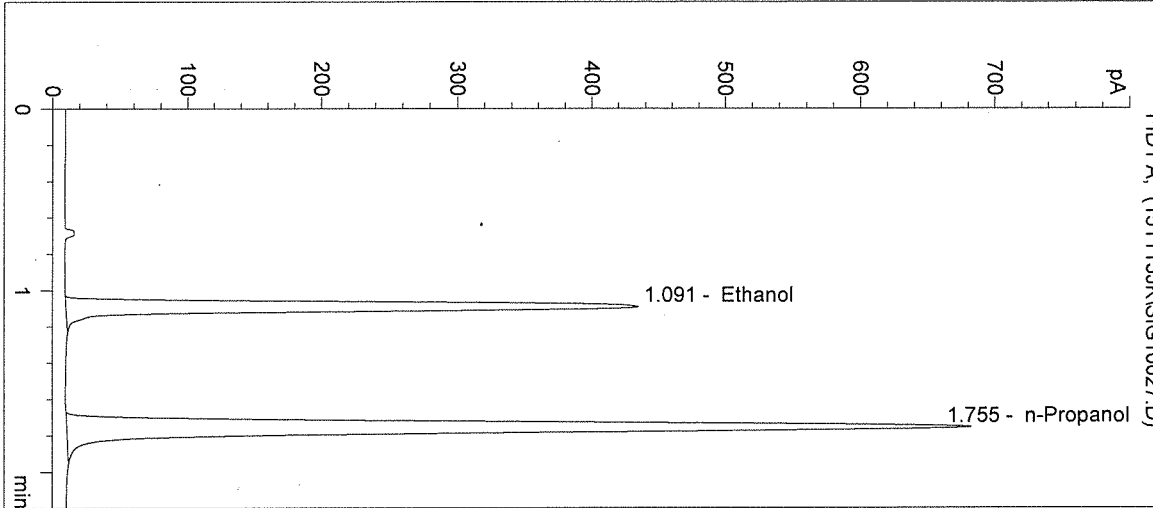
Operator: Justin Knoy

Column: DB-ALC1

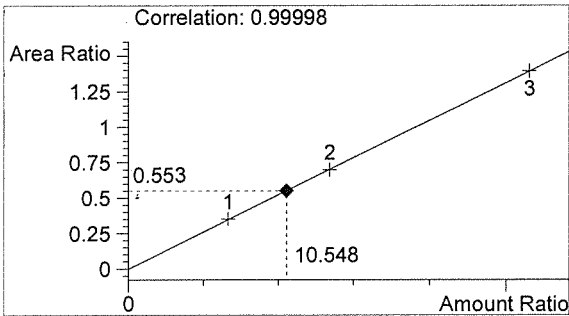
Location: Vial 27

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

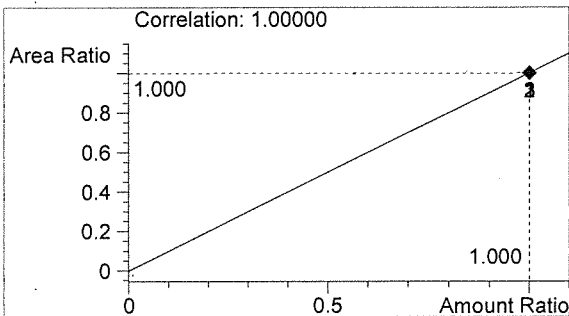
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1458	1.091
2	n-Propanol	2637	1.755



Ethanol 0.127 g/100mL



n-Propanol 0.012 g/100mL

*Handwritten signature*

*JK*

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 2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/13/2015 12:50:35 PM

Sample Name: 15054-5

Instrument: HSGC#1

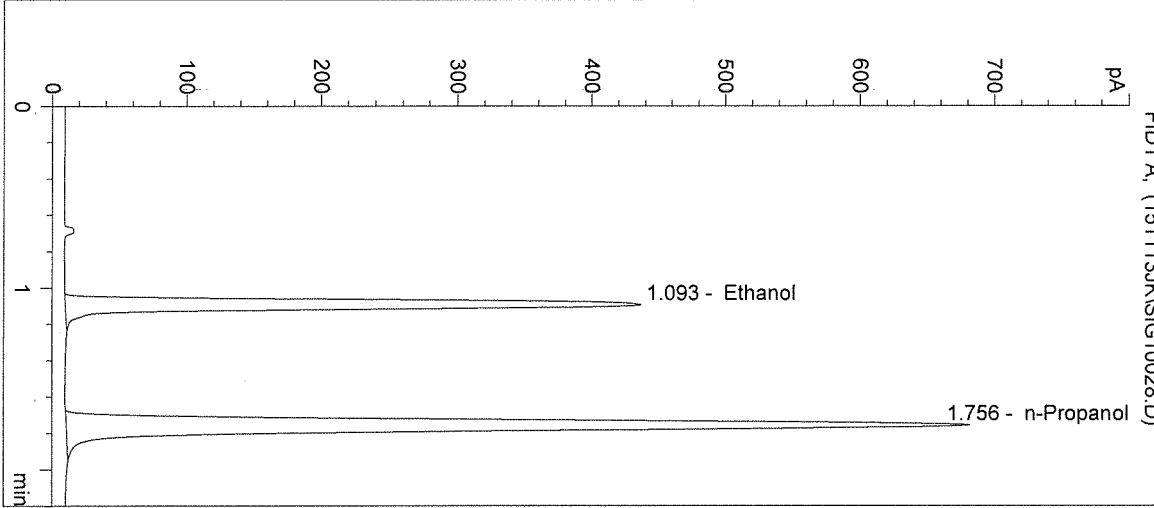
Operator: Justin Knoy

Column: DB-ALC1

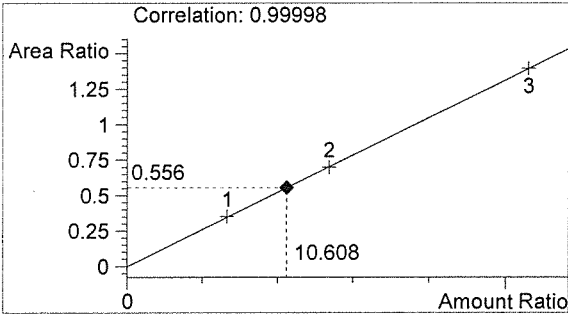
Location: Vial 28

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

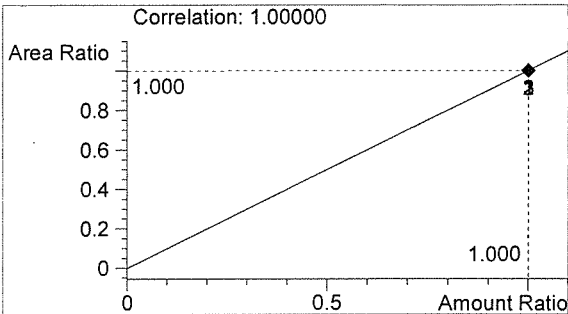
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1467	1.093
2	n-Propanol	2638	1.756



Ethanol 0.127 g/100mL



n-Propanol 0.012 g/100mL

*JK*

*JK*

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Inj. Date: 11/13/2015 12:53:49 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

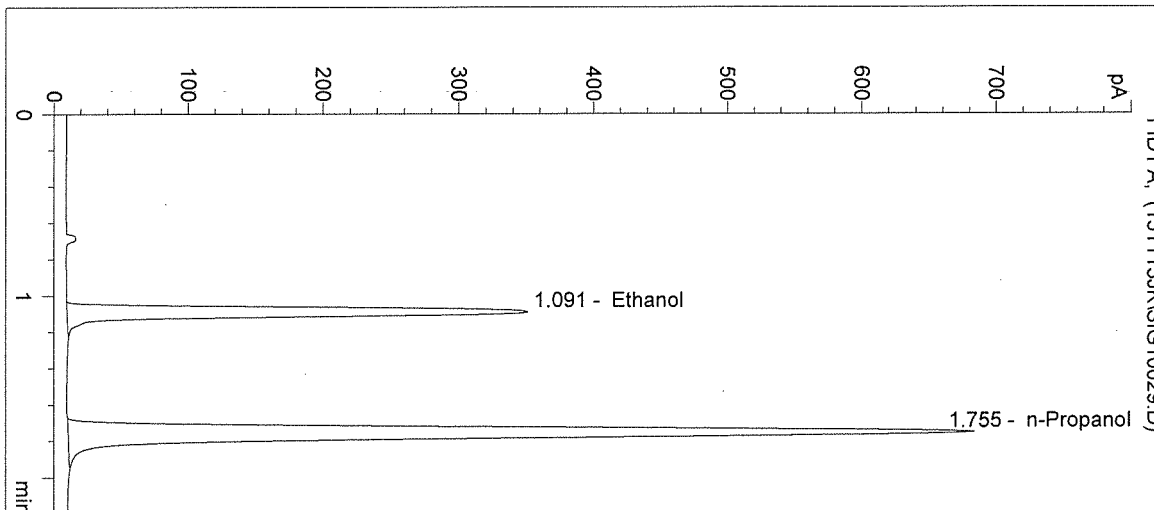
Operator: Justin Knoy

Column: DB-ALC1

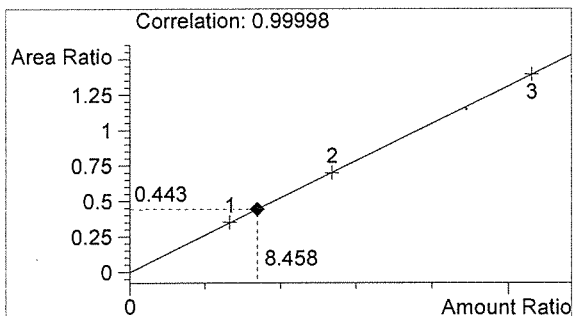
Location: Vial 29

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

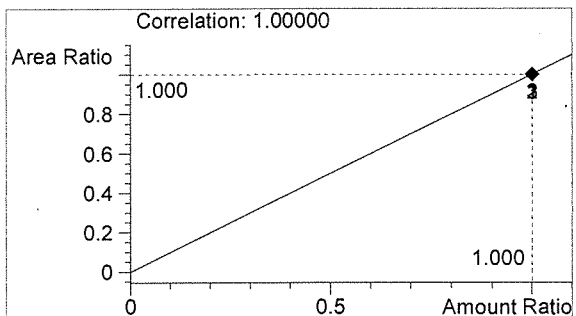
Sample Info: 15054



#	Compound	Peak Area	RT (min)
1	Ethanol	1169	1.091
2	n-Propanol	2637	1.755



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

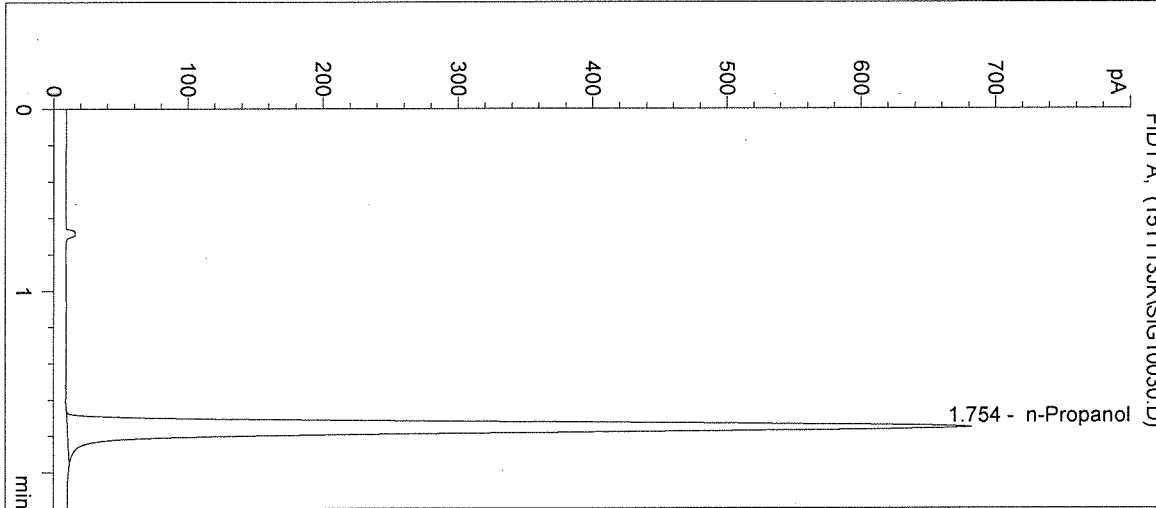
*Handwritten signature*

*Handwritten initials*

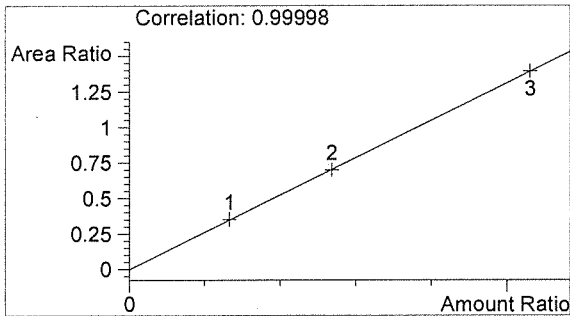


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2203 Airport Way S Seattle, WA 98134

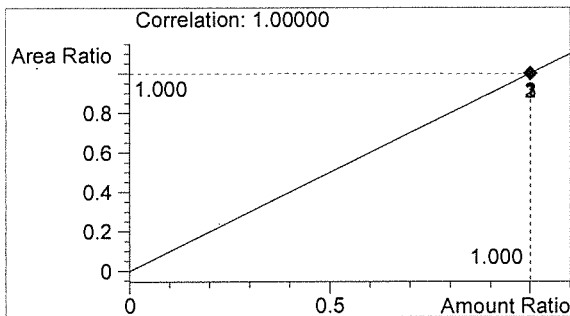
Inj. Date: 11/13/2015 12:57:03 PM      Sample Name: NEG CTRL  
Instrument: HSGC#1      Operator: Justin Knoy  
Column: DB-ALC1      Location: Vial 30  
Method: C:\HPCHEM\1\METHODS\SIMALC1.M  
Sample Info: 15054



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2634	1.754



Ethanol      0.000 g/100mL



n-Propanol      0.012 g/100mL

*JK*

*JK*

Sequence Parameters:

Operator: Andrew Gingras  
 Data File Naming: Prefix/Counter  
 Signal 1 Prefix: SIG1  
 Counter: 0001  
 Signal 2 Prefix: SIG2  
 Counter: 0001  
 Data Directory: C:\HPCHEM\1\DATA\  
 Data Subdirectory: 151113AG  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0615-01 - Exp. 12/02/2015  
 Ethanol Calibrator 2, E0615-02 - Exp. 12/02/2015  
 Ethanol Calibrator 3, E0615-03 - Exp. 12/02/2015  
 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#P0915 - Exp. 12/18/2015

Calibration vials 1-9 filed with 15052.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	15052-1	SIMALC1	1	Sample		
11	Vial 11	15052-2	SIMALC1	1	Sample		
12	Vial 12	15052-3	SIMALC1	1	Sample		
13	Vial 13	15052-4	SIMALC1	1	Sample		
14	Vial 14	15052-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	15053-1	SIMALC1	1	Sample		
18	Vial 18	15053-2	SIMALC1	1	Sample		
19	Vial 19	15053-3	SIMALC1	1	Sample		
20	Vial 20	15053-4	SIMALC1	1	Sample		
21	Vial 21	15053-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	15054-1	SIMALC1	1	Sample		
25	Vial 25	15054-2	SIMALC1	1	Sample		
26	Vial 26	15054-3	SIMALC1	1	Sample		

15054

*Initials*

*SB*

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	15054-4	SIMALC1	1	Sample		
28	Vial 28	15054-5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	15055-1	SIMALC1	1	Sample		
32	Vial 32	15055-2	SIMALC1	1	Sample		
33	Vial 33	15055-3	SIMALC1	1	Sample		
34	Vial 34	15055-4	SIMALC1	1	Sample		
35	Vial 35	15055-5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp		
38	Vial 38	15056-1	SIMALC1	1	Sample		
39	Vial 39	15056-2	SIMALC1	1	Sample		
40	Vial 40	15056-3	SIMALC1	1	Sample		
41	Vial 41	15056-4	SIMALC1	1	Sample		
42	Vial 42	15056-5	SIMALC1	1	Sample		
43	Vial 43	0.10 CTRL	SIMALC1	1	Ctrl Samp		
44	Vial 44	NEG CTRL	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

15054

*Microles*

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

Inj. Date: 11/13/2015 3:16:06 PM

Sample Name: 15054-1

Instrument: HSGC#1

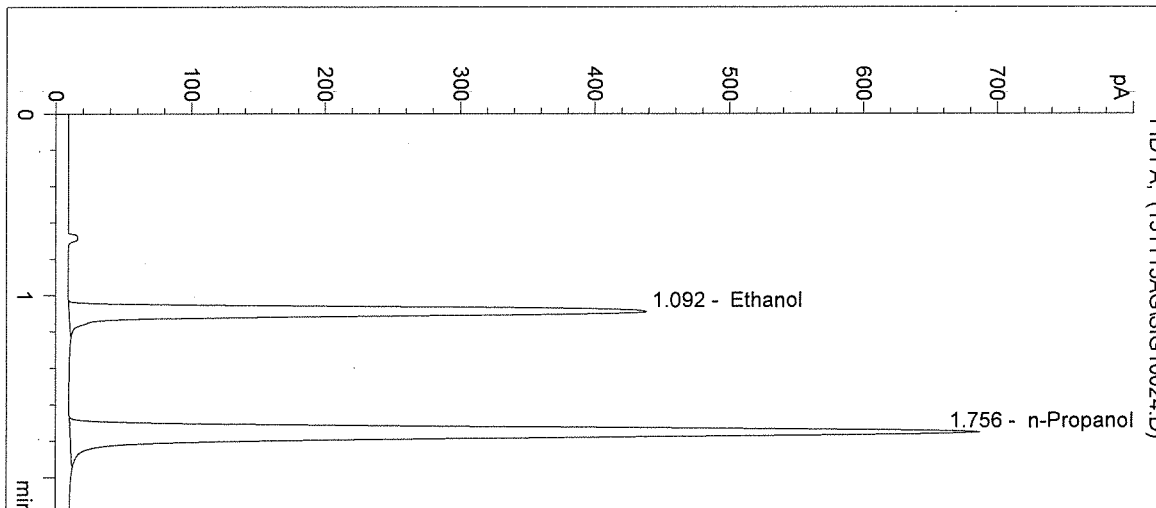
Operator: Andrew Gingras

Column: DB-ALC1

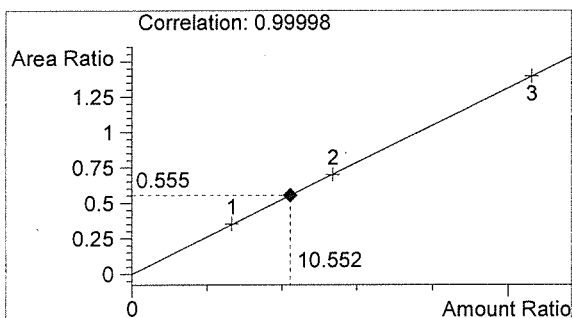
Location: Vial 24

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

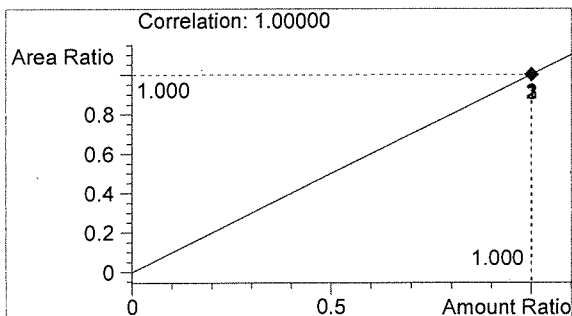
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1468	1.092
2	n-Propanol	2647	1.756



Ethanol 0.127 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: 11/13/2015 3:19:19 PM

Sample Name: 15054-2

Instrument: HSGC#1

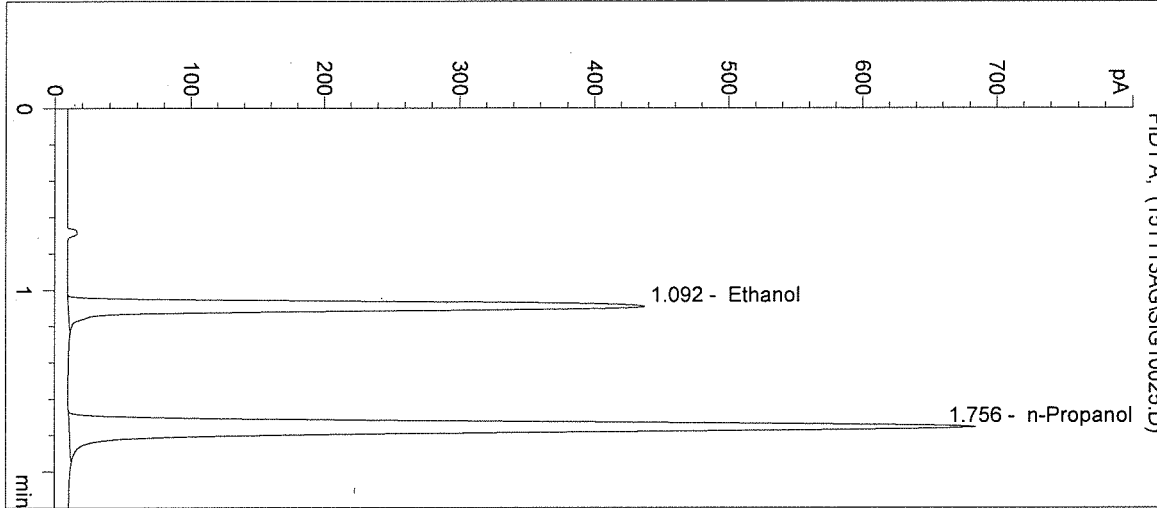
Operator: Andrew Gingras

Column: DB-ALC1

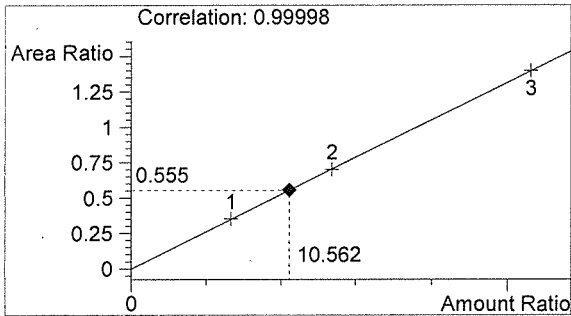
Location: Vial 25

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

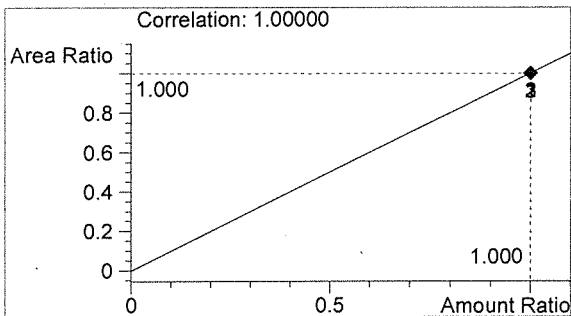
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1469	1.092
2	n-Propanol	2647	1.756



Ethanol 0.127 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: 11/13/2015 3:22:32 PM

Sample Name: 15054-3

Instrument: HSGC#1

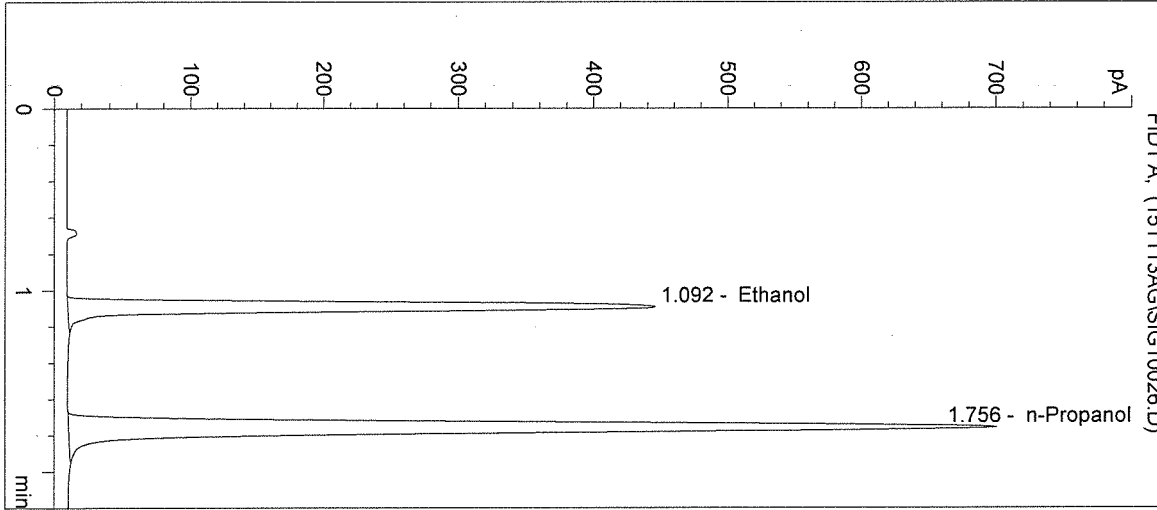
Operator: Andrew Gingras

Column: DB-ALC1

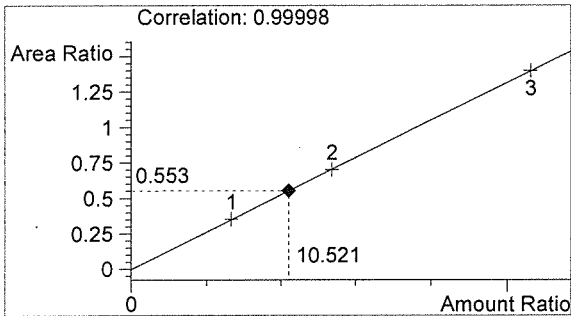
Location: Vial 26

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

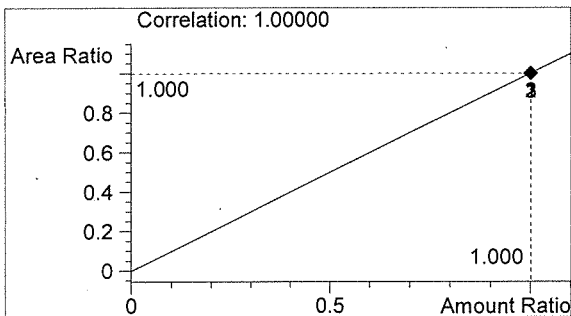
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1497	1.092
2	n-Propanol	2707	1.756



Ethanol 0.126 g/100mL



n-Propanol 0.012 g/100mL

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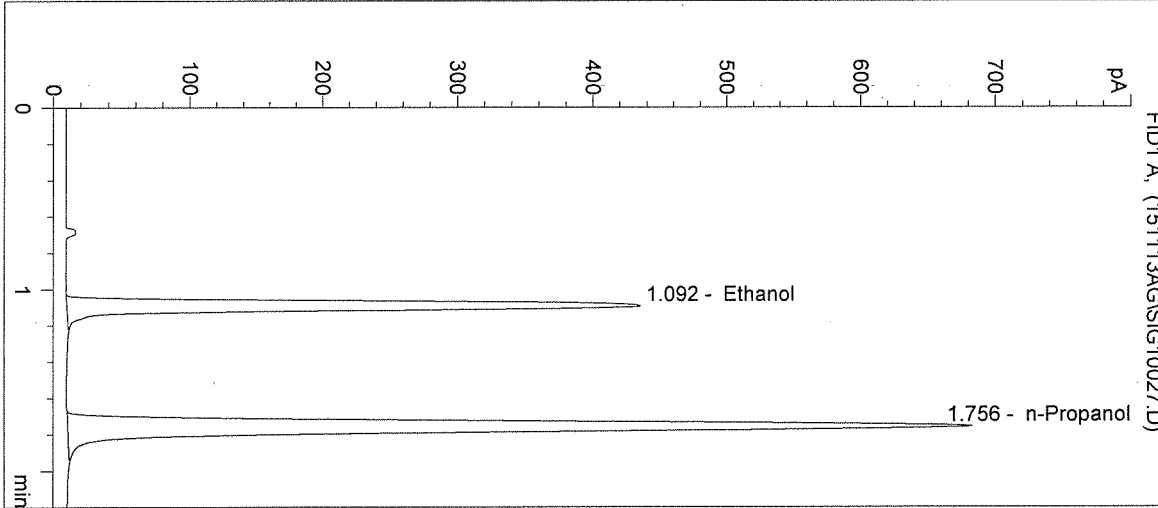
Washington State Patrol Toxicology Laboratory  
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/13/2015 3:25:46 PM  
Instrument: HSGC#1

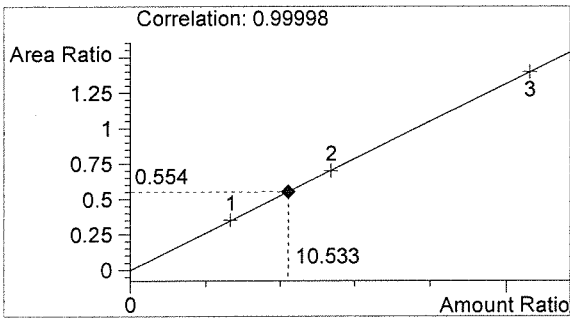
Sample Name: 15054-4  
Operator: Andrew Gingras  
Location: Vial 27

Column: DB-ALC1  
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

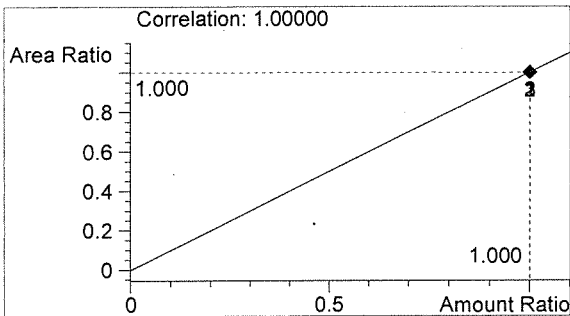
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1461	1.092
2	n-Propanol	2640	1.756



Ethanol 0.126 g/100mL



n-Propanol 0.012 g/100mL

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*Handwritten signature*

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

Inj. Date: 11/13/2015 3:28:59 PM

Sample Name: 15054-5

Instrument: HSGC#1

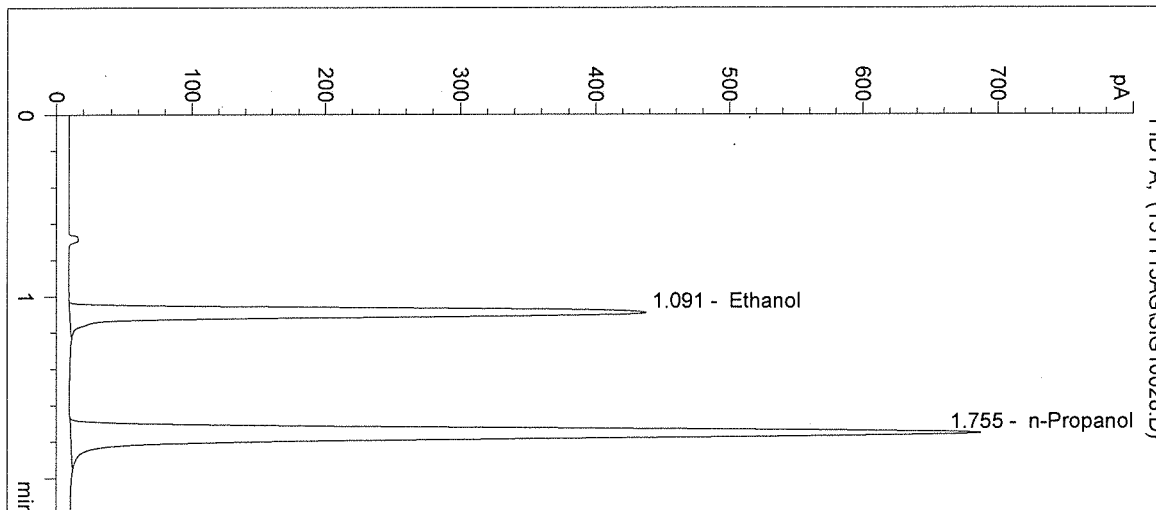
Operator: Andrew Gingras

Column: DB-ALC1

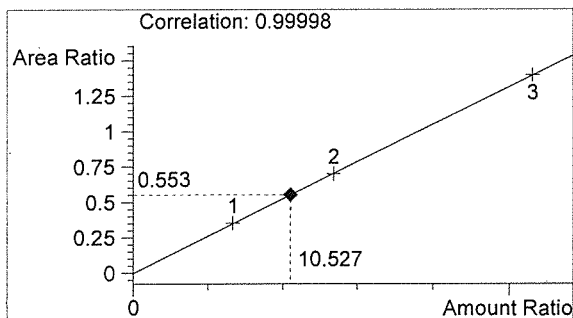
Location: Vial 28

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

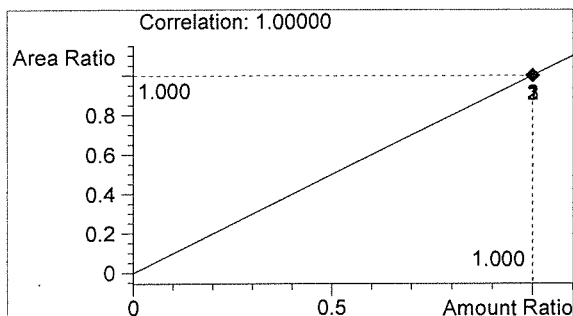
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1466	1.091
2	n-Propanol	2650	1.755



Ethanol 0.126 g/100mL



n-Propanol 0.012 g/100mL

*ln*

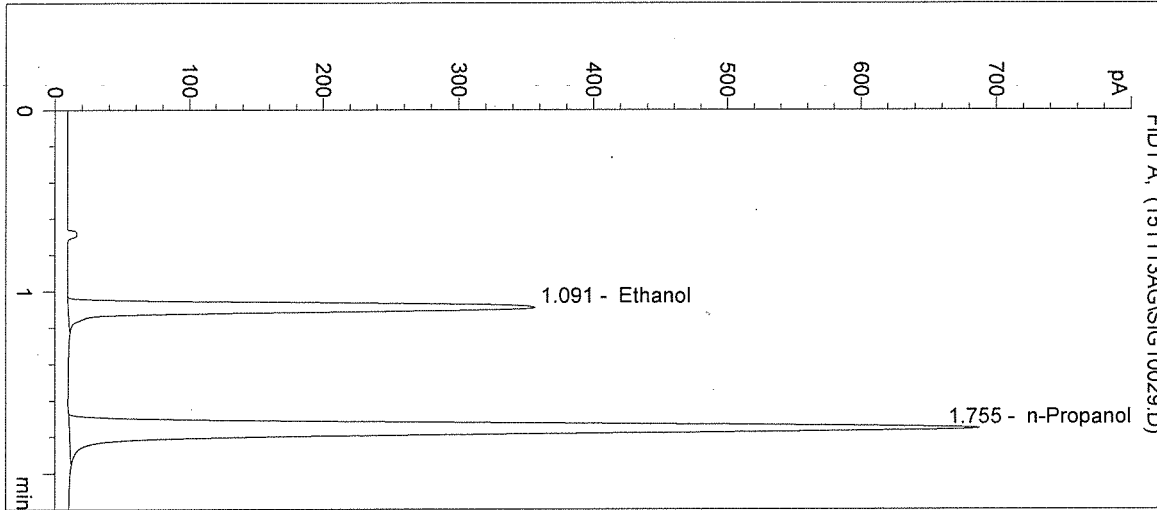
*AG*



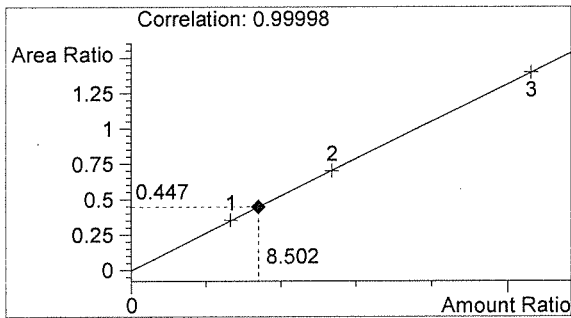
Washington State Patrol Toxicology Laboratory  
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/13/2015 3:32:12 PM  
 Instrument: HSGC#1  
 Column: DB-ALC1  
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M  
 Sample Info: 15054

Sample Name: 0.10 CTRL  
 Operator: Andrew Gingras  
 Location: Vial 29

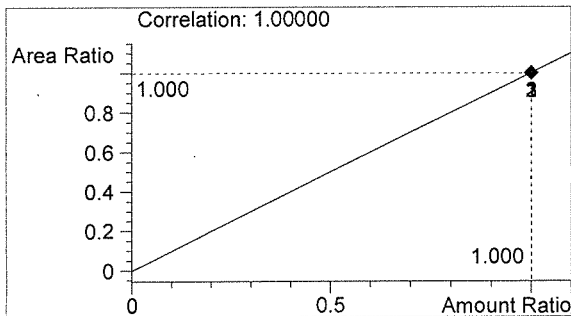


#	Compound	Peak Area	RT (min)
1	Ethanol	1186	1.091
2	n-Propanol	2653	1.755



Ethanol 0.102 g/100mL

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n-Propanol 0.012 g/100mL

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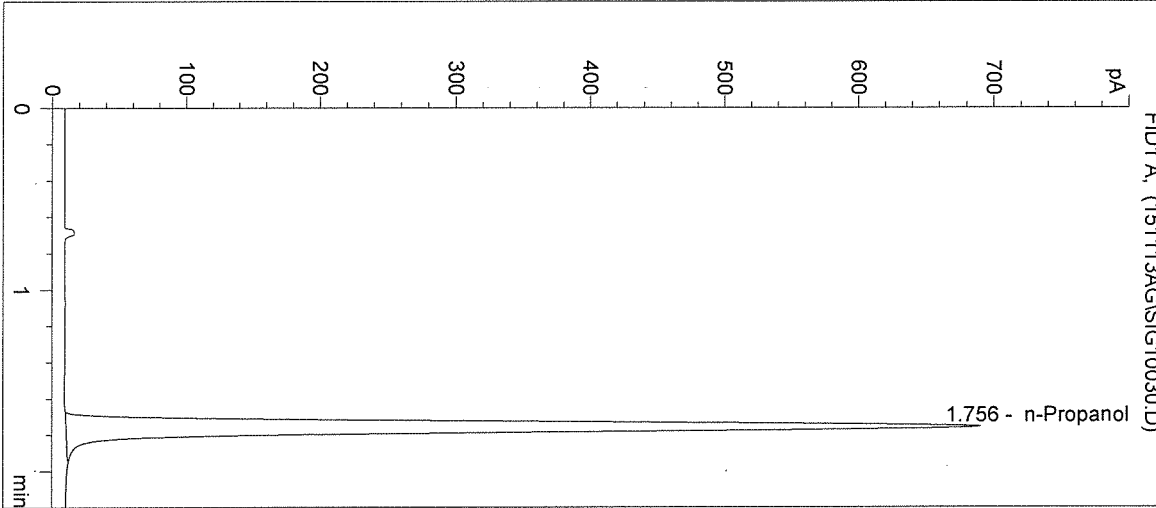
Washington State Patrol Toxicology Laboratory  
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/13/2015 3:35:26 PM  
Instrument: HSGC#1

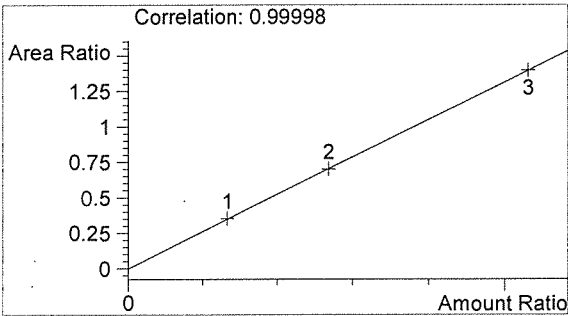
Sample Name: NEG CTRL  
Operator: Andrew Gingras  
Location: Vial 30

Column: DB-ALC1  
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info: 15054

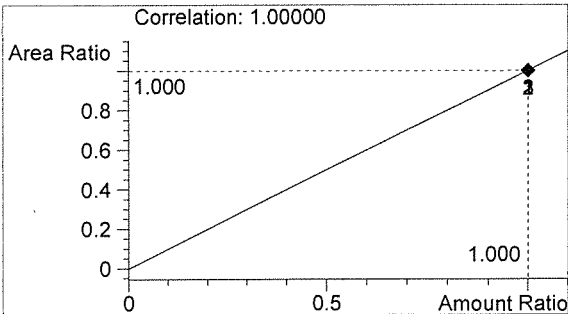


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2669	1.756



Ethanol 0.000 g/100mL

*Handwritten signature*



n-Propanol 0.012 g/100mL

*Handwritten 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\1\DATA\  
 Data Subdirectory: 151118CM  
 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#E1015-01 - Exp 04/29/16  
 Cal 2 (0.158 g/100mL) - Lot#E1015-02 - Exp 04/29/16  
 Cal 3 (0.316 g/100mL) - Lot#E1015-03 - Exp 04/29/16  
 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# P0915 - Exp 12/18/15

Calibration vials 1-9 filed with 15052.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	15052-1	SIMALC1	1	Sample		
11	Vial 11	15052-2	SIMALC1	1	Sample		
12	Vial 12	15052-3	SIMALC1	1	Sample		
13	Vial 13	15052-4	SIMALC1	1	Sample		
14	Vial 14	15052-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	15053-1	SIMALC1	1	Sample		
18	Vial 18	15053-2	SIMALC1	1	Sample		
19	Vial 19	15053-3	SIMALC1	1	Sample		
20	Vial 20	15053-4	SIMALC1	1	Sample		
21	Vial 21	15053-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	15054-1	SIMALC1	1	Sample		
25	Vial 25	15054-2	SIMALC1	1	Sample		
26	Vial 26	15054-3	SIMALC1	1	Sample		

15054

*Injection*

*11/18/15*

*CM*

*151118CM*

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	15054-4	SIMALC1	1	Sample		
28	Vial 28	15054-5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	15055-1	SIMALC1	1	Sample		
32	Vial 32	15055-2	SIMALC1	1	Sample		
33	Vial 33	15055-3	SIMALC1	1	Sample		
34	Vial 34	15055-4	SIMALC1	1	Sample		
35	Vial 35	15055-5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp		
38	Vial 38	15056-1	SIMALC1	1	Sample		
39	Vial 39	15056-2	SIMALC1	1	Sample		
40	Vial 40	15056-3	SIMALC1	1	Sample		
41	Vial 41	15056-4	SIMALC1	1	Sample		
42	Vial 42	15056-5	SIMALC1	1	Sample		
43	Vial 43	0.10 CTRL	SIMALC1	1	Ctrl Samp		
44	Vial 44	NEG CTRL	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

15054

*Initials*

*11/18/15*

*15111807*

*CM*

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

Inj. Date: 11/18/2015 9:05:41 AM

Sample Name: 15054-1

Instrument: HSGC#1

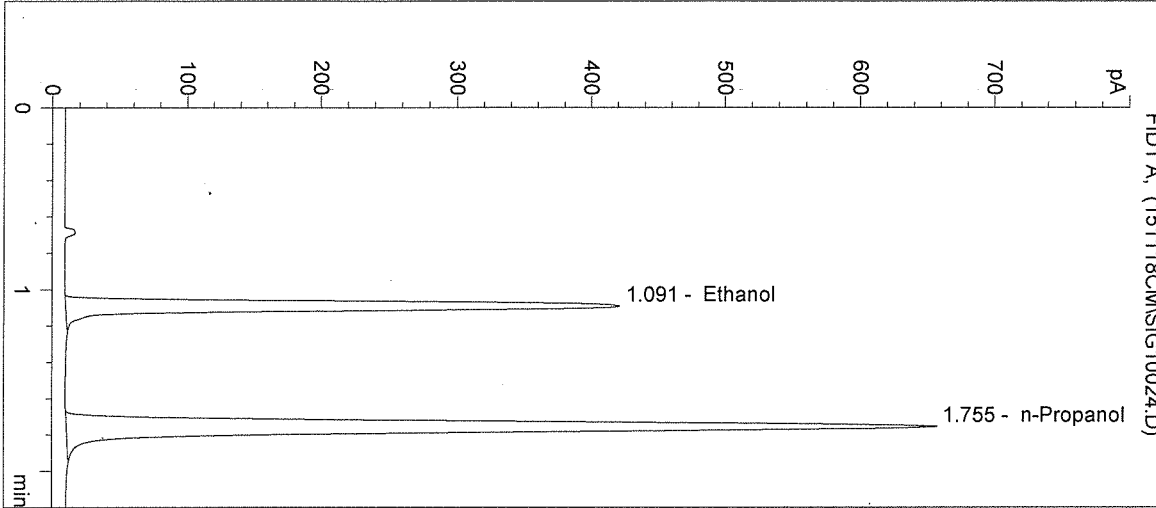
Operator: Christie Mitchell-Mata

Column: DB-ALC1

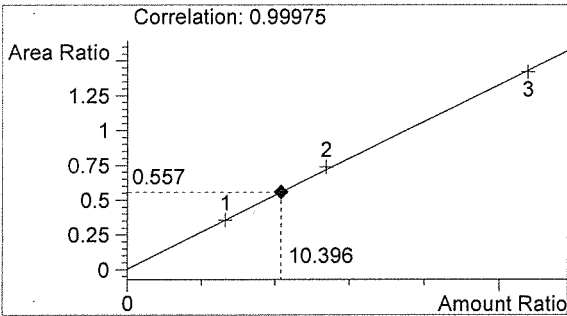
Location: Vial 24

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

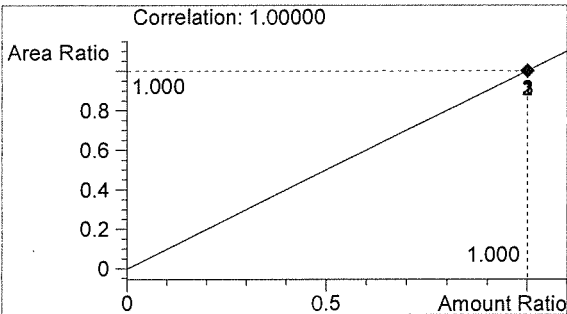
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1414	1.091
2	n-Propanol	2541	1.755



Ethanol 0.125 g/100mL



n-Propanol 0.012 g/100mL

*h*

*ac*

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

Inj. Date: 11/18/2015 9:08:54 AM

Sample Name: 15054-2

Instrument: HSGC#1

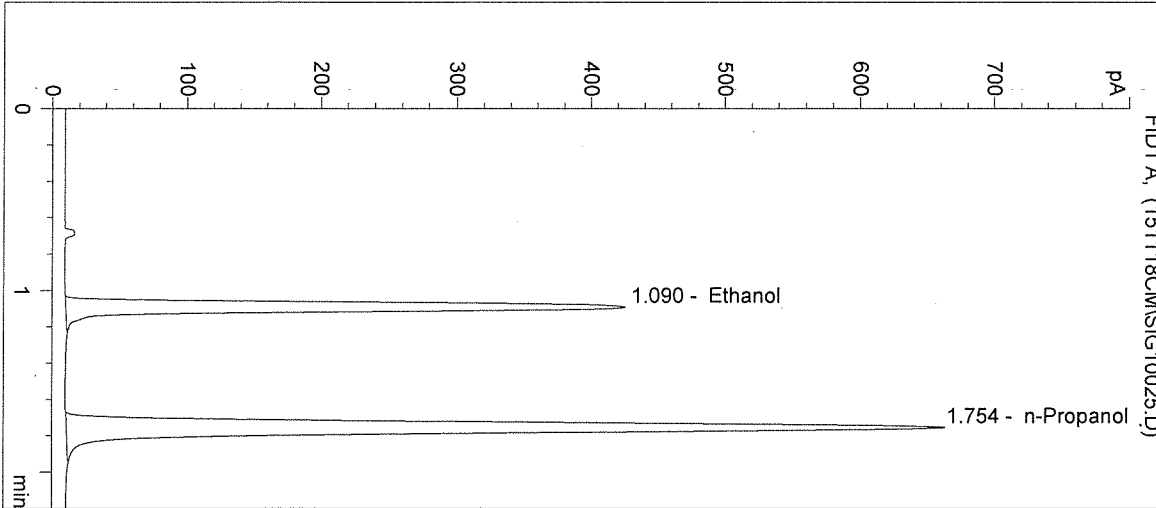
Operator: Christie Mitchell-Mata

Column: DB-ALC1

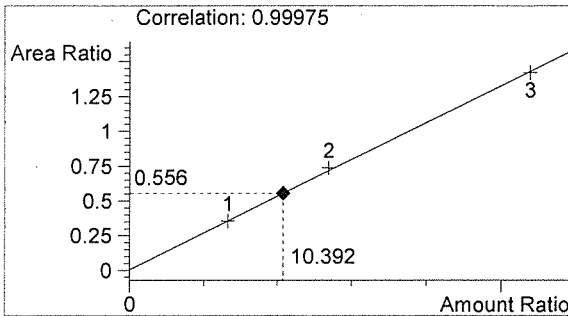
Location: Vial 25

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

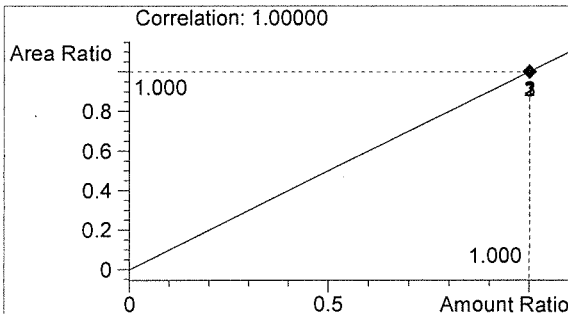
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1425	1.090
2	n-Propanol	2561	1.754



Ethanol 0.125 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: 11/18/2015 9:12:07 AM

Sample Name: 15054-3

Instrument: HSGC#1

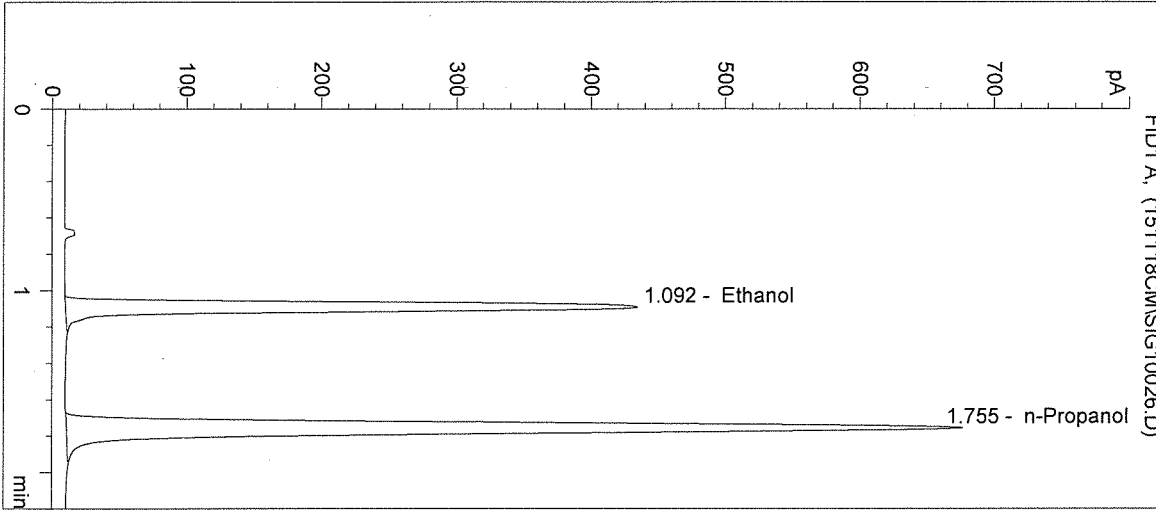
Operator: Christie Mitchell-Mata

Column: DB-ALC1

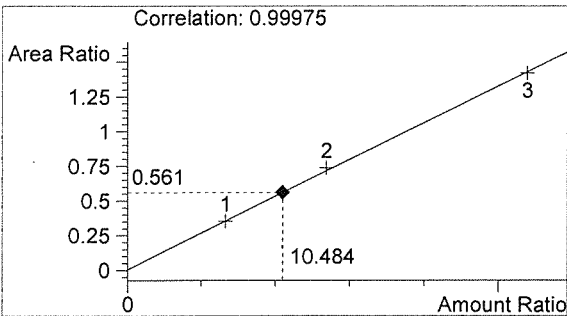
Location: Vial 26

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

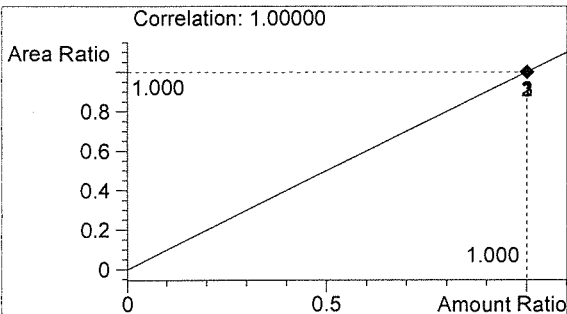
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1474	1.092
2	n-Propanol	2627	1.755



Ethanol 0.126 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: 11/18/2015 9:15:20 AM

Sample Name: 15054-4

Instrument: HSGC#1

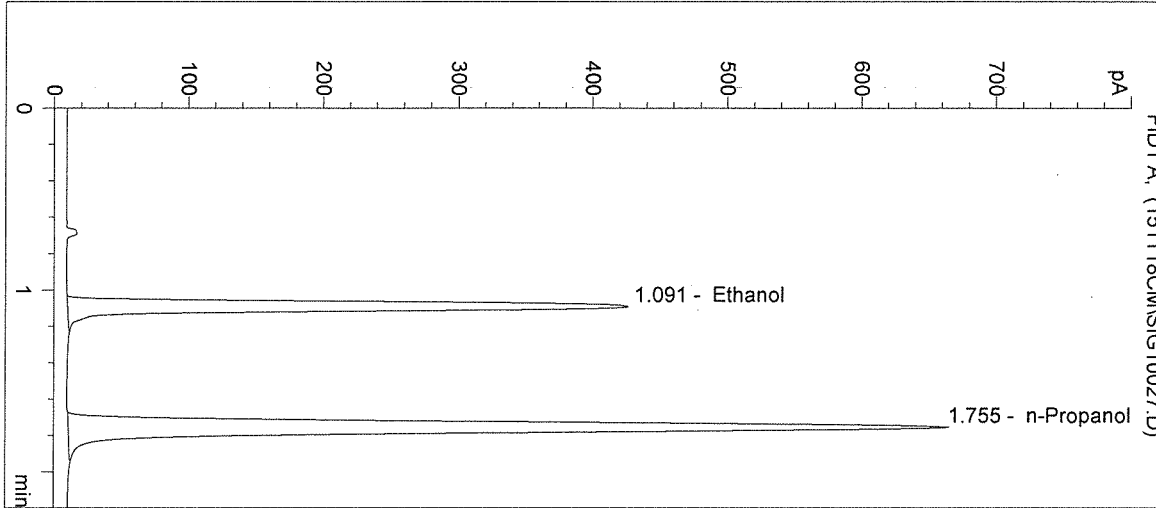
Operator: Christie Mitchell-Mata

Column: DB-ALC1

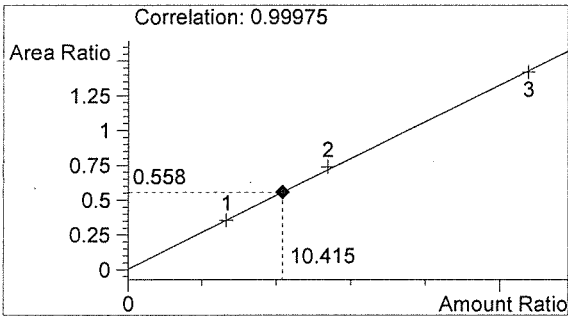
Location: Vial 27

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

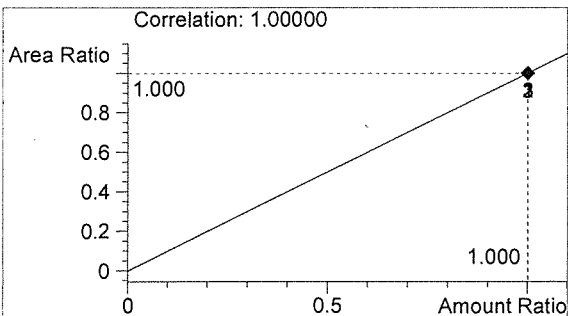
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1432	1.091
2	n-Propanol	2568	1.755



Ethanol 0.125 g/100mL



n-Propanol 0.012 g/100mL

*h*

*an*



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

Inj. Date: 11/18/2015 9:18:34 AM

Sample Name: 15054-5

Instrument: HSGC#1

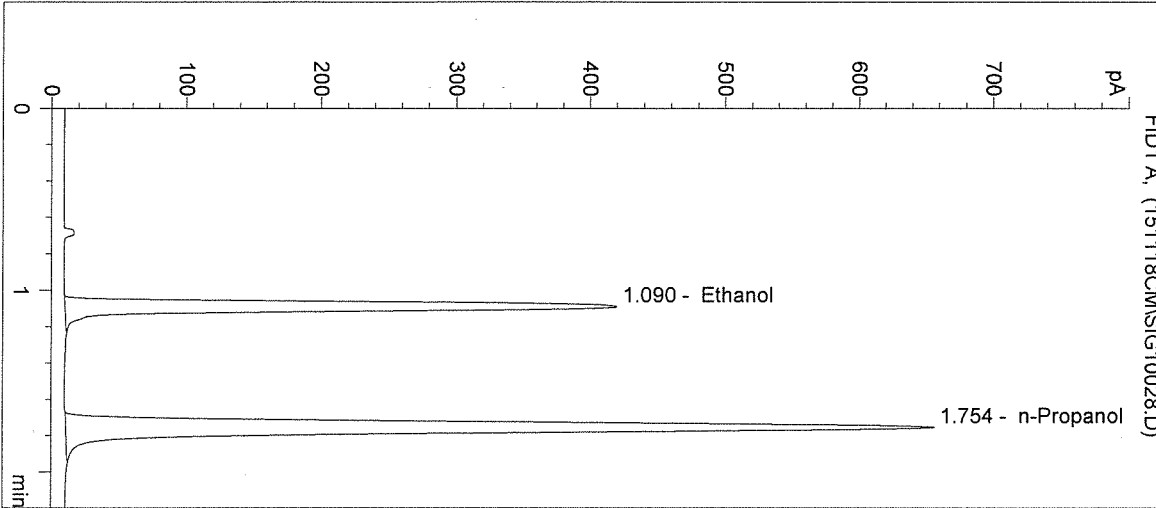
Operator: Christie Mitchell-Mata

Column: DB-ALC1

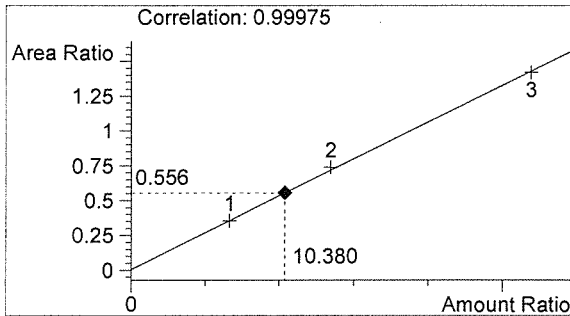
Location: Vial 28

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

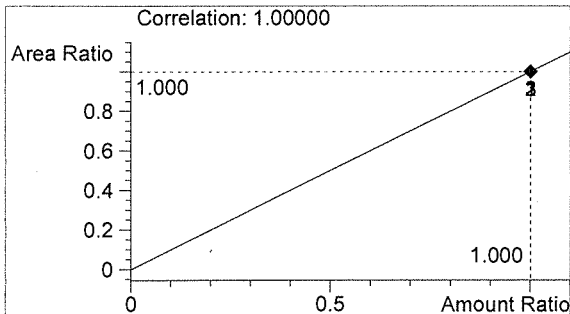
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1410	1.090
2	n-Propanol	2537	1.754



Ethanol 0.125 g/100mL



n-Propanol 0.012 g/100mL

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*Handwritten signature*

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

Inj. Date: 11/18/2015 9:21:47 AM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

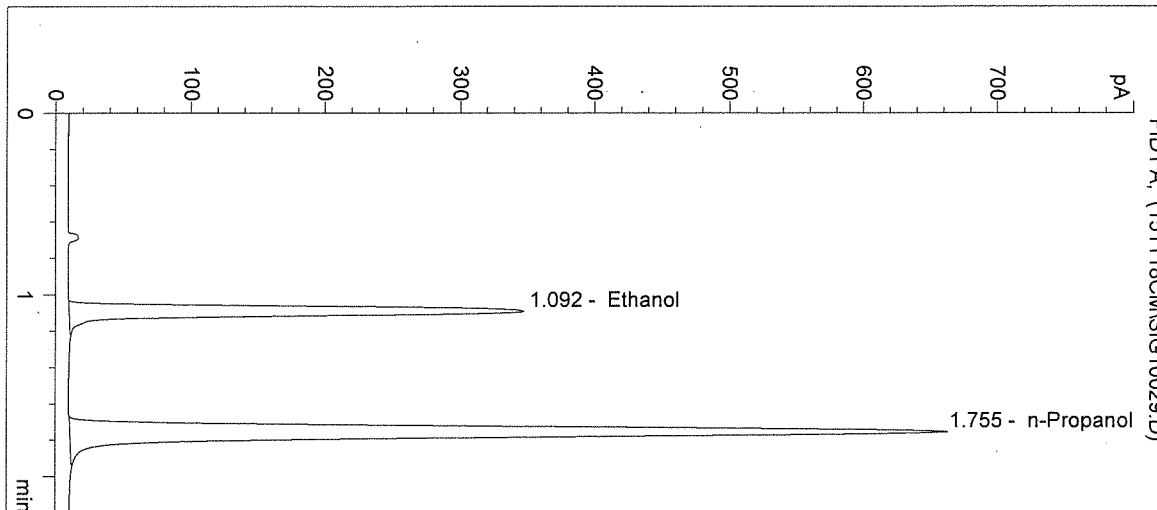
Operator: Christie Mitchell-Mata

Column: DB-ALC1

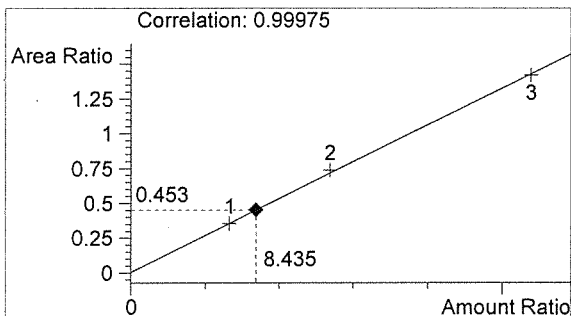
Location: Vial 29

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

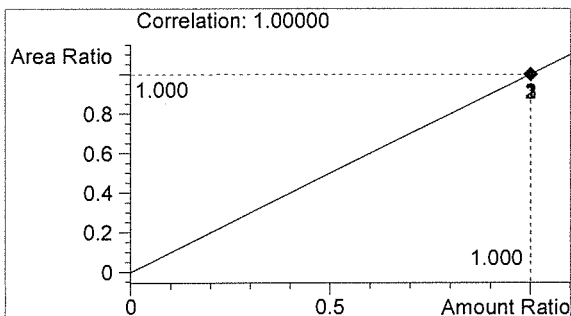
Sample Info: 15054



#	Compound	Peak Area	RT (min)
1	Ethanol	1163	1.092
2	n-Propanol	2567	1.755



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: 11/18/2015 9:25:00 AM

Sample Name: NEG CTRL

Instrument: HSGC#1

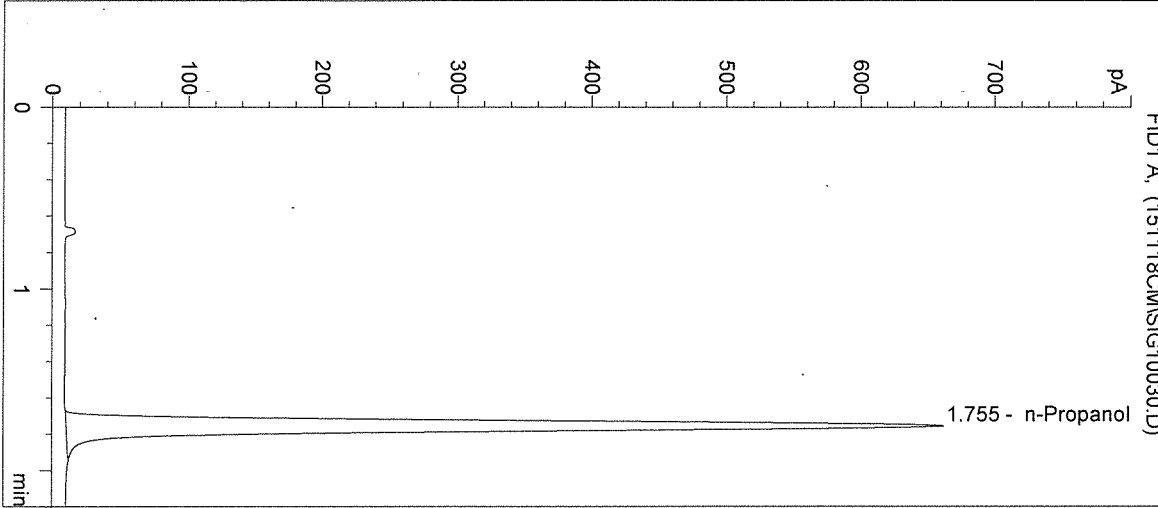
Operator: Christie Mitchell-Mata

Column: DB-ALC1

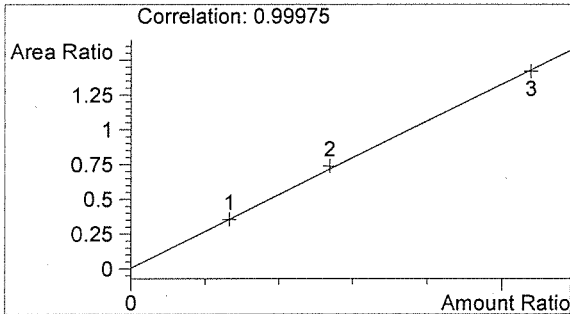
Location: Vial 30

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

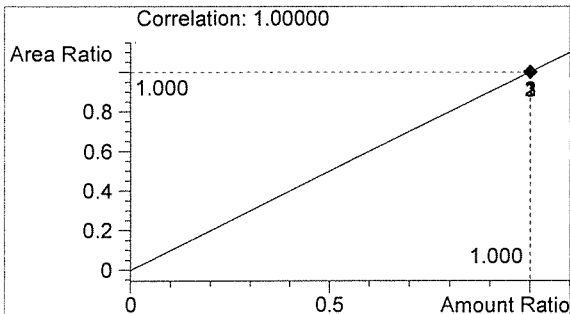
Sample Info: 15054



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2567	1.755



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

*Handwritten signature*

*Handwritten signature*