



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 16016

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: 0.20 g/210L
DATE PREPARED: 04/25/2016
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Justin L. Knoy

	JLK	AG	LK
1	0.250	0.250	0.246
2	0.250	0.251	0.248
3	0.250	0.250	0.248
4	0.249	0.248	0.250
5	0.250	0.248	0.247
C	0.101	0.101	0.101

ETHANOL CONTROL INFORMATION

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

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.2490 g/100mL PRECISION CV (%): 0.57
STANDARD DEVIATION: 0.00141 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.2024 g/210L**
EXPANDED UNCERTAINTY: ± 0.0042 (k=2, 95.45% confidence interval)

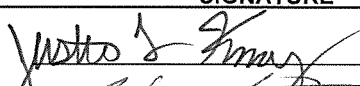
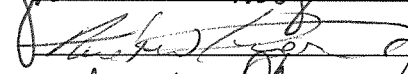
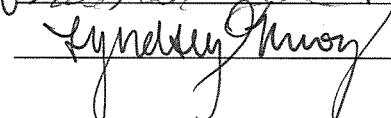
WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION



Lisa Noble Forensic Scientist Supervisor

5/26/16

DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:			
ANALYST	NAME	SIGNATURE	DATE TESTED
JLK	Justin L. Knoy		04/25/2016
AG	Andrew Gingras		04/28/2016
LK	Lyndsey Knoy		05/02/2016

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 #: 16016

Date Prepared: 4/25/2016

Analyst:	JK	AG	LK
Date Tested:	4/25/2016	4/28/2016	5/2/2016
Instrument:	HSGC #1	HSGC #3	HSGC #1
1	0.250	0.250	0.246
2	0.250	0.251	0.248
3	0.250	0.250	0.248
4	0.249	0.248	0.250
5	0.250	0.248	0.247
C	0.101	0.101	0.101

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000021505	0.0000000000	0.0001016326

Ethanol Control Lot #: FN08051301

Control Uncertainty (%): 0.29

Average Solution Concentration: 0.2490 g/100mL
 Standard Deviation: 0.00141 g/100mL
 Precision CV (%): 0.57
 Equivalent Vapor Concentration: 0.2024 g/210L
 Combined Standard Uncertainty (\pm): 0.0021 g/210L
 Expanded Uncertainty (\pm): 0.0042 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble [Signature] 5/5/16
 Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 5-23-2016 Method: Hand calculation
 Name Signature Date

Tech. review performed by: Lisa Noble [Signature] 5/5/16
 Name Signature Date

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Blach

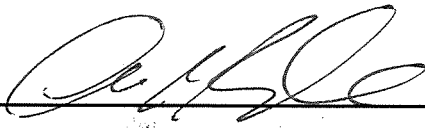
Date: 5-23-2014

Location: WSP-FLSB Seattle, WA

Solution Batch Number: 16016

	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: 5-23-2014



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>	5/6/16
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy	JK	5.6.16
Katie Harris		
Lyndsey Lowe (Knoy)	<i>LL</i>	5.6.16
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 16016 Jn 5/5/16

Initials

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

**0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 16016**

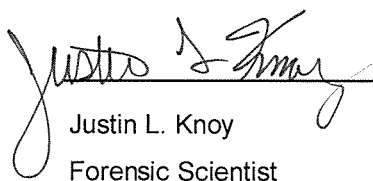
I, Justin L. Knoy, do certify under penalty of perjury that:

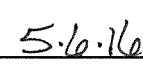
I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

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

The quality assurance procedure (QAP) solution, Lot Number 16016, was prepared in the Washington State Toxicology Laboratory on 4/25/2016. 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 4/25/2017.

Seattle, WA

 Justin L. Knoy
Forensic Scientist

 5.6.16
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 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

**0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 16016**

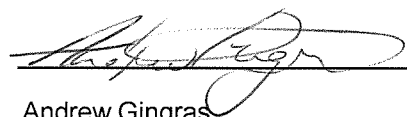
I, Andrew Gingras, do certify under penalty of perjury that:

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 16016, was prepared in the Washington State Toxicology Laboratory on 4/25/2016. 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 4/25/2017.

Seattle, WA


Andrew Gingras 5/6/2016
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 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

**0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 16016**

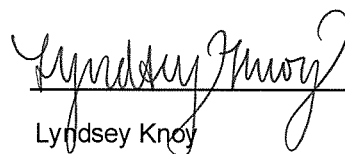
I, Lyndsey Knoy, do certify under penalty of perjury that:

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 Chemistry.

The quality assurance procedure (QAP) solution, Lot Number 16016, was prepared in the Washington State Toxicology Laboratory on 4/25/2016. 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 4/25/2017.

Seattle, WA

 5-6-16
Lyndsey Knoy Date
Forensic Scientist



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

Preparation Date: 4-25-16 Expiration Date: 4-25-17 Initials of Preparer: JKLot # of 200-proof Ethanol used in preparation: 2EA0437Date the 200-proof Ethanol bottle was opened: 4-7-16

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 Wafer (L)		Batch Number
QAP 0.04	11.2	18	<input checked="" type="checkbox"/>	<u>16013</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>16014</u>
QAP 0.10	28.1	18	<input type="checkbox"/>	
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>16015</u>
QAP 0.20	56.1	18	<input checked="" type="checkbox"/>	<u>16016</u>
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 4-25-16
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 S. King
Analyst Signature

4-25-16
Date

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: 160425JK
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0416-01 - Exp. 10/01/2016
 Ethanol Calibrator 2, E0416-02 - Exp. 10/01/2016
 Ethanol Calibrator 3, E0416-03 - Exp. 10/01/2016
 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#P0316 - Exp. 06/29/2016

Calibration vials 1-9 filed with 16013.

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	16013-1	SIMALC1	1	Sample		
11	Vial 11	16013-2	SIMALC1	1	Sample		
12	Vial 12	16013-3	SIMALC1	1	Sample		
13	Vial 13	16013-4	SIMALC1	1	Sample		
14	Vial 14	16013-5	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	16014-1	SIMALC1	1	Sample		
18	Vial 18	16014-2	SIMALC1	1	Sample		
19	Vial 19	16014-3	SIMALC1	1	Sample		
20	Vial 20	16014-4	SIMALC1	1	Sample		
21	Vial 21	16014-5	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	16015-1	SIMALC1	1	Sample		
25	Vial 25	16015-2	SIMALC1	1	Sample		
26	Vial 26	16015-3	SIMALC1	1	Sample		

16016

Justin Knoy

JK

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	16015-4	SIMALC1	1	Sample		
28	Vial 28	16015-5	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	16016-1	SIMALC1	1	Sample		
32	Vial 32	16016-2	SIMALC1	1	Sample		
33	Vial 33	16016-3	SIMALC1	1	Sample		
34	Vial 34	16016-4	SIMALC1	1	Sample		
35	Vial 35	16016-5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC1	1	Ctrl Samp		
37	Vial 37	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!

16016

JR 5/5/16

JR

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

Inj. Date: 4/25/2016 1:33:20 PM

Sample Name: 16016-1

Instrument: HSGC#1

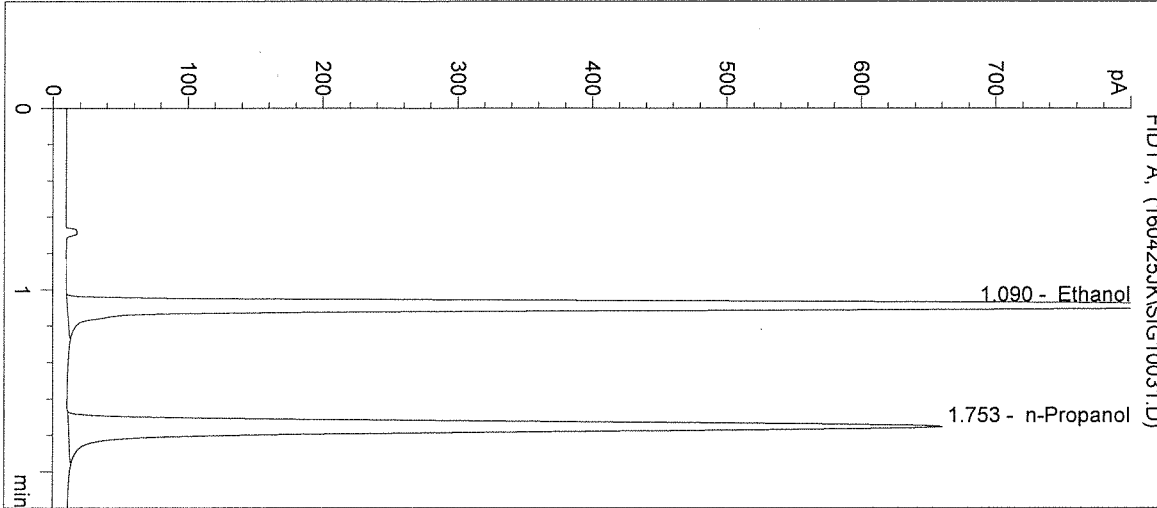
Operator: Justin Knoy

Column: DB-ALC1

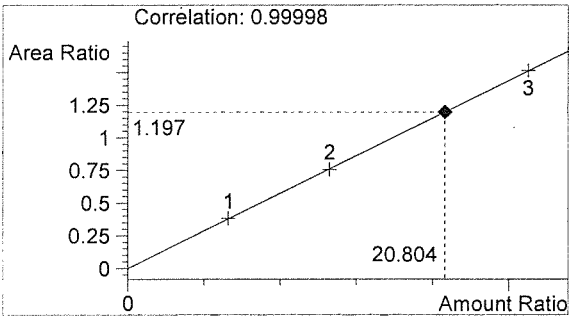
Location: Vial 31

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

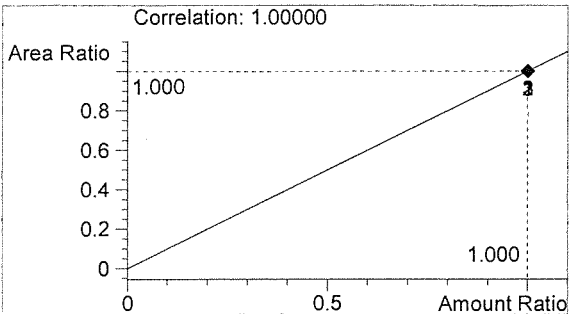
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	3050	1.090
2	n-Propanol	2548	1.753



Ethanol 0.250 g/100mL



n-Propanol 0.012 g/100mL

JK

JK

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

Inj. Date: 4/25/2016 1:36:33 PM

Sample Name: 16016-2

Instrument: HSGC#1

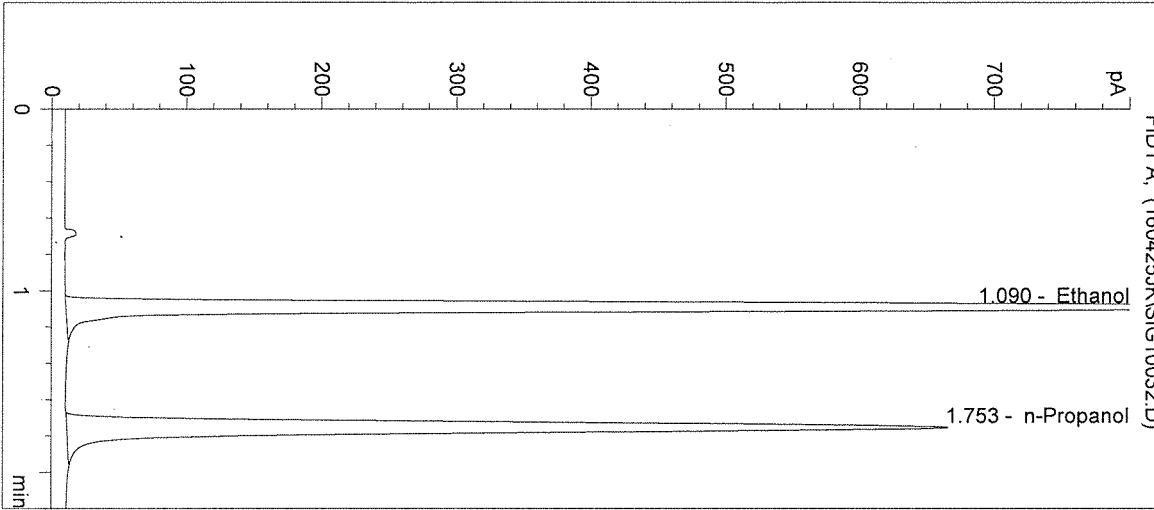
Operator: Justin Knoy

Column: DB-ALC1

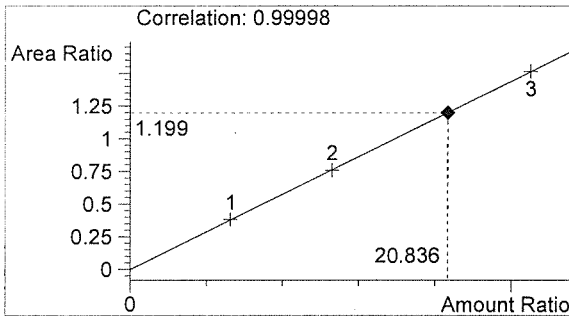
Location: Vial 32

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

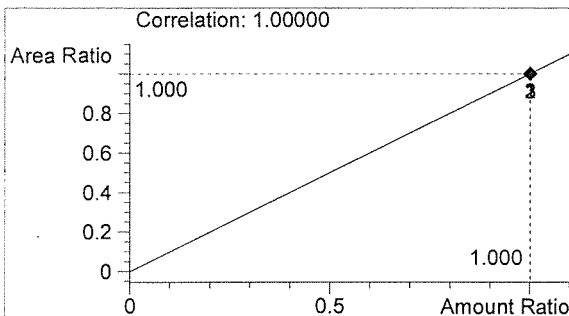
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	3089	1.090
2	n-Propanol	2577	1.753



Ethanol 0.250 g/100mL



n-Propanol 0.012 g/100mL

JK

JK

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

Inj. Date: 4/25/2016 1:39:46 PM

Sample Name: 16016-3

Instrument: HSGC#1

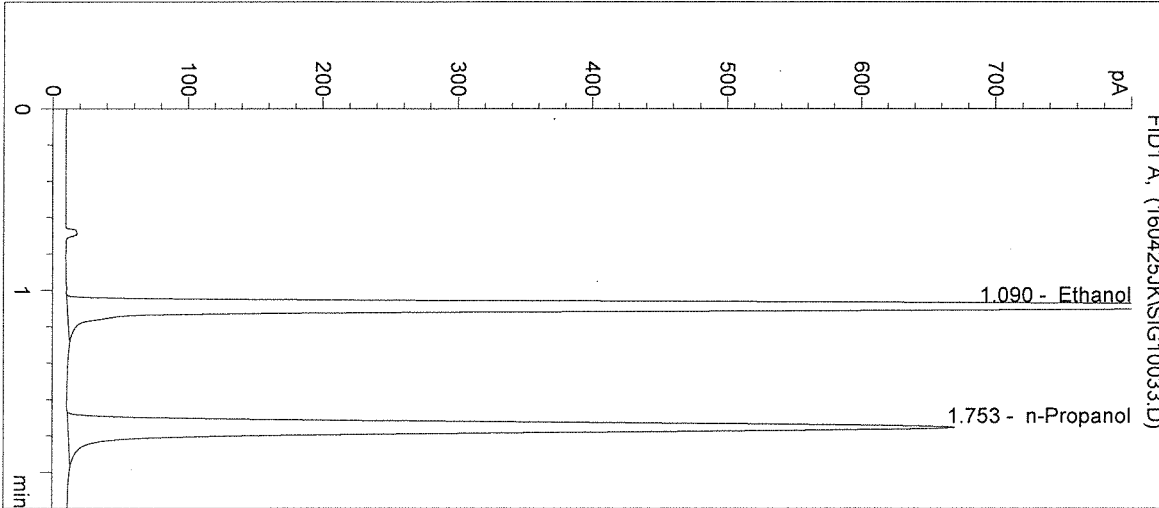
Operator: Justin Knoy

Column: DB-ALC1

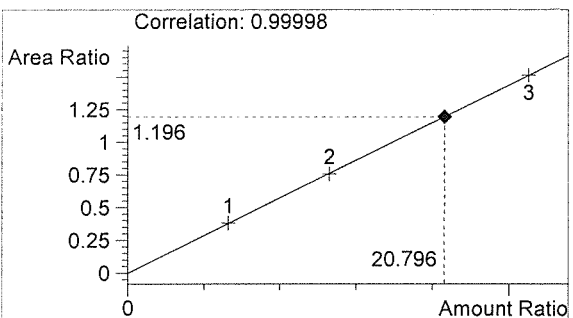
Location: Vial 33

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

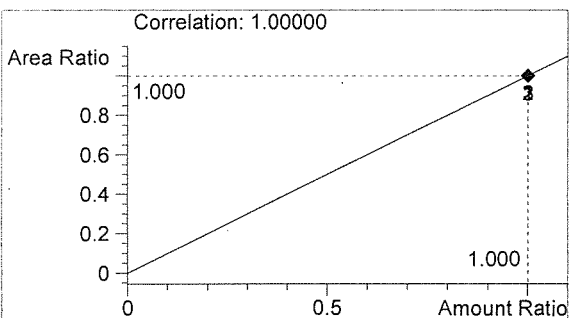
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	3101	1.090
2	n-Propanol	2592	1.753



Ethanol 0.250 g/100mL



n-Propanol 0.012 g/100mL

JK

JK

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

Inj. Date: 4/25/2016 1:43:00 PM

Sample Name: 16016-4

Instrument: HSGC#1

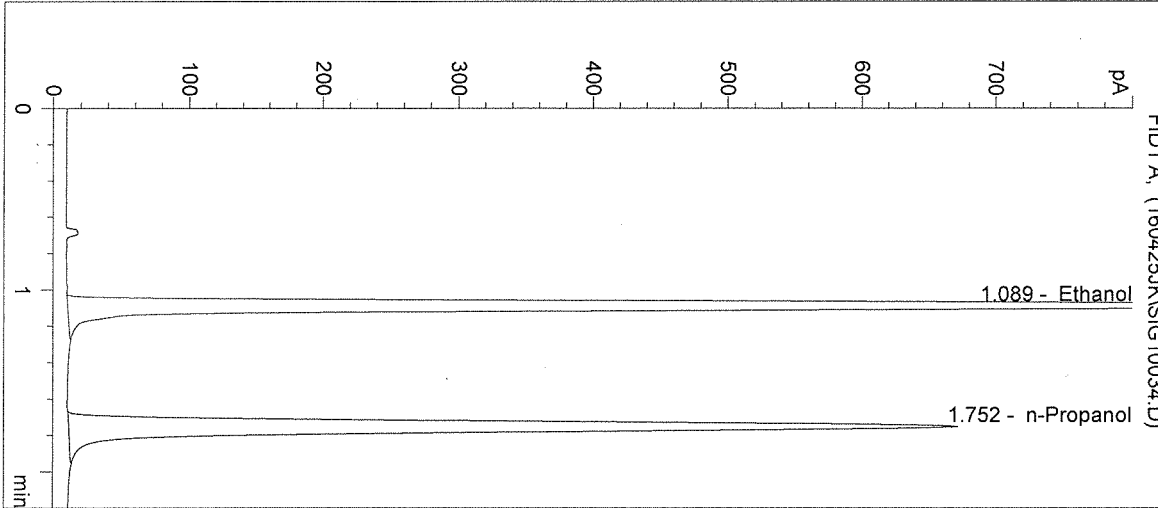
Operator: Justin Knoy

Column: DB-ALC1

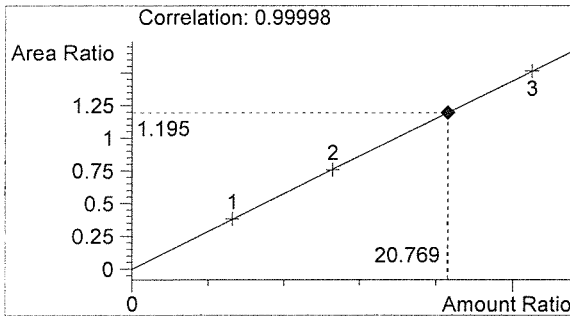
Location: Vial 34

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

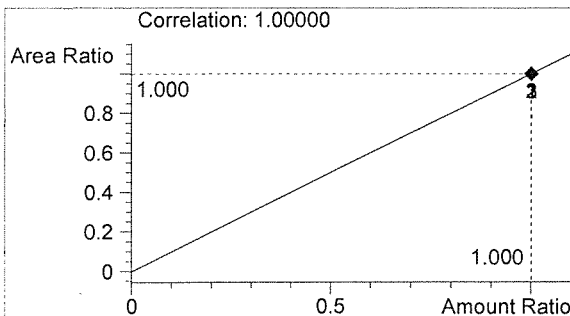
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	3090	1.089
2	n-Propanol	2587	1.752



Ethanol 0.249 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten initials JK

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

Inj. Date: 4/25/2016 1:46:13 PM

Sample Name: 16016-5

Instrument: HSGC#1

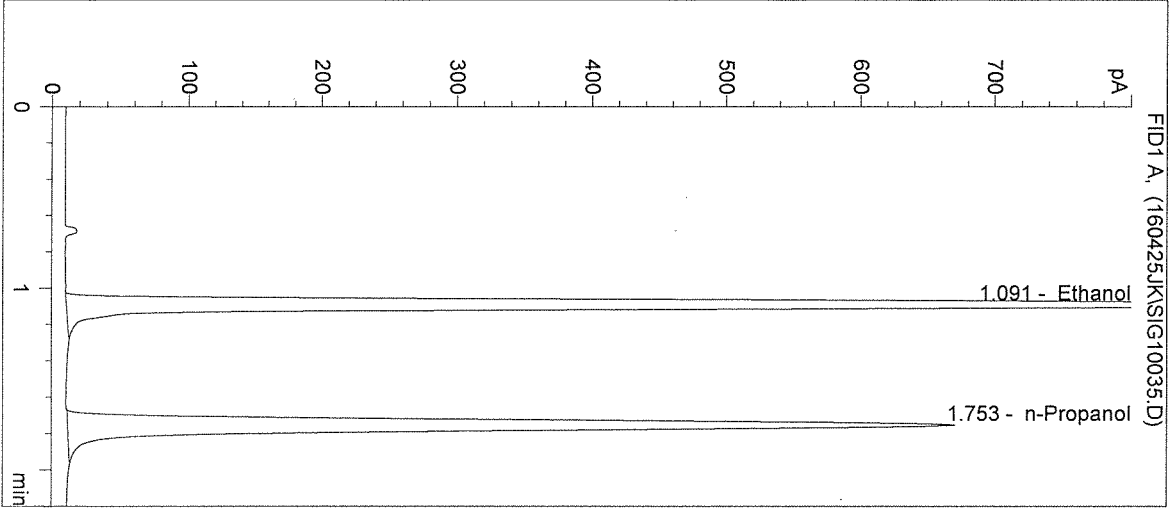
Operator: Justin Knoy

Column: DB-ALC1

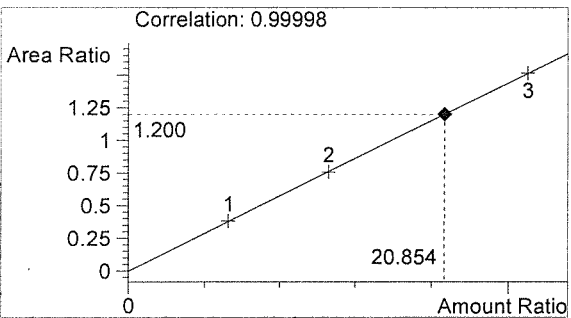
Location: Vial 35

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

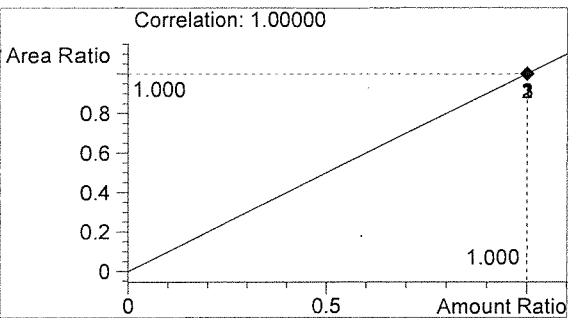
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	3110	1.091
2	n-Propanol	2592	1.753



Ethanol 0.250 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten initials

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

Inj. Date: 4/25/2016 1:49:27 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

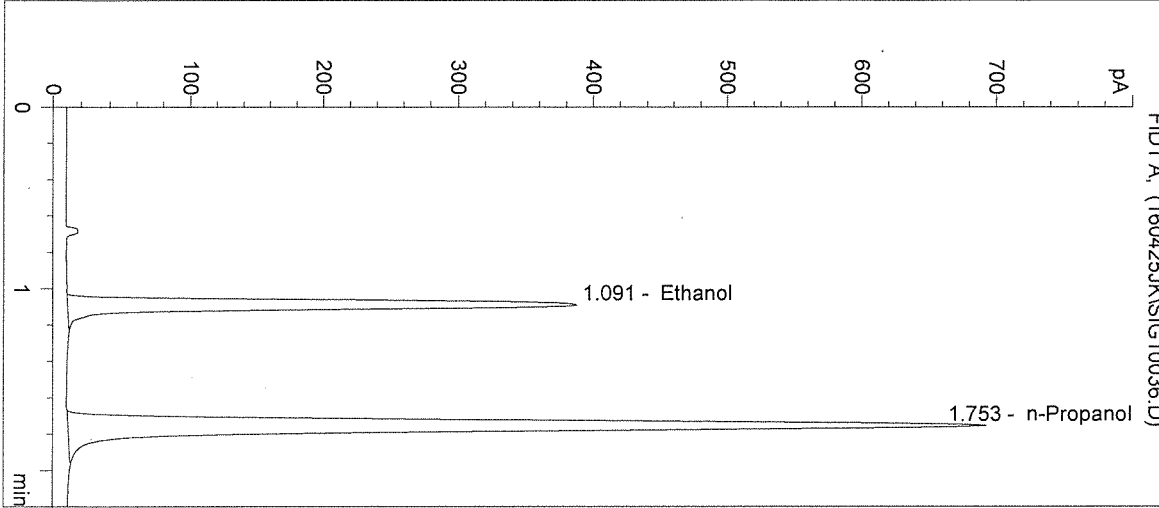
Operator: Justin Knoy

Column: DB-ALC1

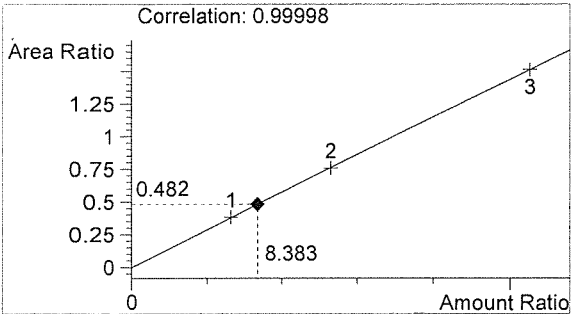
Location: Vial 36

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

Sample Info: 16016

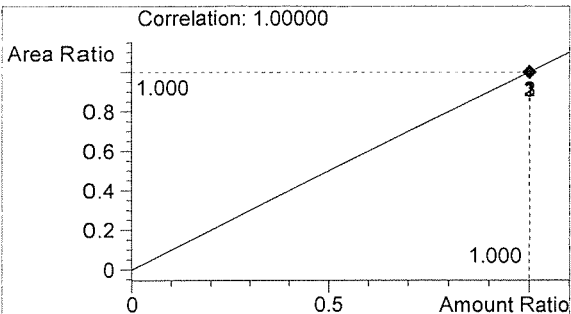


#	Compound	Peak Area	RT (min)
1	Ethanol	1294	1.091
2	n-Propanol	2687	1.753



Ethanol 0.101 g/100mL

JK



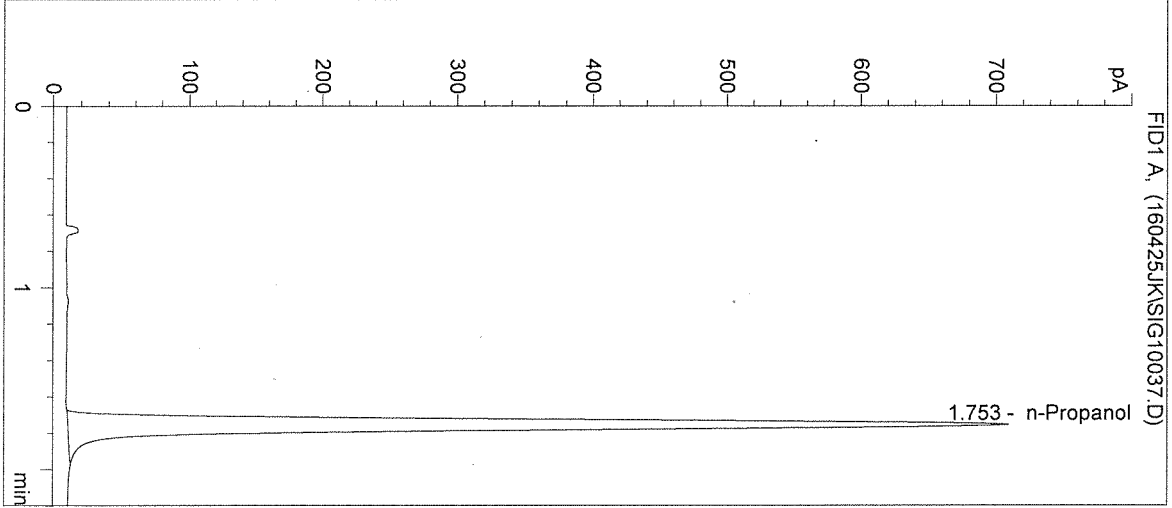
n-Propanol 0.012 g/100mL

JK

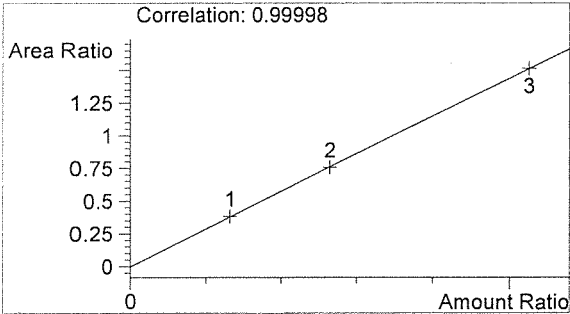
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/25/2016 1:52:41 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 16016

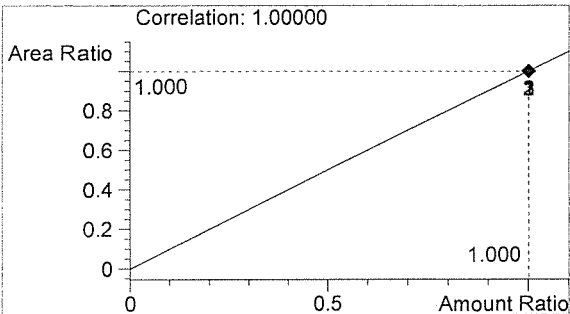
Sample Name: NEG CTRL
Operator: Justin Knoy
Location: Vial 37



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2750	1.753



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\2\DATA\
 Data Subdirectory: 160428AG
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0416-01 - Exp. 10/1/2016
 Ethanol Calibrator 2, E0416-02 - Exp. 10/1/2016
 Ethanol Calibrator 3, E0416-03 - Exp. 10/1/2016
 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#P0316 - Exp. 6/29/2016

Calibration, vials 1-9, filed with 16013

~~Calibration vials 1-9 filed with 14057~~

AG
4/28/16

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	16013 #1	SIMALC3	1	Sample		
11	Vial 11	16013 #2	SIMALC3	1	Sample		
12	Vial 12	16013 #3	SIMALC3	1	Sample		
13	Vial 13	16013 #4	SIMALC3	1	Sample		
14	Vial 14	16013 #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	16014 #1	SIMALC3	1	Sample		
18	Vial 18	16014 #2	SIMALC3	1	Sample		
19	Vial 19	16014 #3	SIMALC3	1	Sample		
20	Vial 20	16014 #4	SIMALC3	1	Sample		
21	Vial 21	16014 #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	16015 #1	SIMALC3	1	Sample		

16016

Inj 16016

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Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	16015 #2	SIMALC3	1	Sample		
26	Vial 26	16015 #3	SIMALC3	1	Sample		
27	Vial 27	16015 #4	SIMALC3	1	Sample		
28	Vial 28	16015 #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	16016 #1	SIMALC3	1	Sample		
32	Vial 32	16016 #2	SIMALC3	1	Sample		
33	Vial 33	16016 #3	SIMALC3	1	Sample		
34	Vial 34	16016 #4	SIMALC3	1	Sample		
35	Vial 35	16016 #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!

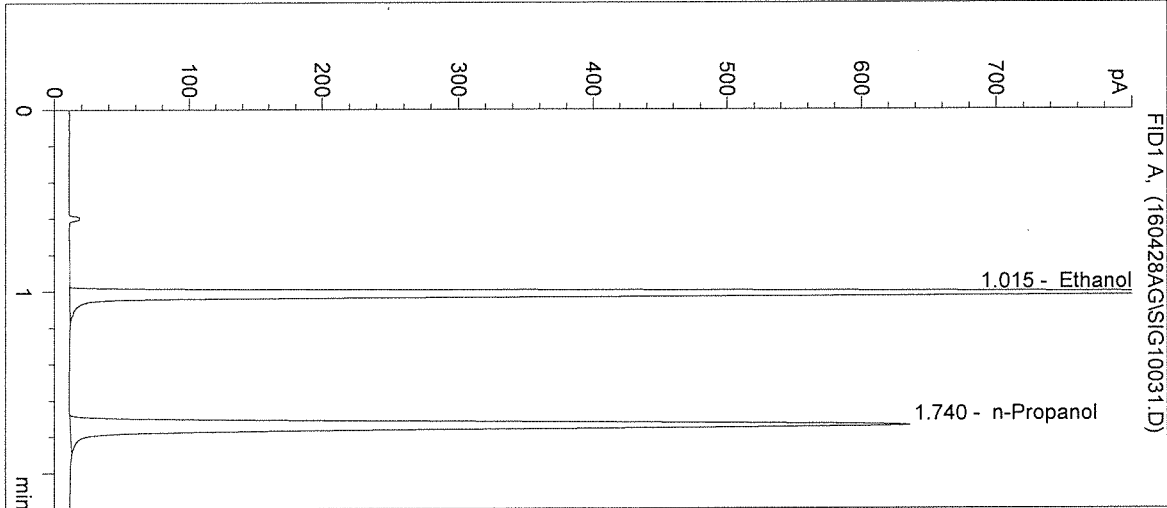
16016

In 5/5/16

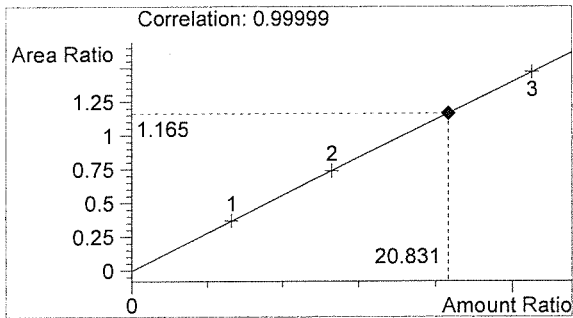
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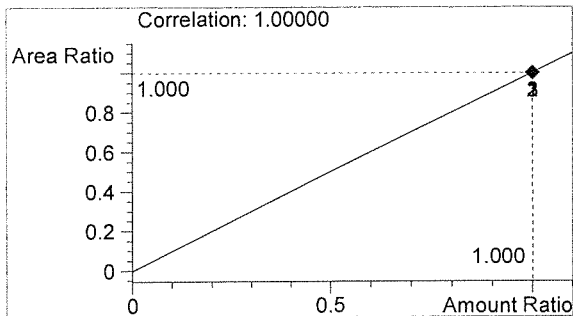
Inj. Date: 4/28/2016 9:43:53 AM Sample Name: 16016 #1
Instrument: HSGC#3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 31
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1992	1.015
2	n-Propanol	1711	1.740



Ethanol 0.250 g/100mL



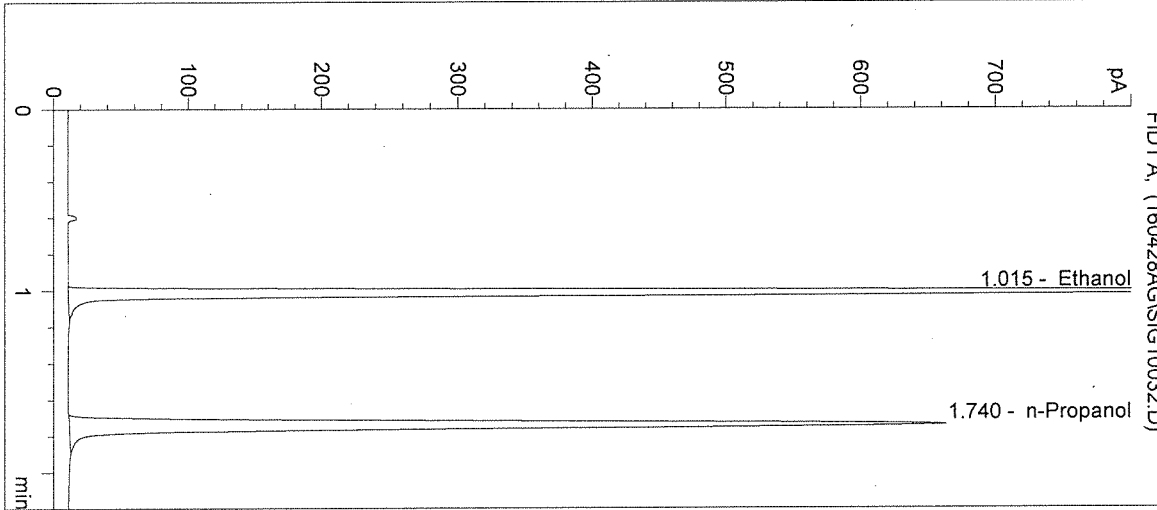
n-Propanol 0.012 g/100mL

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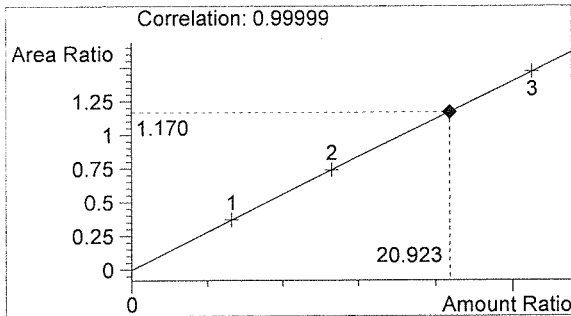
AG

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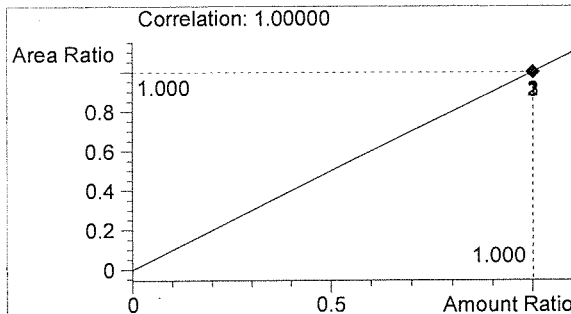
Inj. Date: 4/28/2016 9:47:07 AM Sample Name: 16016 #2
Instrument: HSGC#3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 32
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2083	1.015
2	n-Propanol	1780	1.740



Ethanol 0.251 g/100mL

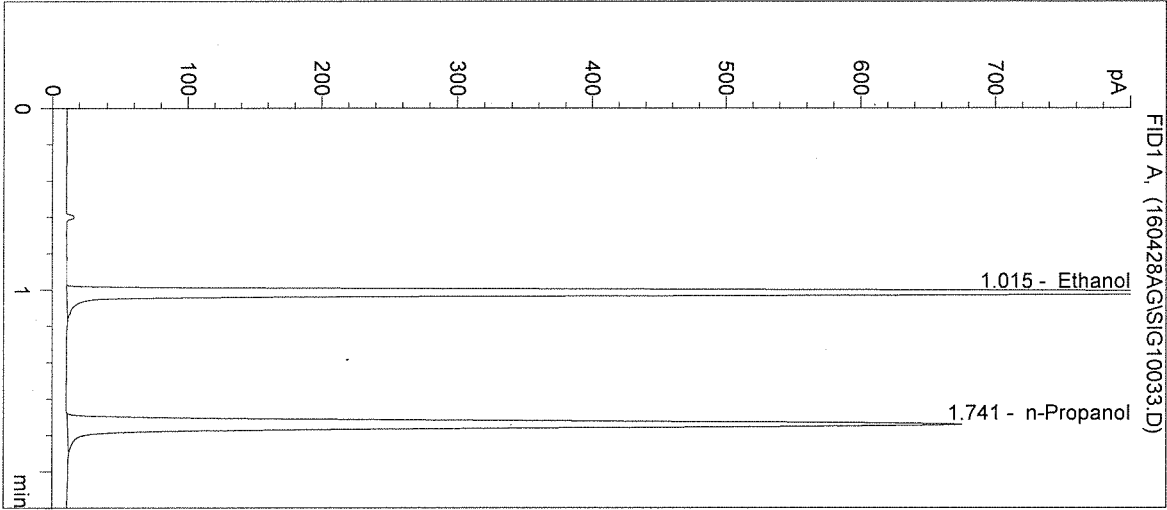


n-Propanol 0.012 g/100mL

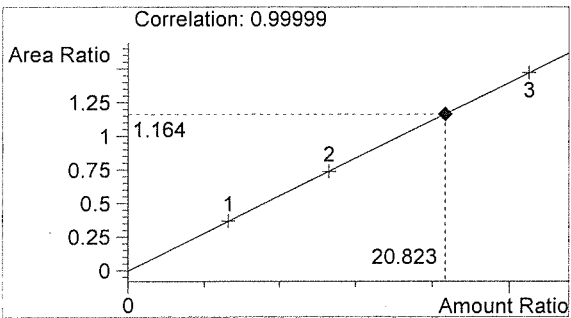
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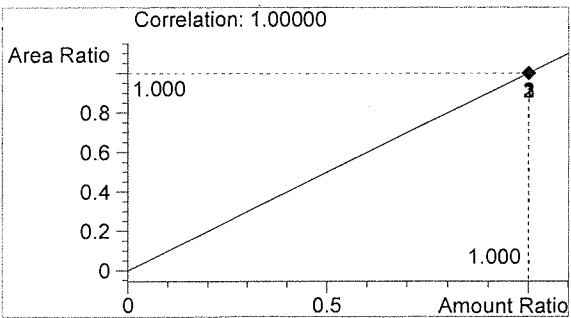
Inj. Date: 4/28/2016 9:50:20 AM Sample Name: 16016 #3
 Instrument: HSGC#3 Operator: Andrew Gingras
 Column: DB-ALC2 Location: Vial 33
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2117	1.015
2	n-Propanol	1818	1.741



Ethanol 0.250 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 4/28/2016 9:53:33 AM

Sample Name: 16016 #4

Instrument: HSGC#3

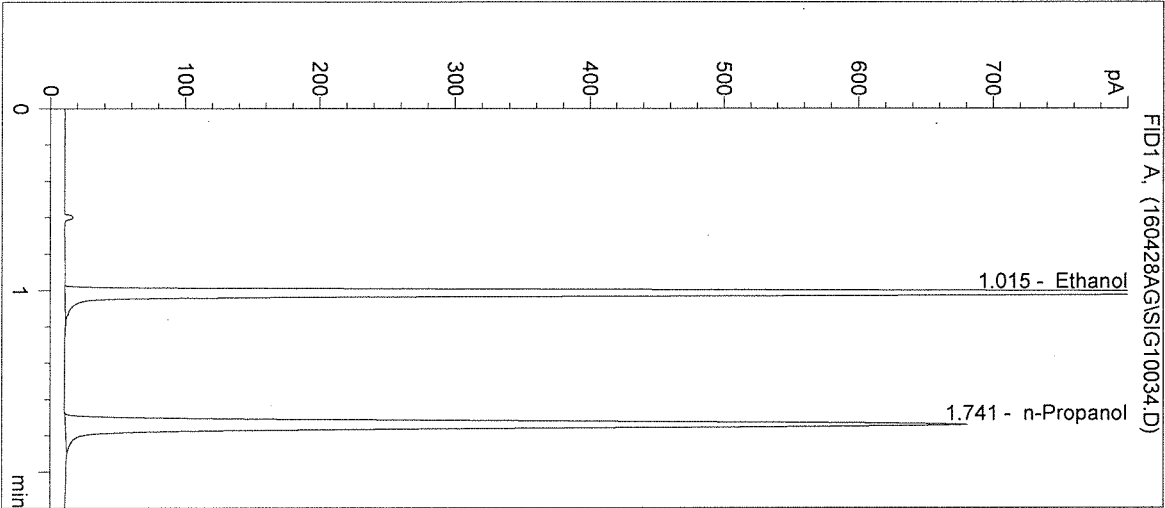
Operator: Andrew Gingras

Column: DB-ALC2

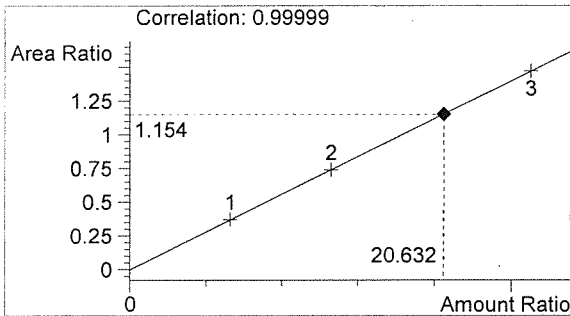
Location: Vial 34

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

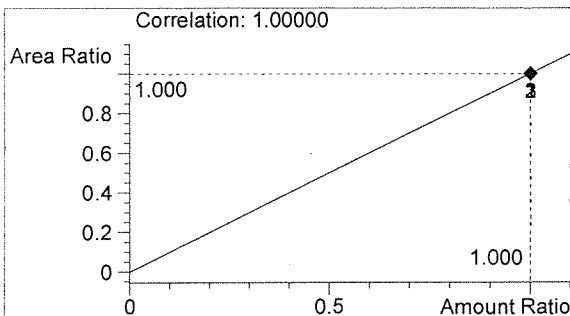
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2114	1.015
2	n-Propanol	1833	1.741



Ethanol 0.248 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 4/28/2016 9:56:46 AM

Sample Name: 16016 #5

Instrument: HSGC#3

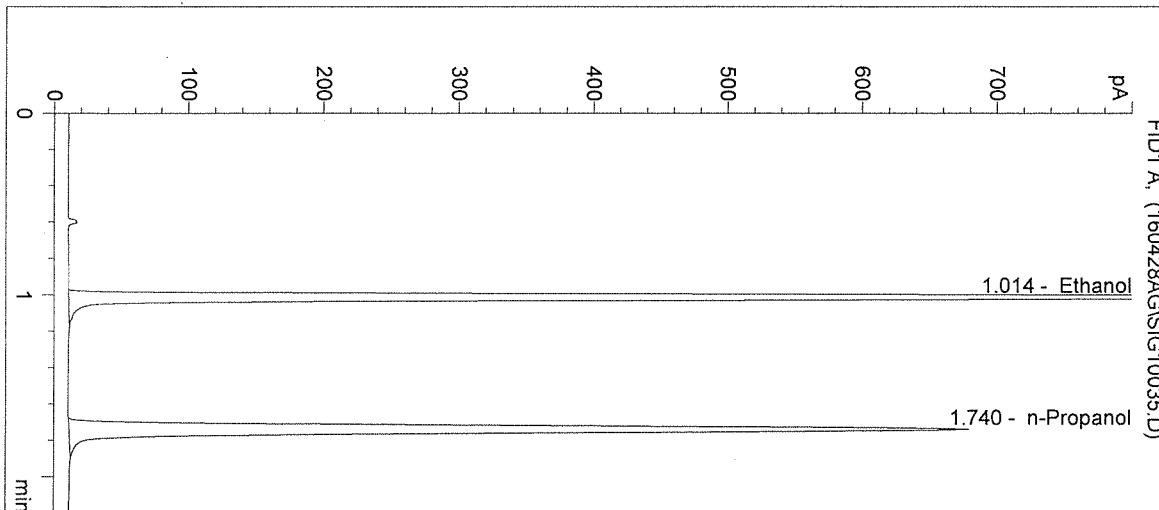
Operator: Andrew Gingras

Column: DB-ALC2

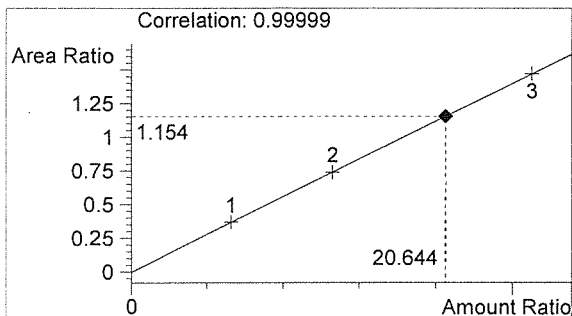
Location: Vial 35

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

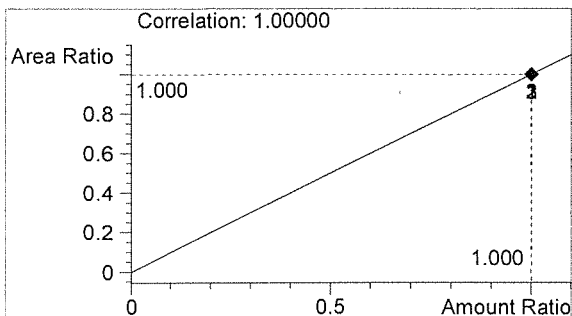
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2105	1.014
2	n-Propanol	1824	1.740



Ethanol 0.248 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 4/28/2016 10:00:00 AM

Sample Name: 0.10 CTRL

Instrument: HSGC#3

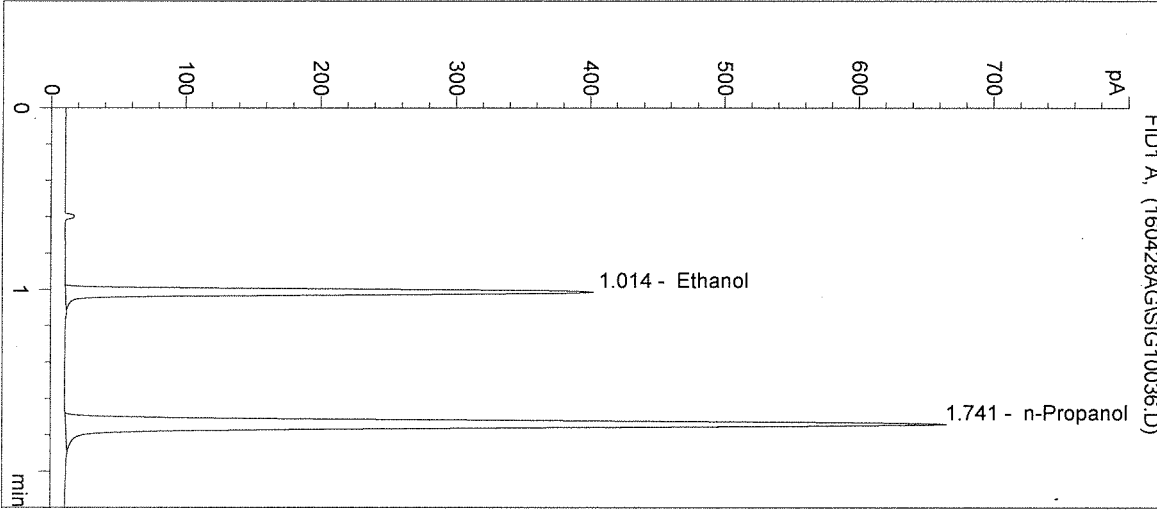
Operator: Andrew Gingras

Column: DB-ALC2

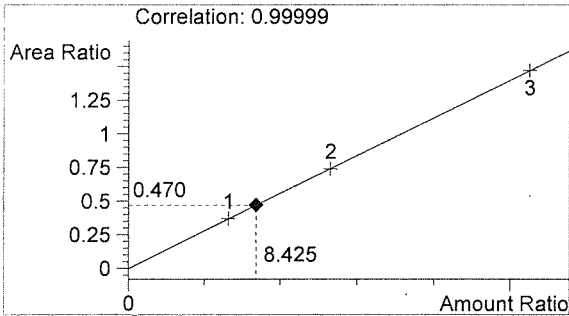
Location: Vial 36

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

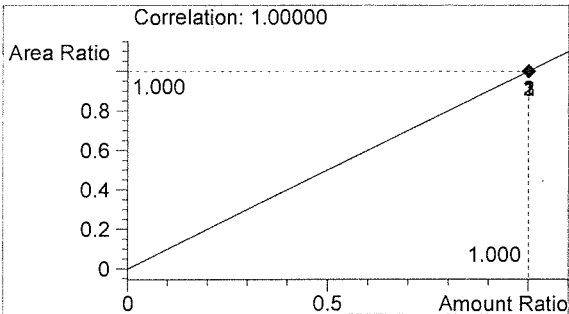
Sample Info: 16016



#	Compound	Peak Area	RT (min)
1	Ethanol	841	1.014
2	n-Propanol	1790	1.741



Ethanol 0.101 g/100mL

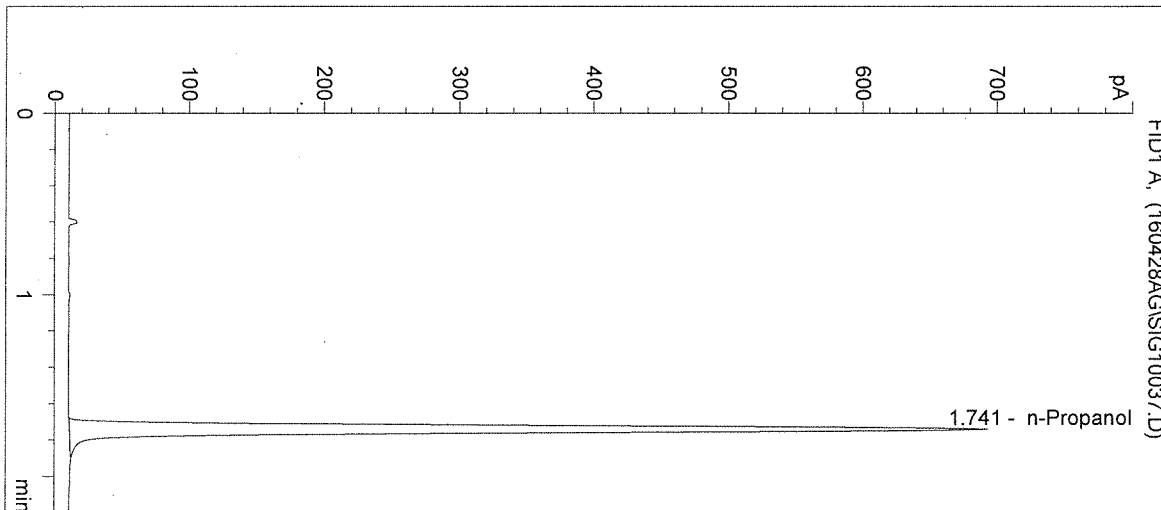


n-Propanol 0.012 g/100mL

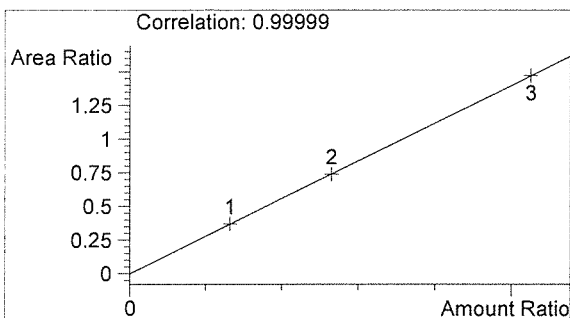
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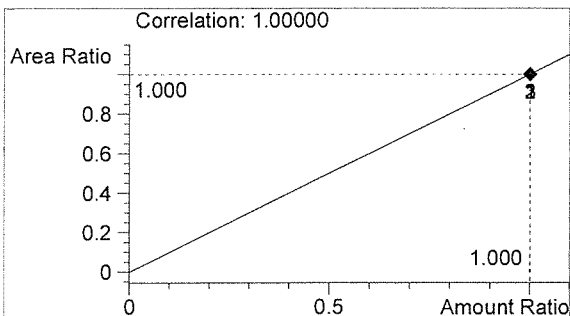
Inj. Date: 4/28/2016 10:03:15 AM Sample Name: NEG CTRL
Instrument: HSGC#3 Operator: Andrew Gingras
Column: DB-ALC2 Location: Vial 37
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16016



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1868	1.741



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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Sequence Parameters:

Operator: Lyndsey 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: 160502LK
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0416-01 - Exp. 10/01/16
 Ethanol Calibrator 2, E0416-02 - Exp. 10/01/16
 Ethanol Calibrator 3, E0416-03 - Exp. 10/01/16

 0.04 Control - Lot #FN05011301 - Exp. 05/2018
 0.10 Control - Lot #FN08051301 - Exp. 10/2018
 0.20 Control - Lot #FN03211401 - Exp. 06/2019

 ISTD Lot#P0316 - Exp. 06/29/2016

 Calibration 1-9 filed with 16013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	Negative 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	Negative CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	16013 #1	SIMALC1	1	Sample		
11	Vial 11	16013 #2	SIMALC1	1	Sample		
12	Vial 12	16013 #3	SIMALC1	1	Sample		
13	Vial 13	16013 #4	SIMALC1	1	Sample		
14	Vial 14	16013 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	16014 #1	SIMALC1	1	Sample		
18	Vial 18	16014 #2	SIMALC1	1	Sample		
19	Vial 19	16014 #3	SIMALC1	1	Sample		
20	Vial 20	16014 #4	SIMALC1	1	Sample		
21	Vial 21	16014 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	Negative CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	16015 #1	SIMALC1	1	Sample		

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Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	16015 #2	SIMALC1	1	Sample		
26	Vial 26	16015 #3	SIMALC1	1	Sample		
27	Vial 27	16015 #4	SIMALC1	1	Sample		
28	Vial 28	16015 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC1	1	Ctrl Samp		
30	Vial 30	Negative CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	16016 #1	SIMALC1	1	Sample		
32	Vial 32	16016 #2	SIMALC1	1	Sample		
33	Vial 33	16016 #3	SIMALC1	1	Sample		
34	Vial 34	16016 #4	SIMALC1	1	Sample		
35	Vial 35	16016 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC1	1	Ctrl Samp		
37	Vial 37	Negative 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!

16016

In 5/16

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Inj. Date: 5/2/2016 2:54:50 PM

Sample Name: 16016 #1

Instrument: HSGC#1

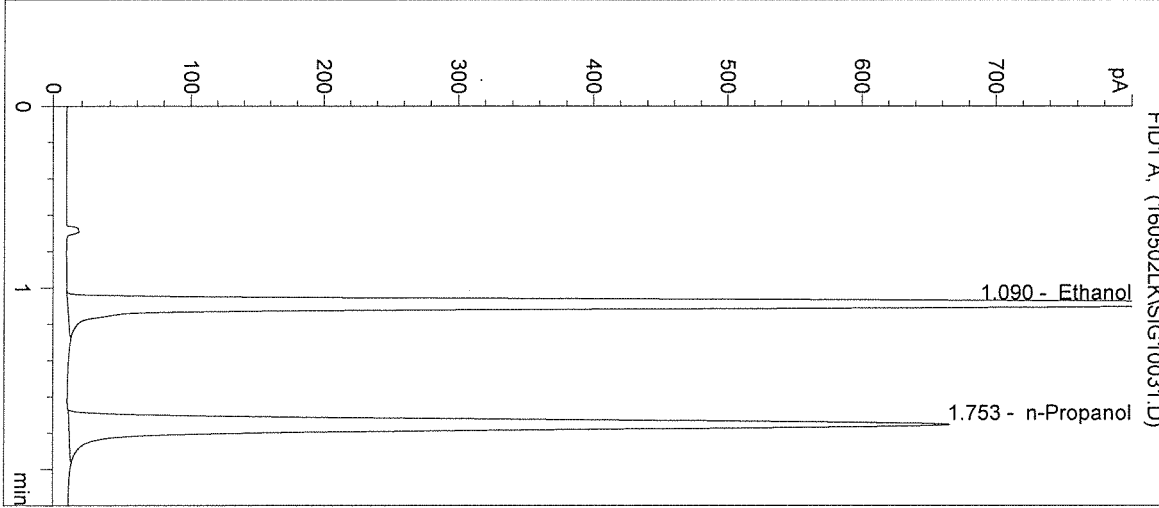
Operator: Lyndsey Knoy

Column: DB-ALC1

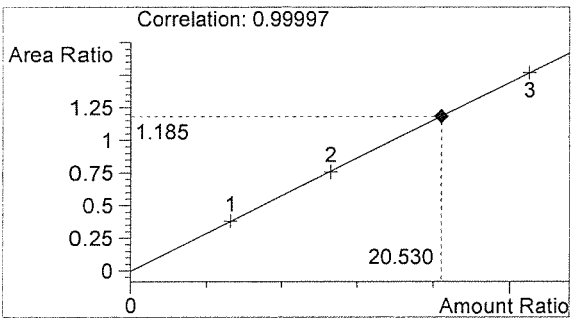
Location: Vial 31

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

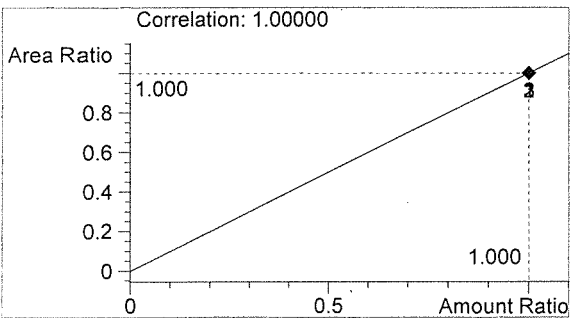
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	3045	1.090
2	n-Propanol	2570	1.753



Ethanol 0.246 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 5/2/2016 2:58:03 PM

Sample Name: 16016 #2

Instrument: HSGC#1

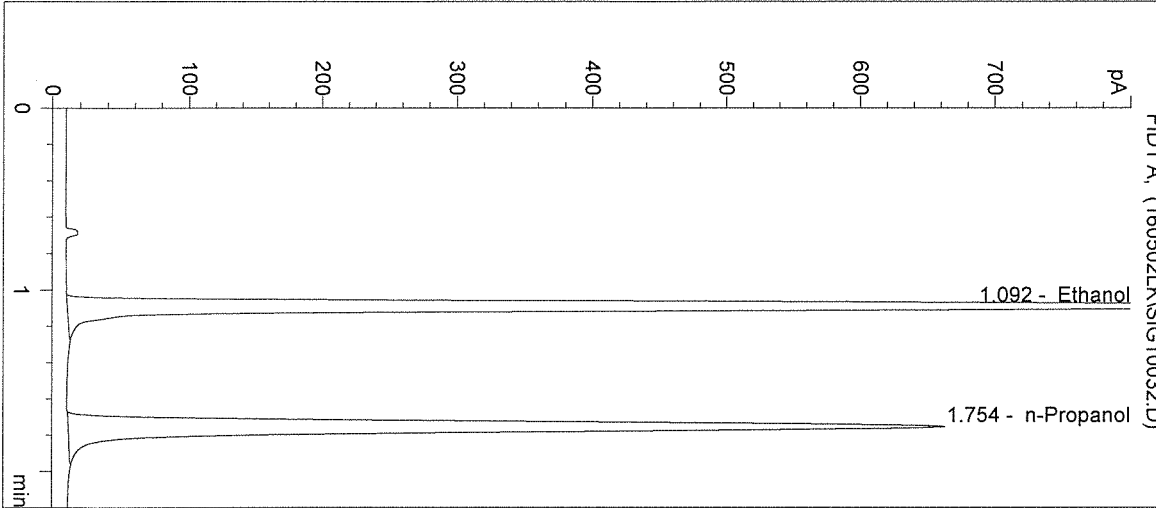
Operator: Lyndsey Knoy

Column: DB-ALC1

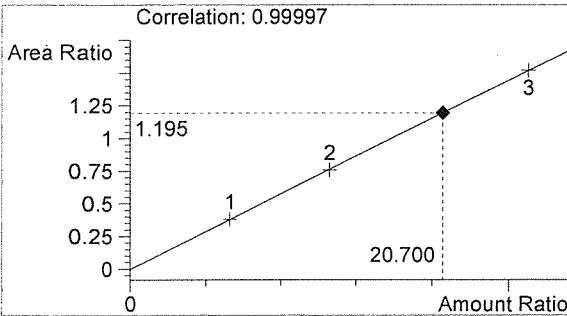
Location: Vial 32

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

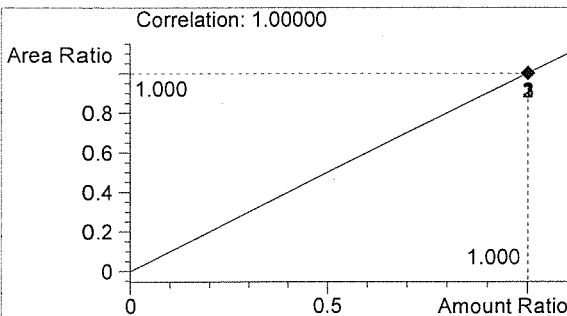
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	3055	1.092
2	n-Propanol	2558	1.754



Ethanol 0.248 g/100mL



n-Propanol 0.012 g/100mL

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 2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2016 3:01:16 PM

Sample Name: 16016 #3

Instrument: HSGC#1

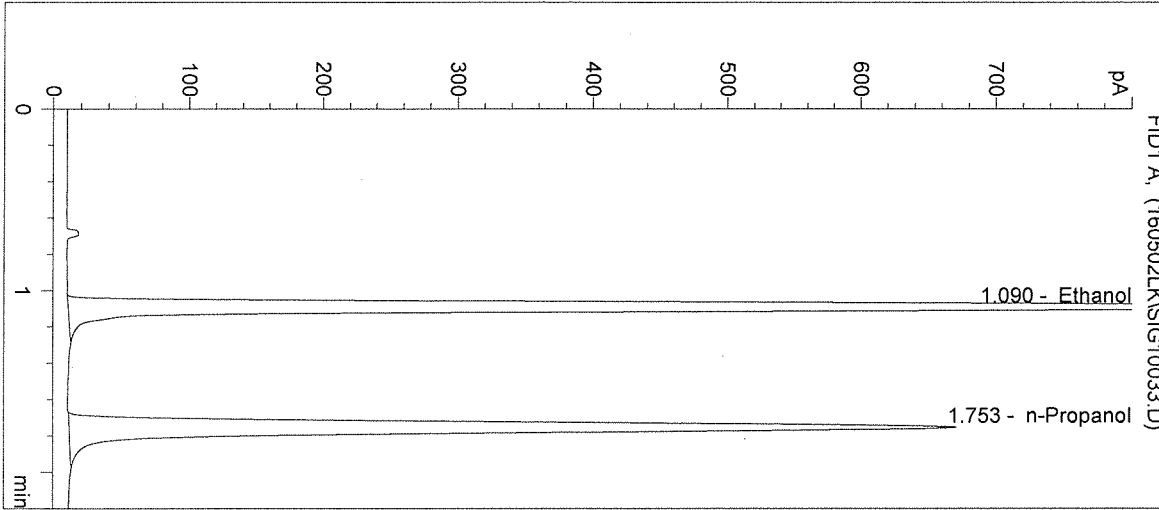
Operator: Lyndsey Knoy

Column: DB-ALC1

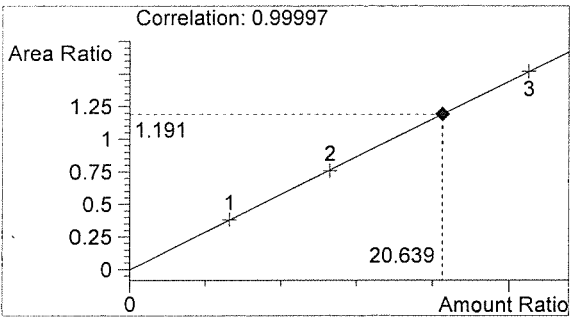
Location: Vial 33

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

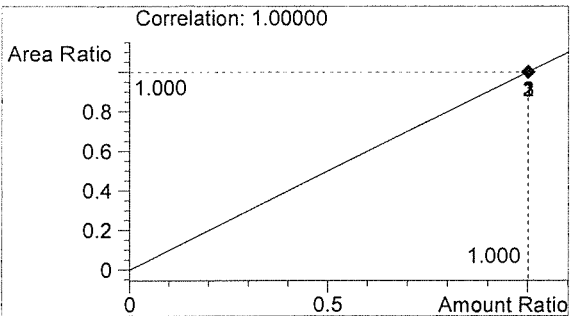
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	3085	1.090
2	n-Propanol	2590	1.753



Ethanol 0.248 g/100mL



n-Propanol 0.012 g/100mL

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 2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2016 3:04:29 PM

Sample Name: 16016 #4

Instrument: HSGC#1

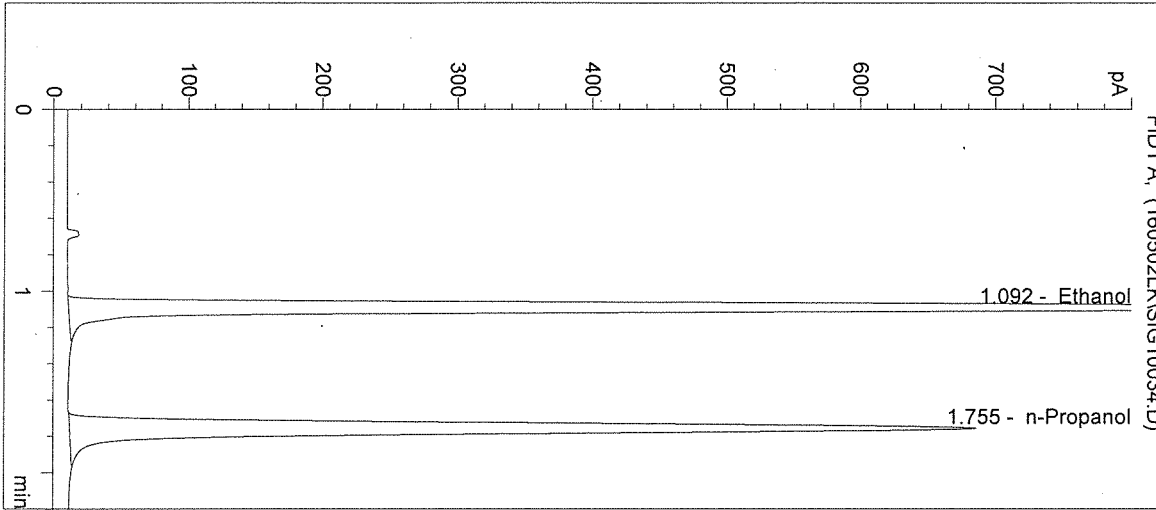
Operator: Lyndsey Knoy

Column: DB-ALC1

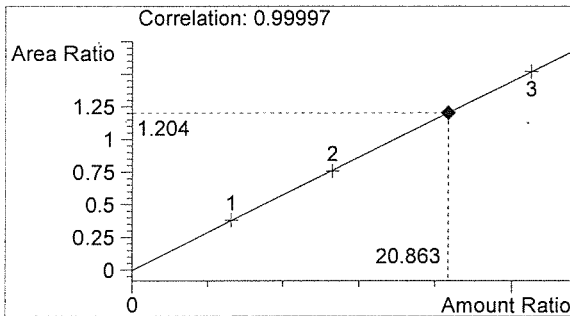
Location: Vial 34

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

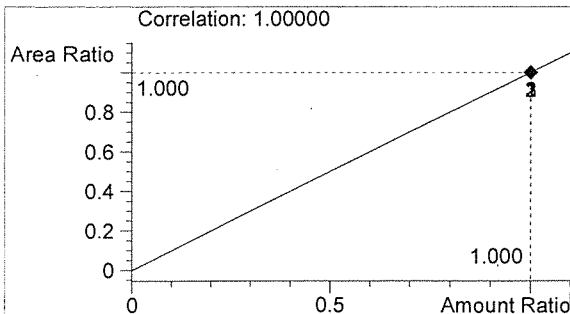
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	3196	1.092
2	n-Propanol	2654	1.755



Ethanol 0.250 g/100mL



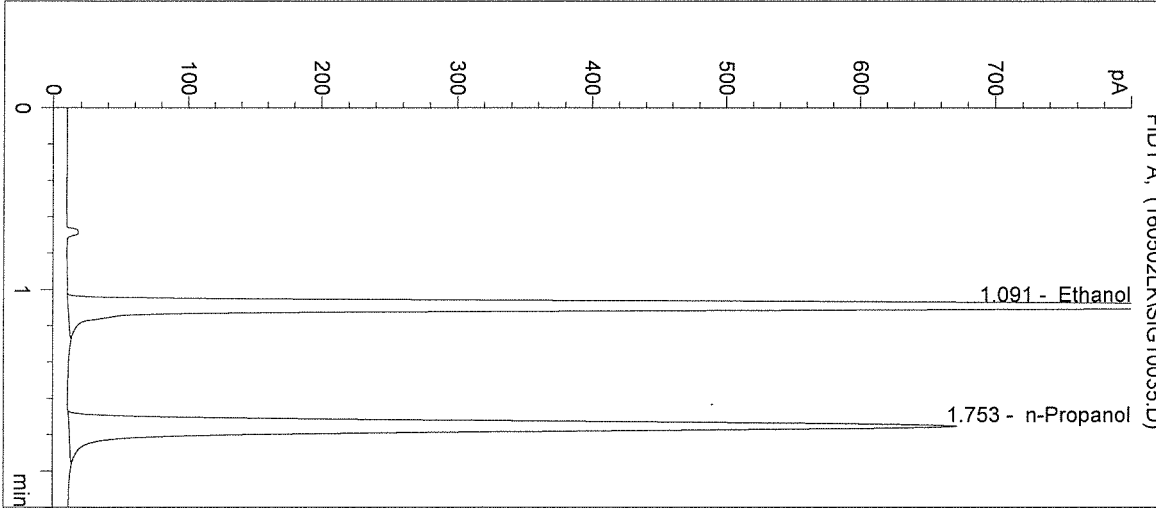
n-Propanol 0.012 g/100mL

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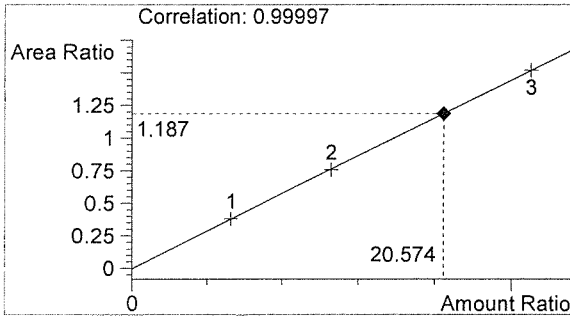
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2203 Airport Way S Seattle, WA 98134

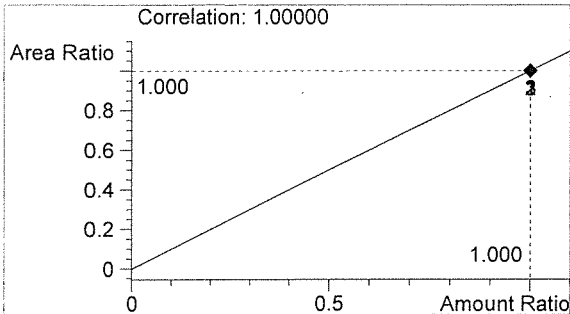
Inj. Date: 5/2/2016 3:07:43 PM Sample Name: 16016 #5
Instrument: HSGC#1 Operator: Lyndsey Knoy
Column: DB-ALC1 Location: Vial 35
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	3079	1.091
2	n-Propanol	2593	1.753



Ethanol 0.247 g/100mL



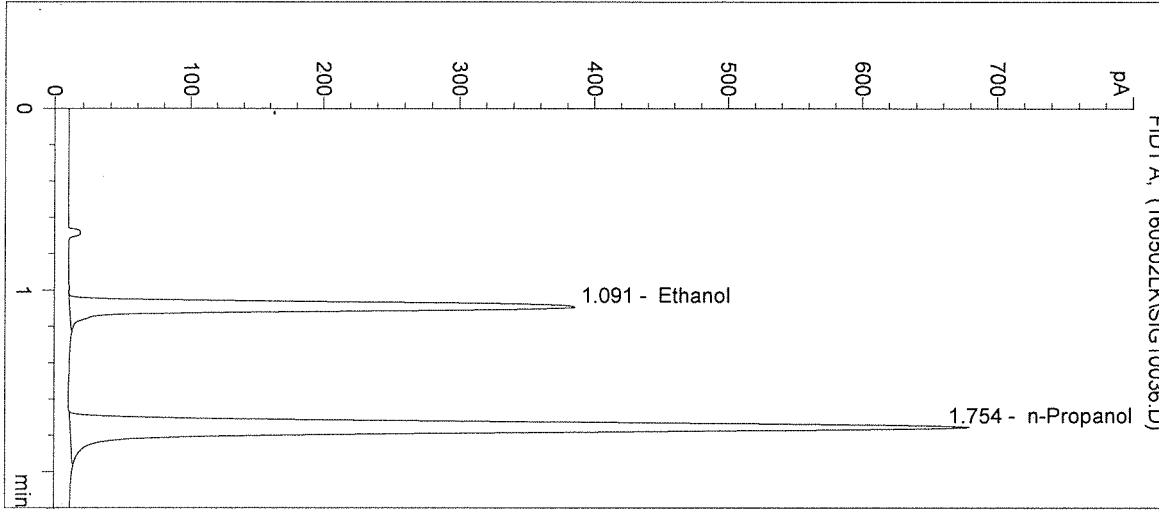
n-Propanol 0.012 g/100mL

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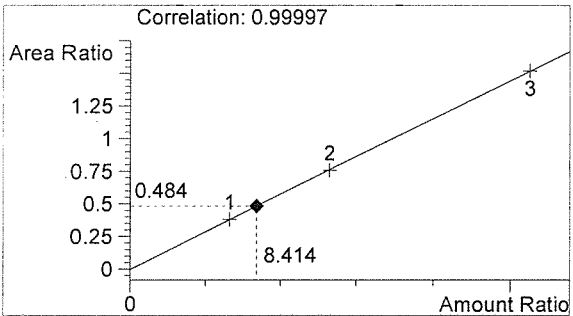
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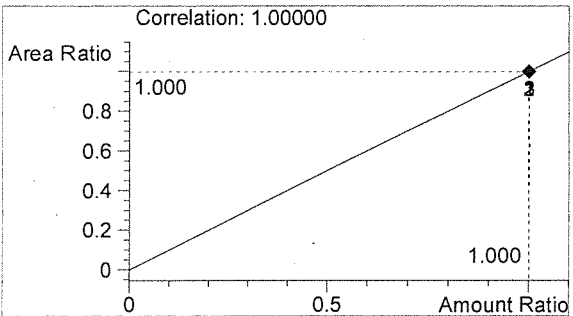
Inj. Date: 5/2/2016 3:10:56 PM Sample Name: 0.10 CTRL
Instrument: HSGC#1 Operator: Lyndsey Knoy
Column: DB-ALC1 Location: Vial 36
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 16016



#	Compound	Peak Area	RT (min)
1	Ethanol	1275	1.091
2	n-Propanol	2633	1.754



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 5/2/2016 3:14:11 PM

Sample Name: Negative CTRL

Instrument: HSGC#1

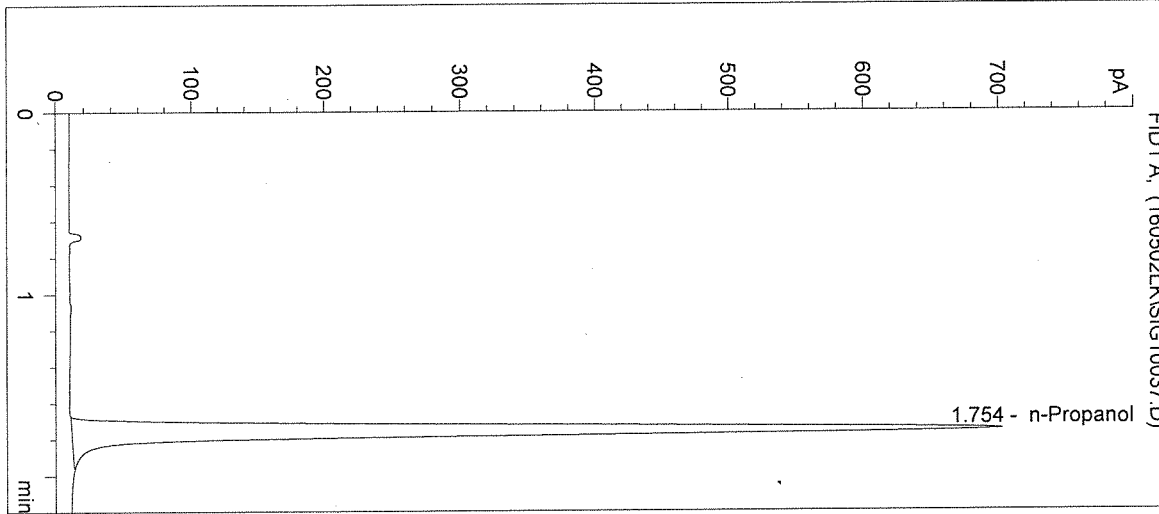
Operator: Lyndsey Knoy

Column: DB-ALC1

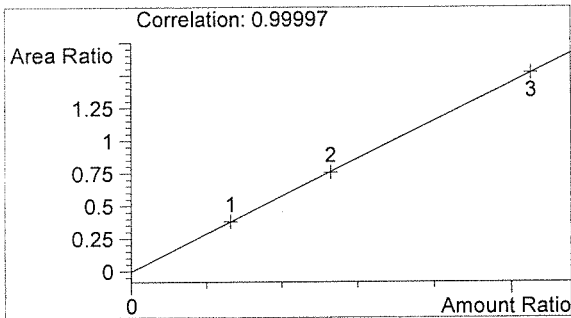
Location: Vial 37

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

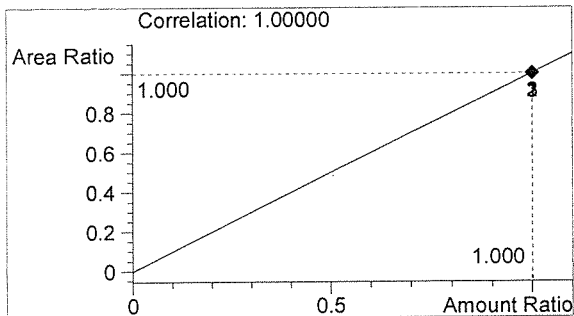
Sample Info: 16016



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2719	1.754



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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