



**QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT**

**BATCH REPORT: 13051**

**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: 10/10/2013  
BATCH UNITS: g/100mL

IDENTITY: QAP Solution  
PREPARED BY: Katie Knorr

	KK	JLK	AC
1	0.127	0.125	0.124
2	0.127	0.125	0.125
3	0.122	0.125	0.124
4	0.129	0.128	0.123
5	0.126	0.129	0.125
C	0.102	0.101	0.100

**ETHANOL CONTROL INFORMATION**

LOT NUMBER: A095230 EXPIRATION: 09/2017 CONCENTRATION: 0.10 g/100mL

**RESULTS OF TESTING**

AVERAGE SOLUTION CONCENTRATION: 0.1256 g/100mL PRECISION CV (%): 1.64  
STANDARD DEVIATION: 0.00206 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.1021 g/210L**  
COMBINED STANDARD UNCERTAINTY: ± 0.0013 (k=1, 68% confidence interval)

**WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION**

*Brianna Peterson*  
Brianna Peterson Laboratory Manager

*11/19/13*  
DATE REPORT ISSUED

ANALYST	NAME	THIS TESTING WAS PERFORMED BY:		DATE TESTED
		SIGNATURE		
KK	Katie Knorr	<i>Katie Knorr</i>		10/10/2013
JLK	Justin L. Knoy	<i>Justin L. Knoy</i>		10/11/2013
AC	Amanda Chandler	<i>Amanda Chandler</i>		10/14/2013

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

QAP Solution Batch #: **13051**

Date Prepared: **10/10/2013**

Analyst:	KK	JLK	AC
Date Tested:	10/10/2013	10/11/2013	10/14/2013
Instrument:	HS#3	HS#3	HS#3
1	0.127	0.125	0.124
2	0.127	0.125	0.125
3	0.122	0.125	0.124
4	0.129	0.128	0.123
5	0.126	0.129	0.125
C	0.102	0.101	0.100

$CV^2_{COA}$	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000179907	0.0000326765	0.0001016326

Ethanol Control Lot #: **A095230**  
Control Uncertainty (%): **0.29**

Average Solution Concentration: 0.1256 g/100mL  
Standard Deviation: 0.00206 g/100mL  
Precision CV (%): 1.64  
Equivalent Vapor Concentration: 0.1021 g/210L  
Combined Standard Uncertainty ( $\pm$ ): 0.0013 g/210L

Calculations performed by: Brianna Peterson Brianna Peterson 10/22/13  
Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 11-12-2013  
Name Signature Date

Method: Hand calculation

Tech. review performed by: Brianna Peterson Brianna Peterson 10/25/13  
Name Signature Date

## SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black

Date: 11-12-2013

Location: WSP-FLSB Seattle, WA

Solution Batch Number: - 13051

	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: 11-12-2013

Reviewer Signature:

N/A OB 11-12-13

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	AC	10/23/13
Andrew Gingras		
Asa Louis		
Brittany Ball		
Christie Mitchell-Mata		
Christopher Johnston		
Justin Knoy	JK	10-24-13
Katie Knorr	OK	10/22/13
Lyndsey Lowe		
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson		

**1 3 0 5 1**

Batch # \_\_\_\_\_

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

**DATAMASTER 0.10 QAP SOLUTION  
CERTIFICATION FOR LOT 13051**

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

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

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

The gap solution, Lot Number 13051, was prepared in the Washington State Toxicology Laboratory on 10/10/2013. I examined and tested this solution. 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 10/10/2014.

Seattle, WA

 10/02/13

Katie Knorr

Date

Forensic Toxicologist



JAY INSLEE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
WASHINGTON STATE PATROL  
WASHINGTON STATE TOXICOLOGY LABORATORY

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**DATAMASTER 0.10 QAP SOLUTION  
CERTIFICATION FOR LOT 13051**

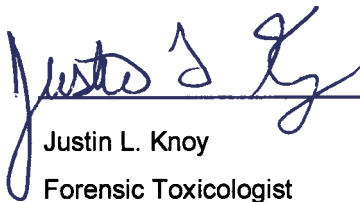
I, Justin L. Knoy, do certify under penalty of perjury that:

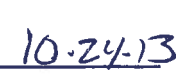
I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

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

The qap solution, Lot Number 13051, was prepared in the Washington State Toxicology Laboratory on 10/10/2013. I examined and tested this solution. 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 10/10/2014.

Seattle, WA

 Justin L. Knoy  
Forensic Toxicologist

 10-24-13  
Date



JAY INSLEE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
WASHINGTON STATE PATROL  
WASHINGTON STATE TOXICOLOGY LABORATORY

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**DATAMASTER 0.10 QAP SOLUTION  
CERTIFICATION FOR LOT 13051**

I, Amanda Chandler, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

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

The qap solution, Lot Number 13051, was prepared in the Washington State Toxicology Laboratory on 10/10/2013. I examined and tested this solution. 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 10/10/2014.

Seattle, WA

 10/23/13

Amanda Chandler

Date

Forensic Toxicologist



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

Preparation Date: 10/10/13 Initials of Preparer: KK

Expiration Date: 10/10/14

Lot # of 200-proof Ethanol used in preparation: 2CB0070

Date the 200-proof Ethanol bottle was opened: 9/11/13

After opening, each bottle of 200-proof Ethanol is approved for use for 6 months unless an extension is approved by the State Toxicologist. This timeframe applies to the 200-proof Ethanol only, not to simulator solutions which have a 1 year expiration.

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	<input checked="" type="checkbox"/>	<u>13049</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>13050</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>13051</u>
QAP 0.15	42.0	18	<input checked="" type="checkbox"/>	<u>13052</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

10/10/13  
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: Batch 13049 <sup>did not</sup> was not meet acceptable batch criteria and was discarded.

Katie Kiron  
Analyst Signature

10/10/13  
Date



Sequence Parameters:

Operator: Katie Knorr  
 Data File Naming: Prefix/Counter  
 Signal 1 Prefix: SIG1  
 Counter: 0001  
 Signal 2 Prefix: SIG2  
 Counter: 0001  
 Data Directory: C:\HPCHEM\2\DATA\  
 Data Subdirectory: 131010KK  
 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#E0713-01 - Exp 01/24/14  
 Cal 2 (0.158 g/100mL) - Lot#E0713-02 - Exp 01/24/14  
 Cal 3 (0.316 g/100mL) - Lot#E0713-03 - Exp 01/24/14  
  
 CTRL 1 (0.04 g/100mL) - Lot#A096181 - Exp 10/2017  
 CTRL 2 (0.10 g/100mL) - Lot#A095230 - Exp 09/2017  
 CTRL 3 (0.20 g/100mL) - Lot#A093219 - Exp 05/2017  
  
 n-Propanol ISTD - Lot# P0913 - Exp 12/10/13

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	Neg Control	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 Control	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 Control	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 Control	SIMALC3	1	Ctrl Samp		
9	Vial 9	Neg Control	SIMALC3	1	Ctrl Samp		
10	Vial 10	<del>13049-01</del> KK	SIMALC3	1	Sample		
11	Vial 11	<del>13049-02</del>	SIMALC3	1	Sample		
12	Vial 12	<del>13049-03</del> 10/10/13	SIMALC3	1	Sample		
13	Vial 13	<del>13049-04</del>	SIMALC3	1	Sample		
14	Vial 14	<del>13049-05</del>	SIMALC3	1	Sample		
15	Vial 15	0.10 Control	SIMALC3	1	Ctrl Samp		
16	Vial 16	Neg Control	SIMALC3	1	Ctrl Samp		
17	Vial 17	13050-01	SIMALC3	1	Sample		
18	Vial 18	13050-02	SIMALC3	1	Sample		
19	Vial 19	13050-03	SIMALC3	1	Sample		
20	Vial 20	13050-04	SIMALC3	1	Sample		
21	Vial 21	13050-05	SIMALC3	1	Sample		
22	Vial 22	0.10 Control	SIMALC3	1	Ctrl Samp		
23	Vial 23	Neg Control	SIMALC3	1	Ctrl Samp		
24	Vial 24	13051-01	SIMALC3	1	Sample		
25	Vial 25	13051-02	SIMALC3	1	Sample		
26	Vial 26	13051-03	SIMALC3	1	Sample		

KK

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	13051-04	SIMALC3	1	Sample		
28	Vial 28	13051-05	SIMALC3	1	Sample		
29	Vial 29	0.10 Control	SIMALC3	1	Ctrl Samp		
30	Vial 30	Neg Control	SIMALC3	1	Ctrl Samp		
31	Vial 31	13052-01	SIMALC3	1	Sample		
32	Vial 32	13052-02	SIMALC3	1	Sample		
33	Vial 33	13052-03	SIMALC3	1	Sample		
34	Vial 34	13052-04	SIMALC3	1	Sample		
35	Vial 35	13052-05	SIMALC3	1	Sample		
36	Vial 36	0.10 Control	SIMALC3	1	Ctrl Samp		
37	Vial 37	Neg Control	SIMALC3	1	Ctrl Samp		
38	Vial 38	13048-01	SIMALC3	1	Sample		
39	Vial 39	13048-02	SIMALC3	1	Sample		
40	Vial 40	13048-03	SIMALC3	1	Sample		
41	Vial 41	13048-04	SIMALC3	1	Sample		
42	Vial 42	13048-05	SIMALC3	1	Sample		
43	Vial 43	0.10 Control	SIMALC3	1	Ctrl Samp		
44	Vial 44	Neg Control	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

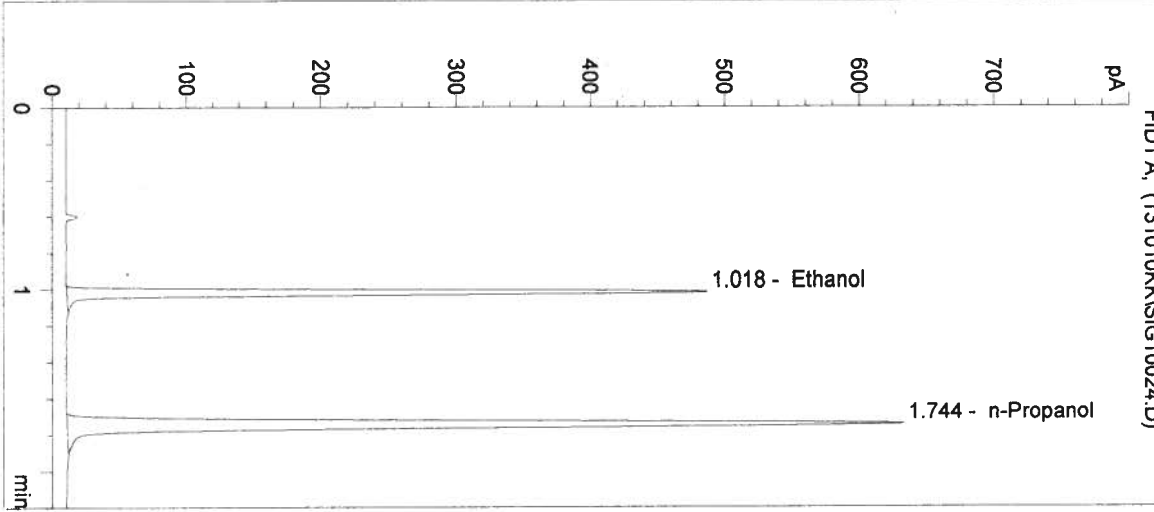
No entries - empty table!

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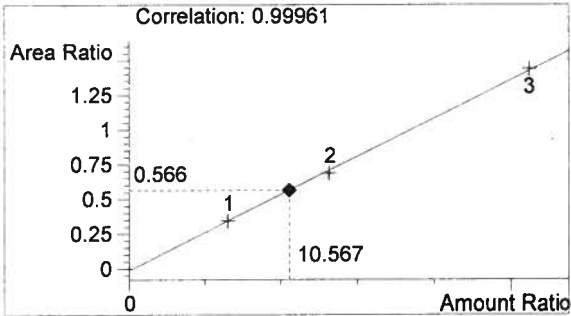
Inj. Date: 10/10/2013 1:19:40 PM  
 Instrument: HSGC#3  
 Column: DB-ALC2  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Name: 13051-01  
 Operator: Katie Knorr  
 Location: Vial 24

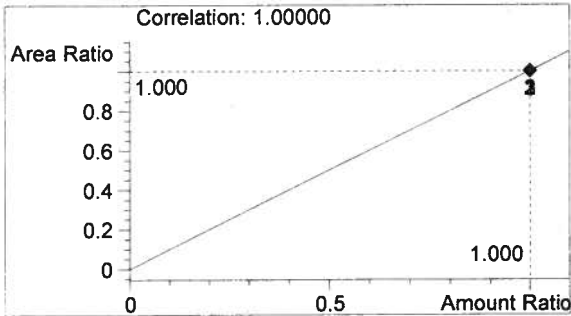
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	941	1.018
2	n-Propanol	1663	1.744



Ethanol 0.127 g/100mL

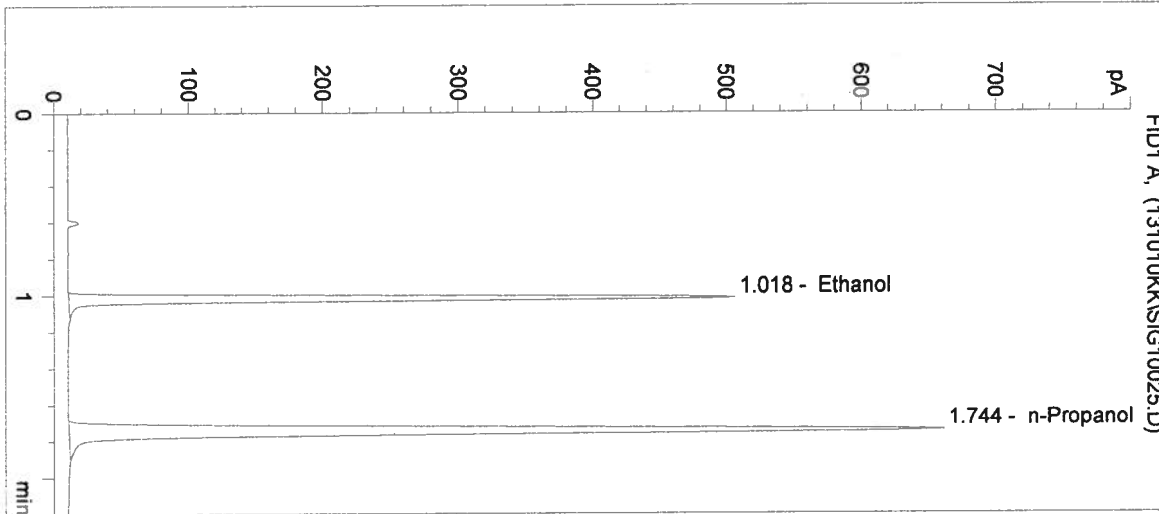


n-Propanol 0.012 g/100mL

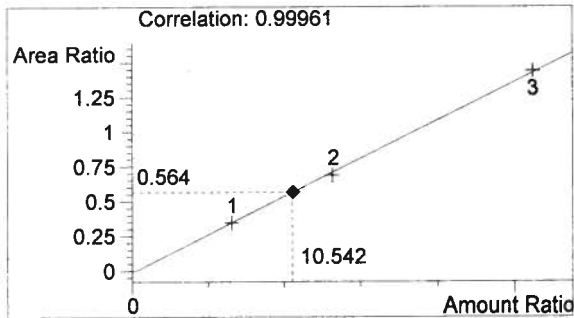
KK

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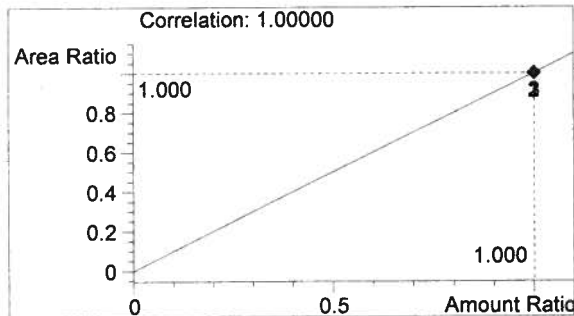
Inj. Date: 10/10/2013 1:22:48 PM      Sample Name: 13051-02  
 Instrument: HSGC#3      Operator: Katie Knorr  
 Column: DB-ALC2      Location: Vial 25  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	983	1.018
2	n-Propanol	1741	1.744



Ethanol      0.127 g/100mL

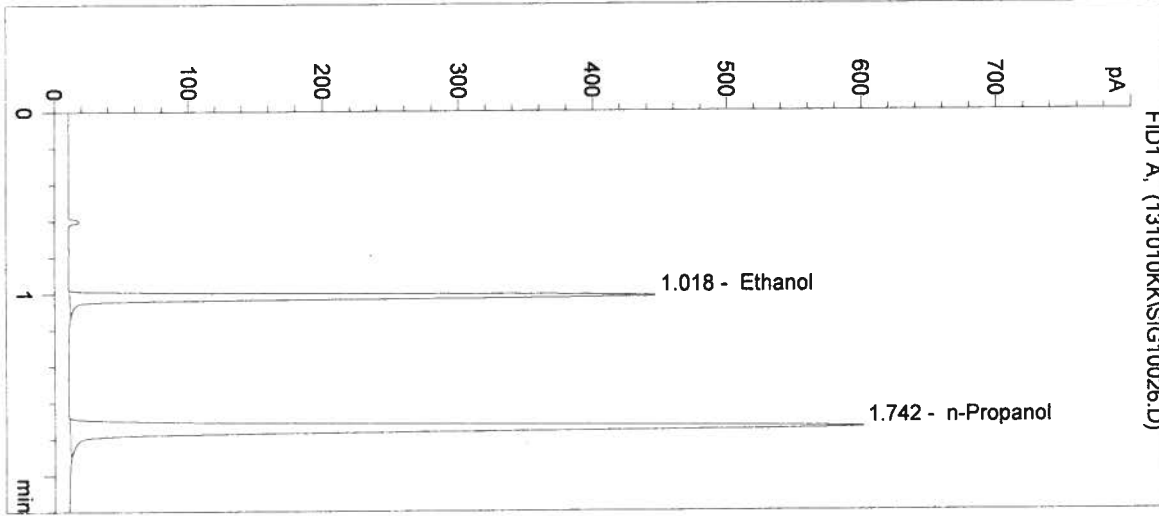


n-Propanol      0.012 g/100mL

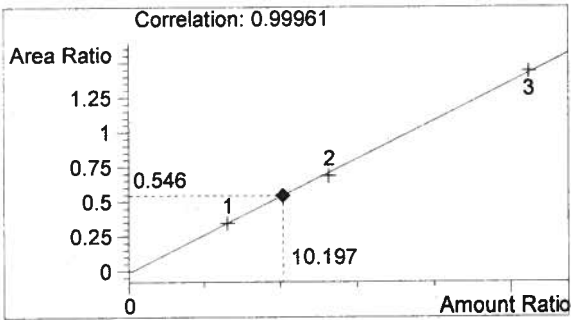
KK

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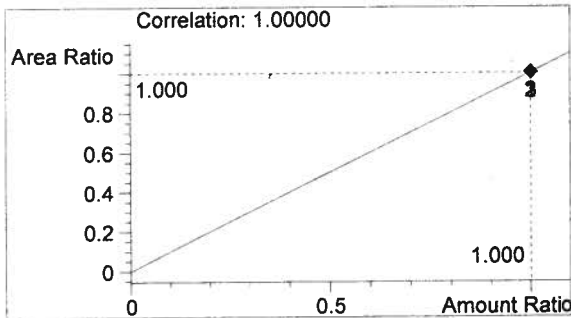
Inj. Date: 10/10/2013 1:25:55 PM      Sample Name: 13051-03  
 Instrument: HSGC#3      Operator: Katie Knorr  
 Column: DB-ALC2      Location: Vial 26  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	862	1.018
2	n-Propanol	1579	1.742



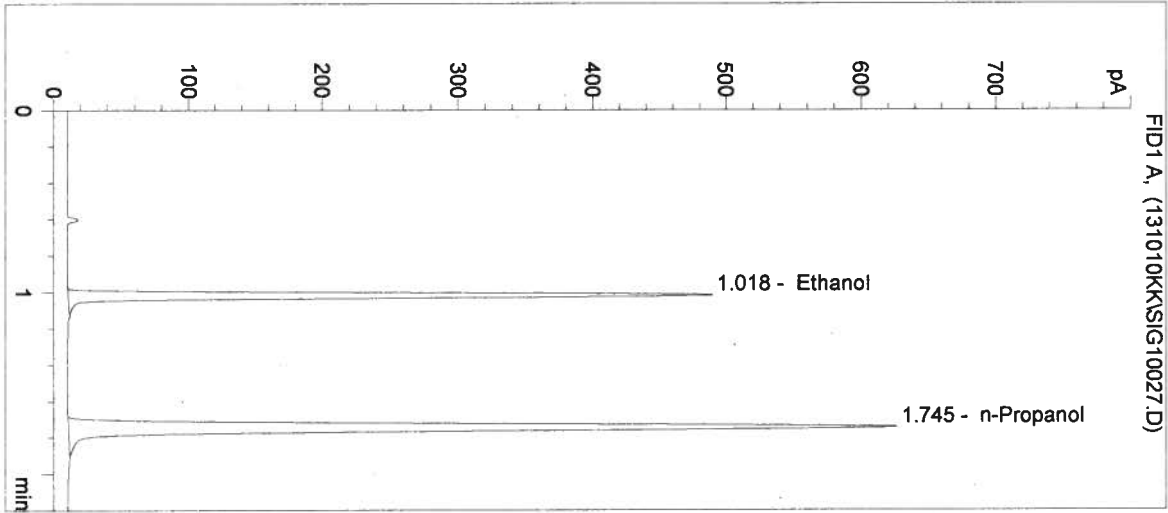
Ethanol      0.122 g/100mL



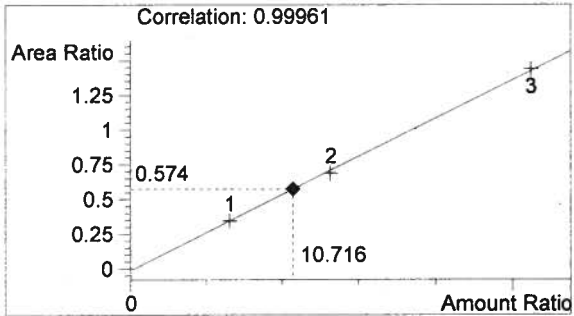
n-Propanol      0.012 g/100mL

KK

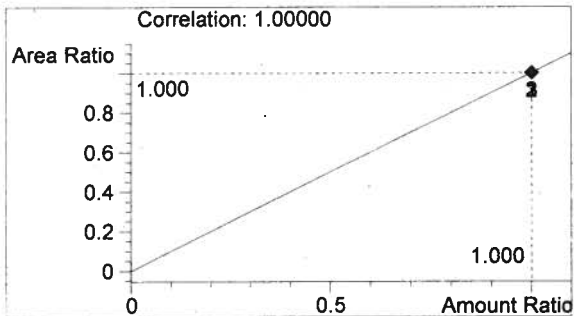
Inj. Date: 10/10/2013 1:29:03 PM      Sample Name: 13051-04  
 Instrument: HSGC#3      Operator: Katie Knorr  
 Column: DB-ALC2      Location: Vial 27  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	944	1.018
2	n-Propanol	1645	1.745



Ethanol      0.129 g/100mL

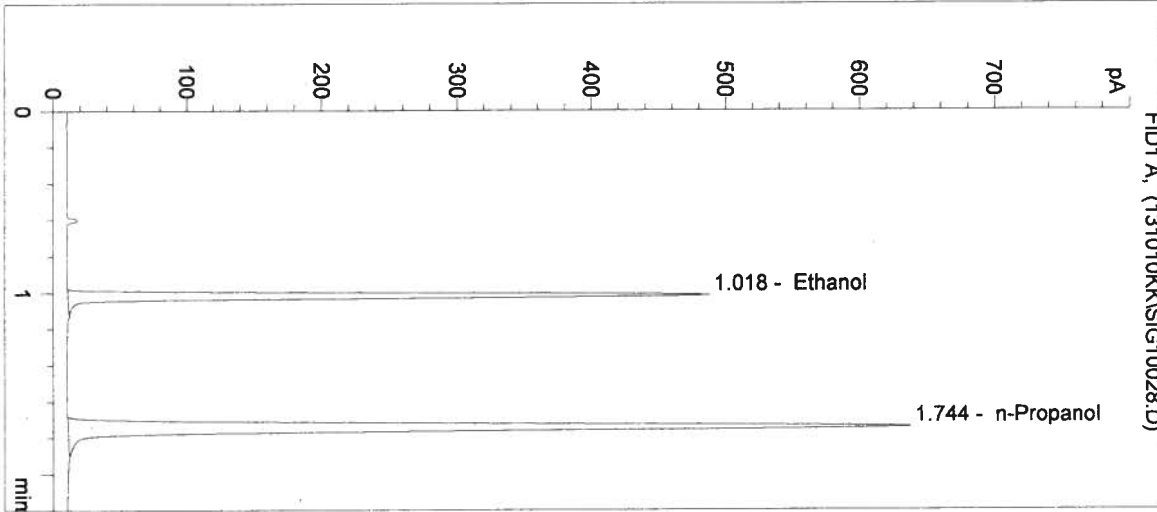


n-Propanol      0.012 g/100mL

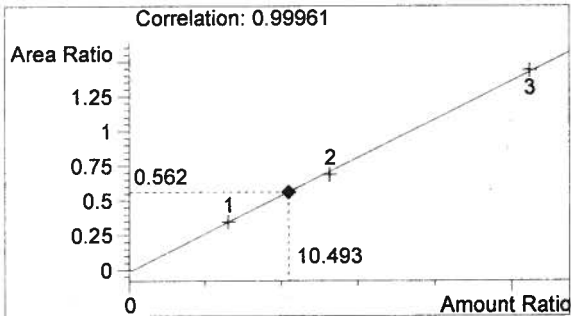
KK

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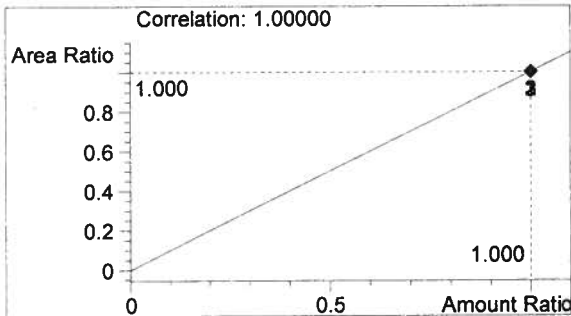
Inj. Date: 10/10/2013 1:32:10 PM      Sample Name: 13051-05  
 Instrument: HSGC#3      Operator: Katie Knorr  
 Column: DB-ALC2      Location: Vial 28  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	940	1.018
2	n-Propanol	1673	1.744



Ethanol      0.126 g/100mL

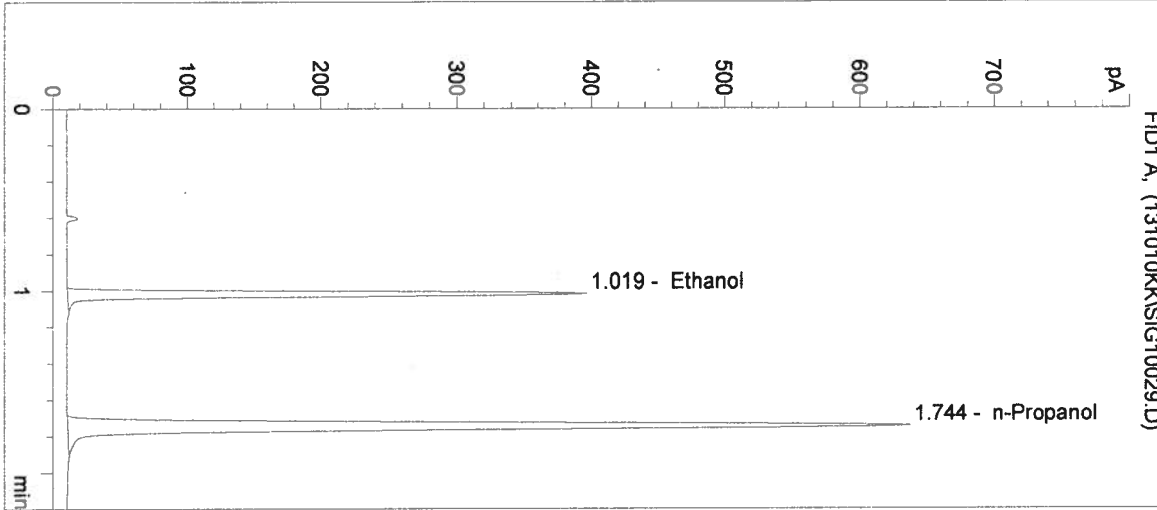


n-Propanol      0.012 g/100mL

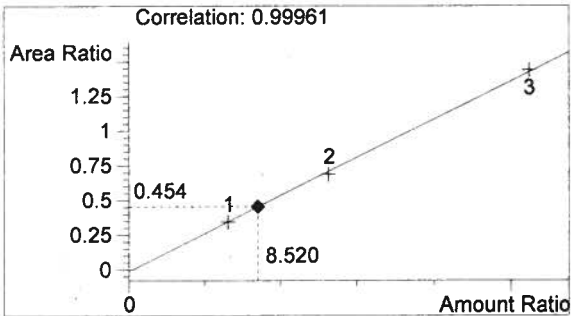
KK

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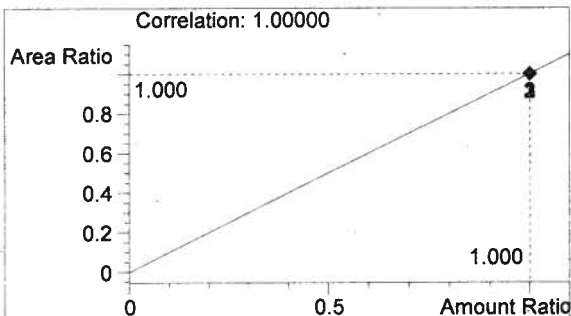
Inj. Date: 10/10/2013 1:35:18 PM      Sample Name: 0.10 Control  
 Instrument: HSGC#3      Operator: Katie Knorr  
 Column: DB-ALC2      Location: Vial 29  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	760	1.019
2	n-Propanol	1675	1.744



Ethanol      0.102 g/100mL



n-Propanol      0.012 g/100mL

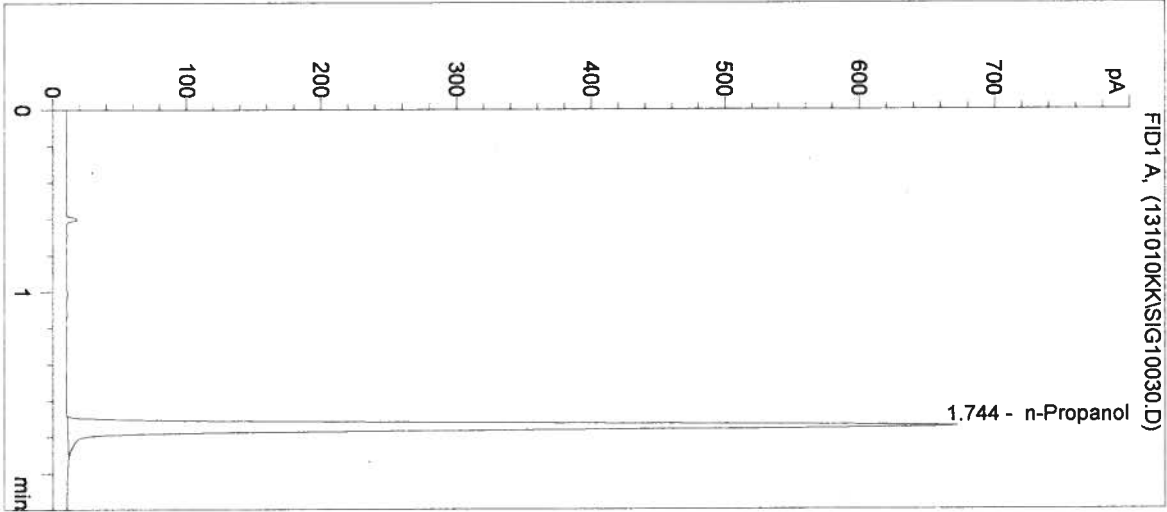
13051

KK

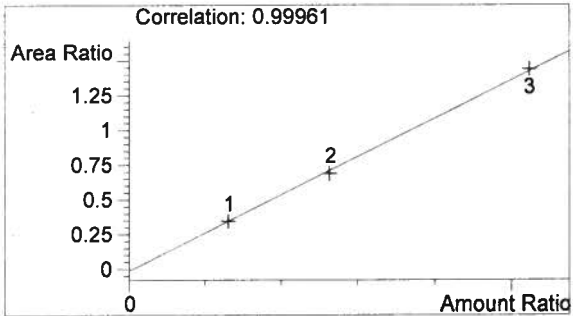


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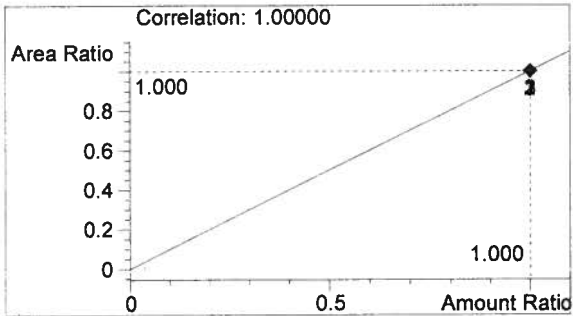
Inj. Date: 10/10/2013 1:38:26 PM      Sample Name: Neg Control  
 Instrument: HSGC#3      Operator: Katie Knorr  
 Column: DB-ALC2      Location: Vial 30  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1768	1.744



Ethanol      0.000 g/100mL



n-Propanol      0.012 g/100mL

13051

KK

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\2\DATA\  
 Data Subdirectory: 131011JU  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0713-01 - Exp. 01/24/2014  
 Ethanol Calibrator 2, E0713-02 - Exp. 01/24/2014  
 Ethanol Calibrator 3, E0713-03 - Exp. 01/24/2014  
 CTRL1 (0.04g/100mL), Lot # A096181 - Exp. 10/2017  
 CTRL2 (0.10g/100mL), Lot # A095230 - Exp. 09/2017  
 CTRL3 (0.20g/100mL), Lot # A093219 - Exp. 05/2017

Internal Standard Lot#P0913 - Exp. 12/10/13

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	CAL1 0.079	SIMALC3	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC3	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	CTRL1 (0.04)	SIMALC3	1	Ctrl Samp		
7	Vial 7	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
8	Vial 8	CTRL3 (0.20)	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	13048-1	SIMALC3	1	Sample		
11	Vial 11	13048-2	SIMALC3	1	Sample		
12	Vial 12	13048-3	SIMALC3	1	Sample		
13	Vial 13	13048-4	SIMALC3	1	Sample		
14	Vial 14	13048-5	SIMALC3	1	Sample		
15	Vial 15	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	13050-1	SIMALC3	1	Sample		
18	Vial 18	13050-2	SIMALC3	1	Sample		
19	Vial 19	13050-3	SIMALC3	1	Sample		
20	Vial 20	13050-4	SIMALC3	1	Sample		
21	Vial 21	13050-5	SIMALC3	1	Sample		
22	Vial 22	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	13051-1	SIMALC3	1	Sample		
25	Vial 25	13051-2	SIMALC3	1	Sample		
26	Vial 26	13051-3	SIMALC3	1	Sample		
27	Vial 27	13051-4	SIMALC3	1	Sample		

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
====	=====	=====	=====	===	=====	=====	=====
28	Vial 28	13051-5	SIMALC3	1	Sample		
29	Vial 29	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	13052-1	SIMALC3	1	Sample		
32	Vial 32	13052-2	SIMALC3	1	Sample		
33	Vial 33	13052-3	SIMALC3	1	Sample		
34	Vial 34	13052-4	SIMALC3	1	Sample		
35	Vial 35	13052-5	SIMALC3	1	Sample		
36	Vial 36	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

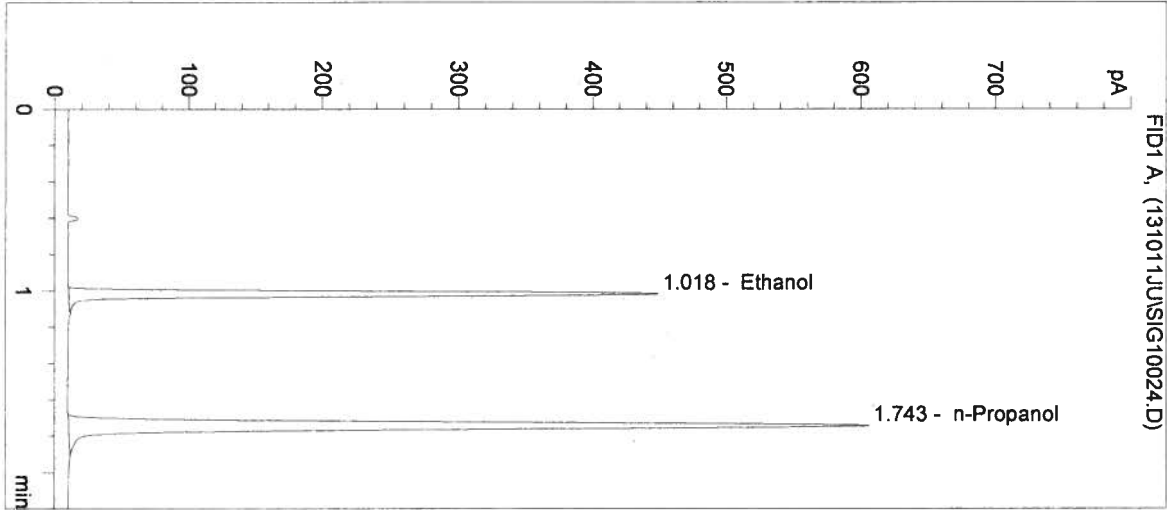
Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
====	=====	=====	=====	=====	=====	=====	=====
2	Vial 2	CAL1 0.079	SIMALC3	1	Replace	Replace	
3	Vial 3	CAL2 0.158	SIMALC3	2	Replace	Replace	
4	Vial 4	CAL3 0.316	SIMALC3	3	Replace	Replace	

Sequence Table (Back Injector):

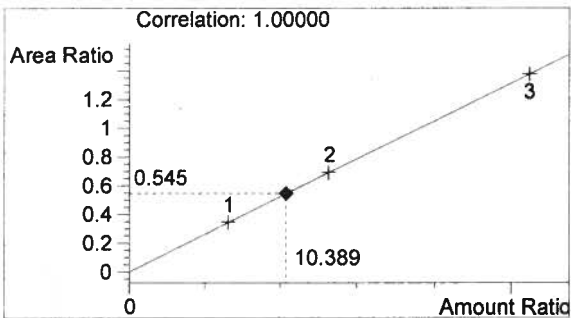
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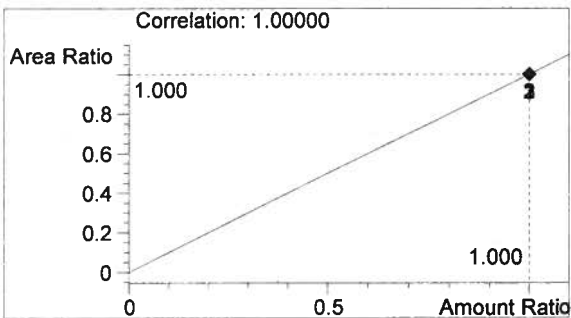
Inj. Date: 10/11/2013 6:13:20 PM      Sample Name: 13051-1  
Instrument: HSGC#3      Operator: Justin Knoy  
Column: DB-ALC2      Location: Vial 24  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	871	1.018
2	n-Propanol	1598	1.743



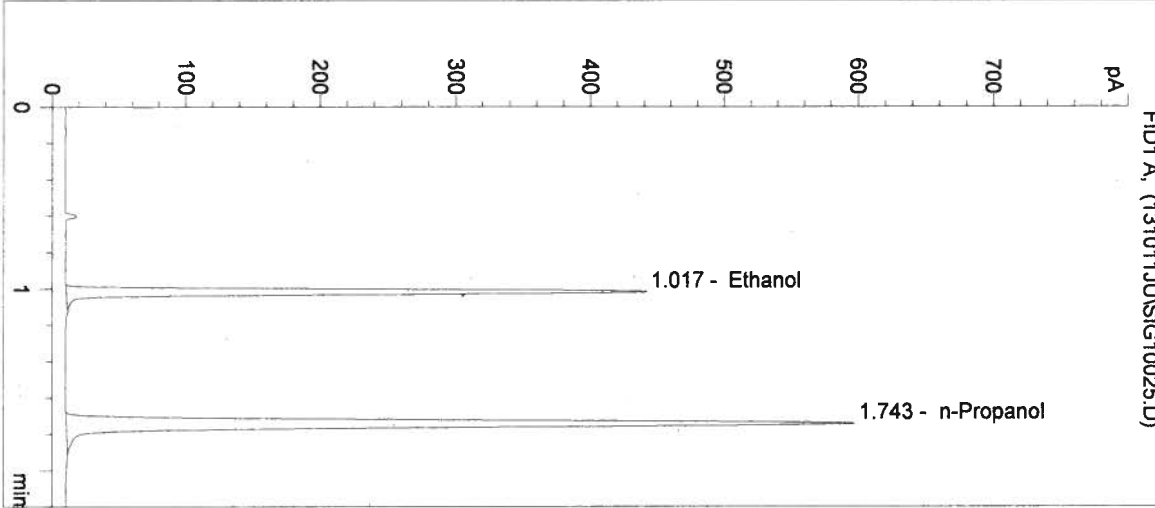
Ethanol      0.125 g/100mL



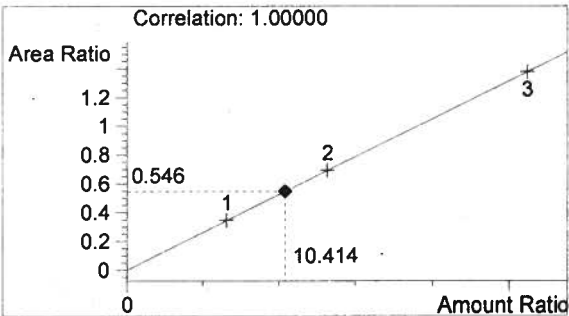
n-Propanol      0.012 g/100mL

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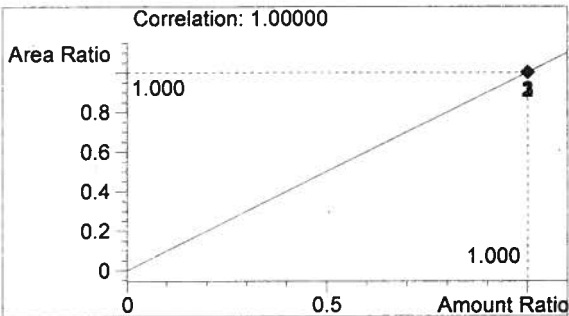
Inj. Date: 10/11/2013 6:16:27 PM      Sample Name: 13051-2  
Instrument: HSGC#3      Operator: Justin Knoy  
Column: DB-ALC2      Location: Vial 25  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	859	1.017
2	n-Propanol	1572	1.743



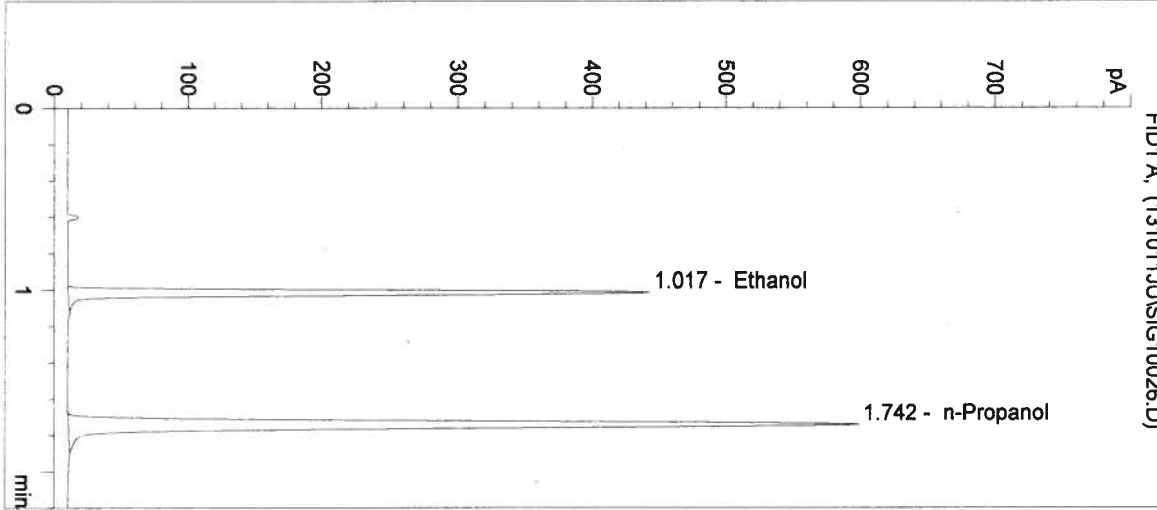
Ethanol      0.125 g/100mL



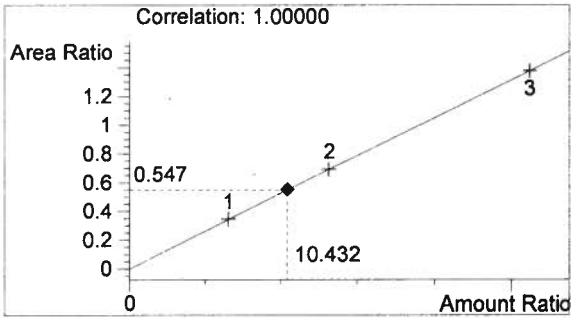
n-Propanol      0.012 g/100mL

*R*

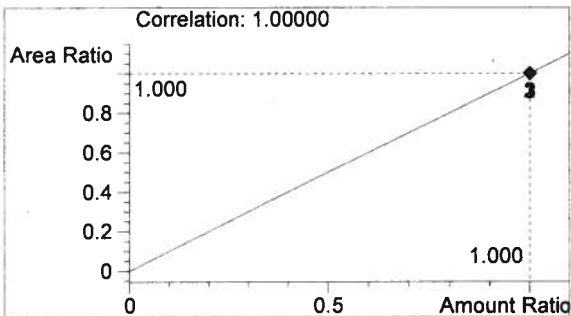
Inj. Date: 10/11/2013 6:19:35 PM      Sample Name: 13051-3  
 Instrument: HSGC#3      Operator: Justin Knoy  
 Column: DB-ALC2      Location: Vial 26  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	866	1.017
2	n-Propanol	1583	1.742



Ethanol      0.125 g/100mL

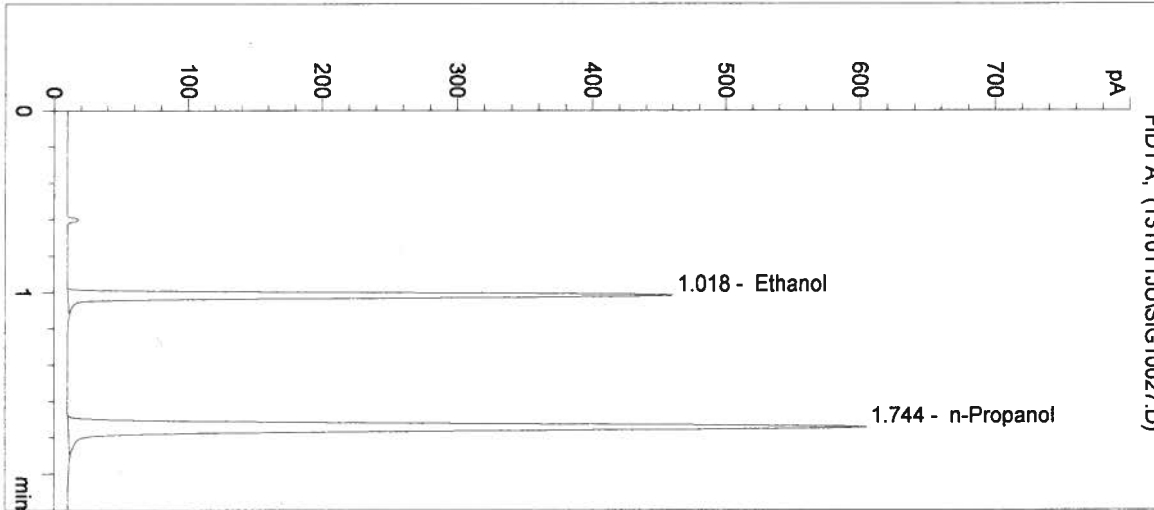


n-Propanol      0.012 g/100mL

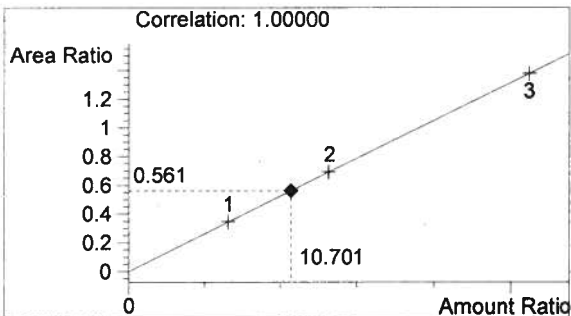
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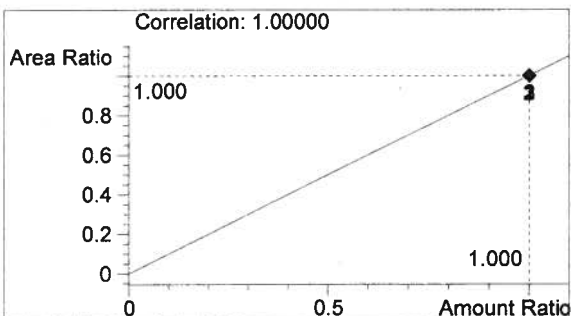
Inj. Date: 10/11/2013 6:22:42 PM      Sample Name: 13051-4  
 Instrument: HSGC#3      Operator: Justin Knoy  
 Column: DB-ALC2      Location: Vial 27  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	893	1.018
2	n-Propanol	1591	1.744



Ethanol      0.128 g/100mL

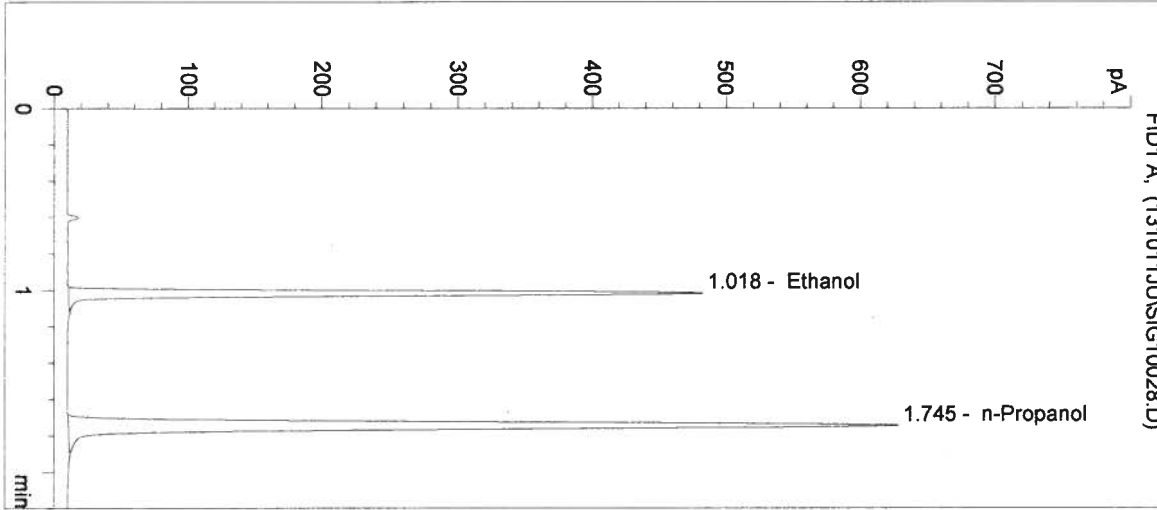


n-Propanol      0.012 g/100mL

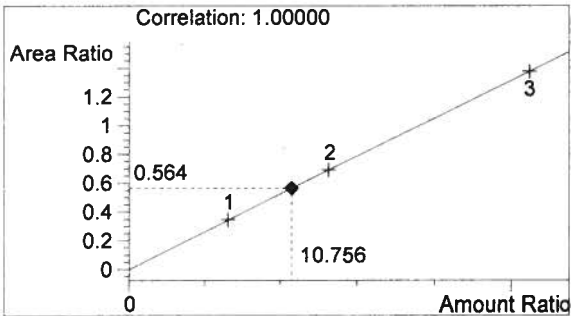
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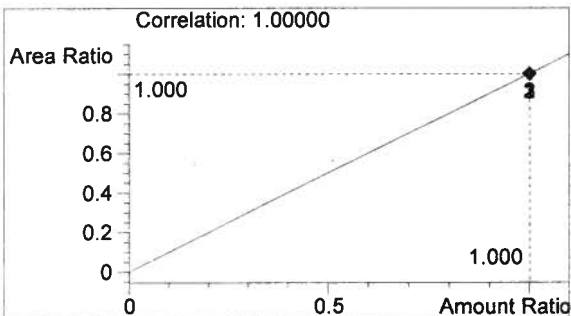
Inj. Date: 10/11/2013 6:25:50 PM      Sample Name: 13051-5  
Instrument: HSGC#3      Operator: Justin Knoy  
Column: DB-ALC2      Location: Vial 28  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	933	1.018
2	n-Propanol	1654	1.745



Ethanol      0.129 g/100mL

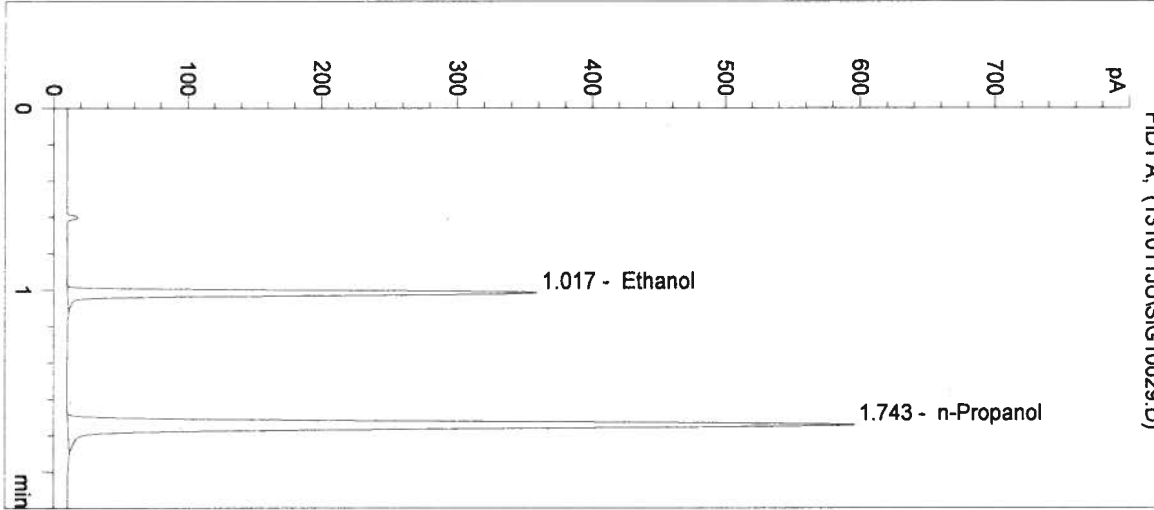


n-Propanol      0.012 g/100mL

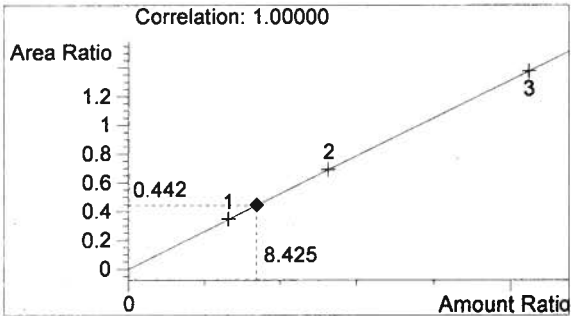


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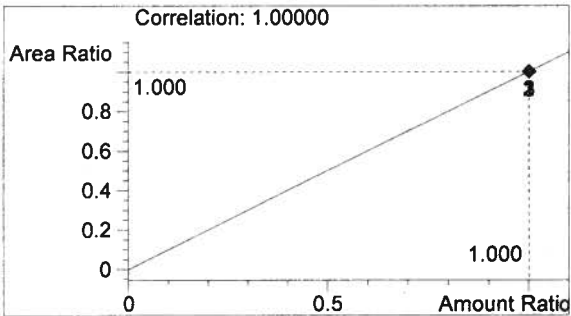
Inj. Date: 10/11/2013 6:28:58 PM      Sample Name: CTRL2 (0.10)  
Instrument: HSGC#3      Operator: Justin Knoy  
Column: DB-ALC2      Location: Vial 29  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info: 0.10g/100mL



#	Compound	Peak Area	RT (min)
1	Ethanol	695	1.017
2	n-Propanol	1572	1.743



Ethanol      0.101 g/100mL

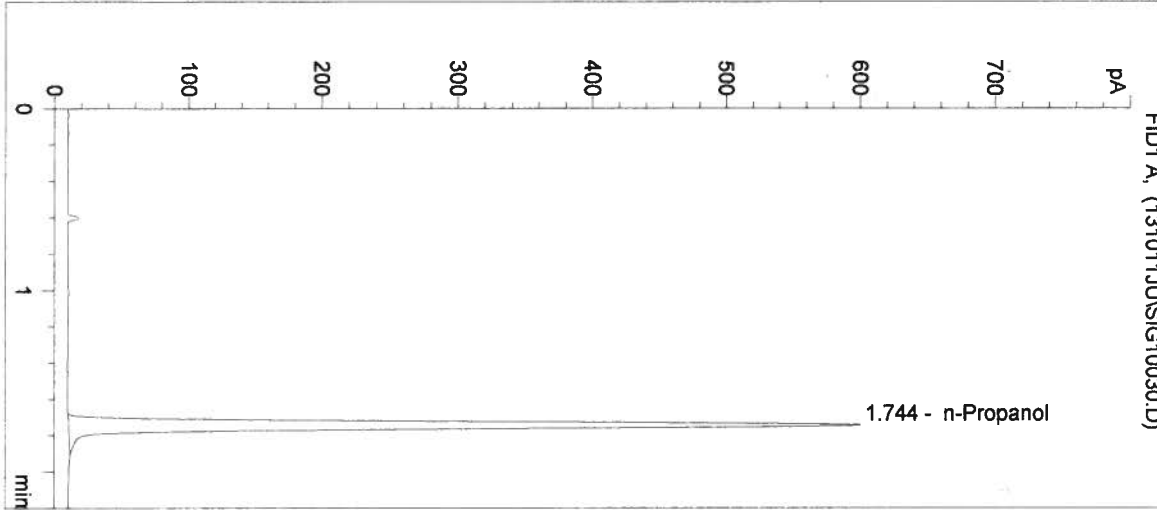


n-Propanol      0.012 g/100mL

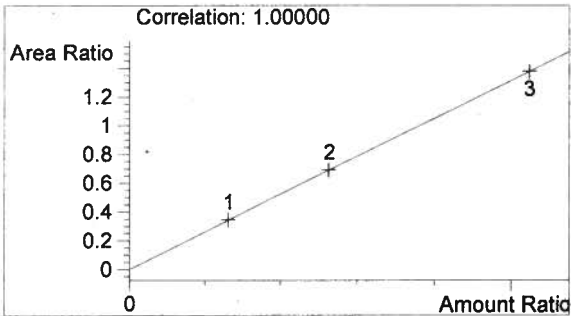
13051

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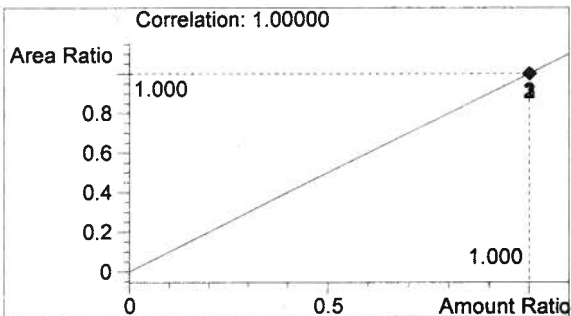
Inj. Date: 10/11/2013 6:32:05 PM      Sample Name: NEG CTRL  
Instrument: HSGC#3      Operator: Justin Knoy  
Column: DB-ALC2      Location: Vial 30  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1589	1.744



Ethanol      0.000 g/100mL



n-Propanol      0.012 g/100mL

13051

Sequence Parameters:

Operator: Amanda Chandler  
 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: 131014A1  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

0.079 Cal 1 E0713-01 Exp 01/24/2014  
 0.158 Cal 2 E0713-02 Exp 01/24/2014  
 0.316 Cal 3 E0713-03 Exp 01/24/2014  
  
 0.04 Control - A096181 Exp 10/2017  
 0.10 Control - A095230 exp 09/2017  
 0.20 Control - A093219 exp 05/2017  
  
 ISTD P0913 exp 12/10/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	Neg Control-AC	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 Control-AC	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 Control-AC	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 Control-AC	SIMALC3	1	Ctrl Samp		
9	Vial 9	Neg Control-AC	SIMALC3	1	Ctrl Samp		
10	Vial 10	QAP 13050 0.08 1	SIMALC3	1	Sample		
11	Vial 11	QAP 13050 0.08 2	SIMALC3	1	Sample		
12	Vial 12	QAP 13050 0.08 3	SIMALC3	1	Sample		
13	Vial 13	QAP 13050 0.08 4	SIMALC3	1	Sample		
14	Vial 14	QAP 13050 0.08 5	SIMALC3	1	Sample		
15	Vial 15	0.10 Control-AC	SIMALC3	1	Ctrl Samp		
16	Vial 16	Neg Control-AC	SIMALC3	1	Ctrl Samp		
17	Vial 17	QAP 13051 0.10 1	SIMALC3	1	Sample		
18	Vial 18	QAP 13051 0.10 2	SIMALC3	1	Sample		
19	Vial 19	QAP 13051 0.10 3	SIMALC3	1	Sample		
20	Vial 20	QAP 13051 0.10 4	SIMALC3	1	Sample		
21	Vial 21	QAP 13051 0.10 5	SIMALC3	1	Sample		
22	Vial 22	0.10 Control-AC	SIMALC3	1	Ctrl Samp		
23	Vial 23	Neg Control-AC	SIMALC3	1	Ctrl Samp		
24	Vial 24	QAP 13052 0.15 1	SIMALC3	1	Sample		
25	Vial 25	QAP 13052 0.15 2	SIMALC3	1	Sample		
26	Vial 26	QAP 13052 0.15 3	SIMALC3	1	Sample		

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	QAP 13052 0.15 4	SIMALC3	1	Sample		
28	Vial 28	QAP 13052 0.15 5	SIMALC3	1	Sample		
29	Vial 29	0.10 Control-AC	SIMALC3	1	Ctrl Samp		
30	Vial 30	Neg Control-AC	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!

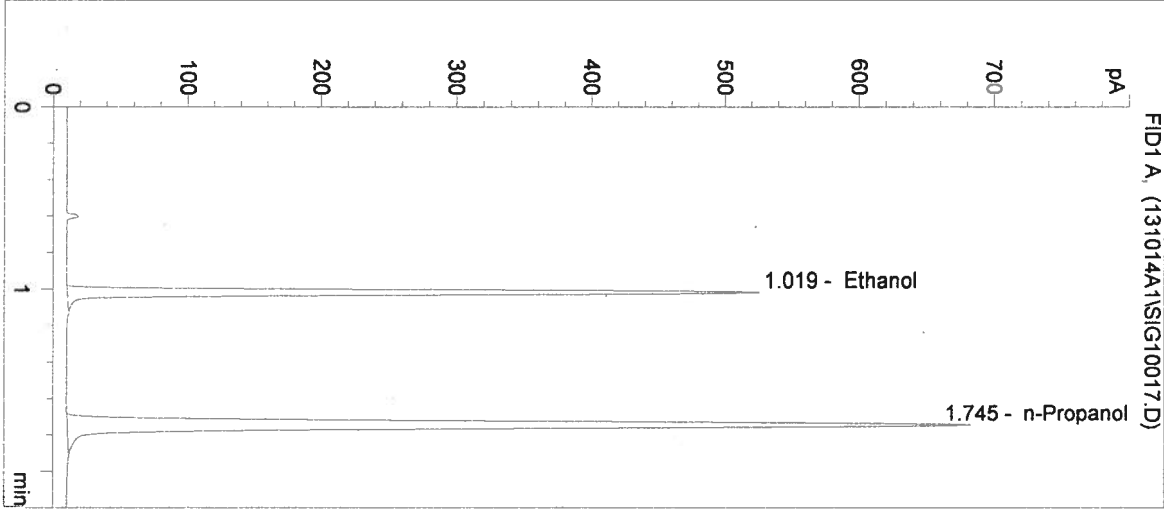
13050

13051

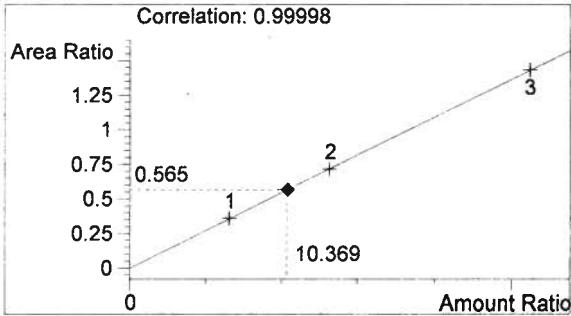
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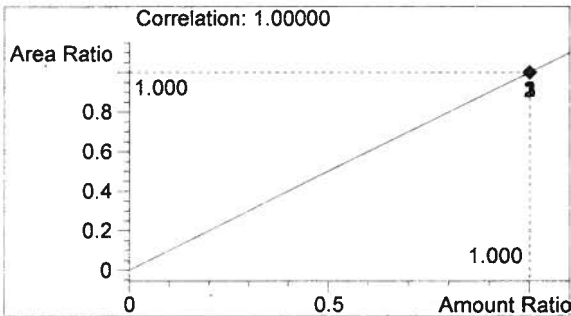
Inj. Date: 10/14/2013 3:10:50 PM      Sample Name: QAP 13051 0.10 1  
 Instrument: HSGC#3      Operator: Amanda Chandler  
 Column: DB-ALC2      Location: Vial 17  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1014	1.019
2	n-Propanol	1796	1.745



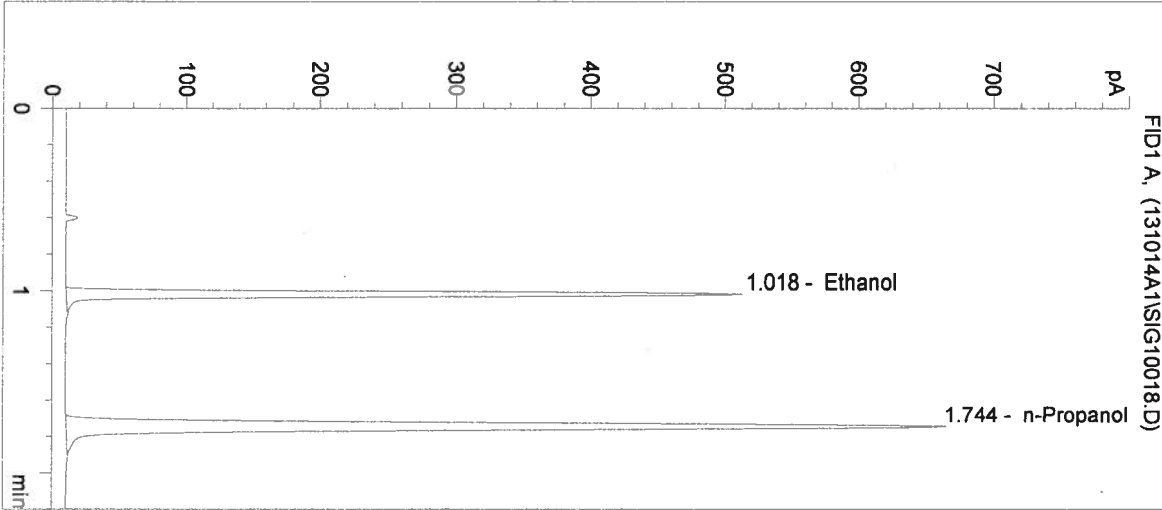
Ethanol      0.124 g/100mL



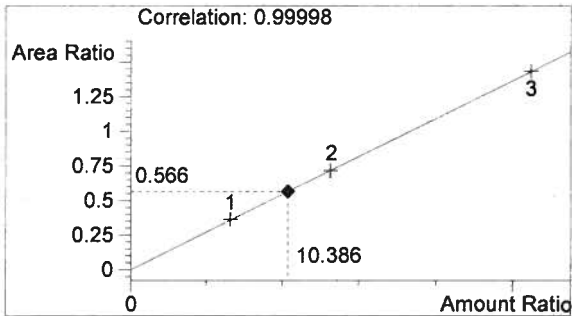
n-Propanol      0.012 g/100mL

*ae*

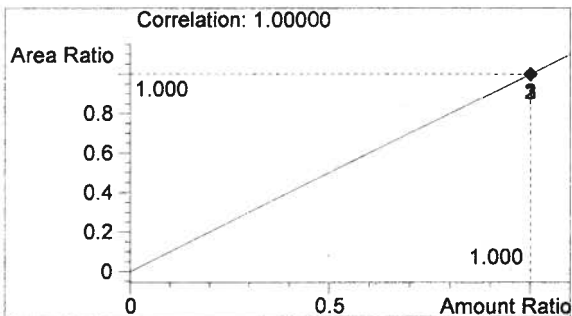
Inj. Date: 10/14/2013 3:13:58 PM      Sample Name: QAP 13051 0.10 2  
 Instrument: HSGC#3      Operator: Amanda Chandler  
 Column: DB-ALC2      Location: Vial 18  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	991	1.018
2	n-Propanol	1752	1.744



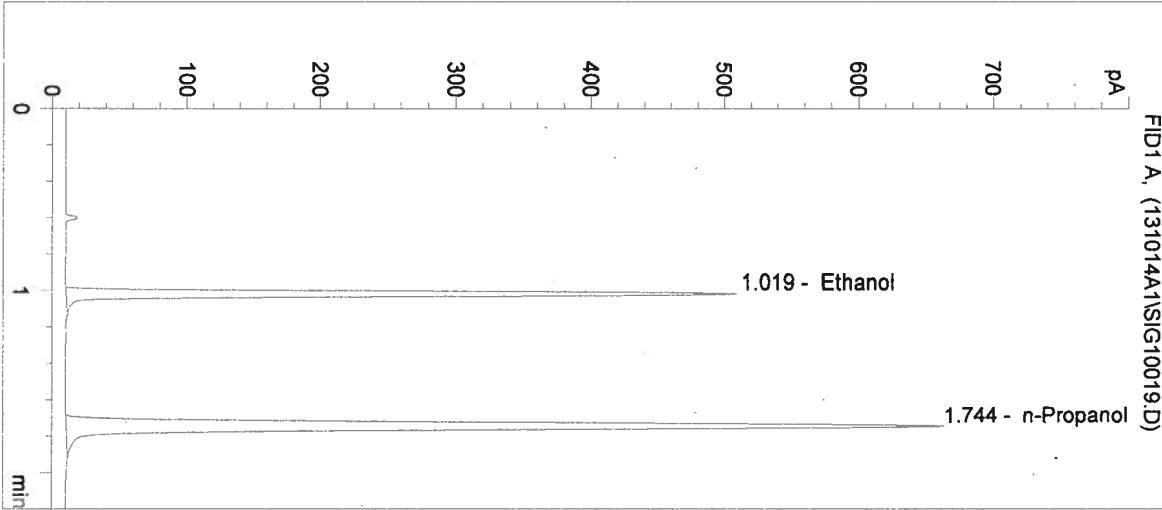
Ethanol      0.125 g/100mL



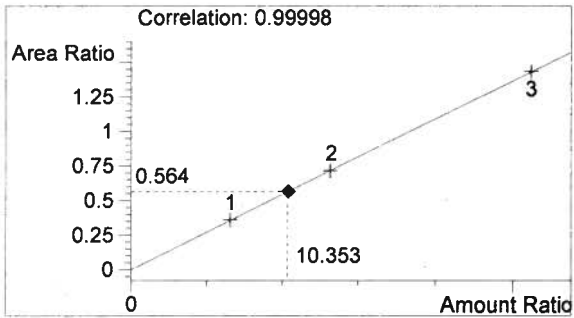
n-Propanol      0.012 g/100mL

*one*

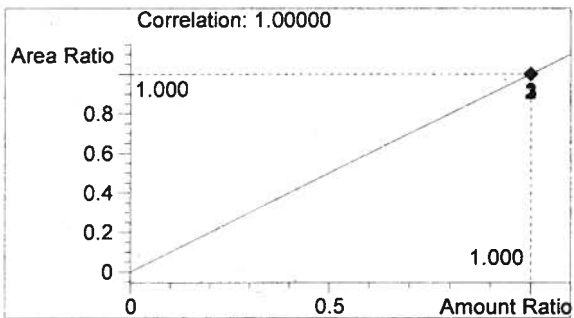
Inj. Date: 10/14/2013 3:17:05 PM      Sample Name: QAP 13051 0.10 3  
 Instrument: HSGC#3      Operator: Amanda Chandler  
 Column: DB-ALC2      Location: Vial 19  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	986	1.019
2	n-Propanol	1748	1.744



Ethanol      0.124 g/100mL

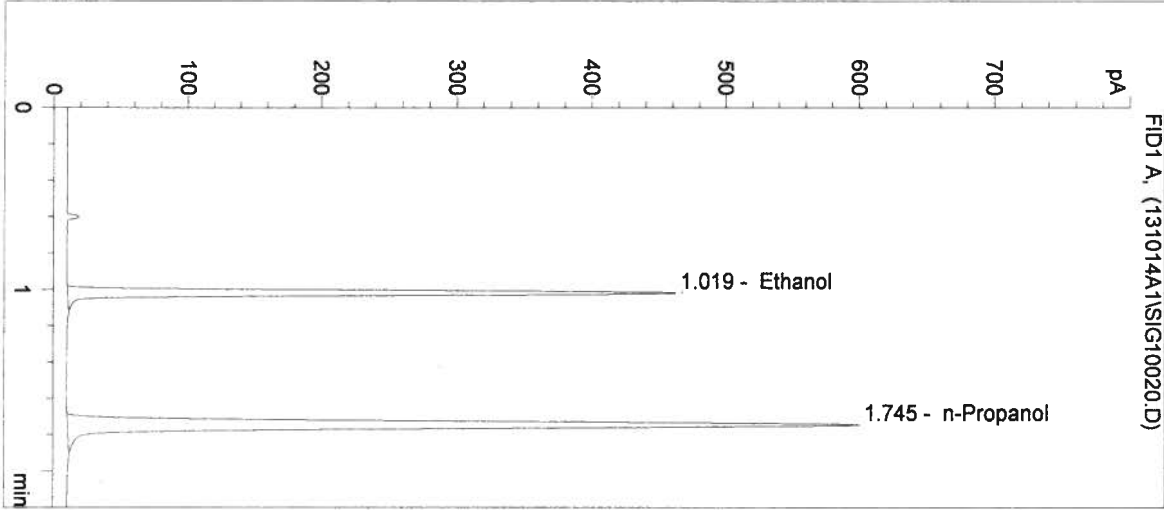


n-Propanol      0.012 g/100mL

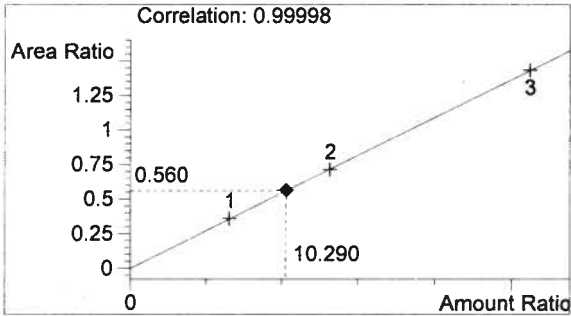
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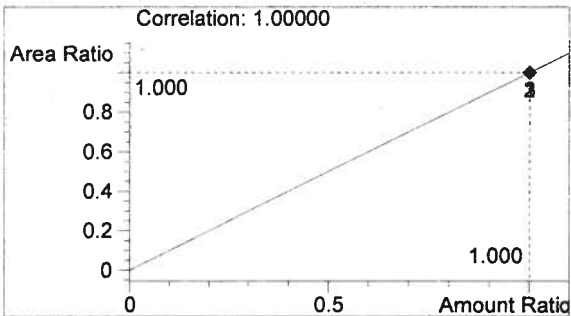
Inj. Date: 10/14/2013 3:20:13 PM      Sample Name: QAP 13051 0.10 4  
Instrument: HSGC#3      Operator: Amanda Chandler  
Column: DB-ALC2      Location: Vial 20  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	883	1.019
2	n-Propanol	1576	1.745



Ethanol      0.123 g/100mL

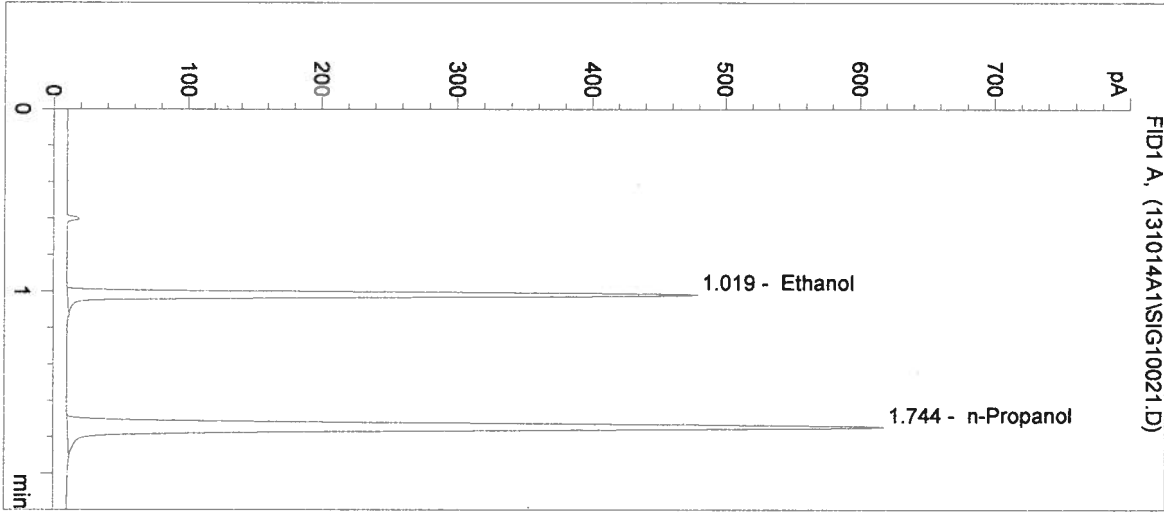


n-Propanol      0.012 g/100mL

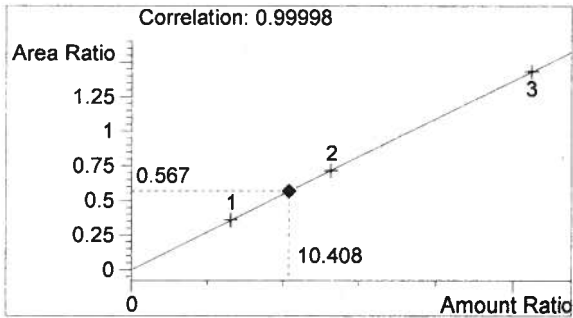
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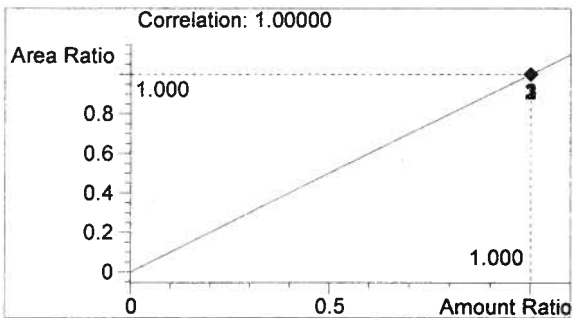
Inj. Date: 10/14/2013 3:23:20 PM      Sample Name: QAP 13051 0.10 5  
 Instrument: HSGC#3      Operator: Amanda Chandler  
 Column: DB-ALC2      Location: Vial 21  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	924	1.019
2	n-Propanol	1629	1.744



Ethanol      0.125 g/100mL

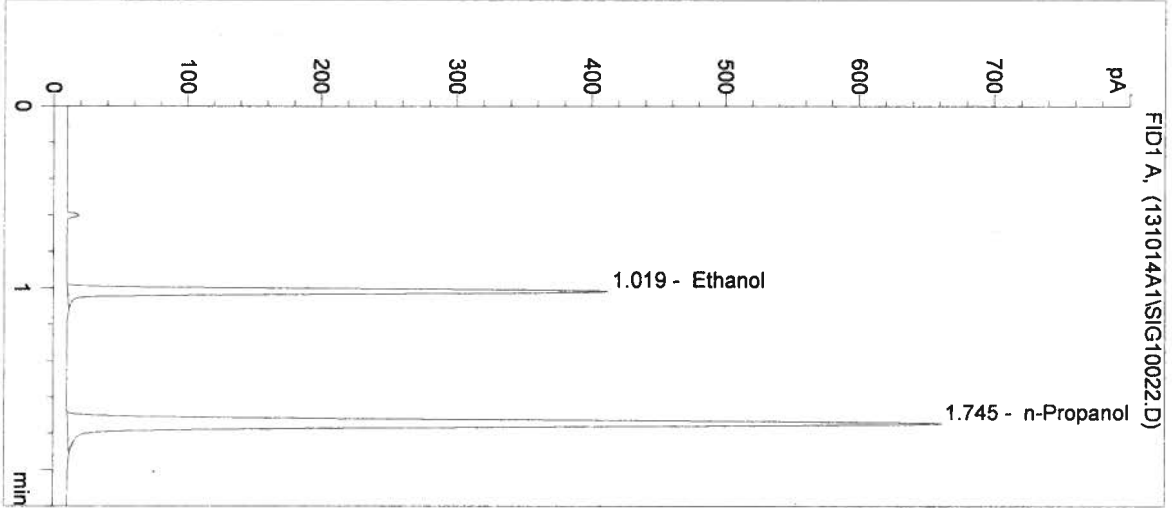


n-Propanol      0.012 g/100mL

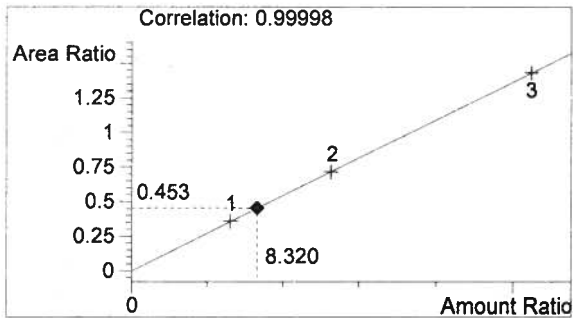
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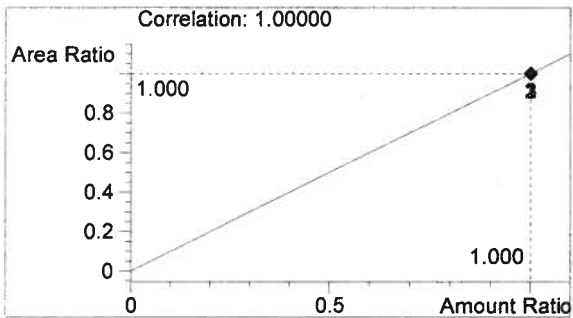
Inj. Date: 10/14/2013 3:26:28 PM      Sample Name: 0.10 Control-AC  
 Instrument: HSGC#3      Operator: Amanda Chandler  
 Column: DB-ALC2      Location: Vial 22  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	789	1.019
2	n-Propanol	1742	1.745



Ethanol      0.100 g/100mL



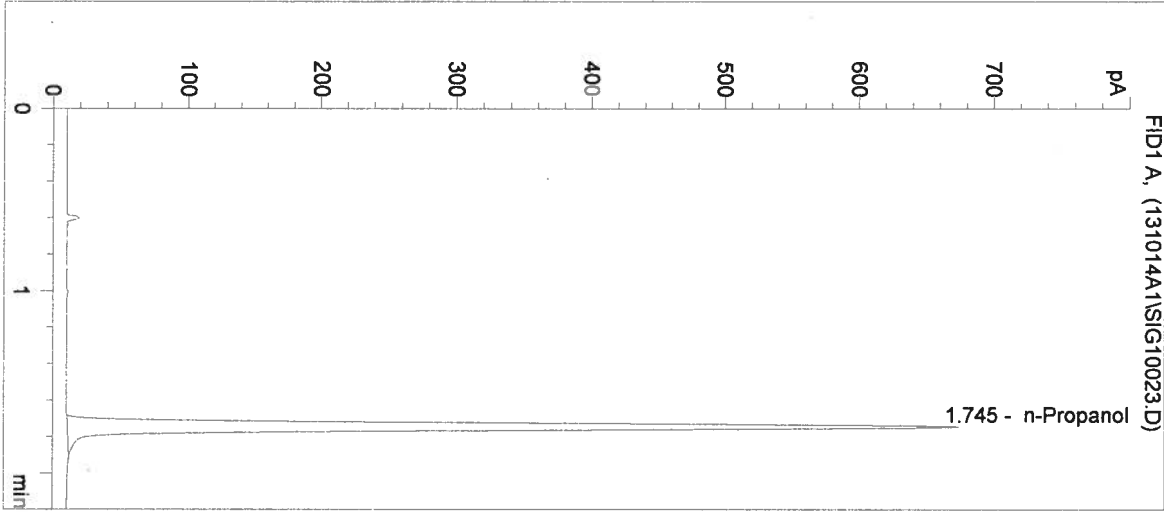
n-Propanol      0.012 g/100mL

13051

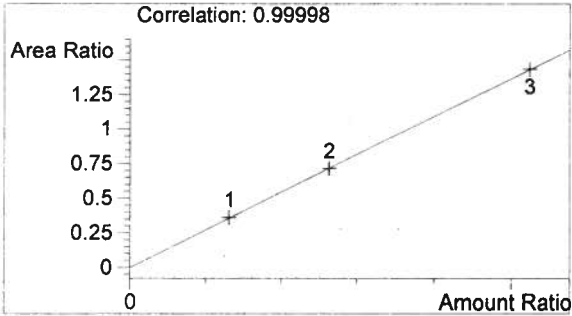
*Handwritten signature*

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 2203 Airport Way S Seattle, WA 98134

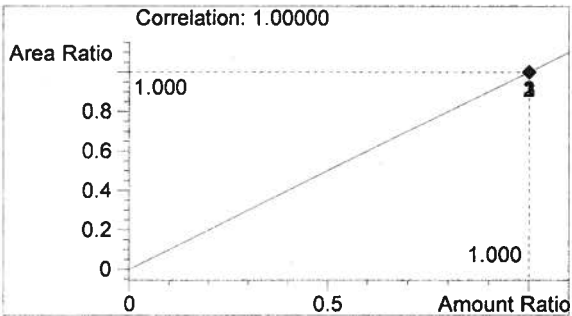
Inj. Date: 10/14/2013 3:29:35 PM      Sample Name: Neg Control-AC  
 Instrument: HSGC#3      Operator: Amanda Chandler  
 Column: DB-ALC2      Location: Vial 23  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1779	1.745



Ethanol      0.000 g/100mL



n-Propanol      0.012 g/100mL

13051

*ac*