WASHINGTON STATE PATROL - TOXICOLOGY LABORATORY DIVISION
2203 Airport Way S, Suite 360 SEATTLE, WA 98134

AN ASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/16/2005

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 13064

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

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

TESTING ITEM INFORMATION
TARGET VAPOR CONCENTRATION: 0.08 g/210L
DATE PREPARED: 12/16/2013
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Katie Knorr

	KK	JLK	CM	SMS	LL	CSJ	DCS	AJL
1	0.103	0.101	0.103	0.102	0.101	0.106	0.106	0.101
2	0.103	0.101	0.102	0.103	0.102	0.102	0.104	0.101
3	0.104	0.101	0.104	0.102	0.101	0.104	0.105	0.098
4	0.104	0.102	0.102	0.102	0.102	0.102	0.102	0.102
5	0.103	0.101	0.102	0.102	0.103	0.102	0.105	0.101
C	0.101	0.100	0.099	0.100	0.099	0.105	0.101	0.096

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1024 g/100mL
STANDARD DEVIATION: 0.00155
PRECISION CV (%): 1.51
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0833 g/210L**
EXPANDED UNCERTAINTY: ± 0.0052 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Lisa Noble — Forensic Scientist Supervisor — 1/8/14 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
KK	Katie Knorr	Katie Knorr	12/16/2013
JLK	Justin L. Knoy	Justin L. Knoy	12/20/2013
CM	Christie Mitchell-Mata	Christie Mitchell-Mata	12/20/2013
SMS	Sarah M. Swenson	[illegible]	12/20/2013
LL	Lyndsey Lowe	Lyndsey Lowe	12/20/2013
CSJ	Christopher S. Johnston	[illegible]	12/23/2013
DCS	Dawn C. Sklerov	Dawn C. Sklerov	12/23/2013
AJL	Asa J. Louis	[illegible]	12/27/2013

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.

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

External Standard Solution Batch #: 13064 **Date Prepared:** 12/16/2013

Analyst:	KK	JLK	CM	SMS	LL	CSJ	DCS	AJL
Date Tested:	12/16/2013	12/20/2013	12/20/2013	12/20/2013	12/20/2013	12/23/2013	12/23/2013	12/27/2013
Instrument:	HSGC#3	HSGC#3	HSGC#3	HSGC#3	HSGC#3	HSGC#3	HSGC#3	HSGC#3
1	0.103	0.101	0.103	0.102	0.101	0.106	0.106	0.101
2	0.103	0.101	0.102	0.103	0.102	0.102	0.104	0.101
3	0.104	0.101	0.104	0.102	0.101	0.104	0.105	0.098
4	0.104	0.102	0.102	0.102	0.102	0.102	0.102	0.102
5	0.103	0.101	0.102	0.102	0.103	0.102	0.105	0.101
C	0.101	0.100	0.099	0.100	0.099	0.105	0.101	0.096

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0002291978	0.0006394718	0.0001016326

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

Average Solution Concentration: 0.1024 g/100mL
Standard Deviation: 0.00155 g/100mL
Precision CV (%): 1.51
Equivalent Vapor Concentration: 0.0833 g/210L
Combined Standard Uncertainty (±): 0.0026 g/210L
Expanded Uncertainty (±): 0.0052 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Lisa Noble (Name) Lisa Noble (Signature) 1/2/14 (Date)

Calculations verified by: Amanda M. Black (Name) [signature] (Signature) 1-7-2014 (Date)

Method: Hand Calculation

Technical review of batch file performed by:

Lisa Noble (Name) Lisa Noble (Signature) 1/2/14 (Date)

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 1-7-2014

Location: WSP-FLSB Seattle, WA **Solution Batch Number:** 13064

	YES	NO	N/A
Analysis dates do not precede preparation date:	✓		
Declarations signed and properly dated:	✓		
Data entry corresponds to all chromatograms:	✓		
All signatures present on Test Report:	✓		
Average solution concentration correct:	✓		
Standard deviation correct:	✓		
CV (%) correct:	✓		
Equivalent vapor concentration correct:	✓		
All chromatograms and sequences included in file:	✓		
Ethanol control information present: (lot # present & used within expiration)	✓		
Complies with accuracy and precision requirements established by the State Toxicologist:	✓		

Comments:

Reviewer Signature: [signature] **Date:** 1-7-2014

Reviewer Signature: N/A QB 1-7-14 **Date:**

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		
Asa Louis	AL	20140103
Brittany Ball		
Christie Mitchell-Mata	CM	1/3/14
Christopher Johnston	CJ	1/3/14
Dawn Sklerov	DS	1.3.14
Justin Knoy	JK	1-2-14
Katie Knorr	KK	1/2/14
Lyndsey Lowe	LL	1.3.14
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson	SMS	1/3/14

Batch # 13064

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 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13064

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 external standard solution, Lot Number 13064, was prepared in the Washington State Toxicology Laboratory on 12/16/2013. 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 should not be used for evidential breath tests after 12/16/2014.

Seattle, WA

Katie Knorr 1/2/14

Katie Knorr Date

Forensic Toxicologist

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 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13064

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 external standard solution, Lot Number 13064, was prepared in the Washington State Toxicology Laboratory on 12/16/2013. 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 should not be used for evidential breath tests after 12/16/2014.

Seattle, WA

1-2-14

Justin L. Knoy — Date
Forensic Toxicologist

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 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13064

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

The external standard solution, Lot Number 13064, was prepared in the Washington State Toxicology Laboratory on 12/16/2013. 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 should not be used for evidential breath tests after 12/16/2014.

Seattle, WA

Christie Mitchell-Mata 1/3/2014

Christie Mitchell-Mata Date

Forensic Toxicologist

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 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13064

I, Sarah M. Swenson, 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 Chemistry and over nine years of experience in forensic toxicology.

The external standard solution, Lot Number 13064, was prepared in the Washington State Toxicology Laboratory on 12/16/2013. 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 should not be used for evidential breath tests after 12/16/2014.

Seattle, WA

1/3/14

Sarah M. Swenson — Date

Forensic Toxicologist

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 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13064

I, Lyndsey Lowe, 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 Chemistry.

The external standard solution, Lot Number 13064, was prepared in the Washington State Toxicology Laboratory on 12/16/2013. 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 should not be used for evidential breath tests after 12/16/2014.

Seattle, WA

1.3.14

Lyndsey Lowe — Date
Forensic Toxicologist

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 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13064

I, Christopher S. Johnston, 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 Biochemistry.

The external standard solution, Lot Number 13064, was prepared in the Washington State Toxicology Laboratory on 12/16/2013. 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 should not be used for evidential breath tests after 12/16/2014.

Seattle, WA

1.3.14

Christopher S. Johnston Date
Forensic Toxicologist

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 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13064

I, Dawn C. Sklerov, 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 Forensic Chemistry and over nine years of experience in the field of toxicology.

The external standard solution, Lot Number 13064, was prepared in the Washington State Toxicology Laboratory on 12/16/2013. 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 should not be used for evidential breath tests after 12/16/2014.

Seattle, WA

Dawn C. Sklerov 1-3-14

Dawn C. Sklerov Date

Forensic Toxicologist

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 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13064

I, Asa J. Louis, 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: B.S. degree in Biochemistry and over ten years of toxicology experience.

The external standard solution, Lot Number 13064, was prepared in the Washington State Toxicology Laboratory on 12/16/2013. 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 should not be used for evidential breath tests after 12/16/2014.

Seattle, WA

2014/01/03

Asa J. Louis — Date

Forensic Toxicologist

WSP-TLD **COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET**

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

Preparation Date: 12/16/13 Initials of Preparer: KK

Expiration Date: 12/16/14

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

Date the 200-proof Ethanol bottle was opened: 12/16/13

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	☐	
QAP 0.08	22.4	18	☐	
QAP 0.10	28.1	18	☐	
QAP 0.15	42.0	18	☐	
ESS	66.5	52	☑	13064

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 12/16/13 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:

Katie Kerr
Analyst Signature

12/16/13
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:	131216KK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E1213-01 - Exp. 06/03/2014
Ethanol Calibrator 2, E1213-02 - Exp. 06/03/2014
Ethanol Calibrator 3, E1213-03 - Exp. 06/03/2014
CTRL1 (0.04g/100mL), Lot # FN120110-04 - Exp. 12/2015
CTRL2 (0.10g/100mL), Lot # A095230 - Exp. 09/2017
CTRL3 (0.20g/100mL), Lot # FN100511-01 - Exp. 10/2016
Internal Standard Lot#P1113 - Exp. 02/14/2014

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	13064-1	SIMALC3	1	Sample		
11	Vial 11	13064-2	SIMALC3	1	Sample		
12	Vial 12	13064-3	SIMALC3	1	Sample		
13	Vial 13	13064-4	SIMALC3	1	Sample		
14	Vial 14	13064-5	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	13060-1	SIMALC3	1	Sample		
18	Vial 18	13060-2	SIMALC3	1	Sample		
19	Vial 19	13060-3	SIMALC3	1	Sample		
20	Vial 20	13060-4	SIMALC3	1	Sample		
21	Vial 21	13060-5	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	13061-1	SIMALC3	1	Sample		
25	Vial 25	13061-2	SIMALC3	1	Sample		
26	Vial 26	13061-3	SIMALC3	1	Sample		
27	Vial 27	13061-4	SIMALC3	1	Sample		
28	Vial 28	13061-5	SIMALC3	1	Sample		

13064

KK

Sequence: C:\HPCHEM\2\SEQUENCE\KKESSQAP.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
29	Vial 29	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	13062-1	SIMALC3	1	Sample		
32	Vial 32	13062-2	SIMALC3	1	Sample		
33	Vial 33	13062-3	SIMALC3	1	Sample		
34	Vial 34	13062-4	SIMALC3	1	Sample		
35	Vial 35	13062-5	SIMALC3	1	Sample		
36	Vial 36	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		
38	Vial 38	13063-1	SIMALC3	1	Sample		
39	Vial 39	13063-2	SIMALC3	1	Sample		
40	Vial 40	13063-3	SIMALC3	1	Sample		
41	Vial 41	13063-4	SIMALC3	1	Sample		
42	Vial 42	13063-5	SIMALC3	1	Sample		
43	Vial 43	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
44	Vial 44	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	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):

No entries - empty table!

13064

KK
131216KK

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

Calibration Table

Calib. Data Modified : Monday, December 16, 2013 12:32:47 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.019	1	1	8.00300e-2	619.51459	1.29182e-4	1		Ethanol
		2	1.58560e-1	1112.00854	1.42589e-4			
		3	3.21220e-1	2490.11060	1.28998e-4			
1.744	1	1	1.20000e-2	1693.92102	7.08416e-6	I1		n-Propanol
		2	1.20000e-2	1551.17957	7.73605e-6			
		3	1.20000e-2	1734.80408	6.91721e-6			

13064

Peak Sum Table

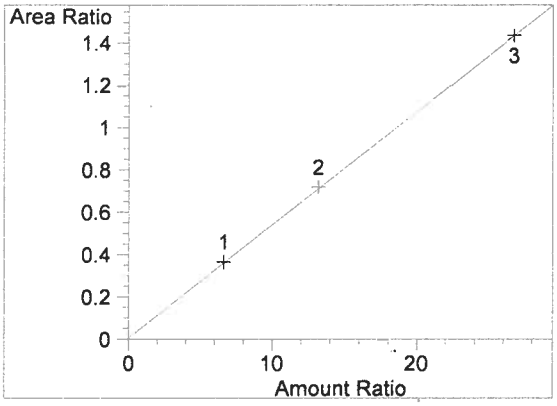
No Entries in table

KK
131216KK

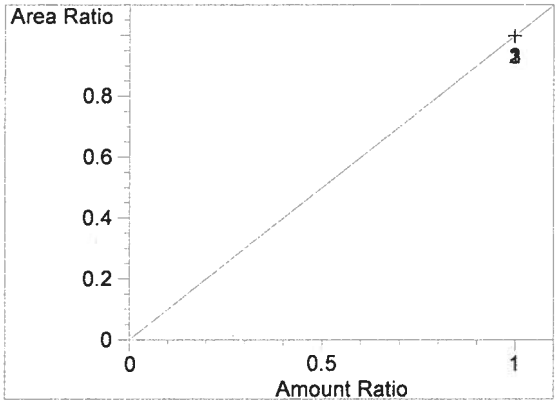
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.019
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00574
Formula: y = mx + b
m: 5.35521e-2
b: 4.93551e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.744
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

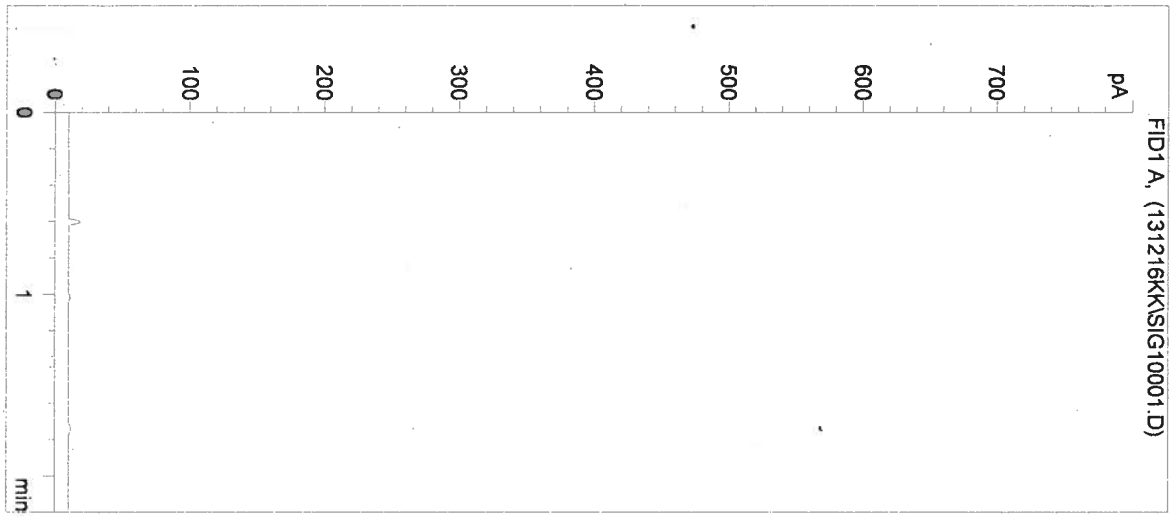
13064

KK
131216KK

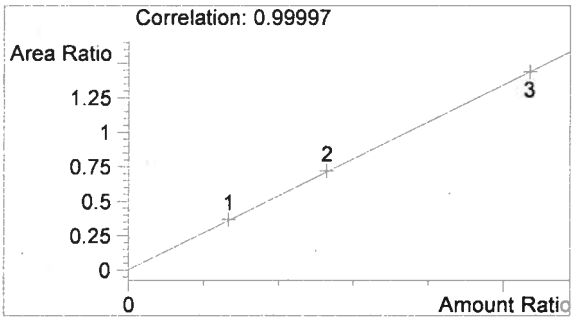
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/16/2013 12:21:13 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: BLANK
Operator: Katie Knorr
Location: Vial 1

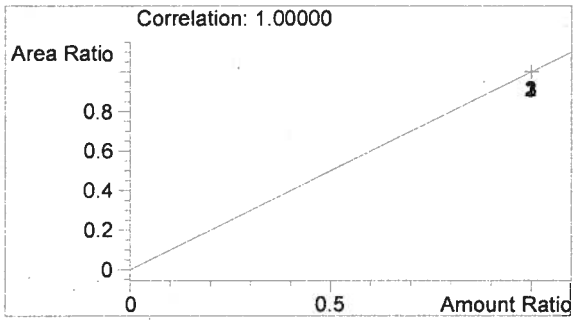


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

13064



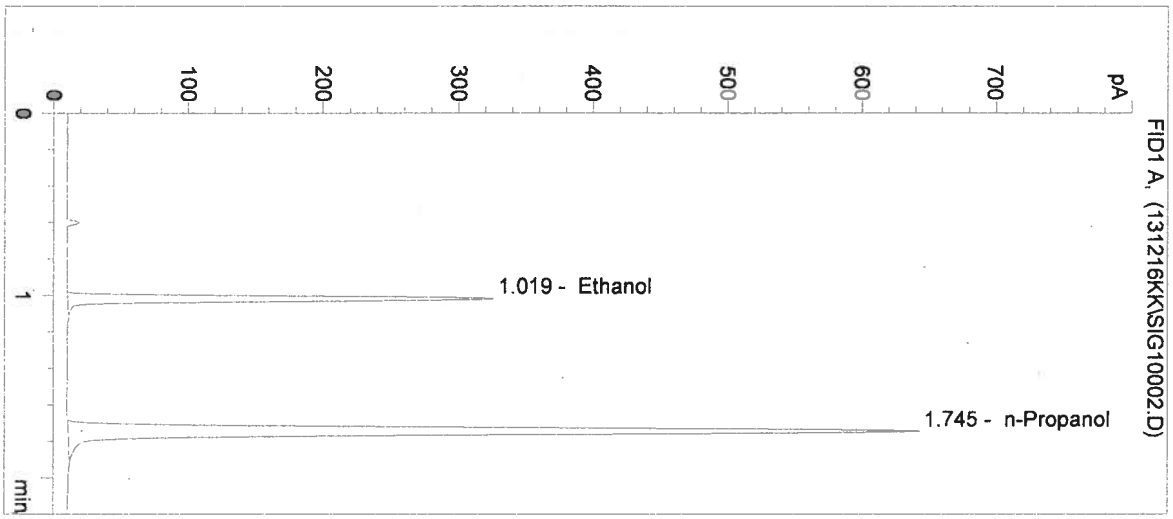
n-Propanol 0.000 g/100mL

KK

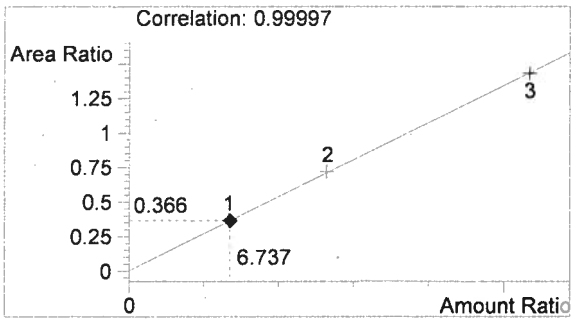
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/16/2013 12:24:20 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E1213-01 - (0.079g/100mL)

Sample Name: CAL1 0.079
Operator: Katie Knorr
Location: Vial 2

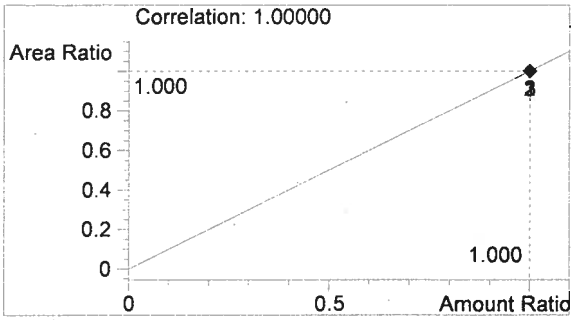


#	Compound	Peak Area	RT (min)
1	Ethanol	620	1.019
2	n-Propanol	1694	1.745



Ethanol 0.081 g/100mL

13064



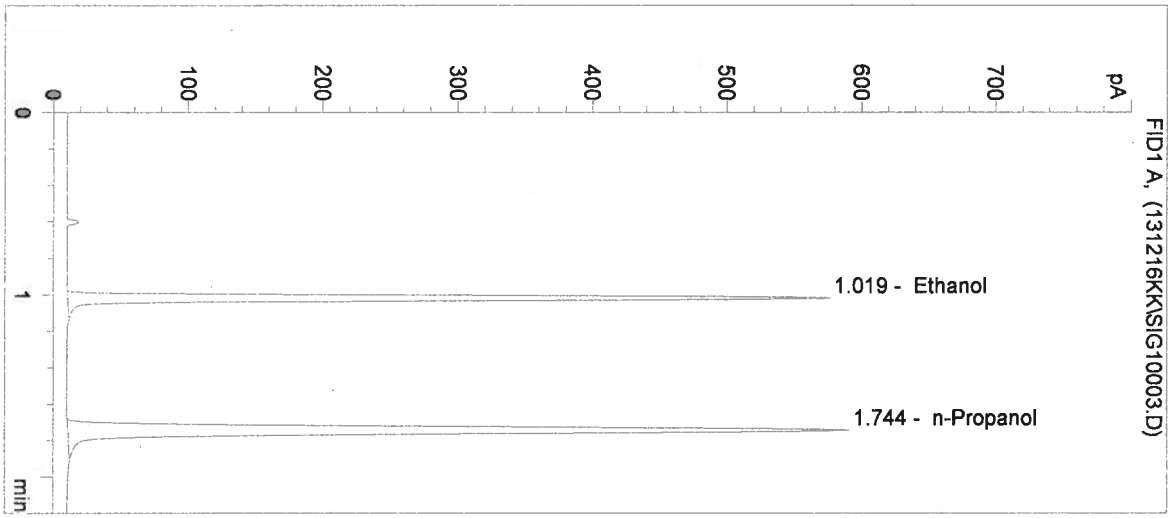
n-Propanol 0.012 g/100mL

KK

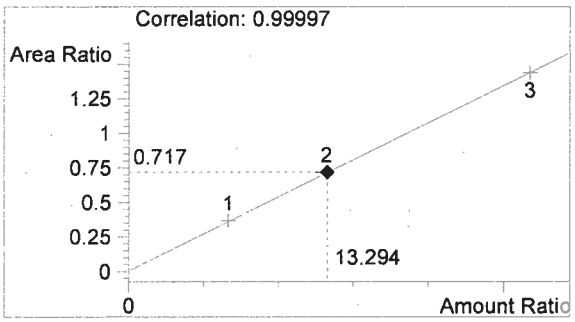
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/16/2013 12:27:28 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E1213-02 - (0.158g/100mL)

Sample Name: CAL2 0.158
Operator: Katie Knorr
Location: Vial 3

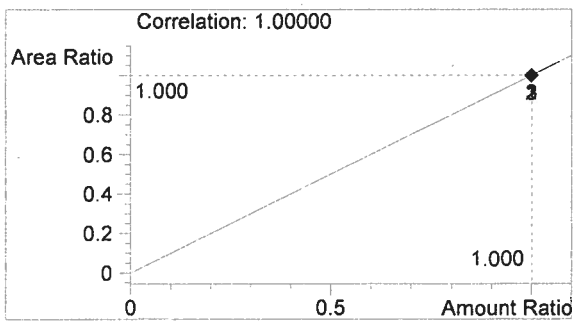


#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.019
2	n-Propanol	1551	1.744



Ethanol 0.160 g/100mL

13064

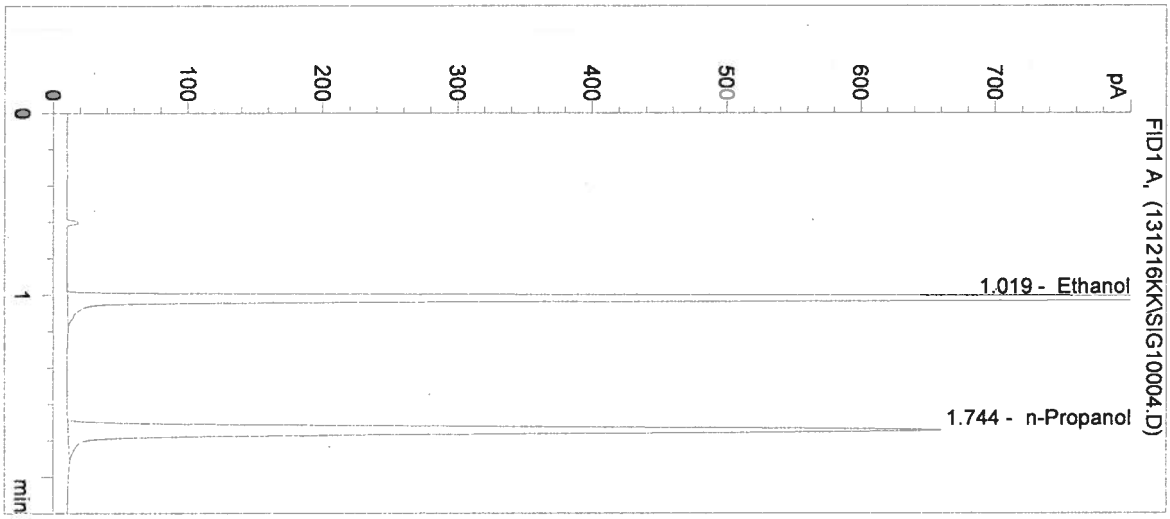


n-Propanol 0.012 g/100mL

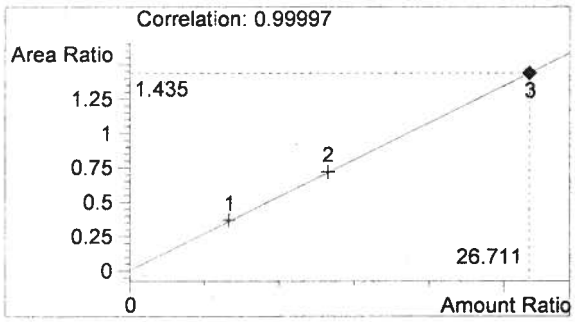
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/16/2013 12:30:35 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E1213-03 - (0.316g/100mL)

Sample Name: CAL3 0.316
Operator: Katie Knorr
Location: Vial 4

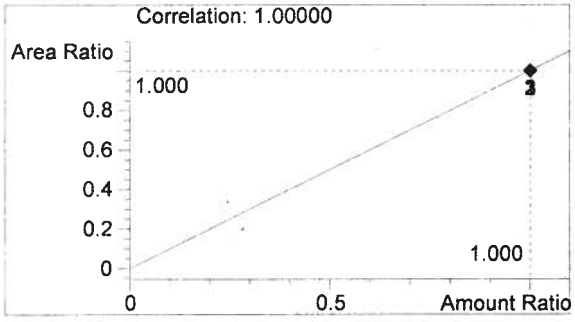


#	Compound	Peak Area	RT (min)
1	Ethanol	2490	1.019
2	n-Propanol	1735	1.744



Ethanol 0.321 g/100mL

13064



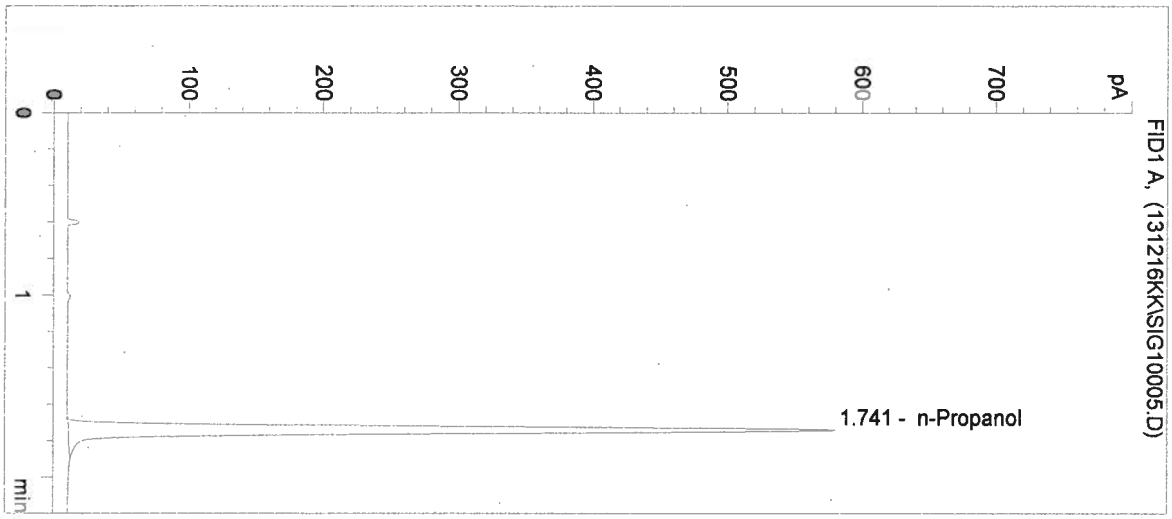
n-Propanol 0.012 g/100mL

KK

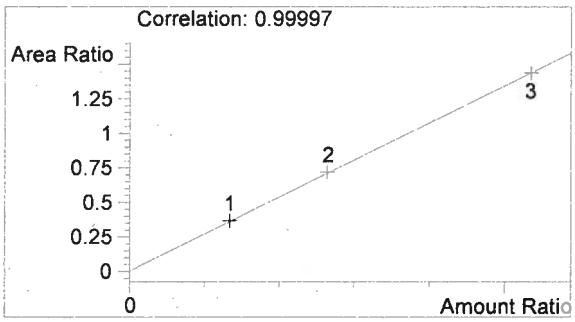
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/16/2013 12:33:43 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL
Operator: Katie Knorr
Location: Vial 5

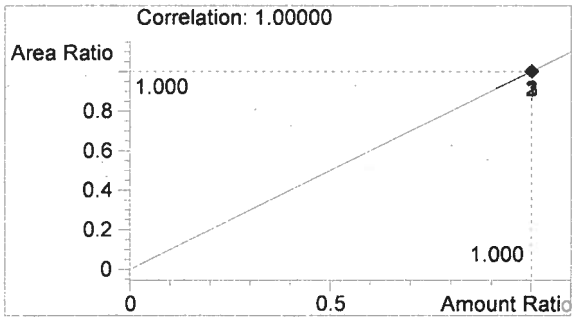


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1523	1.741



Ethanol 0.000 g/100mL

13064



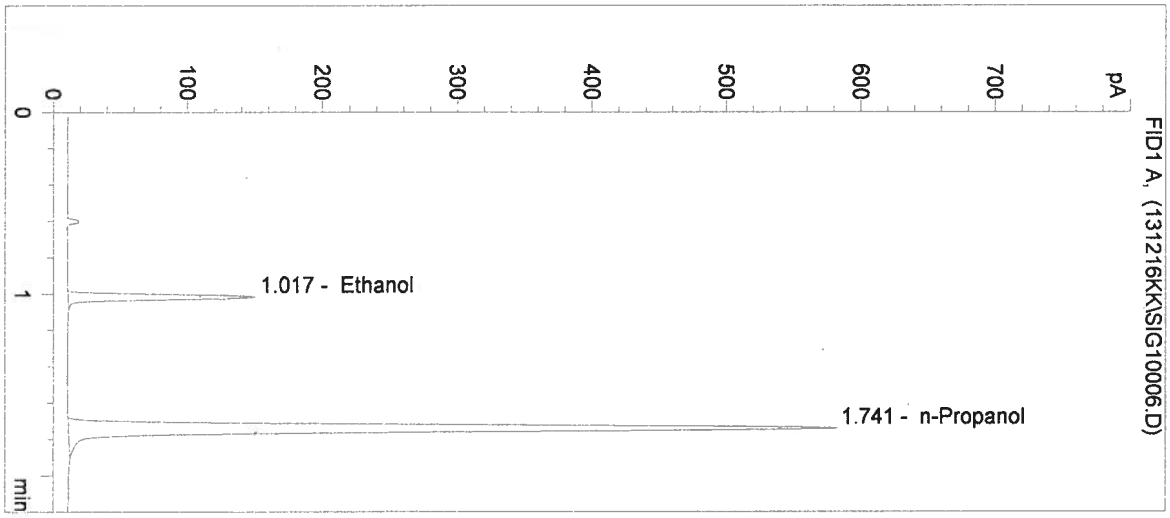
n-Propanol 0.012 g/100mL

KK

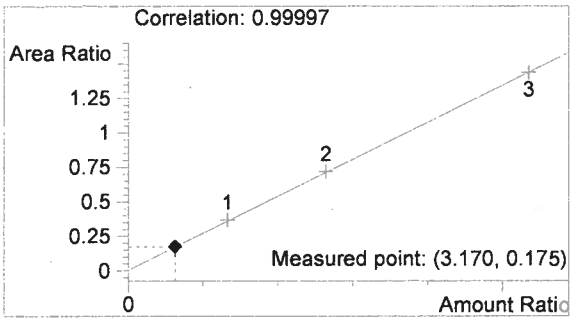
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/16/2013 12:36:50 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.04g/100mL

Sample Name: CTRL1 (0.04)
Operator: Katie Knorr
Location: Vial 6

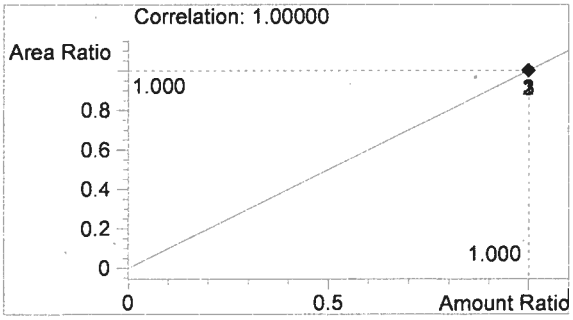


#	Compound	Peak Area	RT (min)
1	Ethanol	267	1.017
2	n-Propanol	1528	1.741



Ethanol 0.038 g/100mL

13064



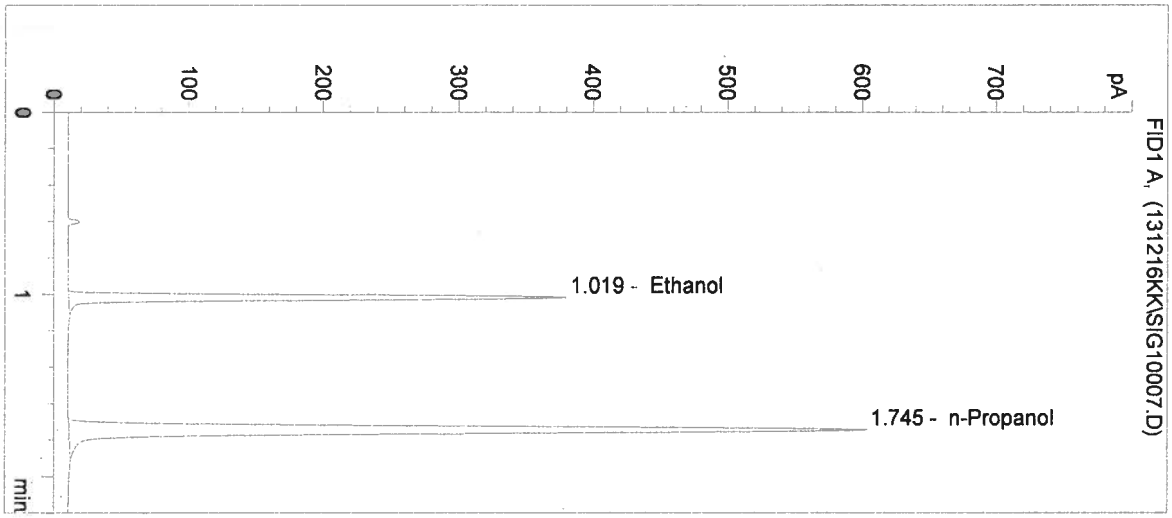
n-Propanol 0.012 g/100mL

KK

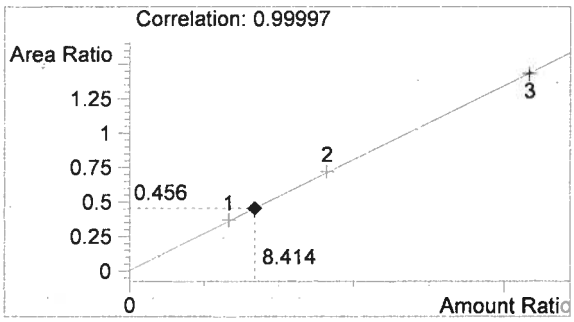
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/16/2013 12:39:58 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL

Sample Name: CTRL2 (0.10)
Operator: Katie Knorr
Location: Vial 7

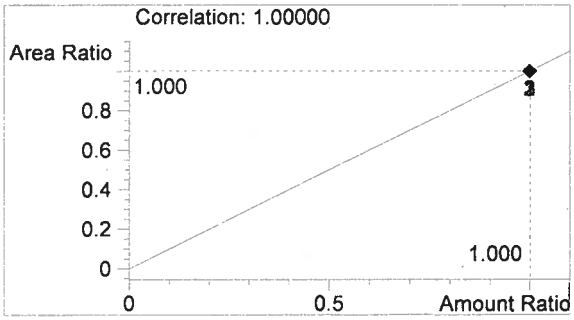


#	Compound	Peak Area	RT (min)
1	Ethanol	723	1.019
2	n-Propanol	1586	1.745



Ethanol 0.101 g/100mL

13064



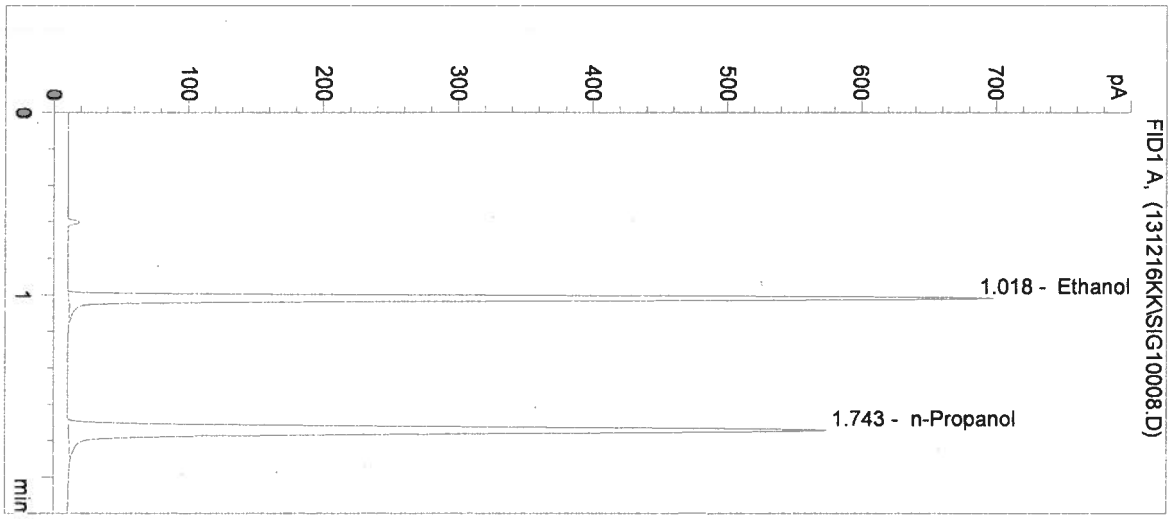
n-Propanol 0.012 g/100mL

KK

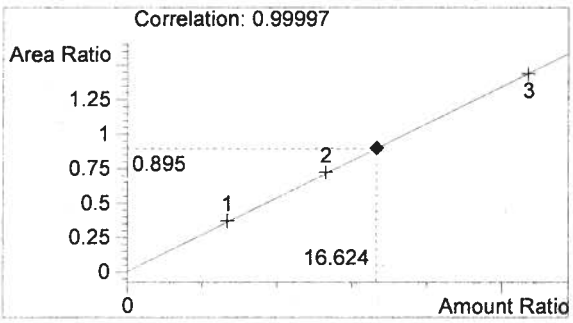
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/16/2013 12:43:05 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.20g/100mL

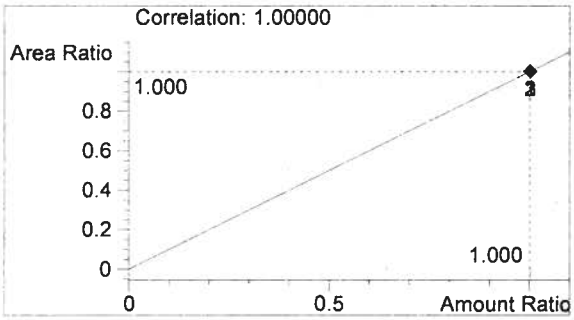
Sample Name: CTRL3 (0.20)
Operator: Katie Knorr
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1349	1.018
2	n-Propanol	1507	1.743



Ethanol 0.199 g/100mL



n-Propanol 0.012 g/100mL

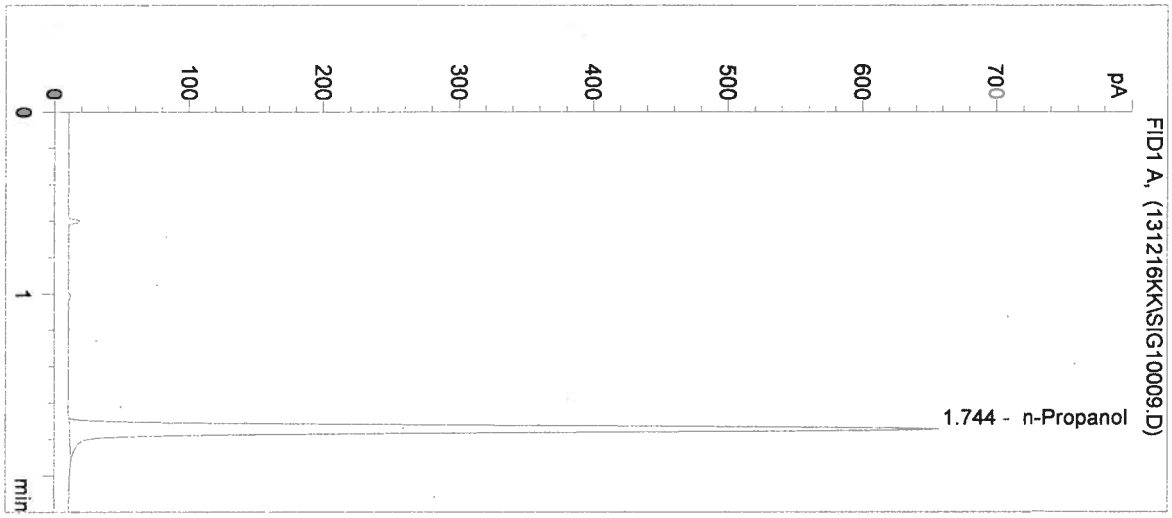
13064

KK

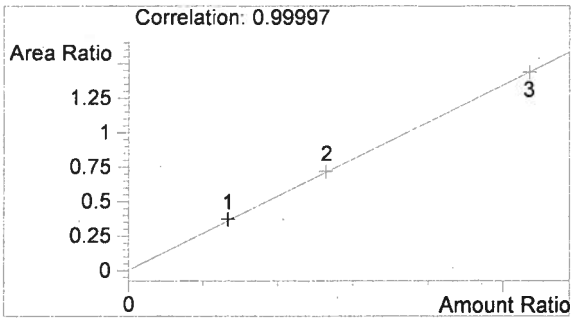
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/16/2013 12:46:13 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL
Operator: Katie Knorr
Location: Vial 9

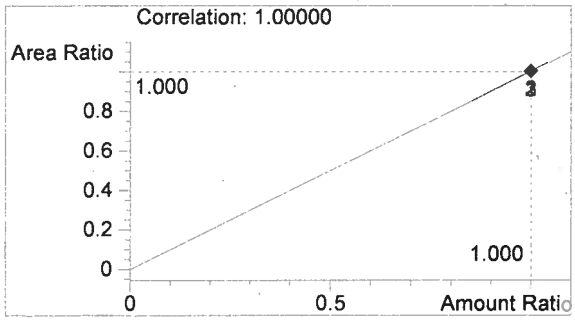


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1729	1.744



Ethanol 0.000 g/100mL

13064



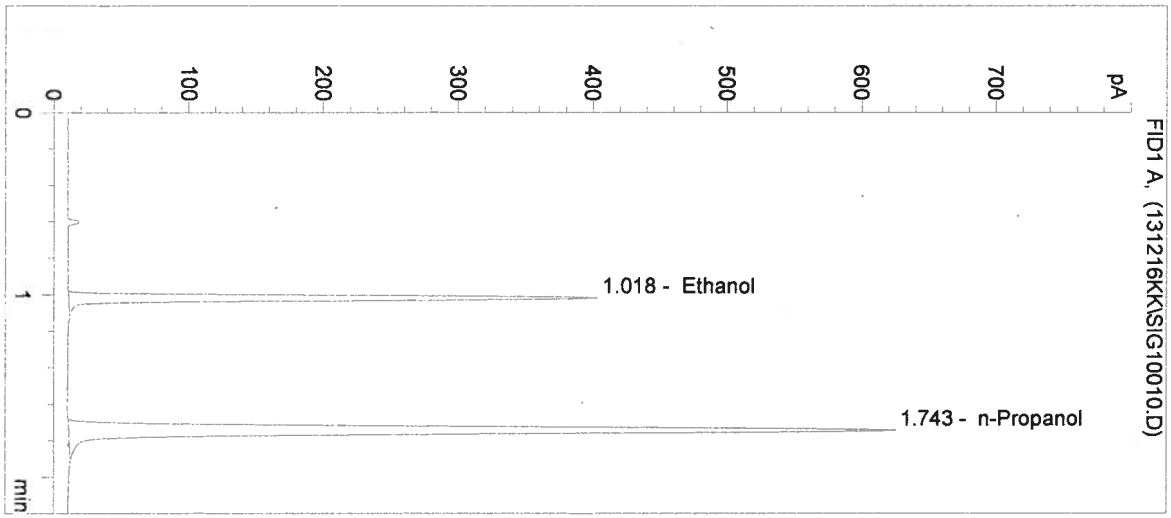
n-Propanol 0.012 g/100mL

KK

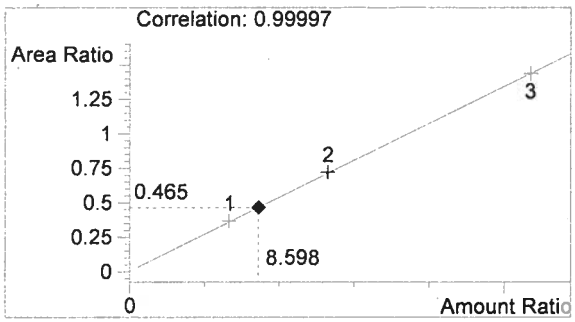
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/16/2013 12:49:20 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

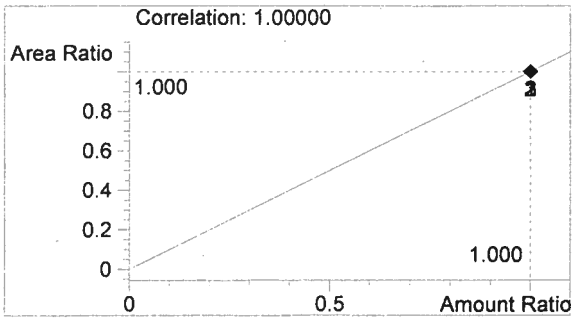
Sample Name: 13064-1
Operator: Katie Knorr
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	765	1.018
2	n-Propanol	1643	1.743



Ethanol 0.103 g/100mL



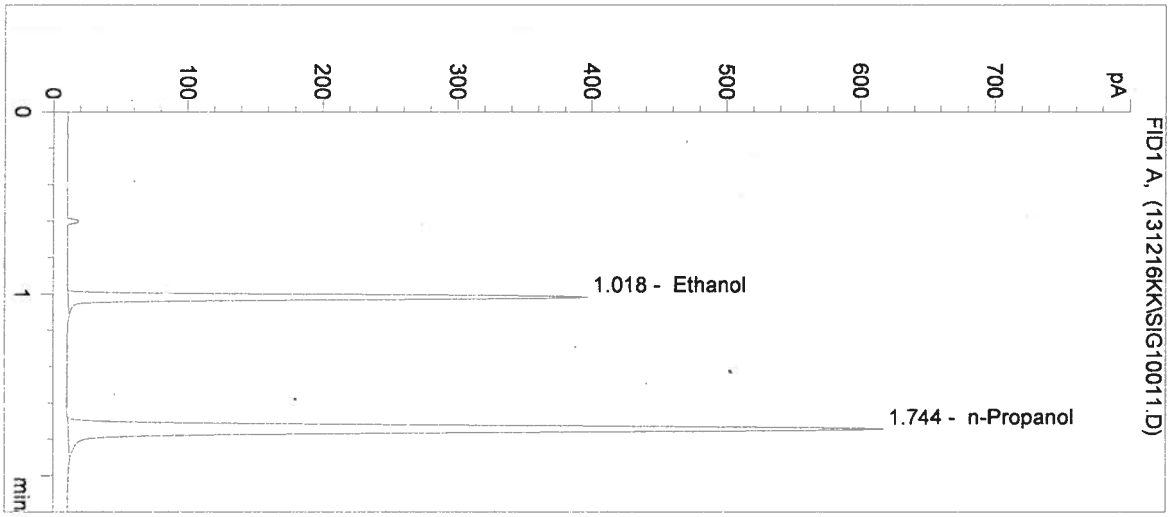
n-Propanol 0.012 g/100mL

KK

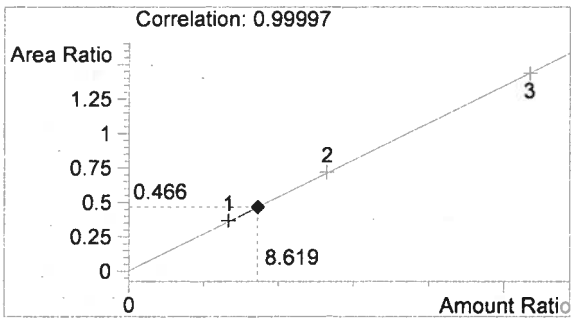
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/16/2013 12:52:28 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

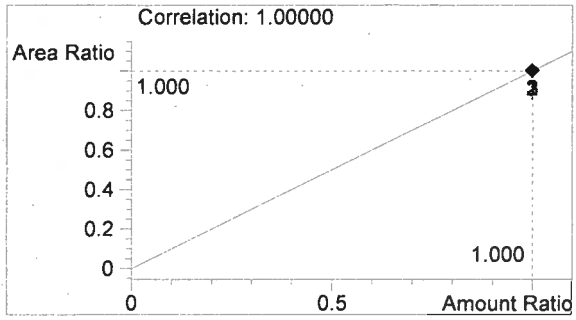
Sample Name: 13064-2
Operator: Katie Knorr
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	756	1.018
2	n-Propanol	1620	1.744



Ethanol 0.103 g/100mL

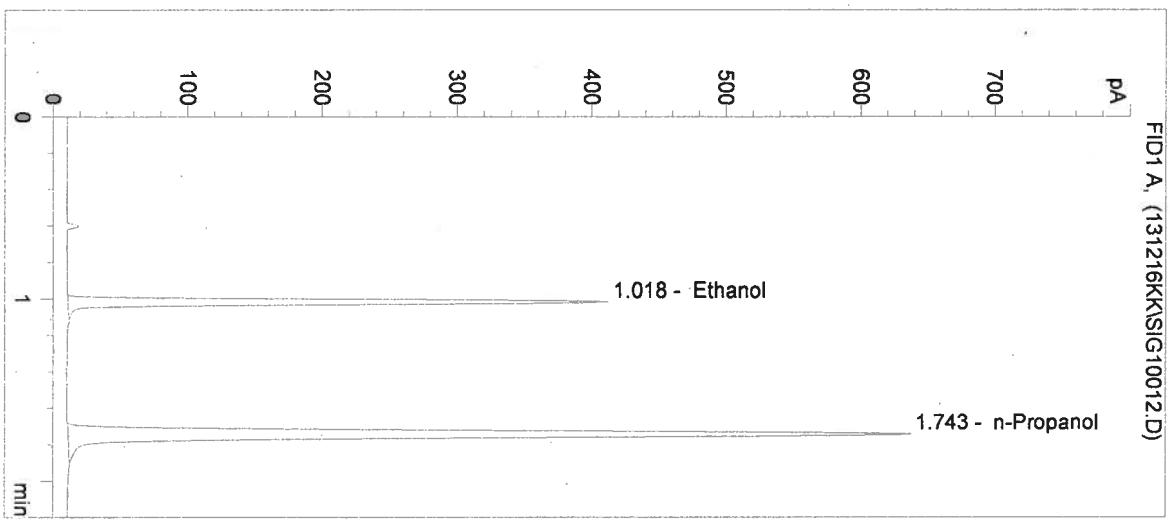


n-Propanol 0.012 g/100mL

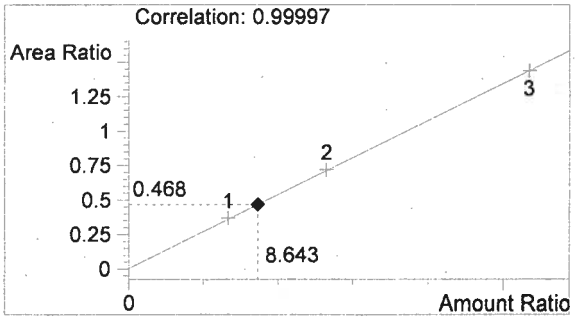
KK

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

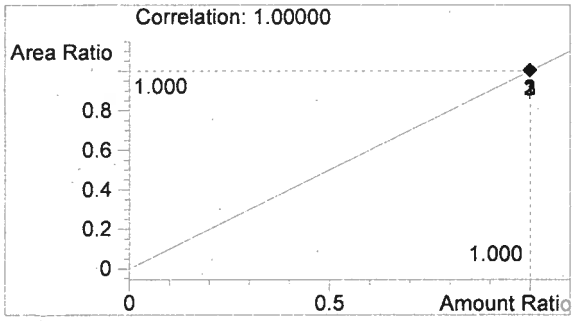
Inj. Date: 12/16/2013 12:55:35 PM
Sample Name: 13064-3
Instrument: HSGC#3
Operator: Katie Knorr
Column: DB-ALC2
Location: Vial 12
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	784	1.018
2	n-Propanol	1676	1.743



Ethanol 0.104 g/100mL



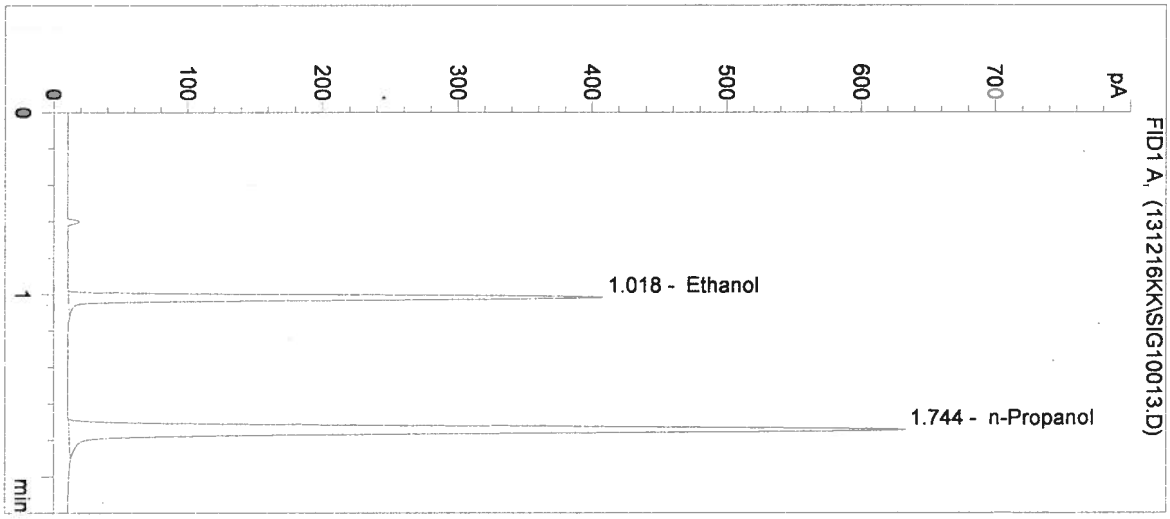
n-Propanol 0.012 g/100mL

KK

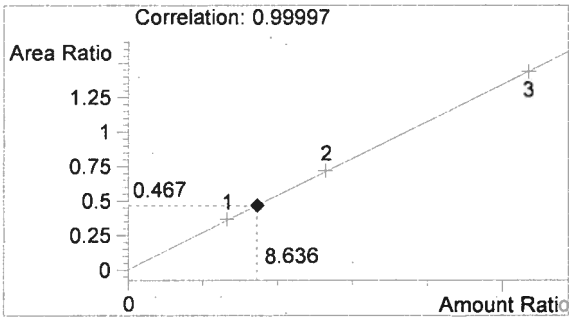
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/16/2013 12:58:43 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

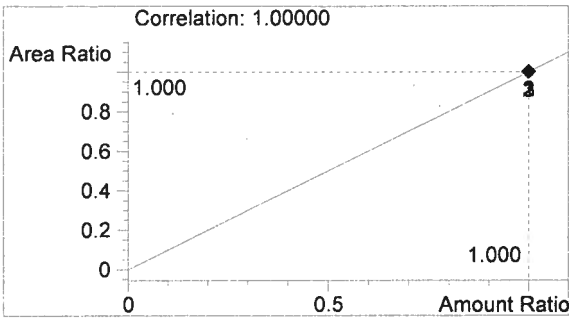
Sample Name: 13064-4
Operator: Katie Knorr
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	780	1.018
2	n-Propanol	1669	1.744



Ethanol 0.104 g/100mL



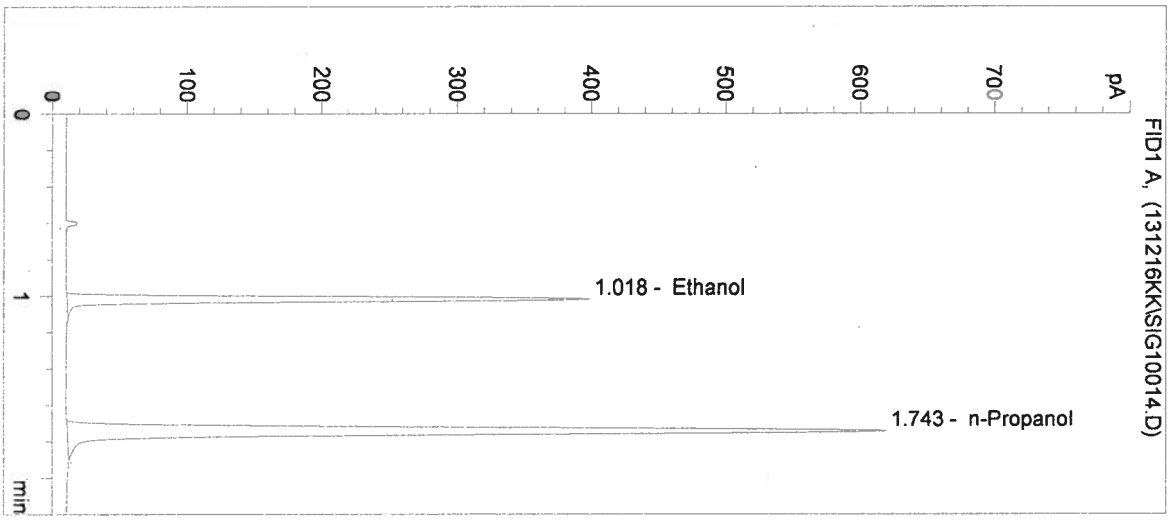
n-Propanol 0.012 g/100mL

KK

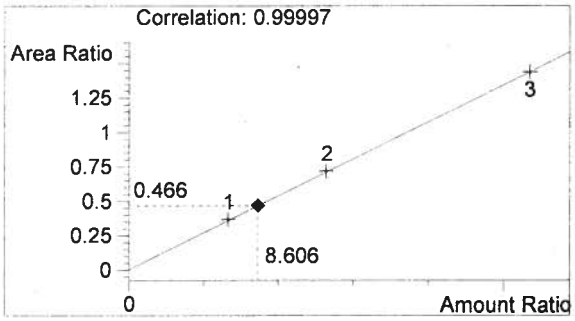
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/16/2013 1:01:51 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

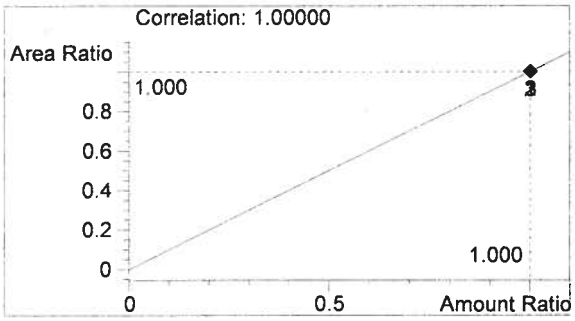
Sample Name: 13064-5
Operator: Katie Knorr
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	758	1.018
2	n-Propanol	1628	1.743



Ethanol 0.103 g/100mL



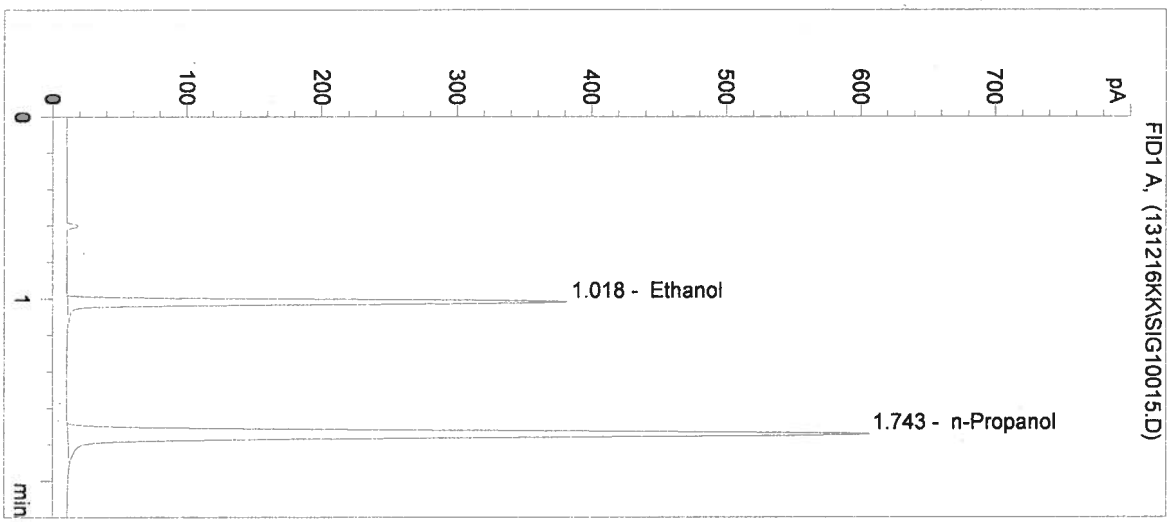
n-Propanol 0.012 g/100mL

KK

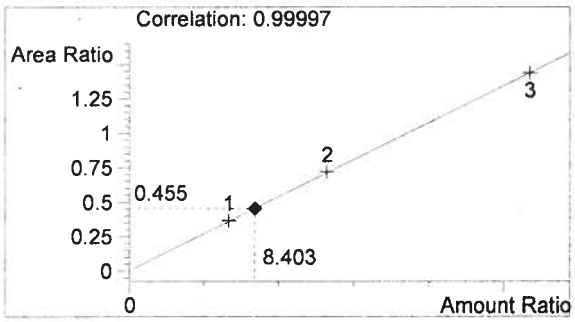
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/16/2013 1:04:58 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL

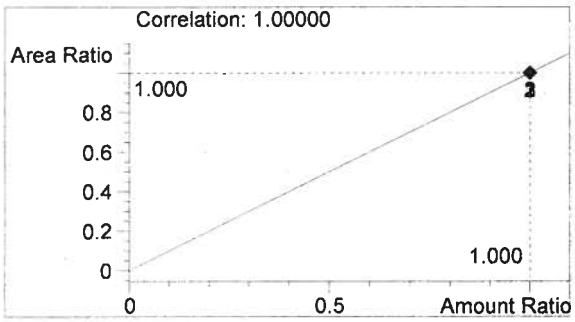
Sample Name: CTRL2 (0.10)
Operator: Katie Knorr
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	724	1.018
2	n-Propanol	1592	1.743



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

13064

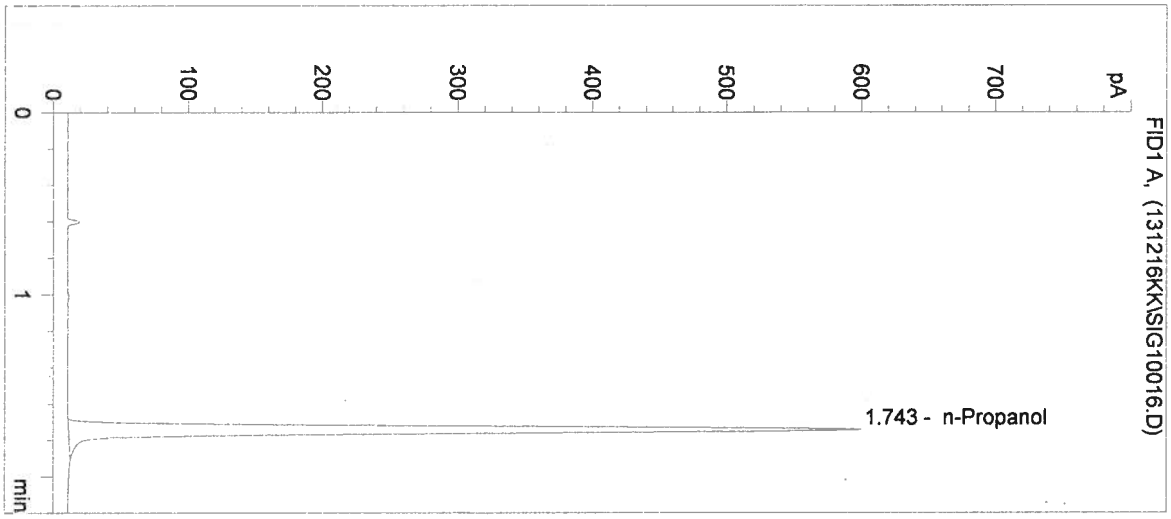
KK

Data File: C:\HPCHEM\2\DATA\131216KK\SIG10015.D

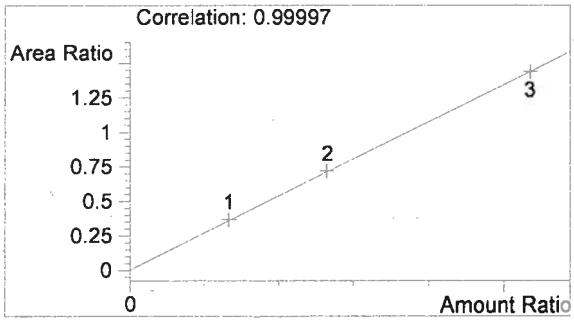
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/16/2013 1:08:06 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL
Operator: Katie Knorr
Location: Vial 16

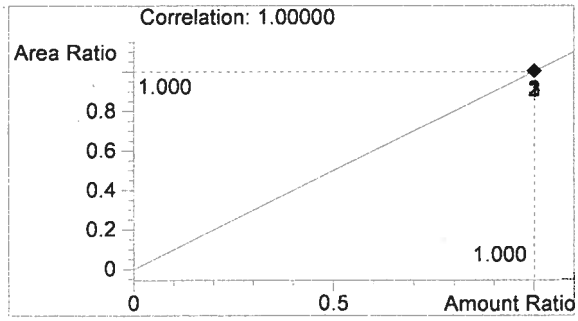


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1575	1.743



Ethanol 0.000 g/100mL

13064



n-Propanol 0.012 g/100mL

KK

Sequence: C:\HPCHEM\2\SEQUENCE\JKESS3.S

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:	131220JK
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#E1213-01 - Exp 6/03/14
Cal 2 (0.158 g/100mL) - Lot#E1213-02 - Exp 6/03/14
Cal 3 (0.316 g/100mL) - Lot#E1213-03 - Exp 6/03/14

CTRL 1 (0.04 g/100mL) - Lot#FN120110-04 - Exp 12/2015
CTRL 2 (0.10 g/100mL) - Lot#A095230 - Exp 09/2017
CTRL 3 (0.20 g/100mL) - Lot#FN100511-01 - Exp 10/2016

n-Propanol ISTD - Lot# P1113 - Exp 02/14/14

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 JK	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC3	1	Ctrl Samp		
10	Vial 10	13064-1	SIMALC3	1	Sample		
11	Vial 11	13064-2	SIMALC3	1	Sample		
12	Vial 12	13064-3	SIMALC3	1	Sample		
13	Vial 13	13064-4	SIMALC3	1	Sample		
14	Vial 14	13064-5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	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: C:\HPCHEM\2\SEQUENCE\JKESS3.S

Sequence Table (Back Injector):

No entries - empty table!

13064

Calibration Table

Calib. Data Modified : Friday, December 20, 2013 10:00:09 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

13064

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.018	1	1	8.00300e-2	545.93567	1.46592e-4	1		Ethanol
		2	1.58560e-1	1187.23169	1.33554e-4			
		3	3.21220e-1	2172.76489	1.47839e-4			
1.742	1	1	1.20000e-2	1527.21912	7.85742e-6	I1		n-Propanol
		2	1.20000e-2	1621.07349	7.40250e-6			
		3	1.20000e-2	1508.00110	7.95755e-6			

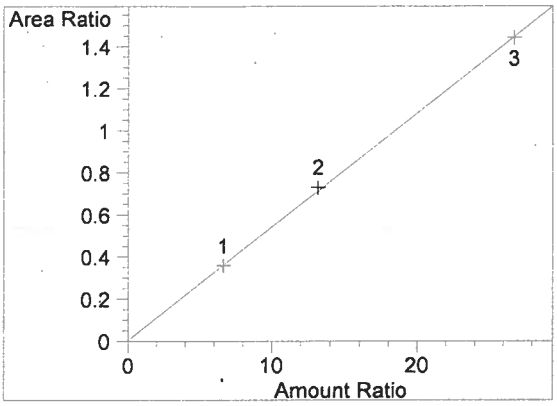
Peak Sum Table

No Entries in table

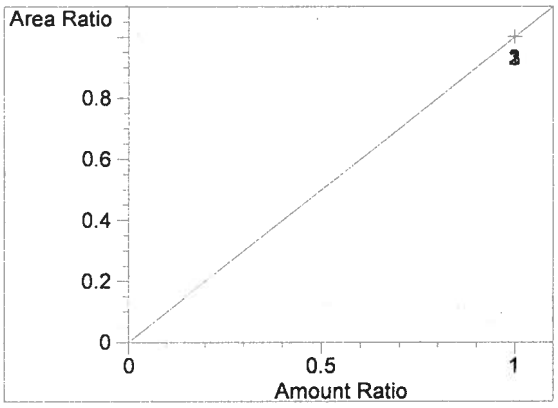
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.018
FID1 A,
Correlation: 0.99985
Residual Std. Dev.: 0.01321
Formula: y = mx + b
m: 5.39287e-2
b: 3.71301e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.742
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

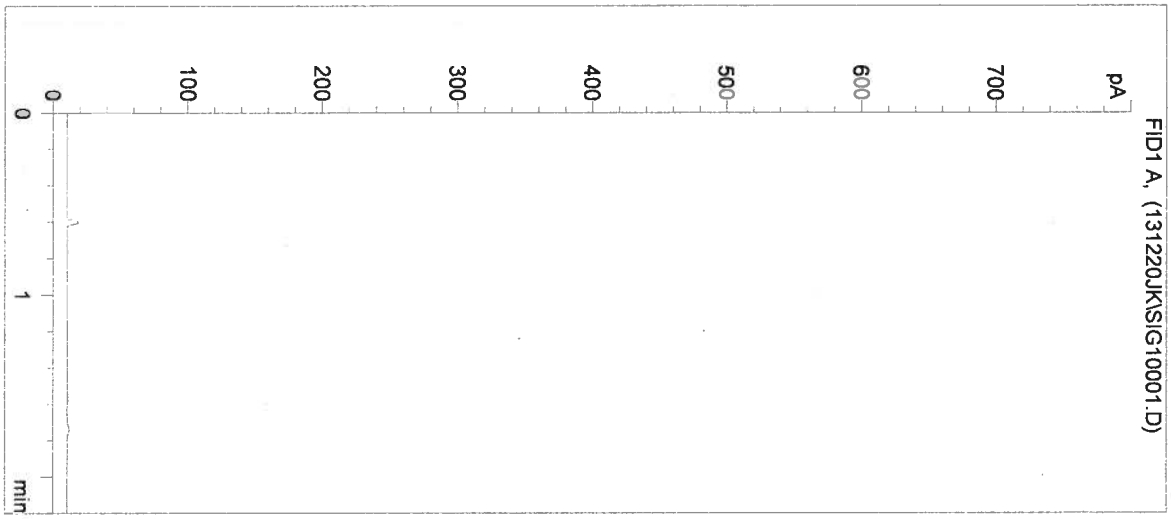
==========

13064

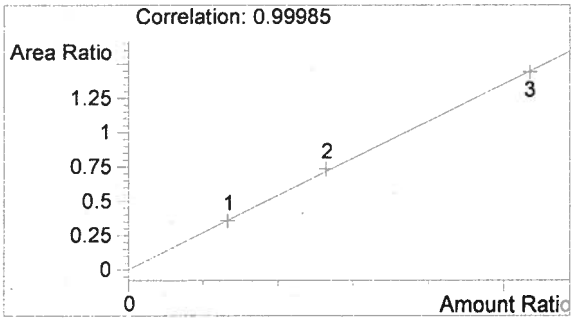
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 9:48:35 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: BLANK
Operator: Justin Knoy
Location: Vial 1

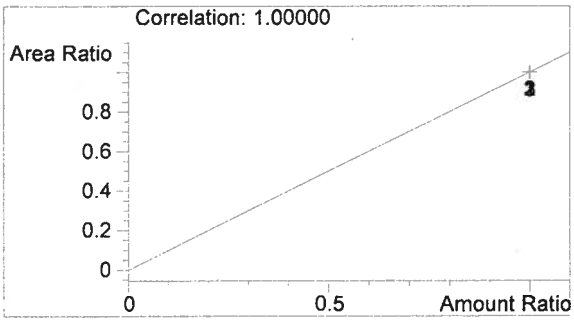


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

13064

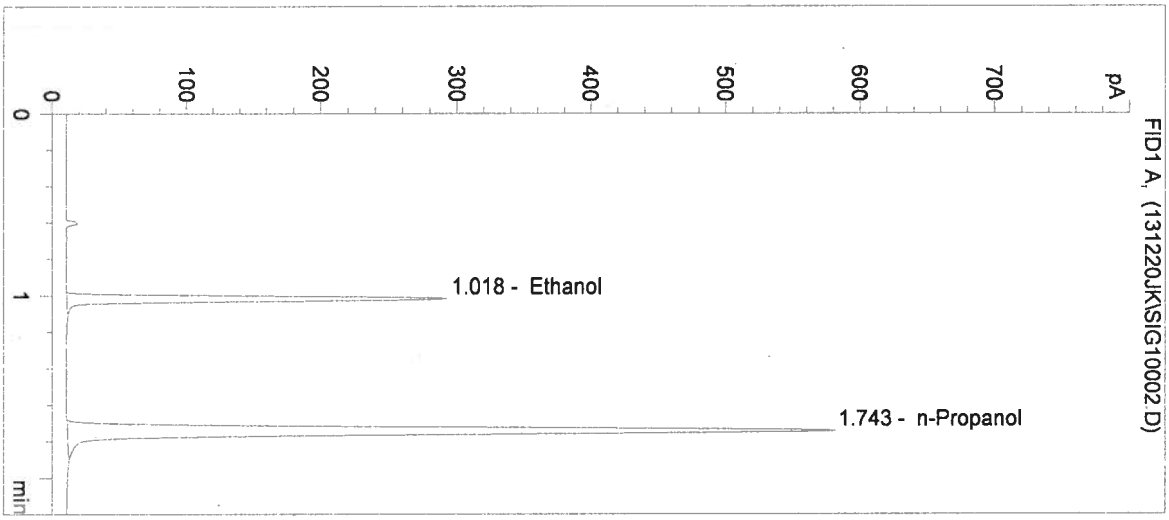


n-Propanol 0.000 g/100mL

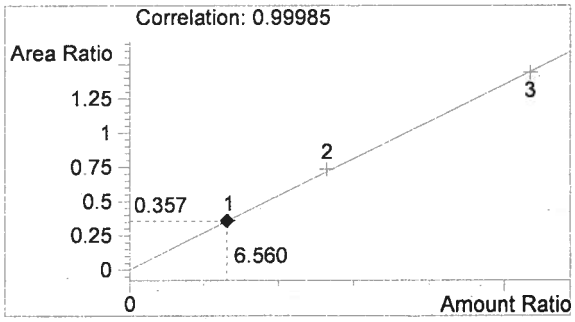
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 9:51:42 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E1213-01 - Exp. 06/03/2014

Sample Name: CAL1 0.079
Operator: Justin Knoy
Location: Vial 2

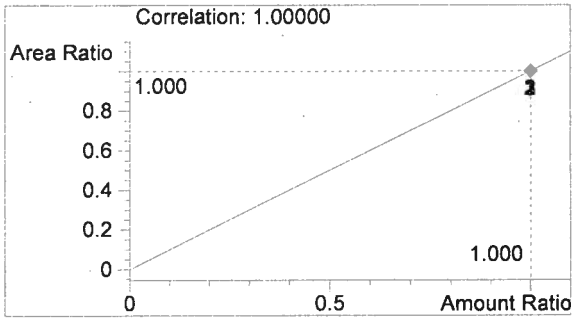


#	Compound	Peak Area	RT (min)
1	Ethanol	546	1.018
2	n-Propanol	1527	1.743



Ethanol 0.079 g/100mL

13064

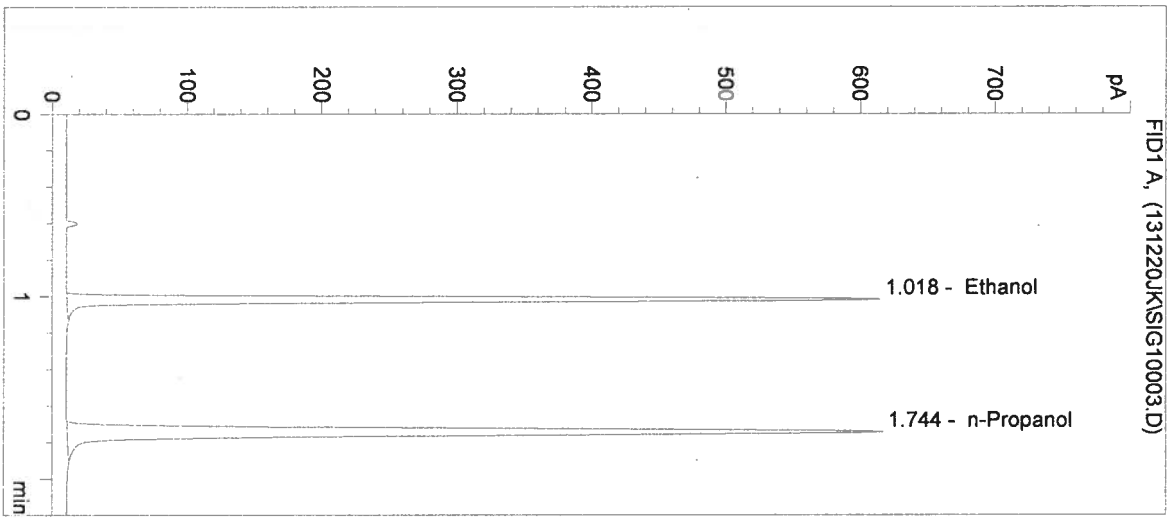


n-Propanol 0.012 g/100mL

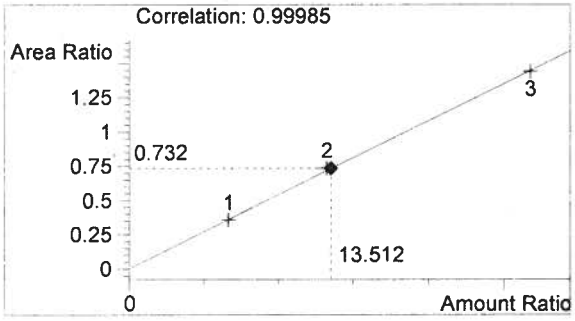
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 9:54:50 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E1213-02 - Exp. 06/03/2014

Sample Name: CAL2 0.158
Operator: Justin Knoy
Location: Vial 3

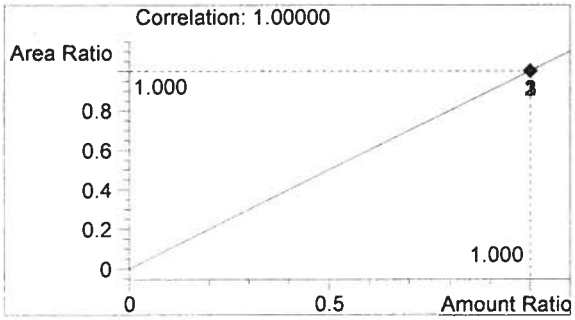


#	Compound	Peak Area	RT (min)
1	Ethanol	1187	1.018
2	n-Propanol	1621	1.744



Ethanol 0.162 g/100mL

13064

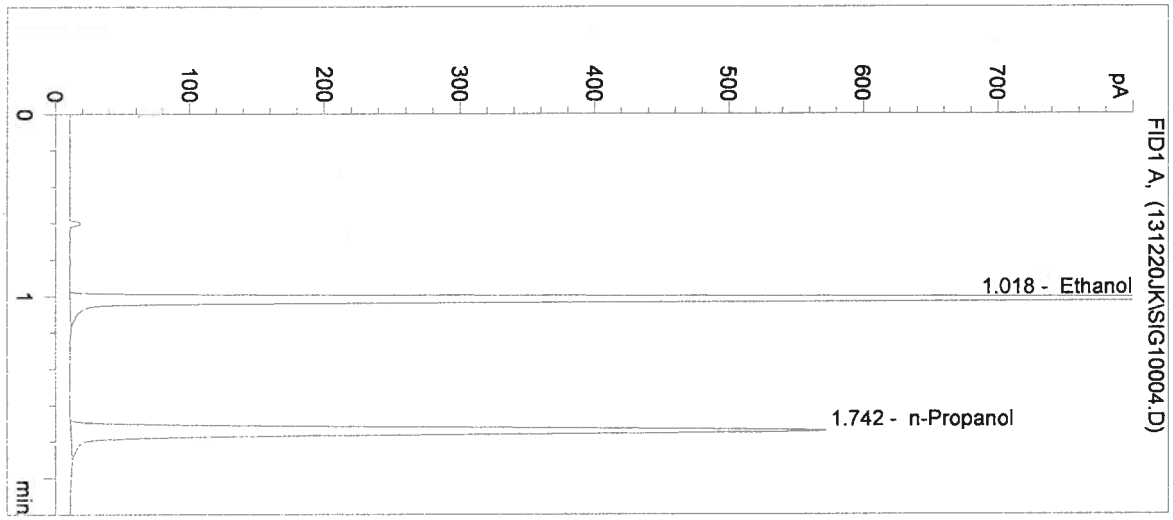


n-Propanol 0.012 g/100mL

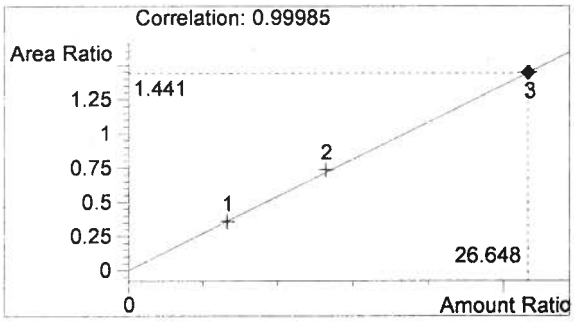
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 9:57:57 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E1213-03 - Exp. 06/03/2014

Sample Name: CAL3 0.316
Operator: Justin Knoy
Location: Vial 4

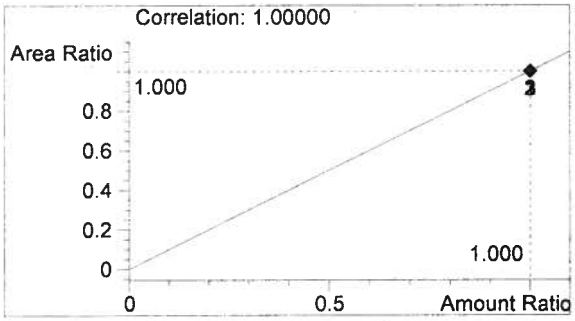


#	Compound	Peak Area	RT (min)
1	Ethanol	2173	1.018
2	n-Propanol	1508	1.742



Ethanol 0.320 g/100mL

13064

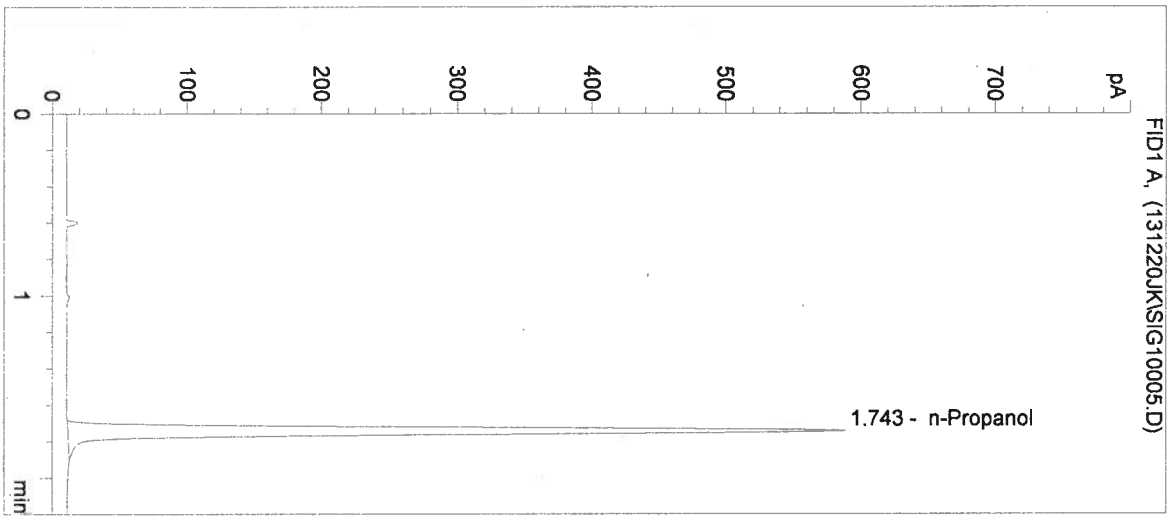


n-Propanol 0.012 g/100mL

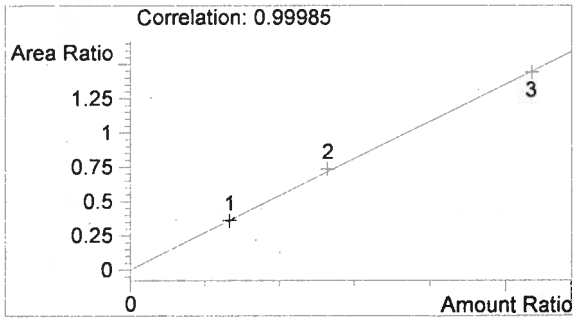
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 10:01:05 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 5

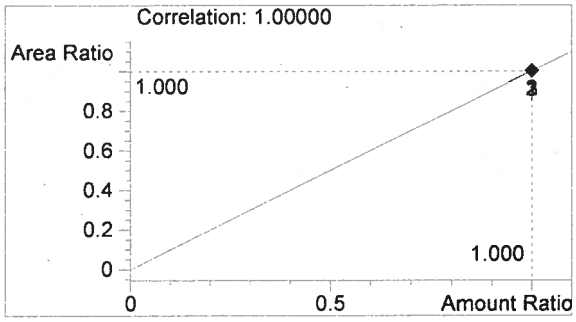


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1548	1.743



Ethanol 0.000 g/100mL

13064

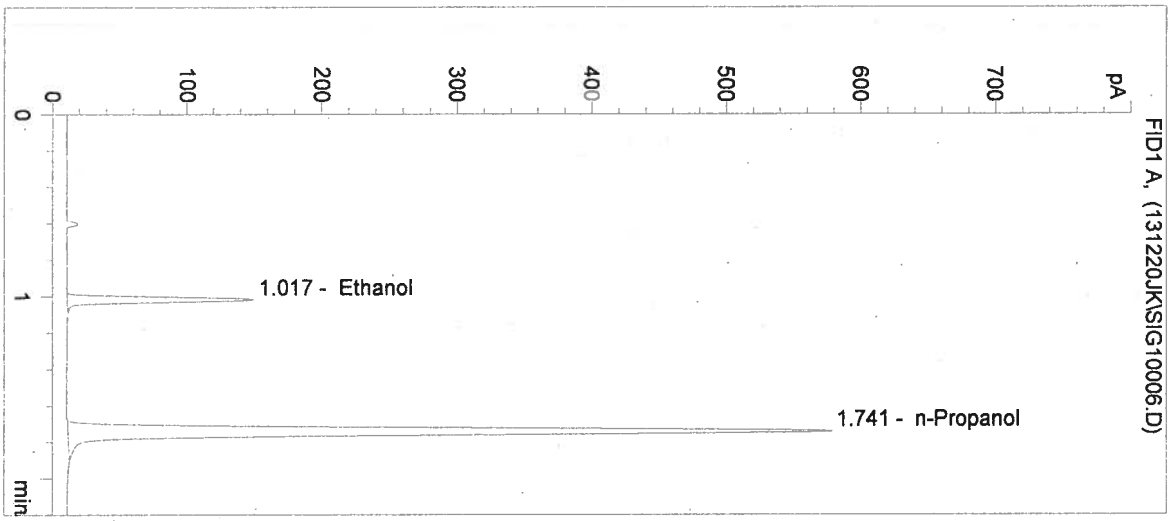


n-Propanol 0.012 g/100mL

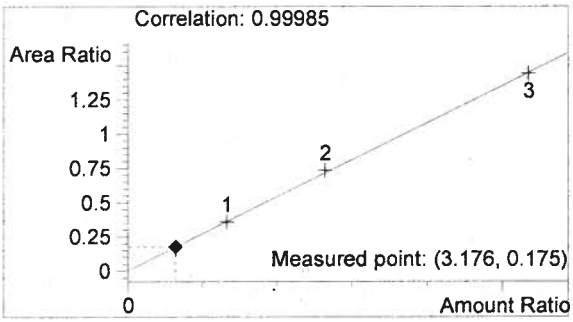
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 10:04:12 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.04g/100mL

Sample Name: 0.04 CTRL JK
Operator: Justin Knoy
Location: Vial 6

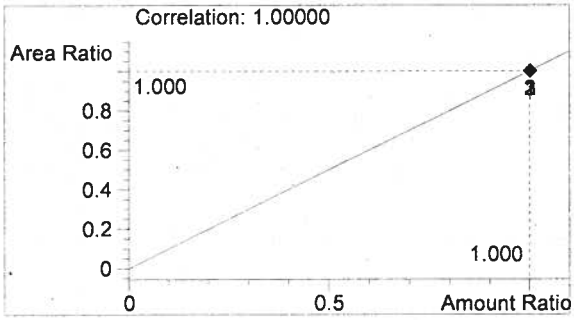


#	Compound	Peak Area	RT (min)
1	Ethanol	266	1.017
2	n-Propanol	1521	1.741



Ethanol 0.038 g/100mL

13064

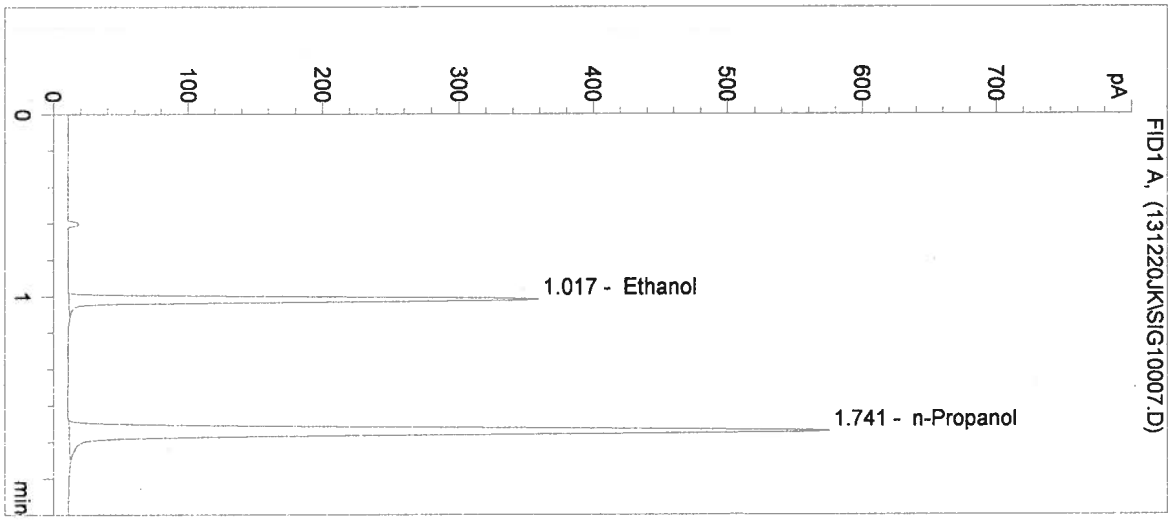


n-Propanol 0.012 g/100mL

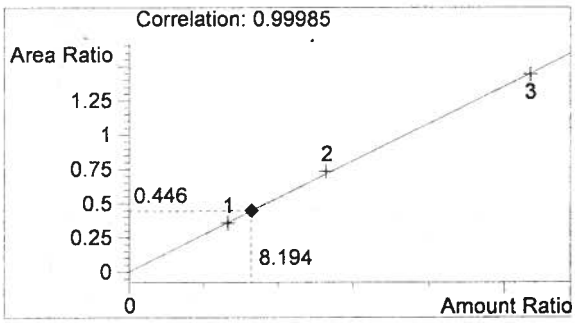
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 10:07:20 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL

Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 7

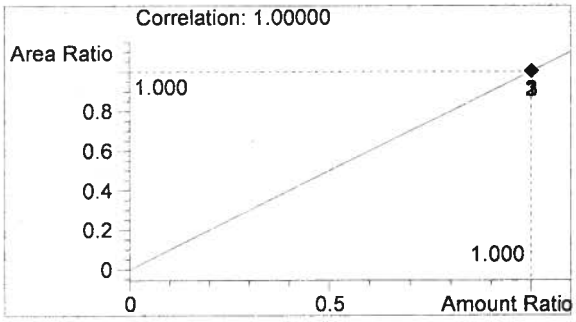


#	Compound	Peak Area	RT (min)
1	Ethanol	673	1.017
2	n-Propanol	1509	1.741



Ethanol 0.098 g/100mL

13064

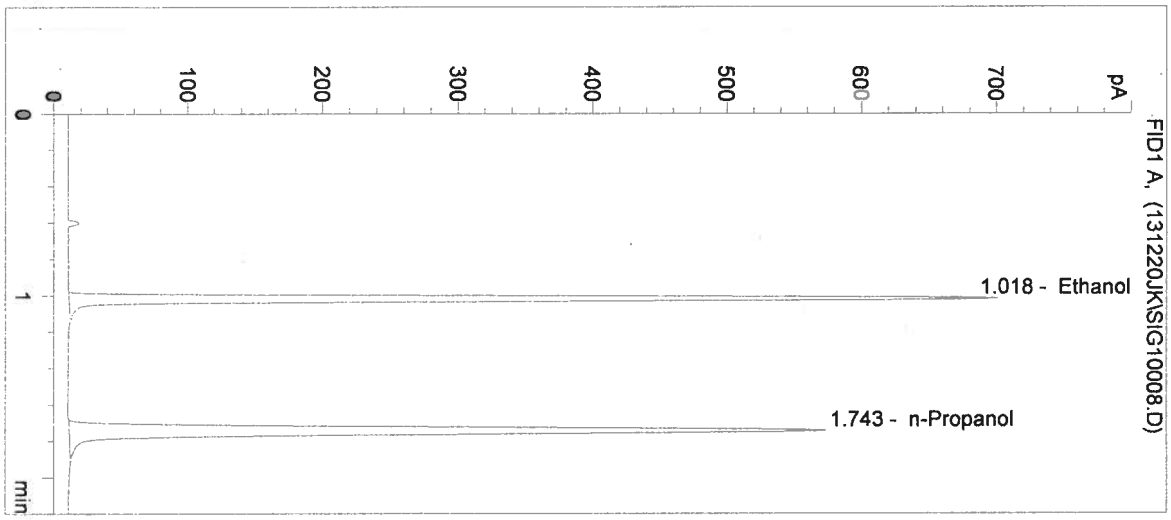


n-Propanol 0.012 g/100mL

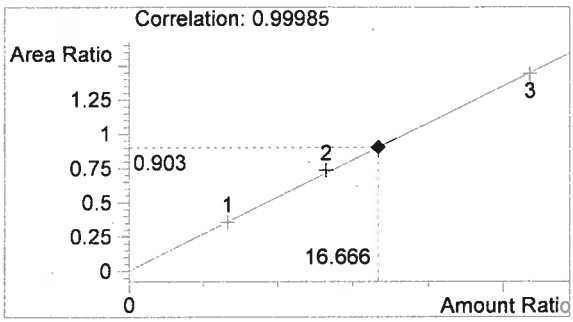
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 10:10:27 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.20g/100mL

Sample Name: 0.20 CTRL JK
Operator: Justin Knoy
Location: Vial 8

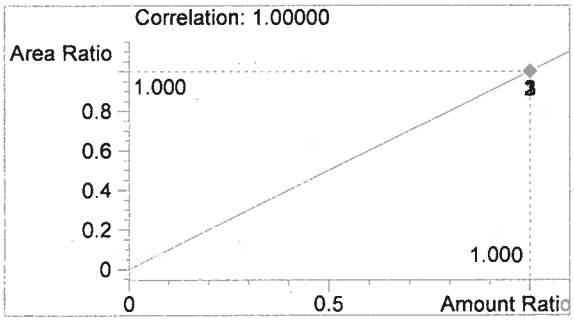


#	Compound	Peak Area	RT (min)
1	Ethanol	1359	1.018
2	n-Propanol	1506	1.743



Ethanol 0.200 g/100mL

13064



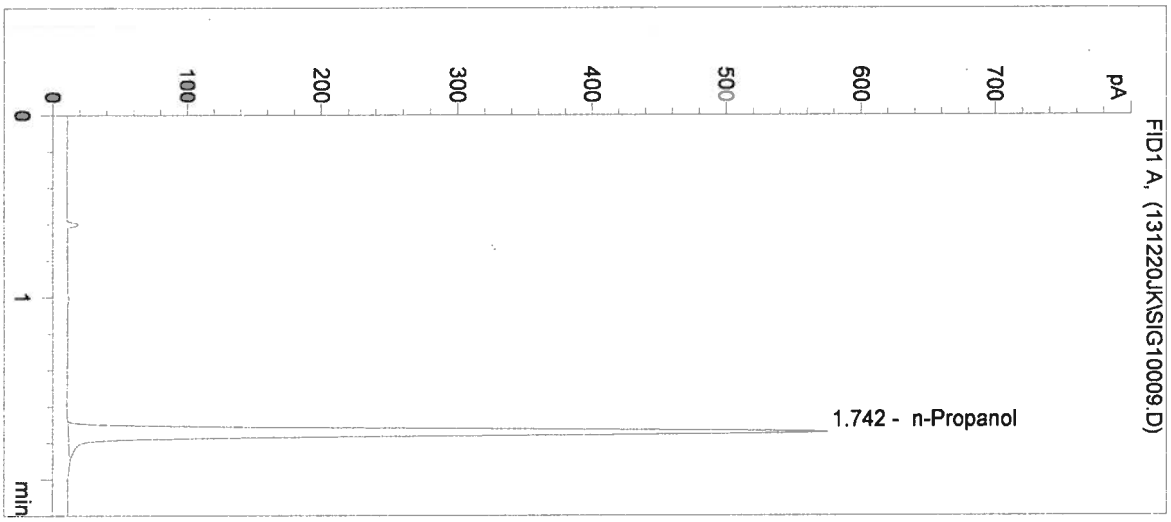
n-Propanol 0.012 g/100mL

JK

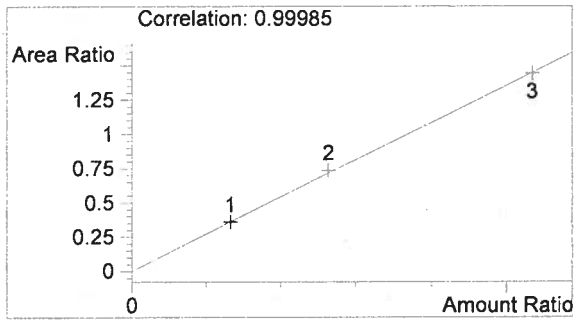
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 10:13:35 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 9

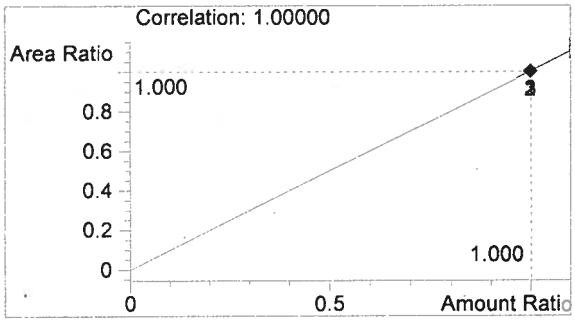


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1511	1.742



Ethanol 0.000 g/100mL

13064

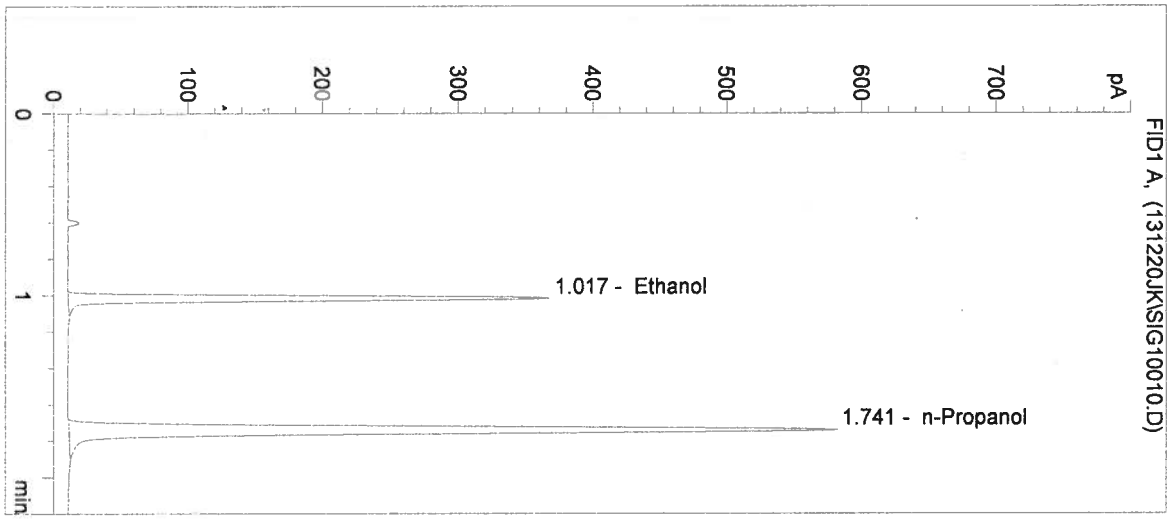


n-Propanol 0.012 g/100mL

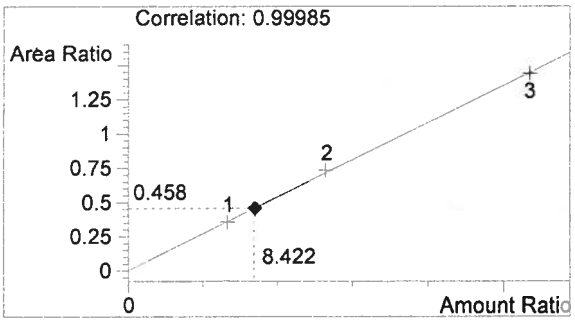
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 10:16:42 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

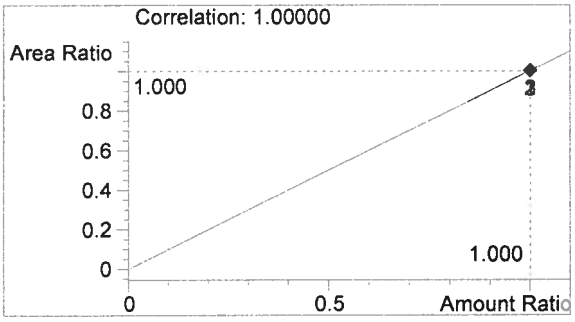
Sample Name: 13064-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.017
2	n-Propanol	1530	1.741



Ethanol 0.101 g/100mL

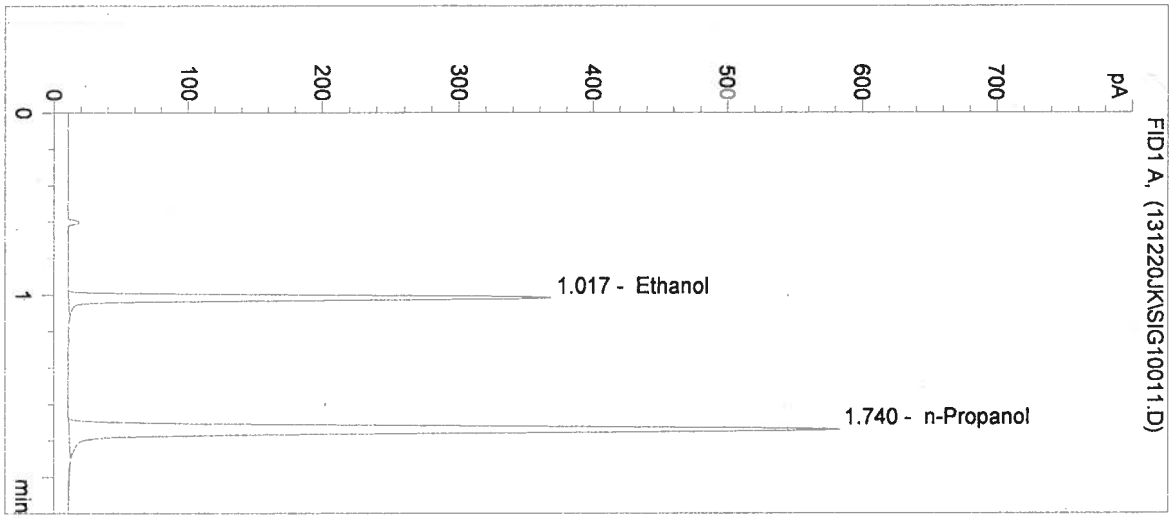


n-Propanol 0.012 g/100mL

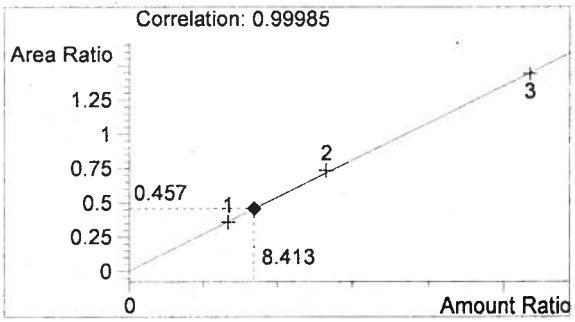
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 10:19:50 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

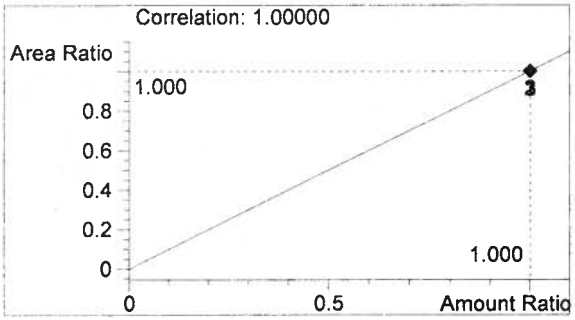
Sample Name: 13064-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.017
2	n-Propanol	1533	1.740



Ethanol 0.101 g/100mL



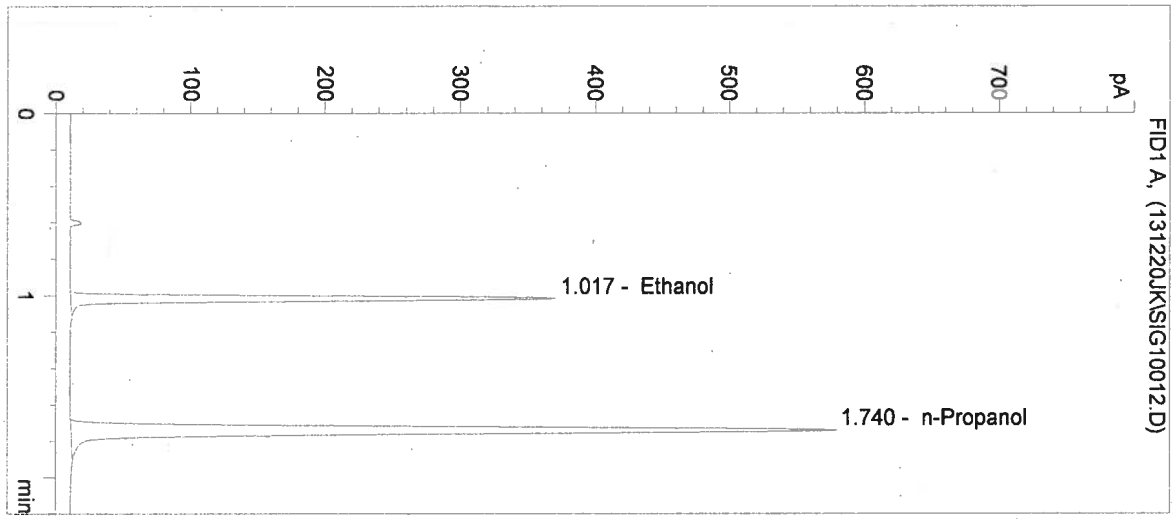
n-Propanol 0.012 g/100mL

JK

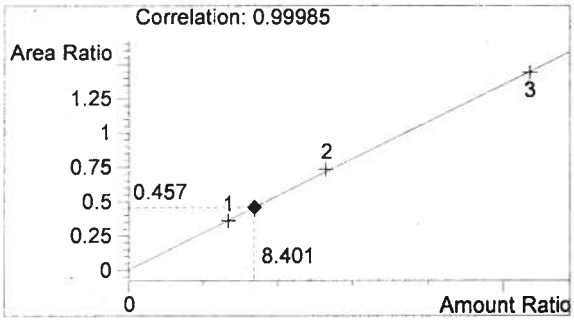
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 10:22:57 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

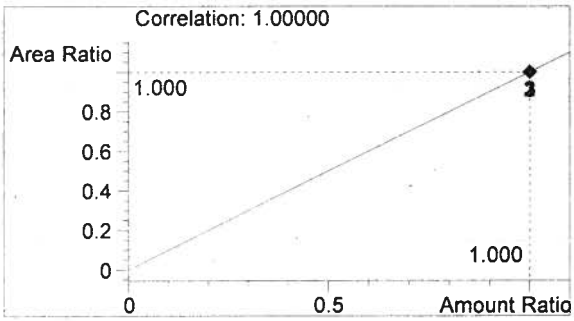
Sample Name: 13064-3
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	695	1.017
2	n-Propanol	1523	1.740



Ethanol 0.101 g/100mL

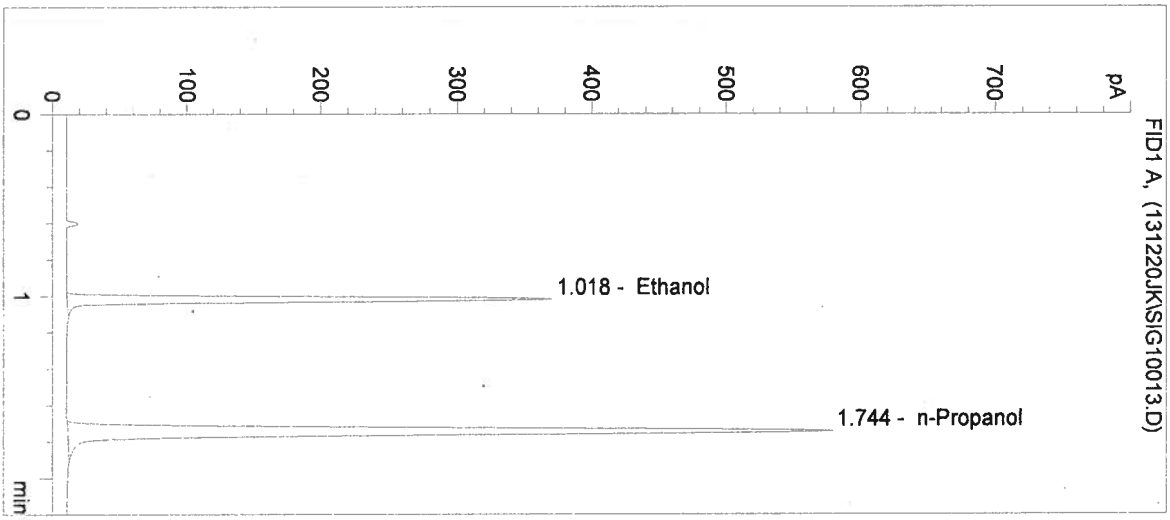


n-Propanol 0.012 g/100mL

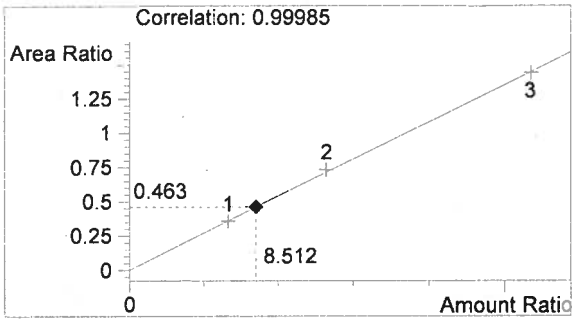
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 10:26:05 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

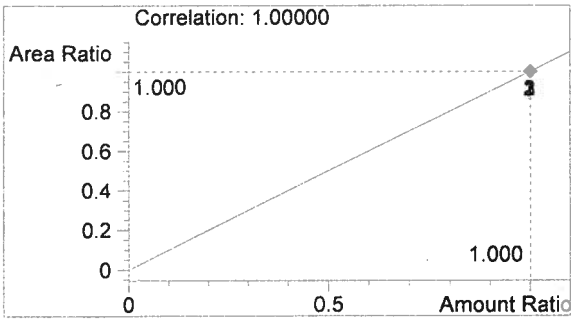
Sample Name: 13064-4
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	702	1.018
2	n-Propanol	1517	1.744



Ethanol 0.102 g/100mL

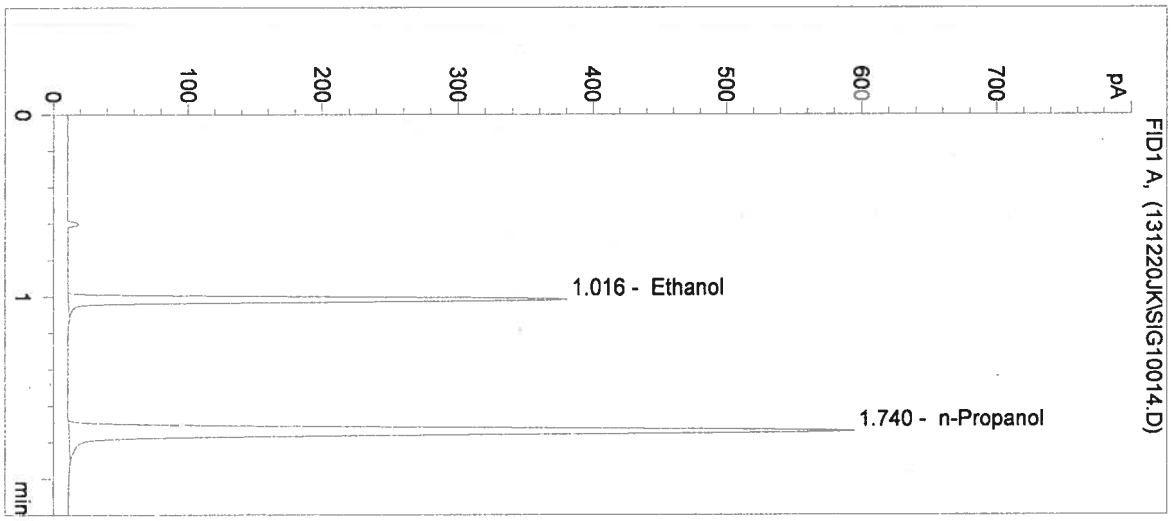


n-Propanol 0.012 g/100mL

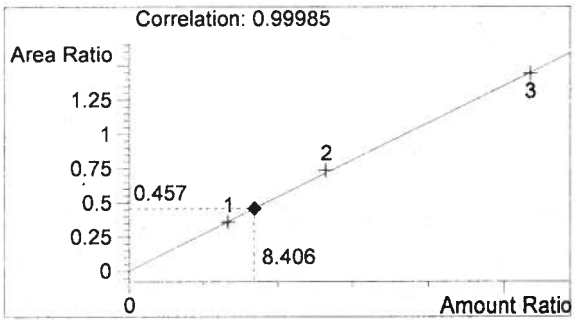
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 10:29:12 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

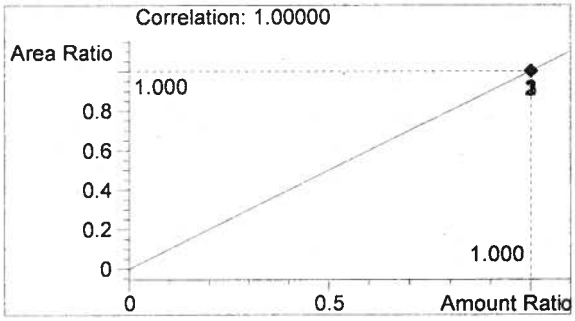
Sample Name: 13064-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	715	1.016
2	n-Propanol	1564	1.740



Ethanol 0.101 g/100mL

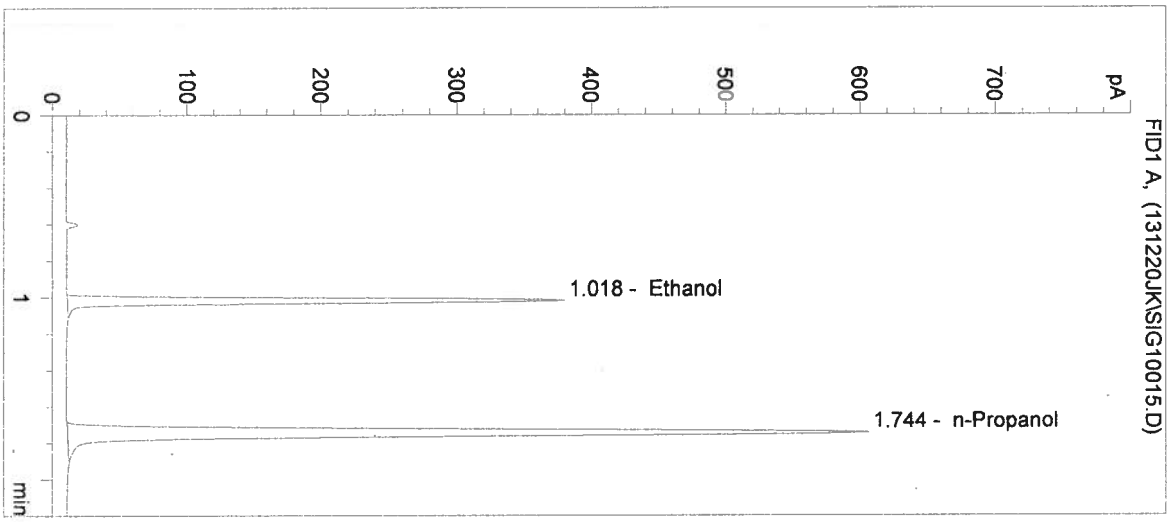


n-Propanol 0.012 g/100mL

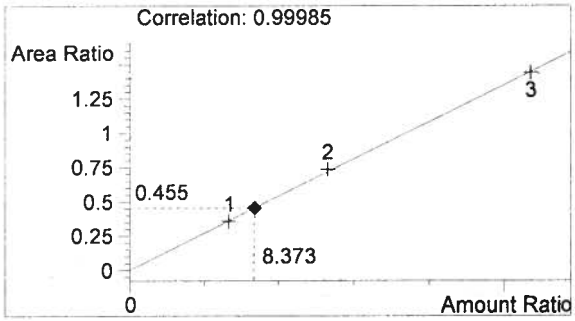
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 10:32:20 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL

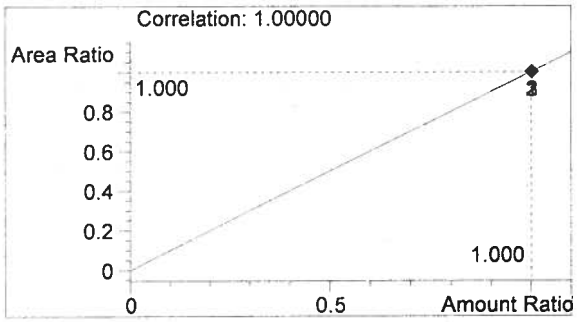
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	725	1.018
2	n-Propanol	1593	1.744



Ethanol 0.100 g/100mL



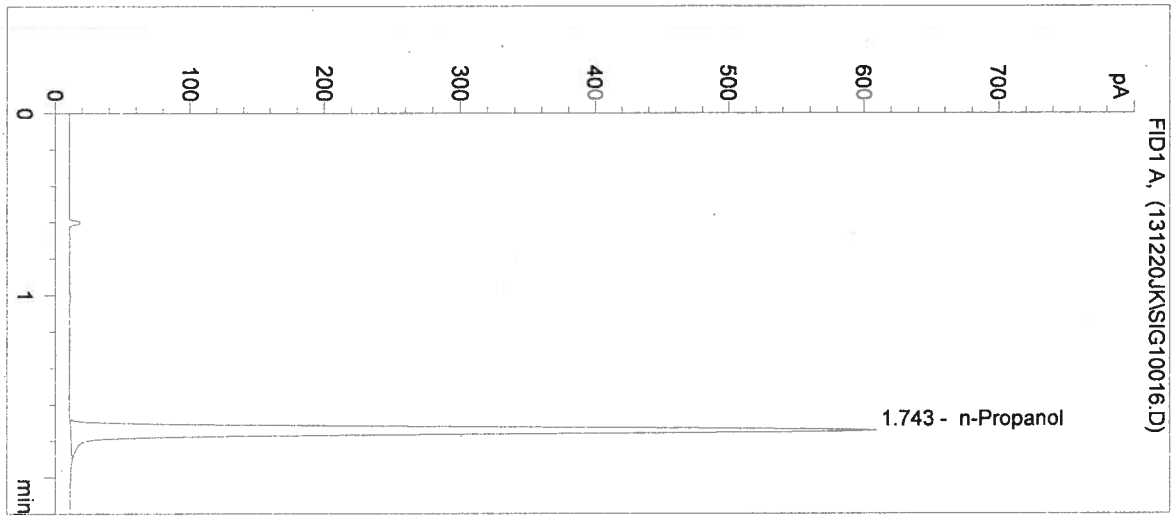
n-Propanol 0.012 g/100mL

13064

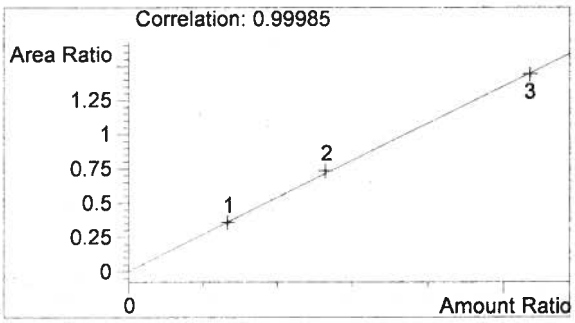
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 10:35:27 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 16

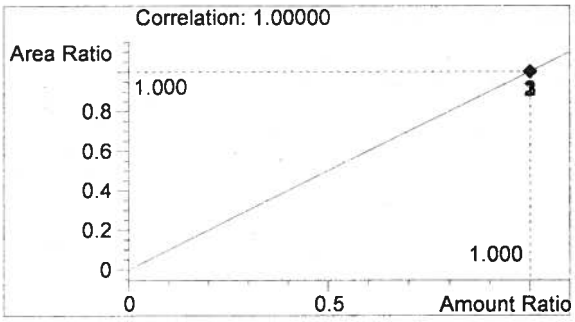


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1606	1.743



Ethanol 0.000 g/100mL

13064



n-Propanol 0.012 g/100mL

Sequence: C:\HPCHEM\2\SEQUENCE\CMEXTSTD.S

Sequence Parameters:

Operator:	Christie Mitchell-Mata
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	131220CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 Calibrator Lot#E1213-01 Exp. 6/3/14
0.158 Calibrator Lot#E1213-02 Exp. 6/3/14
0.316 Calibrator Lot#E1213-03 Exp. 6/3/14
0.04 control lot# FN120110-04 Exp. 12/2015
0.10 control lot# A095230 Exp. 09/2017
0.20 control lot# FN100511-01 Exp. 10/2016
n-propanol ISTD Lot#P1113 Exp. 02/14/14

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	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL - CM	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - CM	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC3	1	Ctrl Samp		
10	Vial 10	13064 #1	SIMALC3	1	Sample		
11	Vial 11	13064 #2	SIMALC3	1	Sample		
12	Vial 12	13064 #3	SIMALC3	1	Sample		
13	Vial 13	13064 #4	SIMALC3	1	Sample		
14	Vial 14	13064 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL - CM	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL - CM	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

CM

Sequence: C:\HPCHEM\2\SEQUENCE\CMEXTSTD.S

Sequence Table (Back Injector):

No entries - empty table!

13064

CM

Calibration Table

Calib. Data Modified : Friday, December 20, 2013 1:17:24 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.017	1	1	8.00300e-2	559.12756	1.43134e-4	1		Ethanol
		2	1.58560e-1	1089.53992	1.45529e-4			
		3	3.21220e-1	2193.84277	1.46419e-4			
1.741	1	1	1.20000e-2	1555.15979	7.71625e-6	I1		n-Propanol
		2	1.20000e-2	1539.74207	7.79351e-6			
		3	1.20000e-2	1551.32800	7.73531e-6			

13064

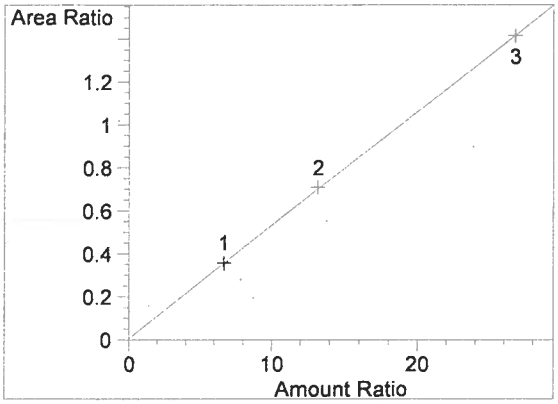
Peak Sum Table

No Entries in table

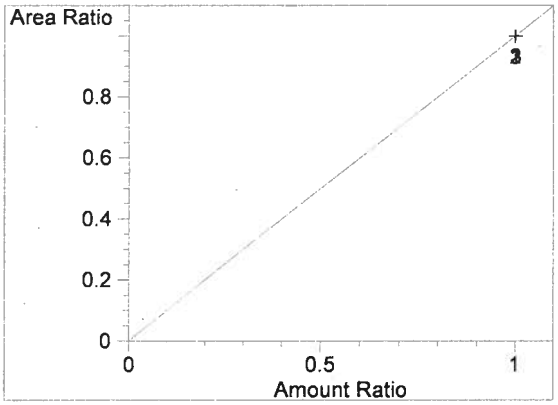
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00599
Formula: y = mx + b
m: 5.27760e-2
b: 4.81713e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.741
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

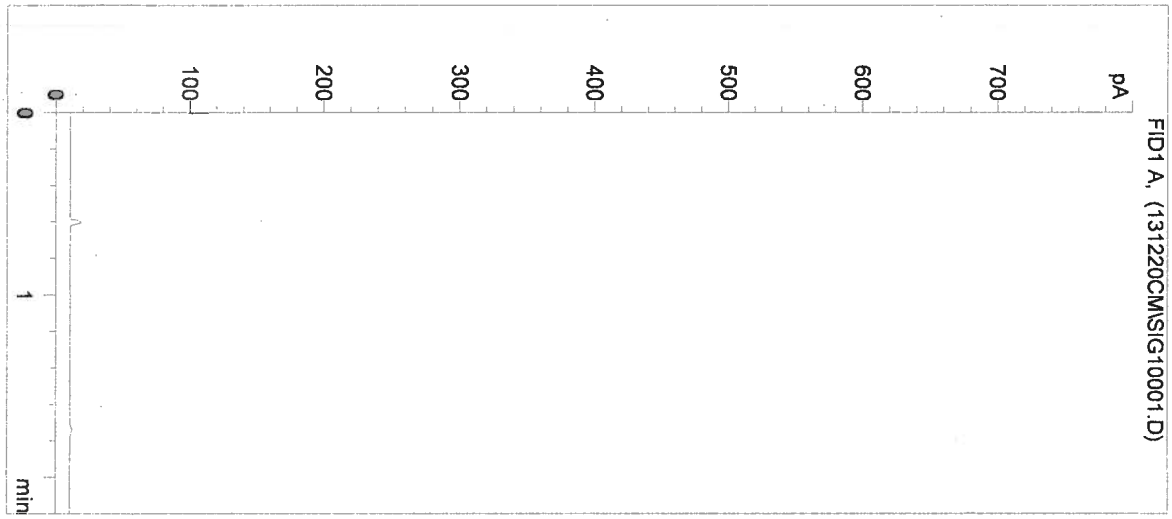
13064

CM

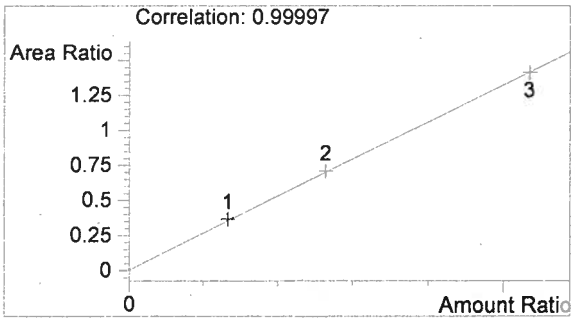
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 1:05:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: BLANK
Operator: Christie Mitchell-Mata
Location: Vial 1

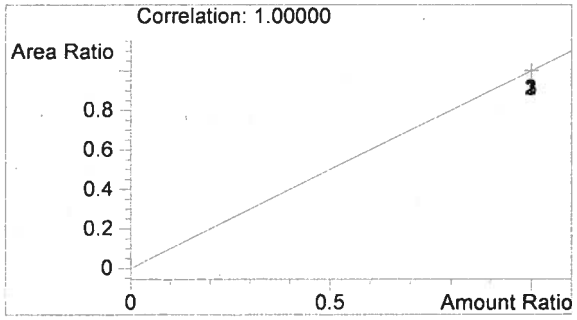


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

13064



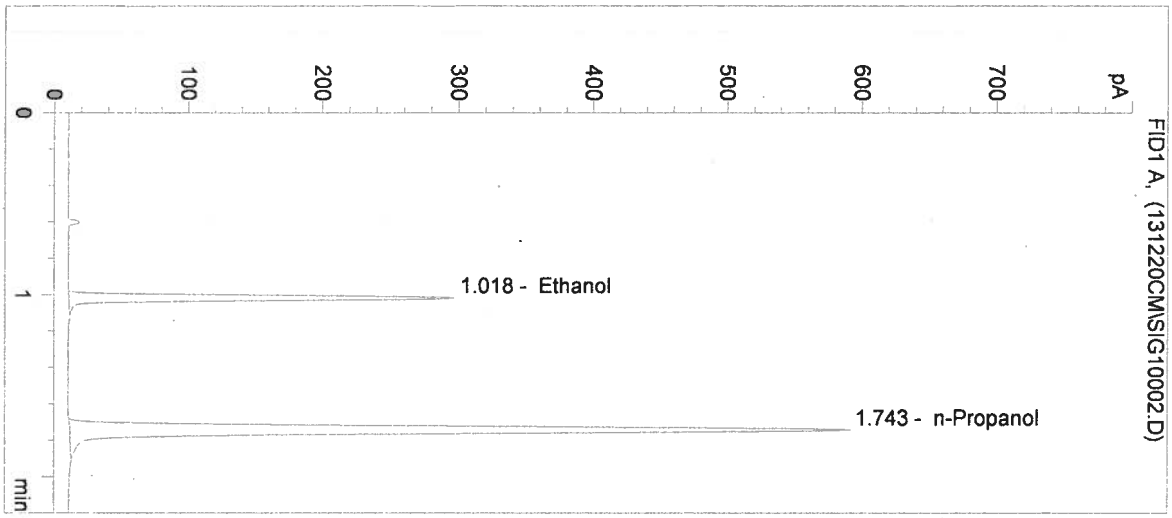
n-Propanol 0.000 g/100mL

CM

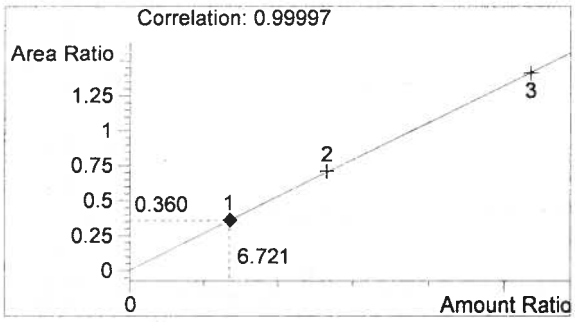
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 1:08:56 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.079 CAL
Operator: Christie Mitchell-Mata
Location: Vial 2

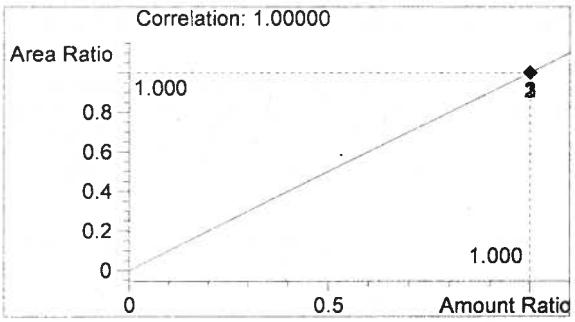


#	Compound	Peak Area	RT (min)
1	Ethanol	559	1.018
2	n-Propanol	1555	1.743



Ethanol 0.081 g/100mL

13064

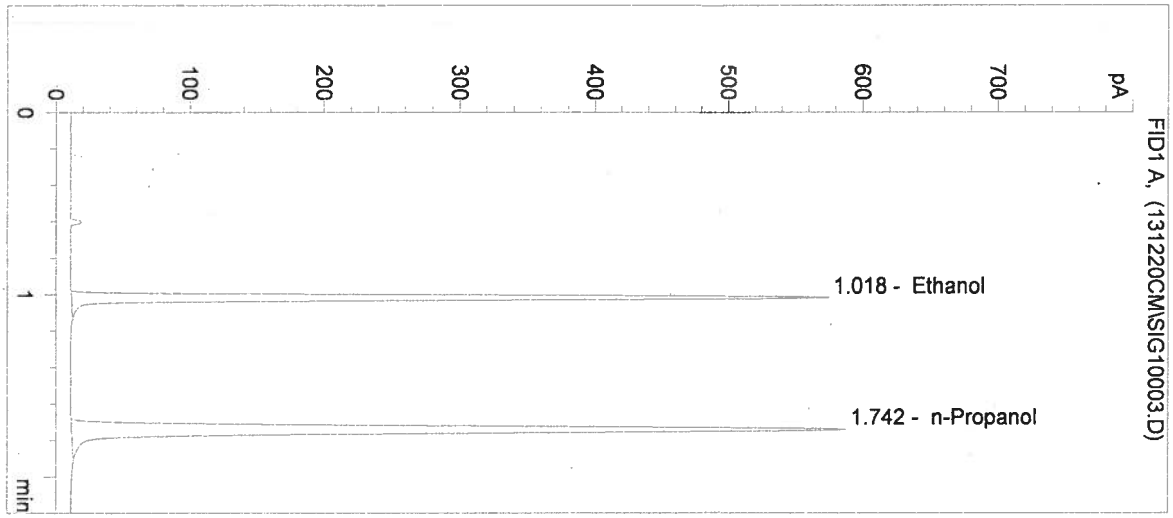


n-Propanol 0.012 g/100mL

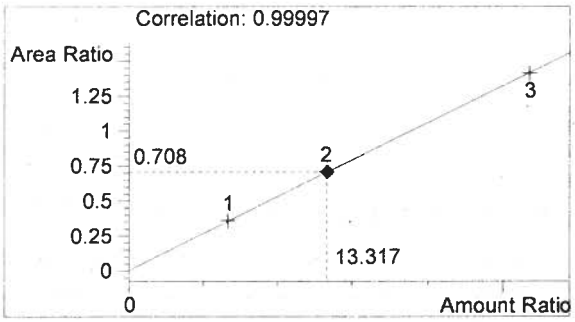
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 1:12:04 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.158 CAL
Operator: Christie Mitchell-Mata
Location: Vial 3

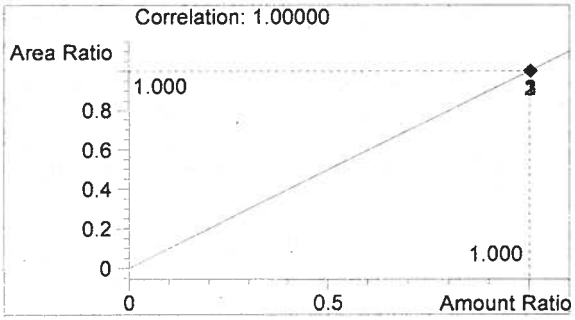


#	Compound	Peak Area	RT (min)
1	Ethanol	1090	1.018
2	n-Propanol	1540	1.742



Ethanol 0.160 g/100mL

13064

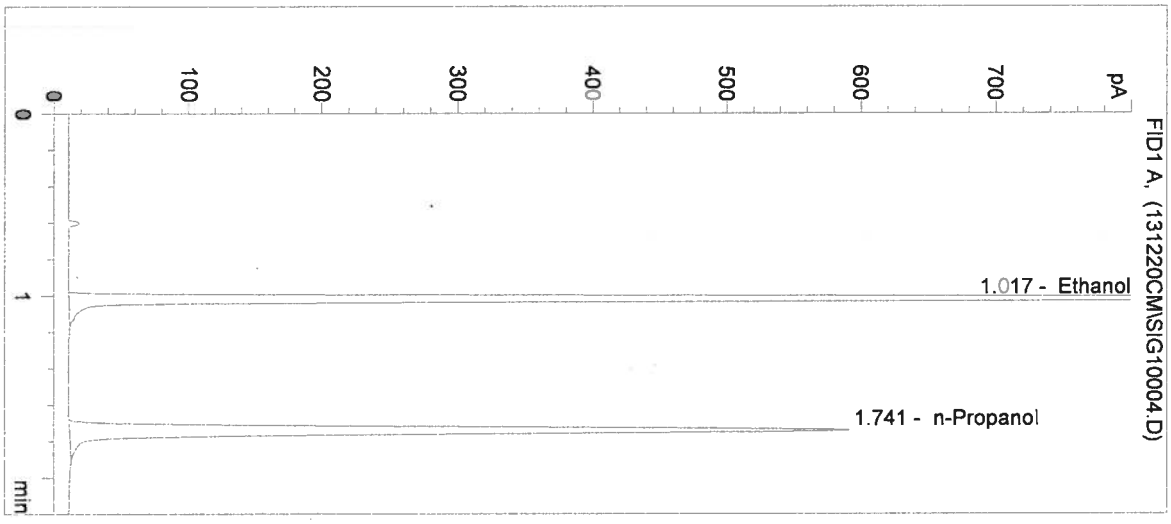


n-Propanol 0.012 g/100mL

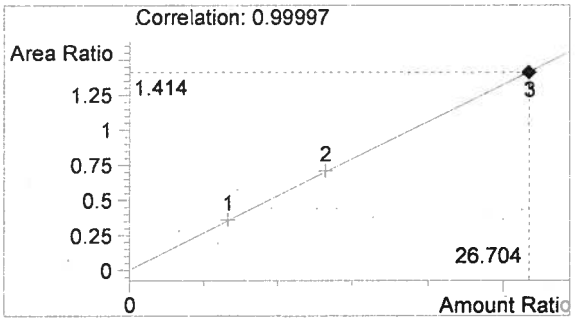
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 1:15:11 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.316 CAL
Operator: Christie Mitchell-Mata
Location: Vial 4

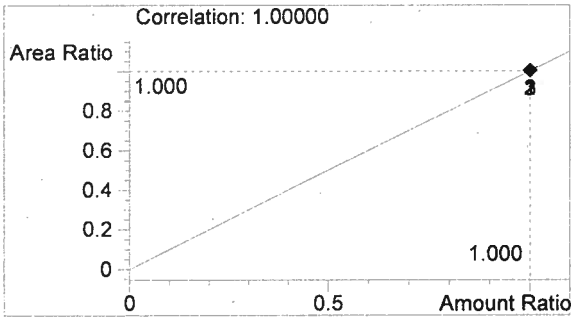


#	Compound	Peak Area	RT (min)
1	Ethanol	2194	1.017
2	n-Propanol	1551	1.741



Ethanol 0.320 g/100mL

13064



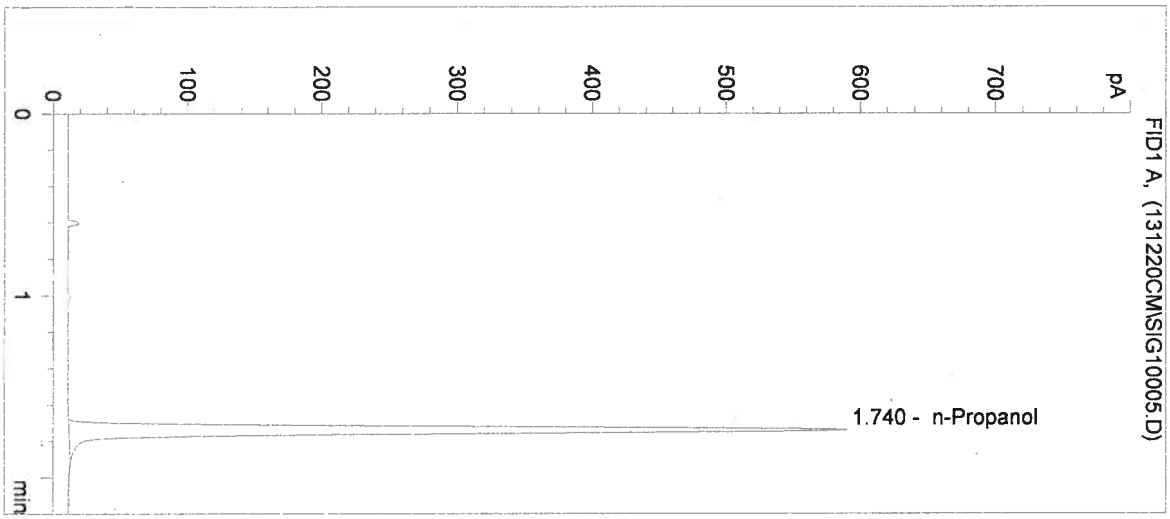
n-Propanol 0.012 g/100mL

CM

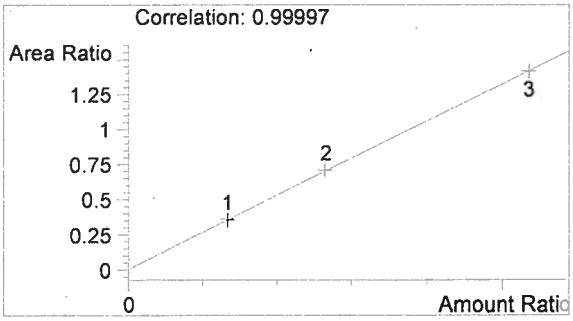
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 1:18:19 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 5

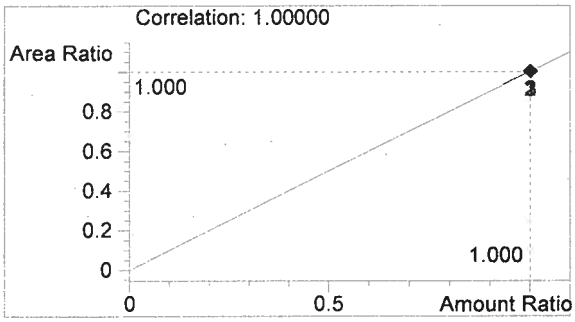


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1549	1.740



Ethanol 0.000 g/100mL

13064

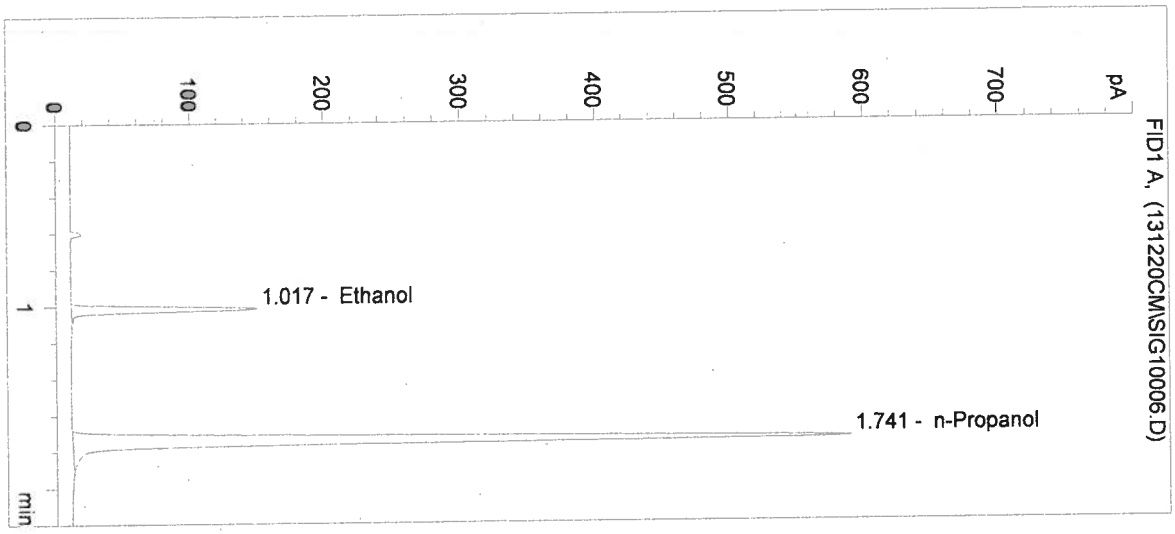


n-Propanol 0.012 g/100mL

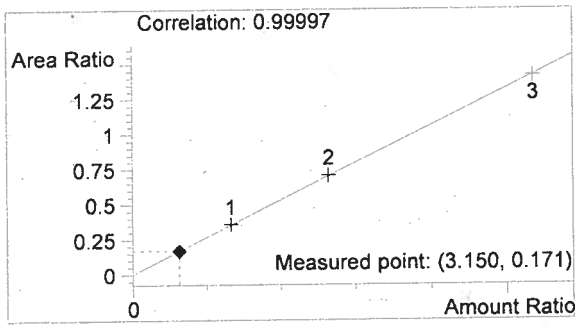
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 1:21:26 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.04 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 6

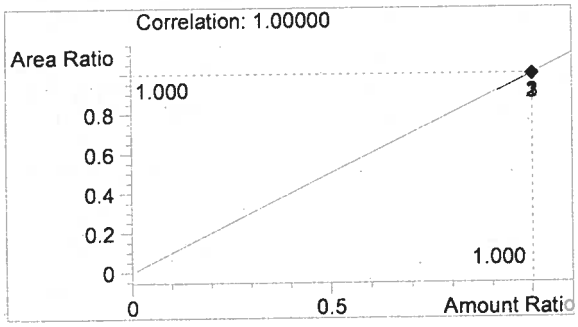


#	Compound	Peak Area	RT (min)
1	Ethanol	264	1.017
2	n-Propanol	1544	1.741



Ethanol 0.038 g/100mL

13064



n-Propanol 0.012 g/100mL

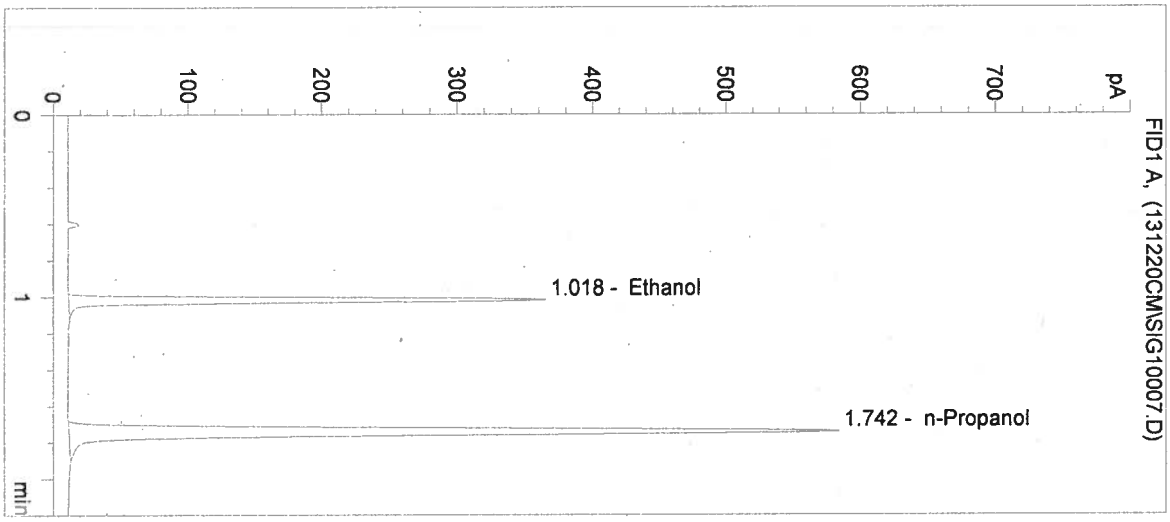
Data File: C:\HPCHEM\2\DATA\131220CM\SIG10006.D

CM

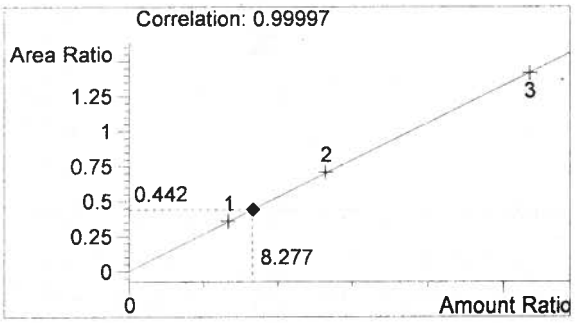
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 1:24:34 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 7

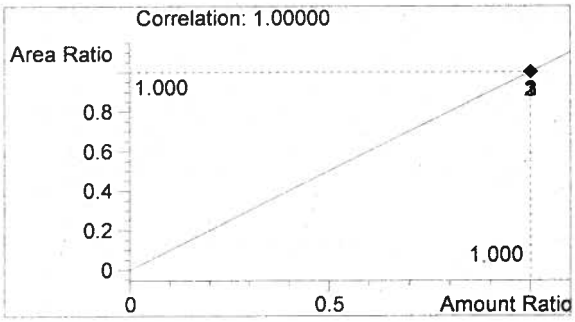


#	Compound	Peak Area	RT (min)
1	Ethanol	674	1.018
2	n-Propanol	1526	1.742



Ethanol 0.099 g/100mL

13064

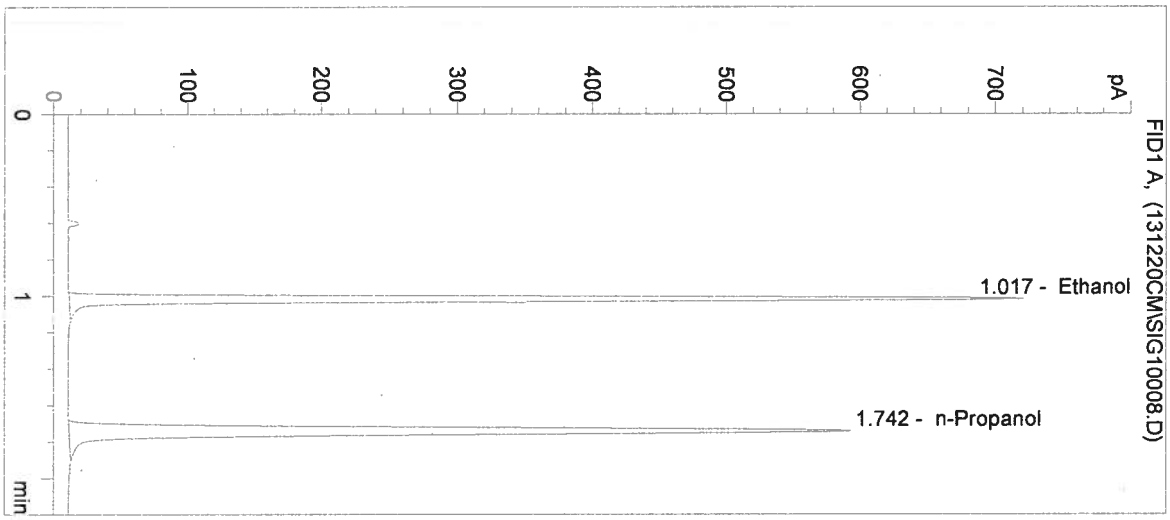


n-Propanol 0.012 g/100mL

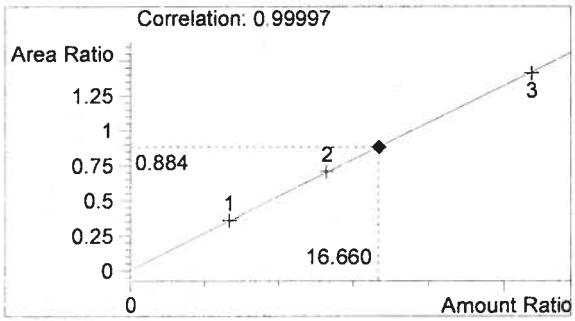
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 1:27:41 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.20 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 8

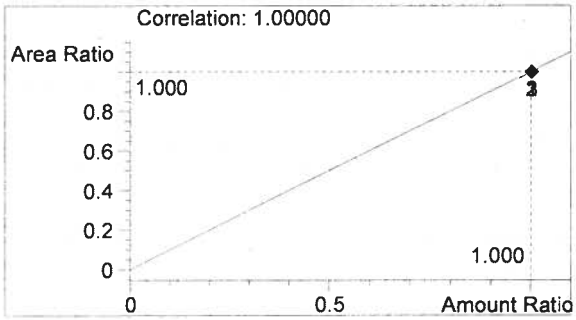


#	Compound	Peak Area	RT (min)
1	Ethanol	1377	1.017
2	n-Propanol	1557	1.742



Ethanol 0.200 g/100mL

13064



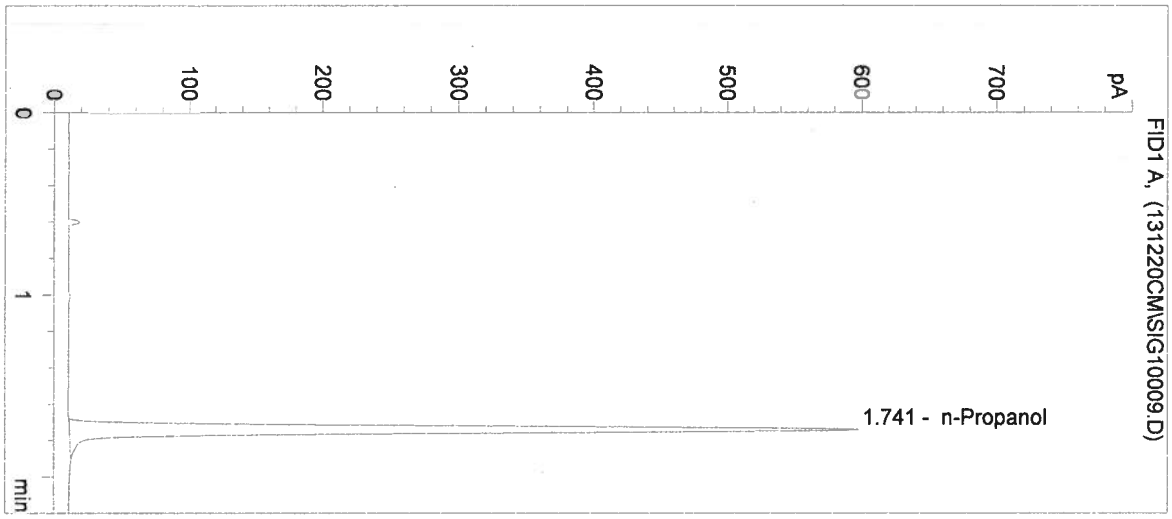
n-Propanol 0.012 g/100mL

CM

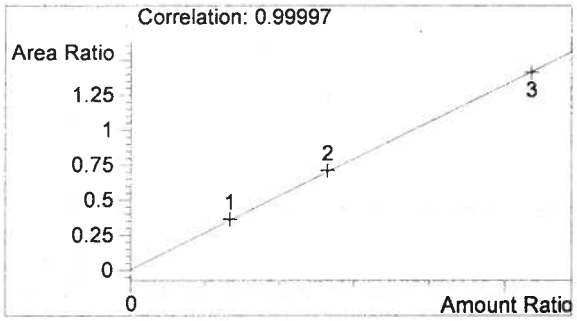
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 1:30:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 9

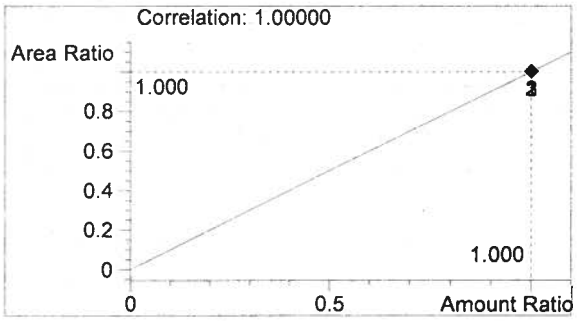


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1572	1.741



Ethanol 0.000 g/100mL

13064

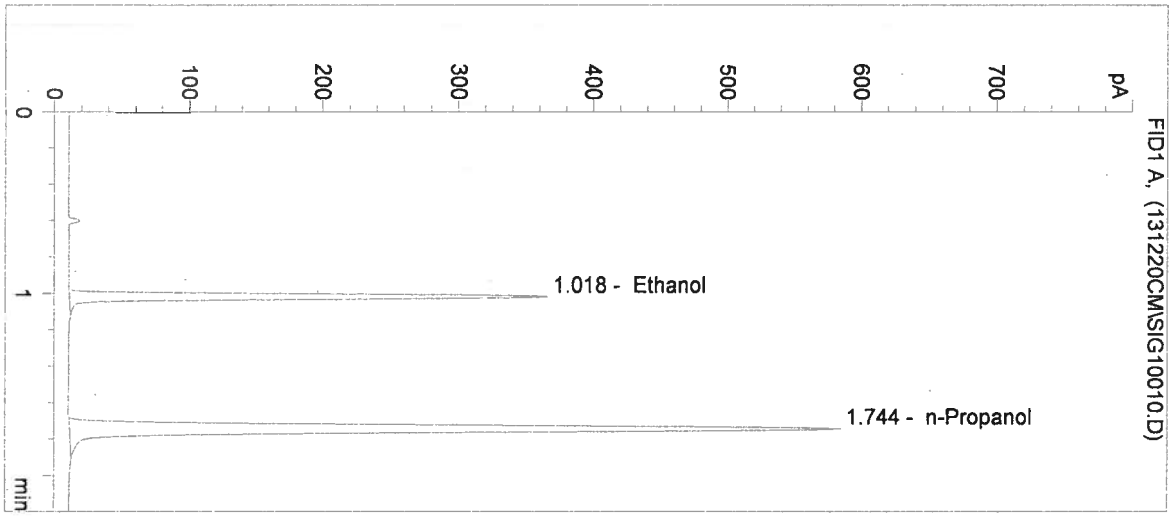


n-Propanol 0.012 g/100mL

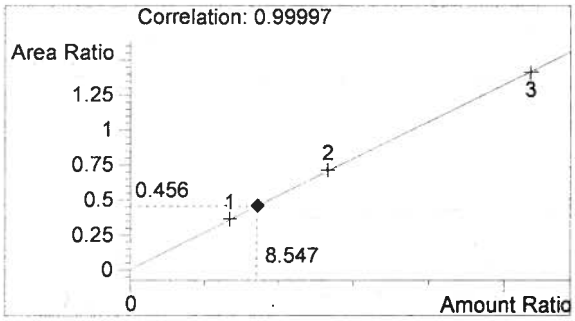
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 1:33:56 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

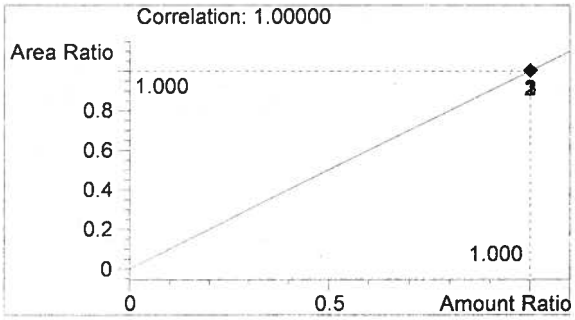
Sample Name: 13064 #1
Operator: Christie Mitchell-Mata
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.018
2	n-Propanol	1538	1.744



Ethanol 0.103 g/100mL

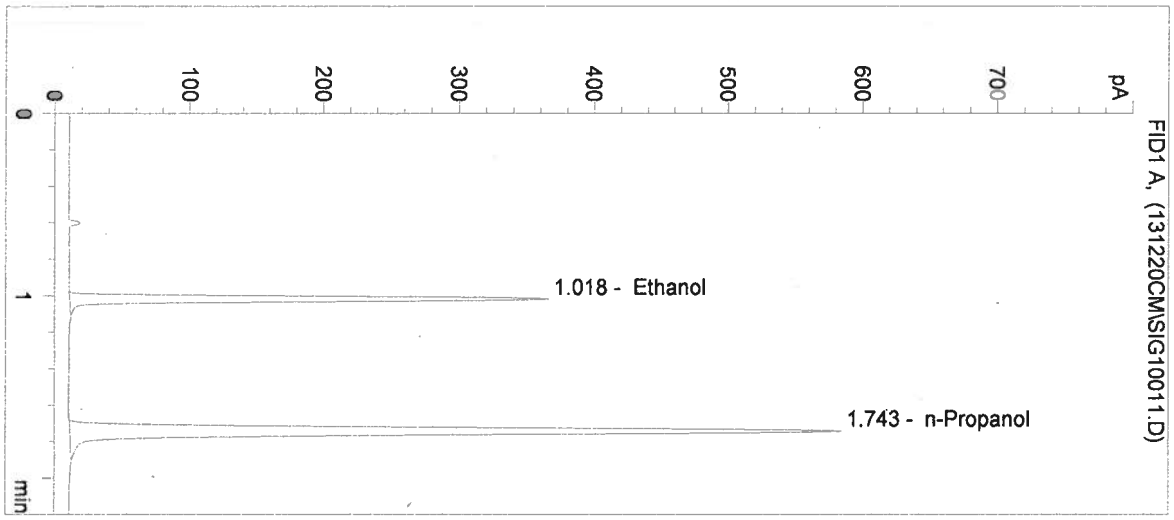


n-Propanol 0.012 g/100mL

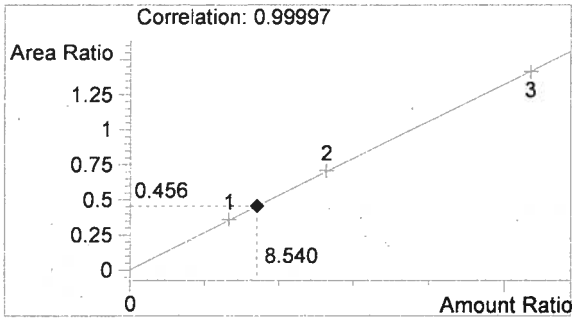
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 1:37:04 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

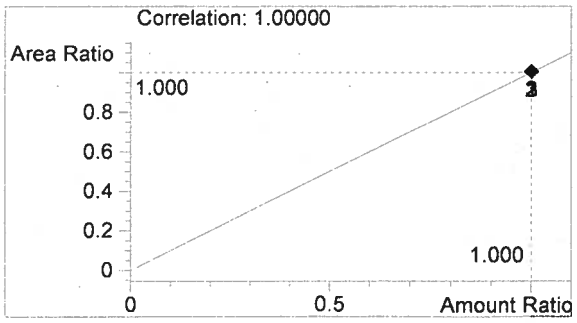
Sample Name: 13064 #2
Operator: Christie Mitchell-Mata
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.018
2	n-Propanol	1539	1.743



Ethanol 0.102 g/100mL

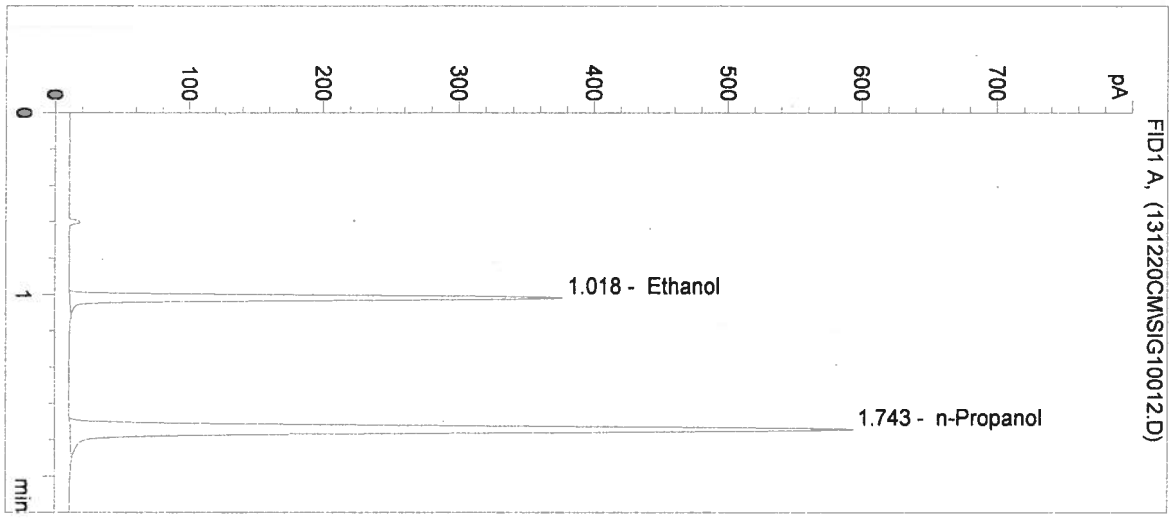


n-Propanol 0.012 g/100mL

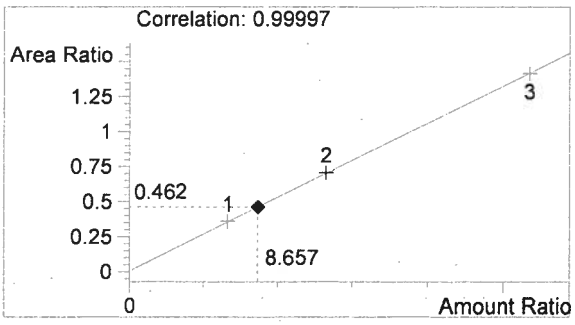
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 1:40:11 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

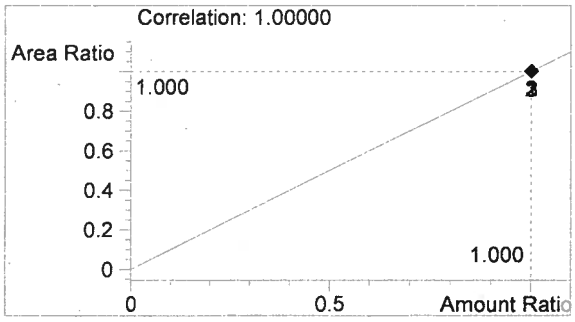
Sample Name: 13064 #3
Operator: Christie Mitchell-Mata
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	720	1.018
2	n-Propanol	1559	1.743



Ethanol 0.104 g/100mL

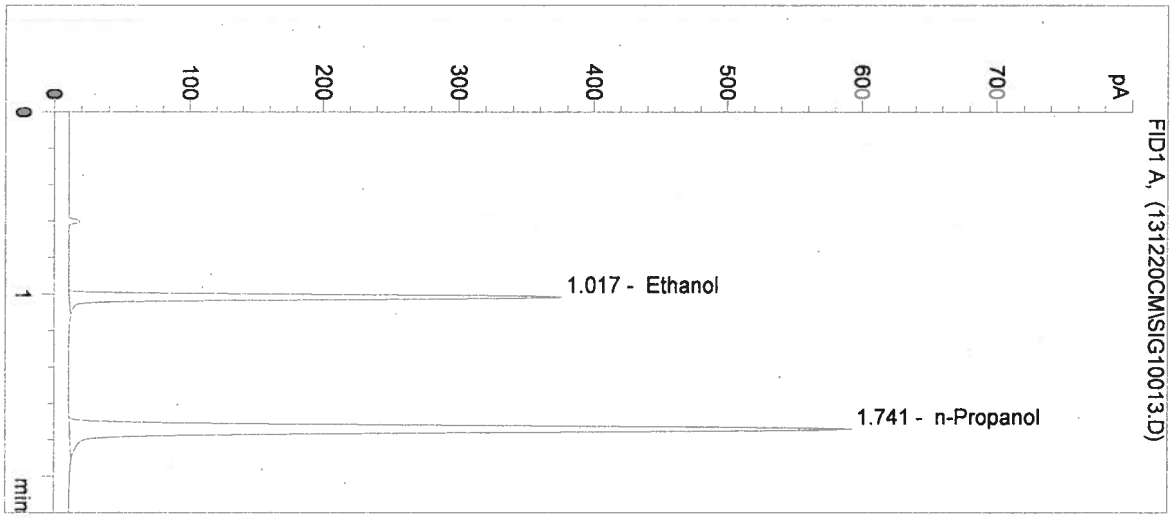


n-Propanol 0.012 g/100mL

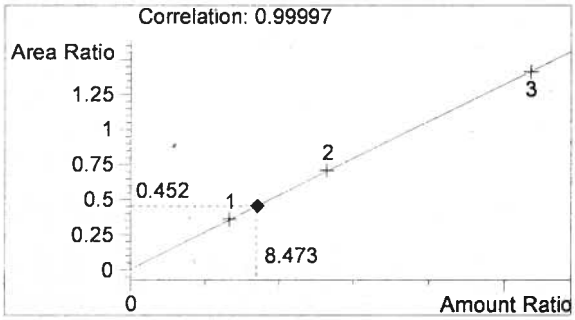
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 1:43:19 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

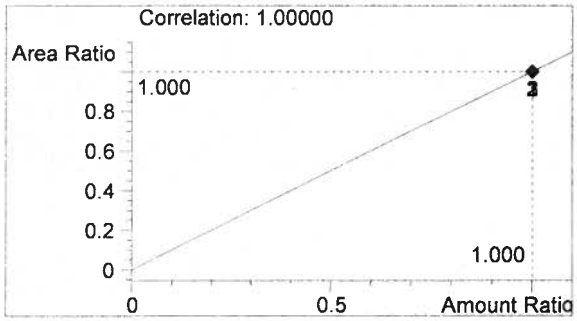
Sample Name: 13064 #4
Operator: Christie Mitchell-Mata
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	705	1.017
2	n-Propanol	1559	1.741



Ethanol 0.102 g/100mL

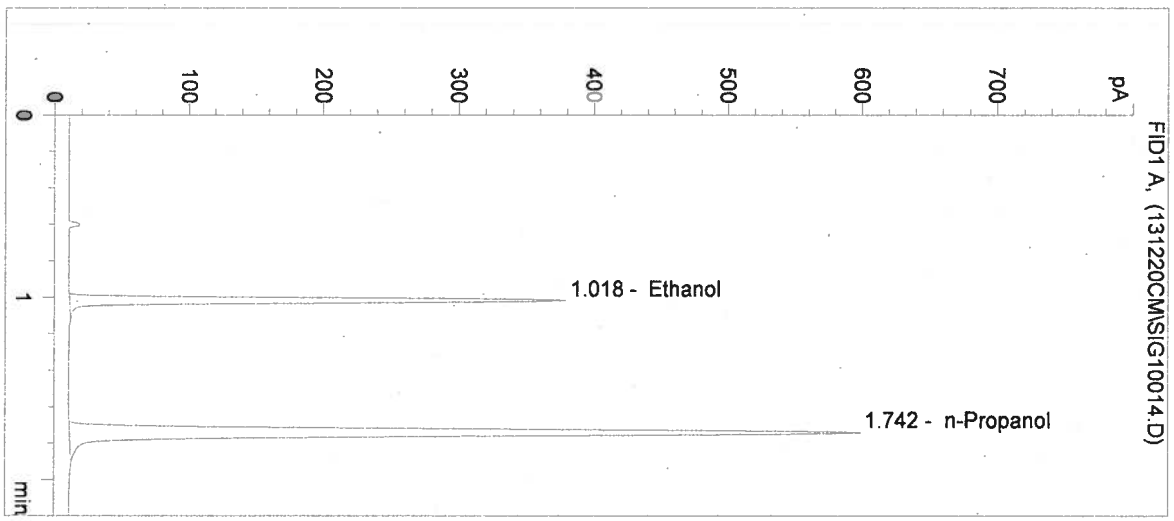


n-Propanol 0.012 g/100mL

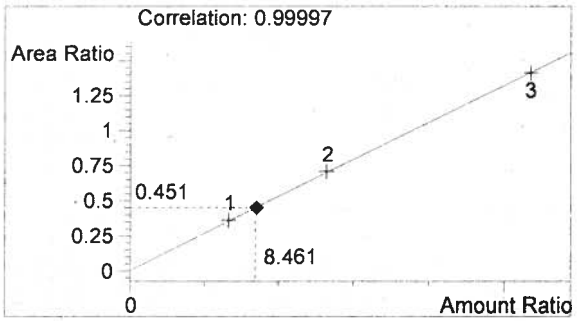
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 1:46:26 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

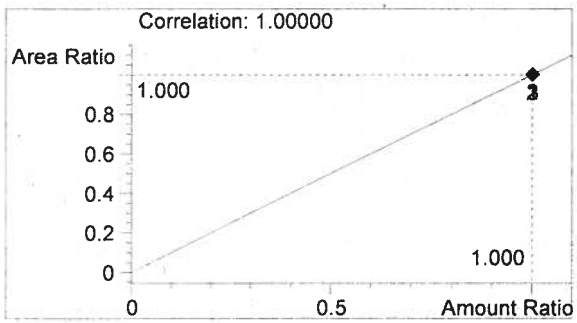
Sample Name: 13064 #5
Operator: Christie Mitchell-Mata
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	708	1.018
2	n-Propanol	1569	1.742



Ethanol 0.102 g/100mL

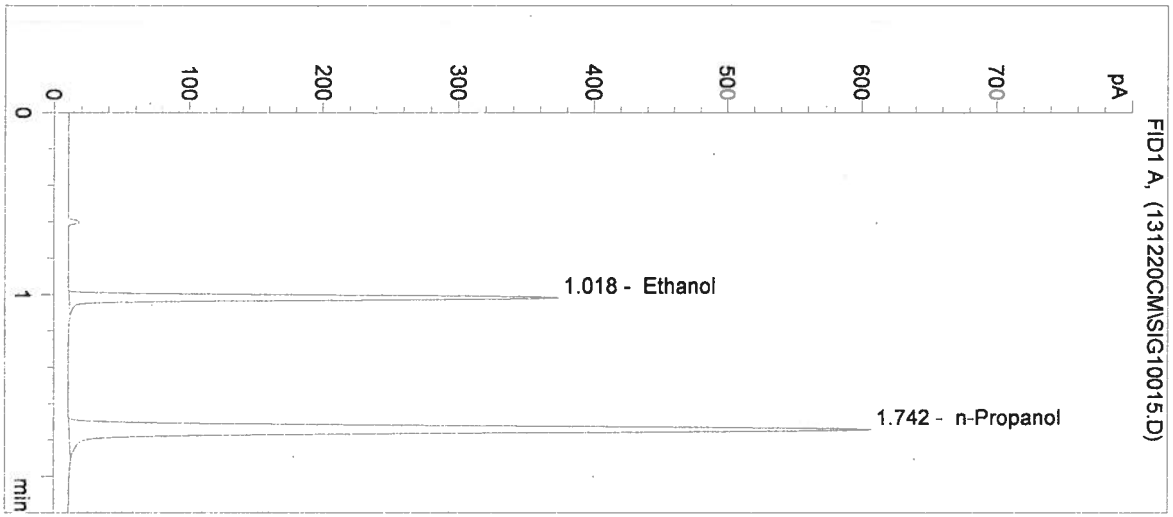


n-Propanol 0.012 g/100mL

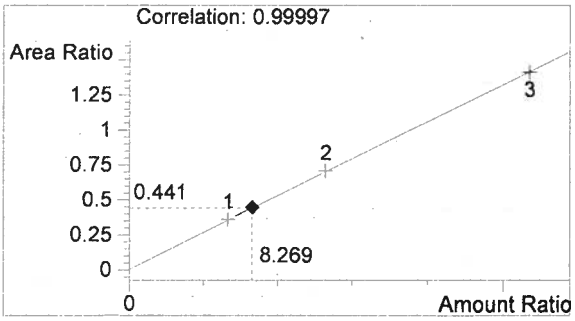
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 1:49:34 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

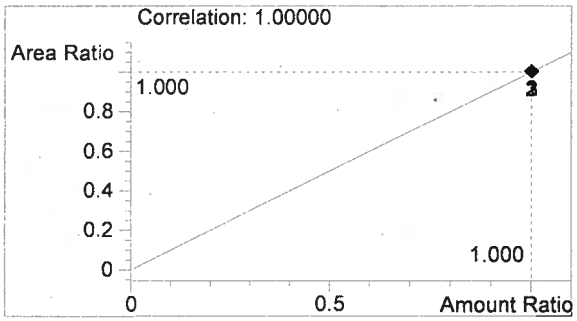
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	704	1.018
2	n-Propanol	1596	1.742



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

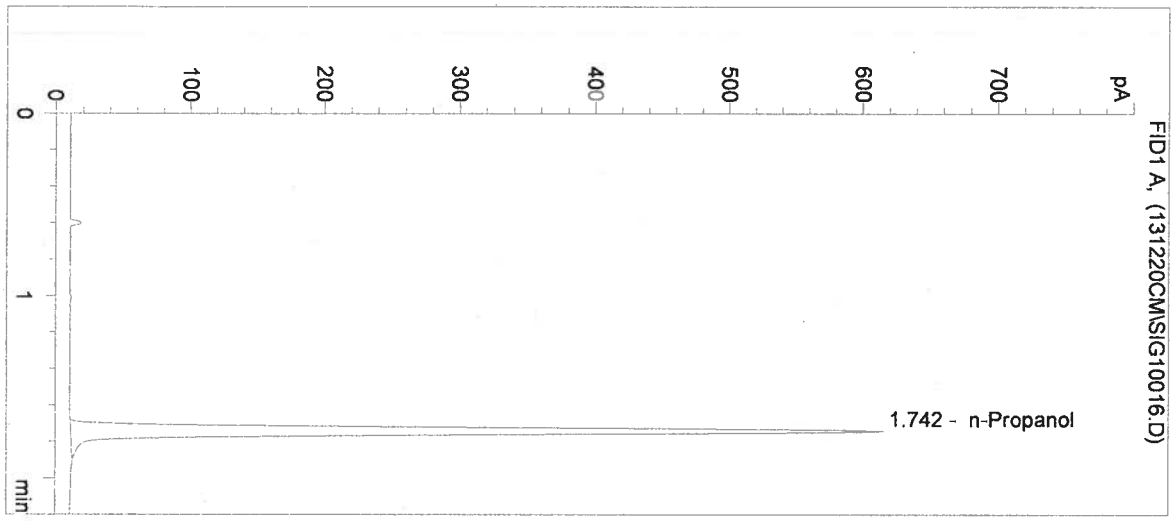
13064

Data File: C:\HPCHEM\2\DATA\131220CM\SIG10015.D

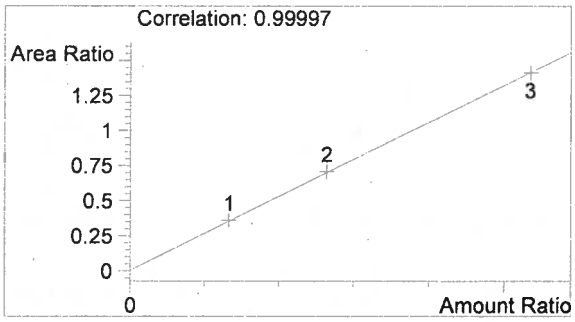
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 1:52:41 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

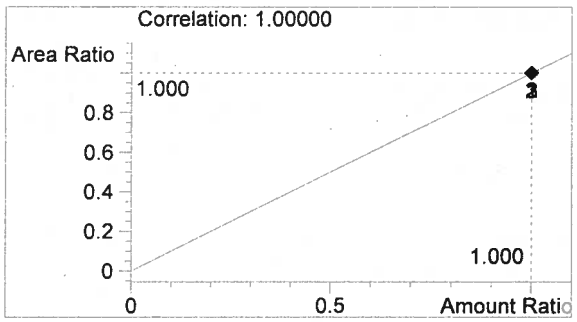
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1616	1.742



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13064

Data File: C:\HPCHEM\2\DATA\131220CM\SIG10016.D

Sequence Parameters:

Operator:	Sarah Swenson
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:	131220SS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 Calibrator 1 - Lot# E1213-01 - Exp. 6/3/2014
0.158 Calibrator 2 - Lot# E1213-02 - Exp. 6/3/2014
0.316 Calibrator 3 - Lot# E1213-03 - Exp. 6/3/2014
0.04 Control 1 - Lot# FN120110-04 - Exp. 12/2015
0.10 Control 2 - Lot# A095230 - Exp. 09/2017
0.20 Control 3 - Lot# FN100511-01 - Exp. 10/2016
n-Propanol ISTD - Lot# P1113 - Exp. 02/14/2014

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	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	13064 #1	SIMALC3	1	Sample		
11	Vial 11	13064 #2	SIMALC3	1	Sample		
12	Vial 12	13064 #3	SIMALC3	1	Sample		
13	Vial 13	13064 #4	SIMALC3	1	Sample		
14	Vial 14	13064 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	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	

SMS

Sequence: C:\HPCHEM\2\SEQUENCE\SSEXTSTD.S

Sequence Table (Back Injector):

No entries - empty table!

13064

Calibration Table

Calib. Data Modified : Friday, December 20, 2013 2:23:47 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

13064

Signal 1: FID1 A,

RetTime [min]	Lvl	Sig	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.017	1	1	8.00300e-2	549.43427	1.45659e-4	1		Ethanol
		2	1.58560e-1	1119.67200	1.41613e-4			
		3	3.21220e-1	2201.10229	1.45936e-4			
1.740	1	1	1.20000e-2	1541.81445	7.78304e-6	I1		n-Propanol
		2	1.20000e-2	1569.91174	7.64374e-6			
		3	1.20000e-2	1566.41064	7.66083e-6			

Peak Sum Table

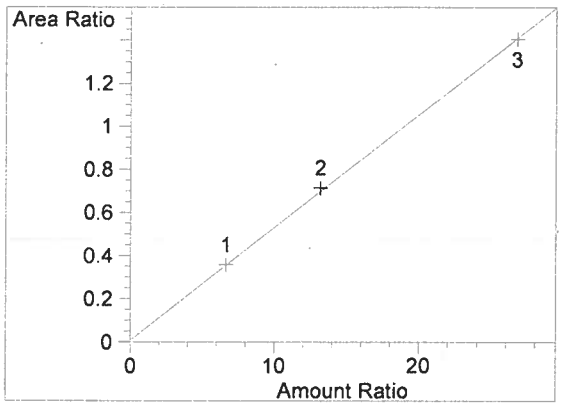
No Entries in table

SMS

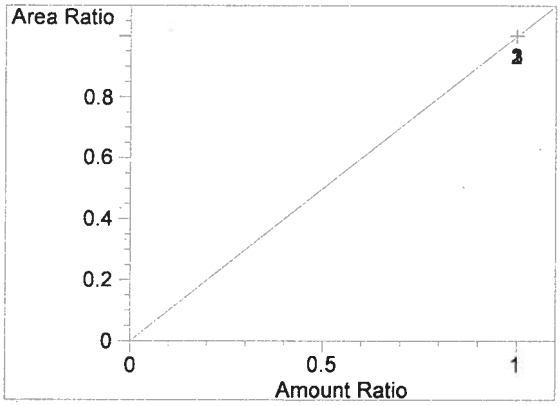
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99988
Residual Std. Dev.: 0.01131
Formula: y = mx + b
m: 5.24921e-2
b: 6.48746e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.740
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

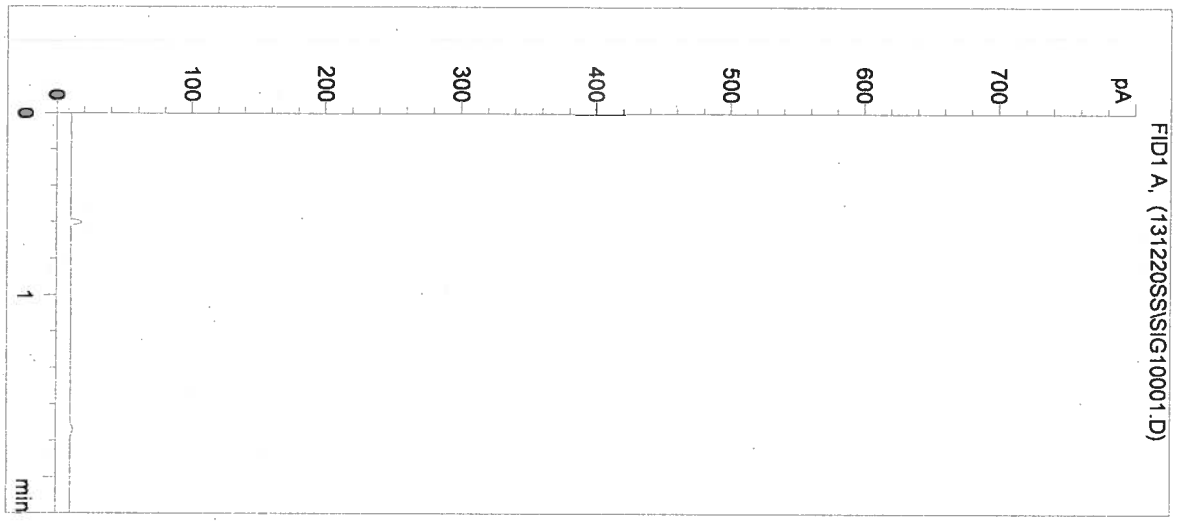
13064

SMS

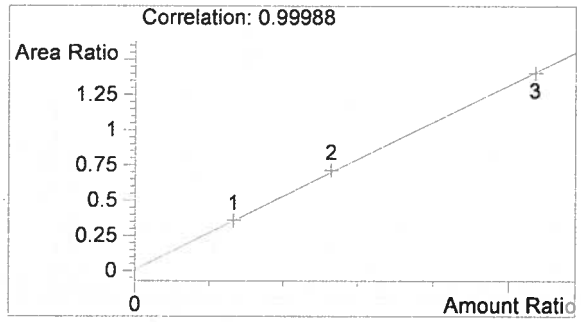
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 2:12:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: BLANK
Operator: Sarah Swenson
Location: Vial 1

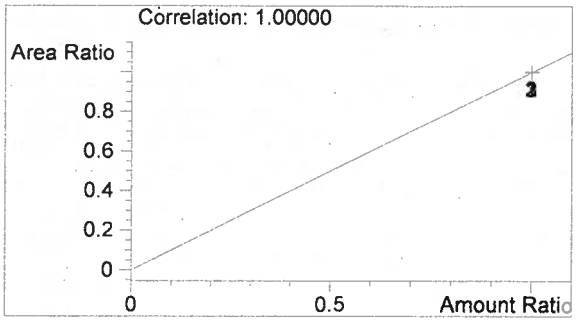


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

13064



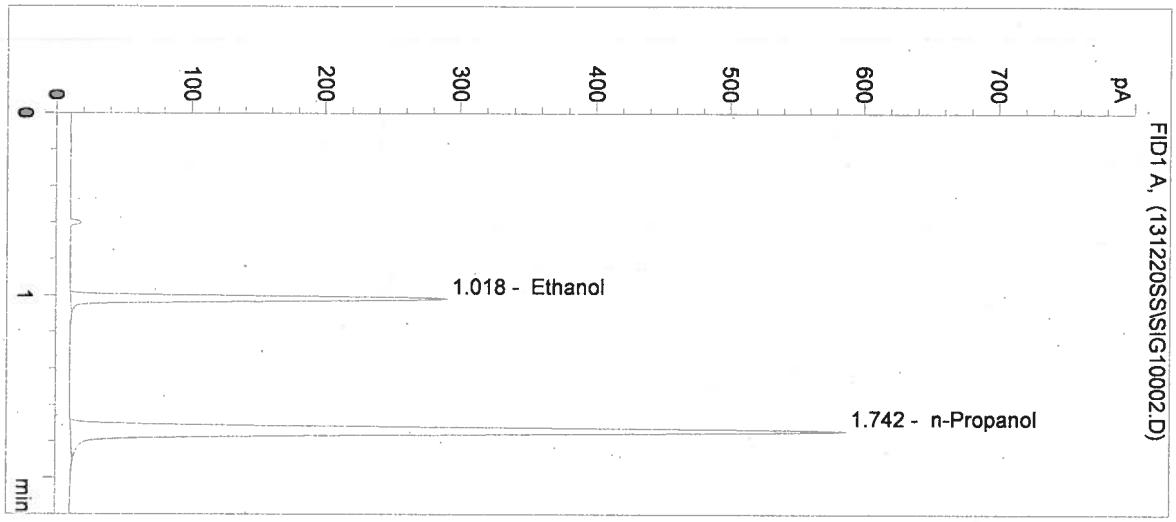
n-Propanol 0.000 g/100mL

SMS

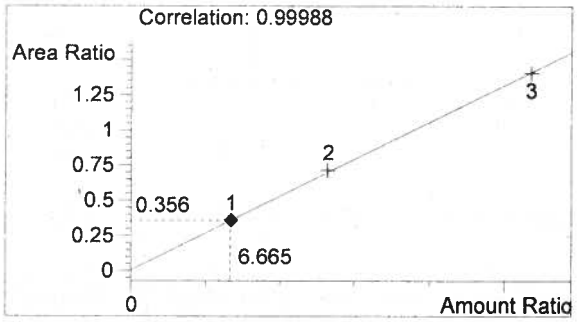
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 2:15:20 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: CAL1 0.079
Operator: Sarah Swenson
Location: Vial 2

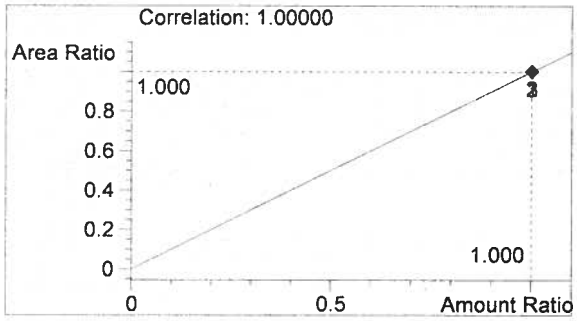


#	Compound	Peak Area	RT (min)
1	Ethanol	549	1.018
2	n-Propanol	1542	1.742



Ethanol 0.080 g/100mL

13064



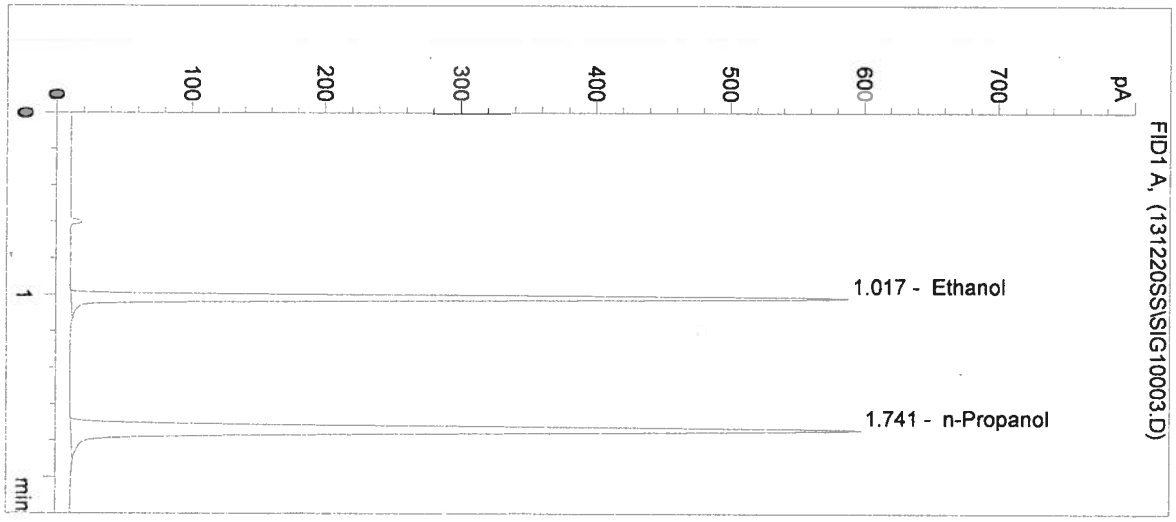
n-Propanol 0.012 g/100mL

SMS

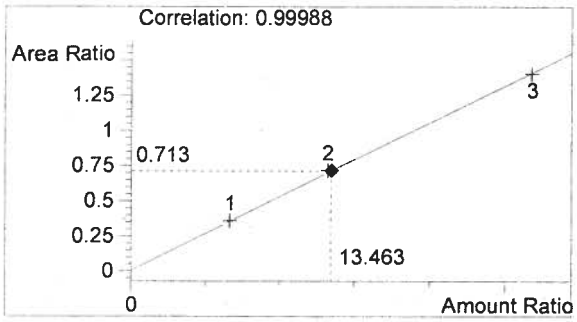
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 2:18:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: CAL2 0.158
Operator: Sarah Swenson
Location: Vial 3

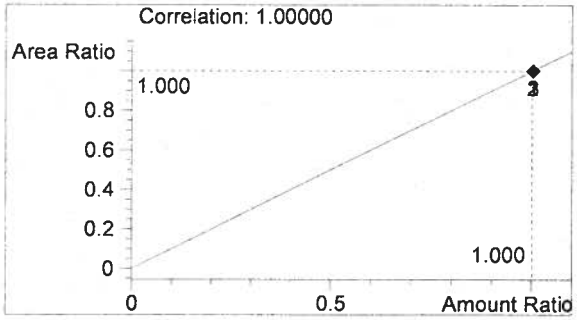


#	Compound	Peak Area	RT (min)
1	Ethanol	1120	1.017
2	n-Propanol	1570	1.741



Ethanol 0.162 g/100mL

13064



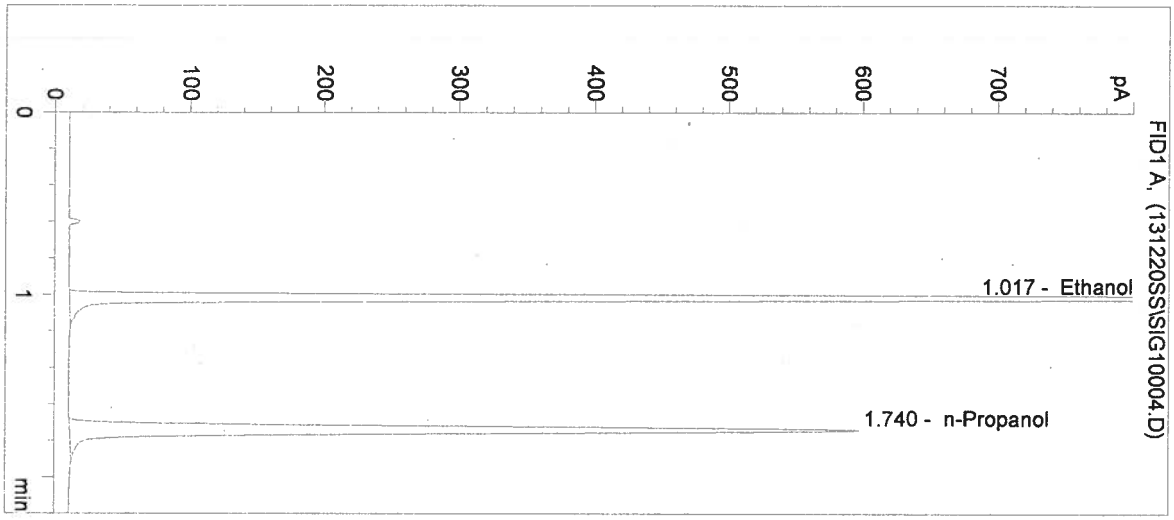
n-Propanol 0.012 g/100mL

SMS

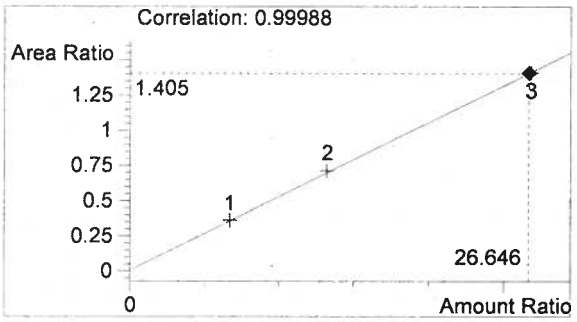
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 2:21:34 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: CAL3 0.316
Operator: Sarah Swenson
Location: Vial 4

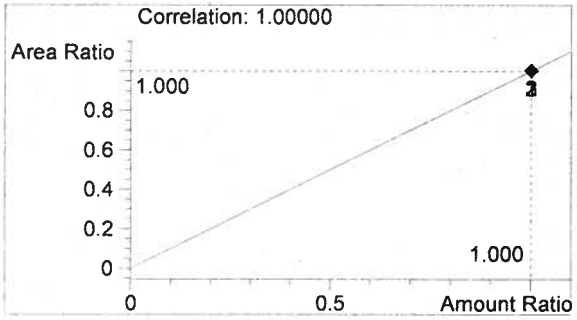


#	Compound	Peak Area	RT (min)
1	Ethanol	2201	1.017
2	n-Propanol	1566	1.740



Ethanol 0.320 g/100mL

13064



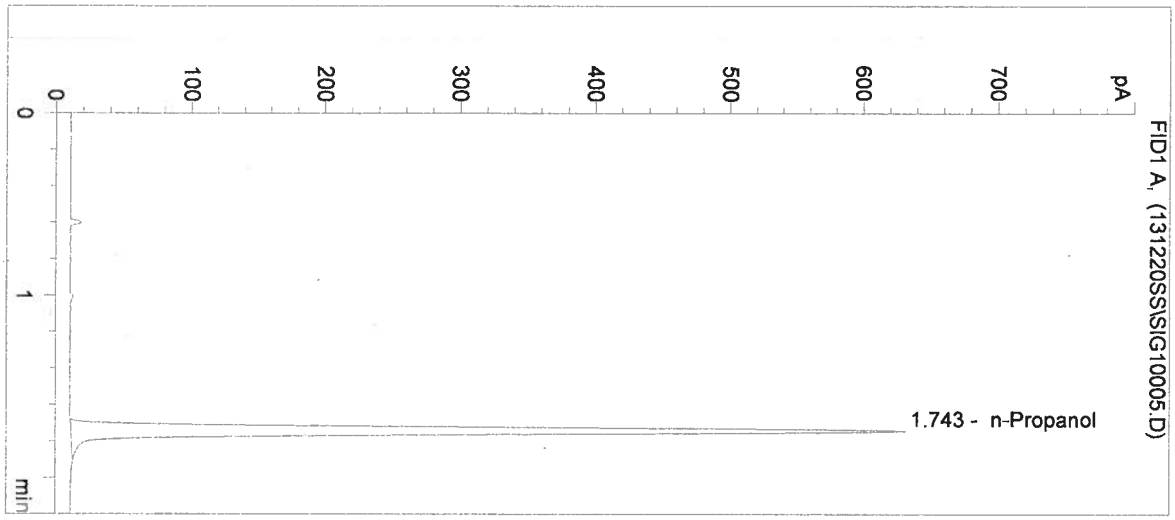
n-Propanol 0.012 g/100mL

SYS

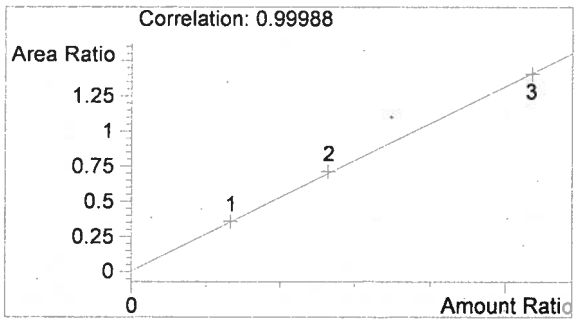
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 2:24:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 5

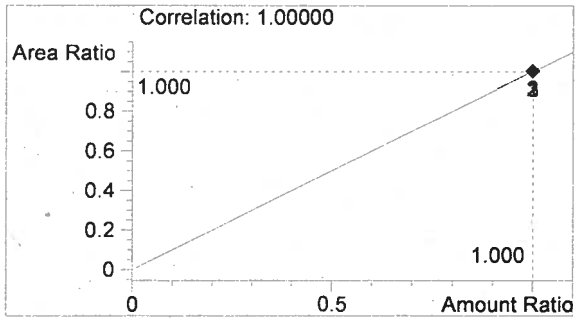


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1662	1.743



Ethanol 0.000 g/100mL

13064



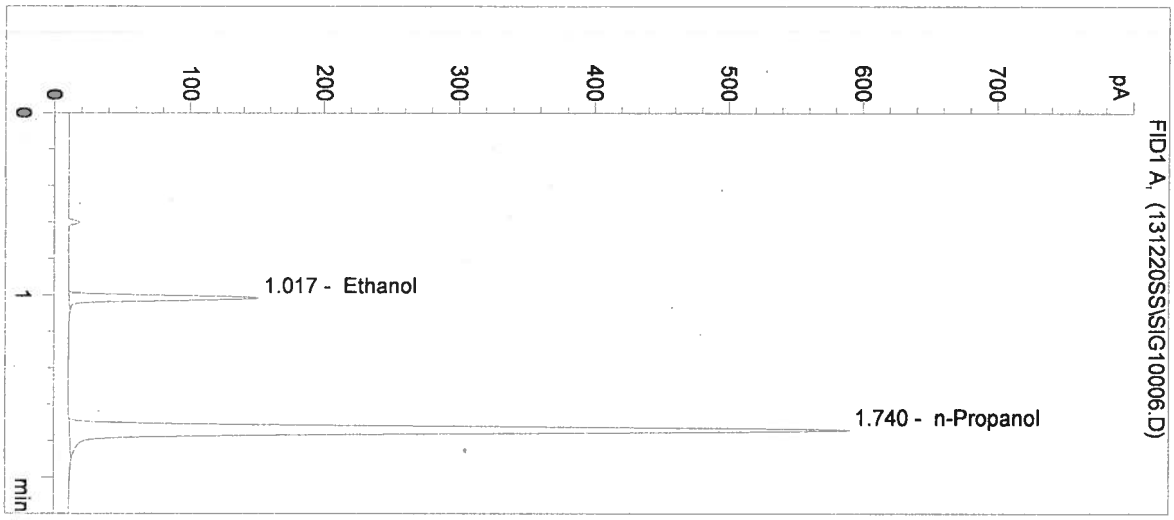
n-Propanol 0.012 g/100mL

SMS

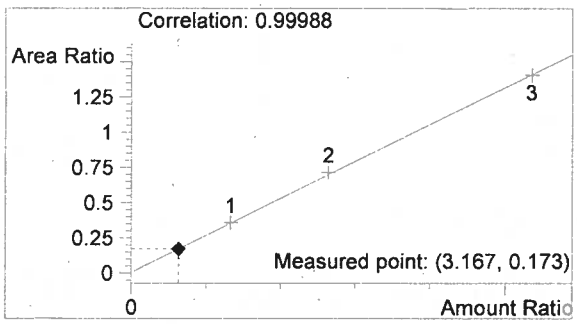
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 2:27:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.04 CTRL
Operator: Sarah Swenson
Location: Vial 6

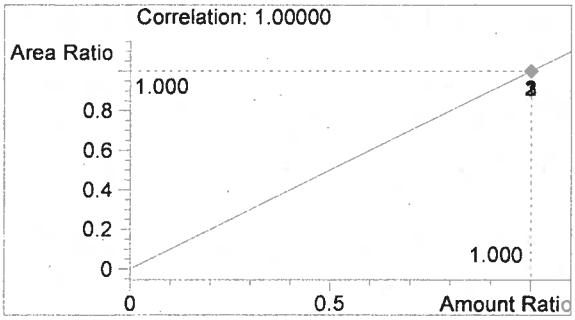


#	Compound	Peak Area	RT (min)
1	Ethanol	267	1.017
2	n-Propanol	1546	1.740



Ethanol 0.038 g/100mL

13064



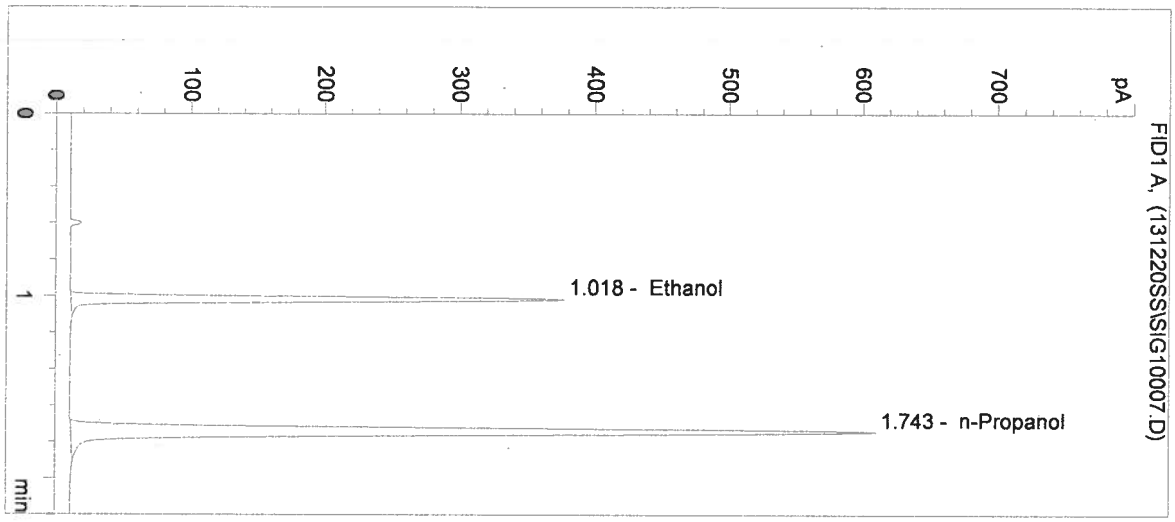
n-Propanol 0.012 g/100mL

SMS

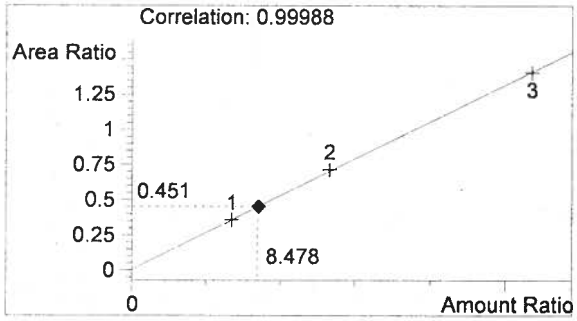
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 2:30:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.10 CTRL
Operator: Sarah Swenson
Location: Vial 7

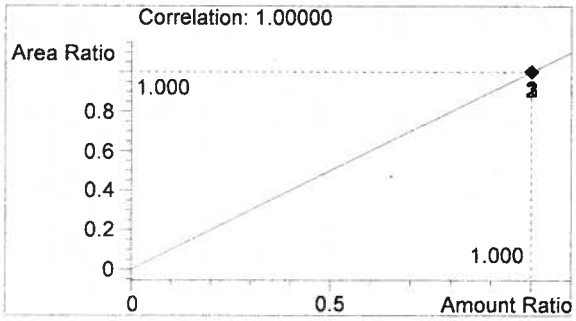


#	Compound	Peak Area	RT (min)
1	Ethanol	726	1.018
2	n-Propanol	1607	1.743



Ethanol 0.102 g/100mL

13064



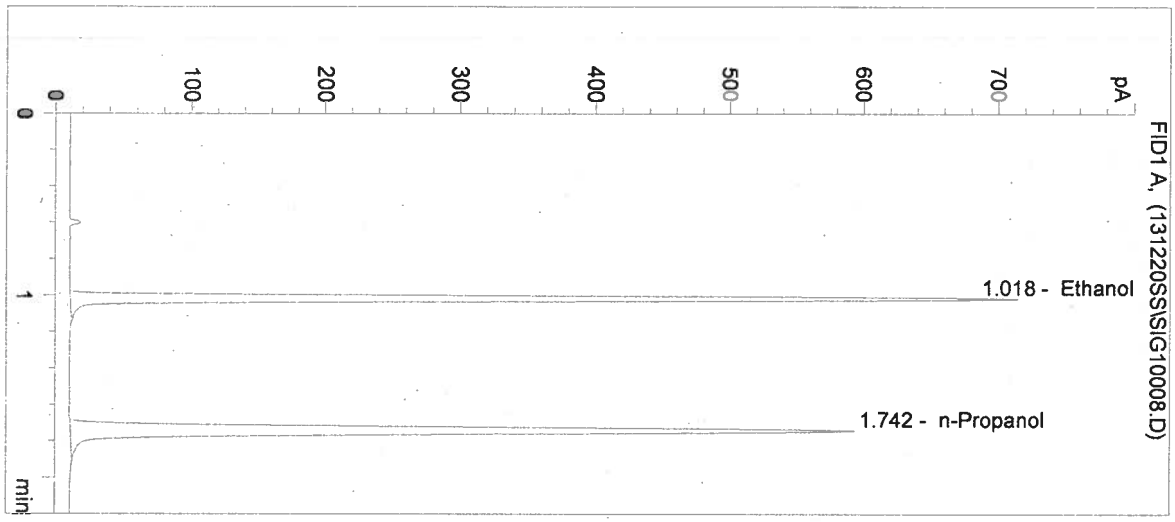
n-Propanol 0.012 g/100mL

SMS

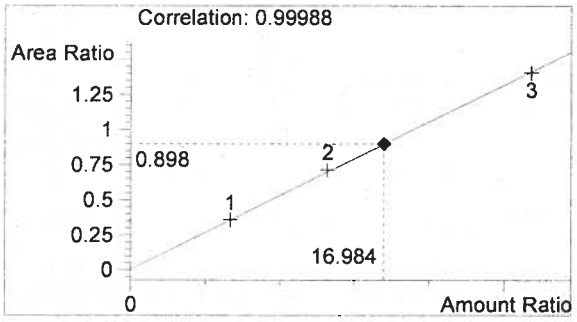
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 2:34:05 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.20 CTRL
Operator: Sarah Swenson
Location: Vial 8

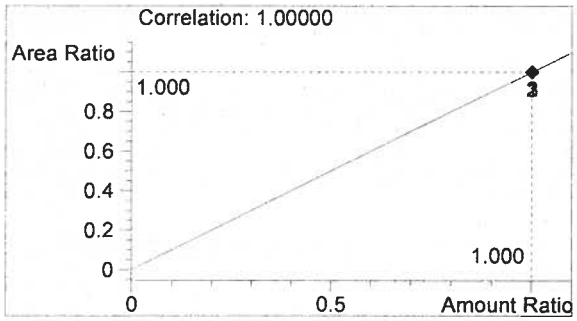


#	Compound	Peak Area	RT (min)
1	Ethanol	1402	1.018
2	n-Propanol	1561	1.742



Ethanol 0.204 g/100mL

13064



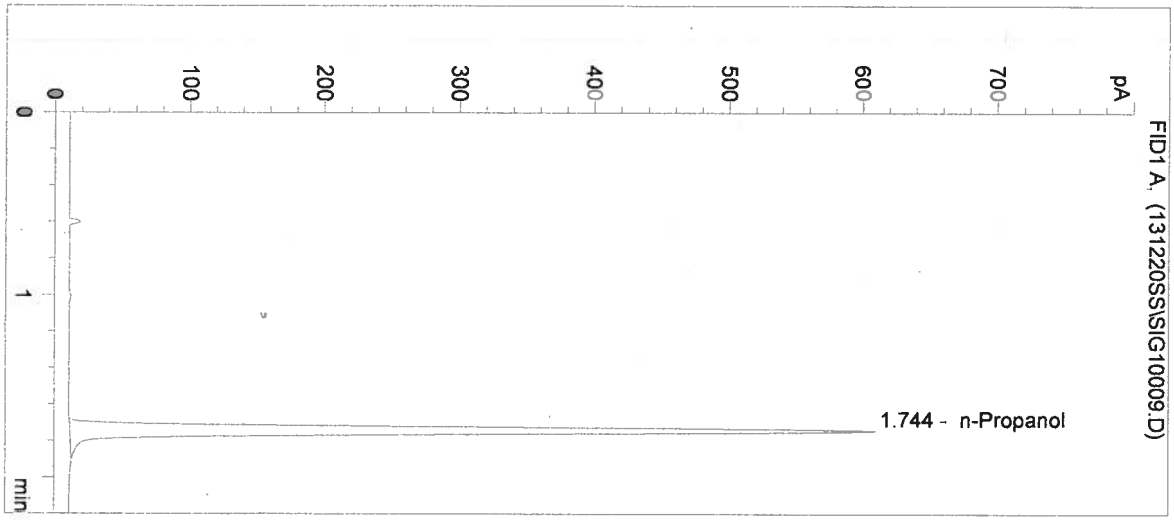
n-Propanol 0.012 g/100mL

SMS

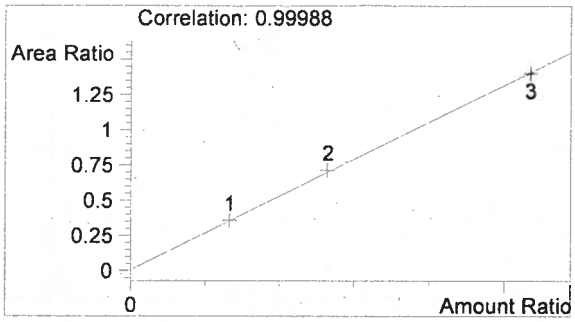
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 2:37:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 9

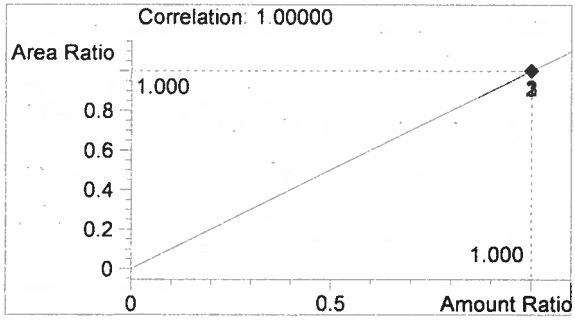


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1604	1.744



Ethanol 0.000 g/100mL

13064



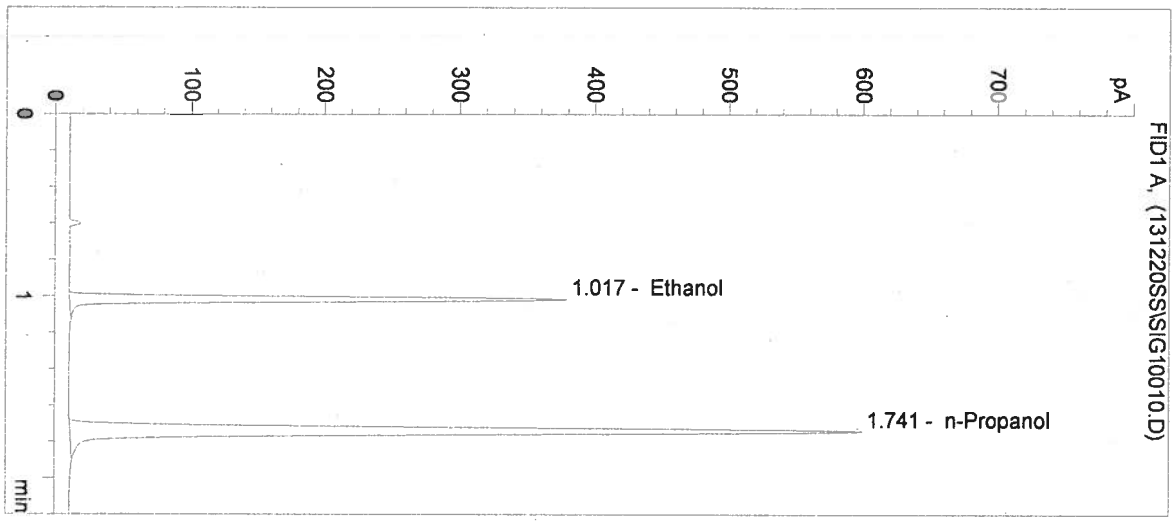
n-Propanol 0.012 g/100mL

SMS

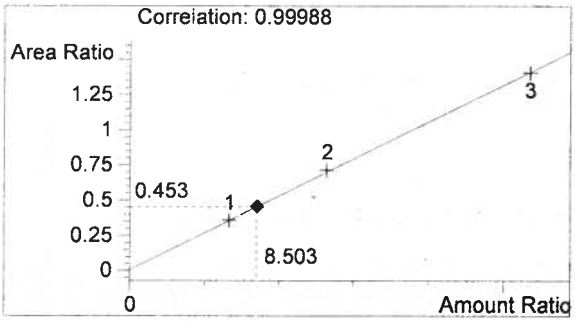
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 2:40:19 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

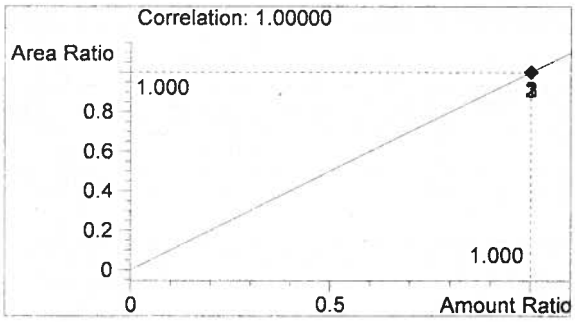
Sample Name: 13064 #1
Operator: Sarah Swenson
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	713	1.017
2	n-Propanol	1574	1.741



Ethanol 0.102 g/100mL



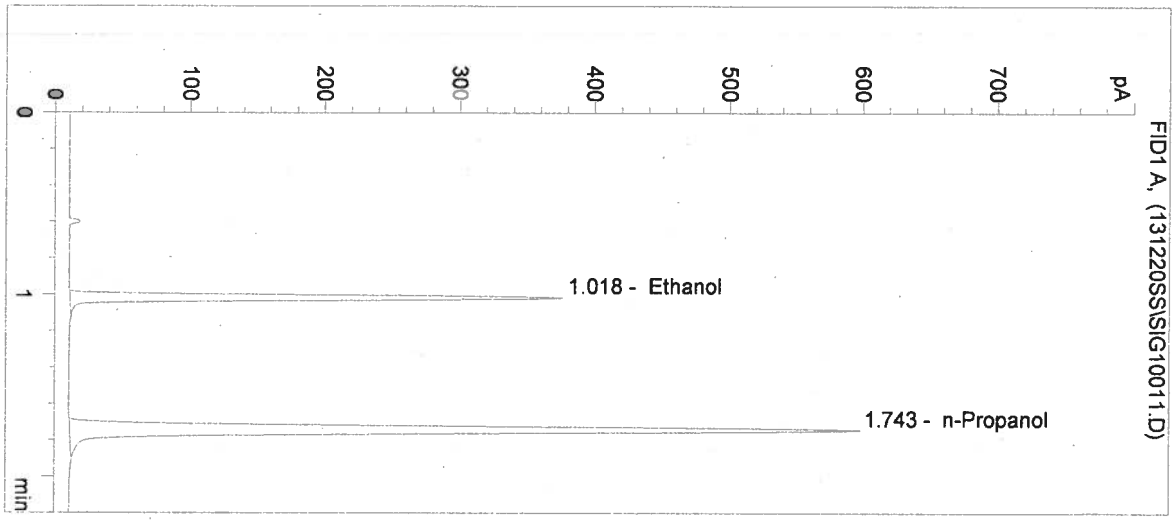
n-Propanol 0.012 g/100mL

SMS

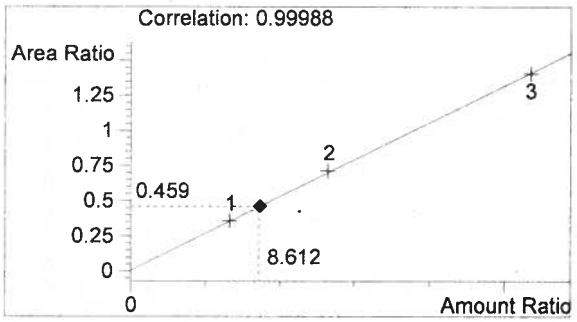
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 2:43:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

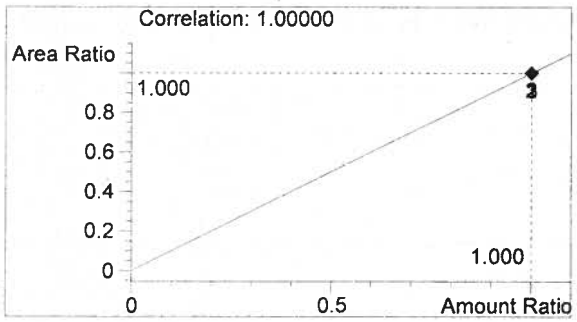
Sample Name: 13064 #2
Operator: Sarah Swenson
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	720	1.018
2	n-Propanol	1571	1.743



Ethanol 0.103 g/100mL



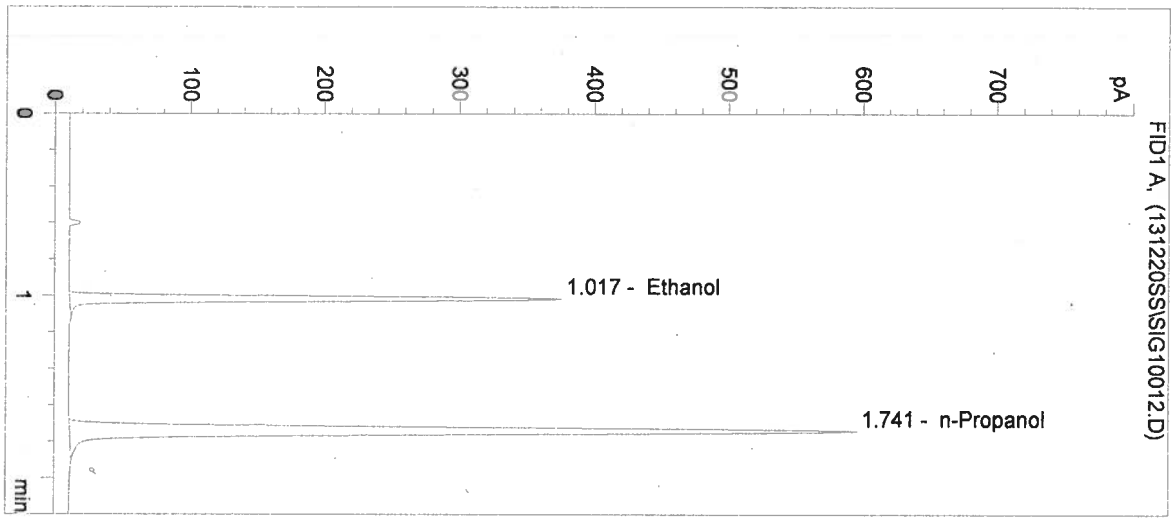
n-Propanol 0.012 g/100mL

SJS

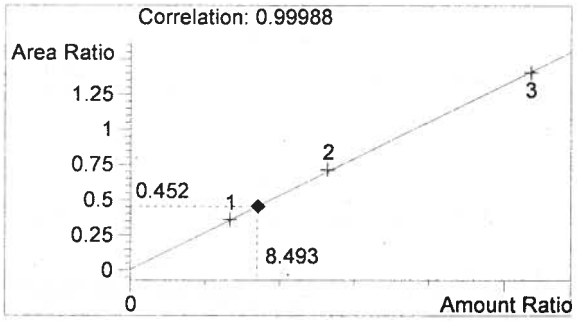
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 2:46:34 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

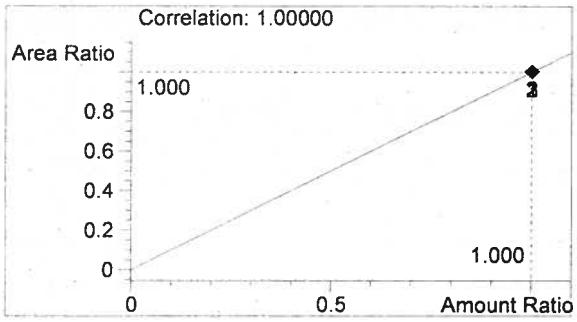
Sample Name: 13064 #3
Operator: Sarah Swenson
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	708	1.017
2	n-Propanol	1565	1.741



Ethanol 0.102 g/100mL



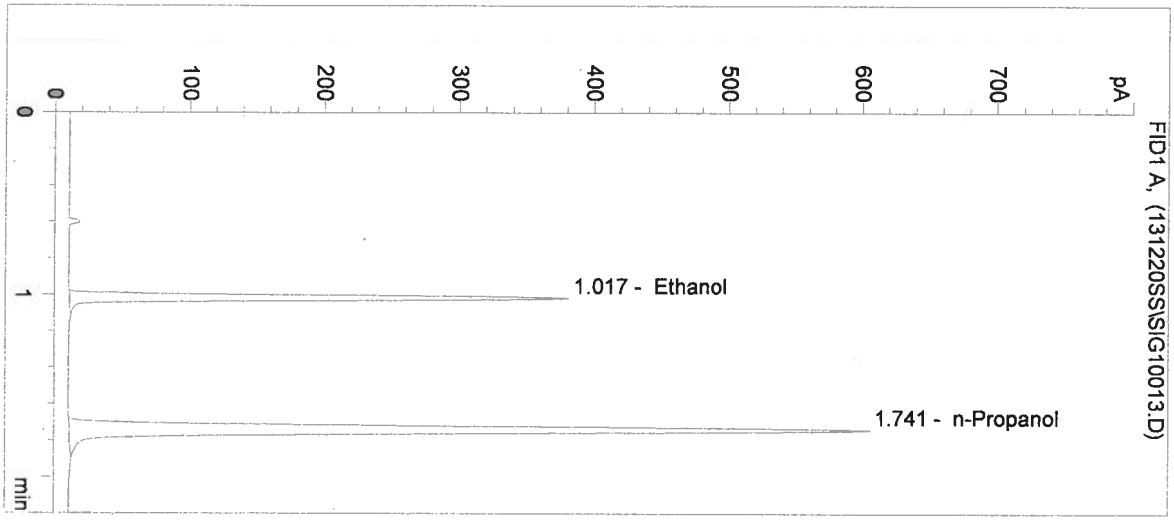
n-Propanol 0.012 g/100mL

SHS

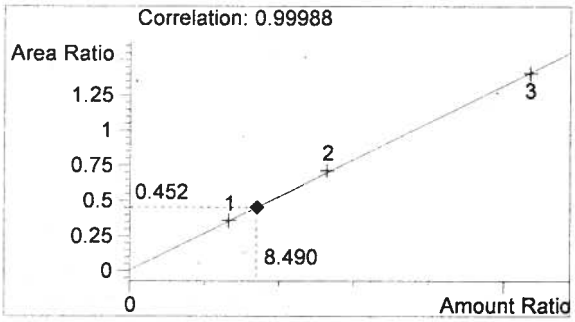
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 2:49:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

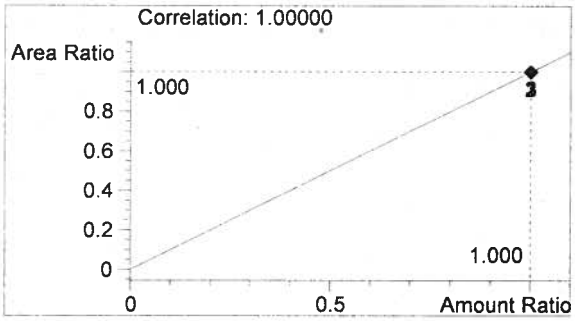
Sample Name: 13064 #4
Operator: Sarah Swenson
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	720	1.017
2	n-Propanol	1593	1.741



Ethanol 0.102 g/100mL



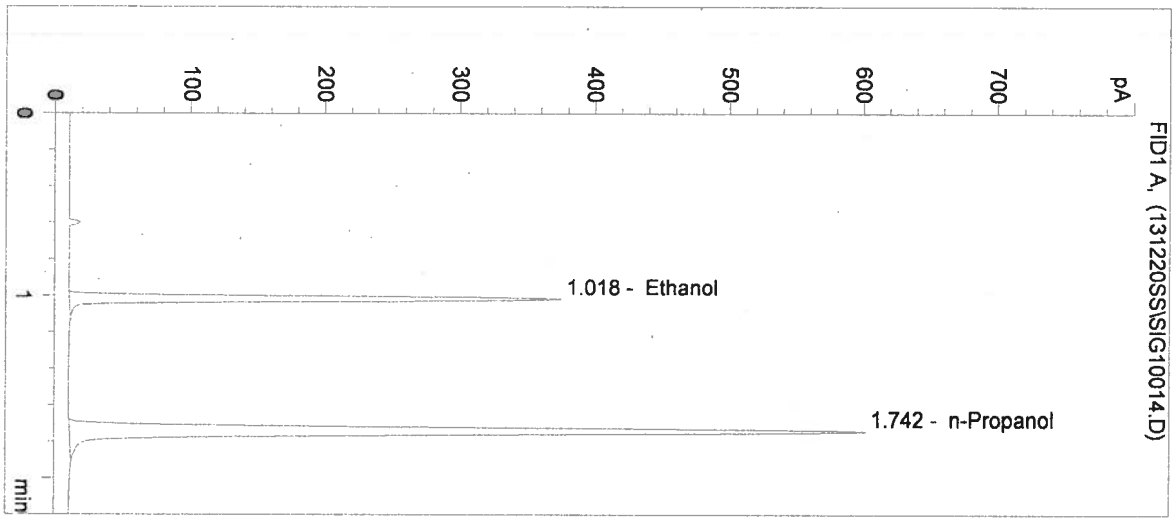
n-Propanol 0.012 g/100mL

SMS

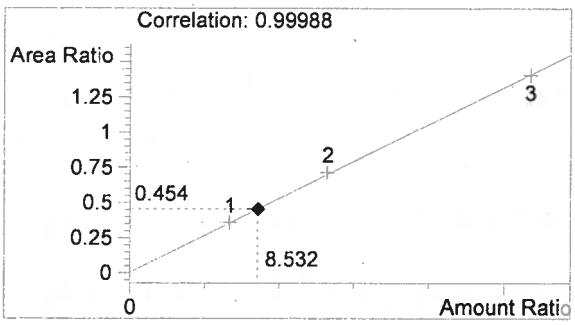
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 2:52:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

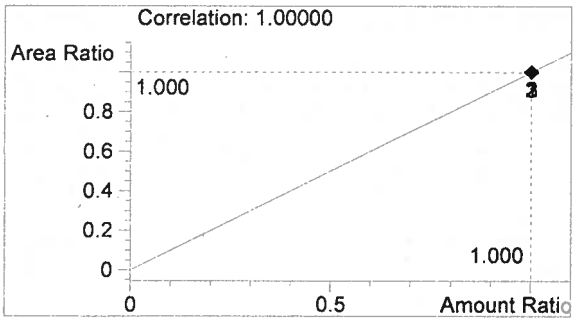
Sample Name: 13064 #5
Operator: Sarah Swenson
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	719	1.018
2	n-Propanol	1582	1.742



Ethanol 0.102 g/100mL



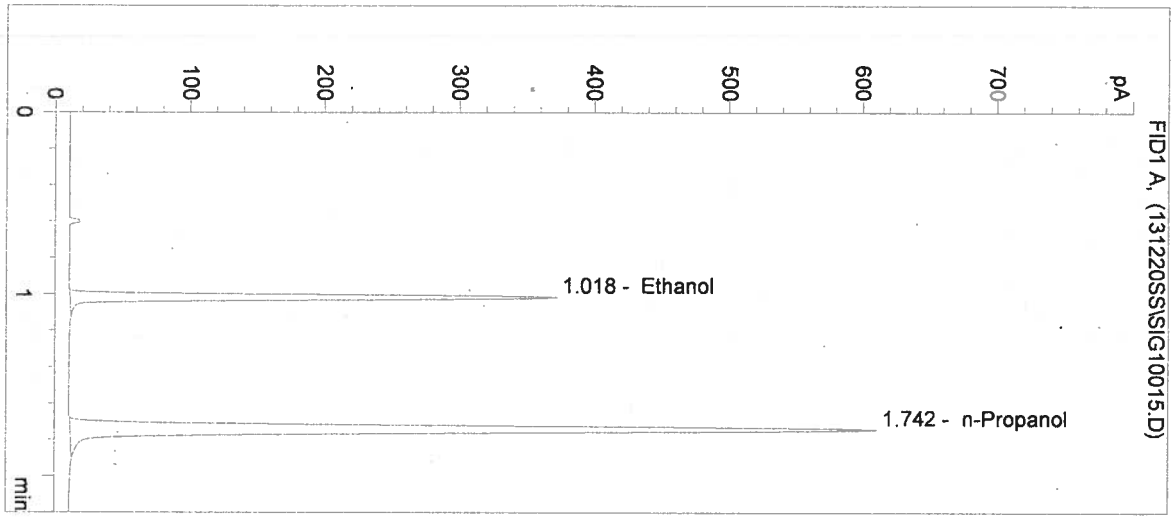
n-Propanol 0.012 g/100mL

SMS

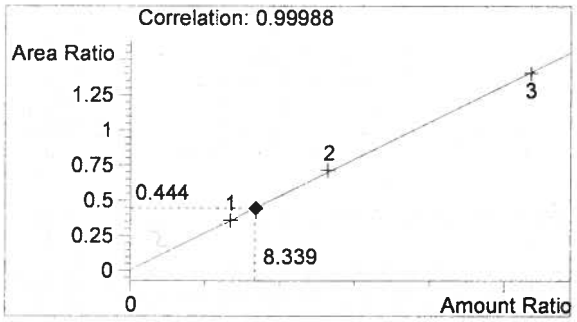
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 2:55:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.10 CTRL
Operator: Sarah Swenson
Location: Vial 15

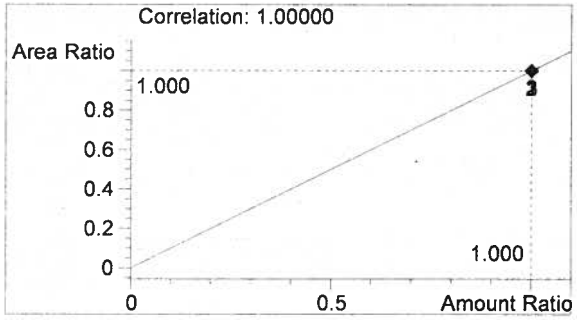


#	Compound	Peak Area	RT (min)
1	Ethanol	713	1.018
2	n-Propanol	1606	1.742



Ethanol 0.100 g/100mL

13064



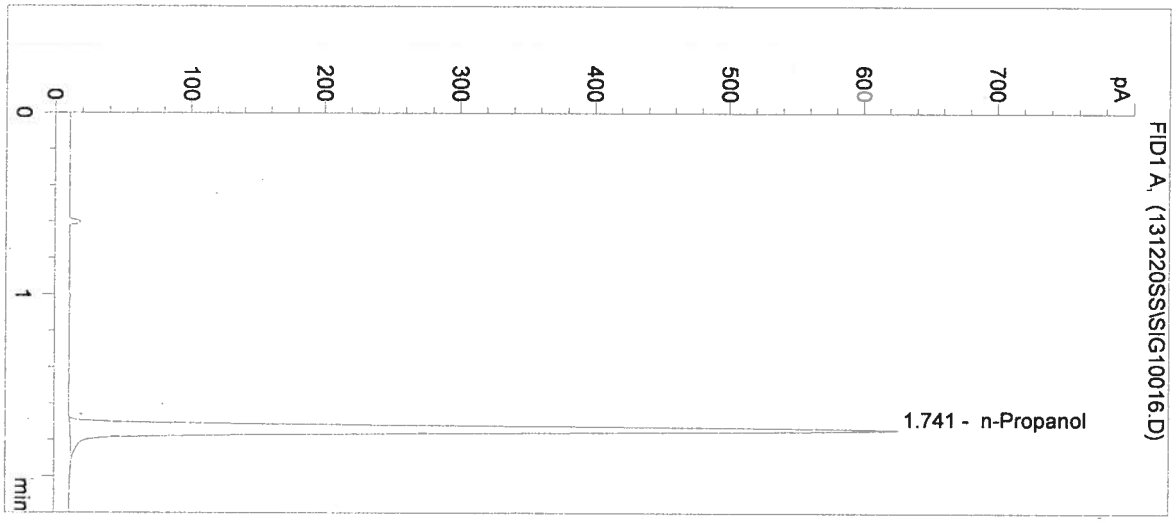
n-Propanol 0.012 g/100mL

SMS

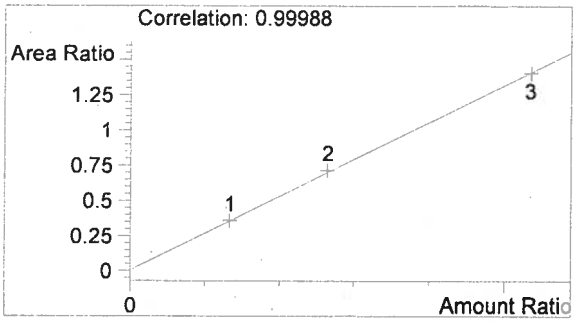
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 2:59:04 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 16

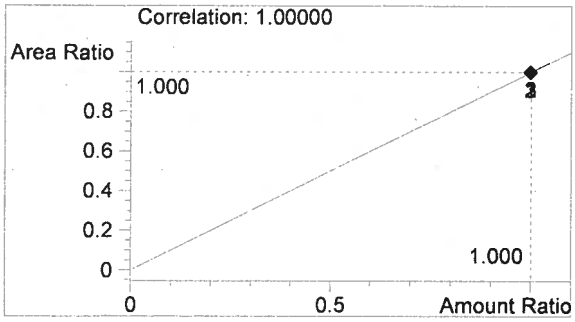


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1644	1.741



Ethanol 0.000 g/100mL

13064



n-Propanol 0.012 g/100mL

SMS

Sequence Parameters:

Operator:	Lyndsey Lowe
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	131220LL
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#E1213-01 - Exp 6/03/14
Cal 2 (0.158 g/100mL) - Lot#E1213-02 - Exp 6/03/14
Cal 3 (0.316 g/100mL) - Lot#E1213-03 - Exp 6/03/14

CTRL 1 (0.04 g/100mL) - Lot#FN120110-04 - Exp 12/2015
CTRL 2 (0.10 g/100mL) - Lot#A095230 - Exp 09/2017
CTRL 3 (0.20 g/100mL) - Lot#FN100511-01 - Exp 10/2016

n-Propanol ISTD - Lot# P1113 - Exp 02/14/14

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	13064 #1	SIMALC3	1	Sample		
11	Vial 11	13064 #2	SIMALC3	1	Sample		
12	Vial 12	13064 #3	SIMALC3	1	Sample		
13	Vial 13	13064 #4	SIMALC3	1	Sample		
14	Vial 14	13064 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	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!

13064

Calibration Table

Calib. Data Modified : Friday, December 20, 2013 8:45:08 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.018	1	1	8.00300e-2	592.37738	1.35100e-4	1		Ethanol
		2	1.58560e-1	1073.13733	1.47754e-4			
		3	3.21220e-1	2190.52100	1.46641e-4			
1.742	1	1	1.20000e-2	1609.60608	7.45524e-6	I1		n-Propanol
		2	1.20000e-2	1503.31299	7.98237e-6			
		3	1.20000e-2	1526.90552	7.85903e-6			

13064

Peak Sum Table

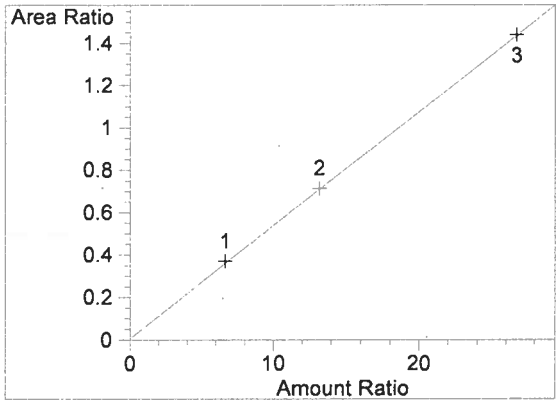
No Entries in table

u

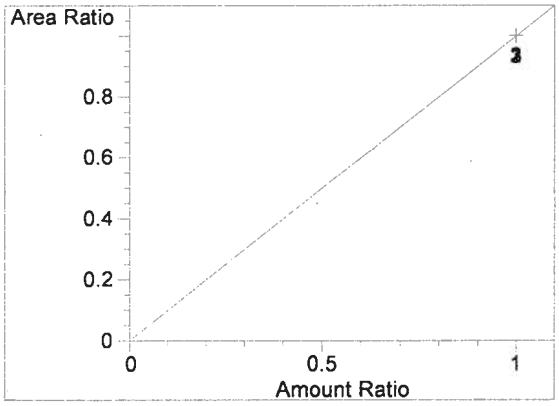
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.018
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00606
Formula: y = mx + b
m: 5.34811e-2
b: 5.38802e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.742
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

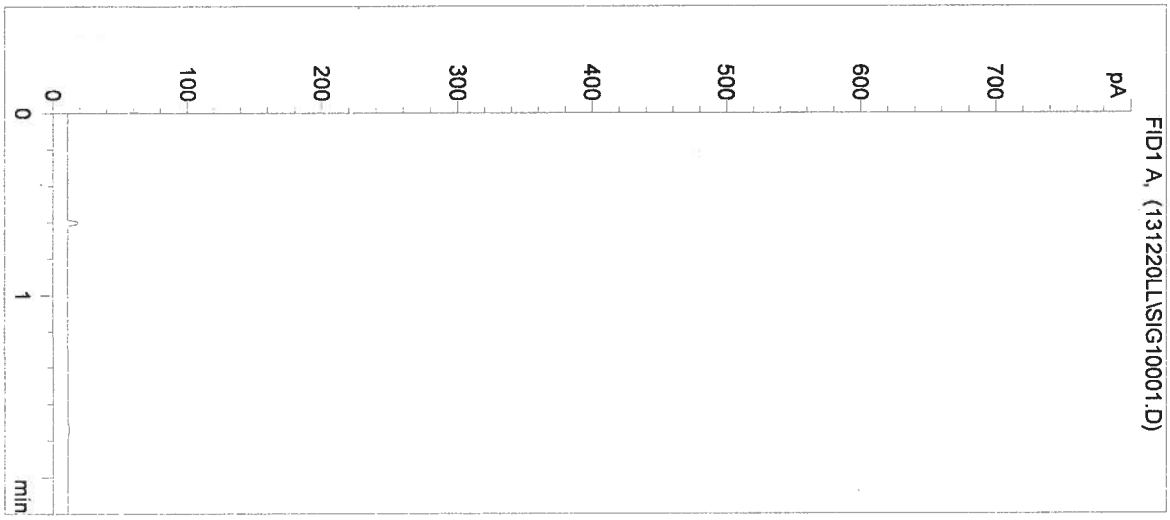
==========

13064

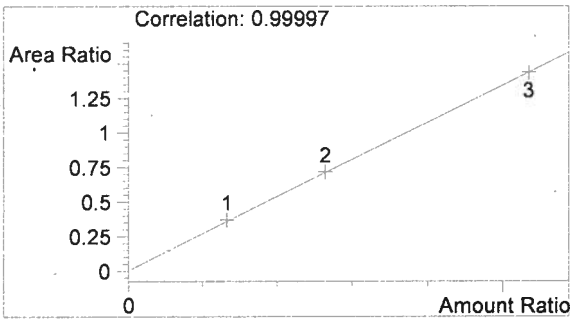
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 8:33:33 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: BLANK
Operator: Lyndsey Lowe
Location: Vial 1

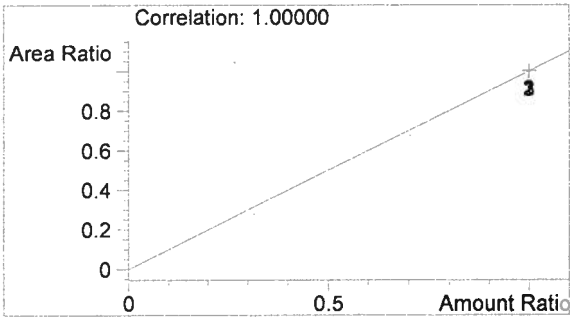


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

13064

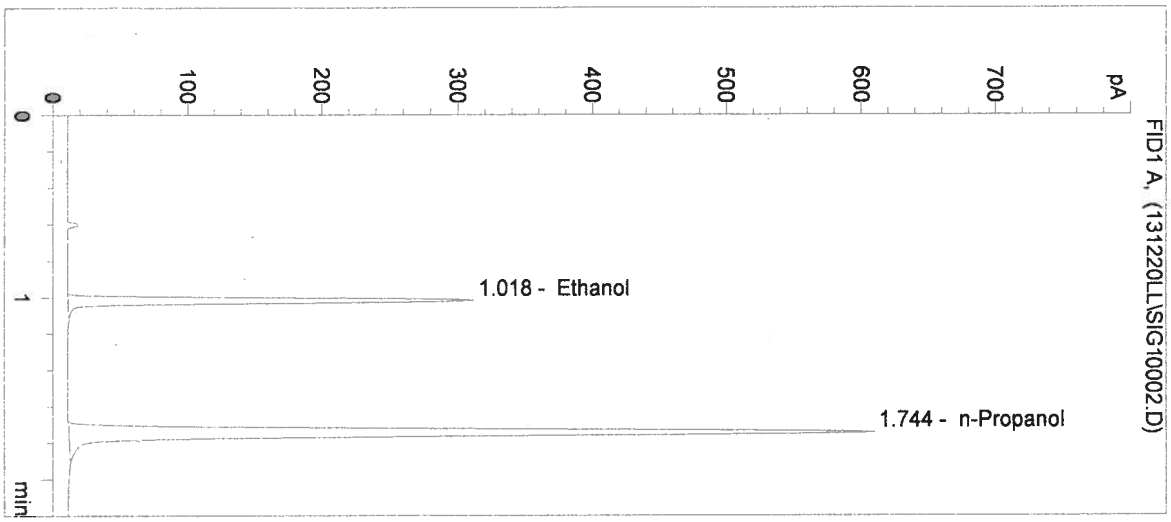


n-Propanol 0.000 g/100mL

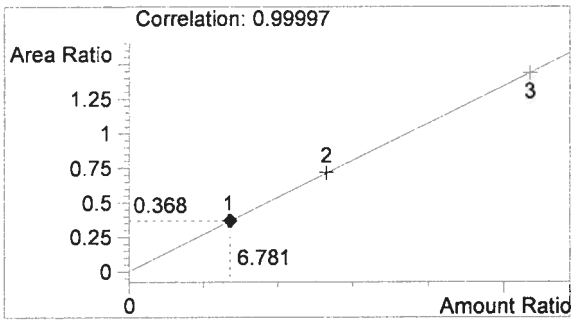
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 8:36:41 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.079 CAL 1
Operator: Lyndsey Lowe
Location: Vial 2

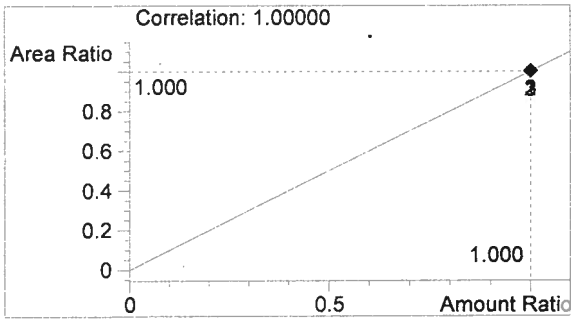


#	Compound	Peak Area	RT (min)
1	Ethanol	592	1.018
2	n-Propanol	1610	1.744



Ethanol 0.081 g/100mL

13064

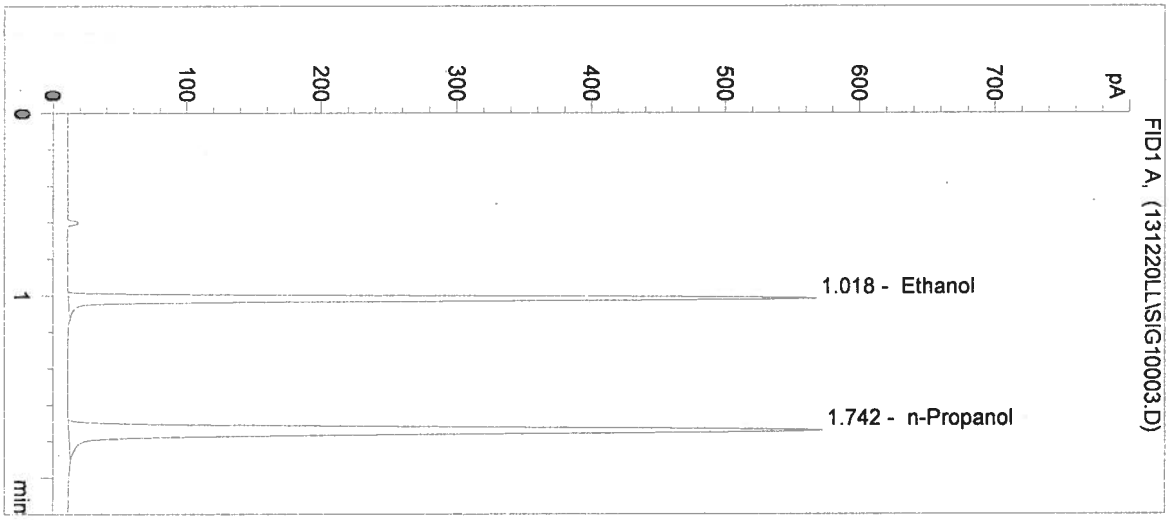


n-Propanol 0.012 g/100mL

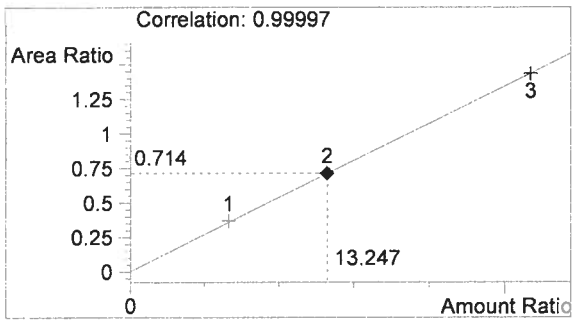
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 8:39:48 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.158 CAL 2
Operator: Lyndsey Lowe
Location: Vial 3

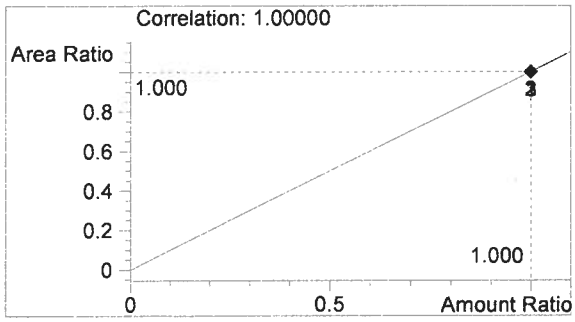


#	Compound	Peak Area	RT (min)
1	Ethanol	1073	1.018
2	n-Propanol	1503	1.742



Ethanol 0.159 g/100mL

13064

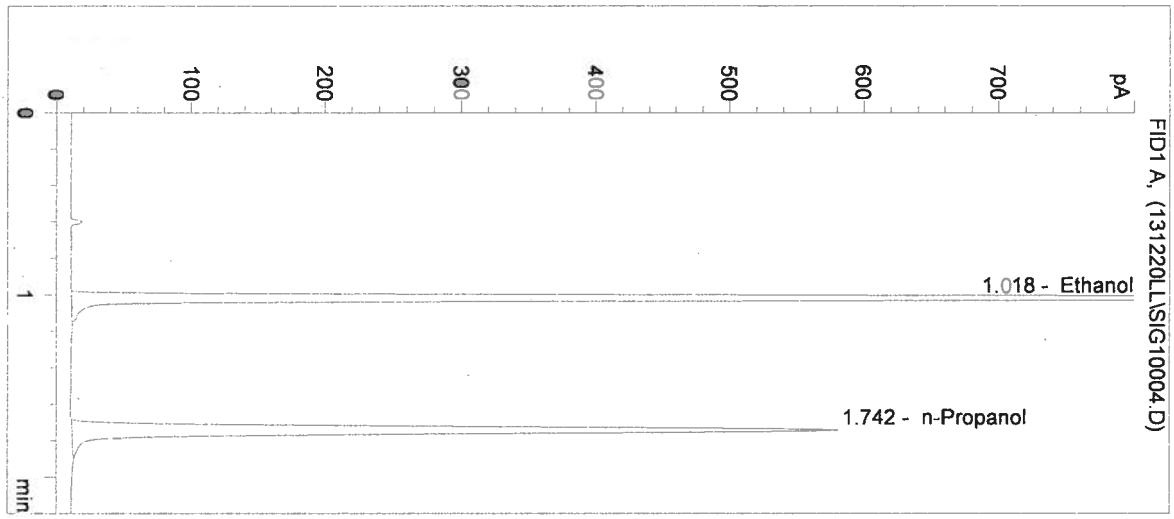


n-Propanol 0.012 g/100mL

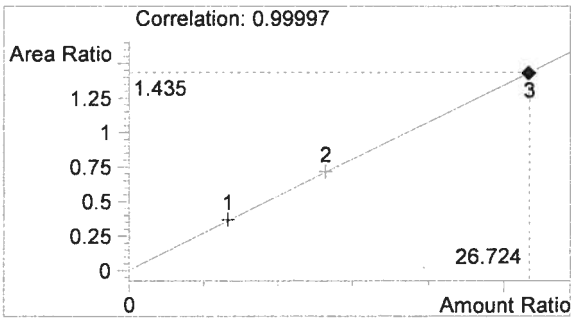
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 8:42:56 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.316 CAL 3
Operator: Lyndsey Lowe
Location: Vial 4

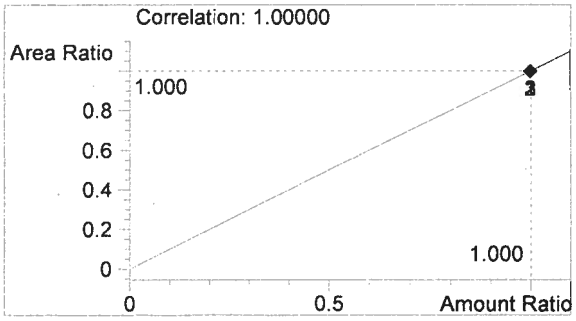


#	Compound	Peak Area	RT (min)
1	Ethanol	2191	1.018
2	n-Propanol	1527	1.742



Ethanol 0.321 g/100mL

13064

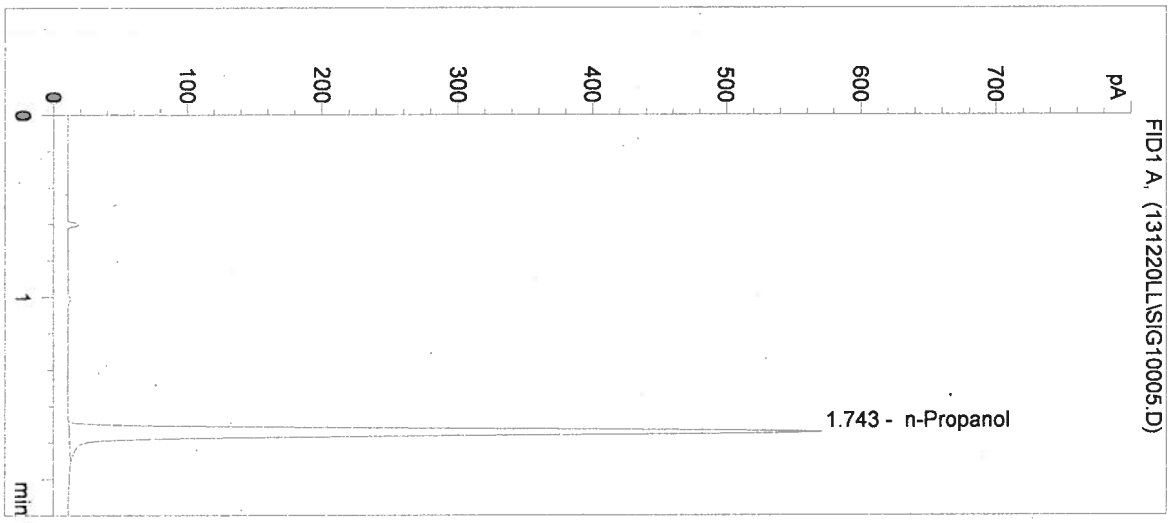


n-Propanol 0.012 g/100mL

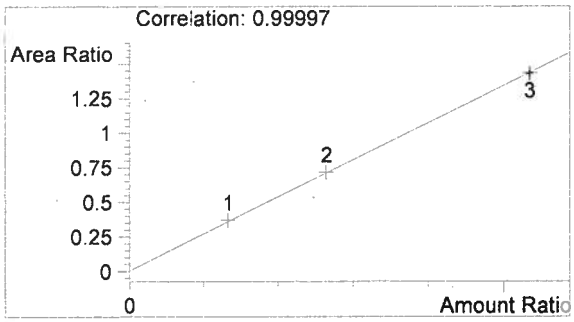
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 8:46:03 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL
Operator: Lyndsey Lowe
Location: Vial 5

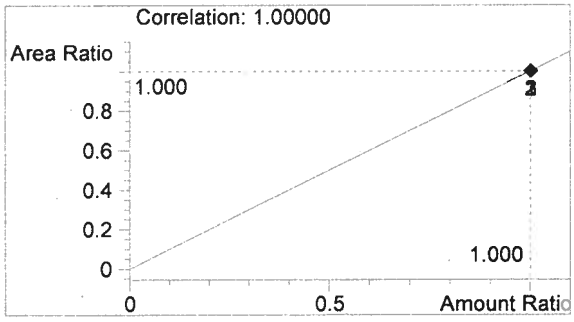


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1501	1.743



Ethanol 0.000 g/100mL

13064

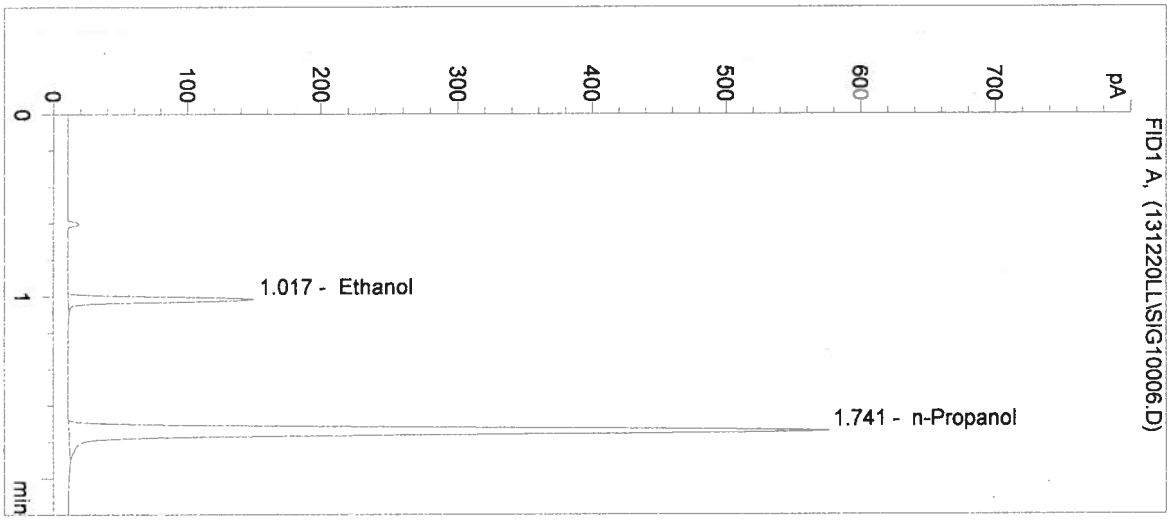


n-Propanol 0.012 g/100mL

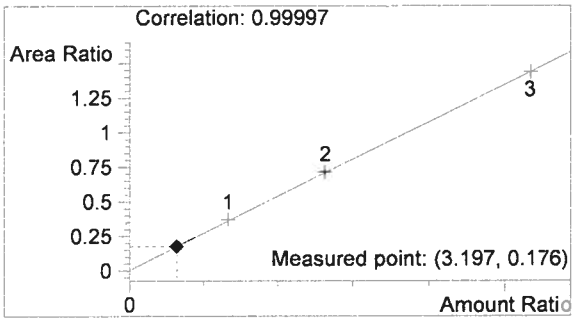
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 8:49:11 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.04 CTRL
Operator: Lyndsey Lowe
Location: Vial 6

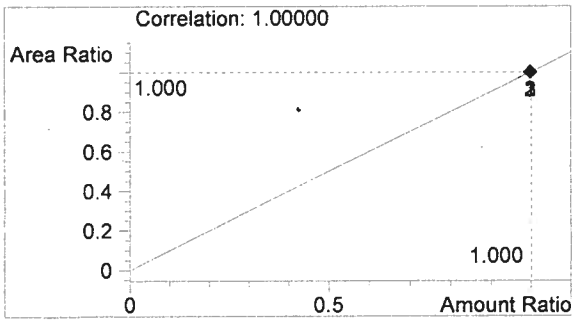


#	Compound	Peak Area	RT (min)
1	Ethanol	268	1.017
2	n-Propanol	1518	1.741



Ethanol 0.038 g/100mL

13064

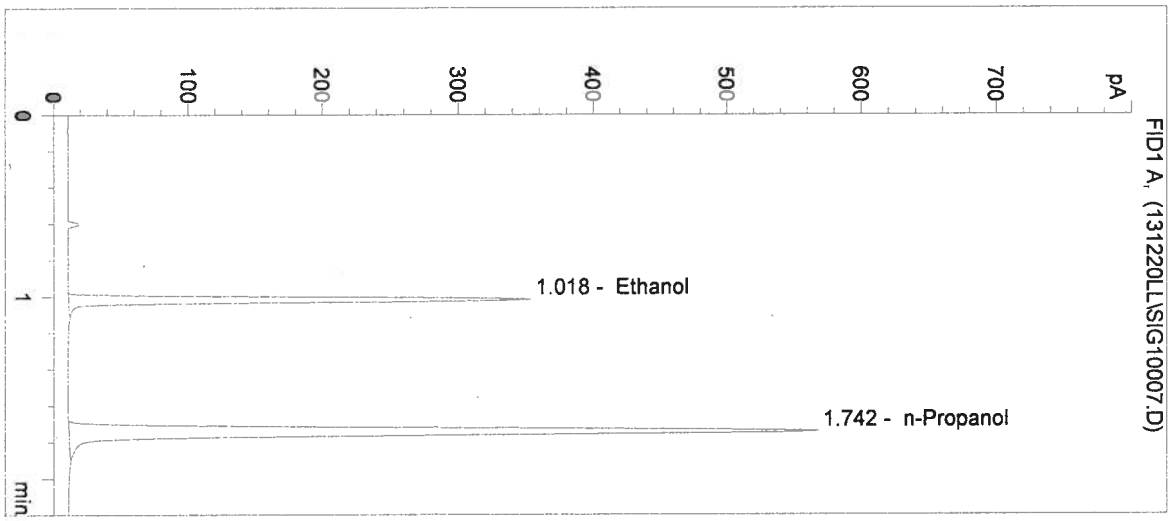


n-Propanol 0.012 g/100mL

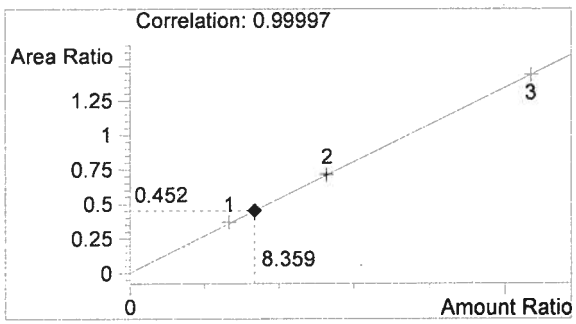
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 8:52:18 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.10 CTRL
Operator: Lyndsey Lowe
Location: Vial 7

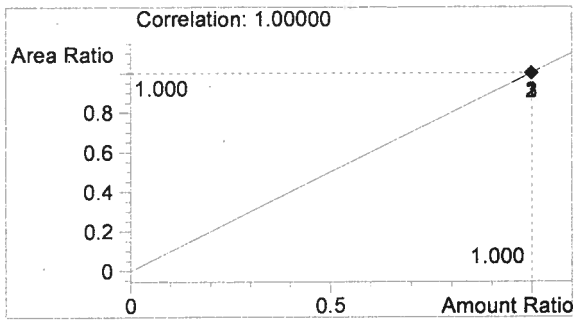


#	Compound	Peak Area	RT (min)
1	Ethanol	677	1.018
2	n-Propanol	1495	1.742



Ethanol 0.100 g/100mL

13064

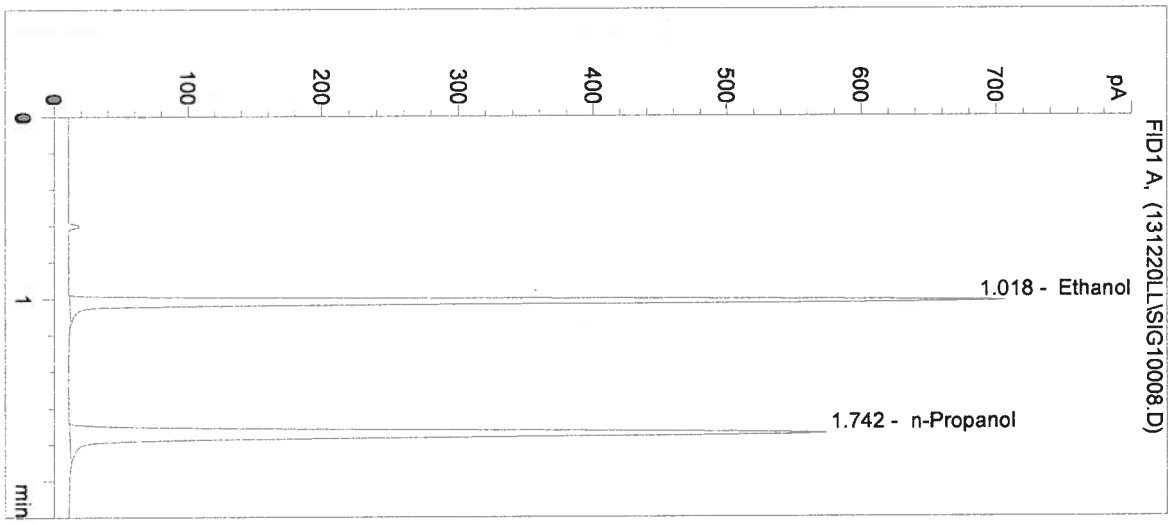


n-Propanol 0.012 g/100mL

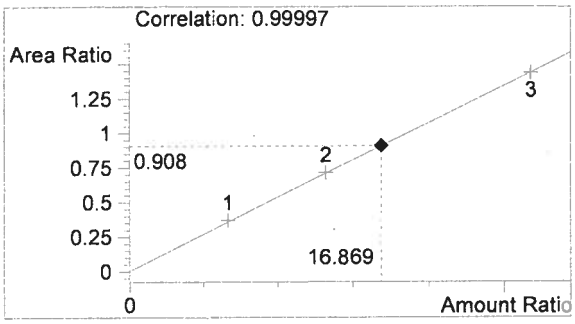
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 8:55:26 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.20 CTRL
Operator: Lyndsey Lowe
Location: Vial 8

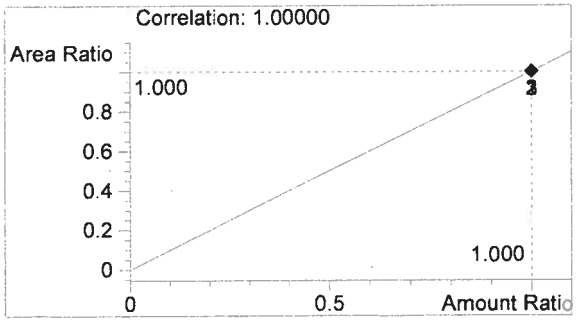


#	Compound	Peak Area	RT (min)
1	Ethanol	1369	1.018
2	n-Propanol	1509	1.742



Ethanol 0.202 g/100mL

13064

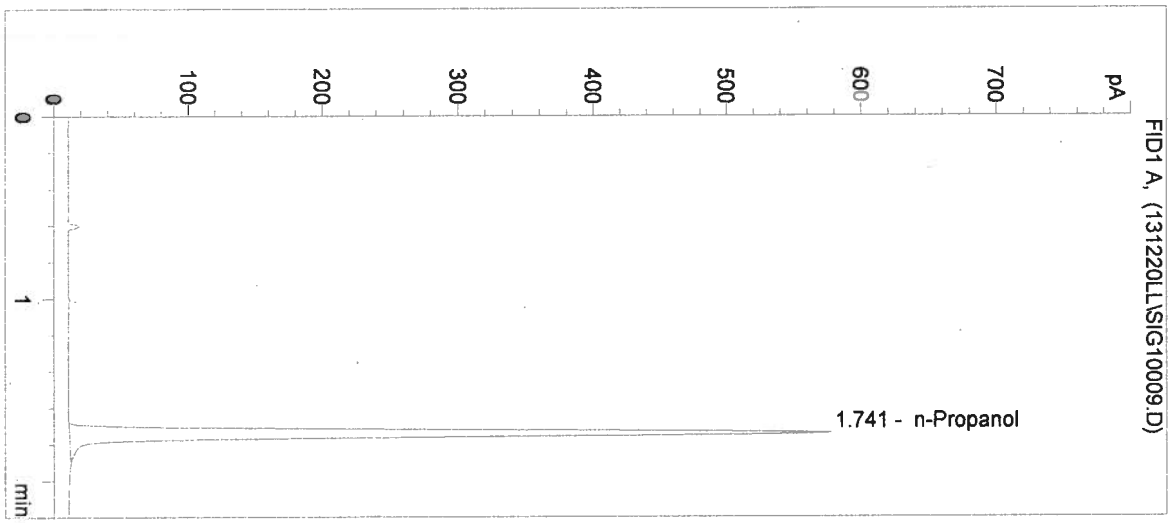


n-Propanol 0.012 g/100mL

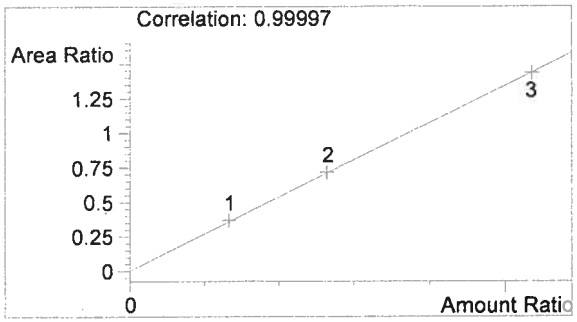
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 8:58:33 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL
Operator: Lyndsey Lowe
Location: Vial 9

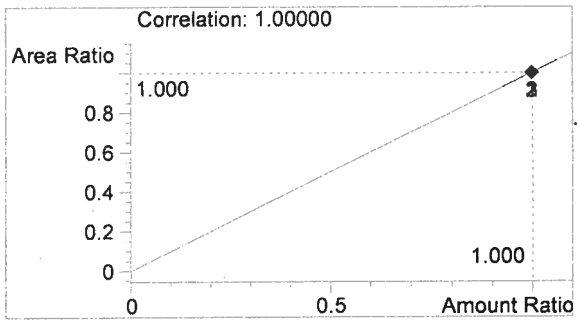


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1521	1.741



Ethanol 0.000 g/100mL

13064

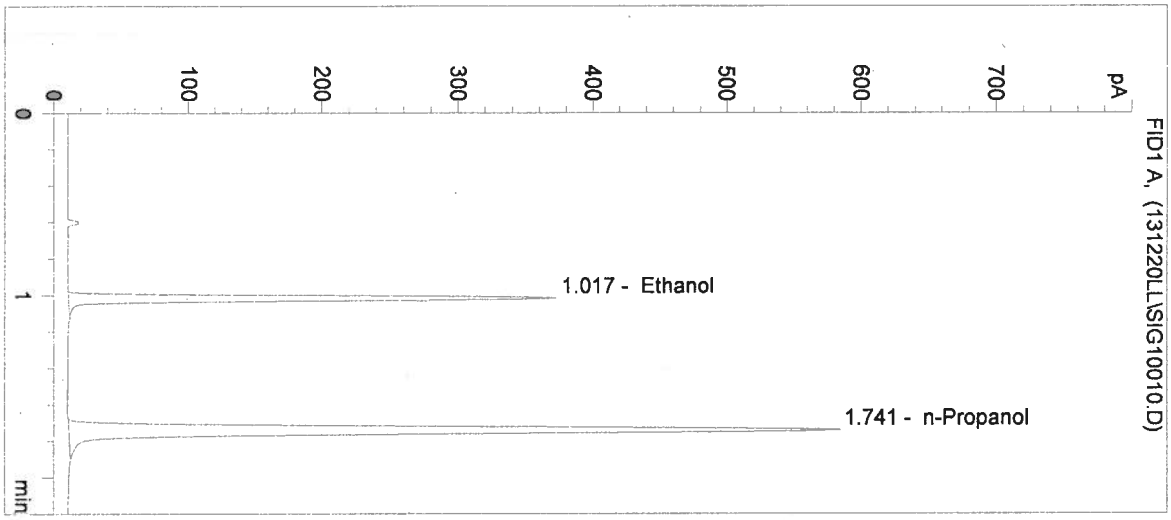


n-Propanol 0.012 g/100mL

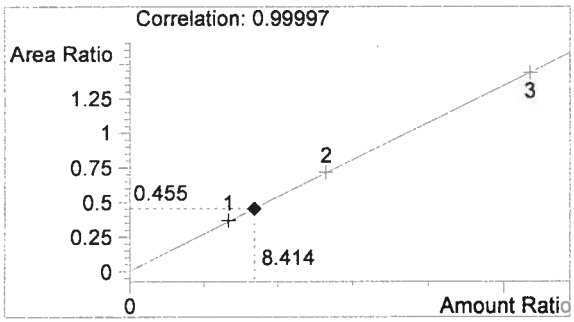
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 9:01:40 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

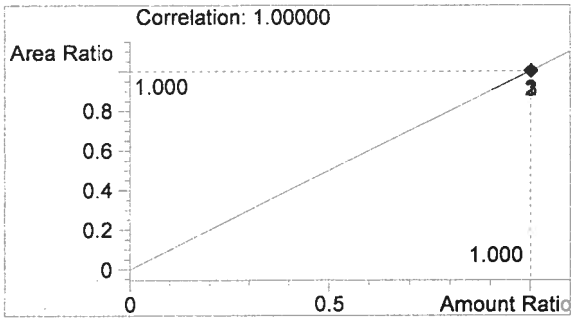
Sample Name: 13064 #1
Operator: Lyndsey Lowe
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	700	1.017
2	n-Propanol	1537	1.741



Ethanol 0.101 g/100mL

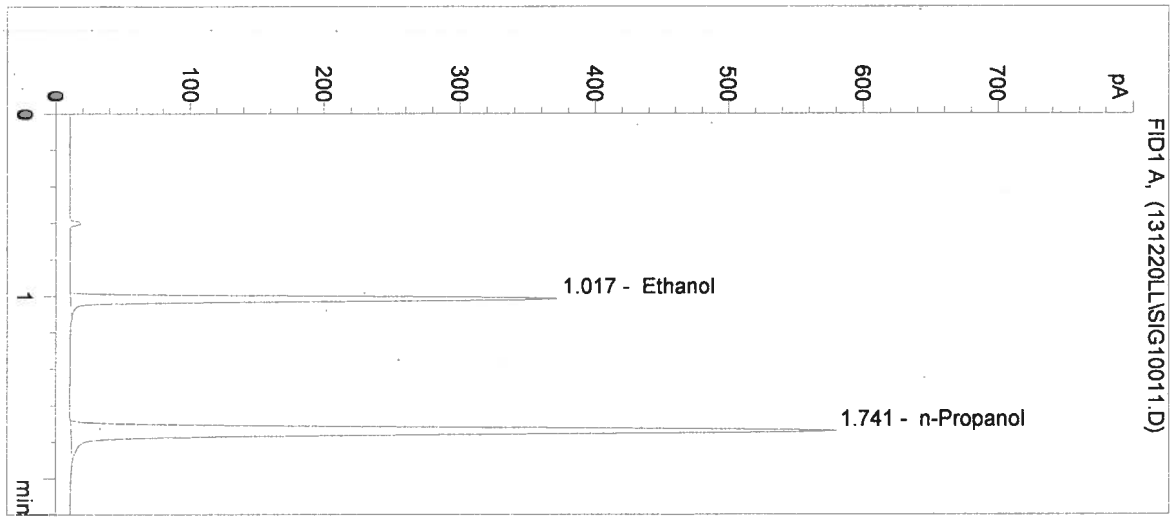


n-Propanol 0.012 g/100mL

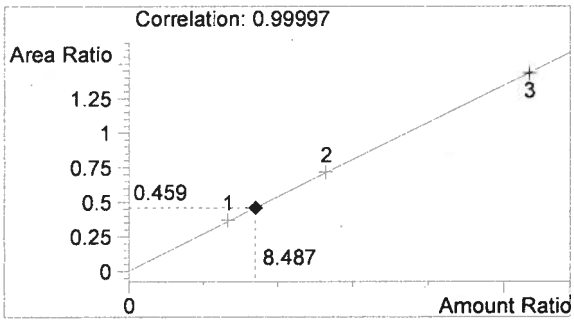
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 9:04:48 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

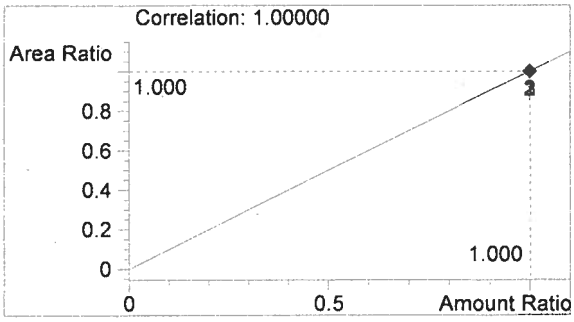
Sample Name: 13064 #2
Operator: Lyndsey Lowe
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.017
2	n-Propanol	1527	1.741



Ethanol 0.102 g/100mL

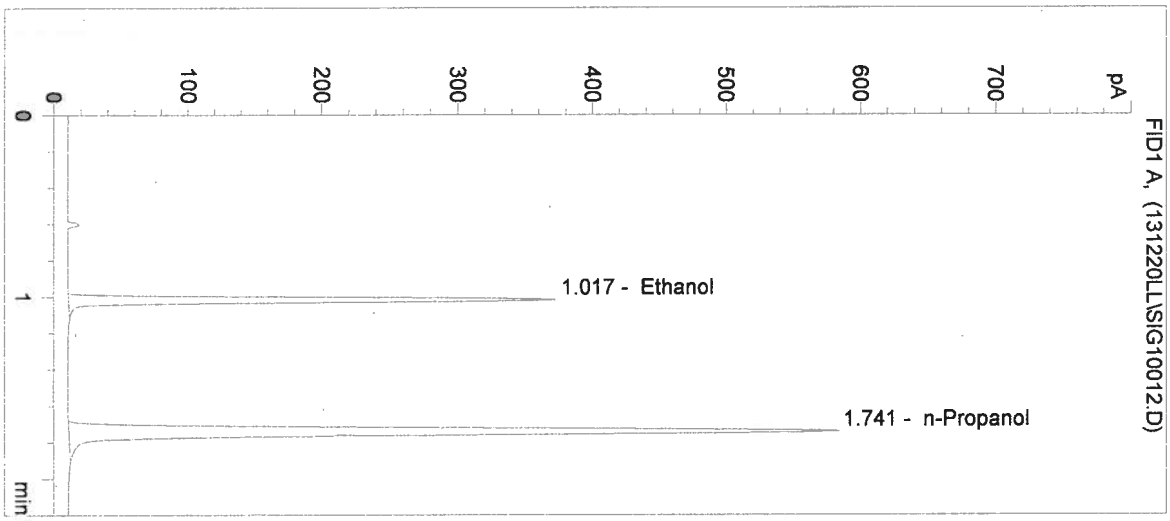


n-Propanol 0.012 g/100mL

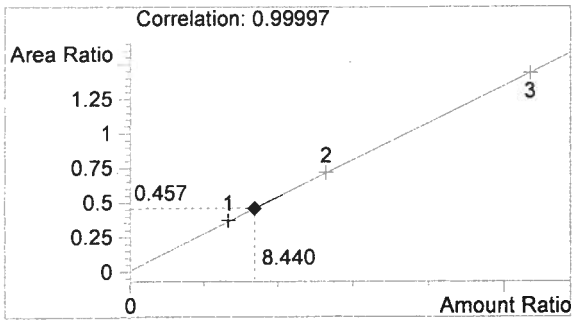
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 9:07:55 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

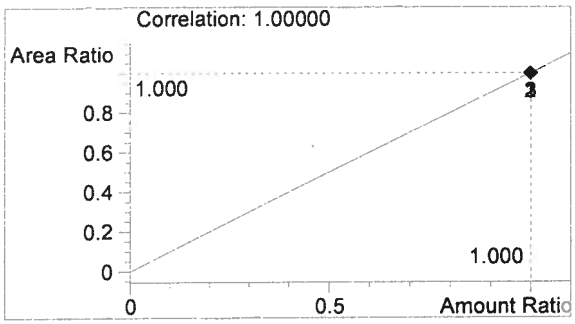
Sample Name: 13064 #3
Operator: Lyndsey Lowe
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.017
2	n-Propanol	1535	1.741



Ethanol 0.101 g/100mL

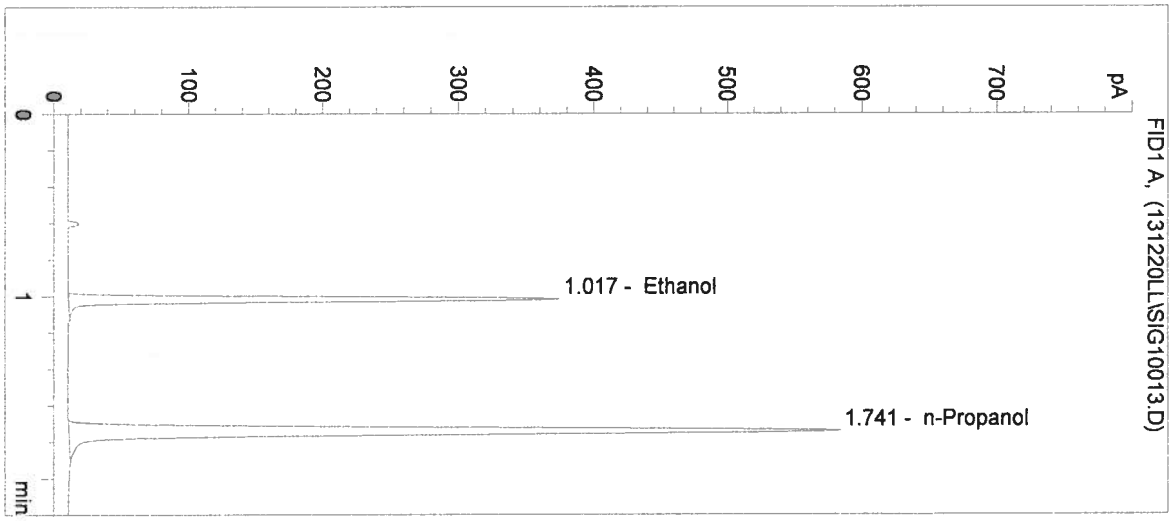


n-Propanol 0.012 g/100mL

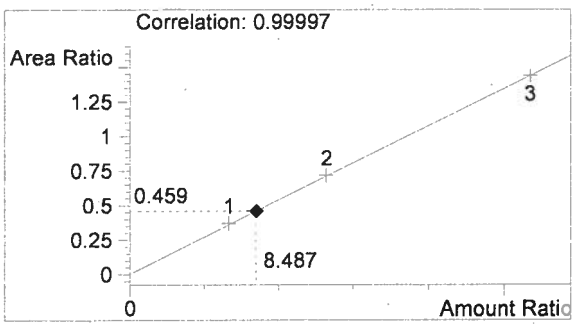
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 9:11:03 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

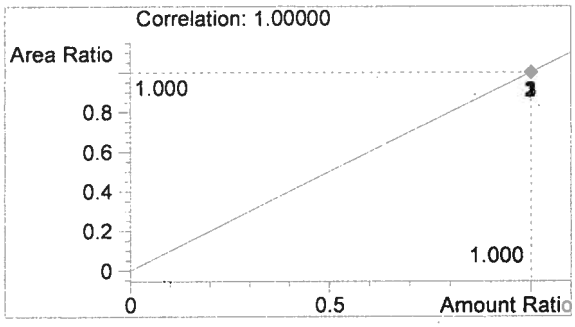
Sample Name: 13064 #4
Operator: Lyndsey Lowe
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	706	1.017
2	n-Propanol	1538	1.741



Ethanol 0.102 g/100mL

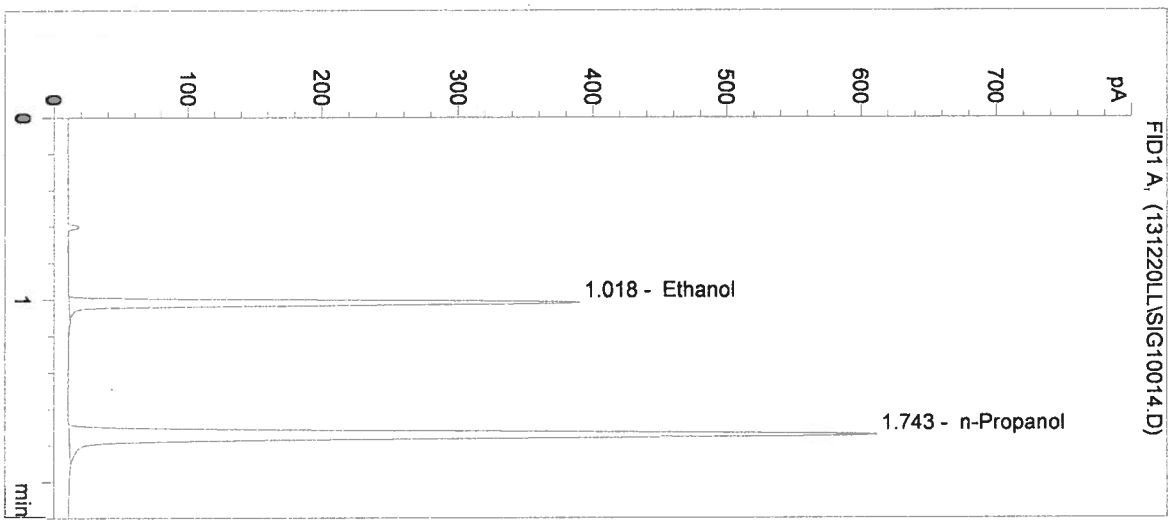


n-Propanol 0.012 g/100mL

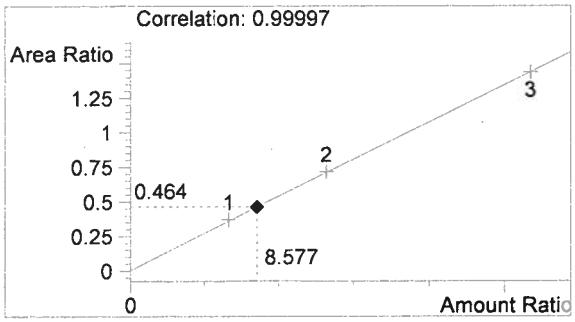
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 9:14:10 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

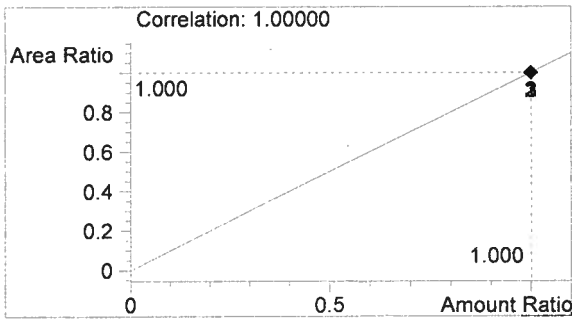
Sample Name: 13064 #5
Operator: Lyndsey Lowe
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	748	1.018
2	n-Propanol	1612	1.743



Ethanol 0.103 g/100mL

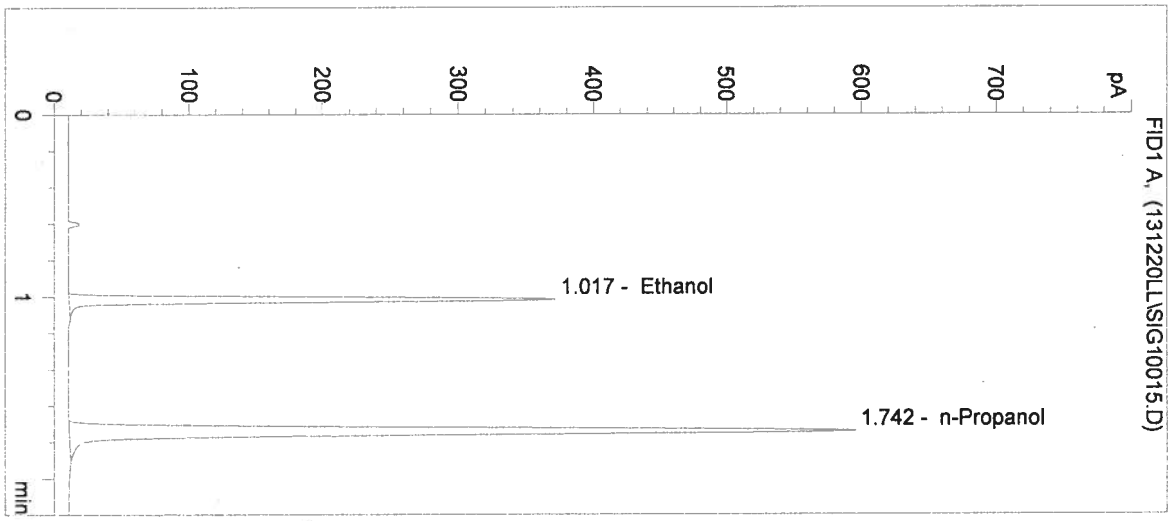


n-Propanol 0.012 g/100mL

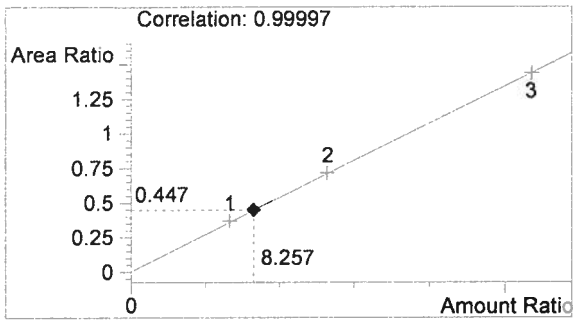
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 9:17:18 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.10 CTRL
Operator: Lyndsey Lowe
Location: Vial 15

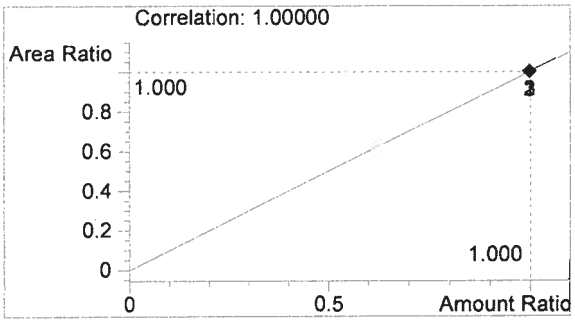


#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.017
2	n-Propanol	1568	1.742



Ethanol 0.099 g/100mL

13064

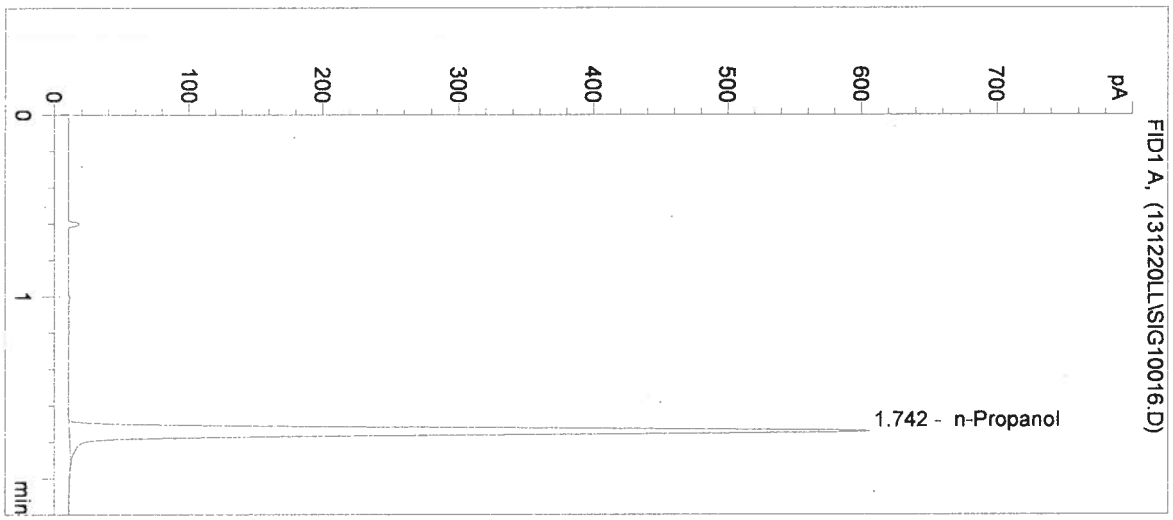


n-Propanol 0.012 g/100mL

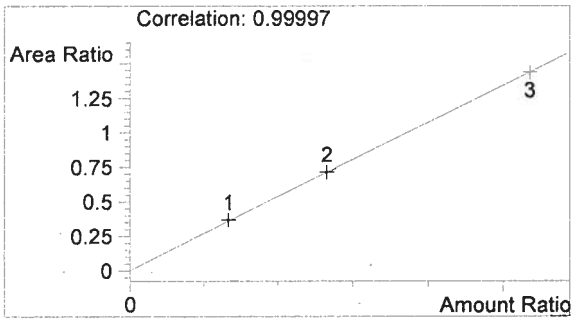
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/20/2013 9:20:25 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL
Operator: Lyndsey Lowe
Location: Vial 16

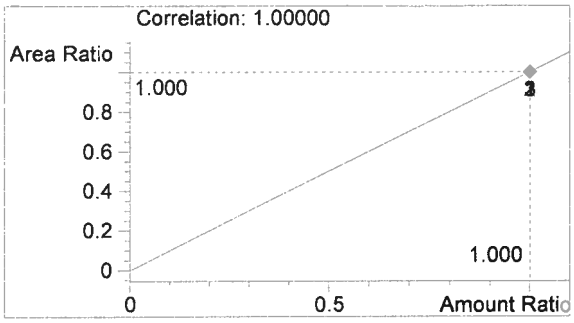


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1599	1.742



Ethanol 0.000 g/100mL

13064



n-Propanol 0.012 g/100mL

Sequence Parameters:

Operator:	Chris Johnston
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:	131223CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 Calibrator 1 - Lot# E1213-01 - Exp. 6/3/2014
0.158 Calibrator 2 - Lot# E1213-02 - Exp. 6/3/2014
0.316 Calibrator 3 - Lot# E1213-03 - Exp. 6/3/2014
0.04 Control 1 - Lot# FN120110-04 - Exp. 12/2015
0.10 Control 2 - Lot# A095230 - Exp. 09/2017
0.20 Control 3 - Lot# FN100511-01 - Exp. 10/2016
n-Propanol ISTD - Lot# P1113 - Exp. 02/14/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-CJ	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-CJ	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC3	1	Ctrl Samp		
10	Vial 10	ESS 13064 #1	SIMALC3	1	Sample		
11	Vial 11	ESS 13064 #2	SIMALC3	1	Sample		
12	Vial 12	ESS 13064 #3	SIMALC3	1	Sample		
13	Vial 13	ESS 13064 #4	SIMALC3	1	Sample		
14	Vial 14	ESS 13064 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	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	

W

Sequence: C:\HPCHEM\2\SEQUENCE\CJEXTST3.S

Sequence Table (Back Injector):

No entries - empty table!

13064

Calibration Table

Calib. Data Modified : Monday, December 23, 2013 5:43:02 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.018	1	1	8.00300e-2	547.30298	1.46226e-4	1		Ethanol
		2	1.58560e-1	1071.48010	1.47982e-4			
		3	3.21220e-1	2149.55542	1.49436e-4			
1.742	1	1	1.20000e-2	1552.24182	7.73075e-6	I1		n-Propanol
		2	1.20000e-2	1546.25891	7.76067e-6			
		3	1.20000e-2	1554.40076	7.72002e-6			

13064

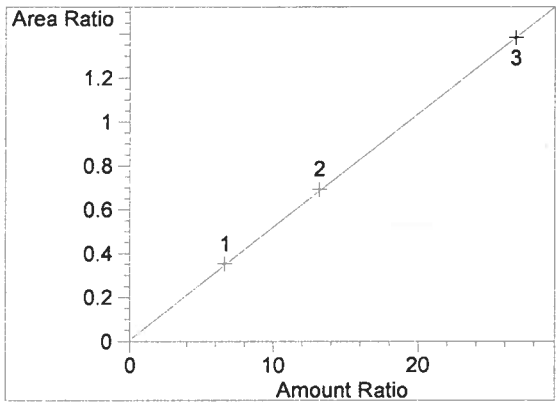
Peak Sum Table

No Entries in table

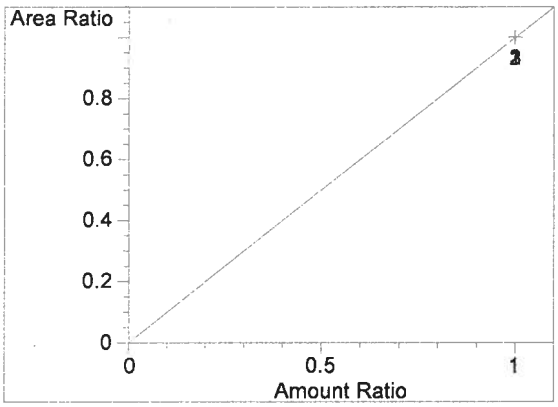
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.018
FID1 A,
Correlation: 0.99996
Residual Std. Dev.: 0.00654
Formula: y = mx + b
m: 5.15994e-2
b: 5.31667e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.742
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

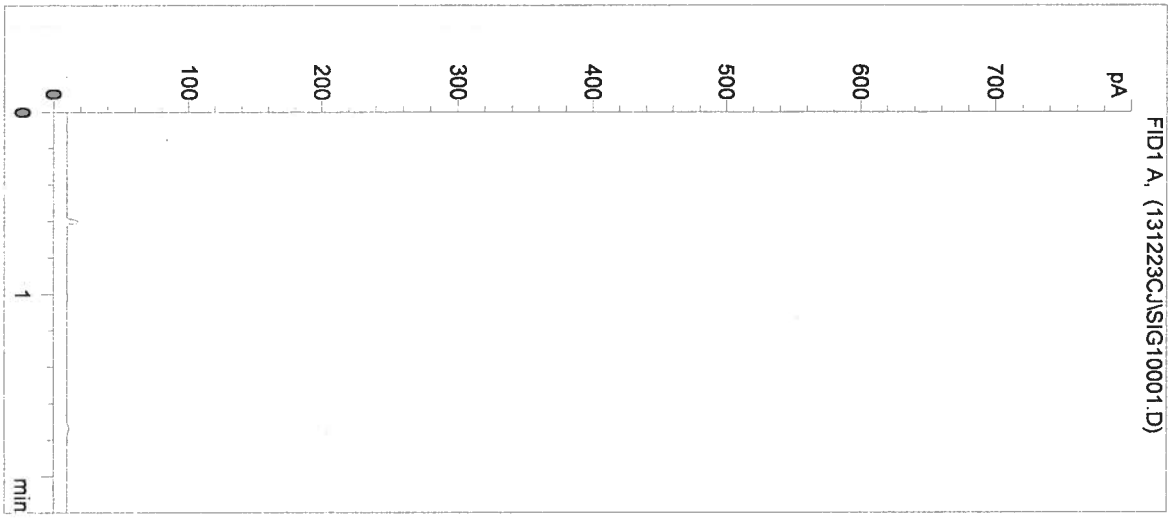
==========

13064

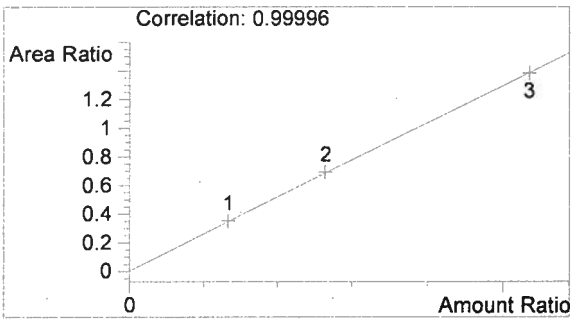
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 5:31:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

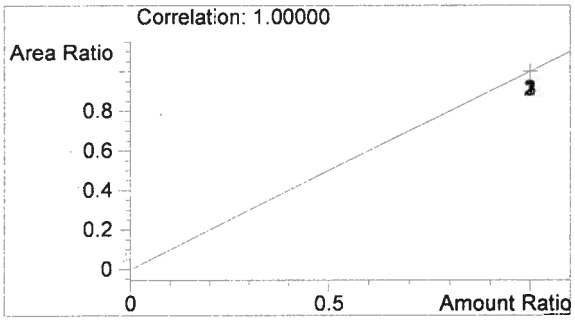
Sample Name: BLANK-CJ
Operator: Chris Johnston
Location: Vial 1



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



Ethanol 0.000 g/100mL



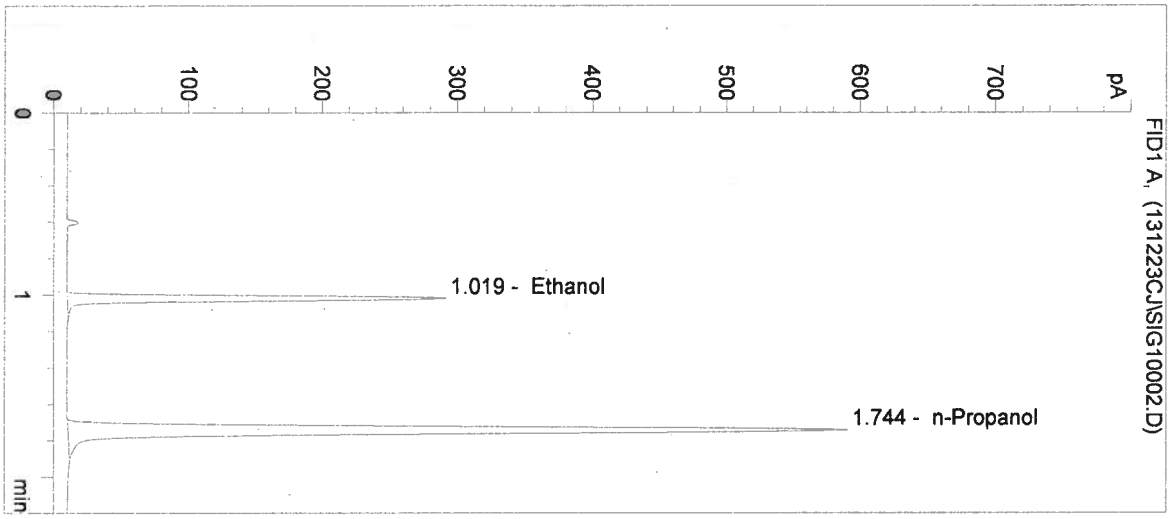
n-Propanol 0.000 g/100mL

13064

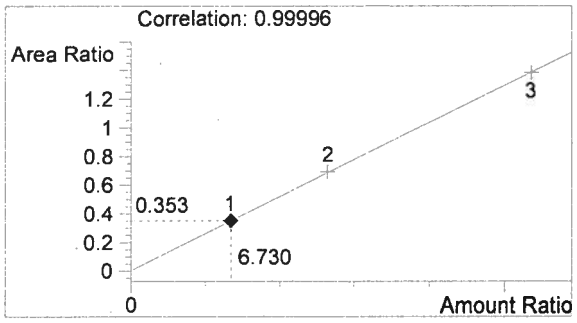
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 5:34:35 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.079 CAL 1
Operator: Chris Johnston
Location: Vial 2

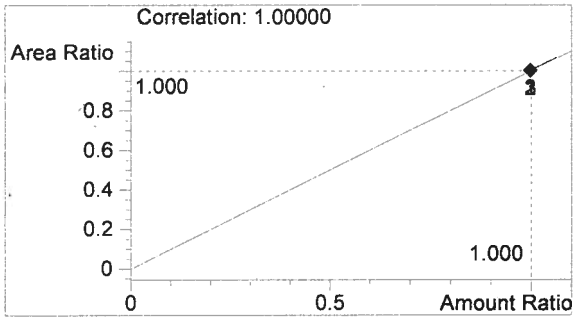


#	Compound	Peak Area	RT (min)
1	Ethanol	547	1.019
2	n-Propanol	1552	1.744



Ethanol 0.081 g/100mL

13064

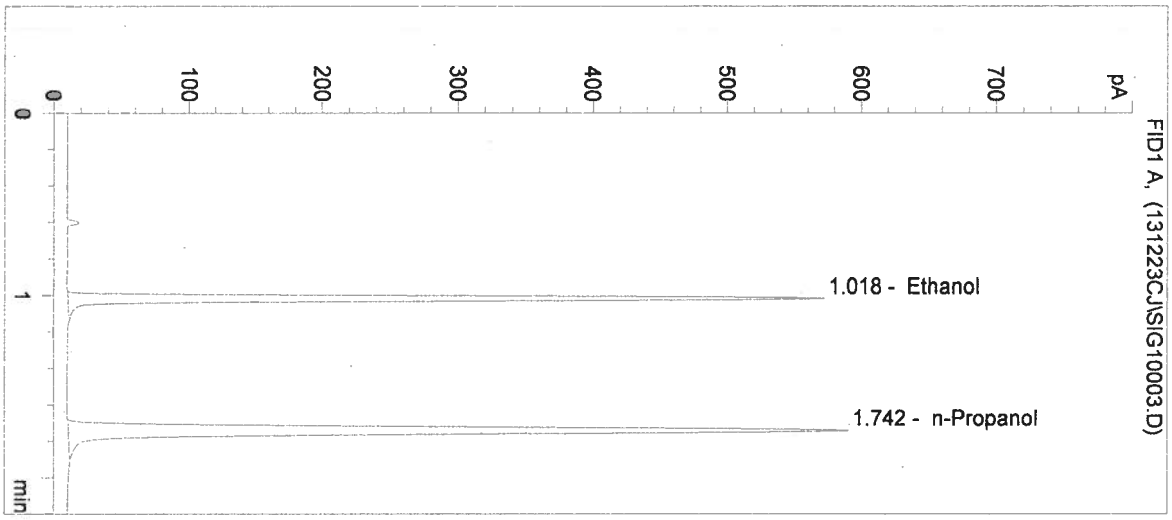


n-Propanol 0.012 g/100mL

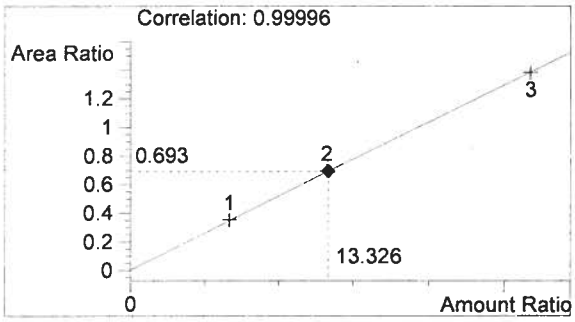
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 5:37:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.158 CAL 2
Operator: Chris Johnston
Location: Vial 3

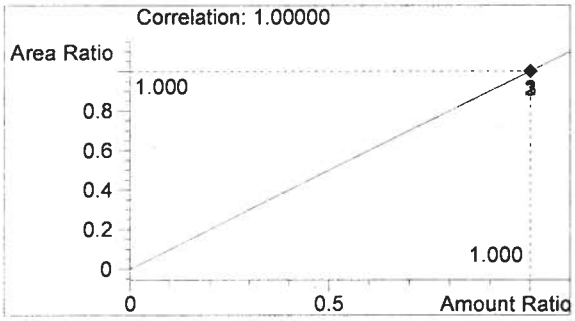


#	Compound	Peak Area	RT (min)
1	Ethanol	1071	1.018
2	n-Propanol	1546	1.742



Ethanol 0.160 g/100mL

13064

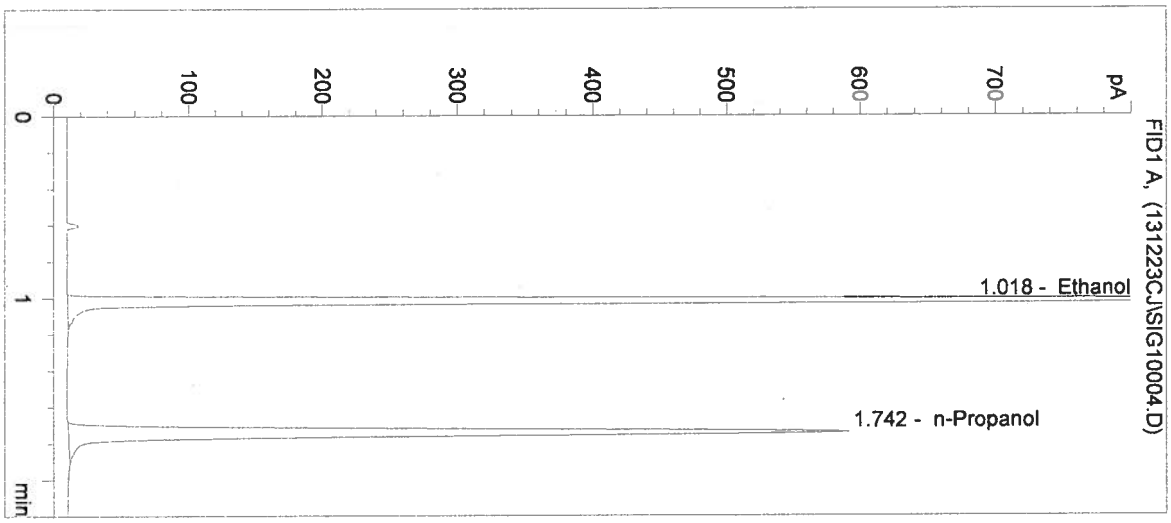


n-Propanol 0.012 g/100mL

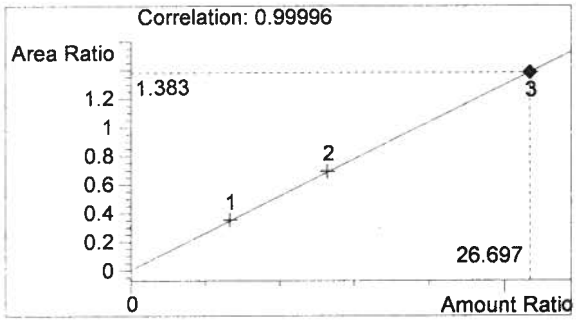
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 5:40:50 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.316 CAL 3
Operator: Chris Johnston
Location: Vial 4

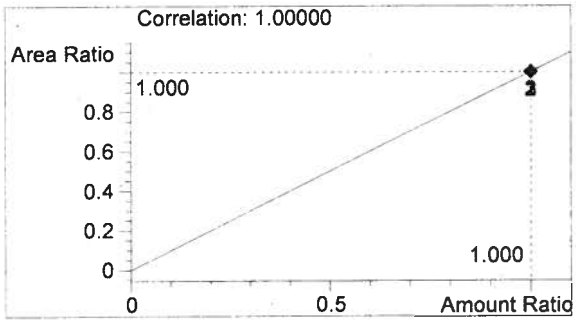


#	Compound	Peak Area	RT (min)
1	Ethanol	2150	1.018
2	n-Propanol	1554	1.742



Ethanol 0.320 g/100mL

13064



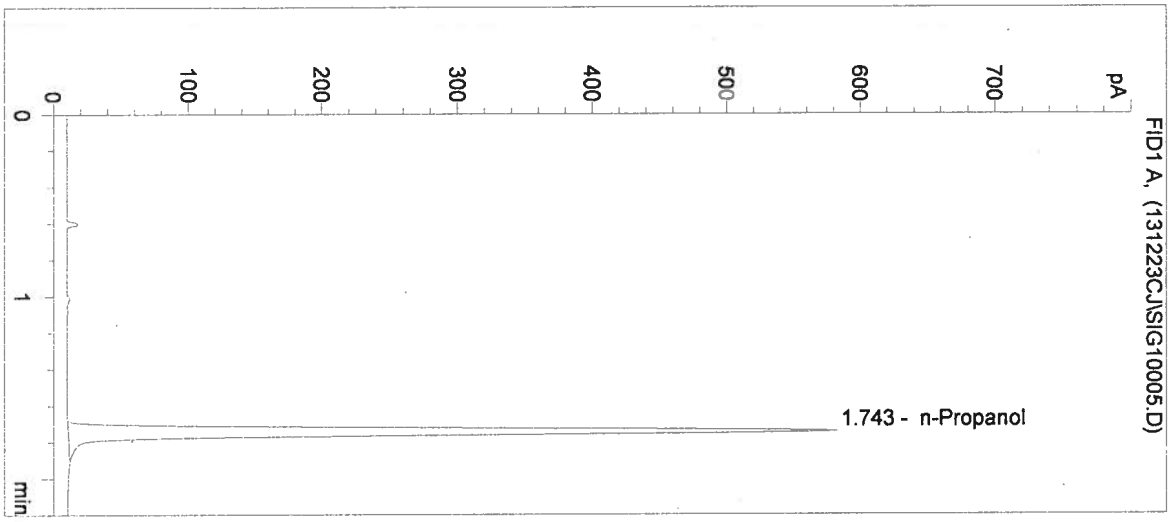
n-Propanol 0.012 g/100mL

CJ

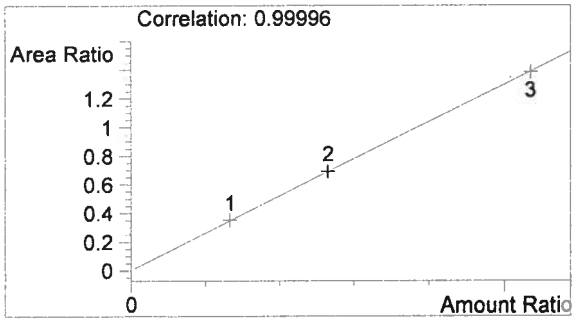
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 5:43:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 5

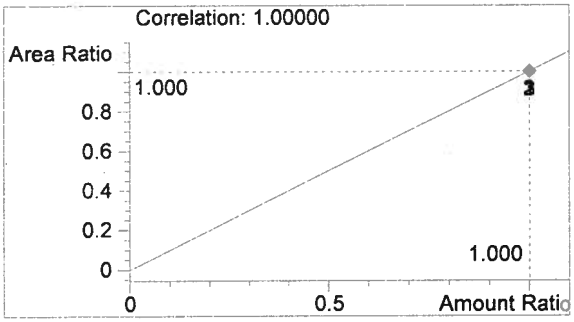


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1533	1.743



Ethanol 0.000 g/100mL

13064



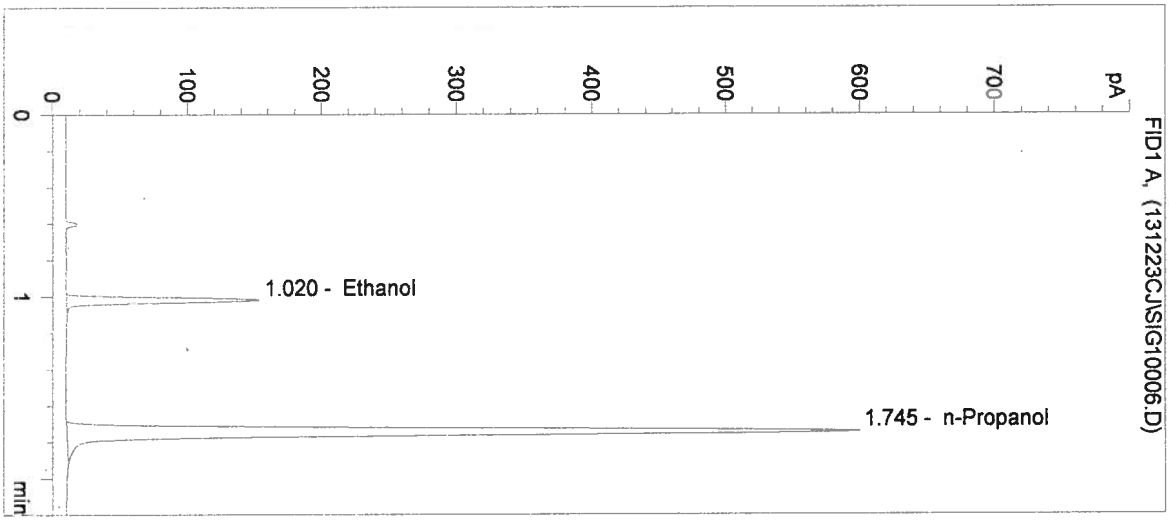
n-Propanol 0.012 g/100mL

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

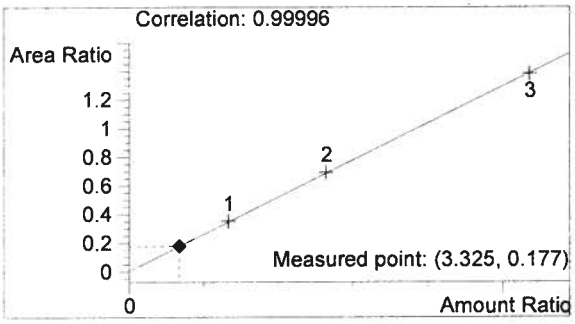
Inj. Date: 12/23/2013 5:47:05 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.04 CTRL-CJ
Operator: Chris Johnston
Location: Vial 6

->

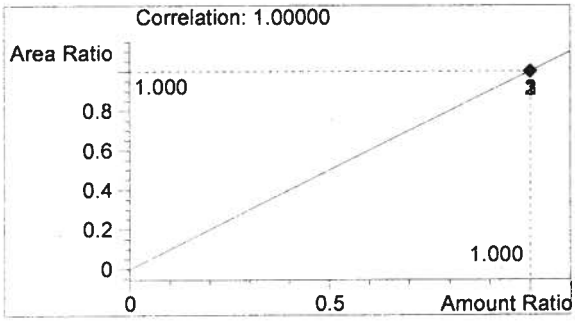


#	Compound	Peak Area	RT (min)
1	Ethanol	279	1.020
2	n-Propanol	1576	1.745



Ethanol 0.040 g/100mL

13064



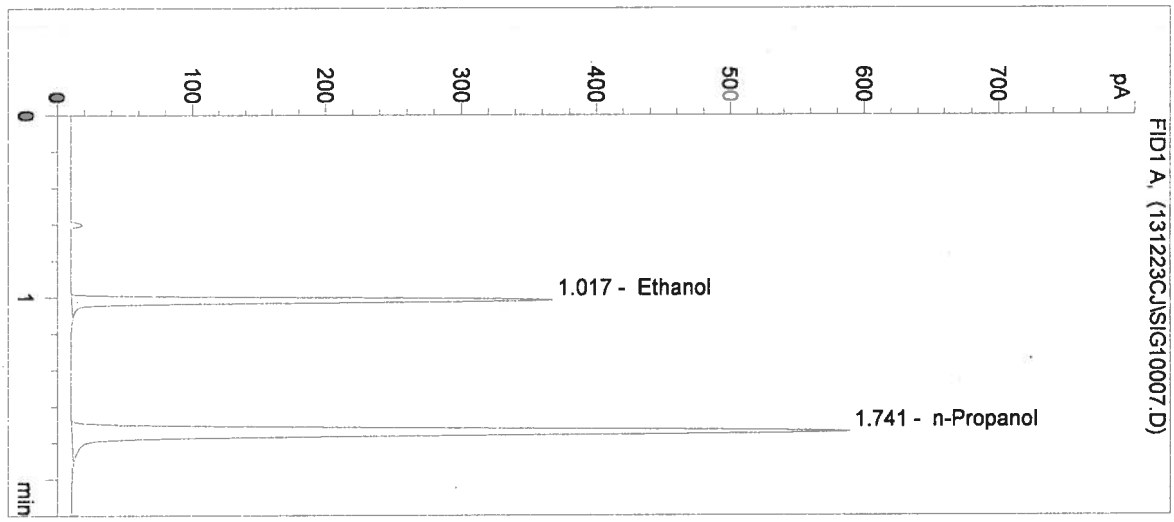
n-Propanol 0.012 g/100mL

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

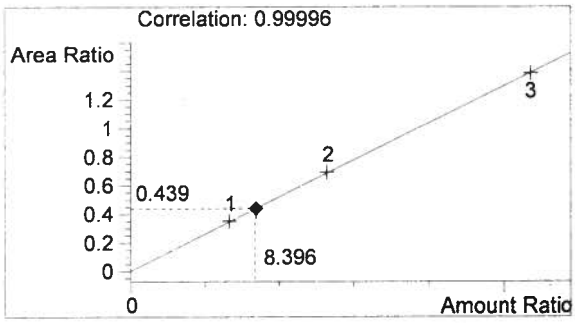
Inj. Date: 12/23/2013 5:50:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 7

->

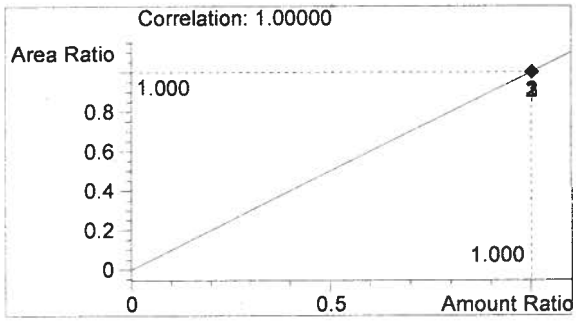


#	Compound	Peak Area	RT (min)
1	Ethanol	679	1.017
2	n-Propanol	1549	1.741



Ethanol 0.101 g/100mL

13064

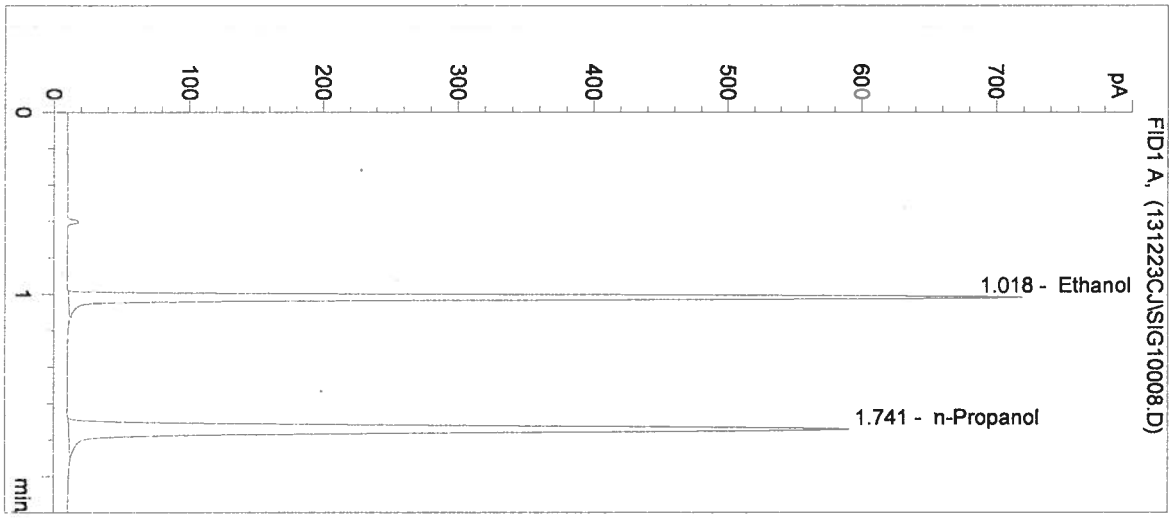


n-Propanol 0.012 g/100mL

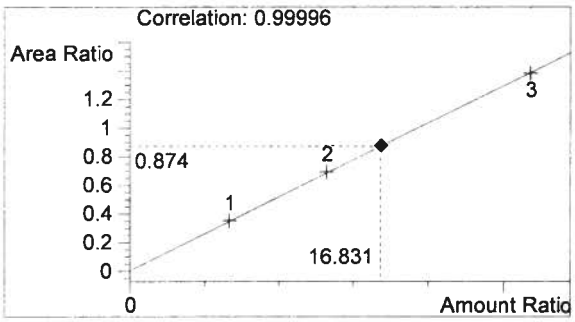
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 5:53:20 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.20 CTRL-CJ
Operator: Chris Johnston
Location: Vial 8

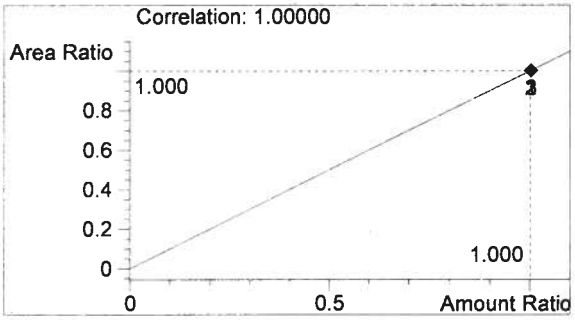


#	Compound	Peak Area	RT (min)
1	Ethanol	1354	1.018
2	n-Propanol	1549	1.741



Ethanol 0.202 g/100mL

13064

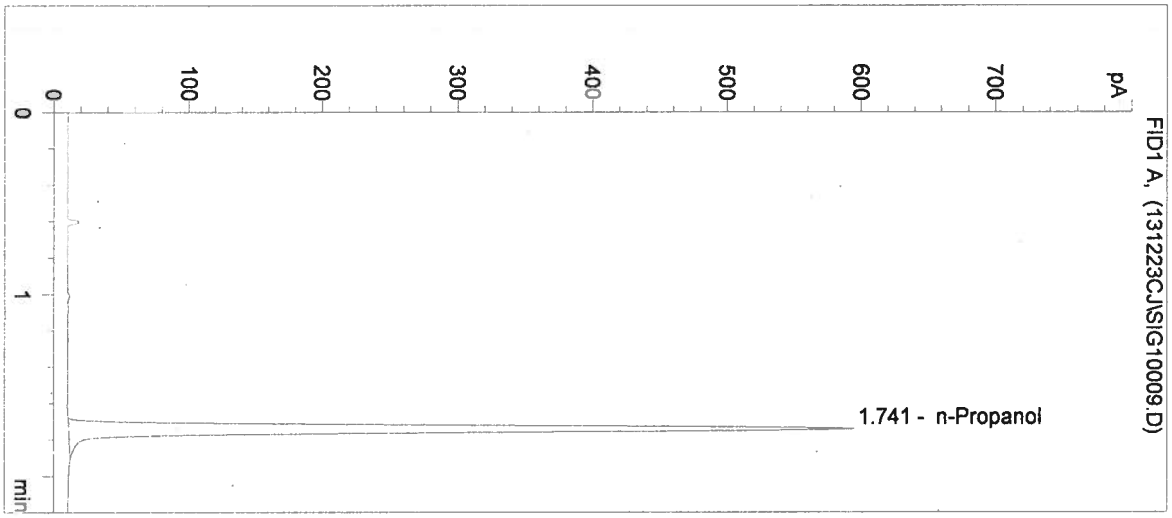


n-Propanol 0.012 g/100mL

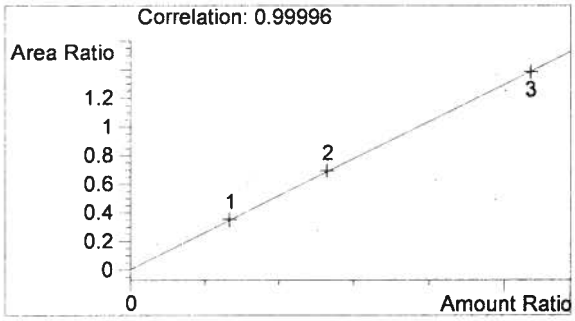
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 5:56:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 9

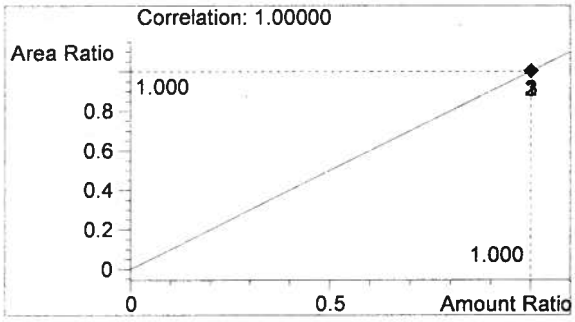


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1564	1.741



Ethanol 0.000 g/100mL

13064

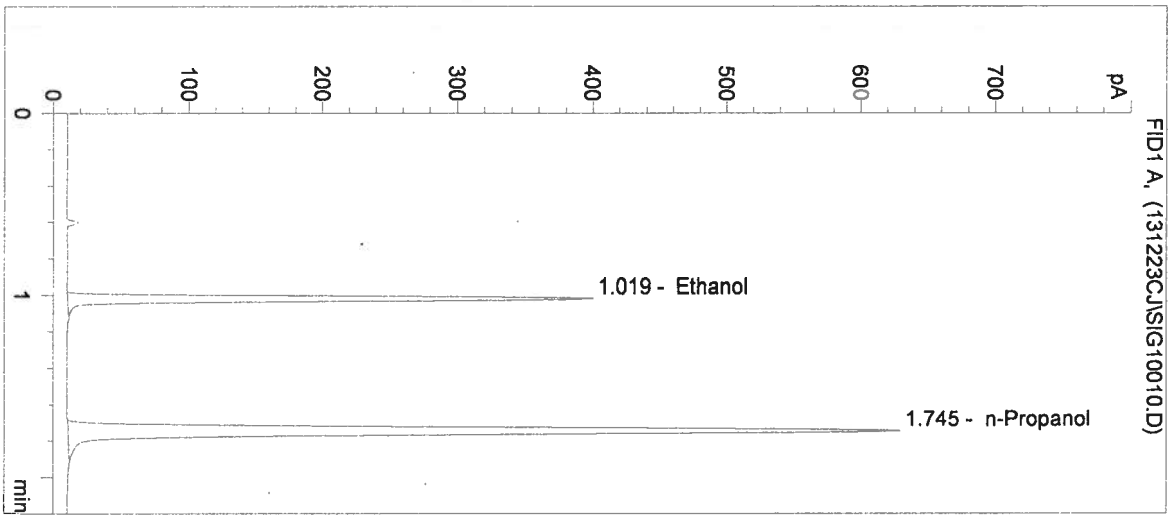


n-Propanol 0.012 g/100mL

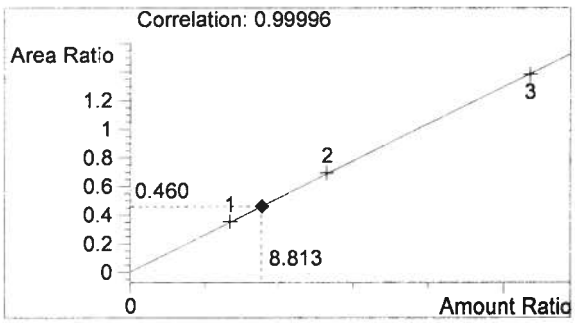
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 5:59:35 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

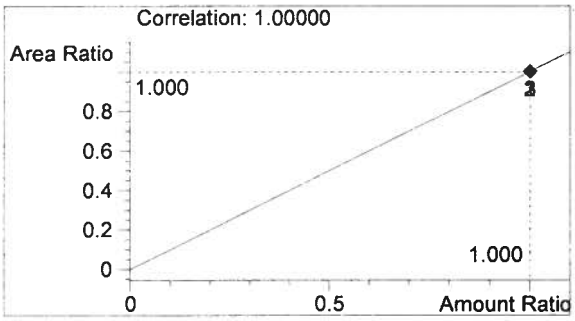
Sample Name: ESS 13064 #1
Operator: Chris Johnston
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	762	1.019
2	n-Propanol	1657	1.745



Ethanol 0.106 g/100mL

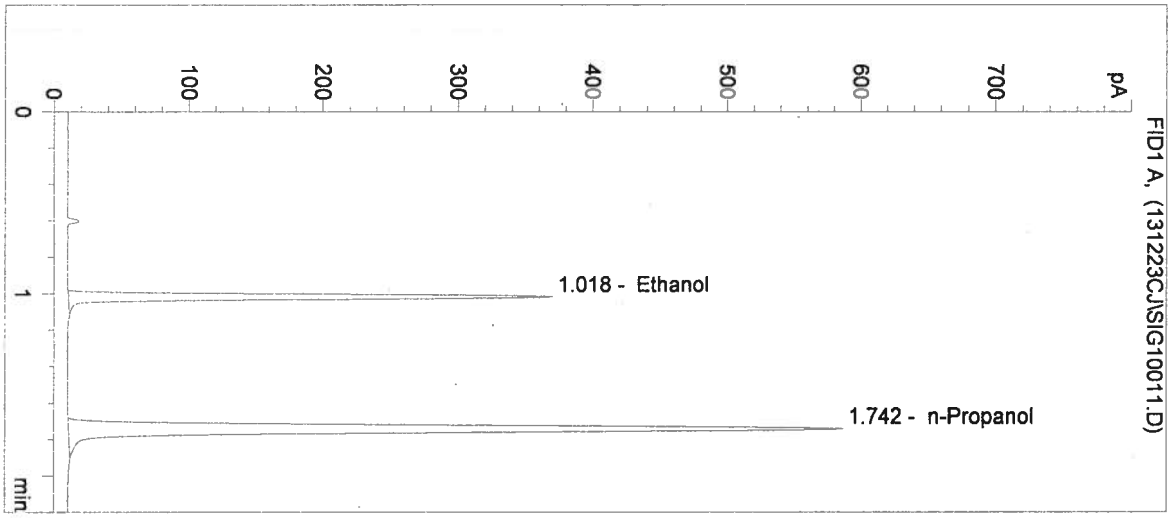


n-Propanol 0.012 g/100mL

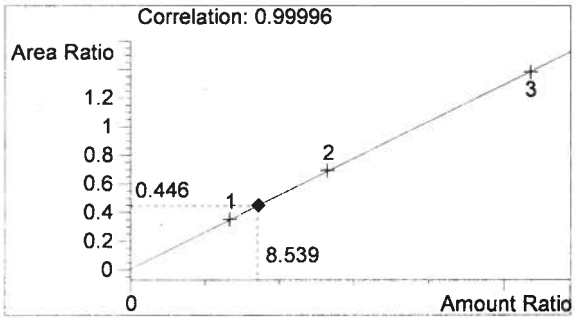
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 6:02:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

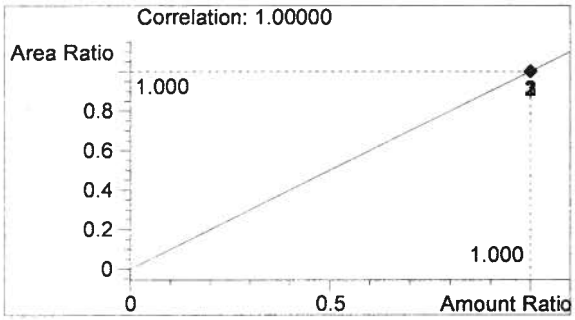
Sample Name: ESS 13064 #2
Operator: Chris Johnston
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	687	1.018
2	n-Propanol	1540	1.742



Ethanol 0.102 g/100mL

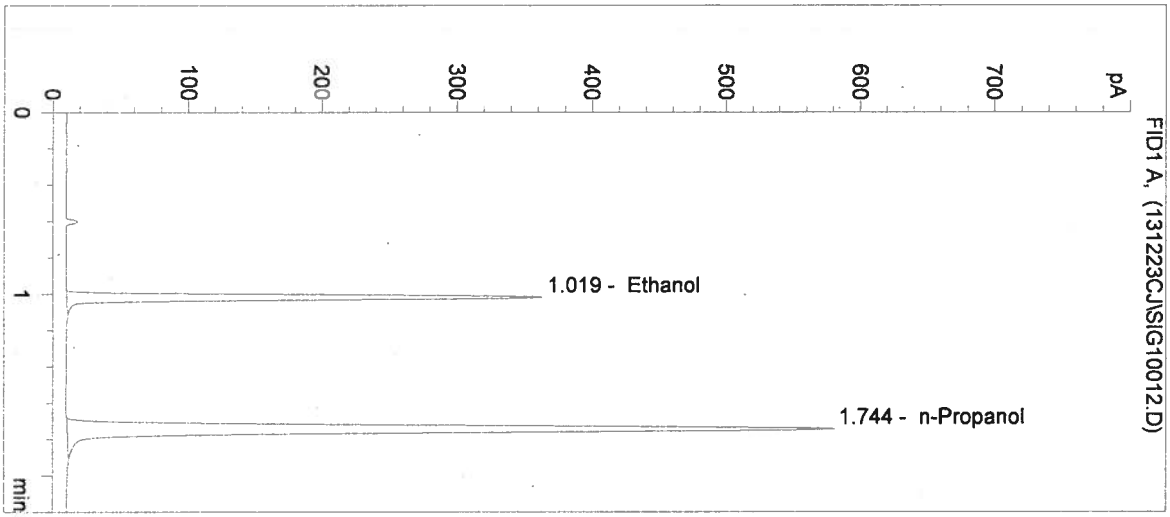


n-Propanol 0.012 g/100mL

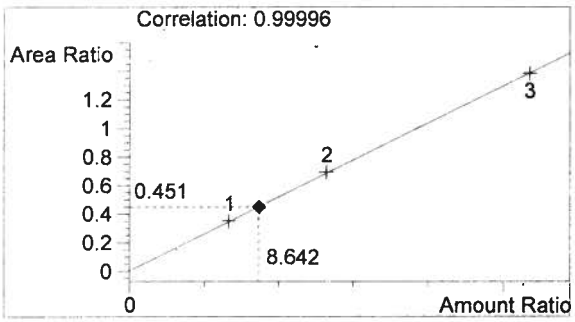
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 6:05:50 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

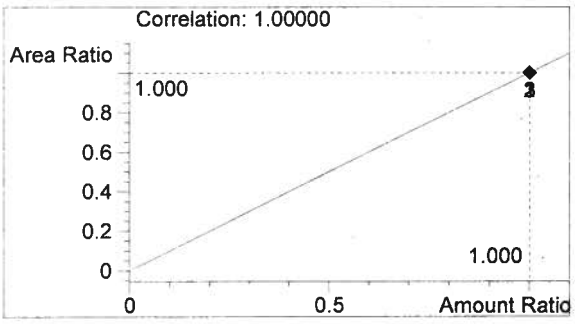
Sample Name: ESS 13064 #3
Operator: Chris Johnston
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	688	1.019
2	n-Propanol	1526	1.744



Ethanol 0.104 g/100mL

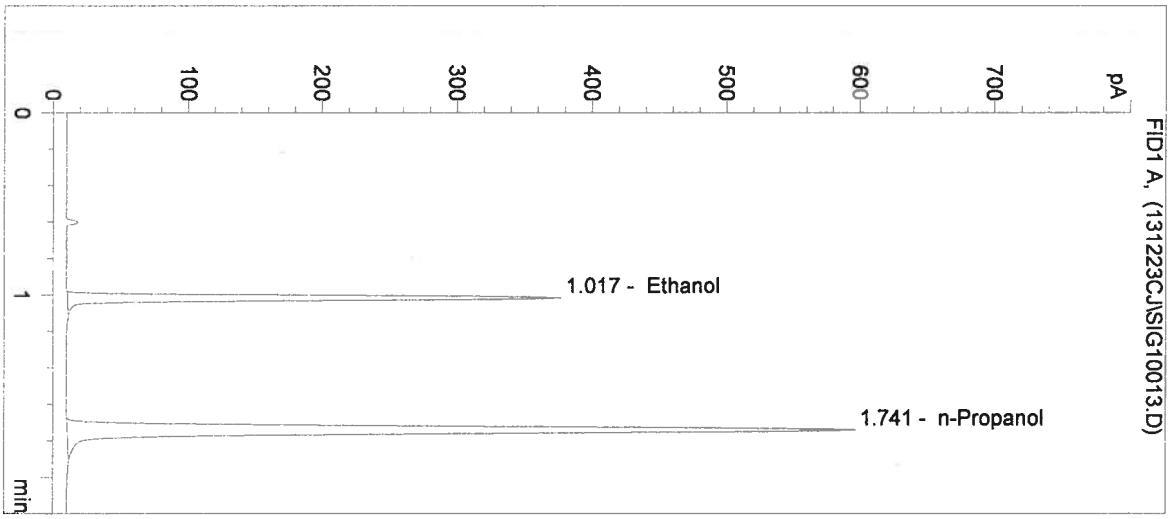


n-Propanol 0.012 g/100mL

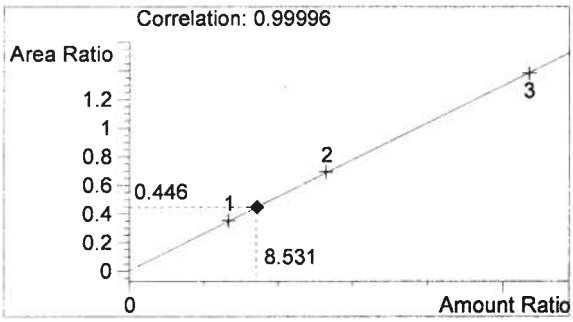
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 6:08:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

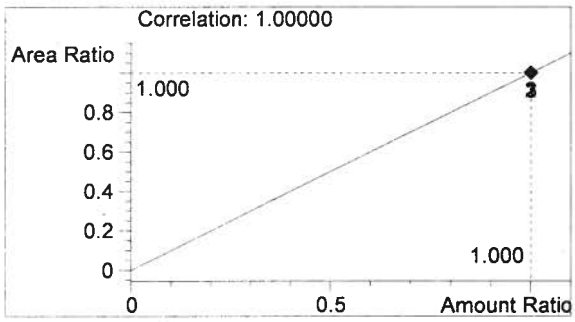
Sample Name: ESS 13064 #4
Operator: Chris Johnston
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	699	1.017
2	n-Propanol	1569	1.741



Ethanol 0.102 g/100mL



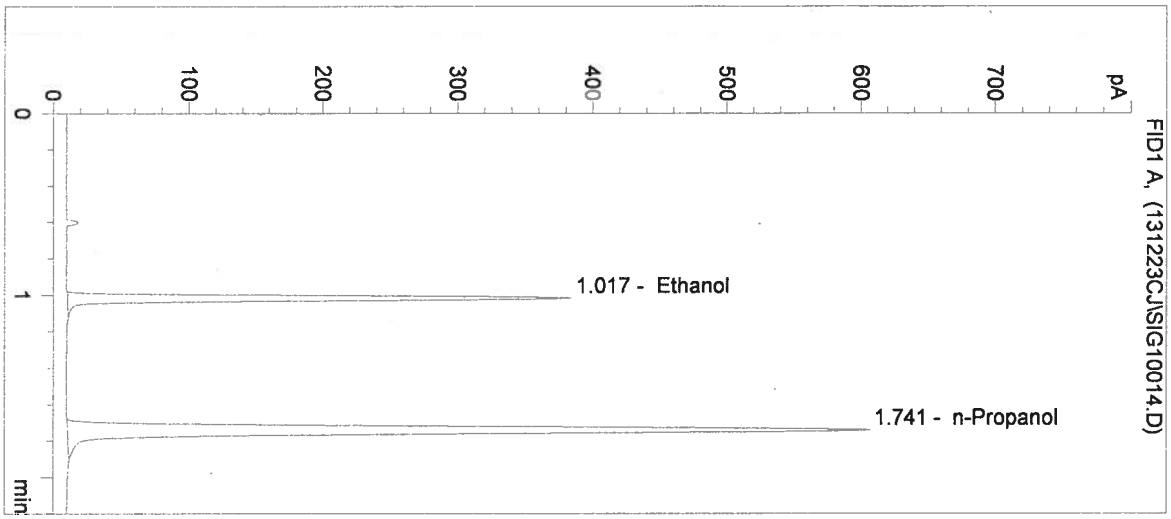
n-Propanol 0.012 g/100mL

W

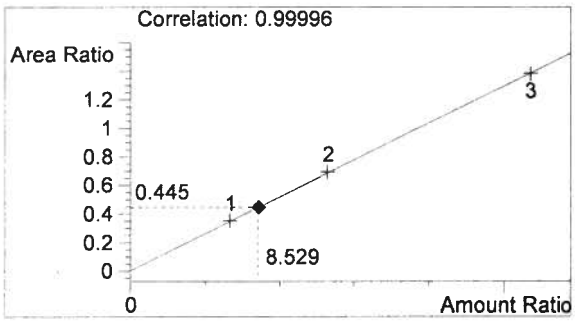
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 6:12:05 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

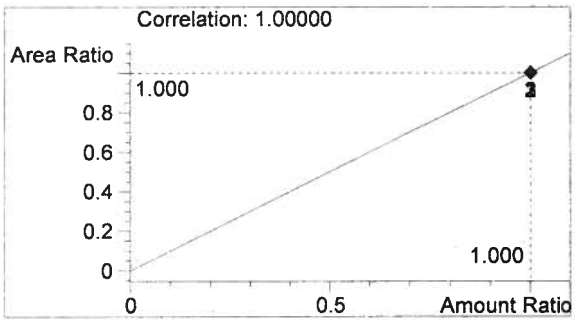
Sample Name: ESS 13064 #5
Operator: Chris Johnston
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	712	1.017
2	n-Propanol	1600	1.741



Ethanol 0.102 g/100mL

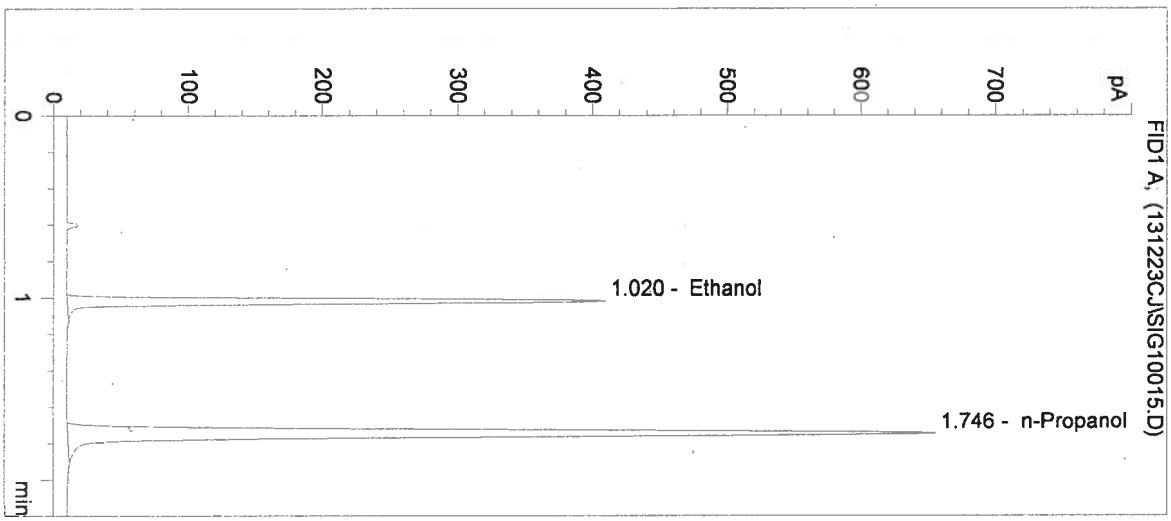


n-Propanol 0.012 g/100mL

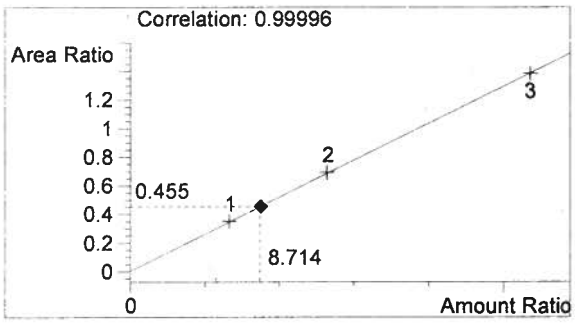
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 6:15:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 15

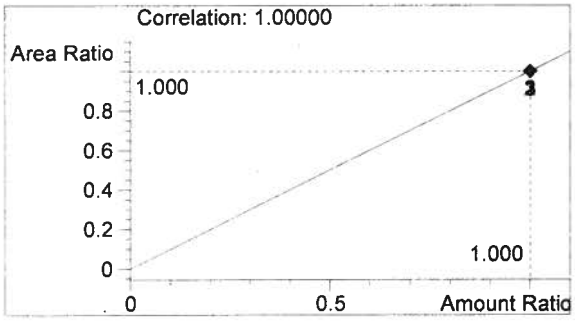


#	Compound	Peak Area	RT (min)
1	Ethanol	785	1.020
2	n-Propanol	1725	1.746



Ethanol 0.105 g/100mL

13064

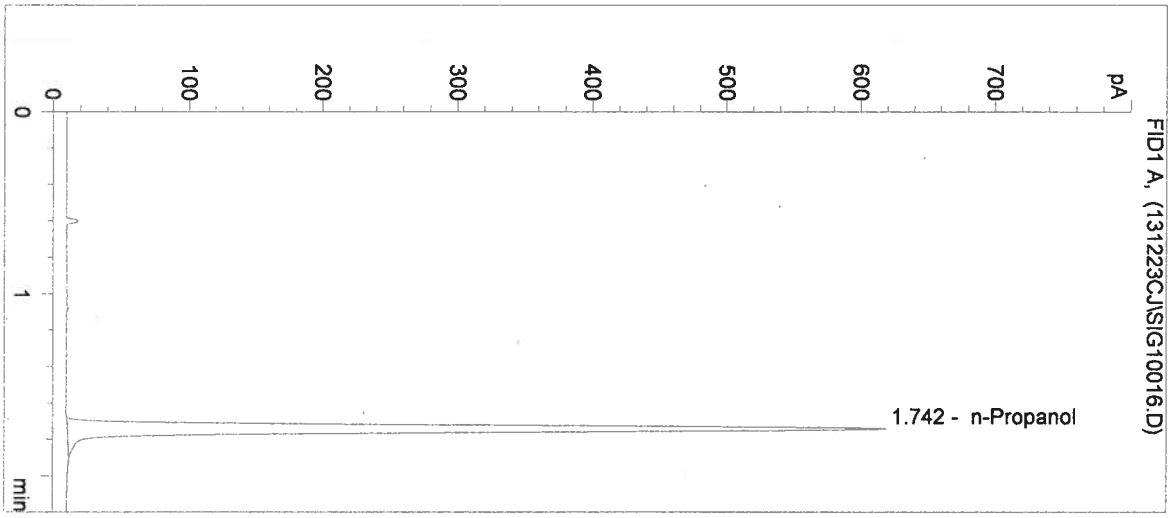


n-Propanol 0.012 g/100mL

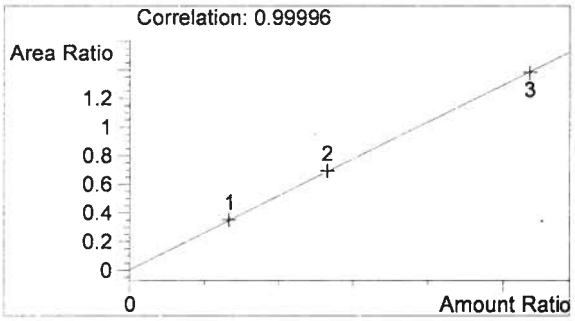
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 6:18:20 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 16

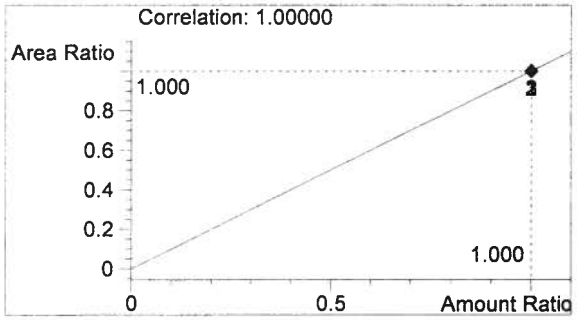


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1626	1.742



Ethanol 0.000 g/100mL

13064



n-Propanol 0.012 g/100mL

Sequence Parameters:

Operator:	Dawn Sklerov
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:	131223DS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 Calibrator 1 - Lot# E1213-01 - Exp. 6/3/2014
0.158 Calibrator 2 - Lot# E1213-02 - Exp. 6/3/2014
0.316 Calibrator 3 - Lot# E1213-03 - Exp. 6/3/2014
0.04 Control 1 - Lot# FN120110-04 - Exp. 12/2015
0.10 Control 2 - Lot# A095230 - Exp. 09/2017
0.20 Control 3 - Lot# FN100511-01 - Exp. 10/2016
n-Propanol ISTD - Lot# P1113 - Exp. 02/14/2014

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	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	13064 #1	SIMALC3	1	Sample		
11	Vial 11	13064 #2	SIMALC3	1	Sample		
12	Vial 12	13064 #3	SIMALC3	1	Sample		
13	Vial 13	13064 #4	SIMALC3	1	Sample		
14	Vial 14	13064 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	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	

DS

Sequence: C:\HPCHEM\2\SEQUENCE\DSESS.S

Sequence Table (Back Injector):

No entries - empty table!

13064

131223DS
DS 12-23-13

DS

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

Calibration Table

Calib. Data Modified : Monday, December 23, 2013 1:41:05 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.017	1	1	8.00300e-2	554.74622	1.44264e-4	1		Ethanol
		2	1.58560e-1	1080.68640	1.46722e-4			
		3	3.21220e-1	2135.23486	1.50438e-4			
1.741	1	1	1.20000e-2	1554.48462	7.71960e-6	I1		n-Propanol
		2	1.20000e-2	1523.34570	7.87740e-6			
		3	1.20000e-2	1536.96143	7.80761e-6			

Peak Sum Table

No Entries in table

13064

DS

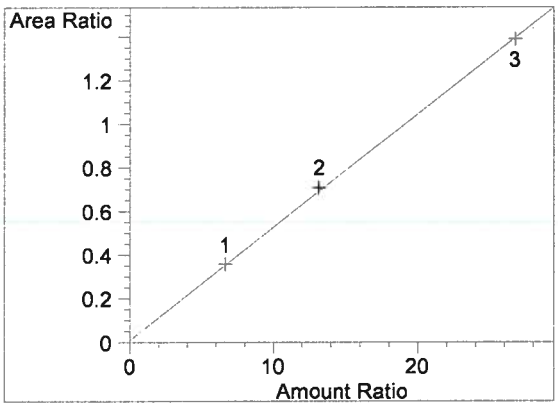
DS12-23-13

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

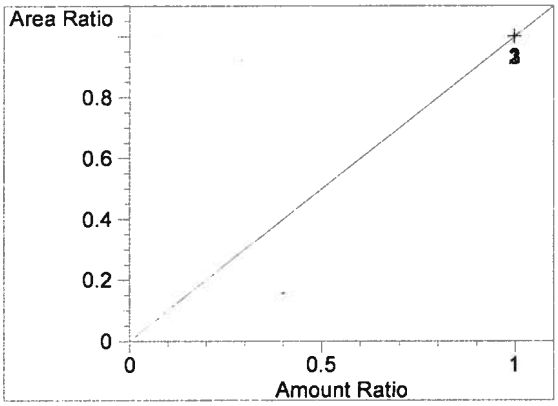
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99982
Residual Std. Dev.: 0.01375
Formula: y = mx + b
m: 5.18559e-2
b: 9.10474e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.741
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

13064

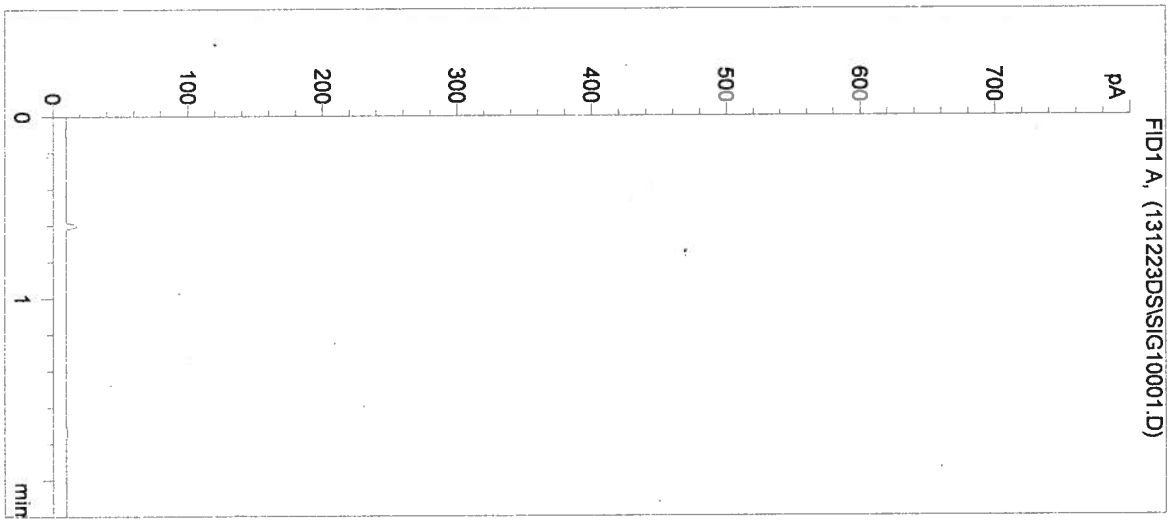
DS 12.23.13

DS

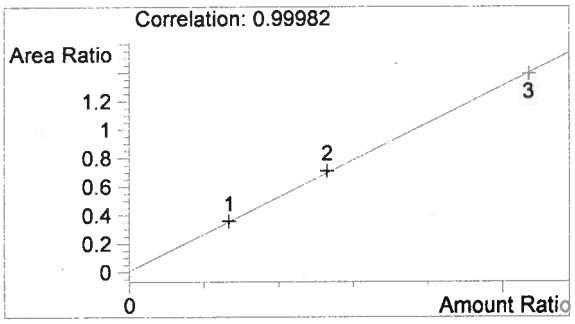
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 1:29:30 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

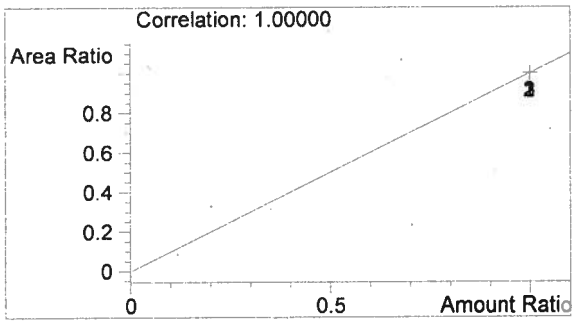
Sample Name: BLANK
Operator: Dawn Sklerov
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

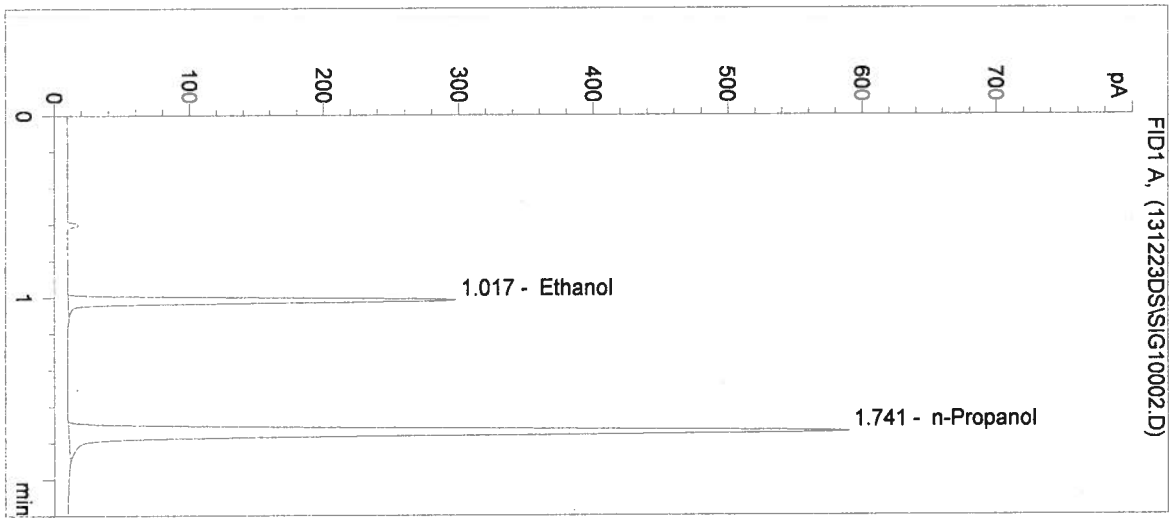
13064

DS

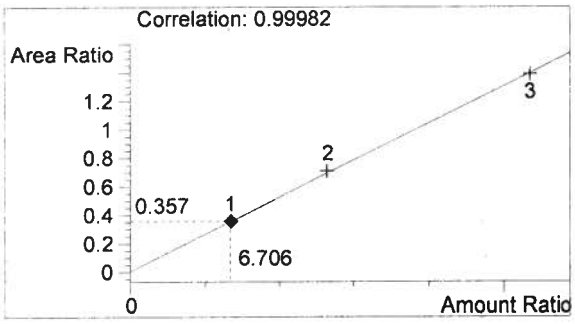
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 1:32:37 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

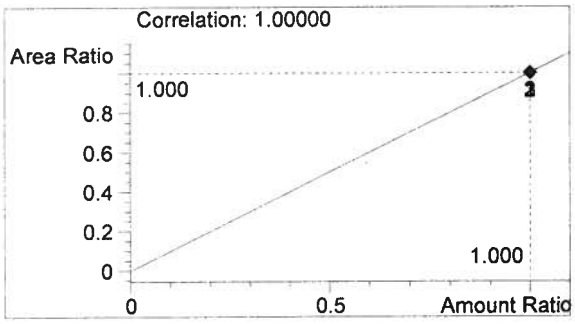
Sample Name: CAL1 0.079
Operator: Dawn Sklerov
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	555	1.017
2	n-Propanol	1554	1.741



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

13064

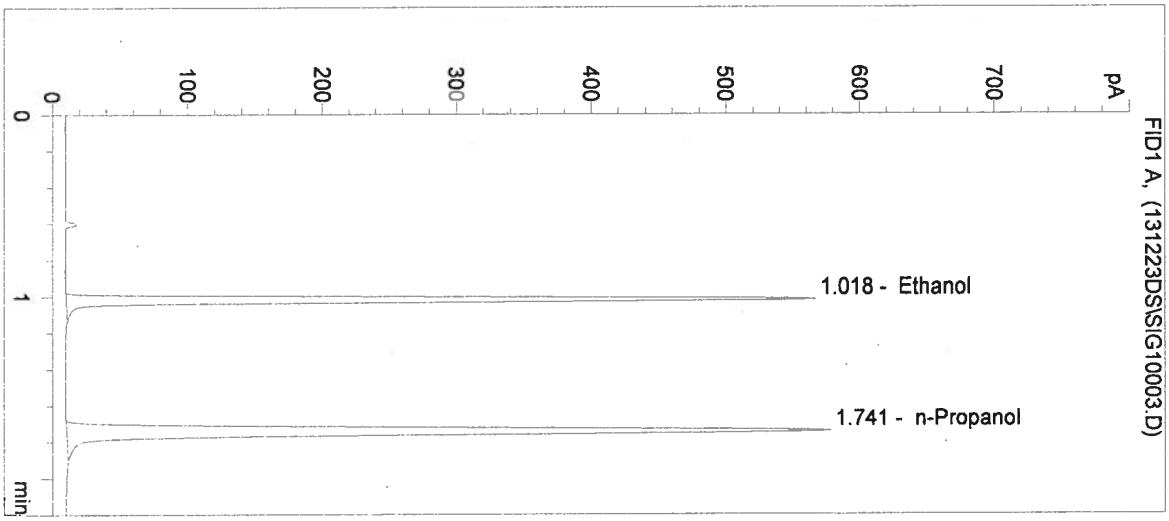
Data File: C:\HPCHEM\2\DATA\131223DS\SIG10002.D

DS

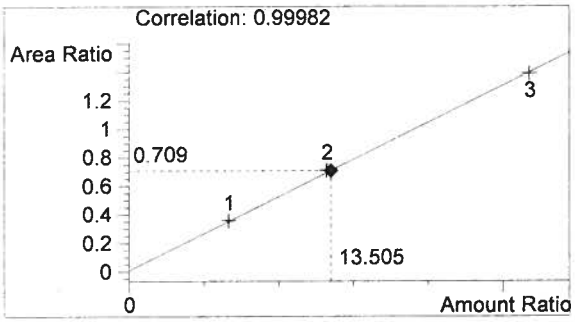
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 1:35:45 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

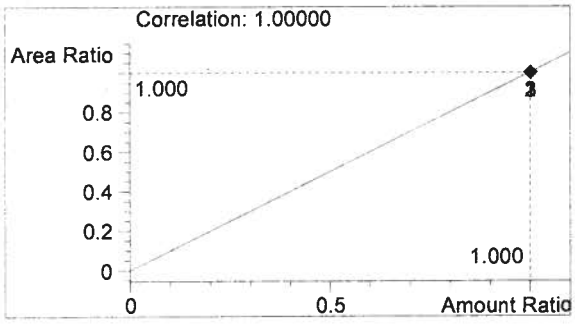
Sample Name: CAL2 0.158
Operator: Dawn Sklerov
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1081	1.018
2	n-Propanol	1523	1.741



Ethanol 0.162 g/100mL



n-Propanol 0.012 g/100mL

13064

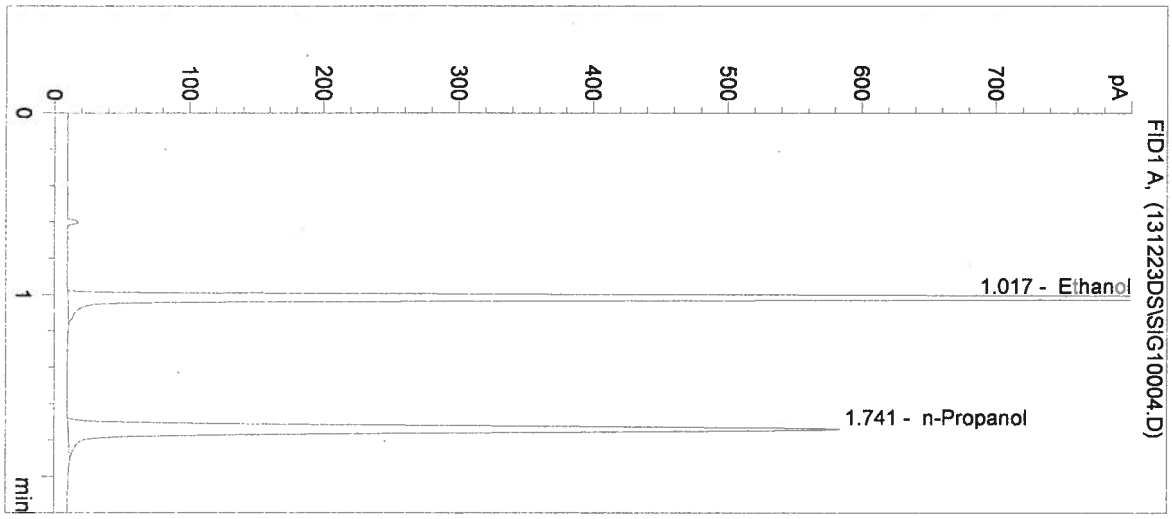
DS

Data File: C:\HPCHEM\2\DATA\131223DS\SIG10003.D

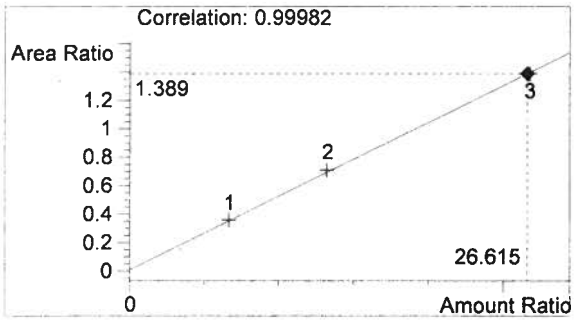
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 1:38:52 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

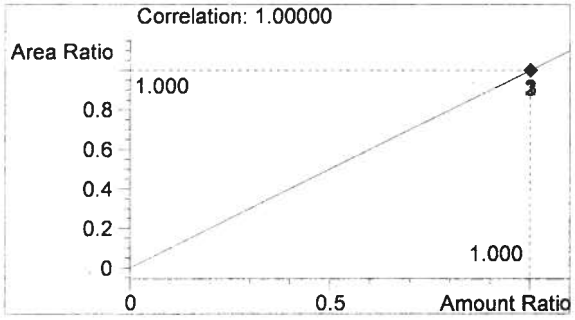
Sample Name: CAL3 0.316
Operator: Dawn Sklerov
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2135	1.017
2	n-Propanol	1537	1.741



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

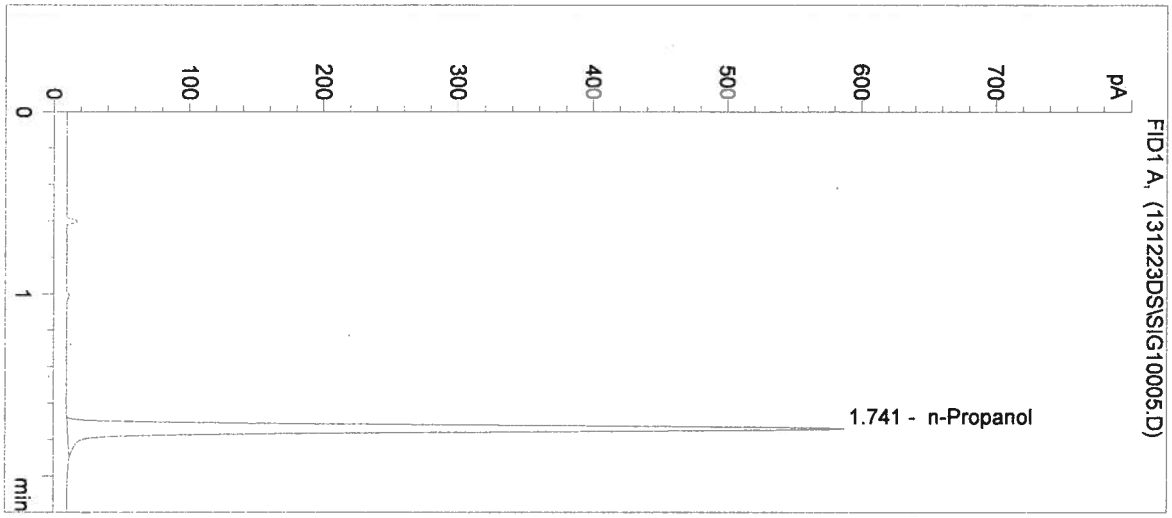
13064

DS

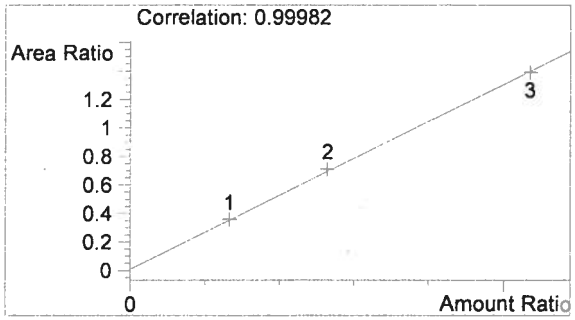
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 1:42:00 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

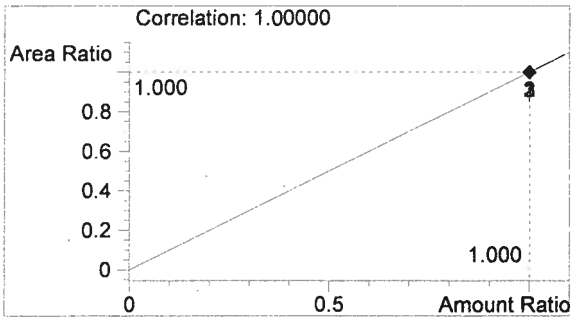
Sample Name: NEG CTRL
Operator: Dawn Sklerov
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1548	1.741



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

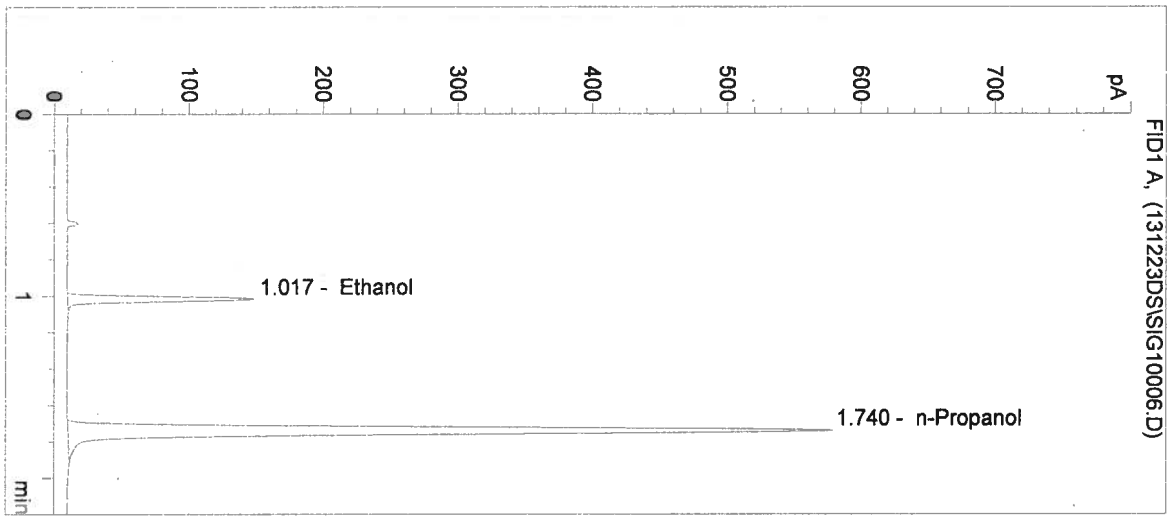
13064

DS

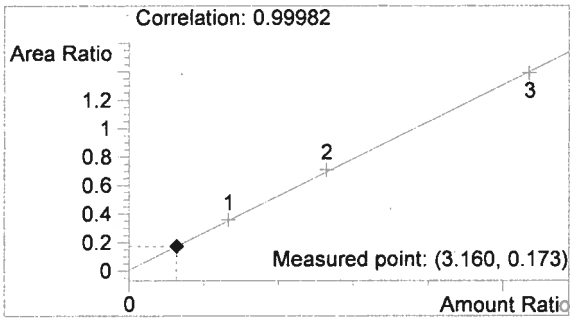
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 1:45:07 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

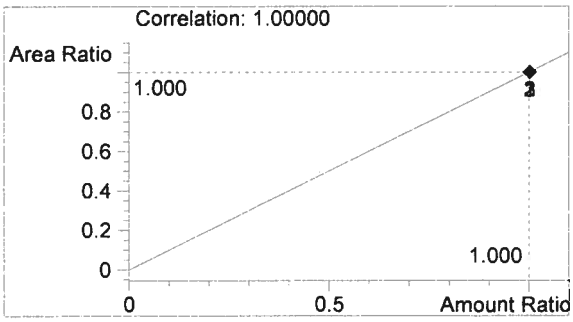
Sample Name: 0.04 CTRL
Operator: Dawn Sklerov
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	264	1.017
2	n-Propanol	1524	1.740



Ethanol 0.038 g/100mL



n-Propanol 0.012 g/100mL

13064

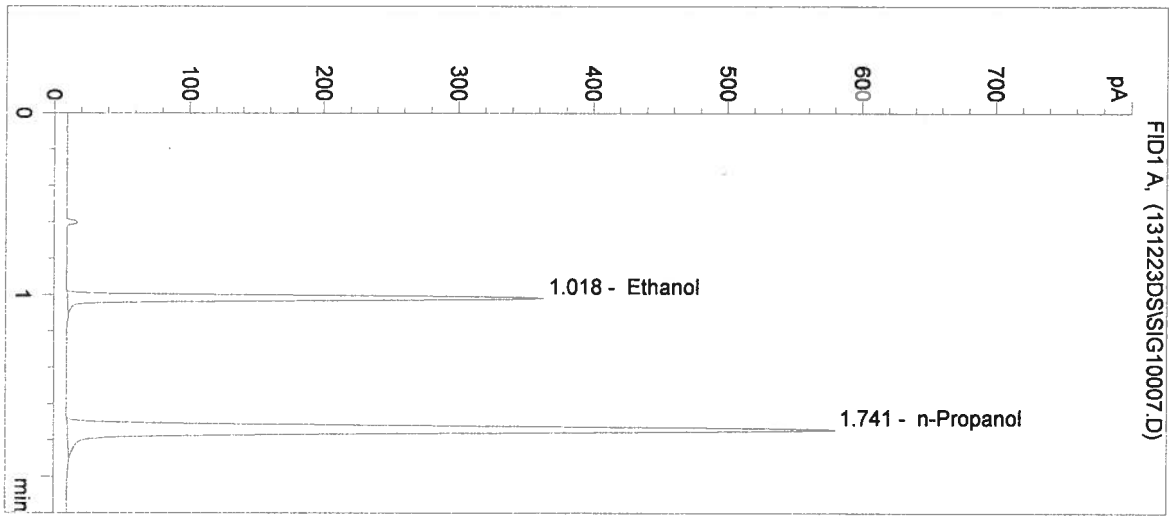
Data File: C:\HPCHEM\2\DATA\131223DS\SIG10006.D

DS

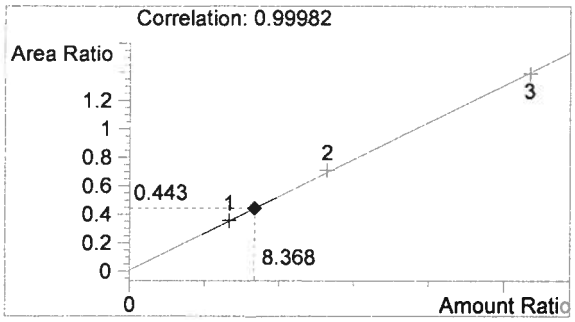
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 1:48:15 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

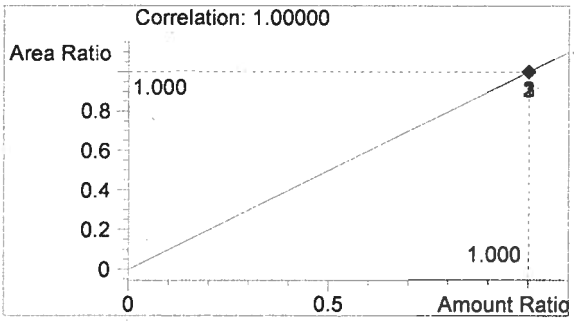
Sample Name: 0.10 CTRL
Operator: Dawn Sklerov
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	678	1.018
2	n-Propanol	1531	1.741



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

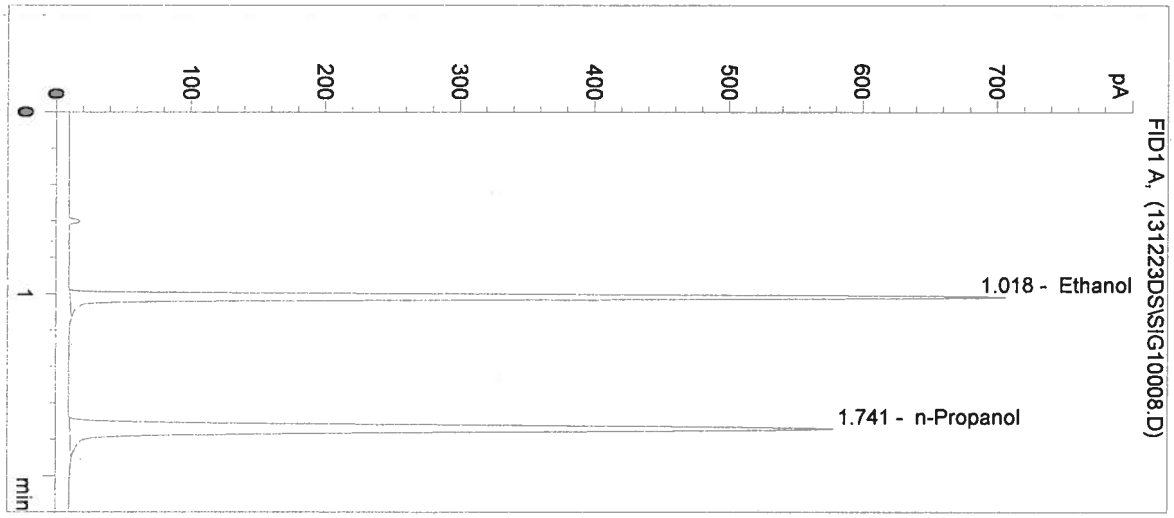
13064

DS

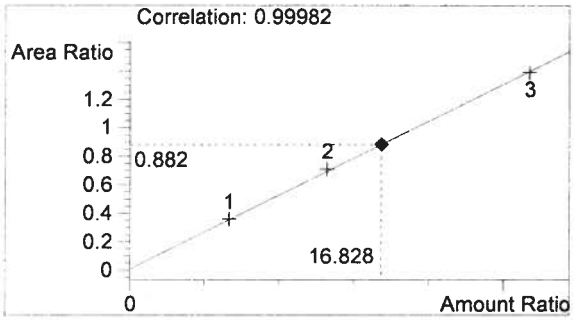
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 1:51:22 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

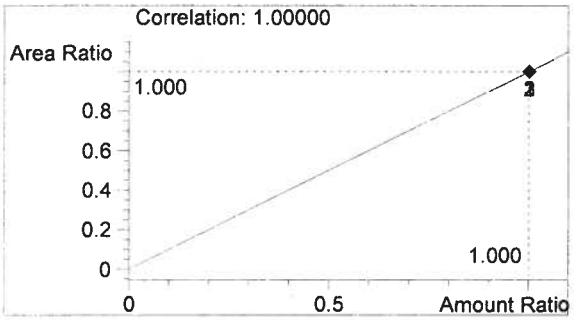
Sample Name: 0.20 CTRL
Operator: Dawn Sklerov
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1342	1.018
2	n-Propanol	1522	1.741



Ethanol 0.202 g/100mL



n-Propanol 0.012 g/100mL

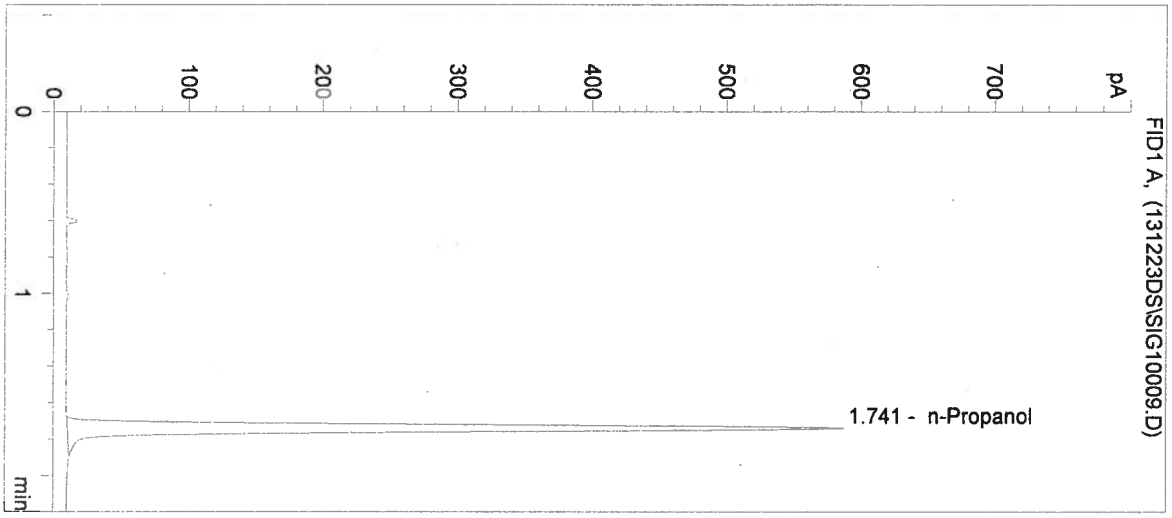
13064

DS

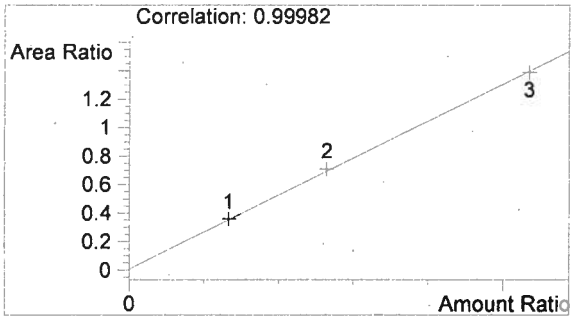
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 1:54:30 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

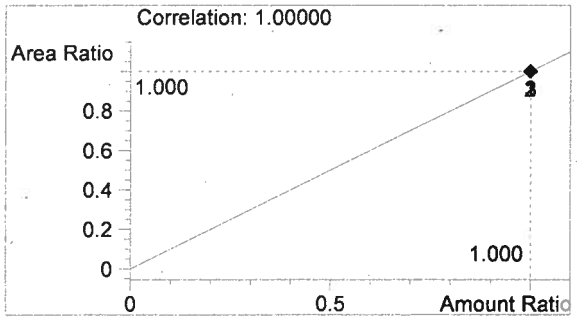
Sample Name: NEG CTRL
Operator: Dawn Sklerov
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1546	1.741



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

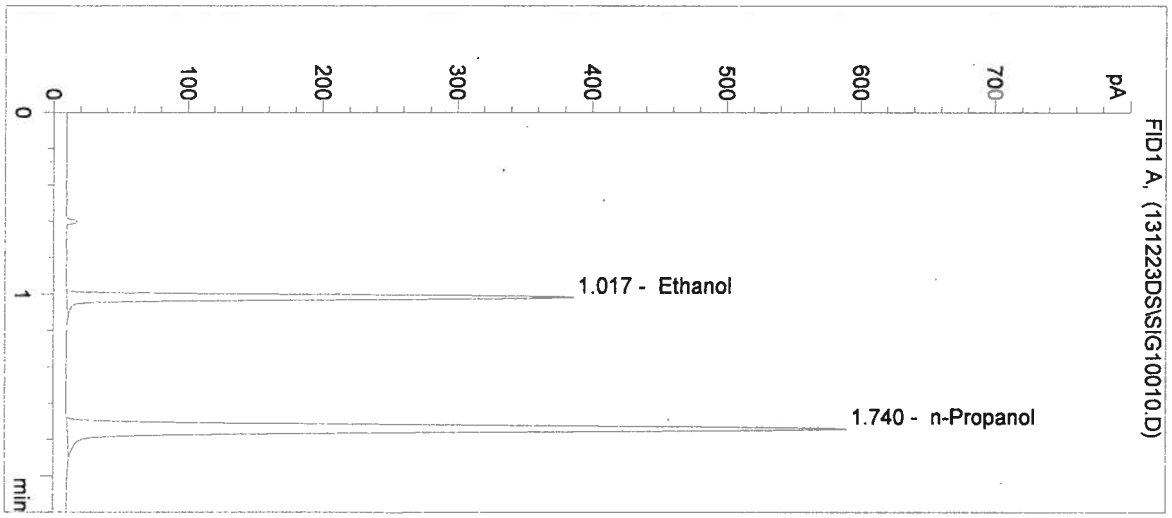
13064

DS

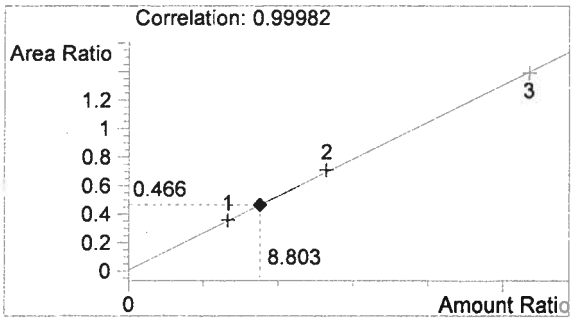
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 1:57:37 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

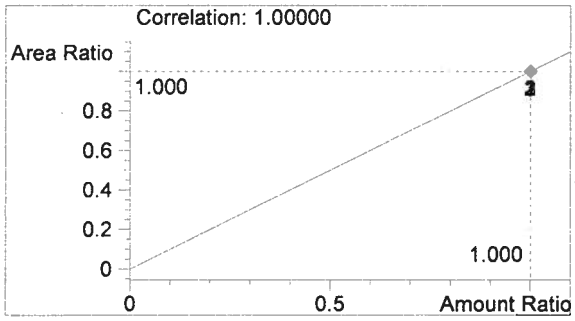
Sample Name: 13064 #1
Operator: Dawn Sklerov
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	723	1.017
2	n-Propanol	1552	1.740



Ethanol 0.106 g/100mL



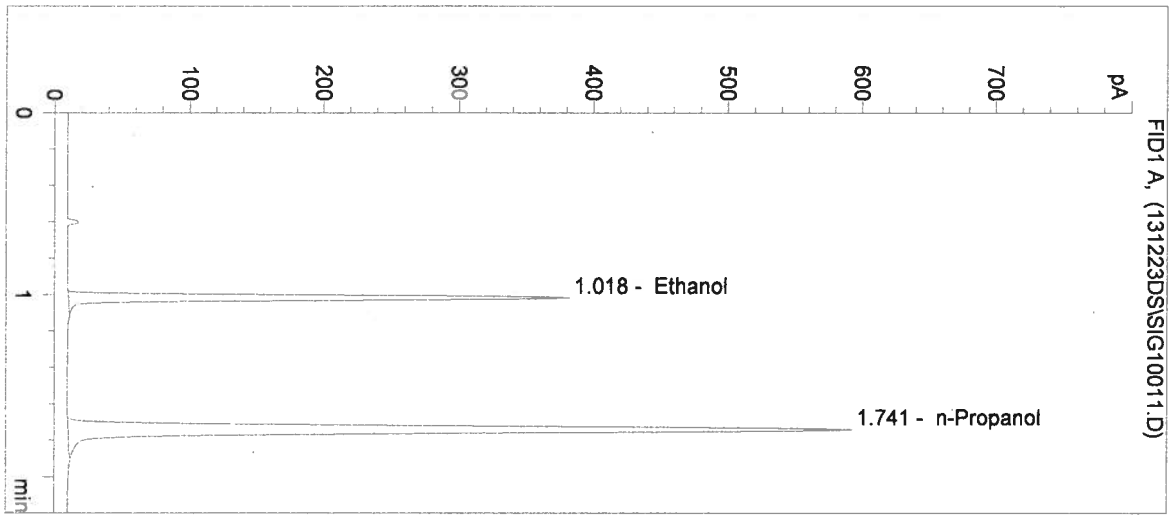
n-Propanol 0.012 g/100mL

DS

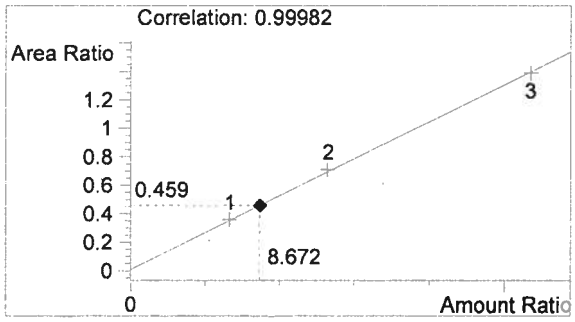
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 2:00:45 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

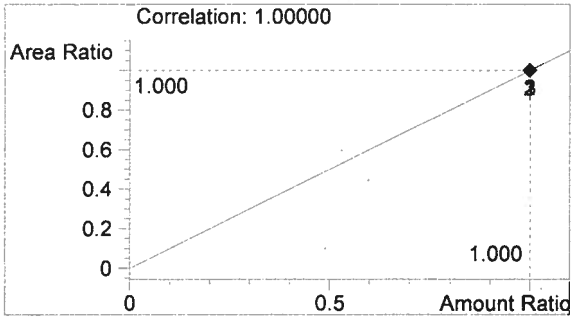
Sample Name: 13064 #2
Operator: Dawn Sklerov
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	716	1.018
2	n-Propanol	1560	1.741



Ethanol 0.104 g/100mL



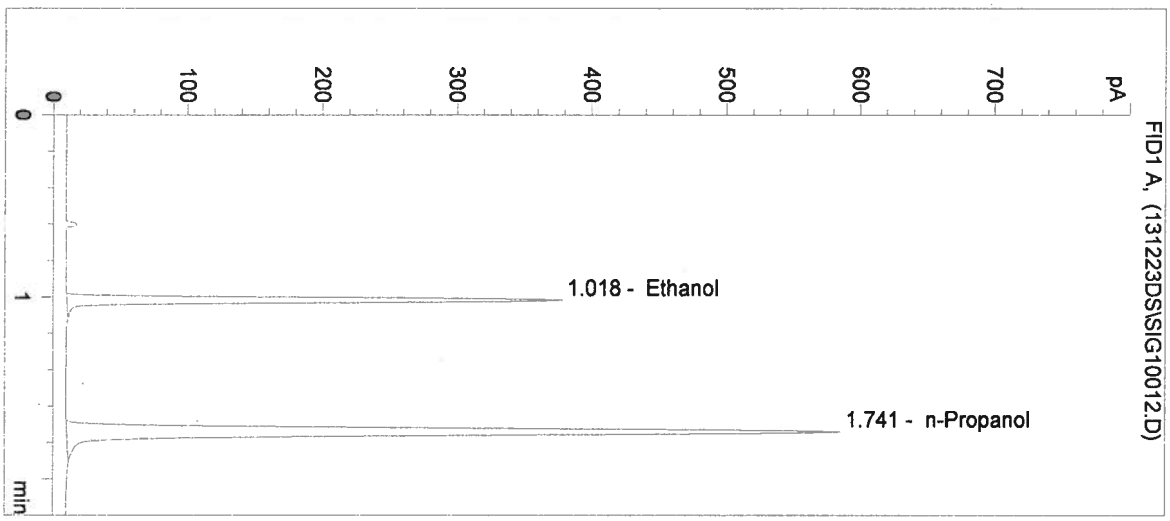
n-Propanol 0.012 g/100mL

DS

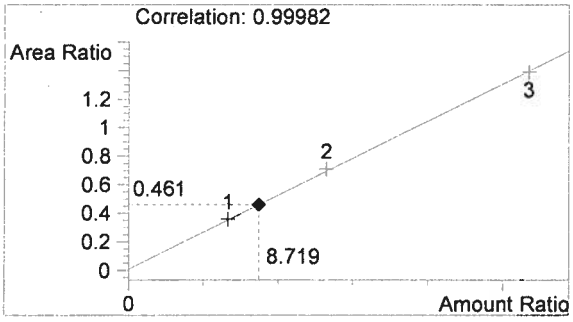
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 2:03:52 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

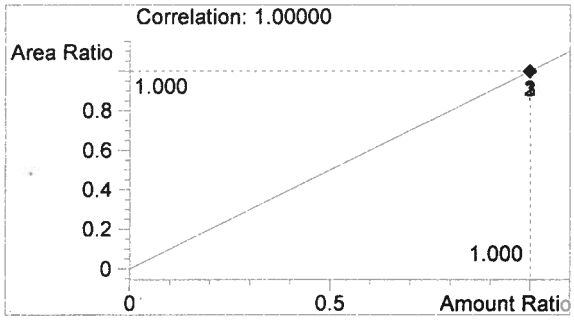
Sample Name: 13064 #3
Operator: Dawn Sklerov
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	712	1.018
2	n-Propanol	1543	1.741



Ethanol 0.105 g/100mL



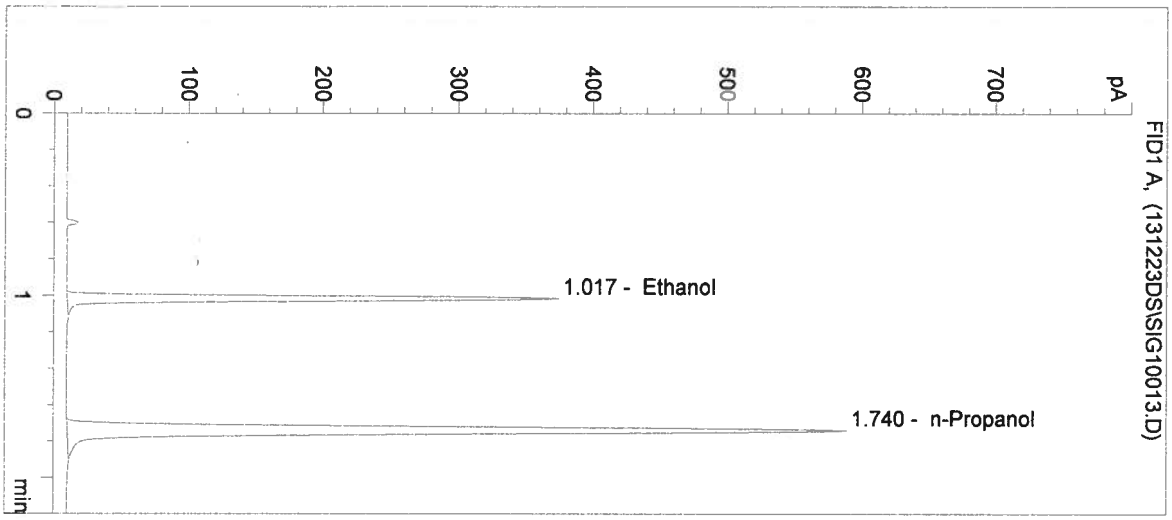
n-Propanol 0.012 g/100mL

DS

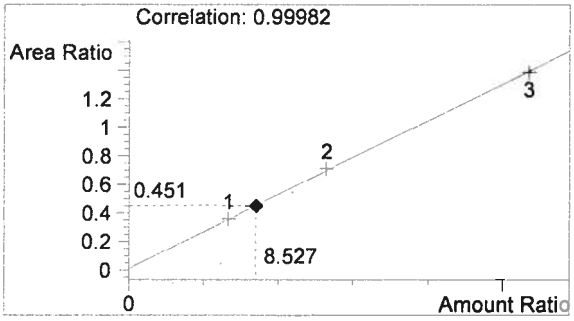
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 2:07:00 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

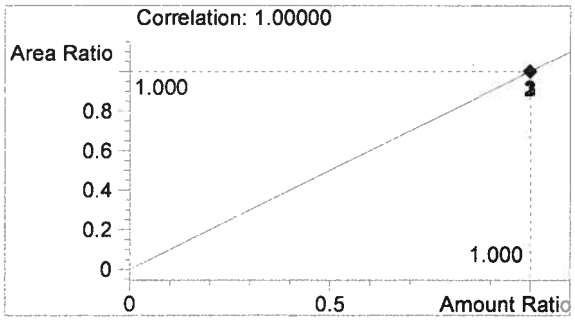
Sample Name: 13064 #4
Operator: Dawn Sklerov
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	700	1.017
2	n-Propanol	1552	1.740



Ethanol 0.102 g/100mL



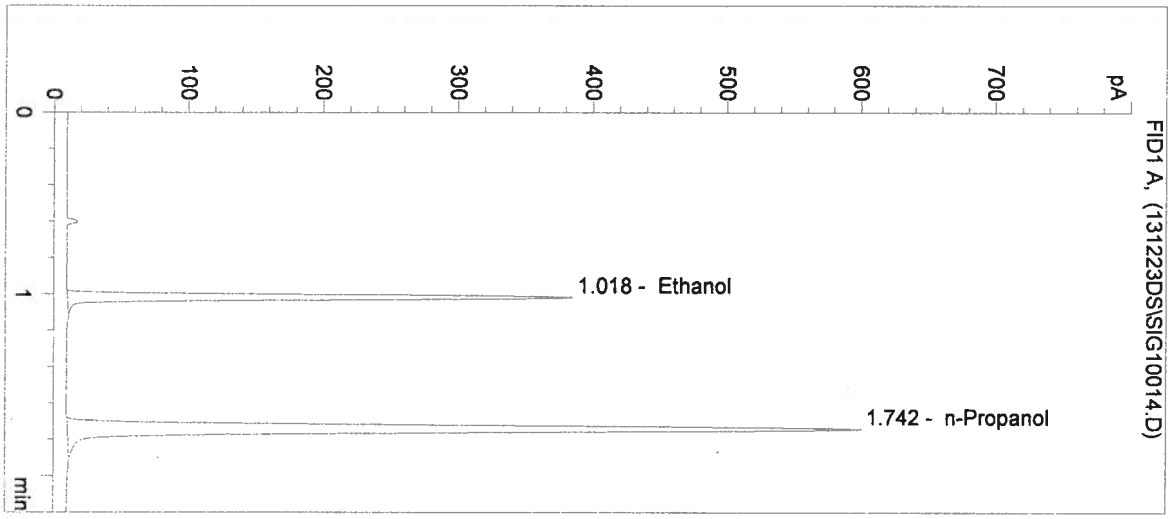
n-Propanol 0.012 g/100mL

DS

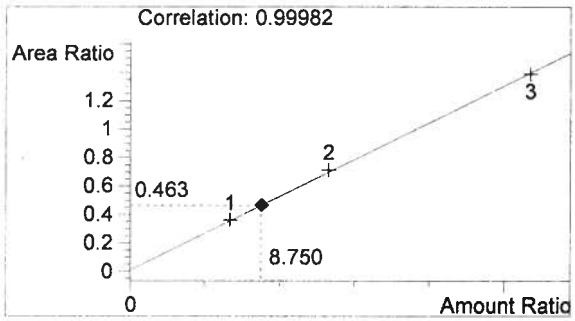
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 2:10:07 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

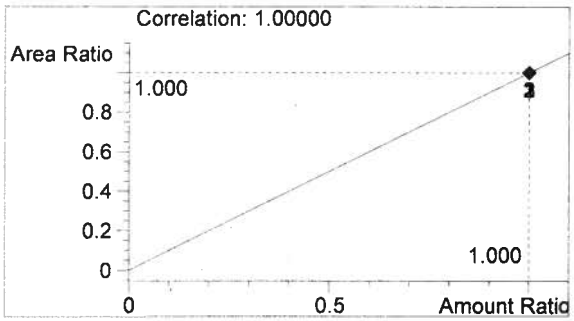
Sample Name: 13064 #5
Operator: Dawn Sklerov
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	732	1.018
2	n-Propanol	1581	1.742



Ethanol 0.105 g/100mL



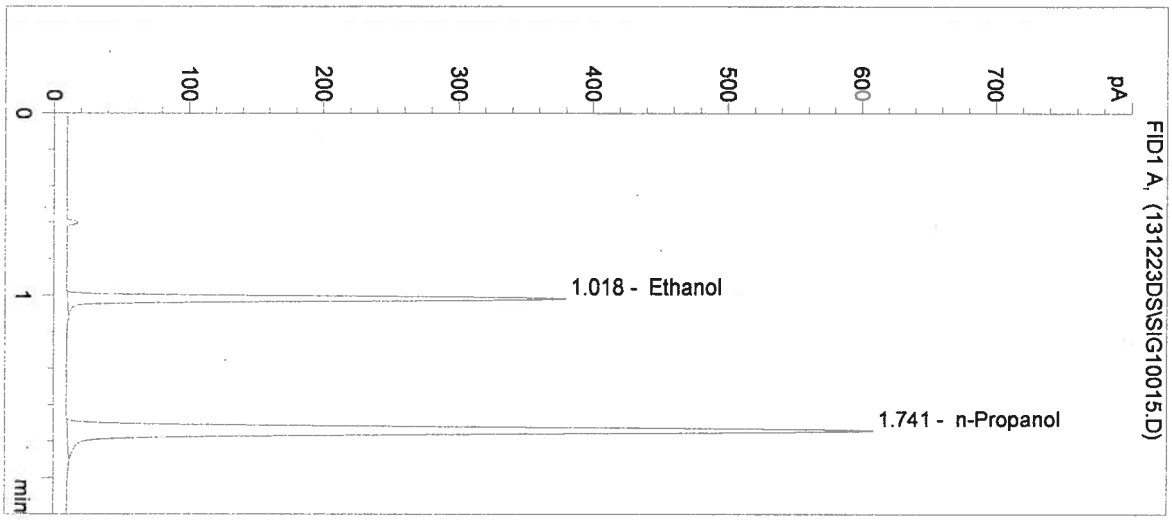
n-Propanol 0.012 g/100mL

DS

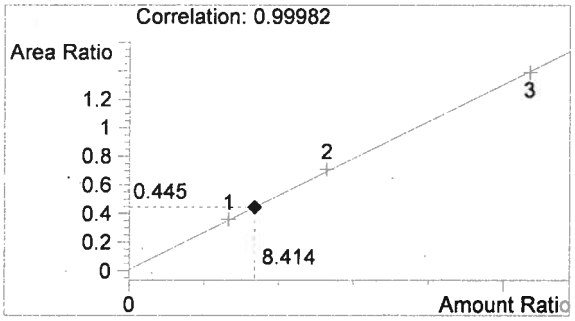
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 2:13:15 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.10 CTRL
Operator: Dawn Sklerov
Location: Vial 15

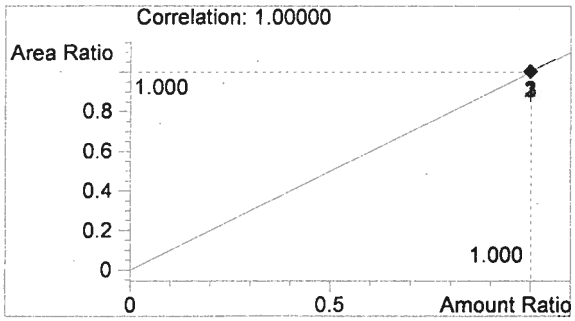


#	Compound	Peak Area	RT (min)
1	Ethanol	715	1.018
2	n-Propanol	1604	1.741



Ethanol 0.101 g/100mL

13064



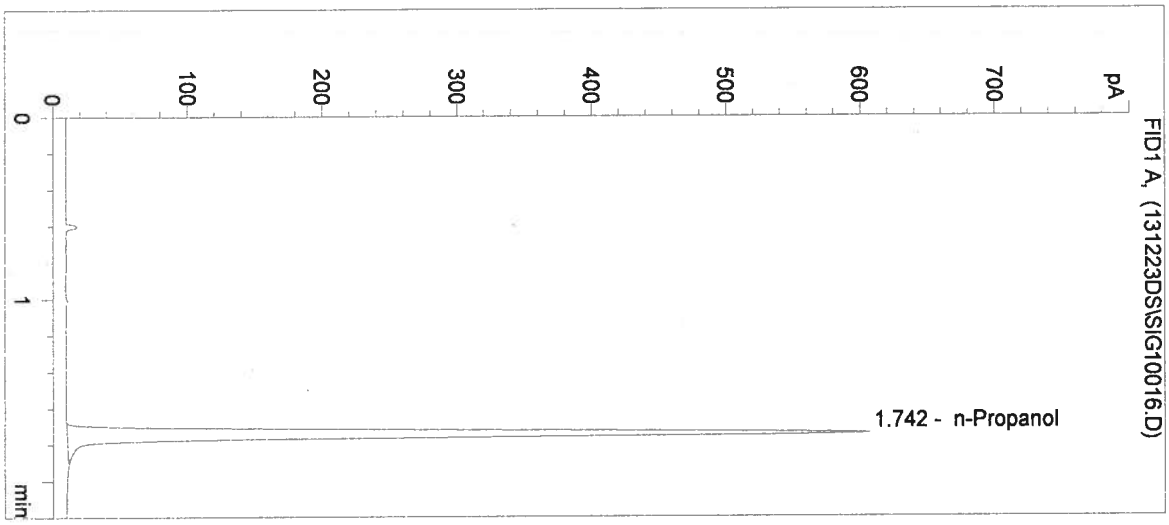
n-Propanol 0.012 g/100mL

DS

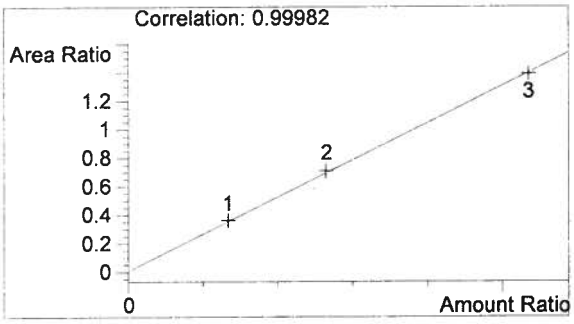
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/23/2013 2:16:23 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: NEG CTRL
Operator: Dawn Sklerov
Location: Vial 16

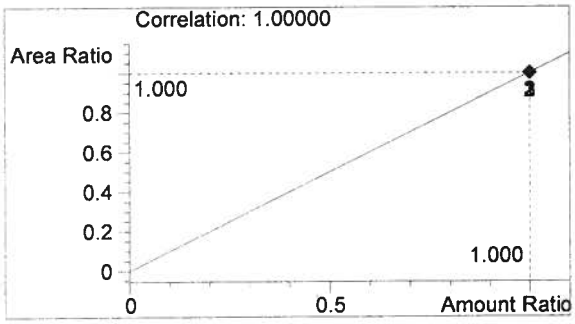


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1601	1.742



Ethanol 0.000 g/100mL

13064



n-Propanol 0.012 g/100mL

DS

Sequence: C:\HPCHEM\2\SEQUENCE\AL-ESS3.S

Sequence Parameters:

Operator:	asa louis
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:	131227A1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 cal 1 e1213-01 exp 06/03/2014
0.158 cal 2 e1213-02 exp 06/03/2014
0.316 cal 3 e1213-03 exp 06/03/2014
0.04 control fn120110-04 exp 12/2015
0.10 control a095230 exp 09/2017
0.20 control fn100511-01 exp 10/2016
istd p1113 exp 02/14/2014

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 - al	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 ctrl - al	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 ctrl - al	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 ctrl - al	SIMALC3	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC3	1	Ctrl Samp		
10	Vial 10	13064 #1	SIMALC3	1	Sample		
11	Vial 11	13064 #2	SIMALC3	1	Sample		
12	Vial 12	13064 #3	SIMALC3	1	Sample		
13	Vial 13	13064 #4	SIMALC3	1	Sample		
14	Vial 14	13064 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC3	1	Ctrl Samp		
16	Vial 16	neg control - al	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: C:\HPCHEM\2\SEQUENCE\AL-ESS3.S

Sequence Table (Back Injector):

No entries - empty table!

13064

Batch 131227A1

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

Calibration Table

Calib. Data Modified : Friday, December 27, 2013 9:53:22 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.019	1	1	8.00300e-2	663.25293	1.20663e-4	1		Ethanol
		2	1.58560e-1	1294.27673	1.22509e-4			
		3	3.21220e-1	2585.30835	1.24248e-4			
1.745	1	1	1.20000e-2	1792.30237	6.69530e-6	I1		n-Propanol
		2	1.20000e-2	1768.92493	6.78378e-6			
		3	1.20000e-2	1784.68457	6.72388e-6			

13064

Peak Sum Table

No Entries in table

Batch 131227A1

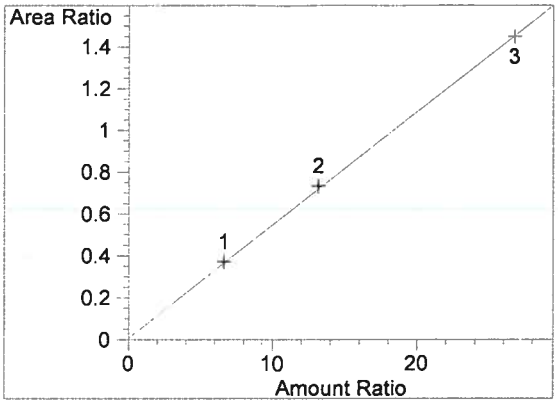
AL

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

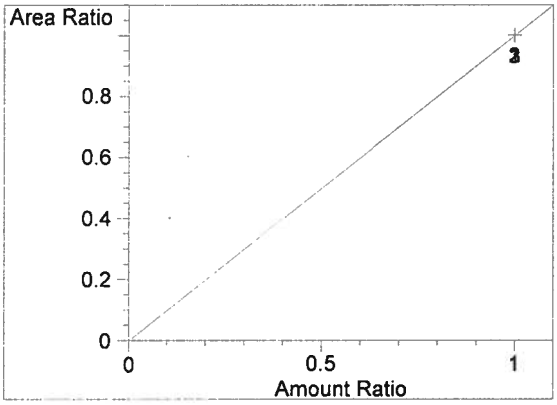
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.019
FID1 A,
Correlation: 0.99992
Residual Std. Dev.: 0.00982
Formula: y = mx + b
m: 5.40657e-2
b: 7.03267e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.745
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

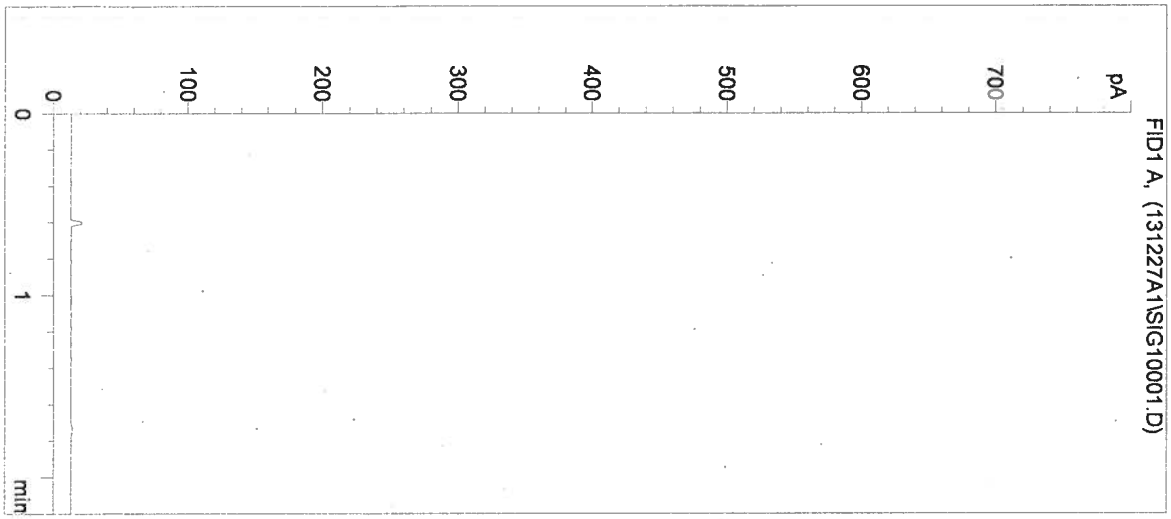
13064

Batch 131227A1

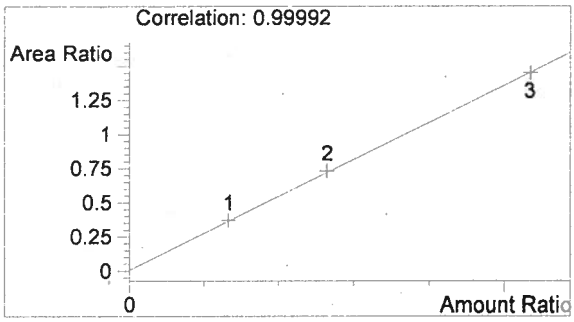
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/27/2013 9:41:47 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: blank
Operator: asa louis
Location: Vial 1

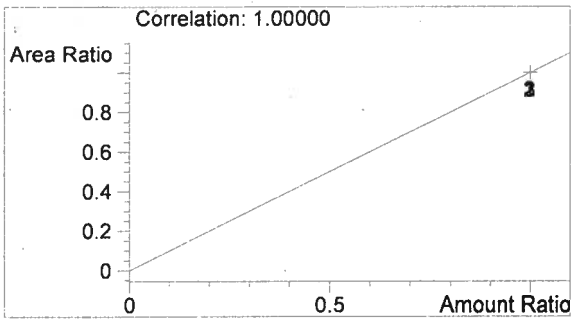


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

13064

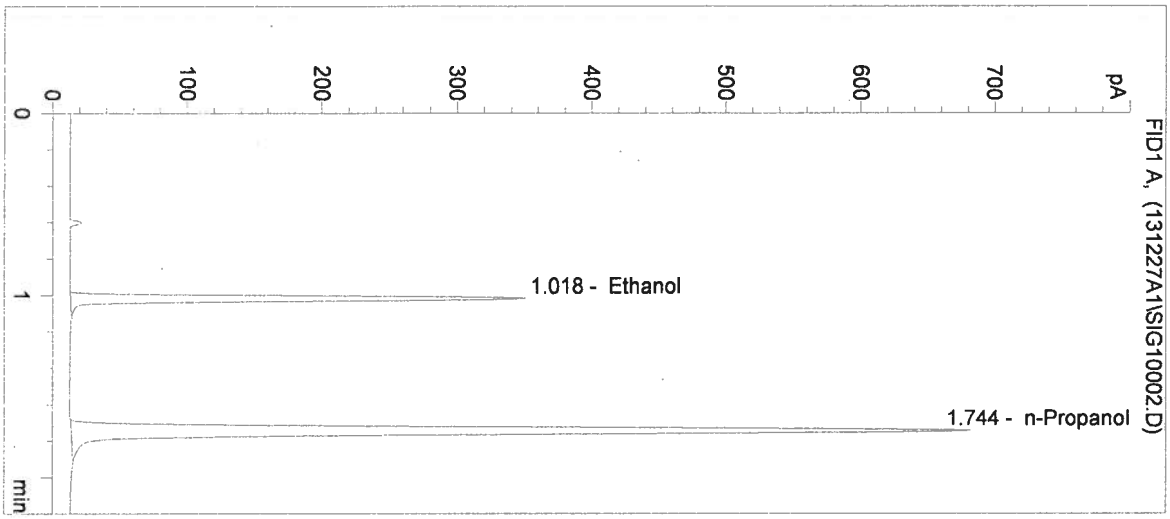


n-Propanol 0.000 g/100mL

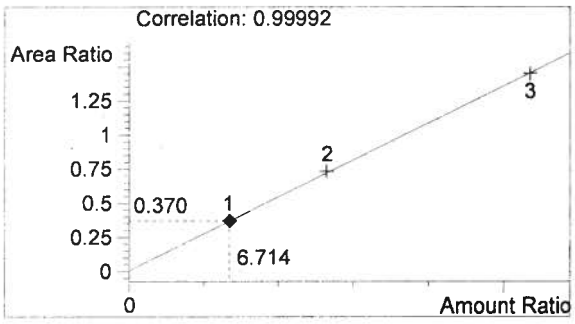
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/27/2013 9:44:55 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.079 cal 1
Operator: asa louis
Location: Vial 2

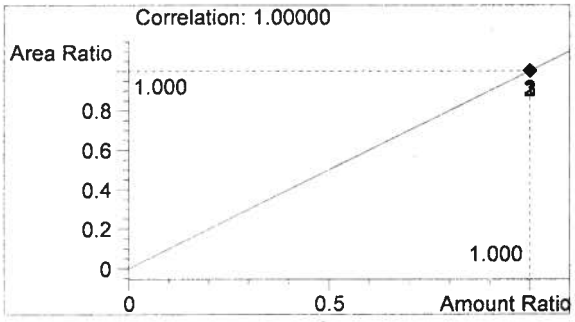


#	Compound	Peak Area	RT (min)
1	Ethanol	663	1.018
2	n-Propanol	1792	1.744



Ethanol 0.081 g/100mL

13064

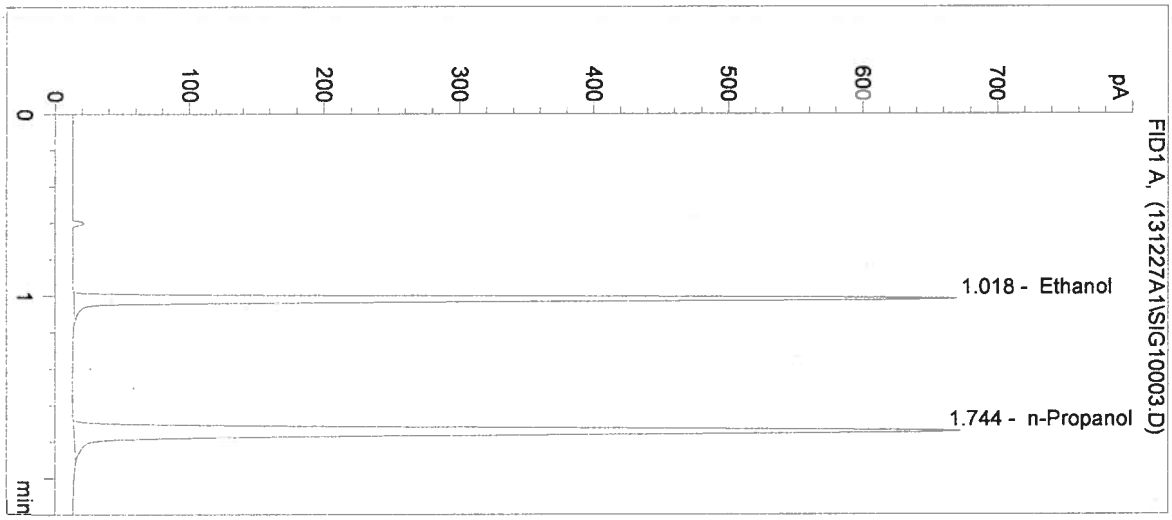


n-Propanol 0.012 g/100mL

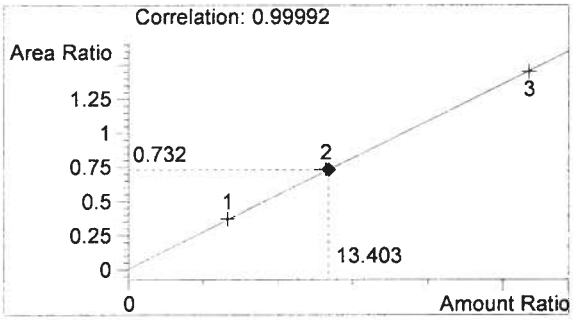
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/27/2013 9:48:02 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.158 cal 2
Operator: asa louis
Location: Vial 3

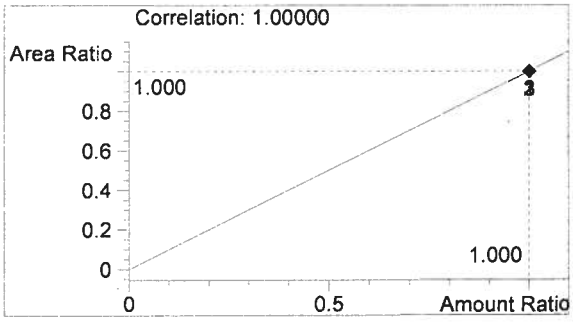


#	Compound	Peak Area	RT (min)
1	Ethanol	1294	1.018
2	n-Propanol	1769	1.744



Ethanol 0.161 g/100mL

13064

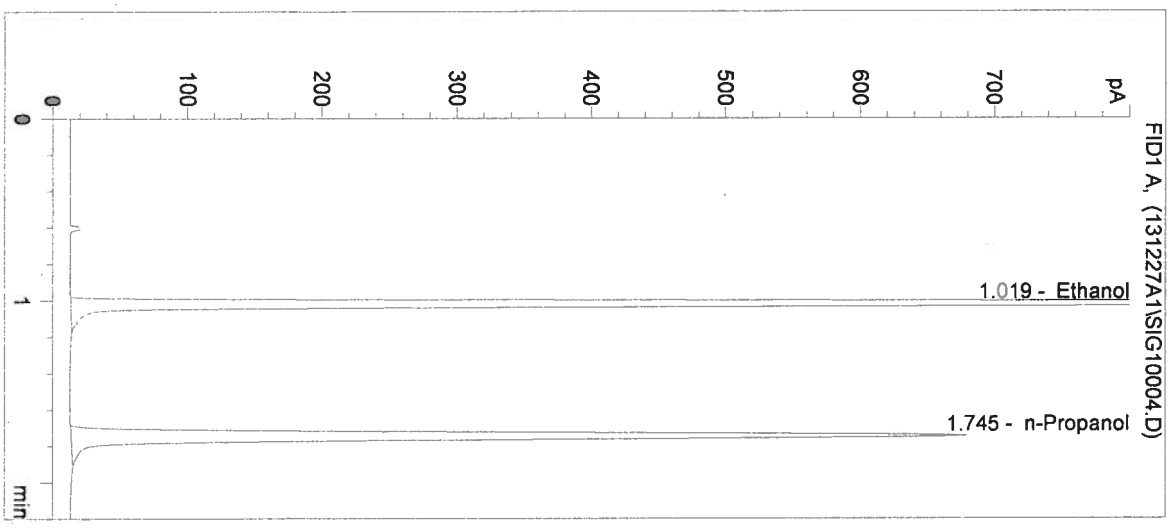


n-Propanol 0.012 g/100mL

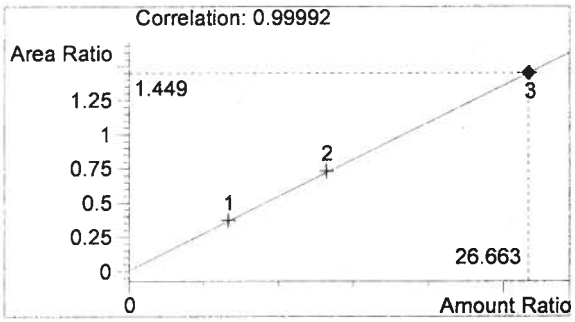
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/27/2013 9:51:10 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.316 cal 3
Operator: asa louis
Location: Vial 4

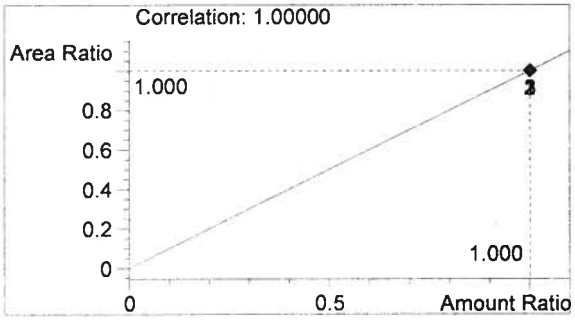


#	Compound	Peak Area	RT (min)
1	Ethanol	2585	1.019
2	n-Propanol	1785	1.745



Ethanol 0.320 g/100mL

13064

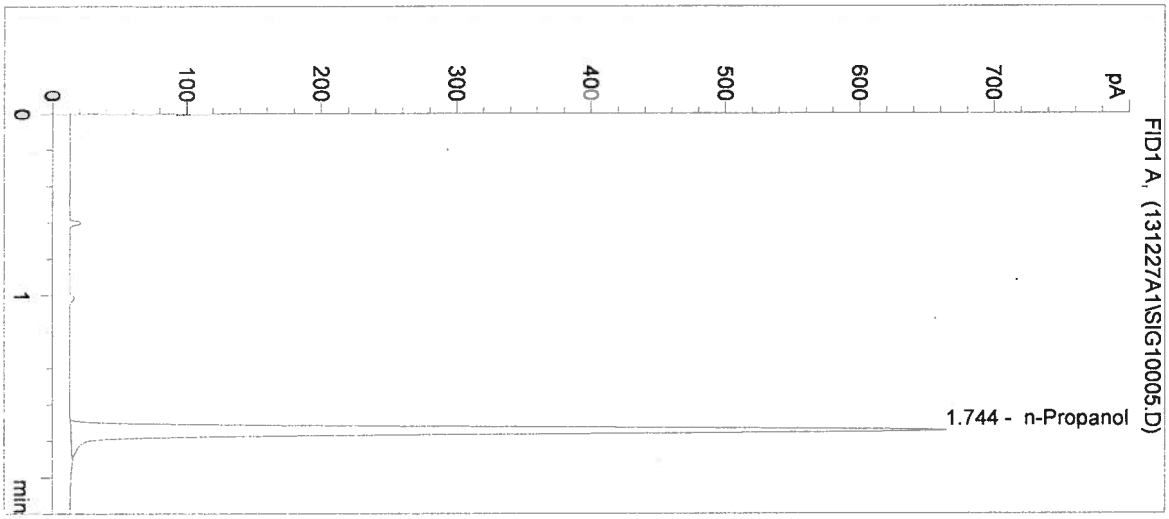


n-Propanol 0.012 g/100mL

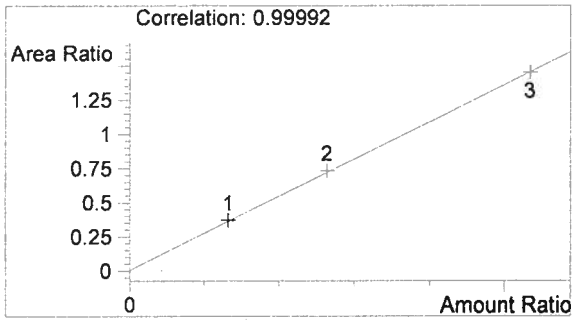
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/27/2013 9:54:17 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: neg control - al
Operator: asa louis
Location: Vial 5

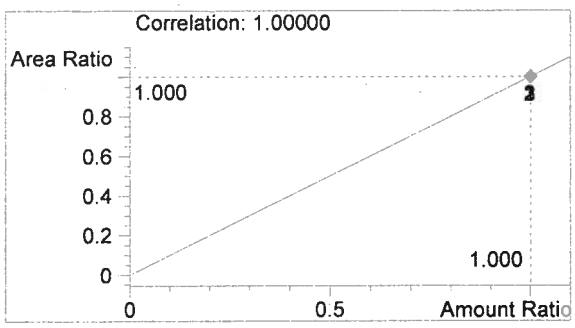


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1747	1.744



Ethanol 0.000 g/100mL

13064

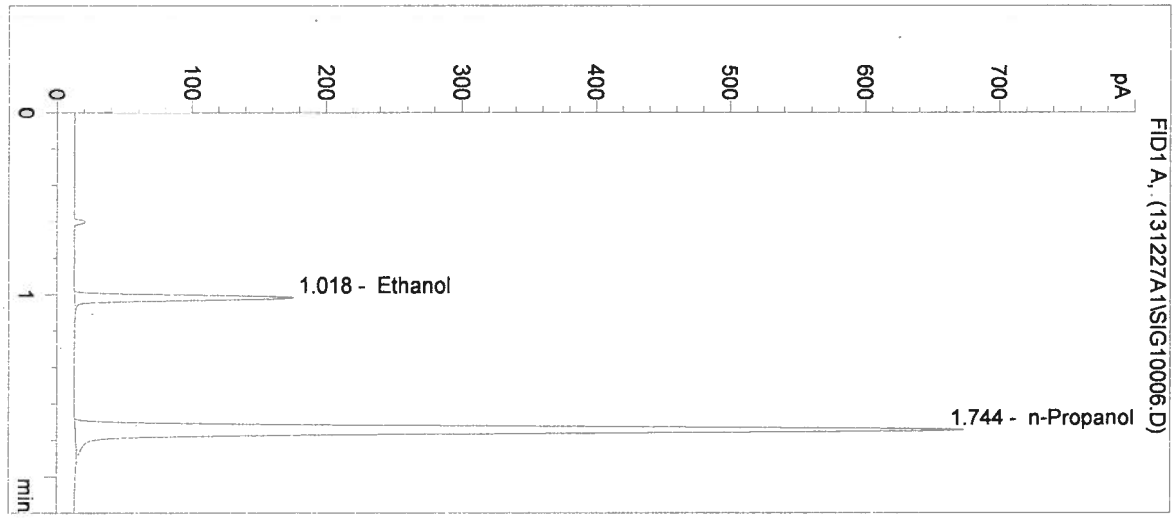


n-Propanol 0.012 g/100mL

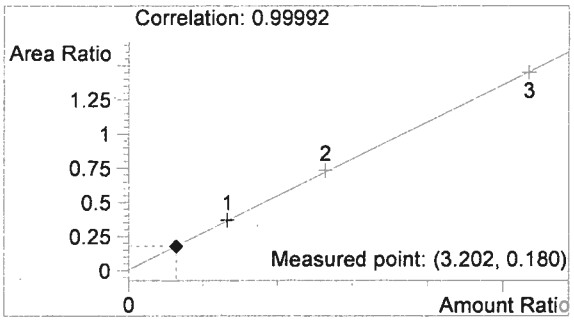
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/27/2013 9:57:25 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.04 ctrl - al
Operator: asa louis
Location: Vial 6

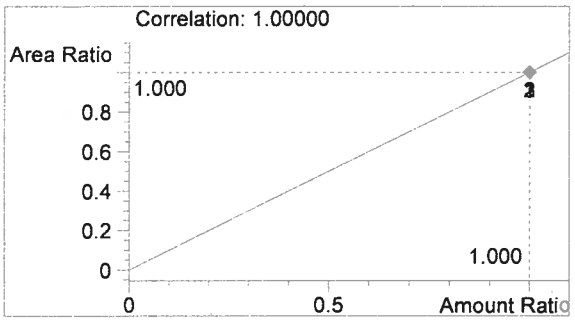


#	Compound	Peak Area	RT (min)
1	Ethanol	319	1.018
2	n-Propanol	1773	1.744



Ethanol 0.038 g/100mL

13064

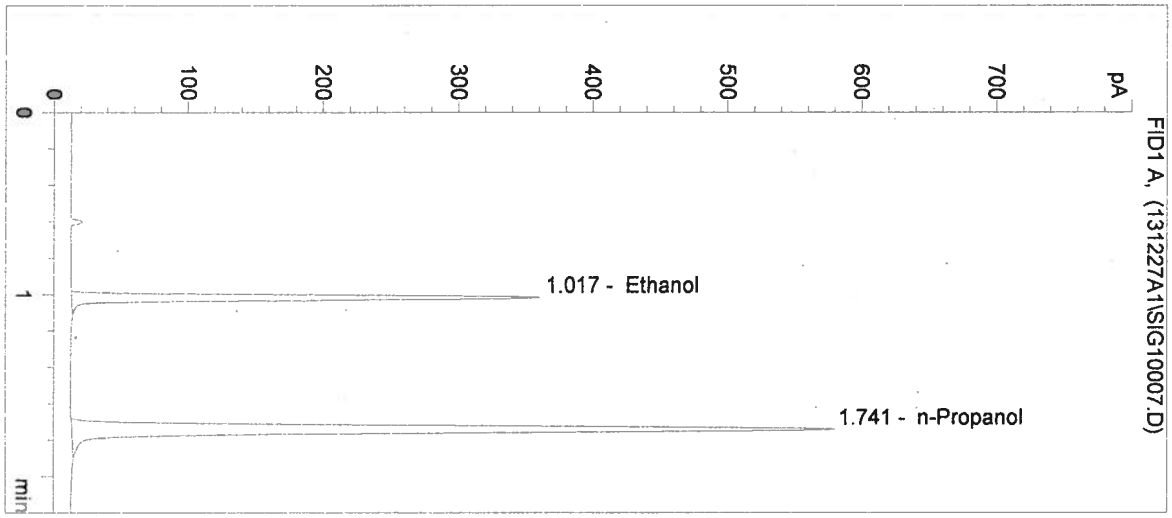


n-Propanol 0.012 g/100mL

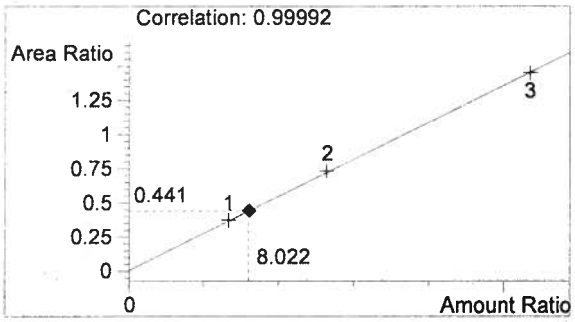
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/27/2013 10:00:32 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.10 ctrl - al
Operator: asa louis
Location: Vial 7

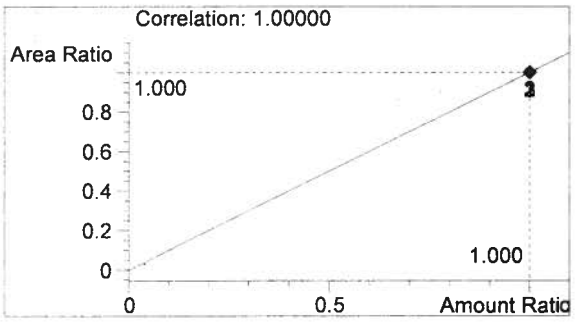


#	Compound	Peak Area	RT (min)
1	Ethanol	671	1.017
2	n-Propanol	1522	1.741



Ethanol 0.096 g/100mL

13064

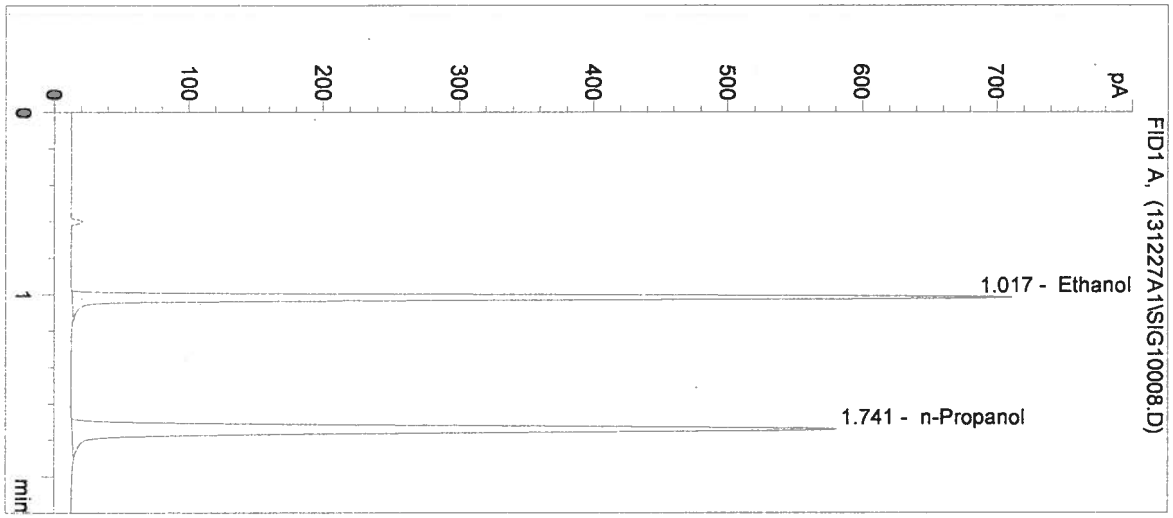


n-Propanol 0.012 g/100mL

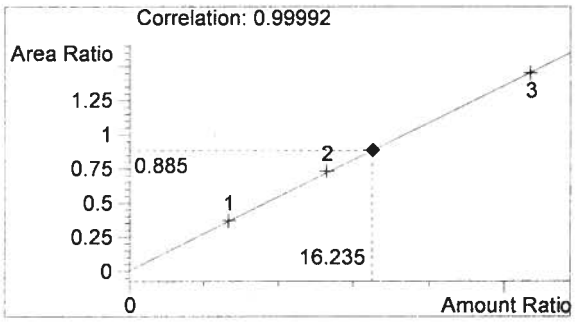
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/27/2013 10:03:40 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.20 ctrl - al
Operator: asa louis
Location: Vial 8

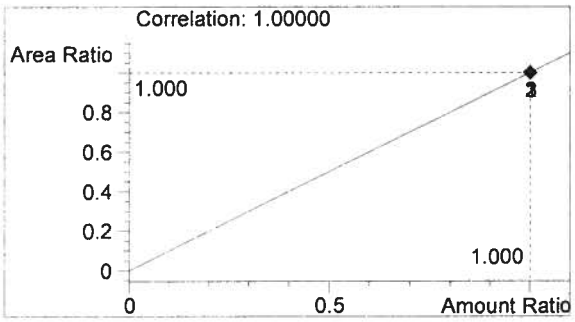


#	Compound	Peak Area	RT (min)
1	Ethanol	1347	1.017
2	n-Propanol	1522	1.741



Ethanol 0.195 g/100mL

13064



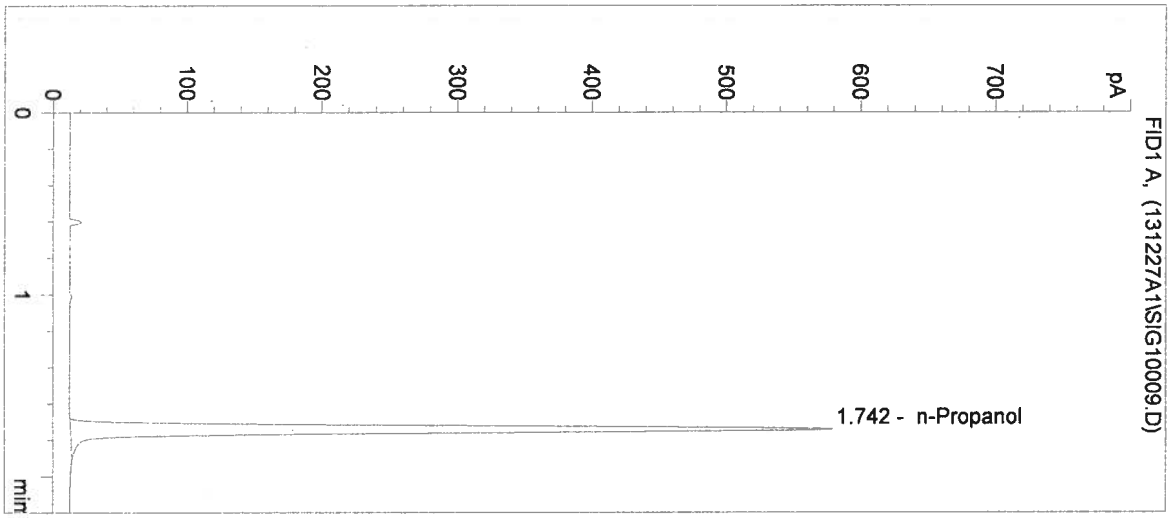
n-Propanol 0.012 g/100mL

AL

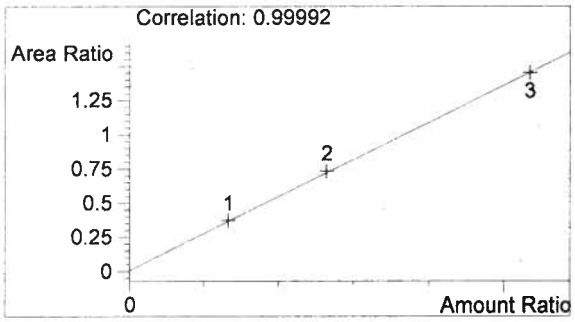
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/27/2013 10:06:47 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: neg control - al
Operator: asa louis
Location: Vial 9

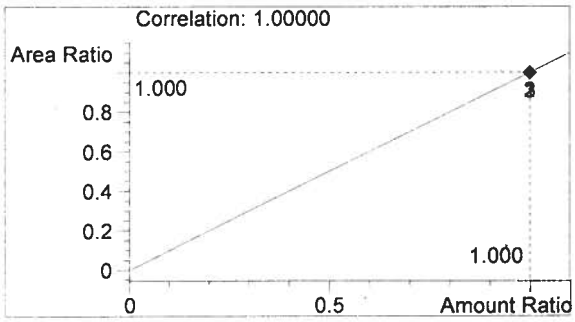


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1519	1.742



Ethanol 0.000 g/100mL

13064

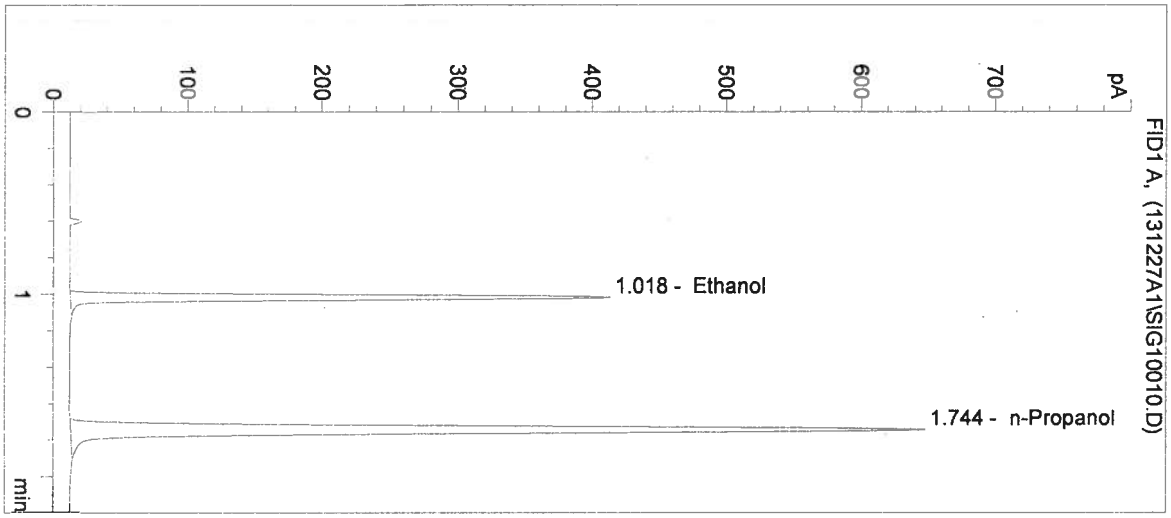


n-Propanol 0.012 g/100mL

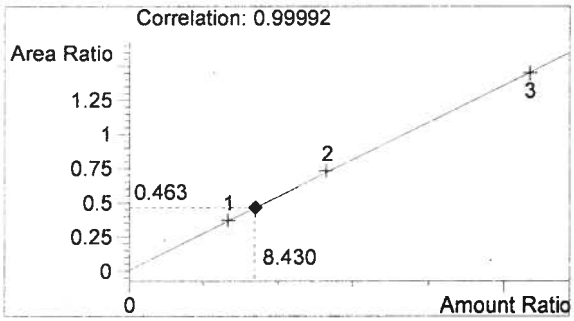
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/27/2013 10:09:55 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

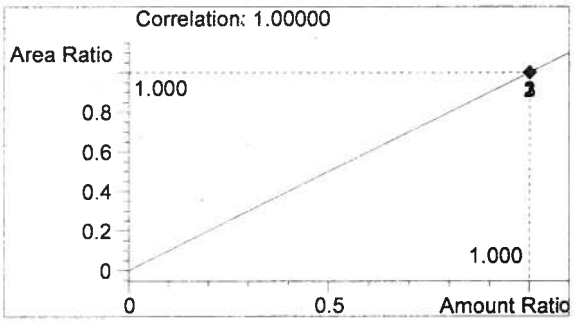
Sample Name: 13064 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	788	1.018
2	n-Propanol	1704	1.744



Ethanol 0.101 g/100mL

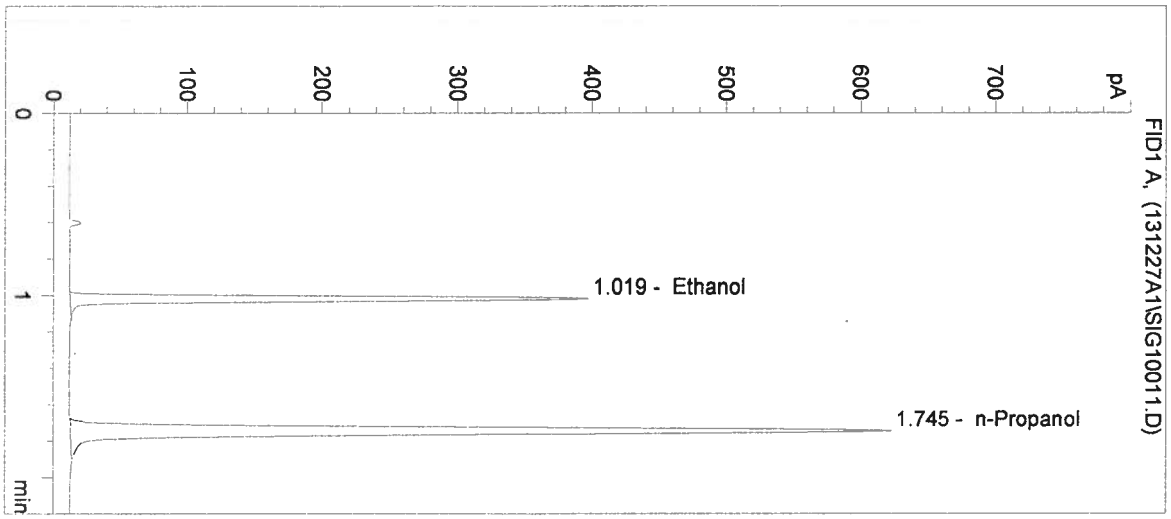


n-Propanol 0.012 g/100mL

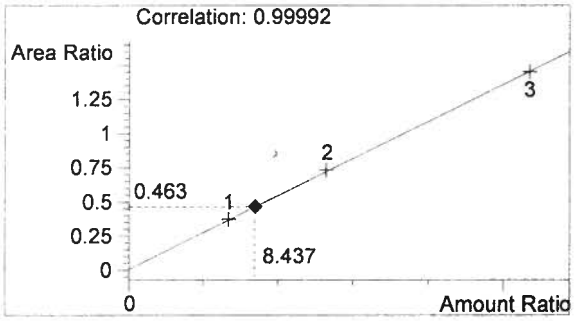
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/27/2013 10:13:02 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

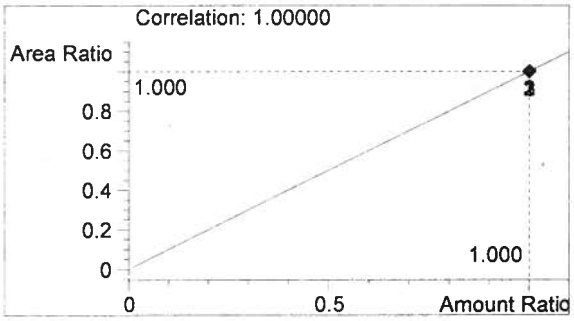
Sample Name: 13064 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	758	1.019
2	n-Propanol	1637	1.745



Ethanol 0.101 g/100mL



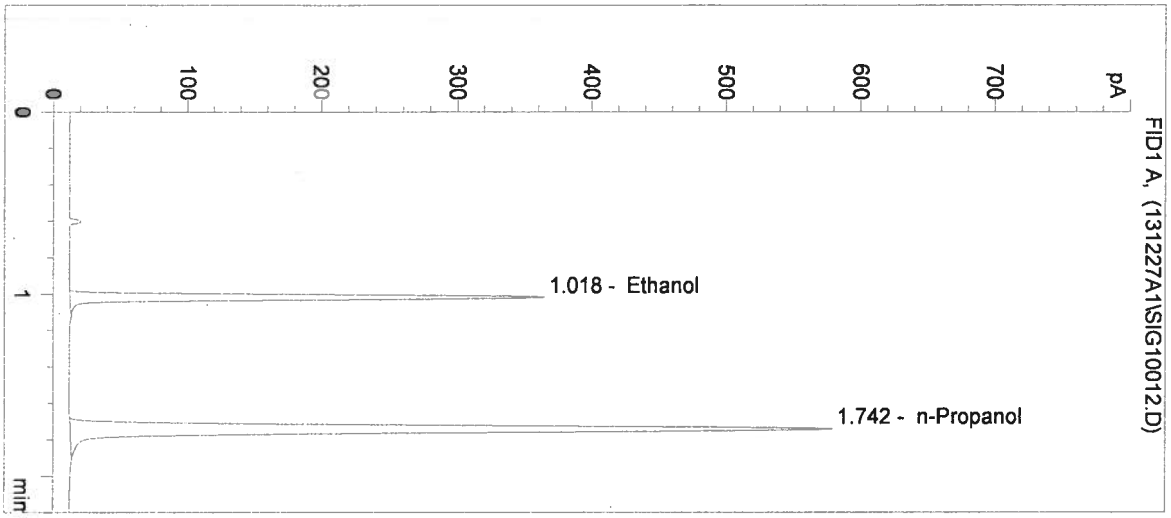
n-Propanol 0.012 g/100mL

AL

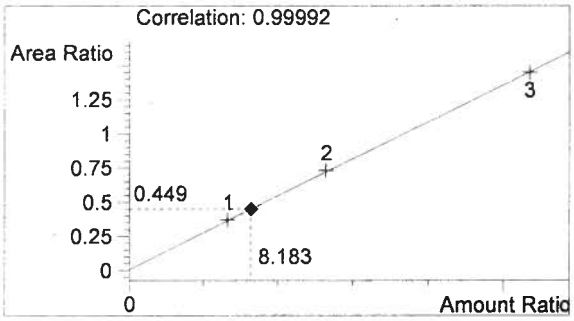
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/27/2013 10:16:10 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

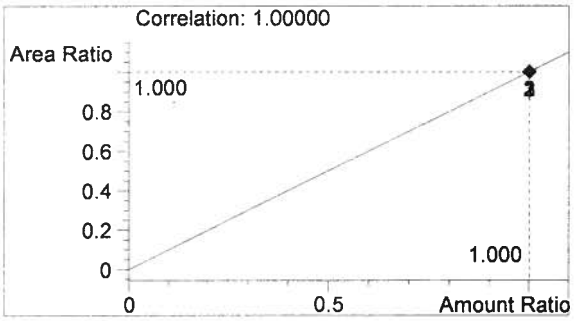
Sample Name: 13064 #3
Operator: asa louis
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	682	1.018
2	n-Propanol	1518	1.742



Ethanol 0.098 g/100mL



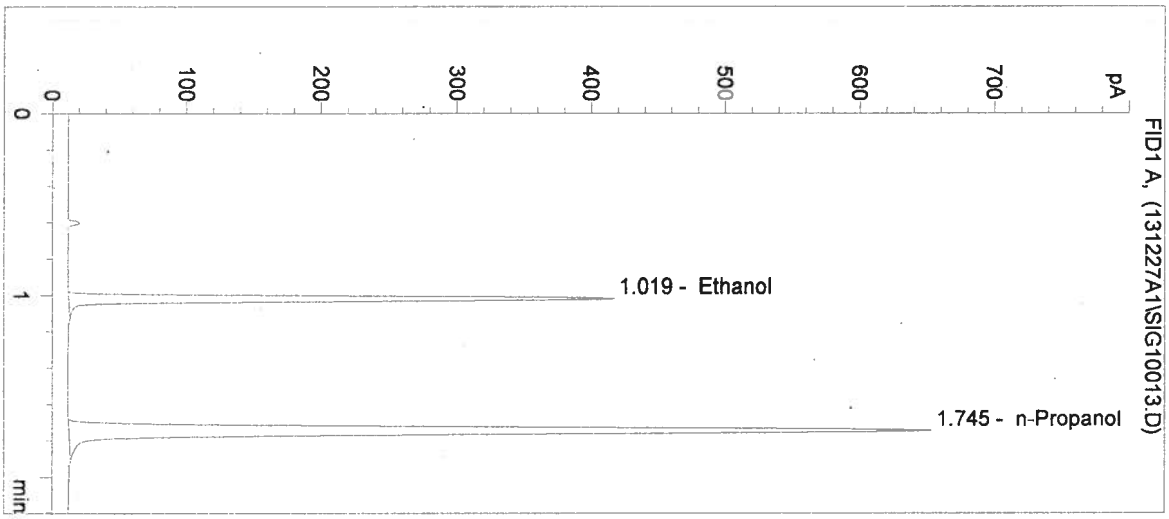
n-Propanol 0.012 g/100mL

AL

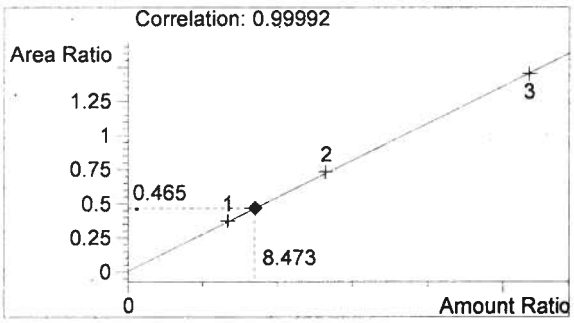
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/27/2013 10:19:17 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

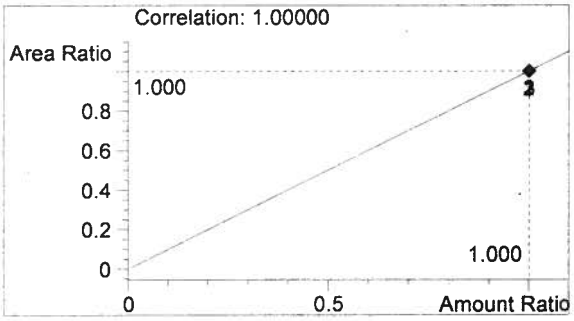
Sample Name: 13064 #4
Operator: asa louis
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	799	1.019
2	n-Propanol	1718	1.745



Ethanol 0.102 g/100mL



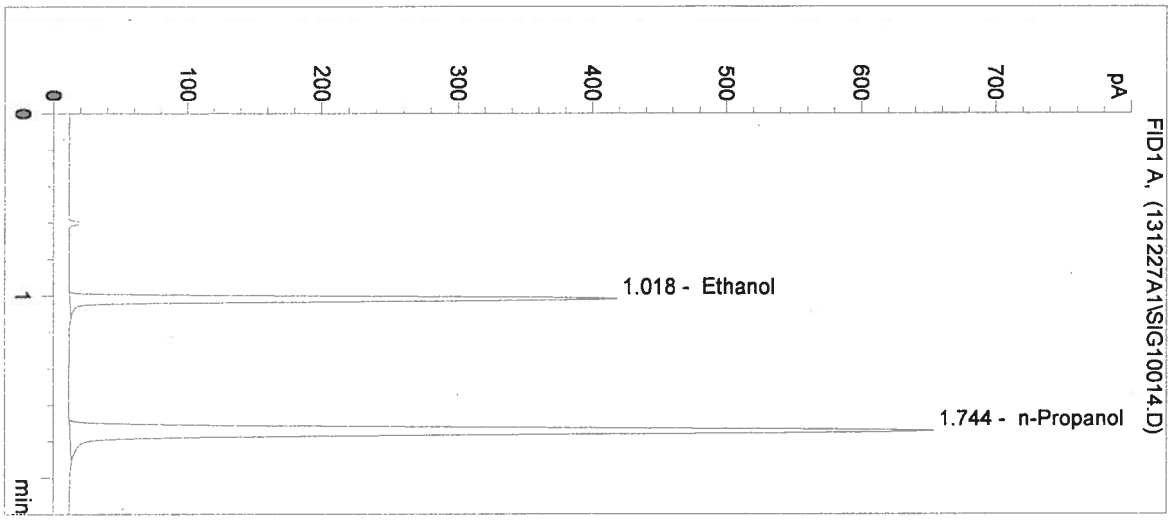
n-Propanol 0.012 g/100mL

AL

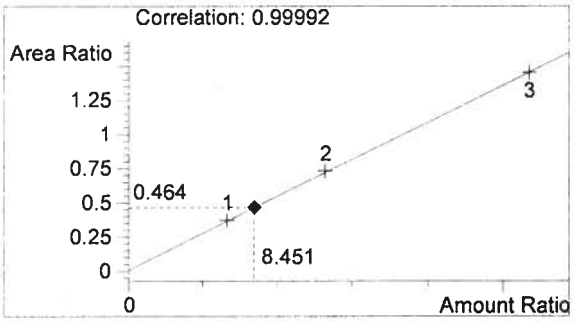
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/27/2013 10:22:25 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

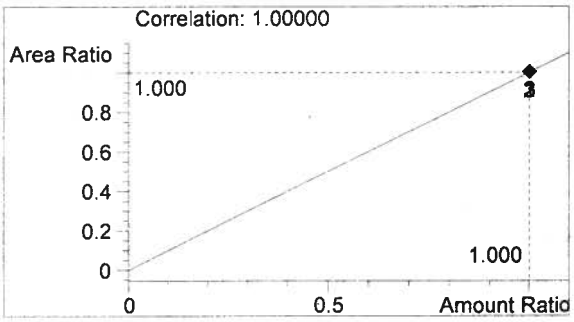
Sample Name: 13064 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	797	1.018
2	n-Propanol	1719	1.744



Ethanol 0.101 g/100mL



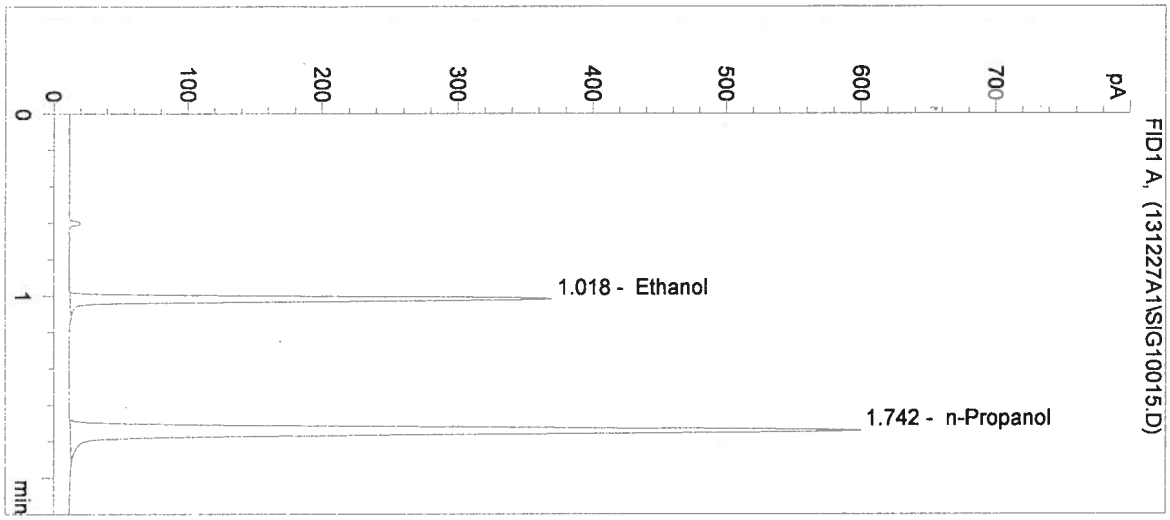
n-Propanol 0.012 g/100mL

AL

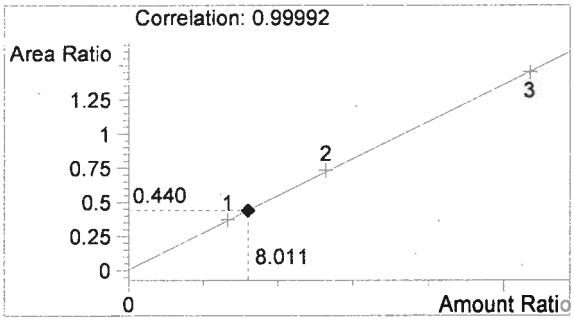
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/27/2013 10:25:32 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 15

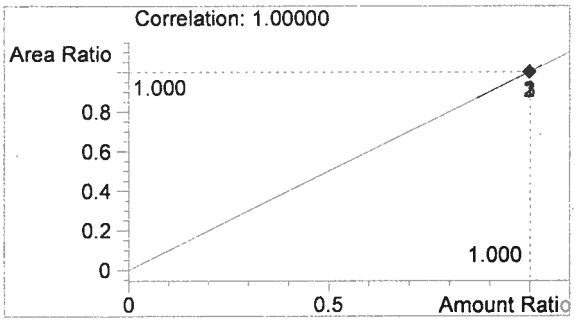


#	Compound	Peak Area	RT (min)
1	Ethanol	692	1.018
2	n-Propanol	1573	1.742



Ethanol 0.096 g/100mL

13064



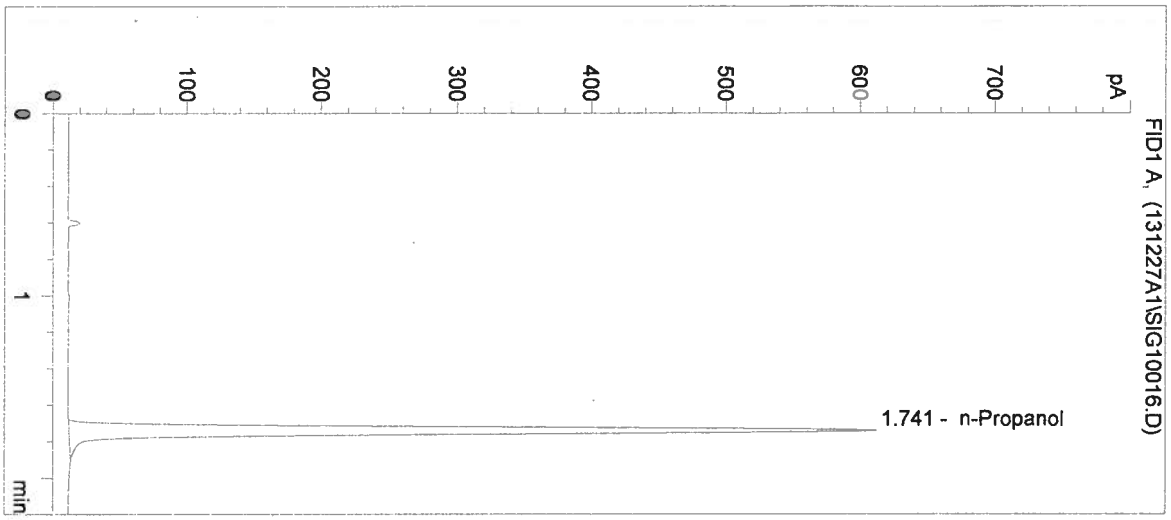
n-Propanol 0.012 g/100mL

AL

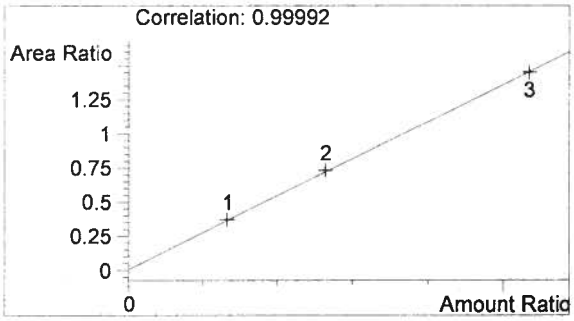
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/27/2013 10:28:40 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: neg control - al
Operator: asa louis
Location: Vial 16

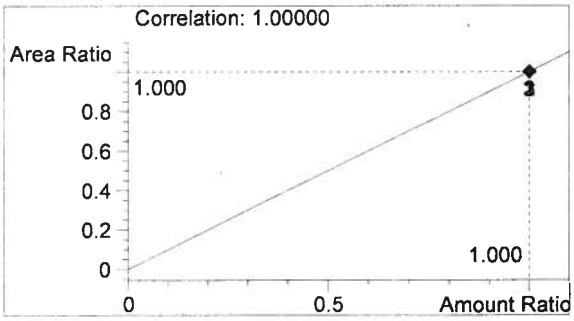


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1609	1.741



Ethanol 0.000 g/100mL

13064



n-Propanol 0.012 g/100mL