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

AN ASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/16/2009

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 15032

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: 07/13/2015
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Christie Mitchell-Mata

	CM	CSJ	AJL	JLK	LL	RF	EW	KH
1	0.103	0.102	0.103	0.103	0.102	0.103	0.103	0.100
2	0.103	0.102	0.103	0.104	0.102	0.103	0.103	0.101
3	0.104	0.101	0.104	0.103	0.103	0.103	0.104	0.102
4	0.105	0.103	0.104	0.103	0.102	0.103	0.103	0.100
5	0.104	0.103	0.105	0.104	0.102	0.103	0.103	0.101
C	0.102	0.102	0.103	0.102	0.101	0.102	0.102	0.100

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1028 g/100mL
STANDARD DEVIATION: 0.00114
PRECISION CV (%): 1.11
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0836 g/210L**
EXPANDED UNCERTAINTY: ± 0.0030 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Lisa Noble — Forensic Scientist Supervisor — 8/18/15 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
CM	Christie Mitchell-Mata		07/13/2015
CSJ	Christopher S. Johnston		07/14/2015
AJL	Asa J. Louis		07/15/2015
JLK	Justin L. Knoy		07/15/2015
LL	Lyndsey Lowe		07/15/2015
RF	Rebecca Flaherty		07/15/2015
EW	Elizabeth Wehner	Elizabeth Wehner	07/16/2015
KH	Katie Harris	Katie Harris	07/20/2015

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 #: 15032 **Date Prepared:** 7/13/2015

Analyst:	CM	CSJ	AJL	JLK	LL	RF	EW	KH
Date Tested:	7/13/2015	7/14/2015	7/15/2015	7/15/2015	7/15/2015	7/15/2015	7/16/2015	7/20/2015
Instrument:	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1
1	0.103	0.102	0.103	0.103	0.102	0.103	0.103	0.100
2	0.103	0.102	0.103	0.104	0.102	0.103	0.103	0.101
3	0.104	0.101	0.104	0.103	0.103	0.103	0.104	0.102
4	0.105	0.103	0.104	0.103	0.102	0.103	0.103	0.100
5	0.104	0.103	0.105	0.104	0.102	0.103	0.103	0.101
C	0.102	0.102	0.103	0.102	0.101	0.102	0.102	0.100

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0001222868	0.0000758920	0.0001016326

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

Average Solution Concentration: 0.1028 g/100mL
Standard Deviation: 0.00114 g/100mL
Precision CV (%): 1.11
Equivalent Vapor Concentration: 0.0836 g/210L
Combined Standard Uncertainty (±): 0.0015 g/210L
Expanded Uncertainty (±): 0.0030 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble (Name) [signature] (Signature) 8/3/15 (Date)

Calculations verified by: Amanda M. Black (Name) [signature] (Signature) 8-18-15 (Date)

Method: Hand Calculation

Technical review of batch file performed by:

Lisa Noble (Name) [signature] (Signature) 8/3/15 (Date)

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 8-18-15

Location: WSP-FLSB Seattle, WA Solution Batch Number: 15032

	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: 8-18-15

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	20150805
Brittany Thomas		
Christie Mitchell-Mata	CM	8/4/15
Christopher Johnston	CJ	8/3/15
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner	EW	08/03/15
Justin Knoy	JK	8.4.15
Katie Harris	KH	8/3/15
Lyndsey Lowe	LL	8.7.15
Naziha Nuwayhid		
Rebecca Flaherty	RF	8.3.15

Batch # 15032 fn 8/3/15

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 15032

I, Christie Mitchell-Mata, do certify under penalty of perjury that:

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

I possess the following qualifications: BA degree in Chemistry, MFS degree in Forensic Science, and over four years experience in forensic toxicology.

The external standard solution (ESS), Lot Number 15032, was prepared in the Washington State Toxicology Laboratory on 7/13/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 7/13/2016.

Seattle, WA

Christie Mitchell-Mata 8/4/15

Christie Mitchell-Mata Date

Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 15032

I, Christopher S. Johnston, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biochemistry.

The external standard solution (ESS), Lot Number 15032, was prepared in the Washington State Toxicology Laboratory on 7/13/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 7/13/2016.

Seattle, WA

8/3/2015

Christopher S. Johnston Date
Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 15032

I, Asa J. Louis, do certify under penalty of perjury that:

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

I possess the following qualifications: B.S. degree in Biochemistry and over ten years of toxicology experience.

The external standard solution (ESS), Lot Number 15032, was prepared in the Washington State Toxicology Laboratory on 7/13/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 7/13/2016.

Seattle, WA

20150805

Asa J. Louis — Date

Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 15032

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

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

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

The external standard solution (ESS), Lot Number 15032, was prepared in the Washington State Toxicology Laboratory on 7/13/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 7/13/2016.

Seattle, WA

8.4.15

Justin L. Knoy — Date
Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 15032

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

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

I possess the following qualifications: BS degree in Chemistry.

The external standard solution (ESS), Lot Number 15032, was prepared in the Washington State Toxicology Laboratory on 7/13/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 7/13/2016.

Seattle, WA

Lyndsey Lowe 8-3-15

Lyndsey Lowe Date
Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 15032

I, Rebecca Flaherty, do certify under penalty of perjury that:

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

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

The external standard solution (ESS), Lot Number 15032, was prepared in the Washington State Toxicology Laboratory on 7/13/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 7/13/2016.

Seattle, WA

8·3·15

Rebecca Flaherty Date
Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 15032

I, Elizabeth Wehner, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biochemistry.

The external standard solution (ESS), Lot Number 15032, was prepared in the Washington State Toxicology Laboratory on 7/13/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 7/13/2016.

Seattle, WA

Elizabeth Wehner 08/03/15

Elizabeth Wehner Date

Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 15032

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

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

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

The external standard solution (ESS), Lot Number 15032, was prepared in the Washington State Toxicology Laboratory on 7/13/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 7/13/2016.

Seattle, WA

Katie Harris 8/3/15

Katie Harris Date

Forensic Scientist

WSP-TLD	COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 7/13/15 Expiration Date: 7/13/16 Initials of Preparer: CM

Lot # of 200-proof Ethanol used in preparation: 2DC0208

Date the 200-proof Ethanol bottle was opened: 6/16/15

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

Environmental conditions verified as acceptable: ☑

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	☐	
QAP 0.08	22.4	18	☐	
QAP 0.10	28.1	18	☐	
QAP 0.15	42.1	18	☐	
QAP 0.20	56.1	18	☐	
ESS	66.5	52	☑	15032

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 7/13/15 Date

If different ethanol lot numbers are used in the preparation of solutions, record them and the corresponding solution batch numbers in the comments section.

Comments:

Analyst Signature 7/13/15 Date

Sequence Parameters:

Operator:	Christie Mitchell-Mata
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	150713CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0615-01 - Exp. 12/02/2015
Ethanol Calibrator 2, E0615-02 - Exp. 12/02/2015
Ethanol Calibrator 3, E0615-03 - Exp. 12/02/2015

CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019

Internal Standard Lot#P0615 - Exp. 09/04/2015

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	15032-1	SIMALC1	1	Sample		
11	Vial 11	15032-2	SIMALC1	1	Sample		
12	Vial 12	15032-3	SIMALC1	1	Sample		
13	Vial 13	15032-4	SIMALC1	1	Sample		
14	Vial 14	15032-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

Sequence: C:\HPCHEM\1\SEQUENCE\CMESS.S

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

Sequence Table (Back Injector):

No entries - empty table!

15032

fn 8/3/15

CM

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

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Calibration Table

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Calib. Data Modified : Monday, July 13, 2015 9:23:48 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,

15032

fm 7/13/15

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.036	1	1	7.97800e-2	856.93762	9.30990e-5		1	Ethanol
		2	1.60980e-1	1702.57117	9.45511e-5			
		3	3.18440e-1	3394.77759	9.38029e-5			
1.700	1	1	1.20000e-2	2270.57129	5.28501e-6	I1		n-Propanol
		2	1.20000e-2	2262.87500	5.30299e-6			
		3	1.20000e-2	2273.05103	5.27925e-6			

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Peak Sum Table

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No Entries in table

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Calibration Curves

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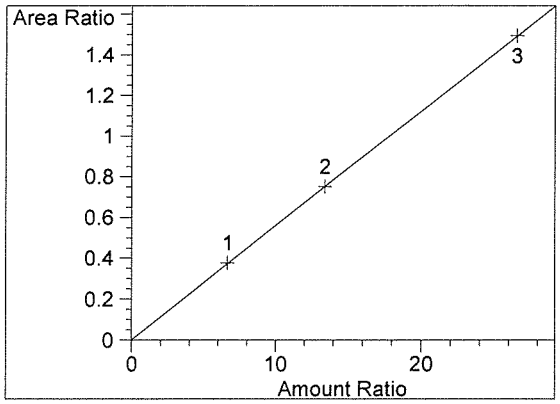
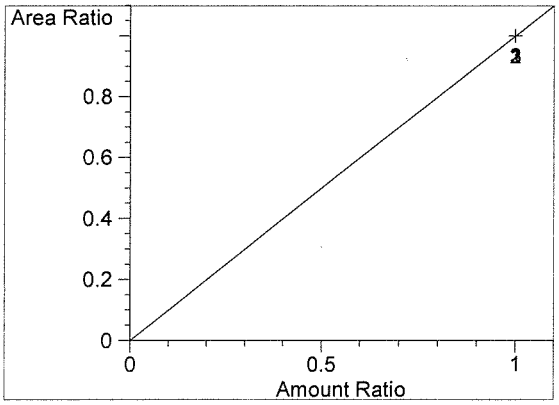


Ethanol at exp. RT: 1.036
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00283
Formula: y = mx + b
m: 5.62262e-2
b: 7.87625e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.700
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

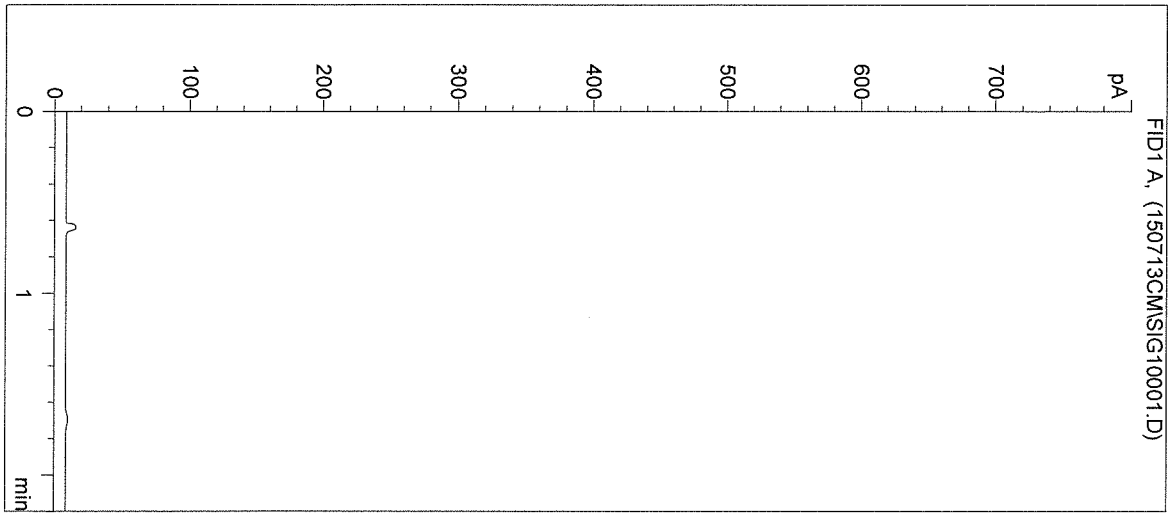
==========

15032
fn 8/3/15

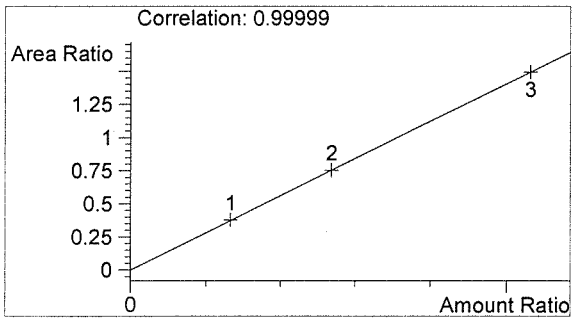
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/13/2015 9:11:44 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

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

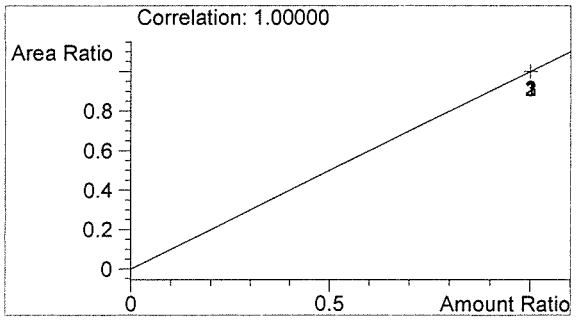


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

fm 8/3/15



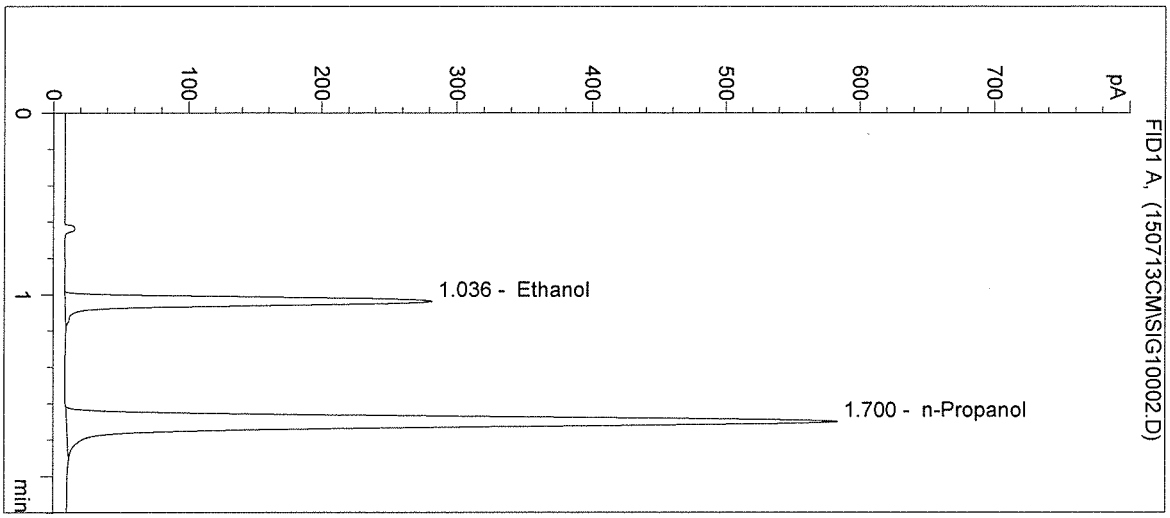
n-Propanol 0.000 g/100mL

CM

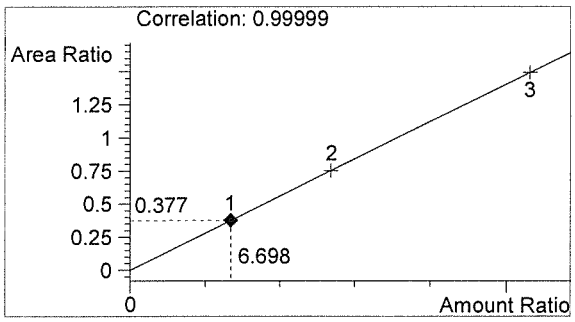
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/13/2015 9:15:02 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

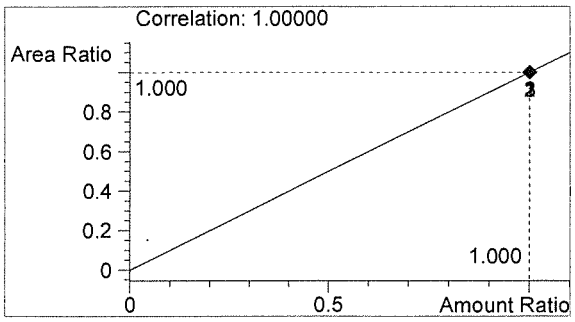
Sample Name: 0.079 CAL 1
Operator: Christie Mitchell-Mata
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	857	1.036
2	n-Propanol	2271	1.700



Ethanol 0.080 g/100mL

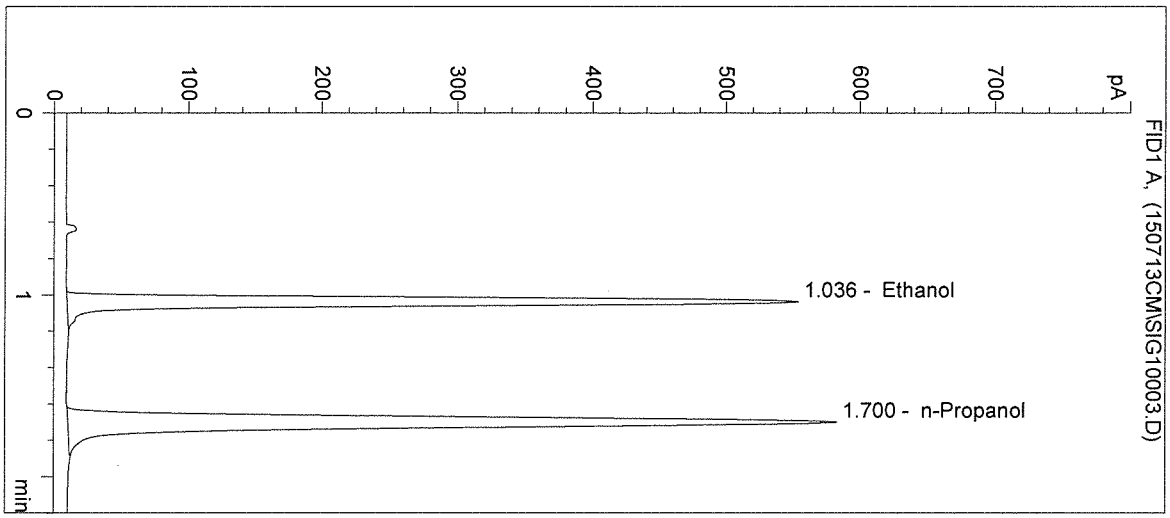


n-Propanol 0.012 g/100mL

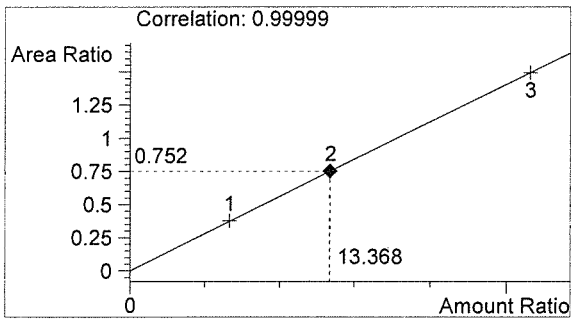
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/13/2015 9:18:18 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

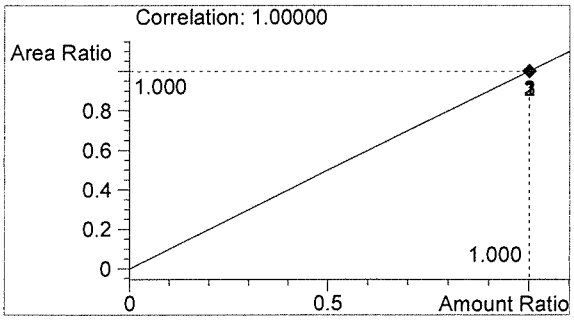
Sample Name: 0.158 CAL 2
Operator: Christie Mitchell-Mata
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1703	1.036
2	n-Propanol	2263	1.700



Ethanol 0.160 g/100mL

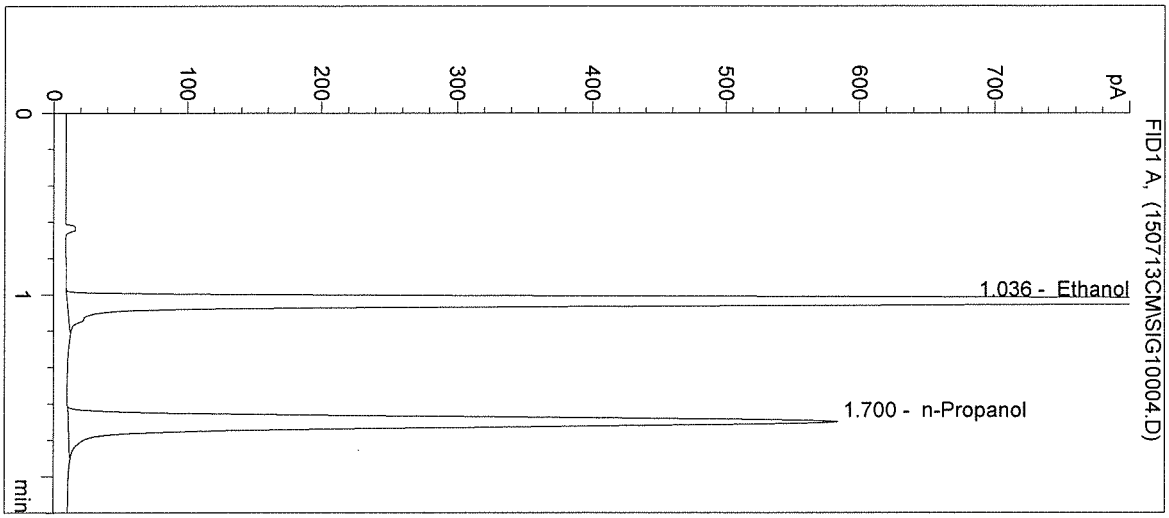


n-Propanol 0.012 g/100mL

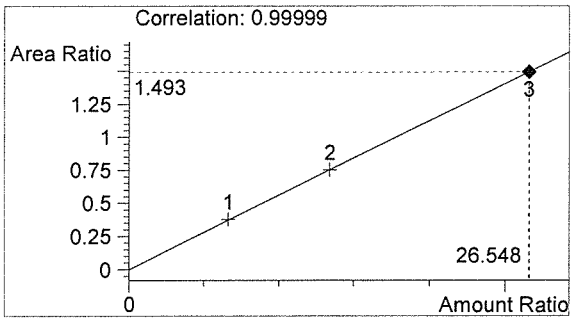
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/13/2015 9:21:35 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

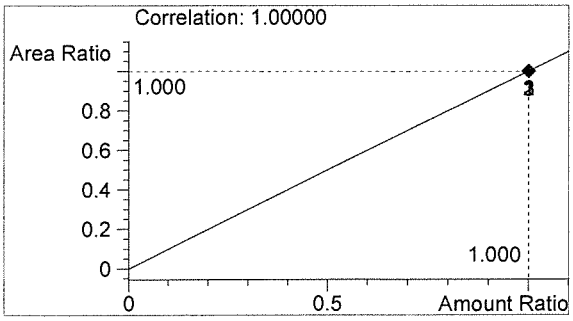
Sample Name: 0.316 CAL 3
Operator: Christie Mitchell-Mata
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3395	1.036
2	n-Propanol	2273	1.700



Ethanol 0.319 g/100mL

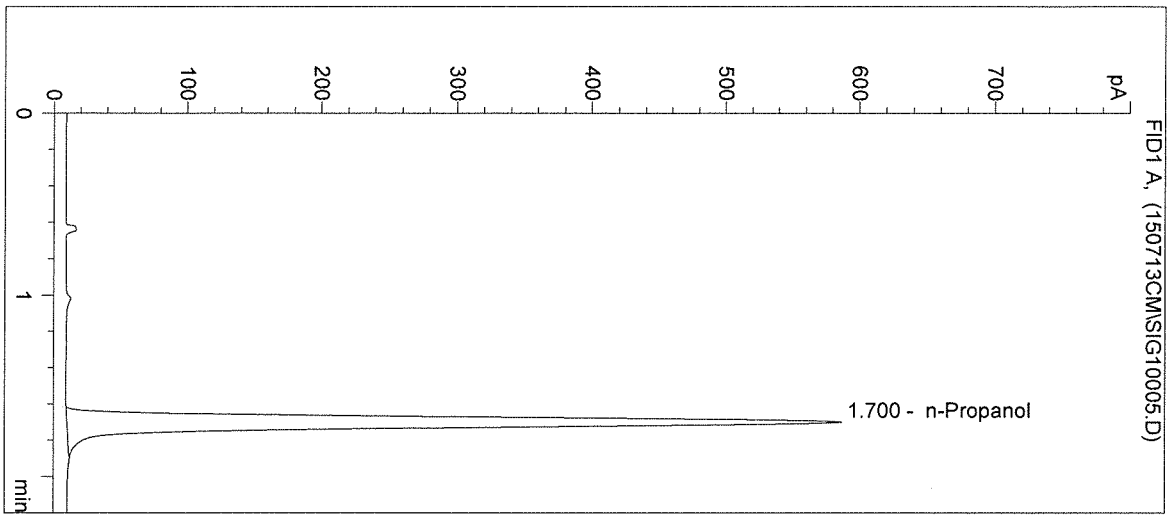


n-Propanol 0.012 g/100mL

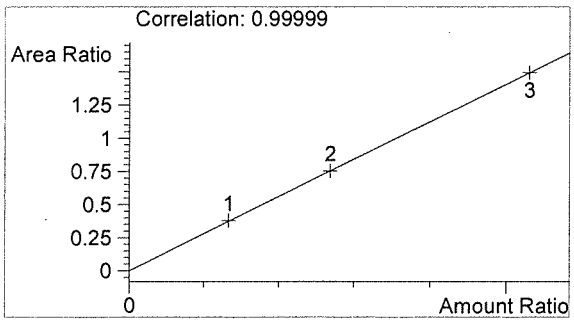
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/13/2015 9:24:48 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

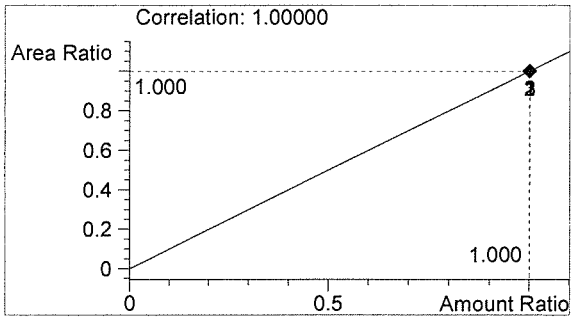
Sample Name: NEG CTRL
Operator: Christie Mitchell-Mata
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2286	1.700



Ethanol 0.000 g/100mL

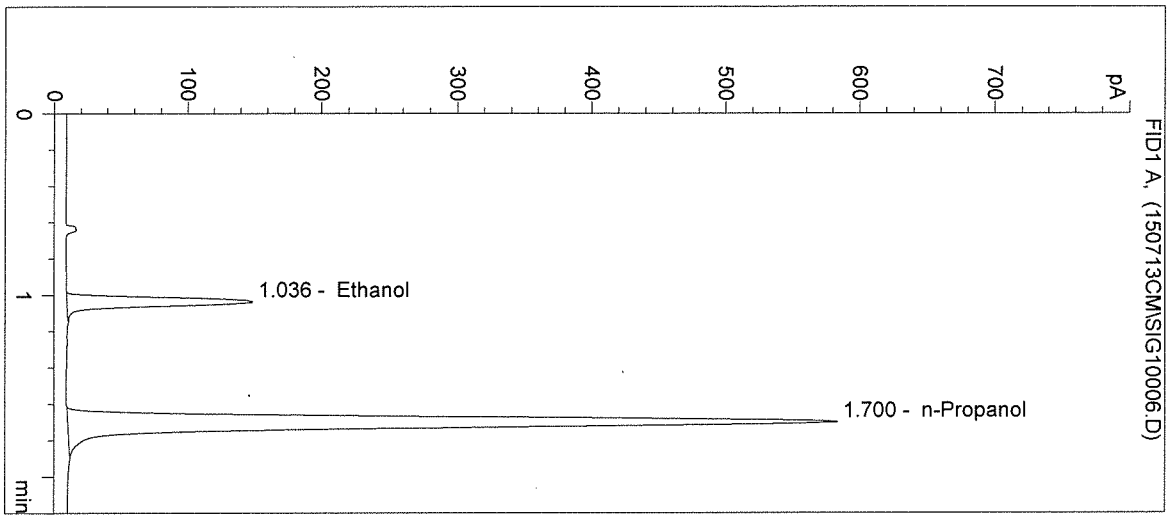


n-Propanol 0.012 g/100mL

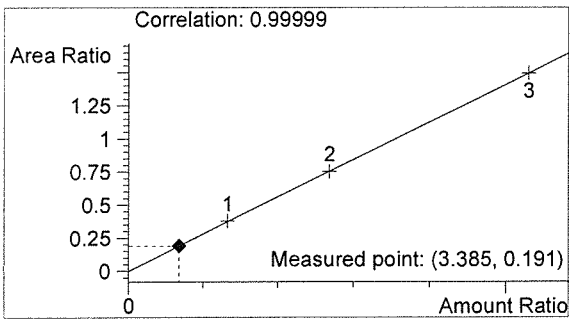
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/13/2015 9:28:02 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

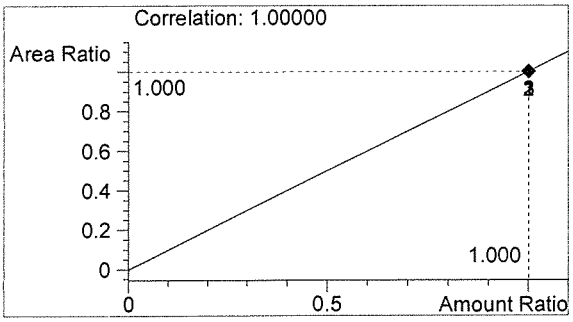
Sample Name: 0.04 CTRL
Operator: Christie Mitchell-Mata
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	434	1.036
2	n-Propanol	2271	1.700



Ethanol 0.041 g/100mL

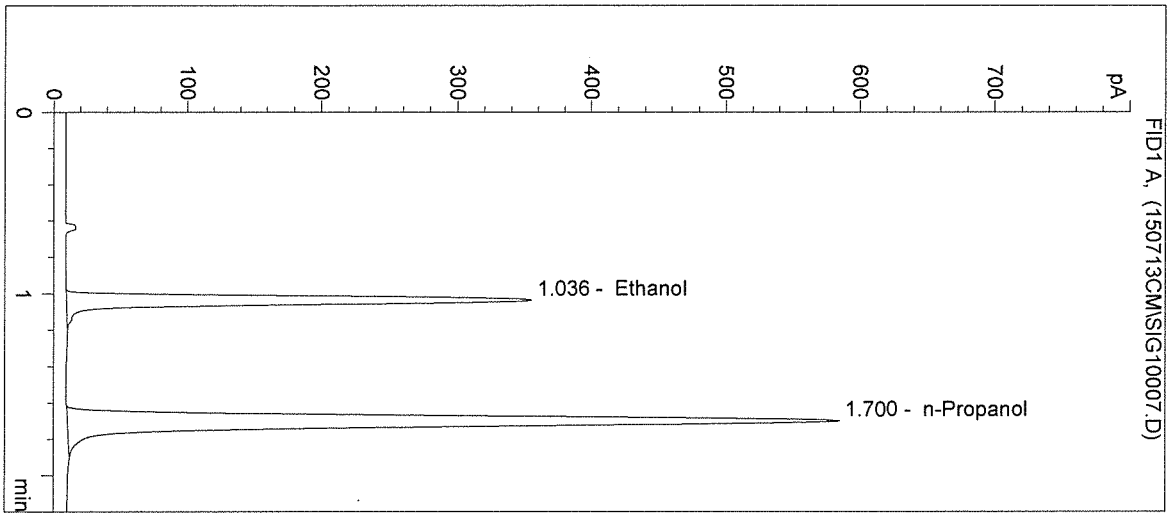


n-Propanol 0.012 g/100mL

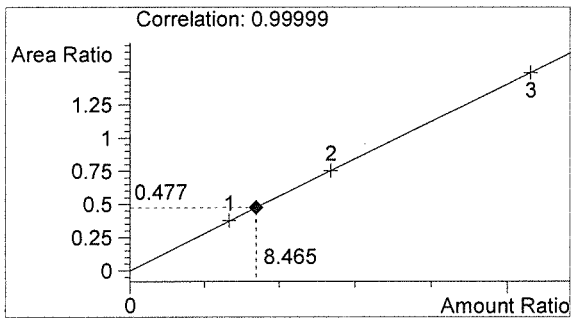
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/13/2015 9:31:15 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

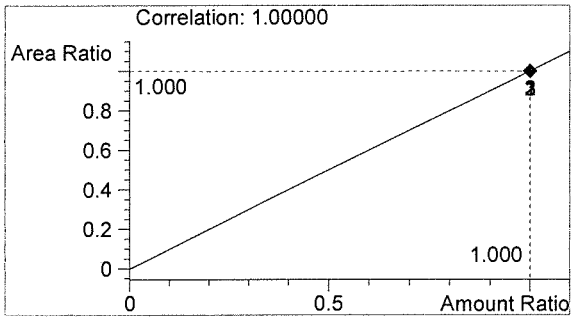
Sample Name: 0.10 CTRL
Operator: Christie Mitchell-Mata
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1088	1.036
2	n-Propanol	2282	1.700



Ethanol 0.102 g/100mL

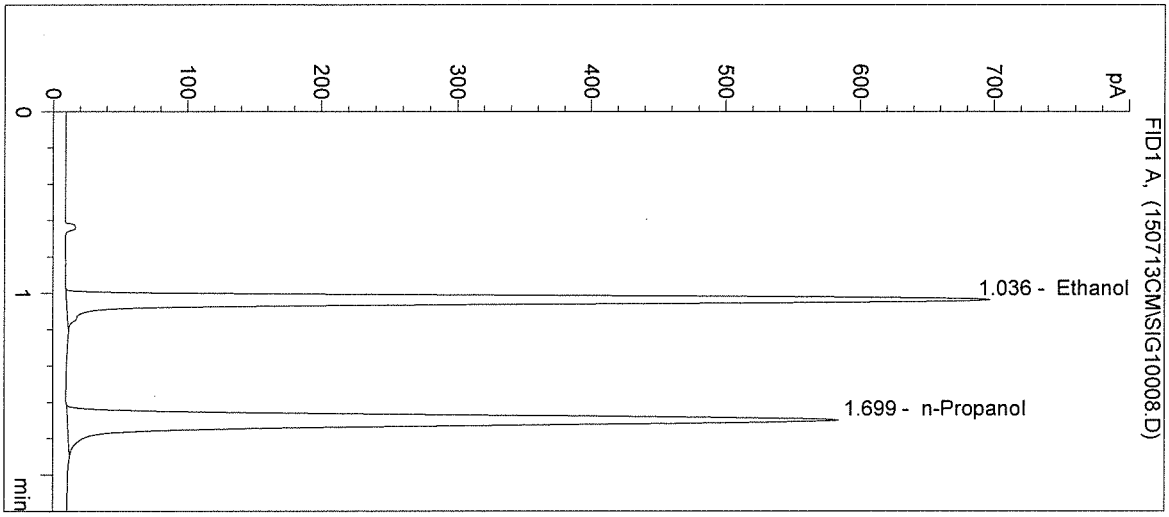


n-Propanol 0.012 g/100mL

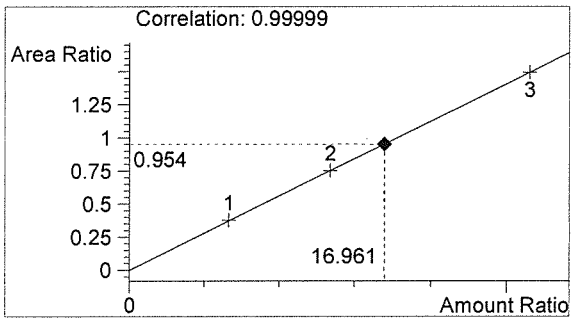
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/13/2015 9:34:28 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

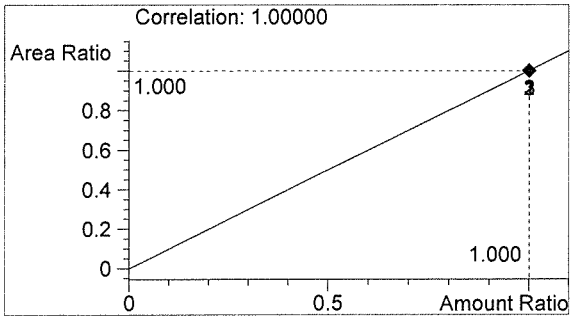
Sample Name: 0.20 CTRL
Operator: Christie Mitchell-Mata
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2166	1.036
2	n-Propanol	2269	1.699



Ethanol 0.204 g/100mL

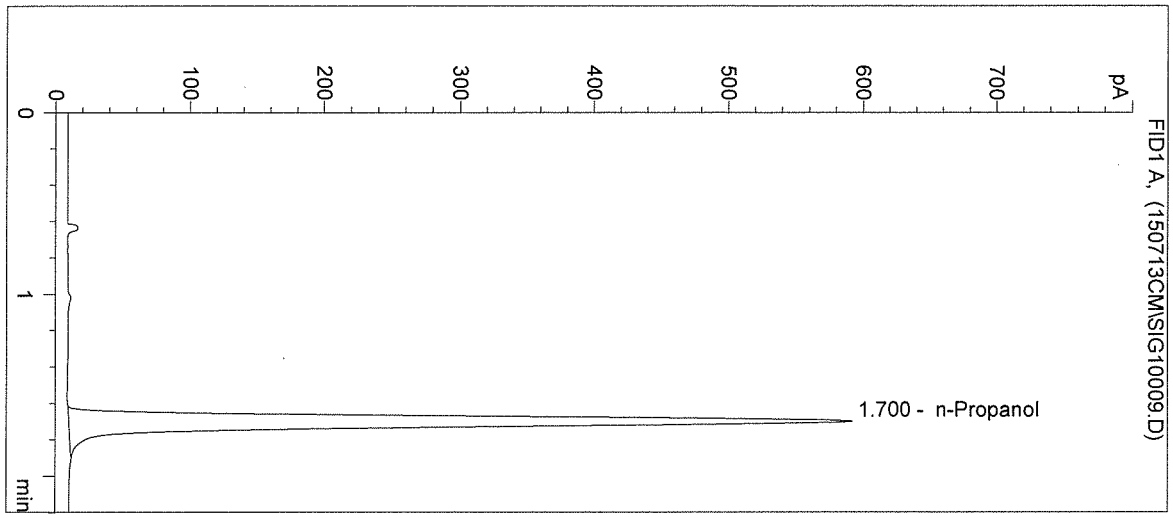


n-Propanol 0.012 g/100mL

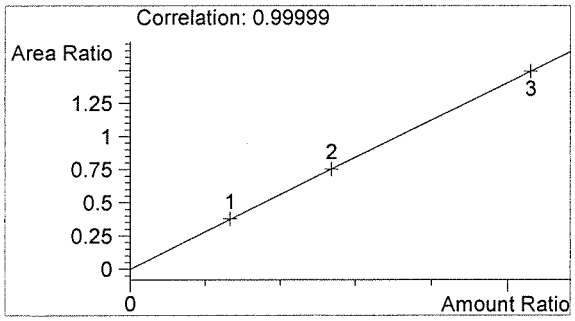
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/13/2015 9:37:41 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

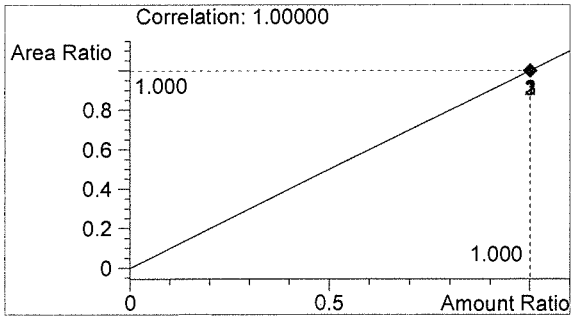
Sample Name: NEG CTRL
Operator: Christie Mitchell-Mata
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2313	1.700



Ethanol 0.000 g/100mL

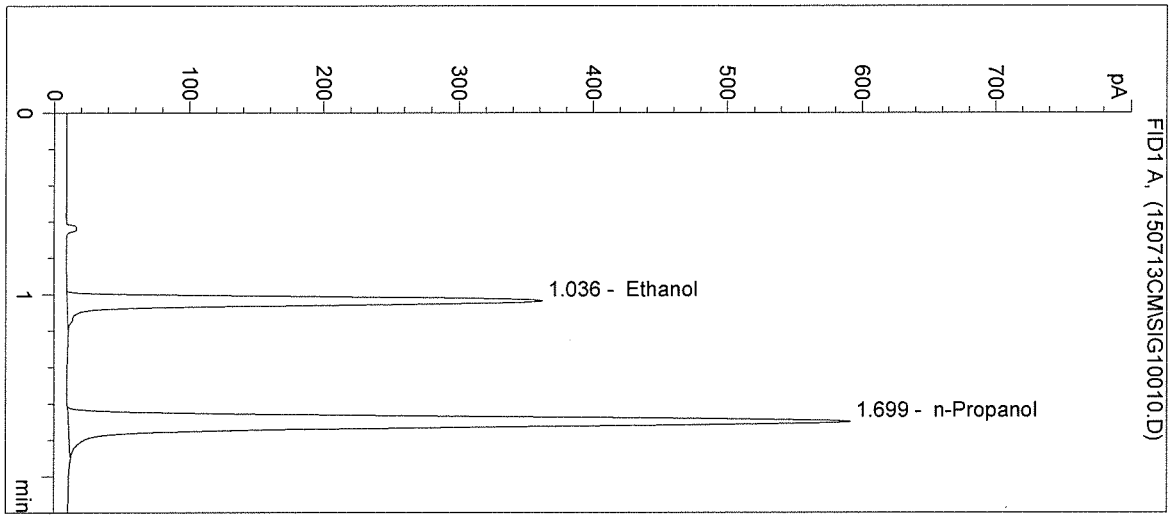


n-Propanol 0.012 g/100mL

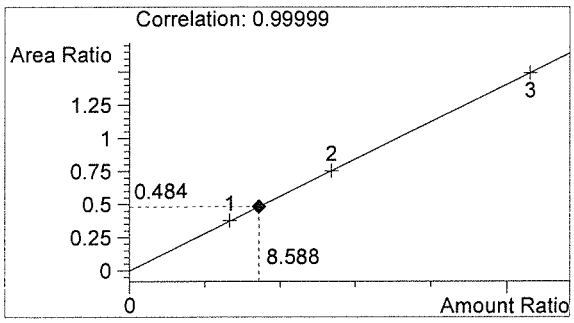
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/13/2015 9:40:54 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

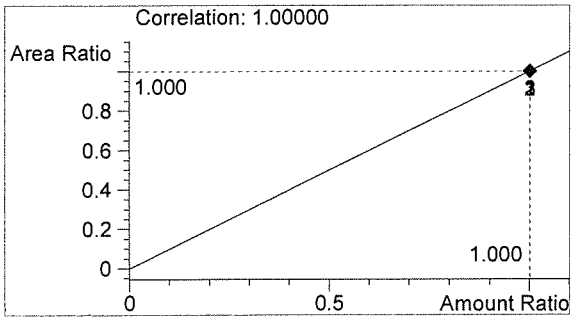
Sample Name: 15032-1
Operator: Christie Mitchell-Mata
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1116	1.036
2	n-Propanol	2306	1.699



Ethanol 0.103 g/100mL

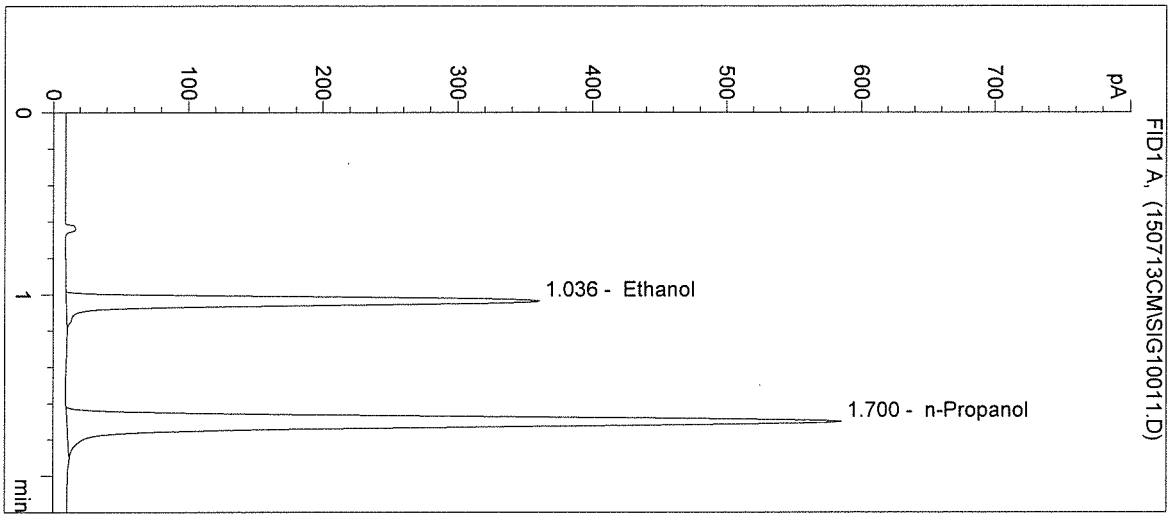


n-Propanol 0.012 g/100mL

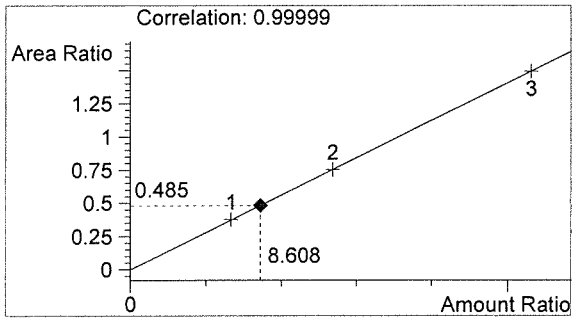
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/13/2015 9:44:08 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

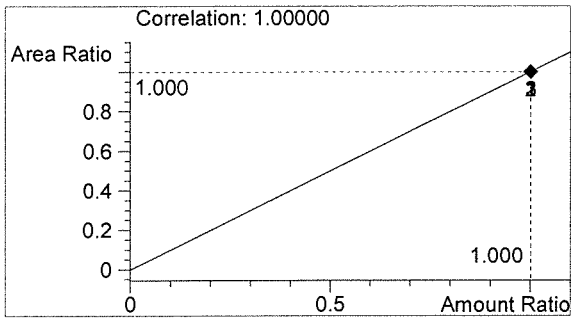
Sample Name: 15032-2
Operator: Christie Mitchell-Mata
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1107	1.036
2	n-Propanol	2283	1.700



Ethanol 0.103 g/100mL

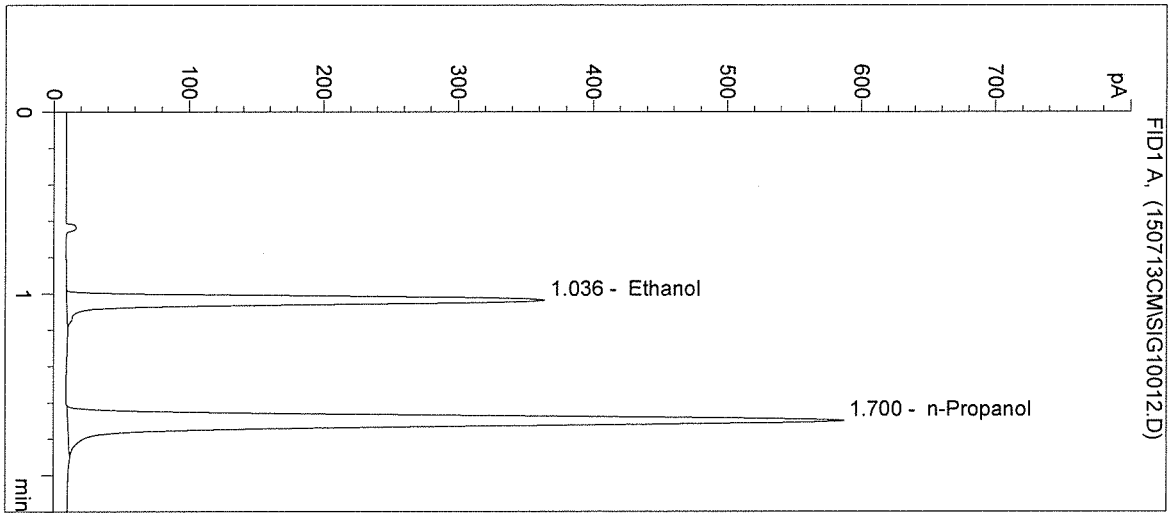


n-Propanol 0.012 g/100mL

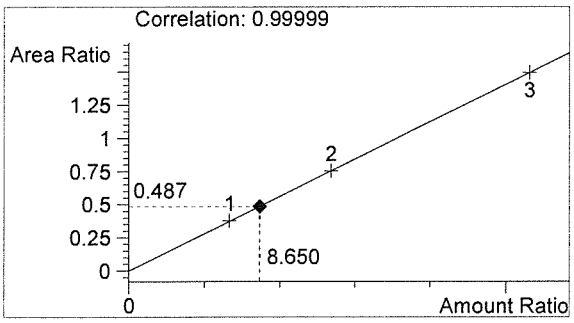
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/13/2015 9:47:21 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

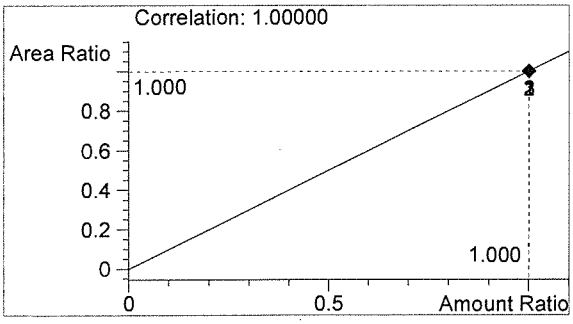
Sample Name: 15032-3
Operator: Christie Mitchell-Mata
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1111	1.036
2	n-Propanol	2280	1.700



Ethanol 0.104 g/100mL

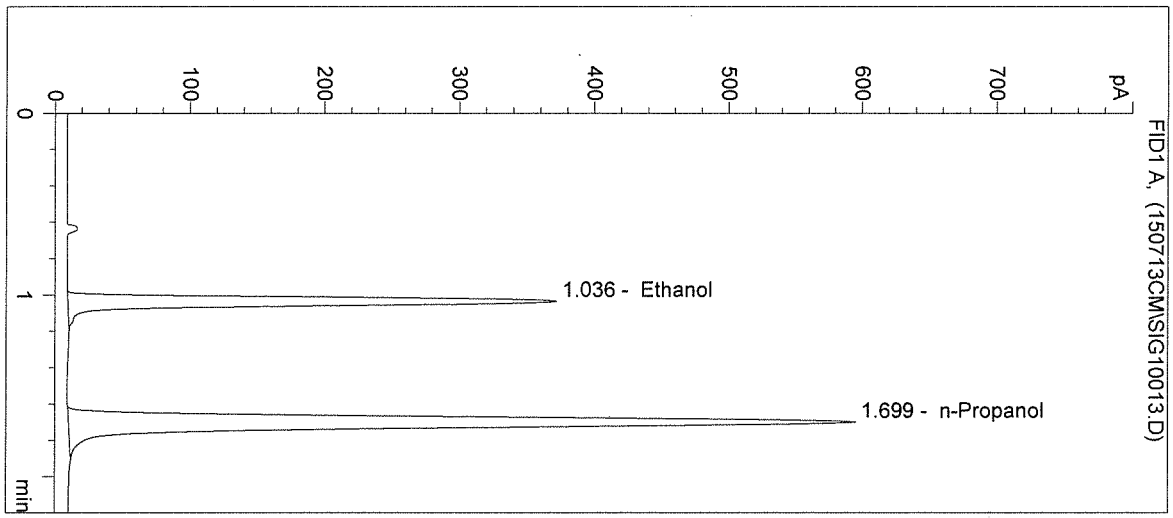


n-Propanol 0.012 g/100mL

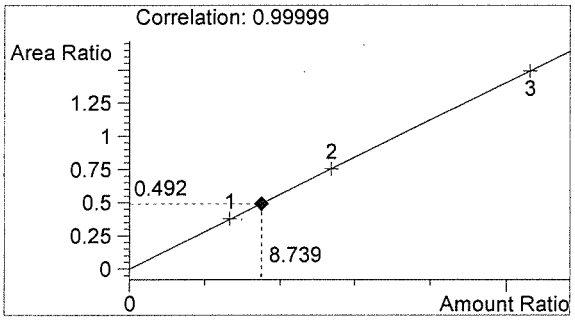
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/13/2015 9:50:34 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

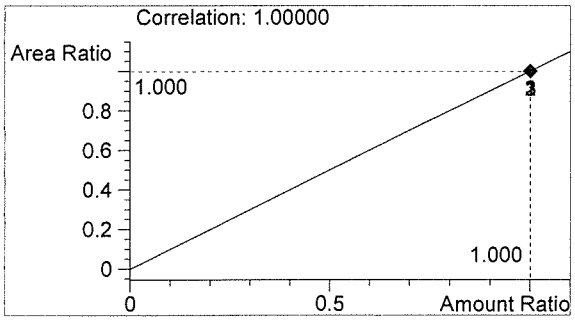
Sample Name: 15032-4
Operator: Christie Mitchell-Mata
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1140	1.036
2	n-Propanol	2317	1.699



Ethanol 0.105 g/100mL

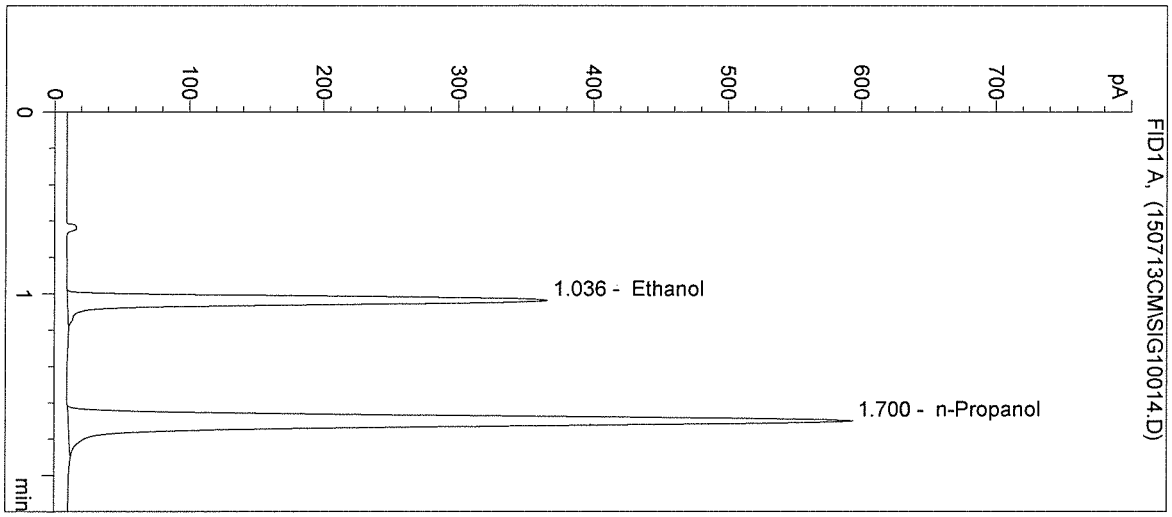


n-Propanol 0.012 g/100mL

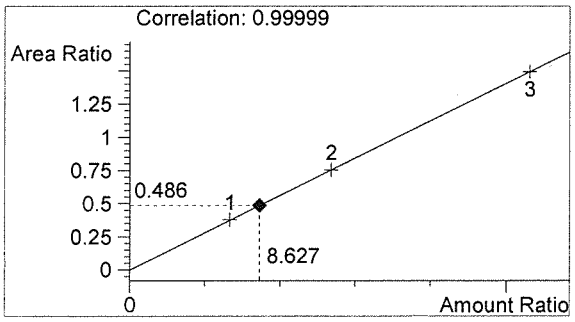
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/13/2015 9:53:50 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

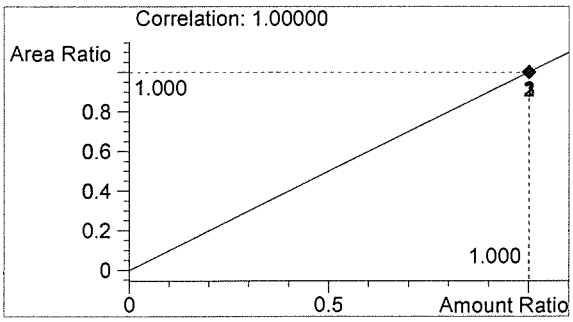
Sample Name: 15032-5
Operator: Christie Mitchell-Mata
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1121	1.036
2	n-Propanol	2308	1.700



Ethanol 0.104 g/100mL

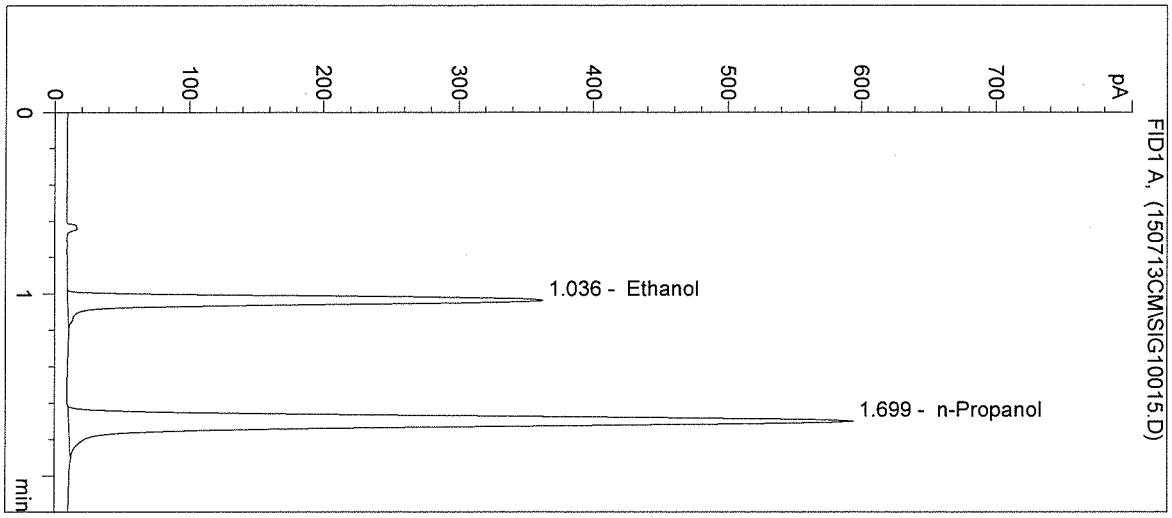


n-Propanol 0.012 g/100mL

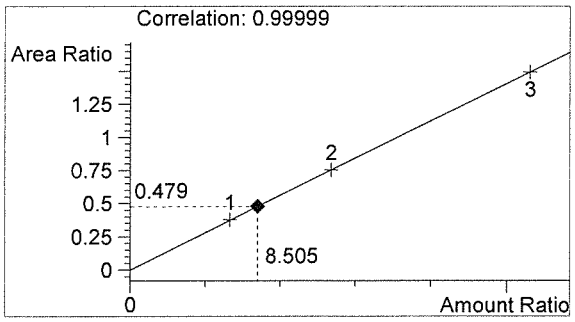
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/13/2015 9:57:01 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

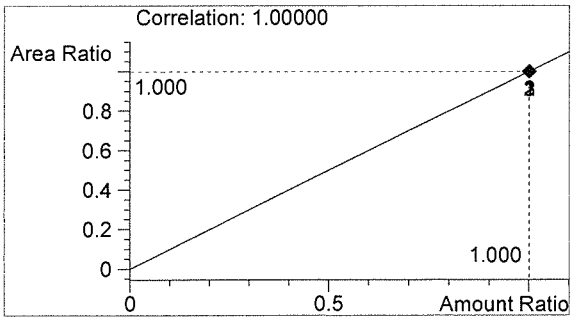
Sample Name: 0.10 CTRL
Operator: Christie Mitchell-Mata
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.036
2	n-Propanol	2310	1.699



Ethanol 0.102 g/100mL

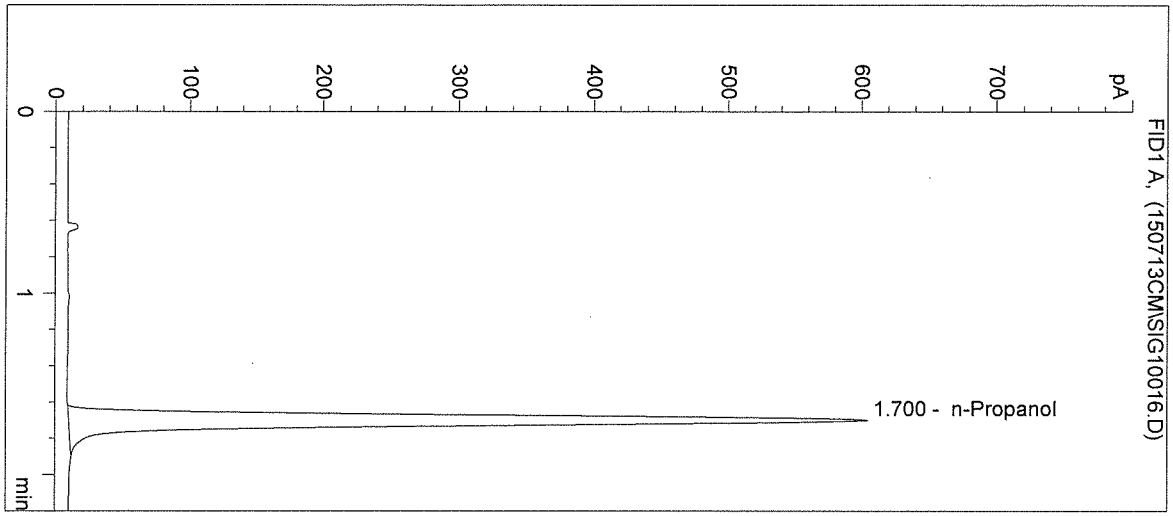


n-Propanol 0.012 g/100mL

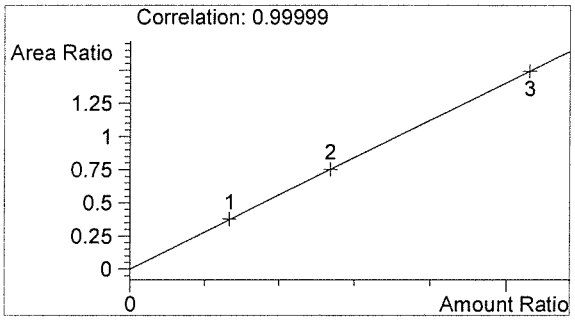
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/13/2015 10:00:15 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

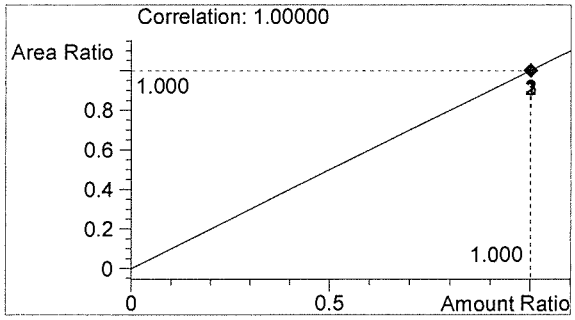
Sample Name: NEG CTRL
Operator: Christie Mitchell-Mata
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2355	1.700



Ethanol 0.000 g/100mL



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\1\DATA\
Data Subdirectory:	150714CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0615-01 - Exp. 12/02/2015
Ethanol Calibrator 2, E0615-02 - Exp. 12/02/2015
Ethanol Calibrator 3, E0615-03 - Exp. 12/02/2015
CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019

Internal Standard Lot#P0615 - Exp. 09/04/2015

Calibration vials 1-9 filed with 15032.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Calib		
3	Vial 3	CAL 2 (0.158)	SIMALC1	1	Calib		
4	Vial 4	CAL 3 (0.316)	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - CJ	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CJ	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CJ	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - CJ	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CJ	SIMALC1	1	Ctrl Samp		
10	Vial 10	ESS 15032 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 15032 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 15032 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 15032 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 15032 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - CJ	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - CJ	SIMALC1	1	Ctrl Samp		
17	Vial 17	ESS 15033 #1	SIMALC1	1	Sample		
18	Vial 18	ESS 15033 #2	SIMALC1	1	Sample		
19	Vial 19	ESS 15033 #3	SIMALC1	1	Sample		
20	Vial 20	ESS 15033 #4	SIMALC1	1	Sample		
21	Vial 21	ESS 15033 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL - CJ	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL - CJ	SIMALC1	1	Ctrl Samp		

15032

fn 8/3/15

Sequence: C:\HPCHEM\1\SEQUENCE\CJEXTST1.S

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

15032

fnd 3/15

Calibration Table

Calib. Data Modified : Tuesday, July 14, 2015 2:53:06 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
1.036	1	1	7.97800e-2	882.14539	9.04386e-5	1		Ethanol
		2	1.60980e-1	1743.33728	9.23401e-5			
		3	3.18440e-1	3609.69189	8.82181e-5			
1.700	1	1	1.20000e-2	2313.88086	5.18609e-6	I1		n-Propanol
		2	1.20000e-2	2294.21753	5.23054e-6			
		3	1.20000e-2	2376.55176	5.04933e-6			

Peak Sum Table

No Entries in table

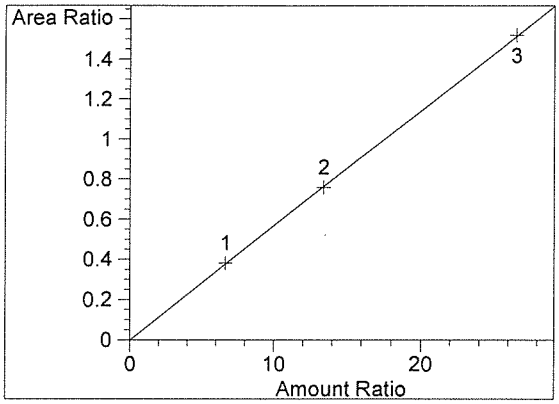
15032
Jns 13/15

W

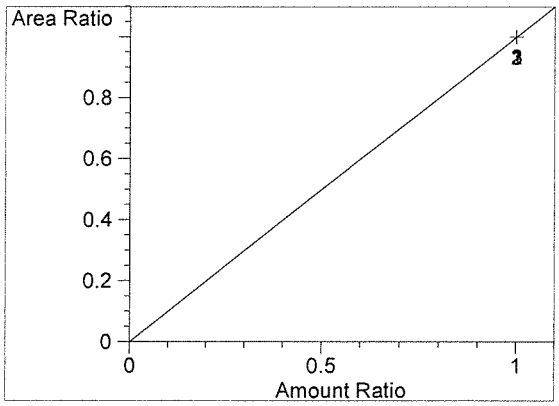
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.036
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00499
Formula: y = mx + b
m: 5.71913e-2
b: -1.27857e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.700
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

==========

15032

fns 3/15

Washington State Patrol Toxicology Laboratory
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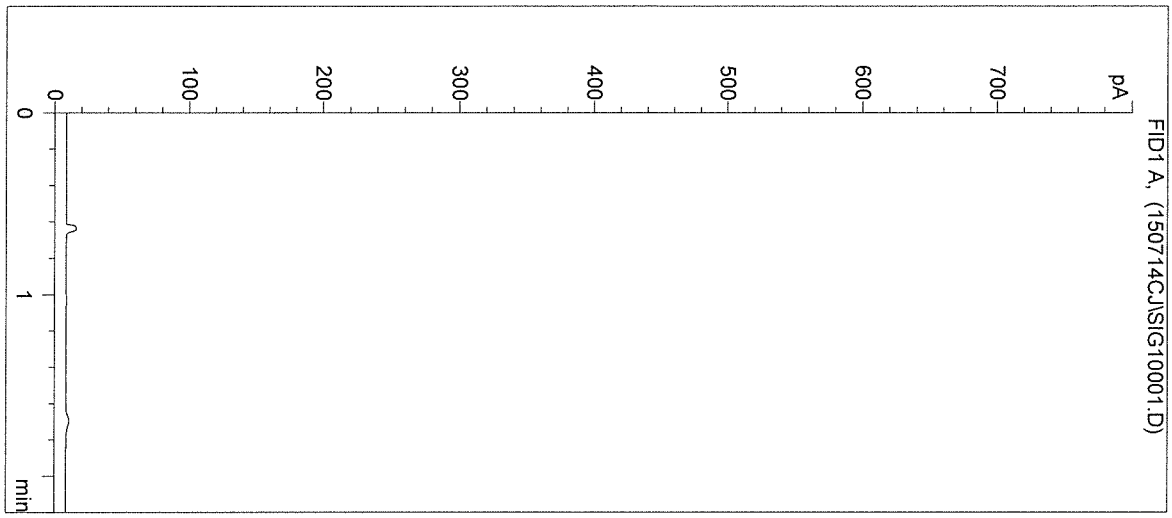
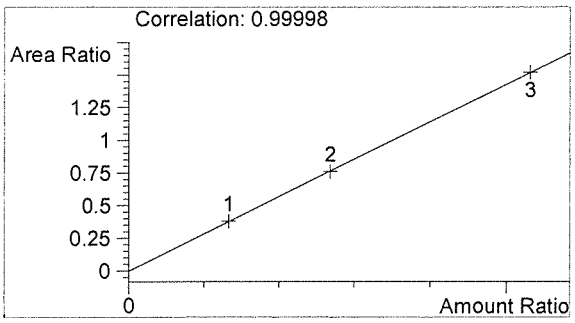
Inj. Date: 7/14/2015 2:41:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

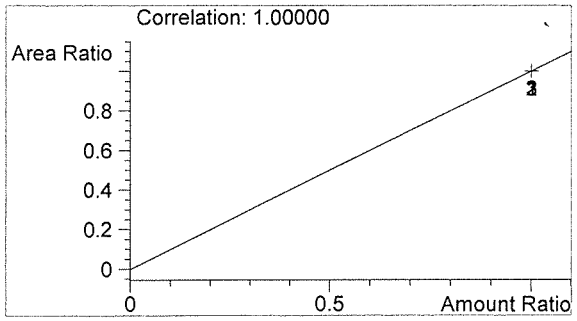
Sample Name: BLANK
Operator: Chris Johnston
Location: Vial 1



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



Ethanol 0.000 g/100mL

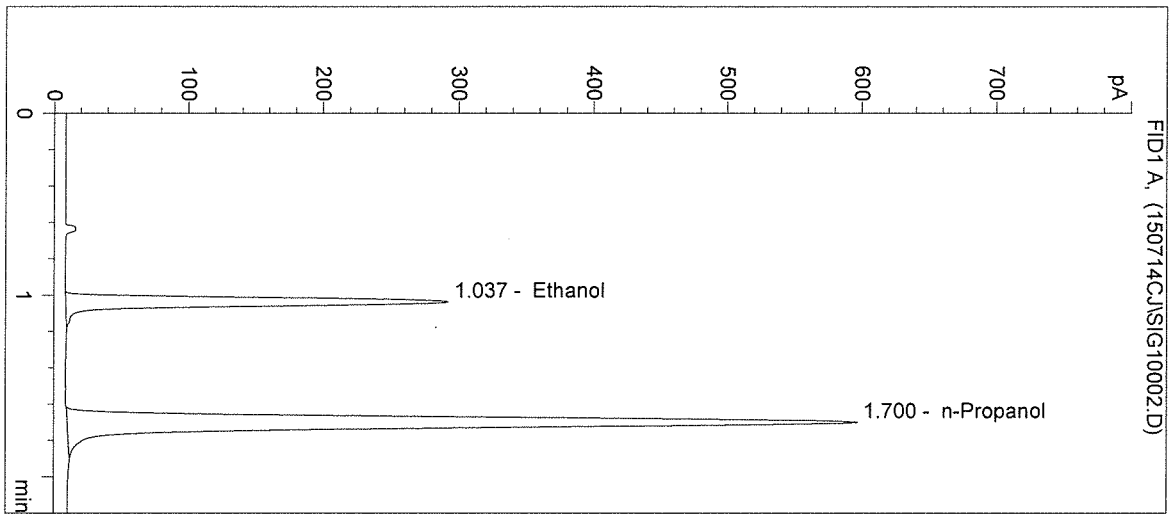


n-Propanol 0.000 g/100mL

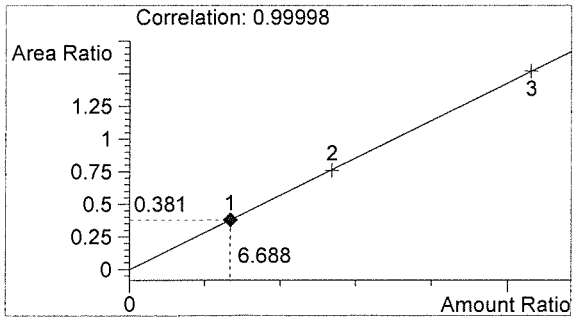
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/14/2015 2:44:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

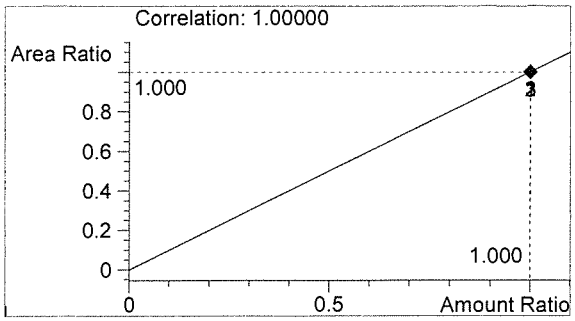
Sample Name: CAL 1 (0.079)
Operator: Chris Johnston
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	882	1.037
2	n-Propanol	2314	1.700



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

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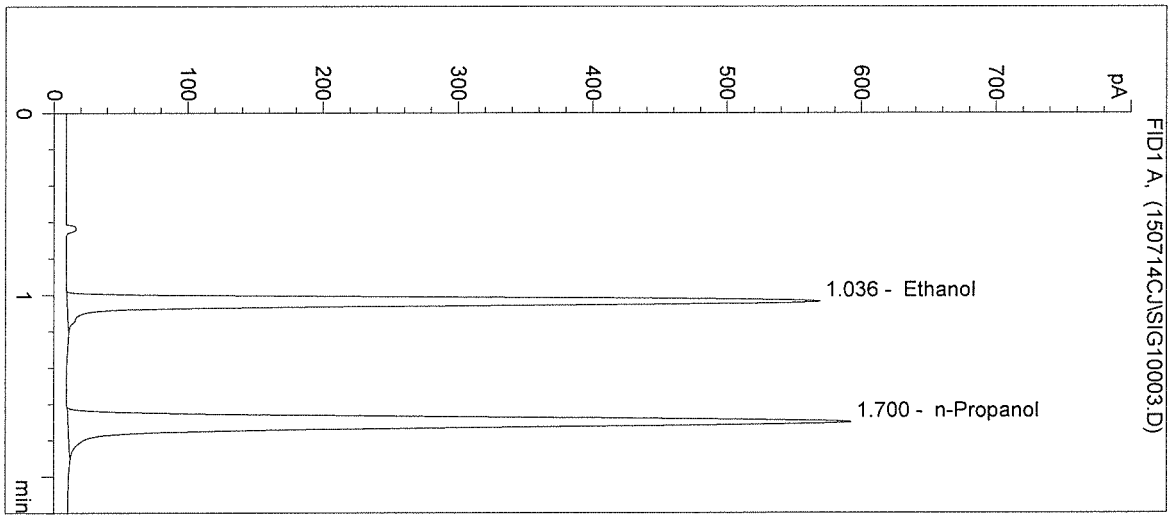
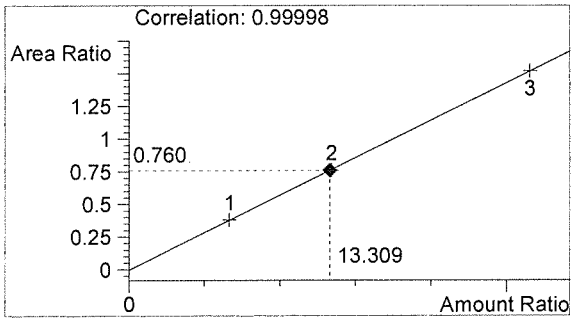
Inj. Date: 7/14/2015 2:47:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

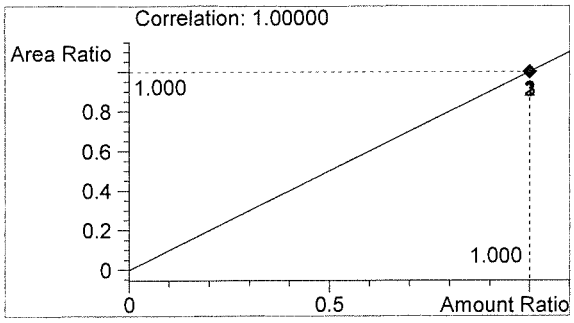
Sample Name: CAL 2 (0.158)
Operator: Chris Johnston
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1743	1.036
2	n-Propanol	2294	1.700



Ethanol 0.160 g/100mL

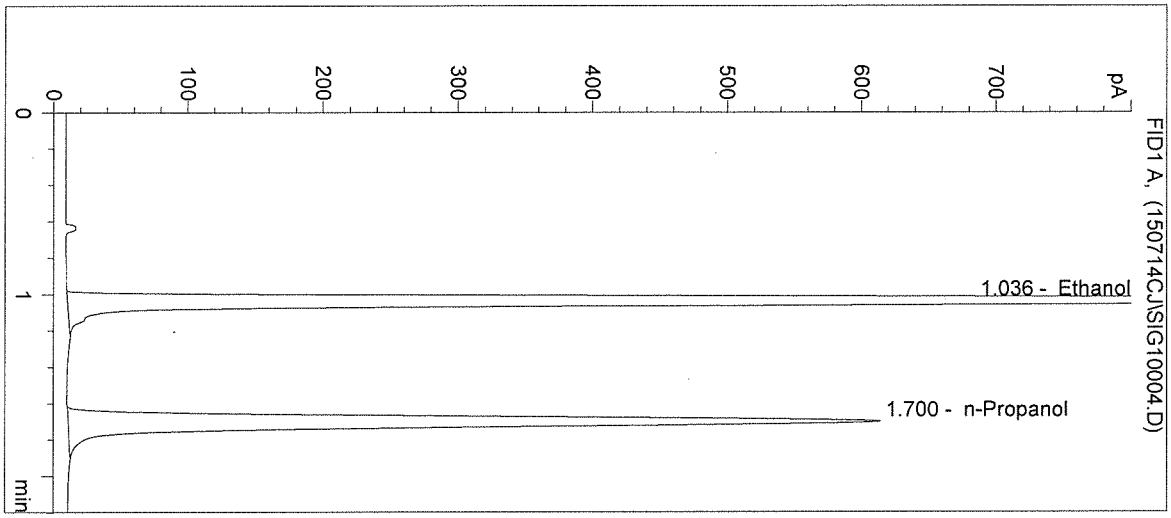


n-Propanol 0.012 g/100mL

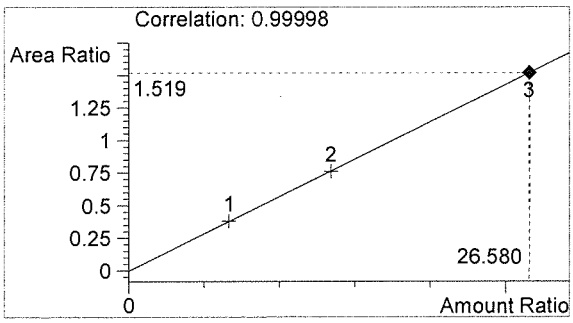
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/14/2015 2:50:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

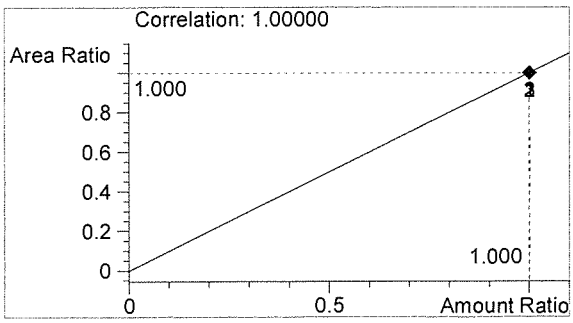
Sample Name: CAL 3 (0.316)
Operator: Chris Johnston
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3610	1.036
2	n-Propanol	2377	1.700



Ethanol 0.319 g/100mL

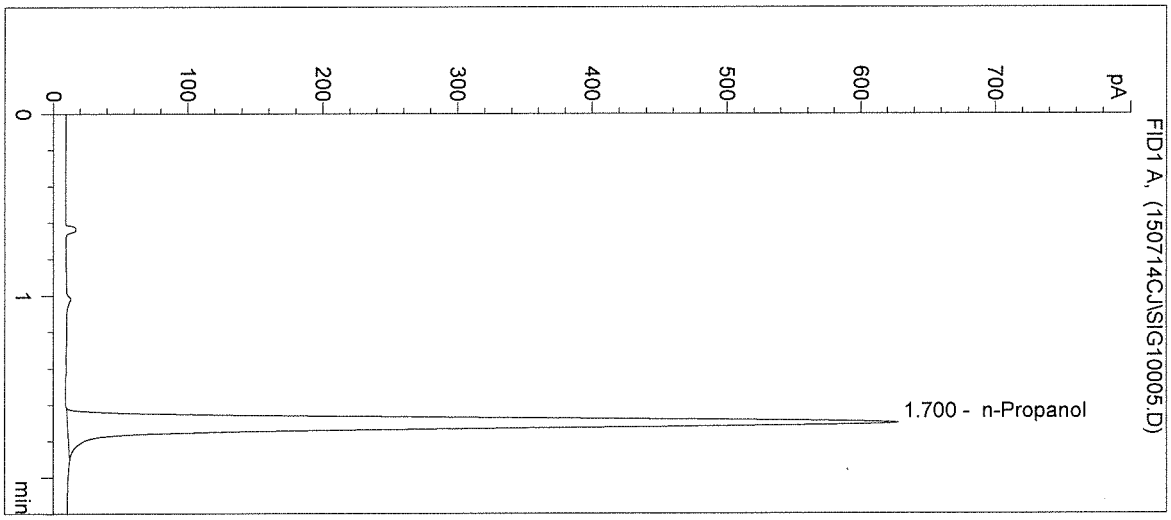


n-Propanol 0.012 g/100mL

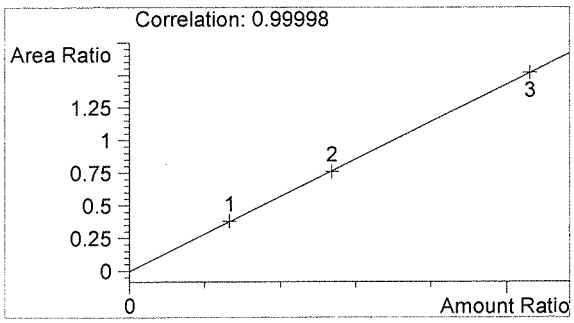
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/14/2015 2:54:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

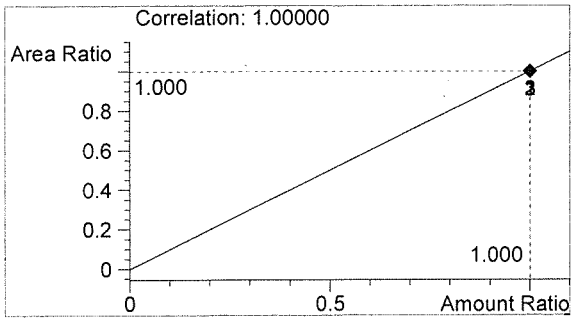
Sample Name: NEG CTRL - CJ
Operator: Chris Johnston
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2430	1.700



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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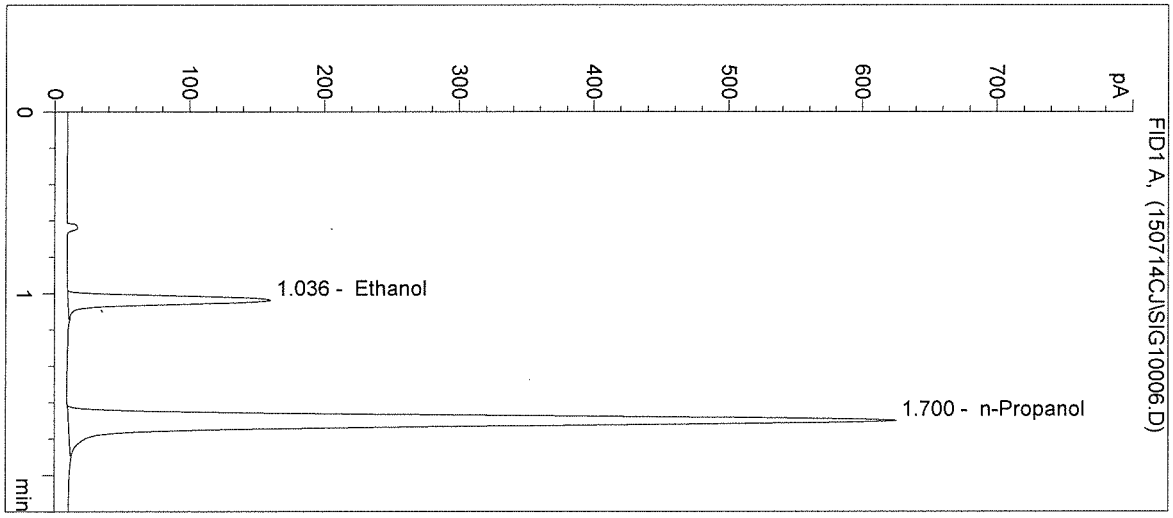
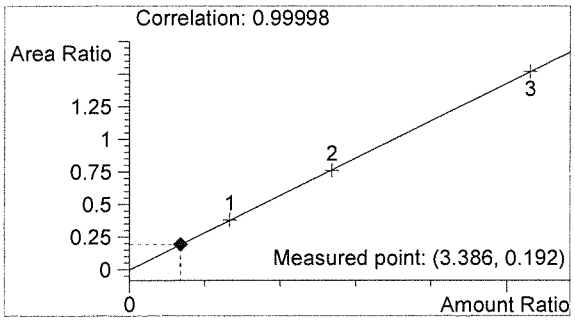
Inj. Date: 7/14/2015 2:57:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

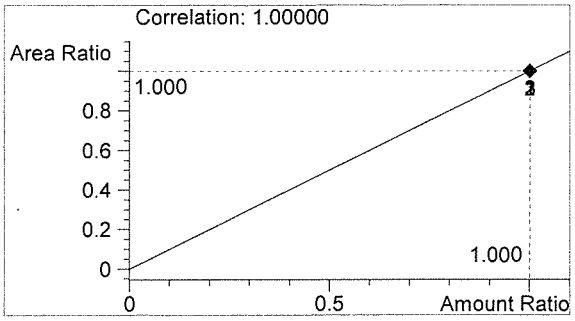
Sample Name: 0.04 CTRL - CJ
Operator: Chris Johnston
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	466	1.036
2	n-Propanol	2420	1.700



Ethanol 0.041 g/100mL

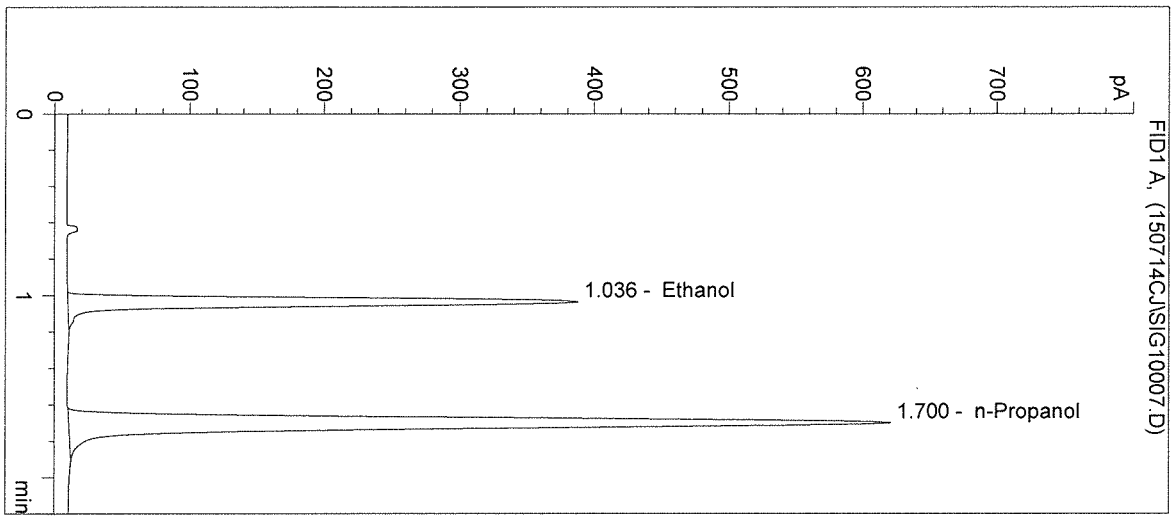


n-Propanol 0.012 g/100mL

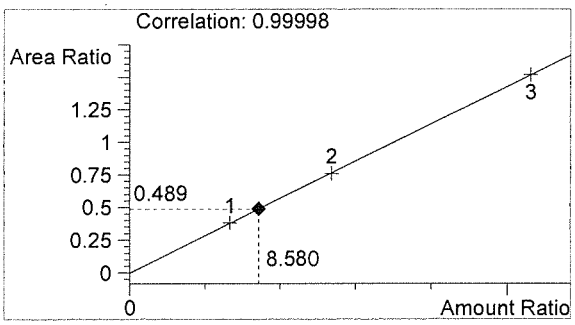
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/14/2015 3:00:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

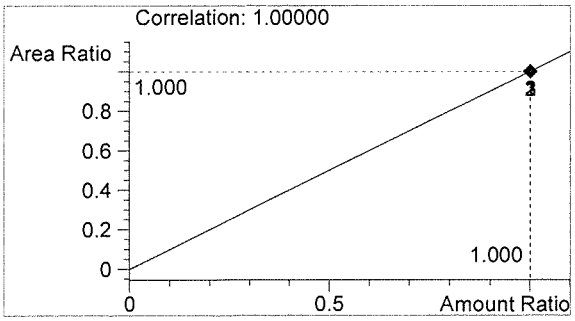
Sample Name: 0.10 CTRL - CJ
Operator: Chris Johnston
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1179	1.036
2	n-Propanol	2409	1.700



Ethanol 0.103 g/100mL

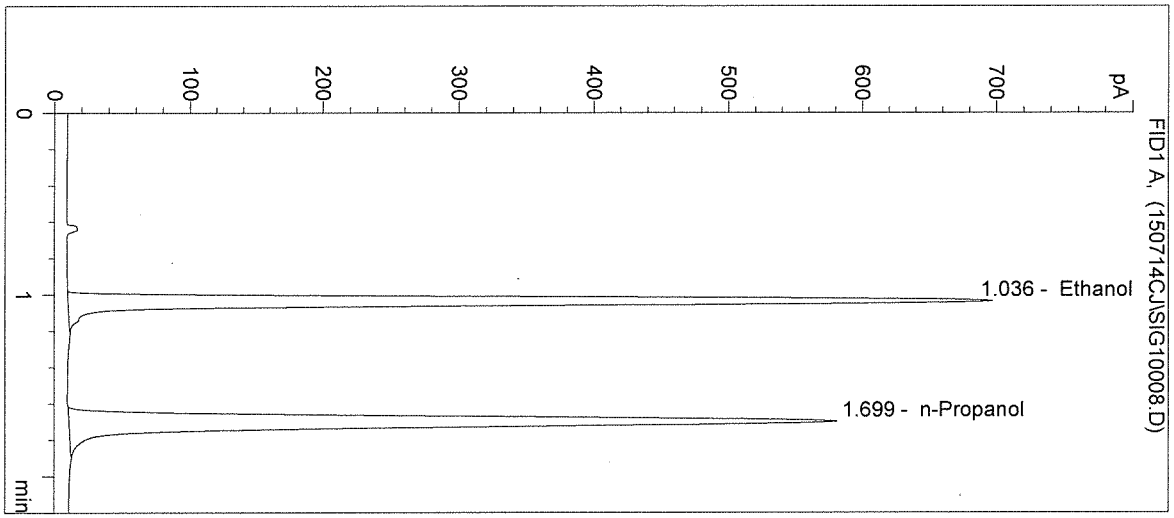


n-Propanol 0.012 g/100mL

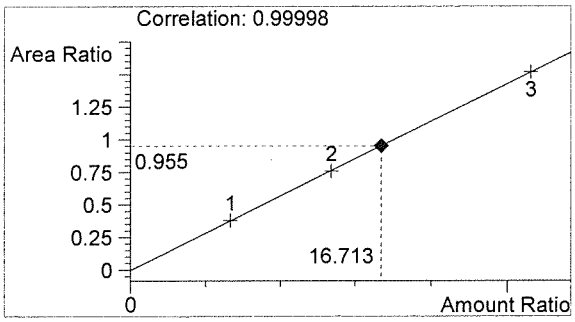
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/14/2015 3:03:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

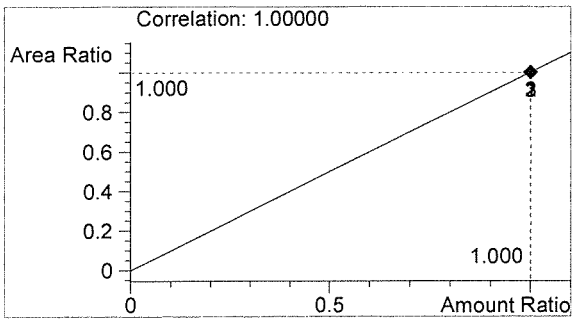
Sample Name: 0.20 CTRL - CJ
Operator: Chris Johnston
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2150	1.036
2	n-Propanol	2252	1.699



Ethanol 0.201 g/100mL

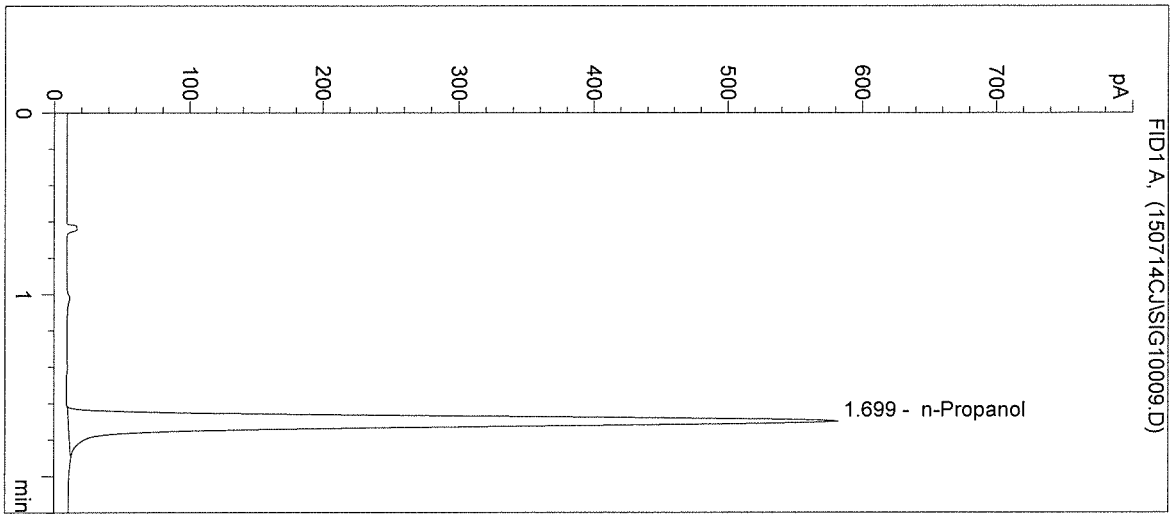


n-Propanol 0.012 g/100mL

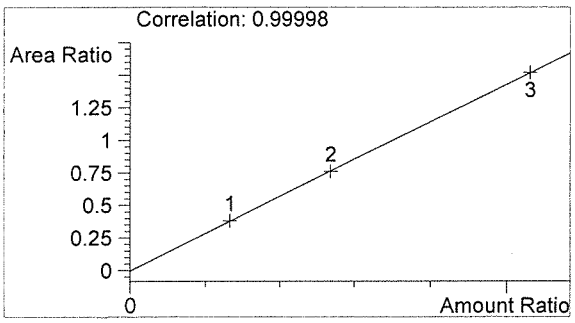
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/14/2015 3:06:58 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

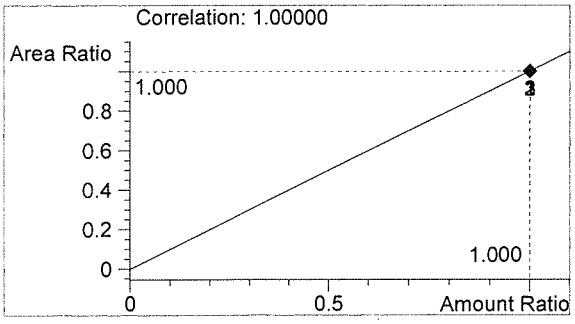
Sample Name: NEG CTRL - CJ
Operator: Chris Johnston
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2262	1.699



Ethanol 0.000 g/100mL

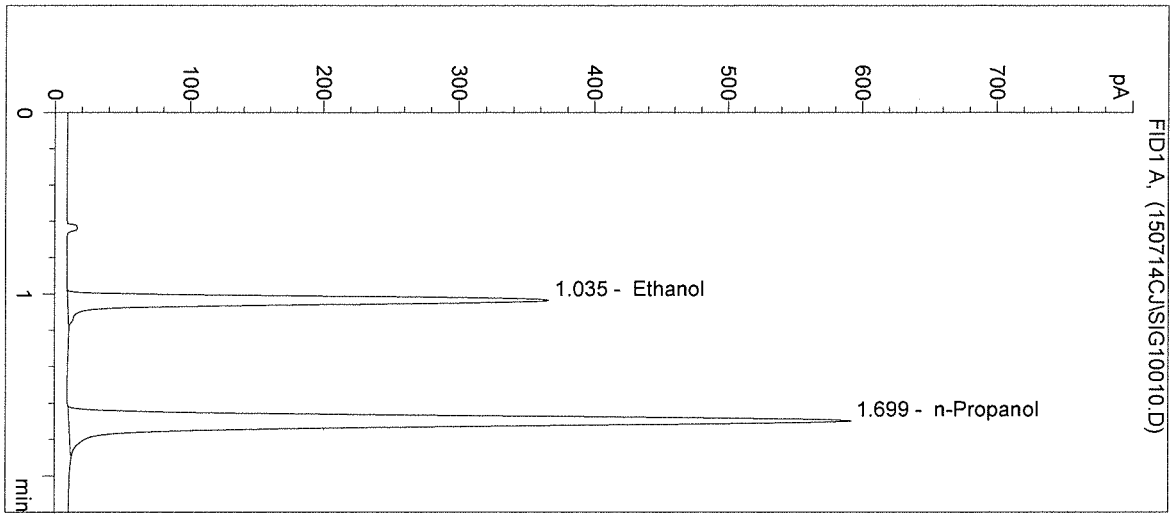


n-Propanol 0.012 g/100mL

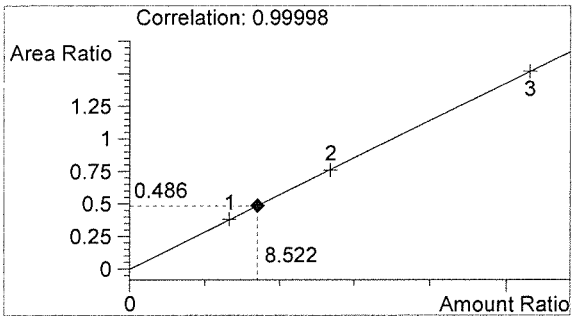
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/14/2015 3:10:12 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

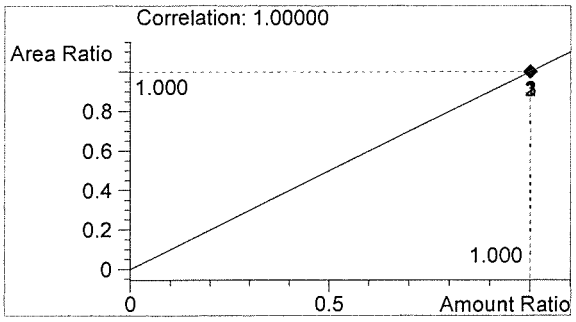
Sample Name: ESS 15032 #1
Operator: Chris Johnston
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.035
2	n-Propanol	2294	1.699



Ethanol 0.102 g/100mL

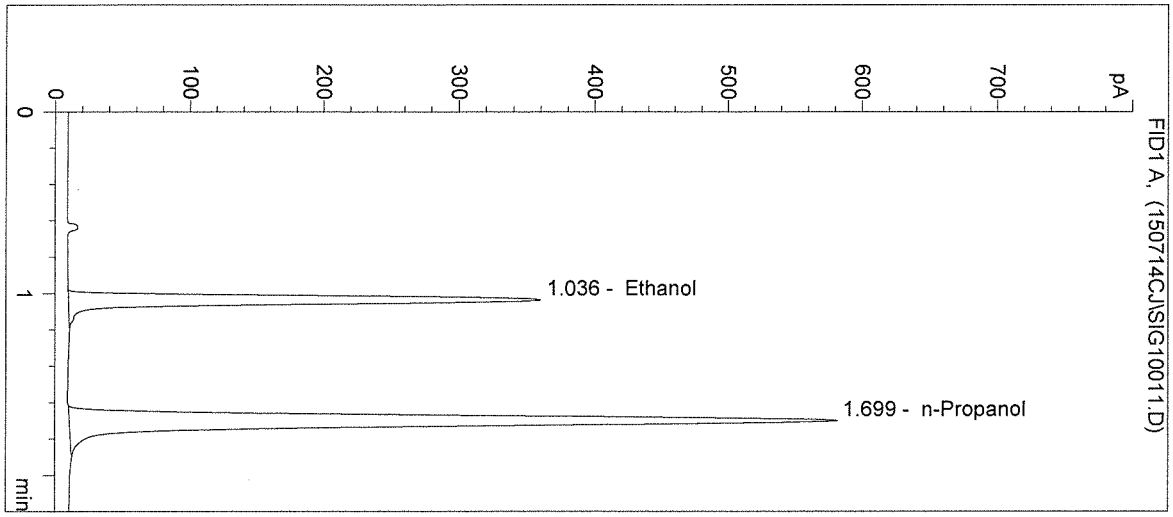


n-Propanol 0.012 g/100mL

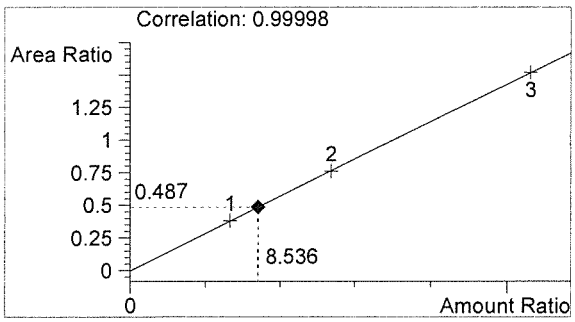
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/14/2015 3:13:25 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

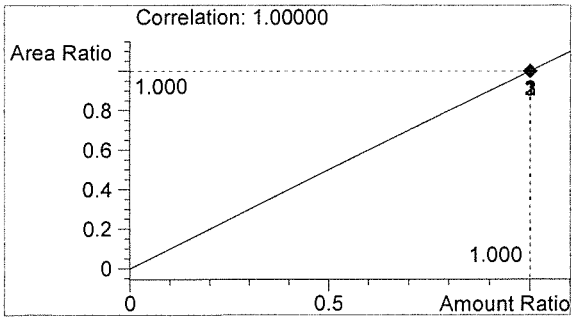
Sample Name: ESS 15032 #2
Operator: Chris Johnston
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1098	1.036
2	n-Propanol	2255	1.699



Ethanol 0.102 g/100mL

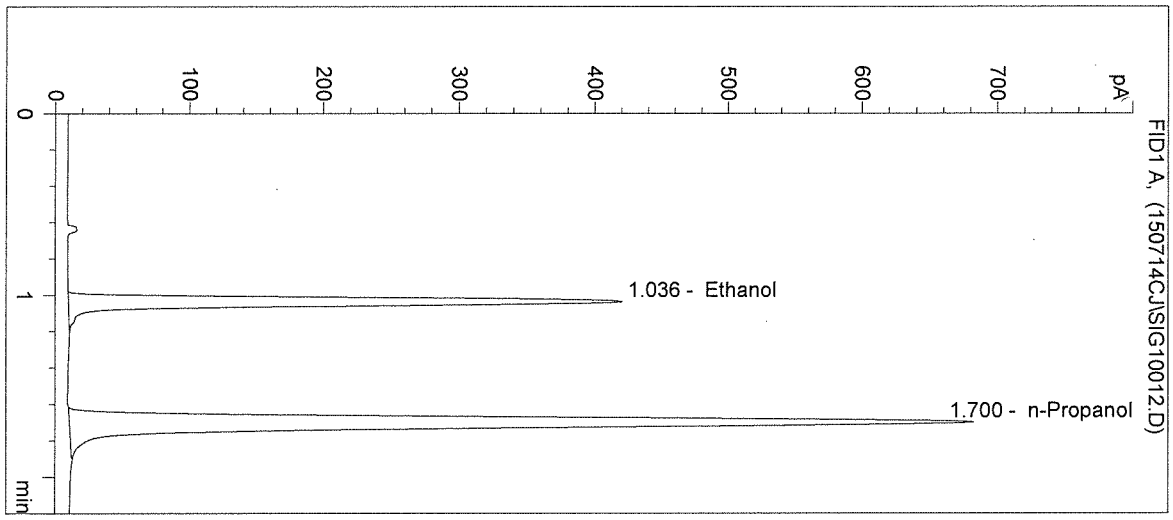


n-Propanol 0.012 g/100mL

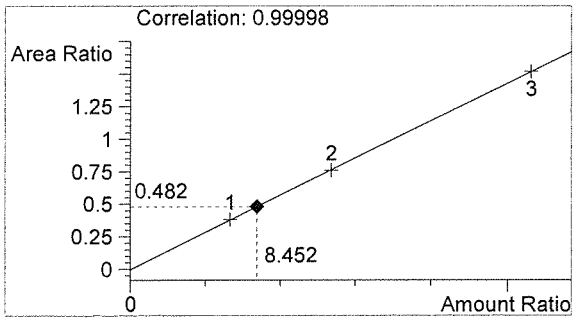
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/14/2015 3:16:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

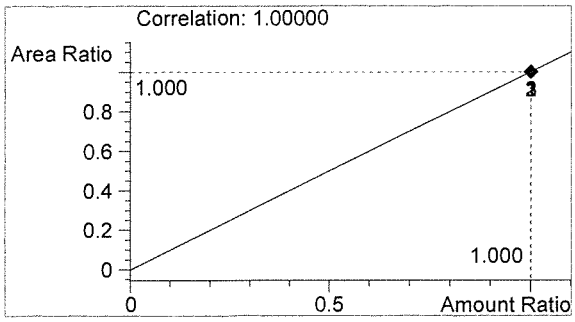
Sample Name: ESS 15032 #3
Operator: Chris Johnston
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1275	1.036
2	n-Propanol	2644	1.700



Ethanol 0.101 g/100mL

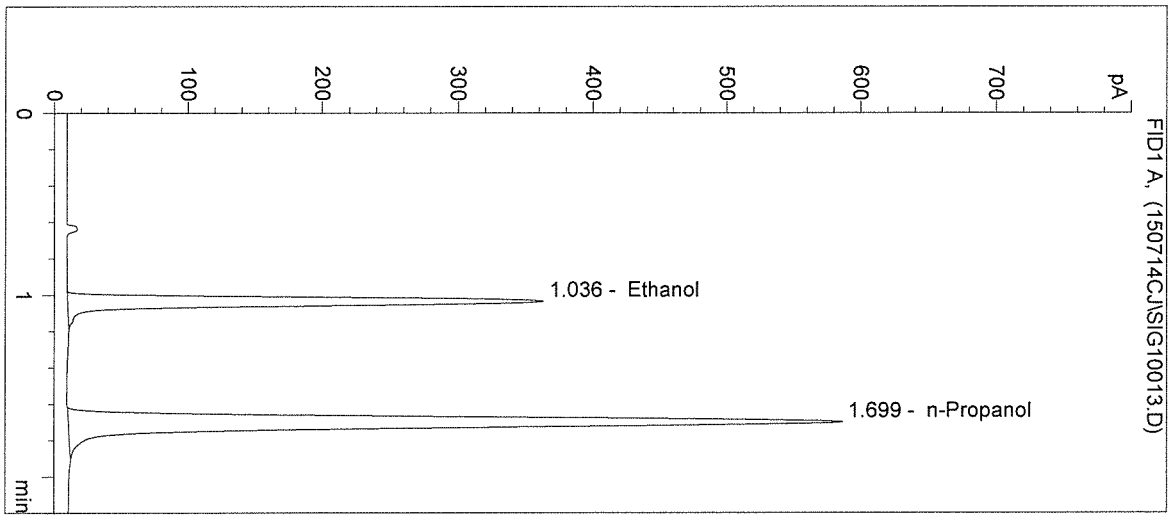


n-Propanol 0.012 g/100mL

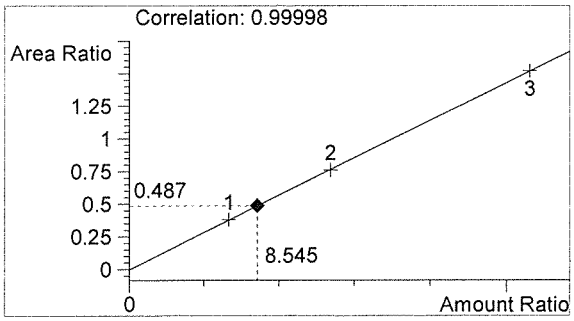
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/14/2015 3:19:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

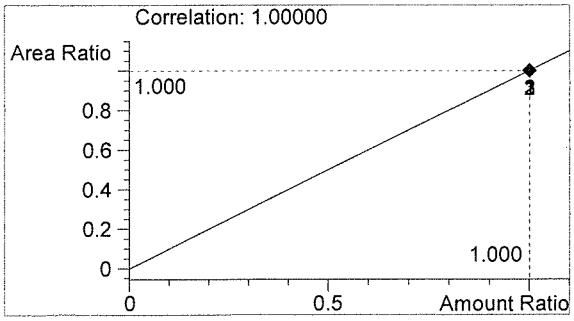
Sample Name: ESS 15032 #4
Operator: Chris Johnston
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1109	1.036
2	n-Propanol	2275	1.699



Ethanol 0.103 g/100mL

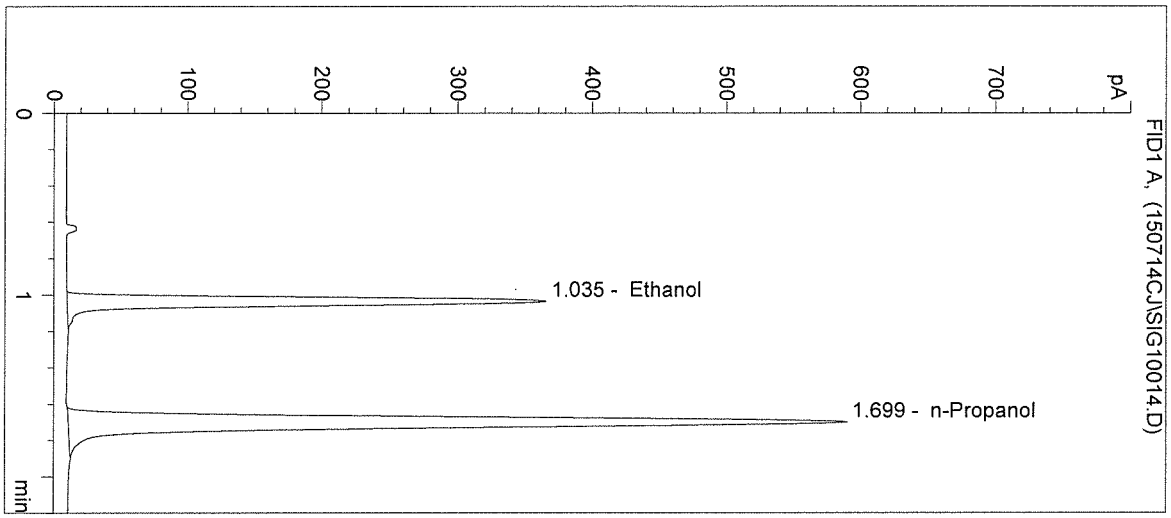


n-Propanol 0.012 g/100mL

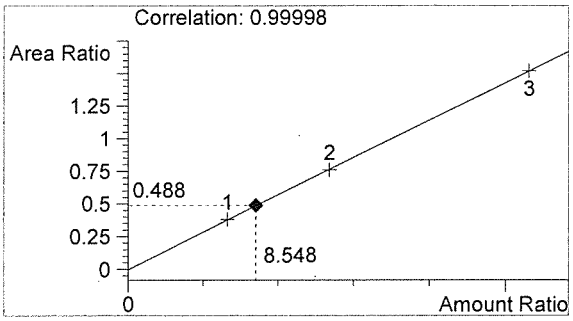
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/14/2015 3:23:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

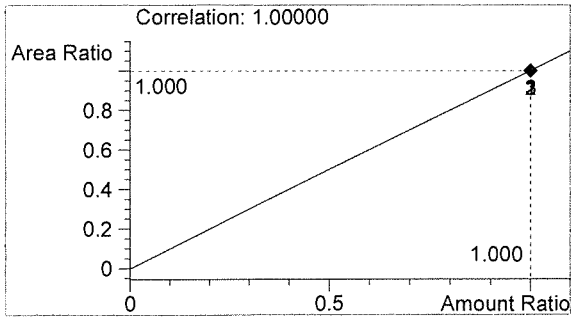
Sample Name: ESS 15032 #5
Operator: Chris Johnston
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1117	1.035
2	n-Propanol	2291	1.699



Ethanol 0.103 g/100mL

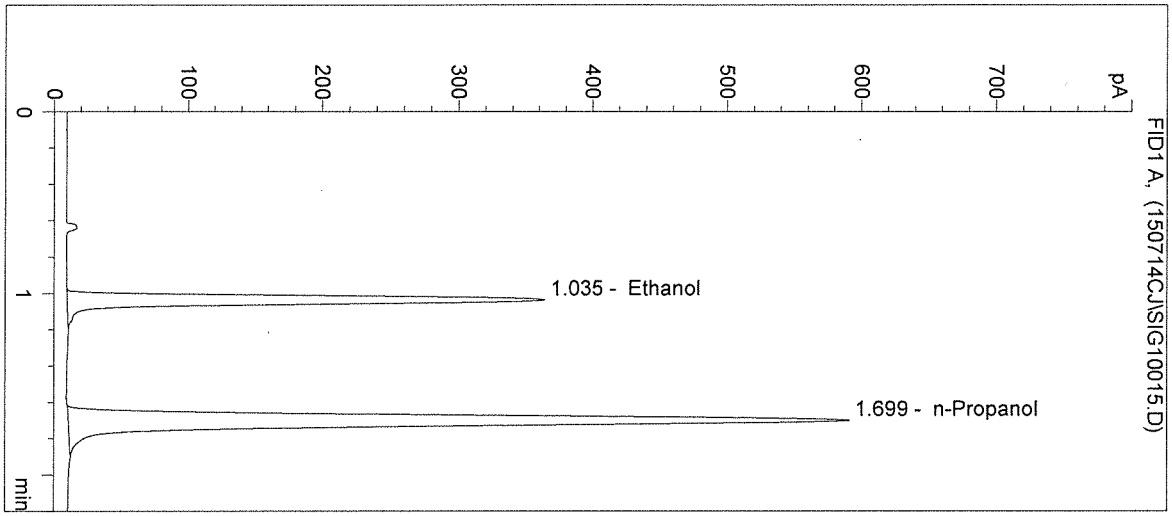


n-Propanol 0.012 g/100mL

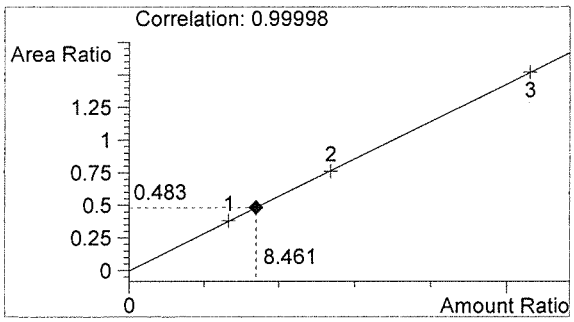
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/14/2015 3:26:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

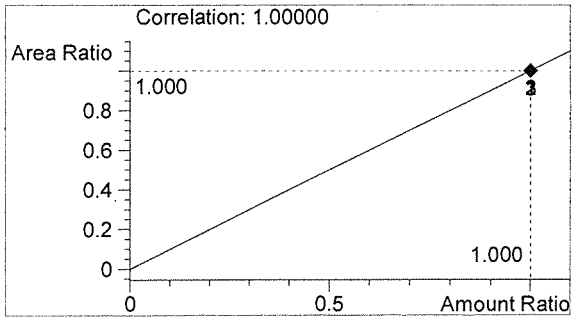
Sample Name: 0.10 CTRL - CJ
Operator: Chris Johnston
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1103	1.035
2	n-Propanol	2285	1.699



Ethanol 0.102 g/100mL

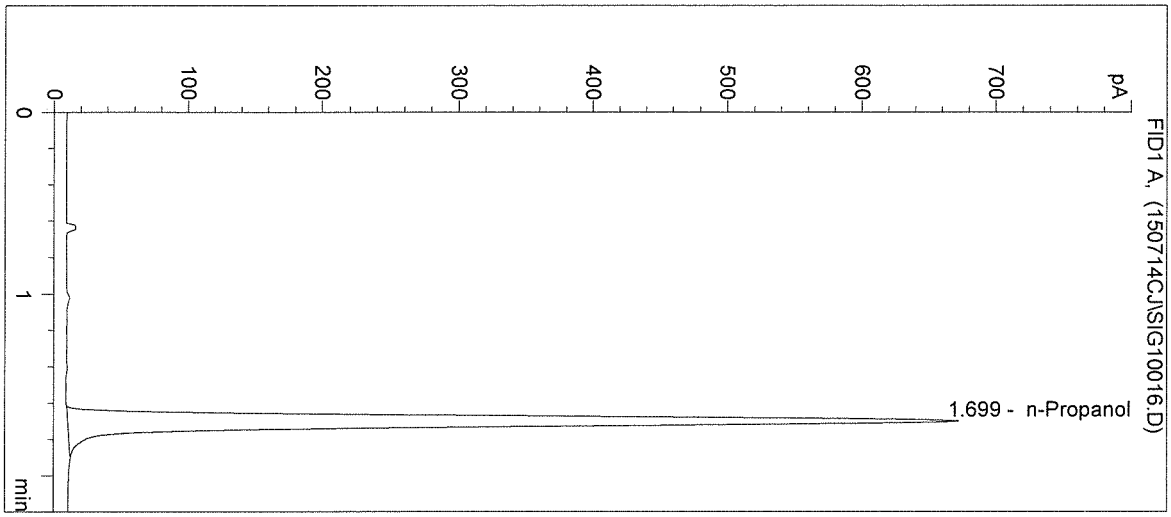


n-Propanol 0.012 g/100mL

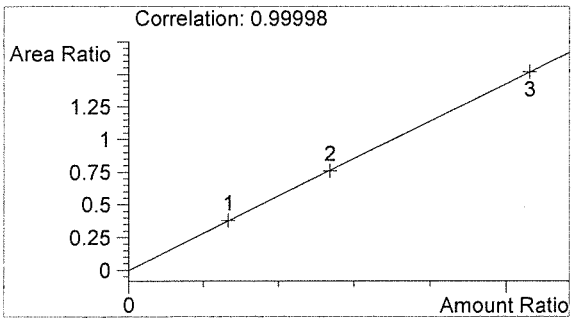
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/14/2015 3:29:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

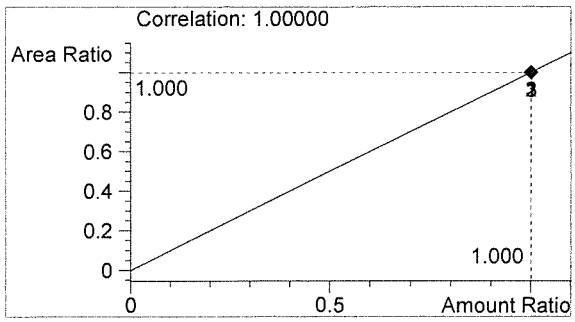
Sample Name: NEG CTRL - CJ
Operator: Chris Johnston
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2605	1.699



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Sequence: C:\HPCHEM\1\SEQUENCE\AL-ESS1.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\1\DATA\
Data Subdirectory:	150715AL
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 e0615-01 exp 12/02/2015
cal 2 0.158 g/100mL e0615-02 exp 12/02/2015
cal 3 0.316 g/100mL e0615-03 exp 12/02/2015
0.04 control fn05011301 exp 05/2018
0.10 control fn08051301 exp 10/2018
0.20 control fn03211401 exp 06/2019
istd p0615exp 09/04/2015

calibration in file 15032

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC1	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC1	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC1	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC1	1	Calib		
5	Vial 5	neg control - al	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 ctrl al	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 ctrl al	SIMALC1	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC1	1	Ctrl Samp		
10	Vial 10	15032 #1	SIMALC1	1	Sample		
11	Vial 11	15032 #2	SIMALC1	1	Sample		
12	Vial 12	15032 #3	SIMALC1	1	Sample		
13	Vial 13	15032 #4	SIMALC1	1	Sample		
14	Vial 14	15032 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
16	Vial 16	neg control - al	SIMALC1	1	Ctrl Samp		
17	Vial 17	15033 #1	SIMALC1	1	Sample		
18	Vial 18	15033 #2	SIMALC1	1	Sample		
19	Vial 19	15033 #3	SIMALC1	1	Sample		
20	Vial 20	15033 #4	SIMALC1	1	Sample		
21	Vial 21	15033 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
23	Vial 23	neg control - al	SIMALC1	1	Ctrl Samp		

- 15032

fn 8/3/15

Calibration Part:

Sequence: C:\HPCHEM\1\SEQUENCE\AL-ESS1.S

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

Sequence Table (Back Injector):

No entries - empty table!

15032

fn 8/3/15

Calibration Table

Calib. Data Modified : Wednesday, July 15, 2015 7:54:12 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
1.036	1	1	7.97800e-2	865.94135	9.21310e-5	1		Ethanol
		2	1.60980e-1	1687.84827	9.53759e-5			
		3	3.18440e-1	3378.27783	9.42610e-5			
1.699	1	1	1.20000e-2	2273.82275	5.27746e-6	I1		n-Propanol
		2	1.20000e-2	2246.38135	5.34192e-6			
		3	1.20000e-2	2264.29004	5.29967e-6			

Peak Sum Table

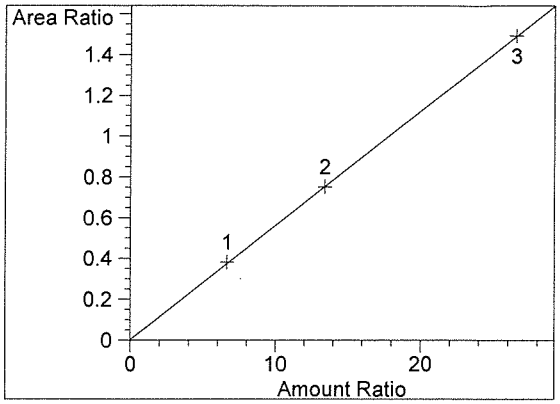
No Entries in table

15032
7/13/15

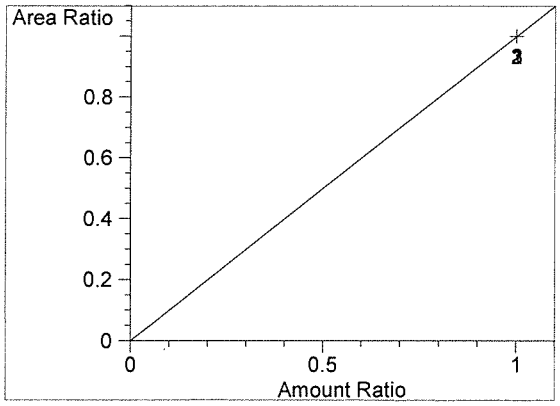
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.036
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00496
Formula: y = mx + b
m: 5.61189e-2
b: 2.25867e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.699
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

==========

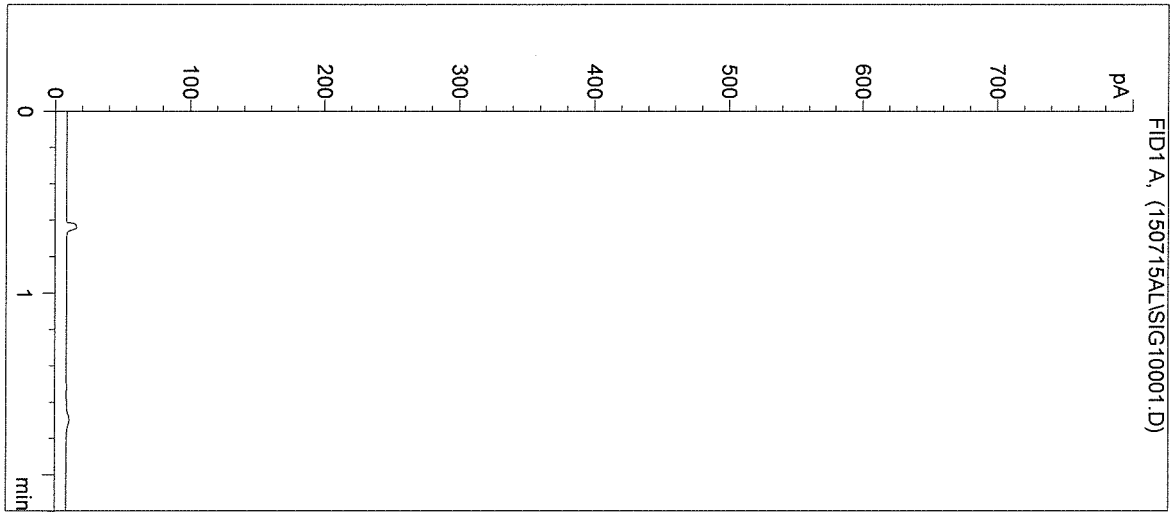
Jn 8/3/15
~~15031~~

15032
Jn 8/3/15

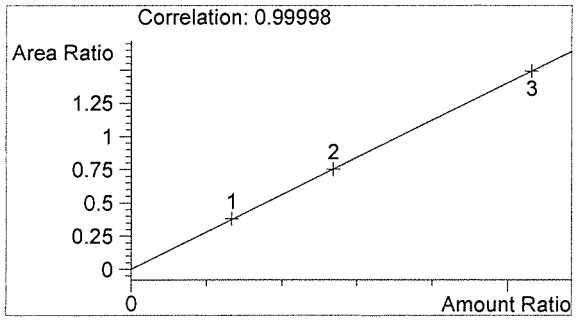
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 7:42:07 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15032

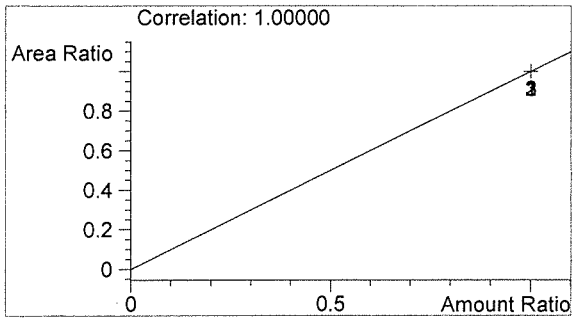
Sample Name: blank
Operator: asa louis
Location: Vial 1



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



Ethanol 0.000 g/100mL

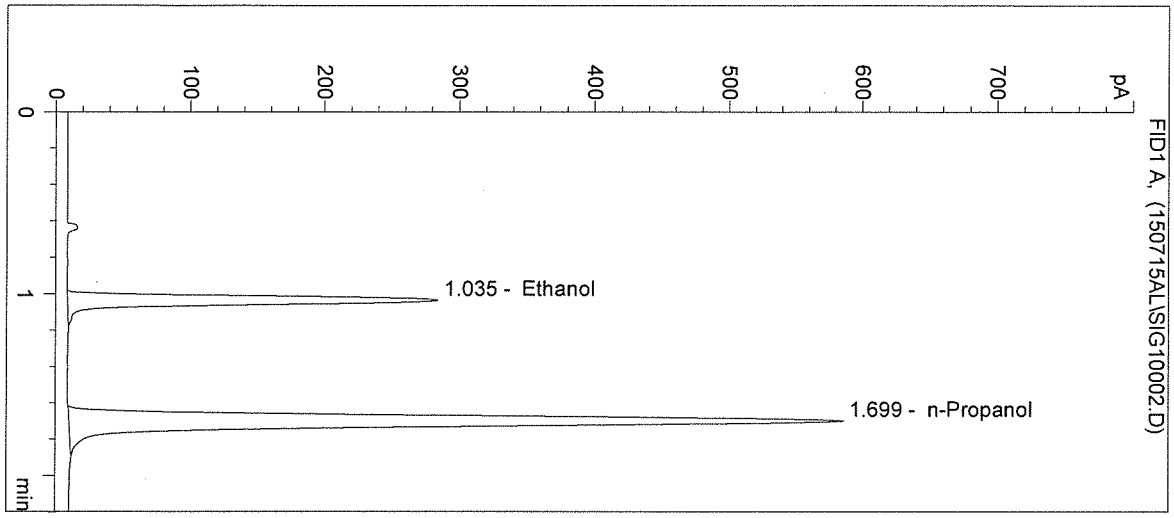


n-Propanol 0.000 g/100mL

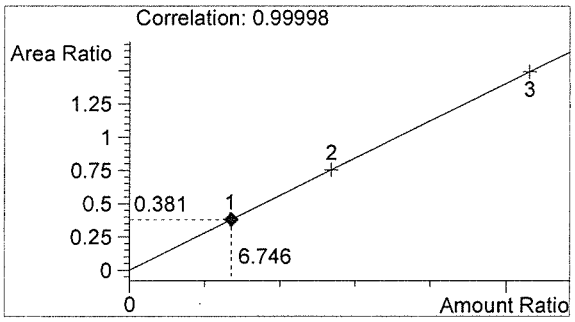
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 7:45:24 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15032

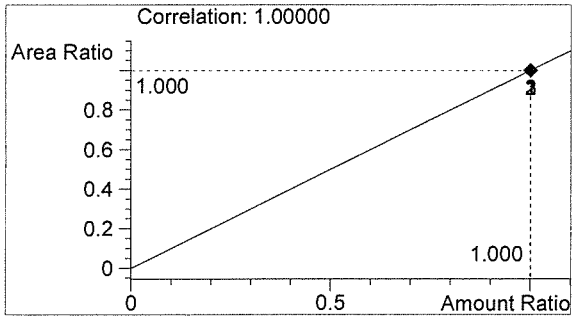
Sample Name: 0.079 cal 1
Operator: asa louis
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	866	1.035
2	n-Propanol	2274	1.699



Ethanol 0.081 g/100mL

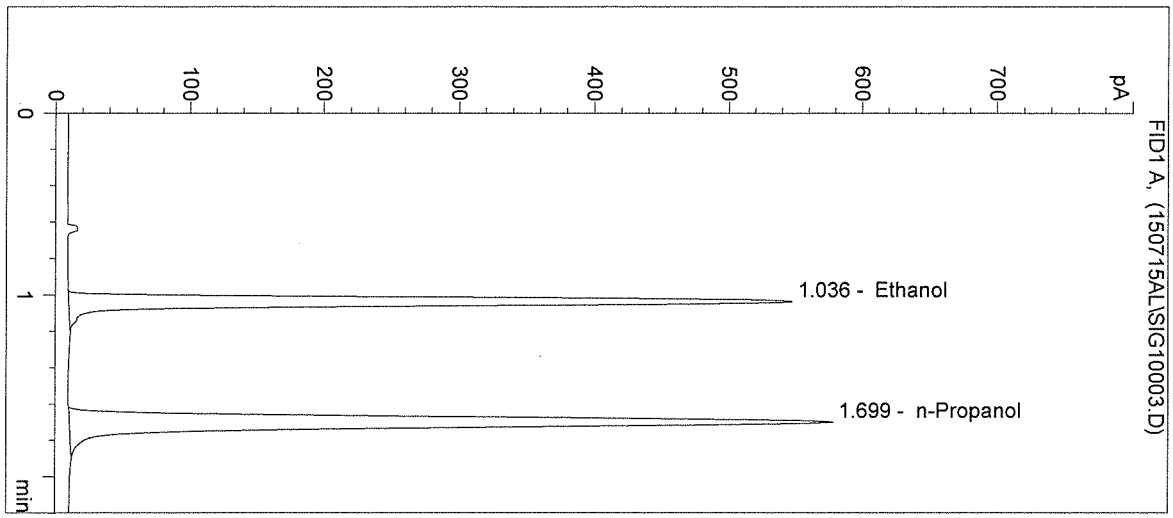


n-Propanol 0.012 g/100mL

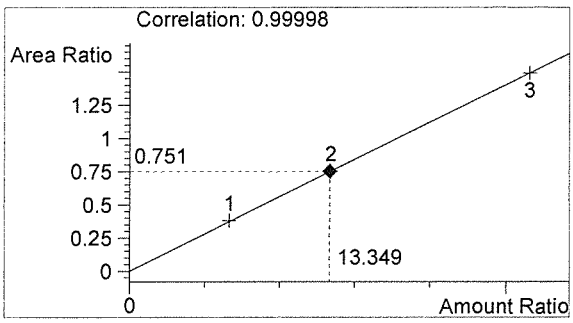
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 7:48:42 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15032

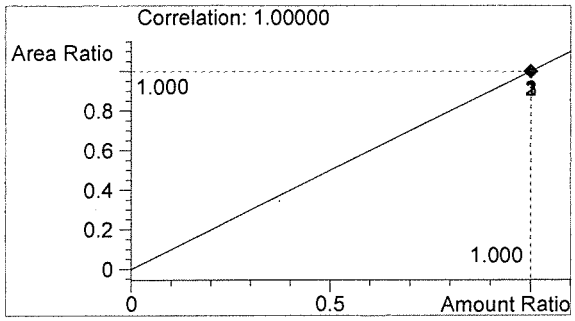
Sample Name: 0.158 cal 2
Operator: asa louis
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1688	1.036
2	n-Propanol	2246	1.699



Ethanol 0.160 g/100mL

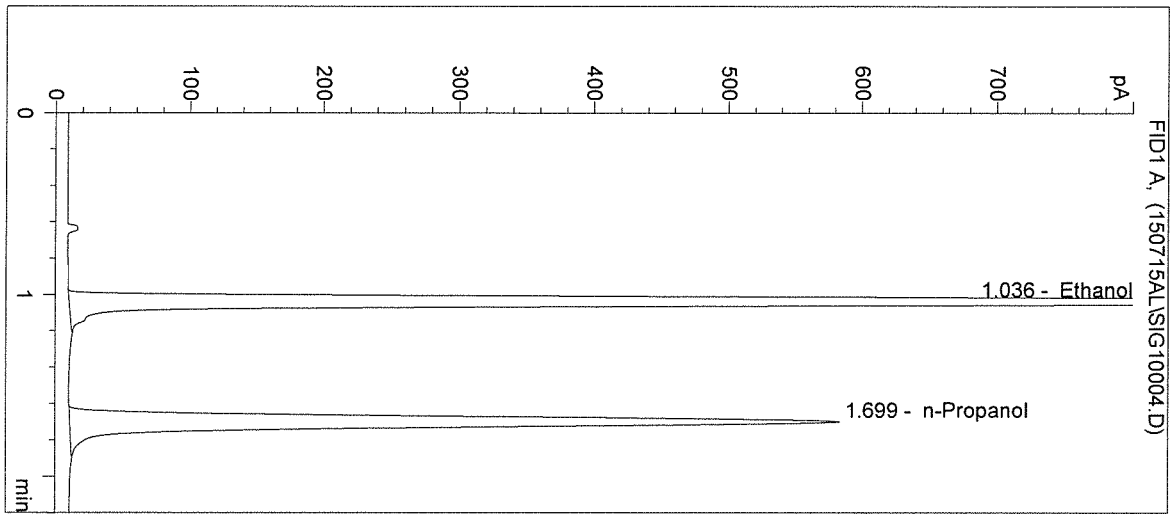


n-Propanol 0.012 g/100mL

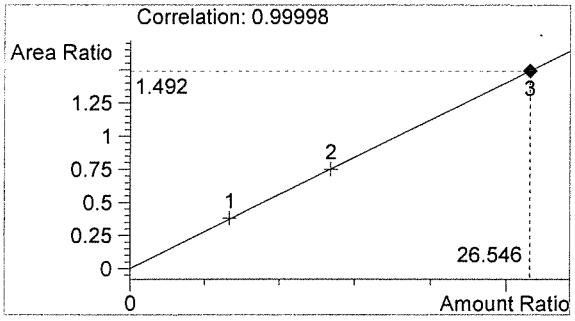
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 7:51:59 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15032

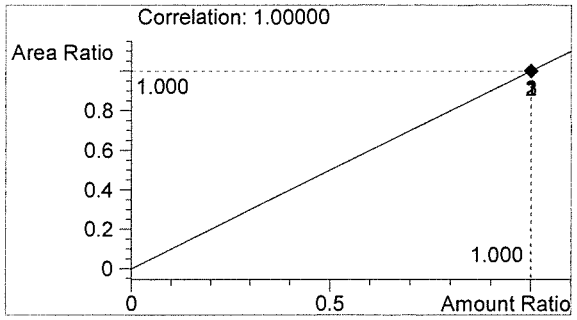
Sample Name: 0.316 cal 3
Operator: asa louis
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3378	1.036
2	n-Propanol	2264	1.699



Ethanol 0.319 g/100mL

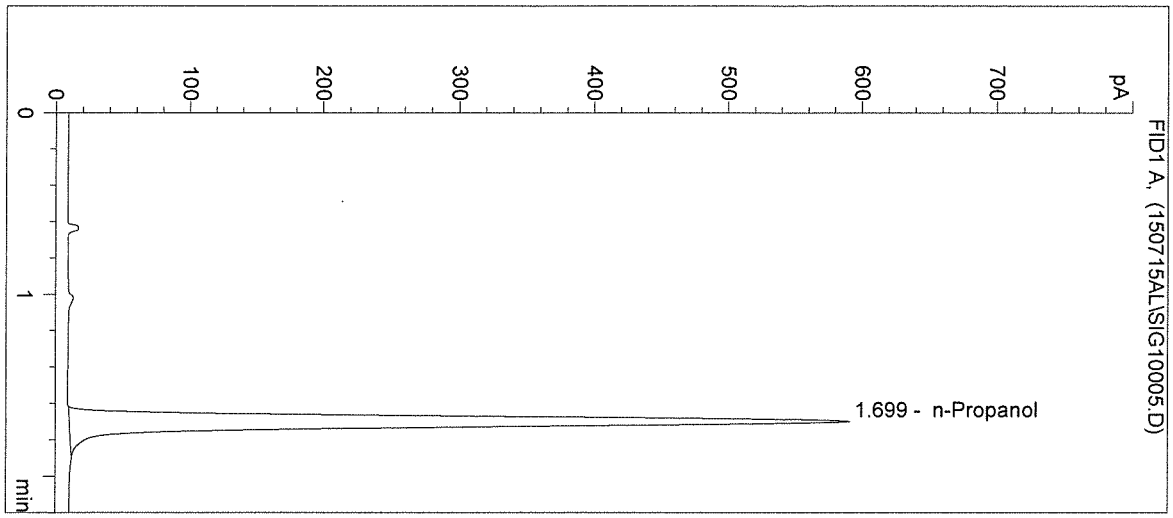


n-Propanol 0.012 g/100mL

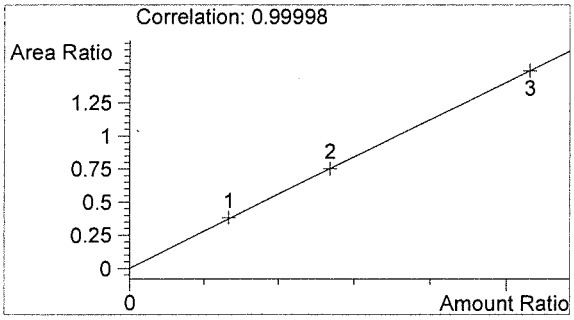
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 7:55:12 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15032

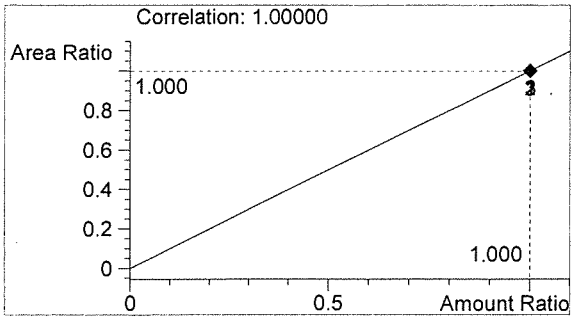
Sample Name: neg control - al
Operator: asa louis
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2296	1.699



Ethanol 0.000 g/100mL

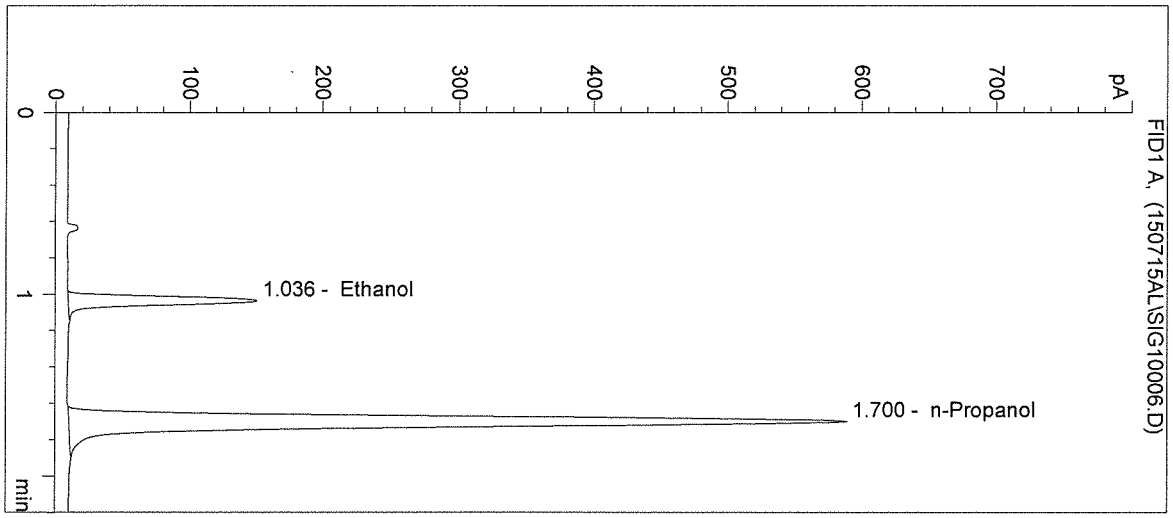


n-Propanol 0.012 g/100mL

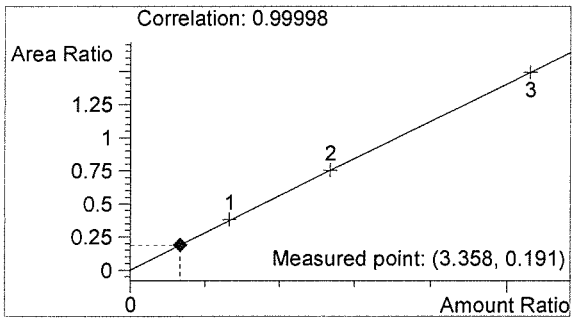
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 7:58:25 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15032

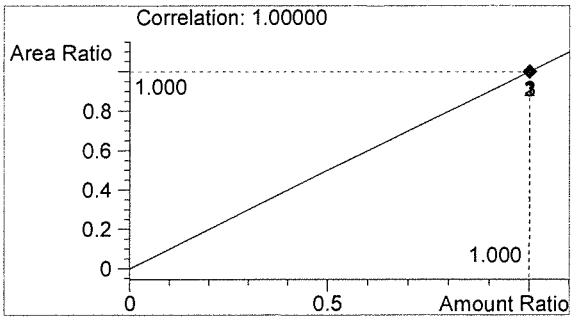
Sample Name: 0.04 ctrl al
Operator: asa louis
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	435	1.036
2	n-Propanol	2282	1.700



Ethanol 0.040 g/100mL

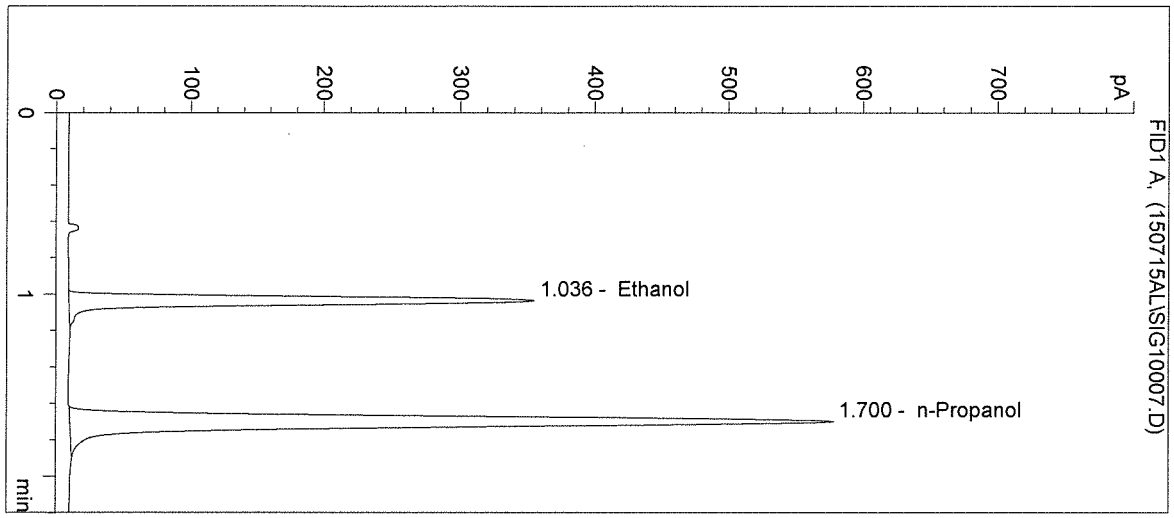


n-Propanol 0.012 g/100mL

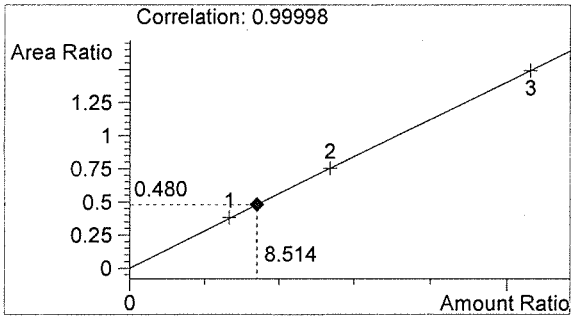
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 8:01:37 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15032

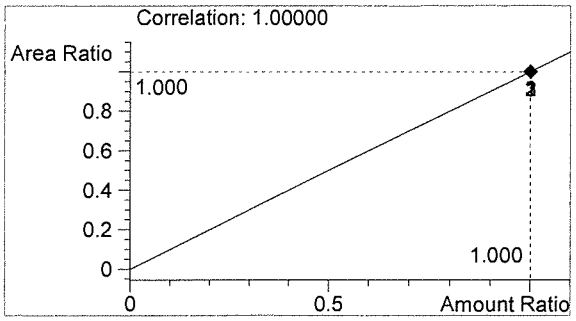
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1074	1.036
2	n-Propanol	2237	1.700



Ethanol 0.102 g/100mL

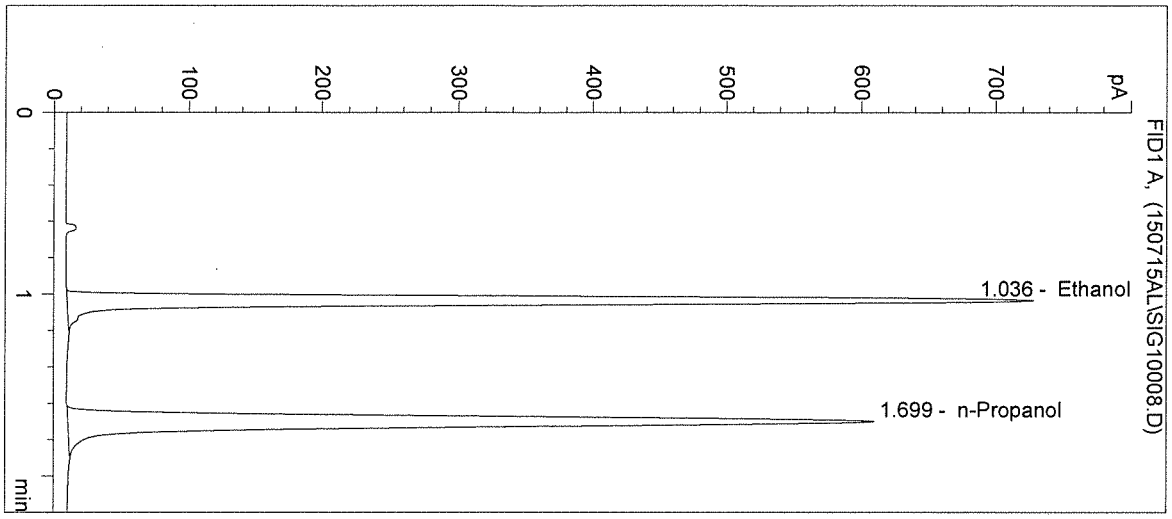


n-Propanol 0.012 g/100mL

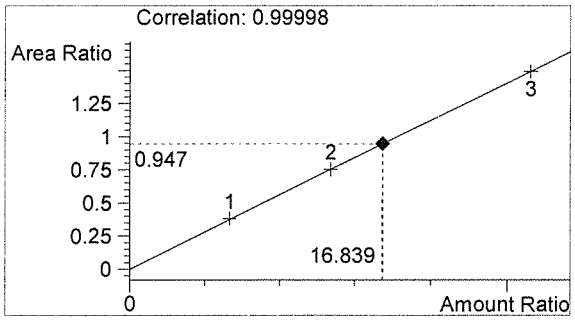
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 8:04:50 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15032

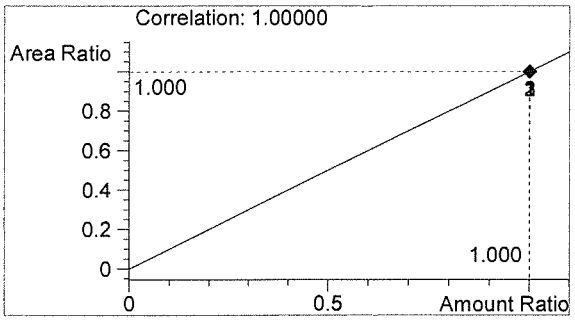
Sample Name: 0.20 ctrl al
Operator: asa louis
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2238	1.036
2	n-Propanol	2362	1.699



Ethanol 0.202 g/100mL

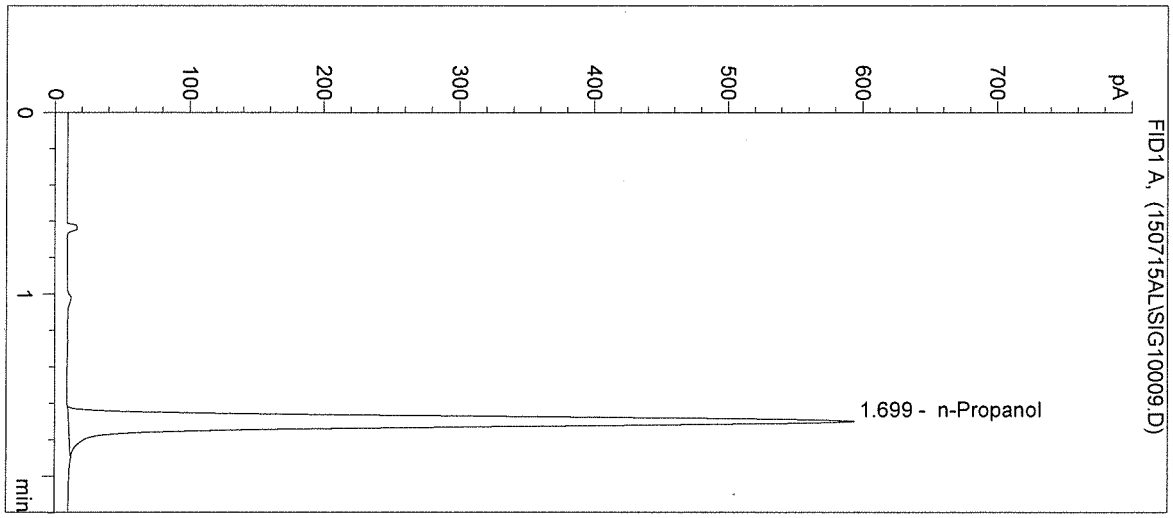


n-Propanol 0.012 g/100mL

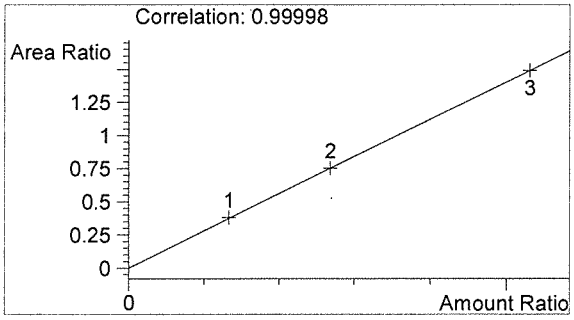
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 8:08:03 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15032

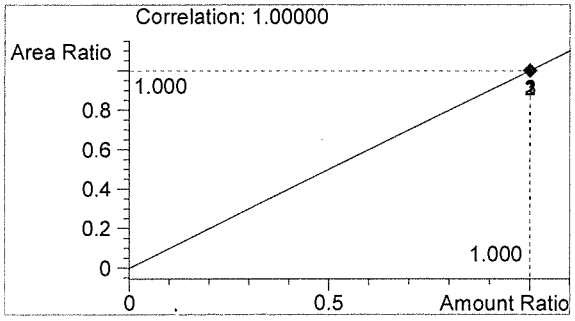
Sample Name: neg control - al
Operator: asa louis
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2303	1.699



Ethanol 0.000 g/100mL

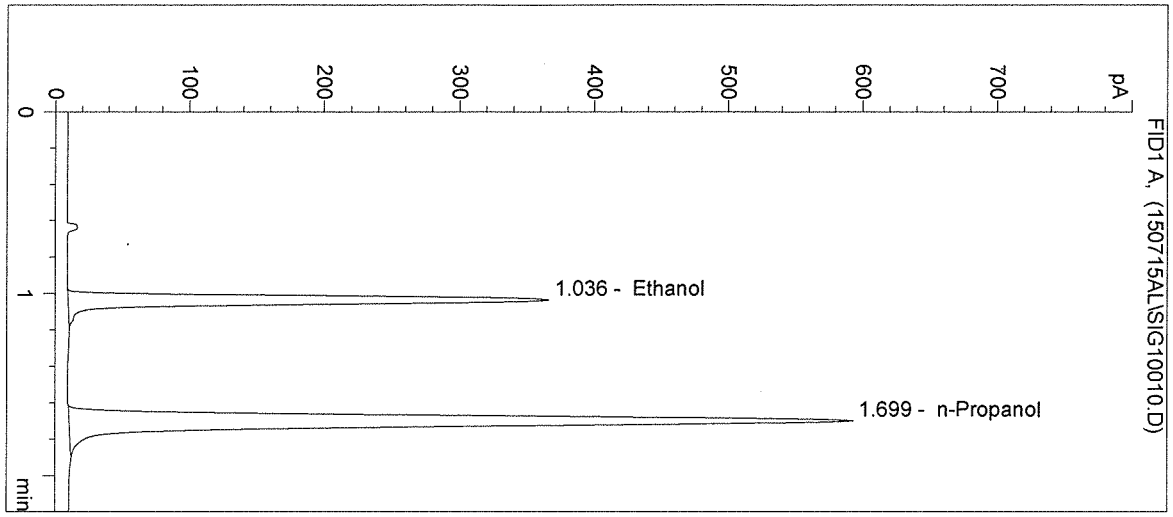


n-Propanol 0.012 g/100mL

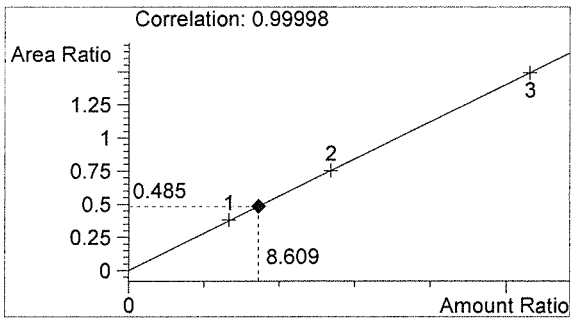
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 8:11:17 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

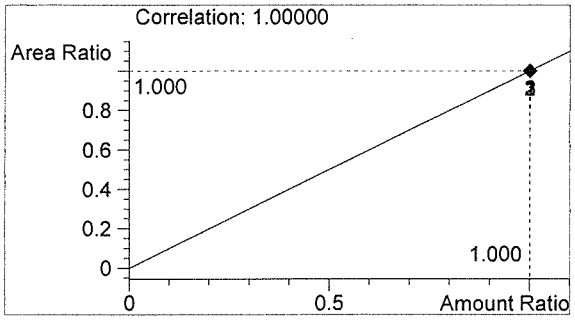
Sample Name: 15032 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.036
2	n-Propanol	2298	1.699



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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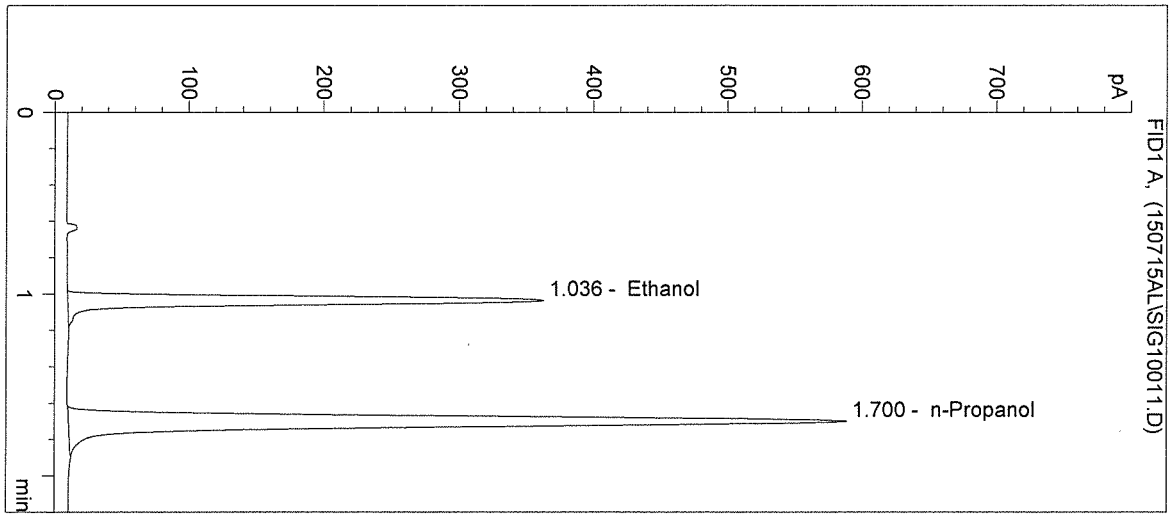
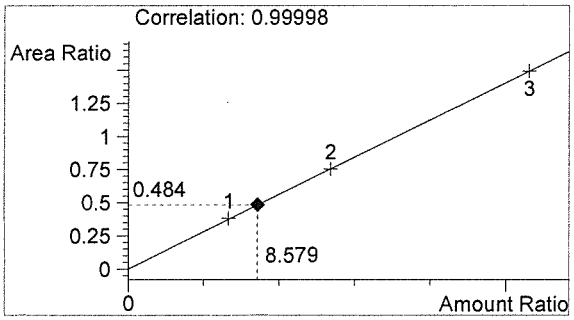
Inj. Date: 7/15/2015 8:14:30 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

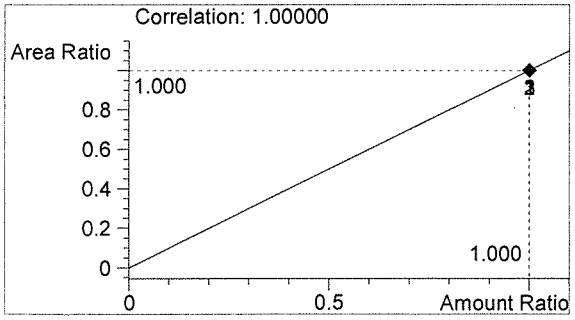
Sample Name: 15032 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1105	1.036
2	n-Propanol	2284	1.700



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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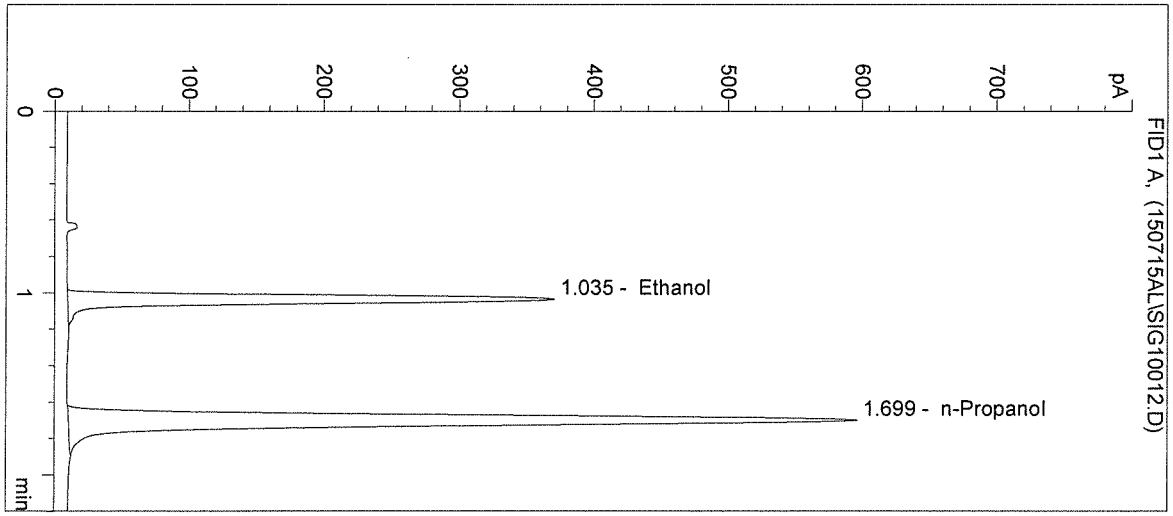
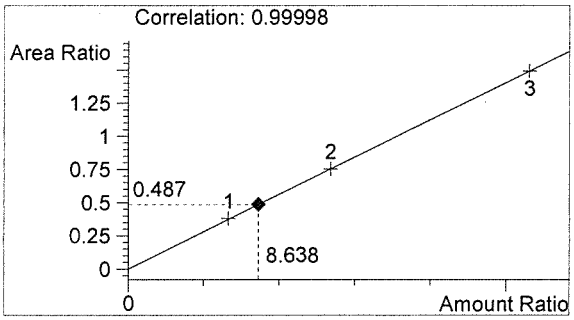
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 8:17:43 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

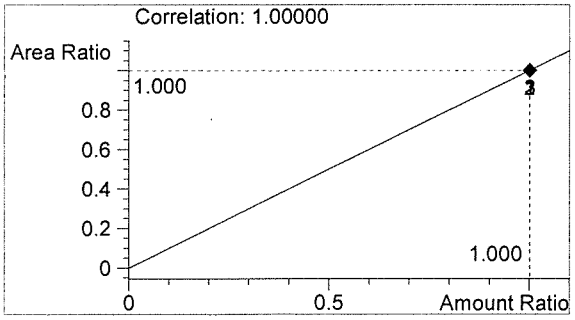
Sample Name: 15032 #3
Operator: asa louis
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1125	1.035
2	n-Propanol	2309	1.699



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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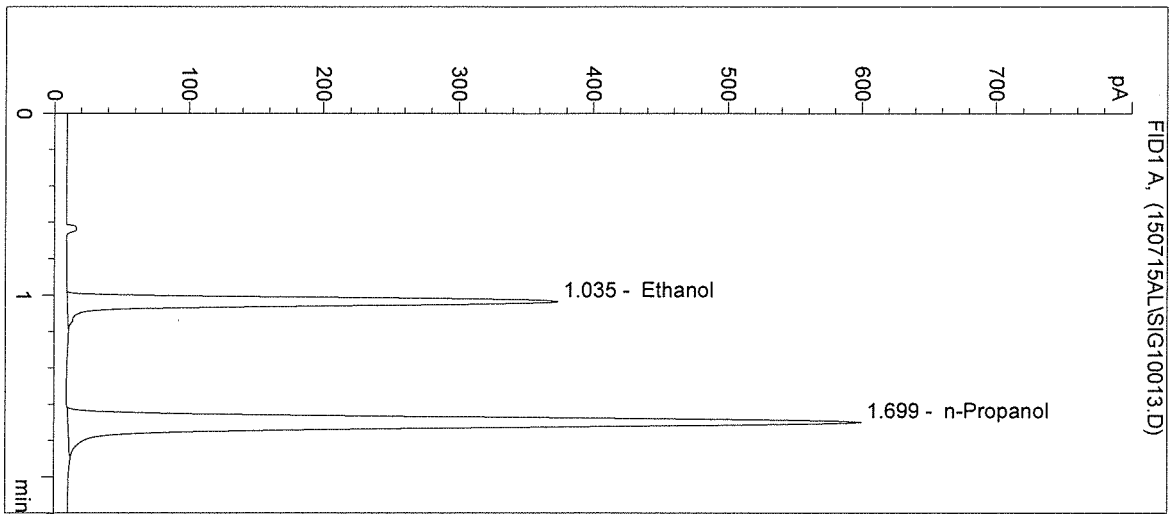
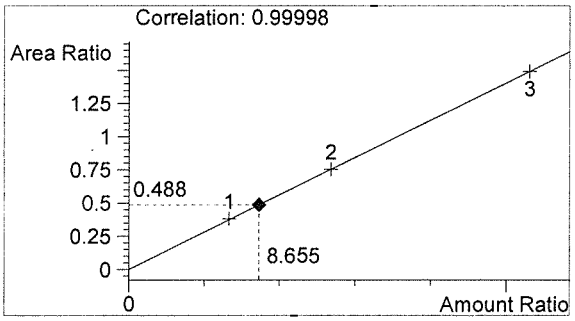
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 8:20:57 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

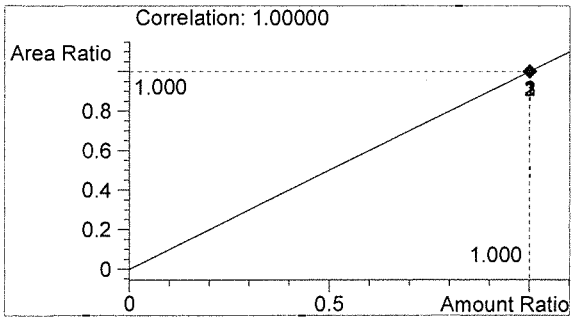
Sample Name: 15032 #4
Operator: asa louis
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1132	1.035
2	n-Propanol	2320	1.699



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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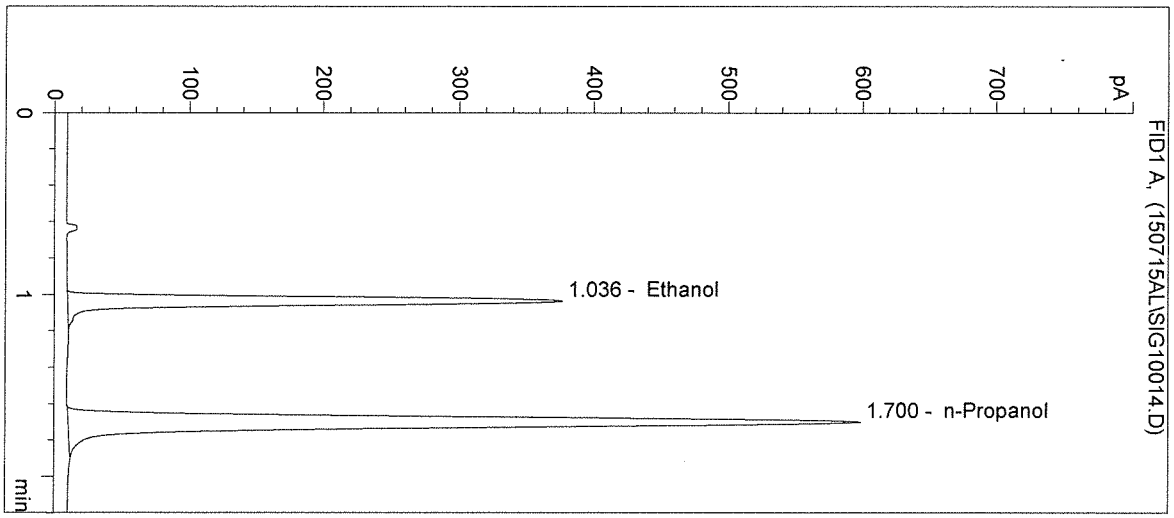
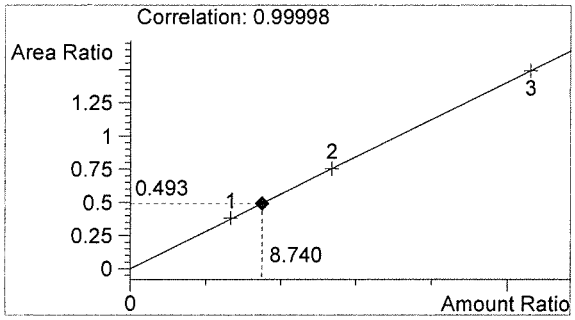
Inj. Date: 7/15/2015 8:24:10 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

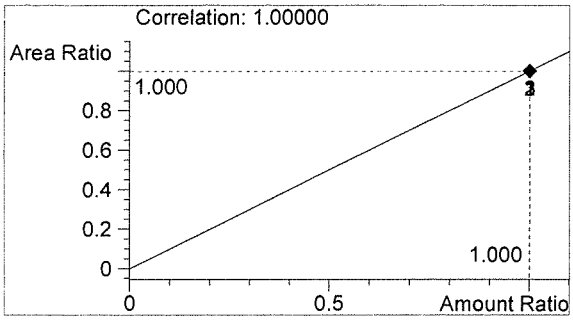
Sample Name: 15032 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1143	1.036
2	n-Propanol	2321	1.700



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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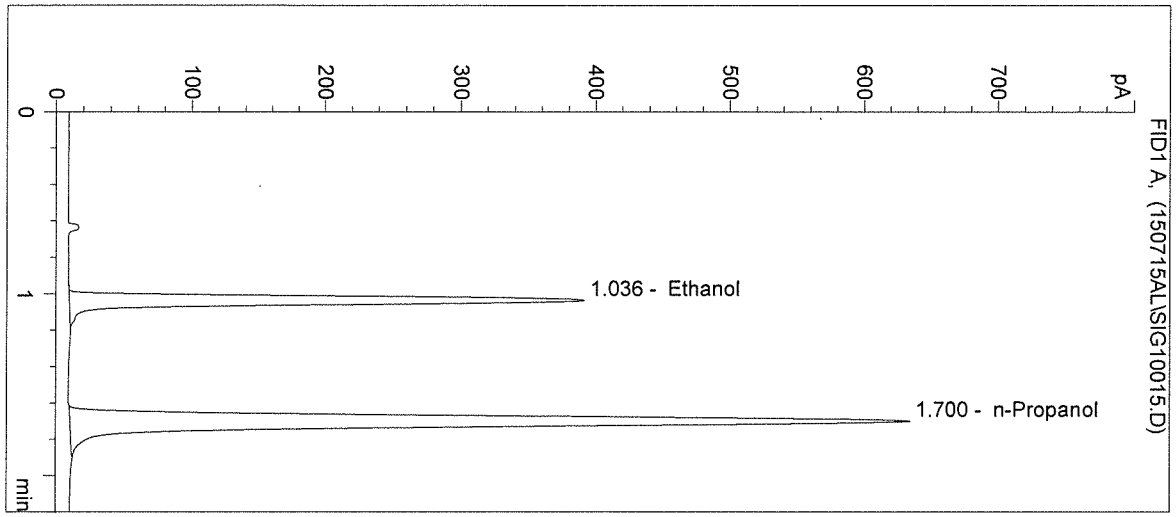
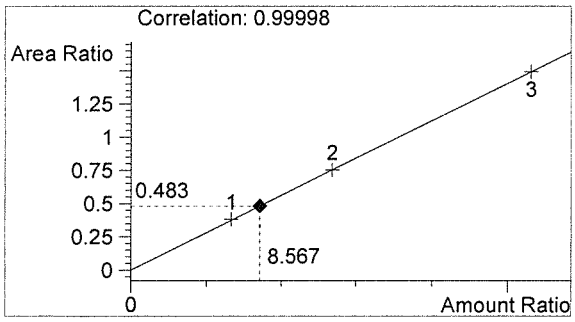
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 8:27:23 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15032

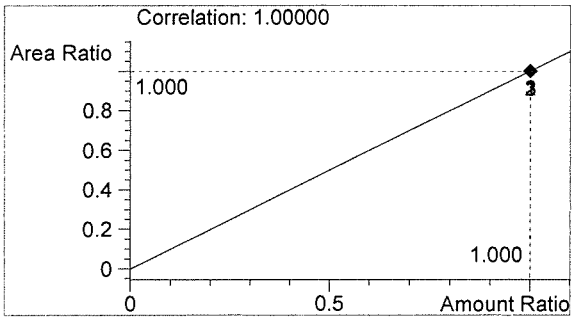
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1185	1.036
2	n-Propanol	2454	1.700



Ethanol 0.103 g/100mL

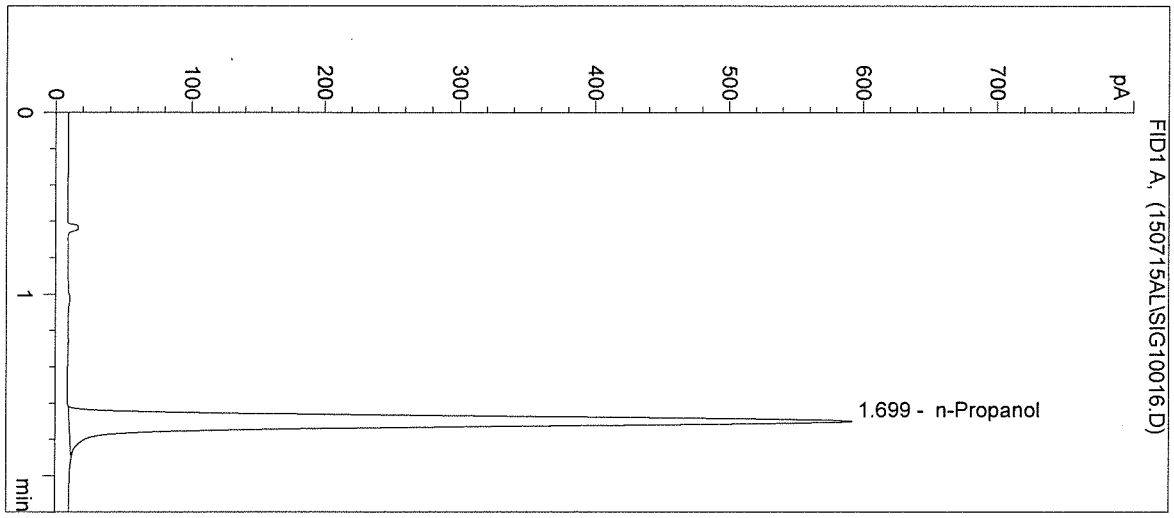


n-Propanol 0.012 g/100mL

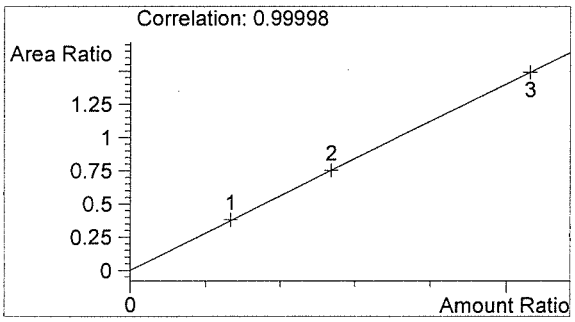
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 8:30:36 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15032

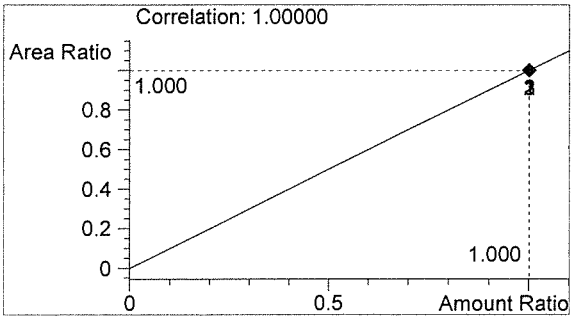
Sample Name: neg control - al
Operator: asa louis
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2301	1.699



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Sequence: C:\HPCHEM\1\SEQUENCE\JKESS1.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\1\DATA\
Data Subdirectory:	150715JU
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0615-01 - Exp. 12/02/2015
Ethanol Calibrator 2, E0615-02 - Exp. 12/02/2015
Ethanol Calibrator 3, E0615-03 - Exp. 12/02/2015
CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019
Internal Standard Lot#P0615 - Exp. 09/04/2015

Calibration vials 1-9 filed with 15032.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	15032-1	SIMALC1	1	Sample		
11	Vial 11	15032-2	SIMALC1	1	Sample		
12	Vial 12	15032-3	SIMALC1	1	Sample		
13	Vial 13	15032-4	SIMALC1	1	Sample		
14	Vial 14	15032-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	15033-1	SIMALC1	1	Sample		
18	Vial 18	15033-2	SIMALC1	1	Sample		
19	Vial 19	15033-3	SIMALC1	1	Sample		
20	Vial 20	15033-4	SIMALC1	1	Sample		
21	Vial 21	15033-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		

15032

JK 8/3/15

JK

Calibration Part:

Sequence: C:\HPCHEM\1\SEQUENCE\JKESS1.S

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

Sequence Table (Back Injector):

No entries - empty table!

15032

Jn 8/3/15

JK

Calibration Table

Calib. Data Modified : Wednesday, July 15, 2015 10:59:53 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
1.037	1	1	7.97800e-2	873.15234	9.13701e-5	1		Ethanol
		2	1.60980e-1	1742.95044	9.23606e-5			
		3	3.18440e-1	3569.11133	8.92211e-5			
1.700	1	1	1.20000e-2	2285.41016	5.25070e-6	I1		n-Propanol
		2	1.20000e-2	2297.64063	5.22275e-6			
		3	1.20000e-2	2352.17578	5.10166e-6			

15032
fw 8/3/15

Peak Sum Table

No Entries in table

JK

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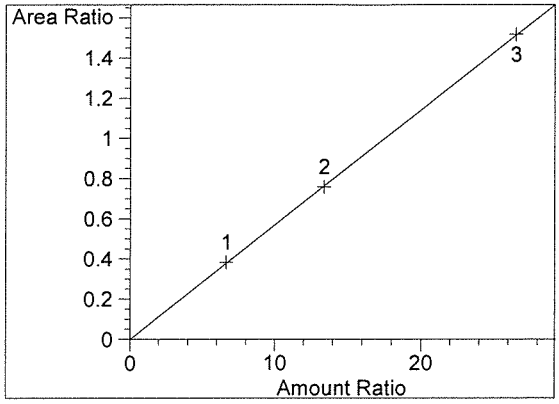
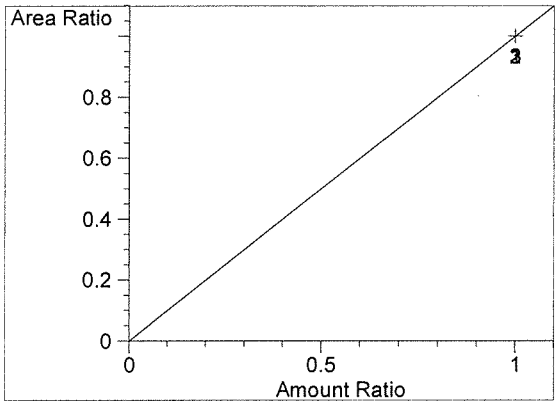
Calibration Curves

==========



Ethanol at exp. RT: 1.037
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00562
Formula: y = mx + b
m: 5.71164e-2
b: -9.05349e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.700
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

==========

15032

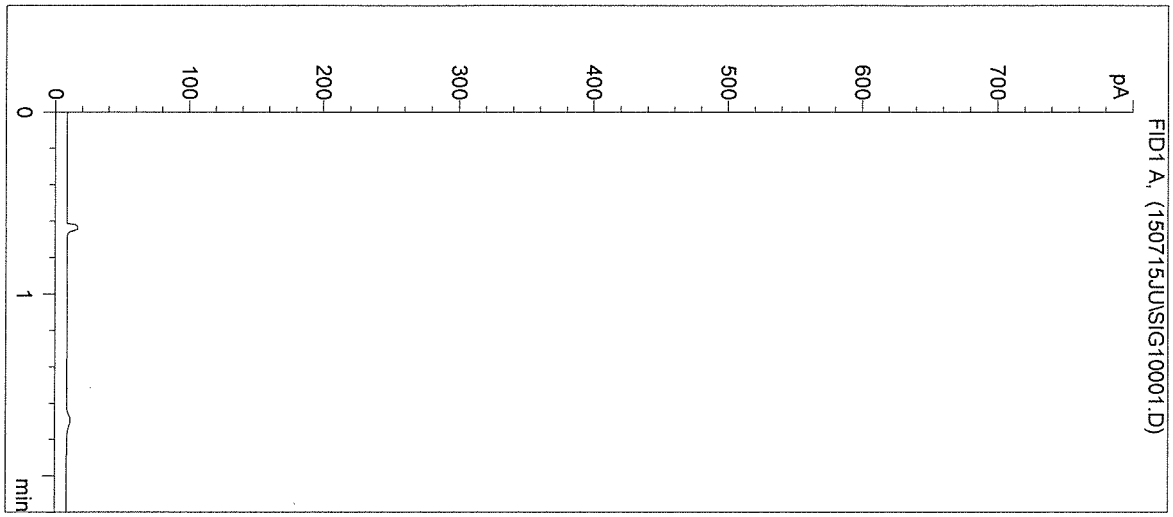
JR 8/13/15

JR

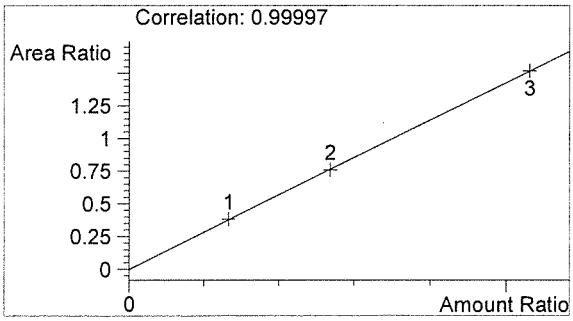
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 10:47:47 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

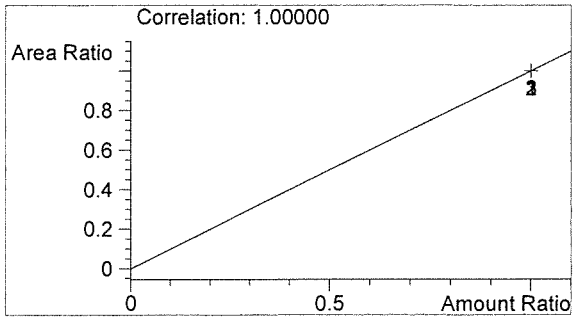
Sample Name: BLANK
Operator: Justin Knoy
Location: Vial 1



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



Ethanol 0.000 g/100mL



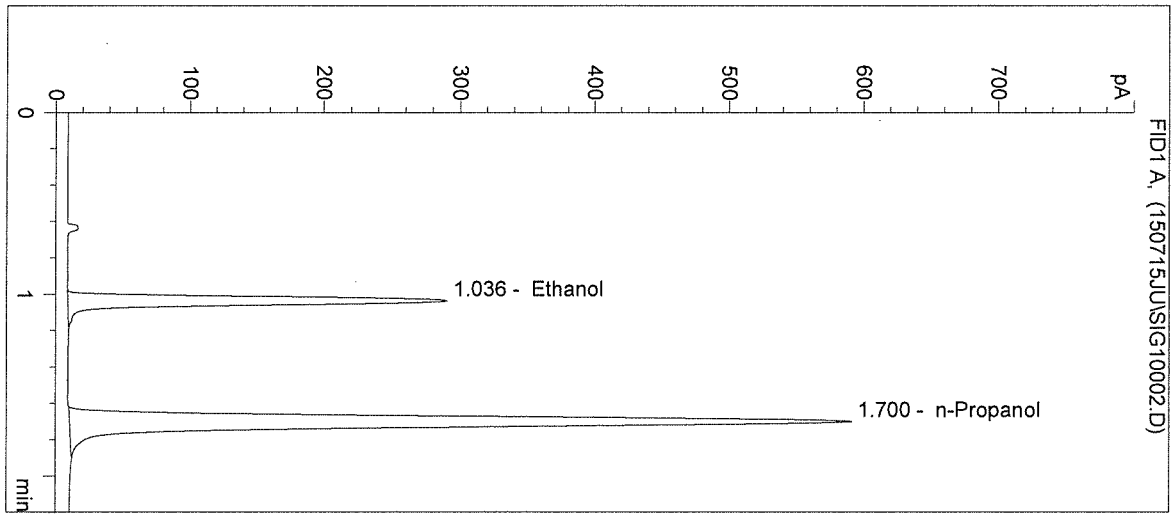
n-Propanol 0.000 g/100mL

JTC

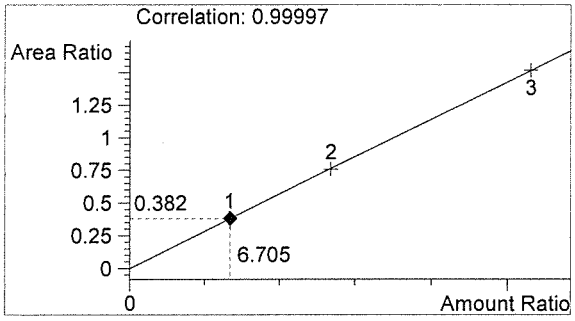
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 10:51:06 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

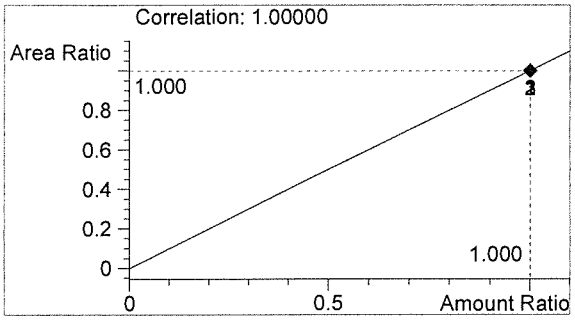
Sample Name: 0.079 CAL 1
Operator: Justin Knoy
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	873	1.036
2	n-Propanol	2285	1.700



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

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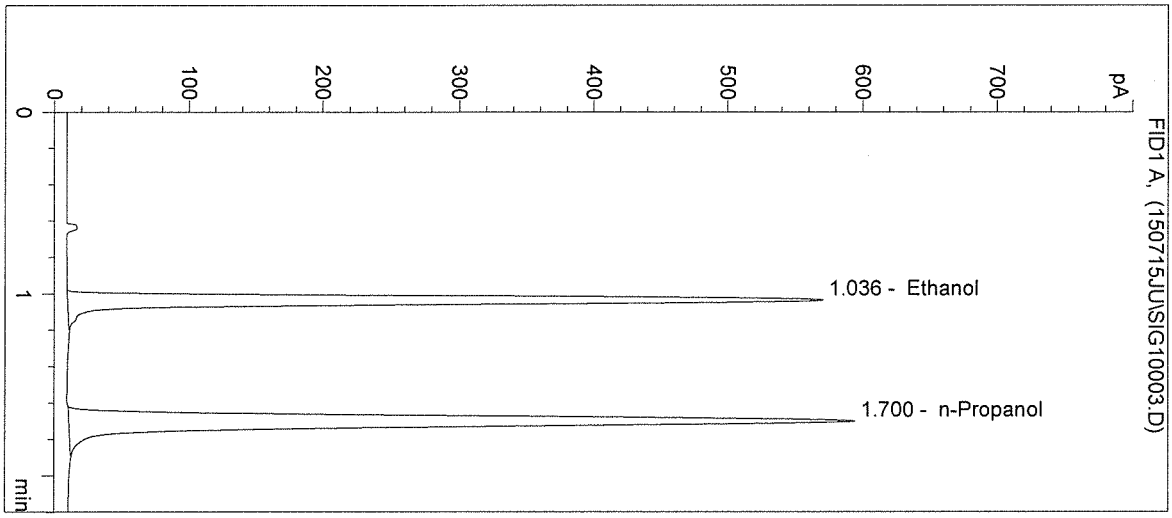
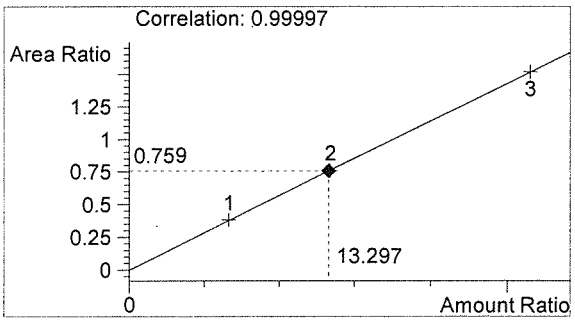
Inj. Date: 7/15/2015 10:54:23 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

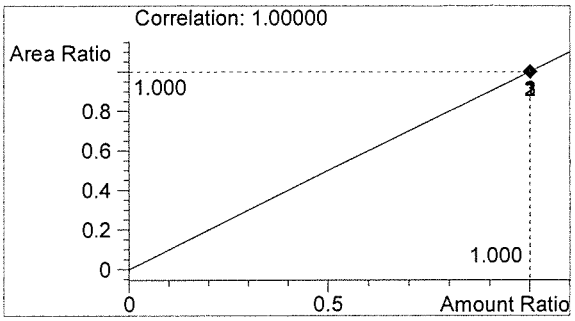
Sample Name: 0.158 CAL 2
Operator: Justin Knoy
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1743	1.036
2	n-Propanol	2298	1.700



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

JK

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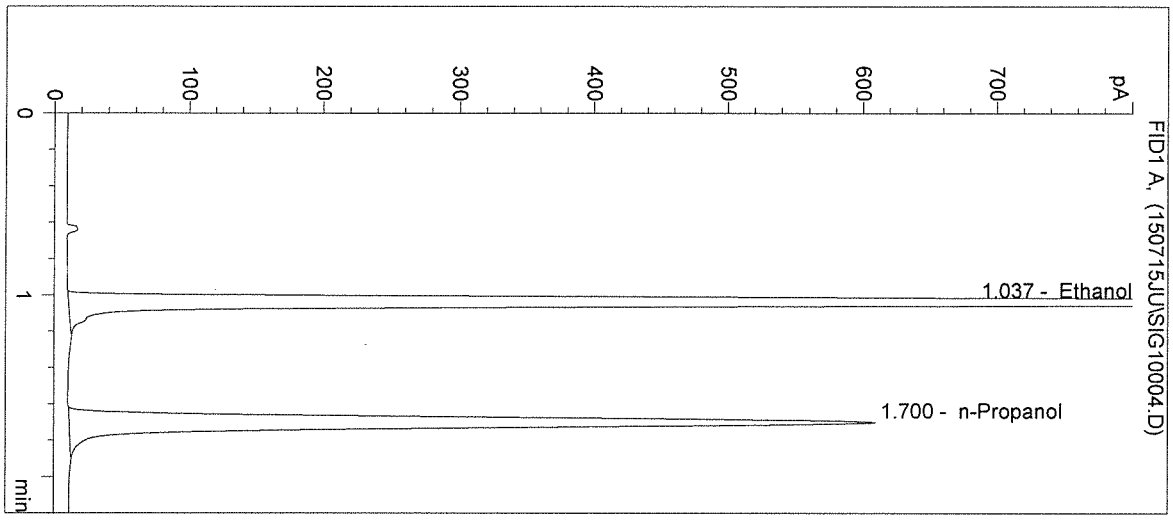
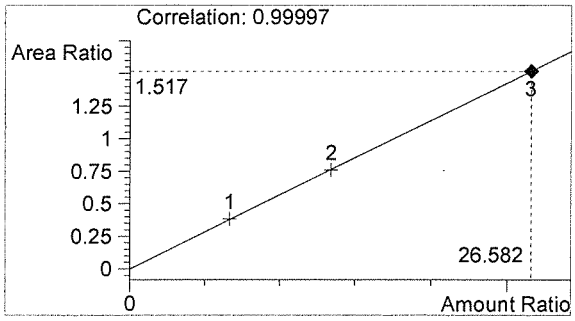
Inj. Date: 7/15/2015 10:57:40 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

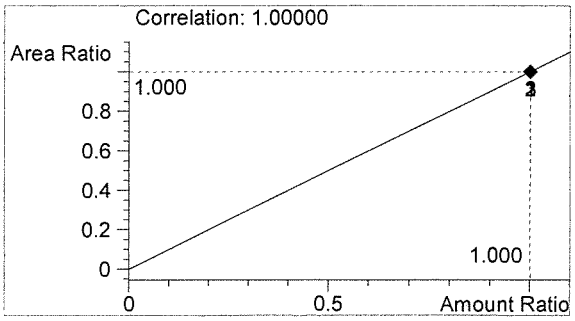
Sample Name: 0.316 CAL 3
Operator: Justin Knoy
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3569	1.037
2	n-Propanol	2352	1.700



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

JR

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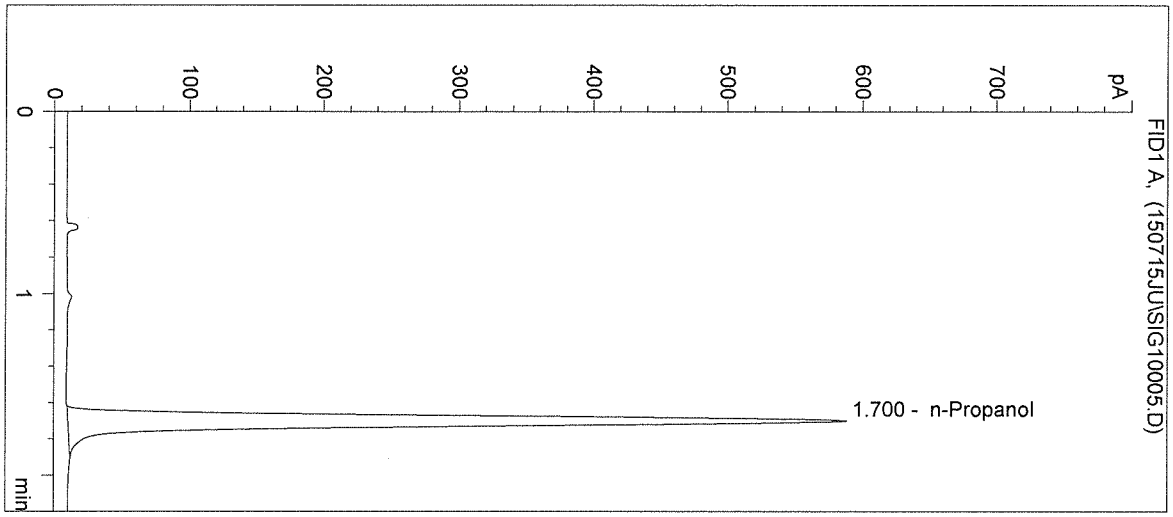
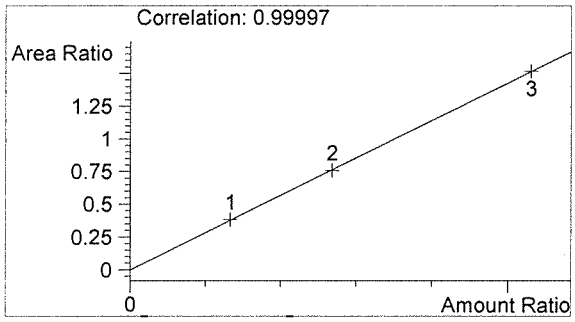
Inj. Date: 7/15/2015 11:00:53 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

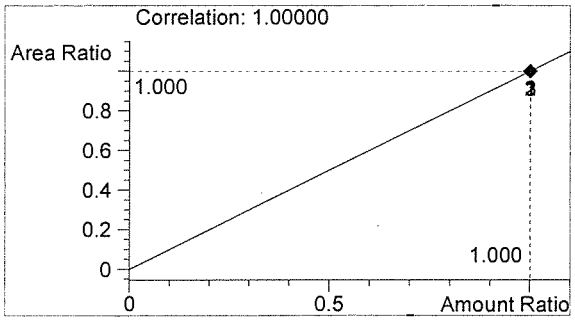
Sample Name: NEG CTRL
Operator: Justin Knoy
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2277	1.700



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

JK

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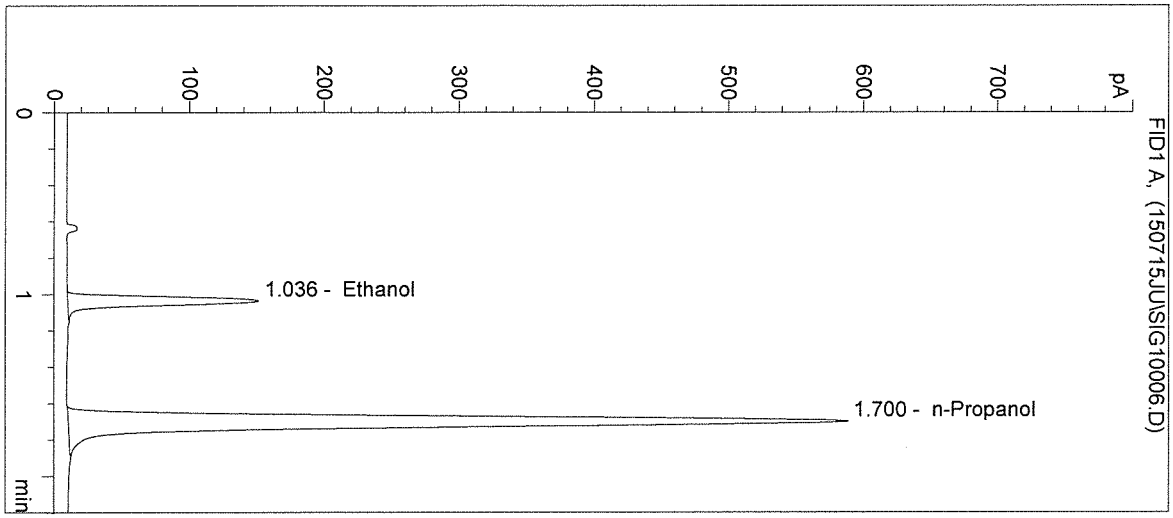
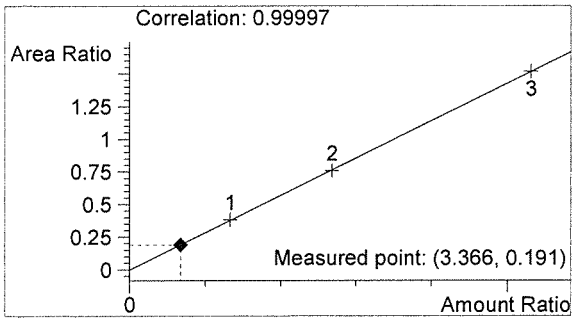
Inj. Date: 7/15/2015 11:04:06 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

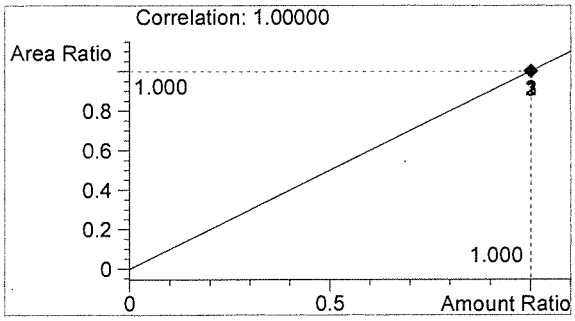
Sample Name: 0.04 CTRL
Operator: Justin Knoy
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	436	1.036
2	n-Propanol	2280	1.700



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

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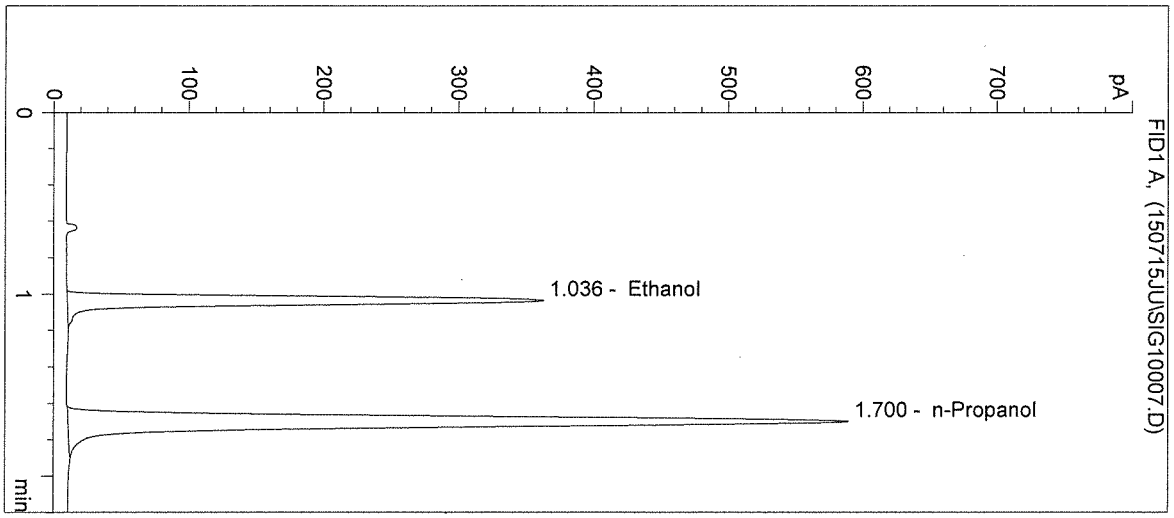
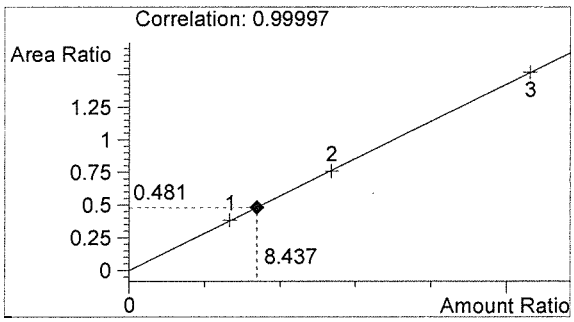
Inj. Date: 7/15/2015 11:07:20 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

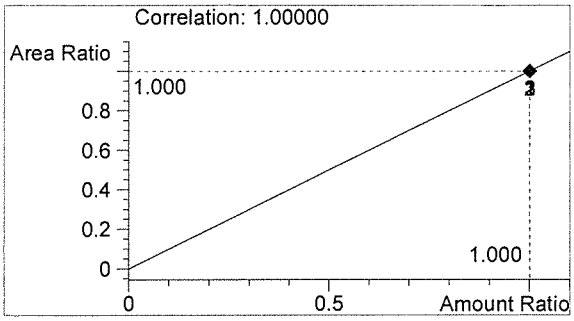
Sample Name: 0.10 CTRL
Operator: Justin Knoy
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1100	1.036
2	n-Propanol	2286	1.700



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\150715JU\SIG10007.D

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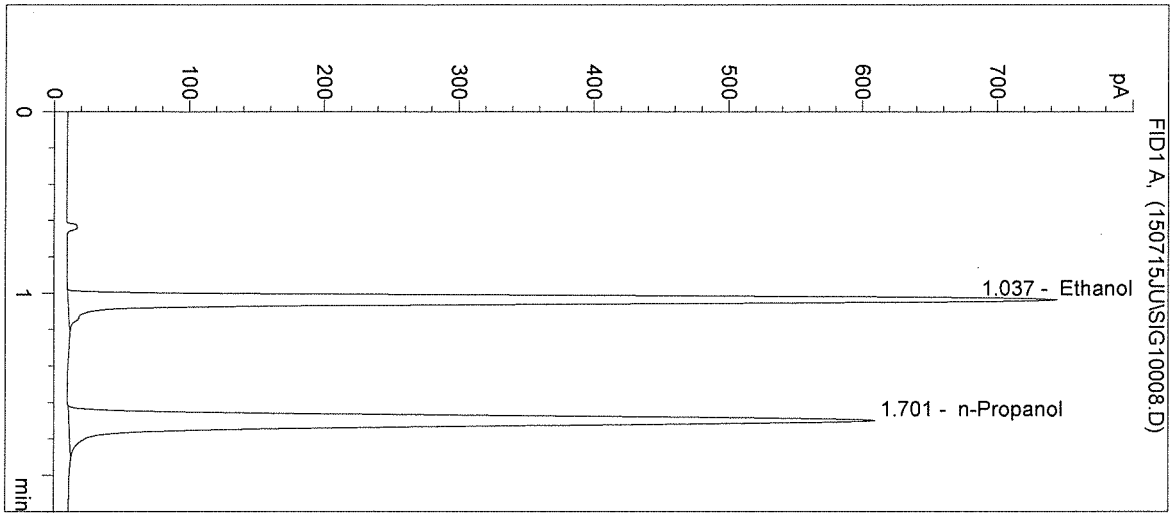
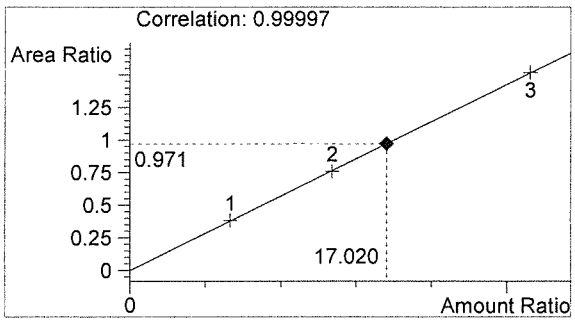
Inj. Date: 7/15/2015 11:10:32 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

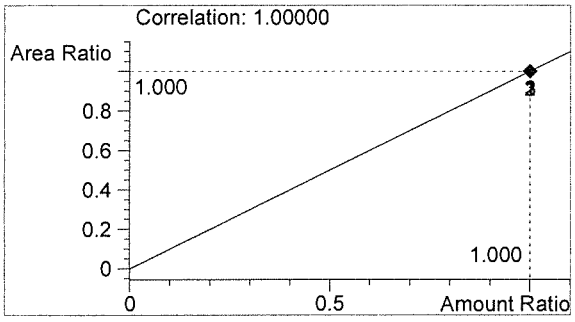
Sample Name: 0.20 CTRL
Operator: Justin Knoy
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2288	1.037
2	n-Propanol	2356	1.701



Ethanol 0.204 g/100mL



n-Propanol 0.012 g/100mL

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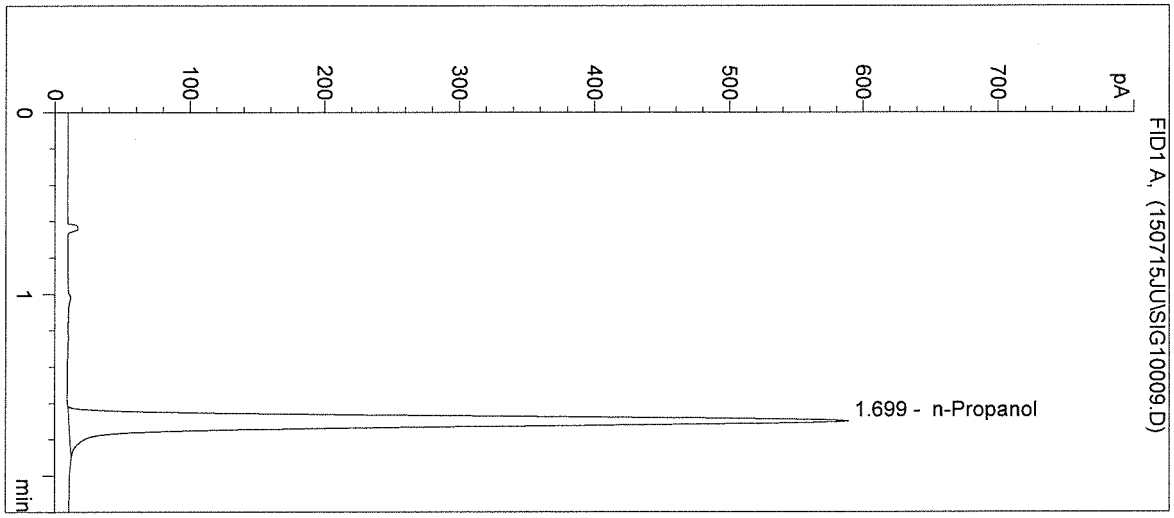
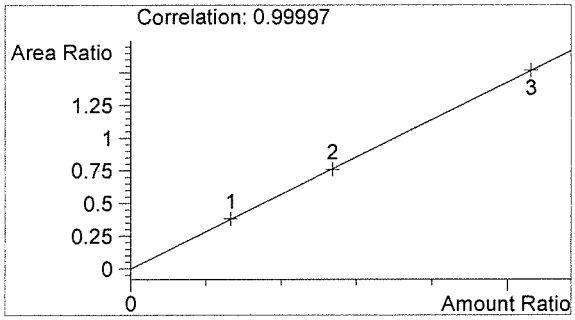
Inj. Date: 7/15/2015 11:13:47 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

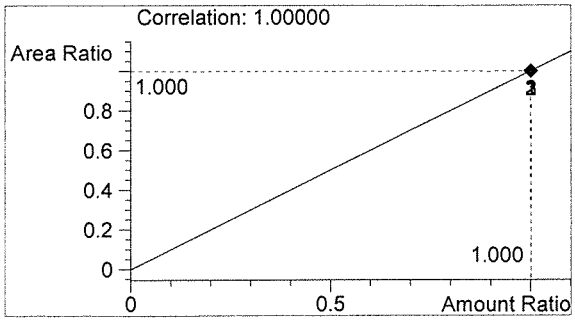
Sample Name: NEG CTRL
Operator: Justin Knoy
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2276	1.699



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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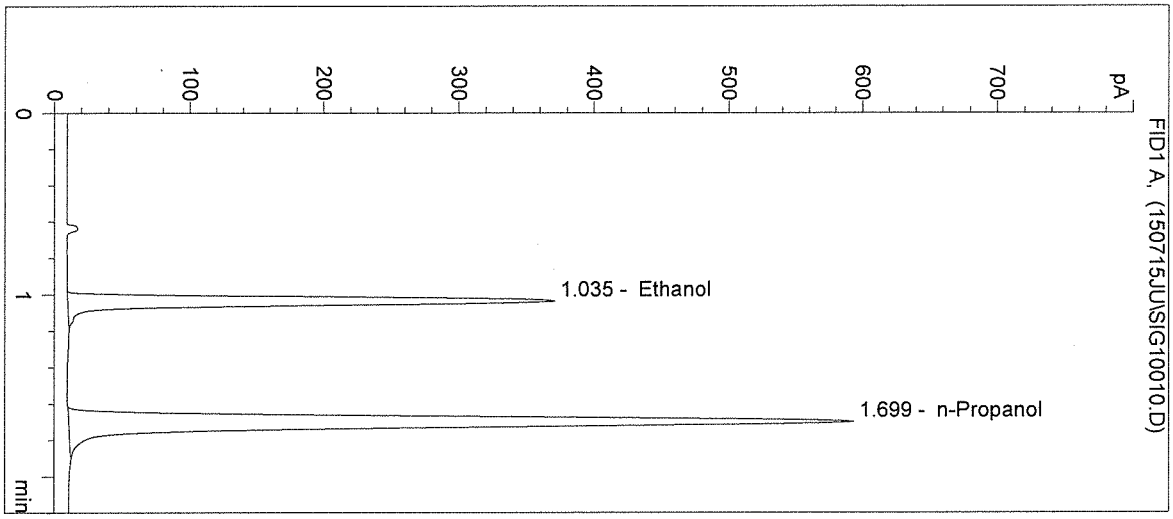
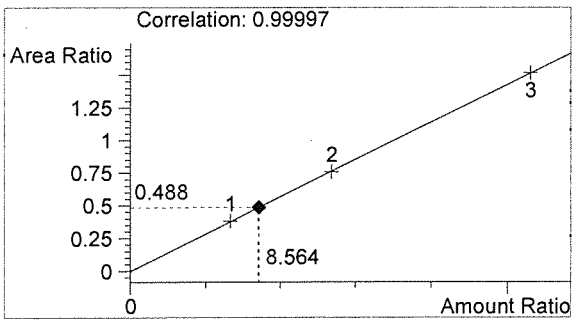
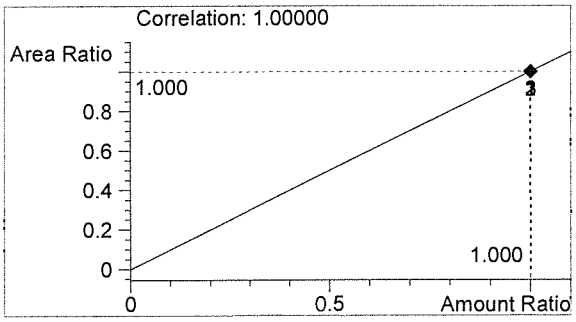
Inj. Date: 7/15/2015 11:17:00 AM
Sample Name: 15032-1
Instrument: HSGC#1
Operator: Justin Knoy
Column: DB-ALC1
Location: Vial 10
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1121	1.035
2	n-Propanol	2297	1.699



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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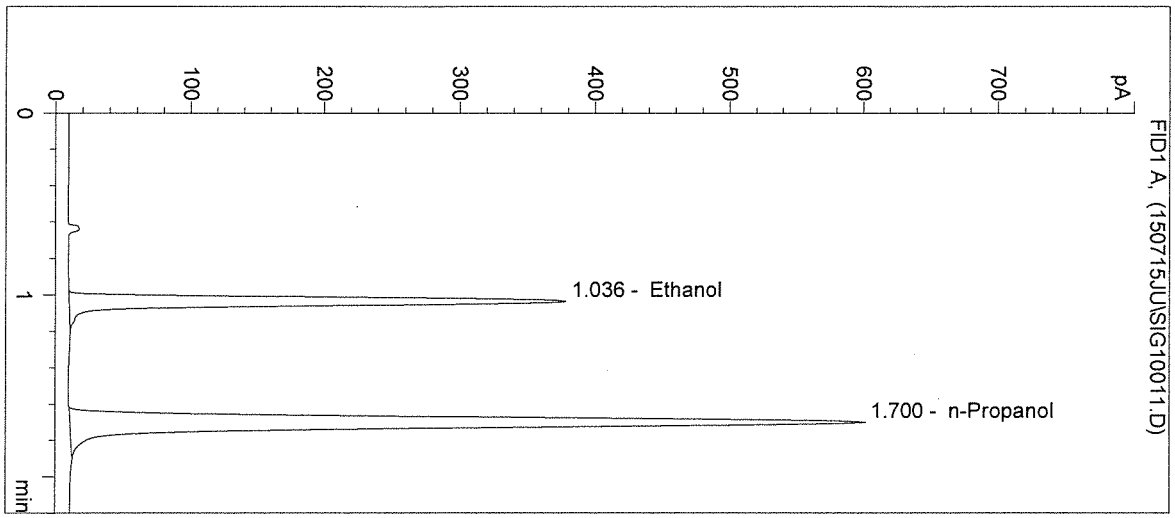
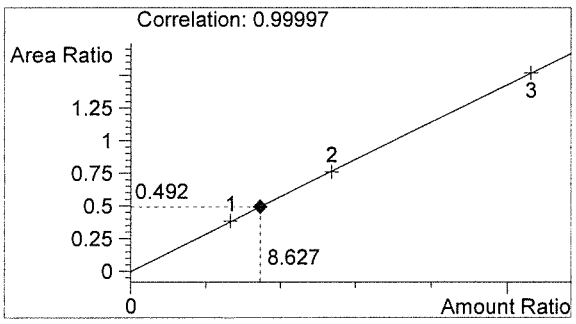
Inj. Date: 7/15/2015 11:20:12 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

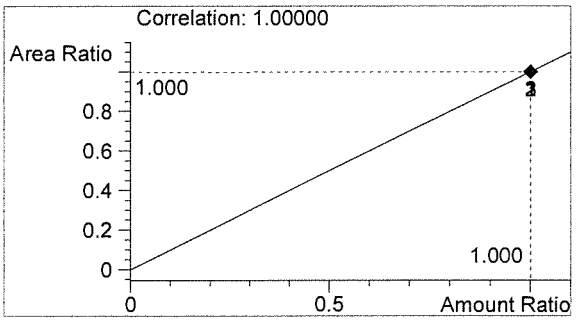
Sample Name: 15032-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1144	1.036
2	n-Propanol	2326	1.700



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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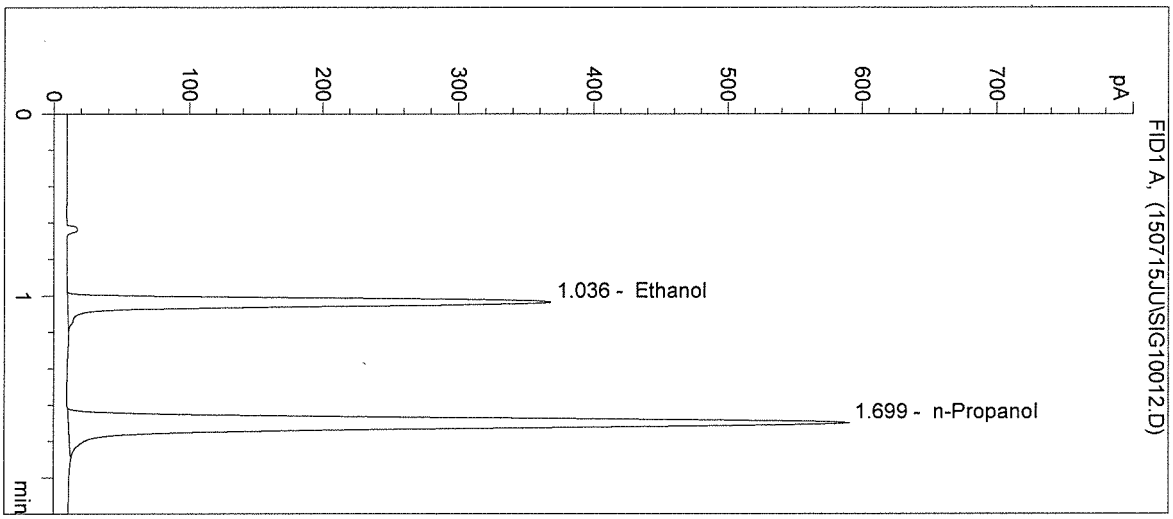
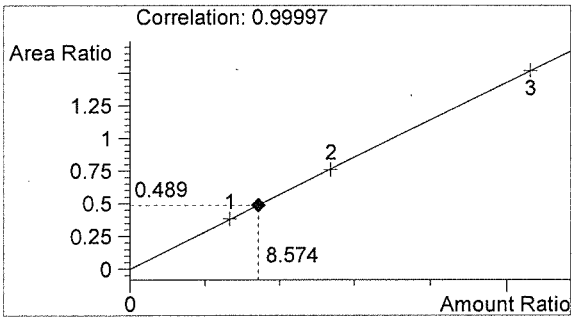
Inj. Date: 7/15/2015 11:23:25 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

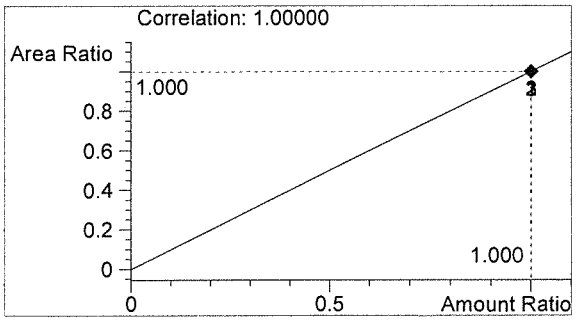
Sample Name: 15032-3
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1116	1.036
2	n-Propanol	2283	1.699



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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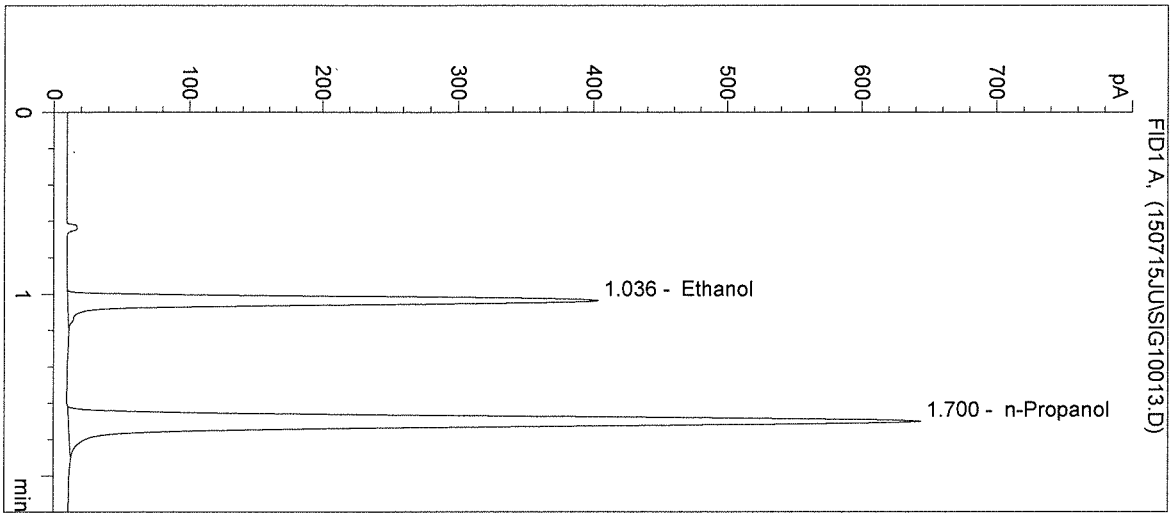
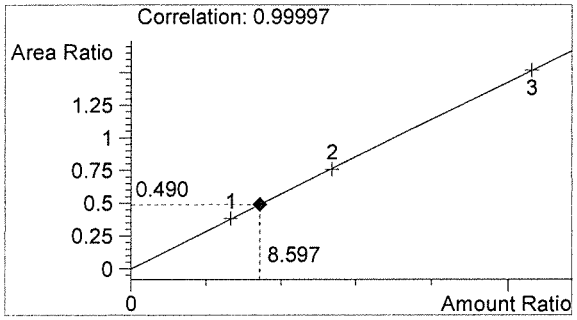
Inj. Date: 7/15/2015 11:26:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

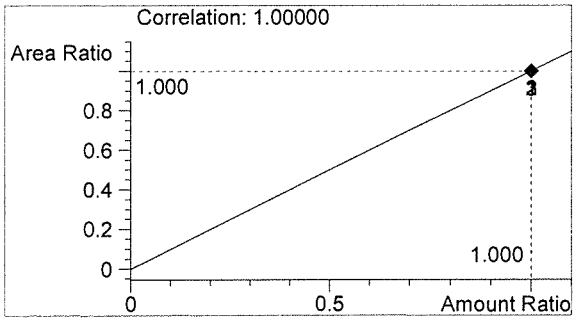
Sample Name: 15032-4
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1221	1.036
2	n-Propanol	2491	1.700



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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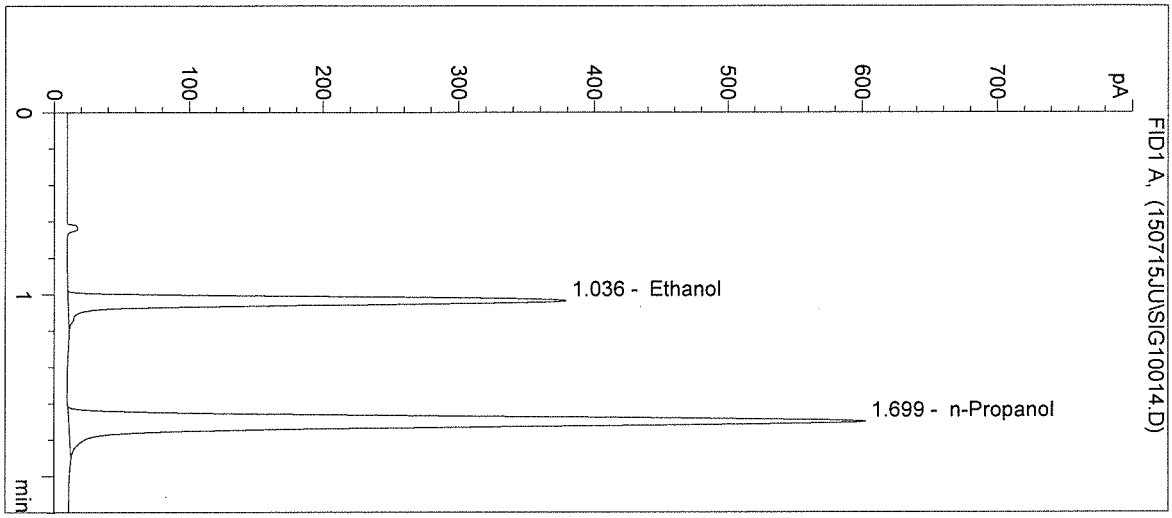
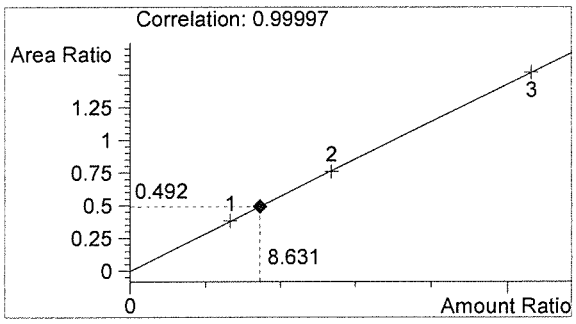
Inj. Date: 7/15/2015 11:29:51 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

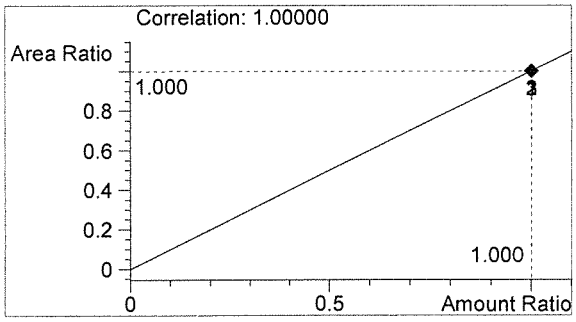
Sample Name: 15032-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1146	1.036
2	n-Propanol	2329	1.699



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\150715JU\SIG10014.D

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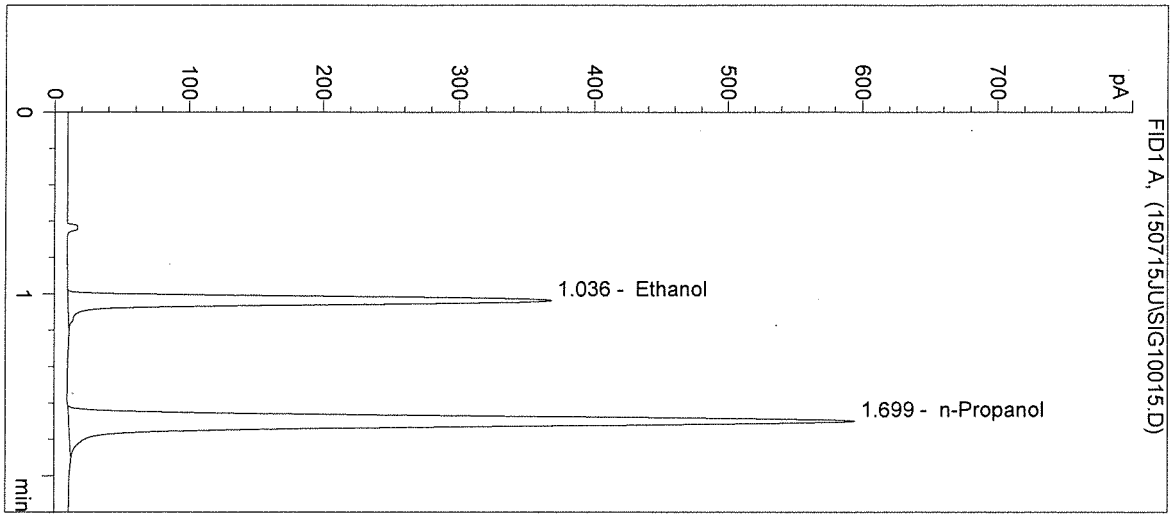
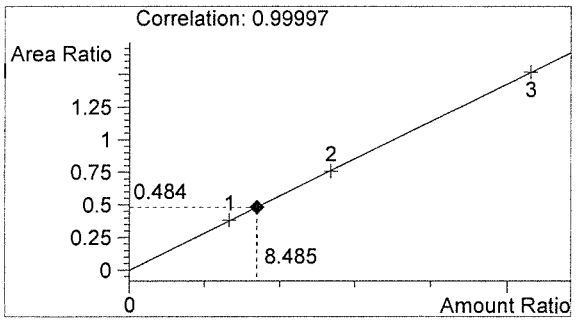
Inj. Date: 7/15/2015 11:33:04 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

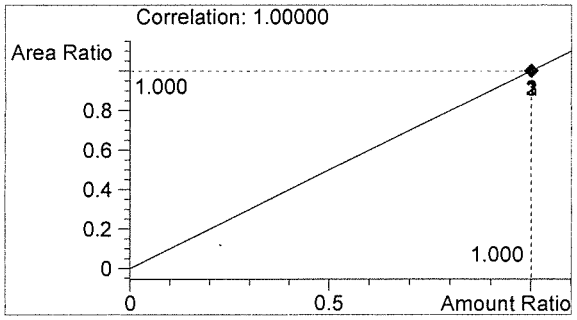
Sample Name: 0.10 CTRL
Operator: Justin Knoy
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1113	1.036
2	n-Propanol	2301	1.699



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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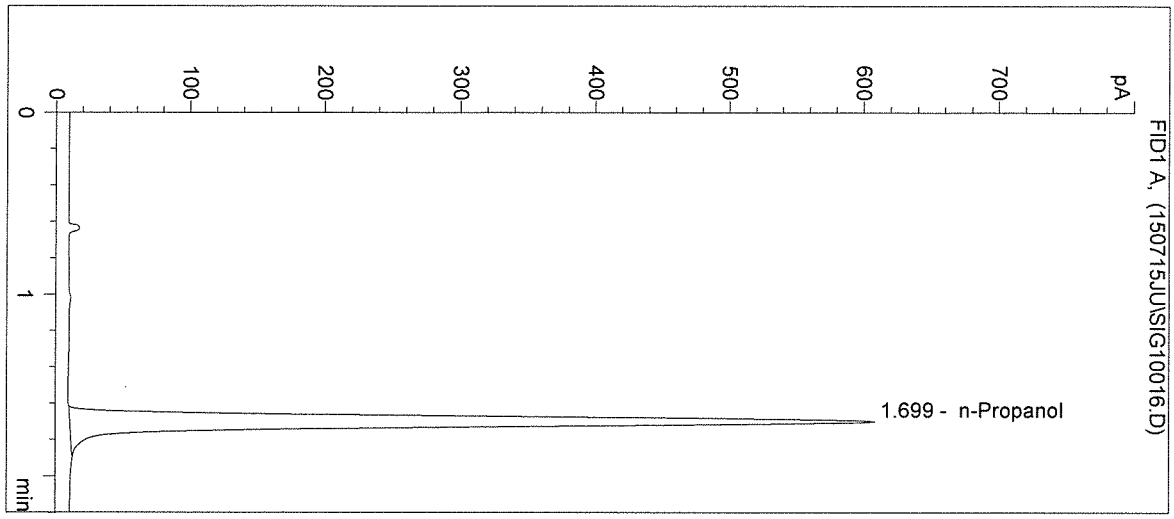
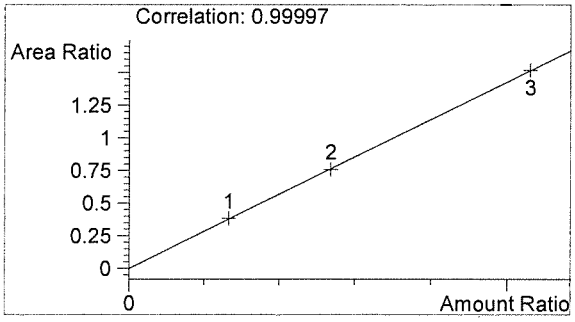
Inj. Date: 7/15/2015 11:36:17 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

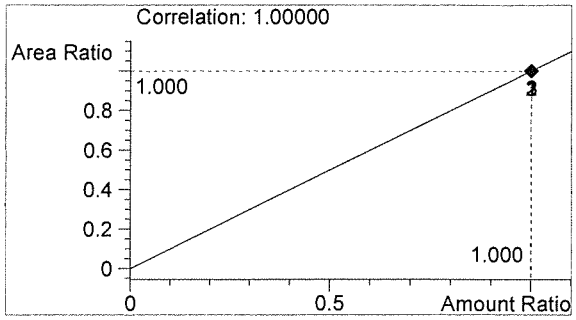
Sample Name: NEG CTRL
Operator: Justin Knoy
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2354	1.699



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\150715JU\SIG10016.D

Sequence: C:\HPCHEM\1\SEQUENCE\LLESS.S

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\1\DATA\
Data Subdirectory:	150715LL
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0615-01 - Exp. 12/02/2015
Ethanol Calibrator 2, E0615-02 - Exp. 12/02/2015
Ethanol Calibrator 3, E0615-03 - Exp. 12/02/2015
CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019
Internal Standard Lot#P0615 - Exp. 09/04/2015

Calibration vials 1-9 filed with 15032.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	15032 #1	SIMALC1	1	Sample		
11	Vial 11	15032 #2	SIMALC1	1	Sample		
12	Vial 12	15032 #3	SIMALC1	1	Sample		
13	Vial 13	15032 #4	SIMALC1	1	Sample		
14	Vial 14	15032 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	15033 #1	SIMALC1	1	Sample		
18	Vial 18	15033 #2	SIMALC1	1	Sample		
19	Vial 19	15033 #3	SIMALC1	1	Sample		
20	Vial 20	15033 #4	SIMALC1	1	Sample		
21	Vial 21	15033 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		

15032

7/3/15

Calibration Part:

Sequence: C:\HPCHEM\1\SEQUENCE\LLESS.S

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

Sequence Table (Back Injector):

No entries - empty table!

15032

fns 8/3/15

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

==========

Calibration Table

==========

Calib. Data Modified : Wednesday, July 15, 2015 1:04:15 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]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.035	1	1	7.97800e-2	860.48041	9.27156e-5	1		Ethanol
		2	1.60980e-1	1685.37939	9.55156e-5			
		3	3.18440e-1	3451.62524	9.22580e-5			
1.699	1	1	1.20000e-2	2245.64258	5.34368e-6	I1		n-Propanol
		2	1.20000e-2	2214.22314	5.41951e-6			
		3	1.20000e-2	2265.90771	5.29589e-6			

==========

Peak Sum Table

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No Entries in table

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15032

8/3/15

==========

Calibration Curves

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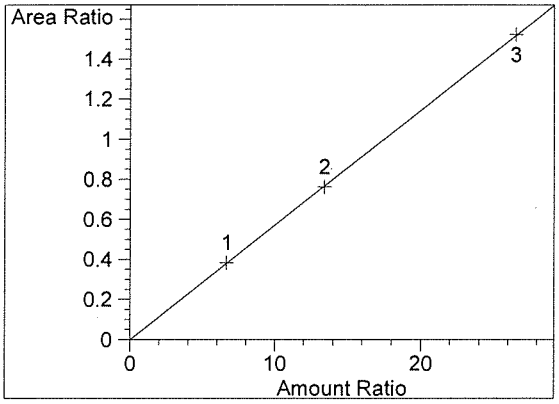
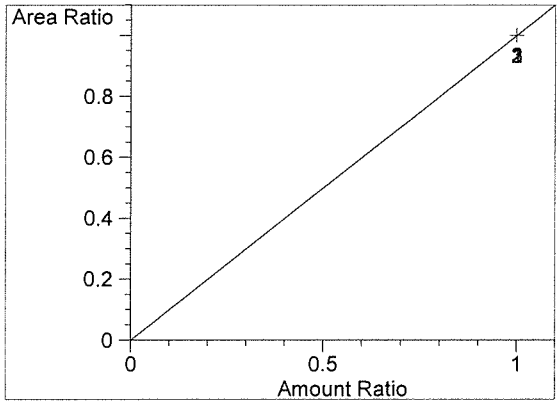


Ethanol at exp. RT: 1.035
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00577
Formula: y = mx + b
m: 5.73423e-2
b: -1.13148e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.699
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

==========

15032

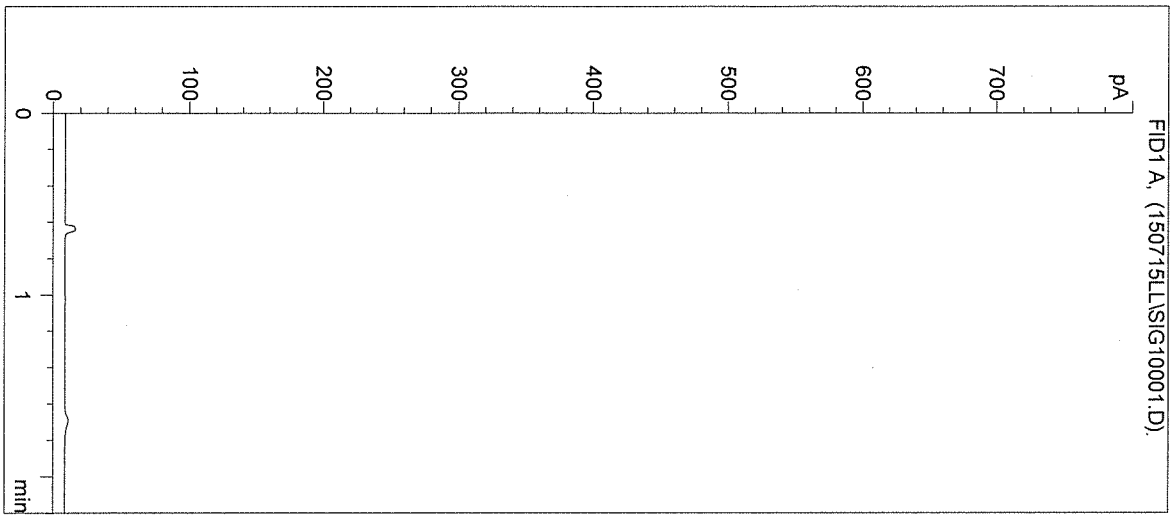
fn 8/13/15

h

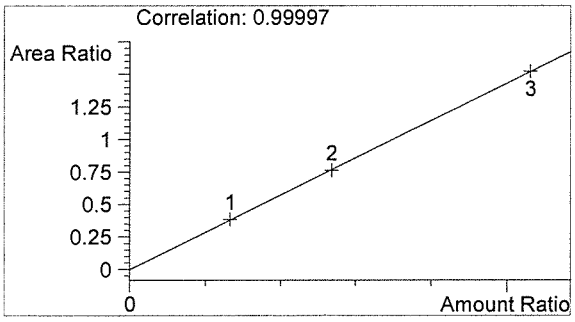
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 12:52:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

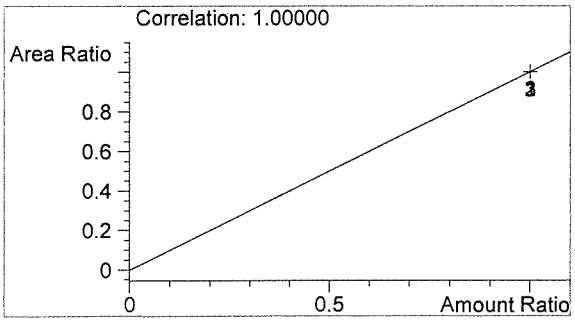
Sample Name: BLANK
Operator: Lyndsey Lowe
Location: Vial 1



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



Ethanol 0.000 g/100mL

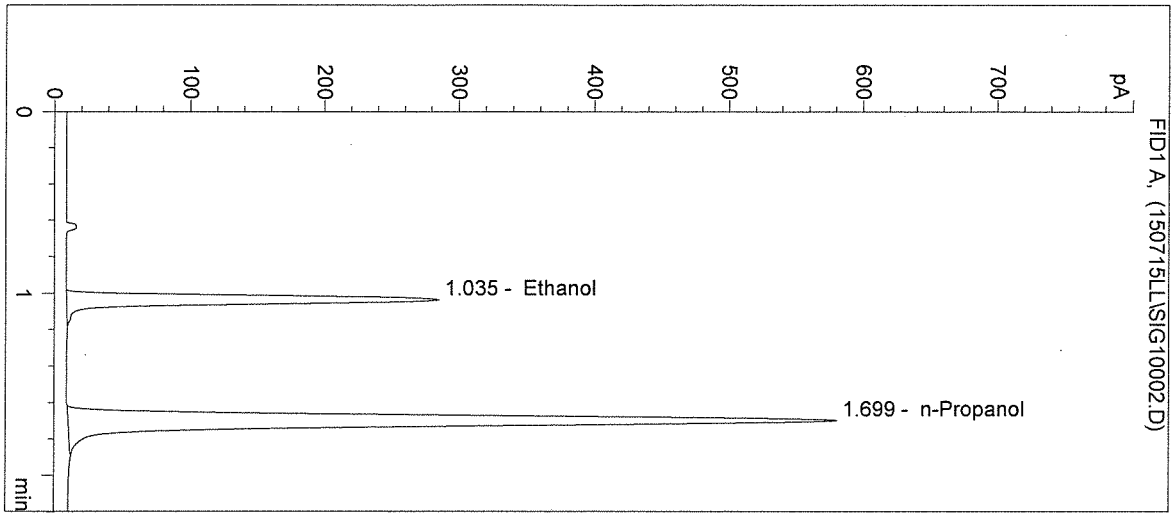


n-Propanol 0.000 g/100mL

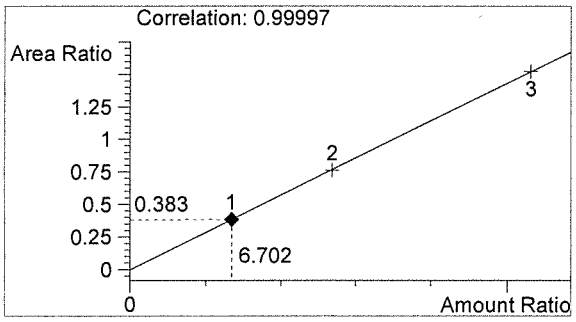
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 12:55:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

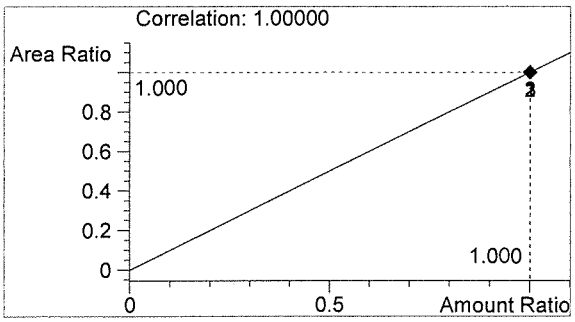
Sample Name: 0.079 CAL 1
Operator: Lyndsey Lowe
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	860	1.035
2	n-Propanol	2246	1.699



Ethanol 0.080 g/100mL

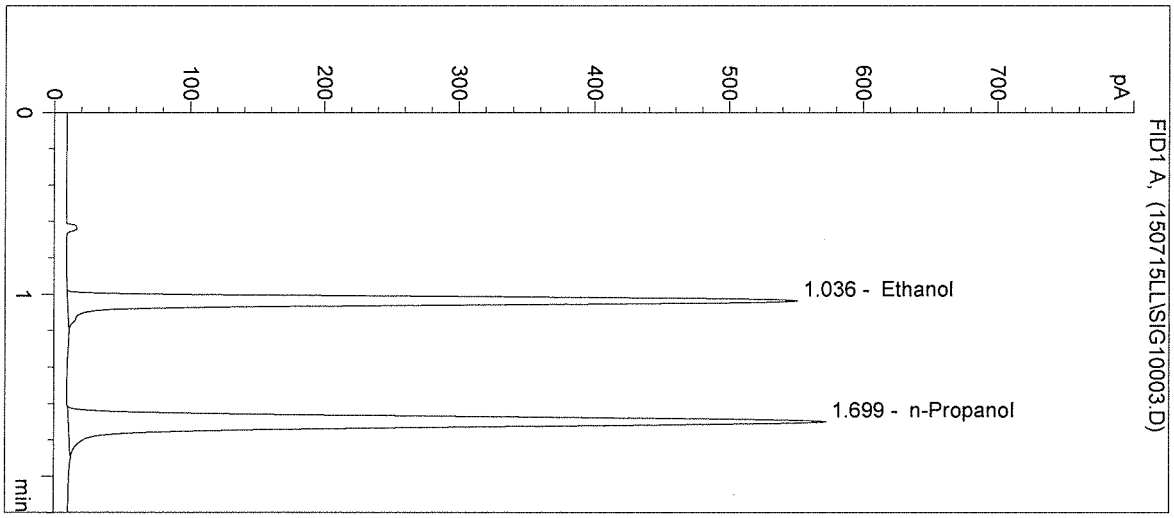


n-Propanol 0.012 g/100mL

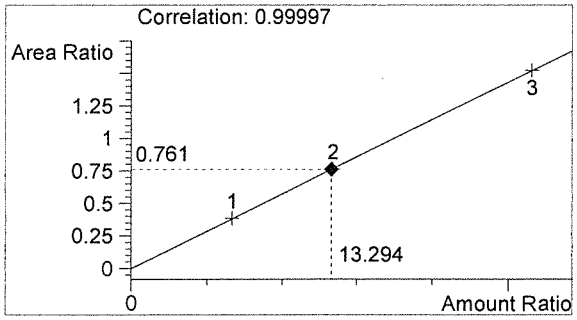
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 12:58:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

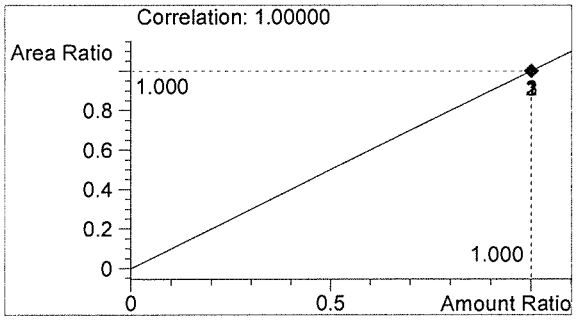
Sample Name: 0.158 CAL 2
Operator: Lyndsey Lowe
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1685	1.036
2	n-Propanol	2214	1.699



Ethanol 0.160 g/100mL

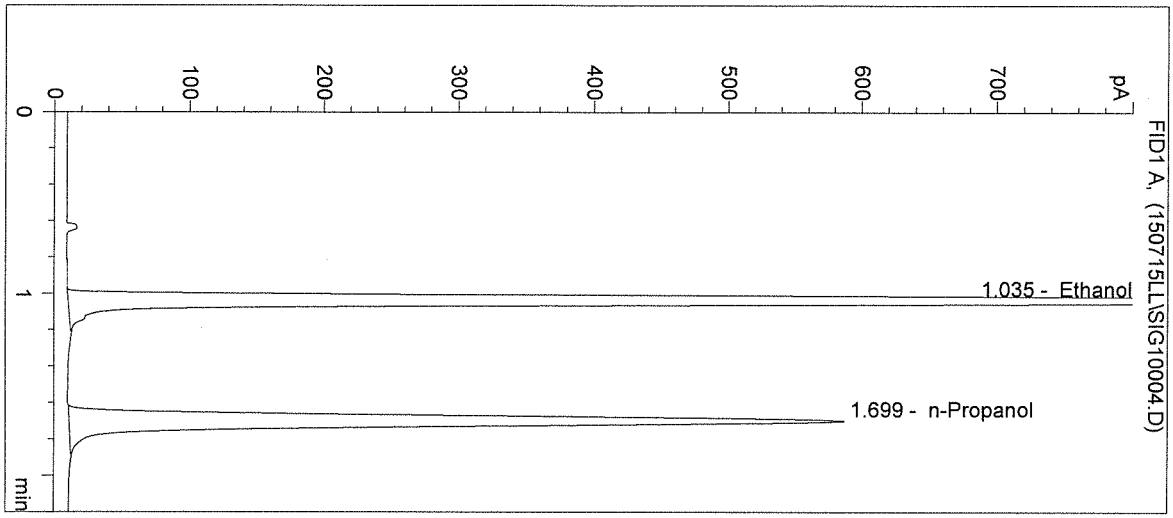


n-Propanol 0.012 g/100mL

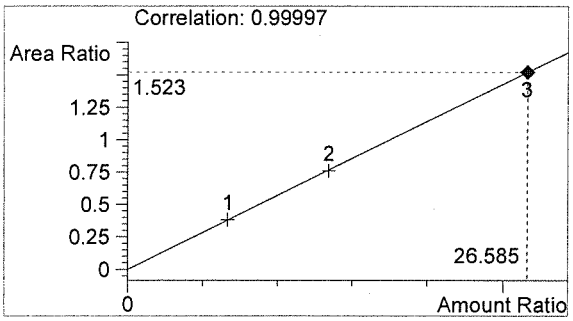
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 1:02:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

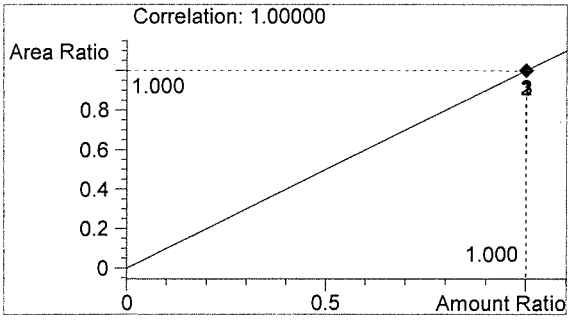
Sample Name: 0.316 CAL 3
Operator: Lyndsey Lowe
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3452	1.035
2	n-Propanol	2266	1.699



Ethanol 0.319 g/100mL

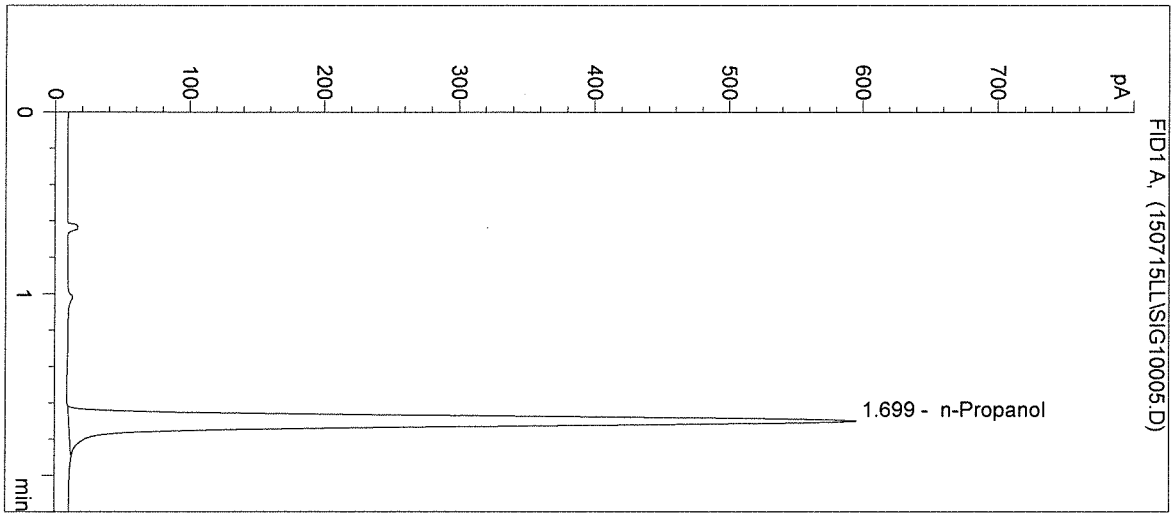


n-Propanol 0.012 g/100mL

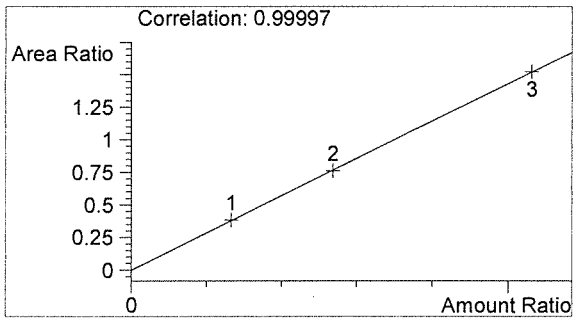
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 1:05:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

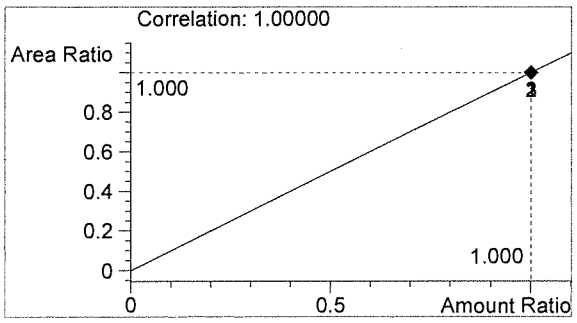
Sample Name: NEG CTRL
Operator: Lyndsey Lowe
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2305	1.699



Ethanol 0.000 g/100mL

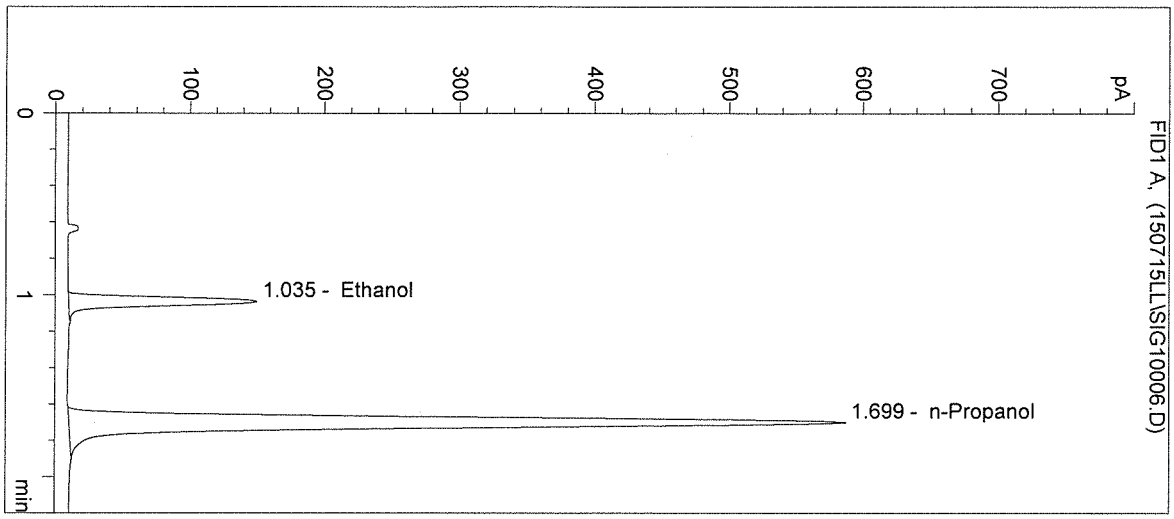


n-Propanol 0.012 g/100mL

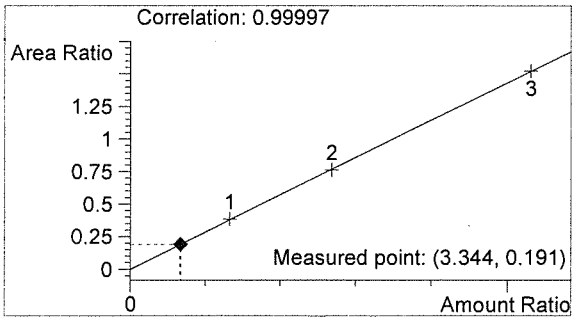
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 1:08:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

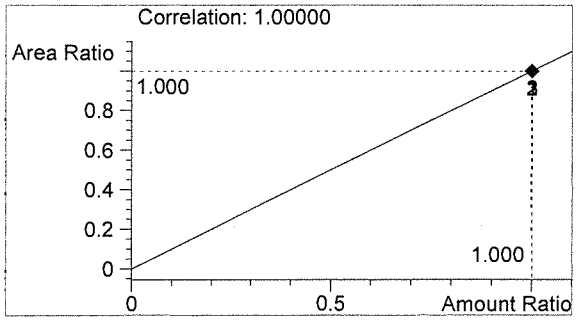
Sample Name: 0.04 CTRL
Operator: Lyndsey Lowe
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	433	1.035
2	n-Propanol	2273	1.699



Ethanol 0.040 g/100mL

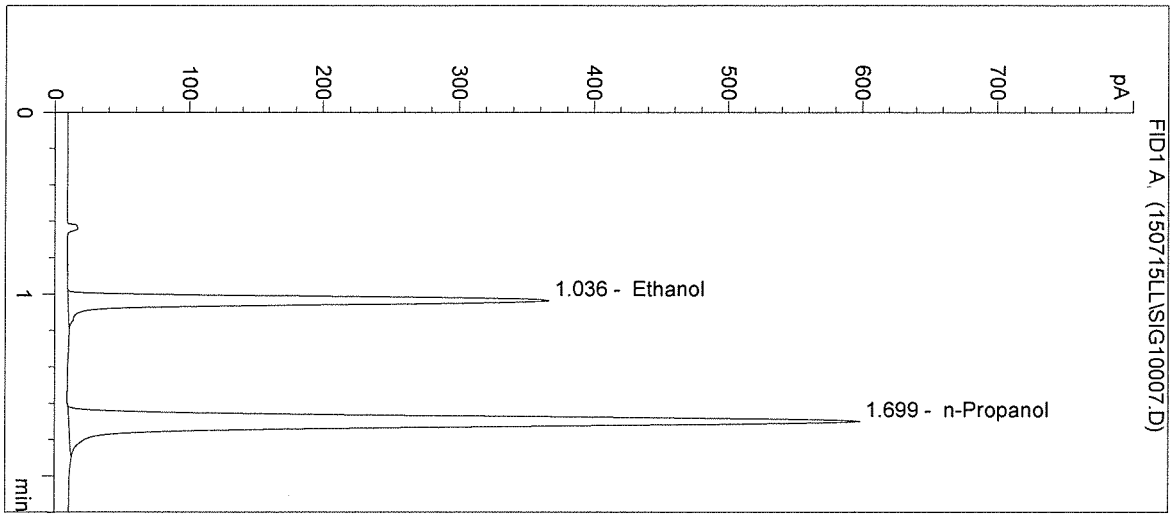


n-Propanol 0.012 g/100mL

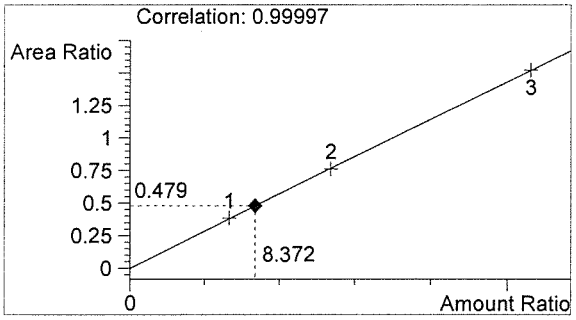
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 1:11:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

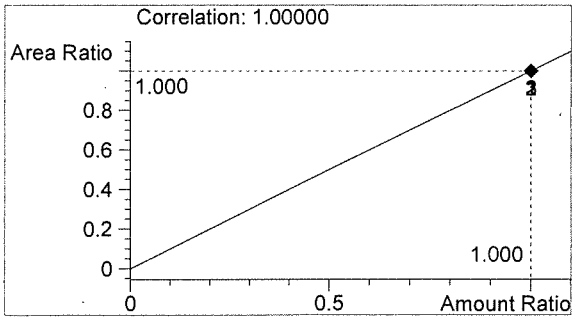
Sample Name: 0.10 CTRL
Operator: Lyndsey Lowe
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1109	1.036
2	n-Propanol	2316	1.699



Ethanol 0.100 g/100mL

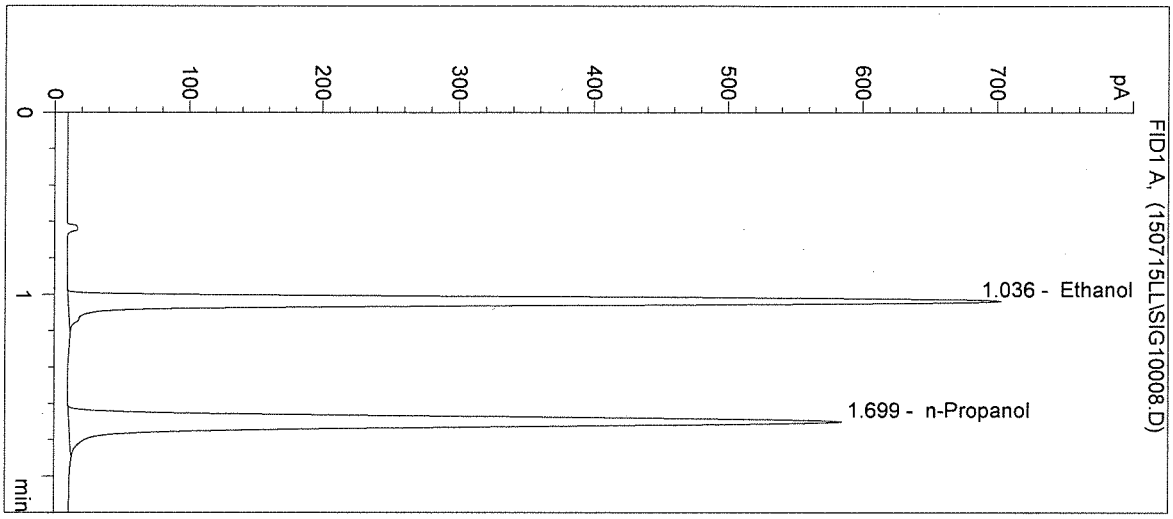


n-Propanol 0.012 g/100mL

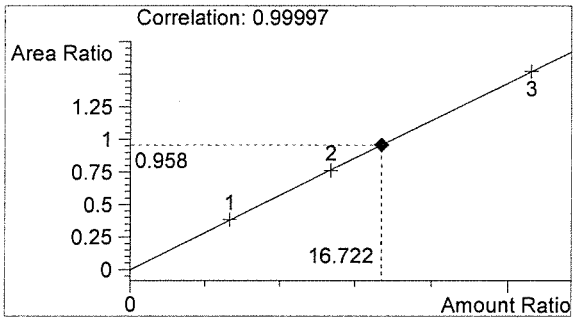
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 1:14:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

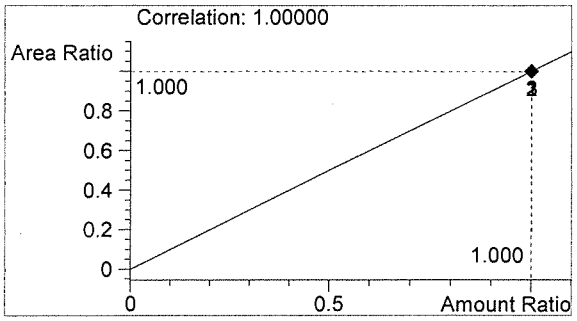
Sample Name: 0.20 CTRL
Operator: Lyndsey Lowe
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2170	1.036
2	n-Propanol	2266	1.699



Ethanol 0.201 g/100mL

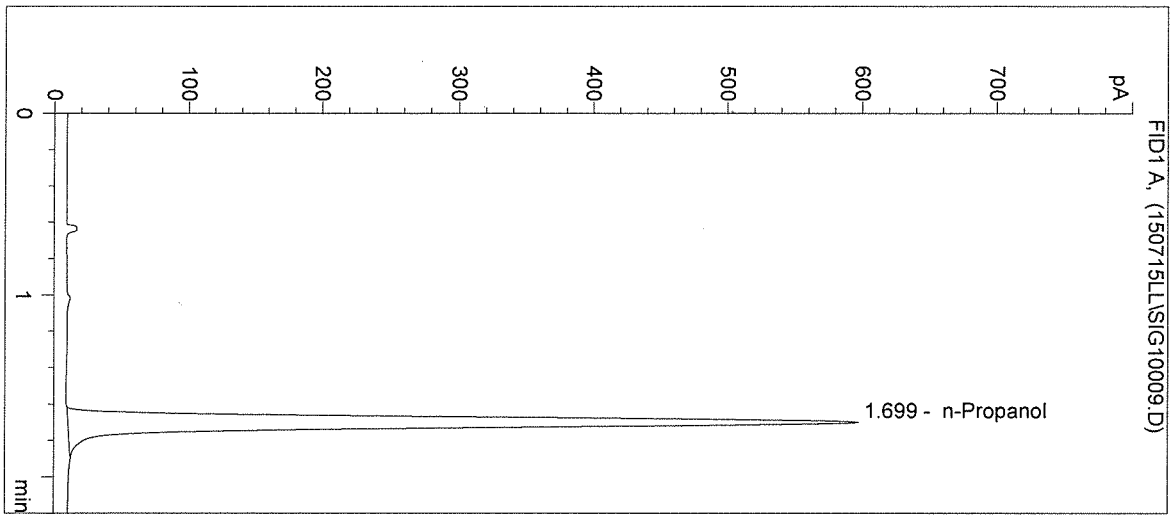


n-Propanol 0.012 g/100mL

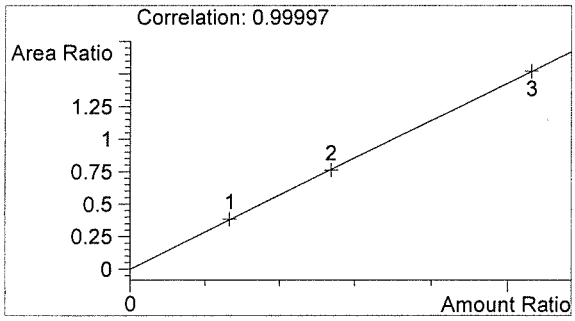
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 1:18:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

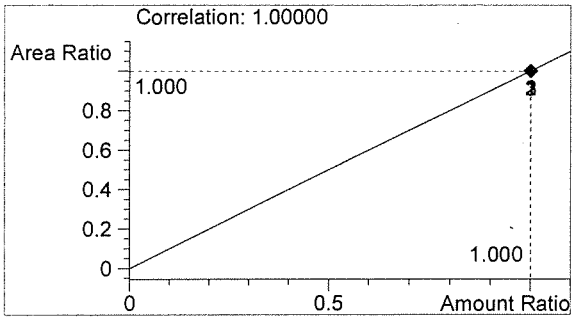
Sample Name: NEG CTRL
Operator: Lyndsey Lowe
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2314	1.699



Ethanol 0.000 g/100mL

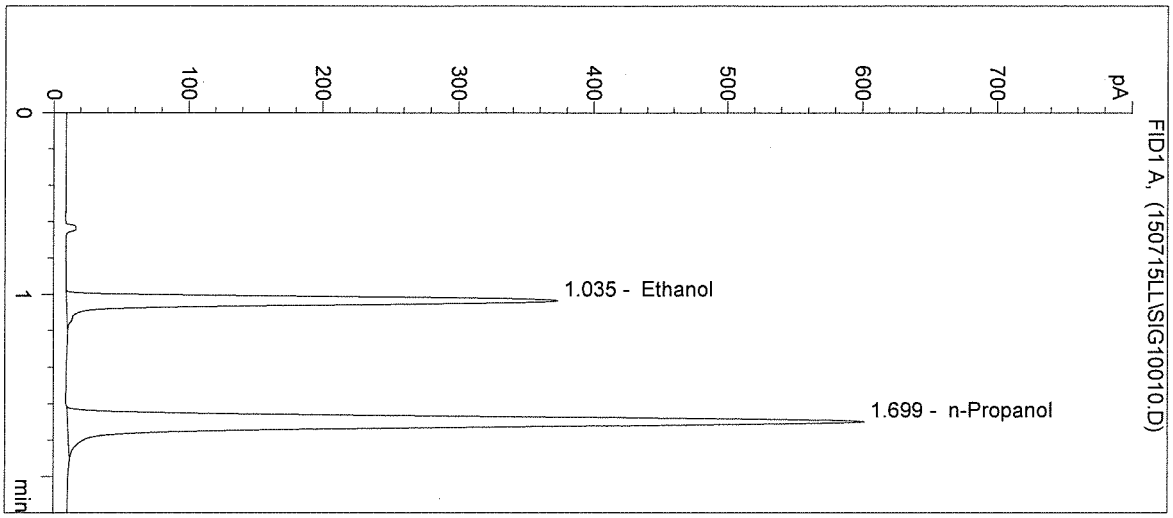


n-Propanol 0.012 g/100mL

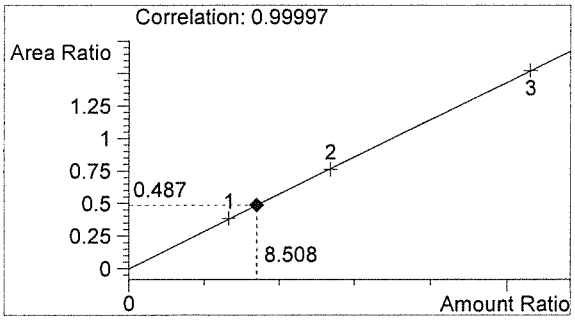
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 1:21:21 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

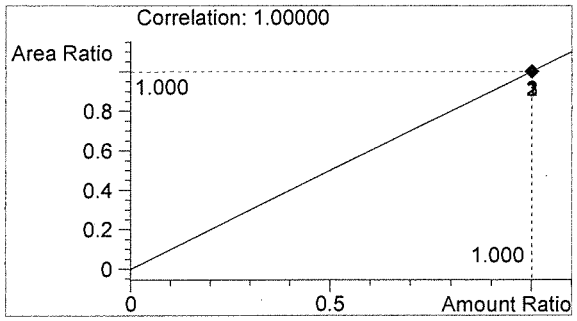
Sample Name: 15032 #1
Operator: Lyndsey Lowe
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1135	1.035
2	n-Propanol	2332	1.699



Ethanol 0.102 g/100mL

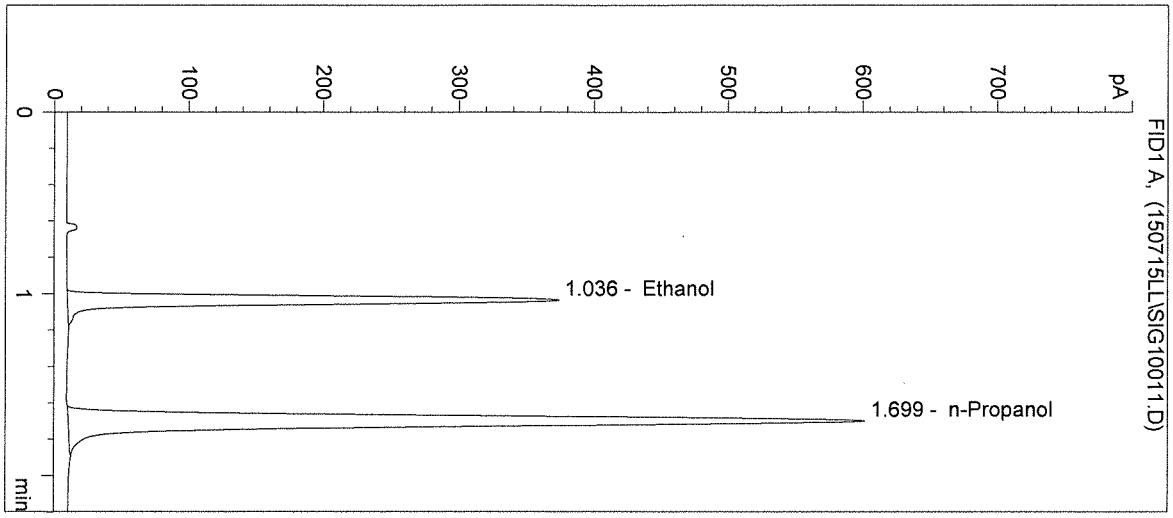


n-Propanol 0.012 g/100mL

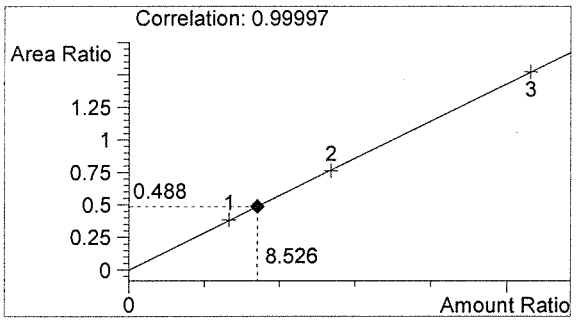
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 1:24:34 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

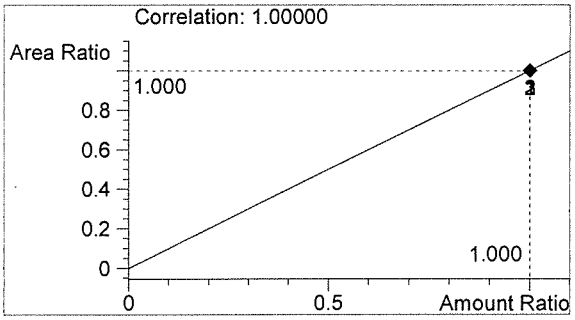
Sample Name: 15032 #2
Operator: Lyndsey Lowe
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1133	1.036
2	n-Propanol	2324	1.699



Ethanol 0.102 g/100mL

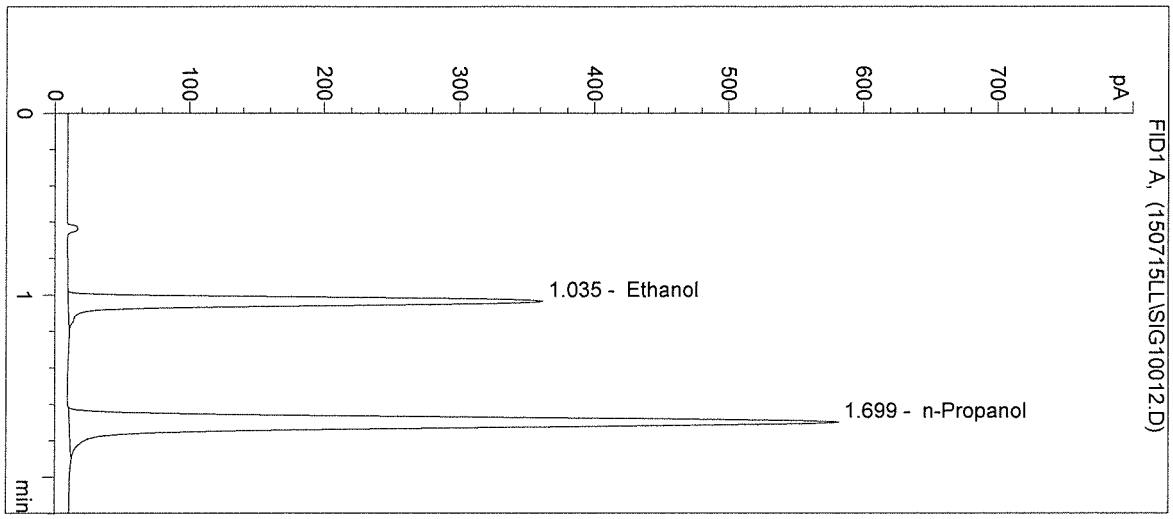


n-Propanol 0.012 g/100mL

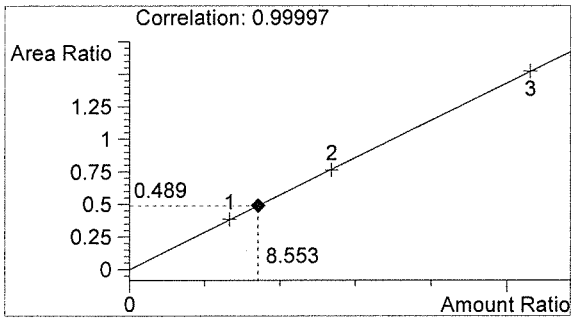
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 1:27:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

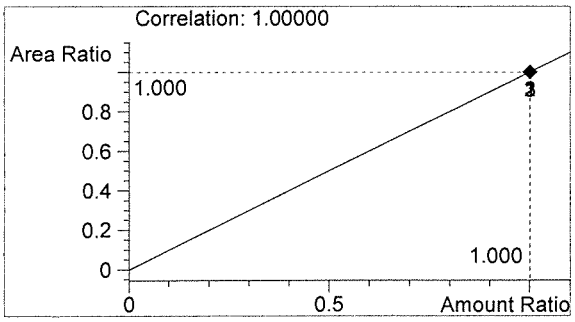
Sample Name: 15032 #3
Operator: Lyndsey Lowe
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1103	1.035
2	n-Propanol	2254	1.699



Ethanol 0.103 g/100mL

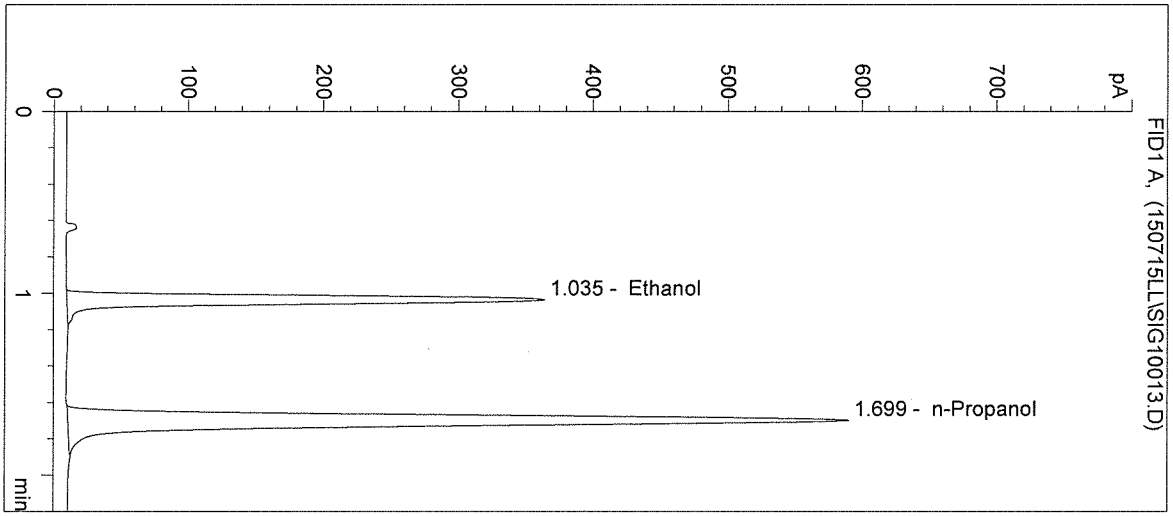


n-Propanol 0.012 g/100mL

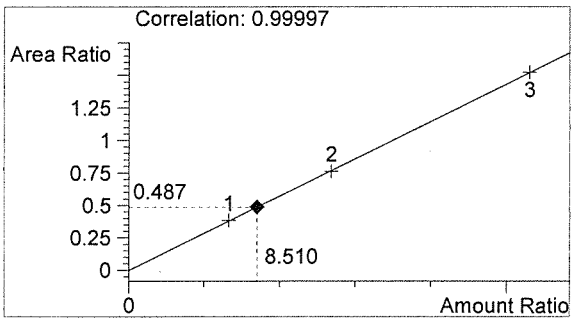
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 1:31:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

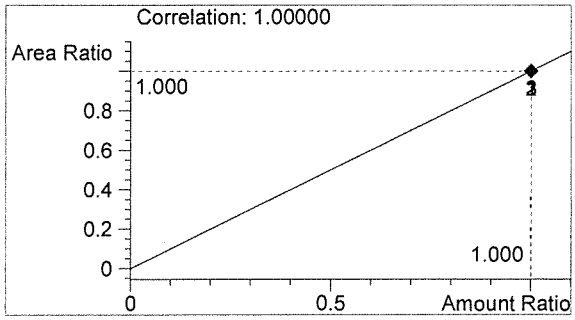
Sample Name: 15032 #4
Operator: Lyndsey Lowe
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.035
2	n-Propanol	2287	1.699



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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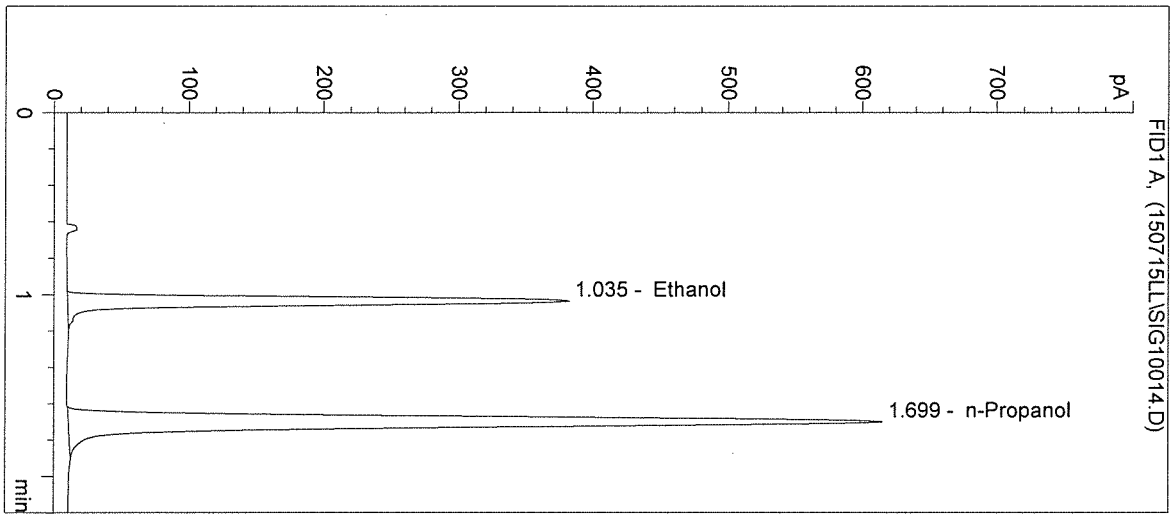
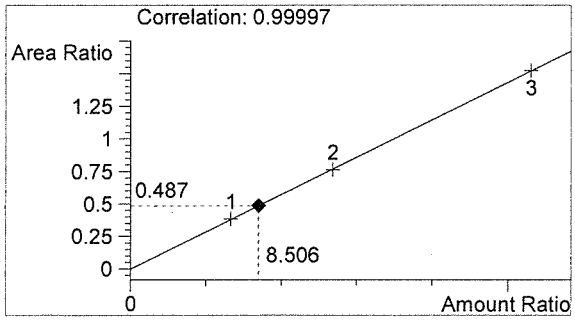
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 1:34:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

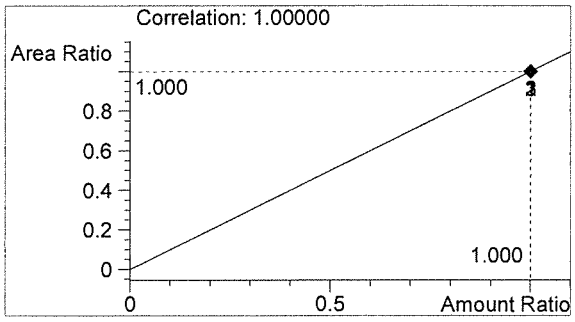
Sample Name: 15032 #5
Operator: Lyndsey Lowe
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1157	1.035
2	n-Propanol	2379	1.699



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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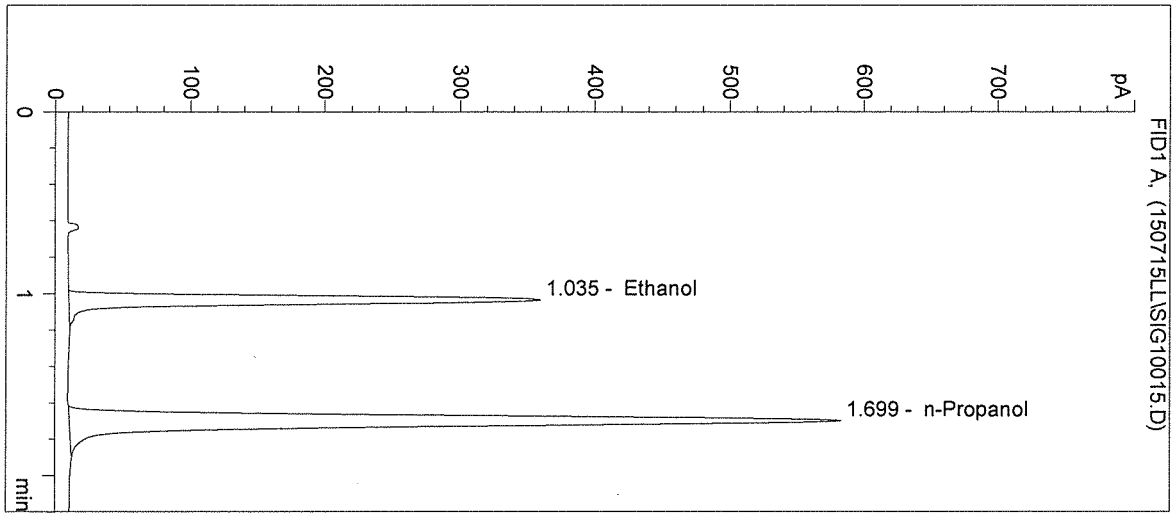
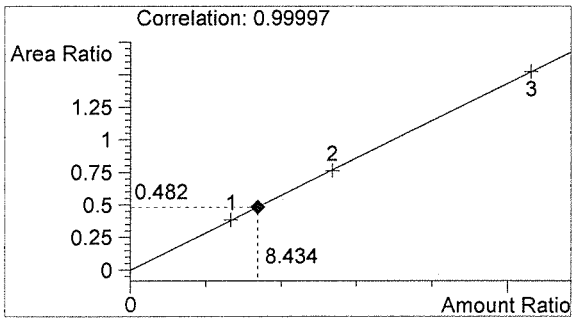
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 1:37:27 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

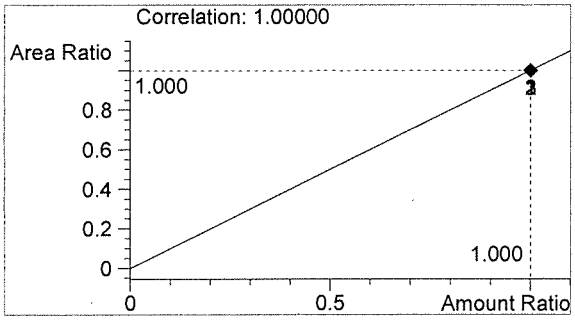
Sample Name: 0.10 CTRL
Operator: Lyndsey Lowe
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1087	1.035
2	n-Propanol	2254	1.699



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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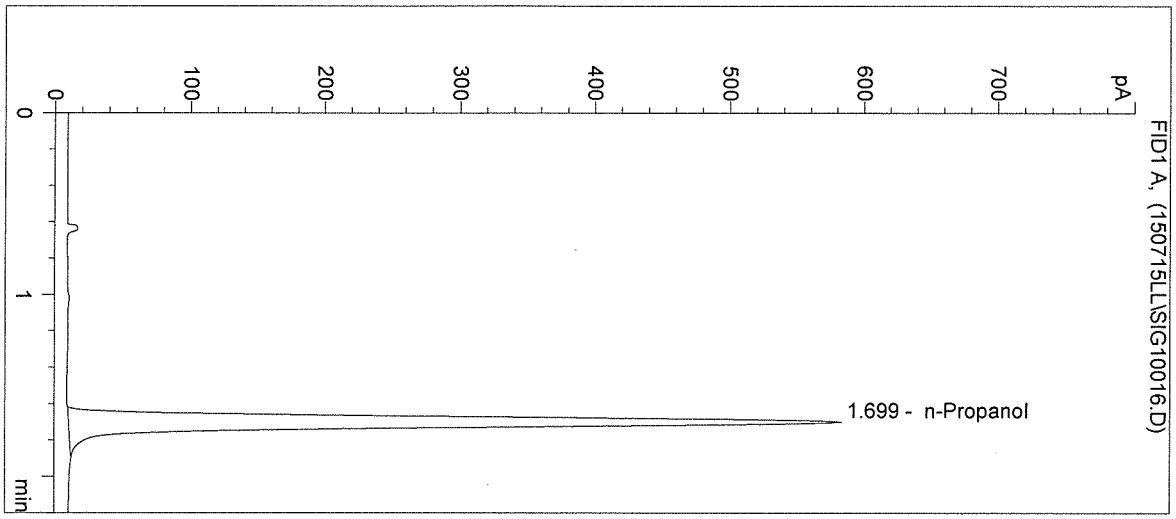
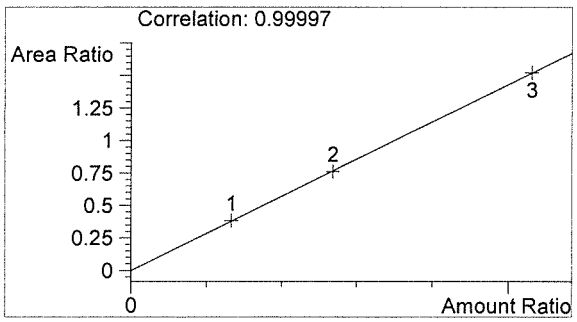
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 1:40:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

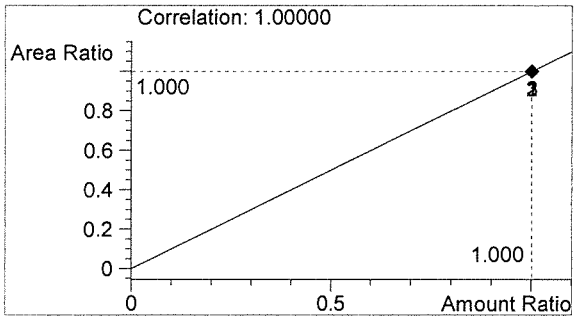
Sample Name: NEG CTRL
Operator: Lyndsey Lowe
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2263	1.699



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Sequence: C:\HPCHEM\1\SEQUENCE\RFESS.S

Sequence Parameters:

Operator:	Rebecca Flaherty
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	150715RF
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0615-01 - Exp. 12/02/2015
Ethanol Calibrator 2, E0615-02 - Exp. 12/02/2015
Ethanol Calibrator 3, E0615-03 - Exp. 12/02/2015
CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019
Internal Standard Lot#P0615 - Exp. 09/04/2015

Calibration vials 1-9 filed with 15032.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	15032 #1	SIMALC1	1	Sample		
11	Vial 11	15032 #2	SIMALC1	1	Sample		
12	Vial 12	15032 #3	SIMALC1	1	Sample		
13	Vial 13	15032 #4	SIMALC1	1	Sample		
14	Vial 14	15032 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	15033 #1	SIMALC1	1	Sample		
18	Vial 18	15033 #2	SIMALC1	1	Sample		
19	Vial 19	15033 #3	SIMALC1	1	Sample		
20	Vial 20	15033 #4	SIMALC1	1	Sample		
21	Vial 21	15033 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		

15032

fr 8/3/15

Calibration Part:

Sequence: C:\HPCHEM\1\SEQUENCE\RFESS.S

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

Sequence Table (Back Injector):

No entries - empty table!

15032

fr 8/21/15

RF

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

Calibration Table

Calib. Data Modified : Wednesday, July 15, 2015 2:45:09 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]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.035	1	1	7.97800e-2	850.17731	9.38392e-5	1		Ethanol
		2	1.60980e-1	1710.71045	9.41013e-5			
		3	3.18440e-1	3368.97266	9.45214e-5			
1.699	1	1	1.20000e-2	2230.23877	5.38059e-6	I1		n-Propanol
		2	1.20000e-2	2266.36743	5.29482e-6			
		3	1.20000e-2	2230.99438	5.37877e-6			

15032
fn 8/3/15

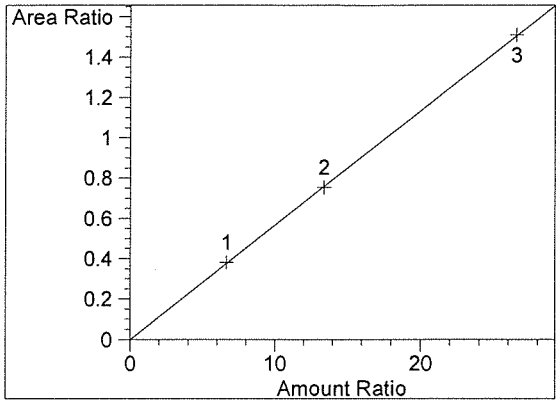
Peak Sum Table

No Entries in table

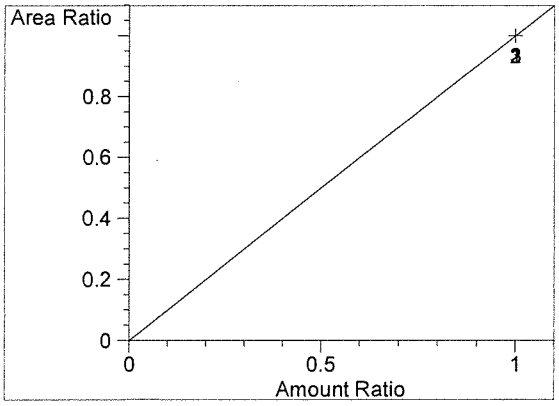
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.035
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00597
Formula: y = mx + b
m: 5.68287e-2
b: -5.28235e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.699
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

==========

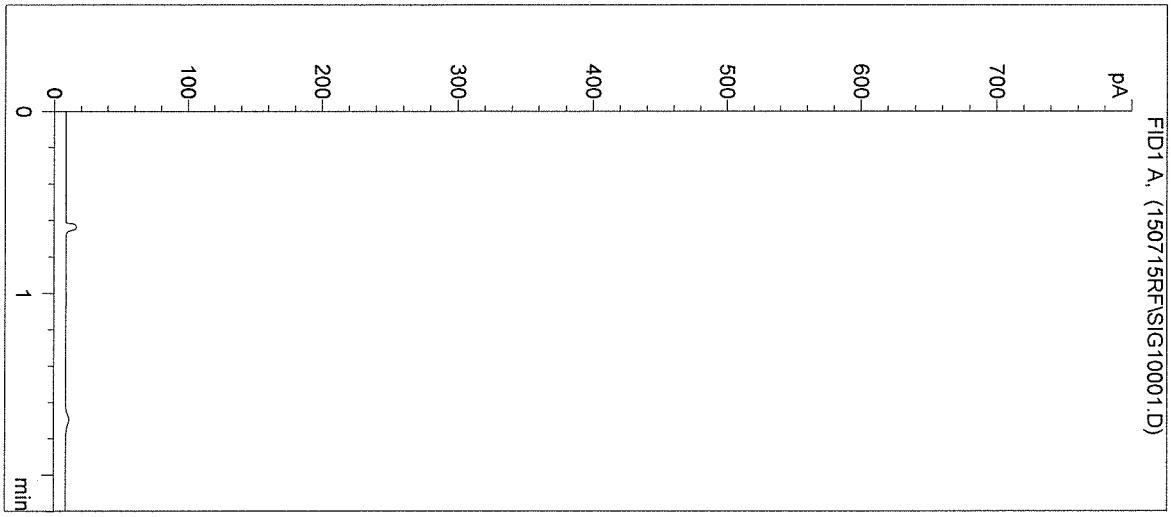
15032
7/13/15

RF

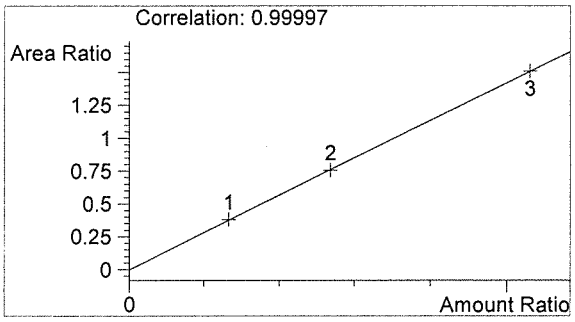
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 2:33:03 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

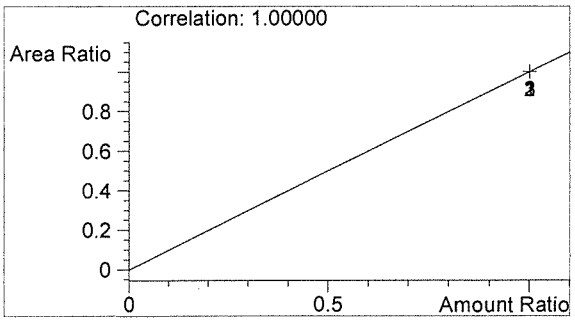
Sample Name: BLANK
Operator: Rebecca Flaherty
Location: Vial 1



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



Ethanol 0.000 g/100mL



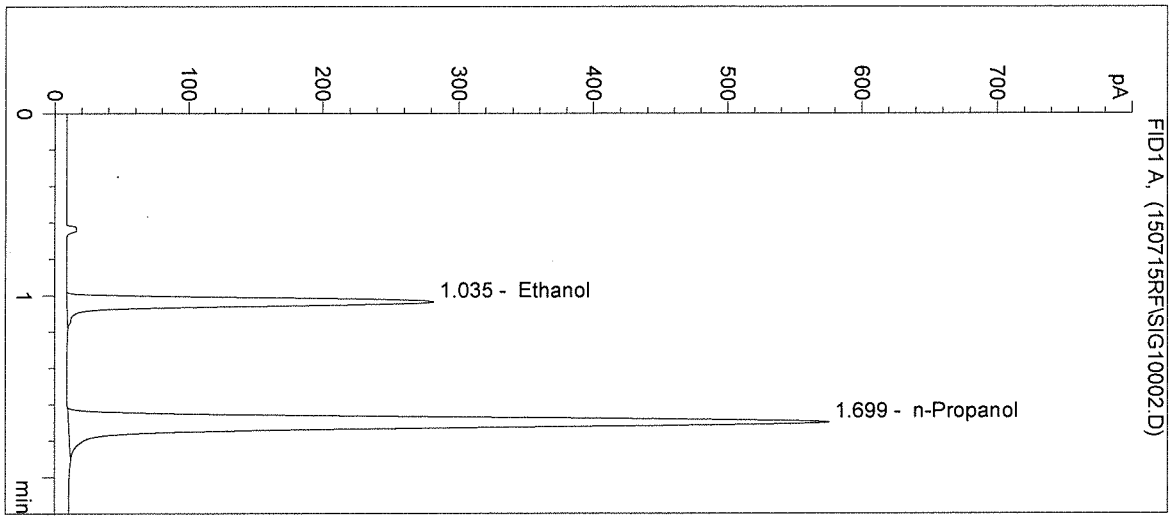
n-Propanol 0.000 g/100mL

RF

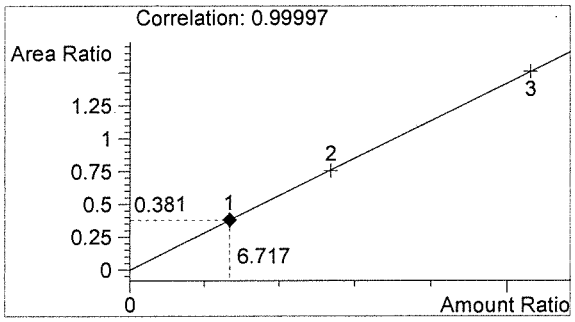
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 2:36:21 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

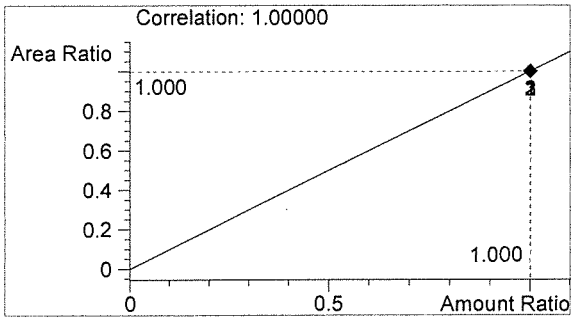
Sample Name: 0.079 CAL 1
Operator: Rebecca Flaherty
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	850	1.035
2	n-Propanol	2230	1.699



Ethanol 0.081 g/100mL



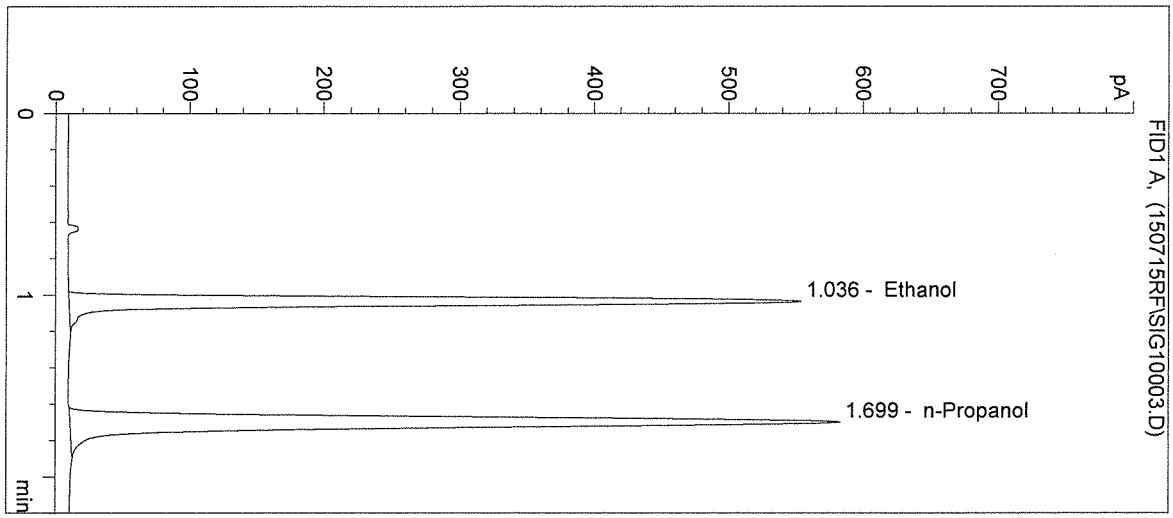
n-Propanol 0.012 g/100mL

RF

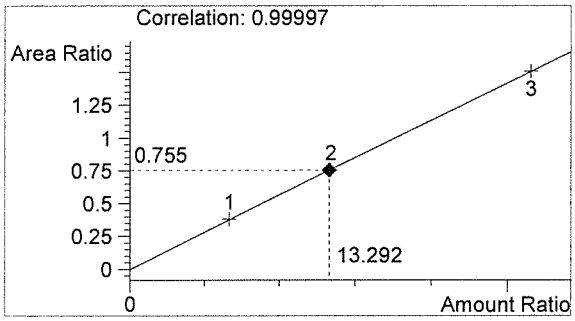
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 2:39:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

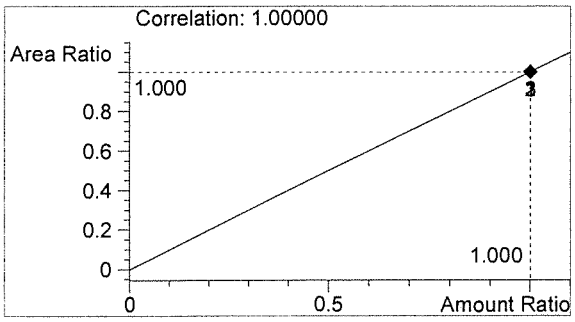
Sample Name: 0.158 CAL 2
Operator: Rebecca Flaherty
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1711	1.036
2	n-Propanol	2266	1.699



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

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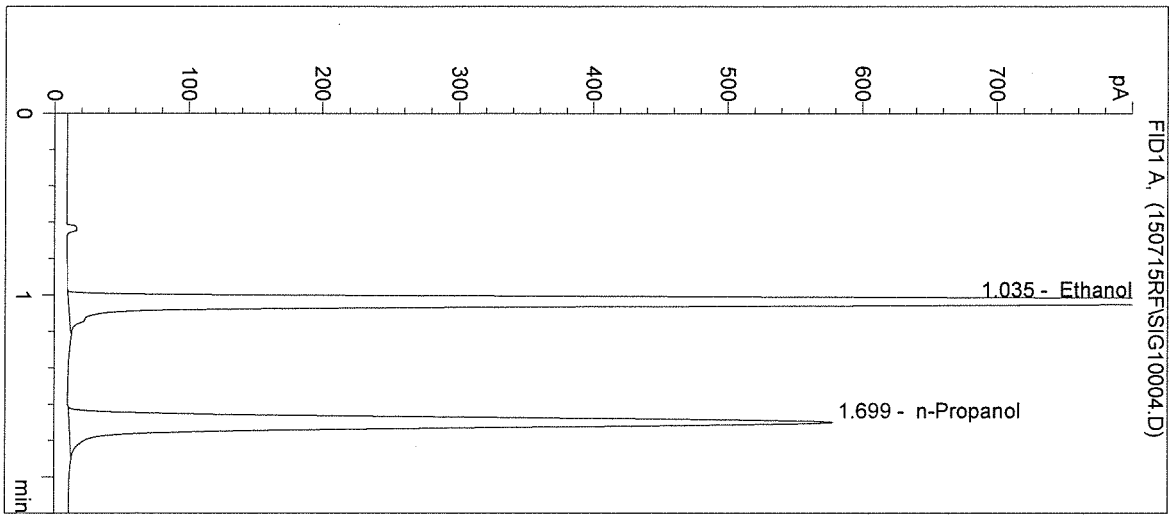
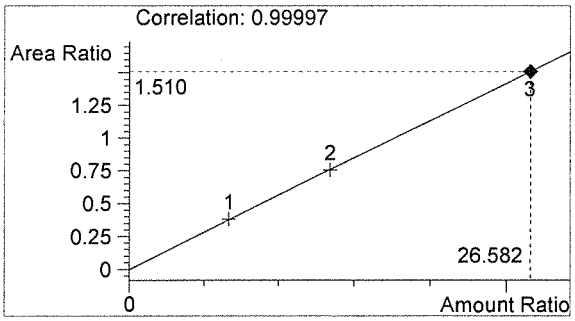
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 2:42:56 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

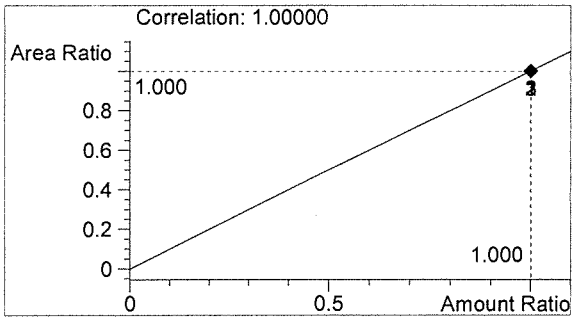
Sample Name: 0.316 CAL 3
Operator: Rebecca Flaherty
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3369	1.035
2	n-Propanol	2231	1.699



Ethanol 0.319 g/100mL

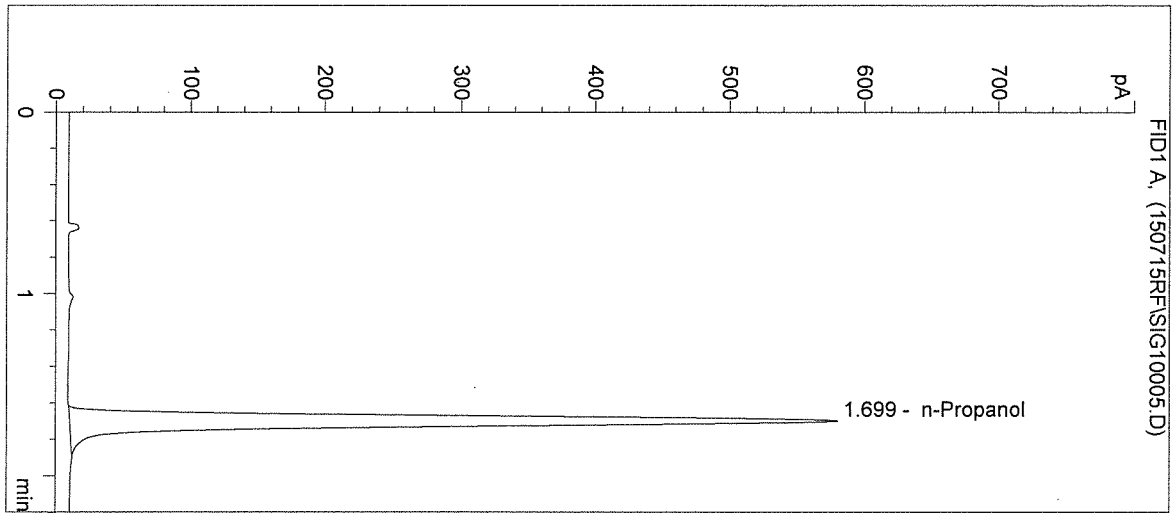


n-Propanol 0.012 g/100mL

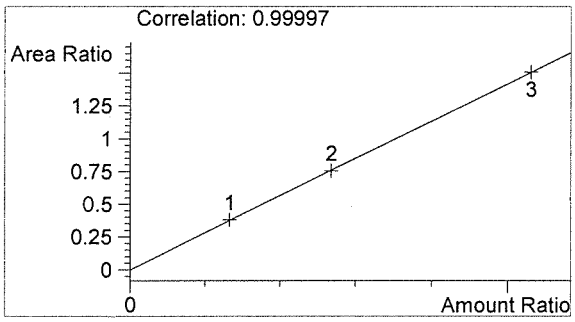
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 2:46:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

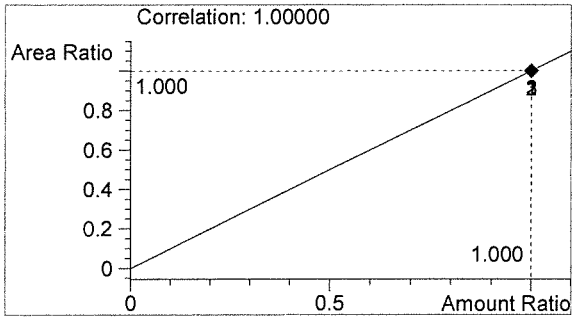
Sample Name: NEG CTRL
Operator: Rebecca Flaherty
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2243	1.699



Ethanol 0.000 g/100mL

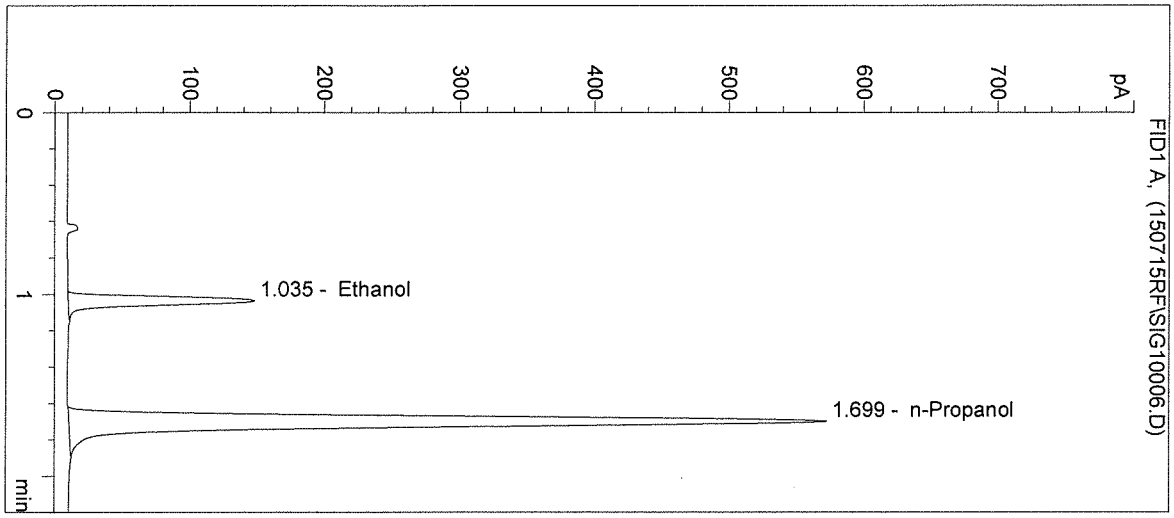


n-Propanol 0.012 g/100mL

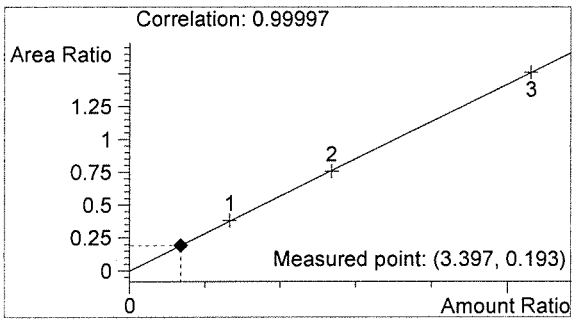
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 2:49:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

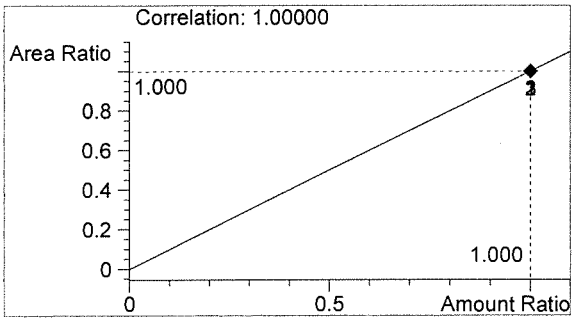
Sample Name: 0.04 CTRL
Operator: Rebecca Flaherty
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	426	1.035
2	n-Propanol	2212	1.699



Ethanol 0.041 g/100mL



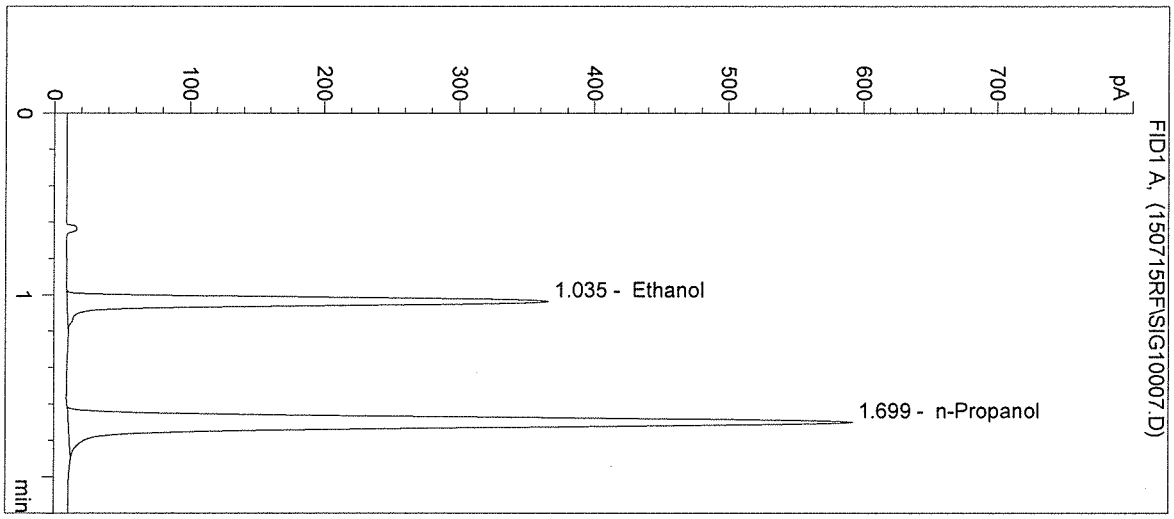
n-Propanol 0.012 g/100mL

RF

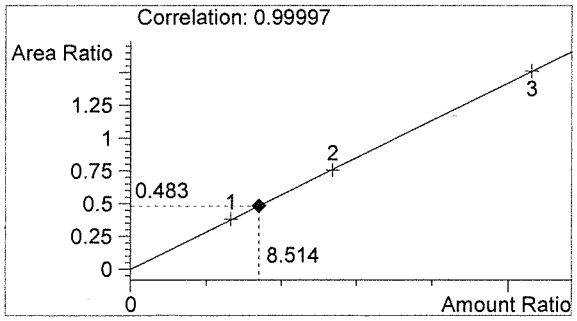
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 2:52:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

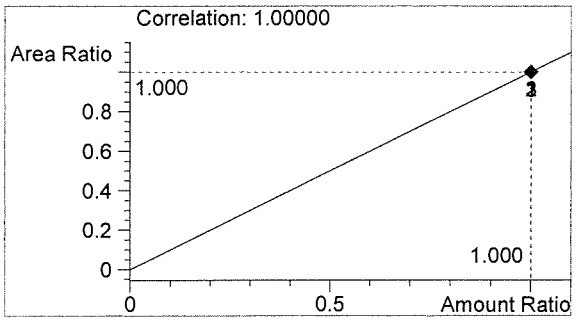
Sample Name: 0.10 CTRL
Operator: Rebecca Flaherty
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.035
2	n-Propanol	2293	1.699



Ethanol 0.102 g/100mL

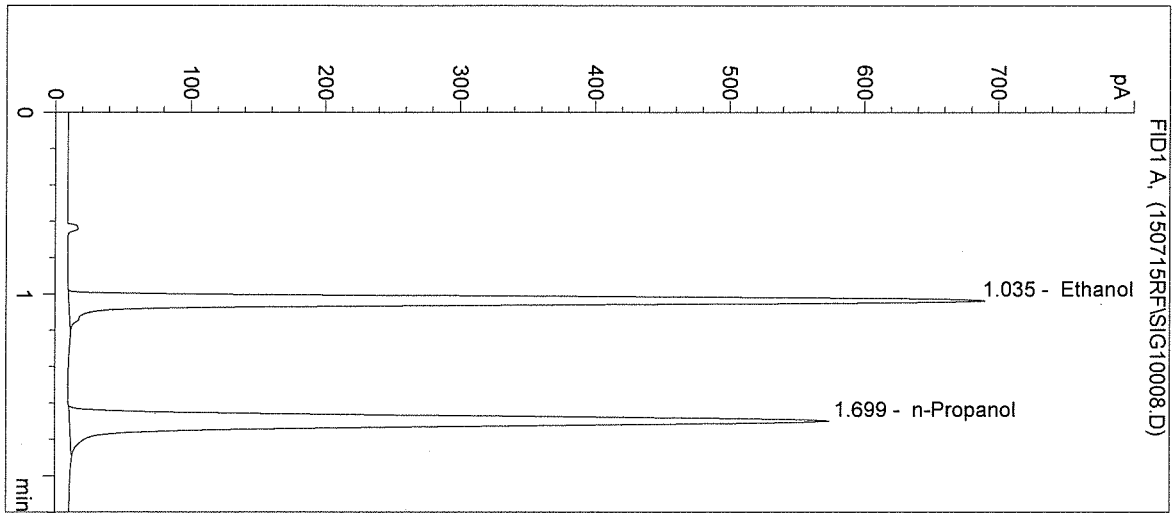


n-Propanol 0.012 g/100mL

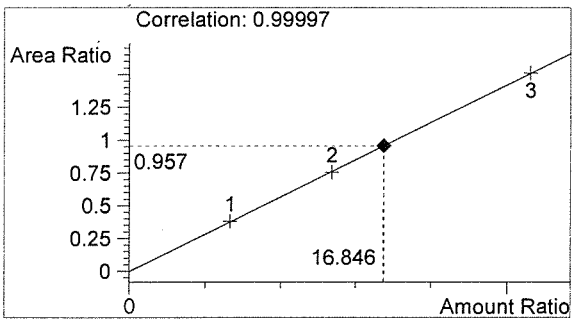
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 2:55:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

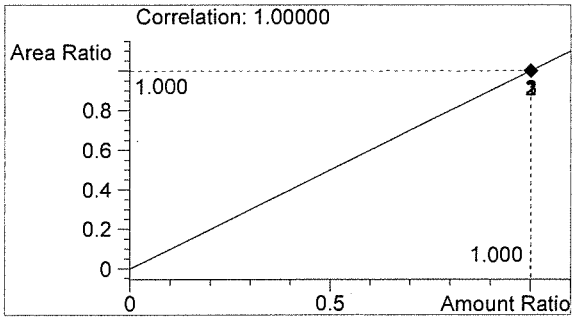
Sample Name: 0.20 CTRL
Operator: Rebecca Flaherty
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2121	1.035
2	n-Propanol	2216	1.699



Ethanol 0.202 g/100mL

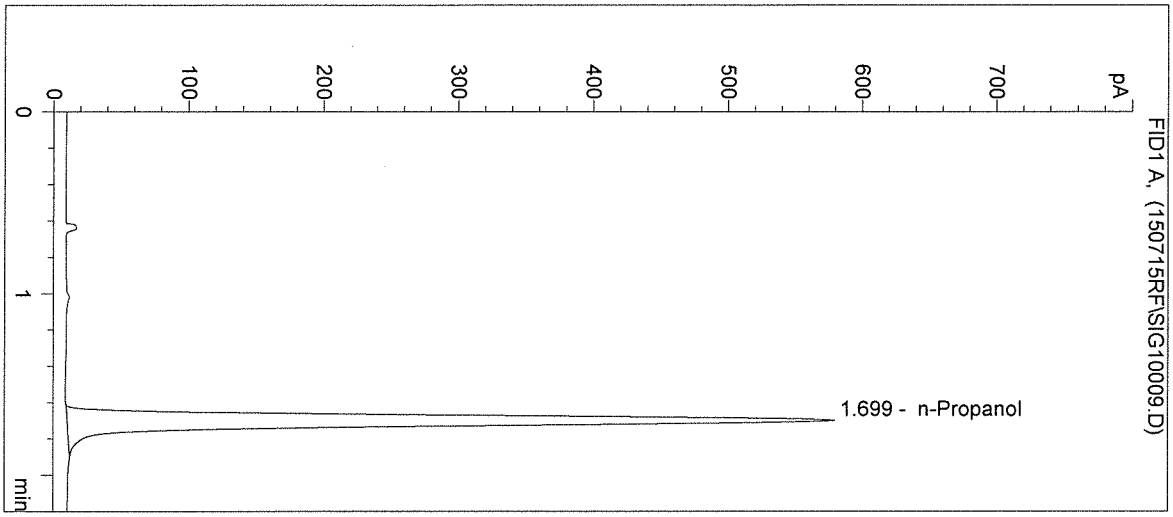


n-Propanol 0.012 g/100mL

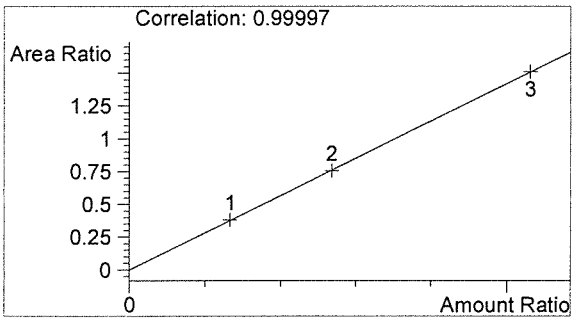
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 2:59:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

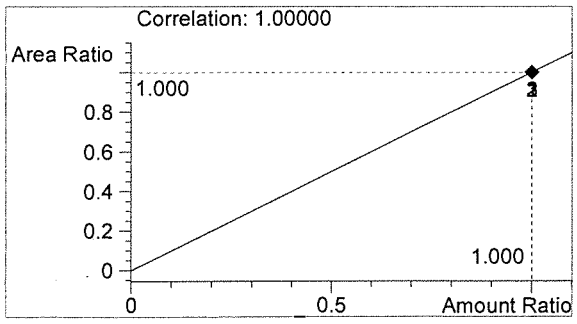
Sample Name: NEG CTRL
Operator: Rebecca Flaherty
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2246	1.699



Ethanol 0.000 g/100mL

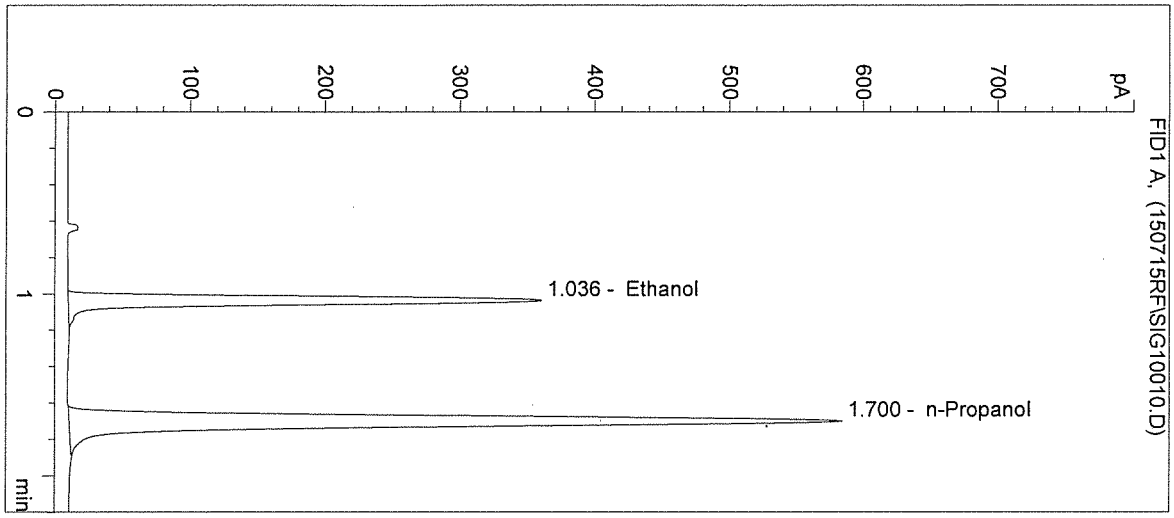


n-Propanol 0.012 g/100mL

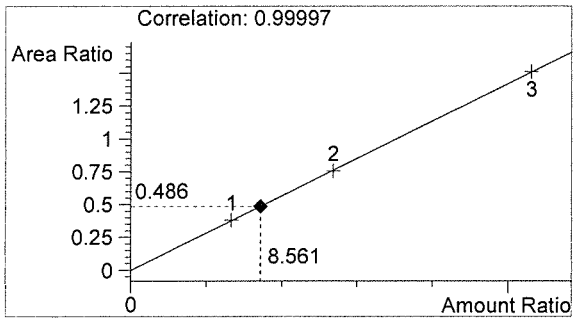
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 3:02:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

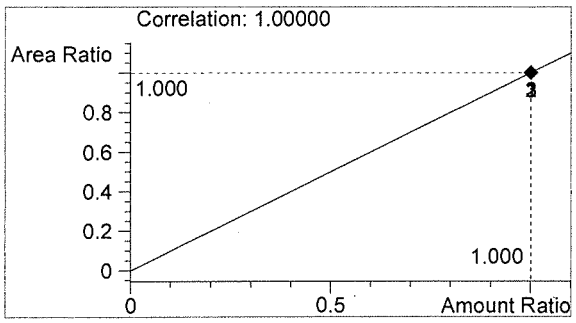
Sample Name: 15032 #1
Operator: Rebecca Flaherty
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1100	1.036
2	n-Propanol	2264	1.700



Ethanol 0.103 g/100mL

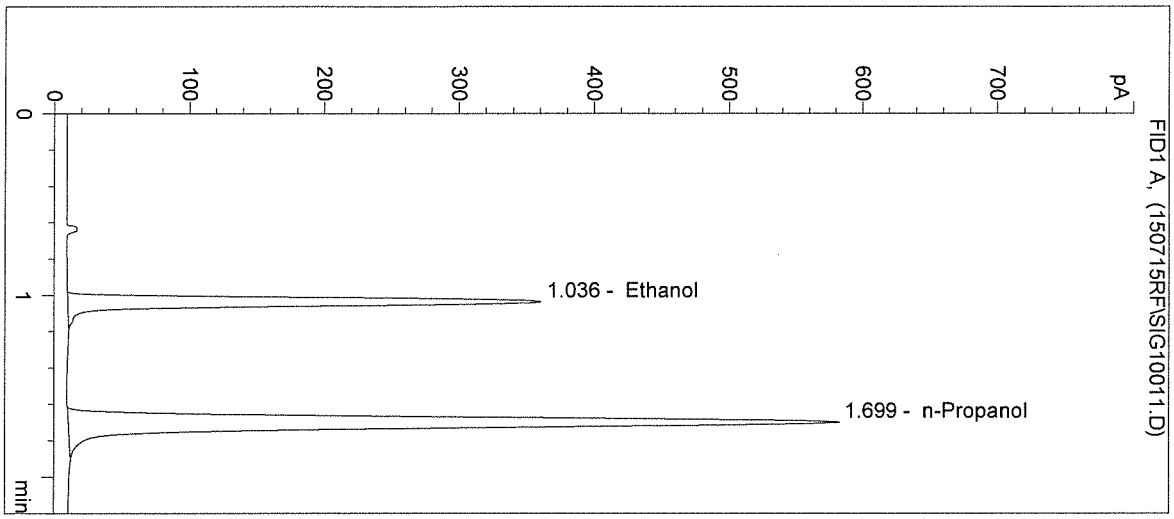


n-Propanol 0.012 g/100mL

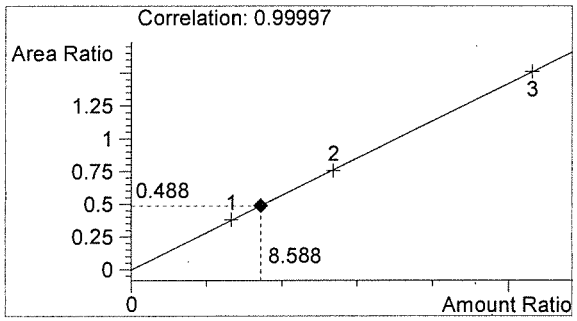
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 3:05:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

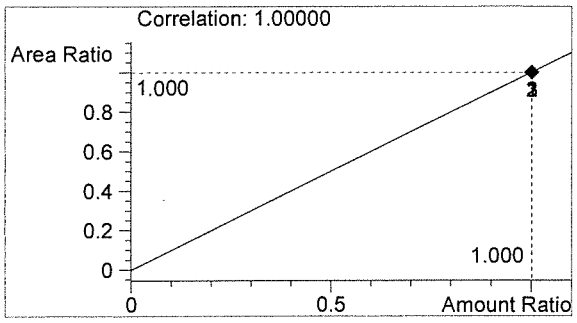
Sample Name: 15032 #2
Operator: Rebecca Flaherty
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1102	1.036
2	n-Propanol	2260	1.699



Ethanol 0.103 g/100mL

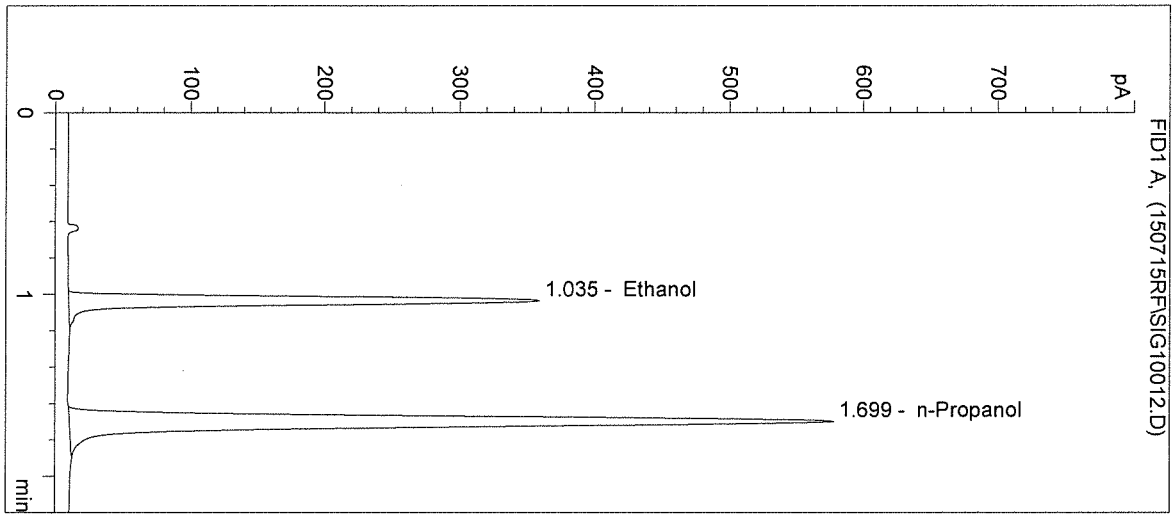


n-Propanol 0.012 g/100mL

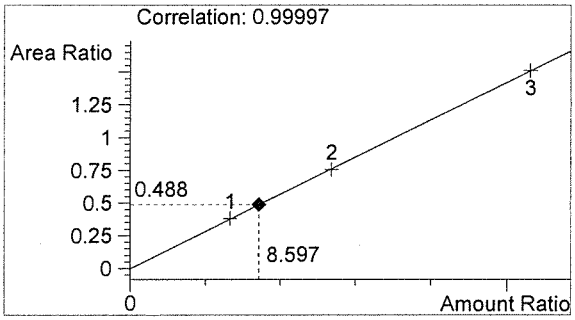
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 3:08:41 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

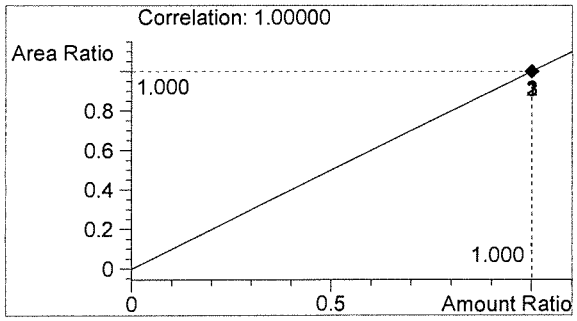
Sample Name: 15032 #3
Operator: Rebecca Flaherty
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1091	1.035
2	n-Propanol	2235	1.699



Ethanol 0.103 g/100mL

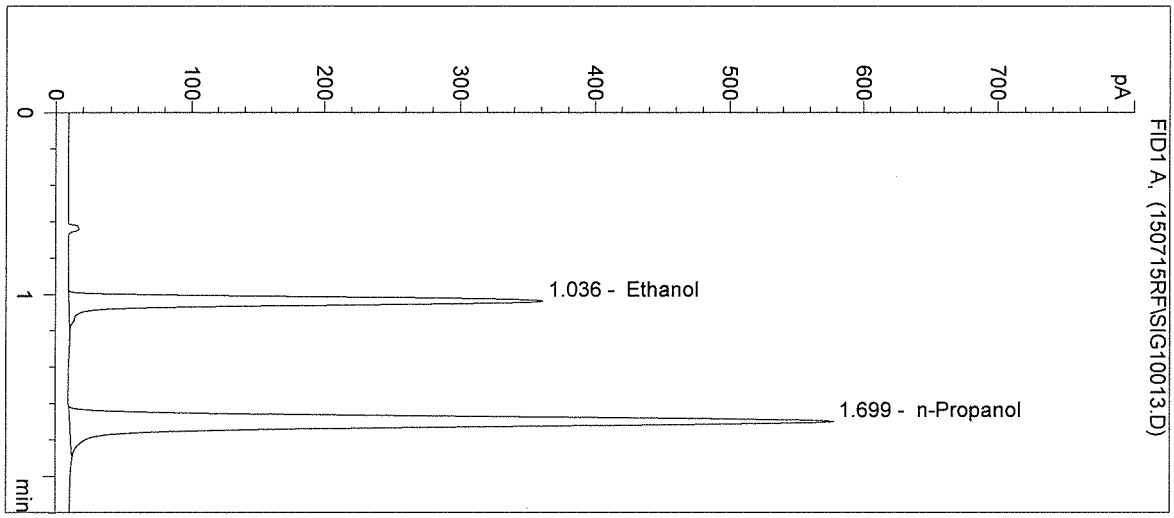


n-Propanol 0.012 g/100mL

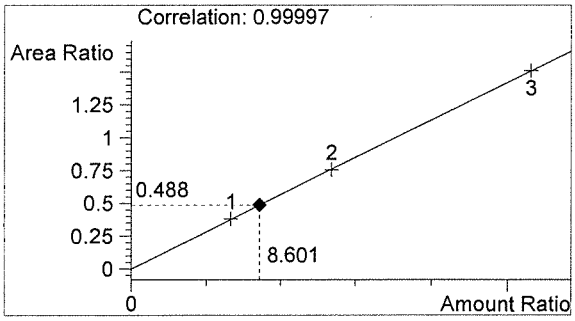
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 3:11:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

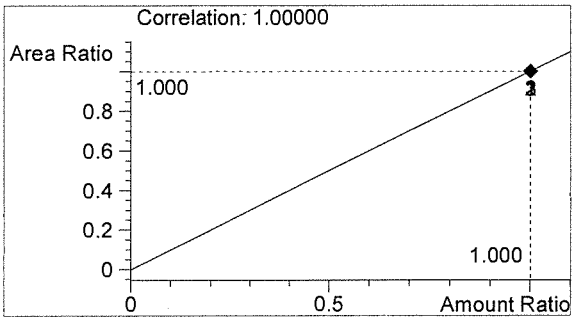
Sample Name: 15032 #4
Operator: Rebecca Flaherty
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1091	1.036
2	n-Propanol	2233	1.699



Ethanol 0.103 g/100mL

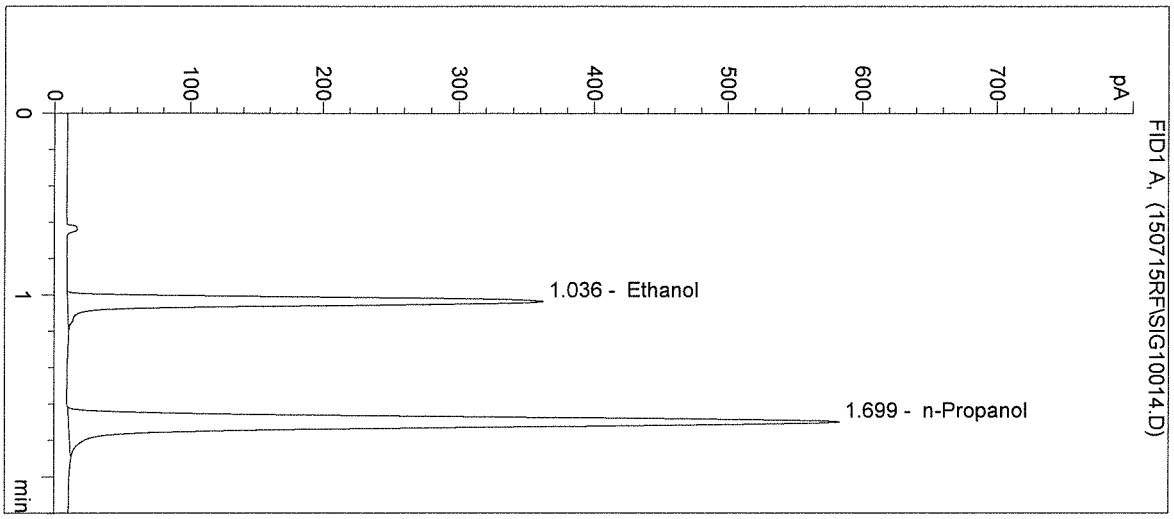


n-Propanol 0.012 g/100mL

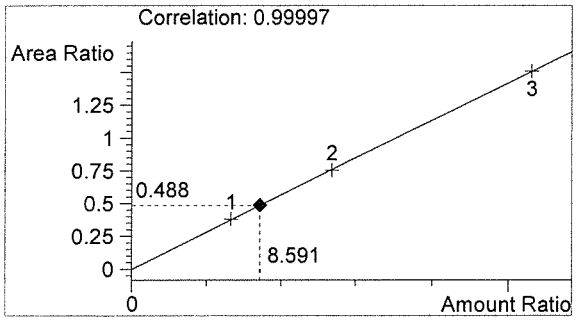
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 3:15:08 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

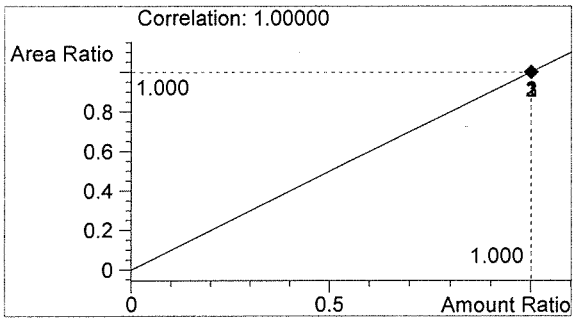
Sample Name: 15032 #5
Operator: Rebecca Flaherty
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1100	1.036
2	n-Propanol	2255	1.699



Ethanol 0.103 g/100mL

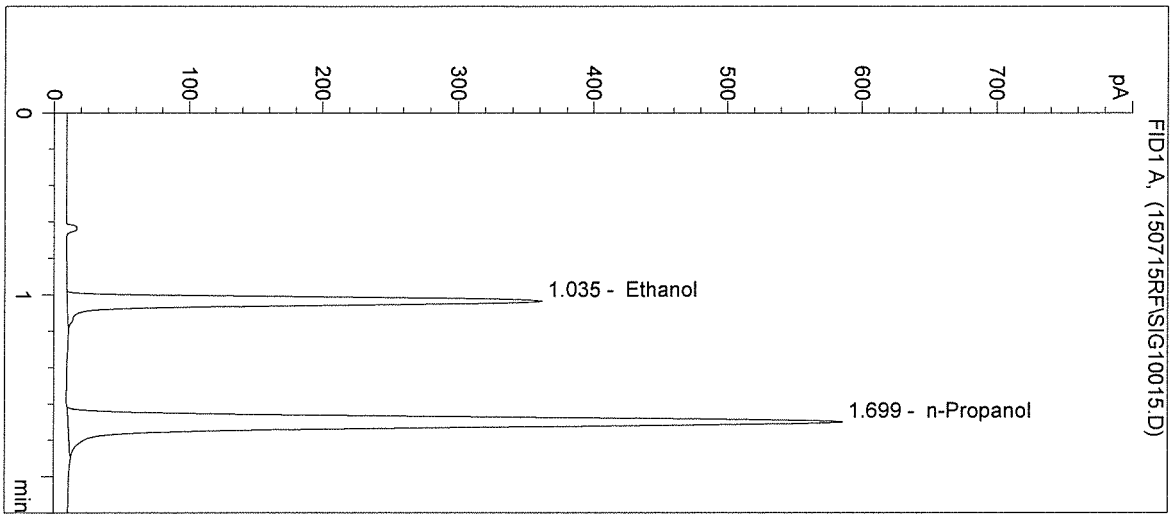


n-Propanol 0.012 g/100mL

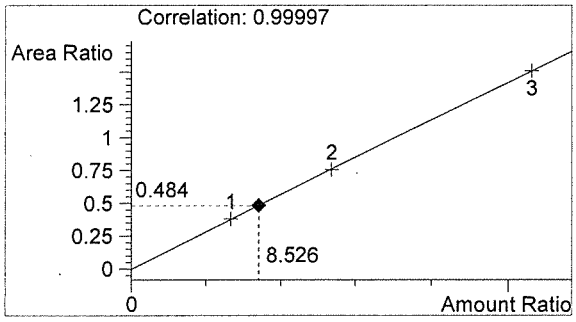
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 3:18:21 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

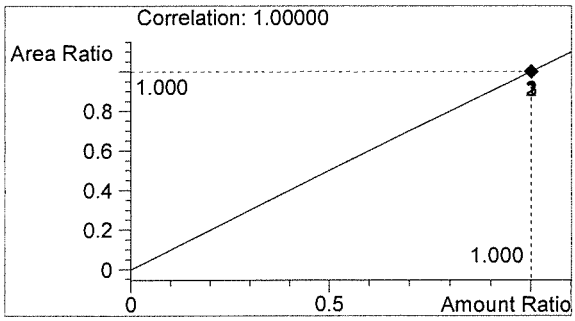
Sample Name: 0.10 CTRL
Operator: Rebecca Flaherty
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1097	1.035
2	n-Propanol	2266	1.699



Ethanol 0.102 g/100mL

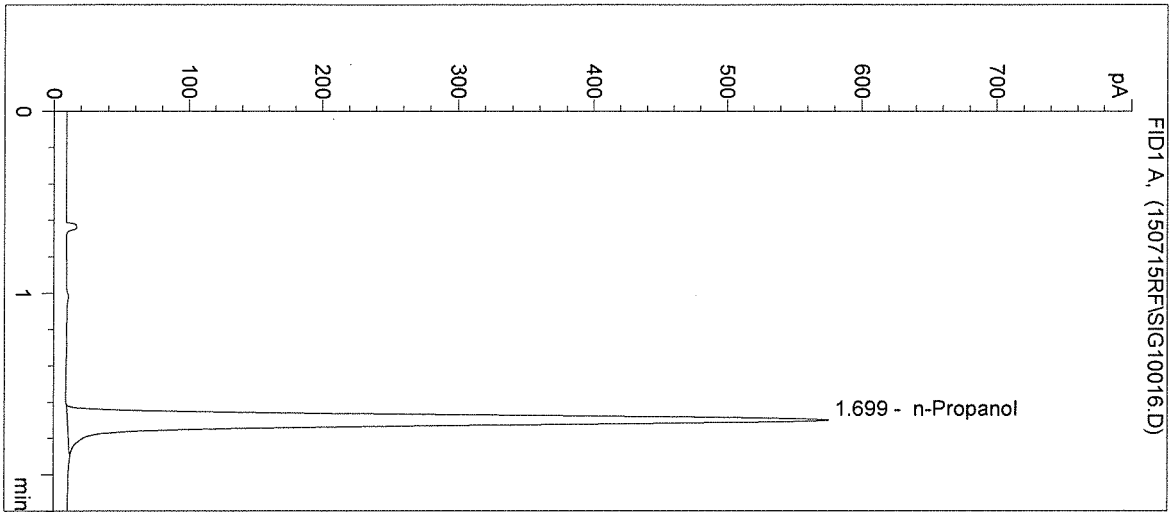


n-Propanol 0.012 g/100mL

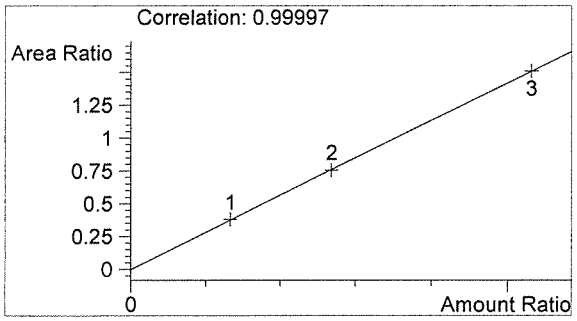
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/15/2015 3:21:34 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

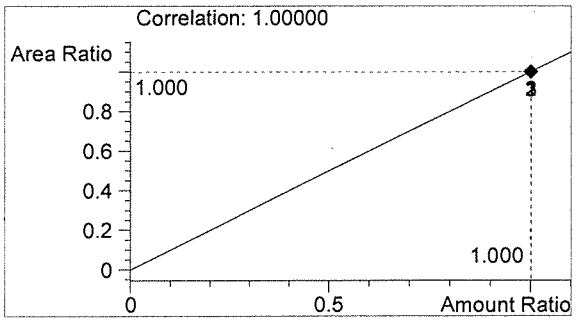
Sample Name: NEG CTRL
Operator: Rebecca Flaherty
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2229	1.699



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Sequence Parameters:

Operator:	Elizabeth Wehner
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	150716EW
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0615-01 - Exp. 12/02/2015
Ethanol Calibrator 2, E0615-02 - Exp. 12/02/2015
Ethanol Calibrator 3, E0615-03 - Exp. 12/02/2015

CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019

Internal Standard Lot#P0615 - Exp. 09/04/2015

Calibration vials 1-9 filed with 15032.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Calib		
3	Vial 3	CAL 2 (0.158)	SIMALC1	1	Calib		
4	Vial 4	CAL 3 (0.316)	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	ESS 15032 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 15032 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 15032 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 15032 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 15032 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	ESS 15033 #1	SIMALC1	1	Sample		
18	Vial 18	ESS 15033 #2	SIMALC1	1	Sample		
19	Vial 19	ESS 15033 #3	SIMALC1	1	Sample		
20	Vial 20	ESS 15033 #4	SIMALC1	1	Sample		
21	Vial 21	ESS 15033 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		

15032
7/13/15

EW

Sequence: C:\HPCHEM\1\SEQUENCE\EW-ESS2.S

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

15032
8/5/13/15

EW

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

Calibration Table

Calib. Data Modified : Thursday, July 16, 2015 12:49:24 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]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.036	1	1	7.97800e-2	848.61688	9.40118e-5		1	Ethanol
		2	1.60980e-1	1712.17883	9.40206e-5			
		3	3.18440e-1	3362.26709	9.47099e-5			
1.700	1	1	1.20000e-2	2244.73975	5.34583e-6		I1	n-Propanol
		2	1.20000e-2	2279.40918	5.26452e-6			
		3	1.20000e-2	2253.85083	5.32422e-6			

Peak Sum Table

No Entries in table

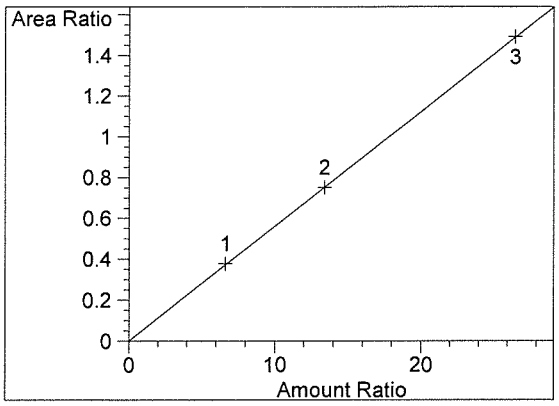
15032
RH 8/3/15

EW

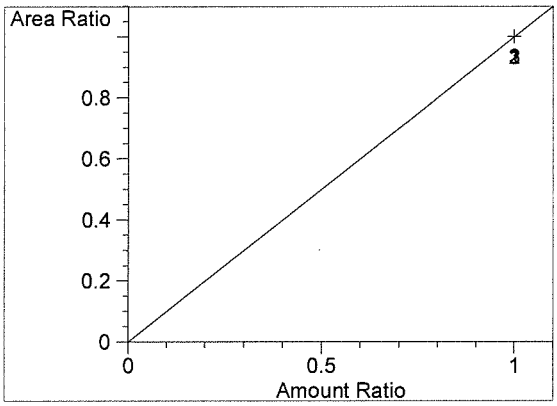
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.036
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00355
Formula: y = mx + b
m: 5.61466e-2
b: 1.13871e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.700
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

==========

15032

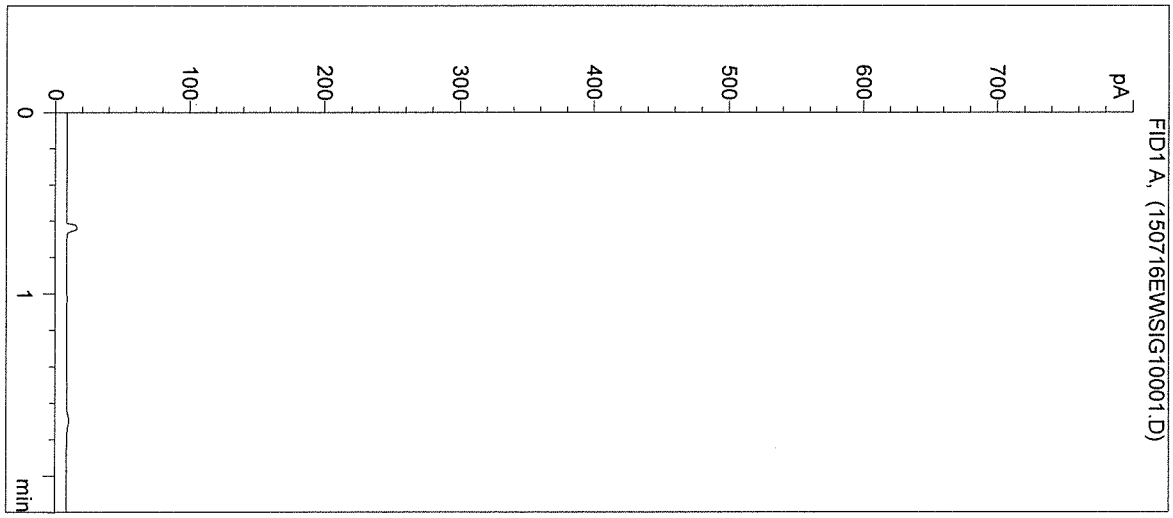
8/13/15

EW

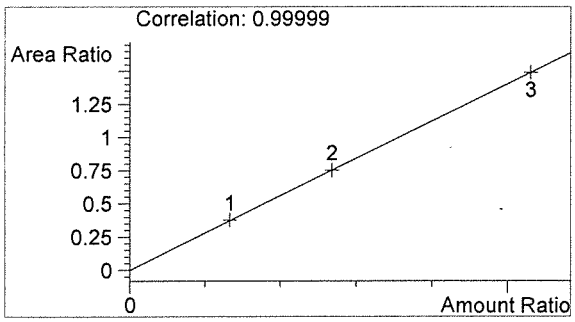
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/16/2015 12:37:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

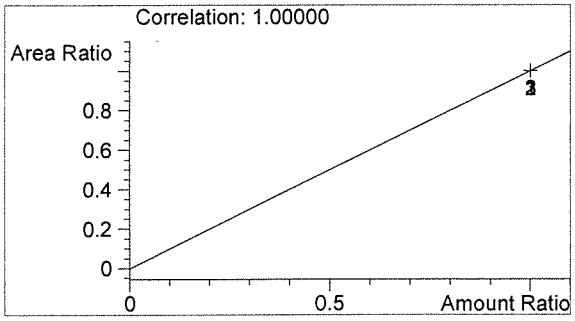
Sample Name: BLANK
Operator: Elizabeth Wehner
Location: Vial 1



#	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

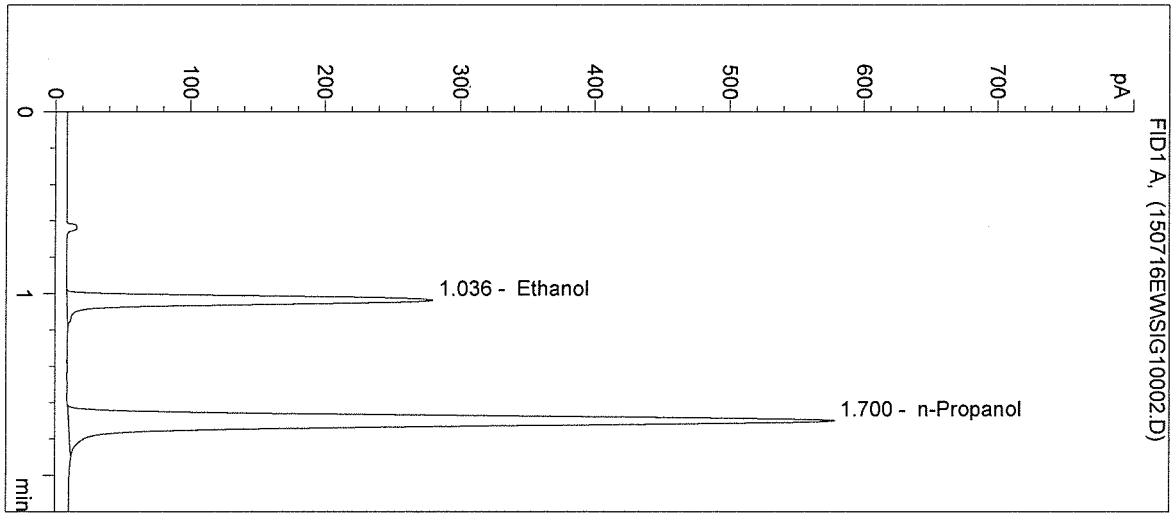
Data File: C:\HPCHEM\1\DATA\150716EW\SIG10001.D

EW

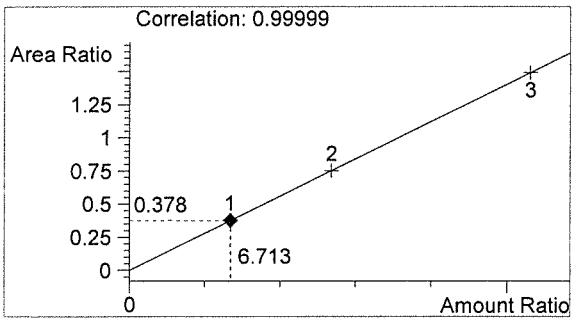
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/16/2015 12:40:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

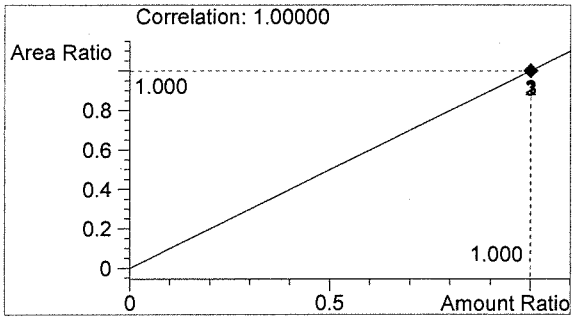
Sample Name: CAL 1 (0.079)
Operator: Elizabeth Wehner
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	849	1.036
2	n-Propanol	2245	1.700



Ethanol 0.081 g/100mL



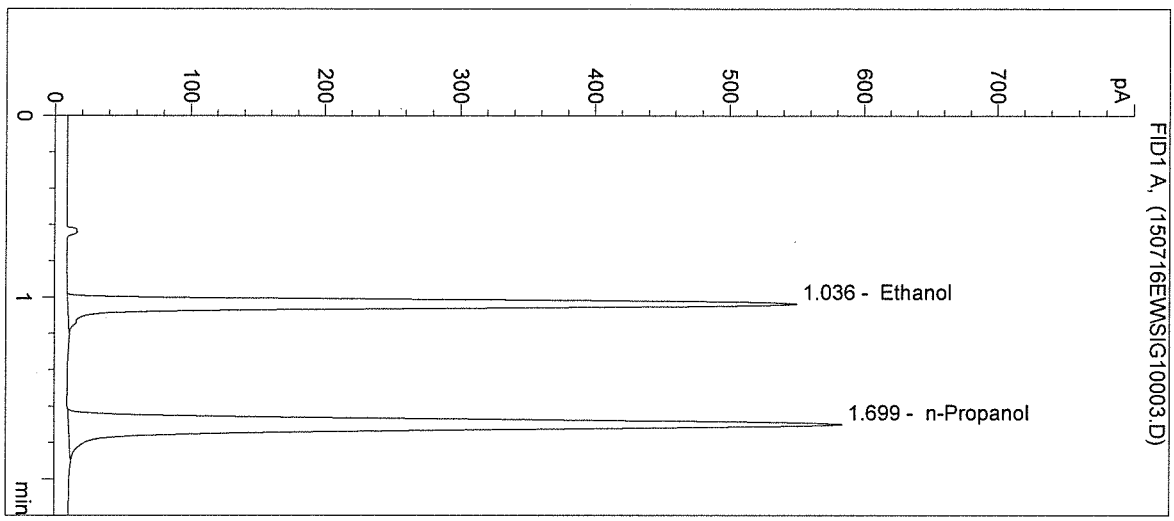
n-Propanol 0.012 g/100mL

EW

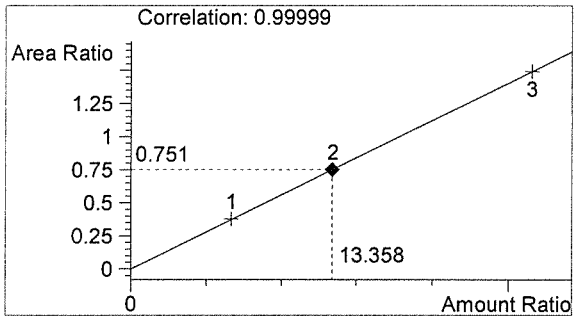
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/16/2015 12:43:54 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

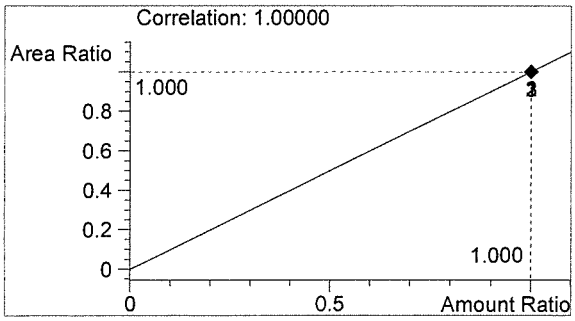
Sample Name: CAL 2 (0.158)
Operator: Elizabeth Wehner
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1712	1.036
2	n-Propanol	2279	1.699



Ethanol 0.160 g/100mL



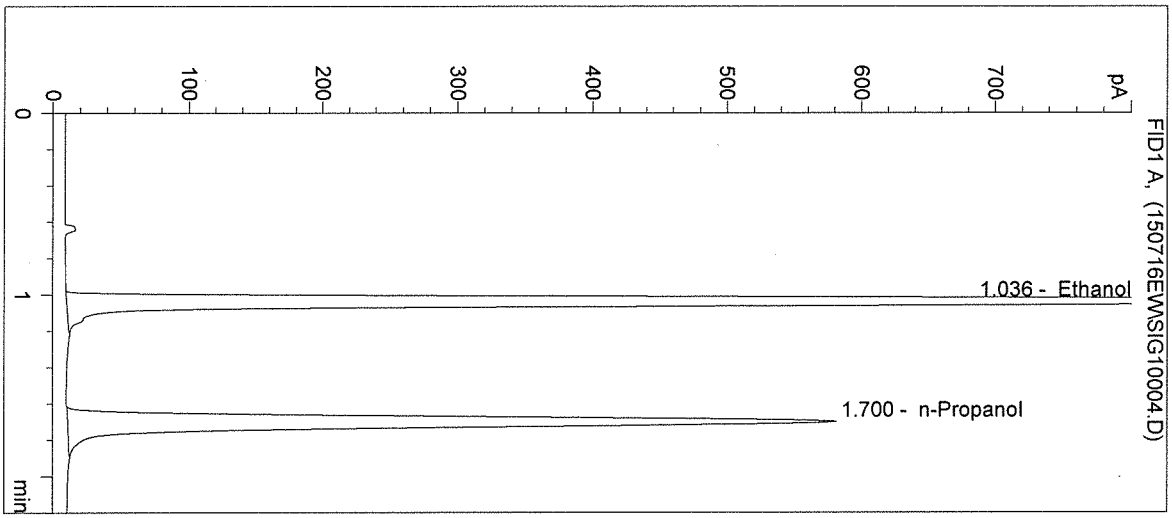
n-Propanol 0.012 g/100mL

EW

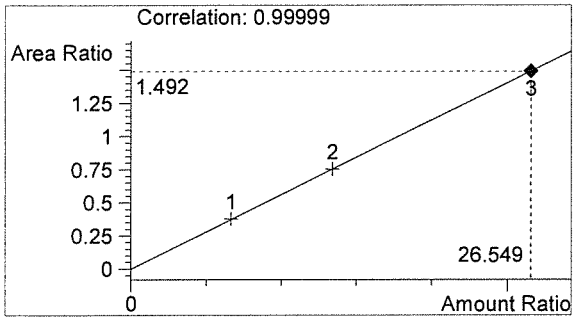
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/16/2015 12:47:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

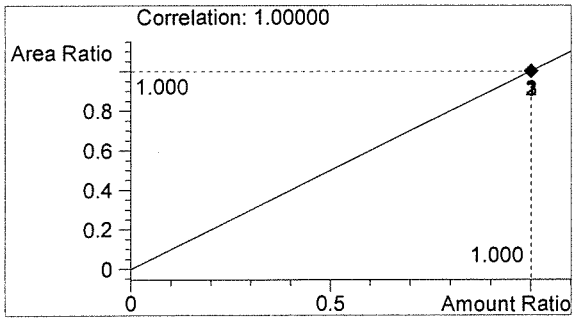
Sample Name: CAL 3 (0.316)
Operator: Elizabeth Wehner
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3362	1.036
2	n-Propanol	2254	1.700



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

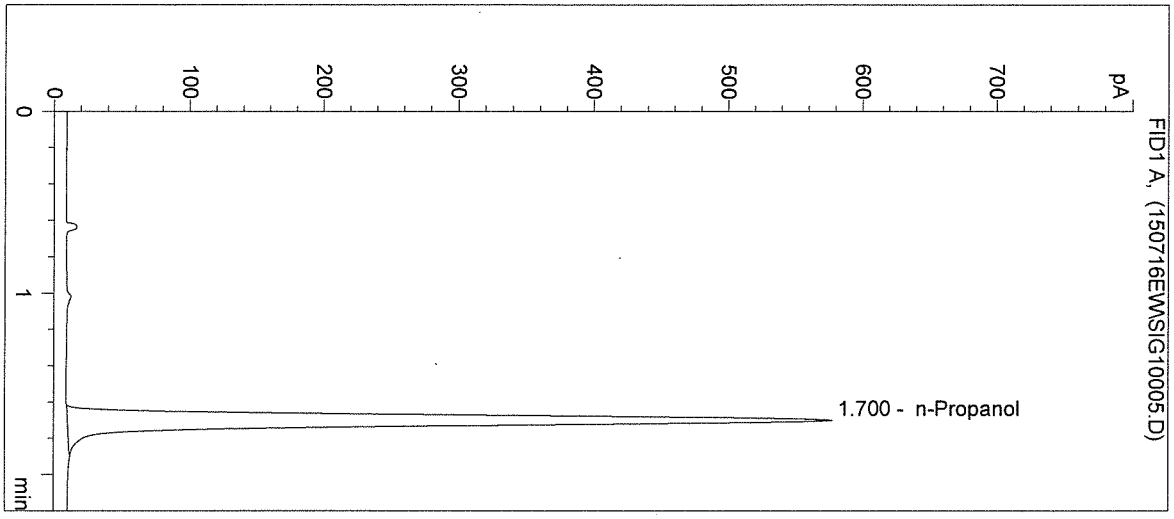
Data File: C:\HPCHEM\1\DATA\150716EW\SIG10004.D

EW

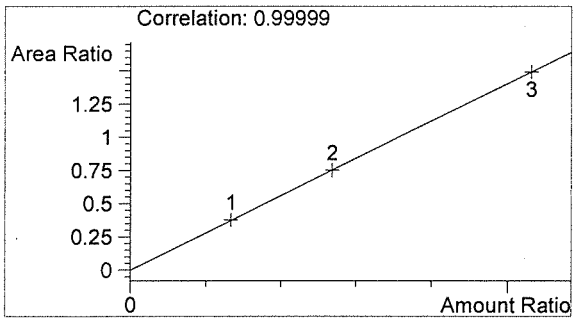
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/16/2015 12:50:25 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

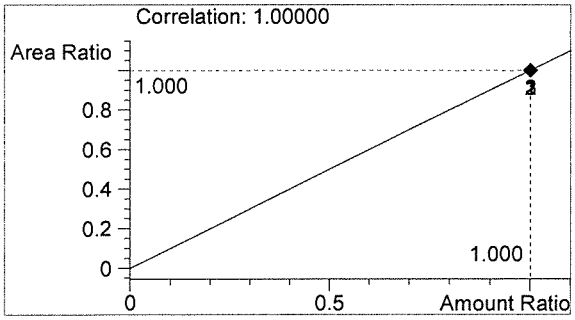
Sample Name: NEG CTRL
Operator: Elizabeth Wehner
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2238	1.700



Ethanol 0.000 g/100mL



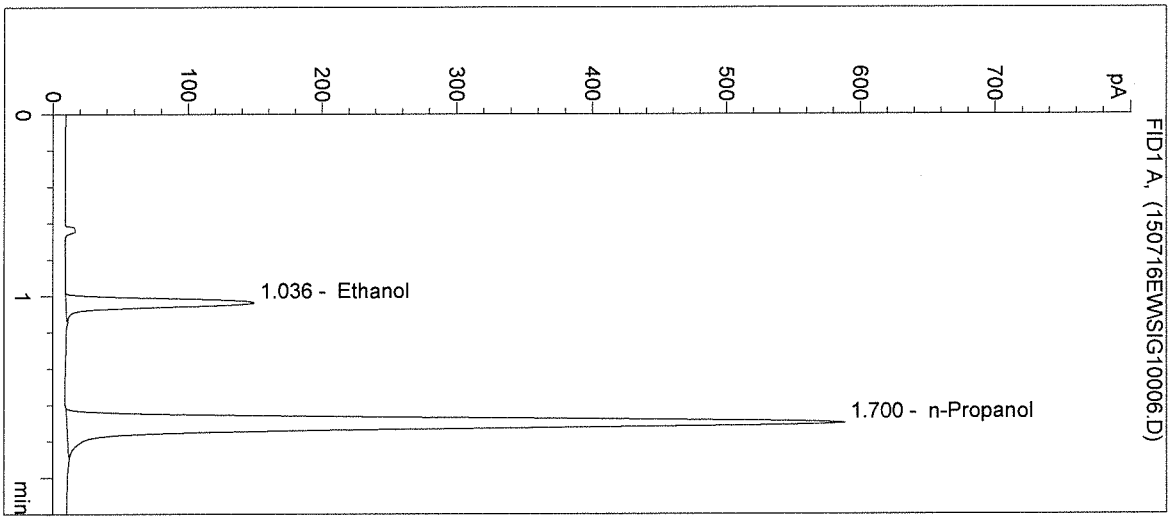
n-Propanol 0.012 g/100mL

EW

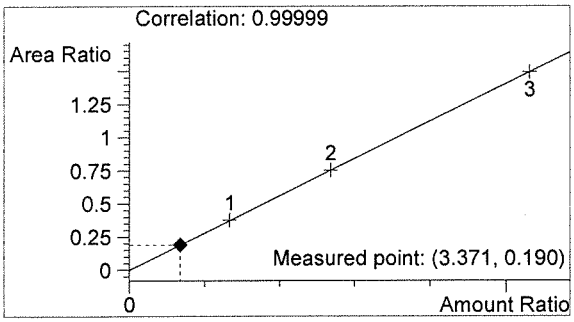
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/16/2015 12:53:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

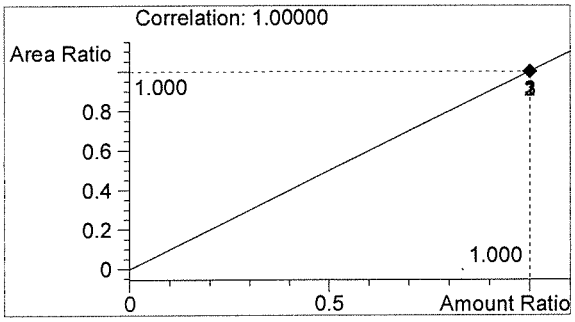
Sample Name: 0.04 CTRL
Operator: Elizabeth Wehner
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	436	1.036
2	n-Propanol	2291	1.700



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

EW

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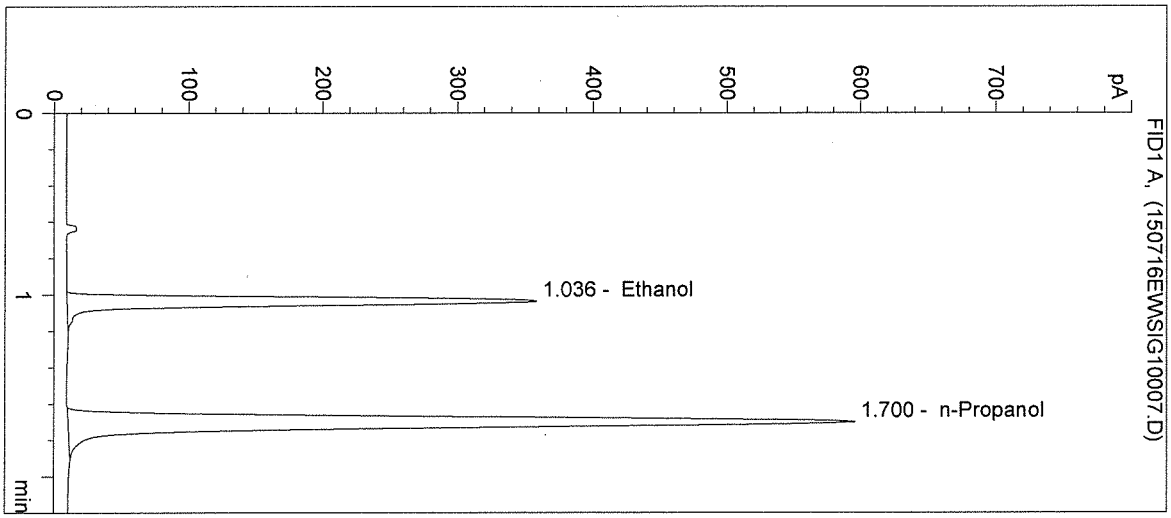
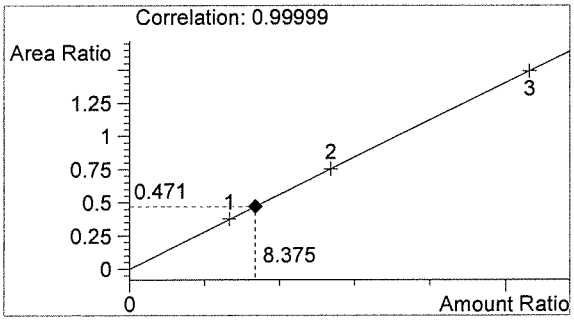
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/16/2015 12:56:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

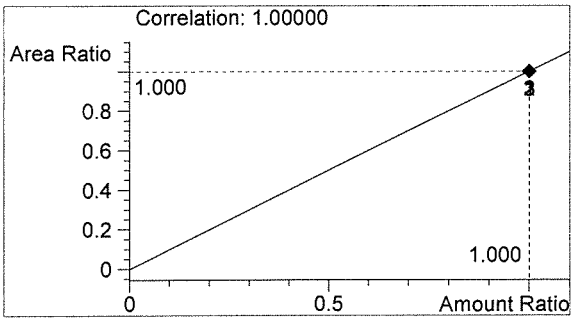
Sample Name: 0.10 CTRL
Operator: Elizabeth Wehner
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1089	1.036
2	n-Propanol	2310	1.700



Ethanol 0.101 g/100mL



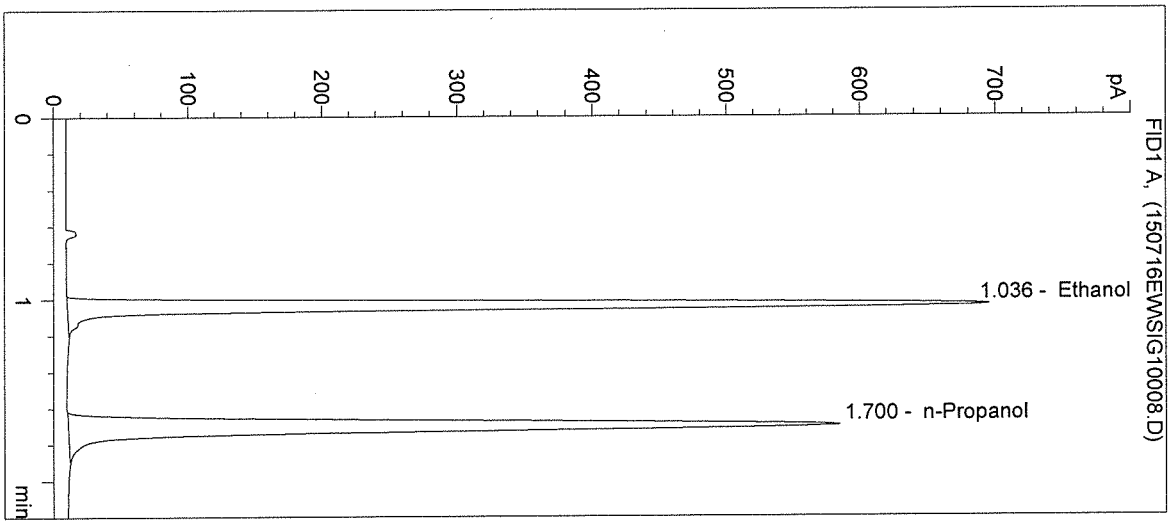
n-Propanol 0.012 g/100mL

EW

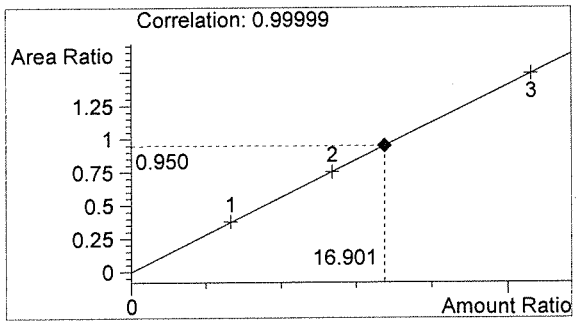
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/16/2015 1:00:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

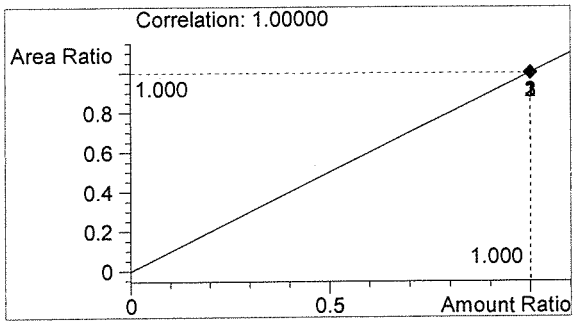
Sample Name: 0.20 CTRL
Operator: Elizabeth Wehner
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2158	1.036
2	n-Propanol	2271	1.700



Ethanol 0.203 g/100mL



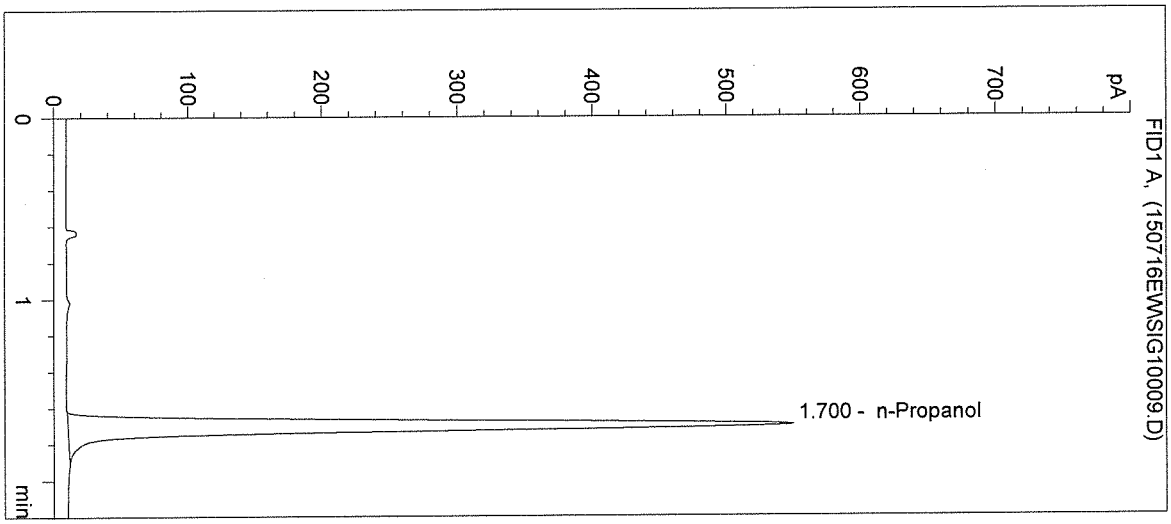
n-Propanol 0.012 g/100mL

EW

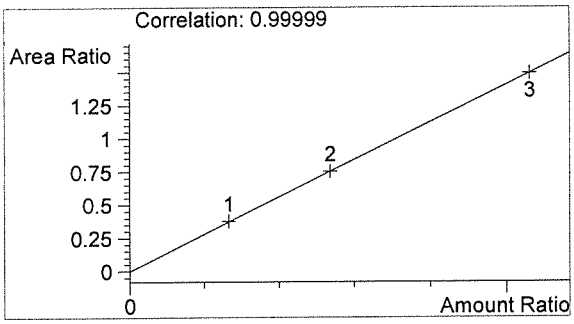
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/16/2015 1:03:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

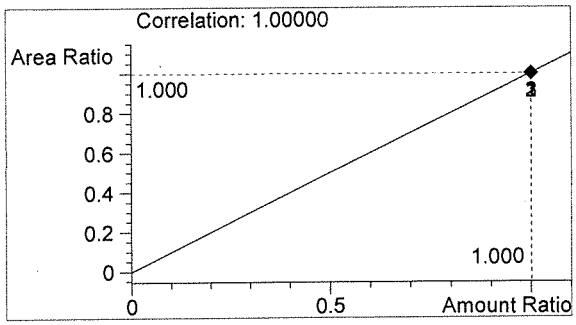
Sample Name: NEG CTRL
Operator: Elizabeth Wehner
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2140	1.700



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

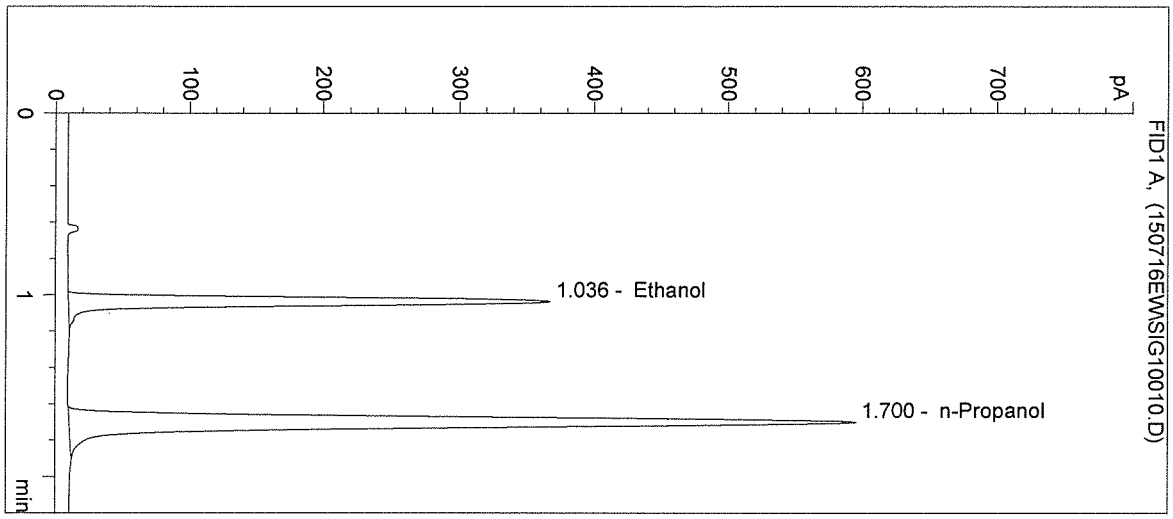
Data File: C:\HPCHEM\1\DATA\150716EW\SIG10009.D

EW

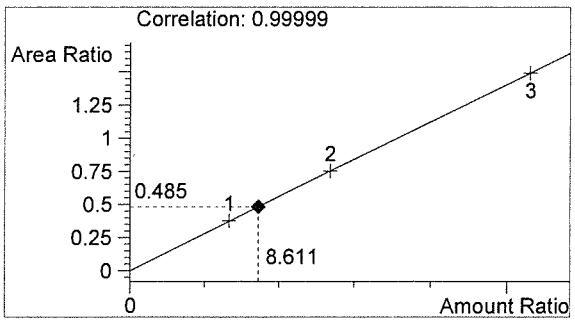
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/16/2015 1:06:31 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

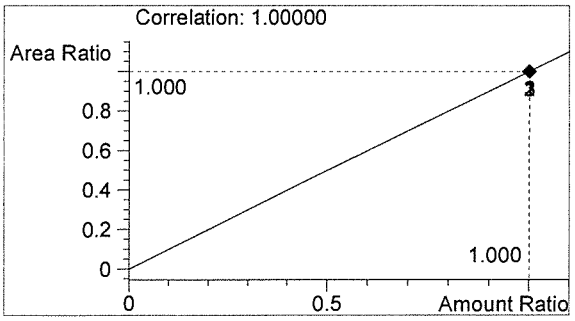
Sample Name: ESS 15032 #1
Operator: Elizabeth Wehner
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1121	1.036
2	n-Propanol	2313	1.700



Ethanol 0.103 g/100mL



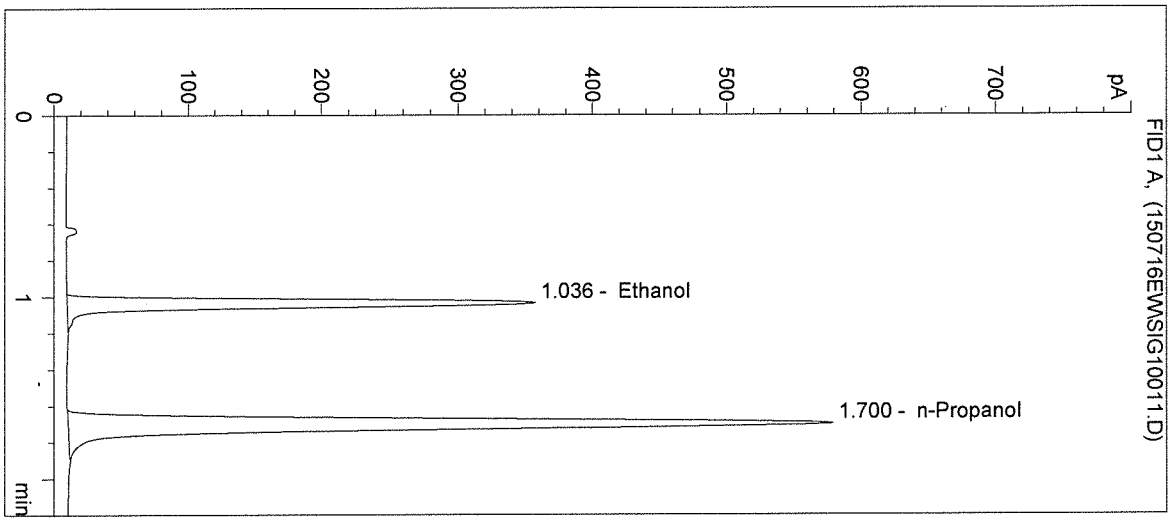
n-Propanol 0.012 g/100mL

EW

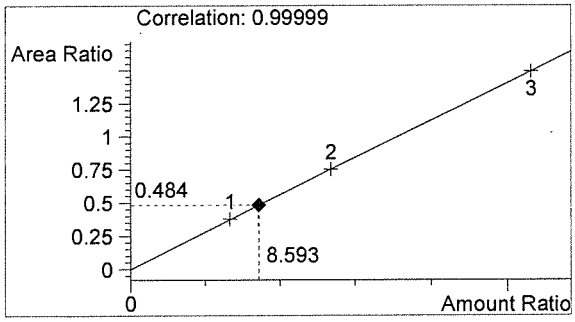
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/16/2015 1:09:44 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

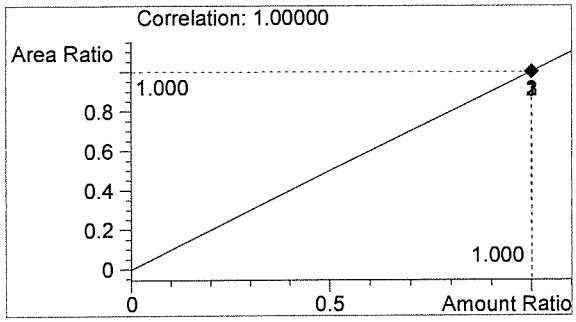
Sample Name: ESS 15032 #2
Operator: Elizabeth Wehner
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1090	1.036
2	n-Propanol	2254	1.700



Ethanol 0.103 g/100mL

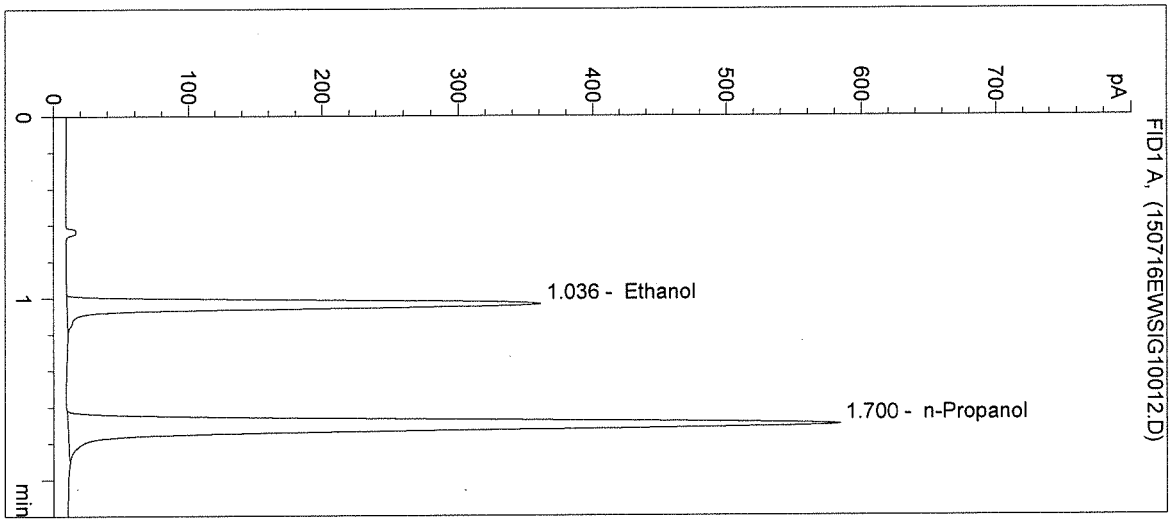


n-Propanol 0.012 g/100mL

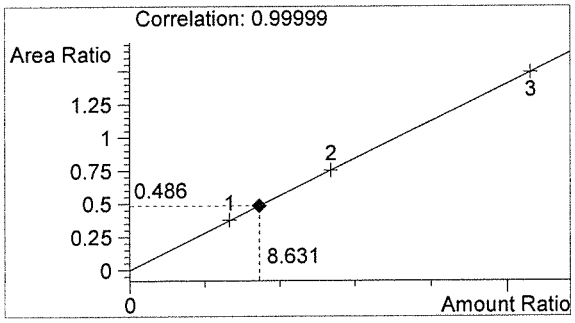
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/16/2015 1:12:58 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

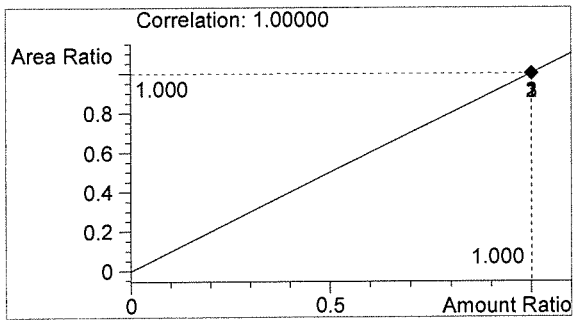
Sample Name: ESS 15032 #3
Operator: Elizabeth Wehner
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1099	1.036
2	n-Propanol	2264	1.700



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

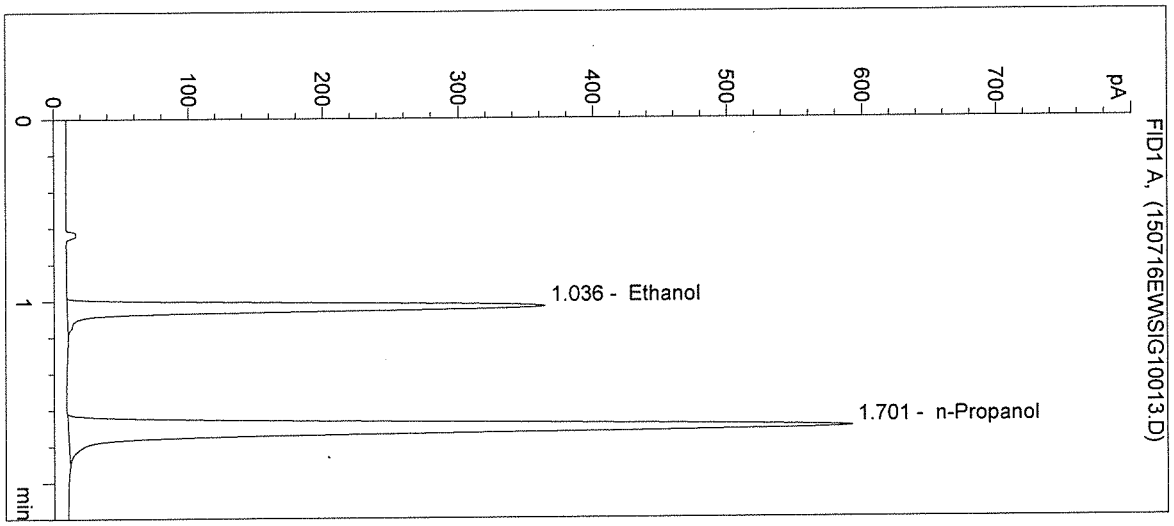
Data File: C:\HPCHEM\1\DATA\150716EW\SIG10012.D

EW

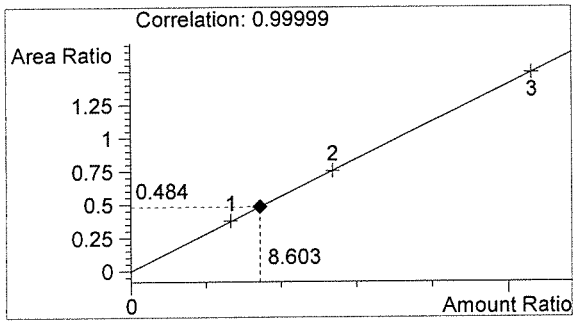
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/16/2015 1:16:12 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

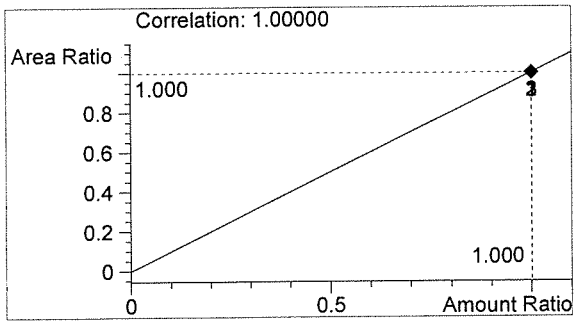
Sample Name: ESS 15032 #4
Operator: Elizabeth Wehner
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.036
2	n-Propanol	2304	1.701



Ethanol 0.103 g/100mL



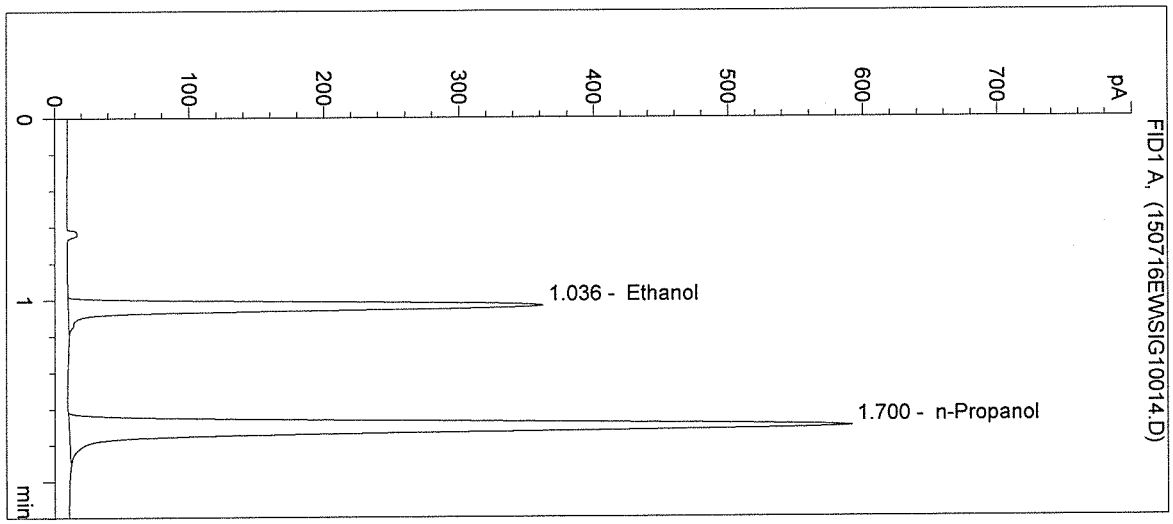
n-Propanol 0.012 g/100mL

EW

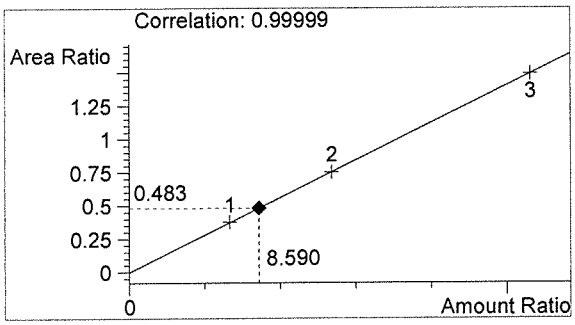
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/16/2015 1:19:25 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

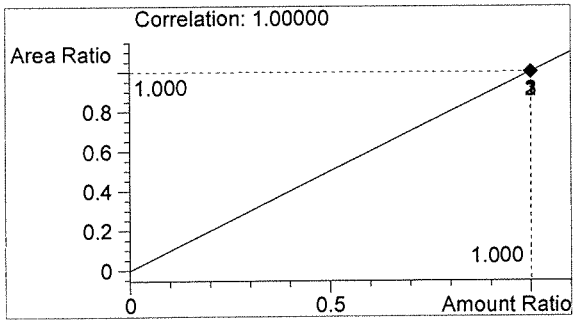
Sample Name: ESS 15032 #5
Operator: Elizabeth Wehner
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.036
2	n-Propanol	2307	1.700



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

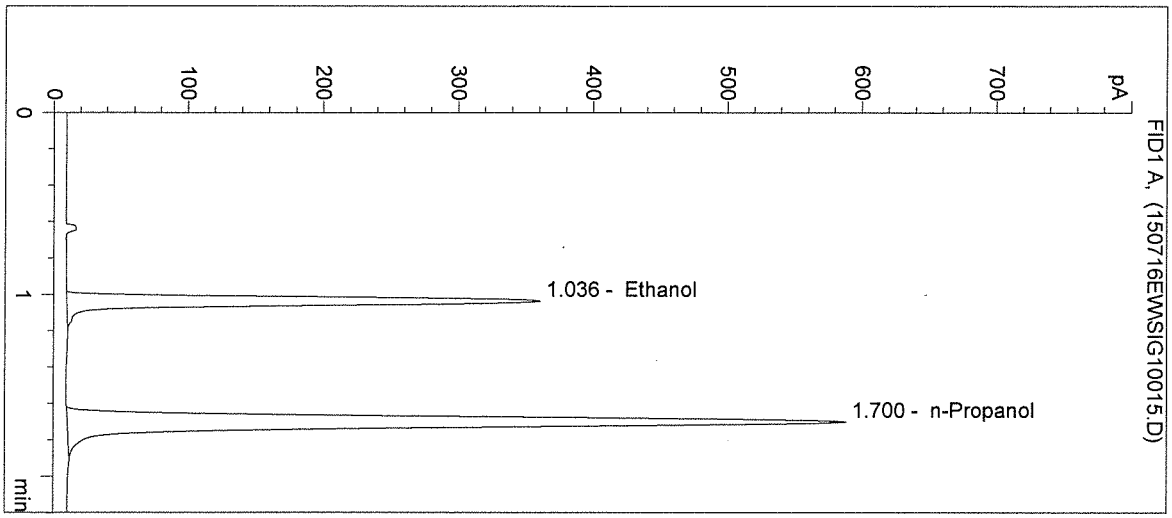
EW

Data File: C:\HPCHEM\1\DATA\150716EW\SIG10014.D

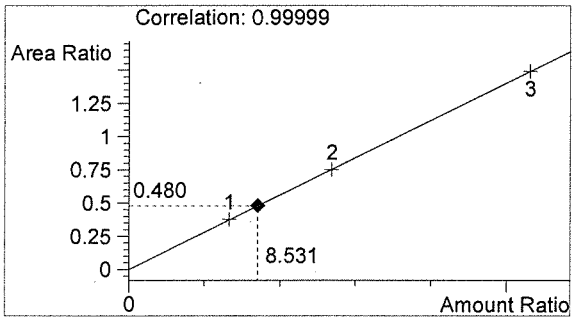
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/16/2015 1:22:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

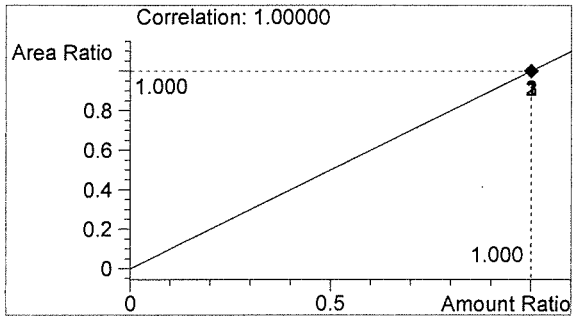
Sample Name: 0.10 CTRL
Operator: Elizabeth Wehner
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1096	1.036
2	n-Propanol	2284	1.700



Ethanol 0.102 g/100mL



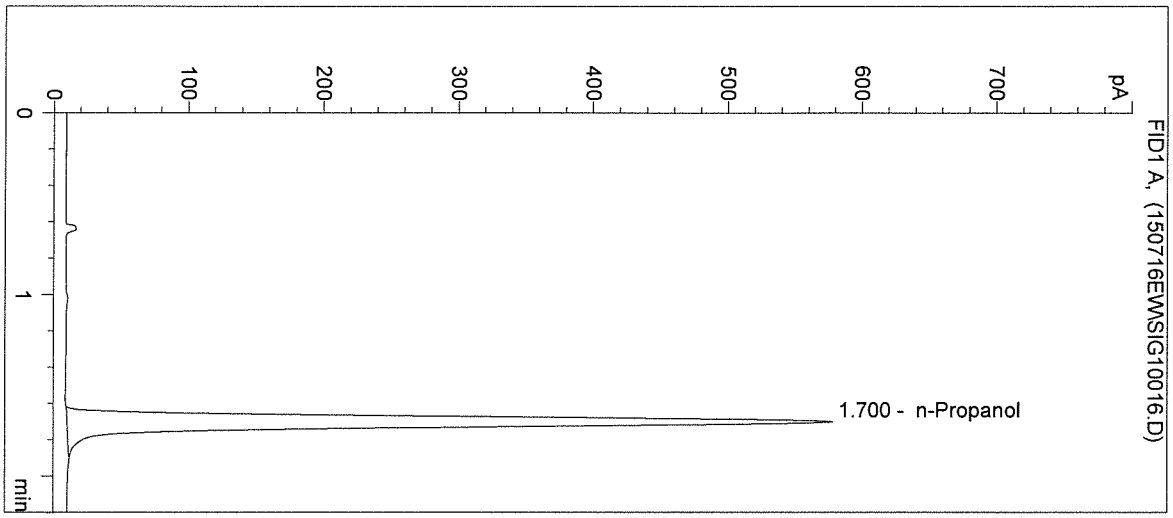
n-Propanol 0.012 g/100mL

EW

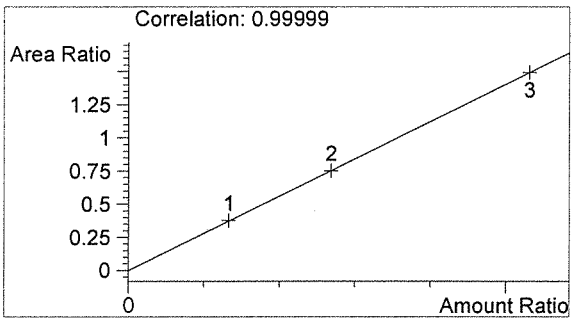
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/16/2015 1:25:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

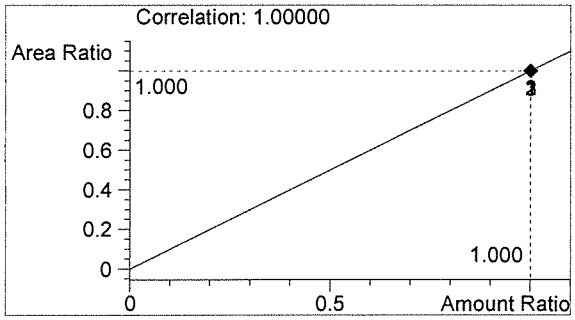
Sample Name: NEG CTRL
Operator: Elizabeth Wehner
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2249	1.700



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\150716EW\SIG10016.D

EW

Sequence: C:\HPCHEM\1\SEQUENCE\KHESS.S

Sequence Parameters:

Operator:	Katie Harris
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	150720KH
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0615-01 - Exp. 12/02/2015
Ethanol Calibrator 2, E0615-02 - Exp. 12/02/2015
Ethanol Calibrator 3, E0615-03 - Exp. 12/02/2015
CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019
Internal Standard Lot#P0615 - Exp. 09/04/2015

Calibration vials 1-9 filed with 15032.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	15032-1	SIMALC1	1	Sample		
11	Vial 11	15032-2	SIMALC1	1	Sample		
12	Vial 12	15032-3	SIMALC1	1	Sample		
13	Vial 13	15032-4	SIMALC1	1	Sample		
14	Vial 14	15032-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	15033-1	SIMALC1	1	Sample		
18	Vial 18	15033-2	SIMALC1	1	Sample		
19	Vial 19	15033-3	SIMALC1	1	Sample		
20	Vial 20	15033-4	SIMALC1	1	Sample		
21	Vial 21	15033-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		

15032
fm 8/3/15

KH

Calibration Part:

Sequence: C:\HPCHEM\1\SEQUENCE\KHESS.S

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

Sequence Table (Back Injector):

No entries - empty table!

15032

fn 8/3/15

KH

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

Calibration Table

Calib. Data Modified : Monday, July 20, 2015 1:24:04 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
1.036	1	1	7.97800e-2	945.40723	8.43869e-5	1		Ethanol
		2	1.60980e-1	2026.88416	7.94224e-5			
		3	3.18440e-1	3585.64966	8.88096e-5			
1.700	1	1	1.20000e-2	2389.04443	5.02293e-6	I1		n-Propanol
		2	1.20000e-2	2602.58228	4.61081e-6			
		3	1.20000e-2	2300.39673	5.21649e-6			

Peak Sum Table

No Entries in table

15032
fn 8/31/15

KH

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

==========

Calibration Curves

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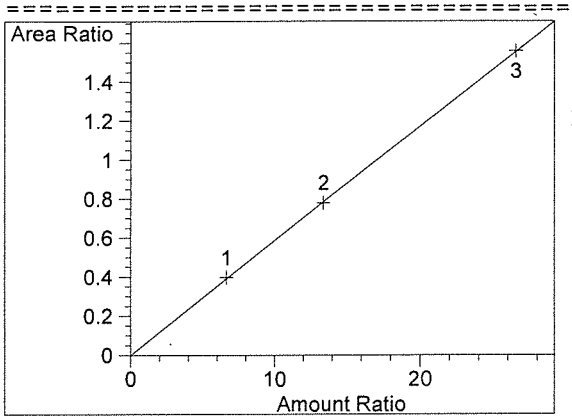
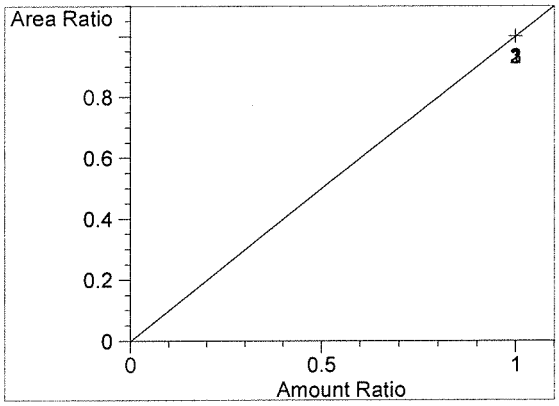


Ethanol at exp. RT: 1.036
FID1 A,
Correlation: 0.99996
Residual Std. Dev.: 0.00717
Formula: y = mx + b
m: 5.86283e-2
b: 2.88979e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.700
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

==========

15032

fnst/3115

KH

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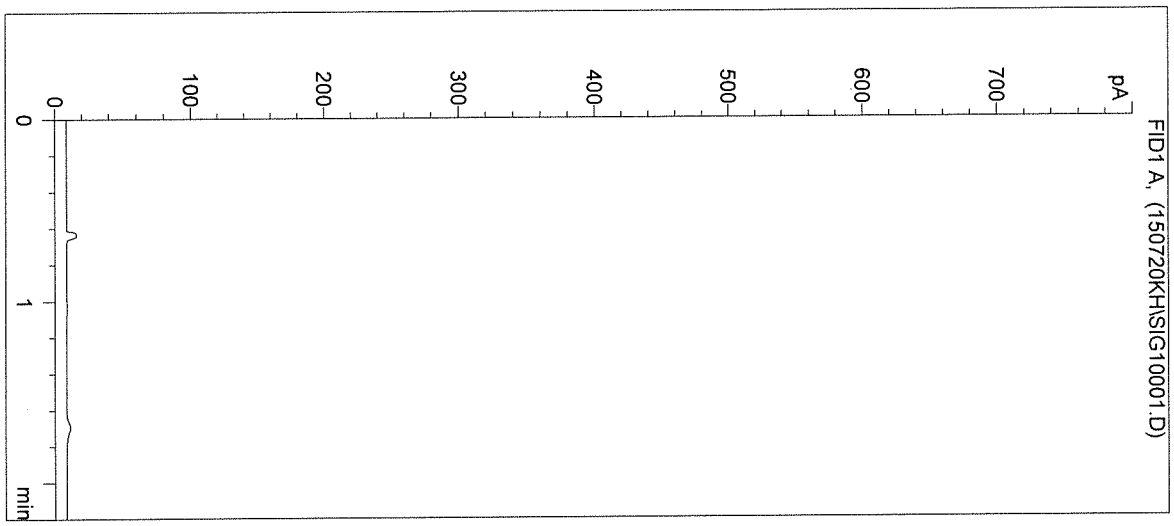
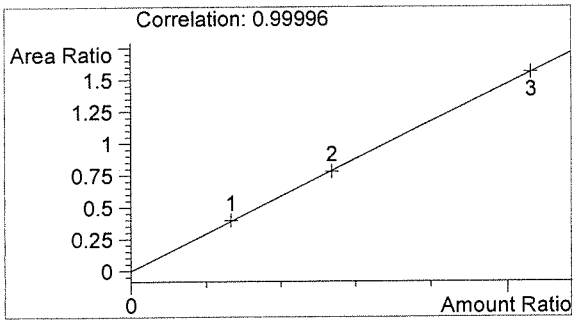
Inj. Date: 7/20/2015 1:11:59 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

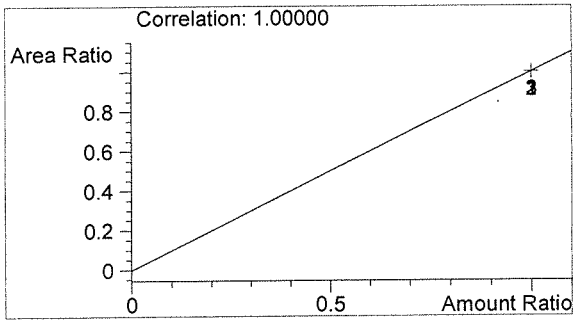
Sample Name: BLANK
Operator: Katie Harris
Location: Vial 1



#	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

KH

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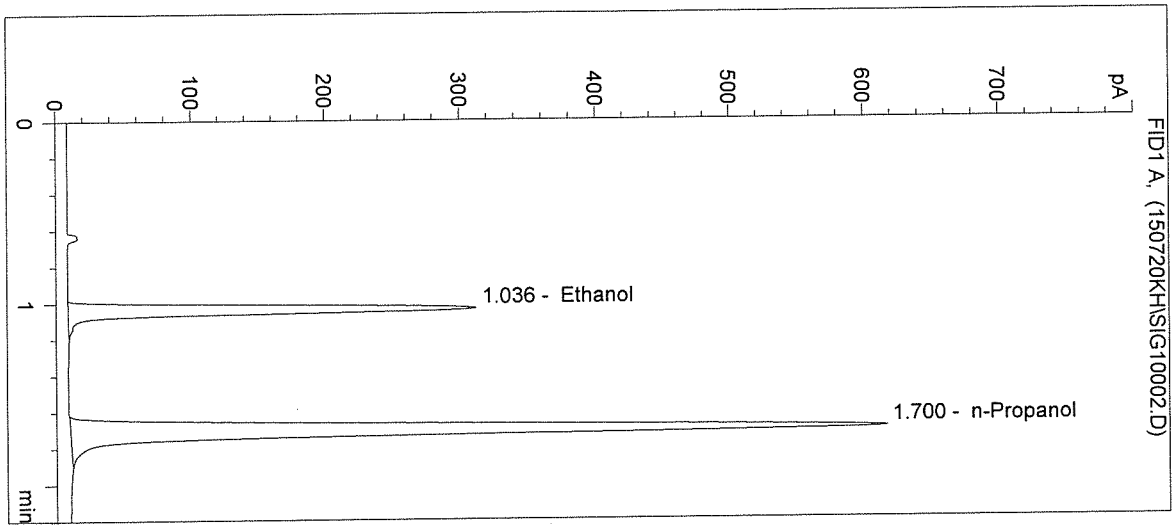
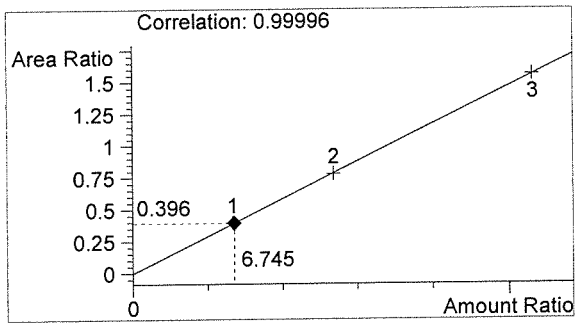
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/20/2015 1:15:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

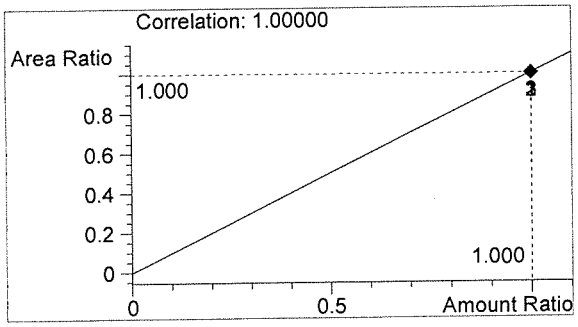
Sample Name: 0.079 CAL 1
Operator: Katie Harris
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	945	1.036
2	n-Propanol	2389	1.700



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

KH

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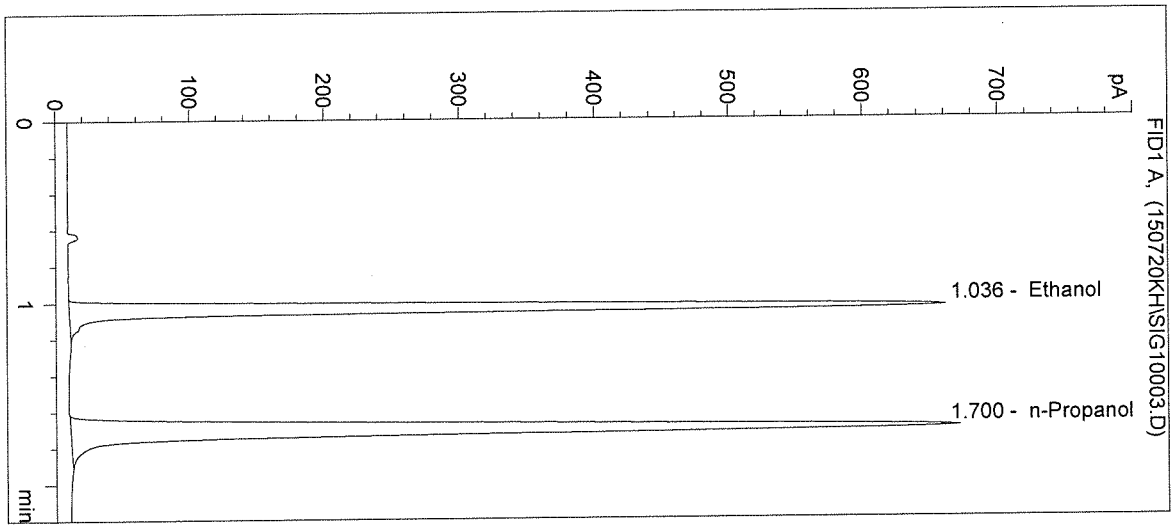
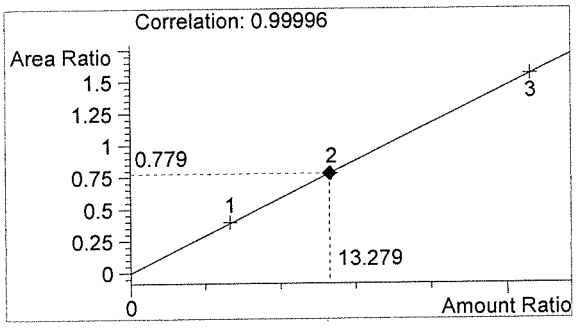
Inj. Date: 7/20/2015 1:18:34 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

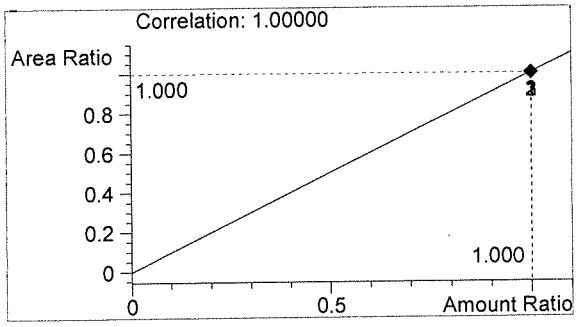
Sample Name: 0.158 CAL 2
Operator: Katie Harris
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	2027	1.036
2	n-Propanol	2603	1.700



Ethanol 0.159 g/100mL



n-Propanol 0.012 g/100mL

KH

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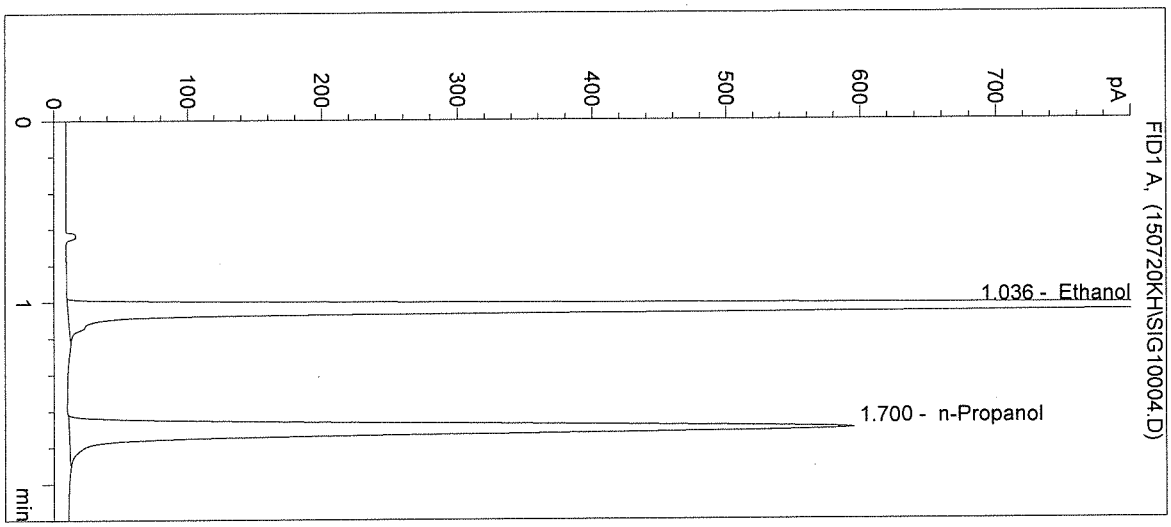
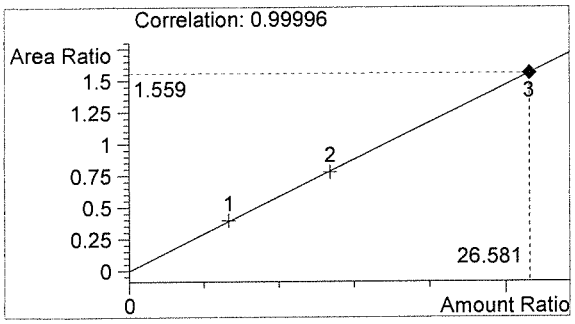
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/20/2015 1:21:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

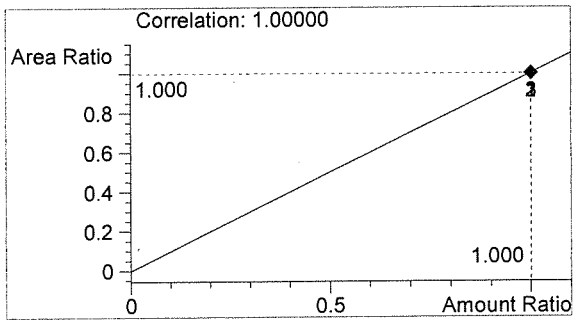
Sample Name: 0.316 CAL 3
Operator: Katie Harris
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3586	1.036
2	n-Propanol	2300	1.700



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\150720KH\SIG10004.D

KH

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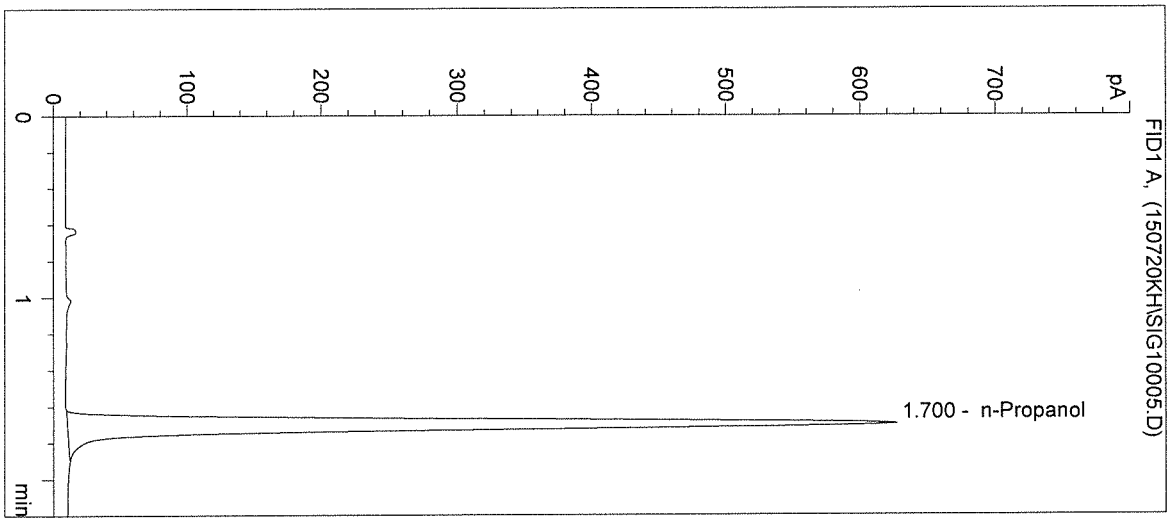
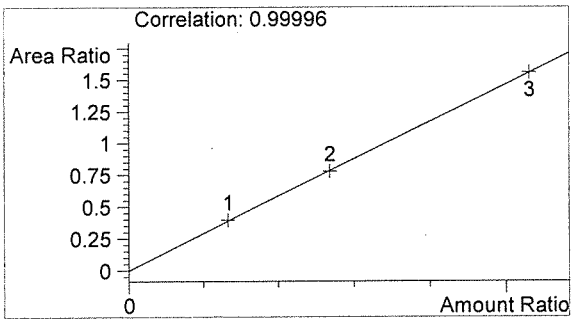
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/20/2015 1:25:03 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

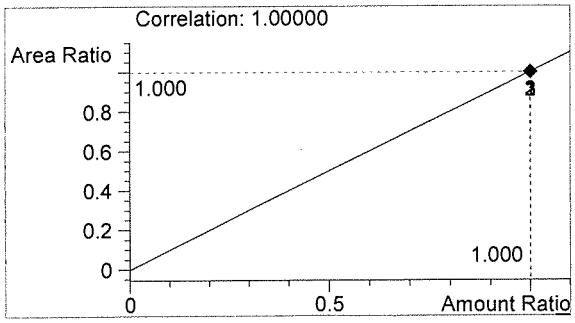
Sample Name: NEG CTRL
Operator: Katie Harris
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2430	1.700



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

KH

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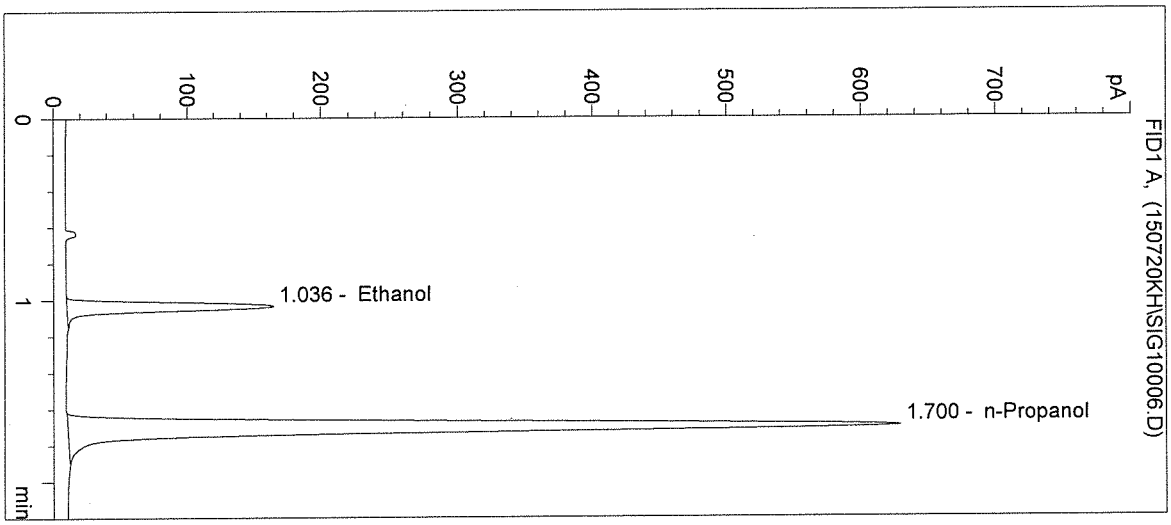
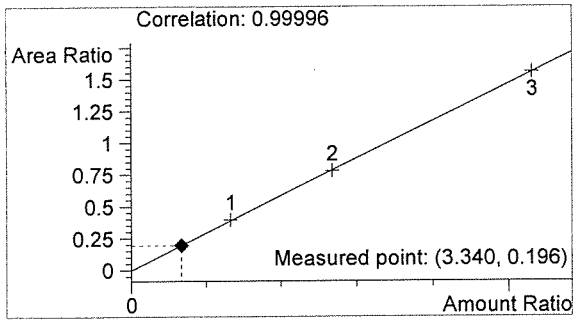
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/20/2015 1:28:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

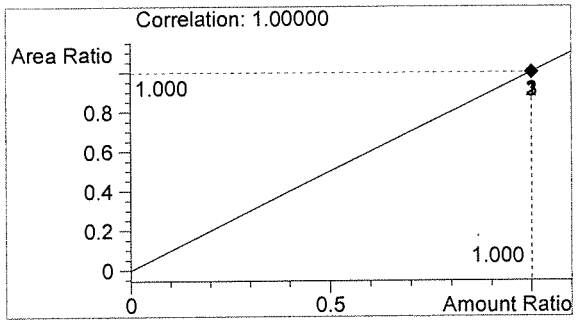
Sample Name: 0.04 CTRL
Operator: Katie Harris
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	478	1.036
2	n-Propanol	2438	1.700



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

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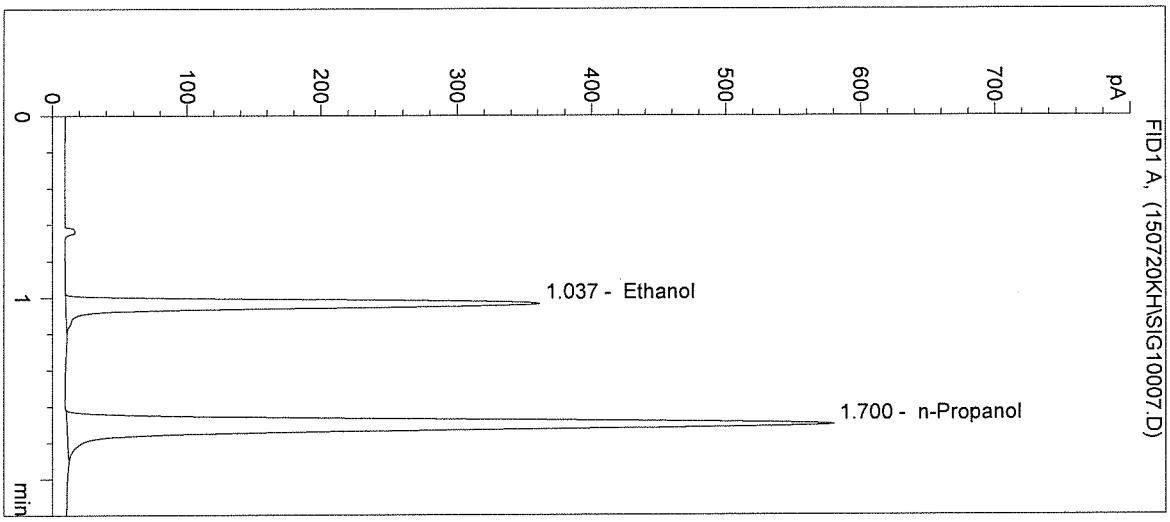
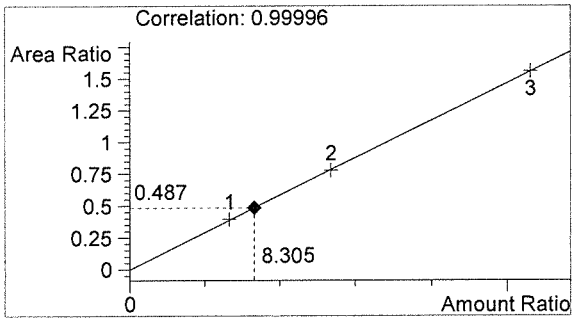
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/20/2015 1:31:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

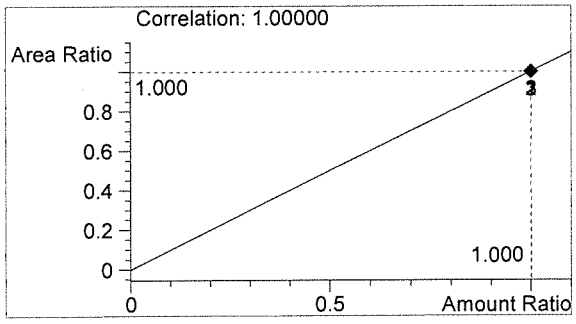
Sample Name: 0.10 CTRL
Operator: Katie Harris
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1094	1.037
2	n-Propanol	2245	1.700



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

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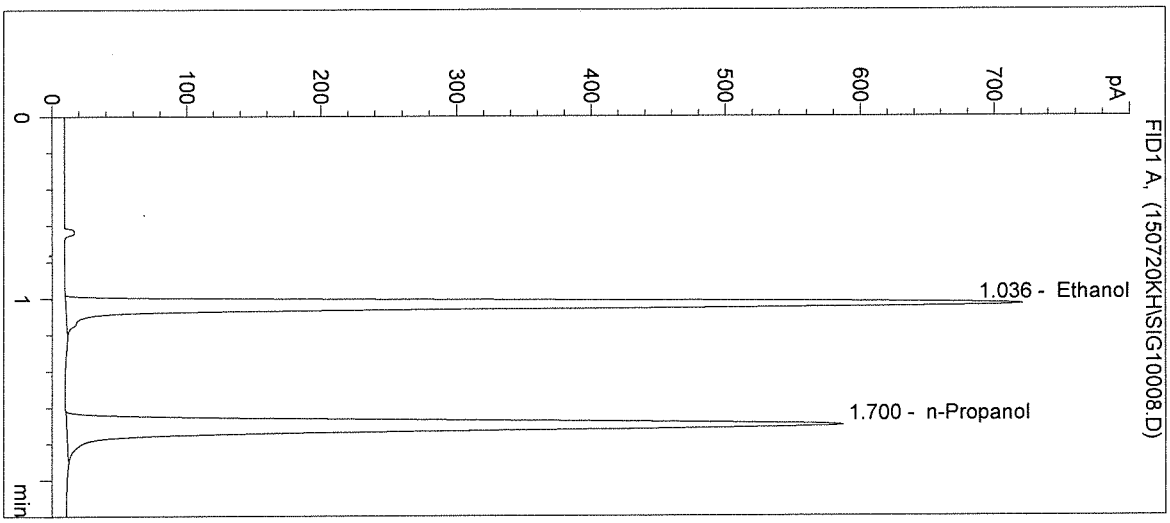
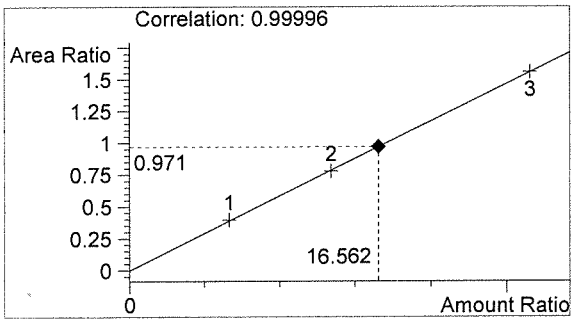
Inj. Date: 7/20/2015 1:34:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

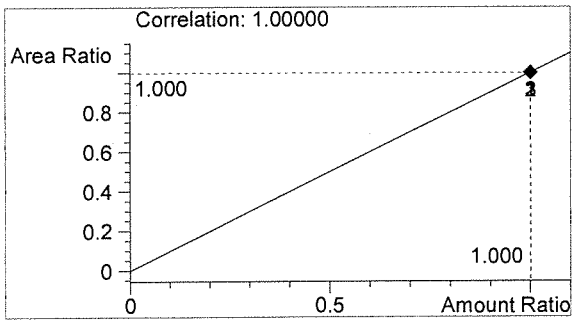
Sample Name: 0.20 CTRL
Operator: Katie Harris
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2201	1.036
2	n-Propanol	2266	1.700



Ethanol 0.199 g/100mL



n-Propanol 0.012 g/100mL

KH

Washington State Patrol Toxicology Laboratory
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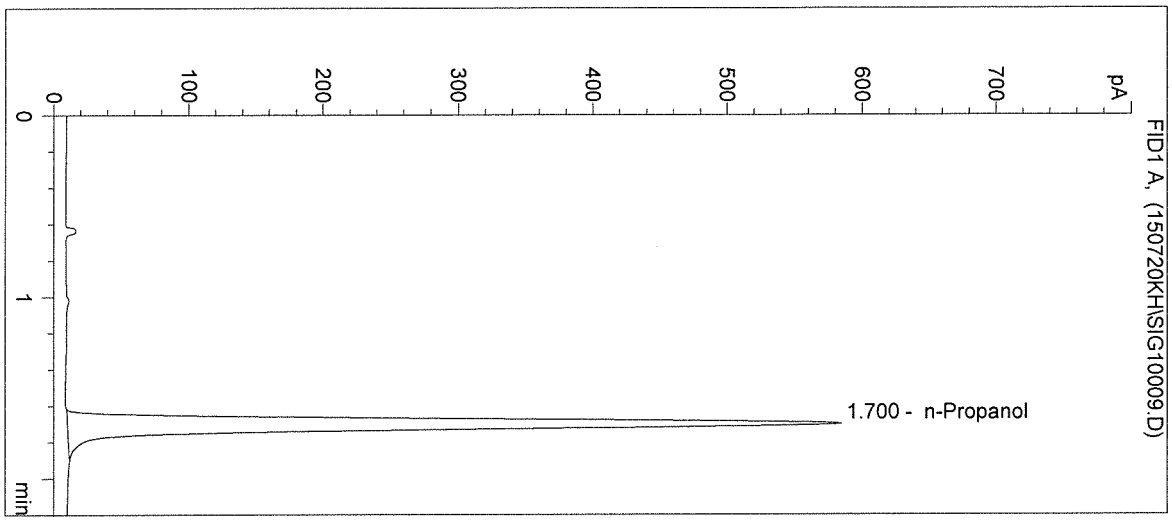
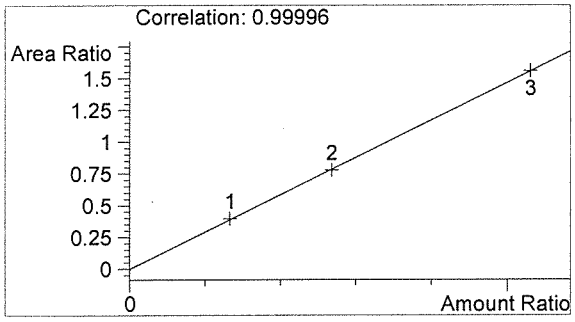
Inj. Date: 7/20/2015 1:37:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

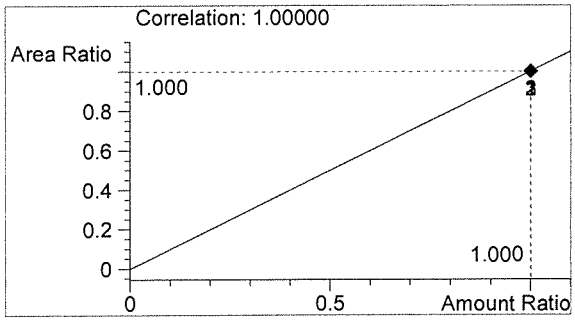
Sample Name: NEG CTRL
Operator: Katie Harris
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2260	1.700



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

KH

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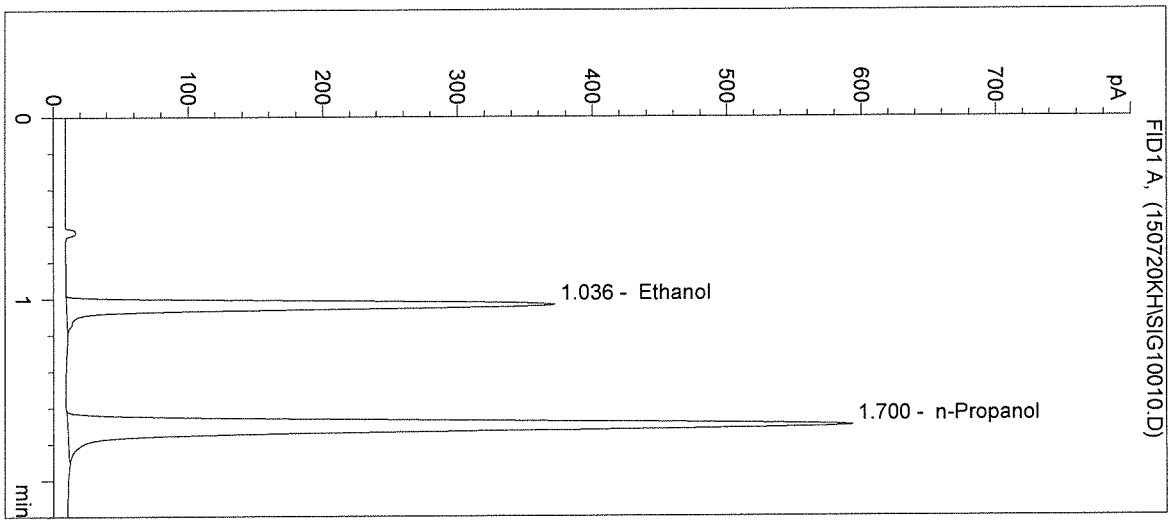
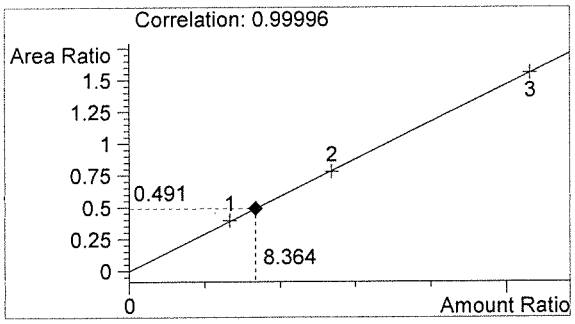
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/20/2015 1:41:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

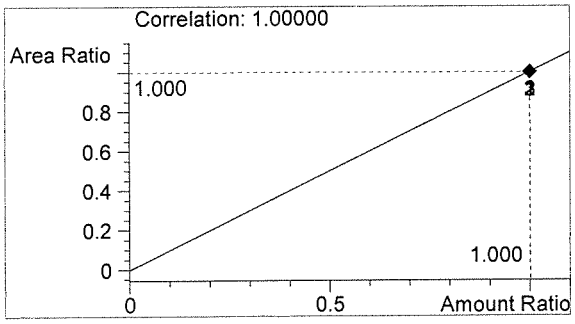
Sample Name: 15032-1
Operator: Katie Harris
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1126	1.036
2	n-Propanol	2294	1.700



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\150720KH\SIG10010.D

KH

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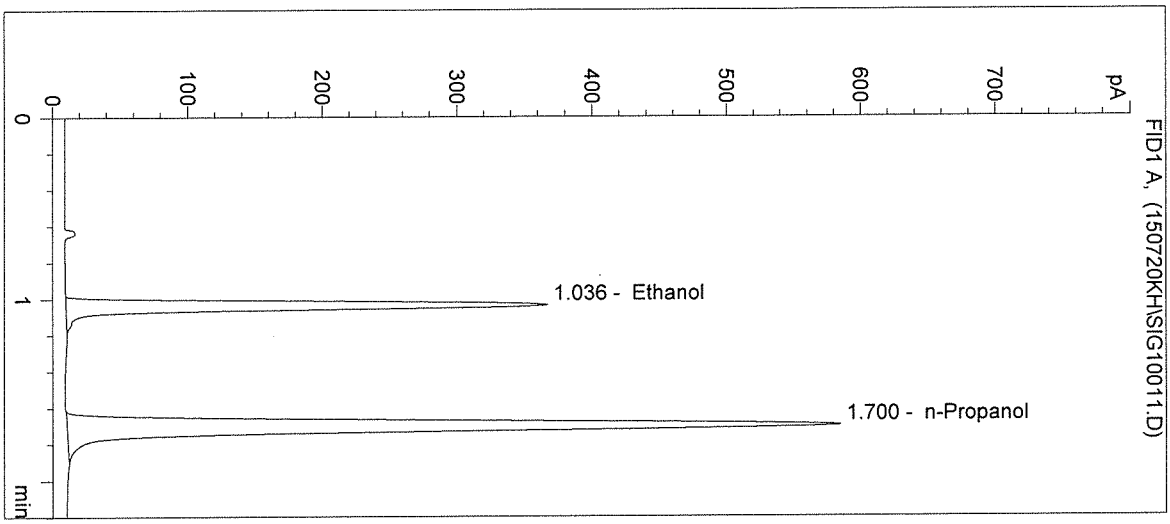
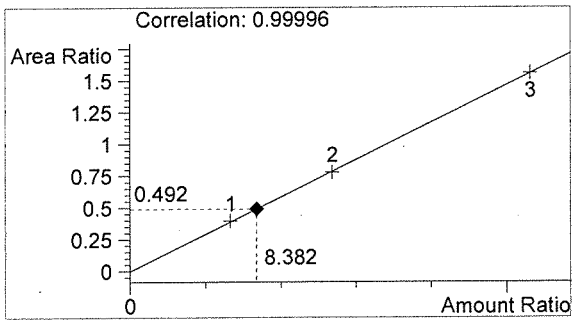
Inj. Date: 7/20/2015 1:44:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

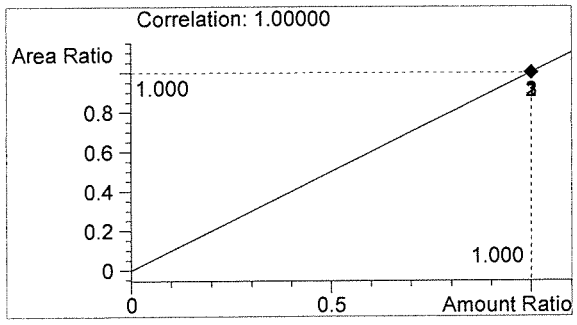
Sample Name: 15032-2
Operator: Katie Harris
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.036
2	n-Propanol	2265	1.700



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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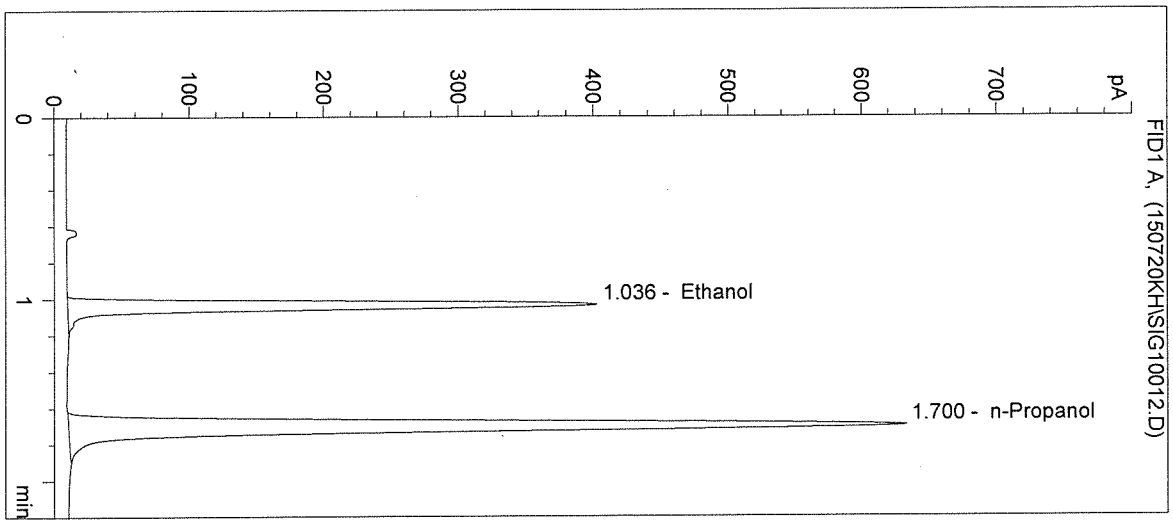
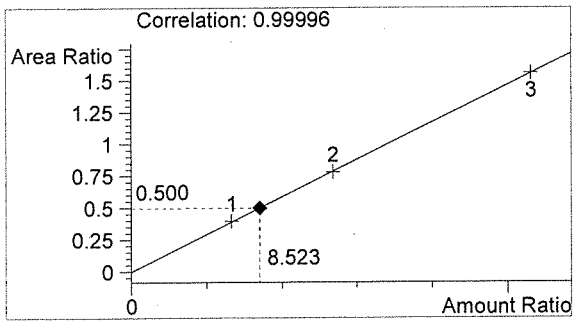
Inj. Date: 7/20/2015 1:47:35 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

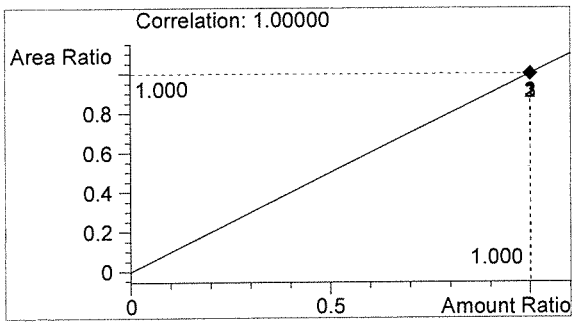
Sample Name: 15032-3
Operator: Katie Harris
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1226	1.036
2	n-Propanol	2453	1.700



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

KH

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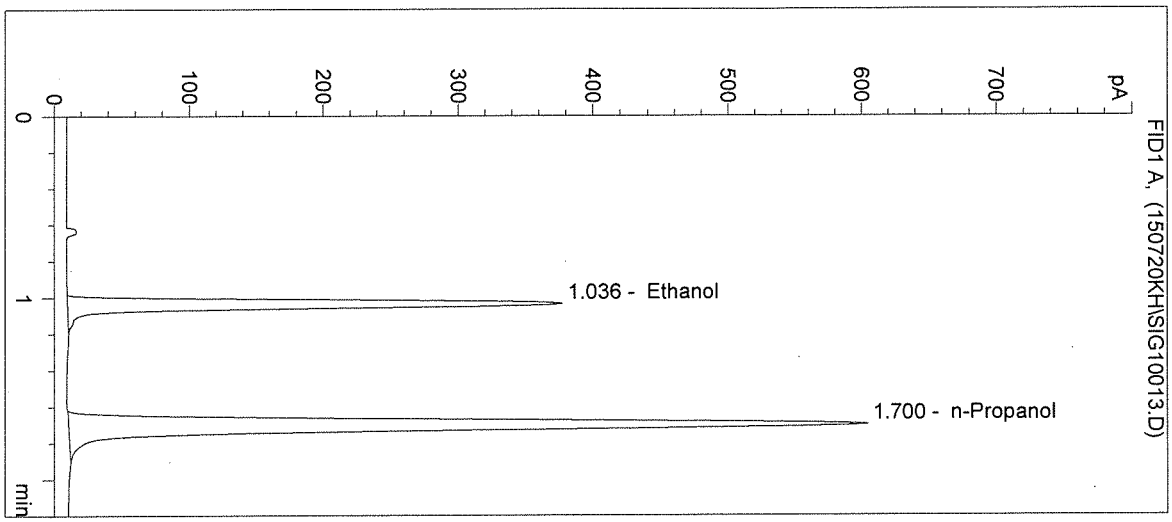
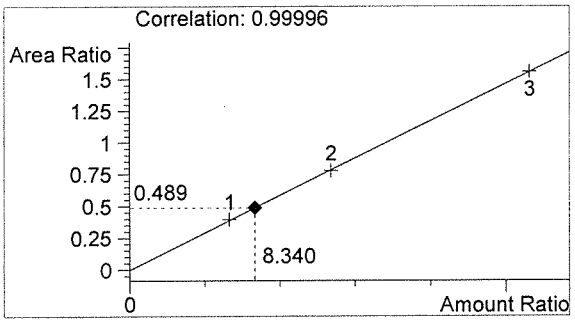
Inj. Date: 7/20/2015 1:50:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

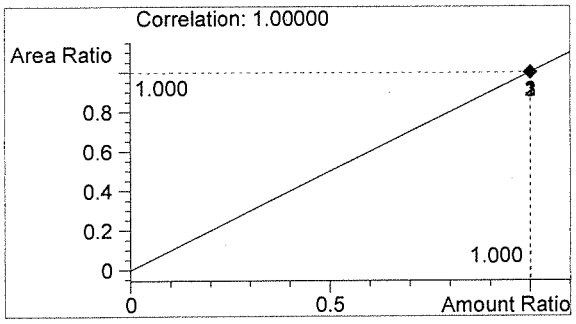
Sample Name: 15032-4
Operator: Katie Harris
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1142	1.036
2	n-Propanol	2334	1.700



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

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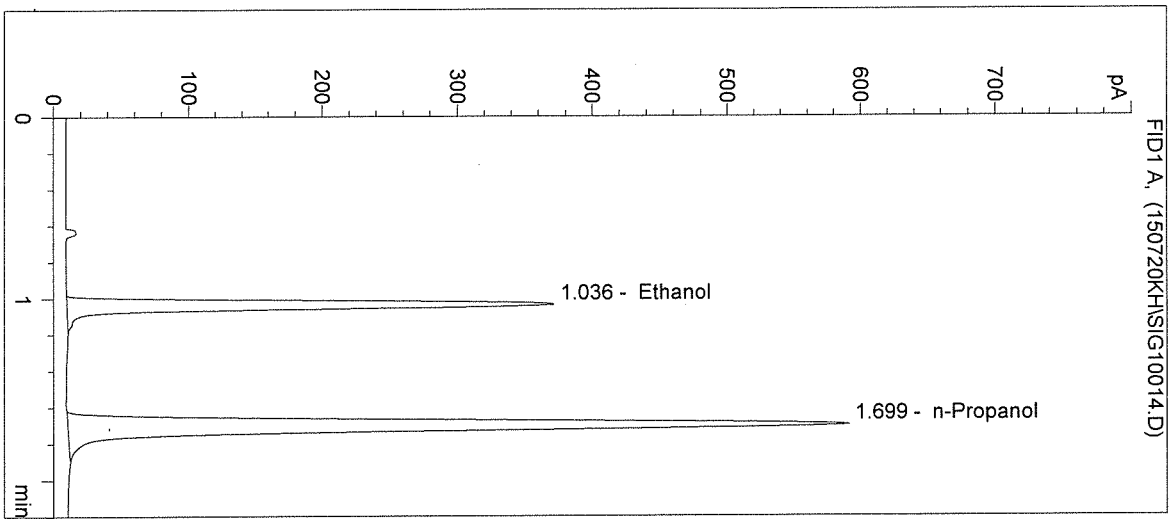
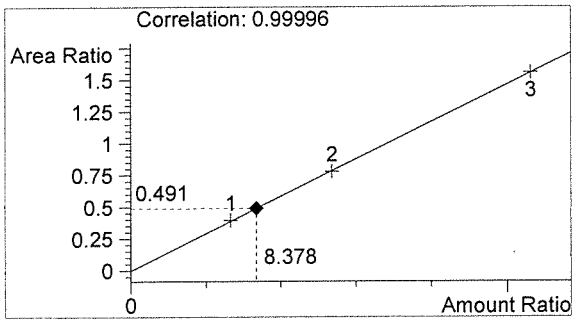
Inj. Date: 7/20/2015 1:54:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

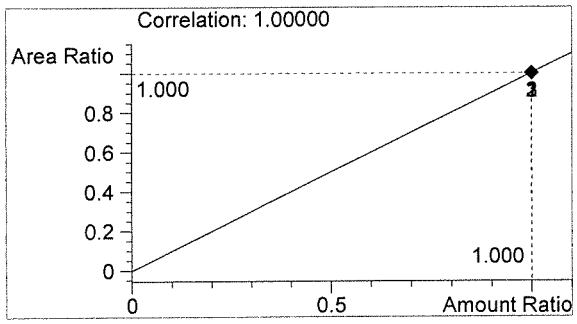
Sample Name: 15032-5
Operator: Katie Harris
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1124	1.036
2	n-Propanol	2287	1.699



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

KH

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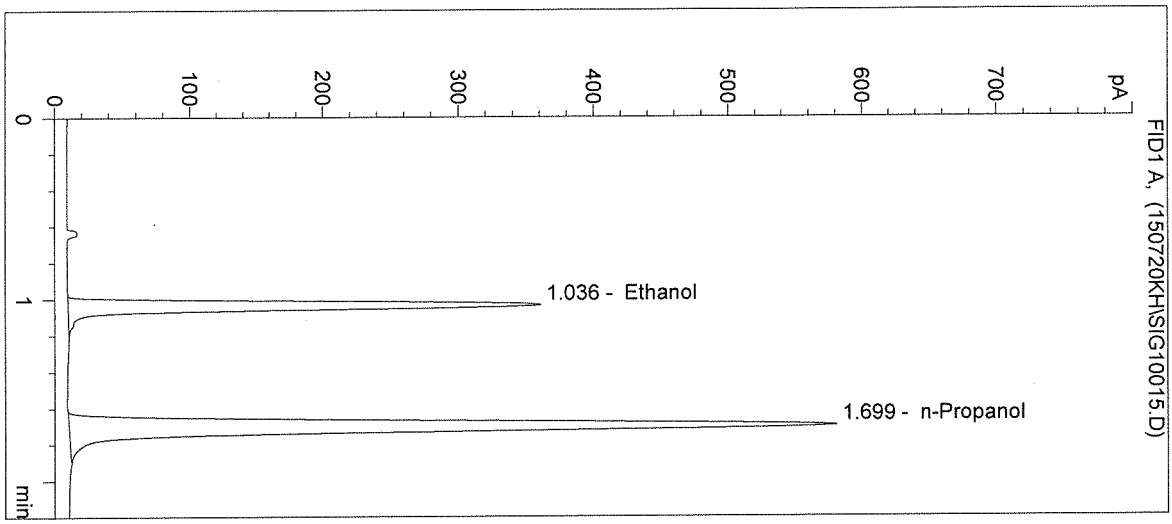
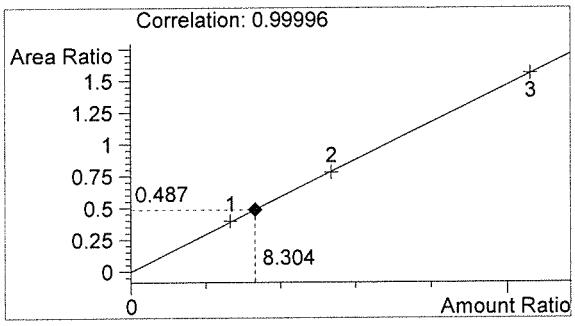
Inj. Date: 7/20/2015 1:57:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

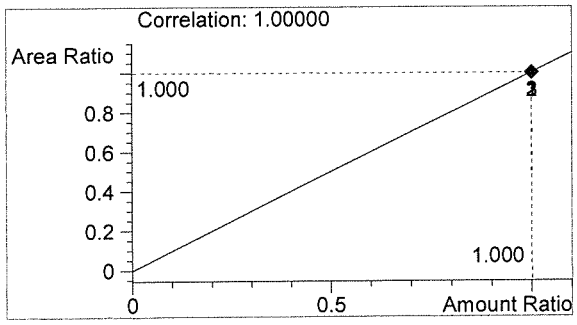
Sample Name: 0.10 CTRL
Operator: Katie Harris
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1094	1.036
2	n-Propanol	2247	1.699



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

KH

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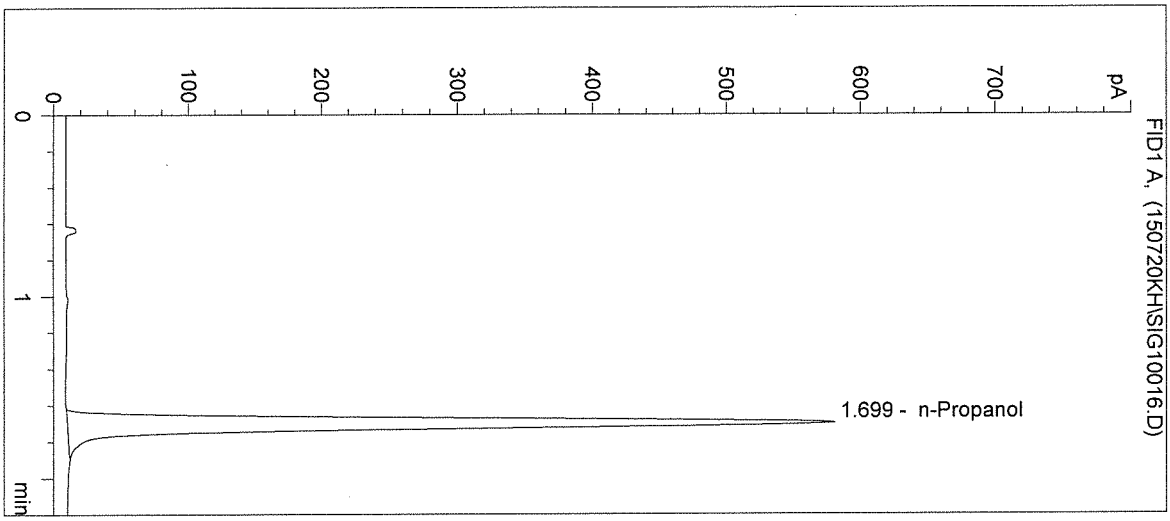
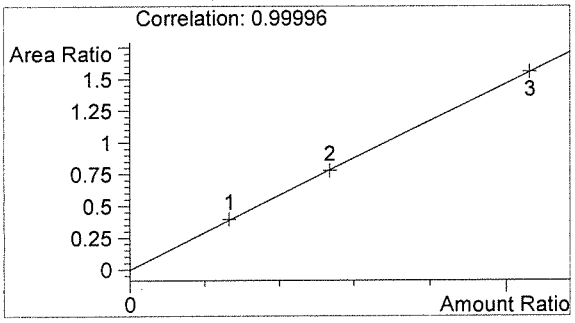
Inj. Date: 7/20/2015 2:00:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15032

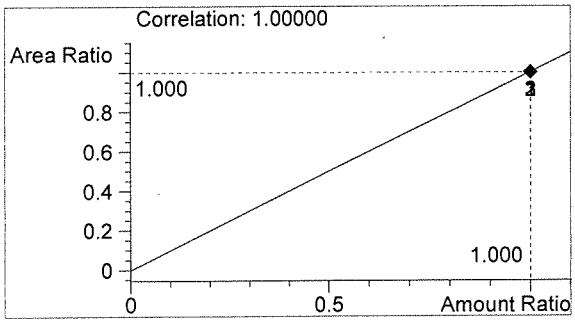
Sample Name: NEG CTRL
Operator: Katie Harris
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2243	1.699



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL