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: 15002

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: 01/08/2015
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: David Nguyen

	DN	EW	AG	DCS	JLK	NN	BT	AJL
1	0.104	0.104	0.104	0.103	0.104	0.103	0.105	0.103
2	0.104	0.104	0.104	0.103	0.104	0.103	0.104	0.103
3	0.104	0.104	0.104	0.105	0.104	0.103	0.106	0.103
4	0.104	0.104	0.104	0.104	0.104	0.103	0.105	0.102
5	0.105	0.104	0.104	0.104	0.104	0.103	0.104	0.102
C	0.102	0.102	0.102	0.101	0.102	0.103	0.104	0.101

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1038 g/100mL
STANDARD DEVIATION: 0.00079
PRECISION CV (%): 0.76
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0844 g/210L**
EXPANDED UNCERTAINTY: ± 0.0028 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Lisa Noble — Forensic Scientist Supervisor

12 fn 2/12/15
2/15/15
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
DN	David Nguyen		01/08/2015
EW	Elizabeth Wehner		01/13/2015
AG	Andrew Gingras		01/15/2015
DCS	Dawn C. Sklerov		01/15/2015
JLK	Justin L. Knoy		01/15/2015
NN	Naziha Nuwayhid		01/22/2015
BT	Brittany Thomas		01/26/2015
AJL	Asa J. Louis		01/30/2015

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 #: 15002 **Date Prepared:** 1/8/2015

Analyst:	DN	EW	AG	DCS	JLK	NN	BT	AJL
Date Tested:	1/8/2015	1/13/2015	1/15/2015	1/15/2015	1/15/2015	1/22/2015	1/26/2015	1/30/2015
Instrument:	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1
1	0.104	0.104	0.104	0.103	0.104	0.103	0.105	0.103
2	0.104	0.104	0.104	0.103	0.104	0.103	0.104	0.103
3	0.104	0.104	0.104	0.105	0.104	0.103	0.106	0.103
4	0.104	0.104	0.104	0.104	0.104	0.103	0.105	0.102
5	0.105	0.104	0.104	0.104	0.104	0.103	0.104	0.102
C	0.102	0.102	0.102	0.101	0.102	0.103	0.104	0.101

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000580672	0.0000941696	0.0001016326

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

Average Solution Concentration: 0.1038 g/100mL
Standard Deviation: 0.00079 g/100mL
Precision CV (%): 0.76
Equivalent Vapor Concentration: 0.0844 g/210L
Combined Standard Uncertainty (±): 0.0014 g/210L
Expanded Uncertainty (±): 0.0028 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble (Name) [signature] (Signature) 2/4/15 (Date)

Calculations verified by: Amanda M. Black (Name) [signature] (Signature) 2-12-15 (Date)

Method: Hand calculation

Technical review of batch file performed by:

Lisa Noble (Name) [signature] (Signature) 2/4/15 (Date)

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 2-12-15

Location: WSP- FLSB Seattle, WA **Solution Batch Number:** 15002

	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:** 2-12-15

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	AG	2/6/15
Asa Louis	CL	20150211
Brittany Thomas	BT	2/10/15
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen	DN	2/5/15
Dawn Sklerov	DCS	2-9-15
Elizabeth Wehner	EW	02/05/15
Justin Knoy	JK	2-9-15
Katie Harris		
Lyndsey Lowe		
Naziha Nuwayhid	NN	2.9.15
Rebecca Flaherty		

Batch # 15002 fn 2/4/15

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 15002

I, David Nguyen, 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 15002, was prepared in the Washington State Toxicology Laboratory on 1/8/2015. 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 1/8/2016.

Seattle, WA

2/5/15

David Nguyen — 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 15002

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 15002, was prepared in the Washington State Toxicology Laboratory on 1/8/2015. 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 1/8/2016.

Seattle, WA

Elizabeth Wehner 02/05/15

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 15002

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

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

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

The external standard solution (ESS), Lot Number 15002, was prepared in the Washington State Toxicology Laboratory on 1/8/2015. 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 1/8/2016.

Seattle, WA

2/6/15

Andrew Gingras — 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 15002

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

The external standard solution (ESS), Lot Number 15002, was prepared in the Washington State Toxicology Laboratory on 1/8/2015. 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 1/8/2016.

Seattle, WA

2.9.15

Dawn C. Sklerov — Date

Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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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 15002

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 15002, was prepared in the Washington State Toxicology Laboratory on 1/8/2015. 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 1/8/2016.

Seattle, WA

2-9-15

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 15002

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 15002, was prepared in the Washington State Toxicology Laboratory on 1/8/2015. 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 1/8/2016.

Seattle, WA

20150211

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 15002

I, Brittany Thomas, 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 a Masters in Forensic Science.

The external standard solution (ESS), Lot Number 15002, was prepared in the Washington State Toxicology Laboratory on 1/8/2015. 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 1/8/2016.

Seattle, WA

Brittany Thomas 2/10/15

Brittany Thomas 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 15002

I, Naziha Nuwayhid, 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: Bachelor and Masters Degrees in Biology, Ph.D. degree in Basic Medical Science, ten years experience in clinical laboratory sciences, one year in clinical toxicology and more than ten years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The external standard solution (ESS), Lot Number 15002, was prepared in the Washington State Toxicology Laboratory on 1/8/2015. 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 1/8/2016.

Seattle, WA

2.9.15

Naziha Nuwayhid — 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: 1/8/15 Expiration Date: 1/8/16 Initials of Preparer: DN

Lot # of 200-proof Ethanol used in preparation: 2CK0002

Date the 200-proof Ethanol bottle was opened: 12/1/14

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	☑	15002

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 1/8/15 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 1/8/15 Date

Sequence Parameters:

Operator:	David Nguyen
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:	150108DN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:

0.079 g/100mL Ethanol Calibrator 1 - Lot#E0814-01 Exp. 02/19/15
0.158 g/100mL Ethanol Calibrator 2 - Lot#E0814-02 Exp. 02/19/15
0.316 g/100mL Ethanol Calibrator 3 - Lot#E0814-03 Exp. 02/19/15

CTRL 1: (0.04 g/100mL) - Lot#: FN05011301 Exp. 05/2018
CTRL 2: (0.10 g/100mL) - Lot#: FN08051301 Exp. 10/2018
CTRL 3: (0.20 g/100mL) - Lot#: FN03211401 Exp. 06/2019

n-Propanol ISTD - Lot#: P1114 Exp. 02/20/15

Calibration vials 1-9 filed with 15002.

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	CTRL 1 (0.04)	SIMALC1	1	Ctrl Samp		
7	Vial 7	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp		
8	Vial 8	CTRL 3 (0.20)	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	15002 #1	SIMALC1	1	Sample		
11	Vial 11	15002 #2	SIMALC1	1	Sample		
12	Vial 12	15002 #3	SIMALC1	1	Sample		
13	Vial 13	15002 #4	SIMALC1	1	Sample		
14	Vial 14	15002 #5	SIMALC1	1	Sample		
15	Vial 15	POS CTRL (0.10)	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	CAL 1 (0.079)	SIMALC1	1	Replace	Replace	

DN

Calibration Table

Calib. Data Modified : Thursday, January 08, 2015 10:34:35 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	7.95500e-2	866.58337	9.17973e-5	1		Ethanol
		2	1.59740e-1	1789.98987	8.92407e-5			
		3	3.21980e-1	3458.30322	9.31035e-5			
1.702	1	1	1.20000e-2	2441.47290	4.91507e-6	I1		n-Propanol
		2	1.20000e-2	2518.51538	4.76471e-6			
		3	1.20000e-2	2458.36572	4.88129e-6			

Peak Sum Table

No Entries in table

15002
yr 2/4/15

DN

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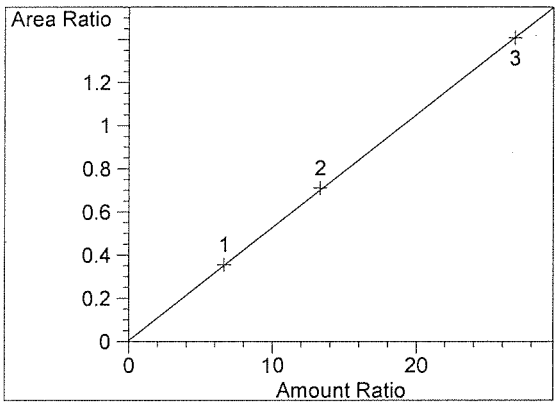
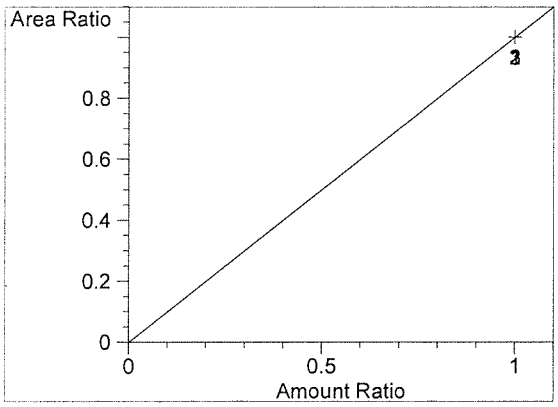
Calibration Curves

==========



Ethanol at exp. RT: 1.037
FID1 A,
Correlation: 0.99995
Residual Std. Dev.: 0.00762
Formula: y = mx + b
m: 5.23864e-2
b: 5.54467e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.702
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

==========

15002
2/4/15

DN

Sequence: C:\HPCHEM\1\SEQUENCE\DN-ESS.S

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
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!

15002

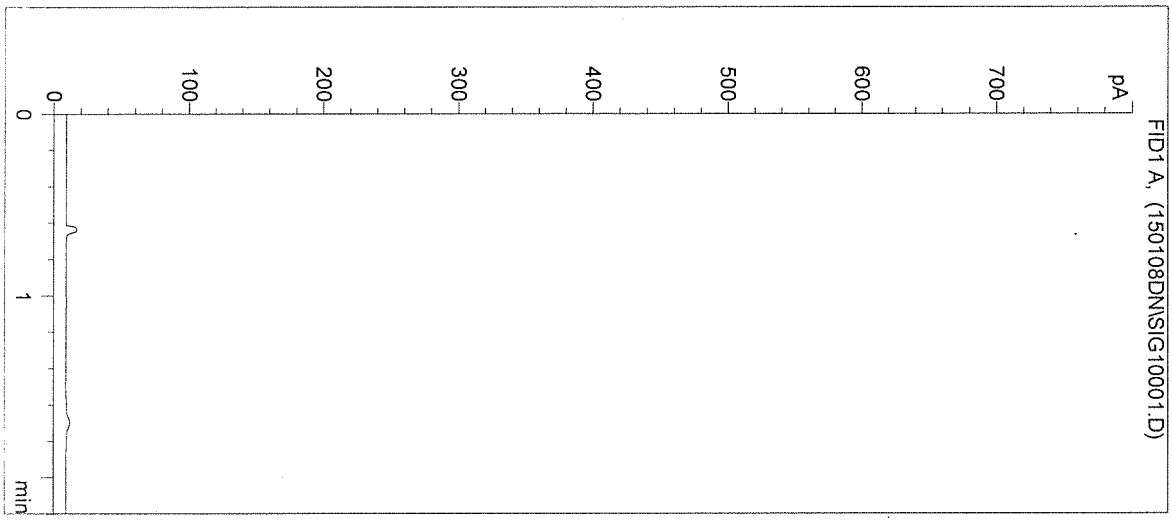
2/4/15

DN

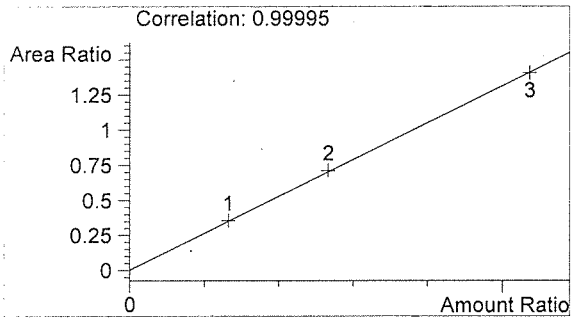
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/8/2015 10:22:30 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

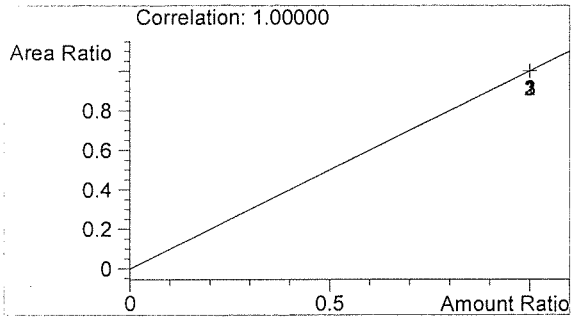
Sample Name: BLANK
Operator: David Nguyen
Location: Vial 1



#	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

jr

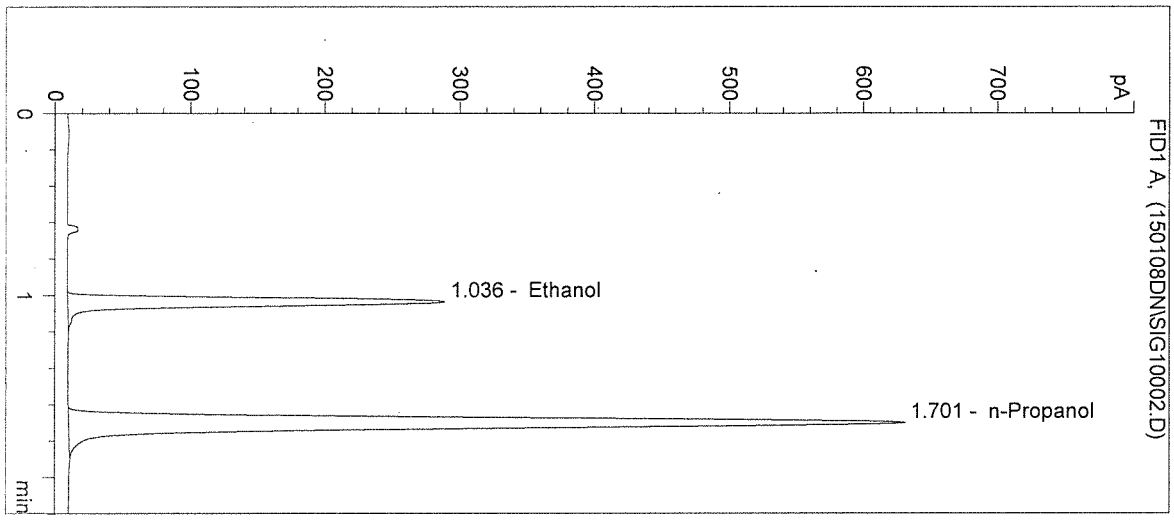
DN

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

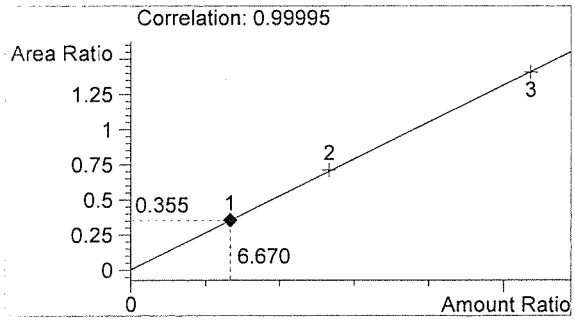
Inj. Date: 1/8/2015 10:25:48 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 1: 0.079 g/100mL
15002

Sample Name: CAL 1 (0.079)
Operator: David Nguyen
Location: Vial 2

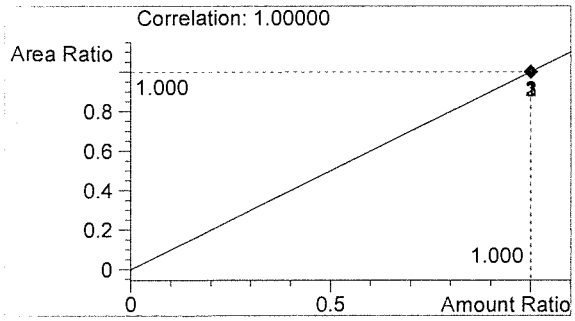
->



#	Compound	Peak Area	RT (min)
1	Ethanol	867	1.036
2	n-Propanol	2441	1.701



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\150108DN\SIG10002.D

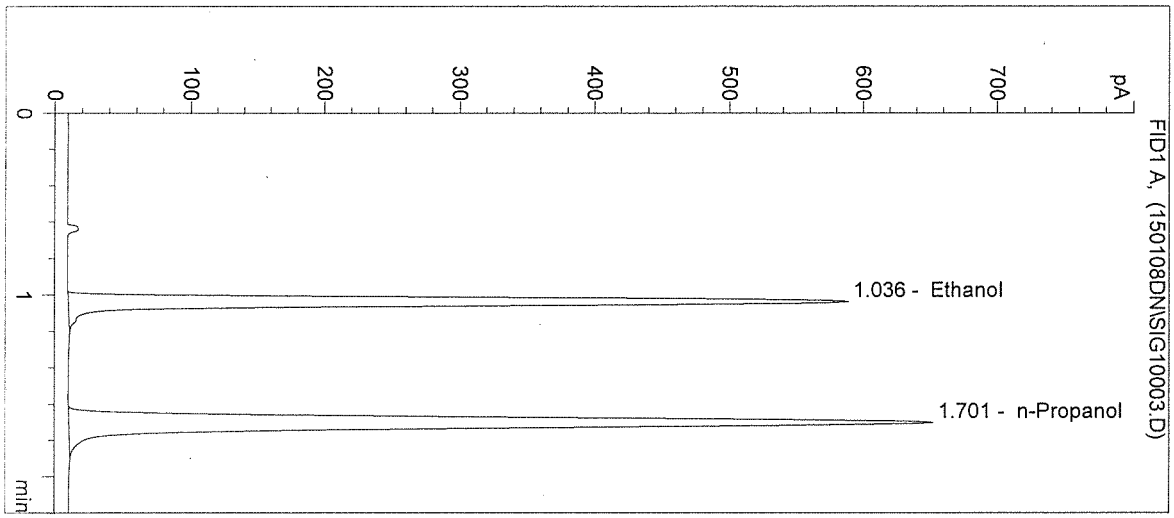
DN

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

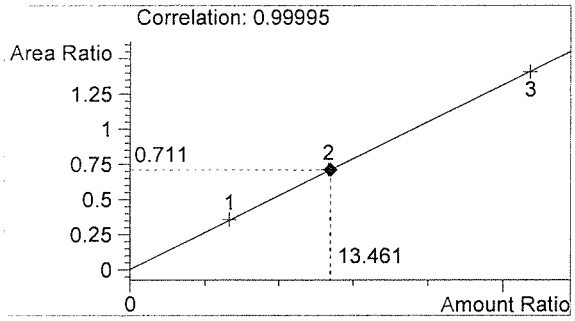
Inj. Date: 1/8/2015 10:29:07 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 2: 0.158 g/100mL
15002

Sample Name: CAL 2 (0.158)
Operator: David Nguyen
Location: Vial 3

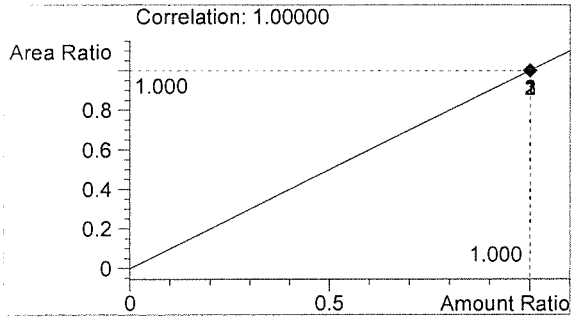
->



#	Compound	Peak Area	RT (min)
1	Ethanol	1790	1.036
2	n-Propanol	2519	1.701



Ethanol 0.162 g/100mL



n-Propanol 0.012 g/100mL

DN

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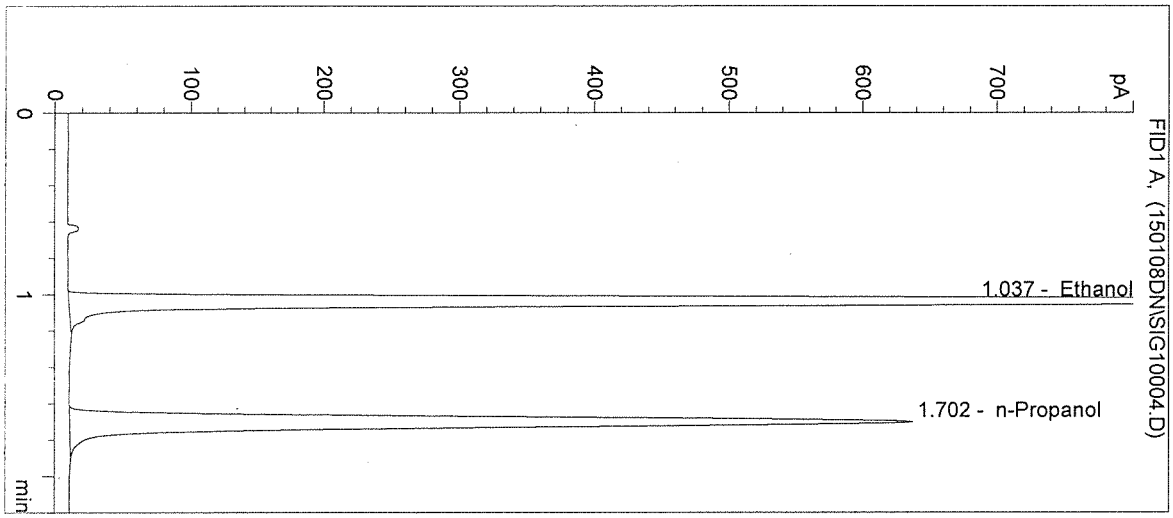
2203 Airport Way S Seattle, WA 98134

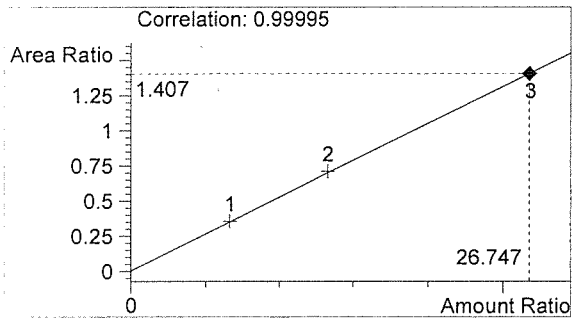
Inj. Date: 1/8/2015 10:32:22 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 3: 0.316 g/100mL
15002

Sample Name: CAL 3 (0.316)
Operator: David Nguyen
Location: Vial 4

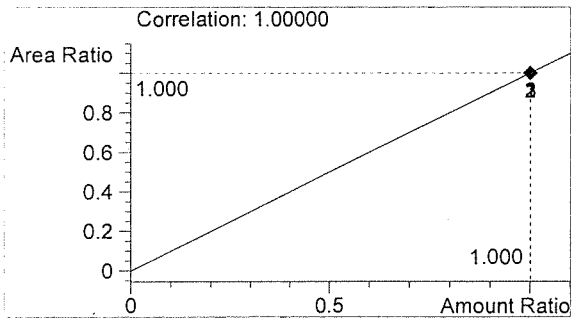
->



#	Compound	Peak Area	RT (min)
1	Ethanol	3458	1.037
2	n-Propanol	2458	1.702



Ethanol 0.321 g/100mL



n-Propanol 0.012 g/100mL

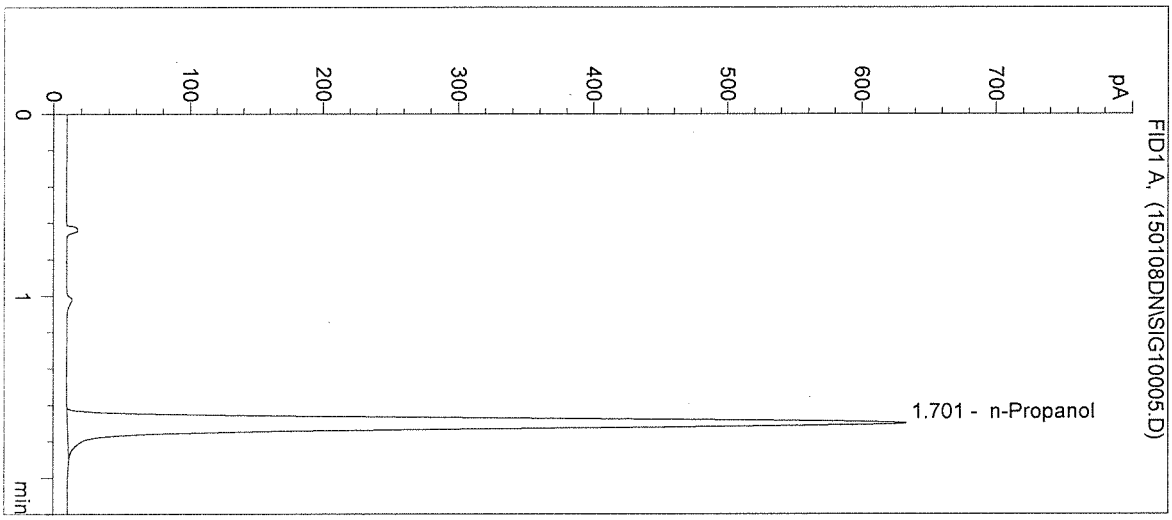
jr

DN

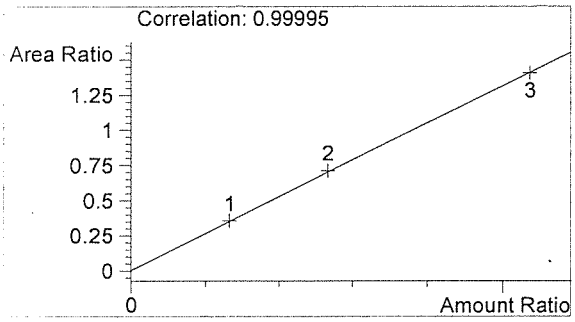
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/8/2015 10:35:35 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

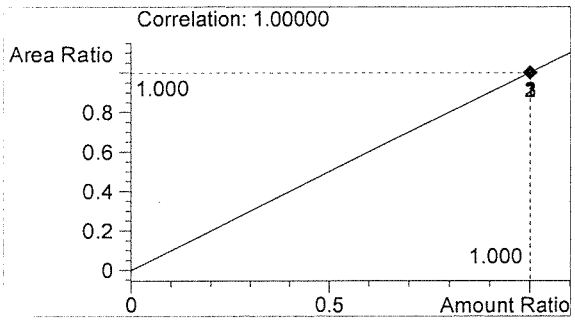
Sample Name: NEG CTRL
Operator: David Nguyen
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2445	1.701



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

DN

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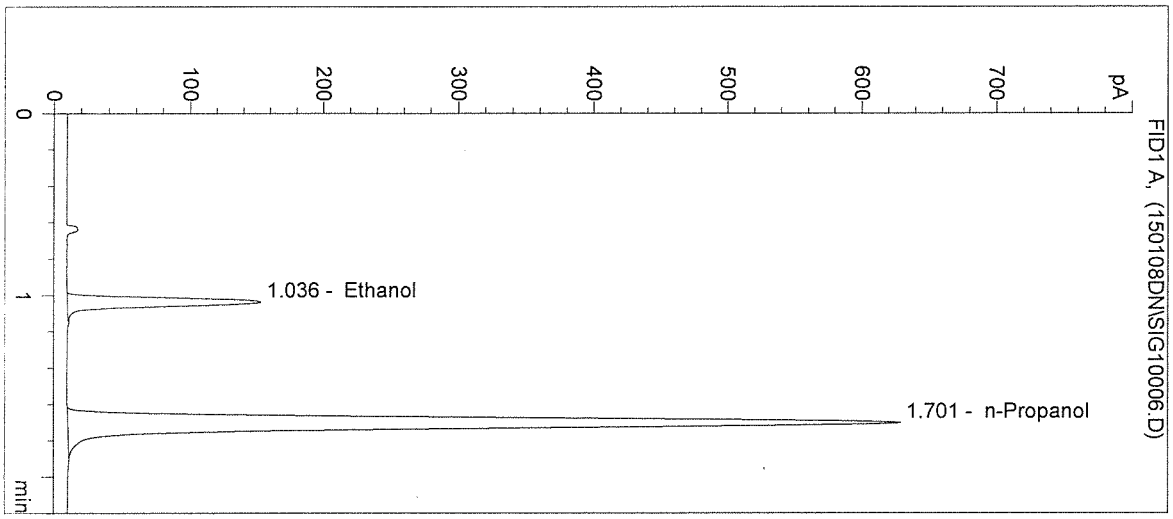
2203 Airport Way S Seattle, WA 98134

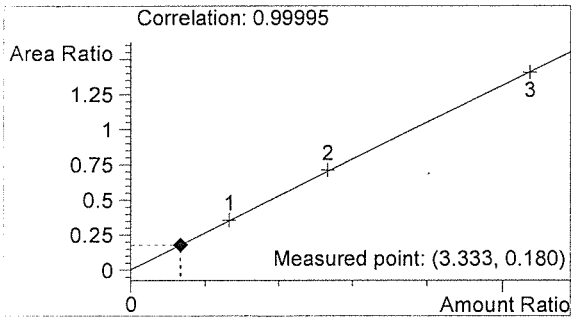
Inj. Date: 1/8/2015 10:38:48 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 1: 0.04 g/100mL
15002

Sample Name: CTRL 1 (0.04)
Operator: David Nguyen
Location: Vial 6

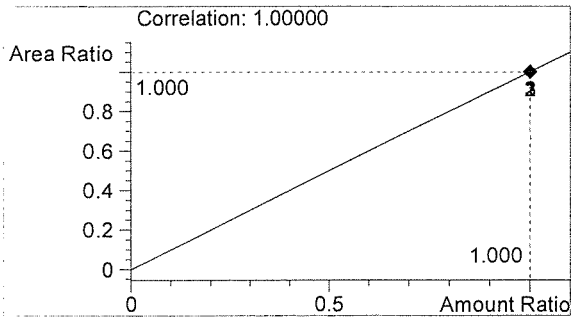
->



#	Compound	Peak Area	RT (min)
1	Ethanol	438	1.036
2	n-Propanol	2432	1.701



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

DN

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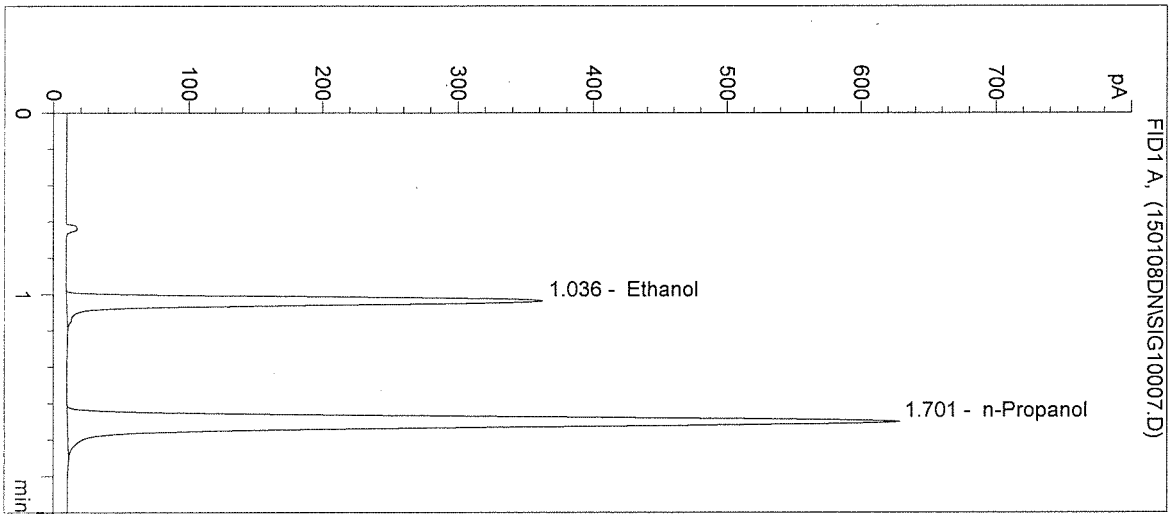
2203 Airport Way S Seattle, WA 98134

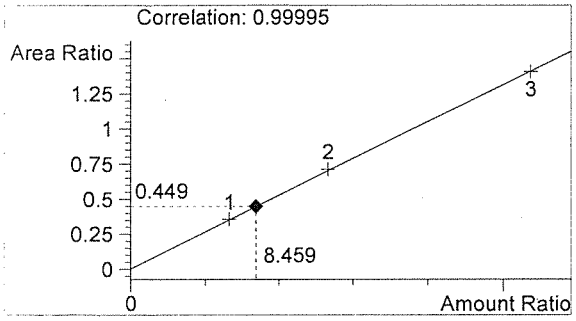
Inj. Date: 1/8/2015 10:42:02 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 2: 0.10 g/100mL
15002

Sample Name: CTRL 2 (0.10)
Operator: David Nguyen
Location: Vial 7

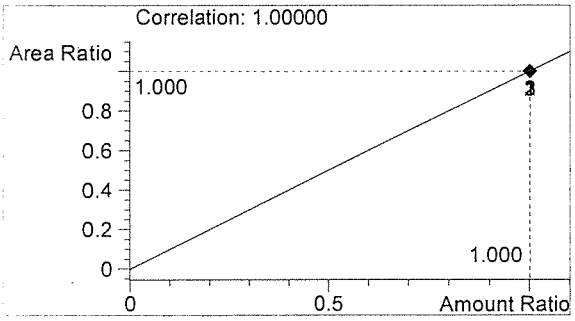
->



#	Compound	Peak Area	RT (min)
1	Ethanol	1090	1.036
2	n-Propanol	2430	1.701



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

DN

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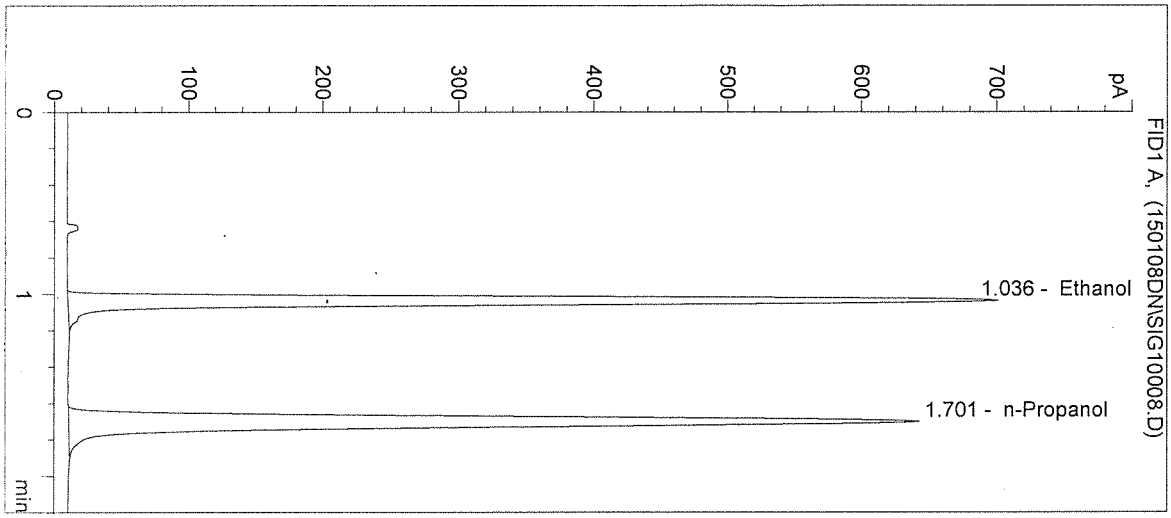
2203 Airport Way S Seattle, WA 98134

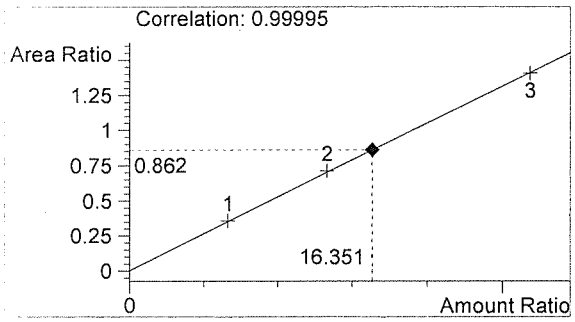
Inj. Date: 1/8/2015 10:45:15 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 3: 0.20 g/100mL
15002

Sample Name: CTRL 3 (0.20)
Operator: David Nguyen
Location: Vial 8

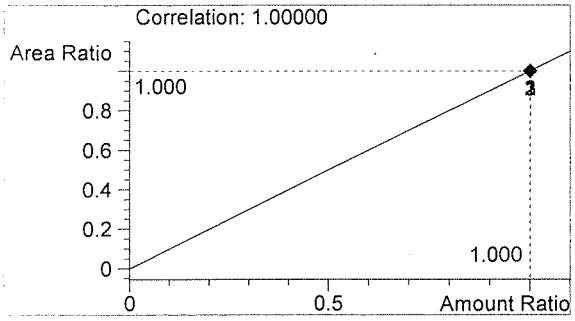
->



#	Compound	Peak Area	RT (min)
1	Ethanol	2141	1.036
2	n-Propanol	2483	1.701



Ethanol 0.196 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\150108DN\SIG10008.D

DN

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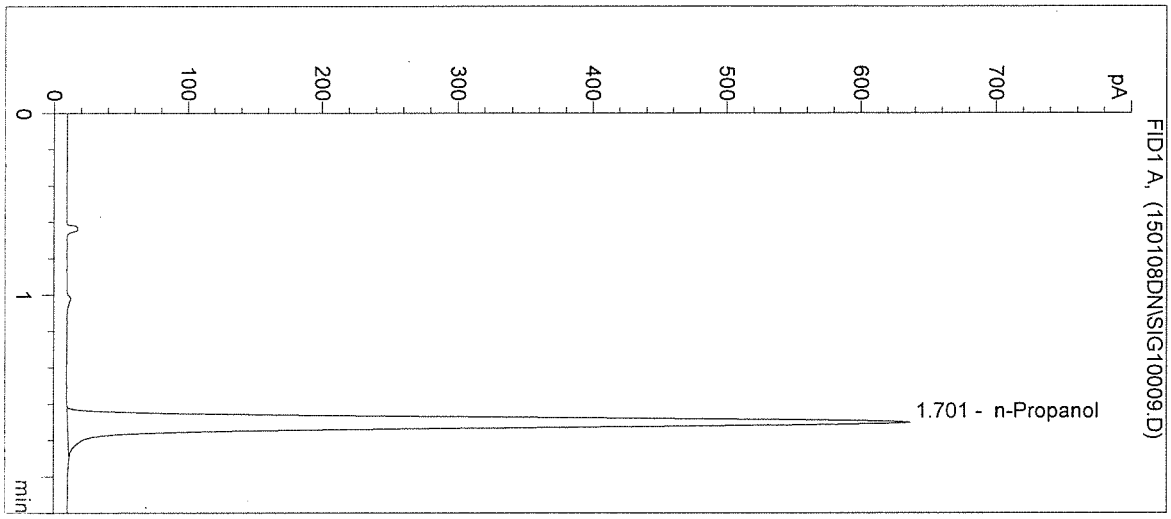
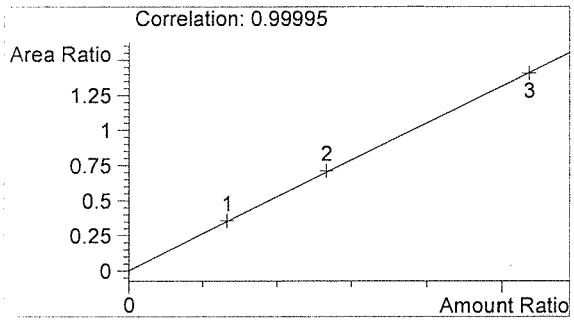
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/8/2015 10:48:28 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

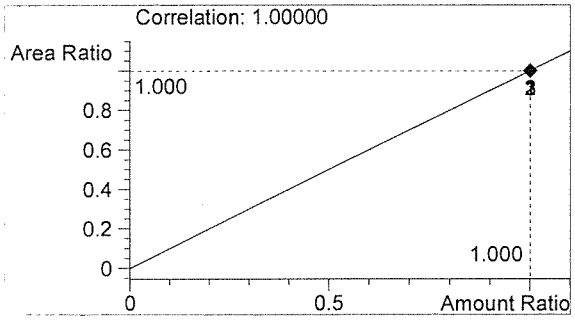
Sample Name: NEG CTRL
Operator: David Nguyen
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2460	1.701



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

fr

DN

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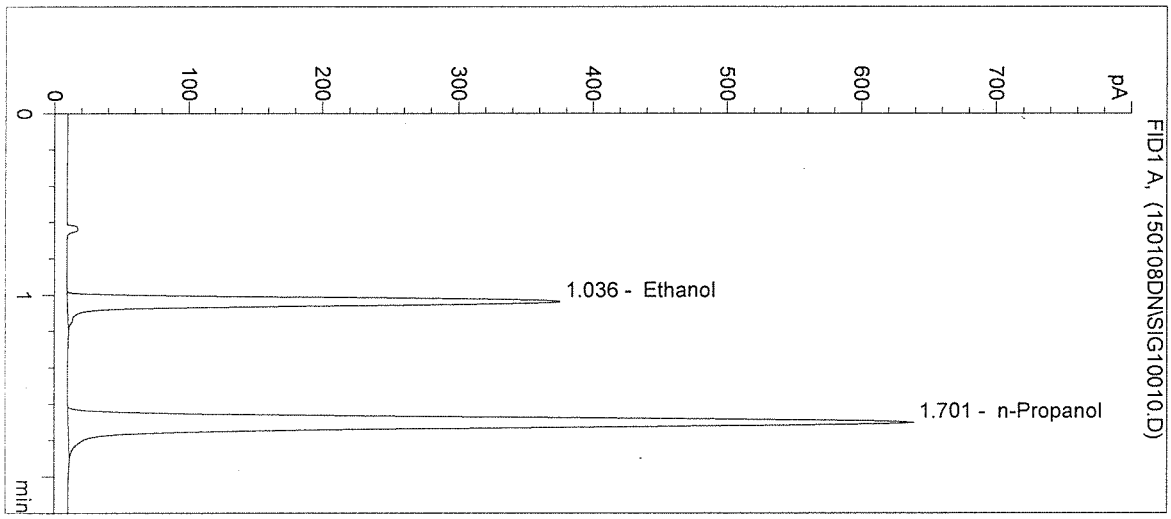
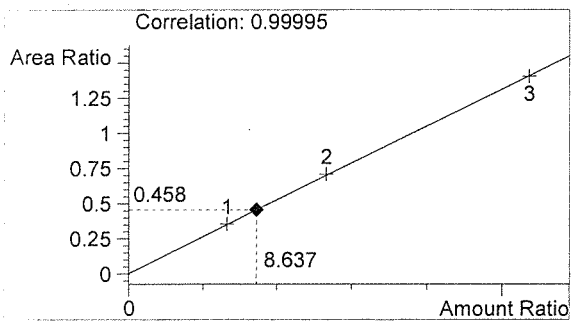
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/8/2015 10:51:41 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

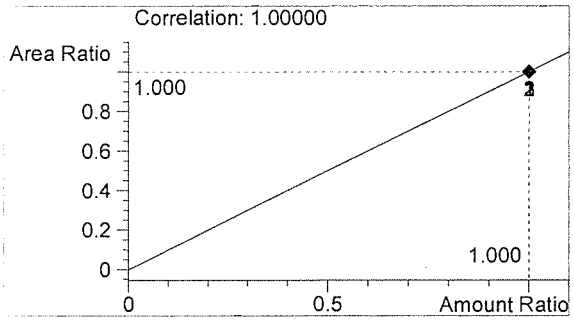
Sample Name: 15002 #1
Operator: David Nguyen
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1131	1.036
2	n-Propanol	2468	1.701



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

DN

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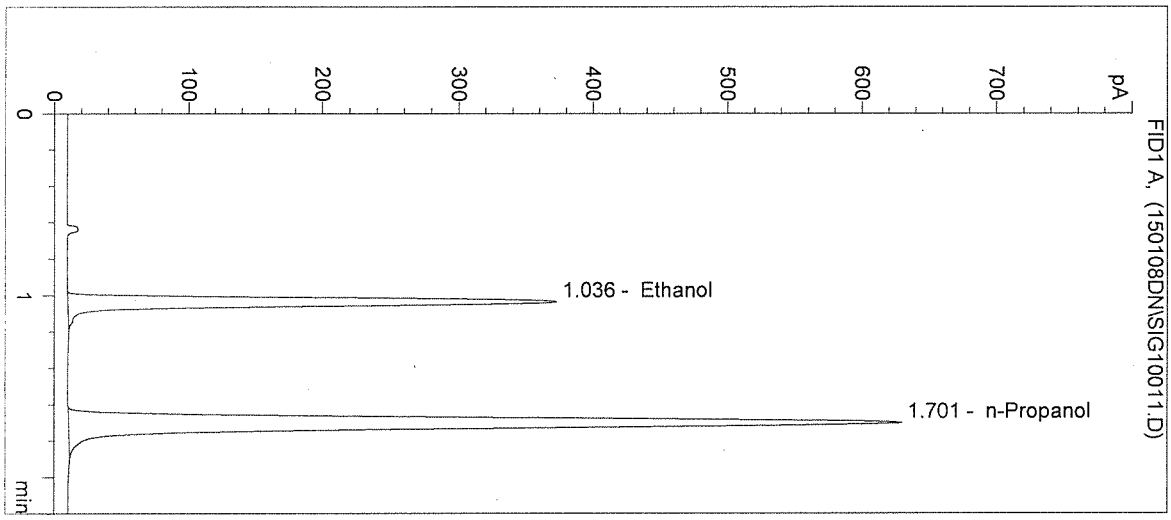
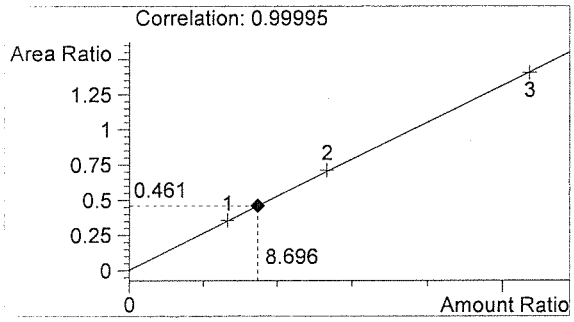
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/8/2015 10:54:55 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

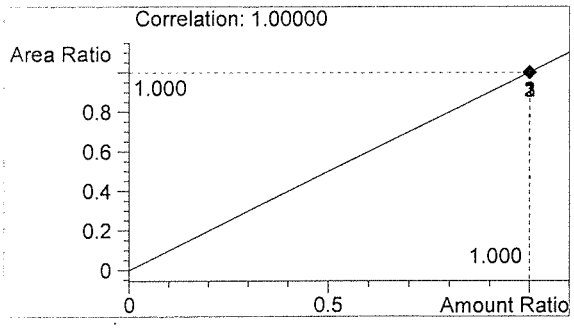
Sample Name: 15002 #2
Operator: David Nguyen
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1124	1.036
2	n-Propanol	2437	1.701



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

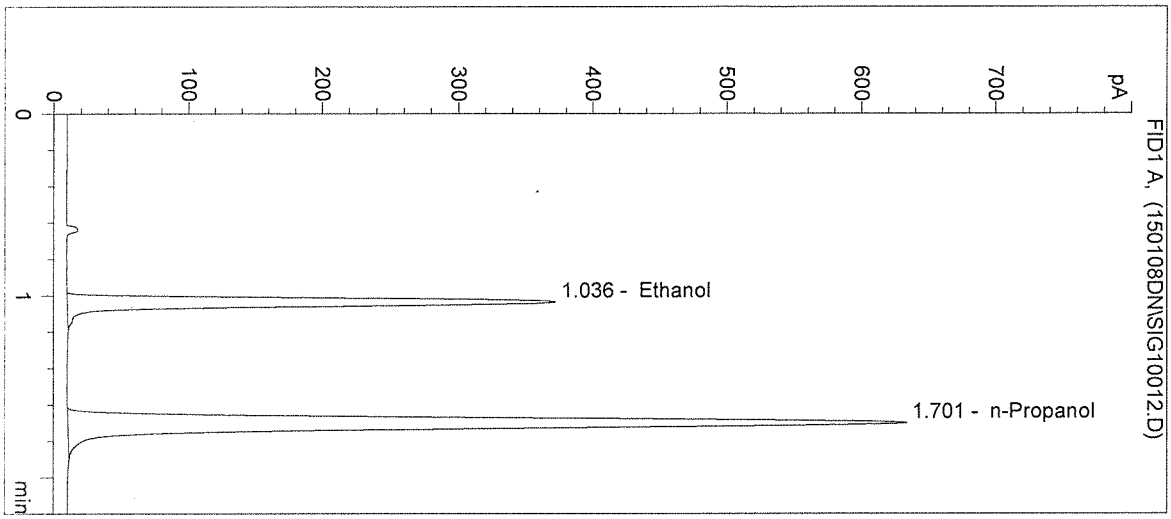
jr

DN

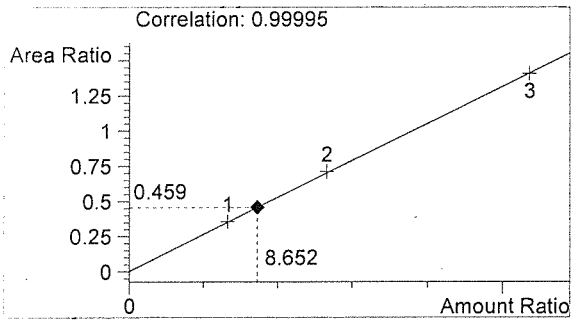
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/8/2015 10:58:08 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

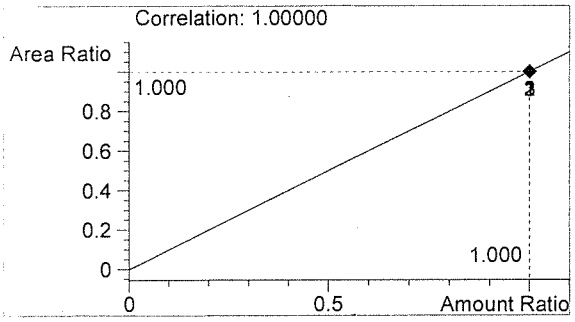
Sample Name: 15002 #3
Operator: David Nguyen
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1125	1.036
2	n-Propanol	2452	1.701



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

DN

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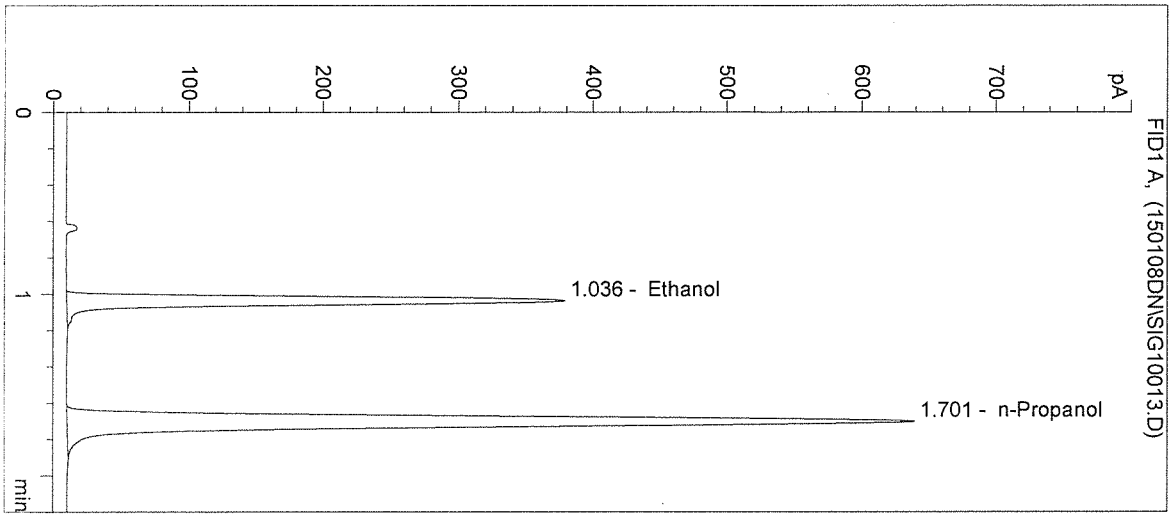
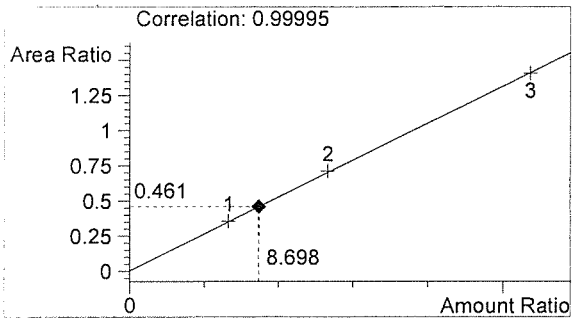
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/8/2015 11:01:21 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

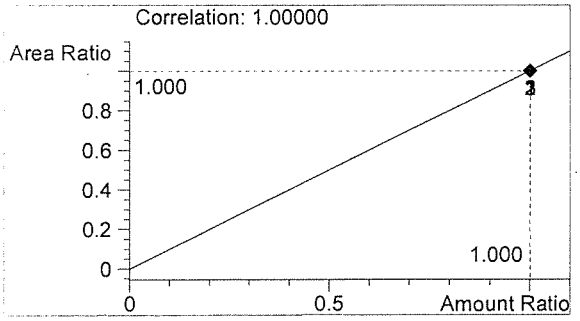
Sample Name: 15002 #4
Operator: David Nguyen
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1138	1.036
2	n-Propanol	2468	1.701



Ethanol 0.104 g/100mL



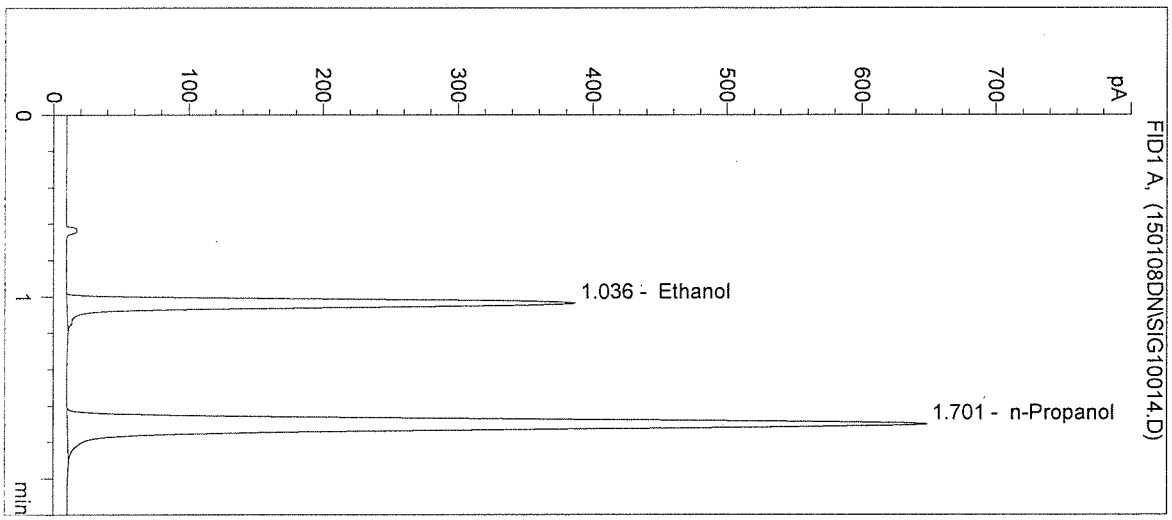
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\150108DN\SIG10013.D

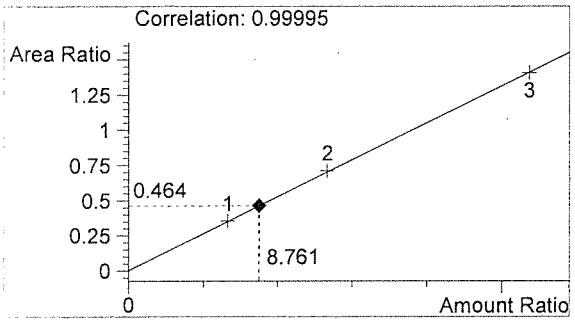
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/8/2015 11:04:35 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

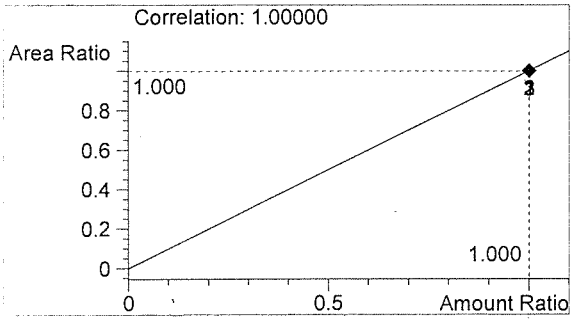
Sample Name: 15002 #5
Operator: David Nguyen
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1163	1.036
2	n-Propanol	2503	1.701



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

DN

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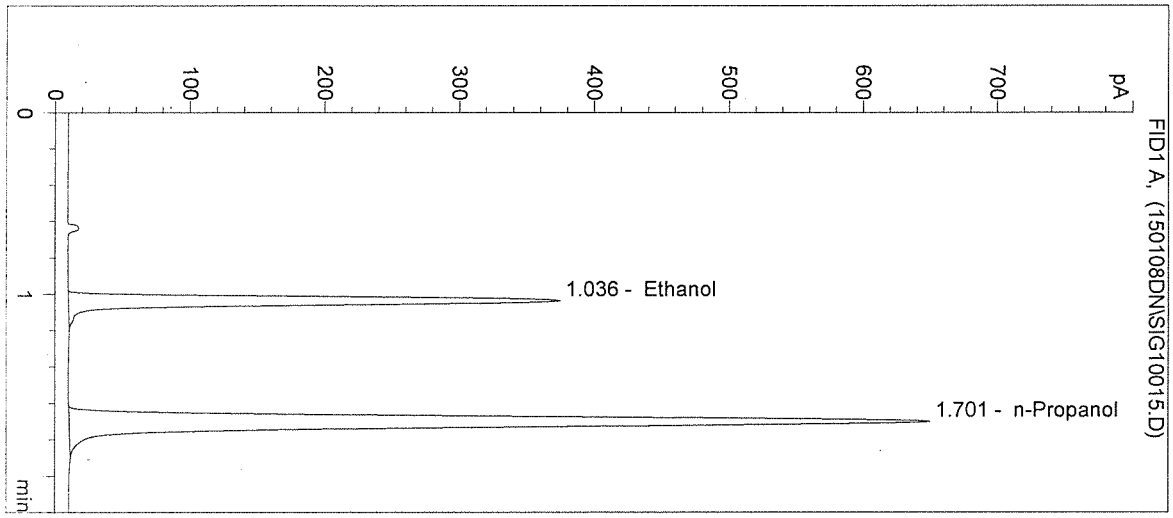
2203 Airport Way S Seattle, WA 98134

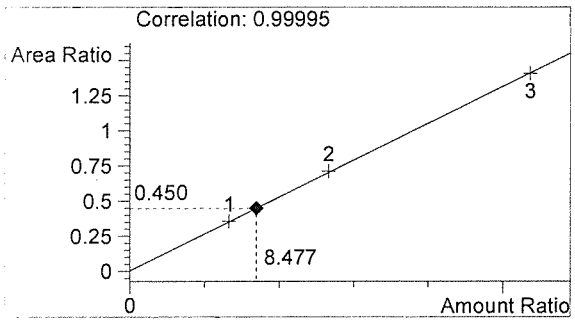
Inj. Date: 1/8/2015 11:07:48 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: POS Control: 0.10 g/100mL
15002

Sample Name: POS CTRL (0.10)
Operator: David Nguyen
Location: Vial 15

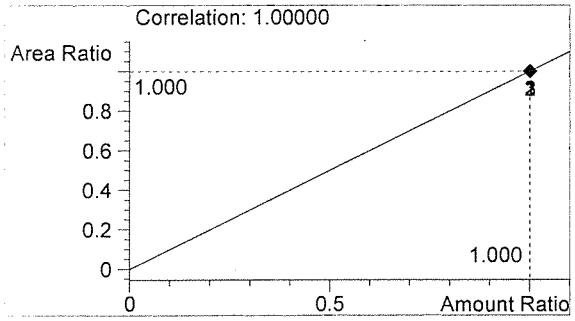
->



#	Compound	Peak Area	RT (min)
1	Ethanol	1131	1.036
2	n-Propanol	2515	1.701



Ethanol 0.102 g/100mL



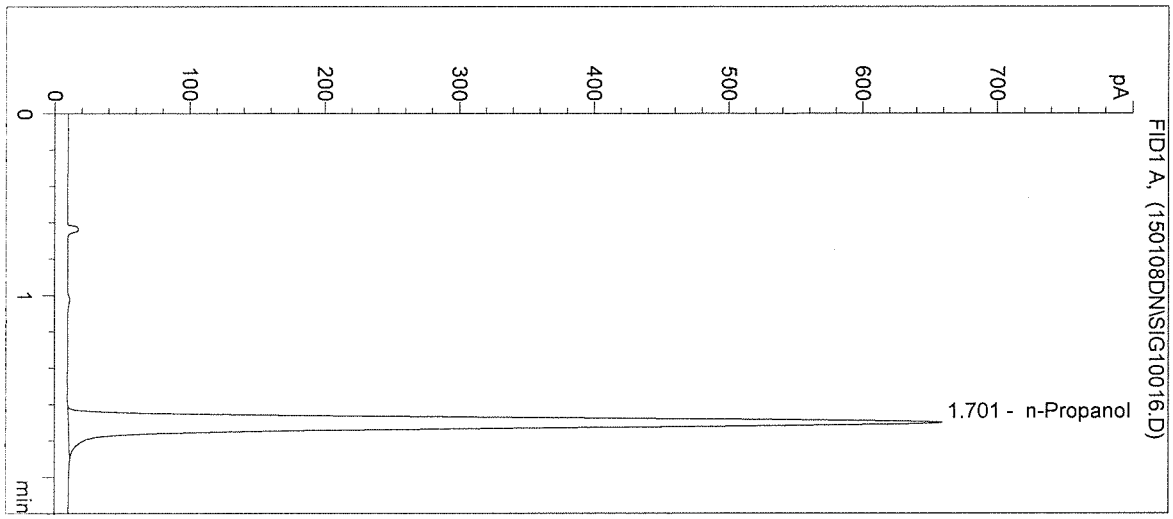
n-Propanol 0.012 g/100mL

DN

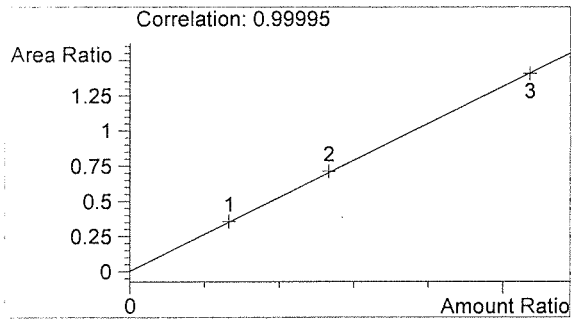
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/8/2015 11:11:01 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

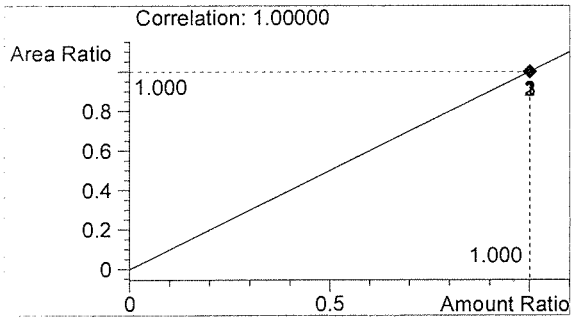
Sample Name: NEG CTRL
Operator: David Nguyen
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2548	1.701



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

DN

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:	150113EW
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 g/100mL Ethanol Calibrator 1 - Lot#E0814-01 Exp. 02/19/15
0.158 g/100mL Ethanol Calibrator 2 - Lot#E0814-02 Exp. 02/19/15
0.316 g/100mL Ethanol Calibrator 3 - Lot#E0814-03 Exp. 02/19/15

CTRL 1: (0.04 g/100mL) - Lot#: FN05011301 Exp. 05/2018
CTRL 2: (0.10 g/100mL) - Lot#: FN08051301 Exp. 10/2018
CTRL 3: (0.20 g/100mL) - Lot#: FN03211401 Exp. 06/2019

n-Propanol ISTD - Lot#: P1114 Exp. 02/20/15

Calibration vials 1-9 filed with 15002.

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	CTRL 1 (0.04)	SIMALC1	1	Ctrl Samp		
7	Vial 7	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp		
8	Vial 8	CTRL 3 (0.20)	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	15002 #1	SIMALC1	1	Sample		
11	Vial 11	15002 #2	SIMALC1	1	Sample		
12	Vial 12	15002 #3	SIMALC1	1	Sample		
13	Vial 13	15002 #4	SIMALC1	1	Sample		
14	Vial 14	15002 #5	SIMALC1	1	Sample		
15	Vial 15	POS CTRL (0.10)	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	15003 #1	SIMALC1	1	Sample		
18	Vial 18	15003 #2	SIMALC1	1	Sample		
19	Vial 19	15003 #3	SIMALC1	1	Sample		
20	Vial 20	15003 #4	SIMALC1	1	Sample		
21	Vial 21	15003 #5	SIMALC1	1	Sample		
22	Vial 22	POS CTRL (0.10)	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		

15002
JL 2/4/15

EW

Sequence: C:\HPCHEM\1\SEQUENCE\EW-ESS.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!

= 15002

2/4/15

EW

Calibration Table

Calib. Data Modified : Tuesday, January 13, 2015 1:54:24 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.036	1	1	7.95500e-2	878.04797	9.05987e-5	1		Ethanol
		2	1.59740e-1	1743.20532	9.16358e-5			
		3	3.21980e-1	3399.89355	9.47030e-5			
1.701	1	1	1.20000e-2	2449.56616	4.89883e-6	I1		n-Propanol
		2	1.20000e-2	2439.31006	4.91942e-6			
		3	1.20000e-2	2420.07202	4.95853e-6			

Peak Sum Table

No Entries in table

15002
jn 2/4/15

EW

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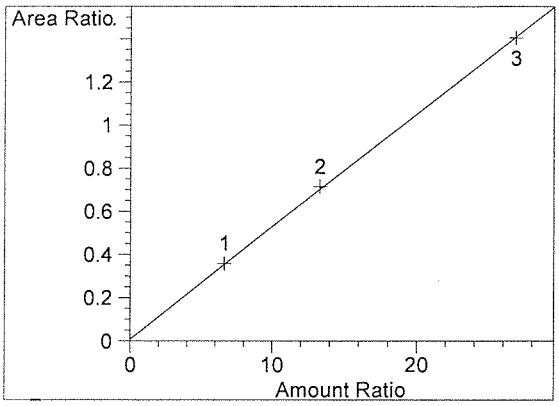
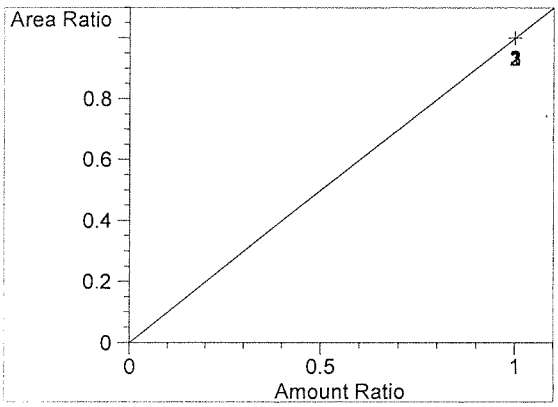
Calibration Curves

==========



Ethanol at exp. RT: 1.036
FID1 A,
Correlation: 0.99989
Residual Std. Dev.: 0.01068
Formula: y = mx + b
m: 5.22853e-2
b: 8.10937e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.701
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

==========

15092
2/4/15

EW

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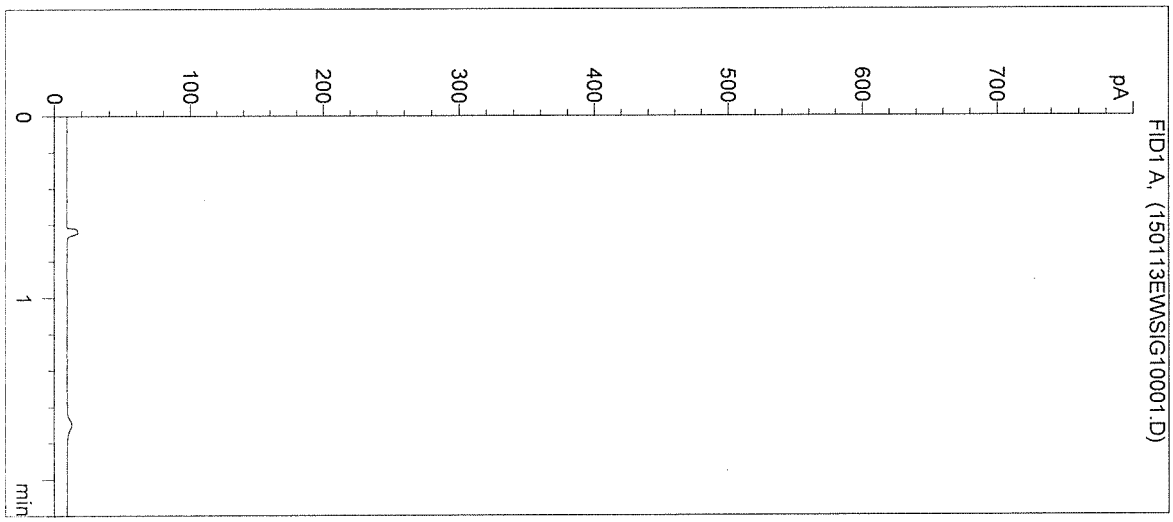
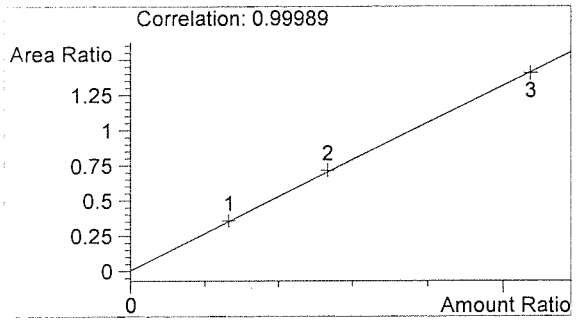
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/13/2015 1:42:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

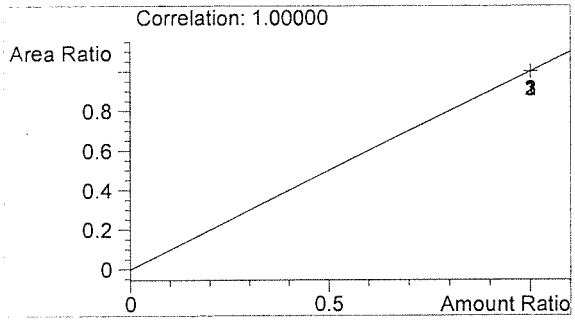
Sample Name: BLANK
Operator: Elizabeth Wehner
Location: Vial 1



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



Ethanol 0.000 g/100mL



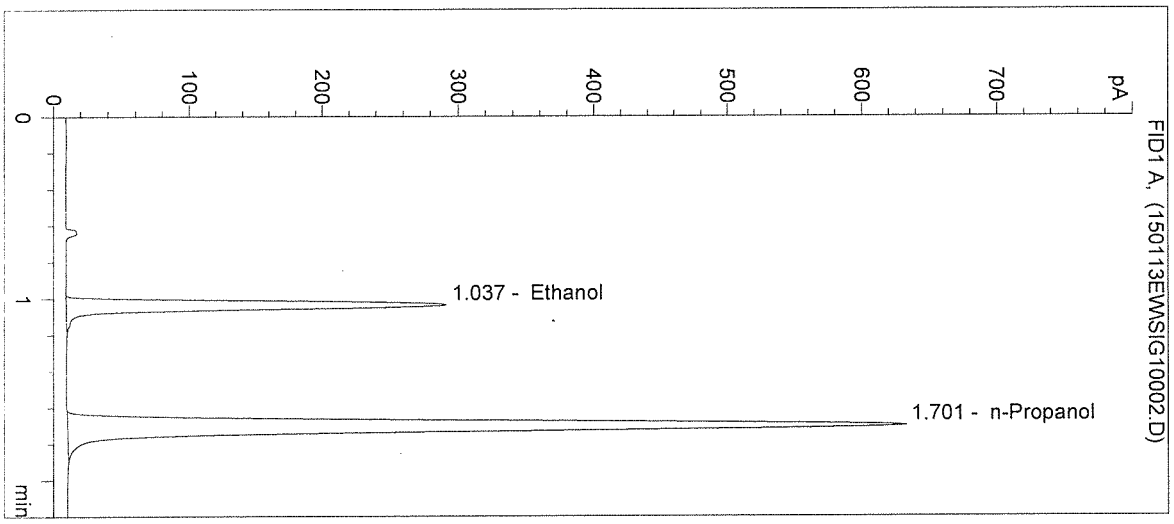
n-Propanol 0.000 g/100mL

EW

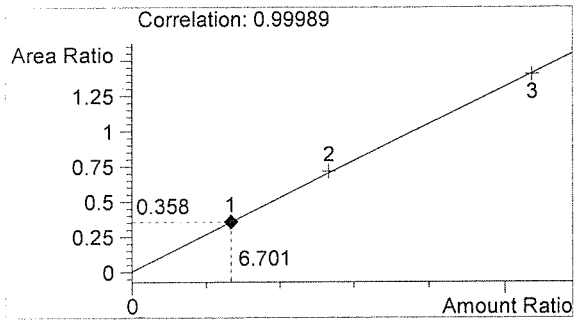
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/13/2015 1:45:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 1: 0.079 g/100mL
15002

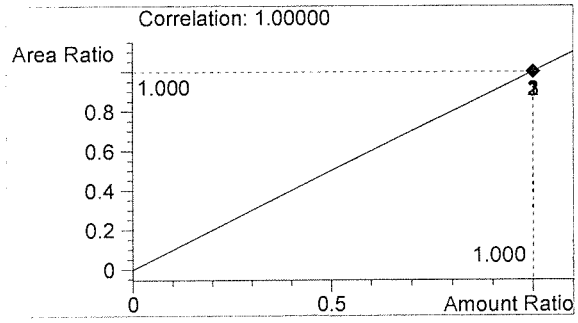
Sample Name: CAL 1 (0.079)
Operator: Elizabeth Wehner
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	878	1.037
2	n-Propanol	2450	1.701



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

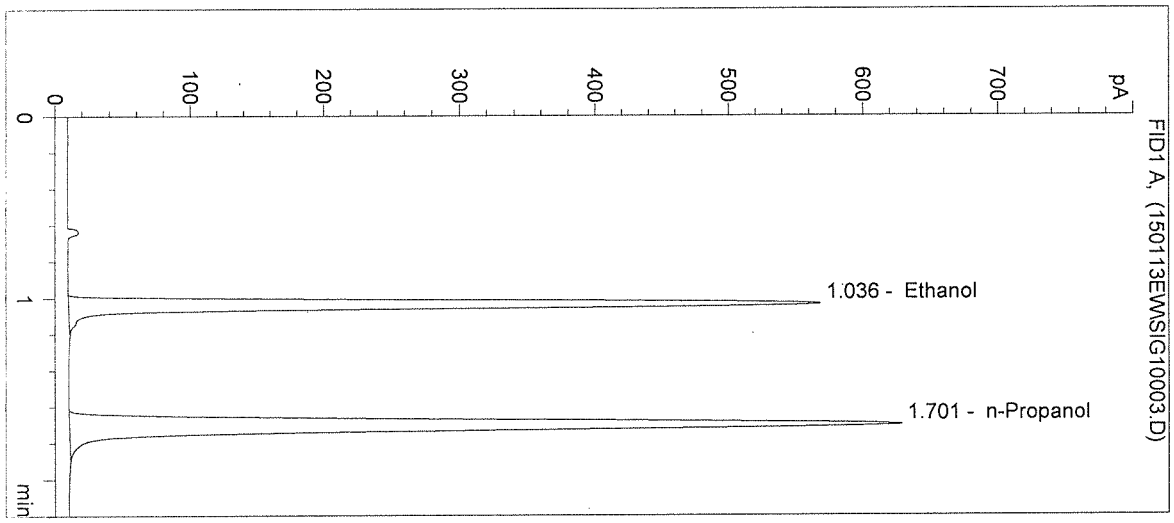
Data File: C:\HPCHEM\1\DATA\150113EW\SIG10002.D

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

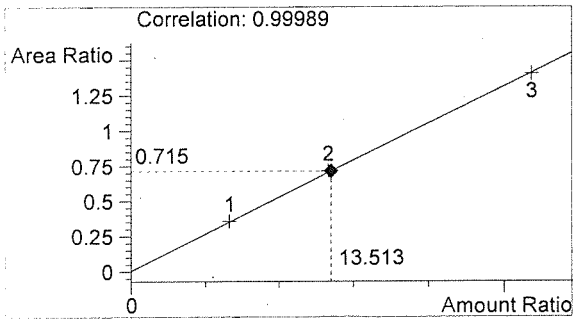
Inj. Date: 1/13/2015 1:48:54 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 2: 0.158 g/100mL
15002

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

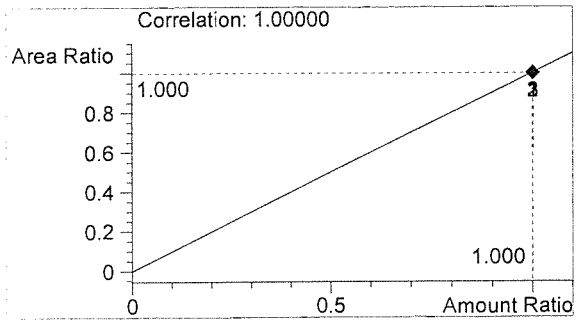
->



#	Compound	Peak Area	RT (min)
1	Ethanol	1743	1.036
2	n-Propanol	2439	1.701



Ethanol 0.162 g/100mL



n-Propanol 0.012 g/100mL

EW

Washington State Patrol Toxicology Laboratory
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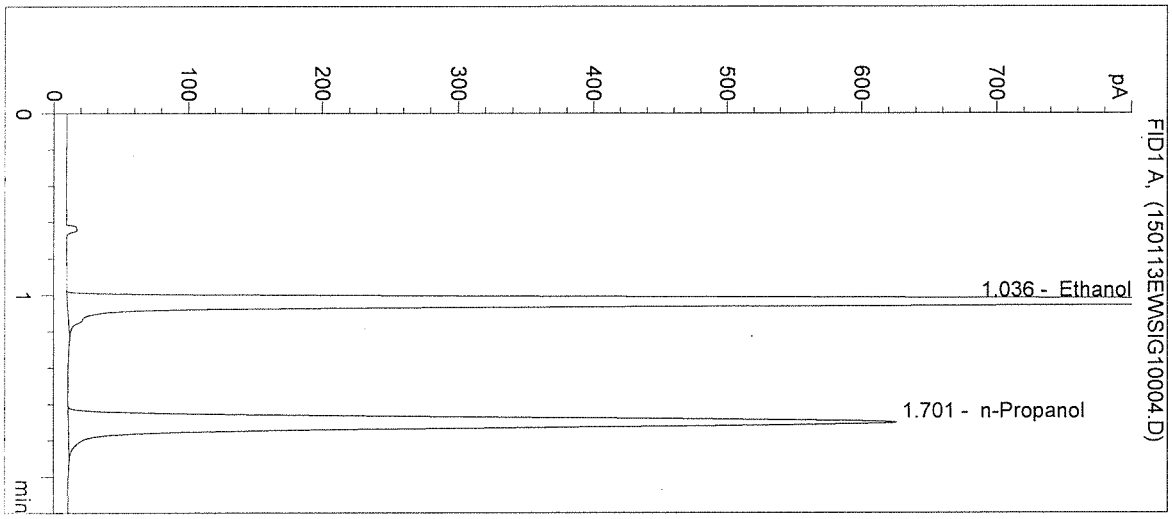
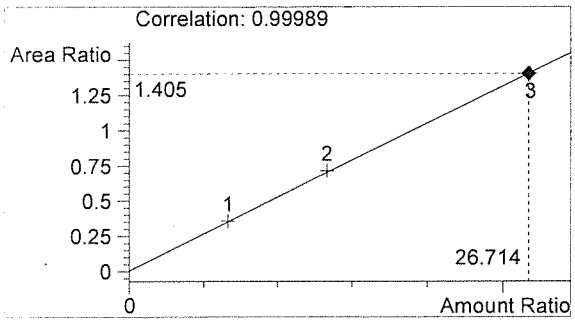
Inj. Date: 1/13/2015 1:52:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 3: 0.316 g/100mL
15002

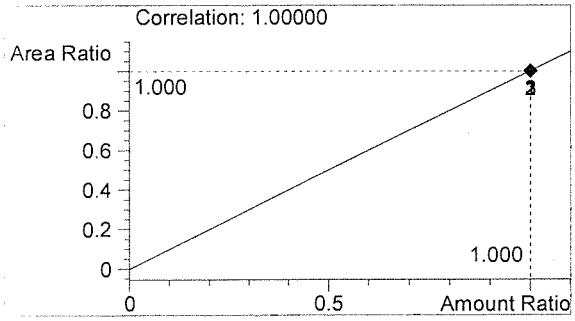
Sample Name: CAL 3 (0.316)
Operator: Elizabeth Wehner
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3400	1.036
2	n-Propanol	2420	1.701



Ethanol 0.321 g/100mL



n-Propanol 0.012 g/100mL

EW

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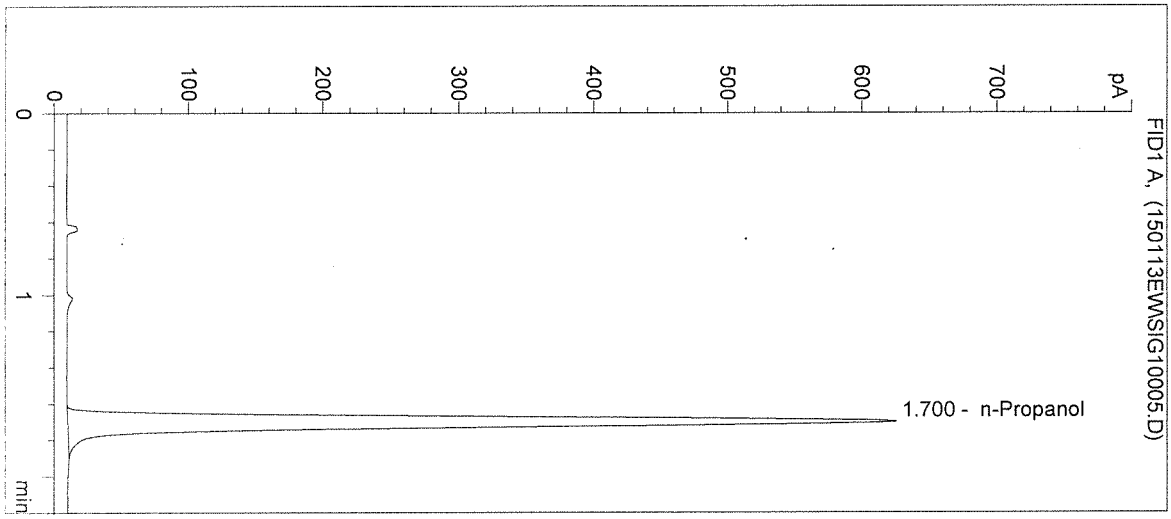
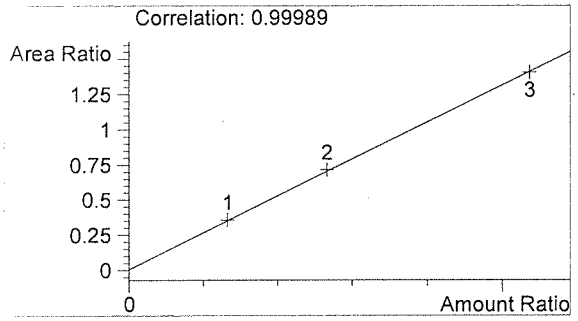
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/13/2015 1:55:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

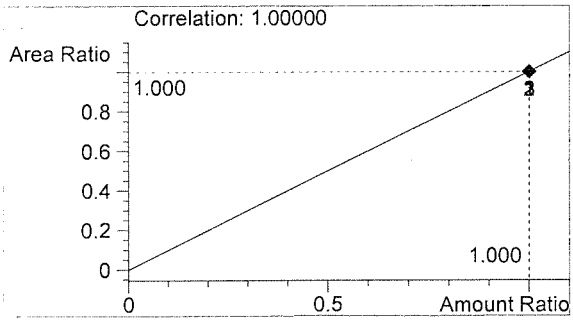
Sample Name: NEG CTRL
Operator: Elizabeth Wehner
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2424	1.700



Ethanol 0.000 g/100mL



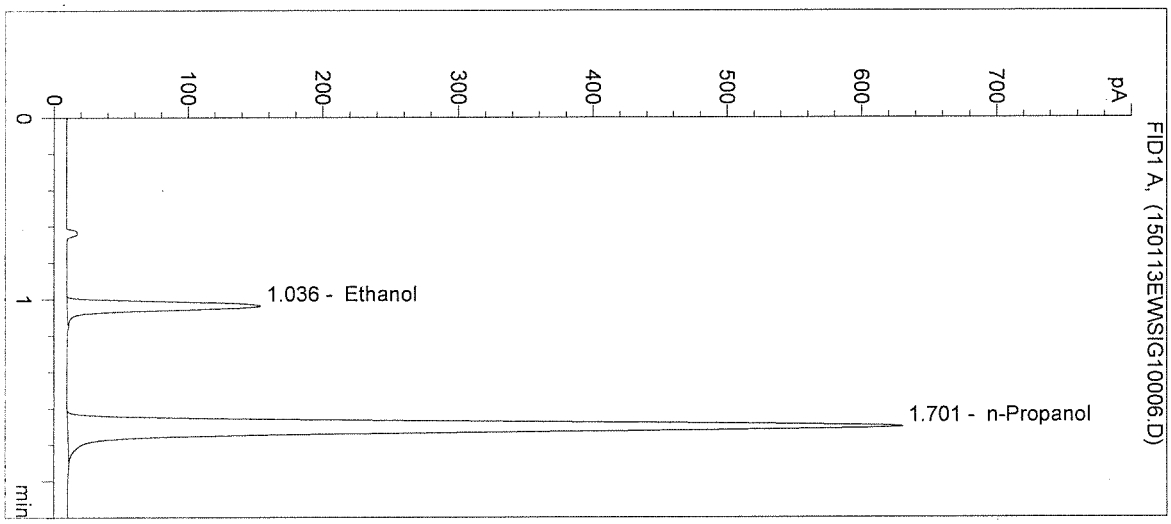
n-Propanol 0.012 g/100mL

EW

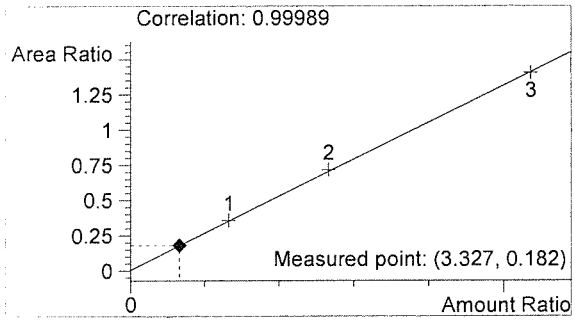
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/13/2015 1:58:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 1: 0.04 g/100mL
15002

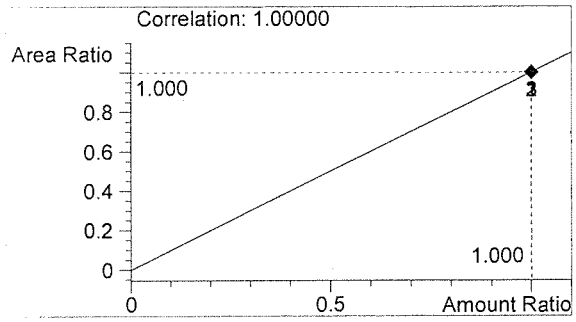
Sample Name: CTRL 1 (0.04)
Operator: Elizabeth Wehner
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	445	1.036
2	n-Propanol	2446	1.701



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

EW

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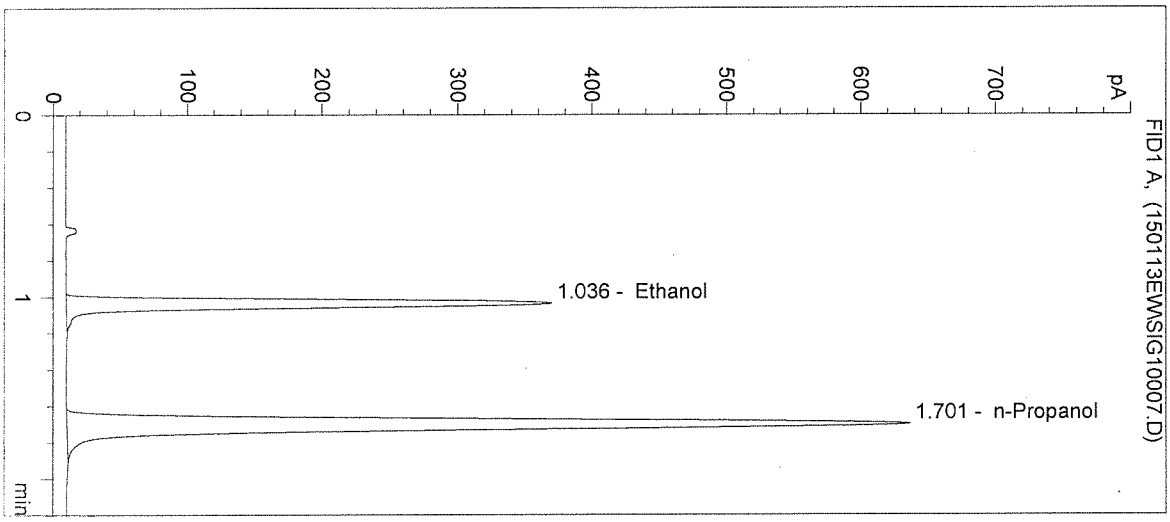
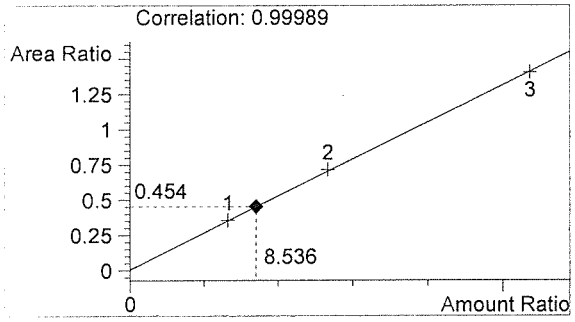
Inj. Date: 1/13/2015 2:01:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 2: 0.10 g/100mL
15002

Sample Name: CTRL 2 (0.10)
Operator: Elizabeth Wehner
Location: Vial 7

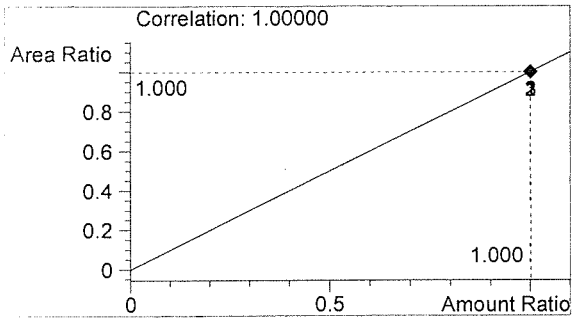
->



#	Compound	Peak Area	RT (min)
1	Ethanol	1122	1.036
2	n-Propanol	2469	1.701



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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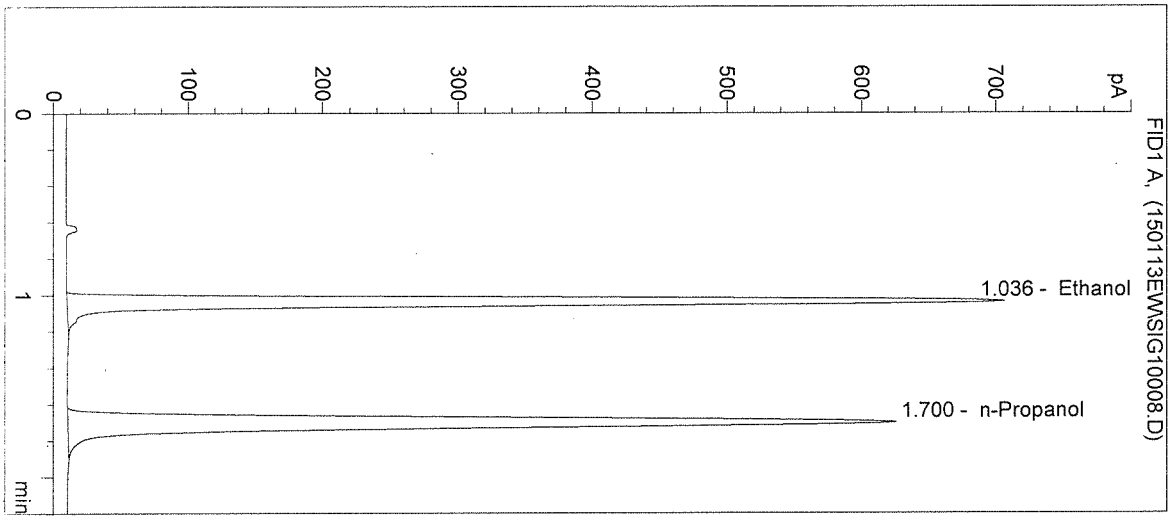
EW

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

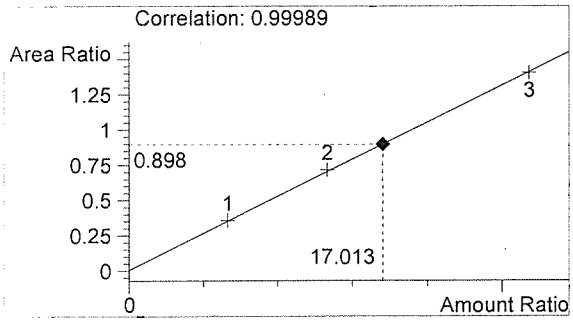
Inj. Date: 1/13/2015 2:05:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 3: 0.20 g/100mL
15002

Sample Name: CTRL 3 (0.20)
Operator: Elizabeth Wehner
Location: Vial 8

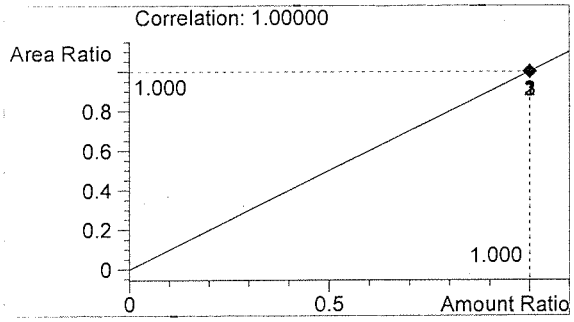
->



#	Compound	Peak Area	RT (min)
1	Ethanol	2172	1.036
2	n-Propanol	2420	1.700



Ethanol 0.204 g/100mL

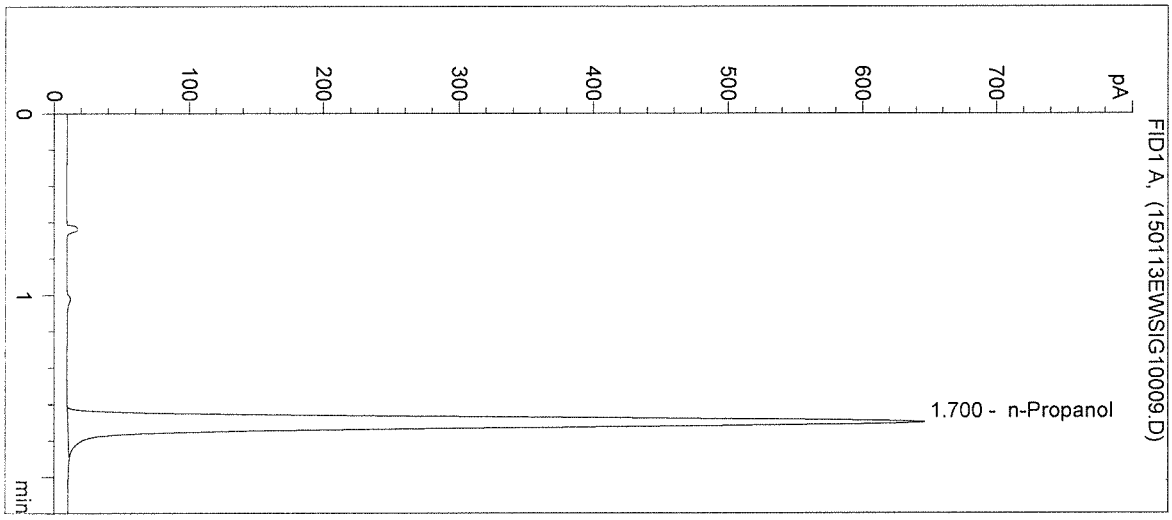


n-Propanol 0.012 g/100mL

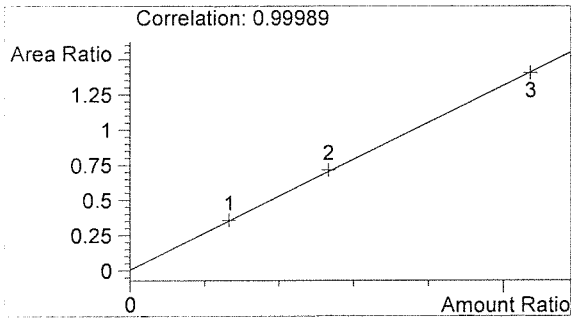
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/13/2015 2:08:17 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

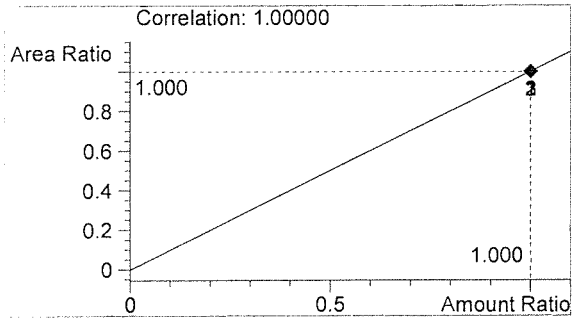
Sample Name: NEG CTRL
Operator: Elizabeth Wehner
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2504	1.700



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

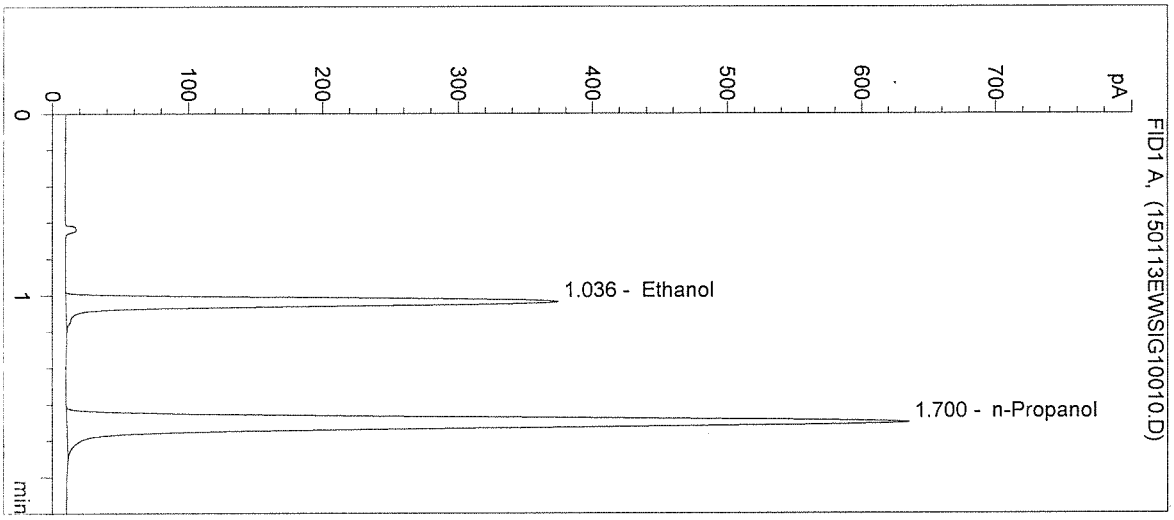
Data File: C:\HPCHEM\1\DATA\150113EW\SIG10009.D

EW

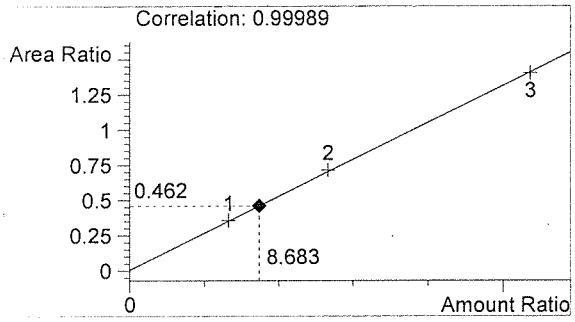
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/13/2015 2:11:31 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

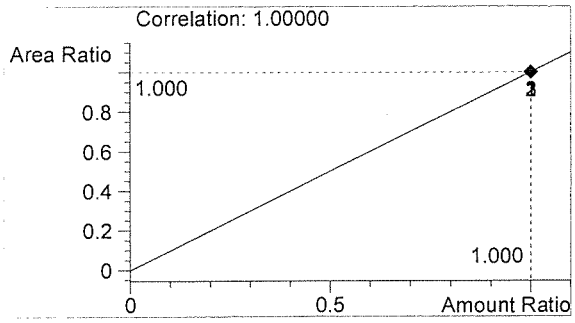
Sample Name: 15002 #1
Operator: Elizabeth Wehner
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1137	1.036
2	n-Propanol	2461	1.700



Ethanol 0.104 g/100mL



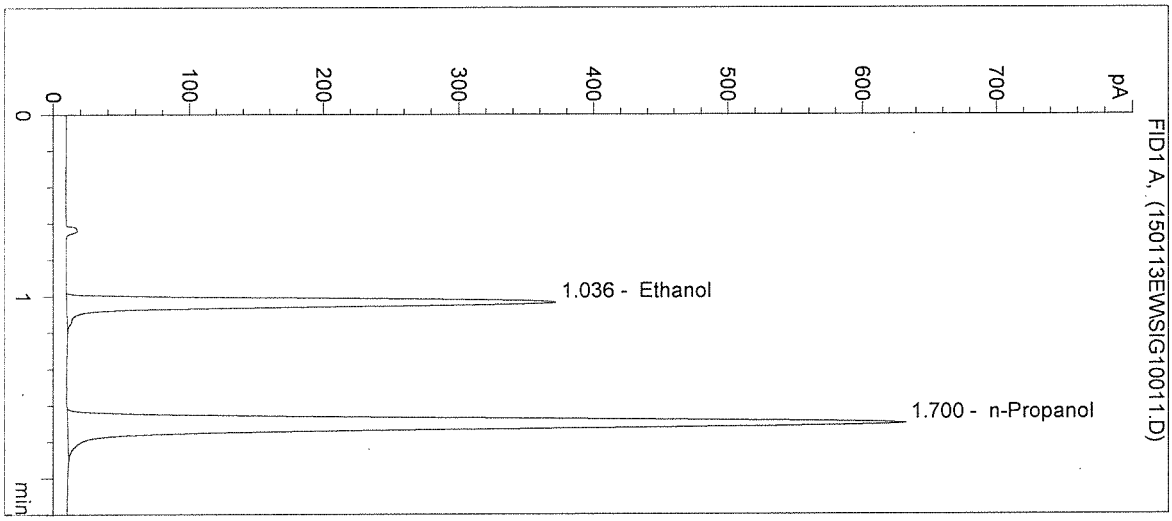
n-Propanol 0.012 g/100mL

EW

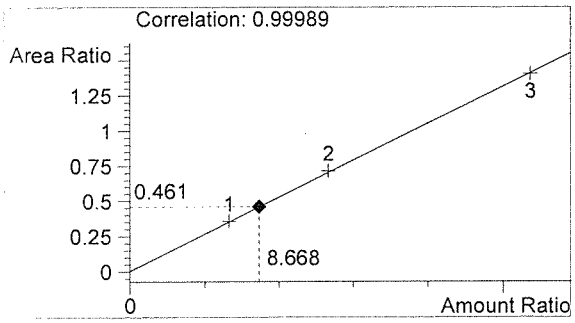
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/13/2015 2:14:44 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

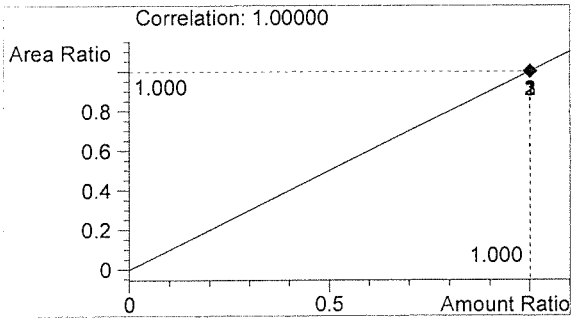
Sample Name: 15002 #2
Operator: Elizabeth Wehner
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1129	1.036
2	n-Propanol	2447	1.700



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

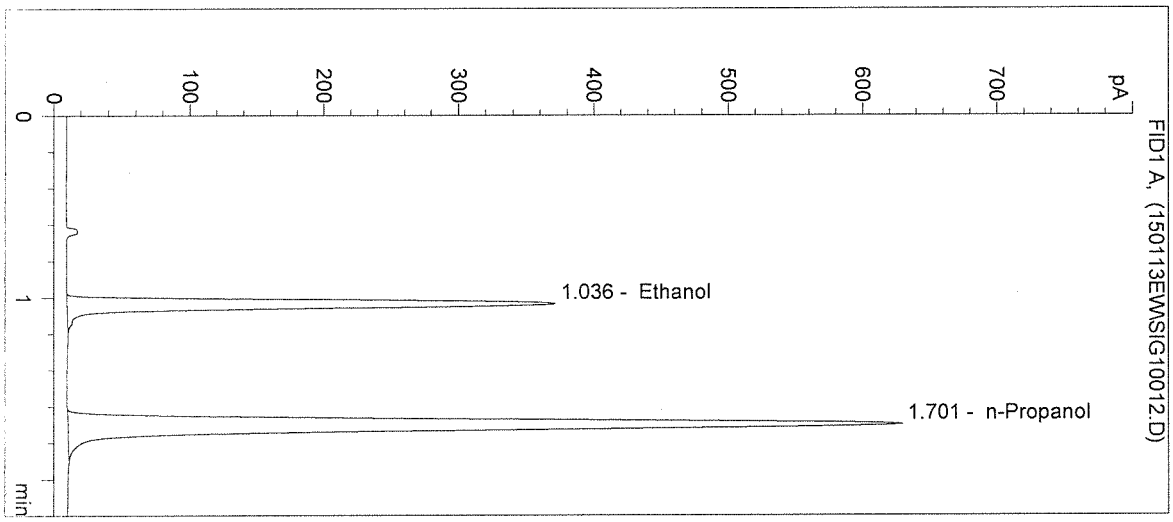
gr

EW

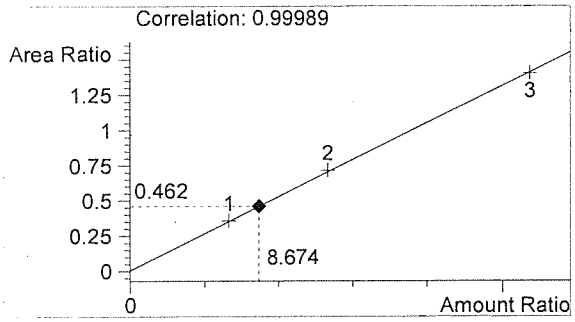
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/13/2015 2:17:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

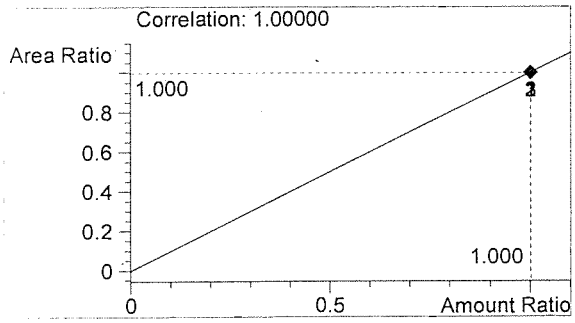
Sample Name: 15002 #3
Operator: Elizabeth Wehner
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1126	1.036
2	n-Propanol	2439	1.701



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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EW

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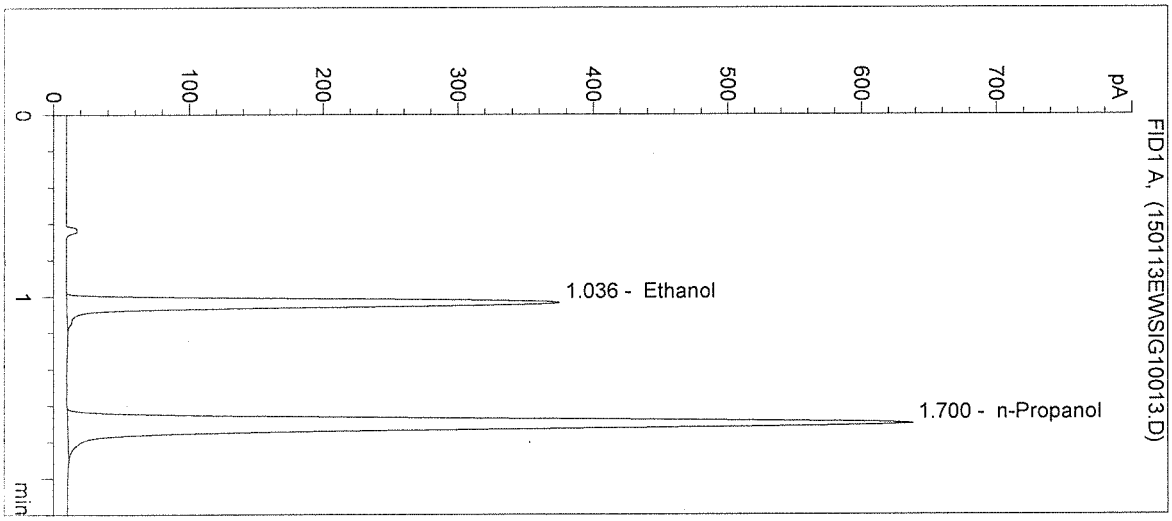
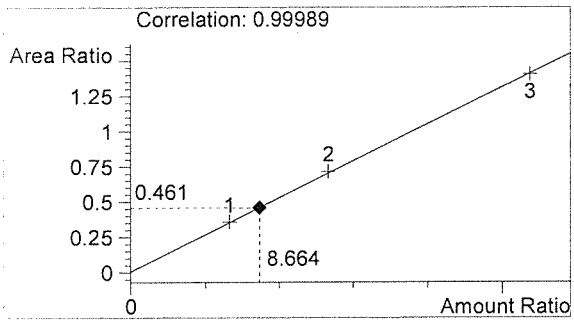
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/13/2015 2:21:10 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

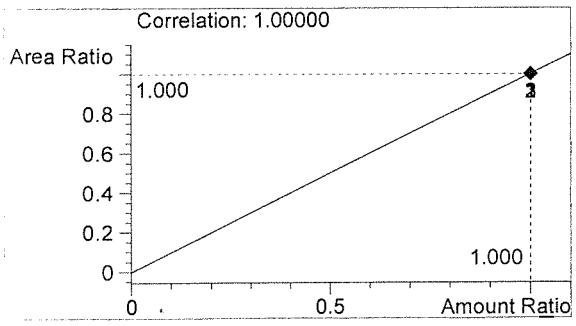
Sample Name: 15002 #4
Operator: Elizabeth Wehner
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1137	1.036
2	n-Propanol	2466	1.700



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

EW

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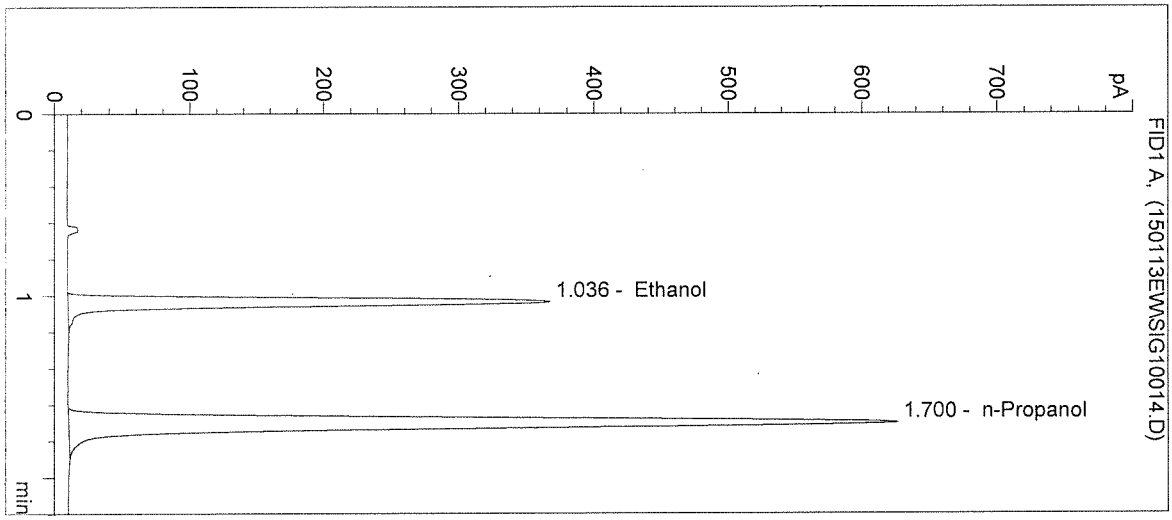
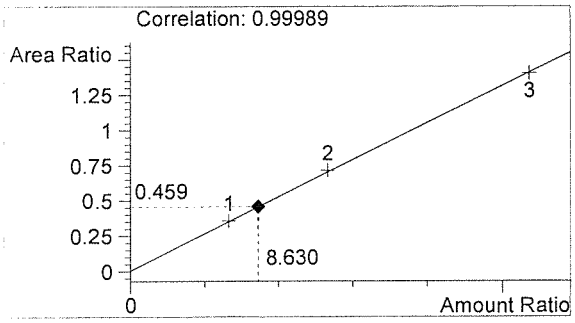
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/13/2015 2:24:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

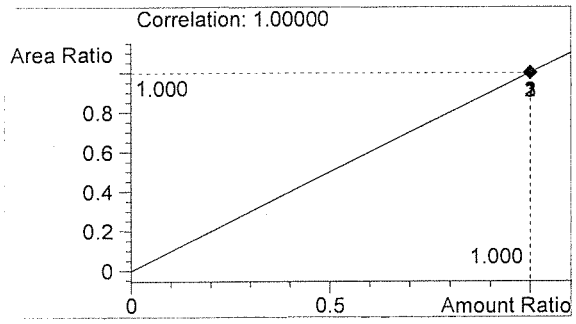
Sample Name: 15002 #5
Operator: Elizabeth Wehner
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.036
2	n-Propanol	2426	1.700



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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EW

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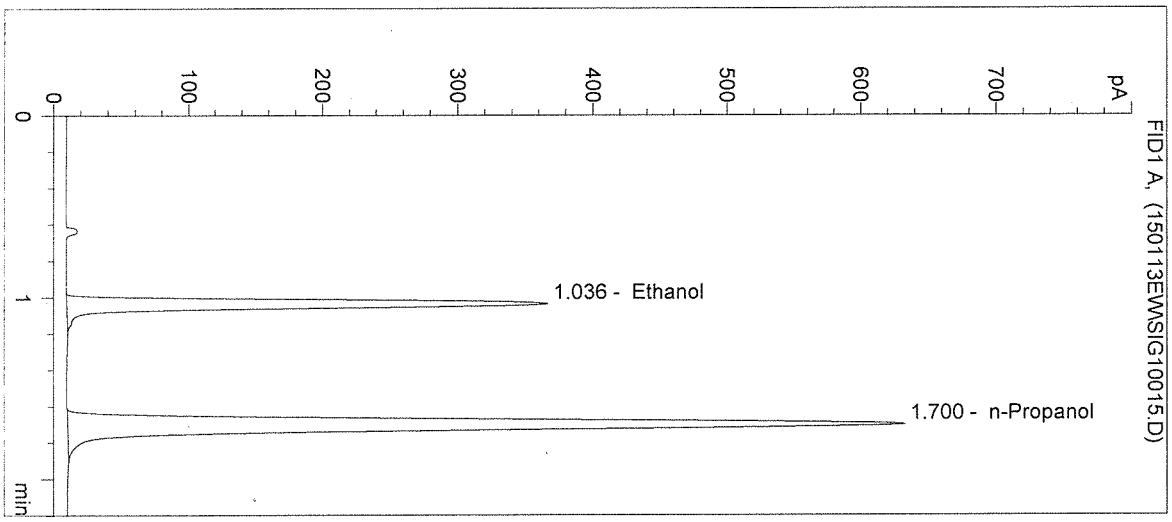
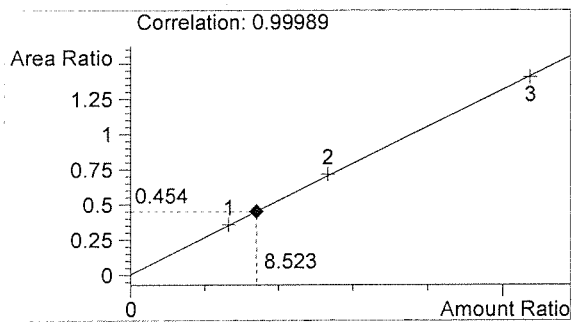
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/13/2015 2:27:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: POS Control: 0.10 g/100mL
15002

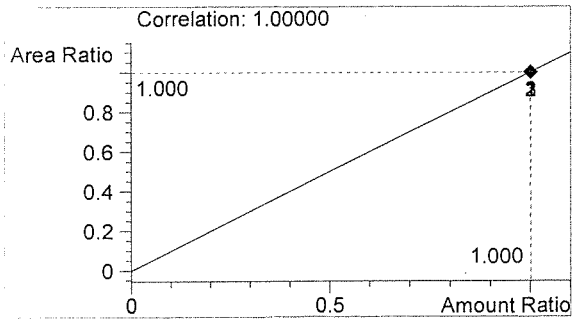
Sample Name: POS CTRL (0.10)
Operator: Elizabeth Wehner
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1113	1.036
2	n-Propanol	2452	1.700



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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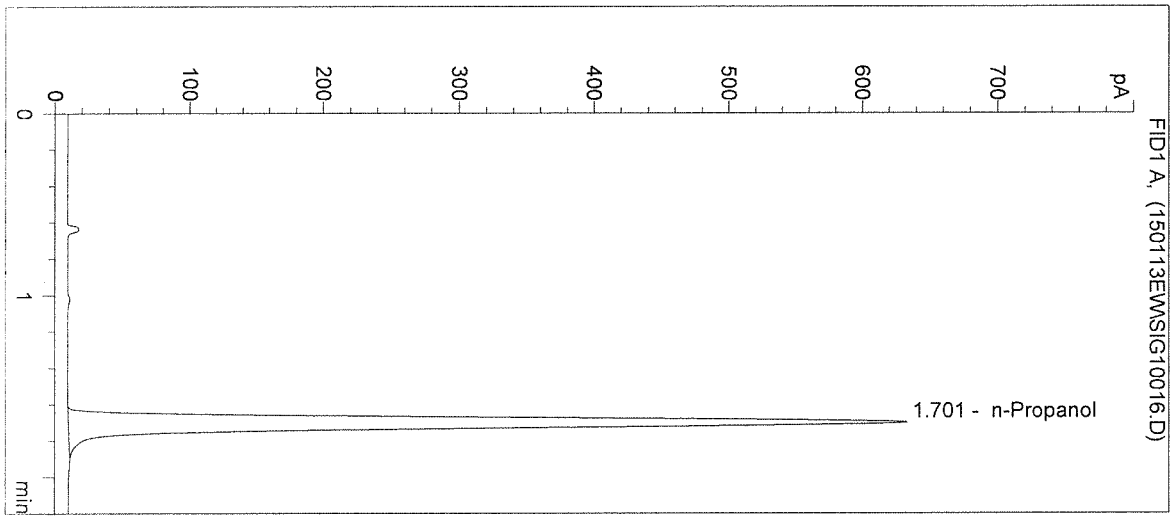
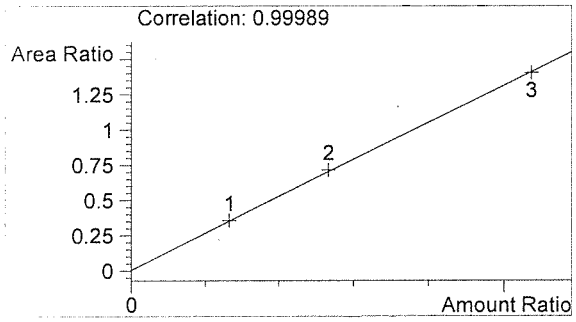
Inj. Date: 1/13/2015 2:30:49 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

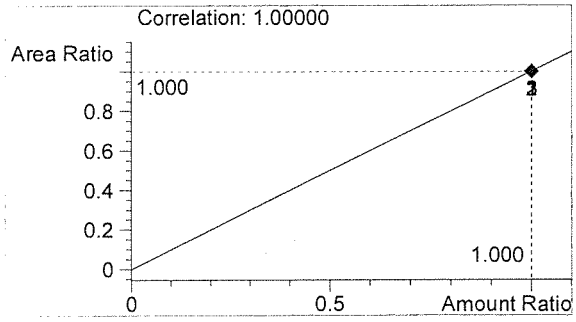
Sample Name: NEG CTRL
Operator: Elizabeth Wehner
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2455	1.701



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

EW

Sequence Parameters:

Operator:	Andrew Gingras
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	150115AG
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:

Ethanol Calibrator 1, E0814-01 - Exp. 02/19/15
Ethanol Calibrator 2, E0814-02 - Exp. 02/19/15
Ethanol Calibrator 3, E0814-03 - Exp. 02/19/15

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

ISTD Lot#P1114 - Exp. 2/20/2015

Calibration, vials 1-9, filed with 15002

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	Negative Control	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 Ctrl	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 Ctrl	SIMALC1	1	Ctrl Samp		
9	Vial 9	Negative Control	SIMALC1	1	Ctrl Samp		
10	Vial 10	15002 #1	SIMALC1	1	Sample		
11	Vial 11	15002 #2	SIMALC1	1	Sample		
12	Vial 12	15002 #3	SIMALC1	1	Sample		
13	Vial 13	15002 #4	SIMALC1	1	Sample		
14	Vial 14	15002 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative Control	SIMALC1	1	Ctrl Samp		
17	Vial 17	15003 #1	SIMALC1	1	Sample		
18	Vial 18	15003 #2	SIMALC1	1	Sample		
19	Vial 19	15003 #3	SIMALC1	1	Sample		
20	Vial 20	15003 #4	SIMALC1	1	Sample		
21	Vial 21	15003 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
23	Vial 23	Negative Control	SIMALC1	1	Ctrl Samp		

15002
2/4/15

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

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

15002
Jn 2/4/15

Calibration Table

Calib. Data Modified : Thursday, January 15, 2015 9:21:42 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	7.95500e-2	875.19025	9.08945e-5	1		Ethanol
		2	1.59740e-1	1726.62207	9.25159e-5			
		3	3.21980e-1	3419.44702	9.41614e-5			
1.701	1	1	1.20000e-2	2445.22900	4.90752e-6	I1		n-Propanol
		2	1.20000e-2	2446.38037	4.90521e-6			
		3	1.20000e-2	2444.36108	4.90926e-6			

Peak Sum Table

No Entries in table

15002
2/4/15

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Calibration Curves

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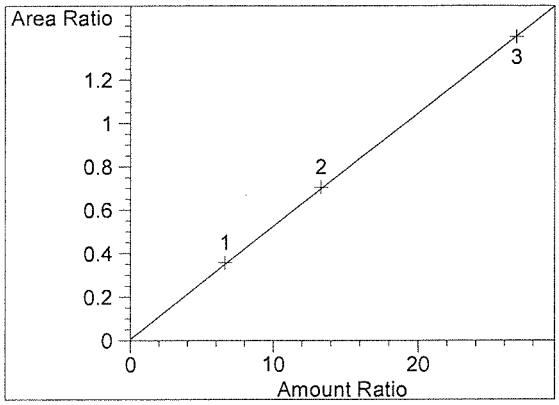
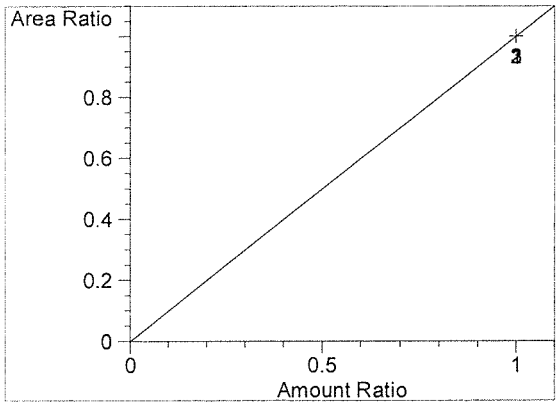


Ethanol at exp. RT: 1.036
FID1 A,
Correlation: 0.99993
Residual Std. Dev.: 0.00837
Formula: y = mx + b
m: 5.20270e-2
b: 7.29639e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.701
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

==========

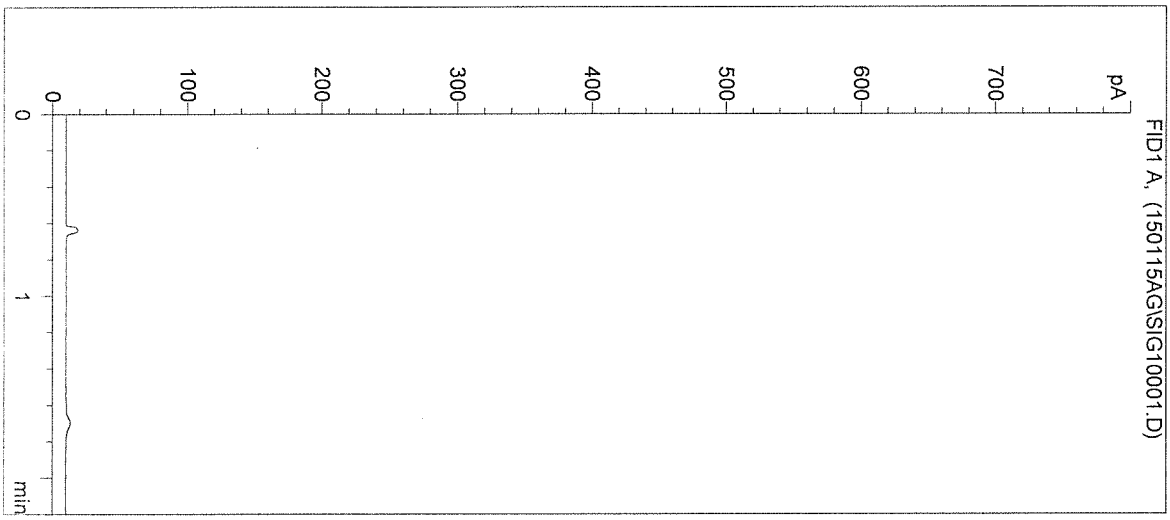
~~1 5 0 0 2~~ Jn 2/4/15

1 5 0 0 2
Jn 2/4/15

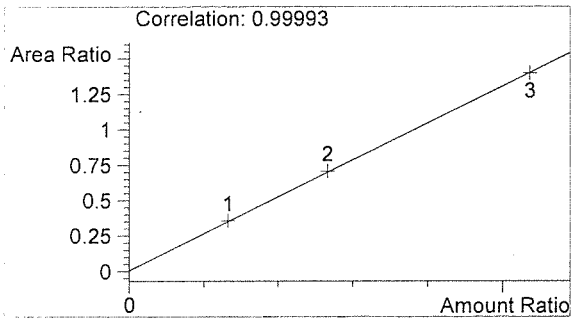
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 9:09:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

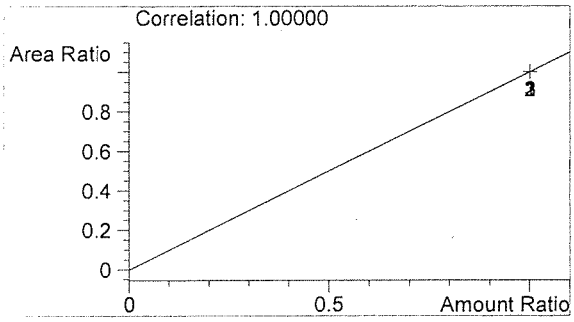
Sample Name: BLANK
Operator: Andrew Gingras
Location: Vial 1



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



Ethanol 0.000 g/100mL

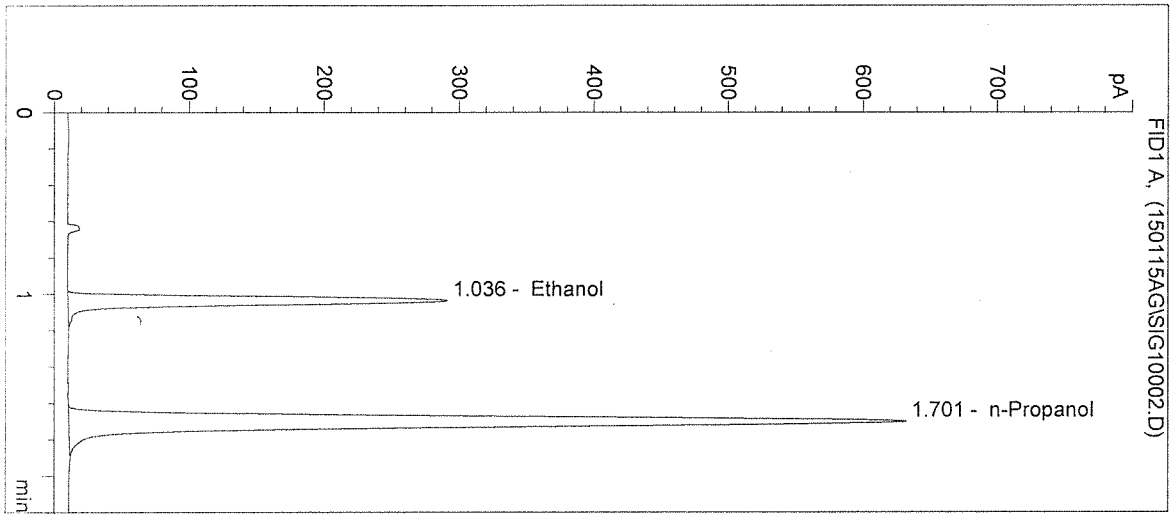


n-Propanol 0.000 g/100mL

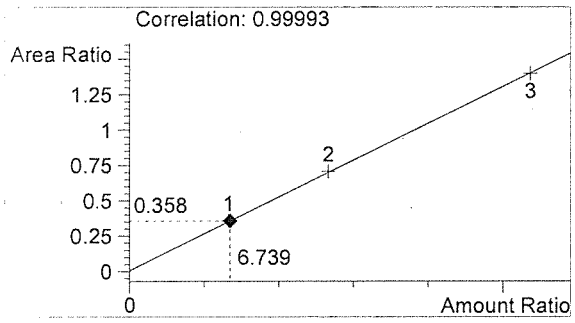
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 9:12:55 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

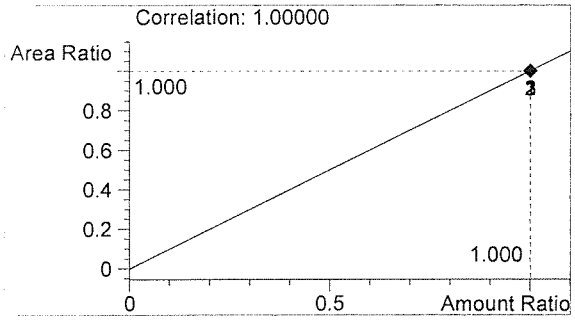
Sample Name: 0.079 CAL 1
Operator: Andrew Gingras
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	875	1.036
2	n-Propanol	2445	1.701



Ethanol 0.081 g/100mL

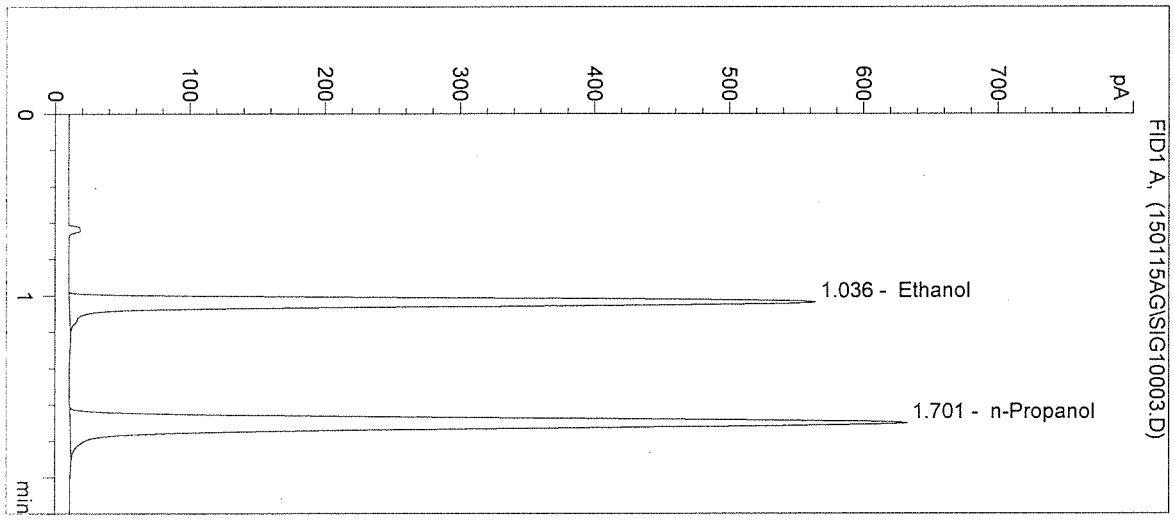


n-Propanol 0.012 g/100mL

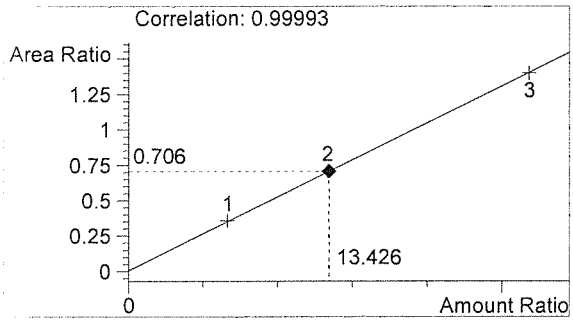
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 9:16:12 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

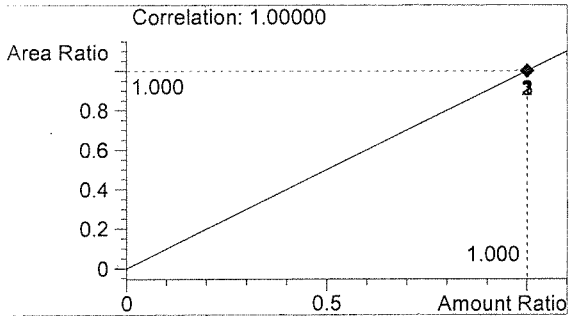
Sample Name: 0.158 CAL 2
Operator: Andrew Gingras
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1727	1.036
2	n-Propanol	2446	1.701



Ethanol 0.161 g/100mL

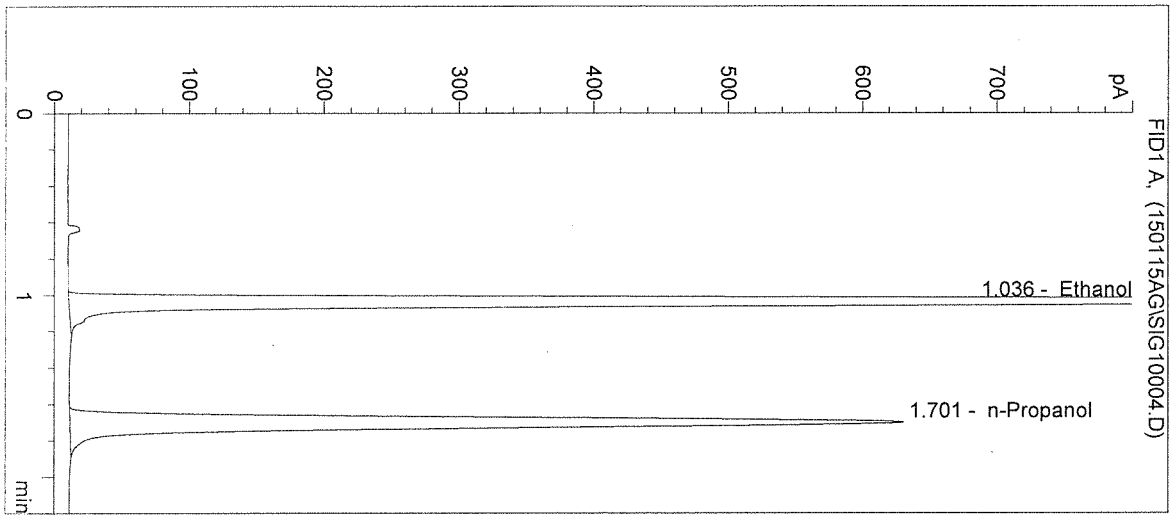


n-Propanol 0.012 g/100mL

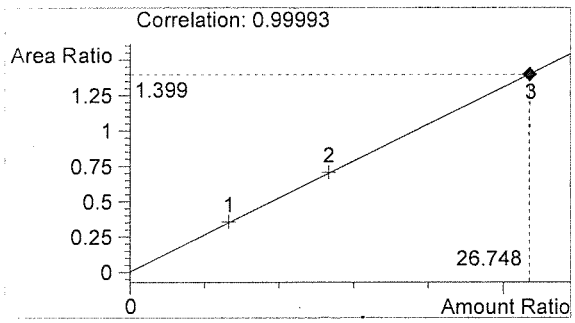
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 9:19:29 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

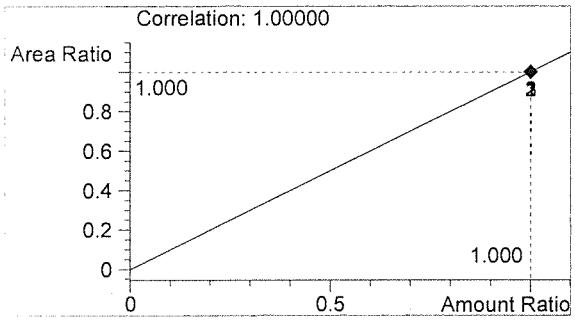
Sample Name: 0.316 CAL 3
Operator: Andrew Gingras
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3419	1.036
2	n-Propanol	2444	1.701



Ethanol 0.321 g/100mL

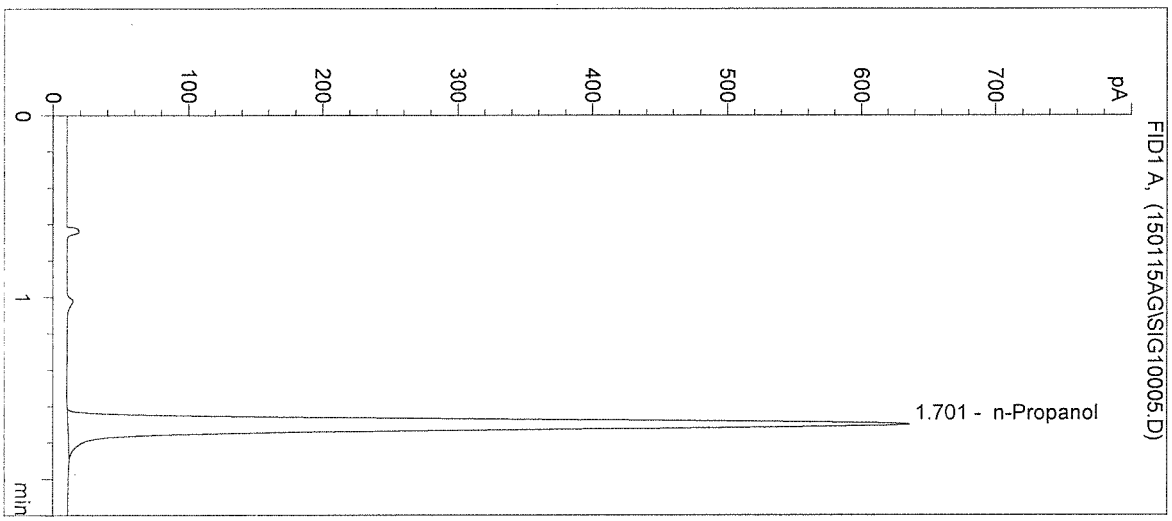


n-Propanol 0.012 g/100mL

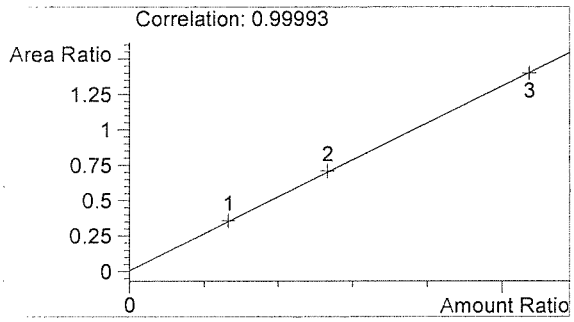
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 9:22:42 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

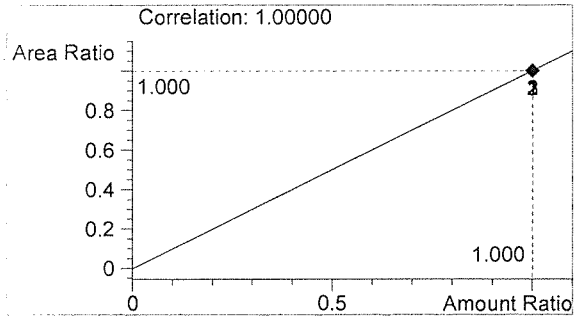
Sample Name: Negative Control
Operator: Andrew Gingras
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2462	1.701



Ethanol 0.000 g/100mL

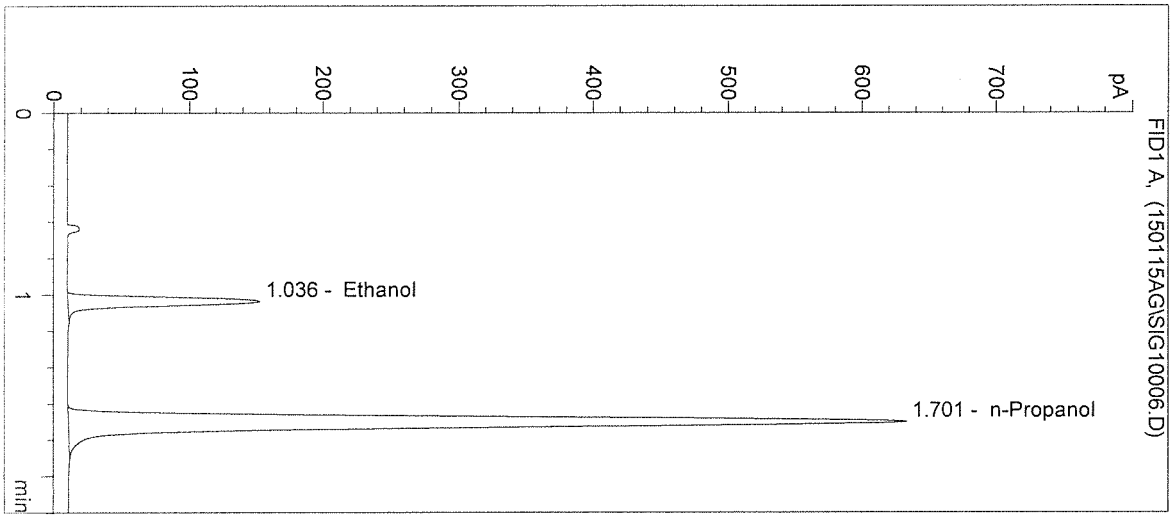


n-Propanol 0.012 g/100mL

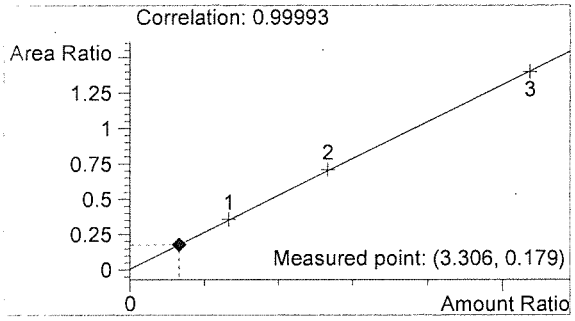
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 9:25:55 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

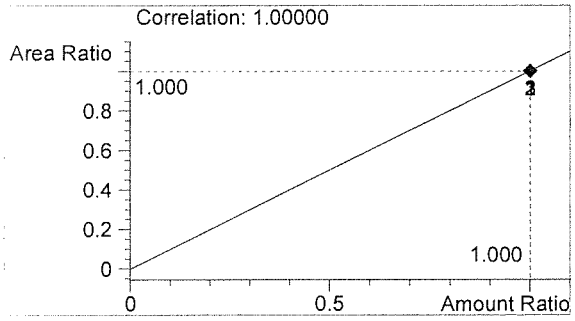
Sample Name: 0.04 Ctrl
Operator: Andrew Gingras
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	440	1.036
2	n-Propanol	2455	1.701



Ethanol 0.040 g/100mL

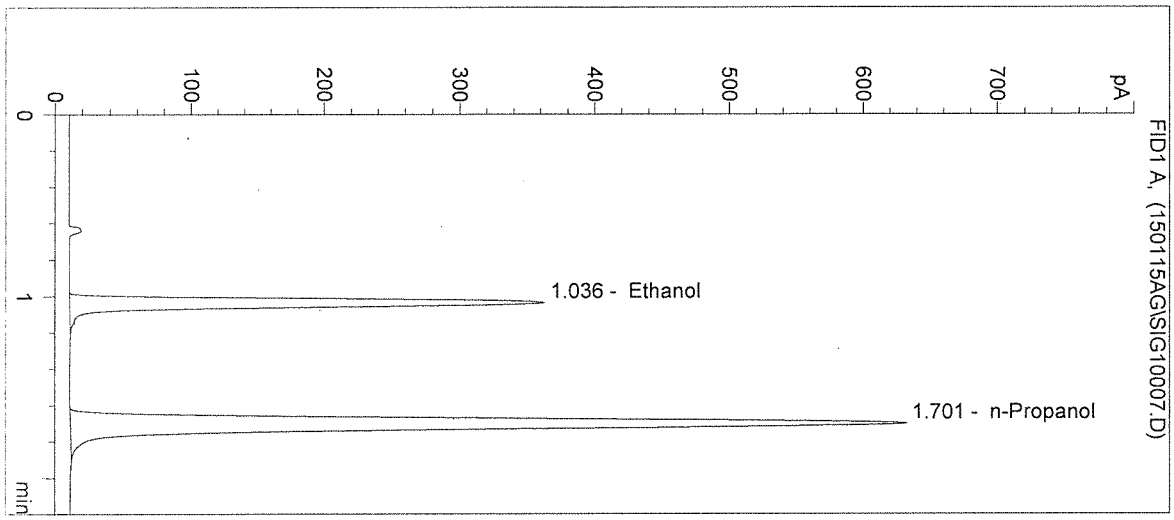


n-Propanol 0.012 g/100mL

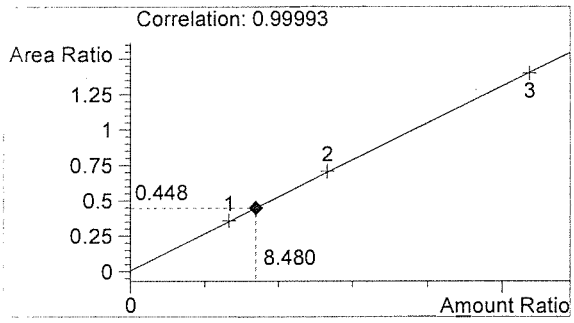
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 9:29:08 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

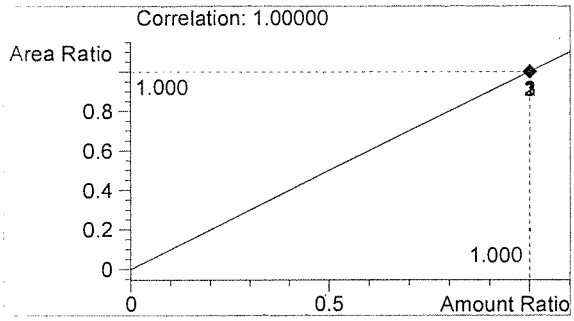
Sample Name: 0.10 Ctrl
Operator: Andrew Gingras
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1100	1.036
2	n-Propanol	2452	1.701



Ethanol 0.102 g/100mL

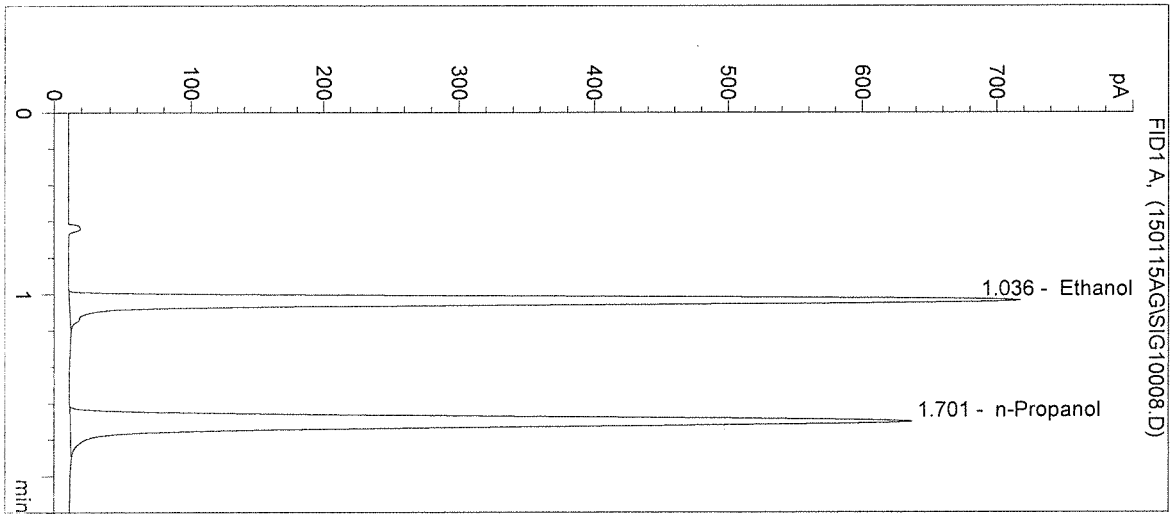


n-Propanol 0.012 g/100mL

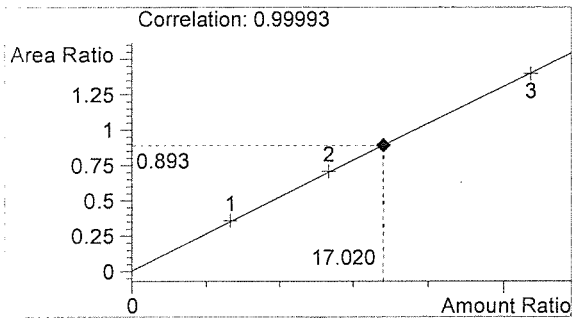
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 9:32:21 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

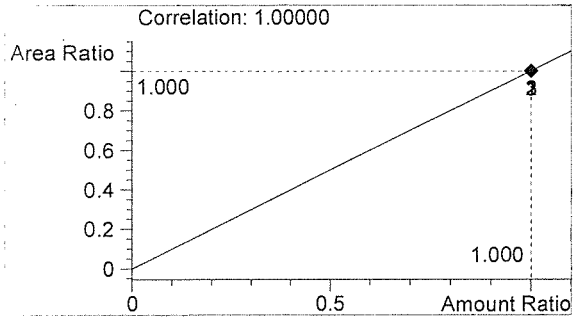
Sample Name: 0.20 Ctrl
Operator: Andrew Gingras
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2204	1.036
2	n-Propanol	2469	1.701



Ethanol 0.204 g/100mL

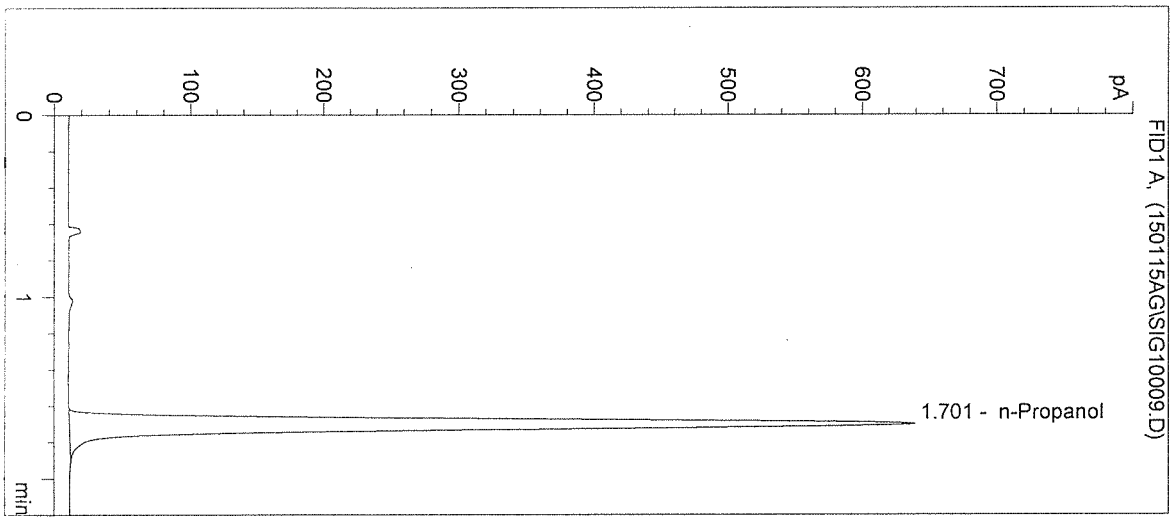


n-Propanol 0.012 g/100mL

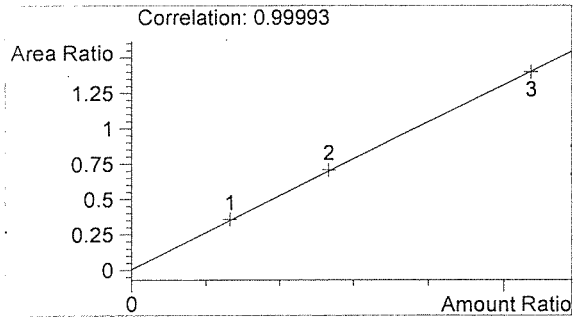
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 9:35:35 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

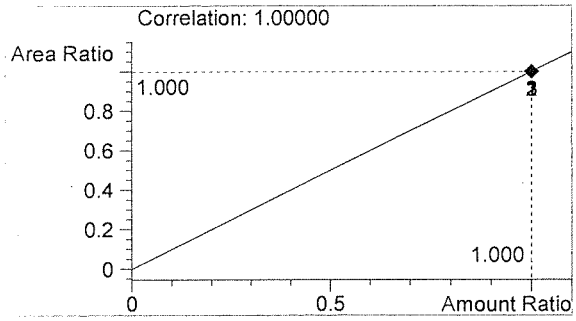
Sample Name: Negative Control
Operator: Andrew Gingras
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2475	1.701



Ethanol 0.000 g/100mL

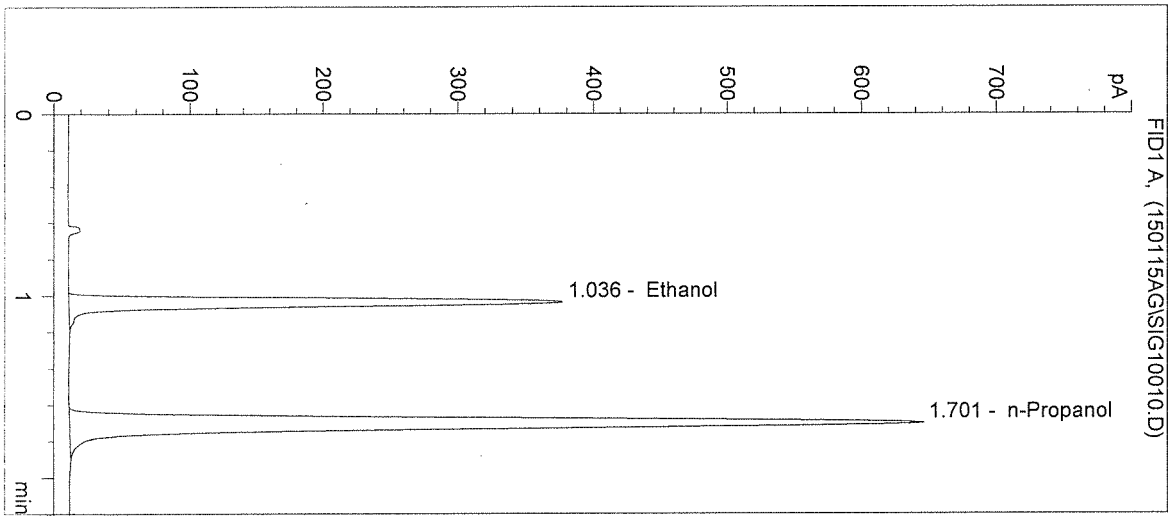


n-Propanol 0.012 g/100mL

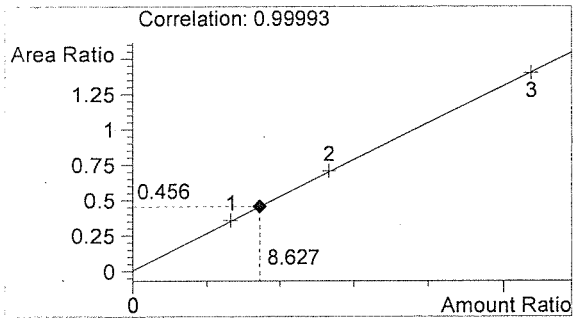
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 9:38:48 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

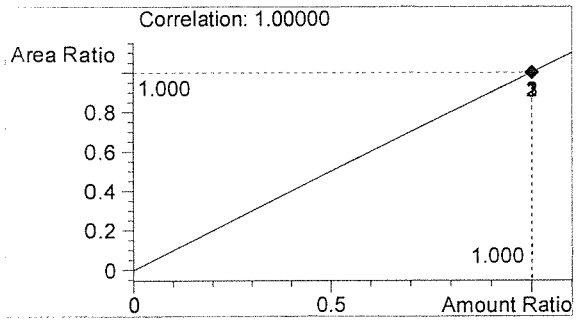
Sample Name: 15002 #1
Operator: Andrew Gingras
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1141	1.036
2	n-Propanol	2502	1.701



Ethanol 0.104 g/100mL

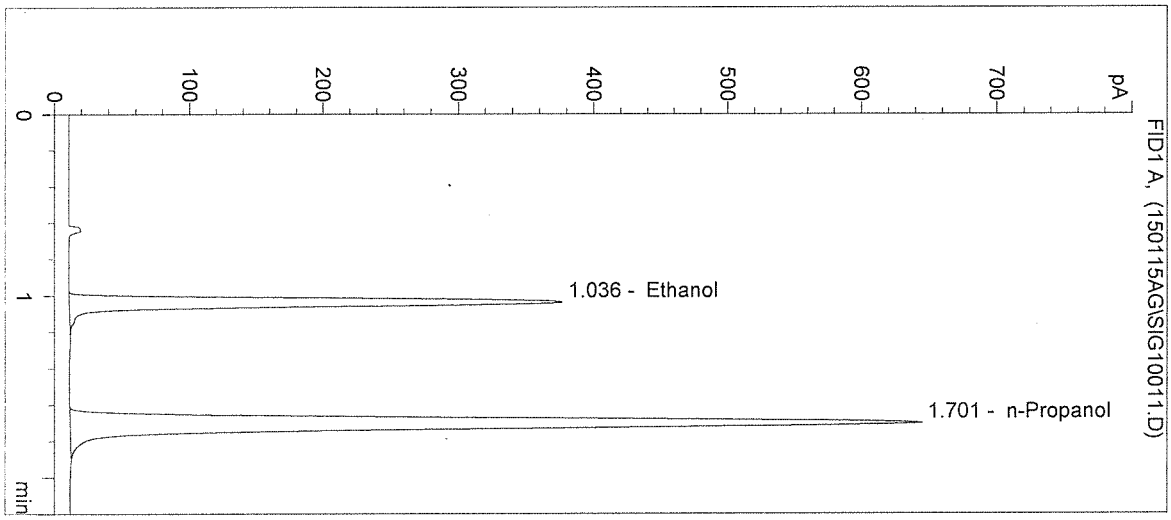


n-Propanol 0.012 g/100mL

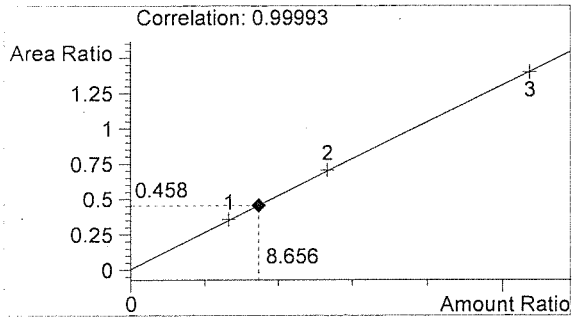
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 9:42:01 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

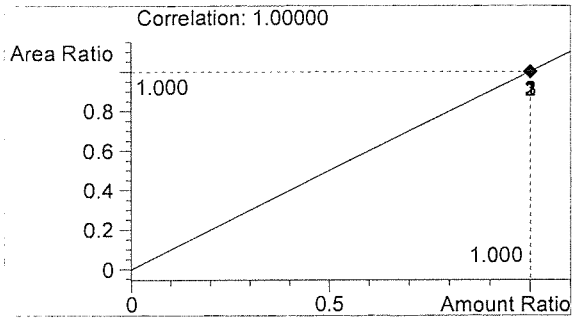
Sample Name: 15002 #2
Operator: Andrew Gingras
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1142	1.036
2	n-Propanol	2495	1.701



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

fr

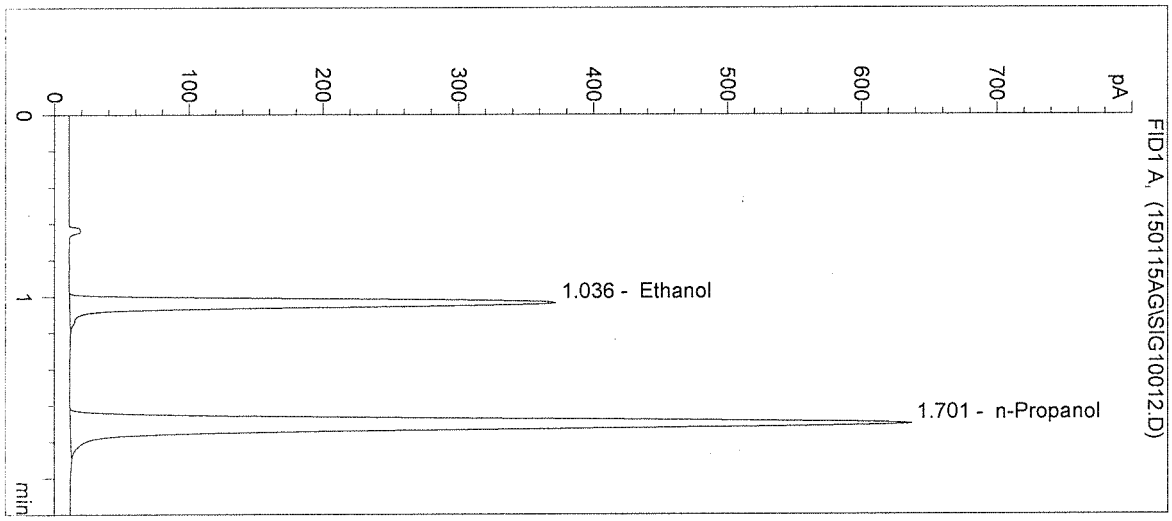
Data File: C:\HPCHEM\1\DATA\150115AG\SIG10011.D

AG

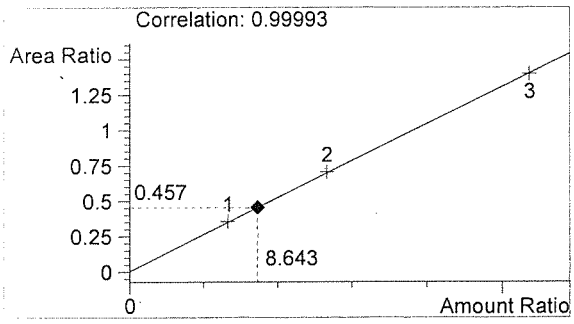
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 9:45:15 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

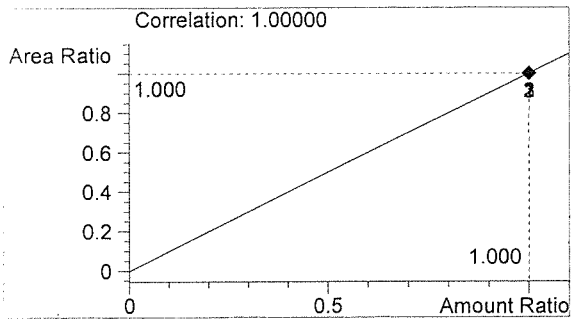
Sample Name: 15002 #3
Operator: Andrew Gingras
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1126	1.036
2	n-Propanol	2464	1.701



Ethanol 0.104 g/100mL



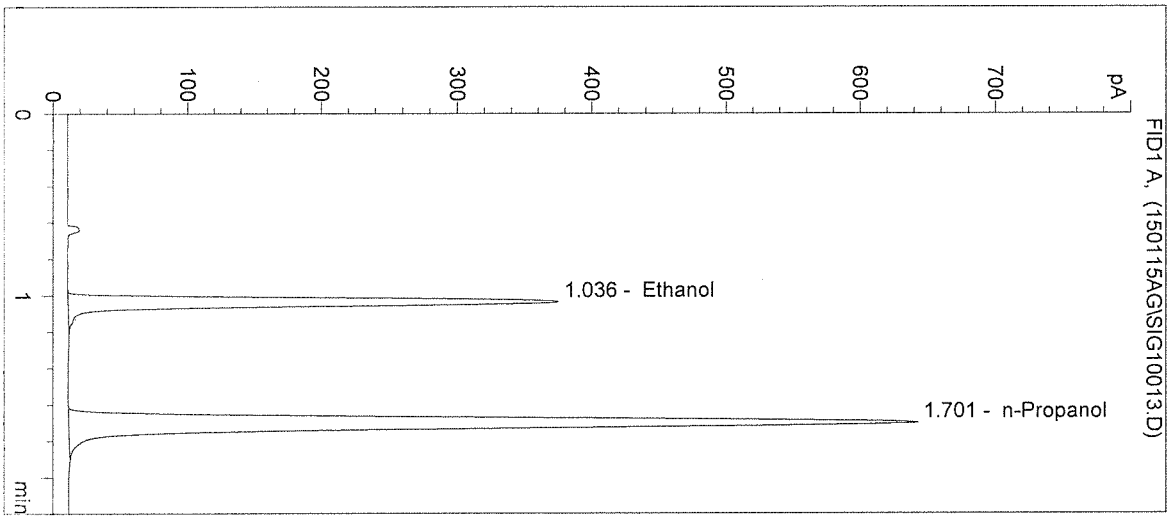
n-Propanol 0.012 g/100mL

fr

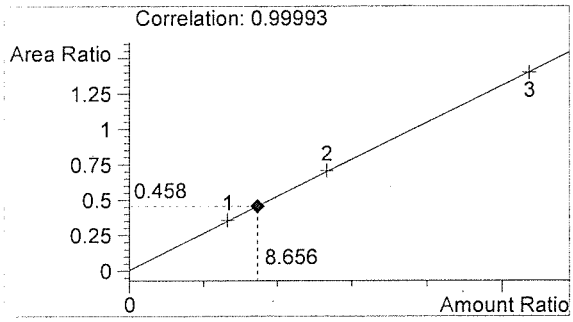
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 9:48:28 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

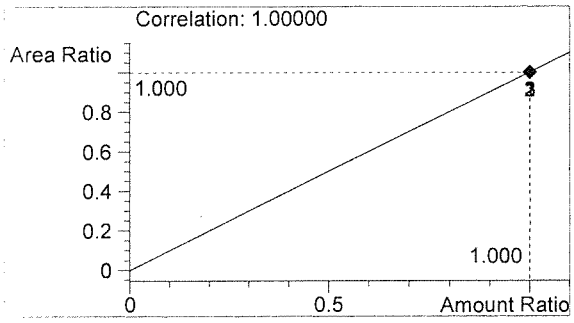
Sample Name: 15002 #4
Operator: Andrew Gingras
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1140	1.036
2	n-Propanol	2490	1.701



Ethanol 0.104 g/100mL

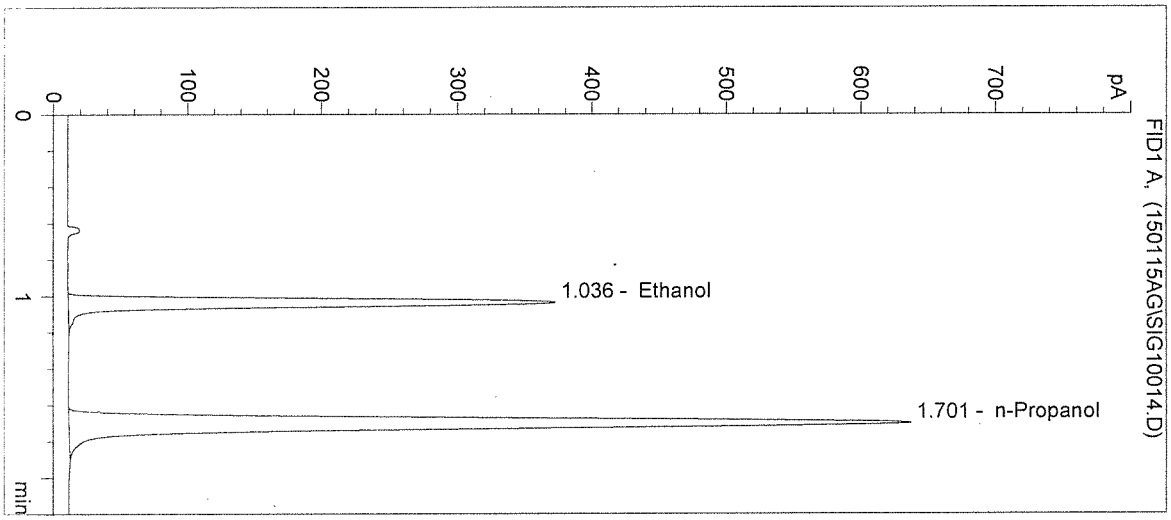


n-Propanol 0.012 g/100mL

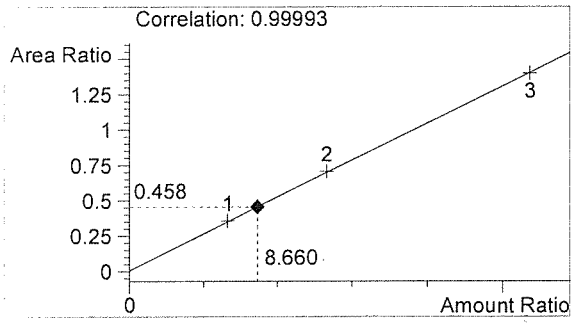
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 9:51:41 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

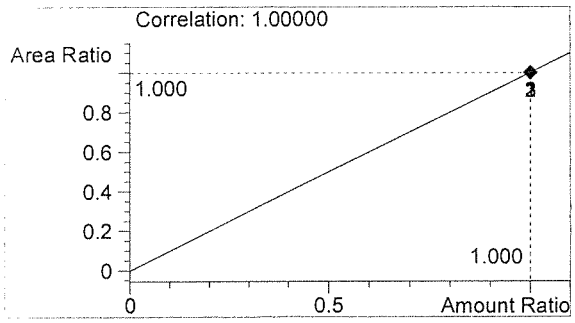
Sample Name: 15002 #5
Operator: Andrew Gingras
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1129	1.036
2	n-Propanol	2467	1.701



Ethanol 0.104 g/100mL

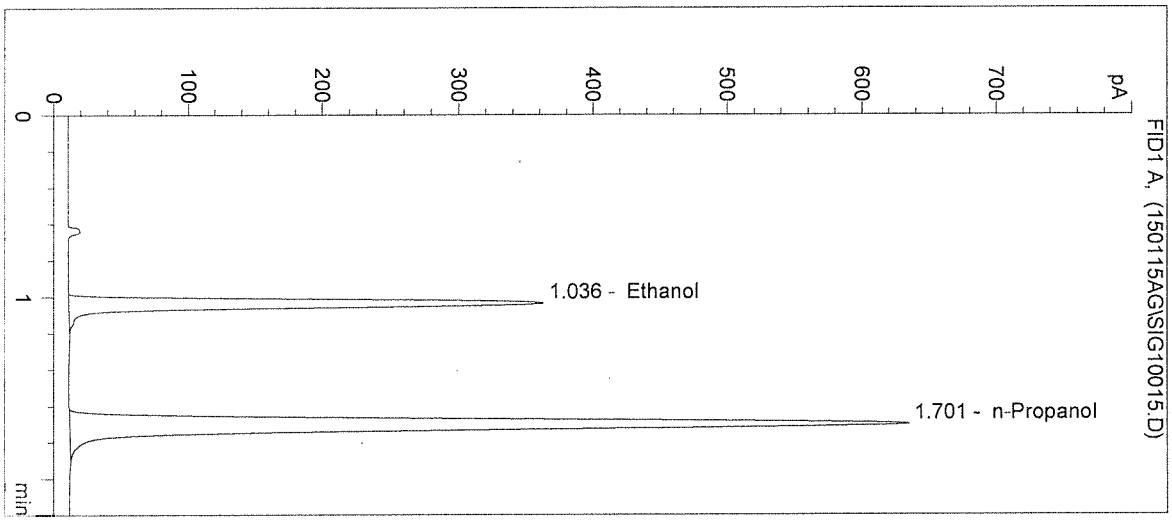


n-Propanol 0.012 g/100mL

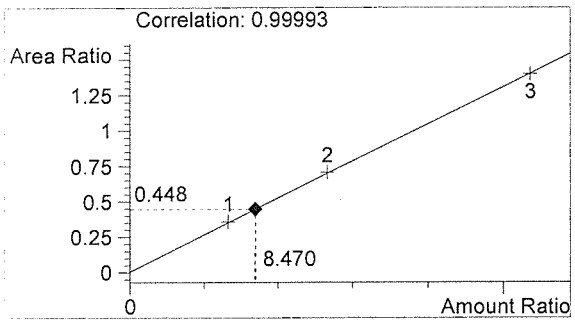
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 9:54:55 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

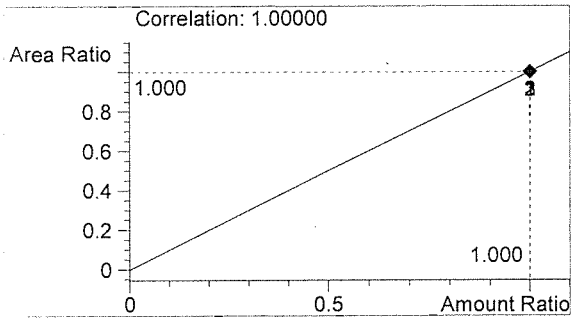
Sample Name: 0.10 Ctrl
Operator: Andrew Gingras
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1102	1.036
2	n-Propanol	2460	1.701



Ethanol 0.102 g/100mL

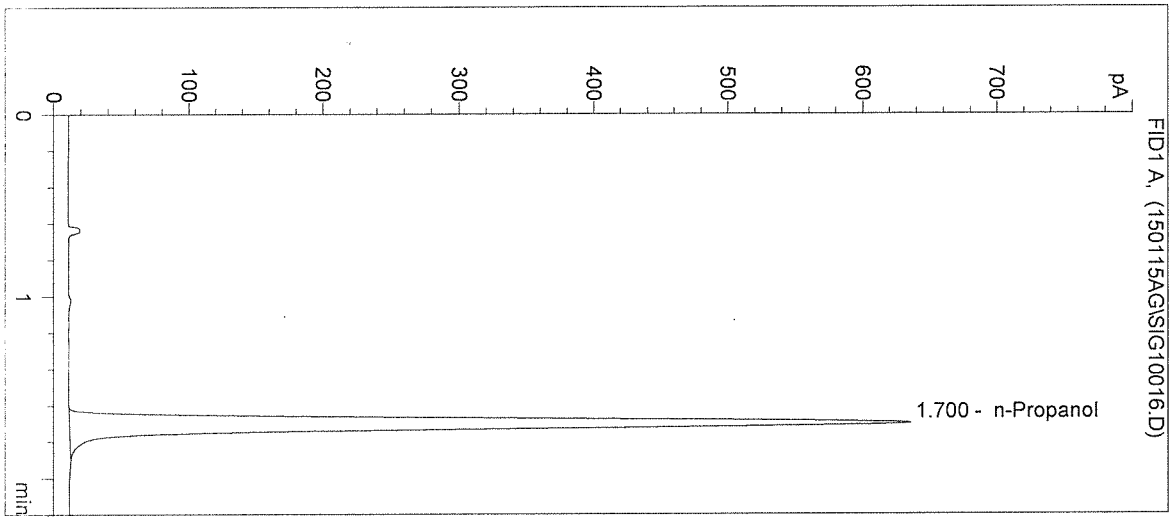


n-Propanol 0.012 g/100mL

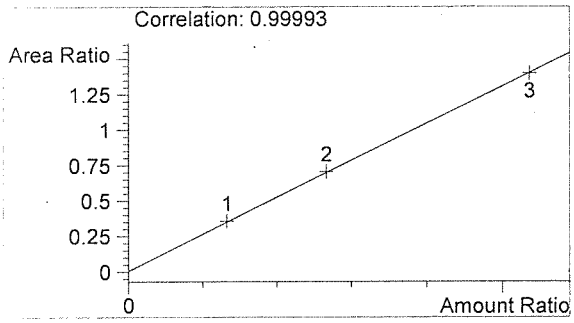
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 9:58:08 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

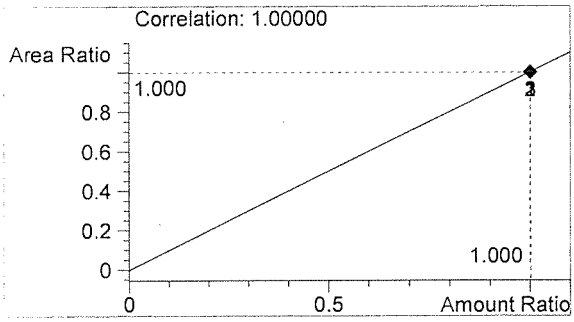
Sample Name: Negative Control
Operator: Andrew Gingras
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2463	1.700



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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

Sequence Parameters:

Operator:	Dawn Sklerov
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	150115DS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0814-01 - Exp. 02/19/2015
Ethanol Calibrator 2, E0814-02 - Exp. 02/19/2015
Ethanol Calibrator 3, E0814-03 - Exp. 02/19/2015
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#P1114 - Exp. 2/20/15

Calibration vials 1-9 filed with 150032 DS 1/15/15

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	15002-1	SIMALC1	1	Sample		
11	Vial 11	15002-2	SIMALC1	1	Sample		
12	Vial 12	15002-3	SIMALC1	1	Sample		
13	Vial 13	15002-4	SIMALC1	1	Sample		
14	Vial 14	15002-5	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	15003-1	SIMALC1	1	Sample		
18	Vial 18	15003-2	SIMALC1	1	Sample		
19	Vial 19	15003-3	SIMALC1	1	Sample		
20	Vial 20	15003-4	SIMALC1	1	Sample		
21	Vial 21	15003-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		

15002
yn 2/4/15

DS

Calibration Part:

Sequence: C:\HPCHEM\1\SEQUENCE\DCESSM.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!

15002
fn 2/4/15

DS

Calibration Table

Calib. Data Modified : Thursday, January 15, 2015 12:34:16 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	7.95500e-2	859.39081	9.25656e-5	1		Ethanol
		2	1.59740e-1	1815.05859	8.80082e-5			
		3	3.21980e-1	3760.25684	8.56271e-5			
1.700	1	1	1.20000e-2	2410.53491	4.97815e-6		I1	n-Propanol
		2	1.20000e-2	2519.60547	4.76265e-6			
		3	1.20000e-2	2605.77271	4.60516e-6			

Peak Sum Table

No Entries in table

15002
Jn 2/4/15

DS

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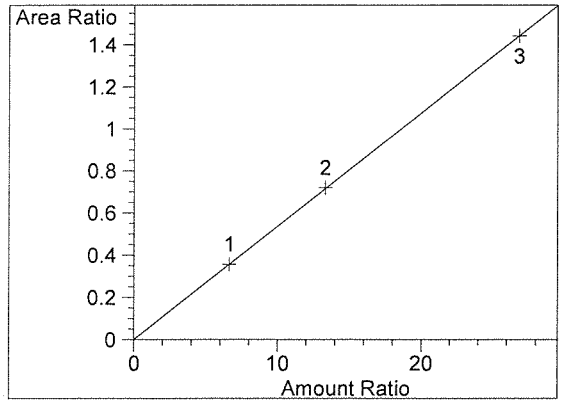
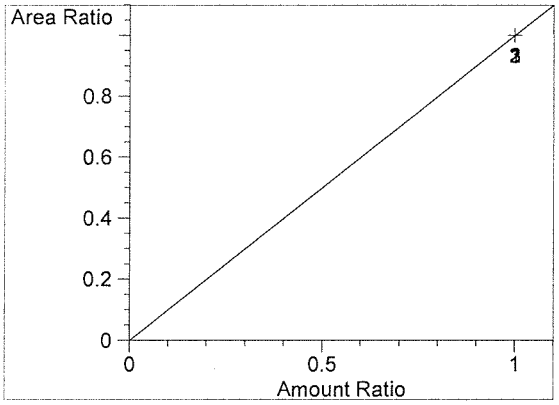
Calibration Curves

==========



Ethanol at exp. RT: 1.036
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00272
Formula: y = mx + b
m: 5.38000e-2
b: 8.94322e-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

==========

15002

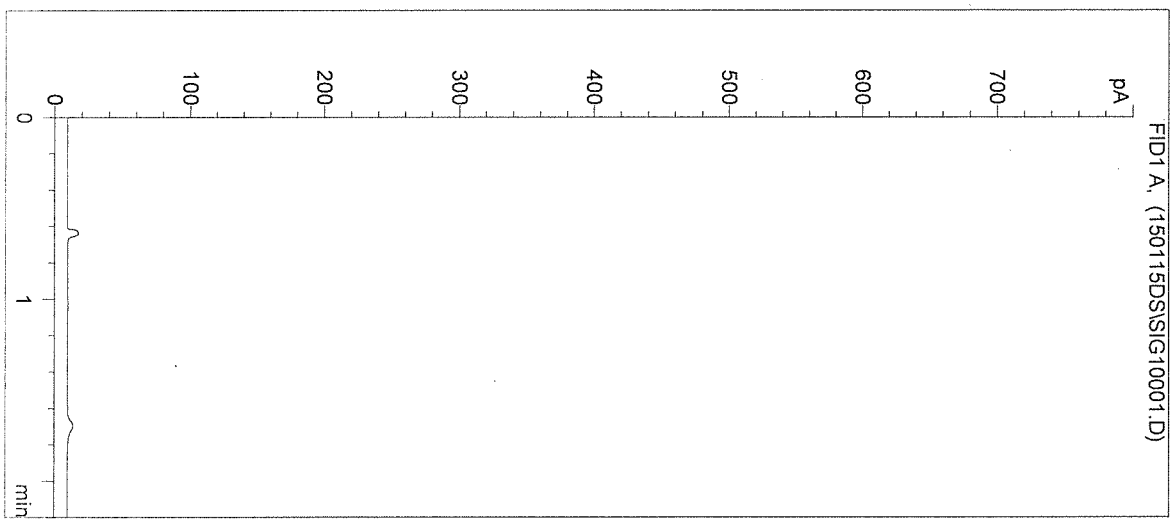
Jn 2/4/15

DS

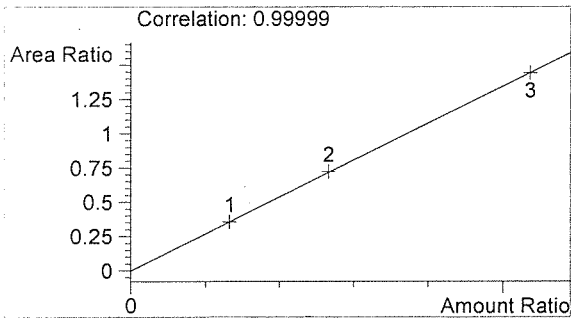
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 12:22:12 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

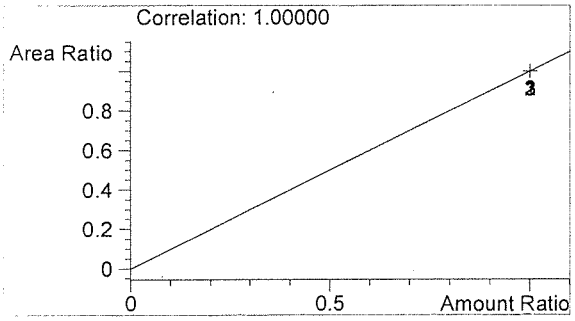
Sample Name: BLANK
Operator: Dawn Sklerov
Location: Vial 1



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



Ethanol 0.000 g/100mL

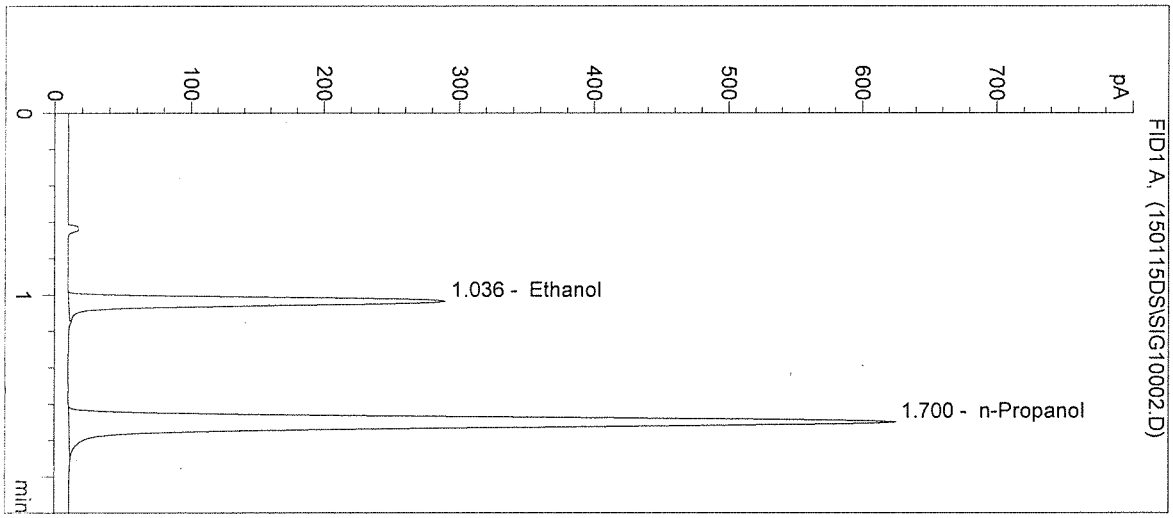


n-Propanol 0.000 g/100mL

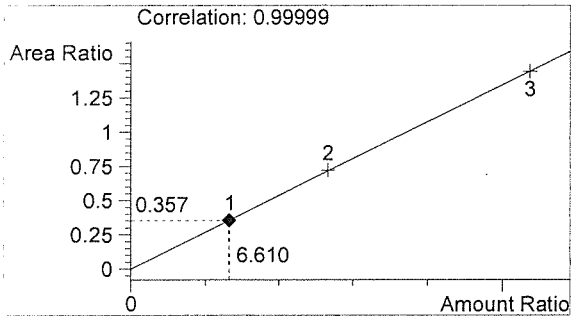
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 12:25:30 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

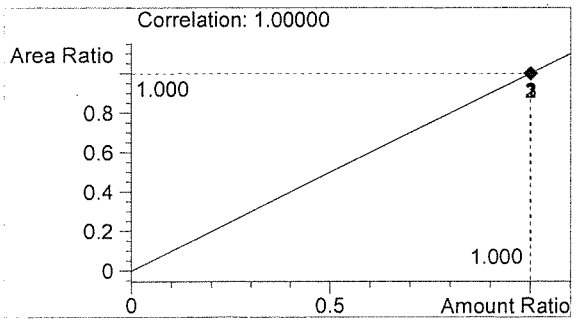
Sample Name: 0.079 CAL 1
Operator: Dawn Sklerov
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	859	1.036
2	n-Propanol	2411	1.700



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

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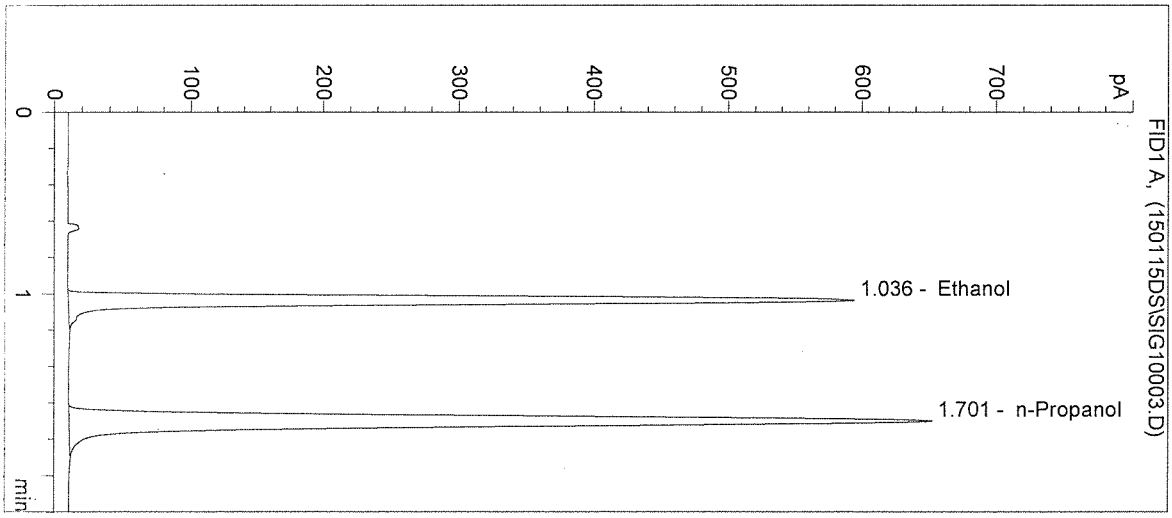
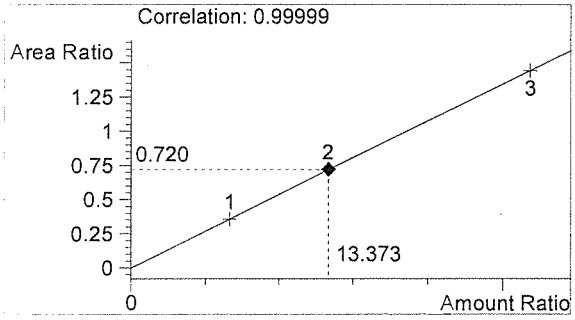
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 12:28:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

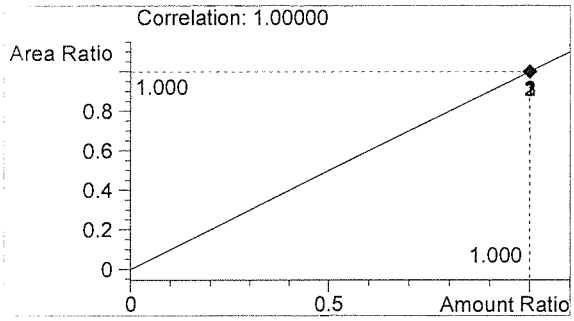
Sample Name: 0.158 CAL 2
Operator: Dawn Sklerov
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1815	1.036
2	n-Propanol	2520	1.701



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

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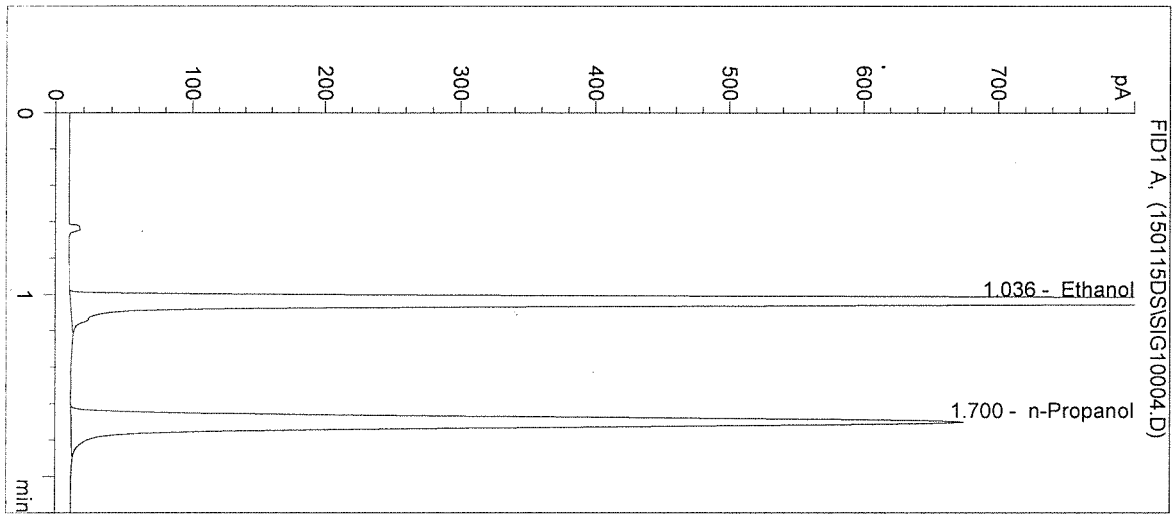
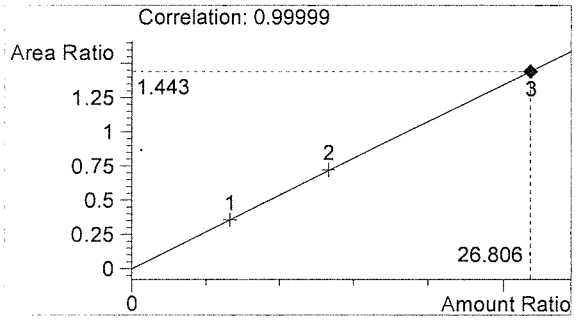
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 12:32:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

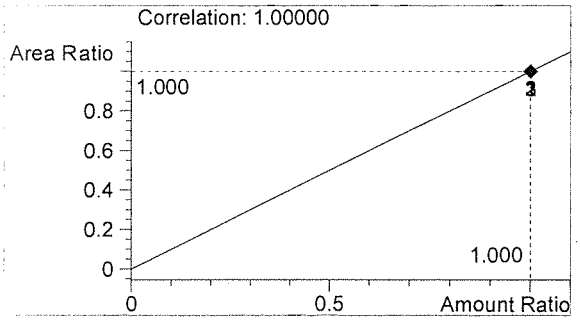
Sample Name: 0.316 CAL 3
Operator: Dawn Sklerov
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3760	1.036
2	n-Propanol	2606	1.700



Ethanol 0.322 g/100mL



n-Propanol 0.012 g/100mL

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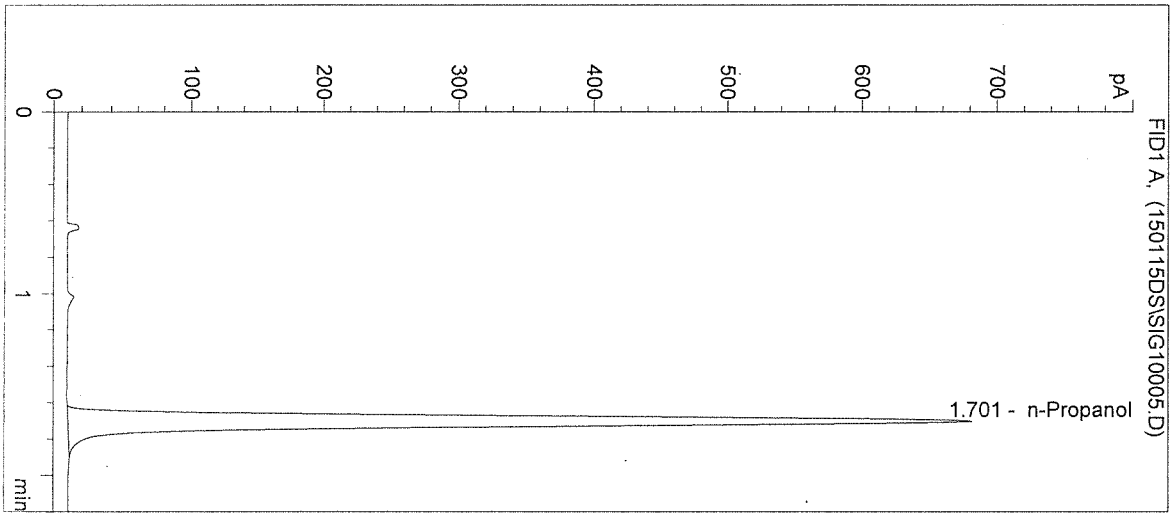
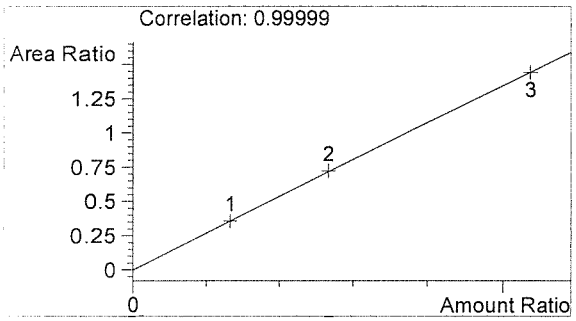
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 12:35:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

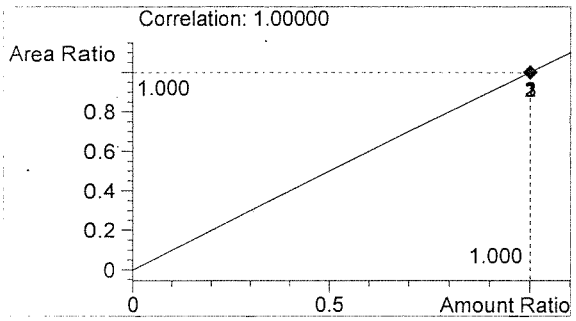
Sample Name: NEG CTRL
Operator: Dawn Sklerov
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2635	1.701



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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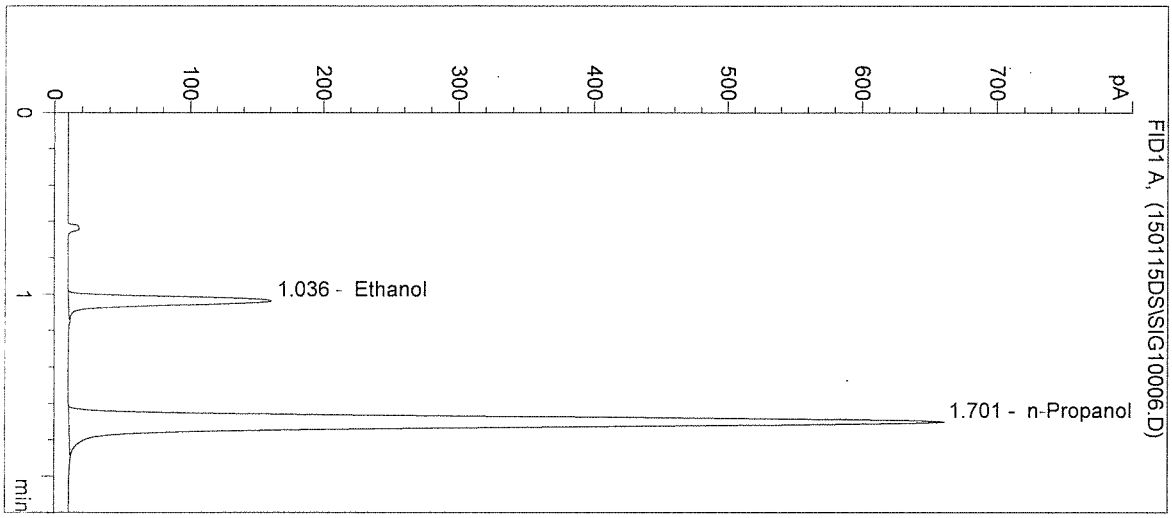
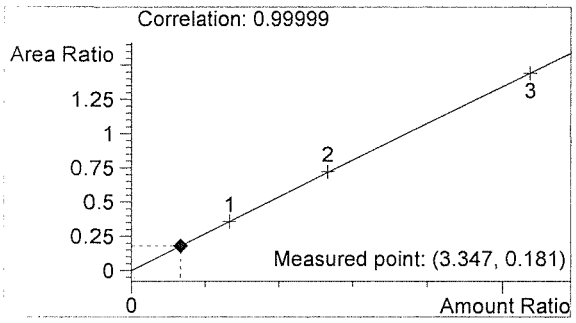
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 12:38:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

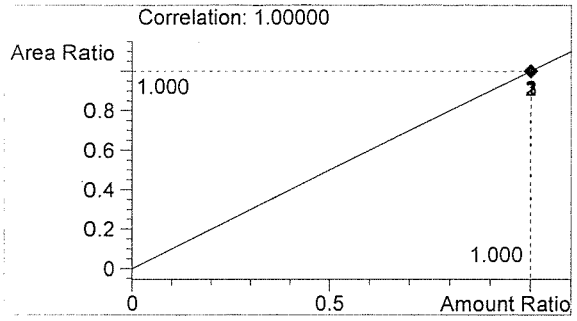
Sample Name: 0.04 CTRL
Operator: Dawn Sklerov
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	463	1.036
2	n-Propanol	2558	1.701



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

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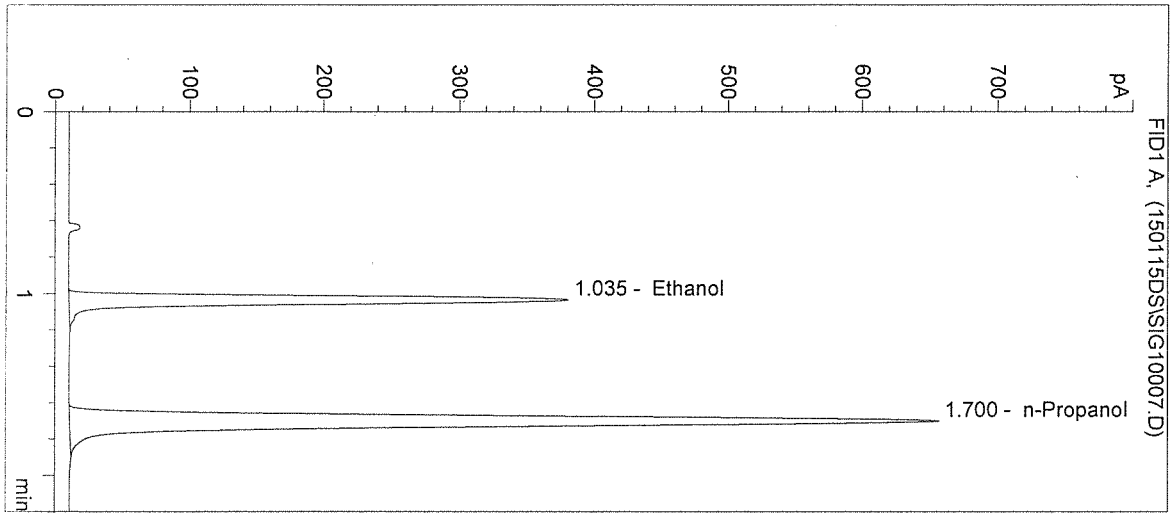
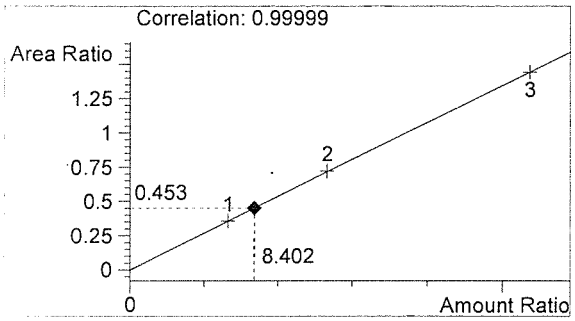
Inj. Date: 1/15/2015 12:41:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

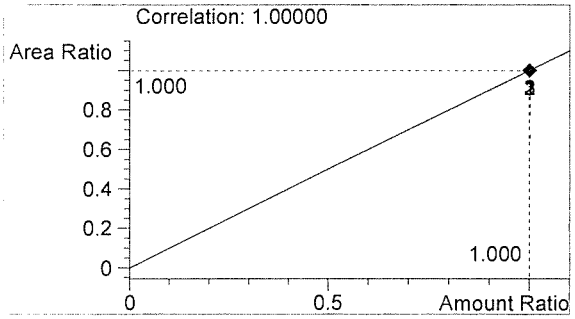
Sample Name: 0.10 CTRL
Operator: Dawn Sklerov
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1150	1.035
2	n-Propanol	2539	1.700



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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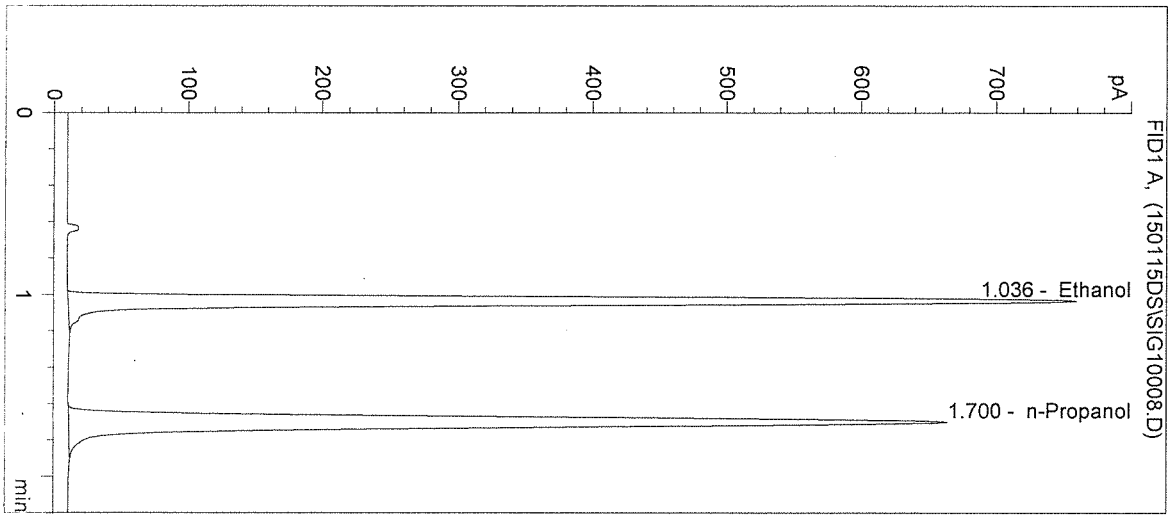
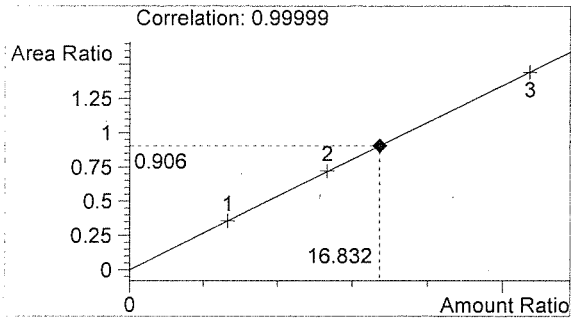
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 12:44:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

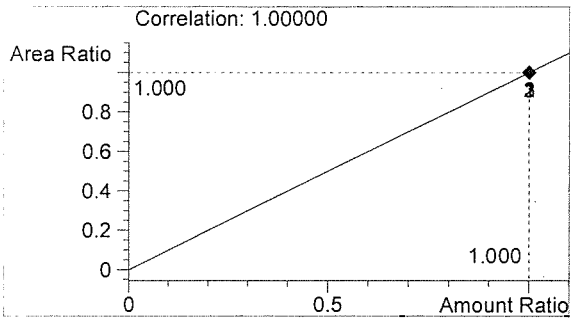
Sample Name: 0.20 CTRL
Operator: Dawn Sklerov
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2325	1.036
2	n-Propanol	2565	1.700



Ethanol 0.202 g/100mL



n-Propanol 0.012 g/100mL

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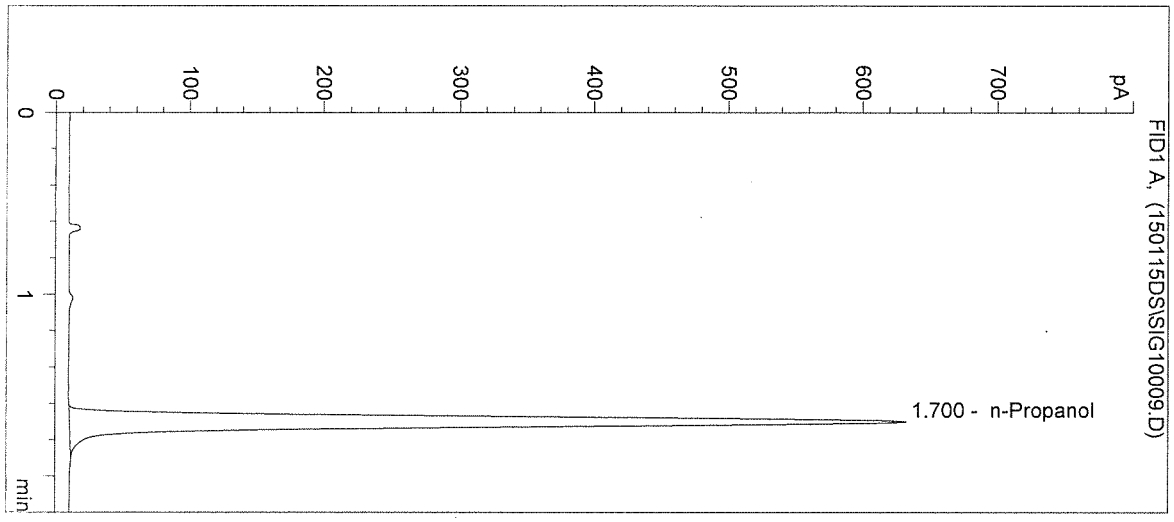
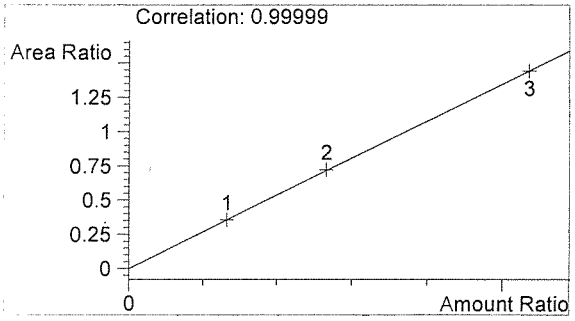
Inj. Date: 1/15/2015 12:48:08 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

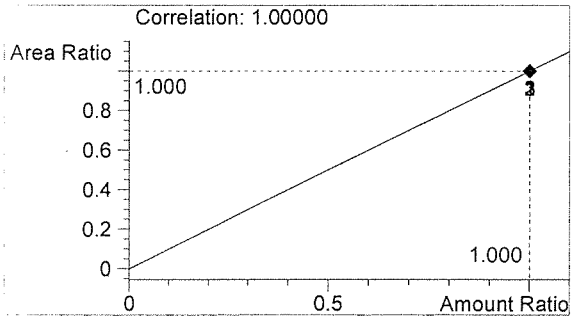
Sample Name: NEG CTRL
Operator: Dawn Sklerov
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2448	1.700



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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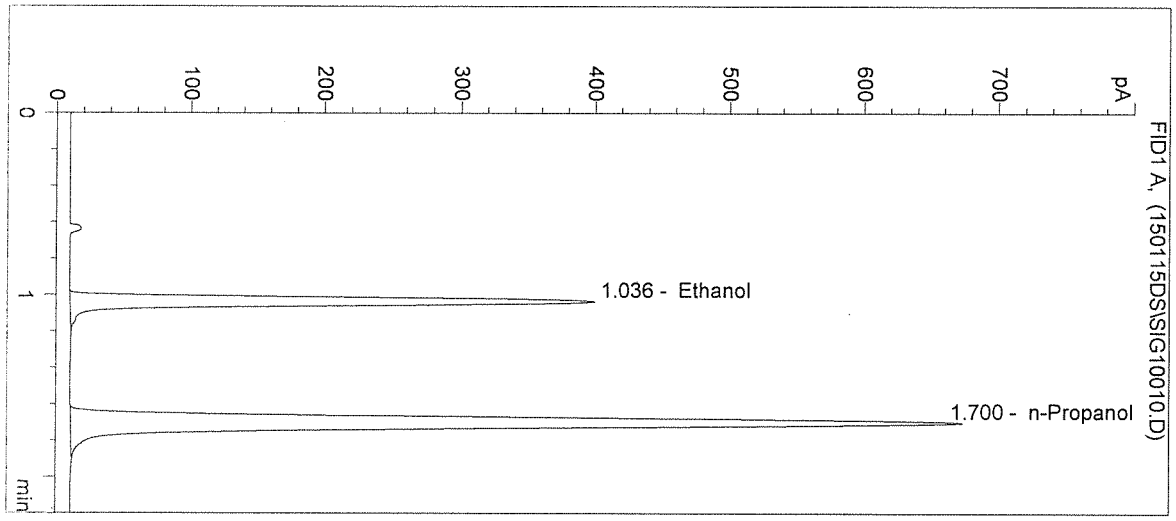
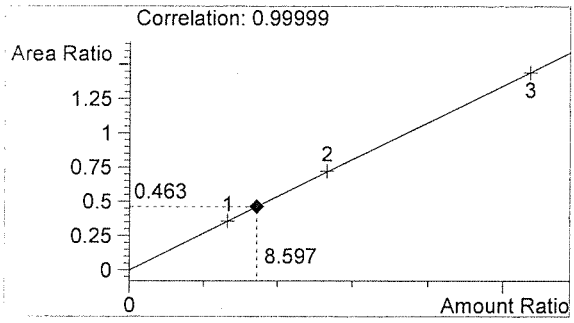
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 12:51:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

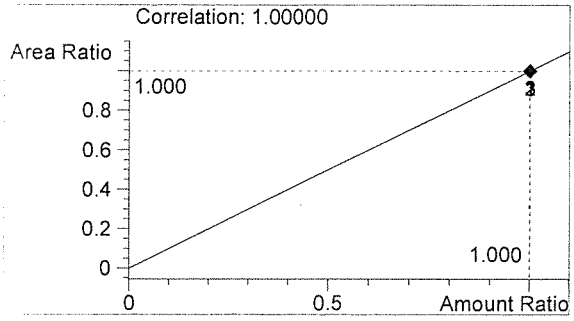
Sample Name: 15002-1
Operator: Dawn Sklerov
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1207	1.036
2	n-Propanol	2605	1.700



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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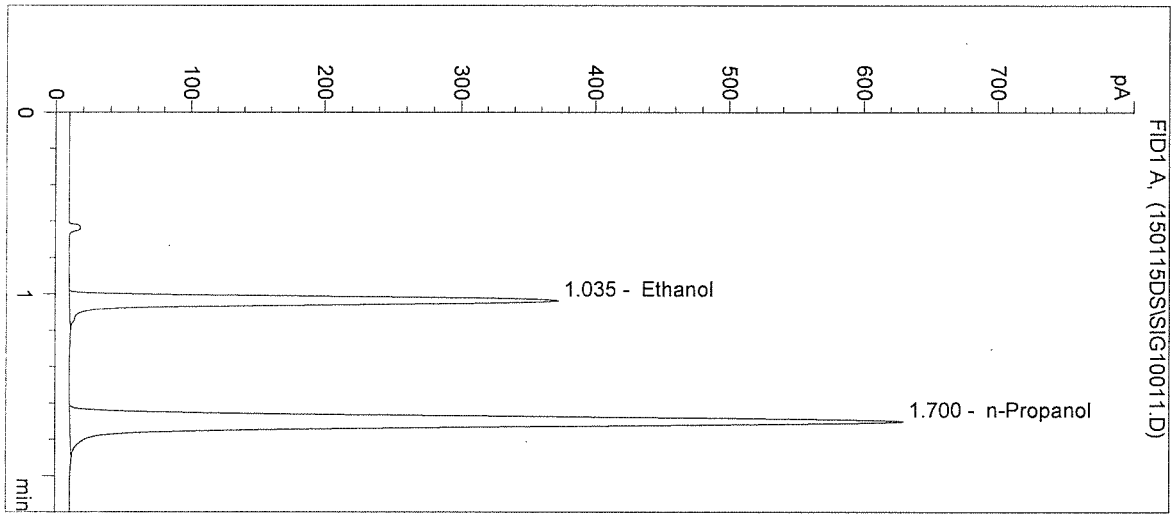
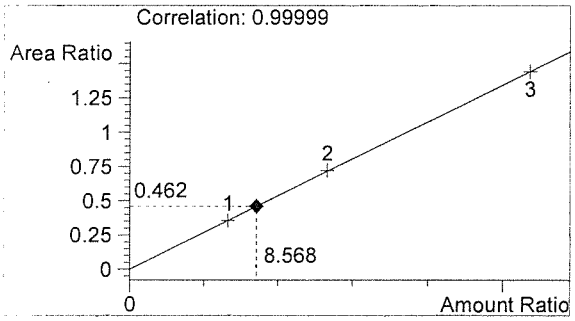
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 12:54:35 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

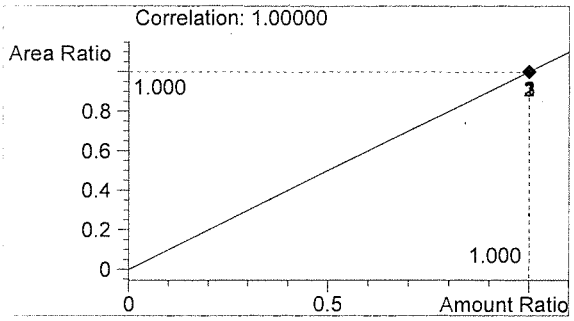
Sample Name: 15002-2
Operator: Dawn Sklerov
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1123	1.035
2	n-Propanol	2433	1.700



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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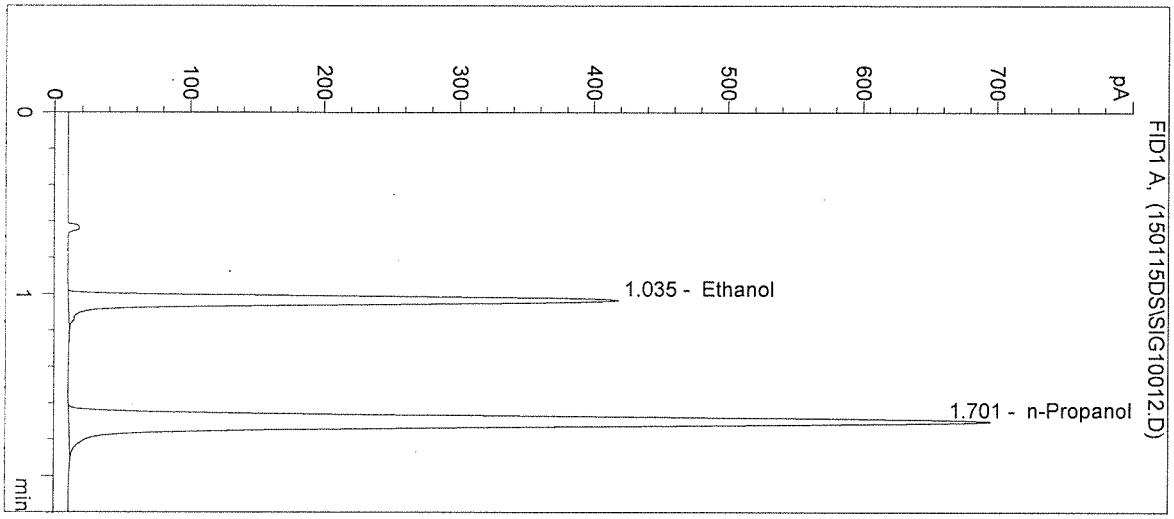
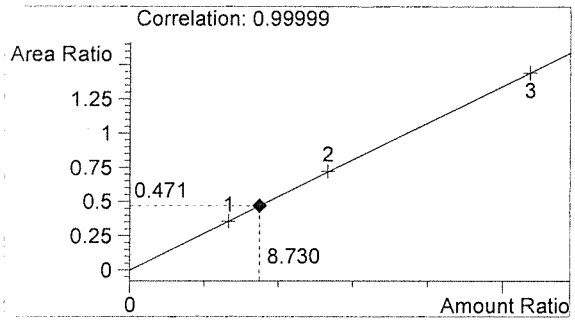
Inj. Date: 1/15/2015 12:57:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

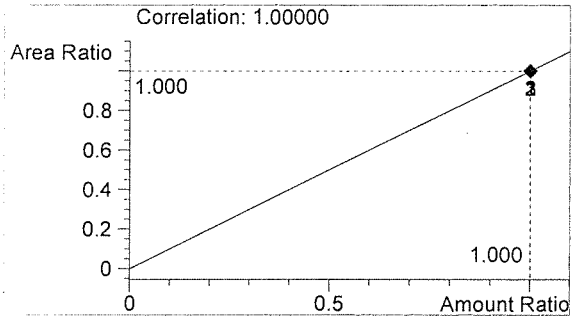
Sample Name: 15002-3
Operator: Dawn Sklerov
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1267	1.035
2	n-Propanol	2692	1.701



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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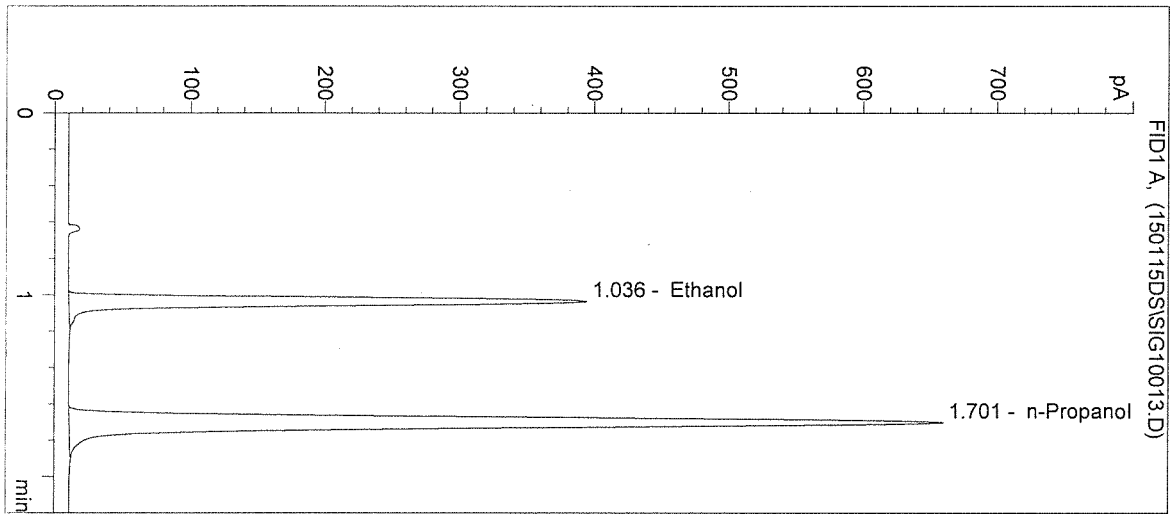
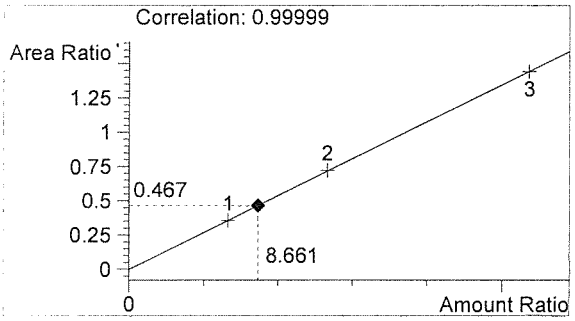
Inj. Date: 1/15/2015 1:01:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

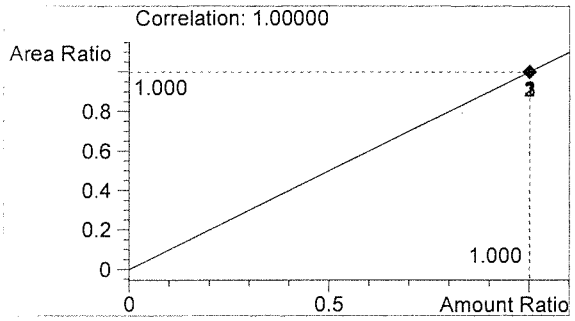
Sample Name: 15002-4
Operator: Dawn Sklerov
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1190	1.036
2	n-Propanol	2549	1.701



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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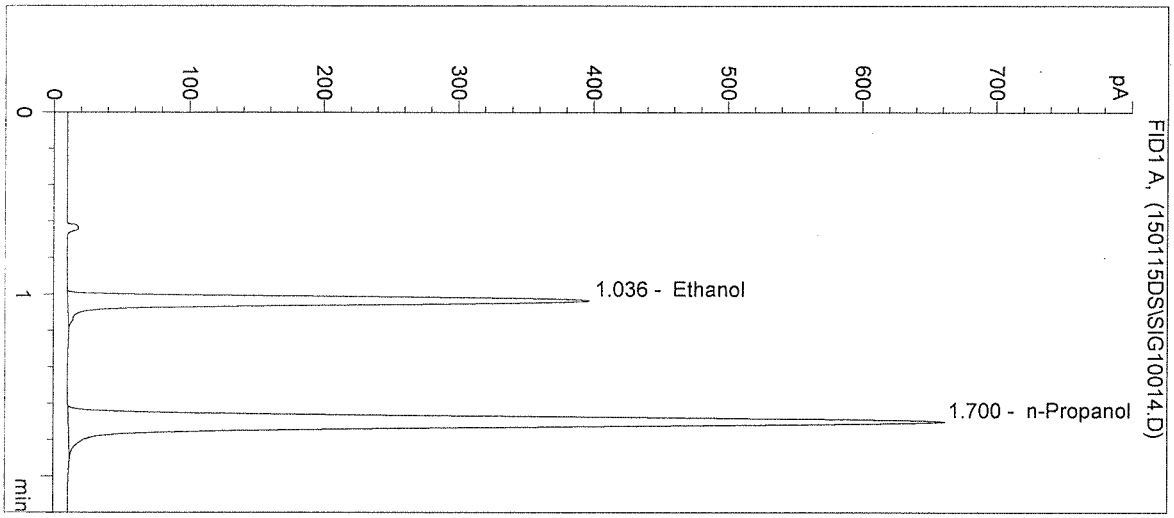
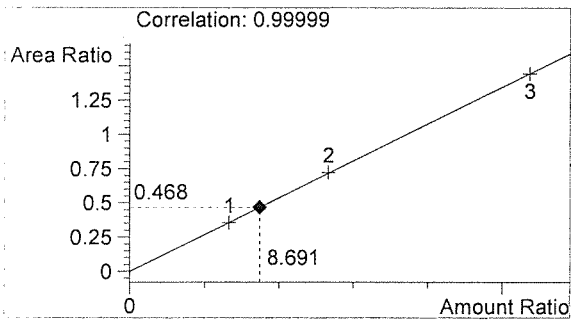
Inj. Date: 1/15/2015 1:04:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

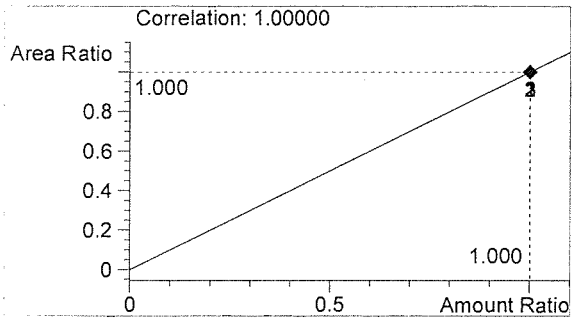
Sample Name: 15002-5
Operator: Dawn Sklerov
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1197	1.036
2	n-Propanol	2556	1.700



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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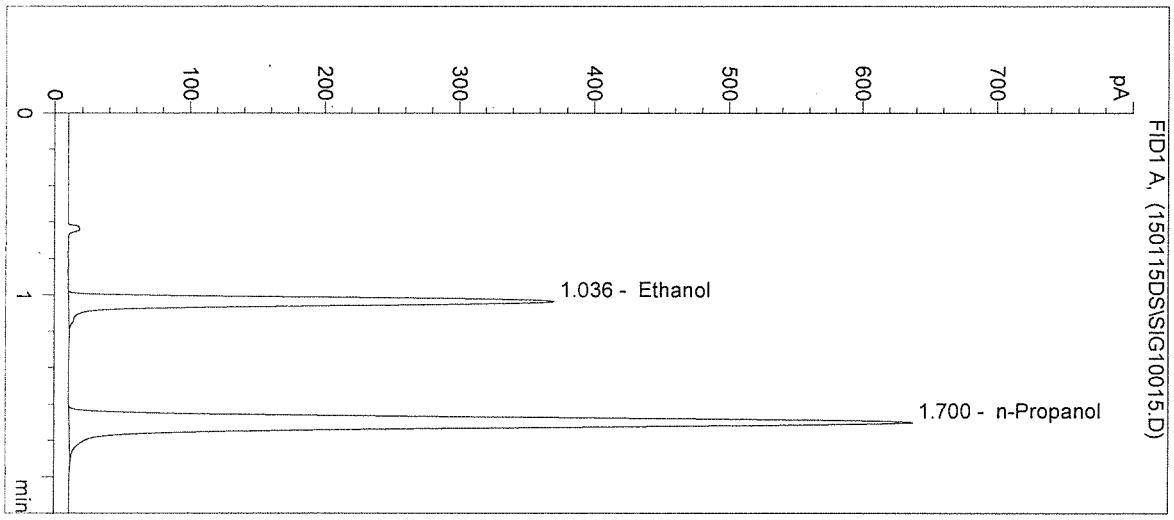
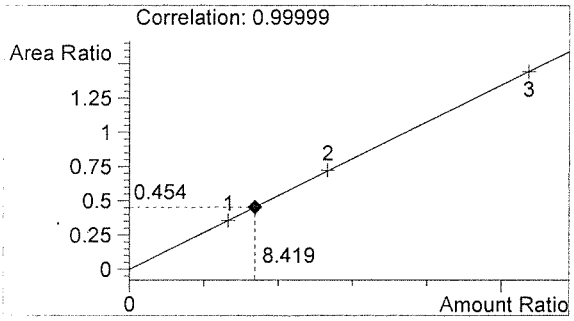
Inj. Date: 1/15/2015 1:07:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

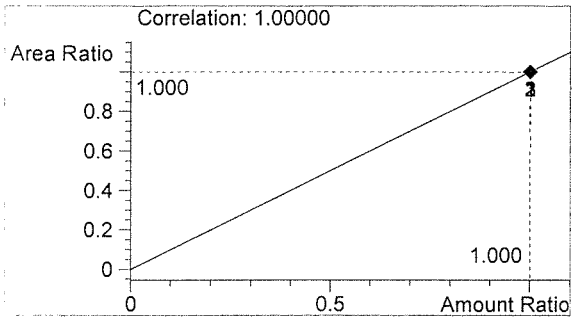
Sample Name: 0.10 CTRL
Operator: Dawn Sklerov
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1116	1.036
2	n-Propanol	2459	1.700



Ethanol 0.101 g/100mL

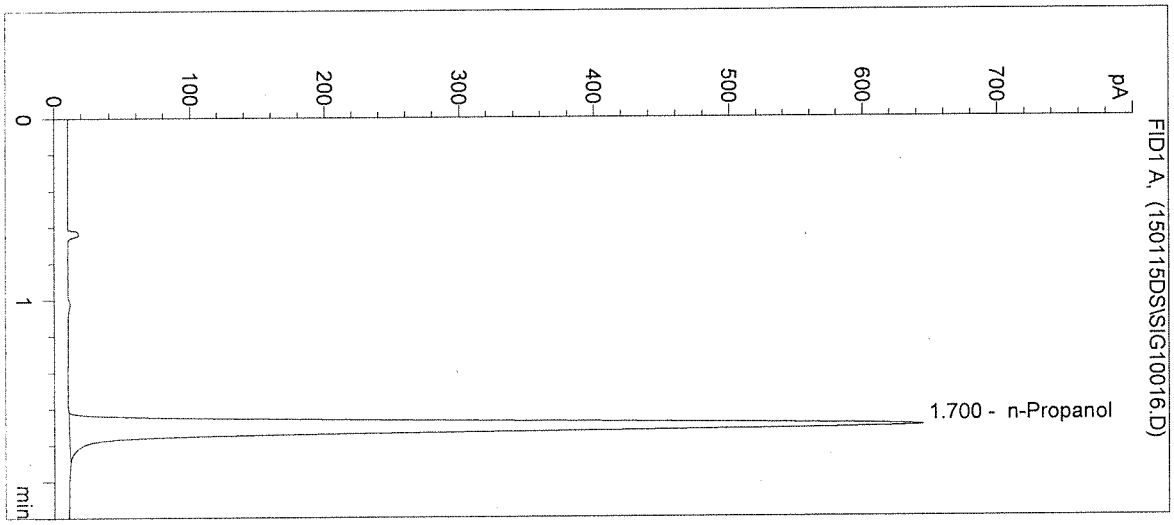


n-Propanol 0.012 g/100mL

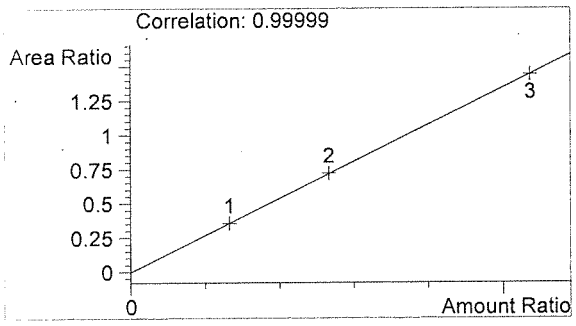
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 1:10:41 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

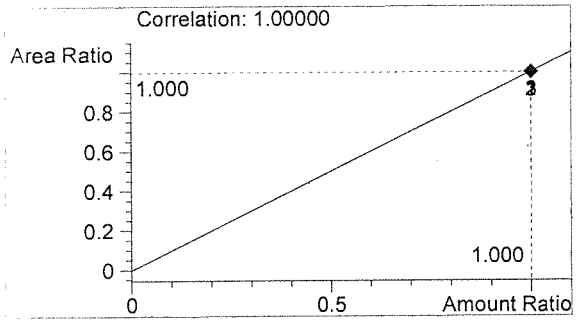
Sample Name: NEG CTRL
Operator: Dawn Sklerov
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2491	1.700



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:	150115JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0814-01 - Exp. 02/19/2015
Ethanol Calibrator 2, E0814-02 - Exp. 02/19/2015
Ethanol Calibrator 3, E0814-03 - Exp. 02/19/2015
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#P1114 - Exp. 02/20/2015

Calibration vials 1-9 filed with 15002.

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	15002-1	SIMALC1	1	Sample		
11	Vial 11	15002-2	SIMALC1	1	Sample		
12	Vial 12	15002-3	SIMALC1	1	Sample		
13	Vial 13	15002-4	SIMALC1	1	Sample		
14	Vial 14	15002-5	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	15003-1	SIMALC1	1	Sample		
18	Vial 18	15003-2	SIMALC1	1	Sample		
19	Vial 19	15003-3	SIMALC1	1	Sample		
20	Vial 20	15003-4	SIMALC1	1	Sample		
21	Vial 21	15003-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		

15002
JK 2/4/15

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!

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Calibration Table

Calib. Data Modified : Thursday, January 15, 2015 2:09:01 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	7.95500e-2	866.29303	9.18281e-5	1		Ethanol
		2	1.59740e-1	1717.95544	9.29826e-5			
		3	3.21980e-1	3409.33130	9.44408e-5			
1.700	1	1	1.20000e-2	2433.38086	4.93141e-6	I1		n-Propanol
		2	1.20000e-2	2433.93164	4.93029e-6			
		3	1.20000e-2	2426.85059	4.94468e-6			

Peak Sum Table

No Entries in table

15002

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Calibration Curves

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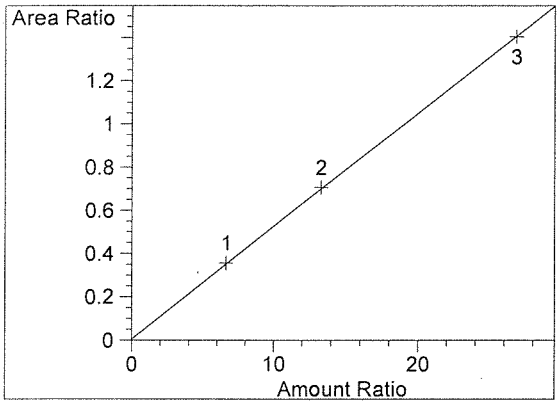
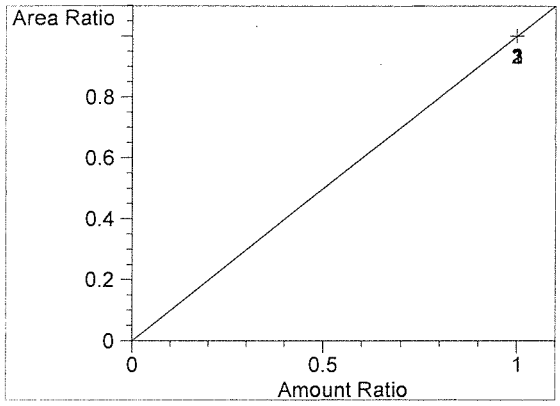


Ethanol at exp. RT: 1.036
FID1 A,
Correlation: 0.99996
Residual Std. Dev.: 0.00619
Formula: y = mx + b
m: 5.22793e-2
b: 5.36076e-3
x: Amount Ratio
y: Area Ratio



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

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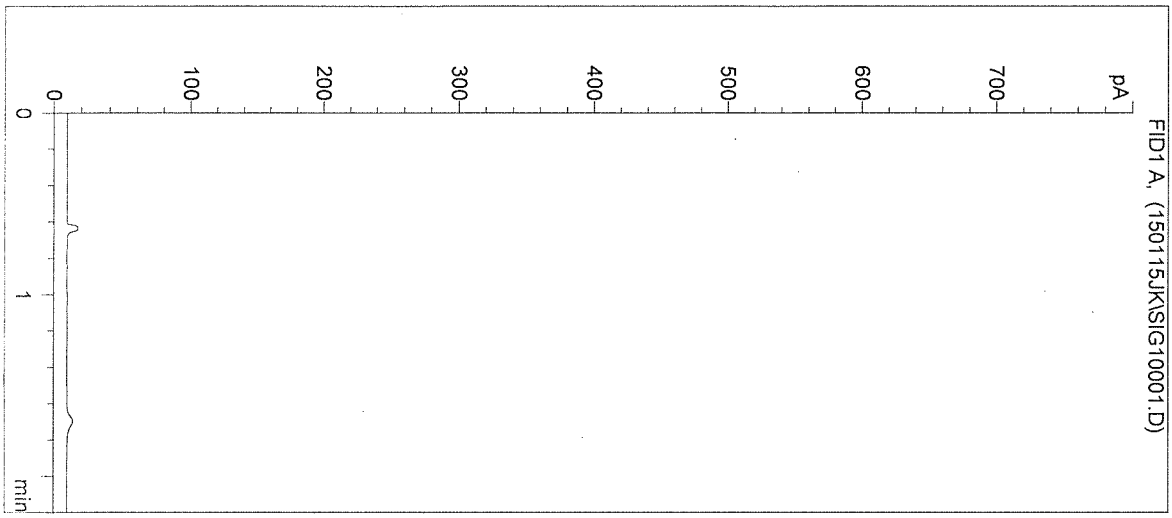
15002

fn 2/4/15

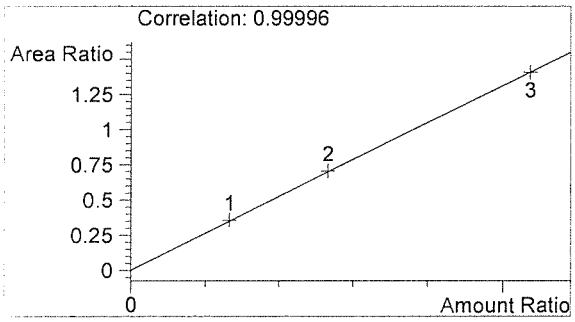
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 1:56:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

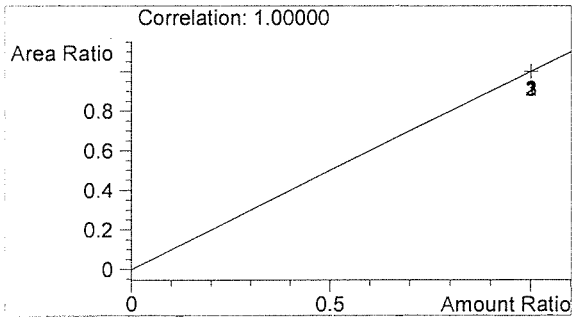
Sample Name: BLANK
Operator: Justin Knoy
Location: Vial 1



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



Ethanol 0.000 g/100mL

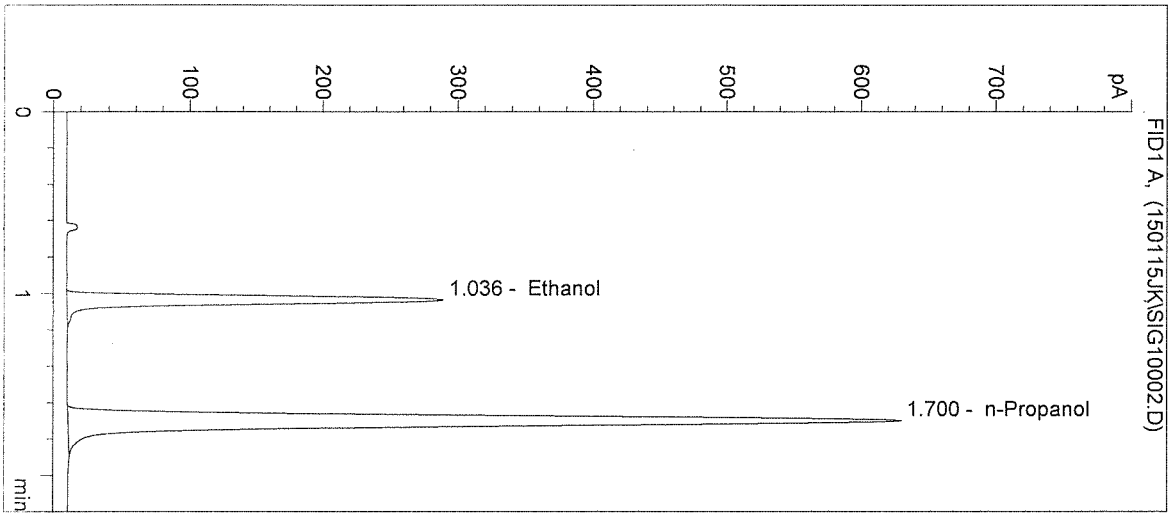


n-Propanol 0.000 g/100mL

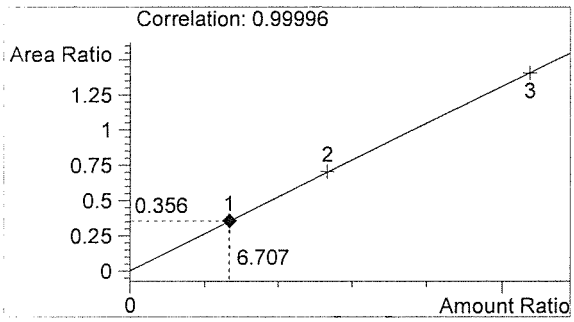
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 2:00:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

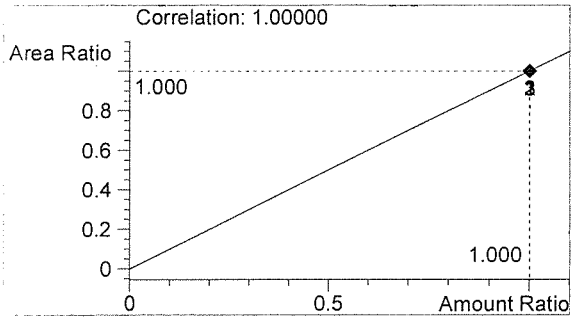
Sample Name: 0.079 CAL 1
Operator: Justin Knoy
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	866	1.036
2	n-Propanol	2433	1.700



Ethanol 0.080 g/100mL

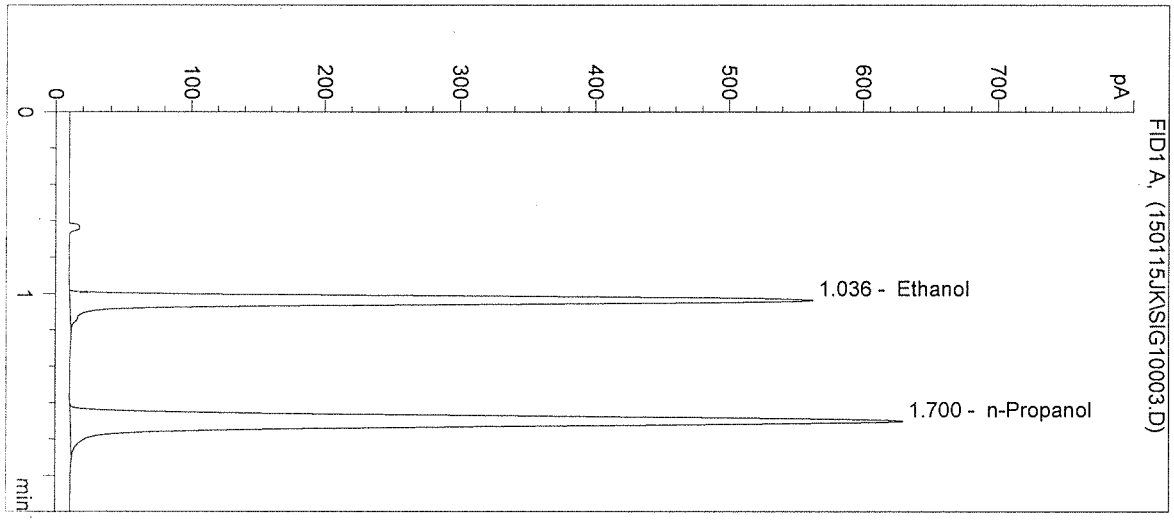


n-Propanol 0.012 g/100mL

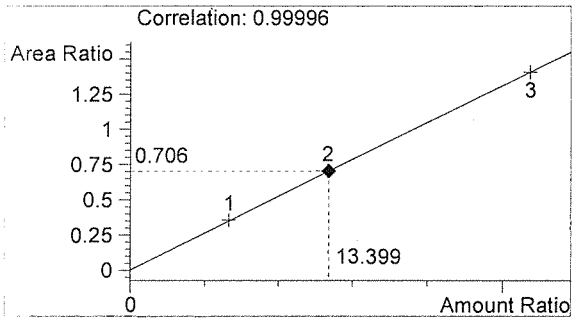
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 2:03:31 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

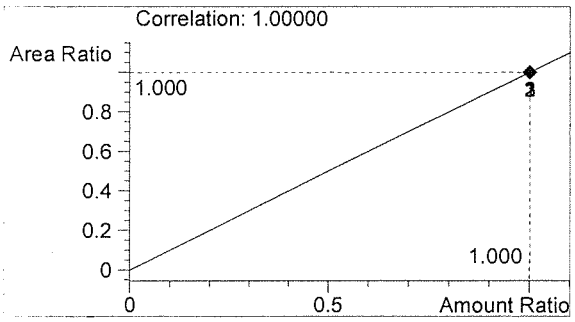
Sample Name: 0.158 CAL 2
Operator: Justin Knoy
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1718	1.036
2	n-Propanol	2434	1.700



Ethanol 0.161 g/100mL

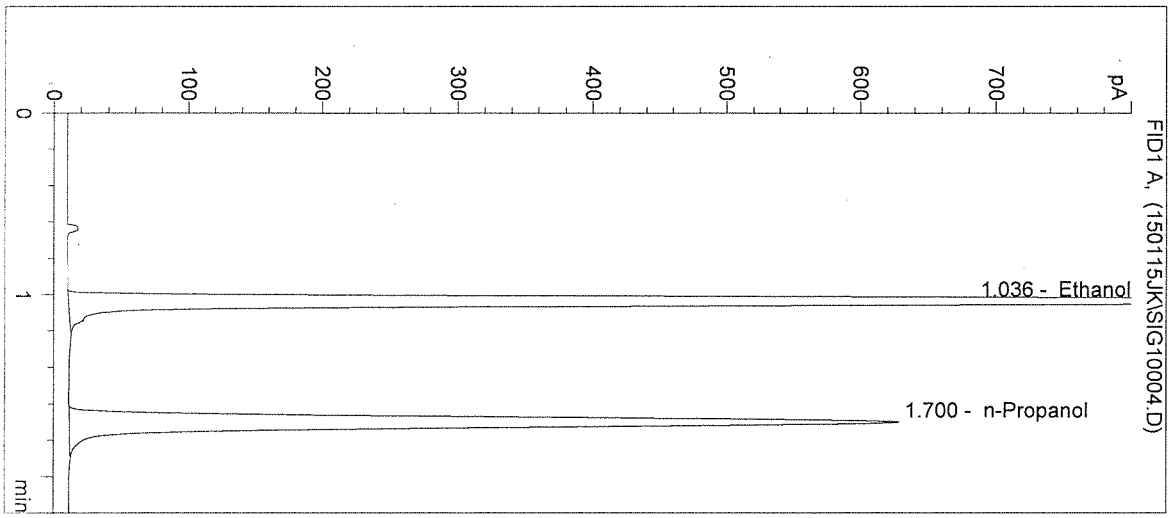


n-Propanol 0.012 g/100mL

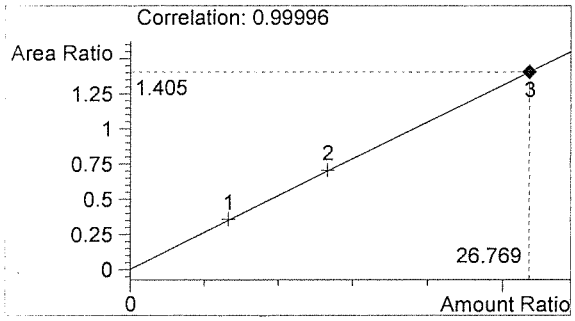
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 2:06:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

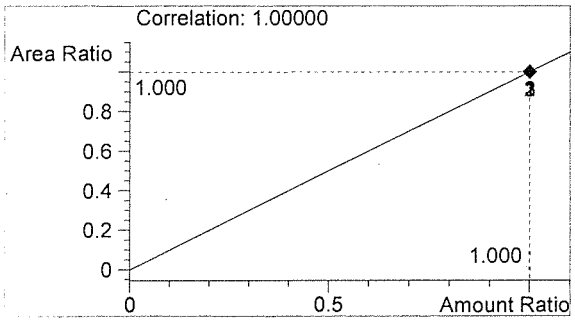
Sample Name: 0.316 CAL 3
Operator: Justin Knoy
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3409	1.036
2	n-Propanol	2427	1.700



Ethanol 0.321 g/100mL

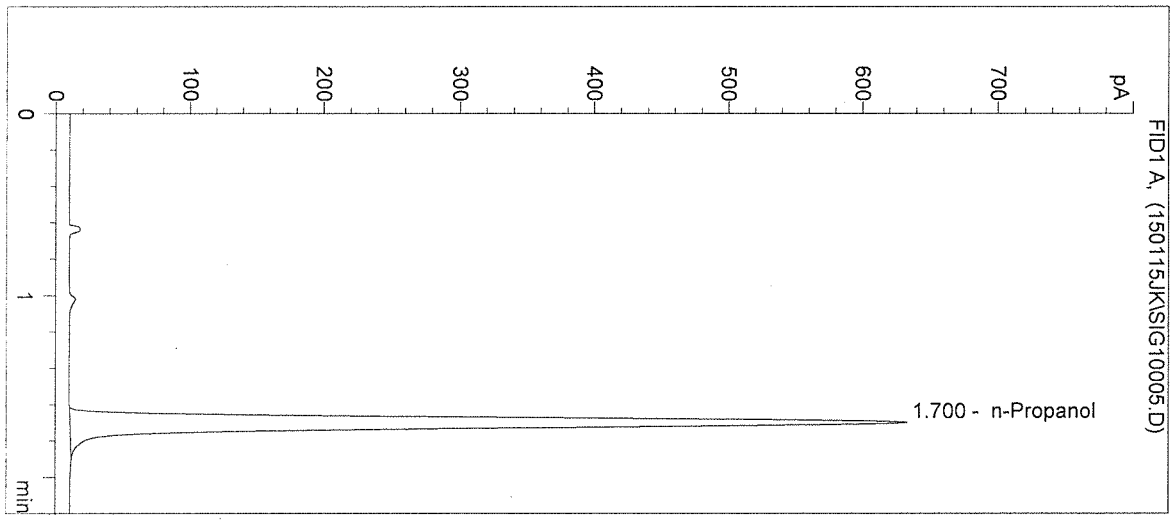


n-Propanol 0.012 g/100mL

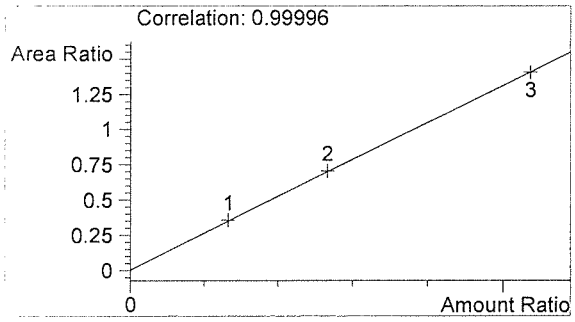
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 2:10:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

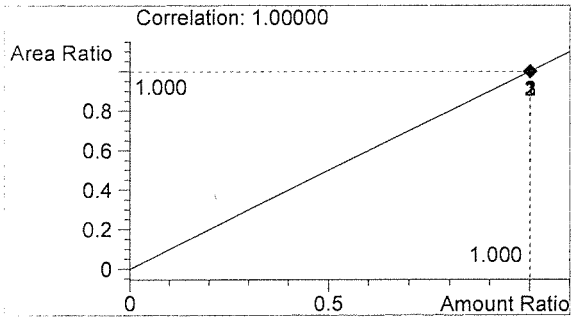
Sample Name: NEG CTRL
Operator: Justin Knoy
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2449	1.700



Ethanol 0.000 g/100mL

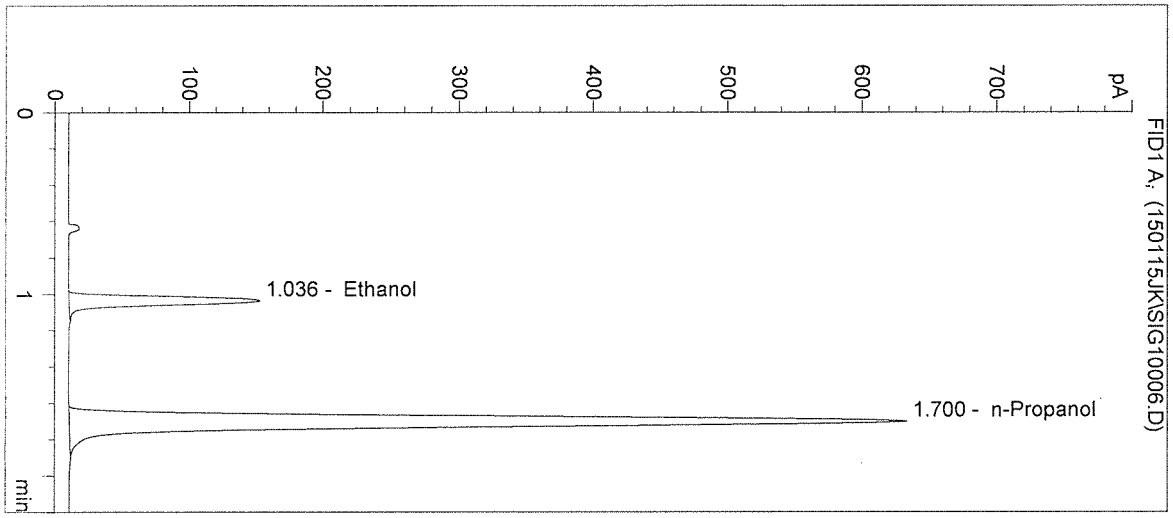


n-Propanol 0.012 g/100mL

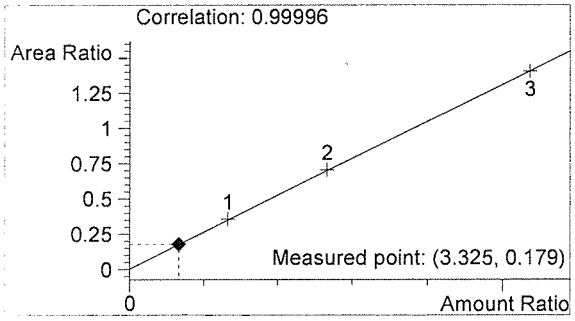
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 2:13:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

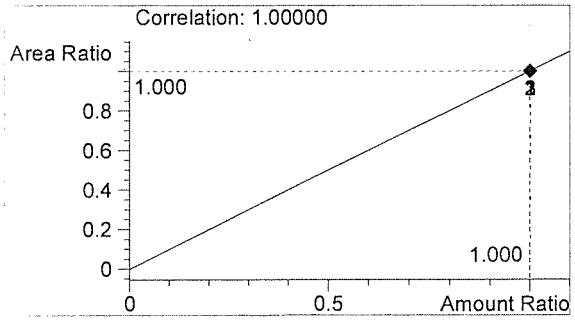
Sample Name: 0.04 CTRL
Operator: Justin Knoy
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	439	1.036
2	n-Propanol	2450	1.700



Ethanol 0.040 g/100mL

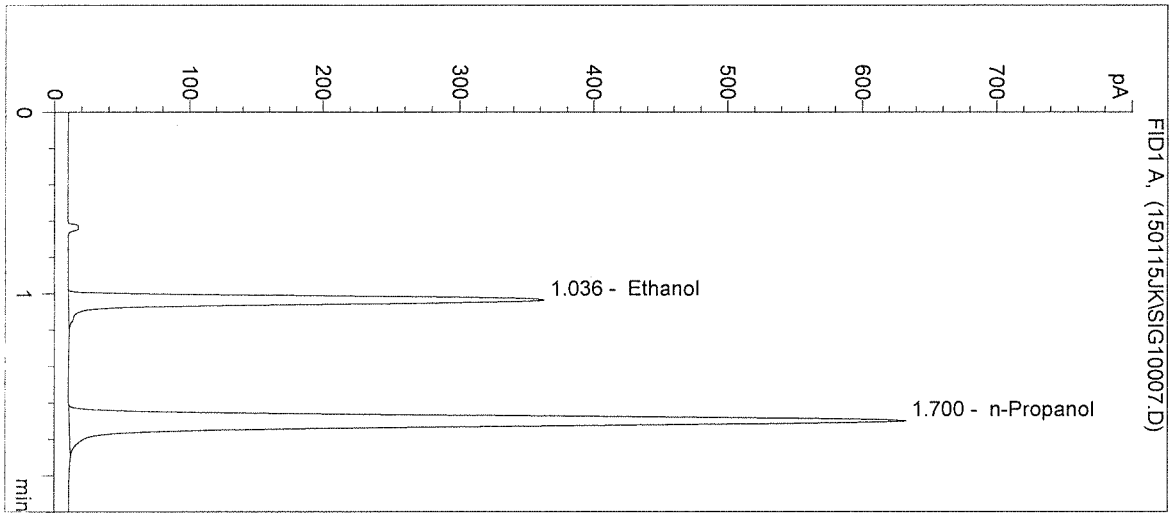


n-Propanol 0.012 g/100mL

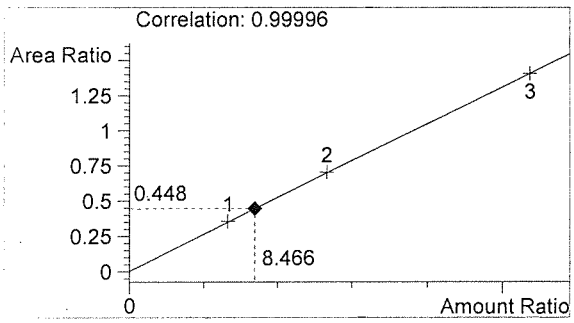
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 2:16:27 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

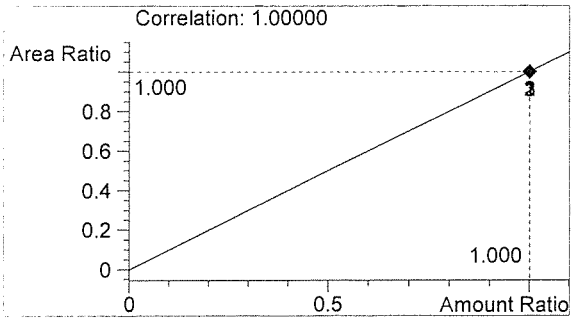
Sample Name: 0.10 CTRL
Operator: Justin Knoy
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1096	1.036
2	n-Propanol	2446	1.700



Ethanol 0.102 g/100mL

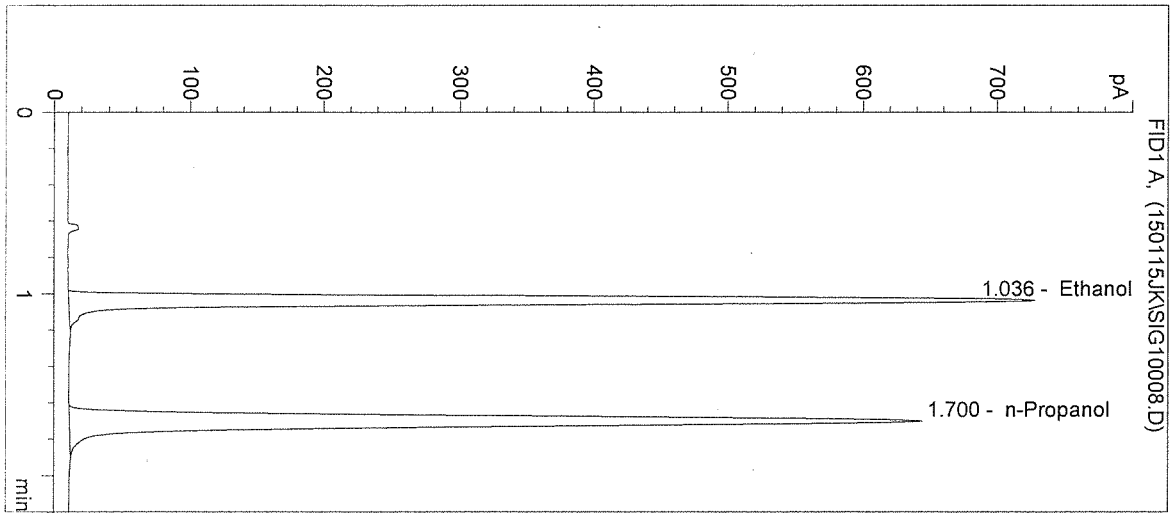


n-Propanol 0.012 g/100mL

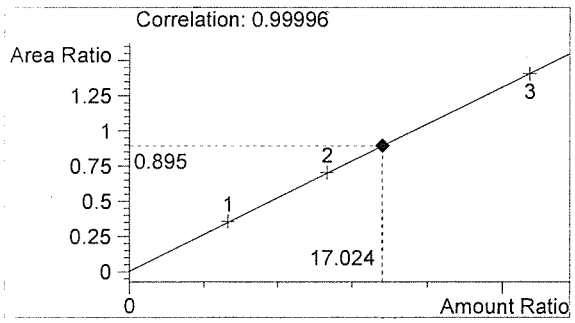
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 2:19:41 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

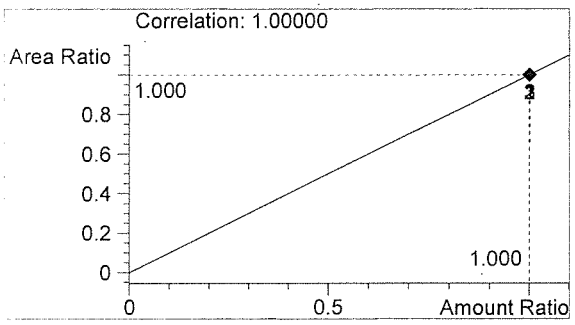
Sample Name: 0.20 CTRL
Operator: Justin Knoy
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2222	1.036
2	n-Propanol	2482	1.700



Ethanol 0.204 g/100mL

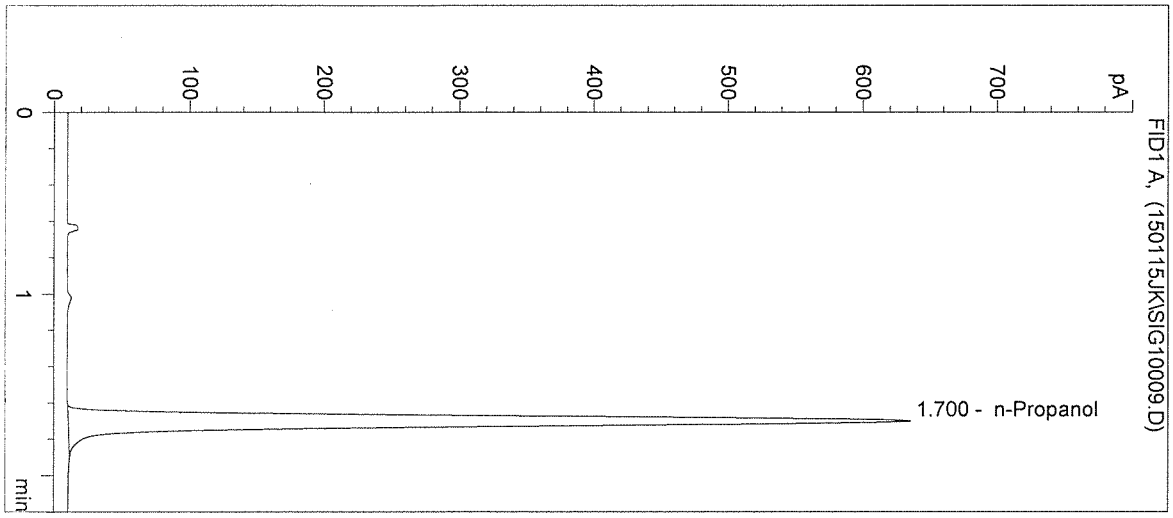


n-Propanol 0.012 g/100mL

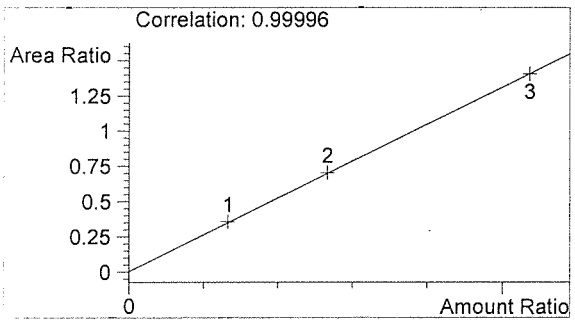
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 2:22:54 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

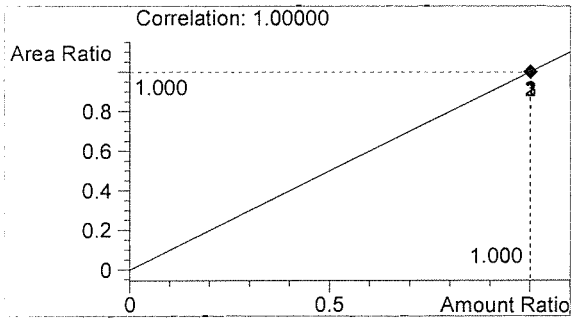
Sample Name: NEG CTRL
Operator: Justin Knoy
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2458	1.700



Ethanol 0.000 g/100mL

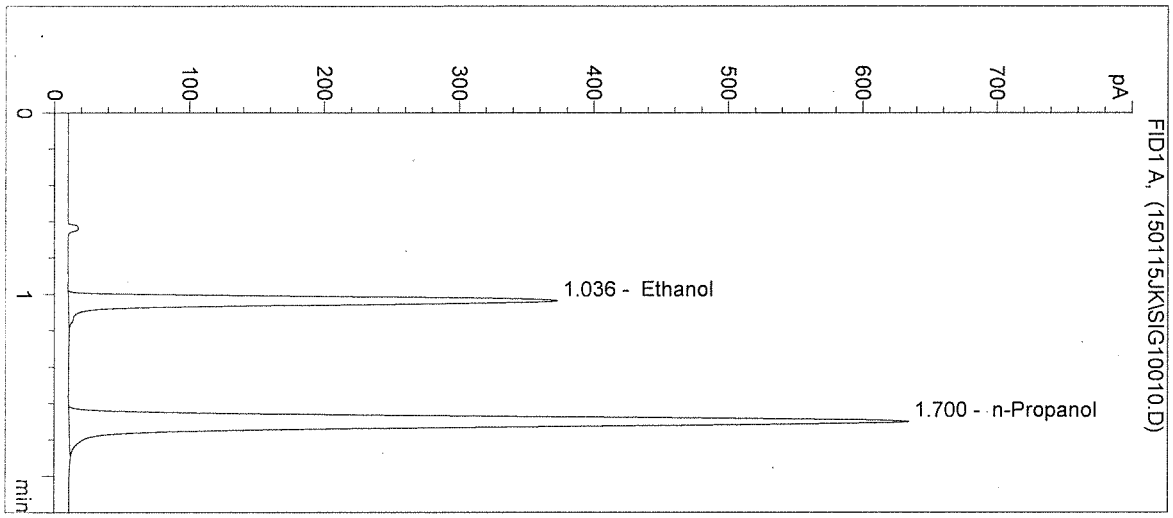


n-Propanol 0.012 g/100mL

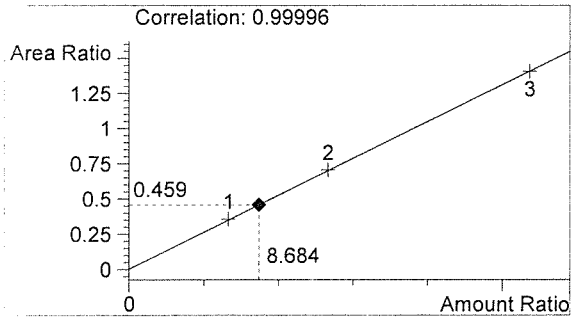
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 2:26:07 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

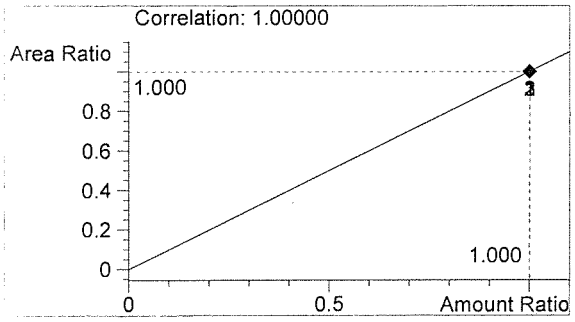
Sample Name: 15002-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1125	1.036
2	n-Propanol	2450	1.700



Ethanol 0.104 g/100mL

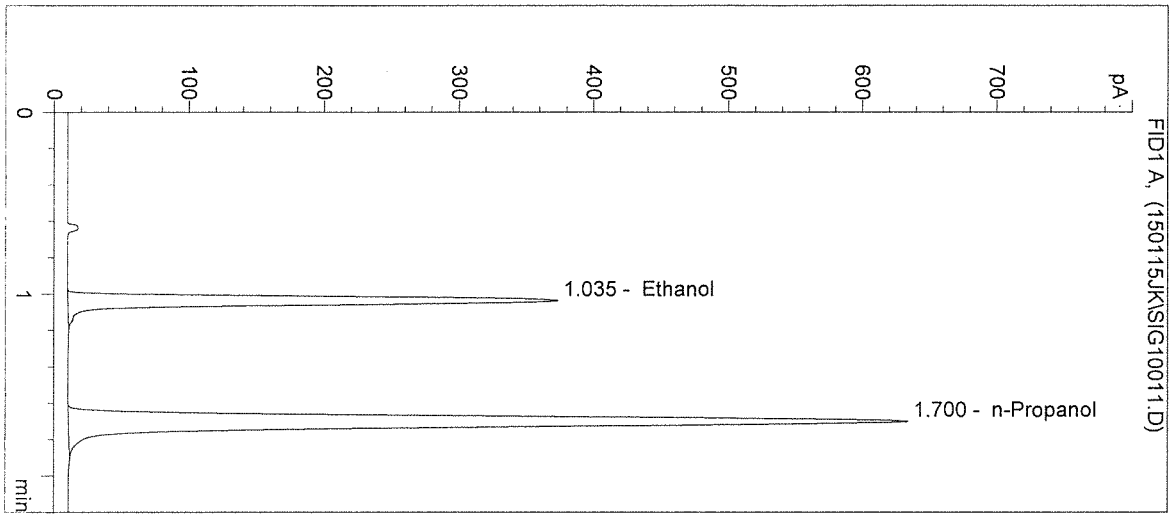


n-Propanol 0.012 g/100mL

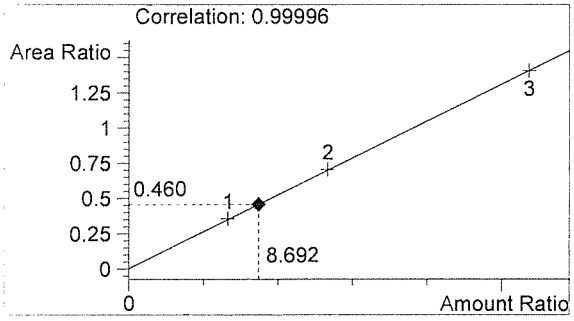
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 2:29:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

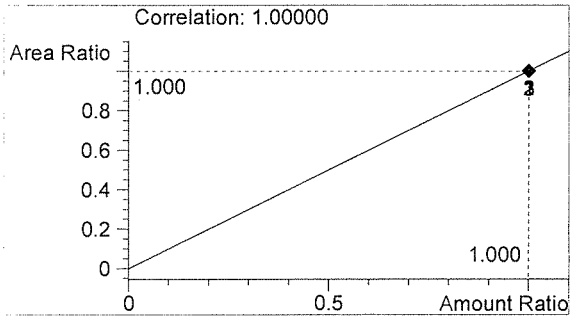
Sample Name: 15002-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1129	1.035
2	n-Propanol	2455	1.700



Ethanol 0.104 g/100mL

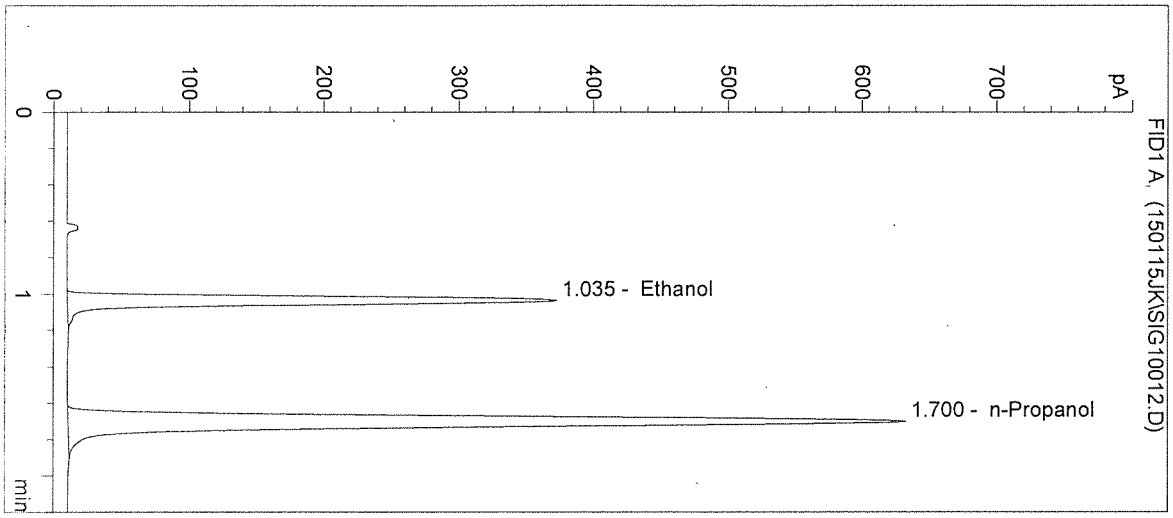


n-Propanol 0.012 g/100mL

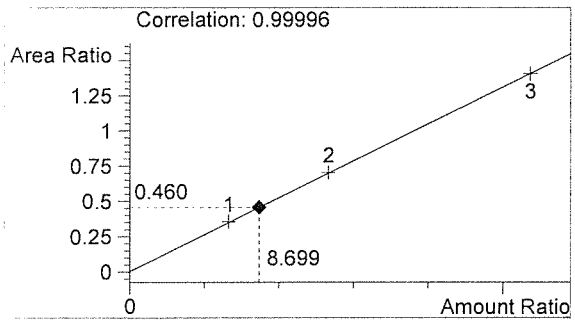
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 2:32:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

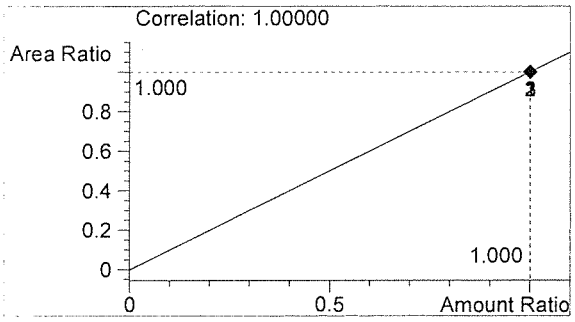
Sample Name: 15002-3
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1125	1.035
2	n-Propanol	2445	1.700



Ethanol 0.104 g/100mL

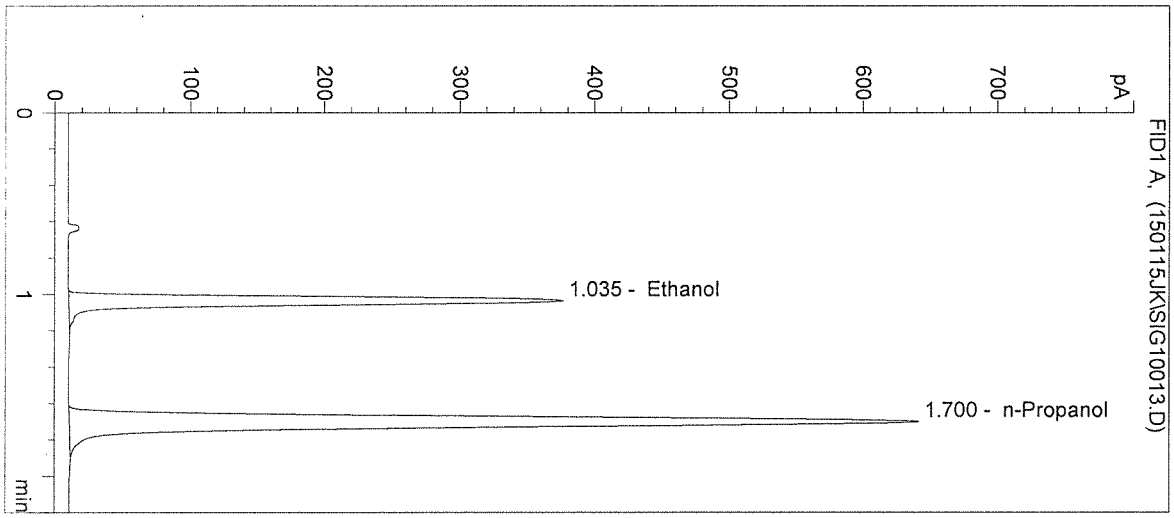


n-Propanol 0.012 g/100mL

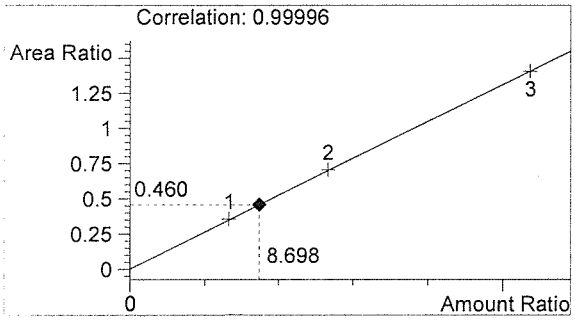
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 2:35:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

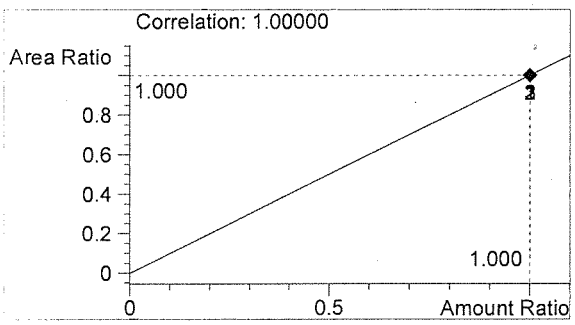
Sample Name: 15002-4
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1142	1.035
2	n-Propanol	2483	1.700



Ethanol 0.104 g/100mL

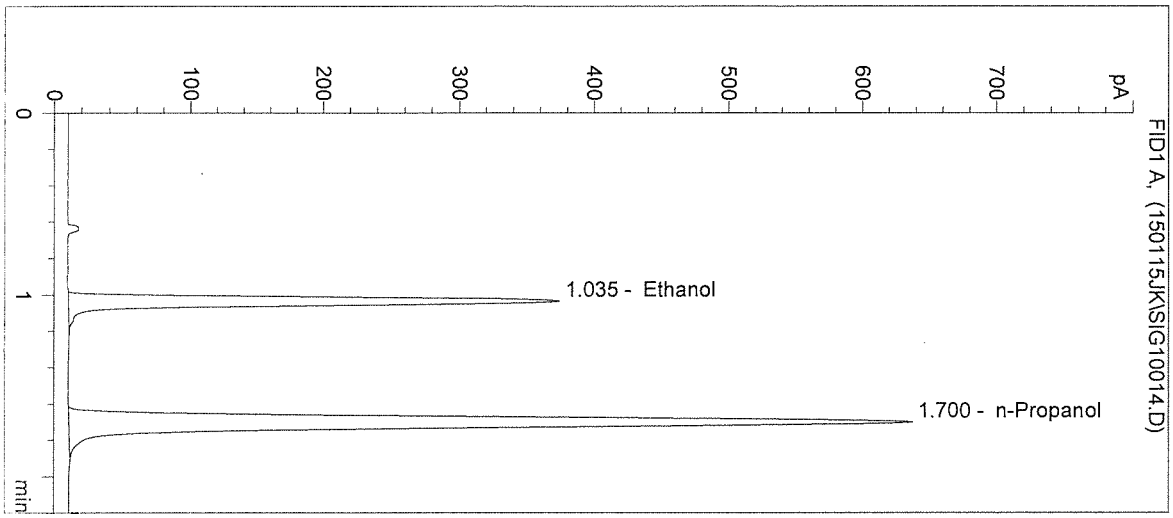


n-Propanol 0.012 g/100mL

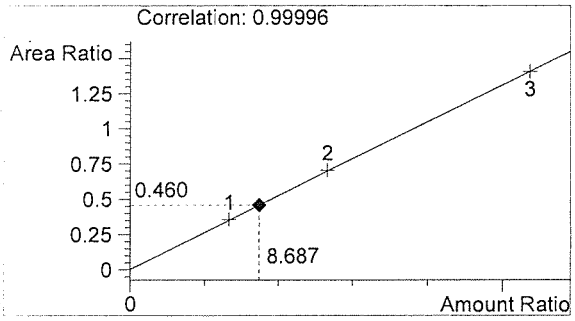
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 2:39:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

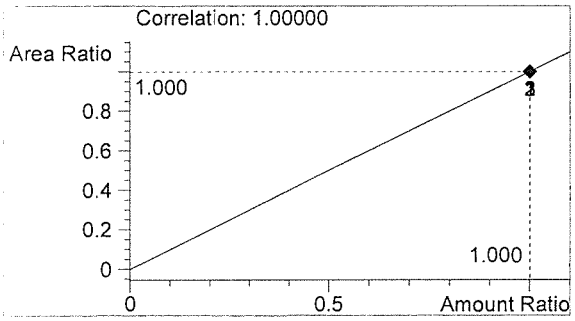
Sample Name: 15002-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1133	1.035
2	n-Propanol	2466	1.700



Ethanol 0.104 g/100mL

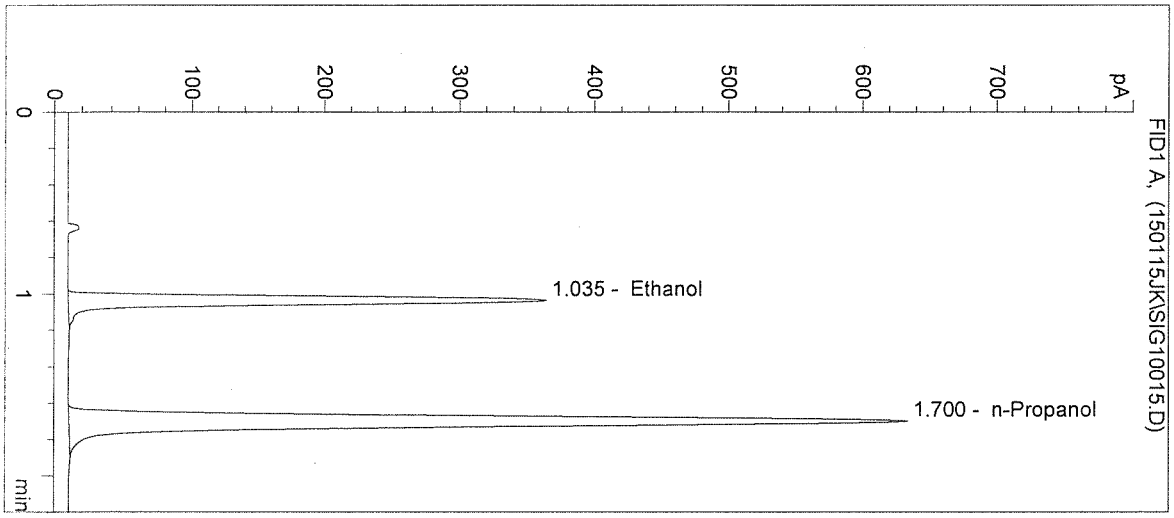


n-Propanol 0.012 g/100mL

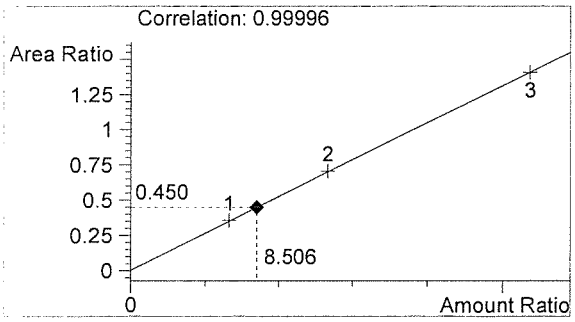
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 2:42:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

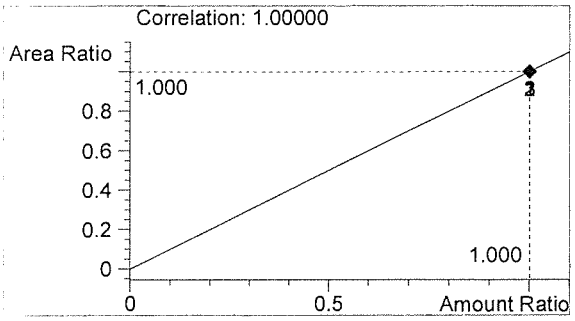
Sample Name: 0.10 CTRL
Operator: Justin Knoy
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1099	1.035
2	n-Propanol	2442	1.700



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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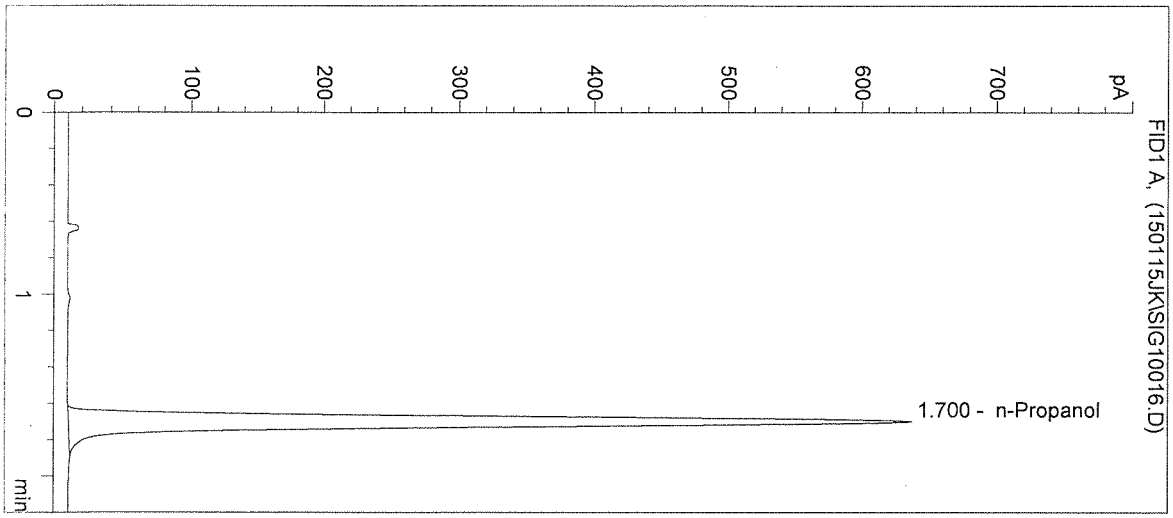
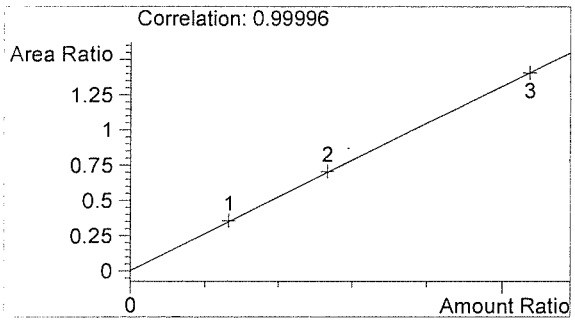
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/15/2015 2:45:26 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

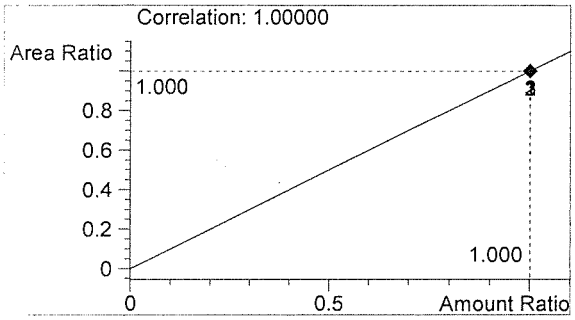
Sample Name: NEG CTRL
Operator: Justin Knoy
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2461	1.700



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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:	150130A1
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 e0814-01 exp 02/19/2015
cal 2 0.158 g/100mL e0814-02 exp 02/19/2015
cal 3 0.316 g/100mL e0814-03 exp 02/19/2015
0.04 control fn05011301 exp 05/2018
0.10 control fn08051301 exp 10/2018
0.20 control fn03211401 exp 06/2019
istd p0115exp 04/27/2015

calibration in file 15002

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	15002 #1	SIMALC1	1	Sample		
11	Vial 11	15002 #2	SIMALC1	1	Sample		
12	Vial 12	15002 #3	SIMALC1	1	Sample		
13	Vial 13	15002 #4	SIMALC1	1	Sample		
14	Vial 14	15002 #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		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

15002

2/4/15

Calibration Table

Calib. Data Modified : Friday, January 30, 2015 2:35:19 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	7.95500e-2	879.41766	9.04576e-5	1		Ethanol
		2	1.59740e-1	1758.78198	9.08242e-5			
		3	3.21980e-1	3488.09668	9.23082e-5			
1.701	1	1	1.20000e-2	2483.30396	4.83227e-6	I1		n-Propanol
		2	1.20000e-2	2494.57520	4.81044e-6			
		3	1.20000e-2	2485.39990	4.82820e-6			

Peak Sum Table

15002

No Entries in table

Jn 2/4/15

AL

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Calibration Curves

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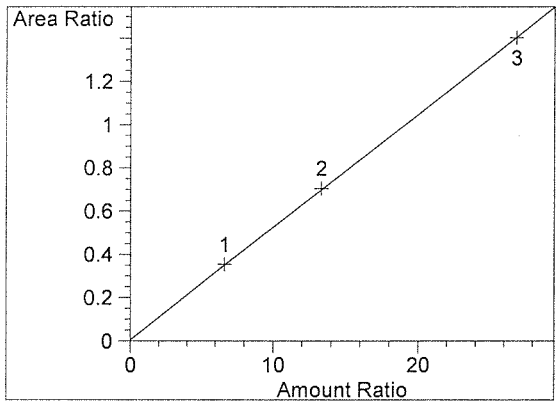
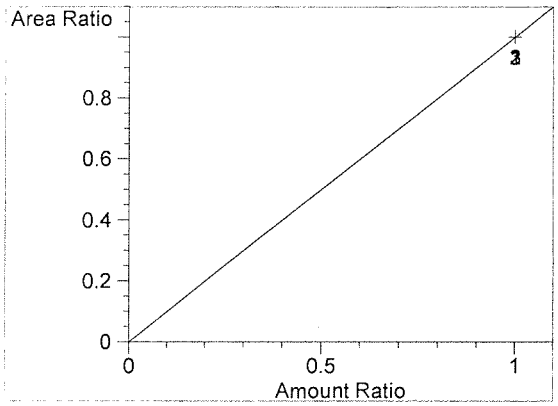


Ethanol at exp. RT: 1.036
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00570
Formula: y = mx + b
m: 5.22462e-2
b: 4.73080e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.701
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

==========

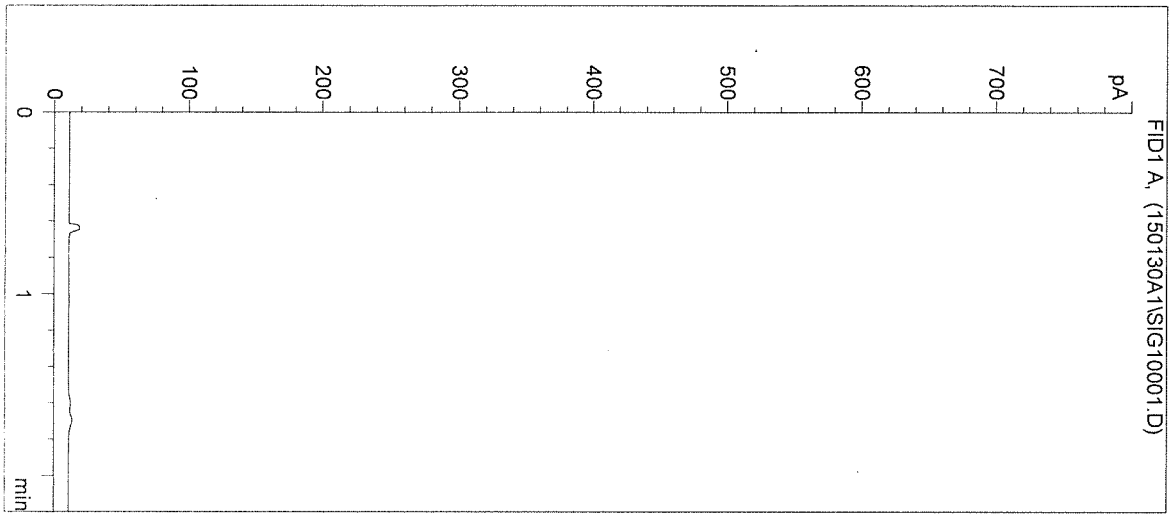
15002

fn 2/4/15

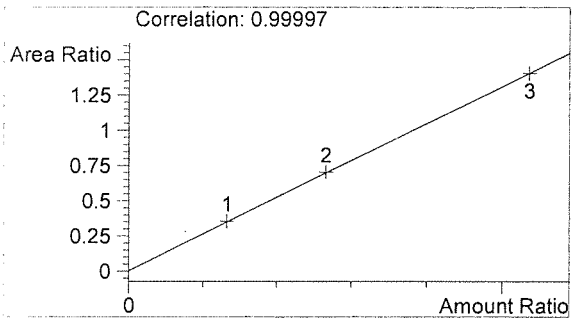
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/30/2015 2:23:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15002

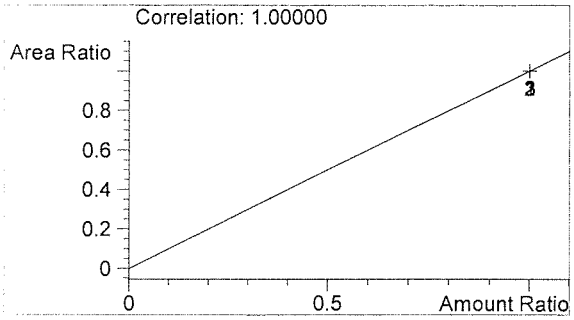
Sample Name: blank
Operator: asa louis
Location: Vial 1



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



Ethanol 0.000 g/100mL

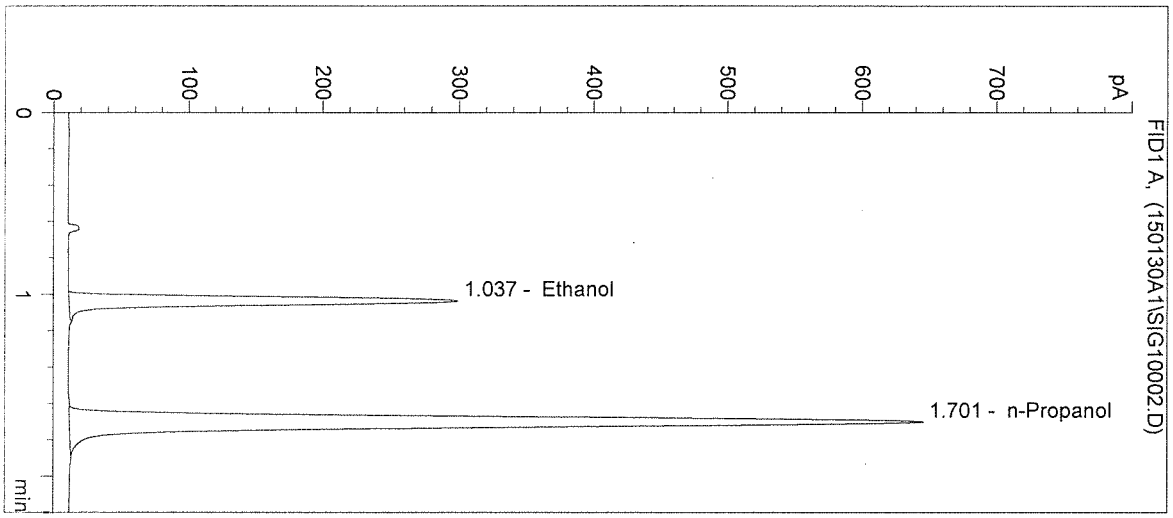


n-Propanol 0.000 g/100mL

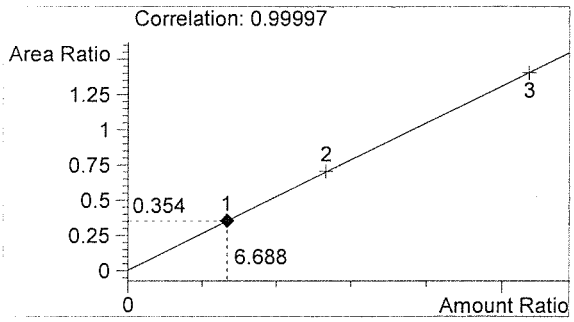
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/30/2015 2:26:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15002

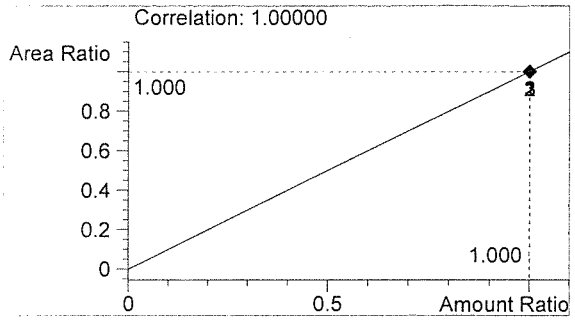
Sample Name: 0.079 cal 1
Operator: asa louis
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	879	1.037
2	n-Propanol	2483	1.701



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

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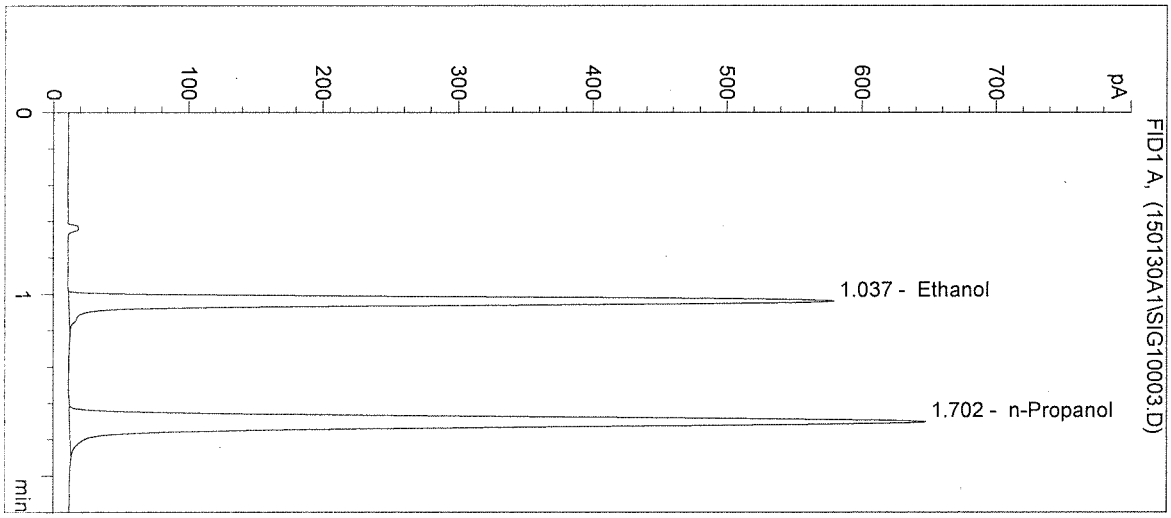
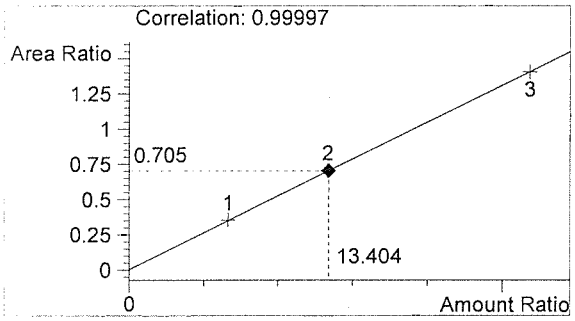
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/30/2015 2:29:49 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15002

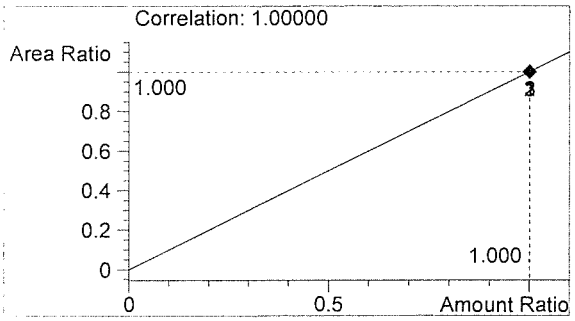
Sample Name: 0.158 cal 2
Operator: asa louis
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1759	1.037
2	n-Propanol	2495	1.702



Ethanol 0.161 g/100mL

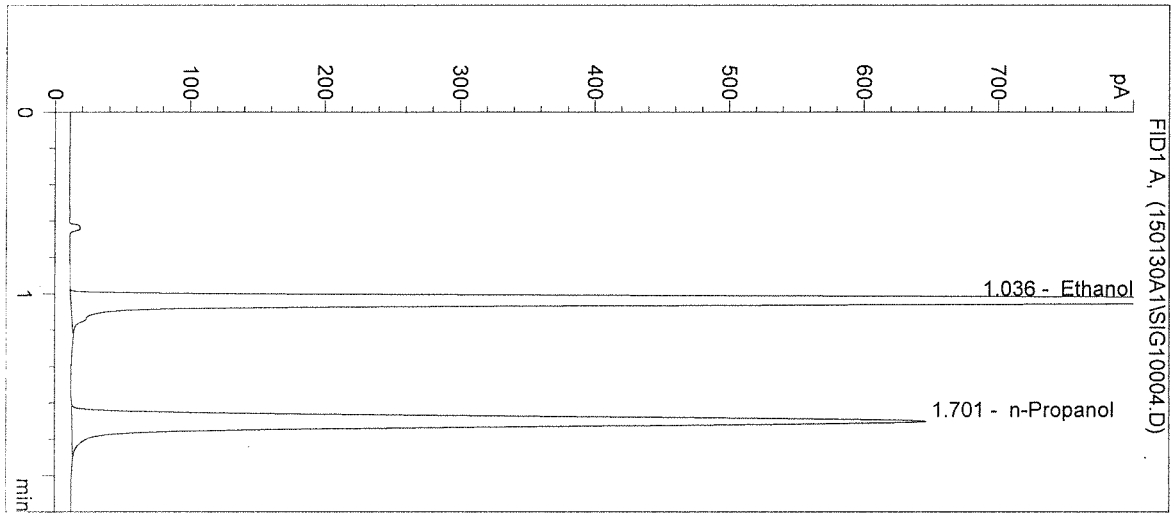


n-Propanol 0.012 g/100mL

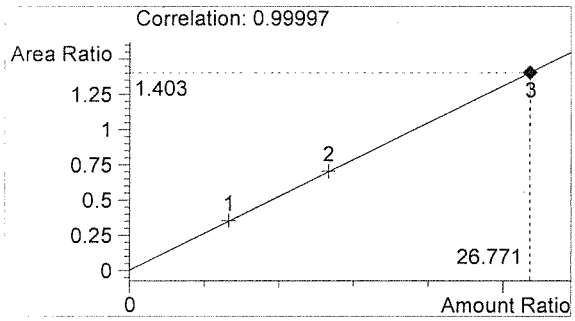
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/30/2015 2:33:06 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15002

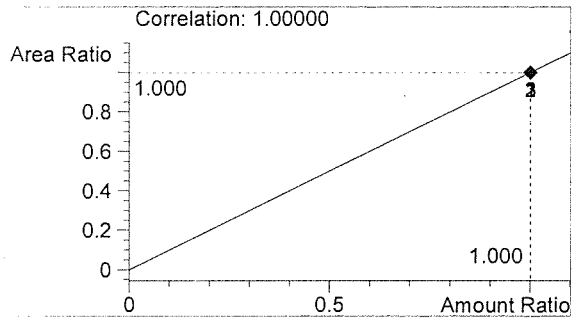
Sample Name: 0.316 cal 3
Operator: asa louis
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3488	1.036
2	n-Propanol	2485	1.701



Ethanol 0.321 g/100mL

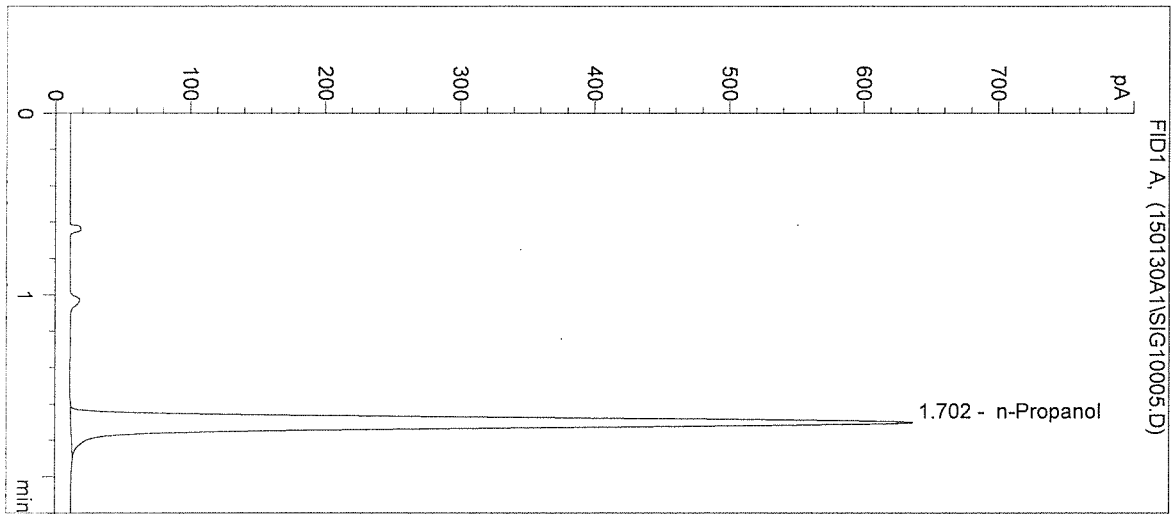


n-Propanol 0.012 g/100mL

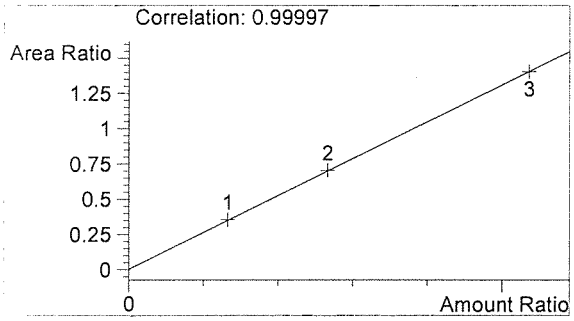
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/30/2015 2:36:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15002

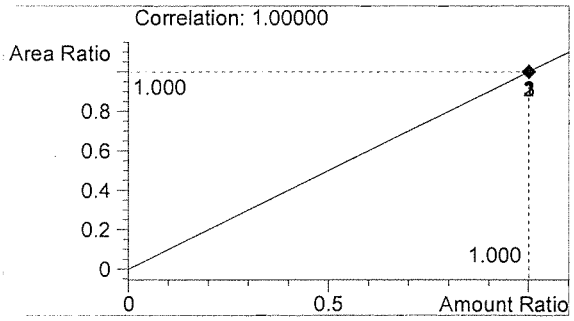
Sample Name: neg control - al
Operator: asa louis
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2457	1.702



Ethanol 0.000 g/100mL

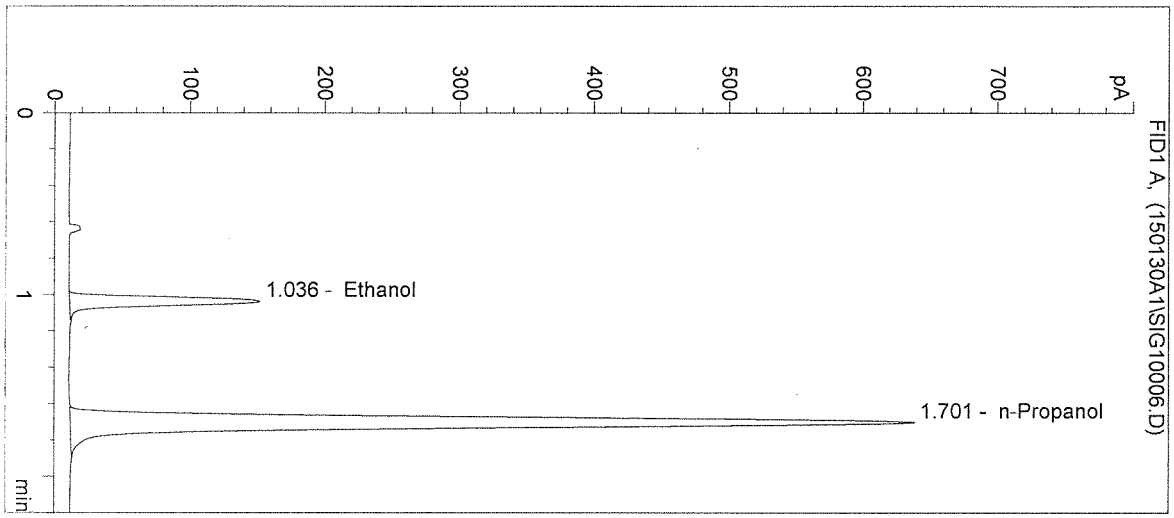


n-Propanol 0.012 g/100mL

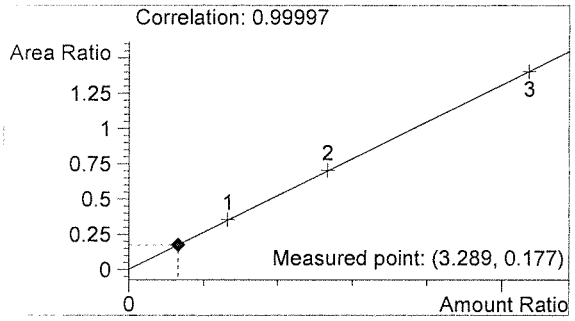
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/30/2015 2:39:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15002

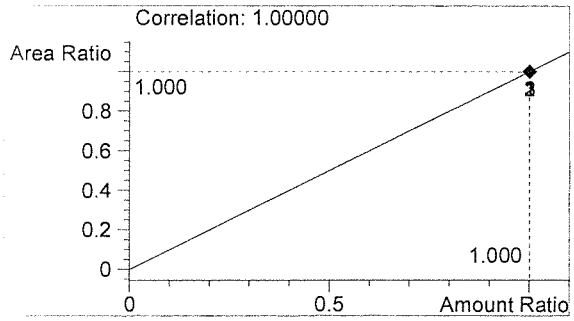
Sample Name: 0.04 ctrl al
Operator: asa louis
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	436	1.036
2	n-Propanol	2471	1.701



Ethanol 0.039 g/100mL

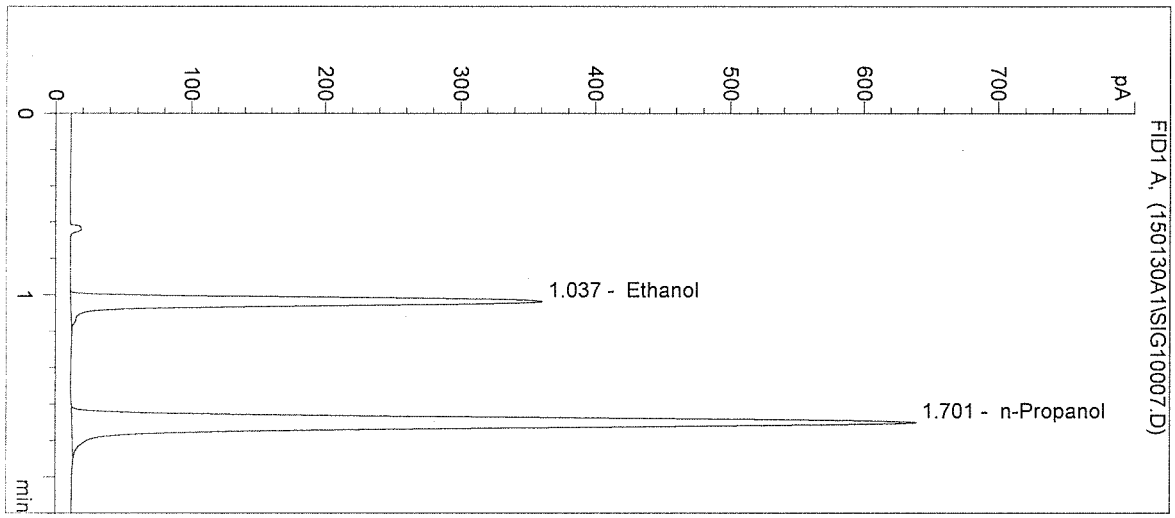


n-Propanol 0.012 g/100mL

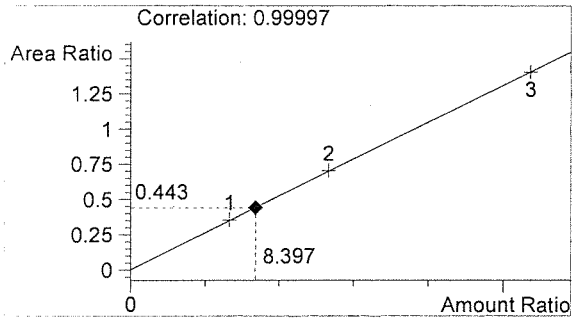
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/30/2015 2:42:46 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15002

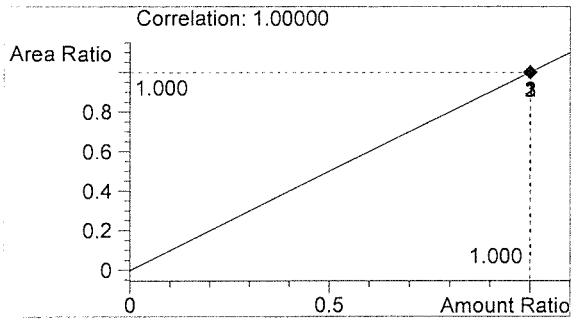
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1097	1.037
2	n-Propanol	2473	1.701



Ethanol 0.101 g/100mL

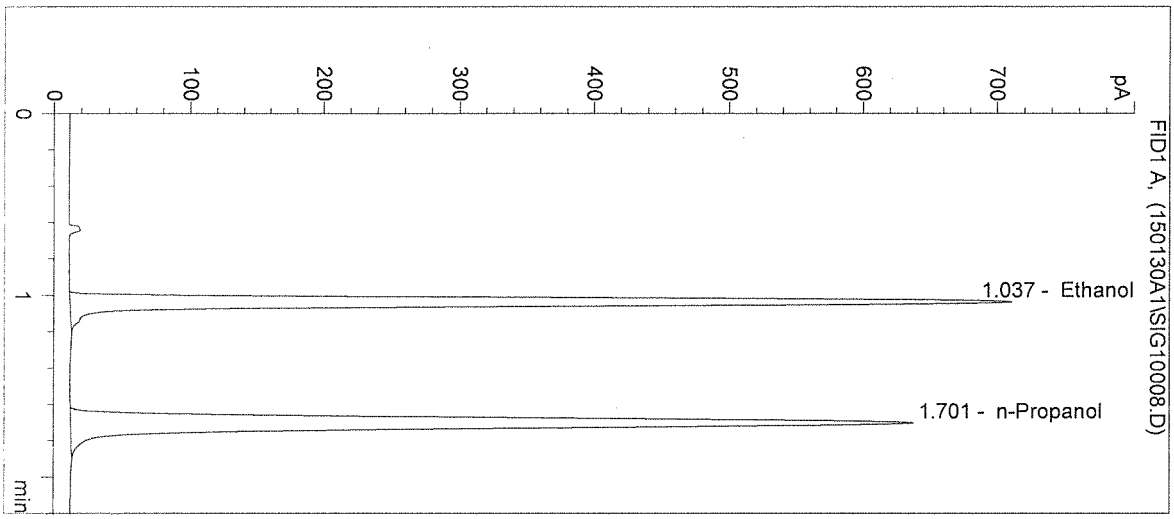


n-Propanol 0.012 g/100mL

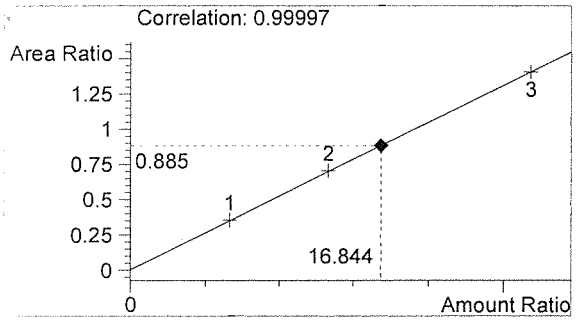
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/30/2015 2:45:59 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15002

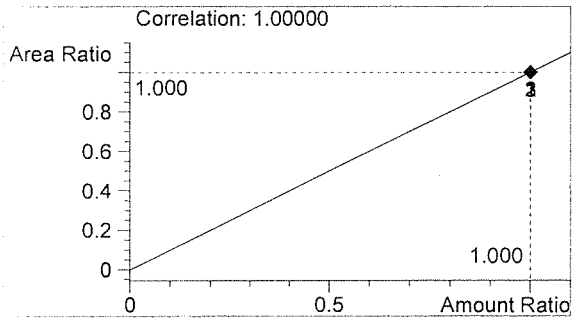
Sample Name: 0.20 ctrl al
Operator: asa louis
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2173	1.037
2	n-Propanol	2457	1.701



Ethanol 0.202 g/100mL

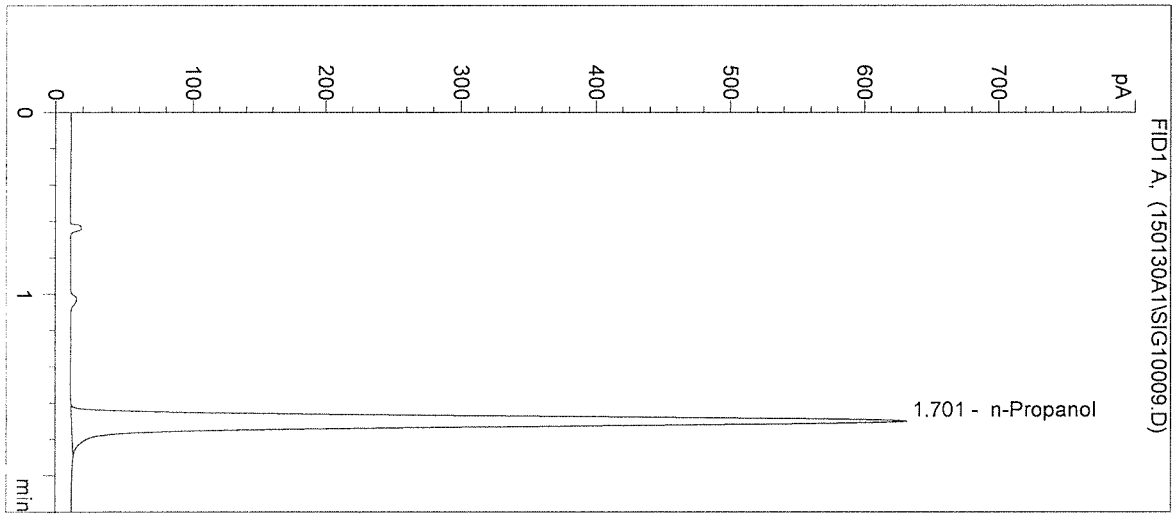


n-Propanol 0.012 g/100mL

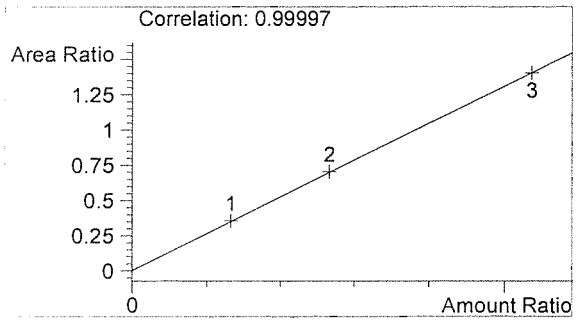
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/30/2015 2:49:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15002

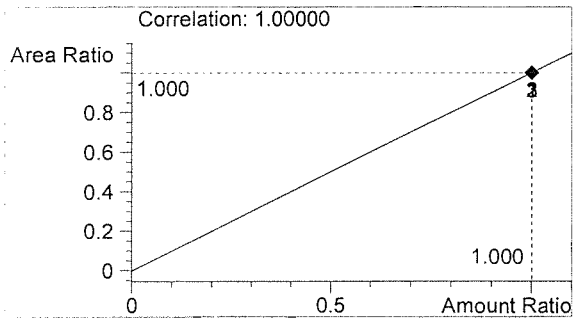
Sample Name: neg control - al
Operator: asa louis
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2441	1.701



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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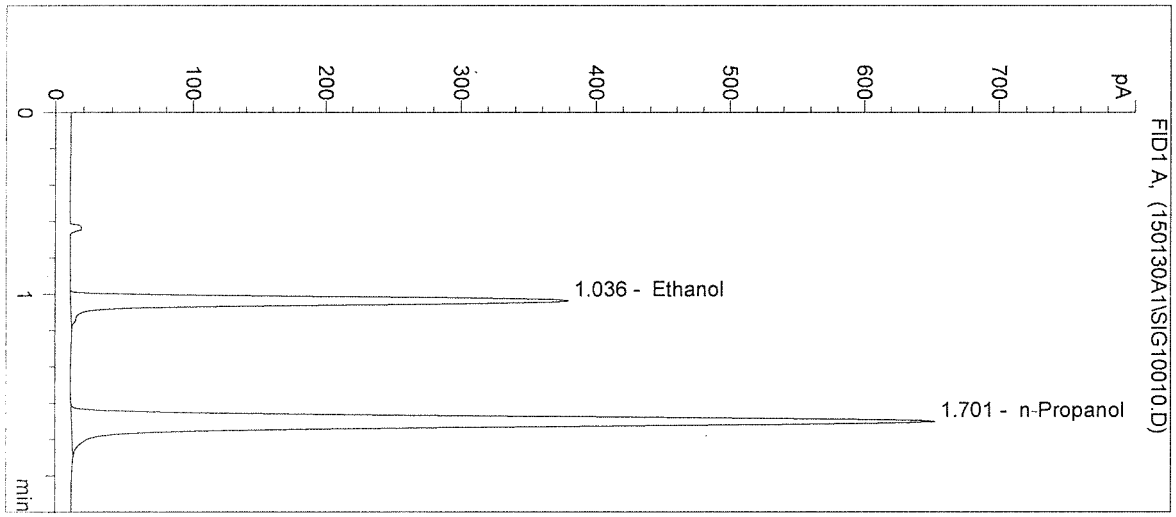
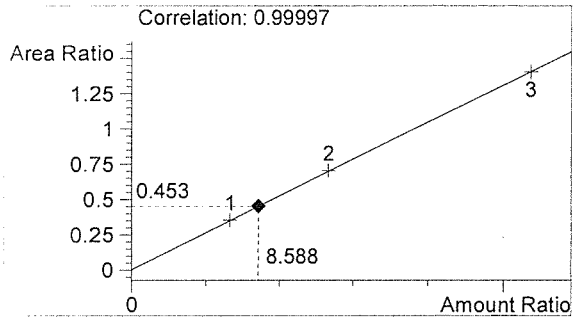
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/30/2015 2:52:26 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

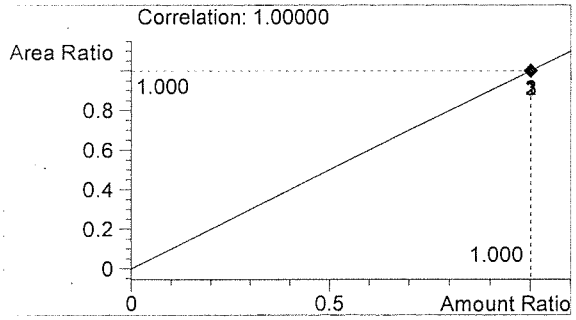
Sample Name: 15002 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1141	1.036
2	n-Propanol	2518	1.701



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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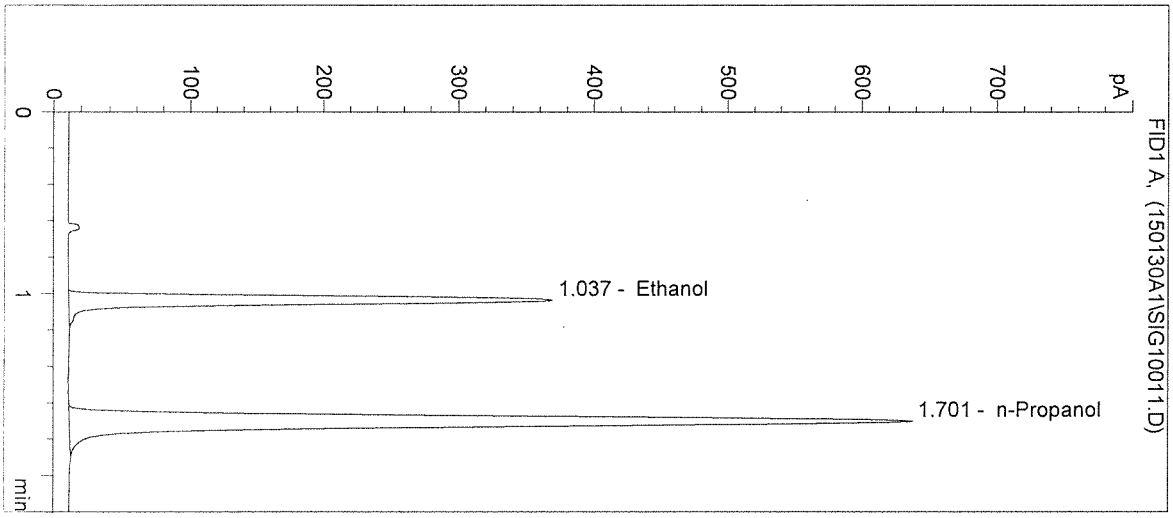
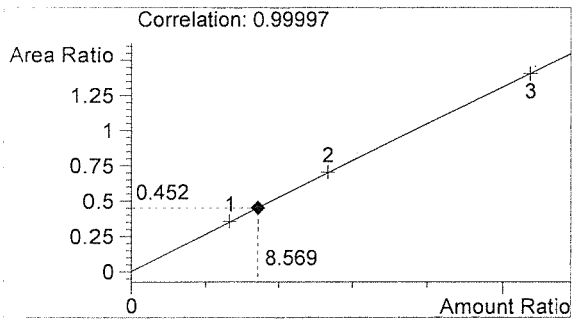
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/30/2015 2:55:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

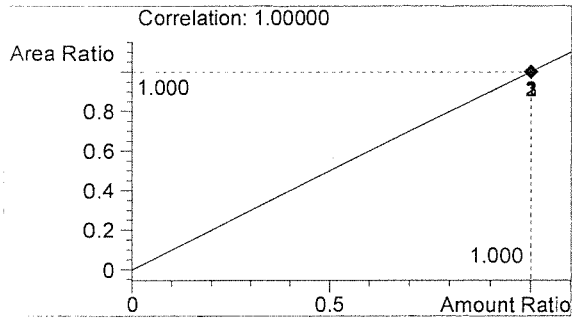
Sample Name: 15002 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.037
2	n-Propanol	2462	1.701



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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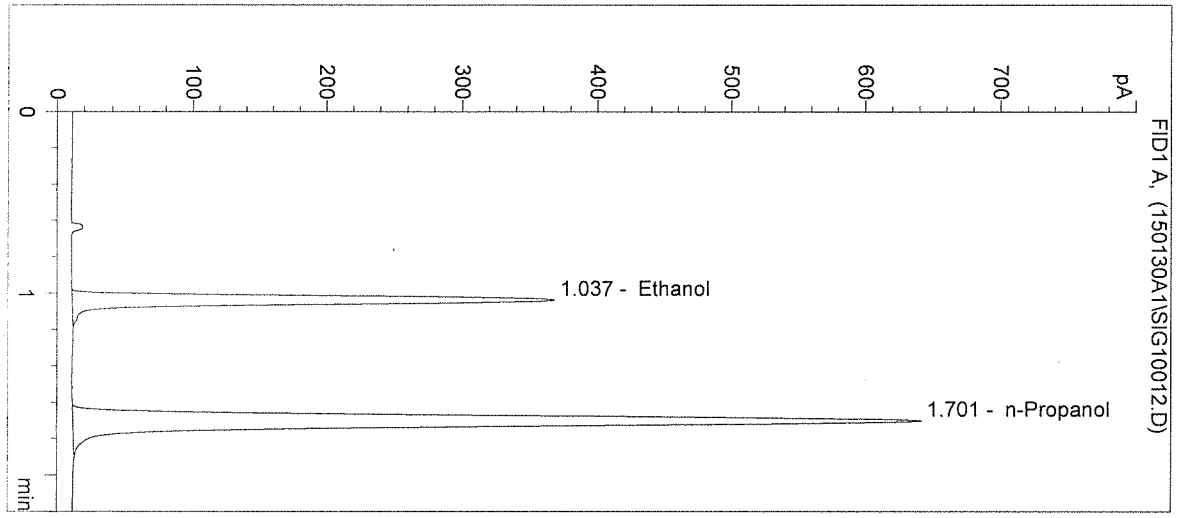
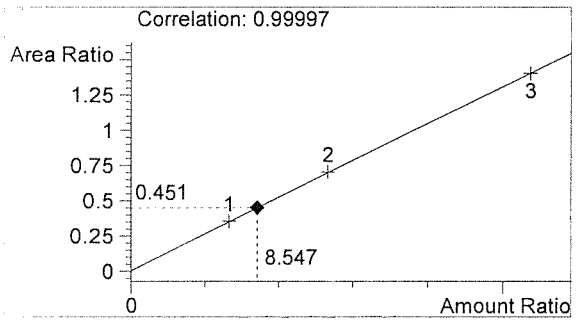
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/30/2015 2:58:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

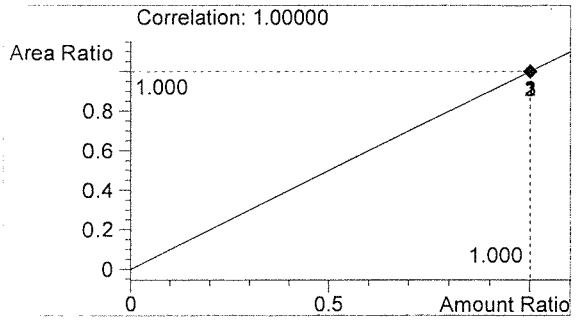
Sample Name: 15002 #3
Operator: asa louis
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1123	1.037
2	n-Propanol	2488	1.701



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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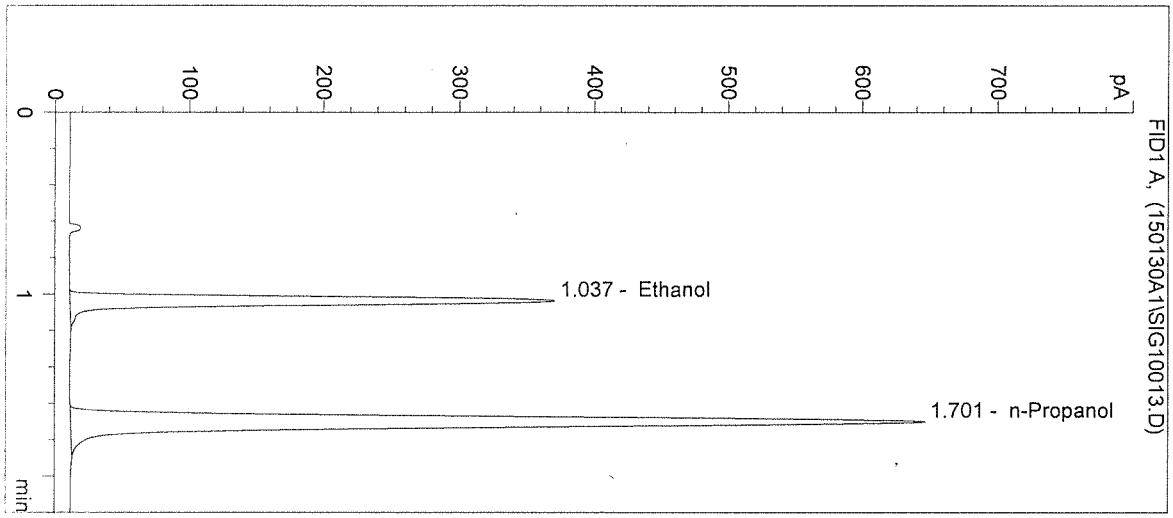
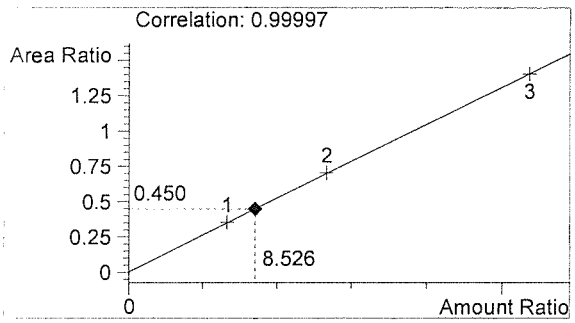
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/30/2015 3:02:06 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

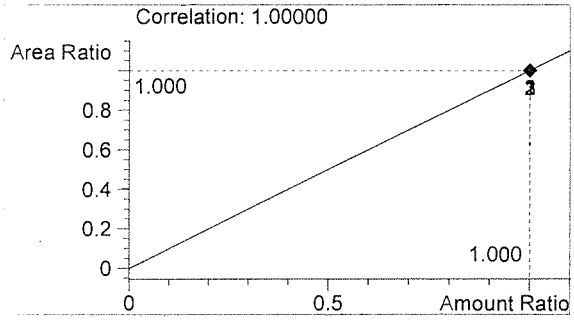
Sample Name: 15002 #4
Operator: asa louis
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1130	1.037
2	n-Propanol	2510	1.701



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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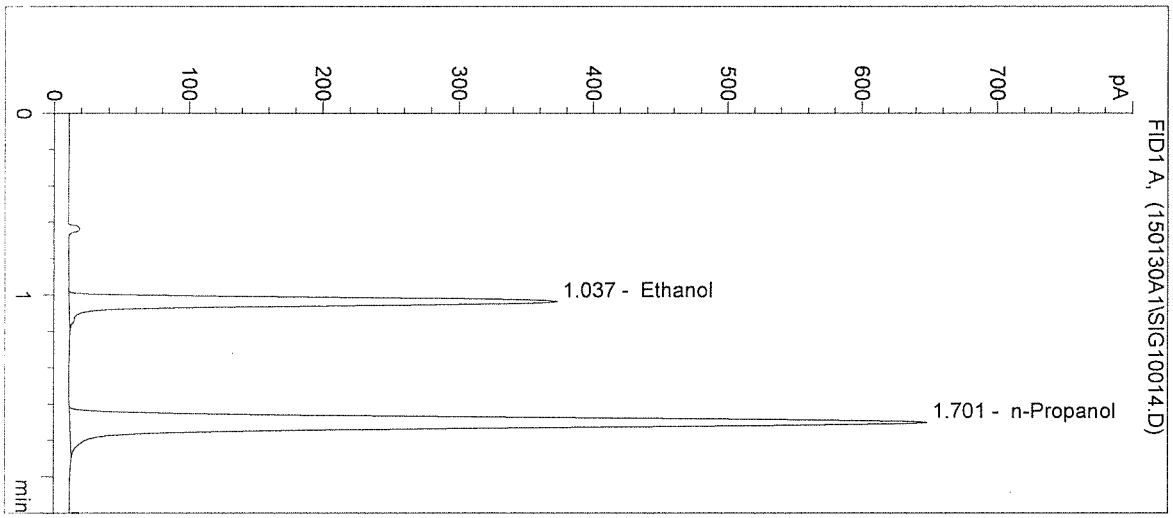
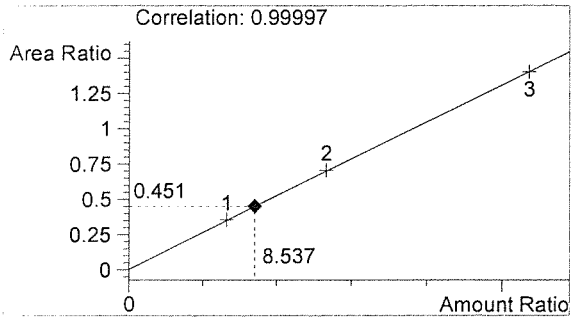
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/30/2015 3:05:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

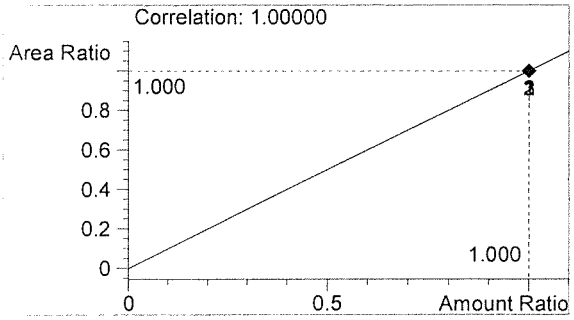
Sample Name: 15002 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1130	1.037
2	n-Propanol	2506	1.701



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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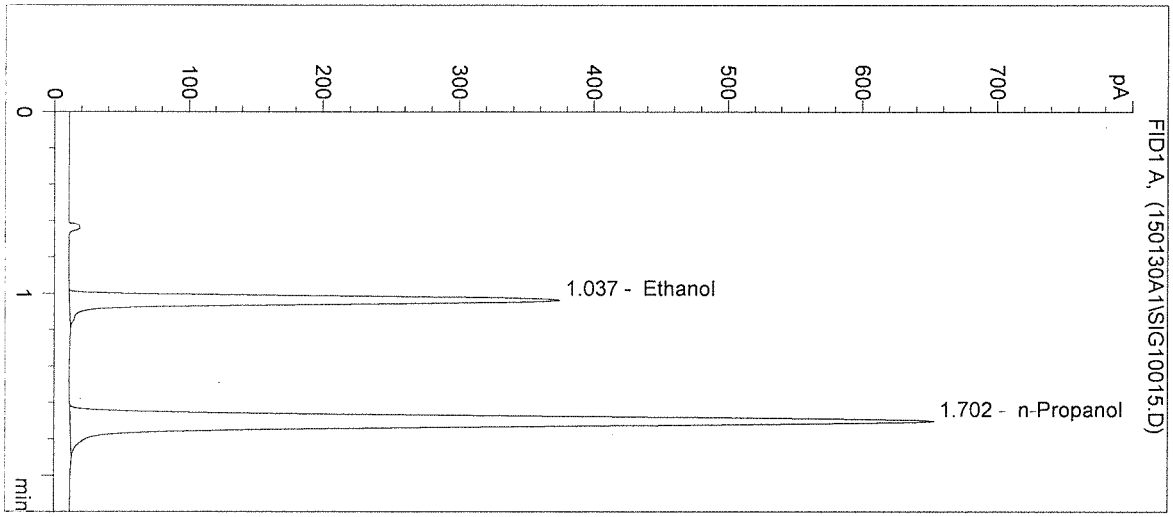
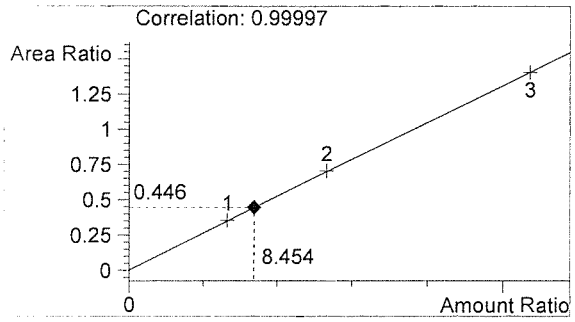
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/30/2015 3:08:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15002

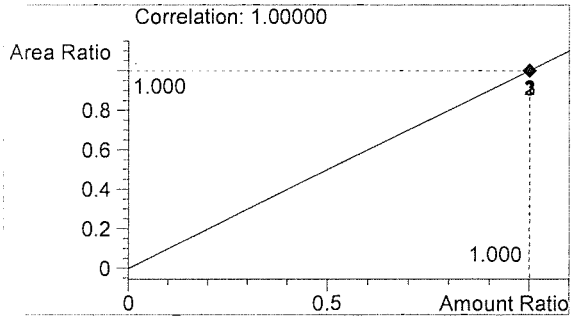
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1126	1.037
2	n-Propanol	2522	1.702



Ethanol 0.101 g/100mL

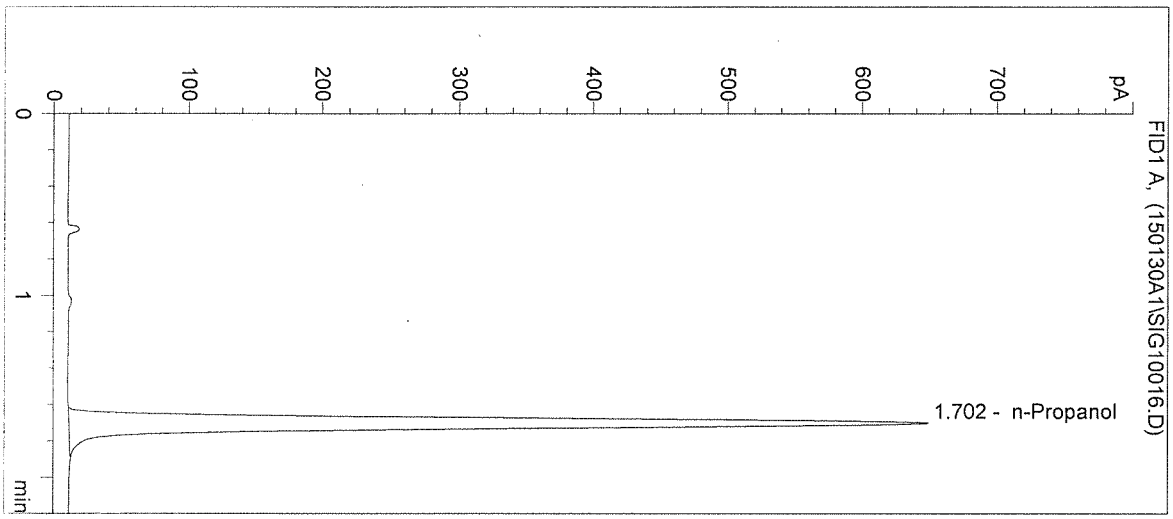


n-Propanol 0.012 g/100mL

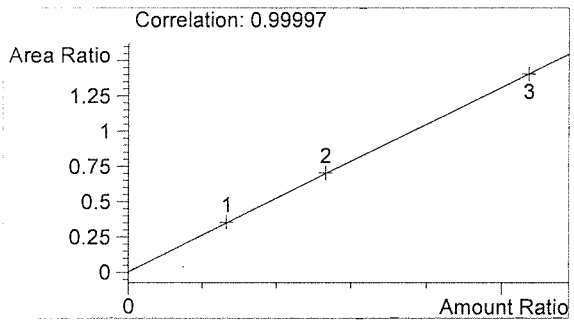
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/30/2015 3:11:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 15002

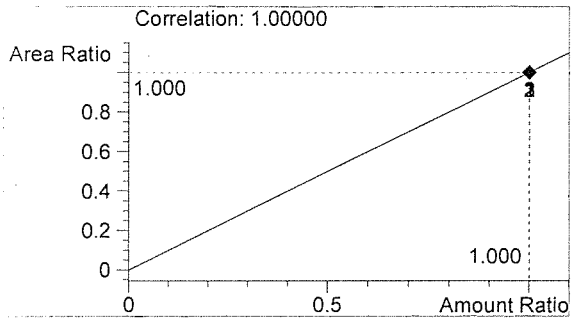
Sample Name: neg control - al
Operator: asa louis
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2500	1.702



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Sequence Parameters:

Operator:	Naziha Nuwayhid, PhD
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:	150122NN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0814-01 - Exp. 02/19/2015
Ethanol Calibrator 2, E0814-02 - Exp. 02/19/2015
Ethanol Calibrator 3, E0814-03 - Exp. 02/19/2015
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#P1114 - Exp. 02/20/2015

Calibration vials 1-9 filed with 15002.

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	15002-1	SIMALC1	1	Sample		
11	Vial 11	15002-2	SIMALC1	1	Sample		
12	Vial 12	15002-3	SIMALC1	1	Sample		
13	Vial 13	15002-4	SIMALC1	1	Sample		
14	Vial 14	15002-5	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	15003-1	SIMALC1	1	Sample		
18	Vial 18	15003-2	SIMALC1	1	Sample		
19	Vial 19	15003-3	SIMALC1	1	Sample		
20	Vial 20	15003-4	SIMALC1	1	Sample		
21	Vial 21	15003-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		

15002
Yn 2/4/15

Calibration Part:

Sequence: C:\HPCHEM\1\SEQUENCE\NNESS1.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!

15002

Jnz 2/4/15

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

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Calibration Table

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Calib. Data Modified : Thursday, January 22, 2015 12:27:03 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
1.037	1	1	7.95500e-2	906.16479	8.77876e-5	1		Ethanol
		2	1.59740e-1	1744.07129	9.15903e-5			
		3	3.21980e-1	3428.77930	9.39051e-5			
1.701	1	1	1.20000e-2	2515.64624	4.77015e-6	I1		n-Propanol
		2	1.20000e-2	2457.65405	4.88271e-6			
		3	1.20000e-2	2431.10376	4.93603e-6			

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Peak Sum Table

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No Entries in table

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15002

Jne 2/4/15

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Calibration Curves

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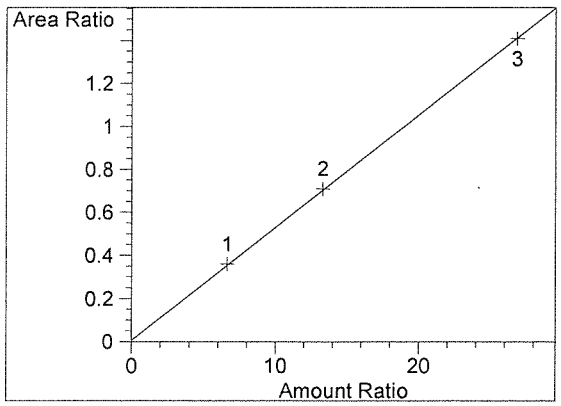
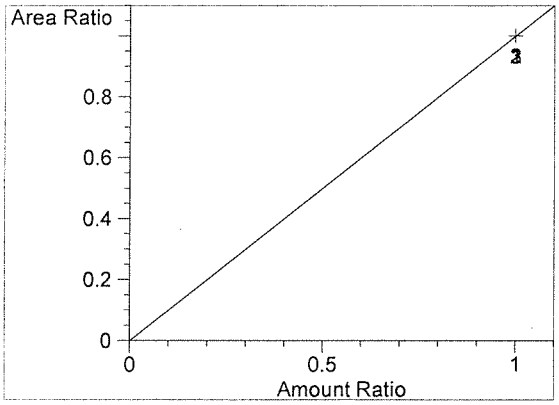


Ethanol at exp. RT: 1.037
FID1 A,
Correlation: 0.99995
Residual Std. Dev.: 0.00757
Formula: y = mx + b
m: 5.24538e-2
b: 6.71165e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.701
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

==========

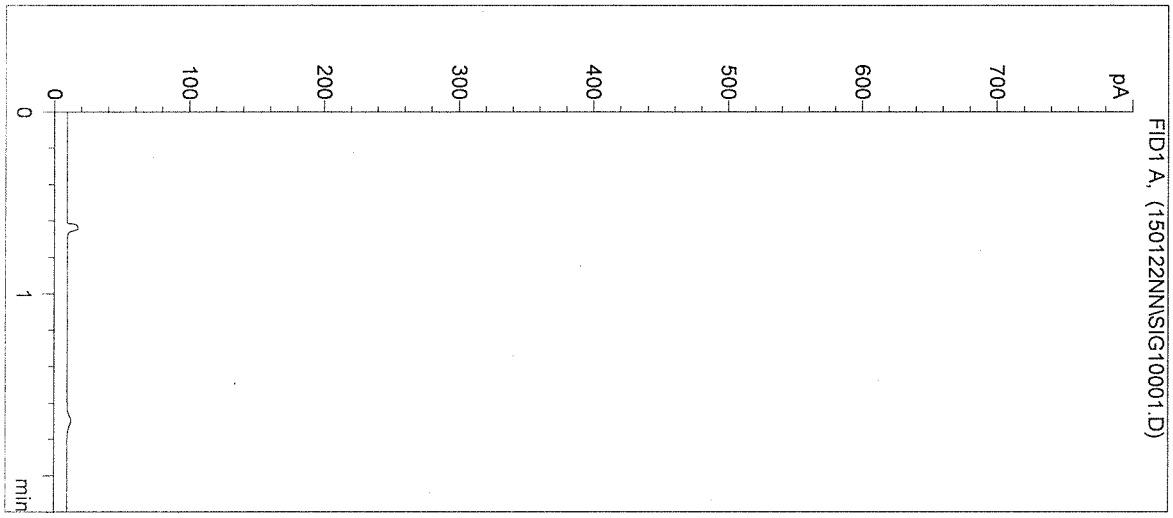
15002

Jn 2/4/15

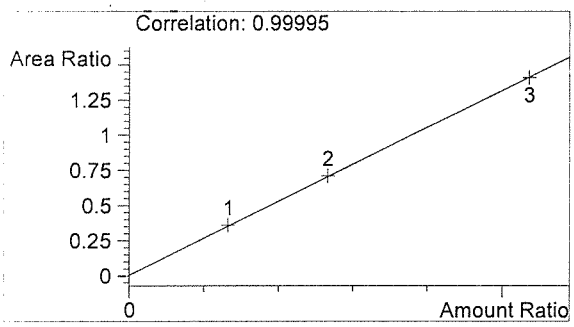
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2015 12:14:58 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

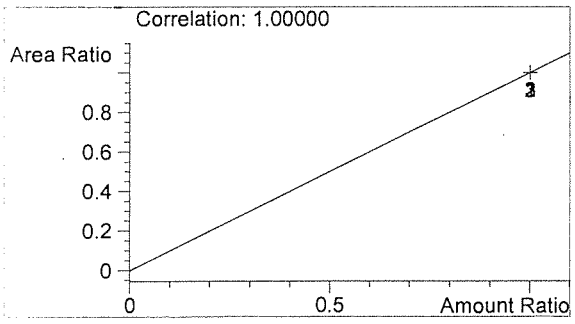
Sample Name: BLANK
Operator: Naziha Nuwayhid, PhD
Location: Vial 1



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



Ethanol 0.000 g/100mL

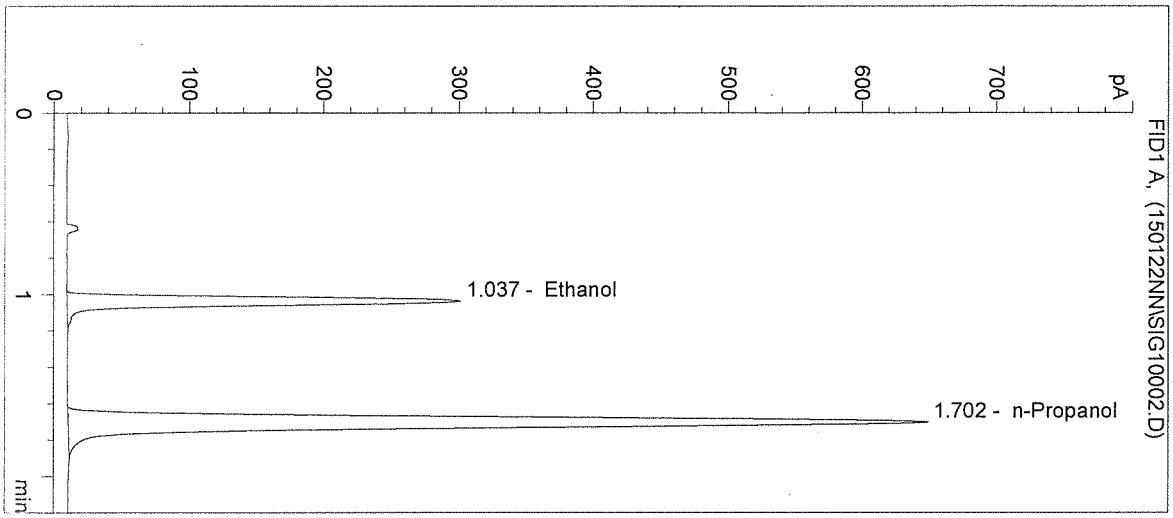


n-Propanol 0.000 g/100mL

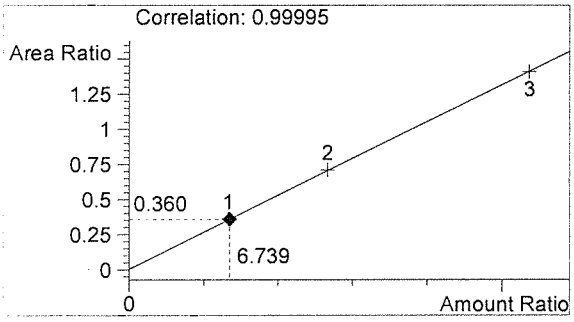
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2015 12:18:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

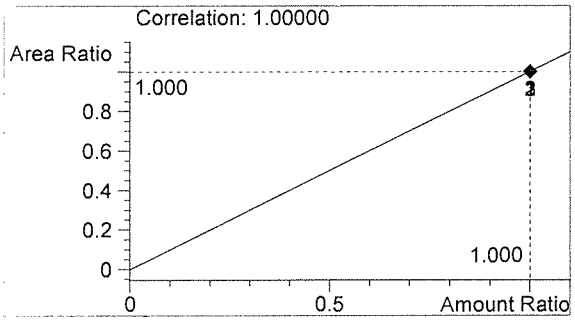
Sample Name: 0.079 CAL 1
Operator: Naziha Nuwayhid, PhD
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	906	1.037
2	n-Propanol	2516	1.702



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

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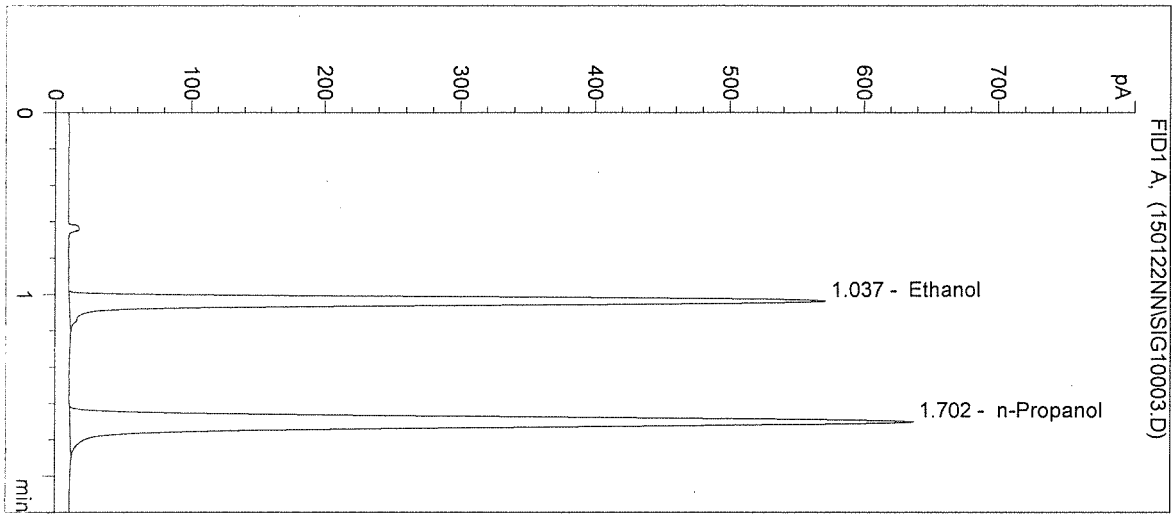
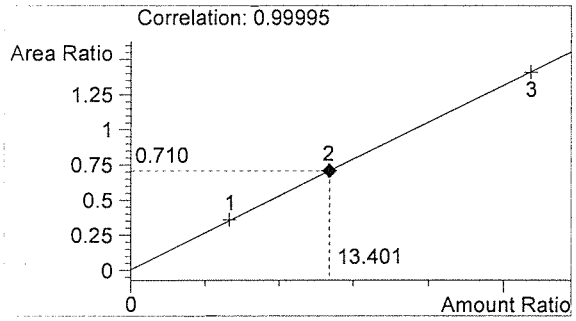
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2015 12:21:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

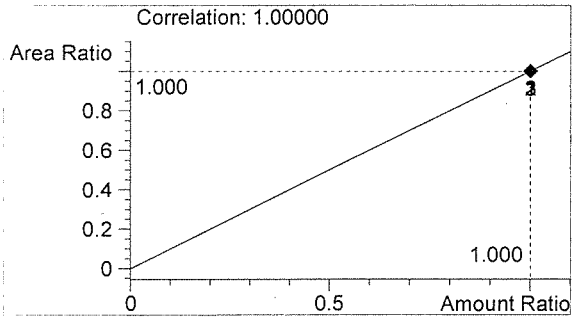
Sample Name: 0.158 CAL 2
Operator: Naziha Nuwayhid, PhD
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1744	1.037
2	n-Propanol	2458	1.702



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

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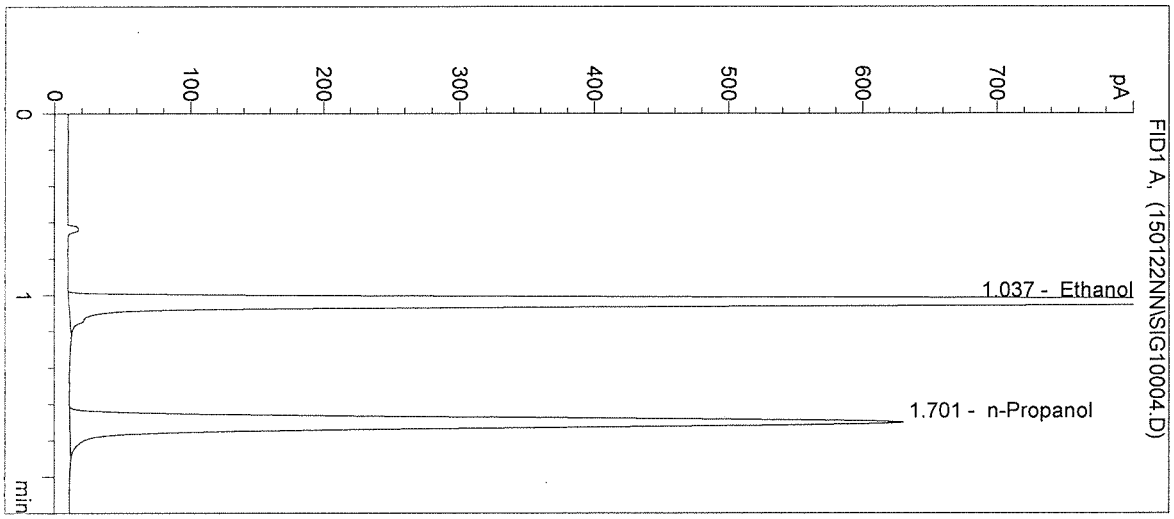
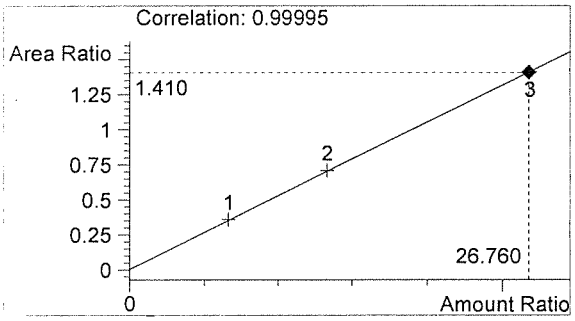
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2015 12:24:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

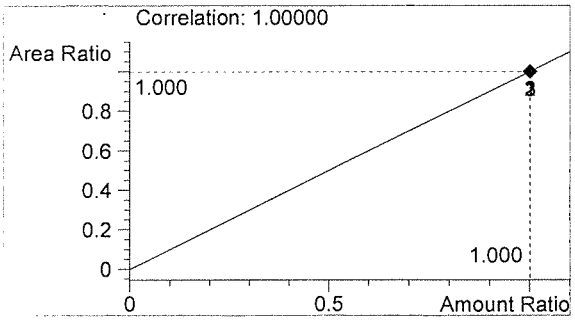
Sample Name: 0.316 CAL 3
Operator: Naziha Nuwayhid, PhD
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3429	1.037
2	n-Propanol	2431	1.701



Ethanol 0.321 g/100mL



n-Propanol 0.012 g/100mL

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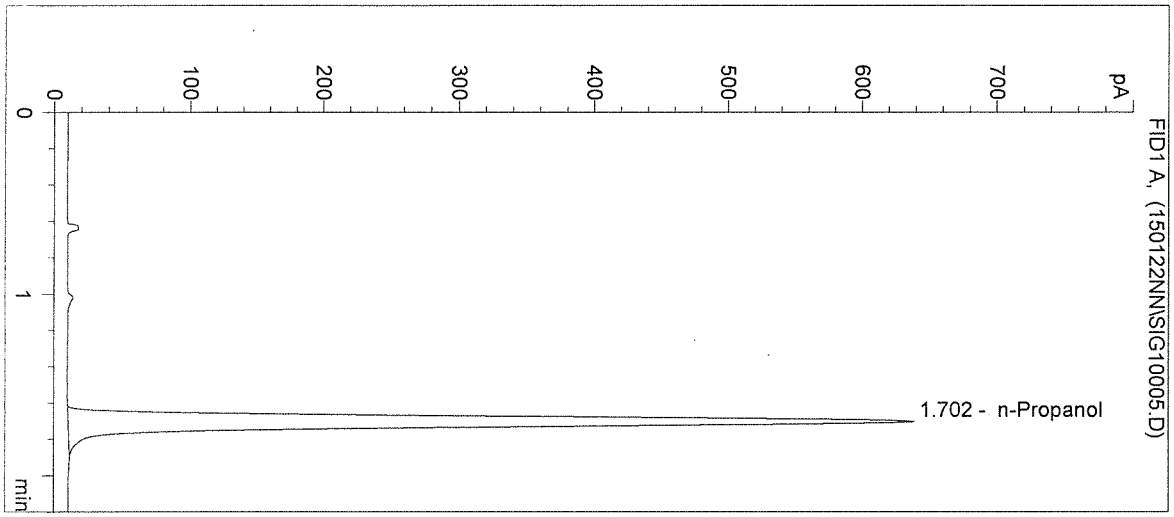
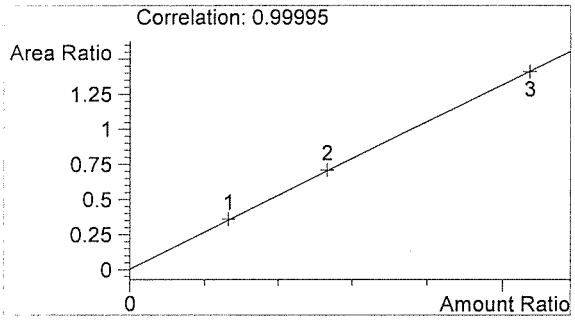
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2015 12:28:03 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

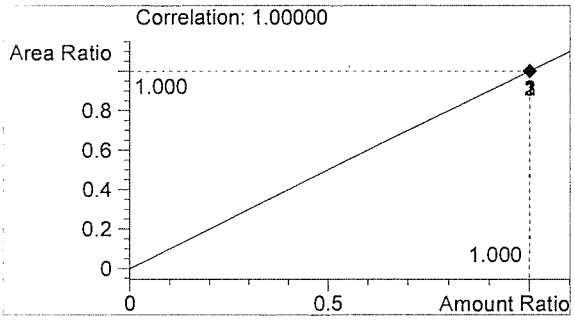
Sample Name: NEG CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2468	1.702



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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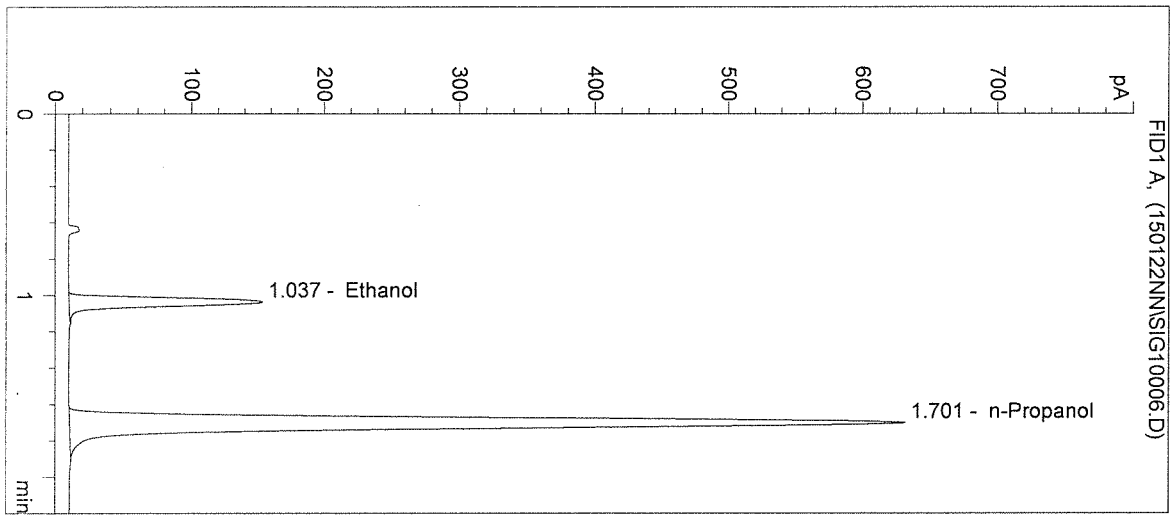
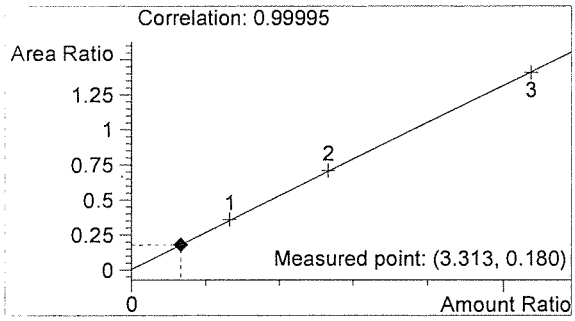
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2015 12:31:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

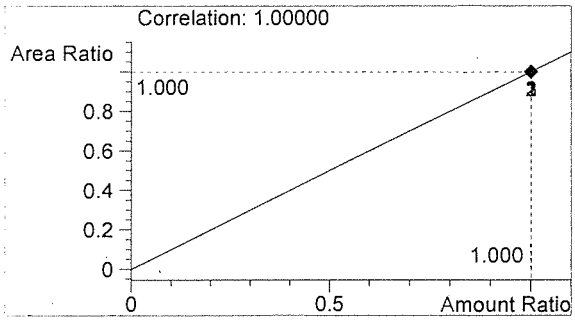
Sample Name: 0.04 CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	441	1.037
2	n-Propanol	2441	1.701



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

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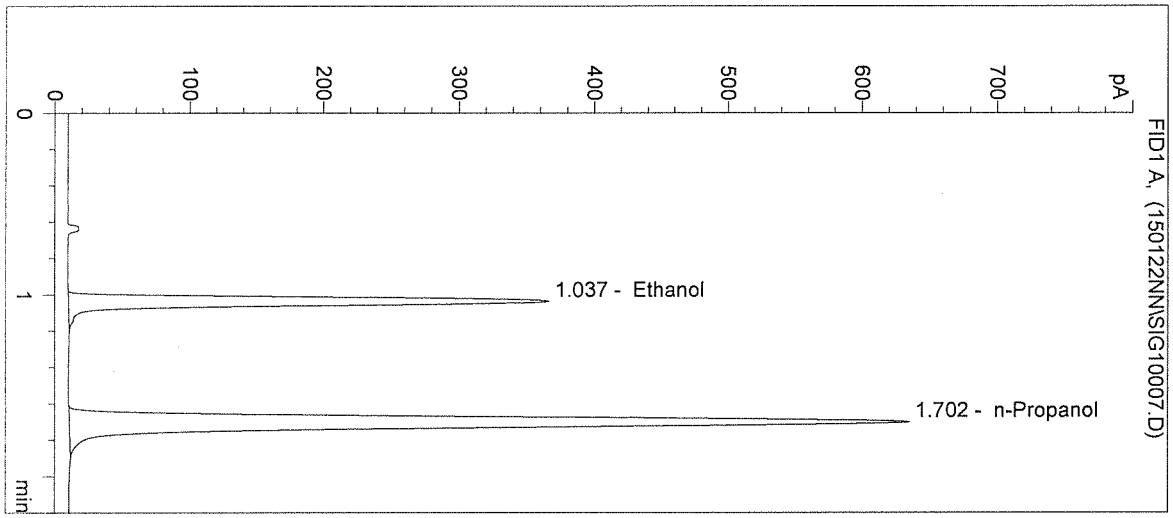
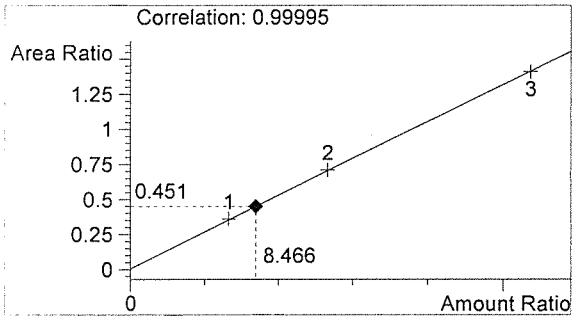
Inj. Date: 1/22/2015 12:34:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

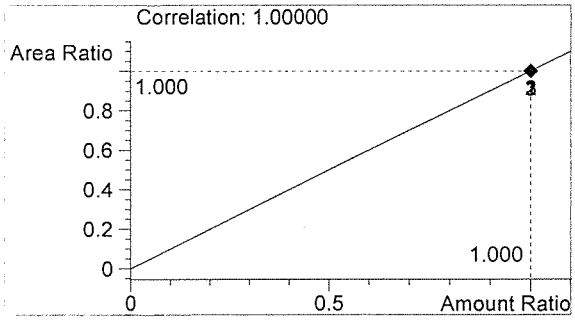
Sample Name: 0.10 CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1107	1.037
2	n-Propanol	2456	1.702



Ethanol 0.102 g/100mL

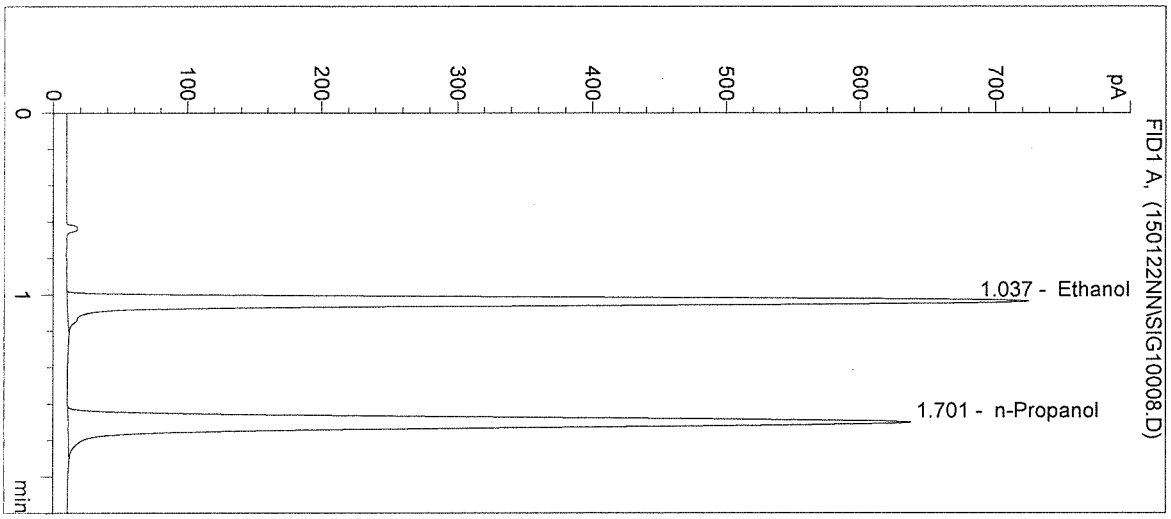


n-Propanol 0.012 g/100mL

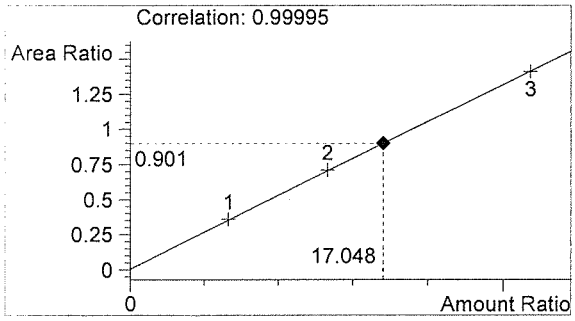
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2015 12:37:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

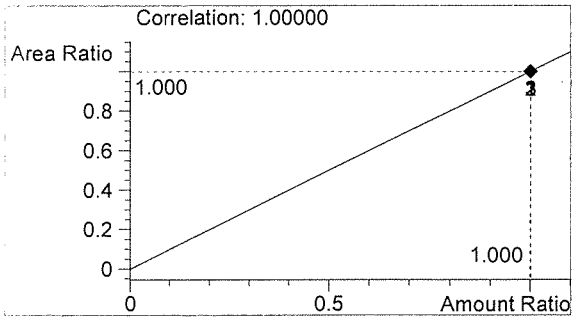
Sample Name: 0.20 CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2217	1.037
2	n-Propanol	2461	1.701



Ethanol 0.205 g/100mL



n-Propanol 0.012 g/100mL

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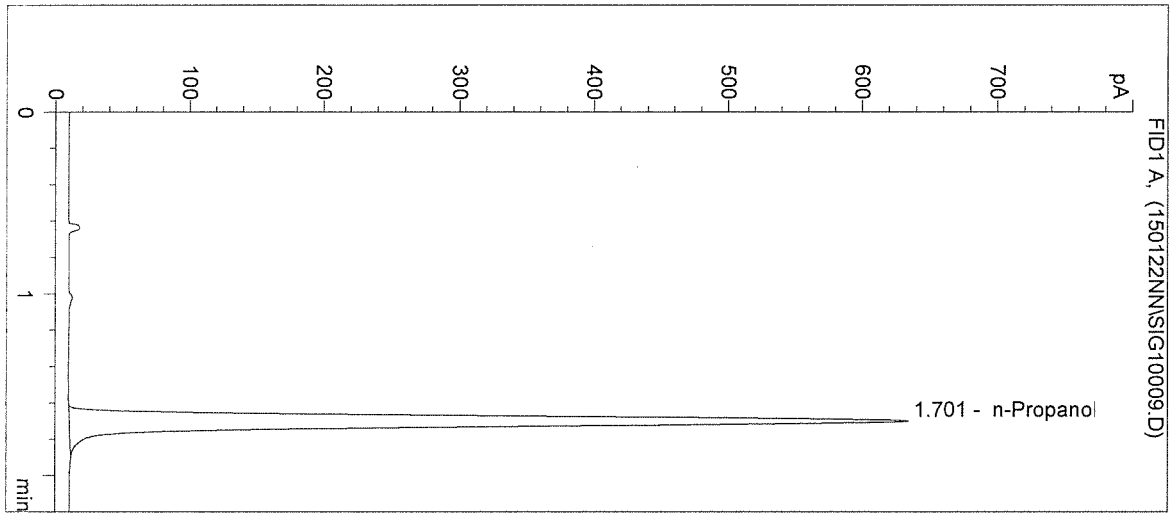
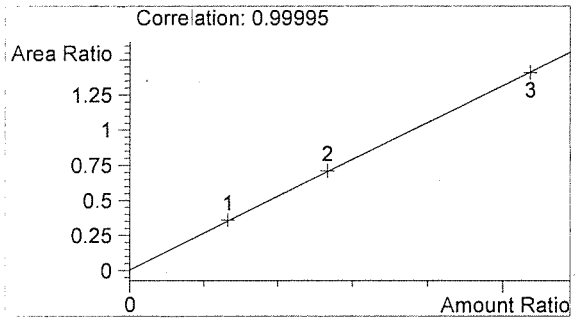
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2015 12:40:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

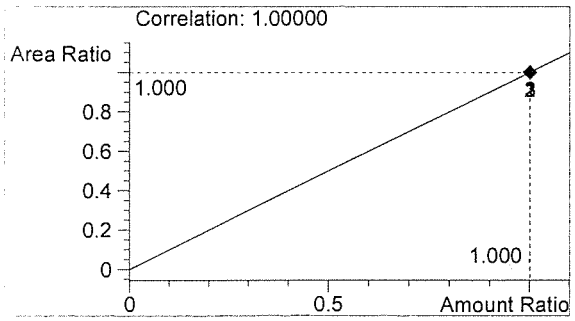
Sample Name: NEG CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2461	1.701



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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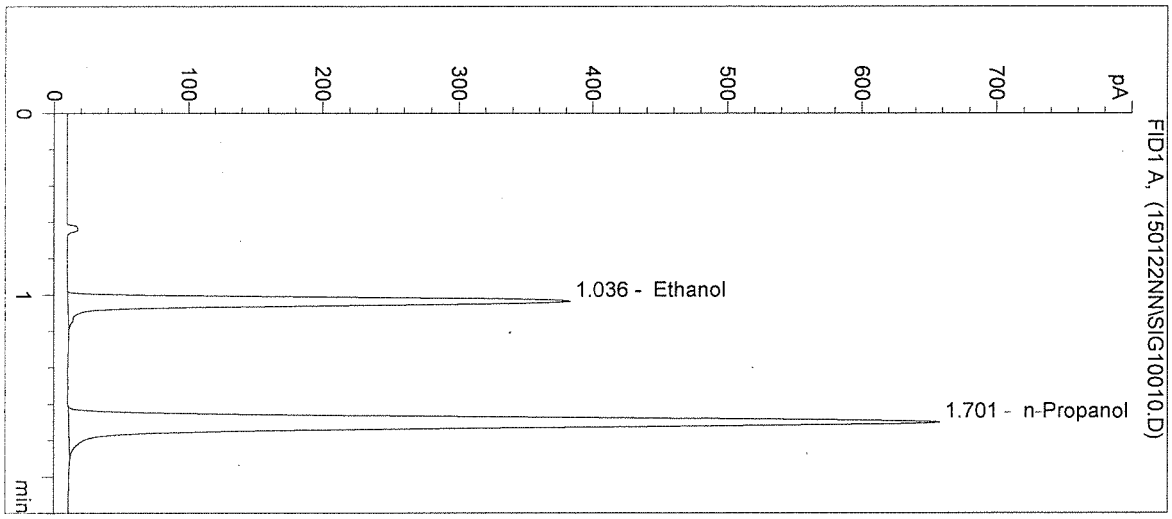
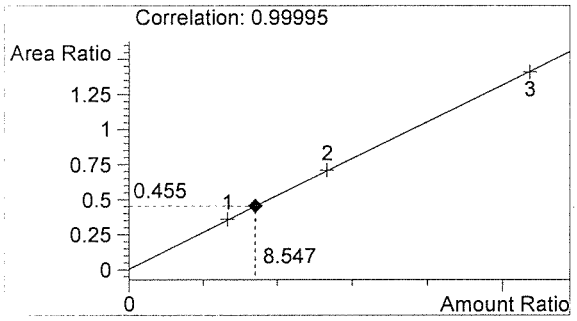
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2015 12:44:08 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

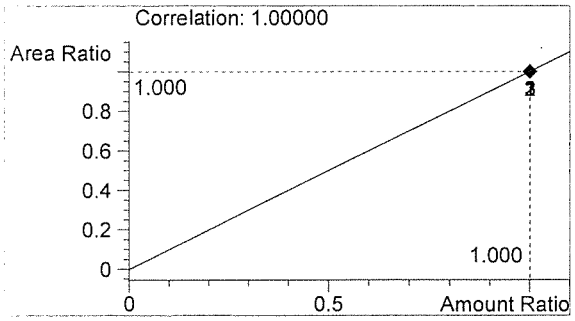
Sample Name: 15002-1
Operator: Naziha Nuwayhid, PhD
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1160	1.036
2	n-Propanol	2549	1.701



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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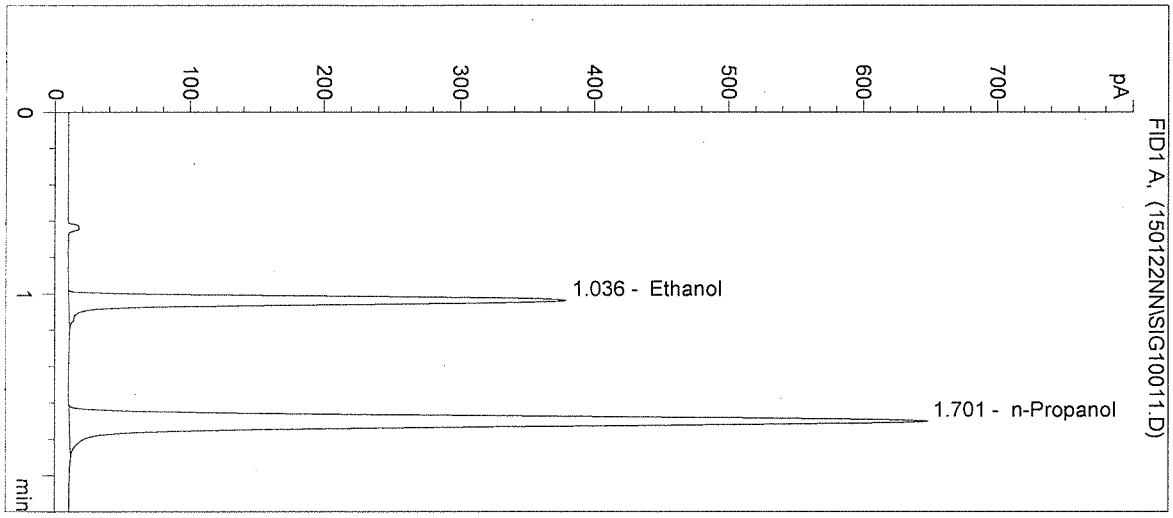
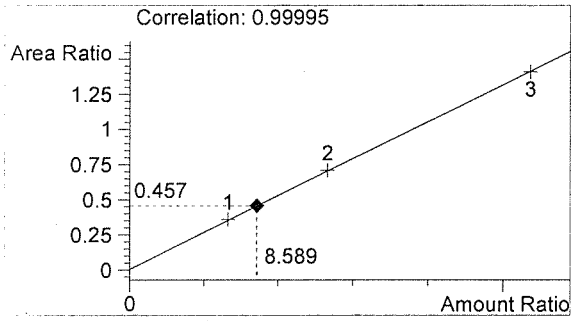
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2015 12:47:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

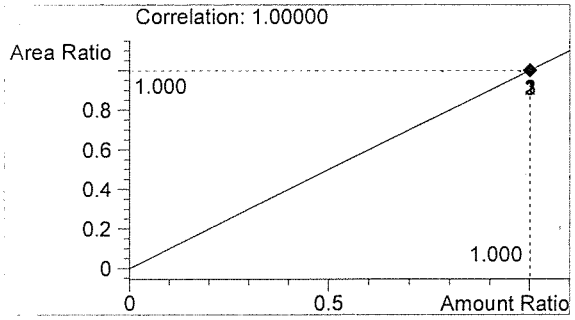
Sample Name: 15002-2
Operator: Naziha Nuwayhid, PhD
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1148	1.036
2	n-Propanol	2510	1.701



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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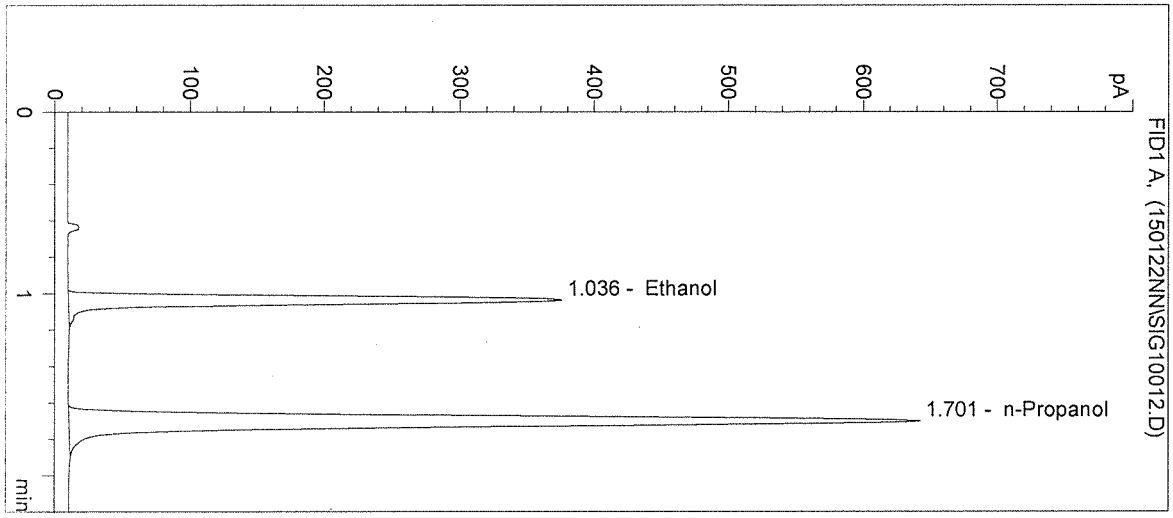
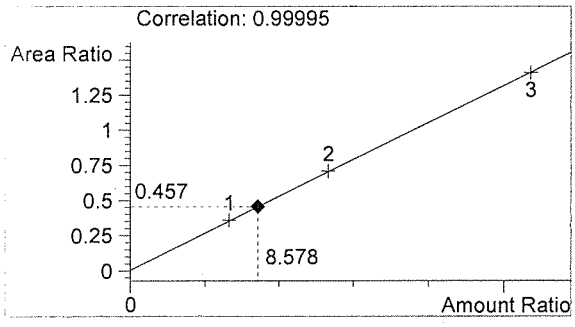
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2015 12:50:35 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

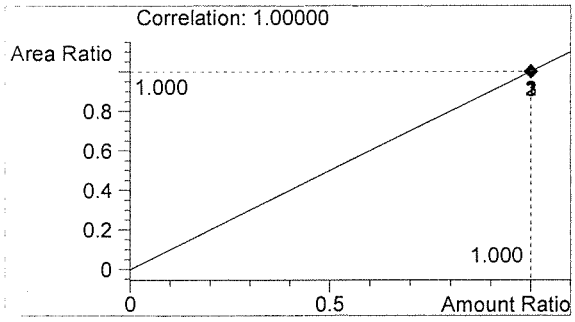
Sample Name: 15002-3
Operator: Naziha Nuwayhid, PhD
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1138	1.036
2	n-Propanol	2492	1.701



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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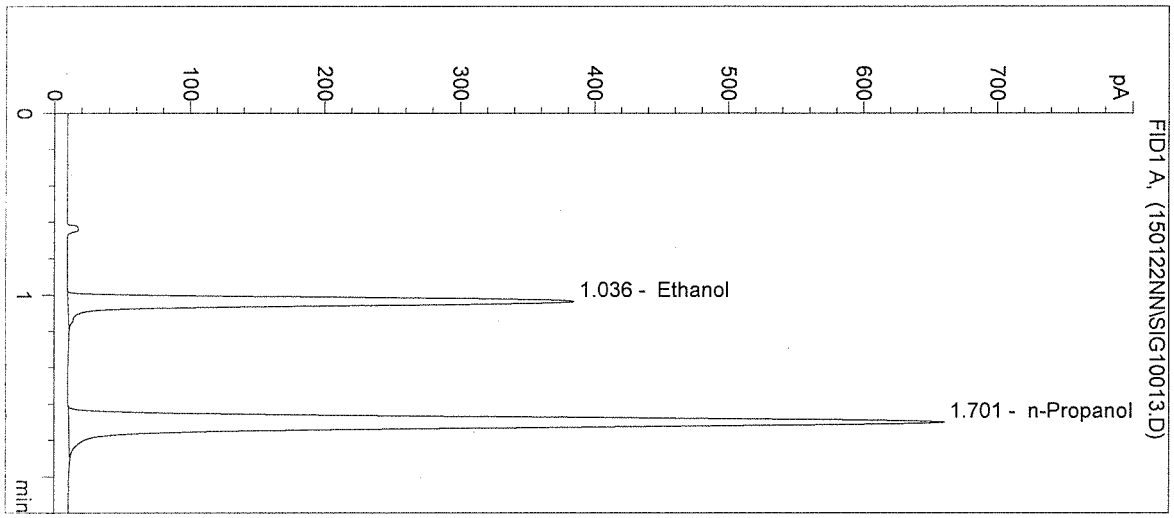
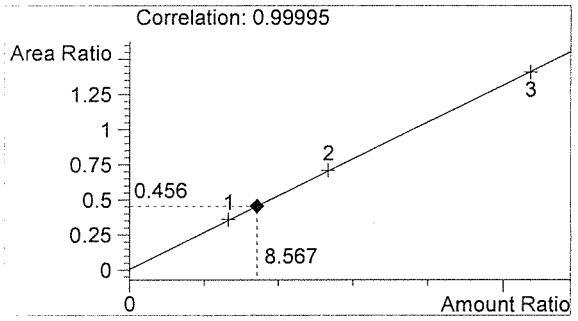
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2015 12:53:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

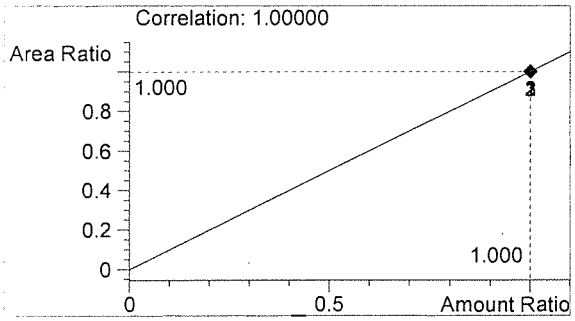
Sample Name: 15002-4
Operator: Naziha Nuwayhid, PhD
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1166	1.036
2	n-Propanol	2557	1.701



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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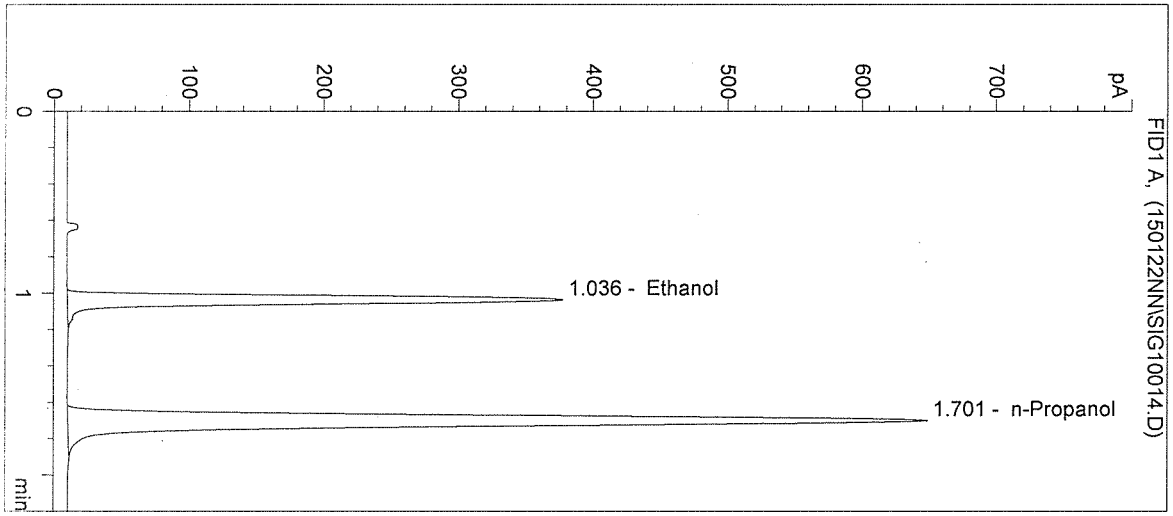
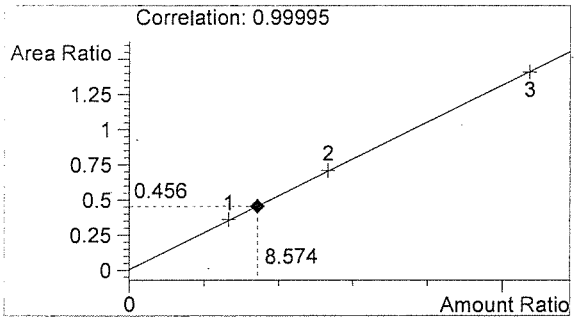
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2015 12:57:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

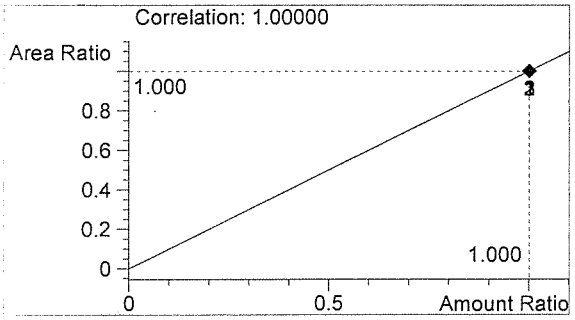
Sample Name: 15002-5
Operator: Naziha Nuwayhid, PhD
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1146	1.036
2	n-Propanol	2511	1.701



Ethanol 0.103 g/100mL

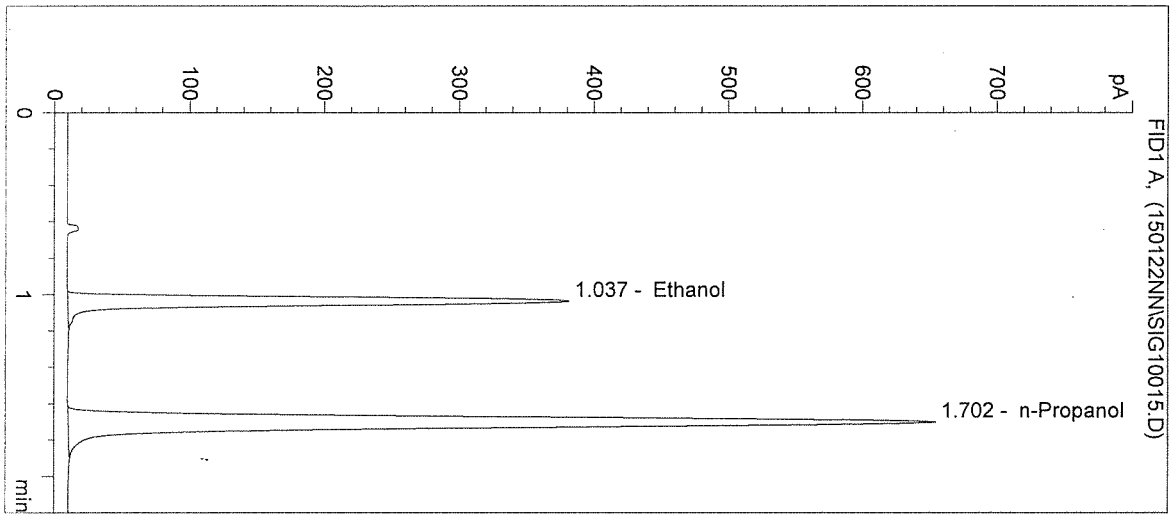


n-Propanol 0.012 g/100mL

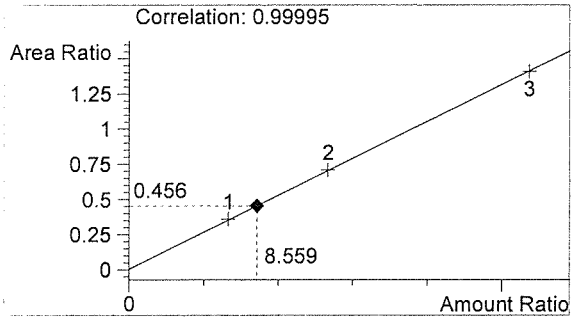
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2015 1:00:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

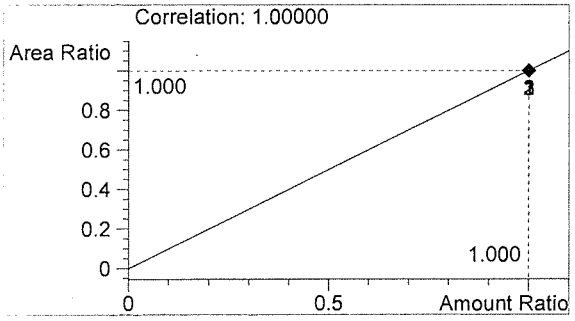
Sample Name: 0.10 CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1156	1.037
2	n-Propanol	2536	1.702



Ethanol 0.103 g/100mL

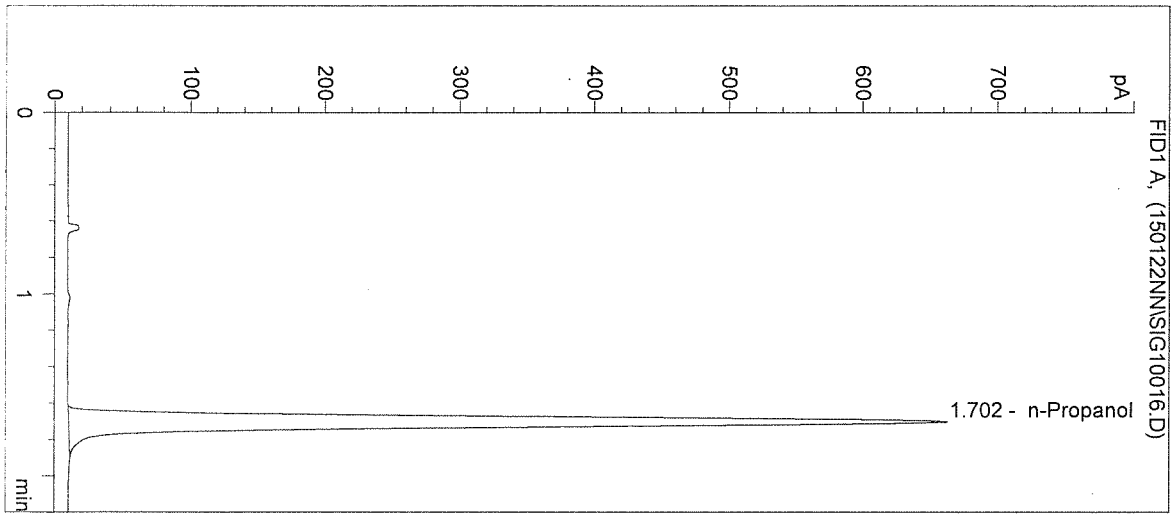


n-Propanol 0.012 g/100mL

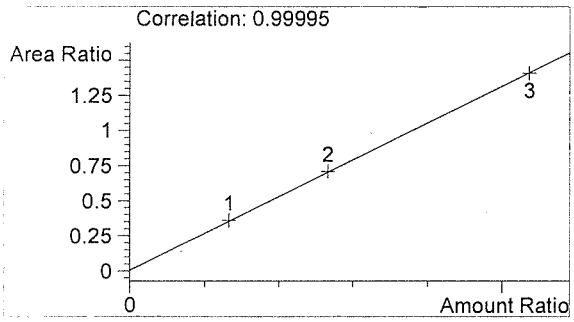
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/22/2015 1:03:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

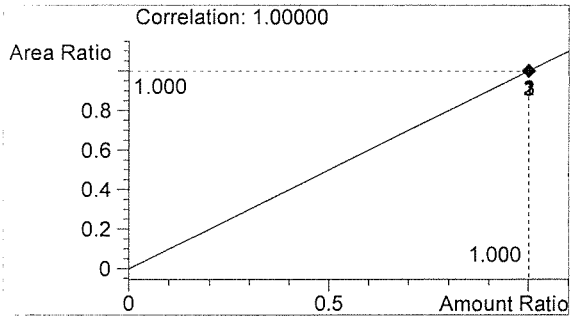
Sample Name: NEG CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2566	1.702



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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

Sequence Parameters:

Operator:	BRITTANY THOMAS
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:	150126BT
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1 (0.079g/100mL) Lot#E0814-01 Exp 2/19/15
Cal 2 (0.158g/100mL) Lot#E0814-02 Exp 2/19/15
Cal 3 (0.316g/100mL) Lot#E0814-03 Exp 2/19/15
0.04 g/100mL Control 1 - Lot #FN05011301 EXP 05/2018
0.10 g/100mL Control 2 - Lot #FN08051301 EXP 10/2018
0.20 g/100mL Control 3 - Lot #FN03211401 EXP 06/2019
n-propanol ISTD Lot#P1114 EXP 2/20/2015

Calibration data located in batch folder 15002

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	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL BB	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL BB	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL BB	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL BB	SIMALC1	1	Ctrl Samp		
10	Vial 10	15002-1	SIMALC1	1	Sample		
11	Vial 11	15002-2	SIMALC1	1	Sample		
12	Vial 12	15002-3	SIMALC1	1	Sample		
13	Vial 13	15002-4	SIMALC1	1	Sample		
14	Vial 14	15002-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL BB	SIMALC1	1	Ctrl Samp		
17	Vial 17	15003-1	SIMALC1	1	Sample		
18	Vial 18	15003-2	SIMALC1	1	Sample		
19	Vial 19	15003-3	SIMALC1	1	Sample		
20	Vial 20	15003-4	SIMALC1	1	Sample		
21	Vial 21	15003-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL BB	SIMALC1	1	Ctrl Samp		

15002
Jn 2/4/15

Calibration Part:

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

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

Sequence Table (Back Injector):

No entries - empty table!

15002

BT 2/4/15

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

Calibration Table

Calib. Data Modified : Monday, January 26, 2015 1:36:26 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	7.95500e-2	876.02557	9.08079e-5	1		Ethanol
		2	1.59740e-1	1724.19202	9.26463e-5			
		3	3.21980e-1	3474.55640	9.26679e-5			
1.701	1	1	1.20000e-2	2442.41675	4.91317e-6	I1		n-Propanol
		2	1.20000e-2	2454.70264	4.88858e-6			
		3	1.20000e-2	2463.65234	4.87082e-6			

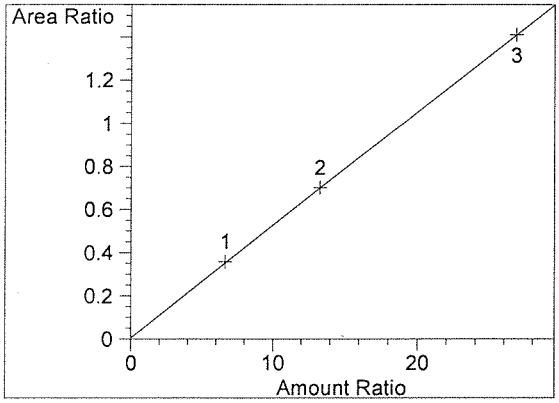
15002
2/4/15

Peak Sum Table

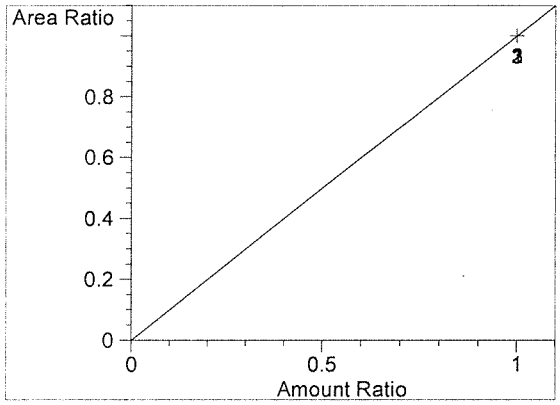
No Entries in table

BT

Calibration Curves



Ethanol at exp. RT: 1.036
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00568
Formula: y = mx + b
m: 5.24418e-2
b: 4.64232e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.701
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

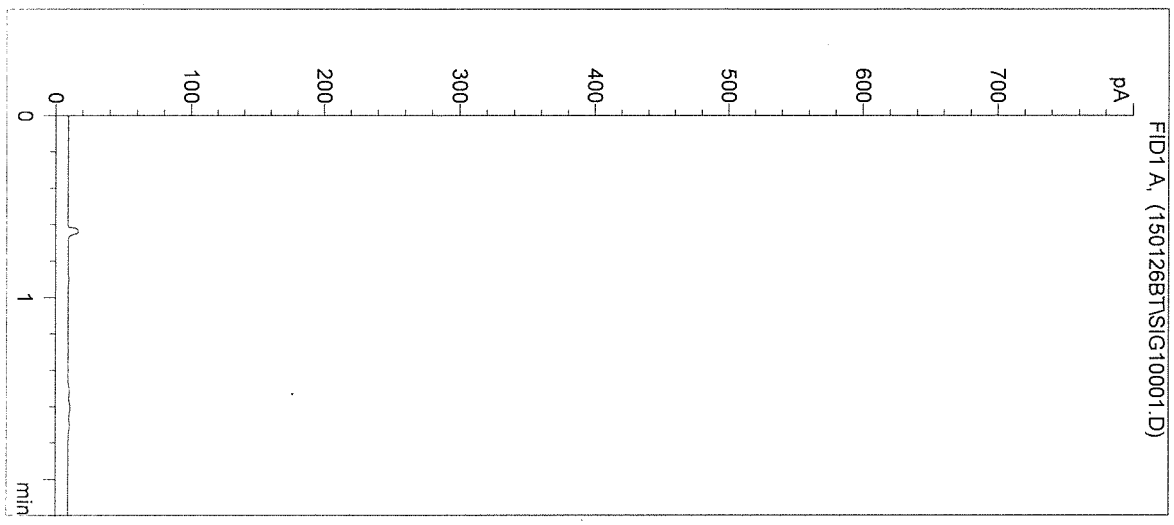
15002
Jn2/4/15

BT

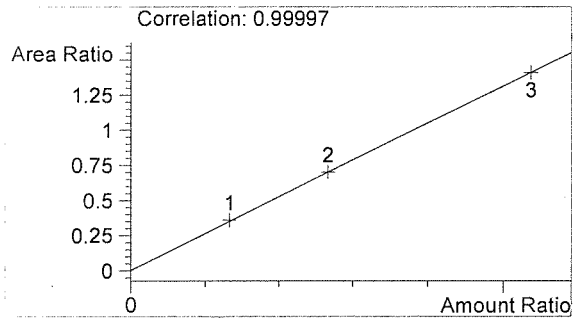
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/26/2015 1:24:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

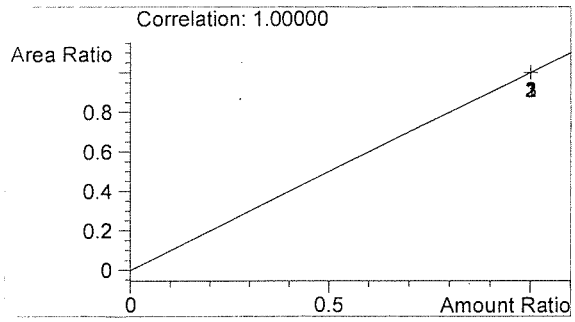
Sample Name: BLANK
Operator: BRITTANY THOMAS
Location: Vial 1



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



Ethanol 0.000 g/100mL



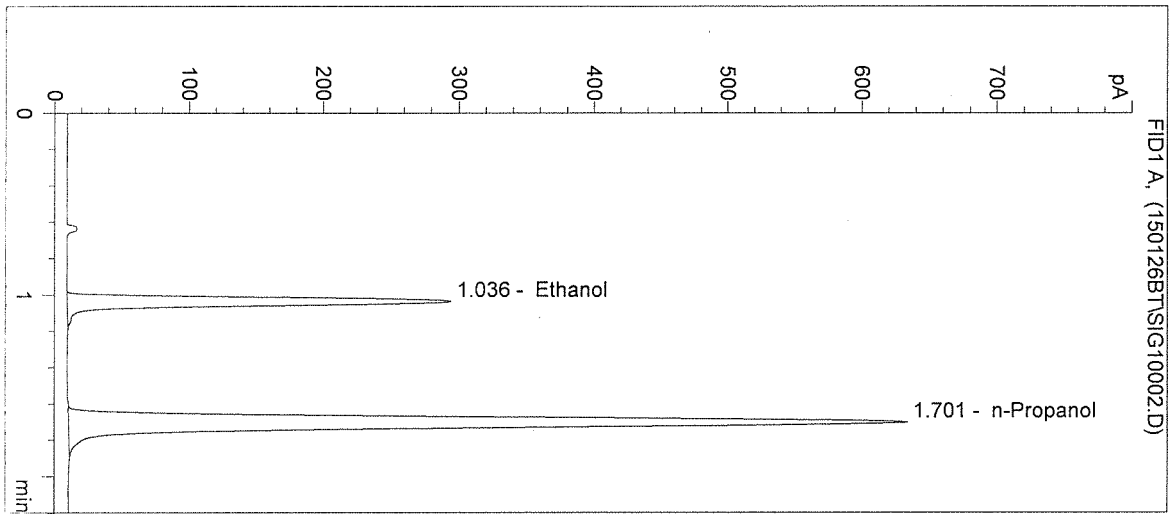
n-Propanol 0.000 g/100mL

BT

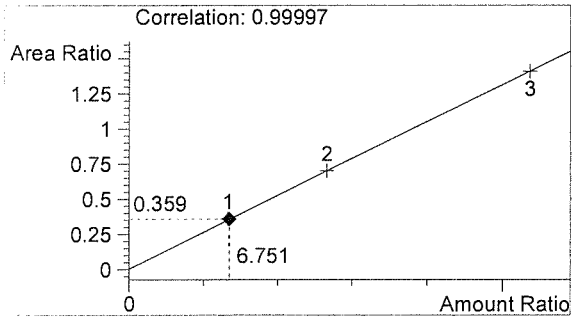
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/26/2015 1:27:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

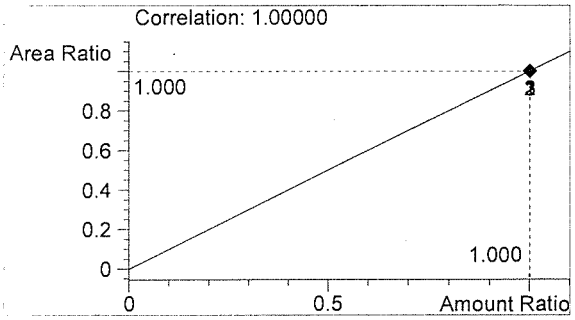
Sample Name: 0.079 CAL
Operator: BRITTANY THOMAS
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	876	1.036
2	n-Propanol	2442	1.701



Ethanol 0.081 g/100mL



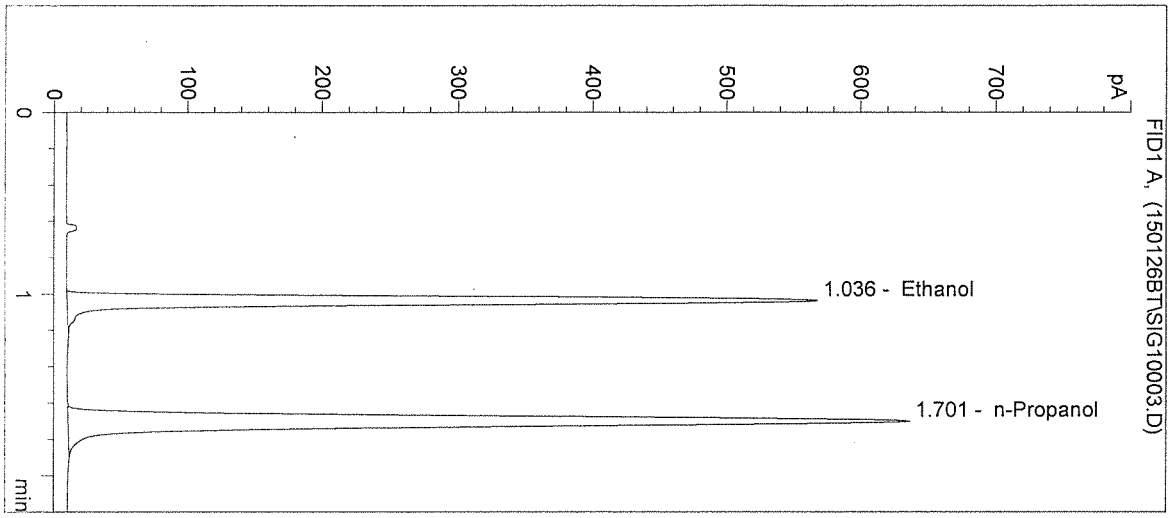
n-Propanol 0.012 g/100mL

BT

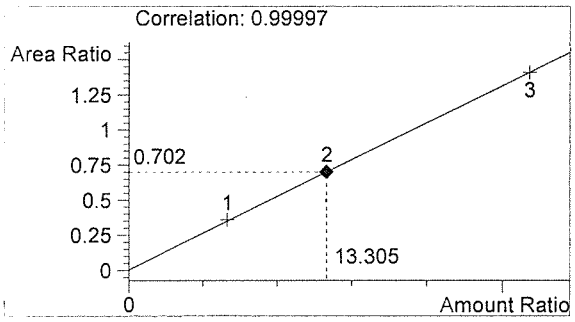
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/26/2015 1:30:56 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

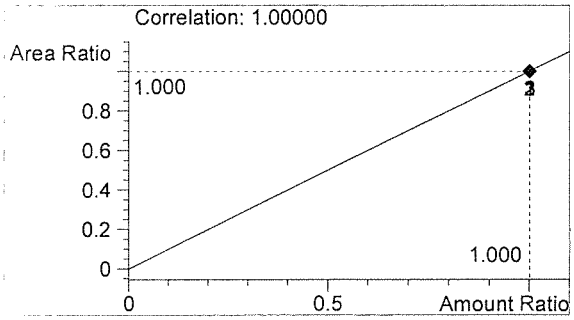
Sample Name: 0.158 CAL
Operator: BRITTANY THOMAS
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1724	1.036
2	n-Propanol	2455	1.701



Ethanol 0.160 g/100mL



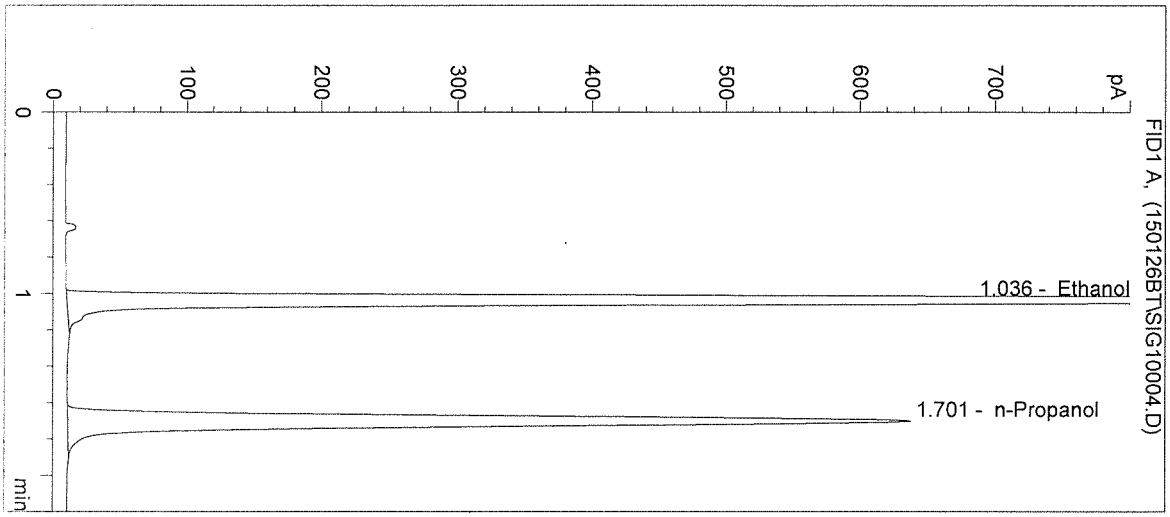
n-Propanol 0.012 g/100mL

BT

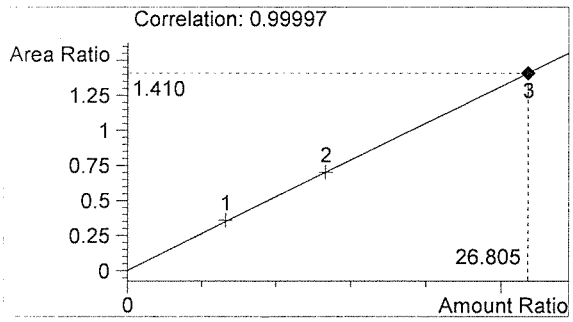
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/26/2015 1:34:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

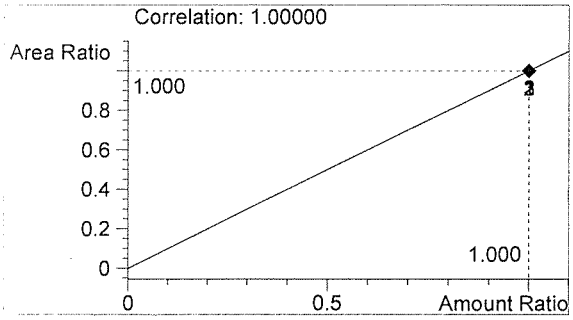
Sample Name: 0.316 CAL
Operator: BRITTANY THOMAS
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3475	1.036
2	n-Propanol	2464	1.701



Ethanol 0.322 g/100mL



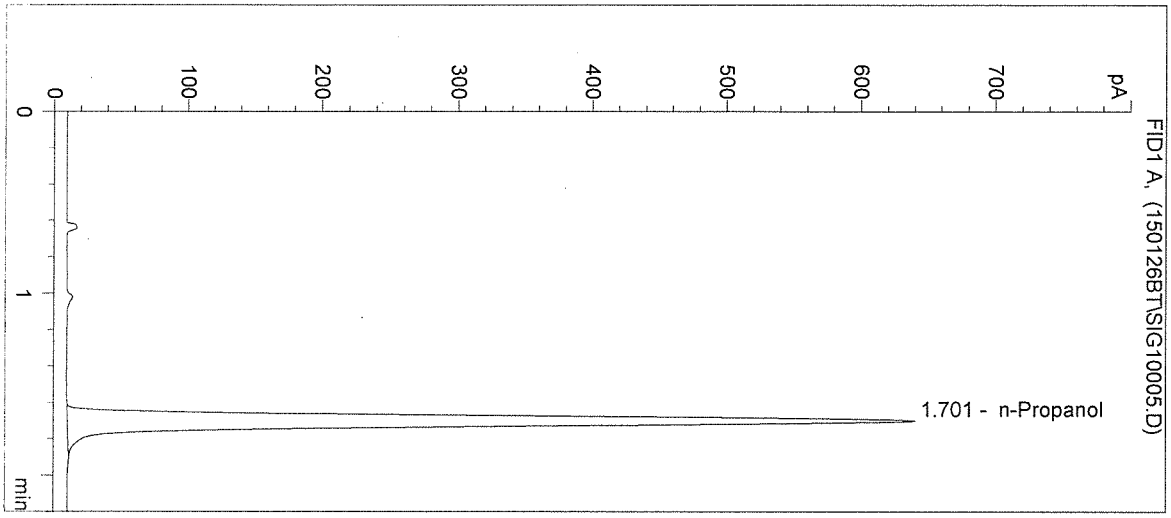
n-Propanol 0.012 g/100mL

BT

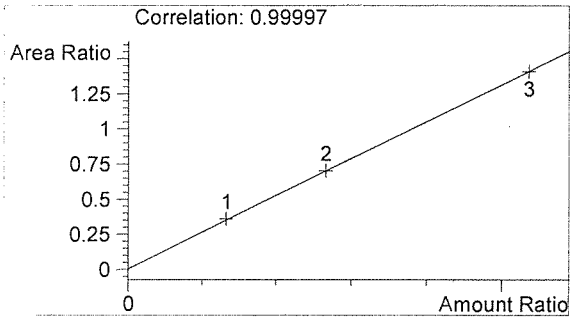
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/26/2015 1:37:26 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

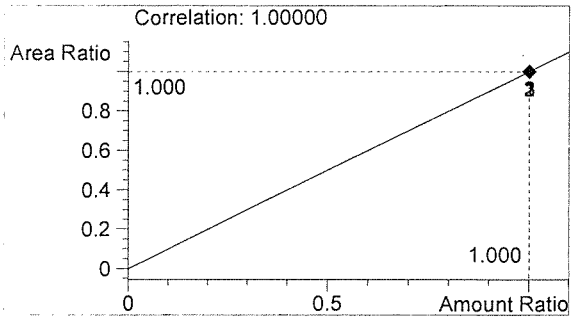
Sample Name: NEG CTRL BB
Operator: BRITTANY THOMAS
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2472	1.701



Ethanol 0.000 g/100mL



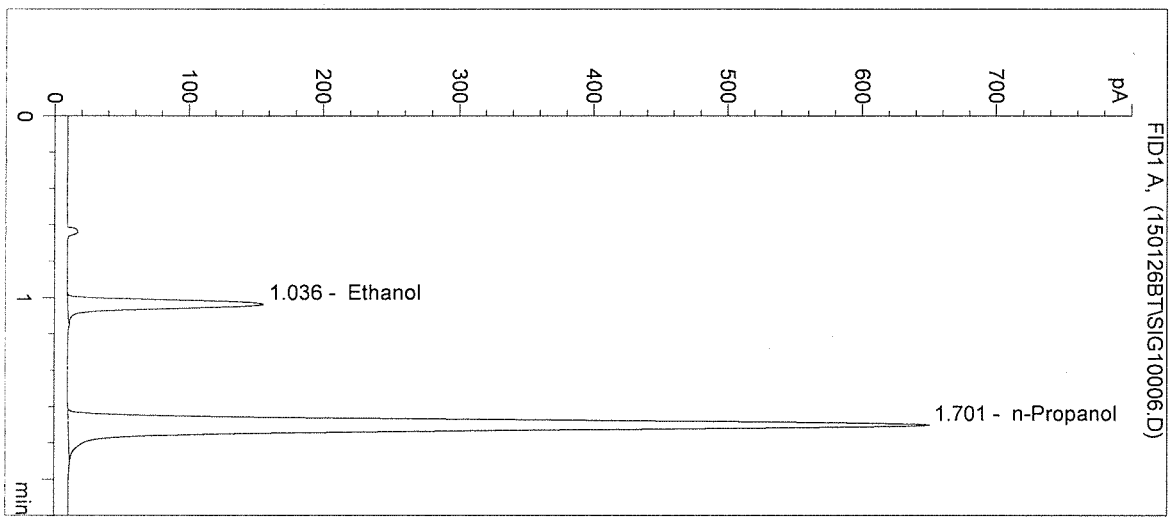
n-Propanol 0.012 g/100mL

BT

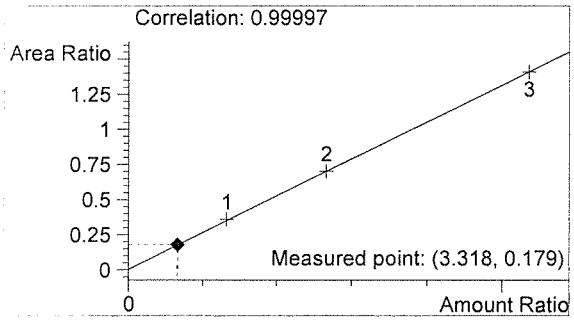
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/26/2015 1:40:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

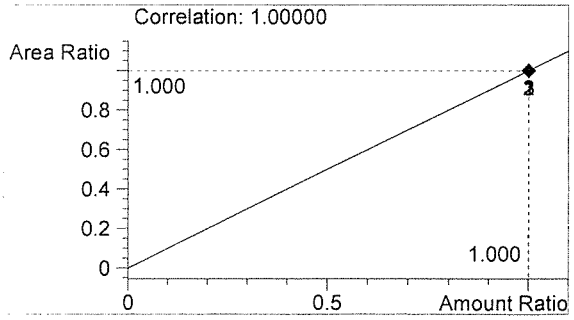
Sample Name: 0.04 CTRL BB
Operator: BRITTANY THOMAS
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	449	1.036
2	n-Propanol	2511	1.701



Ethanol 0.040 g/100mL



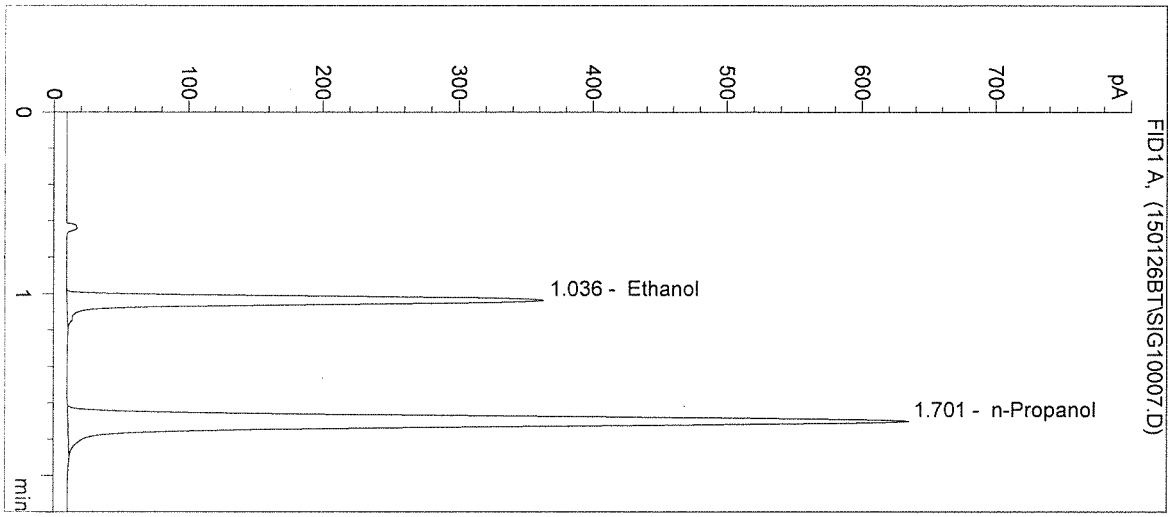
n-Propanol 0.012 g/100mL

BT

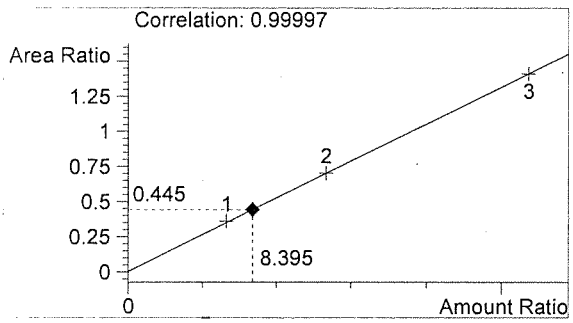
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/26/2015 1:43:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

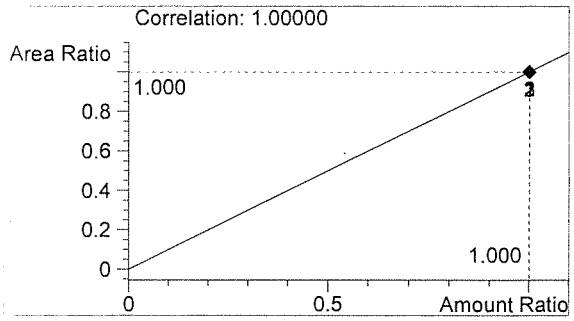
Sample Name: 0.10 CTRL BB
Operator: BRITTANY THOMAS
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1093	1.036
2	n-Propanol	2457	1.701



Ethanol 0.101 g/100mL

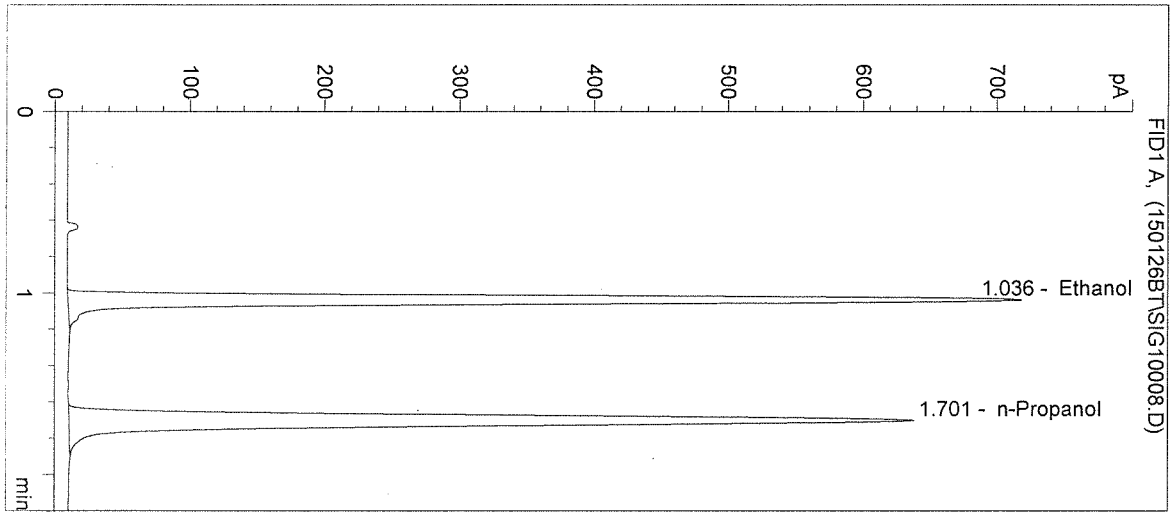


n-Propanol 0.012 g/100mL

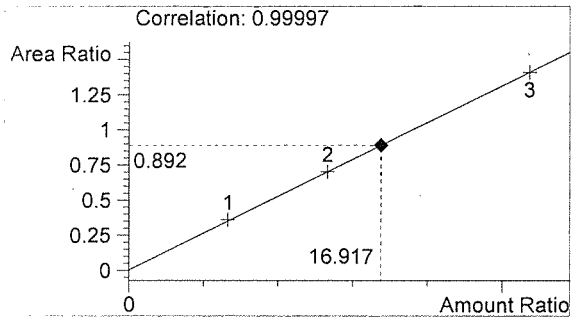
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/26/2015 1:47:06 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

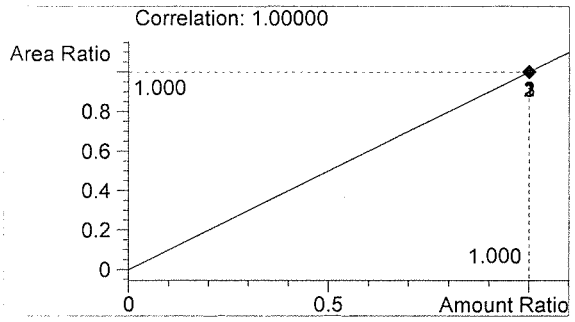
Sample Name: 0.20 CTRL BB
Operator: BRITTANY THOMAS
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2197	1.036
2	n-Propanol	2464	1.701



Ethanol 0.203 g/100mL

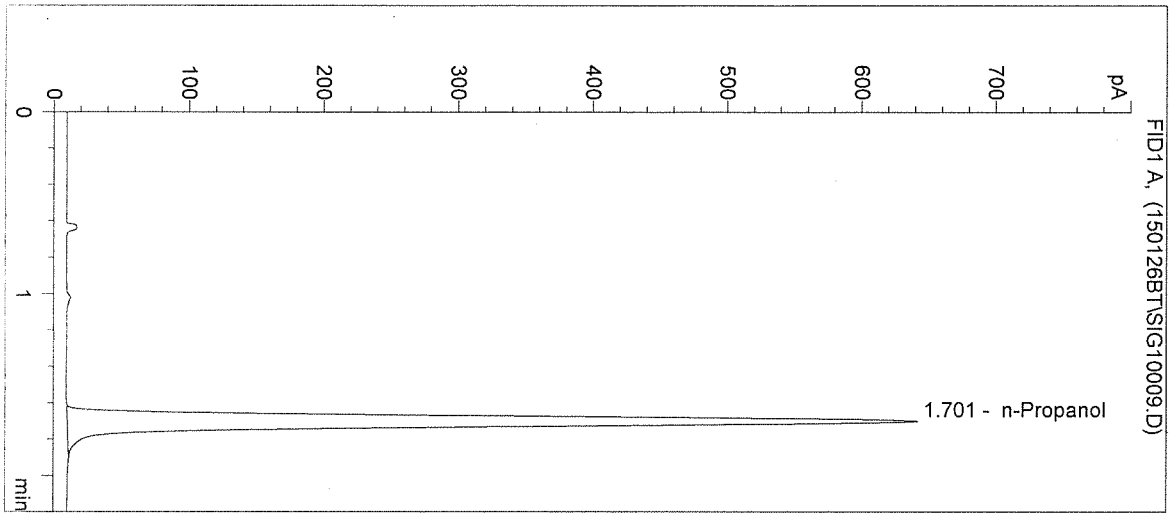


n-Propanol 0.012 g/100mL

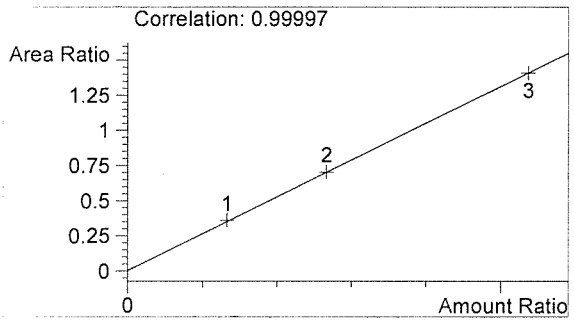
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/26/2015 1:50:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

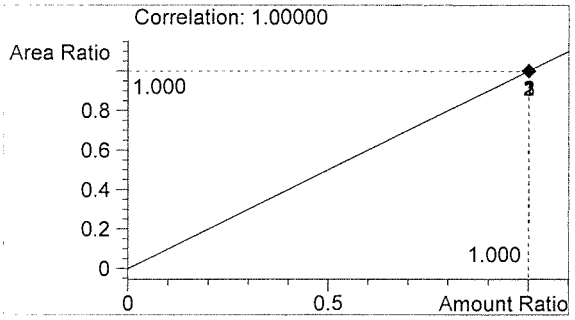
Sample Name: NEG CTRL BB
Operator: BRITTANY THOMAS
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2484	1.701



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

BT

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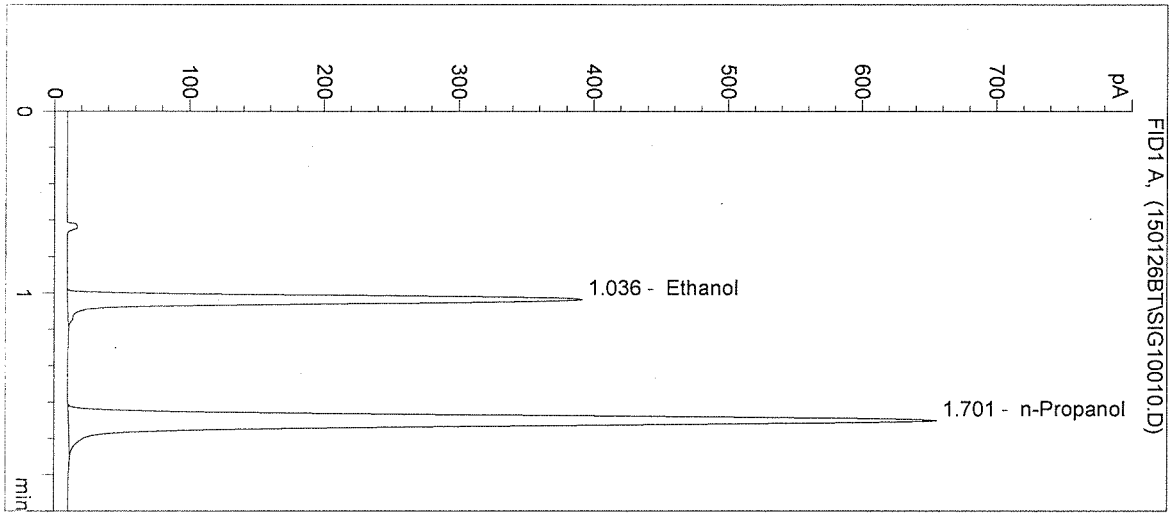
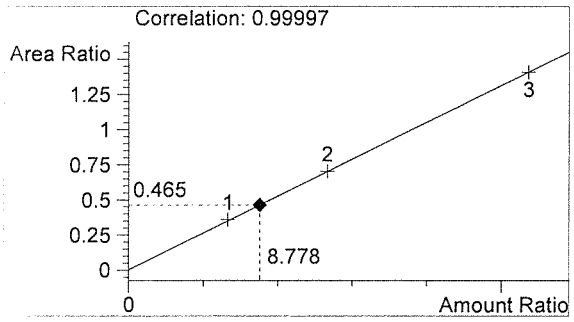
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/26/2015 1:53:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

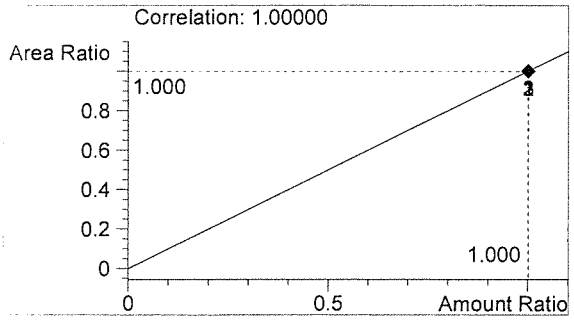
Sample Name: 15002-1
Operator: BRITTANY THOMAS
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1176	1.036
2	n-Propanol	2529	1.701



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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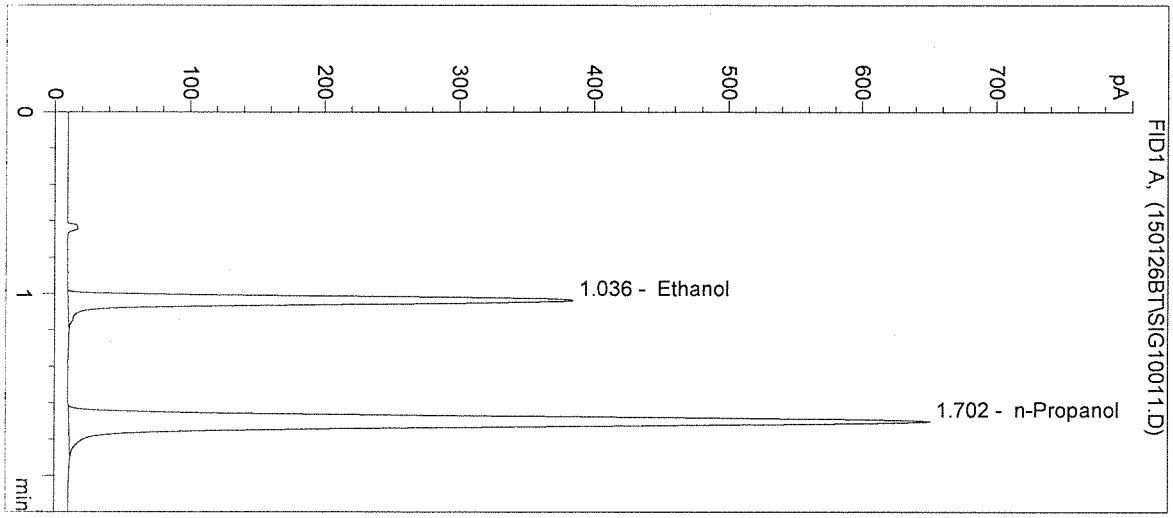
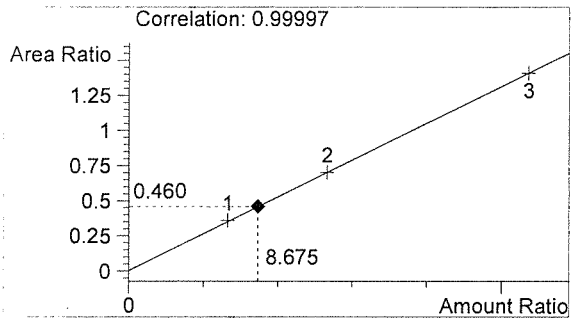
Inj. Date: 1/26/2015 1:56:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

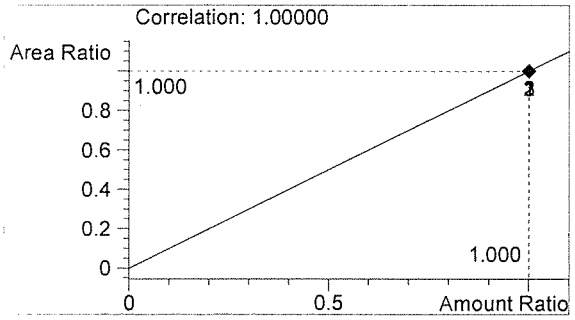
Sample Name: 15002-2
Operator: BRITTANY THOMAS
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1151	1.036
2	n-Propanol	2504	1.702



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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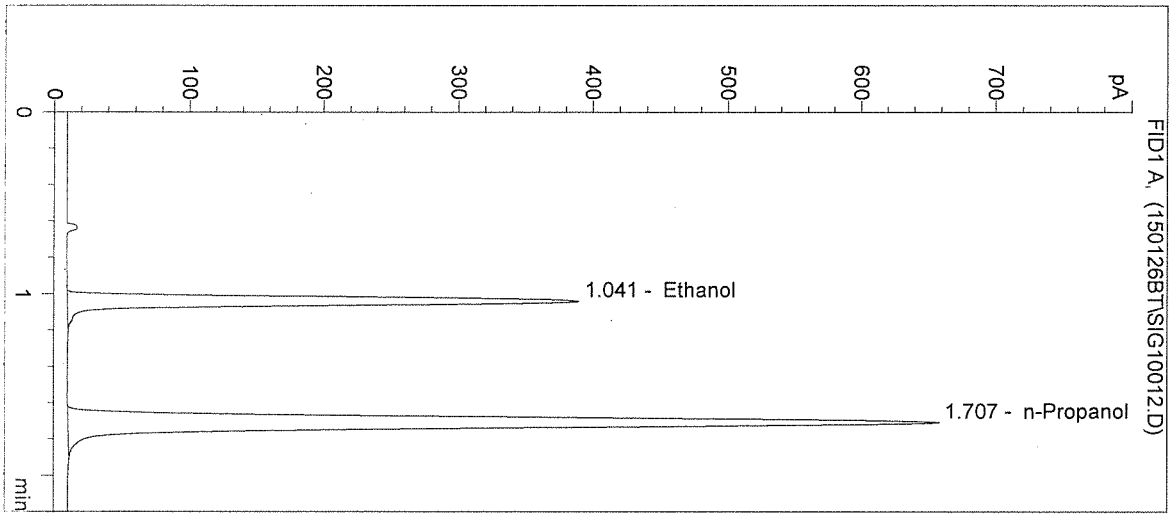
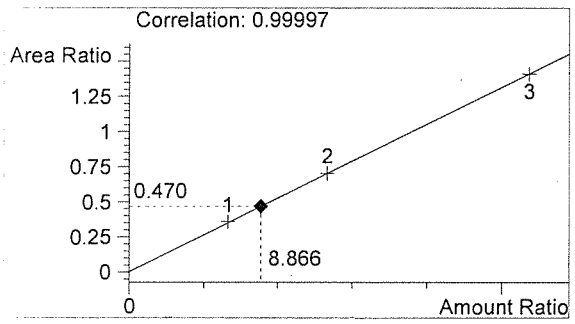
Inj. Date: 1/26/2015 1:59:59 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

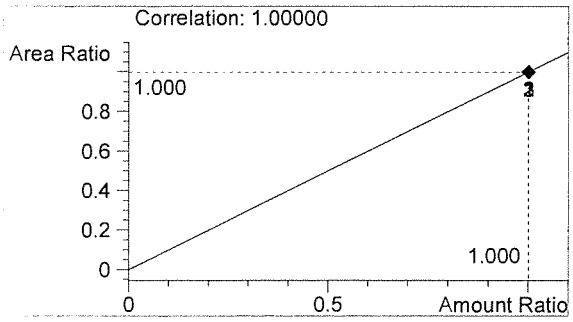
Sample Name: 15002-3
Operator: BRITTANY THOMAS
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1202	1.041
2	n-Propanol	2559	1.707



Ethanol 0.106 g/100mL



n-Propanol 0.012 g/100mL

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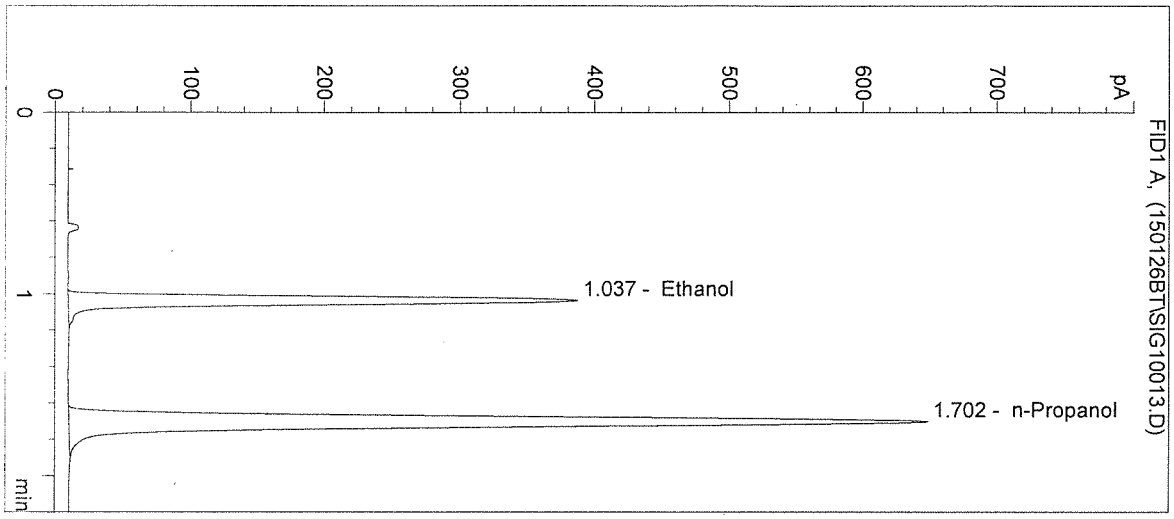
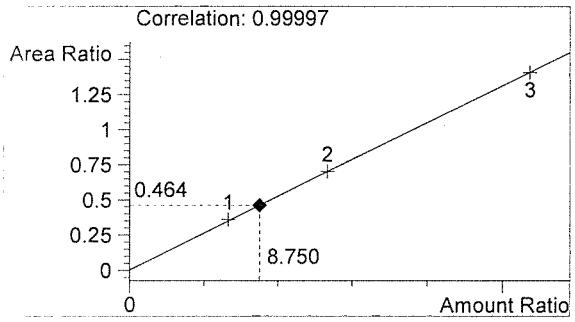
Inj. Date: 1/26/2015 2:03:12 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

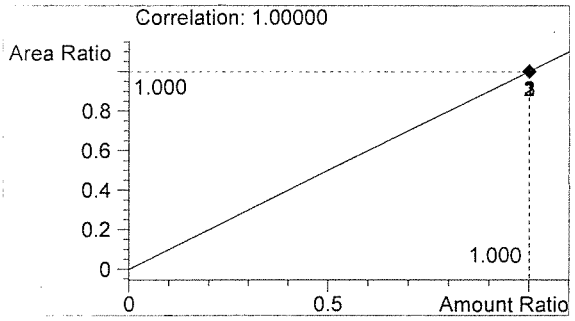
Sample Name: 15002-4
Operator: BRITTANY THOMAS
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1156	1.037
2	n-Propanol	2495	1.702



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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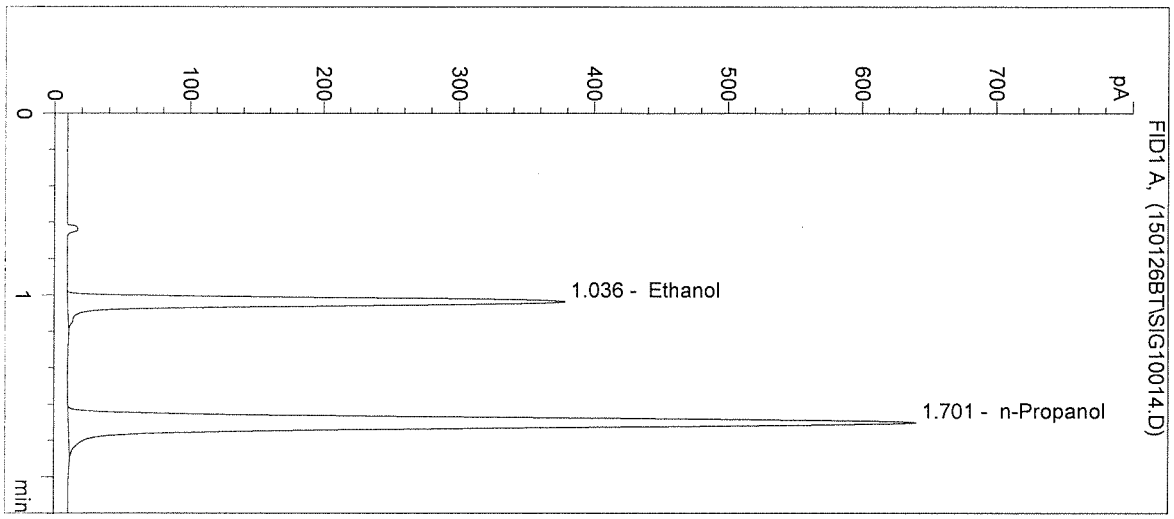
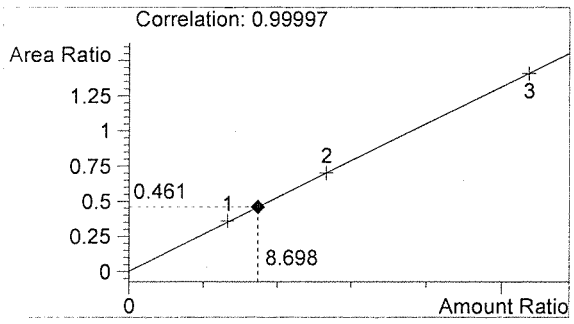
Inj. Date: 1/26/2015 2:06:25 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

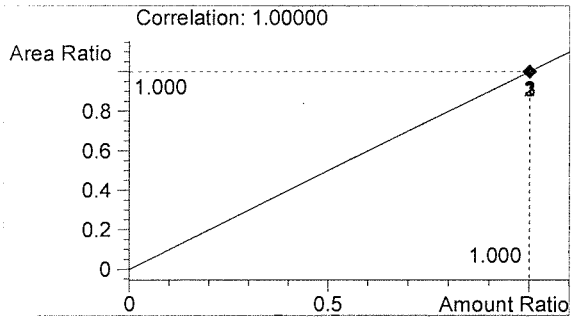
Sample Name: 15002-5
Operator: BRITTANY THOMAS
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1134	1.036
2	n-Propanol	2461	1.701



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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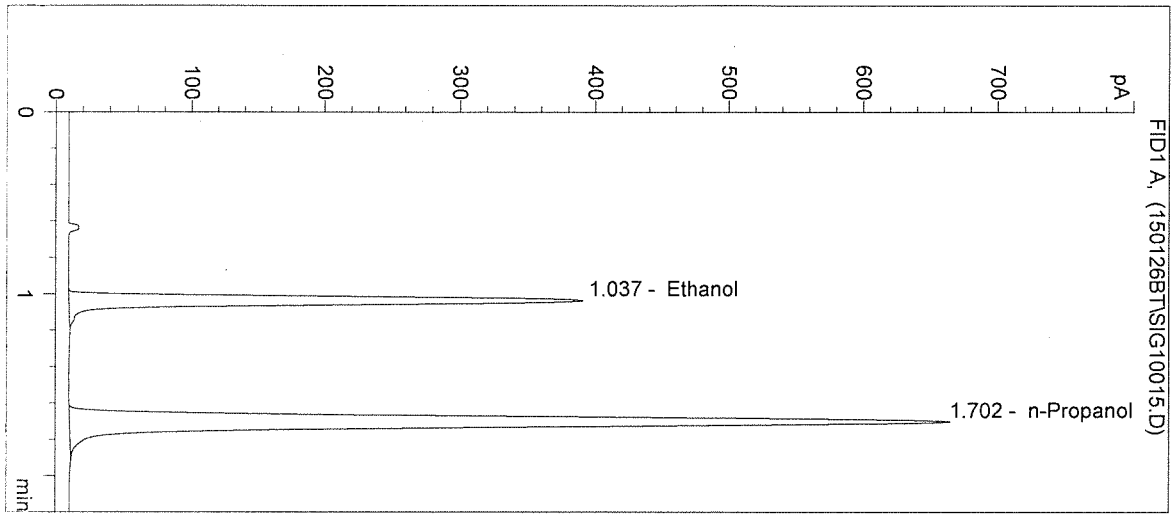
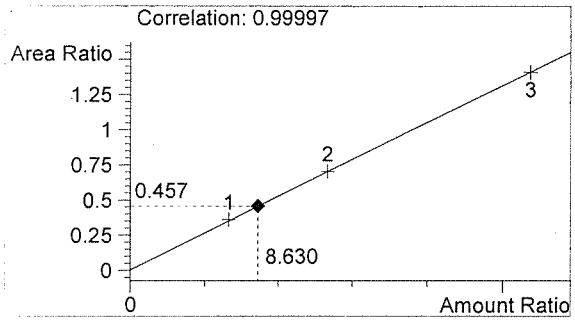
Inj. Date: 1/26/2015 2:09:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

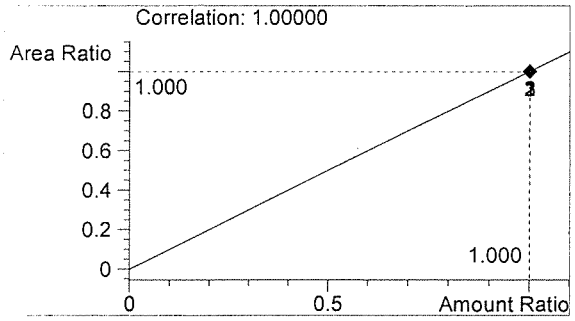
Sample Name: 0.10 CTRL BB
Operator: BRITTANY THOMAS
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1174	1.037
2	n-Propanol	2569	1.702



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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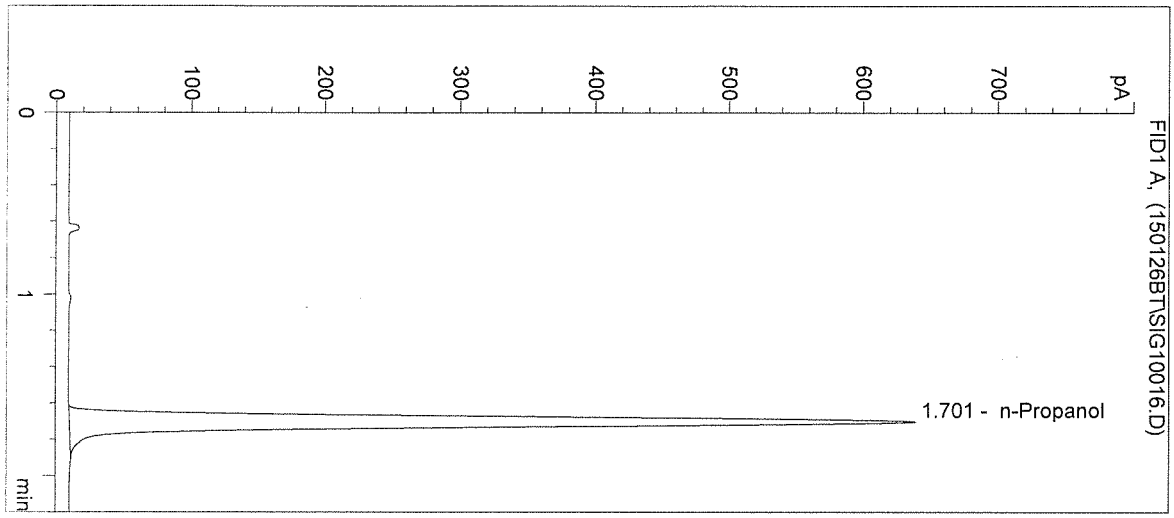
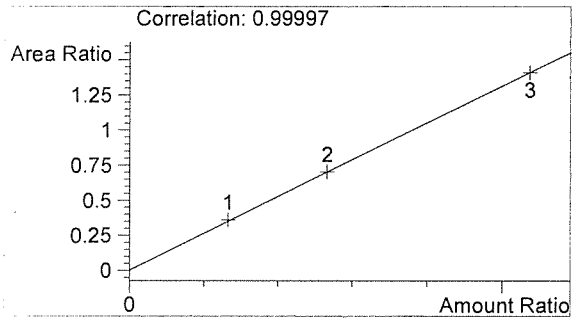
Inj. Date: 1/26/2015 2:12:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15002

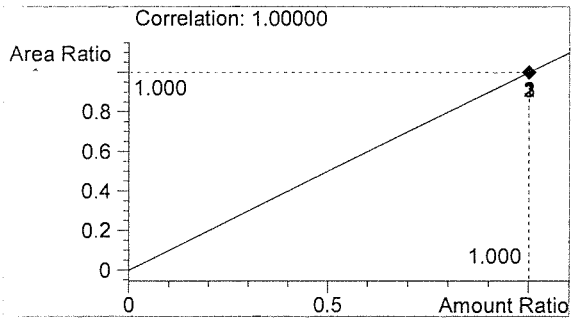
Sample Name: NEG CTRL BB
Operator: BRITTANY THOMAS
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2465	1.701



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL