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

QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 15021

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

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

TESTING ITEM INFORMATION
TARGET VAPOR CONCENTRATION: 0.20 g/210L
DATE PREPARED: 02/24/2015
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: David Nguyen

	DN	AC	BT
1	0.253	0.255	0.256
2	0.253	0.249	0.249
3	0.256	0.254	0.250
4	0.252	0.249	0.252
5	0.254	0.252	0.250
C	0.102	0.101	0.103

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.2523 g/100mL
STANDARD DEVIATION: 0.00246
PRECISION CV (%): 0.98
NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.2051 g/210L**
EXPANDED UNCERTAINTY: ± 0.0050 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Lisa Noble Forensic Scientist Supervisor

3/19/15
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
DN	David Nguyen		02/24/2015
AC	Amanda Chandler		02/25/2015
BT	Brittany Thomas		02/27/2015

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

QAP Solution Batch #: 15021 **Date Prepared:** 2/24/2015

	Analyst:	Date Tested:	Instrument:
	DN	AC	BT
	2/24/2015	2/25/2015	2/27/2015
	HSGC #3	HSGC #3	HSGC #3
1	0.253	0.255	0.256
2	0.253	0.249	0.249
3	0.256	0.254	0.250
4	0.252	0.249	0.252
5	0.254	0.252	0.250
C	0.102	0.101	0.103

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000063553	0.0000320390	0.0001016326

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

Average Solution Concentration: 0.2523 g/100mL
Standard Deviation: 0.00246 g/100mL
Precision CV (%): 0.98
Equivalent Vapor Concentration: 0.2051 g/210L
Combined Standard Uncertainty (±): 0.0025 g/210L
Expanded Uncertainty (±): 0.0050 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble (Name) lisa noble (Signature) 3/9/15 (Date)

Calculations verified by: Amanda M. Black (Name) (Signature) 3-18-15 (Date)

Method: Hand calculation

Tech. review performed by: Lisa Noble (Name) lisa noble (Signature) 3/9/15 (Date)

Washington State Patrol Toxicology Laboratory Division

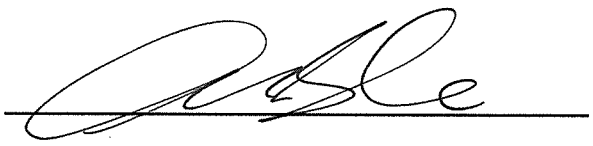
SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 3-18-15

Location: WSP-FLSB Seattle, WA Solution Batch Number: 15021

	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:  Date: 3-18-15

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

Please check that the data on your chromatograms is the data entered into the Test Report, that the date to the right of your name is the date that you tested the solution, and then sign the Test Report.

Please initial and date below to affirm that you have:

1) Checked your data
2) Checked the date to the right of your name on the Test Report
3) Signed the Test Report

	Initials	Date
Amanda Chandler	AC	3/10/15
Andrew Gingras		
Asa Louis		
Brittany Thomas	BT	3/12/15
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen	DN	3/9/15
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy		
Katie Harris		
Lyndsey Lowe		
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 15021 DN 3/9/15

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

0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 15021

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 quality assurance procedure (QAP) solution, Lot Number 15021, was prepared in the Washington State Toxicology Laboratory on 2/24/2015. 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 to perform a quality assurance procedure after 2/24/2016.

Seattle, WA

3/9/15

David Nguyen — Date

Forensic Scientist

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

0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 15021

I, Amanda Chandler, 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: MS degree in Forensic Toxicology.

The quality assurance procedure (QAP) solution, Lot Number 15021, was prepared in the Washington State Toxicology Laboratory on 2/24/2015. 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 to perform a quality assurance procedure after 2/24/2016.

Seattle, WA

Amanda Chandler 3/10/15

Amanda Chandler Date
Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
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0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 15021

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 quality assurance procedure (QAP) solution, Lot Number 15021, was prepared in the Washington State Toxicology Laboratory on 2/24/2015. 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 to perform a quality assurance procedure after 2/24/2016.

Seattle, WA

Brittany Thomas 3/12/15

Brittany Thomas 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: 2/24/15 Expiration Date: 2/24/16 Initials of Preparer: DNJ

Lot # of 200-proof Ethanol used in preparation: 2DG0231

Date the 200-proof Ethanol bottle was opened: 2/19/15

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

Environmental conditions verified as acceptable: ☑

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	☐	
QAP 0.08	22.4	18	☐	
QAP 0.10	28.1	18	☐	
QAP 0.15	42.1	18	☐	
QAP 0.20	56.1	18	☑	15021
ESS	66.5	52	☐	

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 2/24/15 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 2/24/15 Date

Sequence: C:\HPCHEM\2\SEQUENCE\DN-QAP2.S

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\2\DATA\
Data Subdirectory:	150224DN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:

CAL 1: 0.079 g/100mL - Lot#: E1214-01 Exp. 06/03/2015
CAL 2: 0.158 g/100mL - Lot#: E1214-02 Exp. 06/03/2015
CAL 3: 0.316 g/100mL - Lot#: E1214-03 Exp. 06/03/2015

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#: P0115 Exp. 04/27/2015

Calibration vials 1-9 are filed with Batch 15021.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	CAL 1 (0.079)	SIMALC3	1	Calib		
3	Vial 3	CAL 2 (0.158)	SIMALC3	1	Calib		
4	Vial 4	CAL 3 (0.316)	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	CTRL 1 (0.04)	SIMALC3	1	Ctrl Samp		
7	Vial 7	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp		
8	Vial 8	CTRL 3 (0.20)	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	15021 #1	SIMALC3	1	Sample		
11	Vial 11	15021 #2	SIMALC3	1	Sample		
12	Vial 12	15021 #3	SIMALC3	1	Sample		
13	Vial 13	15021 #4	SIMALC3	1	Sample		
14	Vial 14	15021 #5	SIMALC3	1	Sample		
15	Vial 15	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	CAL 1 (0.079)	SIMALC3	1	Replace	Replace	

DN

Sequence: C:\HPCHEM\2\SEQUENCE\DN-QAP2.S

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

Sequence Table (Back Injector):

No entries - empty table!

15021
3/9/15

DN

Calibration Table

Calib. Data Modified : Tuesday, February 24, 2015 10:57:25 AM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.020	1	1	7.89800e-2	610.92780	1.29279e-4		1	Ethanol
		2	1.59900e-1	1347.68469	1.18648e-4			
		3	3.22070e-1	2281.00586	1.41196e-4			
1.745	1	1	1.20000e-2	1677.04700	7.15543e-6		I1	n-Propanol
		2	1.20000e-2	1840.62976	6.51951e-6			
		3	1.20000e-2	1583.78296	7.57680e-6			

Peak Sum Table

No Entries in table

15021 fn 3/9/15

DN

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Calibration Curves

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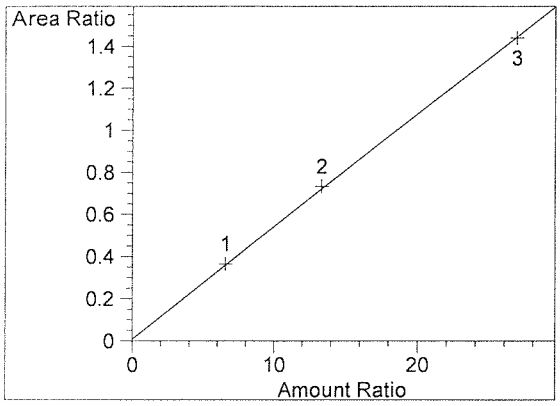
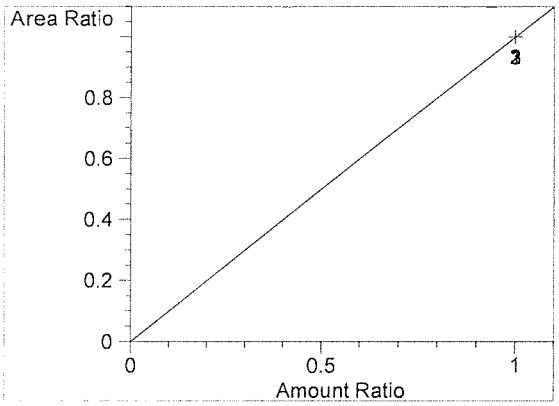


Ethanol at exp. RT: 1.020
FID1 A,
Correlation: 0.99990
Residual Std. Dev.: 0.01039
Formula: y = mx + b
m: 5.35890e-2
b: 7.91017e-3
x: Amount Ratio
y: Area Ratio



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

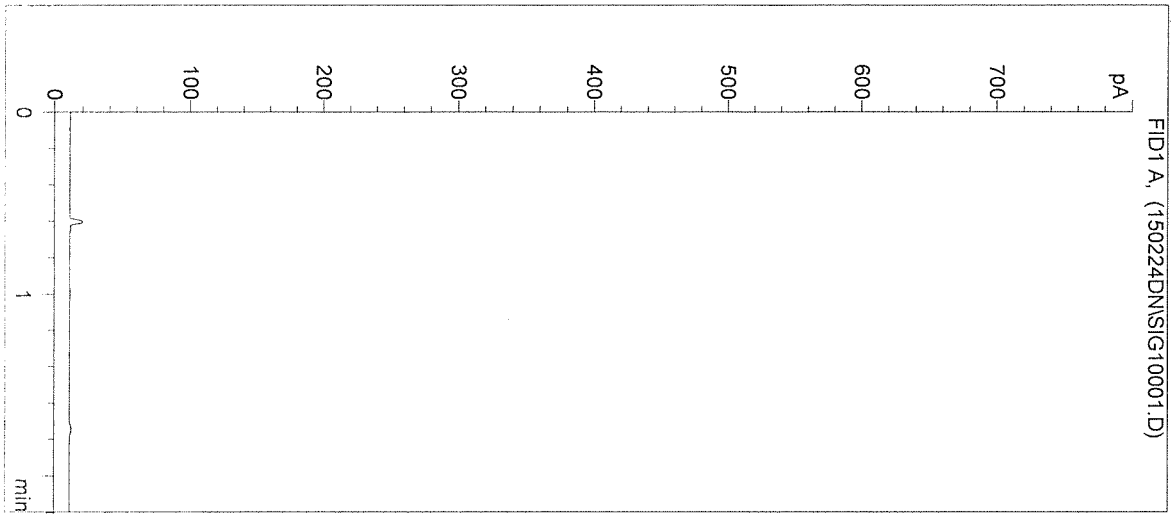
==========

15021
3/9/15

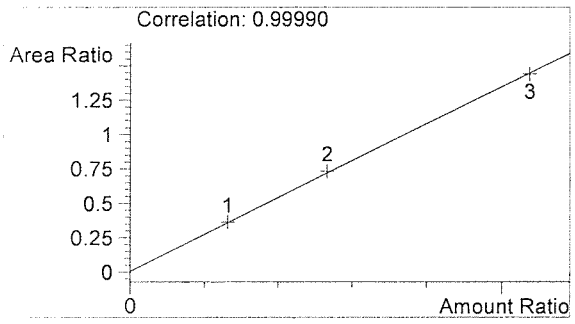
DN

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

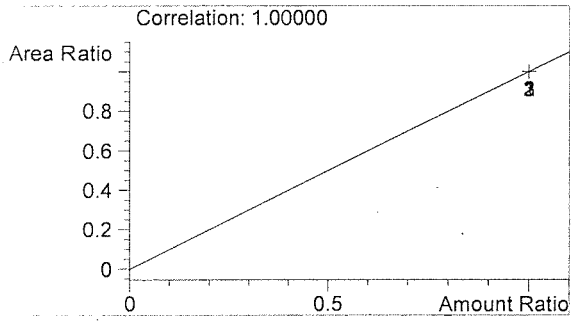
Inj. Date: 2/24/2015 10:45:20 AM Sample Name: BLANK
Instrument: HSGC#3 Operator: David Nguyen
Column: DB-ALC2 Location: Vial 1
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021



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



Ethanol 0.000 g/100mL



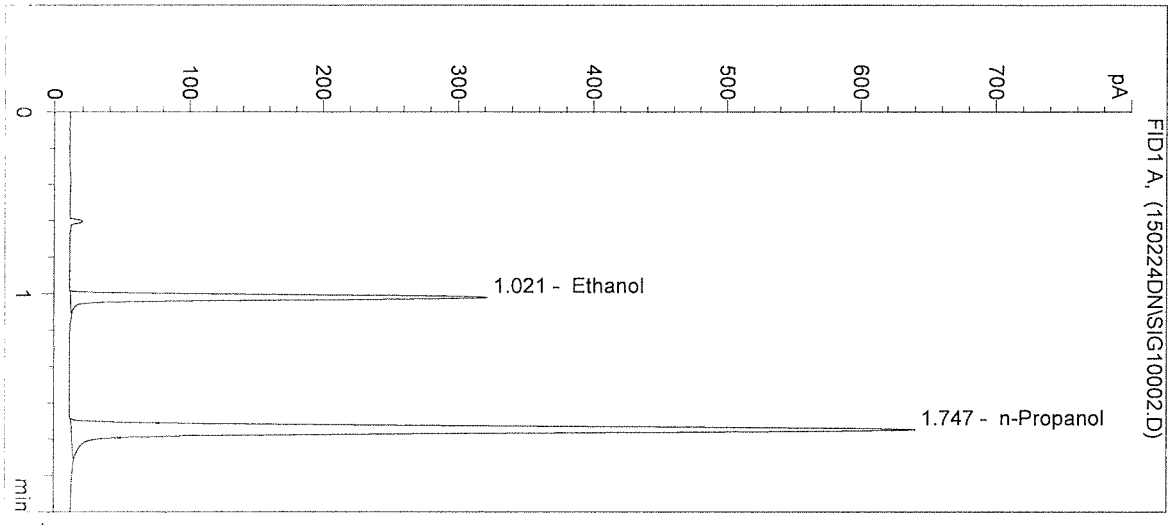
n-Propanol 0.000 g/100mL

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

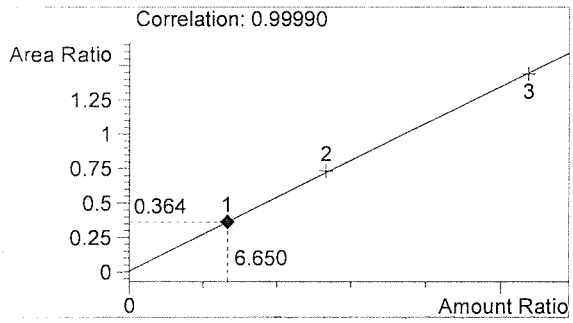
Inj. Date: 2/24/2015 10:48:38 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 1: 0.079 g/100mL
15021

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

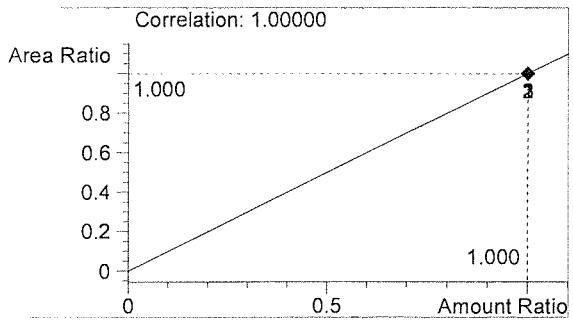
->



#	Compound	Peak Area	RT (min)
1	Ethanol	611	1.021
2	n-Propanol	1677	1.747



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

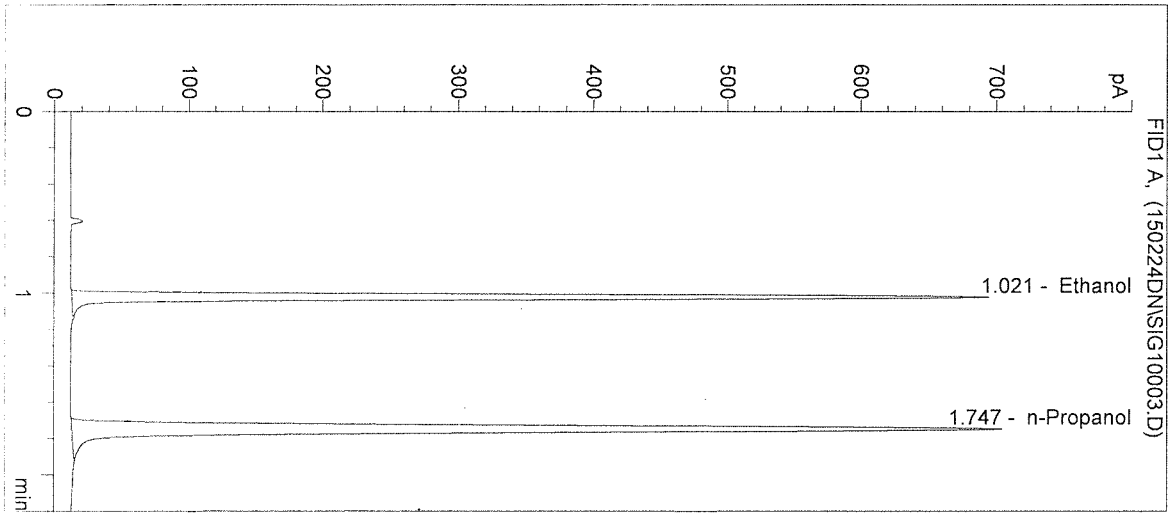
DN

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

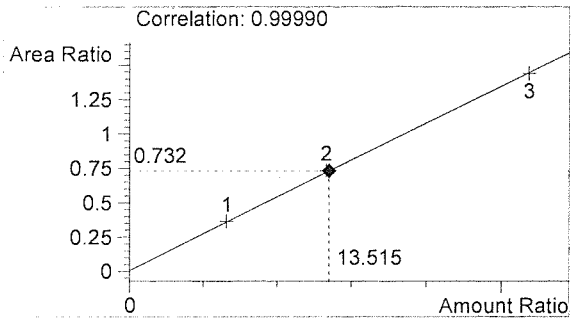
Inj. Date: 2/24/2015 10:51:56 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 2: 0.158 g/100mL
15021

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

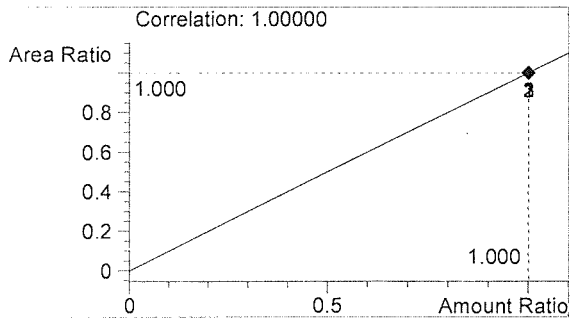
->



#	Compound	Peak Area	RT (min)
1	Ethanol	1348	1.021
2	n-Propanol	1841	1.747



Ethanol 0.162 g/100mL



n-Propanol 0.012 g/100mL

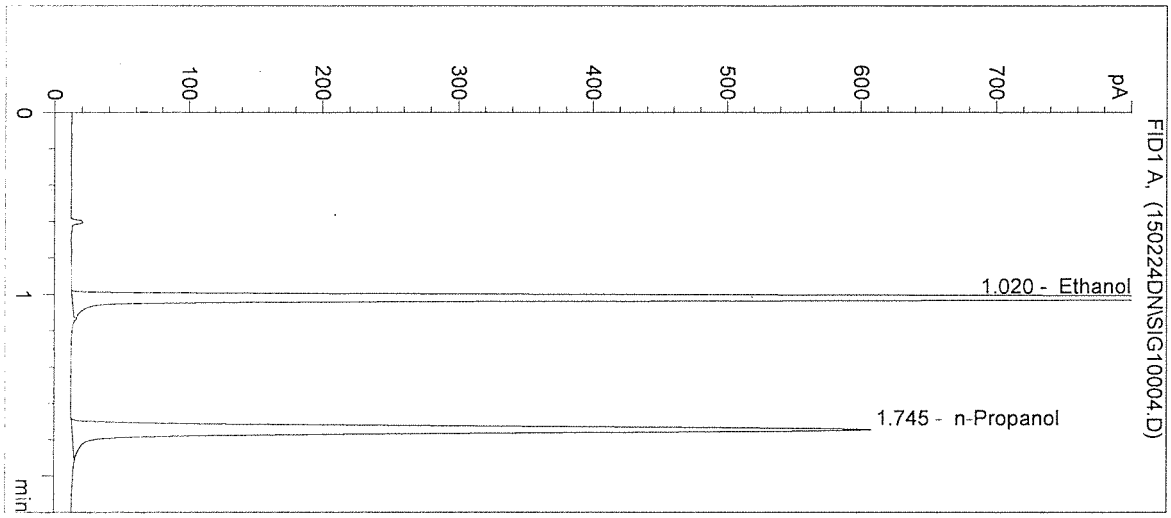
DN

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

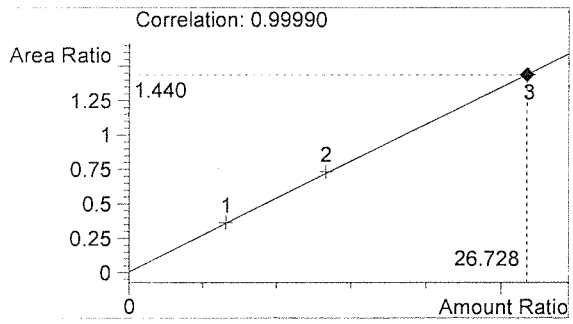
Inj. Date: 2/24/2015 10:55:13 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 3: 0.316 g/100mL
15021

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

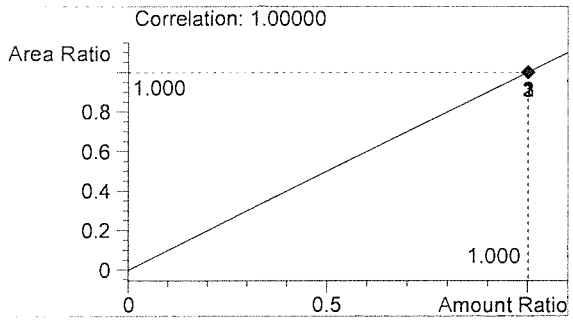
->



#	Compound	Peak Area	RT (min)
1	Ethanol	2281	1.020
2	n-Propanol	1584	1.745



Ethanol 0.321 g/100mL



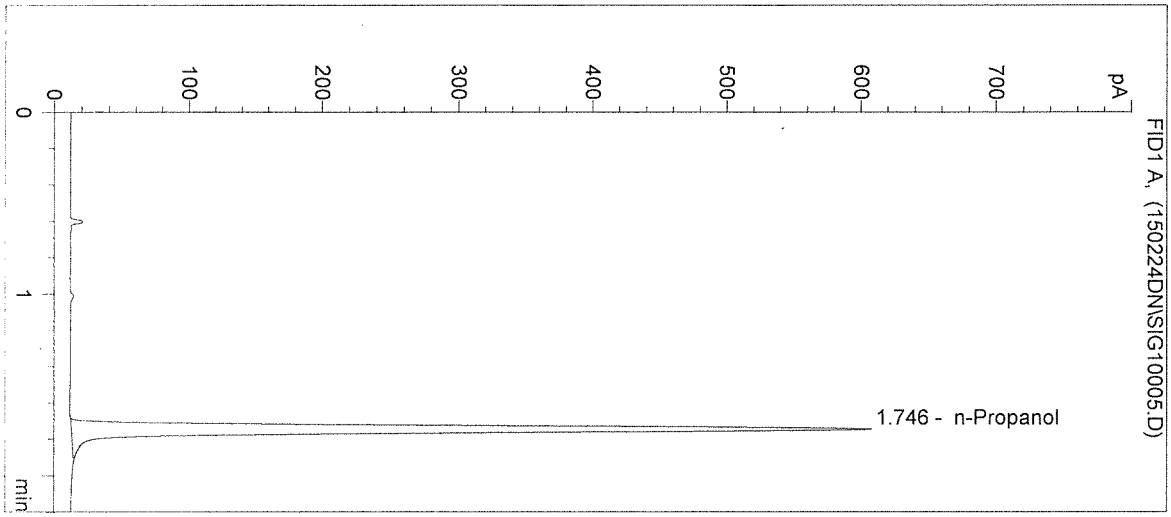
n-Propanol 0.012 g/100mL

DN

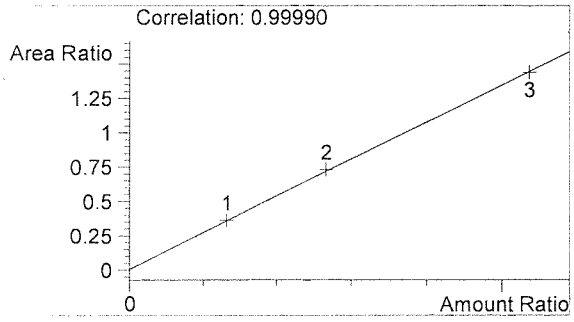
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/24/2015 10:58:26 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021

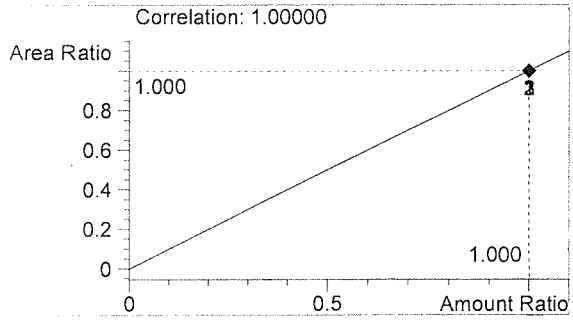
Sample Name: NEG CTRL
Operator: David Nguyen
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1587	1.746



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150224DN\SIG10005.D

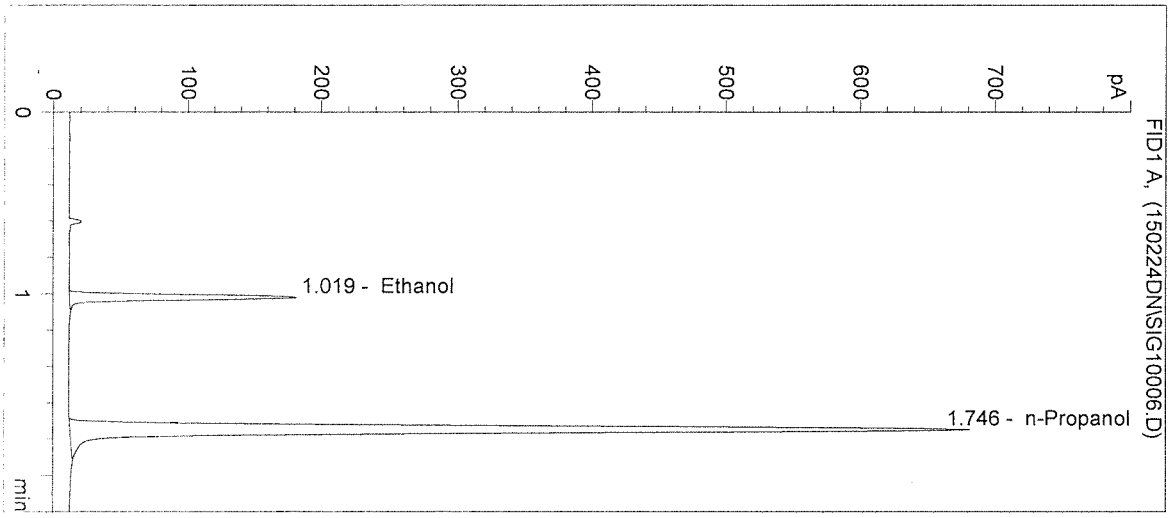
DN

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

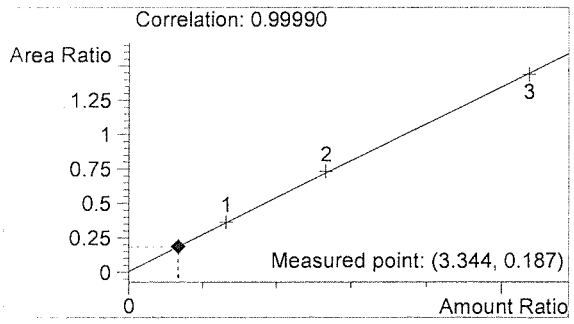
Inj. Date: 2/24/2015 11:01:39 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 1: 0.04 g/100mL
15021

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

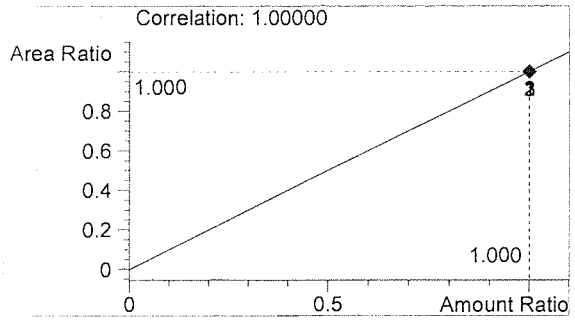
->



#	Compound	Peak Area	RT (min)
1	Ethanol	335	1.019
2	n-Propanol	1789	1.746



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

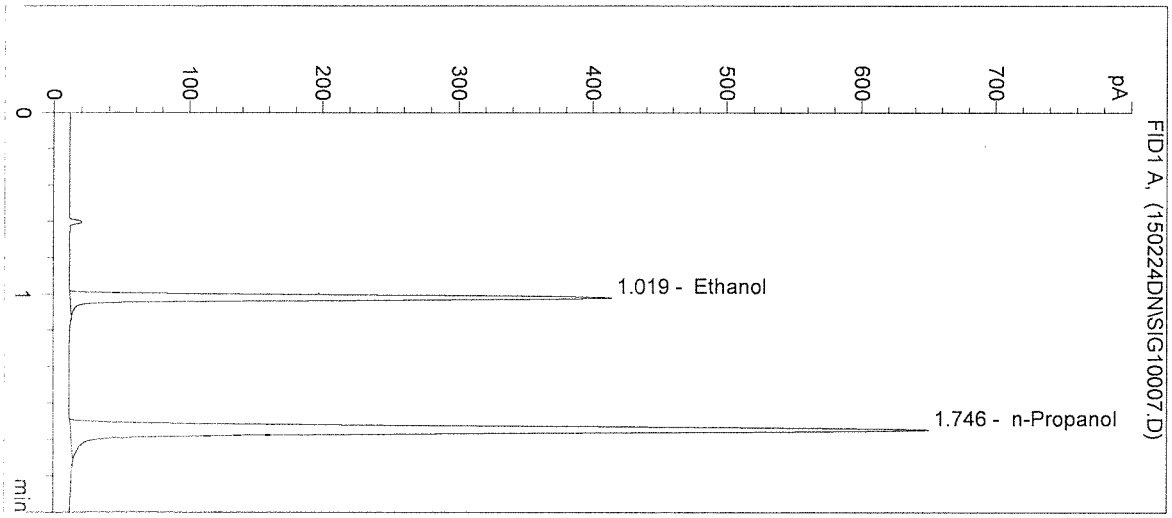
Data File: C:\HPCHEM\2\DATA\150224DN\SIG10006.D

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

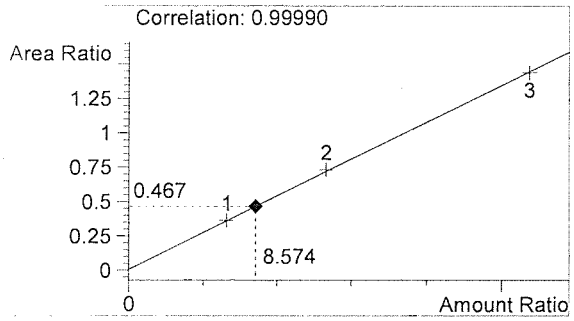
Inj. Date: 2/24/2015 11:04:53 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 2: 0.10 g/100mL
15021

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

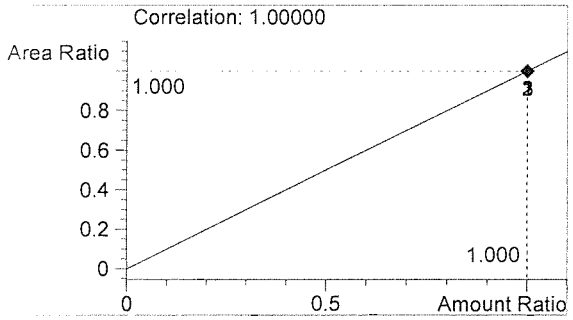
->



#	Compound	Peak Area	RT (min)
1	Ethanol	796	1.019
2	n-Propanol	1704	1.746



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

fr

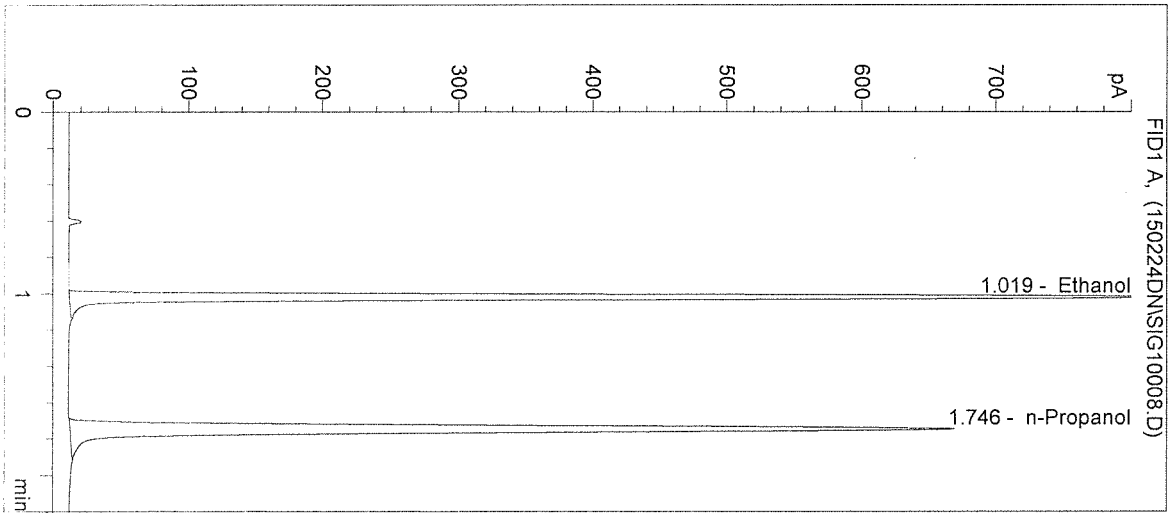
DN

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

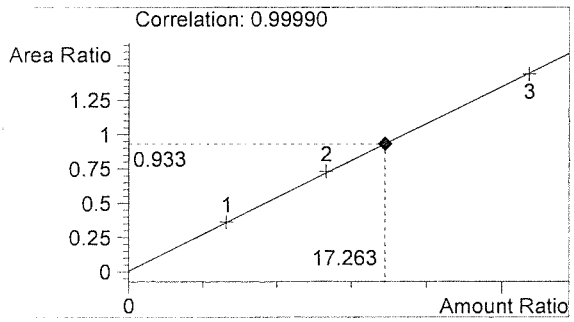
Inj. Date: 2/24/2015 11:08:06 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 3: 0.20 g/100mL
15021

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

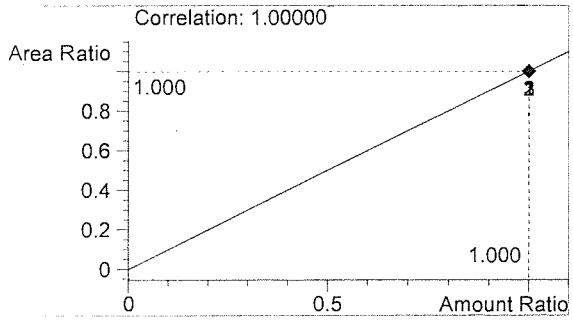
->



#	Compound	Peak Area	RT (min)
1	Ethanol	1635	1.019
2	n-Propanol	1753	1.746



Ethanol 0.207 g/100mL



n-Propanol 0.012 g/100mL

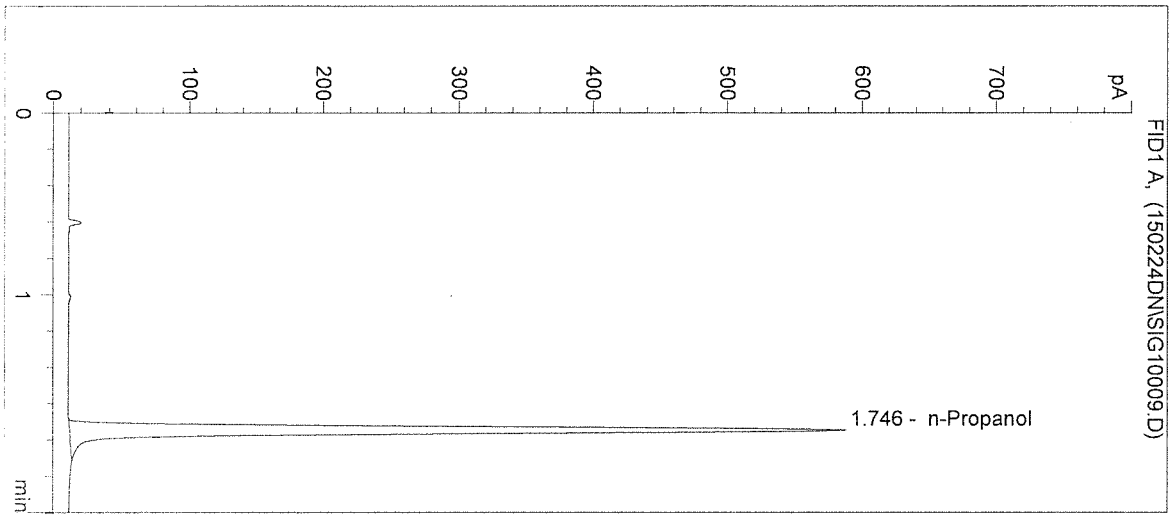
Data File: C:\HPCHEM\2\DATA\150224DN\SIG10008.D

DN

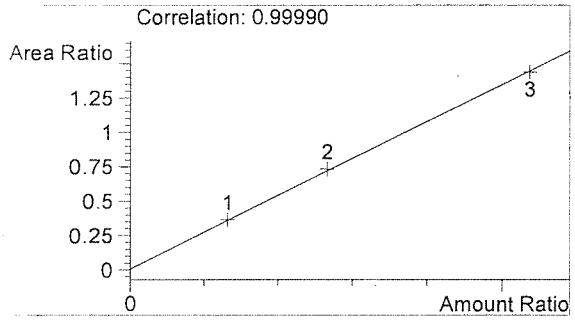
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/24/2015 11:11:20 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021

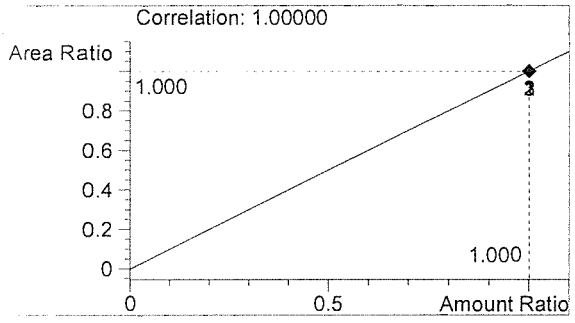
Sample Name: NEG CTRL
Operator: David Nguyen
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1539	1.746



Ethanol 0.000 g/100mL

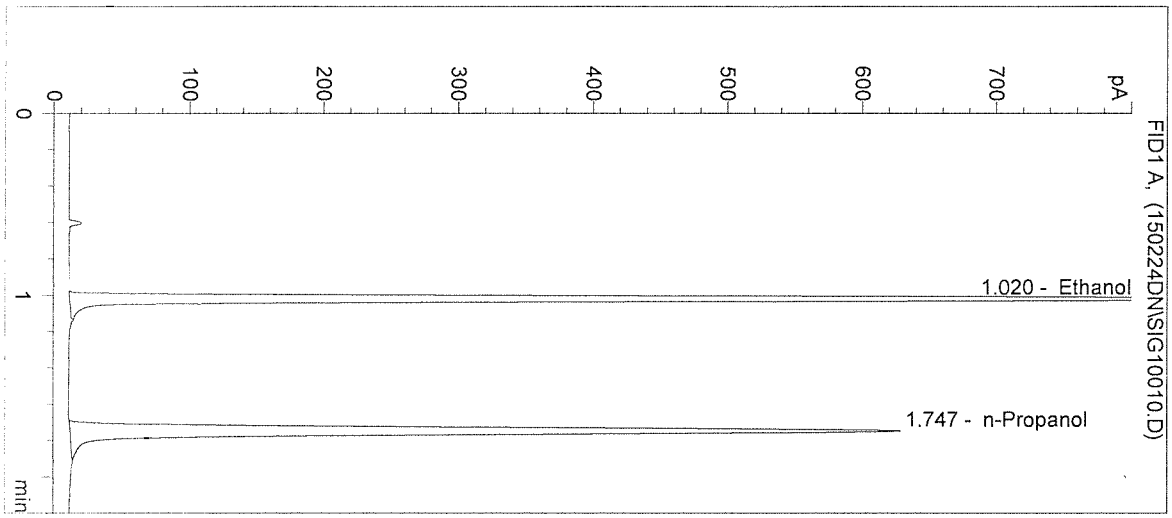


n-Propanol 0.012 g/100mL

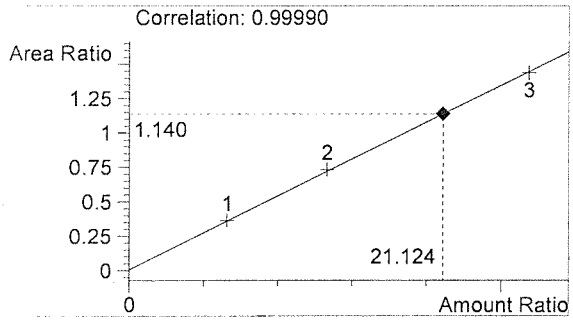
DN

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

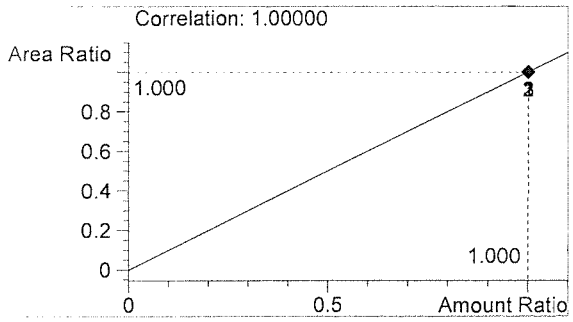
Inj. Date: 2/24/2015 11:14:33 AM Sample Name: 15021 #1
Instrument: HSGC#3 Operator: David Nguyen
Column: DB-ALC2 Location: Vial 10
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1883	1.020
2	n-Propanol	1652	1.747



Ethanol 0.253 g/100mL

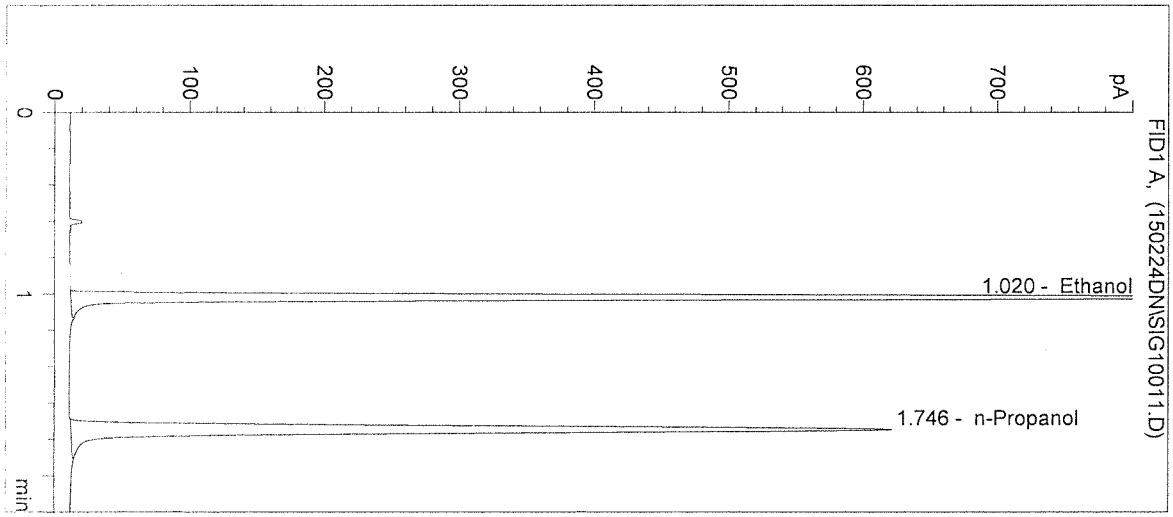


n-Propanol 0.012 g/100mL

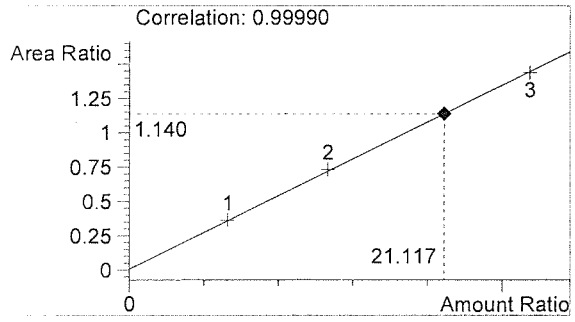
DN

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

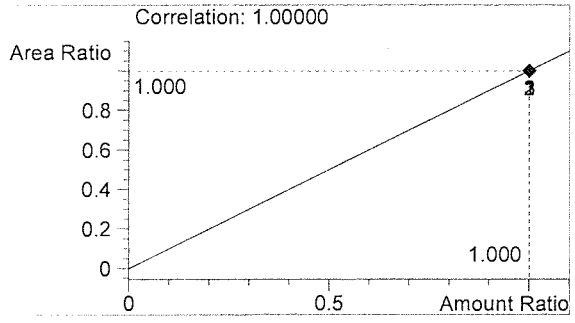
Inj. Date: 2/24/2015 11:17:46 AM Sample Name: 15021 #2
Instrument: HSGC#3 Operator: David Nguyen
Column: DB-ALC2 Location: Vial 11
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1859	1.020
2	n-Propanol	1631	1.746



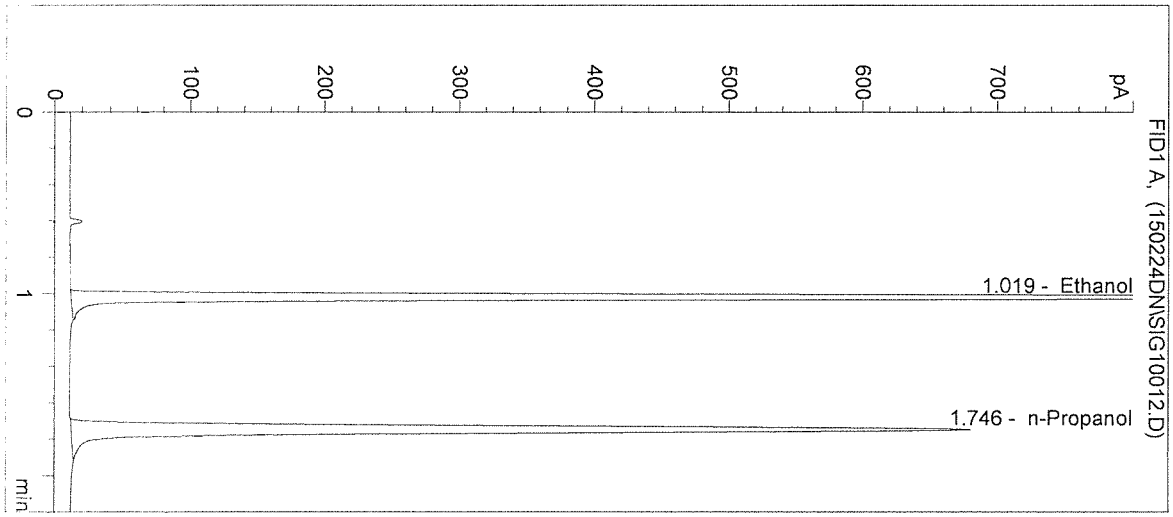
Ethanol 0.253 g/100mL



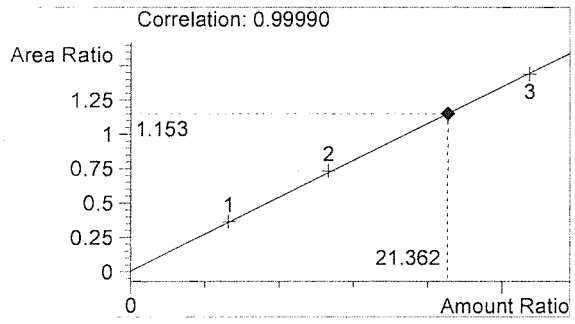
n-Propanol 0.012 g/100mL

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

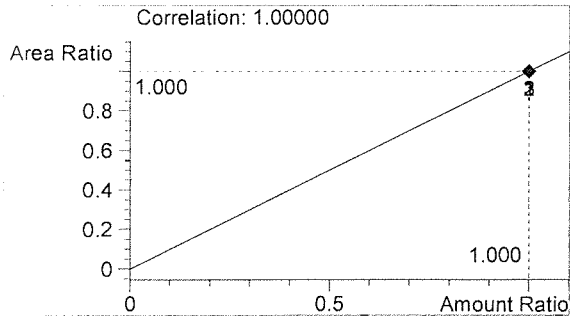
Inj. Date: 2/24/2015 11:21:00 AM Sample Name: 15021 #3
Instrument: HSGC#3 Operator: David Nguyen
Column: DB-ALC2 Location: Vial 12
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2057	1.019
2	n-Propanol	1785	1.746



Ethanol 0.256 g/100mL

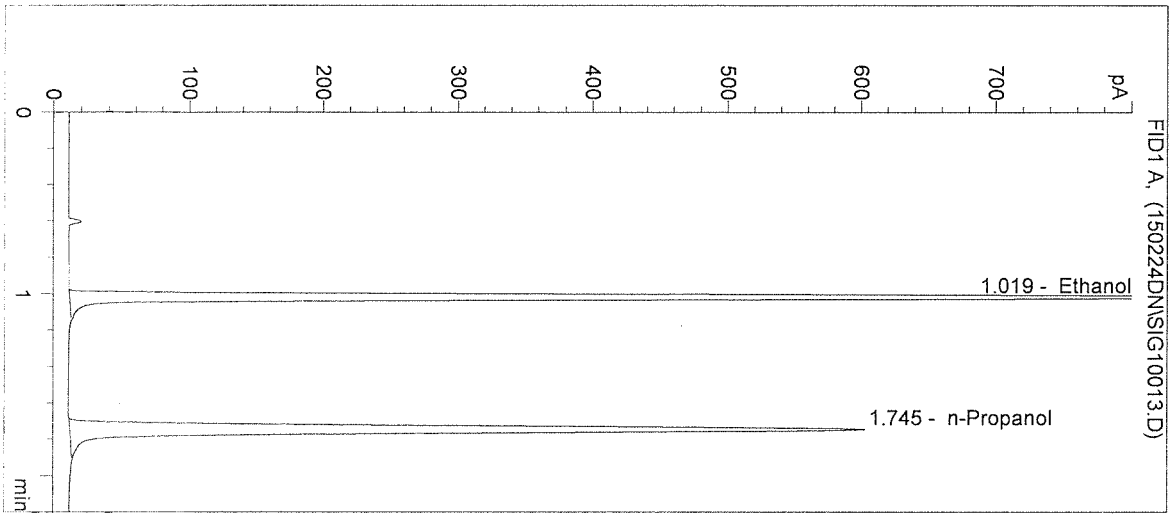


n-Propanol 0.012 g/100mL

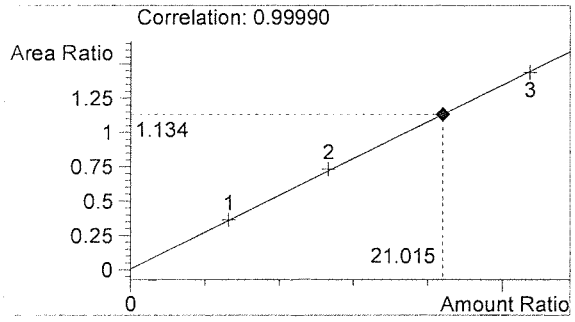
DN

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

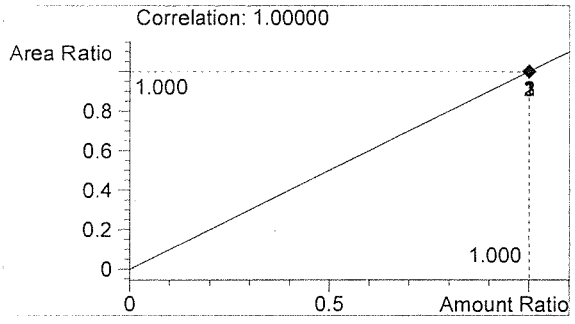
Inj. Date: 2/24/2015 11:24:13 AM Sample Name: 15021 #4
Instrument: HSGC#3 Operator: David Nguyen
Column: DB-ALC2 Location: Vial 13
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1787	1.019
2	n-Propanol	1576	1.745



Ethanol 0.252 g/100mL



n-Propanol 0.012 g/100mL

hr

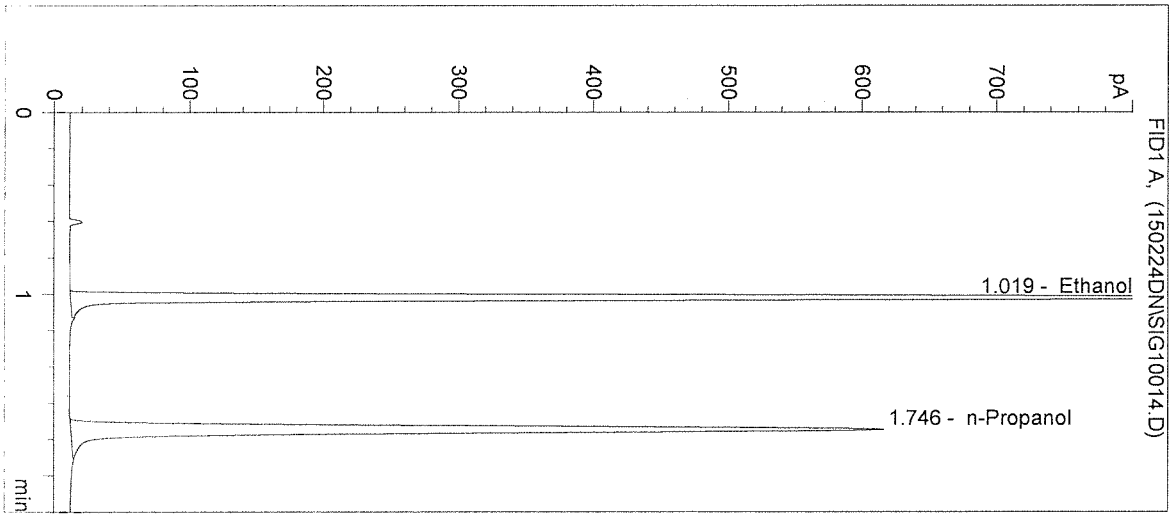
Data File: C:\HPCHEM\2\DATA\150224DN\SIG10013.D Page 1 of 1

DN

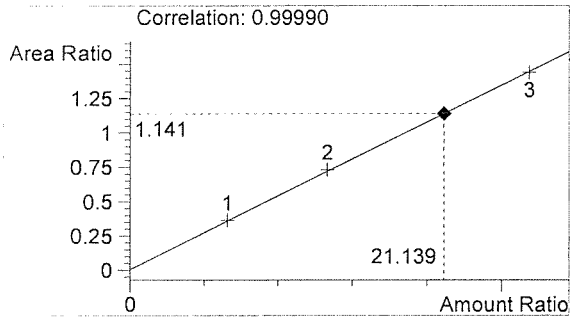
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/24/2015 11:27:27 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

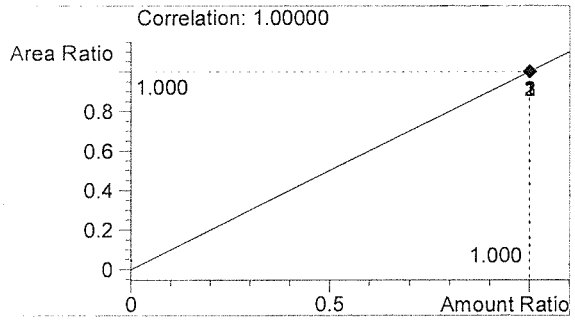
Sample Name: 15021 #5
Operator: David Nguyen
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1845	1.019
2	n-Propanol	1618	1.746



Ethanol 0.254 g/100mL



n-Propanol 0.012 g/100mL

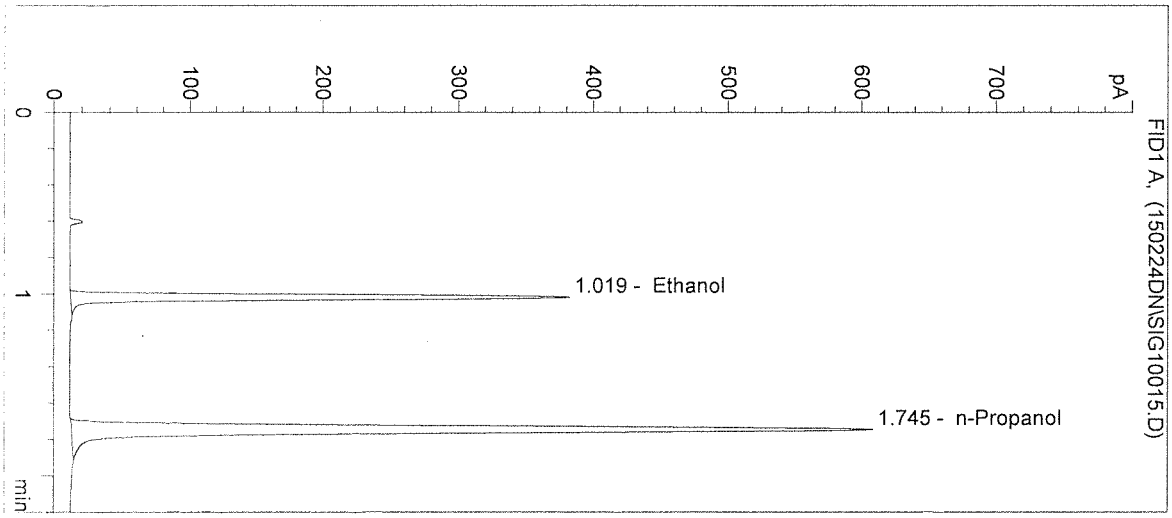
fh

DN

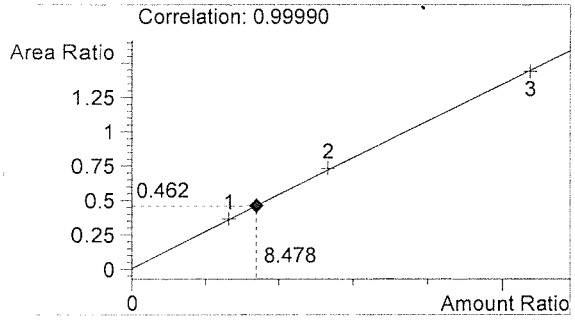
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/24/2015 11:30:39 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: POS CTRL: 0.10 g/100mL
15021

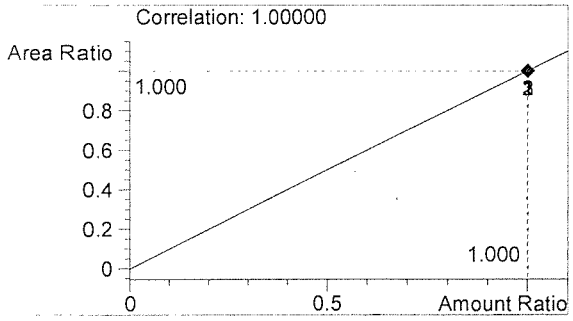
Sample Name: POS CTRL (0.10)
Operator: David Nguyen
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	736	1.019
2	n-Propanol	1593	1.745



Ethanol 0.102 g/100mL



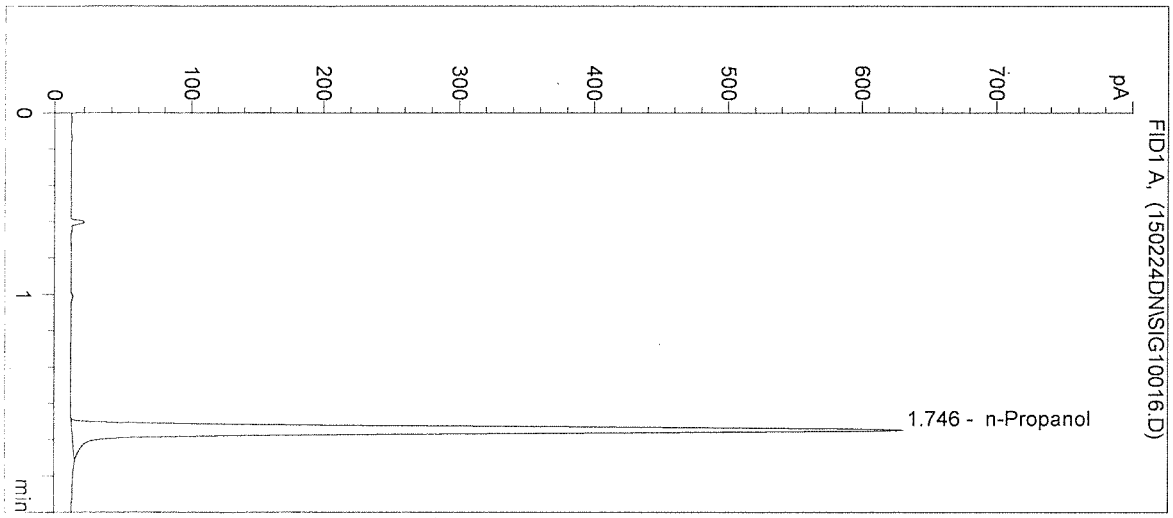
n-Propanol 0.012 g/100mL

DN

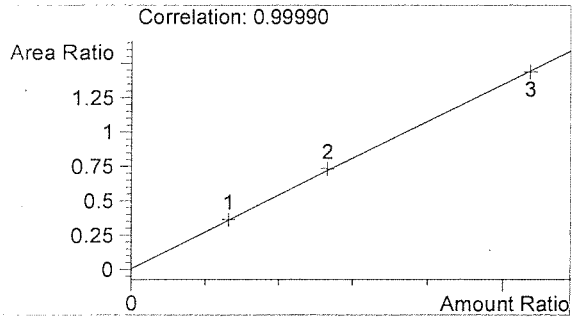
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/24/2015 11:33:53 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021

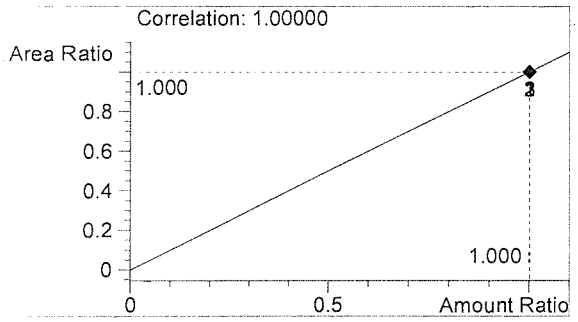
Sample Name: NEG CTRL
Operator: David Nguyen
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1653	1.746



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150224DN\SIG10016.D

Sequence: C:\HPCHEM\2\SEQUENCE\ACQAP3S.S

Sequence Parameters:

Operator:	Amanda Chandler
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	150225AC
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:

CAL 1: 0.079 g/100mL - Lot#: E1214-01 Exp. 06/03/2015
CAL 2: 0.158 g/100mL - Lot#: E1214-02 Exp. 06/03/2015
CAL 3: 0.316 g/100mL - Lot#: E1214-03 Exp. 06/03/2015

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#: P0115 Exp. 04/27/2015

Calibration vials 1-9 are filed with Batch 15021.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	CAL 1 (0.079)	SIMALC3	1	Calib		
3	Vial 3	CAL 2 (0.158)	SIMALC3	1	Calib		
4	Vial 4	CAL 3 (0.316)	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	CTRL 1 (0.04)	SIMALC3	1	Ctrl Samp		
7	Vial 7	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp		
8	Vial 8	CTRL 3 (0.20)	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	15021 #1	SIMALC3	1	Sample		
11	Vial 11	15021 #2	SIMALC3	1	Sample		
12	Vial 12	15021 #3	SIMALC3	1	Sample		
13	Vial 13	15021 #4	SIMALC3	1	Sample		
14	Vial 14	15021 #5	SIMALC3	1	Sample		
15	Vial 15	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	CAL 1 (0.079)	SIMALC3	1	Replace	Replace	

Sequence: C:\HPCHEM\2\SEQUENCE\ACQAP3S.S

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

Sequence Table (Back Injector):

No entries - empty table!

15021 fm 3/9/15

Calibration Table

Calib. Data Modified : Wednesday, February 25, 2015 7:51:03 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
1.020	1	1	7.89800e-2	576.51788	1.36995e-4		1	Ethanol
		2	1.59900e-1	1100.47559	1.45301e-4			
		3	3.22070e-1	2385.21411	1.35028e-4			
1.746	1	1	1.20000e-2	1600.61365	7.49712e-6		I1	n-Propanol
		2	1.20000e-2	1540.50391	7.78966e-6			
		3	1.20000e-2	1644.13599	7.29867e-6			

Peak Sum Table

No Entries in table

15021 jm 3/9/15

AC

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Calibration Curves

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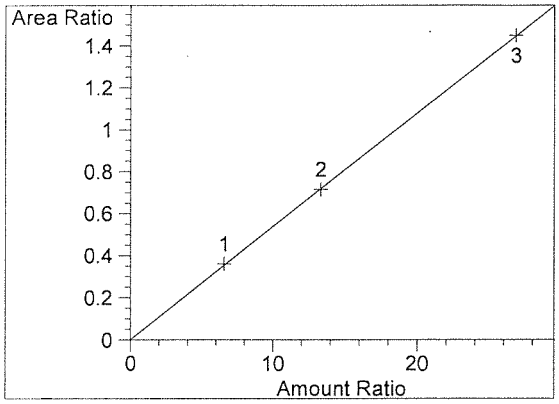
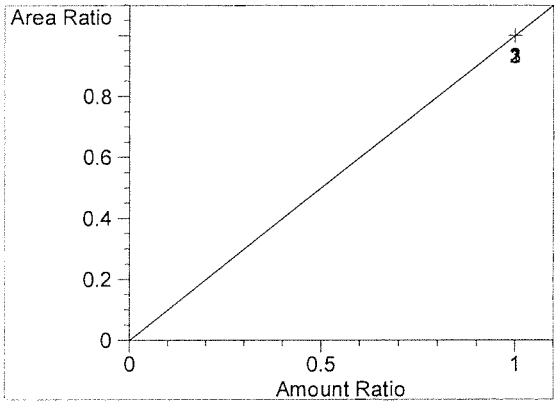


Ethanol at exp. RT: 1.020
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00506
Formula: y = mx + b
m: 5.39714e-2
b: 5.86838e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.746
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

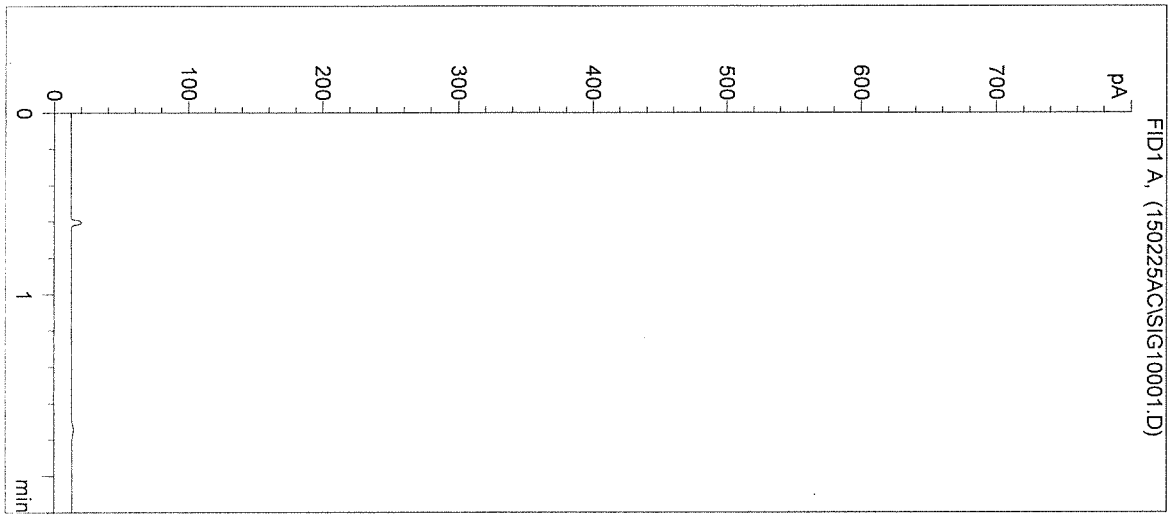
==========

15021 jm 3/9/15

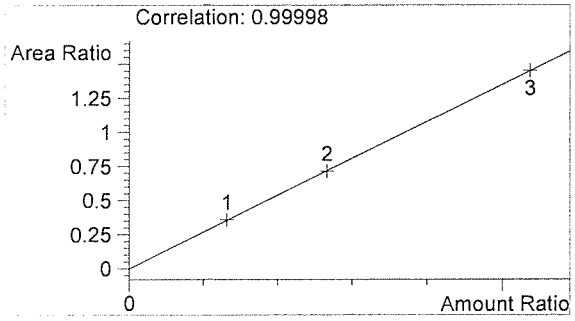
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/25/2015 7:38:58 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021

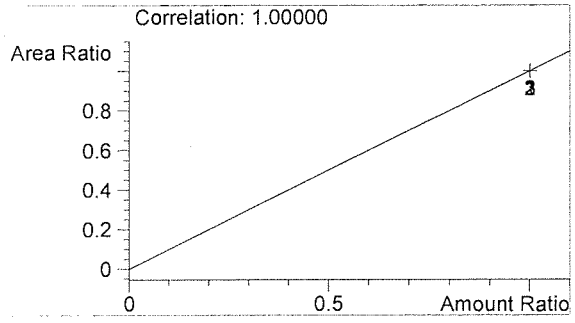
Sample Name: BLANK
Operator: Amanda Chandler
Location: Vial 1



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



Ethanol 0.000 g/100mL



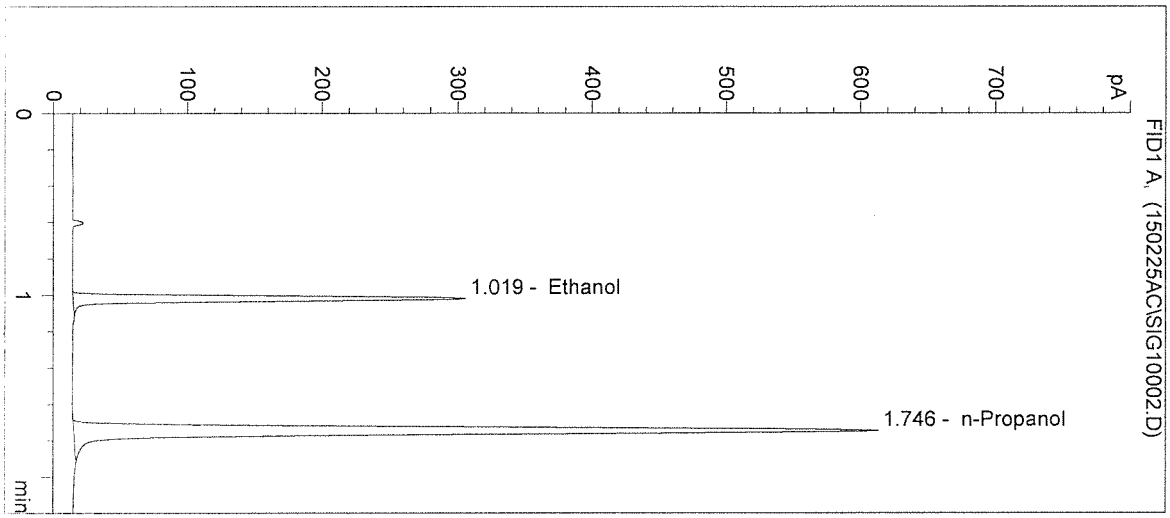
n-Propanol 0.000 g/100mL

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

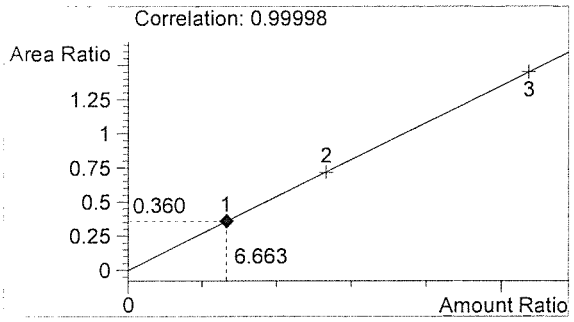
Inj. Date: 2/25/2015 7:42:17 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 1: 0.079 g/100mL
15021

Sample Name: CAL 1 (0.079)
Operator: Amanda Chandler
Location: Vial 2

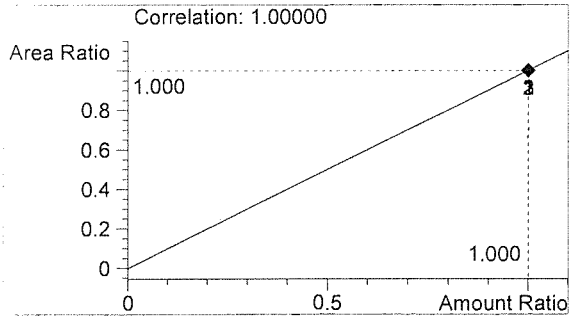
->



#	Compound	Peak Area	RT (min)
1	Ethanol	577	1.019
2	n-Propanol	1601	1.746



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: 2/25/2015 7:45:34 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 2: 0.158 g/100mL
15021

Sample Name: CAL 2 (0.158)
Operator: Amanda Chandler
Location: Vial 3

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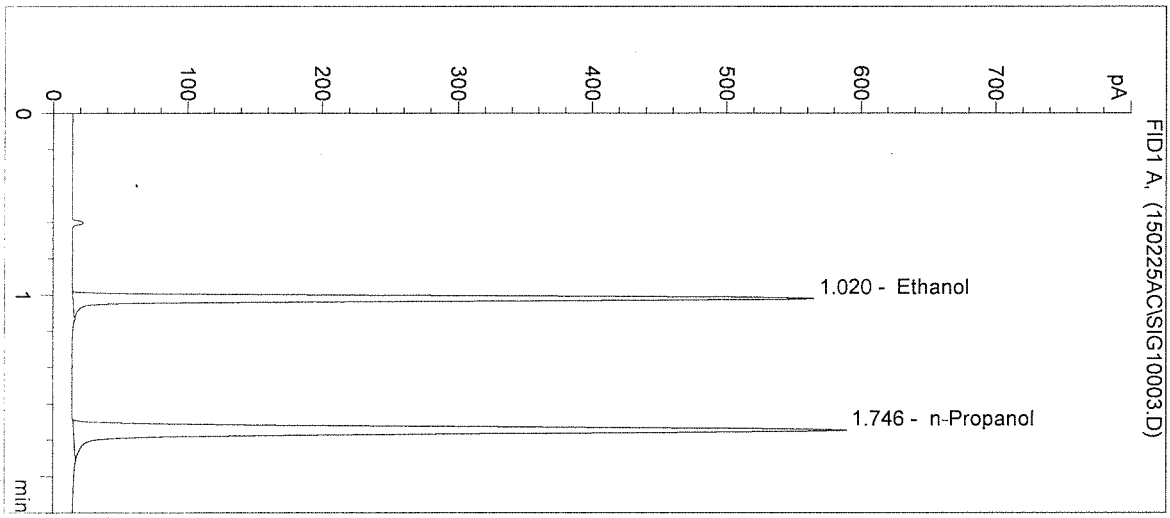
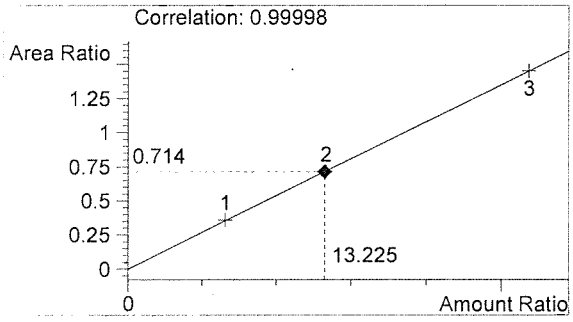
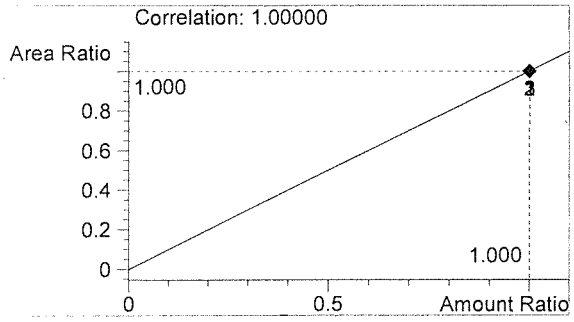


#	Compound	Peak Area	RT (min)
1	Ethanol	1100	1.020
2	n-Propanol	1541	1.746



Ethanol 0.159 g/100mL



n-Propanol 0.012 g/100mL

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2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/25/2015 7:48:51 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 3: 0.316 g/100mL
15021

Sample Name: CAL 3 (0.316)
Operator: Amanda Chandler
Location: Vial 4

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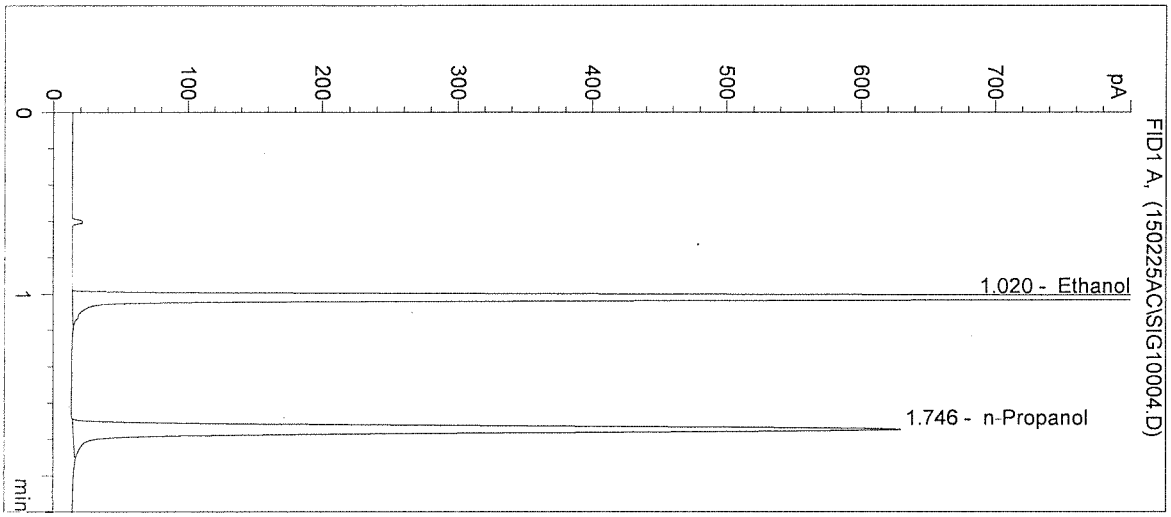
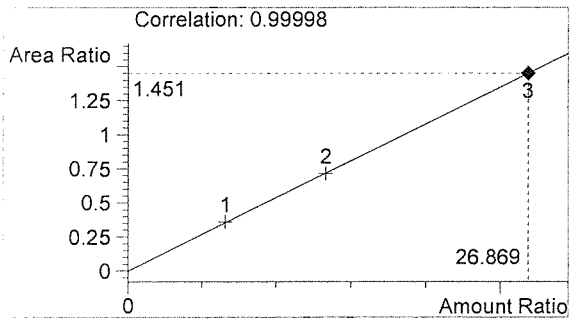
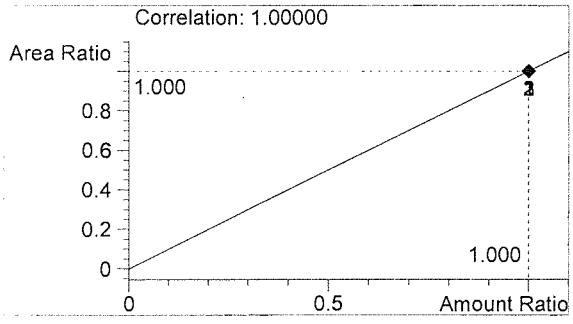


#	Compound	Peak Area	RT (min)
1	Ethanol	2385	1.020
2	n-Propanol	1644	1.746



Ethanol 0.322 g/100mL



n-Propanol 0.012 g/100mL

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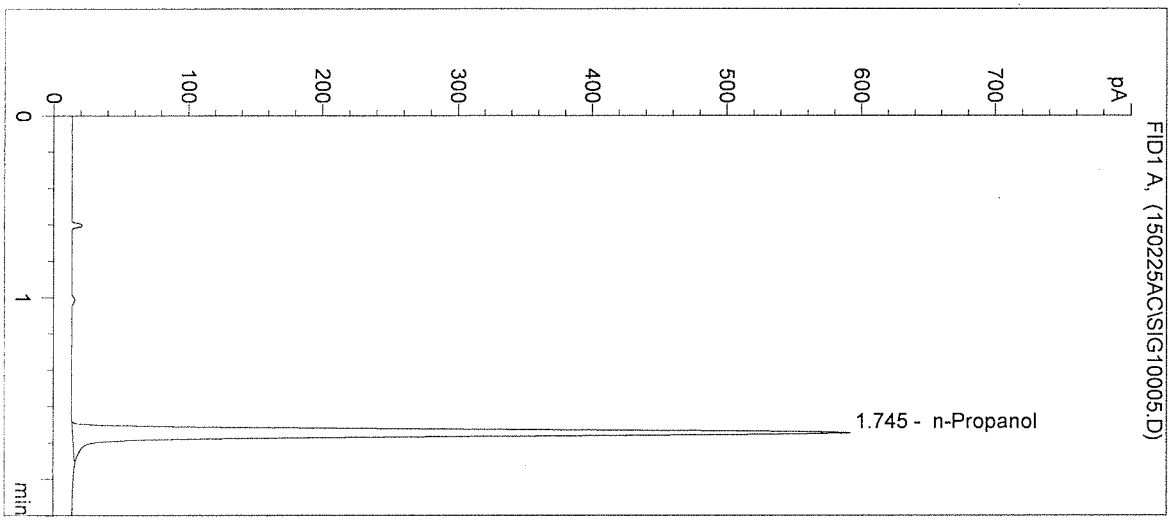
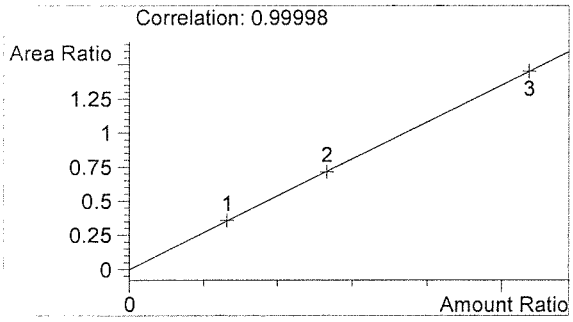
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/25/2015 7:52:04 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021

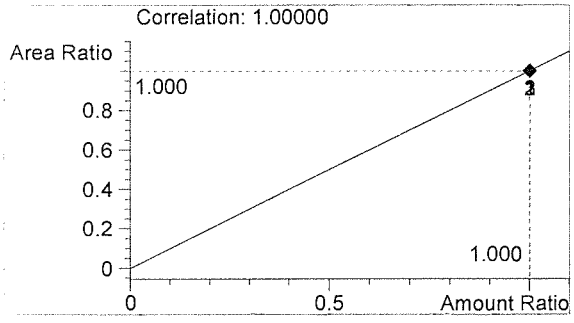
Sample Name: NEG CTRL
Operator: Amanda Chandler
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1545	1.745



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 2/25/2015 7:55:18 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 1: 0.04 g/100mL
15021

Sample Name: CTRL 1 (0.04)
Operator: Amanda Chandler
Location: Vial 6

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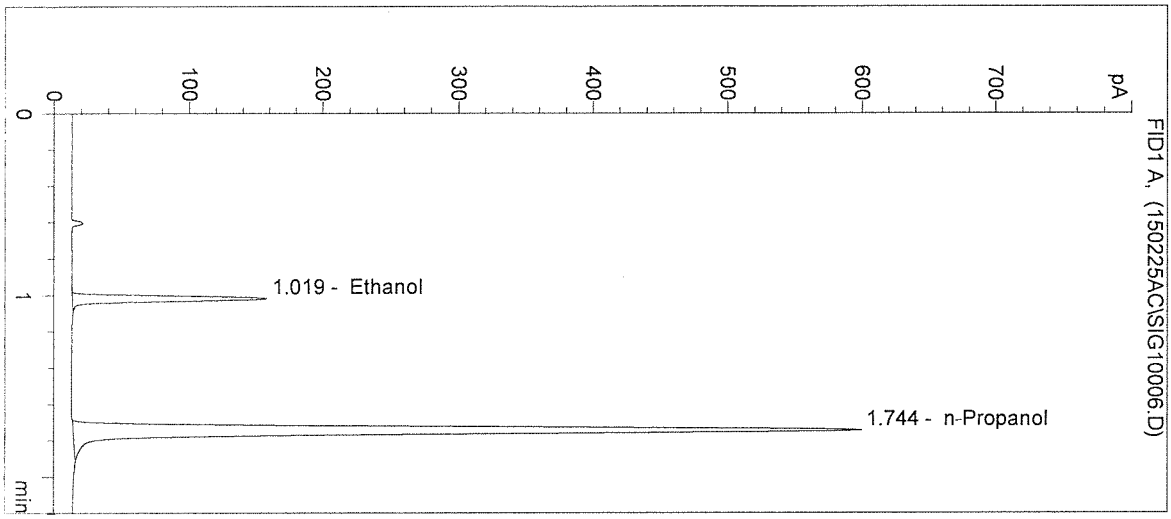
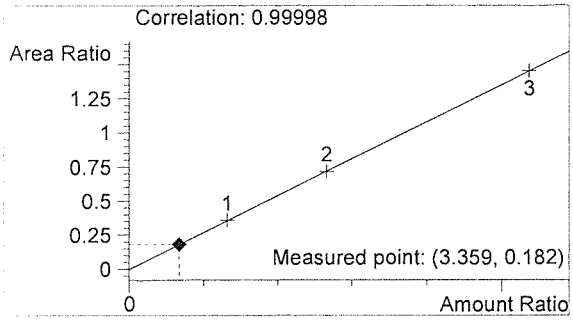
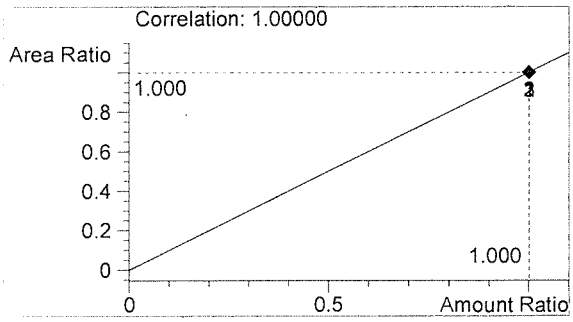


#	Compound	Peak Area	RT (min)
1	Ethanol	285	1.019
2	n-Propanol	1566	1.744



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

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2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/25/2015 7:58:31 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 2: 0.10 g/100mL
15021

Sample Name: CTRL 2 (0.10)
Operator: Amanda Chandler
Location: Vial 7

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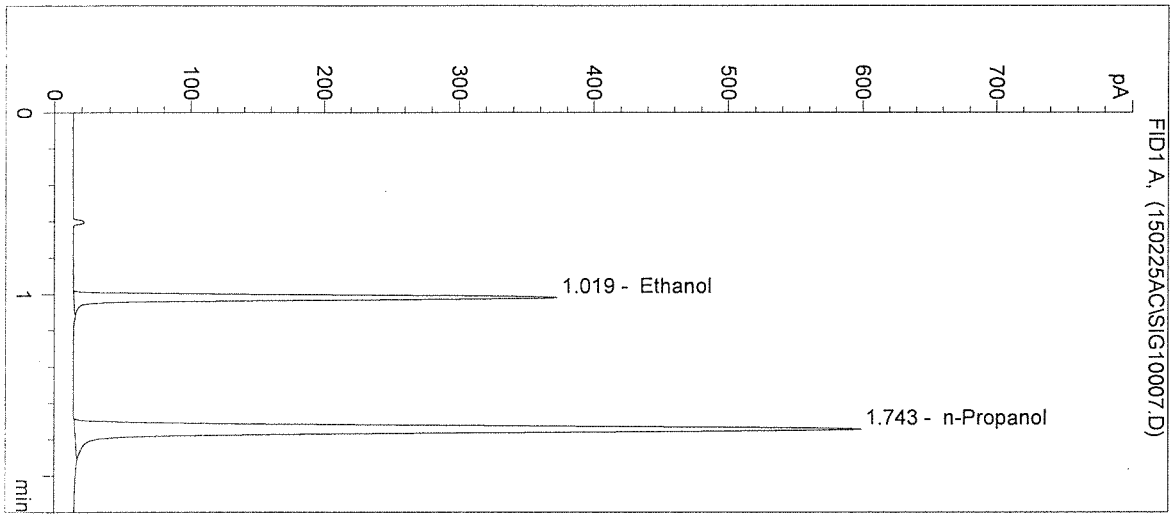
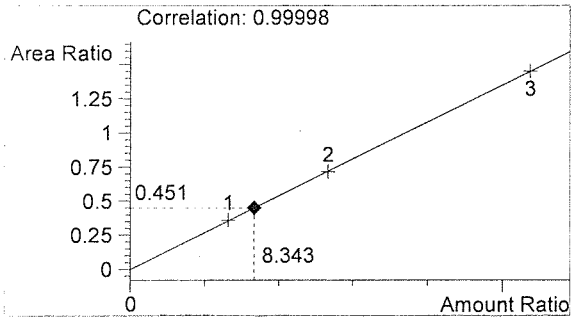
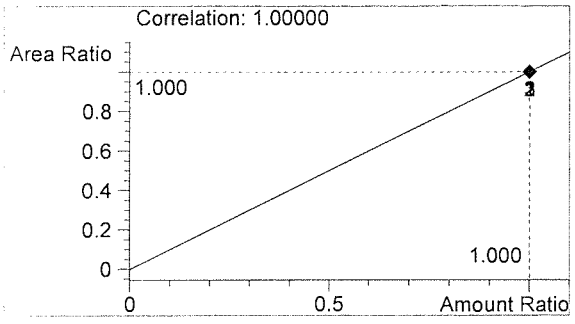


#	Compound	Peak Area	RT (min)
1	Ethanol	702	1.019
2	n-Propanol	1557	1.743



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

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2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/25/2015 8:01:44 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 3: 0.20 g/100mL
15021

Sample Name: CTRL 3 (0.20)
Operator: Amanda Chandler
Location: Vial 8

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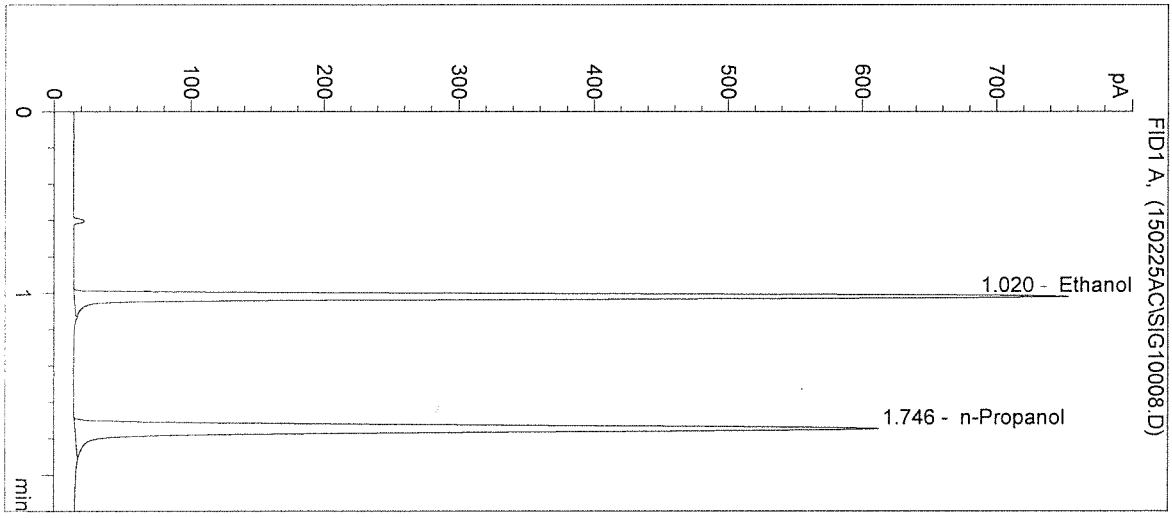
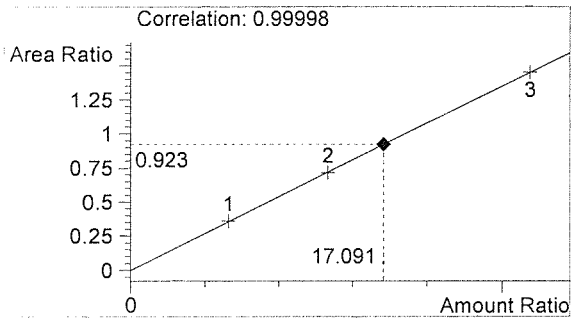
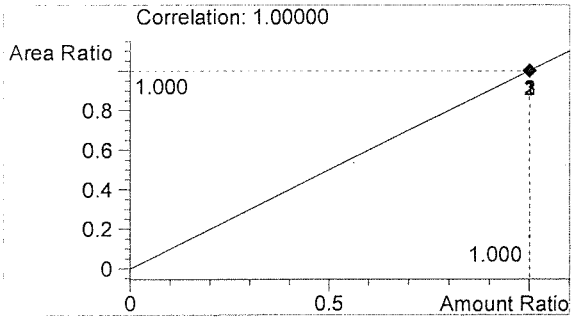


#	Compound	Peak Area	RT (min)
1	Ethanol	1474	1.020
2	n-Propanol	1597	1.746



Ethanol 0.205 g/100mL

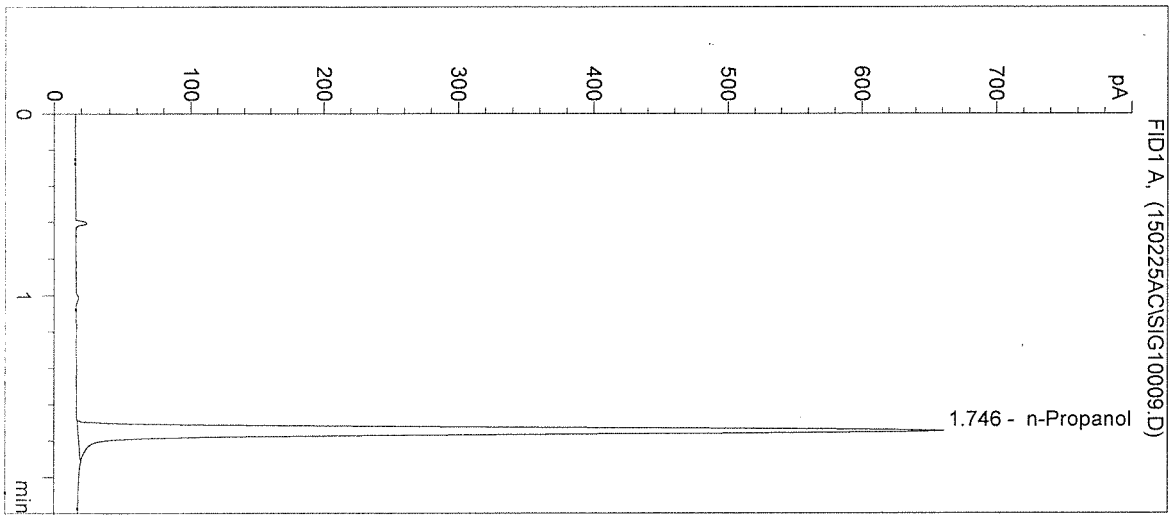


n-Propanol 0.012 g/100mL

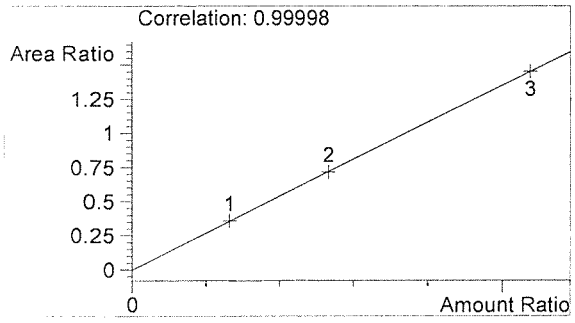
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/25/2015 8:04:57 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021

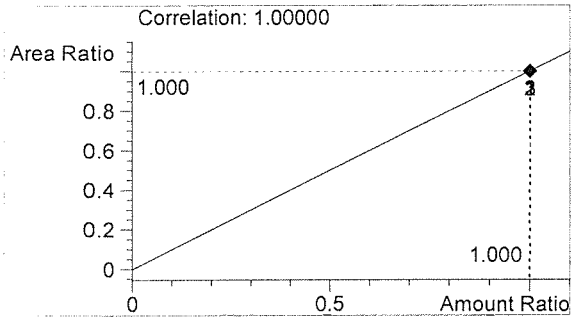
Sample Name: NEG CTRL
Operator: Amanda Chandler
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1723	1.746



Ethanol 0.000 g/100mL



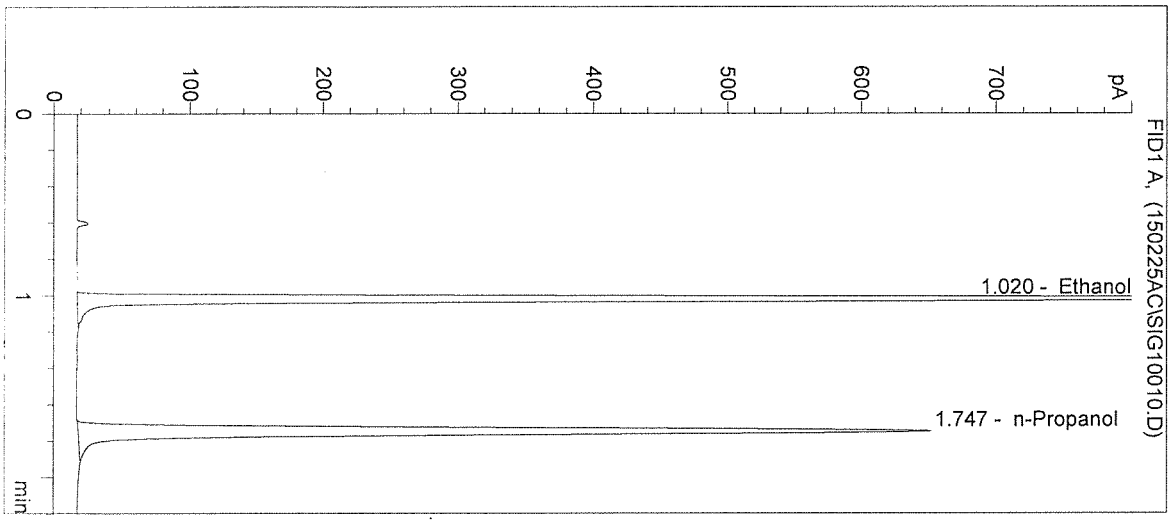
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150225AC\SIG10009.D

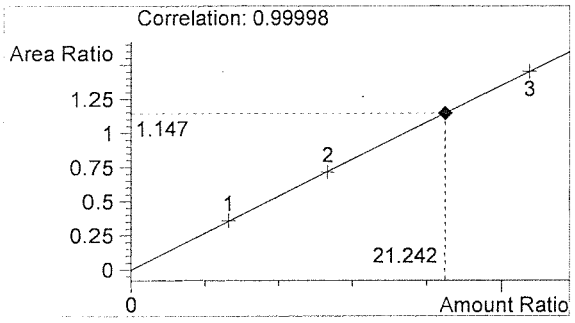
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/25/2015 8:08:11 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

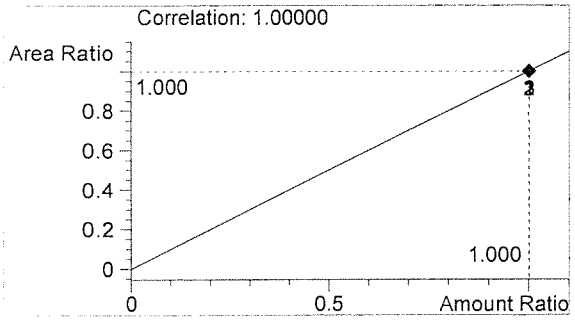
Sample Name: 15021 #1
Operator: Amanda Chandler
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1941	1.020
2	n-Propanol	1692	1.747



Ethanol 0.255 g/100mL



n-Propanol 0.012 g/100mL

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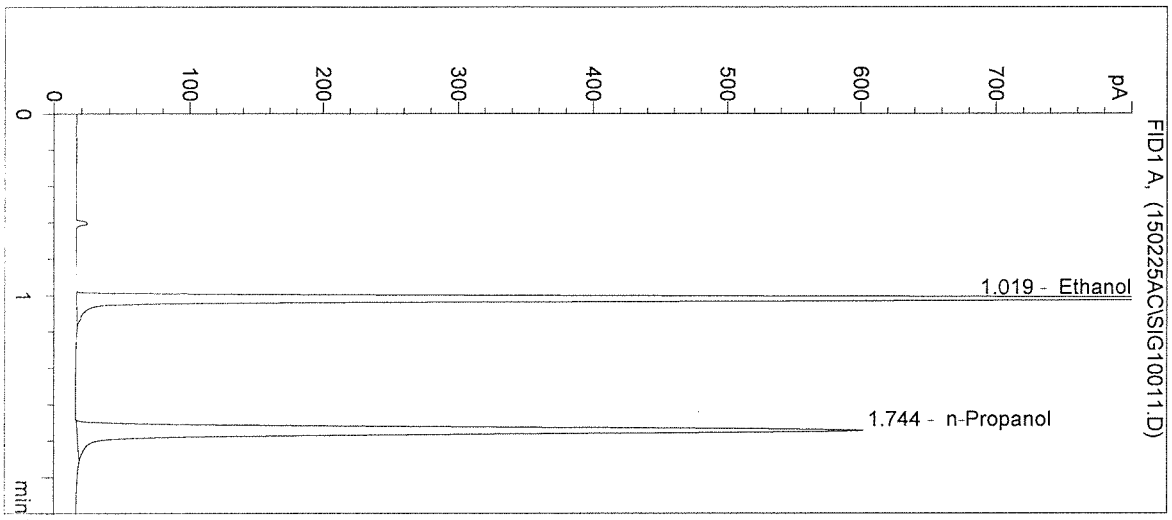
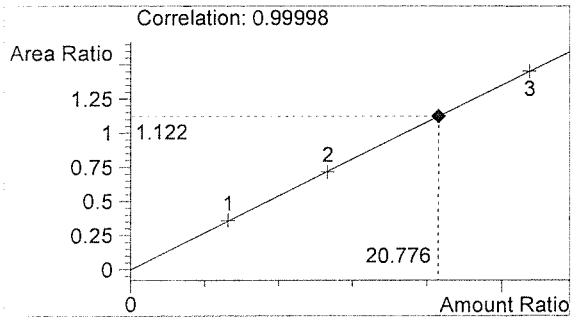
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/25/2015 8:11:24 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

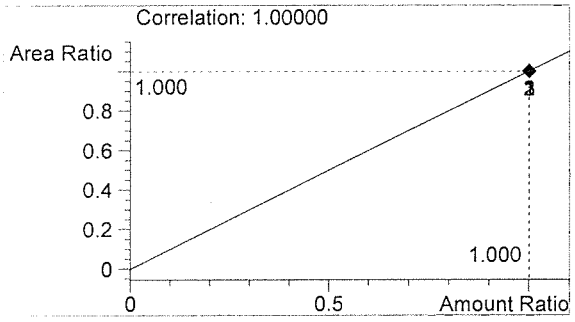
Sample Name: 15021 #2
Operator: Amanda Chandler
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1753	1.019
2	n-Propanol	1562	1.744



Ethanol 0.249 g/100mL



n-Propanol 0.012 g/100mL

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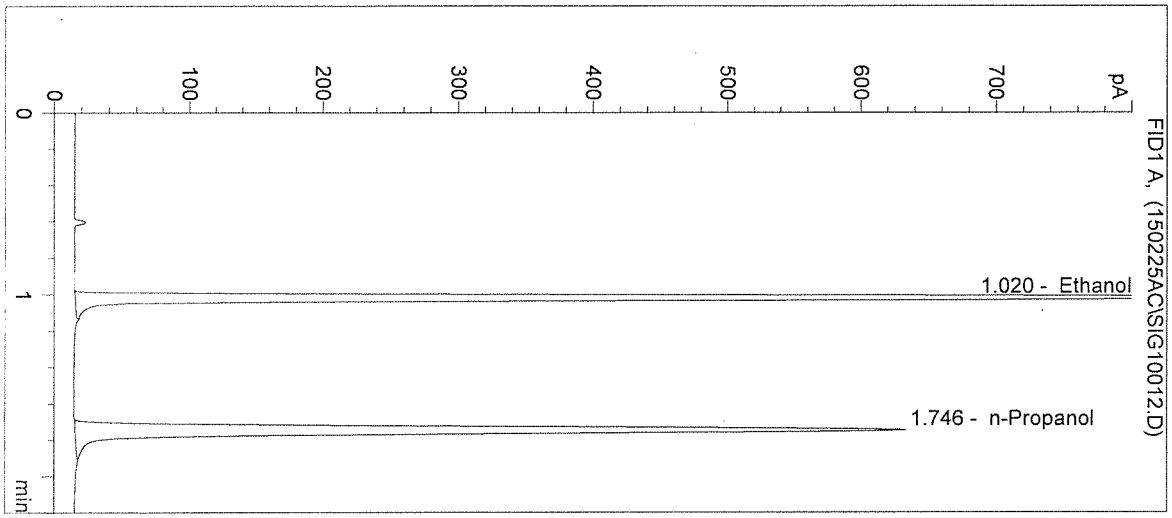
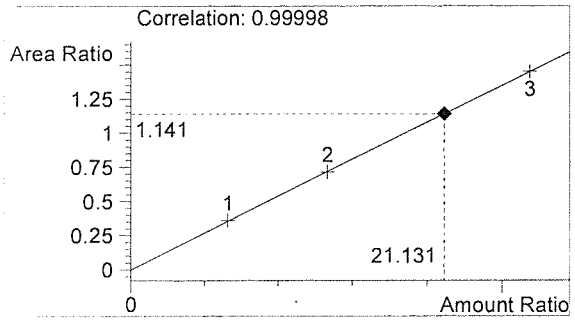
Inj. Date: 2/25/2015 8:14:38 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

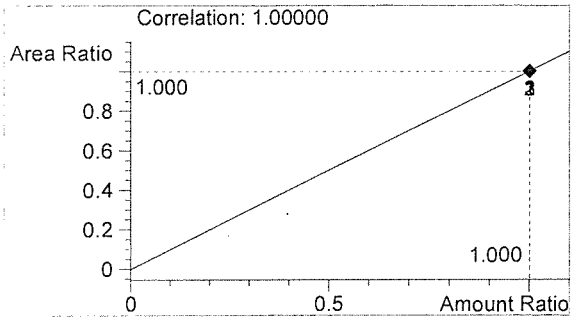
Sample Name: 15021 #3
Operator: Amanda Chandler
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1886	1.020
2	n-Propanol	1653	1.746



Ethanol 0.254 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150225AC\SIG10012.D

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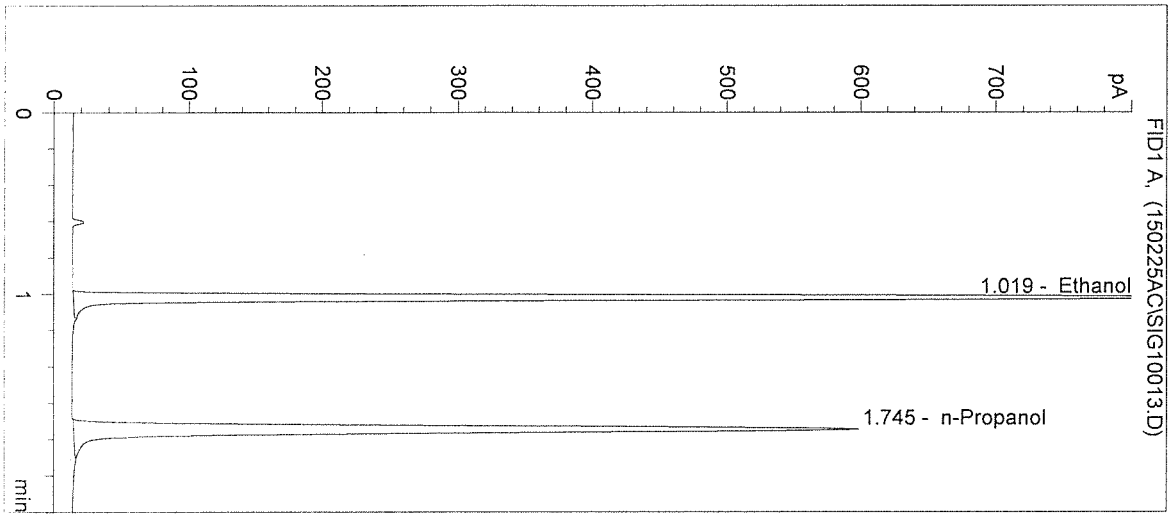
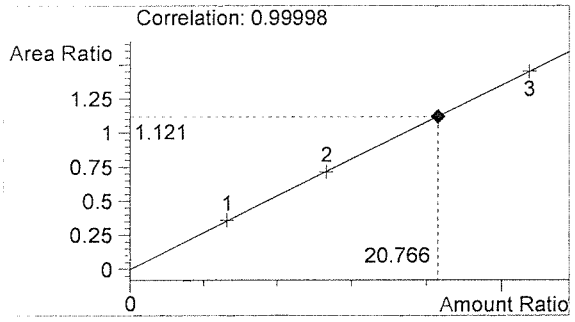
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/25/2015 8:17:50 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

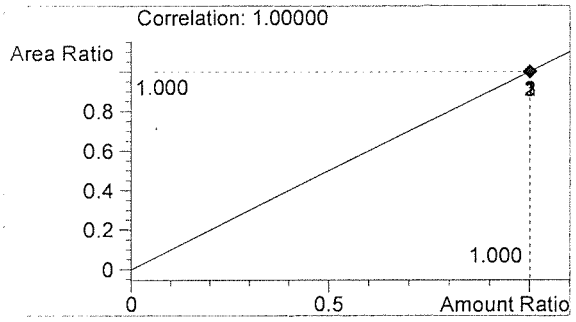
Sample Name: 15021 #4
Operator: Amanda Chandler
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1751	1.019
2	n-Propanol	1562	1.745



Ethanol 0.249 g/100mL



n-Propanol 0.012 g/100mL

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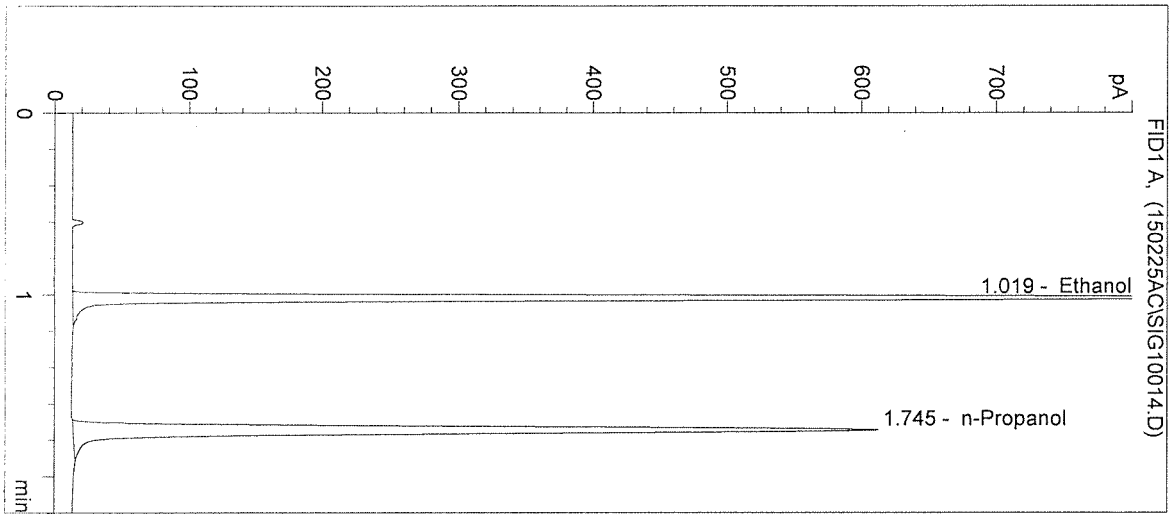
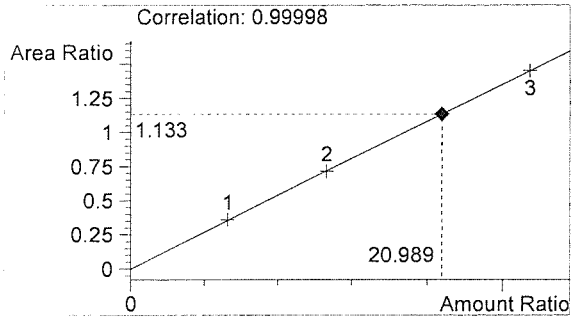
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/25/2015 8:21:04 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

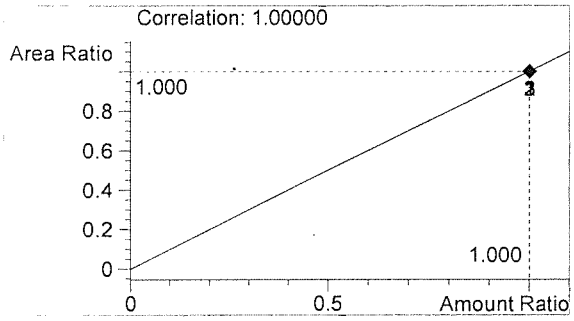
Sample Name: 15021 #5
Operator: Amanda Chandler
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1810	1.019
2	n-Propanol	1597	1.745



Ethanol 0.252 g/100mL



n-Propanol 0.012 g/100mL

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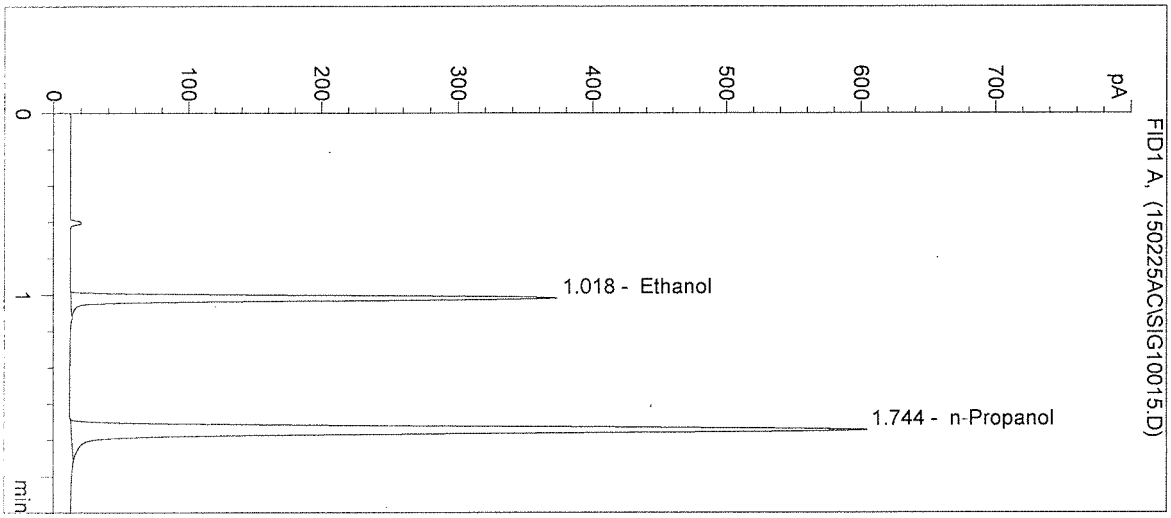
2203 Airport Way S Seattle, WA 98134

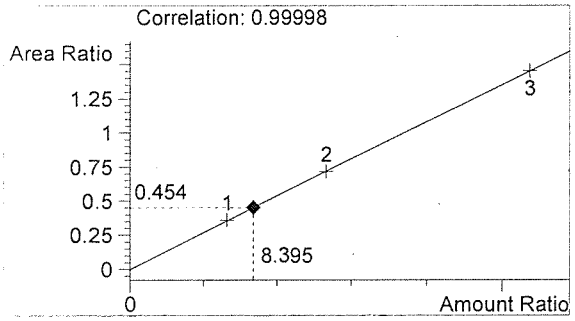
Inj. Date: 2/25/2015 8:24:18 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: POS CTRL: 0.10 g/100mL
15021

Sample Name: POS CTRL (0.10)
Operator: Amanda Chandler
Location: Vial 15

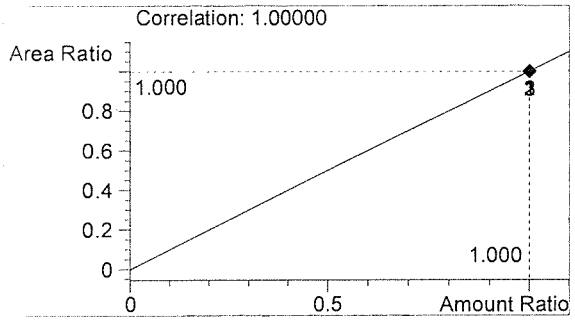
->



#	Compound	Peak Area	RT (min)
1	Ethanol	717	1.018
2	n-Propanol	1581	1.744



Ethanol 0.101 g/100mL

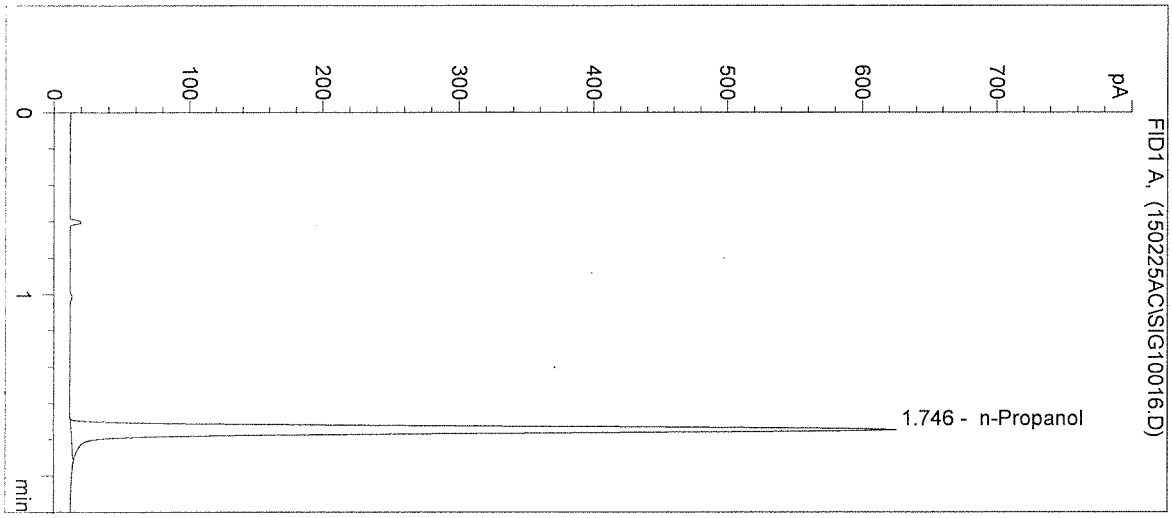


n-Propanol 0.012 g/100mL

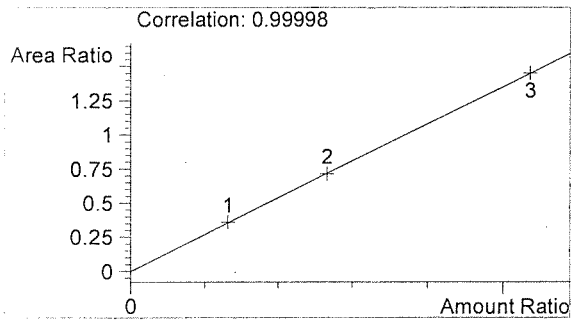
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/25/2015 8:27:31 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021

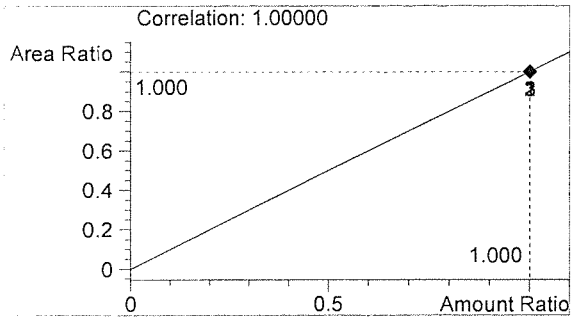
Sample Name: NEG CTRL
Operator: Amanda Chandler
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1639	1.746



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150225AC\SIG10016.D

Sequence: C:\HPCHEM\1\SEQUENCE\BTQAP3.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\2\DATA\
Data Subdirectory:	150227BT
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# E1214-01 - EXP 6/3/15
CAL 2 (0.158g/100mL) - LOT# E1214-02 - EXP 6/3/15
CAL 3 (0.316g/100mL) - LOT# E1214-03 - EXP 6/3/15
CTRL 1 (0.04g/100mL) - LOT# FN05011301 - EXP 05/2018
CTRL 2 (0.10g/100mL) - LOT# FN08051301 - EXP 10/2018
CTRL 3 (0.20g/100mL) - LOT# FN03211401 - EXP 06/2019
n-Propanol ISTD - LOT# P0115 - 04/27/15

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-BT	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-BT	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-BT	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		
10	Vial 10	QAP0.20 15021 #1	SIMALC3	1	Sample		
11	Vial 11	QAP0.20 15021 #2	SIMALC3	1	Sample		
12	Vial 12	QAP0.20 15021 #3	SIMALC3	1	Sample		
13	Vial 13	QAP0.20 15021 #4	SIMALC3	1	Sample		
14	Vial 14	QAP0.20 15021 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL-BT	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

BT

Sequence: C:\HPCHEM\1\SEQUENCE\BTQAP3.S

Sequence Table (Back Injector):

No entries - empty table!

15021 JH 3/9/15

BT

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

Calibration Table

Calib. Data Modified : Friday, February 27, 2015 10:20:23 AM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.020	1	1	7.89800e-2	678.72339	1.16366e-4			Ethanol
		2	1.59900e-1	1315.79932	1.21523e-4			
		3	3.22070e-1	2613.85864	1.23216e-4			
1.746	1	1	1.20000e-2	1848.10510	6.49314e-6		I1	n-Propanol
		2	1.20000e-2	1801.71021	6.66034e-6			
		3	1.20000e-2	1778.53333	6.74713e-6			

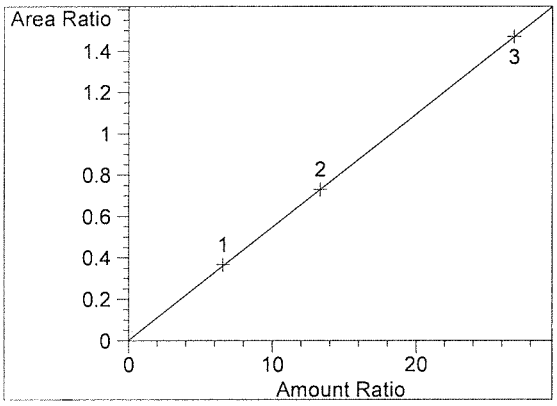
Peak Sum Table

No Entries in table

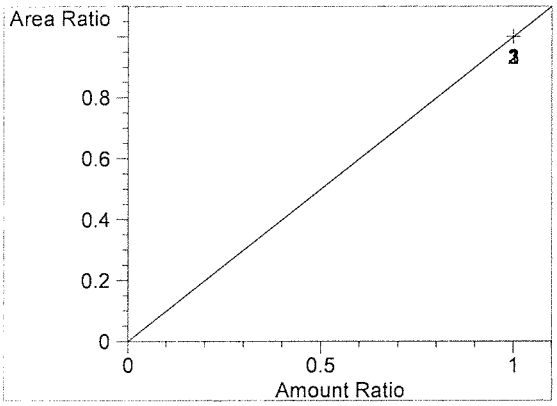
15021 fn 3/9/15

BT

Calibration Curves



Ethanol at exp. RT: 1.020
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00390
Formula: y = mx + b
m: 5.46726e-2
b: 2.87891e-3
x: Amount Ratio
y: Area Ratio



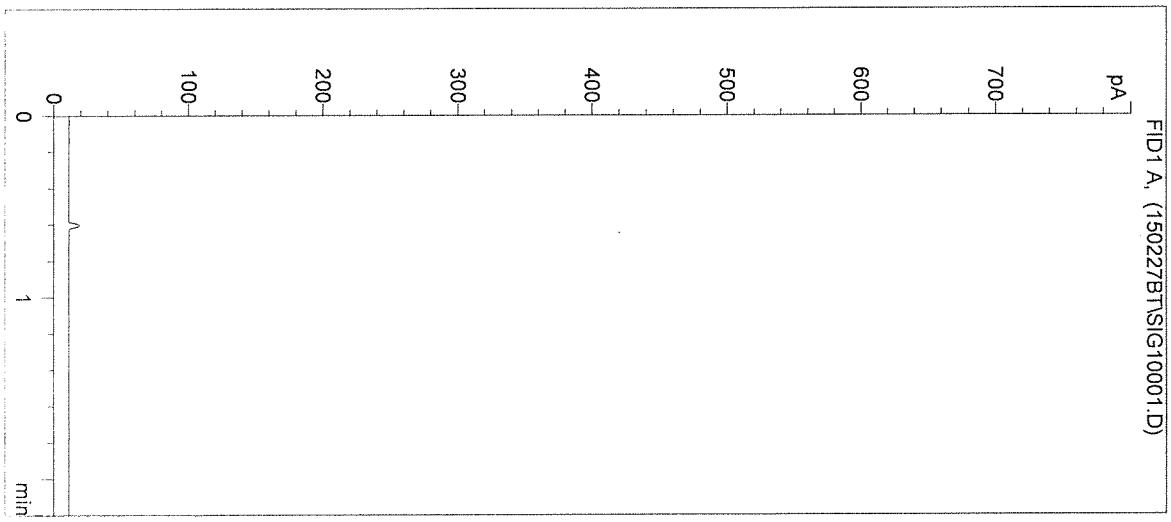
n-Propanol at exp. RT: 1.746
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

15021 jm 3/9/15

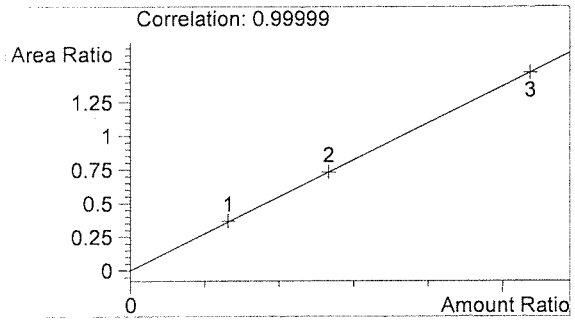
BT

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

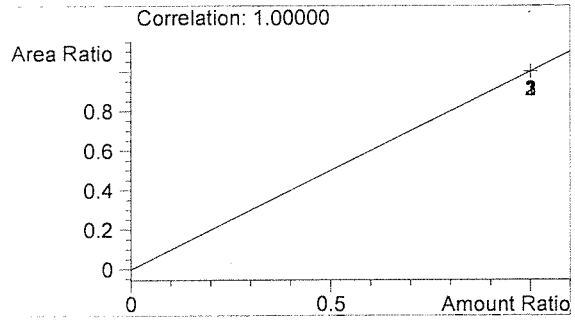
Inj. Date: 2/27/2015 10:08:18 AM Sample Name: BLANK
Instrument: HSGC#3 Operator: BRITTANY THOMAS
Column: DB-ALC2 Location: Vial 1
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021



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



Ethanol 0.000 g/100mL

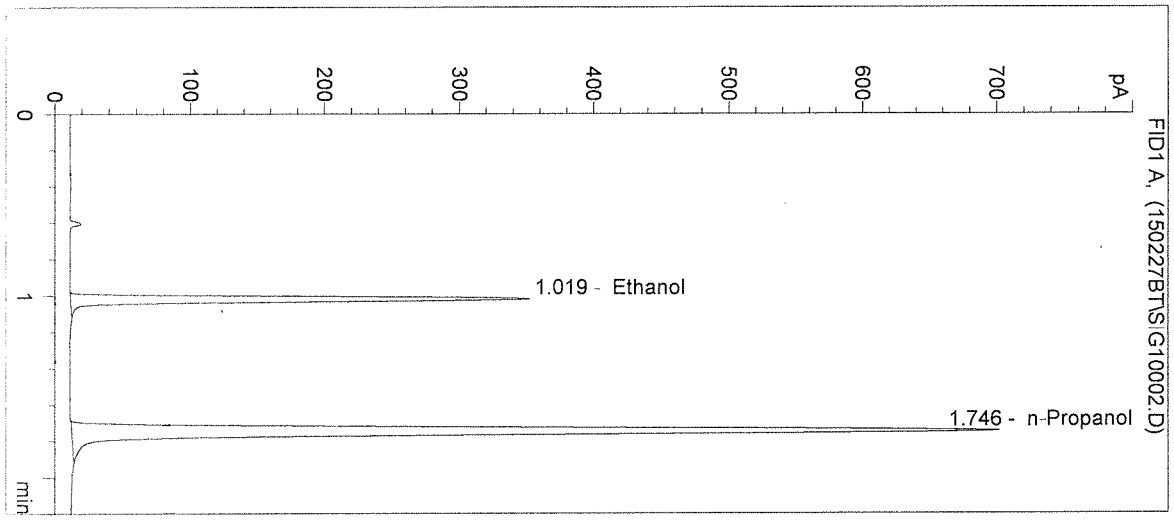


n-Propanol 0.000 g/100mL

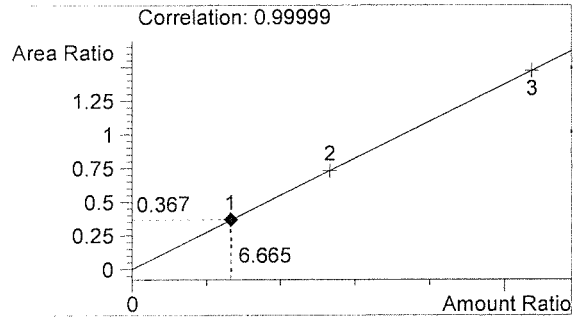
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/27/2015 10:11:37 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021

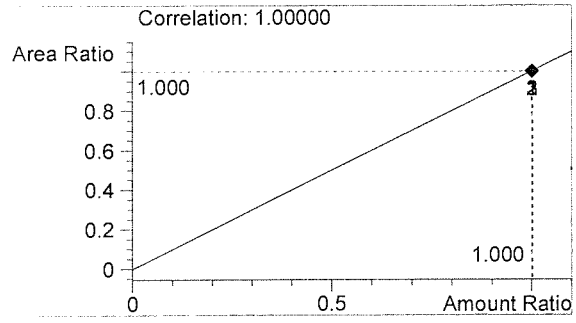
Sample Name: 0.079 CAL 1
Operator: BRITTANY THOMAS
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	679	1.019
2	n-Propanol	1848	1.746



Ethanol 0.080 g/100mL



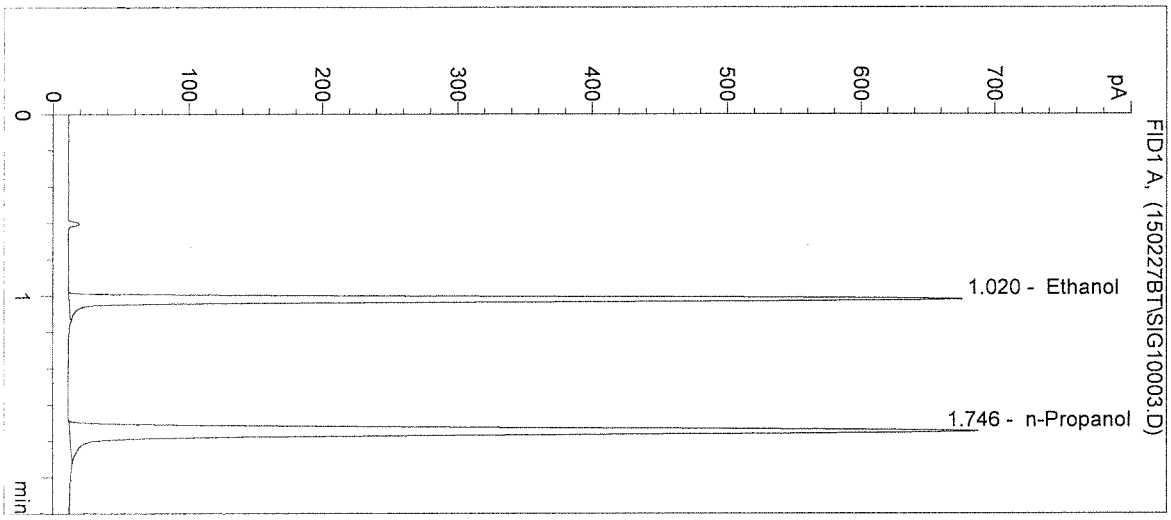
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150227BT\SIG10002.D

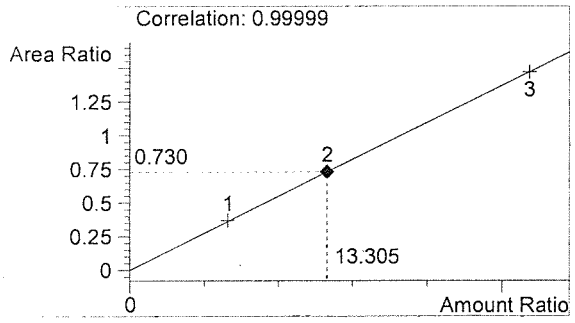
BT

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

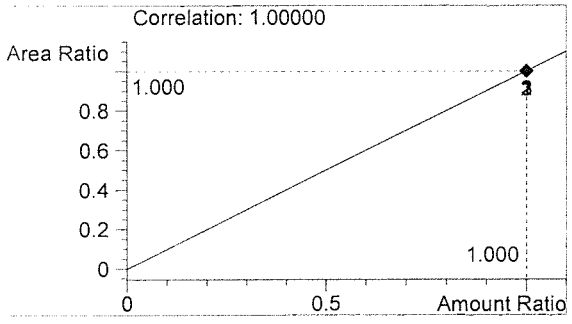
Inj. Date: 2/27/2015 10:14:54 AM Sample Name: 0.158 CAL 2
Instrument: HSGC#3 Operator: BRITTANY THOMAS
Column: DB-ALC2 Location: Vial 3
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021



#	Compound	Peak Area	RT (min)
1	Ethanol	1316	1.020
2	n-Propanol	1802	1.746



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

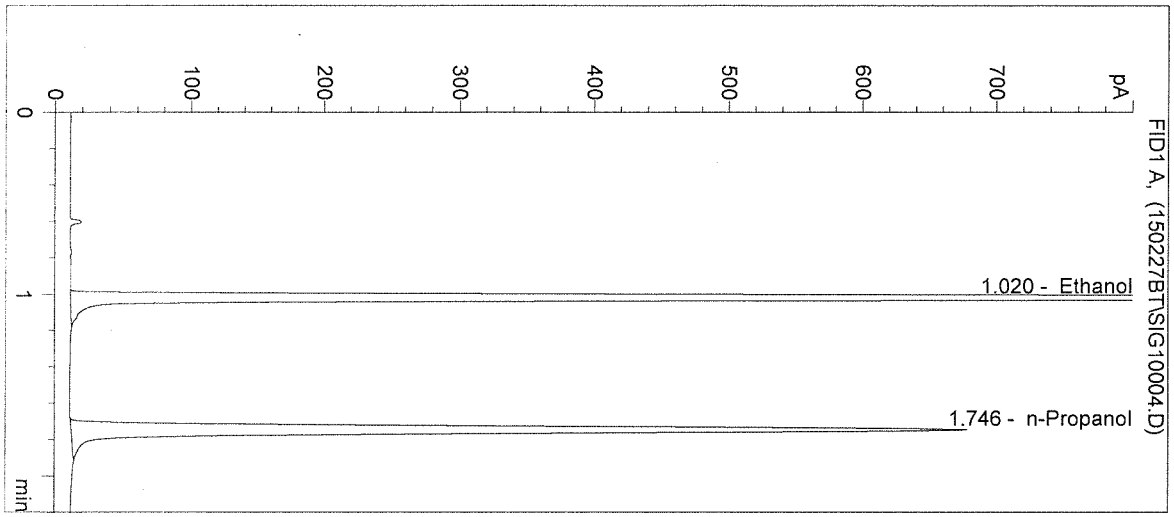
Data File: C:\HPCHEM\2\DATA\150227BT\SIG10003.D Page 1 of 1

BT

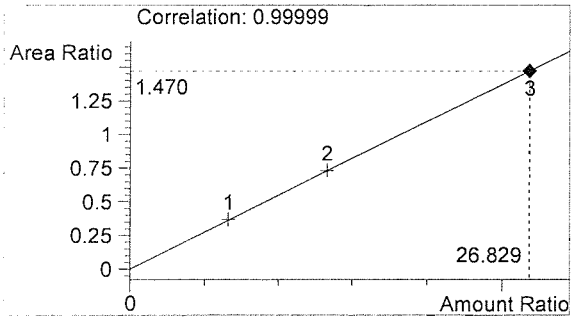
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/27/2015 10:18:11 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021

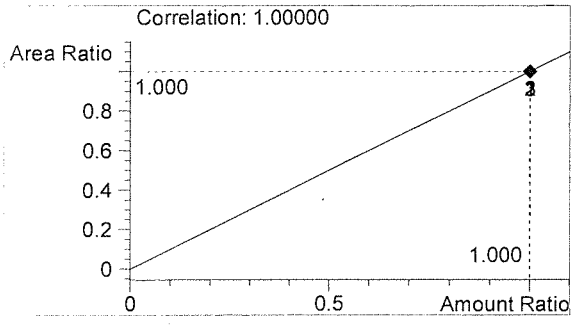
Sample Name: 0.316 CAL 3
Operator: BRITTANY THOMAS
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2614	1.020
2	n-Propanol	1779	1.746



Ethanol 0.322 g/100mL



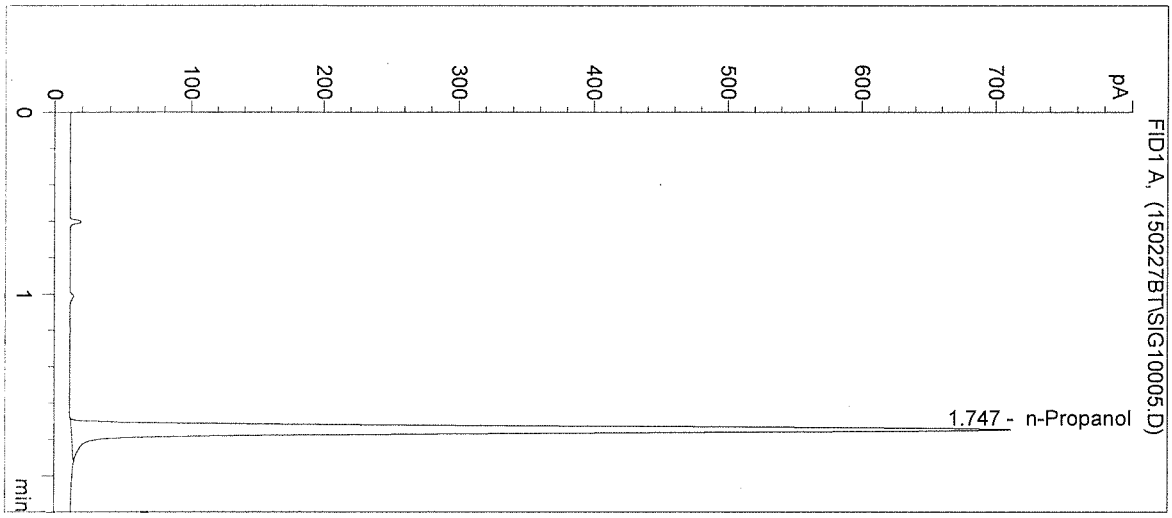
n-Propanol 0.012 g/100mL

BT

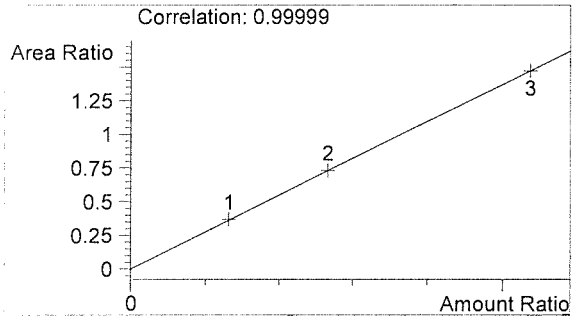
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/27/2015 10:21:25 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021

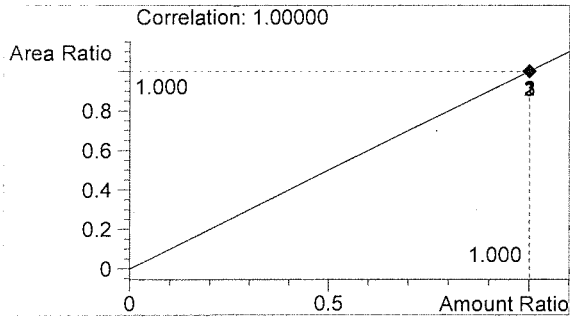
Sample Name: NEG CTRL-BT
Operator: BRITTANY THOMAS
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1877	1.747



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

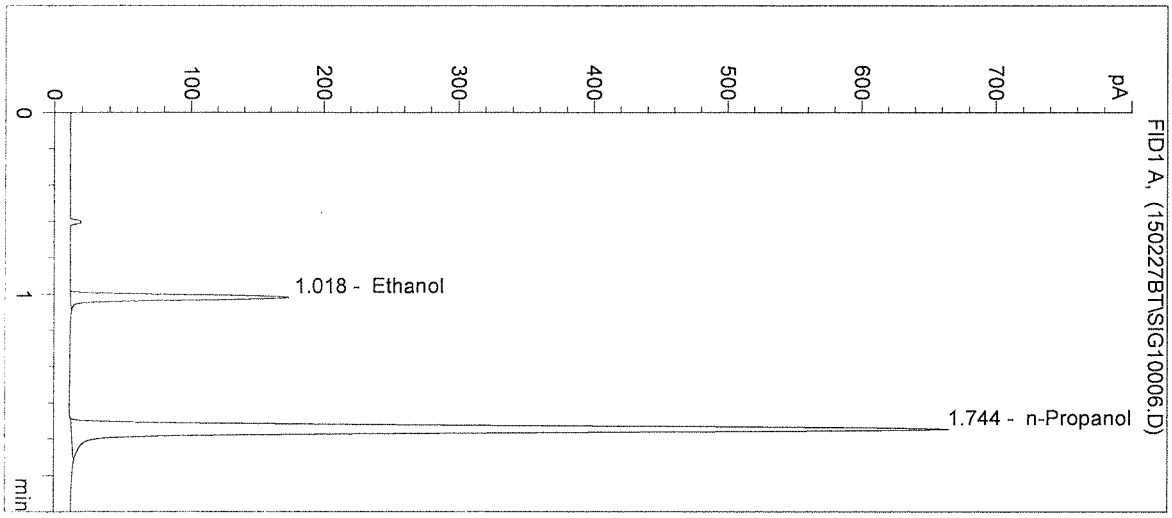
Data File: C:\HPCHEM\2\DATA\150227BT\SIG10005.D

BT

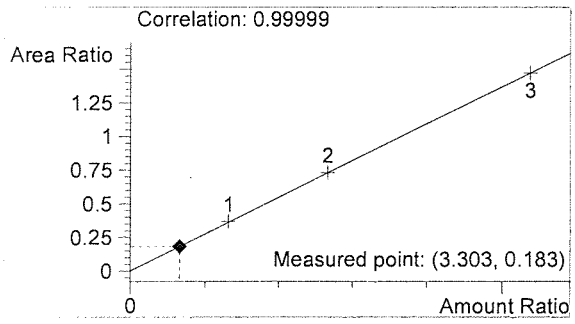
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/27/2015 10:24:38 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021

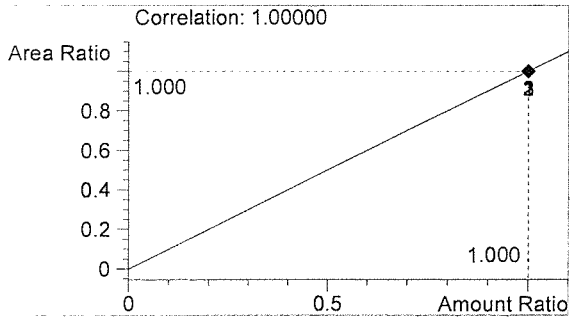
Sample Name: 0.04 CTRL-BT
Operator: BRITTANY THOMAS
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	319	1.018
2	n-Propanol	1741	1.744



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

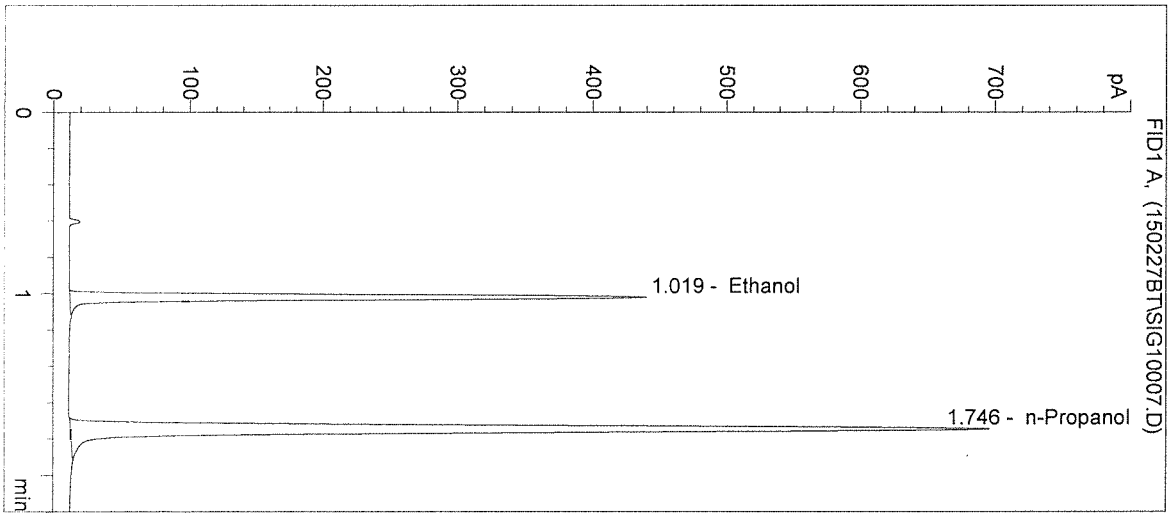
Data File: C:\HPCHEM\2\DATA\150227BT\SIG10006.D

BT

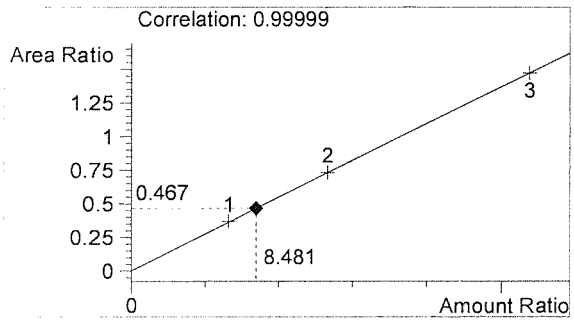
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/27/2015 10:27:51 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021

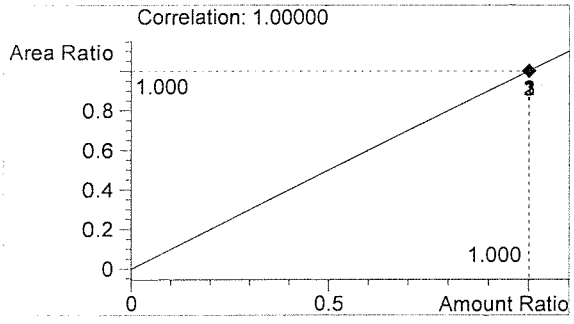
Sample Name: 0.10 CTRL-BT
Operator: BRITTANY THOMAS
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	852	1.019
2	n-Propanol	1826	1.746



Ethanol 0.102 g/100mL



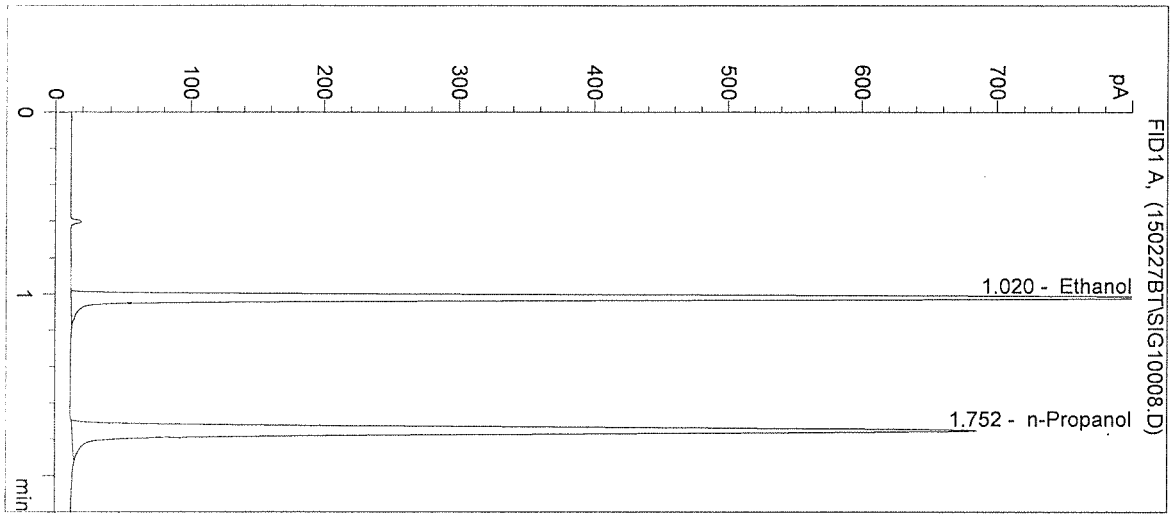
n-Propanol 0.012 g/100mL

BT

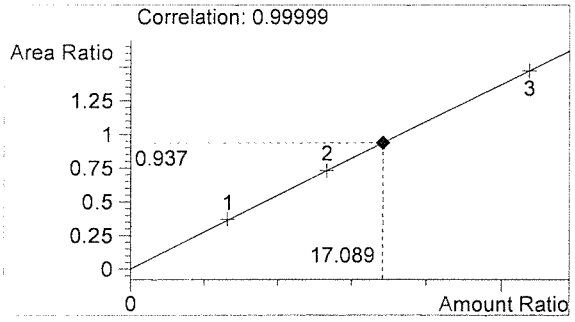
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/27/2015 10:31:04 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021

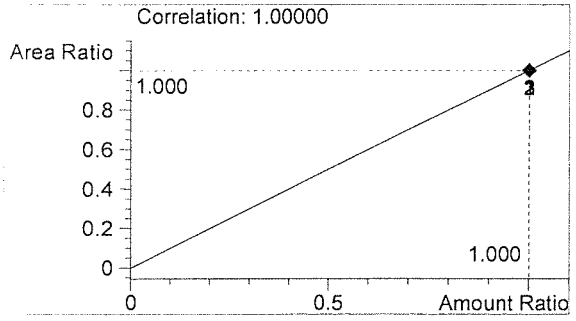
Sample Name: 0.20 CTRL-BT
Operator: BRITTANY THOMAS
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1688	1.020
2	n-Propanol	1801	1.752



Ethanol 0.205 g/100mL



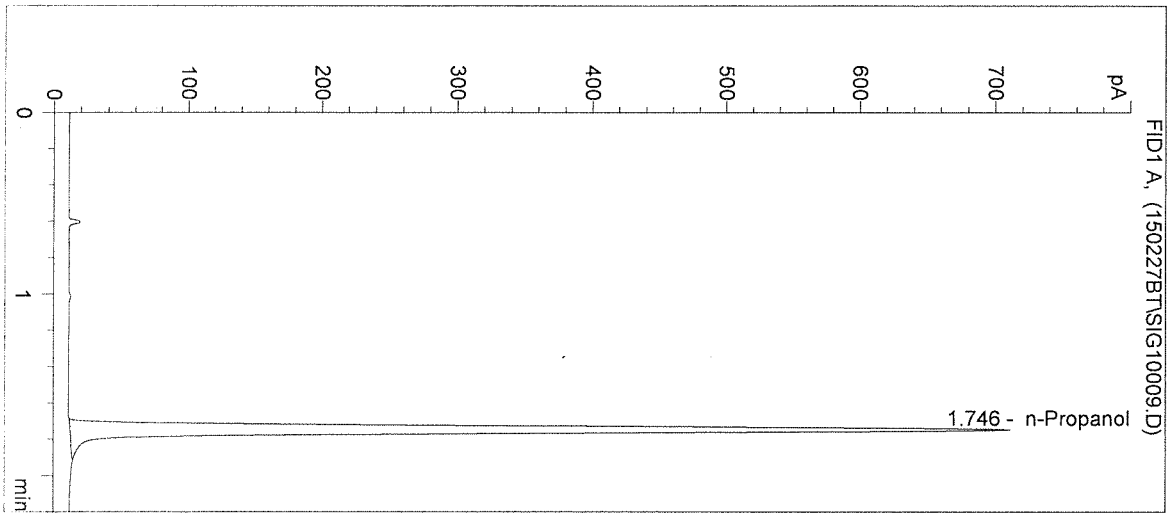
n-Propanol 0.012 g/100mL

BT

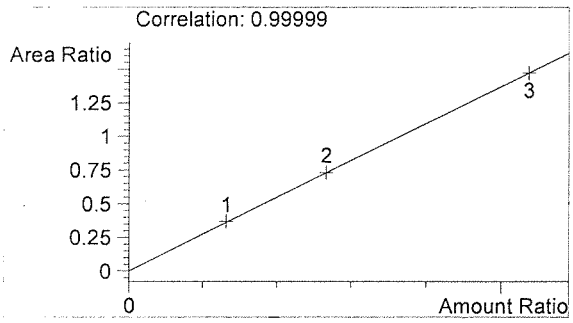
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/27/2015 10:34:18 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021

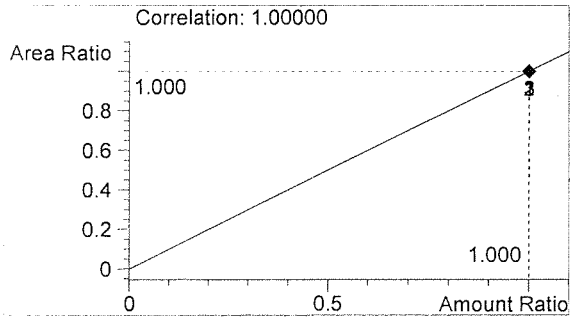
Sample Name: NEG CTRL-BT
Operator: BRITTANY THOMAS
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1868	1.746



Ethanol 0.000 g/100mL



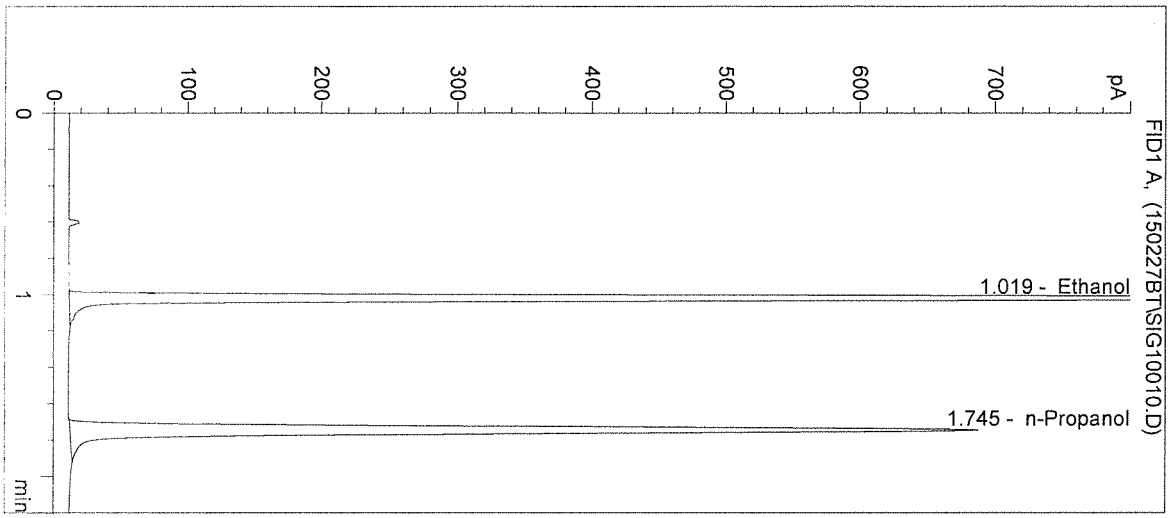
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150227BT\SIG10009.D

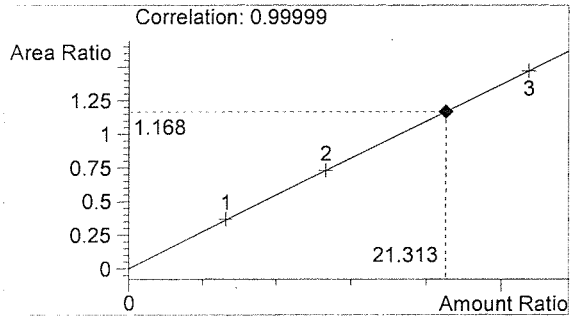
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/27/2015 10:37:31 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

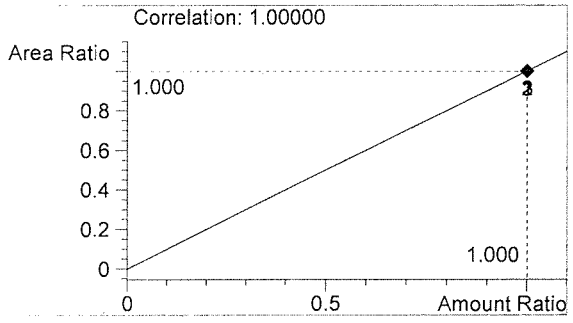
Sample Name: QAP0.20 15021 #1
Operator: BRITTANY THOMAS
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	2110	1.019
2	n-Propanol	1806	1.745



Ethanol 0.256 g/100mL

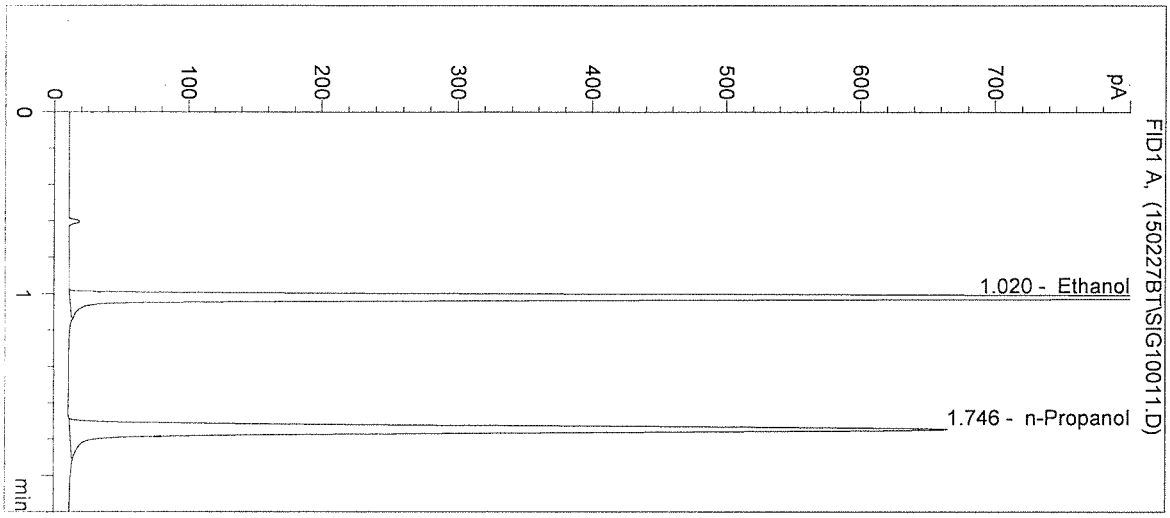


n-Propanol 0.012 g/100mL

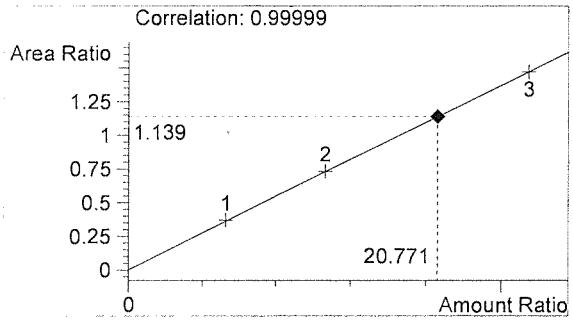
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/27/2015 10:40:44 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

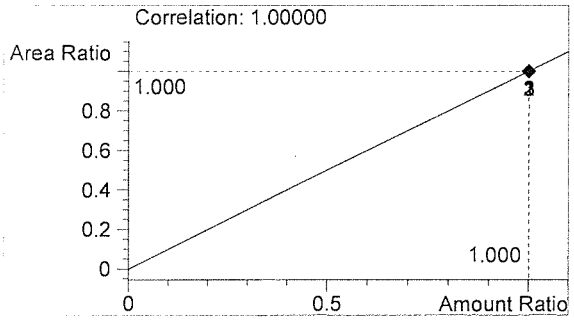
Sample Name: QAP0.20 15021 #2
Operator: BRITTANY THOMAS
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1986	1.020
2	n-Propanol	1744	1.746



Ethanol 0.249 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150227BT\SIG10011.D

Washington State Patrol Toxicology Laboratory
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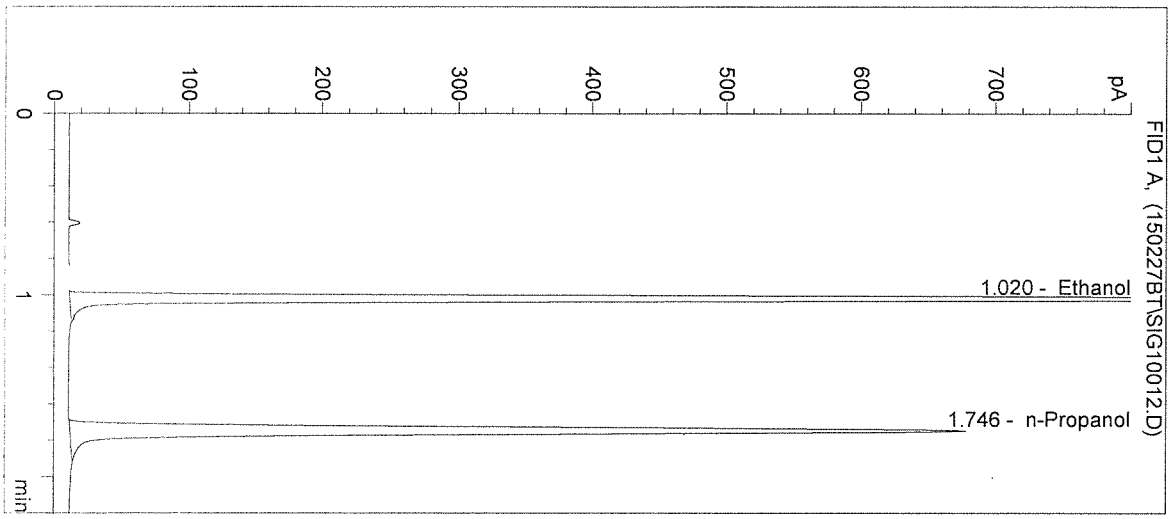
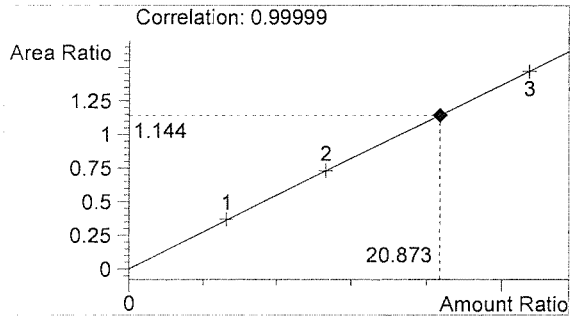
Inj. Date: 2/27/2015 10:43:58 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

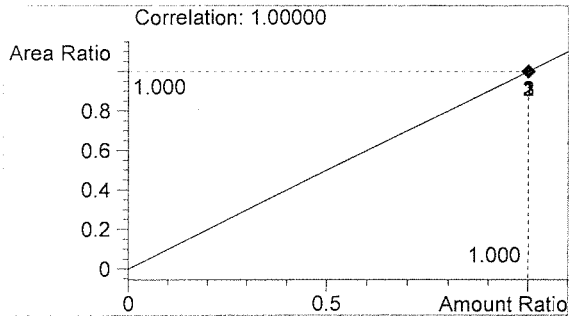
Sample Name: QAP0.20 15021 #3
Operator: BRITTANY THOMAS
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	2036	1.020
2	n-Propanol	1780	1.746



Ethanol 0.250 g/100mL



n-Propanol 0.012 g/100mL

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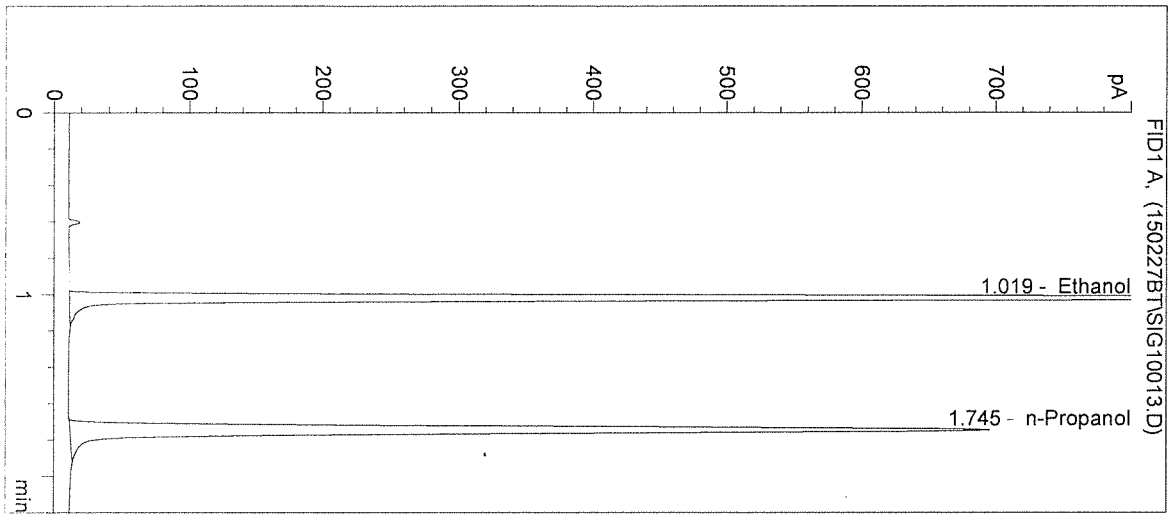
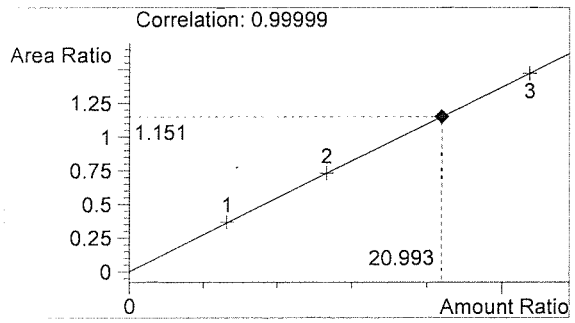
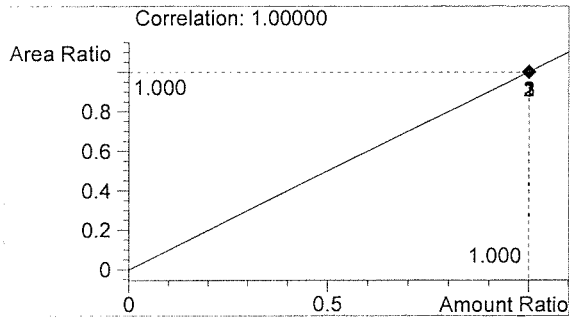
Inj. Date: 2/27/2015 10:47:11 AM Sample Name: QAP0.20 15021 #4
Instrument: HSGC#3 Operator: BRITTANY THOMAS
Column: DB-ALC2 Location: Vial 13
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2100	1.019
2	n-Propanol	1825	1.745



Ethanol 0.252 g/100mL



n-Propanol 0.012 g/100mL

BT

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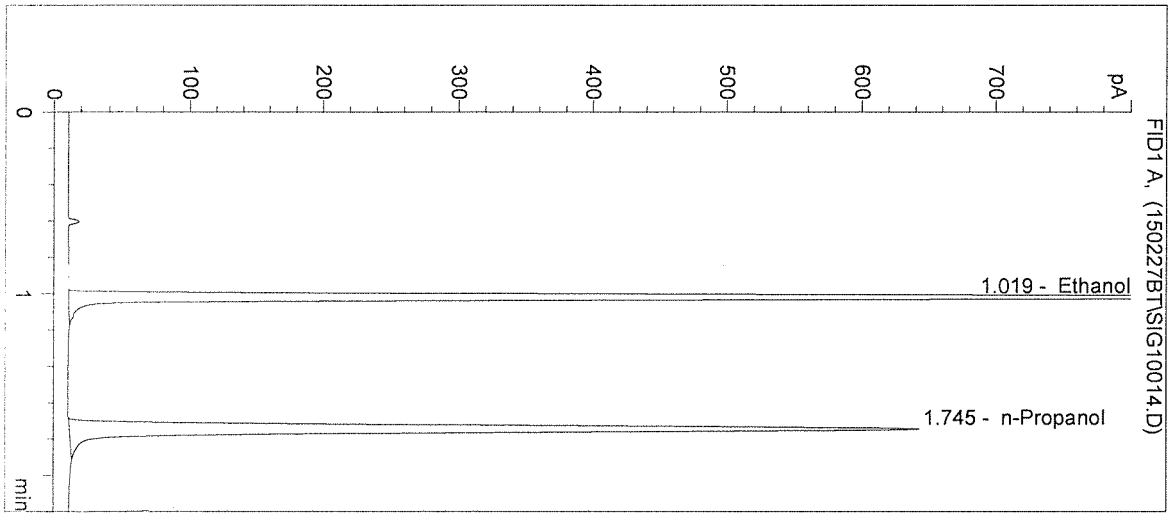
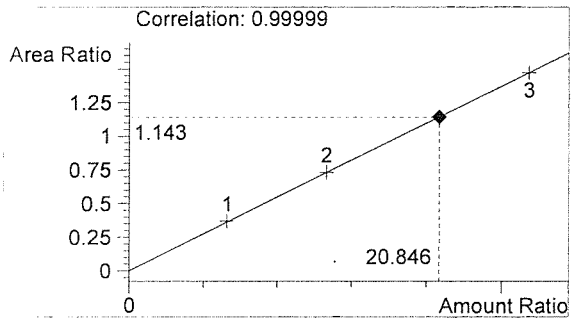
Inj. Date: 2/27/2015 10:50:24 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

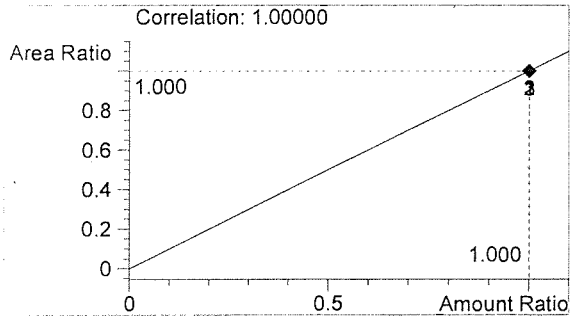
Sample Name: QAP0.20 15021 #5
Operator: BRITTANY THOMAS
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1928	1.019
2	n-Propanol	1688	1.745



Ethanol 0.250 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150227BT\SIG10014.D

BT

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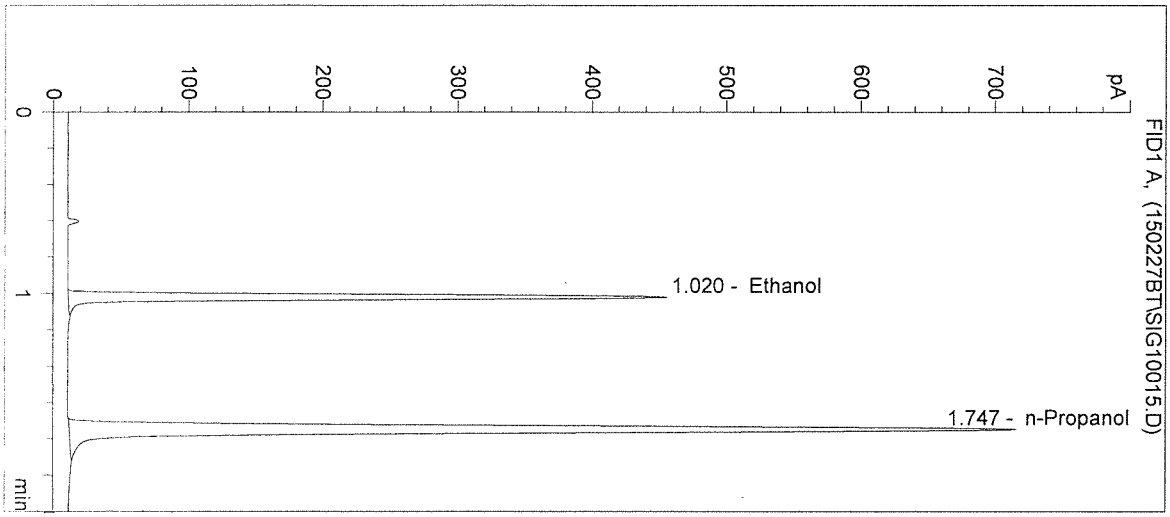
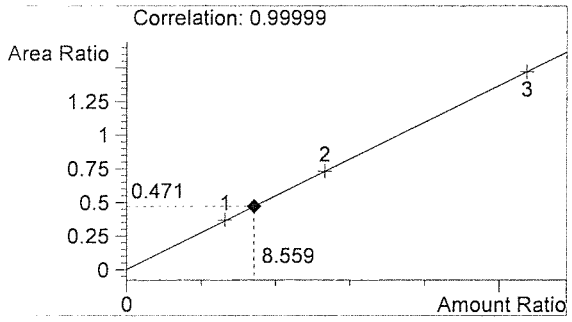
Inj. Date: 2/27/2015 10:53:37 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021

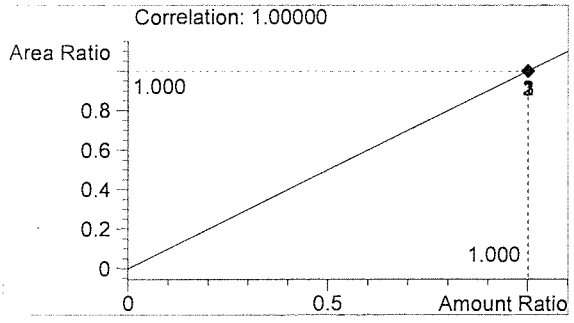
Sample Name: 0.10 CTRL-BT
Operator: BRITTANY THOMAS
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	885	1.020
2	n-Propanol	1880	1.747



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150227BT\SIG10015.D

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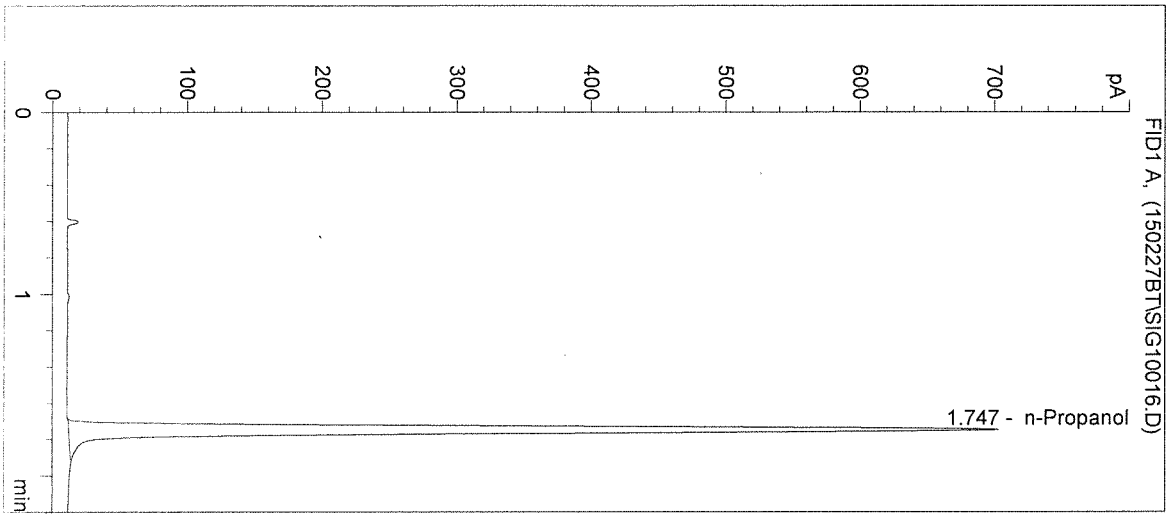
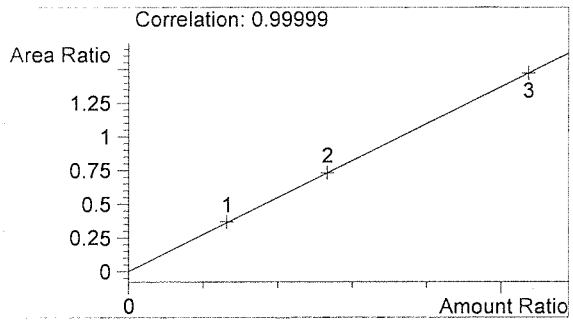
Inj. Date: 2/27/2015 10:56:51 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15021

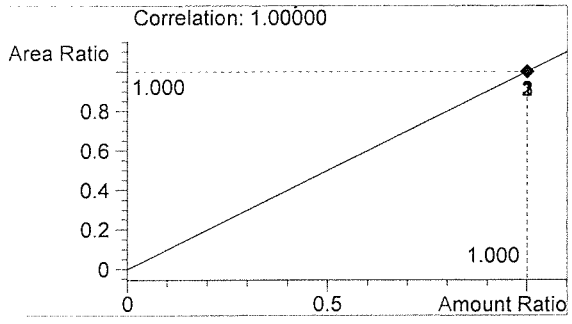
Sample Name: NEG CTRL-BT
Operator: BRITTANY THOMAS
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1851	1.747



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

BT
