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: 16031

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: 08/09/2016
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Christopher S. Johnston

	CSJ	AJL	LK	RF	CM	EW	DN	JLK
1	0.102	0.104	0.102	0.102	0.100	0.103	0.100	0.101
2	0.104	0.104	0.102	0.105	0.101	0.100	0.101	0.100
3	0.102	0.100	0.102	0.106	0.101	0.101	0.102	0.103
4	0.102	0.100	0.104	0.100	0.102	0.102	0.101	0.104
5	0.103	0.105	0.102	0.100	0.102	0.101	0.102	0.102
C	0.101	0.099	0.102	0.102	0.100	0.098	0.097	0.099

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1020 g/100mL
STANDARD DEVIATION: 0.00157
PRECISION CV (%): 1.54
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0829 g/210L**
EXPANDED UNCERTAINTY: ± 0.0044 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Lisa Noble Forensic Scientist Supervisor 9/14/16 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
CSJ	Christopher S. Johnston		08/09/2016
AJL	Asa J. Louis		08/10/2016
LK	Lyndsey Knoy		08/12/2016
RF	Rebecca Flaherty		08/12/2016
CM	Christie Mitchell-Mata		08/15/2016
EW	Elizabeth Wehner		08/15/2016
DN	David Nguyen		08/16/2016
JLK	Justin L. Knoy		08/17/2016

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 #: 16031 **Date Prepared: 8/9/2016**

Analyst:	CSJ	AJL	LK	RF	CM	EW	DN	JLK
Date Tested:	8/9/2016	8/10/2016	8/12/2016	8/12/2016	8/15/2016	8/15/2016	8/16/2016	8/17/2016
Instrument:	HSGC #3	HSGC #3	HSGC #3	HSGC #3	HSGC #3	HSGC #3	HSGC #3	HSGC #3
1	0.102	0.104	0.102	0.102	0.100	0.103	0.100	0.101
2	0.104	0.104	0.102	0.105	0.101	0.100	0.101	0.100
3	0.102	0.100	0.102	0.106	0.101	0.101	0.102	0.103
4	0.102	0.100	0.104	0.100	0.102	0.102	0.101	0.104
5	0.103	0.105	0.102	0.100	0.102	0.101	0.102	0.102
C	0.101	0.099	0.102	0.102	0.100	0.098	0.097	0.099

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0002365954	0.0003373992	0.0001016326

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

Average Solution Concentration: 0.1020 g/100mL
Standard Deviation: 0.00157 g/100mL
Precision CV (%): 1.54
Equivalent Vapor Concentration: 0.0829 g/210L
Combined Standard Uncertainty (±): 0.0022 g/210L
Expanded Uncertainty (±): 0.0044 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble — Name; Signature; 8/31/16 — Date

Calculations verified by: Amanda M. Black — Name; Signature; 9-6-2016 — Date

Method: Hand calculation

Technical review of batch file performed by:

Lisa Noble — Name; Signature; 8/31/16 — Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 9-6-16

Location: WSP- FLSB Seattle, WA **Solution Batch Number:** 16031

	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:** 9-6-16

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

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

Please initial and date below to affirm that you have:

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

	Initials	Date
Amanda Chandler		
Andrew Gingras		
Asa Louis	AL	20160831
Brittany Thomas		
Christie Mitchell-Mata	CM	9/1/16
Christopher Johnston	CJ	8/31/16
David Nguyen	DN	9/1/16
Dawn Sklerov		
Elizabeth Wehner	EW	09/01/16
Justin Knoy	JK	8.31.16
Katie Harris		
Lyndsey Lowe (Knoy)	LL	9.1.16
Naziha Nuwayhid		
Rebecca Flaherty	RF	8/31/16

Batch # 16031 fm 8/31/16

fm

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 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 16031

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

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

I possess the following qualifications: BS degree in Biochemistry.

The external standard solution (ESS), Lot Number 16031, was prepared in the Washington State Toxicology Laboratory on 8/9/2016. 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 8/9/2017.

Seattle, WA

Chris J [illegible] 8/31/16

Christopher S. Johnston 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 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 16031

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 16031, was prepared in the Washington State Toxicology Laboratory on 8/9/2016. 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 8/9/2017.

Seattle, WA

2016 8 31

Asa J. Louis — 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 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 16031

I, Lyndsey 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 Chemistry.

The external standard solution (ESS), Lot Number 16031, was prepared in the Washington State Toxicology Laboratory on 8/9/2016. 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 8/9/2017.

Seattle, WA

Lyndsey Knoy 9·1·16

Lyndsey Knoy — 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 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 16031

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

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

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

The external standard solution (ESS), Lot Number 16031, was prepared in the Washington State Toxicology Laboratory on 8/9/2016. 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 8/9/2017.

Seattle, WA

8/31/16

Rebecca Flaherty — 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 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 16031

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

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

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

The external standard solution (ESS), Lot Number 16031, was prepared in the Washington State Toxicology Laboratory on 8/9/2016. 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 8/9/2017.

Seattle, WA

Christie Mitchell-Mata 9/1/2016

Christie Mitchell-Mata 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 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 16031

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 16031, was prepared in the Washington State Toxicology Laboratory on 8/9/2016. 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 8/9/2017.

Seattle, WA

Elizabeth Wehner 09/01/14

Elizabeth Wehner 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 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 16031

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 16031, was prepared in the Washington State Toxicology Laboratory on 8/9/2016. 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 8/9/2017.

Seattle, WA

David Nguyen — 9/1/16
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 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 16031

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 16031, was prepared in the Washington State Toxicology Laboratory on 8/9/2016. 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 8/9/2017.

Seattle, WA

8.31.16

Justin L. Knoy — 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: 8/9/2016 Expiration Date: 8/9/2017 Initials of Preparer: CJ

Lot # of 200-proof Ethanol used in preparation: 2DK0010

Date the 200-proof Ethanol bottle was opened: 8/8/2016

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	☑	16031

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 8/9/2016 (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

8/9/2016 (Date)

Sequence: C:\HPCHEM\2\SEQUENCE\CJESS3.S

Sequence Parameters:

Operator:	Chris Johnston
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Signal 1 Counter:	0001
Signal 2 Prefix:	SIG2
Signal 2 Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	160809CJ
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: E0415-01 - Exp. 10/01/16
CAL 2: 0.158 g/100mL - Lot: E0415-02 - Exp. 10/01/16
CAL 3: 0.316 g/100mL - Lot: E0415-03 - Exp. 10/01/16

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#: P0715 Exp. 10/22/16

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	16031 #1	SIMALC3	1	Sample		
11	Vial 11	16031 #2	SIMALC3	1	Sample		
12	Vial 12	16031 #3	SIMALC3	1	Sample		
13	Vial 13	16031 #4	SIMALC3	1	Sample		
14	Vial 14	16031 #5	SIMALC3	1	Sample		
15	Vial 15	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

16031
fns 8/31/16

Calibration Part:

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

Sequence: C:\HPCHEM\2\SEQUENCE\CJESS3.S

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

Sequence Table (Back Injector):

No entries - empty table!

16031

8/31/16

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

Calibration Table

Calib. Data Modified : Tuesday, August 09, 2016 1:23:24 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
1.023	1 1	7.91100e-2	597.75195	1.32346e-4	1		Ethanol
	2	1.59090e-1	1198.42603	1.32749e-4			
	3	3.15200e-1	2361.09155	1.33498e-4			
1.746	1 1	1.20000e-2	1786.51367	6.71699e-6		I1	n-Propanol
	2	1.20000e-2	1808.98389	6.63356e-6			
	3	1.20000e-2	1761.30542	6.81313e-6			

Peak Sum Table

No Entries in table

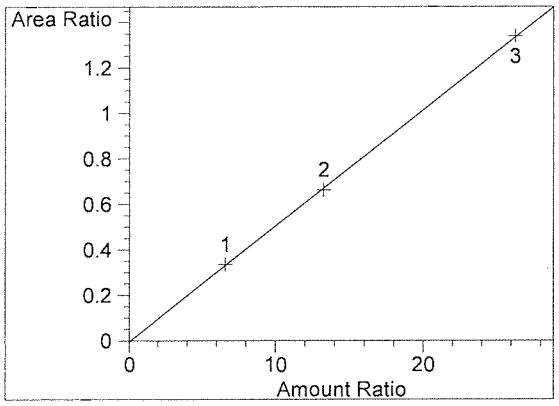
16031

8/31/16

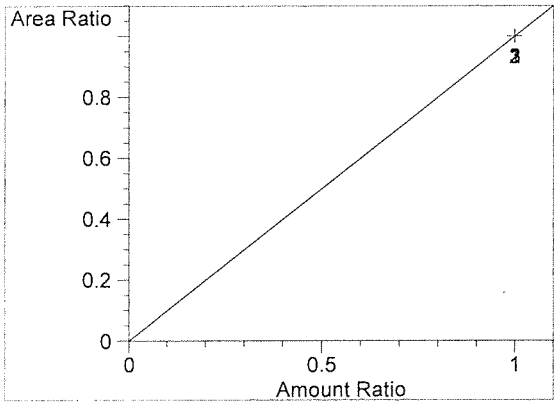
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.023
FID1 A,
Correlation: 0.99993
Residual Std. Dev.: 0.00832
Formula: y = mx + b
m: 5.09953e-2
b: -3.53016e-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

==========

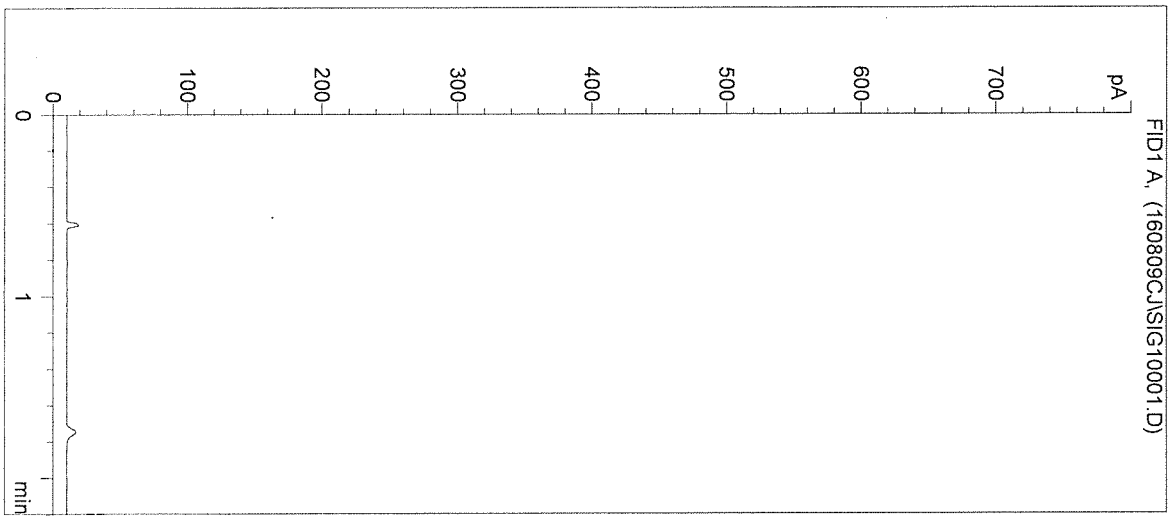
16031

Jn 8/31/16

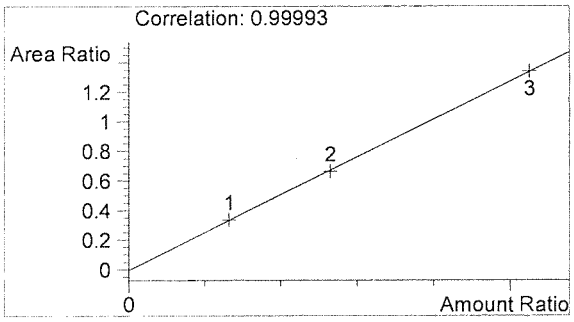
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/9/2016 1:11:18 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

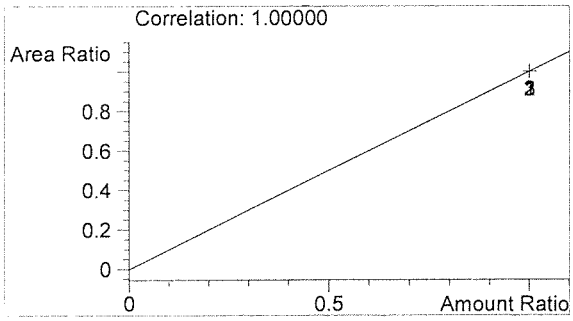


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

16031



n-Propanol 0.000 g/100mL

8/13/16

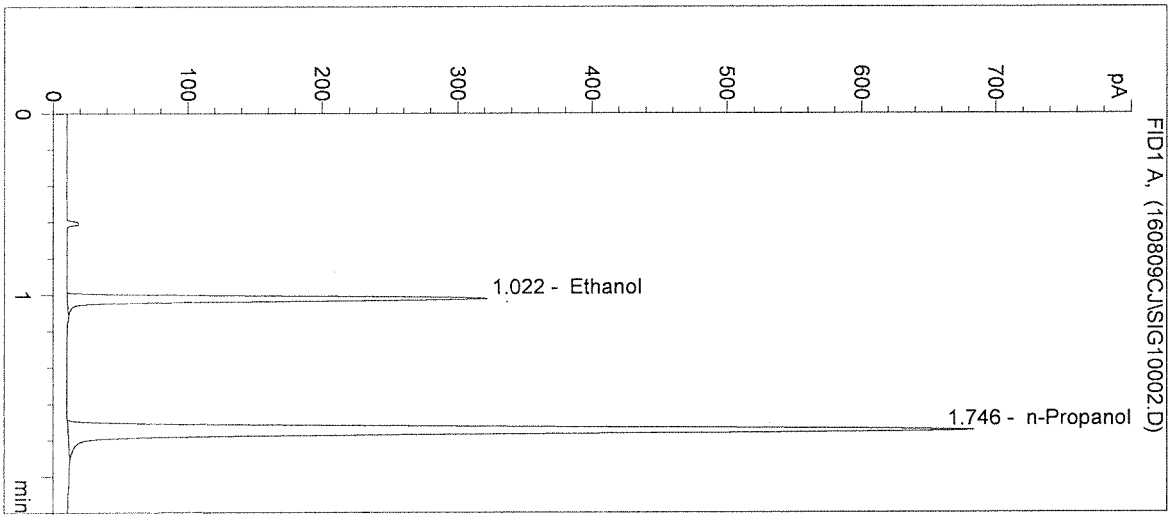
Data File: C:\HPCHEM\2\DATA\160809CJ\SIG10001.D

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

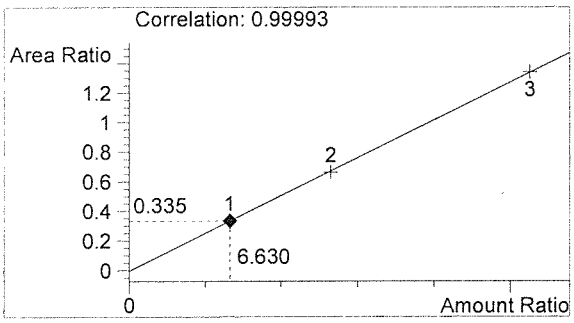
Inj. Date: 8/9/2016 1:14:37 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 1: 0.079 g/100mL

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

->



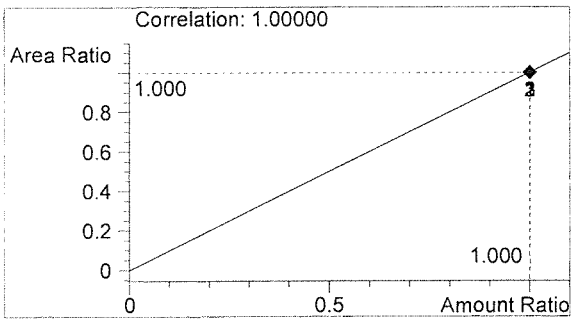
#	Compound	Peak Area	RT (min)
1	Ethanol	598	1.022
2	n-Propanol	1787	1.746



Ethanol 0.080 g/100mL

16031

8/13/16



n-Propanol 0.012 g/100mL

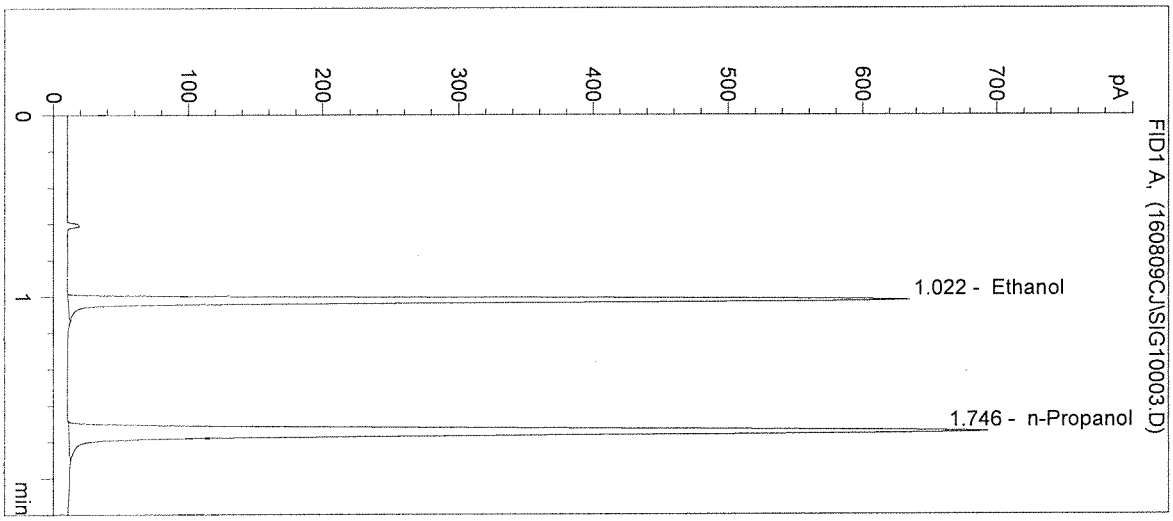
W

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

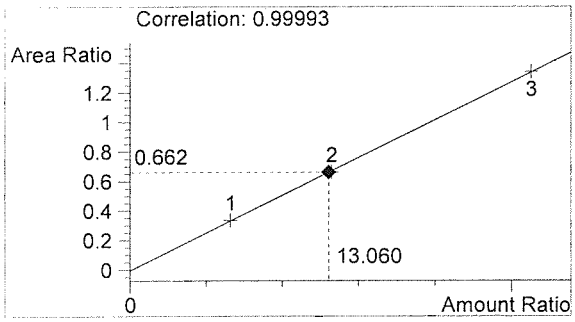
Inj. Date: 8/9/2016 1:17:54 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 2: 0.158 g/100mL

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

->

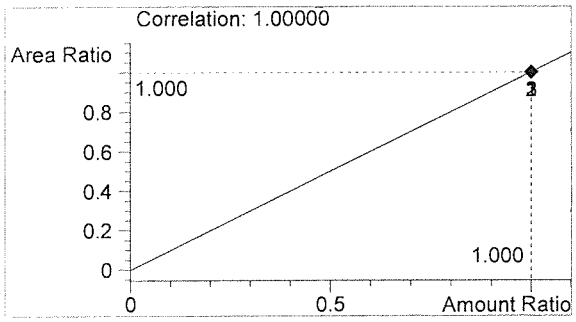


#	Compound	Peak Area	RT (min)
1	Ethanol	1198	1.022
2	n-Propanol	1809	1.746



Ethanol 0.157 g/100mL

16031



n-Propanol 0.012 g/100mL

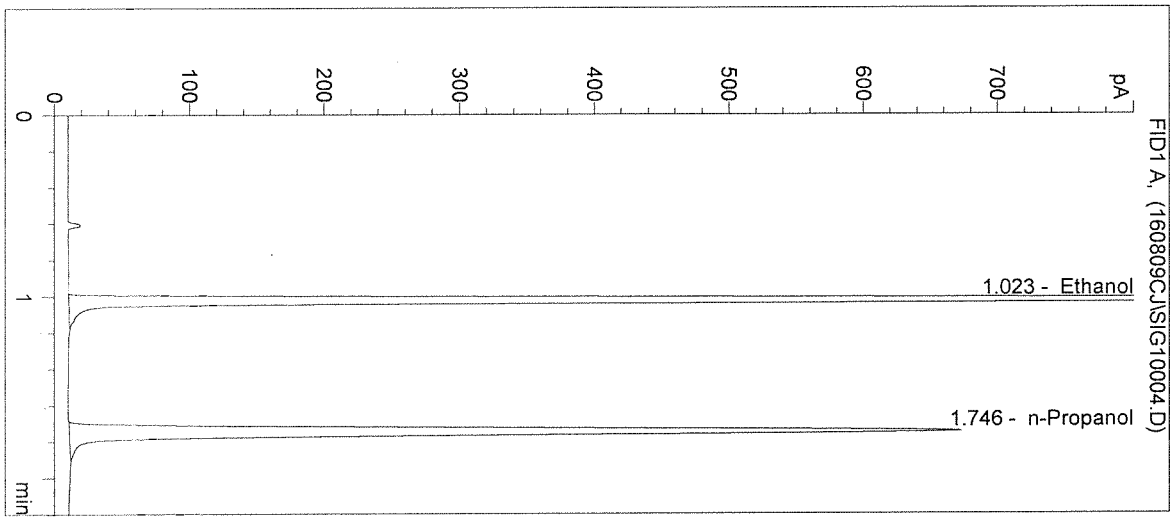
Data File: C:\HPCHEM\2\DATA\160809CJ\SIG10003.D

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

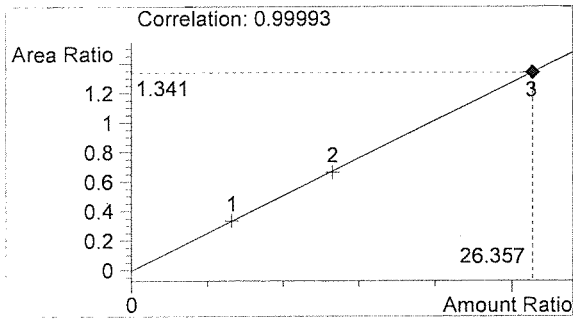
Inj. Date: 8/9/2016 1:21:11 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 3: 0.316 g/100mL

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

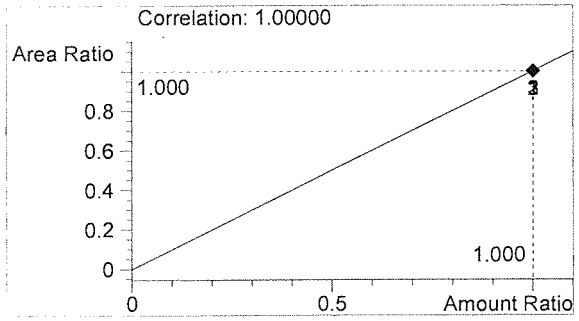
->



#	Compound	Peak Area	RT (min)
1	Ethanol	2361	1.023
2	n-Propanol	1761	1.746



Ethanol 0.316 g/100mL



n-Propanol 0.012 g/100mL

1 6 0 3 1

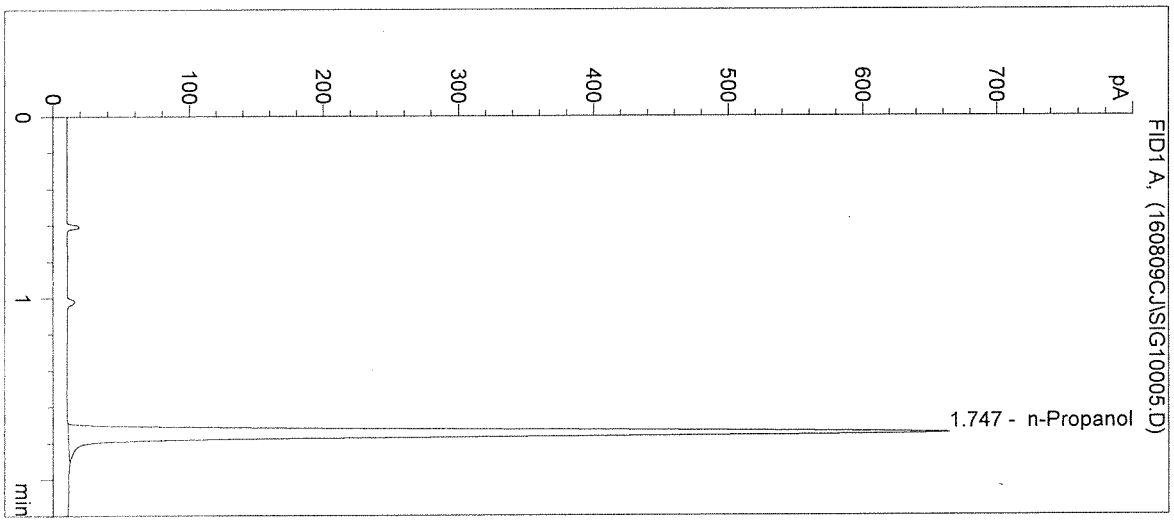
8/13/16

Data File: C:\HPCHEM\2\DATA\160809CJ\SIG10004.D

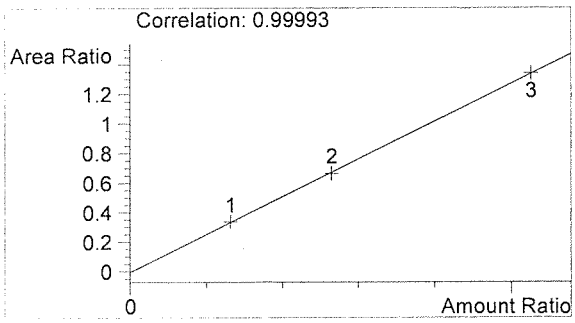
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/9/2016 1:24:25 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

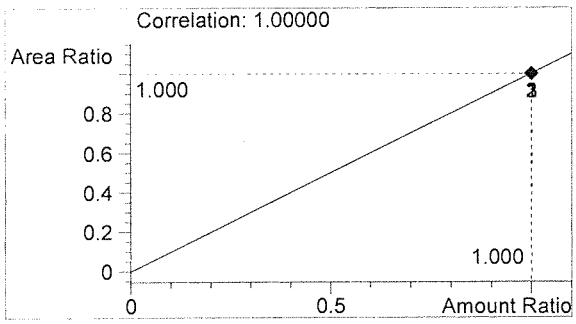
Sample Name: NEG CTRL
Operator: Chris Johnston
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1741	1.747



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

16031

8/31/16

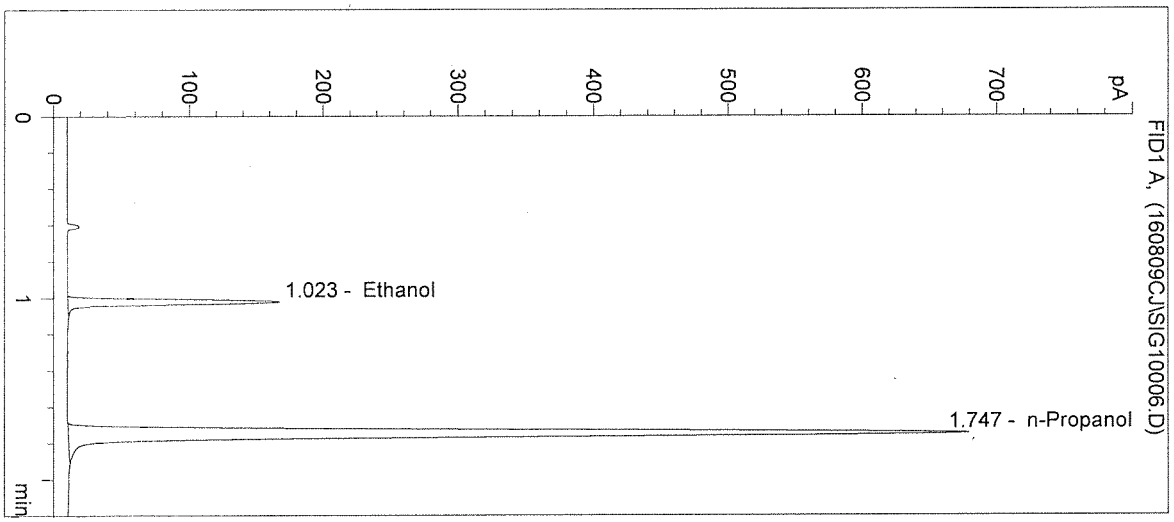
Data File: C:\HPCHEM\2\DATA\160809CJ\SIG10005.D

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

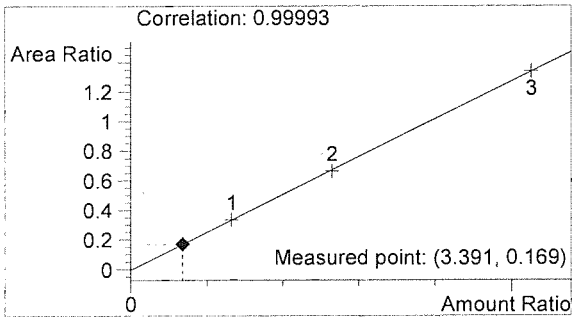
Inj. Date: 8/9/2016 1:27:38 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 1: 0.04 g/100mL

Sample Name: CTRL 1 (0.04)
Operator: Chris Johnston
Location: Vial 6

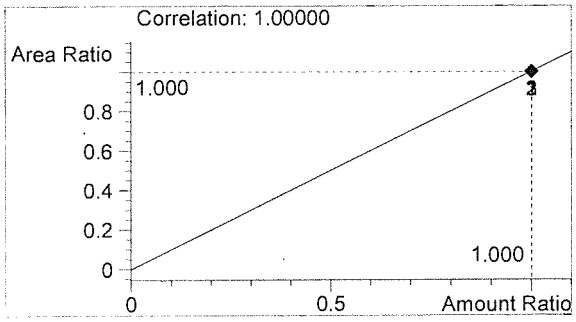
->



#	Compound	Peak Area	RT (min)
1	Ethanol	301	1.023
2	n-Propanol	1777	1.747



Ethanol 0.041 g/100mL



n-Propanol 0.012 g/100mL

16031

8/31/16

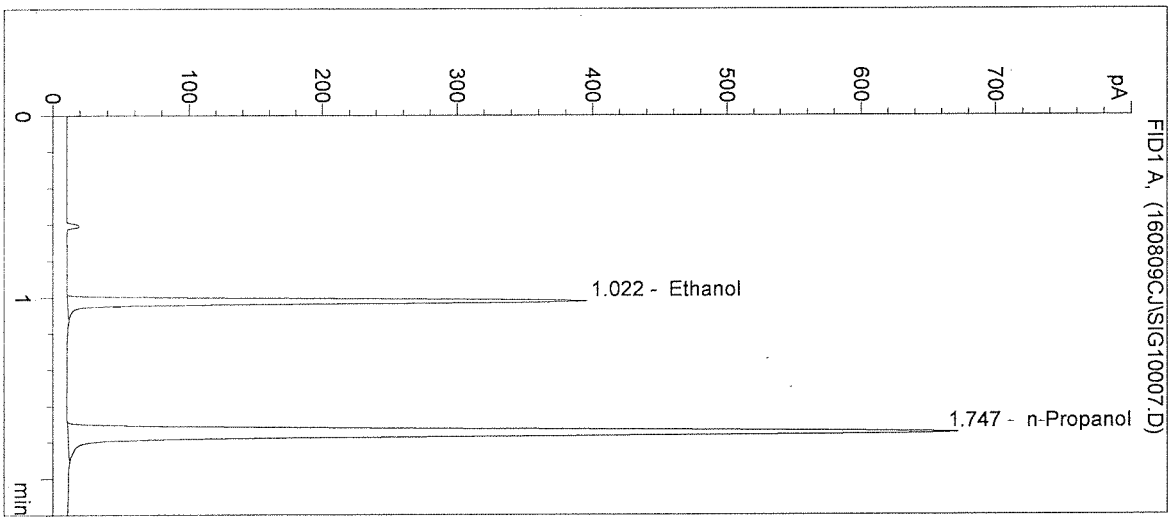
Data File: C:\HPCHEM\2\DATA\160809CJ\SIG10006.D

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

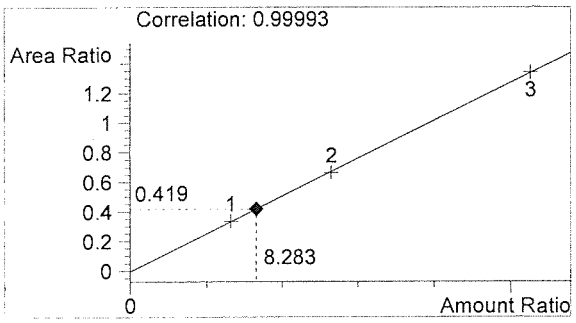
Inj. Date: 8/9/2016 1:30:51 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 2: 0.10 g/100mL

Sample Name: CTRL 2 (0.10)
Operator: Chris Johnston
Location: Vial 7

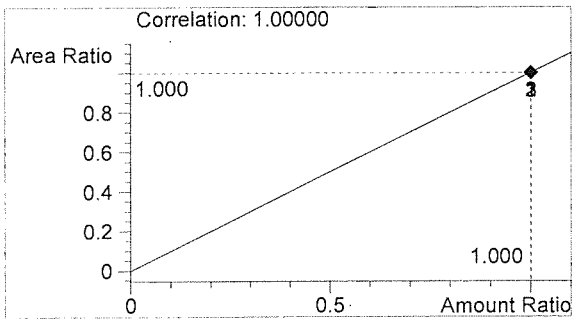
->



#	Compound	Peak Area	RT (min)
1	Ethanol	737	1.022
2	n-Propanol	1761	1.747



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

16031

fn 8/31/16

Data File: C:\HPCHEM\2\DATA\160809CJ\SIG10007.D

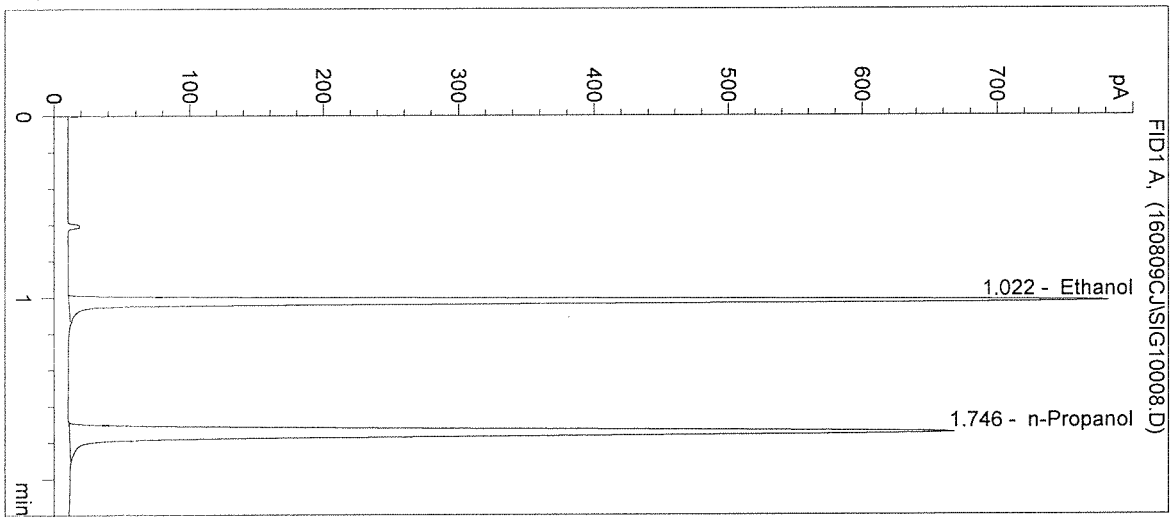
W

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

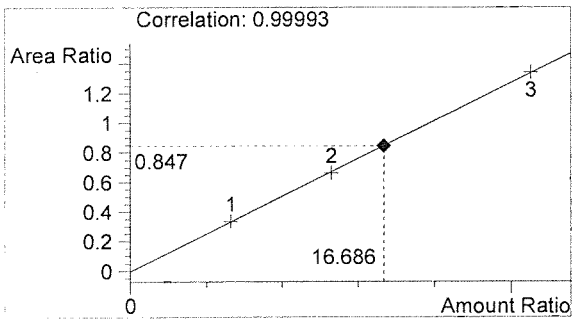
Inj. Date: 8/9/2016 1:34:04 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 3: 0.20 g/100mL

Sample Name: CTRL 3 (0.20)
Operator: Chris Johnston
Location: Vial 8

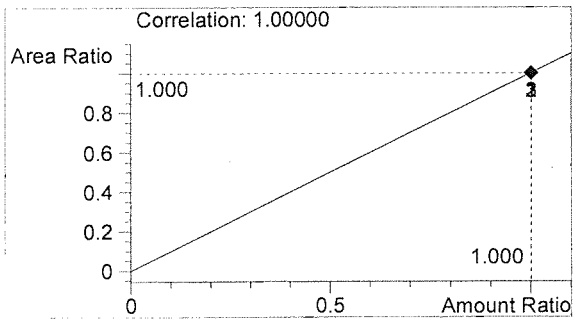
->



#	Compound	Peak Area	RT (min)
1	Ethanol	1477	1.022
2	n-Propanol	1743	1.746



Ethanol 0.200 g/100mL



n-Propanol 0.012 g/100mL

16031

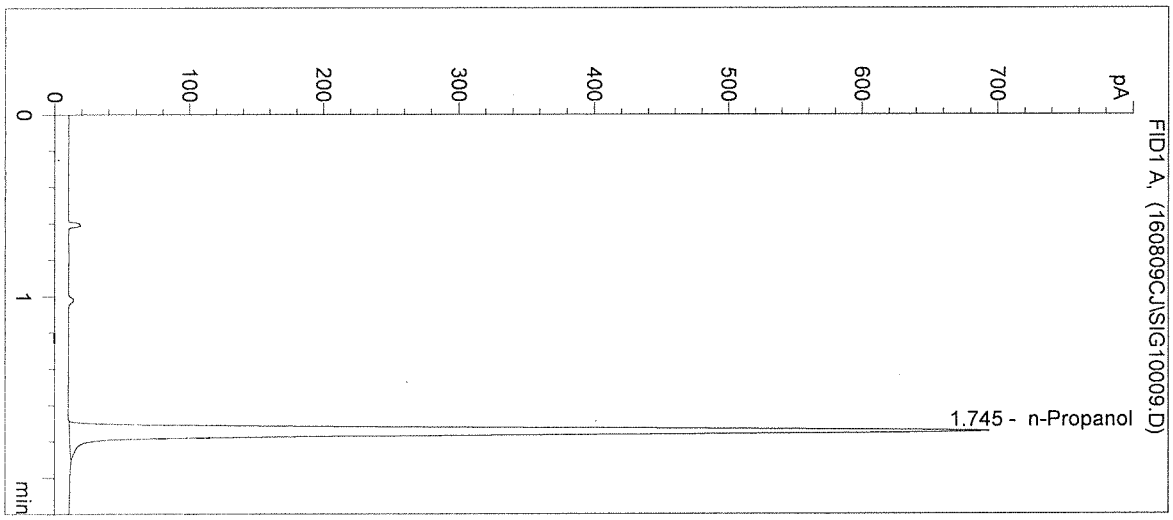
fng 8/31/16

Data File: C:\HPCHEM\2\DATA\160809CJ\SIG10008.D

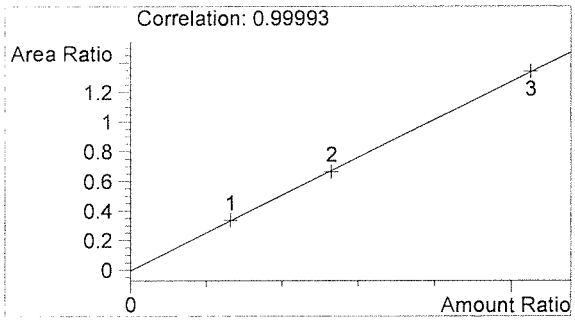
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/9/2016 1:37:18 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

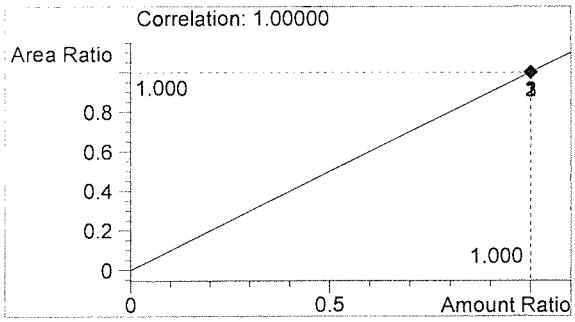
Sample Name: NEG CTRL
Operator: Chris Johnston
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1816	1.745



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

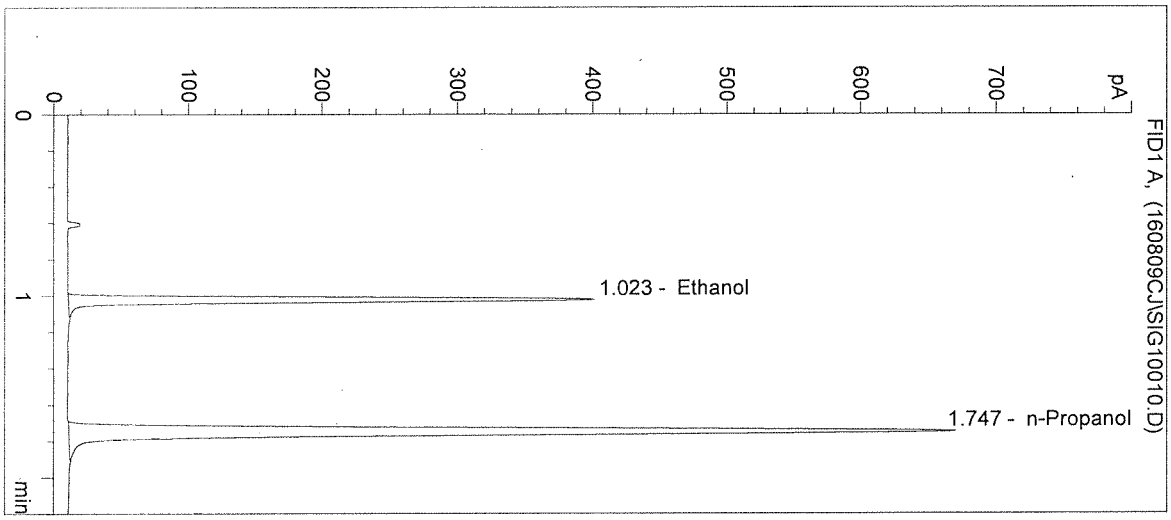
16031

Data File: C:\HPCHEM\2\DATA\160809CJ\SIG10009.D

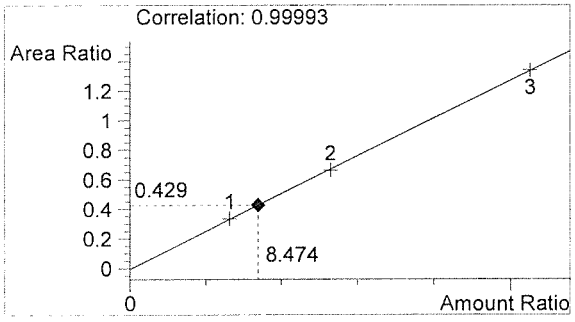
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/9/2016 1:40:31 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

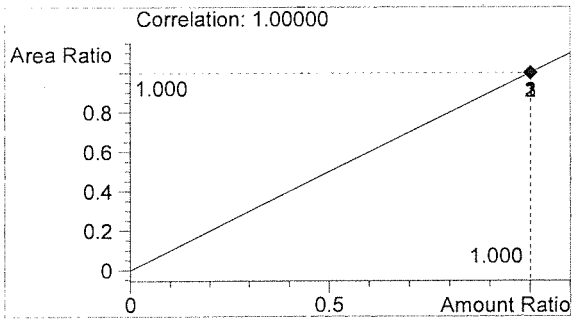
Sample Name: 16031 #1
Operator: Chris Johnston
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	753	1.023
2	n-Propanol	1756	1.747



Ethanol 0.102 g/100mL



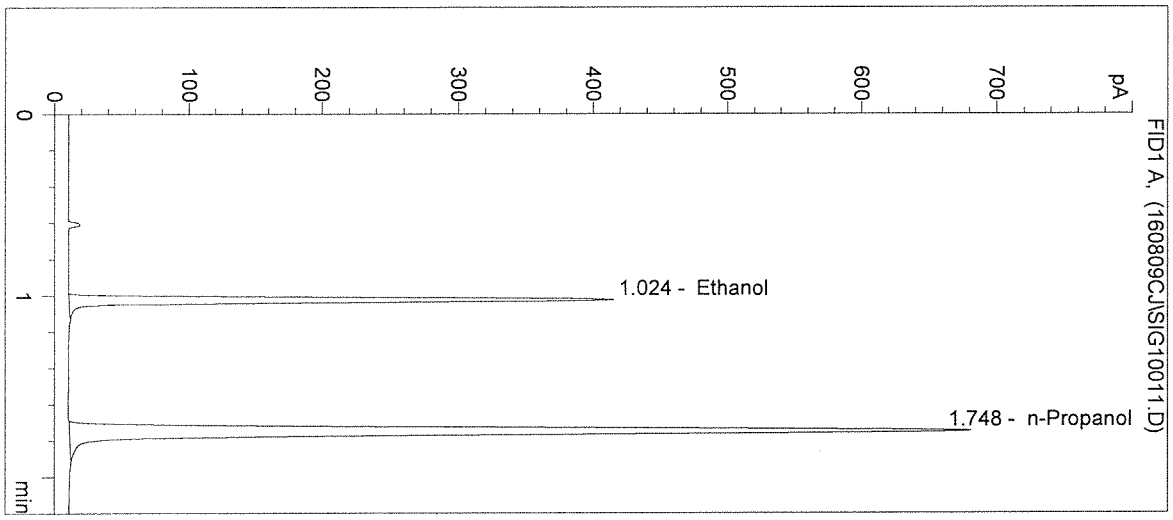
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\160809CJ\SIG10010.D

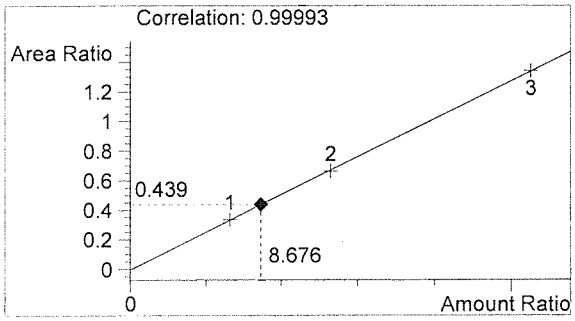
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/9/2016 1:43:44 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

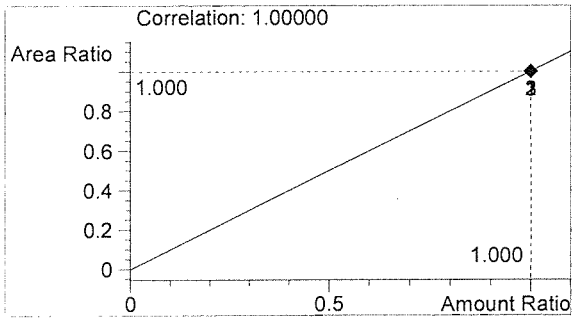
Sample Name: 16031 #2
Operator: Chris Johnston
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	782	1.024
2	n-Propanol	1781	1.748



Ethanol 0.104 g/100mL



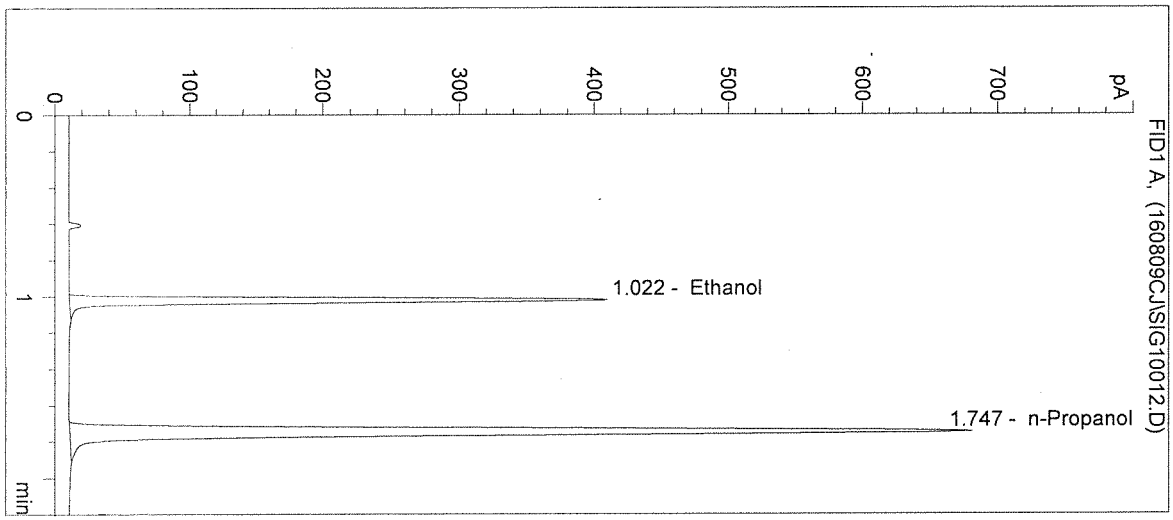
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\160809CJ\SIG10011.D

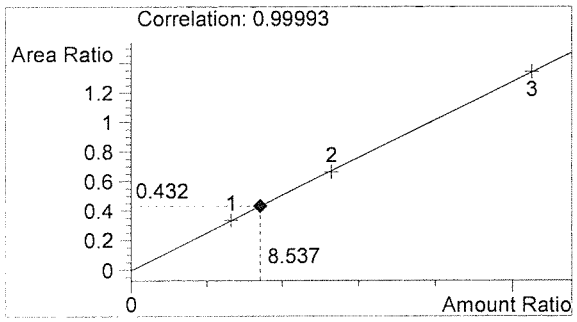
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/9/2016 1:46:58 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

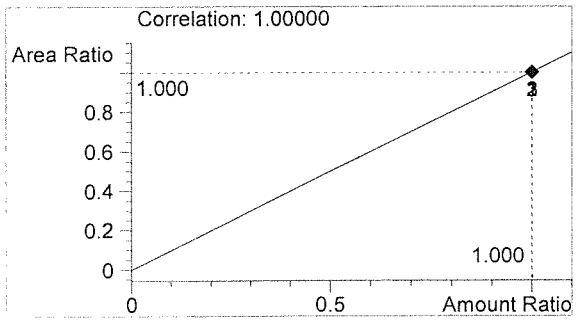
Sample Name: 16031 #3
Operator: Chris Johnston
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	770	1.022
2	n-Propanol	1784	1.747



Ethanol 0.102 g/100mL

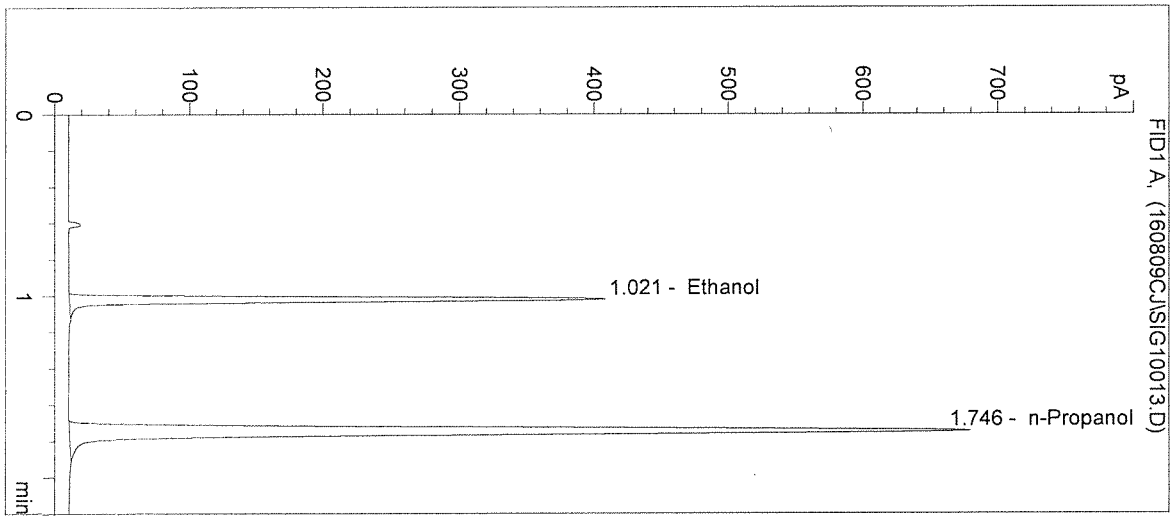


n-Propanol 0.012 g/100mL

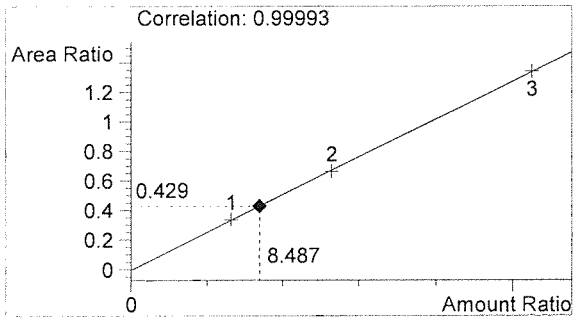
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/9/2016 1:50:11 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

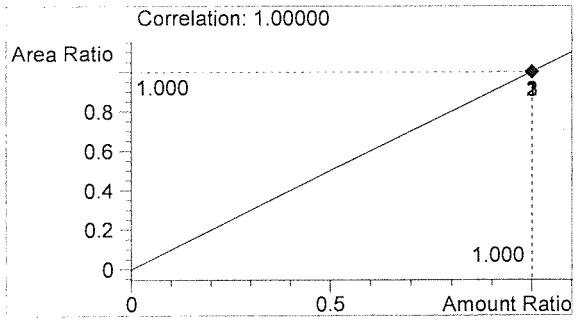
Sample Name: 16031 #4
Operator: Chris Johnston
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	764	1.021
2	n-Propanol	1779	1.746



Ethanol 0.102 g/100mL



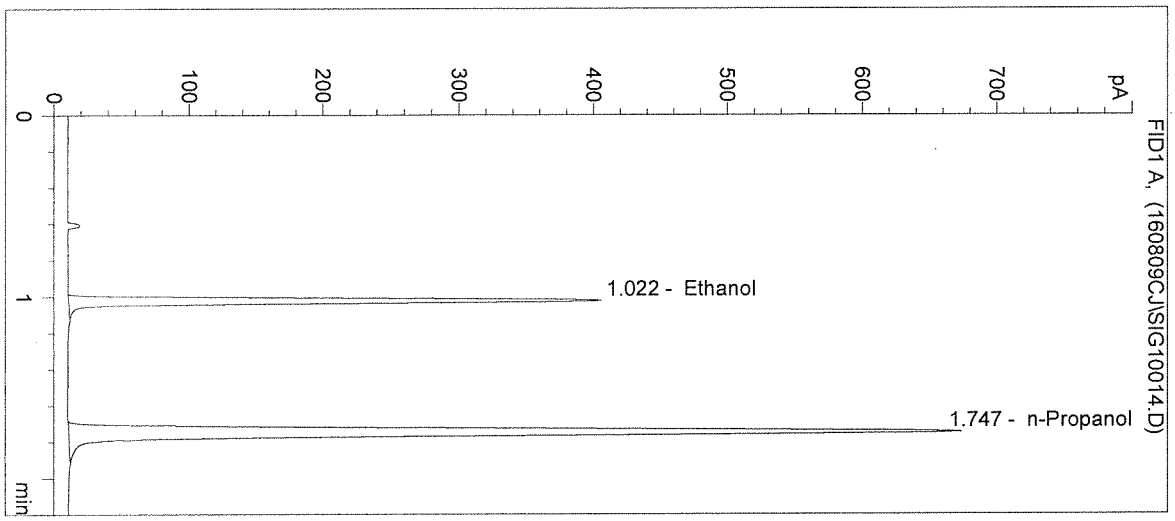
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\160809CJ\SIG10013.D

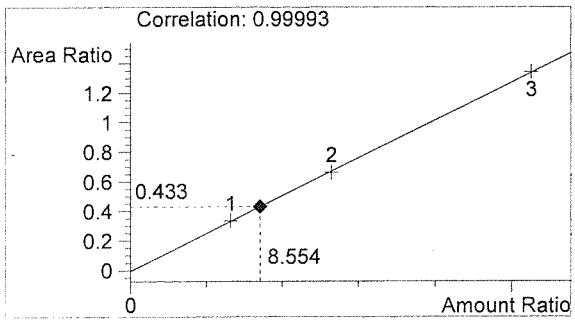
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/9/2016 1:53:24 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

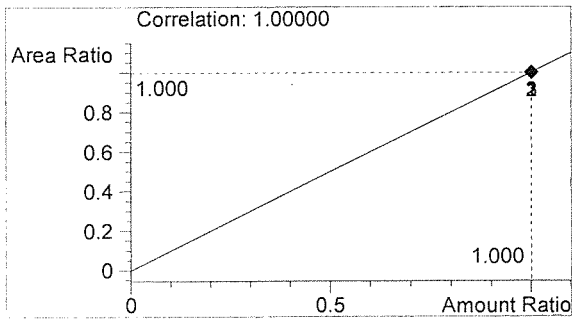
Sample Name: 16031 #5
Operator: Chris Johnston
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	766	1.022
2	n-Propanol	1770	1.747



Ethanol 0.103 g/100mL



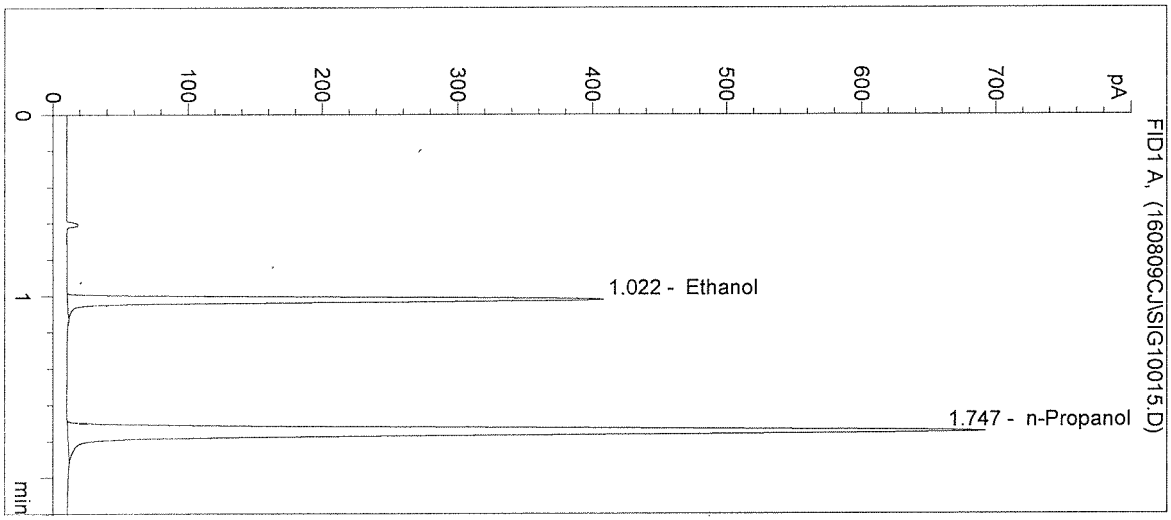
n-Propanol 0.012 g/100mL

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

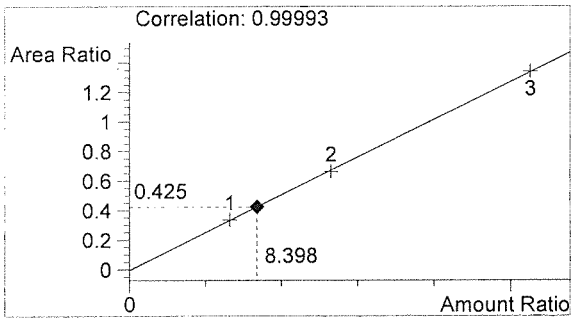
Inj. Date: 8/9/2016 1:56:37 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: POS CTRL: 0.10 g/100mL

Sample Name: POS CTRL (0.10)
Operator: Chris Johnston
Location: Vial 15

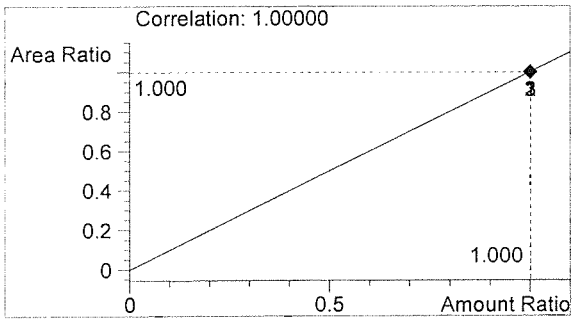
->



#	Compound	Peak Area	RT (min)
1	Ethanol	769	1.022
2	n-Propanol	1812	1.747



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

16031

Jn 8/31/16

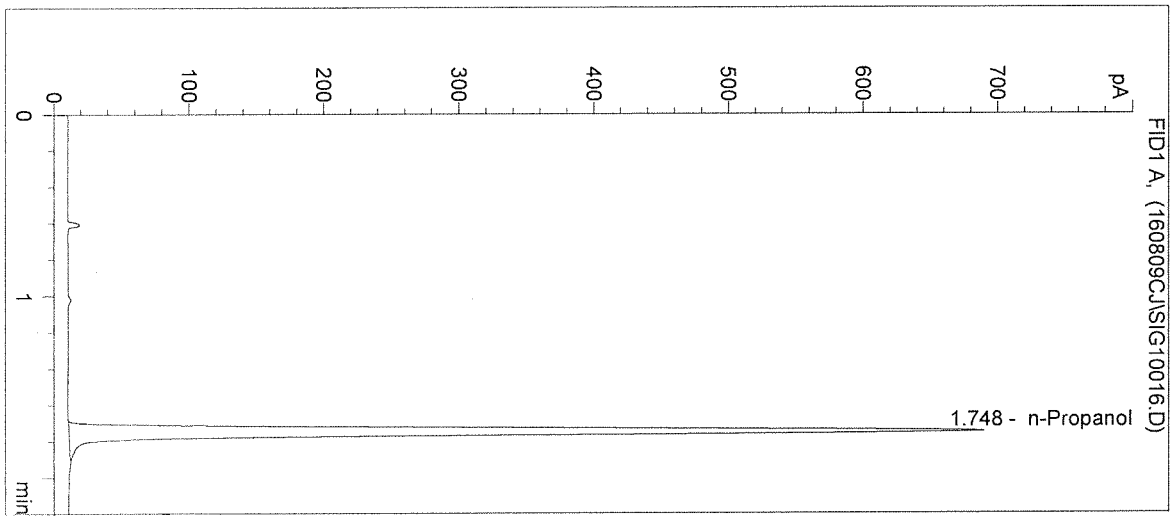
W

Data File: C:\HPCHEM\2\DATA\160809CJ\SIG10015.D

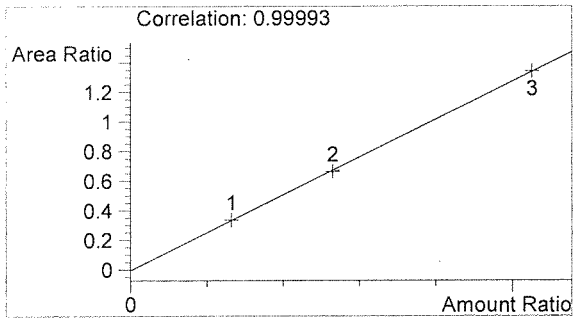
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/9/2016 1:59:51 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

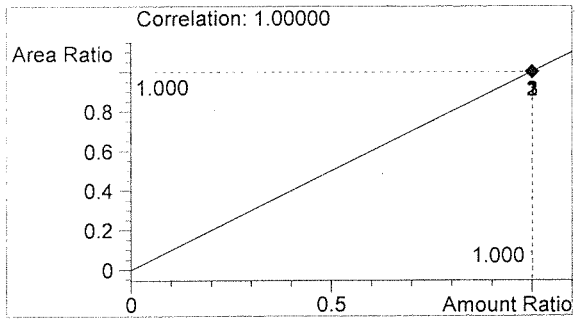
Sample Name: NEG CTRL
Operator: Chris Johnston
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1808	1.748



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

16031

8/13/16

W

Data File: C:\HPCHEM\2\DATA\160809CJ\SIG10016.D

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

Sequence Parameters:

Operator:	asa louis
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	160810AL
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:

0.079 cal 1 e0416-01 exp 10/01/2016
0.158 cal 2 e0416-02 exp 10/01/2016
0.316 cal 3 e0416-03 exp 10/01/2016
0.04 control fn05011301 exp 05/2018
0.10 control fn08051301 exp 10/2018
0.20 control fn03211401 exp 06/2019

istd p0716 exp 10/22/2016

calibration in batch 16030

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC3	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC3	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC3	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC3	1	Calib		
5	Vial 5	neg control - al	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 ctrl - al	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 ctrl - al	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 ctrl - al	SIMALC3	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC3	1	Ctrl Samp		
10	Vial 10	16030 #1	SIMALC3	1	Sample		
11	Vial 11	16030 #2	SIMALC3	1	Sample		
12	Vial 12	16030 #3	SIMALC3	1	Sample		
13	Vial 13	16030 #4	SIMALC3	1	Sample		
14	Vial 14	16030 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC3	1	Ctrl Samp		
16	Vial 16	neg control - al	SIMALC3	1	Ctrl Samp		
17	Vial 17	16031 #1	SIMALC3	1	Sample		
18	Vial 18	16031 #2	SIMALC3	1	Sample		
19	Vial 19	16031 #3	SIMALC3	1	Sample		
20	Vial 20	16031 #4	SIMALC3	1	Sample		
21	Vial 21	16031 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 ctrl al	SIMALC3	1	Ctrl Samp		
23	Vial 23	neg control - al	SIMALC3	1	Ctrl Samp		

16031
fn 8/31/16

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

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

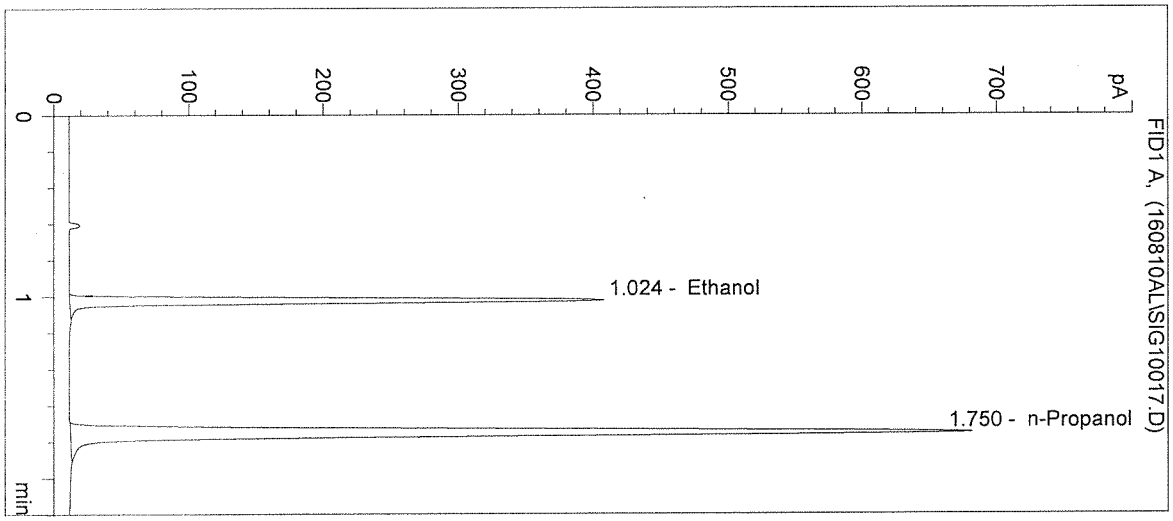
16031

Jw 8/31/16

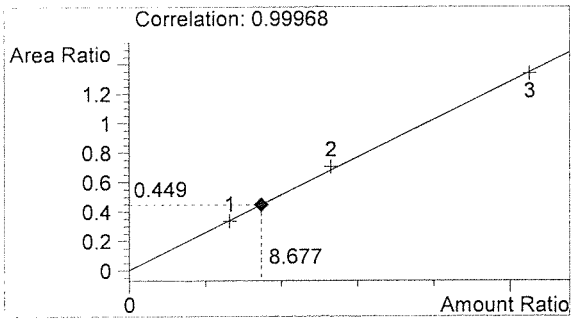
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/10/2016 10:23:08 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

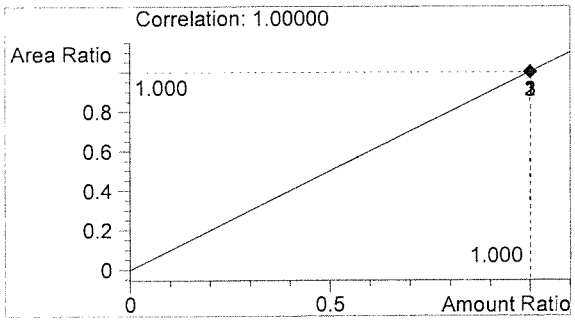
Sample Name: 16031 #1
Operator: asa louis
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	806	1.024
2	n-Propanol	1797	1.750



Ethanol 0.104 g/100mL

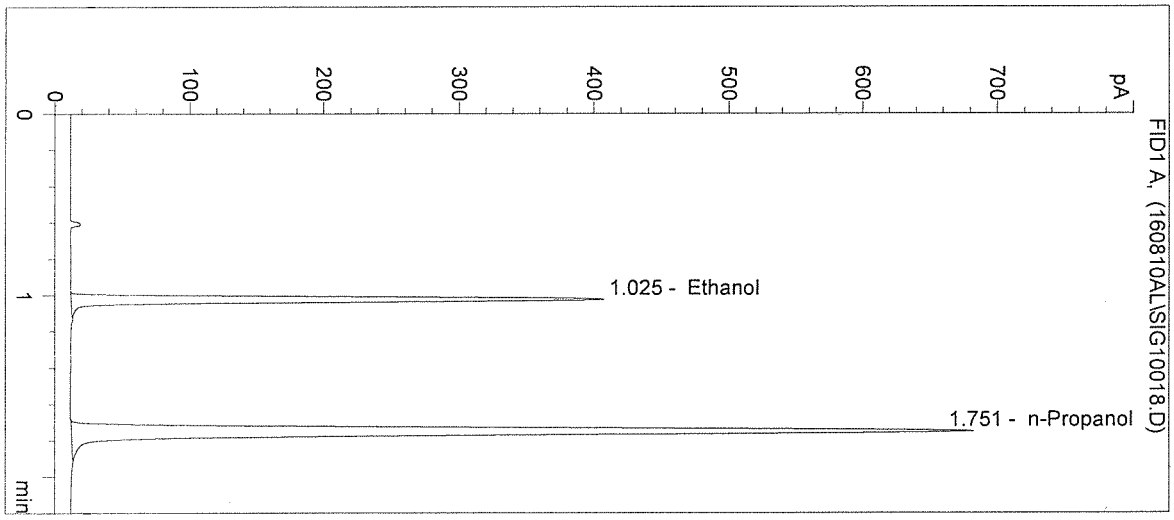


n-Propanol 0.012 g/100mL

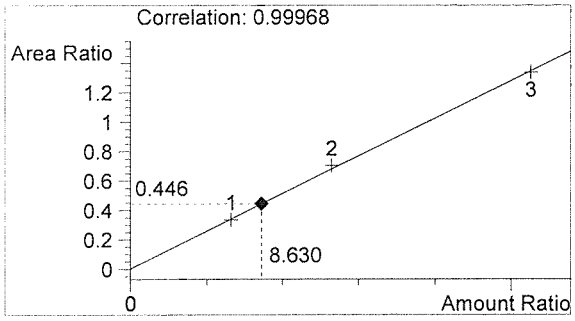
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/10/2016 10:26:22 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

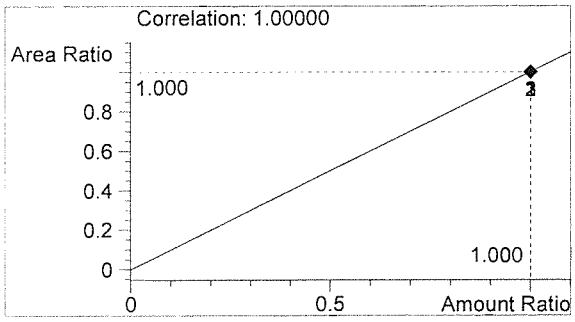
Sample Name: 16031 #2
Operator: asa louis
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	802	1.025
2	n-Propanol	1797	1.751



Ethanol 0.104 g/100mL

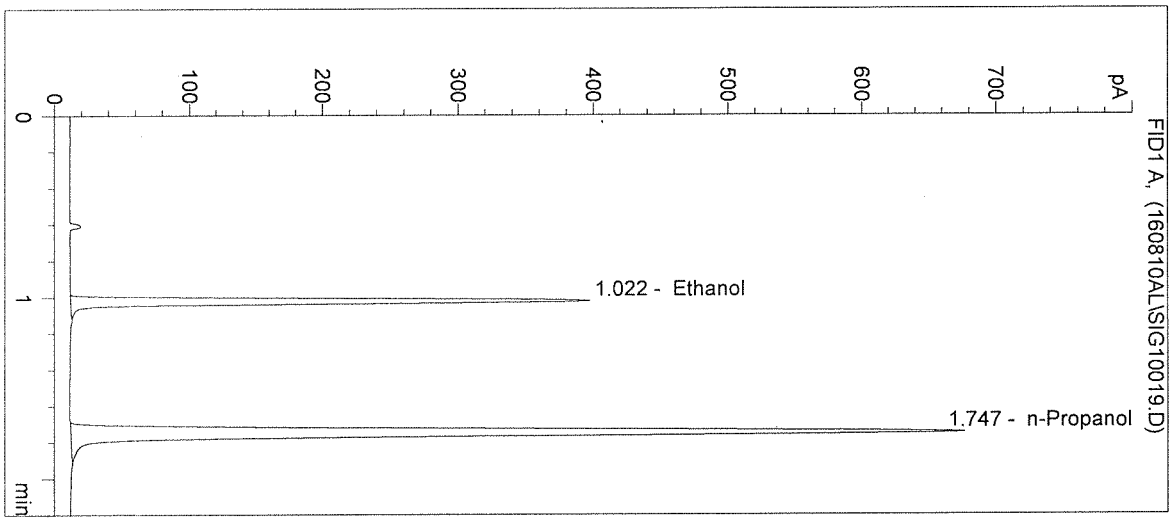


n-Propanol 0.012 g/100mL

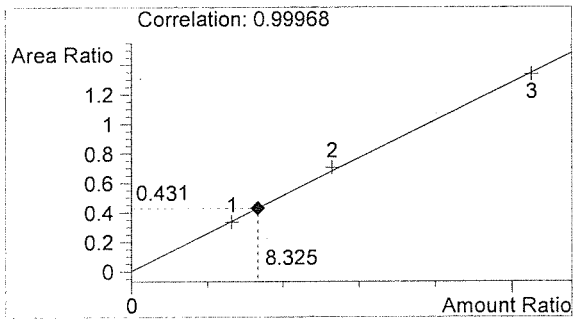
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/10/2016 10:29:35 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

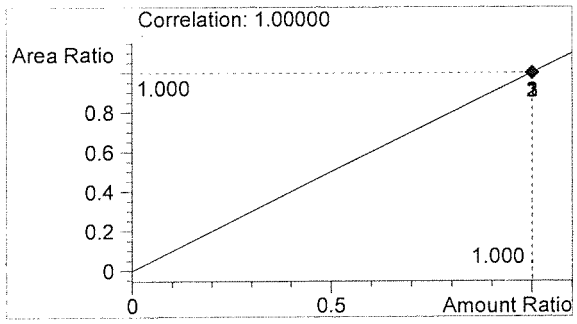
Sample Name: 16031 #3
Operator: asa louis
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	769	1.022
2	n-Propanol	1785	1.747



Ethanol 0.100 g/100mL

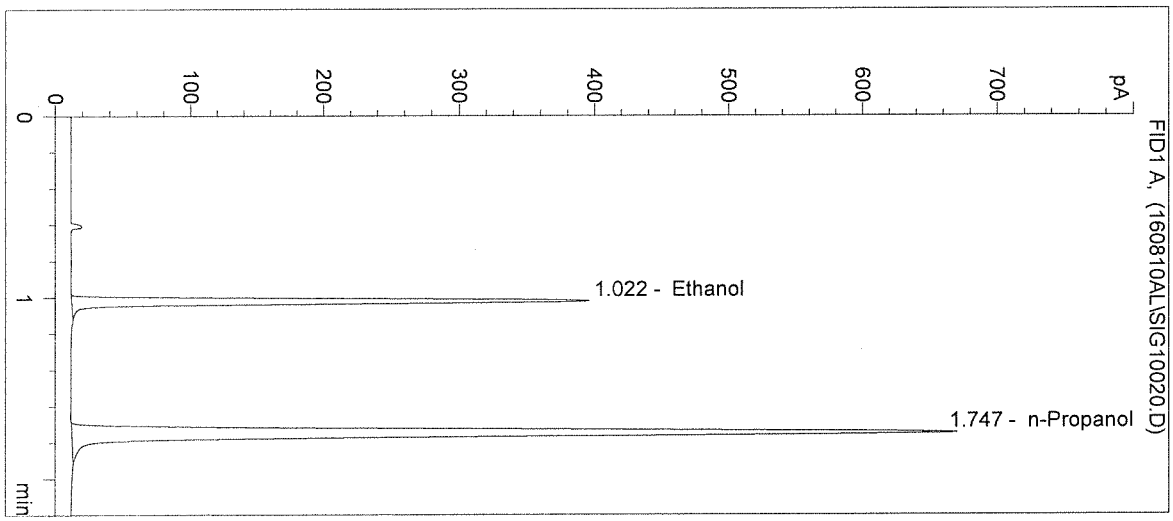


n-Propanol 0.012 g/100mL

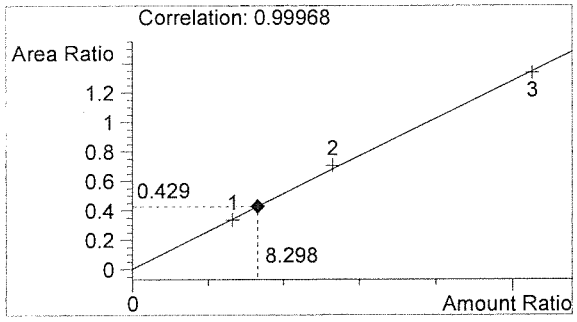
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/10/2016 10:32:49 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

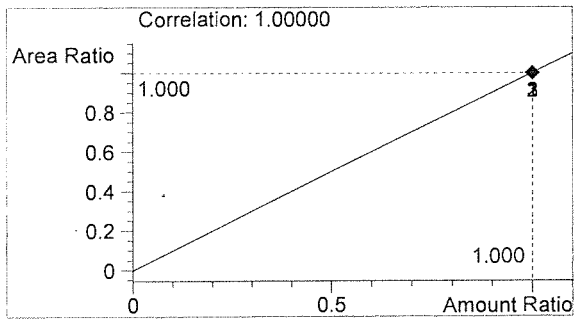
Sample Name: 16031 #4
Operator: asa louis
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	757	1.022
2	n-Propanol	1764	1.747



Ethanol 0.100 g/100mL

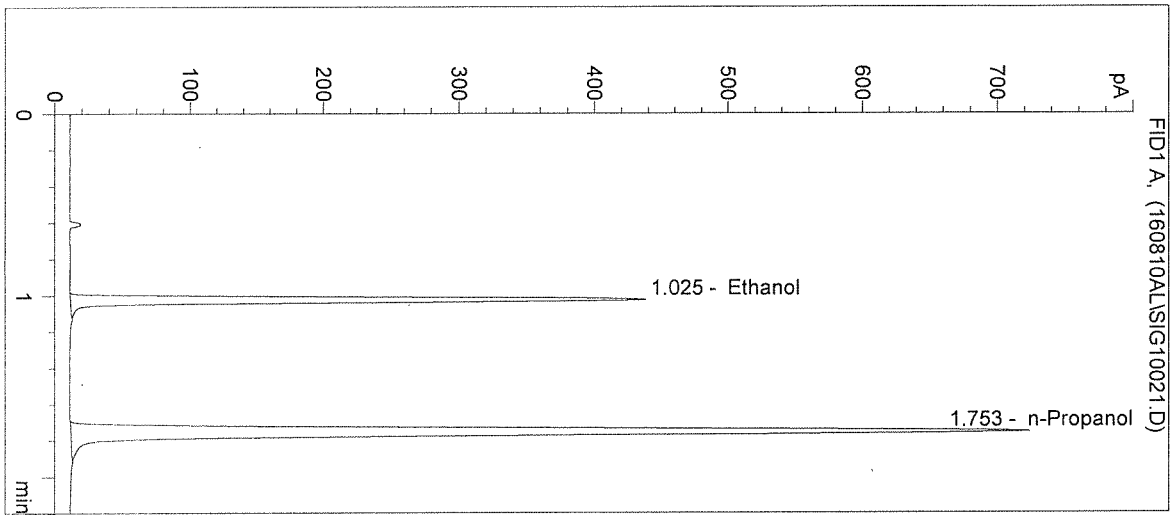


n-Propanol 0.012 g/100mL

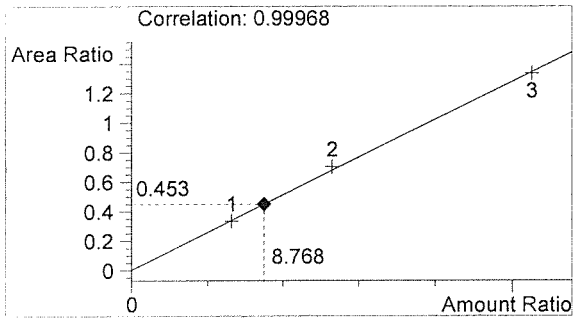
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/10/2016 10:36:03 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

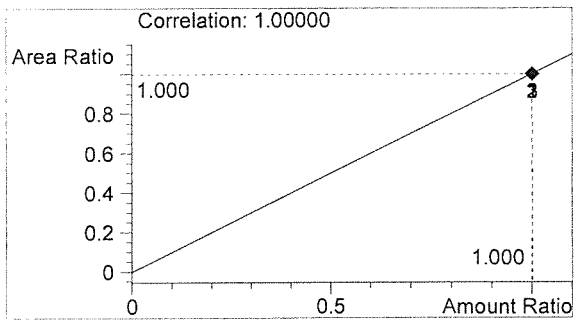
Sample Name: 16031 #5
Operator: asa louis
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	865	1.025
2	n-Propanol	1909	1.753



Ethanol 0.105 g/100mL

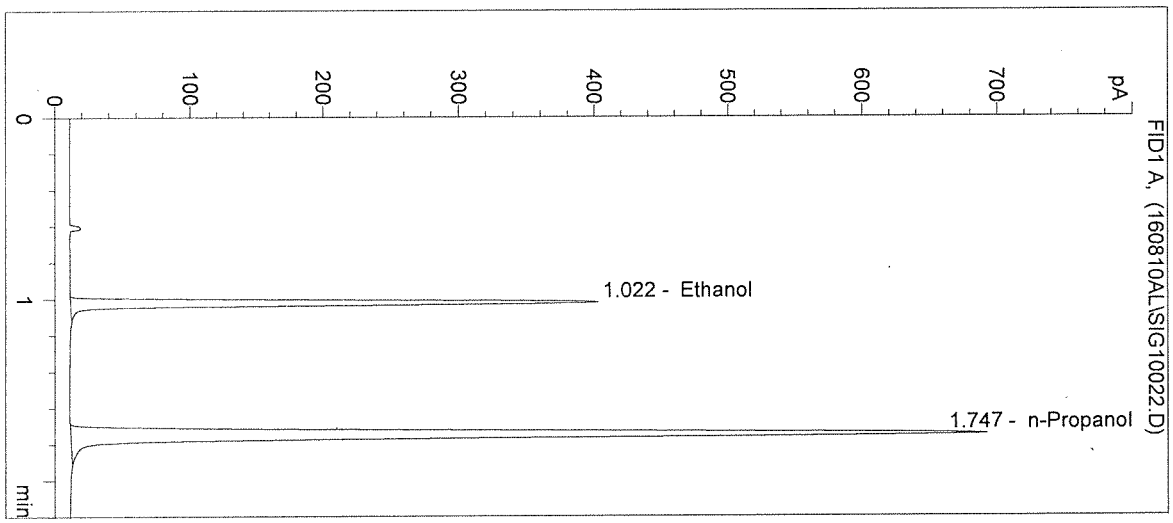


n-Propanol 0.012 g/100mL

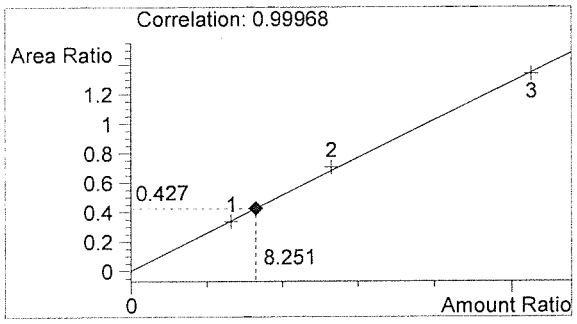
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/10/2016 10:39:15 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: ess 16031

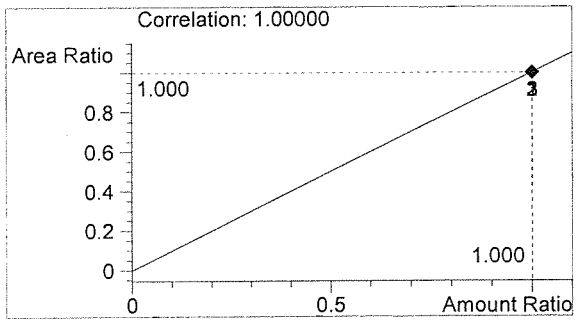
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	781	1.022
2	n-Propanol	1829	1.747



Ethanol 0.099 g/100mL

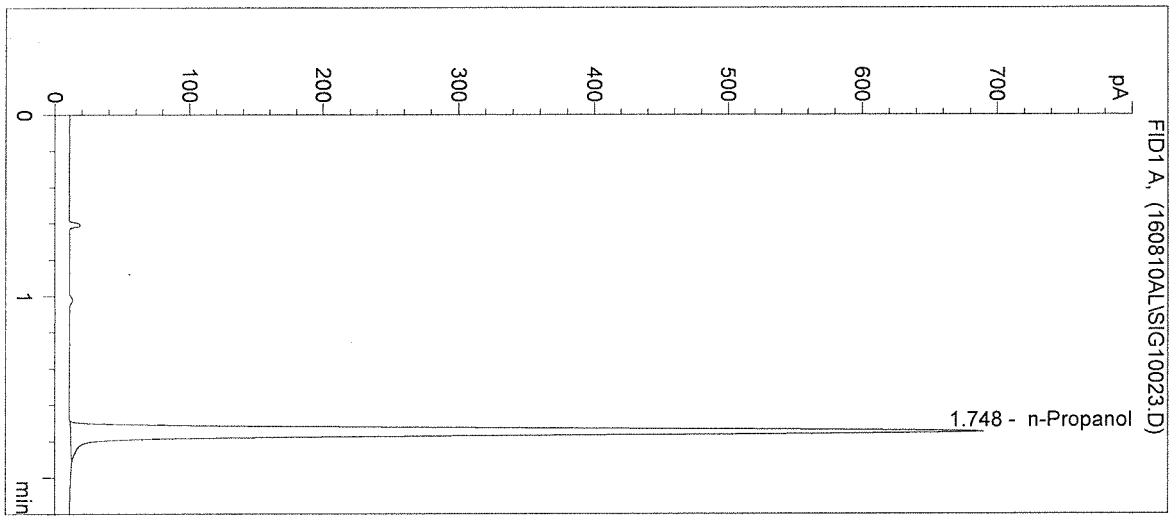


n-Propanol 0.012 g/100mL

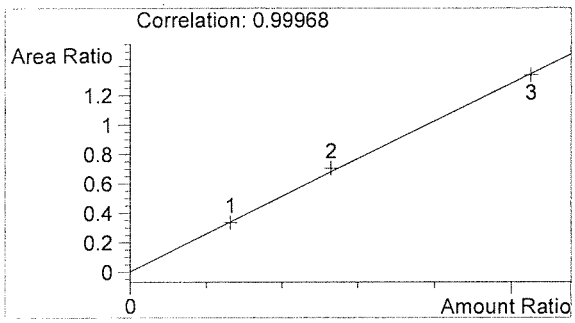
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/10/2016 10:42:29 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: ess 16031

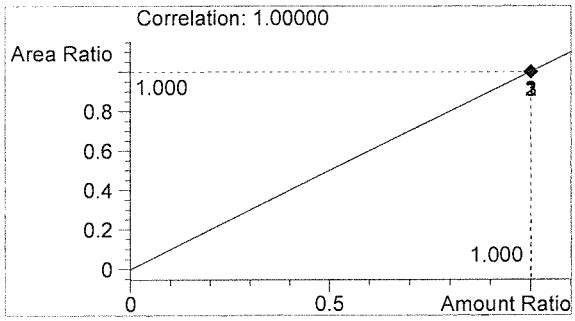
Sample Name: neg control - al
Operator: asa louis
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1825	1.748



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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

Sequence Parameters:

Operator:	Lyndsey Knoy
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	160812LK
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#E0416-01 - Exp 10/01/16
Cal 2 (0.158 g/100mL) - Lot#E0416-02 - Exp 10/01/16
Cal 3 (0.316 g/100mL) - Lot#E0416-03 - Exp 10/01/16
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# P0716 - Exp 10/22/16

Calibration vials 1-9 filed with Batch 16030.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC3	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC3	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	16030 #1	SIMALC3	1	Sample		
11	Vial 11	16030 #2	SIMALC3	1	Sample		
12	Vial 12	16030 #3	SIMALC3	1	Sample		
13	Vial 13	16030 #4	SIMALC3	1	Sample		
14	Vial 14	16030 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	16031 #1	SIMALC3	1	Sample		
18	Vial 18	16031 #2	SIMALC3	1	Sample		
19	Vial 19	16031 #3	SIMALC3	1	Sample		
20	Vial 20	16031 #4	SIMALC3	1	Sample		
21	Vial 21	16031 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		

16031
8/31/16

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

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

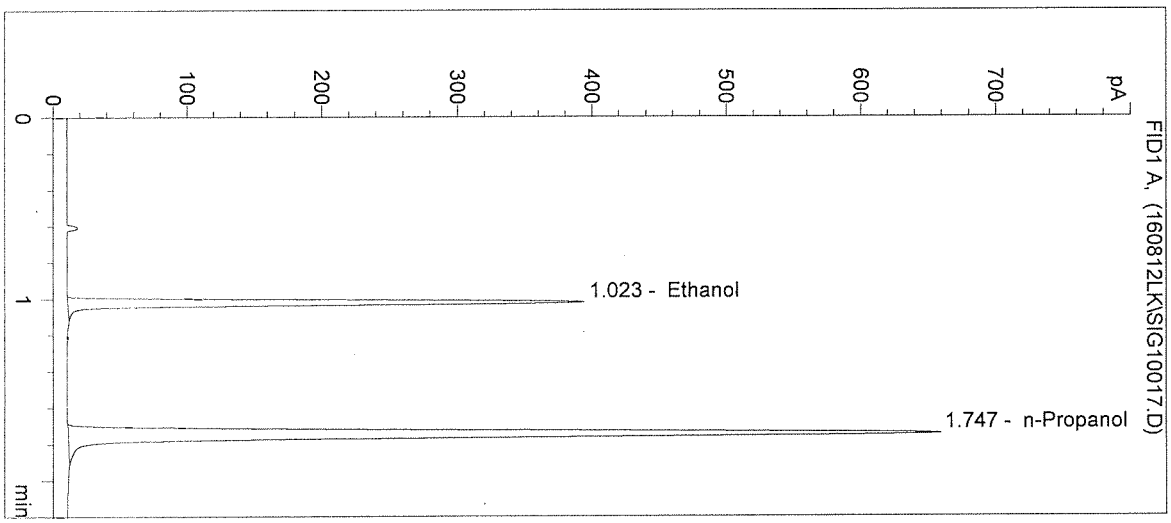
16031

Ln 8/31/16

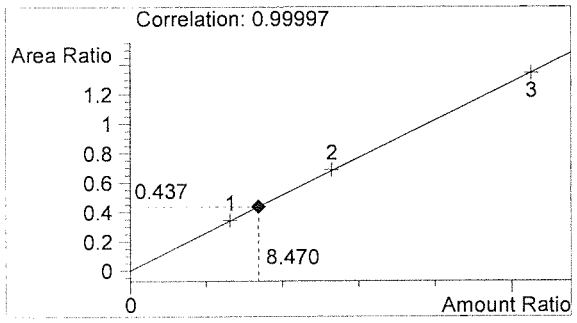
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/12/2016 1:15:16 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

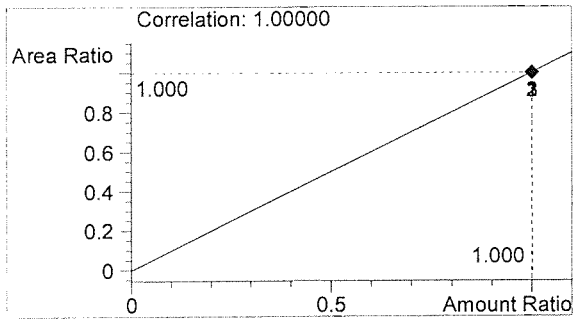
Sample Name: 16031 #1
Operator: Lyndsey Knoy
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	758	1.023
2	n-Propanol	1735	1.747



Ethanol 0.102 g/100mL

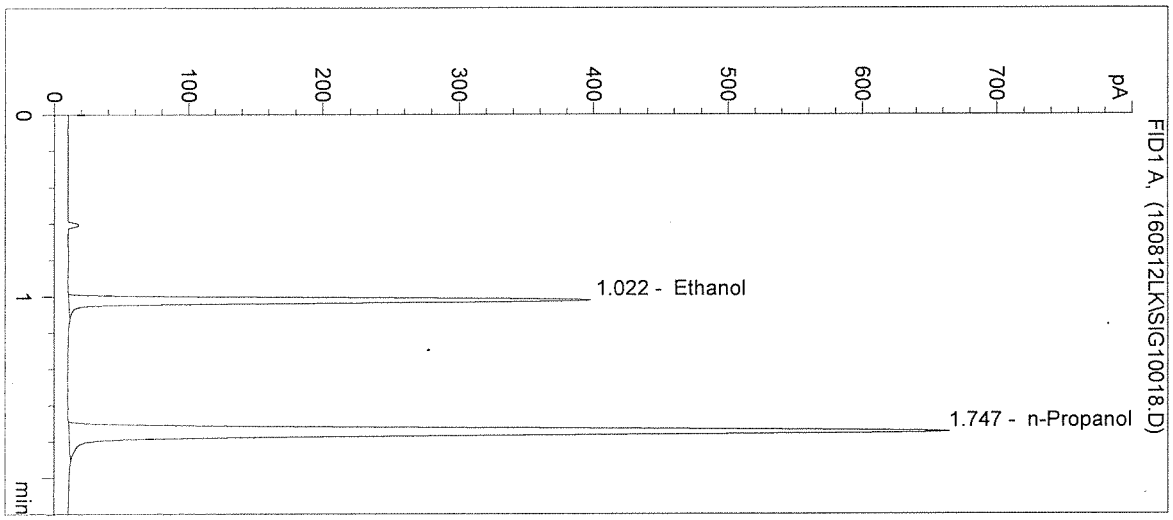


n-Propanol 0.012 g/100mL

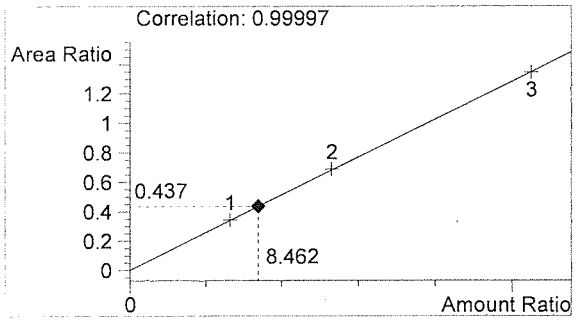
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/12/2016 1:18:29 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

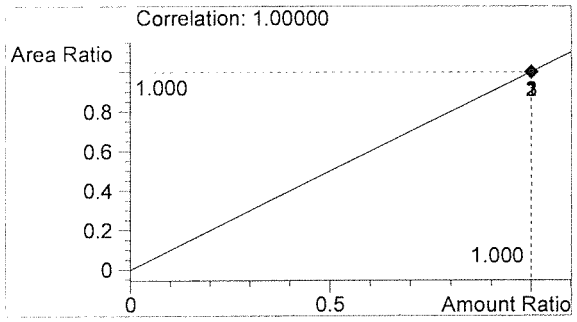
Sample Name: 16031 #2
Operator: Lyndsey Knoy
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	766	1.022
2	n-Propanol	1755	1.747



Ethanol 0.102 g/100mL

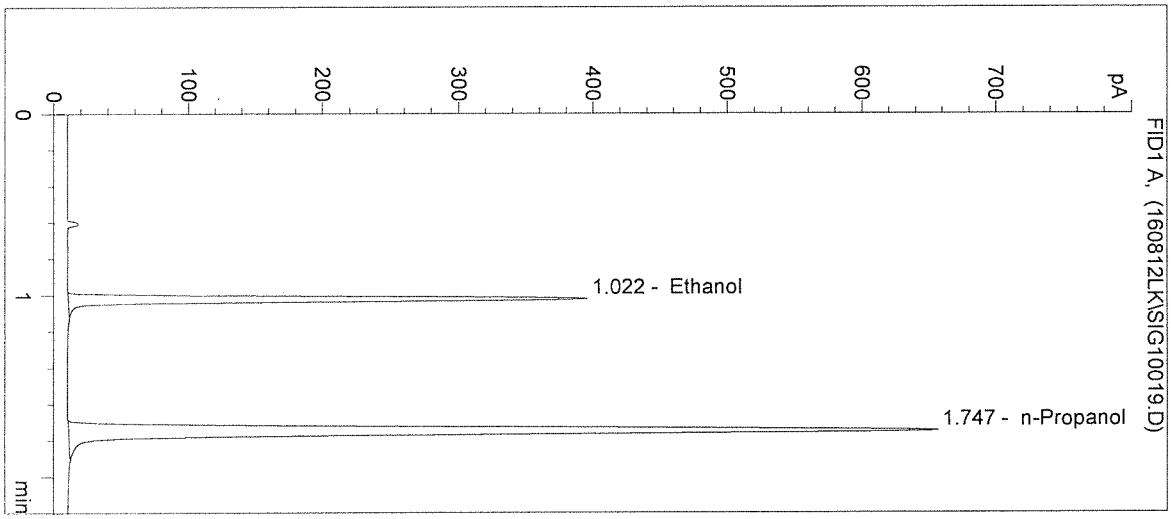


n-Propanol 0.012 g/100mL

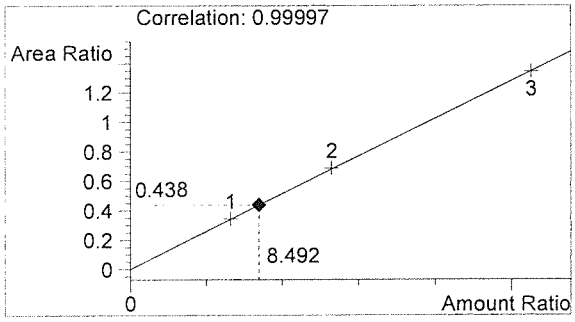
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/12/2016 1:21:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

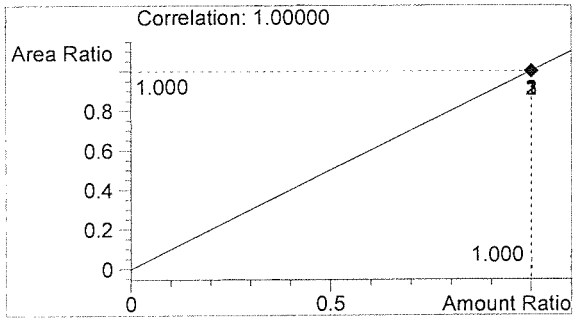
Sample Name: 16031 #3
Operator: Lyndsey Knoy
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	758	1.022
2	n-Propanol	1729	1.747



Ethanol 0.102 g/100mL



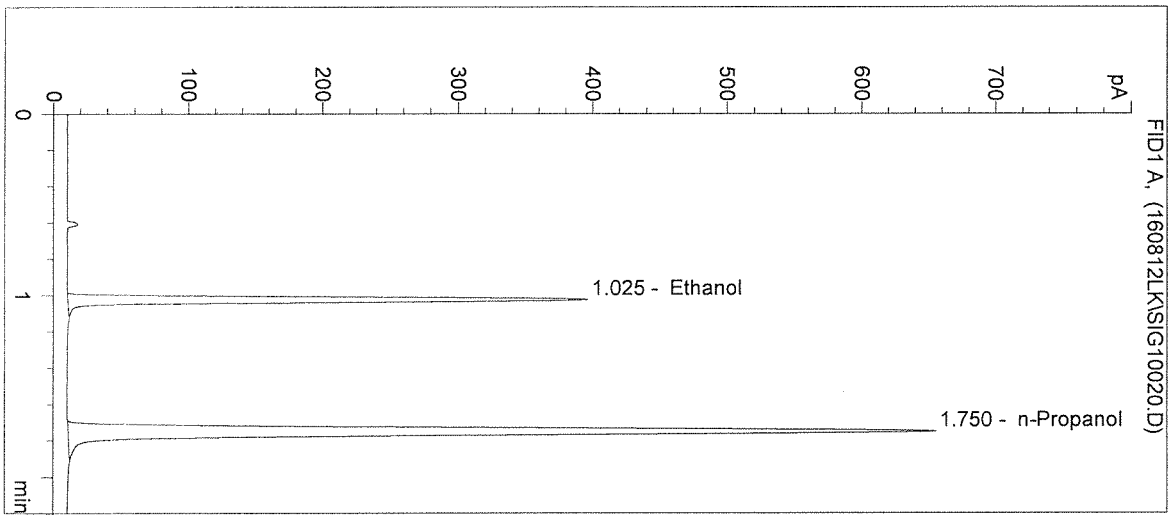
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\160812LK\SIG10019.D

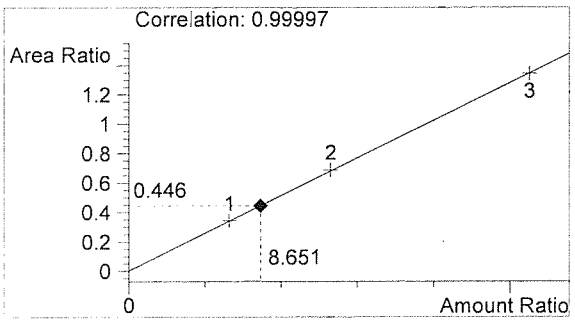
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/12/2016 1:24:56 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

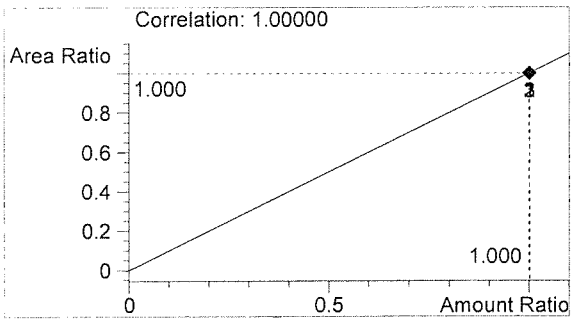
Sample Name: 16031 #4
Operator: Lyndsey Knoy
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	769	1.025
2	n-Propanol	1723	1.750



Ethanol 0.104 g/100mL

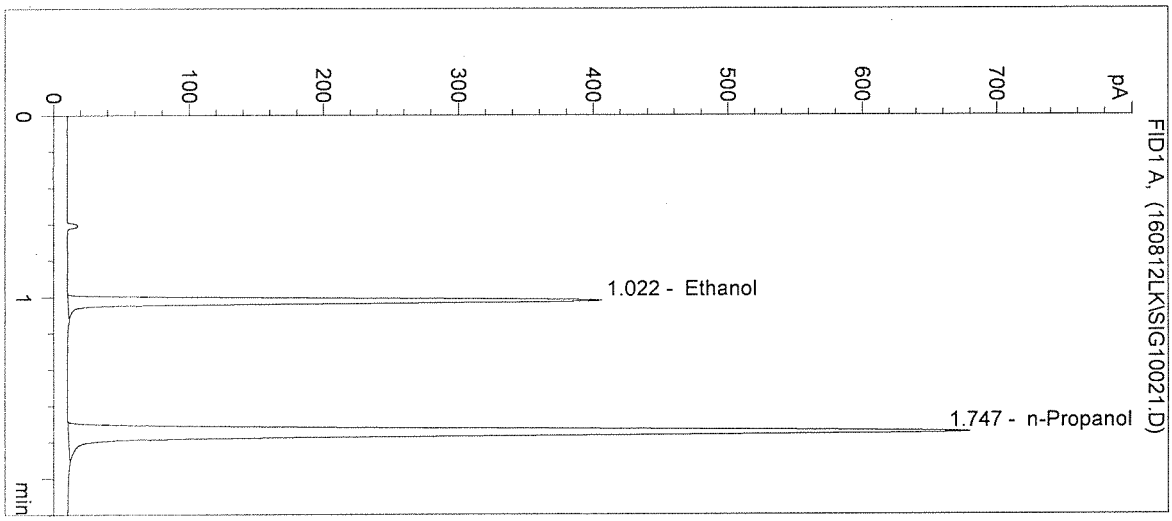


n-Propanol 0.012 g/100mL

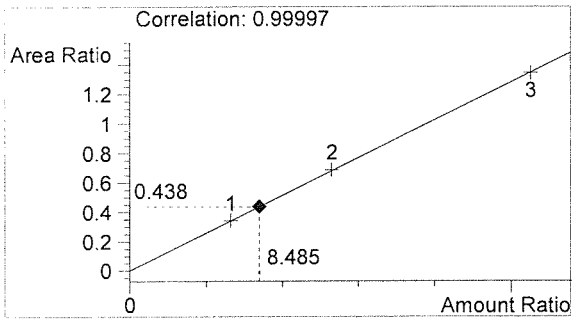
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/12/2016 1:28:11 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

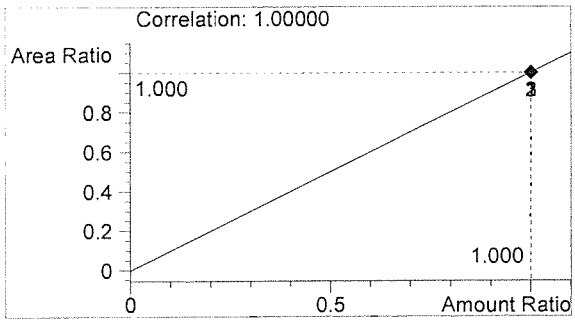
Sample Name: 16031 #5
Operator: Lyndsey Knoy
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	784	1.022
2	n-Propanol	1792	1.747



Ethanol 0.102 g/100mL



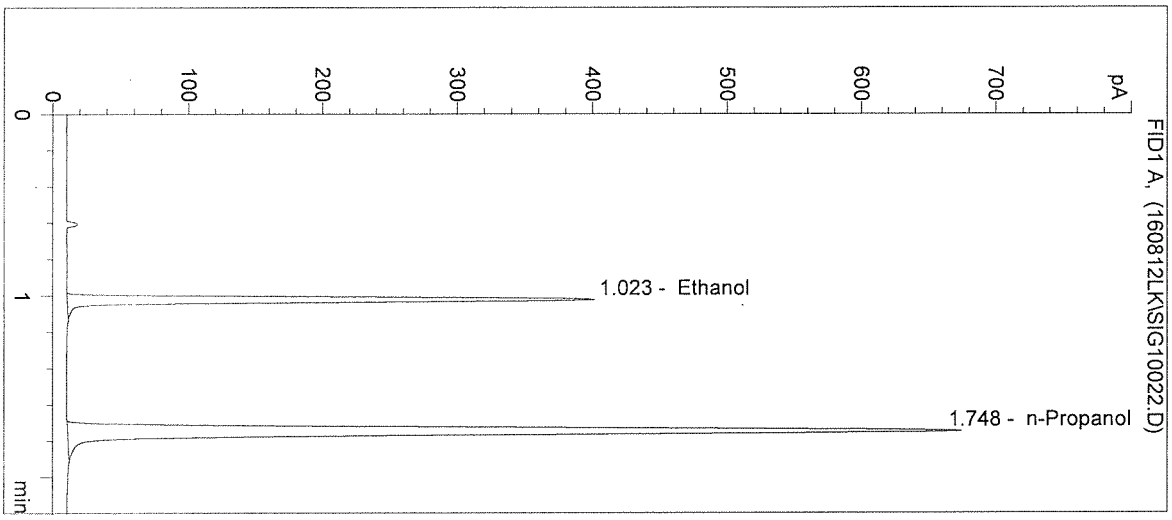
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\160812LK\SIG10021.D

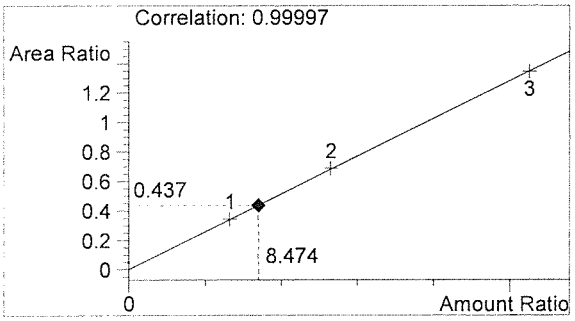
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/12/2016 1:31:23 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

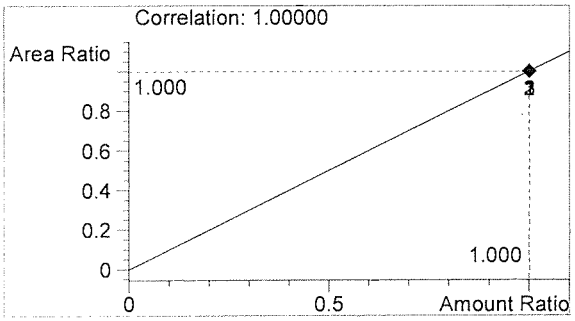
Sample Name: 0.10 CTRL
Operator: Lyndsey Knoy
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	776	1.023
2	n-Propanol	1775	1.748



Ethanol 0.102 g/100mL

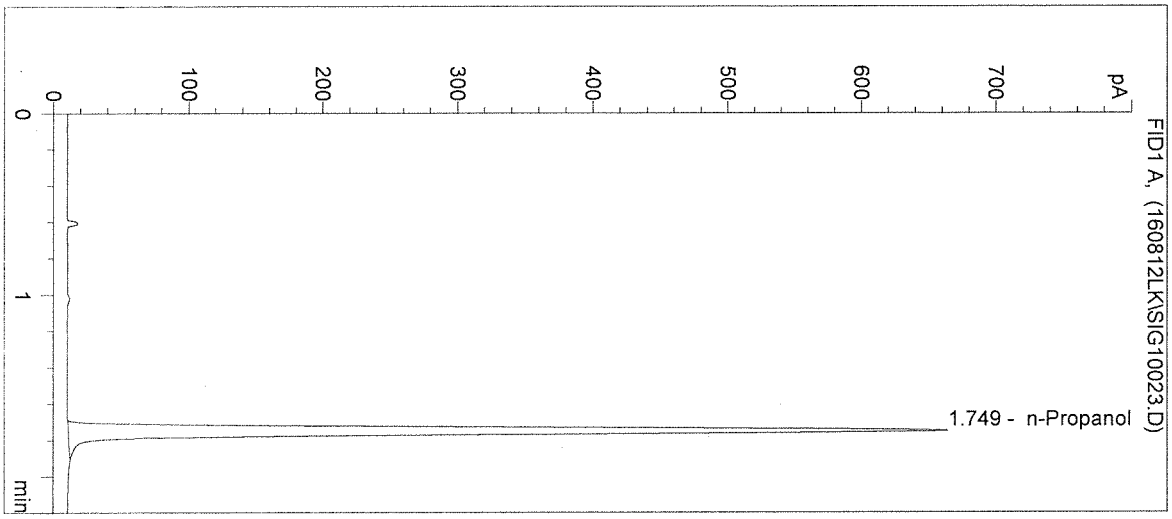


n-Propanol 0.012 g/100mL

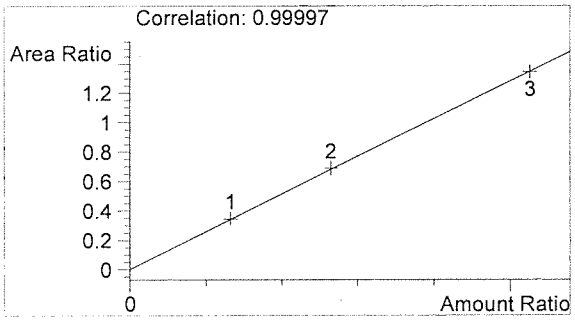
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/12/2016 1:34:36 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

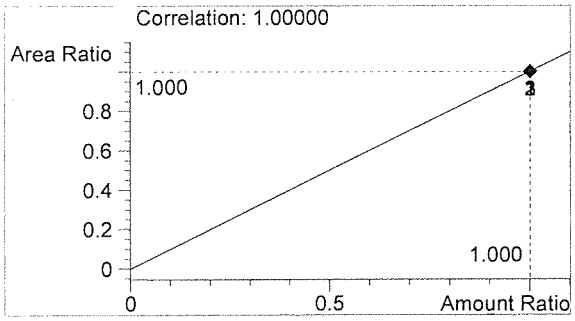
Sample Name: NEG CTRL
Operator: Lyndsey Knoy
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1747	1.749



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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

Sequence Parameters:

Operator:	Rebecca Flaherty
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	160812RF
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:

0.079 cal 1 e0416-01 exp 10/01/2016
0.158 cal 2 e0416-02 exp 10/01/2016
0.316 cal 3 e0416-03 exp 10/01/2016
0.04 control fn05011301 exp 05/2018
0.10 control fn08051301 exp 10/2018
0.20 control fn03211401 exp 06/2019

istd p0716 exp 10/22/2016

calibration in batch 16030

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	16030 #1	SIMALC3	1	Sample		
11	Vial 11	16030 #2	SIMALC3	1	Sample		
12	Vial 12	16030 #3	SIMALC3	1	Sample		
13	Vial 13	16030 #4	SIMALC3	1	Sample		
14	Vial 14	16030 #5	SIMALC3	1	Sample		
15	Vial 15	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	16031 #1	SIMALC3	1	Sample		
18	Vial 18	16031 #2	SIMALC3	1	Sample		
19	Vial 19	16031 #3	SIMALC3	1	Sample		
20	Vial 20	16031 #4	SIMALC3	1	Sample		
21	Vial 21	16031 #5	SIMALC3	1	Sample		
22	Vial 22	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		

16031
fn8131/16

RF

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

Calibration Part:

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

16031

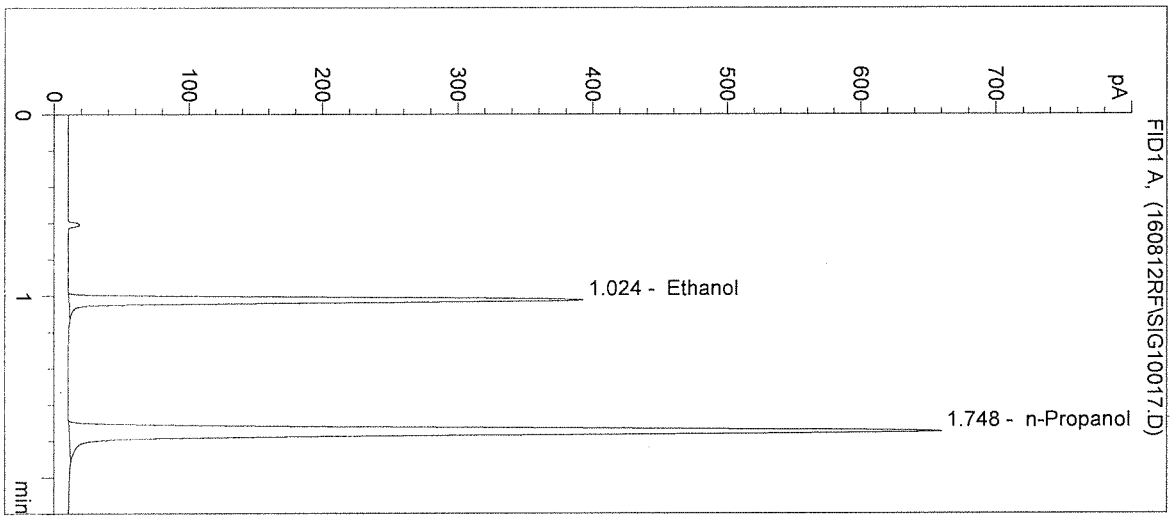
Jng 8/31/16

RF

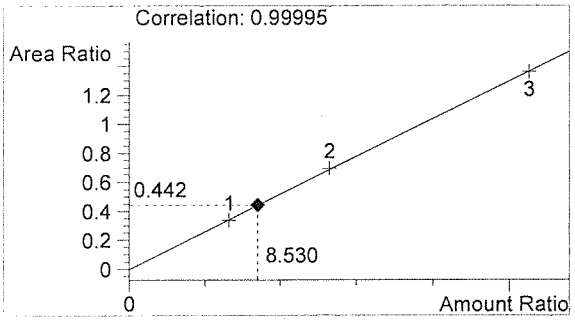
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/12/2016 10:12:05 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

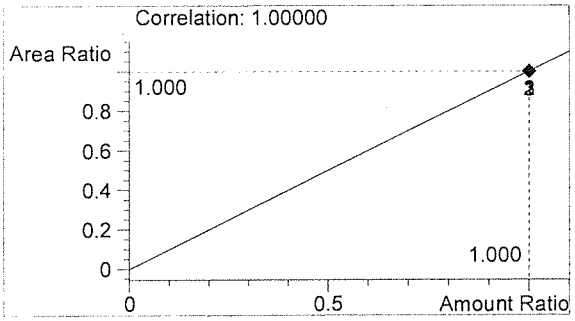
Sample Name: 16031 #1
Operator: Rebecca Flaherty
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	770	1.024
2	n-Propanol	1740	1.748



Ethanol 0.102 g/100mL



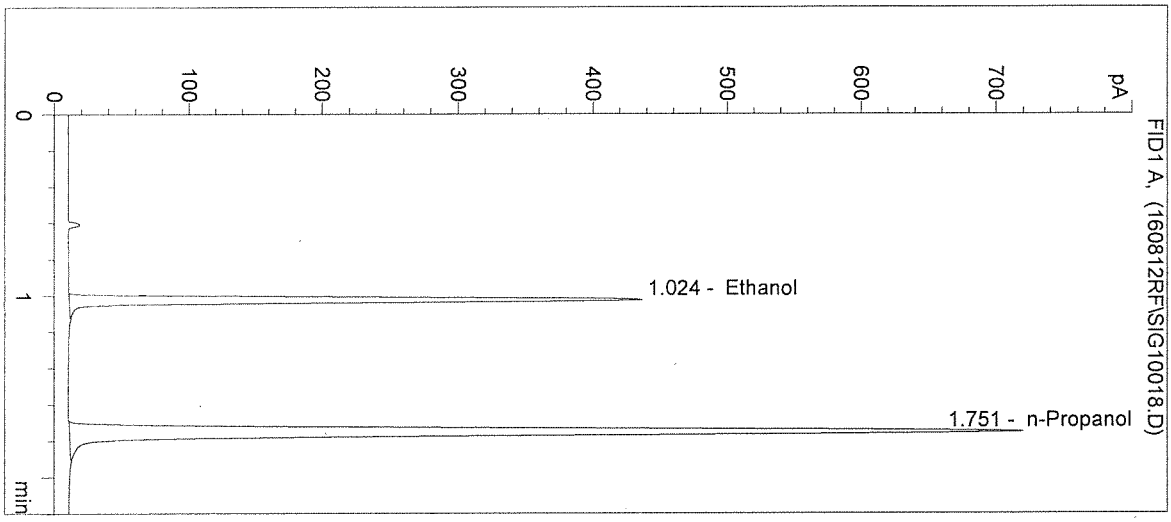
n-Propanol 0.012 g/100mL

RF

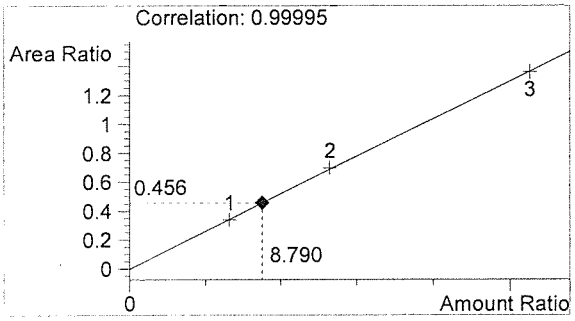
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/12/2016 10:15:18 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

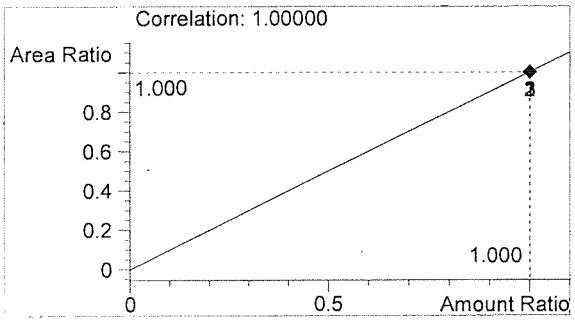
Sample Name: 16031 #2
Operator: Rebecca Flaherty
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	868	1.024
2	n-Propanol	1904	1.751



Ethanol 0.105 g/100mL

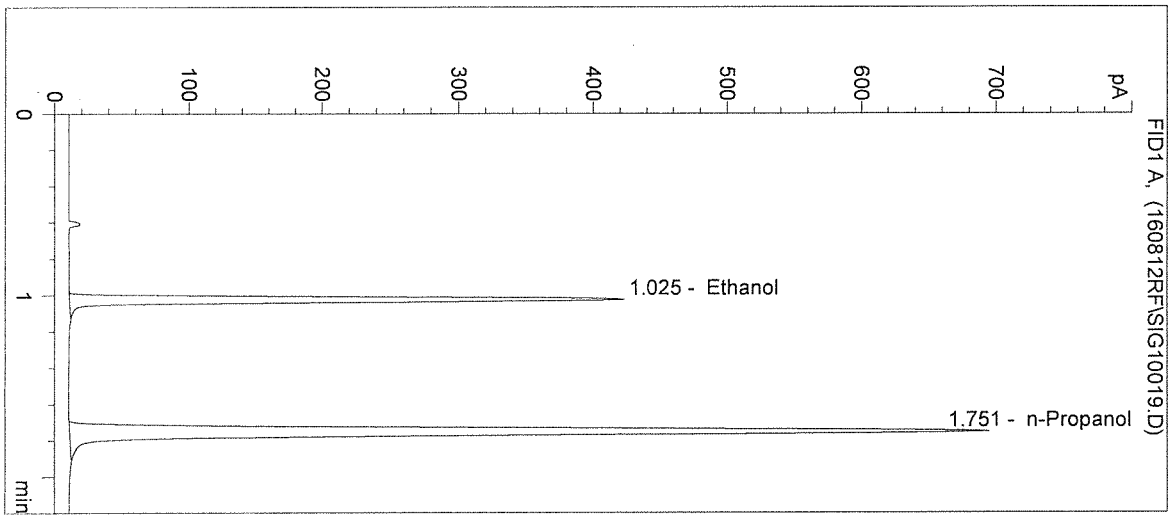


n-Propanol 0.012 g/100mL

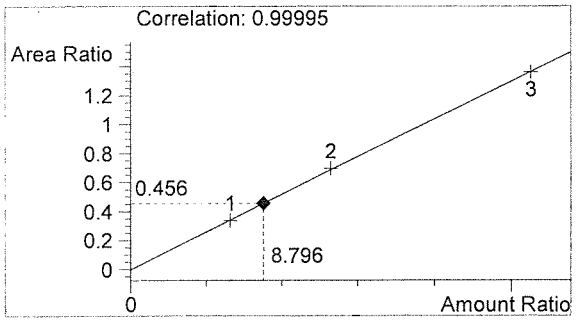
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/12/2016 10:18:32 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

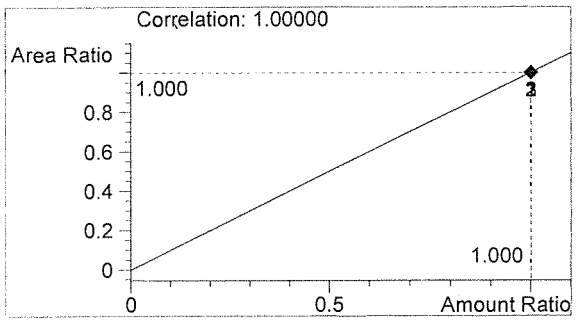
Sample Name: 16031 #3
Operator: Rebecca Flaherty
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	834	1.025
2	n-Propanol	1829	1.751



Ethanol 0.106 g/100mL



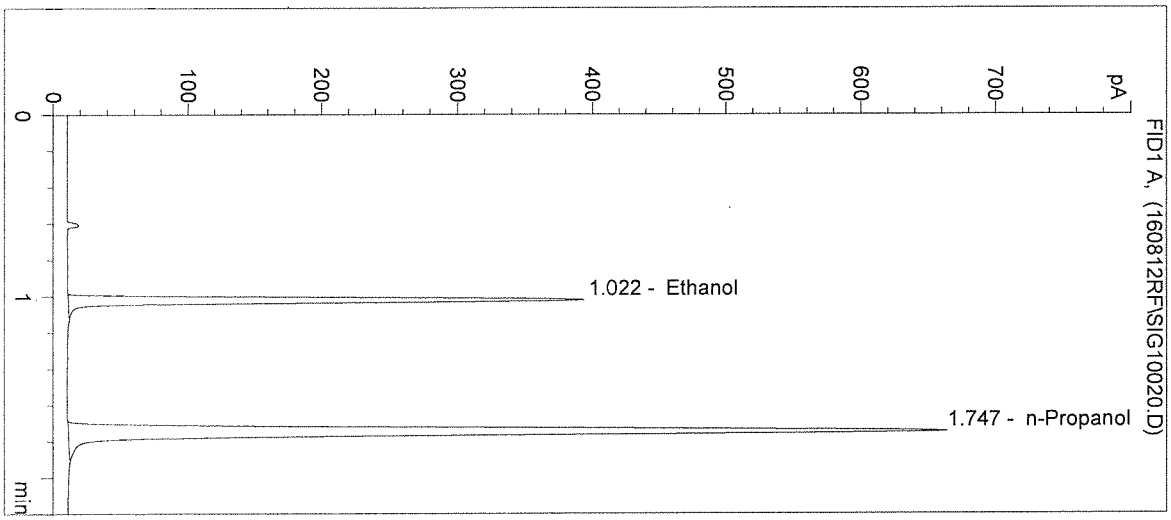
n-Propanol 0.012 g/100mL

RF

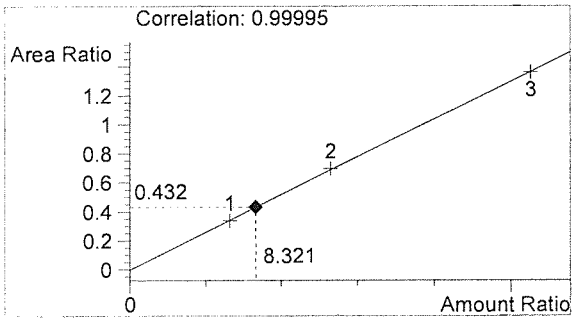
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/12/2016 10:21:45 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

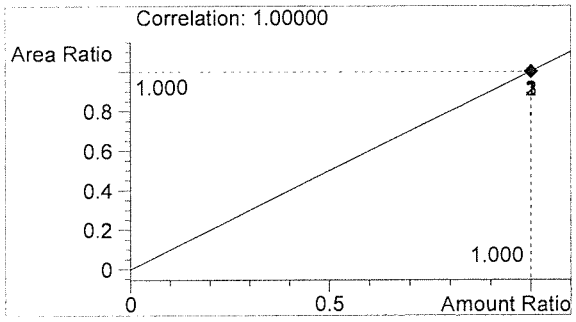
Sample Name: 16031 #4
Operator: Rebecca Flaherty
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	755	1.022
2	n-Propanol	1750	1.747



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

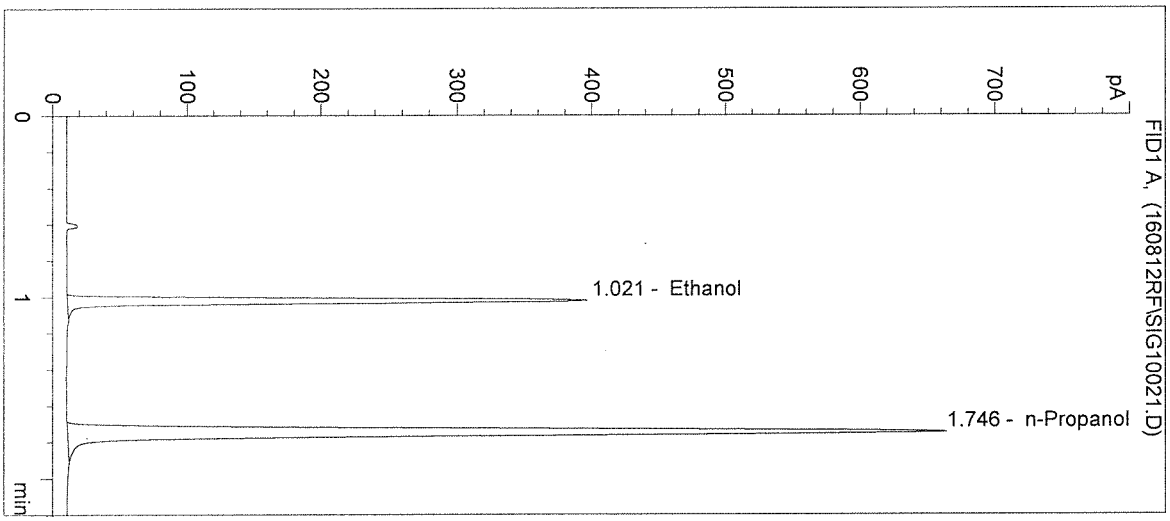
RF

Data File: C:\HPCHEM\2\DATA\160812RF\SIG10020.D

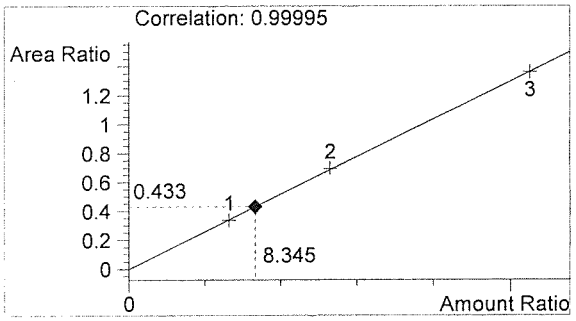
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/12/2016 10:25:00 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

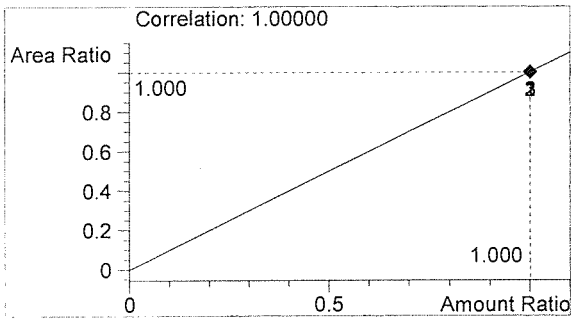
Sample Name: 16031 #5
Operator: Rebecca Flaherty
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	755	1.021
2	n-Propanol	1745	1.746



Ethanol 0.100 g/100mL

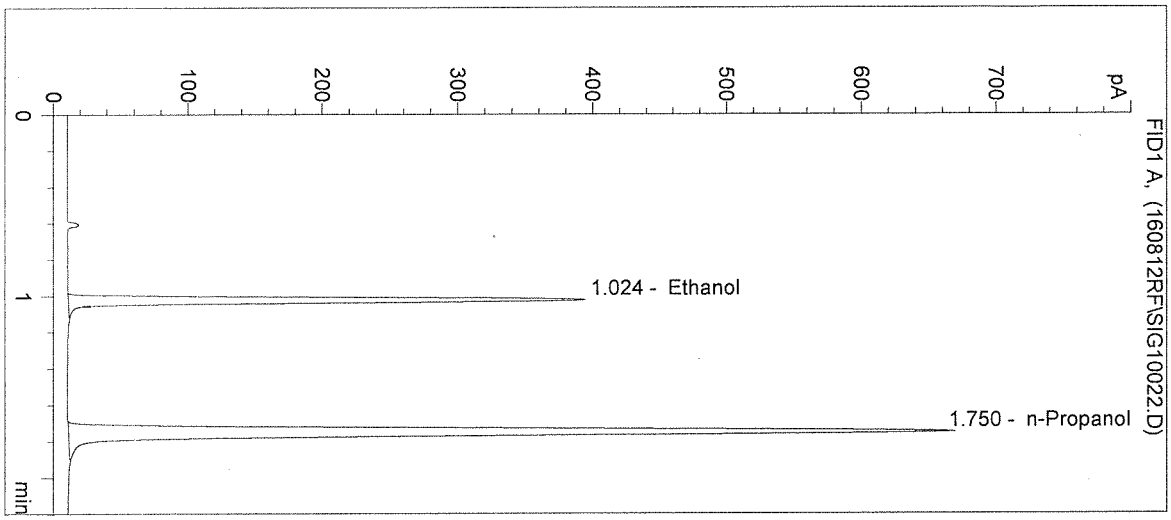


n-Propanol 0.012 g/100mL

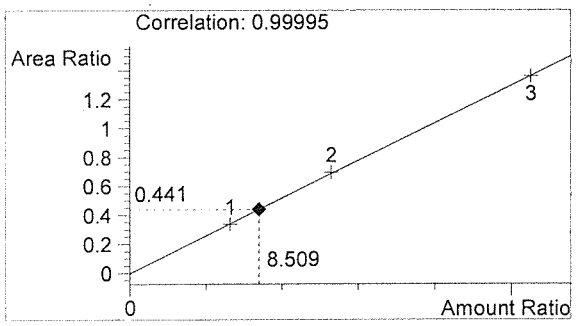
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/12/2016 10:28:12 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: ess 16031

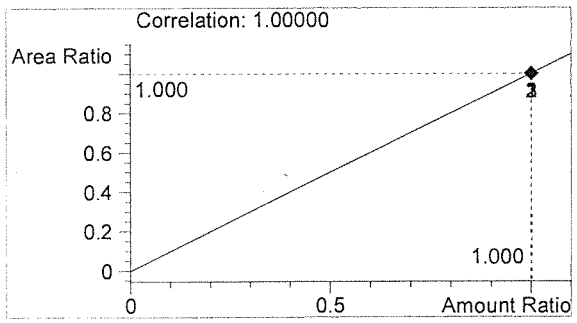
Sample Name: CTRL 2 (0.10)
Operator: Rebecca Flaherty
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	781	1.024
2	n-Propanol	1769	1.750



Ethanol 0.102 g/100mL



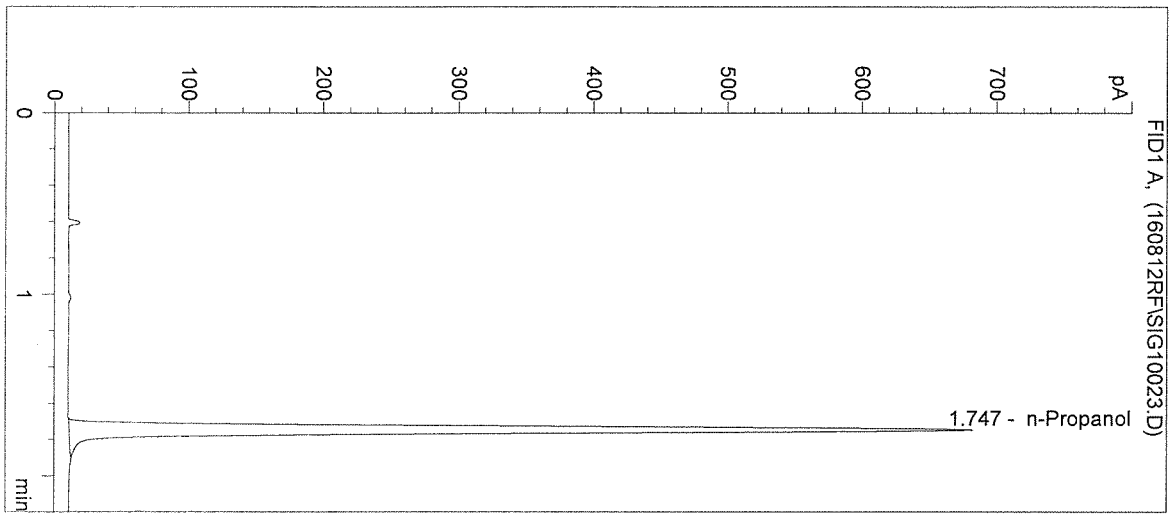
n-Propanol 0.012 g/100mL

RF

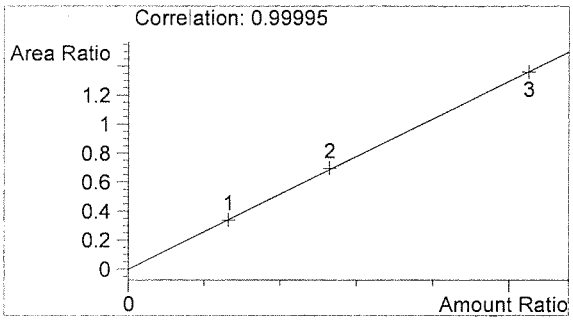
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/12/2016 10:31:25 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: ess 16031

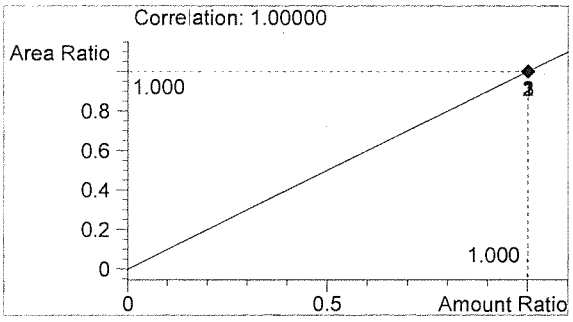
Sample Name: NEG CTRL
Operator: Rebecca Flaherty
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1800	1.747



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

RF

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

Sequence Parameters:

Operator:	Christie Mitchell-Mata
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	160811CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

– Mislabeled data subdirectory. Should have been 160815cm.
All vials aliquoted + injected on 8/15/16.
CM 8/15/16

Sequence Comment:
Cal 1 (0.079 g/100mL) - Lot#E0416-01 - Exp 10/01/16
Cal 2 (0.158 g/100mL) - Lot#E0416-02 - Exp 10/01/16
Cal 3 (0.316 g/100mL) - Lot#E0416-03 - Exp 10/01/16
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# P0716 - Exp 10/22/16

Calibration vials 1-9 filed with Batch 16030.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC3	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC3	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	16030 #1	SIMALC3	1	Sample		
11	Vial 11	16030 #2	SIMALC3	1	Sample		
12	Vial 12	16030 #3	SIMALC3	1	Sample		
13	Vial 13	16030 #4	SIMALC3	1	Sample		
14	Vial 14	16030 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	16031 #1	SIMALC3	1	Sample		
18	Vial 18	16031 #2	SIMALC3	1	Sample		
19	Vial 19	16031 #3	SIMALC3	1	Sample		
20	Vial 20	16031 #4	SIMALC3	1	Sample		
21	Vial 21	16031 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		

16031
fn 8/31/16

CM

Calibration Part:

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

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

Sequence Table (Back Injector):

No entries - empty table!

16031

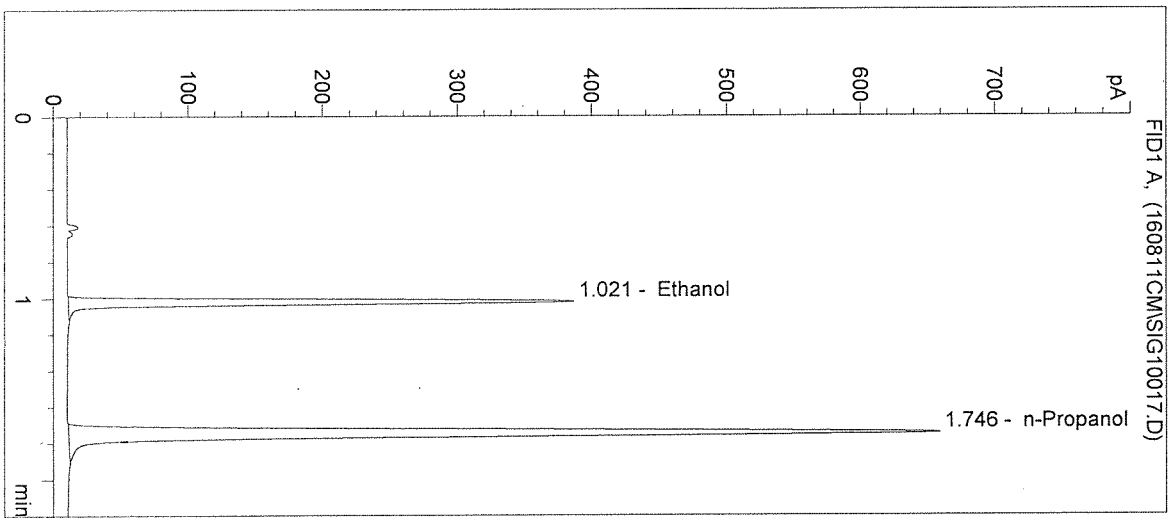
fn 8/31/16

fn 8/31/16

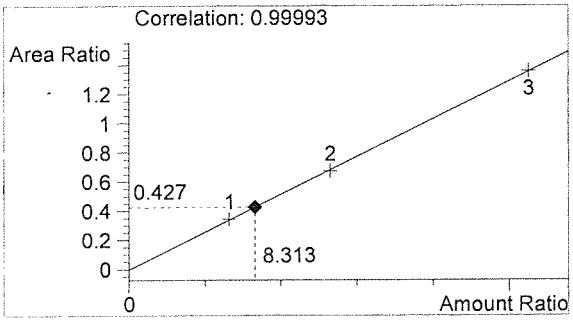
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/15/2016 11:05:13 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

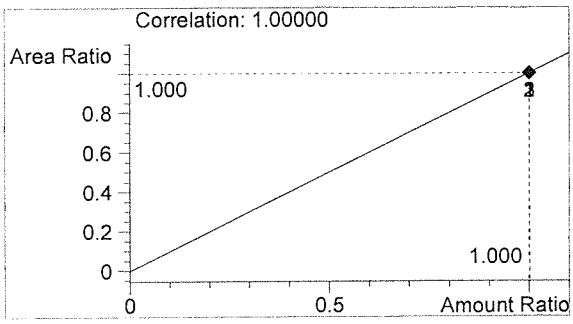
Sample Name: 16031 #1
Operator: Christie Mitchell-Mata
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	744	1.021
2	n-Propanol	1740	1.746



Ethanol 0.100 g/100mL



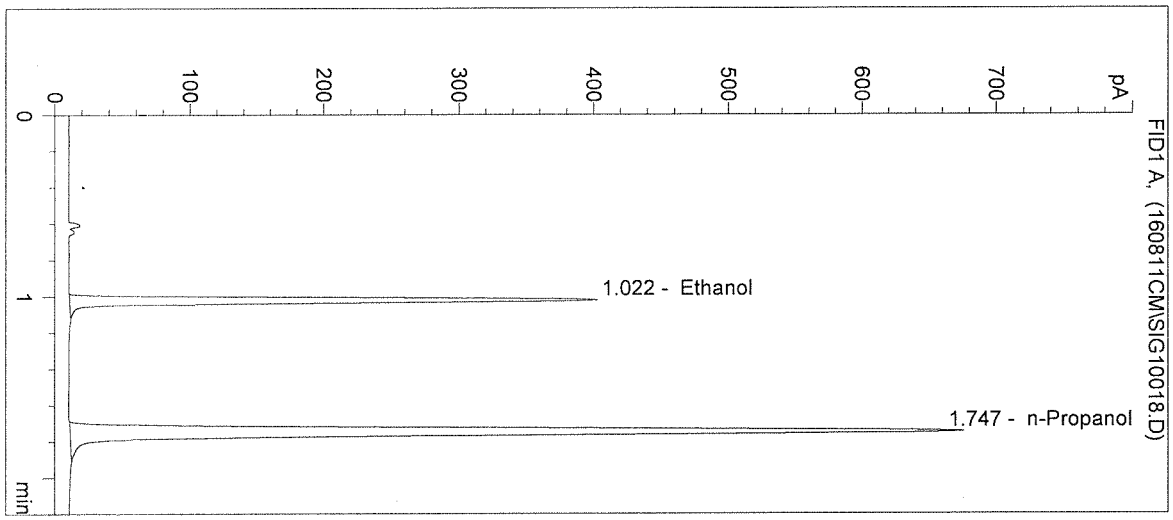
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\160811CM\SIG10017.D

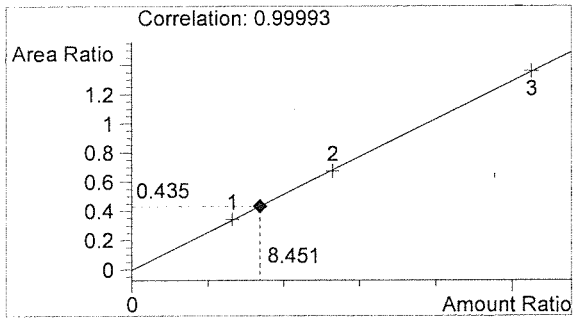
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/15/2016 11:08:26 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

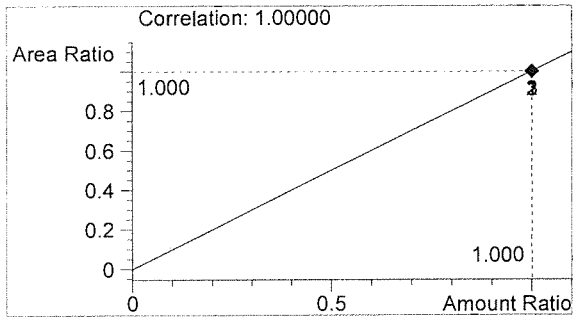
Sample Name: 16031 #2
Operator: Christie Mitchell-Mata
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	775	1.022
2	n-Propanol	1784	1.747



Ethanol 0.101 g/100mL



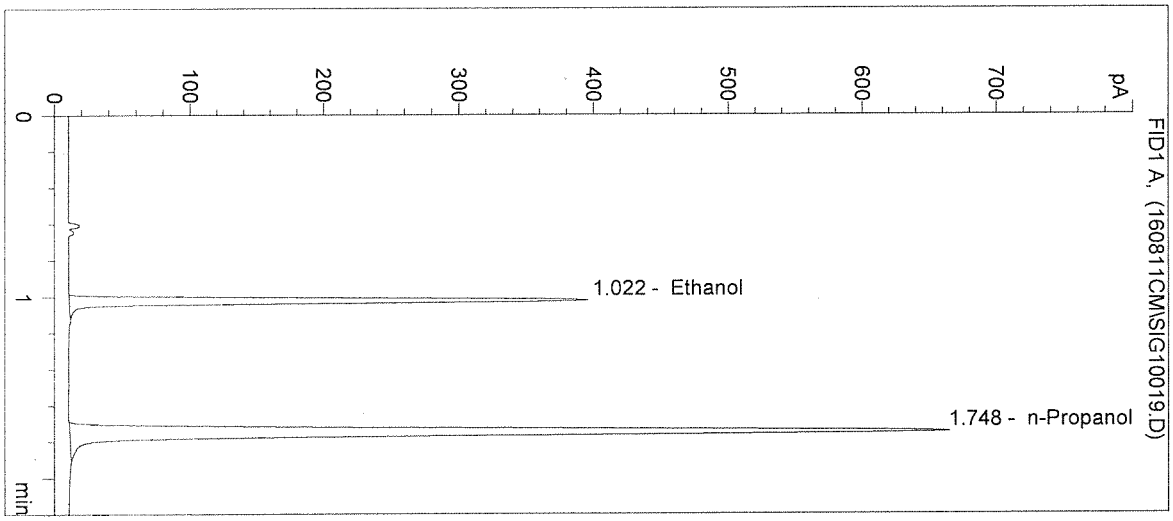
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\160811CM\SIG10018.D

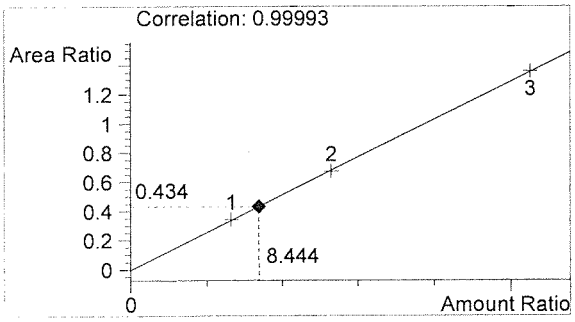
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/15/2016 11:11:39 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

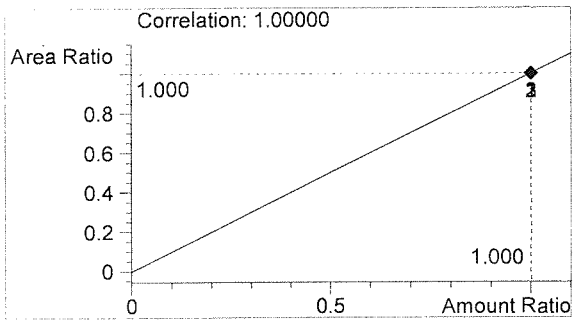
Sample Name: 16031 #3
Operator: Christie Mitchell-Mata
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	762	1.022
2	n-Propanol	1754	1.748



Ethanol 0.101 g/100mL

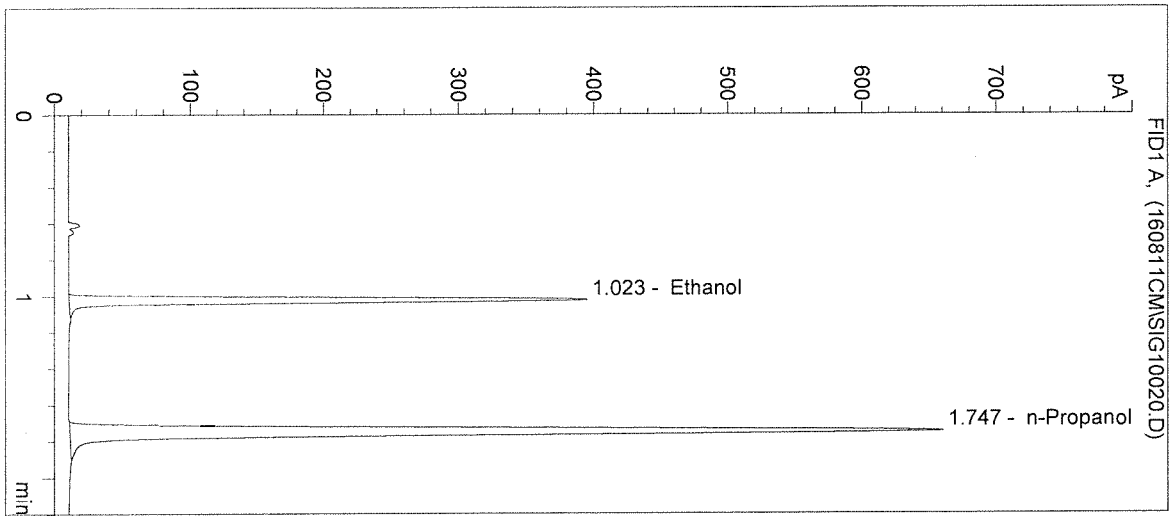


n-Propanol 0.012 g/100mL

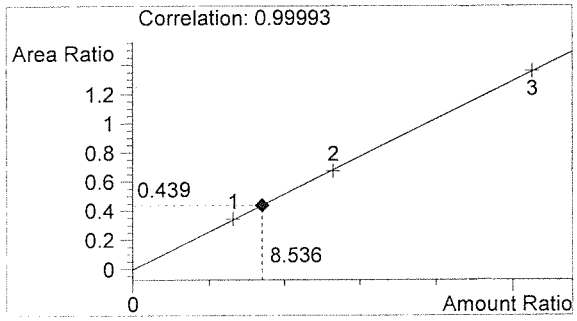
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/15/2016 11:14:53 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

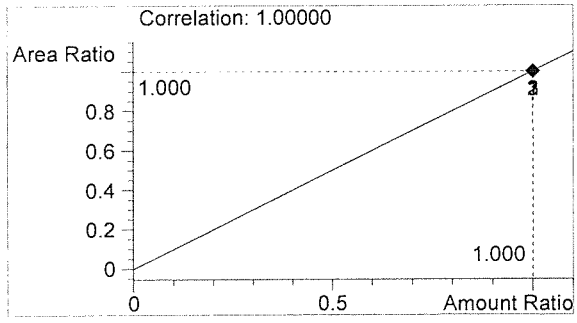
Sample Name: 16031 #4
Operator: Christie Mitchell-Mata
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	766	1.023
2	n-Propanol	1746	1.747



Ethanol 0.102 g/100mL

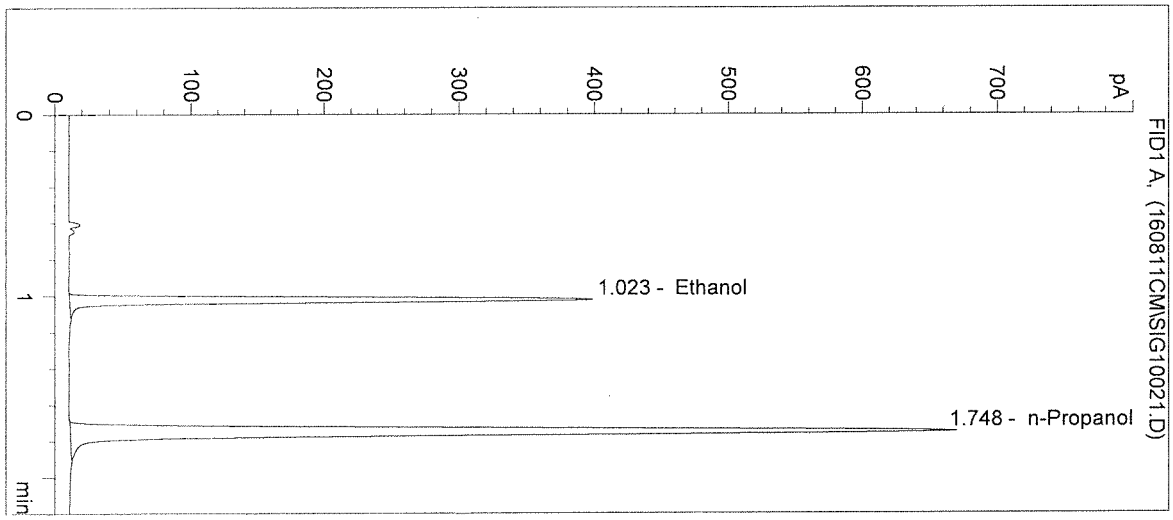


n-Propanol 0.012 g/100mL

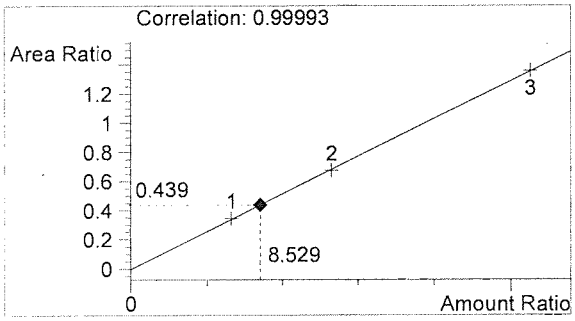
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/15/2016 11:18:06 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

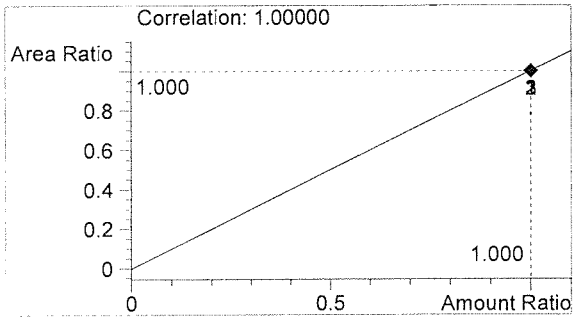
Sample Name: 16031 #5
Operator: Christie Mitchell-Mata
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	778	1.023
2	n-Propanol	1774	1.748



Ethanol 0.102 g/100mL



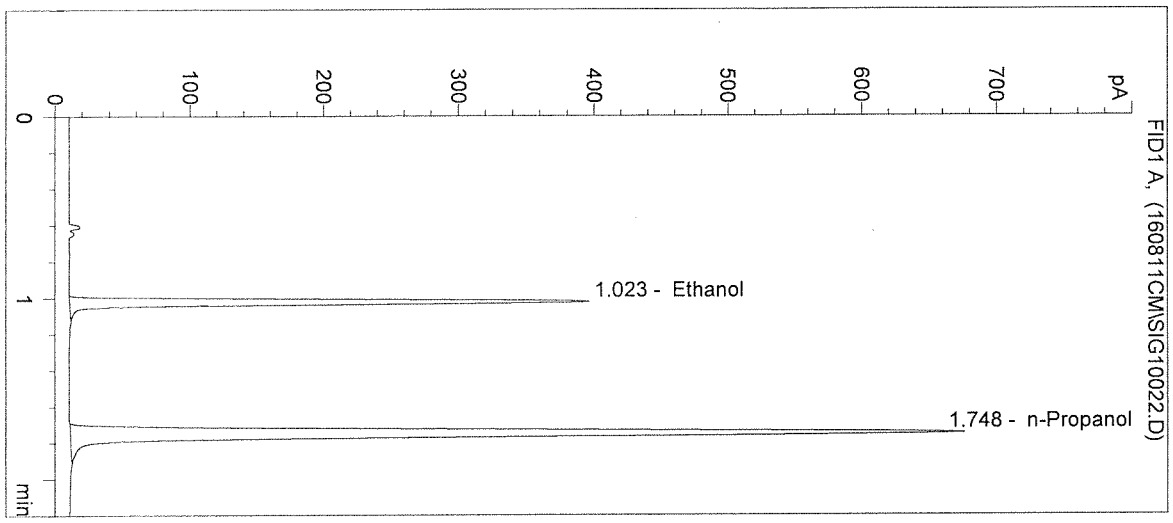
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\160811CM\SIG10021.D

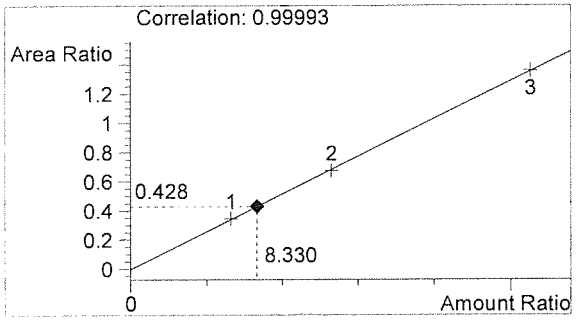
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/15/2016 11:21:19 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

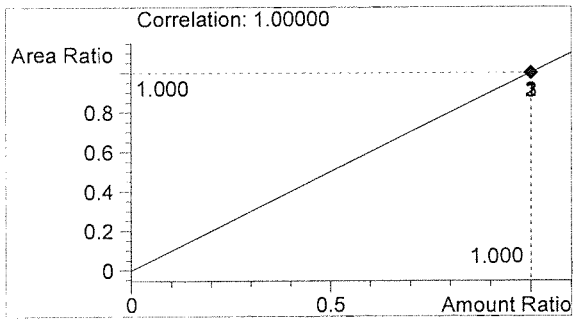
Sample Name: 0.10 CTRL
Operator: Christie Mitchell-Mata
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	762	1.023
2	n-Propanol	1780	1.748



Ethanol 0.100 g/100mL



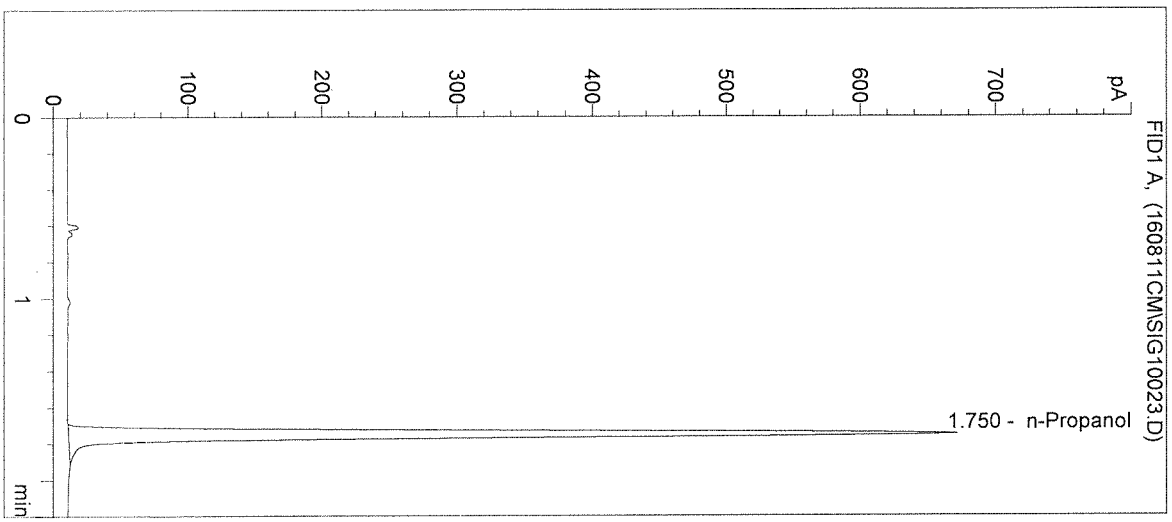
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\160811CM\SIG10022.D

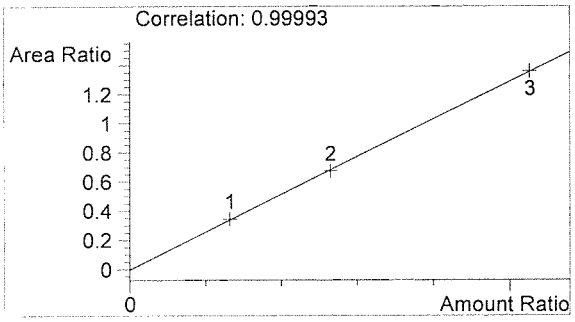
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/15/2016 11:24:33 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

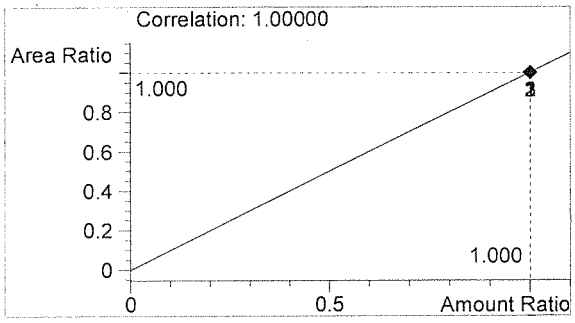
Sample Name: NEG CTRL
Operator: Christie Mitchell-Mata
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1766	1.750



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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

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\2\DATA\
Data Subdirectory:	160815EW
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#E0416-01 - Exp 10/01/16
Cal 2 (0.158 g/100mL) - Lot#E0416-02 - Exp 10/01/16
Cal 3 (0.316 g/100mL) - Lot#E0416-03 - Exp 10/01/16
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# P0716 - Exp 10/22/16

Calibration vials 1-9 filed with Batch 16030.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC3	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC3	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	16030 #1	SIMALC3	1	Sample		
11	Vial 11	16030 #2	SIMALC3	1	Sample		
12	Vial 12	16030 #3	SIMALC3	1	Sample		
13	Vial 13	16030 #4	SIMALC3	1	Sample		
14	Vial 14	16030 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	16031 #1	SIMALC3	1	Sample		
18	Vial 18	16031 #2	SIMALC3	1	Sample		
19	Vial 19	16031 #3	SIMALC3	1	Sample		
20	Vial 20	16031 #4	SIMALC3	1	Sample		
21	Vial 21	16031 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		

16031
fng 8/31/16

EW

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

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

16031

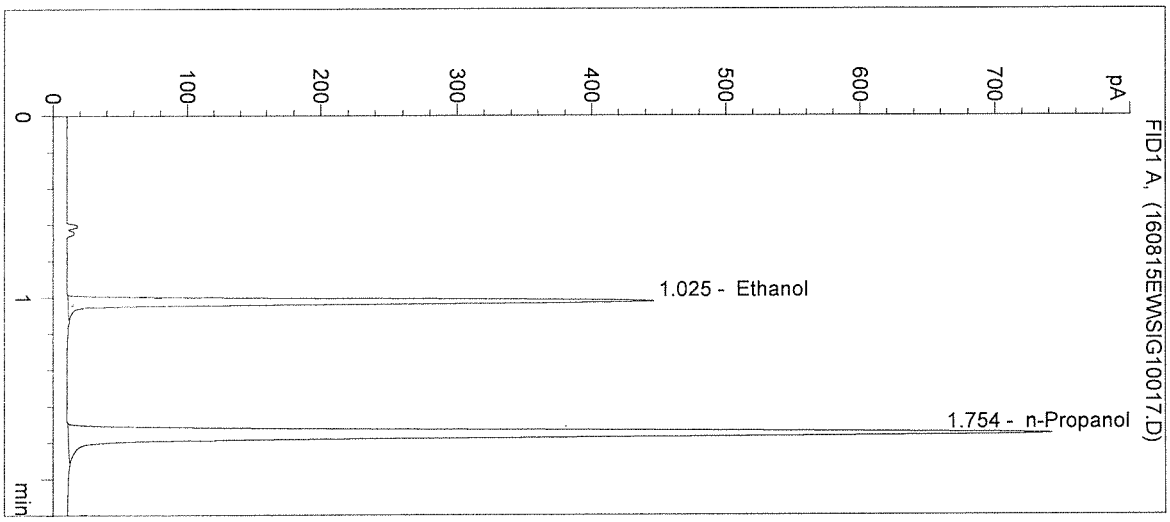
Fri 8/19/16

EW

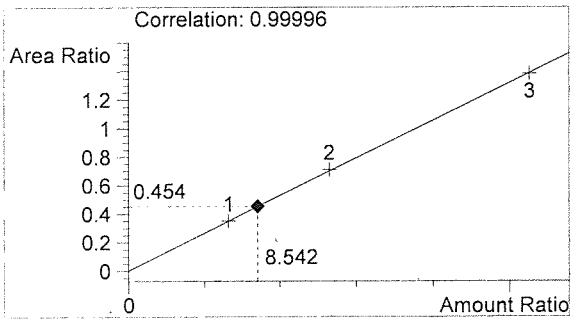
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/15/2016 2:50:22 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

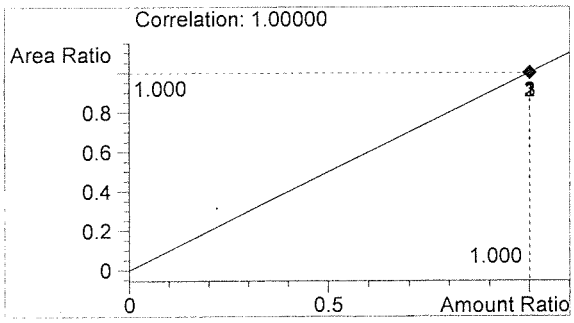
Sample Name: 16031 #1
Operator: Elizabeth Wehner
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	894	1.025
2	n-Propanol	1970	1.754



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

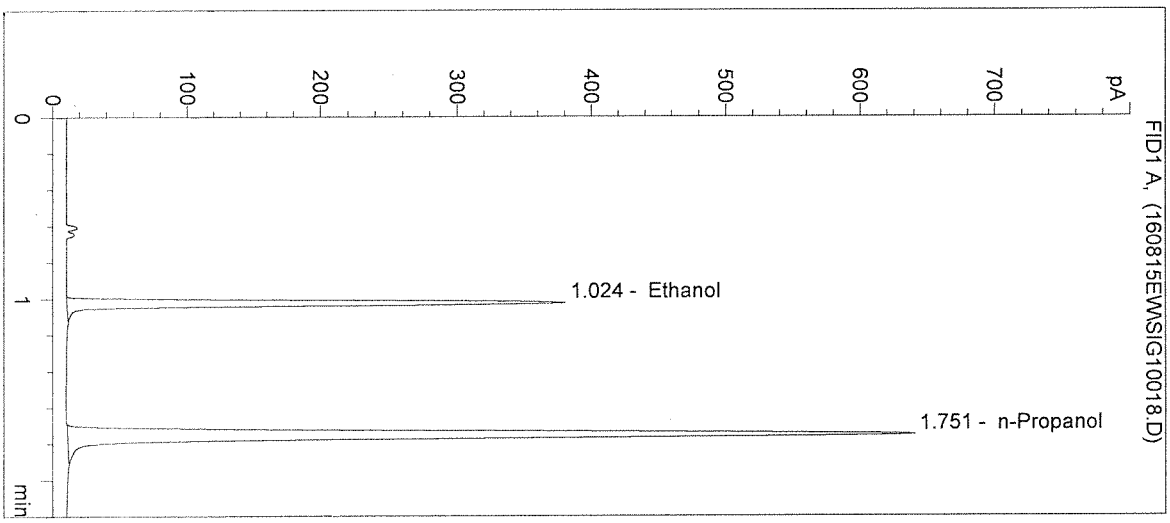
Data File: C:\HPCHEM\2\DATA\160815EW\SIG10017.D

EW

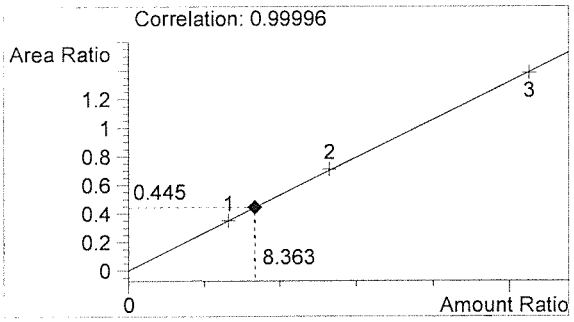
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/15/2016 2:53:35 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

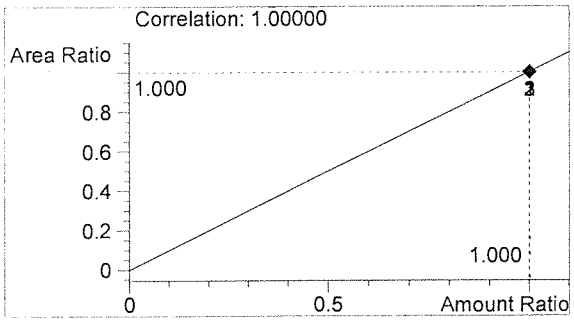
Sample Name: 16031 #2
Operator: Elizabeth Wehner
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	753	1.024
2	n-Propanol	1693	1.751



Ethanol 0.100 g/100mL



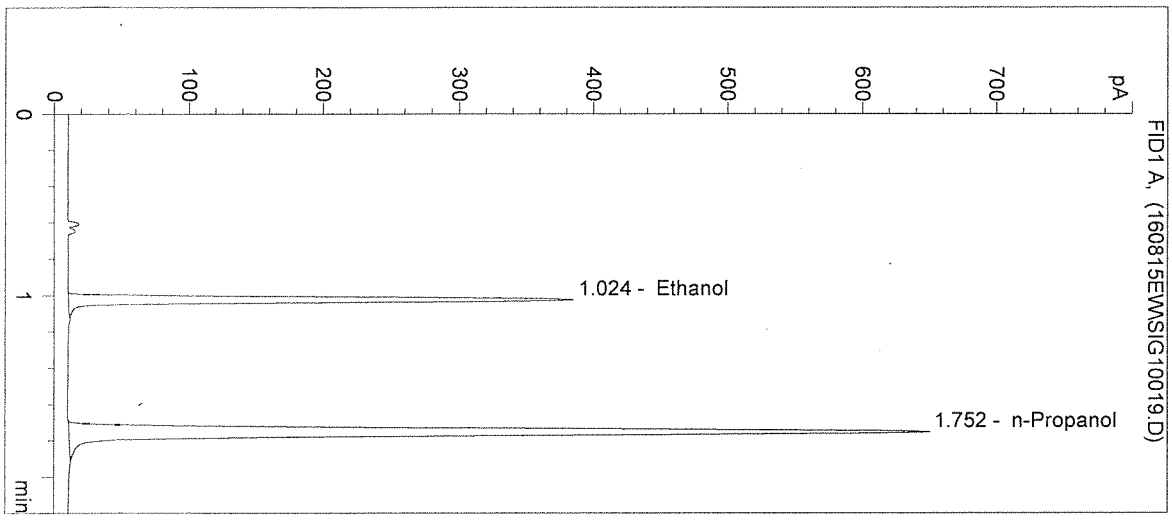
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\160815EW\SIG10018.D

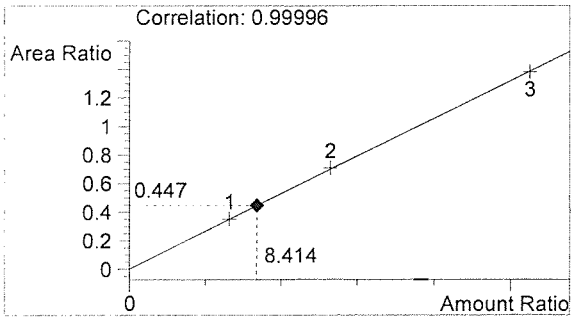
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/15/2016 2:56:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

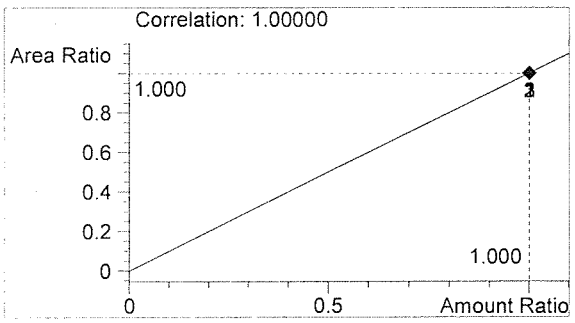
Sample Name: 16031 #3
Operator: Elizabeth Wehner
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	770	1.024
2	n-Propanol	1722	1.752



Ethanol 0.101 g/100mL



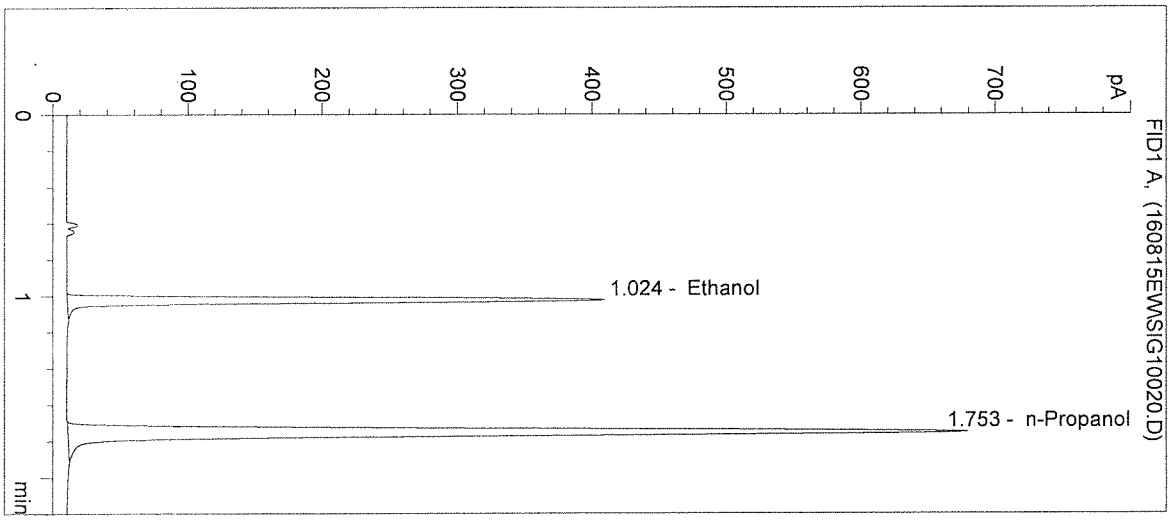
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\160815EW\SIG10019.D

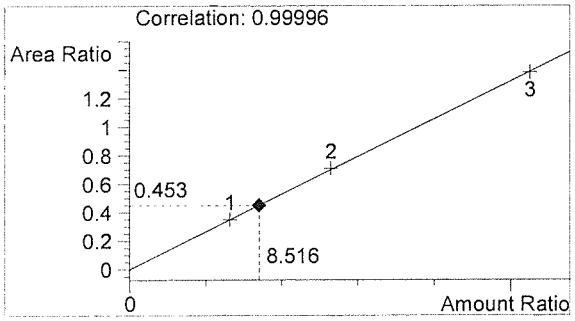
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/15/2016 3:00:02 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

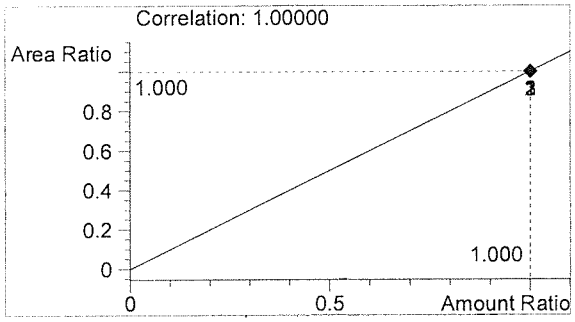
Sample Name: 16031 #4
Operator: Elizabeth Wehner
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	815	1.024
2	n-Propanol	1802	1.753



Ethanol 0.102 g/100mL



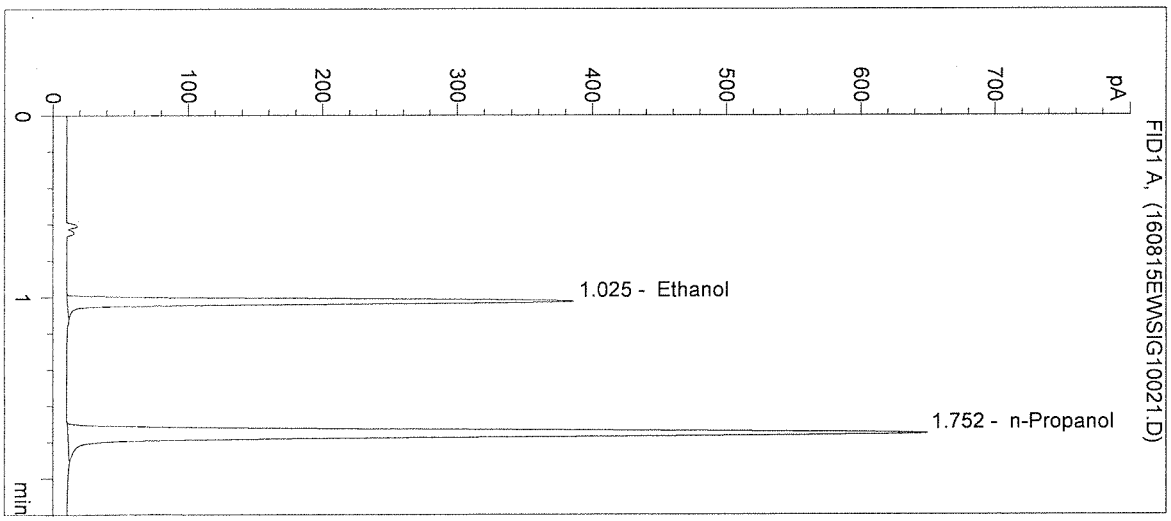
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\160815EW\SIG10020.D

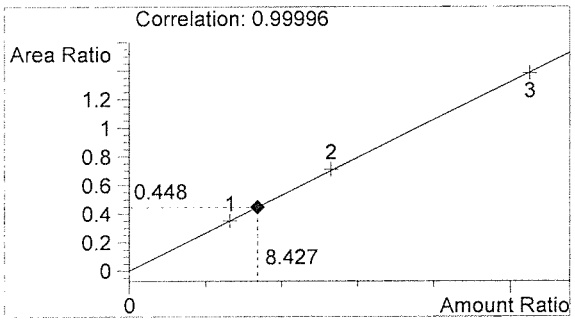
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/15/2016 3:03:18 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

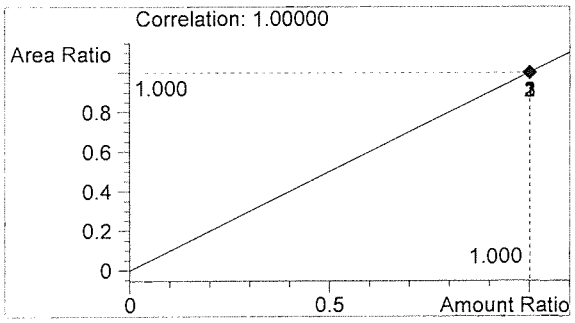
Sample Name: 16031 #5
Operator: Elizabeth Wehner
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	769	1.025
2	n-Propanol	1718	1.752



Ethanol 0.101 g/100mL



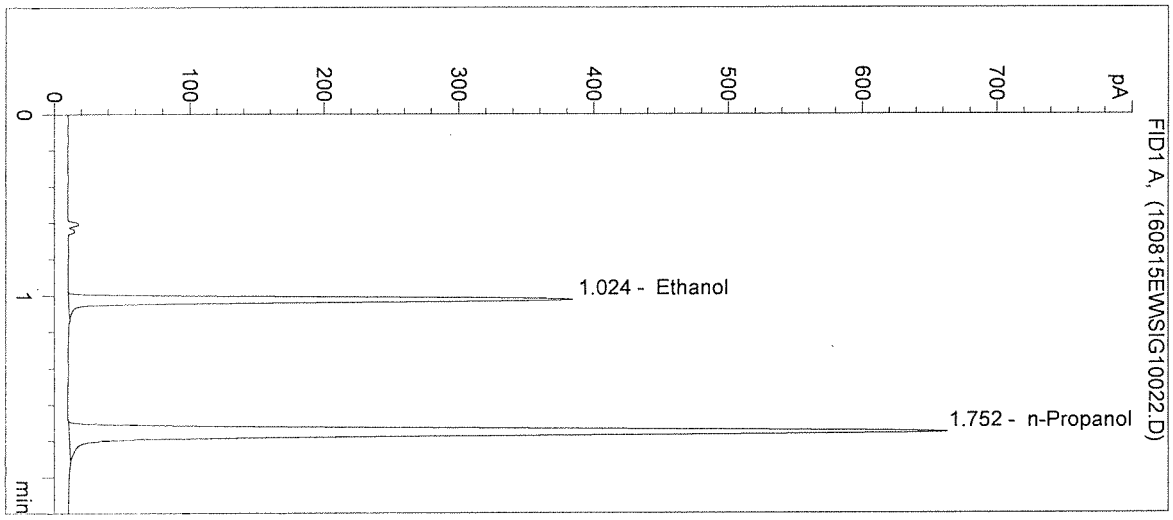
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\160815EW\SIG10021.D

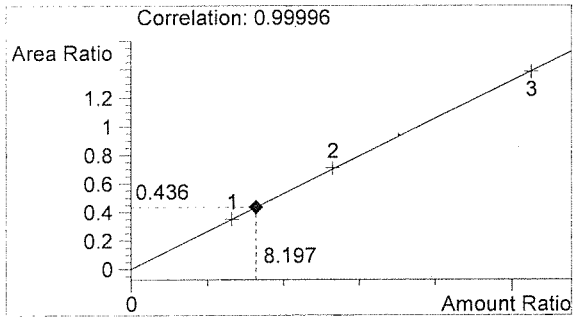
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/15/2016 3:06:30 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

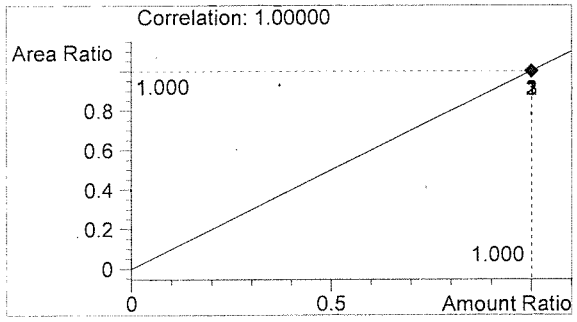
Sample Name: 0.10 CTRL
Operator: Elizabeth Wehner
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	766	1.024
2	n-Propanol	1759	1.752



Ethanol 0.098 g/100mL



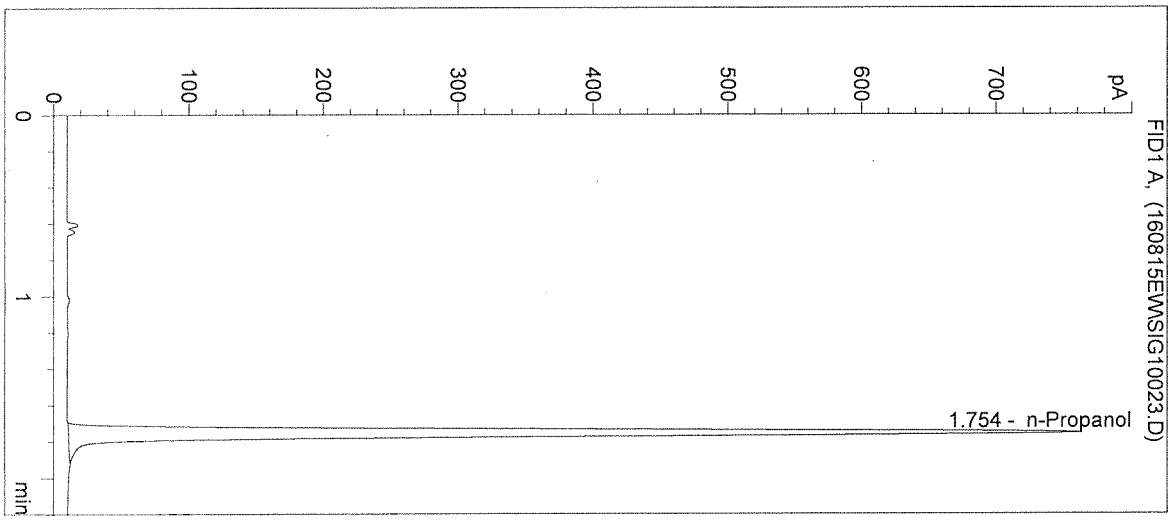
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\160815EW\SIG10022.D

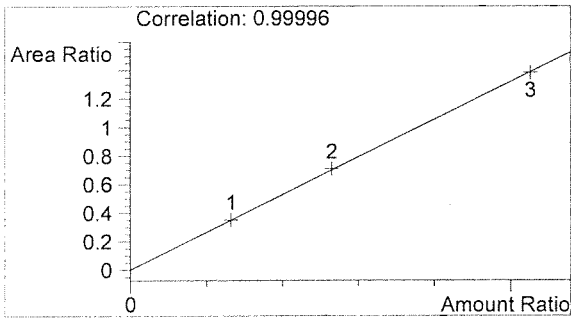
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/15/2016 3:09:43 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

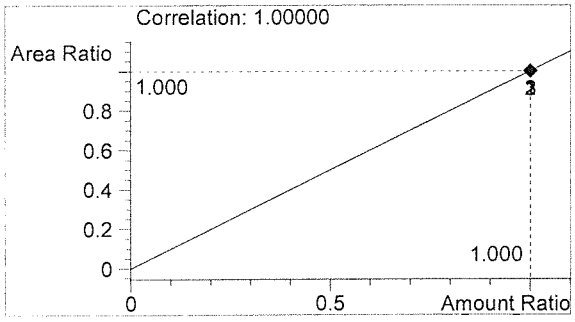
Sample Name: NEG CTRL
Operator: Elizabeth Wehner
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2028	1.754



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

EW

Data File: C:\HPCHEM\2\DATA\160815EW\SIG10023.D

Sequence: C:\HPCHEM\2\SEQUENCE\DN-ESS.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:	160816D2
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: E0416-01 - X: 10/01/16
CAL 2: 0.158 g/100mL - Lot: E0416-02 - X: 10/01/16
CAL 3: 0.316 g/100mL - Lot: E0416-03 - X: 10/01/16

CTRL 1: 0.04 g/100mL - Lot: FN05011301 - X: 05/2018
CTRL 2: 0.10 g/100mL - Lot: FN08051301 - X: 10/2018
CTRL 3: 0.20 g/100mL - Lot: FN03211401 - X: 06/2019

n-Propanol ISTD - Lot: P0716 - X: 10/22/16

Calibration vials 1-9 are filed with Batch 16030.

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	16030 #1	SIMALC3	1	Sample		
11	Vial 11	16030 #2	SIMALC3	1	Sample		
12	Vial 12	16030 #3	SIMALC3	1	Sample		
13	Vial 13	16030 #4	SIMALC3	1	Sample		
14	Vial 14	16030 #5	SIMALC3	1	Sample		
15	Vial 15	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	16031 #1	SIMALC3	1	Sample		
18	Vial 18	16031 #2	SIMALC3	1	Sample		
19	Vial 19	16031 #3	SIMALC3	1	Sample		
20	Vial 20	16031 #4	SIMALC3	1	Sample		
21	Vial 21	16031 #5	SIMALC3	1	Sample		
22	Vial 22	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		

16031
8/31/16

DN

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

Calibration Part:

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

16031

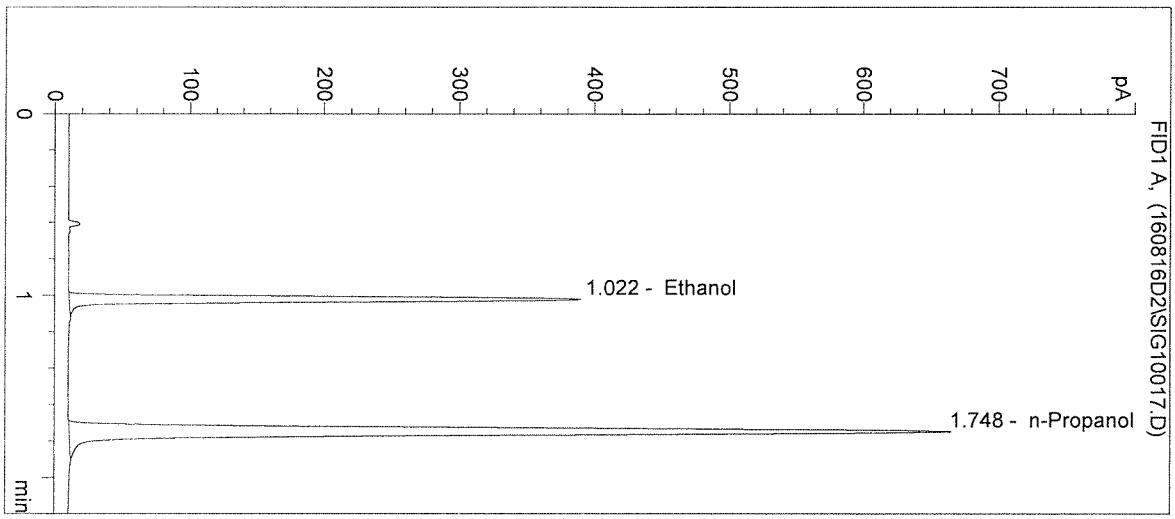
7/31/16

DN

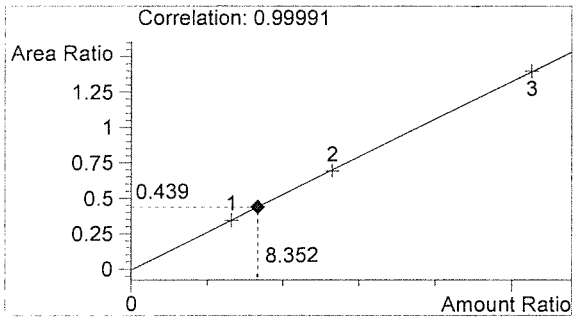
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2016 11:05:18 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

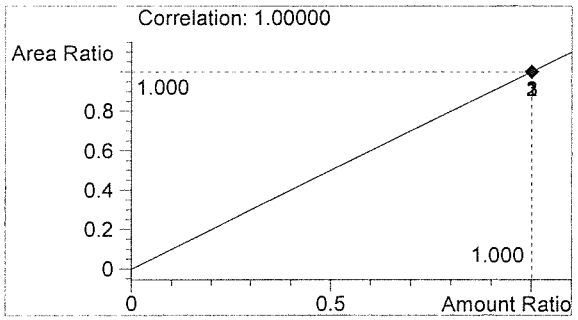
Sample Name: 16031 #1
Operator: David Nguyen
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	774	1.022
2	n-Propanol	1763	1.748



Ethanol 0.100 g/100mL

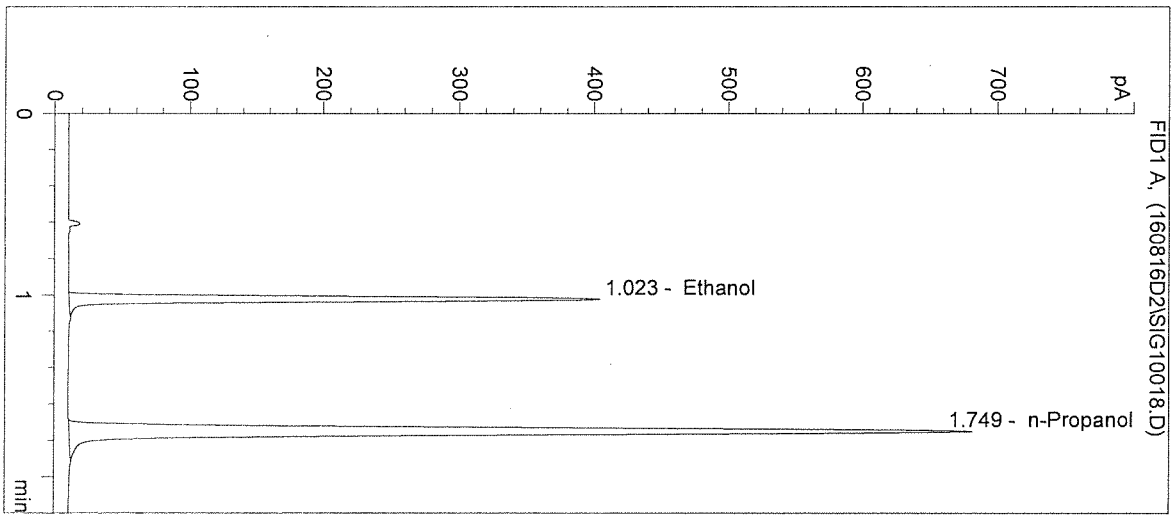


n-Propanol 0.012 g/100mL

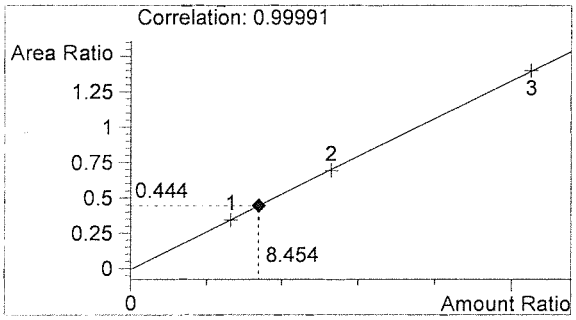
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2016 11:08:31 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

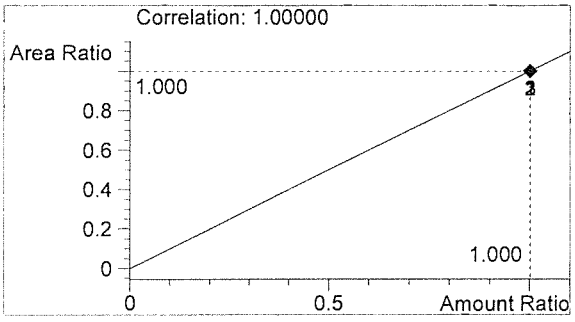
Sample Name: 16031 #2
Operator: David Nguyen
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	803	1.023
2	n-Propanol	1807	1.749



Ethanol 0.101 g/100mL



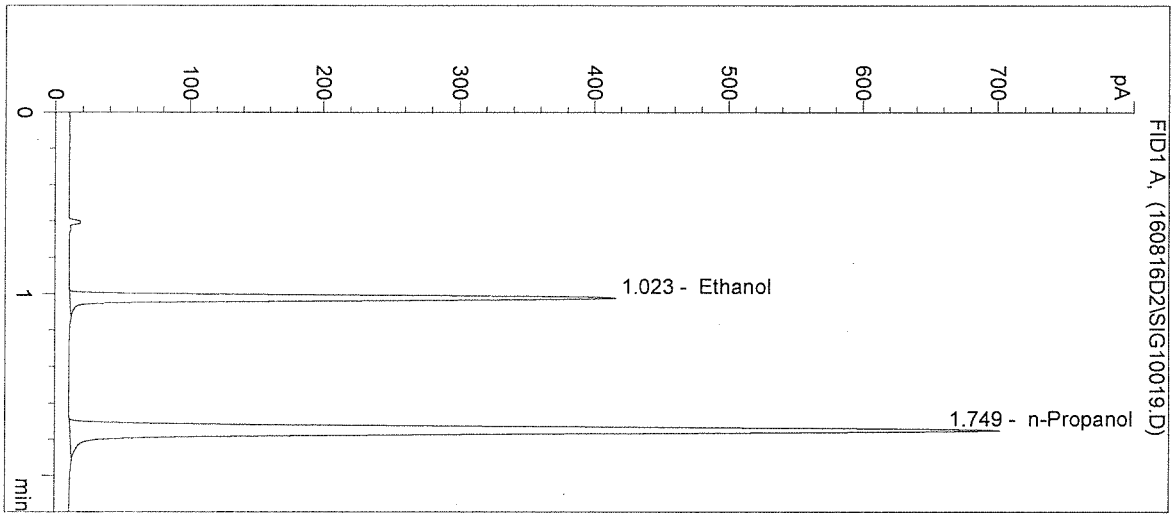
n-Propanol 0.012 g/100mL

DN

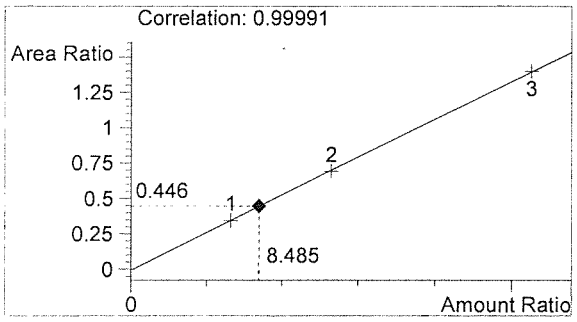
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2016 11:11:45 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

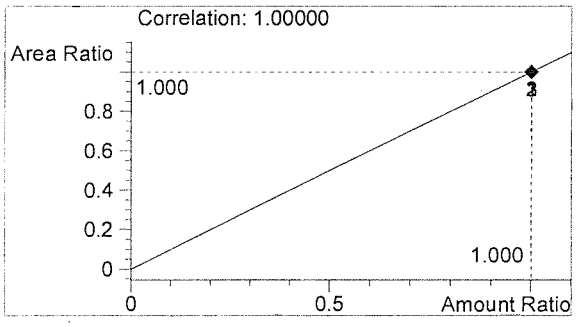
Sample Name: 16031 #3
Operator: David Nguyen
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	830	1.023
2	n-Propanol	1860	1.749



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

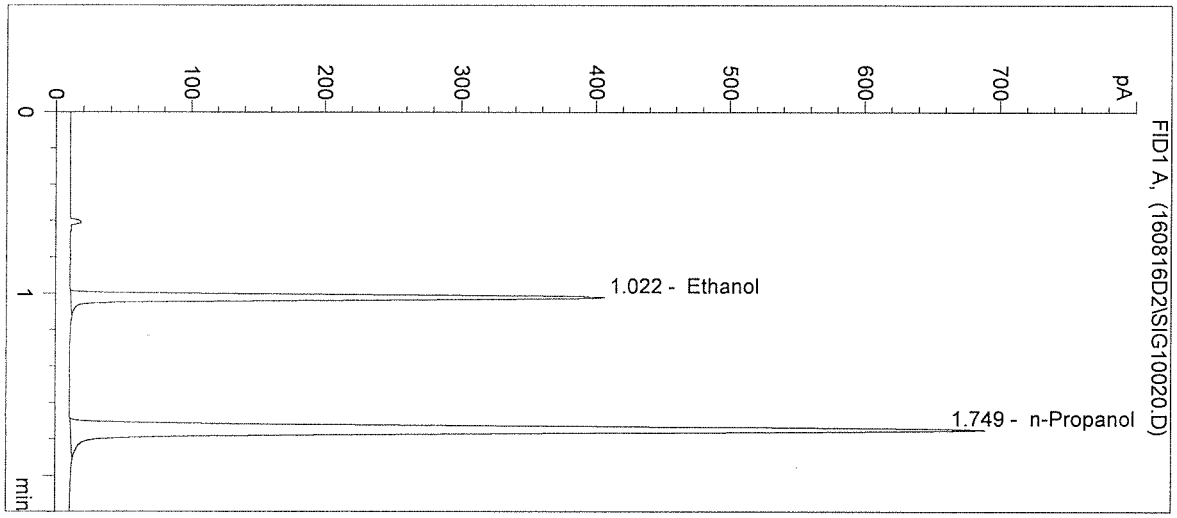
DN

Data File: C:\HPCHEM\2\DATA\160816D2\SIG10019.D

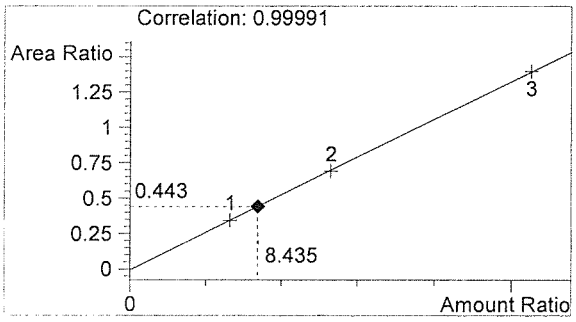
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2016 11:14:58 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

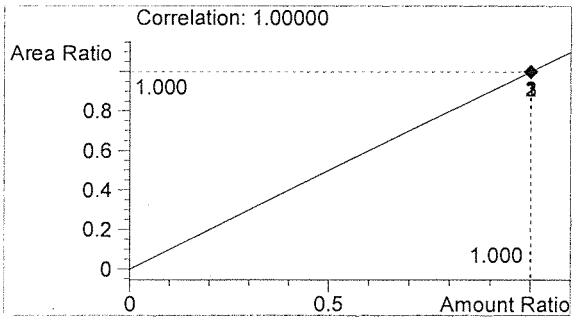
Sample Name: 16031 #4
Operator: David Nguyen
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	813	1.022
2	n-Propanol	1834	1.749



Ethanol 0.101 g/100mL

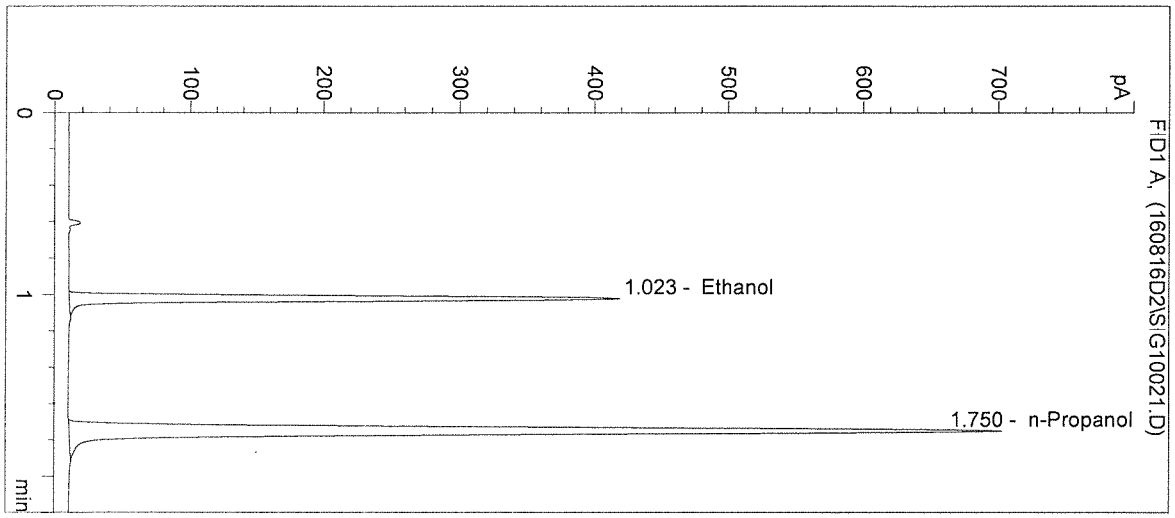


n-Propanol 0.012 g/100mL

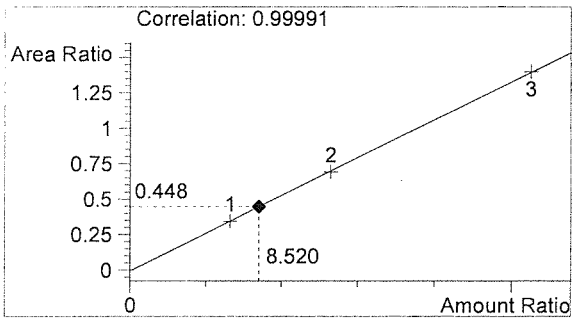
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2016 11:18:13 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

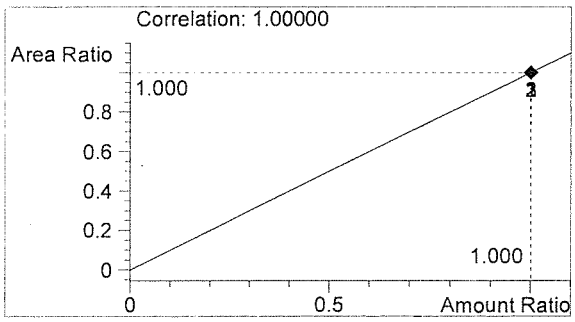
Sample Name: 16031 #5
Operator: David Nguyen
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	836	1.023
2	n-Propanol	1866	1.750



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

DN

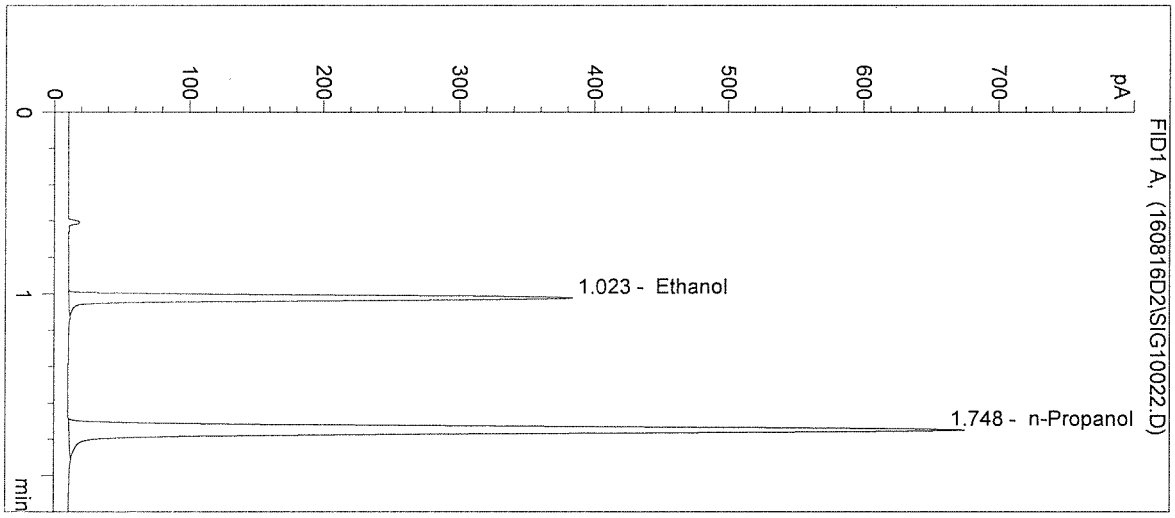
Data File: C:\HPCHEM\2\DATA\160816D2\SIG10021.D

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

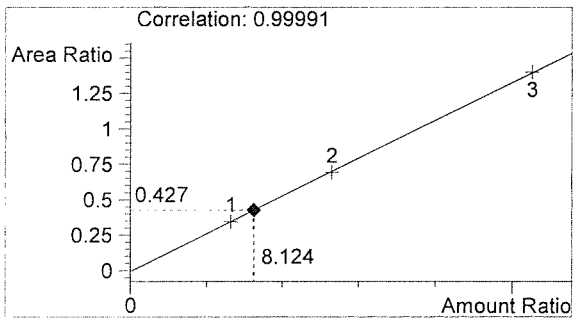
Inj. Date: 8/16/2016 11:21:24 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: POS CTRL: 0.10 g/100mL
16031

Sample Name: POS CTRL (0.10)
Operator: David Nguyen
Location: Vial 22

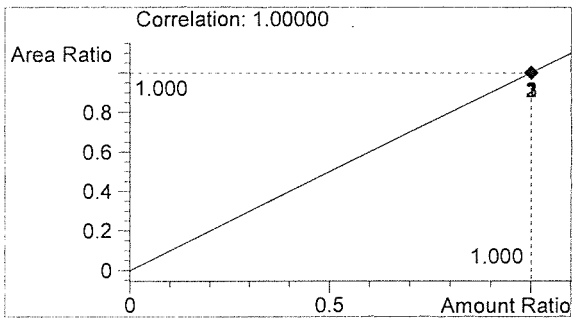
->



#	Compound	Peak Area	RT (min)
1	Ethanol	764	1.023
2	n-Propanol	1790	1.748



Ethanol 0.097 g/100mL

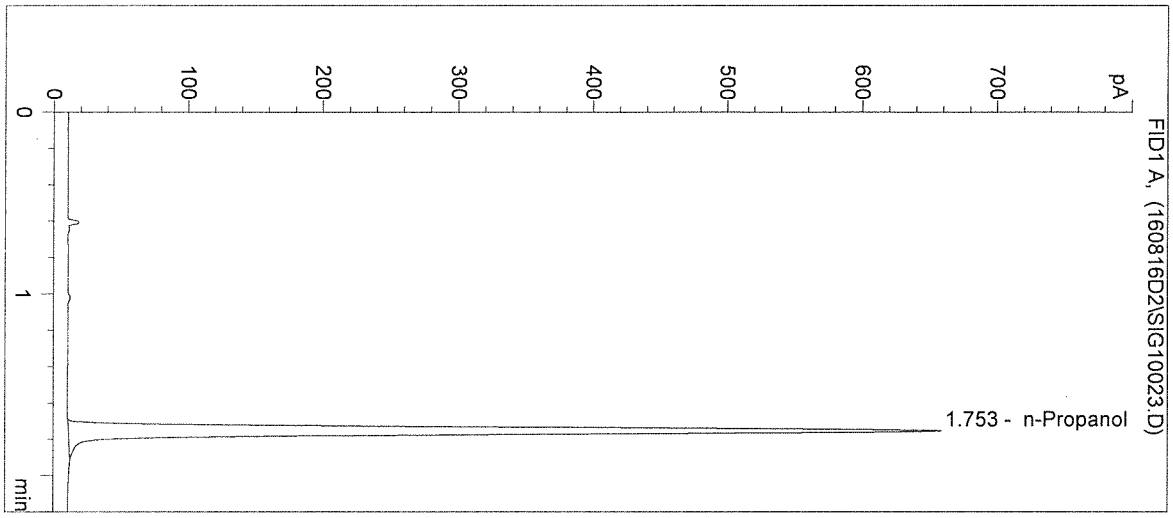


n-Propanol 0.012 g/100mL

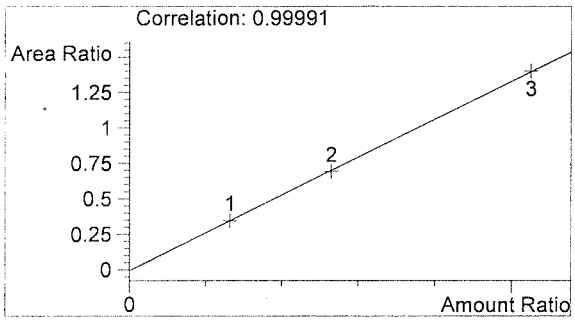
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2016 11:24:39 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

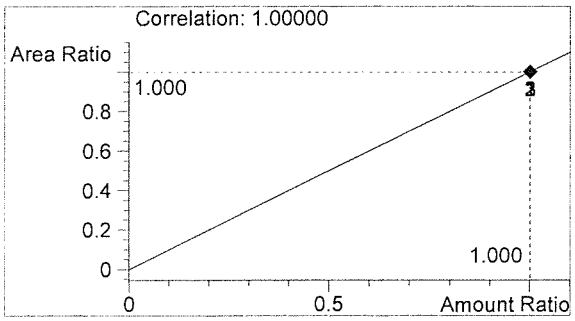
Sample Name: NEG CTRL
Operator: David Nguyen
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1744	1.753



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

DN

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

Sequence Parameters:

Operator:	Justin Knoy
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Signal 1 Counter:	0001
Signal 2 Prefix:	SIG2
Signal 2 Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	160817JK
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#E0416-01 - Exp 10/01/2016
Cal 2 (0.158 g/100mL) - Lot#E0416-02 - Exp 10/01/2016
Cal 3 (0.316 g/100mL) - Lot#E0416-03 - Exp 10/01/2016
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# P0716 - Exp 10/22/2016

Calibration vials 1-9 filed with Batch 16031.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC3	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC3	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC3	1	Ctrl Samp		
10	Vial 10	16031-1	SIMALC3	1	Sample		
11	Vial 11	16031-2	SIMALC3	1	Sample		
12	Vial 12	16031-3	SIMALC3	1	Sample		
13	Vial 13	16031-4	SIMALC3	1	Sample		
14	Vial 14	16031-5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC3	1	Ctrl Samp		

16031
8/31/16

Calibration Part:

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

JK

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

Sequence Table (Back Injector):

No entries - empty table!

16031

8/31/16

JK

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

Calibration Table

Calib. Data Modified : Wednesday, August 17, 2016 9:26:41 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
1.022	1	1	7.91100e-2	580.05804	1.36383e-4	1	Ethanol
		2	1.59090e-1	1140.48096	1.39494e-4		
		3	3.15200e-1	2257.99536	1.39593e-4		
1.747	1	1	1.20000e-2	1687.89941	7.10943e-6	I1	n-Propanol
		2	1.20000e-2	1703.35730	7.04491e-6		
		3	1.20000e-2	1694.14429	7.08322e-6		

16031

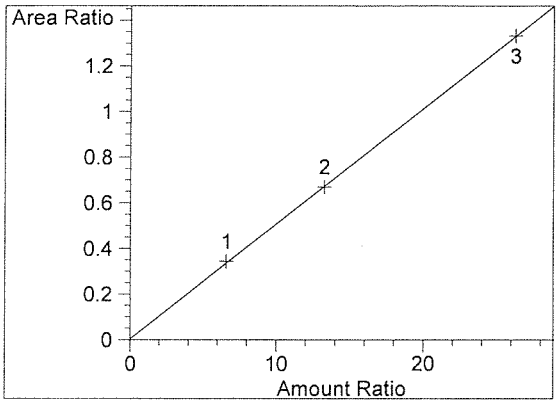
8/17/16

Peak Sum Table

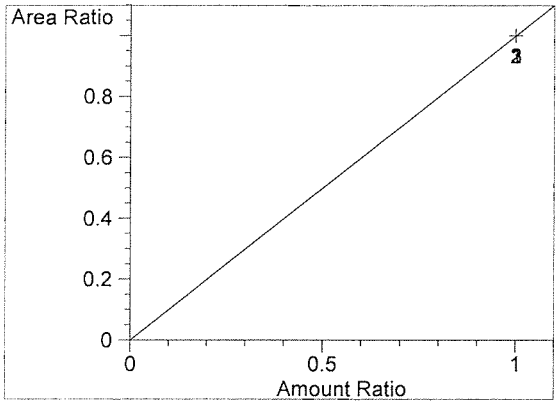
No Entries in table

JR

Calibration Curves



Ethanol at exp. RT: 1.022
FID1 A,
Correlation: 0.99996
Residual Std. Dev.: 0.00624
Formula: y = mx + b
m: 5.06080e-2
b: 3.03930e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.747
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

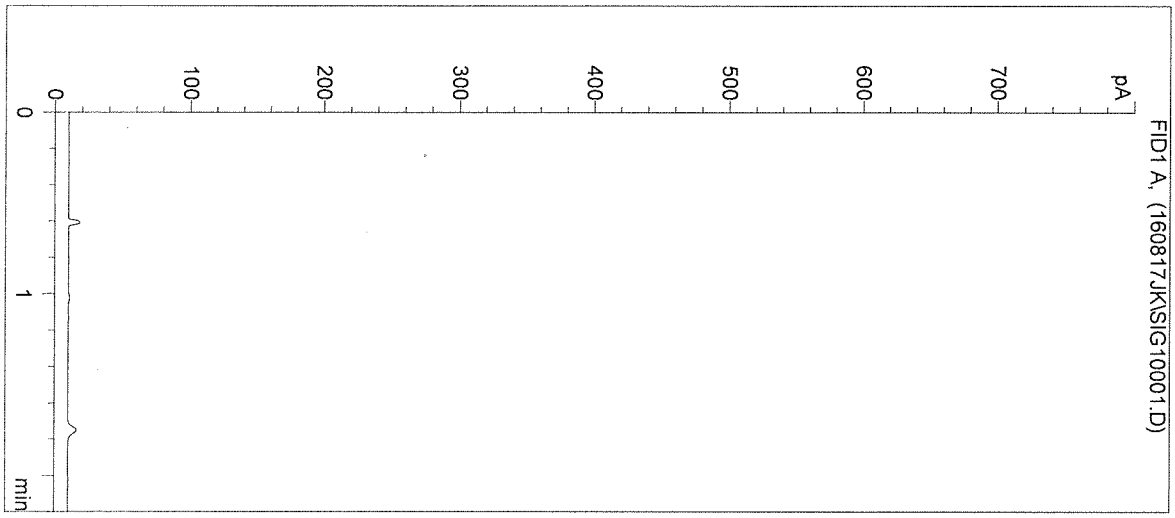
16031

JK

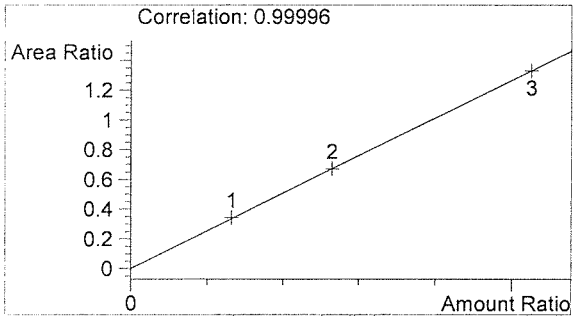
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/17/2016 9:14:37 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

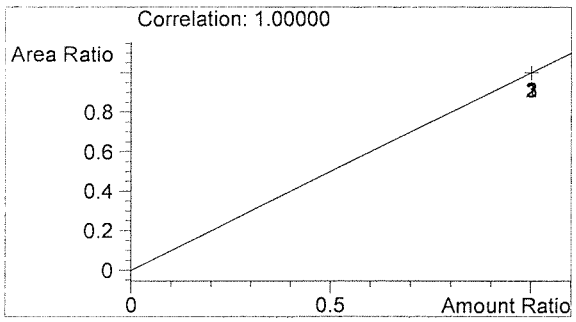
Sample Name: BLANK
Operator: Justin Knoy
Location: Vial 1



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



Ethanol 0.000 g/100mL

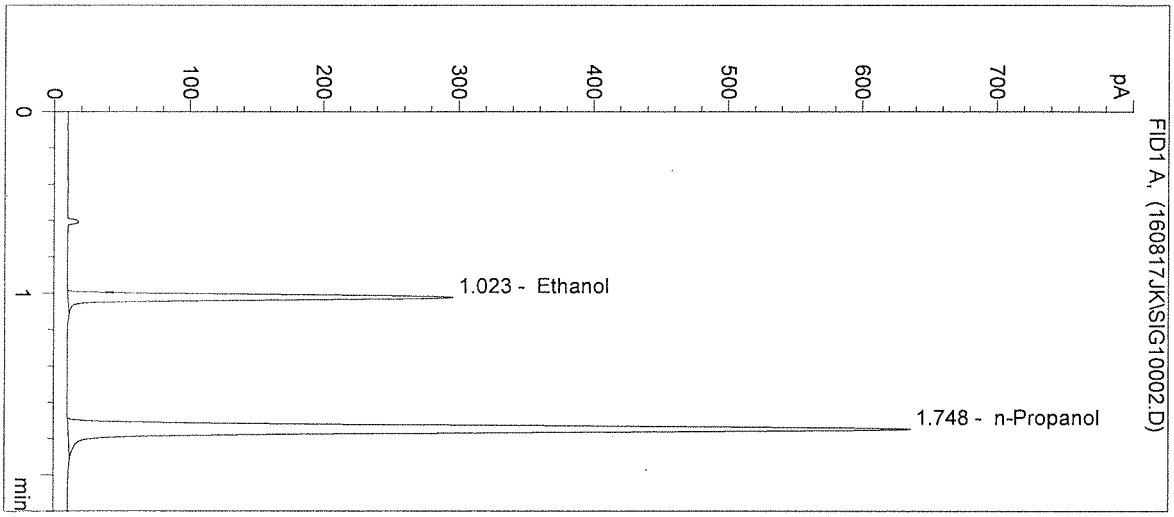


n-Propanol 0.000 g/100mL

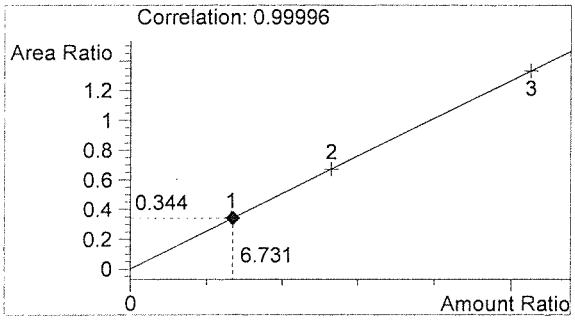
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/17/2016 9:17:55 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

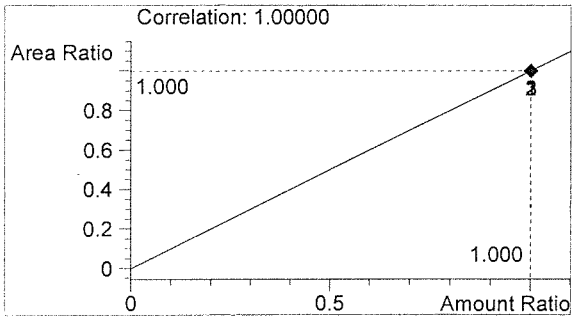
Sample Name: CAL1 0.079
Operator: Justin Knoy
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	580	1.023
2	n-Propanol	1688	1.748



Ethanol 0.081 g/100mL

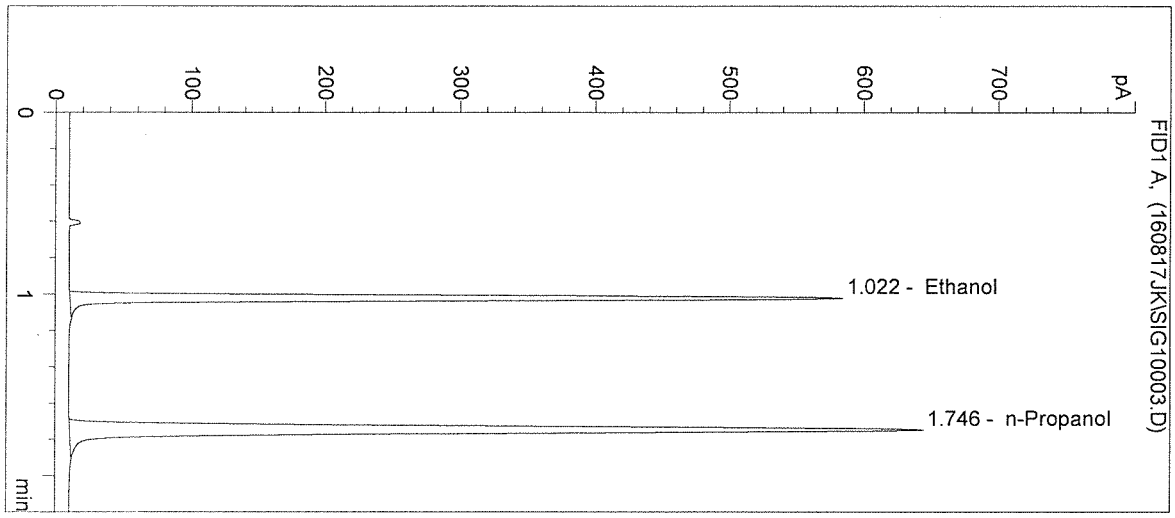


n-Propanol 0.012 g/100mL

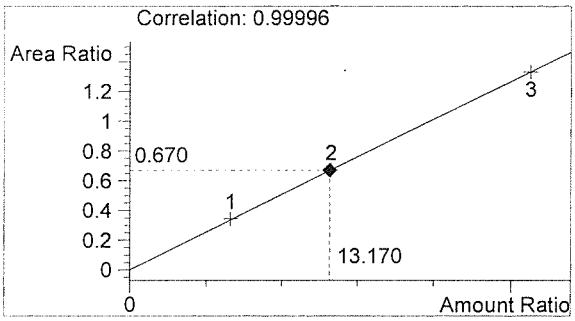
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/17/2016 9:21:12 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

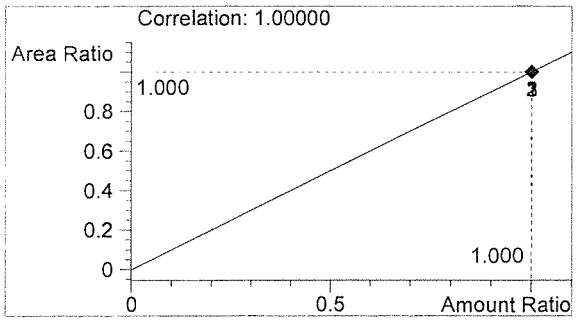
Sample Name: CAL2 0.158
Operator: Justin Knoy
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1140	1.022
2	n-Propanol	1703	1.746



Ethanol 0.158 g/100mL

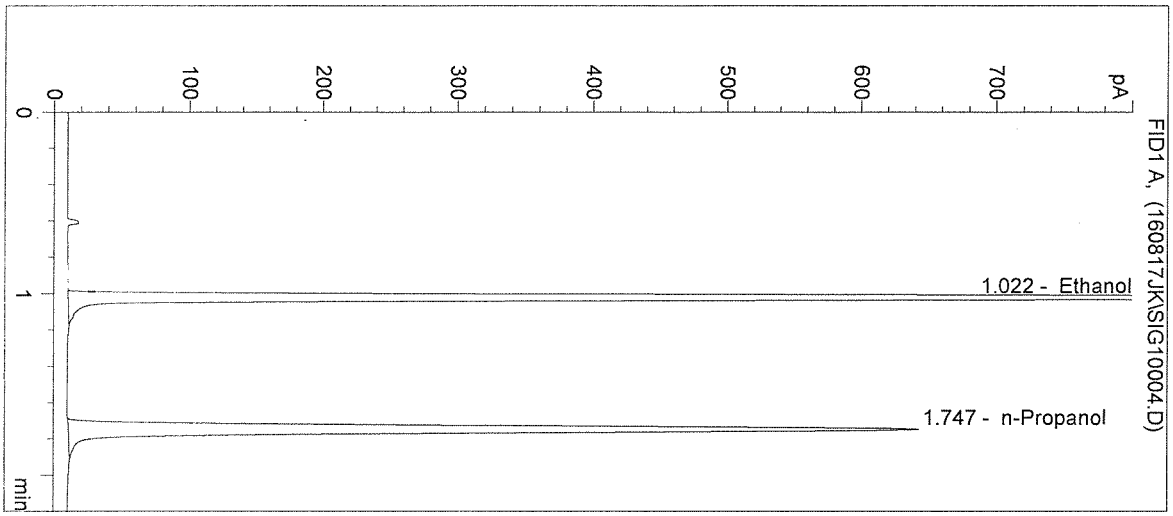


n-Propanol 0.012 g/100mL

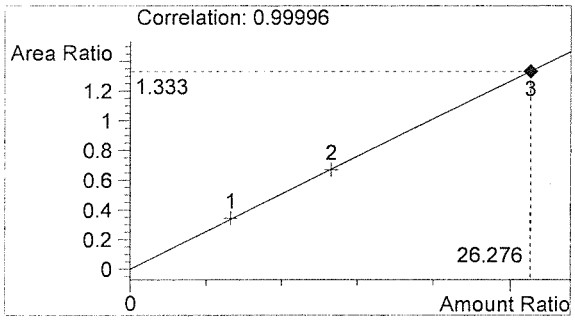
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/17/2016 9:24:29 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

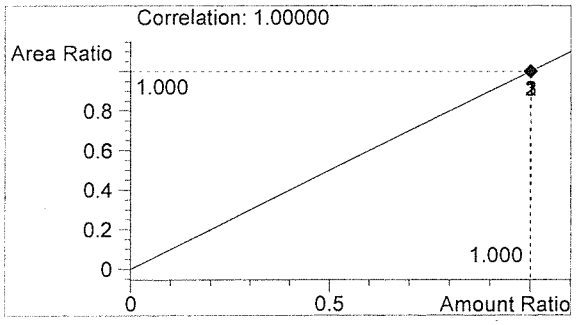
Sample Name: CAL3 0.316
Operator: Justin Knoy
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2258	1.022
2	n-Propanol	1694	1.747



Ethanol 0.315 g/100mL

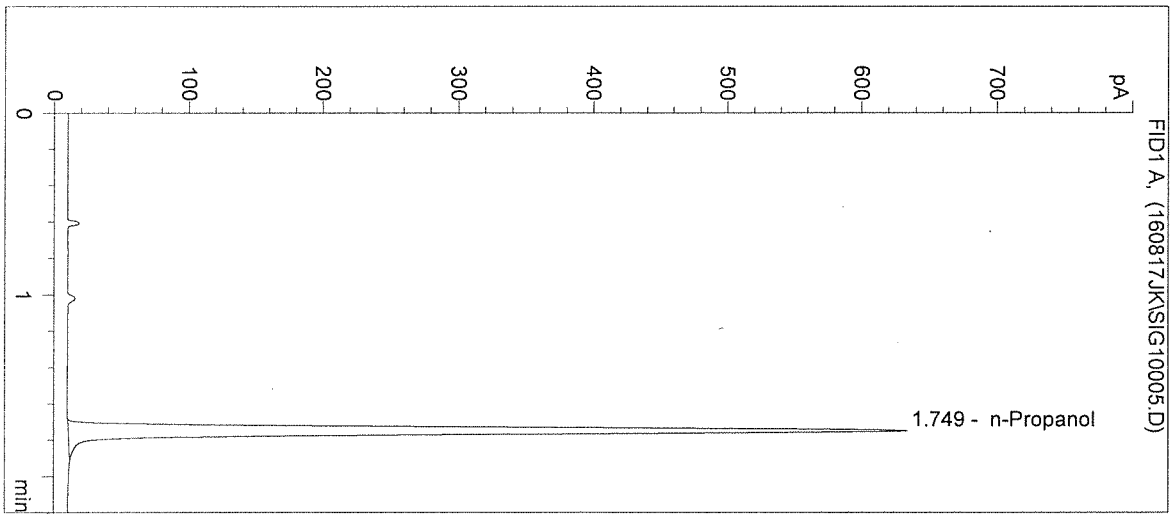


n-Propanol 0.012 g/100mL

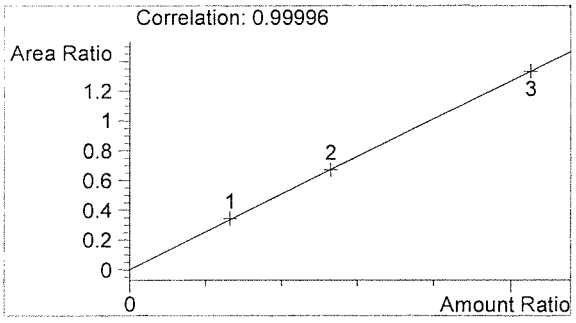
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/17/2016 9:27:43 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

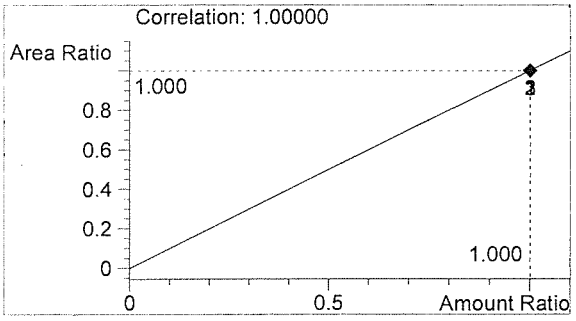
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1673	1.749



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

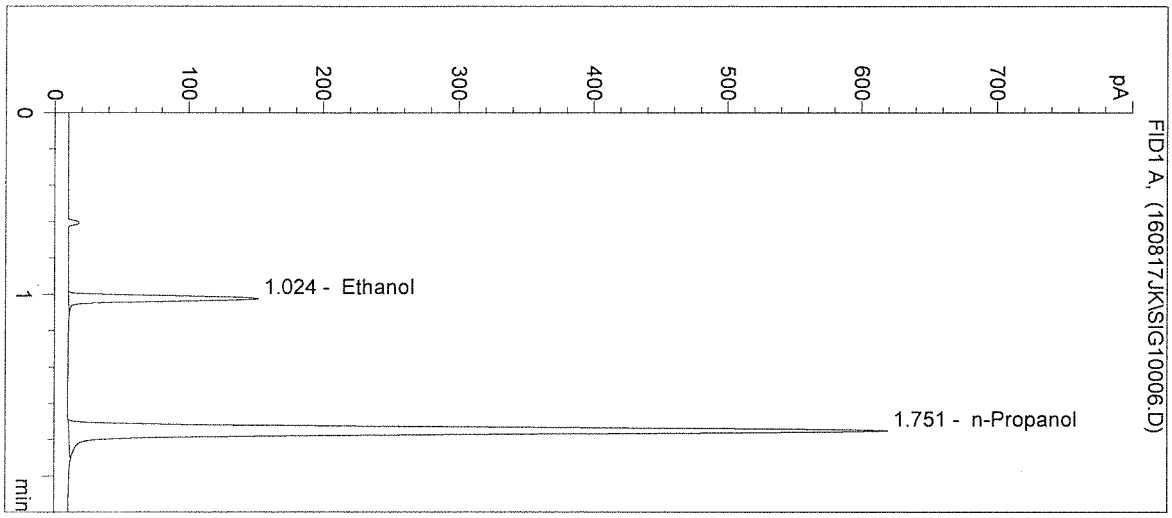
JK

Data File: C:\HPCHEM\2\DATA\160817JK\SIG10005.D

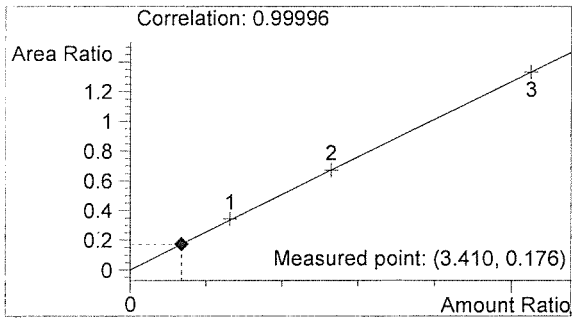
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/17/2016 9:30:56 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

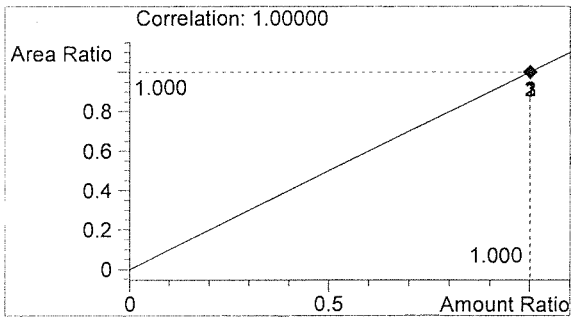
Sample Name: 0.04 CTRL JK
Operator: Justin Knoy
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	287	1.024
2	n-Propanol	1636	1.751



Ethanol 0.041 g/100mL



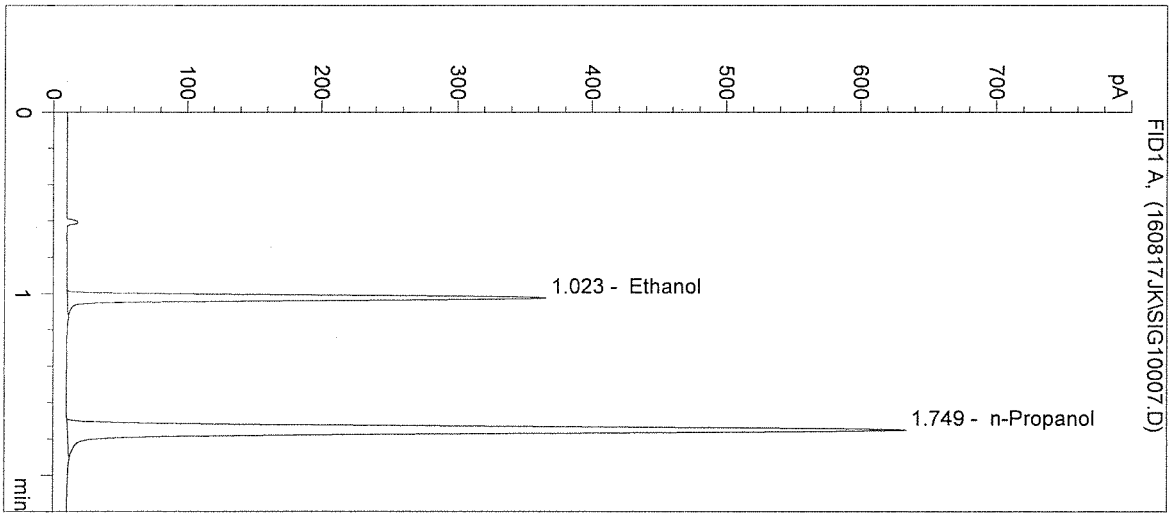
n-Propanol 0.012 g/100mL

JK

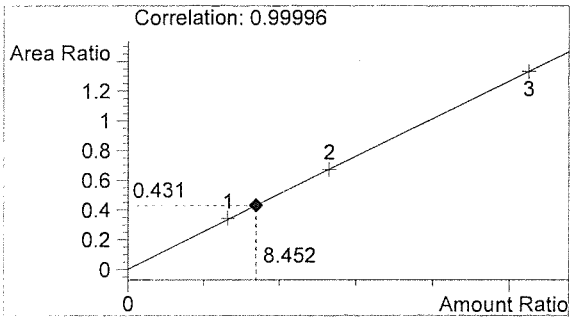
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/17/2016 9:34:09 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

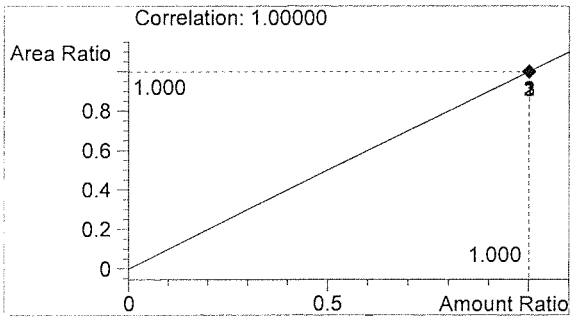
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	720	1.023
2	n-Propanol	1672	1.749



Ethanol 0.101 g/100mL

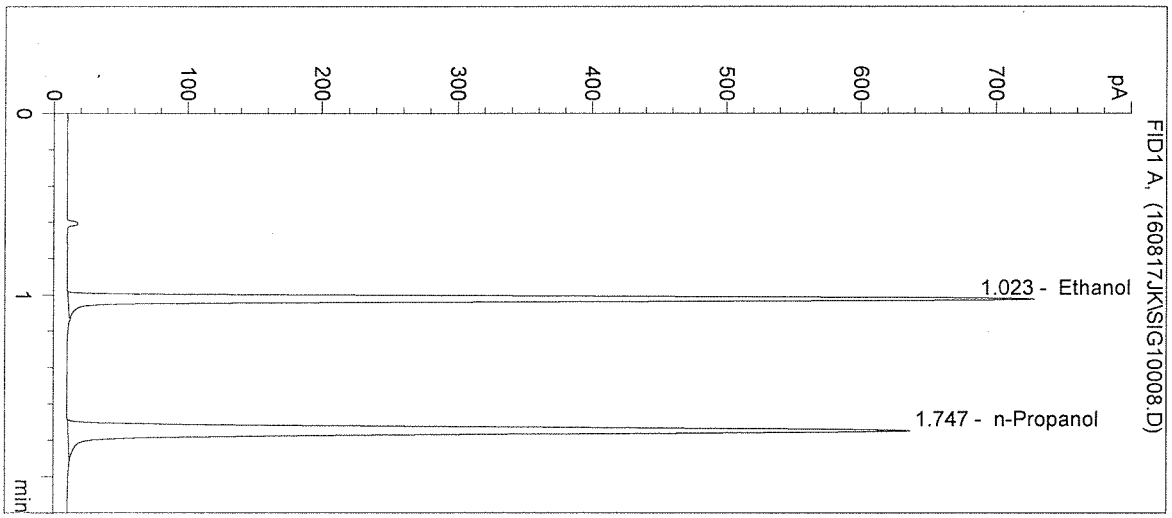


n-Propanol 0.012 g/100mL

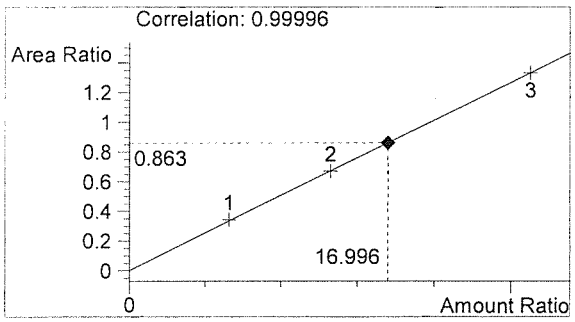
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/17/2016 9:37:22 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

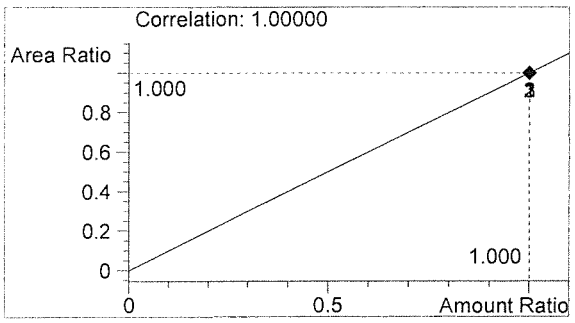
Sample Name: 0.20 CTRL JK
Operator: Justin Knoy
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1457	1.023
2	n-Propanol	1688	1.747



Ethanol 0.204 g/100mL



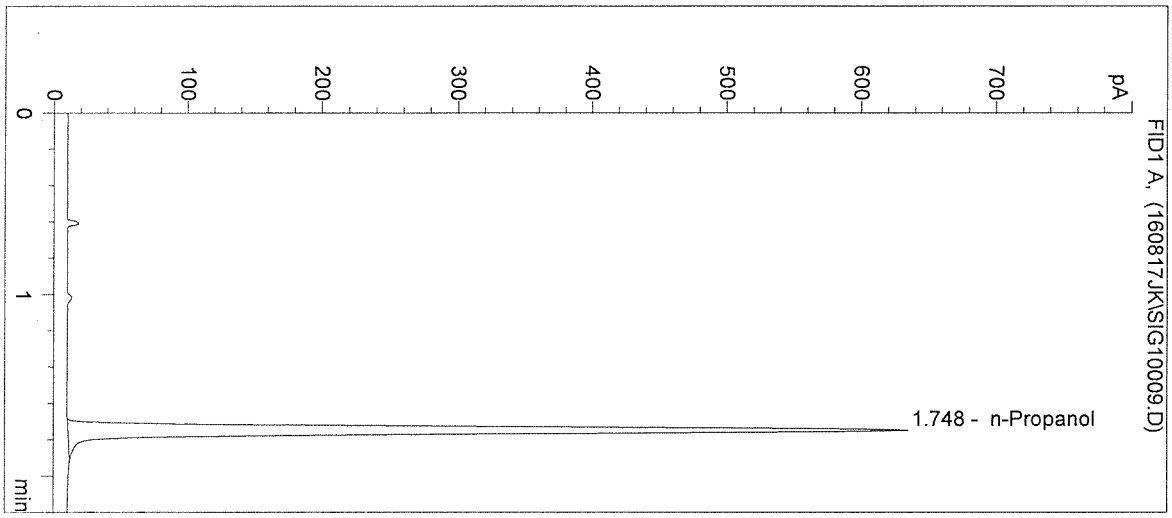
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\160817JK\SIG10008.D

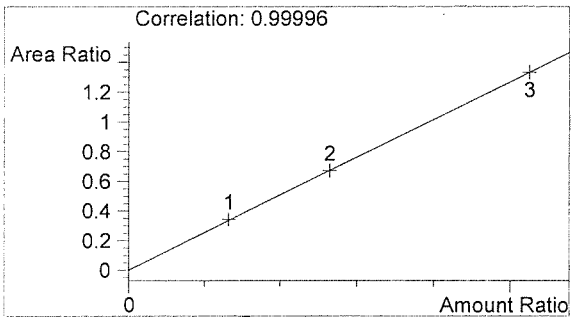
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/17/2016 9:40:36 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

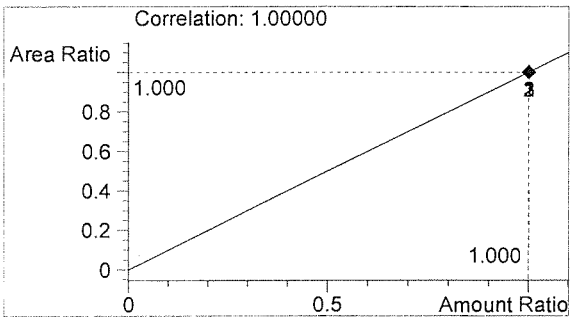
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1680	1.748



Ethanol 0.000 g/100mL



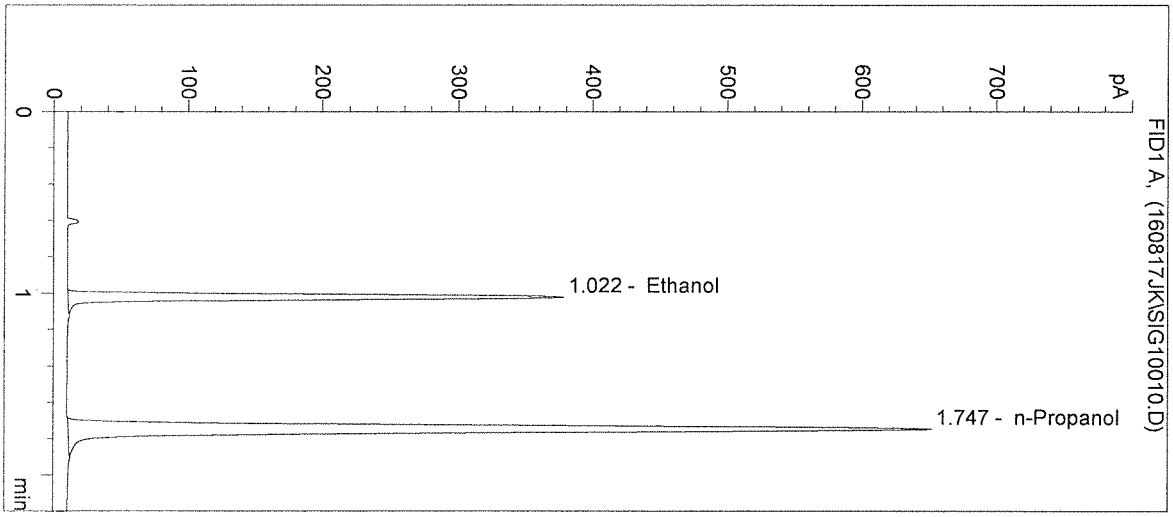
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\160817JK\SIG10009.D

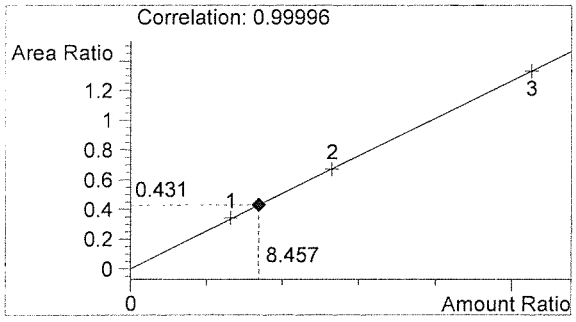
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/17/2016 9:43:48 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

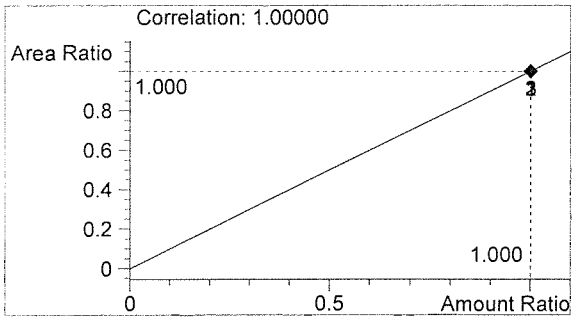
Sample Name: 16031-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	749	1.022
2	n-Propanol	1737	1.747



Ethanol 0.101 g/100mL

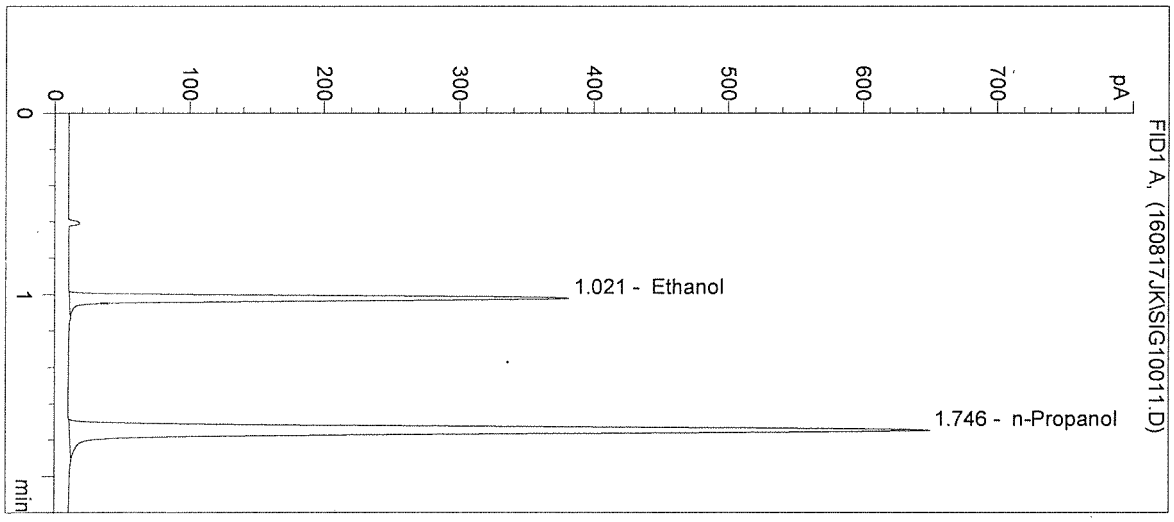


n-Propanol 0.012 g/100mL

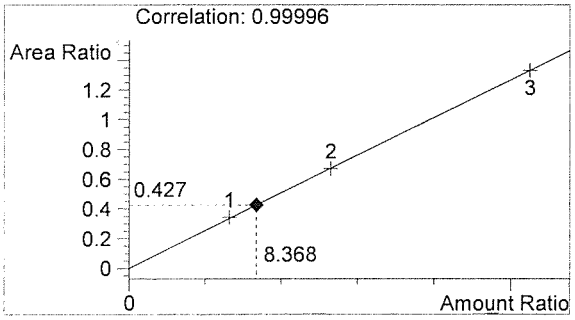
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/17/2016 9:47:02 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

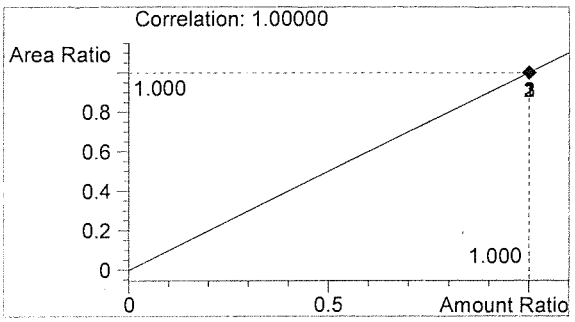
Sample Name: 16031-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	733	1.021
2	n-Propanol	1719	1.746



Ethanol 0.100 g/100mL

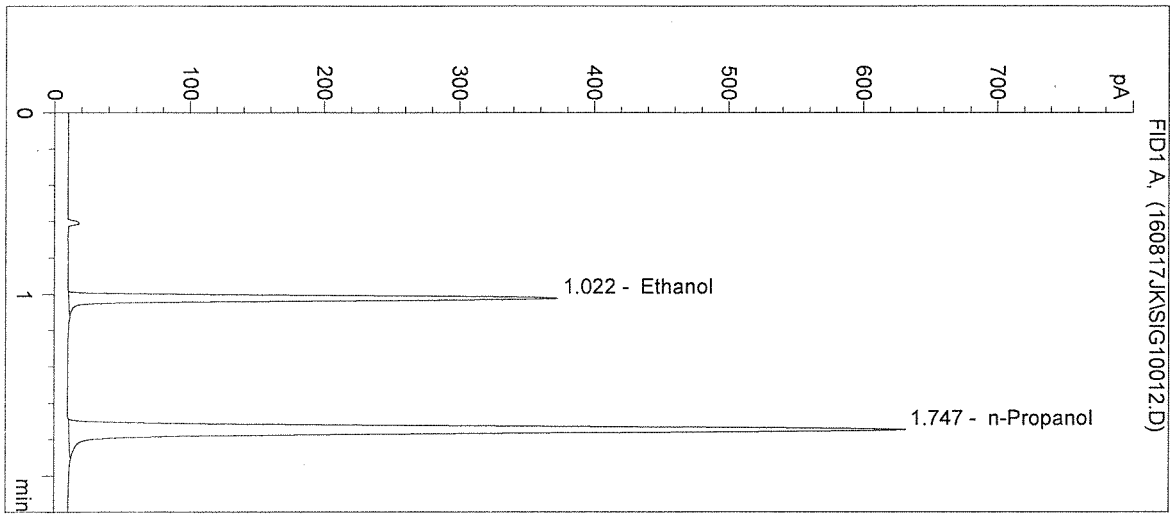


n-Propanol 0.012 g/100mL

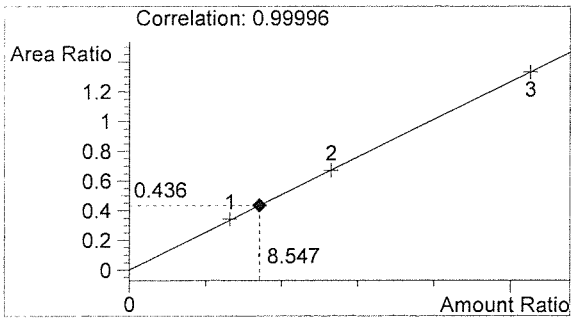
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/17/2016 9:50:15 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

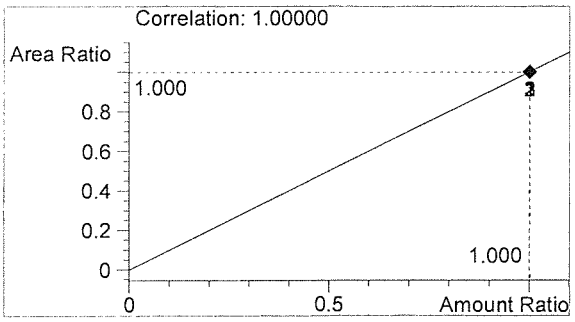
Sample Name: 16031-3
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	728	1.022
2	n-Propanol	1671	1.747



Ethanol 0.103 g/100mL

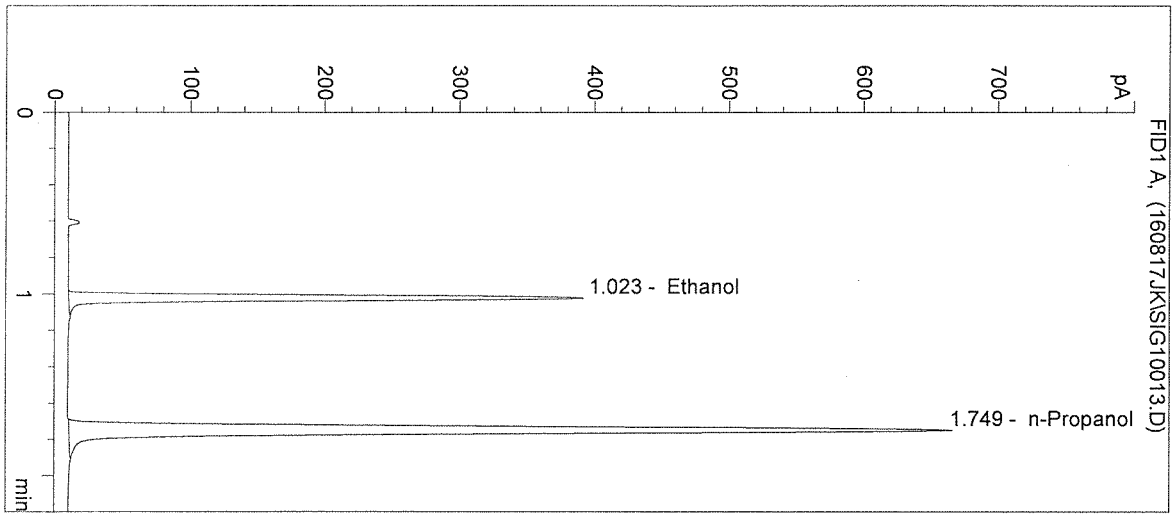


n-Propanol 0.012 g/100mL

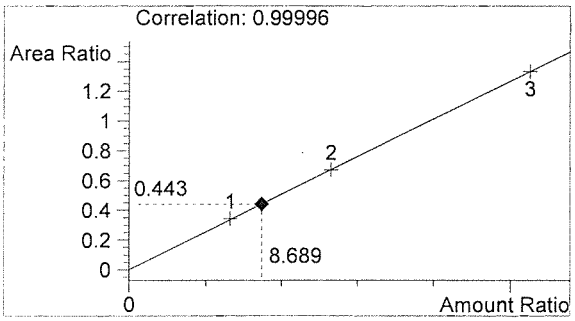
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/17/2016 9:53:28 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

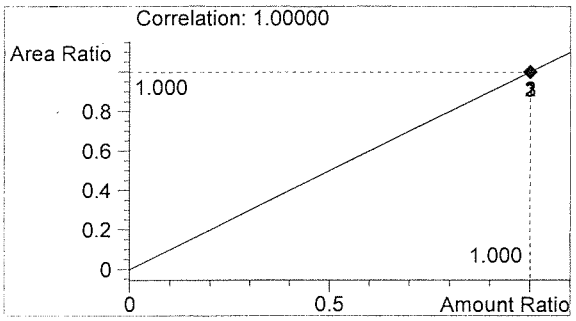
Sample Name: 16031-4
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	783	1.023
2	n-Propanol	1768	1.749



Ethanol 0.104 g/100mL



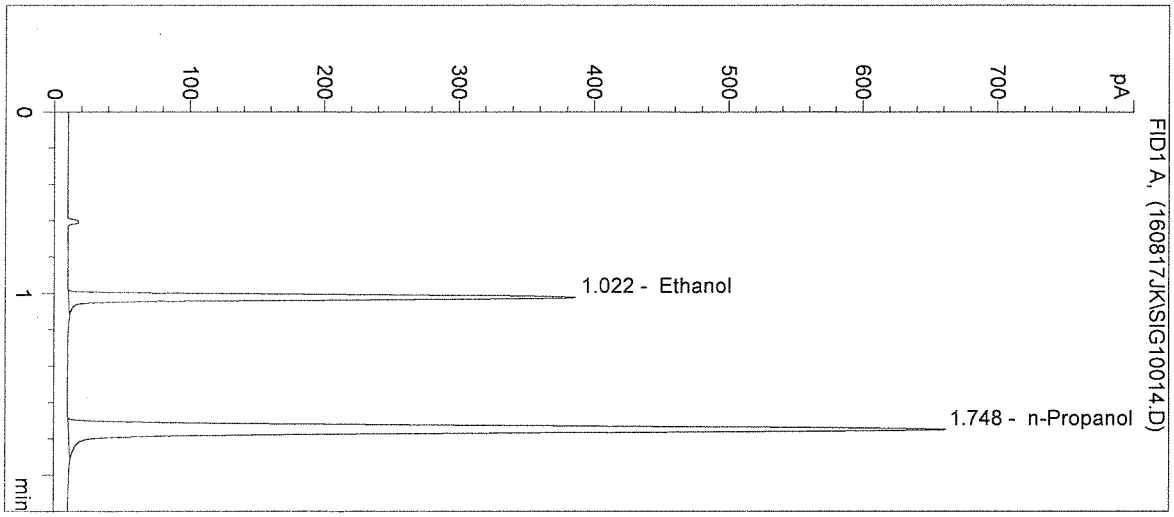
n-Propanol 0.012 g/100mL

JK

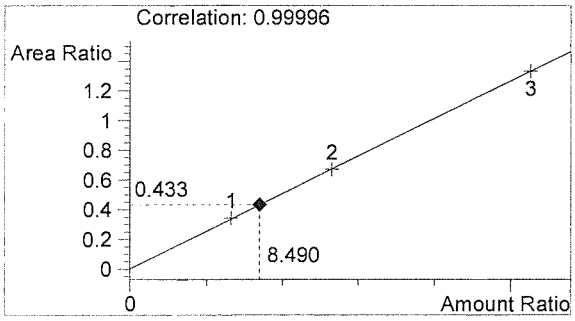
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/17/2016 9:56:43 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

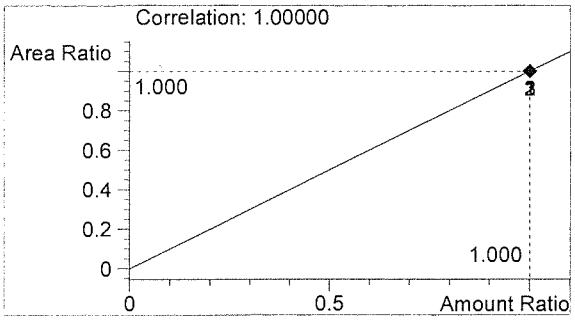
Sample Name: 16031-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	761	1.022
2	n-Propanol	1759	1.748



Ethanol 0.102 g/100mL



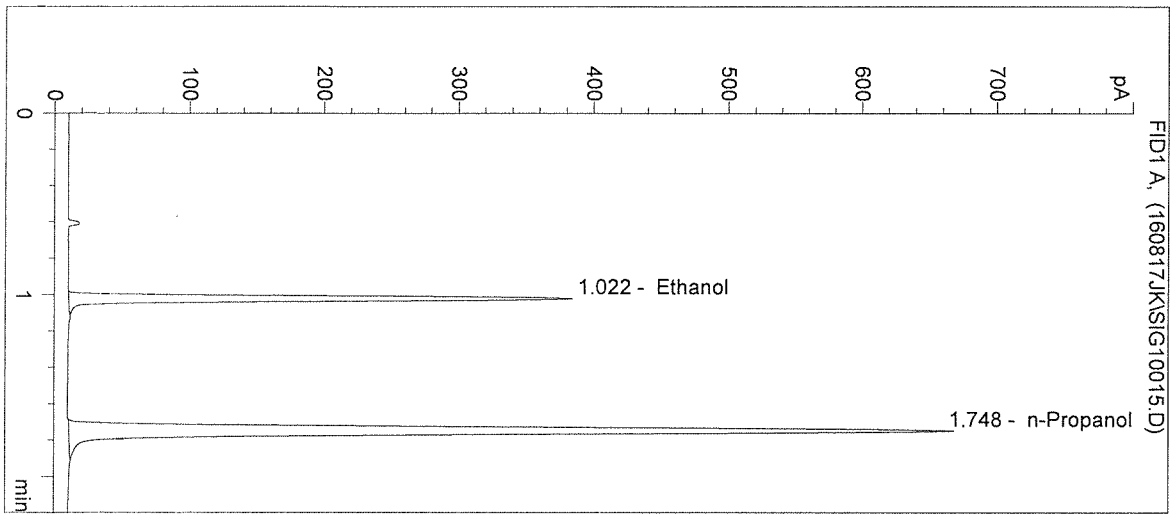
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\160817JK\SIG10014.D

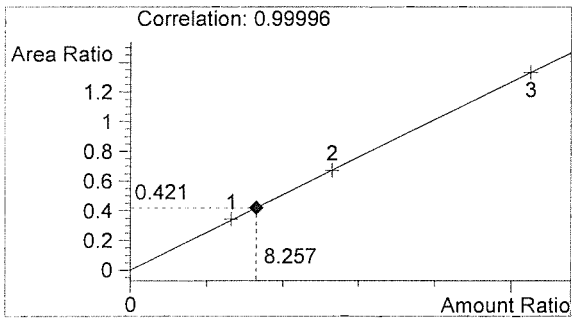
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/17/2016 9:59:55 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

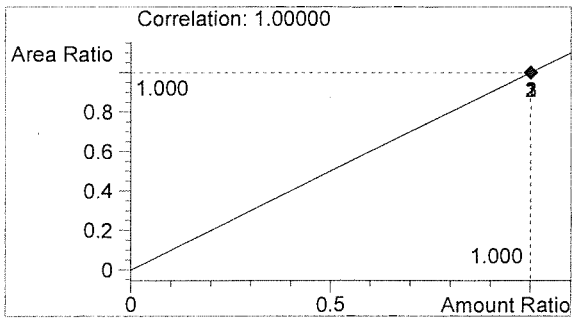
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	743	1.022
2	n-Propanol	1765	1.748



Ethanol 0.099 g/100mL



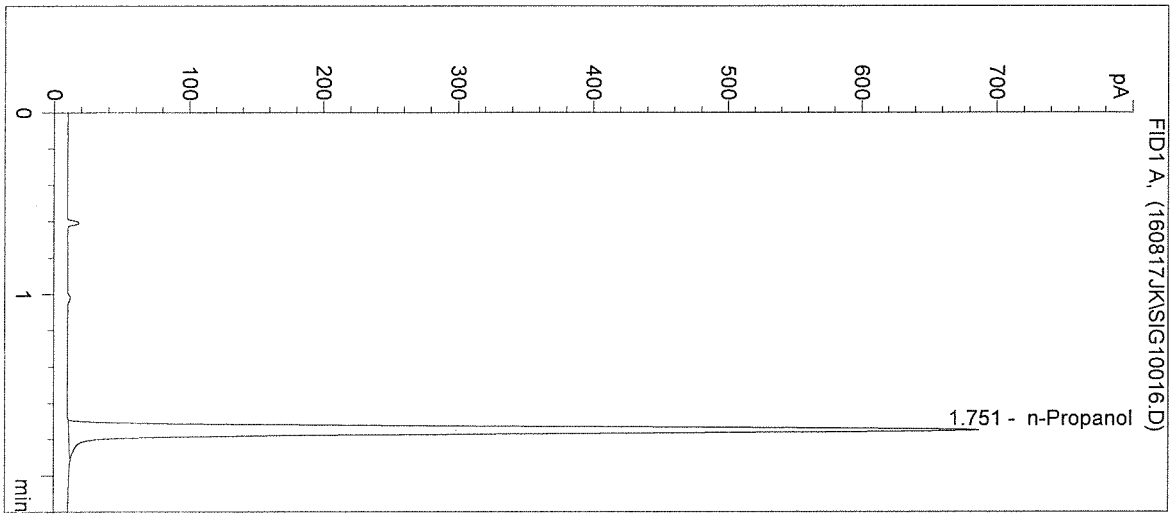
n-Propanol 0.012 g/100mL

JK

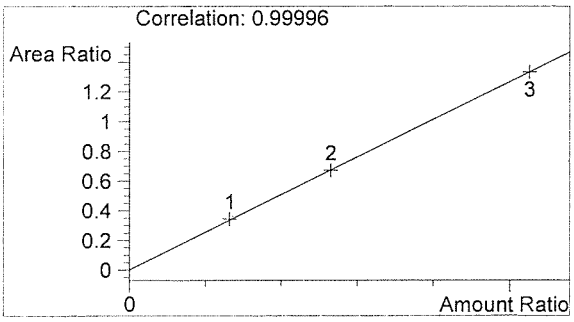
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/17/2016 10:03:09 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 16031

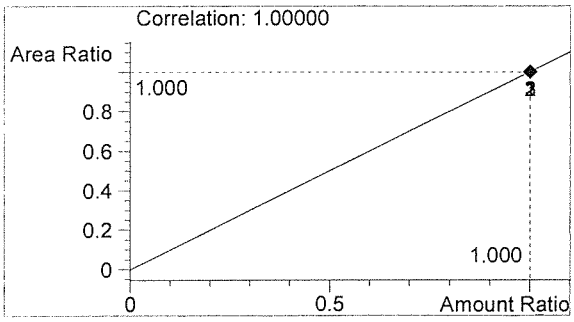
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1818	1.751



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL