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

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

QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 15029

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: 06/16/2015
BATCH UNITS: g/100mL
IDENTITY: QAP Solution
PREPARED BY: Brittany Thomas

	BT	JLK	EW
1	0.102	0.098	0.098
2	0.100	0.099	0.100
3	0.100	0.099	0.099
4	0.100	0.099	0.100
5	0.101	0.098	0.099
C	0.102	0.099	0.102

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.0995 g/100mL
STANDARD DEVIATION: 0.00113
PRECISION CV (%): 1.13
NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.0809 g/210L**
EXPANDED UNCERTAINTY: ± 0.0024 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Lisa Noble — Forensic Scientist Supervisor — 7/7/15 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
BT	Brittany Thomas	Brittany Thomas	06/16/2015
JLK	Justin L. Knoy	Justin L. Knoy	06/19/2015
EW	Elizabeth Wehner	Elizabeth Wehner	06/23/2015

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

QAP Solution Batch #: 15029 **Date Prepared:** 6/16/2015

Analyst:	BT	JLK	EW
Date Tested:	6/16/2015	6/19/2015	6/23/2015
Instrument:	HSGC #3	HSGC #3	HSGC #3
1	0.102	0.098	0.098
2	0.100	0.099	0.100
3	0.100	0.099	0.099
4	0.100	0.099	0.100
5	0.101	0.098	0.099
C	0.102	0.099	0.102

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef.}$
0.0000084100	0.0000085352	0.0000980296	0.0001016326

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

Average Solution Concentration: 0.0995 g/100mL
Standard Deviation: 0.00113 g/100mL
Precision CV (%): 1.13
Equivalent Vapor Concentration: 0.0809 g/210L
Combined Standard Uncertainty (±): 0.0012 g/210L
Expanded Uncertainty (±): 0.0024 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble (Name) Lisa Noble (Signature) 7/2/15 (Date)

Calculations verified by: Amanda M. Black (Name) (Signature) 7-7-15 (Date)

Method: Hand calculation

Tech. review performed by: Lisa Noble (Name) Lisa Noble (Signature) 7/1/15 (Date)

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 7-7-15

Location: WSP- FLSB Seattle, WA Solution Batch Number: 15029

	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: 7-7-15

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

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

Please initial and date below to affirm that you have:

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

	Initials	Date
Amanda Chandler		
Andrew Gingras		
Asa Louis		
Brittany Thomas	BT	7/2/15
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner	EW	07/02/15
Justin Knoy	JK	7.2-15
Katie Harris		
Lyndsey Lowe		
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 15029 7/2/15

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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

0.08 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 15029

I, Brittany Thomas, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology and a Masters in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 15029, was prepared in the Washington State Toxicology Laboratory on 6/16/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 6/16/2016.

Seattle, WA

Brittany Thomas 7/2/15

Brittany Thomas Date

Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 15029

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 quality assurance procedure (QAP) solution, Lot Number 15029, was prepared in the Washington State Toxicology Laboratory on 6/16/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 6/16/2016.

Seattle, WA

7-2-15

Justin L. Knoy — Date
Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

0.08 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 15029

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 quality assurance procedure (QAP) solution, Lot Number 15029, was prepared in the Washington State Toxicology Laboratory on 6/16/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 6/16/2016.

Seattle, WA

Elizabeth Wehner 07/02/15

Elizabeth Wehner Date

Forensic Scientist

Noble, Lisa (WSP)

From: Noble, Lisa (WSP)
Sent: Tuesday, July 07, 2015 12:21 PM
To: VanDiest, Jim (WSP); O'Brien, Pam (WSP); Birman, Cameron (WSP); McKee, Jon (WSP); Moberg, Tom (WSP); Madsen, Shane (WSP); Cramer, Ruth (WSP); Bogen, Bill (WSP); Havenner Jr, Albert (WSP); Sterkel, Mel (WSP)
Cc: Villanti, Brandon (WSP); Mosley, Lisa (WSP)
Subject: QAP solutions 15028, 15029 and 15030

Hello technicians,
There are three QAP solutions that are being approved today. Upon review, it was noticed that part of the units is missing from the label. Instead of saying, for example, 0.04 g/210L, it just says 0.04/210L (gram designation is missing). The batch number, concentration (15028 is a 0.04, 15029 is a 0.08 and 15030 is a 0.15), preparer, preparation and expiration dates are still on the label as usual.

You will find the correct units for each solution on the test report that accompanies these batches, should you happen to receive any. Rather than re-label all the bottles, we are sending you this email notification so that you are aware of the typographical error on the labels.

Please let me know if you have any questions.
Thanks,

Lisa Noble
Forensic Scientist Supervisor
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Suite 360
Seattle, WA 98134
Phone: 206-262-6100
Fax: 206-262-6145

15029 fn 7/7/15

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

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

Preparation Date: 6/16/15 Expiration Date: 6/16/16 Initials of Preparer: BT

Lot # of 200-proof Ethanol used in preparation: ZDC0208

Date the 200-proof Ethanol bottle was opened: 3/10/15

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

Environmental conditions verified as acceptable: ☑

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	☑	15028
QAP 0.08	22.4	18	☑	15029
QAP 0.10	28.1	18	☐	
QAP 0.15	42.1	18	☐	
QAP 0.20	56.1	18	☐	
ESS	66.5	52	☐	

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 6/16/15 Date

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

Comments:

Analyst Signature

6/16/15 Date

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

Sequence Parameters:

Operator:	Brittany Thomas
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	150616BT
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
CAL 1 (0.079g/100mL) - LOT# E0615-01 - EXP 6/16/2015
CAL 2 (0.158g/100mL) - LOT# E0615-02 - EXP 6/16/2015
CAL 3 (0.316g/100mL) - LOT# E0615-03 - EXP 6/16/2015
CTRL 1 (0.04g/100mL) - LOT# FN05011301 - EXP 05/2018
CTRL 2 (0.10g/100mL) - LOT# FN08051301 - EXP 10/2018
CTRL 3 (0.20g/100mL) - LOT# FN03211401 - EXP 06/2019
n-Propanol ISTD - LOT# P0615 - 09/04/2015
Calibrators and controls (vials 1-9) located in 15028 folder

BT 7/2/15
Cal 1-3 exp 12/2/15
BT 6/16/15

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-BT	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-BT	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-BT	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		
10	Vial 10	QAP0.04 15028 #1	SIMALC3	1	Sample		
11	Vial 11	QAP0.04 15028 #2	SIMALC3	1	Sample		
12	Vial 12	QAP0.04 15028 #3	SIMALC3	1	Sample		
13	Vial 13	QAP0.04 15028 #4	SIMALC3	1	Sample		
14	Vial 14	QAP0.04 15028 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL-BT	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		
17	Vial 17	QAP0.08 15029 #1	SIMALC3	1	Sample		
18	Vial 18	QAP0.08 15029 #2	SIMALC3	1	Sample		
19	Vial 19	QAP0.08 15029 #3	SIMALC3	1	Sample		
20	Vial 20	QAP0.08 15029 #4	SIMALC3	1	Sample		
21	Vial 21	QAP0.08 15029 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 CTRL-BT	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		
24	Vial 24	QAP0.15 15030 #1	SIMALC3	1	Sample		
25	Vial 25	QAP0.15 15030 #2	SIMALC3	1	Sample		
26	Vial 26	QAP0.15 15030 #3	SIMALC3	1	Sample		
27	Vial 27	QAP0.15 15030 #4	SIMALC3	1	Sample		
28	Vial 28	QAP0.15 15030 #5	SIMALC3	1	Sample		

BT

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
29	Vial 29	0.10 CTRL-BT	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

15029
BT 7/1/15

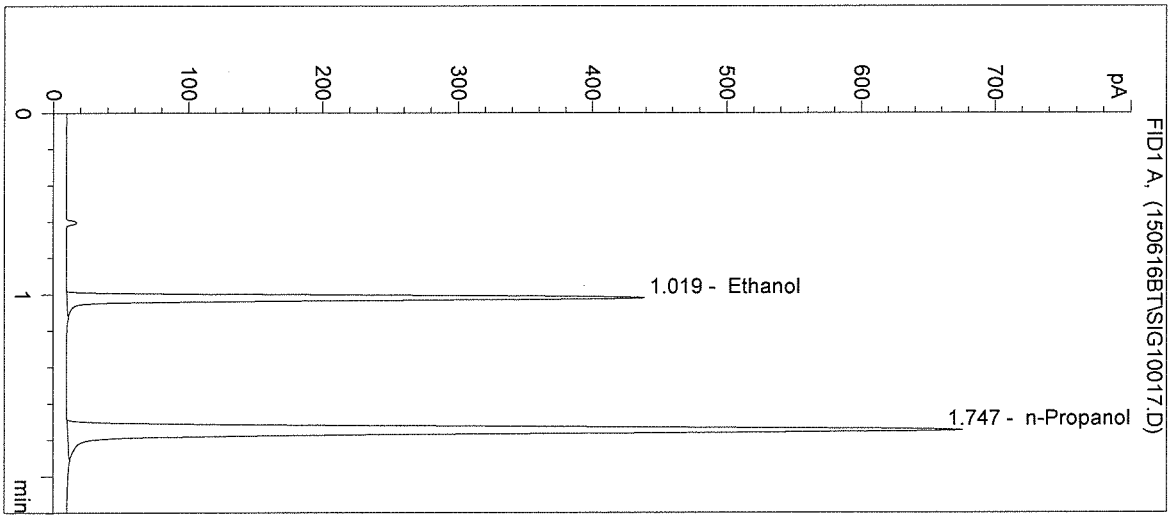
BT

BT

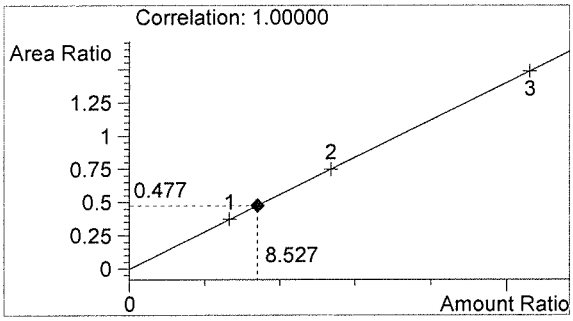
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/16/2015 11:33:04 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

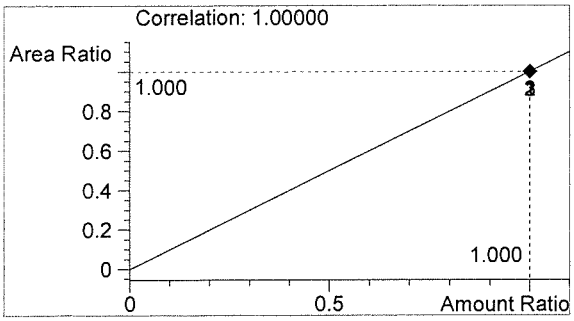
Sample Name: QAP0.08 15029 #1
Operator: Brittany Thomas
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	847	1.019
2	n-Propanol	1774	1.747



Ethanol 0.102 g/100mL

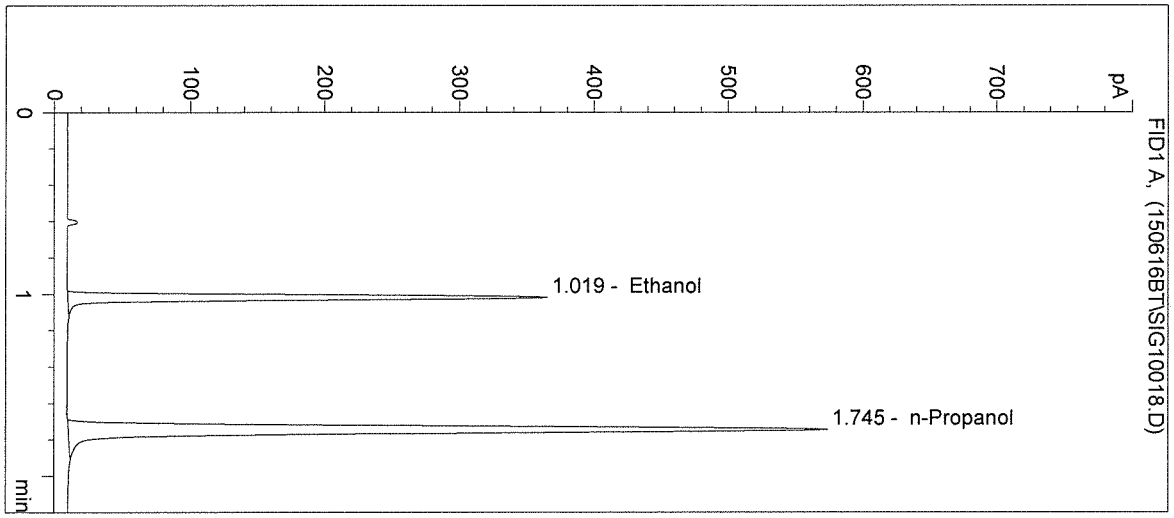


n-Propanol 0.012 g/100mL

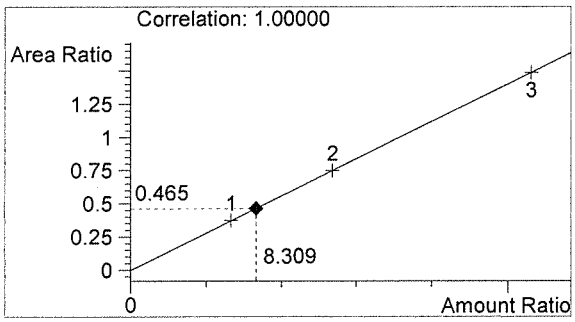
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/16/2015 11:36:17 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

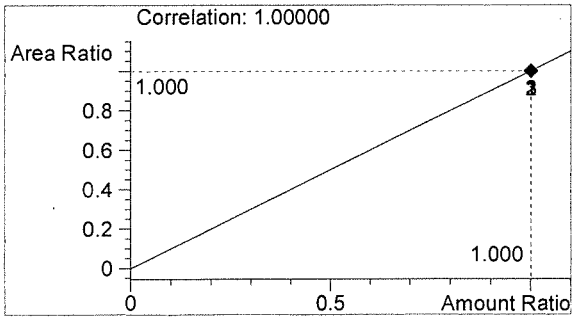
Sample Name: QAP0.08 15029 #2
Operator: Brittany Thomas
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	698	1.019
2	n-Propanol	1500	1.745



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

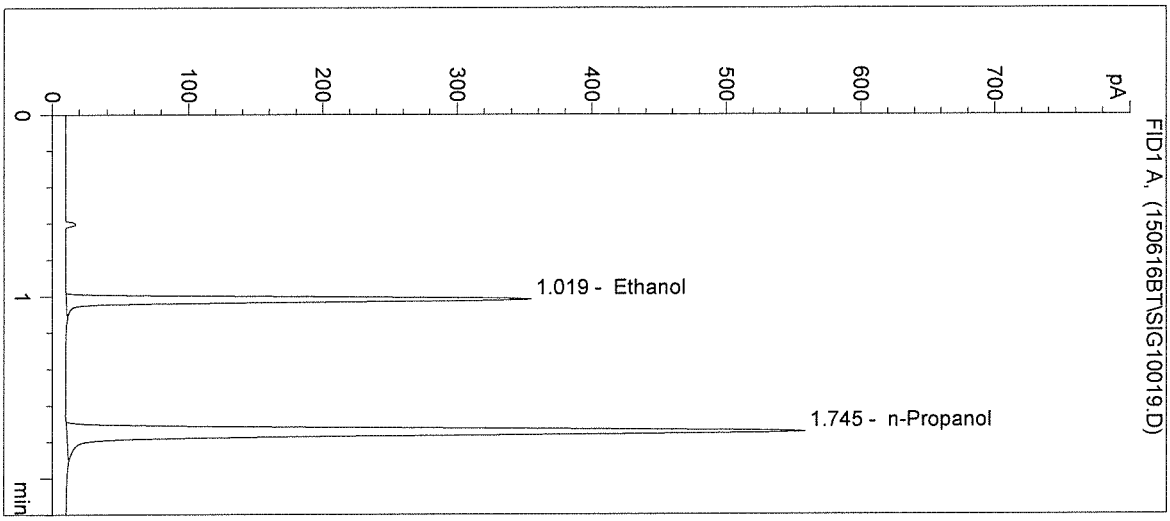
Data File: C:\HPCHEM\2\DATA\150616BT\SIG10018.D

BT

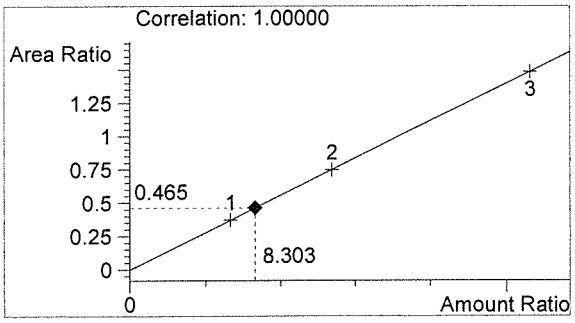
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/16/2015 11:39:30 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

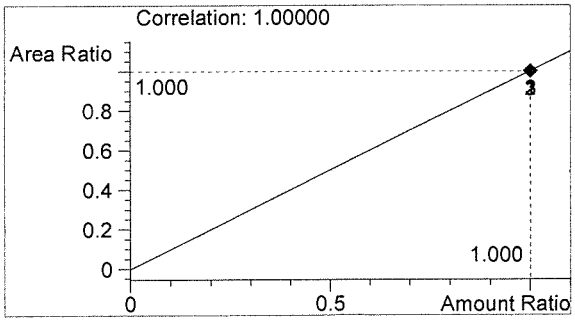
Sample Name: QAP0.08 15029 #3
Operator: Brittany Thomas
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	679	1.019
2	n-Propanol	1461	1.745



Ethanol 0.100 g/100mL



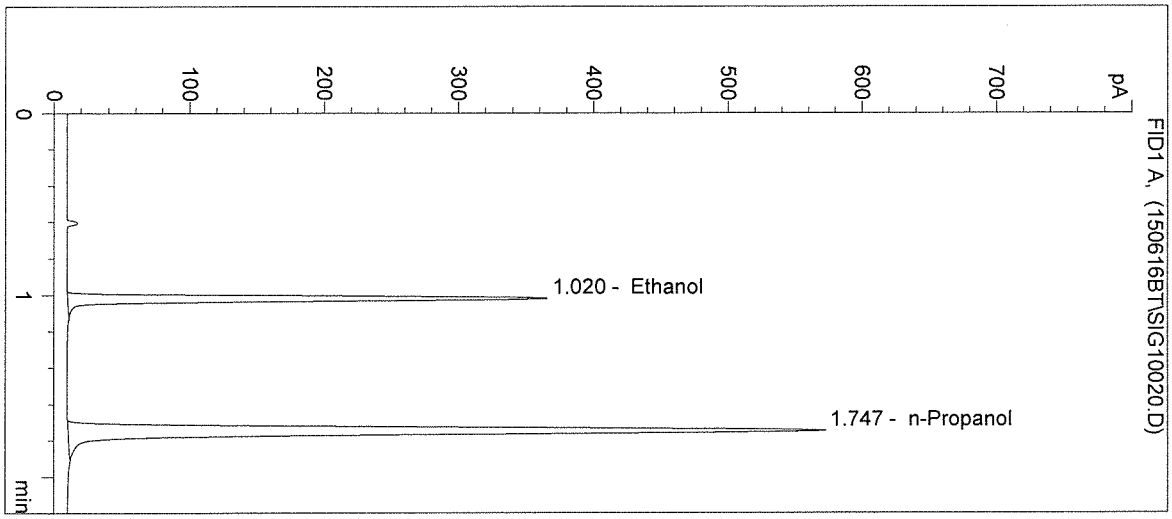
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150616BT\SIG10019.D

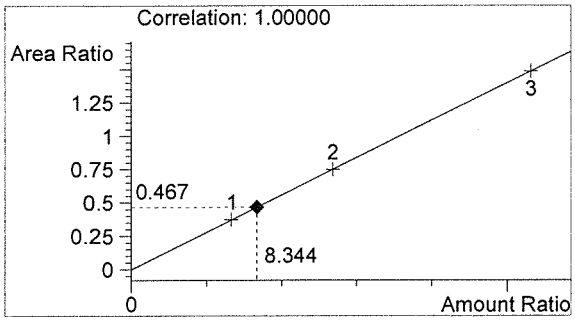
BT

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

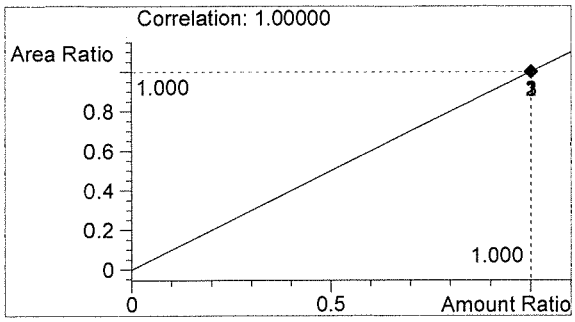
Inj. Date: 6/16/2015 11:42:44 AM Sample Name: QAP0.08 15029 #4
Instrument: HSGC#3 Operator: Brittany Thomas
Column: DB-ALC2 Location: Vial 20
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	700	1.020
2	n-Propanol	1499	1.747



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150616BT\SIG10020.D Page 1 of 1

Washington State Patrol Toxicology Laboratory
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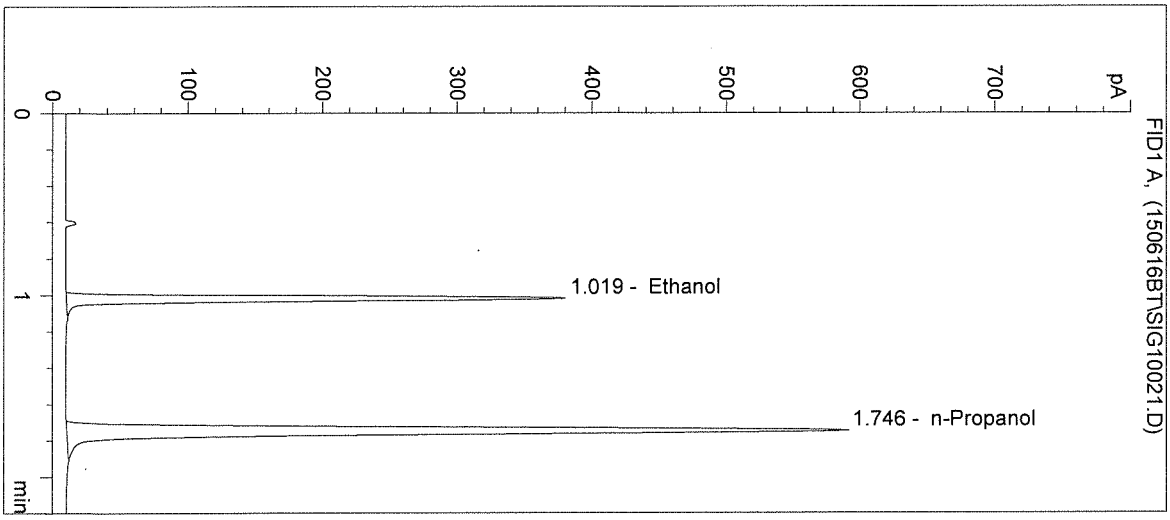
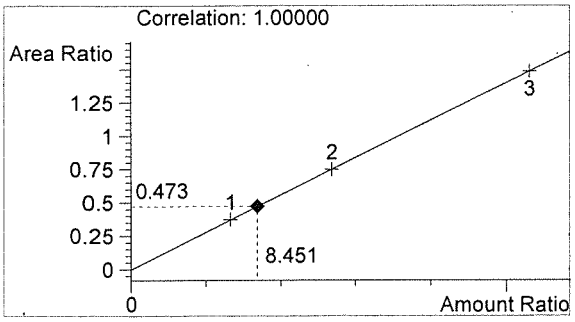
Inj. Date: 6/16/2015 11:45:58 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

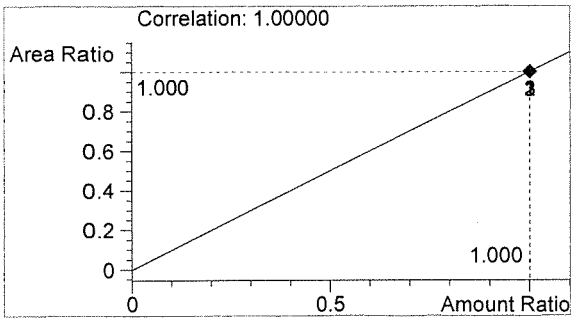
Sample Name: QAP0.08 15029 #5
Operator: Brittany Thomas
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	732	1.019
2	n-Propanol	1548	1.746



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

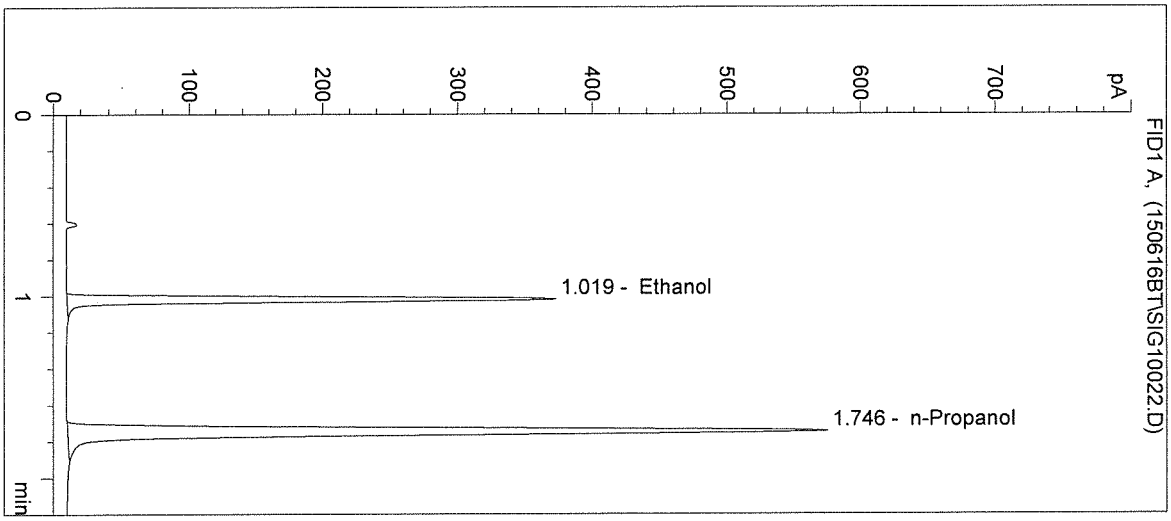
BT

Data File: C:\HPCHEM\2\DATA\150616BT\SIG10021.D

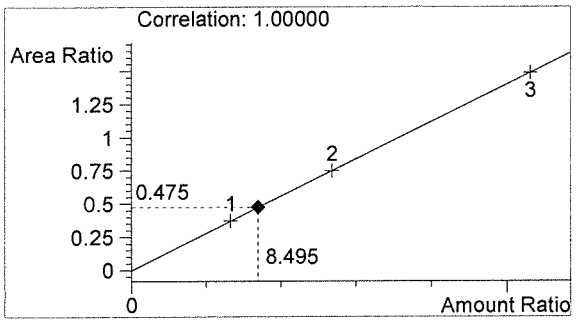
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/16/2015 11:49:11 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15029

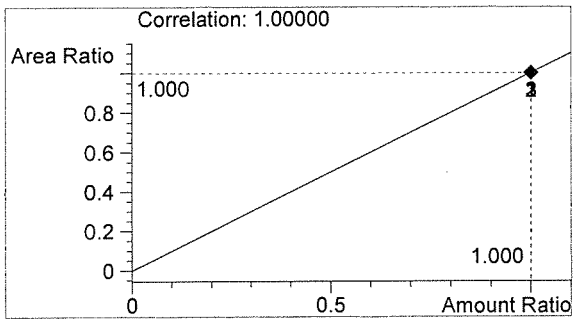
Sample Name: 0.10 CTRL-BT
Operator: Brittany Thomas
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	717	1.019
2	n-Propanol	1507	1.746



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

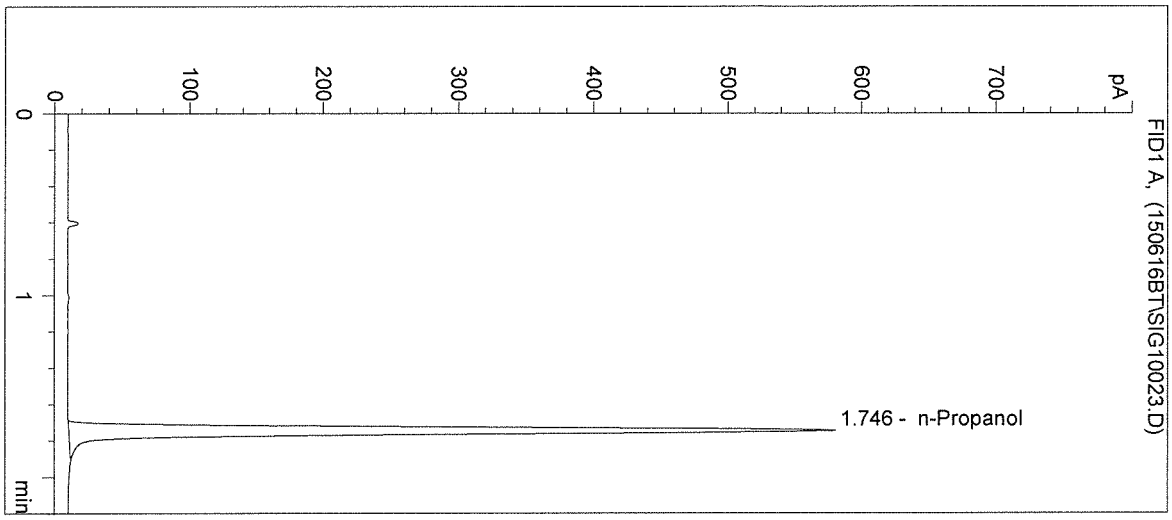
Data File: C:\HPCHEM\2\DATA\150616BT\SIG10022.D

BT

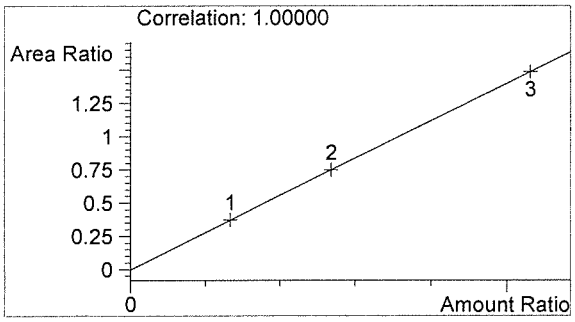
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/16/2015 11:52:24 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15029

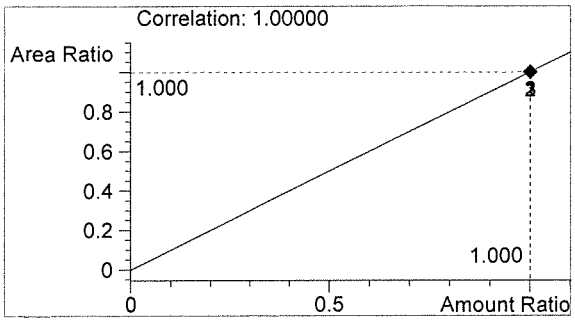
Sample Name: NEG CTRL-BT
Operator: Brittany Thomas
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1521	1.746



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150616BT\SIG10023.D

Sequence: C:\HPCHEM\2\SEQUENCE\JKQARUN3.S

Sequence Parameters:

Operator:	Justin Knoy
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	150619JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

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

Data for vials 1-9 filed with 15028.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC3	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC3	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	CTRL1 (0.04)	SIMALC3	1	Ctrl Samp		
7	Vial 7	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
8	Vial 8	CTRL3 (0.20)	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	15028-1	SIMALC3	1	Sample		
11	Vial 11	15028-2	SIMALC3	1	Sample		
12	Vial 12	15028-3	SIMALC3	1	Sample		
13	Vial 13	15028-4	SIMALC3	1	Sample		
14	Vial 14	15028-5	SIMALC3	1	Sample		
15	Vial 15	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	15029-1	SIMALC3	1	Sample		
18	Vial 18	15029-2	SIMALC3	1	Sample		
19	Vial 19	15029-3	SIMALC3	1	Sample		
20	Vial 20	15029-4	SIMALC3	1	Sample		
21	Vial 21	15029-5	SIMALC3	1	Sample		
22	Vial 22	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	15030-1	SIMALC3	1	Sample		
25	Vial 25	15030-2	SIMALC3	1	Sample		

15029
6/19/15

JK

Sequence: C:\HPCHEM\2\SEQUENCE\JKQARUN3.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
26	Vial 26	15030-3	SIMALC3	1	Sample		
27	Vial 27	15030-4	SIMALC3	1	Sample		
28	Vial 28	15030-5	SIMALC3	1	Sample		
29	Vial 29	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

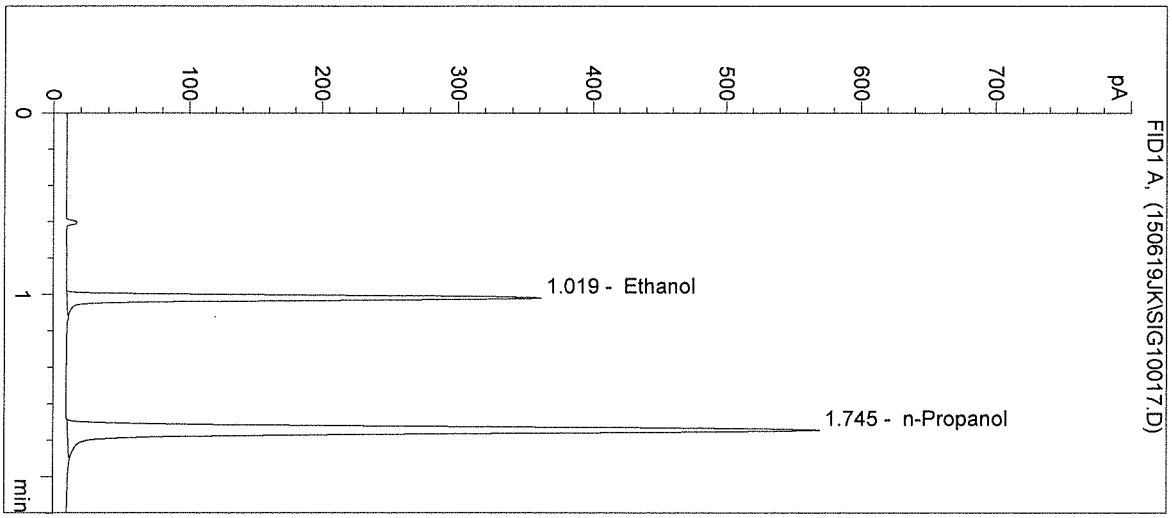
15029

JK

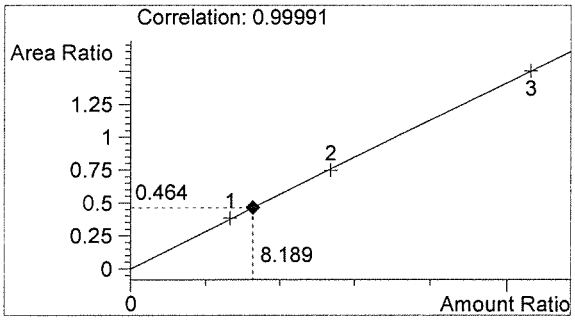
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/19/2015 2:19:47 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

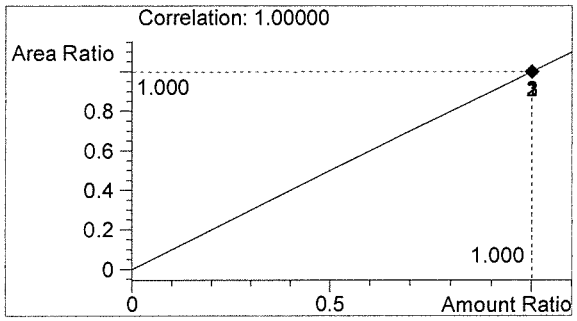
Sample Name: 15029-1
Operator: Justin Knoy
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	693	1.019
2	n-Propanol	1492	1.745



Ethanol 0.098 g/100mL

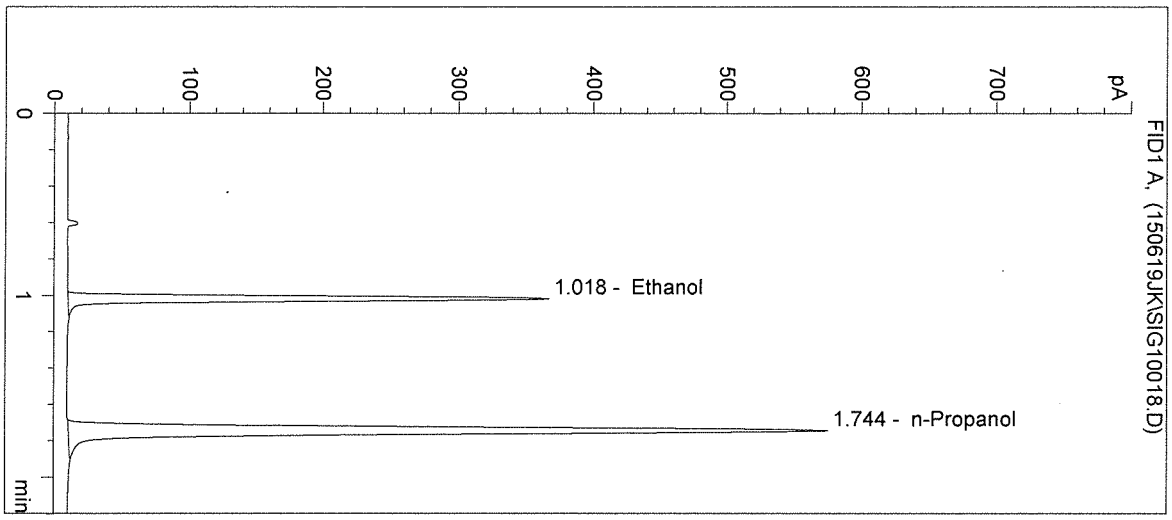


n-Propanol 0.012 g/100mL

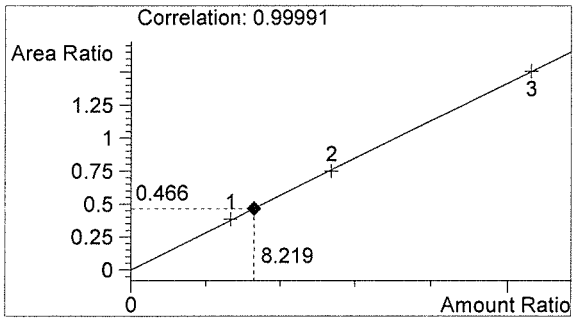
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/19/2015 2:23:01 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

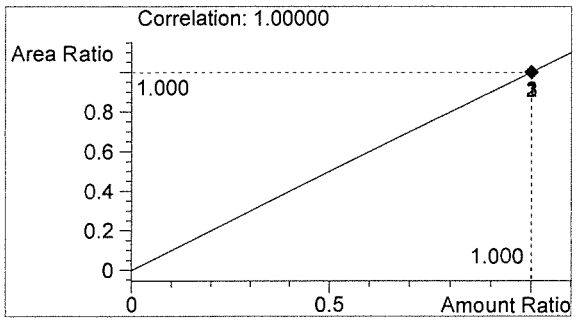
Sample Name: 15029-2
Operator: Justin Knoy
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.018
2	n-Propanol	1505	1.744



Ethanol 0.099 g/100mL



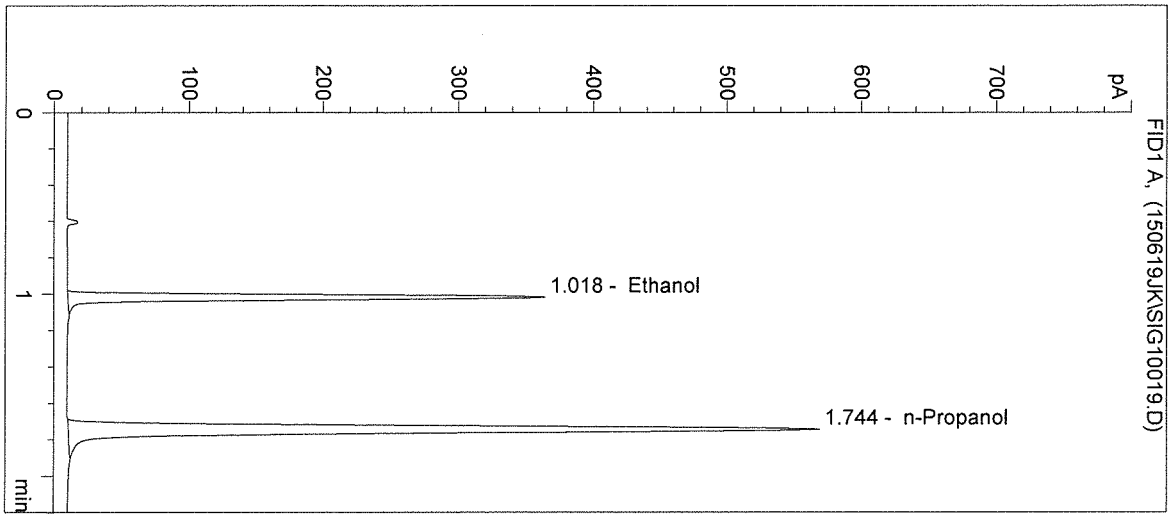
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150619JK\SIG10018.D

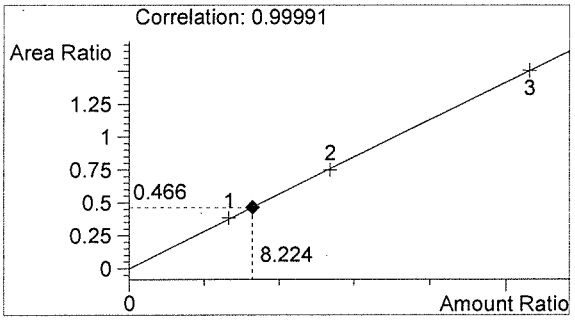
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/19/2015 2:26:14 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

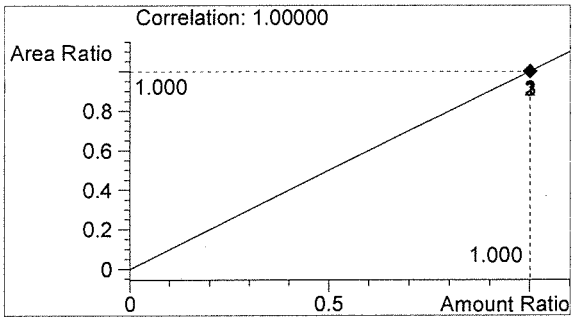
Sample Name: 15029-3
Operator: Justin Knoy
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	694	1.018
2	n-Propanol	1489	1.744



Ethanol 0.099 g/100mL



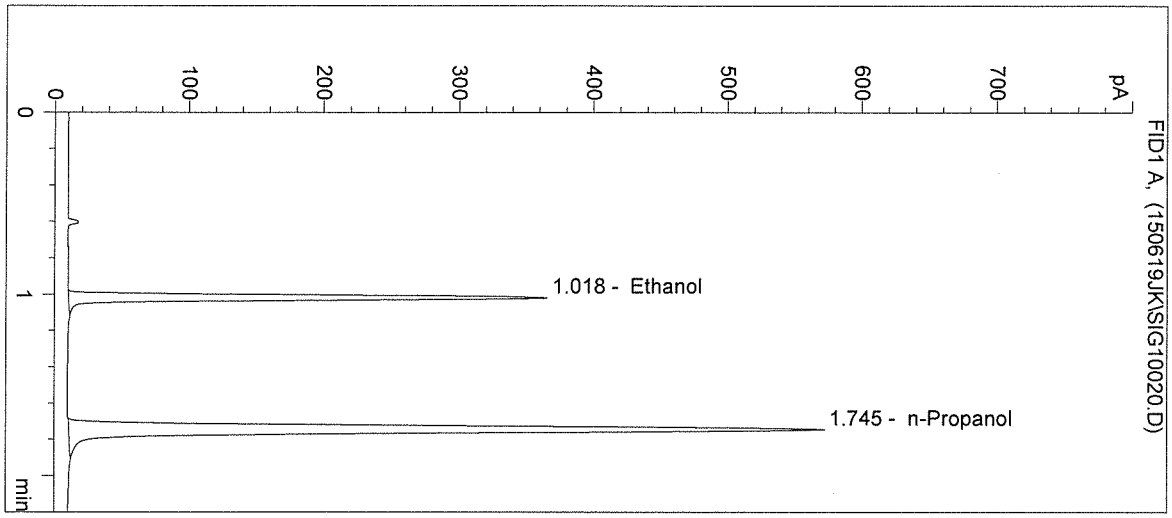
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150619JK\SIG10019.D

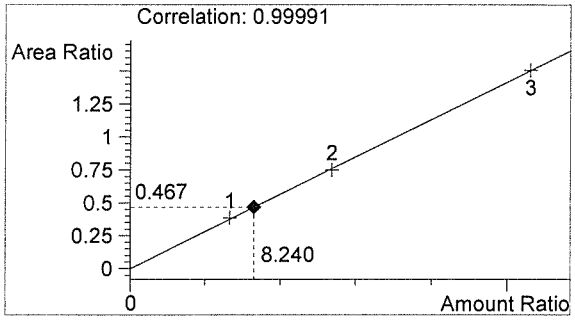
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/19/2015 2:29:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

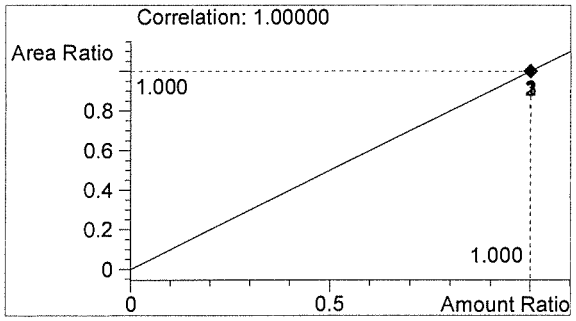
Sample Name: 15029-4
Operator: Justin Knoy
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.018
2	n-Propanol	1501	1.745



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

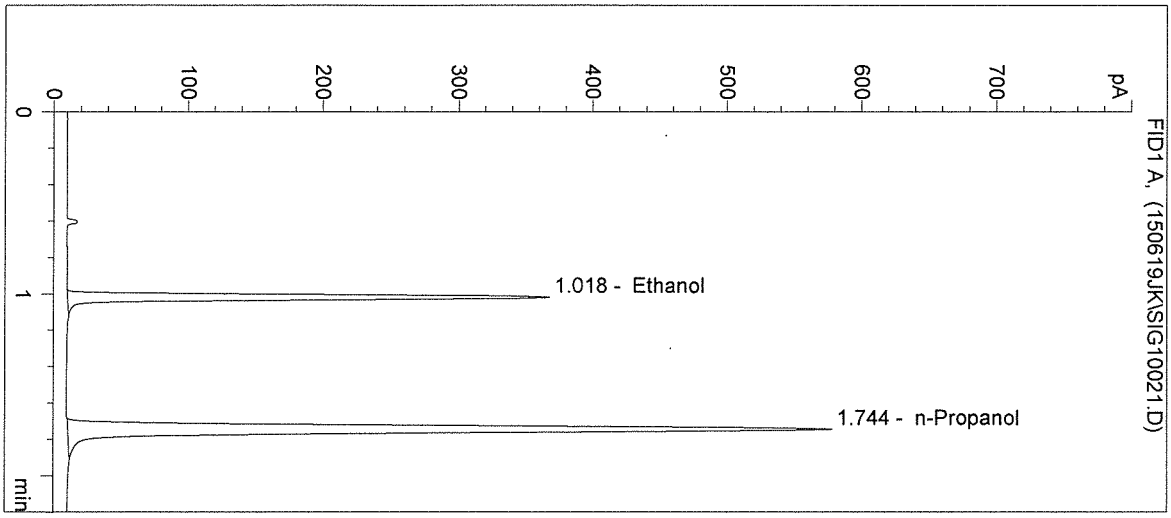
JK

Data File: C:\HPCHEM\2\DATA\150619JK\SIG10020.D

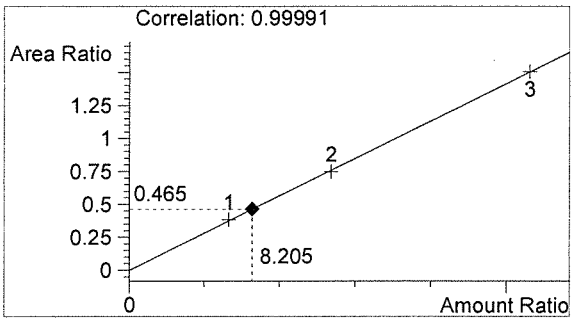
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/19/2015 2:32:41 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

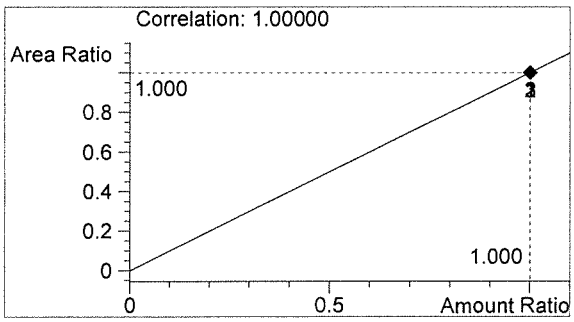
Sample Name: 15029-5
Operator: Justin Knoy
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	703	1.018
2	n-Propanol	1512	1.744



Ethanol 0.098 g/100mL



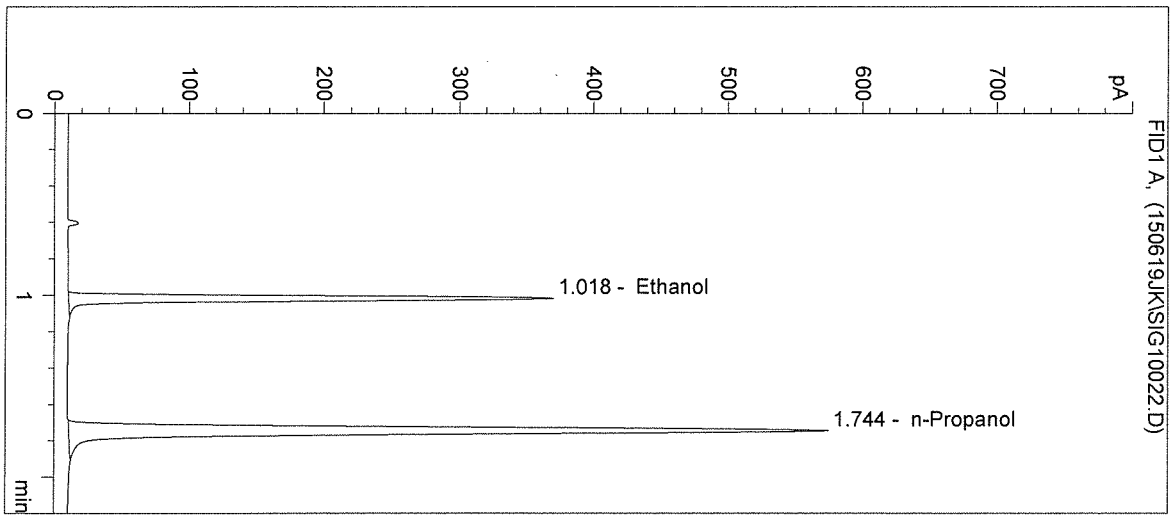
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150619JK\SIG10021.D

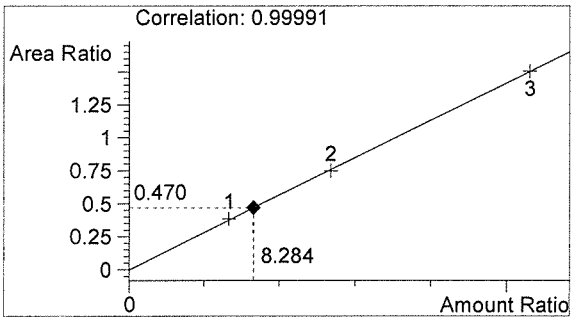
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/19/2015 2:35:55 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL ; 15029

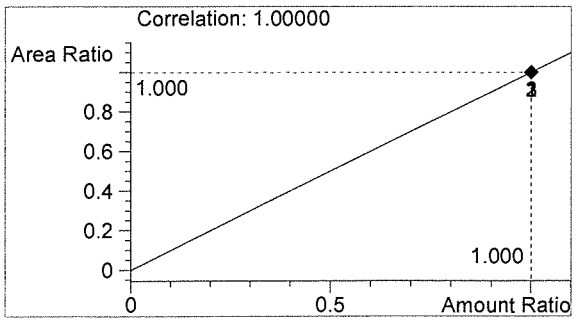
Sample Name: CTRL2 (0.10)
Operator: Justin Knoy
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	705	1.018
2	n-Propanol	1500	1.744



Ethanol 0.099 g/100mL



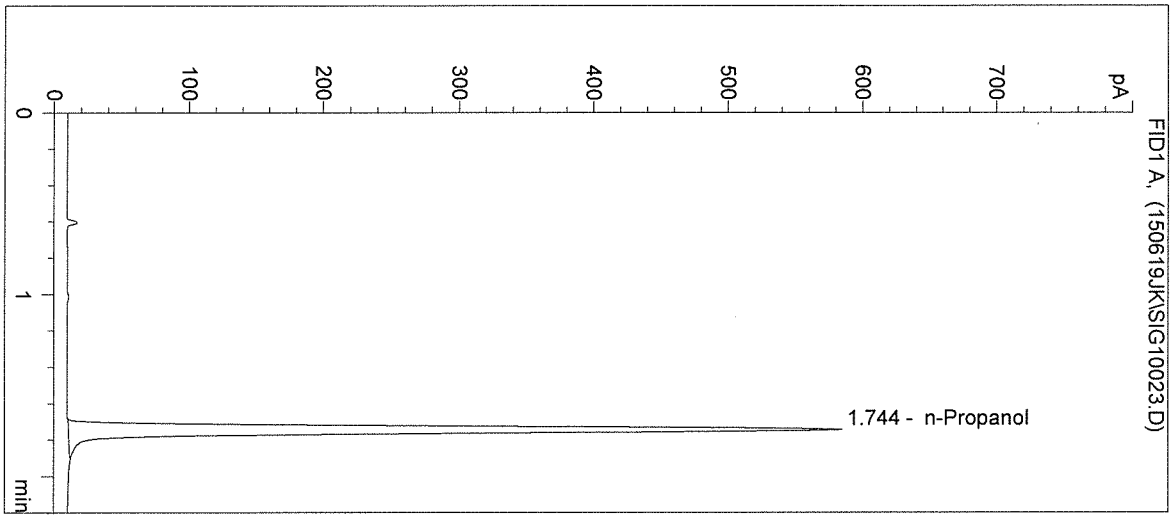
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150619JK\SIG10022.D

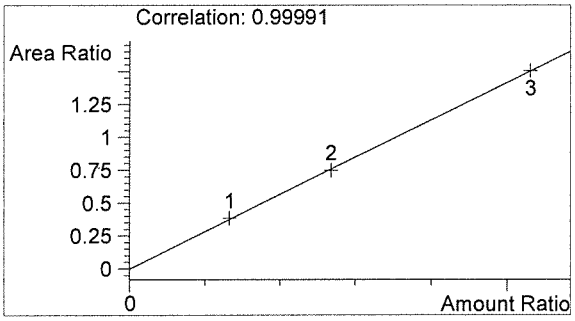
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/19/2015 2:39:08 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15029

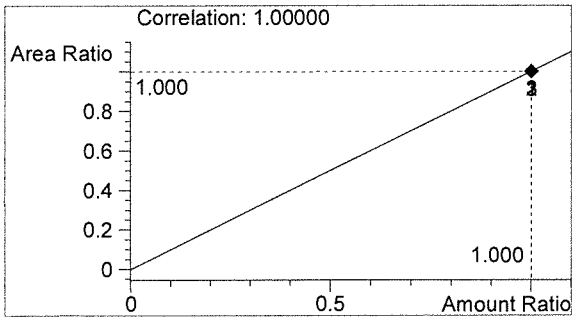
Sample Name: NEG CTRL
Operator: Justin Knoy
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1527	1.744



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150619JK\SIG10023.D

Sequence: C:\HPCHEM\2\SEQUENCE\EW-QAP2.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:	150623
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#: E0615-01 Exp. 12/02/2015
CAL 2: 0.158 g/100mL - Lot#: E0615-02 Exp. 12/02/2015
CAL 3: 0.316 g/100mL - Lot#: E0615-03 Exp. 12/02/2015

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

n-Propanol ISTD - Lot#: P0615 Exp. 09/04/2015

Calibration vials 1-9 are filed with Batch 15028.

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	15028 #1	SIMALC3	1	Sample		
11	Vial 11	15028 #2	SIMALC3	1	Sample		
12	Vial 12	15028 #3	SIMALC3	1	Sample		
13	Vial 13	15028 #4	SIMALC3	1	Sample		
14	Vial 14	15028 #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	15029 #1	SIMALC3	1	Sample		
18	Vial 18	15029 #2	SIMALC3	1	Sample		
19	Vial 19	15029 #3	SIMALC3	1	Sample		
20	Vial 20	15029 #4	SIMALC3	1	Sample		
21	Vial 21	15029 #5	SIMALC3	1	Sample		
22	Vial 22	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	15030 #1	SIMALC3	1	Sample		

15029
6/23/15

EW

EW

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	15030 #2	SIMALC3	1	Sample		
26	Vial 26	15030 #3	SIMALC3	1	Sample		
27	Vial 27	15030 #4	SIMALC3	1	Sample		
28	Vial 28	15030 #5	SIMALC3	1	Sample		
29	Vial 29	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

15029
7/1/15

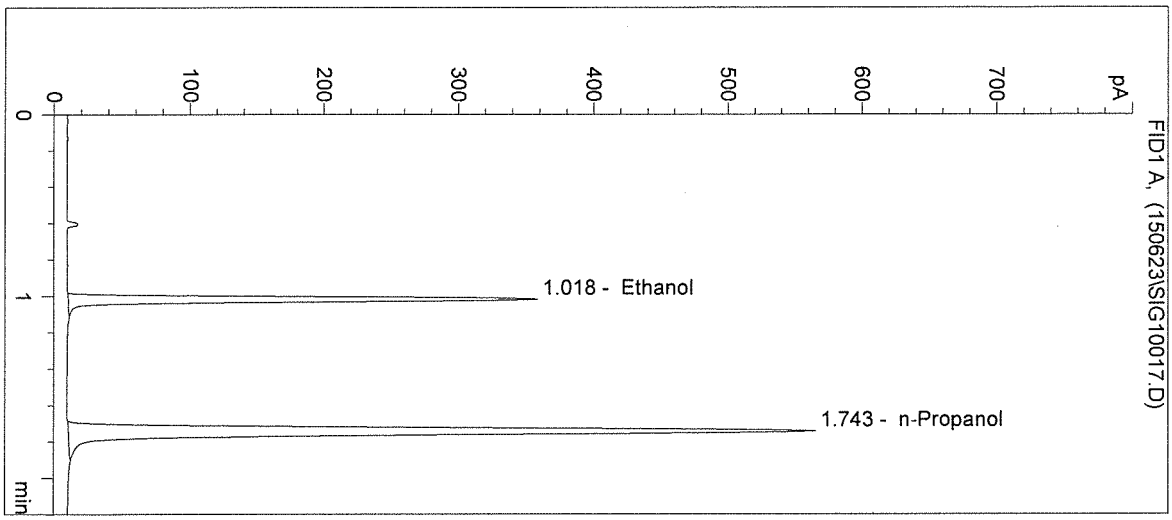
EW

EW

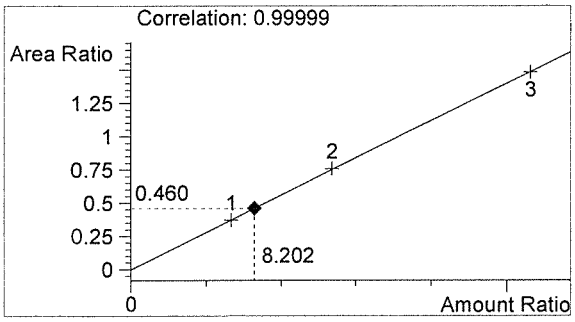
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/23/2015 2:39:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

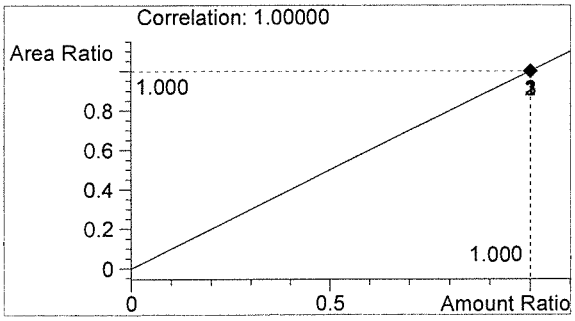
Sample Name: 15029 #1
Operator: Elizabeth Wehner
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	679	1.018
2	n-Propanol	1474	1.743



Ethanol 0.098 g/100mL



n-Propanol 0.012 g/100mL

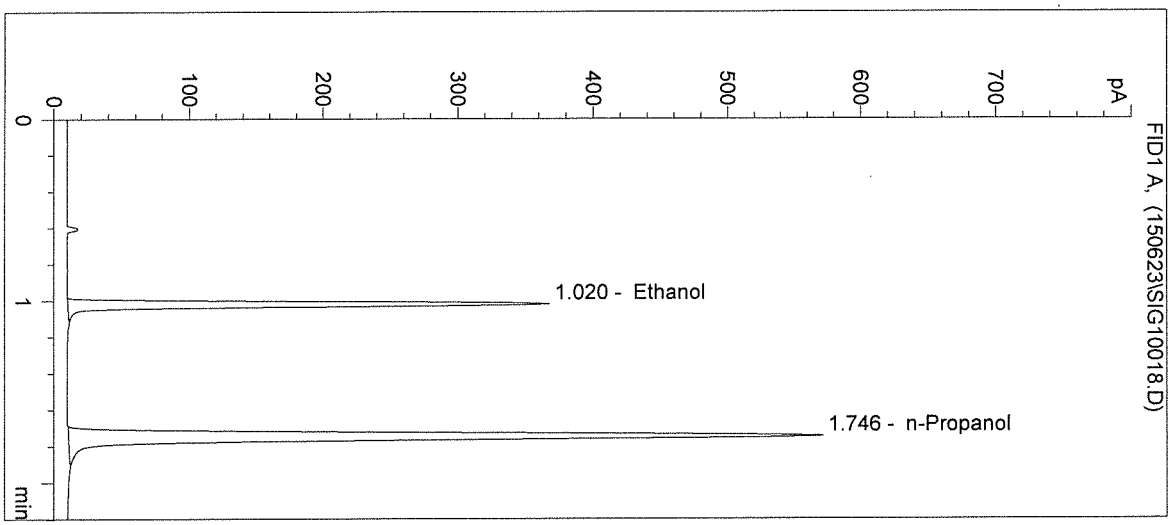
Data File: C:\HPCHEM\2\DATA\150623\SIG10017.D

EW

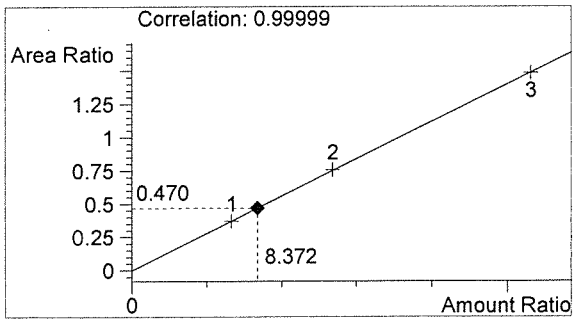
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/23/2015 2:42:55 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

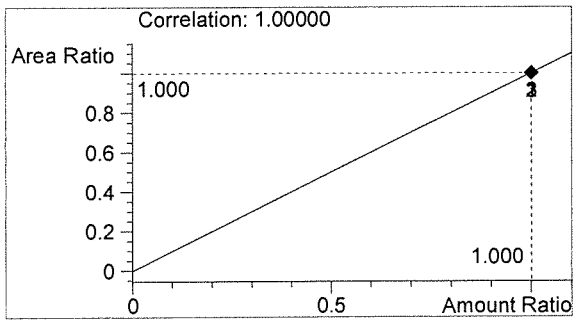
Sample Name: 15029 #2
Operator: Elizabeth Wehner
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	702	1.020
2	n-Propanol	1494	1.746



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

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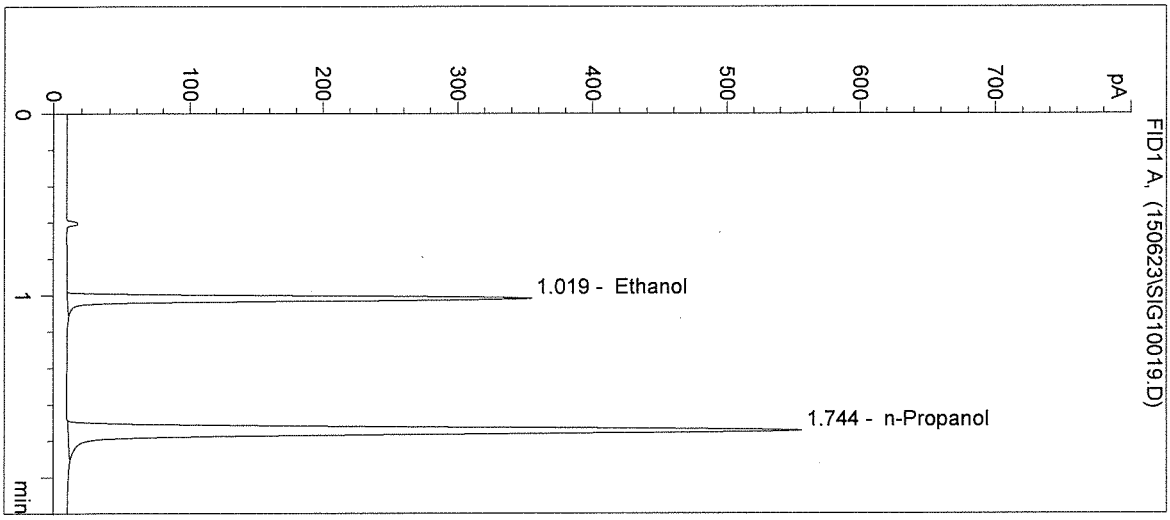
Data File: C:\HPCHEM\2\DATA\150623\SIG10018.D

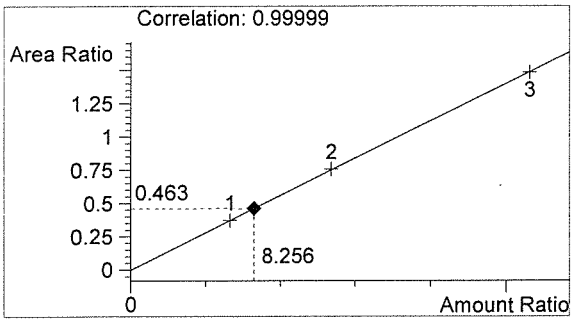
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/23/2015 2:46:09 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

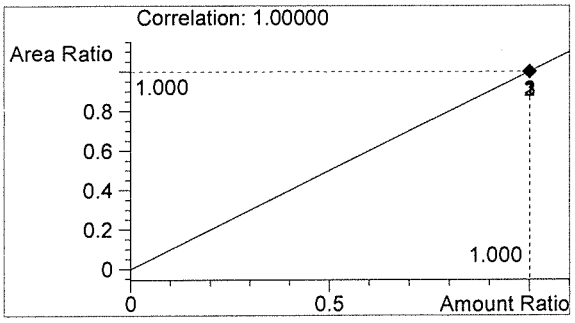
Sample Name: 15029 #3
Operator: Elizabeth Wehner
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	671	1.019
2	n-Propanol	1449	1.744



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150623\SIG10019.D

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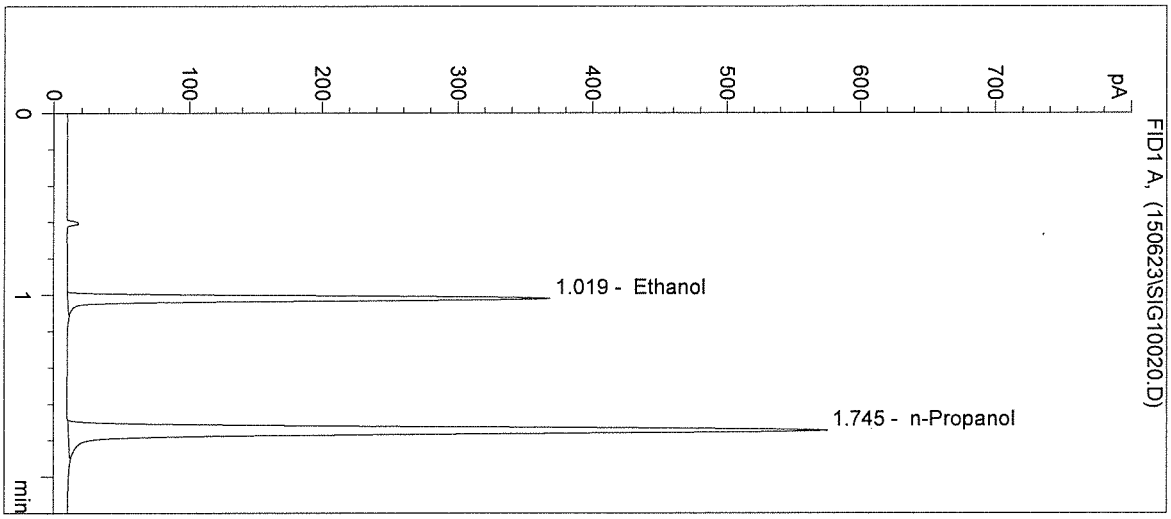
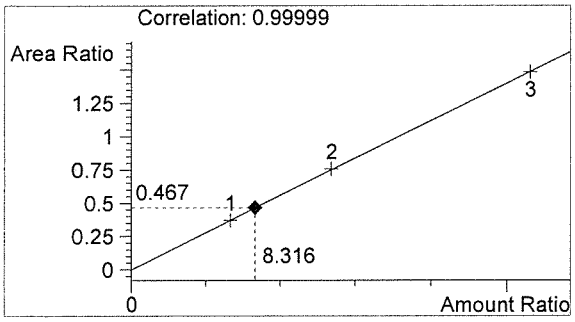
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/23/2015 2:49:22 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

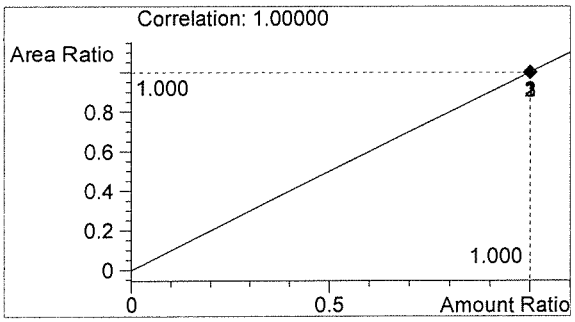
Sample Name: 15029 #4
Operator: Elizabeth Wehner
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.019
2	n-Propanol	1502	1.745



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150623\SIG10020.D

EW

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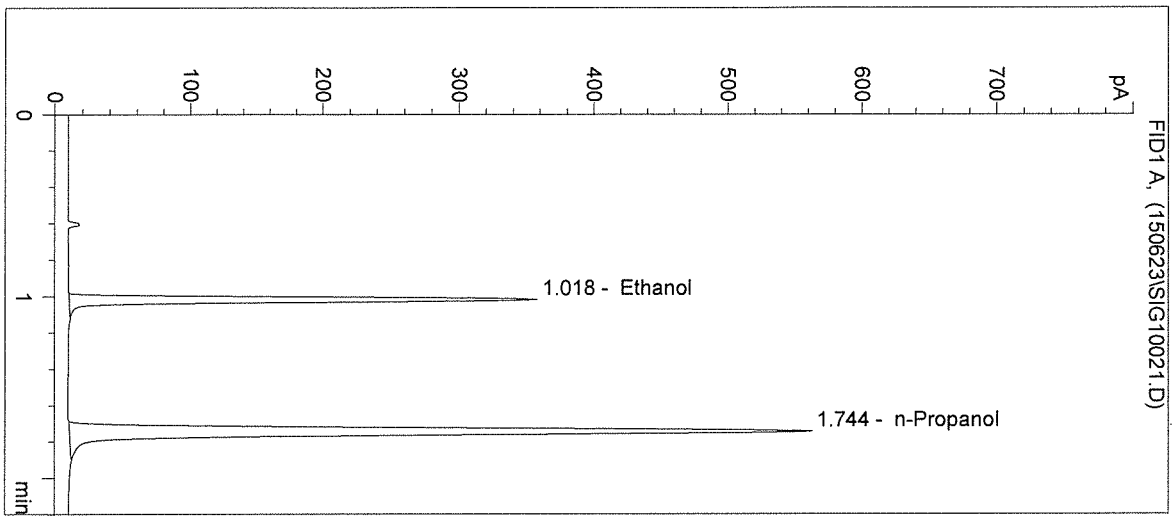
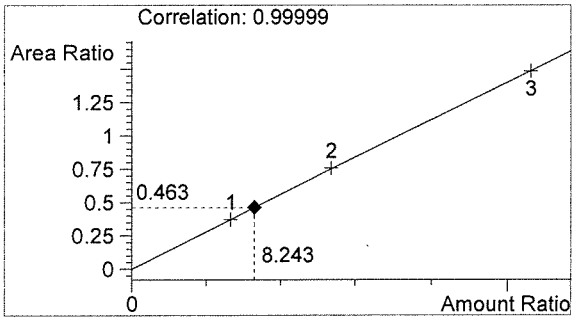
Inj. Date: 6/23/2015 2:52:35 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

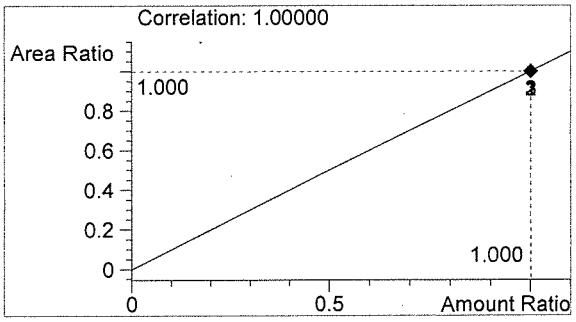
Sample Name: 15029 #5
Operator: Elizabeth Wehner
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	680	1.018
2	n-Propanol	1469	1.744



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

EW

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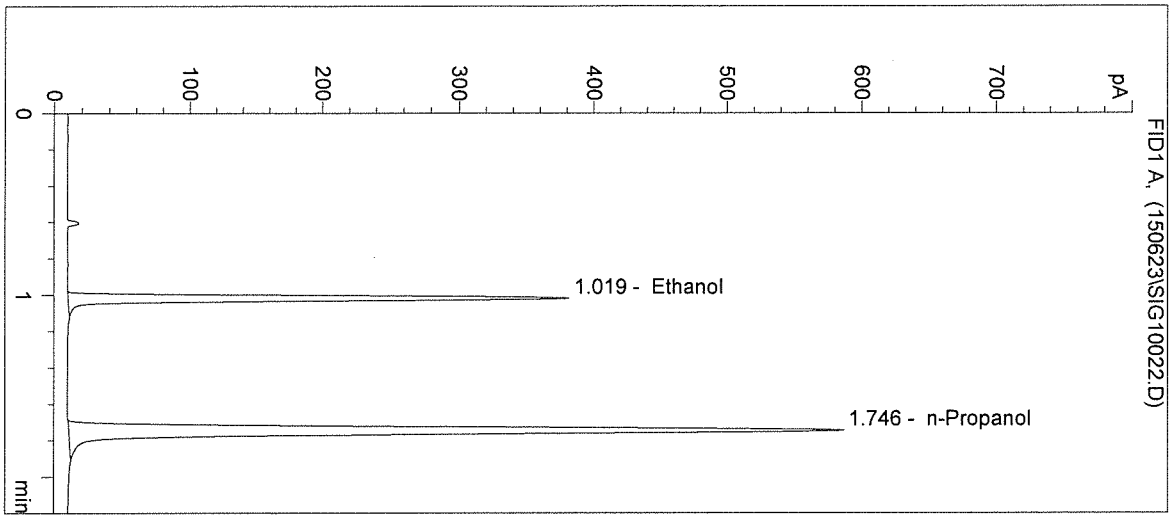
2203 Airport Way S Seattle, WA 98134

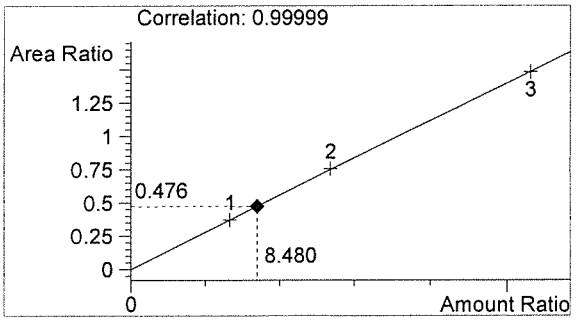
Inj. Date: 6/23/2015 2:55:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: POS CTRL: 0.10 g/100mL
15029

Sample Name: POS CTRL (0.10)
Operator: Elizabeth Wehner
Location: Vial 22

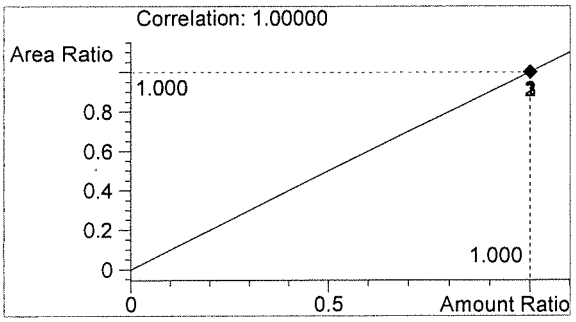
->



#	Compound	Peak Area	RT (min)
1	Ethanol	729	1.019
2	n-Propanol	1532	1.746



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

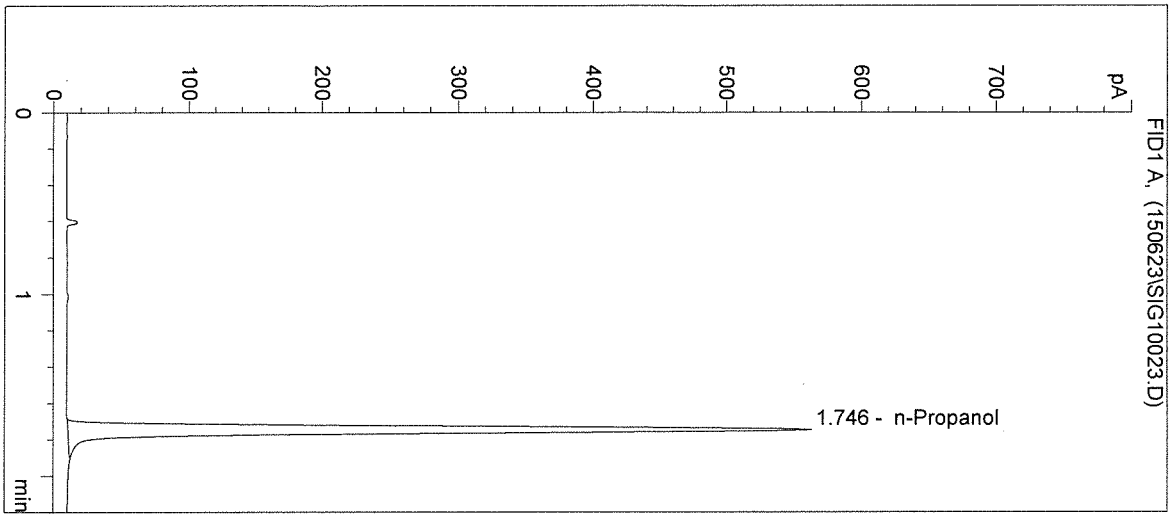
Data File: C:\HPCHEM\2\DATA\150623\SIG10022.D

EW

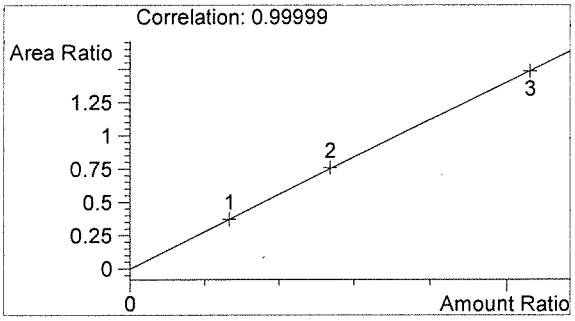
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/23/2015 2:59:02 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15029

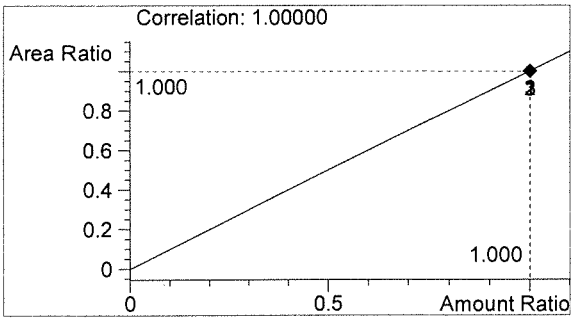
Sample Name: NEG CTRL
Operator: Elizabeth Wehner
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1470	1.746



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150623\SIG10023.D