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

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

QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 15012

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: 0.15 g/210L
DATE PREPARED: 02/02/2015
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: David Nguyen

	DN	EW	AC
1	0.190	0.192	0.187
2	0.192	0.194	0.190
3	0.192	0.194	0.191
4	0.191	0.194	0.191
5	0.189	0.192	0.189
C	0.105	0.102	0.102

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1912 g/100mL
STANDARD DEVIATION: 0.00201
PRECISION CV (%): 1.05
NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.1554 g/210L**
EXPANDED UNCERTAINTY: ± 0.0046 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Lisa Noble Forensic Scientist Supervisor — 3/18/15 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
DN	David Nguyen		02/02/2015
EW	Elizabeth Wehner	Elizabeth Wehner	02/03/2015
AC	Amanda Chandler	Amanda Chandler	02/09/2015

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

QAP Solution Batch #: 15012 **Date Prepared:** 2/2/2015

Analyst:	DN	EW	AC
Date Tested:	2/2/2015	2/3/2015	2/9/2015
Instrument:	HSGC #3	HSGC #3	HSGC #3
1	0.190	0.192	0.187
2	0.192	0.194	0.190
3	0.192	0.194	0.191
4	0.191	0.194	0.191
5	0.189	0.192	0.189
C	0.105	0.102	0.102

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000073466	0.0000942596	0.0001016326

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

Average Solution Concentration: 0.1912 g/100mL
Standard Deviation: 0.00201 g/100mL
Precision CV (%): 1.05
Equivalent Vapor Concentration: 0.1554 g/210L
Combined Standard Uncertainty (±): 0.0023 g/210L
Expanded Uncertainty (±): 0.0046 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble (Name) [signature] (Signature) 3/9/15 (Date)

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

Method: Hand calculation

Tech. review performed by: Lisa Noble (Name) [signature] (Signature) 3/9/15 (Date)

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

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

Location: WSP-FLSB Seattle, WA Solution Batch Number: 15012

	YES	NO	N/A
Analysis dates do not precede preparation date:	☑	☐	☐
Declarations signed and properly dated:	☑	☐	☐
Data entry corresponds to all chromatograms:	☑	☐	☐
All signatures present on Test Report:	☑	☐	☐
Average solution concentration correct:	☑	☐	☐
Standard deviation correct:	☑	☐	☐
CV (%) correct:	☑	☐	☐
Equivalent vapor concentration correct:	☑	☐	☐
All chromatograms and sequences included in file:	☑	☐	☐
Ethanol control information present: (lot # present & used within expiration)	☑	☐	☐
Complies with accuracy and precision requirements established by the State Toxicologist:	☑	☐	☐

Comments:

Reviewer Signature: _____ Date: 3-18-15

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

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

Please initial and date below to affirm that you have:

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

	Initials	Date
Amanda Chandler	AC	3/10/15
Andrew Gingras		
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen	DN	3/9/15
Dawn Sklerov		
Elizabeth Wehner	EW	03/10/15
Justin Knoy		
Katie Harris		
Lyndsey Lowe		
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 15012 Th 3/9/15

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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

0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 15012

I, David Nguyen, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Chemistry.

The quality assurance procedure (QAP) solution, Lot Number 15012, was prepared in the Washington State Toxicology Laboratory on 2/2/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 2/2/2016.

Seattle, WA

3/9/15

David Nguyen — Date

Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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

0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 15012

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 15012, was prepared in the Washington State Toxicology Laboratory on 2/2/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 2/2/2016.

Seattle, WA

Elizabeth Wehner 03/10/15

Elizabeth Wehner Date

Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
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0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 15012

I, Amanda Chandler, do certify under penalty of perjury that:

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

I possess the following qualifications: MS degree in Forensic Toxicology.

The quality assurance procedure (QAP) solution, Lot Number 15012, was prepared in the Washington State Toxicology Laboratory on 2/2/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 2/2/2016.

Seattle, WA

Amanda Chandler 3/10/15

Amanda Chandler Date

Forensic Scientist

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

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

Preparation Date: 2/2/15 Expiration Date: 2/2/16 Initials of Preparer: DN

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

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

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	☑	15009
QAP 0.08	22.4	18	☑	15010
QAP 0.10	28.1	18	☑	15011
QAP 0.15	42.1	18	☑	15012
QAP 0.20	56.1	18	☑	15013
ESS	66.5	52	☐	

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 2/2/15 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: 15013 has three values cut discarded. 2/13/15 DN

Analyst Signature 2/2/15 Date

Sequence: C:\HPCHEM\2\SEQUENCE\DN-QAP.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:	150202DN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:

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

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

n-Propanol ISTD - Lot#: P0115 Exp. 04/27/2015

Calibration vials 1-9 are filed with Batch 15009.

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	15009 #1	SIMALC3	1	Sample		
11	Vial 11	15009 #2	SIMALC3	1	Sample		
12	Vial 12	15009 #3	SIMALC3	1	Sample		
13	Vial 13	15009 #4	SIMALC3	1	Sample		
14	Vial 14	15009 #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	15010 #1	SIMALC3	1	Sample		
18	Vial 18	15010 #2	SIMALC3	1	Sample		
19	Vial 19	15010 #3	SIMALC3	1	Sample		
20	Vial 20	15010 #4	SIMALC3	1	Sample		
21	Vial 21	15010 #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	15011 #1	SIMALC3	1	Sample		

- 15012
2/3/2015

DN

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	15011 #2	SIMALC3	1	Sample		
26	Vial 26	15011 #3	SIMALC3	1	Sample		
27	Vial 27	15011 #4	SIMALC3	1	Sample		
28	Vial 28	15011 #5	SIMALC3	1	Sample		
29	Vial 29	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	15012 #1	SIMALC3	1	Sample		
32	Vial 32	15012 #2	SIMALC3	1	Sample		
33	Vial 33	15012 #3	SIMALC3	1	Sample		
34	Vial 34	15012 #4	SIMALC3	1	Sample		
35	Vial 35	15012 #5	SIMALC3	1	Sample		
36	Vial 36	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		
38	Vial 38	15013 #1	SIMALC3	1	Sample		
39	Vial 39	15013 #2	SIMALC3	1	Sample		
40	Vial 40	15013 #3	SIMALC3	1	Sample		
41	Vial 41	15013 #4	SIMALC3	1	Sample		
42	Vial 42	15013 #5	SIMALC3	1	Sample		
43	Vial 43	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
44	Vial 44	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!

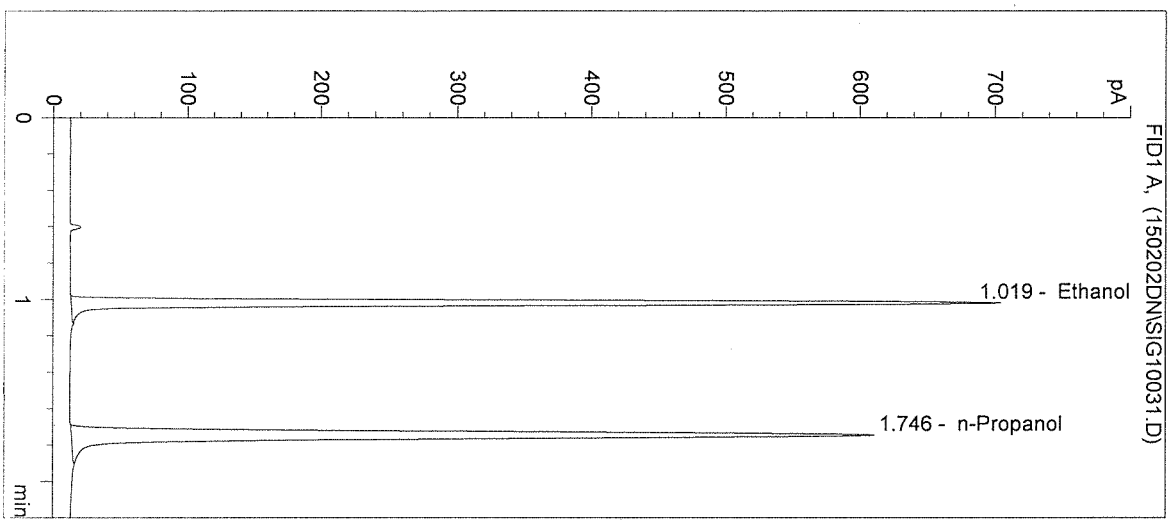
15012
fn 2/2/15

DN

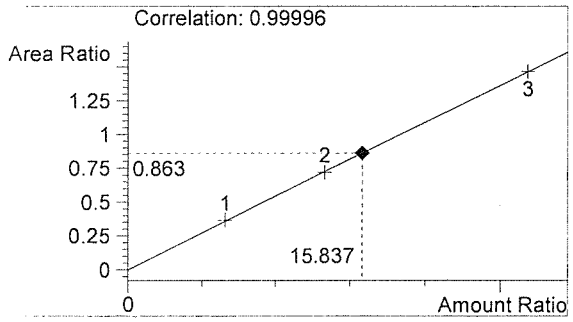
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/2/2015 12:05:56 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

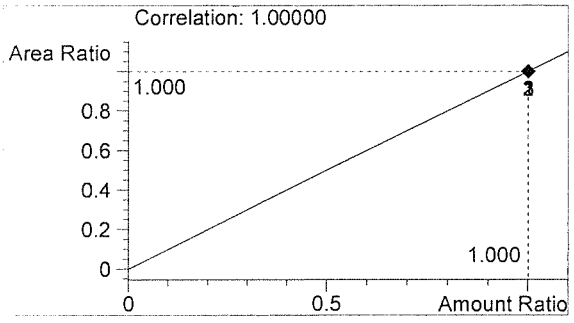
Sample Name: 15012 #1
Operator: David Nguyen
Location: Vial 31



#	Compound	Peak Area	RT (min)
1	Ethanol	1379	1.019
2	n-Propanol	1598	1.746



Ethanol 0.190 g/100mL



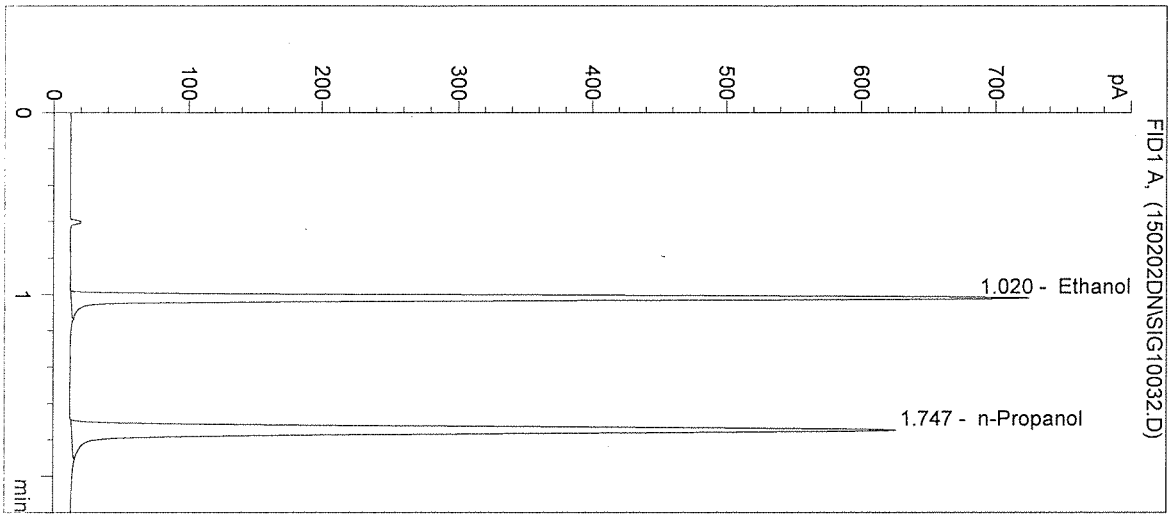
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150202DN\SIG10031.D

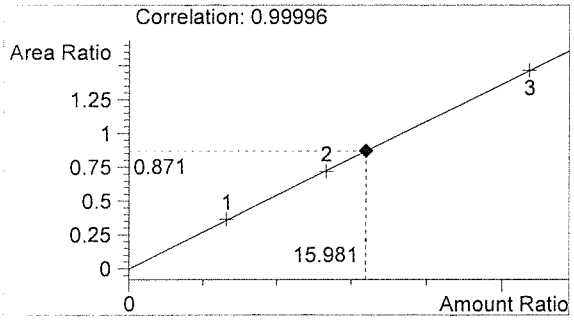
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/2/2015 12:09:09 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

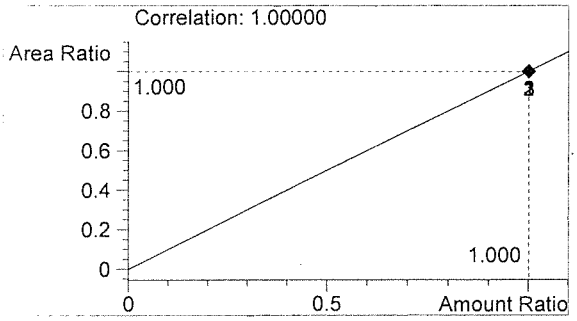
Sample Name: 15012 #2
Operator: David Nguyen
Location: Vial 32



#	Compound	Peak Area	RT (min)
1	Ethanol	1423	1.020
2	n-Propanol	1634	1.747



Ethanol 0.192 g/100mL

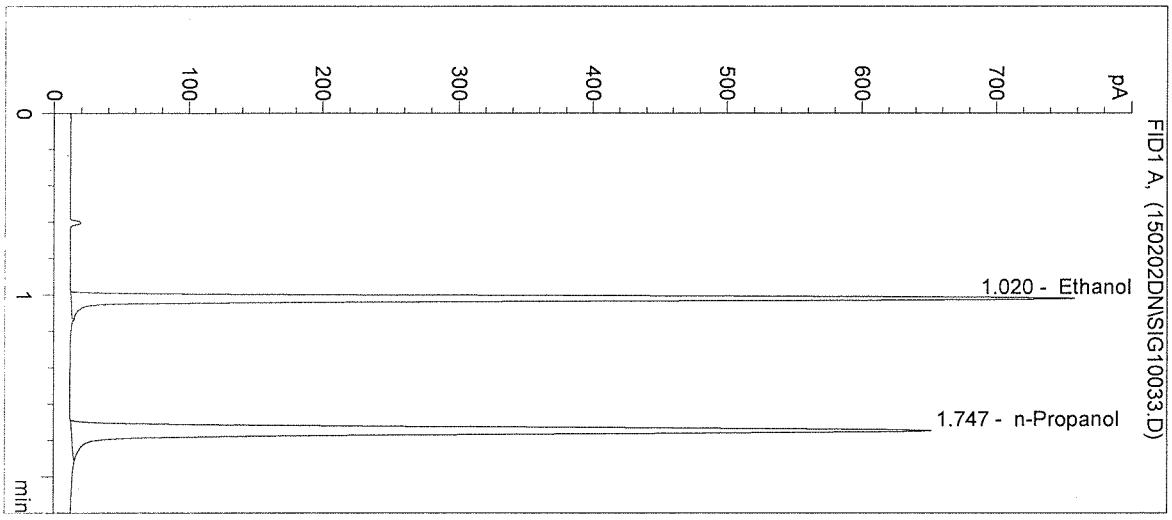


n-Propanol 0.012 g/100mL

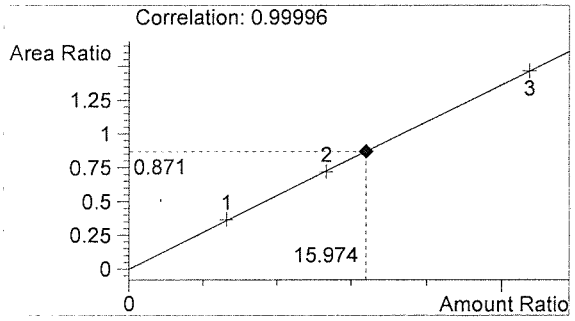
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/2/2015 12:12:22 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

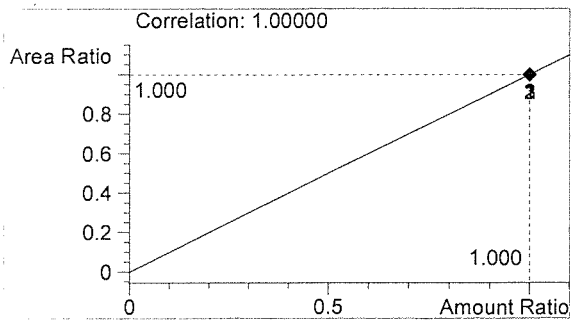
Sample Name: 15012 #3
Operator: David Nguyen
Location: Vial 33



#	Compound	Peak Area	RT (min)
1	Ethanol	1480	1.020
2	n-Propanol	1700	1.747



Ethanol 0.192 g/100mL



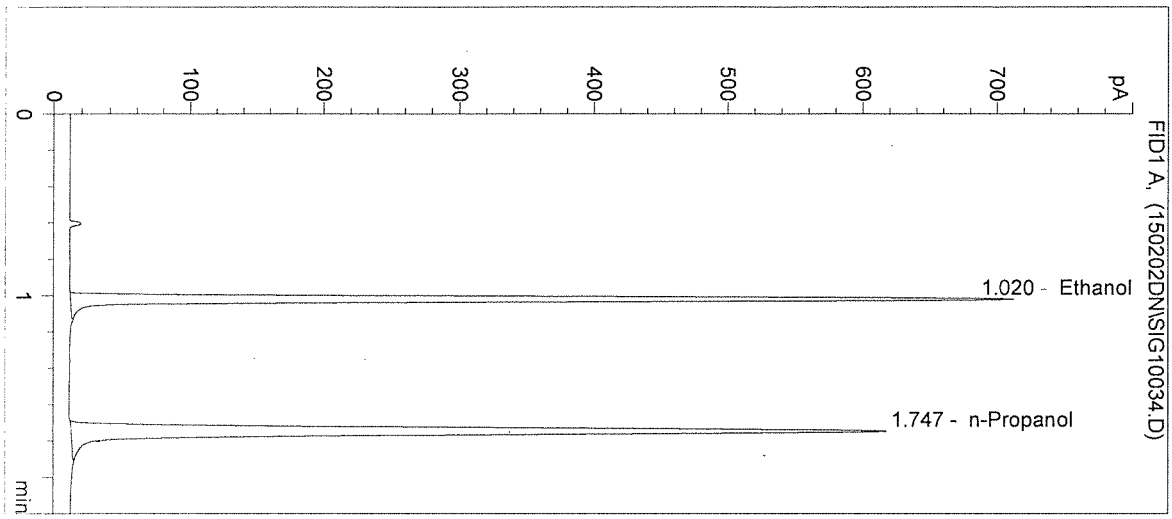
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150202DN\SIG10033.D

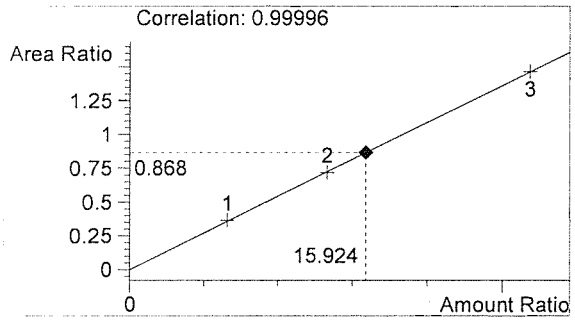
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/2/2015 12:15:35 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

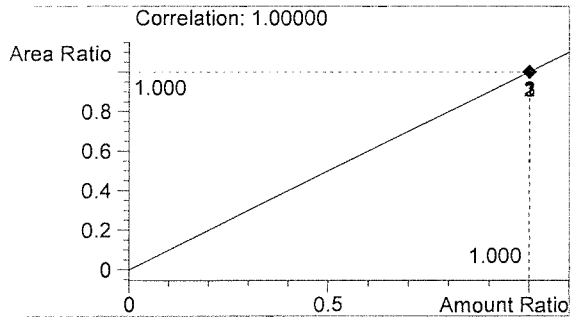
Sample Name: 15012 #4
Operator: David Nguyen
Location: Vial 34



#	Compound	Peak Area	RT (min)
1	Ethanol	1397	1.020
2	n-Propanol	1610	1.747



Ethanol 0.191 g/100mL



n-Propanol 0.012 g/100mL

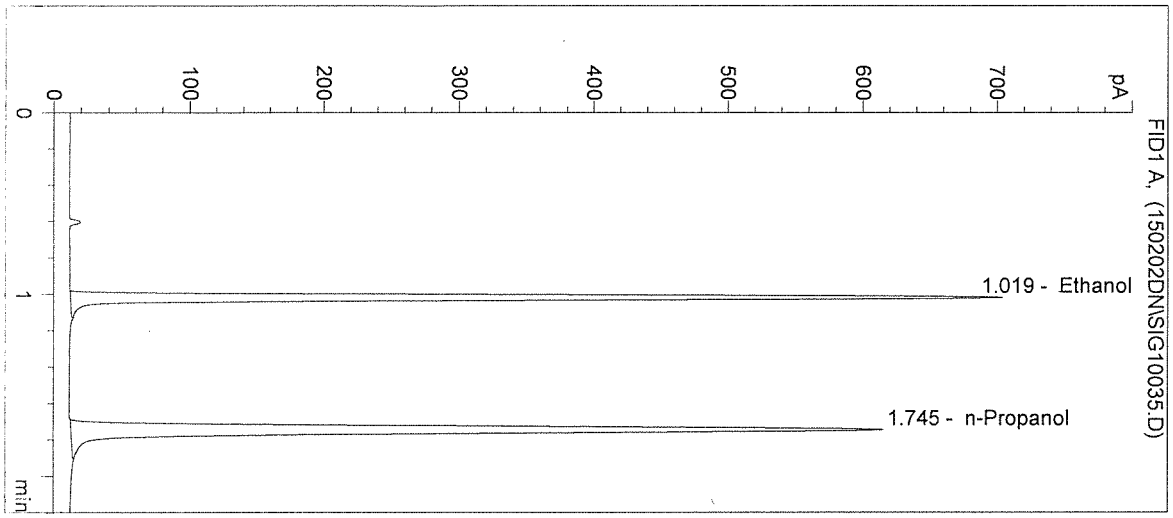
DN

Data File: C:\HPCHEM\2\DATA\150202DN\SIG10034.D

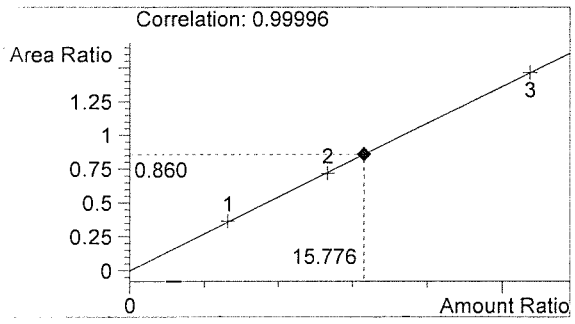
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/2/2015 12:18:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

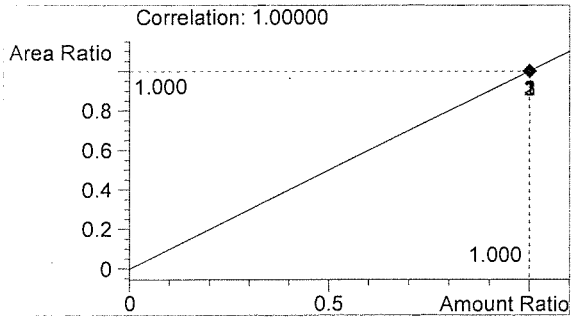
Sample Name: 15012 #5
Operator: David Nguyen
Location: Vial 35



#	Compound	Peak Area	RT (min)
1	Ethanol	1381	1.019
2	n-Propanol	1607	1.745



Ethanol 0.189 g/100mL



n-Propanol 0.012 g/100mL

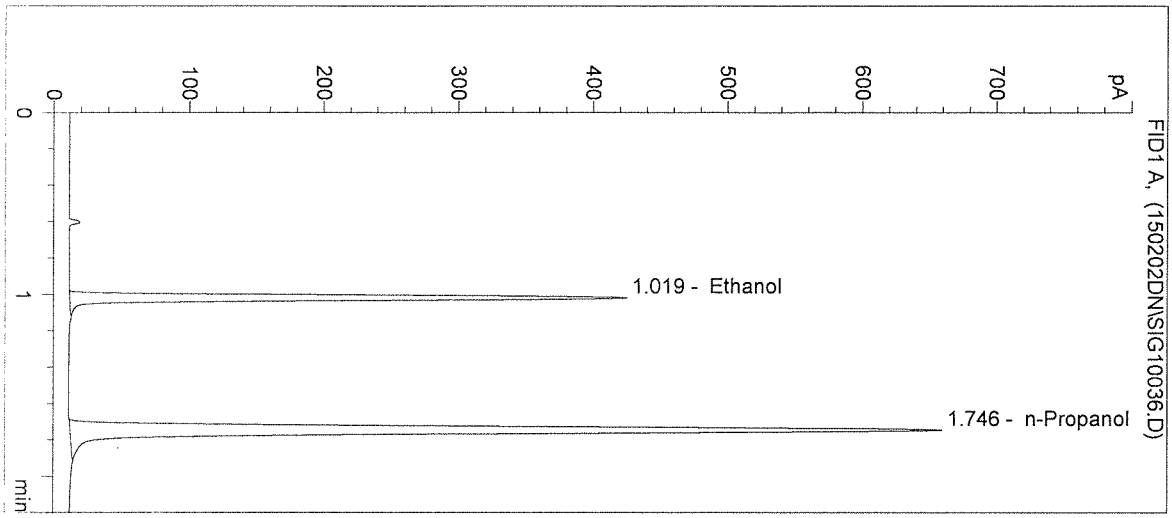
Data File: C:\HPCHEM\2\DATA\150202DN\SIG10035.D

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

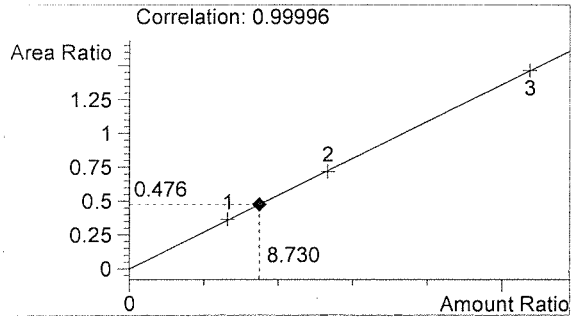
Inj. Date: 2/2/2015 12:22:02 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: POS CTRL: 0.10 g/100mL
15012

Sample Name: POS CTRL (0.10)
Operator: David Nguyen
Location: Vial 36

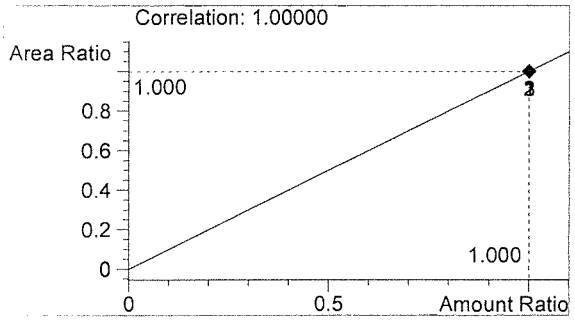
->



#	Compound	Peak Area	RT (min)
1	Ethanol	823	1.019
2	n-Propanol	1730	1.746



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

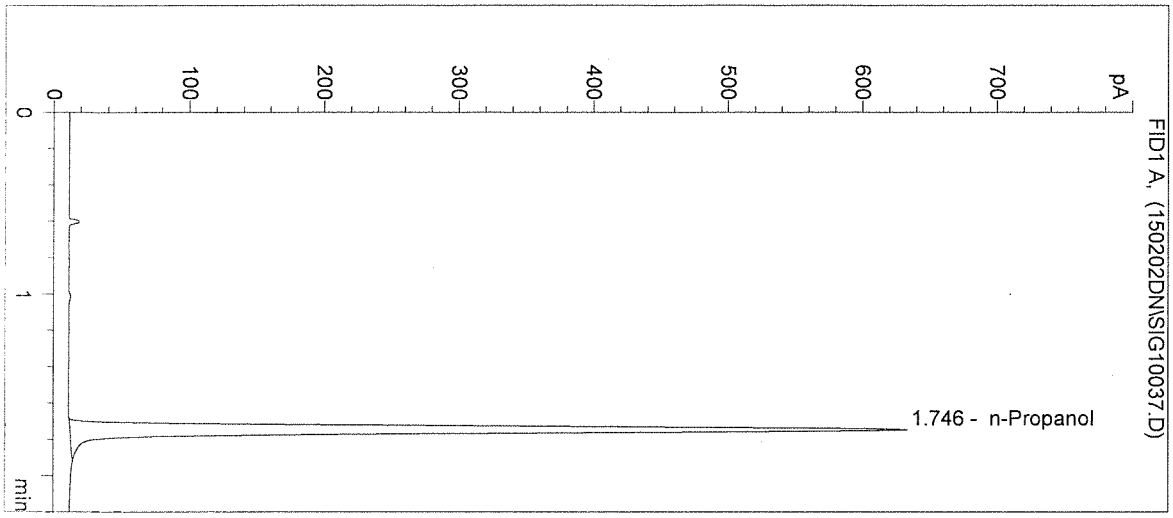
fr

DN

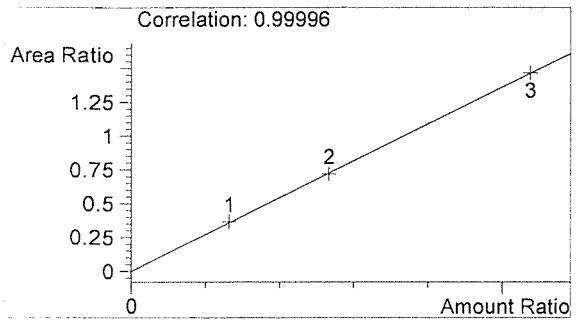
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/2/2015 12:25:15 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15012

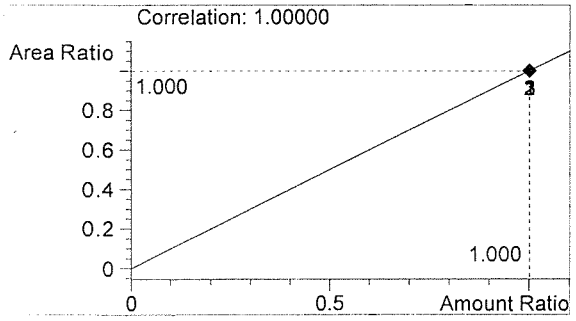
Sample Name: NEG CTRL
Operator: David Nguyen
Location: Vial 37



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1659	1.746



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

DN

Sequence: C:\HPCHEM\2\SEQUENCE\EW-QAP.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:	150203EW
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:

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

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

n-Propanol ISTD - Lot#: P0115 Exp. 04/27/2015

Calibration vials 1-9 are filed with Batch 15009.

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	15009 #1	SIMALC3	1	Sample		
11	Vial 11	15009 #2	SIMALC3	1	Sample		
12	Vial 12	15009 #3	SIMALC3	1	Sample		
13	Vial 13	15009 #4	SIMALC3	1	Sample		
14	Vial 14	15009 #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	15010 #1	SIMALC3	1	Sample		
18	Vial 18	15010 #2	SIMALC3	1	Sample		
19	Vial 19	15010 #3	SIMALC3	1	Sample		
20	Vial 20	15010 #4	SIMALC3	1	Sample		
21	Vial 21	15010 #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	15011 #1	SIMALC3	1	Sample		

15012
fr 3/2/15

fr

EW

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	15011 #2	SIMALC3	1	Sample		
26	Vial 26	15011 #3	SIMALC3	1	Sample		
27	Vial 27	15011 #4	SIMALC3	1	Sample		
28	Vial 28	15011 #5	SIMALC3	1	Sample		
29	Vial 29	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	15012 #1	SIMALC3	1	Sample		
32	Vial 32	15012 #2	SIMALC3	1	Sample		
33	Vial 33	15012 #3	SIMALC3	1	Sample		
34	Vial 34	15012 #4	SIMALC3	1	Sample		
35	Vial 35	15012 #5	SIMALC3	1	Sample		
36	Vial 36	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		
38	Vial 38	15013 #1	SIMALC3	1	Sample		
39	Vial 39	15013 #2	SIMALC3	1	Sample		
40	Vial 40	15013 #3	SIMALC3	1	Sample		
41	Vial 41	15013 #4	SIMALC3	1	Sample		
42	Vial 42	15013 #5	SIMALC3	1	Sample		
43	Vial 43	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
44	Vial 44	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!

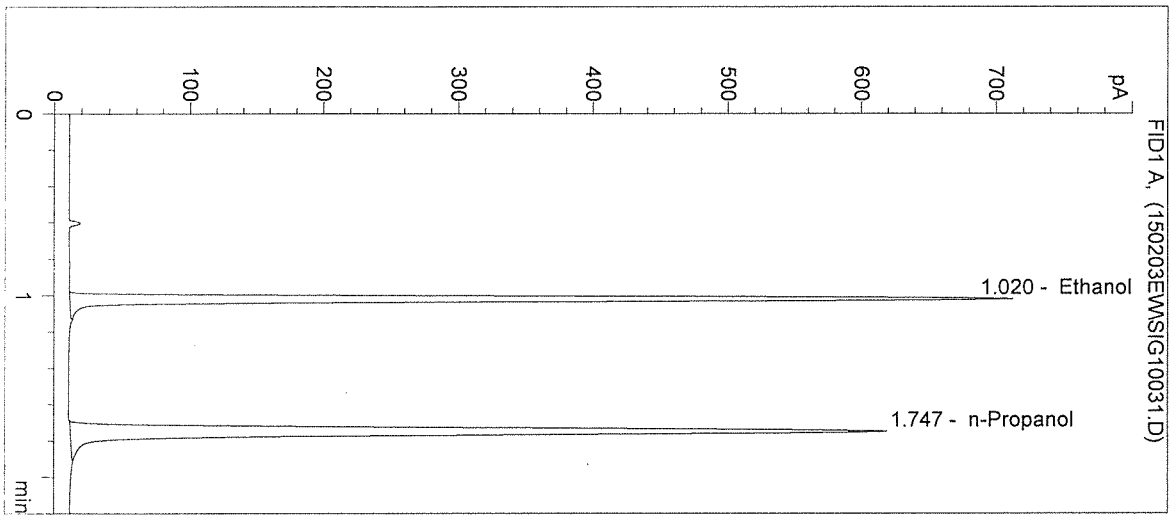
15012
fm 3/4/15
fm

EW

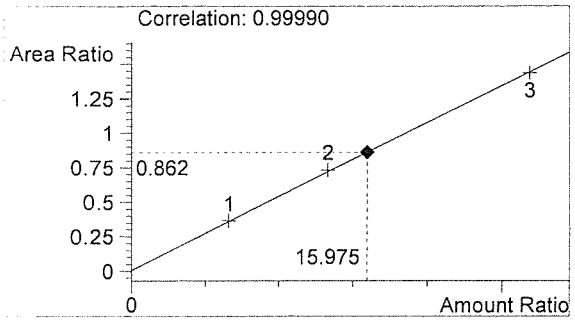
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/3/2015 6:01:16 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

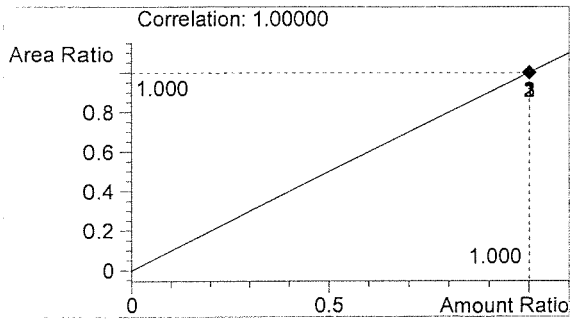
Sample Name: 15012 #1
Operator: Elizabeth Wehner
Location: Vial 31



#	Compound	Peak Area	RT (min)
1	Ethanol	1398	1.020
2	n-Propanol	1622	1.747



Ethanol 0.192 g/100mL



n-Propanol 0.012 g/100mL

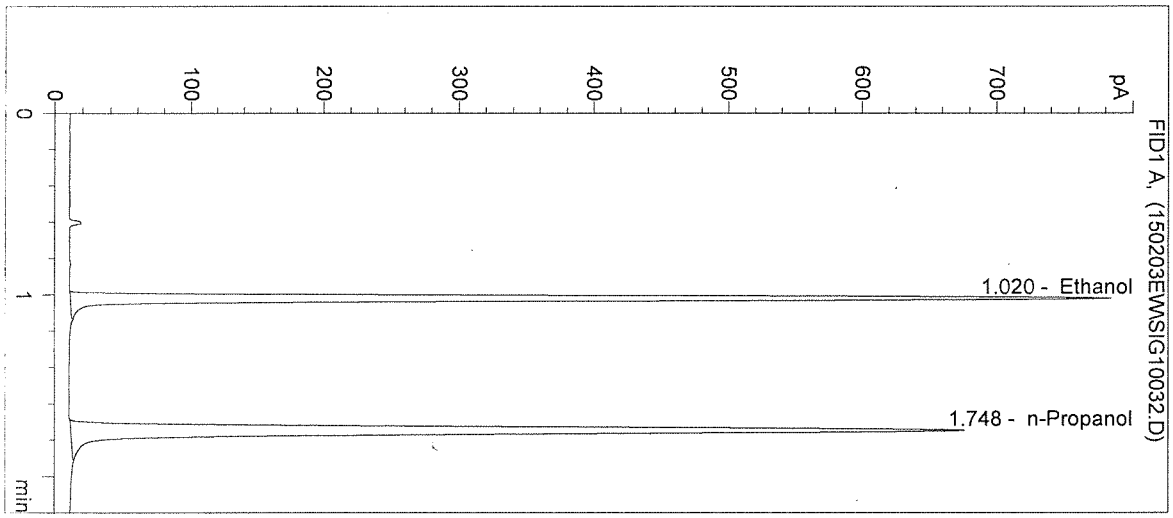
Data File: C:\HPCHEM\2\DATA\150203EW\SIG10031.D

EW

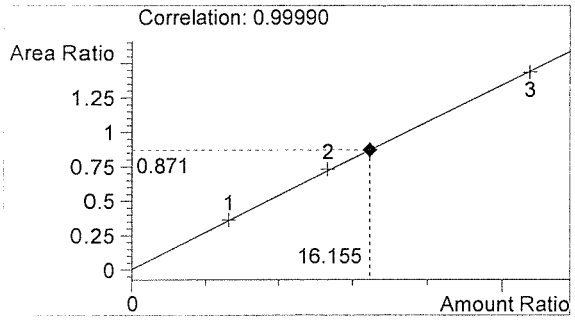
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/3/2015 6:04:29 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

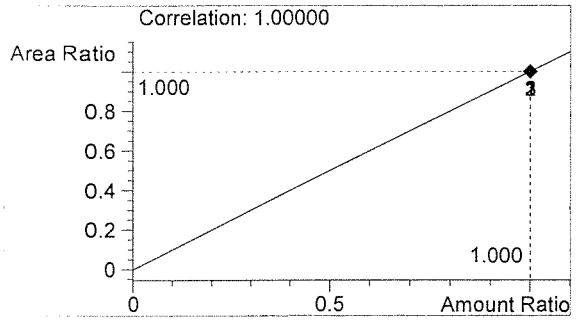
Sample Name: 15012 #2
Operator: Elizabeth Wehner
Location: Vial 32



#	Compound	Peak Area	RT (min)
1	Ethanol	1548	1.020
2	n-Propanol	1777	1.748



Ethanol 0.194 g/100mL



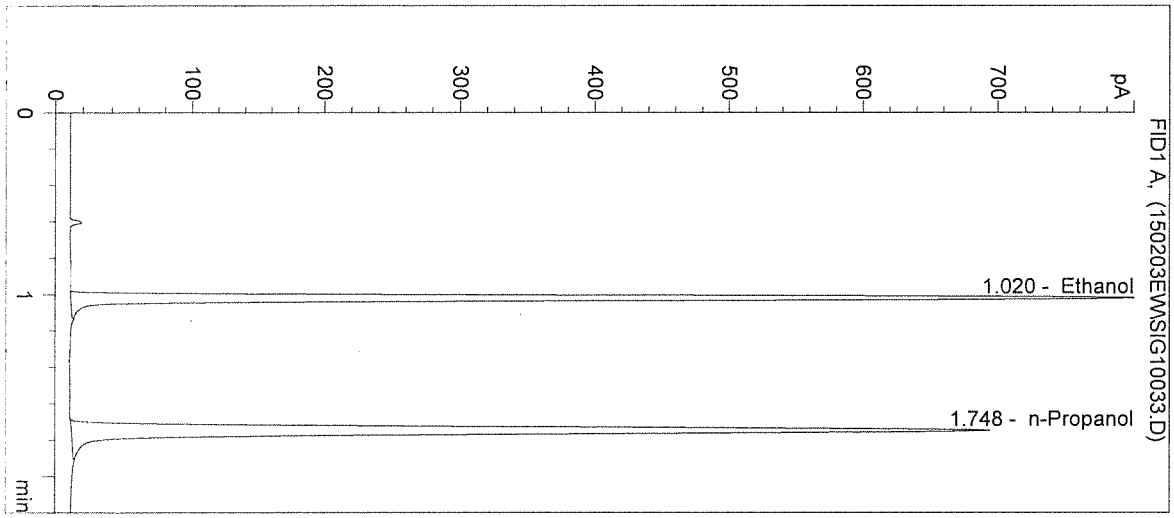
n-Propanol 0.012 g/100mL

EW

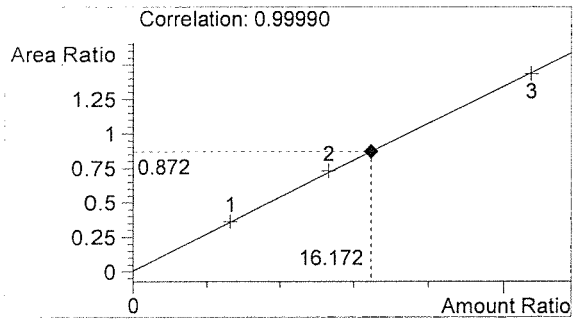
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/3/2015 6:07:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

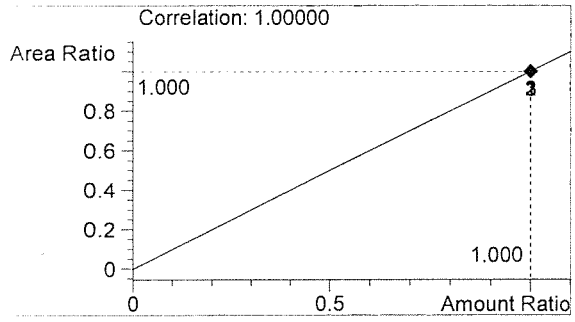
Sample Name: 15012 #3
Operator: Elizabeth Wehner
Location: Vial 33



#	Compound	Peak Area	RT (min)
1	Ethanol	1590	1.020
2	n-Propanol	1823	1.748



Ethanol 0.194 g/100mL



n-Propanol 0.012 g/100mL

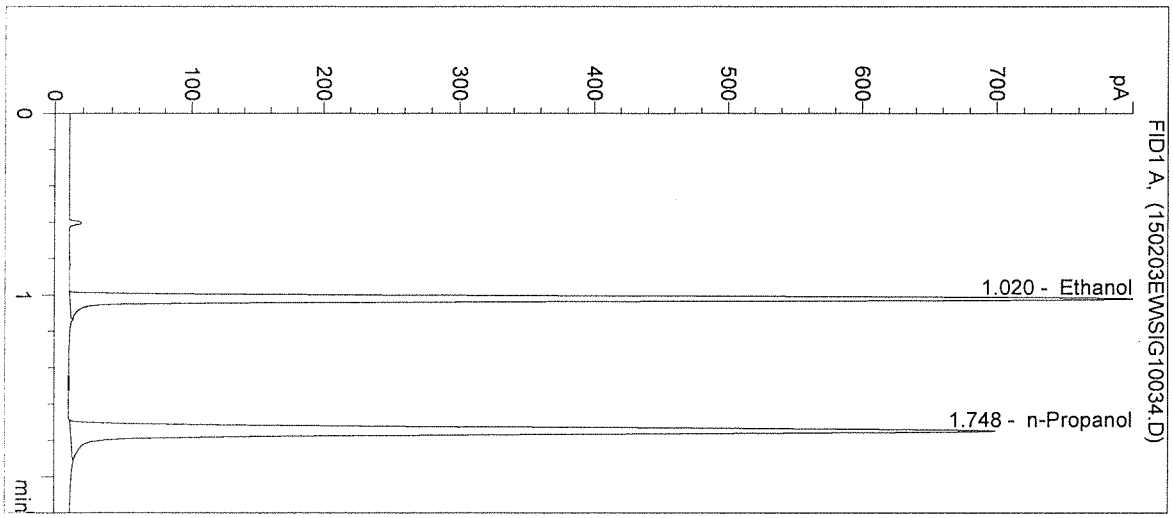
Data File: C:\HPCHEM\2\DATA\150203EW\SIG10033.D

EW

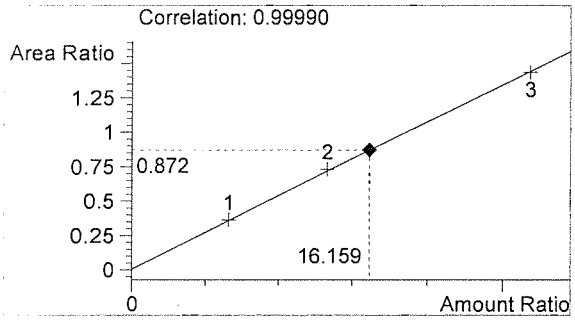
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/3/2015 6:10:55 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

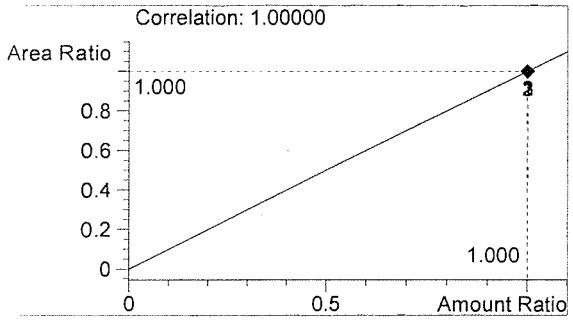
Sample Name: 15012 #4
Operator: Elizabeth Wehner
Location: Vial 34



#	Compound	Peak Area	RT (min)
1	Ethanol	1602	1.020
2	n-Propanol	1839	1.748



Ethanol 0.194 g/100mL



n-Propanol 0.012 g/100mL

fr

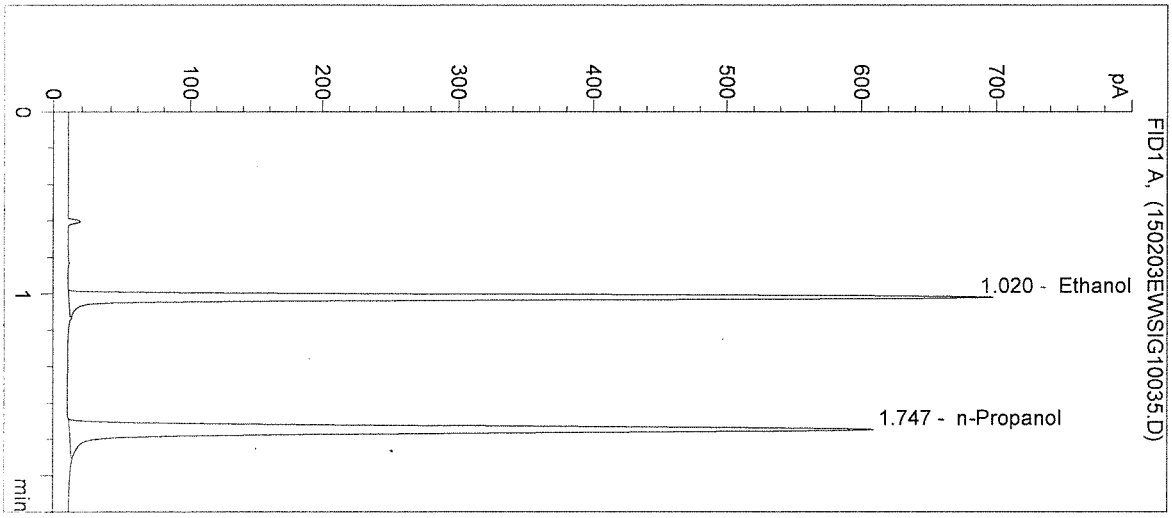
Data File: C:\HPCHEM\2\DATA\150203EW\SIG10034.D

EW

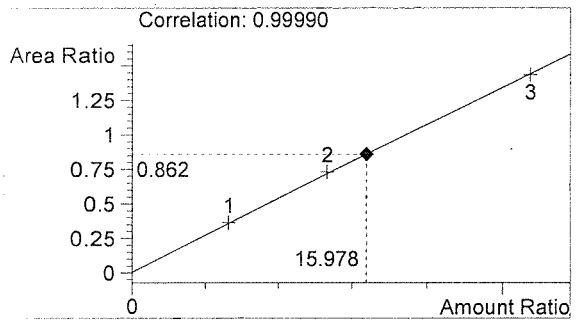
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/3/2015 6:14:09 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

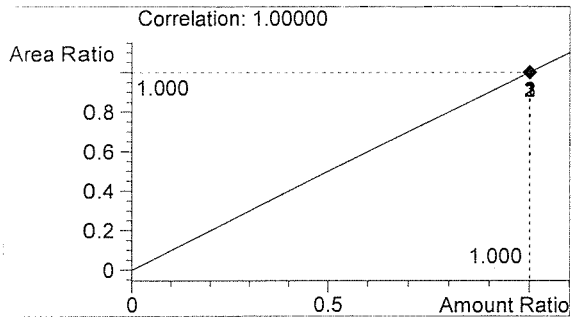
Sample Name: 15012 #5
Operator: Elizabeth Wehner
Location: Vial 35



#	Compound	Peak Area	RT (min)
1	Ethanol	1377	1.020
2	n-Propanol	1597	1.747



Ethanol 0.192 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150203EW\SIG10035.D

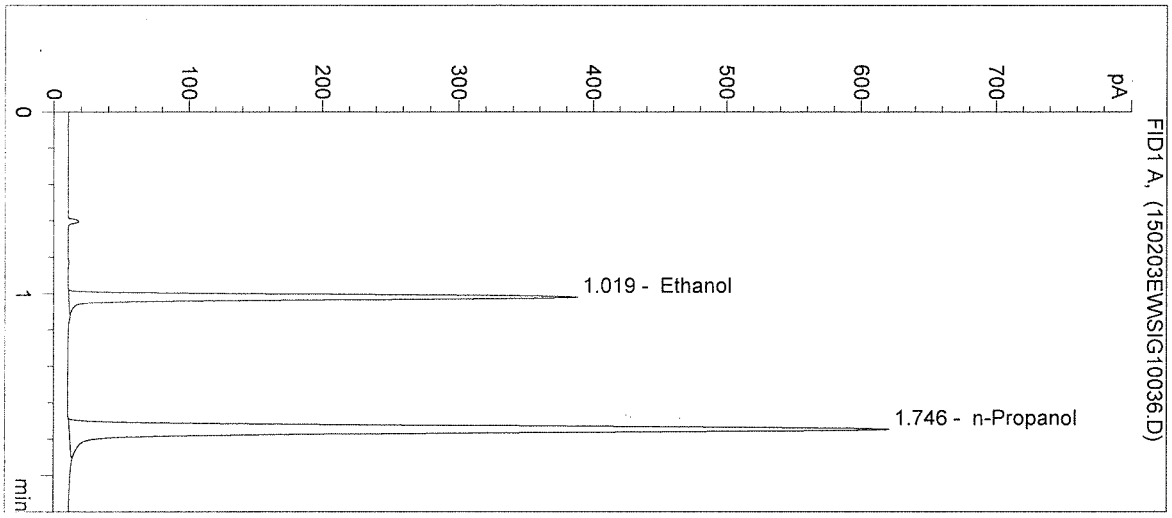
EW

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

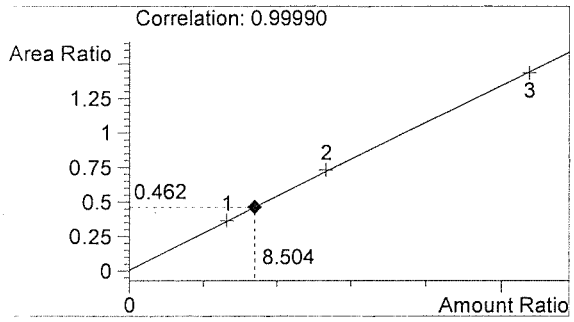
Inj. Date: 2/3/2015 6:17:22 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: POS CTRL: 0.10 g/100mL
15012

Sample Name: POS CTRL (0.10)
Operator: Elizabeth Wehner
Location: Vial 36

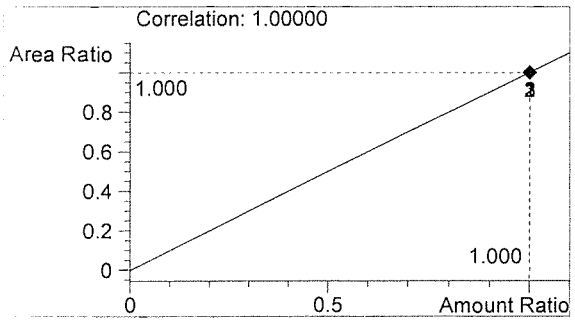
->



#	Compound	Peak Area	RT (min)
1	Ethanol	754	1.019
2	n-Propanol	1630	1.746



Ethanol 0.102 g/100mL



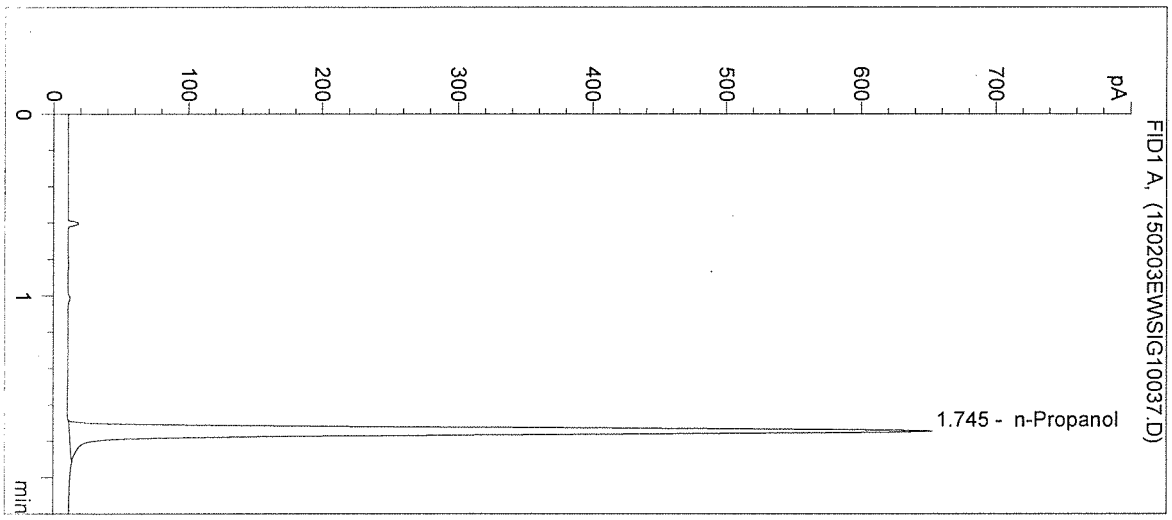
n-Propanol 0.012 g/100mL

EW

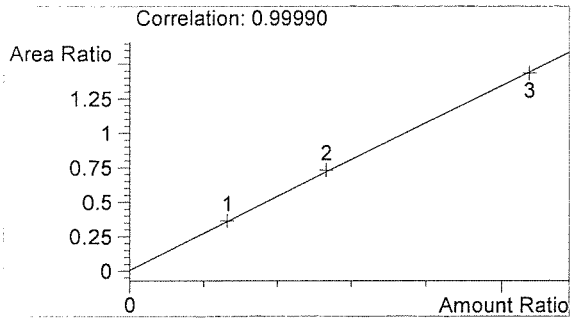
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/3/2015 6:20:36 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15012

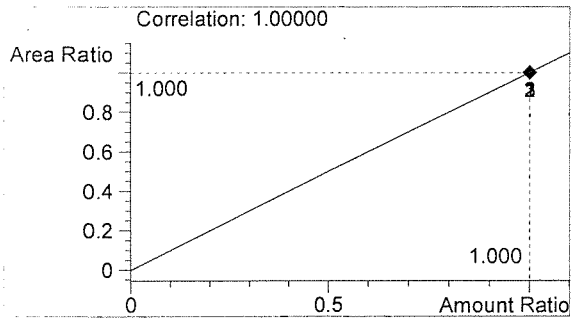
Sample Name: NEG CTRL
Operator: Elizabeth Wehner
Location: Vial 37



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1712	1.745



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150203EW\SIG10037.D

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

Sequence Parameters:

Operator:	Amanda Chandler
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	150209A2
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:

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

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

n-Propanol ISTD - Lot#: P0115 Exp. 04/27/2015

Calibration vials 1-9 are filed with Batch 15009.

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	15009 #1	SIMALC3	1	Sample		
11	Vial 11	15009 #2	SIMALC3	1	Sample		
12	Vial 12	15009 #3	SIMALC3	1	Sample		
13	Vial 13	15009 #4	SIMALC3	1	Sample		
14	Vial 14	15009 #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	15010 #1	SIMALC3	1	Sample		
18	Vial 18	15010 #2	SIMALC3	1	Sample		
19	Vial 19	15010 #3	SIMALC3	1	Sample		
20	Vial 20	15010 #4	SIMALC3	1	Sample		
21	Vial 21	15010 #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	15011 #1	SIMALC3	1	Sample		

15012
3/2/15

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	15011 #2	SIMALC3	1	Sample		
26	Vial 26	15011 #3	SIMALC3	1	Sample		
27	Vial 27	15011 #4	SIMALC3	1	Sample		
28	Vial 28	15011 #5	SIMALC3	1	Sample		
29	Vial 29	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	15012 #1	SIMALC3	1	Sample		
32	Vial 32	15012 #2	SIMALC3	1	Sample		
33	Vial 33	15012 #3	SIMALC3	1	Sample		
34	Vial 34	15012 #4	SIMALC3	1	Sample		
35	Vial 35	15012 #5	SIMALC3	1	Sample		
36	Vial 36	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		
38	Vial 38	15013 #1	SIMALC3	1	Sample		
39	Vial 39	15013 #2	SIMALC3	1	Sample		
40	Vial 40	15013 #3	SIMALC3	1	Sample		
41	Vial 41	15013 #4	SIMALC3	1	Sample		
42	Vial 42	15013 #5	SIMALC3	1	Sample		
43	Vial 43	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
44	Vial 44	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!

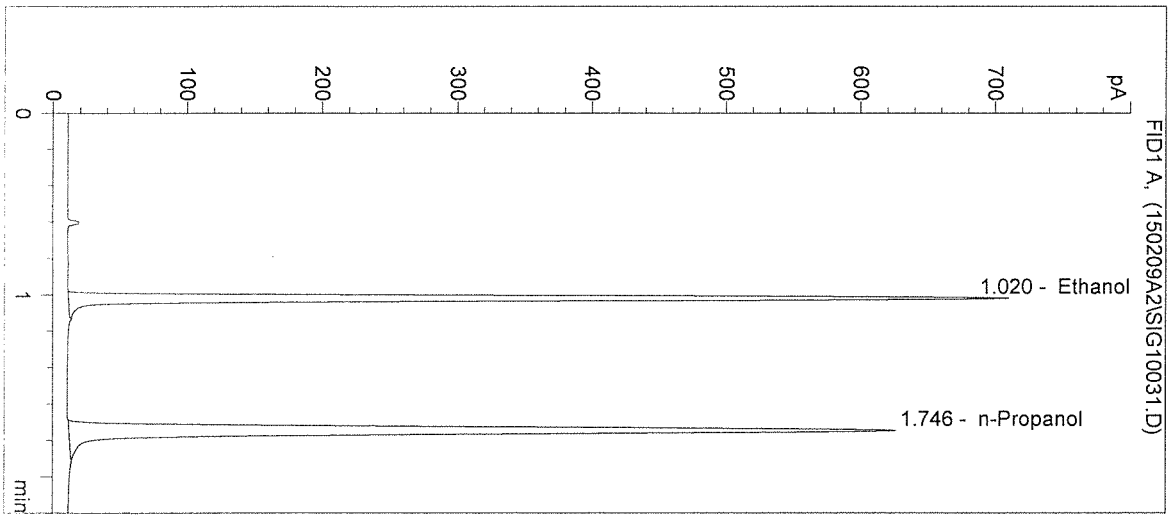
15012

Jn 3/2/15

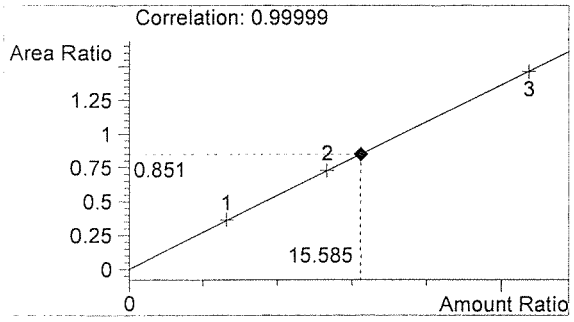
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/9/2015 2:49:46 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

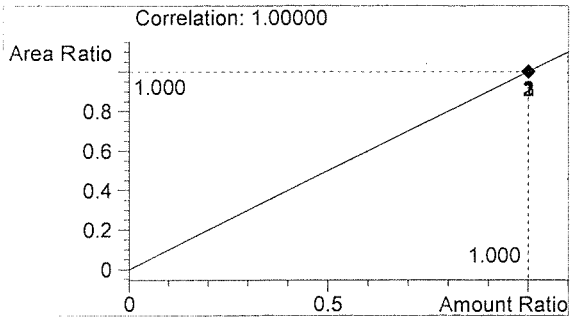
Sample Name: 15012 #1
Operator: Amanda Chandler
Location: Vial 31



#	Compound	Peak Area	RT (min)
1	Ethanol	1393	1.020
2	n-Propanol	1636	1.746



Ethanol 0.187 g/100mL



n-Propanol 0.012 g/100mL

15012

fm 3/2/15

fr

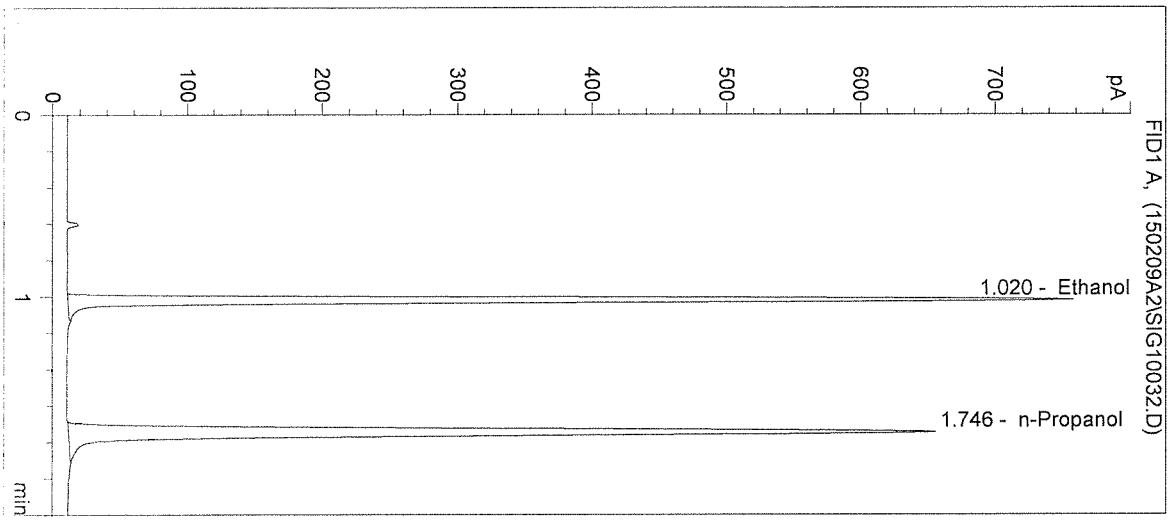
Data File: C:\HPCHEM\2\DATA\150209A2\SIG10031.D

AC

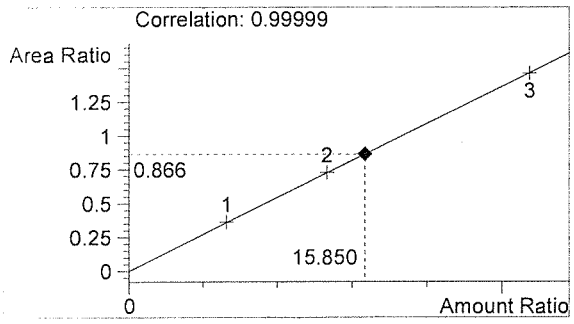
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/9/2015 2:52:59 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

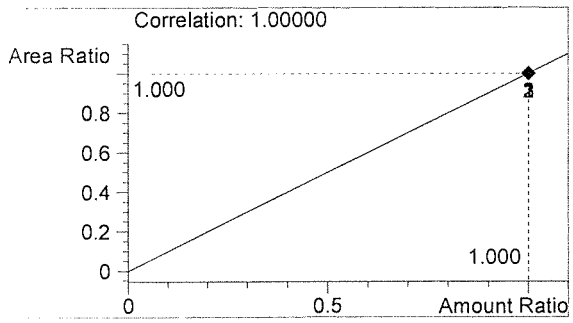
Sample Name: 15012 #2
Operator: Amanda Chandler
Location: Vial 32



#	Compound	Peak Area	RT (min)
1	Ethanol	1486	1.020
2	n-Propanol	1717	1.746



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

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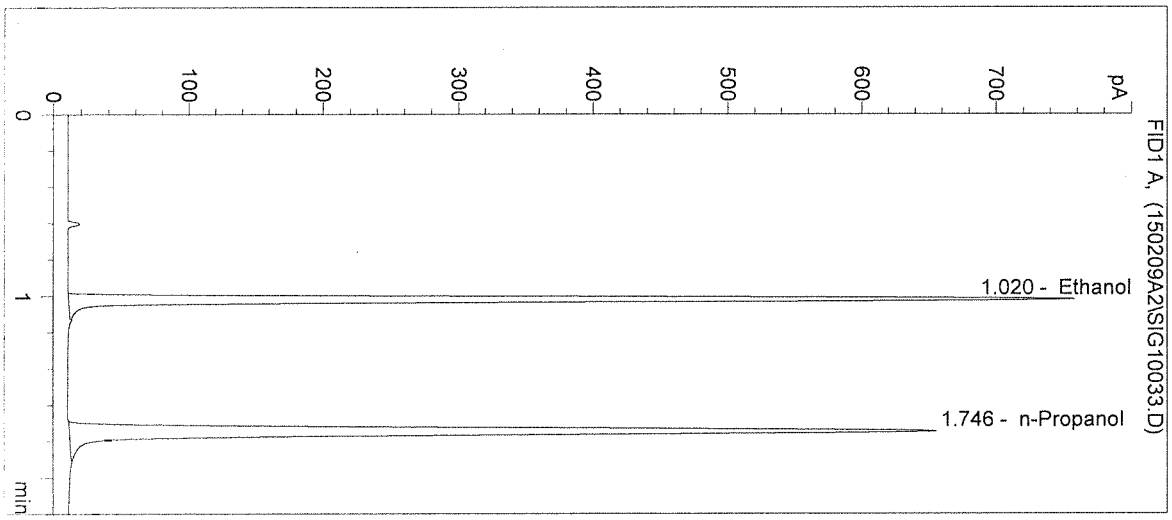
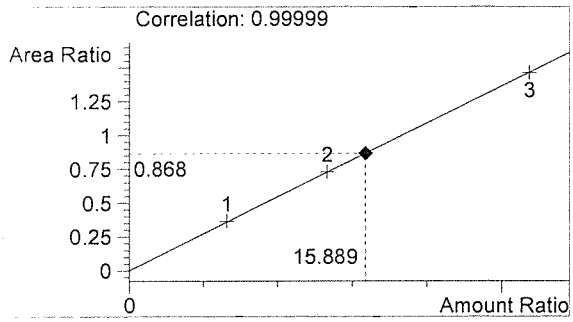
Inj. Date: 2/9/2015 2:56:13 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

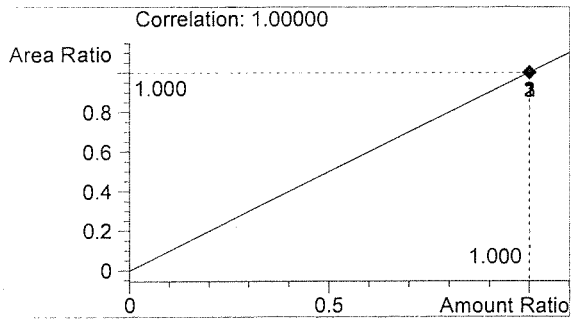
Sample Name: 15012 #3
Operator: Amanda Chandler
Location: Vial 33



#	Compound	Peak Area	RT (min)
1	Ethanol	1491	1.020
2	n-Propanol	1718	1.746



Ethanol 0.191 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150209A2\SIG10033.D

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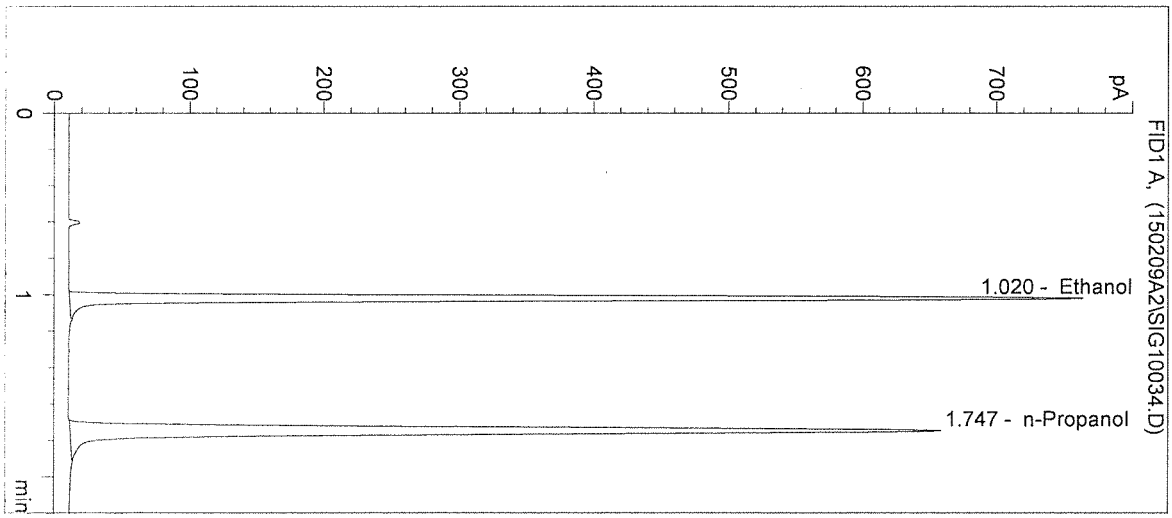
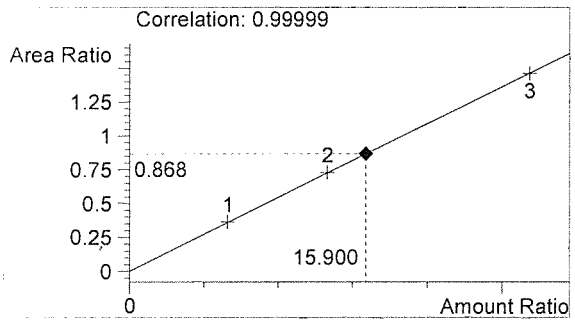
Inj. Date: 2/9/2015 2:59:25 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

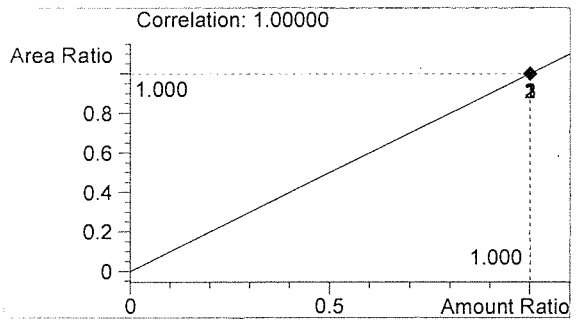
Sample Name: 15012 #4
Operator: Amanda Chandler
Location: Vial 34



#	Compound	Peak Area	RT (min)
1	Ethanol	1499	1.020
2	n-Propanol	1727	1.747



Ethanol 0.191 g/100mL



n-Propanol 0.012 g/100mL

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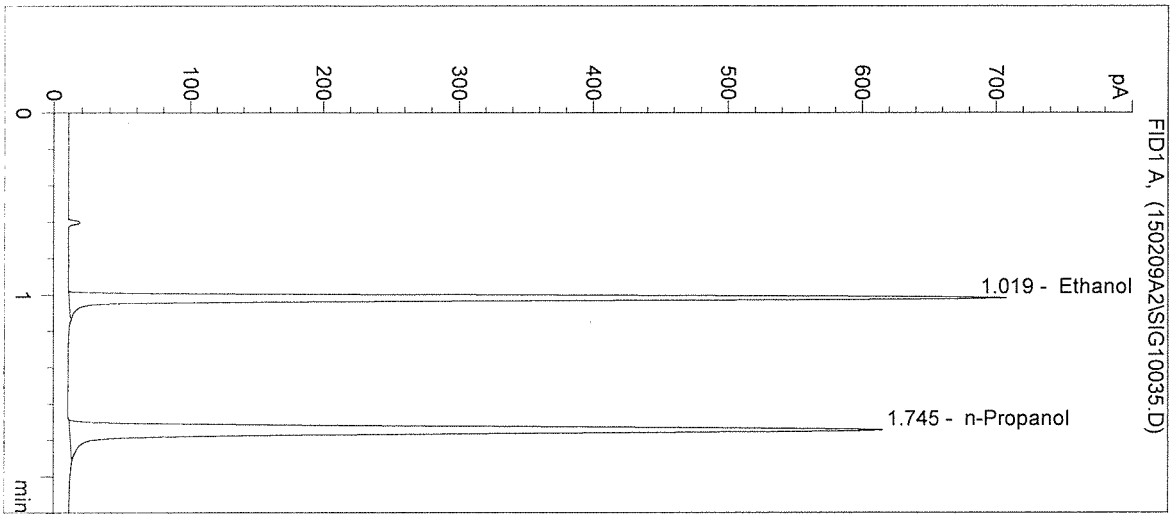
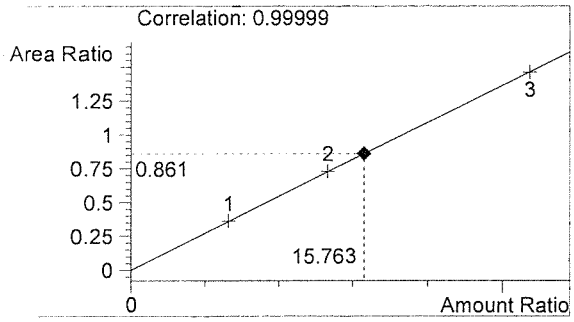
Inj. Date: 2/9/2015 3:02:39 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

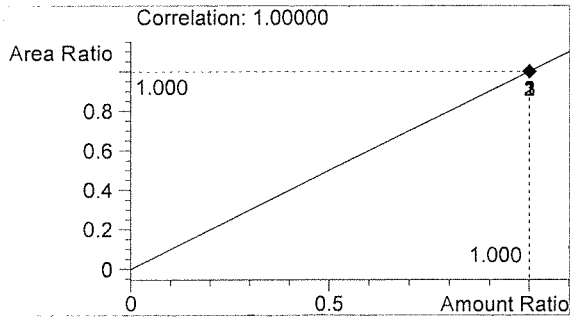
Sample Name: 15012 #5
Operator: Amanda Chandler
Location: Vial 35



#	Compound	Peak Area	RT (min)
1	Ethanol	1386	1.019
2	n-Propanol	1610	1.745



Ethanol 0.189 g/100mL



n-Propanol 0.012 g/100mL

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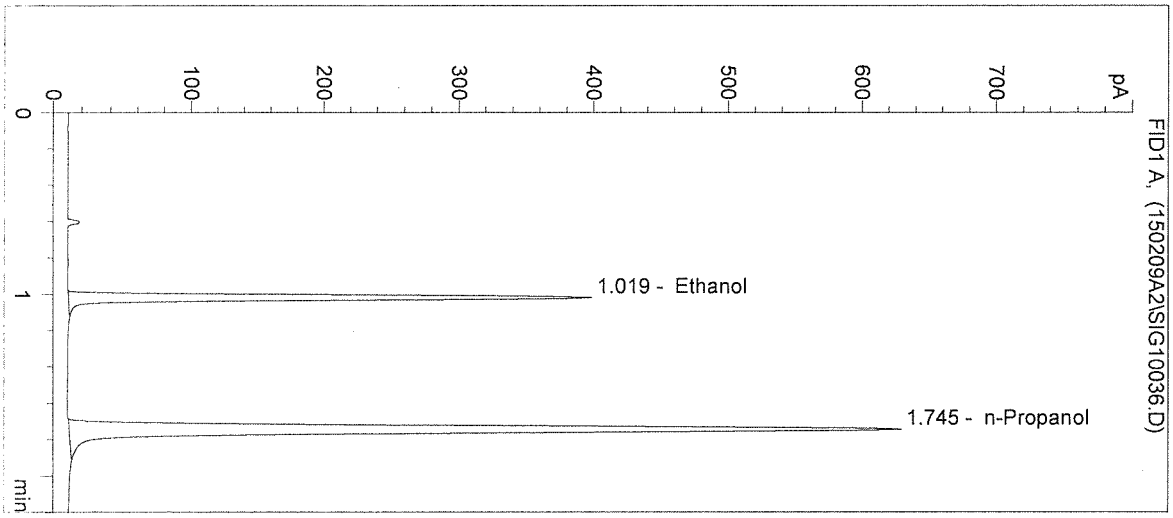
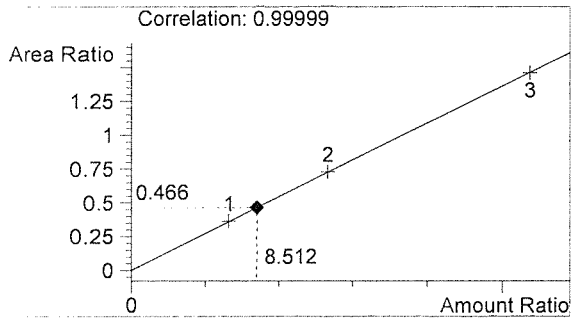
Inj. Date: 2/9/2015 3:05:52 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: POS CTRL: 0.10 g/100mL
15012

Sample Name: POS CTRL (0.10)
Operator: Amanda Chandler
Location: Vial 36

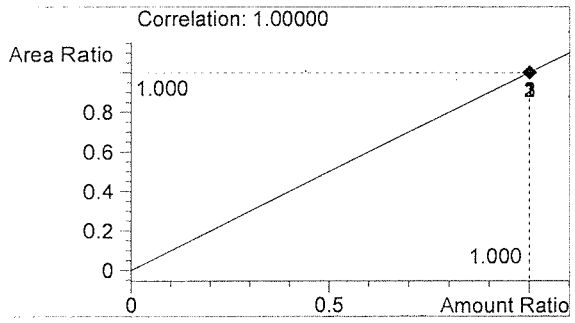
->



#	Compound	Peak Area	RT (min)
1	Ethanol	766	1.019
2	n-Propanol	1644	1.745



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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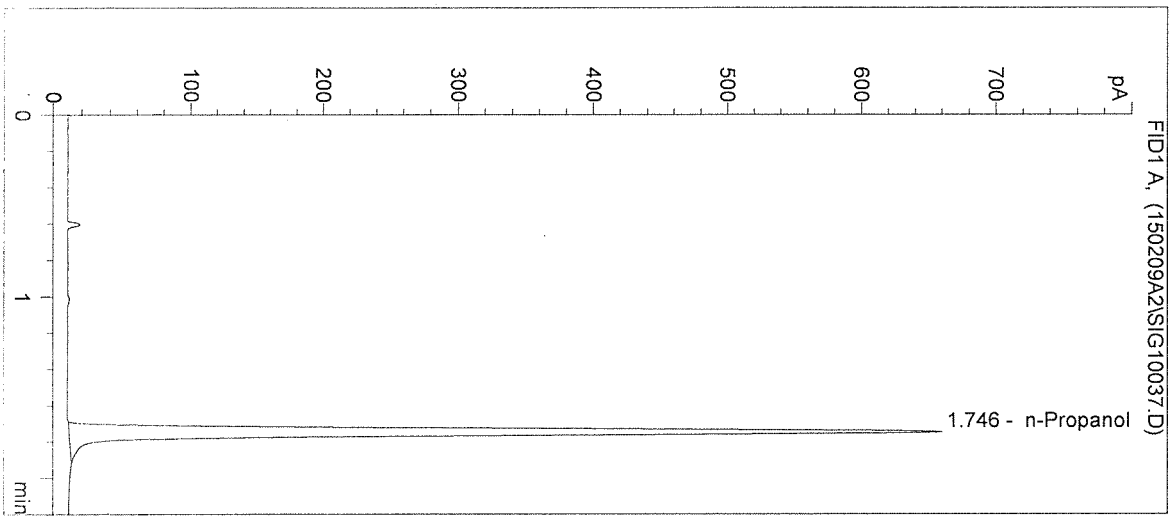
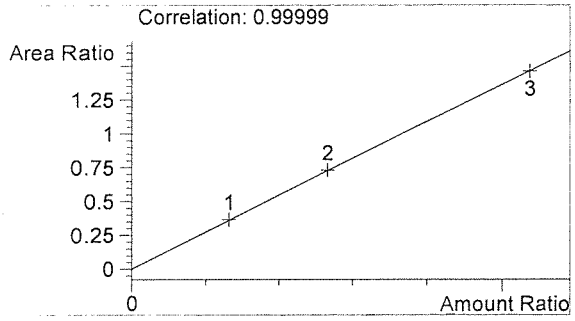
Inj. Date: 2/9/2015 3:09:06 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15012

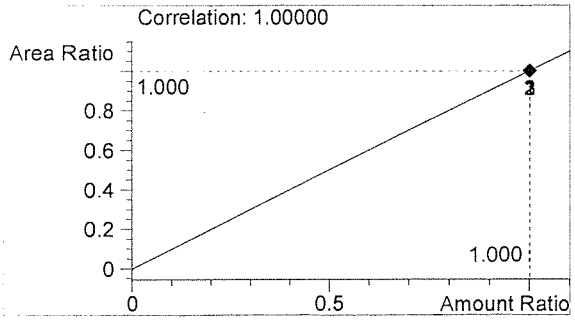
Sample Name: NEG CTRL
Operator: Amanda Chandler
Location: Vial 37



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1729	1.746



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL
