



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 15010

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: 02/02/2015
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: David Nguyen

	DN	EW	AC
1	0.100	0.101	0.101
2	0.100	0.101	0.100
3	0.103	0.100	0.101
4	0.103	0.101	0.100
5	0.103	0.101	0.100
C	0.103	0.105	0.102

ETHANOL CONTROL INFORMATION

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

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.1010 g/100mL PRECISION CV (%): 1.12
STANDARD DEVIATION: 0.00113 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.0821 g/210L**
EXPANDED UNCERTAINTY: ± 0.0022 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Lisa Noble

Lisa Noble Forensic Scientist Supervisor

3/18/15

DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

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

This report applies only to the item being tested and shall not be reproduced except in full, without the written approval of the WSP Toxicology Laboratory Division. Page 1 of 1

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

QAP Solution Batch #: 15010

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	0.100	0.101	0.101
2	0.100	0.101	0.100
3	0.103	0.100	0.101
4	0.103	0.101	0.100
5	0.103	0.101	0.100
C	0.103	0.105	0.102

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000084025	0.0000728408	0.0001016326

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

Average Solution Concentration: 0.1010 g/100mL
Standard Deviation: 0.00113 g/100mL
Precision CV (%): 1.12
Equivalent Vapor Concentration: 0.0821 g/210L
Combined Standard Uncertainty (\pm): 0.0011 g/210L
Expanded Uncertainty (\pm): 0.0022 coverage factor (k) =2 (95.45% level of confidence)

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

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

Method: Hand calculation

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

SIMULATOR SOLUTION DATA ENTRY REVIEW

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

Location: WSP-FSB Seattle, WA Solution Batch Number: 15010

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

Comments:

Reviewer Signature:  Date: 3-18-15

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 # 15010 for 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

**0.08 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 15010**

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 15010, 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

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 15010**

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 15010, 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
Forensic Scientist

Date



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	<input checked="" type="checkbox"/>	<u>15009</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>15010</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>15011</u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>15012</u>
QAP 0.20	56.1	18	<input checked="" type="checkbox"/>	<u>15013</u>
ESS	66.5	52	<input type="checkbox"/>	<u> </u>

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 out discarded. 2/13/15 DN


Analyst Signature

2/2/15
Date

Sequence Parameters:

Operator: David Nguyen
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\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		

15010
 In 2/19/15

fr

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!

15010

for 2/19/15

for

DN

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

Inj. Date: 2/2/2015 11:20:50 AM

Sample Name: 15010 #1

Instrument: HSGC#3

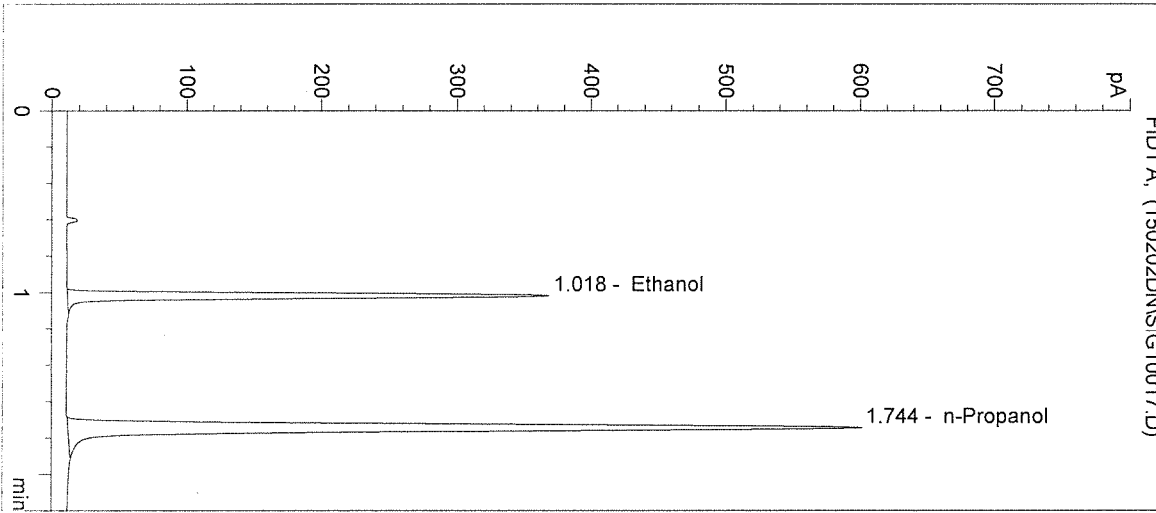
Operator: David Nguyen

Column: DB-ALC2

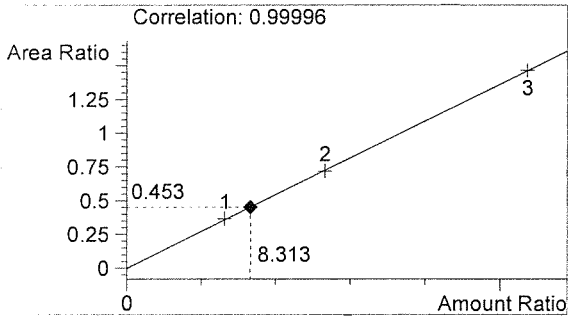
Location: Vial 17

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

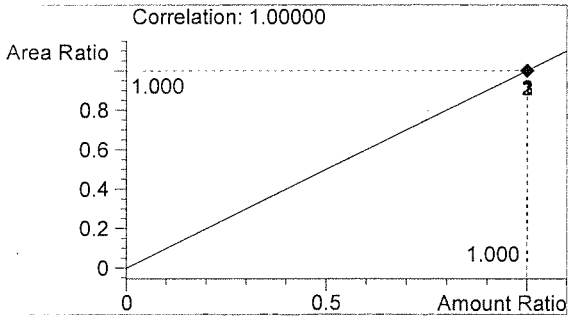
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	713	1.018
2	n-Propanol	1574	1.744



Ethanol 0.100 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 11:24:02 AM

Sample Name: 15010 #2

Instrument: HSGC#3

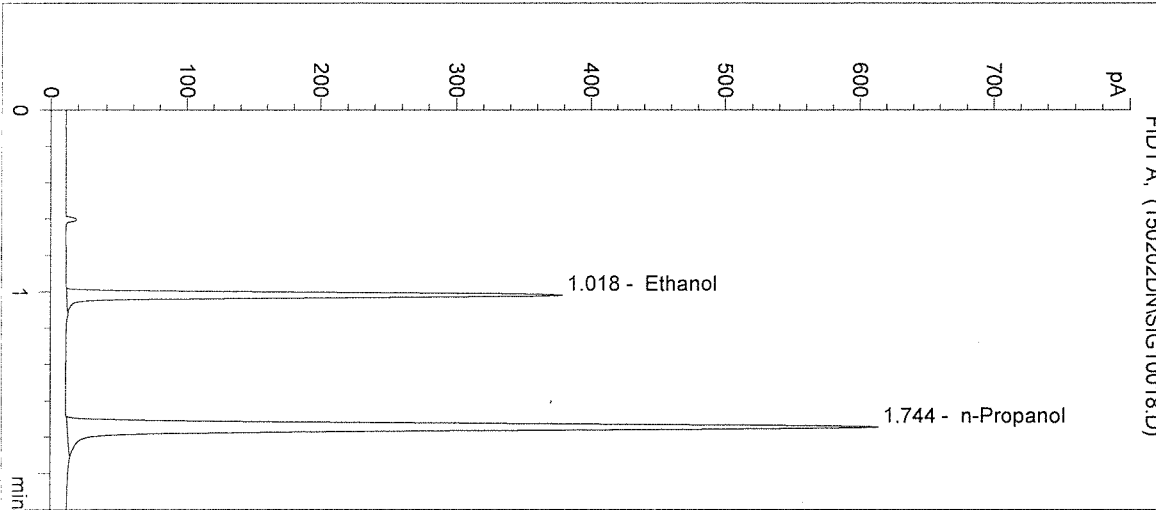
Operator: David Nguyen

Column: DB-ALC2

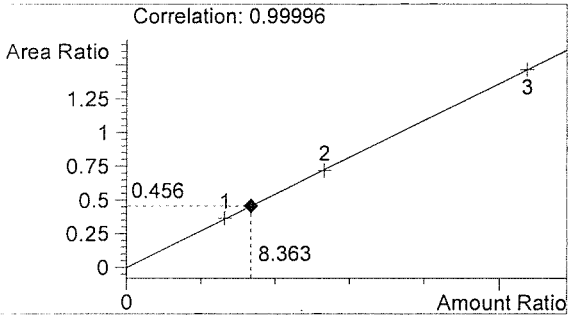
Location: Vial 18

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

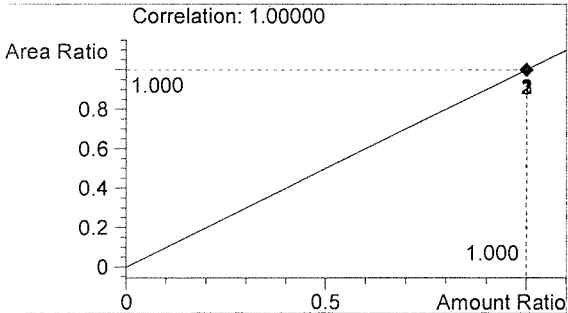
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	734	1.018
2	n-Propanol	1609	1.744



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

DN

DN

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

Inj. Date: 2/2/2015 11:27:16 AM

Sample Name: 15010 #3

Instrument: HSGC#3

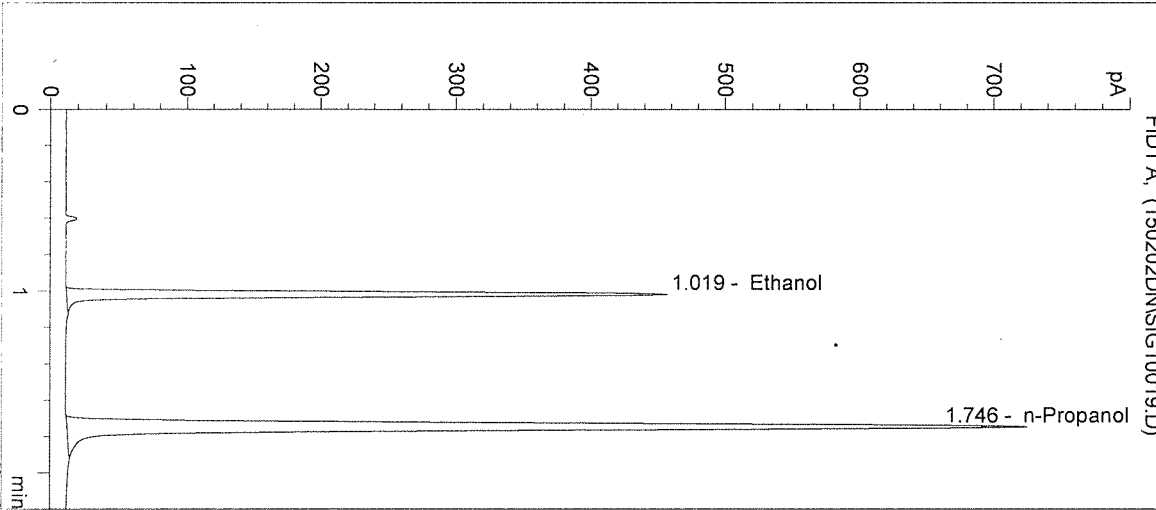
Operator: David Nguyen

Column: DB-ALC2

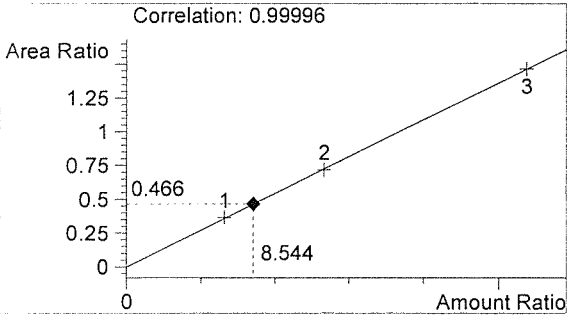
Location: Vial 19

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

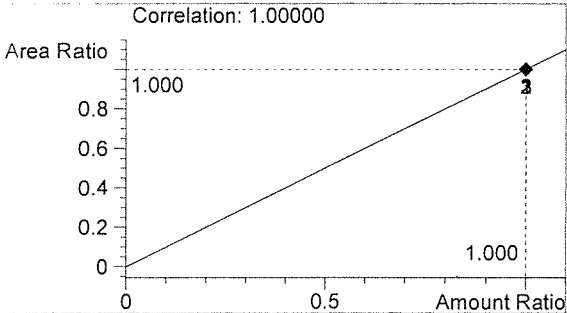
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	888	1.019
2	n-Propanol	1907	1.746



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

fr

DNL

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

Inj. Date: 2/2/2015 11:30:30 AM

Sample Name: 15010 #4

Instrument: HSGC#3

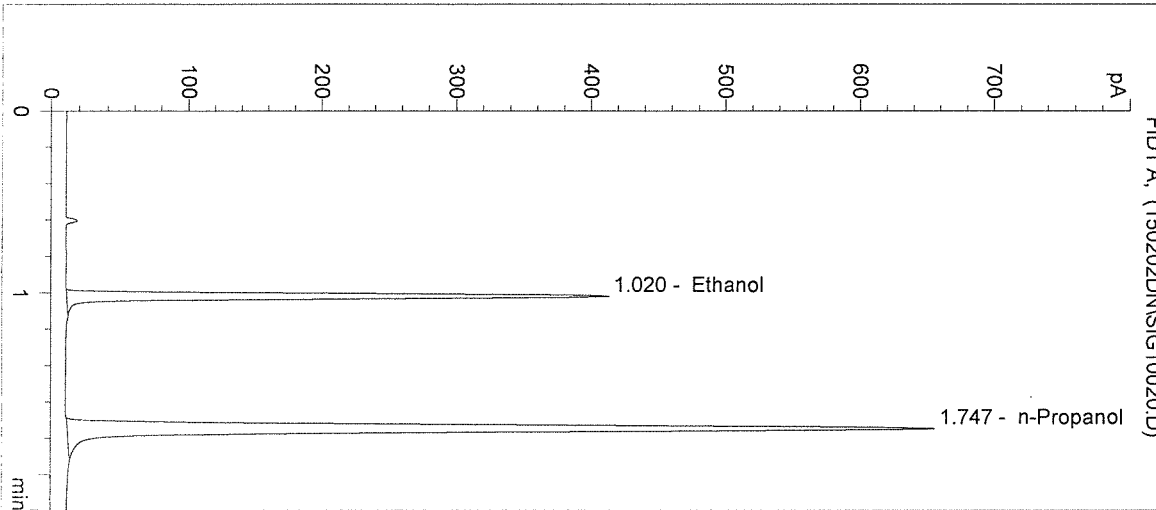
Operator: David Nguyen

Column: DB-ALC2

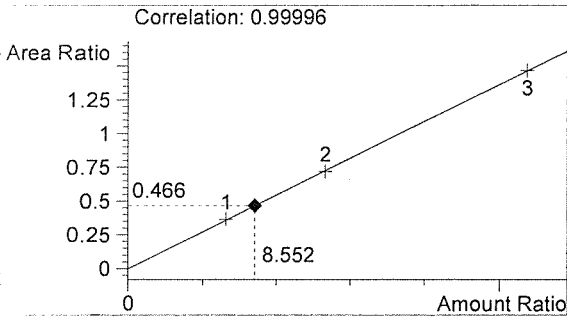
Location: Vial 20

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

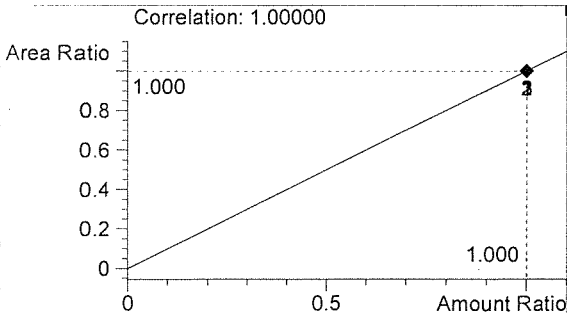
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	802	1.020
2	n-Propanol	1721	1.747



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

gr

DN

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

Inj. Date: 2/2/2015 11:33:42 AM

Sample Name: 15010 #5

Instrument: HSGC#3

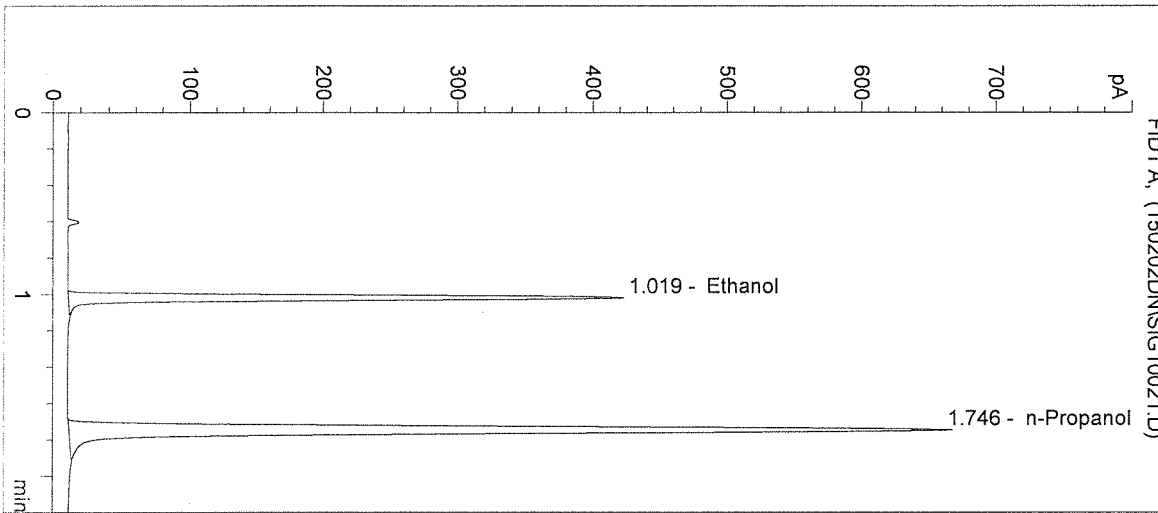
Operator: David Nguyen

Column: DB-ALC2

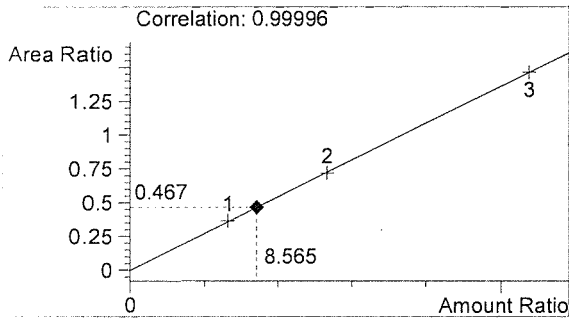
Location: Vial 21

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

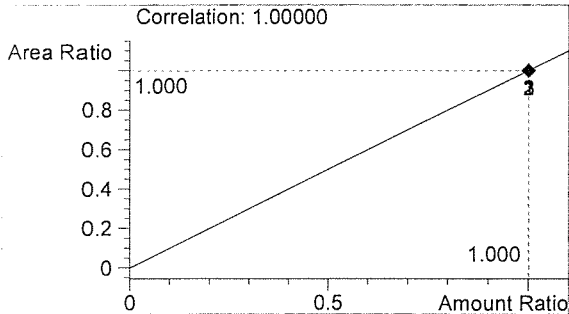
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	820	1.019
2	n-Propanol	1755	1.746



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

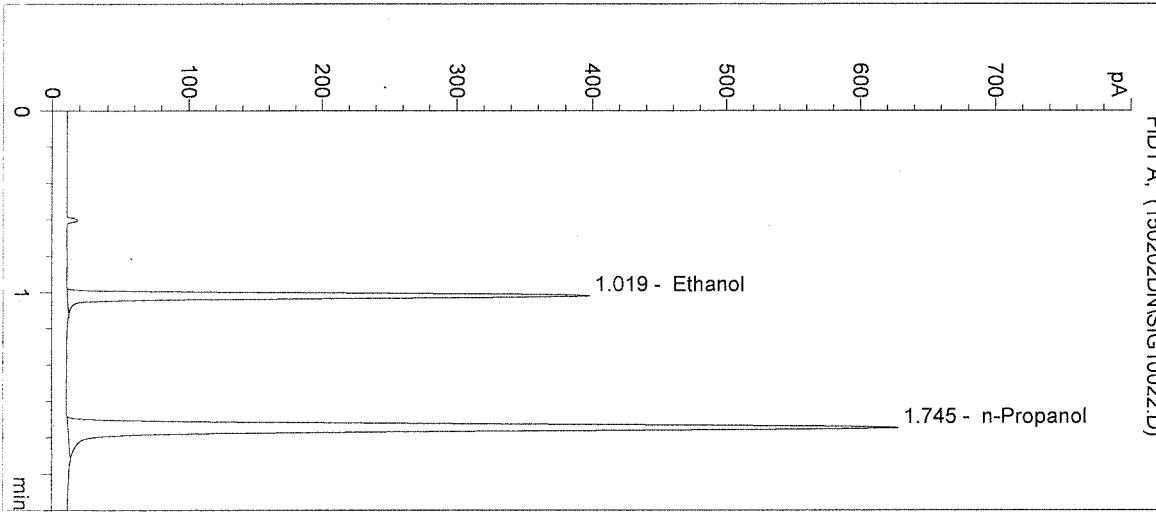
DN

DN

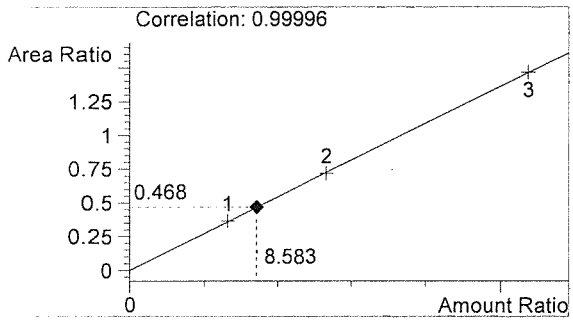
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/2/2015 11:36:56 AM Sample Name: POS CTRL (0.10)
 Instrument: HSGC#3 Operator: David Nguyen
 Column: DB-ALC2 Location: Vial 22
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info: POS CTRL: 0.10 g/100mL
 15010

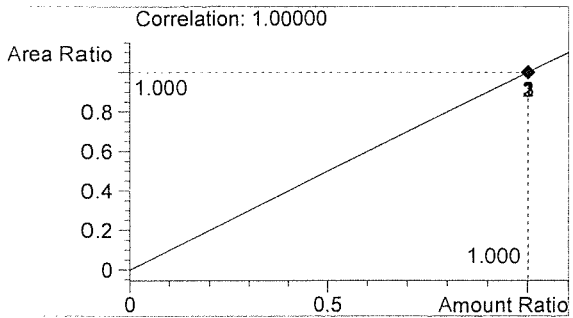
->



#	Compound	Peak Area	RT (min)
1	Ethanol	772	1.019
2	n-Propanol	1649	1.745



Ethanol 0.103 g/100mL



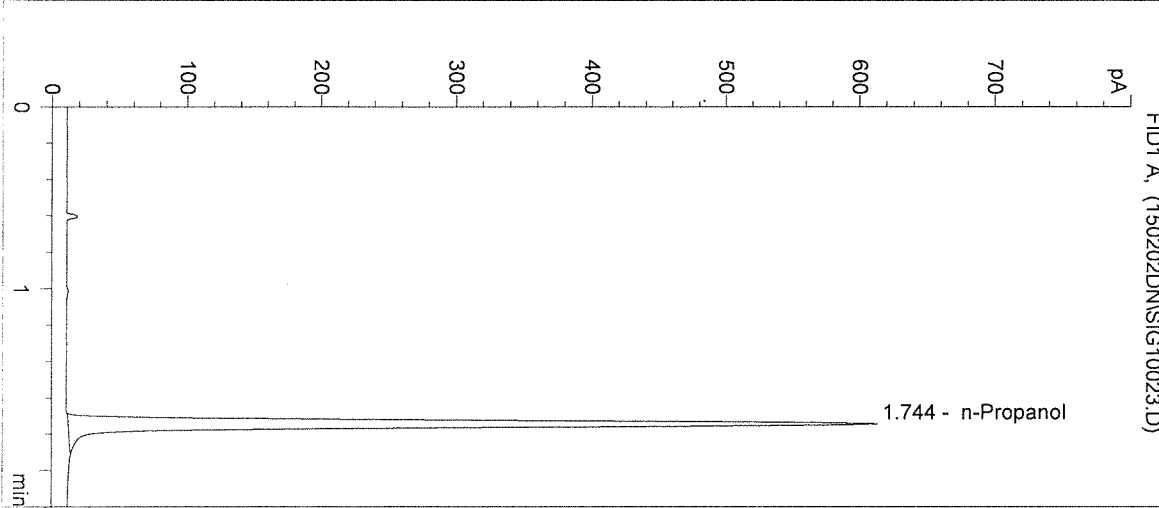
n-Propanol 0.012 g/100mL

Handwritten mark

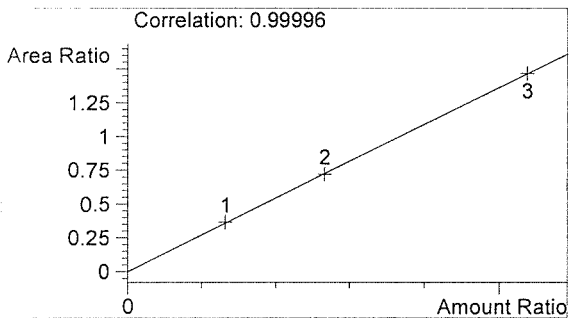
DN

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

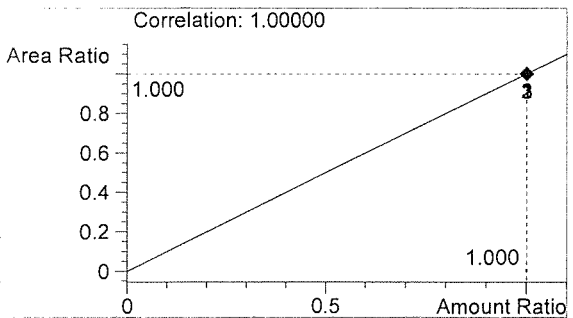
Inj. Date: 2/2/2015 11:40:09 AM Sample Name: NEG CTRL
Instrument: HSGC#3 Operator: David Nguyen
Column: DB-ALC2 Location: Vial 23
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15010



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1608	1.744



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Handwritten mark

Handwritten mark

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		

15010
 In 2/19/15

EW

EW

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!

15010
 2/2/15

for

EW

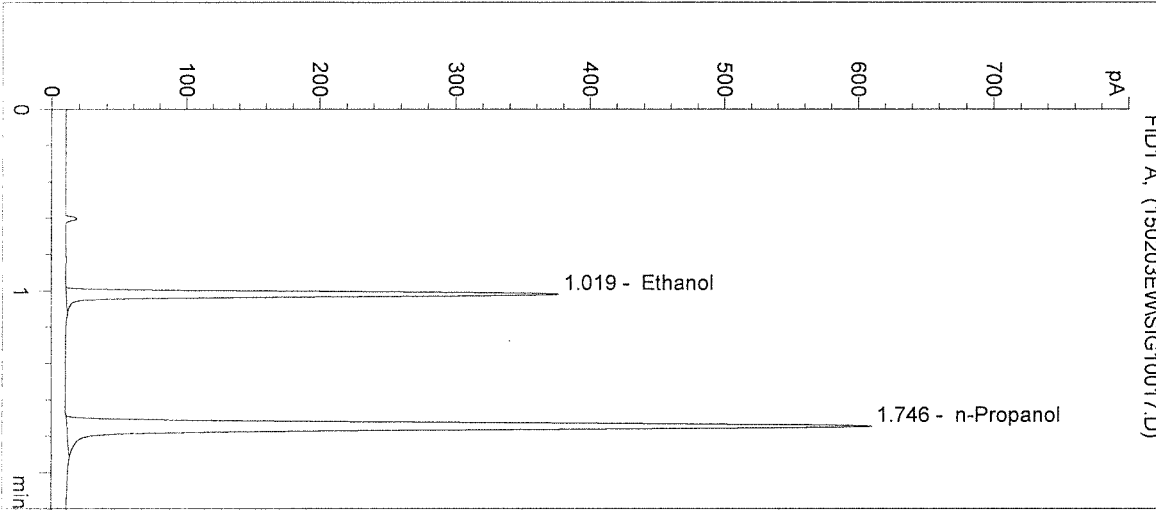
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/3/2015 5:16:09 PM
 Instrument: HSGC#3
 Column: DB-ALC2

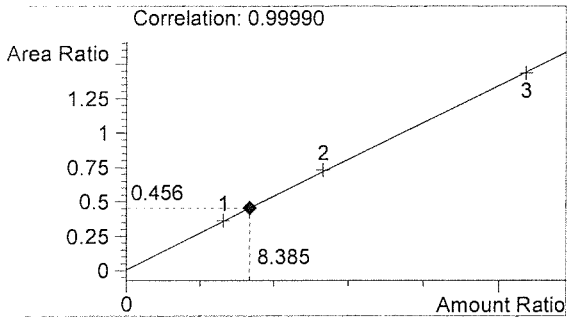
Sample Name: 15010 #1
 Operator: Elizabeth Wehner
 Location: Vial 17

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

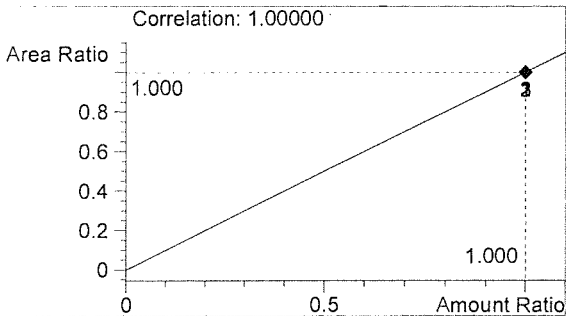
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	731	1.019
2	n-Propanol	1603	1.746



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

tr

EW

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

Inj. Date: 2/3/2015 5:19:22 PM

Sample Name: 15010 #2

Instrument: HSGC#3

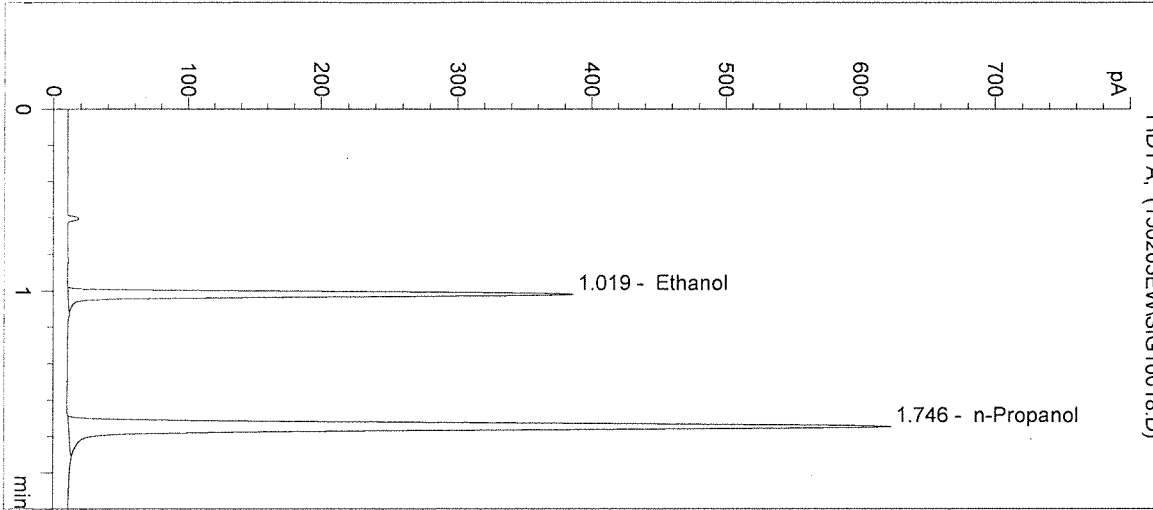
Operator: Elizabeth Wehner

Column: DB-ALC2

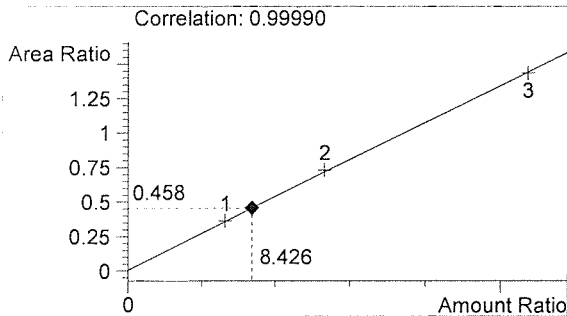
Location: Vial 18

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

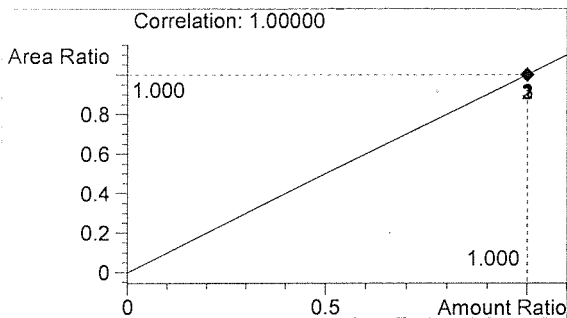
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	750	1.019
2	n-Propanol	1636	1.746



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

EW

EW

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

Inj. Date: 2/3/2015 5:22:36 PM

Sample Name: 15010 #3

Instrument: HSGC#3

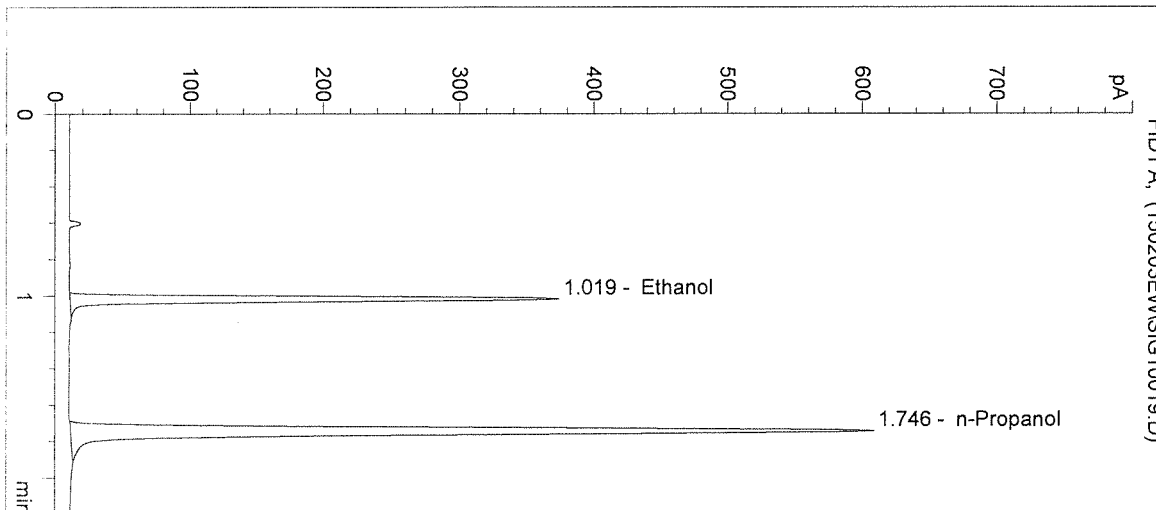
Operator: Elizabeth Wehner

Column: DB-ALC2

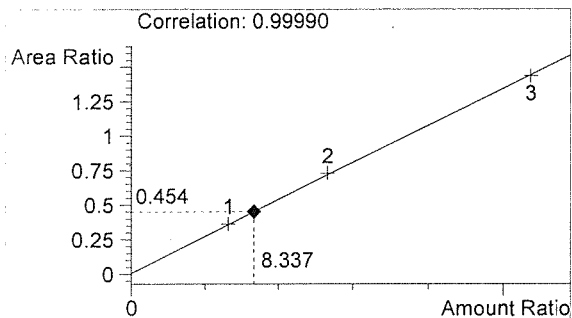
Location: Vial 19

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

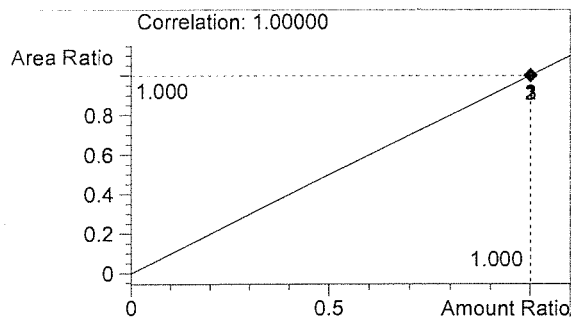
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	725	1.019
2	n-Propanol	1598	1.746



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

EW

EW

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

Inj. Date: 2/3/2015 5:25:49 PM

Sample Name: 15010 #4

Instrument: HSGC#3

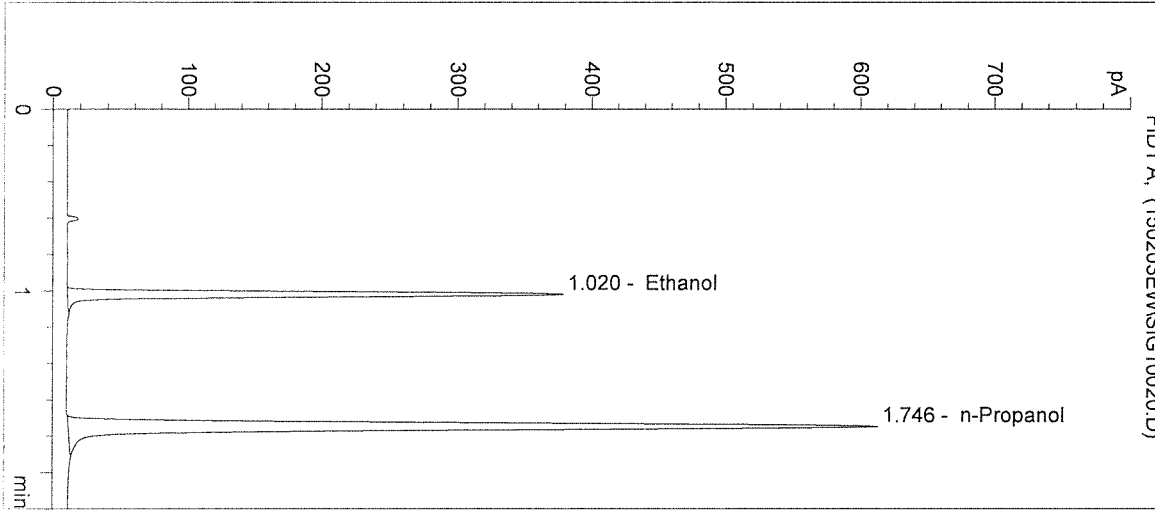
Operator: Elizabeth Wehner

Column: DB-ALC2

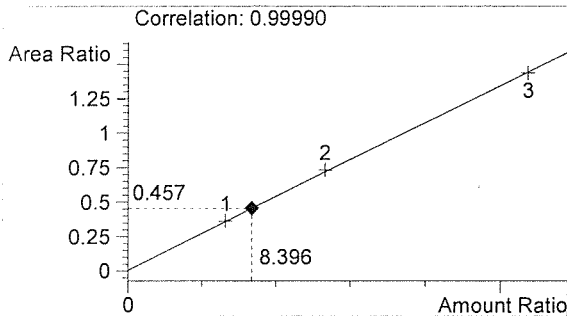
Location: Vial 20

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

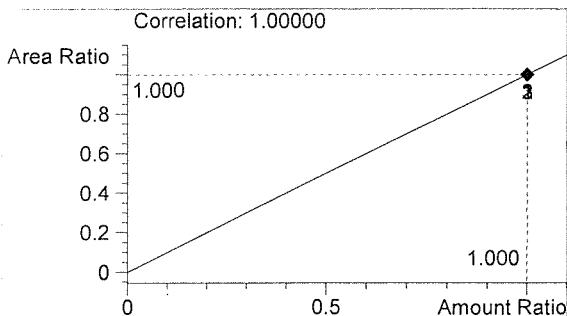
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	734	1.020
2	n-Propanol	1607	1.746



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

EW

EW

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

Inj. Date: 2/3/2015 5:29:02 PM

Sample Name: 15010 #5

Instrument: HSGC#3

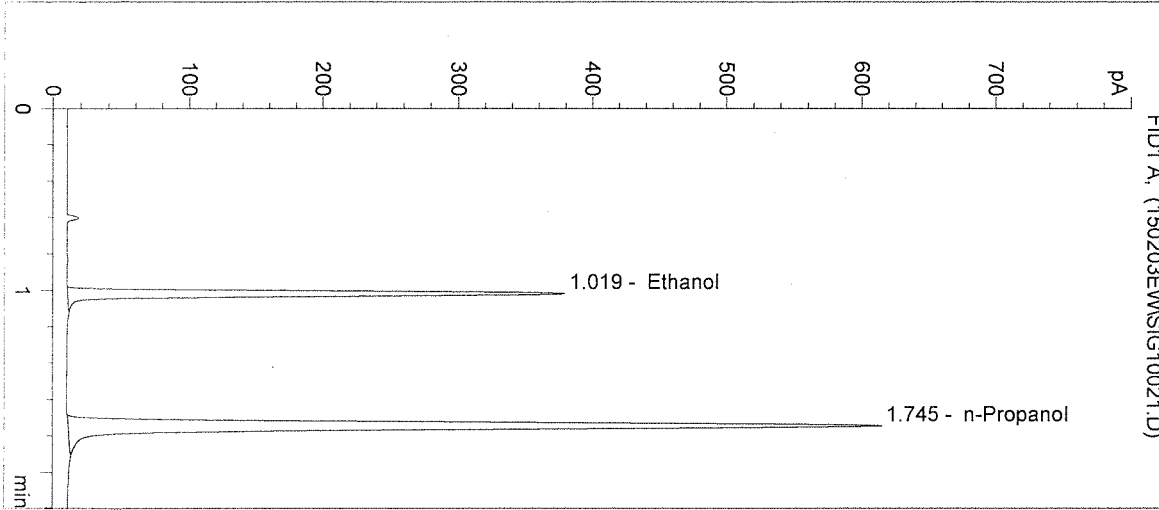
Operator: Elizabeth Wehner

Column: DB-ALC2

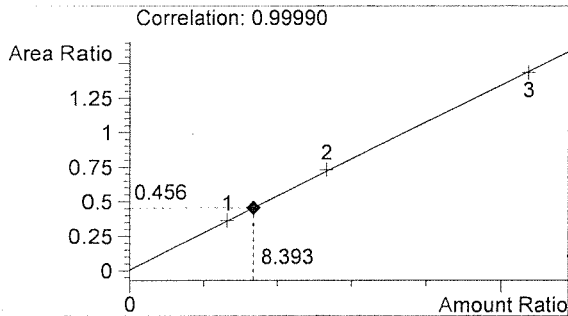
Location: Vial 21

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

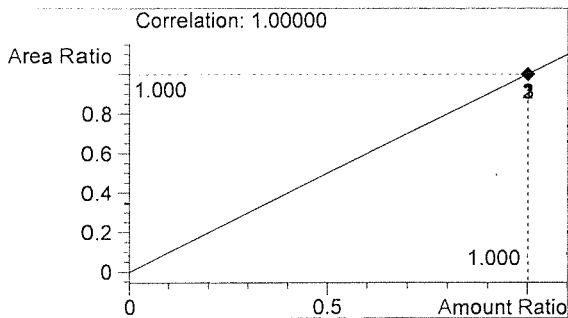
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	737	1.019
2	n-Propanol	1614	1.745



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

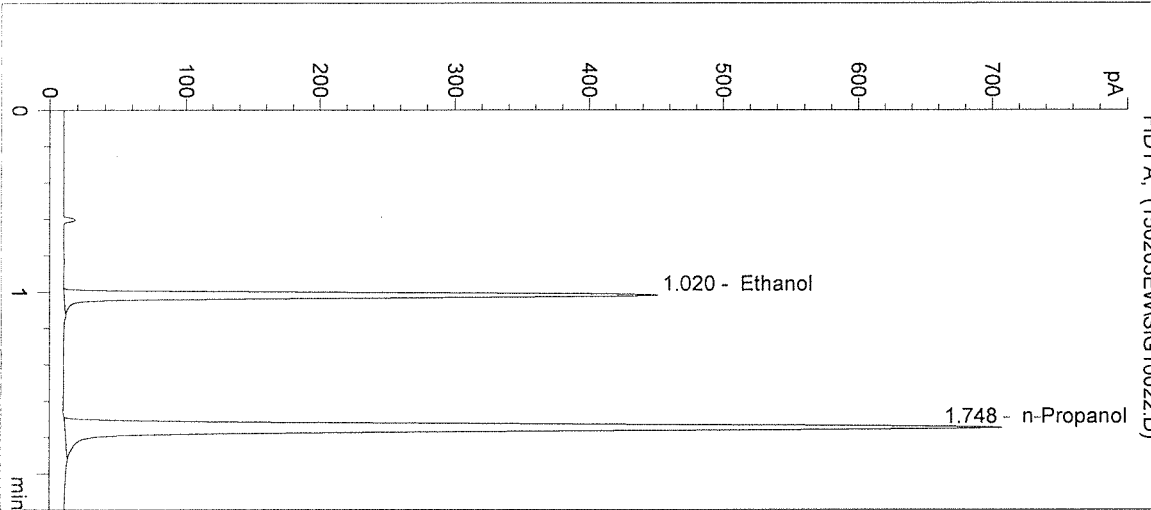
EW

EW

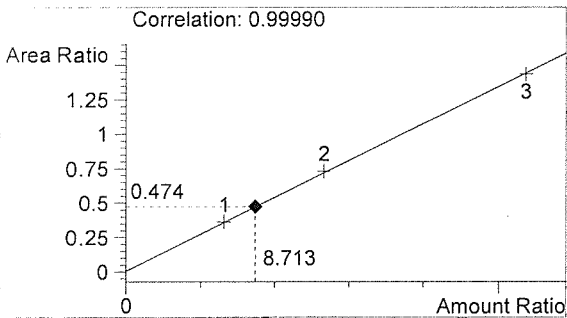
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 2/3/2015 5:32:16 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: POS CTRL: 0.10 g/100mL
15010

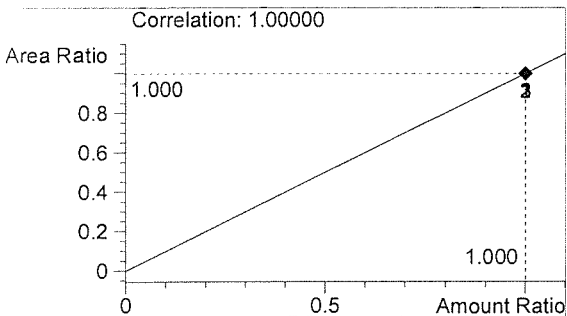
Sample Name: POS CTRL (0.10)
Operator: Elizabeth Wehner
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	881	1.020
2	n-Propanol	1859	1.748



Ethanol 0.105 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 5:35:29 PM

Sample Name: NEG CTRL

Instrument: HSGC#3

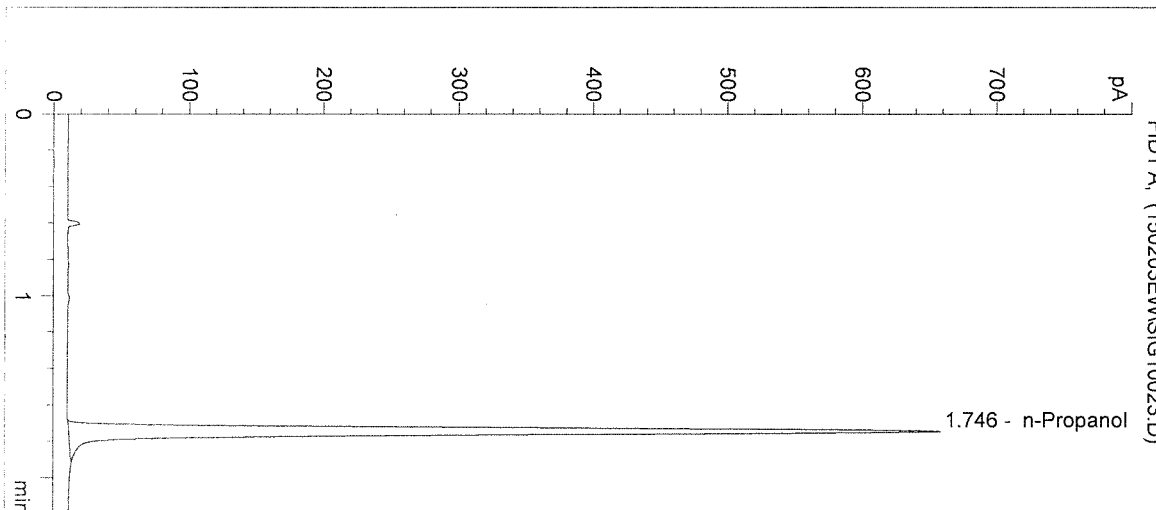
Operator: Elizabeth Wehner

Column: DB-ALC2

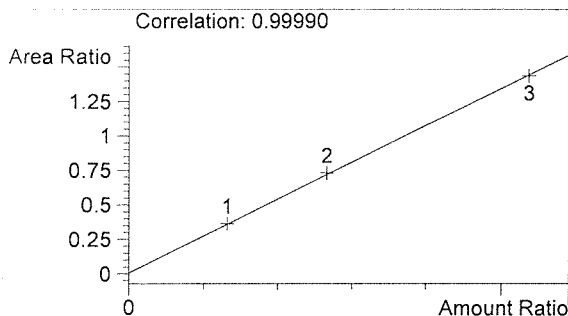
Location: Vial 23

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

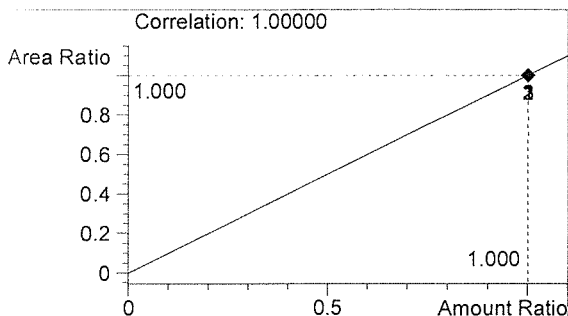
Sample Info: 15010



#	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

EW

EW

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		

15010
 for 2/19/15

for
AC

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!

~~15000~~

15010

Jan 21, 2015

fr

bc

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

Inj. Date: 2/9/2015 2:04:39 PM

Sample Name: 15010 #1

Instrument: HSGC#3

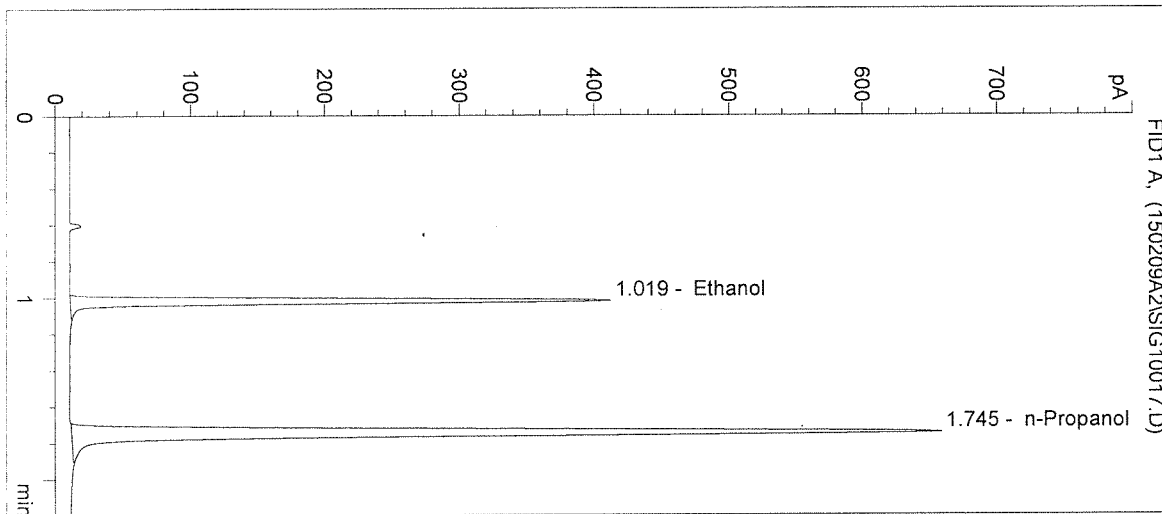
Operator: Amanda Chandler

Column: DB-ALC2

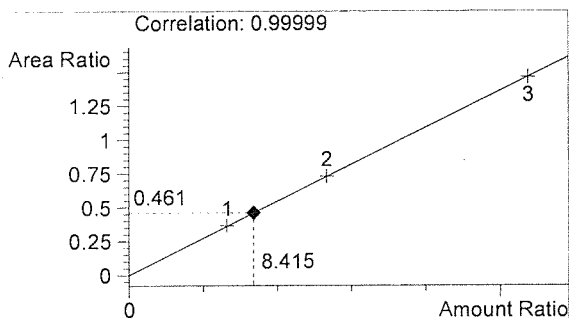
Location: Vial 17

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

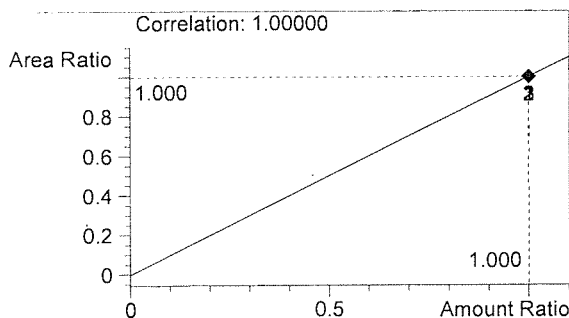
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	793	1.019
2	n-Propanol	1720	1.745



Ethanol 0.101 g/100mL



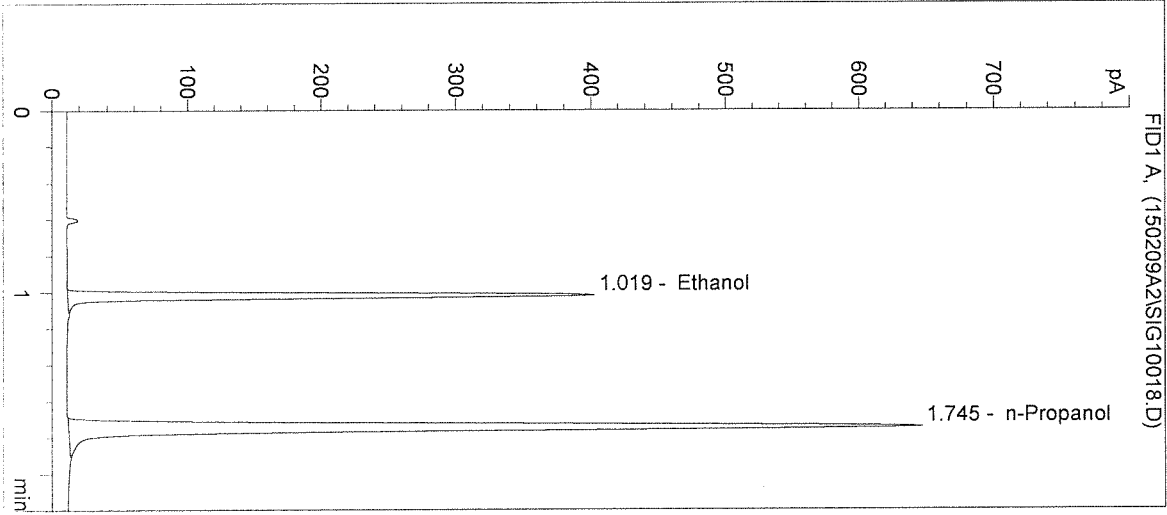
n-Propanol 0.012 g/100mL

fr

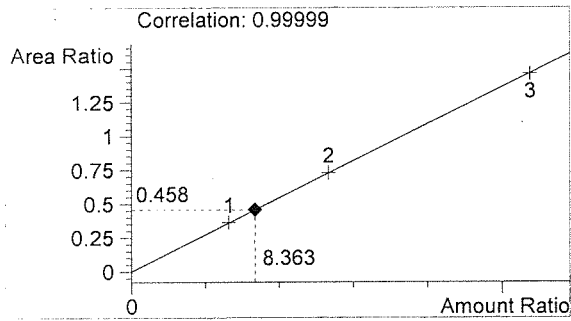
AC

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

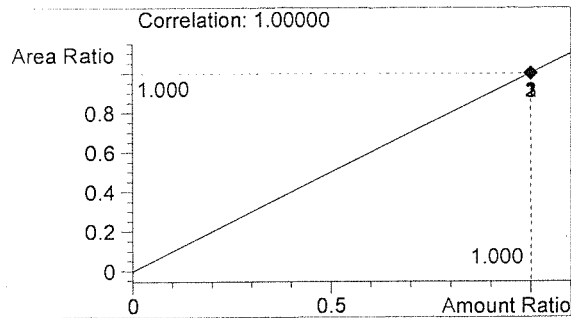
Inj. Date: 2/9/2015 2:07:52 PM Sample Name: 15010 #2
Instrument: HSGC#3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 18
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	775	1.019
2	n-Propanol	1692	1.745



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

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Handwritten initials

Inj. Date: 2/9/2015 2:11:05 PM

Sample Name: 15010 #3

Instrument: HSGC#3

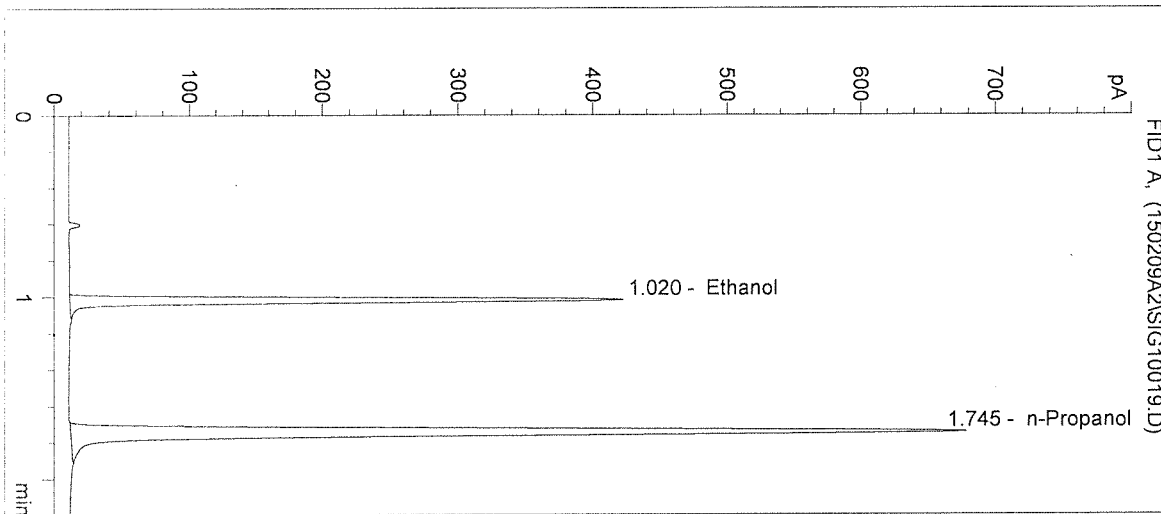
Operator: Amanda Chandler

Column: DB-ALC2

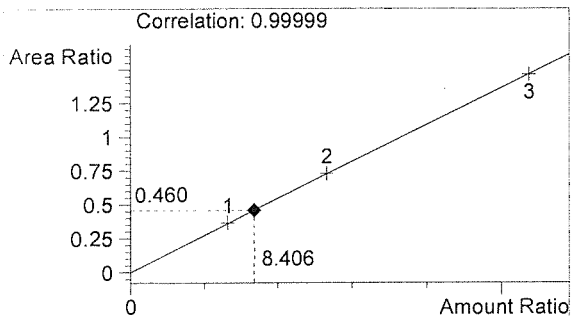
Location: Vial 19

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

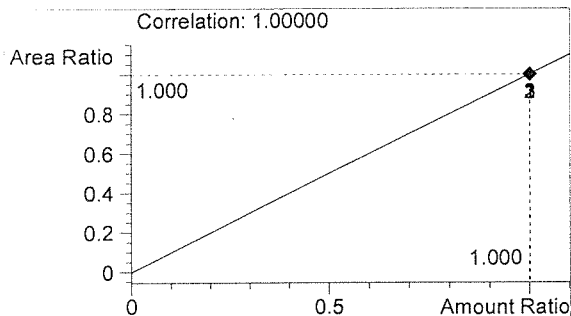
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	815	1.020
2	n-Propanol	1770	1.745



Ethanol 0.101 g/100mL



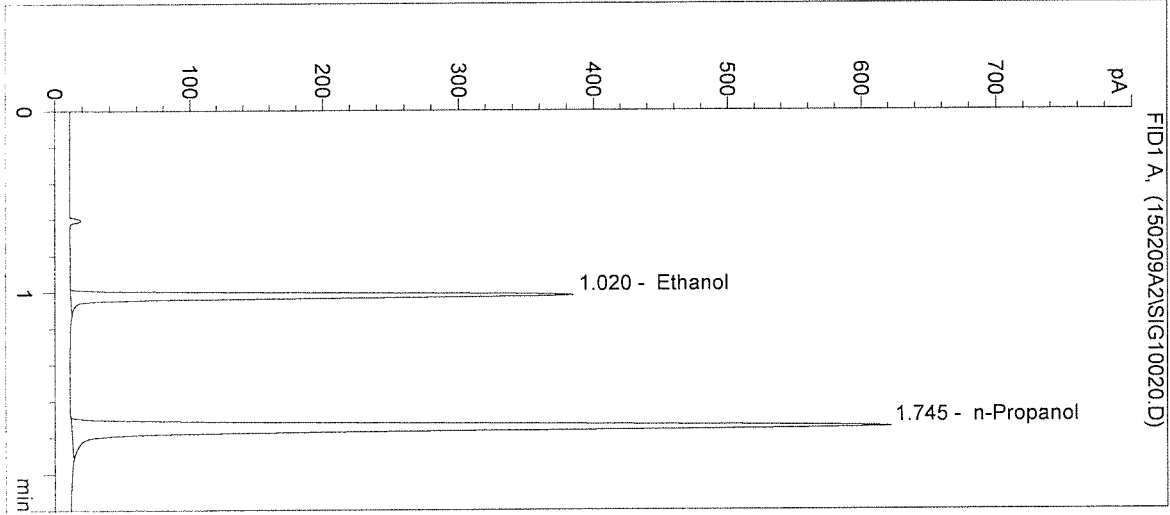
n-Propanol 0.012 g/100mL

sh

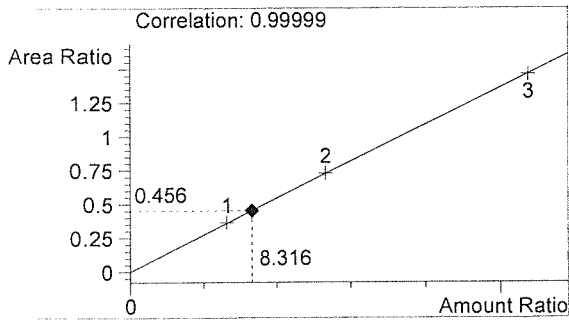
ac

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

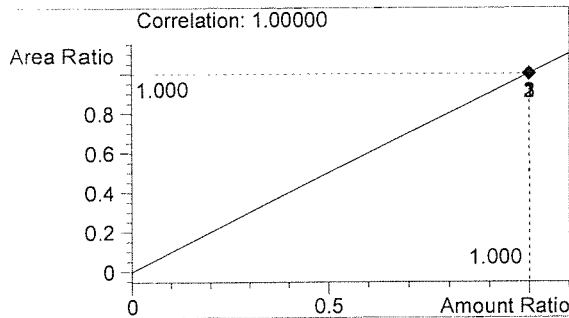
Inj. Date: 2/9/2015 2:14:19 PM Sample Name: 15010 #4
 Instrument: HSGC#3 Operator: Amanda Chandler
 Column: DB-ALC2 Location: Vial 20
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	740	1.020
2	n-Propanol	1624	1.745



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten initials 'ac'

Inj. Date: 2/9/2015 2:17:32 PM

Sample Name: 15010 #5

Instrument: HSGC#3

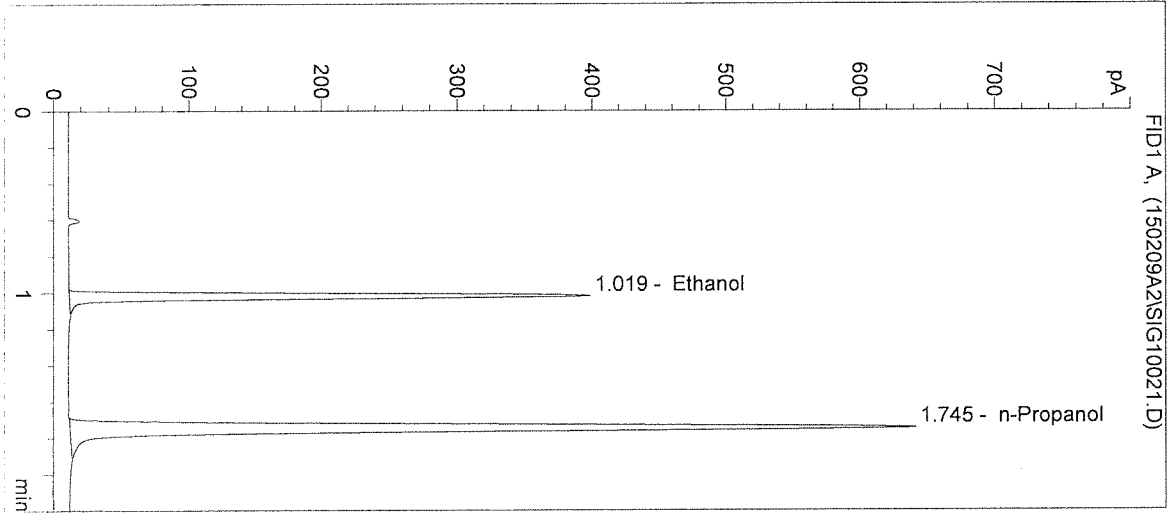
Operator: Amanda Chandler

Column: DB-ALC2

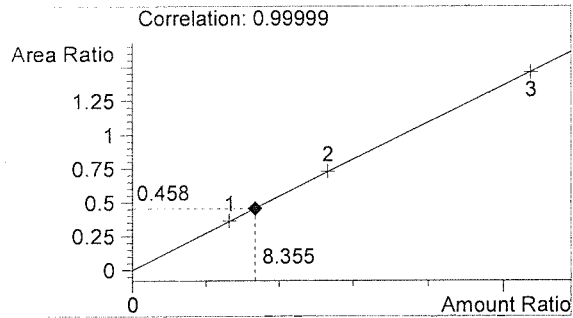
Location: Vial 21

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

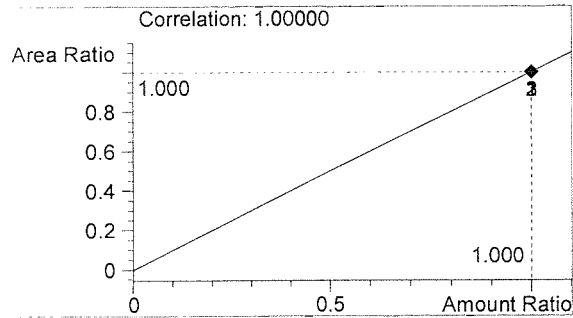
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	769	1.019
2	n-Propanol	1680	1.745



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten initials

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

Inj. Date: 2/9/2015 2:20:46 PM

Sample Name: POS CTRL (0.10)

Instrument: HSGC#3

Operator: Amanda Chandler

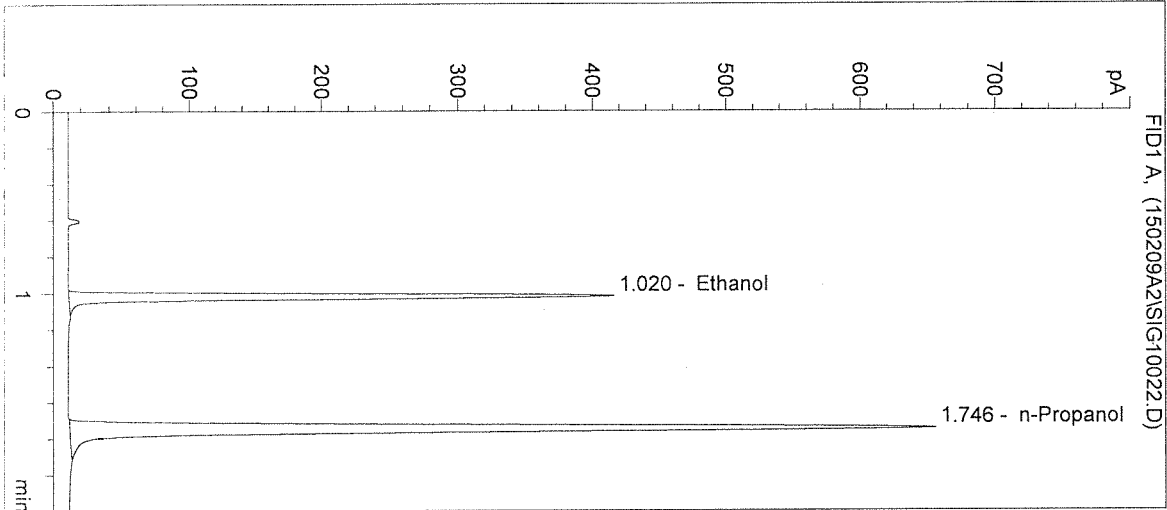
Column: DB-ALC2

Location: Vial 22

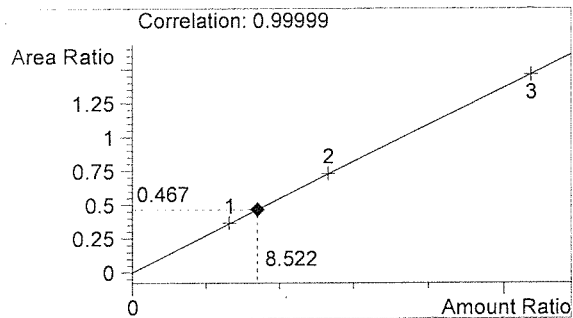
Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Info: POS CTRL: 0.10 g/100mL
 15010

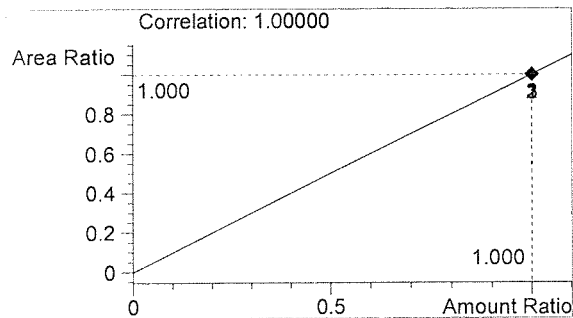
- >



#	Compound	Peak Area	RT (min)
1	Ethanol	800	1.020
2	n-Propanol	1714	1.746



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

fm

hc

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

Inj. Date: 2/9/2015 2:23:59 PM

Sample Name: NEG CTRL

Instrument: HSGC#3

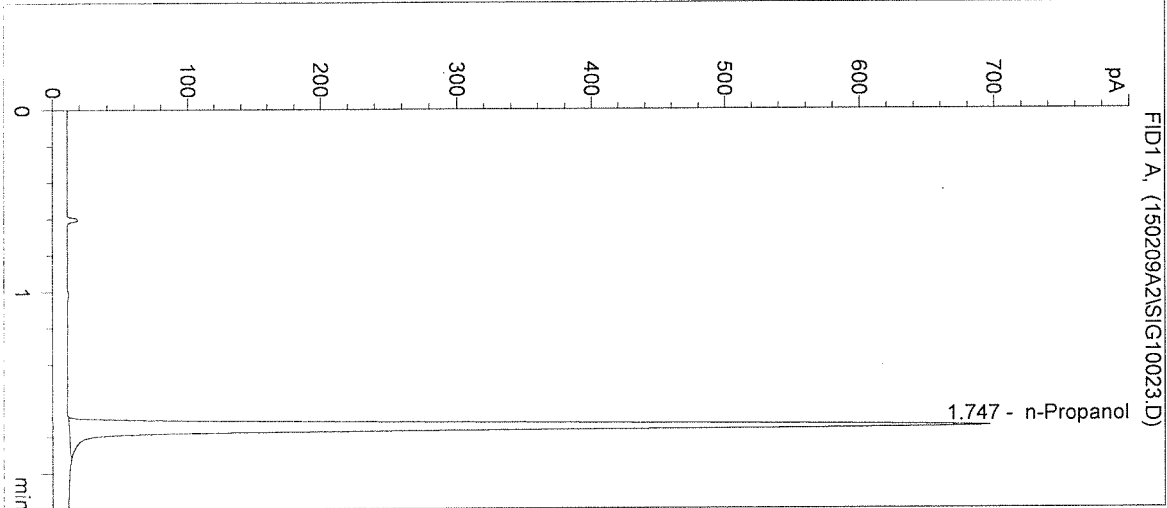
Operator: Amanda Chandler

Column: DB-ALC2

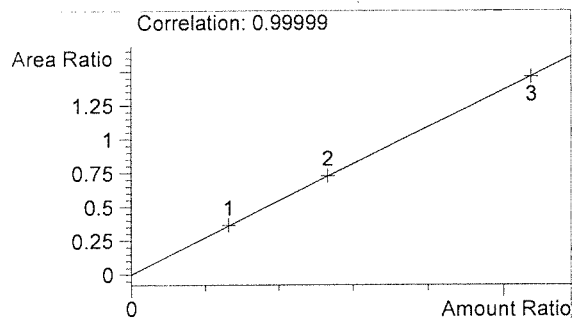
Location: Vial 23

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

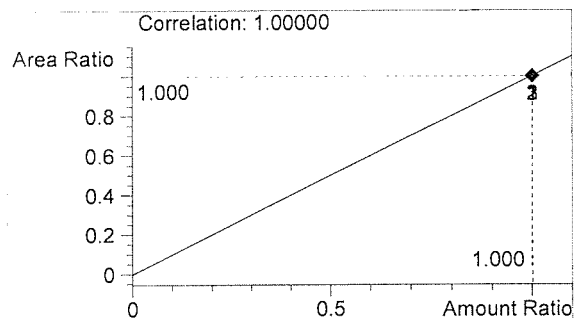
Sample Info: 15010



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1827	1.747



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

fr

ac