



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 17004

CUSTOMER INFORMATION

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

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

TESTING ITEM INFORMATION

TARGET VAPOR CONCENTRATION: 0.20 g/210L
DATE PREPARED: 01/06/2017
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Christie Mitchell-Mata

	CM	AG	LK
1	0.248	0.251	0.250
2	0.248	0.250	0.251
3	0.249	0.249	0.253
4	0.250	0.248	0.251
5	0.251	0.252	0.249
C	0.101	0.103	0.103

ETHANOL CONTROL INFORMATION

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

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.2500 g/100mL PRECISION CV (%): 0.60
STANDARD DEVIATION: 0.00151 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: 0.2033 g/210L
EXPANDED UNCERTAINTY: ± 0.0050 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Brianne E. O'Reilly

Brianne E. O'Reilly Technical Lead

2-1-2017

DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
CM	Christie Mitchell-Mata	<i>Christie Mitchell-Mata</i>	01/06/2017
AG	Andrew Gingras	<i>Andrew Gingras</i>	01/09/2017
LK	Lyndsey Knoy	<i>Lyndsey Knoy</i>	01/10/2017

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


SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 2-3-17

Location: WSP-FLSB Seattle, WA Solution Batch Number: 17004

	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: 2-3-17

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

QAP Solution Batch #: 17004

Date Prepared: 1/6/2017

Analyst:	CM	AG	LK
Date Tested:	1/6/2017	1/9/2017	1/10/2017
Instrument:	HSGC 3	HSGC 1	HSGC 1
1	0.248	0.251	0.250
2	0.248	0.250	0.251
3	0.249	0.249	0.253
4	0.250	0.248	0.251
5	0.251	0.252	0.249
C	0.101	0.103	0.103

CV ² _{COA}	CV ² _{QAP Solution}	CV ² _{Control}	CV ² _{Part Coef}
0.0000084100	0.0000024381	0.0000424408	0.0001016326

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

Average Solution Concentration: 0.2500 g/100mL
Standard Deviation: 0.00151 g/100mL
Precision CV (%): 0.60
Equivalent Vapor Concentration: 0.2033 g/210L
Combined Standard Uncertainty (±): 0.0025 g/210L
Expanded Uncertainty (±): 0.0050 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Brianne E. O'Reilly Brianne O'Reilly 1.26.17
Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 2.3.17
Name Signature Date

Method: Hand calculation

Tech. review performed by: Brianne E. O'Reilly Brianne O'Reilly 1.26.17
Name Signature Date

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	<i>AG</i>	1/26/2017
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata	<i>CM</i>	2/1/17
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy		
Katie Harris		
Lyndsey Knoy	<i>LN</i>	1.31.17
Naziha Nuwayhid		
Rebecca Flaherty		

17004

Batch #

PCUO 1-26-17

JAY INSLEE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

**0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17004**

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

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

I possess the following qualifications: BA degree in Chemistry, MFS degree in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 17004, was prepared in the Washington State Toxicology Laboratory on 1/6/2017. 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 1/6/2018.

Seattle, WA

Handwritten signature of Christie Mitchell-Mata, dated 2/1/17.

Christie Mitchell-Mata
Forensic Toxicologist

Date



JAY INSLEE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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**0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17004**

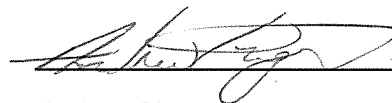
I, Andrew Gingras, do certify under penalty of perjury that:

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 Cell and Molecular Biology and MS degree in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 17004, was prepared in the Washington State Toxicology Laboratory on 1/6/2017. 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 1/6/2018.

Seattle, WA

 1/26/2017

Andrew Gingras

Date

Forensic Scientist



JAY INSLEE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

**0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17004**

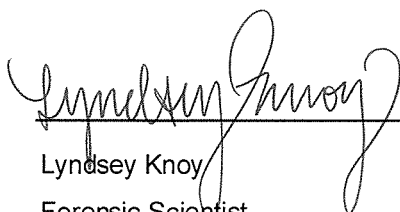
I, Lyndsey Knoy, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Chemistry.

The quality assurance procedure (QAP) solution, Lot Number 17004, was prepared in the Washington State Toxicology Laboratory on 1/6/2017. 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 1/6/2018.

Seattle, WA


Lyndsey Knoy
Forensic Scientist

1-31-17
Date

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

Preparation Date: 1/6/2017 Expiration Date: 1/6/2018 Initials of Preparer: CM

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

Date the 200-proof Ethanol bottle was opened: 12/20/16 NN

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>17001</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>17002</u>
QAP 0.10	28.1	18	<input type="checkbox"/>	<u>X 1/6/17</u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>17003</u>
QAP 0.20	56.1	18	<input checked="" type="checkbox"/>	<u>17004</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

1/6/2017
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:

Christina Mitchell
Analyst Signature

1/6/2017 17004
Date

Sequence Parameters:

Operator: Christie Mitchell-Mata
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\2\DATA\
 Data Subdirectory: 170106CM
 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: E0916-01 - X: 03/15/17
 CAL 2: 0.158 g/100mL - Lot: E0916-02 - X: 03/15/17
 CAL 3: 0.316 g/100mL - Lot: E0916-03 - X: 03/15/17

 CTRL 1: 0.04 g/100mL - Lot: FN12181501 - X: 12/2020
 CTRL 2: 0.10 g/100mL - Lot: FN08051301 - X: 10/2018
 CTRL 3: 0.20 g/100mL - Lot: FN08101505 - X: 02/2021

 n-Propanol ISTD - Lot: P1116 - X: 02/23/17

 Calibration vials 1-9 filed with 17001

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	17001 #1	SIMALC3	1	Sample		
11	Vial 11	17001 #2	SIMALC3	1	Sample		
12	Vial 12	17001 #3	SIMALC3	1	Sample		
13	Vial 13	17001 #4	SIMALC3	1	Sample		
14	Vial 14	17001 #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	17002 #1	SIMALC3	1	Sample		
18	Vial 18	17002 #2	SIMALC3	1	Sample		
19	Vial 19	17002 #3	SIMALC3	1	Sample		
20	Vial 20	17002 #4	SIMALC3	1	Sample		
21	Vial 21	17002 #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	17003 #1	SIMALC3	1	Sample		

17004
 PLU 1-26-17

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	17003 #2	SIMALC3	1	Sample		
26	Vial 26	17003 #3	SIMALC3	1	Sample		
27	Vial 27	17003 #4	SIMALC3	1	Sample		
28	Vial 28	17003 #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	17004 #1	SIMALC3	1	Sample		
32	Vial 32	17004 #2	SIMALC3	1	Sample		
33	Vial 33	17004 #3	SIMALC3	1	Sample		
34	Vial 34	17004 #4	SIMALC3	1	Sample		
35	Vial 35	17004 #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	17005 #1	SIMALC3	1	Sample		
39	Vial 39	17005 #2	SIMALC3	1	Sample		
40	Vial 40	17005 #3	SIMALC3	1	Sample		
41	Vial 41	17005 #4	SIMALC3	1	Sample		
42	Vial 42	17005 #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!

17004
PACO 1-26-17

CM

PACO 1-26-17
~~XXXXXXXXXX~~

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

Inj. Date: 1/6/2017 11:49:58 AM

Sample Name: 17004 #1

Instrument: HSGC#3

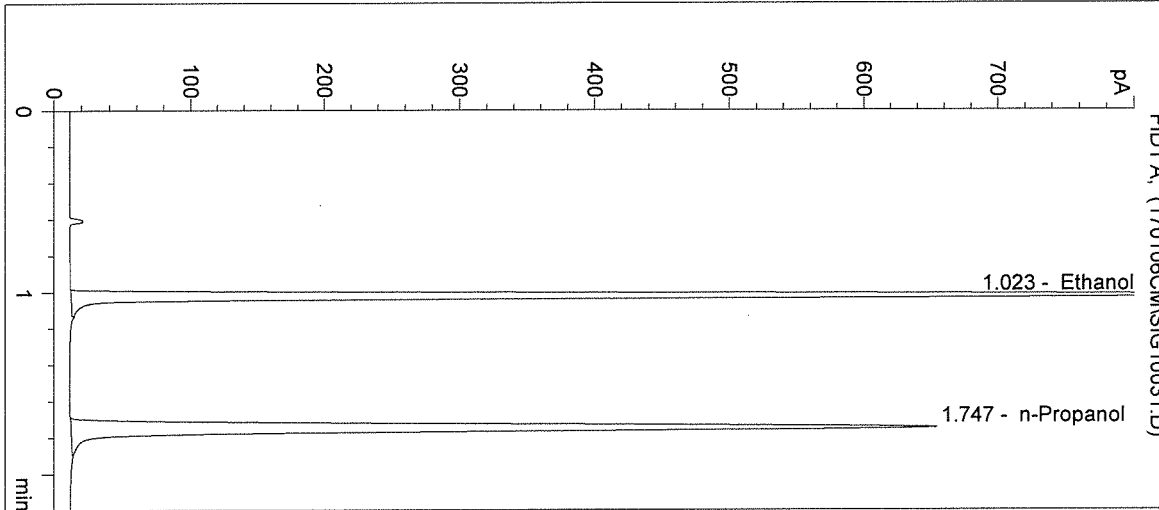
Operator: Christie Mitchell-Mata

Column: DB-ALC2

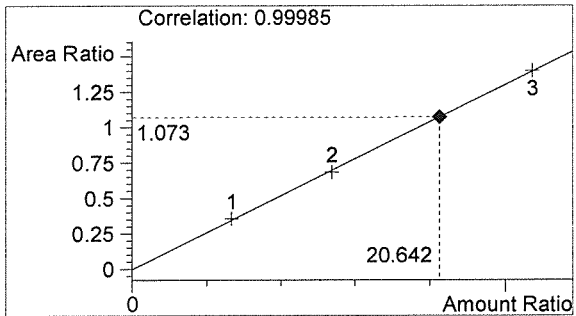
Location: Vial 31

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

Sample Info:

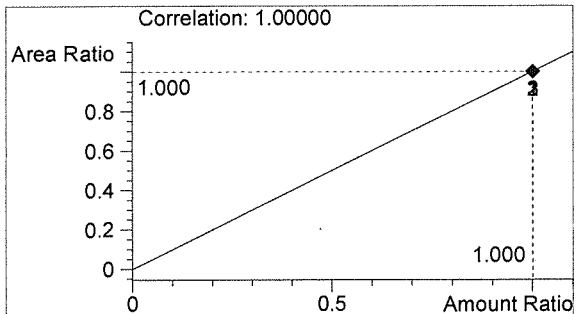


#	Compound	Peak Area	RT (min)
1	Ethanol	1846	1.023
2	n-Propanol	1720	1.747



Ethanol 0.248 g/100mL

PLW



n-Propanol 0.012 g/100mL

CM

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

Inj. Date: 1/6/2017 11:53:12 AM

Sample Name: 17004 #2

Instrument: HSGC#3

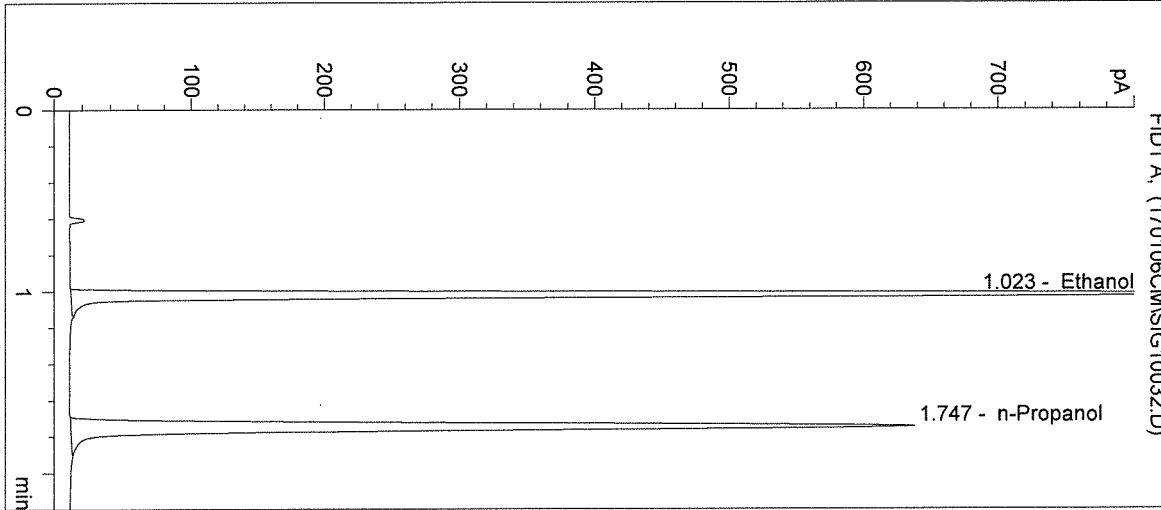
Operator: Christie Mitchell-Mata

Column: DB-ALC2

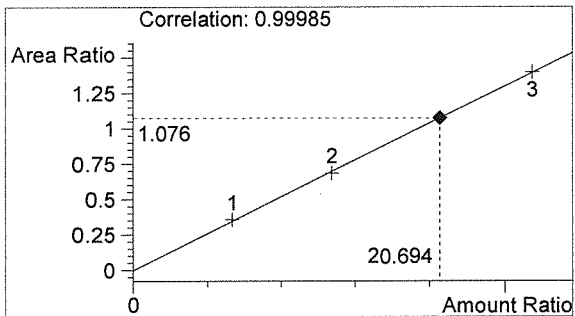
Location: Vial 32

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

Sample Info:

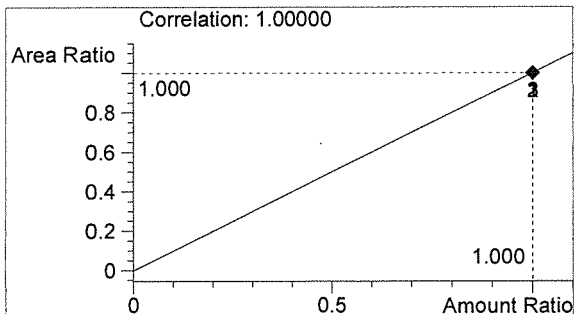


#	Compound	Peak Area	RT (min)
1	Ethanol	1808	1.023
2	n-Propanol	1681	1.747



Ethanol 0.248 g/100mL

BW



n-Propanol 0.012 g/100mL

CM

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

Inj. Date: 1/6/2017 11:56:25 AM

Sample Name: 17004 #3

Instrument: HSGC#3

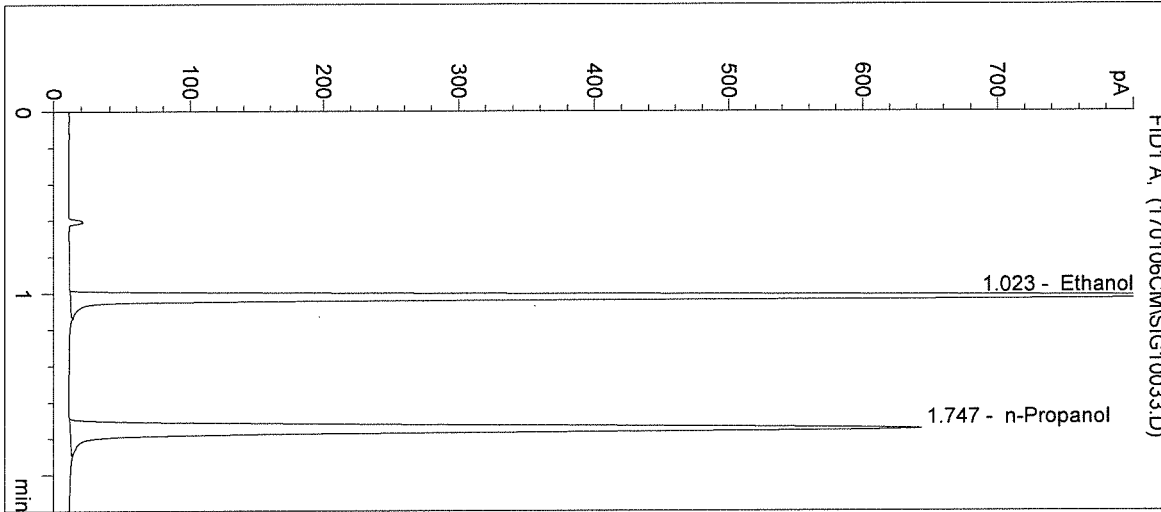
Operator: Christie Mitchell-Mata

Column: DB-ALC2

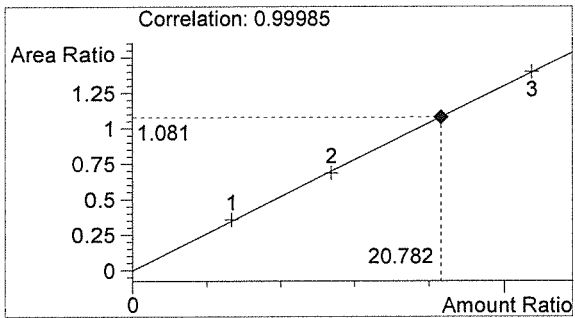
Location: Vial 33

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

Sample Info:

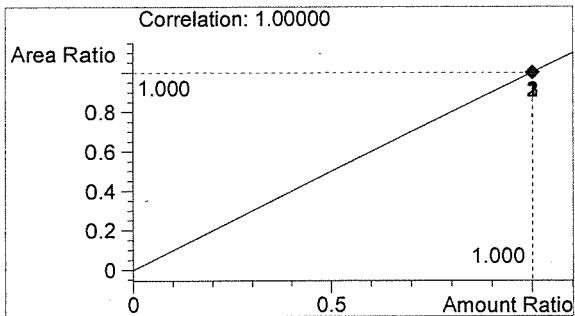


#	Compound	Peak Area	RT (min)
1	Ethanol	1835	1.023
2	n-Propanol	1698	1.747



Ethanol 0.249 g/100mL

BLW



n-Propanol 0.012 g/100mL

CM

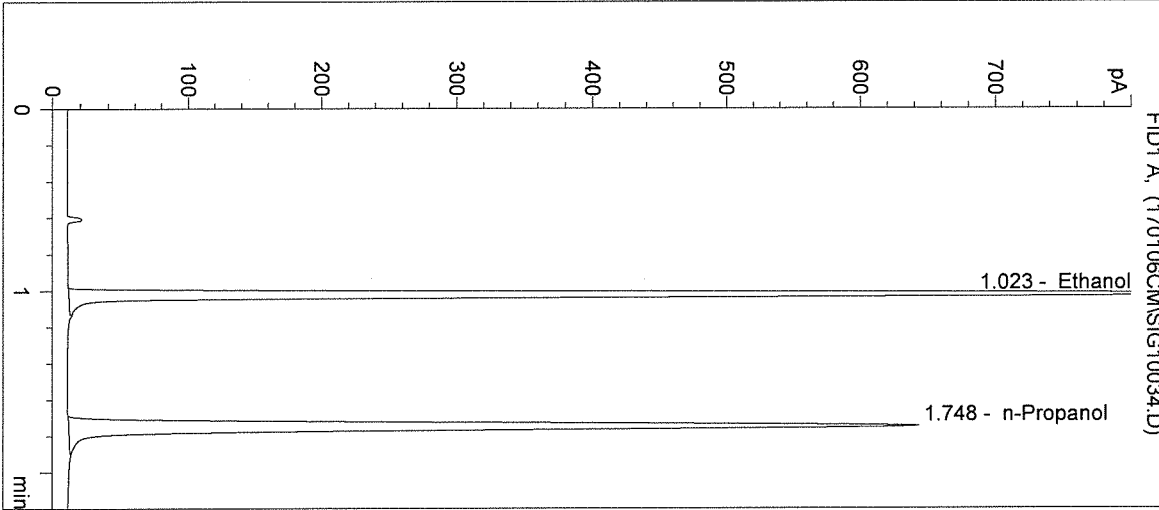
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2017 11:59:36 AM
 Instrument: HSGC#3
 Column: DB-ALC2

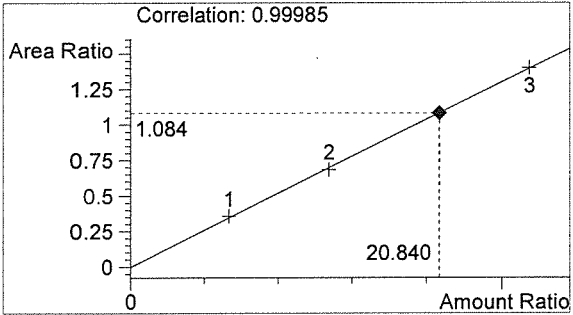
Sample Name: 17004 #4
 Operator: Christie Mitchell-Mata
 Location: Vial 34

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

Sample Info:

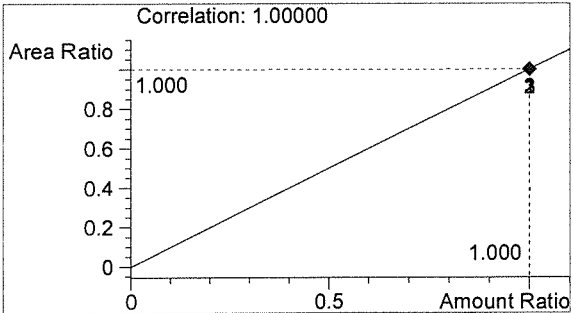


#	Compound	Peak Area	RT (min)
1	Ethanol	1842	1.023
2	n-Propanol	1700	1.748



Ethanol 0.250 g/100mL

PW



n-Propanol 0.012 g/100mL

CM

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

Inj. Date: 1/6/2017 12:02:49 PM

Sample Name: 17004 #5

Instrument: HSGC#3

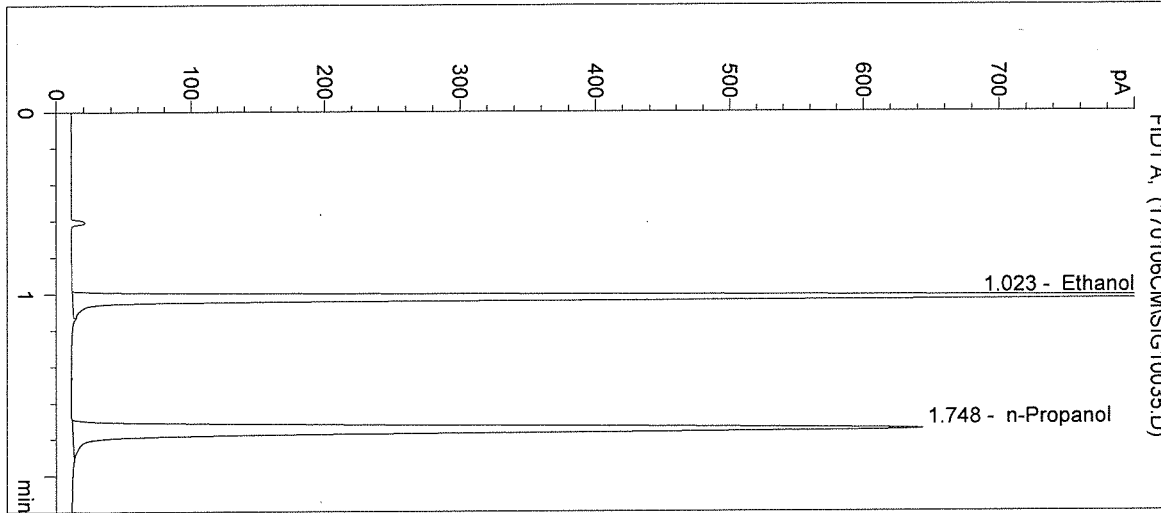
Operator: Christie Mitchell-Mata

Column: DB-ALC2

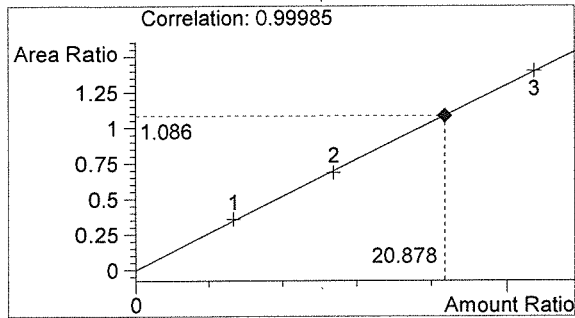
Location: Vial 35

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

Sample Info:

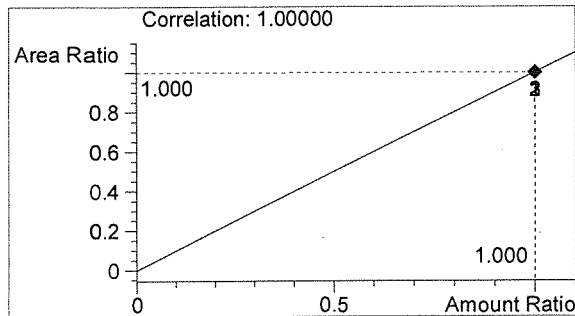


#	Compound	Peak Area	RT (min)
1	Ethanol	1835	1.023
2	n-Propanol	1691	1.748



Ethanol 0.251 g/100mL

ALCO

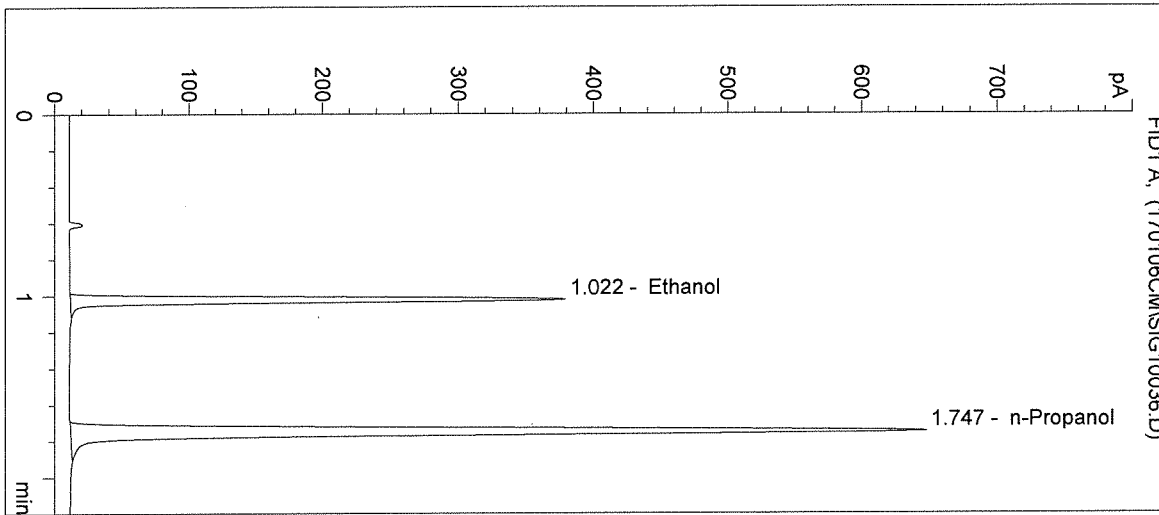


n-Propanol 0.012 g/100mL

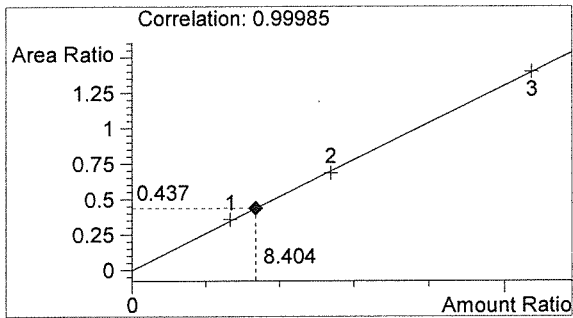
CM

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

Inj. Date: 1/6/2017 12:06:02 PM Sample Name: POS CTRL (0.10)
Instrument: HSGC#3 Operator: Christie Mitchell-Mata
Column: DB-ALC2 Location: Vial 36
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 17004

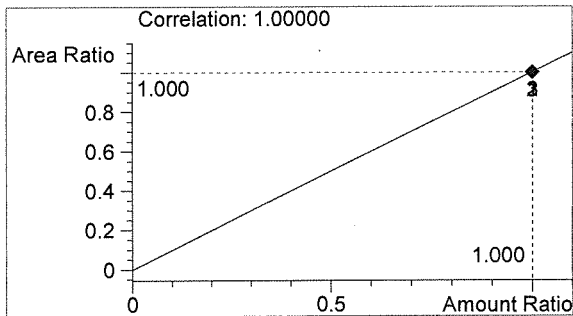


#	Compound	Peak Area	RT (min)
1	Ethanol	745	1.022
2	n-Propanol	1705	1.747



Ethanol 0.101 g/100mL

AKW



n-Propanol 0.012 g/100mL

AM

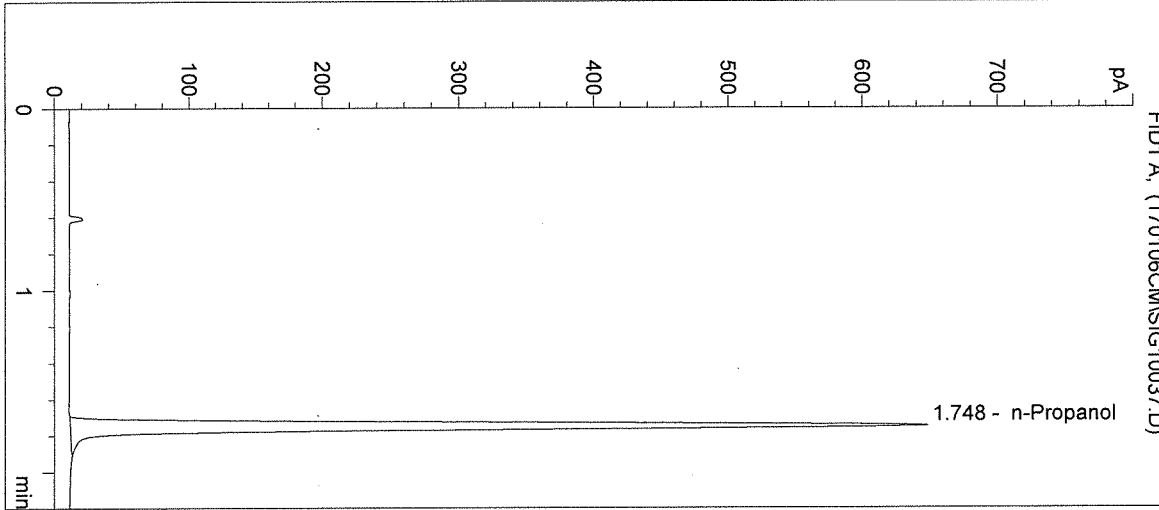
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2017 12:09:14 PM
Instrument: HSGC#3

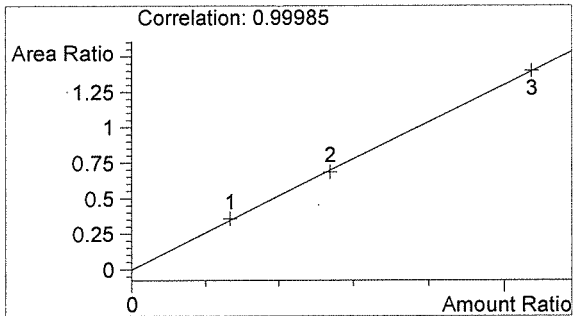
Sample Name: NEG CTRL
Operator: Christie Mitchell-Mata
Location: Vial 37

Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Info: 17004

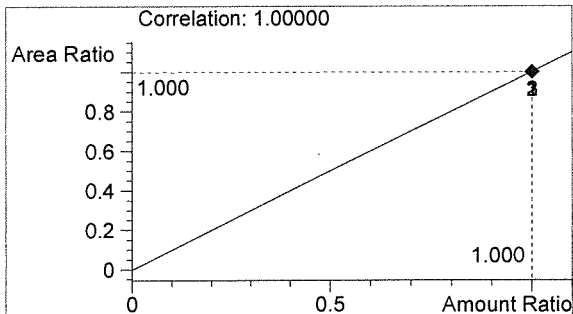


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1710	1.748



Ethanol 0.000 g/100mL

AW



n-Propanol 0.012 g/100mL

AW

Sequence Parameters:

Operator: Andrew Gingras
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\1\DATA\
 Data Subdirectory: 170109AG
 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# E0916-01 - EXP 3/15/2017
 CAL 2 (0.158g/100mL) - LOT# E0916-02 - EXP 3/15/2017
 CAL 3 (0.316g/100mL) - LOT# E0916-03 - EXP 3/15/2017

n-Propanol ISTD - LOT# P1116 - 2/23/2017
 CTRL 1 (0.04g/100mL) - LOT# FN12181501 - EXP 12/2020
 CTRL 2 (0.10g/100mL) - LOT# FN08051301 - EXP 10/2018
 CTRL 3 (0.20g/100mL) - LOT# FN08101505 - EXP 2/2021

Calibrators and controls filed with 17001
 Dilutor #1

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	QAP 17001 #1	SIMALC1	1	Sample		
11	Vial 11	QAP 17001 #2	SIMALC1	1	Sample		
12	Vial 12	QAP 17001 #3	SIMALC1	1	Sample		
13	Vial 13	QAP 17001 #4	SIMALC1	1	Sample		
14	Vial 14	QAP 17001 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	QAP 17002 #1	SIMALC1	1	Sample		
18	Vial 18	QAP 17002 #2	SIMALC1	1	Sample		
19	Vial 19	QAP 17002 #3	SIMALC1	1	Sample		
20	Vial 20	QAP 17002 #4	SIMALC1	1	Sample		
21	Vial 21	QAP 17002 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	QAP 17003 #1	SIMALC1	1	Sample		

17004
 BWO 1.26.17

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	QAP 17003 #2	SIMALC1	1	Sample		
26	Vial 26	QAP 17003 #3	SIMALC1	1	Sample		
27	Vial 27	QAP 17003 #4	SIMALC1	1	Sample		
28	Vial 28	QAP 17003 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	QAP 17004 #1	SIMALC1	1	Sample		
32	Vial 32	QAP 17004 #2	SIMALC1	1	Sample		
33	Vial 33	QAP 17004 #3	SIMALC1	1	Sample		
34	Vial 34	QAP 17004 #4	SIMALC1	1	Sample		
35	Vial 35	QAP 17004 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp		
38	Vial 38	QAP 17005 #1	SIMALC1	1	Sample		
39	Vial 39	QAP 17005 #2	SIMALC1	1	Sample		
40	Vial 40	QAP 17005 #3	SIMALC1	1	Sample		
41	Vial 41	QAP 17005 #4	SIMALC1	1	Sample		
42	Vial 42	QAP 17005 #5	SIMALC1	1	Sample		
43	Vial 43	0.10 CTRL	SIMALC1	1	Ctrl Samp		
44	Vial 44	NEG CTRL	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace		Replace		
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace		Replace		
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace		Replace		

Sequence Table (Back Injector):

No entries - empty table!

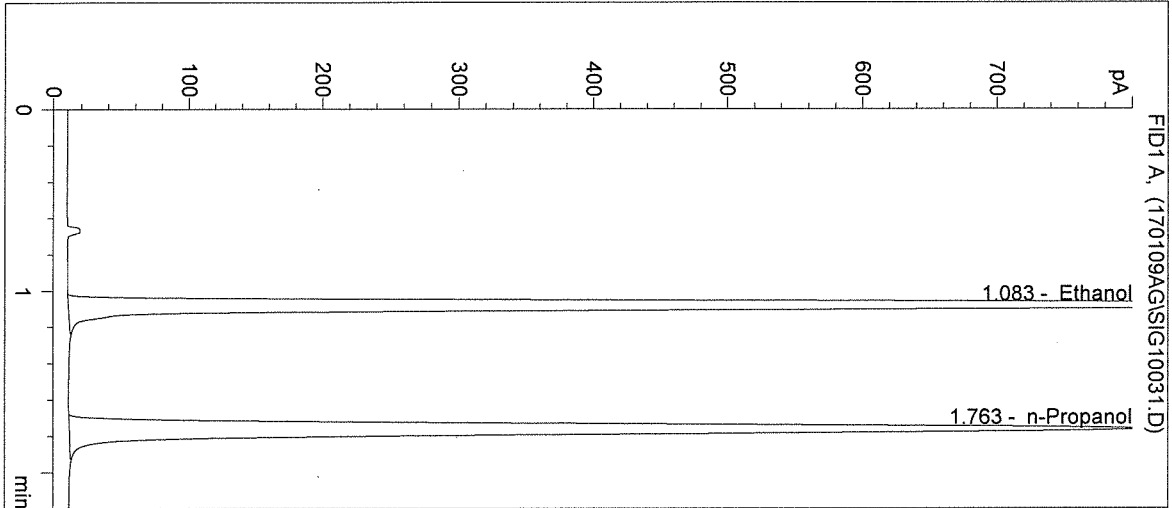
17004
 PLW 1.26.17

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

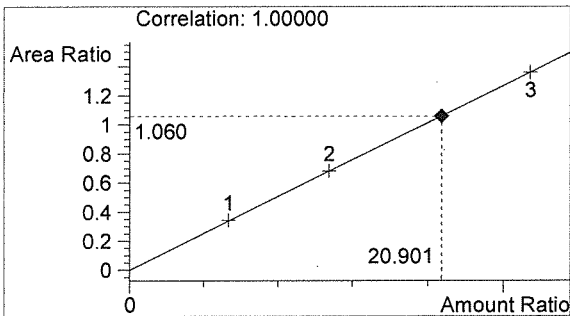
Inj. Date: 1/9/2017 4:41:39 PM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: QAP 17004 #1
 Operator: Andrew Gingras
 Location: Vial 31

Sample Info:

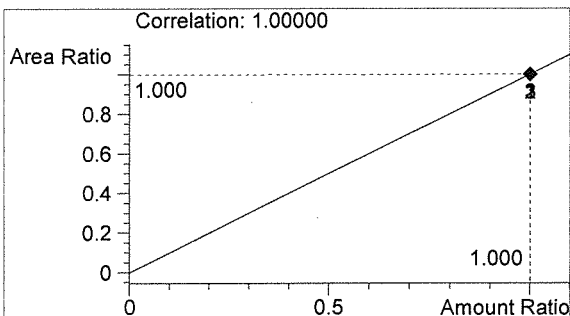


#	Compound	Peak Area	RT (min)
1	Ethanol	3157	1.083
2	n-Propanol	2978	1.763



Ethanol 0.251 g/100mL

AWD



n-Propanol 0.012 g/100mL

AG

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

Inj. Date: 1/9/2017 4:44:53 PM

Sample Name: QAP 17004 #2

Instrument: HSGC#1

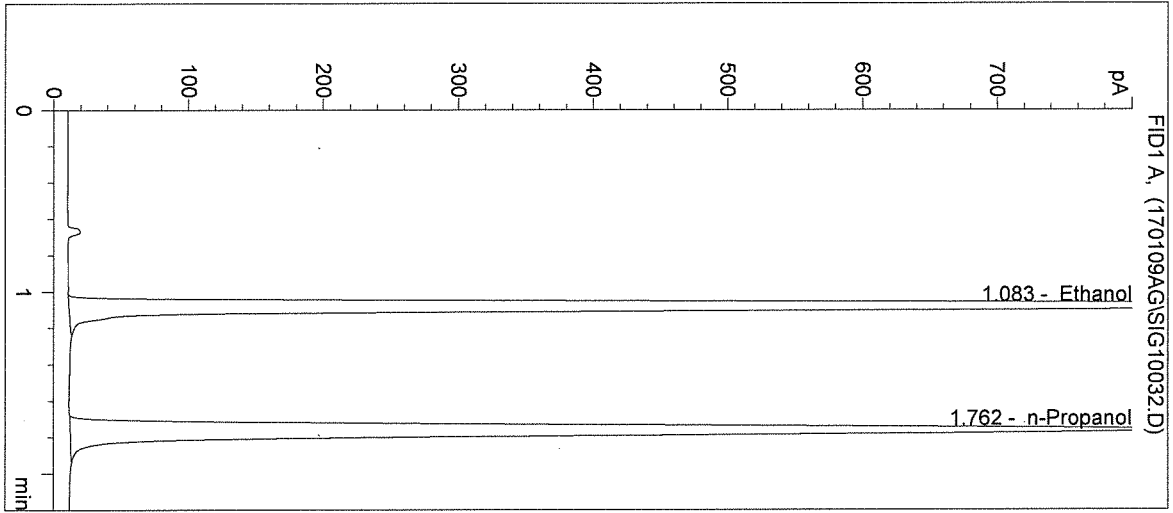
Operator: Andrew Gingras

Column: DB-ALC1

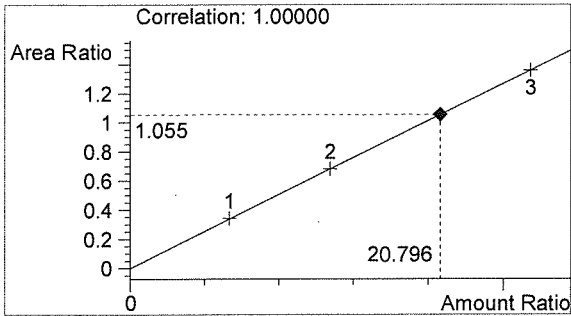
Location: Vial 32

Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info:

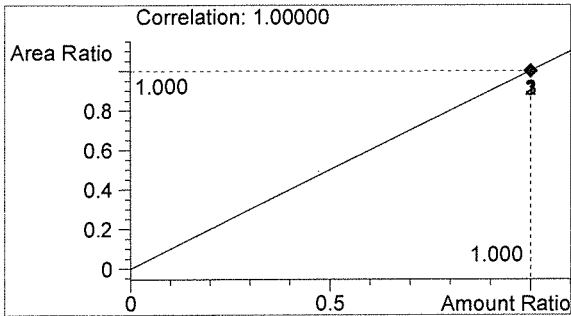


#	Compound	Peak Area	RT (min)
1	Ethanol	3254	1.083
2	n-Propanol	3085	1.762



Ethanol 0.250 g/100mL

AW



n-Propanol 0.012 g/100mL

AG

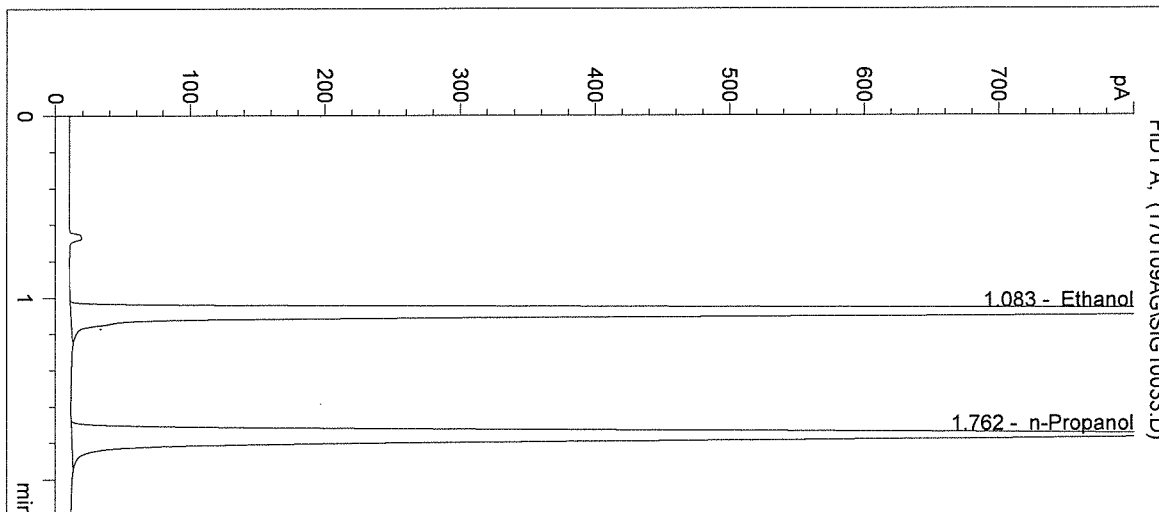
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/9/2017 4:48:06 PM
 Instrument: HSGC#1
 Column: DB-ALC1

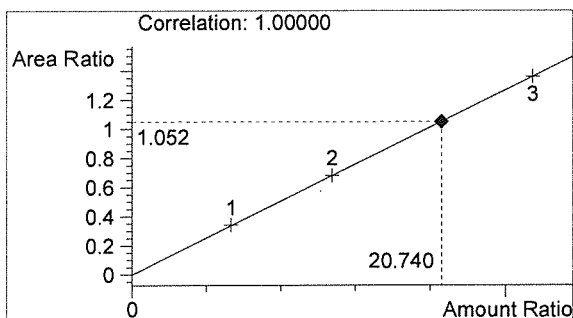
Sample Name: QAP 17004 #3
 Operator: Andrew Gingras
 Location: Vial 33

Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info:

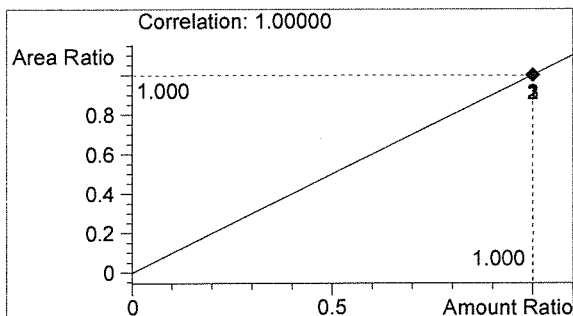


#	Compound	Peak Area	RT (min)
1	Ethanol	3421	1.083
2	n-Propanol	3252	1.762



Ethanol 0.249 g/100mL

AWD



n-Propanol 0.012 g/100mL

AG

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

Inj. Date: 1/9/2017 4:51:19 PM

Sample Name: QAP 17004 #4

Instrument: HSGC#1

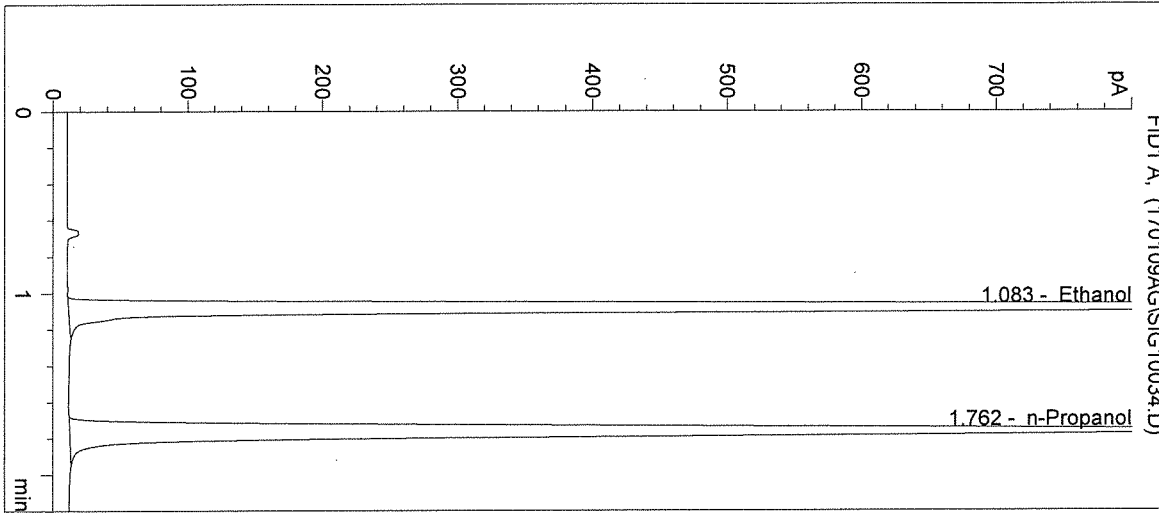
Operator: Andrew Gingras

Column: DB-ALC1

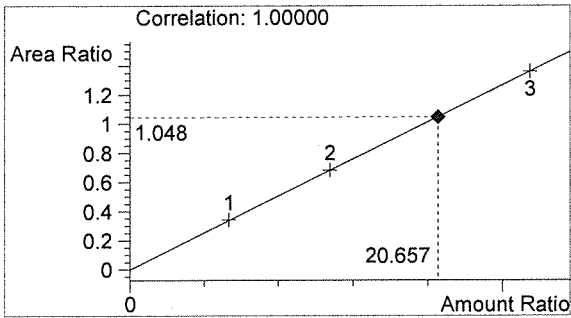
Location: Vial 34

Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info:

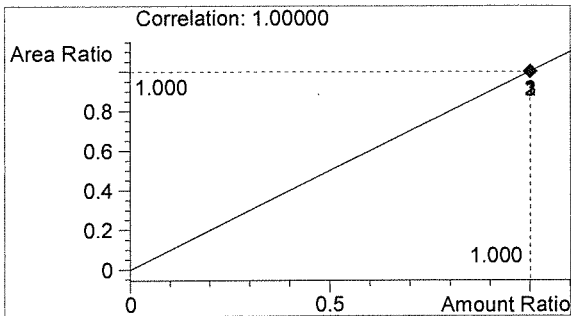


#	Compound	Peak Area	RT (min)
1	Ethanol	3495	1.083
2	n-Propanol	3335	1.762



Ethanol 0.248 g/100mL

AW



n-Propanol 0.012 g/100mL

AG

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

Inj. Date: 1/9/2017 4:54:33 PM

Sample Name: QAP 17004 #5

Instrument: HSGC#1

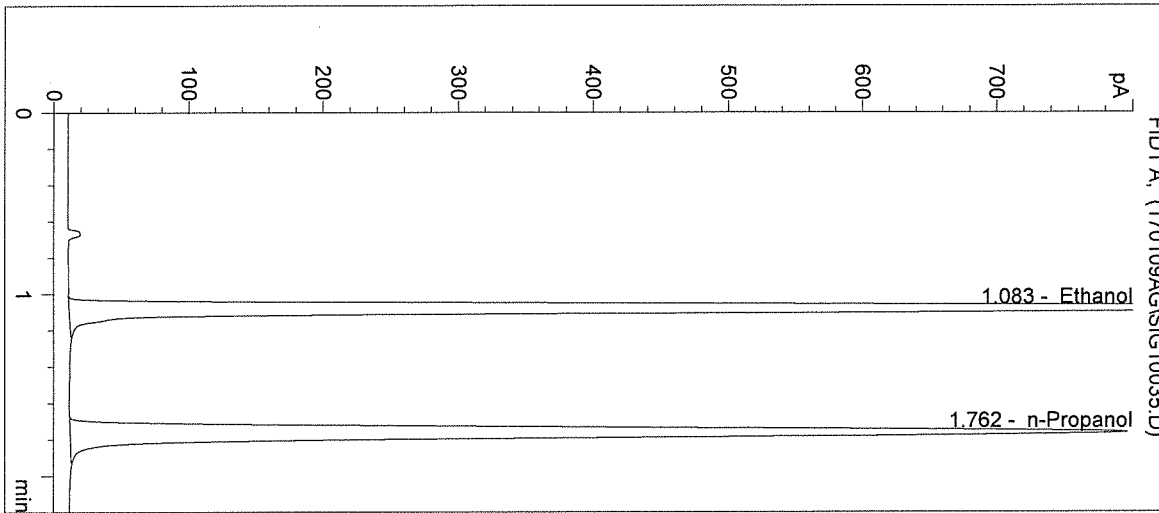
Operator: Andrew Gingras

Column: DB-ALC1

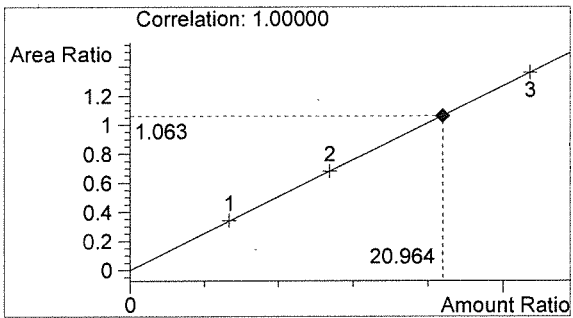
Location: Vial 35

Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info:

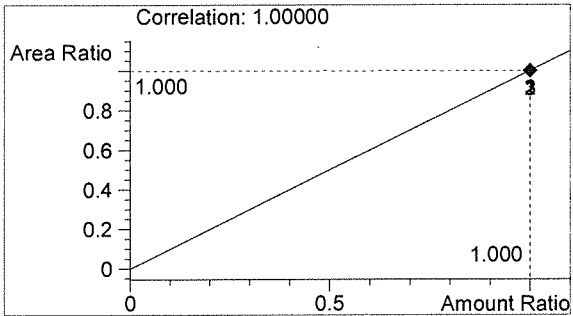


#	Compound	Peak Area	RT (min)
1	Ethanol	3120	1.083
2	n-Propanol	2934	1.762



Ethanol 0.252 g/100mL

AW



n-Propanol 0.012 g/100mL

AW

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

Inj. Date: 1/9/2017 4:57:47 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

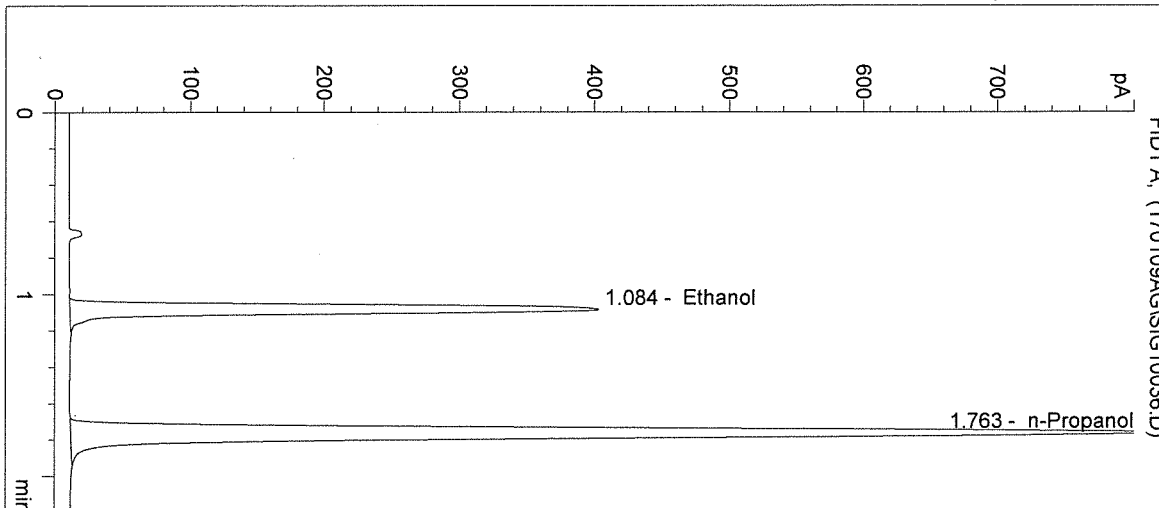
Operator: Andrew Gingras

Column: DB-ALC1

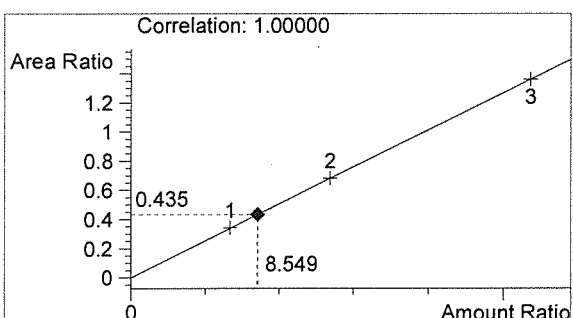
Location: Vial 36

Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info: 17004

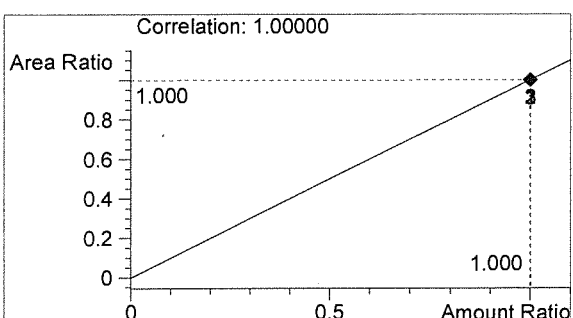


#	Compound	Peak Area	RT (min)
1	Ethanol	1316	1.084
2	n-Propanol	3029	1.763



Ethanol 0.103 g/100mL

AWD



n-Propanol 0.012 g/100mL

AG

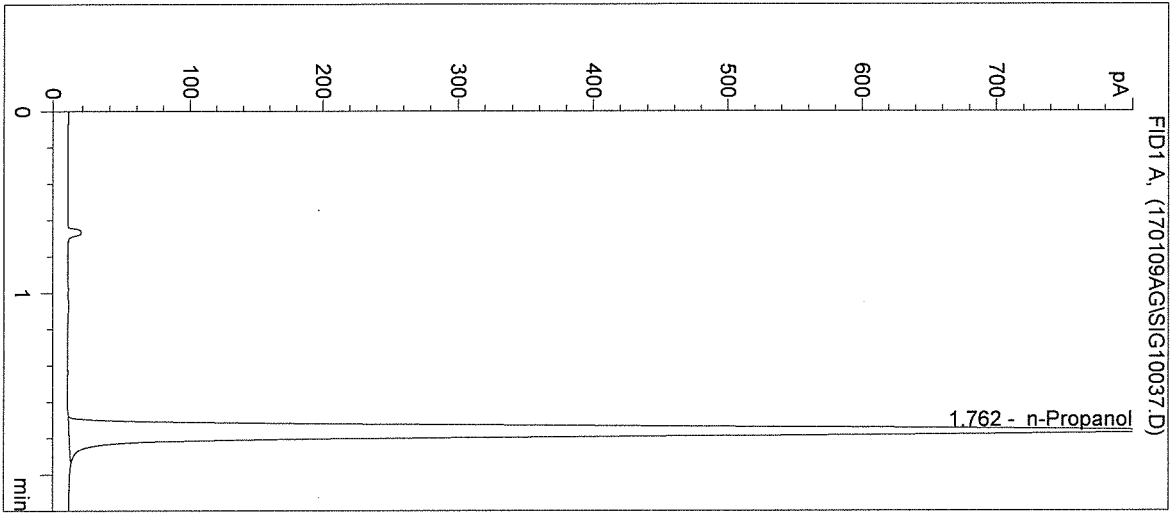
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/9/2017 5:01:00 PM
Instrument: HSGC#1

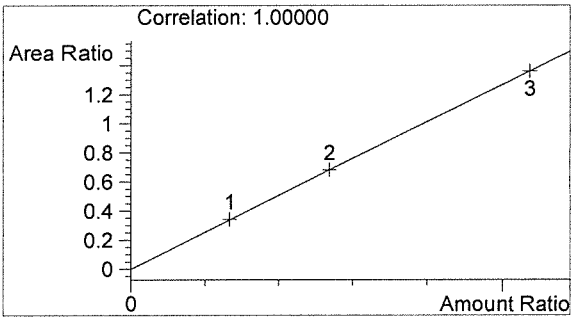
Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 37

Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info: 17004

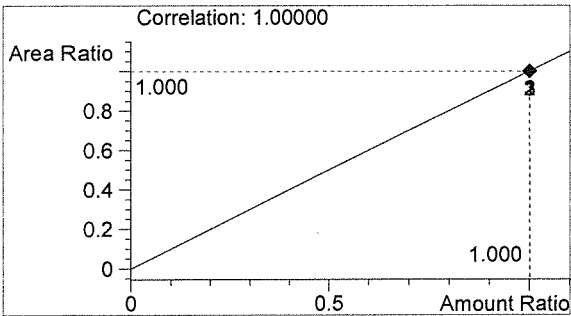


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3097	1.762



Ethanol 0.000 g/100mL

AWD



n-Propanol 0.012 g/100mL

AG

Sequence Parameters:

Operator: Lyndsey Knoy
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\1\DATA\
 Data Subdirectory: 170110LK
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1 0.079 g/100 mL, E0916-01 - Exp. 03/15/17
 Ethanol Calibrator 2 0.158 g/100 mL, E0916-02 - Exp. 03/15/17
 Ethanol Calibrator 3 0.316 g/100 mL, E0916-03 - Exp. 03/15/17

 0.04 Control - Lot #FN12181501 - Exp. 12/2020
 0.10 Control - Lot #FN08051301 - Exp. 10/2018
 0.20 Control - Lot #FN08101505 - Exp. 02/2021

 ISTD Lot#P1116 - Exp. 02/23/2017

 Calibration 1-9 filed with 17001

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	Negative CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	Negative CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	17001 #1	SIMALC1	1	Sample		
11	Vial 11	17001 #2	SIMALC1	1	Sample		
12	Vial 12	17001 #3	SIMALC1	1	Sample		
13	Vial 13	17001 #4	SIMALC1	1	Sample		
14	Vial 14	17001 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	17002 #1	SIMALC1	1	Sample		
18	Vial 18	17002 #2	SIMALC1	1	Sample		
19	Vial 19	17002 #3	SIMALC1	1	Sample		
20	Vial 20	17002 #4	SIMALC1	1	Sample		
21	Vial 21	17002 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	Negative CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	17003 #1	SIMALC1	1	Sample		

17004
 P110 1-26-17

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	17003 #2	SIMALC1	1	Sample		
26	Vial 26	17003 #3	SIMALC1	1	Sample		
27	Vial 27	17003 #4	SIMALC1	1	Sample		
28	Vial 28	17003 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC1	1	Ctrl Samp		
30	Vial 30	Negative CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	17004 #1	SIMALC1	1	Sample		
32	Vial 32	17004 #2	SIMALC1	1	Sample		
33	Vial 33	17004 #3	SIMALC1	1	Sample		
34	Vial 34	17004 #4	SIMALC1	1	Sample		
35	Vial 35	17004 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC1	1	Ctrl Samp		
37	Vial 37	Negative CTRL	SIMALC1	1	Ctrl Samp		
38	Vial 38	17005 #1	SIMALC1	1	Sample		
39	Vial 39	17005 #2	SIMALC1	1	Sample		
40	Vial 40	17005 #3	SIMALC1	1	Sample		
41	Vial 41	17005 #4	SIMALC1	1	Sample		
42	Vial 42	17005 #5	SIMALC1	1	Sample		
43	Vial 43	0.10 CTRL	SIMALC1	1	Ctrl Samp		
44	Vial 44	Negative CTRL	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace		Replace		
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace		Replace		
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace		Replace		

Sequence Table (Back Injector):

No entries - empty table!

17004
Buo 1-26-17

Buo 1-26-17
70/10/17

Handwritten signature

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

Inj. Date: 1/10/2017 6:00:45 PM

Sample Name: 17004 #1

Instrument: HSGC#1

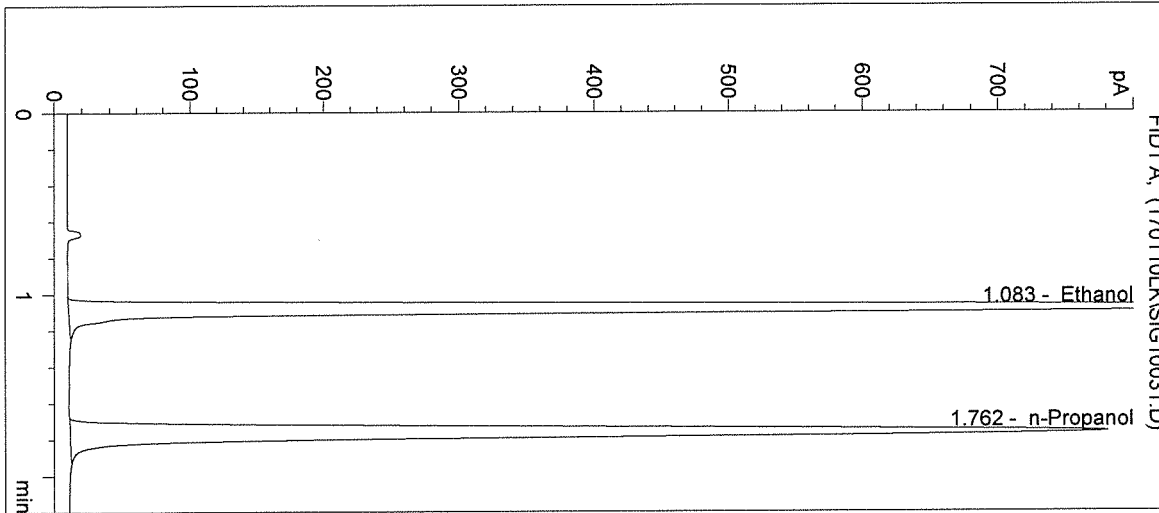
Operator: Lyndsey Knoy

Column: DB-ALC1

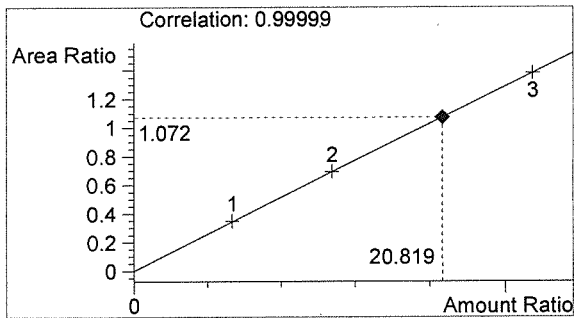
Location: Vial 31

Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info:

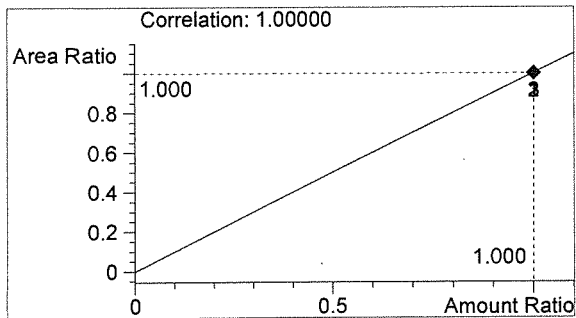


#	Compound	Peak Area	RT (min)
1	Ethanol	3089	1.083
2	n-Propanol	2880	1.762



Ethanol 0.250 g/100mL

PLW



n-Propanol 0.012 g/100mL

PLW

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

Inj. Date: 1/10/2017 6:03:59 PM

Sample Name: 17004 #2

Instrument: HSGC#1

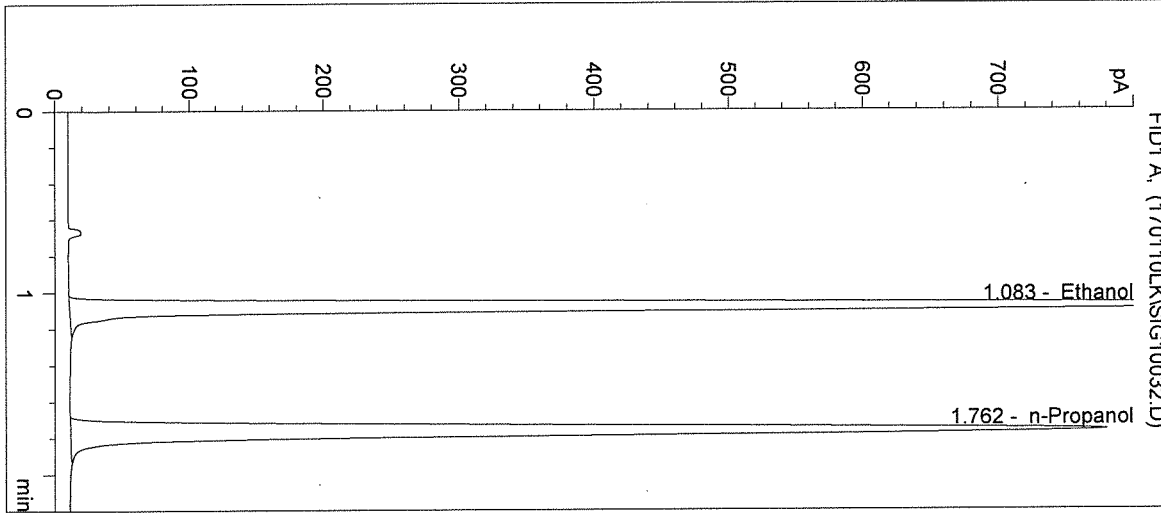
Operator: Lyndsey Knoy

Column: DB-ALC1

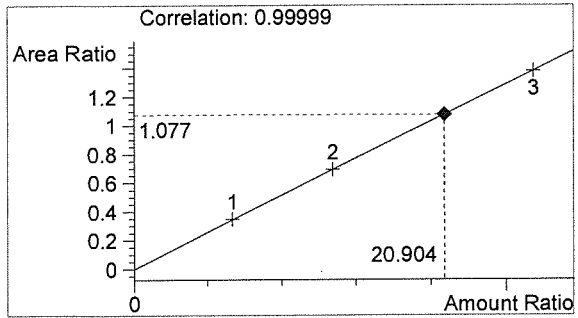
Location: Vial 32

Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info:

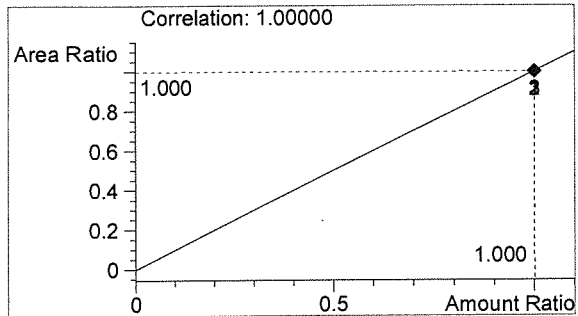


#	Compound	Peak Area	RT (min)
1	Ethanol	3102	1.083
2	n-Propanol	2882	1.762



Ethanol 0.251 g/100mL

AW



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 1/10/2017 6:07:12 PM

Sample Name: 17004 #3

Instrument: HSGC#1

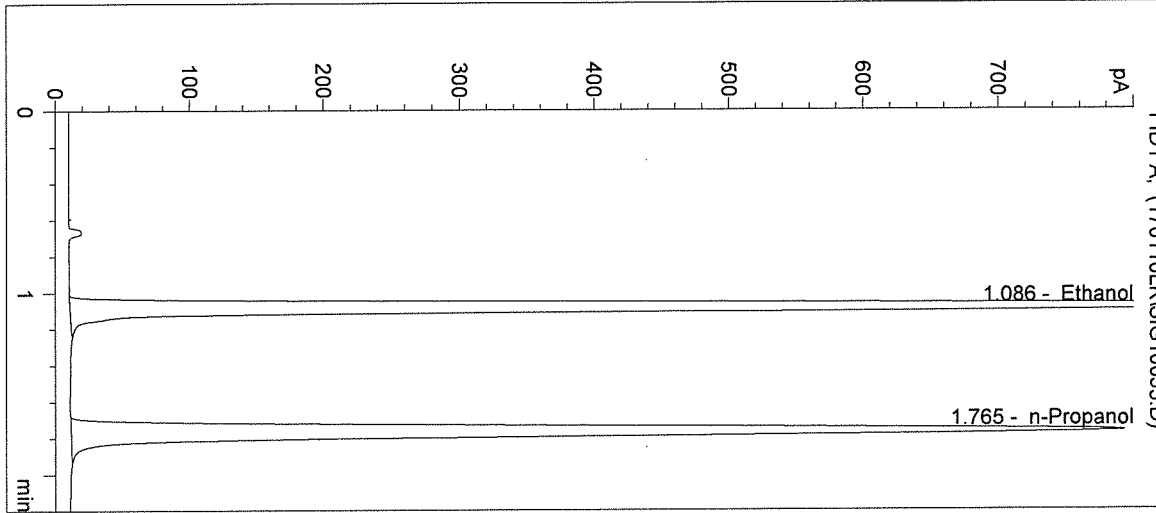
Operator: Lyndsey Knoy

Column: DB-ALC1

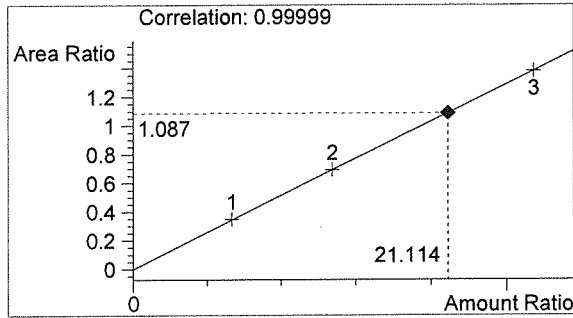
Location: Vial 33

Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info:

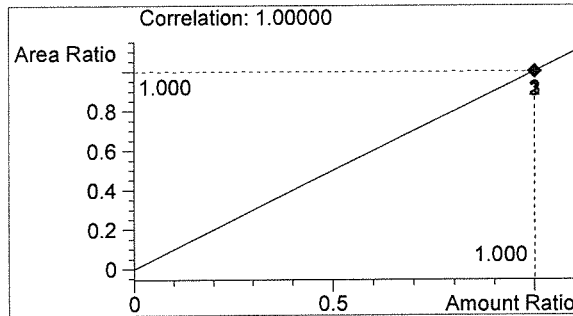


#	Compound	Peak Area	RT (min)
1	Ethanol	3202	1.086
2	n-Propanol	2945	1.765



Ethanol 0.253 g/100mL

AW



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 1/10/2017 6:10:25 PM

Sample Name: 17004 #4

Instrument: HSGC#1

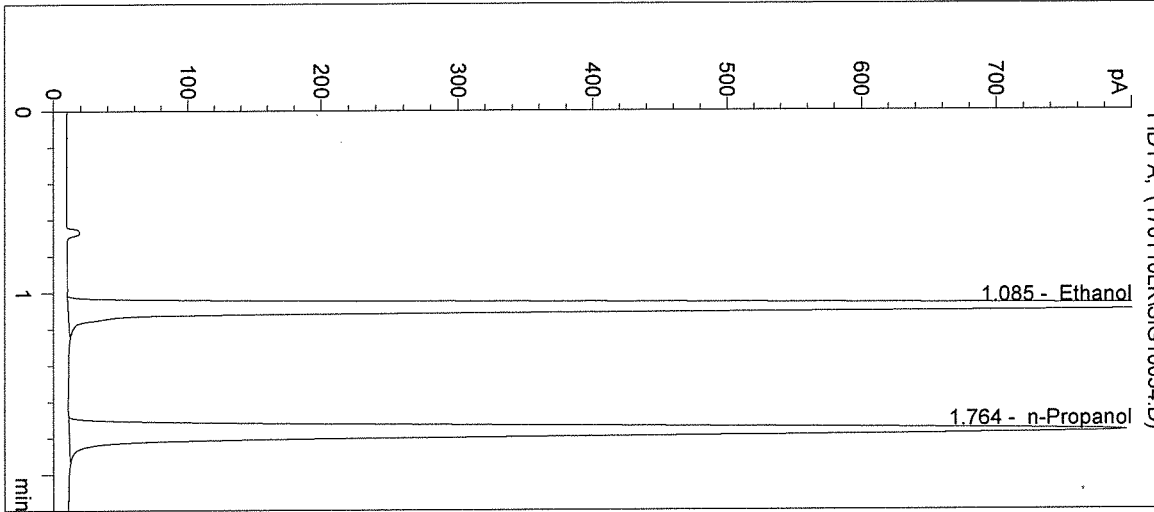
Operator: Lyndsey Knoy

Column: DB-ALC1

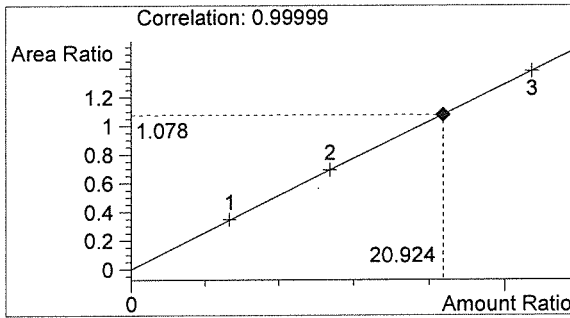
Location: Vial 34

Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info:

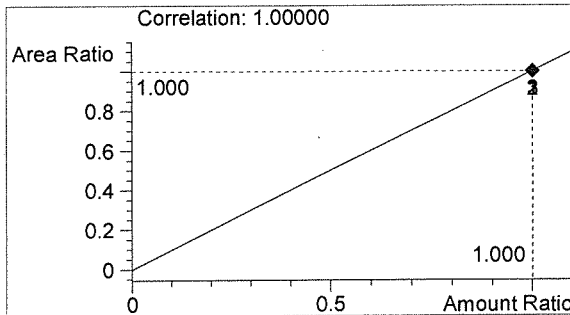


#	Compound	Peak Area	RT (min)
1	Ethanol	3177	1.085
2	n-Propanol	2948	1.764



Ethanol 0.251 g/100mL

PLW



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 1/10/2017 6:13:38 PM

Sample Name: 17004 #5

Instrument: HSGC#1

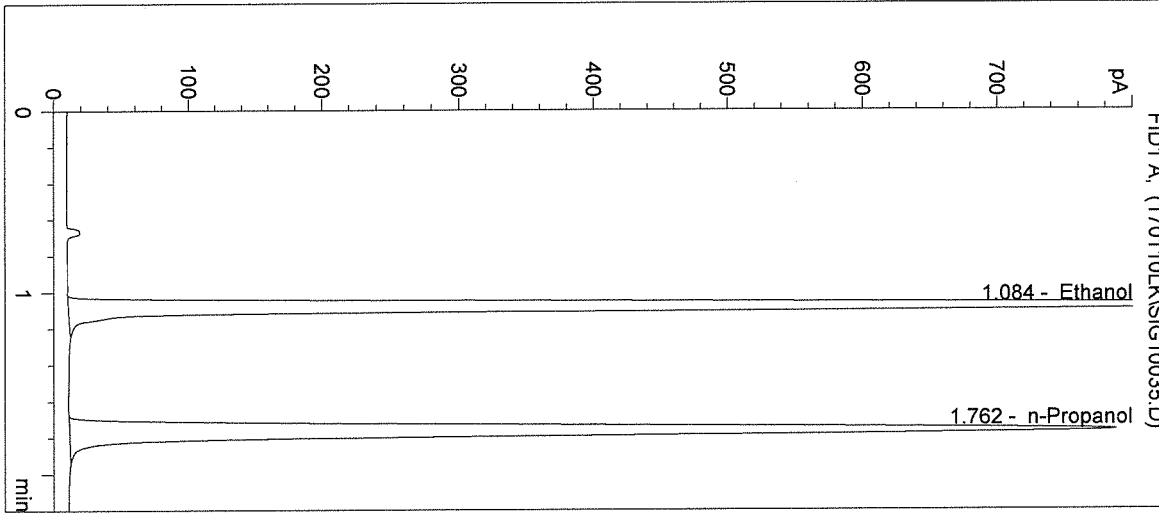
Operator: Lyndsey Knoy

Column: DB-ALC1

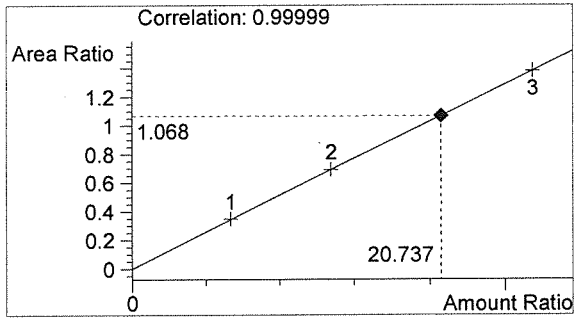
Location: Vial 35

Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info:

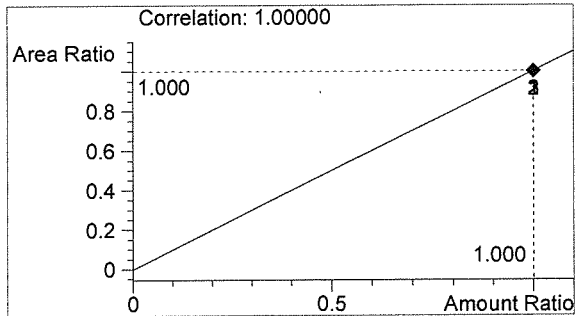


#	Compound	Peak Area	RT (min)
1	Ethanol	3111	1.084
2	n-Propanol	2912	1.762



Ethanol 0.249 g/100mL

AW



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 1/10/2017 6:16:51 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

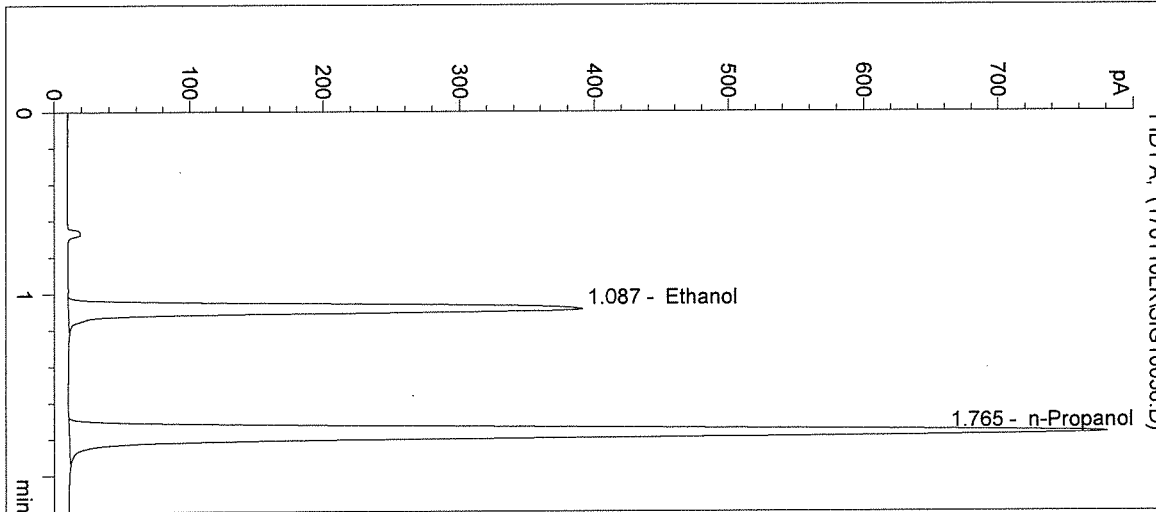
Operator: Lyndsey Knoy

Column: DB-ALC1

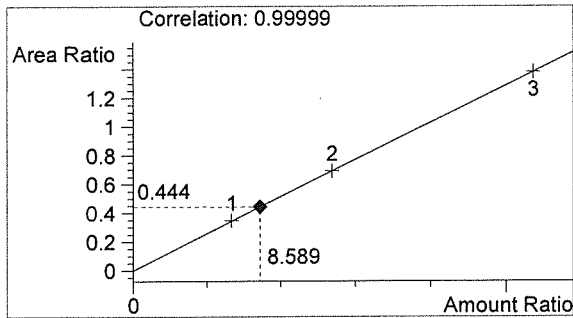
Location: Vial 36

Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info: 17004

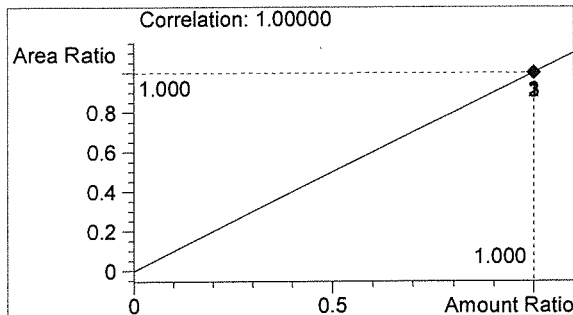


#	Compound	Peak Area	RT (min)
1	Ethanol	1287	1.087
2	n-Propanol	2901	1.765



Ethanol 0.103 g/100mL

PLW



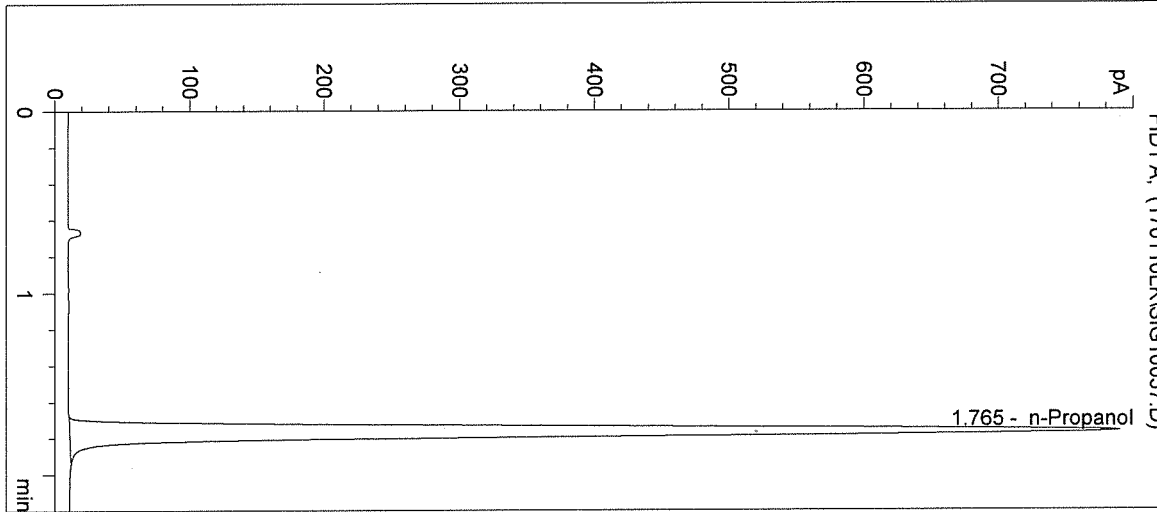
n-Propanol 0.012 g/100mL

PLW

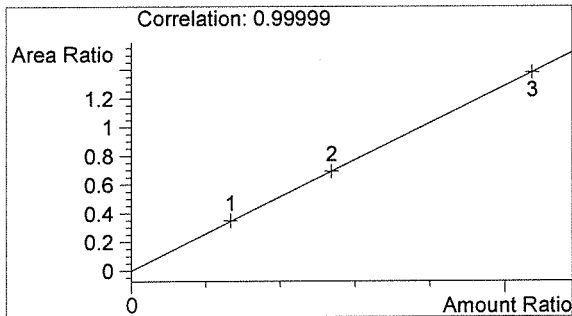
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/10/2017 6:20:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17004

Sample Name: Negative CTRL
Operator: Lyndsey Knoy
Location: Vial 37

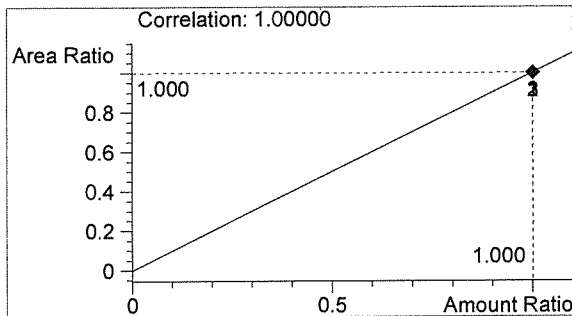


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2939	1.765



Ethanol 0.000 g/100mL

AWO



n-Propanol 0.012 g/100mL

AWO