



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 17021

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: 02/24/2017
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Elizabeth Wehner

	EW	DN	JLK
1	0.252	0.245	0.250
2	0.253	0.246	0.250
3	0.250	0.250	0.250
4	0.257	0.248	0.253
5	0.256	0.250	0.250
C	0.102	0.101	0.101

ETHANOL CONTROL INFORMATION

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

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.2507 g/100mL PRECISION CV (%): 1.29
STANDARD DEVIATION: 0.00322 NUMBER OF TESTS: 15

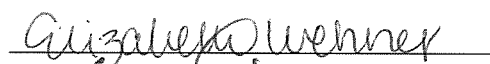


EQUIVALENT VAPOR CONCENTRATION: 0.2038 g/210L
EXPANDED UNCERTAINTY: ± 0.0046 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION



Brianne E. O'Reilly Technical Lead

3-7-2017
DATE REPORT ISSUED

ANALYST	NAME	THIS TESTING WAS PERFORMED BY:	
		SIGNATURE	DATE TESTED
EW	Elizabeth Wehner		02/24/2017
DN	David Nguyen		02/28/2017
JLK	Justin L. Kroy		02/28/2017

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 3-15-17

Location: WSP-FLSB Seattle, WA Solution Batch Number: 17021

	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: 3-15-17

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

QAP Solution Batch #: 17021

Date Prepared: 2/24/2017

Analyst:	EW	DN	JLK
Date Tested:	2/24/2017	2/28/2017	2/28/2017
Instrument:	HSGC 1	HSGC 1	HSGC 1
1	0.252	0.245	0.250
2	0.253	0.246	0.250
3	0.250	0.250	0.250
4	0.257	0.248	0.253
5	0.256	0.250	0.250
C	0.102	0.101	0.101

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000110142	0.0000108206	0.0001016326

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

Average Solution Concentration: 0.2507 g/100mL
 Standard Deviation: 0.00322 g/100mL
 Precision CV (%): 1.29
 Equivalent Vapor Concentration: 0.2038 g/210L
 Combined Standard Uncertainty (\pm): 0.0023 g/210L
 Expanded Uncertainty (\pm): 0.0046 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Brianne E. O'Reilly Brianne O'Reilly 3-3-17
 Name Signature Date

Calculations verified by: Amanda H. Black [Signature] 3-15-17
 Name Signature Date

Method: Hand calculation

Tech. review performed by: Brianne E. O'Reilly Brianne O'Reilly 3-3-17
 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		
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen	DN	3/3/17
Dawn Sklerov		
Elizabeth Wehner	EW	3/7/17
Justin Knoy	JR	3.3.17
Katie Harris		
Lyndsey Knoy		
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 17021
BLU 3.3.17

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 17021**

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 17021, was prepared in the Washington State Toxicology Laboratory on 2/24/2017. 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 2/24/2018.

Seattle, WA

Elizabeth Wehner 3/7/17

Elizabeth Wehner

Date

Forensic Scientist



JAY INSLEE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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

**0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17021**


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 17021, was prepared in the Washington State Toxicology Laboratory on 2/24/2017. 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 2/24/2018.

Seattle, WA

 - 3/3/17
David Nguyen 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 17021**

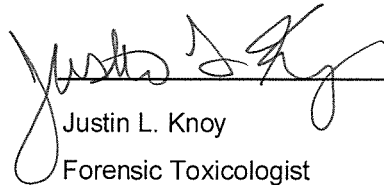
I, Justin L. Knoy, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology, MS degree in Forensic Science, and am certified as a Diplomate in Forensic Toxicology by the American Board of Forensic Toxicology.

The quality assurance procedure (QAP) solution, Lot Number 17021, was prepared in the Washington State Toxicology Laboratory on 2/24/2017. 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 2/24/2018.

Seattle, WA

 3.3.17
Justin L. Knoy Date
Forensic Toxicologist



WSP-TLD COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 2/24/17 Expiration Date: 2/24/18 Initials of Preparer: EW

Lot # of 200-proof Ethanol used in preparation: 2FE0139

Date the 200-proof Ethanol bottle was opened: 2/16/17

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>17018</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>17019</u>
QAP 0.10	28.1	18	<input type="checkbox"/>	<u> </u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>17020</u>
QAP 0.20	56.1	18	<input checked="" type="checkbox"/>	<u>17021</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 Date 2/24/17

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:

Elizabeth Wehner
 Analyst Signature

2/24/17 17021
 Date BU03-3-17

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\1\DATA\
 Data Subdirectory: 170224EW
 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 - exp: 03/15/17
 CAL 2: 0.158 g/100mL - Lot: E0916-02 - exp: 03/15/17
 CAL 3: 0.316 g/100mL - Lot: E0916-03 - exp: 03/15/17

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

n-Propanol ISTD - Lot: P0117 - exp: 04/20/2017

Calibration vials 1-9 filed with 17018.

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	CAL 1 (0.079)	SIMALC1	1	Calib		
3	Vial 3	CAL 2 (0.158)	SIMALC1	1	Calib		
4	Vial 4	CAL 3 (0.316)	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	CTRL 1 (0.04)	SIMALC1	1	Ctrl Samp		
7	Vial 7	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp		
8	Vial 8	CTRL 3 (0.20)	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	17018 #1	SIMALC1	1	Sample		
11	Vial 11	17018 #2	SIMALC1	1	Sample		
12	Vial 12	17018 #3	SIMALC1	1	Sample		
13	Vial 13	17018 #4	SIMALC1	1	Sample		
14	Vial 14	17018 #5	SIMALC1	1	Sample		
15	Vial 15	POS CTRL (0.10)	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	17019 #1	SIMALC1	1	Sample		
18	Vial 18	17019 #2	SIMALC1	1	Sample		
19	Vial 19	17019 #3	SIMALC1	1	Sample		
20	Vial 20	17019 #4	SIMALC1	1	Sample		
21	Vial 21	17019 #5	SIMALC1	1	Sample		
22	Vial 22	POS CTRL (0.10)	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	17020 #1	SIMALC1	1	Sample		

17021
 Buo 3.3.17

EW

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	17020 #2	SIMALC1	1	Sample		
26	Vial 26	17020 #3	SIMALC1	1	Sample		
27	Vial 27	17020 #4	SIMALC1	1	Sample		
28	Vial 28	17020 #5	SIMALC1	1	Sample		
29	Vial 29	POS CTRL (0.10)	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	17021 #1	SIMALC1	1	Sample		
32	Vial 32	17021 #2	SIMALC1	1	Sample		
33	Vial 33	17021 #3	SIMALC1	1	Sample		
34	Vial 34	17021 #4	SIMALC1	1	Sample		
35	Vial 35	17021 #5	SIMALC1	1	Sample		
36	Vial 36	POS CTRL (0.10)	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp		
38	Vial 38	17022 #1	SIMALC1	1	Sample		
39	Vial 39	17022 #2	SIMALC1	1	Sample		
40	Vial 40	17022 #3	SIMALC1	1	Sample		
41	Vial 41	17022 #4	SIMALC1	1	Sample		
42	Vial 42	17022 #5	SIMALC1	1	Sample		
43	Vial 43	POS CTRL (0.10)	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	CAL 1 (0.079)	SIMALC1	1	Replace		Replace		
3	Vial 3	CAL 2 (0.158)	SIMALC1	2	Replace		Replace		
4	Vial 4	CAL 3 (0.316)	SIMALC1	3	Replace		Replace		

Sequence Table (Back Injector):

No entries - empty table!

17021
3-3-17 Buo

EW

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

Inj. Date: 2/24/2017 11:23:55 AM

Sample Name: 17021 #1

Instrument: HSGC#1

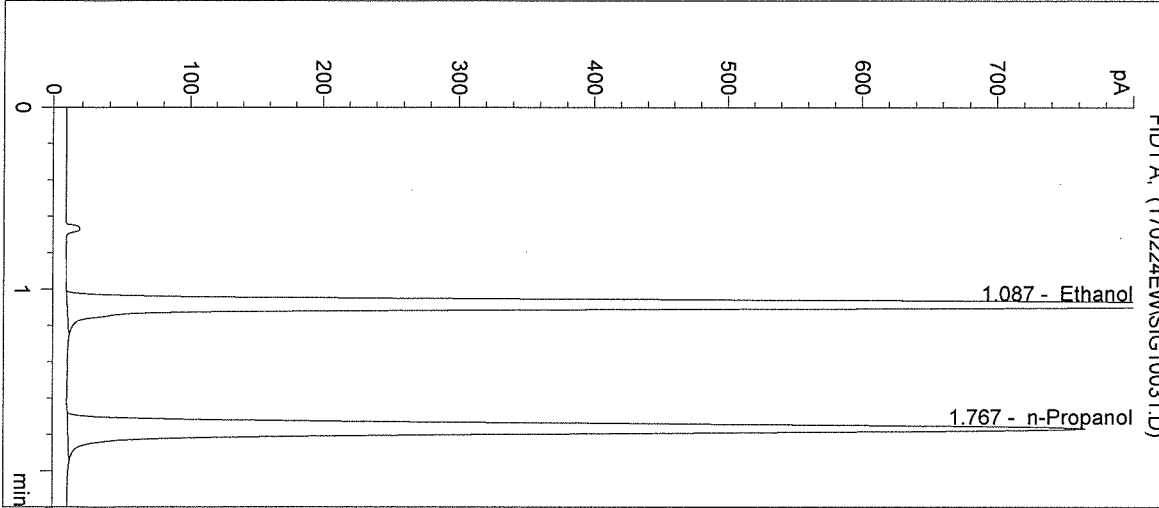
Operator: Elizabeth Wehner

Column: DB-ALC1

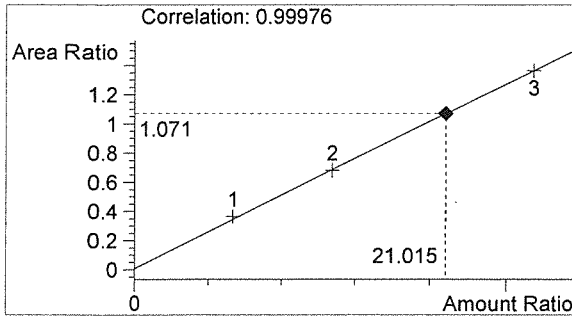
Location: Vial 31

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

Sample Info:

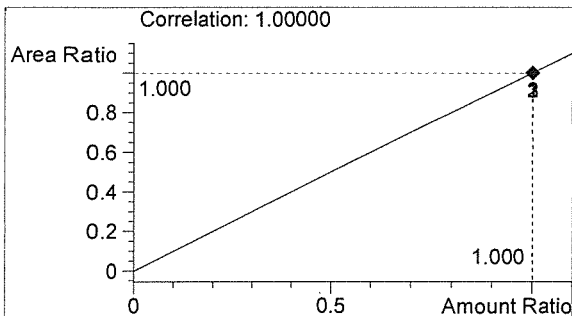


#	Compound	Peak Area	RT (min)
1	Ethanol	3073	1.087
2	n-Propanol	2868	1.767



Ethanol 0.252 g/100mL

PLW



n-Propanol 0.012 g/100mL

EW

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

Inj. Date: 2/24/2017 11:27:09 AM

Sample Name: 17021 #2

Instrument: HSGC#1

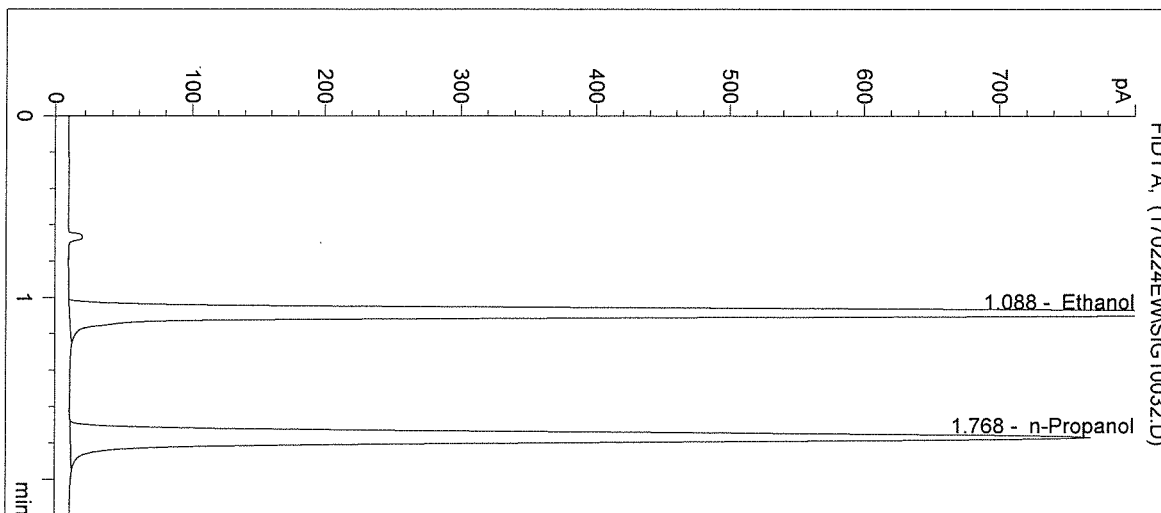
Operator: Elizabeth Wehner

Column: DB-ALC1

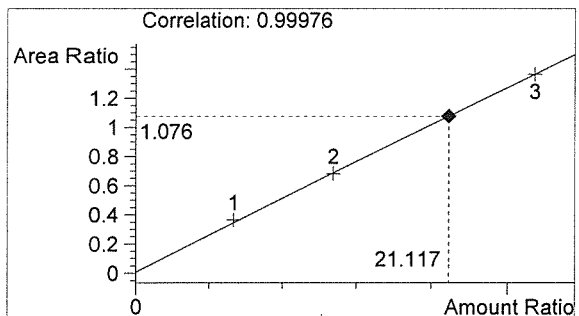
Location: Vial 32

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

Sample Info:

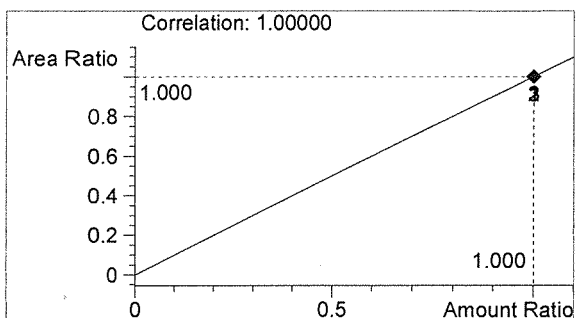


#	Compound	Peak Area	RT (min)
1	Ethanol	3103	1.088
2	n-Propanol	2883	1.768



Ethanol 0.253 g/100mL

AW



n-Propanol 0.012 g/100mL

EW

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

Inj. Date: 2/24/2017 11:30:22 AM

Sample Name: 17021 #3

Instrument: HSGC#1

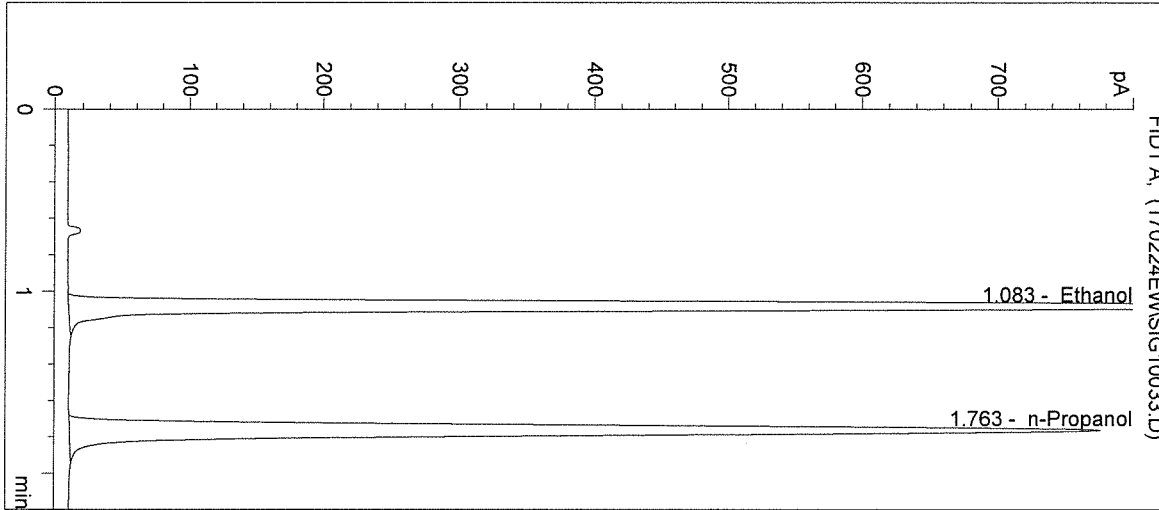
Operator: Elizabeth Wehner

Column: DB-ALC1

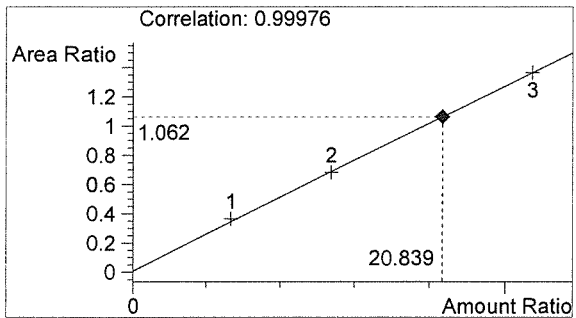
Location: Vial 33

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

Sample Info:

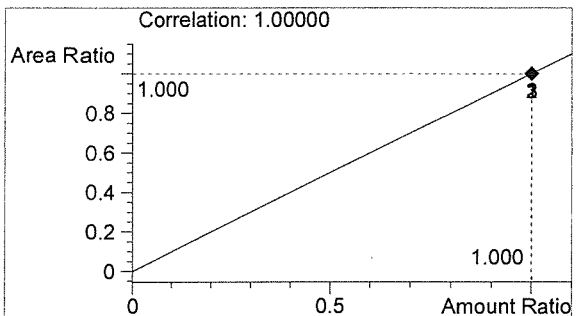


#	Compound	Peak Area	RT (min)
1	Ethanol	3057	1.083
2	n-Propanol	2877	1.763



Ethanol 0.250 g/100mL

AW

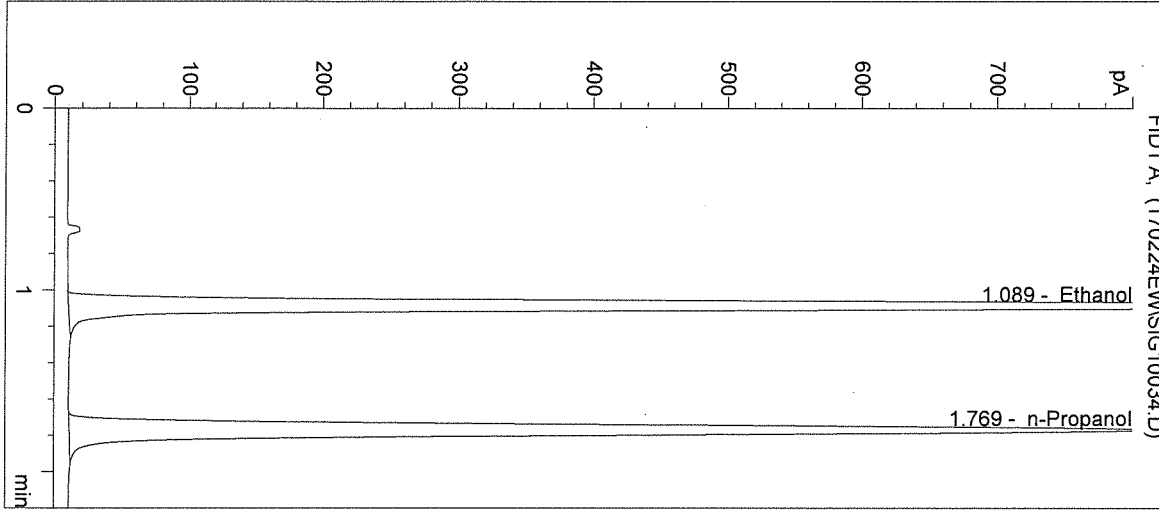


n-Propanol 0.012 g/100mL

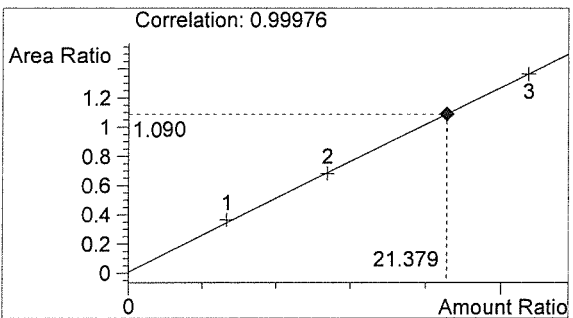
EW

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

Inj. Date: 2/24/2017 11:33:36 AM Sample Name: 17021 #4
 Instrument: HSGC#1 Operator: Elizabeth Wehner
 Column: DB-ALC1 Location: Vial 34
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:

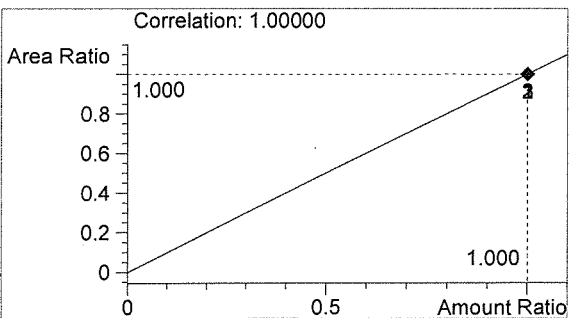


#	Compound	Peak Area	RT (min)
1	Ethanol	3358	1.089
2	n-Propanol	3082	1.769



Ethanol 0.257 g/100mL

ALW

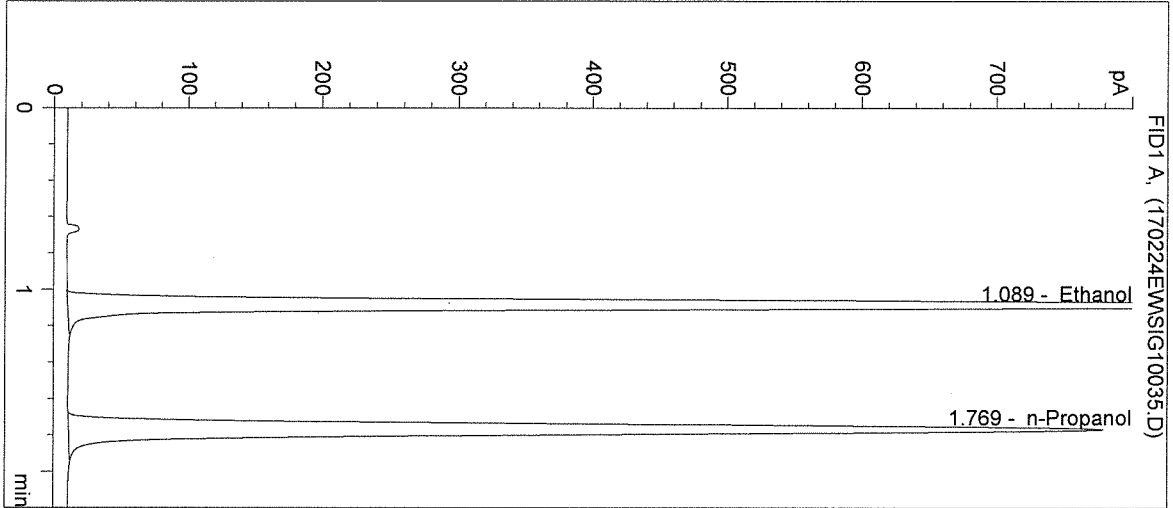


n-Propanol 0.012 g/100mL

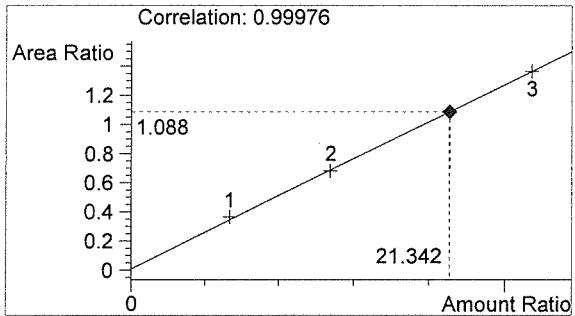
EW

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

Inj. Date: 2/24/2017 11:36:49 AM Sample Name: 17021 #5
 Instrument: HSGC#1 Operator: Elizabeth Wehner
 Column: DB-ALC1 Location: Vial 35
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:

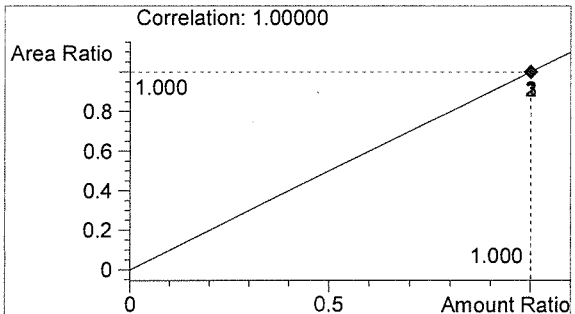


#	Compound	Peak Area	RT (min)
1	Ethanol	3209	1.089
2	n-Propanol	2951	1.769



Ethanol 0.256 g/100mL

BWD

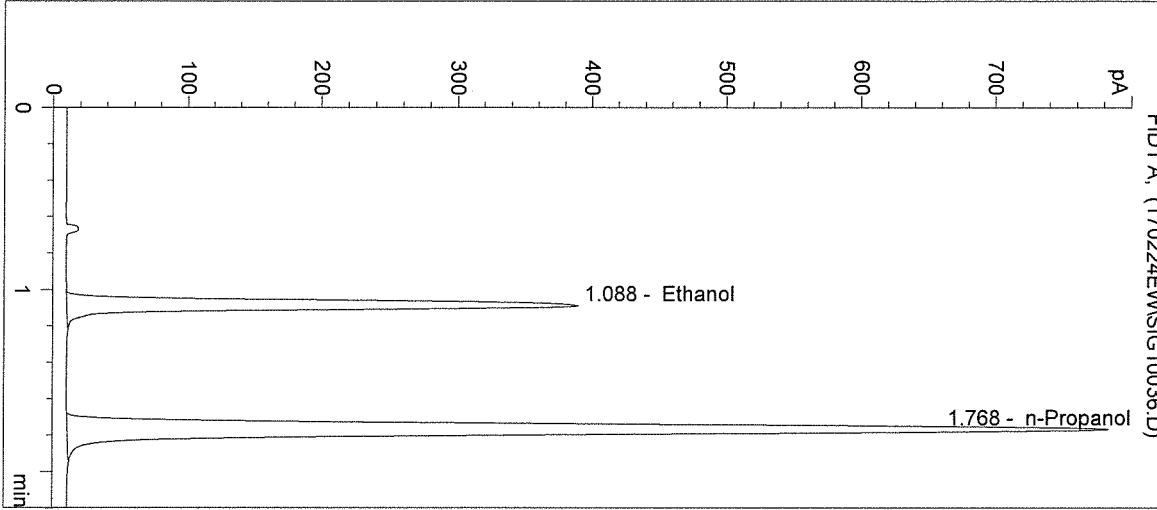


n-Propanol 0.012 g/100mL

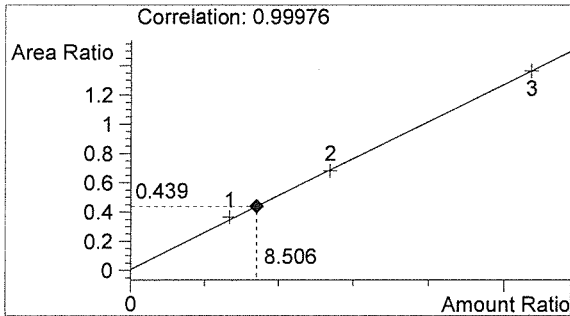
EW

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

Inj. Date: 2/24/2017 11:40:02 AM Sample Name: POS CTRL (0.10)
Instrument: HSGC#1 Operator: Elizabeth Wehner
Column: DB-ALC1 Location: Vial 36
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: POS CTRL: 0.10 g/100mL
17021

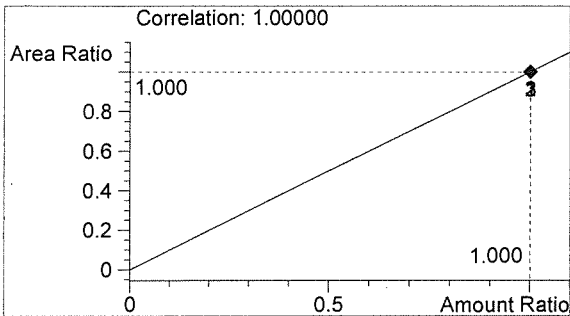


#	Compound	Peak Area	RT (min)
1	Ethanol	1295	1.088
2	n-Propanol	2948	1.768



Ethanol 0.102 g/100mL

RAW

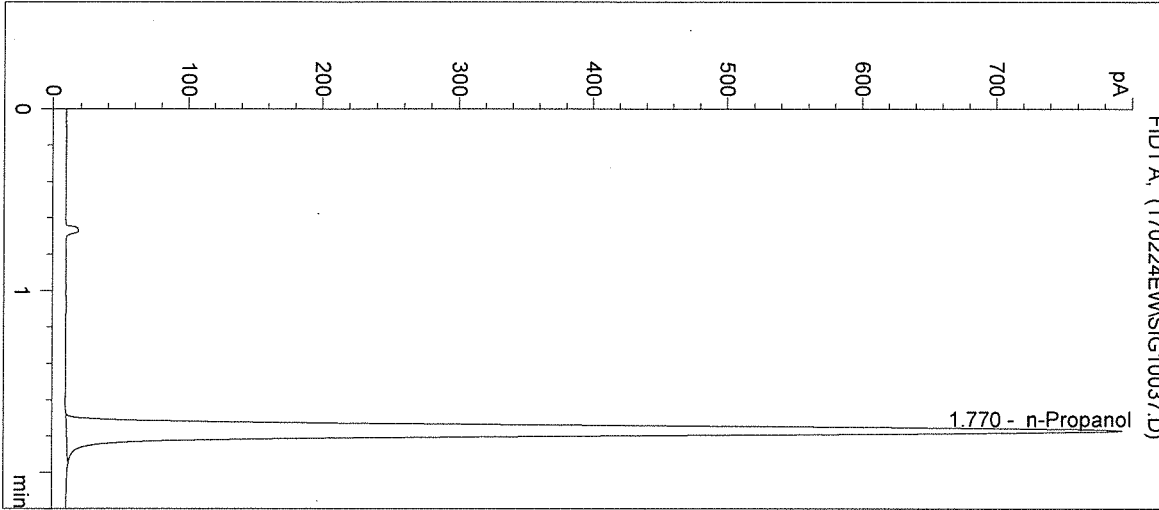


n-Propanol 0.012 g/100mL

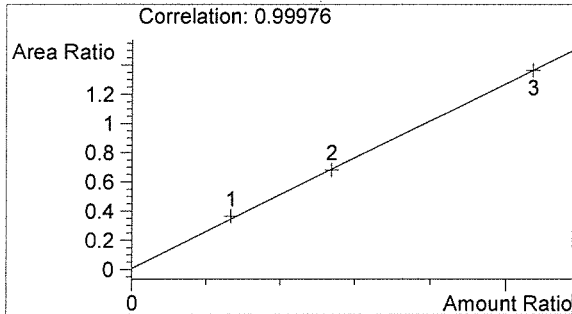
EW

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

Inj. Date: 2/24/2017 11:43:15 AM Sample Name: NEG CTRL
Instrument: HSGC#1 Operator: Elizabeth Wehner
Column: DB-ALC1 Location: Vial 37
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17021

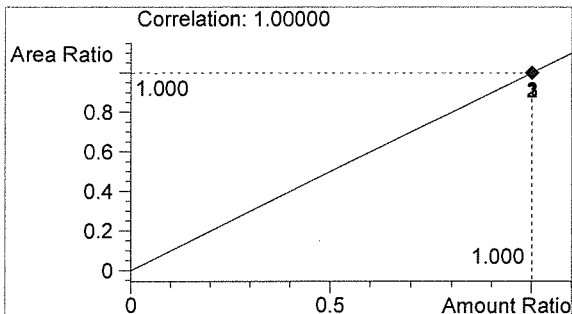


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2999	1.770



Ethanol 0.000 g/100mL

AW



n-Propanol 0.012 g/100mL

EW

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\1\DATA\
 Data Subdirectory: 170228DN
 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: E0217-01 - X: 08/21/17
 CAL 2: 0.158 g/100mL - Lot: E0217-02 - X: 08/21/17
 CAL 3: 0.316 g/100mL - Lot: E0217-03 - X: 08/21/17

 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: P0117 - X: 04/20/17

 Calibration vials 1-9 filed with 17018.

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	CAL 1 (0.079)	SIMALC1	1	Calib		
3	Vial 3	CAL 2 (0.158)	SIMALC1	1	Calib		
4	Vial 4	CAL 3 (0.316)	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	CTRL 1 (0.04)	SIMALC1	1	Ctrl Samp		
7	Vial 7	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp		
8	Vial 8	CTRL 3 (0.20)	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	17018 #1	SIMALC1	1	Sample		
11	Vial 11	17018 #2	SIMALC1	1	Sample		
12	Vial 12	17018 #3	SIMALC1	1	Sample		
13	Vial 13	17018 #4	SIMALC1	1	Sample		
14	Vial 14	17018 #5	SIMALC1	1	Sample		
15	Vial 15	POS CTRL (0.10)	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	17019 #1	SIMALC1	1	Sample		
18	Vial 18	17019 #2	SIMALC1	1	Sample		
19	Vial 19	17019 #3	SIMALC1	1	Sample		
20	Vial 20	17019 #4	SIMALC1	1	Sample		
21	Vial 21	17019 #5	SIMALC1	1	Sample		
22	Vial 22	POS CTRL (0.10)	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	17020 #1	SIMALC1	1	Sample		

17021
 PWO 3-3-17

DN

Sequence: C:\HPCHEM\1\SEQUENCE\DN-QAP.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	17020 #2	SIMALC1	1	Sample		
26	Vial 26	17020 #3	SIMALC1	1	Sample		
27	Vial 27	17020 #4	SIMALC1	1	Sample		
28	Vial 28	17020 #5	SIMALC1	1	Sample		
29	Vial 29	POS CTRL (0.10)	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	17021 #1	SIMALC1	1	Sample		
32	Vial 32	17021 #2	SIMALC1	1	Sample		
33	Vial 33	17021 #3	SIMALC1	1	Sample		
34	Vial 34	17021 #4	SIMALC1	1	Sample		
35	Vial 35	17021 #5	SIMALC1	1	Sample		
36	Vial 36	POS CTRL (0.10)	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp		
38	Vial 38	17022 #1	SIMALC1	1	Sample		
39	Vial 39	17022 #2	SIMALC1	1	Sample		
40	Vial 40	17022 #3	SIMALC1	1	Sample		
41	Vial 41	17022 #4	SIMALC1	1	Sample		
42	Vial 42	17022 #5	SIMALC1	1	Sample		
43	Vial 43	POS CTRL (0.10)	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	CAL 1 (0.079)	SIMALC1	1	Replace		Replace		
3	Vial 3	CAL 2 (0.158)	SIMALC1	2	Replace		Replace		
4	Vial 4	CAL 3 (0.316)	SIMALC1	3	Replace		Replace		

Sequence Table (Back Injector):

No entries - empty table!

17021
BAG 3-3-17

DN

Inj. Date: 2/28/2017 10:42:23 AM

Sample Name: 17021 #1

Instrument: HSGC#1

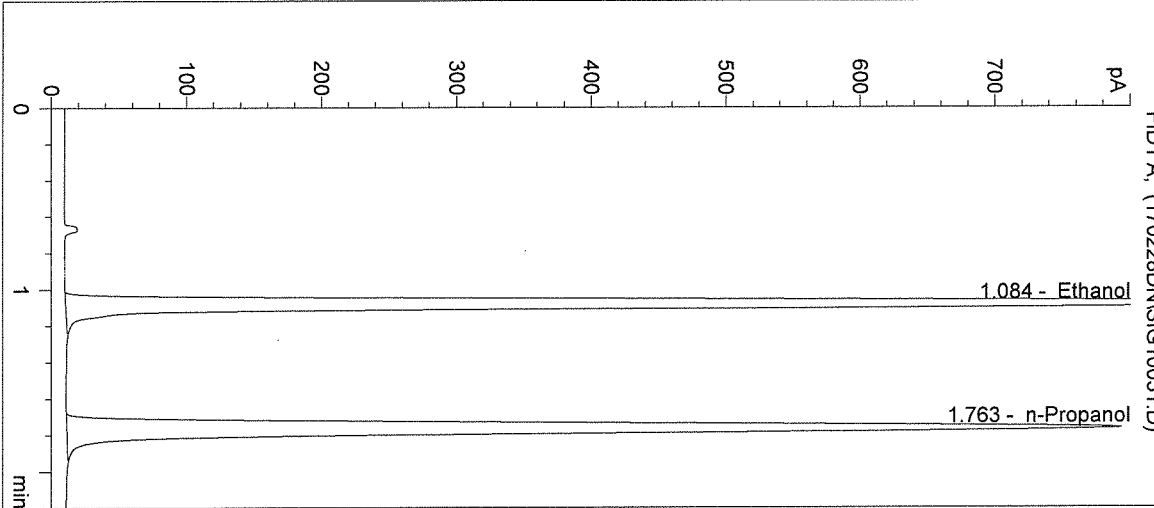
Operator: David Nguyen

Column: DB-ALC1

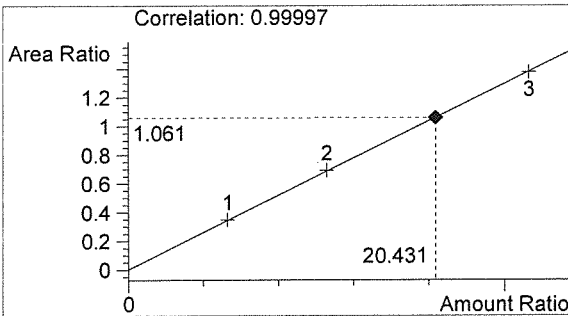
Location: Vial 31

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

Sample Info:

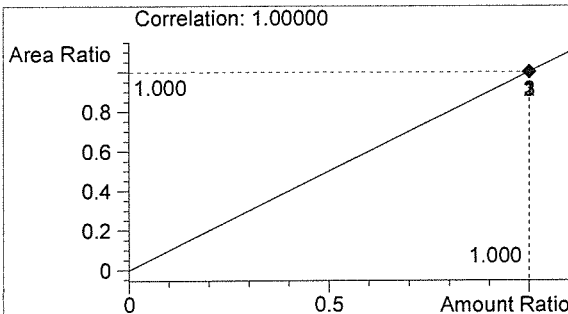


#	Compound	Peak Area	RT (min)
1	Ethanol	3129	1.084
2	n-Propanol	2948	1.763



Ethanol 0.245 g/100mL

AW



n-Propanol 0.012 g/100mL

DN

Inj. Date: 2/28/2017 10:45:36 AM

Sample Name: 17021 #2

Instrument: HSGC#1

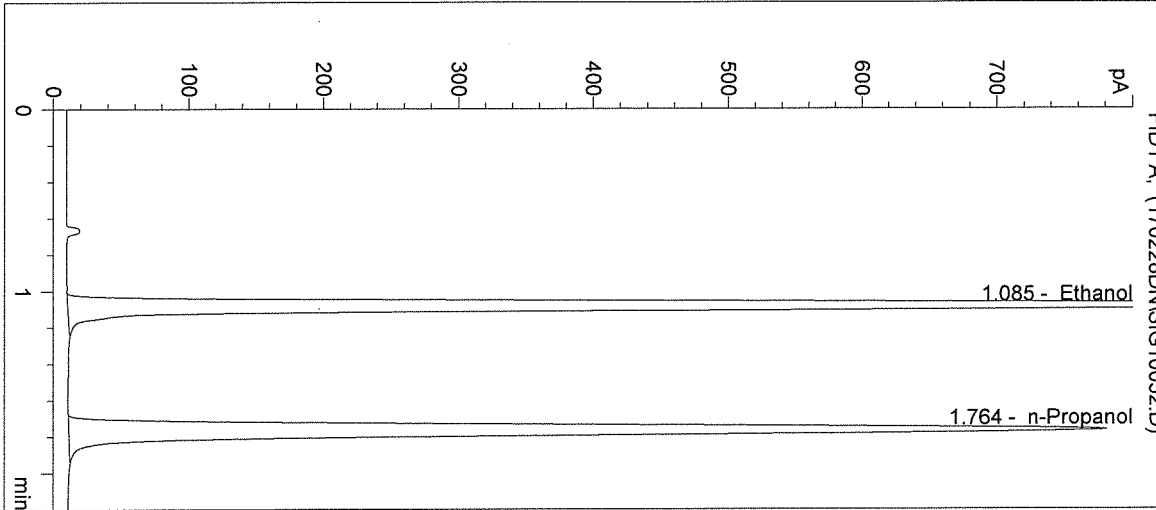
Operator: David Nguyen

Column: DB-ALC1

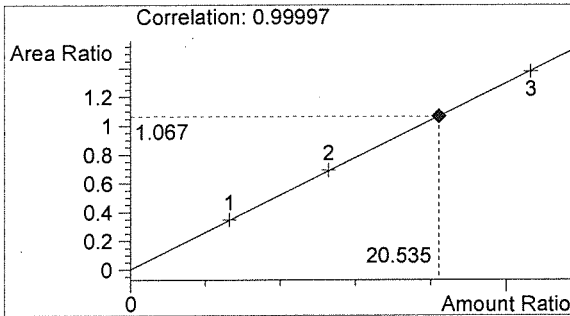
Location: Vial 32

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

Sample Info:

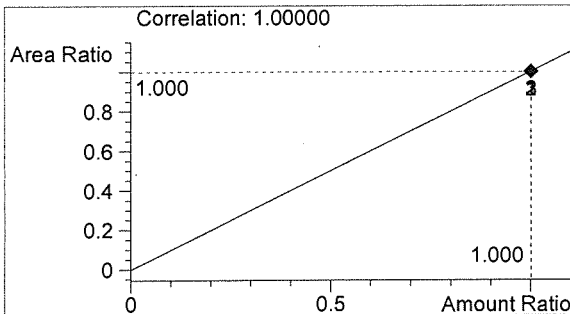


#	Compound	Peak Area	RT (min)
1	Ethanol	3107	1.085
2	n-Propanol	2912	1.764



Ethanol 0.246 g/100mL

AWO



n-Propanol 0.012 g/100mL

DN

Inj. Date: 2/28/2017 10:48:49 AM

Sample Name: 17021 #3

Instrument: HSGC#1

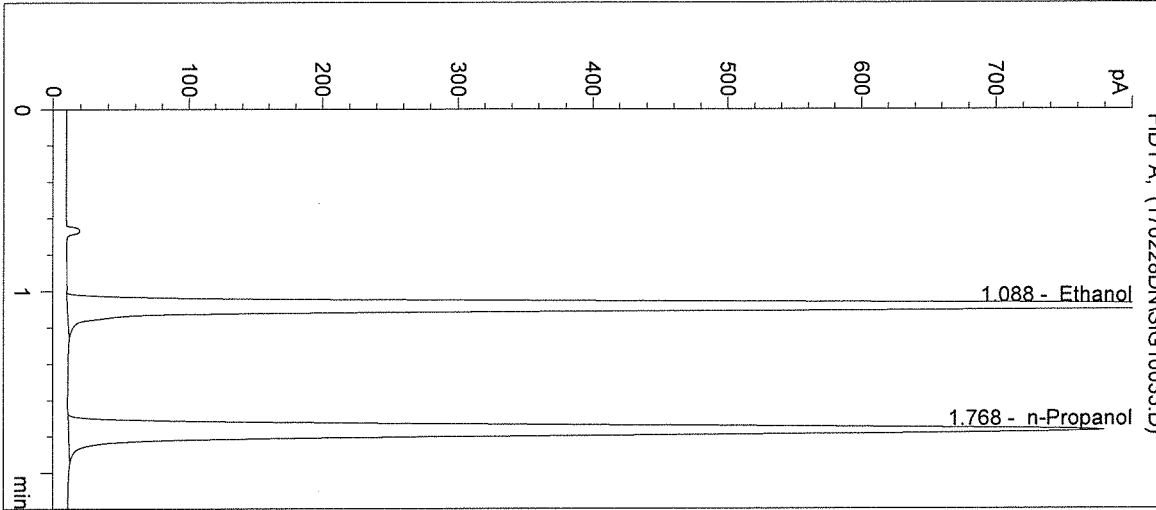
Operator: David Nguyen

Column: DB-ALC1

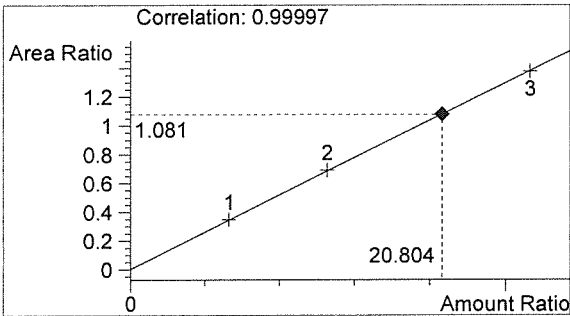
Location: Vial 33

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

Sample Info:

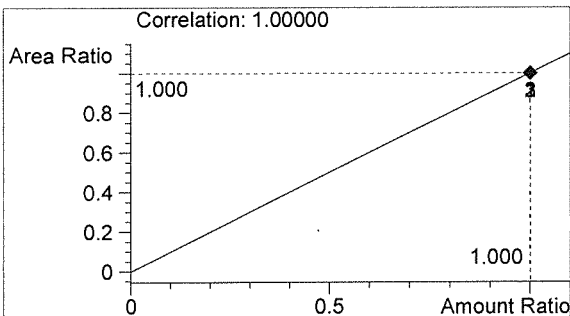


#	Compound	Peak Area	RT (min)
1	Ethanol	3166	1.088
2	n-Propanol	2930	1.768



Ethanol 0.250 g/100mL

AWO



n-Propanol 0.012 g/100mL

DN

Inj. Date: 2/28/2017 10:52:03 AM

Sample Name: 17021 #4

Instrument: HSGC#1

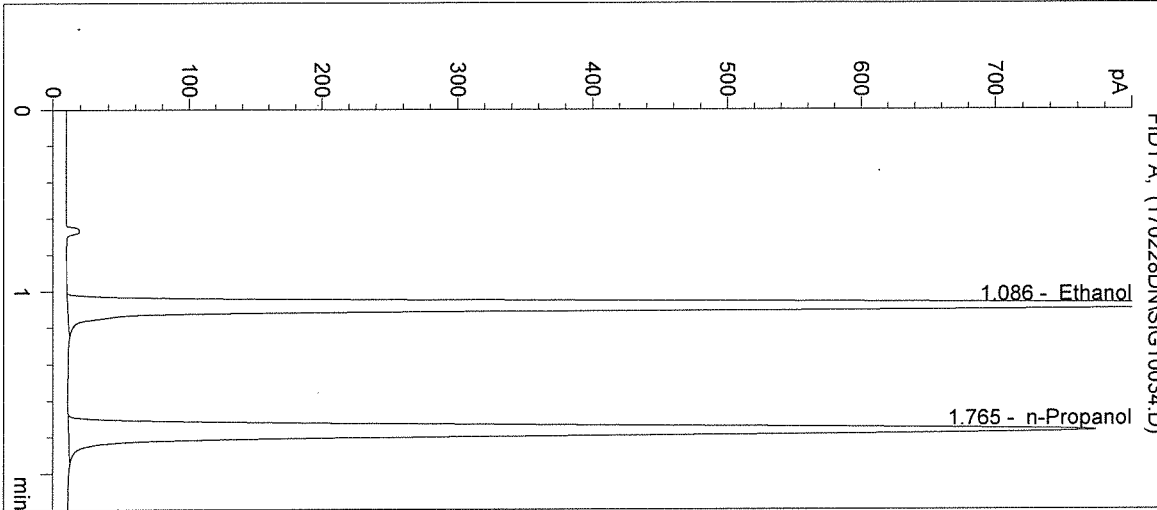
Operator: David Nguyen

Column: DB-ALC1

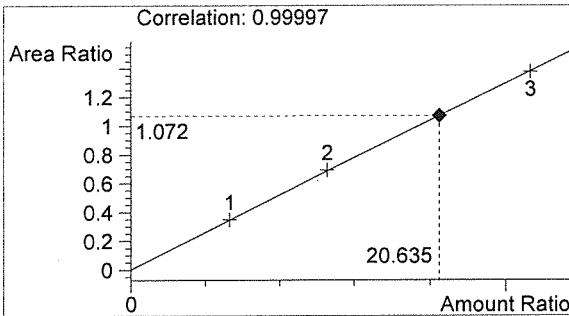
Location: Vial 34

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

Sample Info:

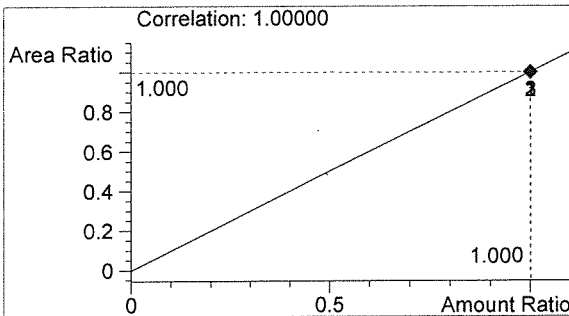


#	Compound	Peak Area	RT (min)
1	Ethanol	3097	1.086
2	n-Propanol	2890	1.765



Ethanol 0.248 g/100mL

PNW

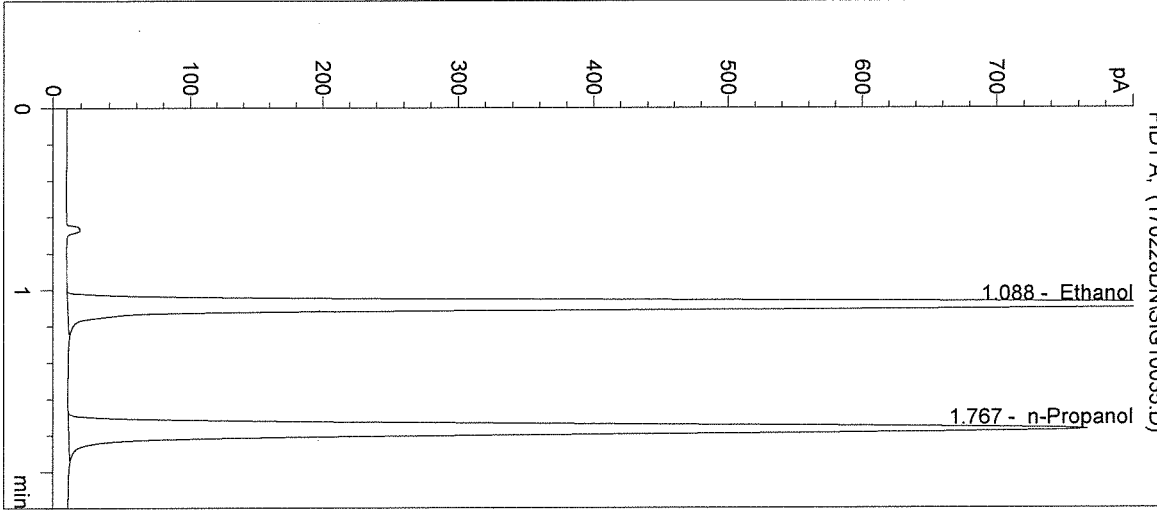


n-Propanol 0.012 g/100mL

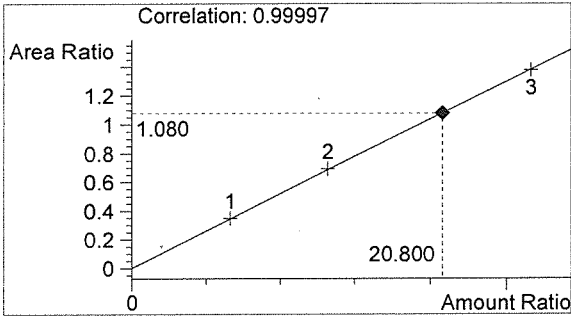
DN

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

Inj. Date: 2/28/2017 10:55:16 AM Sample Name: 17021 #5
 Instrument: HSGC#1 Operator: David Nguyen
 Column: DB-ALC1 Location: Vial 35
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:

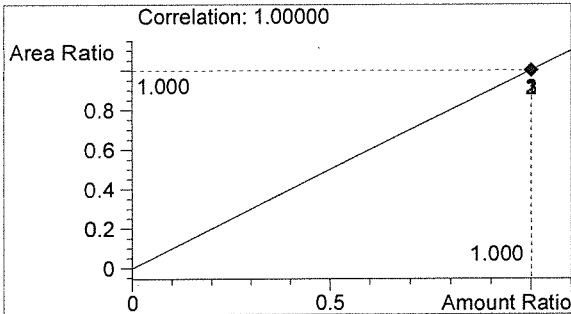


#	Compound	Peak Area	RT (min)
1	Ethanol	3116	1.088
2	n-Propanol	2884	1.767



Ethanol 0.250 g/100mL

PNW

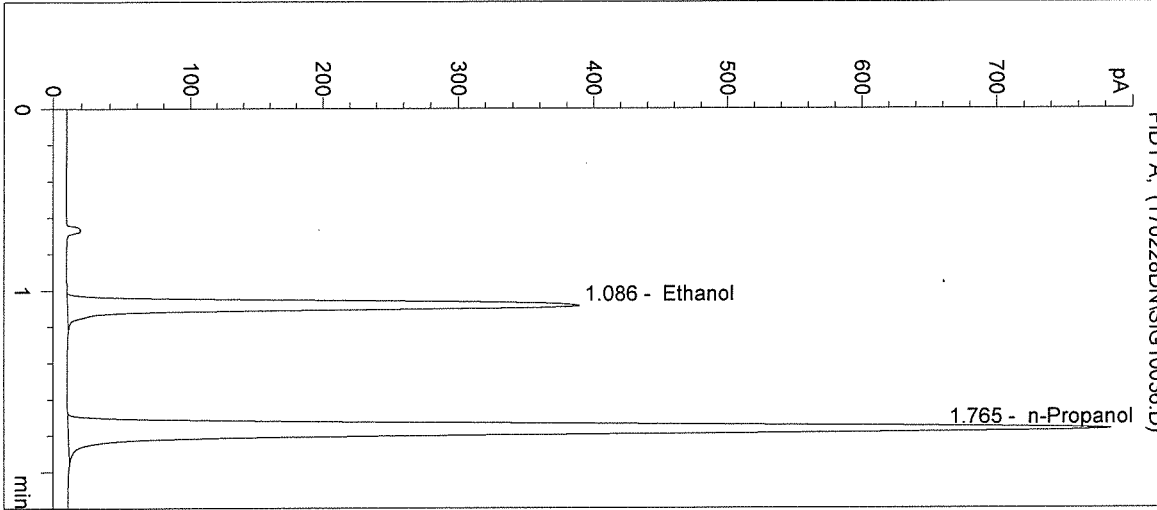


n-Propanol 0.012 g/100mL

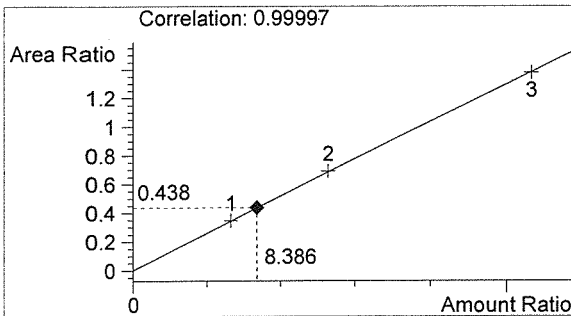
DN

Inj. Date: 2/28/2017 10:58:29 AM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: POS CTRL: 0.10 g/100mL
 17021

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

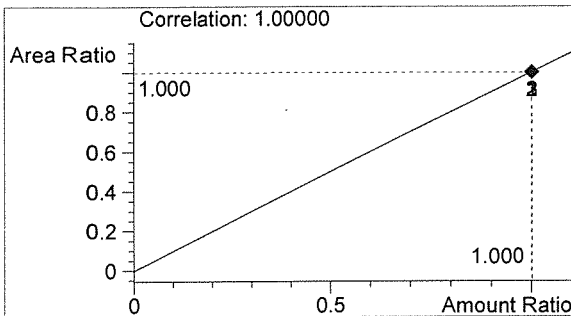


#	Compound	Peak Area	RT (min)
1	Ethanol	1287	1.086
2	n-Propanol	2935	1.765



Ethanol 0.101 g/100mL

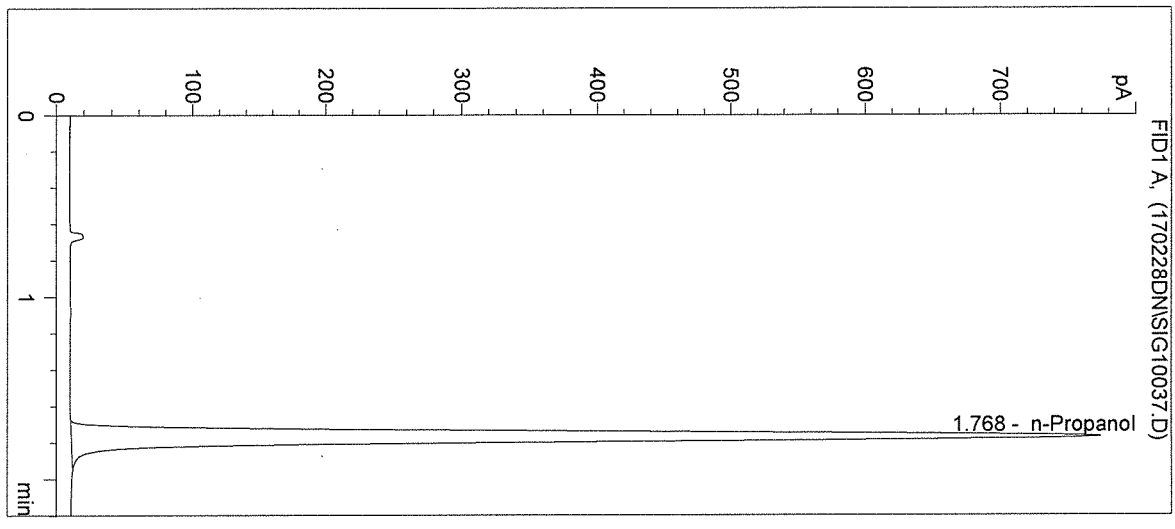
RW



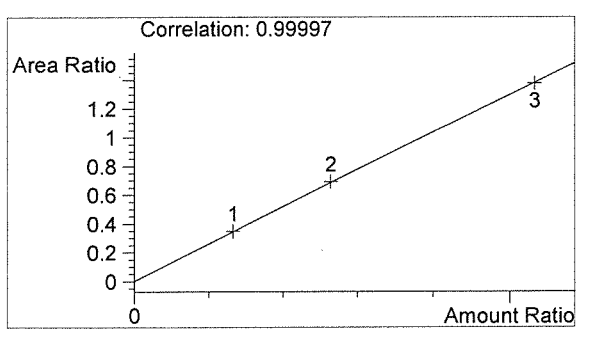
n-Propanol 0.012 g/100mL

DN

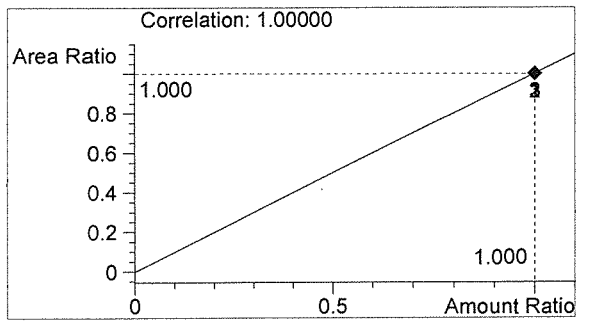
Inj. Date: 2/28/2017 11:01:43 AM Sample Name: NEG CTRL
Instrument: HSGC#1 Operator: David Nguyen
Column: DB-ALC1 Location: Vial 37
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17021



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2922	1.768



Ethanol 0.000 g/100mL *DN*



n-Propanol 0.012 g/100mL

DN

Sequence Parameters:

Operator: Justin Knoy
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\1\DATA\
 Data Subdirectory: 170228JK
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0217-01 - Exp. 08/21/2017
 Ethanol Calibrator 2, E0217-02 - Exp. 08/21/2017
 Ethanol Calibrator 3, E0217-03 - Exp. 08/21/2017
 CTRL1 (0.04g/100mL), Lot # FN12181501 - Exp. 12/2020
 CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
 CTRL3 (0.20g/100mL), Lot # FN08101505 - Exp. 02/2021
 Internal Standard Lot#P0117 - Exp. 04/20/2017

Calibration vials 1-9 filed with 17018.

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	17018-1	SIMALC1	1	Sample		
11	Vial 11	17018-2	SIMALC1	1	Sample		
12	Vial 12	17018-3	SIMALC1	1	Sample		
13	Vial 13	17018-4	SIMALC1	1	Sample		
14	Vial 14	17018-5	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	17019-1	SIMALC1	1	Sample		
18	Vial 18	17019-2	SIMALC1	1	Sample		
19	Vial 19	17019-3	SIMALC1	1	Sample		
20	Vial 20	17019-4	SIMALC1	1	Sample		
21	Vial 21	17019-5	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	17020-1	SIMALC1	1	Sample		
25	Vial 25	17020-2	SIMALC1	1	Sample		
26	Vial 26	17020-3	SIMALC1	1	Sample		

17021
 Bu03:3:17

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	17020-4	SIMALC1	1	Sample		
28	Vial 28	17020-5	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	17021-1	SIMALC1	1	Sample		
32	Vial 32	17021-2	SIMALC1	1	Sample		
33	Vial 33	17021-3	SIMALC1	1	Sample		
34	Vial 34	17021-4	SIMALC1	1	Sample		
35	Vial 35	17021-5	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	17022-1	SIMALC1	1	Sample		
39	Vial 39	17022-2	SIMALC1	1	Sample		
40	Vial 40	17022-3	SIMALC1	1	Sample		
41	Vial 41	17022-4	SIMALC1	1	Sample		
42	Vial 42	17022-5	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!

17021
Bc03-3-17

JK

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

Inj. Date: 2/28/2017 4:21:22 PM

Sample Name: 17021-1

Instrument: HSGC#1

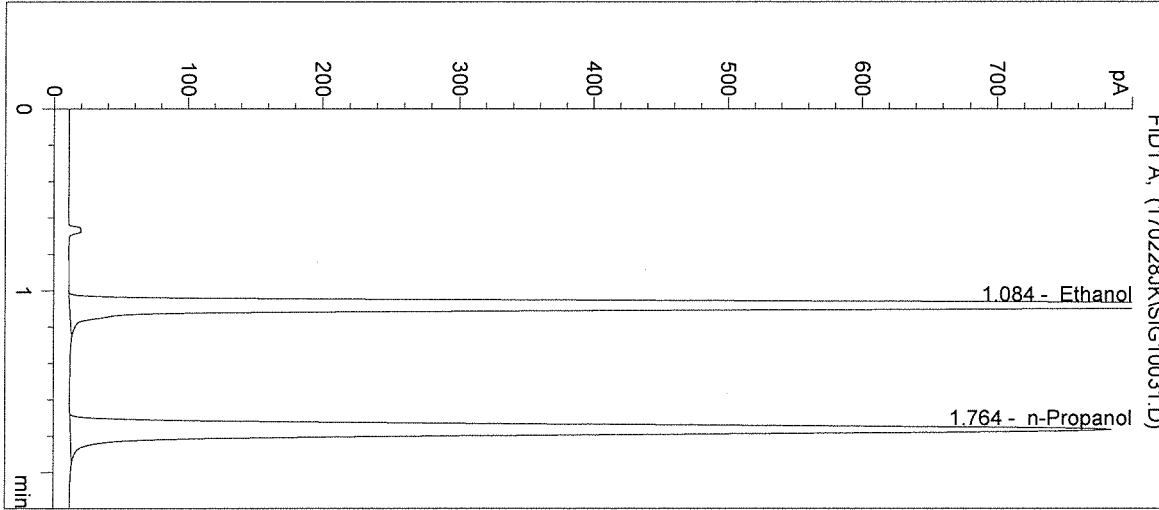
Operator: Justin Knoy

Column: DB-ALC1

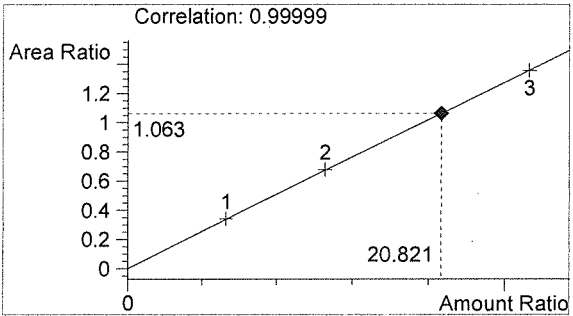
Location: Vial 31

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

Sample Info:

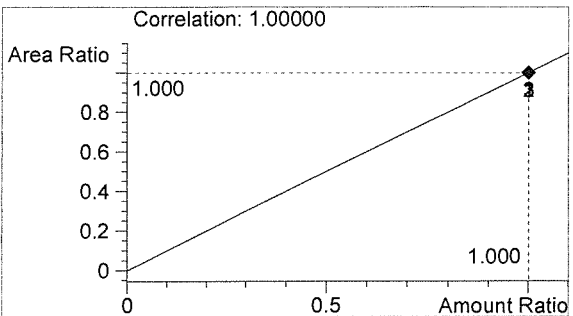


#	Compound	Peak Area	RT (min)
1	Ethanol	3084	1.084
2	n-Propanol	2901	1.764



Ethanol 0.250 g/100mL

PLW



n-Propanol 0.012 g/100mL

JK

Inj. Date: 2/28/2017 4:24:35 PM

Sample Name: 17021-2

Instrument: HSGC#1

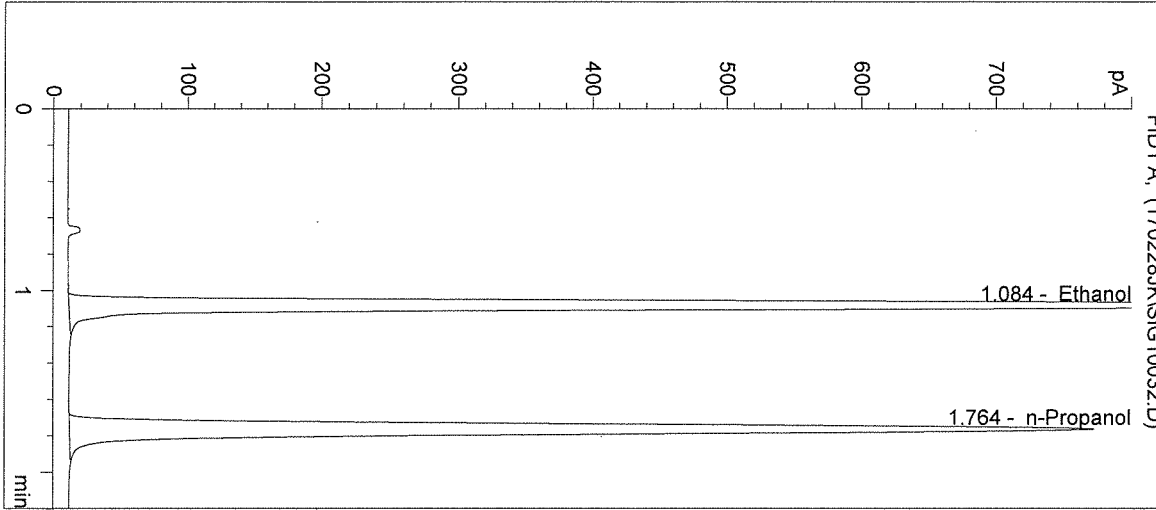
Operator: Justin Knoy

Column: DB-ALC1

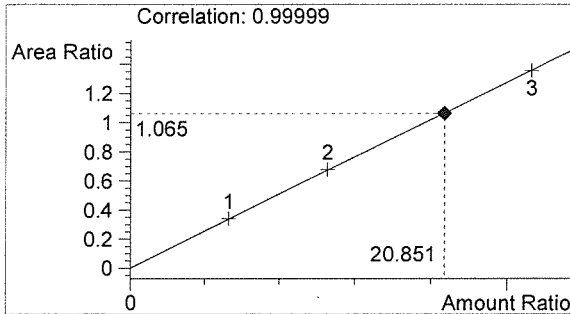
Location: Vial 32

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

Sample Info:

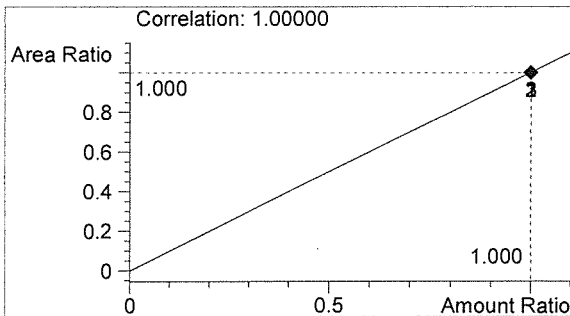


#	Compound	Peak Area	RT (min)
1	Ethanol	3041	1.084
2	n-Propanol	2855	1.764



Ethanol 0.250 g/100mL

AW



n-Propanol 0.012 g/100mL

JK

Inj. Date: 2/28/2017 4:27:48 PM

Sample Name: 17021-3

Instrument: HSGC#1

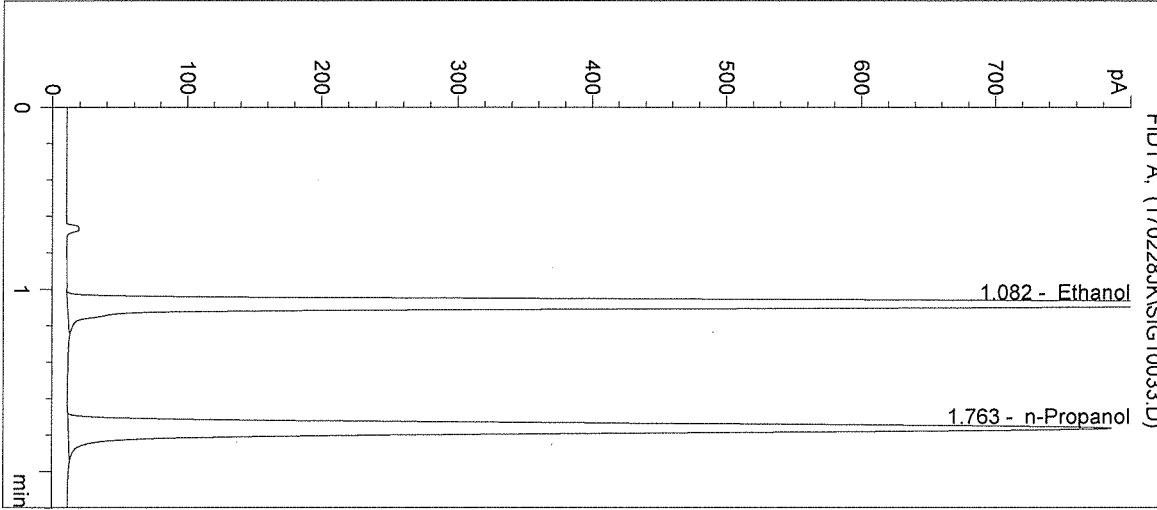
Operator: Justin Knoy

Column: DB-ALC1

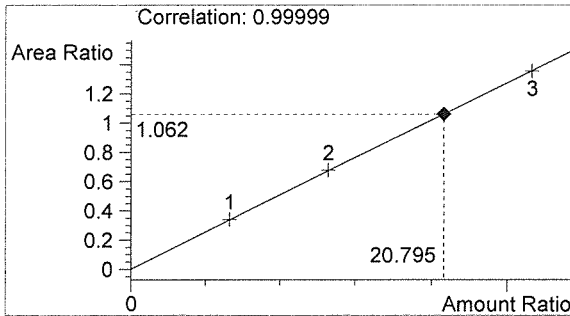
Location: Vial 33

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

Sample Info:

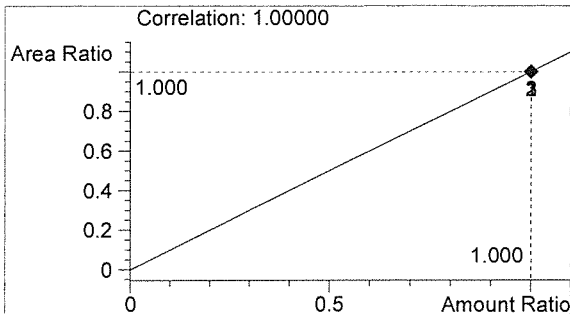


#	Compound	Peak Area	RT (min)
1	Ethanol	3085	1.082
2	n-Propanol	2905	1.763



Ethanol 0.250 g/100mL

BLW



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 2/28/2017 4:31:01 PM

Sample Name: 17021-4

Instrument: HSGC#1

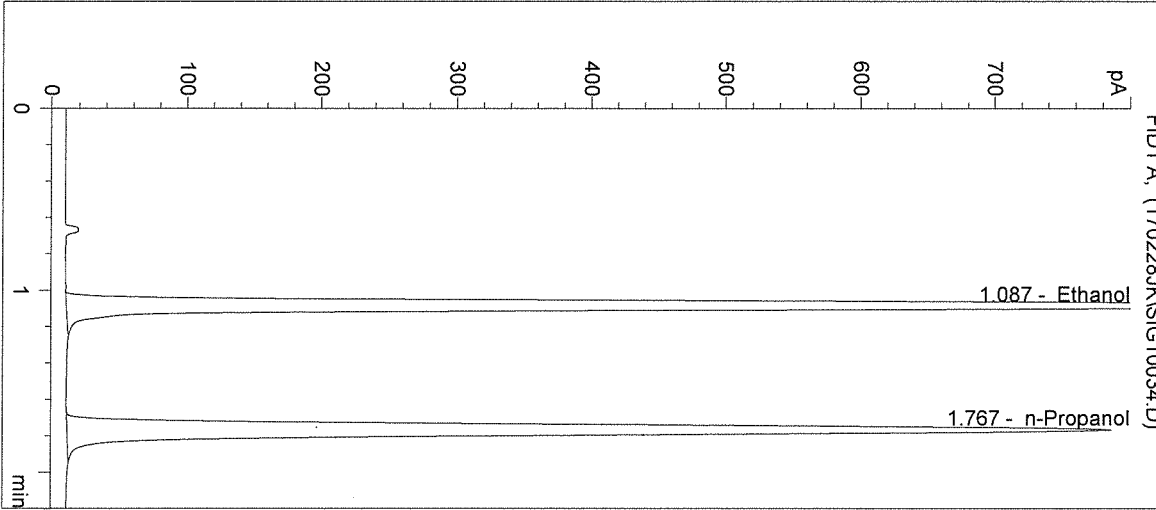
Operator: Justin Knoy

Column: DB-ALC1

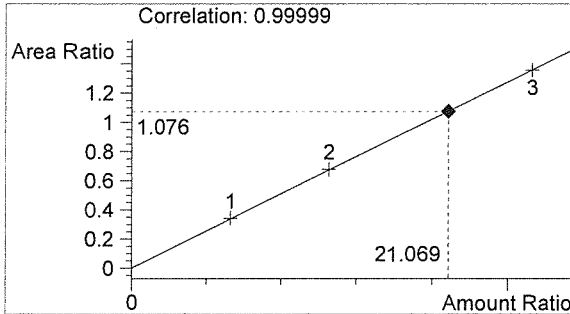
Location: Vial 34

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

Sample Info:

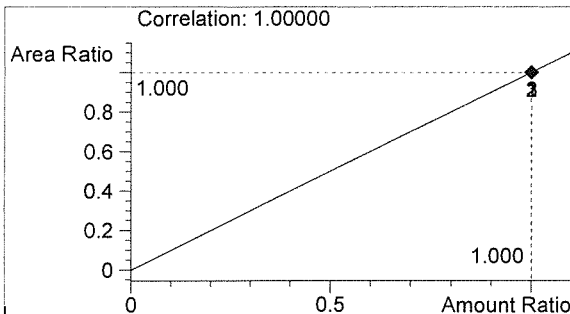


#	Compound	Peak Area	RT (min)
1	Ethanol	3162	1.087
2	n-Propanol	2939	1.767



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: 2/28/2017 4:34:15 PM

Sample Name: 17021-5

Instrument: HSGC#1

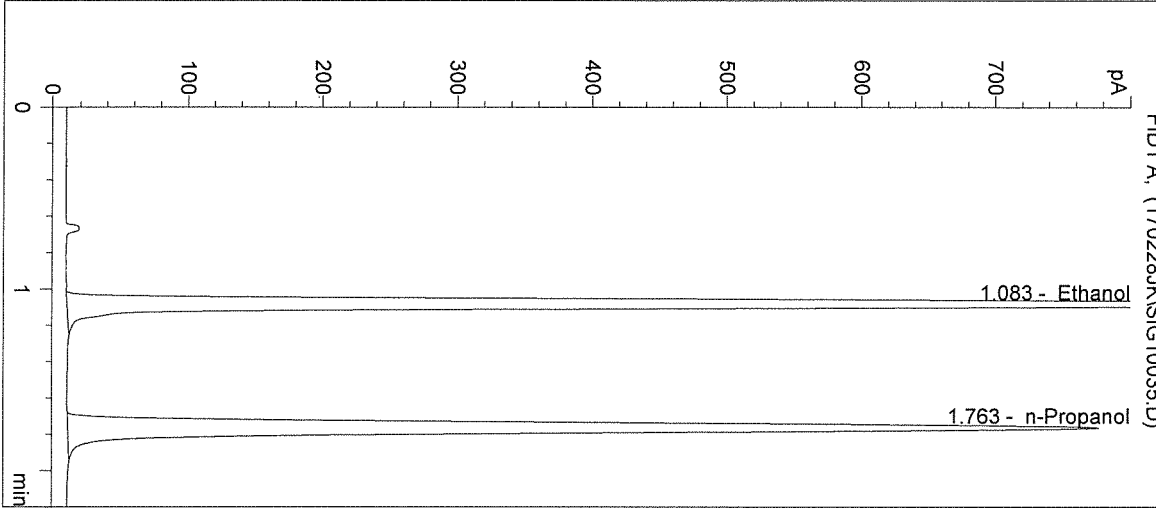
Operator: Justin Knoy

Column: DB-ALC1

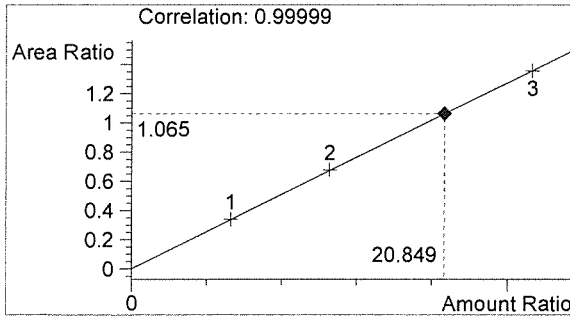
Location: Vial 35

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

Sample Info:

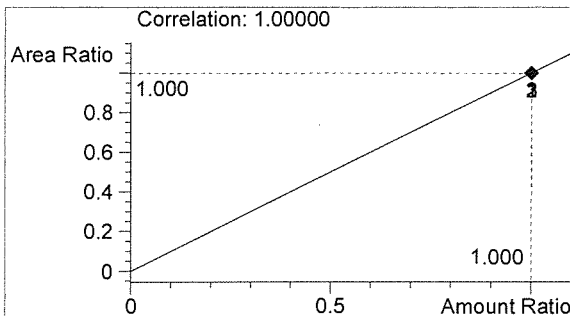


#	Compound	Peak Area	RT (min)
1	Ethanol	3067	1.083
2	n-Propanol	2880	1.763



Ethanol 0.250 g/100mL

PKW



n-Propanol 0.012 g/100mL

JK

Inj. Date: 2/28/2017 4:37:28 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

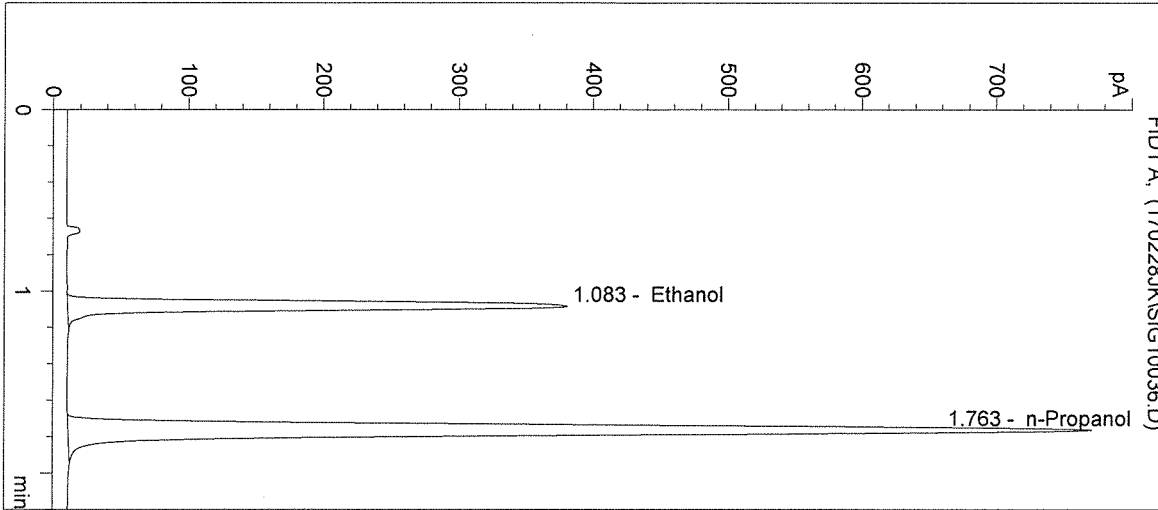
Operator: Justin Knoy

Column: DB-ALC1

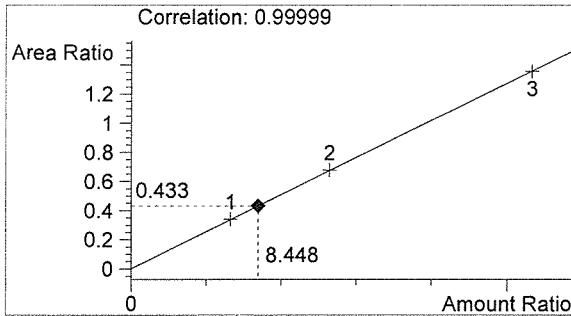
Location: Vial 36

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

Sample Info: 17021

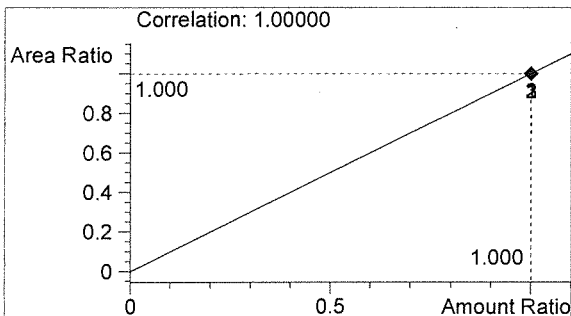


#	Compound	Peak Area	RT (min)
1	Ethanol	1238	1.083
2	n-Propanol	2859	1.763



Ethanol 0.101 g/100mL

BW



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 2/28/2017 4:40:42 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

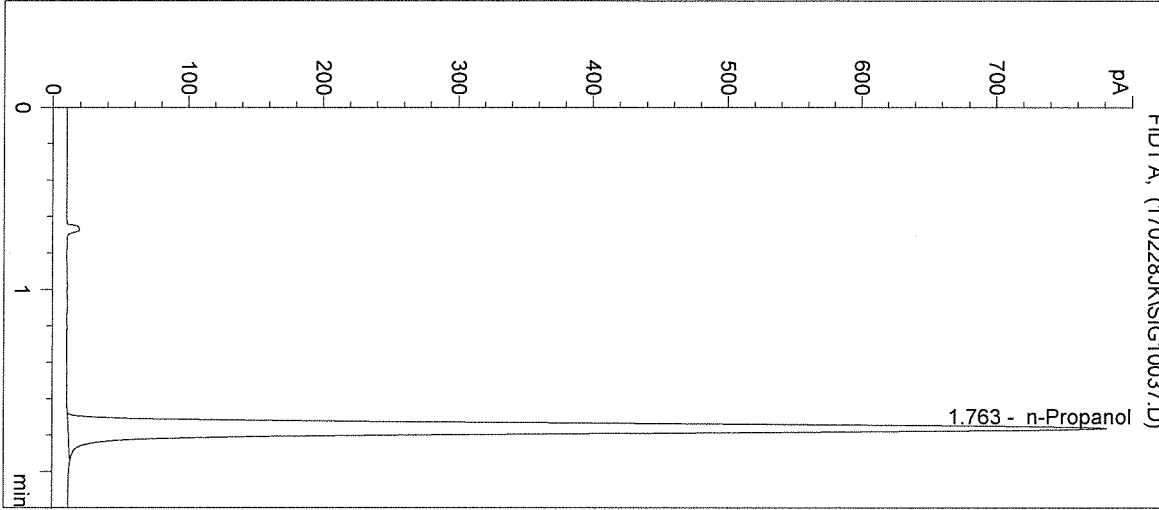
Operator: Justin Knoy

Column: DB-ALC1

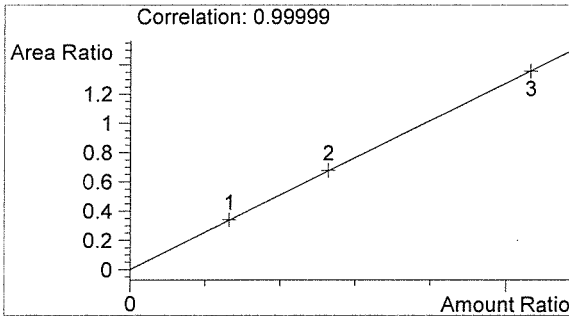
Location: Vial 37

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

Sample Info: 17021

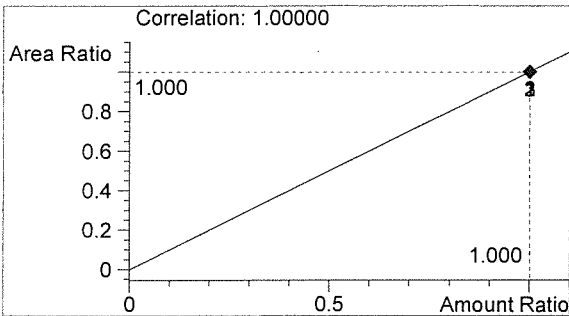


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2887	1.763



Ethanol 0.000 g/100mL

AKW



n-Propanol 0.012 g/100mL

JK