



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 17042

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: 05/08/2017
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Rebecca Flaherty

	RF	CM	AG
1	0.254	0.253	0.254
2	0.256	0.255	0.255
3	0.254	0.253	0.254
4	0.254	0.253	0.255
5	0.254	0.255	0.255
C	0.104	0.102	0.101

ETHANOL CONTROL INFORMATION

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

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.2543 g/100mL PRECISION CV (%): 0.35
STANDARD DEVIATION: 0.00088 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: 0.2067 g/210L
EXPANDED UNCERTAINTY: ± 0.0056 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Brittany Thomas
Brittany Thomas Forensic Scientist Supervisor

5/31/17
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
RF	Rebecca Flaherty	<u>[Signature]</u>	05/08/2017
CM	Christie Mitchell-Mata	<u>[Signature]</u>	05/09/2017
AG	Andrew Gingras	<u>[Signature]</u>	05/10/2017

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: 5-31-17

Location: WSP-FLSB Seattle, WA Solution Batch Number: 17042

	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: 5-31-17

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

QAP Solution Batch #: 17042

Date Prepared: 5/8/2017

Analyst:	RF	CM	AG
Date Tested:	5/8/2017	5/9/2017	5/10/2017
Instrument:	HSGC #1	HSGC #1	HSGC #1
1	0.254	0.253	0.254
2	0.256	0.255	0.255
3	0.254	0.253	0.254
4	0.254	0.253	0.255
5	0.254	0.255	0.255
C	0.104	0.102	0.101

CV ² _{COA}	CV ² _{QAP Solution}	CV ² _{Control}	CV ² _{Part Coef}
0.000084100	0.000008053	0.0000742713	0.0001016326

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

Average Solution Concentration: 0.2543 g/100mL
 Standard Deviation: 0.00088 g/100mL
 Precision CV (%): 0.35
 Equivalent Vapor Concentration: 0.2067 g/210L
 Combined Standard Uncertainty (±): 0.0028 g/210L
 Expanded Uncertainty (±): 0.0056 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Brittany Thomas Brittany Thomas 5/26/17
 Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 5-31-17 Method: Hand calculation
 Name Signature Date

Tech. review performed by: Brittany Thomas Brittany Thomas 5/26/17
 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	AG	5/20/17
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata	CM	5/20/17
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy		
Katie Harris		
Lyndsey Knoy		
Naziha Nuwayhid		
Rebecca Flaherty	RF	5/30/17

Batch # 17042 *PT* 5/20/17

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 17042**

I, Rebecca Flaherty, 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 degrees in Biochemistry and Psychobiology and MS degree in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 17042, was prepared in the Washington State Toxicology Laboratory on 5/8/2017. 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 5/8/2018.

Seattle, WA

 5/30/2017

Rebecca Flaherty

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 17042**

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 17042, was prepared in the Washington State Toxicology Laboratory on 5/8/2017. 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 5/8/2018.

Seattle, WA

 5/26/17

Christie Mitchell-Mata

Date

Forensic Toxicologist



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 17042**

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 17042, was prepared in the Washington State Toxicology Laboratory on 5/8/2017. 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 5/8/2018.

Seattle, WA

 5/20/2017

Andrew Gingras
Forensic Scientist

Date

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

Preparation Date: 5-8-17 Expiration Date: 5-8-18 Initials of Preparer: RFLot # of 200-proof Ethanol used in preparation: 2FE0139Date the 200-proof Ethanol bottle was opened: 4-12-17

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>17039</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>17040</u>
QAP 0.10	28.1	18	<input type="checkbox"/>	<u> </u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>17041</u>
QAP 0.20	56.1	18	<input checked="" type="checkbox"/>	<u>17042</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 5.8.17
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:

[Signature]
Analyst Signature

5.8.17
Date

17042

RF
5/24/17

Sequence Parameters:

Operator: Rebecca Flaherty
 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: 170508RF
 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#P0317 - Exp. 06/13/2017
 Diluter #1
 Calibration vials 1-9 filed with 17039.

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	17039-1	SIMALC1	1	Sample		
11	Vial 11	17039-2	SIMALC1	1	Sample		
12	Vial 12	17039-3	SIMALC1	1	Sample		
13	Vial 13	17039-4	SIMALC1	1	Sample		
14	Vial 14	17039-5	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	17040-1	SIMALC1	1	Sample		
18	Vial 18	17040-2	SIMALC1	1	Sample		
19	Vial 19	17040-3	SIMALC1	1	Sample		
20	Vial 20	17040-4	SIMALC1	1	Sample		
21	Vial 21	17040-5	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	17041-1	SIMALC1	1	Sample		
25	Vial 25	17041-2	SIMALC1	1	Sample		
26	Vial 26	17041-3	SIMALC1	1	Sample		

17042
 POT
 5/26/17

RF

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	17041-4	SIMALC1	1	Sample		
28	Vial 28	17041-5	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	17042-1	SIMALC1	1	Sample		
32	Vial 32	17042-2	SIMALC1	1	Sample		
33	Vial 33	17042-3	SIMALC1	1	Sample		
34	Vial 34	17042-4	SIMALC1	1	Sample		
35	Vial 35	17042-5	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	17043-1	SIMALC1	1	Sample		
39	Vial 39	17043-2	SIMALC1	1	Sample		
40	Vial 40	17043-3	SIMALC1	1	Sample		
41	Vial 41	17043-4	SIMALC1	1	Sample		
42	Vial 42	17043-5	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!

17042
 BT
 5/26/14

RF

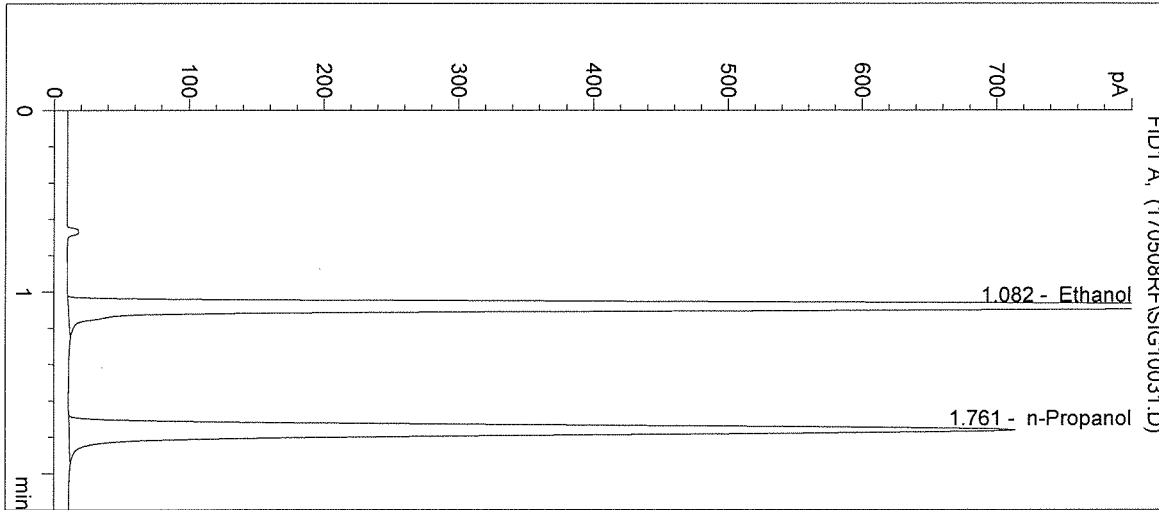
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/8/2017 3:18:10 PM
 Instrument: HSGC#1
 Column: DB-ALC1

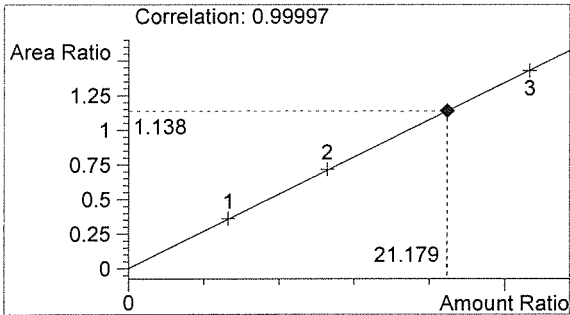
Sample Name: 17042-1
 Operator: Rebecca Flaherty
 Location: Vial 31

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

Sample Info:

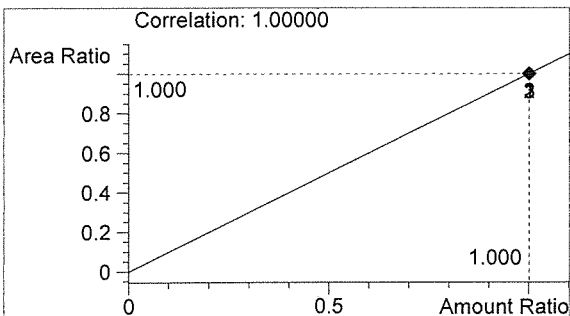


#	Compound	Peak Area	RT (min)
1	Ethanol	2979	1.082
2	n-Propanol	2617	1.761



Ethanol 0.254 g/100mL

RA



n-Propanol 0.012 g/100mL

RA

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

Inj. Date: 5/8/2017 3:21:23 PM

Sample Name: 17042-2

Instrument: HSGC#1

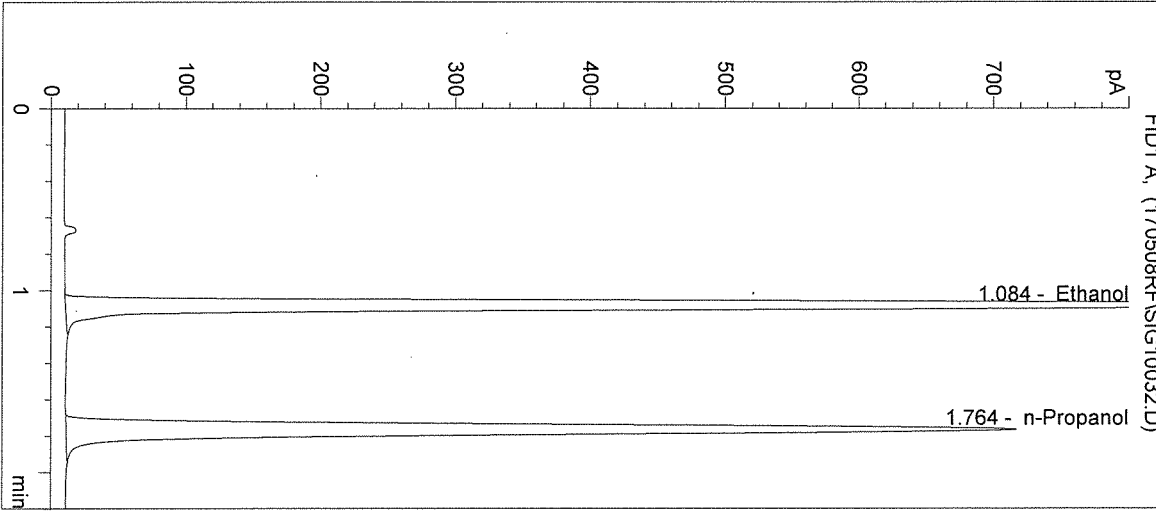
Operator: Rebecca Flaherty

Column: DB-ALC1

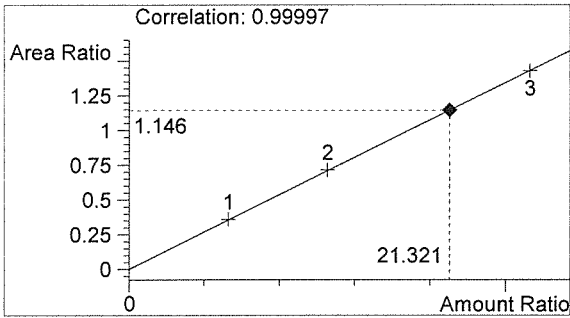
Location: Vial 32

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

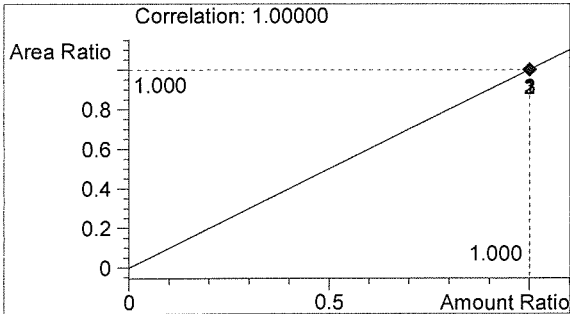
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	3013	1.084
2	n-Propanol	2629	1.764



Ethanol 0.256 g/100mL *RF*



n-Propanol 0.012 g/100mL

RF

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

Inj. Date: 5/8/2017 3:24:37 PM

Sample Name: 17042-3

Instrument: HSGC#1

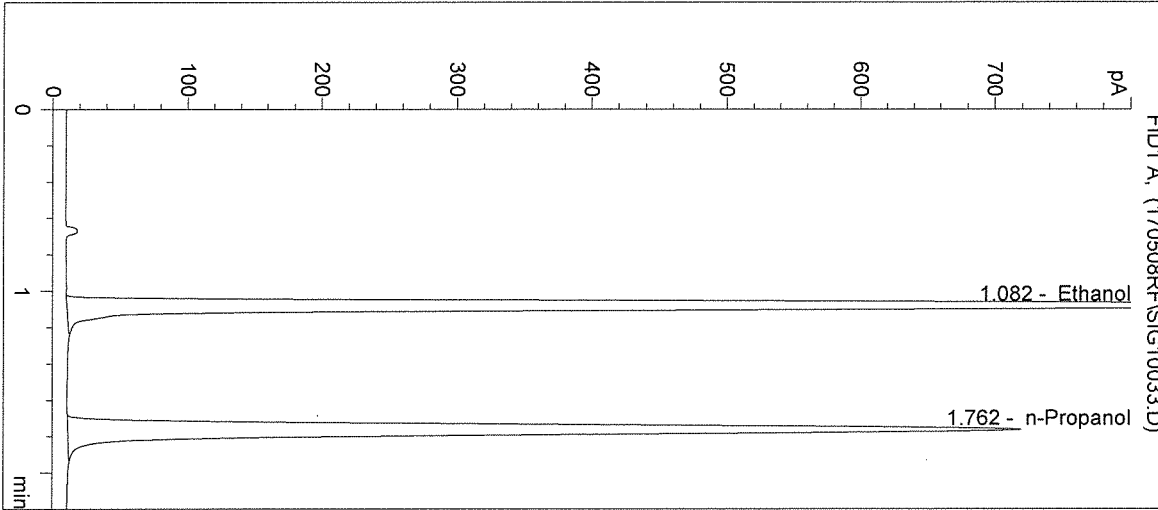
Operator: Rebecca Flaherty

Column: DB-ALC1

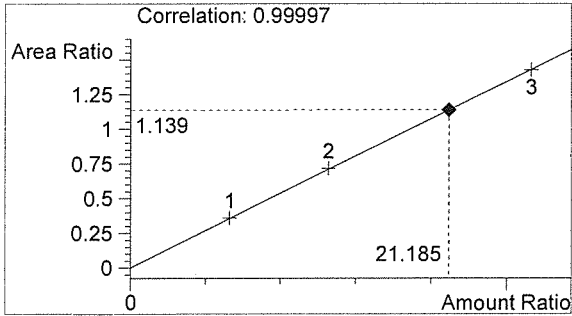
Location: Vial 33

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

Sample Info:

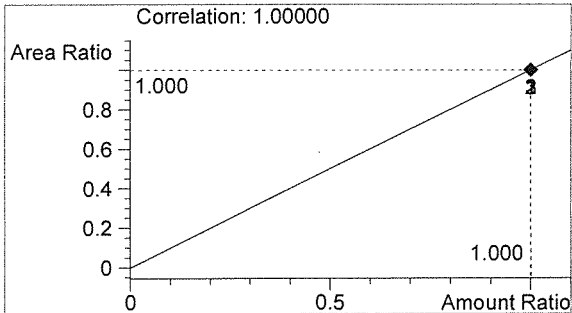


#	Compound	Peak Area	RT (min)
1	Ethanol	2991	1.082
2	n-Propanol	2627	1.762



Ethanol

0.254 g/100mL ✓



n-Propanol

0.012 g/100mL

RA

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

Inj. Date: 5/8/2017 3:27:50 PM

Sample Name: 17042-4

Instrument: HSGC#1

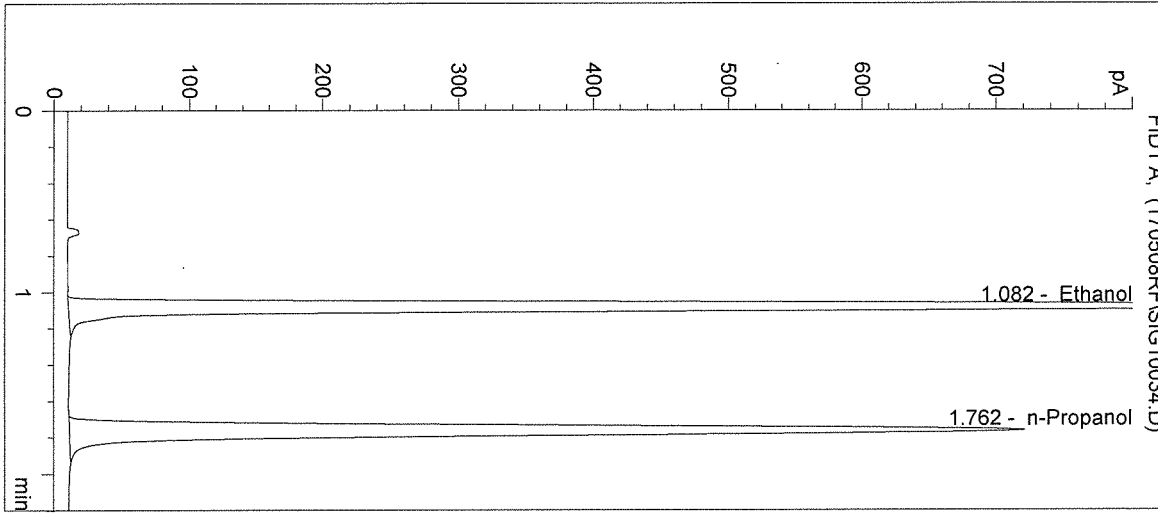
Operator: Rebecca Flaherty

Column: DB-ALC1

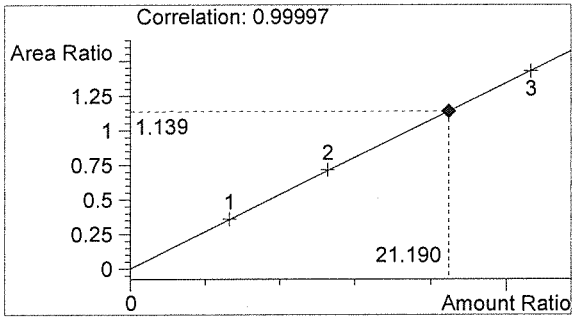
Location: Vial 34

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

Sample Info:

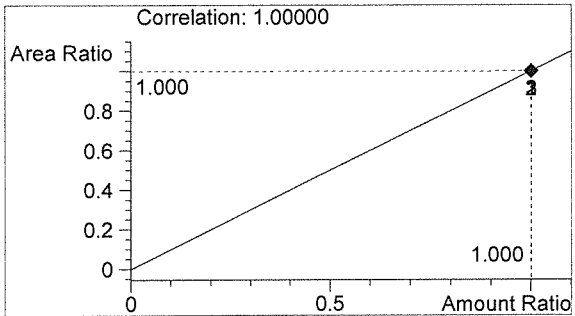


#	Compound	Peak Area	RT (min)
1	Ethanol	3002	1.082
2	n-Propanol	2636	1.762



Ethanol 0.254 g/100mL

RF



n-Propanol 0.012 g/100mL

RF

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

Inj. Date: 5/8/2017 3:31:03 PM

Sample Name: 17042-5

Instrument: HSGC#1

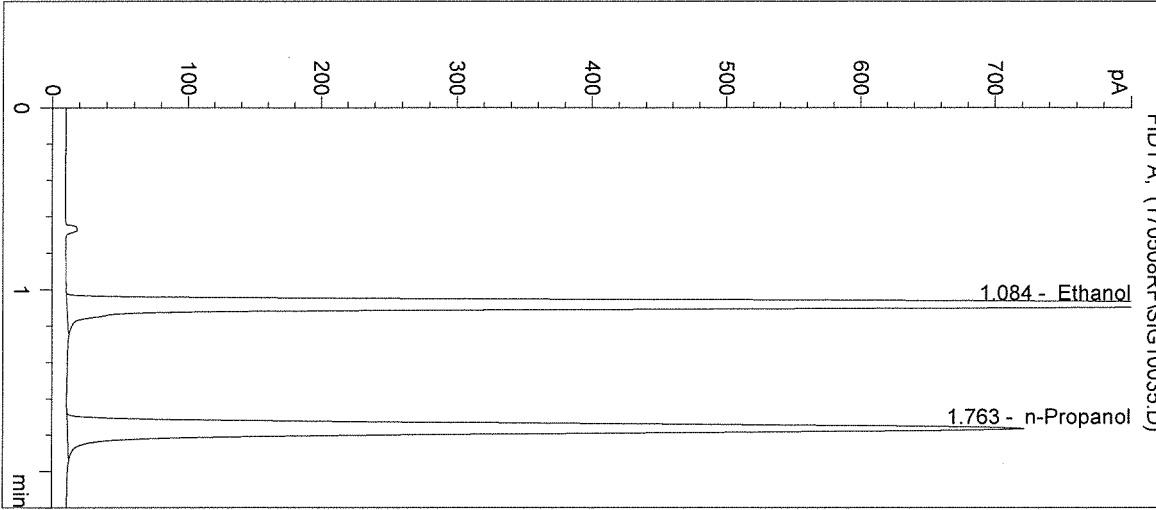
Operator: Rebecca Flaherty

Column: DB-ALC1

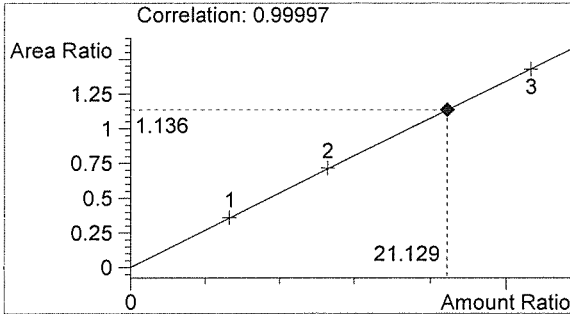
Location: Vial 35

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

Sample Info:

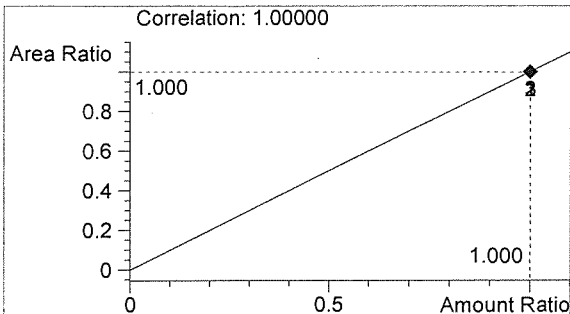


#	Compound	Peak Area	RT (min)
1	Ethanol	2999	1.084
2	n-Propanol	2640	1.763



Ethanol 0.254 g/100mL

RT



n-Propanol 0.012 g/100mL

RA

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

Inj. Date: 5/8/2017 3:34:17 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

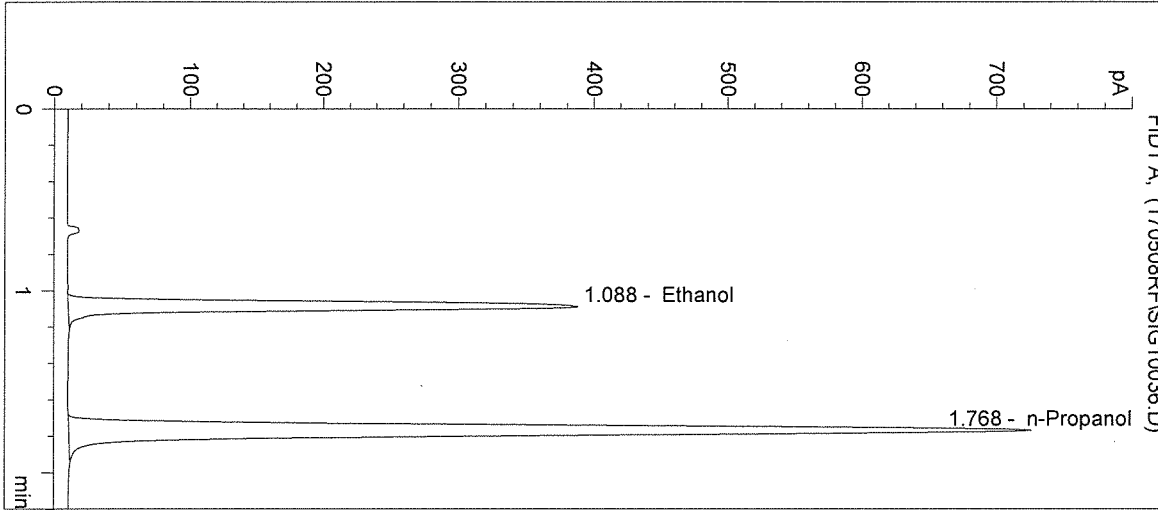
Operator: Rebecca Flaherty

Column: DB-ALC1

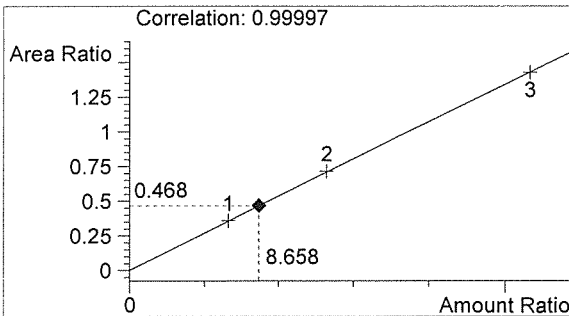
Location: Vial 36

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

Sample Info: 17042

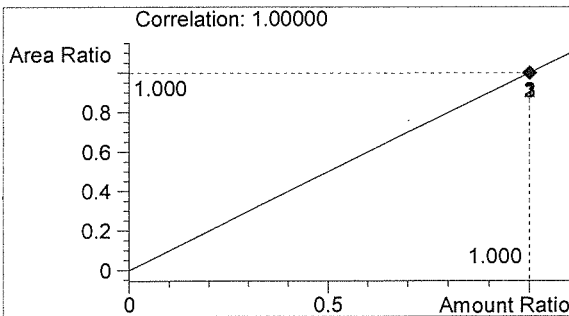


#	Compound	Peak Area	RT (min)
1	Ethanol	1254	1.088
2	n-Propanol	2679	1.768



Ethanol 0.104 g/100mL

RA



n-Propanol 0.012 g/100mL

RA

Inj. Date: 5/8/2017 3:37:30 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

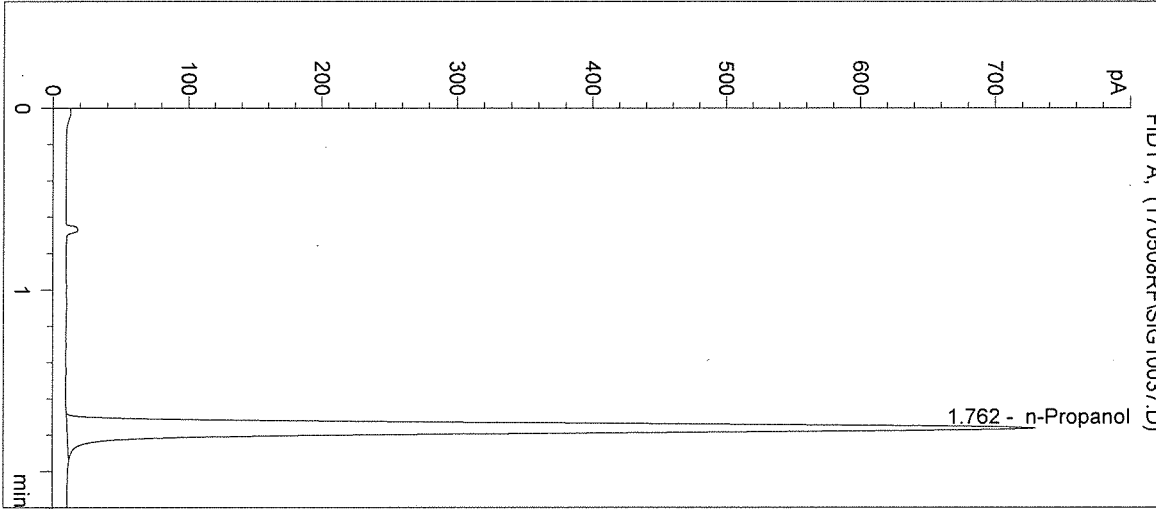
Operator: Rebecca Flaherty

Column: DB-ALC1

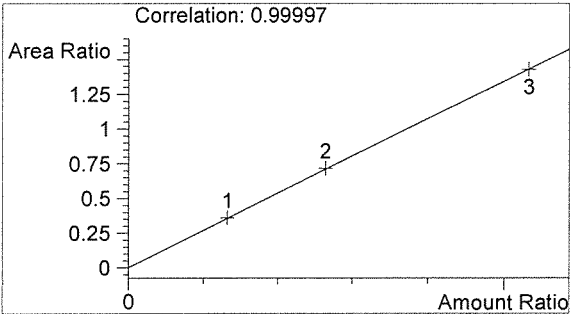
Location: Vial 37

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

Sample Info: 17042

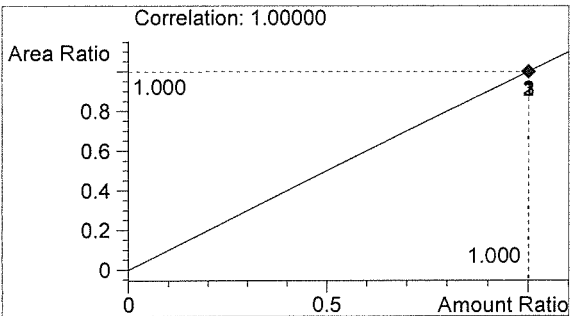


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2667	1.762



Ethanol 0.000 g/100mL

RF



n-Propanol 0.012 g/100mL

RF

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\1\DATA\
 Data Subdirectory: 170509C2
 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, E0217-01 - Exp. 08/21/17
 Ethanol Calibrator 2 0.158 g/100 mL, E0217-02 - Exp. 08/21/17
 Ethanol Calibrator 3 0.316 g/100 mL, E0217-03 - Exp. 08/21/17
 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#P0317 - Exp. 06/13/2017
 Dilutor #1
 Calibration 1-9 filed with 17039

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	17039 #1	SIMALC1	1	Sample		
11	Vial 11	17039 #2	SIMALC1	1	Sample		
12	Vial 12	17039 #3	SIMALC1	1	Sample		
13	Vial 13	17039 #4	SIMALC1	1	Sample		
14	Vial 14	17039 #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	17040 #1	SIMALC1	1	Sample		
18	Vial 18	17040 #2	SIMALC1	1	Sample		
19	Vial 19	17040 #3	SIMALC1	1	Sample		
20	Vial 20	17040 #4	SIMALC1	1	Sample		
21	Vial 21	17040 #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	17041 #1	SIMALC1	1	Sample		
25	Vial 25	17041 #2	SIMALC1	1	Sample		
26	Vial 26	17041 #3	SIMALC1	1	Sample		

17042

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Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	17041 #4	SIMALC1	1	Sample		
28	Vial 28	17041 #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	17042 #1	SIMALC1	1	Sample		
32	Vial 32	17042 #2	SIMALC1	1	Sample		
33	Vial 33	17042 #3	SIMALC1	1	Sample		
34	Vial 34	17042 #4	SIMALC1	1	Sample		
35	Vial 35	17042 #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	17043 #1	SIMALC1	1	Sample		
39	Vial 39	17043 #2	SIMALC1	1	Sample		
40	Vial 40	17043 #3	SIMALC1	1	Sample		
41	Vial 41	17043 #4	SIMALC1	1	Sample		
42	Vial 42	17043 #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!

17042

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5/26/17

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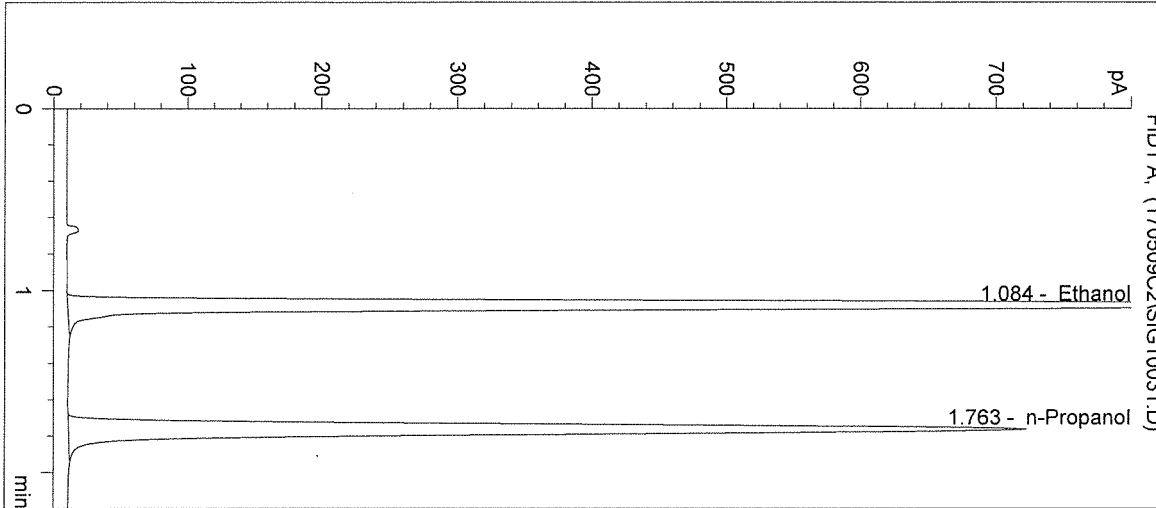
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2017 2:54:54 PM
 Instrument: HSGC#1
 Column: DB-ALC1

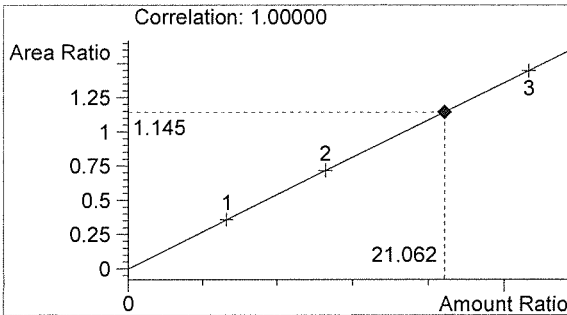
Sample Name: 17042 #1
 Operator: Christie Mitchell-Mata
 Location: Vial 31

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

Sample Info:

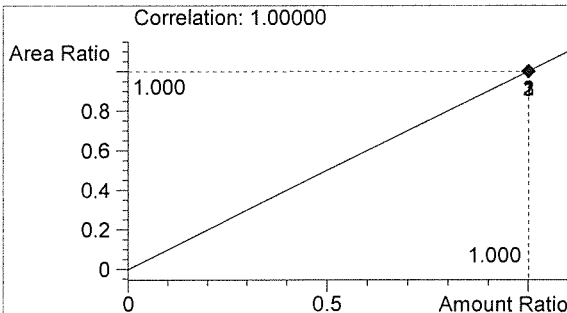


#	Compound	Peak Area	RT (min)
1	Ethanol	3027	1.084
2	n-Propanol	2644	1.763



Ethanol 0.253 g/100mL

PK



n-Propanol 0.012 g/100mL

W

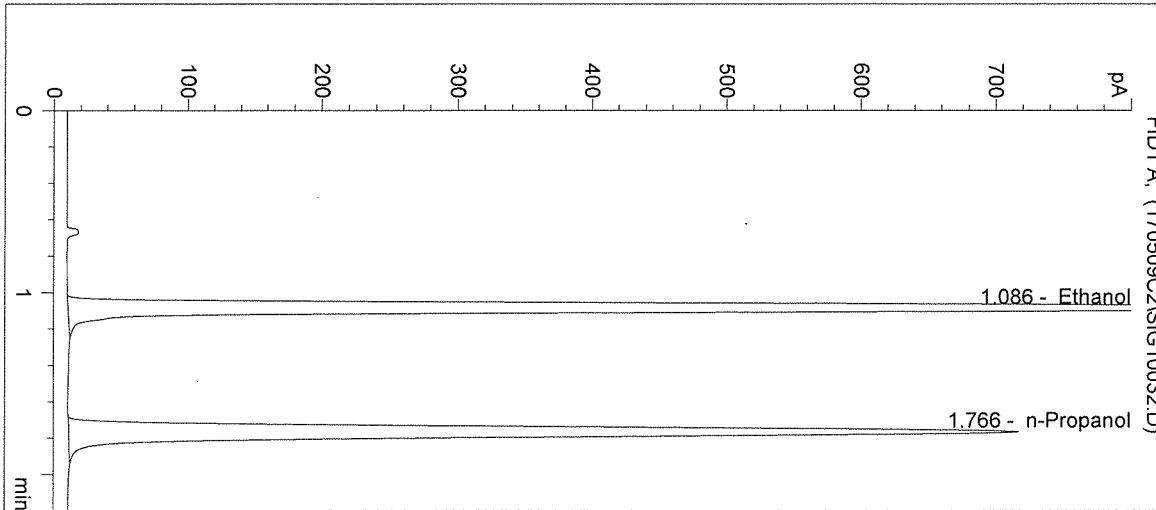
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2017 2:58:07 PM
Instrument: HSGC#1
Column: DB-ALC1

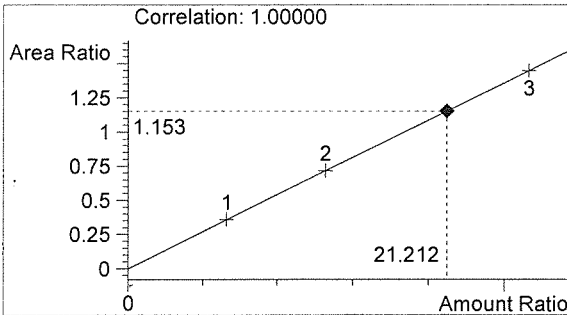
Sample Name: 17042 #2
Operator: Christie Mitchell-Mata
Location: Vial 32

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

Sample Info:

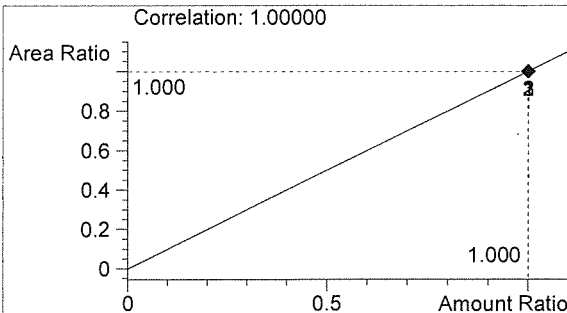


#	Compound	Peak Area	RT (min)
1	Ethanol	3039	1.086
2	n-Propanol	2636	1.766



Ethanol 0.255 g/100mL

pat



n-Propanol 0.012 g/100mL

W

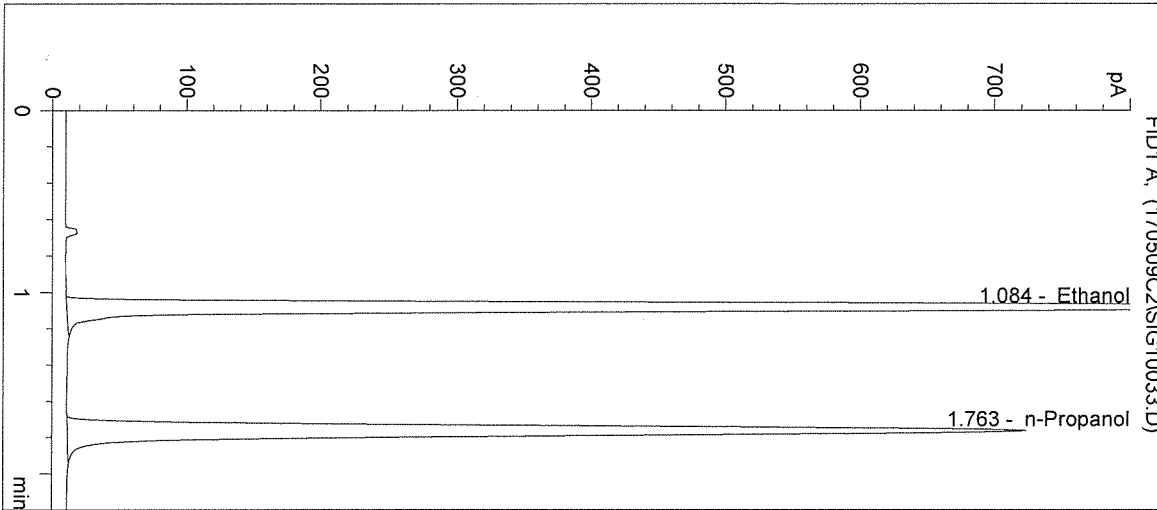
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2017 3:01:21 PM
Instrument: HSGC#1
Column: DB-ALC1

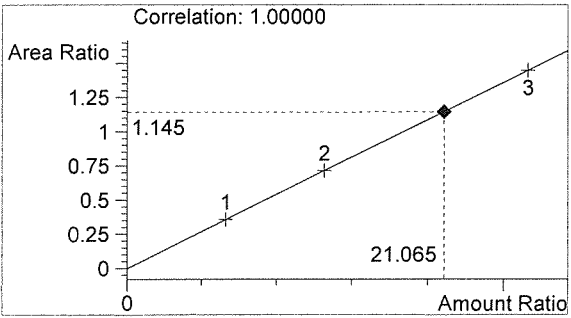
Sample Name: 17042 #3
Operator: Christie Mitchell-Mata
Location: Vial 33

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

Sample Info:

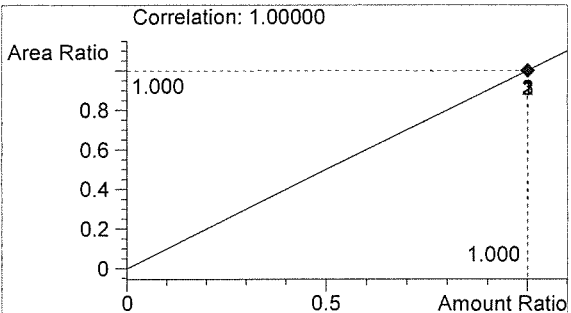


#	Compound	Peak Area	RT (min)
1	Ethanol	3026	1.084
2	n-Propanol	2643	1.763



Ethanol 0.253 g/100mL

BS



n-Propanol 0.012 g/100mL

m

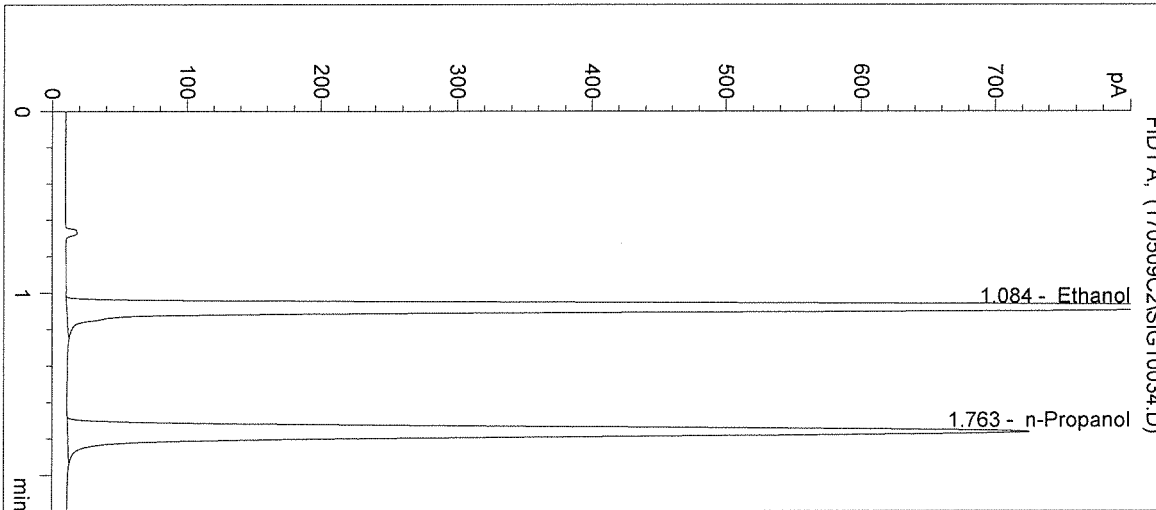
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2017 3:04:34 PM
 Instrument: HSGC#1
 Column: DB-ALC1

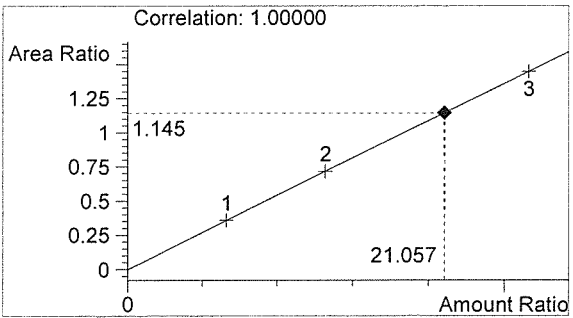
Sample Name: 17042 #4
 Operator: Christie Mitchell-Mata
 Location: Vial 34

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

Sample Info:

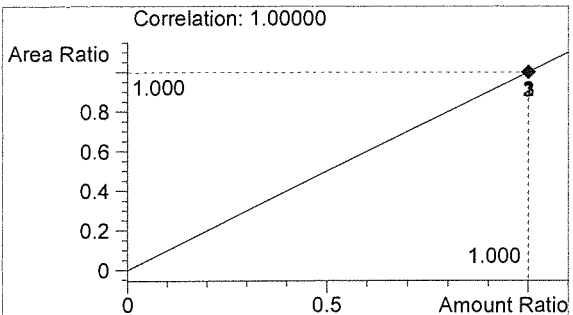


#	Compound	Peak Area	RT (min)
1	Ethanol	3034	1.084
2	n-Propanol	2651	1.763



Ethanol 0.253 g/100mL

BT



n-Propanol 0.012 g/100mL

W

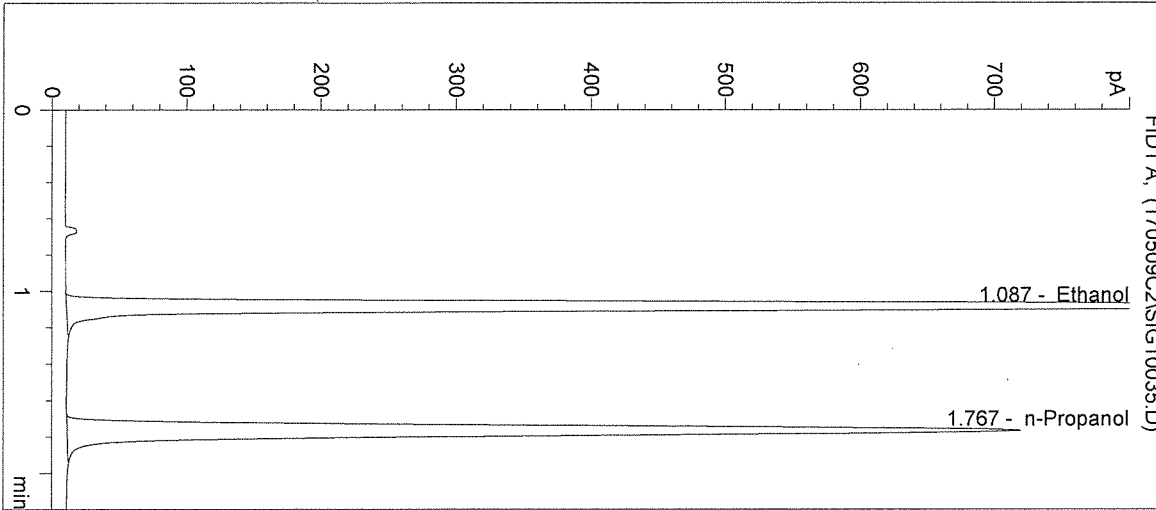
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2017 3:07:47 PM
 Instrument: HSGC#1
 Column: DB-ALC1

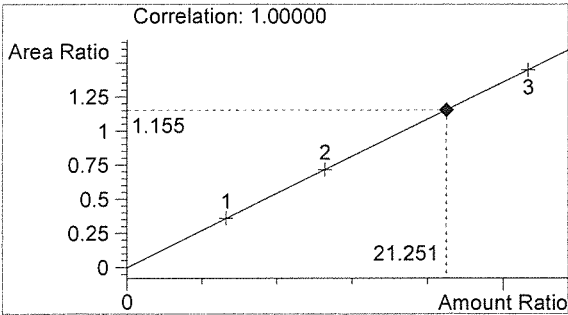
Sample Name: 17042 #5
 Operator: Christie Mitchell-Mata
 Location: Vial 35

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

Sample Info:

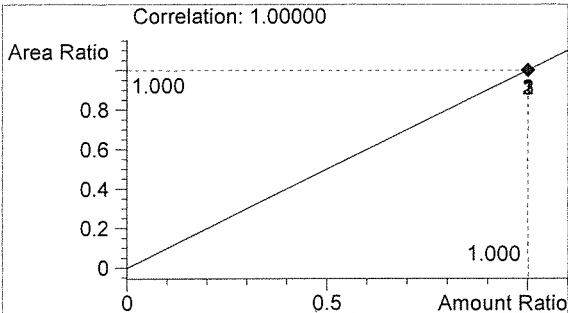


#	Compound	Peak Area	RT (min)
1	Ethanol	3058	1.087
2	n-Propanol	2648	1.767



Ethanol 0.255 g/100mL

BA



n-Propanol 0.012 g/100mL

W

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

Inj. Date: 5/9/2017 3:11:01 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

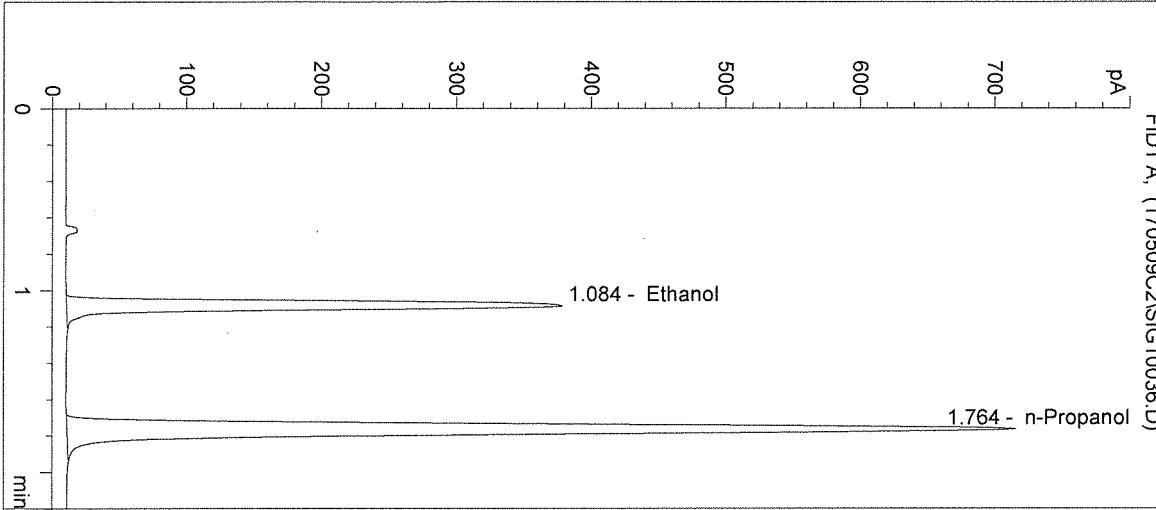
Operator: Christie Mitchell-Mata

Column: DB-ALC1

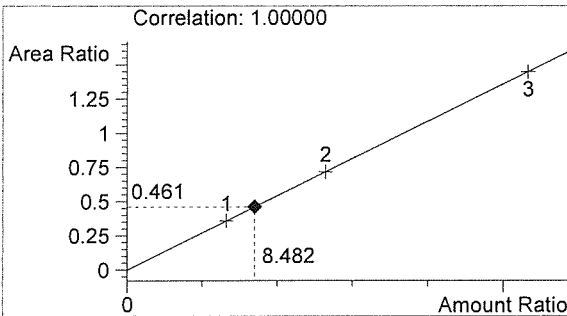
Location: Vial 36

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

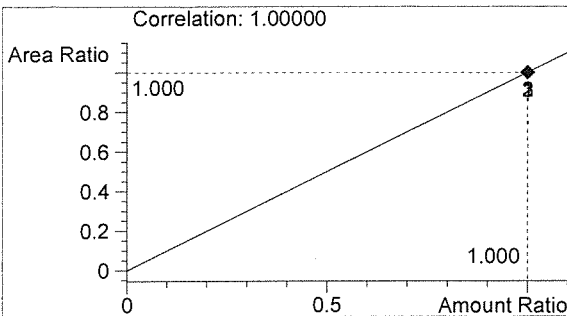
Sample Info: 17042



#	Compound	Peak Area	RT (min)
1	Ethanol	1206	1.084
2	n-Propanol	2615	1.764



Ethanol 0.102 g/100mL *WST*



n-Propanol 0.012 g/100mL

W

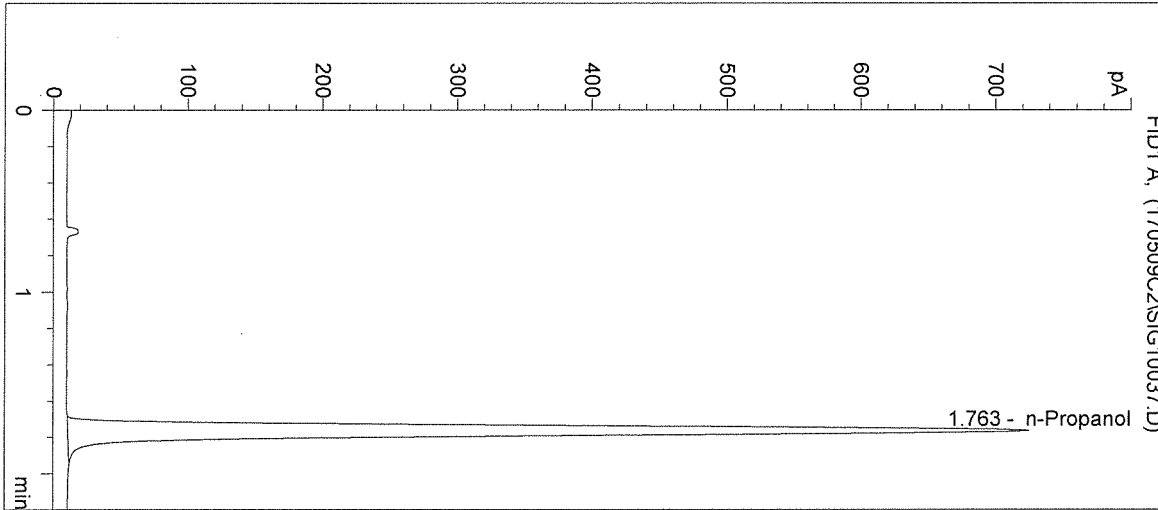
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2017 3:14:13 PM
Instrument: HSGC#1

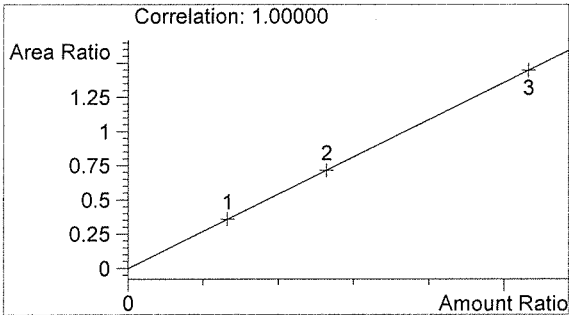
Sample Name: Negative CTRL
Operator: Christie Mitchell-Mata
Location: Vial 37

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

Sample Info: 17042

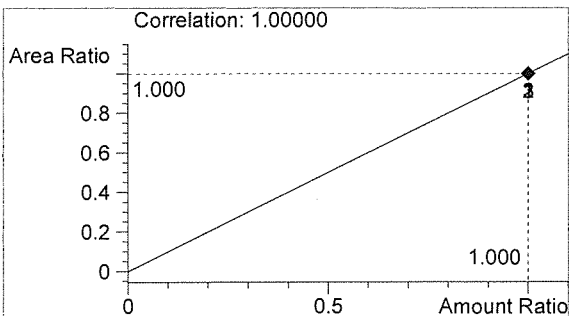


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2653	1.763



Ethanol 0.000 g/100mL

Handwritten initials



n-Propanol 0.012 g/100mL

Handwritten initials

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: 170510AG
 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#P0317 - Exp. 06/13/2017
 Diluter #1
 Calibration vials 1-9 filed with 17039.

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	17039-1	SIMALC1	1	Sample		
11	Vial 11	17039-2	SIMALC1	1	Sample		
12	Vial 12	17039-3	SIMALC1	1	Sample		
13	Vial 13	17039-4	SIMALC1	1	Sample		
14	Vial 14	17039-5	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	17040-1	SIMALC1	1	Sample		
18	Vial 18	17040-2	SIMALC1	1	Sample		
19	Vial 19	17040-3	SIMALC1	1	Sample		
20	Vial 20	17040-4	SIMALC1	1	Sample		
21	Vial 21	17040-5	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	17041-1	SIMALC1	1	Sample		
25	Vial 25	17041-2	SIMALC1	1	Sample		
26	Vial 26	17041-3	SIMALC1	1	Sample		

17042
 DG
 5/26/17

Sequence printed
 5/11/17, last
 batch run 5/10/17
 5/20/17

JG

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	17041-4	SIMALC1	1	Sample		
28	Vial 28	17041-5	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	17042-1	SIMALC1	1	Sample		
32	Vial 32	17042-2	SIMALC1	1	Sample		
33	Vial 33	17042-3	SIMALC1	1	Sample		
34	Vial 34	17042-4	SIMALC1	1	Sample		
35	Vial 35	17042-5	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	17043-1	SIMALC1	1	Sample		
39	Vial 39	17043-2	SIMALC1	1	Sample		
40	Vial 40	17043-3	SIMALC1	1	Sample		
41	Vial 41	17043-4	SIMALC1	1	Sample		
42	Vial 42	17043-5	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!

17042

AT
5/26/17

Sequence printed
5/11/17, but batch
run 5/12/17
5/26/17

AG

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

Inj. Date: 5/10/2017 5:16:03 PM

Sample Name: 17042-1

Instrument: HSGC#1

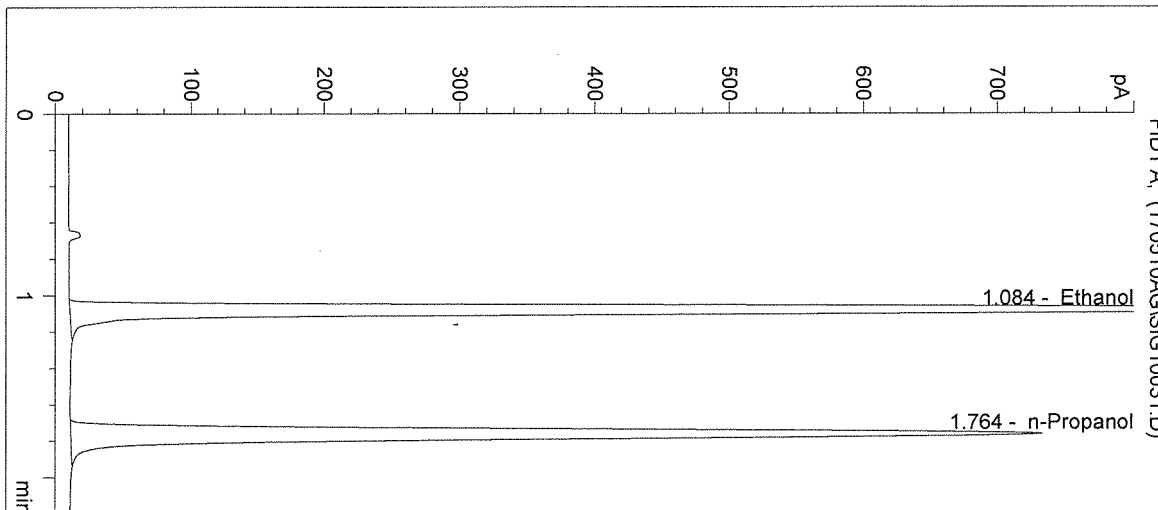
Operator: Andrew Gingras

Column: DB-ALC1

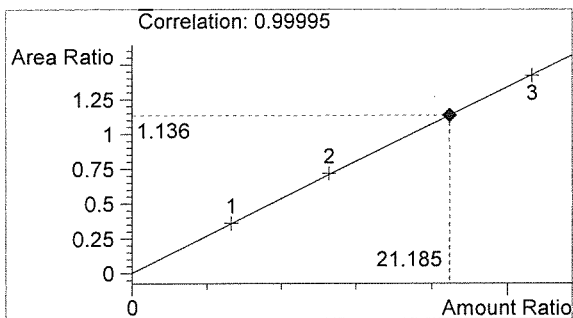
Location: Vial 31

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

Sample Info:

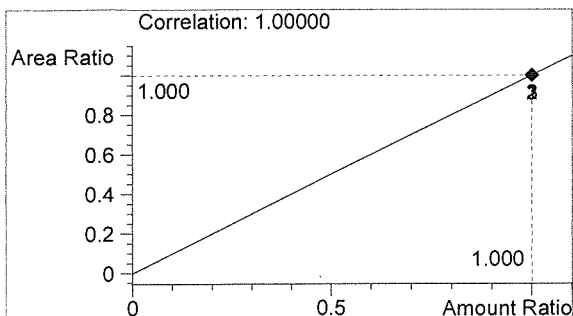


#	Compound	Peak Area	RT (min)
1	Ethanol	3035	1.084
2	n-Propanol	2672	1.764



Ethanol 0.254 g/100mL

MG



n-Propanol 0.012 g/100mL

AG

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

Inj. Date: 5/10/2017 5:19:16 PM

Sample Name: 17042-2

Instrument: HSGC#1

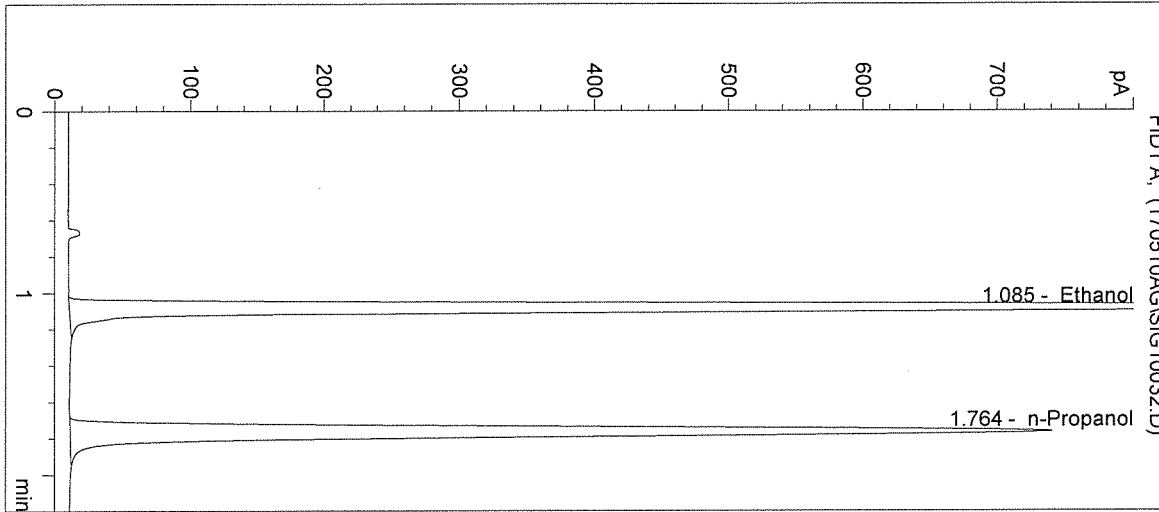
Operator: Andrew Gingras

Column: DB-ALC1

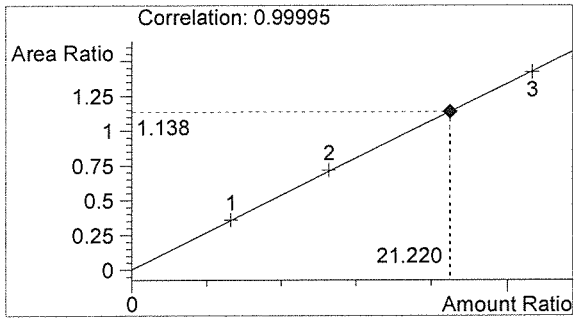
Location: Vial 32

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

Sample Info:

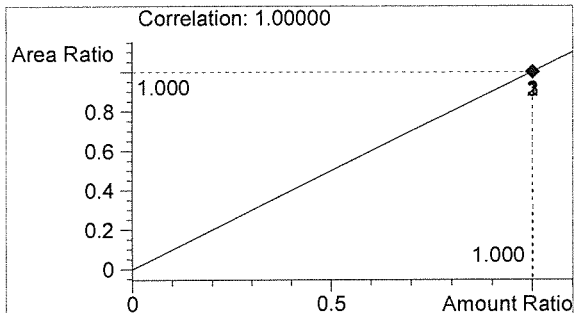


#	Compound	Peak Area	RT (min)
1	Ethanol	3078	1.085
2	n-Propanol	2705	1.764



Ethanol 0.255 g/100mL

Handwritten signature



n-Propanol 0.012 g/100mL

Handwritten signature

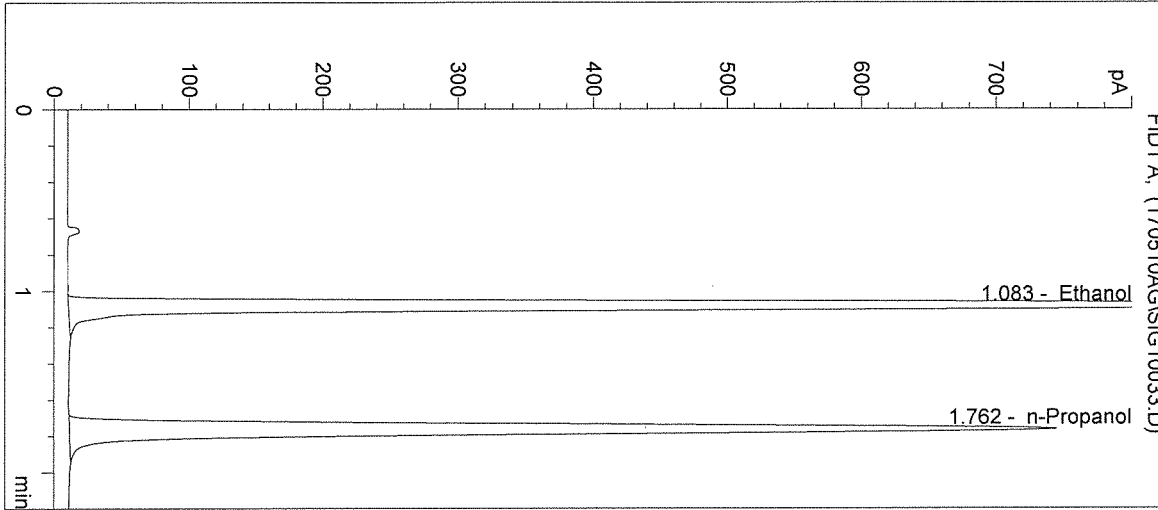
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/10/2017 5:22:29 PM
Instrument: HSGC#1
Column: DB-ALC1

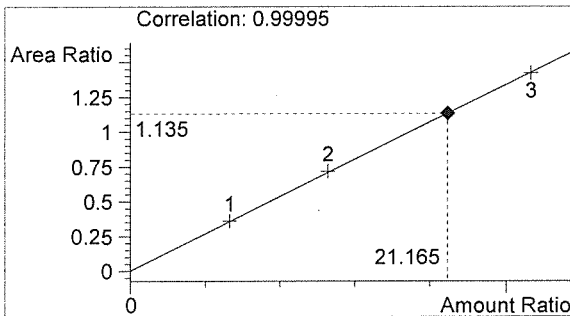
Sample Name: 17042-3
Operator: Andrew Gingras
Location: Vial 33

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

Sample Info:

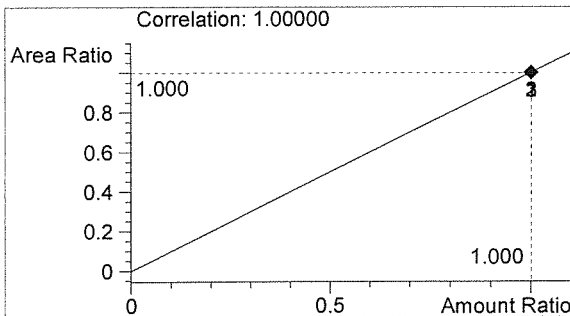


#	Compound	Peak Area	RT (min)
1	Ethanol	3082	1.083
2	n-Propanol	2716	1.762



Ethanol 0.254 g/100mL

AG



n-Propanol 0.012 g/100mL

AG

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

Inj. Date: 5/10/2017 5:25:42 PM

Sample Name: 17042-4

Instrument: HSGC#1

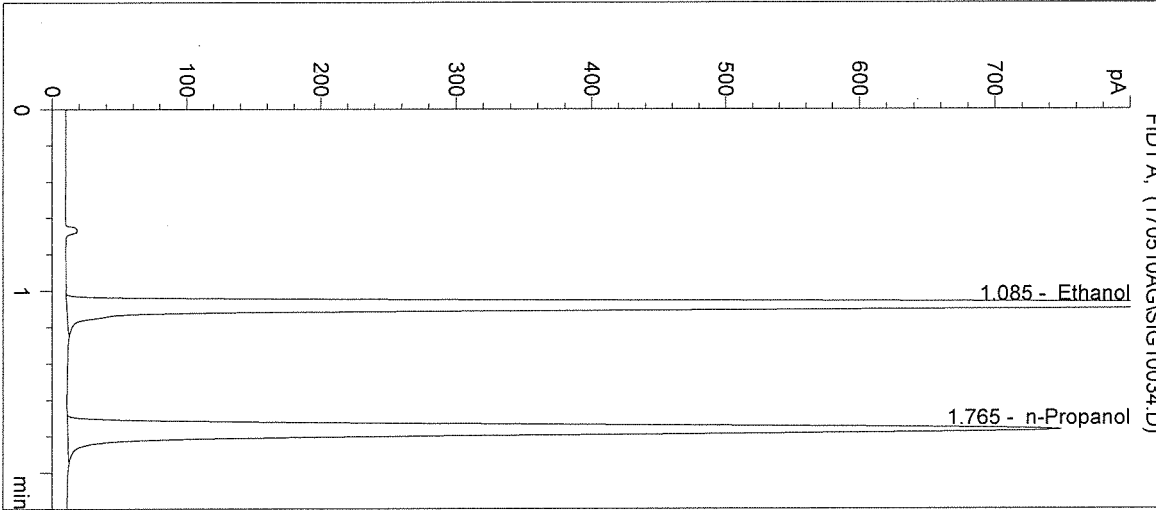
Operator: Andrew Gingras

Column: DB-ALC1

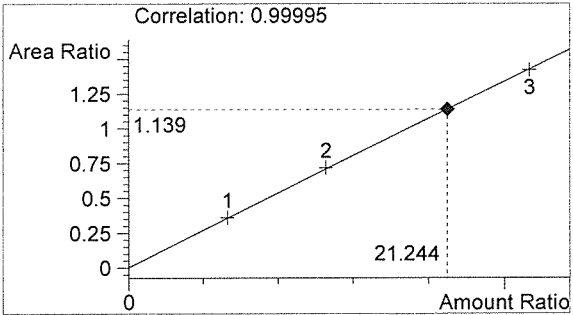
Location: Vial 34

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

Sample Info:

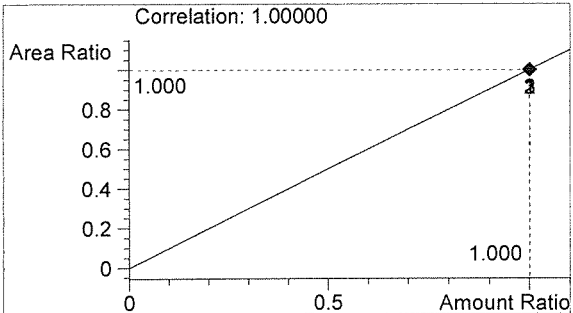


#	Compound	Peak Area	RT (min)
1	Ethanol	3124	1.085
2	n-Propanol	2743	1.765



Ethanol 0.255 g/100mL

AG



n-Propanol 0.012 g/100mL

AG

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

Inj. Date: 5/10/2017 5:28:56 PM

Sample Name: 17042-5

Instrument: HSGC#1

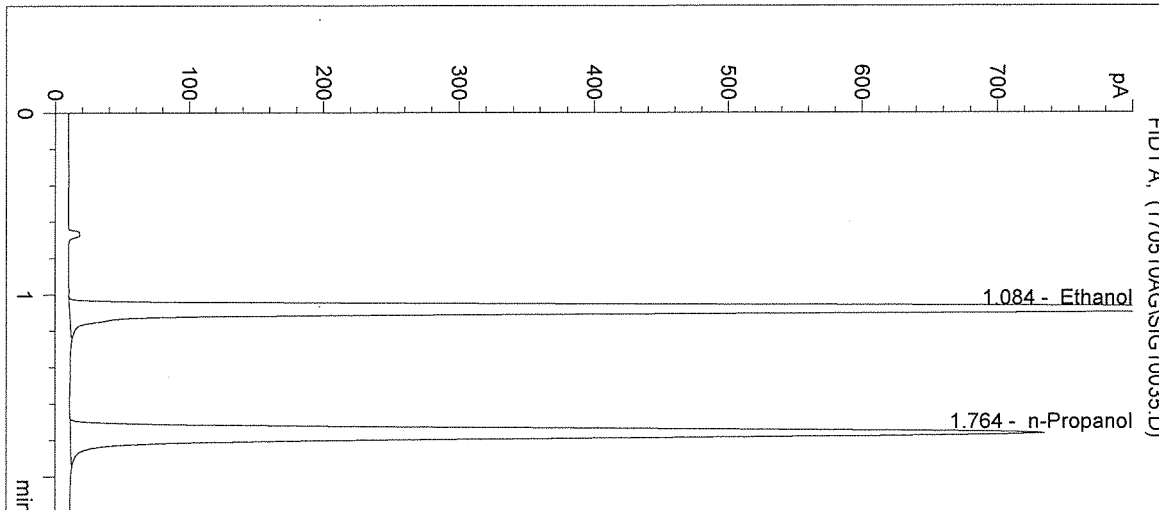
Operator: Andrew Gingras

Column: DB-ALC1

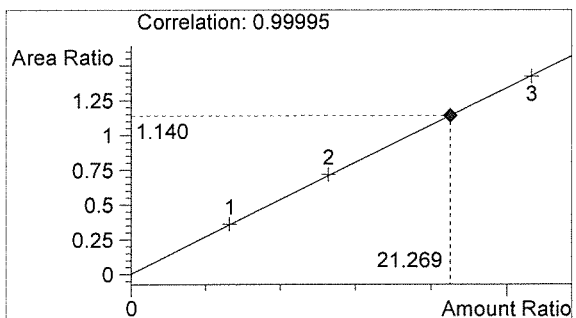
Location: Vial 35

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

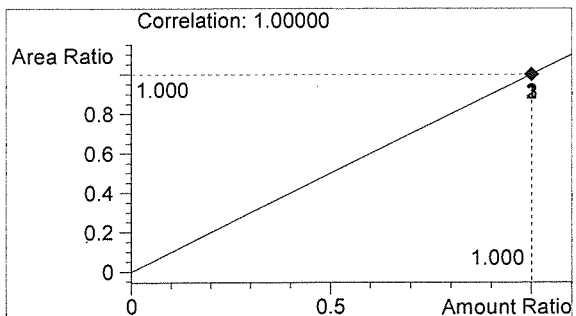
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	3062	1.084
2	n-Propanol	2685	1.764



Ethanol 0.255 g/100mL *MA*



n-Propanol 0.012 g/100mL

AG

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

Inj. Date: 5/10/2017 5:32:09 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

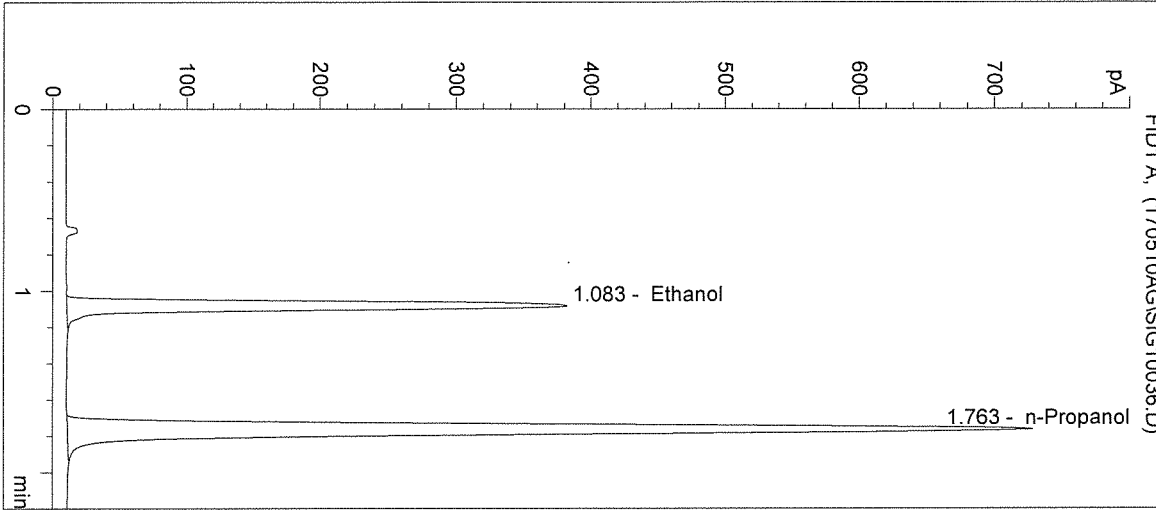
Operator: Andrew Gingras

Column: DB-ALC1

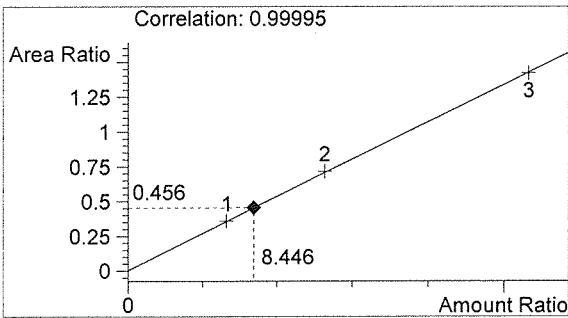
Location: Vial 36

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

Sample Info: 17042

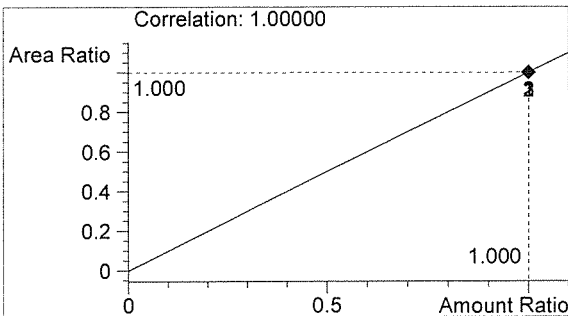


#	Compound	Peak Area	RT (min)
1	Ethanol	1211	1.083
2	n-Propanol	2654	1.763



Ethanol 0.101 g/100mL

BT



n-Propanol 0.012 g/100mL

JB

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

Inj. Date: 5/10/2017 5:35:22 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

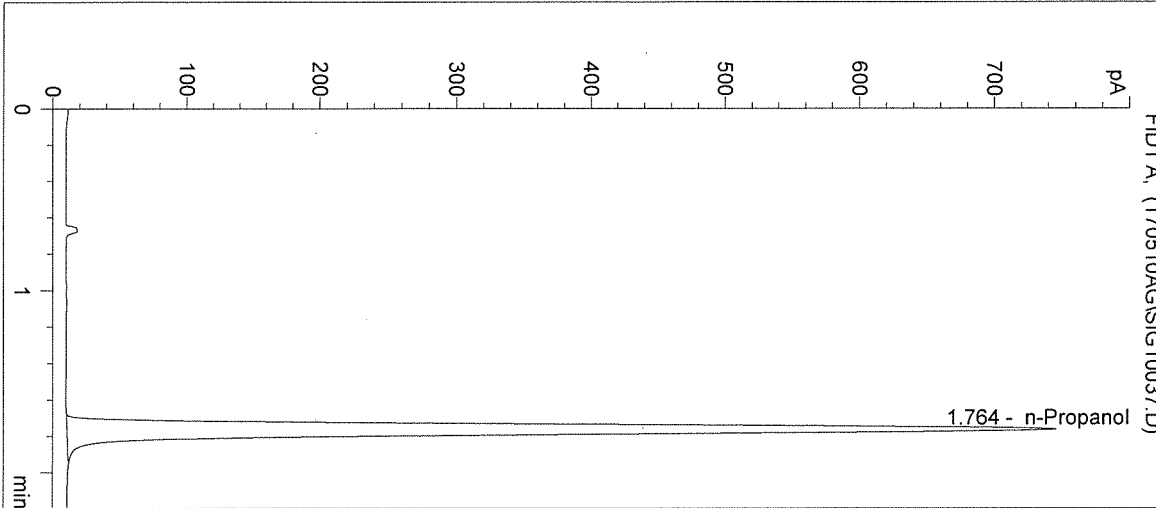
Operator: Andrew Gingras

Column: DB-ALC1

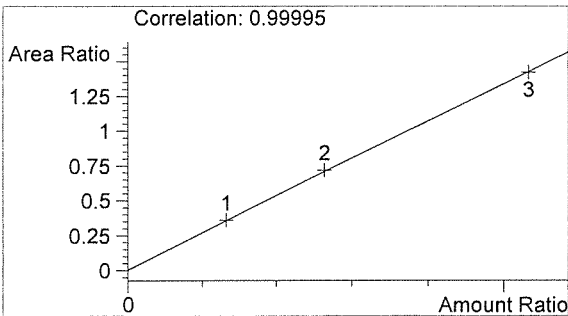
Location: Vial 37

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

Sample Info: 17042

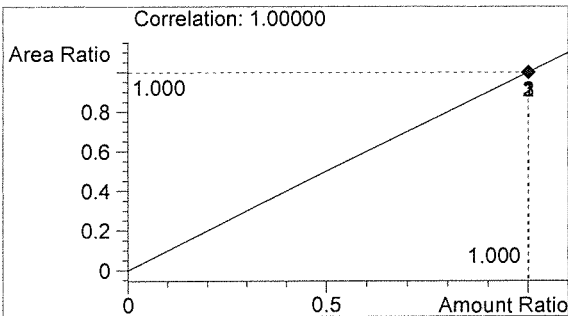


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2731	1.764



Ethanol 0.000 g/100mL

Handwritten initials



n-Propanol 0.012 g/100mL

Handwritten signature