



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 15056

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: 11/13/2015
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Justin L. Knoy

	JLK	AG	CM
1	0.254	0.252	0.255
2	0.254	0.254	0.253
3	0.254	0.253	0.253
4	0.255	0.255	0.254
5	0.255	0.255	0.253
C	0.103	0.103	0.102

ETHANOL CONTROL INFORMATION

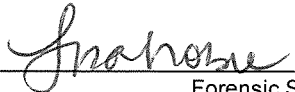
LOT NUMBER: FN08051301 EXPIRATION: 10/2018 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.2539 g/100mL PRECISION CV (%): 0.38
STANDARD DEVIATION: 0.00096 NUMBER OF TESTS: 15

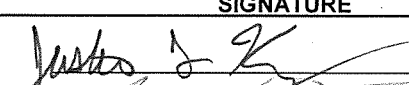
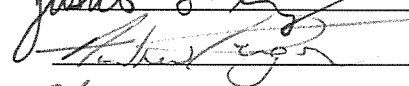
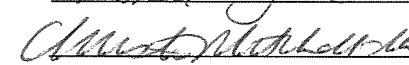
EQUIVALENT VAPOR CONCENTRATION: **0.2064 g/210L**
EXPANDED UNCERTAINTY: ± 0.0046 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION



Lisa Noble Forensic Scientist Supervisor

11/14/16
DATE REPORT ISSUED

ANALYST	NAME	THIS TESTING WAS PERFORMED BY:	
		SIGNATURE	DATE TESTED
JLK	Justin L. Knoy		11/13/2015
AG	Andrew Gingras		11/13/2015
CM	Christie Mitchell-Mata		11/18/2015

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

QAP Solution Batch #: 15056

Date Prepared: 11/13/2015

Analyst:	JLK	AG	CM
Date Tested:	11/13/2015	11/13/2015	11/18/2015
Instrument:	HSGC #1	HSGC #1	HSGC #1
1	0.254	0.252	0.255
2	0.254	0.254	0.253
3	0.254	0.253	0.253
4	0.255	0.255	0.254
5	0.255	0.255	0.253
C	0.103	0.103	0.102

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000009551	0.0000105414	0.0001016326

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

Average Solution Concentration: 0.2539 g/100mL
Standard Deviation: 0.00096 g/100mL
Precision CV (%): 0.38
Equivalent Vapor Concentration: 0.2064 g/210L
Combined Standard Uncertainty (\pm): 0.0023 g/210L
 ± 2 Expanded Uncertainty (\pm): 0.0046 coverage factor (k) = 2 (95.45% level of confidence)

Calculations performed by: Lisa Noble Francisco 12/10/15
Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 1-13-16
Name Signature Date

Method: Hand calculation

Tech. review performed by: Lisa Noble Francisco 12/10/15
Name Signature Date

SIMULATOR SOLUTION DATA ENTRY REVIEW


Reviewer/s: Amanda M. Black Date: 1-13-16

Location: WSP-FLSB Seattle, WA Solution Batch Number: 15056

	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:


Amanda M. Black
State Toxicologist

Date:

1-13-16



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>	12/14/15
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata	<i>CM</i>	12/11/15
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy	<i>JK</i>	12-11-15
Katie Harris		
Lyndsey Lowe		
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 15056 In 12/10/15



JAY INSLEE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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

**0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 15056**

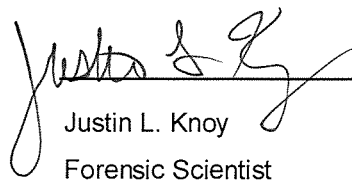
I, Justin L. Knoy, do certify under penalty of perjury that:

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, and MS degree in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 15056, was prepared in the Washington State Toxicology Laboratory on 11/13/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 11/13/2016.

Seattle, WA

 _____ 12-11-15
Justin L. Knoy 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 15056**

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 15056, was prepared in the Washington State Toxicology Laboratory on 11/13/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 11/13/2016.

Seattle, WA

 12/14/15

Andrew Gingras
Forensic Scientist

Date



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 15056**

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, and over four years experience in forensic toxicology.

The quality assurance procedure (QAP) solution, Lot Number 15056, was prepared in the Washington State Toxicology Laboratory on 11/13/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 11/13/2016.

Seattle, WA

Christie Mitchell-Mata

Date

Forensic Scientist



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

Preparation Date: 11-13-15 Expiration Date: 11-13-16 Initials of Preparer: JKLot # of 200-proof Ethanol used in preparation: 2EA0437Date the 200-proof Ethanol bottle was opened: 11-13-15

After opening, each bottle of 200-proof Ethanol is approved for use for 6 months unless an extension is approved by the State Toxicologist. This timeframe applies to the 200-proof Ethanol only, not to simulator solutions which have a 1 year expiration.

Environmental conditions verified as acceptable:

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	<input checked="" type="checkbox"/>	<u>15052</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>15053</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>15054</u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>15055</u>
QAP 0.20	56.1	18	<input checked="" type="checkbox"/>	<u>15056</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 11-13-15

Date

If different ethanol lot numbers are used in the preparation of solutions, record them and the corresponding solution batch numbers in the comments section.

Comments:

Justin J. Z...
Analyst Signature

11-13-15

Date

for

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: 151113JK
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0615-01 - Exp. 12/02/2015
 Ethanol Calibrator 2, E0615-02 - Exp. 12/02/2015
 Ethanol Calibrator 3, E0615-03 - Exp. 12/02/2015
 CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018
 CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
 CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019
 Internal Standard Lot#P0915 - Exp. 12/18/2015

Calibration vials 1-9 filed with 15052.

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	15052-1	SIMALC1	1	Sample		
11	Vial 11	15052-2	SIMALC1	1	Sample		
12	Vial 12	15052-3	SIMALC1	1	Sample		
13	Vial 13	15052-4	SIMALC1	1	Sample		
14	Vial 14	15052-5	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	15053-1	SIMALC1	1	Sample		
18	Vial 18	15053-2	SIMALC1	1	Sample		
19	Vial 19	15053-3	SIMALC1	1	Sample		
20	Vial 20	15053-4	SIMALC1	1	Sample		
21	Vial 21	15053-5	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	15054-1	SIMALC1	1	Sample		
25	Vial 25	15054-2	SIMALC1	1	Sample		
26	Vial 26	15054-3	SIMALC1	1	Sample		

15056
Intake

JK

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	15054-4	SIMALC1	1	Sample		
28	Vial 28	15054-5	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	15055-1	SIMALC1	1	Sample		
32	Vial 32	15055-2	SIMALC1	1	Sample		
33	Vial 33	15055-3	SIMALC1	1	Sample		
34	Vial 34	15055-4	SIMALC1	1	Sample		
35	Vial 35	15055-5	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	15056-1	SIMALC1	1	Sample		
39	Vial 39	15056-2	SIMALC1	1	Sample		
40	Vial 40	15056-3	SIMALC1	1	Sample		
41	Vial 41	15056-4	SIMALC1	1	Sample		
42	Vial 42	15056-5	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!

15056

Justin

JK

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

Inj. Date: 11/13/2015 1:22:49 PM

Sample Name: 15056-1

Instrument: HSGC#1

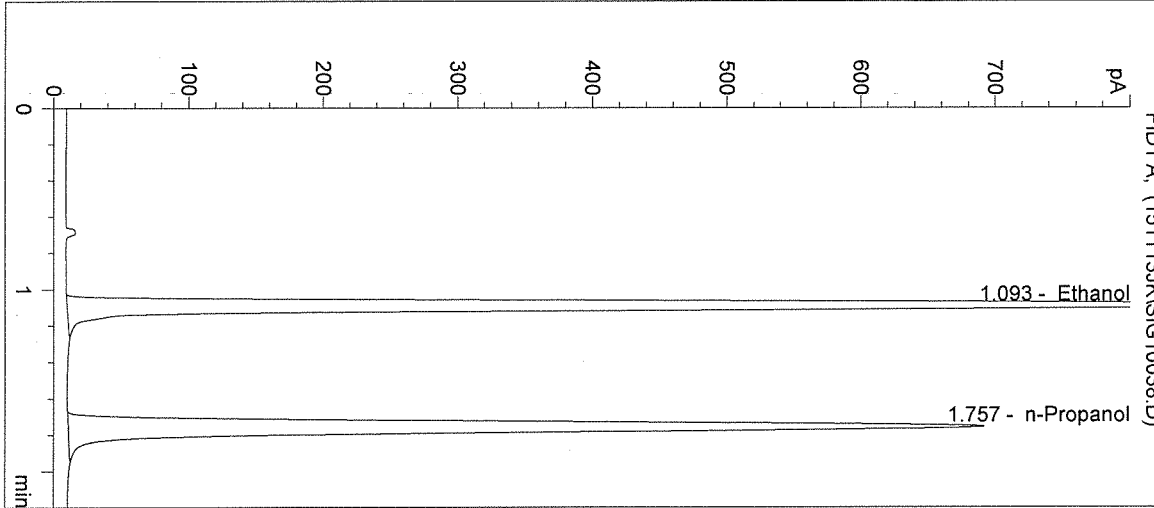
Operator: Justin Knoy

Column: DB-ALC1

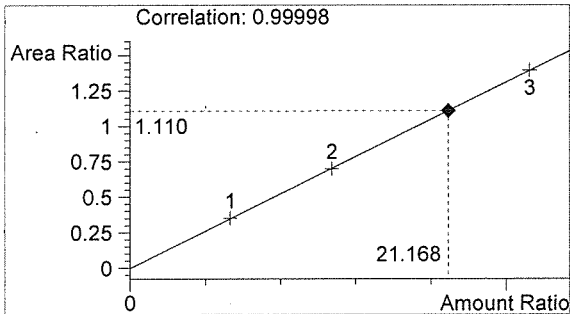
Location: Vial 38

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

Sample Info:

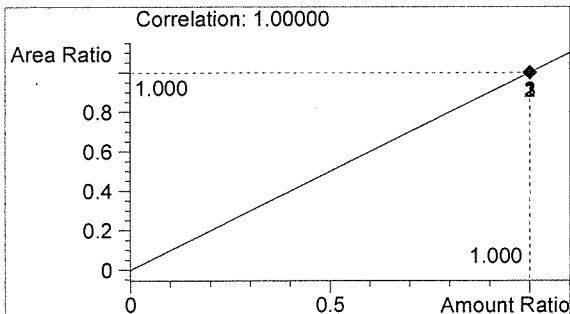


#	Compound	Peak Area	RT (min)
1	Ethanol	2979	1.093
2	n-Propanol	2683	1.757



Ethanol 0.254 g/100mL

JL

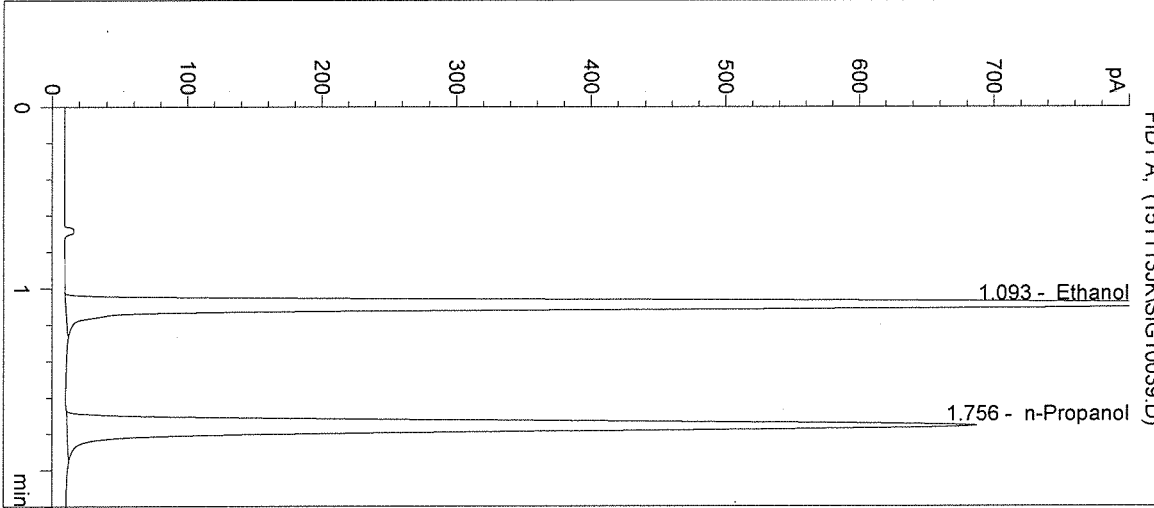


n-Propanol 0.012 g/100mL

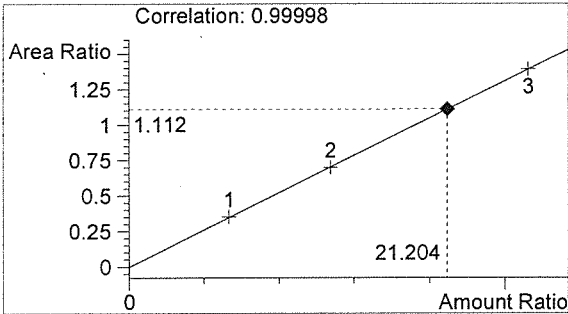
JR

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

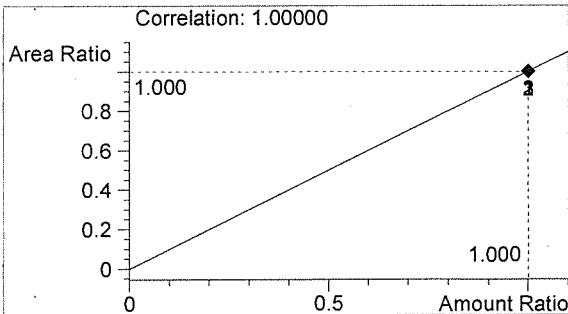
Inj. Date: 11/13/2015 1:26:01 PM Sample Name: 15056-2
 Instrument: HSGC#1 Operator: Justin Knoy
 Column: DB-ALC1 Location: Vial 39
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2955	1.093
2	n-Propanol	2657	1.756



Ethanol 0.254 g/100mL

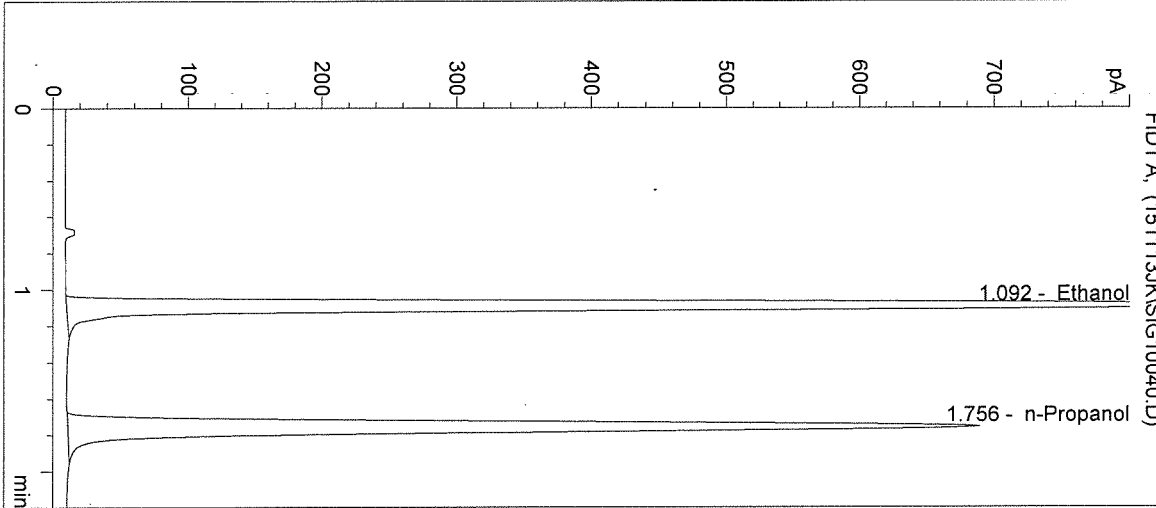


n-Propanol 0.012 g/100mL

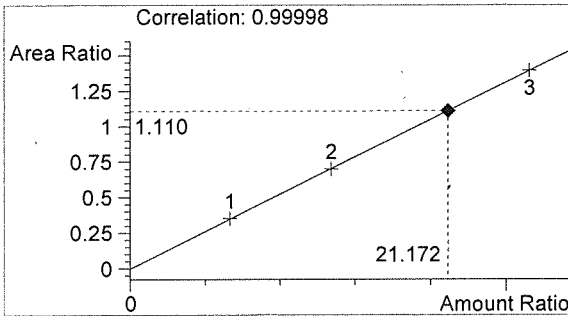
Handwritten initials

Handwritten initials

Inj. Date: 11/13/2015 1:29:15 PM Sample Name: 15056-3
 Instrument: HSGC#1 Operator: Justin Knoy
 Column: DB-ALC1 Location: Vial 40
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:

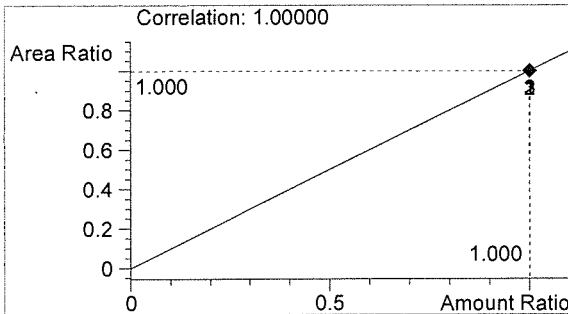


#	Compound	Peak Area	RT (min)
1	Ethanol	2962	1.092
2	n-Propanol	2667	1.756



Ethanol 0.254 g/100mL

df



n-Propanol 0.012 g/100mL

JR

Inj. Date: 11/13/2015 1:32:28 PM

Sample Name: 15056-4

Instrument: HSGC#1

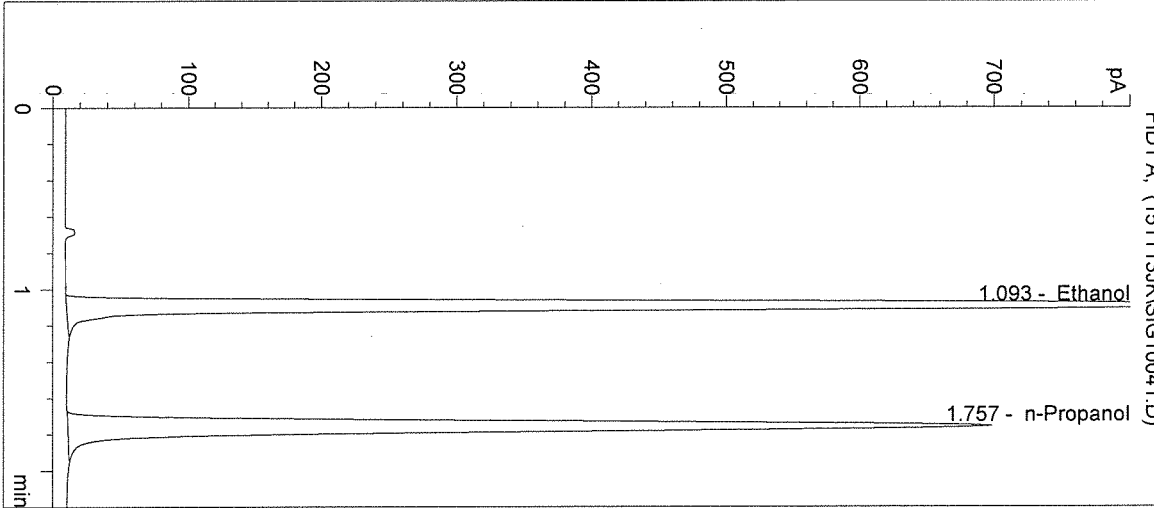
Operator: Justin Knoy

Column: DB-ALC1

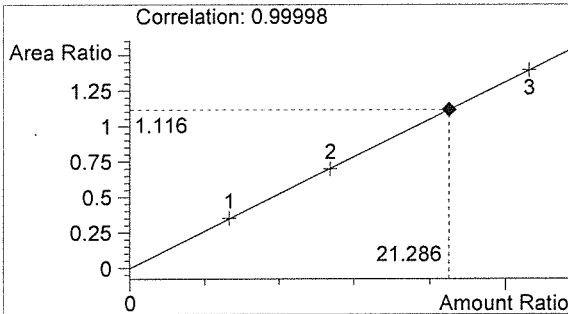
Location: Vial 41

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

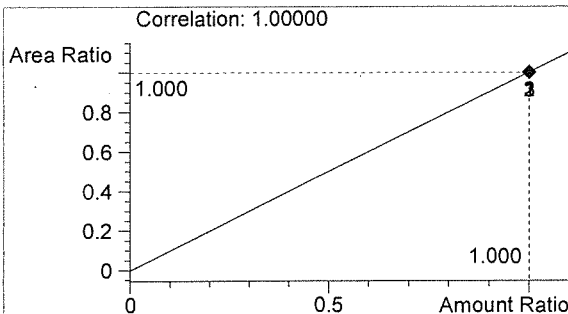
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	3012	1.093
2	n-Propanol	2698	1.757



Ethanol 0.255 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten mark

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

Inj. Date: 11/13/2015 1:35:41 PM

Sample Name: 15056-5

Instrument: HSGC#1

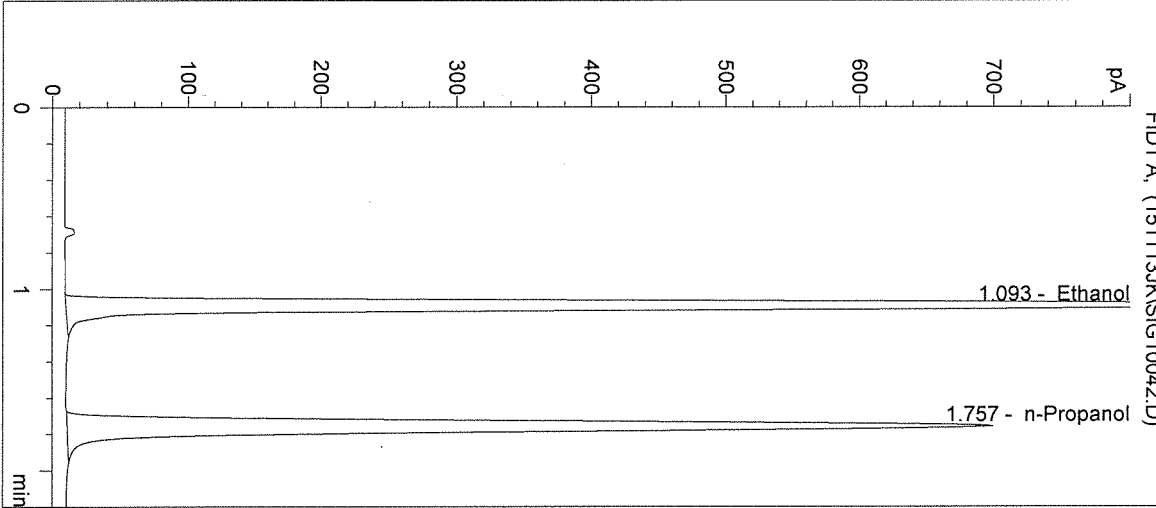
Operator: Justin Knoy

Column: DB-ALC1

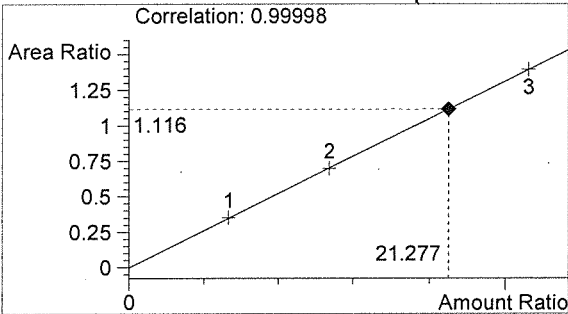
Location: Vial 42

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

Sample Info:

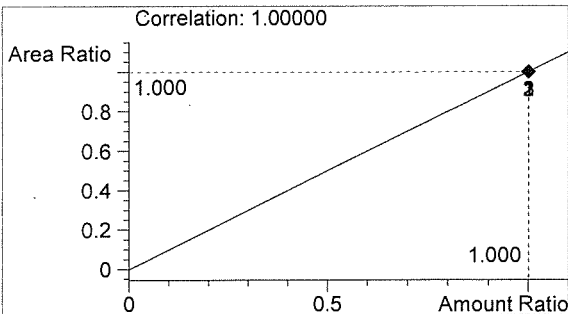


#	Compound	Peak Area	RT (min)
1	Ethanol	3022	1.093
2	n-Propanol	2708	1.757



Ethanol 0.255 g/100mL

Handwritten signature



n-Propanol 0.012 g/100mL

Handwritten initials

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

Inj. Date: 11/13/2015 1:38:55 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

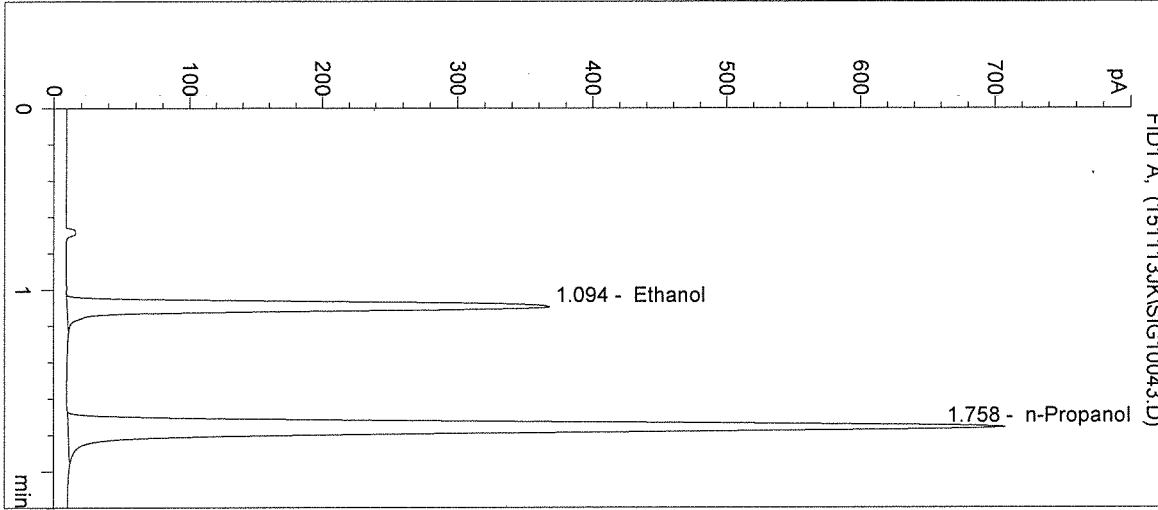
Operator: Justin Knoy

Column: DB-ALC1

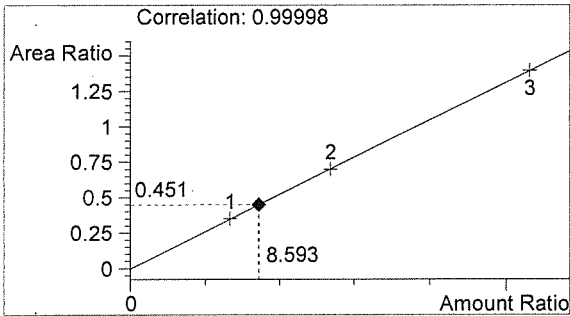
Location: Vial 43

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

Sample Info: 15056

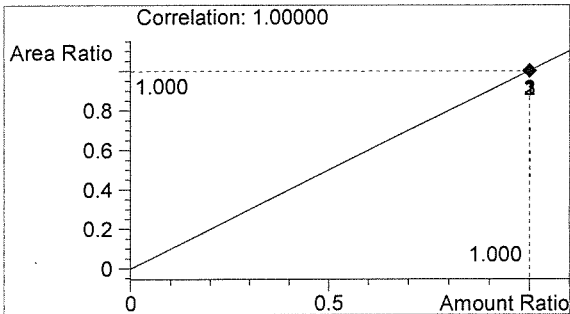


#	Compound	Peak Area	RT (min)
1	Ethanol	1241	1.094
2	n-Propanol	2755	1.758



Ethanol 0.103 g/100mL

JK



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 11/13/2015 1:42:07 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

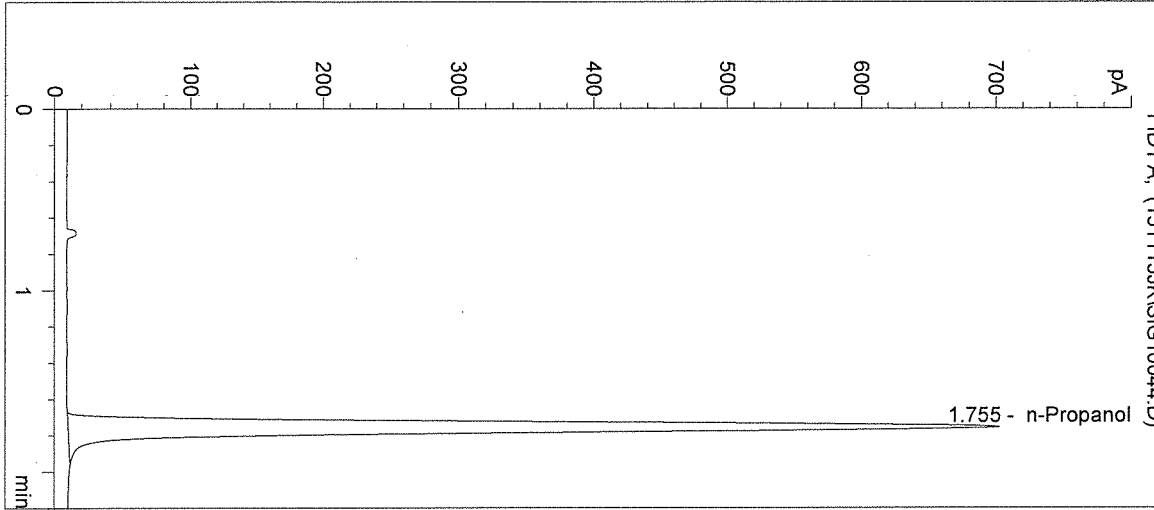
Operator: Justin Knoy

Column: DB-ALC1

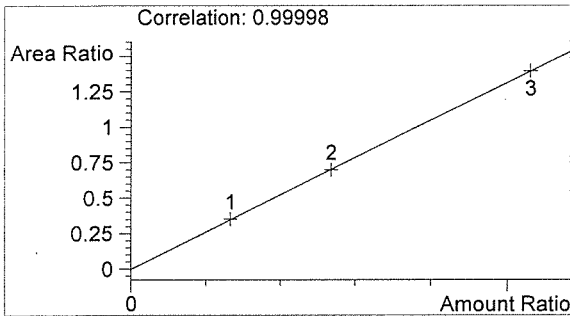
Location: Vial 44

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

Sample Info: 15056

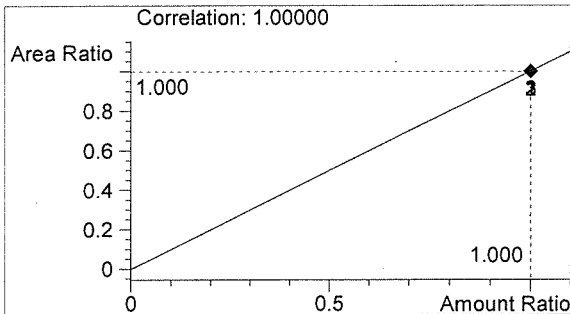


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2725	1.755



Ethanol 0.000 g/100mL

Handwritten mark



n-Propanol 0.012 g/100mL

Handwritten mark

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: 151113AG
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0615-01 - Exp. 12/02/2015
 Ethanol Calibrator 2, E0615-02 - Exp. 12/02/2015
 Ethanol Calibrator 3, E0615-03 - Exp. 12/02/2015
 CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018
 CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
 CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019
 Internal Standard Lot#P0915 - Exp. 12/18/2015

Calibration vials 1-9 filed with 15052.

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	15052-1	SIMALC1	1	Sample		
11	Vial 11	15052-2	SIMALC1	1	Sample		
12	Vial 12	15052-3	SIMALC1	1	Sample		
13	Vial 13	15052-4	SIMALC1	1	Sample		
14	Vial 14	15052-5	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	15053-1	SIMALC1	1	Sample		
18	Vial 18	15053-2	SIMALC1	1	Sample		
19	Vial 19	15053-3	SIMALC1	1	Sample		
20	Vial 20	15053-4	SIMALC1	1	Sample		
21	Vial 21	15053-5	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	15054-1	SIMALC1	1	Sample		
25	Vial 25	15054-2	SIMALC1	1	Sample		
26	Vial 26	15054-3	SIMALC1	1	Sample		

15056

Indicates

AG

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	15054-4	SIMALC1	1	Sample		
28	Vial 28	15054-5	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	15055-1	SIMALC1	1	Sample		
32	Vial 32	15055-2	SIMALC1	1	Sample		
33	Vial 33	15055-3	SIMALC1	1	Sample		
34	Vial 34	15055-4	SIMALC1	1	Sample		
35	Vial 35	15055-5	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	15056-1	SIMALC1	1	Sample		
39	Vial 39	15056-2	SIMALC1	1	Sample		
40	Vial 40	15056-3	SIMALC1	1	Sample		
41	Vial 41	15056-4	SIMALC1	1	Sample		
42	Vial 42	15056-5	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!

15056

Luiz/10/15

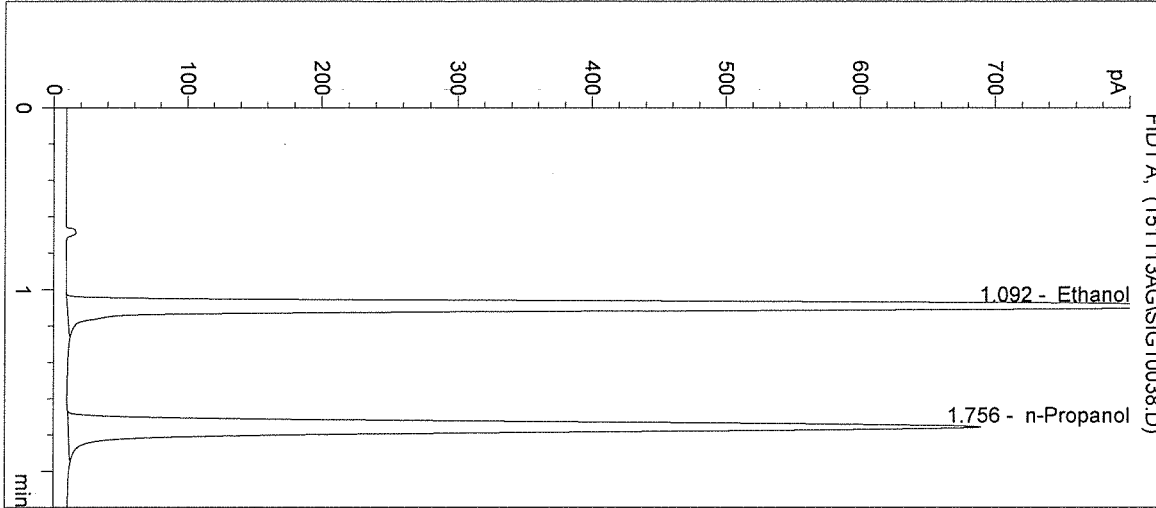
AG

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

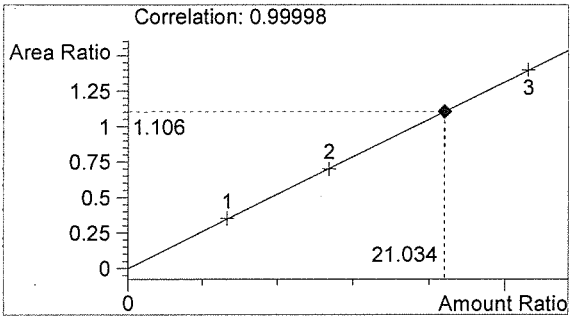
Inj. Date: 11/13/2015 4:01:12 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: 15056-1
Operator: Andrew Gingras
Location: Vial 38

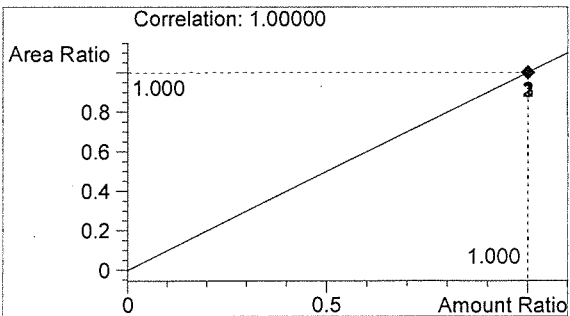
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2951	1.092
2	n-Propanol	2669	1.756



Ethanol 0.252 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

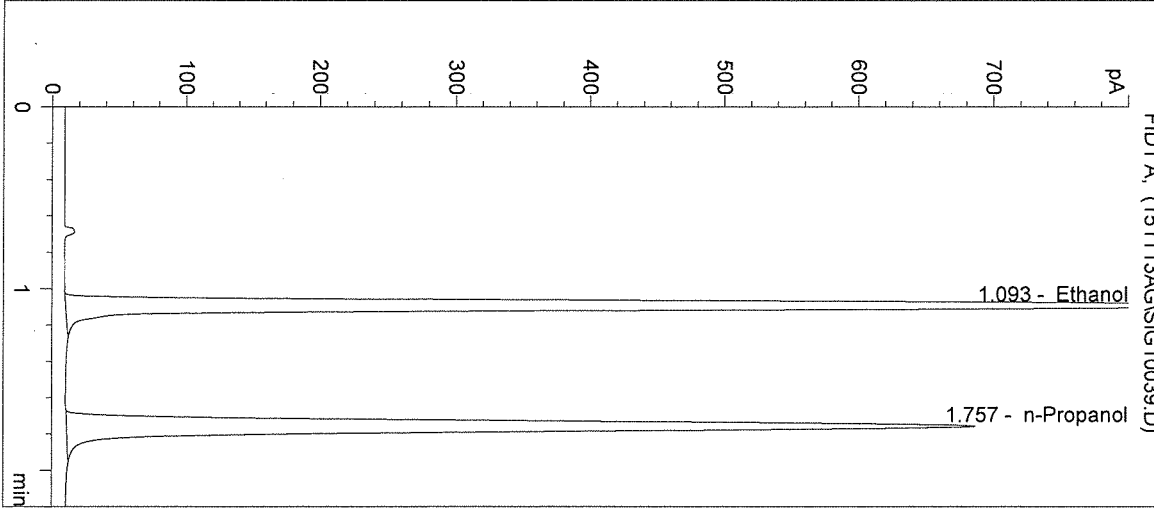
Handwritten signature

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

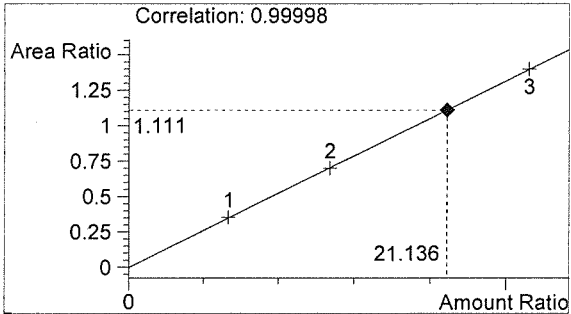
Inj. Date: 11/13/2015 4:04:25 PM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: 15056-2
 Operator: Andrew Gingras
 Location: Vial 39

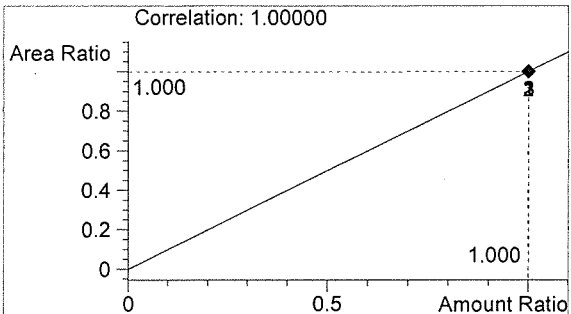
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2961	1.093
2	n-Propanol	2665	1.757



Ethanol 0.254 g/100mL

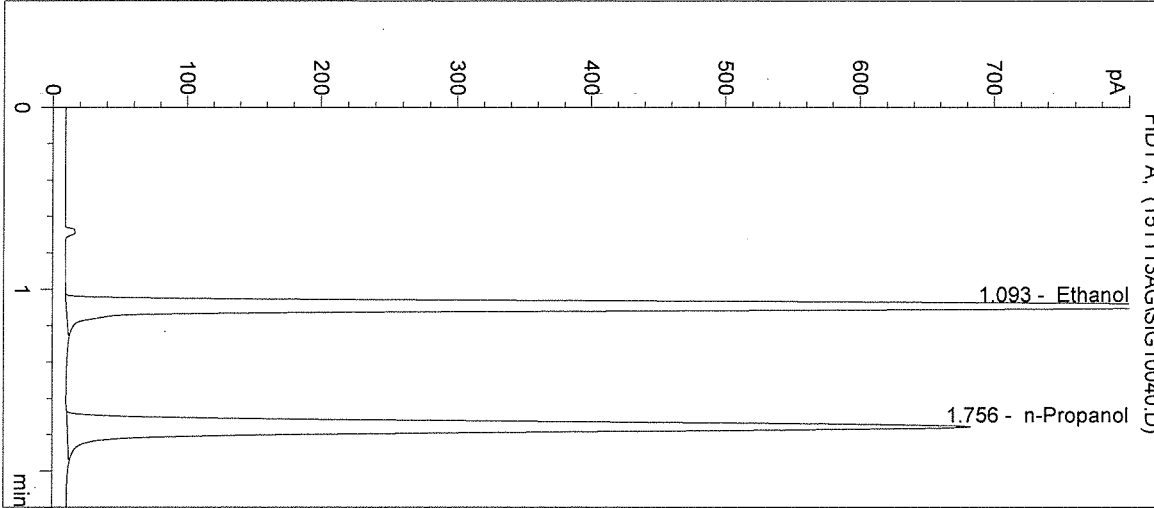


n-Propanol 0.012 g/100mL

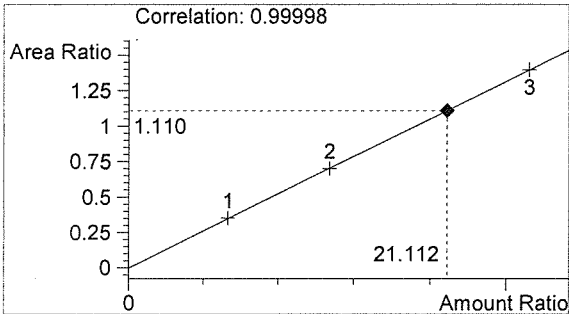
Handwritten mark

Handwritten signature

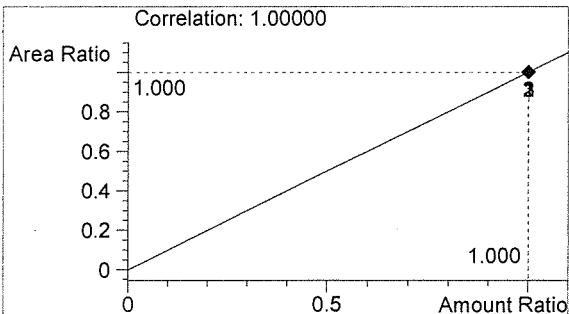
Inj. Date: 11/13/2015 4:07:39 PM Sample Name: 15056-3
Instrument: HSGC#1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 40
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2931	1.093
2	n-Propanol	2641	1.756



Ethanol 0.253 g/100mL



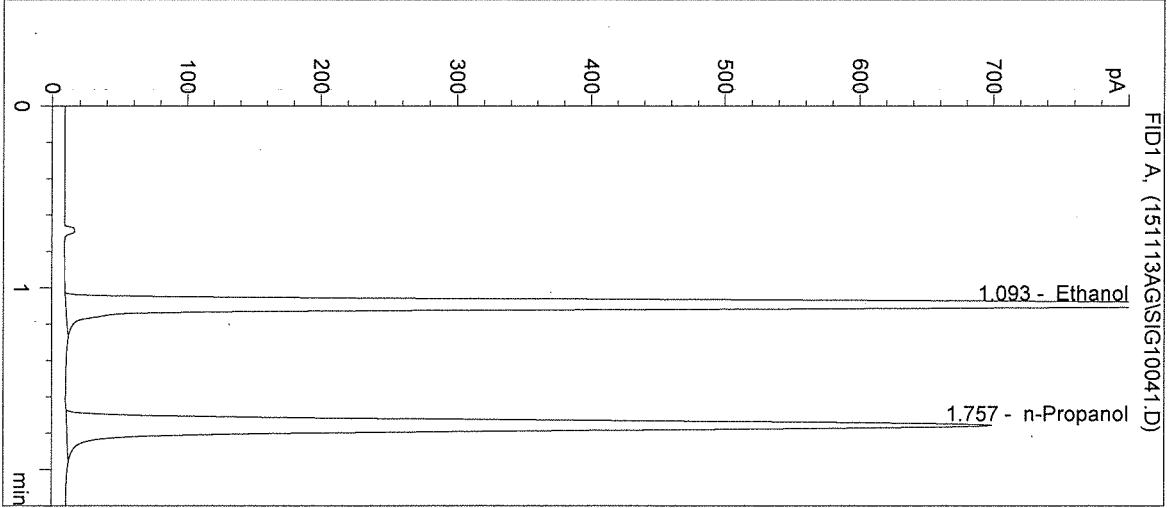
n-Propanol 0.012 g/100mL

Handwritten signature/initials

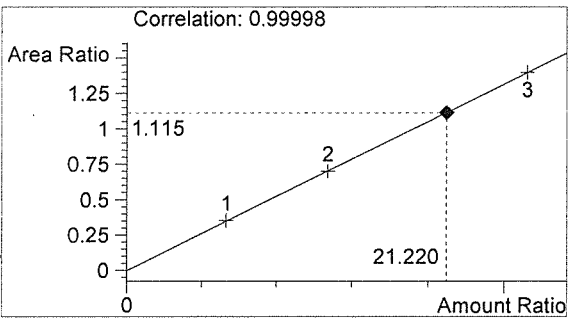
Handwritten signature/initials

Inj. Date: 11/13/2015 4:10:52 PM Sample Name: 15056-4
Instrument: HSGC#1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 41
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

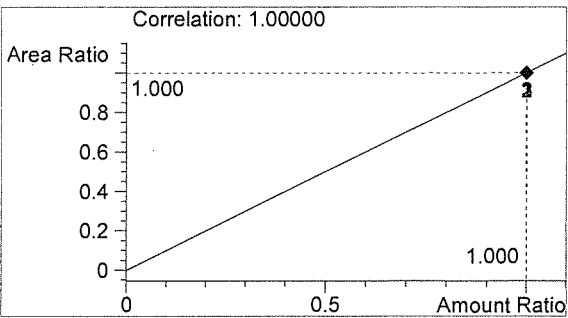
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	3025	1.093
2	n-Propanol	2712	1.757



Ethanol 0.255 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten signature

Inj. Date: 11/13/2015 4:14:04 PM

Sample Name: 15056-5

Instrument: HSGC#1

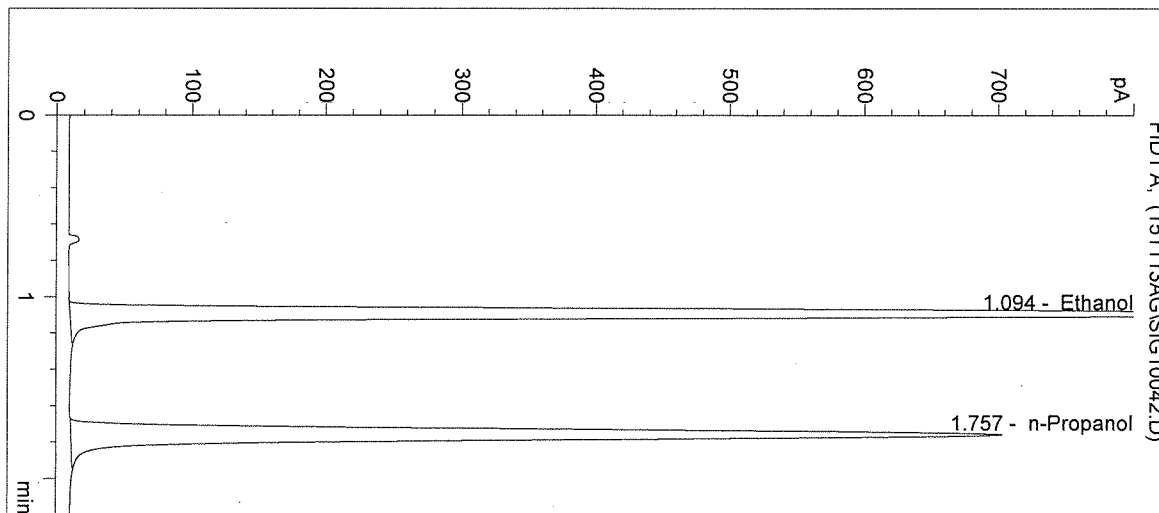
Operator: Andrew Gingras

Column: DB-ALC1

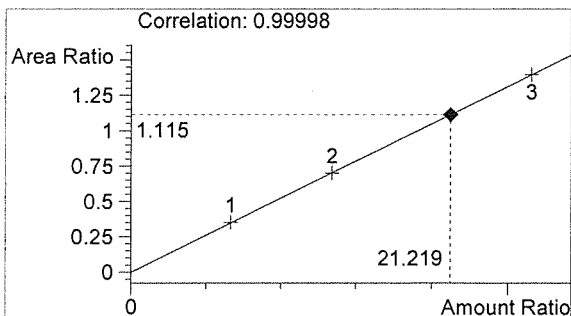
Location: Vial 42

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

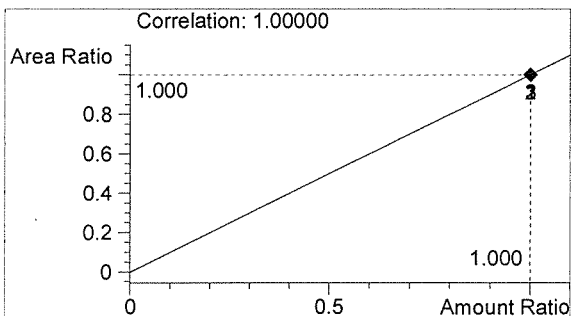
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	3041	1.094
2	n-Propanol	2727	1.757



Ethanol 0.255 g/100mL



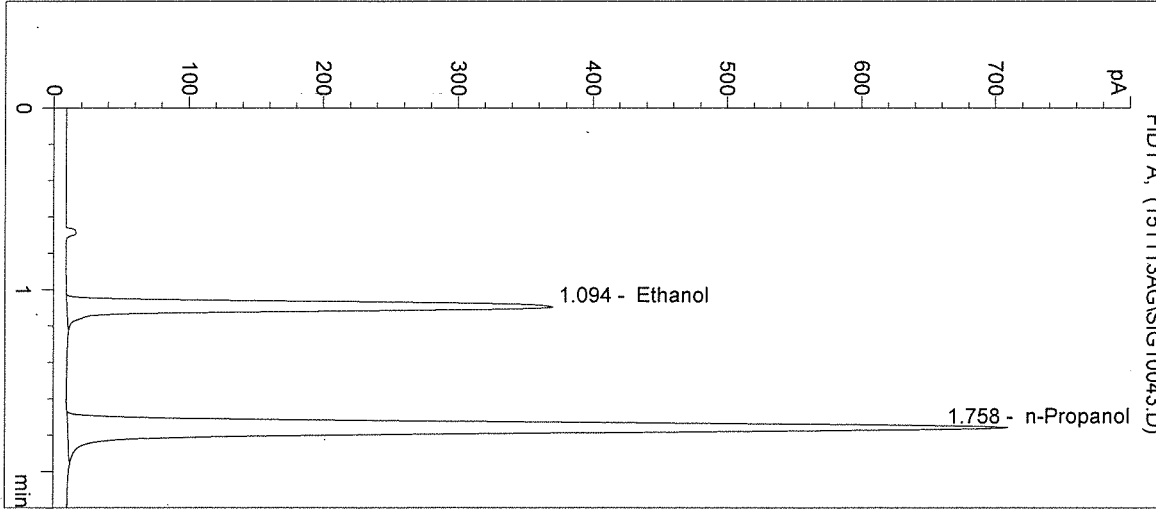
n-Propanol 0.012 g/100mL

Handwritten mark

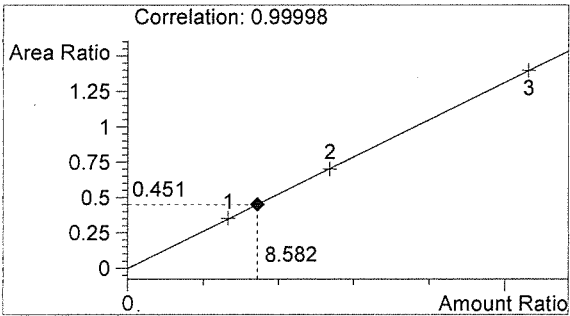
Handwritten signature

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

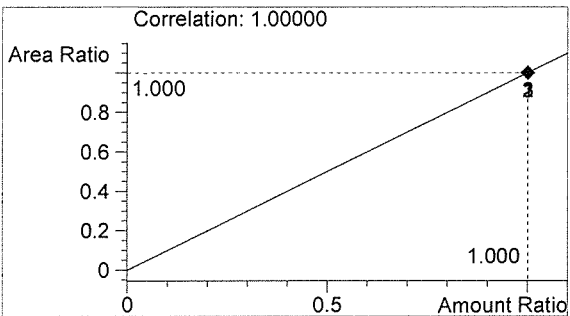
Inj. Date: 11/13/2015 4:17:18 PM Sample Name: 0.10 CTRL
 Instrument: HSGC#1 Operator: Andrew Gingras
 Column: DB-ALC1 Location: Vial 43
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: 15056



#	Compound	Peak Area	RT (min)
1	Ethanol	1247	1.094
2	n-Propanol	2763	1.758



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

L

Handwritten signature

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

Inj. Date: 11/13/2015 4:20:32 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

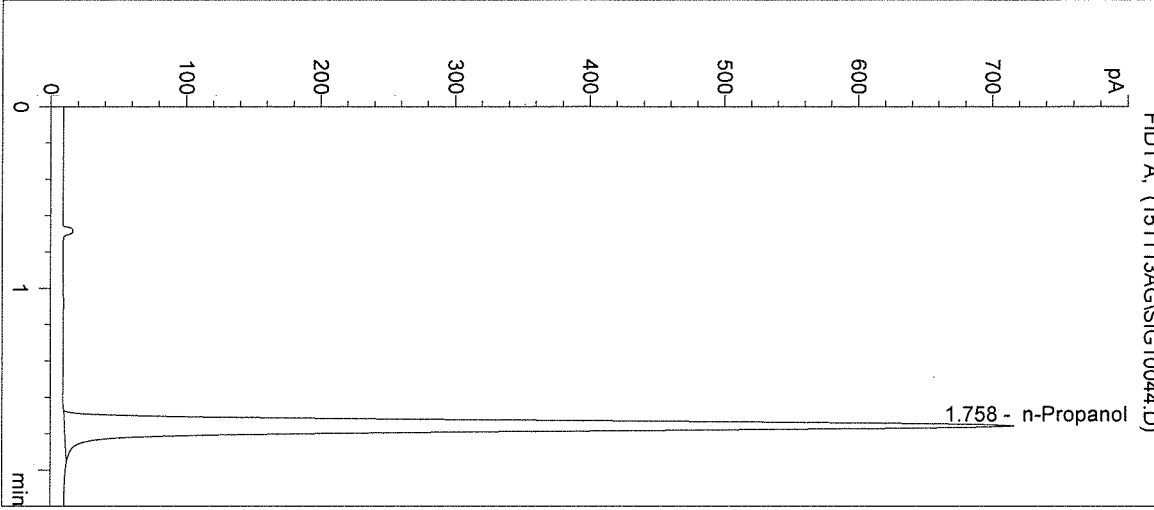
Operator: Andrew Gingras

Column: DB-ALC1

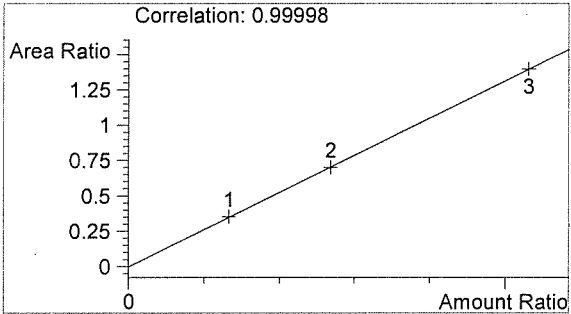
Location: Vial 44

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

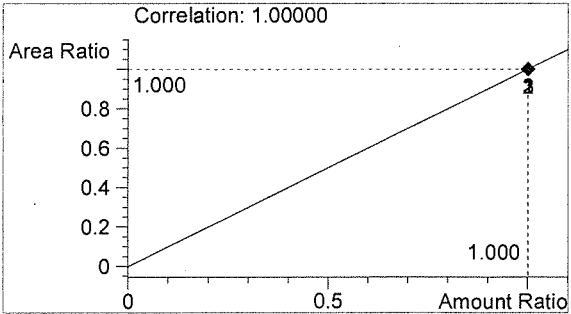
Sample Info: 15056



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2782	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten signature

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: 151118CM
 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#E1015-01 - Exp 04/29/16
 Cal 2 (0.158 g/100mL) - Lot#E1015-02 - Exp 04/29/16
 Cal 3 (0.316 g/100mL) - Lot#E1015-03 - Exp 04/29/16
 CTRL 1 (0.04 g/100mL) - Lot#FN05011301 - Exp 05/2018
 CTRL 2 (0.10 g/100mL) - Lot#FN08051301 - Exp 10/2018
 CTRL 3 (0.20 g/100mL) - Lot#FN03211401 - Exp 06/2019
 n-Propanol ISTD - Lot# P0915 - Exp 12/18/15

Calibration vials 1-9 filed with 15052.

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	15052-1	SIMALC1	1	Sample		
11	Vial 11	15052-2	SIMALC1	1	Sample		
12	Vial 12	15052-3	SIMALC1	1	Sample		
13	Vial 13	15052-4	SIMALC1	1	Sample		
14	Vial 14	15052-5	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	15053-1	SIMALC1	1	Sample		
18	Vial 18	15053-2	SIMALC1	1	Sample		
19	Vial 19	15053-3	SIMALC1	1	Sample		
20	Vial 20	15053-4	SIMALC1	1	Sample		
21	Vial 21	15053-5	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	15054-1	SIMALC1	1	Sample		
25	Vial 25	15054-2	SIMALC1	1	Sample		
26	Vial 26	15054-3	SIMALC1	1	Sample		

15056

Initials

11/18/15

u

151118CM

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	15054-4	SIMALC1	1	Sample		
28	Vial 28	15054-5	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	15055-1	SIMALC1	1	Sample		
32	Vial 32	15055-2	SIMALC1	1	Sample		
33	Vial 33	15055-3	SIMALC1	1	Sample		
34	Vial 34	15055-4	SIMALC1	1	Sample		
35	Vial 35	15055-5	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	15056-1	SIMALC1	1	Sample		
39	Vial 39	15056-2	SIMALC1	1	Sample		
40	Vial 40	15056-3	SIMALC1	1	Sample		
41	Vial 41	15056-4	SIMALC1	1	Sample		
42	Vial 42	15056-5	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!

15056

Amizhakis

anal 11/15

ca

1511807

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

Inj. Date: 11/18/2015 9:50:46 AM

Sample Name: 15056-1

Instrument: HSGC#1

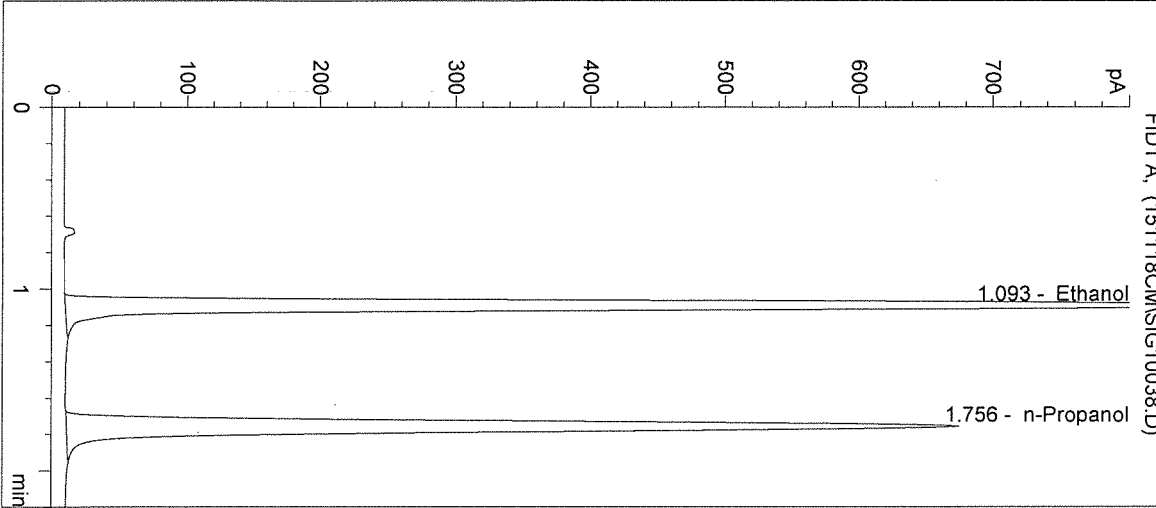
Operator: Christie Mitchell-Mata

Column: DB-ALC1

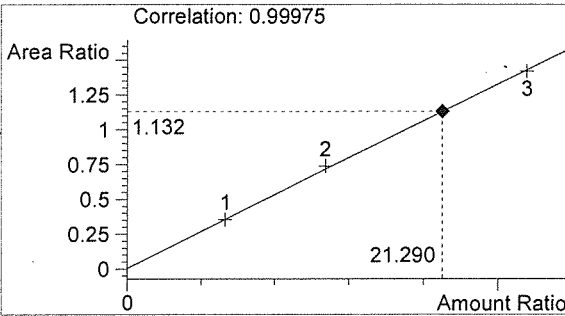
Location: Vial 38

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

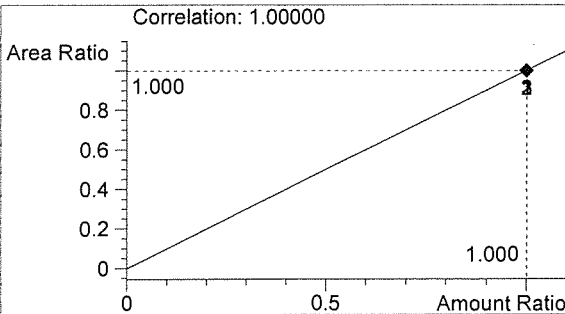
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2972	1.093
2	n-Propanol	2625	1.756



Ethanol 0.255 g/100mL



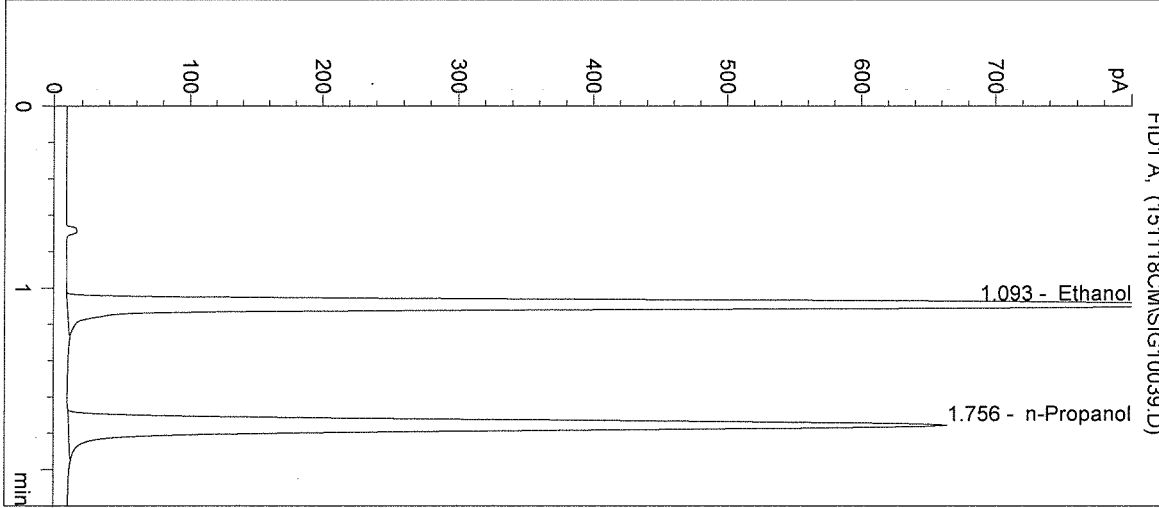
n-Propanol 0.012 g/100mL

Handwritten mark

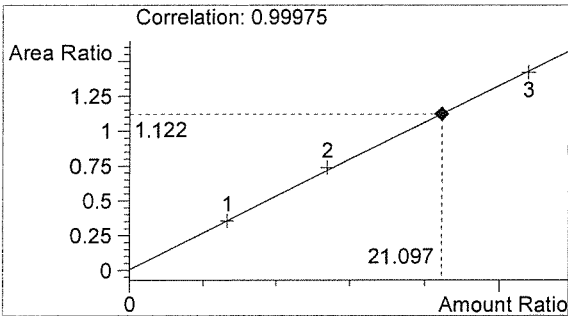
Handwritten mark

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

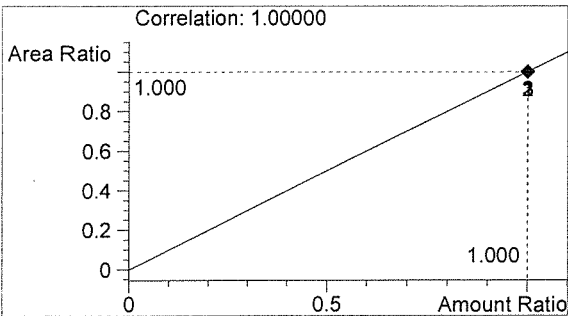
Inj. Date: 11/18/2015 9:54:00 AM Sample Name: 15056-2
Instrument: HSGC#1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 39
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2905	1.093
2	n-Propanol	2589	1.756



Ethanol 0.253 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten signature

Inj. Date: 11/18/2015 9:57:12 AM

Sample Name: 15056-3

Instrument: HSGC#1

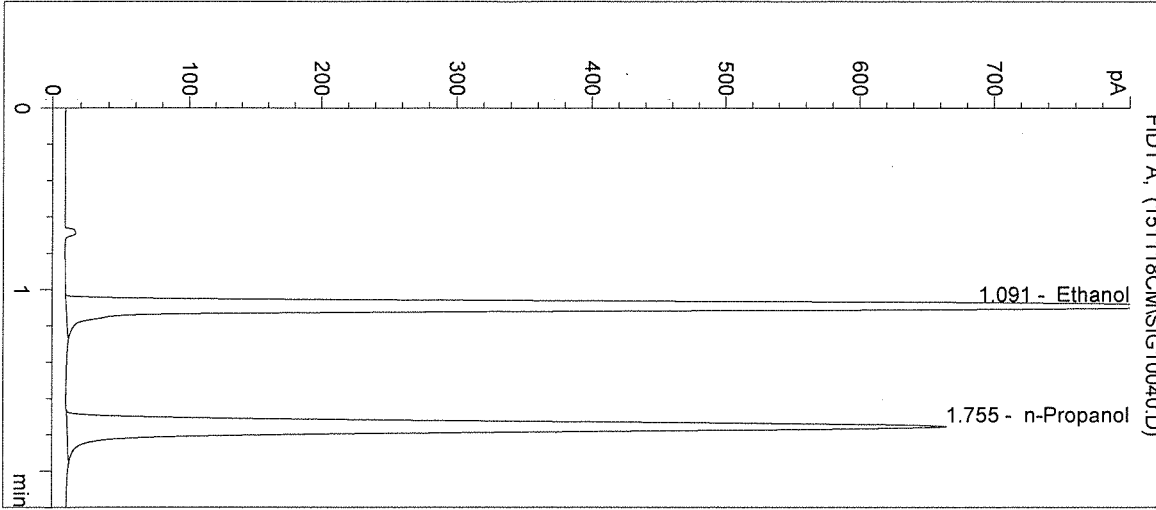
Operator: Christie Mitchell-Mata

Column: DB-ALC1

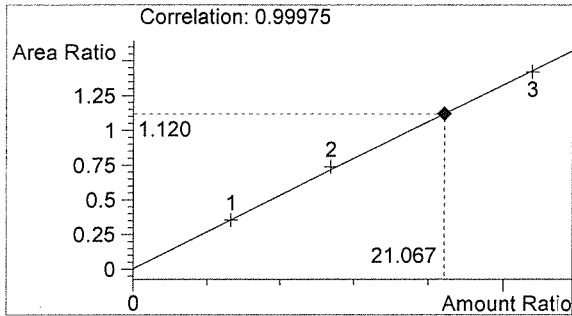
Location: Vial 40

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

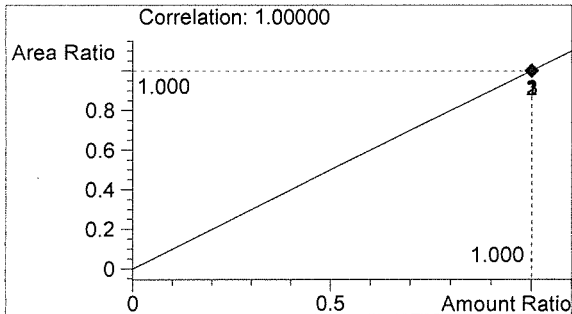
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2892	1.091
2	n-Propanol	2582	1.755



Ethanol 0.253 g/100mL



n-Propanol 0.012 g/100mL

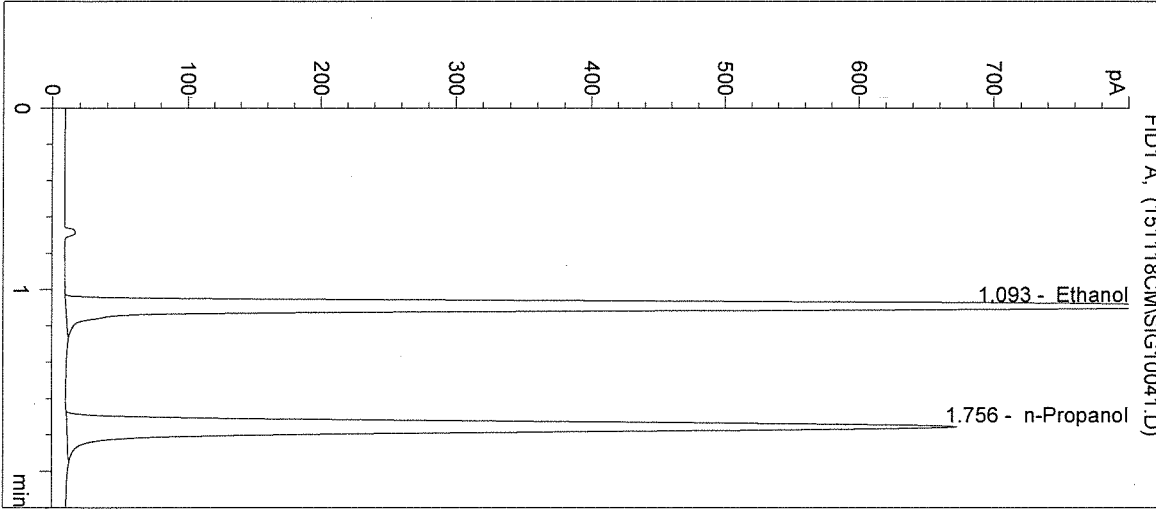
Handwritten mark

Handwritten mark

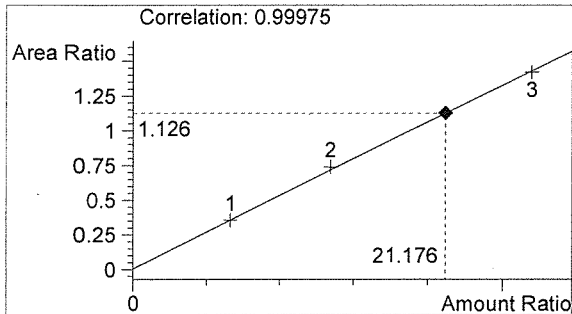
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2015 10:00:25 AM Sample Name: 15056-4
 Instrument: HSGC#1 Operator: Christie Mitchell-Mata
 Column: DB-ALC1 Location: Vial 41
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

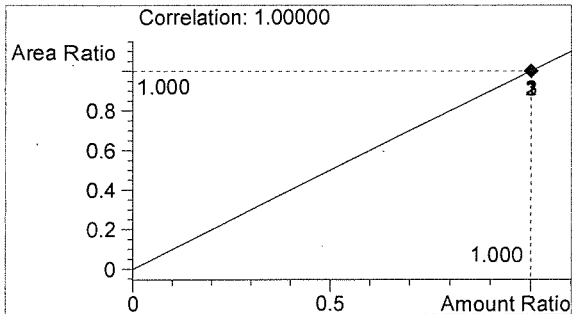
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2931	1.093
2	n-Propanol	2603	1.756



Ethanol 0.254 g/100mL



n-Propanol 0.012 g/100mL

Handwritten mark

Handwritten mark

Inj. Date: 11/18/2015 10:03:39 AM

Sample Name: 15056-5

Instrument: HSGC#1

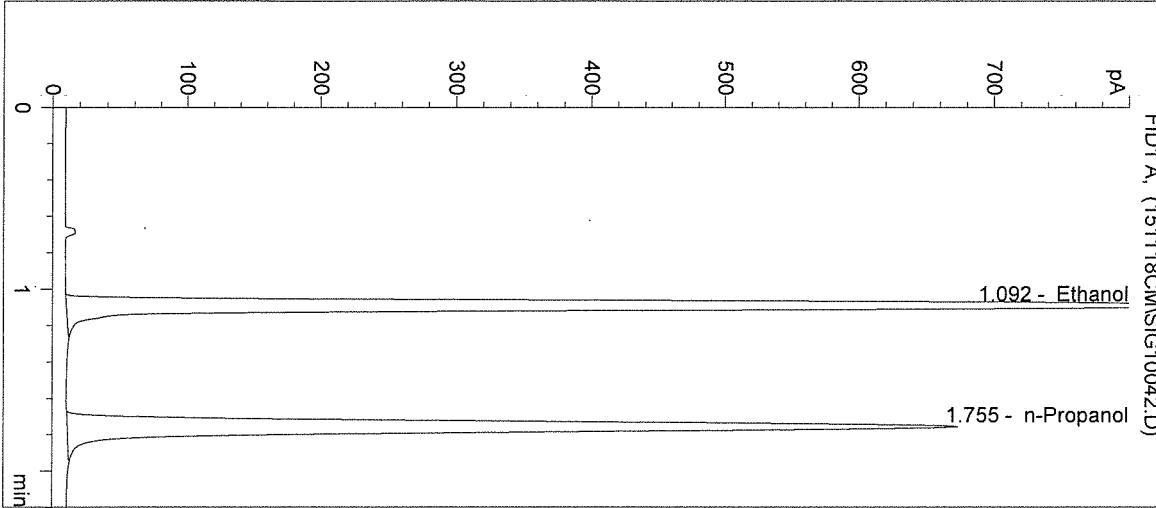
Operator: Christie Mitchell-Mata

Column: DB-ALC1

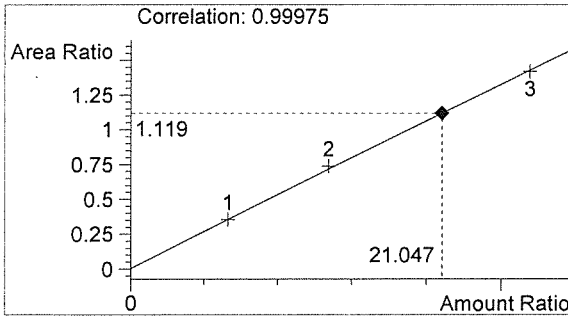
Location: Vial 42

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

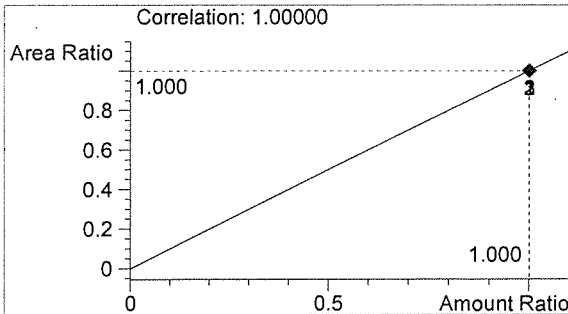
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2923	1.092
2	n-Propanol	2611	1.755



Ethanol 0.253 g/100mL



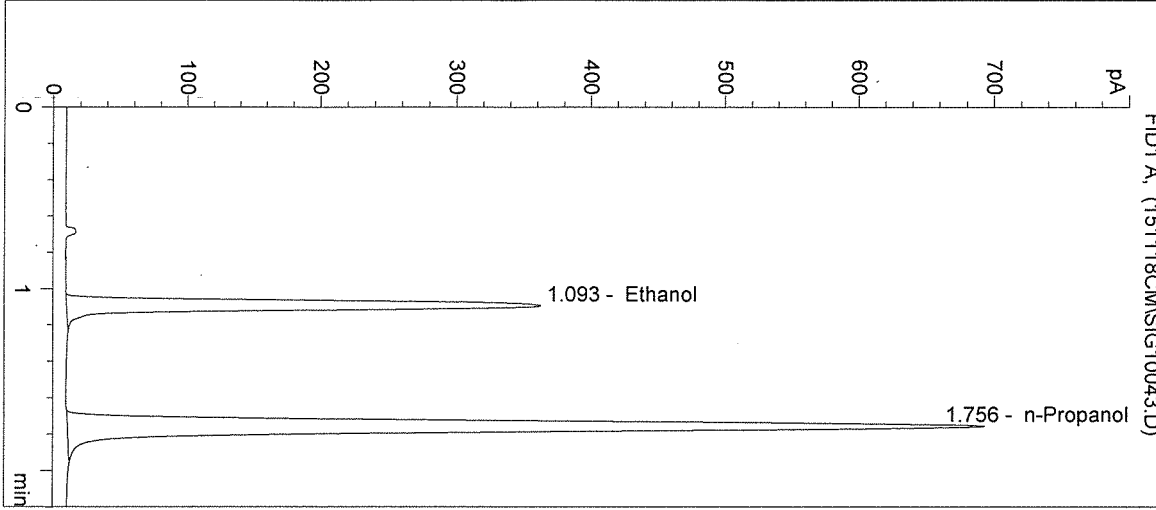
n-Propanol 0.012 g/100mL

Handwritten mark

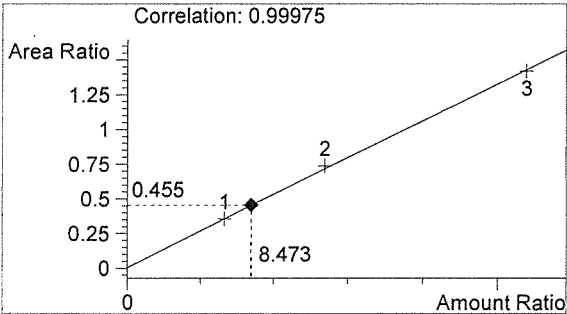
Handwritten mark

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

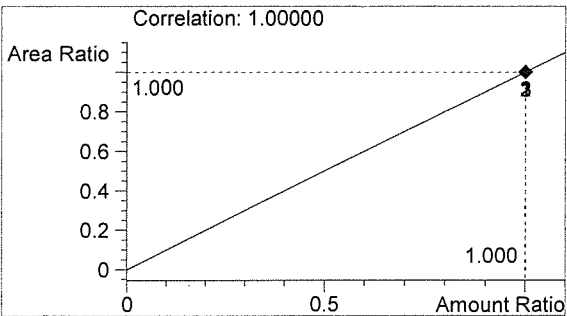
Inj. Date: 11/18/2015 10:06:51 AM Sample Name: 0.10 CTRL
Instrument: HSGC#1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 43
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15056



#	Compound	Peak Area	RT (min)
1	Ethanol	1230	1.093
2	n-Propanol	2705	1.756



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten signature

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

Inj. Date: 11/18/2015 10:10:04 AM

Sample Name: NEG CTRL

Instrument: HSGC#1

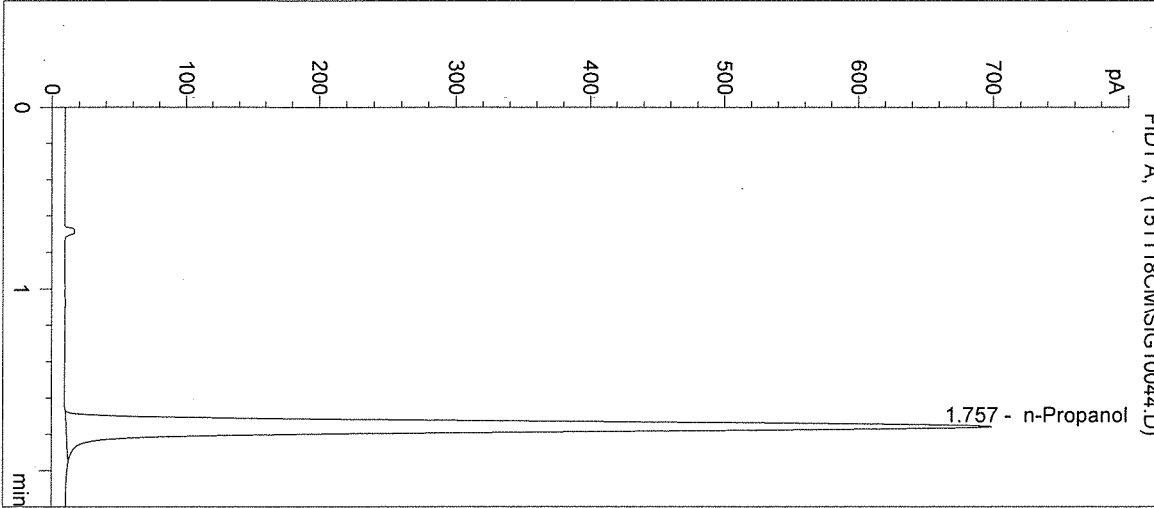
Operator: Christie Mitchell-Mata

Column: DB-ALC1

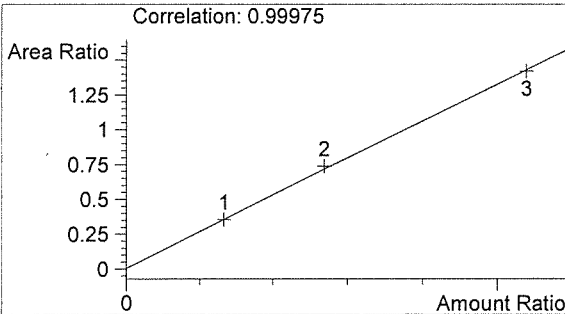
Location: Vial 44

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

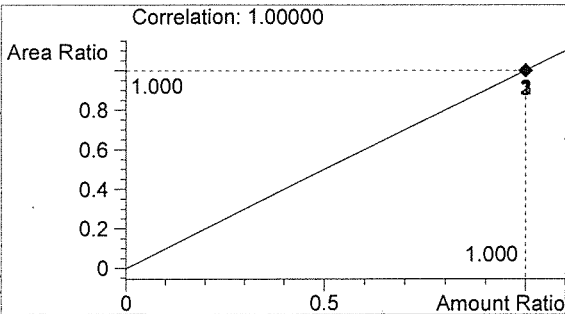
Sample Info: 15056



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2725	1.757



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten signature