WASHINGTON STATE PATROL - TOXICOLOGY LABORATORY DIVISION
2203 Airport Way S, Suite 360 SEATTLE, WA 98134

AN ASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/16/2009

QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 15038

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: 09/10/2015
BATCH UNITS: g/100mL
IDENTITY: QAP Solution
PREPARED BY: Naziha Nuwayhid

	NN	RF	AC
1	0.253	0.256	0.246
2	0.255	0.257	0.247
3	0.258	0.254	0.252
4	0.256	0.256	0.249
5	0.258	0.256	0.250
C	0.104	0.103	0.103

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.2535 g/100mL
STANDARD DEVIATION: 0.00391
PRECISION CV (%): 1.54
NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.2061 g/210L**
EXPANDED UNCERTAINTY: ± 0.0048 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Lisa Noble — Forensic Scientist Supervisor

9/25/15
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
NN	Naziha Nuwayhid		09/10/2015
RF	Rebecca Flaherty		09/11/2015
AC	Amanda Chandler		09/17/2015

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

QAP Solution Batch #: 15038 **Date Prepared:** 9/10/2015

	Analyst:	Date Tested:	Instrument:
	NN	RF	AC
	9/10/2015	9/11/2015	9/17/2015
	HSGC #3	HSGC #3	HSGC #3
1	0.253	0.256	0.246
2	0.255	0.257	0.247
3	0.258	0.254	0.252
4	0.256	0.256	0.249
5	0.258	0.256	0.250
C	0.104	0.103	0.103

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000158337	0.0000104058	0.0001016326

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

Average Solution Concentration: 0.2535 g/100mL
Standard Deviation: 0.00391 g/100mL
Precision CV (%): 1.54
Equivalent Vapor Concentration: 0.2061 g/210L
Combined Standard Uncertainty (±): 0.0024 g/210L
(k) Expanded Uncertainty (±): 0.0048 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble (Name) Lisa Noble (Signature) 9/21/15 (Date)

Calculations verified by: Amanda M. Black (Name) [signature] (Signature) 9-24-15 (Date)

Method: Hand calculation

Tech. review performed by: Lisa Noble (Name) Lisa Noble (Signature) 9/21/15 (Date)

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 9-24-15

Location: WSP-TLD(FSSB) Seattle, WA **Solution Batch Number:** 15038

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

Comments:

Reviewer Signature: [signature] **Date:** 9-24-15

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

Please check that the data on your chromatograms is the data entered into the Test Report, that the date to the right of your name is the date that you tested the solution, and then sign the Test Report.

Please initial and date below to affirm that you have:

1) Checked your data
2) Checked the date to the right of your name on the Test Report
3) Signed the Test Report

	Initials	Date
Amanda Chandler	AC	9/21/15
Andrew Gingras		
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy		
Katie Harris		
Lyndsey Lowe		
Naziha Nuwayhid	NN	9.22.15
Rebecca Flaherty	RF	9/21/15

Batch # 15038 Rm 9/21/15

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 15038

I, Naziha Nuwayhid, 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: Bachelor and Masters Degrees in Biology, Ph.D. degree in Basic Medical Science, ten years experience in clinical laboratory sciences, one year in clinical toxicology and more than ten years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The quality assurance procedure (QAP) solution, Lot Number 15038, was prepared in the Washington State Toxicology Laboratory on 9/10/2015. 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 9/10/2016.

Seattle, WA

9.22.15

Naziha Nuwayhid Date
Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 15038

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 15038, was prepared in the Washington State Toxicology Laboratory on 9/10/2015. 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 9/10/2016.

Seattle, WA

9/21/15

Rebecca Flaherty — Date

Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
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WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 15038

I, Amanda Chandler, do certify under penalty of perjury that:

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

I possess the following qualifications: MS degree in Forensic Toxicology.

The quality assurance procedure (QAP) solution, Lot Number 15038, was prepared in the Washington State Toxicology Laboratory on 9/10/2015. 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 9/10/2016.

Seattle, WA

Amanda Chandler 9/21/15

Amanda Chandler Date

Forensic Scientist

WSP-TLD | **COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET**

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

Preparation Date: 9.10.15 Expiration Date: 9.10.16 Initials of Preparer: NN

Lot # of 200-proof Ethanol used in preparation: 2DC0208

Date the 200-proof Ethanol bottle was opened: 6.16.15 & 9.10.15

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	☑	15034
QAP 0.08	22.4	18	☑	15035
QAP 0.10	28.1	18	☑	15036
QAP 0.15	42.1	18	☑	15037
QAP 0.20	56.1	18	☑	15038
ESS	66.5	52	☑ NO ESS prepared 9.24.15 NN	

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 9.10.15 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:
QAP 0.04, 0.08, & 0.10 were prepared from bottle opened on 6.16.15
QAP 0.15, & 0.20 were prepared from ethanol bottle opened 9.10.15

Analyst Signature 9.10.15 Date NN 9.10.15

Sequence: C:\HPCHEM\2\SEQUENCE\NNQAP3.S

Sequence Parameters:

Operator:	Naziha Nuwayhid, PhD
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	150910NN
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. 12/2/2015
Ethanol Calibrator 2, E0615-02 - Exp. 12/2/2015
Ethanol Calibrator 3, E0615-03 - Exp. 12/2/2015
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#P0715 - Exp. 10/27/15

Calibration vials 1-9 filed with 15034.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	15034 #1	SIMALC3	1	Sample		
11	Vial 11	15034 #2	SIMALC3	1	Sample		
12	Vial 12	15034 #3	SIMALC3	1	Sample		
13	Vial 13	15034 #4	SIMALC3	1	Sample		
14	Vial 14	15034 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	15035 #1	SIMALC3	1	Sample		
18	Vial 18	15035 #2	SIMALC3	1	Sample		
19	Vial 19	15035 #3	SIMALC3	1	Sample		
20	Vial 20	15035 #4	SIMALC3	1	Sample		
21	Vial 21	15035 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	15036 #1	SIMALC3	1	Sample		
25	Vial 25	15036 #2	SIMALC3	1	Sample		
26	Vial 26	15036 #3	SIMALC3	1	Sample		

15038
fmp/1/15

Sequence: C:\HPCHEM\2\SEQUENCE\NNQAP3.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	15036 #4	SIMALC3	1	Sample		
28	Vial 28	15036 #5	SIMALC3	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	15037 #1	SIMALC3	1	Sample		
32	Vial 32	15037 #2	SIMALC3	1	Sample		
33	Vial 33	15037 #3	SIMALC3	1	Sample		
34	Vial 34	15037 #4	SIMALC3	1	Sample		
35	Vial 35	15037 #5	SIMALC3	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		
38	Vial 38	15038 #1	SIMALC3	1	Sample		
39	Vial 39	15038 #2	SIMALC3	1	Sample		
40	Vial 40	15038 #3	SIMALC3	1	Sample		
41	Vial 41	15038 #4	SIMALC3	1	Sample		
42	Vial 42	15038 #5	SIMALC3	1	Sample		
43	Vial 43	0.10 CTRL	SIMALC3	1	Ctrl Samp		
44	Vial 44	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace	Replace	

Sequence Table (Back Injector):

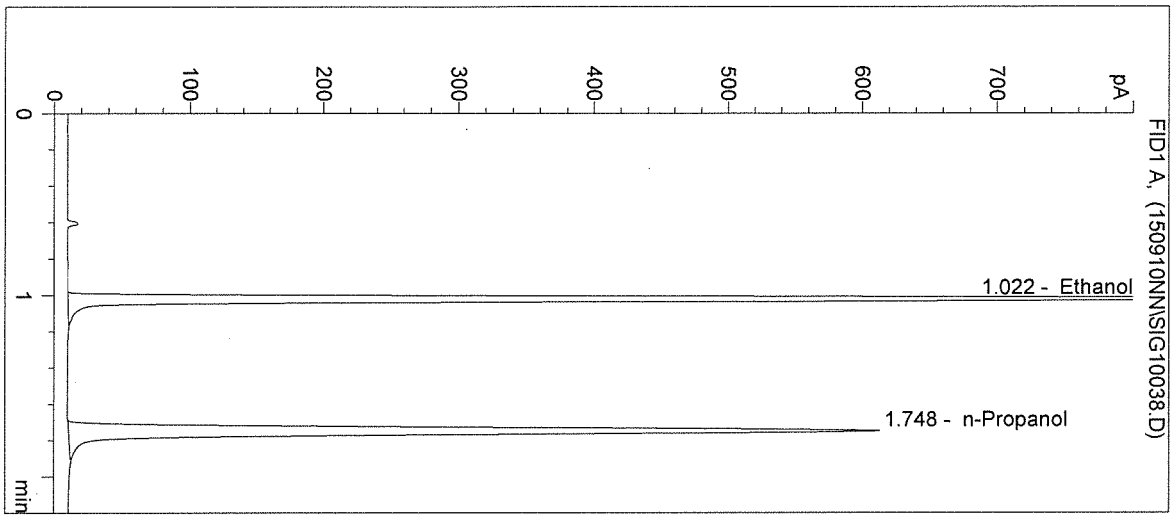
No entries - empty table!

15038
fw 9/2/15

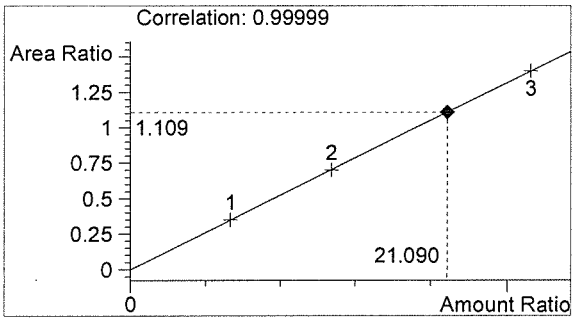
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2015 1:50:05 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

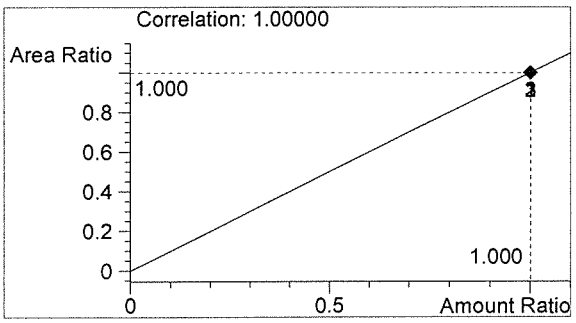
Sample Name: 15038 #1
Operator: Naziha Nuwayhid, PhD
Location: Vial 38



#	Compound	Peak Area	RT (min)
1	Ethanol	1767	1.022
2	n-Propanol	1593	1.748



Ethanol 0.253 g/100mL

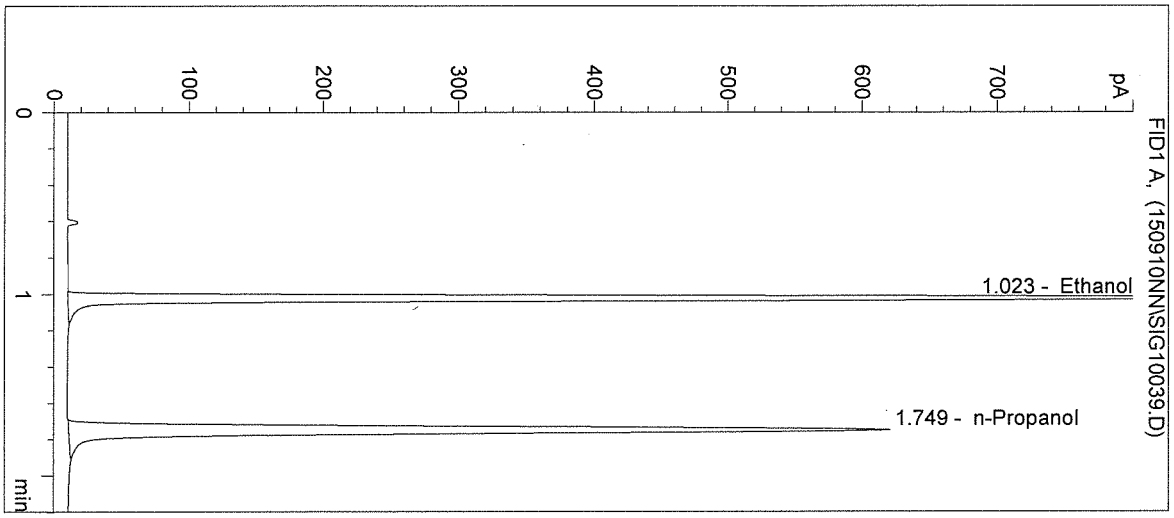


n-Propanol 0.012 g/100mL

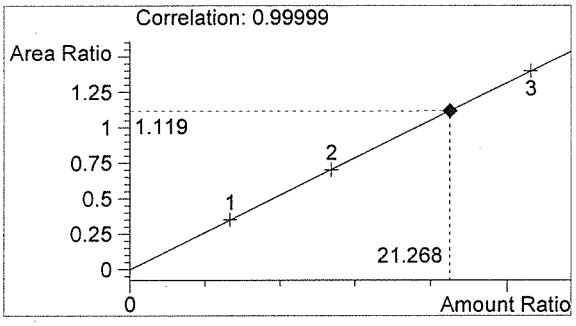
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2015 1:53:18 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

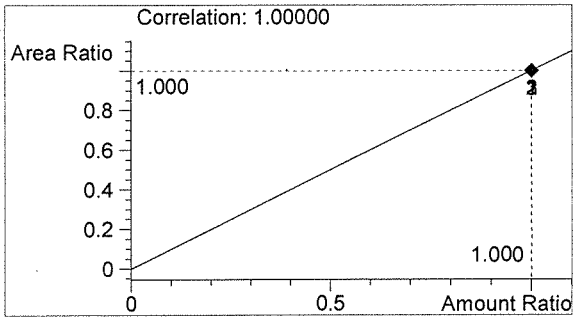
Sample Name: 15038 #2
Operator: Naziha Nuwayhid, PhD
Location: Vial 39



#	Compound	Peak Area	RT (min)
1	Ethanol	1806	1.023
2	n-Propanol	1614	1.749



Ethanol 0.255 g/100mL

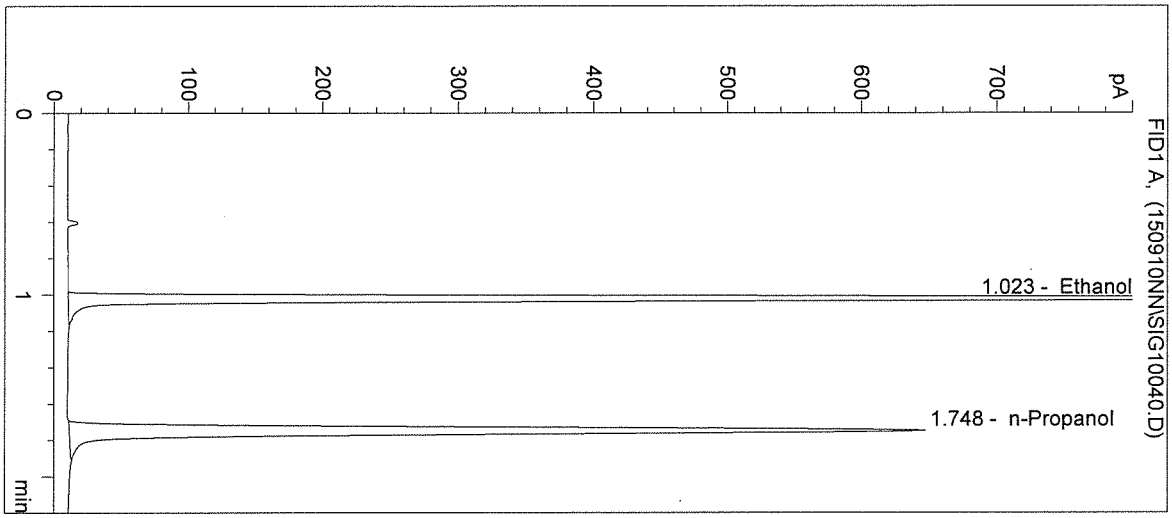


n-Propanol 0.012 g/100mL

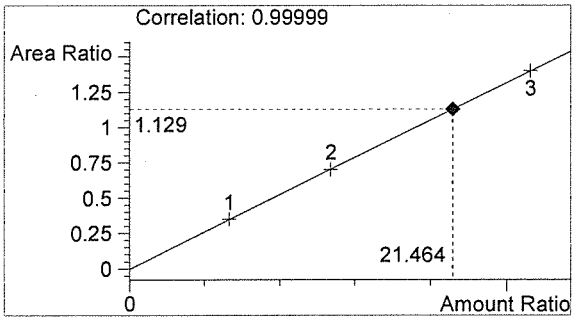
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2015 1:56:32 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

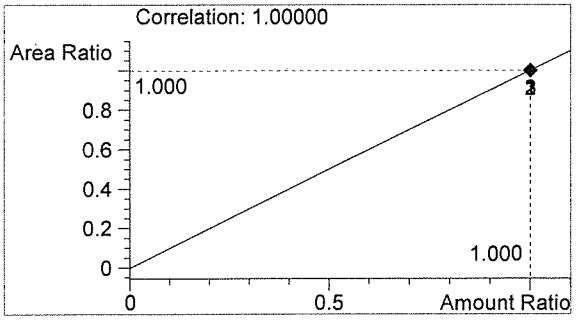
Sample Name: 15038 #3
Operator: Naziha Nuwayhid, PhD
Location: Vial 40



#	Compound	Peak Area	RT (min)
1	Ethanol	1896	1.023
2	n-Propanol	1680	1.748



Ethanol 0.258 g/100mL



n-Propanol 0.012 g/100mL

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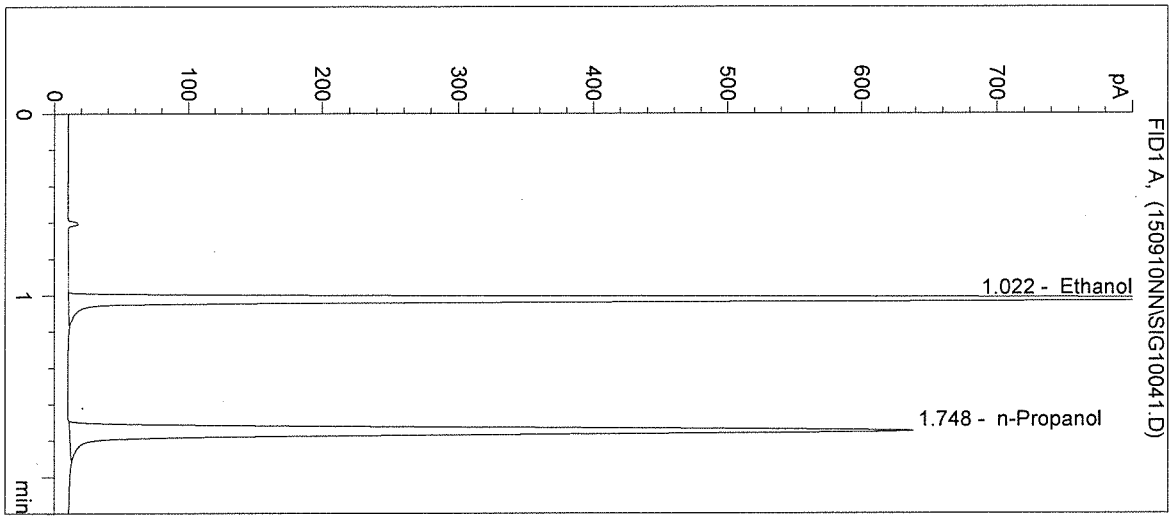
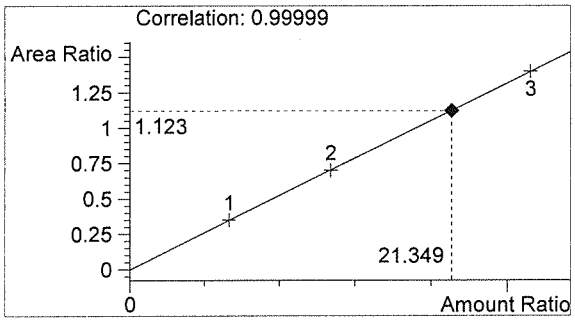
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2015 1:59:45 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

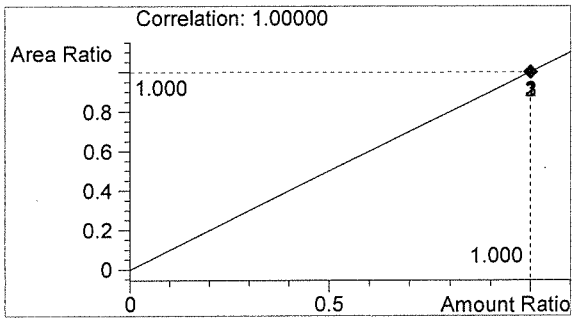
Sample Name: 15038 #4
Operator: Naziha Nuwayhid, PhD
Location: Vial 41



#	Compound	Peak Area	RT (min)
1	Ethanol	1868	1.022
2	n-Propanol	1663	1.748



Ethanol 0.256 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150910NN\SIG10041.D

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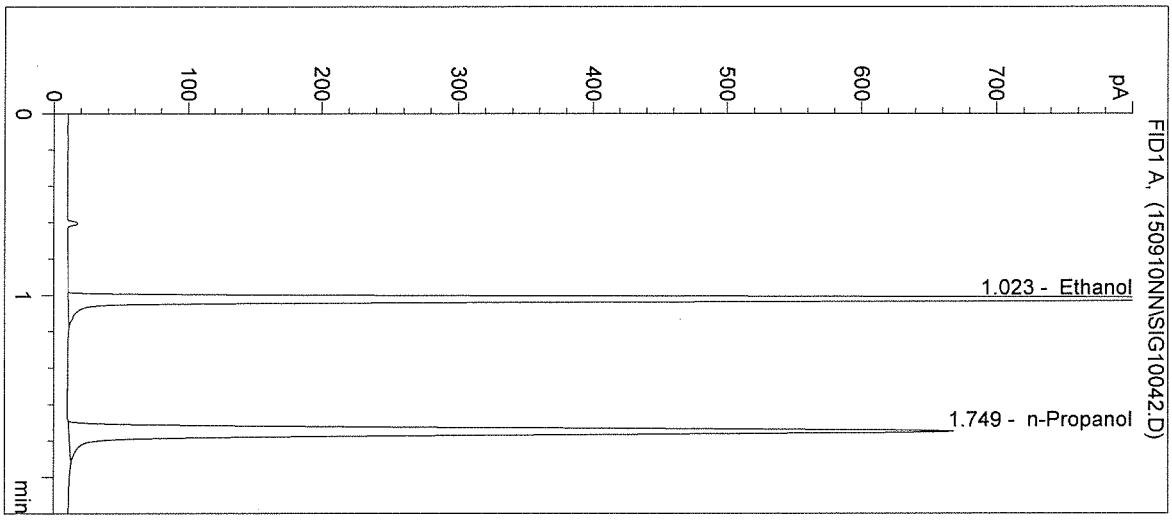
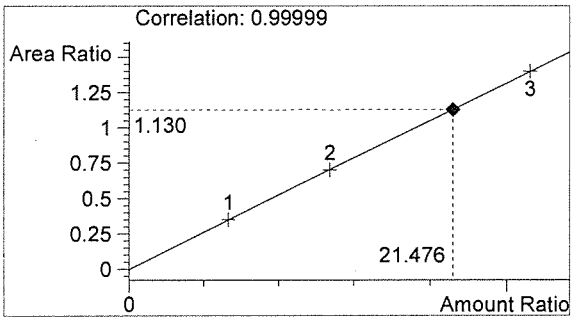
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2015 2:02:59 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

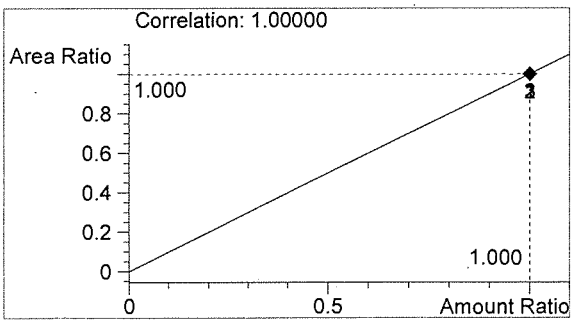
Sample Name: 15038 #5
Operator: Naziha Nuwayhid, PhD
Location: Vial 42



#	Compound	Peak Area	RT (min)
1	Ethanol	1967	1.023
2	n-Propanol	1742	1.749



Ethanol 0.258 g/100mL

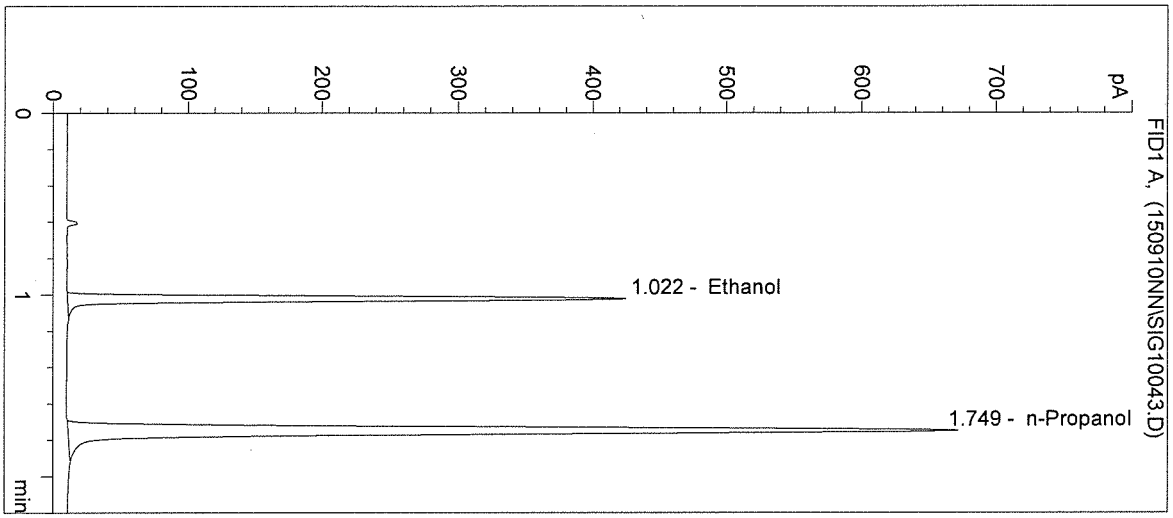


n-Propanol 0.012 g/100mL

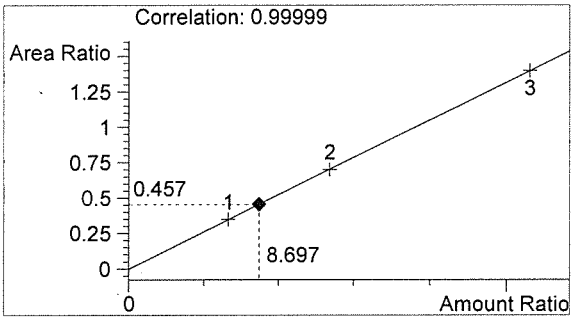
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2015 2:06:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15038

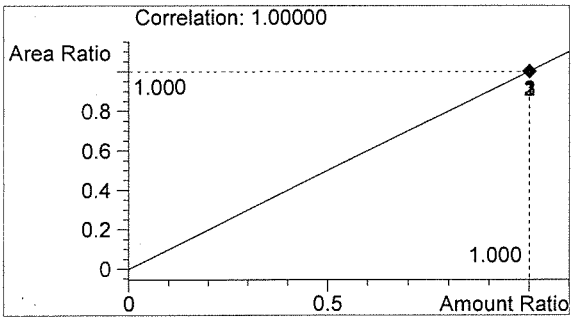
Sample Name: 0.10 CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 43



#	Compound	Peak Area	RT (min)
1	Ethanol	798	1.022
2	n-Propanol	1747	1.749



Ethanol 0.104 g/100mL



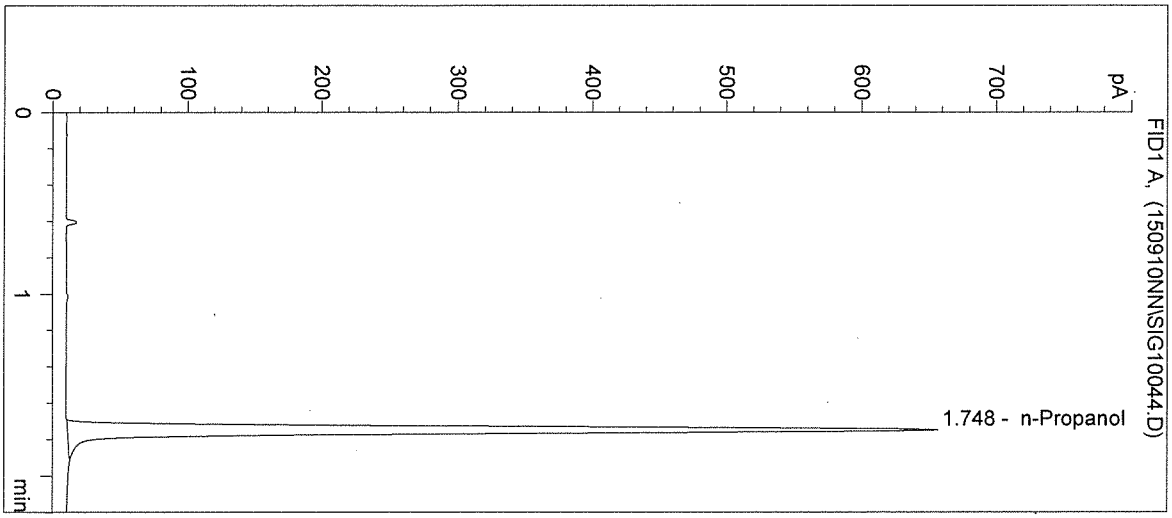
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150910NN\SIG10043.D

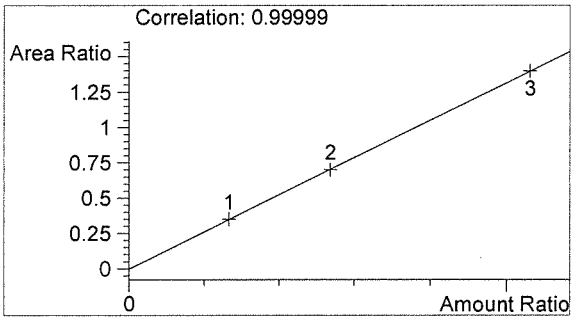
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2015 2:09:28 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15038

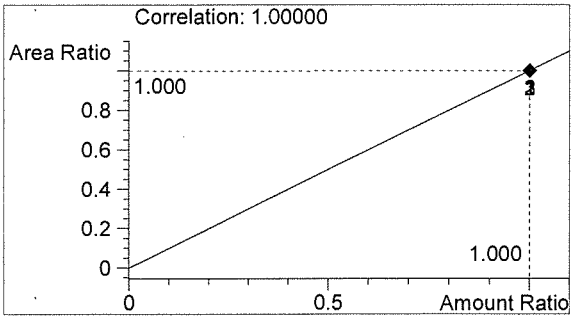
Sample Name: NEG CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 44



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1706	1.748



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150910NN\SIG10044.D

Sequence: C:\HPCHEM\2\SEQUENCE\RFQAP3.S

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\2\DATA\
Data Subdirectory:	150911RF
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. 12/2/2015
Ethanol Calibrator 2, E0615-02 - Exp. 12/2/2015
Ethanol Calibrator 3, E0615-03 - Exp. 12/2/2015
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#P0715 - Exp. 10/27/15

Calibration vials 1-9 filed with 15034.

Run inadvertently stopped after vial 34 due to wrong vial count downloaded to autosampler. ~~changed~~ RF 9.11.15
Changed vial #s in autosampler Control & Sequence automatically resumed RF 9.11.15

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	15034 #1	SIMALC3	1	Sample		
11	Vial 11	15034 #2	SIMALC3	1	Sample		
12	Vial 12	15034 #3	SIMALC3	1	Sample		
13	Vial 13	15034 #4	SIMALC3	1	Sample		
14	Vial 14	15034 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	15035 #1	SIMALC3	1	Sample		
18	Vial 18	15035 #2	SIMALC3	1	Sample		
19	Vial 19	15035 #3	SIMALC3	1	Sample		
20	Vial 20	15035 #4	SIMALC3	1	Sample		
21	Vial 21	15035 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	15036 #1	SIMALC3	1	Sample		
25	Vial 25	15036 #2	SIMALC3	1	Sample		
26	Vial 26	15036 #3	SIMALC3	1	Sample		

15038
9/12/15

RF

Sequence: C:\HPCHEM\2\SEQUENCE\RFQAP3.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	15036 #4	SIMALC3	1	Sample		
28	Vial 28	15036 #5	SIMALC3	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	15037 #1	SIMALC3	1	Sample		
32	Vial 32	15037 #2	SIMALC3	1	Sample		
33	Vial 33	15037 #3	SIMALC3	1	Sample		
34	Vial 34	15037 #4	SIMALC3	1	Sample		
35	Vial 35	15037 #5	SIMALC3	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		
38	Vial 38	15038 #1	SIMALC3	1	Sample		
39	Vial 39	15038 #2	SIMALC3	1	Sample		
40	Vial 40	15038 #3	SIMALC3	1	Sample		
41	Vial 41	15038 #4	SIMALC3	1	Sample		
42	Vial 42	15038 #5	SIMALC3	1	Sample		
43	Vial 43	0.10 CTRL	SIMALC3	1	Ctrl Samp		
44	Vial 44	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

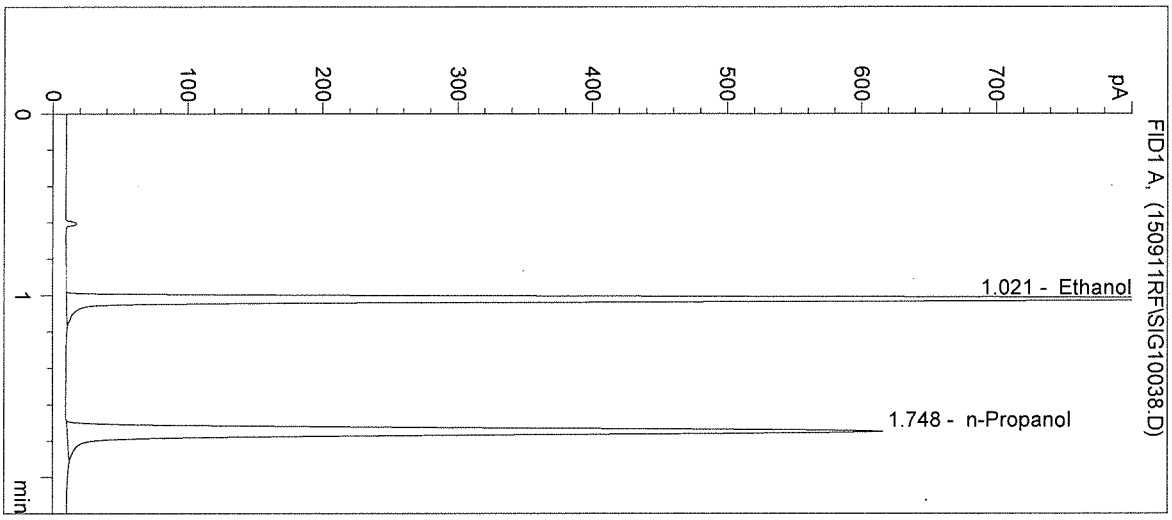
15038
fn 9/21/15

RF

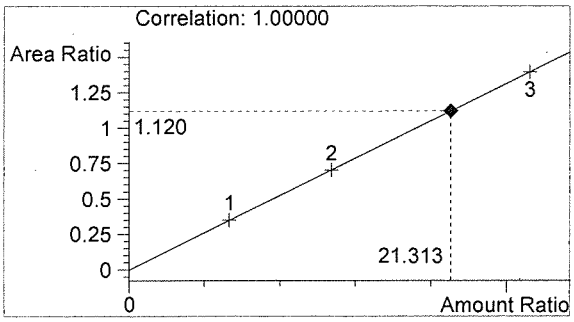
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2015 2:56:25 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

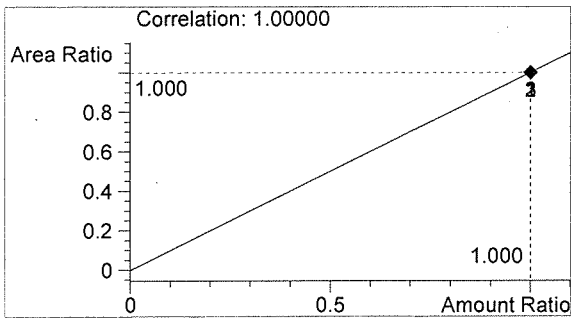
Sample Name: 15038 #1
Operator: Rebecca Flaherty
Location: Vial 38



#	Compound	Peak Area	RT (min)
1	Ethanol	1799	1.021
2	n-Propanol	1606	1.748



Ethanol 0.256 g/100mL

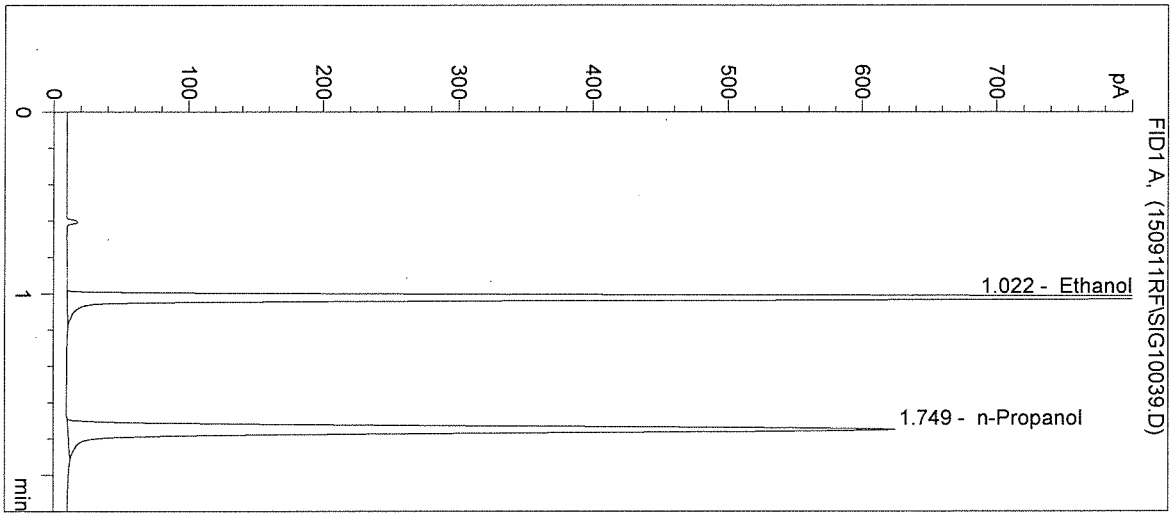


n-Propanol 0.012 g/100mL

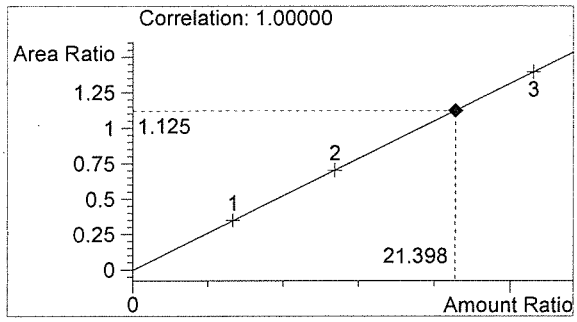
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2015 2:59:38 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

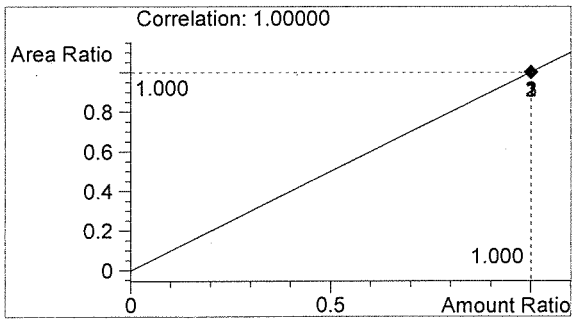
Sample Name: 15038 #2
Operator: Rebecca Flaherty
Location: Vial 39



#	Compound	Peak Area	RT (min)
1	Ethanol	1833	1.022
2	n-Propanol	1630	1.749



Ethanol 0.257 g/100mL

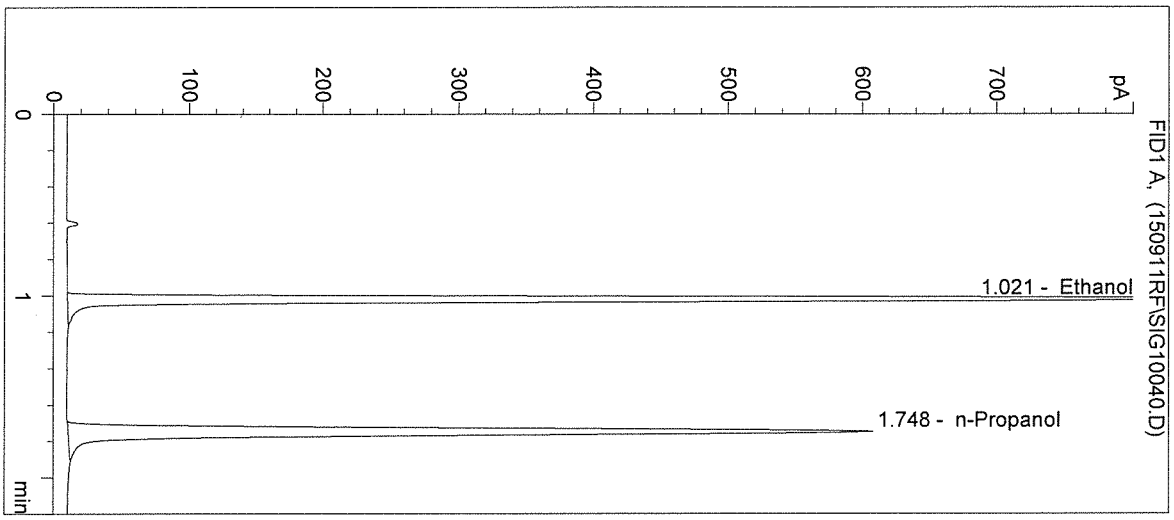


n-Propanol 0.012 g/100mL

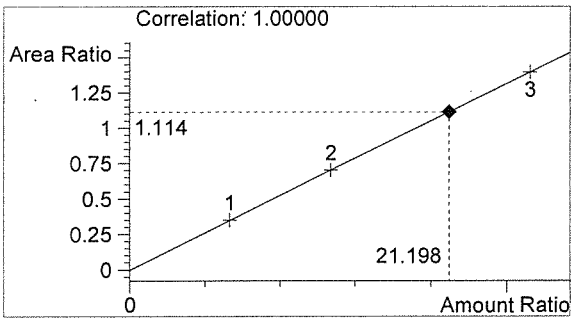
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2015 3:02:51 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

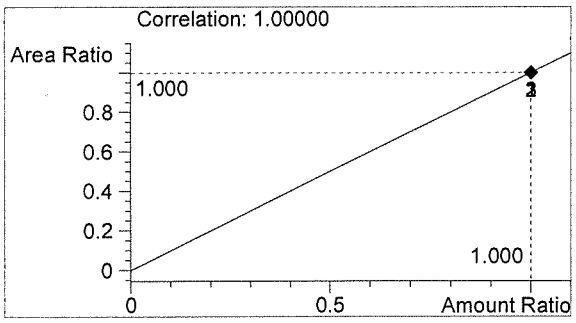
Sample Name: 15038 #3
Operator: Rebecca Flaherty
Location: Vial 40



#	Compound	Peak Area	RT (min)
1	Ethanol	1766	1.021
2	n-Propanol	1585	1.748



Ethanol 0.254 g/100mL



n-Propanol 0.012 g/100mL

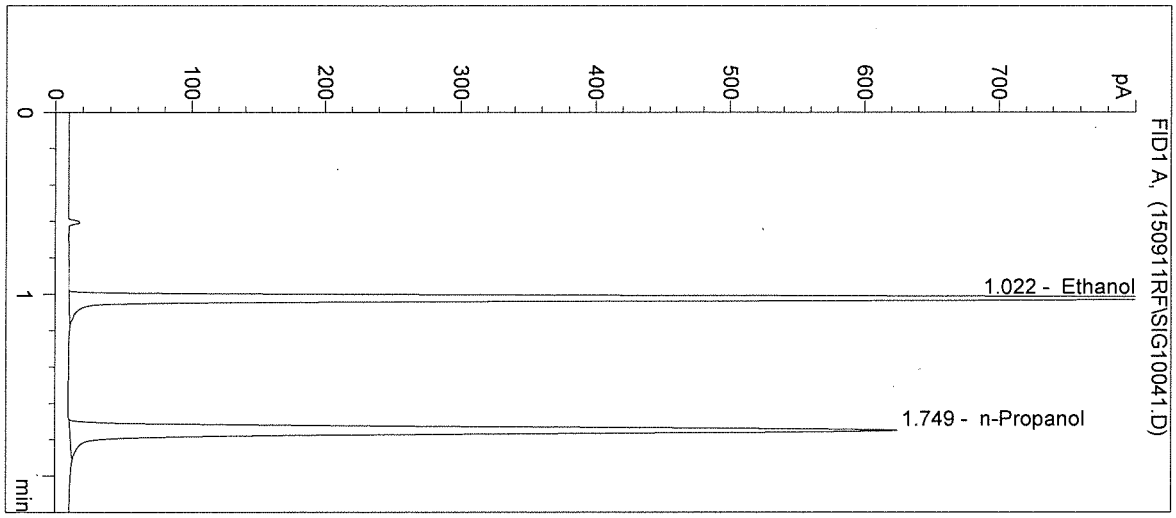
RF

Data File: C:\HPCHEM\2\DATA\150911RF\SIG10040.D

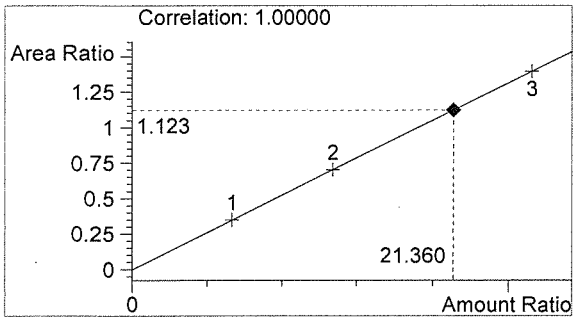
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2015 3:06:05 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

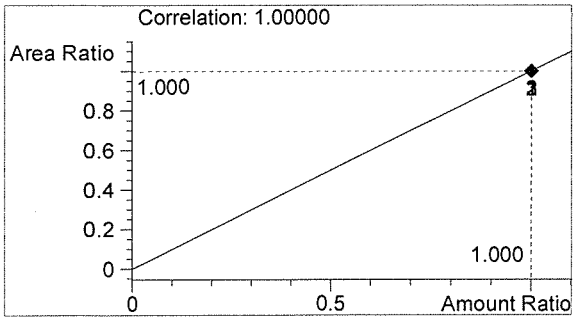
Sample Name: 15038 #4
Operator: Rebecca Flaherty
Location: Vial 41



#	Compound	Peak Area	RT (min)
1	Ethanol	1830	1.022
2	n-Propanol	1630	1.749



Ethanol 0.256 g/100mL

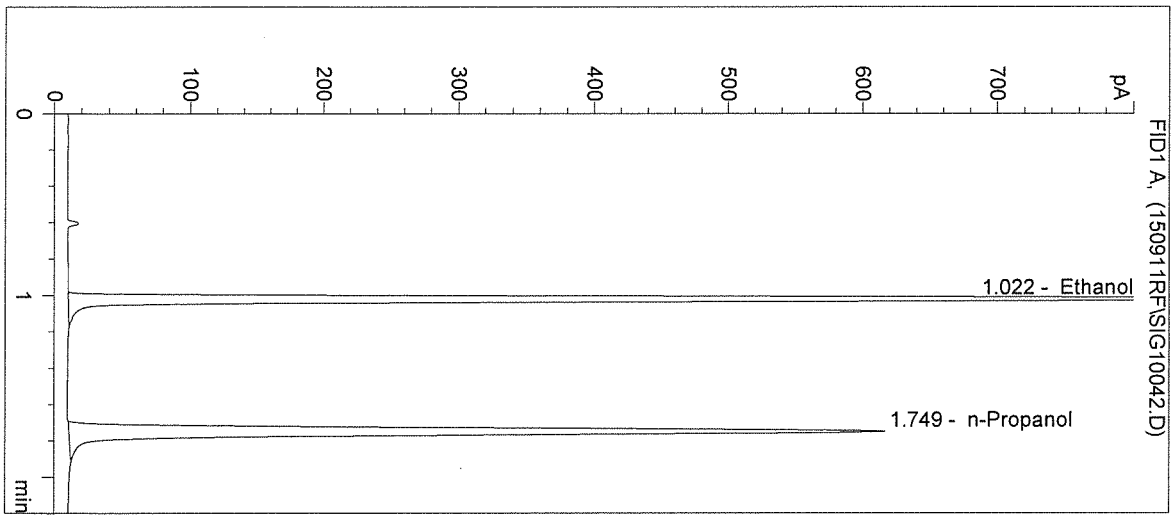


n-Propanol 0.012 g/100mL

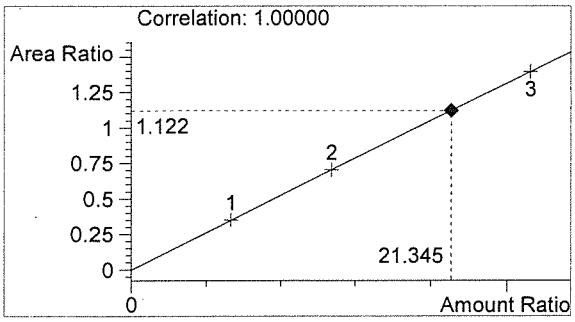
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2015 3:09:19 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

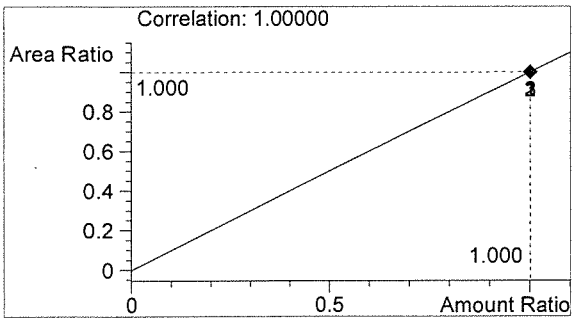
Sample Name: 15038 #5
Operator: Rebecca Flaherty
Location: Vial 42



#	Compound	Peak Area	RT (min)
1	Ethanol	1806	1.022
2	n-Propanol	1610	1.749



Ethanol 0.256 g/100mL

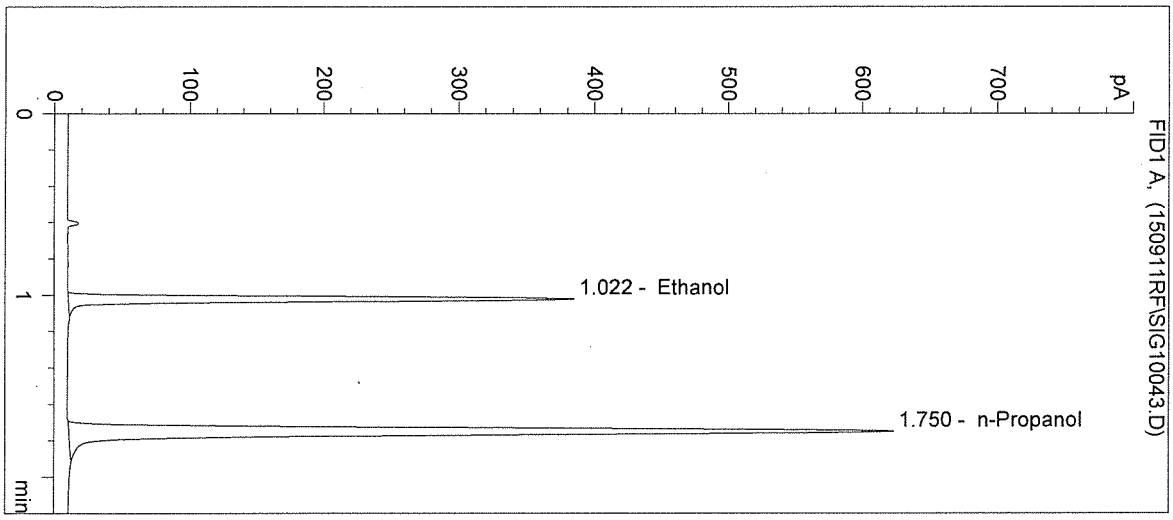


n-Propanol 0.012 g/100mL

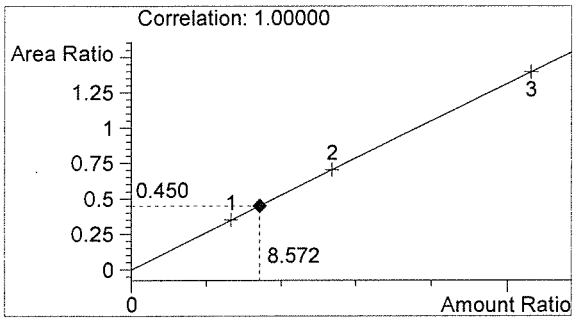
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2015 3:12:33 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15038

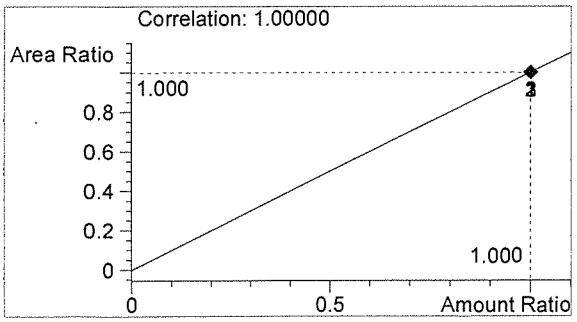
Sample Name: 0.10 CTRL
Operator: Rebecca Flaherty
Location: Vial 43



#	Compound	Peak Area	RT (min)
1	Ethanol	732	1.022
2	n-Propanol	1626	1.750



Ethanol 0.103 g/100mL

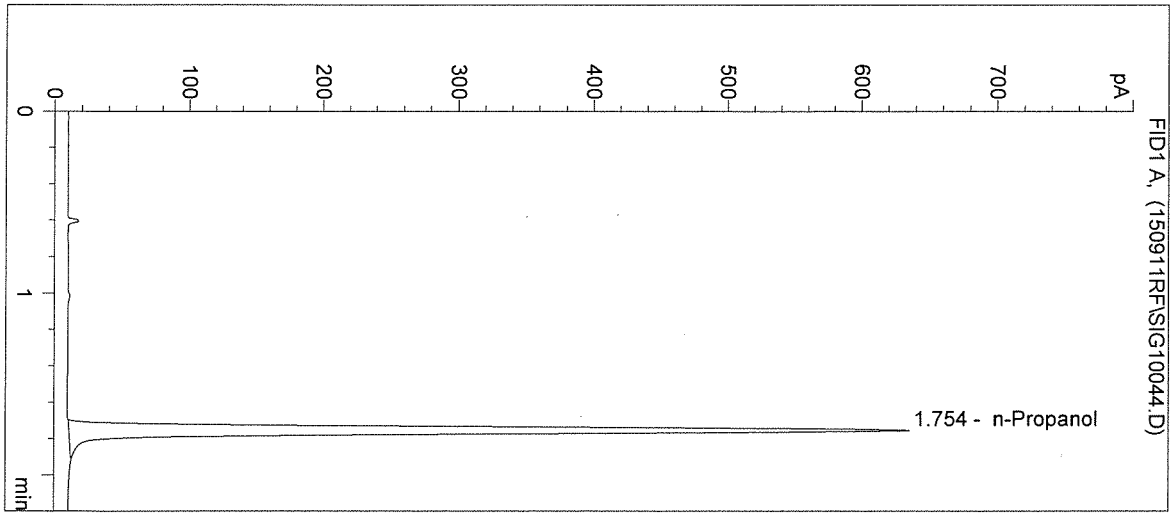


n-Propanol 0.012 g/100mL

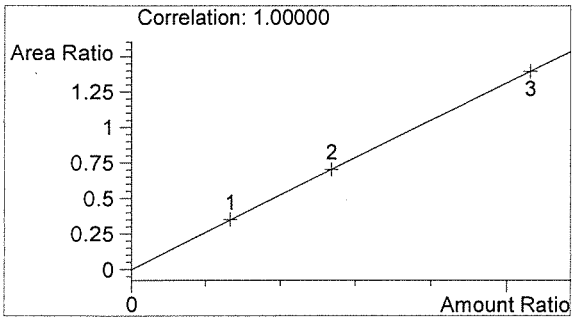
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2015 3:15:45 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15038

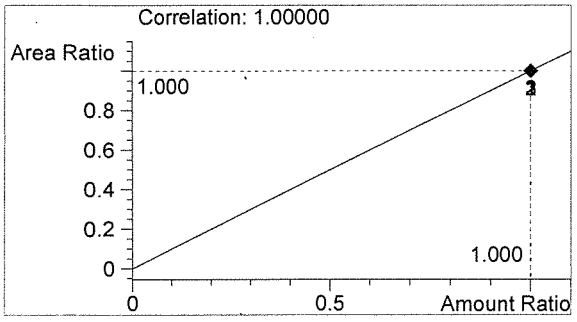
Sample Name: NEG CTRL
Operator: Rebecca Flaherty
Location: Vial 44



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1656	1.754



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Sequence: C:\HPCHEM\2\SEQUENCE\ACQAP3.S

Sequence Parameters:

Operator:	Amanda Chandler
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	150917AC
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. 12/2/2015
Ethanol Calibrator 2, E0615-02 - Exp. 12/2/2015
Ethanol Calibrator 3, E0615-03 - Exp. 12/2/2015
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#P0715 - Exp. 10/27/15

Calibration vials 1-9 filed with 15034.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	15034 #1	SIMALC3	1	Sample		
11	Vial 11	15034 #2	SIMALC3	1	Sample		
12	Vial 12	15034 #3	SIMALC3	1	Sample		
13	Vial 13	15034 #4	SIMALC3	1	Sample		
14	Vial 14	15034 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	15035 #1	SIMALC3	1	Sample		
18	Vial 18	15035 #2	SIMALC3	1	Sample		
19	Vial 19	15035 #3	SIMALC3	1	Sample		
20	Vial 20	15035 #4	SIMALC3	1	Sample		
21	Vial 21	15035 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	15036 #1	SIMALC3	1	Sample		
25	Vial 25	15036 #2	SIMALC3	1	Sample		
26	Vial 26	15036 #3	SIMALC3	1	Sample		

15038
fvg 12/15

AL

Sequence: C:\HPCHEM\2\SEQUENCE\ACQAP3.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	15036 #4	SIMALC3	1	Sample		
28	Vial 28	15036 #5	SIMALC3	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	15038 #1	SIMALC3	1	Sample		
32	Vial 32	15038 #2	SIMALC3	1	Sample		
33	Vial 33	15038 #3	SIMALC3	1	Sample		
34	Vial 34	15038 #4	SIMALC3	1	Sample		
35	Vial 35	15038 #5	SIMALC3	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		
38	Vial 38	15039 #1	SIMALC3	1	Sample		
39	Vial 39	15039 #2	SIMALC3	1	Sample		
40	Vial 40	15039 #3	SIMALC3	1	Sample		
41	Vial 41	15039 #4	SIMALC3	1	Sample		
42	Vial 42	15039 #5	SIMALC3	1	Sample		
43	Vial 43	0.10 CTRL	SIMALC3	1	Ctrl Samp		
44	Vial 44	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

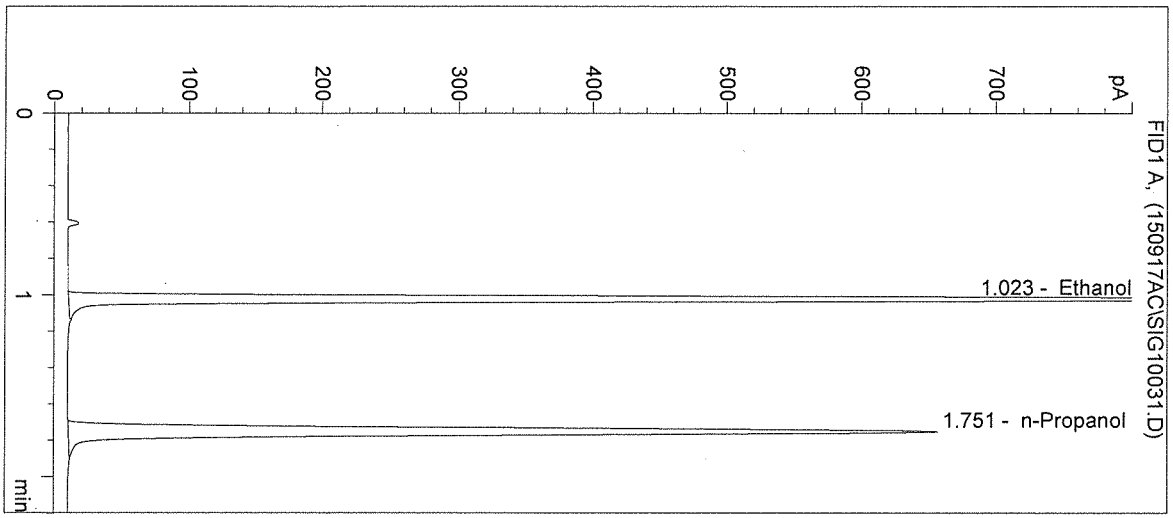
15038
fna/2015

AR

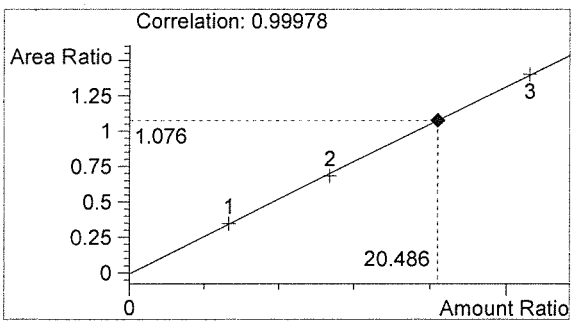
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2015 12:54:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

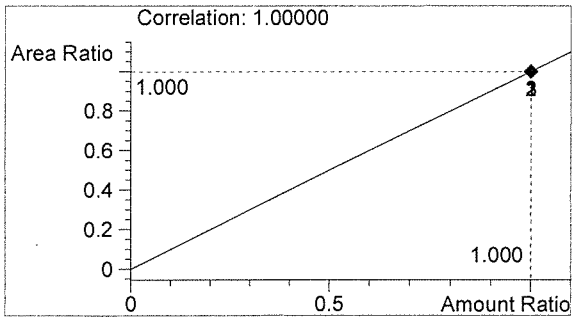
Sample Name: 15038 #1
Operator: Amanda Chandler
Location: Vial 31



#	Compound	Peak Area	RT (min)
1	Ethanol	1879	1.023
2	n-Propanol	1746	1.751



Ethanol 0.246 g/100mL



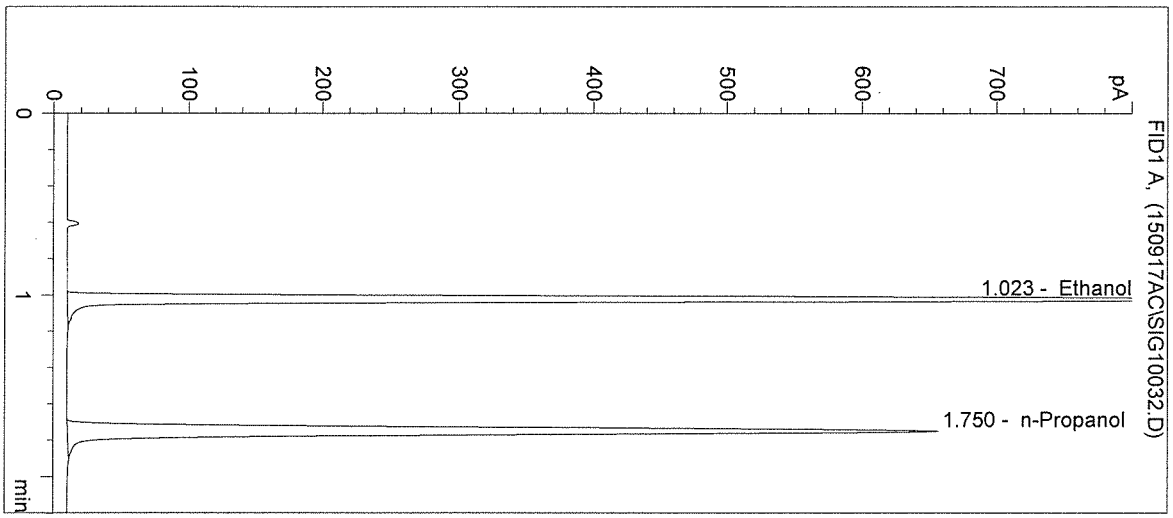
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150917AC\SIG10031.D

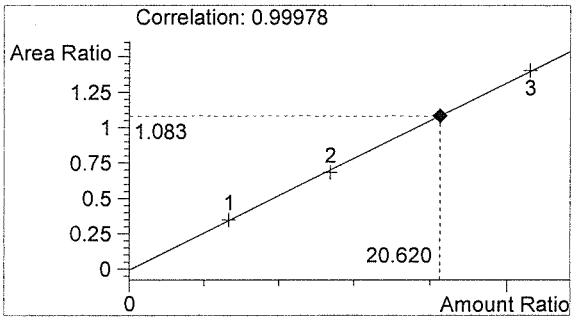
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2015 12:57:25 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

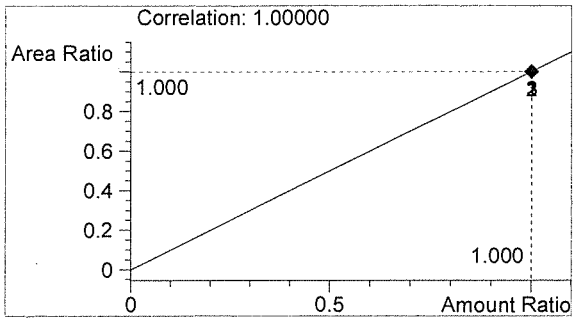
Sample Name: 15038 #2
Operator: Amanda Chandler
Location: Vial 32



#	Compound	Peak Area	RT (min)
1	Ethanol	1893	1.023
2	n-Propanol	1748	1.750



Ethanol 0.247 g/100mL



n-Propanol 0.012 g/100mL

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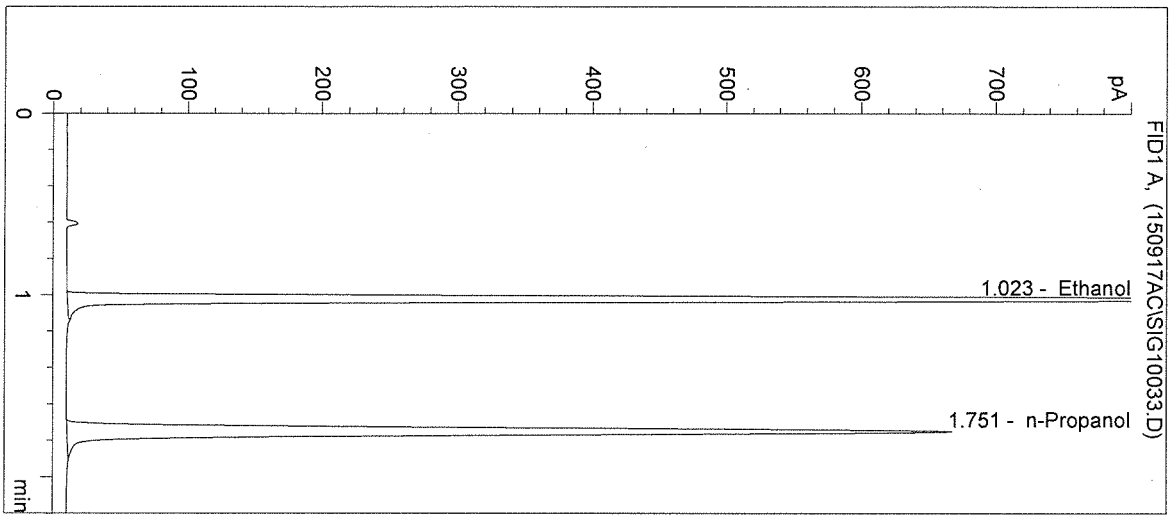
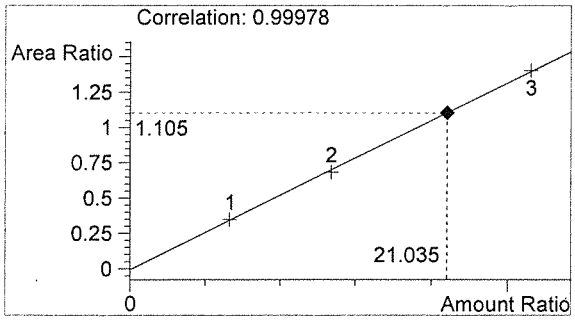
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2015 1:00:39 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

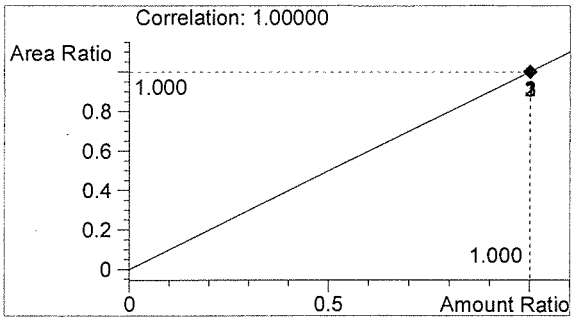
Sample Name: 15038 #3
Operator: Amanda Chandler
Location: Vial 33



#	Compound	Peak Area	RT (min)
1	Ethanol	1962	1.023
2	n-Propanol	1776	1.751



Ethanol 0.252 g/100mL



n-Propanol 0.012 g/100mL

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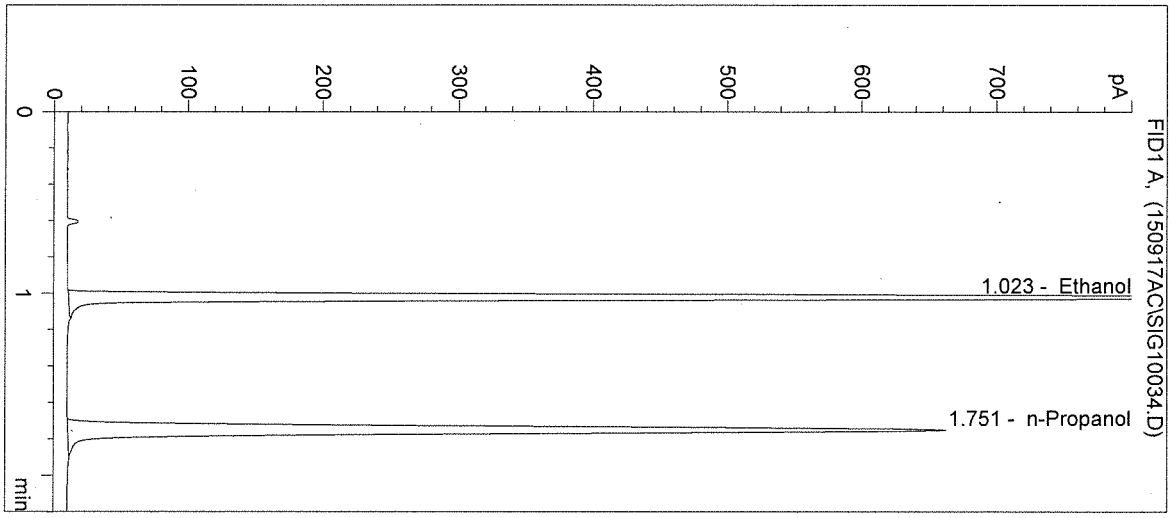
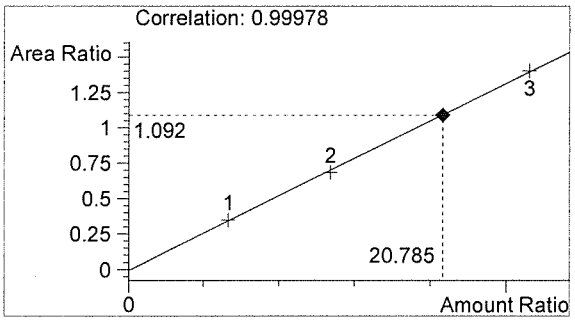
Inj. Date: 9/17/2015 1:03:52 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

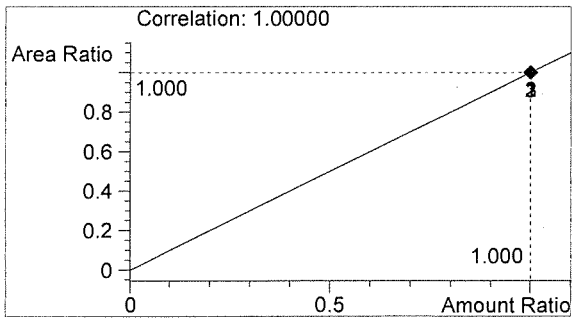
Sample Name: 15038 #4
Operator: Amanda Chandler
Location: Vial 34



#	Compound	Peak Area	RT (min)
1	Ethanol	1924	1.023
2	n-Propanol	1762	1.751



Ethanol 0.249 g/100mL



n-Propanol 0.012 g/100mL

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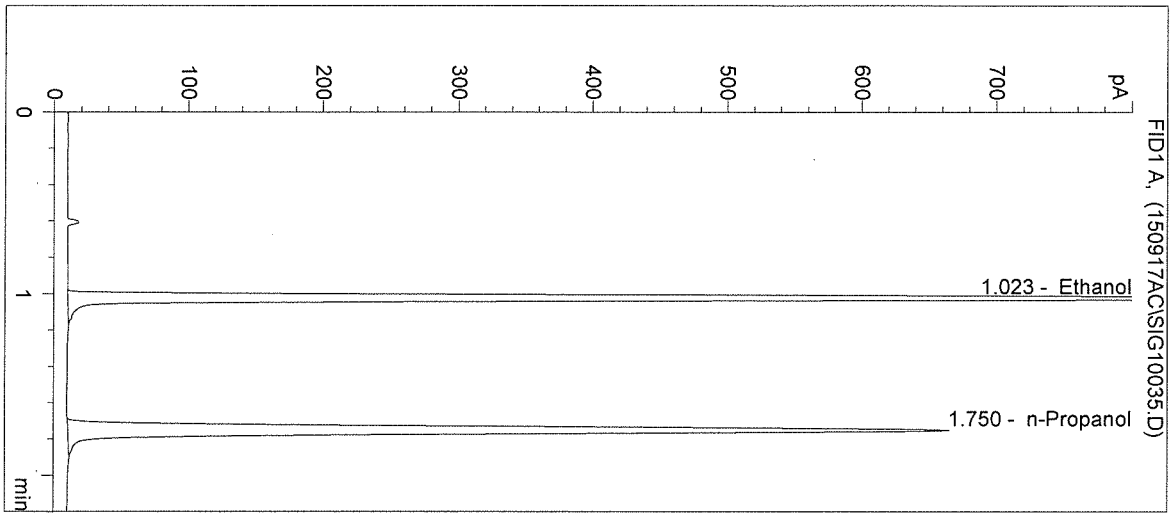
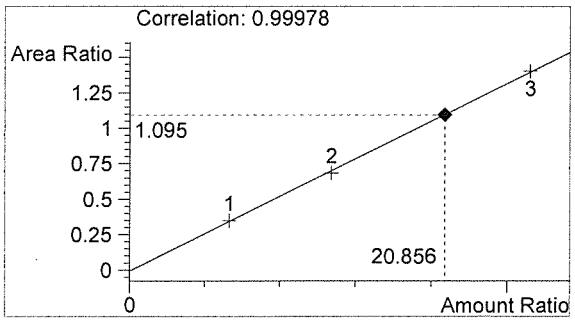
Inj. Date: 9/17/2015 1:07:06 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

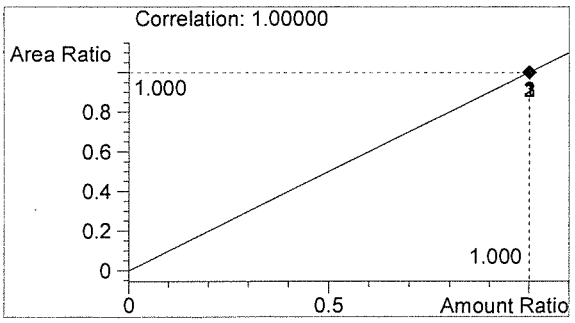
Sample Name: 15038 #5
Operator: Amanda Chandler
Location: Vial 35



#	Compound	Peak Area	RT (min)
1	Ethanol	1944	1.023
2	n-Propanol	1774	1.750



Ethanol 0.250 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150917AC\SIG10035.D

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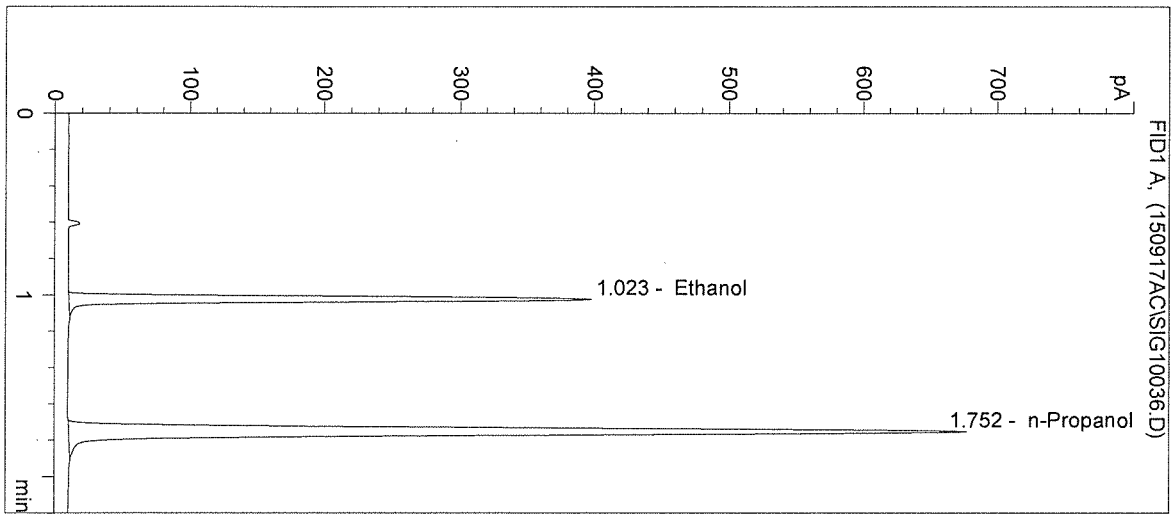
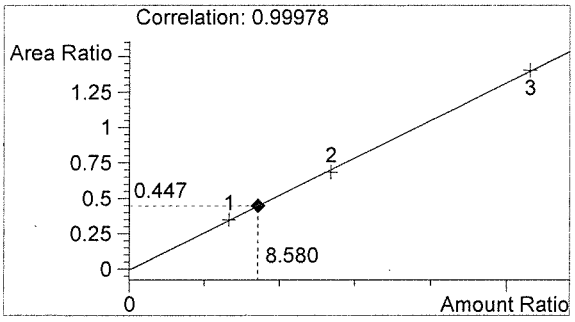
Inj. Date: 9/17/2015 1:10:19 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15038

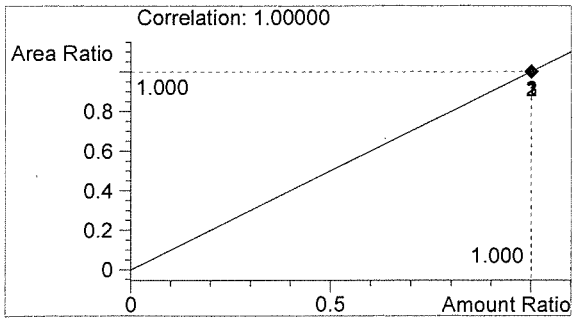
Sample Name: 0.10 CTRL
Operator: Amanda Chandler
Location: Vial 36



#	Compound	Peak Area	RT (min)
1	Ethanol	808	1.023
2	n-Propanol	1809	1.752



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150917AC\SIG10036.D

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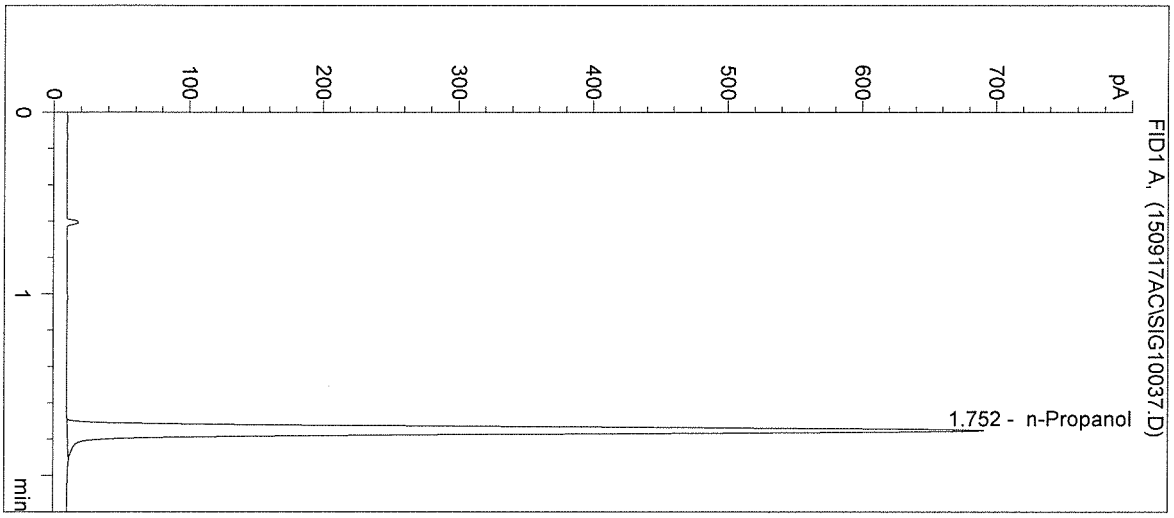
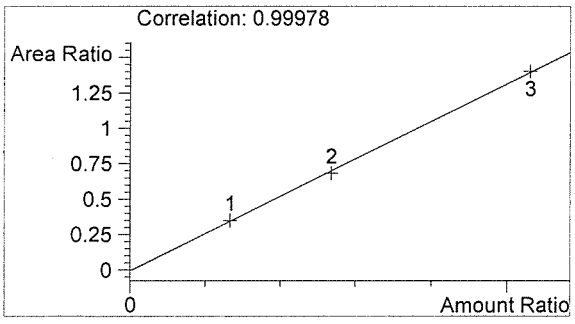
Inj. Date: 9/17/2015 1:13:32 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15038

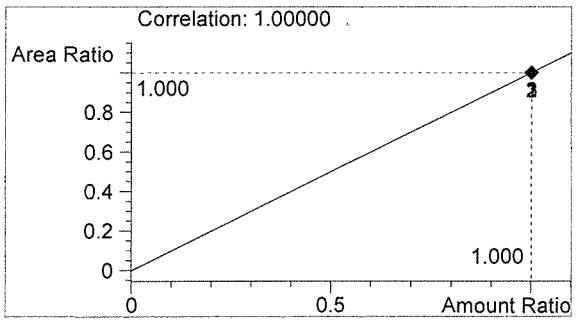
Sample Name: NEG CTRL
Operator: Amanda Chandler
Location: Vial 37



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1841	1.752



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\150917AC\SIG10037.D