

APPROVED

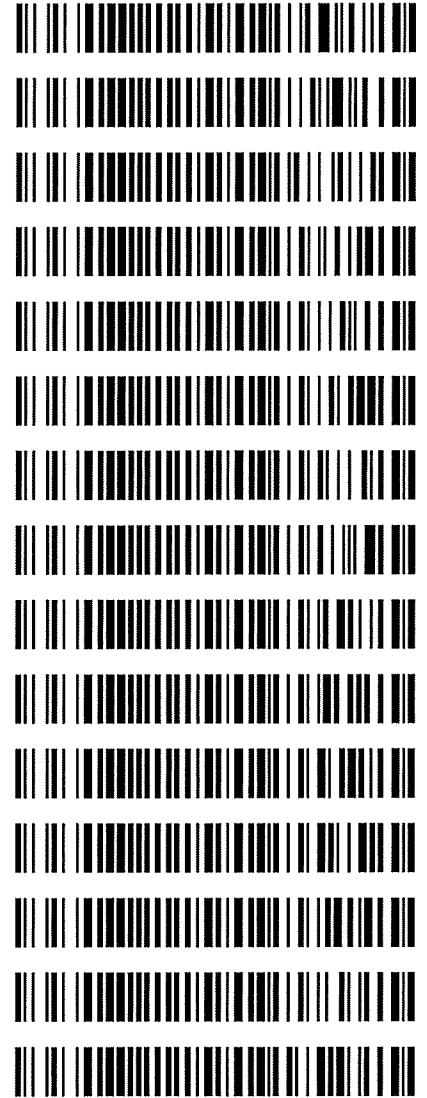
By John Garner at 3:24 pm, May 08, 2020



5/8/2020

Worklist: 4221

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2020-1279	1	BCK	Alcohol Analysis
P2020-1282	1	BCK	Alcohol Analysis
P2020-1294	1	BCK	Alcohol Analysis
P2020-1304	1	BCK	Alcohol Analysis
P2020-1305	1	BCK	Alcohol Analysis
P2020-1306	1	BCK	Alcohol Analysis
P2020-1307	1	BCK	Alcohol Analysis
P2020-1308	1	BCK	Alcohol Analysis
P2020-1309	1	BCK	Alcohol Analysis
P2020-1310	1	BCK	Alcohol Analysis
P2020-1313	1	BCK	Alcohol Analysis
P2020-1314	1	BCK	Alcohol Analysis
P2020-1315	1	BCK	Alcohol Analysis
P2020-1316	1	BCK	Alcohol Analysis
P2020-1349	1	BCK	Alcohol Analysis



Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: MD96JF1032

Volatiles Quality Assurance Controls

Run Date(s): 05/07/2020-05/08/2020

Calibration curve ran 05/07/2020 by TS

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0777 g/100cc 0.0773 g/100cc g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1952 g/100cc g/100cc
Multi-Component mixture:			Lot #	FN07101701	
Curve Fit:		Column 1	1.00000	Column2	1.00000

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0498	0.0503	0.0005	0.05
100	0.100	0.090 - 0.110	0.0993	0.0992	0.0001	0.0992
200	0.200	0.180 - 0.220	0.2002	0.2001	0.0001	0.2001
300	0.300	0.270 - 0.330	0.2995	0.2995	0	0.2995
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5004	0.5004	0	0.5004

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.079 g/100cc

TS

13

=====
 Calibration Table
 =====

 General Calibration Setting

Calib. Data Modified : Thursday, May 07, 2020 12:49:39 PM
 Signals calculated separately : No

Rel. Reference Window : 0.000 %
 Abs. Reference Window : 0.100 min
 Rel. Non-ref. Window : 0.000 %
 Abs. Non-ref. Window : 0.100 min
 Uncalibrated Peaks : not reported
 Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
 Origin : Forced
 Weight : Equal

Recalibration Settings:
 Average Response : Average all calibrations
 Average Retention Time: Floating Average New 75%

Calibration Report Options :
 Printout of recalibrations within a sequence:
 Calibration Table after Recalibration
 Normal Report after Recalibration
 If the sequence is done with bracketing:
 Results of first cycle (ending previous bracket)

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100cc]	Name
1	1.00000	n-Propanol
2	1.00000	n-Propanol

 Signal Details

Signal 1: FID1 A, Front Signal
 Signal 2: FID2 B, Back Signal

 Overview Table

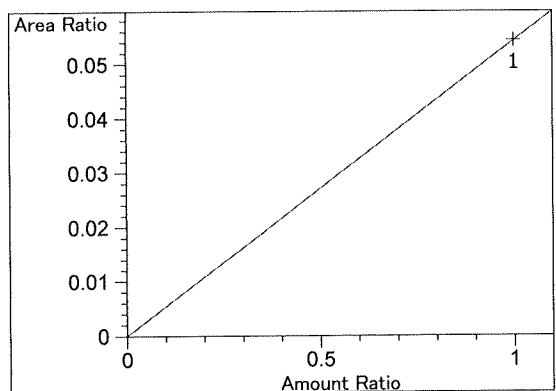
B

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD #	Compound
2.470	2	1	1.00000	6.45200	1.54991e-1	No	No	2 Fluorinated ethane
2.480	1	1	1.00000	1.84105	5.43168e-1	No	No	1 Fluorinated ethane
2.866	1	1	1.00000	3.69669	2.70512e-1	No	No	1 Methanol
3.177	1	1	1.00000	10.52400	9.50209e-2	No	No	1 Acetaldehyde
3.250	2	1	1.00000	11.54700	8.66026e-2	No	No	2 Acetaldehyde
3.530	1	1	5.00000e-2	11.33110	4.41263e-3	No	No	1 Ethanol
		2	1.00000e-1	22.71041	4.40327e-3			
		3	2.00000e-1	44.78265	4.46602e-3			
		4	3.00000e-1	68.66364	4.36912e-3			
		5	5.00000e-1	114.78472	4.35598e-3			
3.732	2	1	1.00000	4.26062	2.34707e-1	No	No	2 Methanol
4.245	1	1	1.00000	9.73055	1.02769e-1	No	No	1 Isopropyl alcohol
4.848	2	1	5.00000e-2	11.07945	4.51286e-3	No	No	2 Ethanol
		2	1.00000e-1	22.00630	4.54415e-3			
		3	2.00000e-1	43.30785	4.61810e-3			
		4	3.00000e-1	66.42436	4.51642e-3			
		5	5.00000e-1	111.06065	4.50204e-3			
5.159	1	1	1.00000	6.49940	1.53860e-1	No	No	1 Acetone
5.278	2	1	1.00000	6.89301	1.45075e-1	No	No	2 Acetone
5.584	1	1	1.00000	123.51070	8.09646e-3	No	Yes	1 n-Propanol
		2	1.00000	124.04877	8.06135e-3			
		3	1.00000	121.30633	8.24359e-3			
		4	1.00000	124.34347	8.04224e-3			
		5	1.00000	124.40074	8.03854e-3			
		6	1.00000	111.45872	8.97193e-3			
5.657	2	1	1.00000	10.70642	9.34019e-2	No	No	2 Isopropyl alcohol
8.849	2	1	1.00000	118.77338	8.41939e-3	No	Yes	2 n-Propanol
		2	1.00000	119.56142	8.36390e-3			
		3	1.00000	116.65877	8.57201e-3			
		4	1.00000	119.57159	8.36319e-3			
		5	1.00000	119.65588	8.35730e-3			
		6	1.00000	113.50471	8.81021e-3			
11.631	2	1	1.00000	864.84247	1.15628e-3	No	No	2 Toluene
12.229	1	1	1.00000	918.48389	1.08875e-3	No	No	1 Toluene

Peak Sum Table

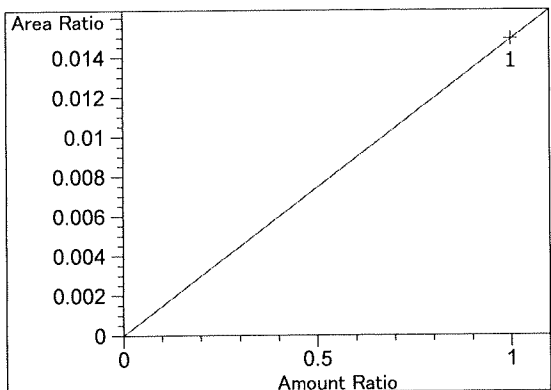
No Entries in table

Calibration Curves

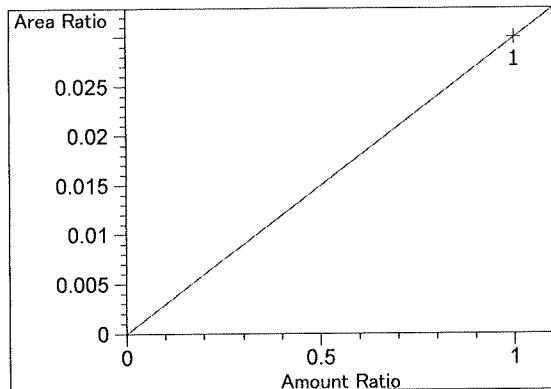


Fluorinated ethane at exp. RT: 2.470
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx$
 m: 5.43219e-2
 x: Amount Ratio
 y: Area Ratio

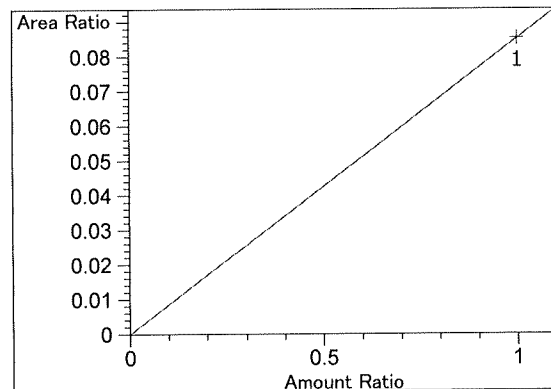
TS



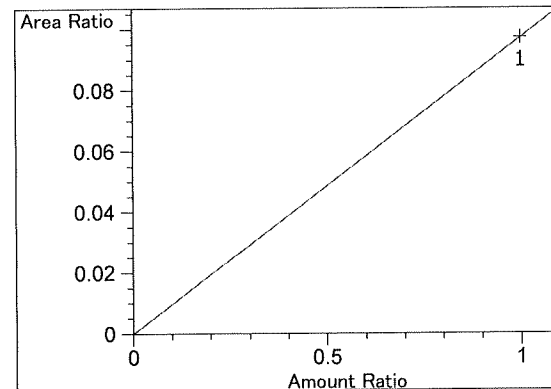
Fluorinated ethane at exp. RT: 2.480
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx$
 m: 1.49060e-2
 x: Amount Ratio
 y: Area Ratio



Methanol at exp. RT: 2.866
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx$
 m: 2.99302e-2
 x: Amount Ratio
 y: Area Ratio

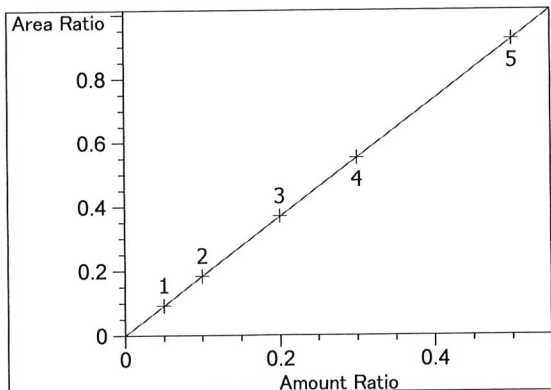


Acetaldehyde at exp. RT: 3.177
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx$
 m: 8.52072e-2
 x: Amount Ratio
 y: Area Ratio

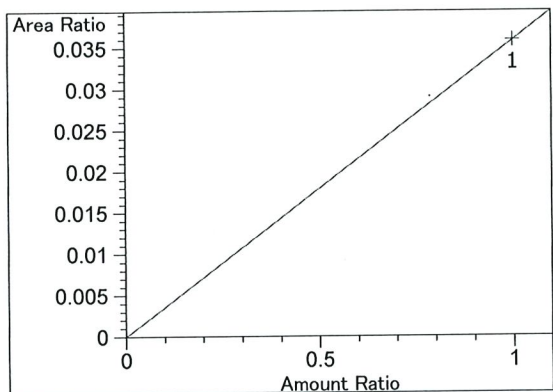


Acetaldehyde at exp. RT: 3.250
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx$
 m: 9.72188e-2
 x: Amount Ratio
 y: Area Ratio

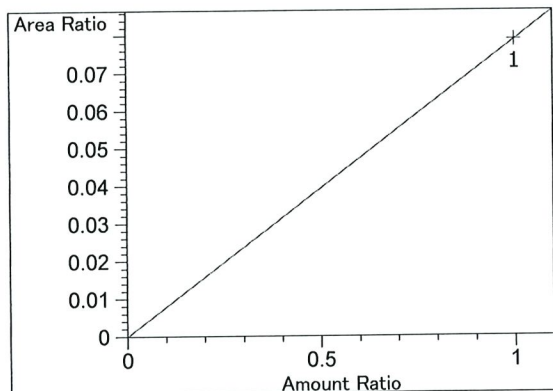
B



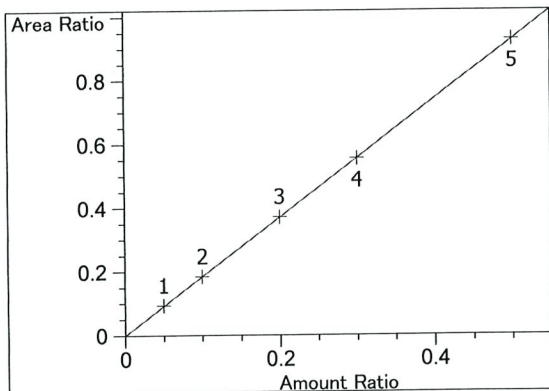
Ethanol at exp. RT: 3.530
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00094
 Formula: $y = mx$
 m: 1.84393
 x: Amount Ratio
 y: Area Ratio



Methanol at exp. RT: 3.732
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx$
 m: 3.58719e-2
 x: Amount Ratio
 y: Area Ratio

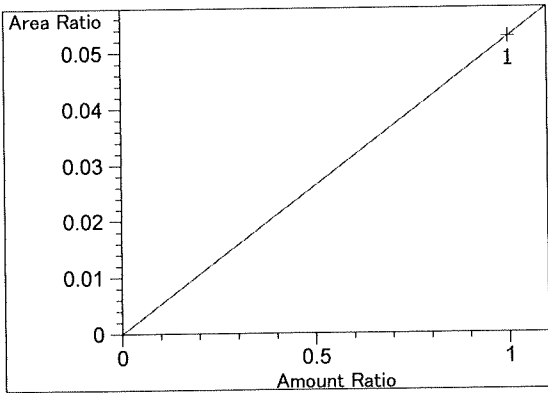


Isopropyl alcohol at exp. RT: 4.245
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx$
 m: 7.87831e-2
 x: Amount Ratio
 y: Area Ratio

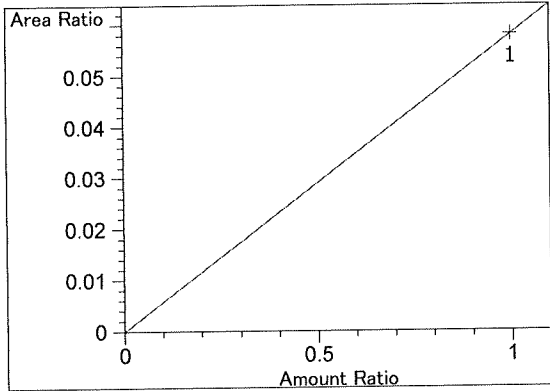


Ethanol at exp. RT: 4.848
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00098
 Formula: $y = mx$
 m: 1.85492
 x: Amount Ratio
 y: Area Ratio

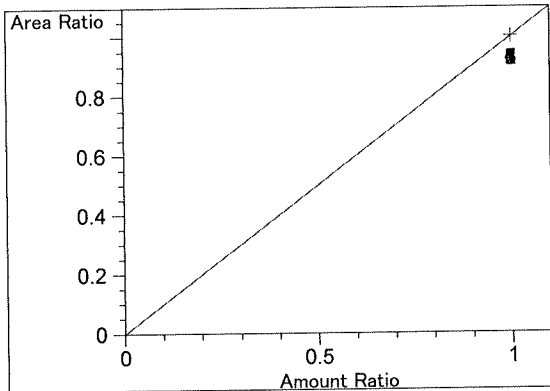
TS



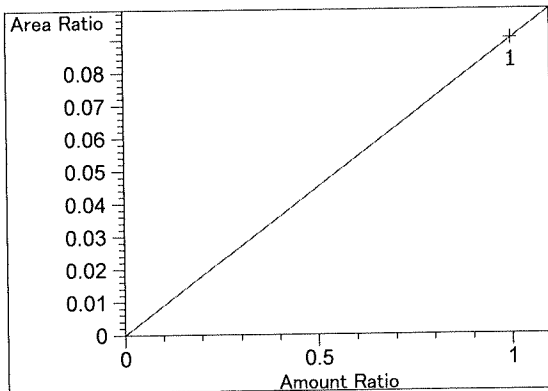
Acetone at exp. RT: 5.159
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx$
 m: $5.26222e-2$
 x: Amount Ratio
 y: Area Ratio



Acetone at exp. RT: 5.278
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx$
 m: $5.80350e-2$
 x: Amount Ratio
 y: Area Ratio

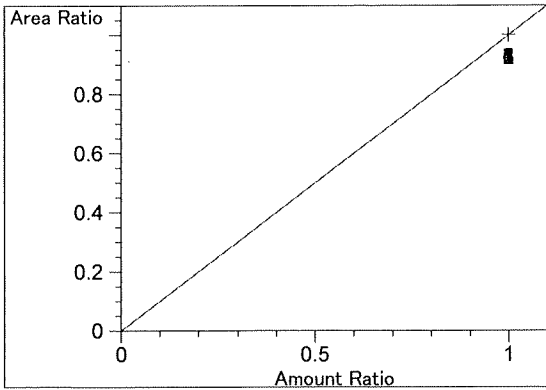


n-Propanol at exp. RT: 5.584
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx$
 m: 1.00000
 x: Amount Ratio
 y: Area Ratio

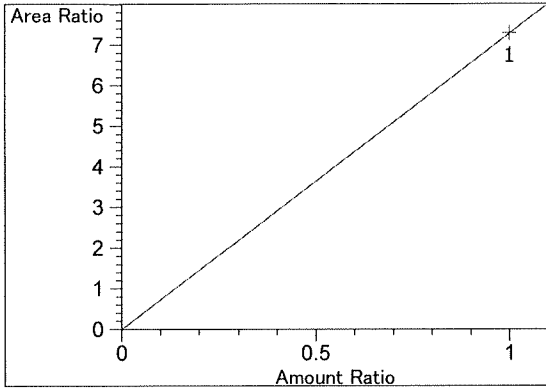


Isopropyl alcohol at exp. RT: 5.657
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx$
 m: $9.01415e-2$
 x: Amount Ratio
 y: Area Ratio

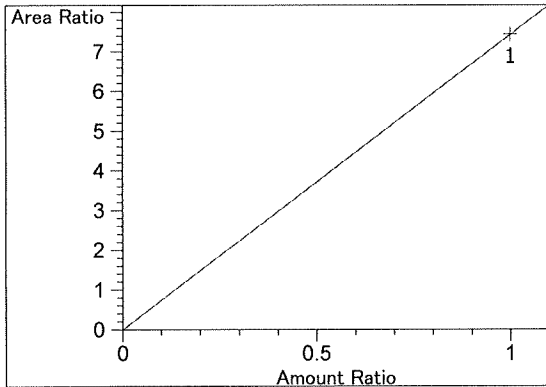
TS



n-Propanol at exp. RT: 8.849
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx$
m: 1.00000
x: Amount Ratio
y: Area Ratio



Toluene at exp. RT: 11.631
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx$
m: 7.28145
x: Amount Ratio
y: Area Ratio



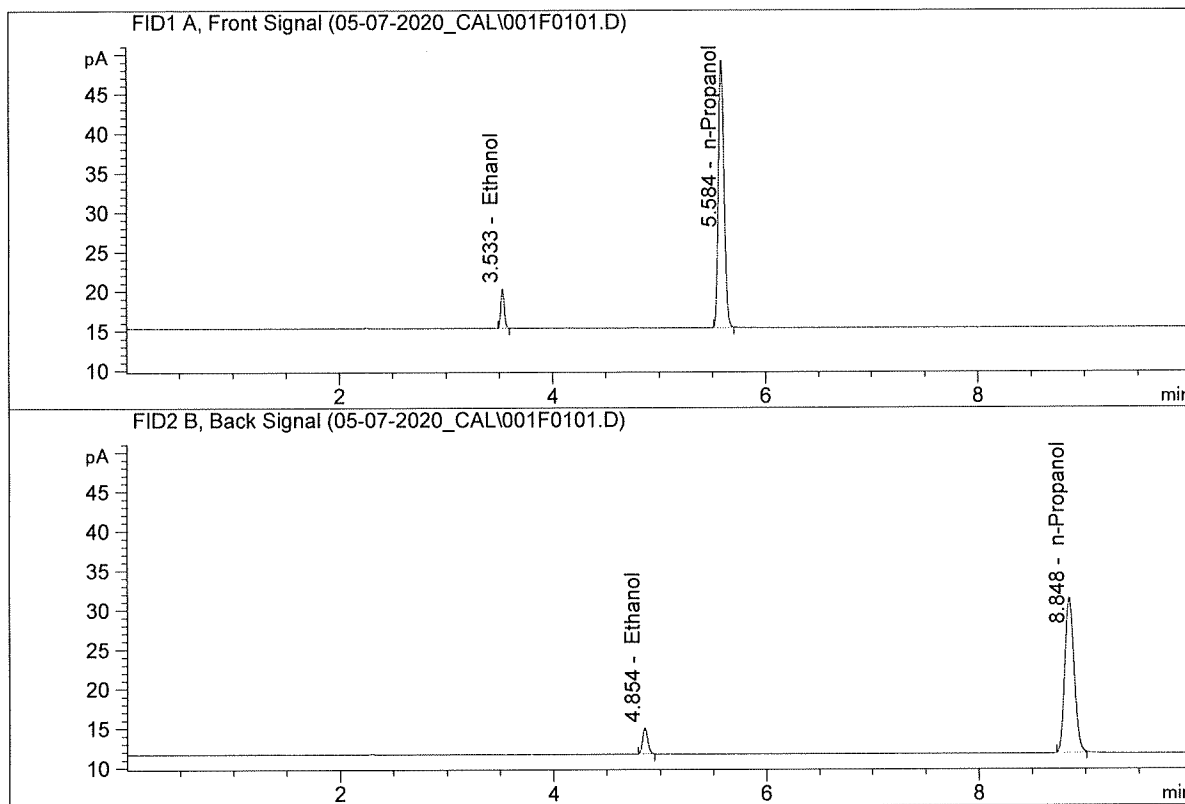
Toluene at exp. RT: 12.229
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx$
m: 7.43647
x: Amount Ratio
y: Area Ratio

=====

ISP Forensic Services Blood Alcohol Report

13

Sample Name : 0.050
 Laboratory : Pocatello
 Injection Date : May 7, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

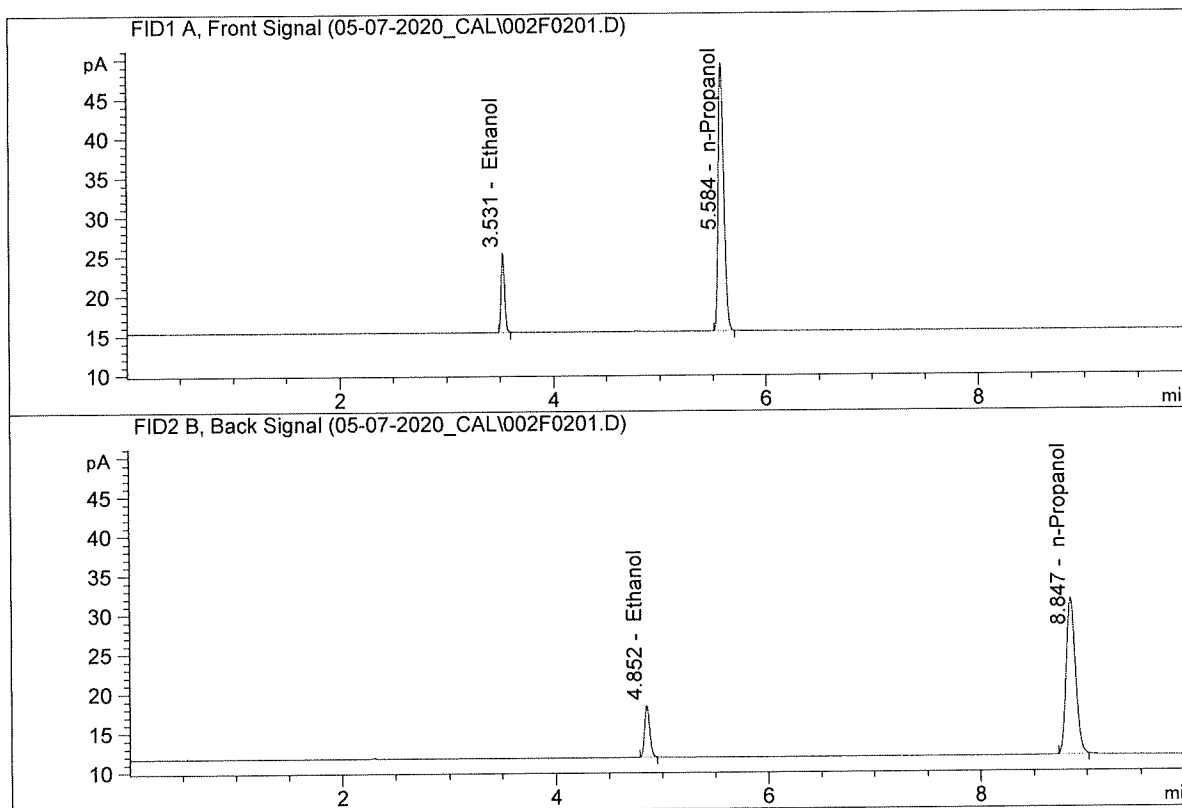


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	11.33110	0.0498	g/100cc
2.	Ethanol	Column 2:	11.07945	0.0503	g/100cc
3.	n-Propanol	Column 1:	123.51070	1.0000	g/100cc
4.	n-Propanol	Column 2:	118.77338	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

15

Sample Name : 0.100
 Laboratory : Pocatello
 Injection Date : May 7, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

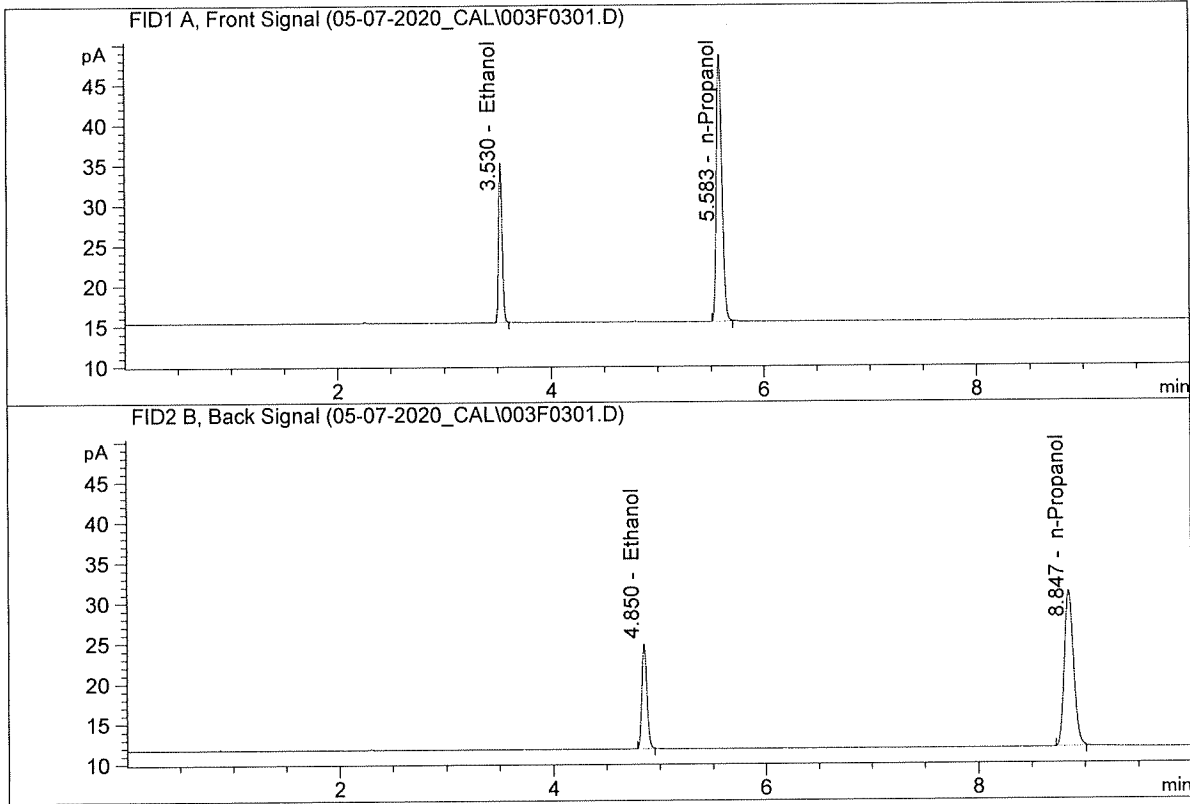


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	22.71041	0.0993	g/100cc
2.	Ethanol	Column 2:	22.00630	0.0992	g/100cc
3.	n-Propanol	Column 1:	124.04877	1.0000	g/100cc
4.	n-Propanol	Column 2:	119.56142	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

15

Sample Name : 0.200
 Laboratory : Pocatello
 Injection Date : May 7, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

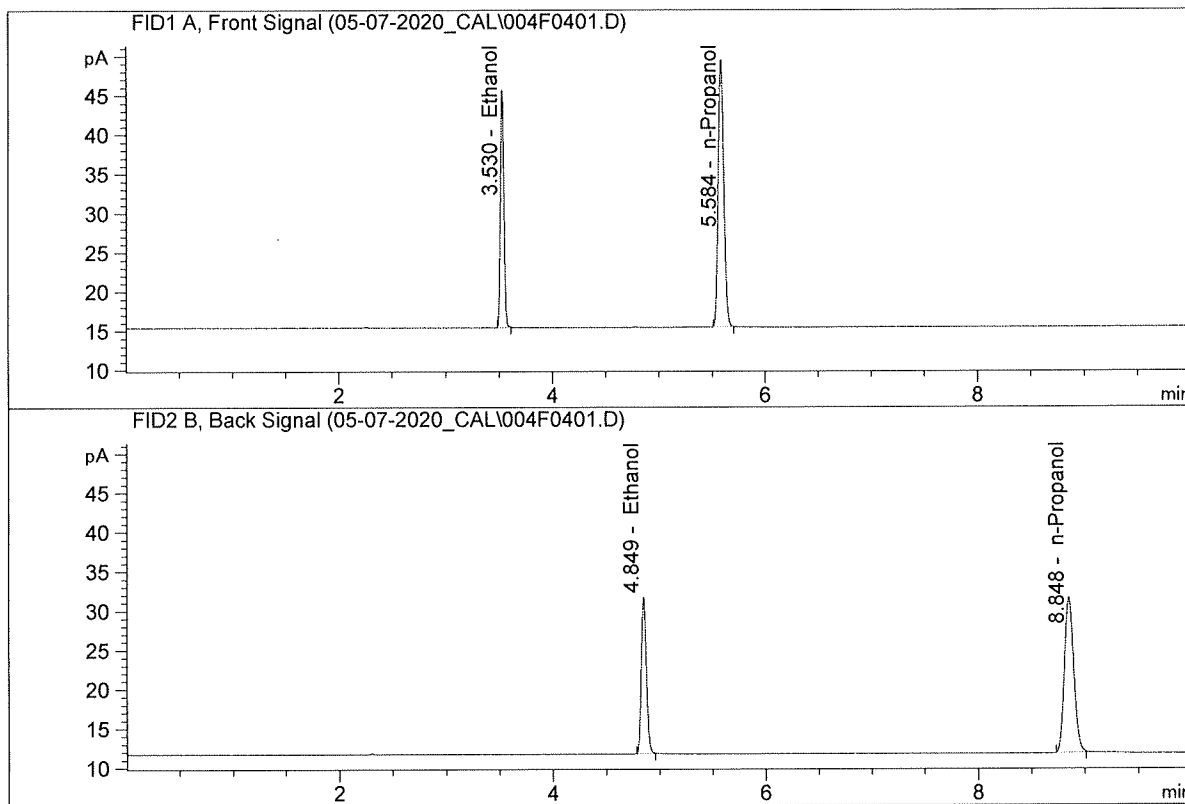


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.78265	0.2002	g/100cc
2.	Ethanol	Column 2:	43.30785	0.2001	g/100cc
3.	n-Propanol	Column 1:	121.30633	1.0000	g/100cc
4.	n-Propanol	Column 2:	116.65877	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

13

Sample Name : 0.300
 Laboratory : Pocatello
 Injection Date : May 7, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

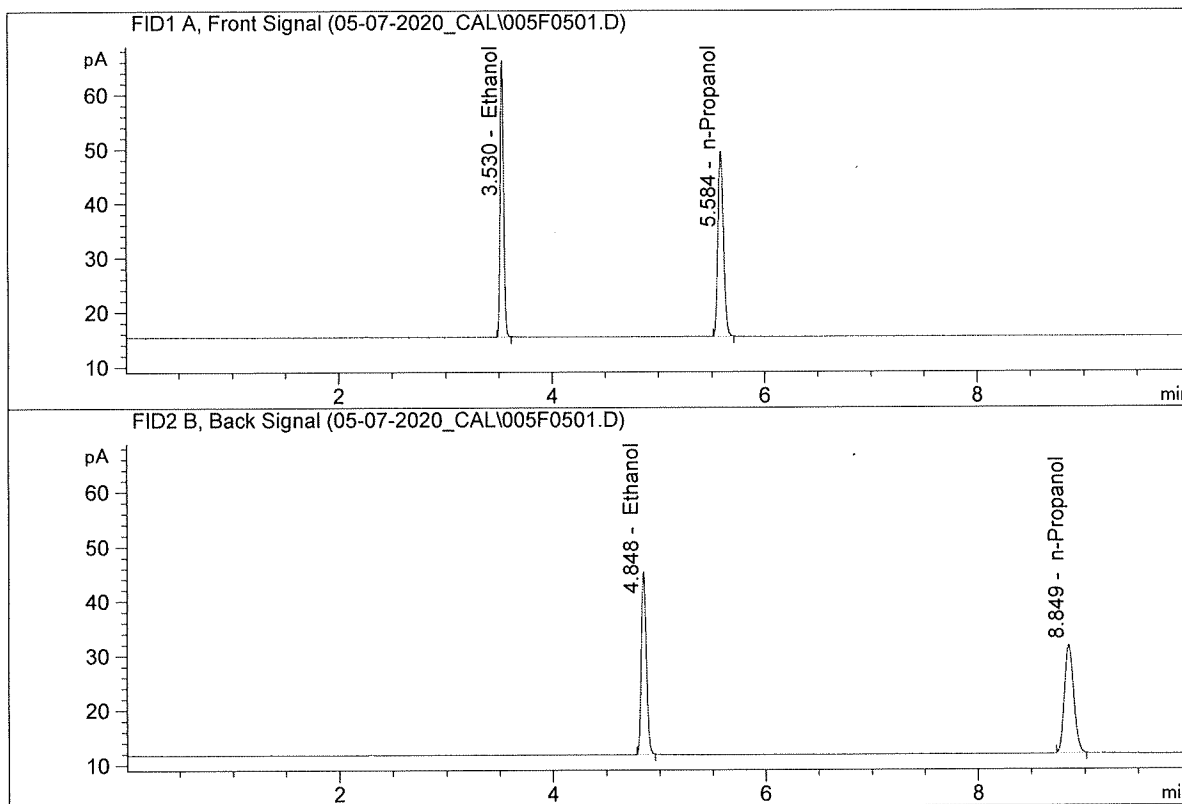


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	68.66364	0.2995	g/100cc
2.	Ethanol	Column 2:	66.42436	0.2995	g/100cc
3.	n-Propanol	Column 1:	124.34347	1.0000	g/100cc
4.	n-Propanol	Column 2:	119.57159	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

15

Sample Name : 0.500
 Laboratory : Pocatello
 Injection Date : May 7, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

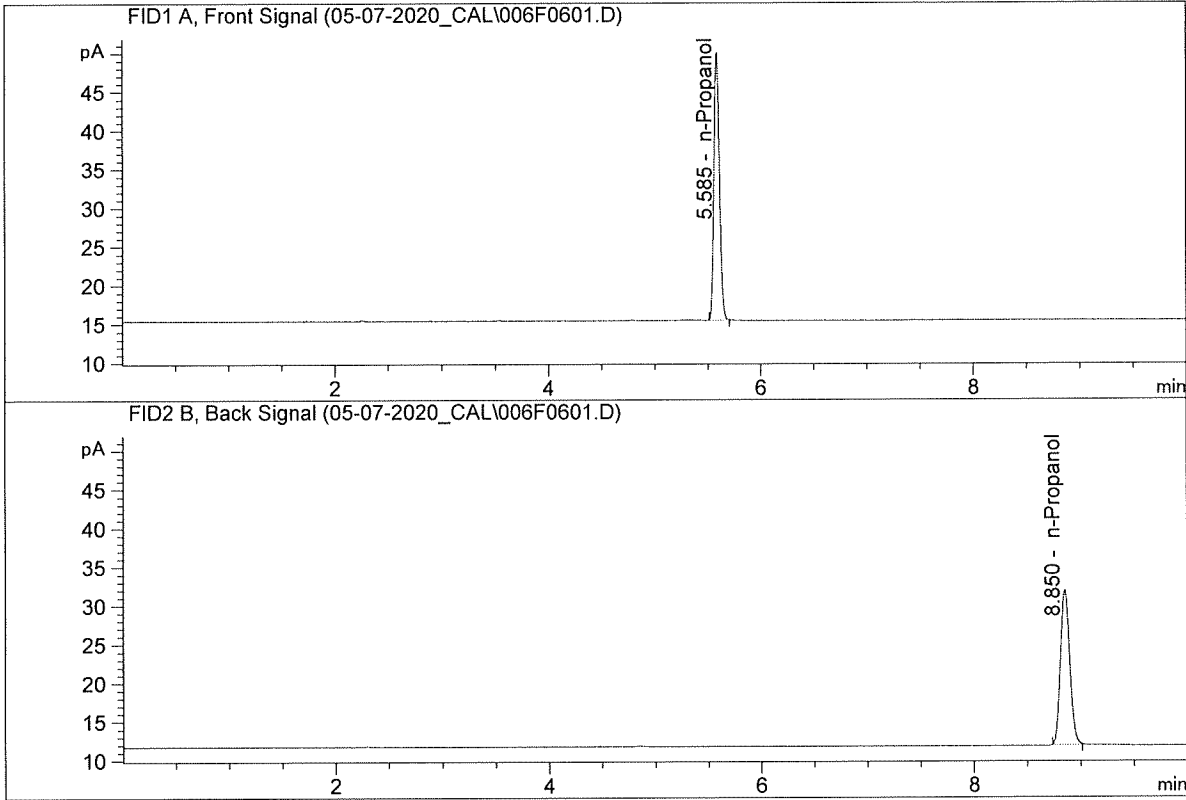


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	114.78472	0.5004	g/100cc
2.	Ethanol	Column 2:	111.06065	0.5004	g/100cc
3.	n-Propanol	Column 1:	124.40074	1.0000	g/100cc
4.	n-Propanol	Column 2:	119.65588	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

B

Sample Name : INTERNAL STANDARD
 Laboratory : Pocatello
 Injection Date : May 7, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	126.25008	1.0000	g/100cc
4.	n-Propanol	Column 2:	121.42757	1.0000	g/100cc

TS

S a m p l e S u m m a r y

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_07.05.2020_11.19.43\05-07-2020_CALS_TS.S
Data directory path: C:\Chem32\1\Data\05-07-2020_CAL
Logbook: C:\Chem32\1\Data\05-07-2020_CAL\05-07-2020_CALS_TS.LOG
Sequence start: 5/7/2020 11:33:38 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

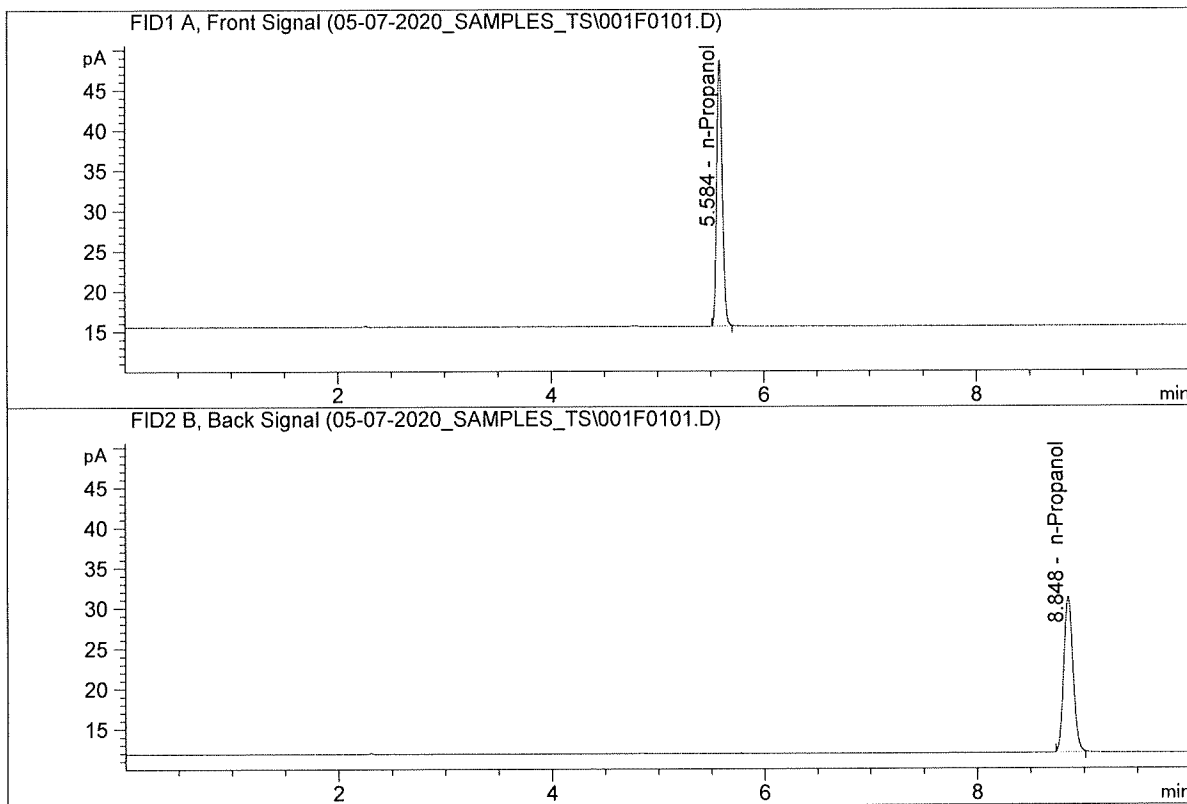
Method file name: C:\CHEM32\1\METHODS\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
1	1	1	0.050	-	1.0000	001F0101.D	*	4
2	2	1	0.100	-	1.0000	002F0201.D	*	4
3	3	1	0.200	-	1.0000	003F0301.D	*	4
4	4	1	0.300	-	1.0000	004F0401.D	*	4
5	5	1	0.500	-	1.0000	005F0501.D	*	4
6	6	1	INTERNAL STANDAR	-	1.0000	006F0601.D		2

TS

ISP Forensic Services Blood Alcohol Report

Sample Name : INT STD 1
Laboratory : Pocatello
Injection Date : May 7, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

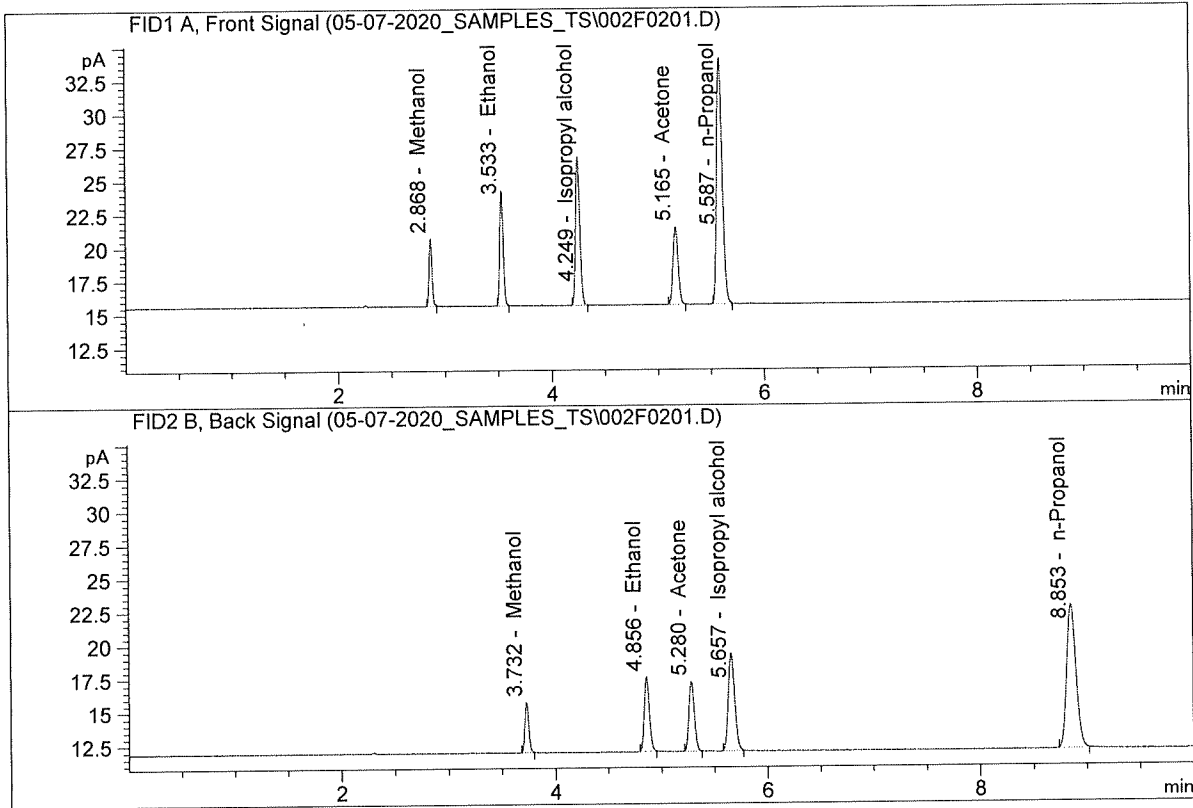


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	121.17494	1.0000	g/100cc
4.	n-Propanol	Column 2:	116.77295	1.0000	g/100cc

B

ISP Forensic Services Blood Alcohol Report

Sample Name : MULTI-COMP MIX
Laboratory : Pocatello
Injection Date : May 7, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

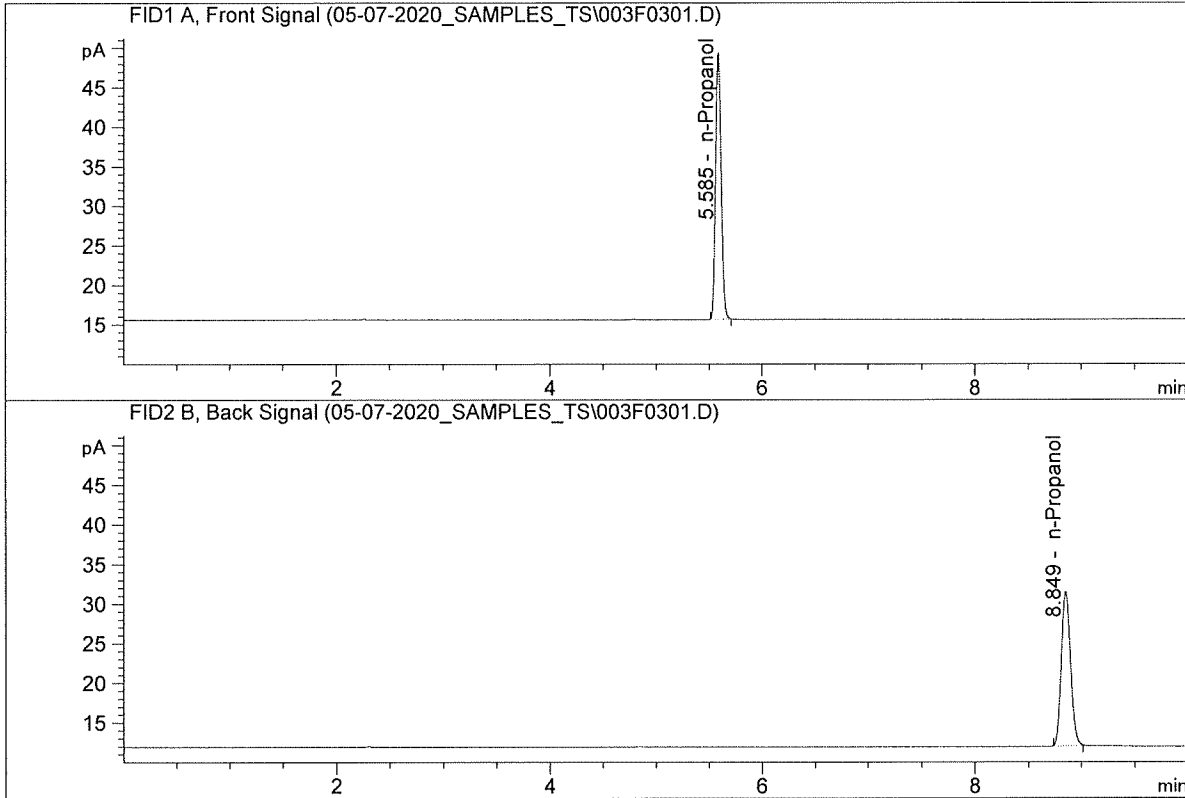


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.50155	0.1564	g/100cc
2.	Ethanol	Column 2:	18.74748	0.1547	g/100cc
3.	n-Propanol	Column 1:	67.62411	1.0000	g/100cc
4.	n-Propanol	Column 2:	65.34142	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

B

Sample Name : INT STD 2
 Laboratory : Pocatello
 Injection Date : May 7, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	123.28690	1.0000	g/100cc
4.	n-Propanol	Column 2:	118.53950	1.0000	g/100cc



VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1

Analysis Date(s): 07 May 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0778	0.0776	0.0002	0.0777	0.0000	0.0777
(g/100cc)	0.0778	0.0776	0.0002	0.0777		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m

Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.077	0.073	0.081	0.004

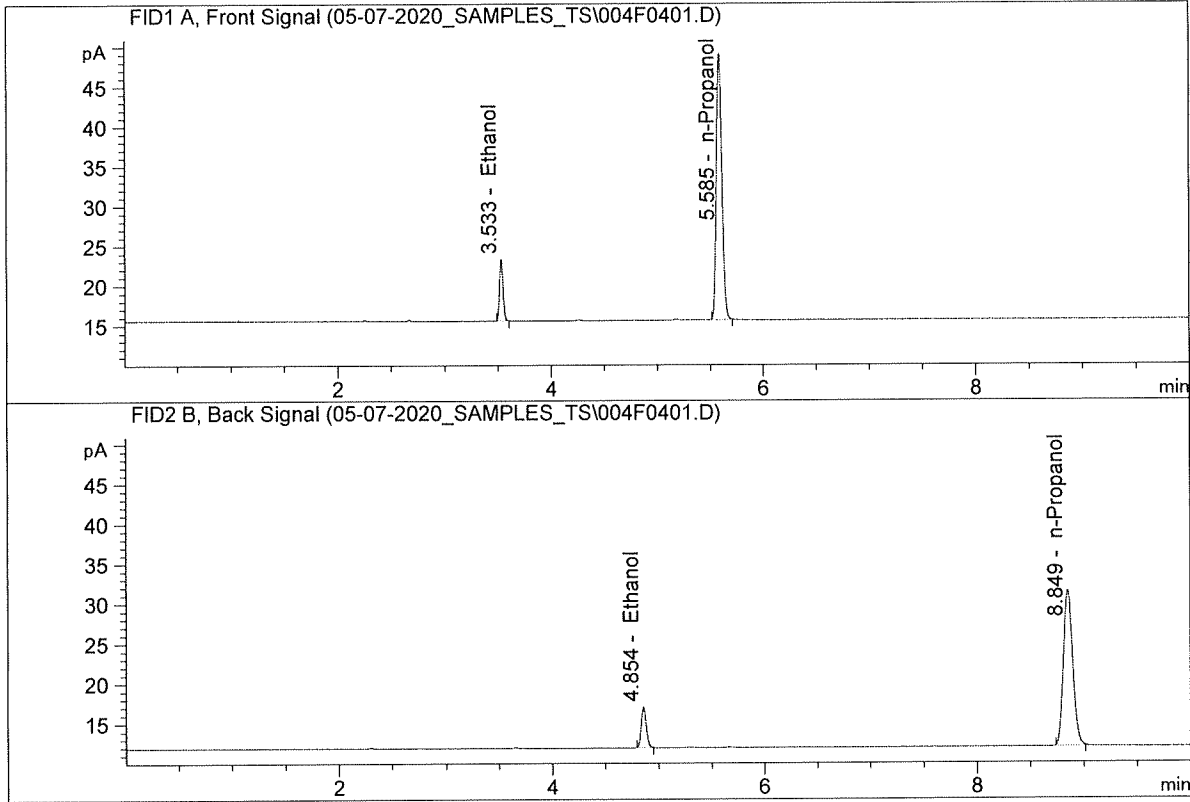
	Reported Result	
	0.077	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

B

Sample Name : QC1-1-A
 Laboratory : Pocatello
 Injection Date : May 7, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

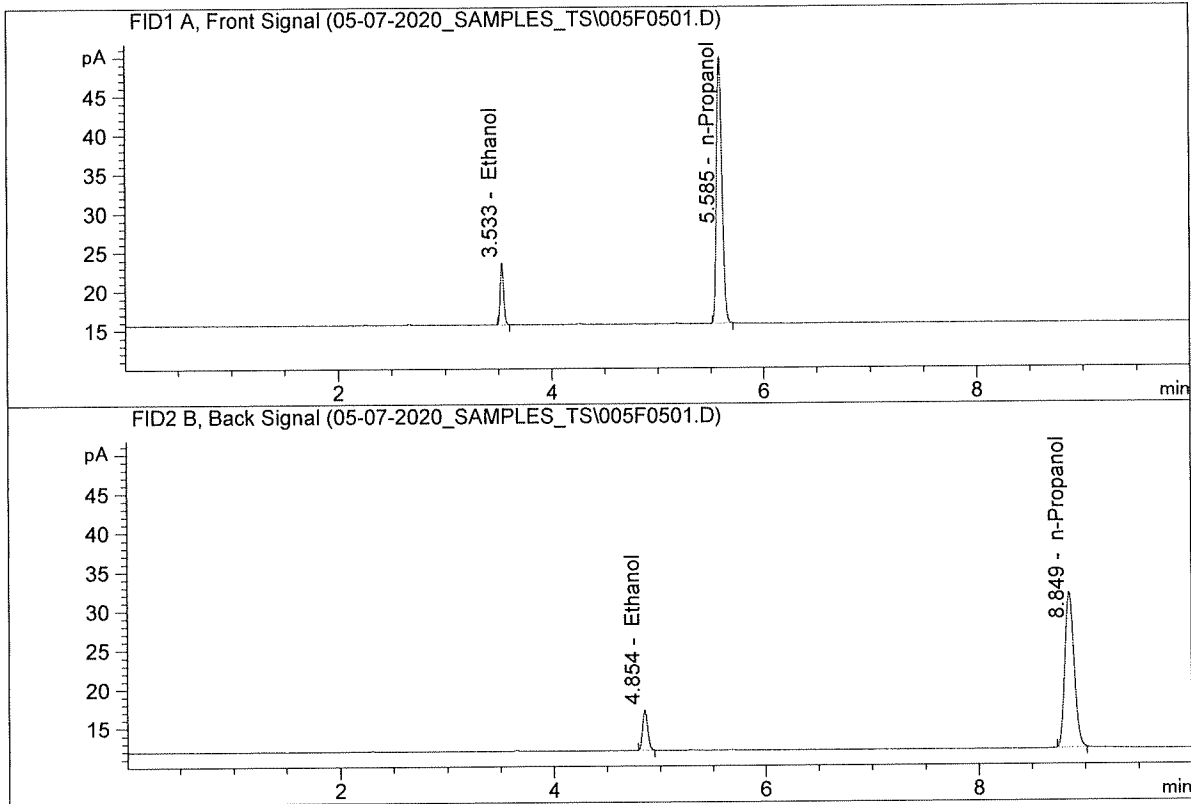


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.55085	0.0778	g/100cc
2.	Ethanol	Column 2:	16.96360	0.0776	g/100cc
3.	n-Propanol	Column 1:	122.40326	1.0000	g/100cc
4.	n-Propanol	Column 2:	117.91457	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

B

Sample Name : QC1-1-B
 Laboratory : Pocatello
 Injection Date : May 7, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.95381	0.0778	g/100cc
2.	Ethanol	Column 2:	17.32873	0.0776	g/100cc
3.	n-Propanol	Column 1:	125.19966	1.0000	g/100cc
4.	n-Propanol	Column 2:	120.38025	1.0000	g/100cc

B

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 08 QA

Analysis Date(s): 07 May 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0798	0.0799	0.0001	0.0798	0.0004	0.0796
(g/100cc)	0.0794	0.0795	0.0001	0.0794		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m

Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.079	0.075	0.083	0.004

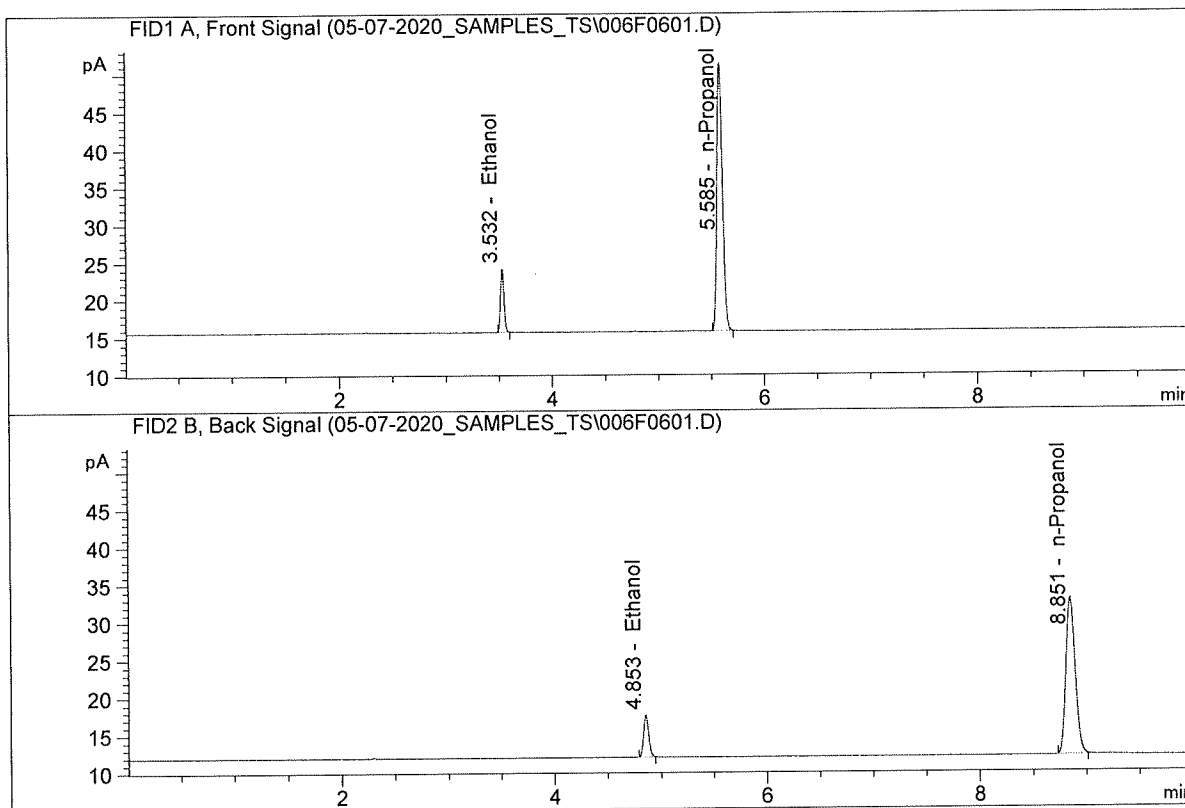
	Reported Result	
	0.079	

Calibration and control data are stored centrally.

15

ISP Forensic Services Blood Alcohol Report

Sample Name : 08 QA-A
Laboratory : Pocatello
Injection Date : May 7, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

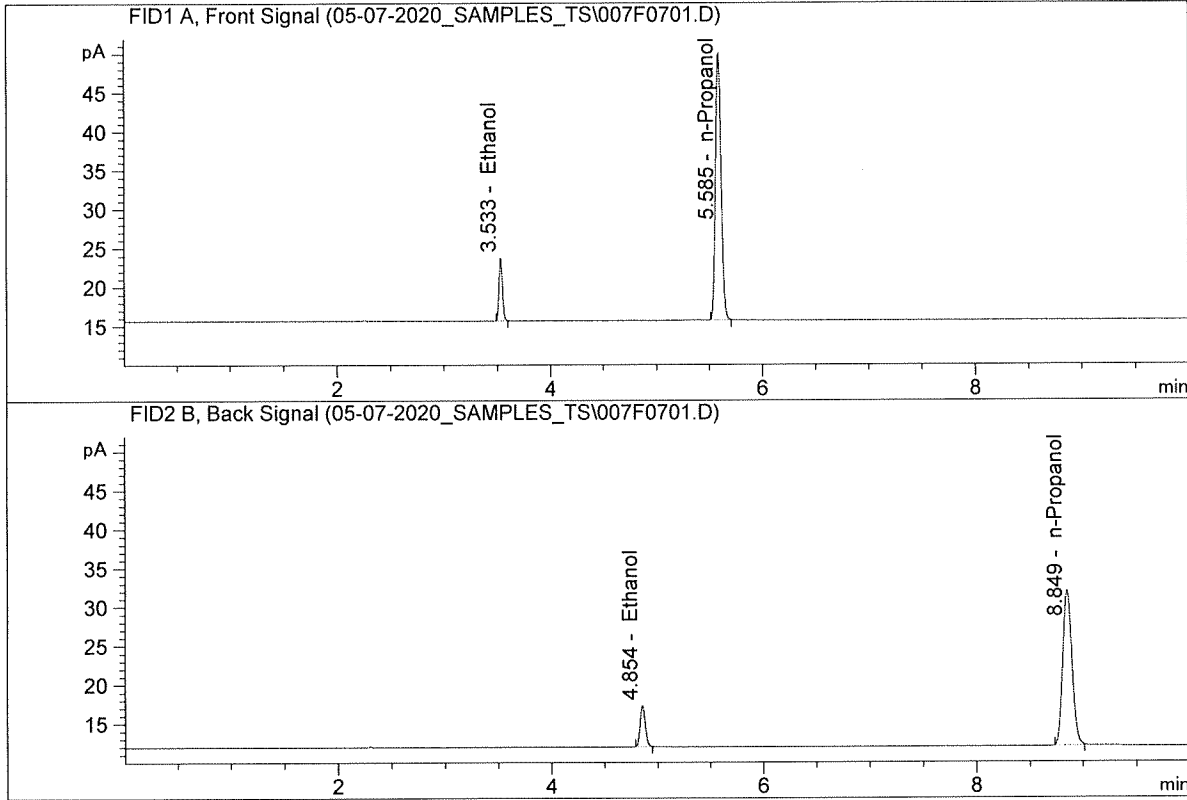


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.22230	0.0798	g/100cc
2.	Ethanol	Column 2:	18.65026	0.0799	g/100cc
3.	n-Propanol	Column 1:	130.60231	1.0000	g/100cc
4.	n-Propanol	Column 2:	125.80434	1.0000	g/100cc

15

ISP Forensic Services Blood Alcohol Report

Sample Name : 08 QA-B
 Laboratory : Pocatello
 Injection Date : May 7, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.40091	0.0794	g/100cc
2.	Ethanol	Column 2:	17.80835	0.0795	g/100cc
3.	n-Propanol	Column 1:	125.60426	1.0000	g/100cc
4.	n-Propanol	Column 2:	120.81443	1.0000	g/100cc

13

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1

Analysis Date(s): 07 May 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1949	0.1949	0.0000	0.1949	0.0006	0.1952
(g/100cc)	0.1956	0.1955	0.0001	0.1955		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m

Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.195	0.185	0.205	0.010

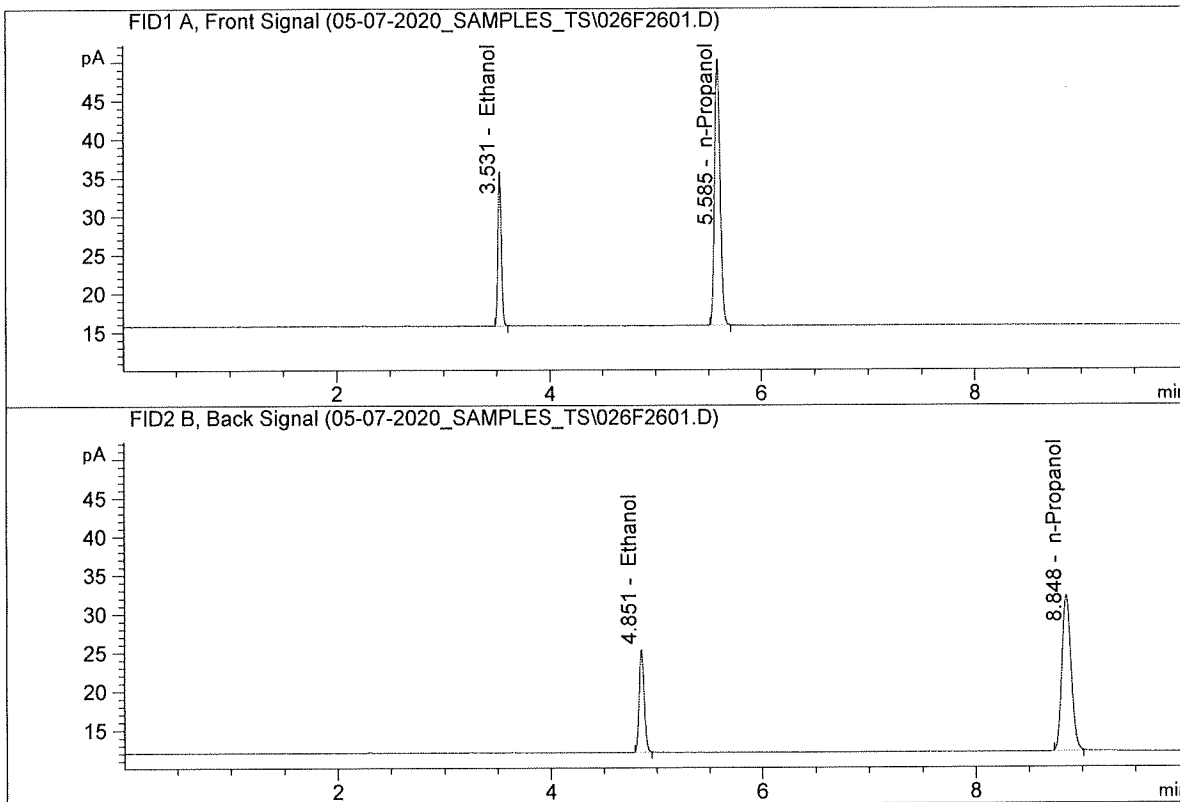
	Reported Result	
	0.195	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

15

Sample Name : QC2-1-A
 Laboratory : Pocatello
 Injection Date : May 7, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

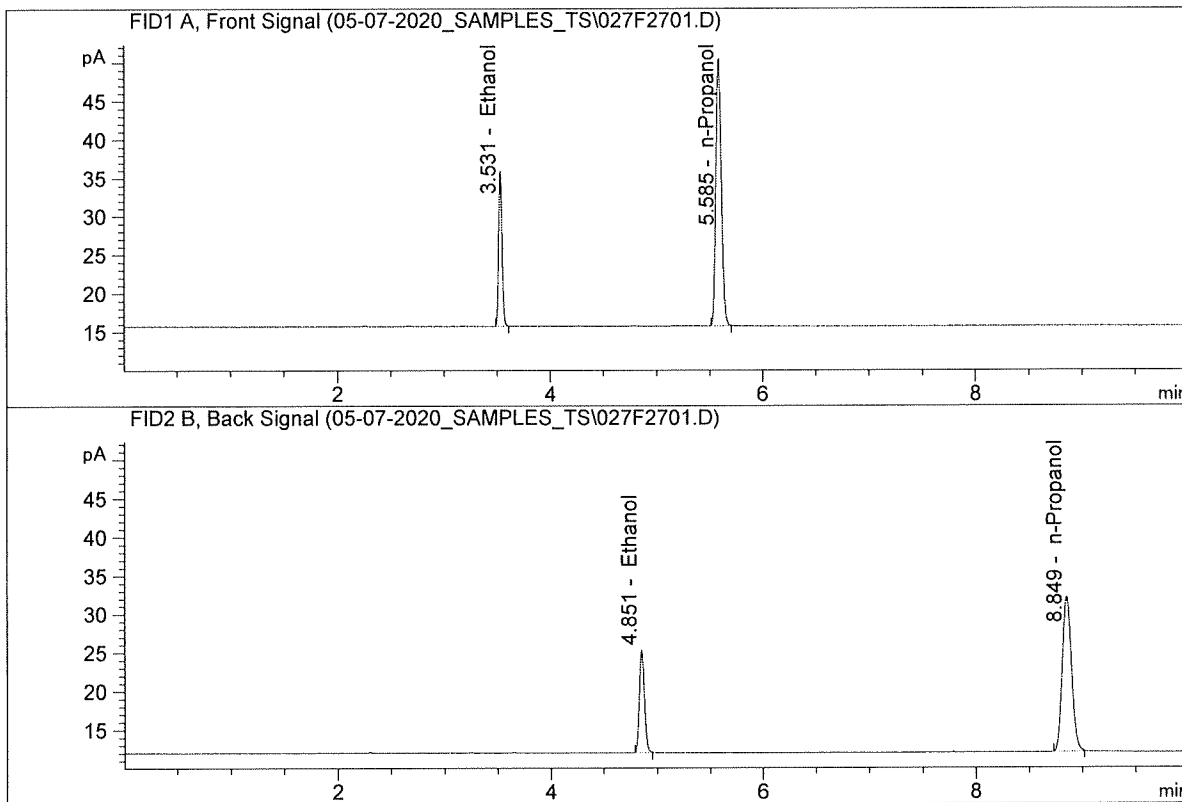


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	45.49704	0.1949	g/100cc
2.	Ethanol	Column 2:	44.00999	0.1949	g/100cc
3.	n-Propanol	Column 1:	126.61687	1.0000	g/100cc
4.	n-Propanol	Column 2:	121.73129	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

B

Sample Name : QC2-1-B
 Laboratory : Pocatello
 Injection Date : May 7, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	45.69901	0.1956	g/100cc
2.	Ethanol	Column 2:	44.23732	0.1955	g/100cc
3.	n-Propanol	Column 1:	126.68352	1.0000	g/100cc
4.	n-Propanol	Column 2:	122.00636	1.0000	g/100cc

13

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2

Analysis Date(s): 07 May 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0772	0.0774	0.0002	0.0773	0.0001	0.0773
(g/100cc)	0.0774	0.0774	0.0000	0.0774		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m

Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.077	0.073	0.081	0.004

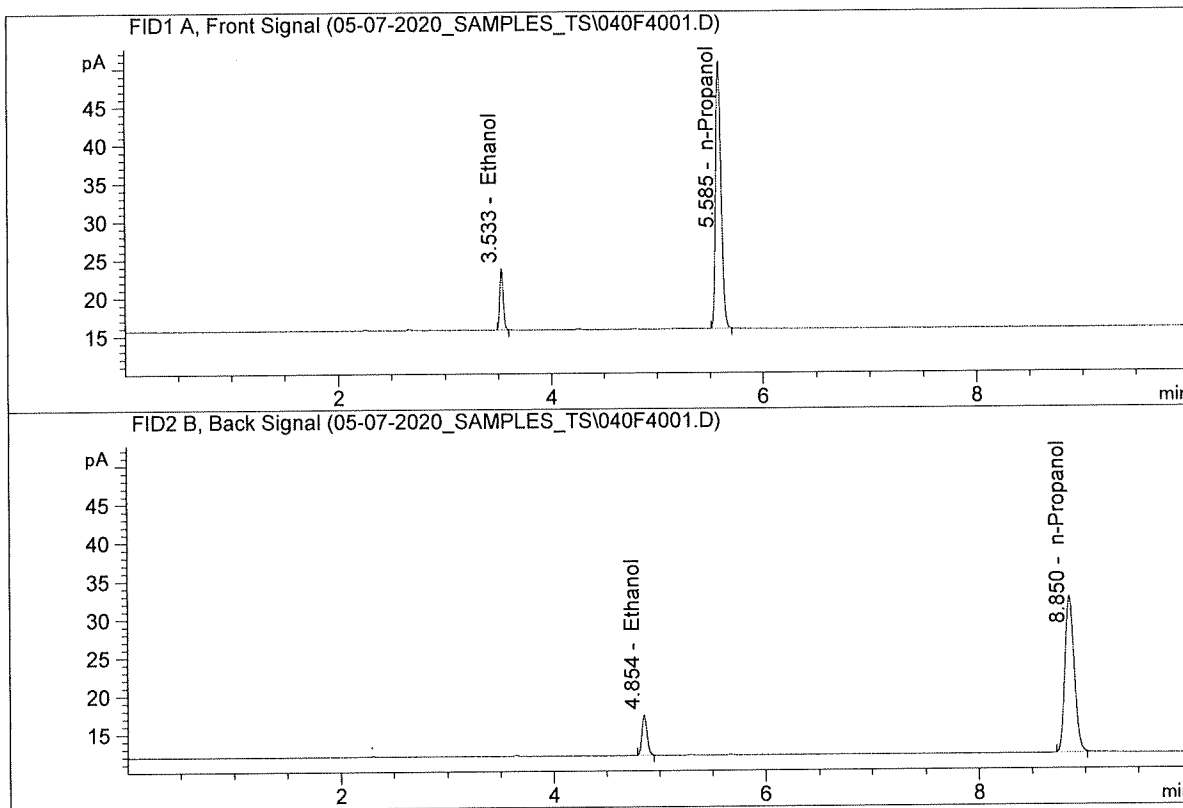
Reported Result	
0.077	

Calibration and control data are stored centrally.

15

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
 Laboratory : Pocatello
 Injection Date : May 7, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

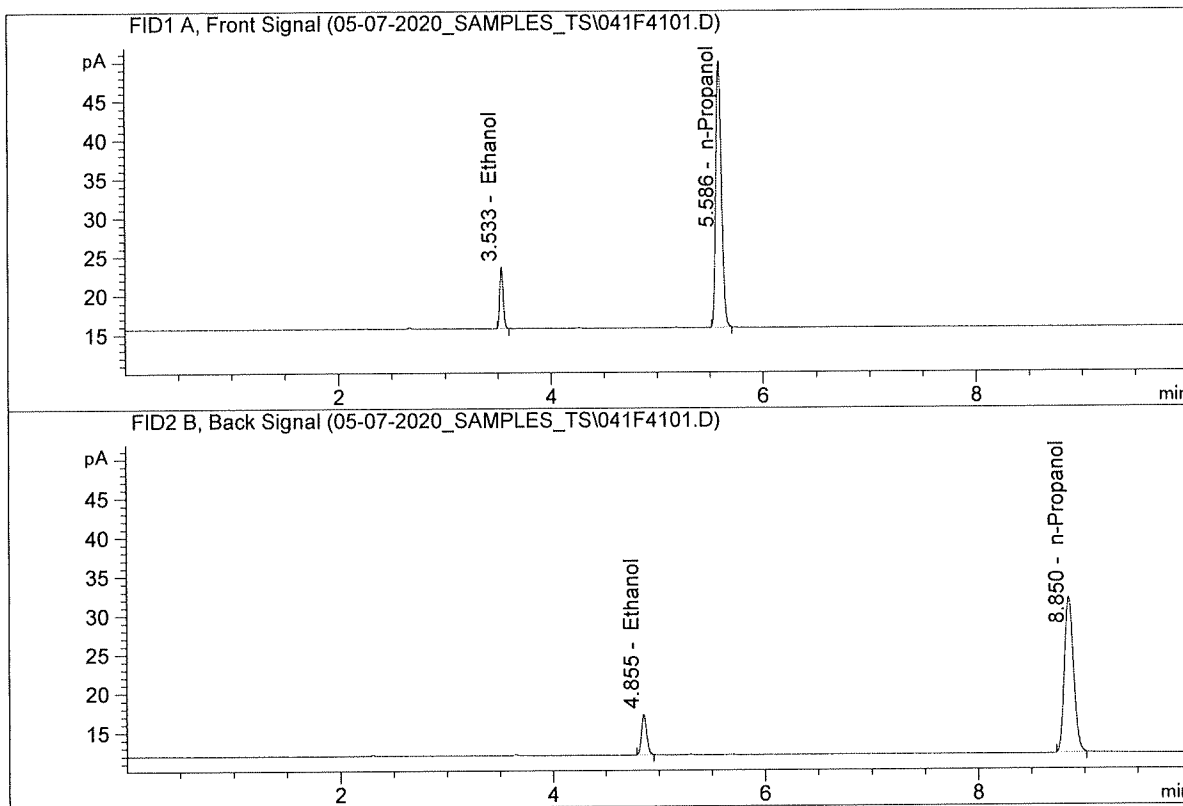


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.22389	0.0772	g/100cc
2.	Ethanol	Column 2:	17.72703	0.0774	g/100cc
3.	n-Propanol	Column 1:	128.00638	1.0000	g/100cc
4.	n-Propanol	Column 2:	123.51358	1.0000	g/100cc

15

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Pocatello
Injection Date : May 7, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

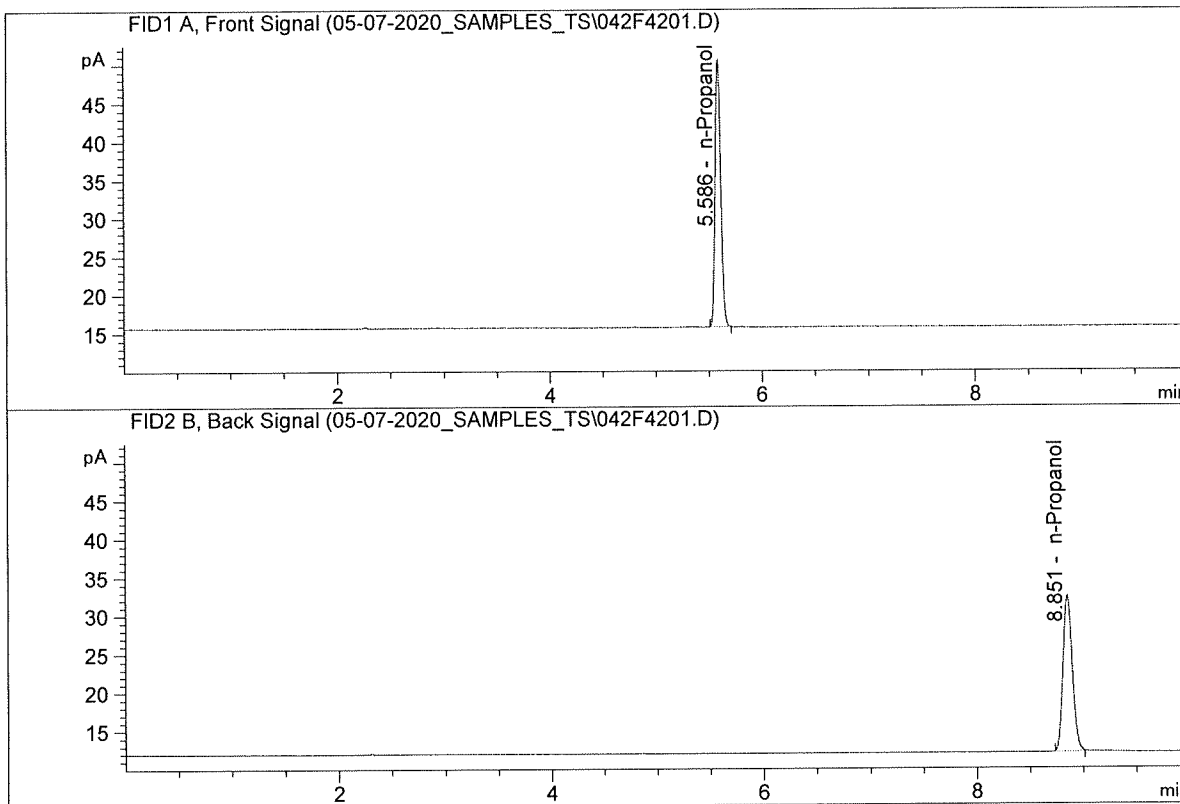


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.89888	0.0774	g/100cc
2.	Ethanol	Column 2:	17.34959	0.0774	g/100cc
3.	n-Propanol	Column 1:	125.33254	1.0000	g/100cc
4.	n-Propanol	Column 2:	120.89998	1.0000	g/100cc

B

ISP Forensic Services Blood Alcohol Report

Sample Name : INT STD 3
Laboratory : Pocatello
Injection Date : May 7, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	127.65339	1.0000	g/100cc
4.	n-Propanol	Column 2:	123.00101	1.0000	g/100cc

B

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_07.05.2020_02.01.23\05-07-2020_SAMPLES_TS.S
 Data directory path: C:\Chem32\1\Data\05-07-2020_SAMPLES_TS
 Logbook: C:\Chem32\1\Data\05-07-2020_SAMPLES_TS\05-07-2020_SAMPLES_TS.LOG
 Sequence start: 5/7/2020 2:15:25 PM
 Sequence Operator: SYSTEM
 Operator: SYSTEM

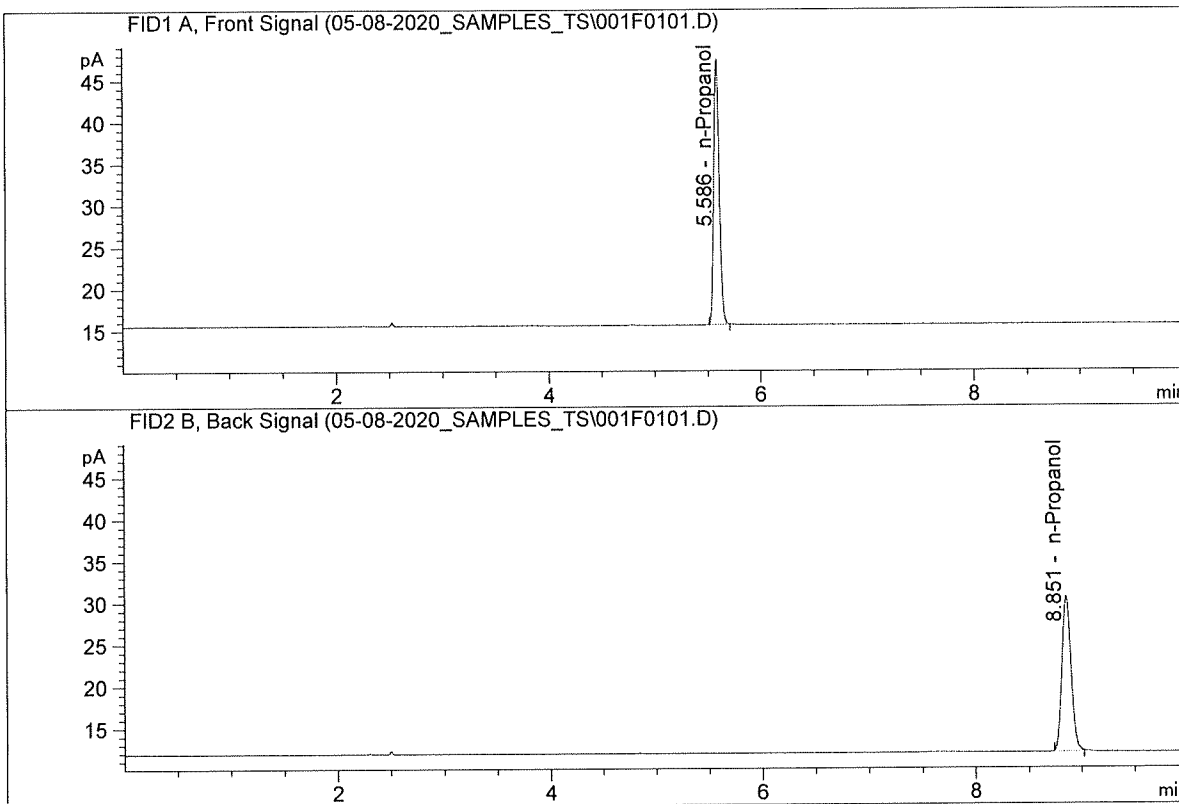
Method file name: C:\CHEM32\1\METHODS\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
1	1	1	INT STD 1	-	1.0000	001F0101.D	2
2	2	1	MULTI-COMP MIX	-	1.0000	002F0201.D	10
3	3	1	INT STD 2	-	1.0000	003F0301.D	2
4	4	1	QC1-1-A	-	1.0000	004F0401.D	4
5	5	1	QC1-1-B	-	1.0000	005F0501.D	4
6	6	1	08 QA-A	-	1.0000	006F0601.D	4
7	7	1	08 QA-B	-	1.0000	007F0701.D	4
8	8	1	P2020-1279-1-A	-	1.0000	008F0801.D	5
9	9	1	P2020-1279-1-B	-	1.0000	009F0901.D	4
10	10	1	P2020-1282-1-A	-	1.0000	010F1001.D	6
11	11	1	P2020-1282-1-B	-	1.0000	011F1101.D	6
12	12	1	P2020-1294-1-A	-	1.0000	012F1201.D	6
13	13	1	P2020-1294-1-B	-	1.0000	013F1301.D	6
14	14	1	P2020-1304-1-A	-	1.0000	014F1401.D	6
15	15	1	P2020-1304-1-B	-	1.0000	015F1501.D	6
16	16	1	P2020-1305-1-A	-	1.0000	016F1601.D	6
17	17	1	P2020-1305-1-B	-	1.0000	017F1701.D	6
18	18	1	P2020-1306-1-A	-	1.0000	018F1801.D	4
19	19	1	P2020-1306-1-B	-	1.0000	019F1901.D	4
20	20	1	P2020-1307-1-A	-	1.0000	020F2001.D	6
21	21	1	P2020-1307-1-B	-	1.0000	021F2101.D	6
22	22	1	P2020-1308-1-A	-	1.0000	022F2201.D	4
23	23	1	P2020-1308-1-B	-	1.0000	023F2301.D	4
24	24	1	P2020-1309-1-A	-	1.0000	024F2401.D	6
25	25	1	P2020-1309-1-B	-	1.0000	025F2501.D	6
26	26	1	QC2-1-A	-	1.0000	026F2601.D	4
27	27	1	QC2-1-B	-	1.0000	027F2701.D	4
28	28	1	P2020-1310-1-A	-	1.0000	028F2801.D	6
29	29	1	P2020-1310-1-B	-	1.0000	029F2901.D	6
30	30	1	P2020-1313-1-A	-	1.0000	030F3001.D	6
31	31	1	P2020-1313-1-B	-	1.0000	031F3101.D	6
32	32	1	P2020-1314-1-A	-	1.0000	032F3201.D	6
33	33	1	P2020-1314-1-B	-	1.0000	033F3301.D	6
34	34	1	P2020-1315-1-A	-	1.0000	034F3401.D	6
35	35	1	P2020-1315-1-B	-	1.0000	035F3501.D	6
36	36	1	P2020-1316-1-A	-	1.0000	036F3601.D	5
37	37	1	P2020-1316-1-B	-	1.0000	037F3701.D	6
38	38	1	P2020-1349-1-A	-	1.0000	038F3801.D	2
39	39	1	P2020-1349-1-B	-	1.0000	039F3901.D	2
40	40	1	QC1-2-A	-	1.0000	040F4001.D	4
41	41	1	QC1-2-B	-	1.0000	041F4101.D	4
42	42	1	INT STD 3	-	1.0000	042F4201.D	2

10

ISP Forensic Services Blood Alcohol Report

Sample Name : INT STD 1
Laboratory : Pocatello
Injection Date : May 8, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

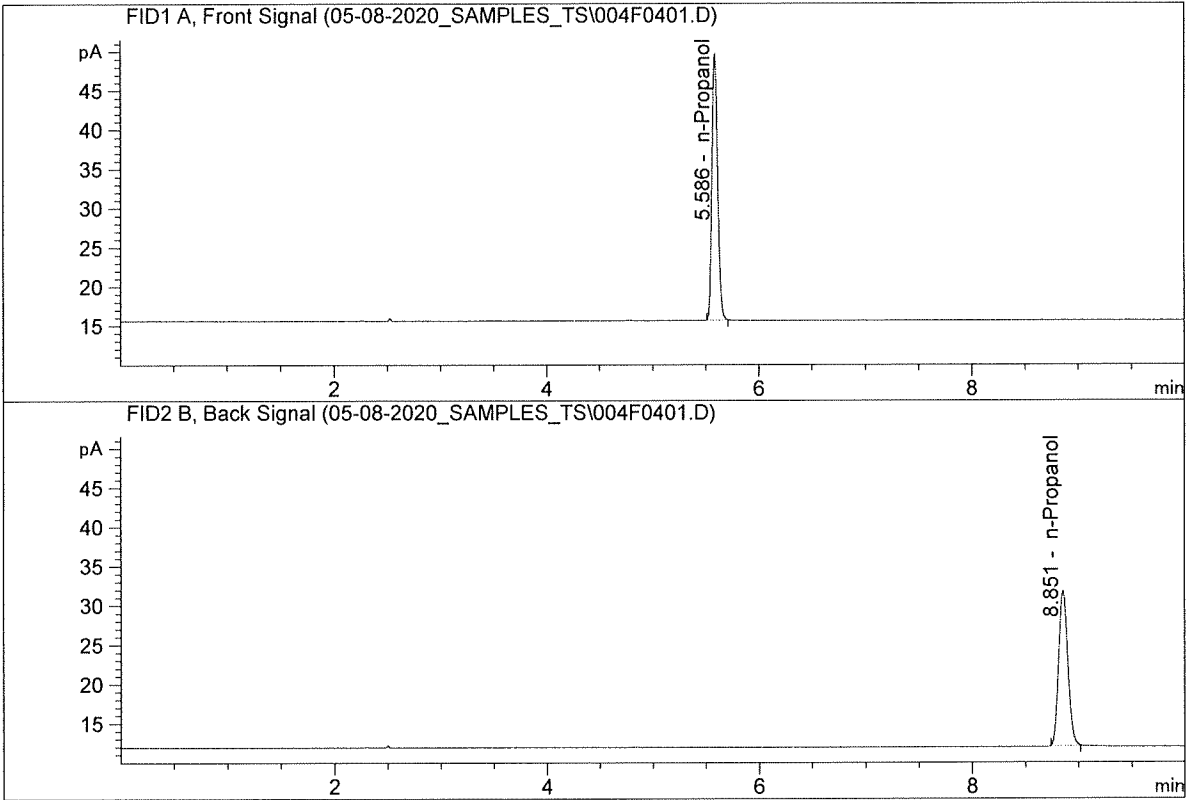


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	116.70277	1.0000	g/100cc
4.	n-Propanol	Column 2:	112.50748	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

B

Sample Name : INT STD 2
 Laboratory : Pocatello
 Injection Date : May 8, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

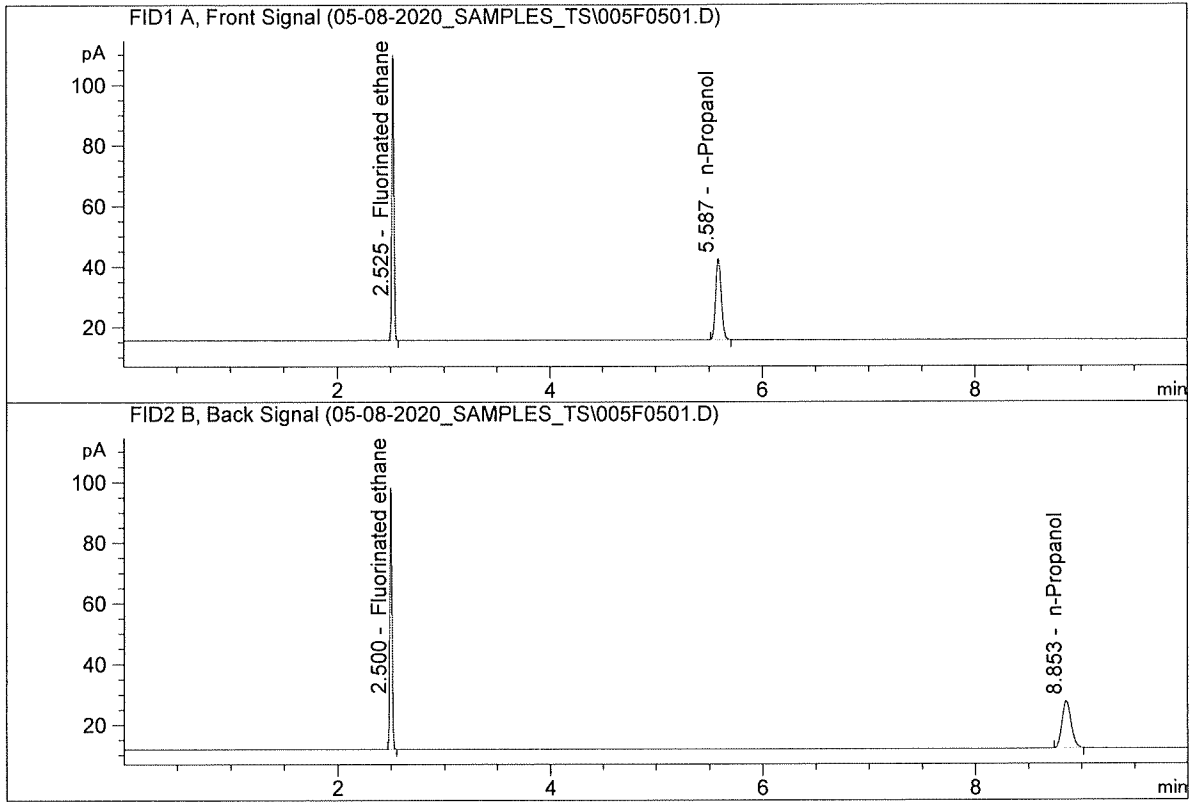


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	124.85606	1.0000	g/100cc
4.	n-Propanol	Column 2:	120.31926	1.0000	g/100cc

15

ISP Forensic Services Blood Alcohol Report

Sample Name : DFE
Laboratory : Pocatello
Injection Date : May 8, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

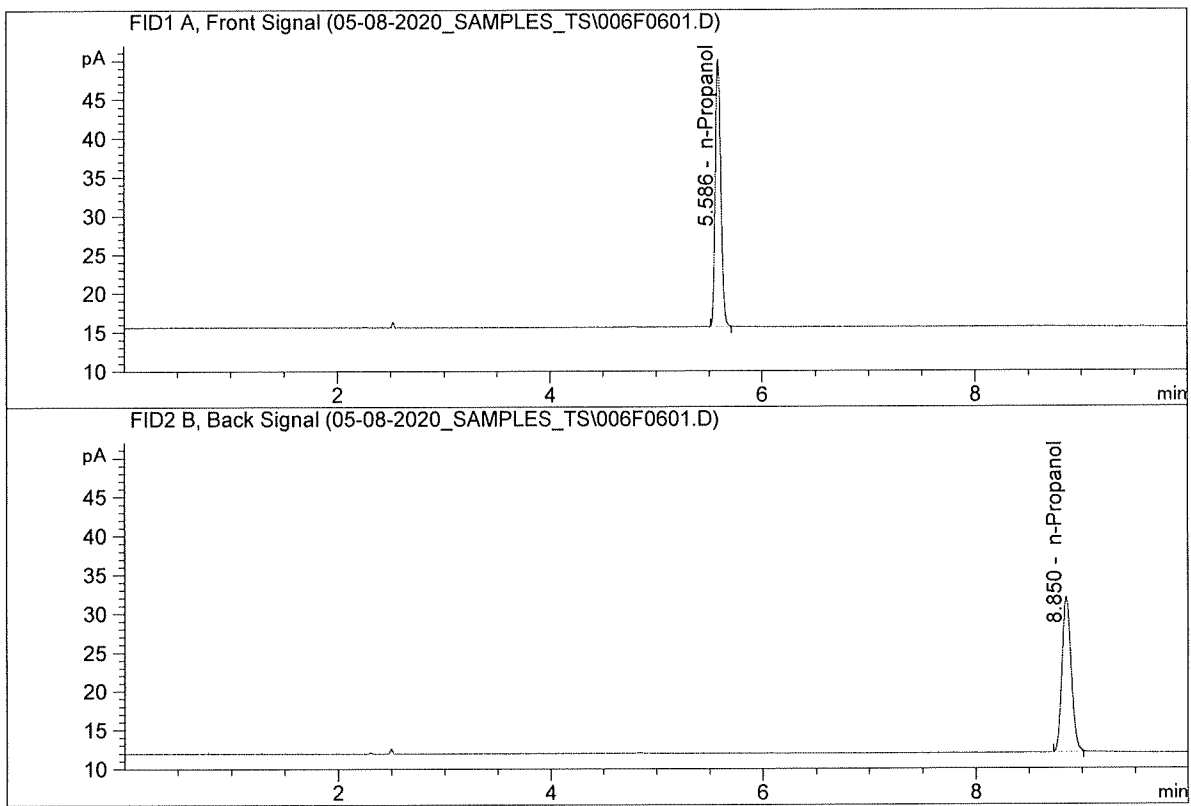


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	98.20380	1.0000	g/100cc
4.	n-Propanol	Column 2:	94.42953	1.0000	g/100cc

15

ISP Forensic Services Blood Alcohol Report

Sample Name : INT STD 3
Laboratory : Pocatello
Injection Date : May 8, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	126.29097	1.0000	g/100cc
4.	n-Propanol	Column 2:	121.13602	1.0000	g/100cc

B

S a m p l e S u m m a r y

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_08.05.2020_12.02.46\05-08-2020_SAMPLES_TS.S
Data directory path: C:\Chem32\1\Data\05-08-2020_SAMPLES_TS
Logbook: C:\Chem32\1\Data\05-08-2020_SAMPLES_TS\05-08-2020_SAMPLES_TS.LOG
Sequence start: 5/8/2020 12:17:09 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\CHEM32\1\METHODS\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #
1	1	1	INT STD 1	-	1.0000	001F0101.D	2
2	2	1	P2020-1308-1-A	-	1.0000	002F0201.D	5
3	3	1	P2020-1308-1-B	-	1.0000	003F0301.D	5
4	4	1	INT STD 2	-	1.0000	004F0401.D	2
5	5	1	DFE	-	1.0000	005F0501.D	4
6	6	1	INT STD 3	-	1.0000	006F0601.D	2