4/17/2019

Worklist: 3294

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
P2019-0918	1	145516	Alcohol Analysis
P2019-0935	1	145764	Alcohol Analysis
P2019-0936	1	145768	Alcohol Analysis
P2019-0954	1	146211	Alcohol Analysis
P2019-0991	1	146389	Alcohol Analysis
P2019-0992	1	146390	Alcohol Analysis
P2019-1003	1	146576	Alcohol Analysis
P2019-1005	1	146584	Alcohol Analysis
P2019-1007	1	146591	Alcohol Analysis
P2019-1008	1	146592	Alcohol Analysis
P2019-1018	1	146657	Alcohol Analysis
P2019-1019	1	146661	Alcohol Analysis
P2019-1025	1	146916	Alcohol Analysis
P2019-1026	1	146920	Alcohol Analysis
P2019-1036	1	147037	Alcohol Analysis
P2019-1054	1	147193	Alcohol Analysis
P2019-1061	1	147306	Alcohol Analysis
P2019-1062	1	147314	Alcohol Analysis
P2019-1063	1	147324	Alcohol Analysis
P2019-1081	1	147450	Alcohol Analysis
P2019-1095	1	147502	Alcohol Analysis
P2019-1097	1	147506	Alcohol Analysis
P2019-1098	1	147713	Alcohol Analysis

Worklist: 3294

LAB CASE	ITEM	TASK_ID	DESCRIPTION
P2019-1108	1	147832	Alcohol Analysis

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: MD96BC1382

Volatiles Quality Assurance Controls **Run Date(s): 4/17/19**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731 - 0.0893	0.0763 g/100cc
					0.0766 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832 - 0.2238	0.1920 g/100cc
					0.1935 g/100cc
					g/100cc

Multi-Component mixture:		**Lot #**	11918		
Curve Fit:	**Column 1**	0.99994 rc	**Column2**	0.99994 rc	

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0509	0.0501	0.0008	0.0505
100	0.100	0.090 - 0.110	0.0992	0.0976	0.0016	0.0984
200	0.200	0.180 - 0.220	0.1987	0.1970	0.0017	0.1978
300	0.300	0.270 - 0.330	0.3062	0.3053	0.0009	0.3057
500	0.500	0.450 - 0.550	0.4969	0.4985	0.0016	0.4977

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.077 g/100cc

Revision: 5
Issue Date: 01/02/2019
Issuing Authority: Quality Manager

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

Calibration Table

General Calibration Setting

Calib. Data Modified : Wednesday, April 17, 2019 2:13:05 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

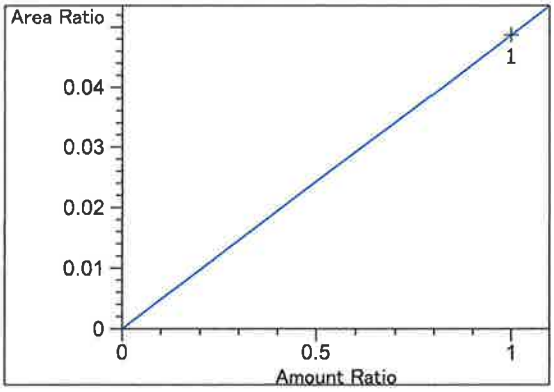
Method C:\CHEM32\1\METHODS\ALCOHOL.M

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.227	2	1	1.00000	6.45200	1.54991e-1	No	No	2	Fluorinated ethane
2.271	1	1	1.00000	1.84105	5.43168e-1	No	No	1	Fluorinated ethane
2.685	1	1	1.00000	3.69669	2.70512e-1	No	No	1	Methanol
2.950	2	1	1.00000	11.54700	8.66026e-2	No	No	2	Acetaldehyde
2.975	1	1	1.00000	10.52400	9.50209e-2	No	No	1	Acetaldehyde
3.318	1	1	5.00000e-2	11.53607	4.33423e-3	No	No	1	Ethanol
		2	1.00000e-1	22.42487	4.45934e-3				
		3	2.00000e-1	44.35056	4.50953e-3				
		4	3.00000e-1	60.32554	4.97302e-3				
		5	5.00000e-1	119.45229	4.18577e-3				
3.372	2	1	1.00000	4.26062	2.34707e-1	No	No	2	Methanol
3.993	1	1	1.00000	9.73055	1.02769e-1	No	No	1	Isopropyl alcohol
4.338	2	1	5.00000e-2	11.01298	4.54010e-3	No	No	2	Ethanol
		2	1.00000e-1	21.37463	4.67844e-3				
		3	2.00000e-1	42.37711	4.71953e-3				
		4	3.00000e-1	57.82619	5.18796e-3				
		5	5.00000e-1	114.67548	4.36013e-3				
4.704	2	1	1.00000	6.89301	1.45075e-1	No	No	2	Acetone
4.853	1	1	1.00000	6.49940	1.53860e-1	No	No	1	Acetone
5.050	2	1	1.00000	10.70642	9.34019e-2	No	No	2	Isopropyl alcohol
5.260	1	1	1.00000	134.56297	7.43146e-3	No	Yes	1	n-Propanol
		2	1.00000	134.16615	7.45344e-3				
		3	1.00000	132.39201	7.55333e-3				
		4	1.00000	116.90036	8.55429e-3				
		5	1.00000	142.62369	7.01146e-3				
		6	1.00000	111.45872	8.97193e-3				
7.659	2	1	1.00000	5.98700	1.67029e-1	No	No	2	Ethyl Acetate
7.799	2	1	1.00000	132.53485	7.54519e-3	No	Yes	2	n-Propanol
		2	1.00000	131.95996	7.57806e-3				
		3	1.00000	129.61139	7.71537e-3				
		4	1.00000	114.11259	8.76328e-3				
		5	1.00000	138.57082	7.21653e-3				
		6	1.00000	113.50471	8.81021e-3				
8.420	1	1	1.00000	5.56500	1.79695e-1	No	No	1	Ethyl Acetate
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

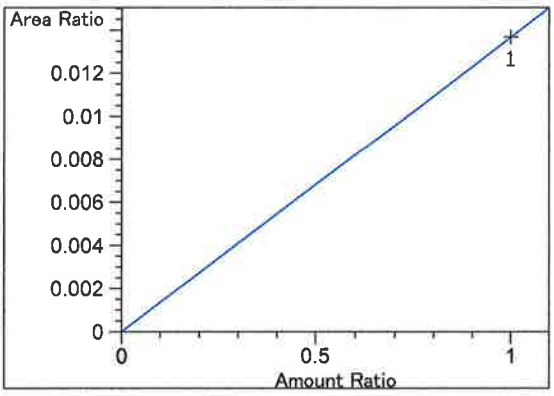
Peak Sum Table

No Entries in table

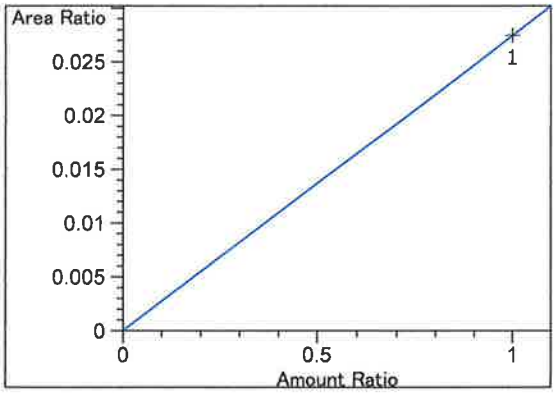
Calibration Curves



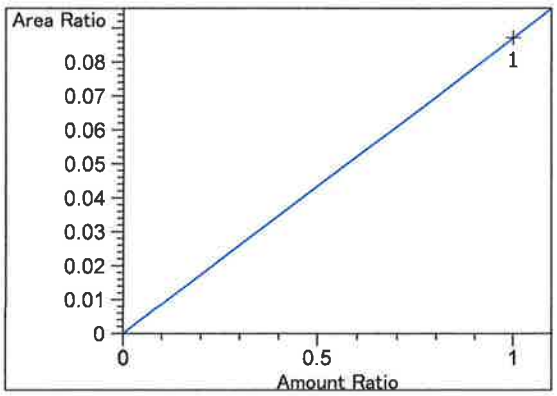
Fluorinated ethane at exp. RT: 2.227
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.86815e-2
x: Amount Ratio
y: Area Ratio



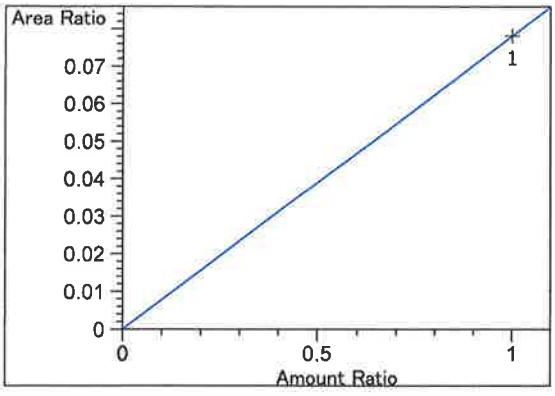
Fluorinated ethane at exp. RT: 2.271
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.36817e-2
x: Amount Ratio
y: Area Ratio



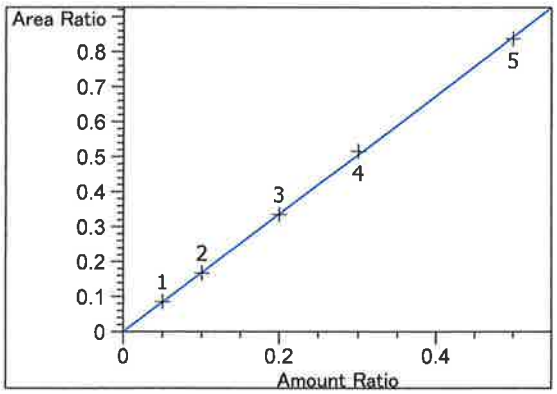
Methanol at exp. RT: 2.685
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 2.74719e-2
x: Amount Ratio
y: Area Ratio



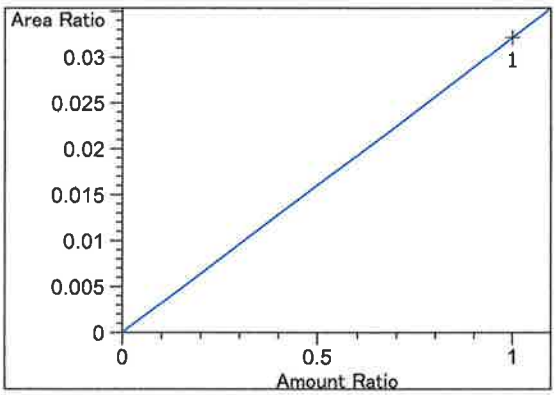
Acetaldehyde at exp. RT: 2.950
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 8.71243e-2
x: Amount Ratio
y: Area Ratio



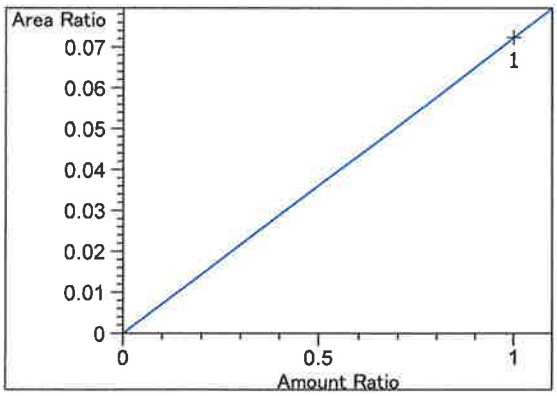
Acetaldehyde at exp. RT: 2.975
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.82087e-2
x: Amount Ratio
y: Area Ratio



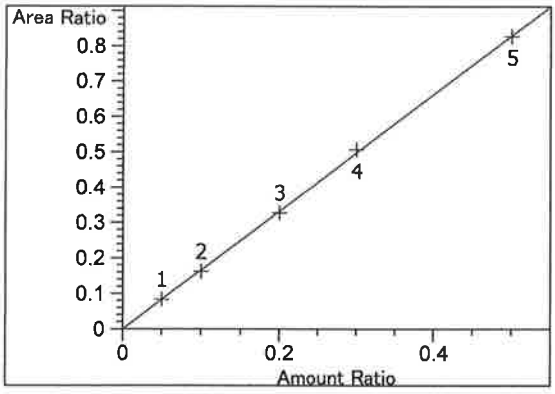
Ethanol at exp. RT: 3.318
FID1 A, Front Signal
Correlation: 0.99994
Residual Std. Dev.: 0.00599
Formula: y = mx
m: 1.68555
x: Amount Ratio
y: Area Ratio



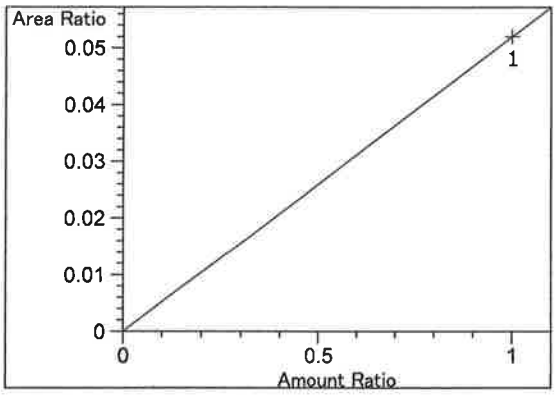
Methanol at exp. RT: 3.372
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.21472e-2
x: Amount Ratio
y: Area Ratio



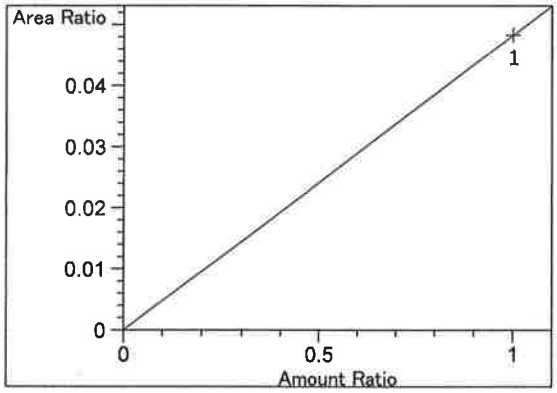
Isopropyl alcohol at exp. RT: 3.993
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.23123e-2
x: Amount Ratio
y: Area Ratio



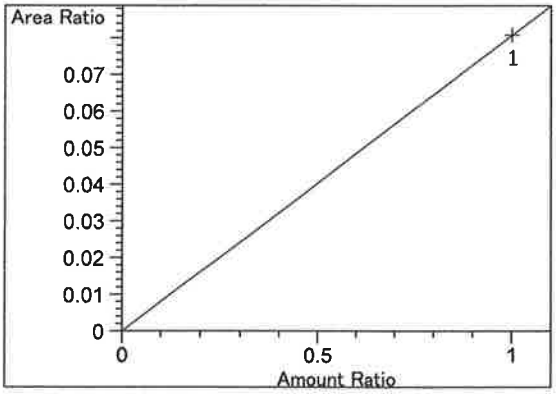
Ethanol at exp. RT: 4.338
FID2 B, Back Signal
Correlation: 0.99994
Residual Std. Dev.: 0.00557
Formula: y = mx
m: 1.65999
x: Amount Ratio
y: Area Ratio



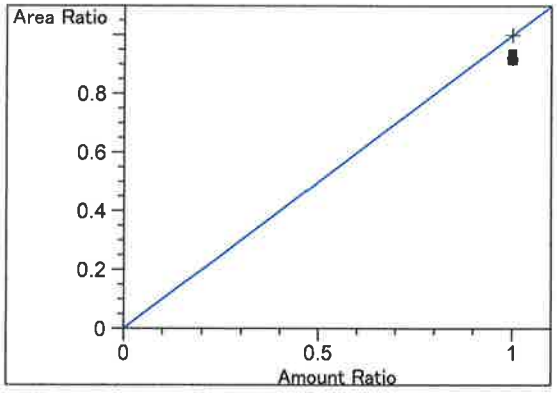
Acetone at exp. RT: 4.704
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 5.20090e-2
x: Amount Ratio
y: Area Ratio



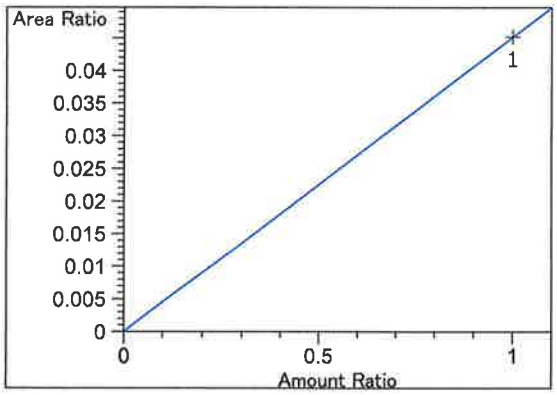
Acetone at exp. RT: 4.853
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.83001e-2
x: Amount Ratio
y: Area Ratio



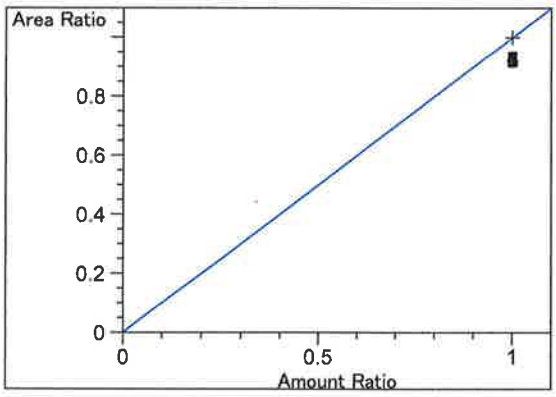
Isopropyl alcohol at exp. RT: 5.050
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 8.07819e-2
x: Amount Ratio
y: Area Ratio



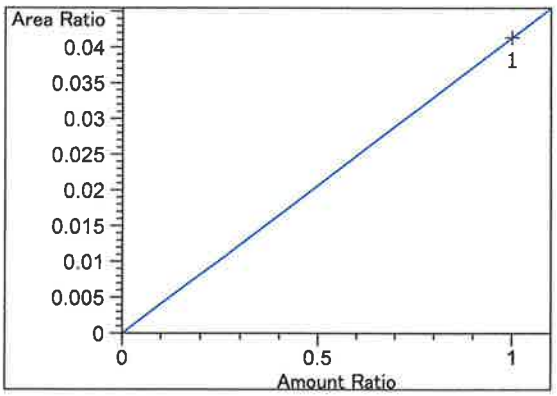
n-Propanol at exp. RT: 5.260
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio



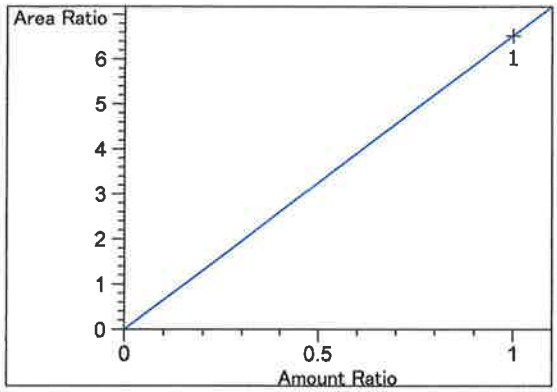
Ethyl Acetate at exp. RT: 7.659
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.51730e-2
x: Amount Ratio
y: Area Ratio



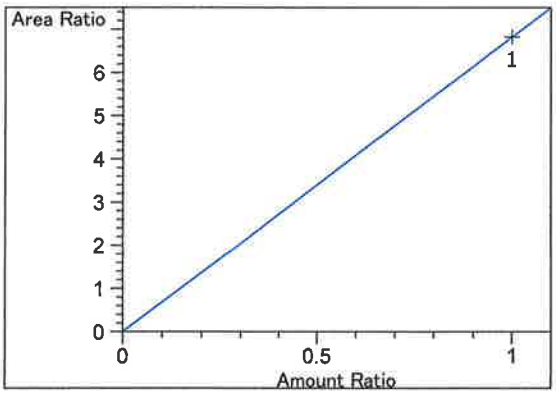
n-Propanol at exp. RT: 7.799
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio



Ethyl Acetate at exp. RT: 8.420
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.13561e-2
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: 6.52540
x: Amount Ratio
y: Area Ratio

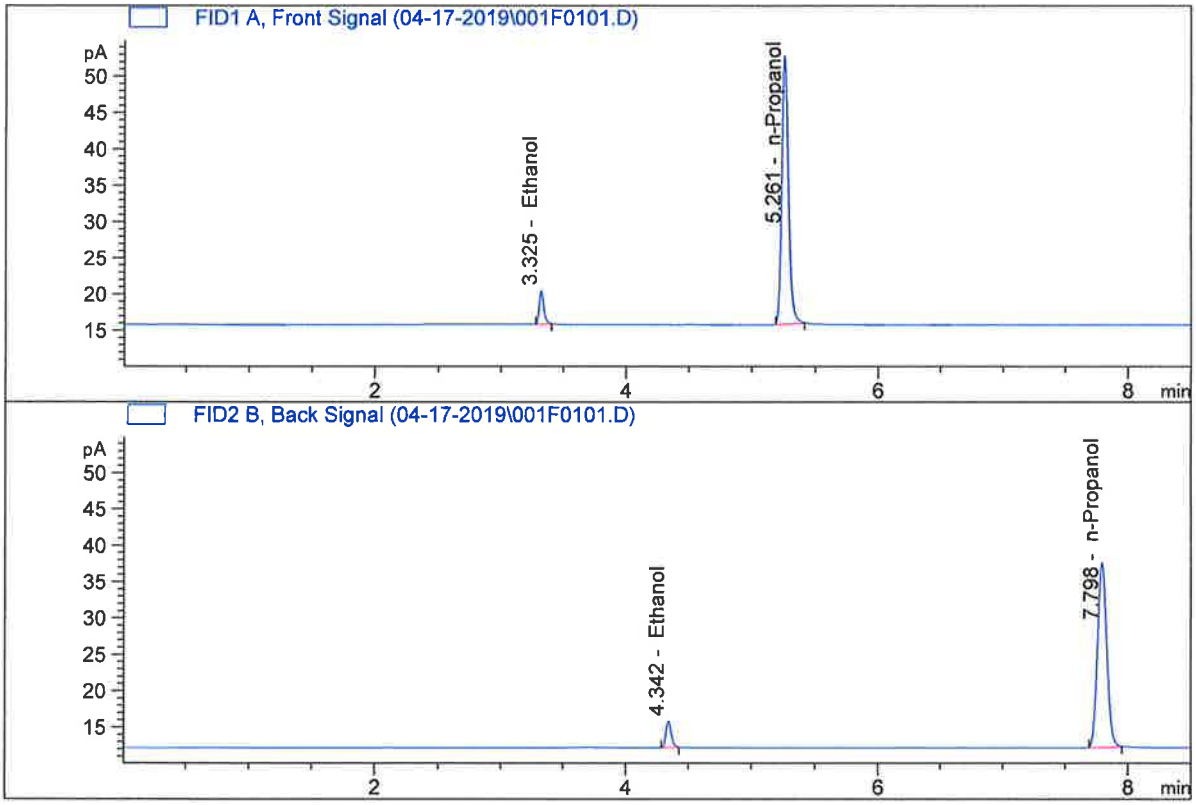


Toluene at exp. RT: 12.229
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 6.82568
x: Amount Ratio
y: Area Ratio

==========

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050
Laboratory : Pocatello
Injection Date : Apr 17, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

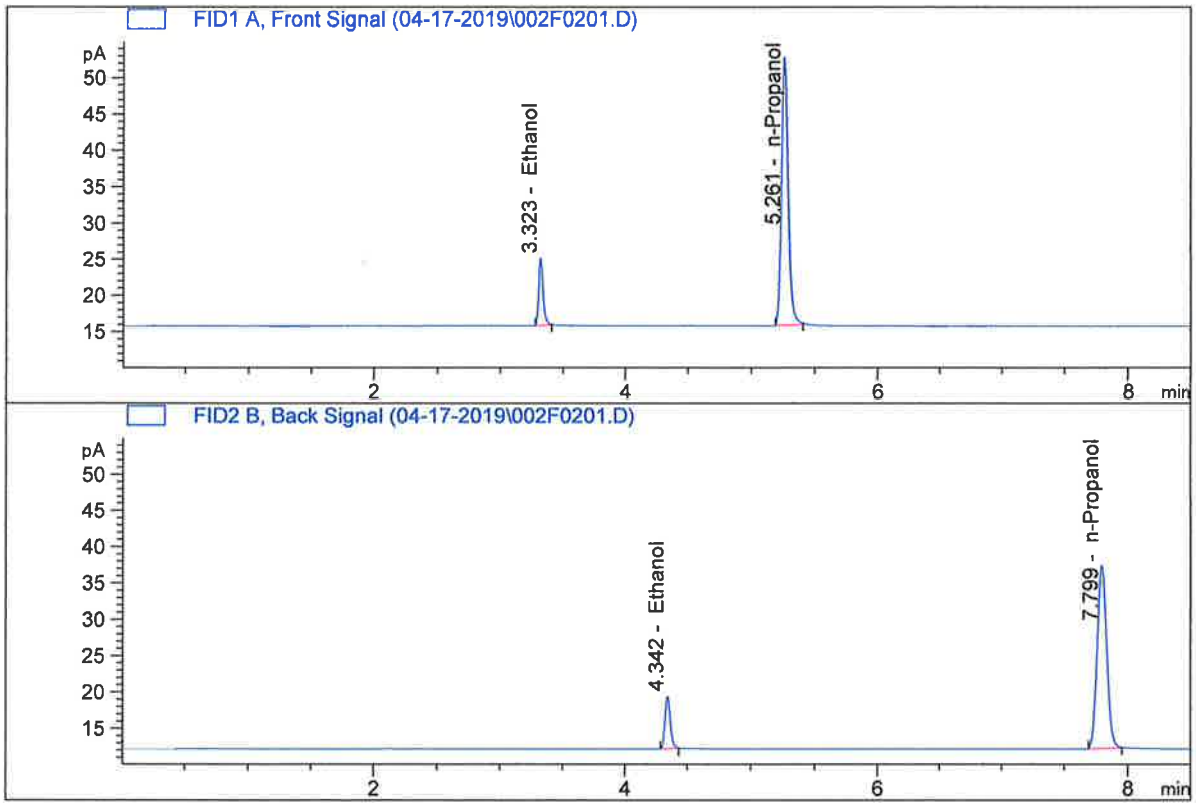


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	11.53607	0.0509	g/100cc
2.	Ethanol	Column 2:	11.01298	0.0501	g/100cc
3.	n-Propanol	Column 1:	134.56297	1.0000	g/100cc
4.	n-Propanol	Column 2:	132.53485	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100
Laboratory : Pocatello
Injection Date : Apr 17, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

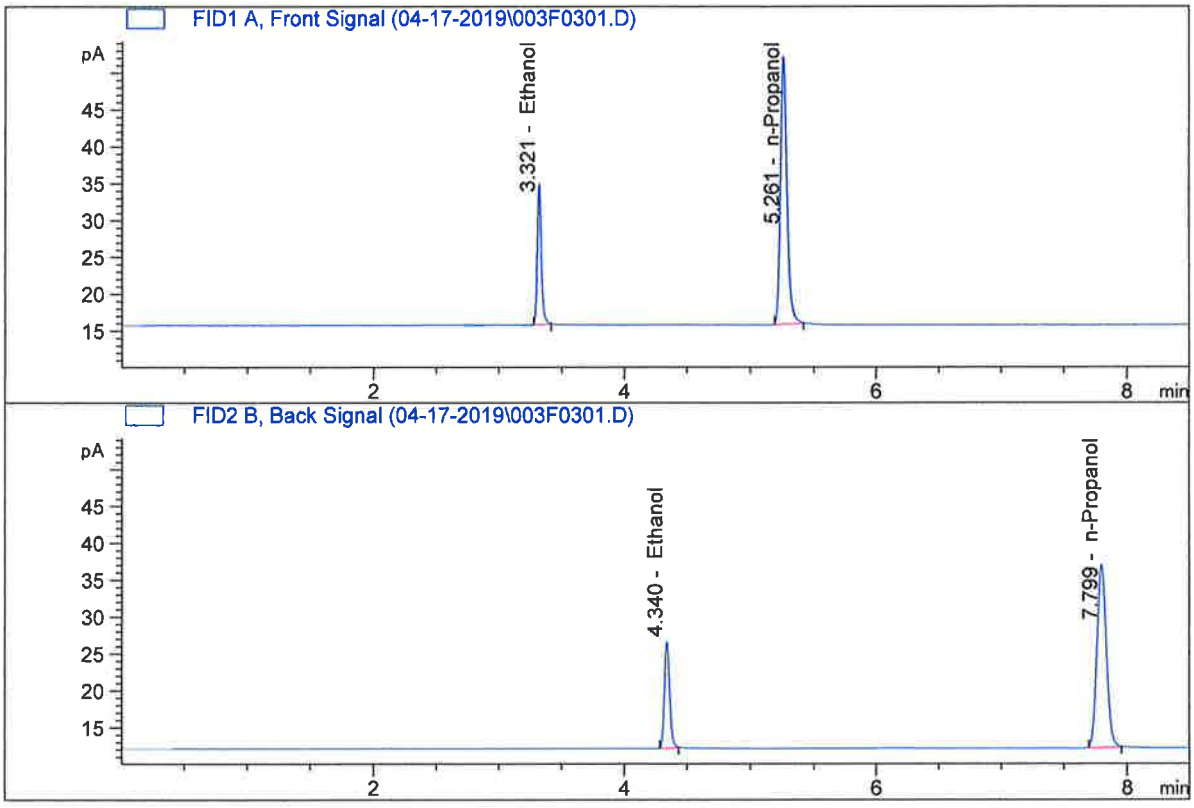


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	22.42487	0.0992	g/100cc
2.	Ethanol	Column 2:	21.37463	0.0976	g/100cc
3.	n-Propanol	Column 1:	134.16615	1.0000	g/100cc
4.	n-Propanol	Column 2:	131.95996	1.0000	g/100cc

AC

ISP Forensic Services Blood Alcohol Report

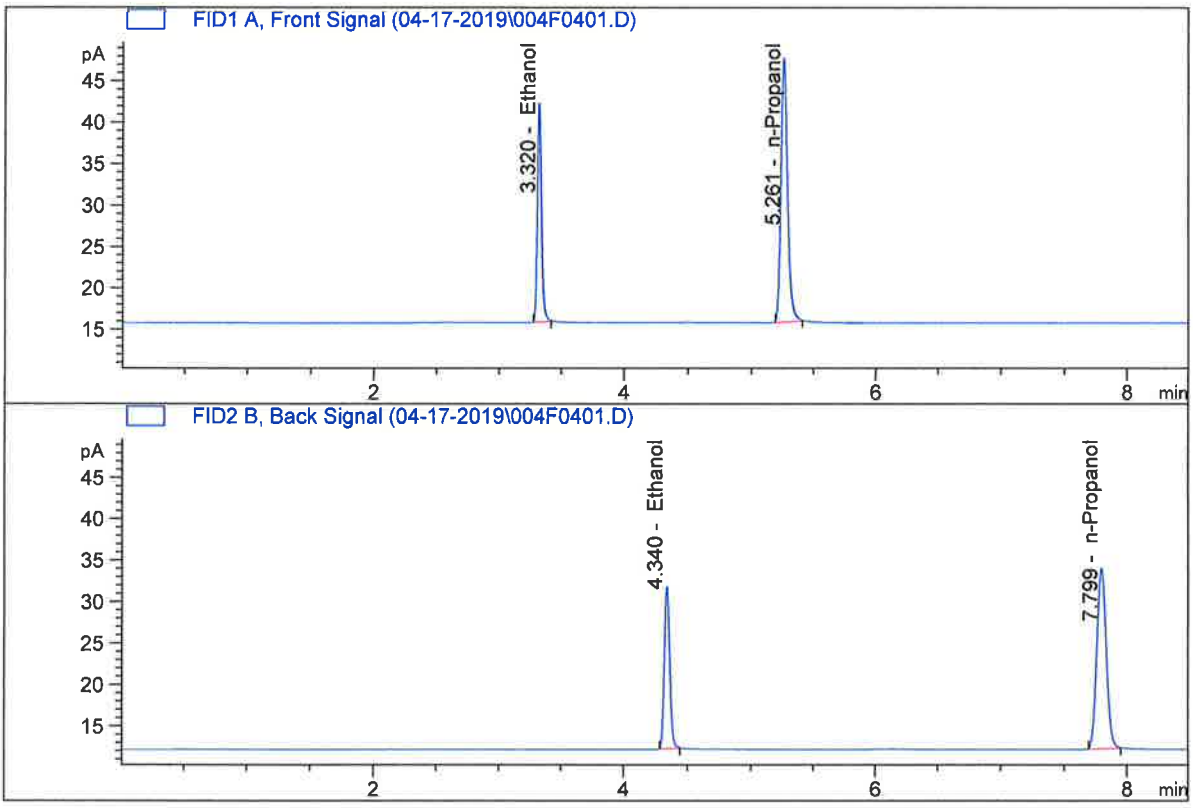
Sample Name : 0.200
Laboratory : Pocatello
Injection Date : Apr 17, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.35056	0.1987	g/100cc
2.	Ethanol	Column 2:	42.37711	0.1970	g/100cc
3.	n-Propanol	Column 1:	132.39201	1.0000	g/100cc
4.	n-Propanol	Column 2:	129.61139	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

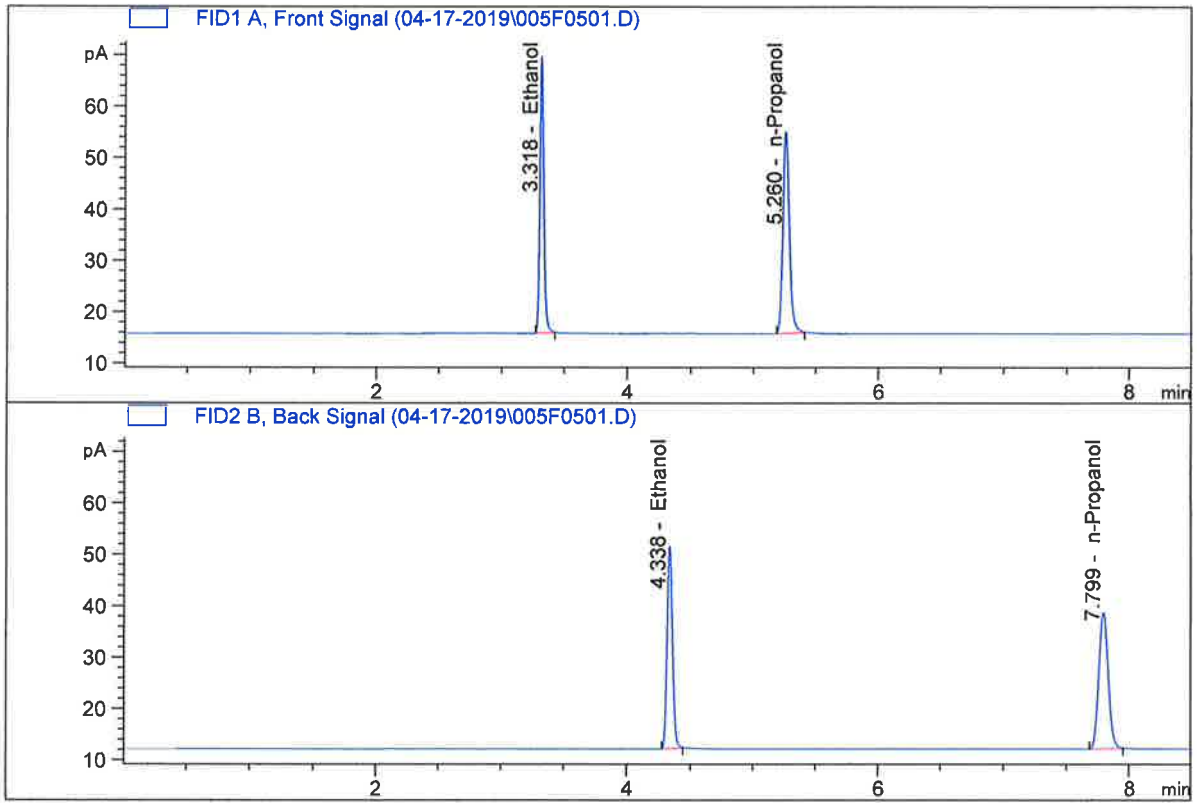
Sample Name : 0.300
Laboratory : Pocatello
Injection Date : Apr 17, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	60.32554	0.3062	g/100cc
2.	Ethanol	Column 2:	57.82619	0.3053	g/100cc
3.	n-Propanol	Column 1:	116.90036	1.0000	g/100cc
4.	n-Propanol	Column 2:	114.11259	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500
Laboratory : Pocatello
Injection Date : Apr 17, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

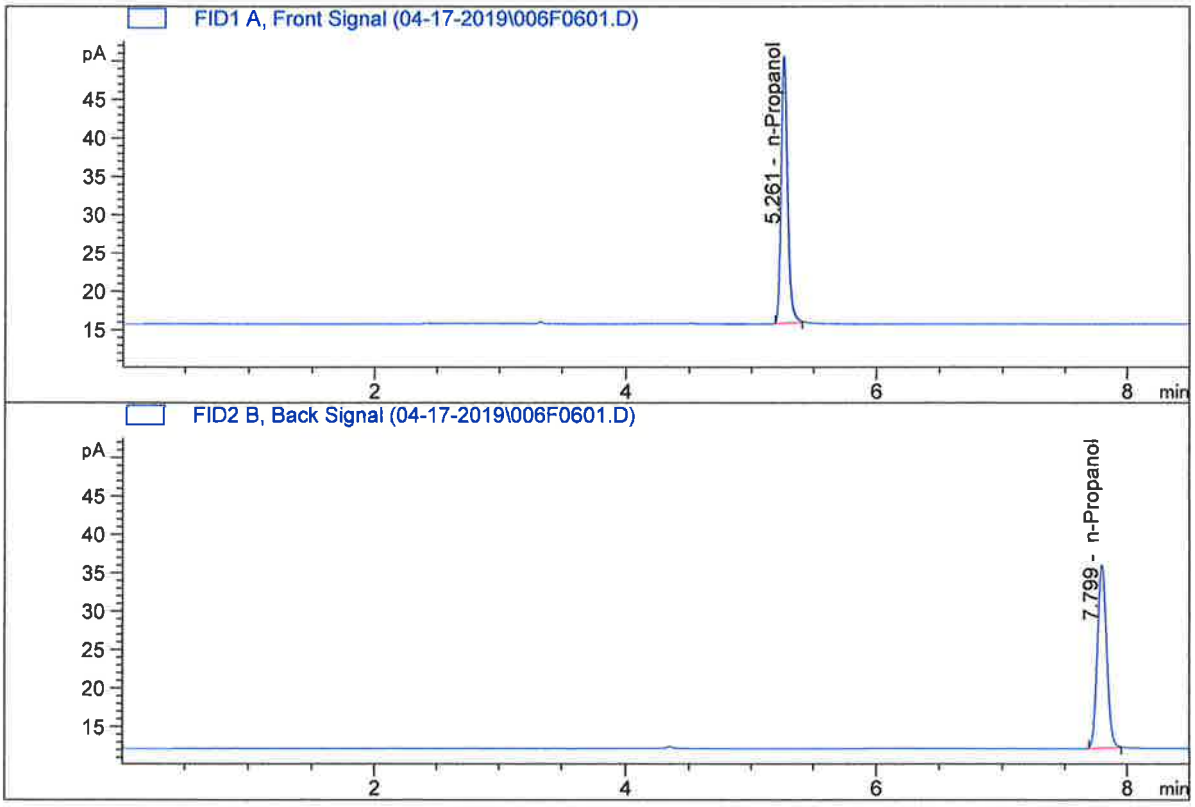


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	119.45229	0.4969	g/100cc
2.	Ethanol	Column 2:	114.67548	0.4985	g/100cc
3.	n-Propanol	Column 1:	142.62369	1.0000	g/100cc
4.	n-Propanol	Column 2:	138.57082	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK-1
Laboratory : Pocatello
Injection Date : Apr 17, 2019
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:	125.98264	1.0000	g/100cc
4.	n-Propanol	Column 2:	124.94227	1.0000	g/100cc

Sample Summary

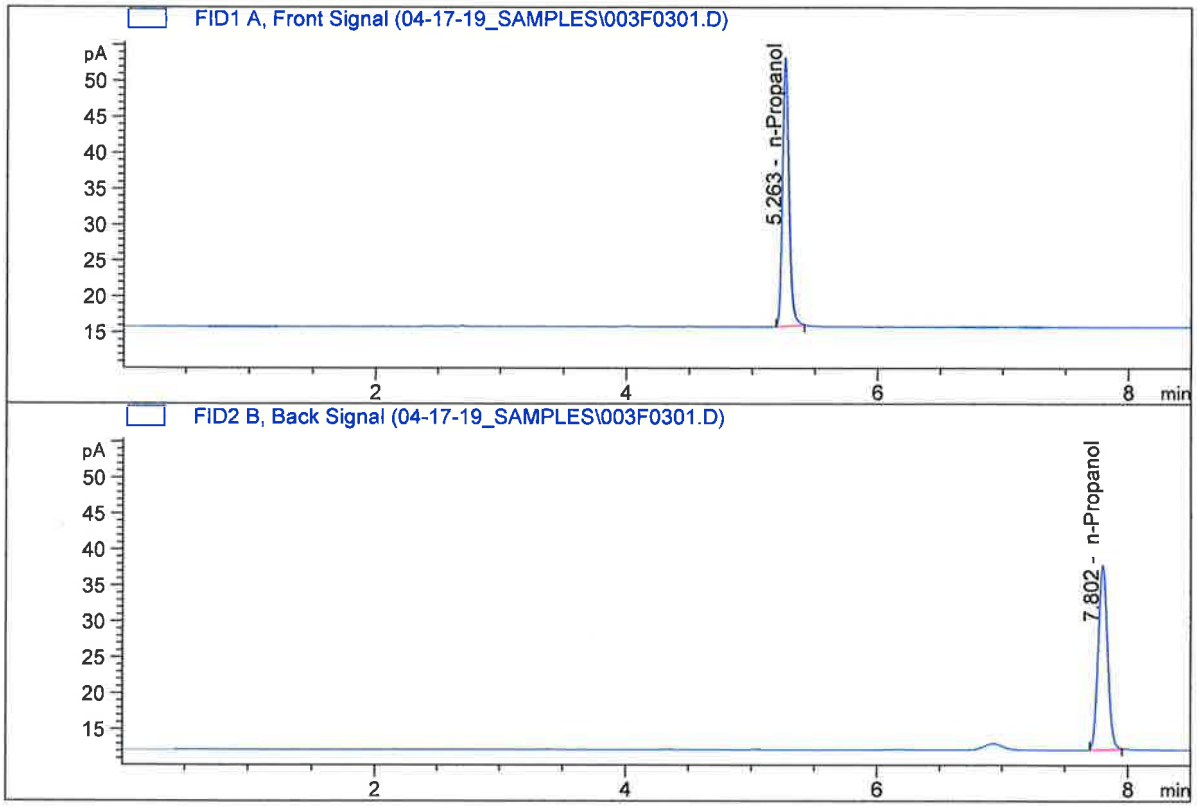
Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_17.04.2019_12.30.01\MASTERCAL.S
Data directory path: C:\Chem32\1\Data\04-17-2019
Logbook: C:\Chem32\1\Data\04-17-2019\MASTERCAL.LOG
Sequence start: 4/17/2019 12:43:49 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

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	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	ISTD BLANK-1	-	1.0000	006F0601.D		2

ISP Forensic Services Blood Alcohol Report

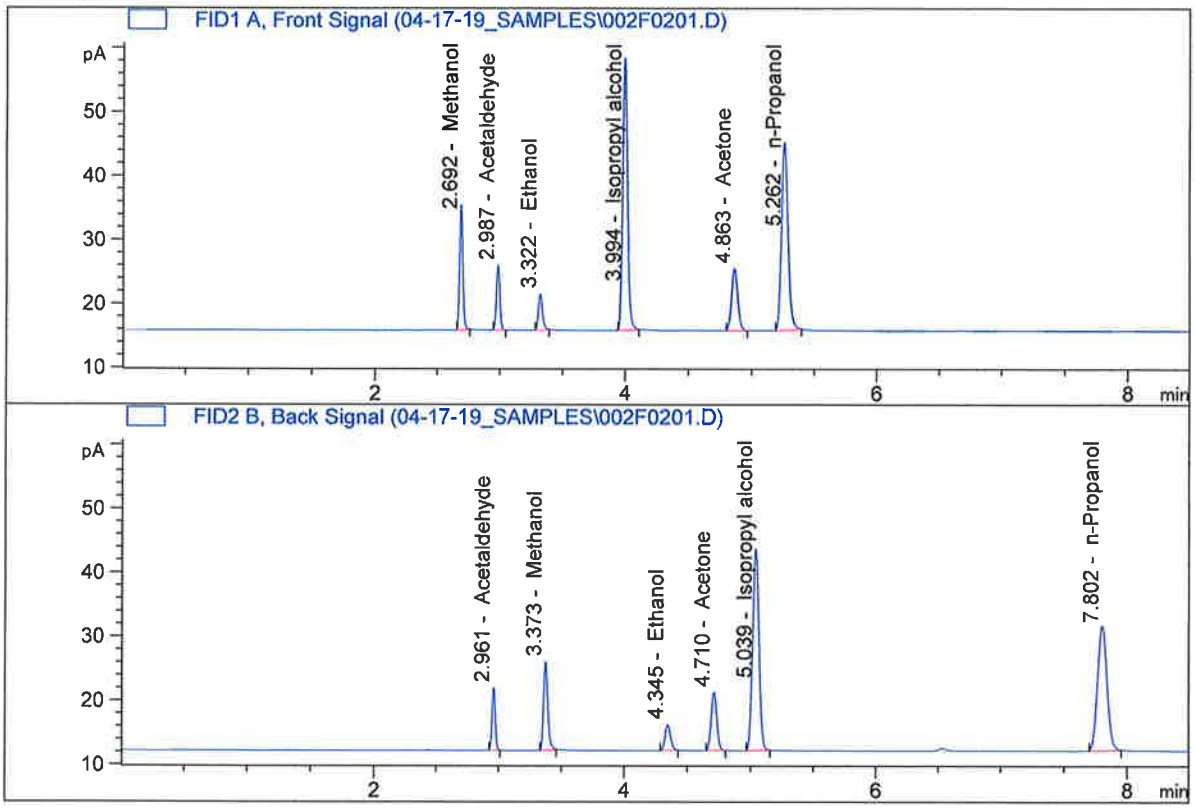
Sample Name : INTERNAL STD
Laboratory : Pocatello
Injection Date : Apr 17, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	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:	135.38866	1.0000	g/100cc
4.	n-Propanol	Column 2:	134.05330	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

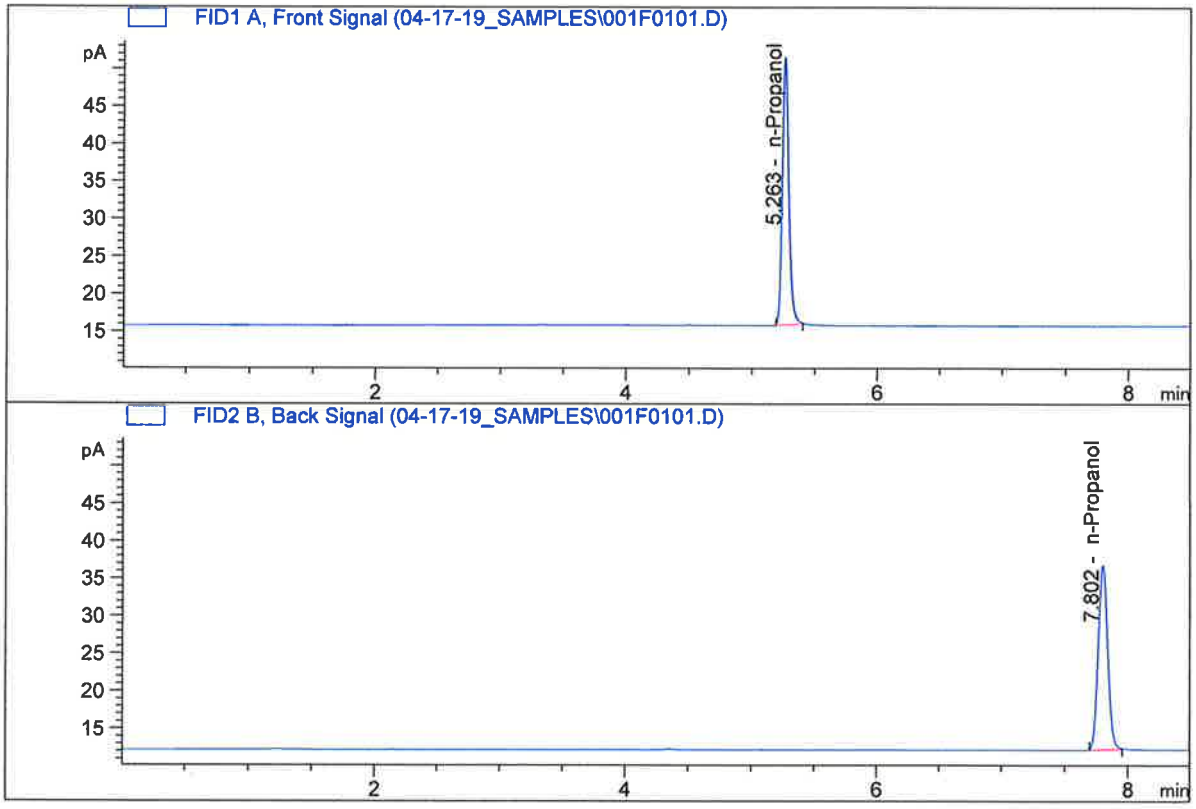
Sample Name : MULTI-COMP MIX
Laboratory : Pocatello
Injection Date : Apr 17, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.00859	0.0728	g/100cc
2.	Ethanol	Column 2:	12.05815	0.0708	g/100cc
3.	n-Propanol	Column 1:	105.99213	1.0000	g/100cc
4.	n-Propanol	Column 2:	102.54063	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Pocatello
Injection Date : Apr 17, 2019
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:	129.08170	1.0000	g/100cc
4.	n-Propanol	Column 2:	128.51984	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 17 Apr 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0765	0.0752	0.0013	0.0758	0.0763	
(g/100cc)	0.0774	0.0763	0.0011	0.0768		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: MD96BC1382

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.076	0.072	0.080	0.004

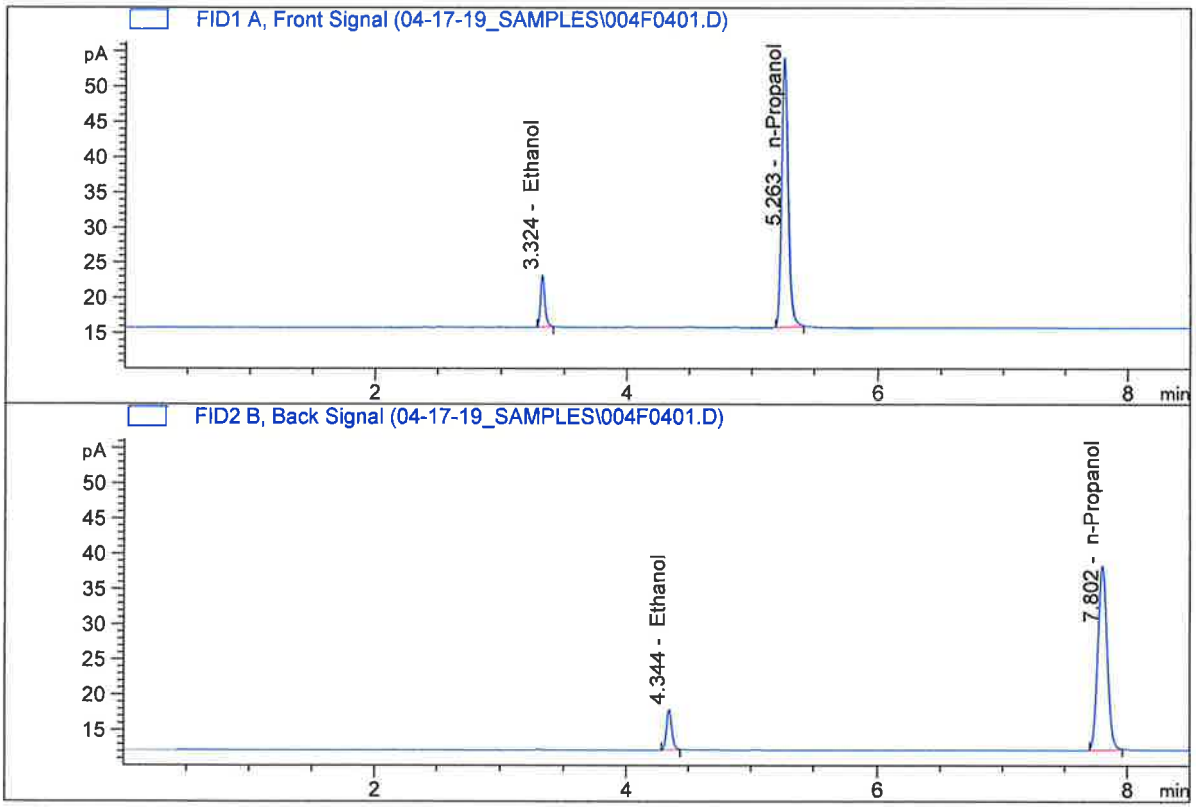
Reported Result

0.076

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

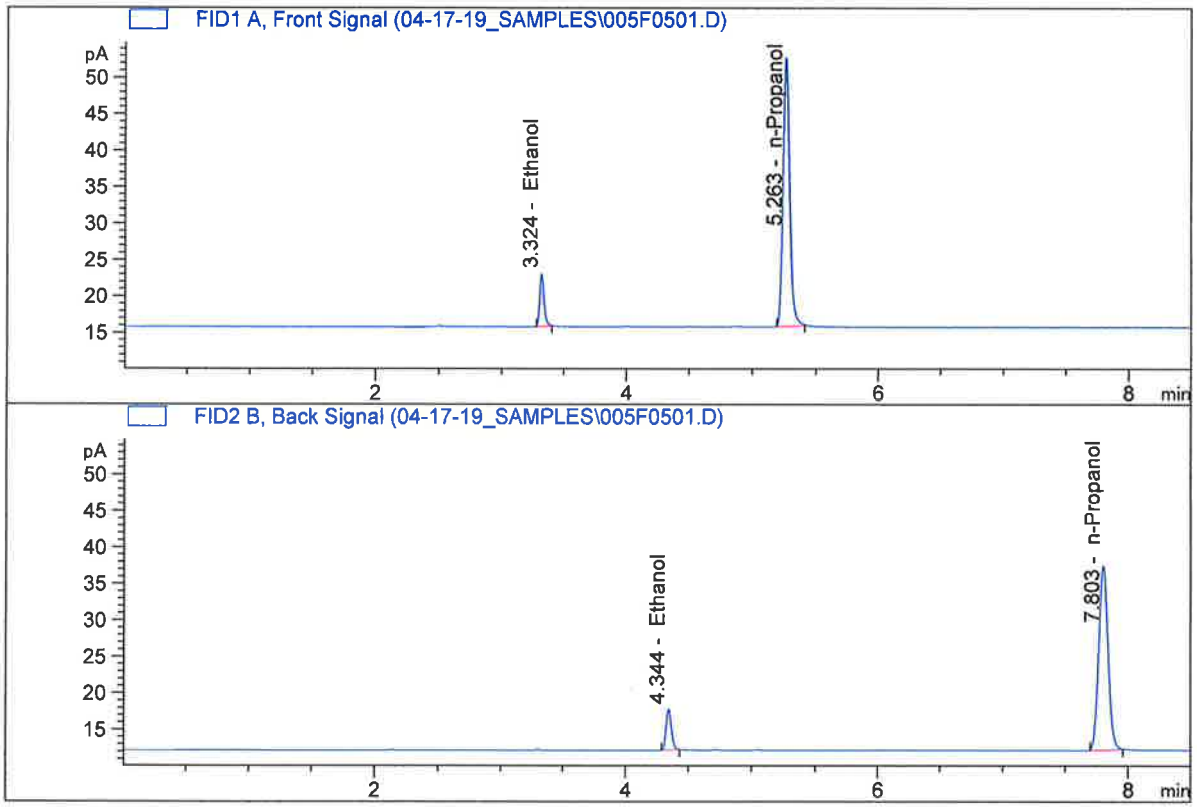
Sample Name : QC1-1-A
Laboratory : Pocatello
Injection Date : Apr 17, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.84110	0.0765	g/100cc
2.	Ethanol	Column 2:	17.08246	0.0752	g/100cc
3.	n-Propanol	Column 1:	138.32253	1.0000	g/100cc
4.	n-Propanol	Column 2:	136.75453	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Pocatello
Injection Date : Apr 17, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.40631	0.0774	g/100cc
2.	Ethanol	Column 2:	16.75101	0.0763	g/100cc
3.	n-Propanol	Column 1:	133.35318	1.0000	g/100cc
4.	n-Propanol	Column 2:	132.22783	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 08 QA **Analysis Date(s): 17 Apr 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0784	0.0767	0.0017	0.0775	0.0779	
(g/100cc)	0.0789	0.0776	0.0013	0.0782		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: MD96BC1382

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

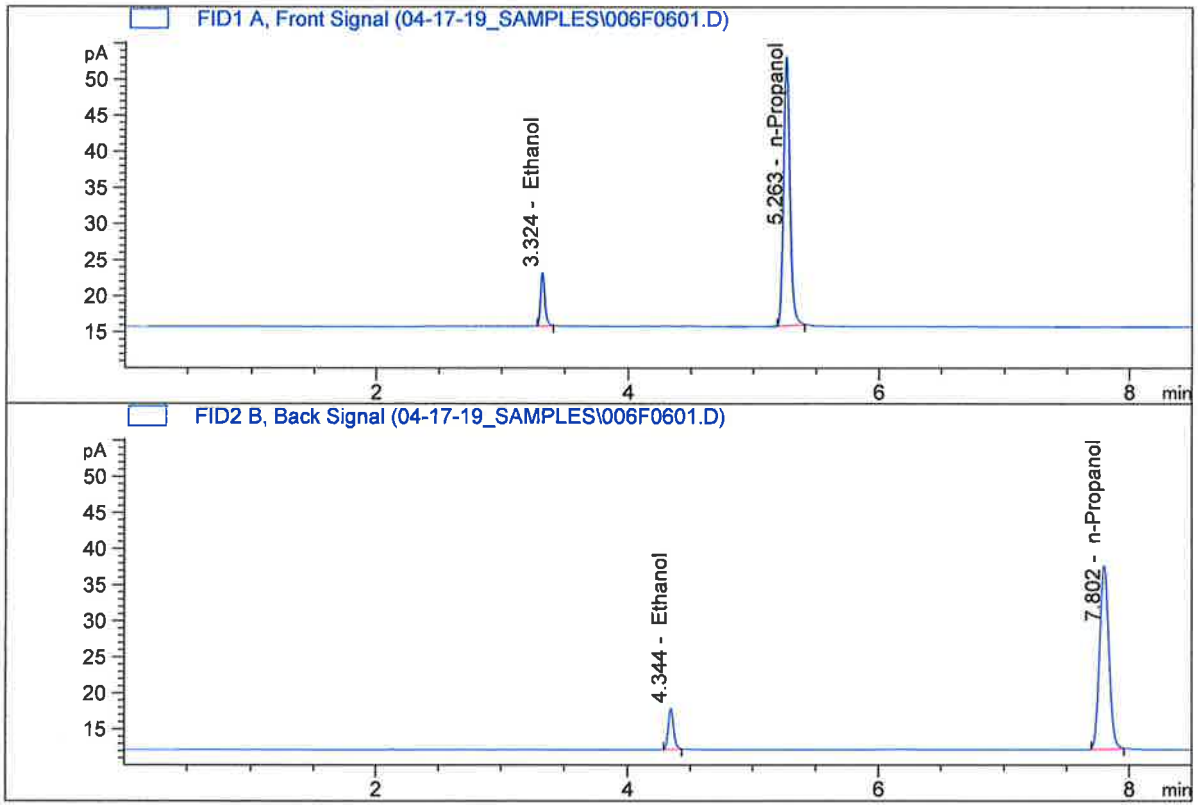
Reported Result

0.077

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

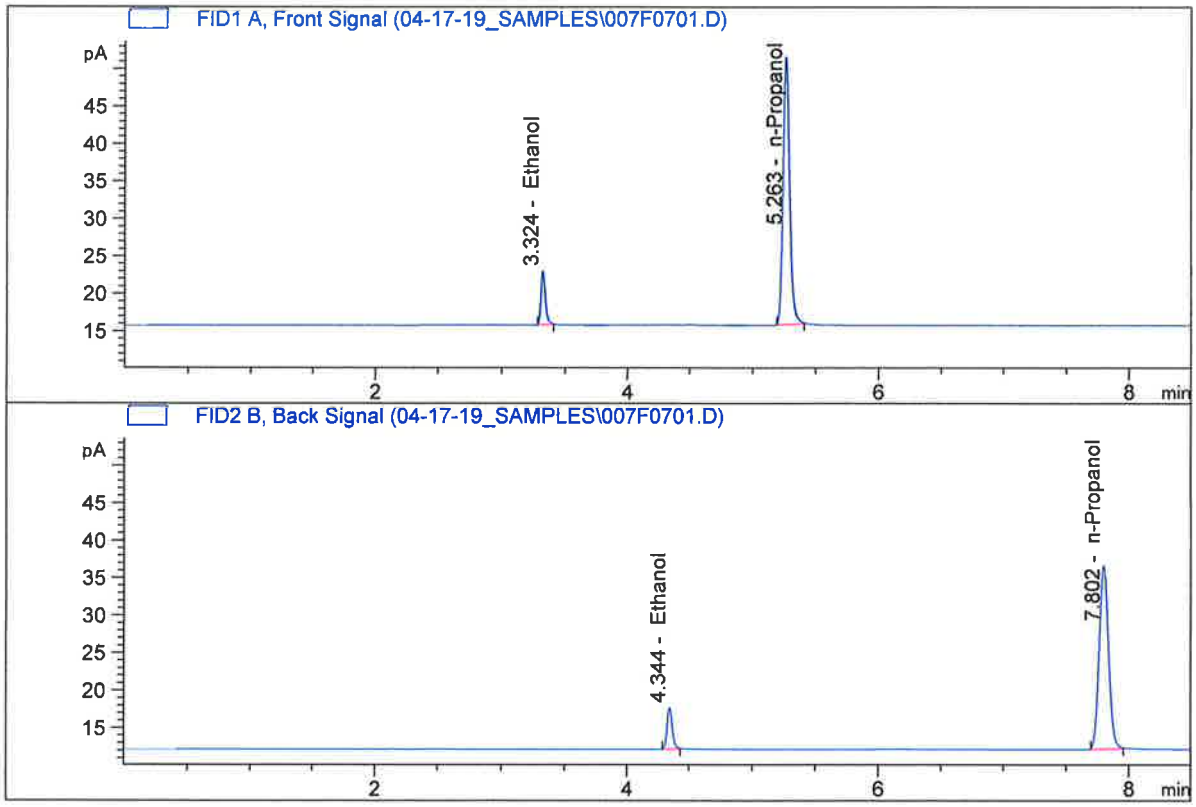
Sample Name : 08 QA-A
Laboratory : Pocatello
Injection Date : Apr 17, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.84249	0.0784	g/100cc
2.	Ethanol	Column 2:	16.99374	0.0767	g/100cc
3.	n-Propanol	Column 1:	134.99733	1.0000	g/100cc
4.	n-Propanol	Column 2:	133.49173	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 08 QA-B
Laboratory : Pocatello
Injection Date : Apr 17, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.16834	0.0789	g/100cc
2.	Ethanol	Column 2:	16.48015	0.0776	g/100cc
3.	n-Propanol	Column 1:	129.14581	1.0000	g/100cc
4.	n-Propanol	Column 2:	127.93427	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 17 Apr 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1916	0.1905	0.0011	0.1910	0.1920	
(g/100cc)	0.1939	0.1920	0.0019	0.1929		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: MD96BC1382

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.192	0.182	0.202	0.010

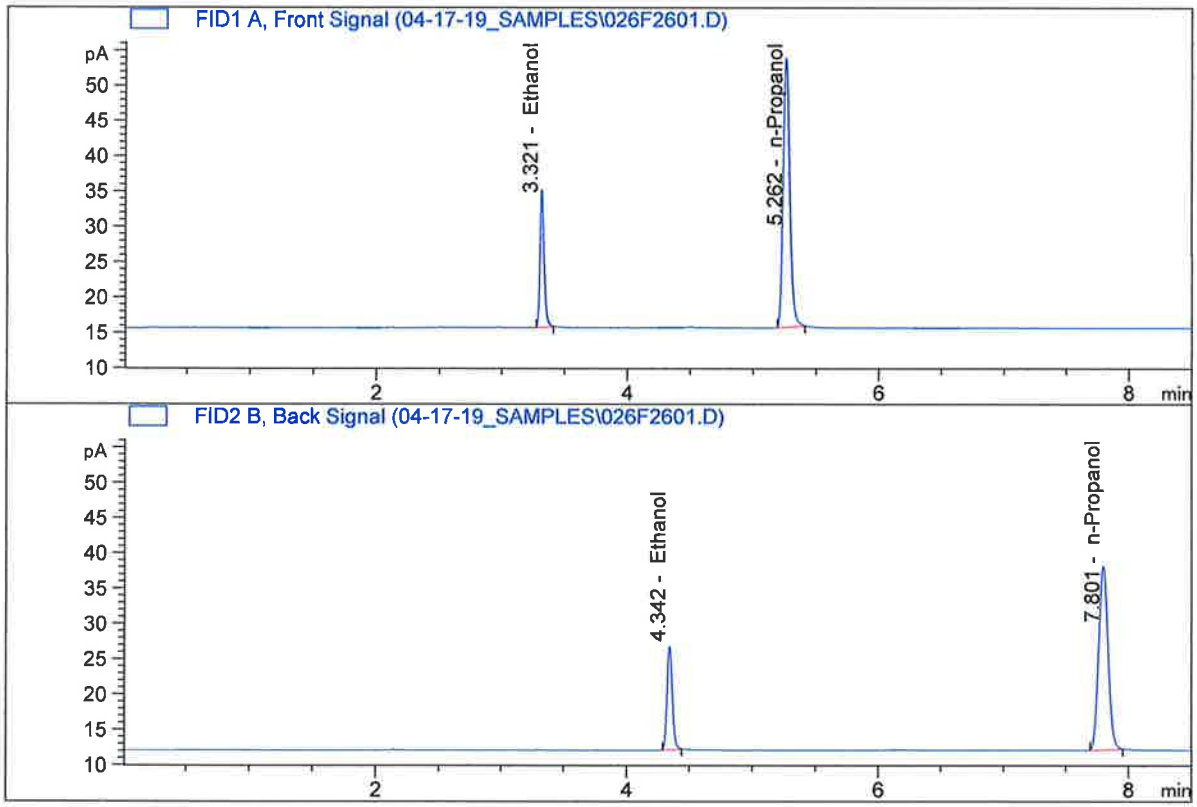
Reported Result

0.192

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

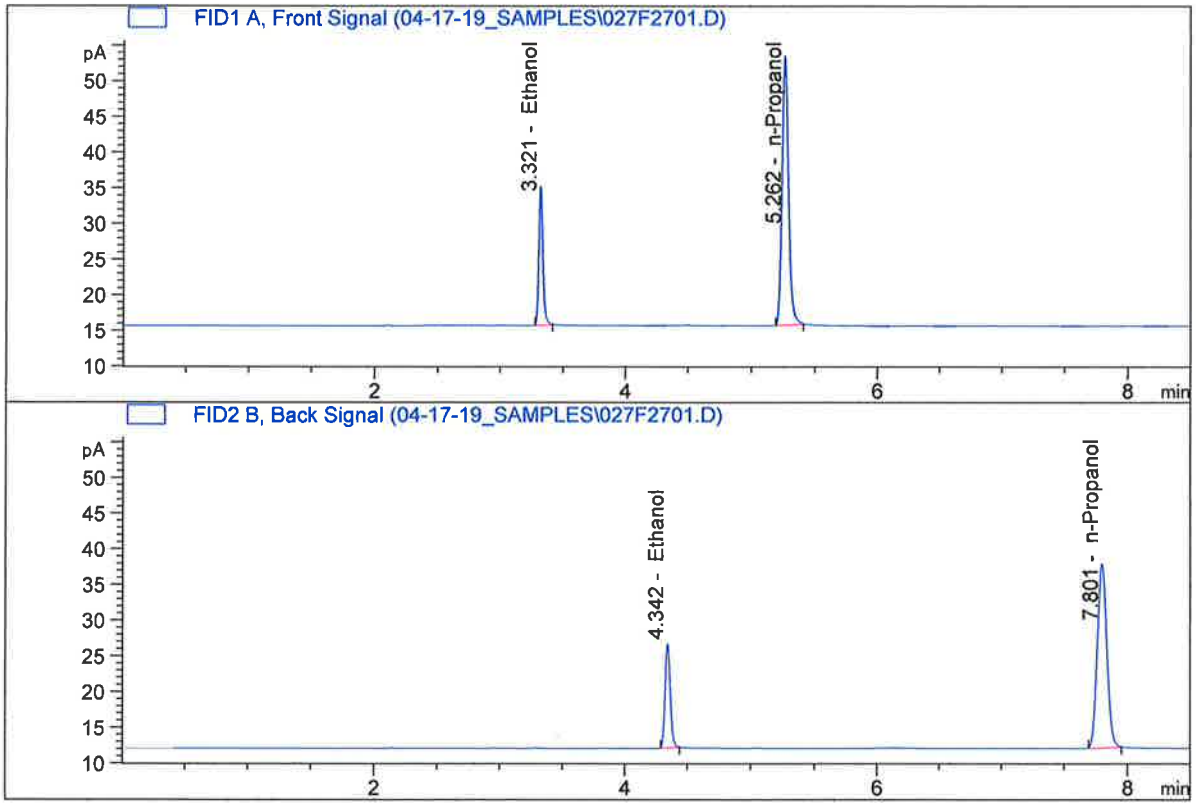
Sample Name : QC2-1-A
Laboratory : Pocatello
Injection Date : Apr 17, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.74306	0.1916	g/100cc
2.	Ethanol	Column 2:	43.17096	0.1905	g/100cc
3.	n-Propanol	Column 1:	138.56030	1.0000	g/100cc
4.	n-Propanol	Column 2:	136.55241	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Pocatello
Injection Date : Apr 17, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.64499	0.1939	g/100cc
2.	Ethanol	Column 2:	42.93964	0.1920	g/100cc
3.	n-Propanol	Column 1:	136.60069	1.0000	g/100cc
4.	n-Propanol	Column 2:	134.74402	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 18 Apr 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0771	0.0749	0.0022	0.0760	0.0766	
(g/100cc)	0.0786	0.0761	0.0025	0.0773		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: MD96BC1382

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.076	**0.072**	**0.080**	**0.004**

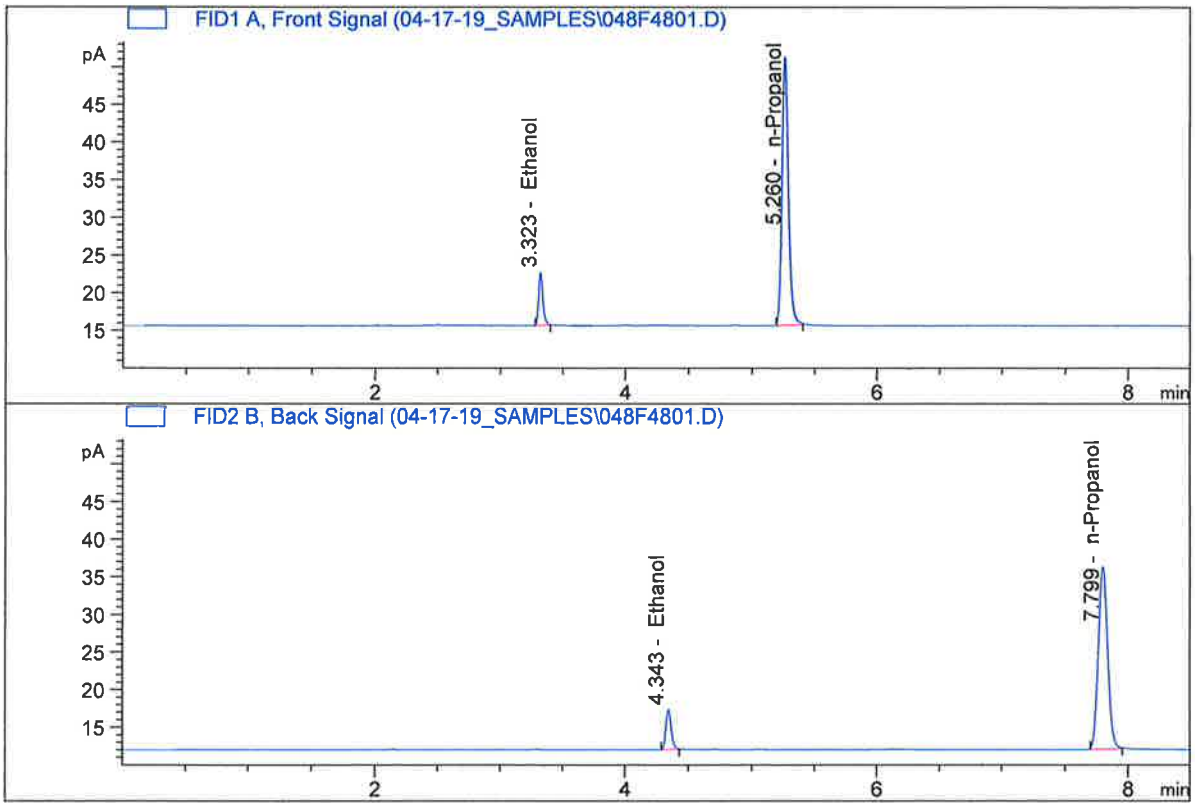
Reported Result

0.076

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

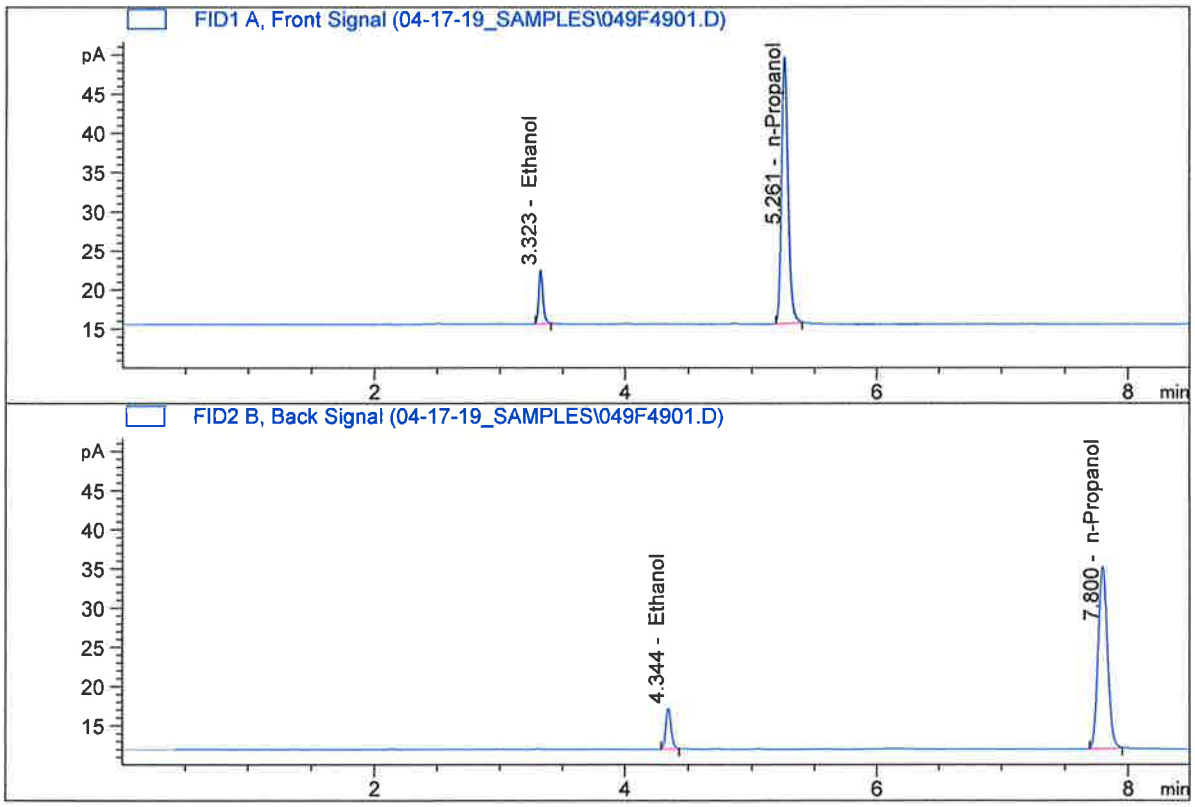
Sample Name : QC1-2-A
Laboratory : Pocatello
Injection Date : Apr 18, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.71593	0.0771	g/100cc
2.	Ethanol	Column 2:	15.79171	0.0749	g/100cc
3.	n-Propanol	Column 1:	128.63643	1.0000	g/100cc
4.	n-Propanol	Column 2:	126.98276	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Pocatello
Injection Date : Apr 18, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.24102	0.0786	g/100cc
2.	Ethanol	Column 2:	15.33064	0.0761	g/100cc
3.	n-Propanol	Column 1:	122.66102	1.0000	g/100cc
4.	n-Propanol	Column 2:	121.38328	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 18 Apr 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1933	0.1911	0.0022	0.1922	0.1935	
(g/100cc)	0.1959	0.1939	0.0020	0.1949		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: MD96BC1382

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.193	0.183	0.203	0.010

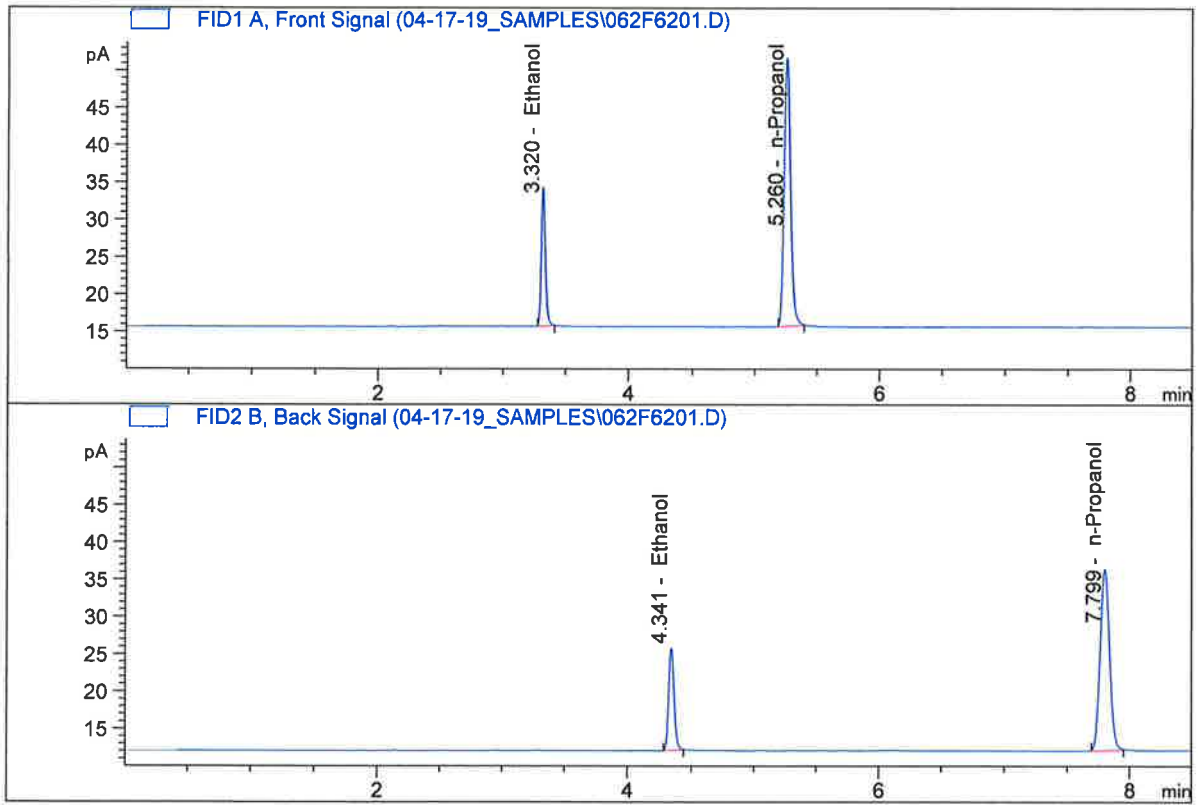
Reported Result

0.193

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

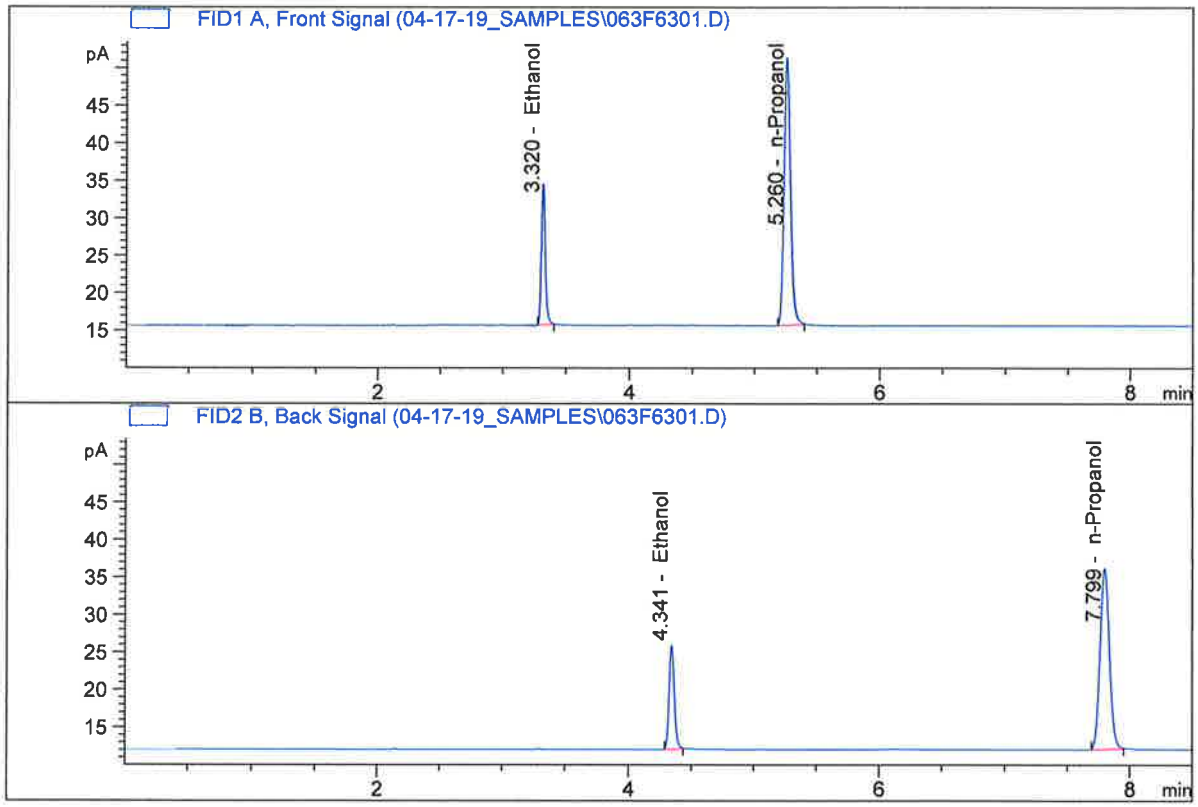
Sample Name : QC2-2-A
Laboratory : Pocatello
Injection Date : Apr 18, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	42.17290	0.1933	g/100cc
2.	Ethanol	Column 2:	40.31960	0.1911	g/100cc
3.	n-Propanol	Column 1:	129.45187	1.0000	g/100cc
4.	n-Propanol	Column 2:	127.08006	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

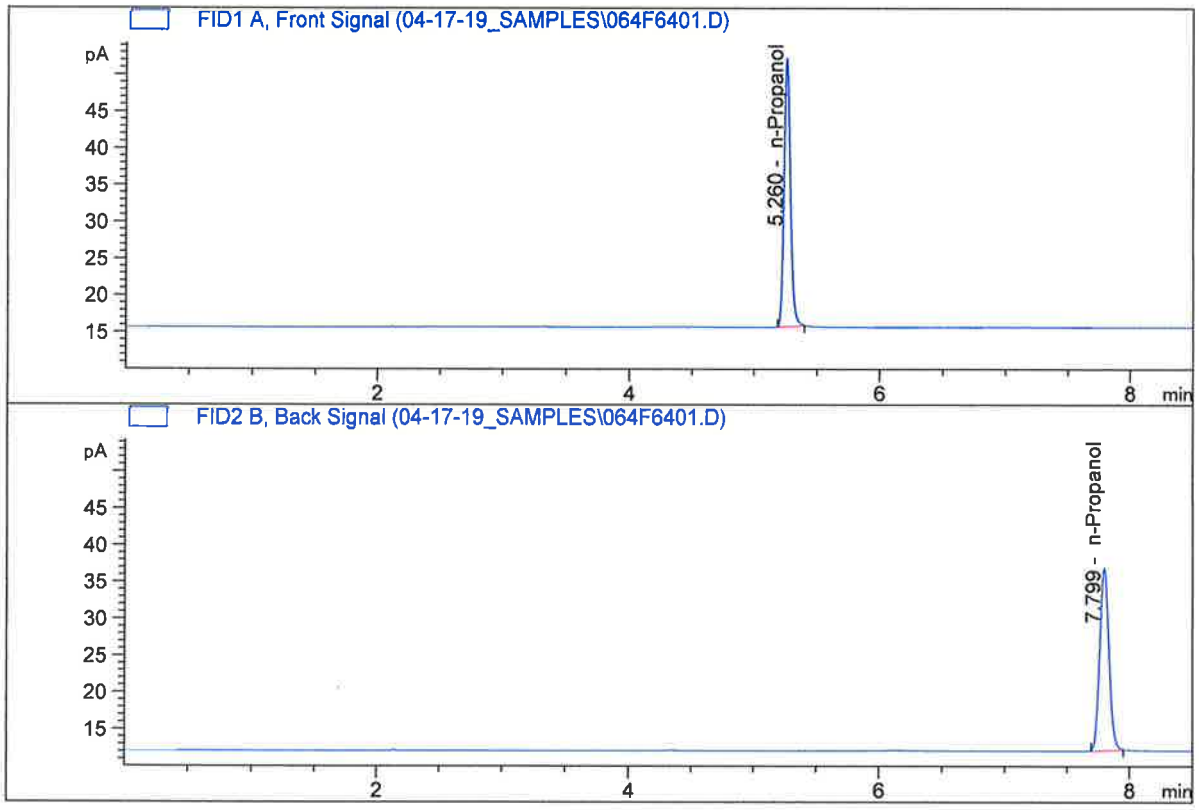
Sample Name : QC2-2-B
Laboratory : Pocatello
Injection Date : Apr 18, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	42.42773	0.1959	g/100cc
2.	Ethanol	Column 2:	40.54977	0.1939	g/100cc
3.	n-Propanol	Column 1:	128.48994	1.0000	g/100cc
4.	n-Propanol	Column 2:	126.00235	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

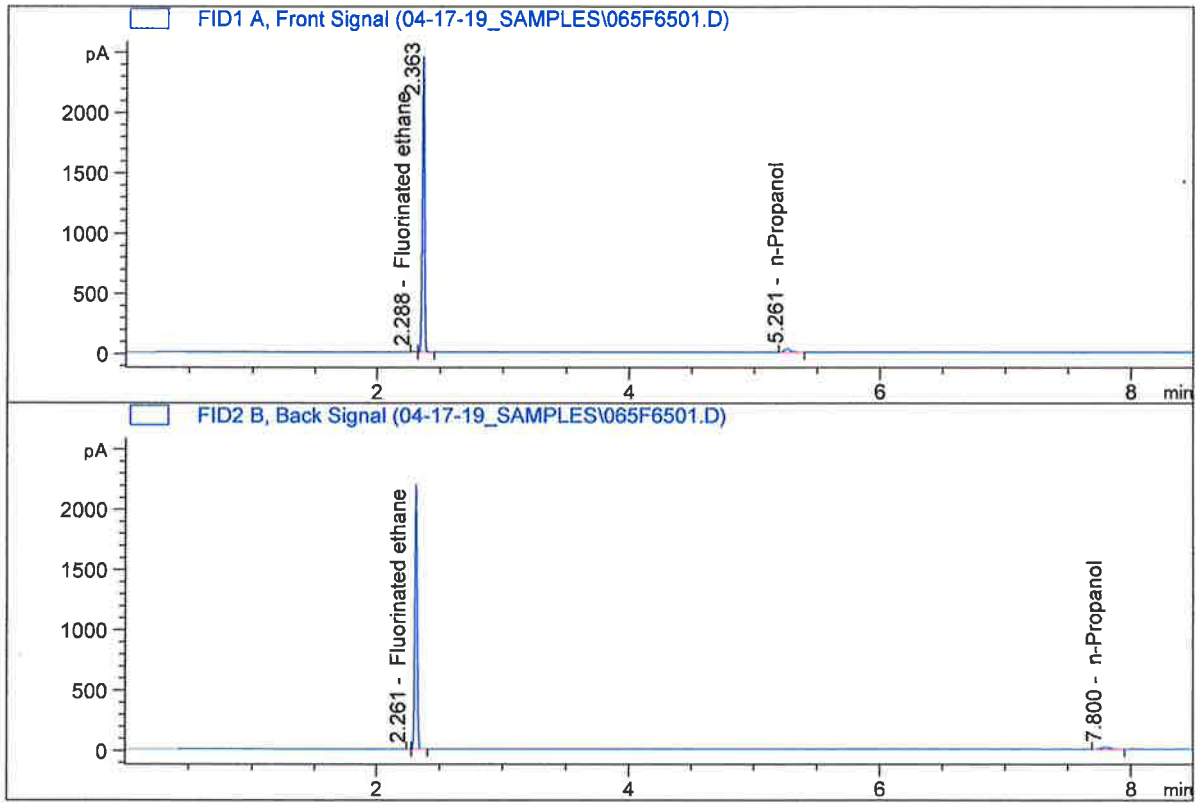
Sample Name : INT STD BLK
Laboratory : Pocatello
Injection Date : Apr 18, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	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:	131.15565	1.0000	g/100cc
4.	n-Propanol	Column 2:	129.43814	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

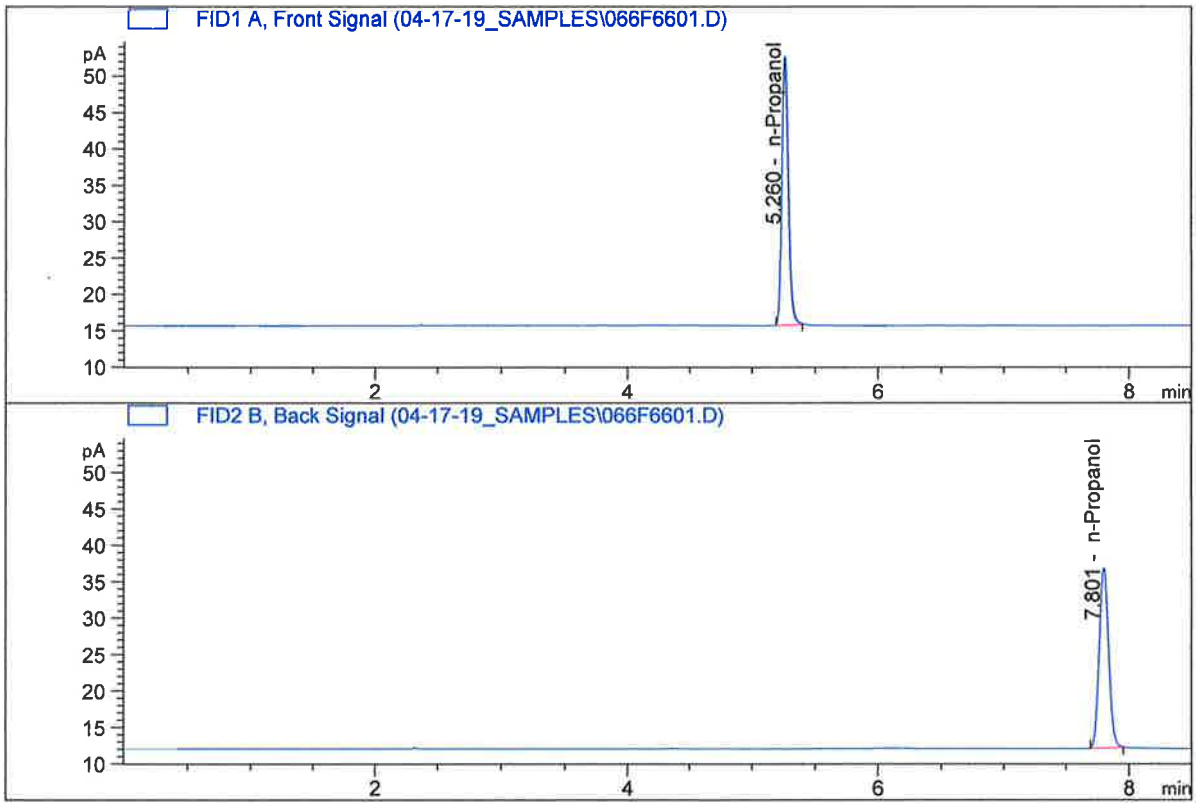
Sample Name : DFE
Laboratory : Pocatello
Injection Date : Apr 18, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	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:	96.52047	1.0000	g/100cc
4.	n-Propanol	Column 2:	94.81223	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INT STD BLK
Laboratory : Pocatello
Injection Date : Apr 18, 2019
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:	132.08958	1.0000	g/100cc
4.	n-Propanol	Column 2:	129.82619	1.0000	g/100cc

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_17.04.2019_04.44.25\MASTERSAMPLES.S
Data directory path: C:\Chem32\1\Data\04-17-19_SAMPLES
Logbook: C:\Chem32\1\Data\04-17-19_SAMPLES\MASTERSAMPLES.LOG
Sequence start: 4/17/2019 4:58:14 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	INTERNAL STD BLK	-	1.0000	001F0101.D	2
2	2	1	MULTI-COMP MIX	-	1.0000	002F0201.D	12
3	3	1	INTERNAL STD	-	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	P2019-0890-1-A	-	1.0000	008F0801.D	3
9	9	1	P2019-0890-1-B	-	1.0000	009F0901.D	3
10	10	1	P2019-0918-1-A	-	1.0000	010F1001.D	6
11	11	1	P2019-0918-1-B	-	1.0000	011F1101.D	6
12	12	1	P2019-0935-1-A	-	1.0000	012F1201.D	6
13	13	1	P2019-0935-1-B	-	1.0000	013F1301.D	6
14	14	1	P2019-0936-1-A	-	1.0000	014F1401.D	6
15	15	1	P2019-0936-1-B	-	1.0000	015F1501.D	6
16	16	1	P2019-0954-1-A	-	1.0000	016F1601.D	6
17	17	1	P2019-0954-1-B	-	1.0000	017F1701.D	6
18	18	1	P2019-0991-1-A	-	1.0000	018F1801.D	4
19	19	1	P2019-0991-1-B	-	1.0000	019F1901.D	4
20	20	1	P2019-0992-1-A	-	1.0000	020F2001.D	6
21	21	1	P2019-0992-1-B	-	1.0000	021F2101.D	0
22	22	1	P2019-1003-1-A	-	1.0000	022F2201.D	6
23	23	1	P2019-1003-1-B	-	1.0000	023F2301.D	6
24	24	1	P2019-1005-1-A	-	1.0000	024F2401.D	6
25	25	1	P2019-1005-1-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	P2019-1007-1-A	-	1.0000	028F2801.D	6
29	29	1	P2019-1007-1-B	-	1.0000	029F2901.D	6
30	30	1	P2019-1008-1-A	-	1.0000	030F3001.D	6
31	31	1	P2019-1008-1-B	-	1.0000	031F3101.D	6
32	32	1	P2019-1018-1-A	-	1.0000	032F3201.D	6
33	33	1	P2019-1018-1-B	-	1.0000	033F3301.D	6
34	34	1	P2019-1019-1-A	-	1.0000	034F3401.D	2
35	35	1	P2019-1019-1-B	-	1.0000	035F3501.D	2
36	36	1	P2019-1025-1-A	-	1.0000	036F3601.D	6
37	37	1	P2019-1025-1-B	-	1.0000	037F3701.D	6
38	38	1	P2019-1026-1-A	-	1.0000	038F3801.D	6
39	39	1	P2019-1026-1-B	-	1.0000	039F3901.D	6
40	40	1	P2019-1036-1-A	-	1.0000	040F4001.D	6
41	41	1	P2019-1036-1-B	-	1.0000	041F4101.D	4
42	42	1	P2019-1054-1-A	-	1.0000	042F4201.D	4
43	43	1	P2019-1054-1-B	-	1.0000	043F4301.D	4
44	44	1	P2019-1061-1-A	-	1.0000	044F4401.D	6
45	45	1	P2019-1061-1-B	-	1.0000	045F4501.D	6
46	46	1	P2019-1062-1-A	-	1.0000	046F4601.D	2

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_17.04.2019_04.44.25\MASTERSAMPLES.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
47	47	1	P2019-1062-1-B	-	1.0000	047F4701.D		2
48	48	1	QC1-2-A	-	1.0000	048F4801.D		4
49	49	1	QC1-2-B	-	1.0000	049F4901.D		4
50	50	1	P2019-1063-1-A	-	1.0000	050F5001.D		6
51	51	1	P2019-1063-1-B	-	1.0000	051F5101.D		6
52	52	1	P2019-1081-1-A	-	1.0000	052F5201.D		4
53	53	1	P2019-1081-1-B	-	1.0000	053F5301.D		4
54	54	1	P2019-1095-1-A	-	1.0000	054F5401.D		6
55	55	1	P2019-1095-1-B	-	1.0000	055F5501.D		6
56	56	1	P2019-1097-1-A	-	1.0000	056F5601.D		2
57	57	1	P2019-1097-1-B	-	1.0000	057F5701.D		2
58	58	1	P2019-1098-1-A	-	1.0000	058F5801.D		4
59	59	1	P2019-1098-1-B	-	1.0000	059F5901.D		4
60	60	1	P2019-1108-1-A	-	1.0000	060F6001.D		4
61	61	1	P2019-1108-1-B	-	1.0000	061F6101.D		4
62	62	1	QC2-2-A	-	1.0000	062F6201.D		4
63	63	1	QC2-2-B	-	1.0000	063F6301.D		4
64	64	1	INT STD BLK	-	1.0000	064F6401.D		2
65	65	1	DFE	-	1.0000	065F6501.D		4
66	66	1	INT STD BLK	-	1.0000	066F6601.D		2