2/26/2020

Worklist: 4028

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
P2020-0473	1	BCK	Alcohol Analysis
P2020-0474	1	BCK	Alcohol Analysis
P2020-0493	1	BCK	Alcohol Analysis
P2020-0494	1	BCK	Alcohol Analysis
P2020-0500	1	BCK	Alcohol Analysis
P2020-0506	1	BCK	Alcohol Analysis
P2020-0513	1	BCK	Alcohol Analysis
P2020-0514	1	BCK	Alcohol Analysis
P2020-0527	1	BCK	Alcohol Analysis
P2020-0535	1	BCK	Alcohol Analysis
P2020-0538	1	BCK	Alcohol Analysis
P2020-0540	1	BCK	Alcohol Analysis
P2020-0567	1	BCK	Alcohol Analysis
P2020-0602	1	BCK	Alcohol Analysis
P2020-0612	1	BCK	Alcohol Analysis
P2020-0636	1	BCK	Alcohol Analysis
P2020-0637	1	BCK	Alcohol Analysis
P2020-0638	1	BCK	Alcohol Analysis
P2020-0642	1	BCK	Alcohol Analysis
P2020-0643	1	BCK	Alcohol Analysis
P2020-0644	1	BCK	Alcohol Analysis

REVIEWED
By Jeremy Johnston at 10:20 am, Feb 27, 2020

Worklist: 4028

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
P2020-0645	1	BCK	Alcohol Analysis
P2020-0646	1	BCK	Alcohol Analysis
P2020-0655	1	BCK	Alcohol Analysis
P2020-0657	1	BCK	Alcohol Analysis
P2020-0666	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): 02/25/2020**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0778 g/100cc
					0.0790 g/100cc
					0.0799 g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.2011 g/100cc
					0.2067 g/100cc
					g/100cc

Multi-Component mixture:		**Lot #**	FN07101701		
Curve Fit:	**Column 1**	0.99999	**Column2**	0.99977	

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0499	0.0449	0.005	0.0474
100	0.100	0.090 - 0.110	0.0994	0.0923	0.0071	0.0958
200	0.200	0.180 - 0.220	0.1986	0.1928	0.0058	0.1957
300	0.300	0.270 - 0.330	0.2992	0.2975	0.0017	0.2983
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5012	0.5064	0.0052	0.5038

Aqueous Controls

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

Revision: 2
Issue Date: 12/23/2019
Issuing Authority: Quality Manager

Calibration Table

General Calibration Setting

Calib. Data Modified : Tuesday, February 25, 2020 1:19:04 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

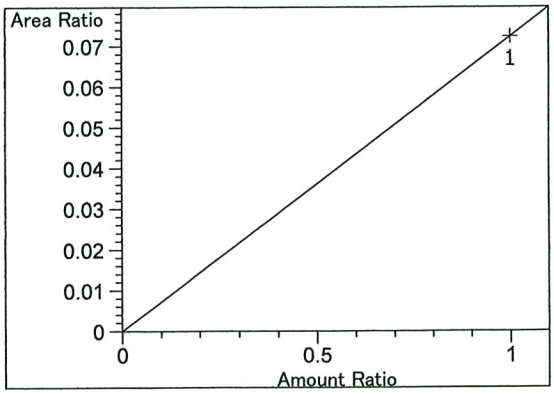
Method C:\CHEM32\1\METHODS\ALCOHOL.M

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.311	2	1	1.00000	6.45200	1.54991e-1	No	No	2	Fluorinated ethane
2.365	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
3.321	1	1	5.00000e-2	10.82828	4.61754e-3	No	No	1	Ethanol
		2	1.00000e-1	22.13226	4.51829e-3				
		3	2.00000e-1	43.76773	4.56958e-3				
		4	3.00000e-1	66.96391	4.48002e-3				
		5	5.00000e-1	113.22418	4.41602e-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
4.310	2	1	5.00000e-2	9.04117	5.53026e-3	No	No	2	Ethanol
		2	1.00000e-1	19.09233	5.23771e-3				
		3	2.00000e-1	38.96941	5.13223e-3				
		4	3.00000e-1	61.02884	4.91571e-3				
		5	5.00000e-1	104.73389	4.77400e-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
5.265	1	1	1.00000	99.07478	1.00934e-2	No	Yes	1	n-Propanol
		2	1.00000	101.63017	9.83960e-3				
		3	1.00000	100.59692	9.94066e-3				
		4	1.00000	102.14867	9.78965e-3				
		5	1.00000	103.09161	9.70011e-3				
		6	1.00000	111.45872	8.97193e-3				
7.727	2	1	1.00000	89.11363	1.12216e-2	No	Yes	2	n-Propanol
		2	1.00000	91.45866	1.09339e-2				
		3	1.00000	89.37694	1.11886e-2				
		4	1.00000	90.71700	1.10233e-2				
		5	1.00000	91.46376	1.09333e-2				
		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

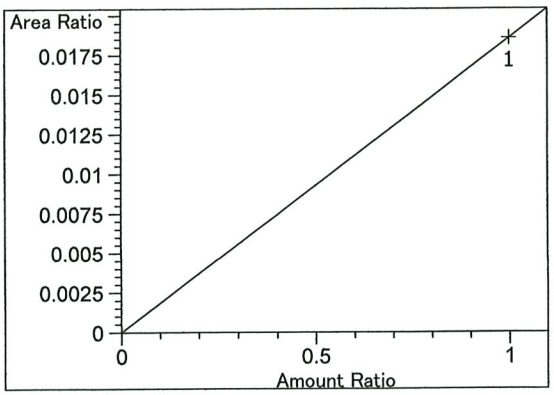
Peak Sum Table

No Entries in table

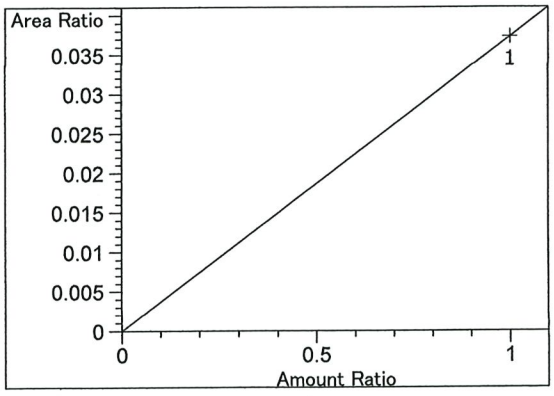
Calibration Curves



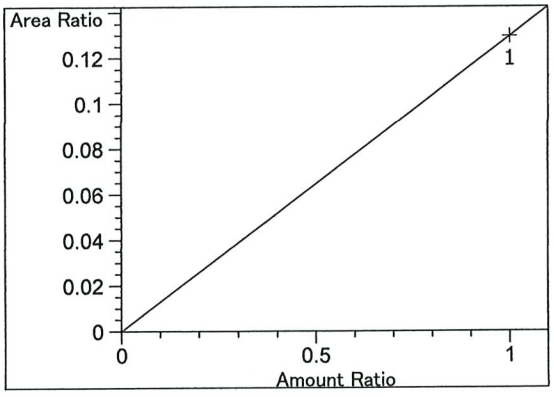
Fluorinated ethane at exp. RT: 2.311
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.24019e-2
x: Amount Ratio
y: Area Ratio



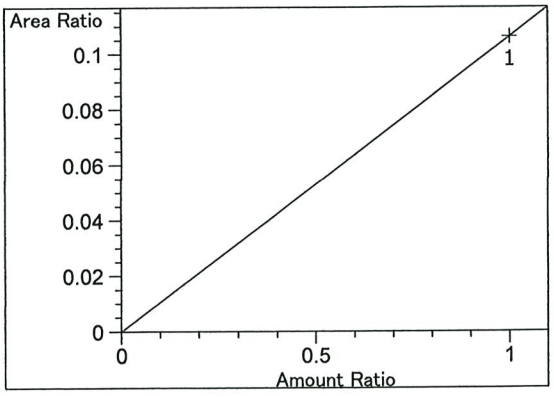
Fluorinated ethane at exp. RT: 2.365
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.85824e-2
x: Amount Ratio
y: Area Ratio



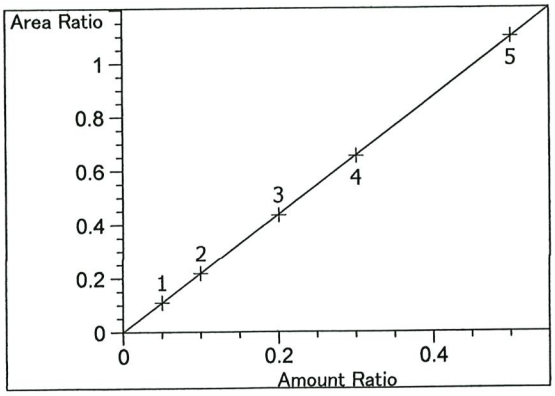
Methanol at exp. RT: 2.685
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.73122e-2
x: Amount Ratio
y: Area Ratio



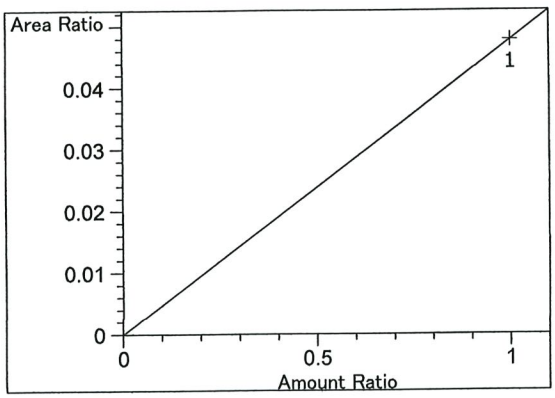
Acetaldehyde at exp. RT: 2.950
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.29576e-1
x: Amount Ratio
y: Area Ratio



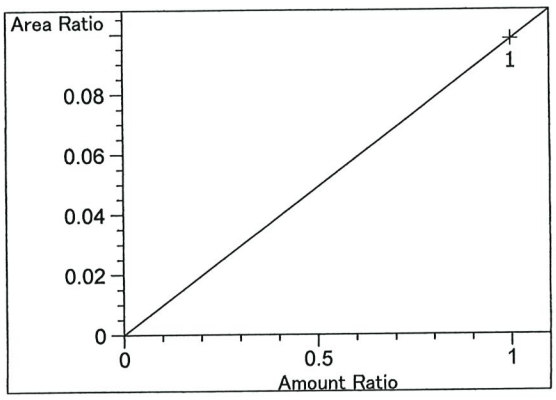
Acetaldehyde at exp. RT: 2.975
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.06223e-1
x: Amount Ratio
y: Area Ratio



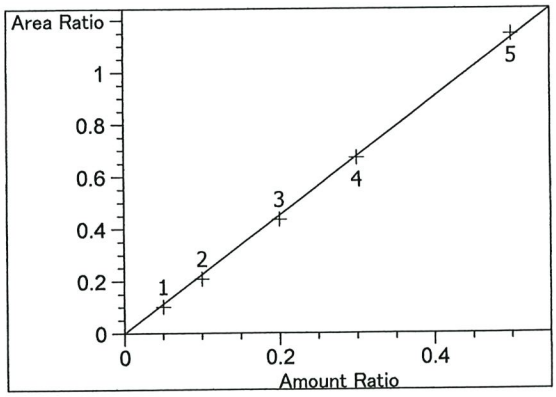
Ethanol at exp. RT: 3.321
FID1 A, Front Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00236
Formula: y = mx
m: 2.19125
x: Amount Ratio
y: Area Ratio



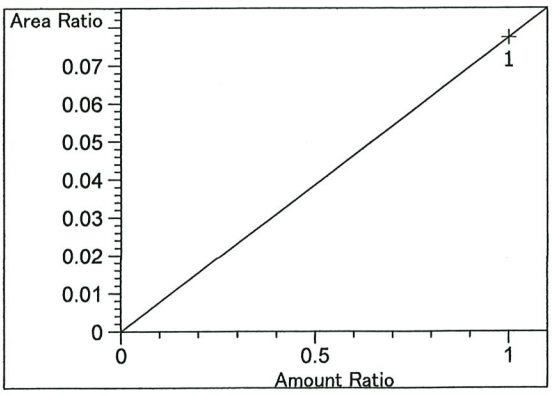
Methanol at exp. RT: 3.372
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.78111e-2
x: Amount Ratio
y: Area Ratio



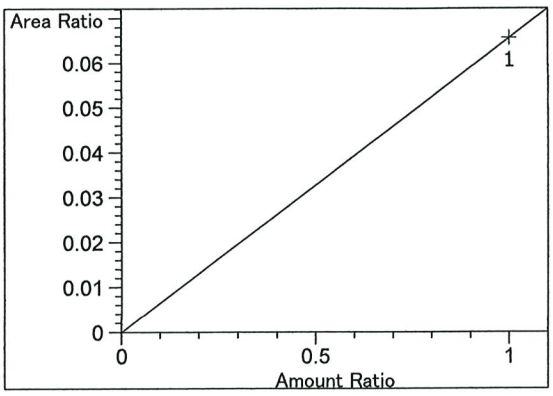
Isopropyl alcohol at exp. RT: 3.993
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 9.82142e-2
x: Amount Ratio
y: Area Ratio



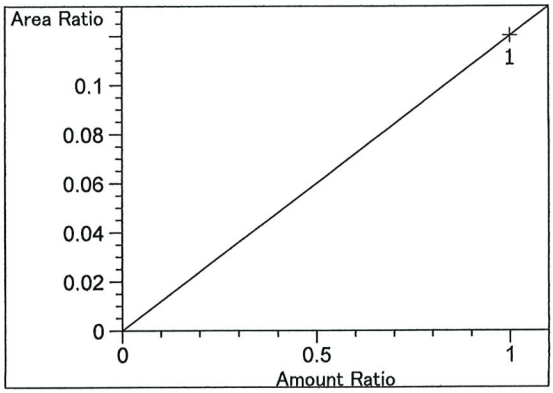
Ethanol at exp. RT: 4.310
FID2 B, Back Signal
Correlation: 0.99977
Residual Std. Dev.: 0.01534
Formula: y = mx
m: 2.26119
x: Amount Ratio
y: Area Ratio



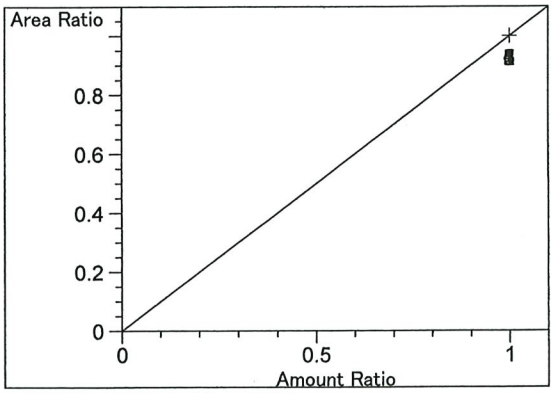
Acetone at exp. RT: 4.704
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.73508e-2
x: Amount Ratio
y: Area Ratio



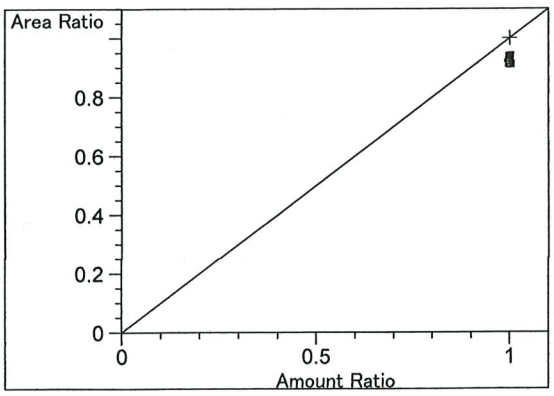
Acetone at exp. RT: 4.853
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 6.56010e-2
x: Amount Ratio
y: Area Ratio



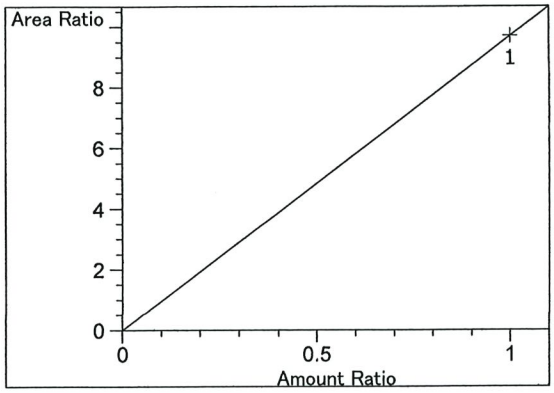
Isopropyl alcohol at exp. RT: 5.050
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.20143e-1
x: Amount Ratio
y: Area Ratio



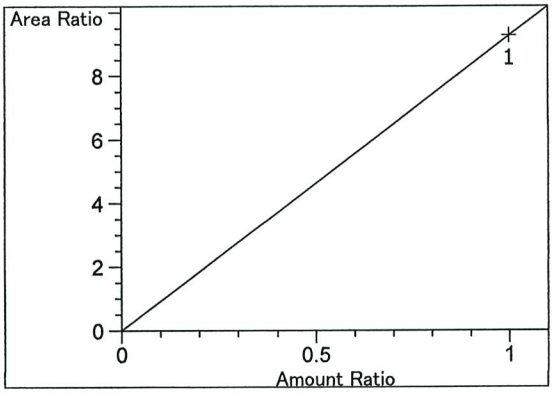
n-Propanol at exp. RT: 5.265
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 7.727
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: 9.70494
x: Amount Ratio
y: Area Ratio

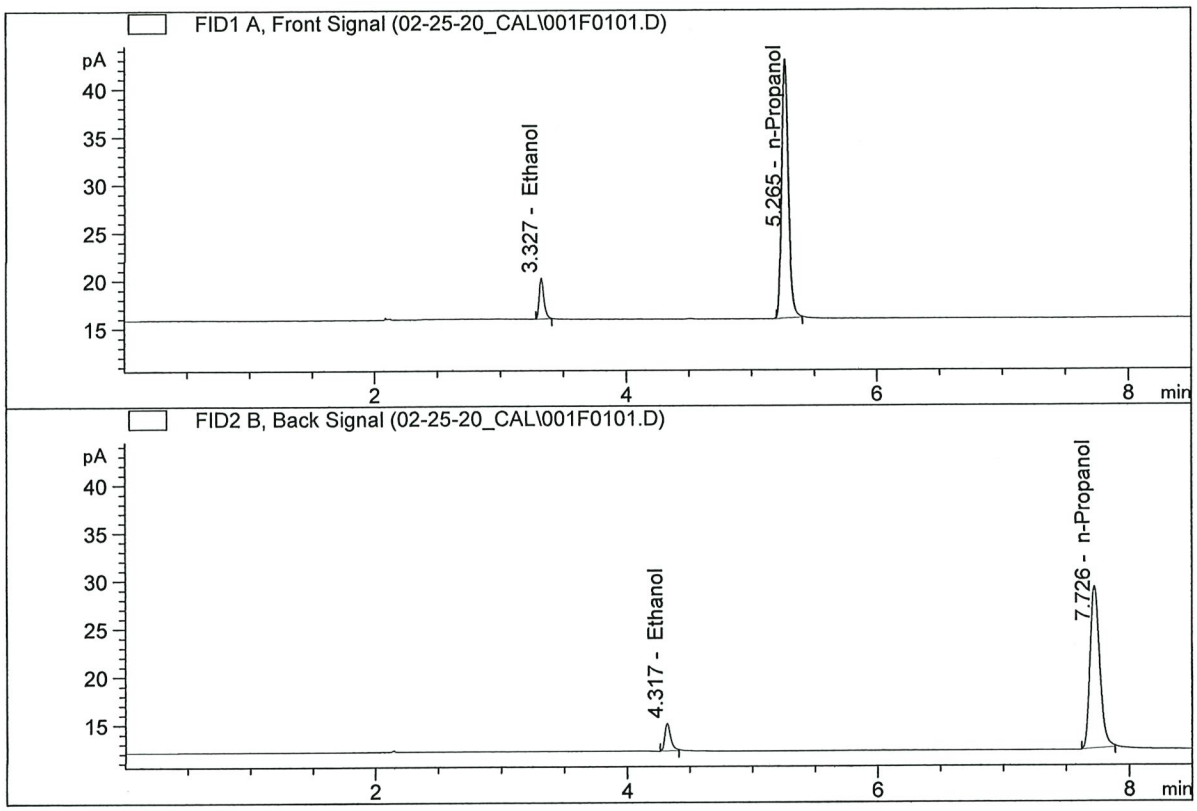


Toluene at exp. RT: 12.229
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 9.27061
x: Amount Ratio
y: Area Ratio

==========

ISP Forensic Services Blood Alcohol Report

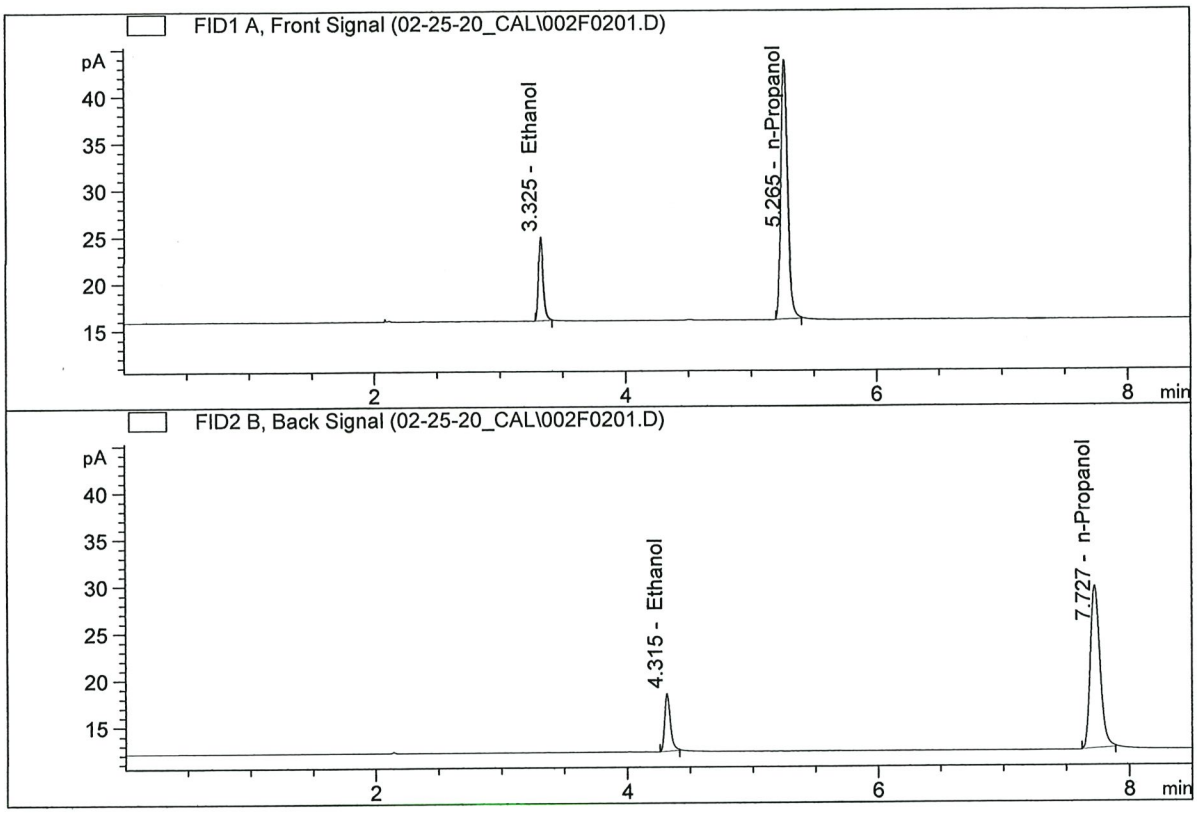
Sample Name : 0.050
Laboratory : Pocatello
Injection Date : Feb 25, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	10.82828	0.0499	g/100cc
2.	Ethanol	Column 2:	9.04117	0.0449	g/100cc
3.	n-Propanol	Column 1:	99.07478	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.11363	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

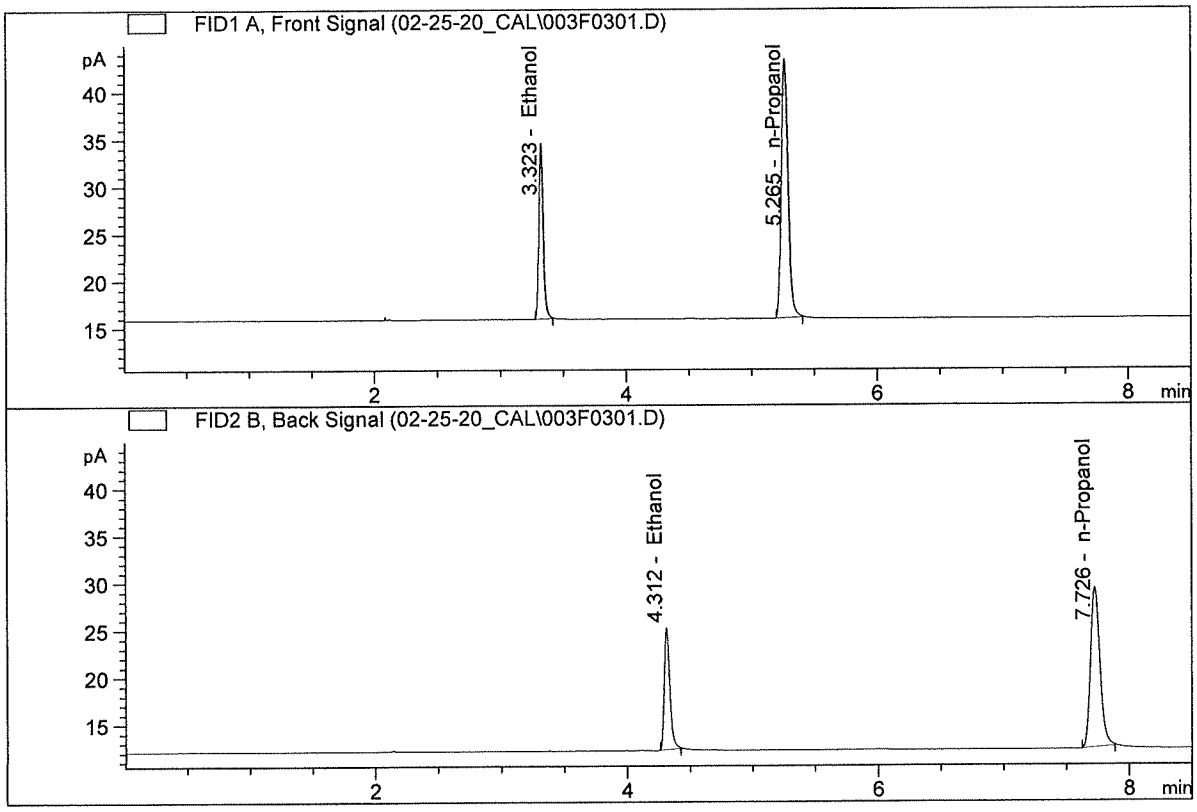
Sample Name : 0.100
Laboratory : Pocatello
Injection Date : Feb 25, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	22.13226	0.0994	g/100cc
2.	Ethanol	Column 2:	19.09233	0.0923	g/100cc
3.	n-Propanol	Column 1:	101.63017	1.0000	g/100cc
4.	n-Propanol	Column 2:	91.45866	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

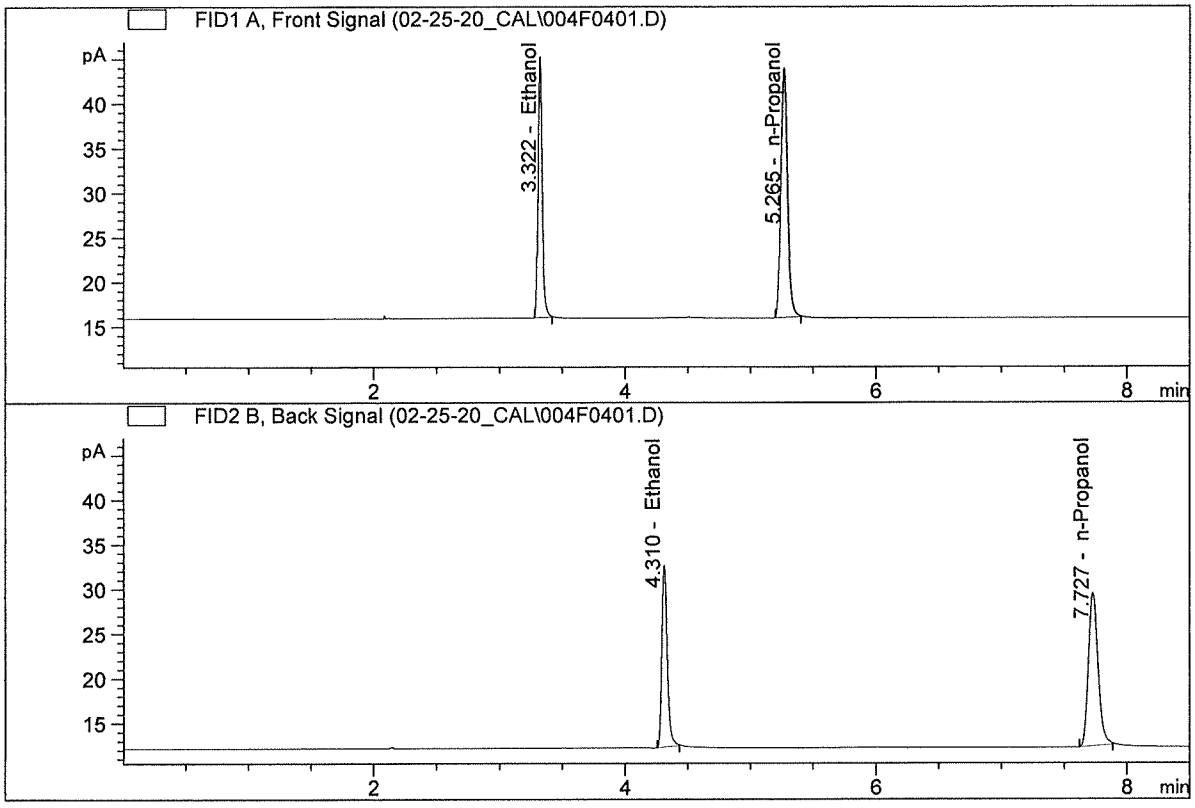
Sample Name : 0.200
Laboratory : Pocatello
Injection Date : Feb 25, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	43.76773	0.1986	g/100cc
2.	Ethanol	Column 2:	38.96941	0.1928	g/100cc
3.	n-Propanol	Column 1:	100.59692	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.37694	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

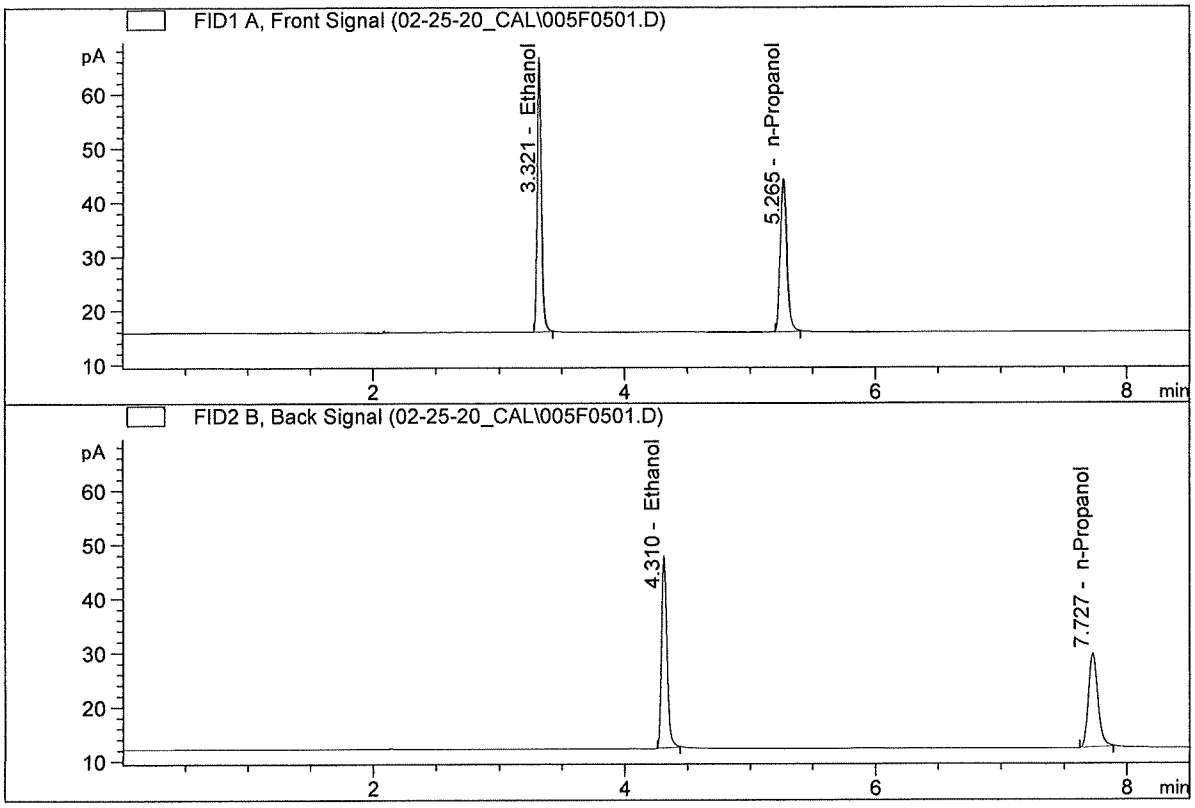
Sample Name : 0.300
Laboratory : Pocatello
Injection Date : Feb 25, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	66.96391	0.2992	g/100cc
2.	Ethanol	Column 2:	61.02884	0.2975	g/100cc
3.	n-Propanol	Column 1:	102.14867	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.71700	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

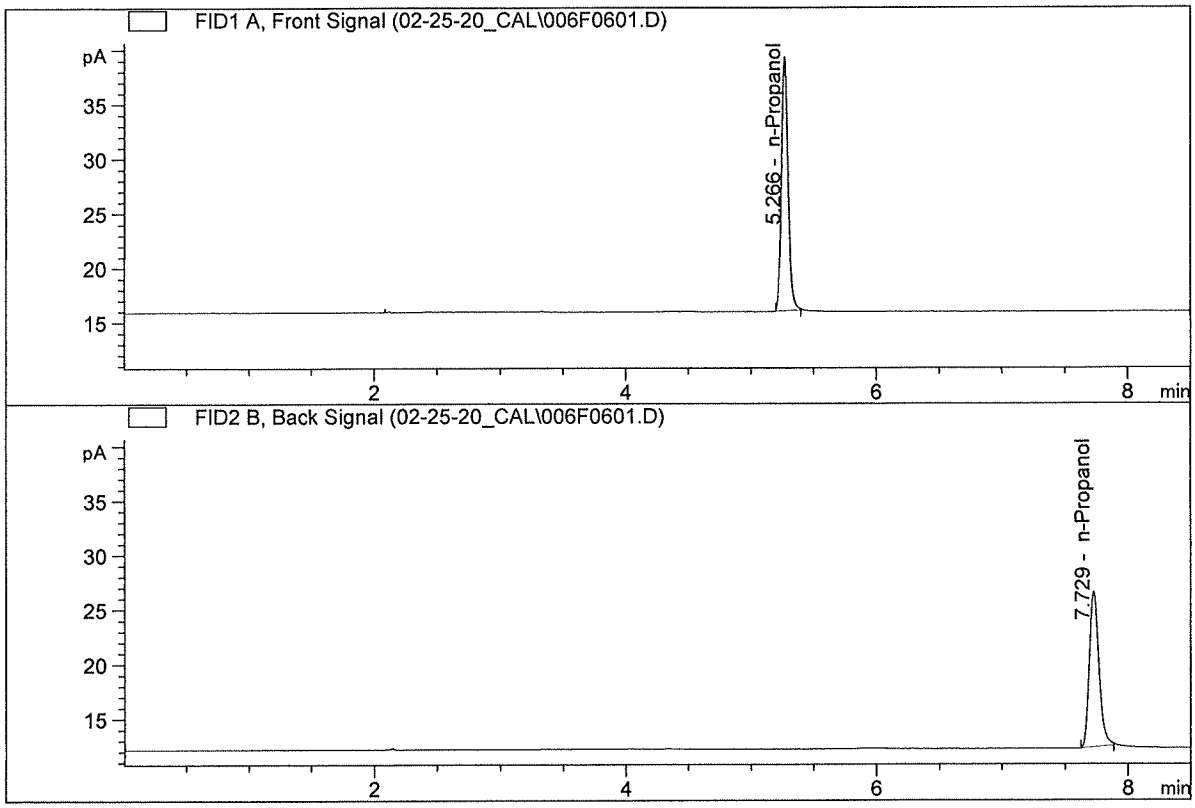
Sample Name : 0.500
Laboratory : Pocatello
Injection Date : Feb 25, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	113.22418	0.5012	g/100cc
2.	Ethanol	Column 2:	104.73389	0.5064	g/100cc
3.	n-Propanol	Column 1:	103.09161	1.0000	g/100cc
4.	n-Propanol	Column 2:	91.46376	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD
Laboratory : Pocatello
Injection Date : Feb 25, 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:	85.13770	1.0000	g/100cc
4.	n-Propanol	Column 2:	75.68714	1.0000	g/100cc

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_25.02.2020_11.55.11\02-25-20CAL.S

Sample Summary

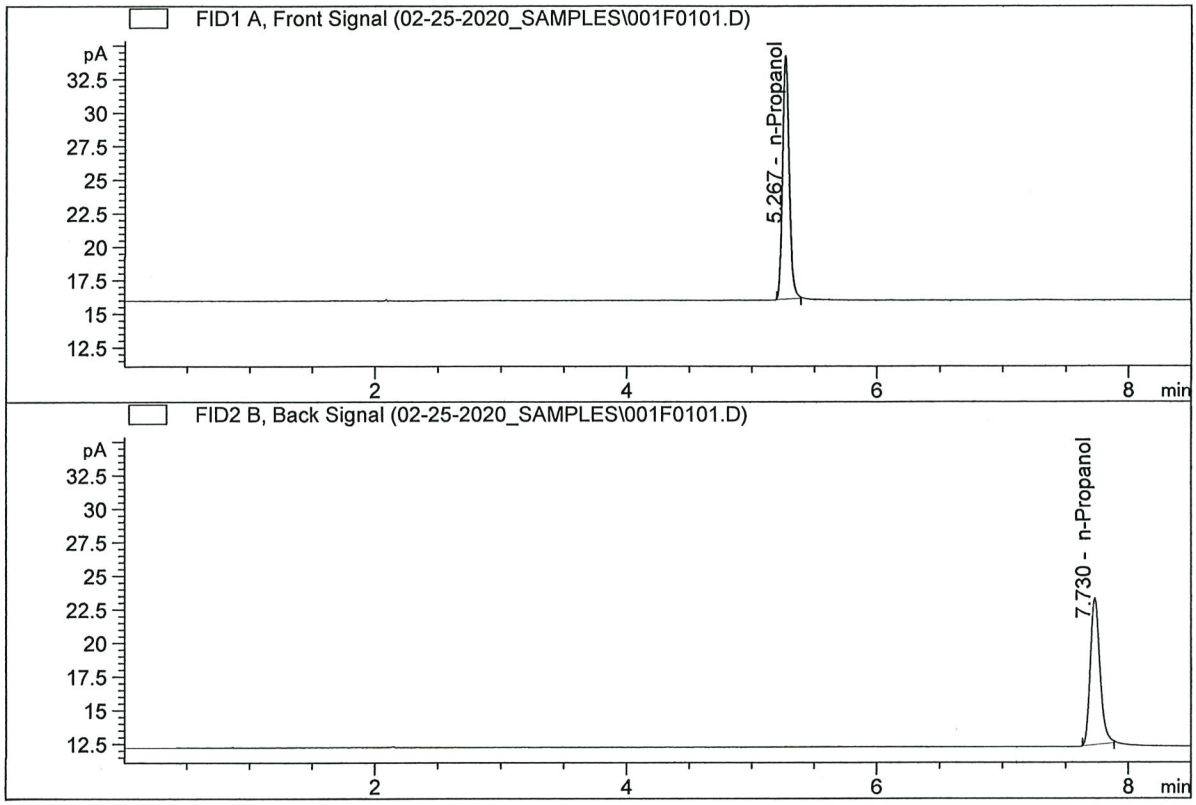
Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_25.02.2020_11.55.11\02-25-20CAL.S
Data directory path: C:\Chem32\1\Data\02-25-20_CAL
Logbook: C:\Chem32\1\Data\02-25-20_CAL\02-25-20CAL.LOG
Sequence start: 2/25/2020 12:08:56 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

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	INTERNAL STANDAR	-	1.0000	006F0601.D		2

ISP Forensic Services Blood Alcohol Report

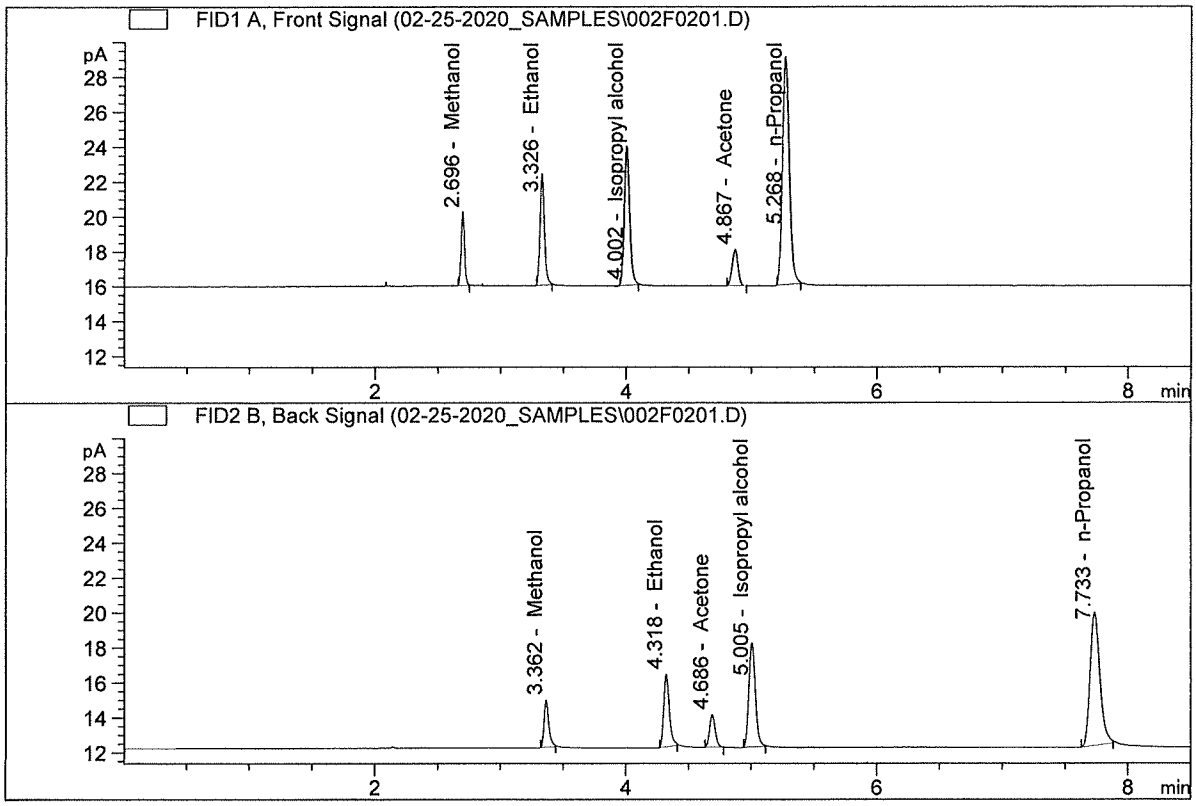
Sample Name : INT STD 1
Laboratory : Pocatello
Injection Date : Feb 25, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	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:	66.59439	1.0000	g/100cc
4.	n-Propanol	Column 2:	58.28648	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

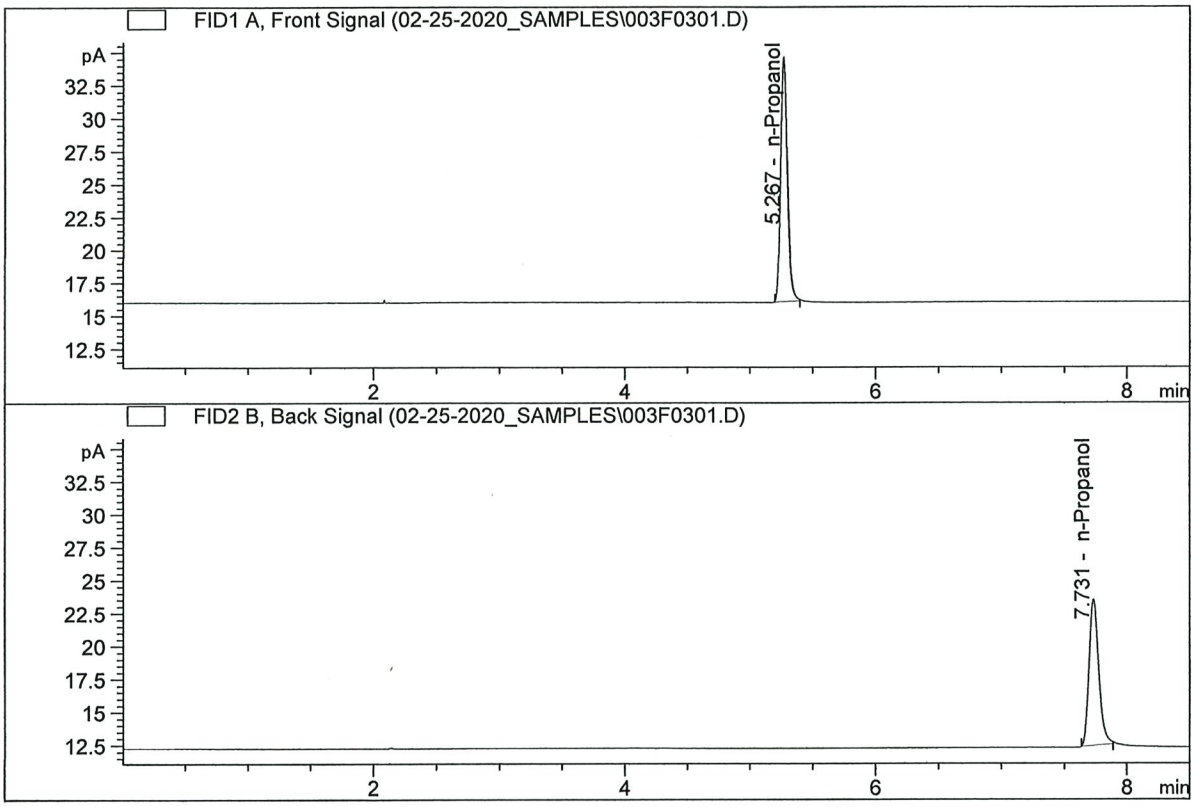
Sample Name : MULTI-COMP MIX
Laboratory : Pocatello
Injection Date : Feb 25, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	15.59588	0.1472	g/100cc
2.	Ethanol	Column 2:	12.86472	0.1380	g/100cc
3.	n-Propanol	Column 1:	48.36560	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.24124	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INT STD 2
Laboratory : Pocatello
Injection Date : Feb 25, 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:	68.01947	1.0000	g/100cc
4.	n-Propanol	Column 2:	59.31958	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 25 Feb 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0828	0.0754	0.0074	0.0791	0.0025	0.0778
(g/100cc)	0.0799	0.0734	0.0065	0.0766		

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

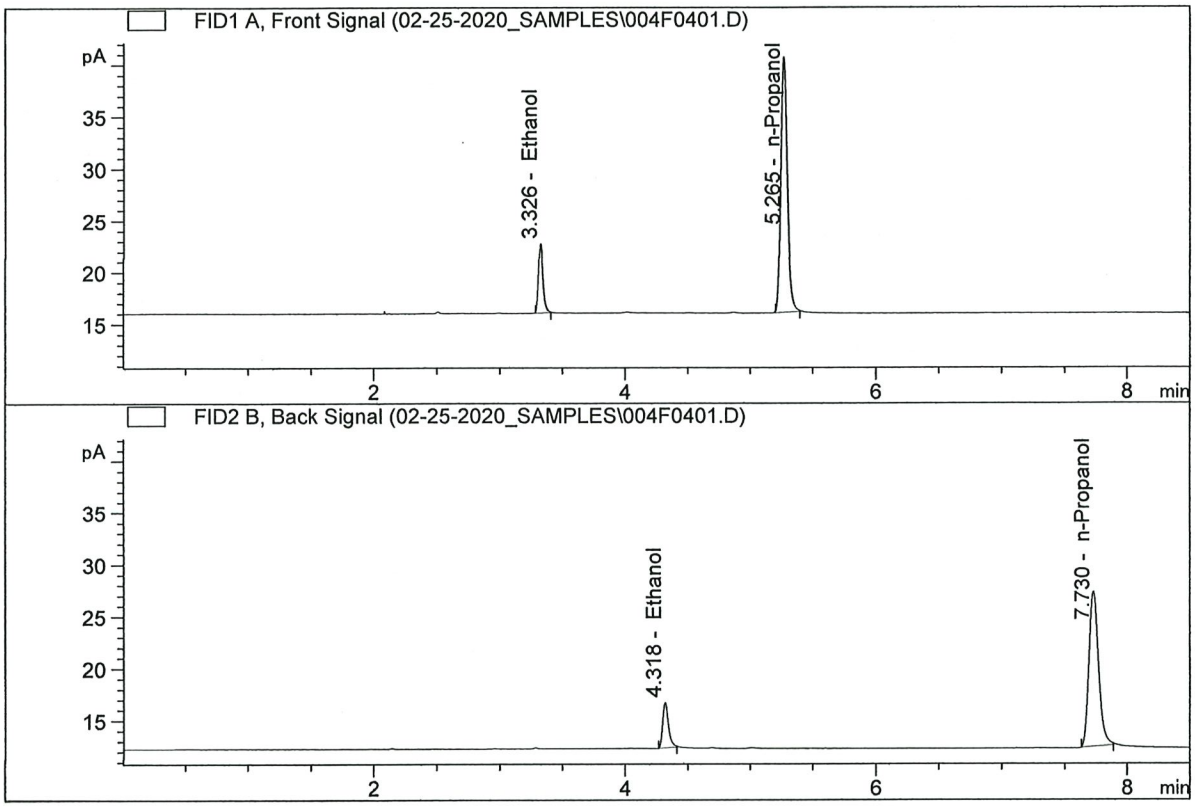
Reported Result

0.077

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

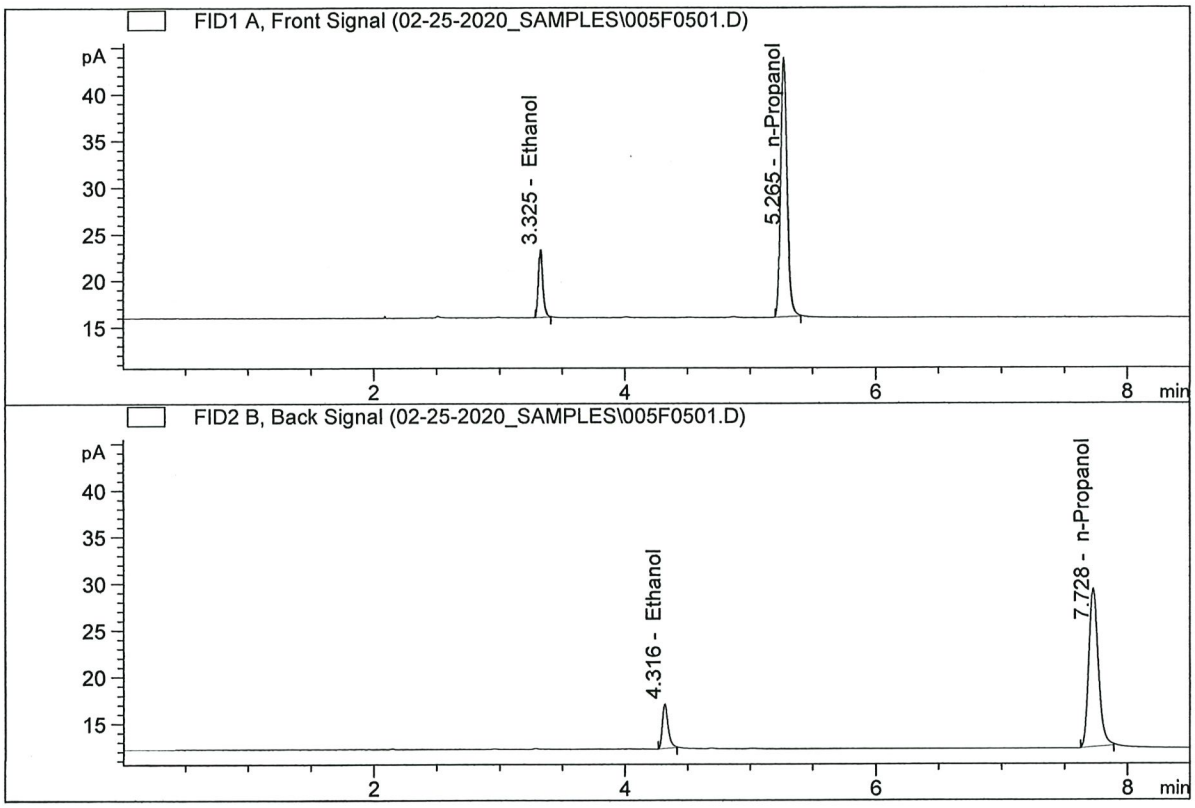
Sample Name : QC1-1-A
Laboratory : Pocatello
Injection Date : Feb 25, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.21339	0.0828	g/100cc
2.	Ethanol	Column 2:	13.53907	0.0754	g/100cc
3.	n-Propanol	Column 1:	89.37852	1.0000	g/100cc
4.	n-Propanol	Column 2:	79.38985	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Pocatello
Injection Date : Feb 25, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.66327	0.0799	g/100cc
2.	Ethanol	Column 2:	14.89231	0.0734	g/100cc
3.	n-Propanol	Column 1:	100.86150	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.68988	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 08 QA **Analysis Date(s): 25 Feb 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0806	0.0739	0.0067	0.0772	0.0000	0.0772
(g/100cc)	0.0807	0.0738	0.0069	0.0772		

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

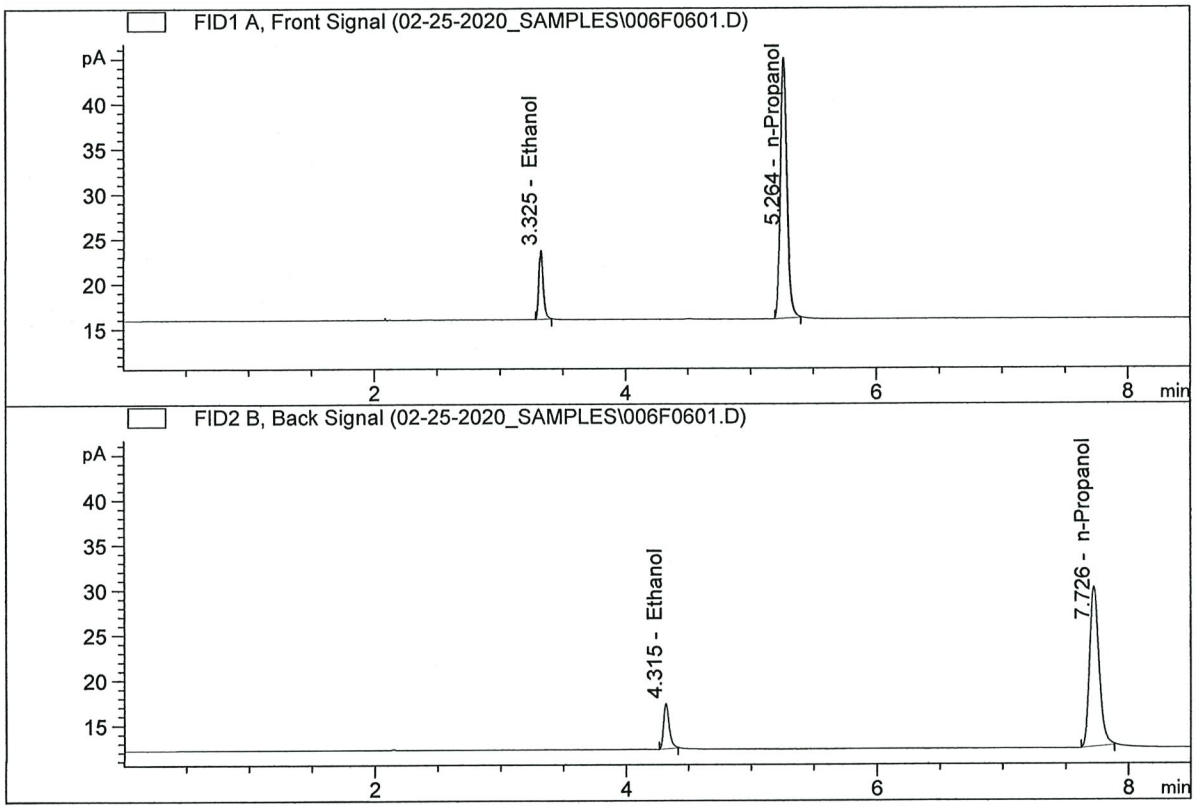
Reported Result

0.077

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

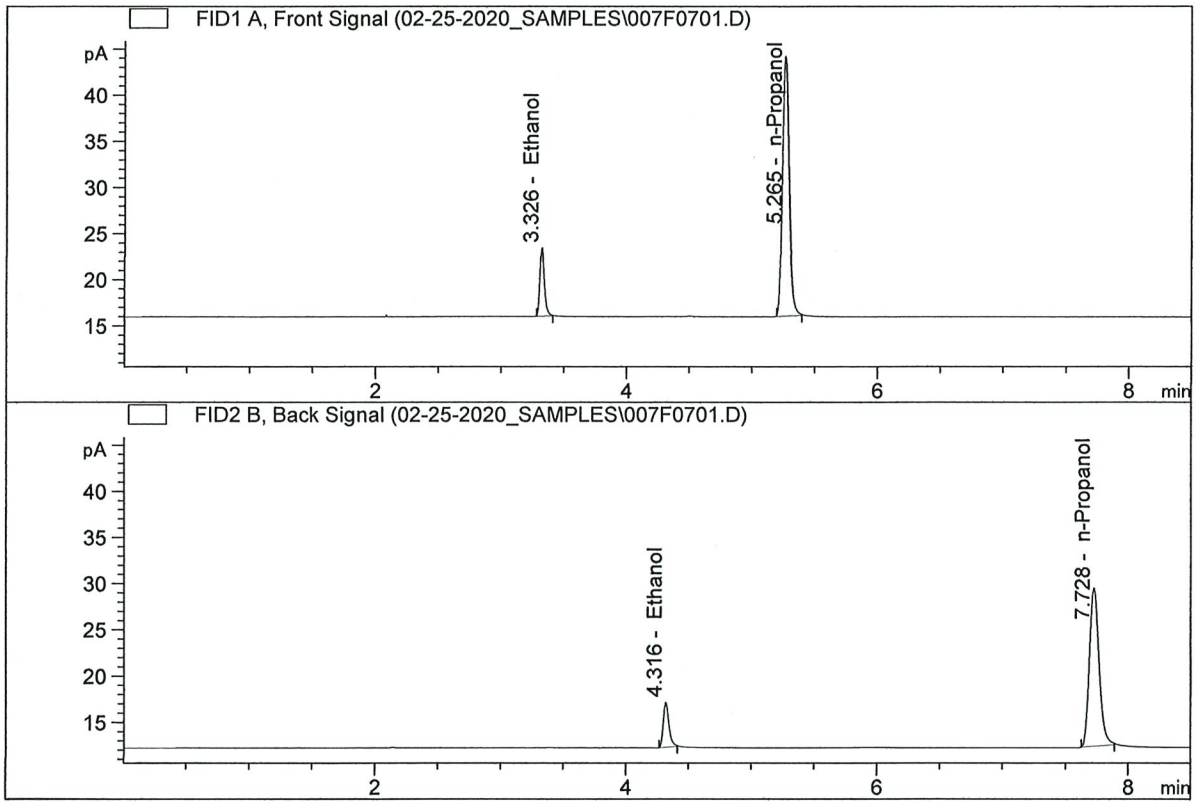
Sample Name : 08 QA-A
Laboratory : Pocatello
Injection Date : Feb 25, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.50550	0.0806	g/100cc
2.	Ethanol	Column 2:	15.68033	0.0739	g/100cc
3.	n-Propanol	Column 1:	104.80457	1.0000	g/100cc
4.	n-Propanol	Column 2:	93.78459	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 08 QA-B
Laboratory : Pocatello
Injection Date : Feb 25, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.03764	0.0807	g/100cc
2.	Ethanol	Column 2:	15.16811	0.0738	g/100cc
3.	n-Propanol	Column 1:	101.96453	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.83481	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 25 Feb 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2032	0.1963	0.0069	0.1997	0.0029	0.2011
(g/100cc)	0.2059	0.1993	0.0066	0.2026		

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
0.201	**0.190**	**0.212**	**0.011**

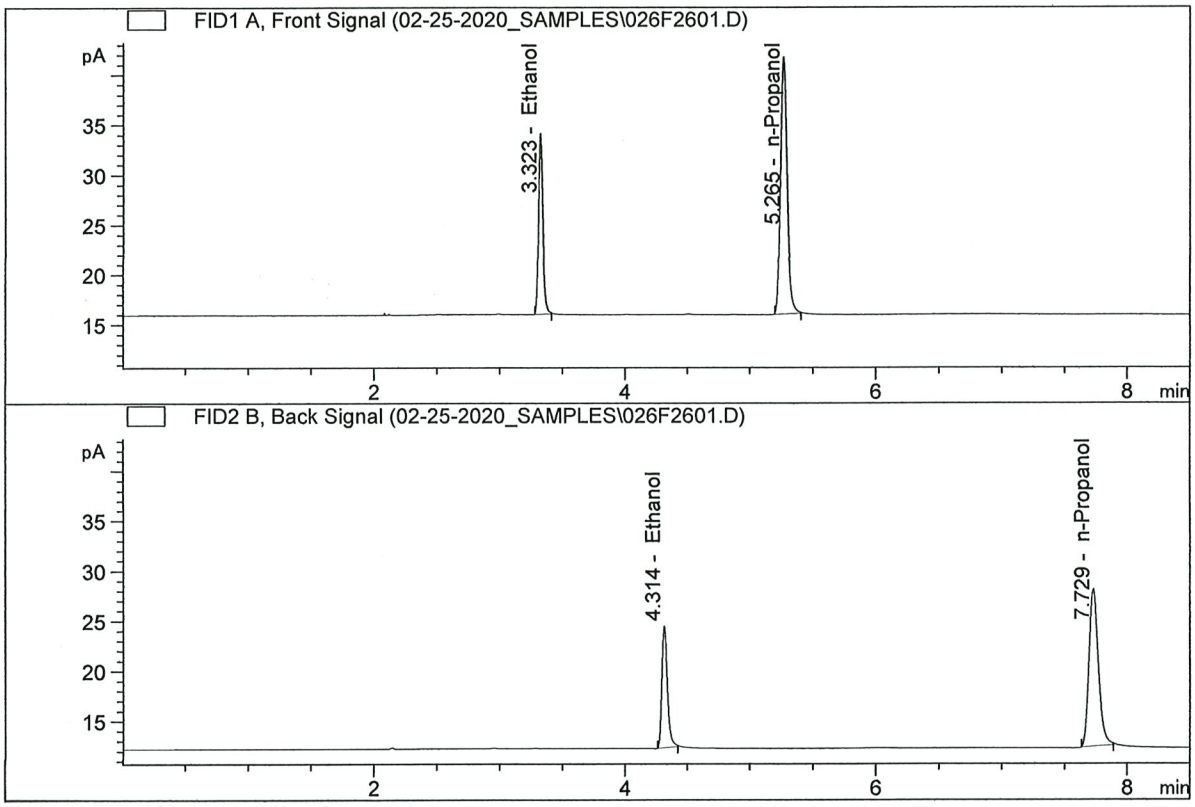
Reported Result

0.201

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

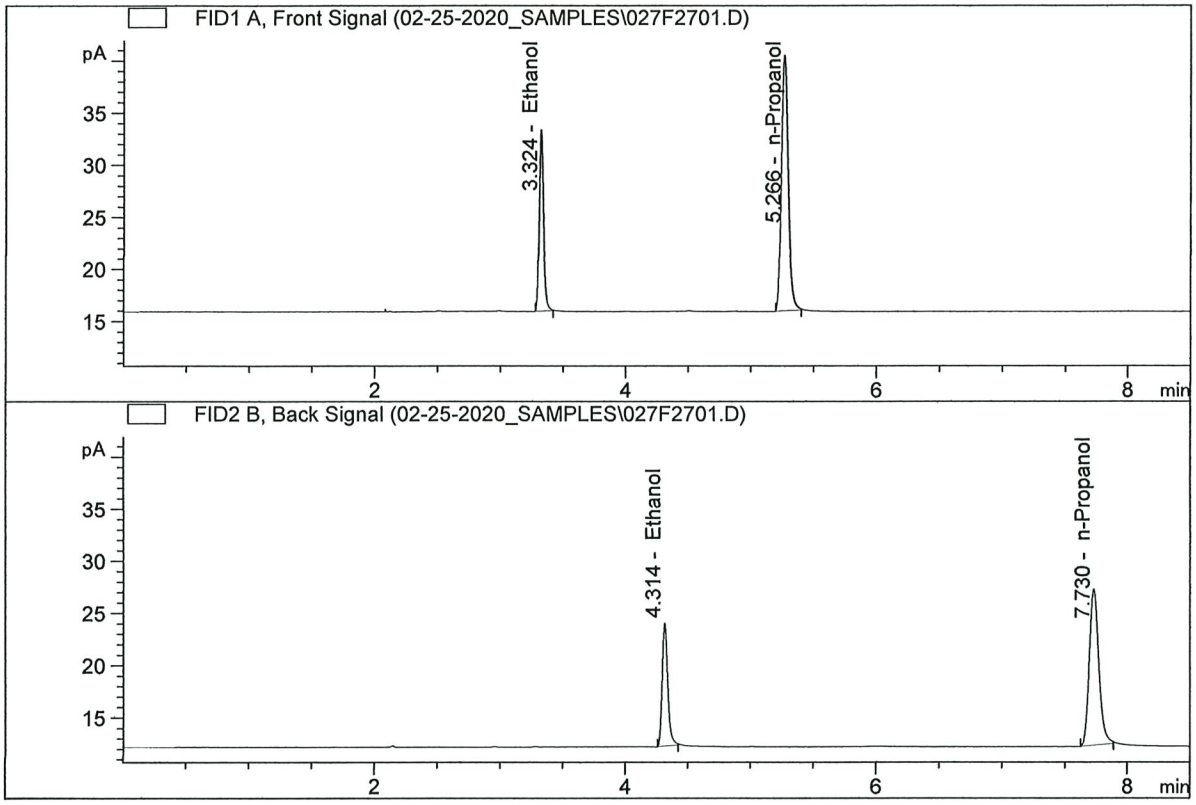
Sample Name : QC2-1-A
Laboratory : Pocatello
Injection Date : Feb 25, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	41.62893	0.2032	g/100cc
2.	Ethanol	Column 2:	37.00017	0.1963	g/100cc
3.	n-Propanol	Column 1:	93.50105	1.0000	g/100cc
4.	n-Propanol	Column 2:	83.34470	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Pocatello
Injection Date : Feb 25, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	40.19629	0.2059	g/100cc
2.	Ethanol	Column 2:	35.87891	0.1993	g/100cc
3.	n-Propanol	Column 1:	89.09860	1.0000	g/100cc
4.	n-Propanol	Column 2:	79.62285	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 26 Feb 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0817	0.0749	0.0068	0.0783	0.0015	0.0790
(g/100cc)	0.0827	0.0770	0.0057	0.0798		

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%**

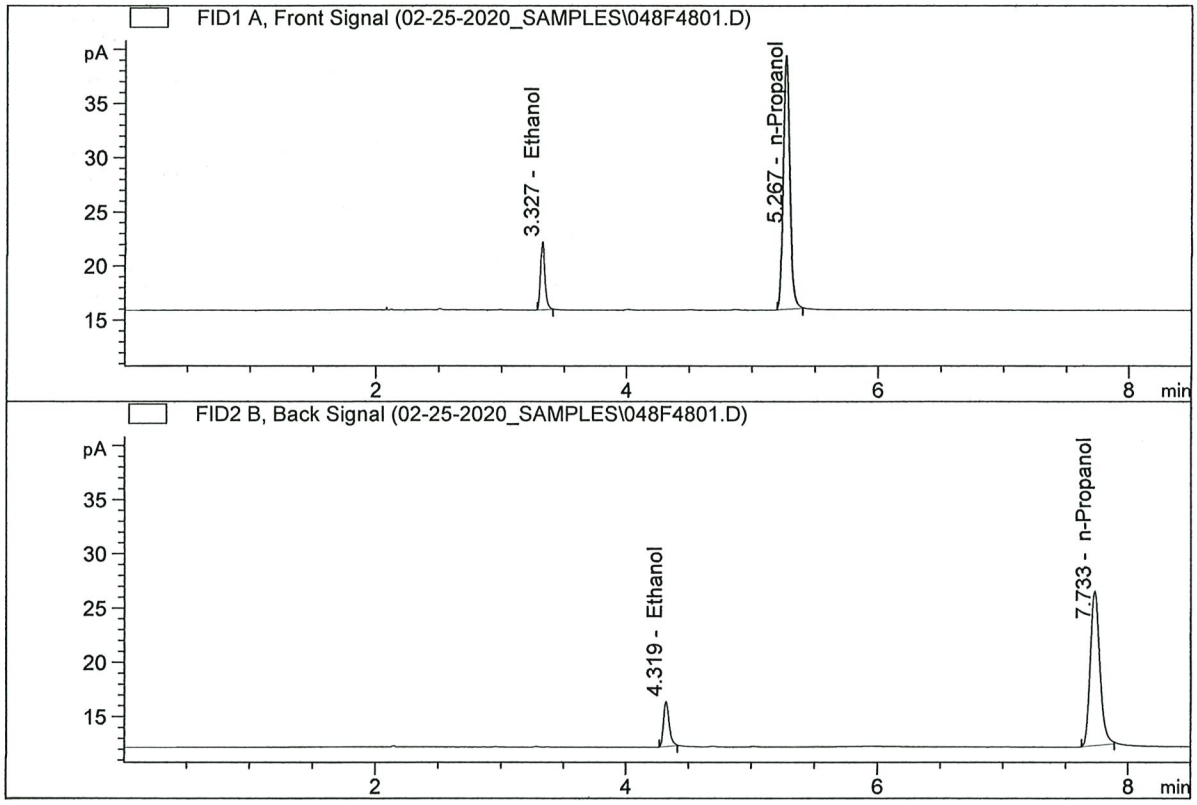
Overall Mean (g/100cc)	Low	High	5% of Mean
0.079	**0.075**	**0.083**	**0.004**

Reported Result
0.079

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

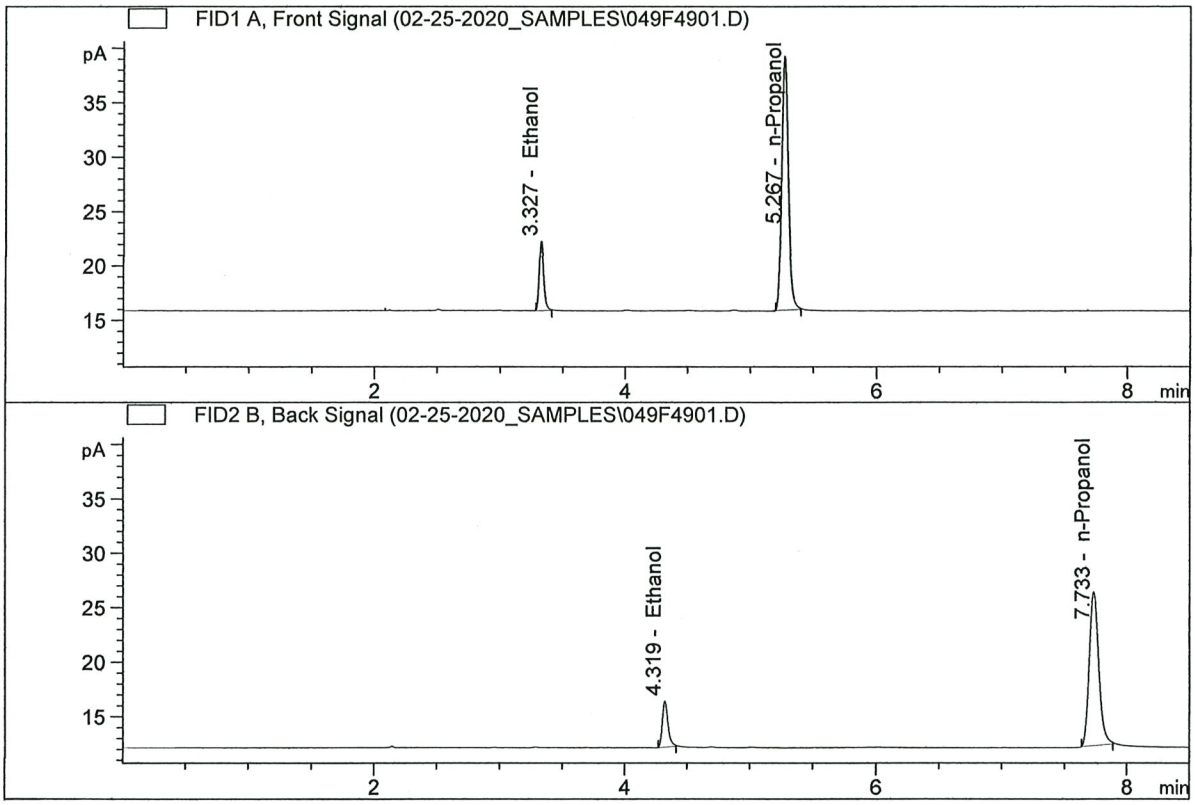
Sample Name : QC1-2-A
Laboratory : Pocatello
Injection Date : Feb 26, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	15.20741	0.0817	g/100cc
2.	Ethanol	Column 2:	12.89419	0.0749	g/100cc
3.	n-Propanol	Column 1:	84.99586	1.0000	g/100cc
4.	n-Propanol	Column 2:	76.08315	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Pocatello
Injection Date : Feb 26, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	15.31901	0.0827	g/100cc
2.	Ethanol	Column 2:	13.10609	0.0770	g/100cc
3.	n-Propanol	Column 1:	84.58198	1.0000	g/100cc
4.	n-Propanol	Column 2:	75.29420	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 26 Feb 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2099	0.2028	0.0071	0.2063	0.0008	0.2067
(g/100cc)	0.2100	0.2042	0.0058	0.2071		

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
0.206	**0.195**	**0.217**	**0.011**

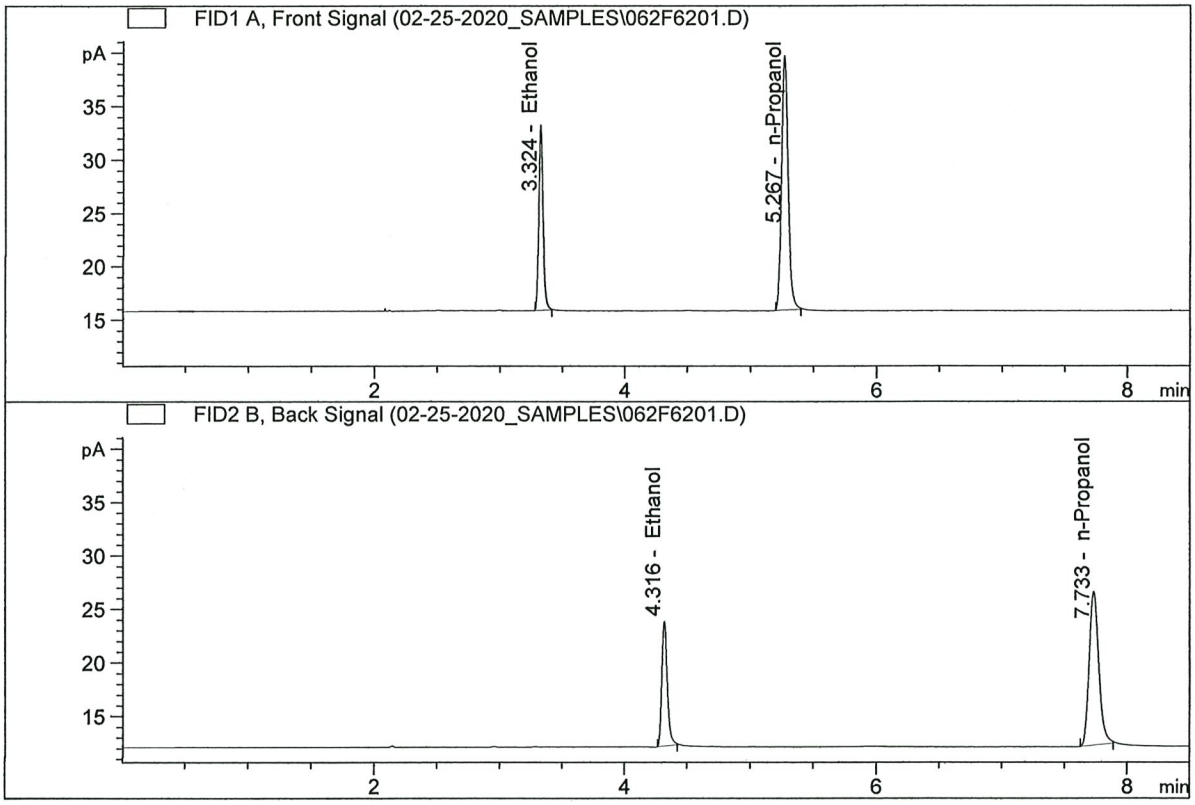
Reported Result

0.206

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

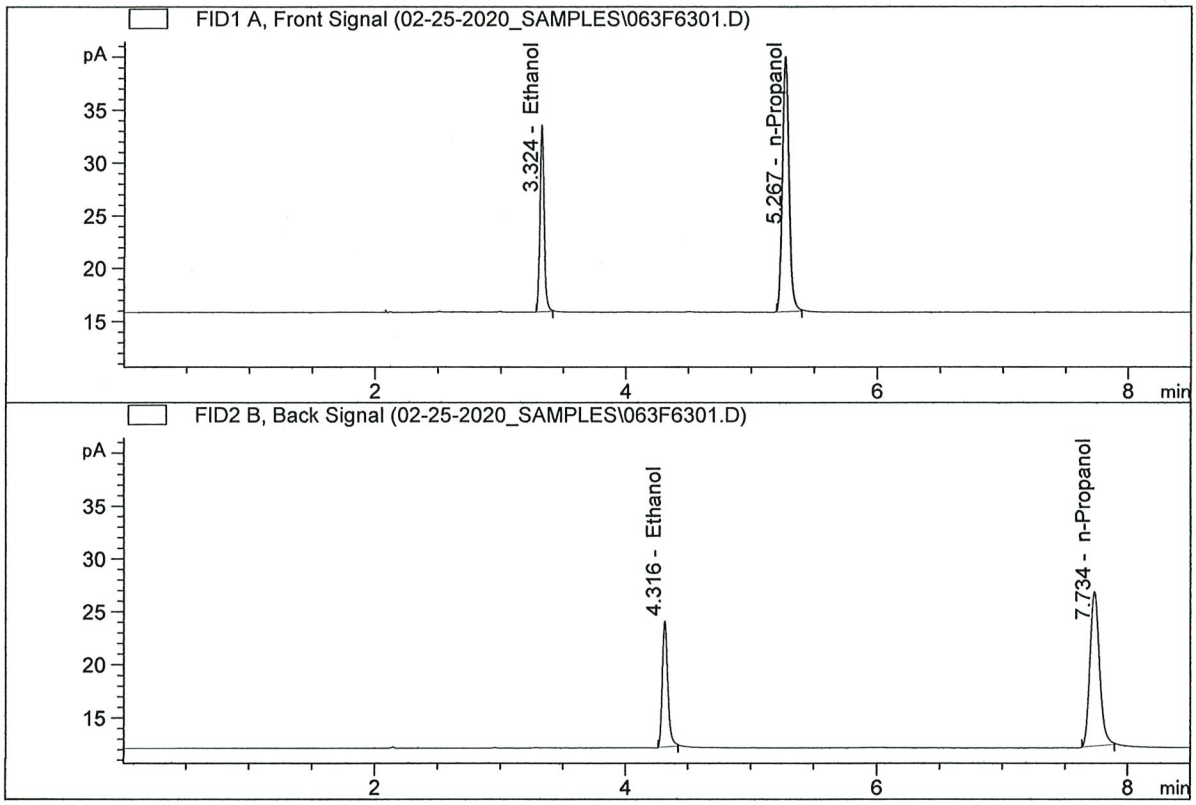
Sample Name : QC2-2-A
Laboratory : Pocatello
Injection Date : Feb 26, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	39.65850	0.2099	g/100cc
2.	Ethanol	Column 2:	35.25163	0.2028	g/100cc
3.	n-Propanol	Column 1:	86.20860	1.0000	g/100cc
4.	n-Propanol	Column 2:	76.86375	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
Laboratory : Pocatello
Injection Date : Feb 26, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	40.19688	0.2100	g/100cc
2.	Ethanol	Column 2:	35.89625	0.2042	g/100cc
3.	n-Propanol	Column 1:	87.36914	1.0000	g/100cc
4.	n-Propanol	Column 2:	77.72460	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-3 **Analysis Date(s): 26 Feb 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0824	0.0766	0.0058	0.0795	0.0009	0.0799
(g/100cc)	0.0835	0.0774	0.0061	0.0804		

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**

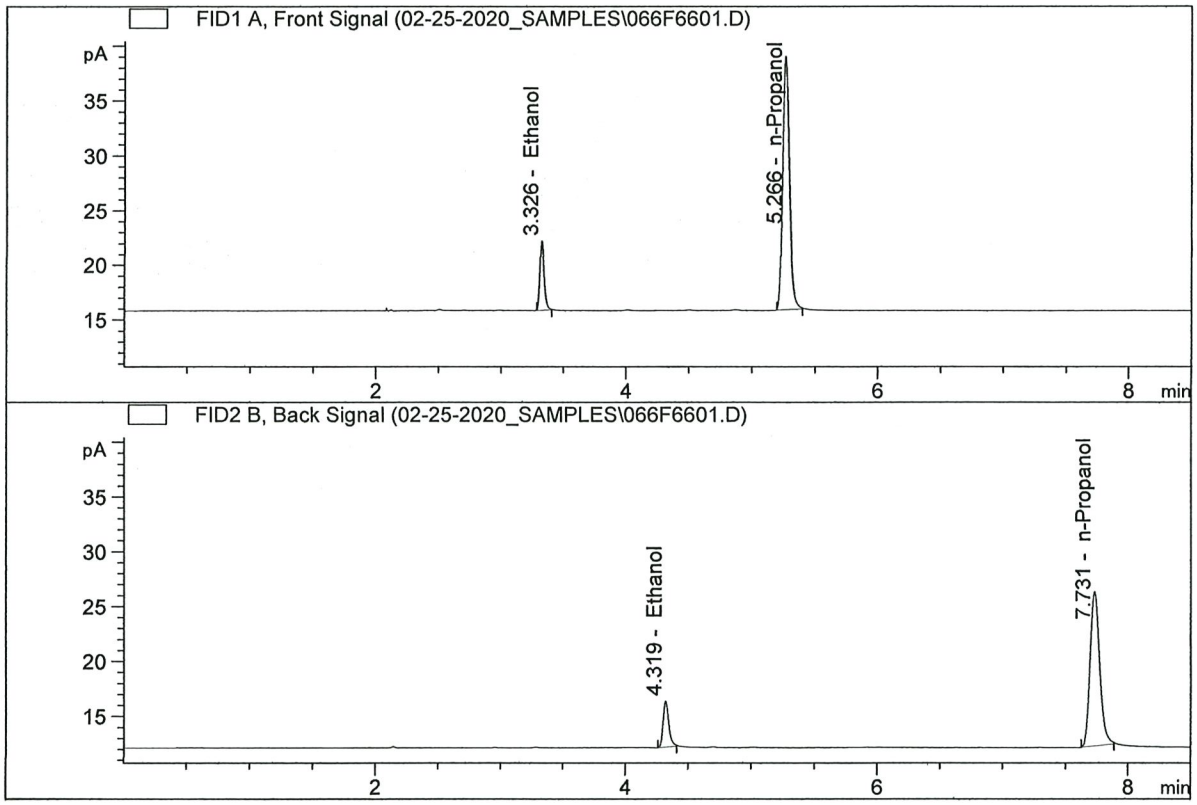
Reported Result

0.079

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

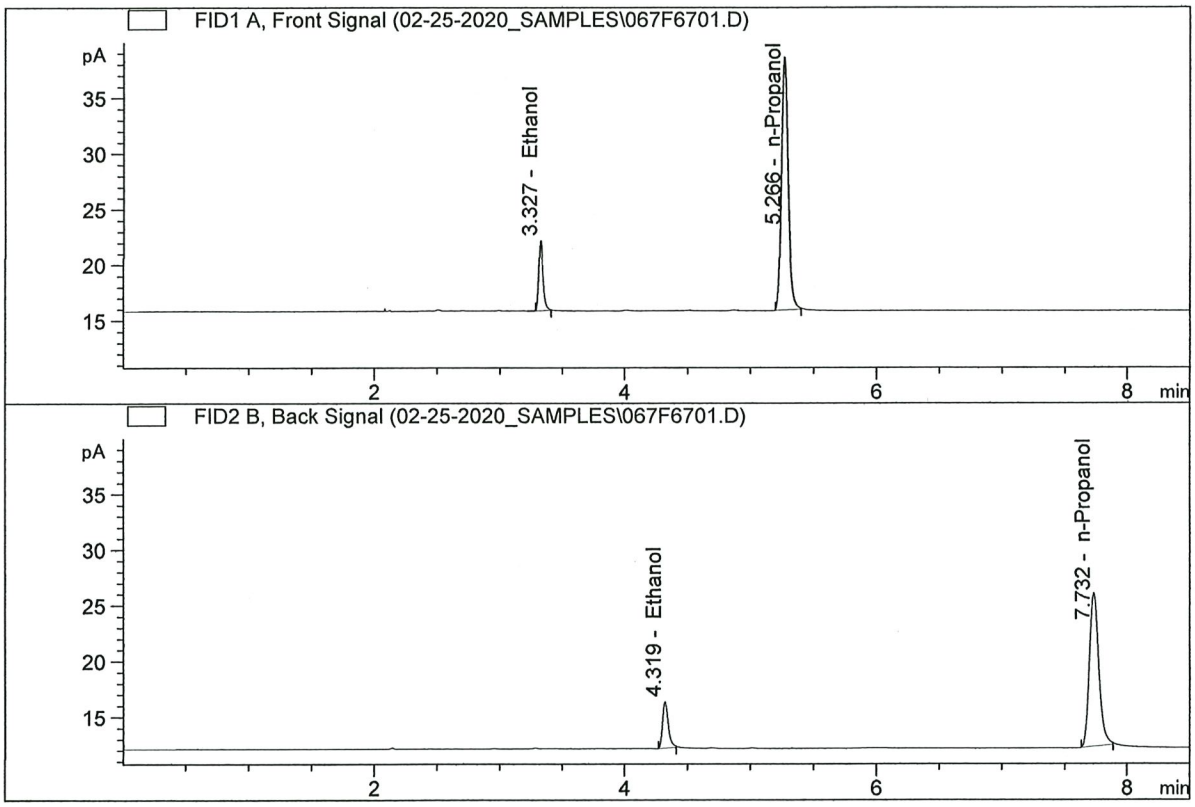
Sample Name : QC1-3-A
Laboratory : Pocatello
Injection Date : Feb 26, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	15.16977	0.0824	g/100cc
2.	Ethanol	Column 2:	13.03946	0.0766	g/100cc
3.	n-Propanol	Column 1:	83.97388	1.0000	g/100cc
4.	n-Propanol	Column 2:	75.30120	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

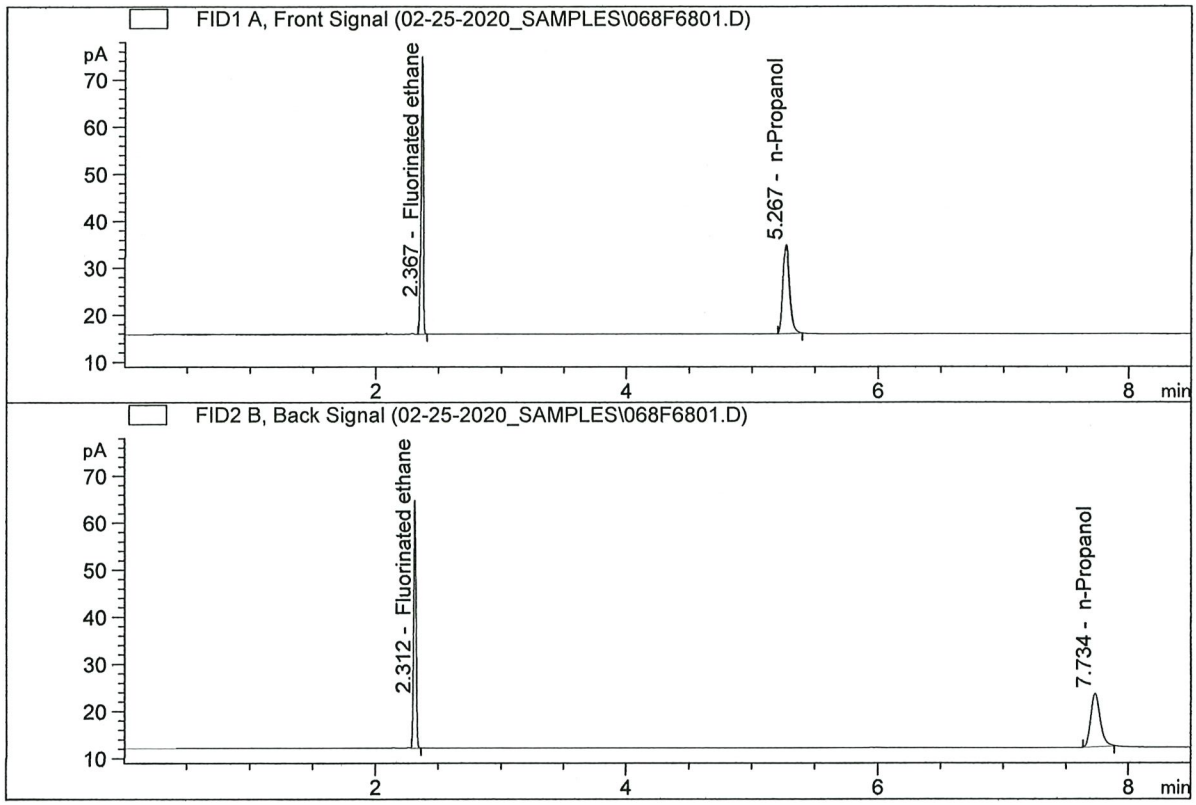
Sample Name : QC1-3-B
Laboratory : Pocatello
Injection Date : Feb 26, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	15.06939	0.0835	g/100cc
2.	Ethanol	Column 2:	12.86670	0.0774	g/100cc
3.	n-Propanol	Column 1:	82.33553	1.0000	g/100cc
4.	n-Propanol	Column 2:	73.49136	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : DFE
Laboratory : Pocatello
Injection Date : Feb 26, 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:	68.70536	1.0000	g/100cc
4.	n-Propanol	Column 2:	60.74813	1.0000	g/100cc

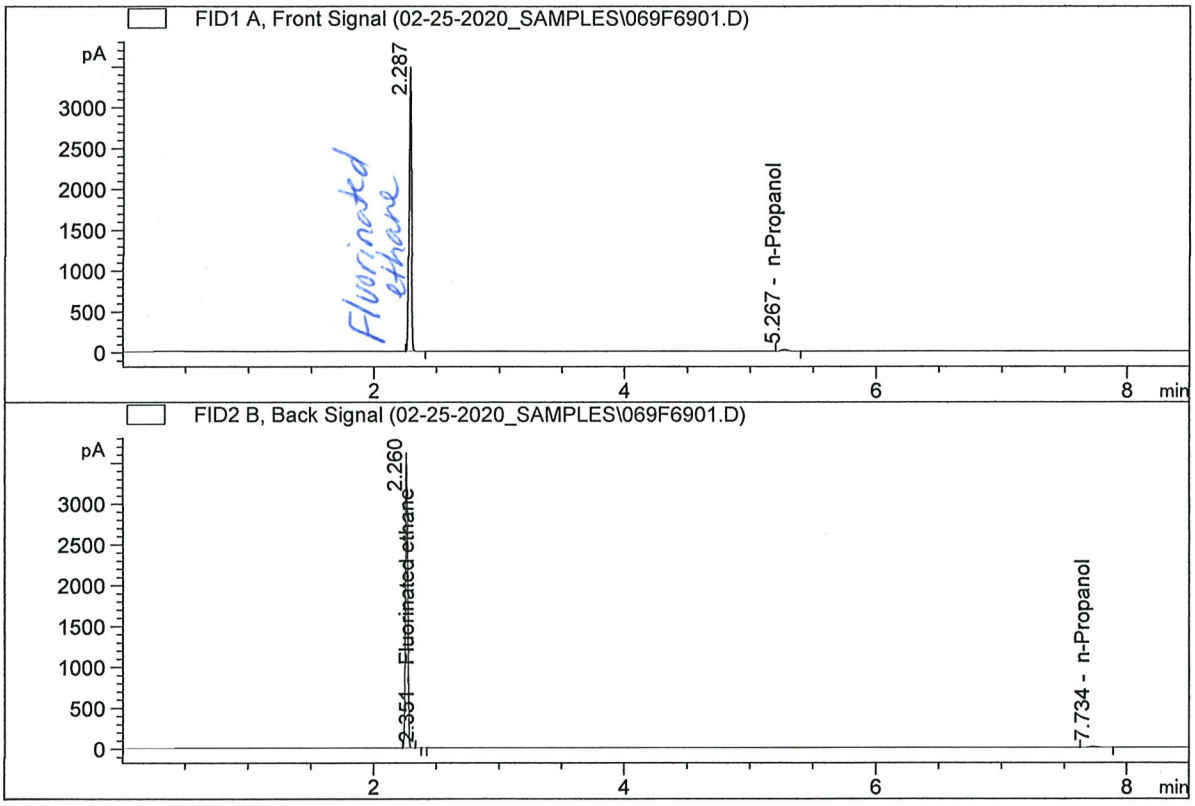
ISP Forensic Services Blood Alcohol Report

No inhalents detected in this batch of casework.

RC

Too strong so retention time for column 1 2/26/20 out of window.

Sample Name	:	TFE
Laboratory	:	Pocatello
Injection Date	:	Feb 26, 2020
Method	:	ALCOHOL.M
Acq. Instrument	:	CN10742043-IT00741010

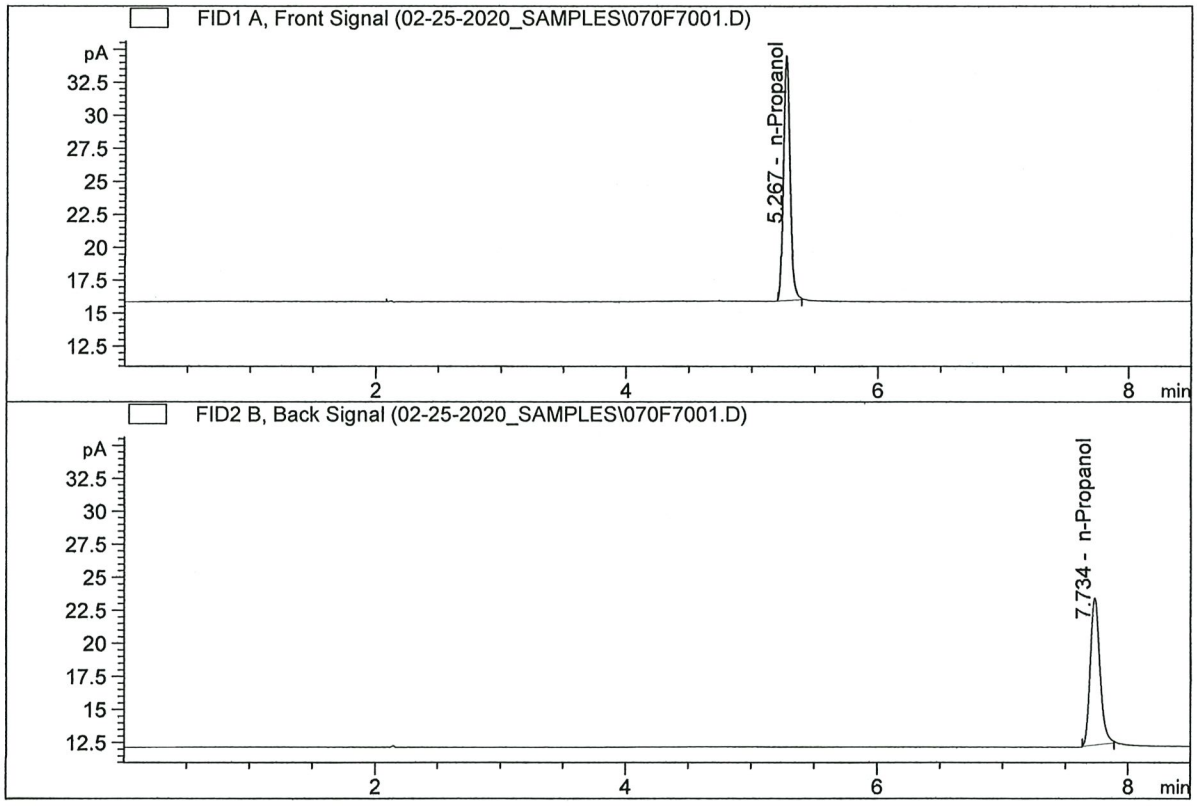


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	79.26183	1.0000	g/100cc
4.	n-Propanol	Column 2:	71.04128	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : INT STD 3
Laboratory : Pocatello
Injection Date : Feb 26, 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:	67.65382	1.0000	g/100cc
4.	n-Propanol	Column 2:	59.85357	1.0000	g/100cc

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_25.02.2020_03.22.47\02-25-2020_SAMPLES.S

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_25.02.2020_03.22.47\02-25-2020_SAMPLES.S
Data directory path: C:\Chem32\1\Data\02-25-2020_SAMPLES
Logbook: C:\Chem32\1\Data\02-25-2020_SAMPLES\02-25-2020_SAMPLES.LOG
Sequence start: 2/25/2020 3:36:38 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	P2020-0473-1-A	-	1.0000	008F0801.D	2
9	9	1	P2020-0473-1-B	-	1.0000	009F0901.D	2
10	10	1	P2020-0474-1-A	-	1.0000	010F1001.D	4
11	11	1	P2020-0474-1-B	-	1.0000	011F1101.D	5
12	12	1	P2020-0493-1-A	-	1.0000	012F1201.D	4
13	13	1	P2020-0493-1-B	-	1.0000	013F1301.D	4
14	14	1	P2020-0494-1-A	-	1.0000	014F1401.D	6
15	15	1	P2020-0494-1-B	-	1.0000	015F1501.D	6
16	16	1	P2020-0500-1-A	-	1.0000	016F1601.D	4
17	17	1	P2020-0500-1-B	-	1.0000	017F1701.D	4
18	18	1	P2020-0506-1-A	-	1.0000	018F1801.D	4
19	19	1	P2020-0506-1-B	-	1.0000	019F1901.D	4
20	20	1	P2020-0513-1-A	-	1.0000	020F2001.D	4
21	21	1	P2020-0513-1-B	-	1.0000	021F2101.D	4
22	22	1	P2020-0514-1-A	-	1.0000	022F2201.D	4
23	23	1	P2020-0514-1-B	-	1.0000	023F2301.D	4
24	24	1	P2020-0527-1-A	-	1.0000	024F2401.D	6
25	25	1	P2020-0527-1-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	P2020-0535-1-A	-	1.0000	028F2801.D	4
29	29	1	P2020-0535-1-B	-	1.0000	029F2901.D	4
30	30	1	P2020-0538-1-A	-	1.0000	030F3001.D	6
31	31	1	P2020-0538-1-B	-	1.0000	031F3101.D	4
32	32	1	P2020-0540-1-A	-	1.0000	032F3201.D	4
33	33	1	P2020-0540-1-B	-	1.0000	033F3301.D	5
34	34	1	P2020-0567-1-A	-	1.0000	034F3401.D	4
35	35	1	P2020-0567-1-B	-	1.0000	035F3501.D	4
36	36	1	P2020-0602-1-A	-	1.0000	036F3601.D	2
37	37	1	P2020-0602-1-B	-	1.0000	037F3701.D	2
38	38	1	P2020-0612-1-A	-	1.0000	038F3801.D	2
39	39	1	P2020-0612-1-B	-	1.0000	039F3901.D	2
40	40	1	P2020-0636-1-A	-	1.0000	040F4001.D	6
41	41	1	P2020-0636-1-B	-	1.0000	041F4101.D	6
42	42	1	P2020-0637-1-A	-	1.0000	042F4201.D	6
43	43	1	P2020-0637-1-B	-	1.0000	043F4301.D	6
44	44	1	P2020-0638-1-A	-	1.0000	044F4401.D	4
45	45	1	P2020-0638-1-B	-	1.0000	045F4501.D	4
46	46	1	P2020-0642-1-A	-	1.0000	046F4601.D	2

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_25.02.2020_03.22.47\02-25-2020_SAMPLES.S

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
47	47	1	P2020-0642-1-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	P2020-0643-1-A	-	1.0000	050F5001.D		6
51	51	1	P2020-0643-1-B	-	1.0000	051F5101.D		6
52	52	1	P2020-0644-1-A	-	1.0000	052F5201.D		4
53	53	1	P2020-0644-1-B	-	1.0000	053F5301.D		4
54	54	1	P2020-0645-1-A	-	1.0000	054F5401.D		4
55	55	1	P2020-0645-1-B	-	1.0000	055F5501.D		4
56	56	1	P2020-0646-1-A	-	1.0000	056F5601.D		4
57	57	1	P2020-0646-1-B	-	1.0000	057F5701.D		4
58	58	1	P2020-0655-1-A	-	1.0000	058F5801.D		4
59	59	1	P2020-0655-1-B	-	1.0000	059F5901.D		4
60	60	1	P2020-0657-1-A	-	1.0000	060F6001.D		4
61	61	1	P2020-0657-1-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	P2020-0666-1-A	-	1.0000	064F6401.D		4
65	65	1	P2020-0666-1-B	-	1.0000	065F6501.D		5
66	66	1	QC1-3-A	-	1.0000	066F6601.D		4
67	67	1	QC1-3-B	-	1.0000	067F6701.D		4
68	68	1	DFE	-	1.0000	068F6801.D		4
69	69	1	TFE	-	1.0000	069F6901.D		3
70	70	1	INT STD 3	-	1.0000	070F7001.D		2