REVIEWED
By Melissa (Nikka) Bradley at 12:49 pm, Nov 13, 2020

NB

11/2/2020

Worklist: 4580

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2020-2129	2	UCK	Alcohol Analysis
C2020-2140	1	BCK	Alcohol Analysis
C2020-2149	1	BCK	Alcohol Analysis
C2020-2166	1	BCK	Alcohol Analysis
C2020-2170	1	BCK	Alcohol Analysis
P2020-3095	1	BCK	Alcohol Analysis
P2020-3117	1	BCK	Alcohol Analysis
P2020-3146	1	BCK	Alcohol Analysis
P2020-3147	1	BCK	Alcohol Analysis
P2020-3159	1	BCK	Alcohol Analysis
P2020-3163	1	BCK	Alcohol Analysis
P2020-3182	1	BCK	Alcohol Analysis
P2020-3183	1	BCK	Alcohol Analysis
P2020-3184	1	BCK	Alcohol Analysis
P2020-3185	1	BCK	Alcohol Analysis
P2020-3186	1	BCK	Alcohol Analysis
P2020-3197	1	UCK	Alcohol Analysis
P2020-3198	1	BCK	Alcohol Analysis
P2020-3200	1	BCK	Alcohol Analysis
P2020-3205	1	BCK	Alcohol Analysis
P2020-3211	1	BCK	Alcohol Analysis

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Worklist: 4580

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
P2020-3211	2	BCK	Alcohol Analysis

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Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: ML600HC11379

Volatiles Quality Assurance Controls **Run Date(s): 11-03-20**

worklist #4580

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0760 g/100cc
					0.0774 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1993 g/100cc
					0.2022 g/100cc
					g/100cc

Multi-Component mixture:	**Jul-22**		**Lot #**	FN07101701	OK
Curve Fit:		**Column 1**	1.00000	**Column2**	0.99998

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0505	0.0487	0.0018	0.0496
100	0.100	0.090 - 0.110	0.1006	0.0981	0.0025	0.0993
200	0.200	0.180 - 0.220	0.1997	0.1975	0.0022	0.1986
300	0.300	0.270 - 0.330	0.3005	0.2992	0.0013	0.2998
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.4997	0.5020	0.0023	0.5008

Aqueous Controls

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

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Sequence File C:\Chem32\1\TEMP\AESEQ\QS_03.11.2020_01.27.19\11-03-2020.S

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_03.11.2020_01.27.19\11-03-2020.S
Data directory path: C:\Chem32\1\Data\11-03-20JJ
Logbook: C:\Chem32\1\Data\11-03-20JJ\11-03-2020.LOG
Sequence start: 11/3/2020 1:41:06 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	water-1	-	1.0000	001F0101.D		0
2	2	1	VOL MIX	-	1.0000	002F0201.D		10
3	3	1	ISTD BLANK-1	-	1.0000	003F0301.D		2
4	4	1	QC-1(1)-A	-	1.0000	004F0401.D		4
5	5	1	QC-1(1)-B	-	1.0000	005F0501.D		4
6	6	1	0.08 FN09181807-	-	1.0000	006F0601.D		4
7	7	1	0.08 FN09181807-	-	1.0000	007F0701.D		4
8	8	1	C2020-2129-2-A	-	1.0000	008F0801.D		2
9	9	1	C2020-2129-2-B	-	1.0000	009F0901.D		2
10	10	1	C2020-2140-1-A	-	1.0000	010F1001.D		2
11	11	1	C2020-2140-1-B	-	1.0000	011F1101.D		2
12	12	1	C2020-2149-1-A	-	1.0000	012F1201.D		2
13	13	1	C2020-2149-1-B	-	1.0000	013F1301.D		2
14	14	1	C2020-2166-1-A	-	1.0000	014F1401.D		4
15	15	1	C2020-2166-1-B	-	1.0000	015F1501.D		4
16	16	1	C2020-2170-1-A	-	1.0000	016F1601.D		4
17	17	1	C2020-2170-1-B	-	1.0000	017F1701.D		4
18	18	1	P2020-3095-1-A	-	1.0000	018F1801.D		4
19	19	1	P2020-3095-1-B	-	1.0000	019F1901.D		4
20	20	1	P2020-3117-1-A	-	1.0000	020F2001.D		4
21	21	1	P2020-3117-1-B	-	1.0000	021F2101.D		4
22	22	1	P2020-3146-1-A	-	1.0000	022F2201.D		2
23	23	1	P2020-3146-1-B	-	1.0000	023F2301.D		2
24	24	1	P2020-3147-1-A	-	1.0000	024F2401.D		2
25	25	1	P2020-3147-1-B	-	1.0000	025F2501.D		2
26	26	1	QC-2(1)-A	-	1.0000	026F2601.D		4
27	27	1	QC-2(1)-B	-	1.0000	027F2701.D		4
28	28	1	P2020-3159-1-A	-	1.0000	028F2801.D		4
29	29	1	P2020-3159-1-B	-	1.0000	029F2901.D		4
30	30	1	P2020-3163-1-A	-	1.0000	030F3001.D		4
31	31	1	P2020-3163-1-B	-	1.0000	031F3101.D		6
32	32	1	P2020-3182-1-A	-	1.0000	032F3201.D		4
33	33	1	P2020-3182-1-B	-	1.0000	033F3301.D		4
34	34	1	P2020-3183-1-A	-	1.0000	034F3401.D		6
35	35	1	P2020-3183-1-B	-	1.0000	035F3501.D		6
36	36	1	P2020-3184-1-A	-	1.0000	036F3601.D		5
37	37	1	P2020-3184-1-B	-	1.0000	037F3701.D		5
38	38	1	P2020-3185-1-A	-	1.0000	038F3801.D		4
39	39	1	P2020-3185-1-B	-	1.0000	039F3901.D		4
40	40	1	P2020-3186-1-A	-	1.0000	040F4001.D		4
41	41	1	P2020-3186-1-B	-	1.0000	041F4101.D		4
42	42	1	P2020-3197-1-A	-	1.0000	042F4201.D		2
43	43	1	P2020-3197-1-B	-	1.0000	043F4301.D		2
44	44	1	P2020-3198-1-A	-	1.0000	044F4401.D		4
45	45	1	P2020-3198-1-B	-	1.0000	045F4501.D		4
46	46	1	P2020-3200-1-A	-	1.0000	046F4601.D		4

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Sequence File C:\Chem32\1\TEMP\AESEQ\QS_03.11.2020_01.27.19\11-03-2020.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
47	47	1	P2020-3200-1-B	-	1.0000	047F4701.D		4
48	48	1	QC-1(2)-A	-	1.0000	048F4801.D		4
49	49	1	QC-1(2)-B	-	1.0000	049F4901.D		4
50	50	1	P2020-3206-1-A	-	1.0000	050F5001.D		4
51	51	1	P2020-3206-1-B	-	1.0000	051F5101.D		4
52	52	1	P2020-3211-1-A	-	1.0000	052F5201.D		2
53	53	1	P2020-3211-1-B	-	1.0000	053F5301.D		2
54	54	1	P2020-3211-2-A	-	1.0000	054F5401.D		2
55	55	1	P2020-3211-2-B	-	1.0000	055F5501.D		2
56	56	1	QC-2(2)-A	-	1.0000	056F5601.D		4
57	57	1	QC-2(2)-B	-	1.0000	057F5701.D		4
58	58	1	ISTD BLANK-2	-	1.0000	058F5801.D		2
59	59	1	0.500 CHECK	-	1.0000	059F5901.D		4
60	60	1	0.300 CHECK	-	1.0000	060F6001.D		4
61	61	1	0.200 CHECK	-	1.0000	061F6101.D		4
62	62	1	0.100 CHECK	-	1.0000	062F6201.D		4
63	63	1	0.050 CHECK	-	1.0000	063F6301.D		4
64	64	1	water-2	-	1.0000	064F6401.D		0

P2020-3205 99 11-4-20

99 11-4-20

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Calibration Table

General Calibration Setting

Calib. Data Modified : Tuesday, November 03, 2020 1:11:08 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

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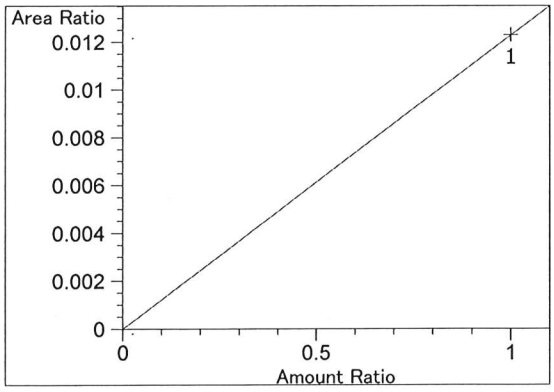
Method C:\CHEM32\1\METHODS\ALCOHOL.M

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.165	2	1	1.00000	1.06794	9.36380e-1	No	No	2	Difluoroethane
2.213	1	1	1.00000	5.00000	2.00000e-1	No	No	1	Difluoroethane
2.494	1	1	1.00000	3.69669	2.70512e-1	No	No	1	Methanol
2.772	1	1	1.00000	3.19311	3.13174e-1	No	No	1	Acetaldehyde
2.797	2	1	1.00000	3.10575	3.21983e-1	No	No	2	Acetaldehyde
3.111	1	1	5.00000e-2	8.70840	5.74158e-3	No	No	1	Ethanol
		2	1.00000e-1	17.48239	5.72004e-3				
		3	2.00000e-1	34.78565	5.74950e-3				
		4	3.00000e-1	52.29736	5.73643e-3				
		5	5.00000e-1	86.48556	5.78131e-3				
3.211	2	1	1.00000	4.26062	2.34707e-1	No	No	2	Methanol
3.715	1	1	1.00000	9.73055	1.02769e-1	No	No	1	Isopropyl alcohol
4.183	2	1	5.00000e-2	8.43879	5.92502e-3	No	No	2	Ethanol
		2	1.00000e-1	17.03990	5.86858e-3				
		3	2.00000e-1	34.39412	5.81495e-3				
		4	3.00000e-1	51.92420	5.77765e-3				
		5	5.00000e-1	86.41691	5.78590e-3				
4.567	2	1	1.00000	6.89301	1.45075e-1	No	No	2	Acetone
4.581	1	1	1.00000	6.49940	1.53860e-1	No	No	1	Acetone
4.870	2	1	1.00000	10.70642	9.34019e-2	No	No	2	Isopropyl alcohol
4.946	1	1	1.00000	90.57954	1.10400e-2	No	Yes	1	n-Propanol
		2	1.00000	91.20846	1.09639e-2				
		3	1.00000	91.42790	1.09376e-2				
		4	1.00000	91.34329	1.09477e-2				
		5	1.00000	90.84241	1.10081e-2				
7.627	2	1	1.00000	86.82709	1.15171e-2	No	Yes	2	n-Propanol
		2	1.00000	87.02768	1.14906e-2				
		3	1.00000	87.27778	1.14577e-2				
		4	1.00000	86.94209	1.15019e-2				
		5	1.00000	86.25512	1.15935e-2				

Peak Sum Table

No Entries in table

Calibration Curves



Difluoroethane at exp. RT: 2.165
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.22996e-2
x: Amount Ratio
y: Area Ratio

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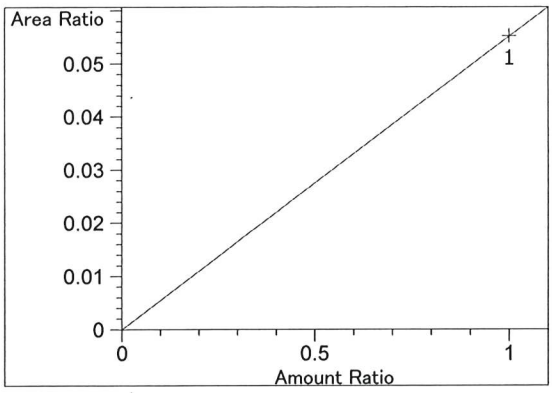
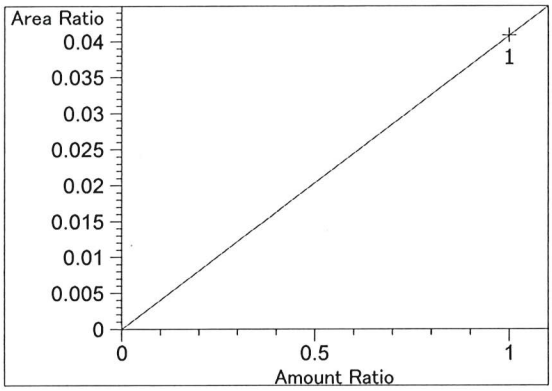
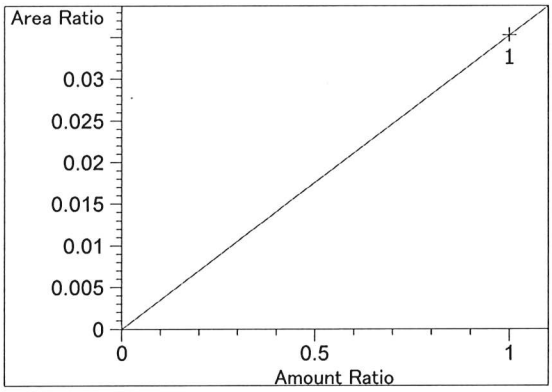


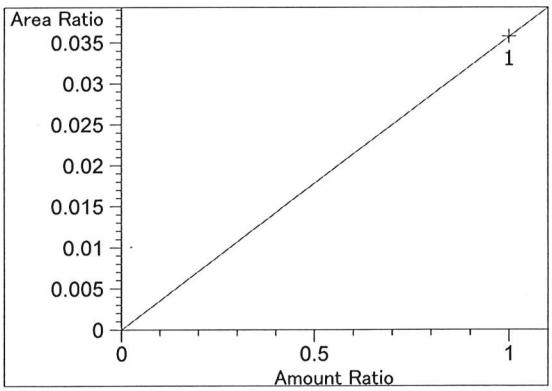
Difluoroethane at exp. RT: 2.213
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 5.52001e-2
x: Amount Ratio
y: Area Ratio



Methanol at exp. RT: 2.494
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.08116e-2
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.772
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.52520e-2
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.797
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.57694e-2
x: Amount Ratio
y: Area Ratio

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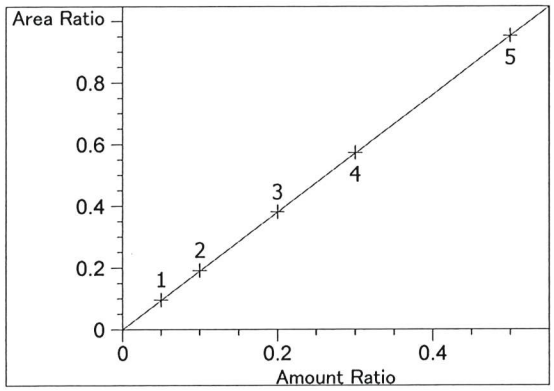
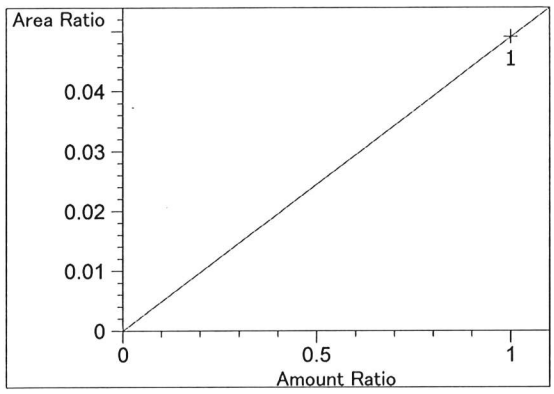
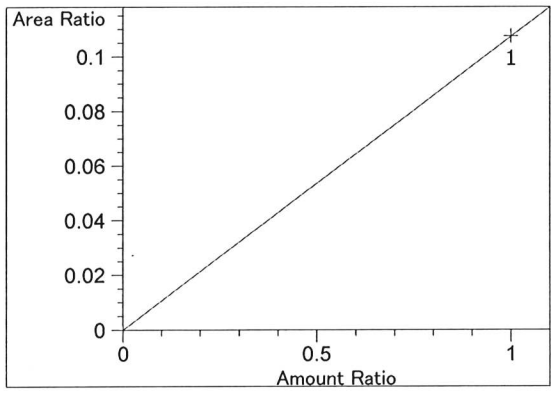


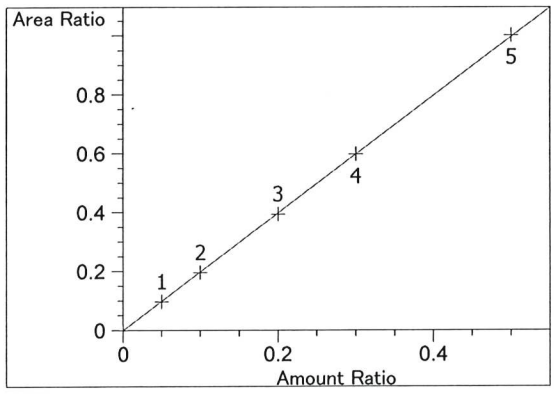
Ethanol at exp. RT: 3.111
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00096
Formula: y = mx
m: 1.90535
x: Amount Ratio
y: Area Ratio



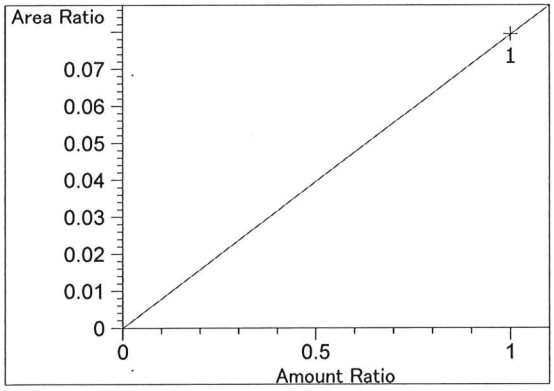
Methanol at exp. RT: 3.211
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.90702e-2
x: Amount Ratio
y: Area Ratio



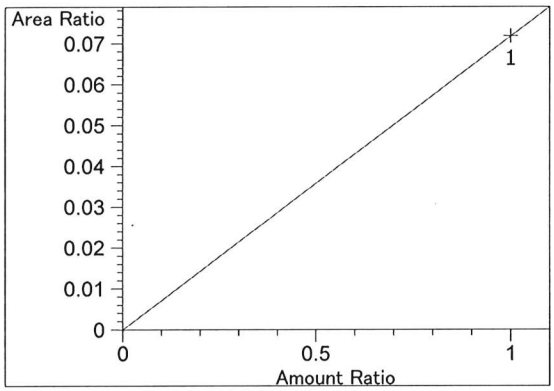
Isopropyl alcohol at exp. RT: 3.715
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.07426e-1
x: Amount Ratio
y: Area Ratio



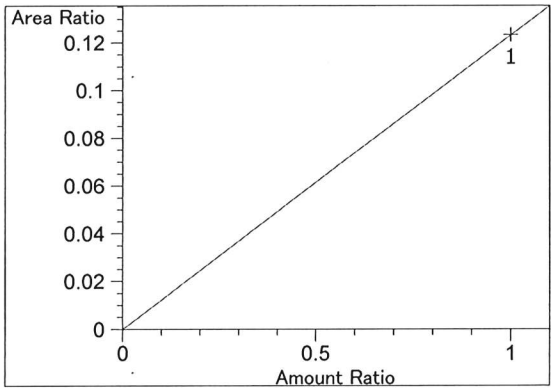
Ethanol at exp. RT: 4.183
FID2 B, Back Signal
Correlation: 0.99998
Residual Std. Dev.: 0.00403
Formula: y = mx
m: 1.99582
x: Amount Ratio
y: Area Ratio



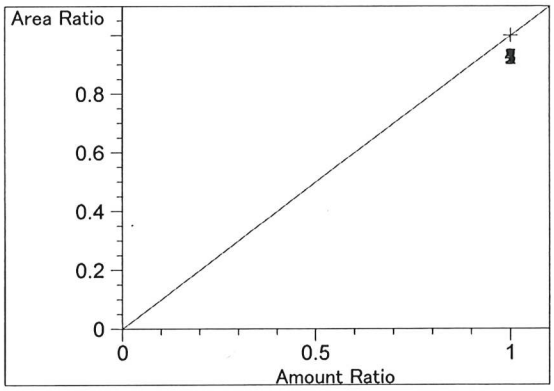
Acetone at exp. RT: 4.567
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.93878e-2
x: Amount Ratio
y: Area Ratio



Acetone at exp. RT: 4.581
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.17535e-2
x: Amount Ratio
y: Area Ratio

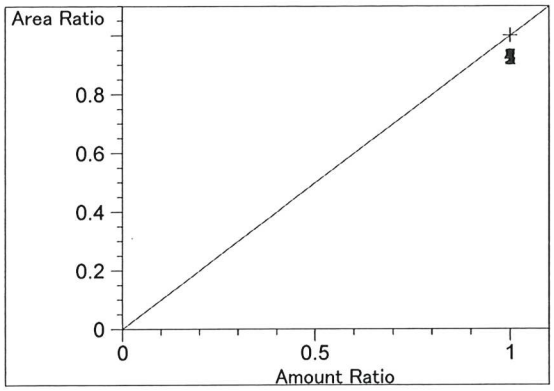


Isopropyl alcohol at exp. RT: 4.870
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.23307e-1
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 4.946
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

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



n-Propanol at exp. RT: 7.627
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

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Sequence File C:\Chem32\1\TEMP\AESEQ\QS_03.11.2020_10.04.24\11-03-2020cal.S

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

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_03.11.2020_10.04.24\11-03-2020cal.S
Data directory path: C:\Chem32\1\Data\11-03-2020CALSVJ
Logbook: C:\Chem32\1\Data\11-03-2020CALSVJ\11-03-2020cal.LOG
Sequence start: 11/3/2020 10:18:08 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	WATER	-	1.0000	001F0101.D		0
2	2	1	0.05	-	1.0000	002F0201.D	*	4
3	3	1	0.100	-	1.0000	003F0301.D	*	4
4	4	1	0.200	-	1.0000	004F0401.D	*	4
5	5	1	0.300	-	1.0000	005F0501.D	*	4
6	6	1	0.500	-	1.0000	006F0601.D	*	4
7	7	1	ISTD BLANK	-	1.0000	007F0701.D		2

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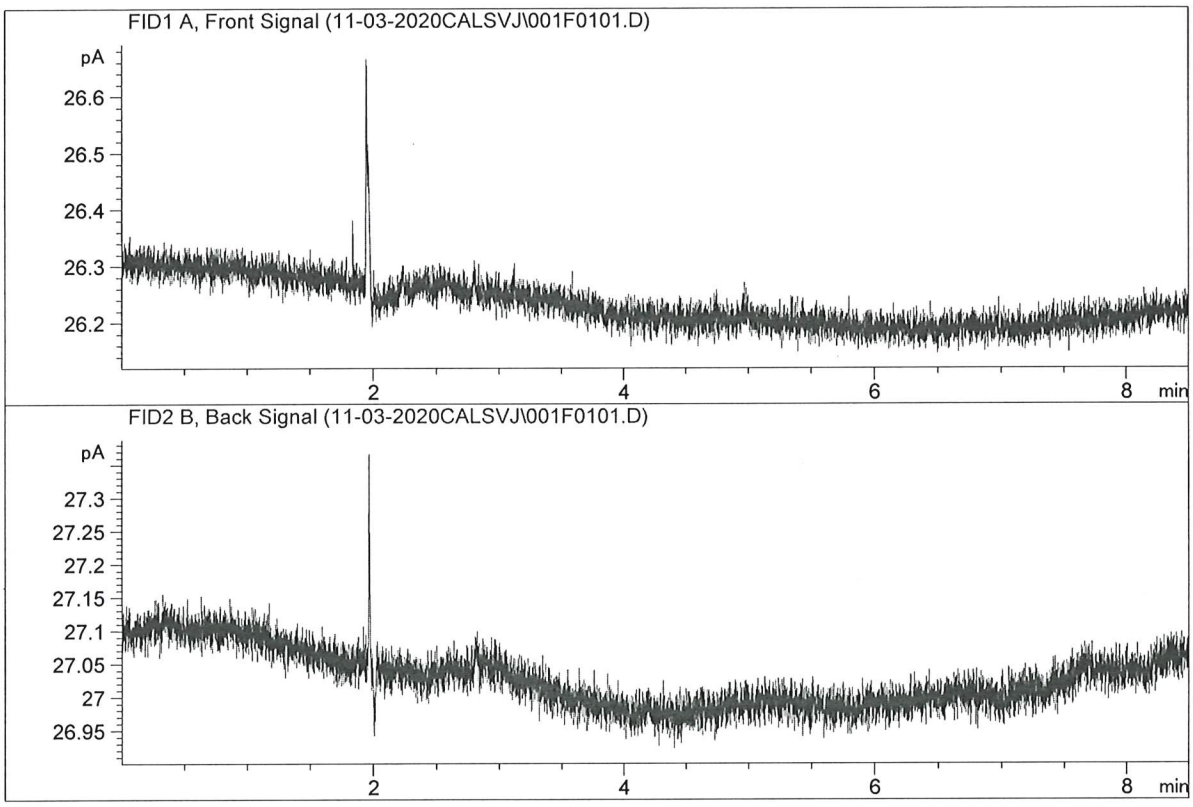
ISP Forensic Services Blood Alcohol Report

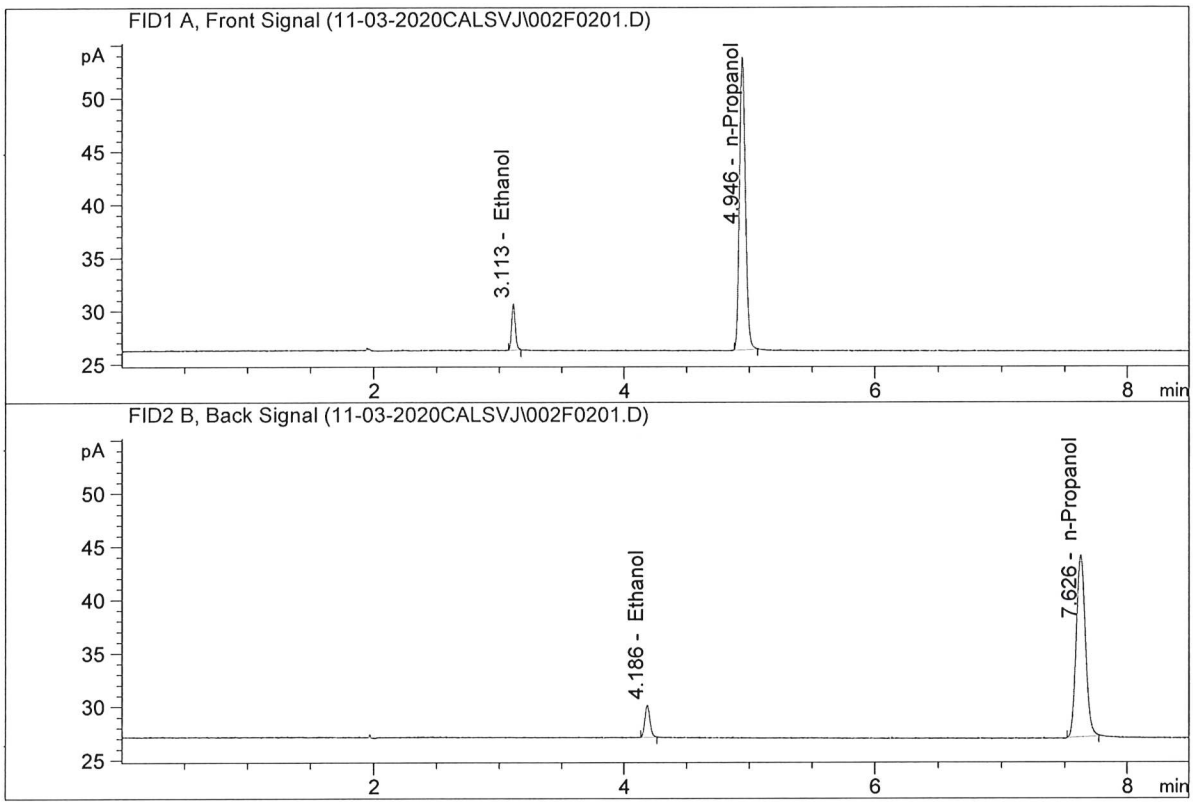
Sample Name : WATER
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	0.00000	0.0000	g/100cc
4.	n-Propanol	Column 2:	0.00000	0.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.05
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

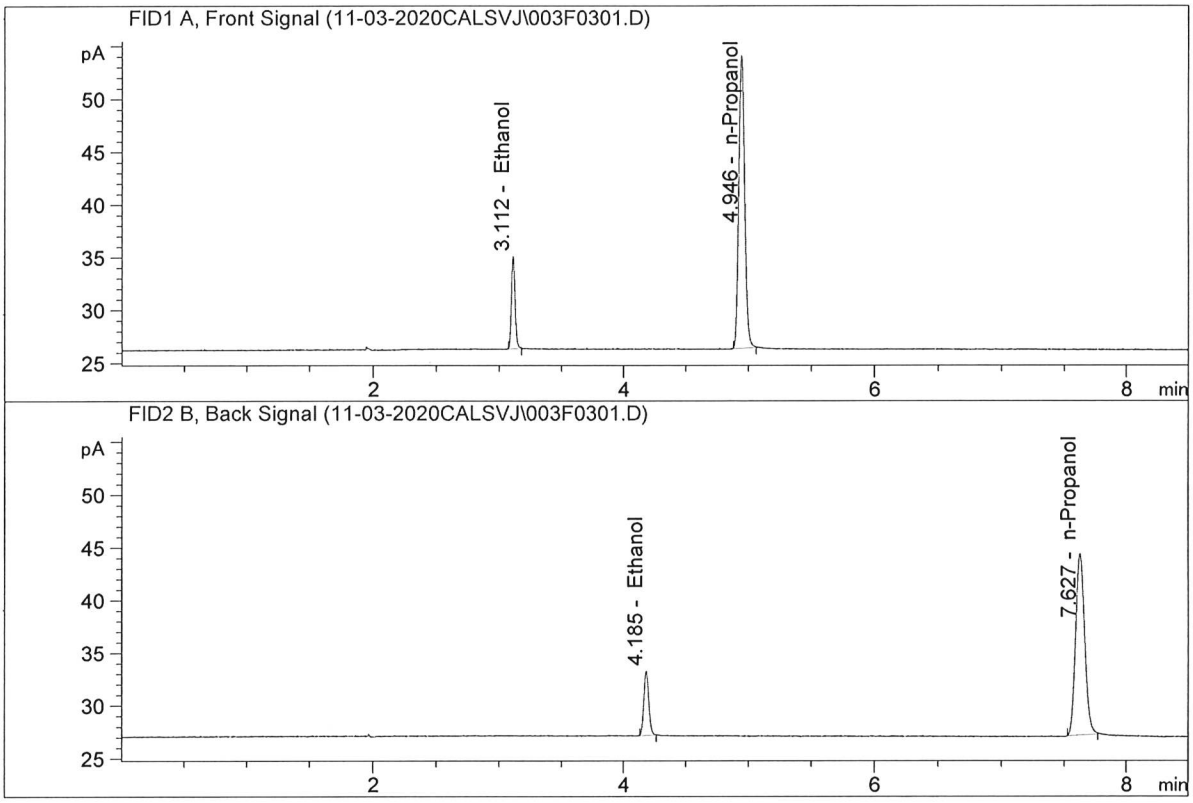


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.70840	0.0505	g/100cc
2.	Ethanol	Column 2:	8.43879	0.0487	g/100cc
3.	n-Propanol	Column 1:	90.57954	1.0000	g/100cc
4.	n-Propanol	Column 2:	86.82709	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

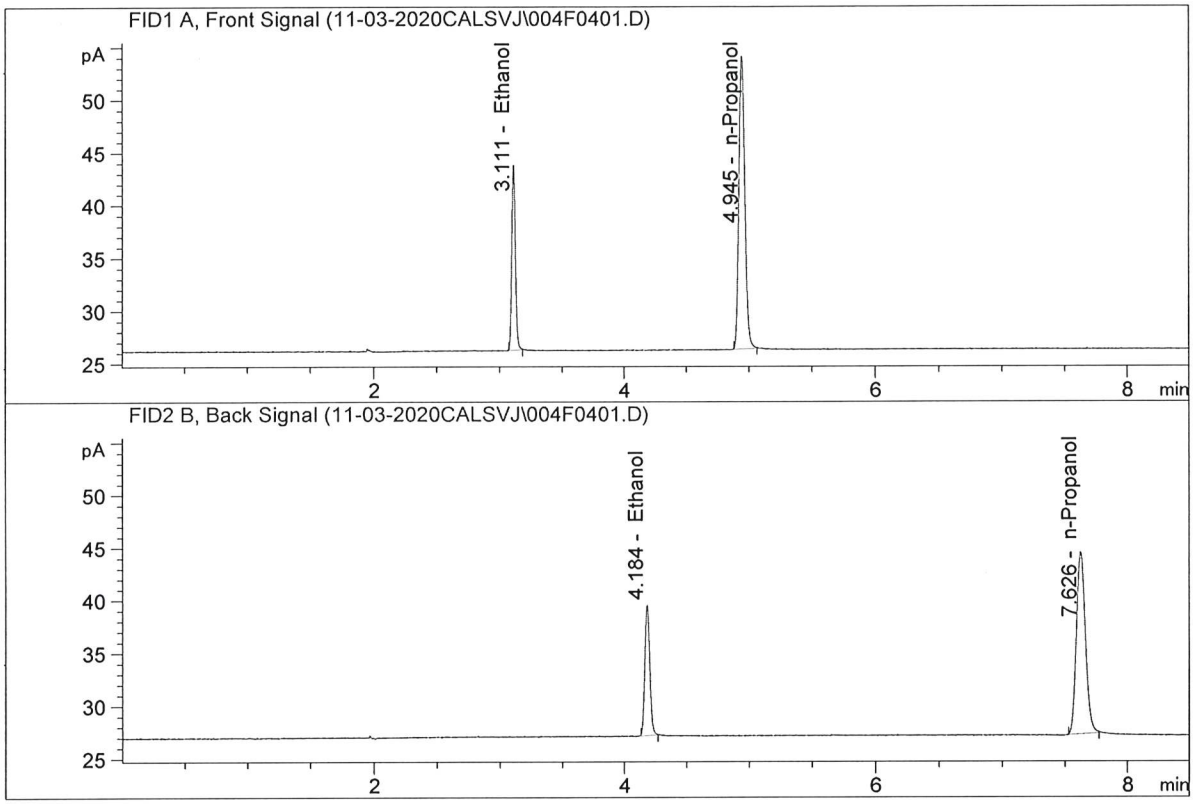
Sample Name : 0.100
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.48239	0.1006	g/100cc
2.	Ethanol	Column 2:	17.03990	0.0981	g/100cc
3.	n-Propanol	Column 1:	91.20846	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.02768	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

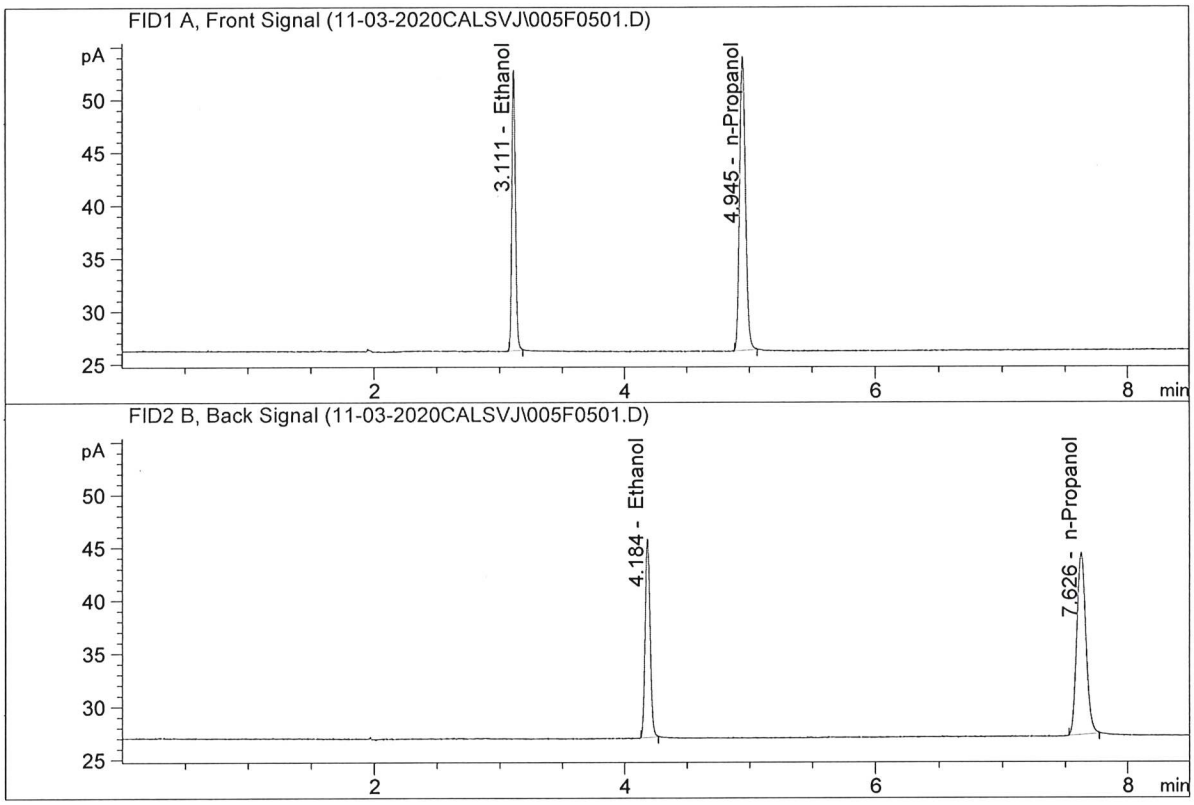
Sample Name : 0.200
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	34.78565	0.1997	g/100cc
2.	Ethanol	Column 2:	34.39412	0.1975	g/100cc
3.	n-Propanol	Column 1:	91.42790	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.27778	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

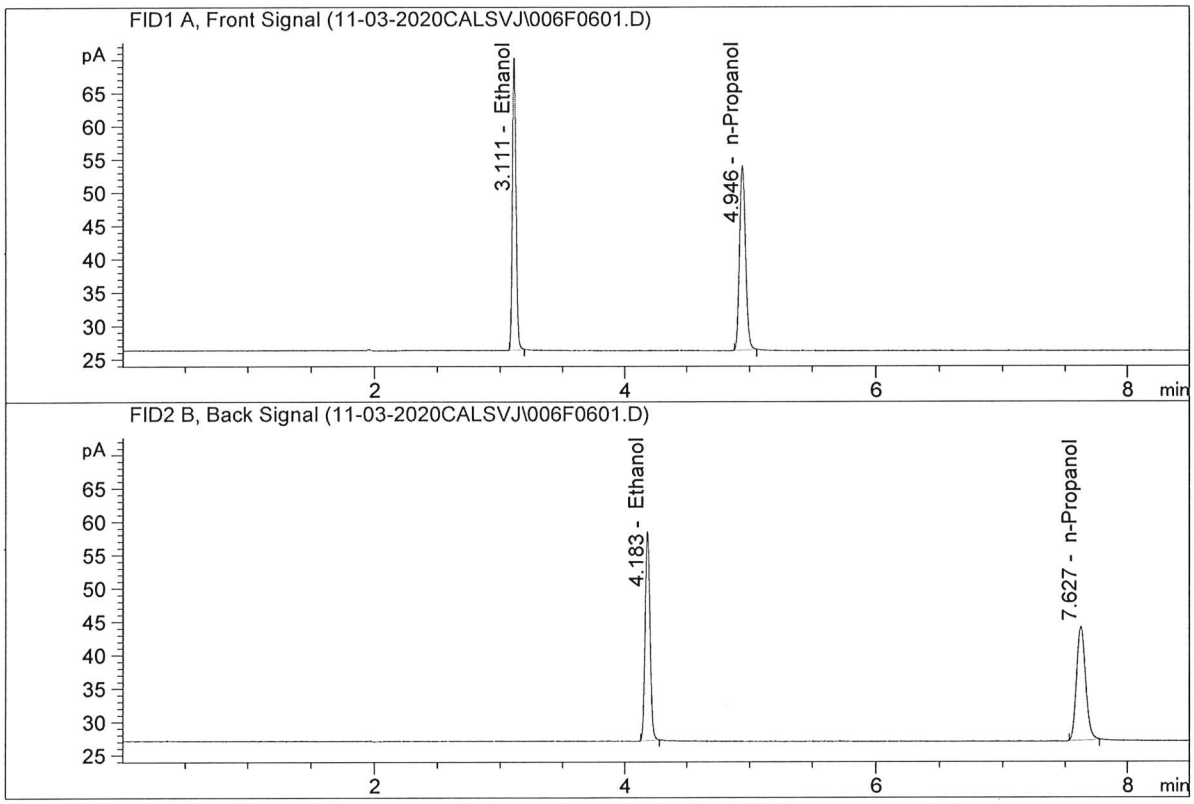
Sample Name : 0.300
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	52.29736	0.3005	g/100cc
2.	Ethanol	Column 2:	51.92420	0.2992	g/100cc
3.	n-Propanol	Column 1:	91.34329	1.0000	g/100cc
4.	n-Propanol	Column 2:	86.94209	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

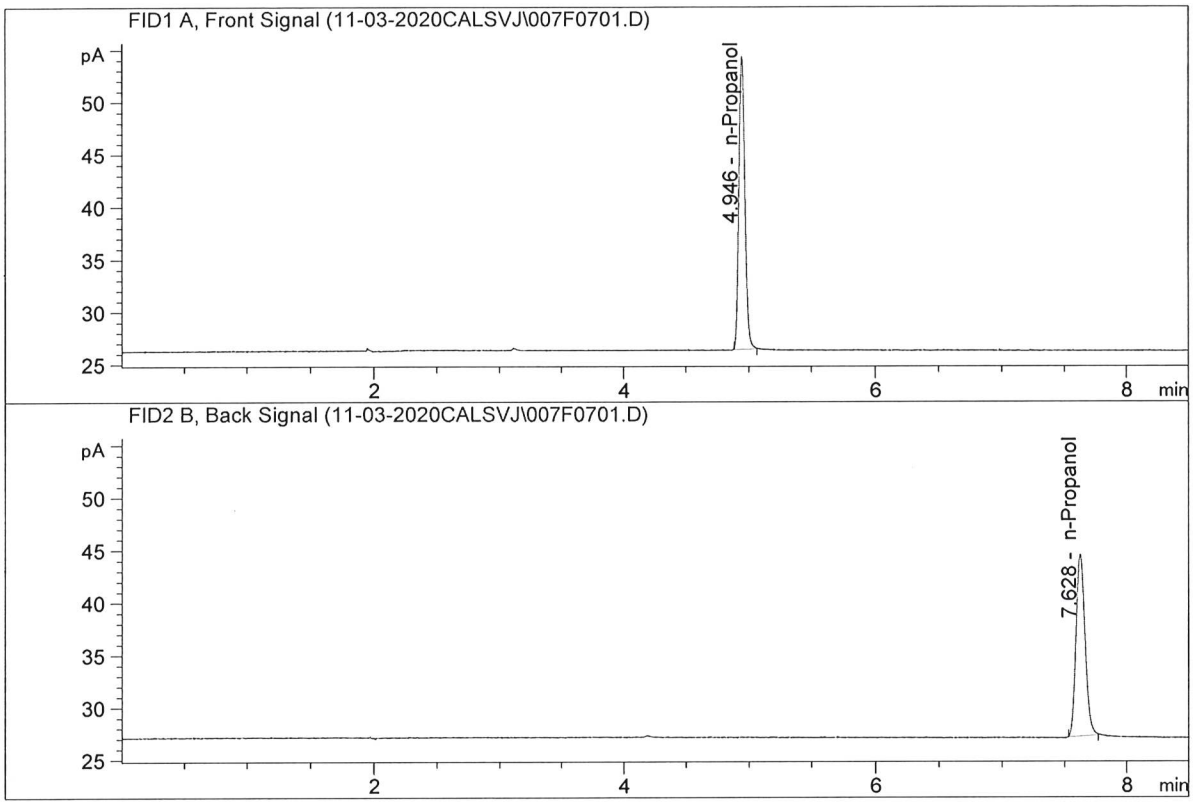
Sample Name : 0.500
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	86.48556	0.4997	g/100cc
2.	Ethanol	Column 2:	86.41691	0.5020	g/100cc
3.	n-Propanol	Column 1:	90.84241	1.0000	g/100cc
4.	n-Propanol	Column 2:	86.25512	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

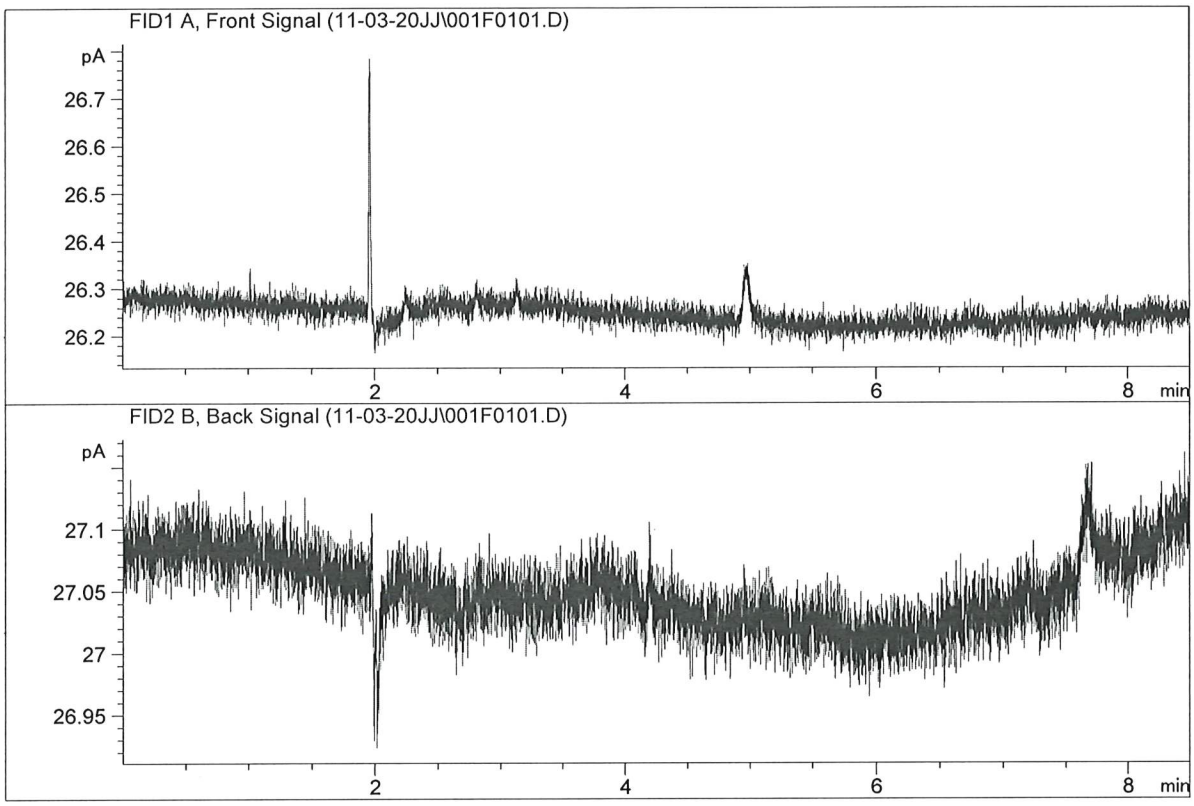


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	91.72636	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.71770	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

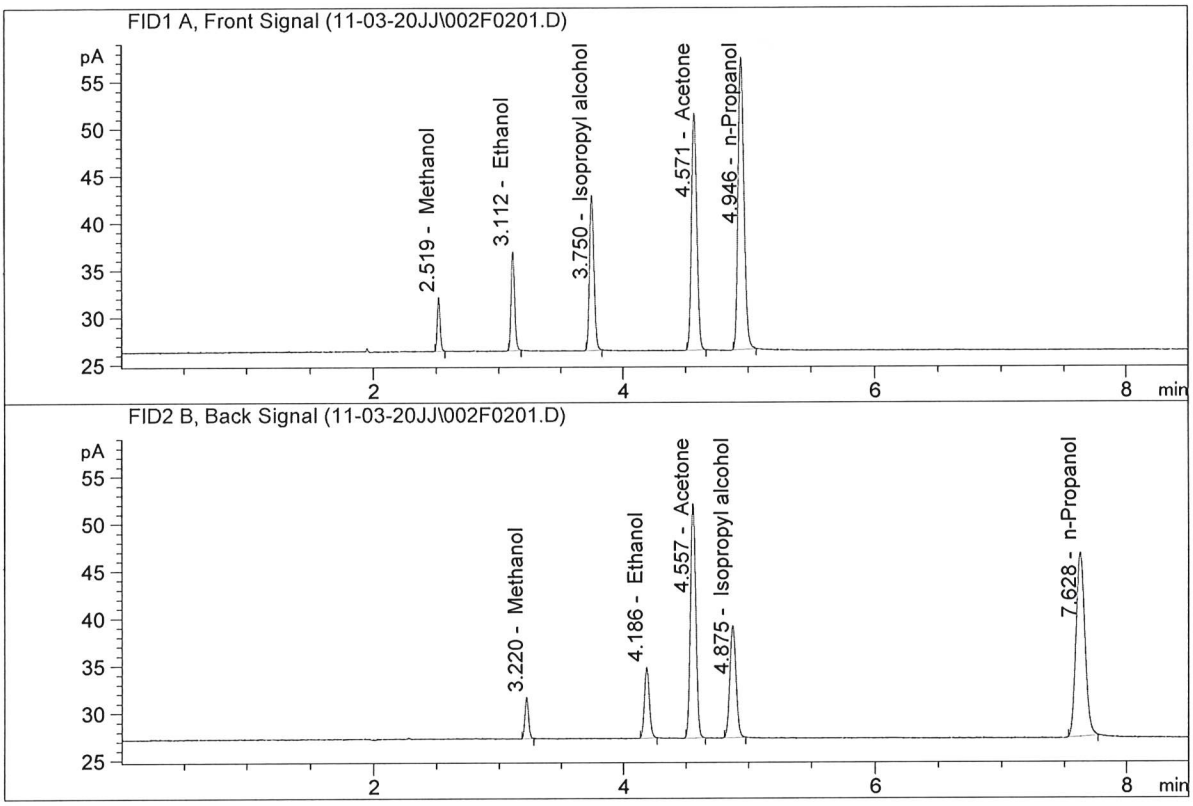
Sample Name : water-1
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	0.00000	0.0000	g/100cc
4.	n-Propanol	Column 2:	0.00000	0.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : VOL MIX
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

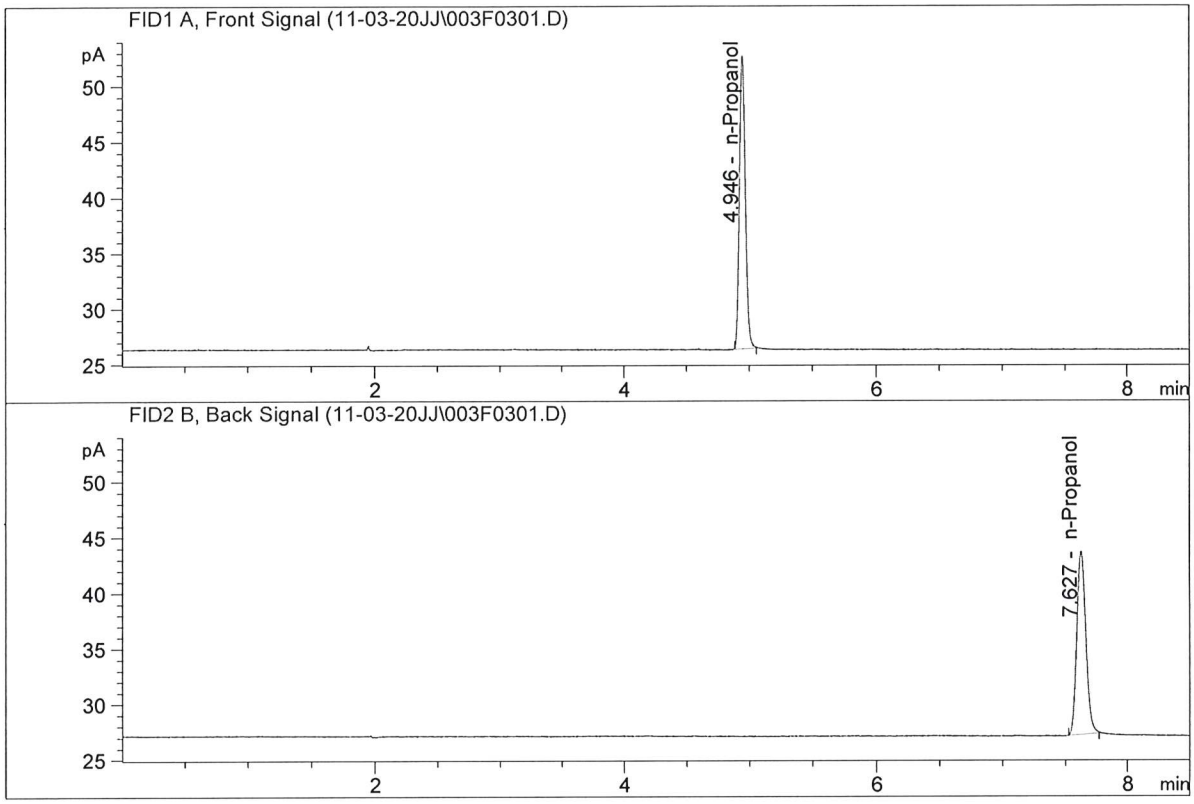


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	20.75268	0.1072	g/100cc
2.	Ethanol	Column 2:	20.71848	0.1058	g/100cc
3.	n-Propanol	Column 1:	101.57462	1.0000	g/100cc
4.	n-Propanol	Column 2:	98.14249	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK-1
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	86.42770	1.0000	g/100cc
4.	n-Propanol	Column 2:	83.42548	1.0000	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1(1) **Analysis Date(s): 03 Nov 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results (g/100cc)	0.0767	0.0755	0.0012	0.0761	0.0002	0.0760
	0.0765	0.0754	0.0011	0.0759		

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
0.076	**0.072**	**0.080**	**0.004**

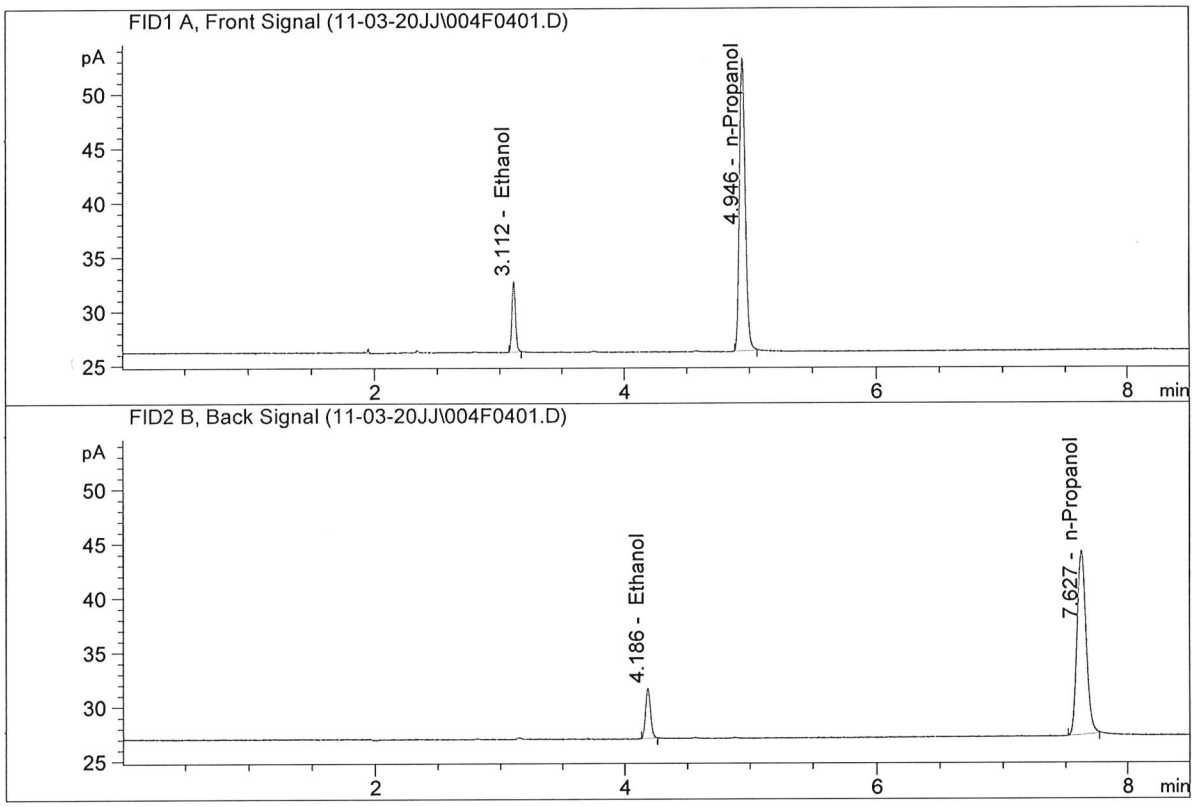
	Reported Result	
	0.076	

Calibration and control data are stored centrally.

Revision: 2
Issue Date: 12/23/2019

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1(1)-A
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

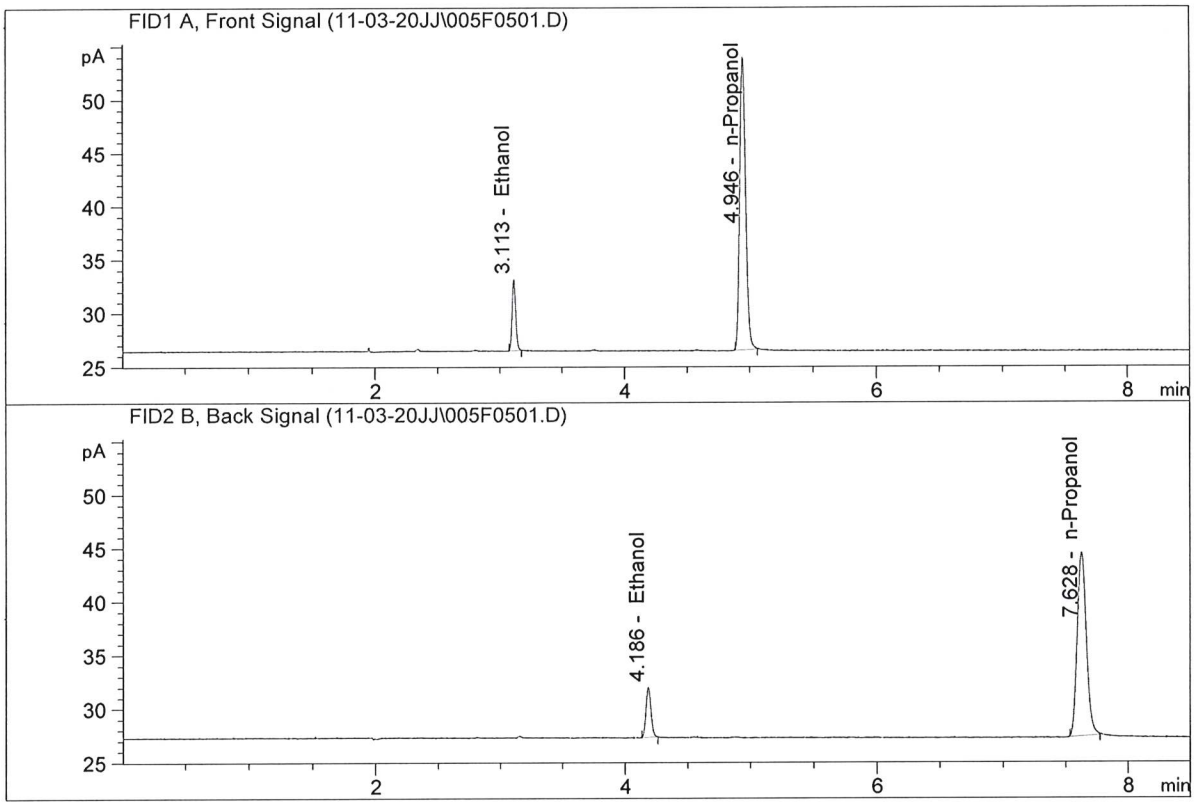


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	12.92348	0.0767	g/100cc
2.	Ethanol	Column 2:	12.87102	0.0755	g/100cc
3.	n-Propanol	Column 1:	88.42910	1.0000	g/100cc
4.	n-Propanol	Column 2:	85.38197	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1(1)-B
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.14190	0.0765	g/100cc
2.	Ethanol	Column 2:	13.06979	0.0754	g/100cc
3.	n-Propanol	Column 1:	90.11810	1.0000	g/100cc
4.	n-Propanol	Column 2:	86.86794	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN09181807 **Analysis Date(s): 03 Nov 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0809	0.0799	0.0010	0.0804	0.0010	0.0799
(g/100cc)	0.0799	0.0789	0.0010	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

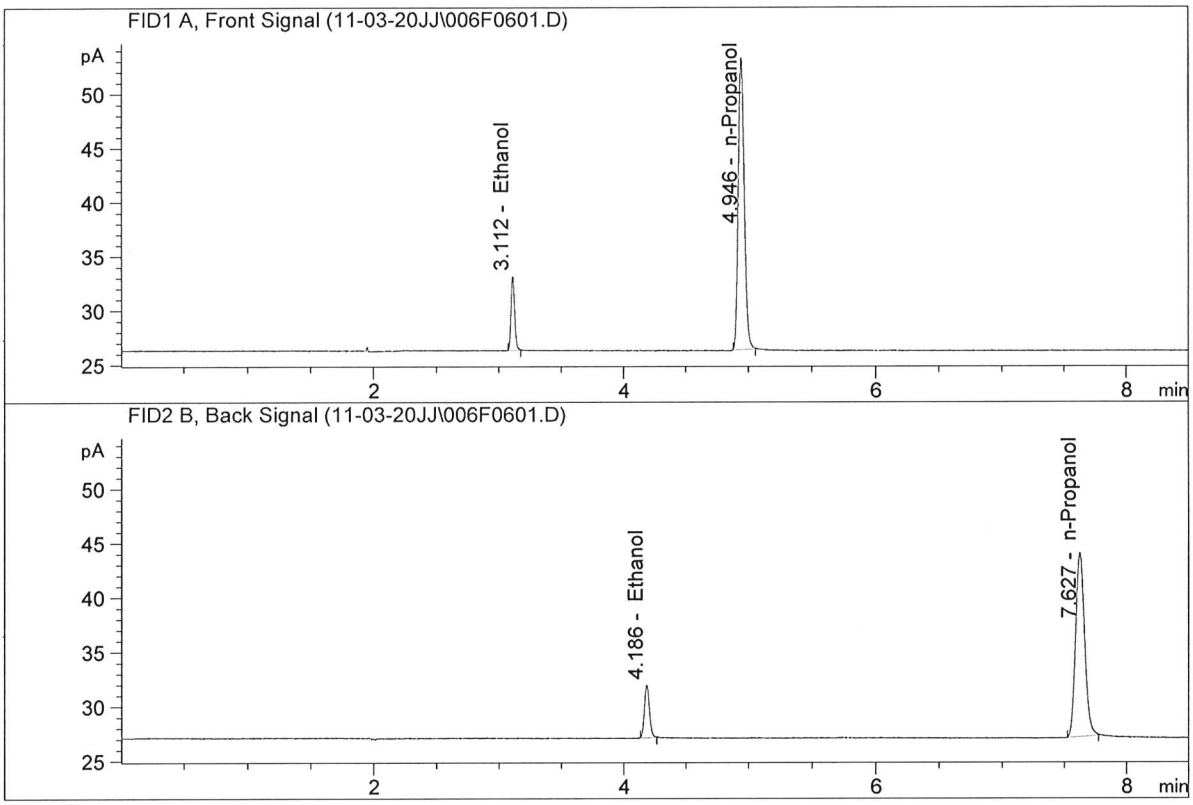
0.079

Calibration and control data are stored centrally.

99

ISP Forensic Services Blood Alcohol Report

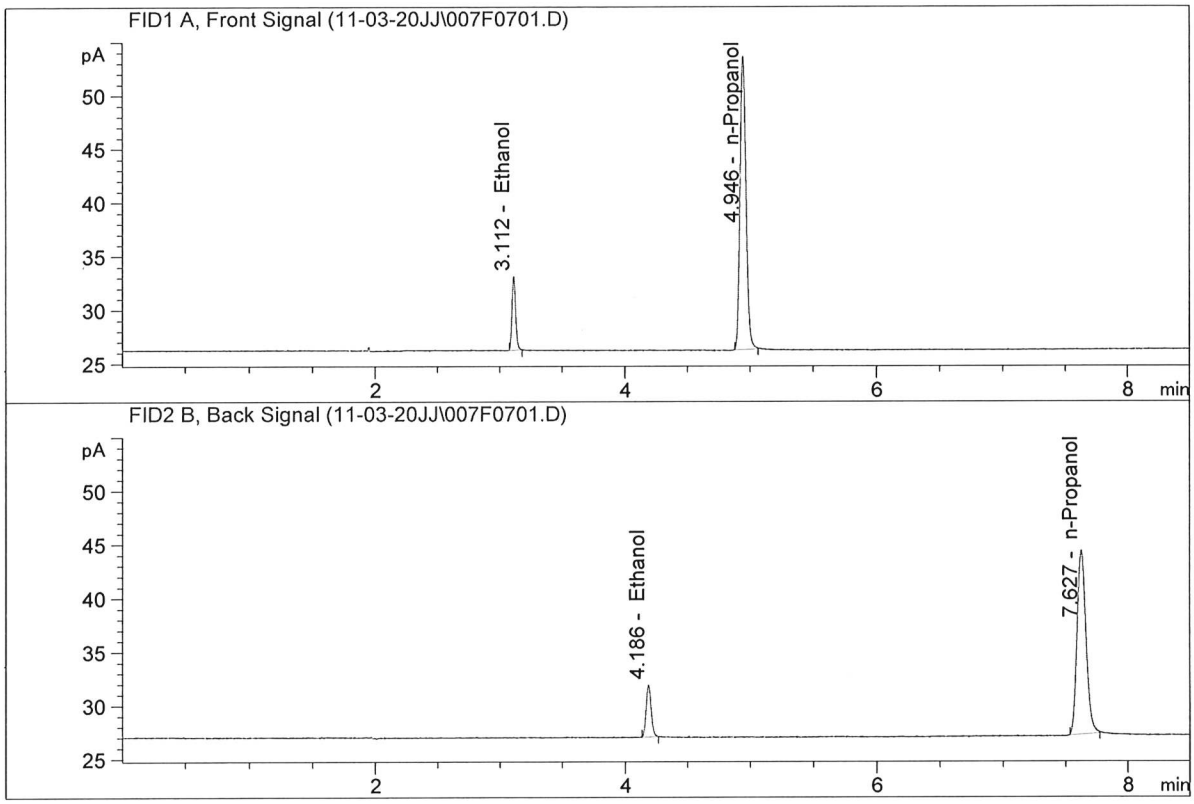
Sample Name : 0.08 FN09181807-A
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.62692	0.0809	g/100cc
2.	Ethanol	Column 2:	13.61001	0.0799	g/100cc
3.	n-Propanol	Column 1:	88.37862	1.0000	g/100cc
4.	n-Propanol	Column 2:	85.39841	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN09181807-B
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.67665	0.0799	g/100cc
2.	Ethanol	Column 2:	13.58565	0.0789	g/100cc
3.	n-Propanol	Column 1:	89.87215	1.0000	g/100cc
4.	n-Propanol	Column 2:	86.32068	1.0000	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-2(1) **Analysis Date(s): 03 Nov 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1992	0.1981	0.0011	0.1986	0.0015	0.1993
(g/100cc)	0.2007	0.1995	0.0012	0.2001		

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
0.199	**0.189**	**0.209**	**0.010**

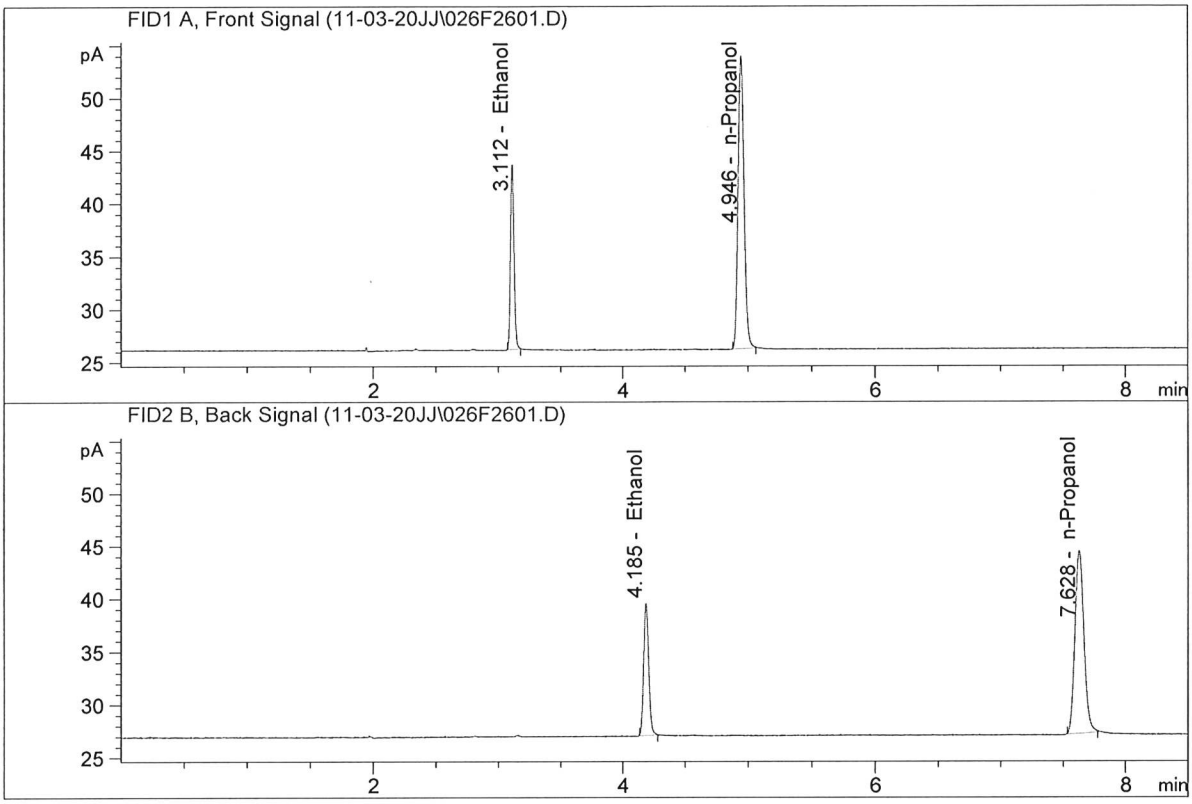
Reported Result
0.199

Calibration and control data are stored centrally.

99

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-2(1)-A
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

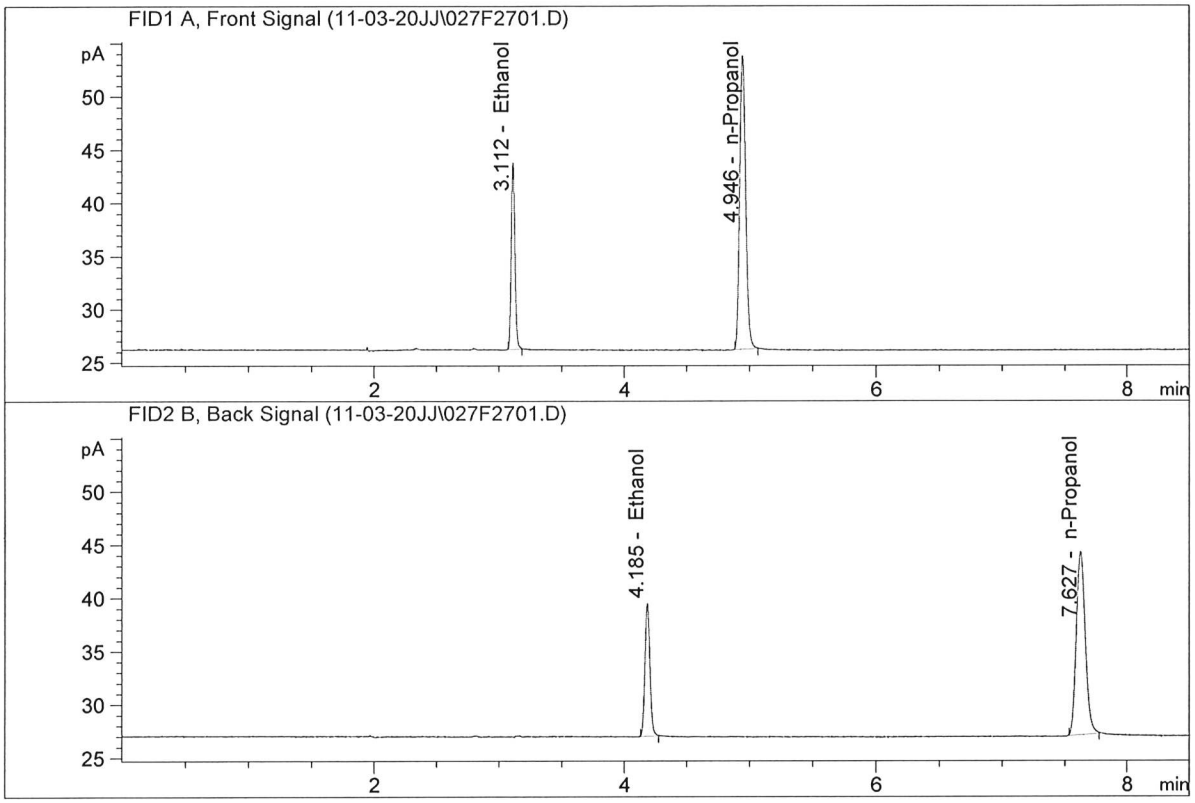


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	34.53184	0.1992	g/100cc
2.	Ethanol	Column 2:	34.65387	0.1981	g/100cc
3.	n-Propanol	Column 1:	90.96248	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.63573	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-2(1)-B
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	34.63041	0.2007	g/100cc
2.	Ethanol	Column 2:	34.66970	0.1995	g/100cc
3.	n-Propanol	Column 1:	90.57365	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.07446	1.0000	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1(2) **Analysis Date(s): 03 Nov 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0787	0.0769	0.0018	0.0778	0.0008	0.0774
(g/100cc)	0.0781	0.0760	0.0021	0.0770		

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%**

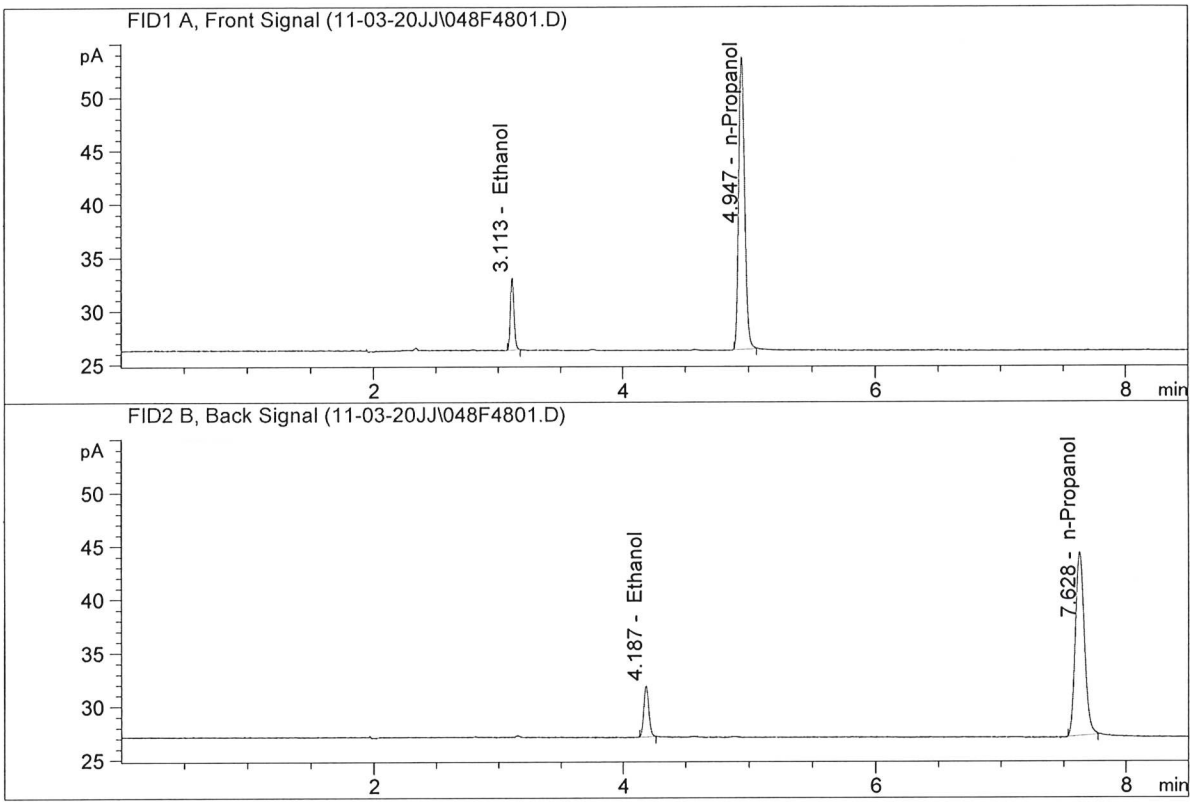
Overall Mean (g/100cc)	Low	High	5% of Mean
0.077	**0.073**	**0.081**	**0.004**

Reported Result
0.077

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1(2)-A
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

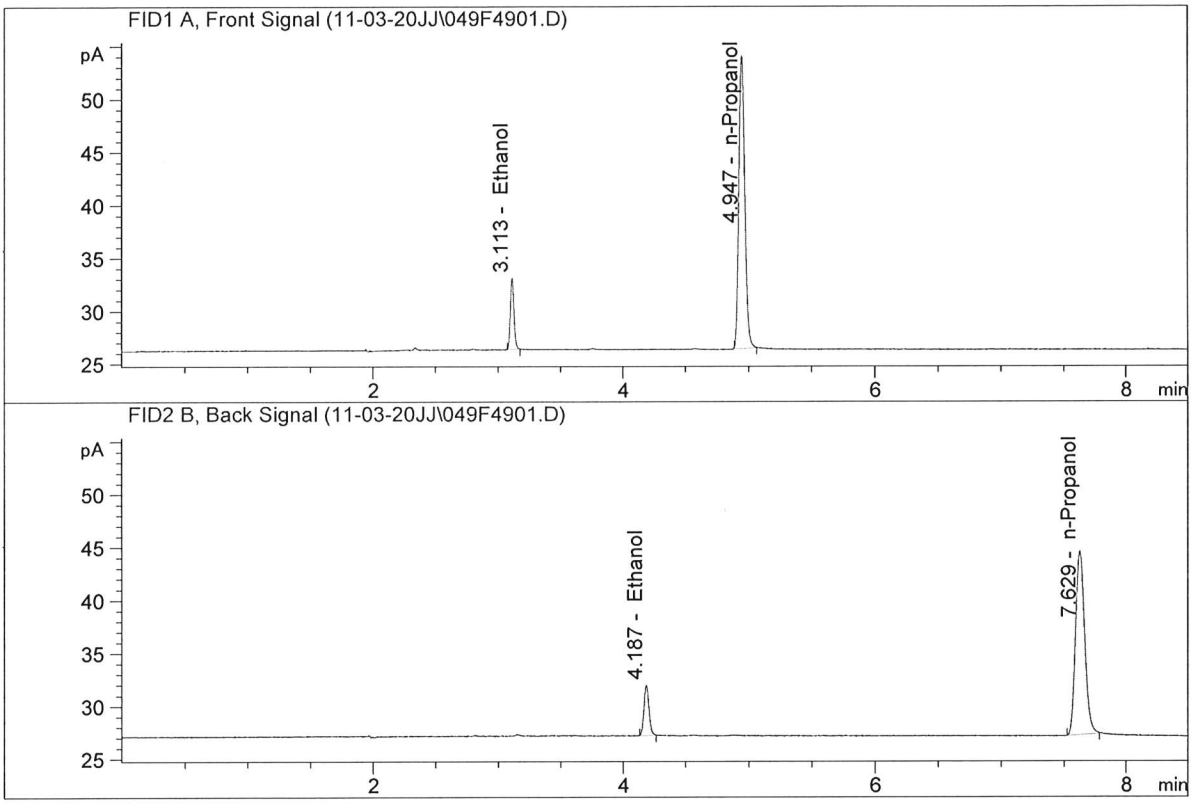


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.49199	0.0787	g/100cc
2.	Ethanol	Column 2:	13.32865	0.0769	g/100cc
3.	n-Propanol	Column 1:	90.02532	1.0000	g/100cc
4.	n-Propanol	Column 2:	86.87107	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1(2)-B
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.52547	0.0781	g/100cc
2.	Ethanol	Column 2:	13.37212	0.0760	g/100cc
3.	n-Propanol	Column 1:	90.86581	1.0000	g/100cc
4.	n-Propanol	Column 2:	88.12020	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-2(2) **Analysis Date(s): 03 Nov 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results (g/100cc)	0.2027	0.2008	0.0019	0.2017	0.0010	0.2022
	0.2038	0.2016	0.0022	0.2027		

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
0.202	0.191	0.213	0.011

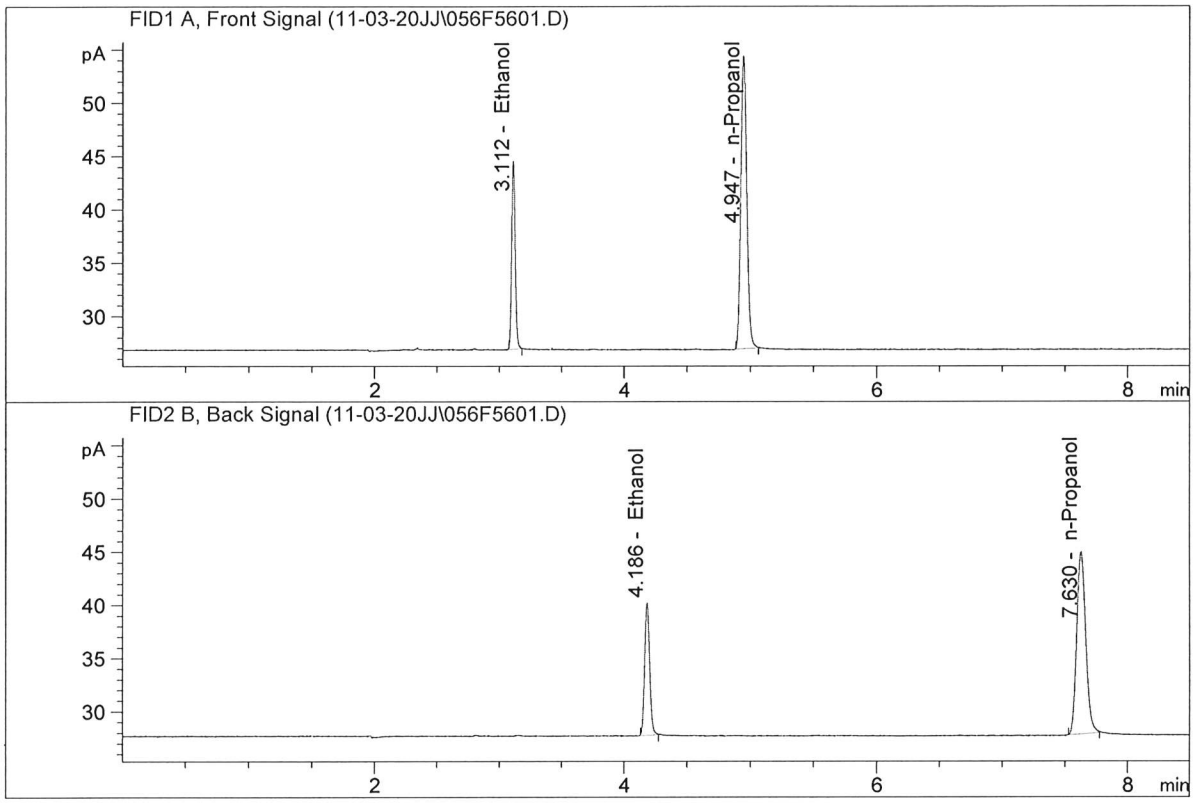
Reported Result

0.202

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-2(2)-A
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

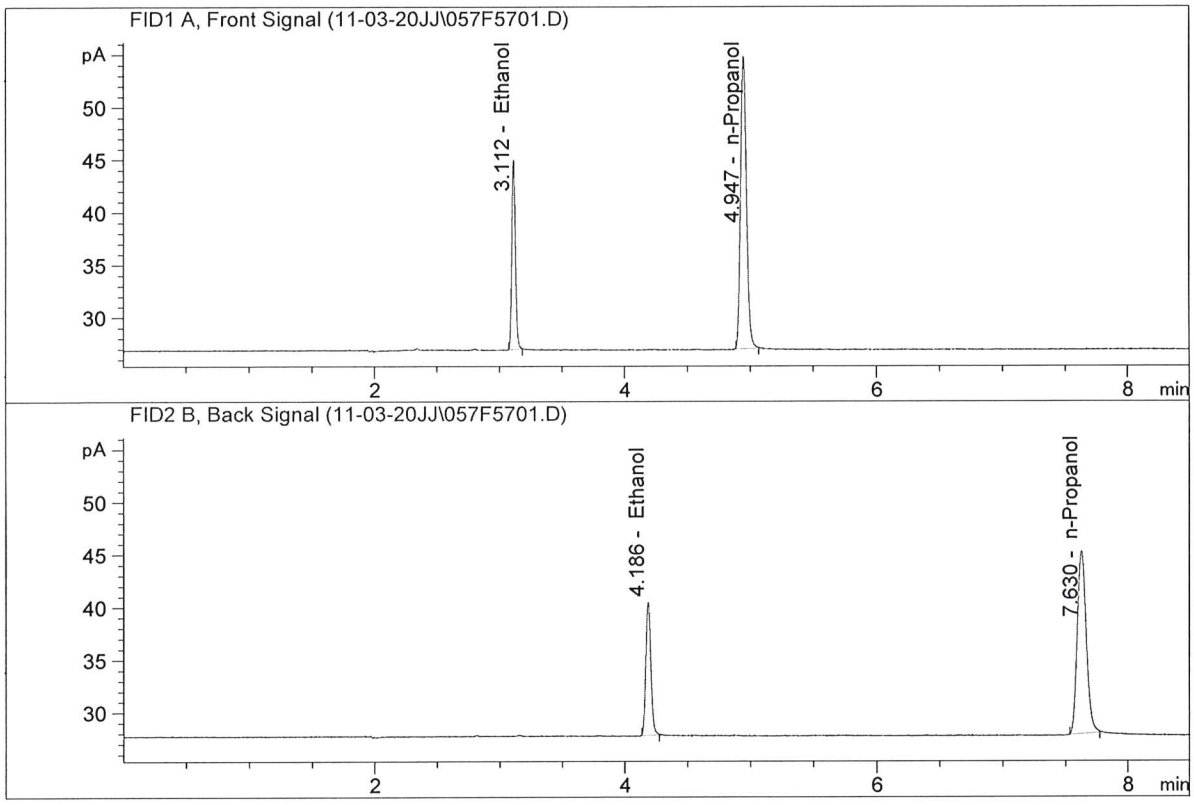


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	34.78254	0.2027	g/100cc
2.	Ethanol	Column 2:	34.71560	0.2008	g/100cc
3.	n-Propanol	Column 1:	90.07551	1.0000	g/100cc
4.	n-Propanol	Column 2:	86.63042	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-2(2)-B
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

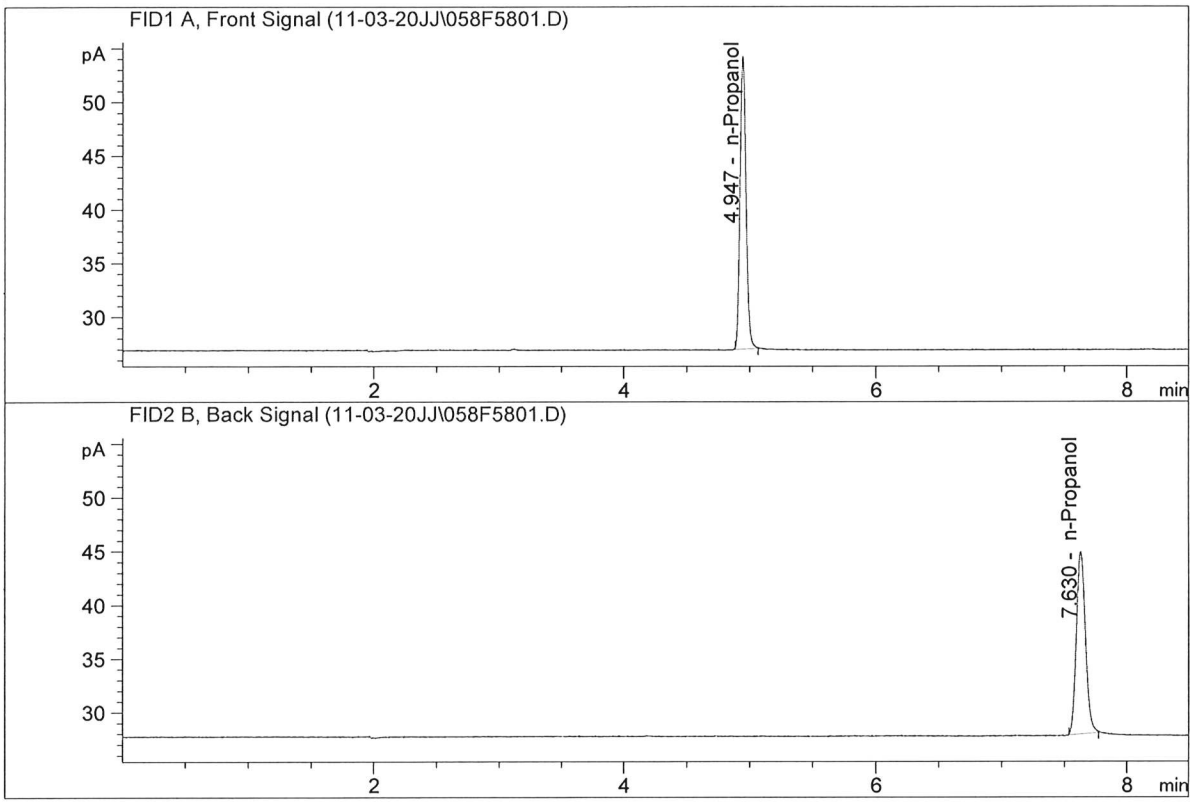


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	35.48111	0.2038	g/100cc
2.	Ethanol	Column 2:	35.30454	0.2016	g/100cc
3.	n-Propanol	Column 1:	91.37378	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.73249	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK-2
Laboratory : Coeur d' Alene
Injection Date : Nov 3, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

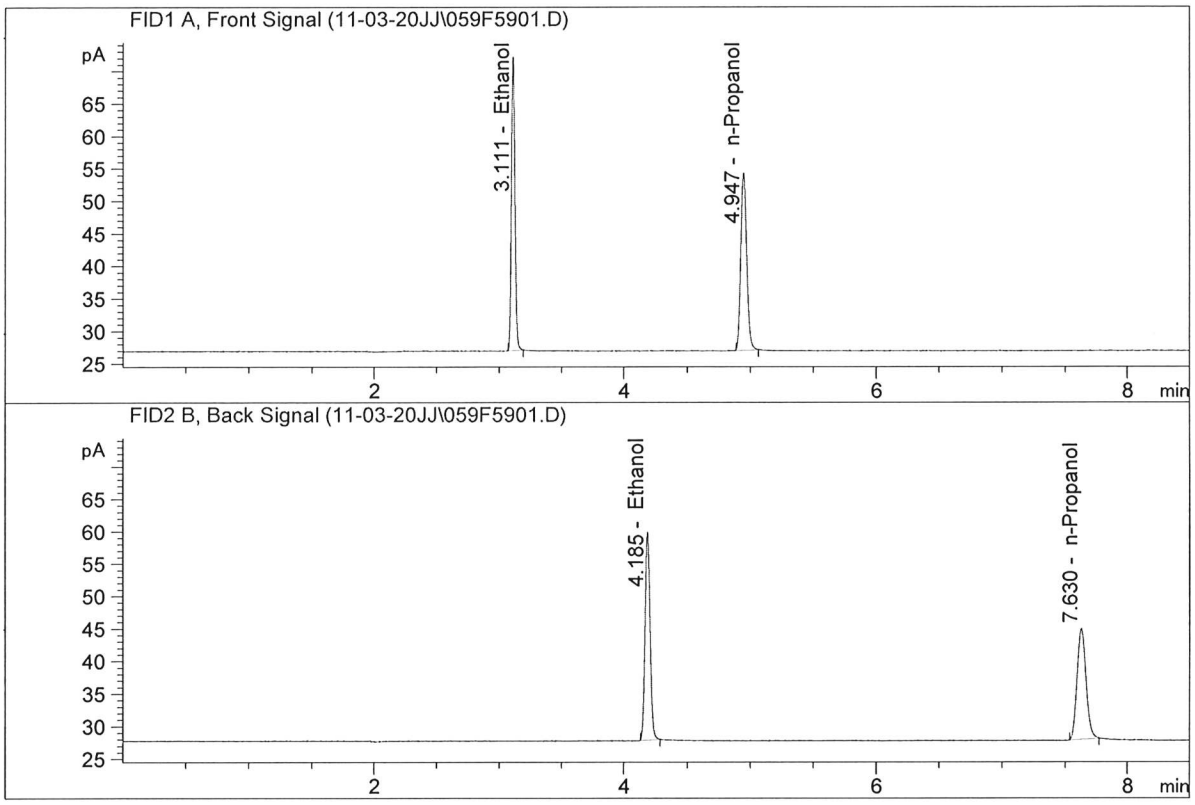


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	89.42670	1.0000	g/100cc
4.	n-Propanol	Column 2:	86.14153	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

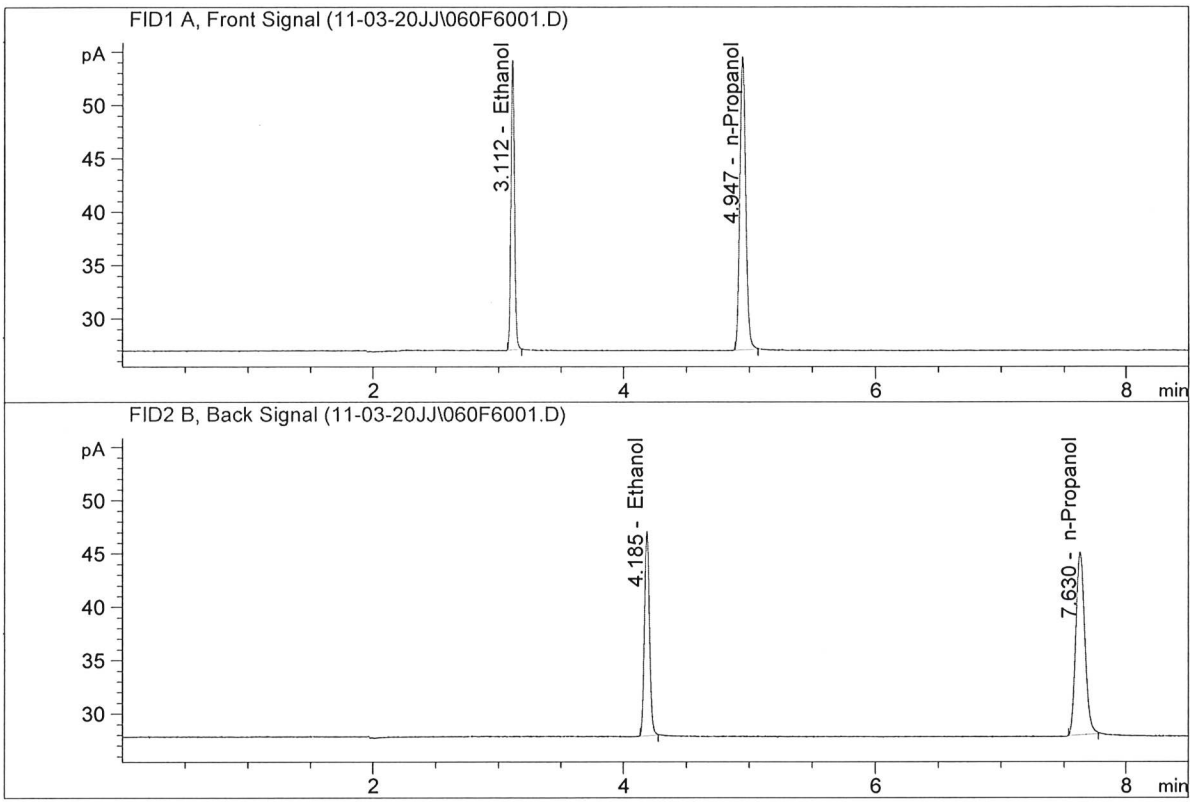
Sample Name : 0.500 CHECK
Laboratory : Coeur d' Alene
Injection Date : Nov 4, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	88.28487	0.5165	g/100cc
2.	Ethanol	Column 2:	88.38437	0.5162	g/100cc
3.	n-Propanol	Column 1:	89.70788	1.0000	g/100cc
4.	n-Propanol	Column 2:	85.79118	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

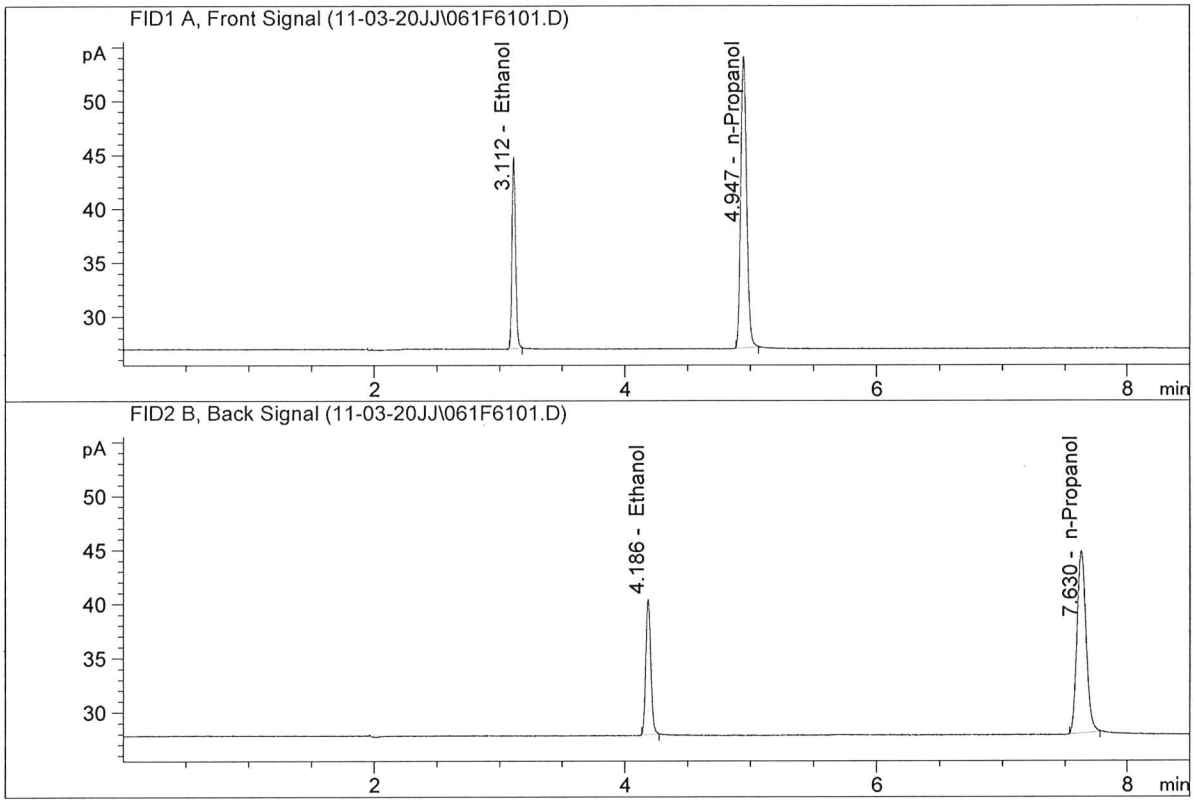
Sample Name : 0.300 CHECK
Laboratory : Coeur d' Alene
Injection Date : Nov 4, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	53.28067	0.3100	g/100cc
2.	Ethanol	Column 2:	53.24376	0.3088	g/100cc
3.	n-Propanol	Column 1:	90.20755	1.0000	g/100cc
4.	n-Propanol	Column 2:	86.38122	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 CHECK
Laboratory : Coeur d' Alene
Injection Date : Nov 4, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

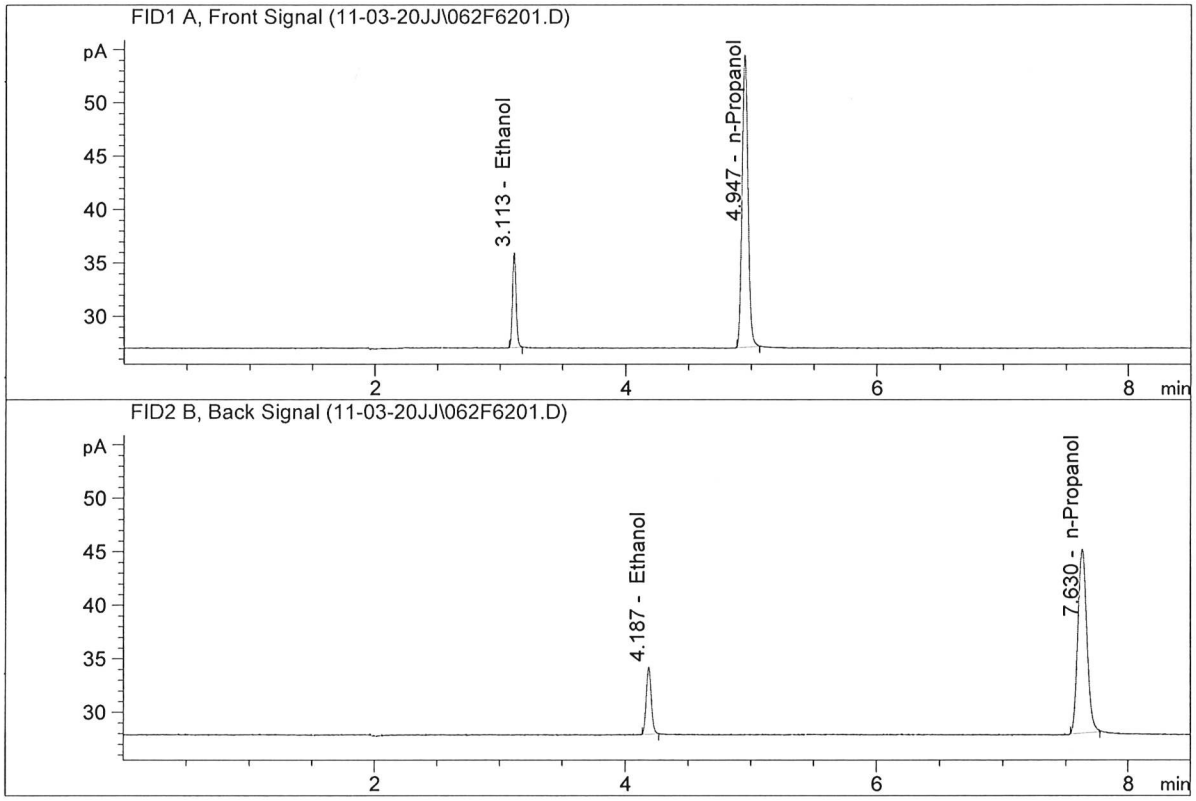


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	34.91402	0.2065	g/100cc
2.	Ethanol	Column 2:	34.79147	0.2042	g/100cc
3.	n-Propanol	Column 1:	88.72986	1.0000	g/100cc
4.	n-Propanol	Column 2:	85.37808	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 CHECK
Laboratory : Coeur d' Alene
Injection Date : Nov 4, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

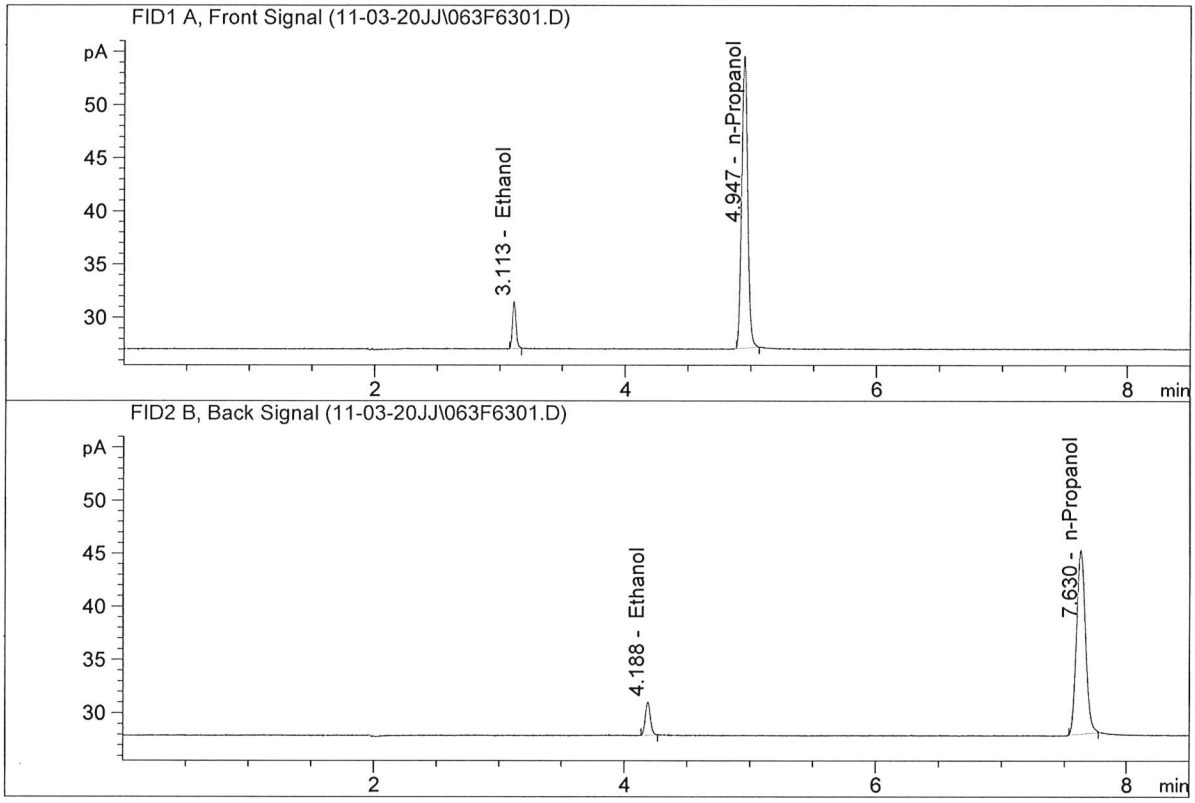


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.74063	0.1033	g/100cc
2.	Ethanol	Column 2:	17.60256	0.1016	g/100cc
3.	n-Propanol	Column 1:	90.14539	1.0000	g/100cc
4.	n-Propanol	Column 2:	86.82267	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 CHECK
Laboratory : Coeur d' Alene
Injection Date : Nov 4, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

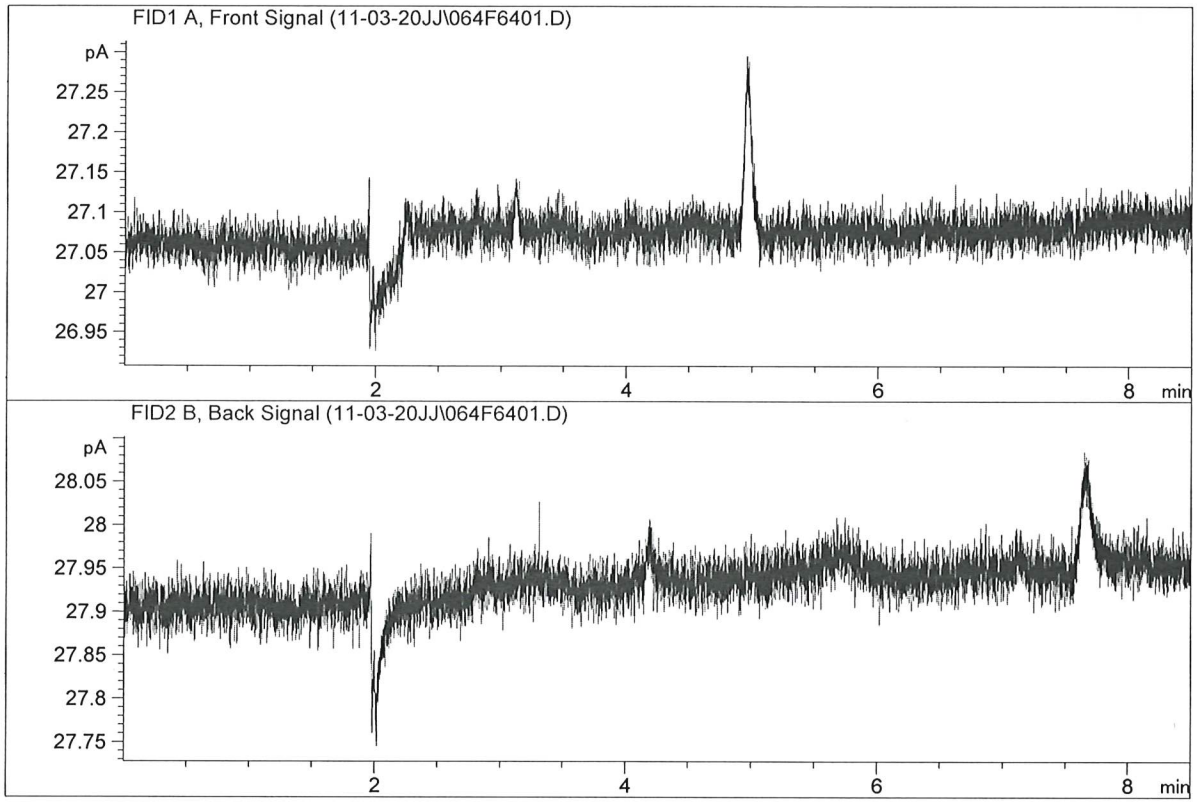


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.85131	0.0514	g/100cc
2.	Ethanol	Column 2:	8.71602	0.0501	g/100cc
3.	n-Propanol	Column 1:	90.39768	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.19360	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : water-2
Laboratory : Coeur d' Alene
Injection Date : Nov 4, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	0.00000	0.0000	g/100cc
4.	n-Propanol	Column 2:	0.00000	0.0000	g/100cc

99