Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20240214_MH		Analyst Review	Technical Review
BAC Summary	Verify batch name, instrument, analyst, UM%, and QC targets	✓	✓
	Verify Cal 1 obtained values and IS area counts	✓	✓
	Verify IS of all QCs and samples fall within acceptable area count range	✓	✓
BAC Batch Information	IS/calibrators/QCs lot numbers, expiration dates, and inventory numbers listed	✓	✓
	Confirm standards and/or reagents made in-house are verified	✓	✓
	Pipette(s) listed	✓	✓
Sequence(s)	Verify date is consistent with batch date	✓	✓
	Verify method used for all samples is correct, and all pages accounted for	✓	✓
	Reviewer verified, initialed, and dated sequence	✓	✓
Method	Verify correct method is included, and all pages accounted for	✓	✓
Performance Check	Verify air blank and PC are acceptable	✓	✓
Calibration Table & Curve	Verify date is consistent with calibration date, and all pages accounted for	✓	✓
	Verify R^2 values are acceptable for ethanol	✓	✓
Data	Verify calibrator area counts listed in the calibration table for ethanol	✓	✓
	Verify chromatography, retention time, and symmetry values are acceptable for ethanol	✓	✓
	Verify calibrators and QCs are within acceptable range for ethanol	✓	✓
	Verify all cases listed on BAC summary have data	✓	✓
	Verify barcodes match	✓	✓
Ethanol Confirmation Worksheet(s)	Verify aliquot values against data for all case samples	✓	✓
	Verify Reported Result and UM for all case samples	✓	✓
JTrax	Verify Reported Result and Reported UM against BAC Confirmation Worksheet(s) for all case samples	✓	✓
Verify QCs were added to QC log		✓	✓
All comments and/or strikethroughs, if any, initialed		✓	✓
All printed pages initialed		✓	✓
Total number of pages	143	✓	✓

Analyst Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2024.02.23 15:26:03 -06'00'

Date: 2/23/2024

Technical Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2024.02.29 12:37:10 -06'00'

Date: 2/29/2024

Batch Name: BAC_20240214_MH

Technical Review Notes

Batch info add RT next to Low QC date -KB 2/23/2024

BAC Summary Worksheet

Batch Name:	BAC_20240214_MH
Instrument:	BAC-1
Analyst:	Melissa Henry
UM%:	14.39
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		277.0836	256.4034
Acceptance Range	Min	249.3752	230.7631
	Max	304.7920	282.0438

Calibrators	Ethanol Obtained Value FID1	Ethanol Obtained Value FID2	Ethanol Average	% Difference Average & Target	% Difference FID1 & Average	% Difference FID2 & Average	IS Area Counts FID1	IS Area Counts FID2
0.010 g/100mL Calibrator	0.0102	0.0104	0.0103	3.00	-0.97	0.97	270.4359	250.9860
0.025 g/100mL Calibrator	0.0249	0.0248	0.0248	-0.80	0.40	0.00	278.5605	258.0940
0.050 g/100mL Calibrator	0.0504	0.0498	0.0501	0.20	0.60	-0.60	276.2452	255.8801
0.100 g/100mL Calibrator	0.0990	0.0985	0.0987	-1.30	0.30	-0.20	282.8251	261.5204
0.200 g/100mL Calibrator	0.1959	0.1953	0.1956	-2.20	0.15	-0.15	284.5895	263.2122
0.400 g/100mL Calibrator	0.4011	0.4016	0.4013	0.32	-0.05	0.07	270.6446	250.0429
0.500 g/100mL Calibrator	0.5038	0.5049	0.5043	0.86	-0.10	0.12	276.2844	255.0884

		Target	Acceptance Range Min	Acceptance Range Max
Calibrators	Level 1	0.0100	0.0090	0.0110
	Level 2	0.0250	0.0225	0.0275
	Level 3	0.0500	0.0450	0.0550
	Level 4	0.1000	0.0950	0.1050
	Level 5	0.2000	0.1900	0.2100
	Level 6	0.4000	0.3800	0.4200
	Level 7	0.5000	0.4750	0.5250

Controls	Ethanol Obtained Value FID1	Ethanol Obtained Value FID2	Ethanol Average	% Difference Average & Target	% Difference FID1 & Average	% Difference FID2 & Average	IS Area Counts FID1	IS Area Counts FID2
Negative	0.0000	0.0000	0.0000	-	-	-	276.9058	255.3396
High QC	0.4114	0.4127	0.4120	3.00	-0.15	0.17	264.4807	243.8277
Low QC	0.0811	0.0812	0.0811	1.38	0.00	0.12	267.2021	246.0407
Blood QC A	0.0784	0.0786	0.0785	0.90	-0.13	0.13	272.4521	250.9364
Blood QC B	0.1987	0.1992	0.1989	0.66	-0.10	0.15	273.1993	250.2608
Blood QC A	0.0804	0.0807	0.0805	3.47	-0.12	0.25	259.2628	236.7960
Blood QC B	0.2035	0.2048	0.2041	3.29	-0.29	0.34	256.1942	233.3635
Blood QC A	0.0797	0.0799	0.0798	2.57	-0.13	0.13	259.5663	236.6676
Blood QC B	0.2049	0.2066	0.2057	4.10	-0.39	0.44	256.3546	233.5345
Blood QC A	0.0801	0.0799	0.0800	2.83	0.13	-0.13	256.0523	233.3088
High QC	0.4132	0.4179	0.4155	3.87	-0.55	0.58	253.9033	231.4197
Low QC	0.0799	0.0788	0.0793	-0.88	0.76	-0.63	251.3271	232.1769
DI Water	0.0000	0.0000	0.0000	-	-	-	271.1603	247.2905

		Target	Acceptance Range Min	Acceptance Range Max
Controls	High QC	0.4000	0.3800	0.4200
	Low QC	0.0800	0.0760	0.0840
	Blood QC A	0.0778	0.0739	0.0817
	Blood QC B	0.1976	0.1877	0.2075

	Lab Number	Ethanol Obtained Value Alq1 FID1	Ethanol Obtained Value Alq1 FID2	Ethanol Obtained Value Alq2 FID1	Ethanol Obtained Value Alq2 FID2	Result	UM	% Difference FID & Average Alq1 FID1	Alq1 FID2	Alq 2 FID1	Alq2 FID2	IS Area Counts Alq1 FID1	IS Area Counts Alq1 FID2	IS Area Counts Alq2 FID1	IS Area Counts Alq2 FID2
1	**BCCL-22-1398_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	278.5094	256.5001	270.8664	247.6552
2	**BCCL-23-1435_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	279.2057	256.9206	273.6720	249.9048
3	**BCCL-23-1742_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	273.5436	251.5070	271.6003	248.3037
4	BCCL-23-1895_001	0.1211	0.1219	0.1284	0.1284	0.124	0.018	-3.08	-2.44	2.76	2.76	274.2942	252.2171	265.5831	242.7344
5	~~BCCL-23-2060_001~~	~~0.1545~~	~~0.1546~~	~~0.1750~~	~~0.1758~~	~~0.164~~	~~0.024~~	-6.35	-6.29	6.08	6.56	277.4736	254.8510	273.8878	250.2320
6	BCCL-23-2105_001	0.1816	0.1824	0.1896	0.1908	0.186	0.027	-2.42	-1.99	1.88	2.53	272.6180	250.4276	275.7345	251.8055
7	BCCL-23-2106_002	0.1986	0.1993	0.2070	0.2086	0.203	0.029	-2.35	-2.00	1.78	2.57	270.0179	247.7216	255.8769	233.6770
8	**BCCL-23-2141_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	275.5536	253.1181	259.9724	237.2038
9	BCCL-24-0001_001	0.1672	0.1672	0.1733	0.1738	0.170	0.024	-1.86	-1.86	1.72	2.01	267.3192	245.4455	265.8605	243.0205
10	~~BCCL-24-0003_001~~	~~0.3028~~	~~0.3042~~	~~0.3455~~	~~0.3488~~	~~0.325~~	~~0.047~~	-6.92	-6.49	6.20	7.22	266.4567	244.2929	270.5515	247.1625
11	BCCL-24-0014_001	0.1687	0.1687	0.1846	0.1857	0.176	0.025	-4.65	-4.65	4.34	4.96	271.7223	249.4490	255.5489	233.1522
12	~~BCCL-24-0015_001~~	~~0.2426~~	~~0.2430~~	~~0.2719~~	~~0.2734~~	~~0.257~~	~~0.037~~	-5.87	-5.71	5.50	6.08	275.0042	252.6878	251.4516	**229.7862**
13	~~BCCL-24-0023_001~~	~~0.1611~~	~~0.1612~~	~~0.1791~~	~~0.1801~~	~~0.170~~	~~0.024~~	-5.44	-5.39	5.12	5.71	273.7335	251.1582	268.7383	245.4585
14	BCCL-24-0024_001	0.1866	0.1868	0.1740	0.1744	0.180	0.026	3.41	3.52	-3.57	-3.35	275.8293	253.2624	268.2831	245.2433
15	**~~BCCL-24-0025_001~~**	~~0.0733~~	~~0.0729~~	~~0.0756~~	~~0.0753~~	~~0.074~~	~~0.011~~	-1.31	-1.85	1.78	1.38	272.5324	249.7487	**249.0477**	**227.1001**
16	~~BCCL-24-0031_001~~	~~0.1800~~	~~0.1801~~	~~0.1985~~	~~0.1997~~	~~0.189~~	~~0.027~~	-5.05	-5.00	4.71	5.34	266.7727	244.5696	260.1036	237.6311
17	BCCL-24-0032_001	0.1857	0.1863	0.1848	0.1856	0.185	0.027	0.05	0.38	-0.43	0.00	264.0730	241.8901	267.8240	244.6129
18	BCCL-24-0038_001	0.2414	0.2426	0.2463	0.2481	0.244	0.035	-1.31	-0.82	0.70	1.43	263.5543	241.2384	270.6568	247.1861
19	BCCL-24-0067_001	0.2557	0.2572	0.2633	0.2652	0.260	0.037	-1.79	-1.21	1.13	1.86	261.6222	239.0206	266.6259	243.2450
20	BCCL-24-0068_001	0.2080	0.2090	0.2232	0.2243	0.216	0.031	-3.76	-3.30	3.27	3.78	267.8706	245.1578	270.9658	247.4791
21	~~BCCL-24-0069_002~~	~~0.1682~~	~~0.1683~~	~~0.1511~~	~~0.1512~~	~~0.159~~	~~0.023~~	5.32	5.39	-5.39	-5.32	263.3583	241.2051	272.0931	248.7713
22	BCCL-24-0070_001	0.1401	0.1404	0.1422	0.1425	0.141	0.020	-0.85	-0.64	0.64	0.85	260.6695	237.8373	267.5788	244.0232
23	**BCCL-24-0088_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	260.2866	238.0213	262.7134	239.7654
24	BCCL-24-0094_003	0.2128	0.2139	0.2052	0.2059	0.209	0.030	1.60	2.12	-2.03	-1.69	274.0959	251.2485	280.9948	257.1505
25	BCCL-24-0191_001	0.1664	0.1672	0.1674	0.1679	0.167	0.024	-0.49	-0.01	0.10	0.40	279.8741	256.4344	277.4691	253.6370
26	**BCCL-24-0221_001**	0.0859	0.0857	0.0823	0.0821	0.084	0.012	2.26	2.02	-2.02	-2.26	274.3773	250.6398	254.7756	232.4223
27	BCCL-24-0221_002	0.2582	0.2594	0.2610	0.2629	0.260	0.037	-0.84	-0.37	0.24	0.97	270.7596	247.5970	267.9583	244.7586
28	BCCL-24-0221_003	0.3046	0.3072	0.3249	0.3269	0.315	0.045	-3.58	-2.75	2.85	3.48	258.7700	236.1036	270.6189	247.4184
29	BCCL-24-0221_004	0.2026	0.2036	0.1948	0.1960	0.199	0.029	1.68	2.18	-2.23	-1.63	271.7202	247.9808	263.1686	239.9082
30	BCCL-24-0232_001	0.1038	0.1037	0.0986	0.0985	0.101	0.015	2.62	2.52	-2.52	-2.62	269.1478	246.2713	274.5164	251.1689

2/16/2024 mh

2/16/2024 mh

2/16/2024 mh

Melissa Henry

Digitally signed by Melissa Henry
Date: 2024.02.20 08:53:05 -06'00'

BCCL ANALYTICAL WORKLIST

ANALYST: **Melissa Henry**

BAC_20240214_MH

Worklist ID: **F6TF3XHQER0BVN**

Case #	Evid #	Evid Type	Service
BCCL-22-1398	001	Blood	Alcohol
BCCL-23-1435	001	Blood	Alcohol
BCCL-23-1742	001	Blood	Alcohol
BCCL-23-1895	001	Blood	Alcohol
BCCL-23-2060	001	Blood	Alcohol
BCCL-23-2105	001	Blood	Alcohol
BCCL-23-2106	002	Blood	Alcohol
BCCL-23-2141	001	Blood	Alcohol
BCCL-24-0001	001	Blood	Alcohol
BCCL-24-0003	001	Blood	Alcohol
BCCL-24-0014	001	Blood	Alcohol
BCCL-24-0015	001	Blood	Alcohol
BCCL-24-0023	001 Box 2/14/24 mh	Blood	Alcohol

mh

BAC_20240214_MH

Case #	Evid #	Evid Type	Service
BCCL-24-0024	001	Blood	Alcohol
BCCL-24-0025	001	Blood	Alcohol
BCCL-24-0031	001	Blood	Alcohol
BCCL-24-0032	001	Blood	Alcohol
BCCL-24-0038	001	Blood	Alcohol
BCCL-24-0067	001	Blood	Alcohol
BCCL-24-0068	001	Blood	Alcohol
BCCL-24-0069	002	Blood	Alcohol
BCCL-24-0070	001	Blood	Alcohol
BCCL-24-0088	001	Blood	Alcohol
BCCL-24-0094	003	Blood	Alcohol
BCCL-24-0191	001	Blood	Alcohol
BCCL-24-0221	001	Blood	Alcohol
	002	Blood	Alcohol
	003	Blood	Alcohol
	004	Blood	Alcohol
BCCL-24-0232	001	Blood	Alcohol

mh

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC_20240214_MH **Analyst:** Melissa Henry **Instrument:** BAC-1

	Lot:	Expiration:	Inventory Number:
Cal 1	FN12272201	2/29/2028	S-23-5008D
Cal 2	FN03122112	3/31/2026	S-23-5002G
Cal 3	FN06171903	11/30/2024	S-22-049I
Cal 4	FN11172002	12/31/2025	S-22-050I
Cal 5	FN02052101	3/31/2026	S-22-052H
Cal 6	FN03052102	3/31/2026	S-22-054I
Cal 7	FN06262004	7/31/2025	S-23-5014A
High QC	30012020-A	1/31/2025	S-23-5001K
Low QC	SRM #2893a	RT: 1/9/2029	S-24-5000B
Blood QC A	2101199	2/23/2024 mh 2/28/2025	S-22-031C
Blood QC B	2110181	3/31/2026	S-23-5000BD 2/14/2024 mh
Internal Standard	N/A	4/18/2024	R-23-5004
Pipette(s)	5053, 205L		

Comments:

mh

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\1\SEQUENCE\2024\BAC_20240214_MH.S
Operator : Melissa Henry
Data File Naming : Auto
Data Directory : C:\Chem32\1\Data\
Data Subdirectory : 2024
Barcode Reader : used in Sequence
Barcode option : On barcode mismatch inject anyway
Shutdown Cmd/Macro : LOADMETHOD "C:\Chem32\1\methods\","shutdown.M"
Sequence Comment :
Part of Methods to run: According to Runtime Checklist
Update Master Method (Data Analysis parameters): No

SEQUENCE TABLE: verified by KB 2/14/2024

==========

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (24-0001)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 1

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Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (24-0002)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 2

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Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (24-0003)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 3

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Line : 4
Location : 4
Sample Information :
Sample Name : 0.100 g/100mL Cal (24-0004)
Method Name : BAC
Sample Type : Calibration

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mh

Calibration Level : 4

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Line : 5
Location : 5
Sample Information :
Sample Name : 0.200 g/100mL Cal (24-0005)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 5

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Line : 6
Location : 6
Sample Information :
Sample Name : 0.400 g/100mL Cal (24-0006)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 6

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Line : 7
Location : 7
Sample Information :
Sample Name : 0.500 g/100mL Cal (24-0007)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 7

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Line : 8
Location : 8
Sample Information :
Sample Name : Negative (24-0008)
Method Name : BAC
Sample Type : Sample

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Line : 9
Location : 9
Sample Information :
Sample Name : High QC (24-0009)
Method Name : BAC
Sample Type : Sample

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Line : 10
Location : 10
Sample Information :

Sample Name : Low QC (24-0010)
Method Name : BAC
Sample Type : Sample

Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (24-0011)
Method Name : BAC
Sample Type : Sample

Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-22-1398_001 (24-0012)
Method Name : BAC
Sample Type : Sample

Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-23-1435_001 (24-0013)
Method Name : BAC
Sample Type : Sample

Line : 14
Location : 14
Sample Information : Alq 1
Sample Name : BCCL-23-1742_001 (24-0014)
Method Name : BAC
Sample Type : Sample

Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-23-1895_001 (24-0015)
Method Name : BAC
Sample Type : Sample

Line : 16
Location : 16
Sample Information : Alq 1

Sample Name : BCCL-23-2060_001 (24-0016)
Method Name : BAC
Sample Type : Sample

Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-23-2105_001 (24-0017)
Method Name : BAC
Sample Type : Sample

Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-23-2106_002 (24-0018)
Method Name : BAC
Sample Type : Sample

Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-23-2141_001 (24-0019)
Method Name : BAC
Sample Type : Sample

Line : 20
Location : 20
Sample Information : Alq 1
Sample Name : BCCL-24-0001_001 (24-0020)
Method Name : BAC
Sample Type : Sample

Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-24-0003_001 (24-0021)
Method Name : BAC
Sample Type : Sample

Line : 22
Location : 22
Sample Information :

Sample Name : Blood QC B (24-0022)
Method Name : BAC
Sample Type : Sample

Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-24-0014_001 (24-0023)
Method Name : BAC
Sample Type : Sample

Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-24-0015_001 (24-0024)
Method Name : BAC
Sample Type : Sample

Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-24-0023_001 (24-0025)
Method Name : BAC
Sample Type : Sample

Line : 26
Location : 26
Sample Information : Alq 1
Sample Name : BCCL-24-0024_001 (24-0026)
Method Name : BAC
Sample Type : Sample

Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-24-0025_001 (24-0027)
Method Name : BAC
Sample Type : Sample

Line : 28
Location : 28
Sample Information : Alq 1

Sample Name : BCCL-24-0031_001 (24-0028)
Method Name : BAC
Sample Type : Sample

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Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-24-0032_001 (24-0029)
Method Name : BAC
Sample Type : Sample

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Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-24-0038_001 (24-0030)
Method Name : BAC
Sample Type : Sample

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Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-24-0067_001 (24-0031)
Method Name : BAC
Sample Type : Sample

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Line : 32
Location : 32
Sample Information : Alq 1
Sample Name : BCCL-24-0068_001 (24-0032)
Method Name : BAC
Sample Type : Sample

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Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (24-0033)
Method Name : BAC
Sample Type : Sample

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Line : 34
Location : 34
Sample Information : Alq 1

Sample Name : BCCL-24-0069_002 (24-0034)
Method Name : BAC
Sample Type : Sample

Line : 35
Location : 35
Sample Information : Alq 1
Sample Name : BCCL-24-0070_001 (24-0035)
Method Name : BAC
Sample Type : Sample

Line : 36
Location : 36
Sample Information : Alq 1
Sample Name : BCCL-24-0088_001 (24-0036)
Method Name : BAC
Sample Type : Sample

Line : 37
Location : 37
Sample Information : Alq 1
Sample Name : BCCL-24-0094_003 (24-0037)
Method Name : BAC
Sample Type : Sample

Line : 38
Location : 38
Sample Information : Alq 1
Sample Name : BCCL-24-0191_001 (24-0038)
Method Name : BAC
Sample Type : Sample

Line : 39
Location : 39
Sample Information : Alq 1
Sample Name : BCCL-24-0221_001 (24-0039)
Method Name : BAC
Sample Type : Sample

Line : 40
Location : 40
Sample Information : Alq 1

Sample Name : BCCL-24-0221_002 (24-0040)
Method Name : BAC
Sample Type : Sample

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Line : 41
Location : 41
Sample Information : Alq 1
Sample Name : BCCL-24-0221_003 (24-0041)
Method Name : BAC
Sample Type : Sample

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Line : 42
Location : 42
Sample Information : Alq 1
Sample Name : BCCL-24-0221_004 (24-0042)
Method Name : BAC
Sample Type : Sample

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Line : 43
Location : 43
Sample Information : Alq 1
Sample Name : BCCL-24-0232_001 (24-0043)
Method Name : BAC
Sample Type : Sample

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Line : 44
Location : 44
Sample Information :
Sample Name : Blood QC B (24-0044)
Method Name : BAC
Sample Type : Sample

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Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-24-0232_001 (24-0045)
Method Name : BAC
Sample Type : Sample

==========

Line : 46
Location : 46
Sample Information : Alq 2

Sample Name : BCCL-24-0221_004 (24-0046)
Method Name : BAC
Sample Type : Sample

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-24-0221_003 (24-0047)
Method Name : BAC
Sample Type : Sample

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-24-0221_002 (24-0048)
Method Name : BAC
Sample Type : Sample

Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-24-0221_001 (24-0049)
Method Name : BAC
Sample Type : Sample

Line : 50
Location : 50
Sample Information : Alq 2
Sample Name : BCCL-24-0191_001 (24-0050)
Method Name : BAC
Sample Type : Sample

Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-24-0094_003 (24-0051)
Method Name : BAC
Sample Type : Sample

Line : 52
Location : 52
Sample Information : Alq 2

Sample Name : BCCL-24-0088_001 (24-0052)
Method Name : BAC
Sample Type : Sample

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-24-0070_001 (24-0053)
Method Name : BAC
Sample Type : Sample

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-24-0069_002 (24-0054)
Method Name : BAC
Sample Type : Sample

Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (24-0055)
Method Name : BAC
Sample Type : Sample

Line : 56
Location : 56
Sample Information : Alq 2
Sample Name : BCCL-24-0068_001 (24-0056)
Method Name : BAC
Sample Type : Sample

Line : 57
Location : 57
Sample Information : Alq 2
Sample Name : BCCL-24-0067_001 (24-0057)
Method Name : BAC
Sample Type : Sample

Line : 58
Location : 58
Sample Information : Alq 2

Sample Name : BCCL-24-0038_001 (24-0058)
Method Name : BAC
Sample Type : Sample

Line : 59
Location : 59
Sample Information : Alq 2
Sample Name : BCCL-24-0032_001 (24-0059)
Method Name : BAC
Sample Type : Sample

Line : 60
Location : 60
Sample Information : Alq 2
Sample Name : BCCL-24-0031_001 (24-0060)
Method Name : BAC
Sample Type : Sample

Line : 61
Location : 61
Sample Information : Alq 2
Sample Name : BCCL-24-0025_001 (24-0061)
Method Name : BAC
Sample Type : Sample

Line : 62
Location : 62
Sample Information : Alq 2
Sample Name : BCCL-24-0024_001 (24-0062)
Method Name : BAC
Sample Type : Sample

Line : 63
Location : 63
Sample Information : Alq 2
Sample Name : BCCL-24-0023_001 (24-0063)
Method Name : BAC
Sample Type : Sample

Line : 64
Location : 64
Sample Information : Alq 2

mh

Sample Name : BCCL-24-0015_001 (24-0064)
Method Name : BAC
Sample Type : Sample

==========

Line : 65
Location : 65
Sample Information : Alq 2
Sample Name : BCCL-24-0014_001 (24-0065)
Method Name : BAC
Sample Type : Sample

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Line : 66
Location : 66
Sample Information :
Sample Name : Blood QC B (24-0066)
Method Name : BAC
Sample Type : Sample

==========

Line : 67
Location : 67
Sample Information : Alq 2
Sample Name : BCCL-24-0003_001 (24-0067)
Method Name : BAC
Sample Type : Sample

==========

Line : 68
Location : 68
Sample Information : Alq 2
Sample Name : BCCL-24-0001_001 (24-0068)
Method Name : BAC
Sample Type : Sample

==========

Line : 69
Location : 69
Sample Information : Alq 2
Sample Name : BCCL-23-2141_001 (24-0069)
Method Name : BAC
Sample Type : Sample

==========

Line : 70
Location : 70
Sample Information : Alq 2

Sample Name : BCCL-23-2106_002 (24-0070)
Method Name : BAC
Sample Type : Sample

Line : 71
Location : 71
Sample Information : Alq 2
Sample Name : BCCL-23-2105_001 (24-0071)
Method Name : BAC
Sample Type : Sample

Line : 72
Location : 72
Sample Information : Alq 2
Sample Name : BCCL-23-2060_001 (24-0072)
Method Name : BAC
Sample Type : Sample

Line : 73
Location : 73
Sample Information : Alq 2
Sample Name : BCCL-23-1895_001 (24-0073
Method Name : BAC
Sample Type : Sample

Line : 74
Location : 74
Sample Information : Alq 2
Sample Name : BCCL-23-1742_001 (24-0074)
Method Name : BAC
Sample Type : Sample

Line : 75
Location : 75
Sample Information : Alq 2
Sample Name : BCCL-23-1435_001 (24-0075)
Method Name : BAC
Sample Type : Sample

Line : 76
Location : 76
Sample Information : Alq 2

Sample Name : BCCL-22-1398_001 (24-0076)
Method Name : BAC
Sample Type : Sample

==========

Line : 77
Location : 77
Sample Information :
Sample Name : Blood QC A (24-0077)
Method Name : BAC
Sample Type : Sample

==========

Line : 78
Location : 78
Sample Information :
Sample Name : High QC (24-0078)
Method Name : BAC
Sample Type : Sample

==========

Line : 79
Location : 79
Sample Information :
Sample Name : Low QC (24-0079)
Method Name : BAC
Sample Type : Sample

==========

Line : 80
Location : 80
Sample Information :
Sample Name : DI Water (24-0080)
Method Name : BAC
Sample Type : Sample

==========

method: C:\CHEM32\1\METHODS\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

Method Information

Method: C:\CHEM32\1\METHODS\BAC.M
Modified: 2/14/2024 at 8:32:23 AM

Run Time Checklist

Pre-Run Cmd/Macro:	off
Data Acquisition:	on
Standard Data Analysis:	on
Customized Data Analysis:	off
Save GLP Data:	off
Post-Run Cmd/Macro:	off
Save Method with Data:	on

Injection Source and Location

Injection Source:	HS 10.11.30.56
Injection Location:	GC Front

method: C:\CHEM32\1\METHODS\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

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Agilent 7697A

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Agilent 7697A
Instrument Info

Address:	10.11.30.56
Serial Number:	CN18320011
Firmware Revision:	A.01.08

Instrument Settings

Vial Pressurization Gas:	Helium
Loop Size (mL):	1
Keyboard Lock:	ON
Transfer Line Type:	Fused Silica
Transfer Line Diameter (mm):	0.53

System Configuration

Carrier Control:	GC Instrument

Resource Conservation

Vial Standby Flow (mL/min):	20

Temperature Settings:

Oven Temperature (°C):	70
Loop Temperature (°C):	70
Transfer Line Temperature (°C):	90

Timing Settings:

Vial Equilibration (min):	7.00
Injection Duration (min):	0.50
GC Cycle Time (min):	4.50

Vial and Loop Settings:

Vial Size:	20
Vial Shaking:	OFF
Fill Mode:	Default
Fill Pressure (psi):	10
Loop Fill Mode:	Custom
Loop Ramp Rate (psi/min):	30
Loop Final Pressure (psi):	1
Loop Equilibration Time:	0.05

Carrier Settings:

Carrier Control Mode:	GC controls Carrier

Advanced Settings:

Extraction Mode:	Single Extraction
Vent After Extraction:	ON
Post Injection Purge:	200 mL/min for 3 min
Acceptable Leak Check:	Default, 0.2mL/min
Barcode Symbology:	Enable All
Barcode Checksum:	OFF

method: C:\CHEM32\1\METHODS\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

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Agilent 7890A

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GC	
GC Summary	
Run Time	4 min
Post Run Time	0 min
Oven	
Equilibration Time	3 min
Max Temperature	260 °C
Maximum Temperature Override	Disabled
Slow Fan	Disabled
Temperature	
Setpoint	On
(Initial)	40 °C
Hold Time	4 min
Post Run	50 °C
Front SS Inlet He	
Mode	Split
Heater	On 110 °C
Pressure	On 24 psi
Total Flow	On 79.947 mL/min
Septum Purge Flow	On 3 mL/min
Gas Saver	Off
Split Ratio	10 :1
Split Flow	69.952 mL/min
Column	
Column Outlet Pressure	0 psi
Column #1	
Column Information	Agilent 123-9134
DB-ALC1	
Temperature Range	-60 °C—260 °C (260 °C)
Dimensions	30 m x 320 µm x 1.8 µm
In	Front SS Inlet He
Out	Front Detector FID
(Initial)	40 °C
Pressure	24 psi
Flow	6.9952 mL/min
Average Velocity	80.325 cm/sec
Holdup Time	0.62247 min
Pressure	
Setpoint	On
(Initial)	24 psi
Post Run	9.4366 psi
Column #2	
Column Information	Agilent 123-9234
DB-ALC2	
Temperature Range	-60 °C—260 °C (260 °C)

method: C:\CHEM32\1\METHODS\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

Dimensions	30 m x 320 µm x 1.2 µm
In	Front SS Inlet He
Out	Back Detector FID
(Initial)	40 °C
Pressure	24 psi
Flow	7.1019 mL/min
Average Velocity	80.935 cm/sec
Holdup Time	0.61778 min
Pressure	
Setpoint	On
(Initial)	24 psi
Post Run	9.4366 psi

Front Detector FID	
Makeup	N2
Heater	On 250 °C
H2 Flow	On 30 mL/min
Air Flow	On 400 mL/min
Makeup Flow	On 25 mL/min
Carrier Gas Flow Correction	Does not affect Makeup or Fuel Flow
Flame	On

Back Detector FID	
Makeup	N2
Column Compensation	Signal is modified by Column Compensation Curve #2
Heater	On 250 °C
H2 Flow	On 30 mL/min
Air Flow	On 400 mL/min
Makeup Flow	On 25 mL/min
Carrier Gas Flow Correction	Does not affect Makeup or Fuel Flow
Flame	On

Aux EPC 1,2,3	
Aux EPC 1 He	
	Excluded from Affecting GC's Readiness State
Pressure	
Setpoint	Off
(Initial)	10 psi
Post Run	0 psi

Aux EPC 2 He	
	Excluded from Affecting GC's Readiness State
Pressure	
Setpoint	Off
(Initial)	10 psi
Post Run	0 psi

Aux EPC 3 He	
	Excluded from Affecting GC's Readiness State
Pressure	
Setpoint	Off
(Initial)	10 psi
Post Run	0 psi

method: C:\CHEM32\1\METHODS\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

Signals
Signal #1: Front Signal

Description	Front Signal
Details	Front Signal (FID)
Save	On
Data Rate	20 Hz

Signal #2: Back Signal

Description	Back Signal
Details	Back Signal (FID)
Save	On
Data Rate	20 Hz

Signal #3: Test Plot

Description	Test Plot
Details	
Save	Off
Data Rate	50 Hz

Signal #4: Test Plot

Description	Test Plot
Details	
Save	Off
Data Rate	50 Hz

The Data Analysis Parameters of the used Method are :

Integration Events

Non signal specific Integration Events

Event	Value
Tangent Skim Mode	Standard
Tail Peak Skim Height Ratio	0.000
Front Peak Skim Height Ratio	0.000
Skim Valley Ratio	20.000
Baseline Correction	Classical
Peak to Valley Ratio	500.000

method: C:\CHEM32\1\METHODS\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

Default Integration Event Table "Event"

Event	Value	Time
Initial Slope Sensitivity	1.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.700	Initial
Initial Shoulders	OFF	Initial

Detector Default Integration Event Table "Event_ADC"

Event	Value	Time
Initial Slope Sensitivity	20.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial

Detector Default Integration Event Table "Event_TCD"

Event	Value	Time
Initial Slope Sensitivity	100.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial
Solvent Peak Slope	250000.000	0.000

Detector Default Integration Event Table "Event_ECD"

Event	Value	Time
Initial Slope Sensitivity	100.000	Initial
Initial Peak Width	0.080	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial
Solvent Peak Slope	0.000	0.000

method: C:\CHEM32\1\METHODS\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

Detector Default Integration Event Table "Event_NPD"

Event	Value	Time
Initial Slope Sensitivity	500.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial
Solvent Peak Slope	0.000	0.000

Detector Default Integration Event Table "Event_FPD"

Event	Value	Time
Initial Slope Sensitivity	50.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial
Solvent Peak Slope	0.000	0.000

Detector Default Integration Event Table "Event_uECD"

Event	Value	Time
Initial Slope Sensitivity	500.000	Initial
Initial Peak Width	0.080	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial
Solvent Peak Slope	0.000	0.000

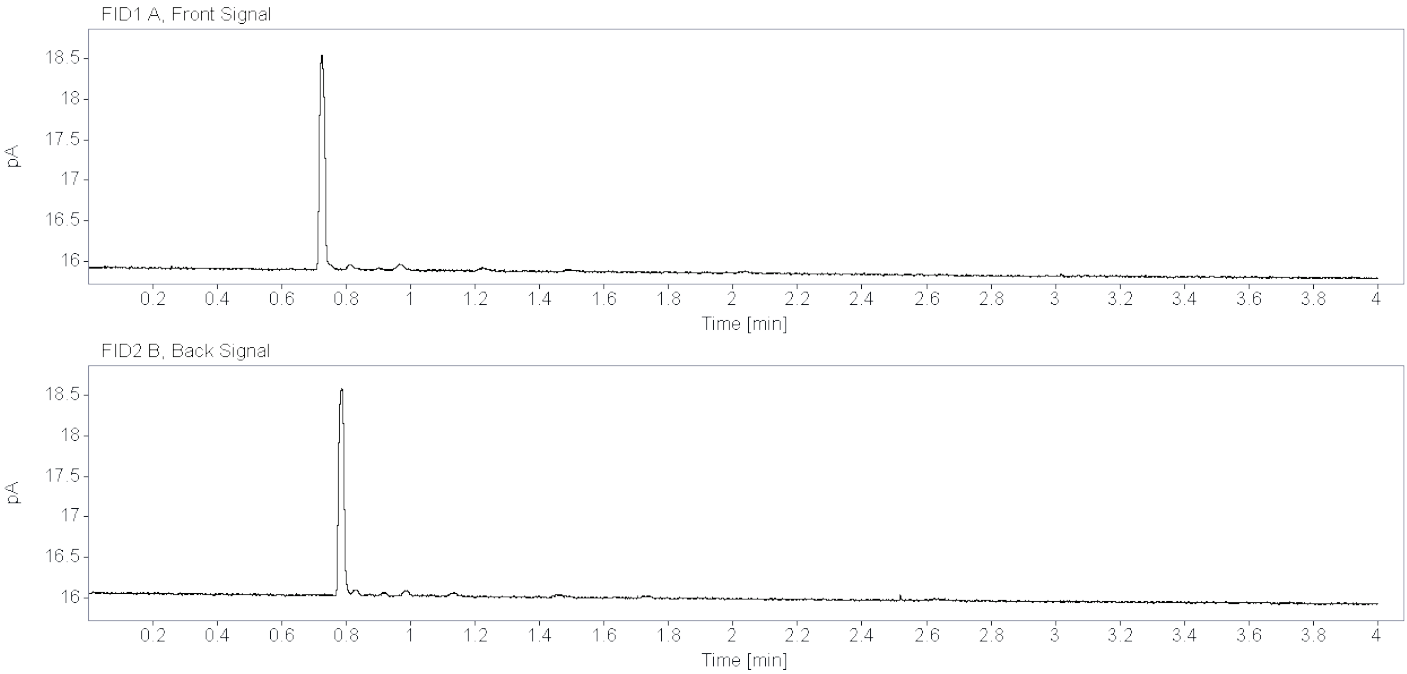
Detector Default Integration Event Table "Event_FID"

Event	Value	Time
Initial Slope Sensitivity	50.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	2.000	Initial
Initial Height Reject	2.000	Initial
Initial Shoulders	OFF	Initial

Apply Method's Manual Integration Events: No

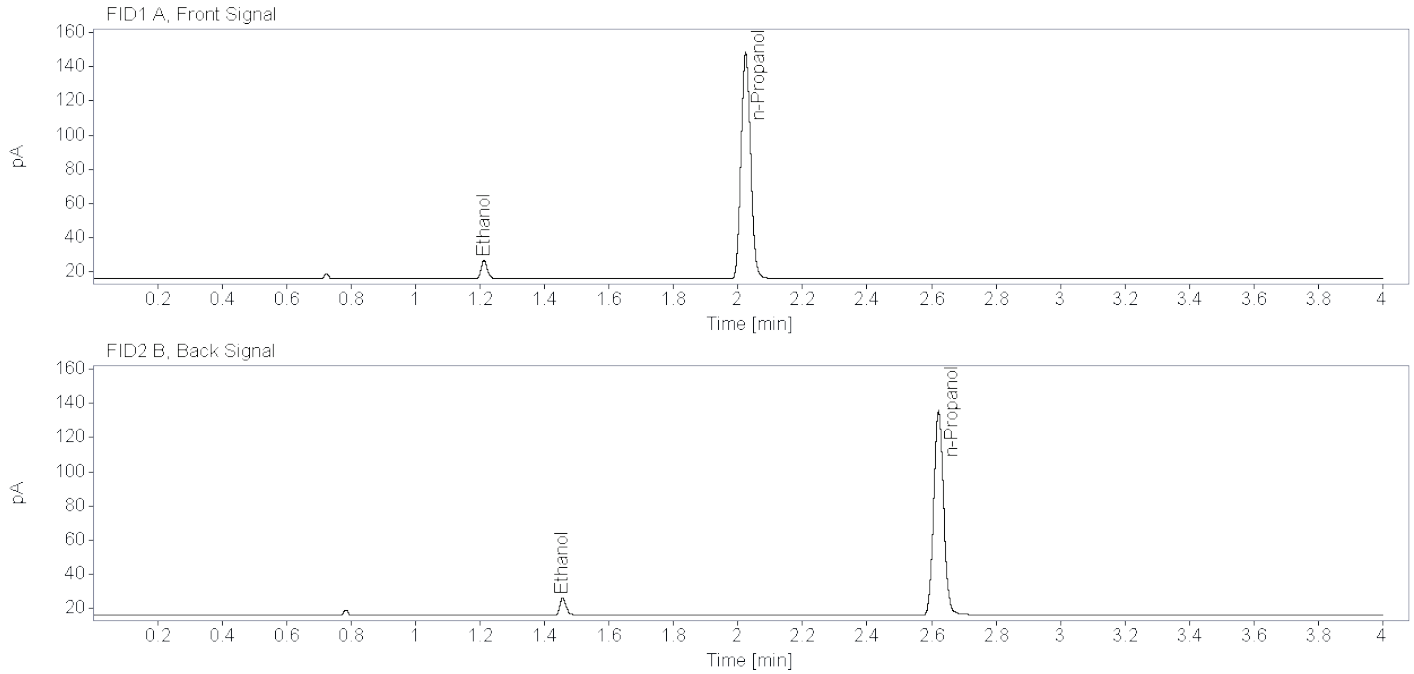
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 8:20:05 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240214PC_MH 2024-02-14 08-10-09\001F0101.D



Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: PC **Description:** **Sample Barcode** **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 8:24:49 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240214PC_MH 2024-02-14 08-10-09\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80062	1.213	1.206	14.6141	0.0109
n-Propanol	0.89138	2.024	2.023	272.4270	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78553	1.457	1.450	13.6982	0.0108
n-Propanol	0.91606	2.622	2.623	254.4086	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 2/15/2024 8:52:49 AM
Signals calculated separately : No

Rel. Reference Window : 2.000 %
Abs. Reference Window : 0.000 min
Rel. Non-ref. Window : 2.000 %
Abs. Non-ref. Window : 0.000 min
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Ignored
Weight : Linear (Resp)

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)

Sample ISTD Information:

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

Signal Details

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

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD	#	Compound
1.209	1	1	1.00000e-2	14.31087	6.98769e-4	No	No	1	Ethanol
		2	2.50000e-2	37.15141	6.72922e-4				
		3	5.00000e-2	75.48377	6.62394e-4				
		4	1.00000e-1	152.73518	6.54728e-4				
		5	2.00000e-1	304.95074	6.55844e-4				
		6	4.00000e-1	594.55371	6.72774e-4				
		7	5.00000e-1	762.58276	6.55667e-4				
1.453	2	1	1.00000e-2	13.12081	7.62148e-4	No	No	2	Ethanol
		2	2.50000e-2	34.25211	7.29882e-4				
		3	5.00000e-2	69.84557	7.15865e-4				
		4	1.00000e-1	142.58327	7.01345e-4				
		5	2.00000e-1	286.05722	6.99161e-4				
		6	4.00000e-1	560.31152	7.13889e-4				
		7	5.00000e-1	718.96936	6.95440e-4				
2.023	1	1	1.00000e-2	270.43591	3.69773e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	278.56052	3.58988e-5				
		3	1.00000e-2	276.24524	3.61997e-5				
		4	1.00000e-2	282.82510	3.53575e-5				
		5	1.00000e-2	284.58954	3.51383e-5				
		6	1.00000e-2	270.64459	3.69488e-5				
		7	1.00000e-2	276.28442	3.61946e-5				
2.621	2	1	1.00000e-2	250.98598	3.98429e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	258.09399	3.87456e-5				
		3	1.00000e-2	255.88011	3.90808e-5				
		4	1.00000e-2	261.52042	3.82379e-5				
		5	1.00000e-2	263.21219	3.79922e-5				
		6	1.00000e-2	250.04288	3.99931e-5				
		7	1.00000e-2	255.08844	3.92021e-5				

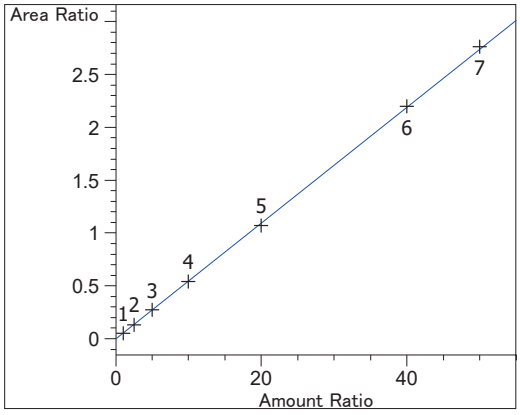
Peak Sum Table

No Entries in table

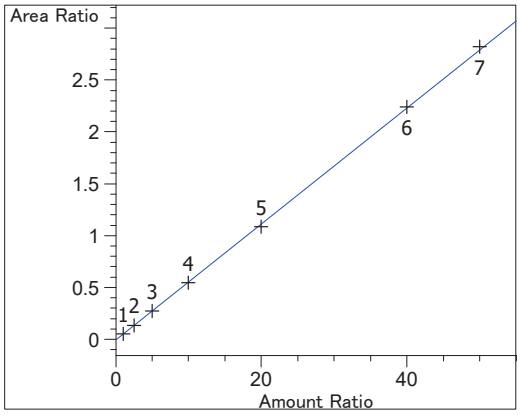
3 Warnings or Errors :

Warning : Curve requires more calibration points., (n-Propanol)
Warning : Curve requires more calibration points. at 2.023 min, signal 1
Warning : Curve requires more calibration points. at 2.621 min, signal 2

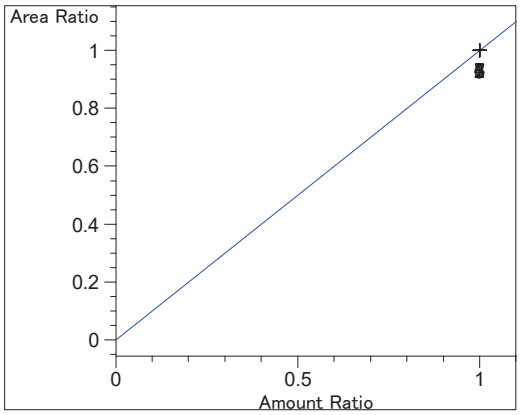
Calibration Curves



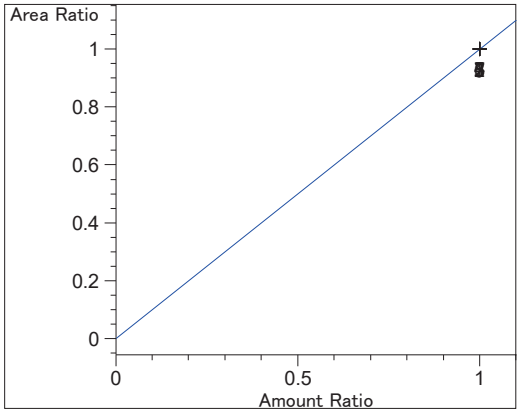
Ethanol at exp. RT: 1.209
FID1 A, Front Signal
Correlation: 0.99993
Residual Std. Dev.: 0.01415
Formula: y = mx + b
m: 5.48492e-2
b: -2.97096e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.396777
Level 3 : 0.193661
Level 4 : 0.09799
Level 5 : 0.049385
Level 6 : 0.024089
Level 7 : 0.019172



Ethanol at exp. RT: 1.453
FID2 B, Back Signal
Correlation: 0.99990
Residual Std. Dev.: 0.01783
Formula: y = mx + b
m: 5.59414e-2
b: -5.75834e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.393914
Level 3 : 0.191518
Level 4 : 0.095884
Level 5 : 0.048102
Level 6 : 0.023329
Level 7 : 0.018548



n-Propanol at exp. RT: 2.023
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

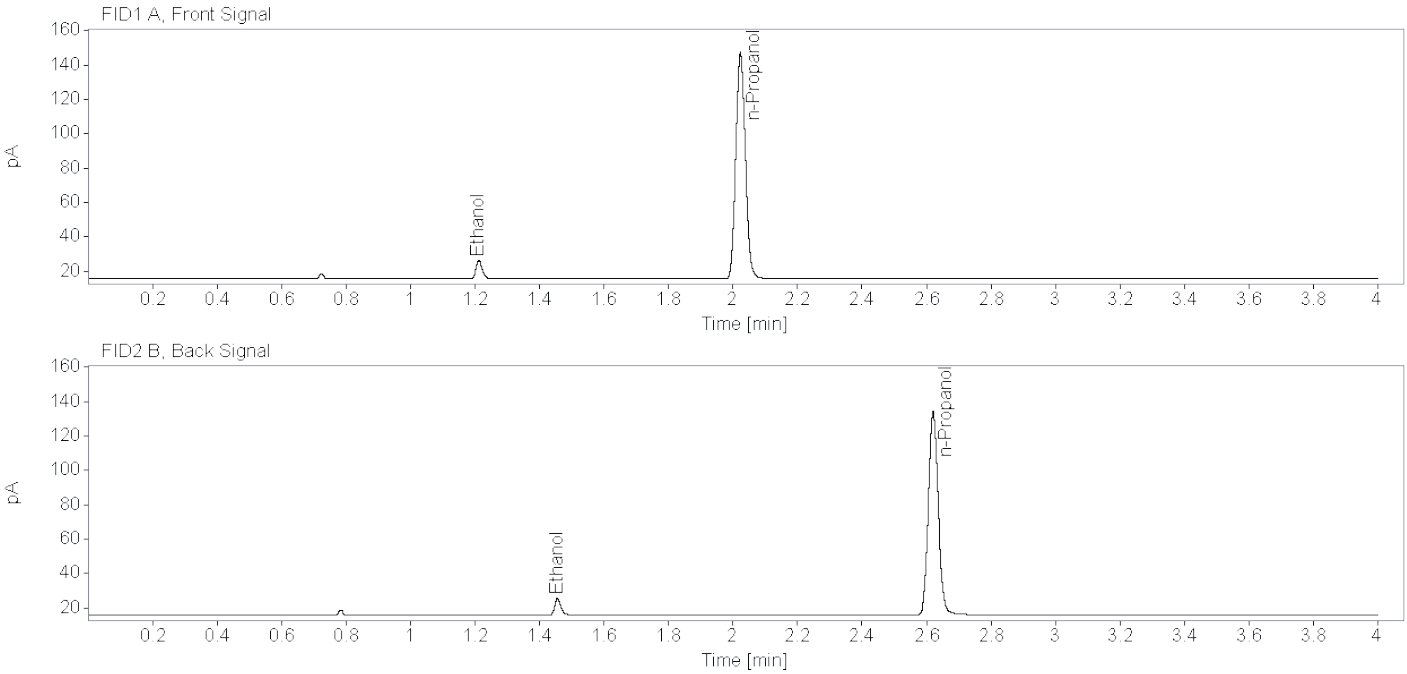


n-Propanol at exp. RT: 2.621
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

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Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (24-0001) **Description:** **Sample Barcode** 24-0001 **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 11:28:48 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\001F0101.D



Name FID1A

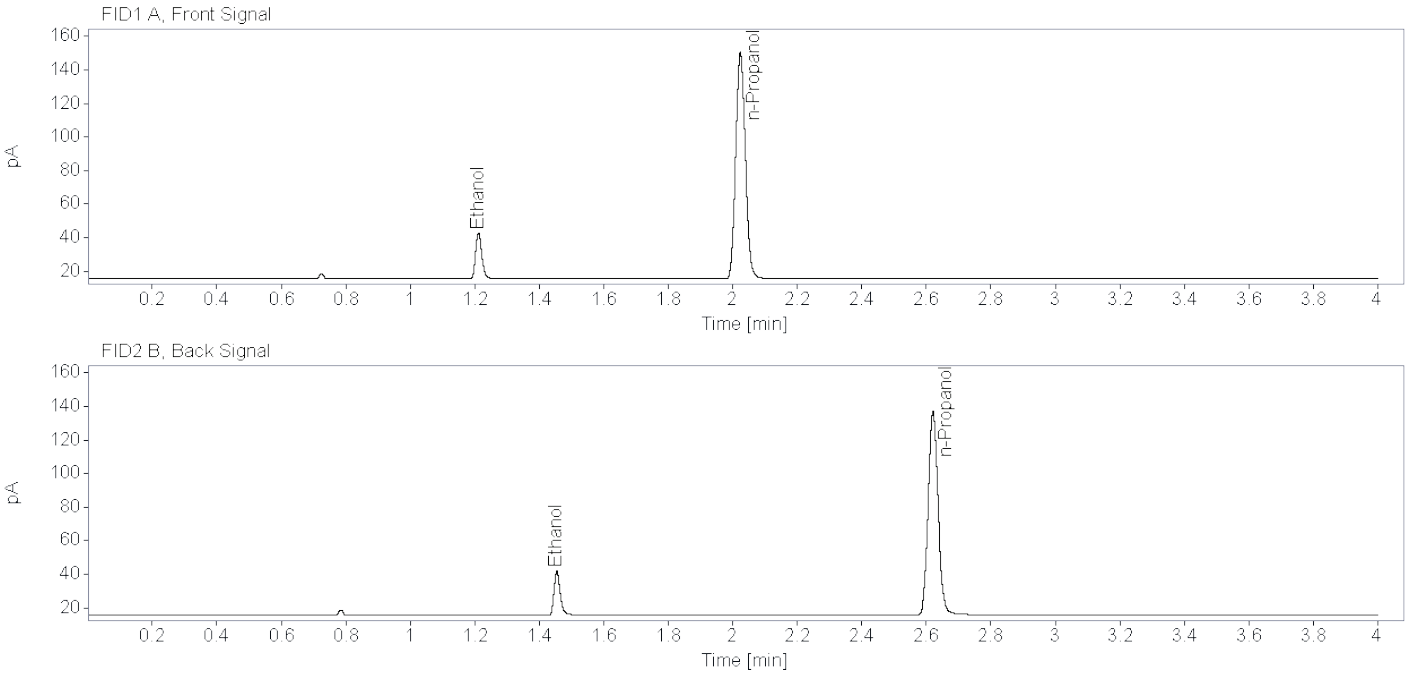
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78876	1.212	1.212	14.3109	0.0102
n-Propanol	0.87998	2.023	2.023	270.4359	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76969	1.456	1.456	13.1208	0.0104
n-Propanol	0.90283	2.621	2.621	250.9860	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (24-0002) **Description:** **Sample Barcode** 24-0002 **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 11:33:31 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\002F0201.D



Name FID1A

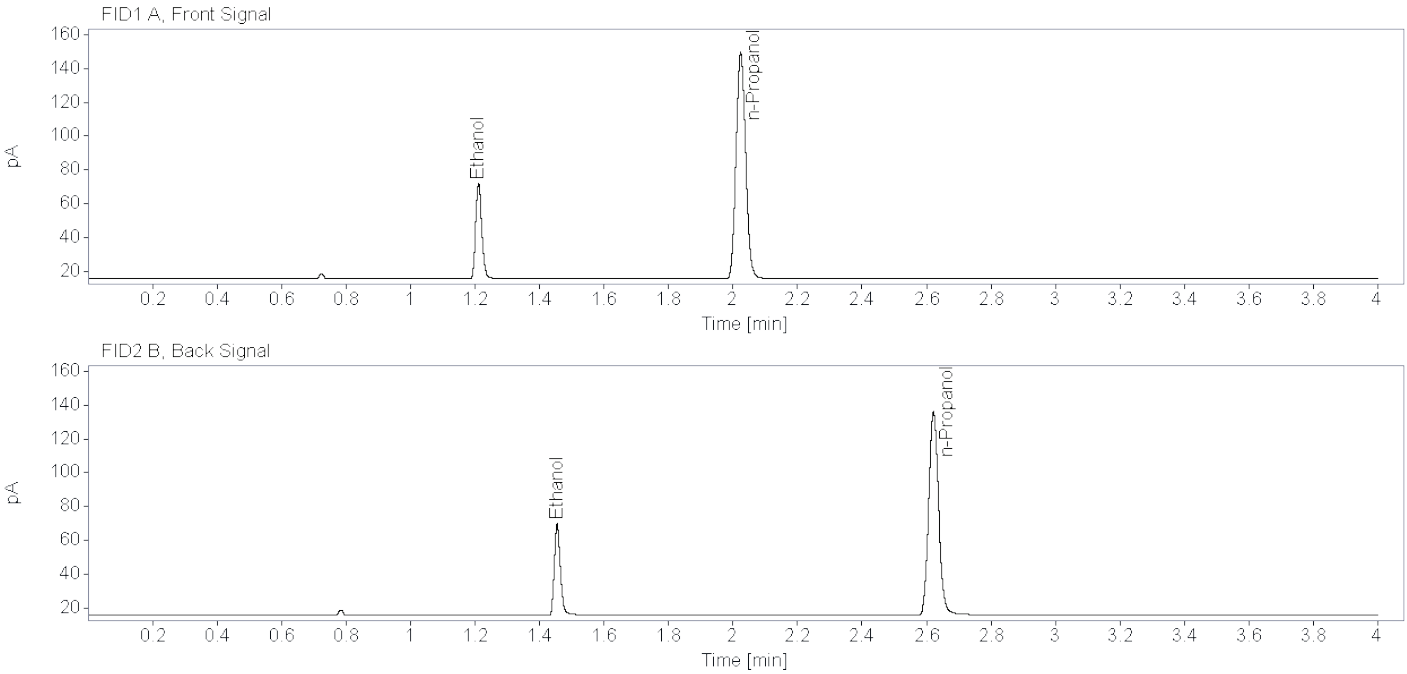
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82507	1.212	1.212	37.1514	0.0249
n-Propanol	0.87763	2.024	2.024	278.5605	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77305	1.455	1.455	34.2521	0.0248
n-Propanol	0.90412	2.621	2.621	258.0940	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (24-0003) **Description:** **Sample Barcode** 24-0003 **Vial Number:** 3
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 11:39:13 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\003F0301.D



Name FID1A

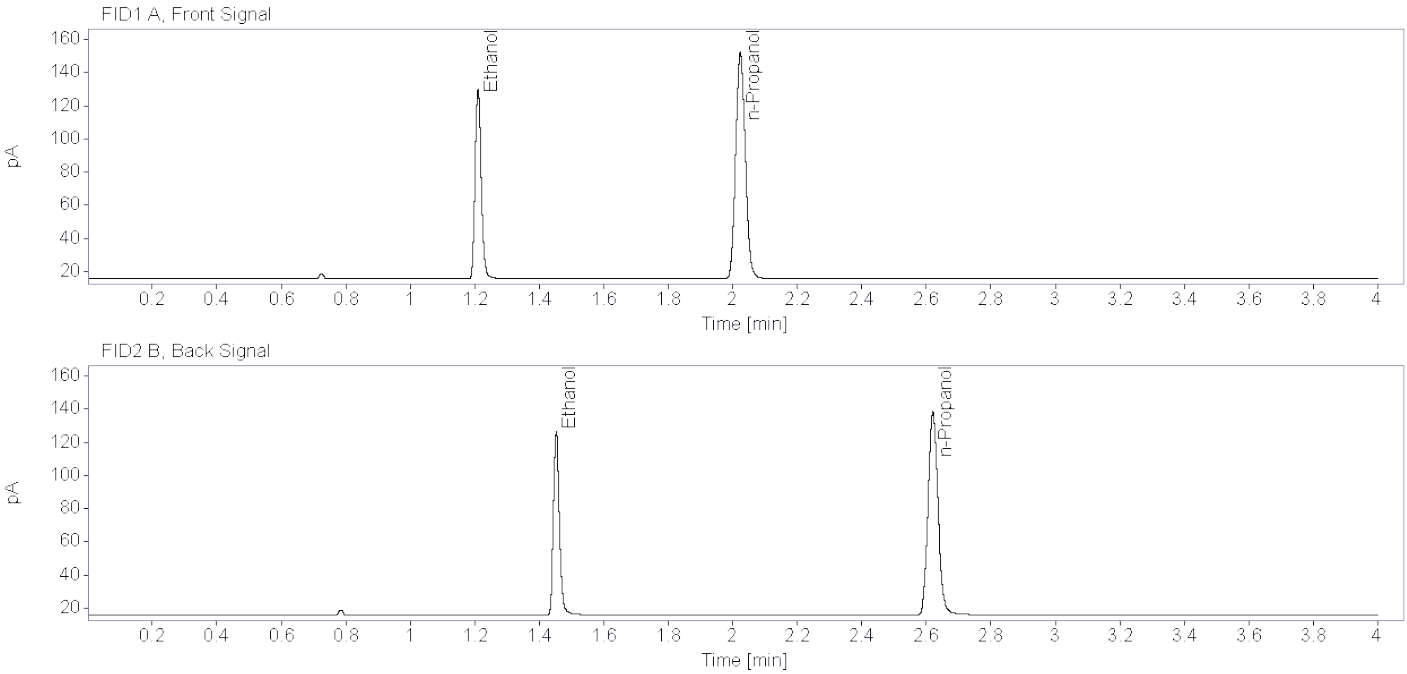
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83587	1.211	1.211	75.4838	0.0504
n-Propanol	0.88781	2.024	2.024	276.2452	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79026	1.455	1.455	69.8456	0.0498
n-Propanol	0.89770	2.622	2.622	255.8801	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (24-0004) **Description:** **Sample Barcode** 24-0004 **Vial Number:** 4
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 11:43:55 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\004F0401.D



Name FID1A

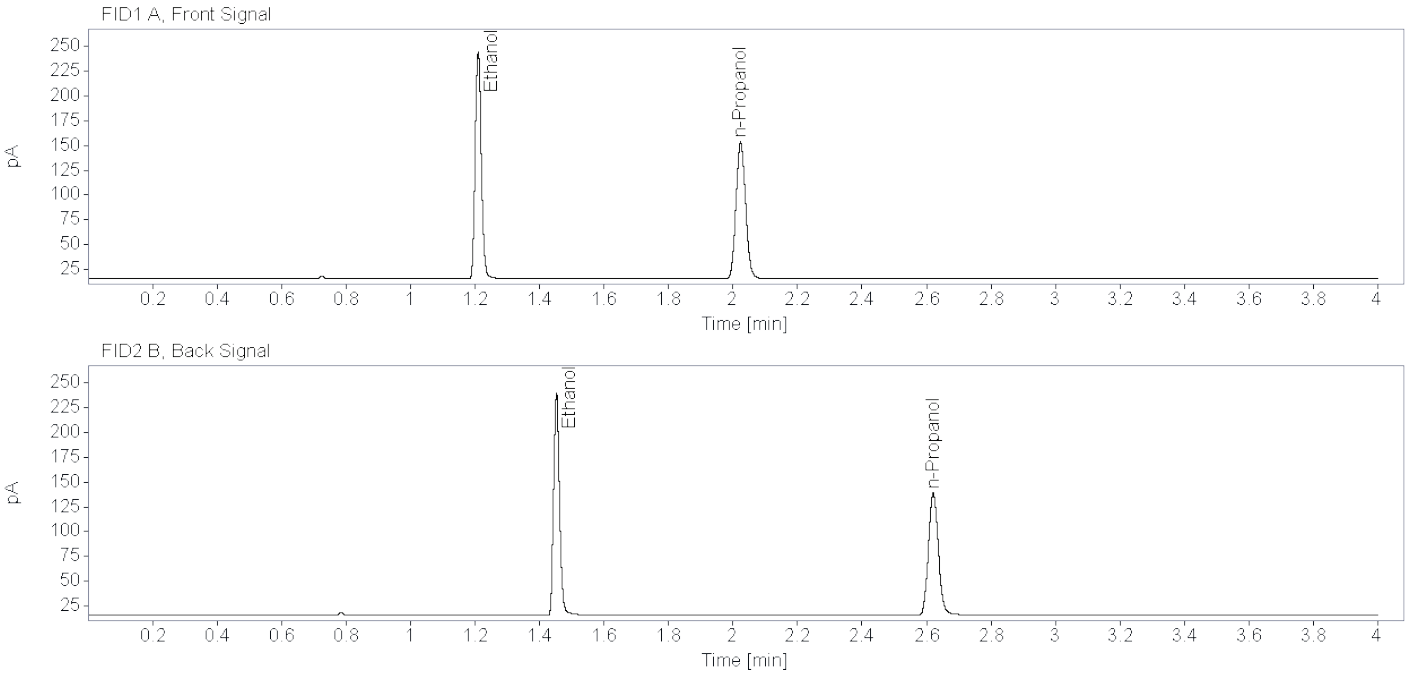
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83070	1.210	1.210	152.7352	0.0990
n-Propanol	0.87425	2.023	2.023	282.8251	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81596	1.453	1.453	142.5833	0.0985
n-Propanol	0.89723	2.621	2.621	261.5204	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (24-0005) **Description:** **Sample Barcode** 24-0005 **Vial Number:** 5
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 11:49:36 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\005F0501.D



Name FID1A

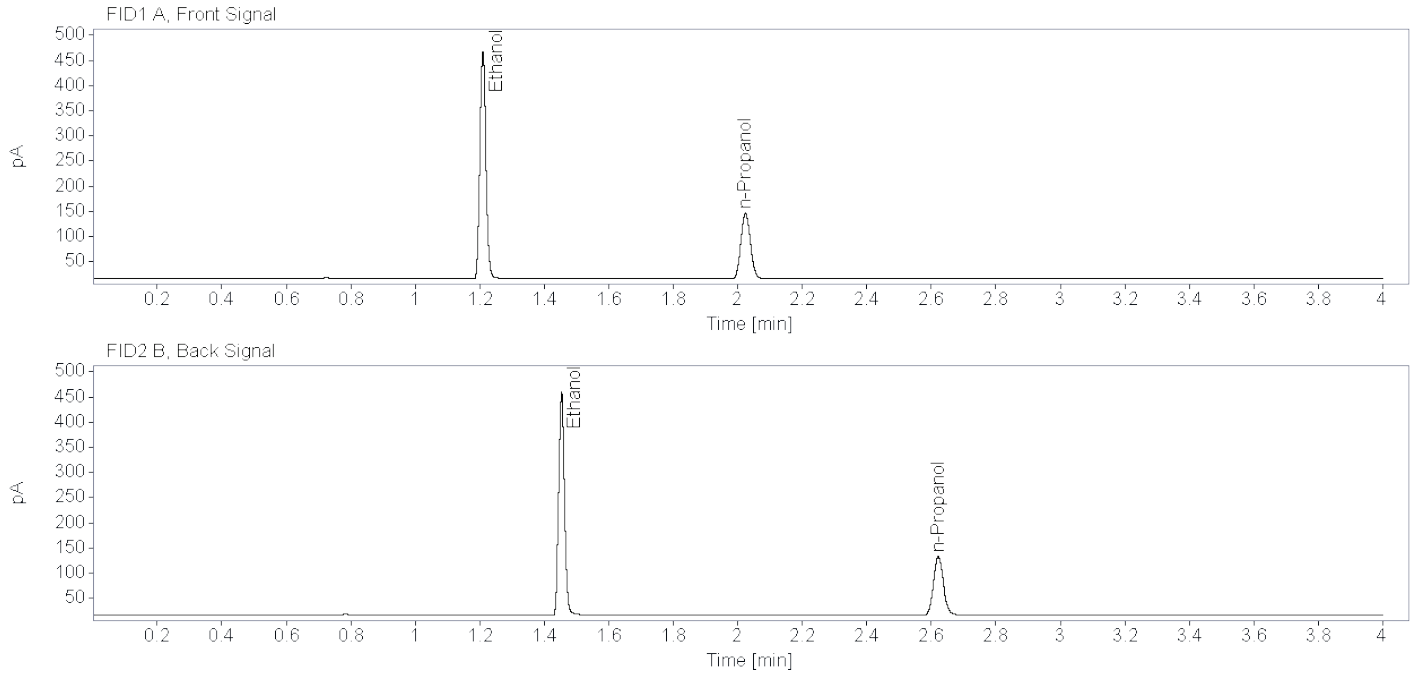
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85955	1.210	1.210	304.9507	0.1959
n-Propanol	0.88468	2.024	2.024	284.5895	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84281	1.453	1.453	286.0572	0.1953
n-Propanol	0.90257	2.621	2.621	263.2122	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (24-0006) **Description:** **Sample Barcode** **Vial Number:** 6
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 11:54:18 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\006F0601.D



Name FID1A

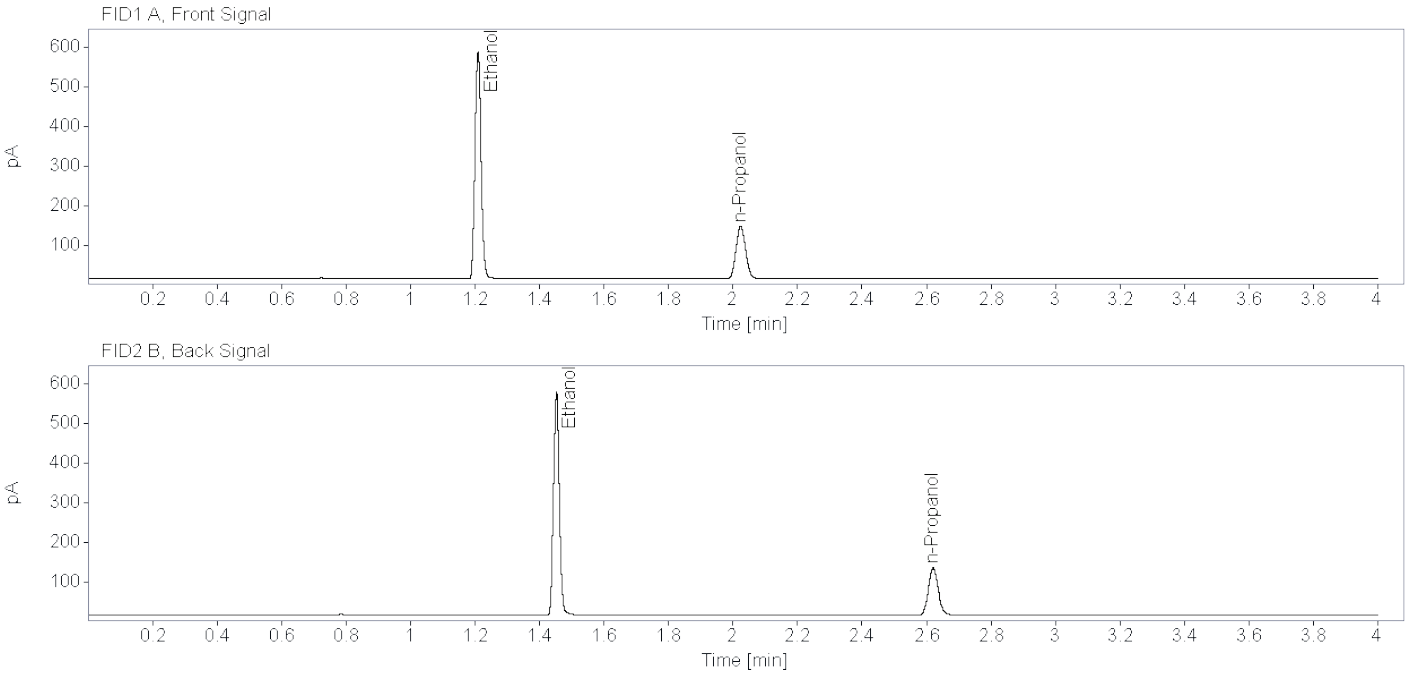
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87975	1.210	1.210	594.5537	0.4011
n-Propanol	0.87677	2.024	2.024	270.6446	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.90382	1.454	1.454	560.3115	0.4016
n-Propanol	0.89027	2.622	2.622	250.0429	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (24-0007) **Description:** **Sample Barcode** 24-0007 **Vial Number:** 7
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 12:00:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\007F0701.D



Name FID1A

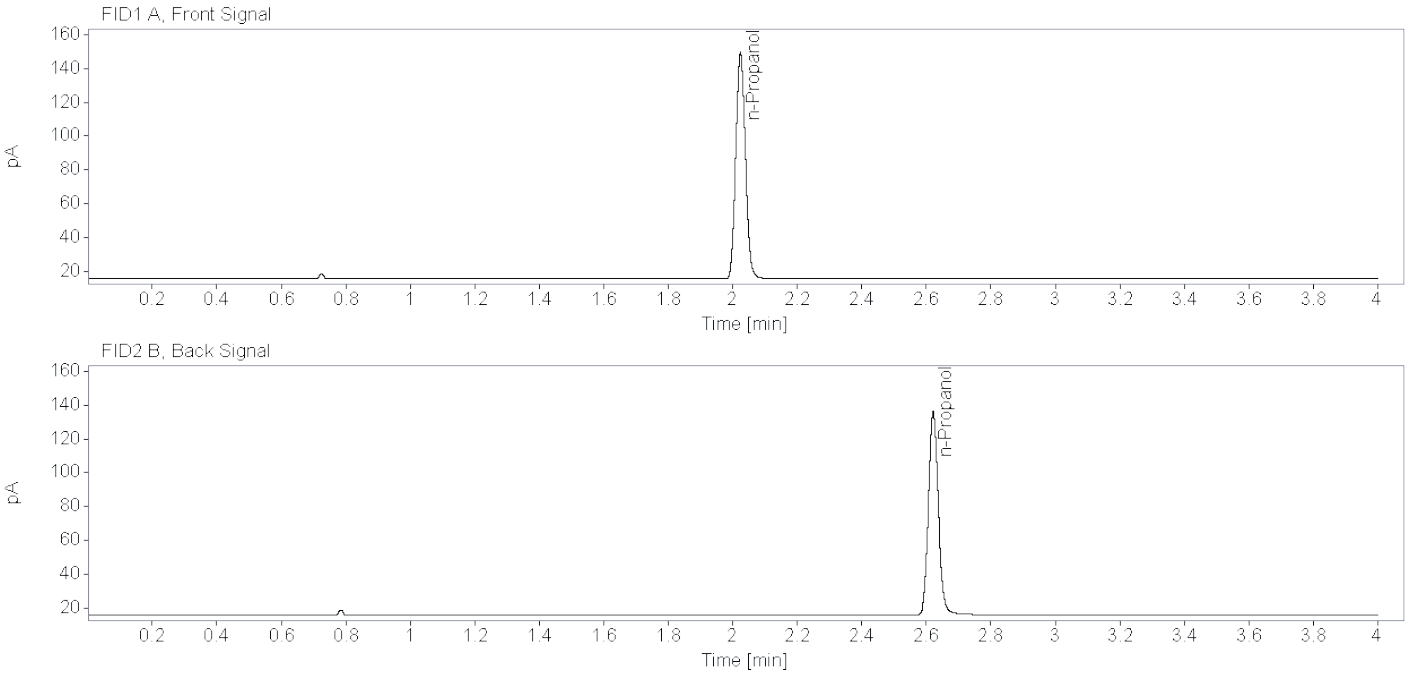
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.89384	1.209	1.209	762.5828	0.5038
n-Propanol	0.88167	2.023	2.023	276.2844	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.92402	1.453	1.453	718.9694	0.5049
n-Propanol	0.89473	2.621	2.621	255.0884	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (24-0008) **Description:** **Sample Barcode** **Vial Number:** 8
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 12:04:44 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\008F0801.D



Name FID1A

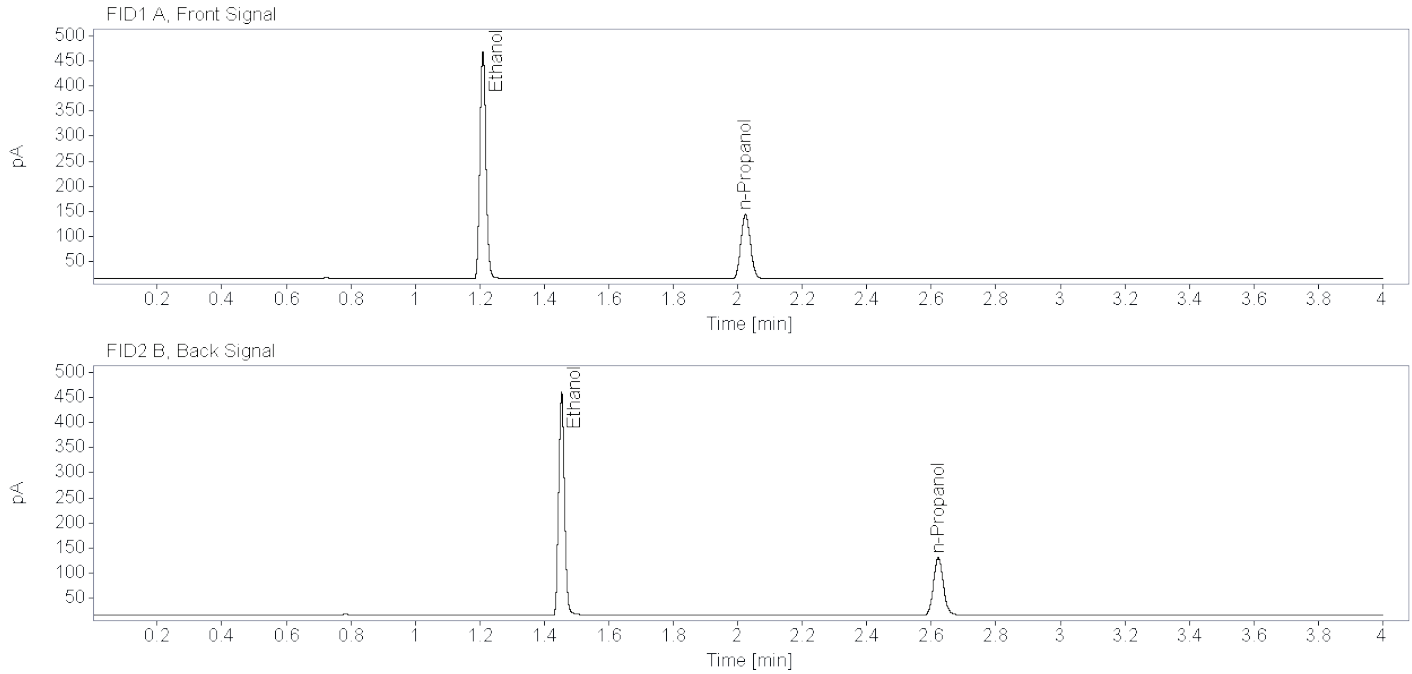
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88299	2.024	2.023	276.9058	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89366	2.622	2.621	255.3396	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-0009) **Description:** **Sample Barcode** 24-0009 **Vial Number:** 9
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 12:10:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\009F0901.D



Name FID1A

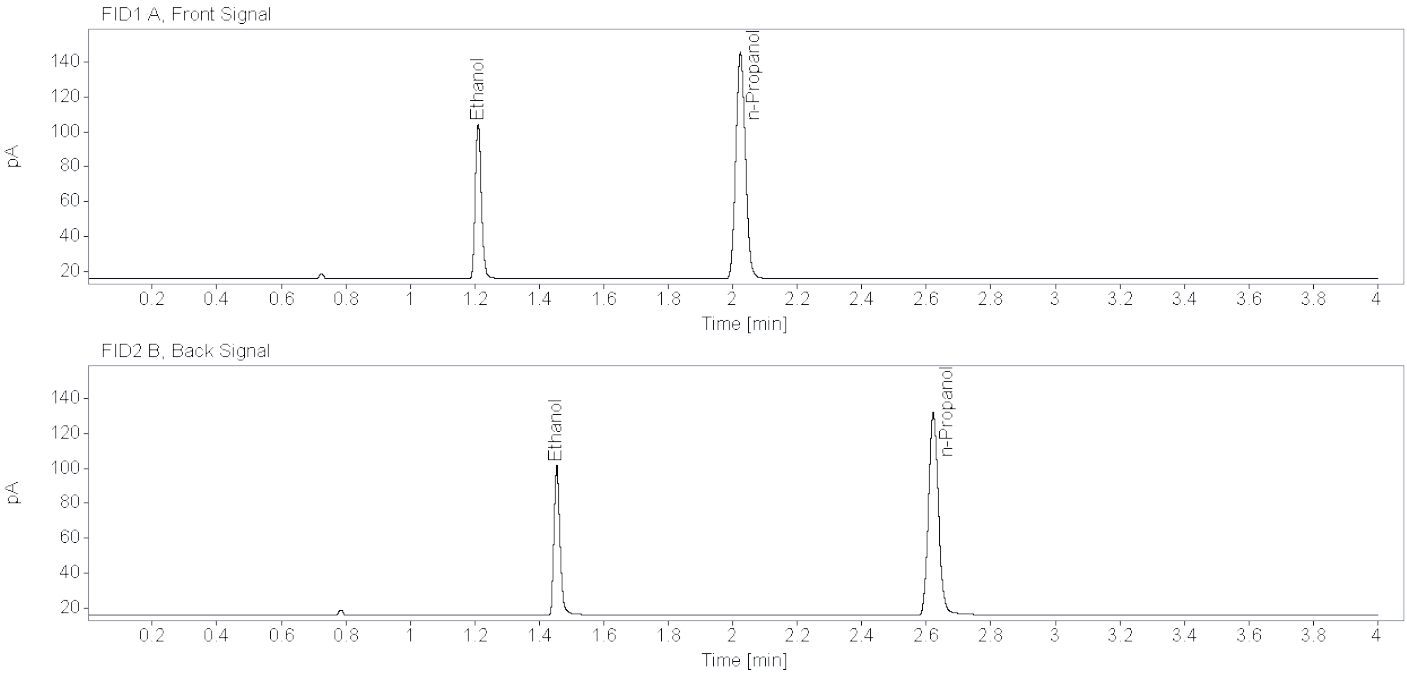
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87980	1.210	1.209	595.9839	0.4114
n-Propanol	0.87808	2.024	2.023	264.4807	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.90328	1.454	1.453	561.4775	0.4127
n-Propanol	0.89224	2.622	2.621	243.8277	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-0010) **Description:** **Sample Barcode** 24-0010 **Vial Number:** 10
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 12:15:07 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\010F1001.D



Name FID1A

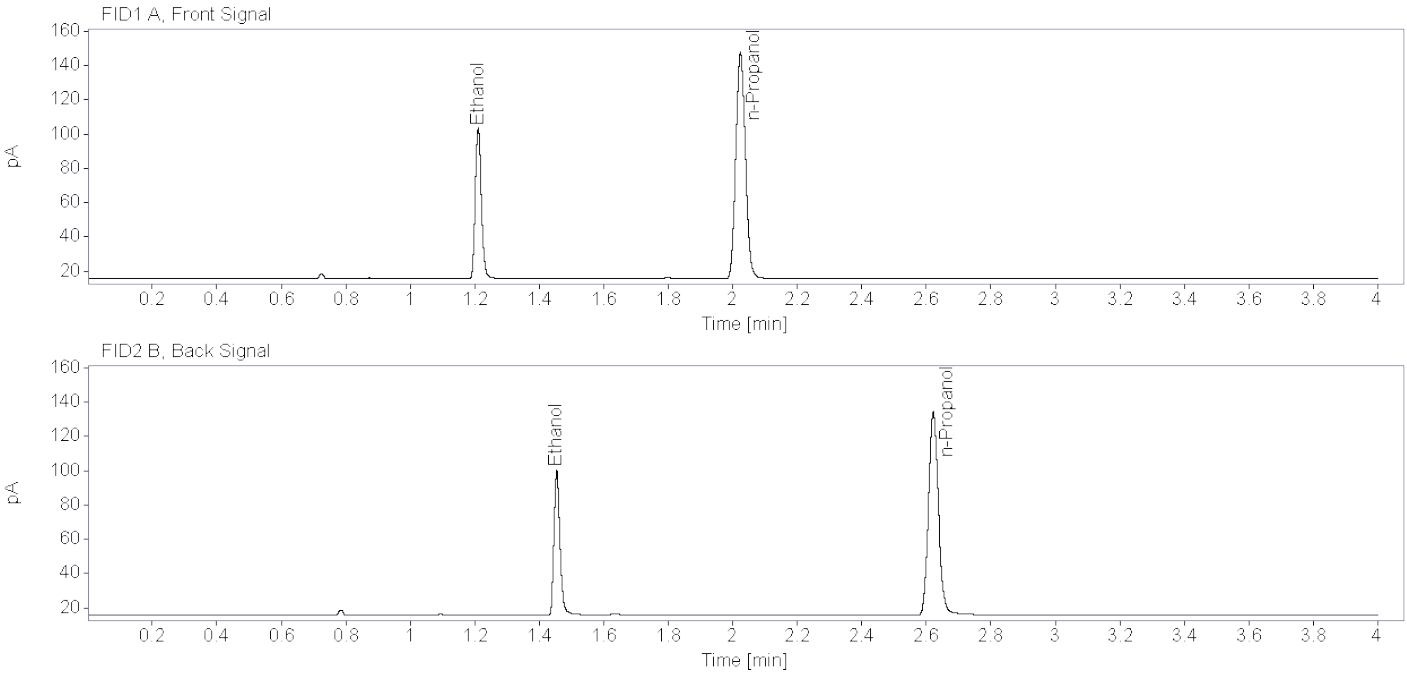
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83303	1.211	1.209	118.0454	0.0811
n-Propanol	0.87414	2.024	2.023	267.2021	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80223	1.454	1.453	110.3509	0.0812
n-Propanol	0.88154	2.622	2.621	246.0407	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-0011) **Description:** **Sample Barcode** 24-0011 **Vial Number:** 11
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 12:20:48 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\011F1101.D



Name FID1A

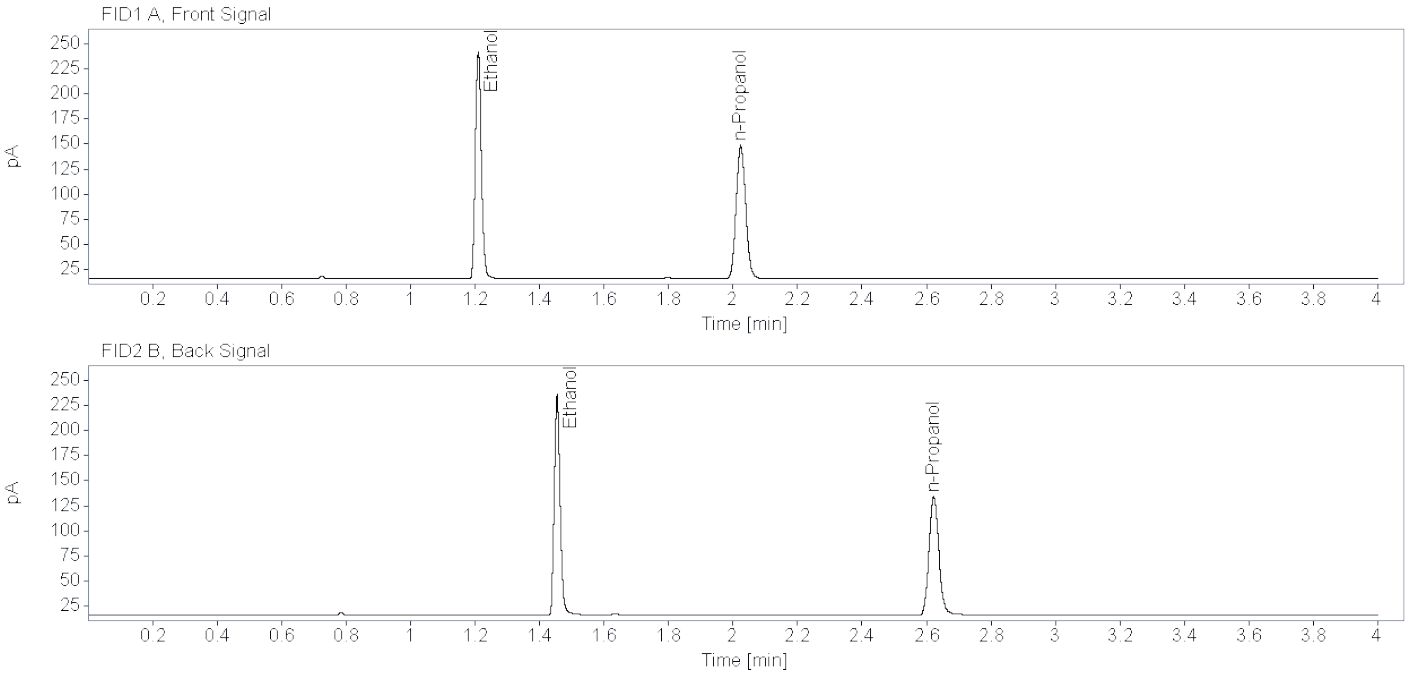
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83316	1.211	1.209	116.4106	0.0784
n-Propanol	0.88216	2.024	2.023	272.4521	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79955	1.454	1.453	108.8387	0.0786
n-Propanol	0.88037	2.622	2.621	250.9364	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-0022) **Description:** **Sample Barcode** 24-0022 **Vial Number:** 22
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 1:17:31 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\022F2201.D



Name FID1A

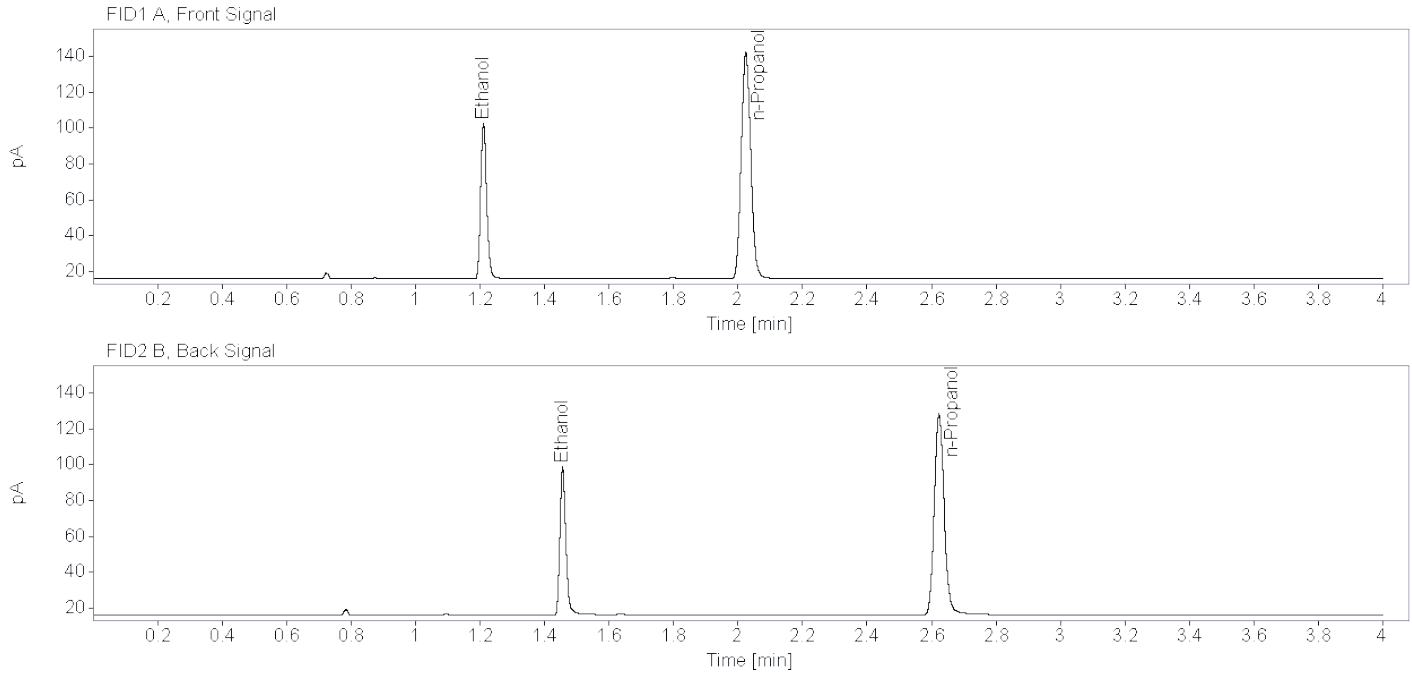
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86422	1.210	1.209	296.9500	0.1987
n-Propanol	0.88677	2.024	2.023	273.1993	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84476	1.455	1.453	277.4016	0.1992
n-Propanol	0.87579	2.622	2.621	250.2608	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-0033) **Description:** **Sample Barcode** 24-0033 **Vial Number:** 33
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 2:15:12 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\033F3301.D



Name FID1A

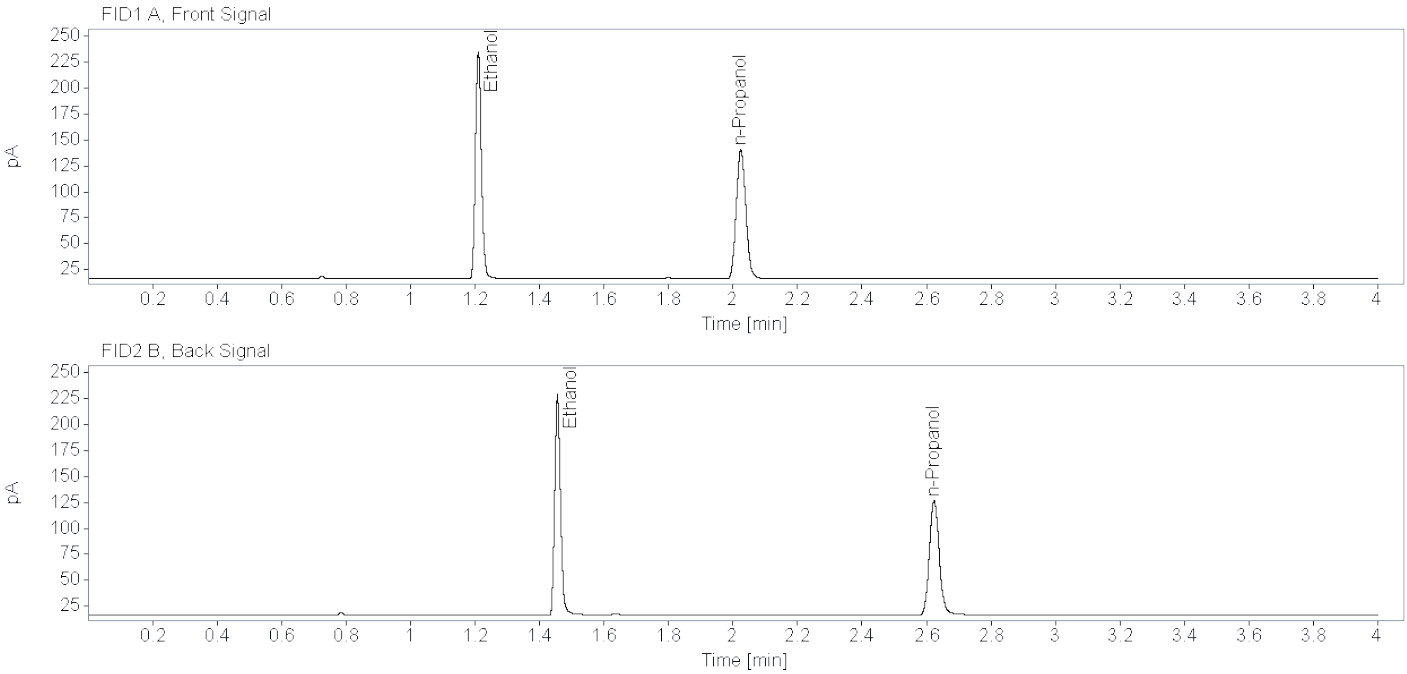
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83778	1.211	1.209	113.5433	0.0804
n-Propanol	0.88135	2.024	2.023	259.2628	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78256	1.456	1.453	105.4981	0.0807
n-Propanol	0.86818	2.623	2.621	236.7960	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-0044) **Description:** **Sample Barcode** **Vial Number:** 44
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 3:11:55 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\044F4401.D



Name FID1A

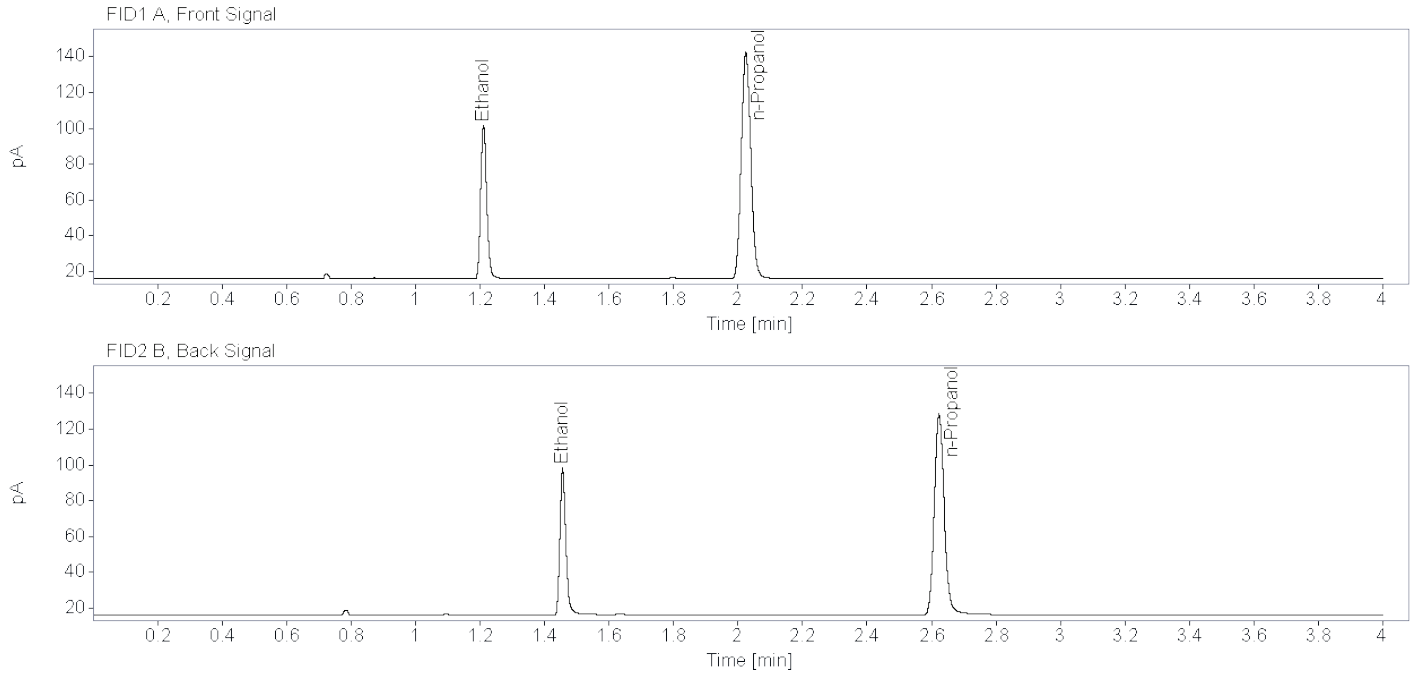
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86691	1.210	1.209	285.1407	0.2035
n-Propanol	0.87796	2.024	2.023	256.1942	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84514	1.456	1.453	266.0349	0.2048
n-Propanol	0.87696	2.623	2.621	233.3635	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-0055) **Description:** **Sample Barcode** **Vial Number:** 55
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 4:09:36 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\055F5501.D



Name FID1A

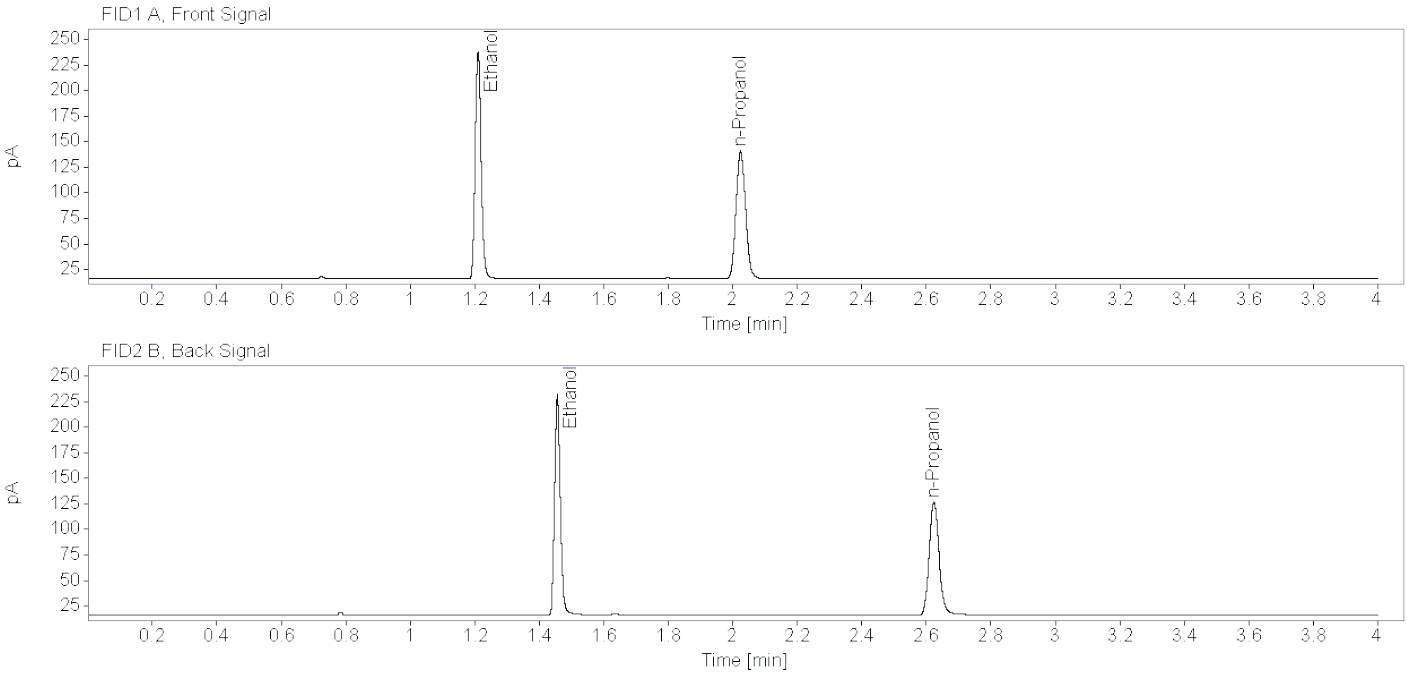
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83441	1.211	1.209	112.6679	0.0797
n-Propanol	0.87769	2.024	2.023	259.5663	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78158	1.456	1.453	104.4459	0.0799
n-Propanol	0.87550	2.623	2.621	236.6676	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-0066) **Description:** **Sample Barcode** **Vial Number:** 66
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 5:06:20 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\066F6601.D



Name FID1A

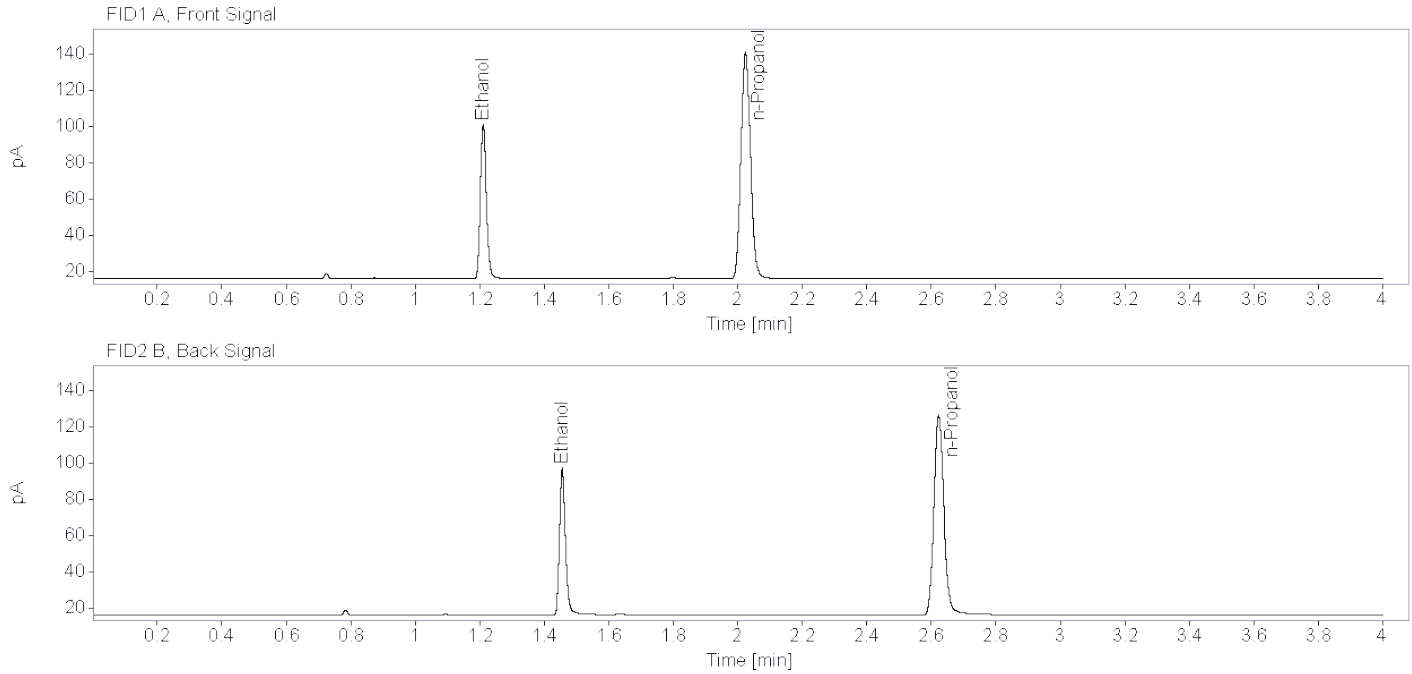
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85555	1.210	1.209	287.3130	0.2049
n-Propanol	0.87522	2.024	2.023	256.3546	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84318	1.456	1.453	268.6156	0.2066
n-Propanol	0.87120	2.624	2.621	233.5345	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-0077) **Description:** **Sample Barcode** **Vial Number:** 77
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 6:04:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\077F7701.D



Name FID1A

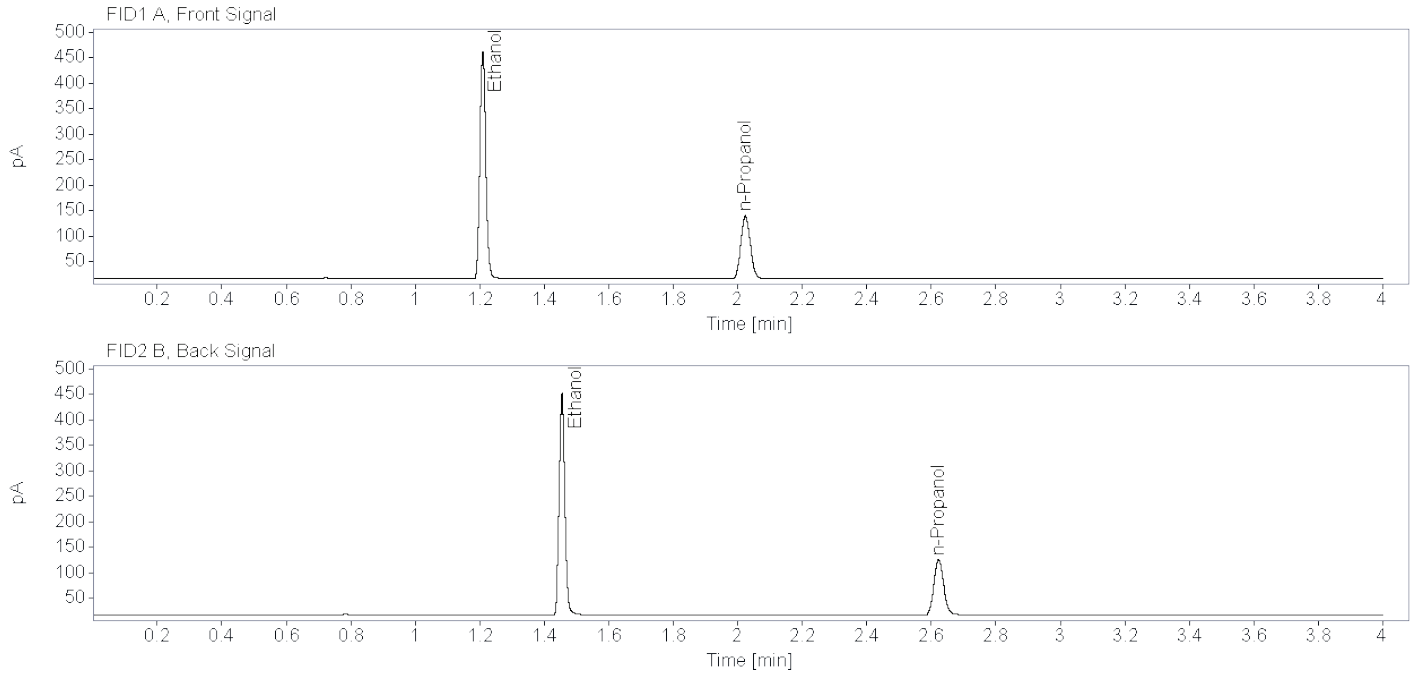
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83380	1.211	1.209	111.7905	0.0801
n-Propanol	0.87143	2.024	2.023	256.0523	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79076	1.456	1.453	102.9700	0.0799
n-Propanol	0.87507	2.623	2.621	233.3088	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-0078) **Description:** **Sample Barcode** **Vial Number:** 78
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 6:08:43 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\078F7801.D



Name FID1A

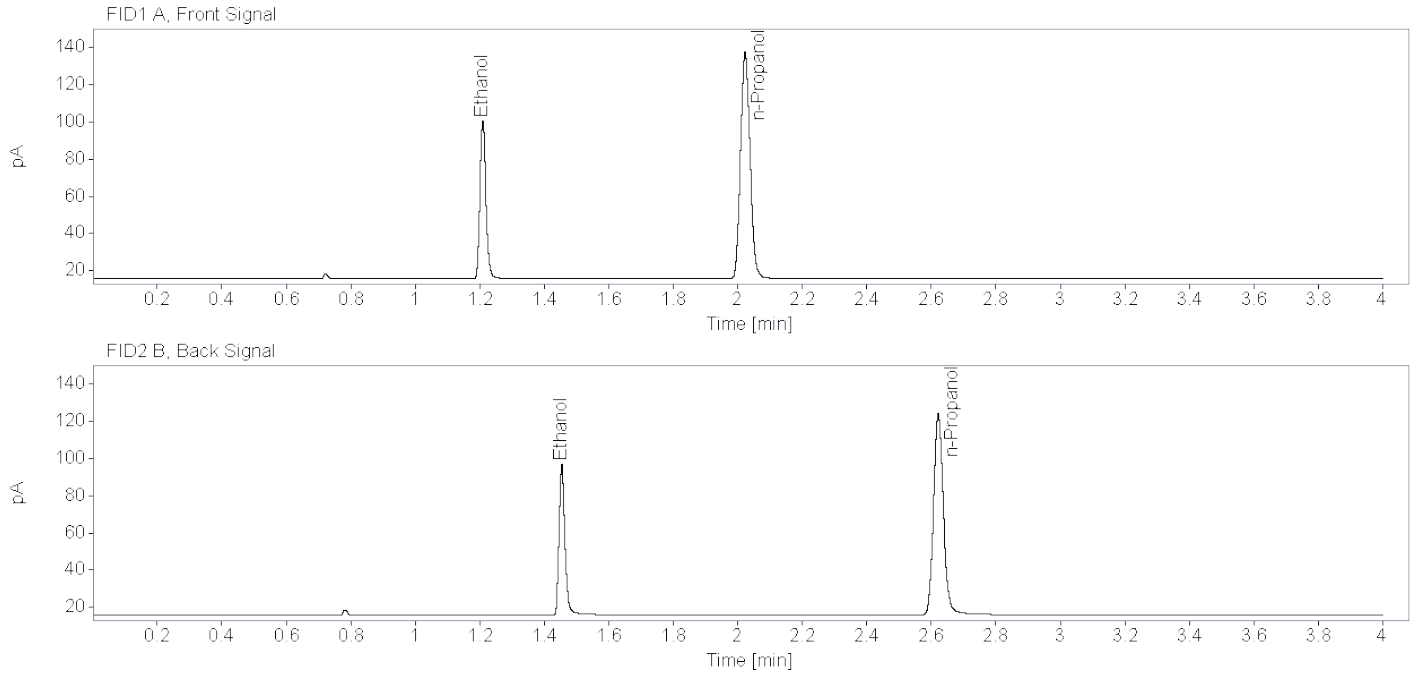
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88741	1.209	1.209	574.7028	0.4132
n-Propanol	0.87066	2.024	2.023	253.9033	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.89284	1.455	1.453	539.6528	0.4179
n-Propanol	0.87527	2.623	2.621	231.4197	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-0079) **Description:** **Sample Barcode** **Vial Number:** 79
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 6:14:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\079F7901.D



Name FID1A

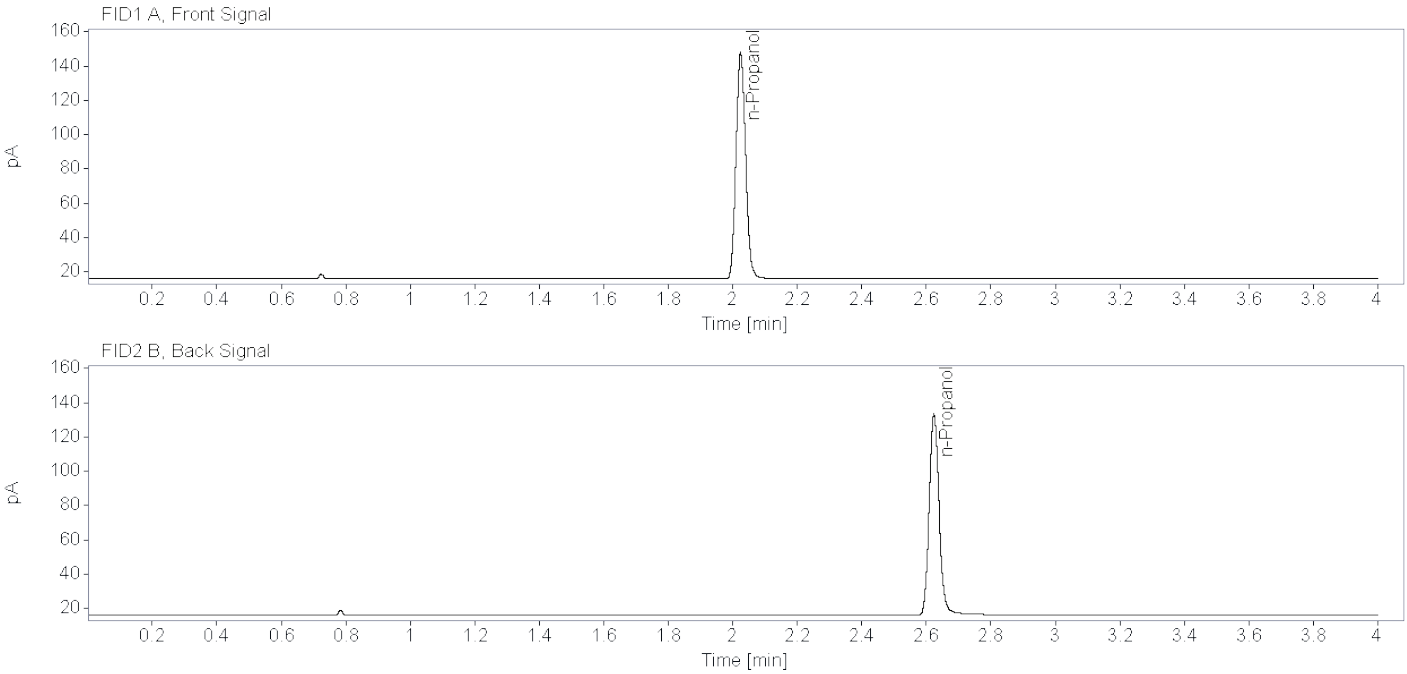
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83322	1.209	1.209	109.5903	0.0799
n-Propanol	0.86876	2.023	2.023	251.3271	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78145	1.454	1.453	101.0317	0.0788
n-Propanol	0.88108	2.622	2.621	232.1769	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (24-0080) **Description:** **Sample Barcode** **Vial Number:** 80
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 6:19:08 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\080F8001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87785	2.024	2.023	271.1603	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87701	2.624	2.621	247.2905	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1398_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: **none detected**

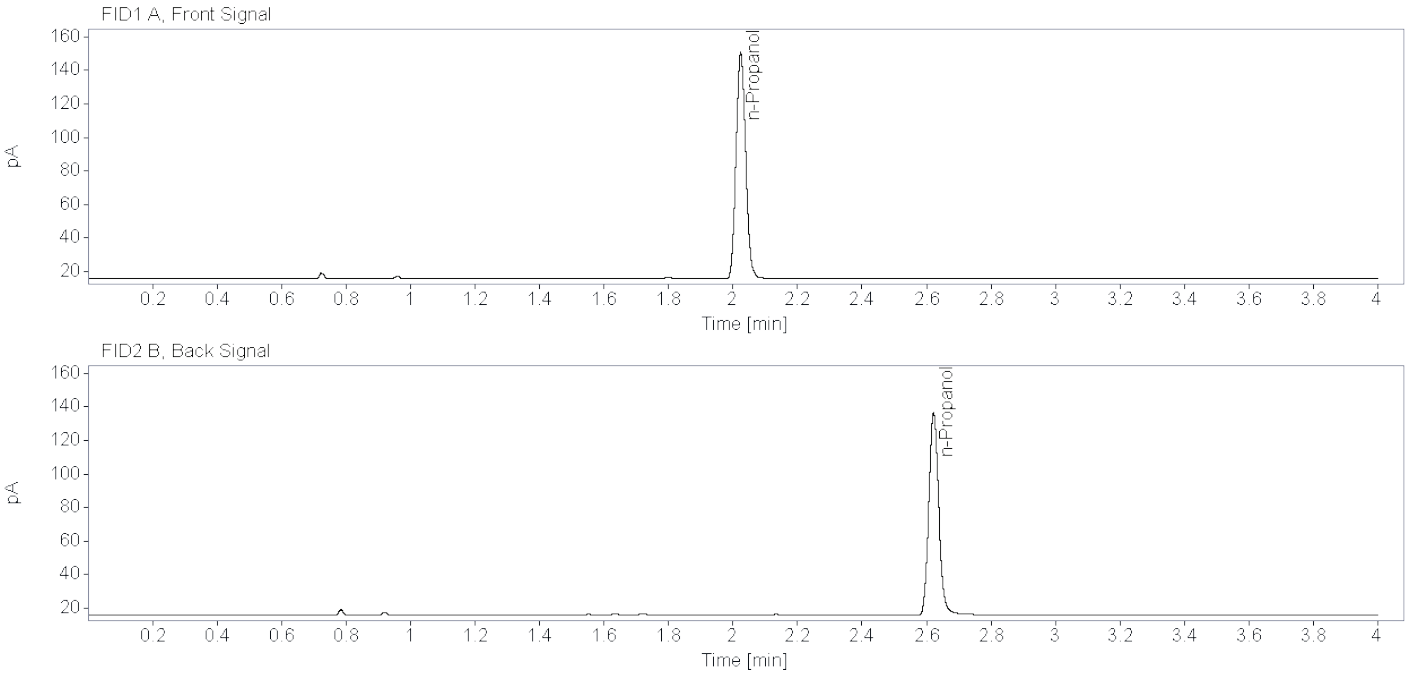
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1398_001 (24-0012) **Description:** Alq 1 **Sample Barcode** 24-0012 **Vial Number:** 12
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 12:25:31 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\012F1201.D



Name FID1A

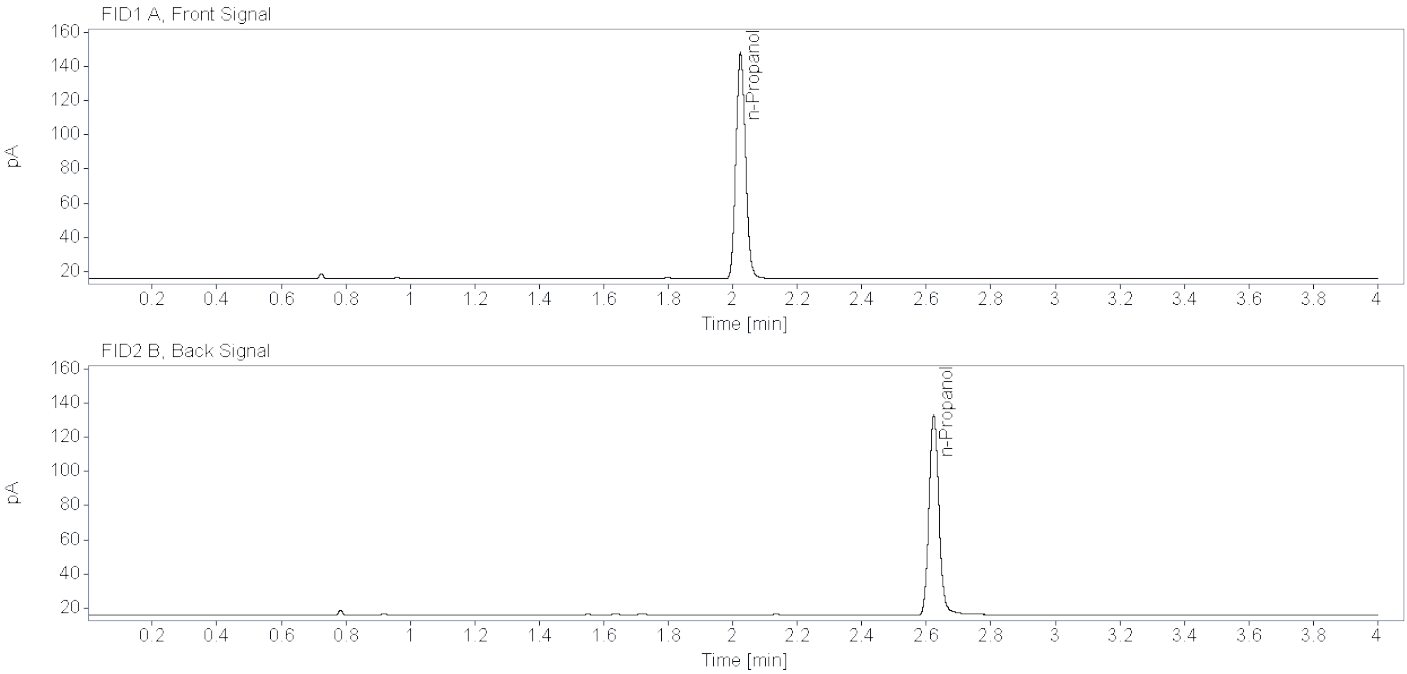
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88750	2.024	2.023	278.5094	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89013	2.622	2.621	256.5001	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1398_001 (24-0076) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 76
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 5:58:19 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\076F7601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88086	2.024	2.023	270.8664	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87510	2.623	2.621	247.6552	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1435_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: **none detected**

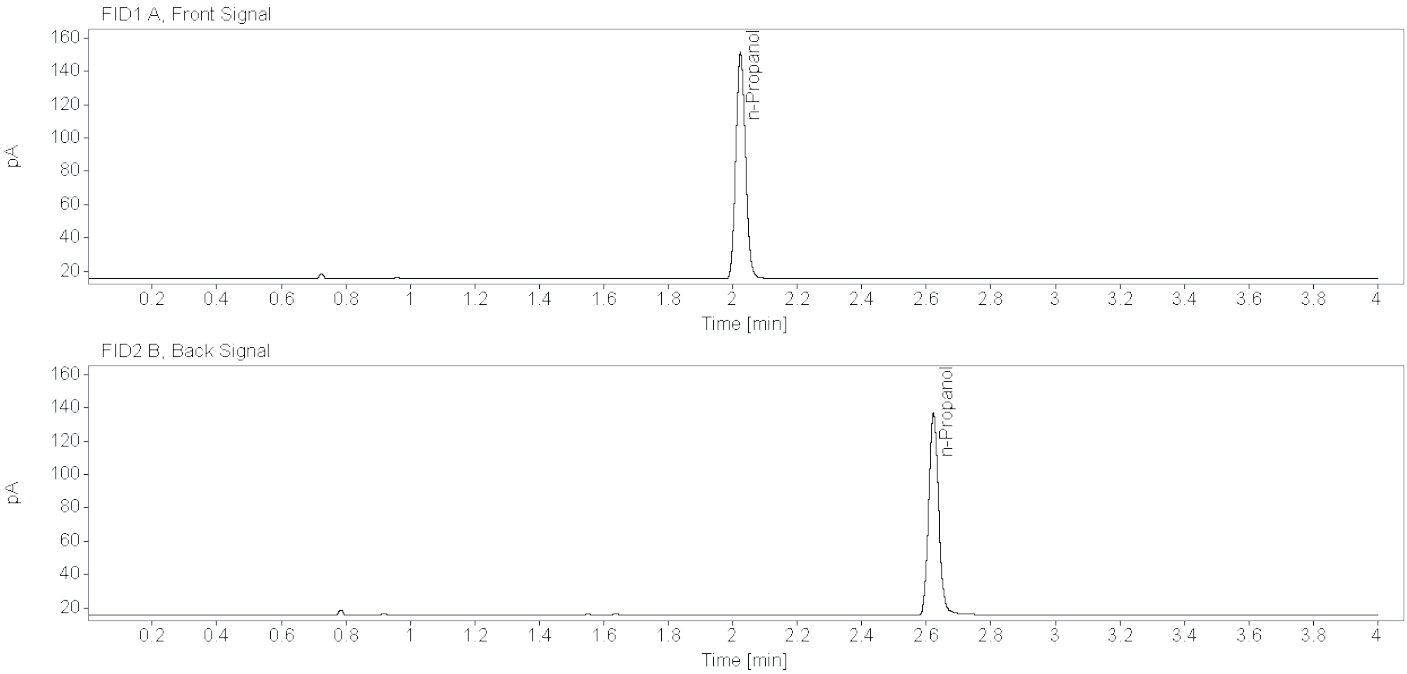
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1435_001 (24-0013) **Description:** Alq 1 **Sample Barcode** 24-0013 **Vial Number:** 13
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 12:31:12 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\013F1301.D



Name FID1A

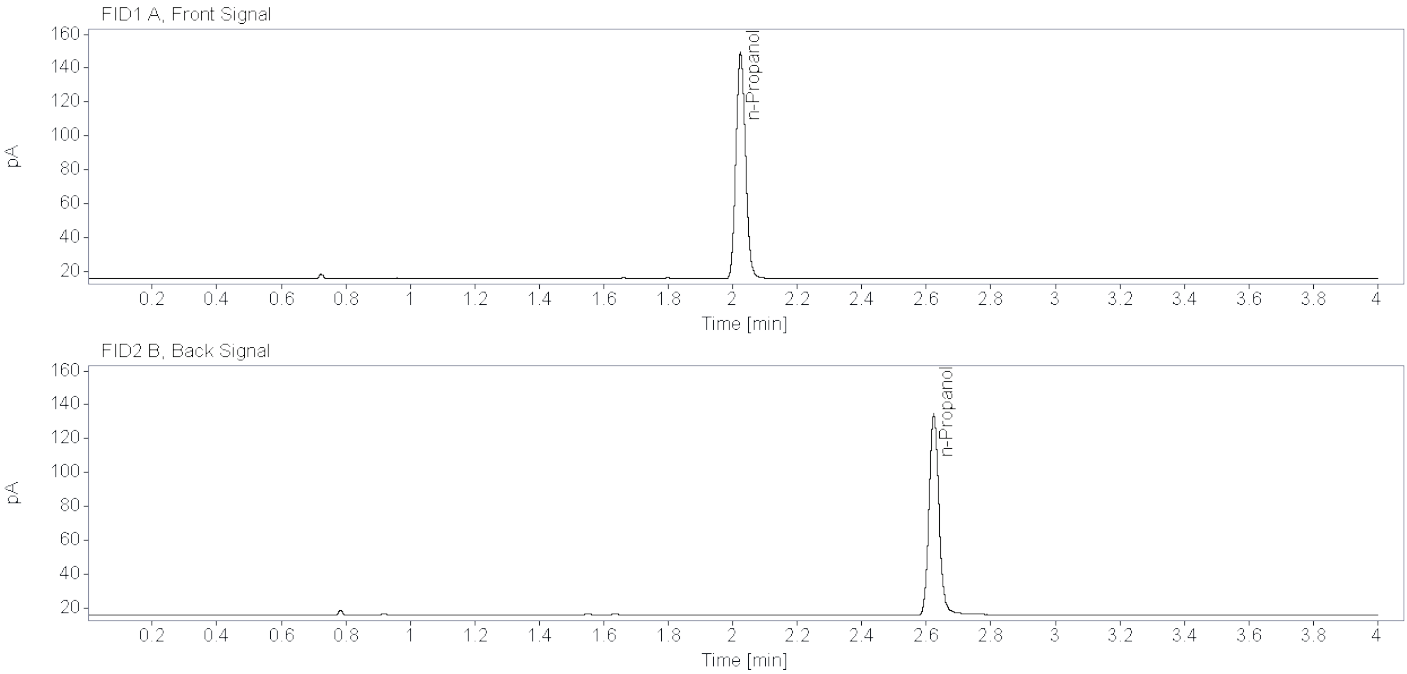
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87746	2.024	2.023	279.2057	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88684	2.622	2.621	256.9206	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1435_001 (24-0075) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 75
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 5:53:36 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\075F7501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87865	2.024	2.023	273.6720	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87963	2.623	2.621	249.9048	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1742_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: none detected

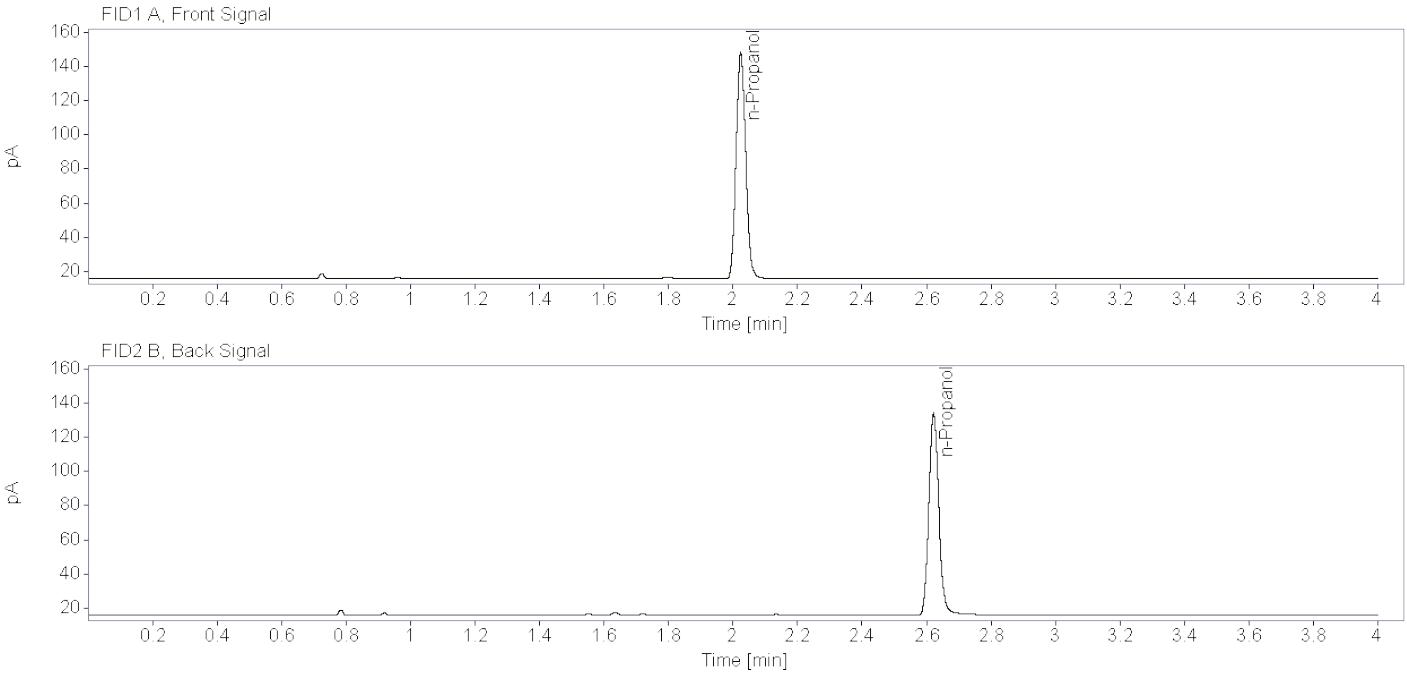
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1742_001 (24-0014) **Description:** Alq 1 **Sample Barcode** 24-0014 **Vial Number:** 14
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 12:35:55 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\014F1401.D



Name FID1A

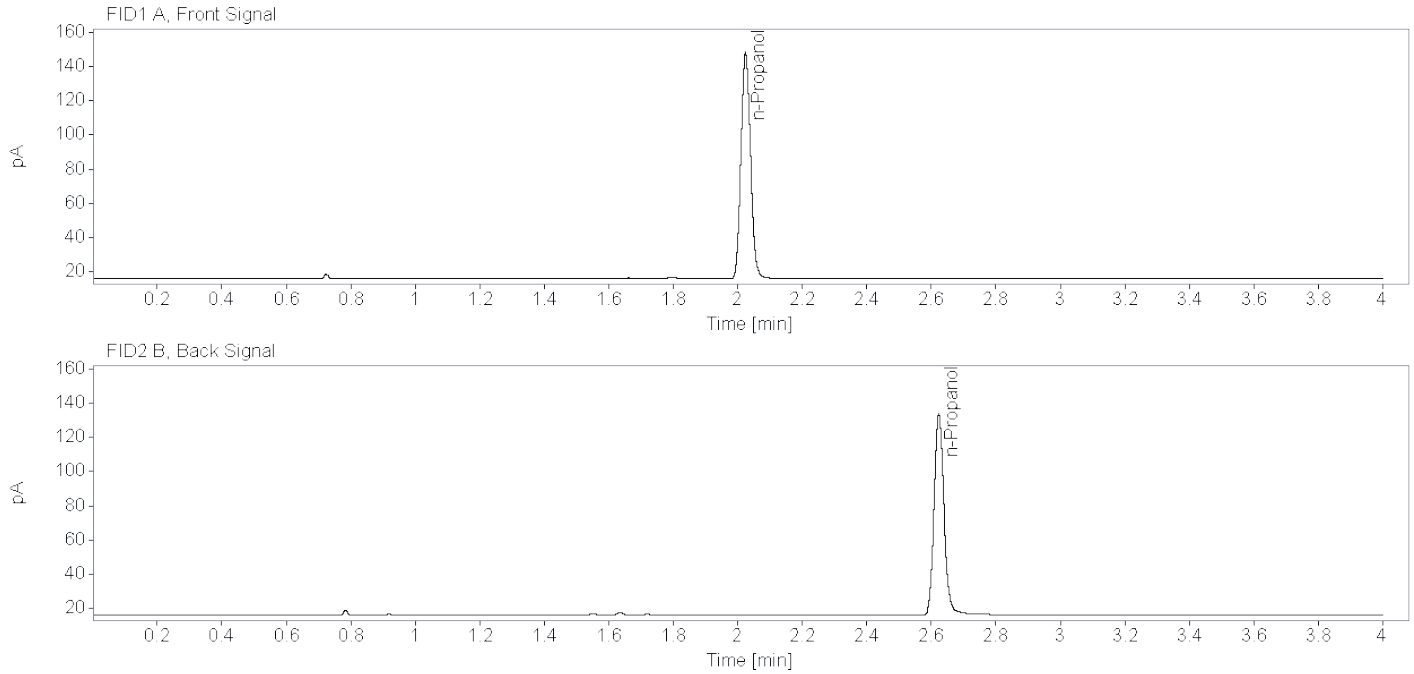
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88407	2.024	2.023	273.5436	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88240	2.622	2.621	251.5070	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1742_001 (24-0074) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 74
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 5:47:55 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\074F7401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87611	2.024	2.023	271.6003	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86975	2.623	2.621	248.3037	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1895_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1211	Aliquot 1:	0.1219
	Aliquot 2:	0.1284	Aliquot 2:	0.1284

Reported Result: **0.124** **g/100 mL**

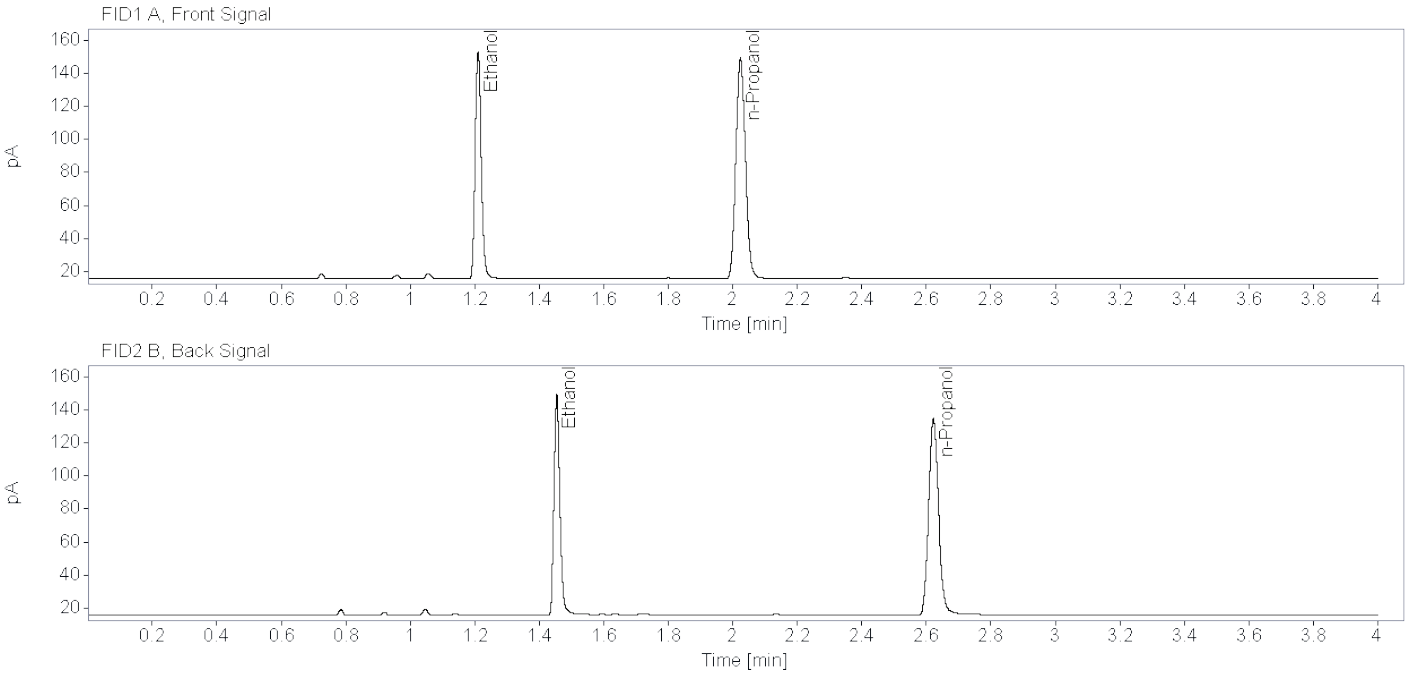
Reported UM: **0.018** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1895_001 (24-0015) **Description:** Alq 1 **Sample Barcode** 24-0015 **Vial Number:** 15
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 12:41:36 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\015F1501.D



Name FID1A

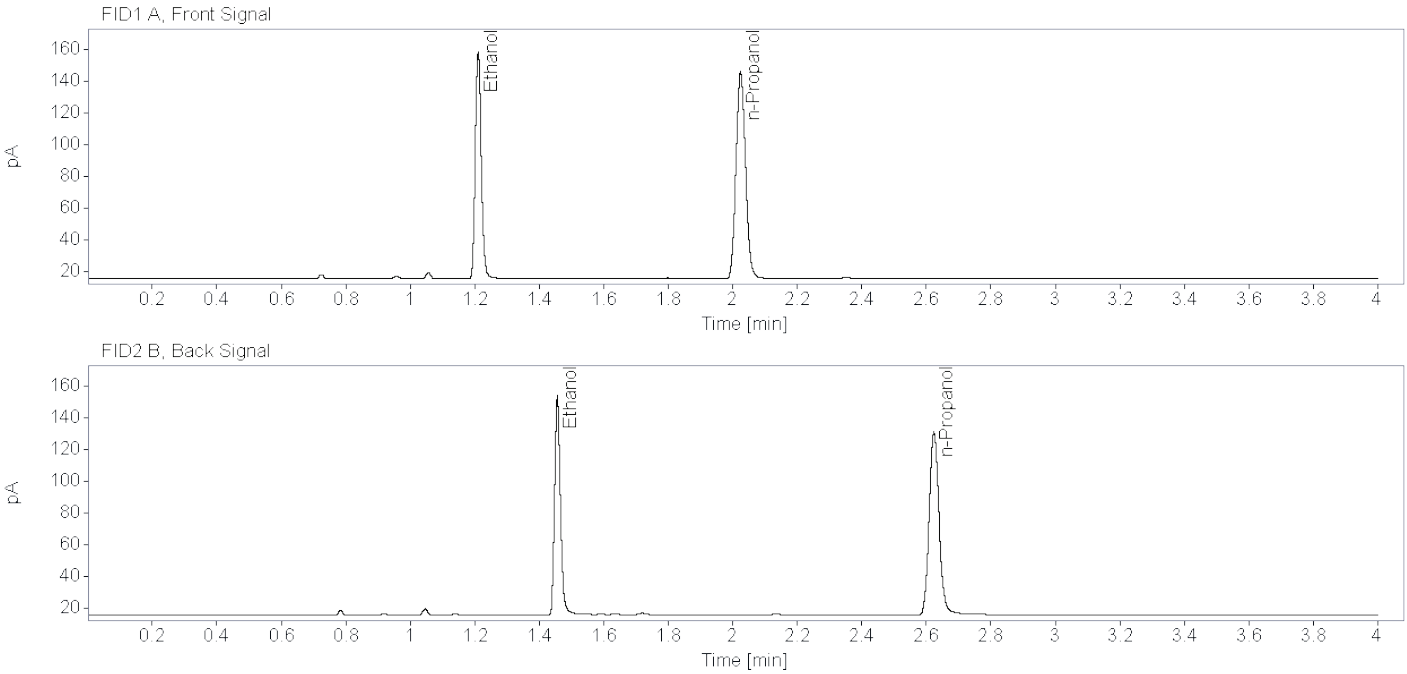
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84222	1.210	1.209	181.3297	0.1211
n-Propanol	0.87546	2.024	2.023	274.2942	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81501	1.454	1.453	170.4974	0.1219
n-Propanol	0.88447	2.622	2.621	252.2171	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1895_001 (24-0073 **Description:** Alq 2 **Sample Barcode** **Vial Number:** 73
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 5:43:12 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\073F7301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84643	1.211	1.209	186.2750	0.1284
n-Propanol	0.87951	2.024	2.023	265.5831	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81617	1.456	1.453	172.9935	0.1284
n-Propanol	0.87798	2.624	2.621	242.7344	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-2060_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1545	Aliquot 1:	0.1546
	Aliquot 2:	0.1750	Aliquot 2:	0.1758

Reported Result: ~~0.164~~ **0.024** **g/100 mL**

Reported UM: **0.024** **g/100 mL**

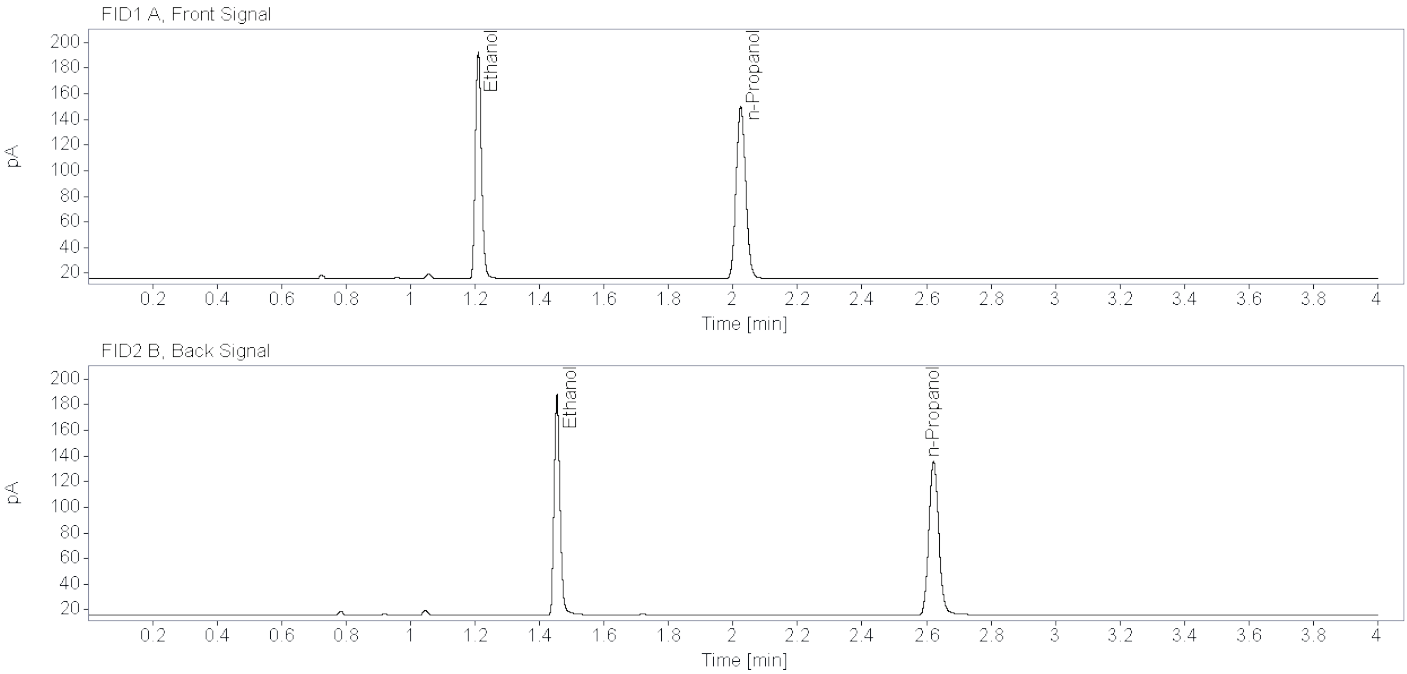
2/16/2024 mh

Comments: Aliquots not within 5% of the average. Case will be repeated. 2/16/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2060_001 (24-0016) **Description:** Alq 1 **Sample Barcode** 24-0016 **Vial Number:** 16
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 12:46:19 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\016F1601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85664	1.210	1.209	234.2882	0.1545
n-Propanol	0.88602	2.024	2.023	277.4736	0.0100

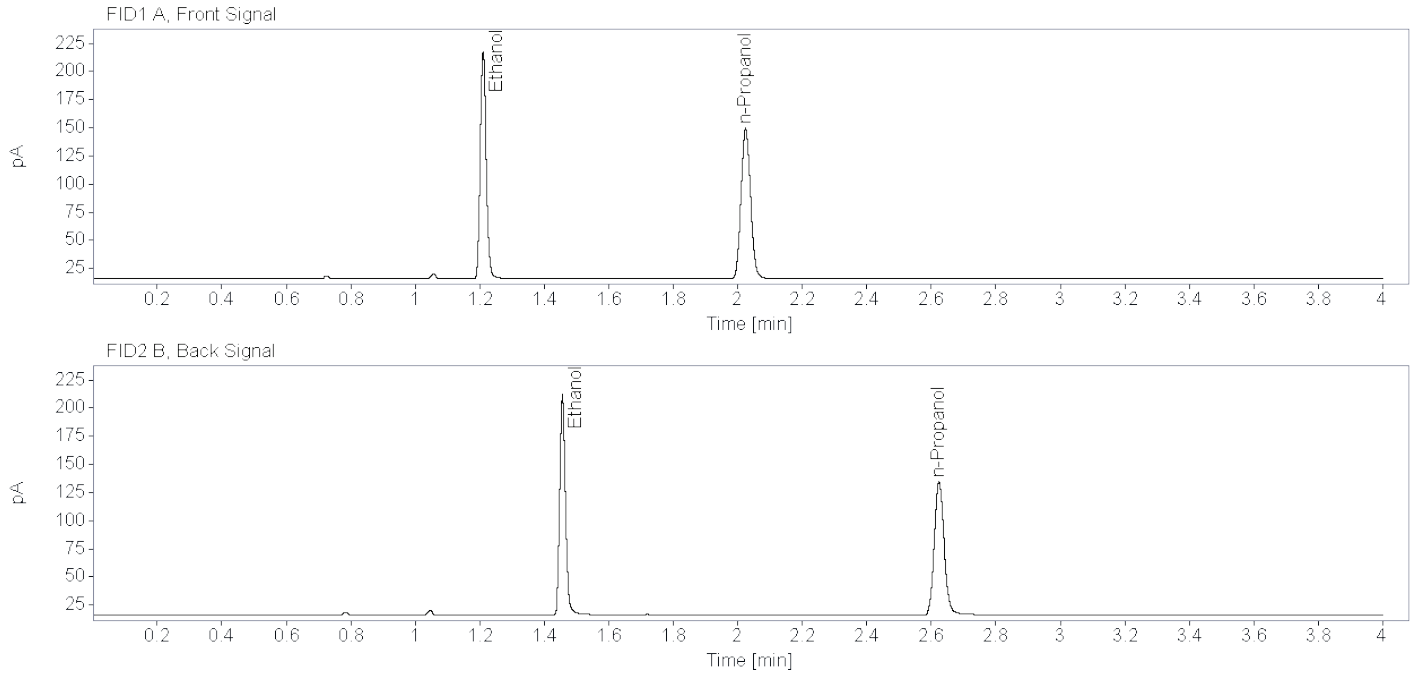
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82566	1.454	1.453	218.8874	0.1546
n-Propanol	0.88212	2.622	2.621	254.8510	0.0100

Aliquots not within 5% of each other. Case will be repeated. 2/16/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2060_001 (24-0072) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 72
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 5:37:31 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\072F7201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85465	1.210	1.209	262.1171	0.1750
n-Propanol	0.87791	2.024	2.023	273.8878	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83868	1.456	1.453	244.5904	0.1758
n-Propanol	0.87799	2.624	2.621	250.2320	0.0100

Aliquots not within 5% of the average. Case will be repeated. 2/16/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-2105_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1816	Aliquot 1:	0.1824
	Aliquot 2:	0.1896	Aliquot 2:	0.1908

Reported Result: **0.186** **g/100 mL**

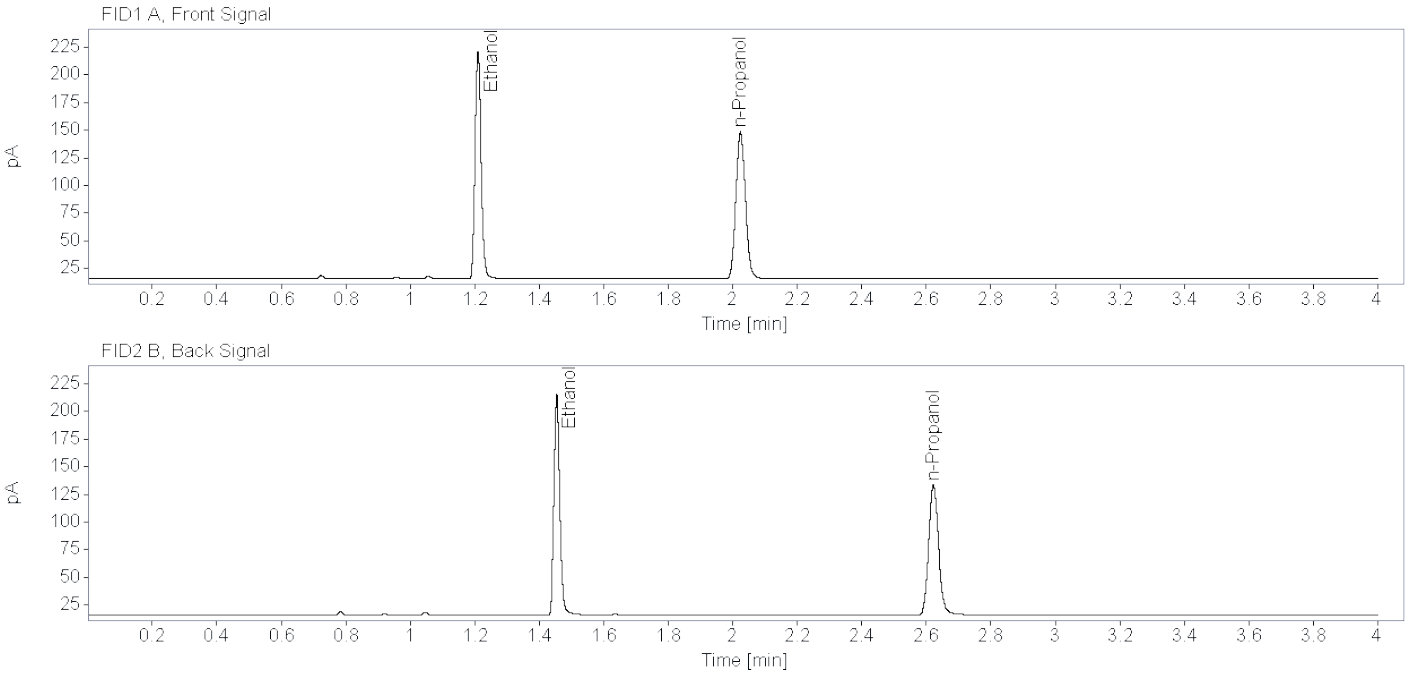
Reported UM: **0.027** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2105_001 (24-0017) **Description:** Alq 1 **Sample Barcode** 24-0017 **Vial Number:** 17
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 12:52:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\017F1701.D



Name FID1A

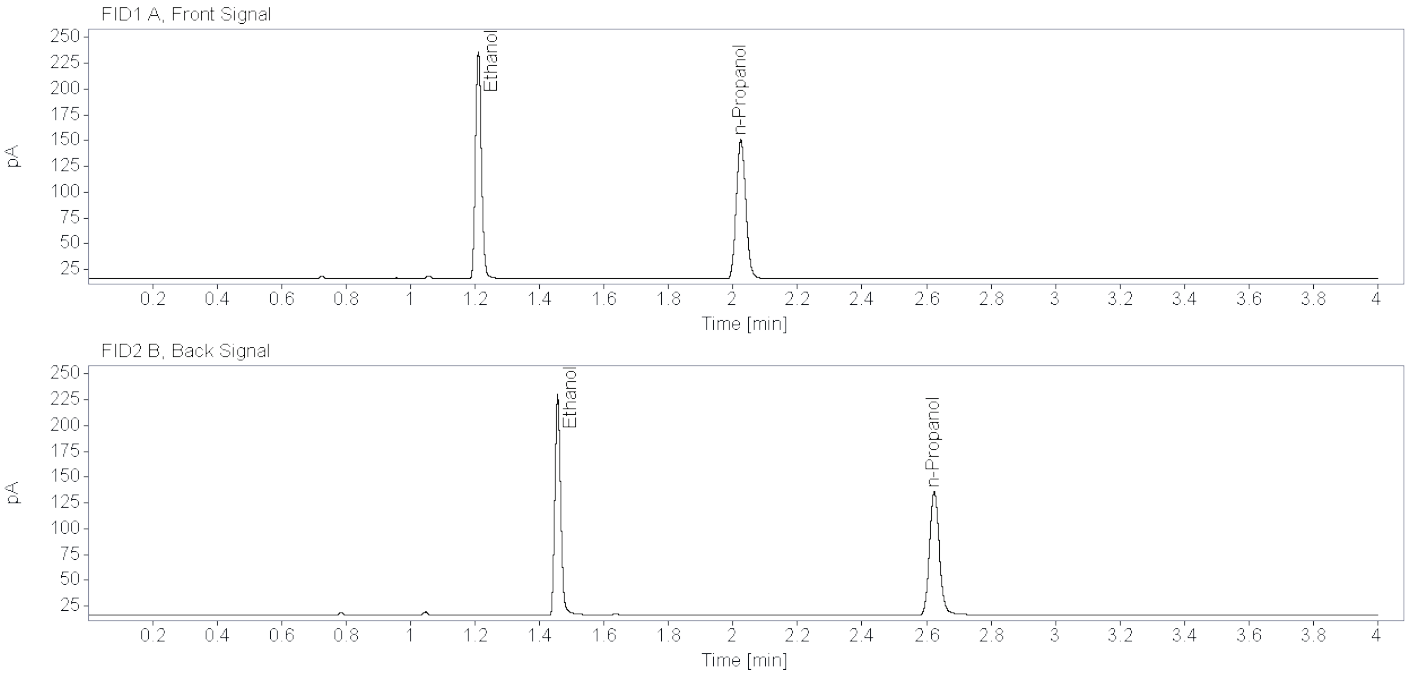
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85081	1.210	1.209	270.8018	0.1816
n-Propanol	0.87808	2.024	2.023	272.6180	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84040	1.454	1.453	254.0196	0.1824
n-Propanol	0.88022	2.622	2.621	250.4276	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2105_001 (24-0071) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 71
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 5:32:48 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\071F7101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86762	1.210	1.209	285.9491	0.1896
n-Propanol	0.88821	2.024	2.023	275.7345	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83336	1.456	1.453	267.3686	0.1908
n-Propanol	0.88924	2.624	2.621	251.8055	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-2106_002

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1986	Aliquot 1:	0.1993
	Aliquot 2:	0.2070	Aliquot 2:	0.2086

Reported Result: **0.203** **g/100 mL**

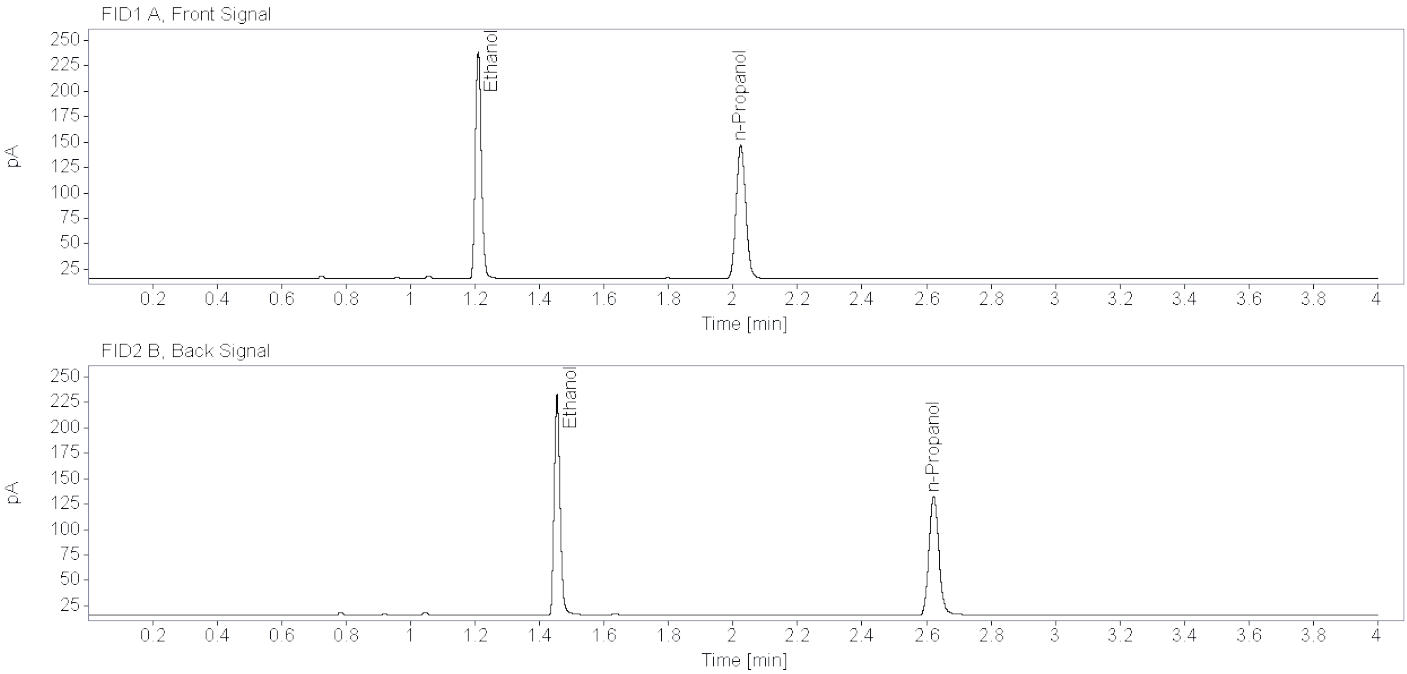
Reported UM: **0.029** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2106_002 (24-0018) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 18
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 12:56:43 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\018F1801.D



Name FID1A

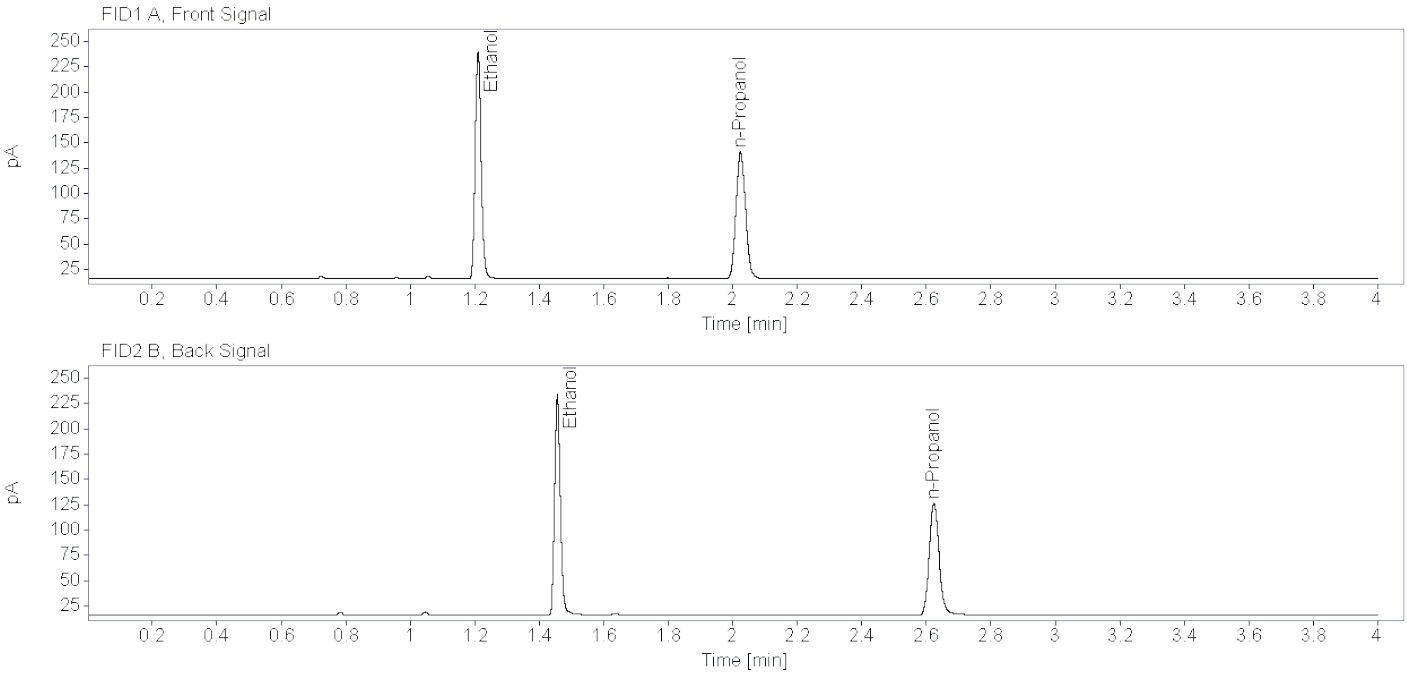
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86260	1.210	1.209	293.3994	0.1986
n-Propanol	0.88645	2.024	2.023	270.0179	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84003	1.454	1.453	274.7105	0.1993
n-Propanol	0.88605	2.622	2.621	247.7216	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2106_002 (24-0070) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 70
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 5:27:07 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\070F7001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85527	1.210	1.209	289.6921	0.2070
n-Propanol	0.87550	2.024	2.023	255.8769	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84162	1.456	1.453	271.3004	0.2086
n-Propanol	0.87244	2.624	2.621	233.6770	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-2141_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: **none detected**

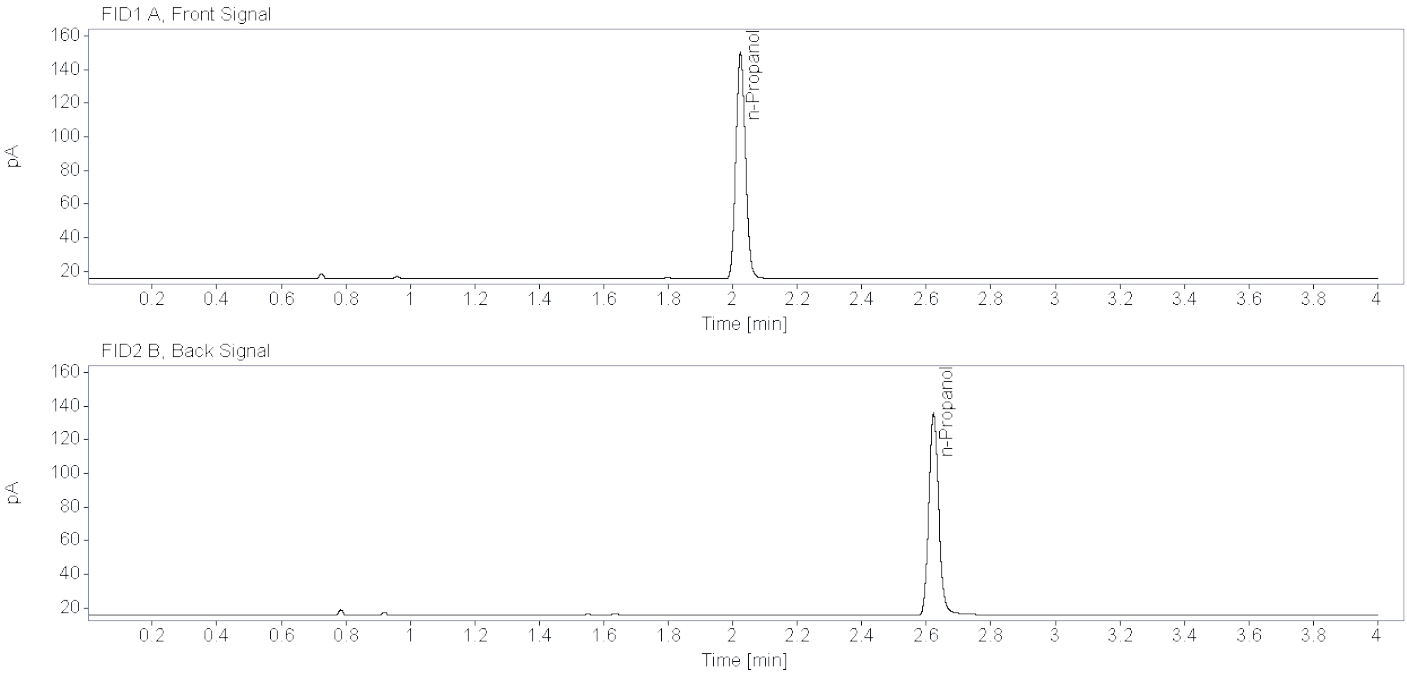
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2141_001 (24-0019) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 19
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 1:02:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\019F1901.D



Name FID1A

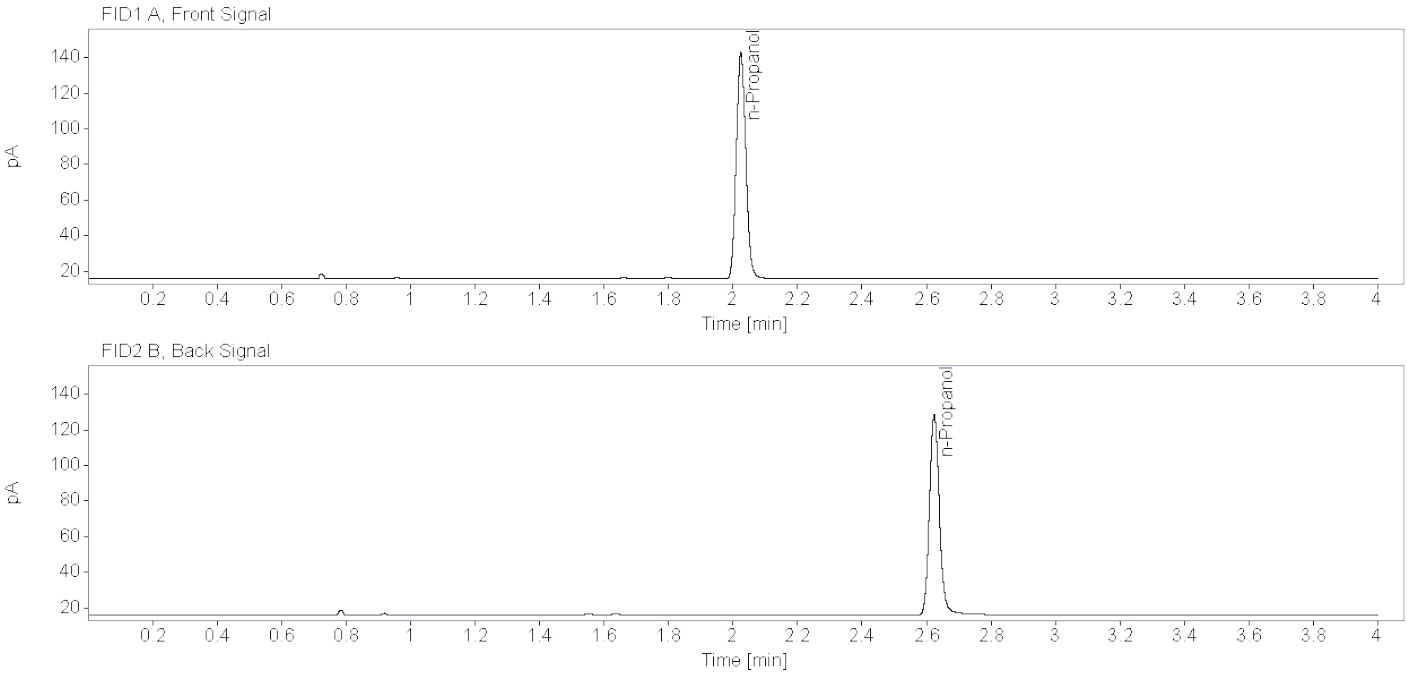
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88349	2.024	2.023	275.5536	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88387	2.623	2.621	253.1181	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2141_001 (24-0069) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 69
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 5:22:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\069F6901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88150	2.024	2.023	259.9724	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87704	2.624	2.621	237.2038	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0001_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1672	Aliquot 1:	0.1672
	Aliquot 2:	0.1733	Aliquot 2:	0.1738

Reported Result: 0.170 g/100 mL

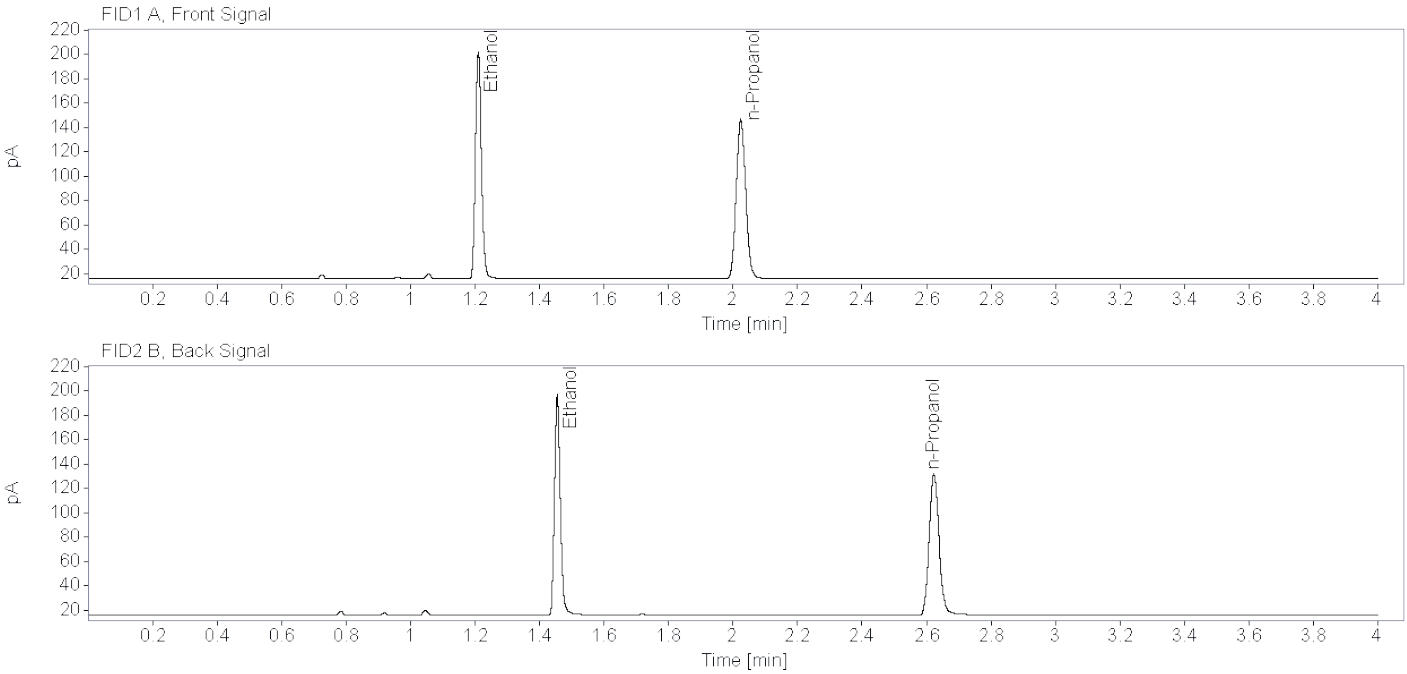
Reported UM: 0.024 g/100 mL

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0001_001 (24-0020) **Description:** Alq 1 **Sample Barcode** 24-0020 **Vial Number:** 20
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 1:07:07 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\020F2001.D



Name FID1A

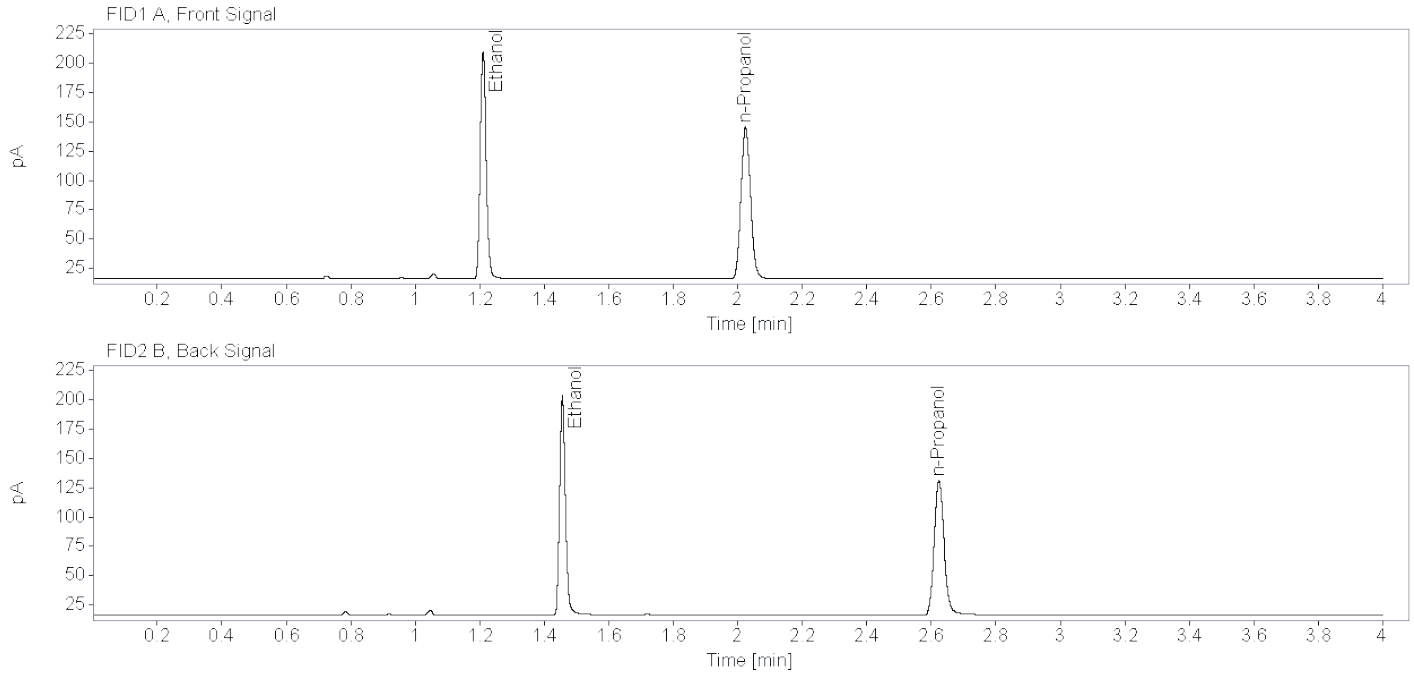
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86133	1.210	1.209	244.3216	0.1672
n-Propanol	0.88242	2.024	2.023	267.3192	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83250	1.455	1.453	228.1382	0.1672
n-Propanol	0.87644	2.623	2.621	245.4455	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0001_001 (24-0068) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 68
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 5:16:43 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\068F6801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85162	1.210	1.209	251.9014	0.1733
n-Propanol	0.88175	2.024	2.023	265.8605	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83443	1.456	1.453	234.8260	0.1738
n-Propanol	0.87417	2.624	2.621	243.0205	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0003_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3028	Aliquot 1:	0.3042
	Aliquot 2:	0.3455	Aliquot 2:	0.3488

Reported Result: ~~0.325~~ **g/100 mL**

Reported UM: **0.047** **g/100 mL**

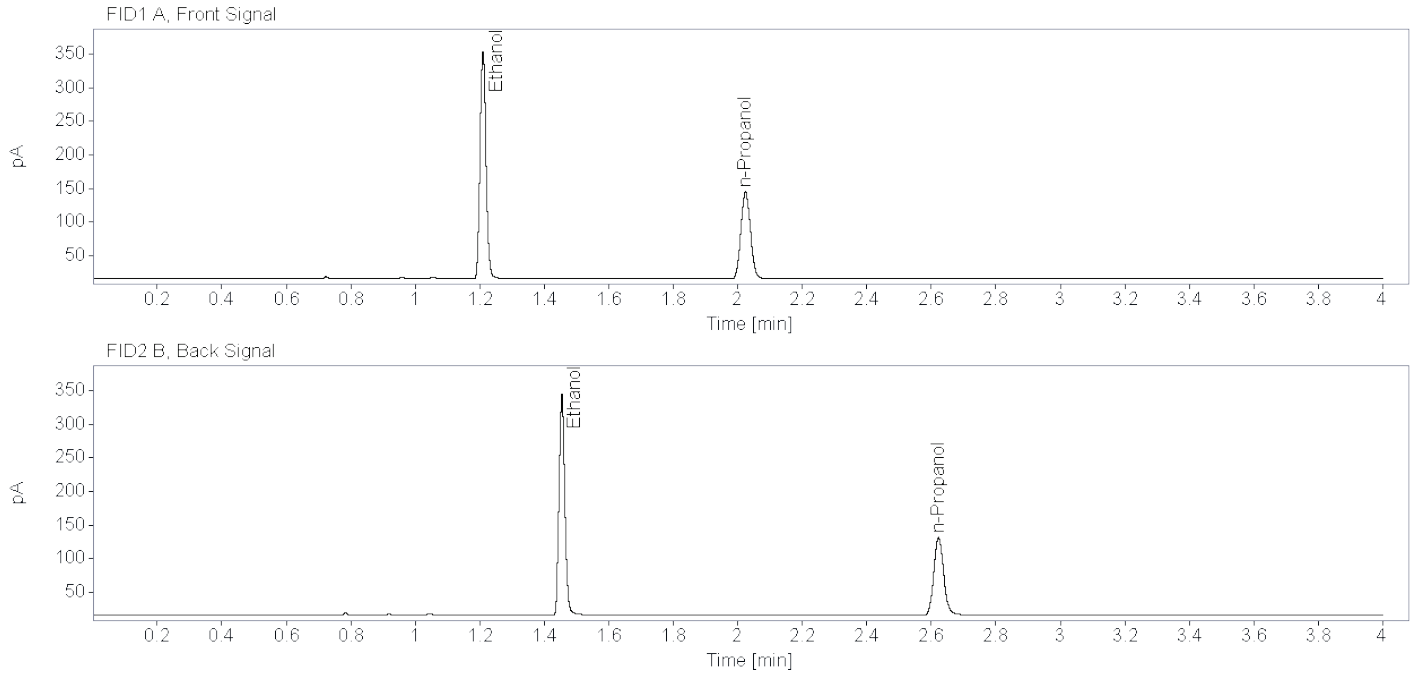
2/16/2024 mh

Comments: Aliquots not within 5% of the average. Case will be repeated. 2/16/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0003_001 (24-0021) **Description:** Alq 1 **Sample Barcode** 24-0021 **Vial Number:** 21
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 1:12:49 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\021F2101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86739	1.210	1.209	441.7685	0.3028
n-Propanol	0.88267	2.024	2.023	266.4567	0.0100

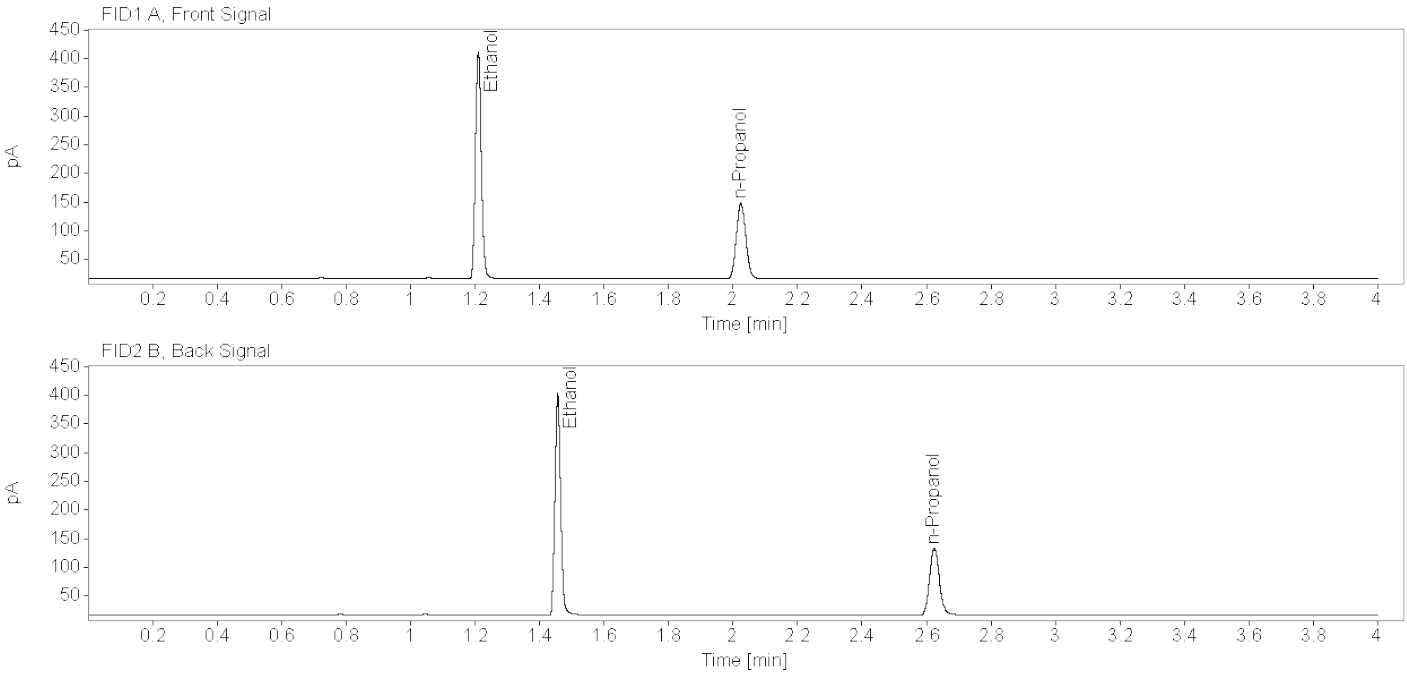
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87113	1.455	1.453	414.3379	0.3042
n-Propanol	0.87916	2.623	2.621	244.2929	0.0100

Aliquots not within 5% of the average. Case will be repeated. 2/16/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0003_001 (24-0067) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 67
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 5:12:01 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\067F6701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88900	1.210	1.209	511.9167	0.3455
n-Propanol	0.87491	2.024	2.023	270.5515	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88502	1.457	1.453	480.9023	0.3488
n-Propanol	0.88818	2.624	2.621	247.1625	0.0100

Aliquots not within 5% of the average. Case will be repeated. 2/16/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0014_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1687	Aliquot 1:	0.1687
	Aliquot 2:	0.1846	Aliquot 2:	0.1857

Reported Result: **0.176** **g/100 mL**

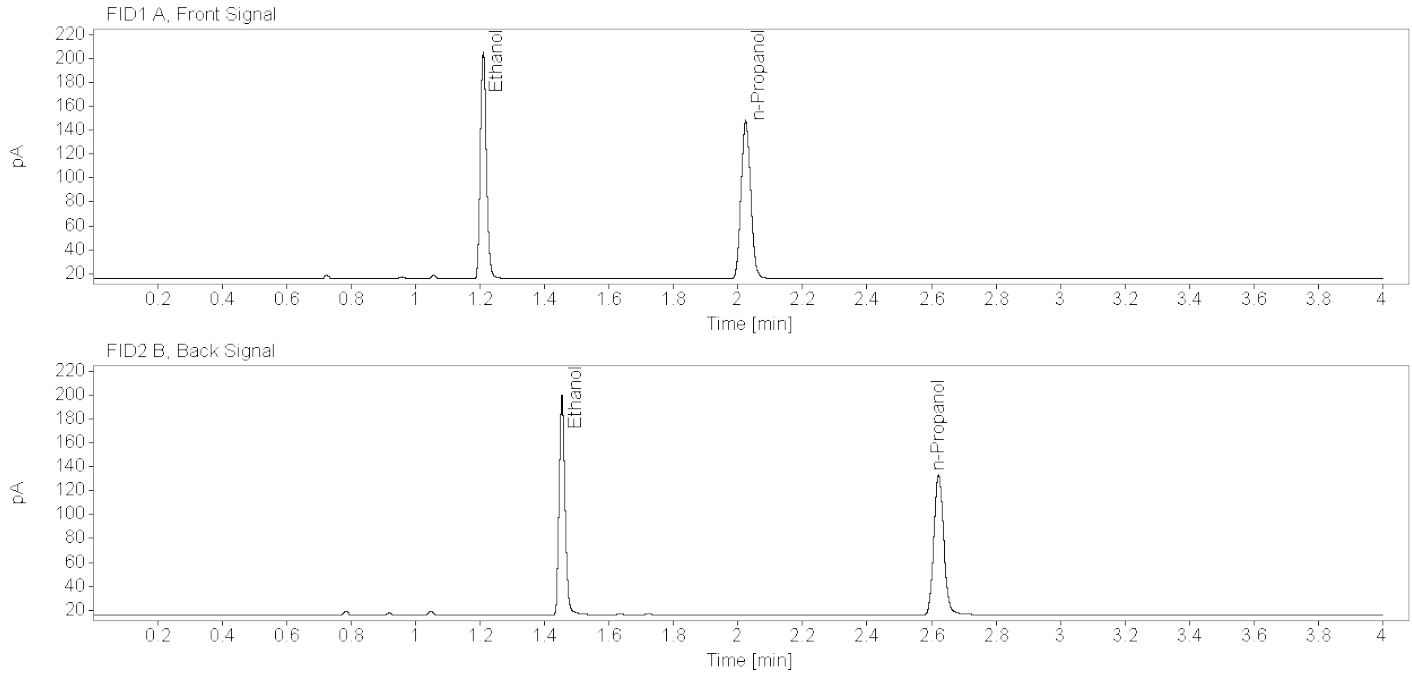
Reported UM: **0.025** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0014_001 (24-0023) **Description:** Alq 1 **Sample Barcode** 24-0023 **Vial Number:** 23
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 1:23:13 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\023F2301.D



Name FID1A

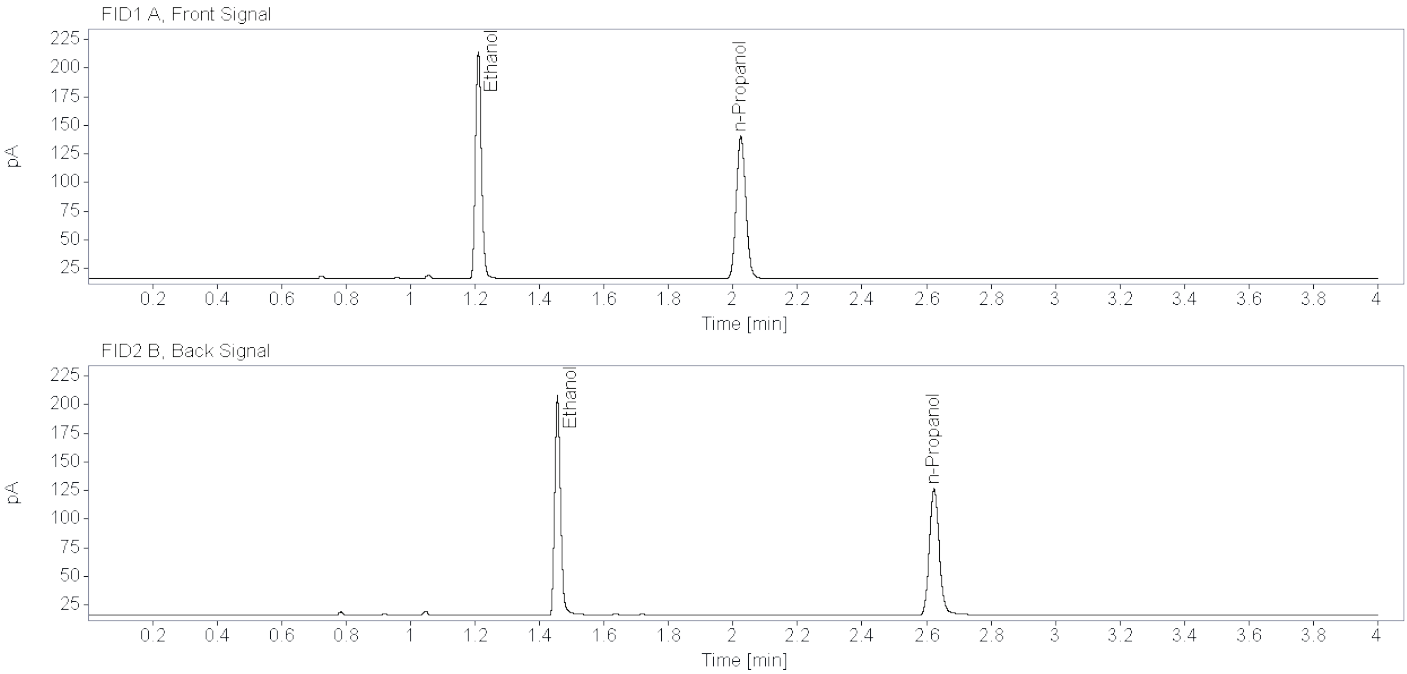
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85939	1.210	1.209	250.6383	0.1687
n-Propanol	0.88182	2.024	2.023	271.7223	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82853	1.454	1.453	234.0386	0.1687
n-Propanol	0.88062	2.622	2.621	249.4490	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0014_001 (24-0065) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 65
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 5:01:36 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\065F6501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86424	1.210	1.209	257.9969	0.1846
n-Propanol	0.88092	2.024	2.023	255.5489	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83667	1.456	1.453	240.8164	0.1857
n-Propanol	0.87481	2.623	2.621	233.1522	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0015_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2426	Aliquot 1:	0.2430
	Aliquot 2:	0.2719	Aliquot 2:	0.2734

Reported Result: ~~0.257~~ **0.037** **g/100 mL**

Reported UM: **0.037** **g/100 mL**

2/16/2024 mh

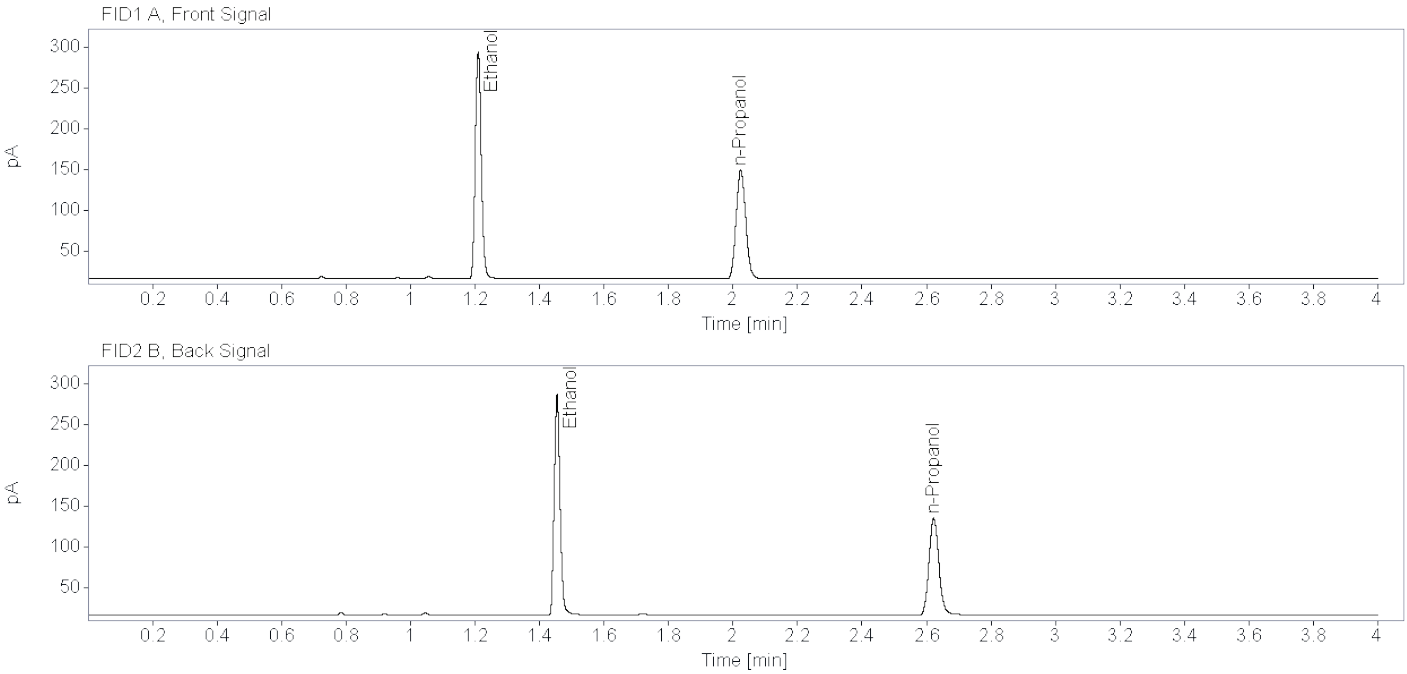
Comments:

Aliquots not within 5% of the average. Case will be repeated. 2/16/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0015_001 (24-0024) **Description:** Alq 1 **Sample Barcode** 24-0024 **Vial Number:** 24
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 1:27:55 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\024F2401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86702	1.210	1.209	365.1389	0.2426
n-Propanol	0.88766	2.024	2.023	275.0042	0.0100

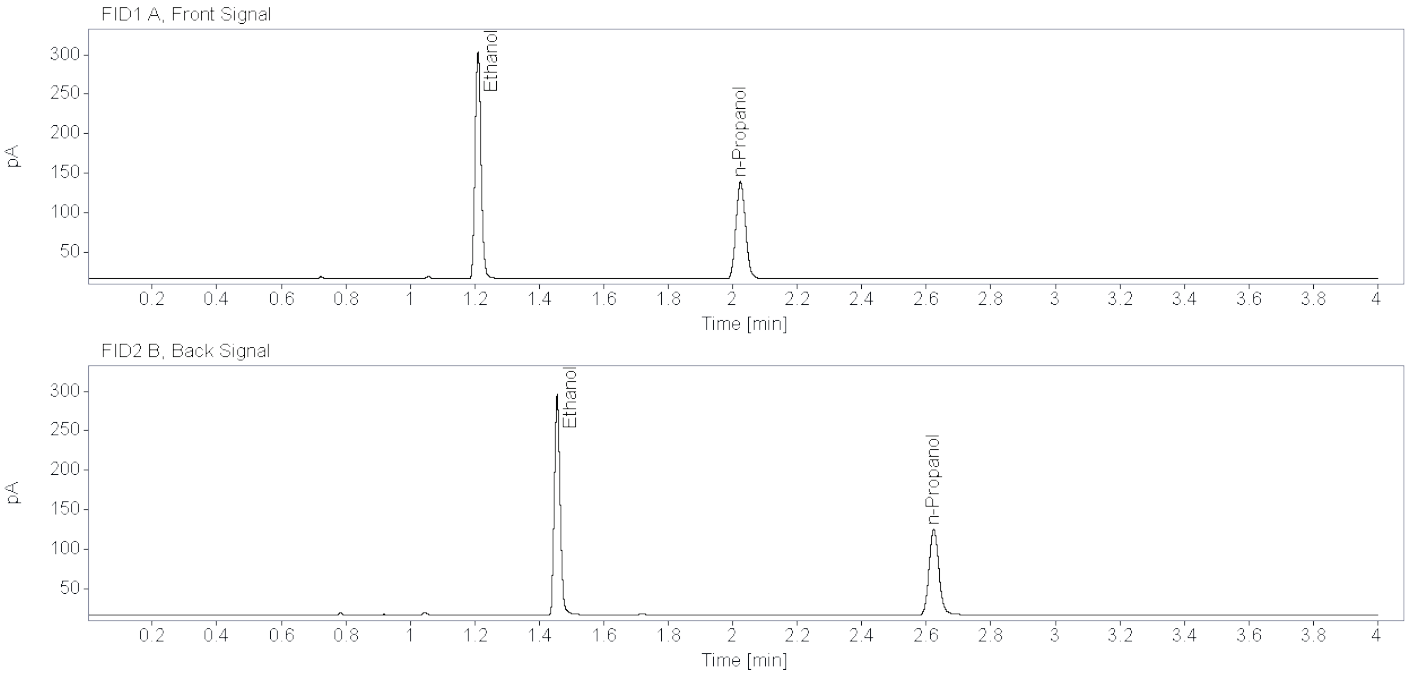
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85392	1.454	1.453	342.1021	0.2430
n-Propanol	0.88030	2.622	2.621	252.6878	0.0100

Aliquots not within 5% of the average. Case will be repeated. 2/16/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0015_001 (24-0064) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 64
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 4:55:55 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\064F6401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86105	1.210	1.209	374.2608	0.2719
n-Propanol	0.87869	2.024	2.023	251.4516	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85672	1.456	1.453	350.1589	0.2734
n-Propanol	0.85739	2.623	2.621	229.7862	0.0100

Aliquots not within 5% of the average. Case will be repeated. 2/16/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0023_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1611	Aliquot 1:	0.1612
	Aliquot 2:	0.1791	Aliquot 2:	0.1801

Reported Result: ~~0.170~~ **g/100 mL**

Reported UM: **0.024** **g/100 mL**

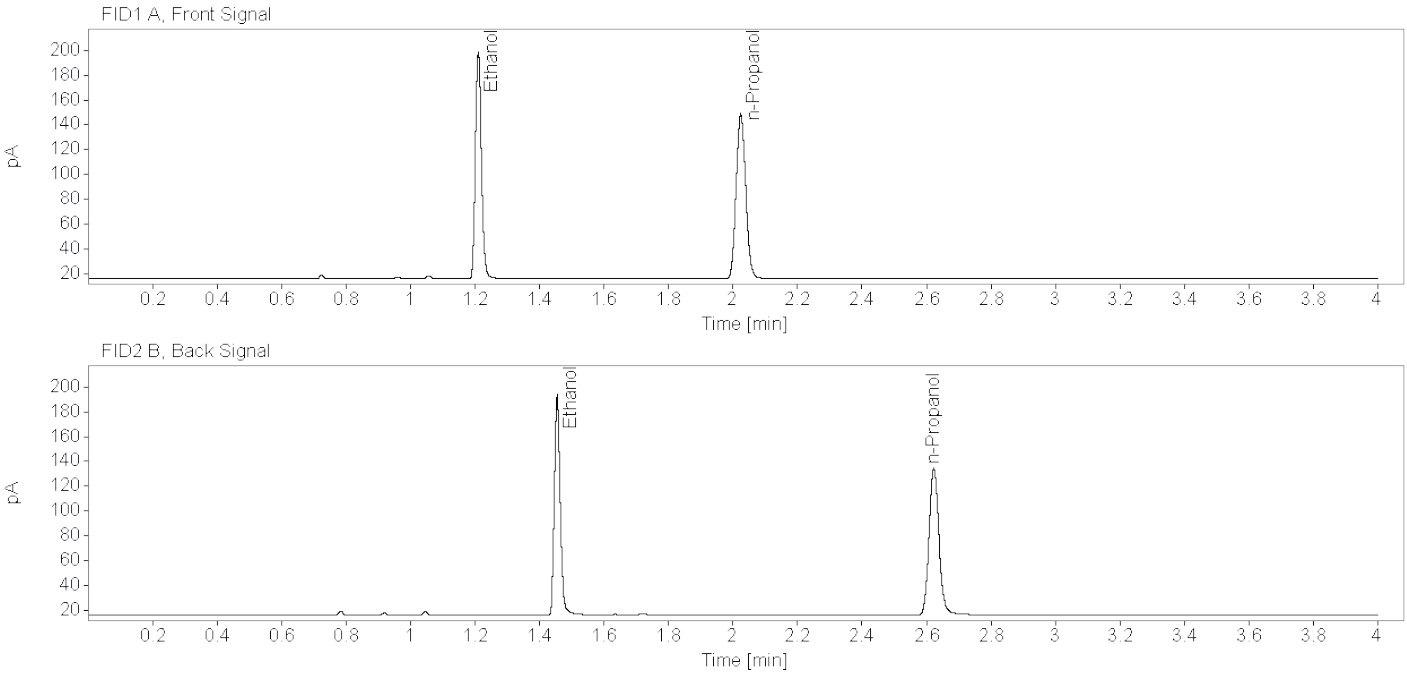
2/16/2024 mh

Comments: Aliquots not within 5% of the average. Case will be repeated. 2/16/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0023_001 (24-0025) **Description:** Alq 1 **Sample Barcode** 24-0025 **Vial Number:** 25
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 1:33:36 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\025F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86043	1.210	1.209	241.0650	0.1611
n-Propanol	0.88708	2.024	2.023	273.7335	0.0100

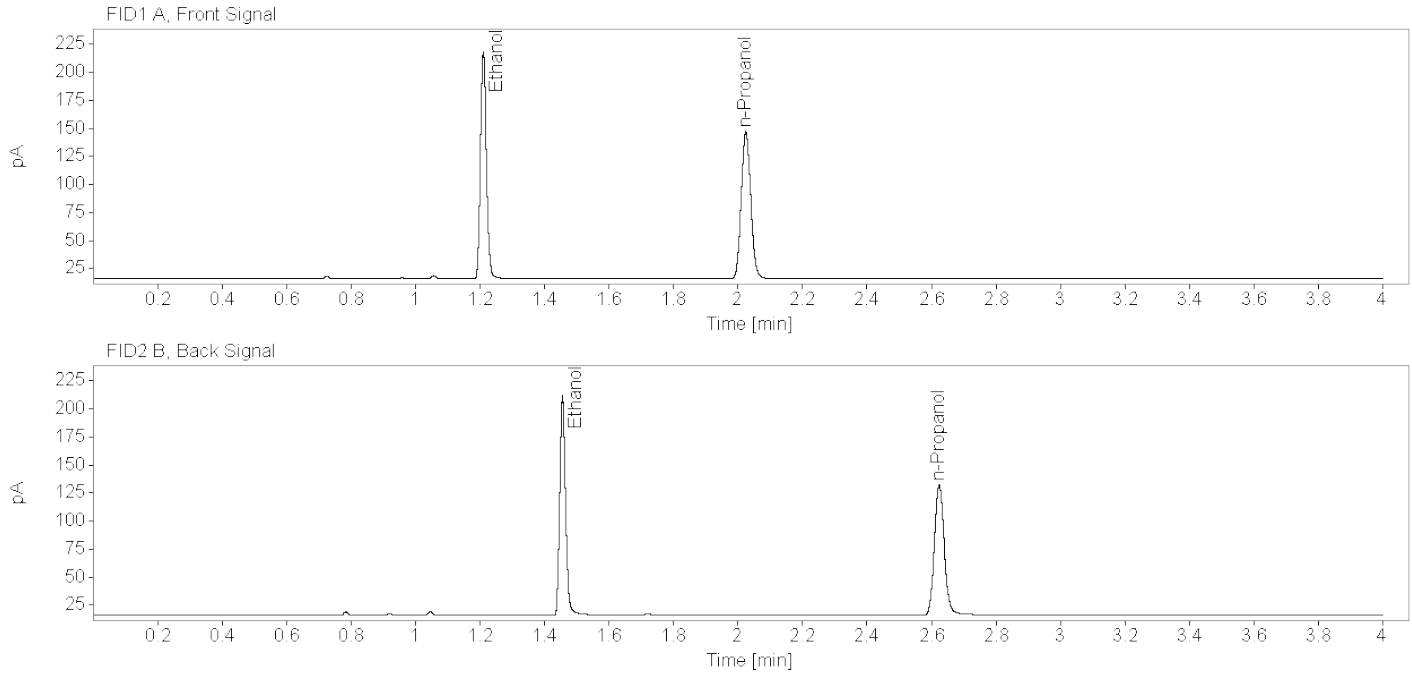
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82746	1.455	1.453	225.0001	0.1612
n-Propanol	0.87973	2.623	2.621	251.1582	0.0100

Aliquots not within 5% of the average. Case will be repeated. 2/16/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0023_001 (24-0063) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 63
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 4:51:12 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\063F6301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86460	1.210	1.209	263.2109	0.1791
n-Propanol	0.88574	2.024	2.023	268.7383	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83982	1.456	1.453	245.9010	0.1801
n-Propanol	0.88281	2.624	2.621	245.4585	0.0100

Aliquots not within 5% of the average. Case will be repeated. 2/16/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0024_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1866	Aliquot 1:	0.1868
	Aliquot 2:	0.1740	Aliquot 2:	0.1744

Reported Result: **0.180** **g/100 mL**

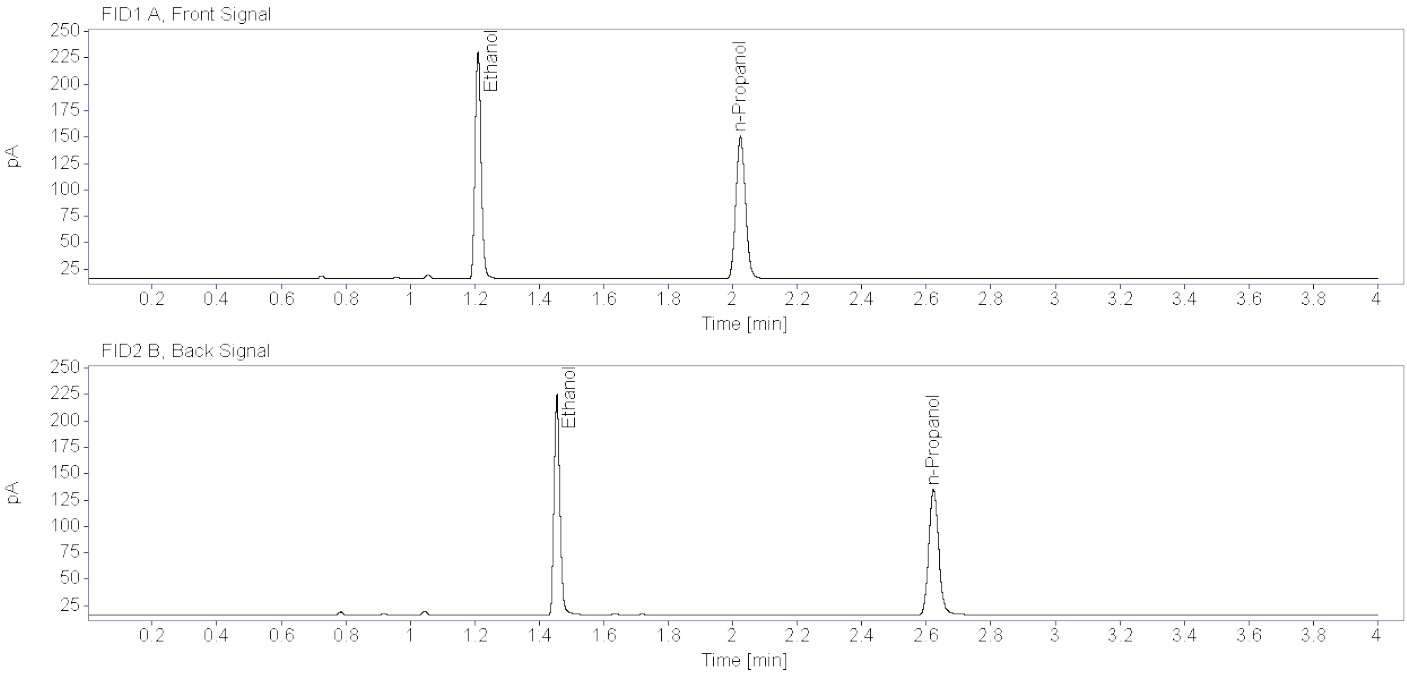
Reported UM: **0.026** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0024_001 (24-0026) **Description:** Alq 1 **Sample Barcode** 24-0026 **Vial Number:** 26
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 1:38:19 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\026F2601.D



Name FID1A

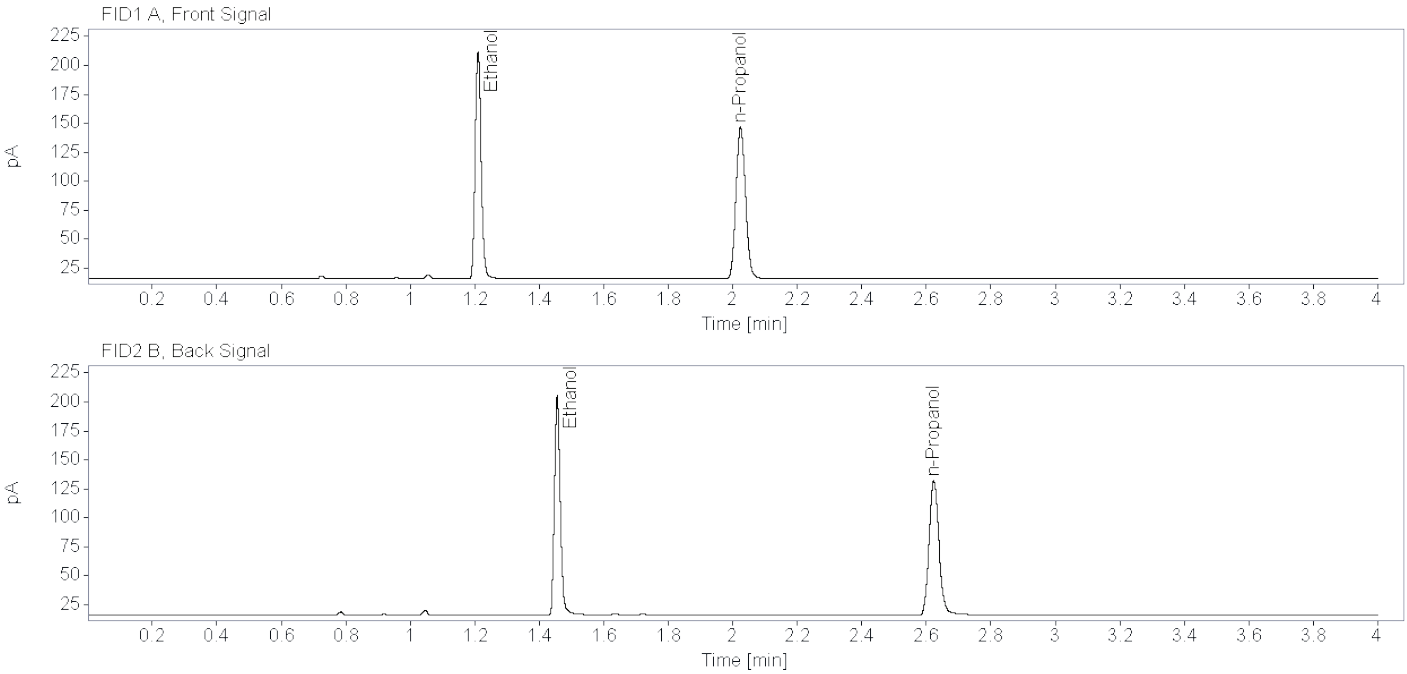
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85128	1.210	1.209	281.4337	0.1866
n-Propanol	0.87688	2.024	2.023	275.8293	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83325	1.455	1.453	263.1408	0.1868
n-Propanol	0.88215	2.623	2.621	253.2624	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0024_001 (24-0062) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 62
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 4:45:32 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\062F6201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85030	1.210	1.209	255.2854	0.1740
n-Propanol	0.87700	2.024	2.023	268.2831	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83211	1.456	1.453	237.8972	0.1744
n-Propanol	0.87531	2.623	2.621	245.2433	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0025_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0733	Aliquot 1:	0.0729
	Aliquot 2:	0.0756	Aliquot 2:	0.0753

Reported Result: ~~0.074~~ **g/100 mL**

Reported UM: **0.011** **g/100 mL**

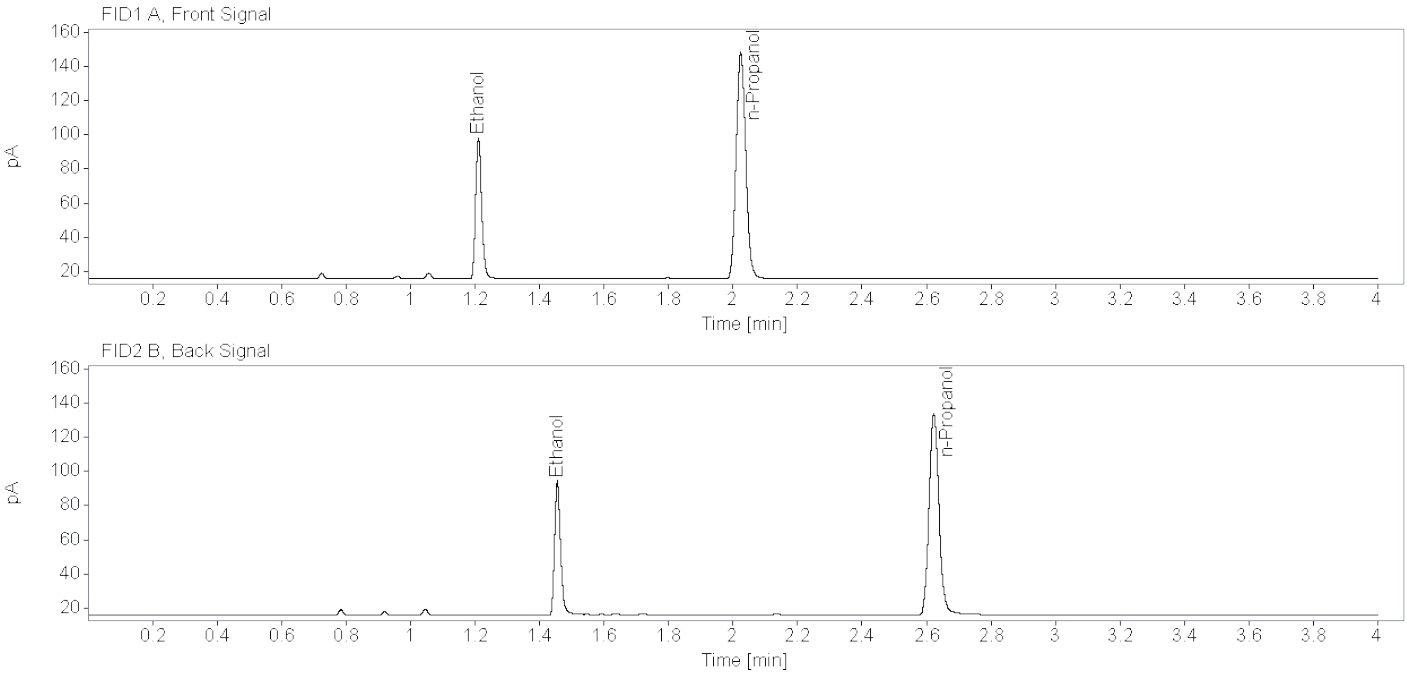
2/16/2024 mh

Comments: Internal standard area counts did not meet acceptance criteria on second aliquot. Case will be repeated. 2/16/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0025_001 (24-0027) **Description:** Alq 1 **Sample Barcode** 24-0027 **Vial Number:** 27
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 1:44:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\027F2701.D



Name FID1A

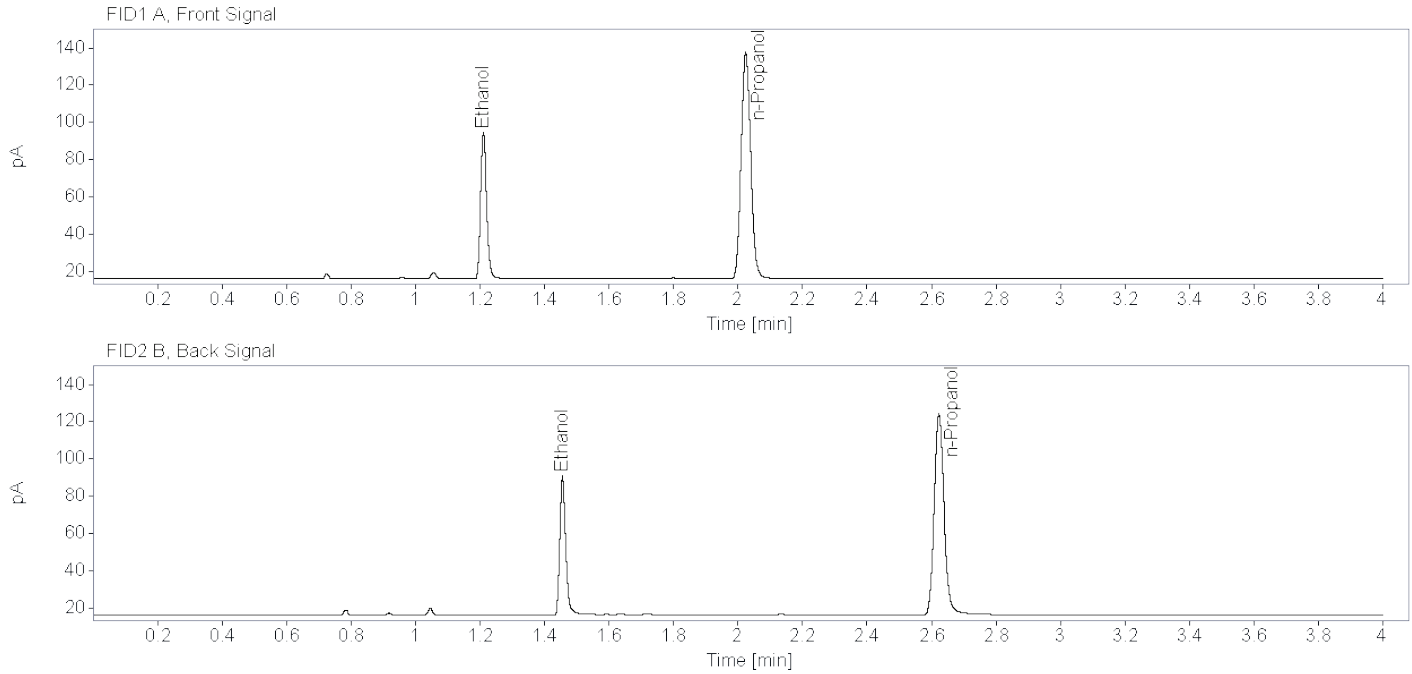
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84036	1.211	1.209	108.7372	0.0733
n-Propanol	0.88689	2.024	2.023	272.5324	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78854	1.455	1.453	100.4202	0.0729
n-Propanol	0.88006	2.623	2.621	249.7487	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0025_001 (24-0061) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 61
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 4:40:48 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\061F6101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83846	1.211	1.209	102.5460	0.0756
n-Propanol	0.87464	2.024	2.023	249.0477	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78450	1.456	1.453	94.3672	0.0753
n-Propanol	0.87095	2.623	2.621	227.1001	0.0100

Internal standard area counts did not meet acceptance criteria.
Case will be repeated. 2/16/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0031_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1800	Aliquot 1:	0.1801
	Aliquot 2:	0.1985	Aliquot 2:	0.1997

Reported Result: ~~0.189~~ **0.027** **g/100 mL**

Reported UM: **0.027** **g/100 mL**

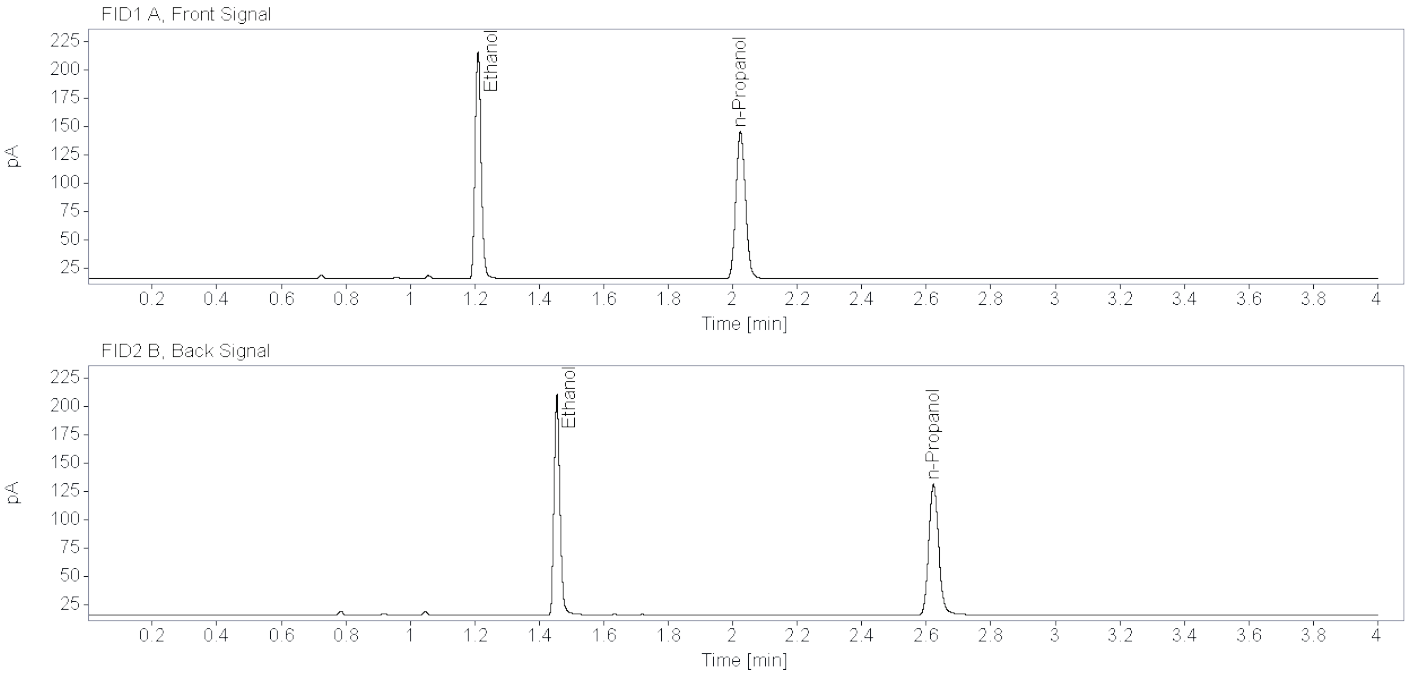
2/16/2024 mh

Comments: Aliquots not within 5% of the average. Case will be repeated. 2/16/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0031_001 (24-0028) **Description:** Alq 1 **Sample Barcode** 24-0028 **Vial Number:** 28
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 1:48:43 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84972	1.210	1.209	262.6177	0.1800
n-Propanol	0.88100	2.024	2.023	266.7727	0.0100

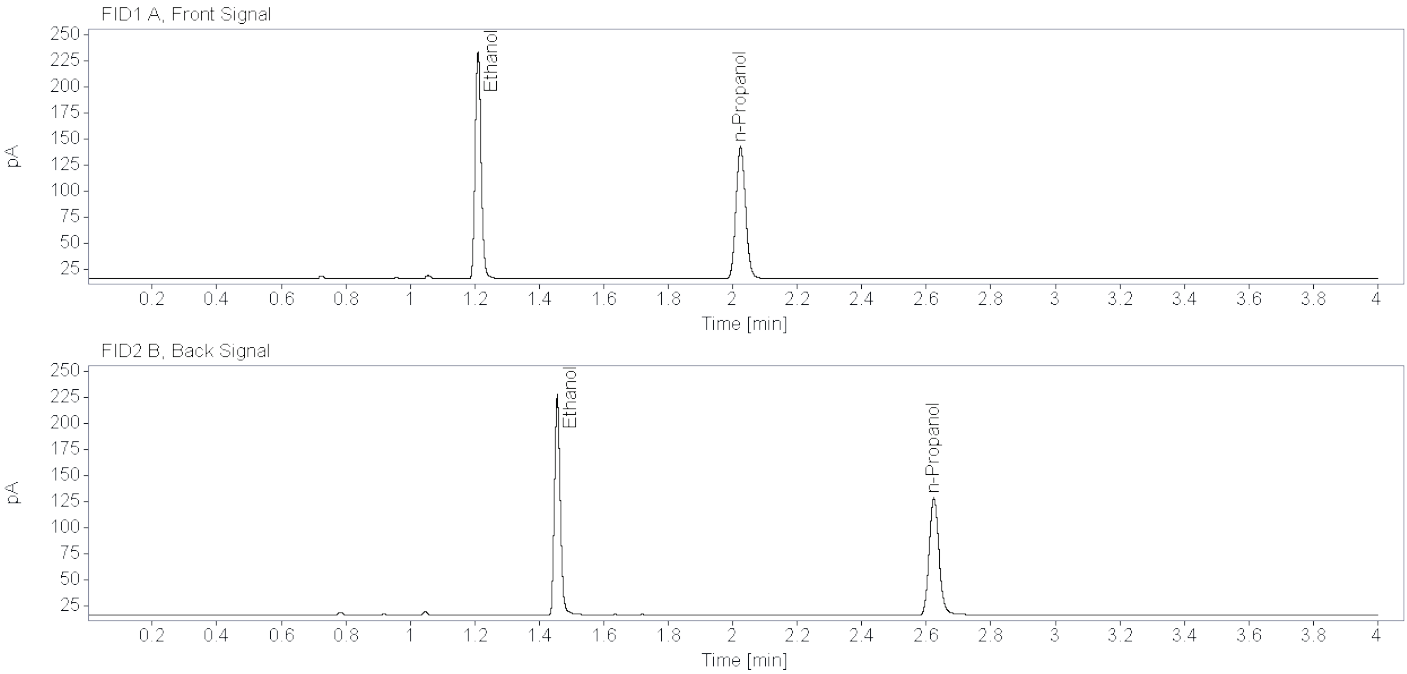
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83015	1.455	1.453	245.0491	0.1801
n-Propanol	0.87550	2.622	2.621	244.5696	0.0100

Aliquots not within 5% of the average. Case will be repeated. 2/16/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0031_001 (24-0060) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 60
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 4:35:07 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\060F6001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85428	1.210	1.209	282.3957	0.1985
n-Propanol	0.87597	2.024	2.023	260.1036	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83996	1.456	1.453	264.1606	0.1997
n-Propanol	0.86808	2.624	2.621	237.6311	0.0100

Aliquots not within 5% of the average. Case will be repeated. 2/16/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0032_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1857	Aliquot 1:	0.1863
	Aliquot 2:	0.1848	Aliquot 2:	0.1856

Reported Result: **0.185** **g/100 mL**

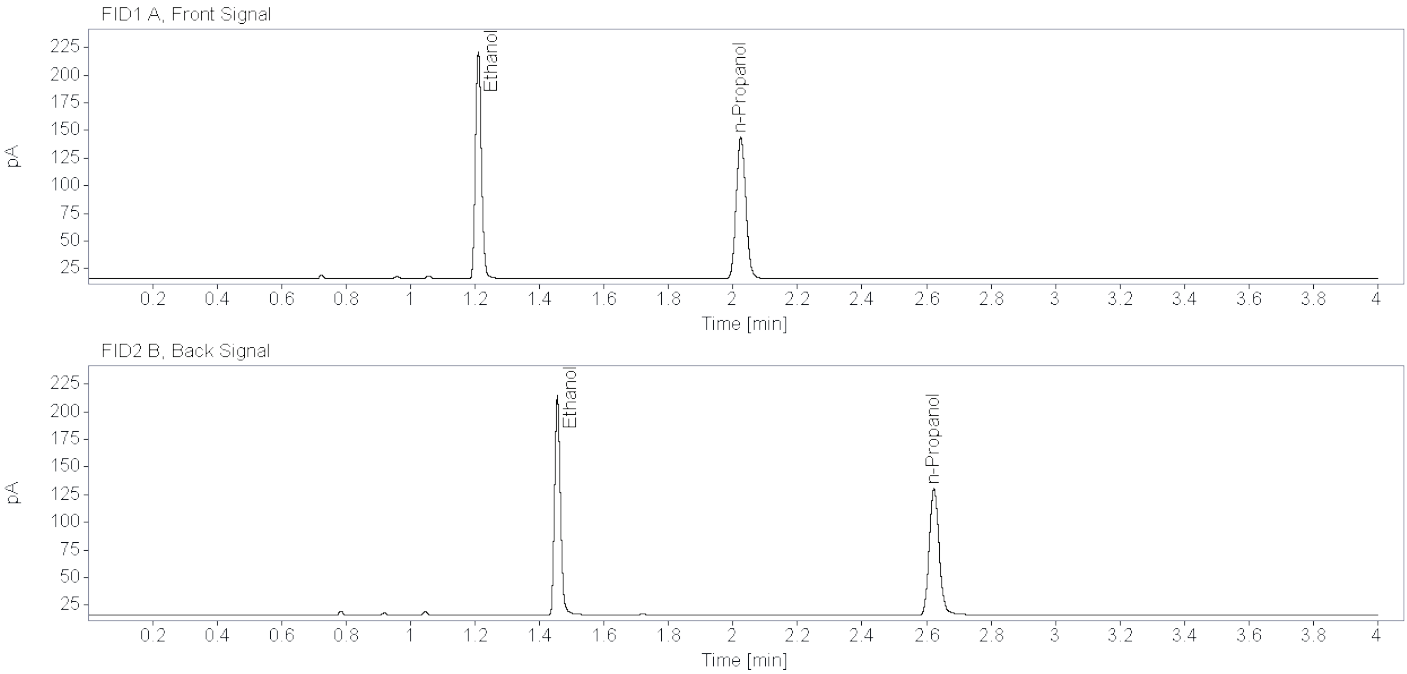
Reported UM: **0.027** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0032_001 (24-0029) **Description:** Alq 1 **Sample Barcode** 24-0029 **Vial Number:** 29
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 1:54:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\029F2901.D



Name FID1A

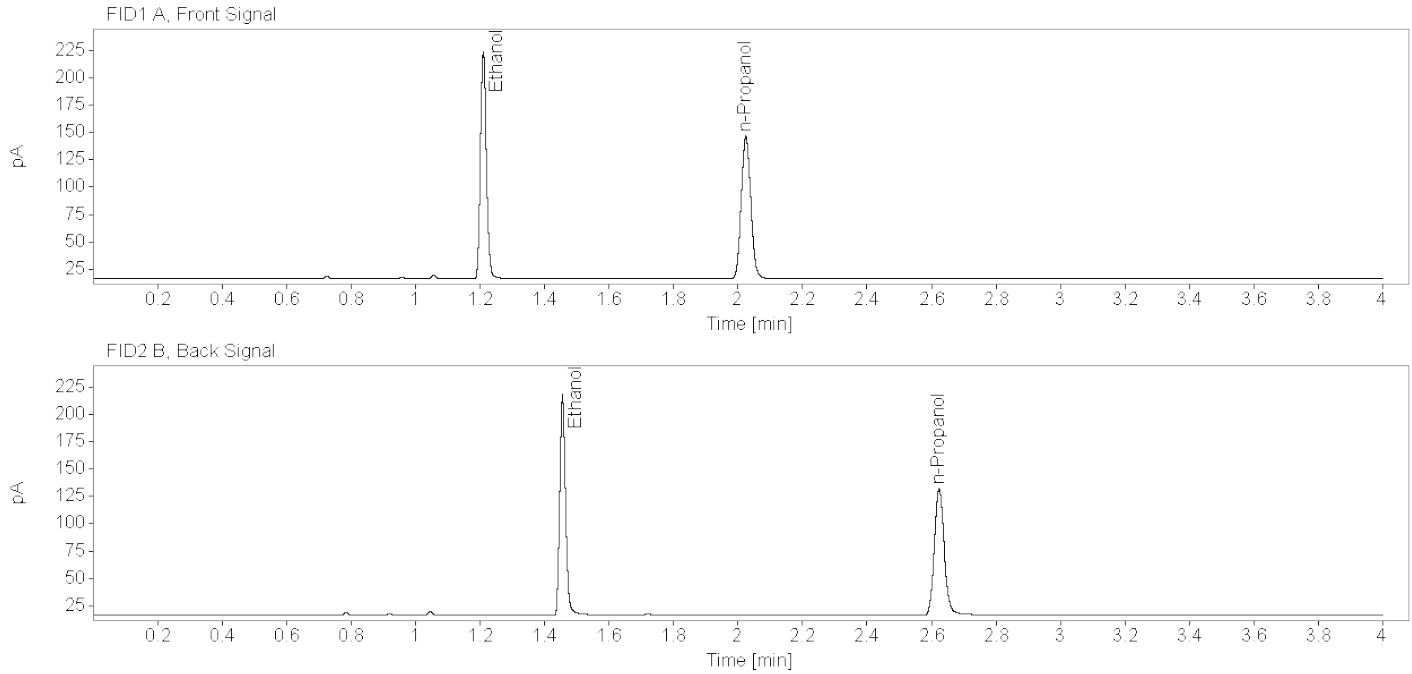
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86629	1.210	1.209	268.1794	0.1857
n-Propanol	0.88871	2.024	2.023	264.0730	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83878	1.455	1.453	250.6871	0.1863
n-Propanol	0.87344	2.623	2.621	241.8901	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0032_001 (24-0059) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 59
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 4:30:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\059F5901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86243	1.210	1.209	270.7230	0.1848
n-Propanol	0.88480	2.024	2.023	267.8240	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83909	1.456	1.453	252.5135	0.1856
n-Propanol	0.87858	2.623	2.621	244.6129	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0038_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2414	Aliquot 1:	0.2426
	Aliquot 2:	0.2463	Aliquot 2:	0.2481

Reported Result: **0.244** **g/100 mL**

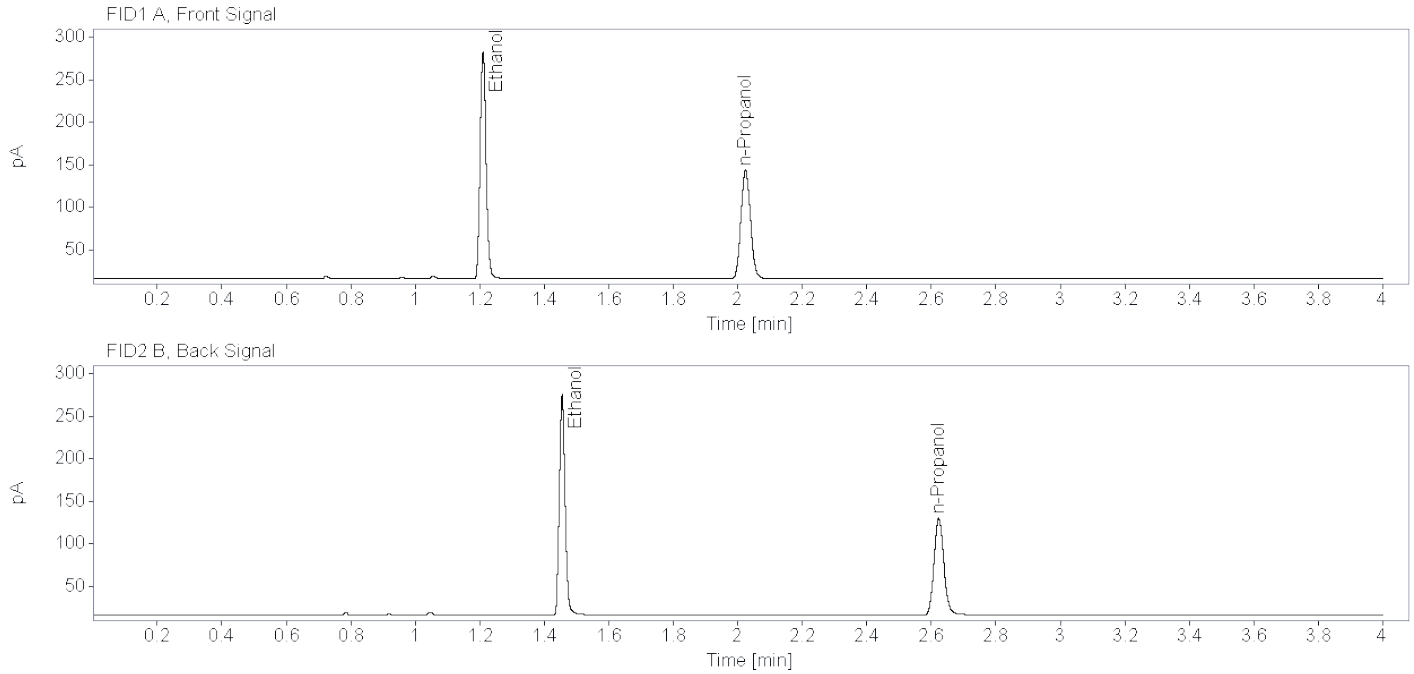
Reported UM: **0.035** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0038_001 (24-0030) **Description:** Alq 1 **Sample Barcode** 24-0030 **Vial Number:** 30
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 1:59:07 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\030F3001.D



Name FID1A

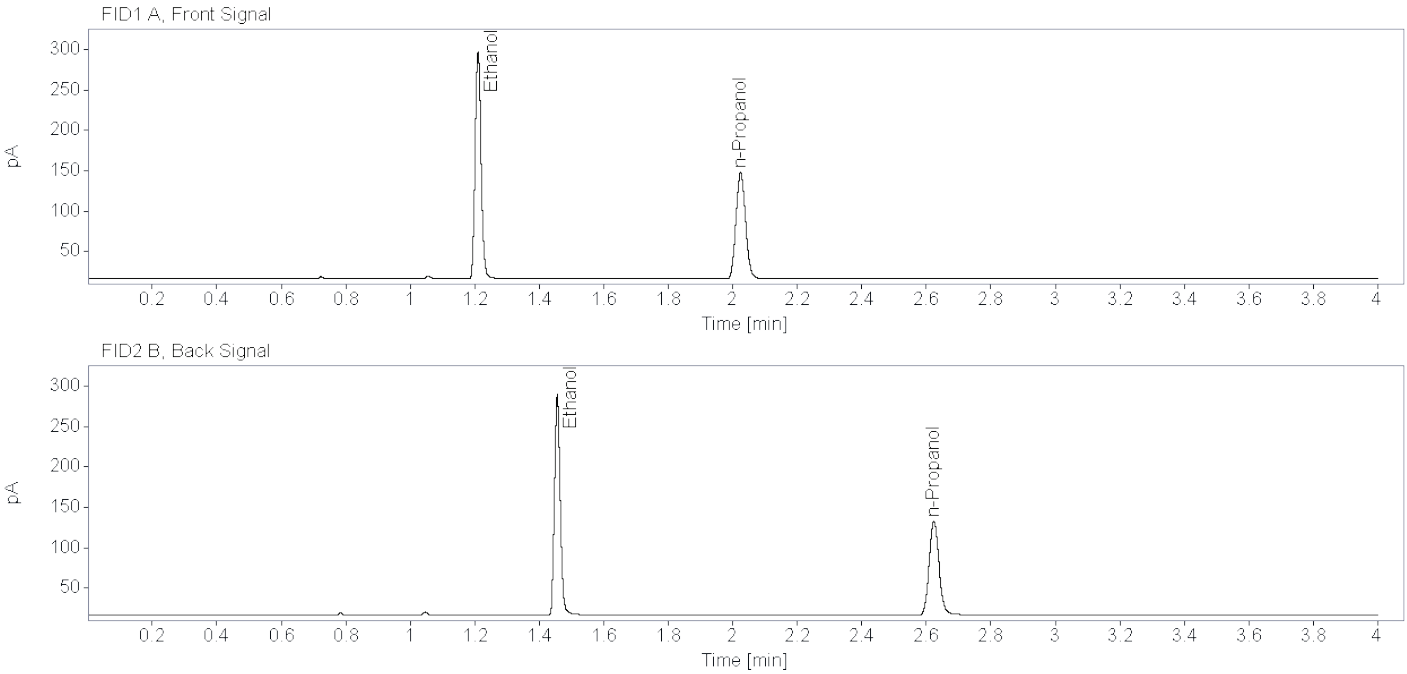
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86137	1.210	1.209	348.1227	0.2414
n-Propanol	0.87369	2.024	2.023	263.5543	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85437	1.455	1.453	325.9385	0.2426
n-Propanol	0.87535	2.623	2.621	241.2384	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0038_001 (24-0058) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 58
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 4:24:43 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86316	1.210	1.209	364.8150	0.2463
n-Propanol	0.88382	2.024	2.023	270.6568	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85775	1.456	1.453	341.6826	0.2481
n-Propanol	0.87702	2.624	2.621	247.1861	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0067_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2557	Aliquot 1:	0.2572
	Aliquot 2:	0.2633	Aliquot 2:	0.2652

Reported Result: **0.260** **g/100 mL**

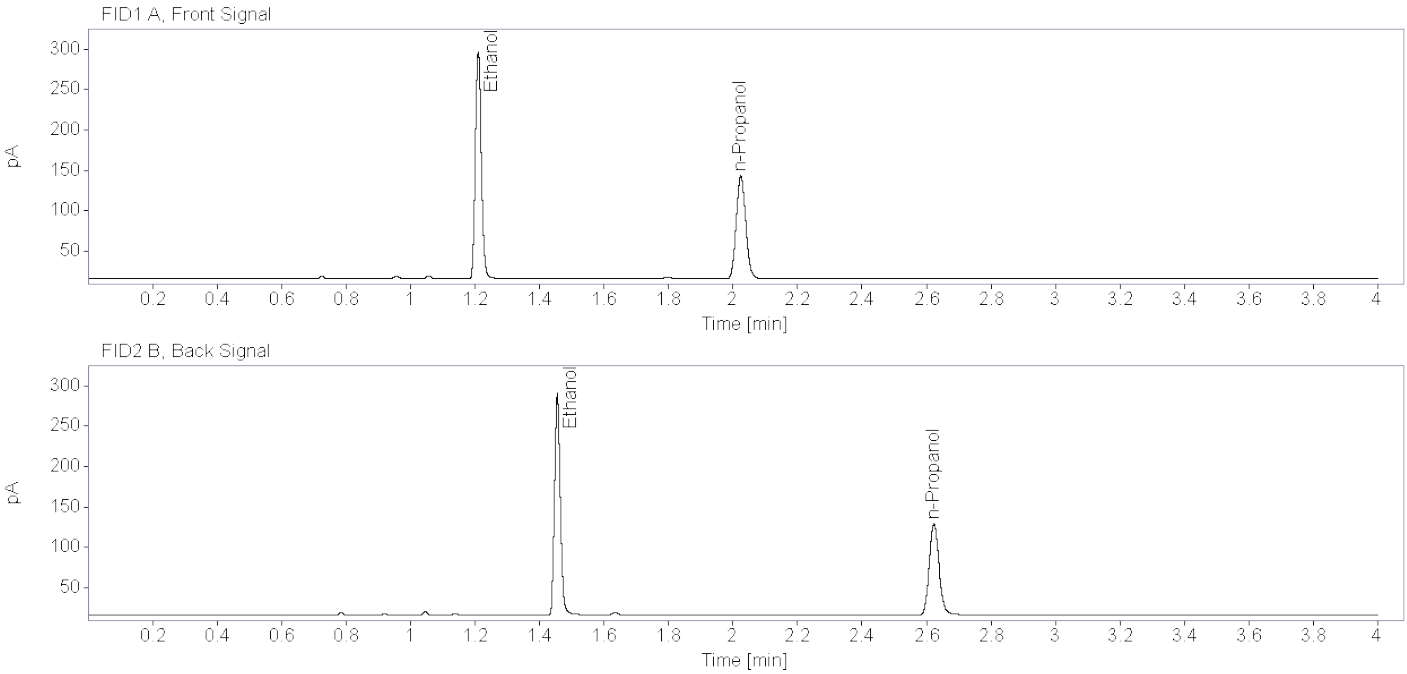
Reported UM: **0.037** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0067_001 (24-0031) **Description:** Alq 1 **Sample Barcode** 24-0031 **Vial Number:** 31
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 2:04:48 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\031F3101.D



Name FID1A

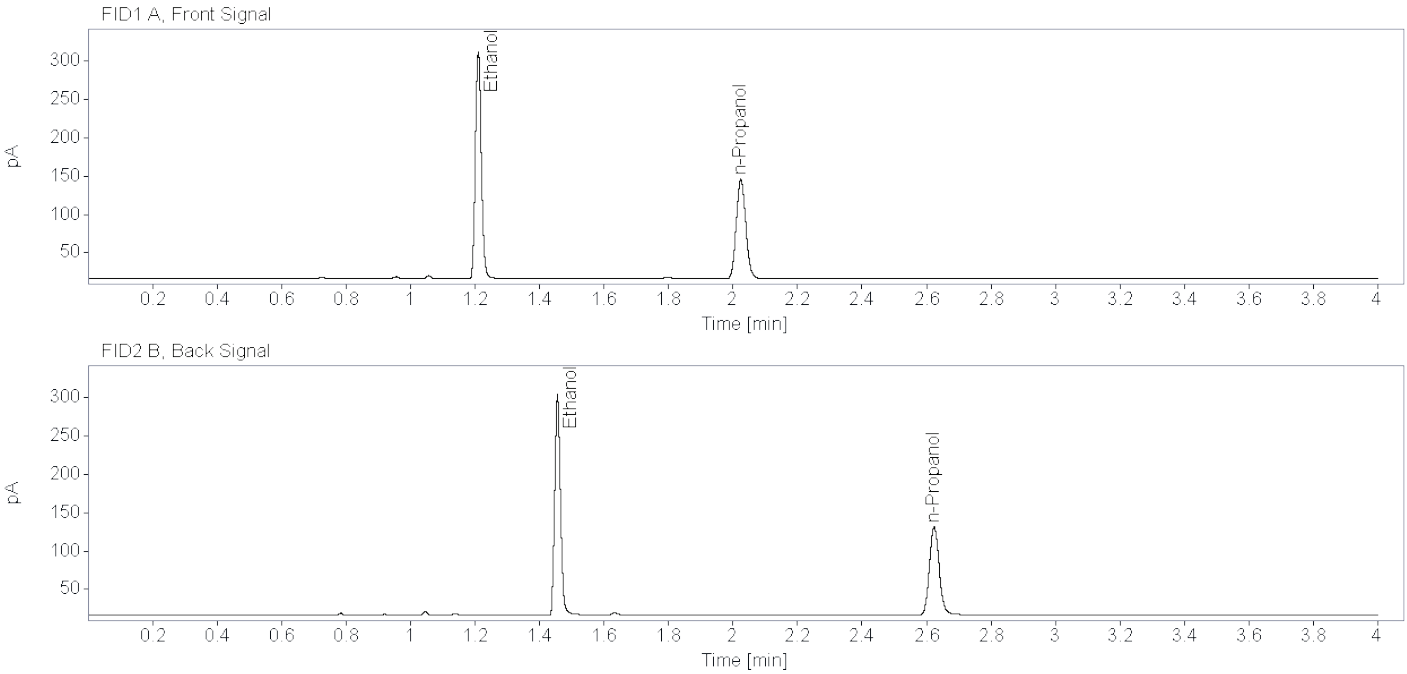
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87314	1.210	1.209	366.2083	0.2557
n-Propanol	0.88371	2.024	2.023	261.6222	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86098	1.455	1.453	342.5454	0.2572
n-Propanol	0.86948	2.623	2.621	239.0206	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0067_001 (24-0057) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 57
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 4:20:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\057F5701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87427	1.210	1.209	384.3158	0.2633
n-Propanol	0.88586	2.024	2.023	266.6259	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86749	1.456	1.453	359.4805	0.2652
n-Propanol	0.87318	2.624	2.621	243.2450	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0068_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2080	Aliquot 1:	0.2090
	Aliquot 2:	0.2232	Aliquot 2:	0.2243

Reported Result: 0.216 g/100 mL

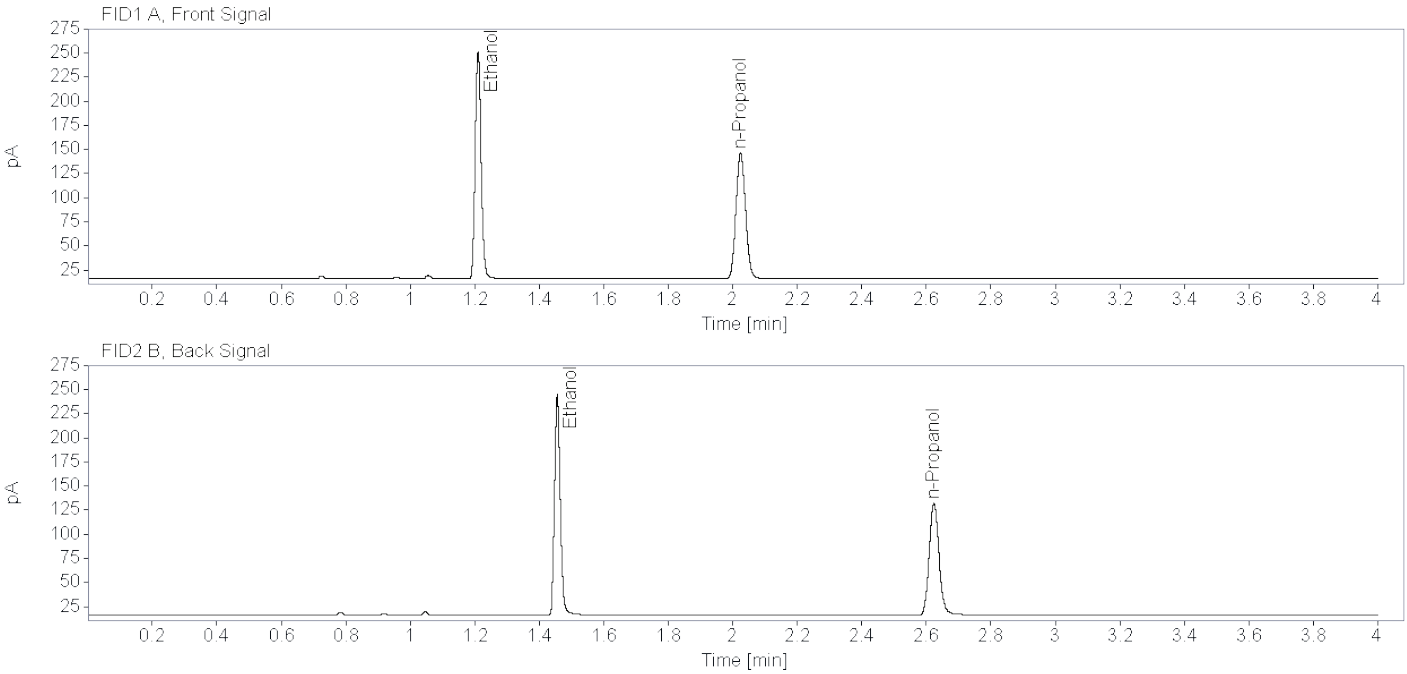
Reported UM: 0.031 g/100 mL

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0068_001 (24-0032) **Description:** Alq 1 **Sample Barcode** 24-0032 **Vial Number:** 32
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 2:09:31 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\032F3201.D



Name FID1A

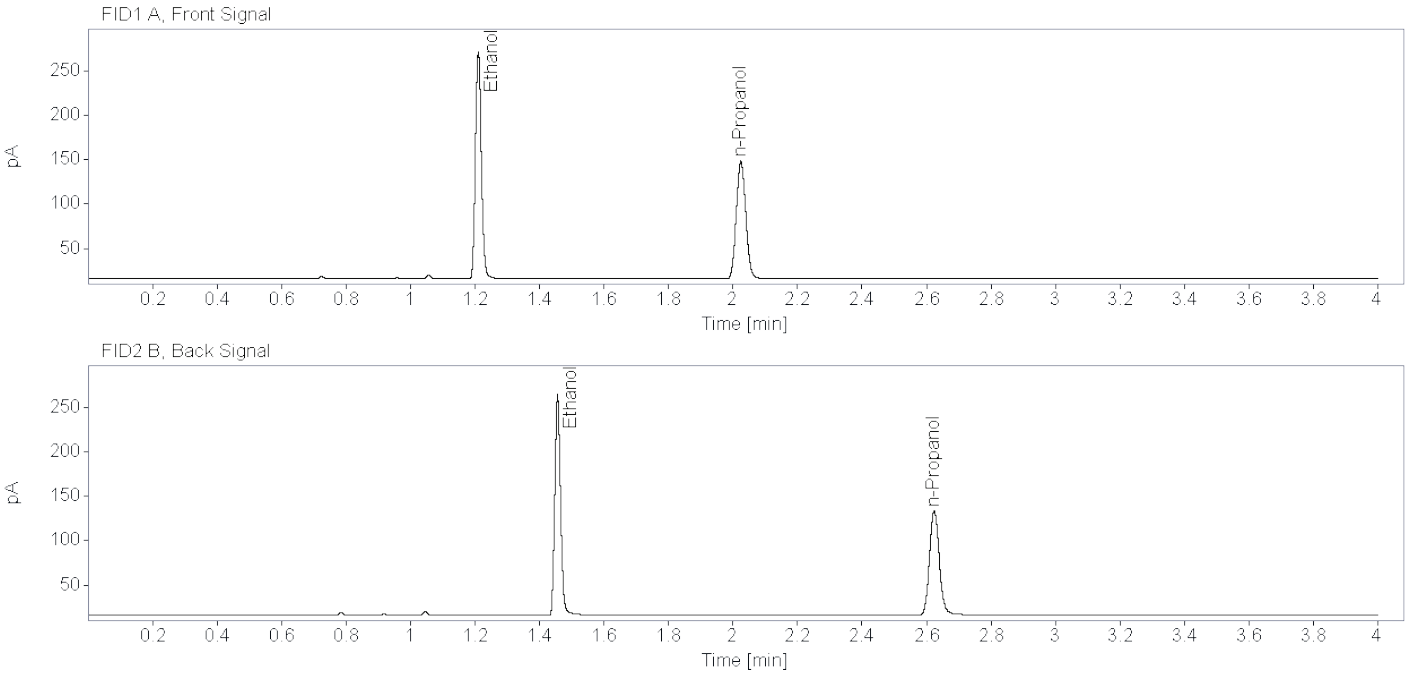
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85994	1.210	1.209	304.8388	0.2080
n-Propanol	0.88372	2.024	2.023	267.8706	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84347	1.456	1.453	285.2824	0.2090
n-Propanol	0.87508	2.624	2.621	245.1578	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0068_001 (24-0056) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 56
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 4:14:19 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\056F5601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87176	1.210	1.209	330.9521	0.2232
n-Propanol	0.88593	2.024	2.023	270.9658	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85850	1.456	1.453	309.1412	0.2243
n-Propanol	0.87986	2.624	2.621	247.4791	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0069_002

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1682	Aliquot 1:	0.1683
	Aliquot 2:	0.1511	Aliquot 2:	0.1512

Reported Result: ~~0.159~~ **g/100 mL**

Reported UM: **0.023** **g/100 mL**

2/16/2024 mh

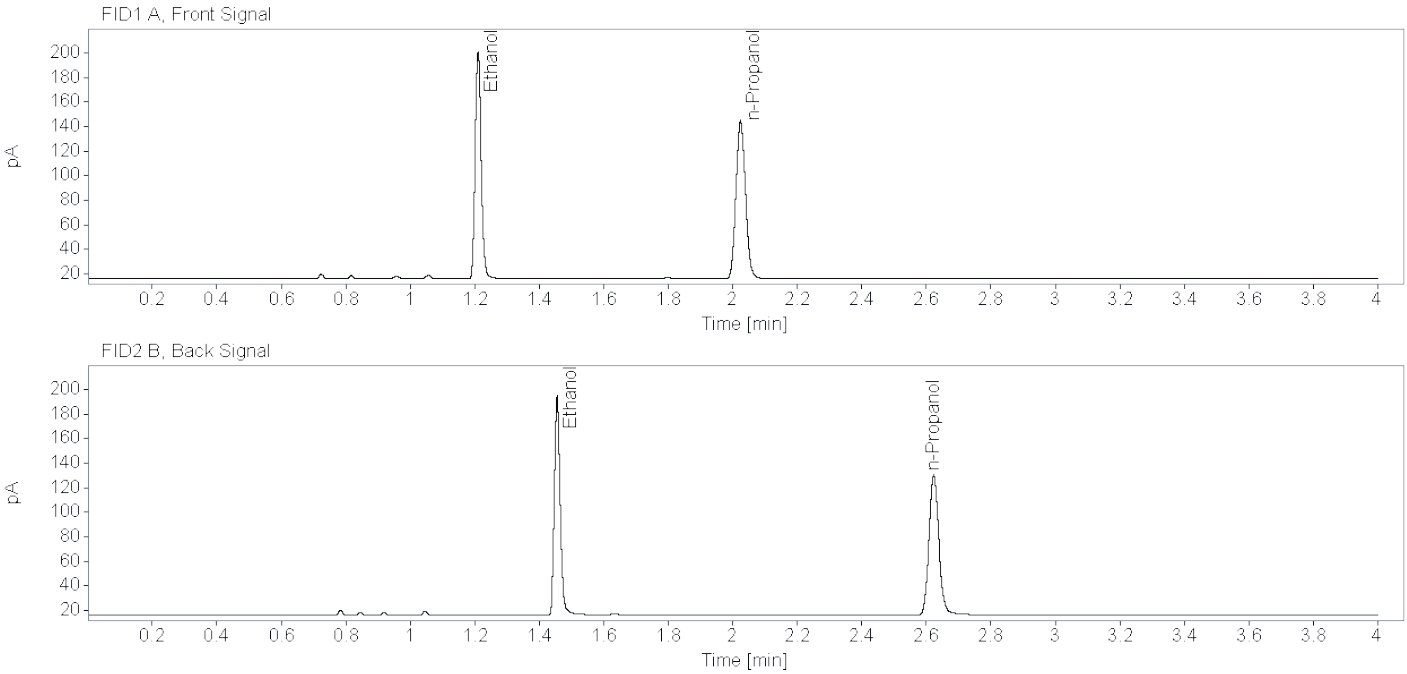
Comments:

Aliquots not within 5% of the average. Case will be repeated. 2/16/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0069_002 (24-0034) **Description:** Alq 1 **Sample Barcode** 24-0034 **Vial Number:** 34
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 2:19:56 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\034F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85006	1.210	1.209	242.1180	0.1682
n-Propanol	0.87619	2.024	2.023	263.3583	0.0100

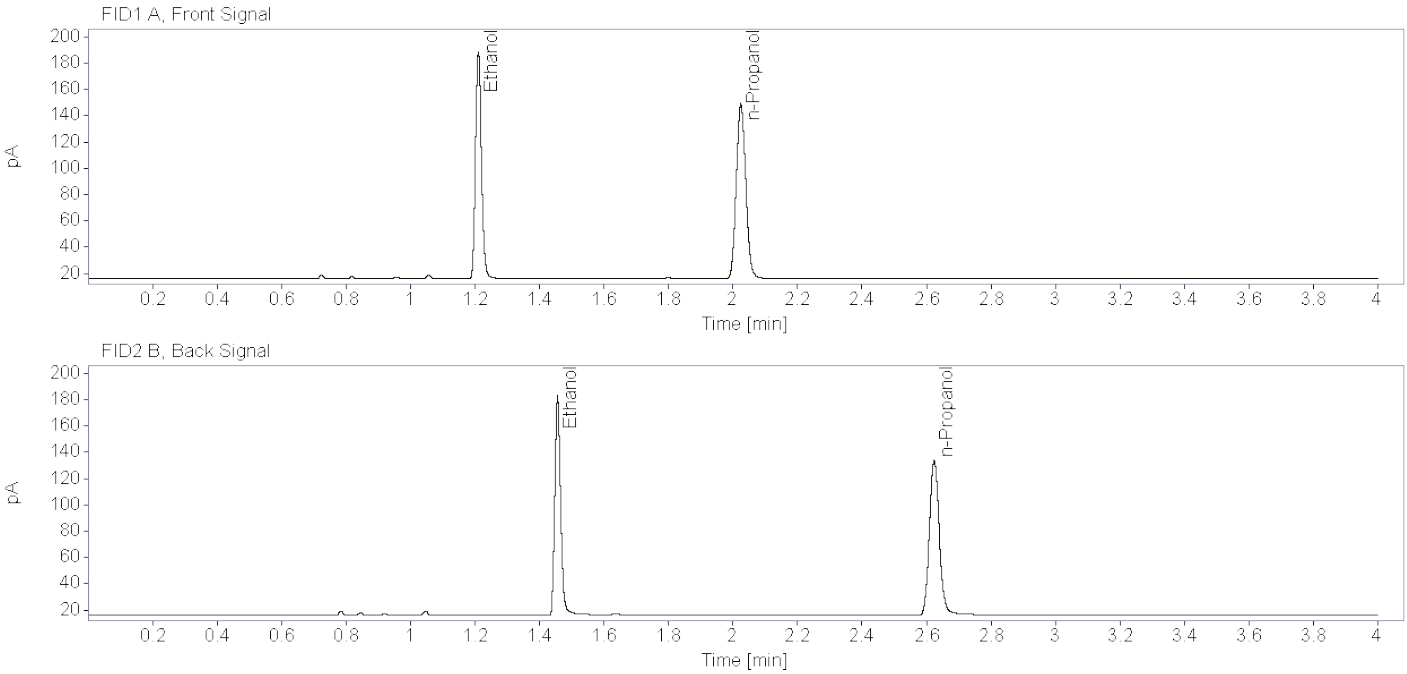
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82723	1.455	1.453	225.7034	0.1683
n-Propanol	0.88292	2.623	2.621	241.2051	0.0100

Aliquots not within 5% of the average. Case will be repeated. 2/16/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0069_002 (24-0054) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 54
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 4:03:55 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86239	1.210	1.209	224.7136	0.1511
n-Propanol	0.88539	2.024	2.023	272.0931	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83069	1.456	1.453	209.0457	0.1512
n-Propanol	0.88236	2.624	2.621	248.7713	0.0100

Aliquots not within 5% of the average. Case will be repeated. 2/16/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0070_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1401	Aliquot 1:	0.1404
	Aliquot 2:	0.1422	Aliquot 2:	0.1425

Reported Result: **0.141** **g/100 mL**

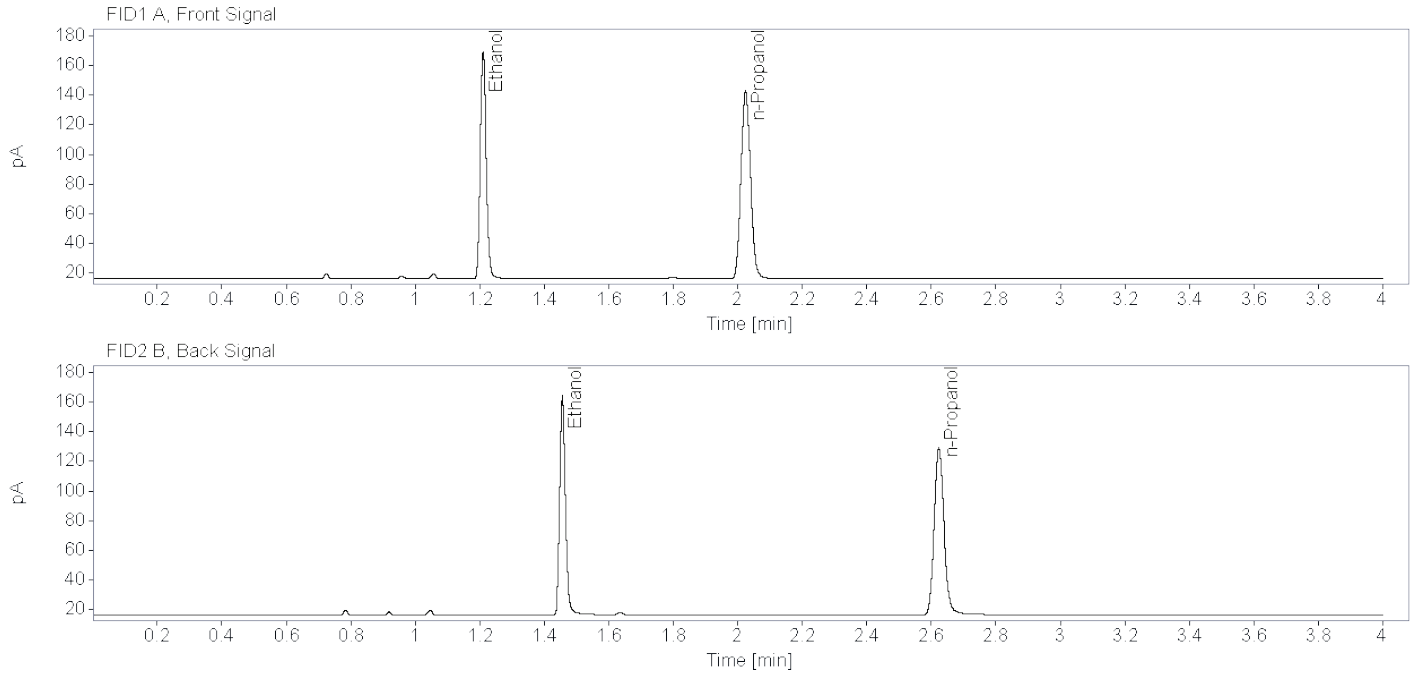
Reported UM: **0.020** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0070_001 (24-0035) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 35
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 2:25:37 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\035F3501.D



Name FID1A

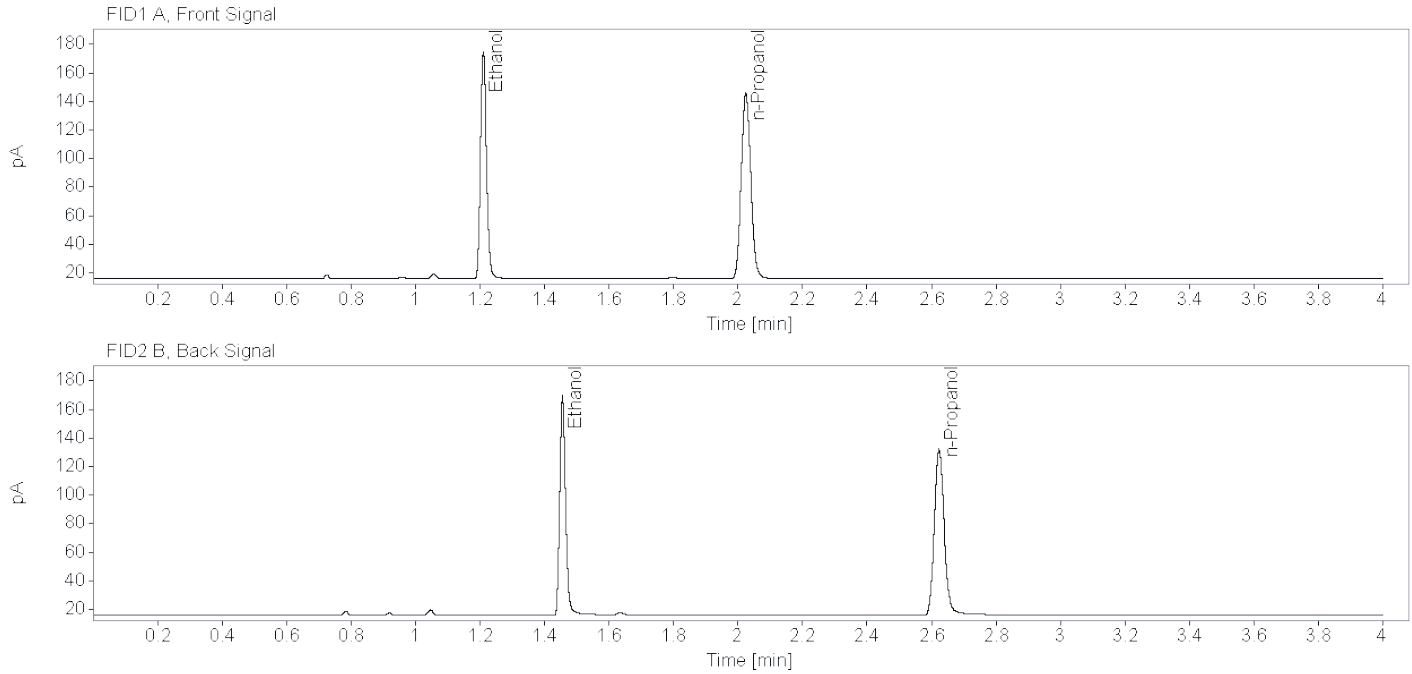
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84865	1.210	1.209	199.5370	0.1401
n-Propanol	0.87868	2.024	2.023	260.6695	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82354	1.456	1.453	185.4577	0.1404
n-Propanol	0.87049	2.624	2.621	237.8373	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0070_001 (24-0053) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 53
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 3:59:13 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85999	1.210	1.209	207.8922	0.1422
n-Propanol	0.88163	2.024	2.023	267.5788	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82710	1.456	1.453	193.1825	0.1425
n-Propanol	0.87946	2.623	2.621	244.0232	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0088_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: none detected

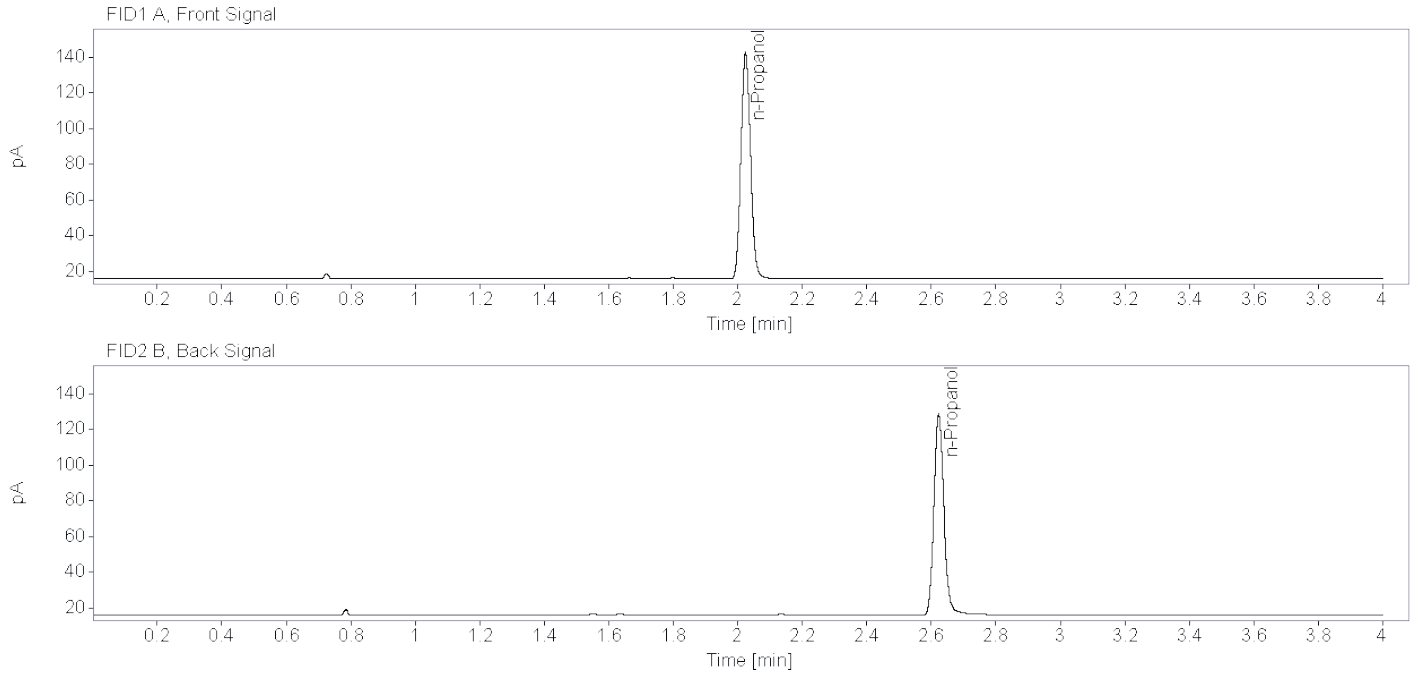
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0088_001 (24-0036) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 36
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 2:30:19 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\036F3601.D



Name FID1A

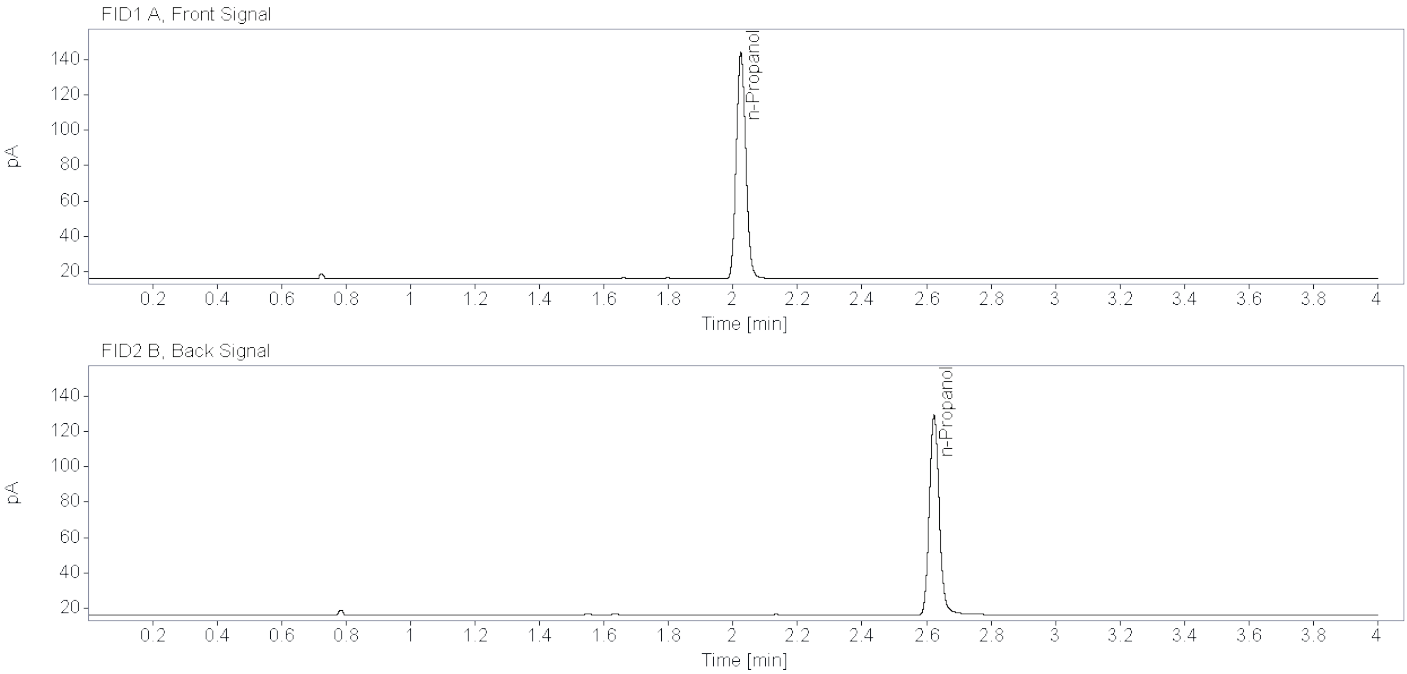
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87936	2.024	2.023	260.2866	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87094	2.623	2.621	238.0213	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0088_001 (24-0052) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 52
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 3:53:31 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87059	2.024	2.023	262.7134	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87675	2.623	2.621	239.7654	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0094_003

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2128	Aliquot 1:	0.2139
	Aliquot 2:	0.2052	Aliquot 2:	0.2059

Reported Result: **0.209** **g/100 mL**

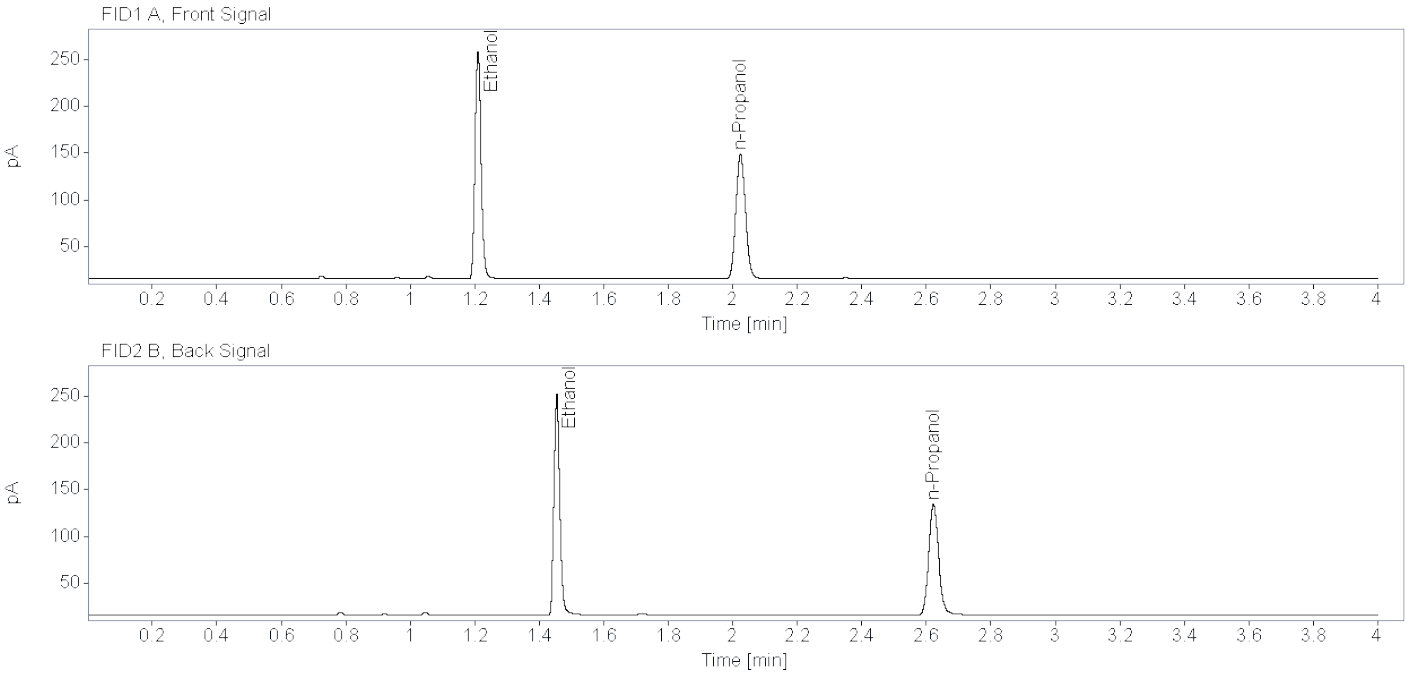
Reported UM: **0.030** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0094_003 (24-0037) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 37
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 2:36:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\037F3701.D



Name FID1A

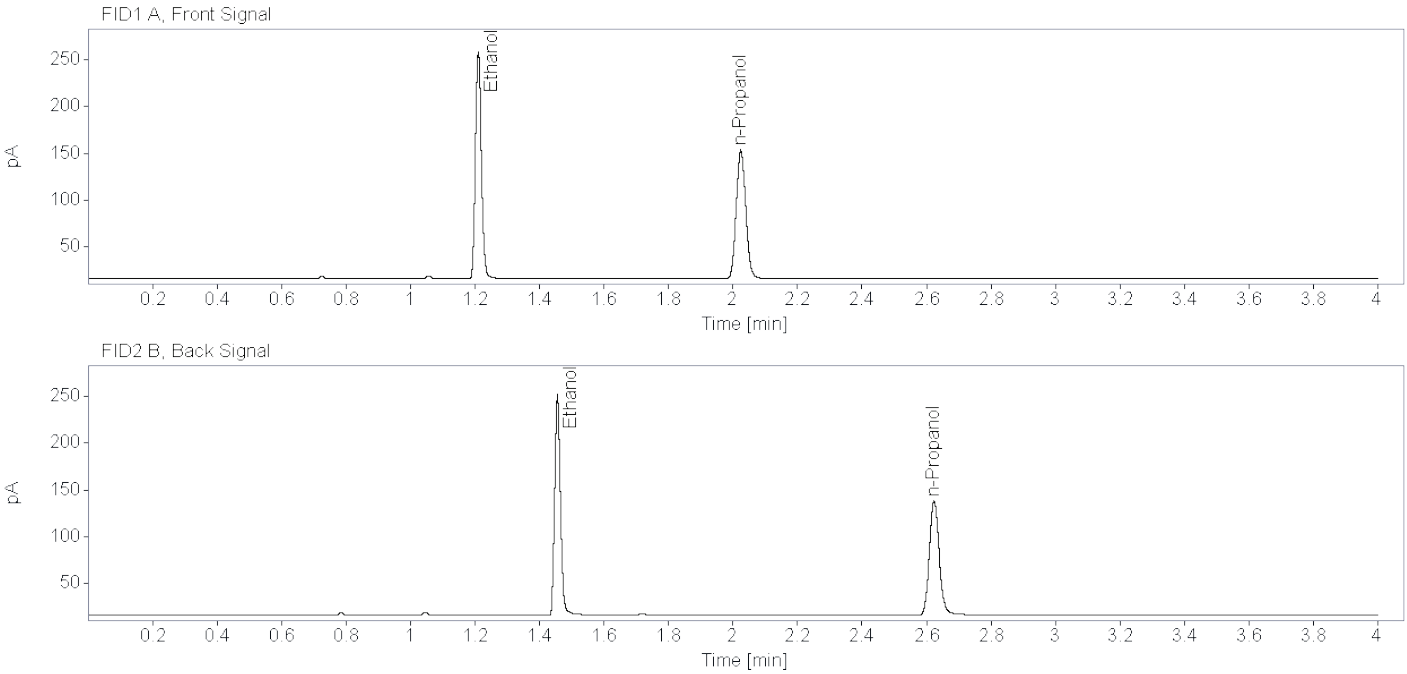
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85226	1.210	1.209	319.1674	0.2128
n-Propanol	0.88516	2.024	2.023	274.0959	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84733	1.454	1.453	299.2100	0.2139
n-Propanol	0.87677	2.622	2.621	251.2485	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0094_003 (24-0051) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 51
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 3:48:48 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87057	1.210	1.209	315.4472	0.2052
n-Propanol	0.88283	2.024	2.023	280.9948	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85145	1.456	1.453	294.6873	0.2059
n-Propanol	0.88213	2.623	2.621	257.1505	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0191_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1664	Aliquot 1:	0.1672
	Aliquot 2:	0.1674	Aliquot 2:	0.1679

Reported Result: **0.167** **g/100 mL**

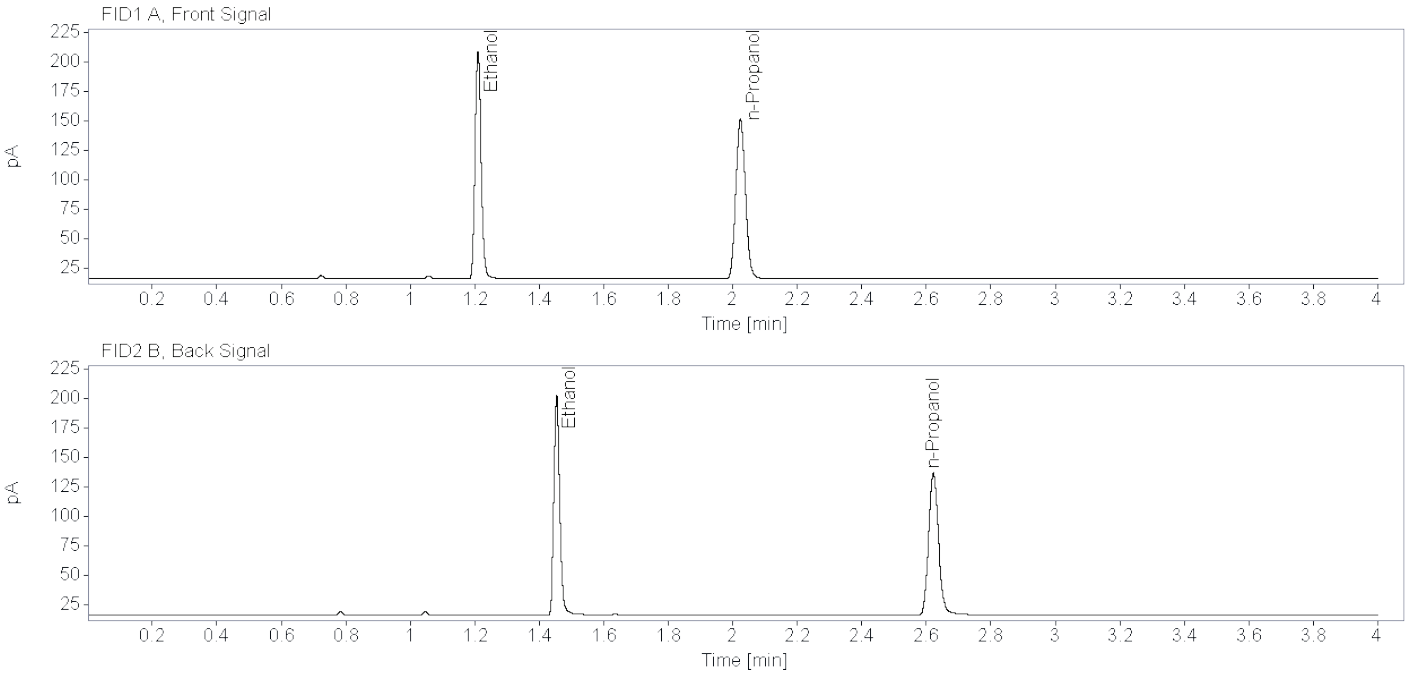
Reported UM: **0.024** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0191_001 (24-0038) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 38
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 2:40:43 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\038F3801.D



Name FID1A

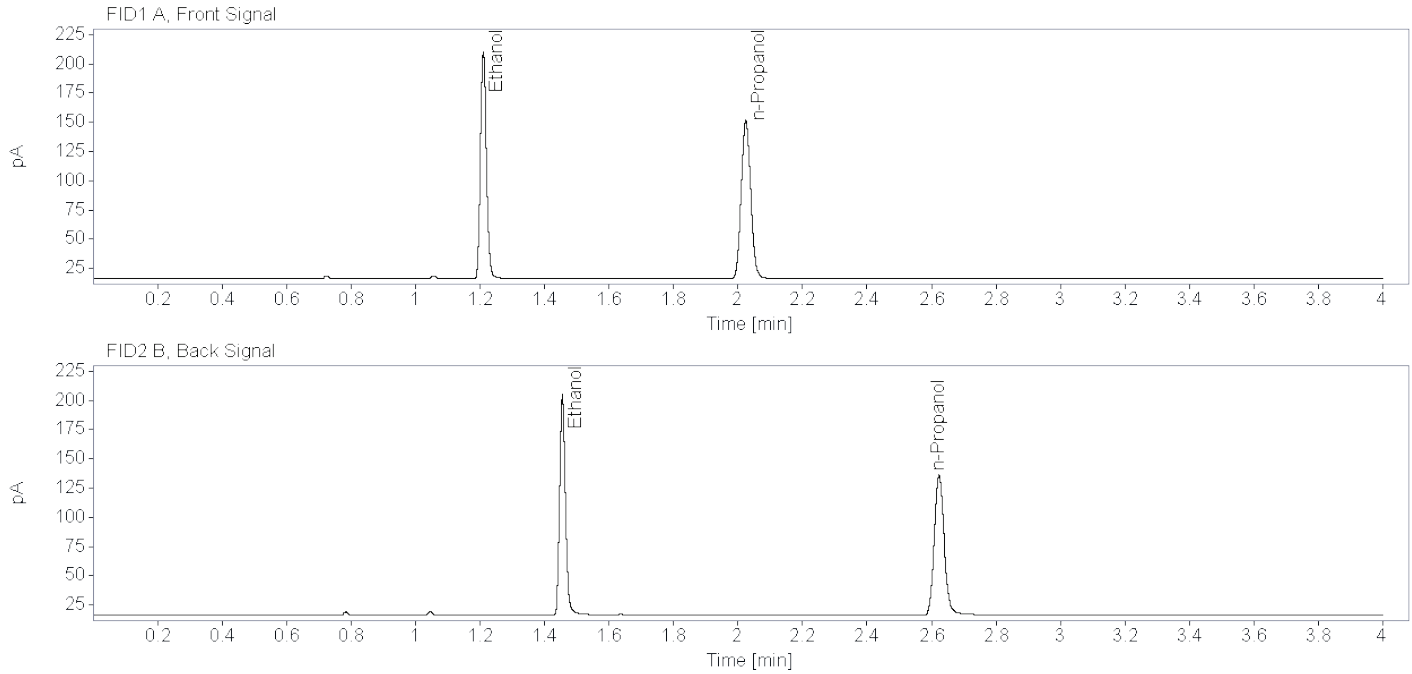
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84766	1.210	1.209	254.6691	0.1664
n-Propanol	0.87540	2.024	2.023	279.8741	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82550	1.454	1.453	238.3541	0.1672
n-Propanol	0.87424	2.622	2.621	256.4344	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0191_001 (24-0050) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 50
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 3:43:08 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86138	1.210	1.209	253.9892	0.1674
n-Propanol	0.88724	2.024	2.023	277.4691	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83387	1.455	1.453	236.7994	0.1679
n-Propanol	0.87914	2.623	2.621	253.6370	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0221_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0859	Aliquot 1:	0.0857
	Aliquot 2:	0.0823	Aliquot 2:	0.0821

Reported Result: **0.084** **g/100 mL**

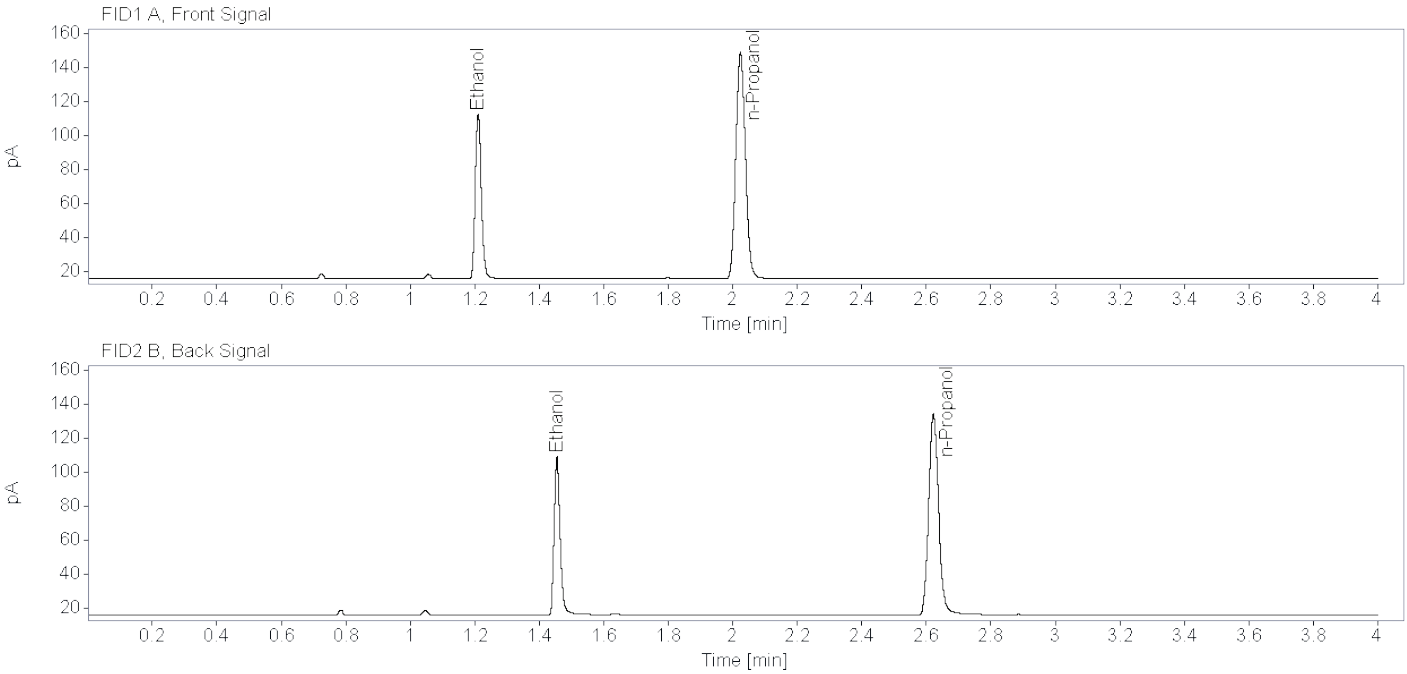
Reported UM: **0.012** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0221_001 (24-0039) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 39
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 2:46:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\039F3901.D



Name FID1A

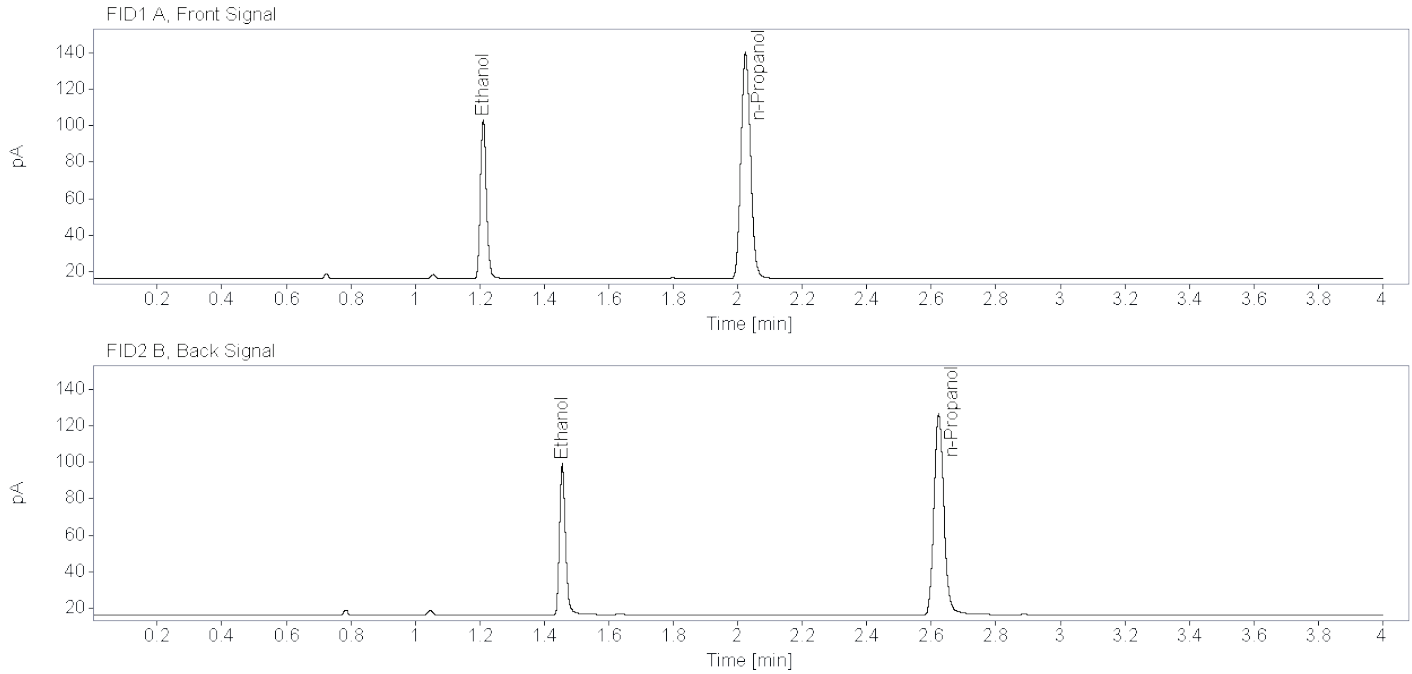
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83649	1.211	1.209	128.4196	0.0859
n-Propanol	0.87188	2.024	2.023	274.3773	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79008	1.455	1.453	118.7473	0.0857
n-Propanol	0.87332	2.622	2.621	250.6398	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0221_001 (24-0049) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 49
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 3:38:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84040	1.211	1.209	114.2761	0.0823
n-Propanol	0.87658	2.024	2.023	254.7756	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79021	1.456	1.453	105.4470	0.0821
n-Propanol	0.86106	2.623	2.621	232.4223	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0221_002

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2582	Aliquot 1:	0.2594
	Aliquot 2:	0.2610	Aliquot 2:	0.2629

Reported Result: **0.260** **g/100 mL**

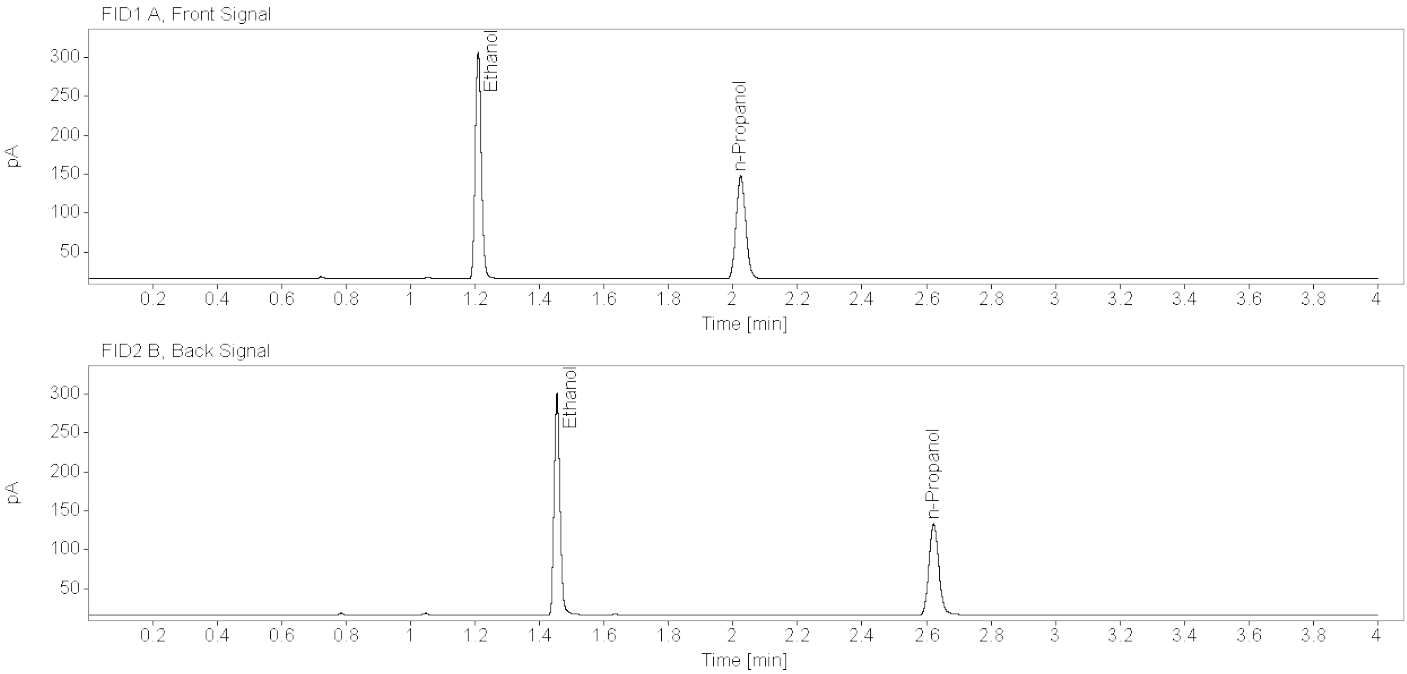
Reported UM: **0.037** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0221_002 (24-0040) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 40
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 2:51:07 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\040F4001.D



Name FID1A

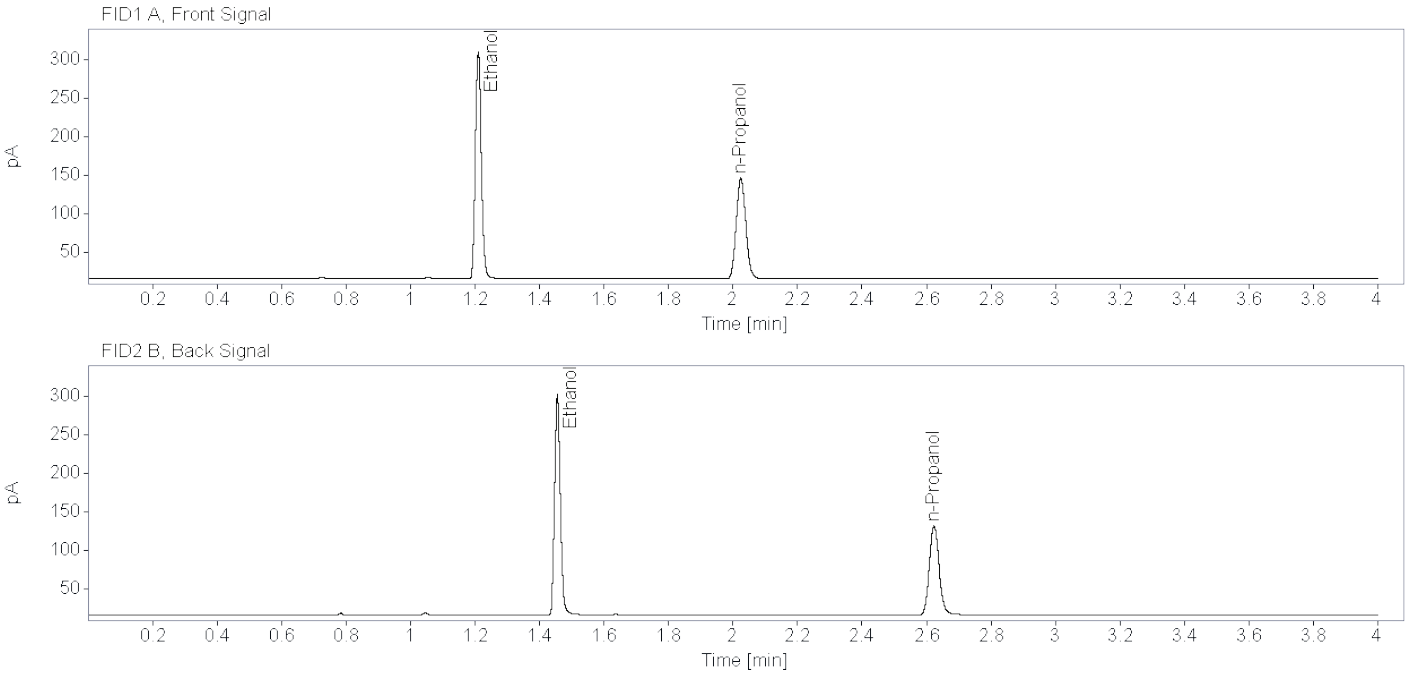
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87295	1.210	1.209	382.6313	0.2582
n-Propanol	0.88340	2.024	2.023	270.7596	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85837	1.454	1.453	357.8618	0.2594
n-Propanol	0.87875	2.622	2.621	247.5970	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0221_002 (24-0048) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 48
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 3:32:43 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87576	1.210	1.209	382.8670	0.2610
n-Propanol	0.87769	2.024	2.023	267.9583	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86152	1.455	1.453	358.5872	0.2629
n-Propanol	0.87919	2.623	2.621	244.7586	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0221_003

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3046	Aliquot 1:	0.3072
	Aliquot 2:	0.3249	Aliquot 2:	0.3269

Reported Result: **0.315** **g/100 mL**

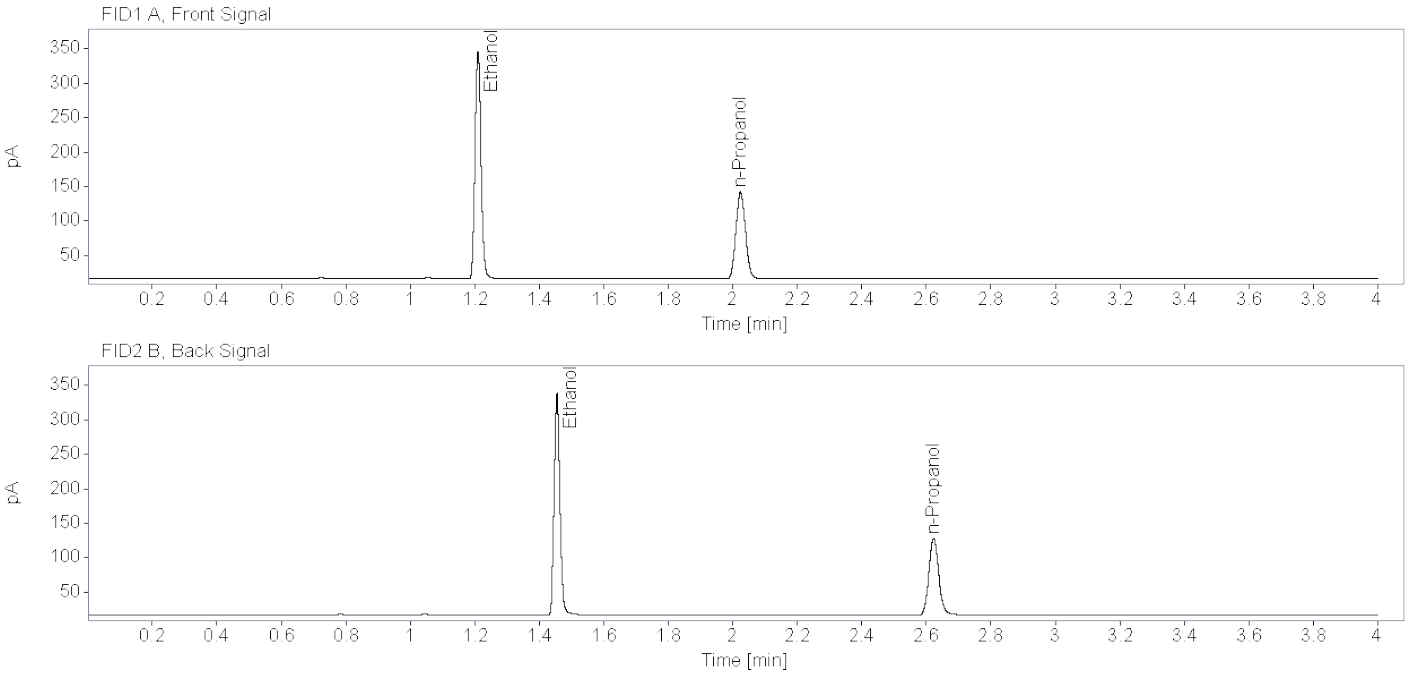
Reported UM: **0.045** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0221_003 (24-0041) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 41
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 2:56:49 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\041F4101.D



Name FID1A

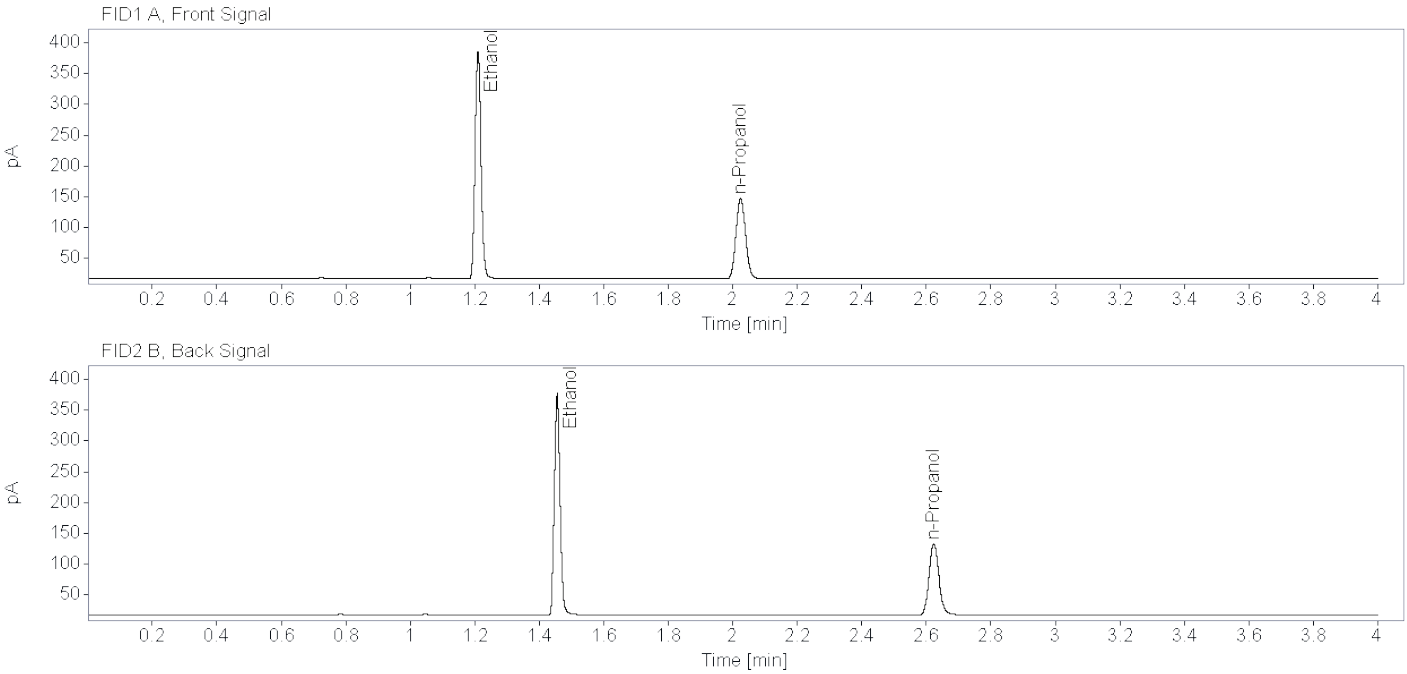
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86794	1.210	1.209	431.5561	0.3046
n-Propanol	0.87731	2.024	2.023	258.7700	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86769	1.455	1.453	404.3492	0.3072
n-Propanol	0.87213	2.623	2.621	236.1036	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0221_003 (24-0047) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 47
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 3:27:59 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87016	1.210	1.209	481.4825	0.3249
n-Propanol	0.88027	2.024	2.023	270.6189	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88055	1.456	1.453	451.0772	0.3269
n-Propanol	0.87647	2.623	2.621	247.4184	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0221_004

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2026	Aliquot 1:	0.2036
	Aliquot 2:	0.1948	Aliquot 2:	0.1960

Reported Result: **0.199** **g/100 mL**

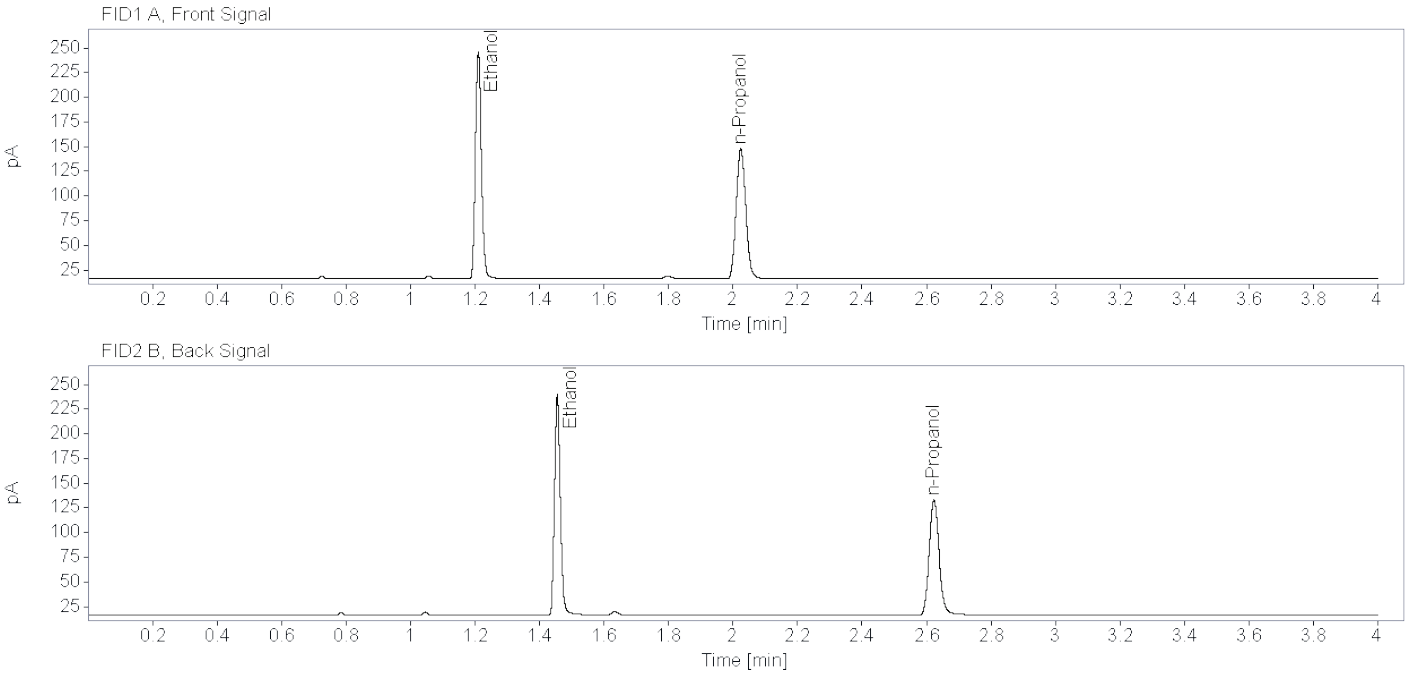
Reported UM: **0.029** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0221_004 (24-0042) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 42
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 3:01:31 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\042F4201.D



Name FID1A

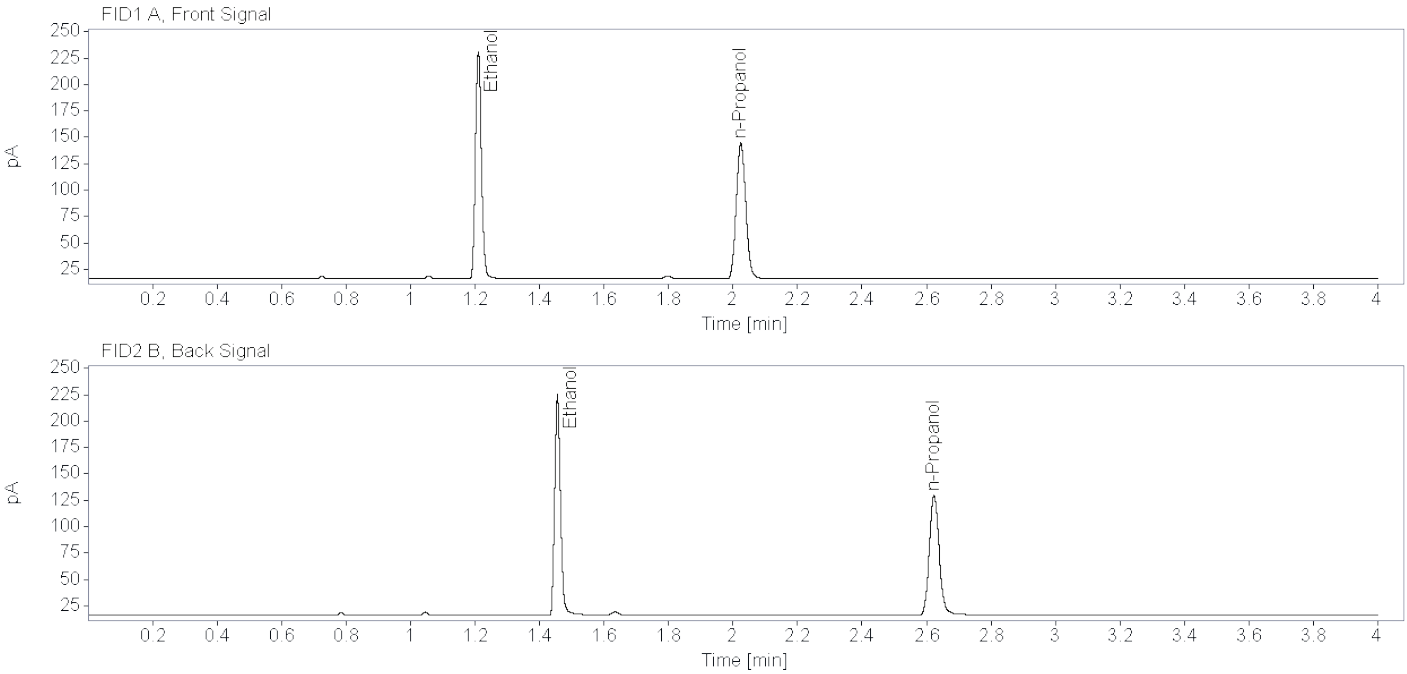
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86765	1.210	1.209	301.1344	0.2026
n-Propanol	0.88231	2.024	2.023	271.7202	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84437	1.455	1.453	280.9558	0.2036
n-Propanol	0.87922	2.623	2.621	247.9808	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0221_004 (24-0046) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 46
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 3:22:19 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86848	1.210	1.209	280.4573	0.1948
n-Propanol	0.88032	2.024	2.023	263.1686	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84487	1.456	1.453	261.6950	0.1960
n-Propanol	0.88026	2.623	2.621	239.9082	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0232_001

Batch Name: BAC_20240214_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1038	Aliquot 1:	0.1037
	Aliquot 2:	0.0986	Aliquot 2:	0.0985

Reported Result: **0.101** **g/100 mL**

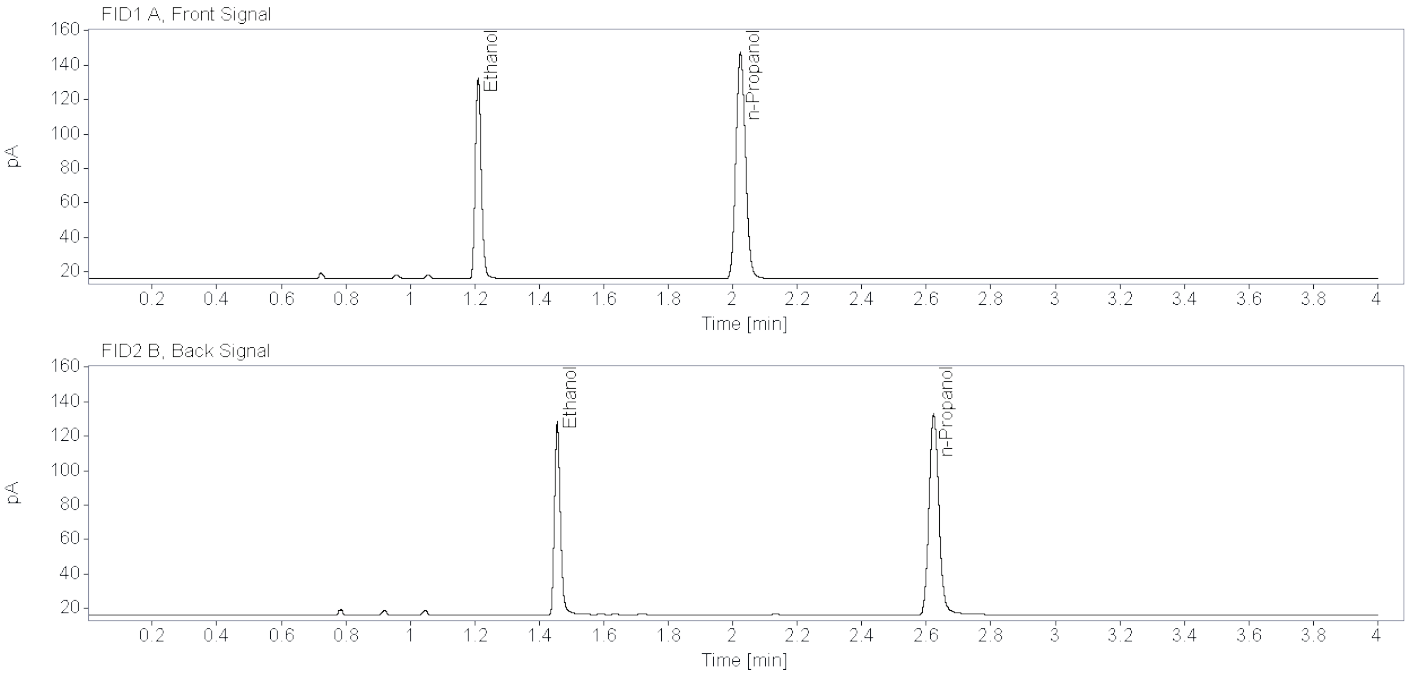
Reported UM: **0.015** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0232_001 (24-0043) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 43
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 3:07:12 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\043F4301.D



Name FID1A

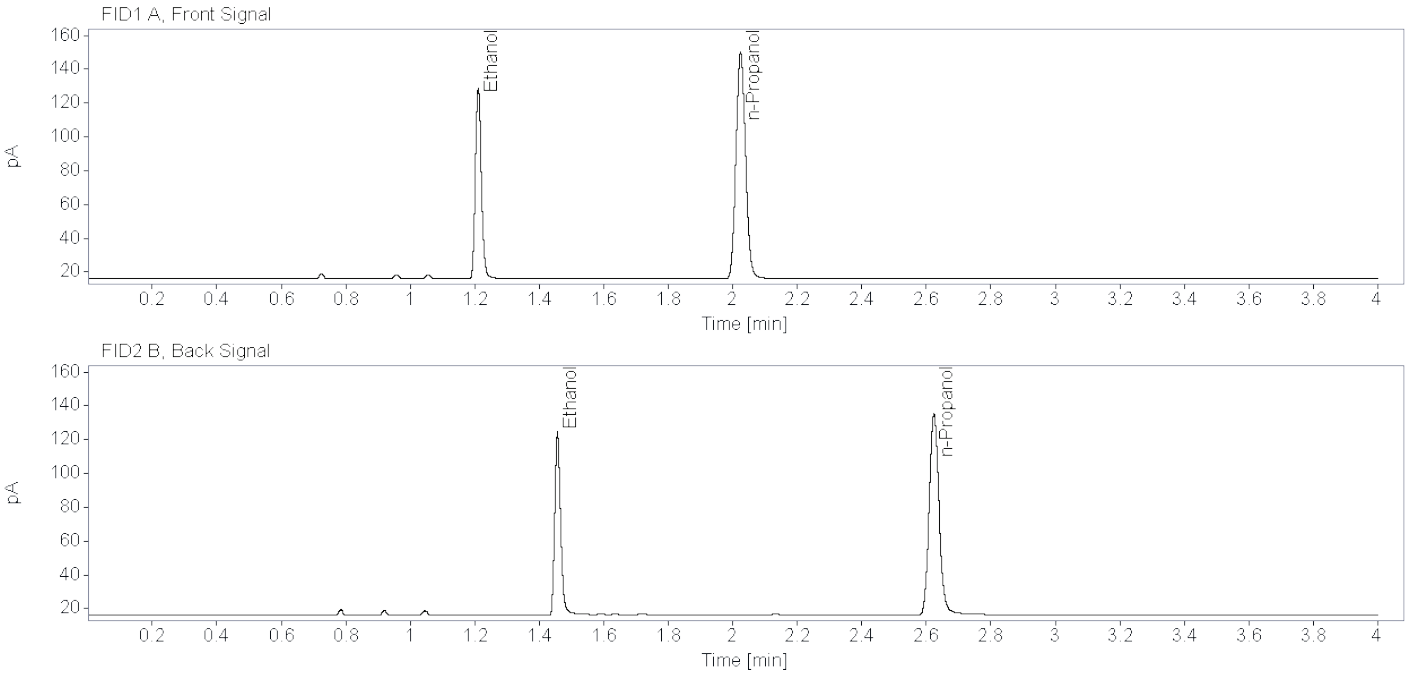
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84153	1.211	1.209	152.4427	0.1038
n-Propanol	0.87760	2.024	2.023	269.1478	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80192	1.456	1.453	141.4095	0.1037
n-Propanol	0.86686	2.623	2.621	246.2713	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0232_001 (24-0045) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 45
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/14/2024 3:17:37 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240214_MH 2024-02-14 11-18-35\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84413	1.211	1.209	147.5795	0.0986
n-Propanol	0.88405	2.024	2.023	274.5164	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80465	1.457	1.453	136.9260	0.0985
n-Propanol	0.87973	2.624	2.621	251.1689	0.0100