Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20240327_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	144	✓	✓

Analyst Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2024.04.18 14:30:57 -05'00'

Date: 4/18/2024

Technical Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2024.05.03 08:13:33 -05'00'

Date: 5/3/2024

Batch Name: BAC_20240327_MH

Technical Review Notes

-N/A -KB 4/16/2024

BAC Summary Worksheet

Batch Name:	BAC_20240327_MH
Instrument:	BAC-1
Analyst:	Melissa Henry
UM%:	14.39
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		269.8590	252.1246
Acceptance Range	Min	242.8731	226.9122
	Max	296.8449	277.3371

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	0.0103	0.0102	2.00	0.00	0.98	274.3029	256.9448
0.025 g/100mL Calibrator	0.0248	0.0248	0.0248	-0.80	0.00	0.00	265.9478	248.6407
0.050 g/100mL Calibrator	0.0494	0.0491	0.0492	-1.60	0.41	-0.20	265.2197	247.8785
0.100 g/100mL Calibrator	0.0995	0.0990	0.0992	-0.80	0.30	-0.20	272.8930	254.7603
0.200 g/100mL Calibrator	0.1988	0.1986	0.1987	-0.65	0.05	-0.05	272.1444	254.1109
0.400 g/100mL Calibrator	0.4004	0.4008	0.4006	0.15	-0.05	0.05	272.4421	254.3704
0.500 g/100mL Calibrator	0.5017	0.5024	0.5020	0.40	-0.06	0.08	266.0628	248.1667

		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	-	-	-	266.2396	247.9934
High QC	0.4036	0.4046	0.4041	1.03	-0.12	0.12	266.5327	248.5296
Low QC	0.0811	0.0813	0.0812	4.37	-0.12	0.12	275.3140	256.4268
Blood QC A	0.0771	0.0764	0.0767	-1.41	0.52	-0.39	273.7854	255.2264
Blood QC B	0.2002	0.2005	0.2003	1.37	-0.05	0.10	274.4217	255.2883
Blood QC A	0.0773	0.0770	0.0771	-0.90	0.26	-0.13	264.2683	245.7382
Blood QC B	0.1928	0.1928	0.1928	-2.43	0.00	0.00	276.1465	256.7622
Blood QC A	0.0769	0.0766	0.0767	-1.41	0.26	-0.13	258.0266	239.8354
Blood QC B	0.1989	0.1987	0.1988	0.61	0.05	-0.05	262.5985	244.1227
Blood QC A	0.0745	0.0740	0.0742	-4.63	0.40	-0.27	265.0144	246.8401
High QC	0.4085	0.4097	0.4091	2.28	-0.15	0.15	269.0753	250.3882
Low QC	0.0766	0.0761	0.0763	-1.93	0.39	-0.26	269.6283	250.7737
DI Water	0.0000	0.0000	0.0000	-	-	-	273.4582	254.2634

		Target	Acceptance Range Min	Acceptance Range Max
Controls	**High QC**	0.4000	0.3800	0.4200
	Low QC	0.0778	0.0739	0.0817
	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-23-1433 001	0.1112	0.1113	0.1166	0.1160	0.113	0.016	-2.26	-2.18	2.48	1.96	272.7795	254.2070	274.9122	256.0405
2	**BCCL-23-1451 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	274.6732	256.0671	272.6538	253.6744
3	BCCL-23-1484 001	0.1054	0.1054	0.1056	0.1050	0.105	0.015	0.05	0.05	0.24	-0.33	278.4026	260.1233	271.2597	252.9349
4	BCCL-23-1517 001	0.1496	0.1492	0.1495	0.1490	0.149	0.021	0.18	-0.08	0.12	-0.22	263.0623	245.1780	268.8781	250.5902
5	BCCL-23-1519 001	0.2054	0.2057	0.2081	0.2079	0.206	0.030	-0.66	-0.52	0.64	0.54	275.8339	257.0108	262.2346	244.0056
6	BCCL-23-1548 001	0.2234	0.2233	0.2330	0.2328	0.228	0.033	-2.07	-2.12	2.14	2.05	277.9363	258.7525	274.7216	256.0623
7	**BCCL-23-1564 002**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	272.9934	254.0403	271.6058	252.5881
8	BCCL-23-1567 001	0.2356	0.2352	0.2358	0.2356	0.235	0.034	0.02	-0.15	0.11	0.02	271.5410	253.0916	262.4302	244.5073
9	**BCCL-23-1568 012**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	267.6228	249.0700	265.3672	246.8734
10	**BCCL-23-1569 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	265.0942	246.8230	258.1808	239.9541
11	**BCCL-23-1580 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	267.3066	249.1898	265.7767	247.9529
12	**BCCL-23-1581 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	280.2680	261.4337	254.3515	237.1155
13	**BCCL-23-1598 001**	0.0270	0.0269	0.0268	0.0269	0.026	0.004	0.37	0.00	-0.37	0.00	270.4113	251.7468	270.1748	251.5526
14	**BCCL-23-1644 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	265.5947	246.5759	257.5190	239.0397
15	BCCL-23-1686 001	0.1292	0.1288	0.1288	0.1286	0.128	0.018	0.27	-0.04	-0.04	-0.19	262.9857	244.6978	266.4808	247.9917
16	BCCL-23-1723 001_001	0.1640	0.1635	0.1679	0.1675	0.165	0.024	-1.04	-1.34	1.31	1.07	261.6664	243.4111	259.5944	241.3802
17	**BCCL-23-1743 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	273.8767	255.1664	246.6852	229.6252
18	BCCL-23-1810 001	0.1239	0.1235	0.1228	0.1223	0.123	0.018	0.63	0.30	-0.26	-0.67	275.0397	256.1900	267.0353	248.7152
19	**BCCL-23-1822 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	272.1569	253.5357	252.5747	234.8096
20	BCCL-23-1835 001	0.1294	0.1291	0.1311	0.1309	0.130	0.019	-0.56	-0.79	0.75	0.60	260.5268	242.2845	259.2173	241.1471
21	BCCL-23-1836 001	0.2746	0.2749	0.2628	0.2628	0.268	0.039	2.17	2.28	-2.22	-2.22	255.3128	237.4691	262.7769	244.8202
22	BCCL-24-0499 001	0.1205	0.1204	0.1162	0.1158	0.118	0.017	1.92	1.84	-1.71	-2.05	261.1680	243.0526	268.3372	249.7441
23	BCCL-24-0536 001	0.2249	0.2246	0.2264	0.2263	0.225	0.032	-0.29	-0.42	0.38	0.33	268.1056	250.0043	269.7341	251.5379
24	BCCL-24-0537 001	0.3364	0.3370	0.3464	0.3472	0.341	0.049	-1.57	-1.39	1.36	1.59	268.6178	250.0171	256.7298	238.9434
25	BCCL-24-0540 001	0.1423	0.1418	0.1404	0.1399	0.141	0.020	0.85	0.50	-0.50	-0.85	272.7844	254.4826	262.6236	244.8432
26	**BCCL-24-0551 001**	0.0822	0.0818	0.0818	0.0816	0.081	0.012	0.43	-0.06	-0.06	-0.31	266.9388	248.7457	265.4265	247.5266
27	BCCL-24-0552 001	0.1460	0.1457	0.1439	0.1436	0.144	0.021	0.83	0.62	-0.62	-0.83	264.5456	246.6006	257.2990	239.6791
28	BCCL-24-0565 001	0.1081	0.1077	0.1090	0.1085	0.108	0.016	-0.21	-0.58	0.62	0.16	268.0161	249.4908	259.2964	241.6325
29	BCCL-24-0566 001	0.1326	0.1323	0.1395	0.1390	0.135	0.019	-2.39	-2.61	2.69	2.32	258.8847	241.2752	255.6196	238.0760
30	BCCL-24-0567 001	0.2368	0.2366	0.2386	0.2386	0.237	0.034	-0.36	-0.44	0.40	0.40	260.5342	242.4820	258.1173	240.3367

Melissa Henry

Digitally signed by Melissa Henry
Date: 2024.04.02 10:00:51 -05'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC-20240327_MH **Analyst:** Melissa Henry **Instrument:** BAC-1

	Lot:	Expiration:	Inventory Number:
Cal 1	FN12272201	2/29/2028	S-23-S008F
Cal 2	FN03122112	3/31/2026	S-23-S002H
Cal 3	FN03172301	3/31/2028	S-23-S010A
Cal 4	FN03072301	3/31/2028	S-23-S011A
Cal 5	FN02052101	3/31/2026	S-22-052I
Cal 6	FN03052102	3/31/2026	S-22-054G
Cal 7	FN06262004	7/31/2025	S-23-S014B
High QC	30012020-A	1/31/2025	S-23-S006M
Low QC	SRM #2893a	RT. 1/9/2029	S-24-S000D
Blood QC A	2101199	2/28/2025	S-~~23~~-22 3/27/24 mh 031D
Blood QC B	2110181	3/31/2026	S-23-S000E
Internal Standard	N/A	4/18/2024	R-23-S004
Pipette(s)	5053, 205L		

Comments:

Approval Date: October 18, 2023
Effective Date: October 20, 2023
Uncontrolled when printed.

Issuing Authority: Upper Management
Authorized for Distribution by Laboratory Director mh

BCCL ANALYTICAL WORKLIST

ANALYST: Melissa Henry

BAC_20240327=MH

Worklist ID: F6TJD5QQ4NDK8C

Case #	Evid #	Evid Type	Service
BCCL-23-1433	001	Blood	Alcohol
BCCL-23-1451	001	Blood	Alcohol
BCCL-23-1484	001	Blood	Alcohol
BCCL-23-1517	001	Blood	Alcohol
BCCL-23-1519	001	Blood	Alcohol
BCCL-23-1548	001	Blood	Alcohol
BCCL-23-1564	002	Blood	Alcohol
BCCL-23-1567	001	Blood	Alcohol
BCCL-23-1568	012	Blood	Alcohol
BCCL-23-1569	001	Blood	Alcohol
BCCL-23-1580	001	Blood	Alcohol
BCCL-23-1581	001	Blood	Alcohol
BCCL-23-1598	001	Blood	Alcohol

Case # BAC_20240327_MH	Evid #	Evid Type	Service
BCCL-23-1644	001	Blood	Alcohol
BCCL-23-1686	001	Blood	Alcohol
BCCL-23-1723	001_001	Blood	Alcohol
BCCL-23-1743	001	Blood	Alcohol
BCCL-23-1810	001	Blood	Alcohol
BCCL-23-1822	001	Blood	Alcohol
BCCL-23-1835	001	Blood	Alcohol
BCCL-23-1836	001	Blood	Alcohol
BCCL-24-0499	001	Blood	Alcohol
BCCL-24-0536	001	Blood	Alcohol
BCCL-24-0537	001	Blood	Alcohol
BCCL-24-0540	001	Blood	Alcohol
BCCL-24-0551	001	Blood	Alcohol
BCCL-24-0552	001	Blood	Alcohol
BCCL-24-0565	001	Blood	Alcohol

BAC_20240327_MH

Case #	Evid #	Evid Type	Service
BCCL-24-0566	001	Blood	Alcohol
BCCL-24-0567	001	Blood	Alcohol

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\1\SEQUENCE\2024\BAC_20240327_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 3/27/2024

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (24-0643)
Method Name : BAC
Sample Type : Calibration
Calibration Level : 1

Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (24-0644)
Method Name : BAC
Sample Type : Calibration
Calibration Level : 2

Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (24-0645)
Method Name : BAC
Sample Type : Calibration
Calibration Level : 3

Line : 4
Location : 4
Sample Information :
Sample Name : 0.100 g/100mL Cal (24-0646)
Method Name : BAC
Sample Type : Calibration

mh

Calibration Level : 4

==========

Line : 5
Location : 5
Sample Information :
Sample Name : 0.200 g/100mL Cal (24-0647)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 5

==========

Line : 6
Location : 6
Sample Information :
Sample Name : 0.400 g/100mL Cal (24-0648)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 6

==========

Line : 7
Location : 7
Sample Information :
Sample Name : 0.500 g/100mL Cal (24-0649)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 7

==========

Line : 8
Location : 8
Sample Information :
Sample Name : Negative (24-0650)
Method Name : BAC
Sample Type : Sample

==========

Line : 9
Location : 9
Sample Information :
Sample Name : High QC (24-0651)
Method Name : BAC
Sample Type : Sample

==========

Line : 10
Location : 10
Sample Information :

mh

Sample Name : Low QC (24-0652)
Method Name : BAC
Sample Type : Sample

Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (24-0653)
Method Name : BAC
Sample Type : Sample

Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-23-1433 001 (24-0654)
Method Name : BAC
Sample Type : Sample

Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-23-1451 001 (24-0655)
Method Name : BAC
Sample Type : Sample

Line : 14
Location : 14
Sample Information : Alq 1
Sample Name : BCCL-23-1484 001 (24-0656)
Method Name : BAC
Sample Type : Sample

Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-23-1517 001 (24-0657)
Method Name : BAC
Sample Type : Sample

Line : 16
Location : 16
Sample Information : Alq 1

Sample Name : BCCL-23-1519 001 (24-0658)
Method Name : BAC
Sample Type : Sample

==========

Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-23-1548 001 (24-0659)
Method Name : BAC
Sample Type : Sample

==========

Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-23-1564 002 (24-0660)
Method Name : BAC
Sample Type : Sample

==========

Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-23-1567 001 (24-0661)
Method Name : BAC
Sample Type : Sample

==========

Line : 20
Location : 20
Sample Information : Alq 1
Sample Name : BCCL-23-1568 012 (24-0662)
Method Name : BAC
Sample Type : Sample

==========

Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-23-1569 001 (24-0663)
Method Name : BAC
Sample Type : Sample

==========

Line : 22
Location : 22
Sample Information :

mh

Sample Name : Blood QC B (24-0664)
Method Name : BAC
Sample Type : Sample

Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-23-1580 001 (24-0665)
Method Name : BAC
Sample Type : Sample

Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-23-1581 001 (24-0666)
Method Name : BAC
Sample Type : Sample

Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-23-1598 001 (24-0667)
Method Name : BAC
Sample Type : Sample

Line : 26
Location : 26
Sample Information : Alq 1
Sample Name : BCCL-23-1644 001 (24-0668)
Method Name : BAC
Sample Type : Sample

Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-23-1686 001 (24-0669)
Method Name : BAC
Sample Type : Sample

Line : 28
Location : 28
Sample Information : Alq 1

mh

Sample Name : BCCL-23-1723 001_001 (24-0670)
Method Name : BAC
Sample Type : Sample

==========

Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-23-1743 001 (24-0671)
Method Name : BAC
Sample Type : Sample

==========

Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-23-1810 001 (24-0672)
Method Name : BAC
Sample Type : Sample

==========

Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-23-1822 001 (24-0673)
Method Name : BAC
Sample Type : Sample

==========

Line : 32
Location : 32
Sample Information : Alq 1
Sample Name : BCCL-23-1835 001 (24-0674)
Method Name : BAC
Sample Type : Sample

==========

Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (24-0675)
Method Name : BAC
Sample Type : Sample

==========

Line : 34
Location : 34
Sample Information : Alq 1

mh

Sample Name : BCCL-23-1836 001 (24-0676)
Method Name : BAC
Sample Type : Sample

==========

Line : 35
Location : 35
Sample Information : Alq 1
Sample Name : BCCL-24-0499 001 (24-0677)
Method Name : BAC
Sample Type : Sample

==========

Line : 36
Location : 36
Sample Information : Alq 1
Sample Name : BCCL-24-0536 001 (24-0678)
Method Name : BAC
Sample Type : Sample

==========

Line : 37
Location : 37
Sample Information : Alq 1
Sample Name : BCCL-24-0537 001 (24-0679)
Method Name : BAC
Sample Type : Sample

==========

Line : 38
Location : 38
Sample Information : Alq 1
Sample Name : BCCL-24-0540 001 (24-0680)
Method Name : BAC
Sample Type : Sample

==========

Line : 39
Location : 39
Sample Information : Alq 1
Sample Name : BCCL-24-0551 001 (24-0681)
Method Name : BAC
Sample Type : Sample

==========

Line : 40
Location : 40
Sample Information : Alq 1

mh

Sample Name : BCCL-24-0552 001 (24-0682)
Method Name : BAC
Sample Type : Sample

Line : 41
Location : 41
Sample Information : Alq 1
Sample Name : BCCL-24-0565 001 (24-0683)
Method Name : BAC
Sample Type : Sample

Line : 42
Location : 42
Sample Information : Alq 1
Sample Name : BCCL-24-0566 001 (24-0684)
Method Name : BAC
Sample Type : Sample

Line : 43
Location : 43
Sample Information : Alq 1
Sample Name : BCCL-24-0567 001 (24-0685)
Method Name : BAC
Sample Type : Sample

Line : 44
Location : 44
Sample Information :
Sample Name : Blood QC B (24-0686)
Method Name : BAC
Sample Type : Sample

Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-24-0567 001 (24-0687)
Method Name : BAC
Sample Type : Sample

Line : 46
Location : 46
Sample Information : Alq 2

Sample Name : BCCL-24-0566 001 (24-0688)
Method Name : BAC
Sample Type : Sample

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-24-0565 001 (24-0689)
Method Name : BAC
Sample Type : Sample

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-24-0552 001 (24-0690)
Method Name : BAC
Sample Type : Sample

Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-24-0551 001 (24-0691)
Method Name : BAC
Sample Type : Sample

Line : 50
Location : 50
Sample Information : Alq 2
Sample Name : BCCL-24-0540 001 (24-0692)
Method Name : BAC
Sample Type : Sample

Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-24-0537 001 (24-0693)
Method Name : BAC
Sample Type : Sample

Line : 52
Location : 52
Sample Information : Alq 2

mh

Sample Name : BCCL-24-0536 001 (24-0694)
Method Name : BAC
Sample Type : Sample

==========

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-24-0499 001 (24-0695)
Method Name : BAC
Sample Type : Sample

==========

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-23-1836 001 (24-0696)
Method Name : BAC
Sample Type : Sample

==========

Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (24-0697)
Method Name : BAC
Sample Type : Sample

==========

Line : 56
Location : 56
Sample Information : Alq 2
Sample Name : BCCL-23-1835 001 (24-0698)
Method Name : BAC
Sample Type : Sample

==========

Line : 57
Location : 57
Sample Information : Alq 2
Sample Name : BCCL-23-1822 001 (24-0699)
Method Name : BAC
Sample Type : Sample

==========

Line : 58
Location : 58
Sample Information : Alq 2

mh

Sample Name : BCCL-23-1810 001 (24-0700)
Method Name : BAC
Sample Type : Sample

Line : 59
Location : 59
Sample Information : Alq 2
Sample Name : BCCL-23-1743 001 (24-0701)
Method Name : BAC
Sample Type : Sample

Line : 60
Location : 60
Sample Information : Alq 2
Sample Name : BCCL-23-1723 001_001 (24-0702)
Method Name : BAC
Sample Type : Sample

Line : 61
Location : 61
Sample Information : Alq 2
Sample Name : BCCL-23-1686 001 (24-0703)
Method Name : BAC
Sample Type : Sample

Line : 62
Location : 62
Sample Information : Alq 2
Sample Name : BCCL-23-1644 001 (24-0704)
Method Name : BAC
Sample Type : Sample

Line : 63
Location : 63
Sample Information : Alq 2
Sample Name : BCCL-23-1598 001 (24-0705)
Method Name : BAC
Sample Type : Sample

Line : 64
Location : 64
Sample Information : Alq 2

Sample Name : BCCL-23-1581 001 (24-0706)
Method Name : BAC
Sample Type : Sample

Line : 65
Location : 65
Sample Information : Alq 2
Sample Name : BCCL-23-1580 001 (24-0707)
Method Name : BAC
Sample Type : Sample

Line : 66
Location : 66
Sample Information :
Sample Name : Blood QC B (24-0708)
Method Name : BAC
Sample Type : Sample

Line : 67
Location : 67
Sample Information : Alq 2
Sample Name : BCCL-23-1569 001 (24-0709)
Method Name : BAC
Sample Type : Sample

Line : 68
Location : 68
Sample Information : Alq 2
Sample Name : BCCL-23-1568 012 (24-0710)
Method Name : BAC
Sample Type : Sample

Line : 69
Location : 69
Sample Information : Alq 2
Sample Name : BCCL-23-1567 001 (24-0711)
Method Name : BAC
Sample Type : Sample

Line : 70
Location : 70
Sample Information : Alq 2

Sample Name : BCCL-23-1564 002 (24-0712)
Method Name : BAC
Sample Type : Sample

Line : 71
Location : 71
Sample Information : Alq 2
Sample Name : BCCL-23-1548 001 (24-0713)
Method Name : BAC
Sample Type : Sample

Line : 72
Location : 72
Sample Information : Alq 2
Sample Name : BCCL-23-1519 001 (24-0714)
Method Name : BAC
Sample Type : Sample

Line : 73
Location : 73
Sample Information : Alq 2
Sample Name : BCCL-23-1517 001 (24-0715)
Method Name : BAC
Sample Type : Sample

Line : 74
Location : 74
Sample Information : Alq 2
Sample Name : BCCL-23-1484 001 (24-0716)
Method Name : BAC
Sample Type : Sample

Line : 75
Location : 75
Sample Information : Alq 2
Sample Name : BCCL-23-1451 001 (24-0717)
Method Name : BAC
Sample Type : Sample

Line : 76
Location : 76
Sample Information : Alq 2

Sample Name : BCCL-23-1433 001 (24-0718)
Method Name : BAC
Sample Type : Sample

Line : 77
Location : 77
Sample Information :
Sample Name : Blood QC A (24-0719)
Method Name : BAC
Sample Type : Sample

Line : 78
Location : 78
Sample Information :
Sample Name : High QC (24-0720)
Method Name : BAC
Sample Type : Sample

Line : 79
Location : 79
Sample Information :
Sample Name : Low QC (24-0721)
Method Name : BAC
Sample Type : Sample

Line : 80
Location : 80
Sample Information :
Sample Name : DI Water (24-0722)
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

==========

Agilent 7697A

==========

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

Agilent 7890A

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

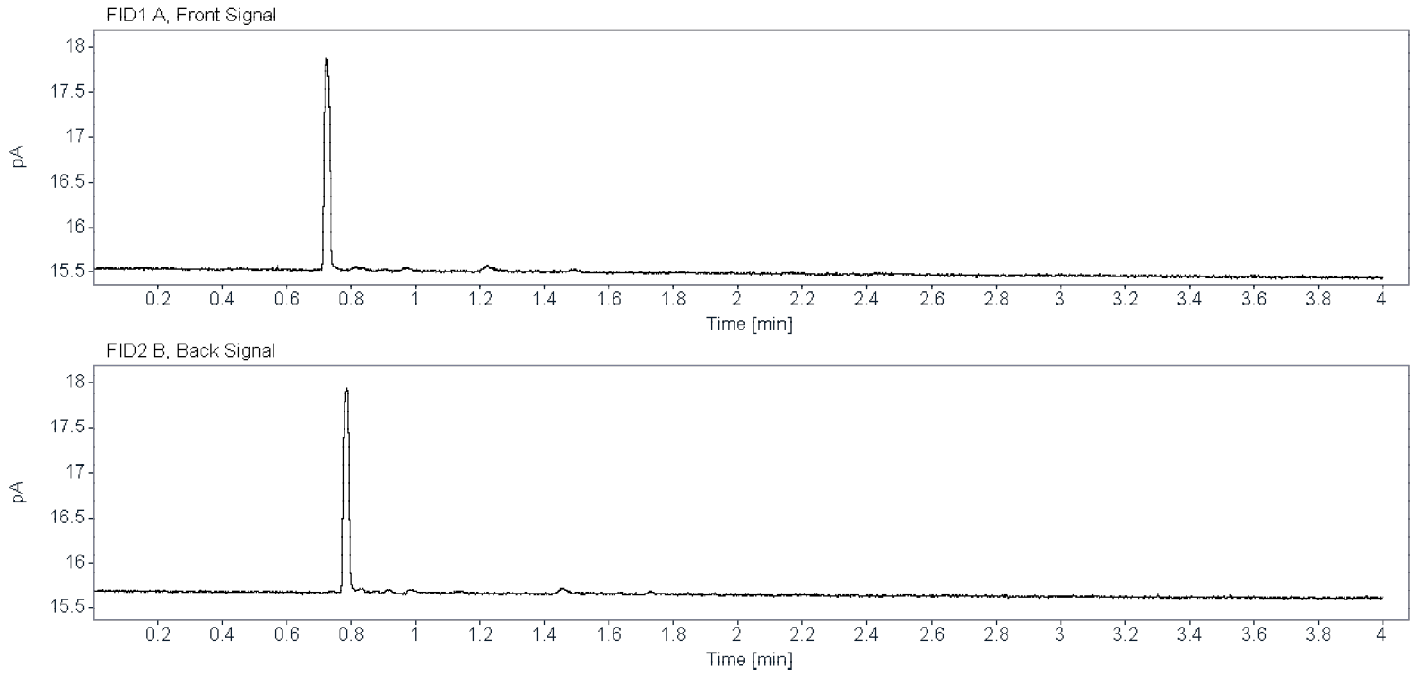
Apply Method's Manual Integration Events: No

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 83

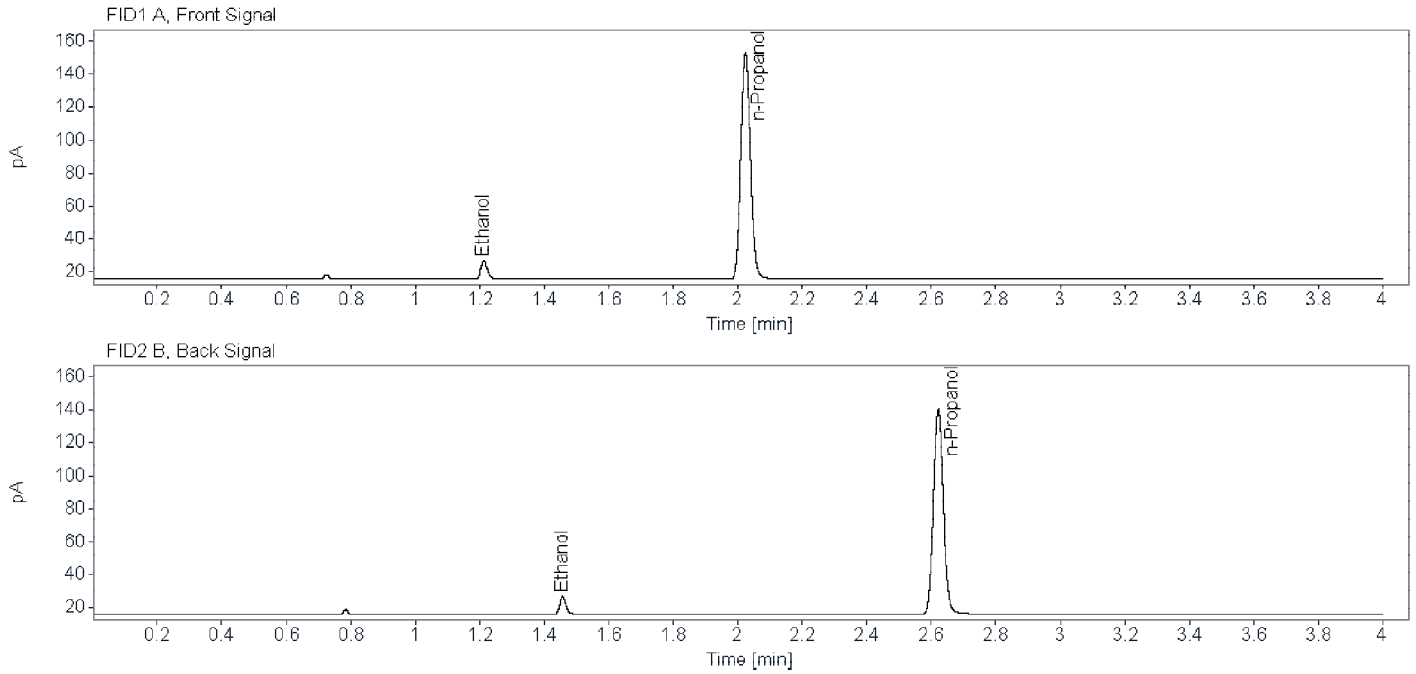
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 12:29:37 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240327PC_MH 2024-03-27 12-19-38\083F0101.D



Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: PC **Description:** **Sample Barcode** **Vial Number:** 84
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 12:34:20 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327PC_MH 2024-03-27 12-19-38\084F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78918	1.213	1.210	15.2737	0.0110
n-Propanol	0.88247	2.024	2.024	282.9268	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76933	1.457	1.454	14.2941	0.0109
n-Propanol	0.91438	2.622	2.621	265.3683	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 3/28/2024 7:55:25 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
1.208	1	1	1.00000e-2	14.67309	6.81520e-4	No	No	1	Ethanol
		2	2.50000e-2	35.82827	6.97773e-4				
		3	5.00000e-2	72.09090	6.93569e-4				
		4	1.00000e-1	150.29924	6.65339e-4				
		5	2.00000e-1	300.38986	6.65801e-4				
		6	4.00000e-1	606.53247	6.59487e-4				
		7	5.00000e-1	742.39996	6.73491e-4				
1.453	2	1	1.00000e-2	13.68526	7.30713e-4	No	No	2	Ethanol
		2	2.50000e-2	33.57676	7.44563e-4				
		3	5.00000e-2	67.44875	7.41304e-4				
		4	1.00000e-1	140.94501	7.09497e-4				
		5	2.00000e-1	283.39420	7.05731e-4				
		6	4.00000e-1	573.74719	6.97171e-4				
		7	5.00000e-1	702.08185	7.12168e-4				
2.023	1	1	1.00000e-2	274.30286	3.64561e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	265.94778	3.76014e-5				
		3	1.00000e-2	265.21967	3.77046e-5				
		4	1.00000e-2	272.89304	3.66444e-5				
		5	1.00000e-2	272.14441	3.67452e-5				
		6	1.00000e-2	272.44208	3.67050e-5				
		7	1.00000e-2	266.06284	3.75851e-5				
2.621	2	1	1.00000e-2	256.94476	3.89189e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	248.64066	4.02187e-5				
		3	1.00000e-2	247.87849	4.03423e-5				
		4	1.00000e-2	254.76031	3.92526e-5				
		5	1.00000e-2	254.11090	3.93529e-5				
		6	1.00000e-2	254.37041	3.93127e-5				
		7	1.00000e-2	248.16675	4.02955e-5				

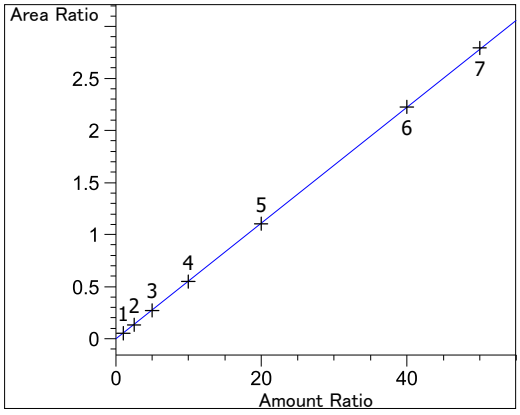
Peak Sum Table

No Entries in table

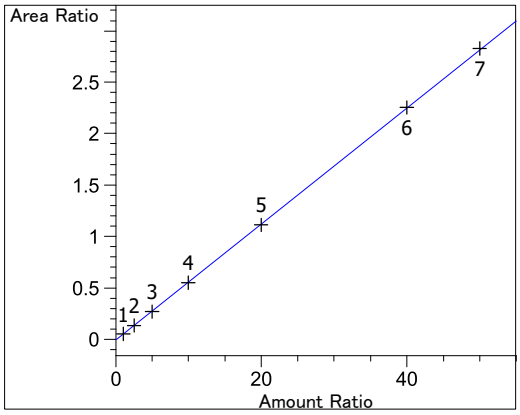
163 Warnings or Errors (10 first messages follow) :

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
Warning : Curve requires more calibration points. at 2.023 min, signal 1
Warning : Curve requires more calibration points. at 2.621 min, signal 2
Warning : Curve requires more calibration points. at 2.023 min, signal 1
Warning : Curve requires more calibration points. at 2.621 min, signal 2
Warning : Curve requires more calibration points. at 2.023 min, signal 1
Warning : Curve requires more calibration points. at 2.621 min, signal 2
Warning : Curve requires more calibration points. at 2.023 min, signal 1

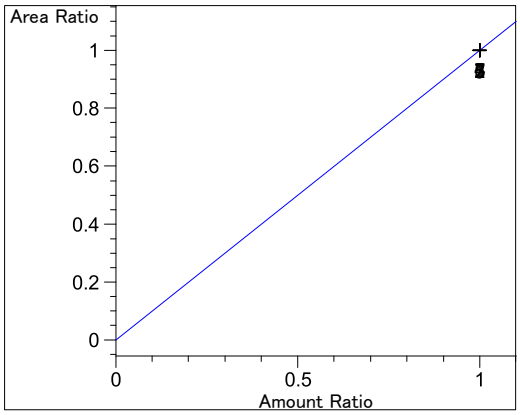
Calibration Curves



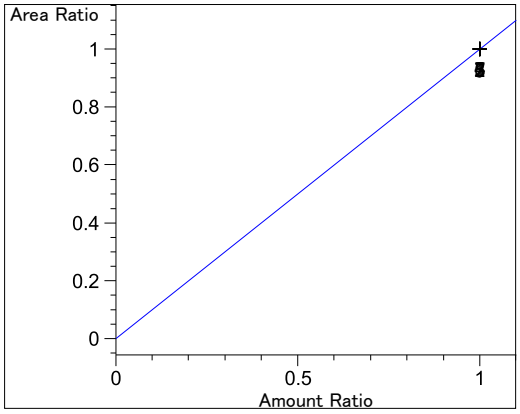
Ethanol at exp. RT: 1.208
FID1 A, Front Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00560
Formula: y = mx + b
m: 5.56857e-2
b: -3.51426e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.397065
Level 3 : 0.196796
Level 4 : 0.097124
Level 5 : 0.048462
Level 6 : 0.024028
Level 7 : 0.019171



Ethanol at exp. RT: 1.453
FID2 B, Back Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00812
Formula: y = mx + b
m: 5.64086e-2
b: -5.04797e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.394409
Level 3 : 0.195739
Level 4 : 0.096271
Level 5 : 0.047758
Level 6 : 0.023613
Level 7 : 0.018826



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

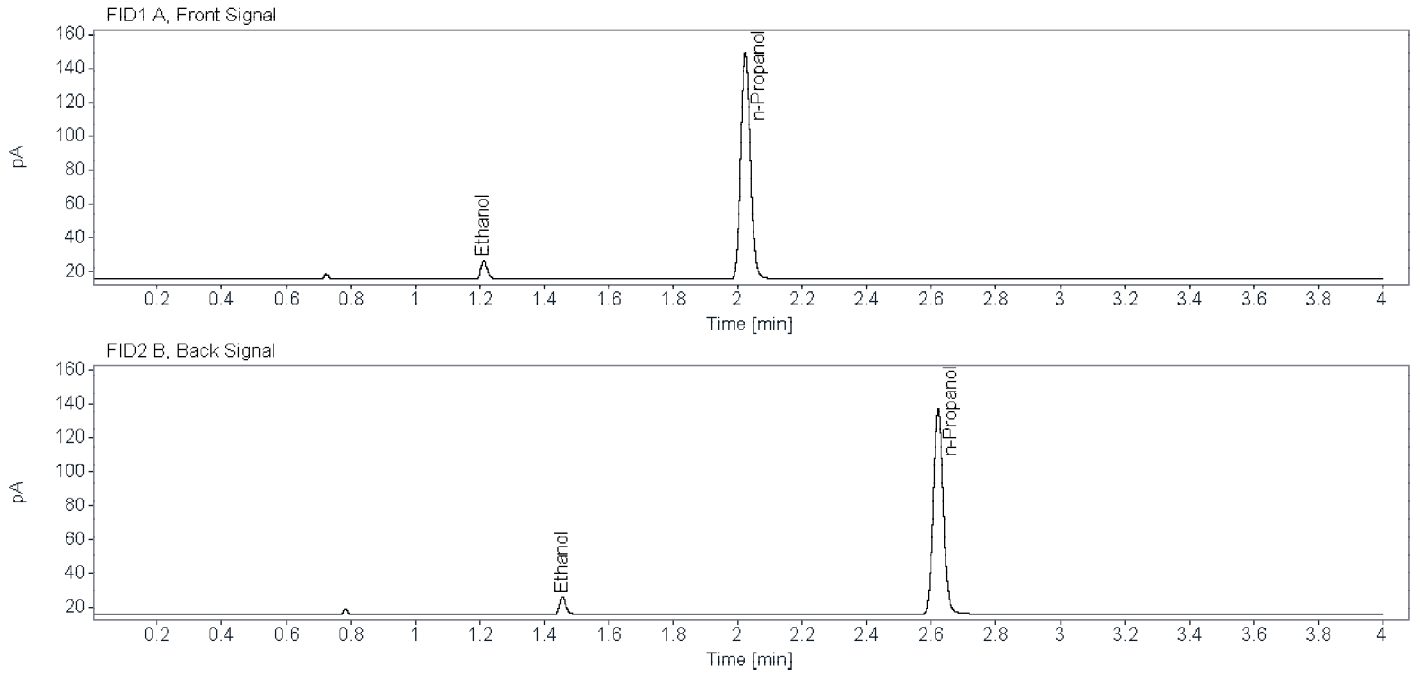


n-Propanol at exp. RT: 2.621
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

==========

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (24-0643) **Description:** **Sample Barcode** 24-0643 **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 3:14:56 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\001F0101.D



Name FID1A

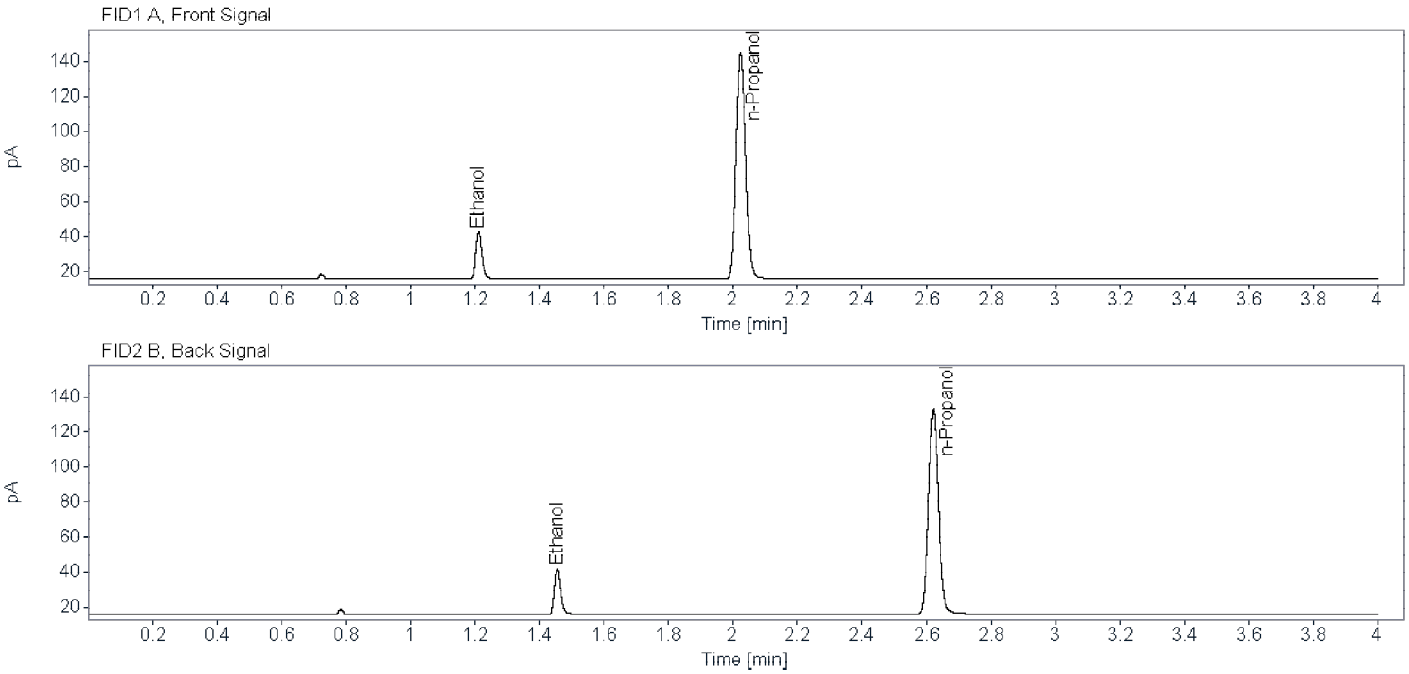
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80899	1.213	1.213	14.6731	0.0102
n-Propanol	0.87679	2.024	2.024	274.3029	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76470	1.457	1.457	13.6853	0.0103
n-Propanol	0.90872	2.622	2.622	256.9448	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (24-0644) **Description:** **Sample Barcode** 24-0644 **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 3:19:39 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\002F0201.D



Name FID1A

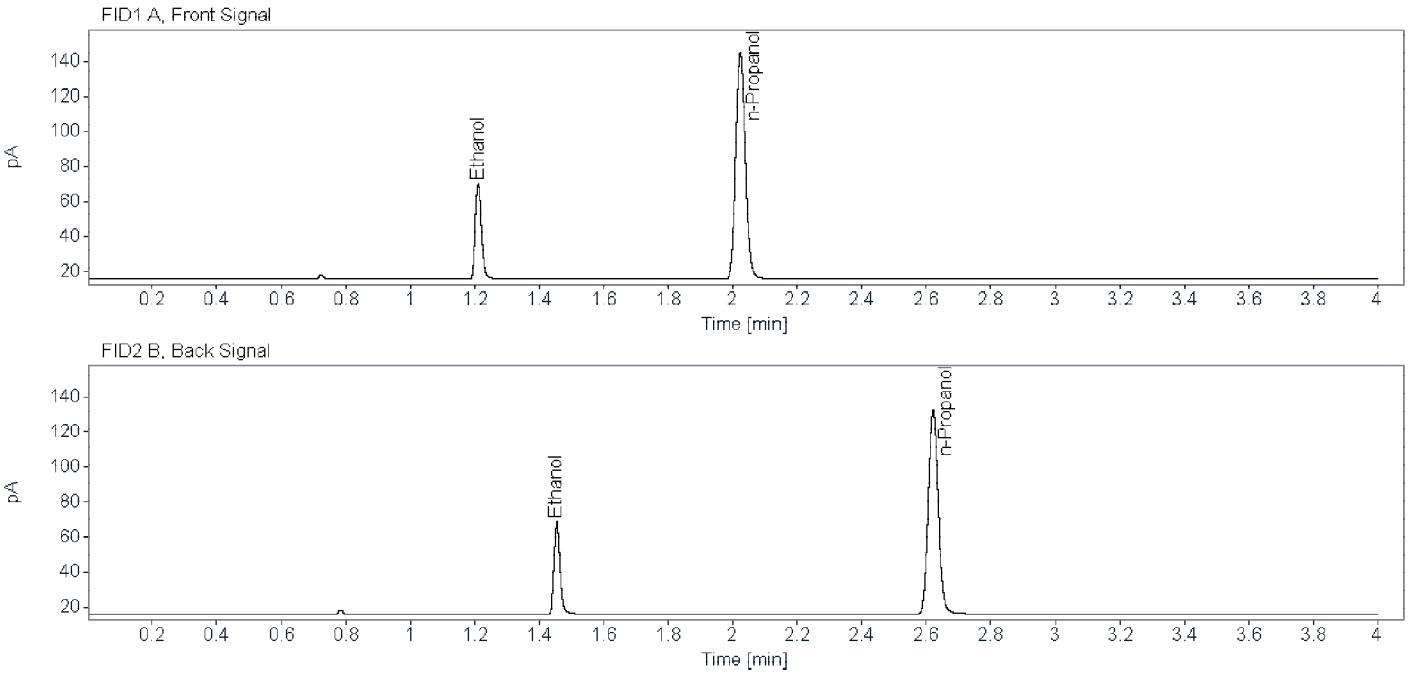
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81244	1.211	1.211	35.8283	0.0248
n-Propanol	0.87626	2.023	2.023	265.9478	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78747	1.455	1.455	33.5768	0.0248
n-Propanol	0.90988	2.621	2.621	248.6407	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (24-0645) **Description:** **Sample Barcode** 24-0645 **Vial Number:** 3
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 3:25:20 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\003F0301.D



Name FID1A

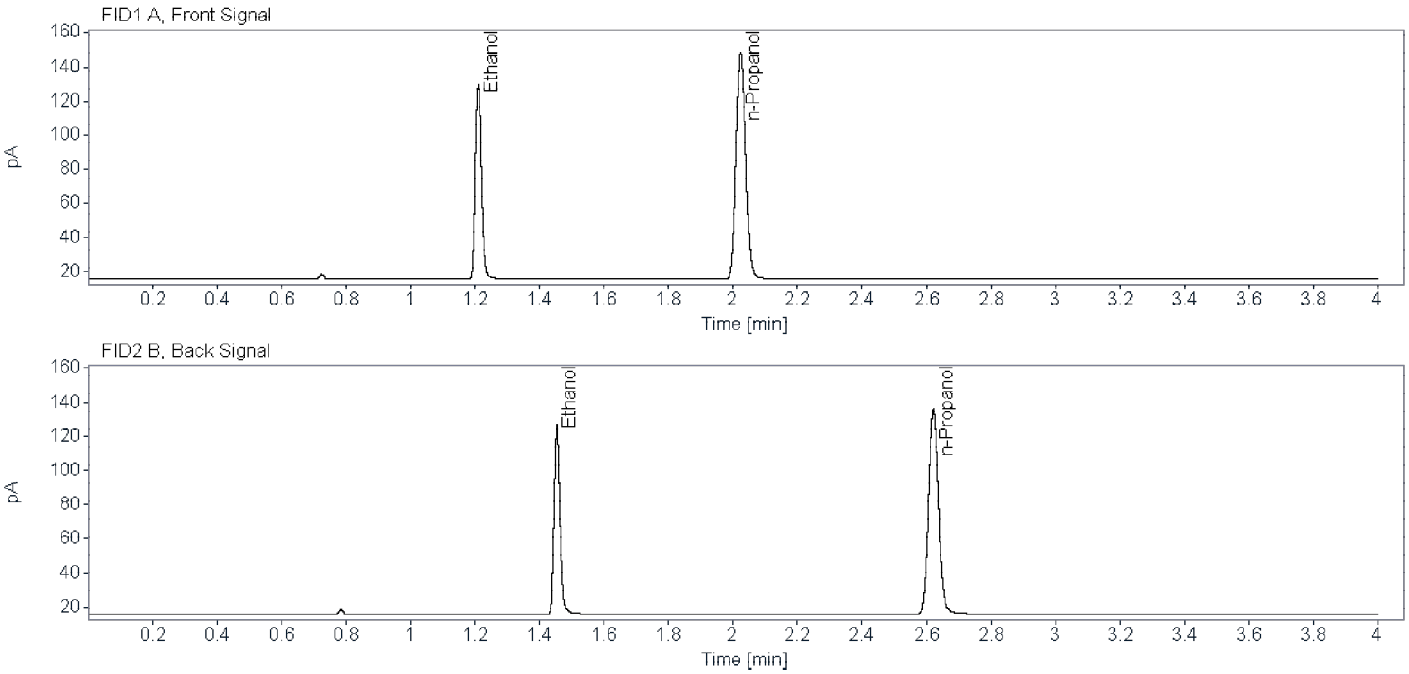
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81464	1.211	1.211	72.0909	0.0494
n-Propanol	0.87301	2.023	2.023	265.2197	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79107	1.454	1.454	67.4487	0.0491
n-Propanol	0.91182	2.621	2.621	247.8785	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (24-0646) **Description:** **Sample Barcode** 24-0646 **Vial Number:** 4
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 3:30:04 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\004F0401.D



Name FID1A

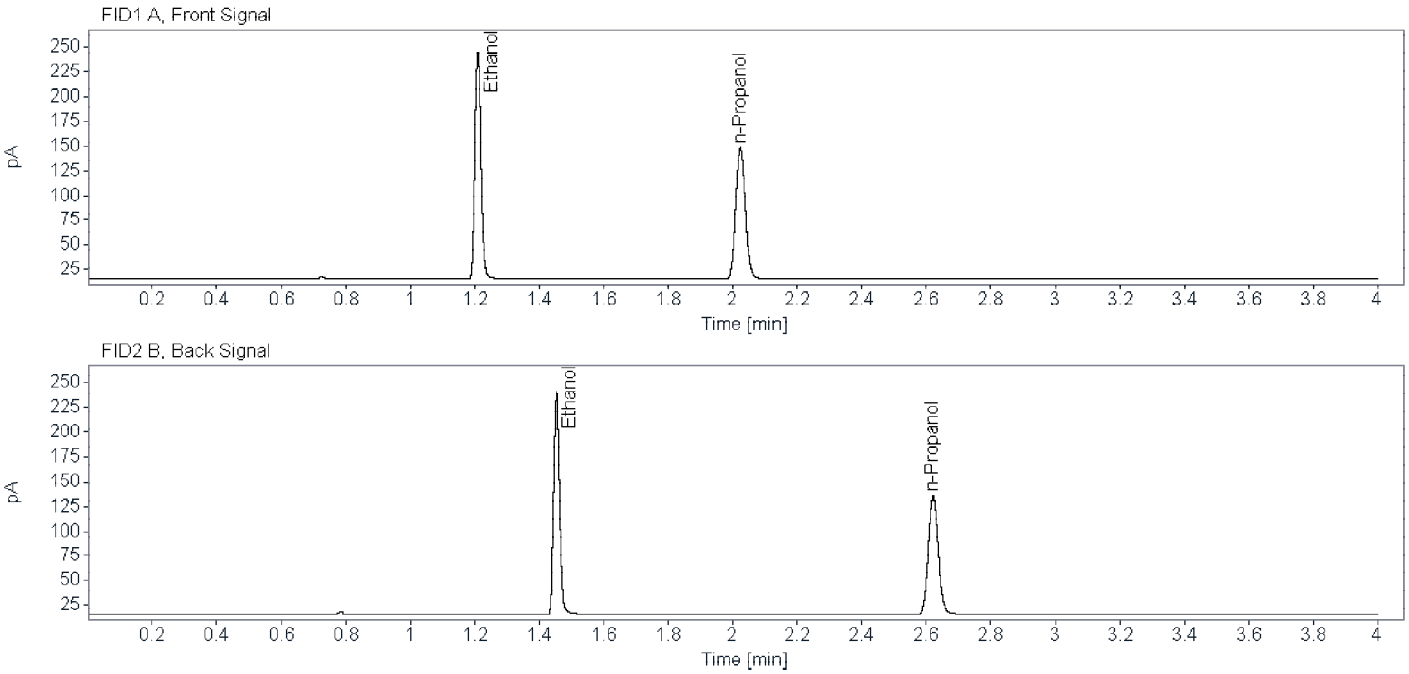
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84258	1.210	1.210	150.2992	0.0995
n-Propanol	0.87807	2.024	2.024	272.8930	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82278	1.454	1.454	140.9450	0.0990
n-Propanol	0.90622	2.622	2.622	254.7603	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (24-0647) **Description:** **Sample Barcode** 24-0647 **Vial Number:** 5
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 3:35:45 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\005F0501.D



Name FID1A

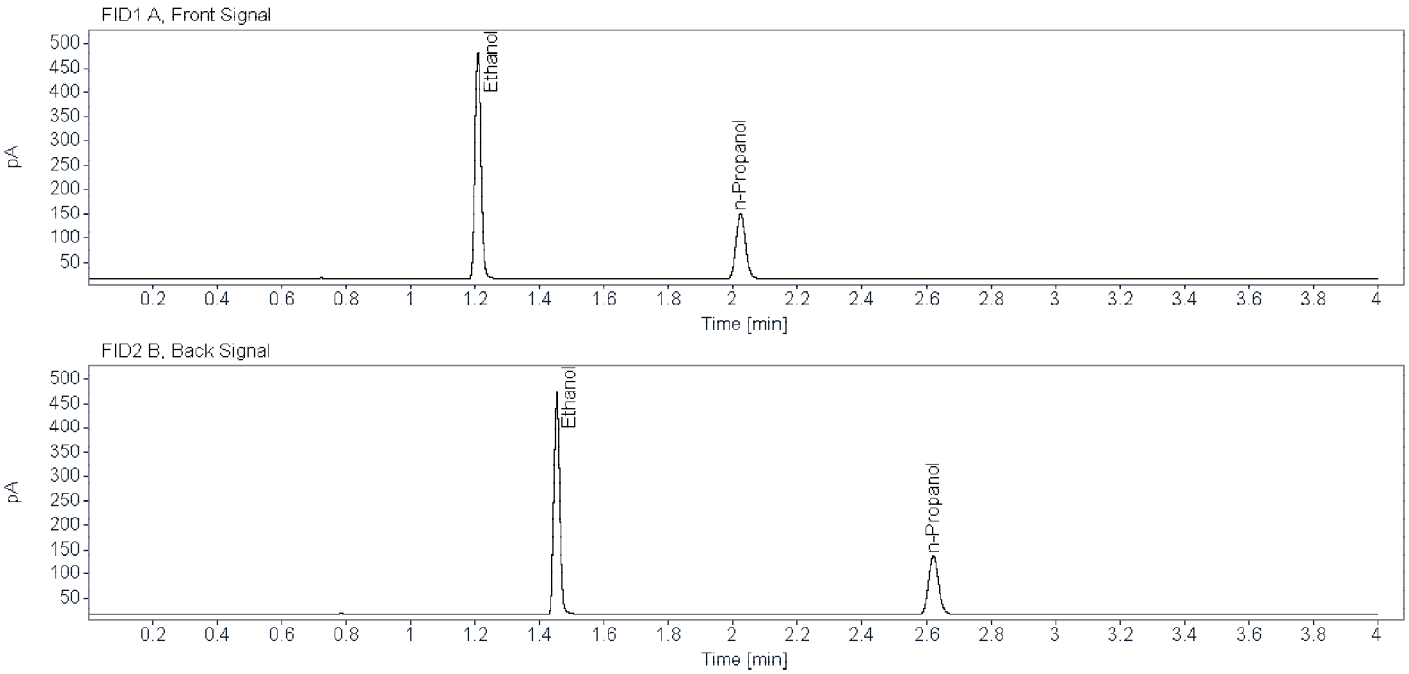
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84864	1.210	1.210	300.3899	0.1988
n-Propanol	0.87013	2.023	2.023	272.1444	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84906	1.454	1.454	283.3942	0.1986
n-Propanol	0.91297	2.622	2.622	254.1109	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (24-0648) **Description:** **Sample Barcode** 24-0648 **Vial Number:** 6
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 3:40:27 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\006F0601.D



Name FID1A

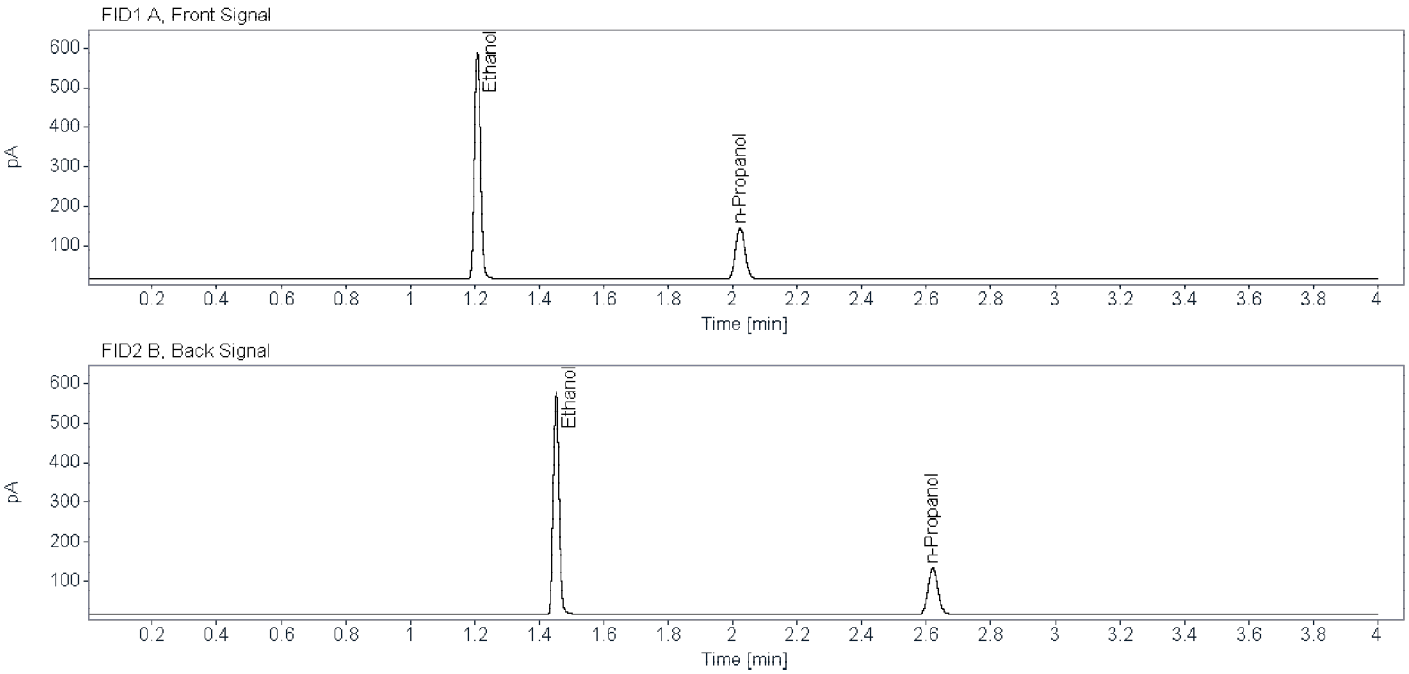
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87952	1.209	1.209	606.5325	0.4004
n-Propanol	0.87812	2.023	2.023	272.4421	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.92158	1.454	1.454	573.7472	0.4008
n-Propanol	0.90430	2.621	2.621	254.3704	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (24-0649) **Description:** **Sample Barcode** 24-0649 **Vial Number:** 7
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 3:46:09 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\007F0701.D



Name FID1A

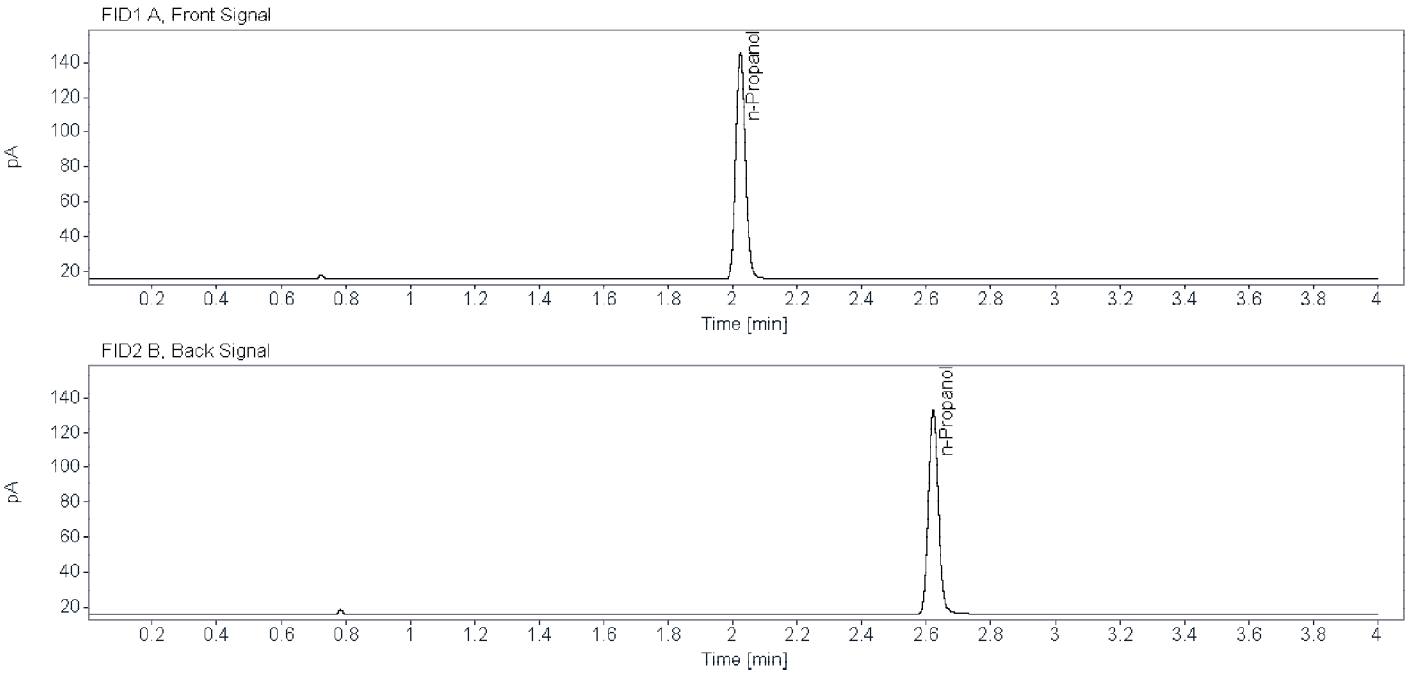
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.89821	1.208	1.208	742.4000	0.5017
n-Propanol	0.87538	2.023	2.023	266.0628	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.93870	1.453	1.453	702.0818	0.5024
n-Propanol	0.90729	2.621	2.621	248.1667	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (24-0650) **Description:** **Sample Barcode** 24-0650 **Vial Number:** 8
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 3:51:33 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\008F0801.D



Name FID1A

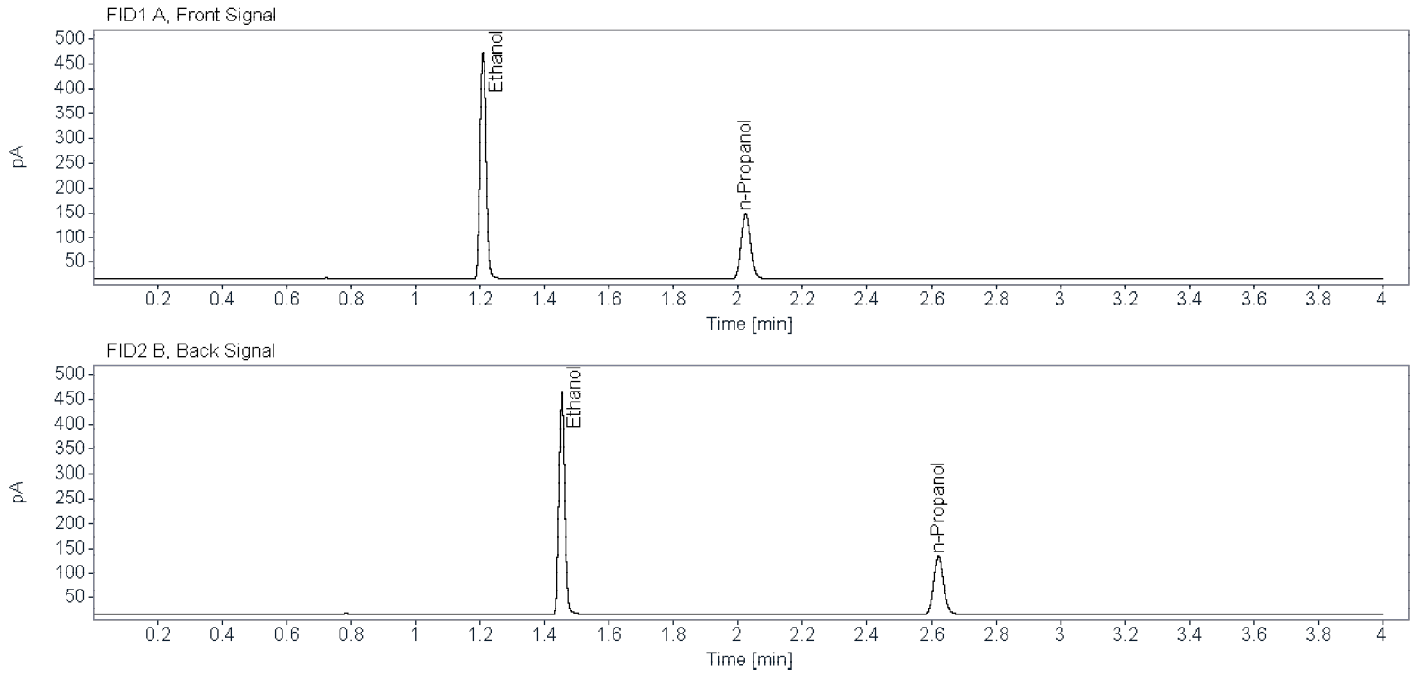
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87480	2.024	2.023	266.2396	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90011	2.622	2.621	247.9934	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-0651) **Description:** **Sample Barcode** 24-0651 **Vial Number:** 9
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 3:57:14 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\009F0901.D



Name FID1A

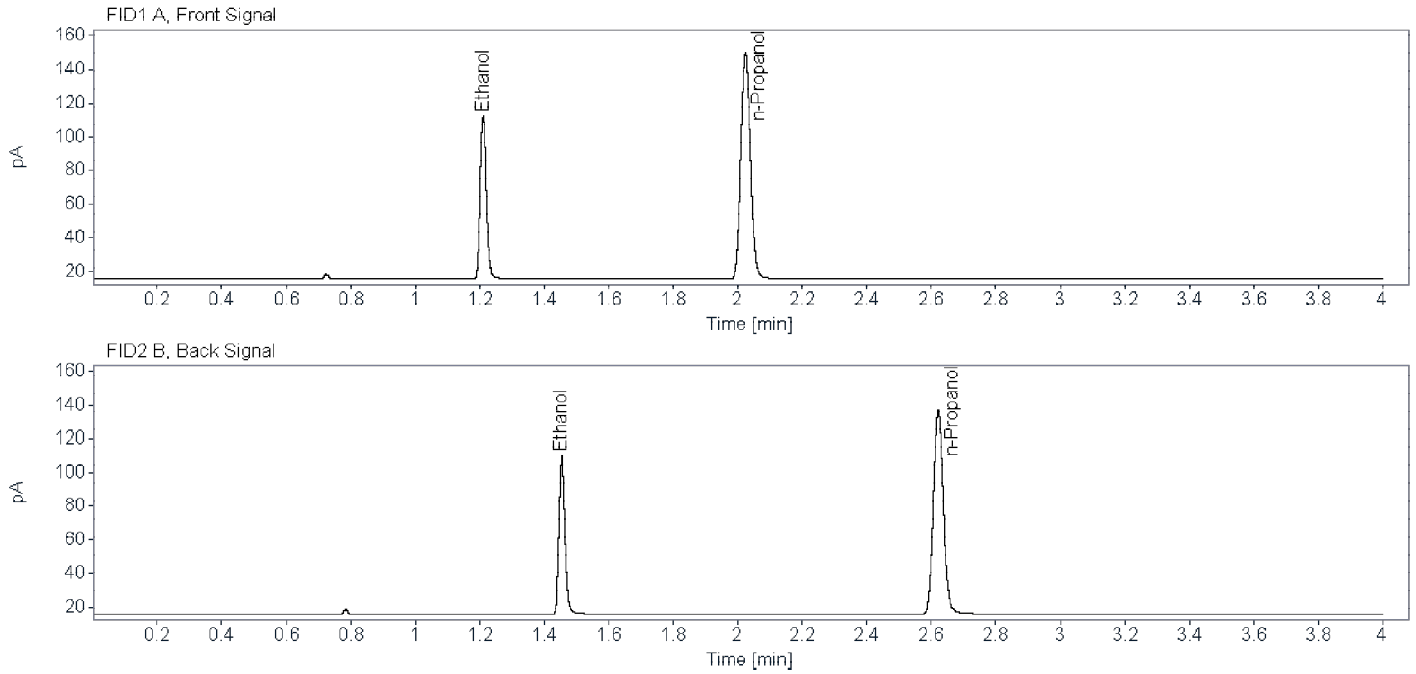
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88076	1.209	1.208	598.1133	0.4036
n-Propanol	0.87946	2.024	2.023	266.5327	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.91768	1.454	1.453	565.9479	0.4046
n-Propanol	0.90560	2.622	2.621	248.5296	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-0652) **Description:** **Sample Barcode** 24-0652 **Vial Number:** 10
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 4:01:57 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\010F1001.D



Name FID1A

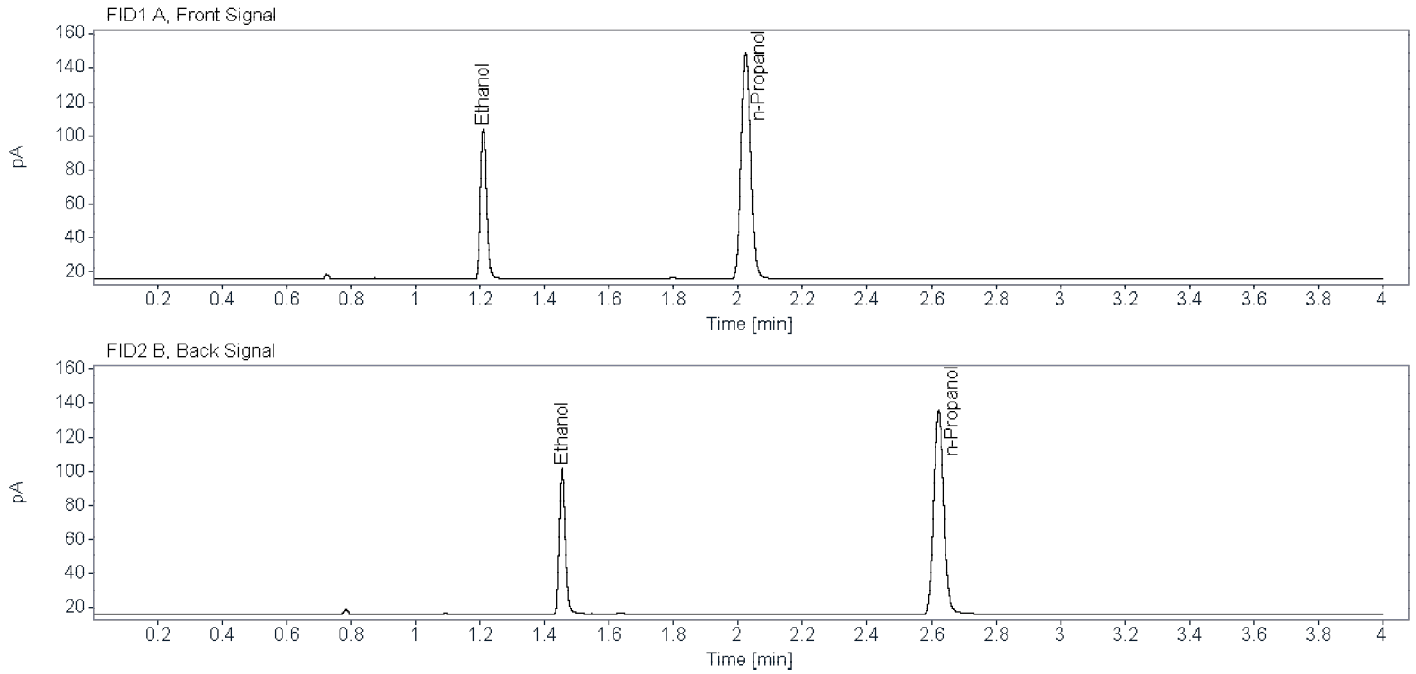
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82728	1.210	1.208	123.4527	0.0811
n-Propanol	0.87598	2.024	2.023	275.3140	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81988	1.454	1.453	116.3748	0.0813
n-Propanol	0.90036	2.622	2.621	256.4268	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-0653) **Description:** **Sample Barcode** 24-0653 **Vial Number:** 11
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 4:07:38 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\011F1101.D



Name FID1A

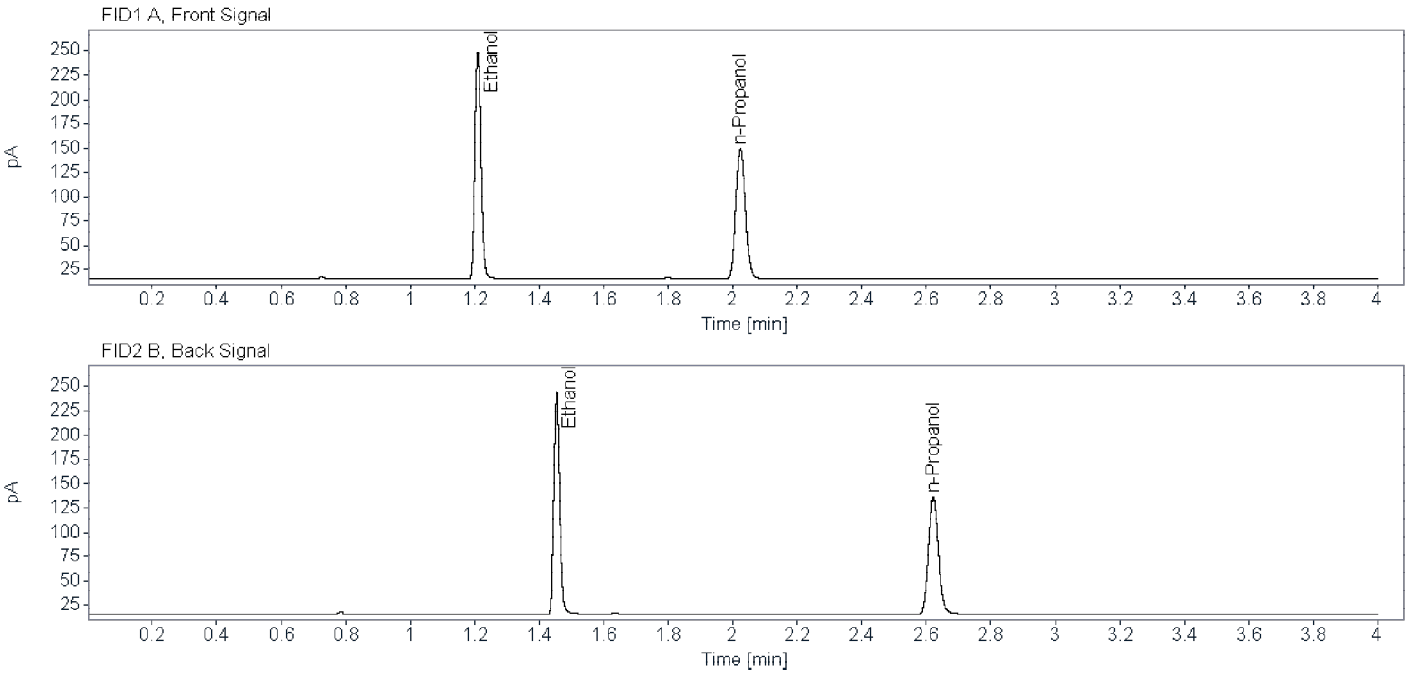
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83559	1.211	1.208	116.5123	0.0771
n-Propanol	0.87960	2.024	2.023	273.7854	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81108	1.455	1.453	108.7397	0.0764
n-Propanol	0.90576	2.622	2.621	255.2264	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-0664) **Description:** **Sample Barcode** 24-0664 **Vial Number:** 22
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 5:04:21 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\022F2201.D



Name FID1A

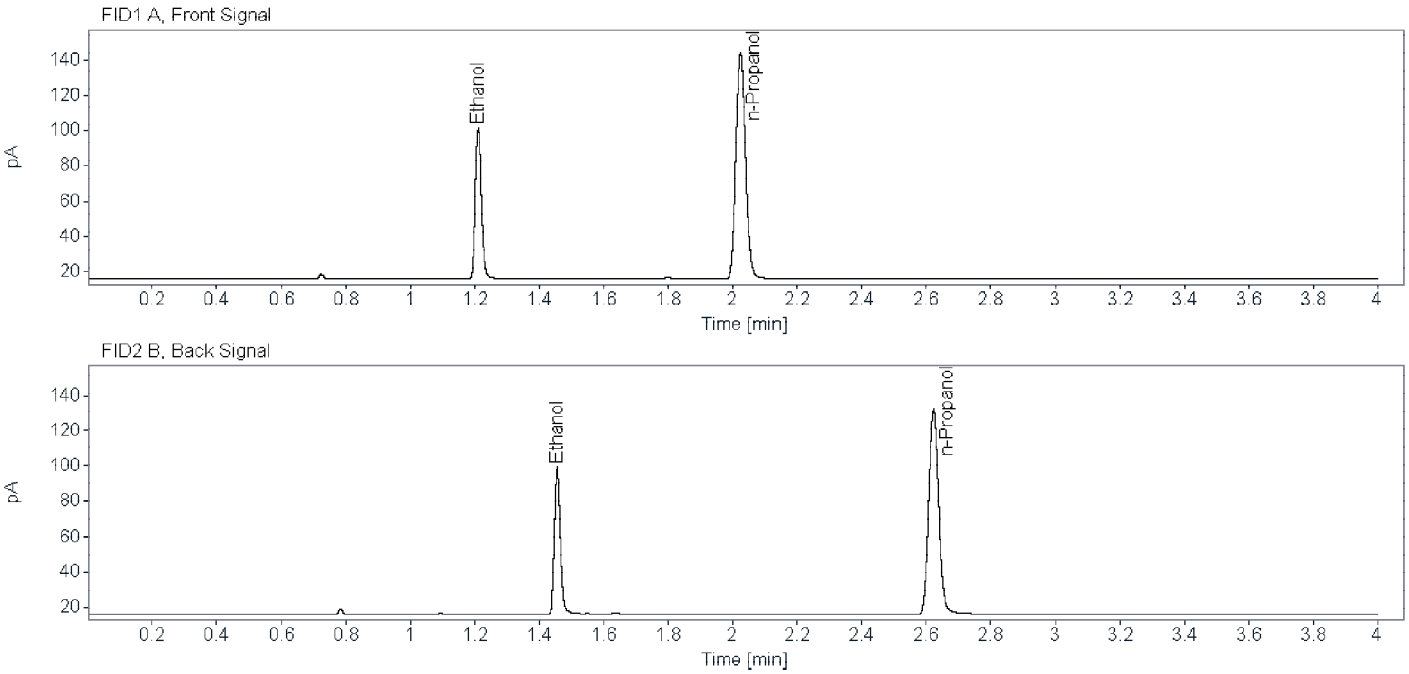
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84649	1.210	1.208	305.0120	0.2002
n-Propanol	0.87507	2.024	2.023	274.4217	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85515	1.454	1.453	287.4759	0.2005
n-Propanol	0.89751	2.622	2.621	255.2883	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-0675) **Description:** **Sample Barcode** 24-0675 **Vial Number:** 33
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 6:02:03 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\033F3301.D



Name FID1A

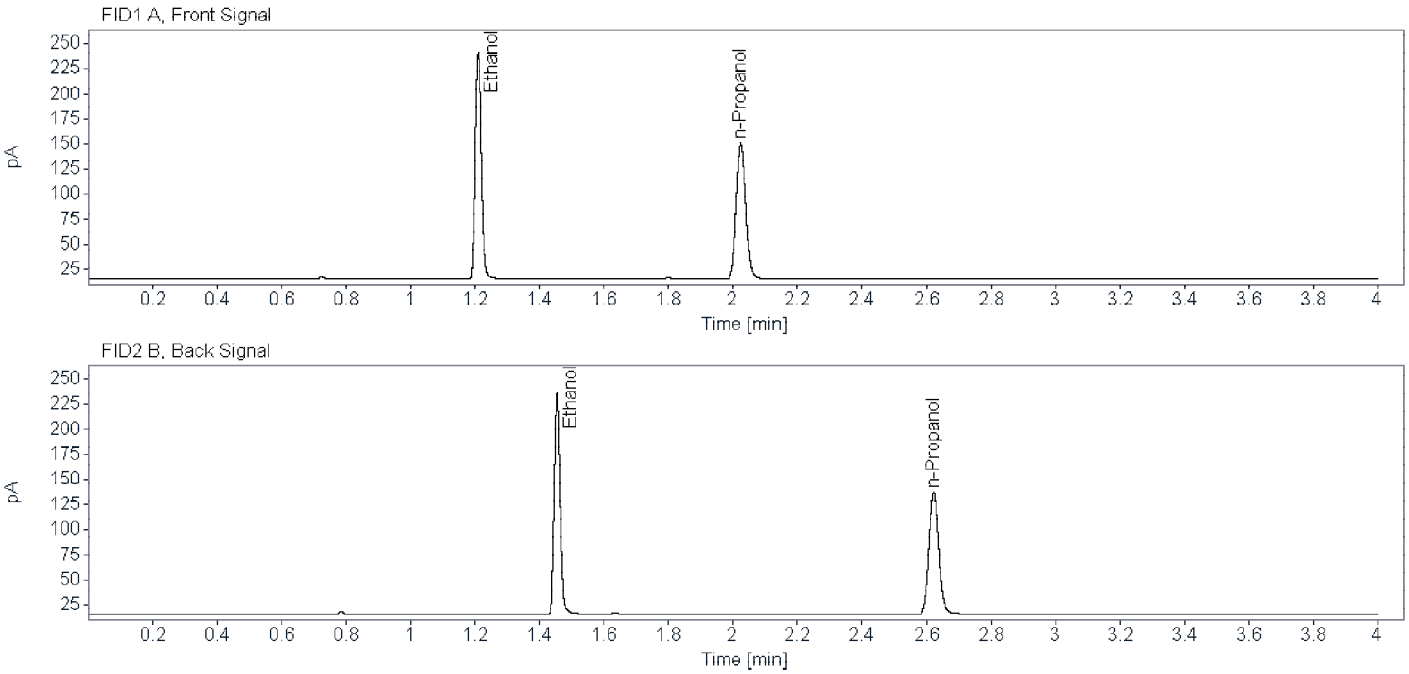
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83052	1.211	1.208	112.8299	0.0773
n-Propanol	0.87151	2.024	2.023	264.2683	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80839	1.456	1.453	105.4437	0.0770
n-Propanol	0.89414	2.623	2.621	245.7382	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-0686) **Description:** **Sample Barcode** 24-0686 **Vial Number:** 44
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 6:58:46 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\044F4401.D



Name FID1A

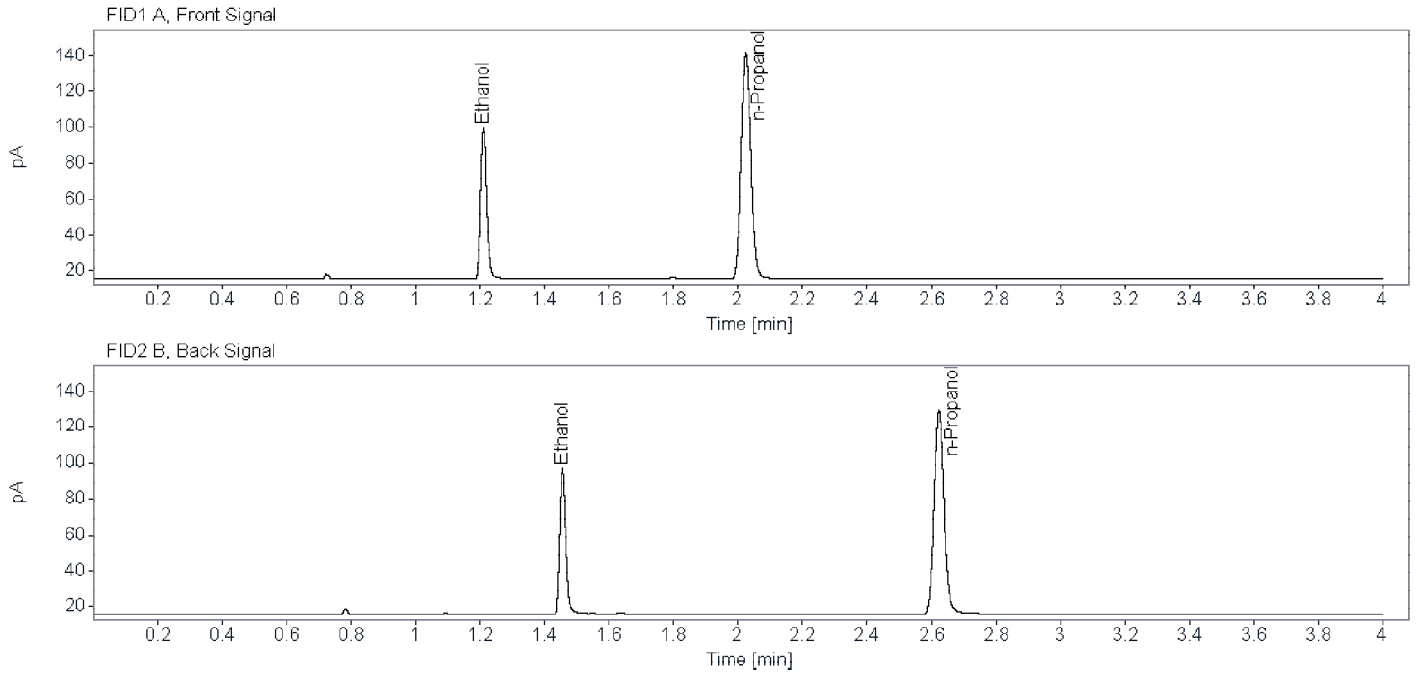
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85773	1.210	1.208	295.4603	0.1928
n-Propanol	0.88396	2.024	2.023	276.1465	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85131	1.454	1.453	277.9067	0.1928
n-Propanol	0.89875	2.622	2.621	256.7622	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-0697) **Description:** **Sample Barcode** 24-0697 **Vial Number:** 55
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 7:56:26 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\055F5501.D



Name FID1A

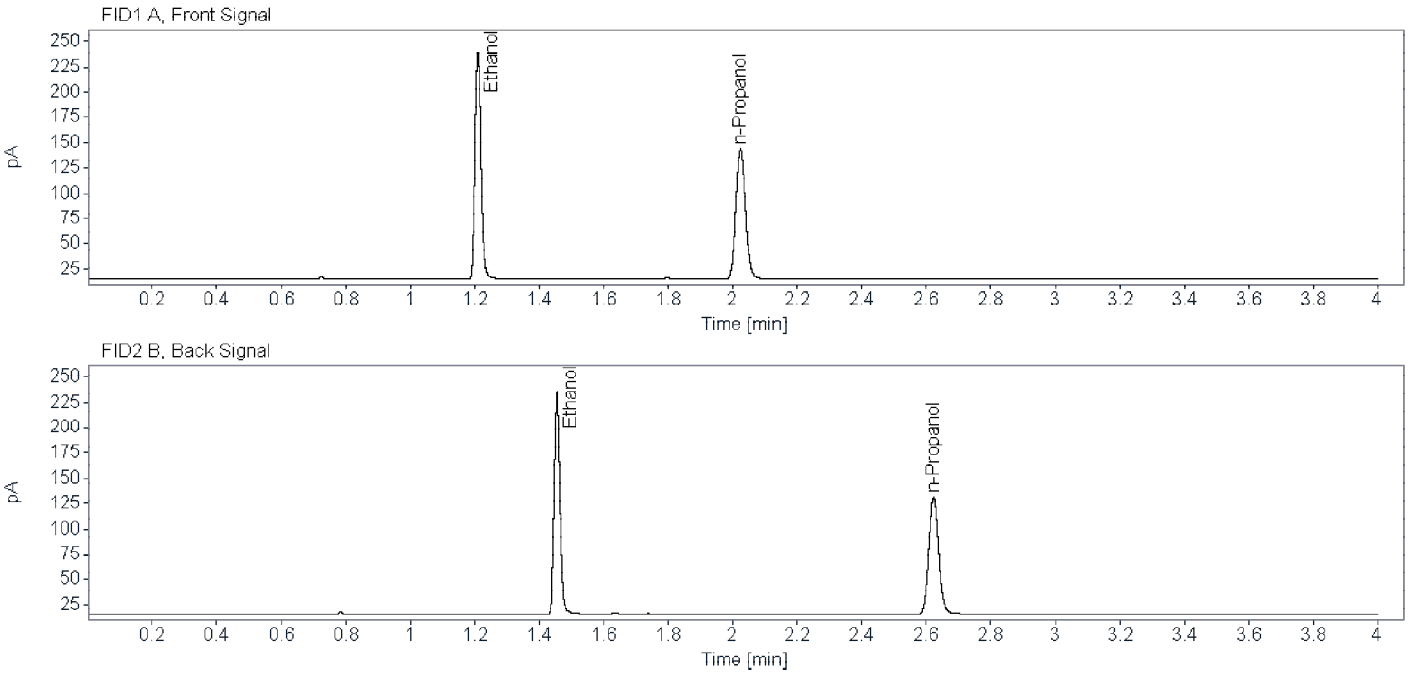
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82823	1.211	1.208	109.5808	0.0769
n-Propanol	0.87608	2.024	2.023	258.0266	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81117	1.456	1.453	102.3881	0.0766
n-Propanol	0.89263	2.623	2.621	239.8354	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-0708) **Description:** **Sample Barcode** 24-0708 **Vial Number:** 66
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 8:53:10 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\066F6601.D



Name FID1A

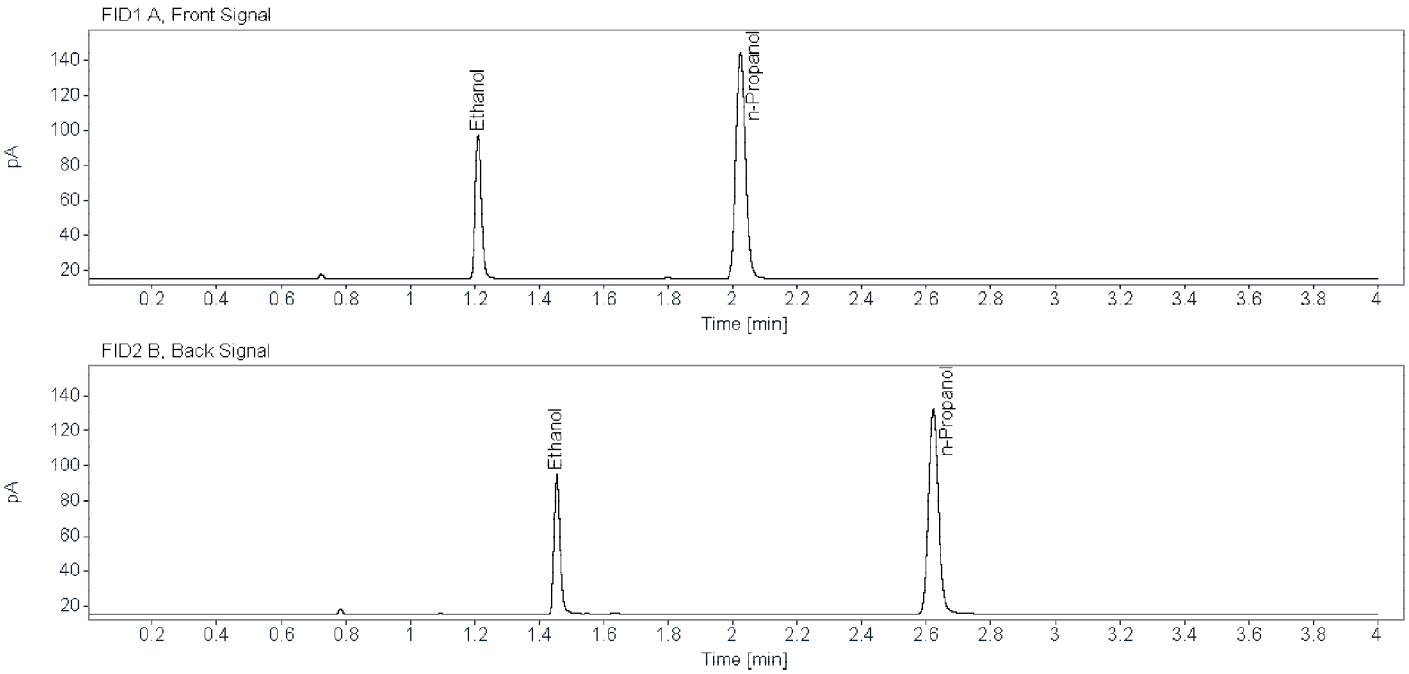
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84272	1.210	1.208	289.9323	0.1989
n-Propanol	0.86904	2.024	2.023	262.5985	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84908	1.455	1.453	272.4394	0.1987
n-Propanol	0.89705	2.623	2.621	244.1227	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-0719) **Description:** **Sample Barcode** 24-0719 **Vial Number:** 77
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 9:50:50 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\077F7701.D



Name FID1A

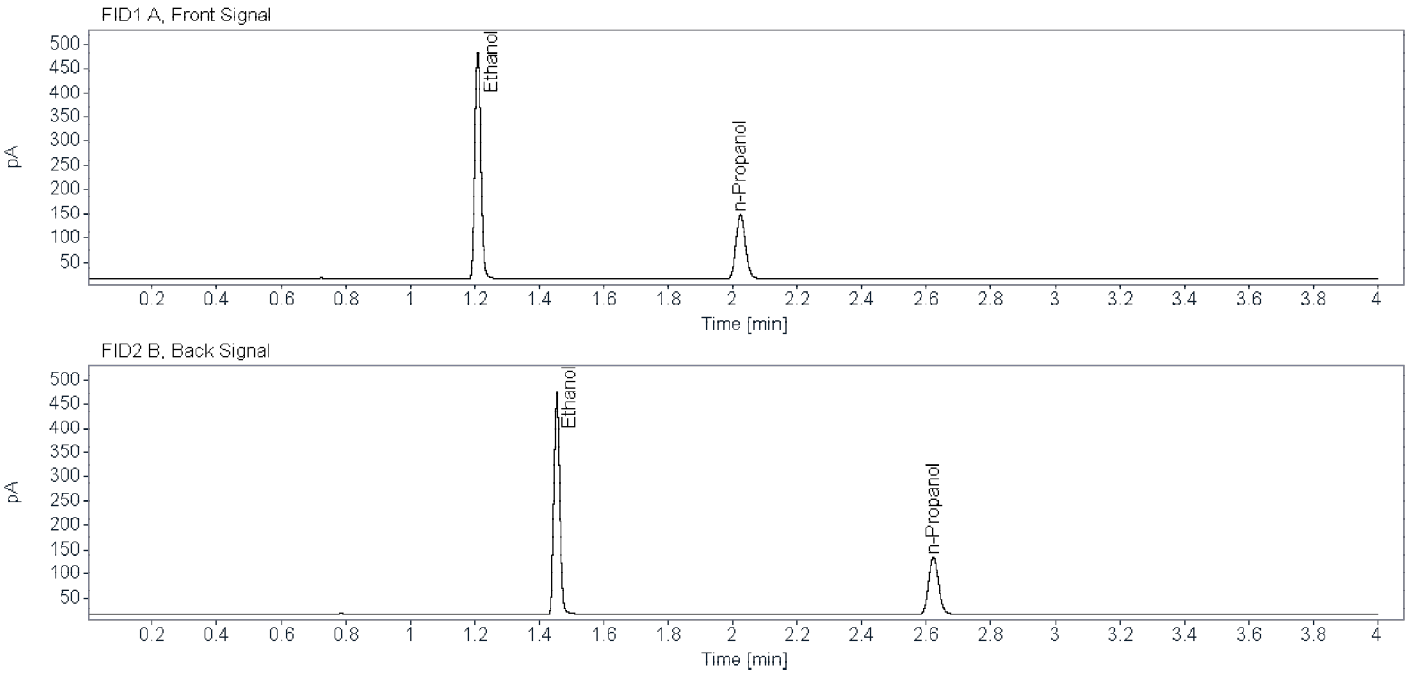
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82488	1.211	1.208	108.9969	0.0745
n-Propanol	0.86887	2.024	2.023	265.0144	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79559	1.455	1.453	101.7822	0.0740
n-Propanol	0.89286	2.622	2.621	246.8401	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-0720) **Description:** **Sample Barcode** 24-0720 **Vial Number:** 78
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 9:55:34 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\078F7801.D



Name FID1A

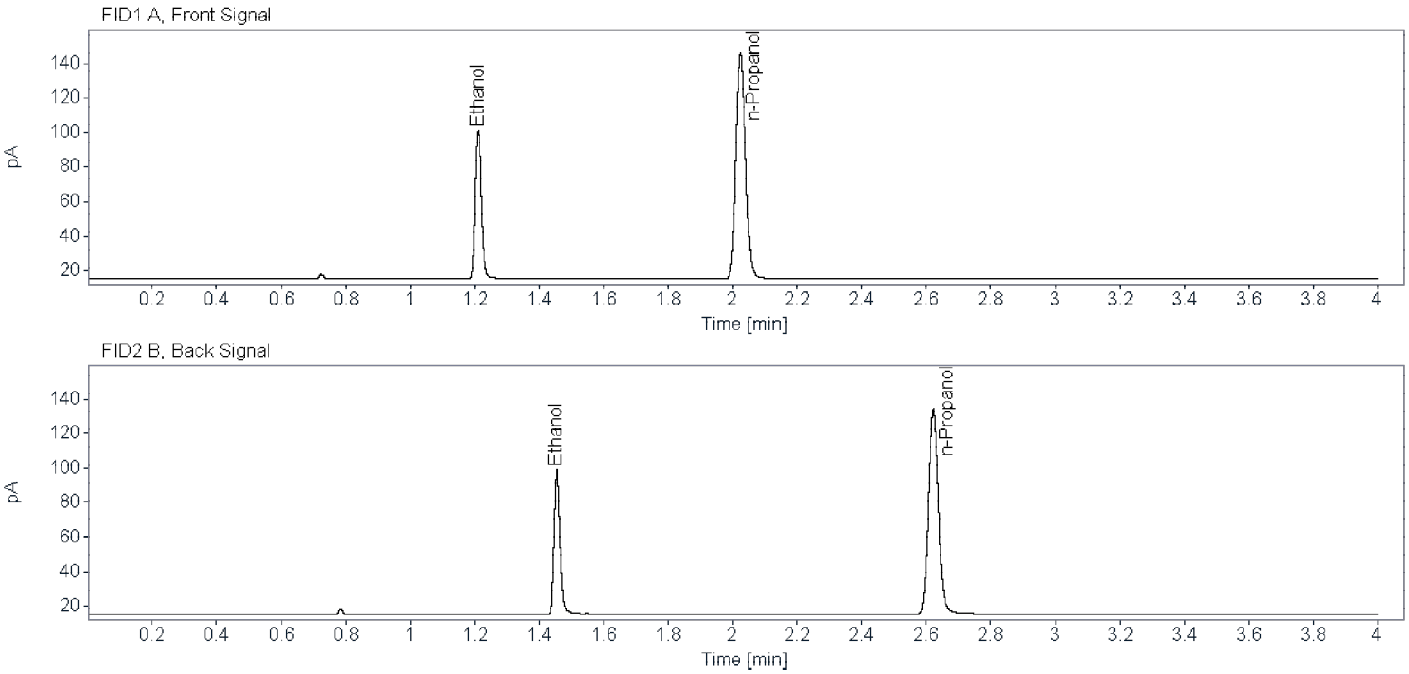
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87316	1.210	1.208	611.1005	0.4085
n-Propanol	0.87136	2.024	2.023	269.0753	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.91758	1.455	1.453	577.3931	0.4097
n-Propanol	0.89569	2.622	2.621	250.3882	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-0721) **Description:** **Sample Barcode** 24-0721 **Vial Number:** 79
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 10:01:14 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\079F7901.D



Name FID1A

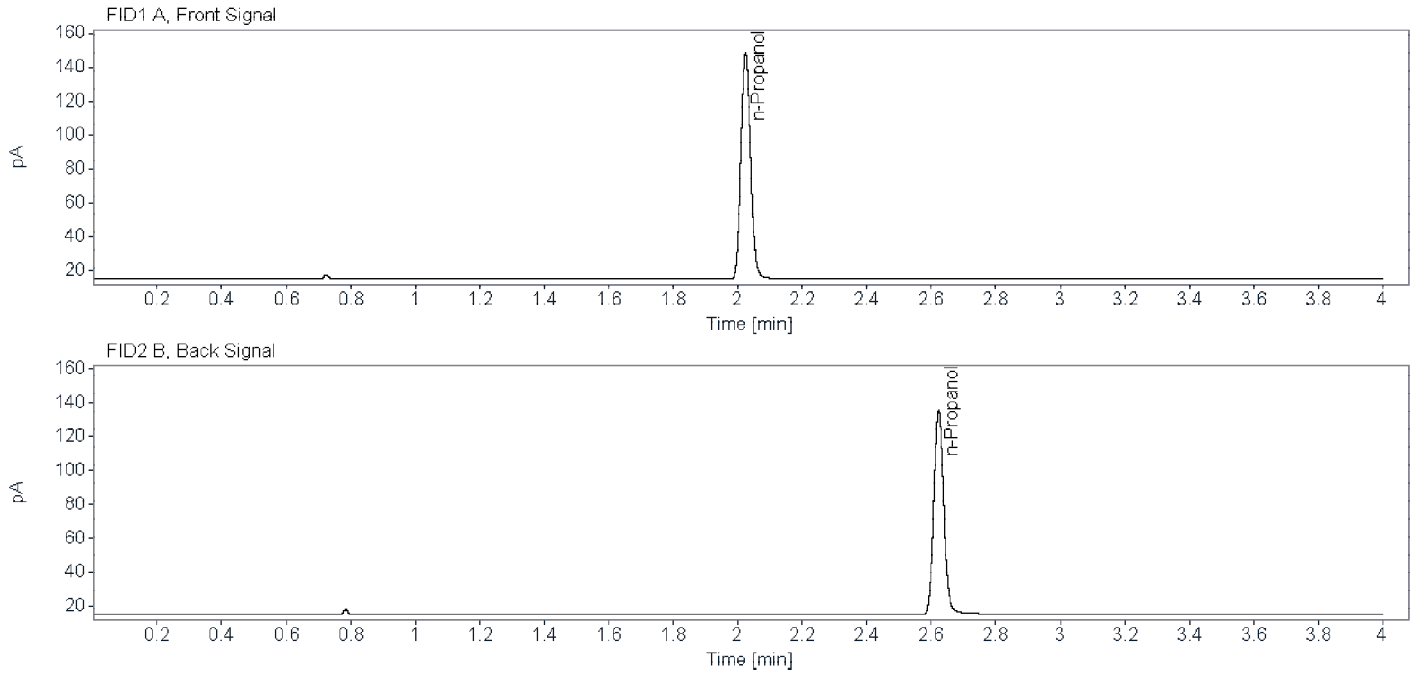
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82175	1.211	1.208	114.0287	0.0766
n-Propanol	0.87060	2.024	2.023	269.6283	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79850	1.455	1.453	106.3638	0.0761
n-Propanol	0.89347	2.622	2.621	250.7737	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (24-0722) **Description:** **Sample Barcode** **Vial Number:** 80
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 10:05:57 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\080F8001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87305	2.024	2.023	273.4582	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89831	2.623	2.621	254.2634	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1433 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1112	Aliquot 1:	0.1113
	Aliquot 2:	0.1166	Aliquot 2:	0.1160

Reported Result: 0.113 g/100 mL

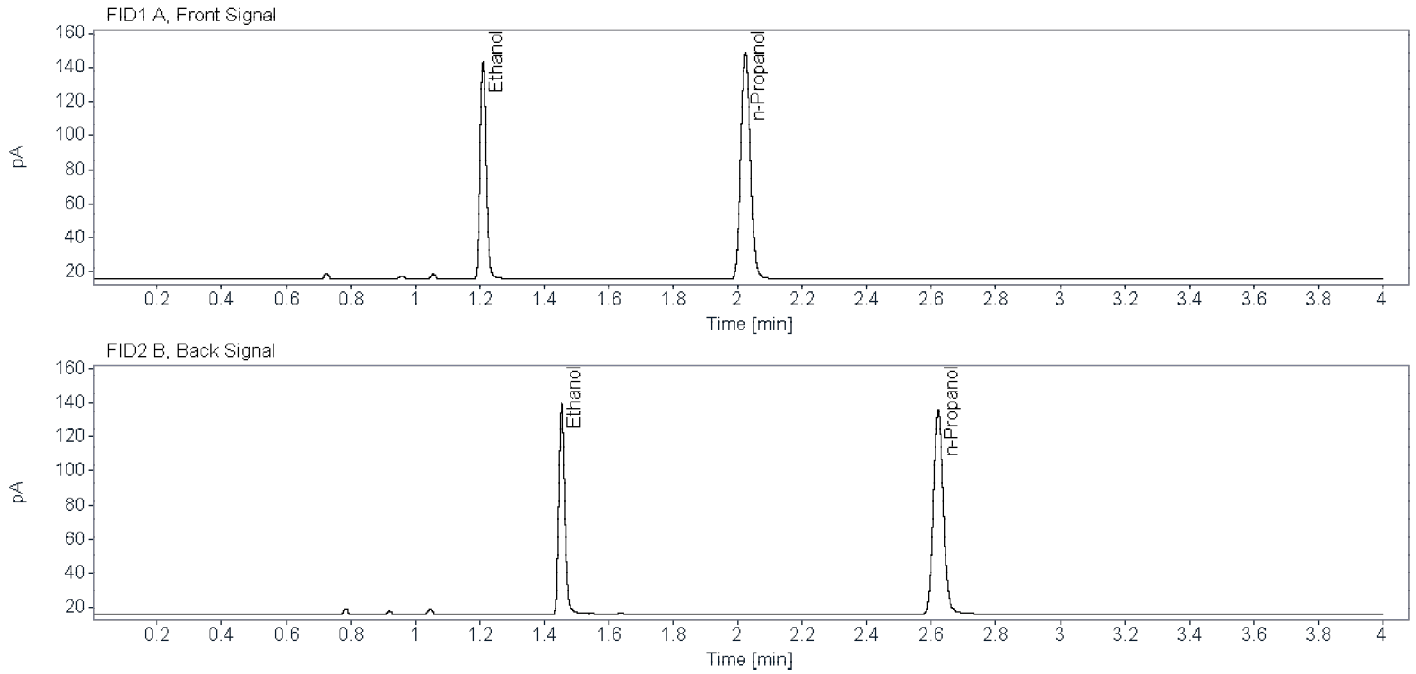
Reported UM: 0.016 g/100 mL

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1433 001 (24-0654) **Description:** Alq 1 **Sample Barcode** 24-0654 **Vial Number:** 12
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 4:12:22 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\012F1201.D



Name FID1A

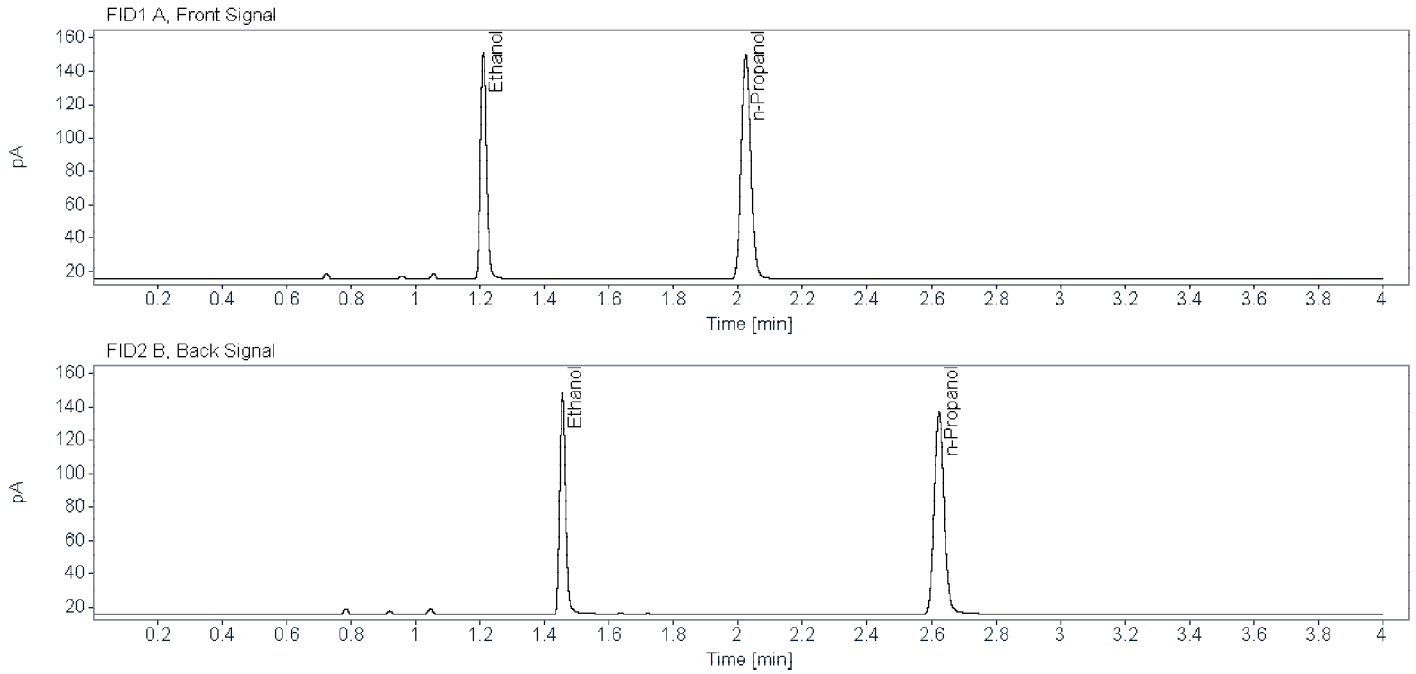
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83386	1.210	1.208	167.9786	0.1112
n-Propanol	0.87405	2.024	2.023	272.7795	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82230	1.454	1.453	158.2686	0.1113
n-Propanol	0.89802	2.622	2.621	254.2070	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1433 001 (24-0718) **Description:** Alq 2 **Sample Barcode** 24-0718 **Vial Number:** 76
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 9:45:09 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\076F7601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84768	1.210	1.208	177.4588	0.1166
n-Propanol	0.87647	2.024	2.023	274.9122	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82888	1.456	1.453	166.2425	0.1160
n-Propanol	0.89832	2.623	2.621	256.0405	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1451 001

Batch Name: BAC_20240327_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**

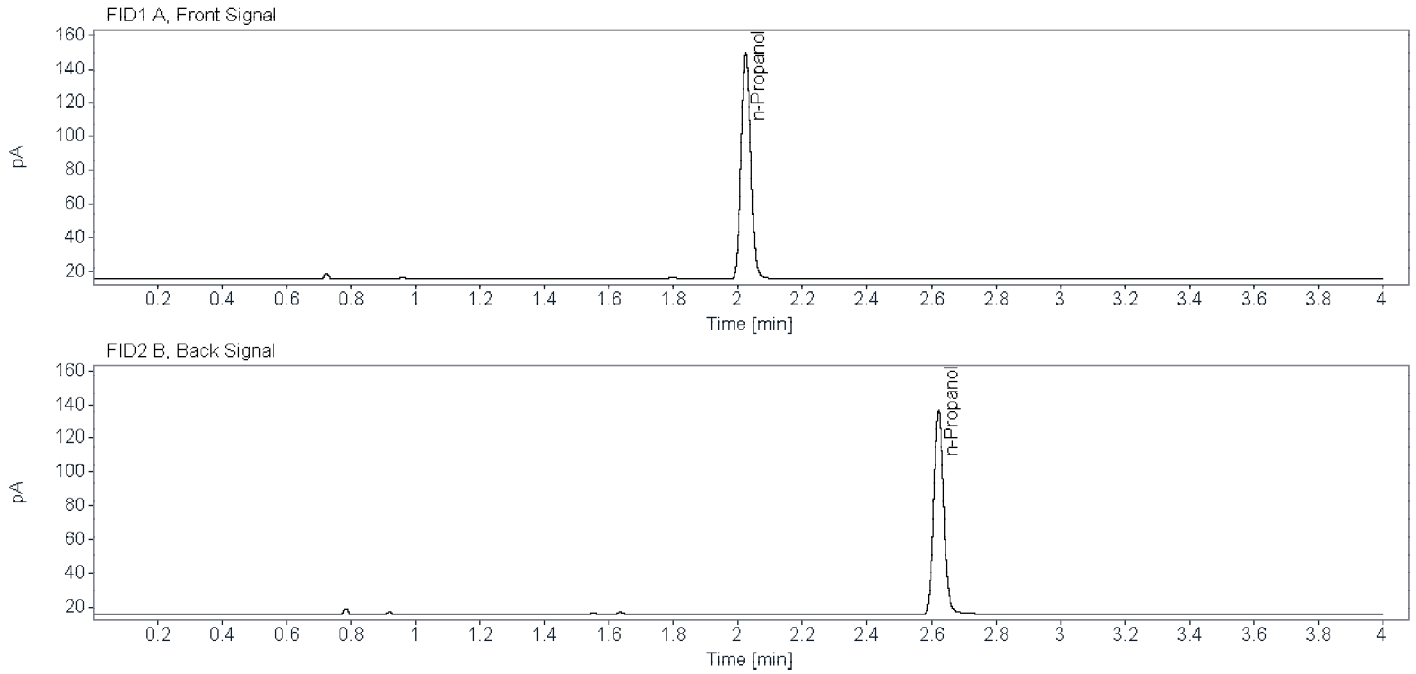
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1451 001 (24-0655) **Description:** Alq 1 **Sample Barcode** 24-0655 **Vial Number:** 13
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 4:18:02 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\013F1301.D



Name FID1A

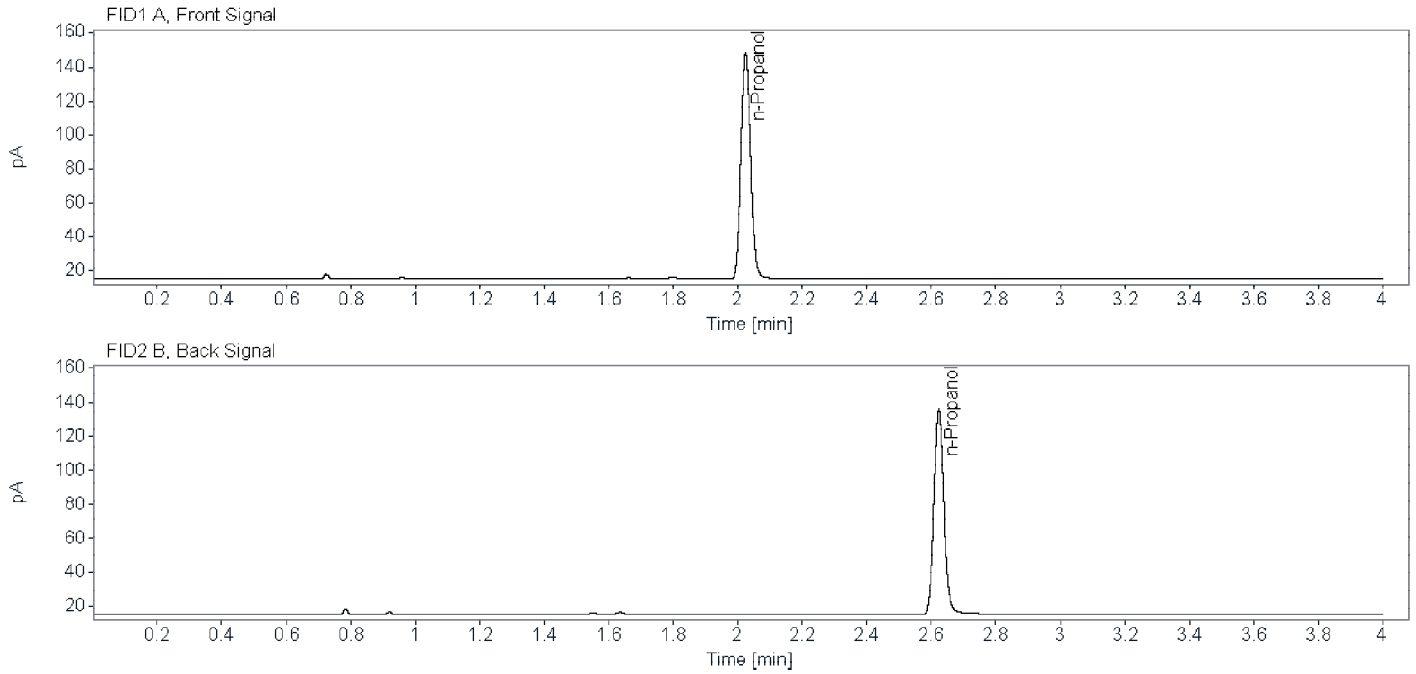
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88202	2.024	2.023	274.6732	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90268	2.622	2.621	256.0671	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1451 001 (24-0717) **Description:** Alq 2 **Sample Barcode** 24-0717 **Vial Number:** 75
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 9:40:27 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\075F7501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87089	2.024	2.023	272.6538	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89416	2.623	2.621	253.6744	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1484 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1054	Aliquot 1:	0.1054
	Aliquot 2:	0.1056	Aliquot 2:	0.1050

Reported Result: **0.105** **g/100 mL**

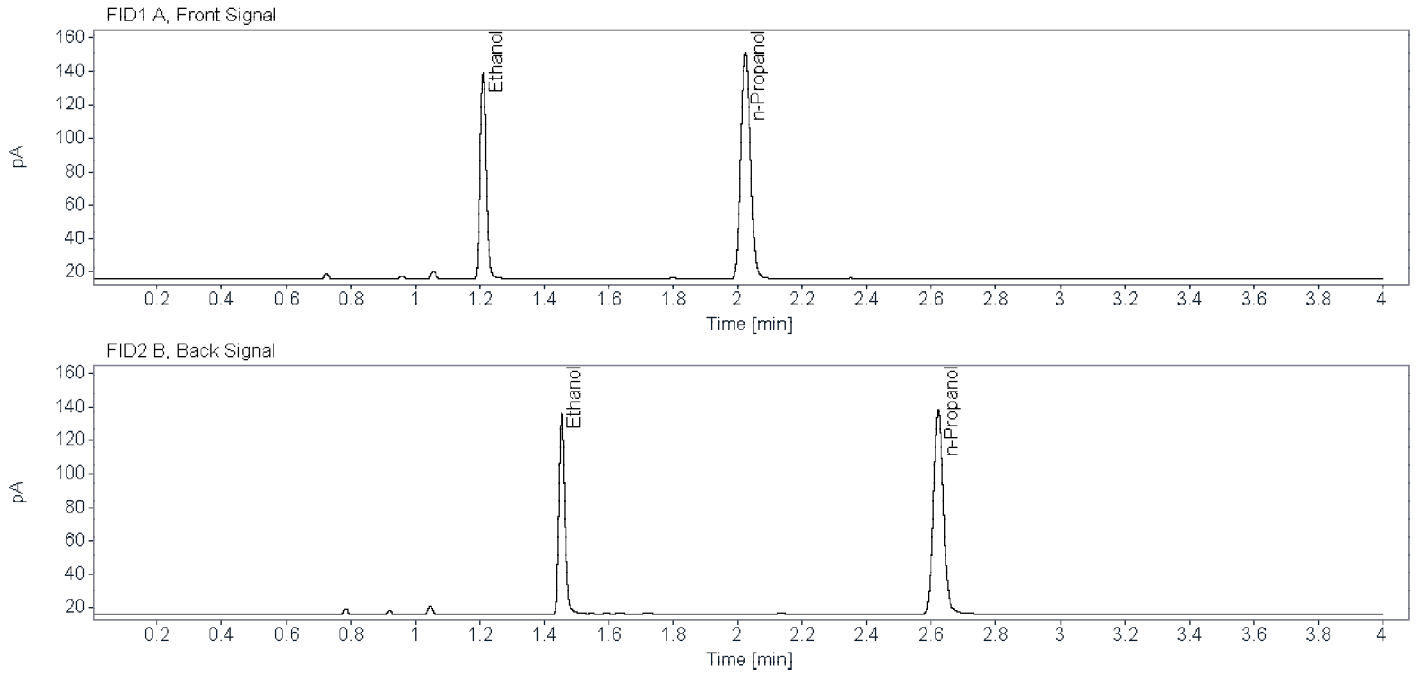
Reported UM: **0.015** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1484 001 (24-0656) **Description:** Alq 1 **Sample Barcode** 24-0656 **Vial Number:** 14
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 4:22:45 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\014F1401.D



Name FID1A

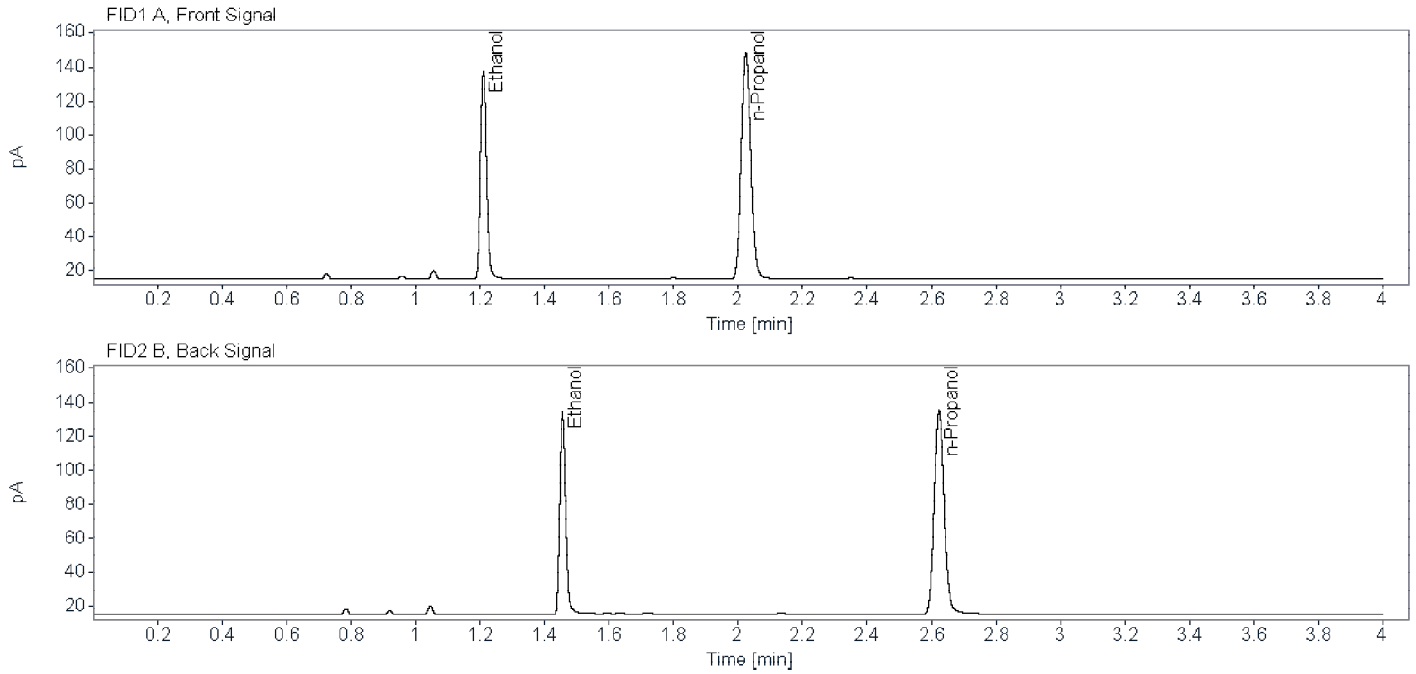
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83278	1.210	1.208	162.4650	0.1054
n-Propanol	0.87517	2.024	2.023	278.4026	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82340	1.454	1.453	153.2934	0.1054
n-Propanol	0.90236	2.622	2.621	260.1233	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1484 001 (24-0716) **Description:** Alq 2 **Sample Barcode** 24-0716 **Vial Number:** 74
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 9:34:46 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\074F7401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84523	1.211	1.208	158.5316	0.1056
n-Propanol	0.88059	2.024	2.023	271.2597	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82448	1.456	1.453	148.4977	0.1050
n-Propanol	0.89857	2.623	2.621	252.9349	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1517 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1496	Aliquot 1:	0.1492
	Aliquot 2:	0.1495	Aliquot 2:	0.1490

Reported Result: **0.149** **g/100 mL**

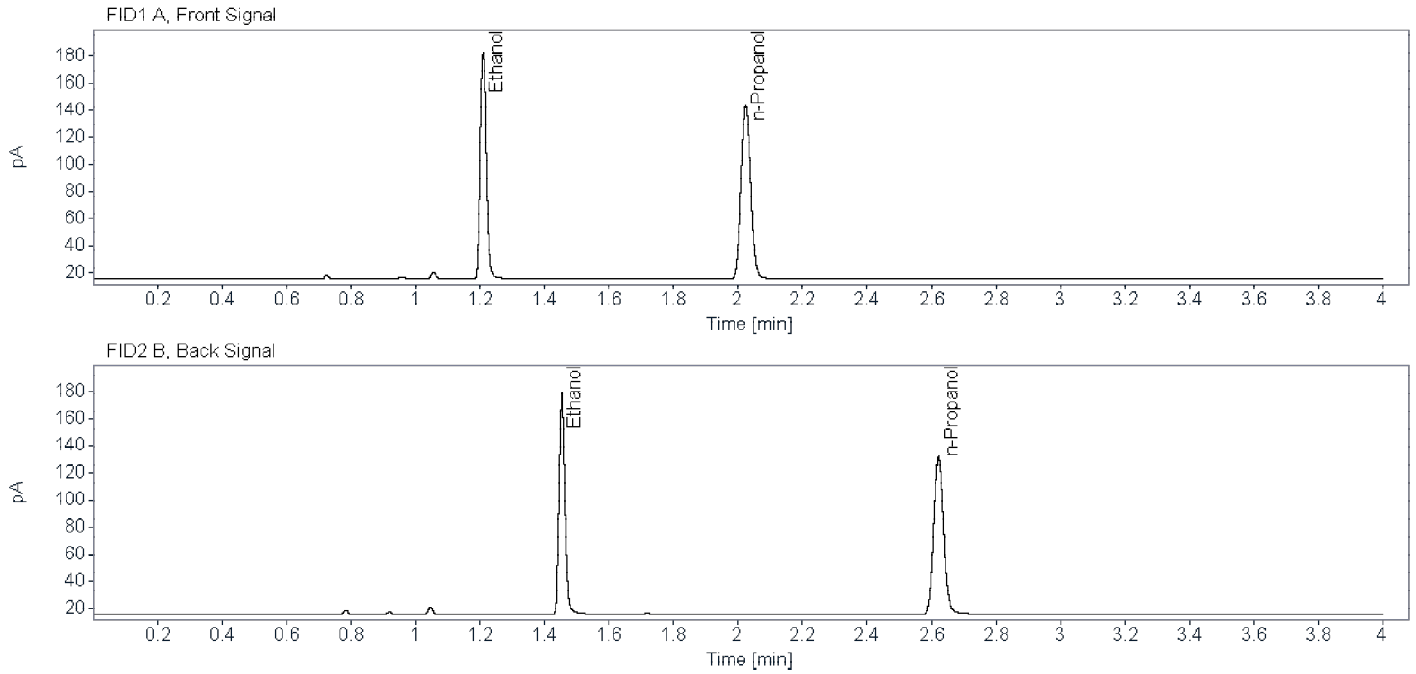
Reported UM: **0.021** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1517 001 (24-0657) **Description:** Alq 1 **Sample Barcode** 24-0657 **Vial Number:** 15
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 4:28:26 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\015F1501.D



Name FID1A

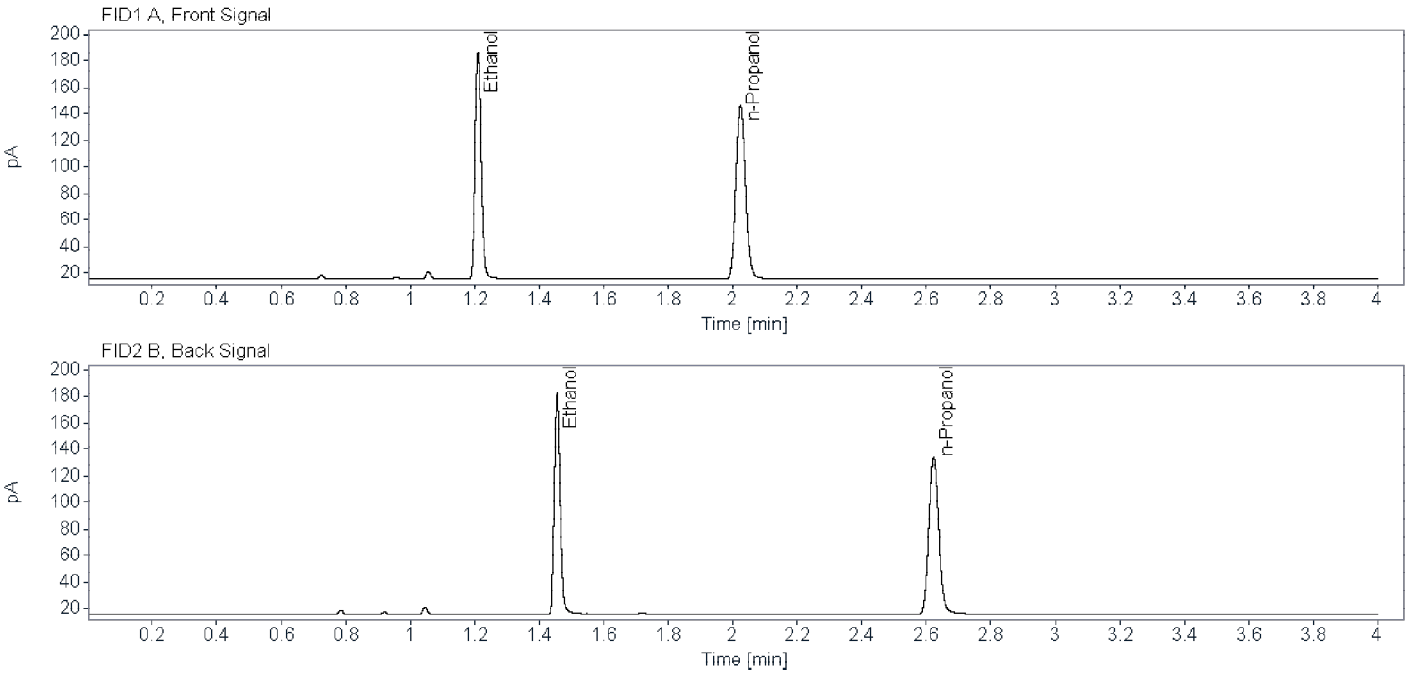
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84101	1.210	1.208	218.2522	0.1496
n-Propanol	0.88309	2.024	2.023	263.0623	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83093	1.454	1.453	205.1236	0.1492
n-Propanol	0.89538	2.622	2.621	245.1780	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1517 001 (24-0715) **Description:** Alq 2 **Sample Barcode** 24-0715 **Vial Number:** 73
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 9:30:03 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\073F7301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84101	1.210	1.208	222.9086	0.1495
n-Propanol	0.87502	2.024	2.023	268.8781	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83442	1.455	1.453	209.4216	0.1490
n-Propanol	0.90028	2.623	2.621	250.5902	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1519 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2054	Aliquot 1:	0.2057
	Aliquot 2:	0.2081	Aliquot 2:	0.2079

Reported Result: **0.206** **g/100 mL**

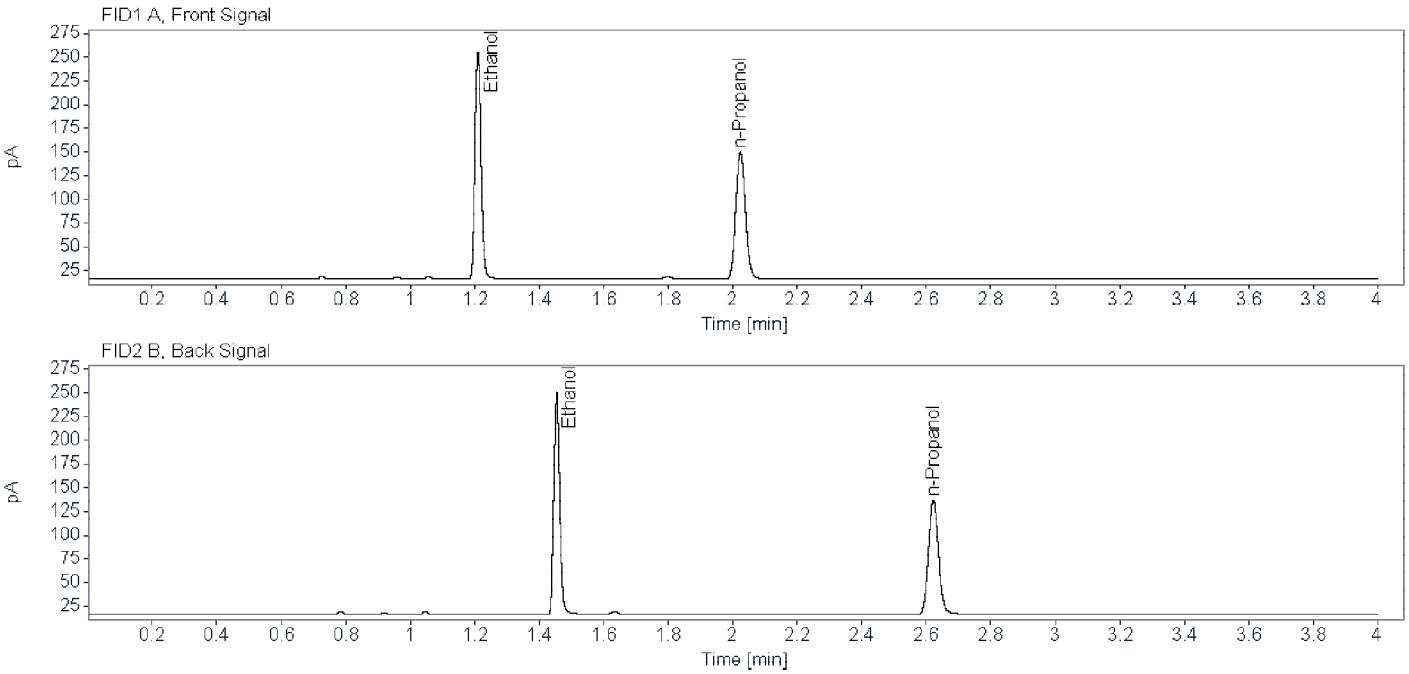
Reported UM: **0.030** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1519 001 (24-0658) **Description:** Alq 1 **Sample Barcode** 24-0658 **Vial Number:** 16
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 4:33:08 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\016F1601.D



Name FID1A

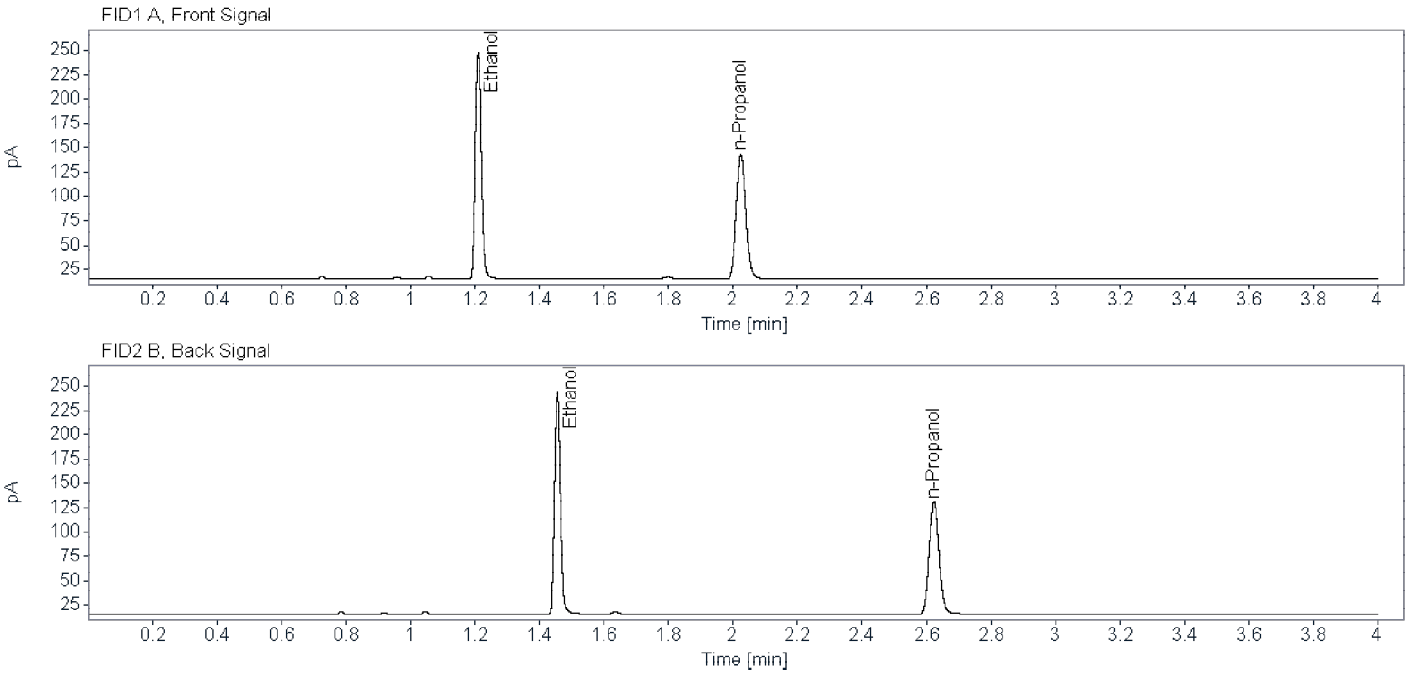
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84813	1.210	1.208	314.4925	0.2054
n-Propanol	0.87306	2.024	2.023	275.8339	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85601	1.454	1.453	296.9059	0.2057
n-Propanol	0.89837	2.622	2.621	257.0108	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1519 001 (24-0714) **Description:** Alq 2 **Sample Barcode** 24-0714 **Vial Number:** 72
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 9:24:21 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\072F7201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86234	1.210	1.208	303.0281	0.2081
n-Propanol	0.87579	2.024	2.023	262.2346	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85653	1.455	1.453	284.9442	0.2079
n-Propanol	0.89650	2.623	2.621	244.0056	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1548 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2234	Aliquot 1:	0.2233
	Aliquot 2:	0.2330	Aliquot 2:	0.2328

Reported Result: 0.228 g/100 mL

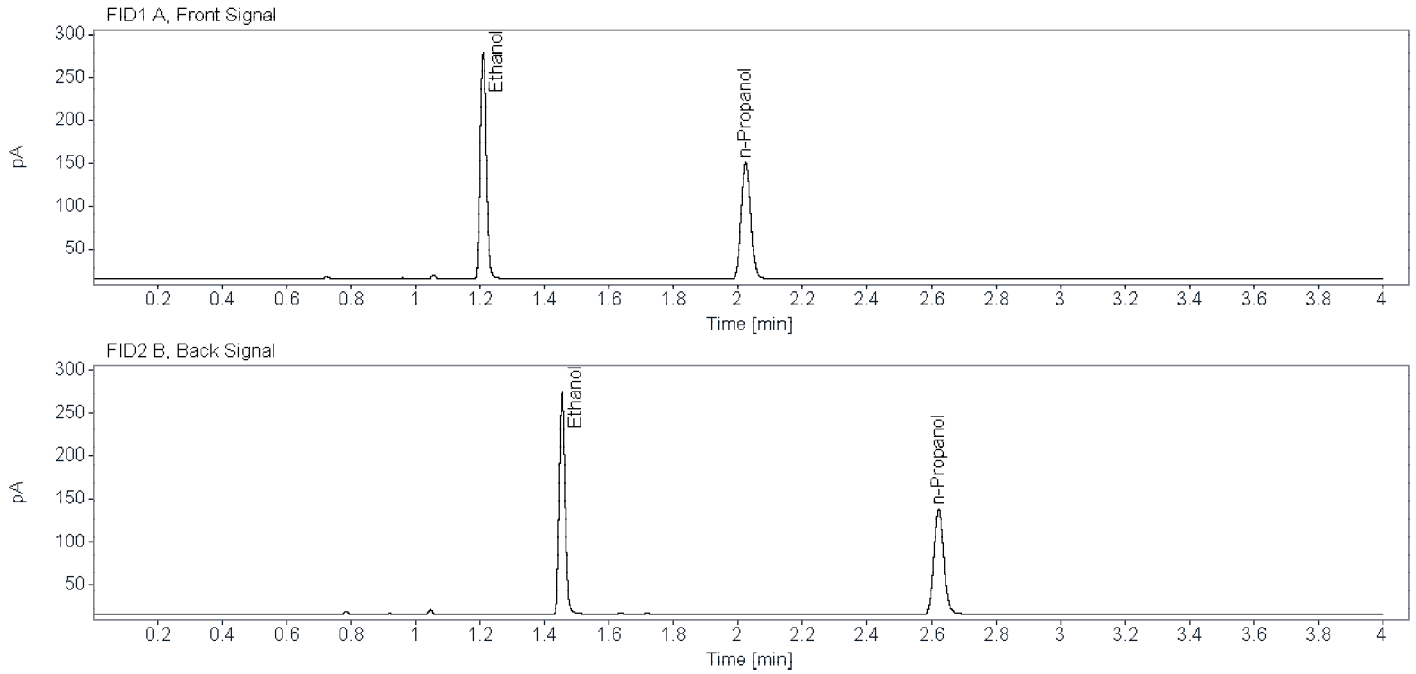
Reported UM: 0.033 g/100 mL

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1548 001 (24-0659) **Description:** Alq 1 **Sample Barcode** 24-0659 **Vial Number:** 17
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 4:38:49 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\017F1701.D



Name FID1A

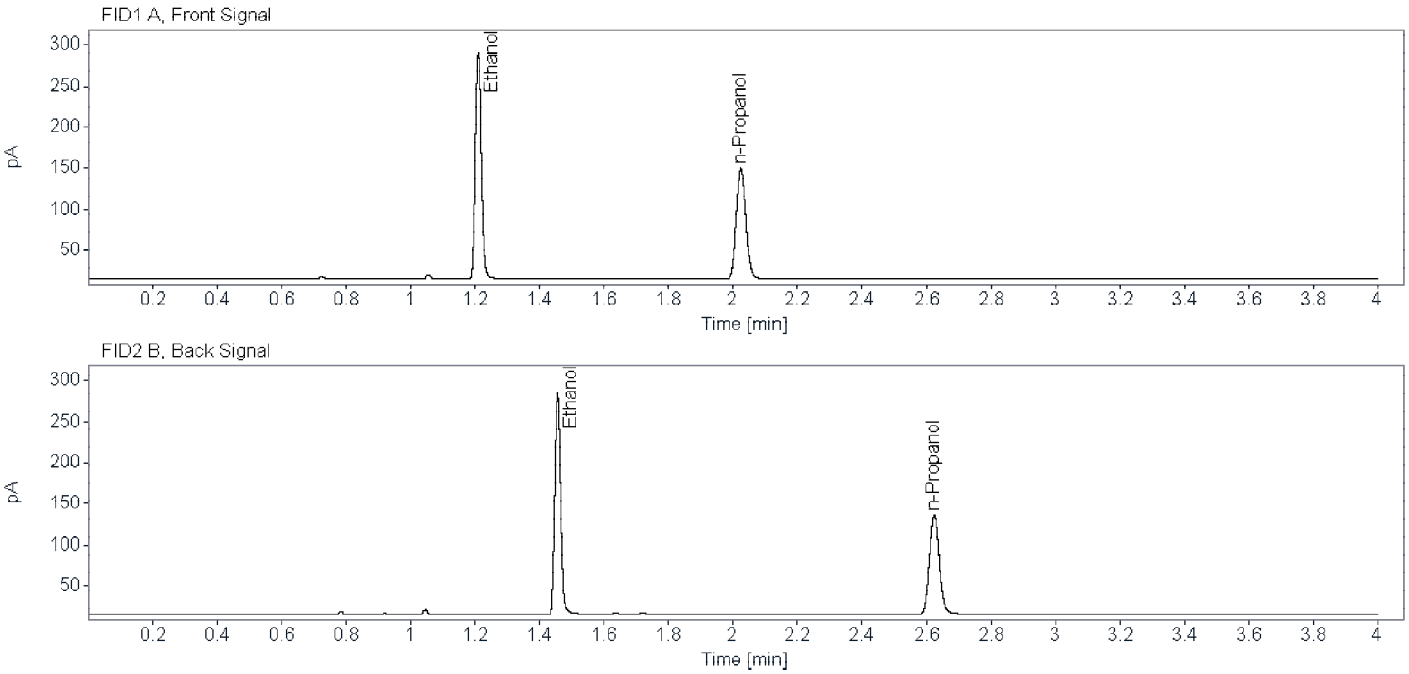
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86222	1.210	1.208	344.7383	0.2234
n-Propanol	0.88719	2.024	2.023	277.9363	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86420	1.454	1.453	324.6551	0.2233
n-Propanol	0.90363	2.622	2.621	258.7525	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1548 001 (24-0713) **Description:** Alq 2 **Sample Barcode** 24-0713 **Vial Number:** 71
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 9:19:38 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\071F7101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86988	1.210	1.208	355.4510	0.2330
n-Propanol	0.88021	2.024	2.023	274.7216	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85859	1.456	1.453	334.9428	0.2328
n-Propanol	0.90135	2.624	2.621	256.0623	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1564 002

Batch Name: BAC_20240327_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

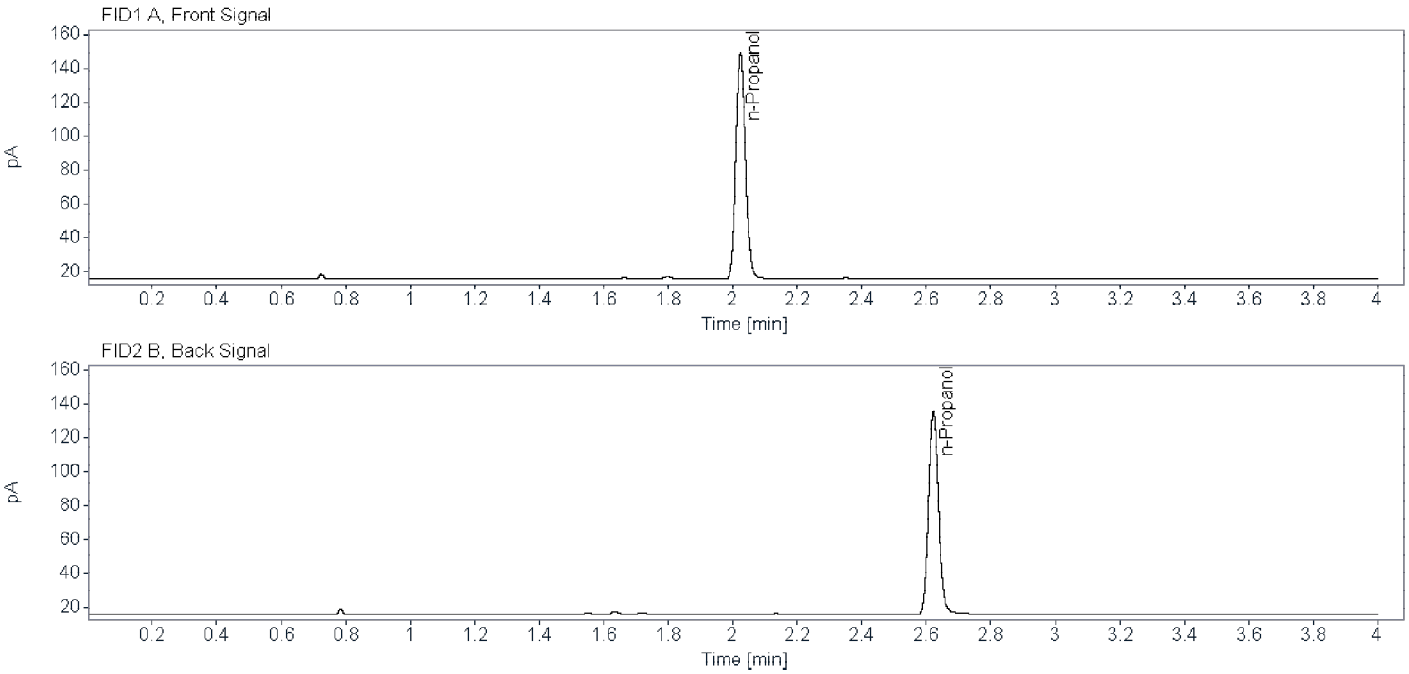
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1564 002 (24-0660) **Description:** Alq 1 **Sample Barcode** 24-0660 **Vial Number:** 18
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 4:43:33 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\018F1801.D



Name FID1A

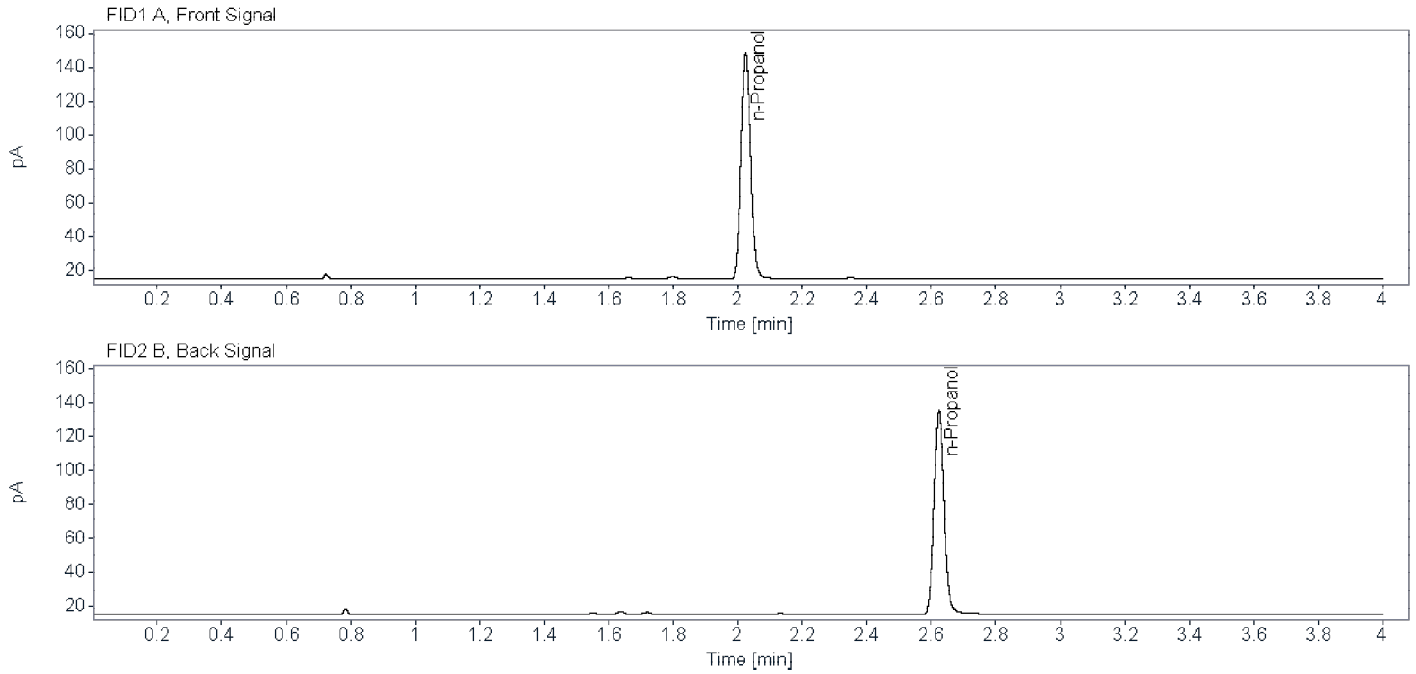
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88052	2.024	2.023	272.9934	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89455	2.622	2.621	254.0403	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1564 002 (24-0712) **Description:** Alq 2 **Sample Barcode** 24-0712 **Vial Number:** 70
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 9:13:57 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\070F7001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87044	2.024	2.023	271.6058	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89673	2.624	2.621	252.5881	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1567 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2356	Aliquot 1:	0.2352
	Aliquot 2:	0.2358	Aliquot 2:	0.2356

Reported Result: 0.235 g/100 mL

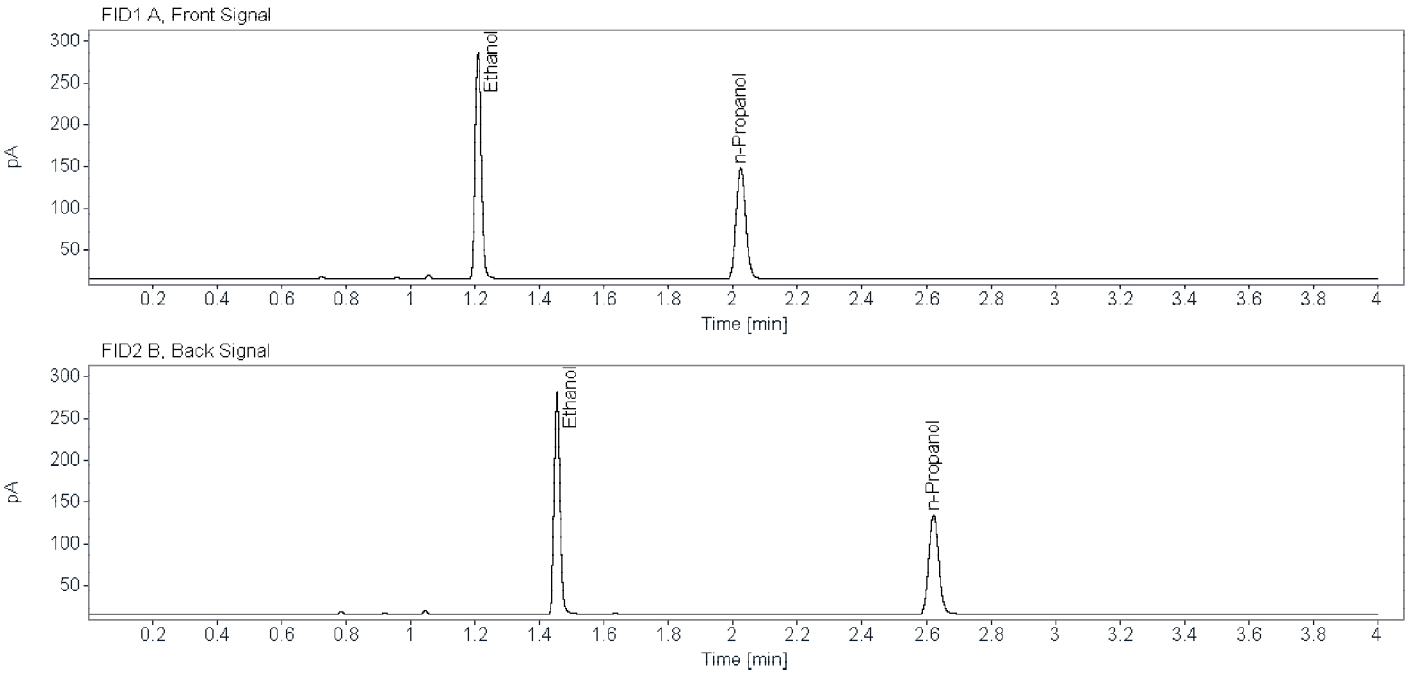
Reported UM: 0.034 g/100 mL

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1567 001 (24-0661) **Description:** Alq 1 **Sample Barcode** 24-0661 **Vial Number:** 19
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 4:49:14 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\019F1901.D



Name FID1A

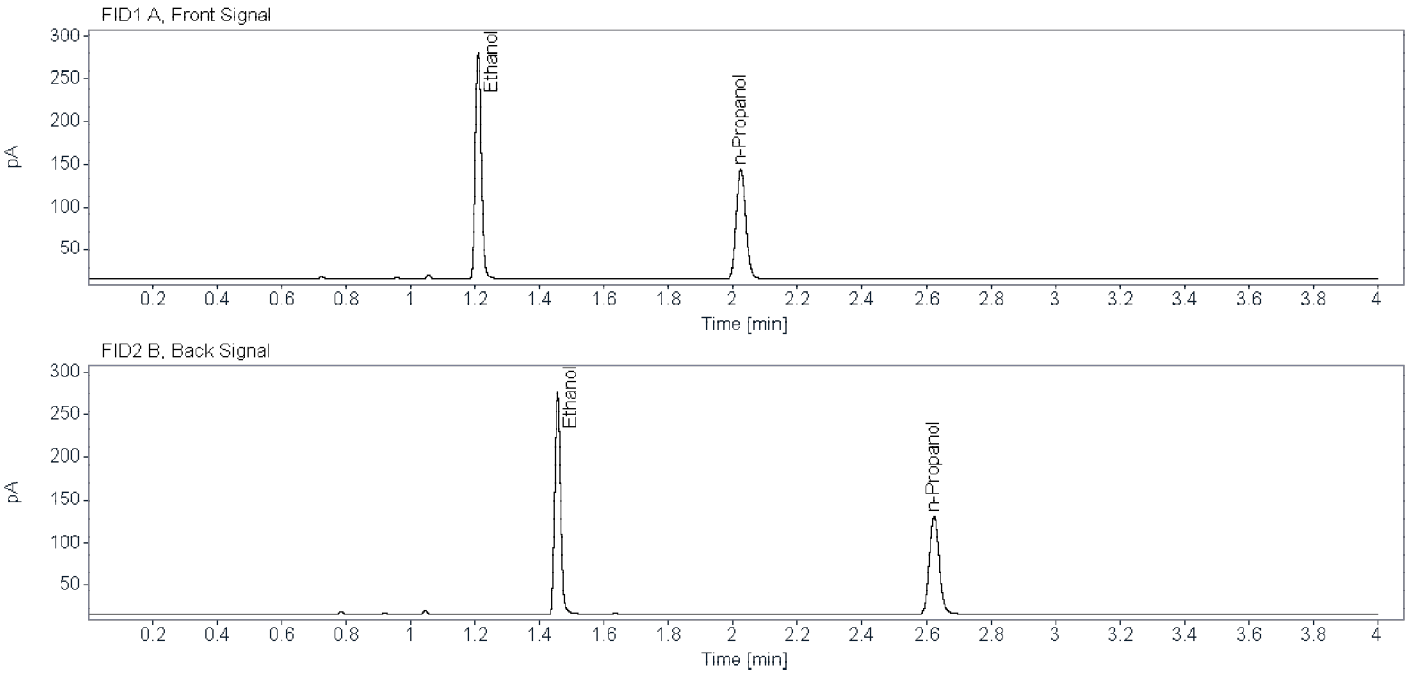
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86318	1.210	1.208	355.3601	0.2356
n-Propanol	0.88363	2.024	2.023	271.5410	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86567	1.454	1.453	334.5445	0.2352
n-Propanol	0.90008	2.622	2.621	253.0916	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1567 001 (24-0711) **Description:** Alq 2 **Sample Barcode** 24-0711 **Vial Number:** 69
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 9:09:14 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\069F6901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87046	1.210	1.208	343.6089	0.2358
n-Propanol	0.87520	2.024	2.023	262.4302	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87537	1.456	1.453	323.7269	0.2356
n-Propanol	0.89950	2.624	2.621	244.5073	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1568 012

Batch Name: BAC_20240327_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**

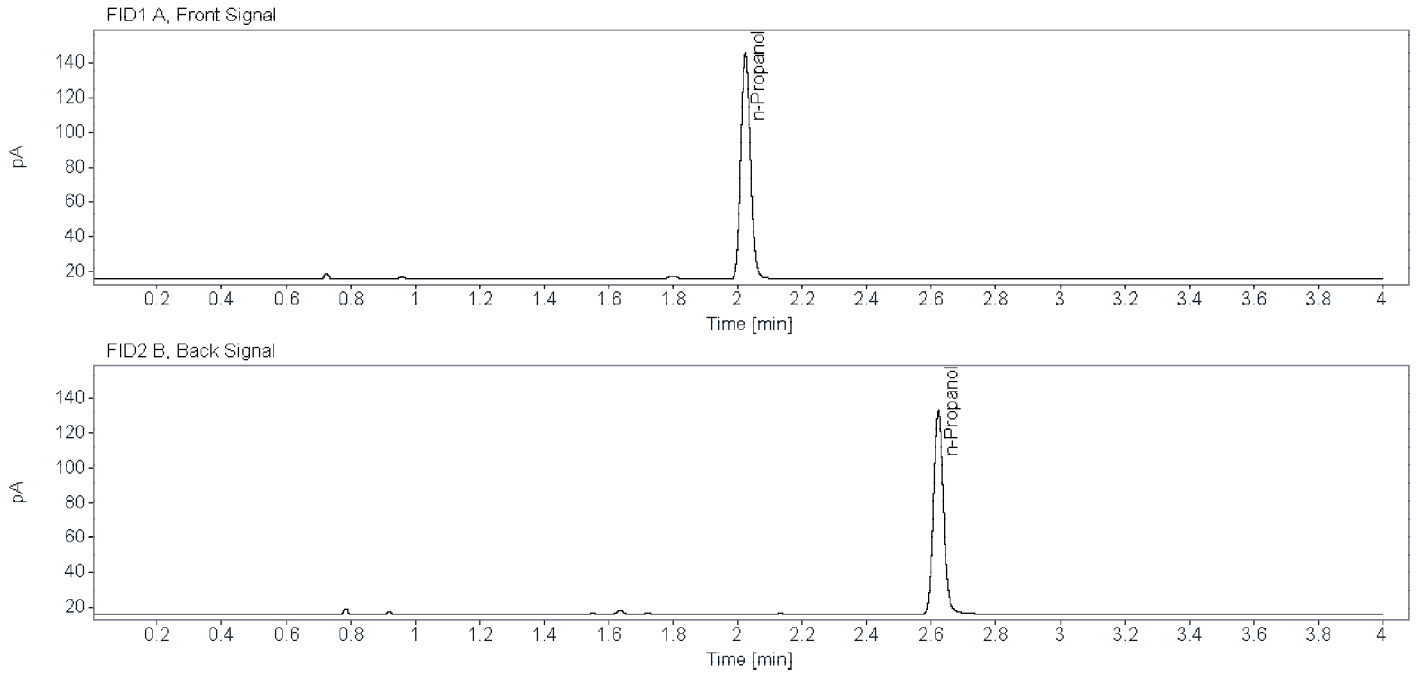
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1568 012 (24-0662) **Description:** Alq 1 **Sample Barcode** 24-0662 **Vial Number:** 20
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 4:53:57 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\020F2001.D



Name FID1A

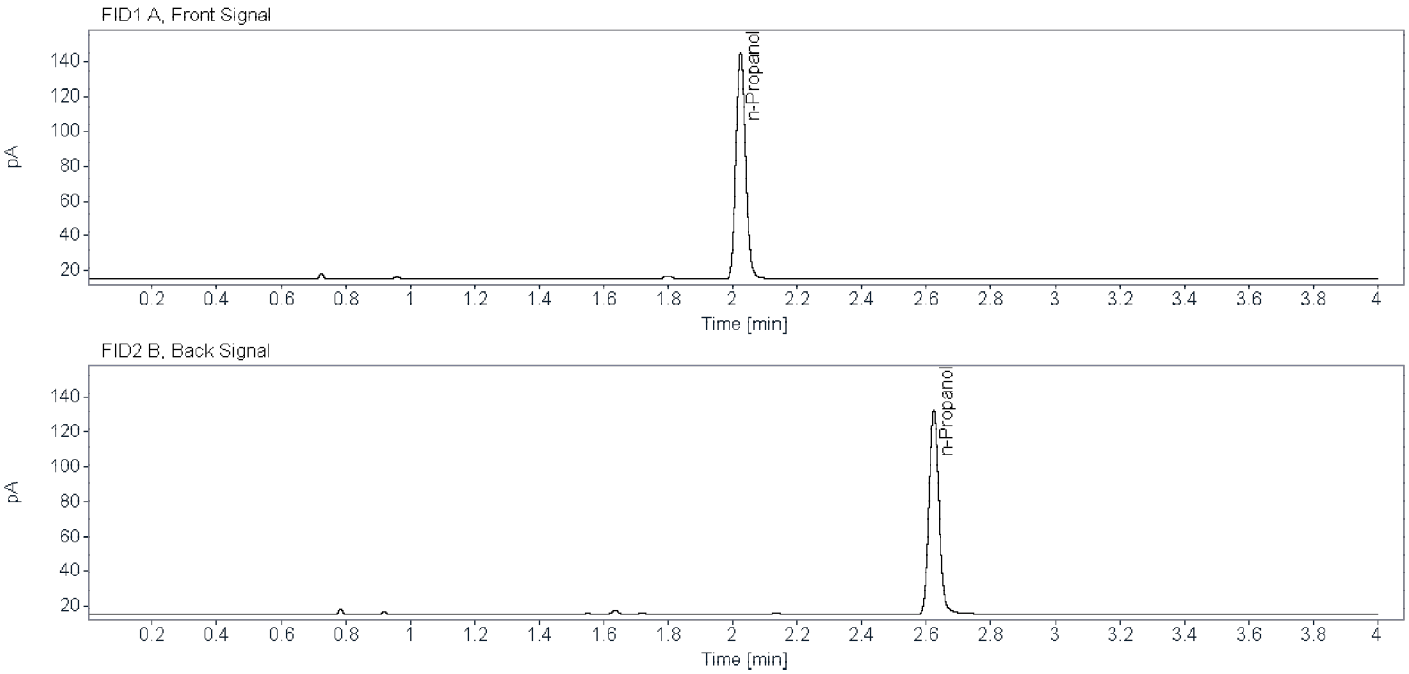
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86667	2.024	2.023	267.6228	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89399	2.622	2.621	249.0700	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1568 012 (24-0710) **Description:** Alq 2 **Sample Barcode** 24-0710 **Vial Number:** 68
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 9:03:33 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\068F6801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88000	2.024	2.023	265.3672	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89070	2.624	2.621	246.8734	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1569 001

Batch Name: BAC_20240327_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**

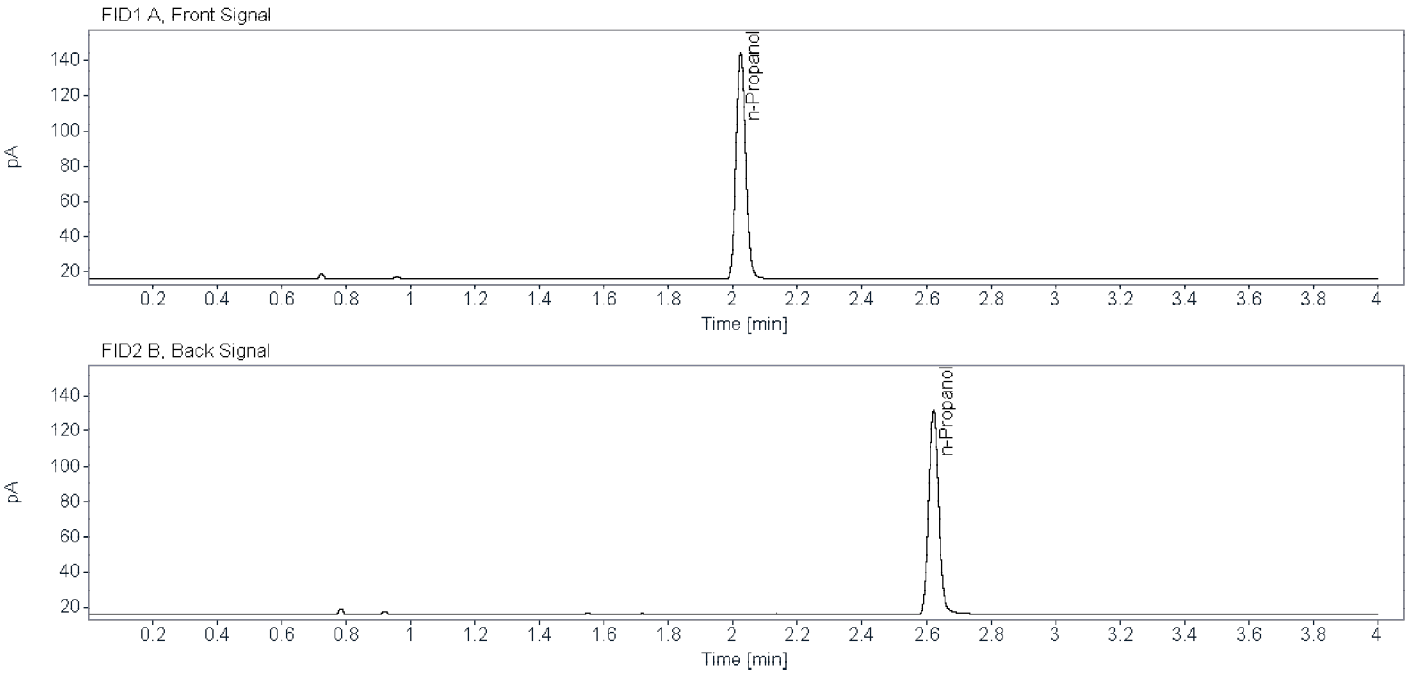
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1569 001 (24-0663) **Description:** Alq 1 **Sample Barcode** 24-0663 **Vial Number:** 21
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 4:59:37 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\021F2101.D



Name FID1A

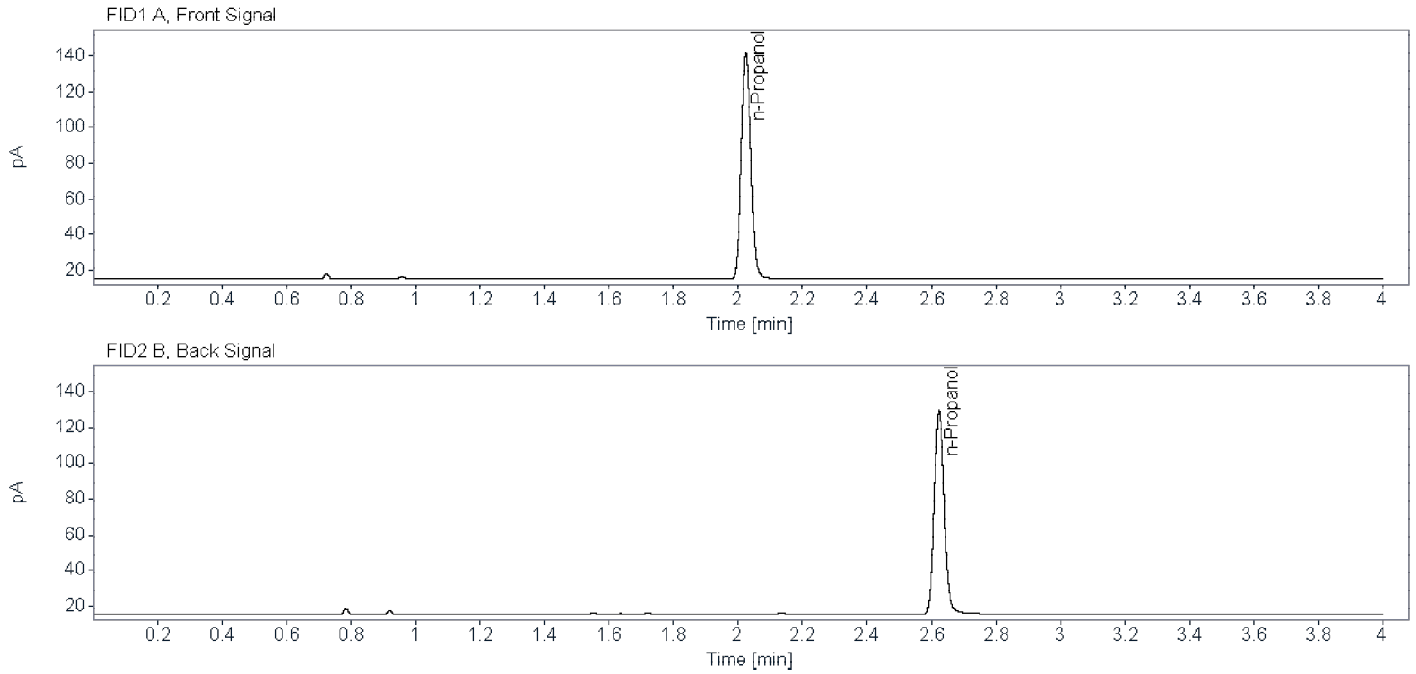
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88095	2.024	2.023	265.0942	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89594	2.622	2.621	246.8230	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1569 001 (24-0709) **Description:** Alq 2 **Sample Barcode** 24-0709 **Vial Number:** 67
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 8:58:50 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\067F6701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87607	2.024	2.023	258.1808	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89325	2.623	2.621	239.9541	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1580 001

Batch Name: BAC_20240327_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

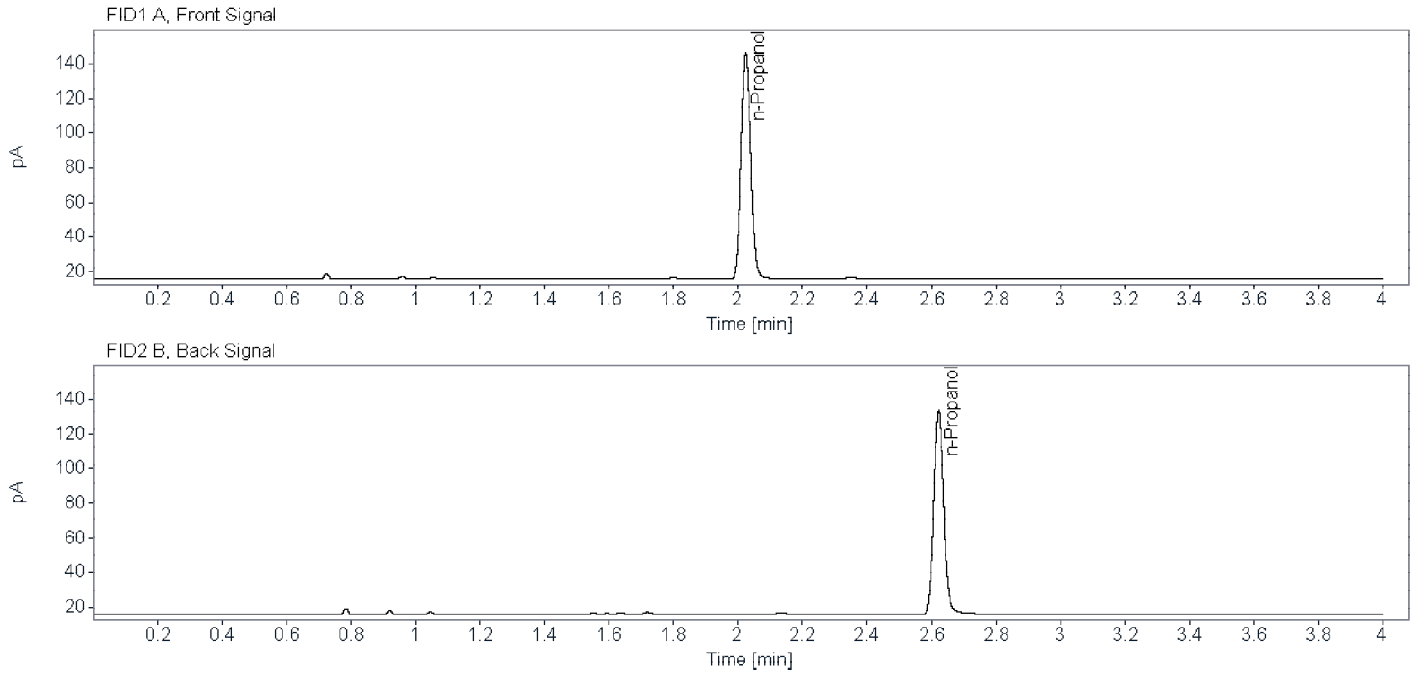
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1580 001 (24-0665) **Description:** Alq 1 **Sample Barcode** 24-0665 **Vial Number:** 23
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 5:10:03 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\023F2301.D



Name FID1A

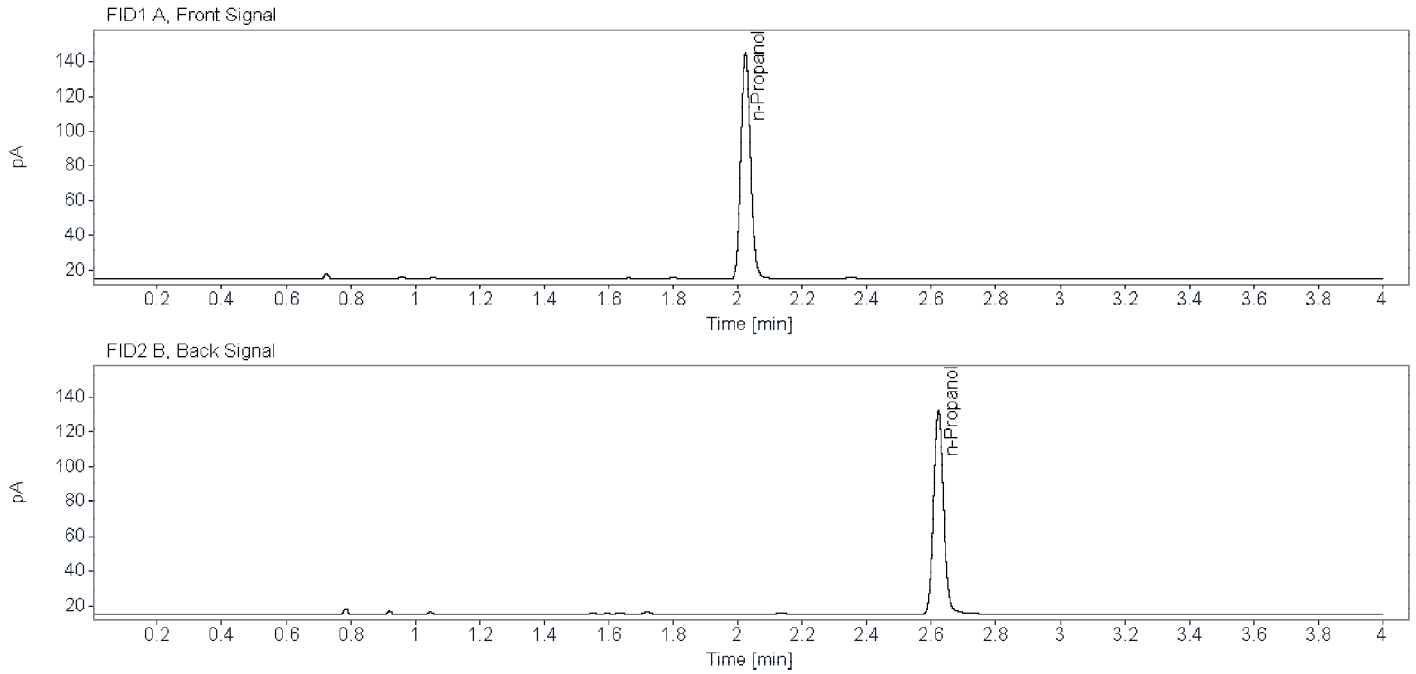
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88267	2.024	2.023	267.3066	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89775	2.622	2.621	249.1898	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1580 001 (24-0707) **Description:** Alq 2 **Sample Barcode** 24-0707 **Vial Number:** 65
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 8:48:27 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\065F6501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86867	2.024	2.023	265.7767	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89692	2.622	2.621	247.9529	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1581 001

Batch Name: BAC_20240327_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**

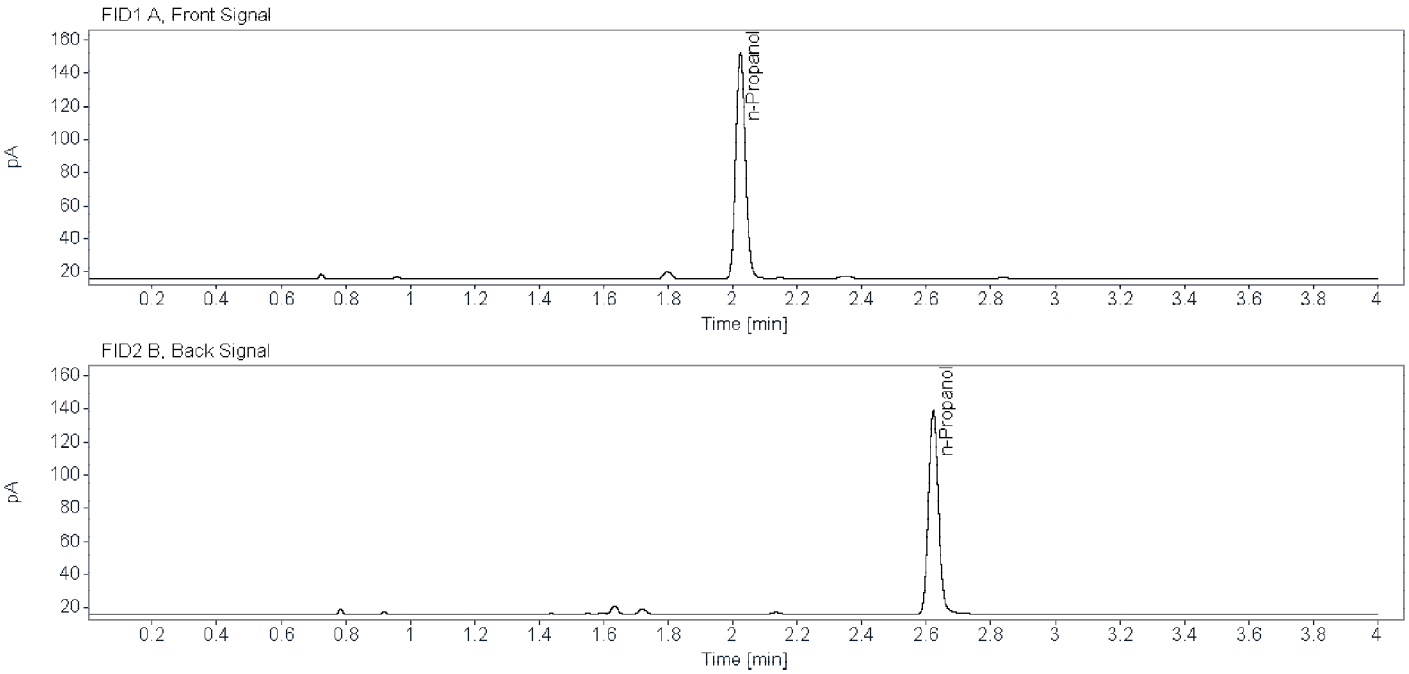
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1581 001 (24-0666) **Description:** Alq 1 **Sample Barcode** 24-0666 **Vial Number:** 24
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 5:14:45 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\024F2401.D



Name FID1A

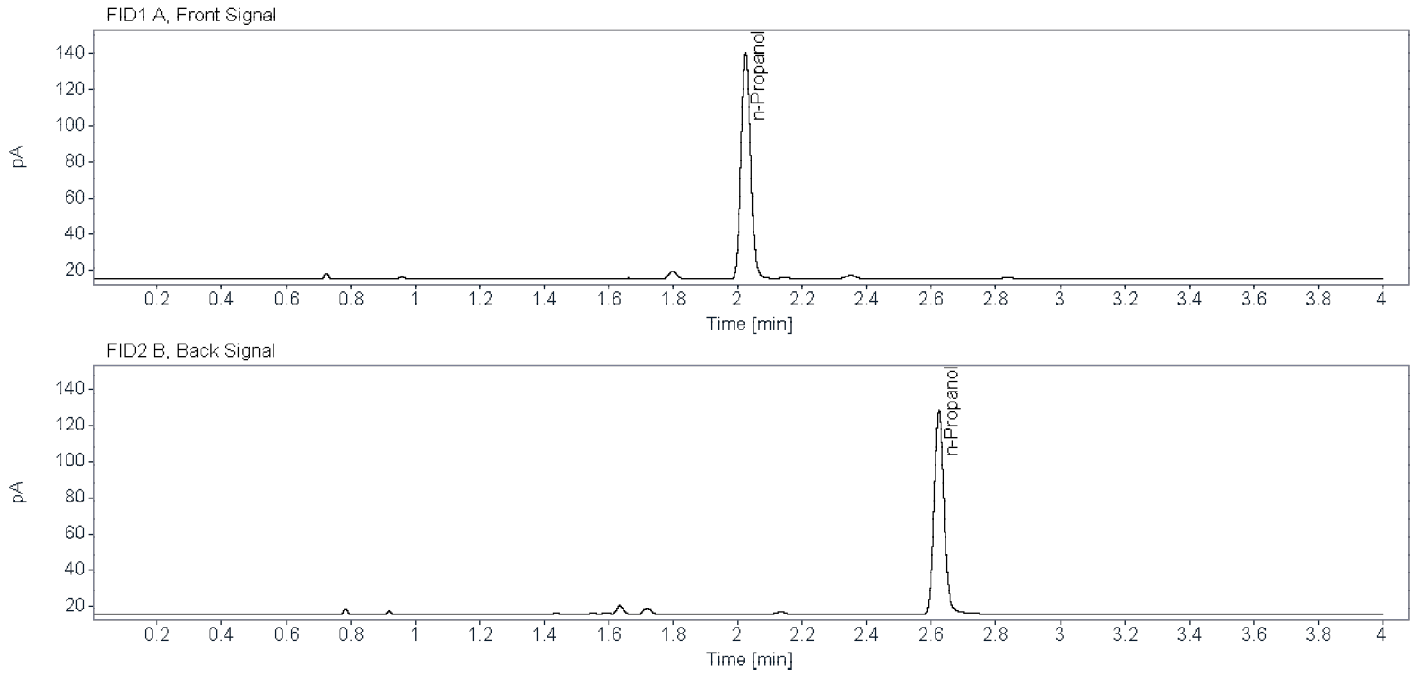
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87591	2.024	2.023	280.2680	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89114	2.622	2.621	261.4337	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1581 001 (24-0706) **Description:** Alq 2 **Sample Barcode** 24-0706 **Vial Number:** 64
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 8:42:45 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\064F6401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86590	2.024	2.023	254.3515	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89365	2.624	2.621	237.1155	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1598 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0270	Aliquot 1:	0.0269
	Aliquot 2:	0.0268	Aliquot 2:	0.0269

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

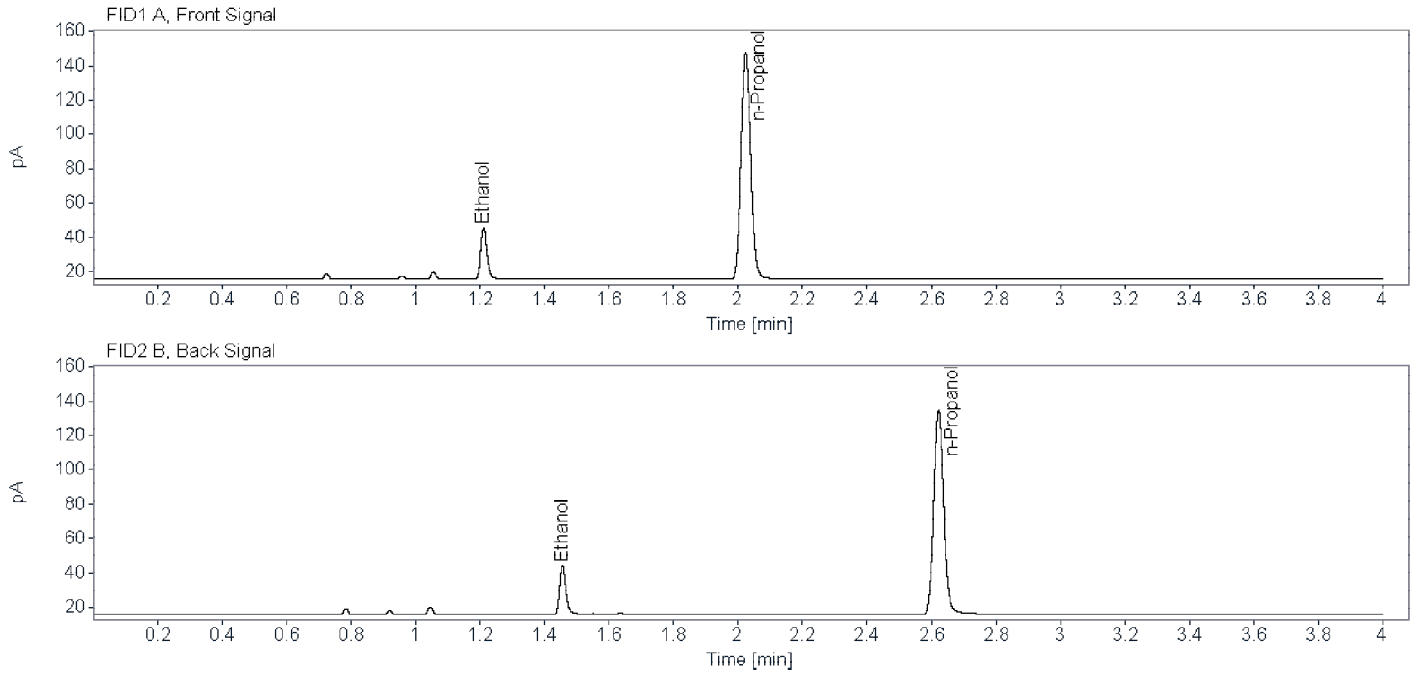
Reported UM: **0.004** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1598 001 (24-0667) **Description:** Alq 1 **Sample Barcode** 24-0667 **Vial Number:** 25
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 5:20:26 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\025F2501.D



Name FID1A

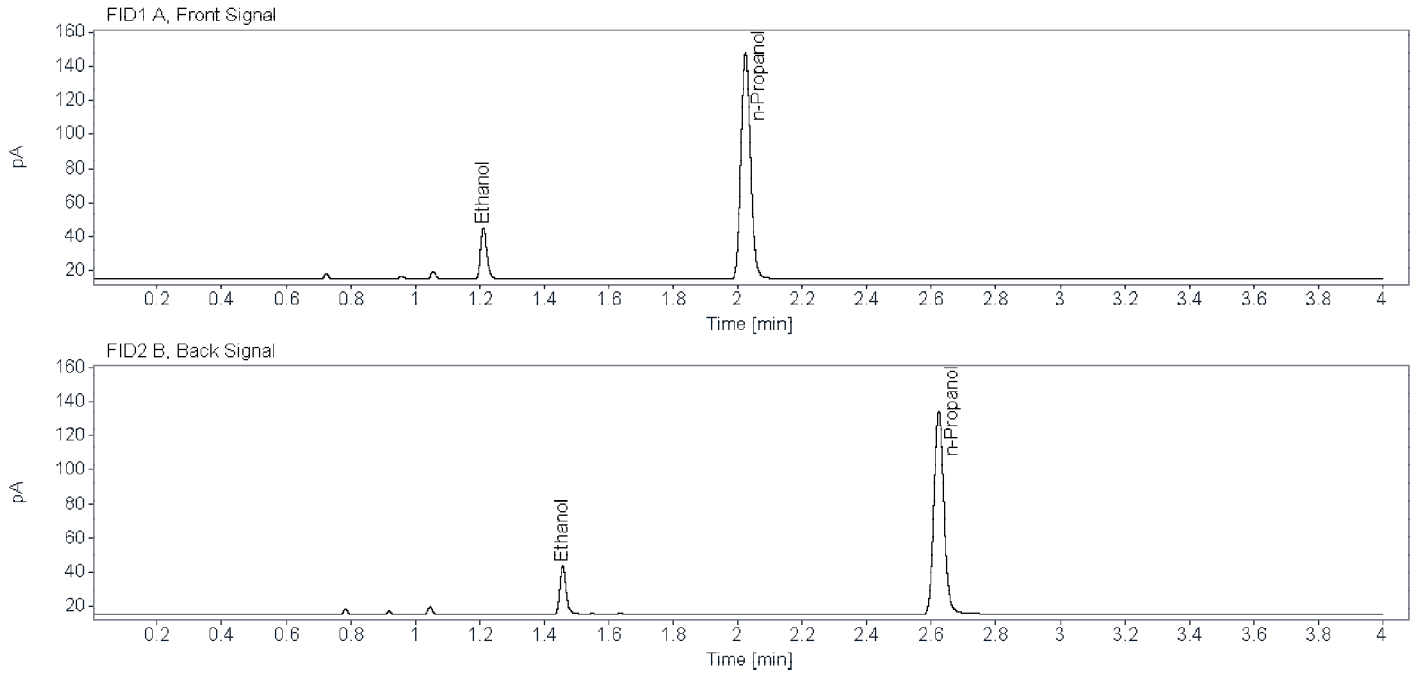
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80892	1.211	1.208	39.6987	0.0270
n-Propanol	0.87734	2.024	2.023	270.4113	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77837	1.456	1.453	36.8625	0.0269
n-Propanol	0.89746	2.622	2.621	251.7468	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1598 001 (24-0705) **Description:** Alq 2 **Sample Barcode** 24-0705 **Vial Number:** 63
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 8:38:02 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\063F6301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81359	1.212	1.208	39.4340	0.0268
n-Propanol	0.87126	2.024	2.023	270.1748	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77636	1.457	1.453	36.8958	0.0269
n-Propanol	0.88982	2.623	2.621	251.5526	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1644 001

Batch Name: BAC_20240327_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

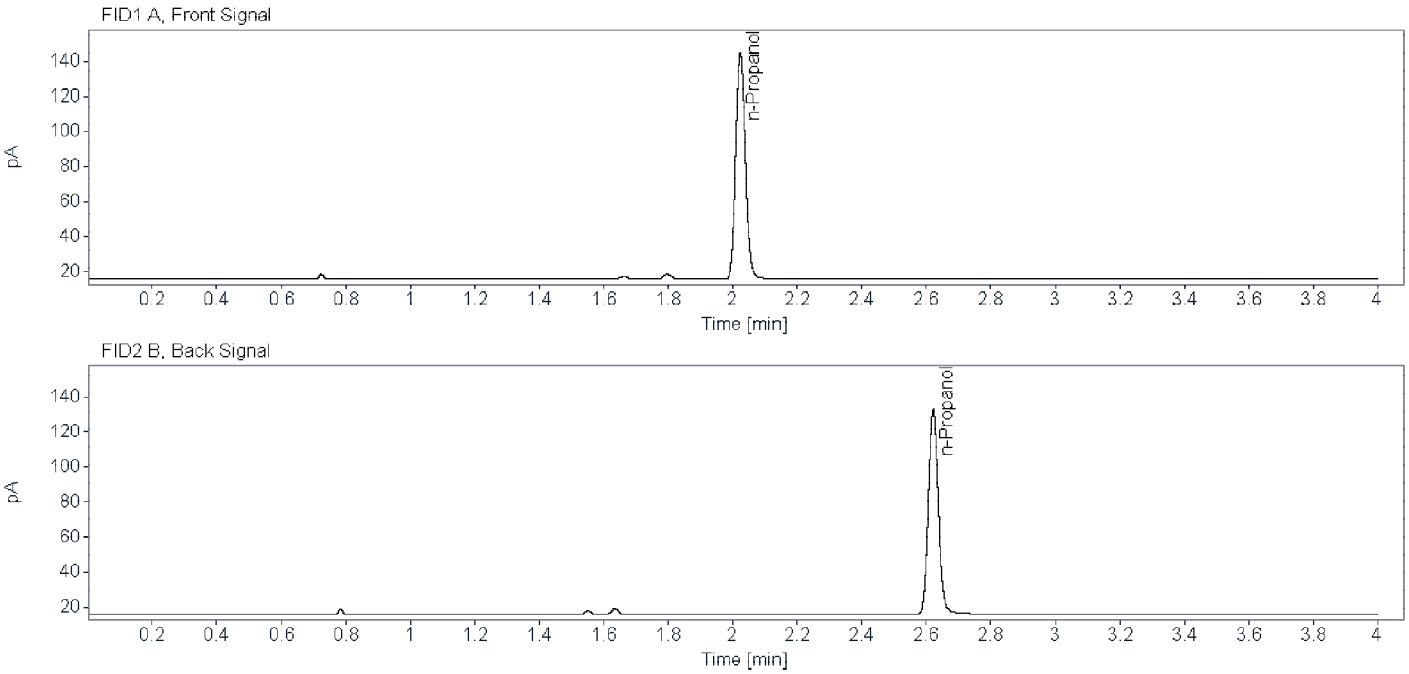
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1644 001 (24-0668) **Description:** Alq 1 **Sample Barcode** 24-0668 **Vial Number:** 26
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 5:25:09 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\026F2601.D



Name FID1A

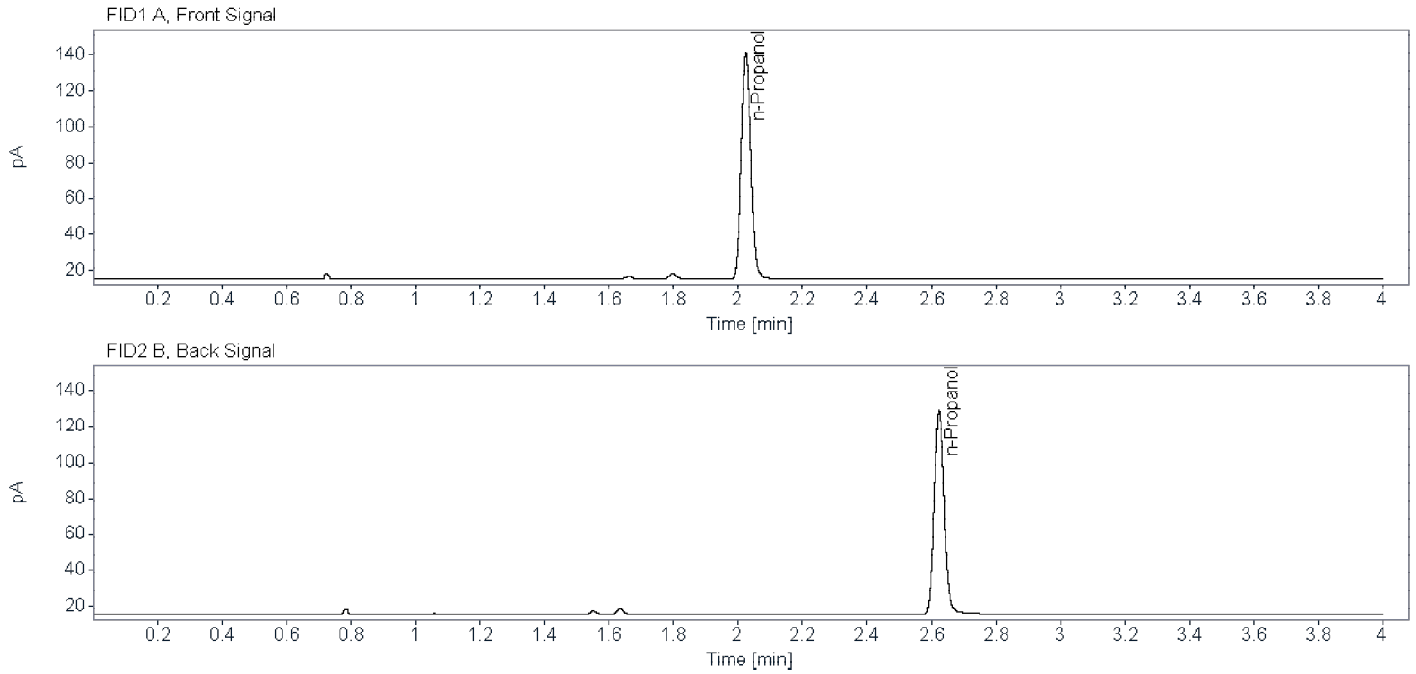
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87453	2.023	2.023	265.5947	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89605	2.622	2.621	246.5759	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1644 001 (24-0704) **Description:** Alq 2 **Sample Barcode** 24-0704 **Vial Number:** 62
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 8:32:22 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\062F6201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87841	2.024	2.023	257.5190	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88977	2.623	2.621	239.0397	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1686 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1292	Aliquot 1:	0.1288
	Aliquot 2:	0.1288	Aliquot 2:	0.1286

Reported Result: **0.128** **g/100 mL**

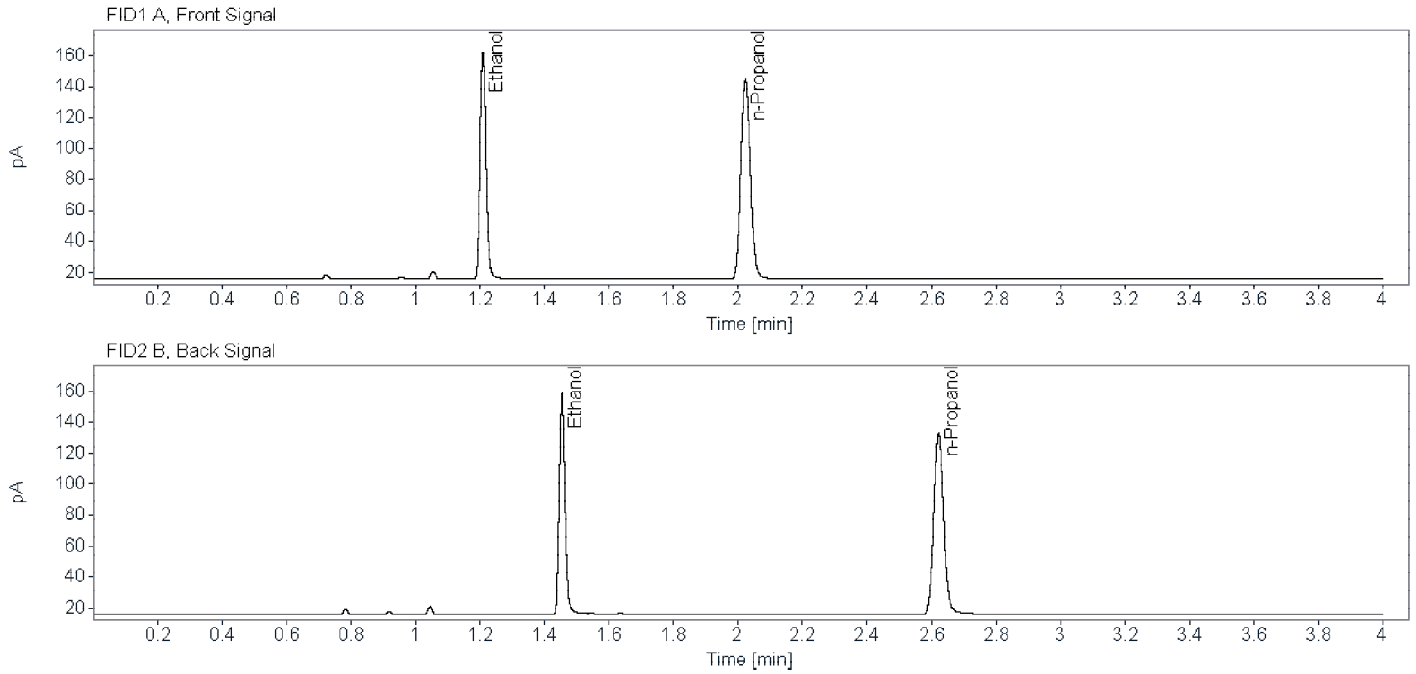
Reported UM: **0.018** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1686 001 (24-0669) **Description:** Alq 1 **Sample Barcode** 24-0669 **Vial Number:** 27
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 5:30:50 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\027F2701.D



Name FID1A

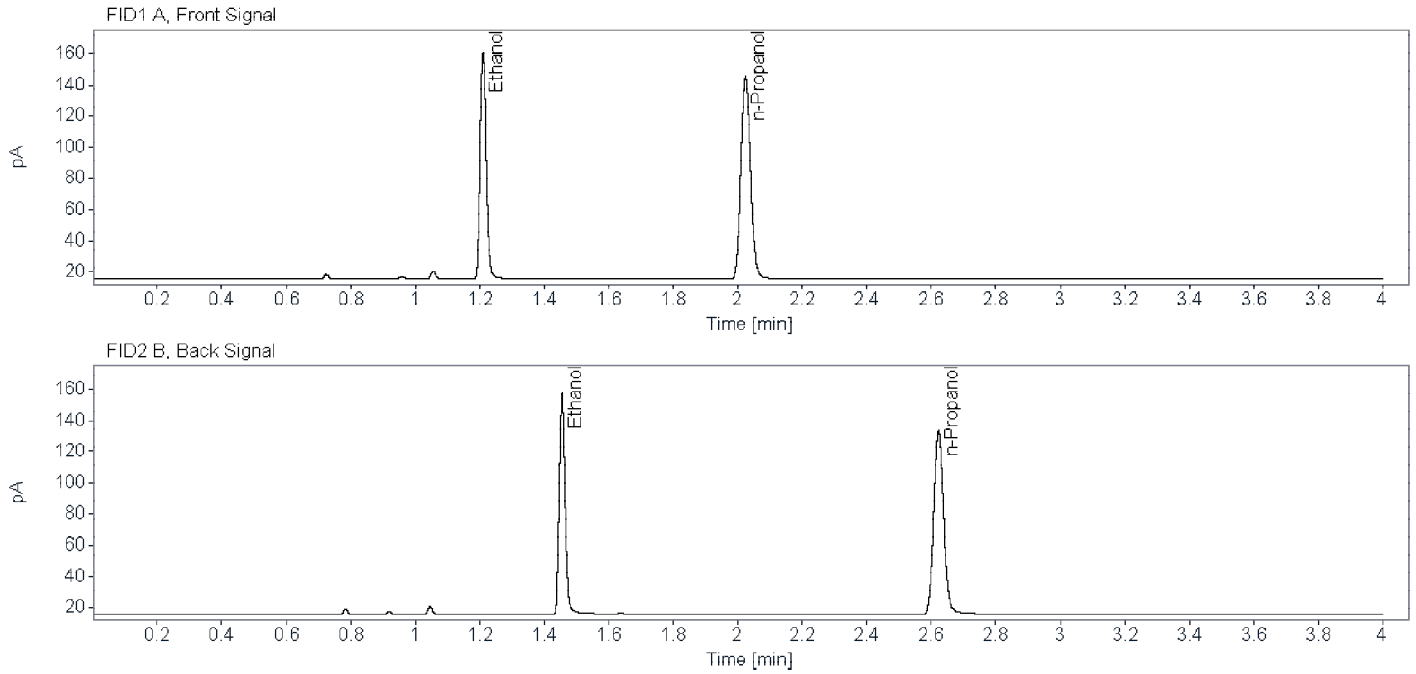
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82986	1.209	1.208	188.2650	0.1292
n-Propanol	0.87356	2.023	2.023	262.9857	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82510	1.454	1.453	176.6087	0.1288
n-Propanol	0.89591	2.622	2.621	244.6978	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1686 001 (24-0703) **Description:** Alq 2 **Sample Barcode** 24-0703 **Vial Number:** 61
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 8:27:38 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\061F6101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83291	1.210	1.208	190.2458	0.1288
n-Propanol	0.86937	2.024	2.023	266.4808	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82392	1.455	1.453	178.5921	0.1286
n-Propanol	0.89343	2.623	2.621	247.9917	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1723 001_001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1640	Aliquot 1:	0.1635
	Aliquot 2:	0.1679	Aliquot 2:	0.1675

Reported Result: **0.165** **g/100 mL**

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

Comments:

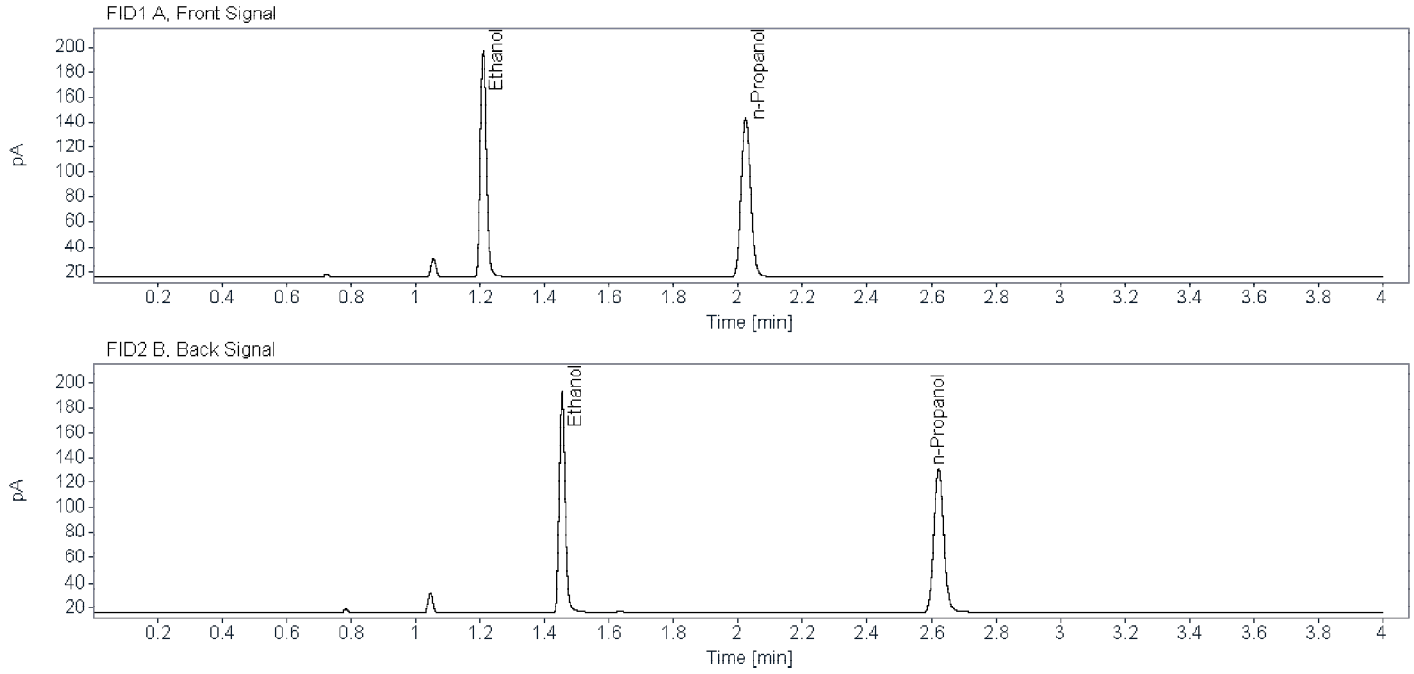
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1723 001_001 (24-0670) **Description:** Alq 1 **Sample Barcode** 24-0670 **Vial Number:** 28

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 5:35:33 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85209	1.210	1.208	237.9834	0.1640
n-Propanol	0.87350	2.024	2.023	261.6664	0.0100

Name FID2B

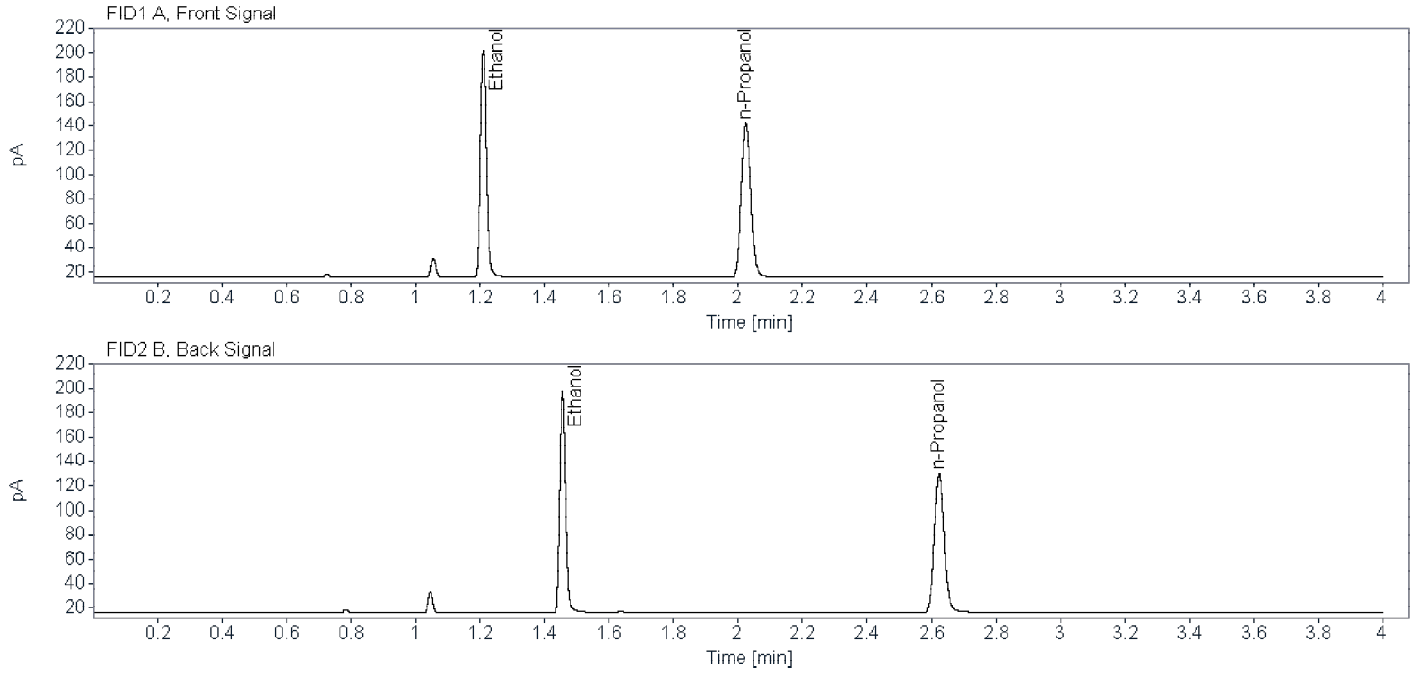
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84005	1.454	1.453	223.2183	0.1635
n-Propanol	0.89670	2.622	2.621	243.4111	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1723 001_001 (24-0702) **Description:** Alq 2 **Sample Barcode** 24-0702 **Vial Number:** 60

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 8:21:57 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\060F6001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85890	1.210	1.208	241.7878	0.1679
n-Propanol	0.87786	2.024	2.023	259.5944	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84992	1.456	1.453	226.8694	0.1675
n-Propanol	0.89323	2.623	2.621	241.3802	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1743 001

Batch Name: BAC_20240327_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**

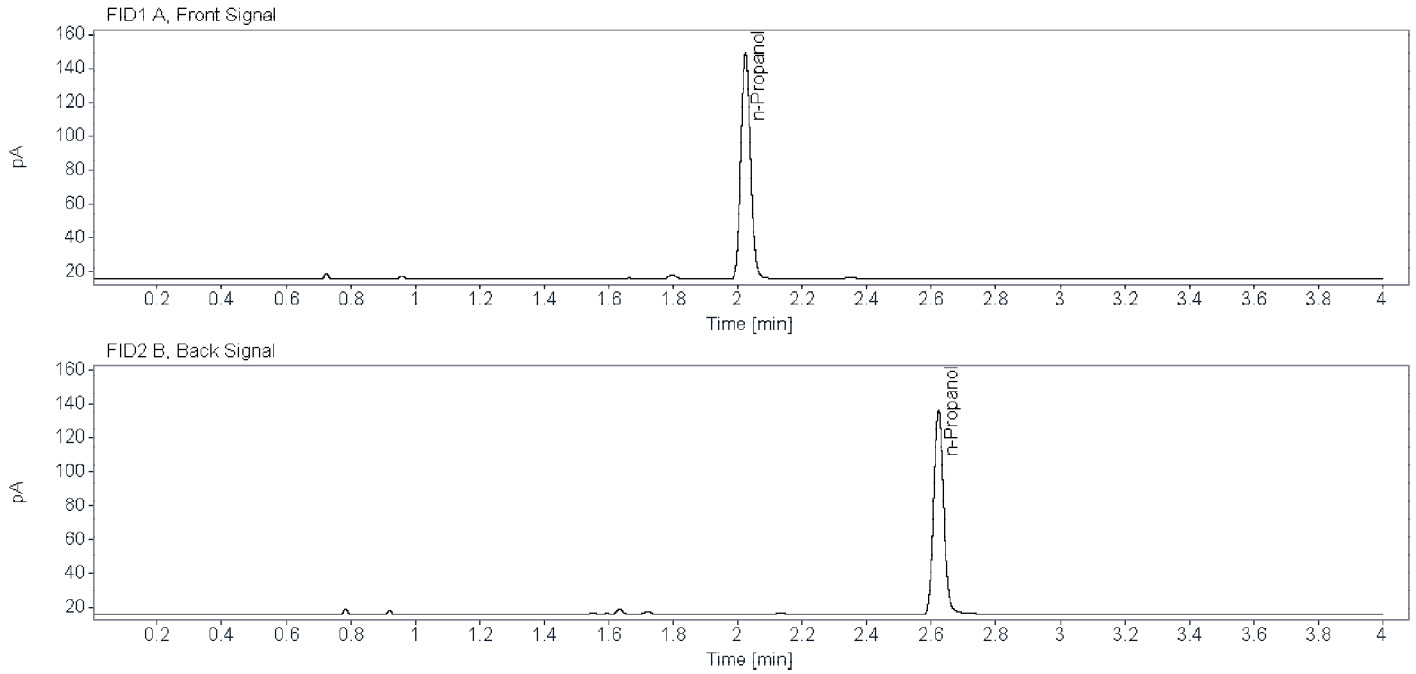
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1743 001 (24-0671) **Description:** Alq 1 **Sample Barcode** 24-0671 **Vial Number:** 29
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 5:41:16 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\029F2901.D



Name FID1A

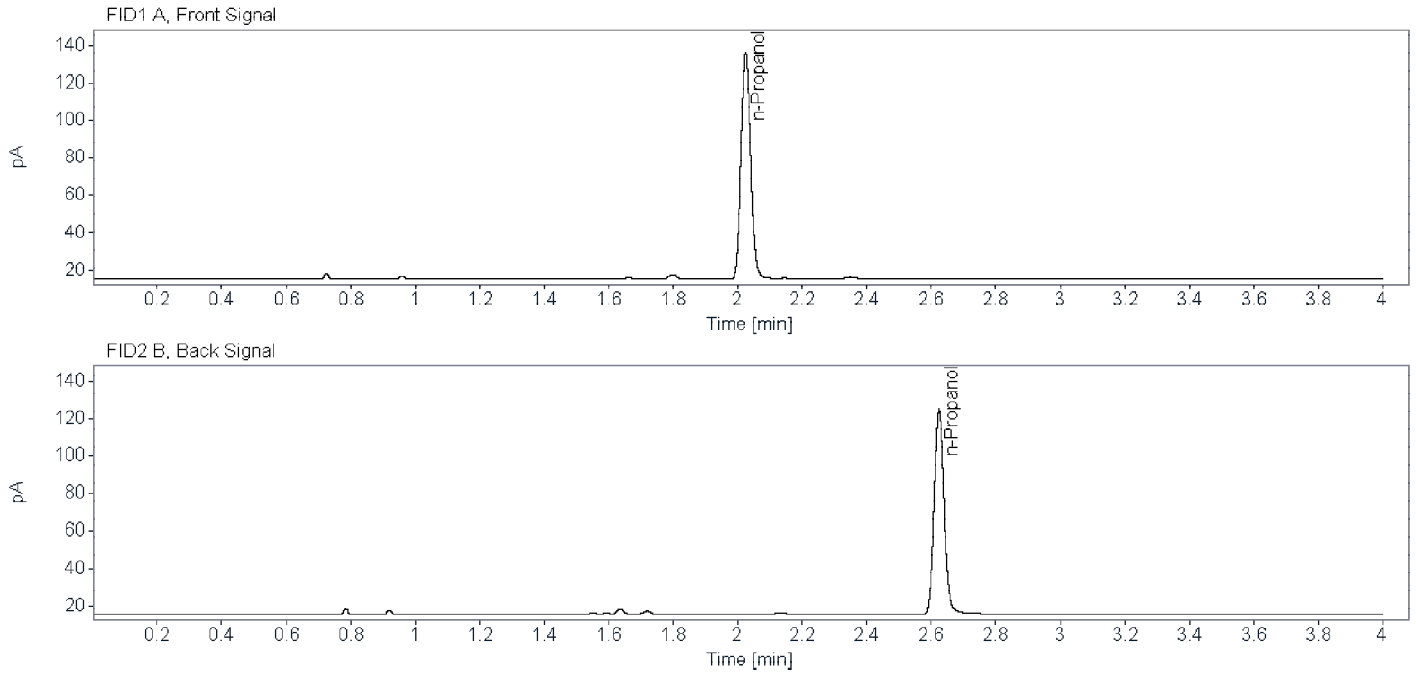
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88098	2.024	2.023	273.8767	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90192	2.623	2.621	255.1664	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1743 001 (24-0701) **Description:** Alq 2 **Sample Barcode** 24-0701 **Vial Number:** 59
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 8:17:14 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\059F5901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87660	2.024	2.023	246.6852	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89278	2.624	2.621	229.6252	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1810 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1239	Aliquot 1:	0.1235
	Aliquot 2:	0.1228	Aliquot 2:	0.1223

Reported Result: 0.123 g/100 mL

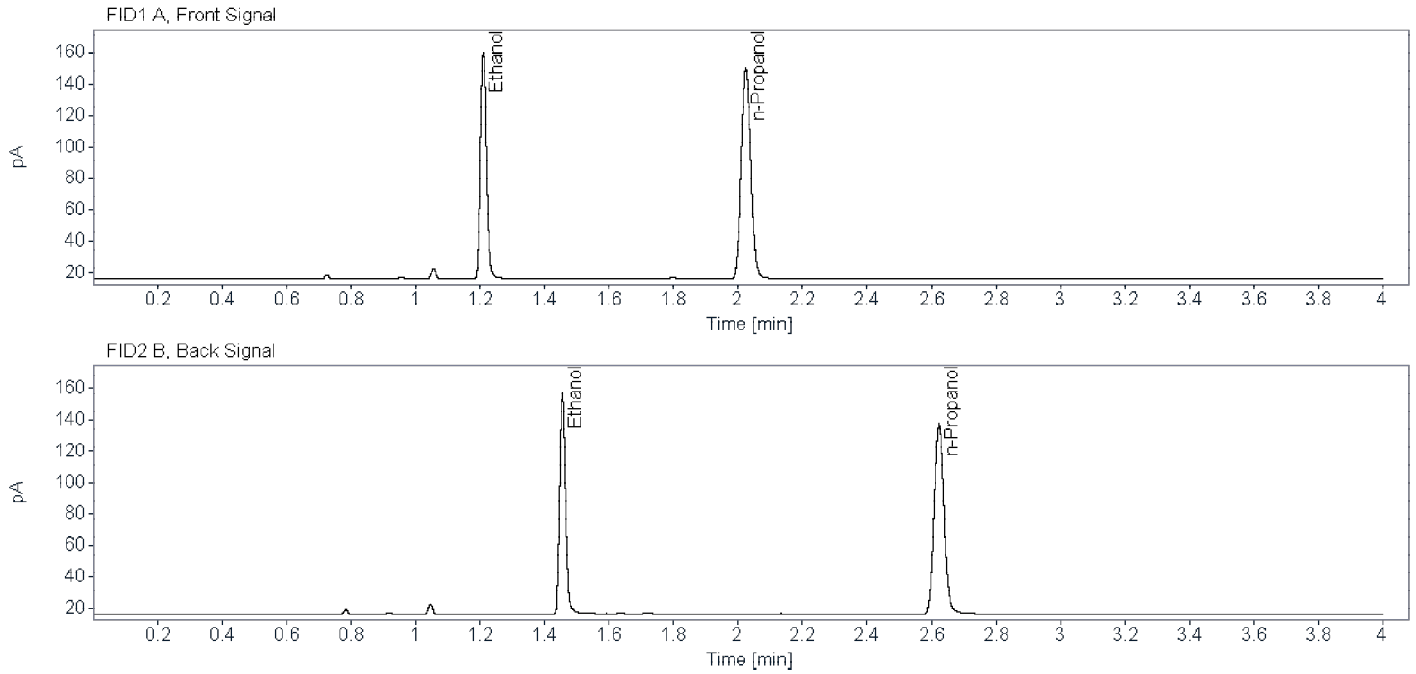
Reported UM: 0.018 g/100 mL

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1810 001 (24-0672) **Description:** Alq 1 **Sample Barcode** 24-0672 **Vial Number:** 30
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 5:45:57 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\030F3001.D



Name FID1A

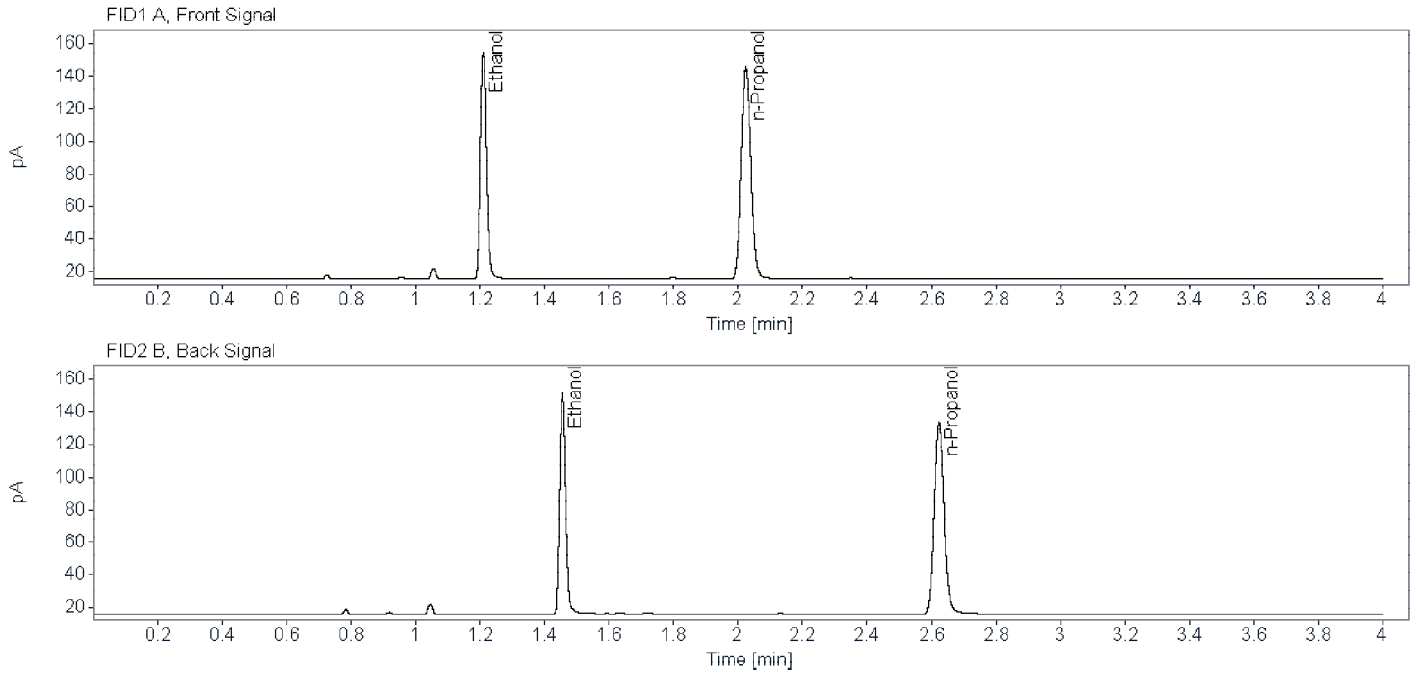
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85236	1.210	1.208	188.8627	0.1239
n-Propanol	0.88212	2.024	2.023	275.0397	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83350	1.456	1.453	177.1621	0.1235
n-Propanol	0.90424	2.623	2.621	256.1900	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1810 001 (24-0700) **Description:** Alq 2 **Sample Barcode** 24-0700 **Vial Number:** 58
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 8:11:33 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84598	1.210	1.208	181.7021	0.1228
n-Propanol	0.87815	2.024	2.023	267.0353	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83107	1.456	1.453	170.3820	0.1223
n-Propanol	0.89477	2.623	2.621	248.7152	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1822 001

Batch Name: BAC_20240327_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

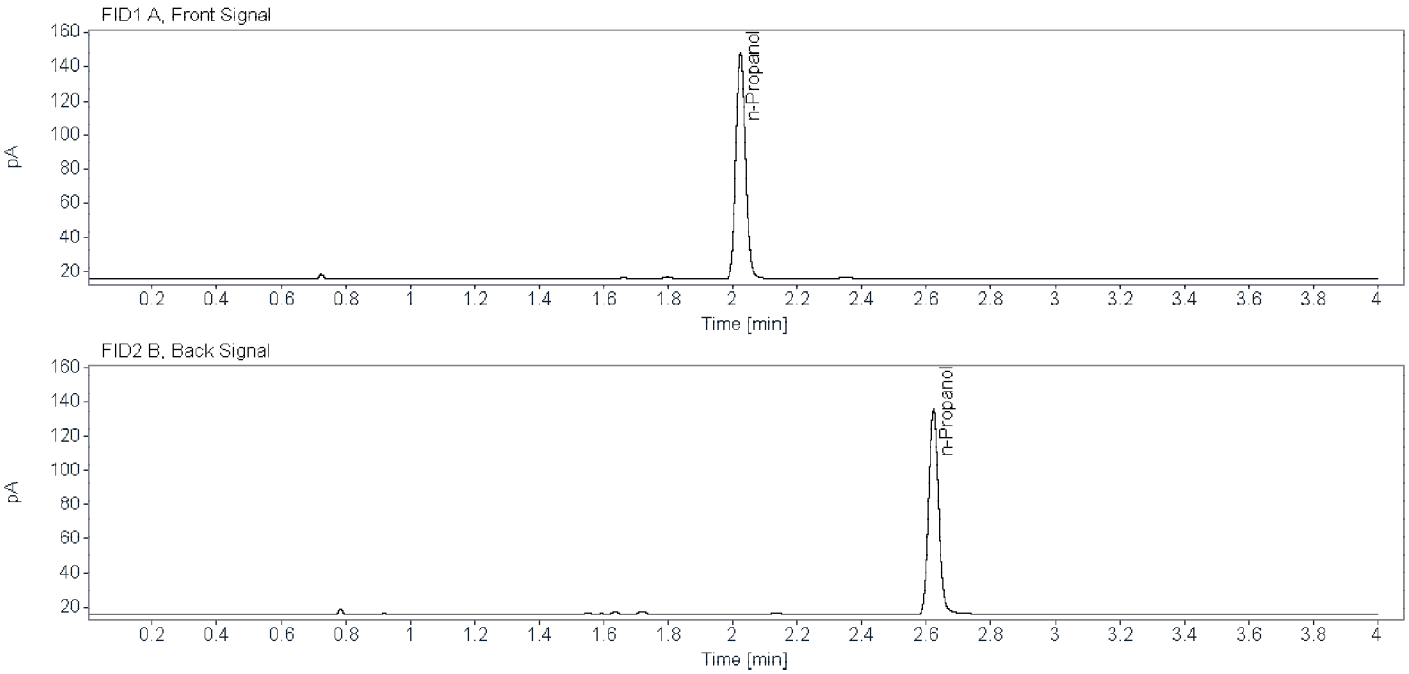
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1822 001 (24-0673) **Description:** Alq 1 **Sample Barcode** 24-0673 **Vial Number:** 31
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 5:51:38 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\031F3101.D



Name FID1A

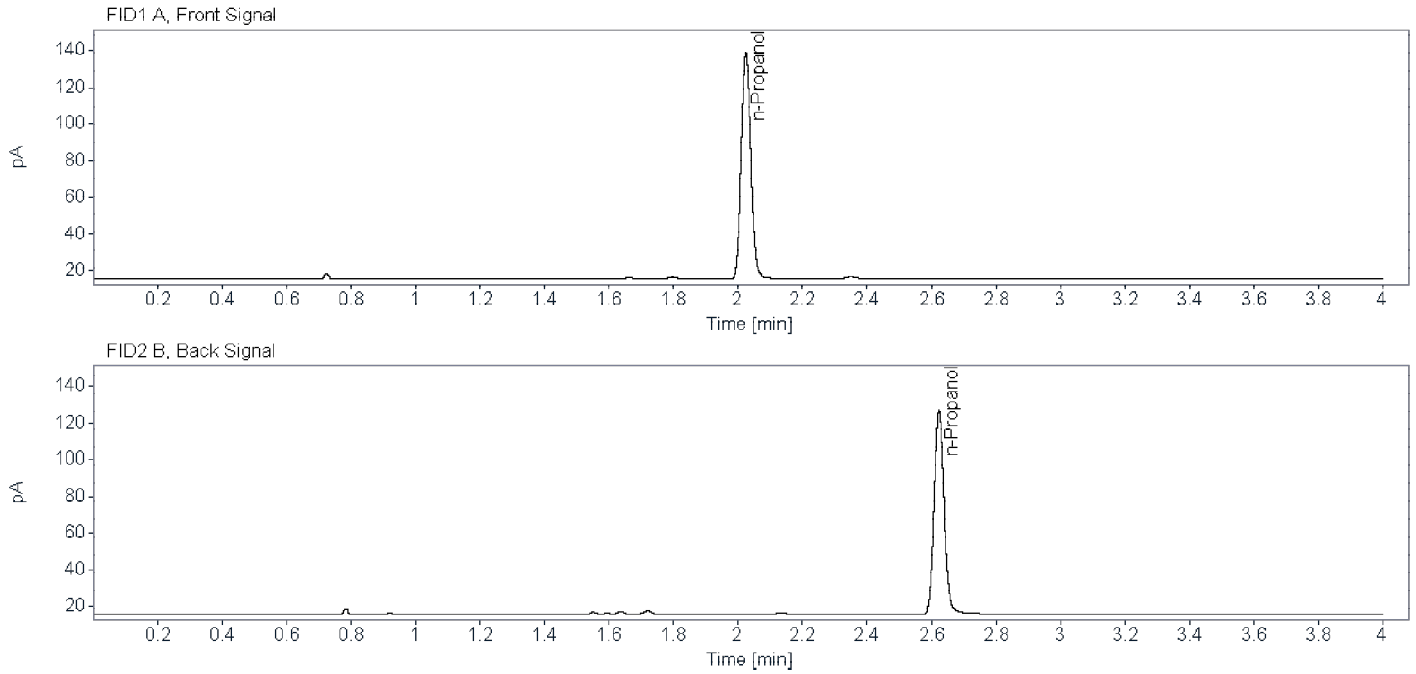
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86934	2.024	2.023	272.1569	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89785	2.622	2.621	253.5357	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1822 001 (24-0699) **Description:** Alq 2 **Sample Barcode** 24-0699 **Vial Number:** 57
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 8:06:51 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\057F5701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88055	2.024	2.023	252.5747	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89132	2.623	2.621	234.8096	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1835 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1294	Aliquot 1:	0.1291
	Aliquot 2:	0.1311	Aliquot 2:	0.1309

Reported Result: 0.130 g/100 mL

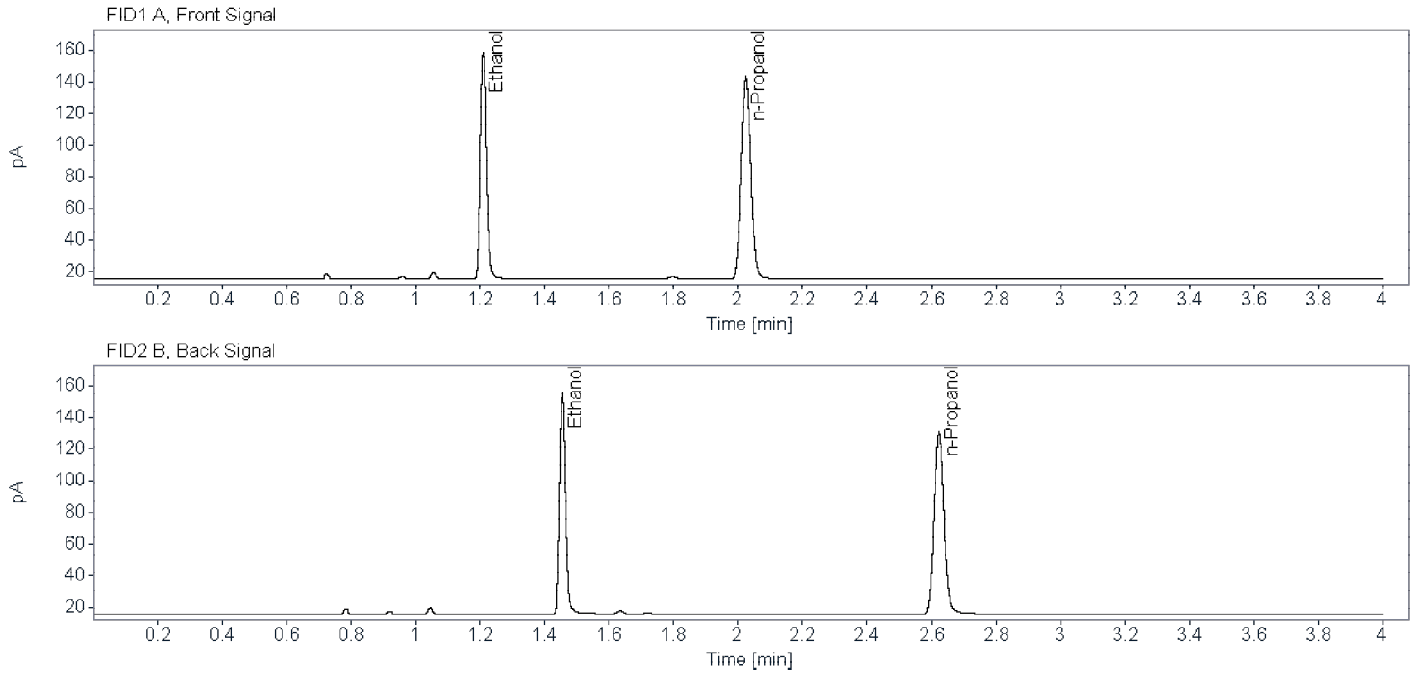
Reported UM: 0.019 g/100 mL

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1835 001 (24-0674) **Description:** Alq 1 **Sample Barcode** 24-0674 **Vial Number:** 32
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 5:56:21 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\032F3201.D



Name FID1A

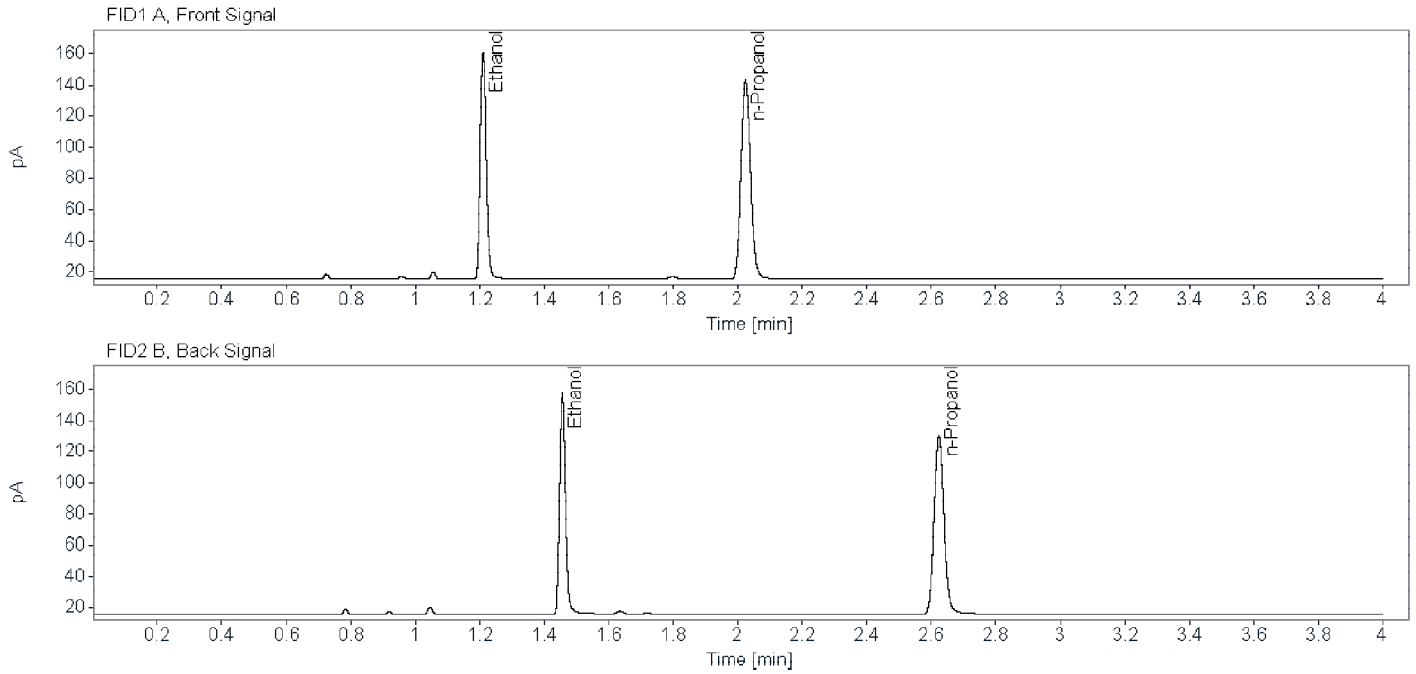
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84971	1.210	1.208	186.7724	0.1294
n-Propanol	0.88435	2.024	2.023	260.5268	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83094	1.455	1.453	175.2629	0.1291
n-Propanol	0.90137	2.623	2.621	242.2845	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1835 001 (24-0698) **Description:** Alq 2 **Sample Barcode** 24-0698 **Vial Number:** 56
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 8:01:09 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\056F5601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83950	1.210	1.208	188.3525	0.1311
n-Propanol	0.86967	2.024	2.023	259.2173	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83013	1.456	1.453	176.7880	0.1309
n-Propanol	0.89396	2.624	2.621	241.1471	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1836 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2746	Aliquot 1:	0.2749
	Aliquot 2:	0.2628	Aliquot 2:	0.2628

Reported Result: **0.268** **g/100 mL**

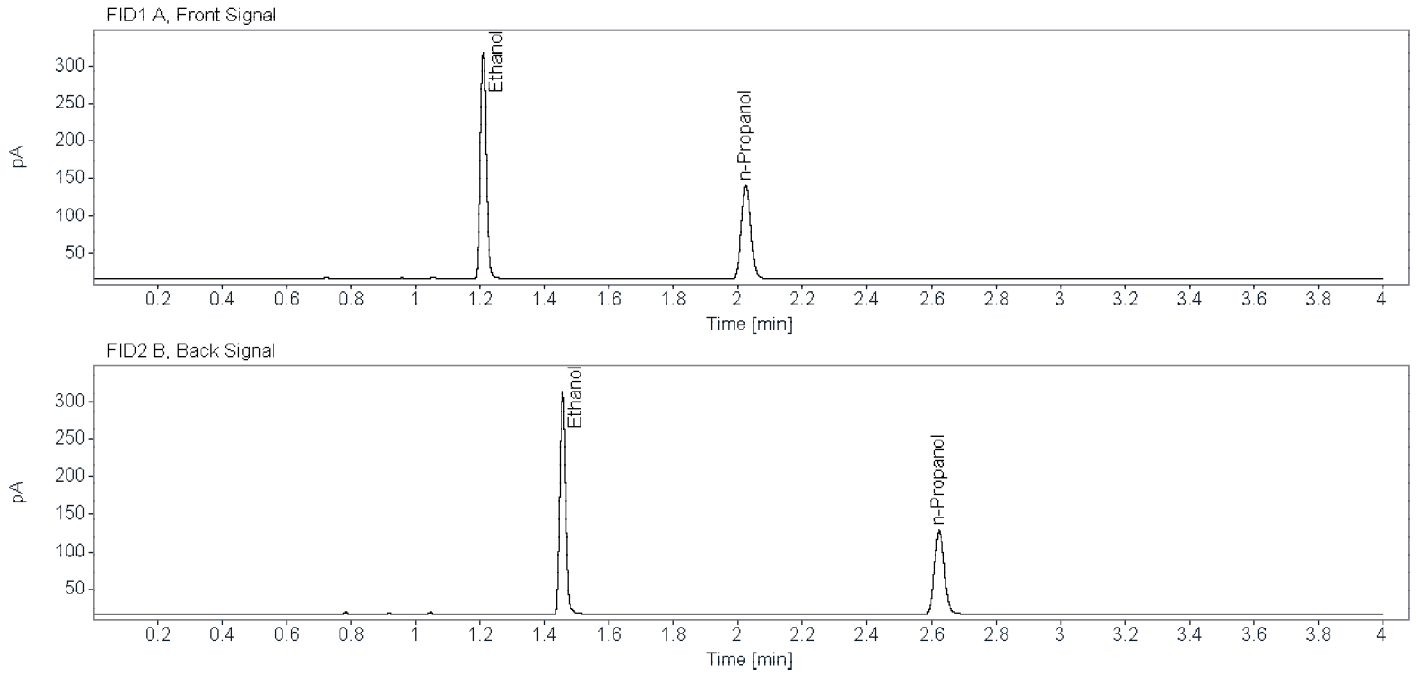
Reported UM: **0.039** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1836 001 (24-0676) **Description:** Alq 1 **Sample Barcode** 24-0676 **Vial Number:** 34
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 6:06:46 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\034F3401.D



Name FID1A

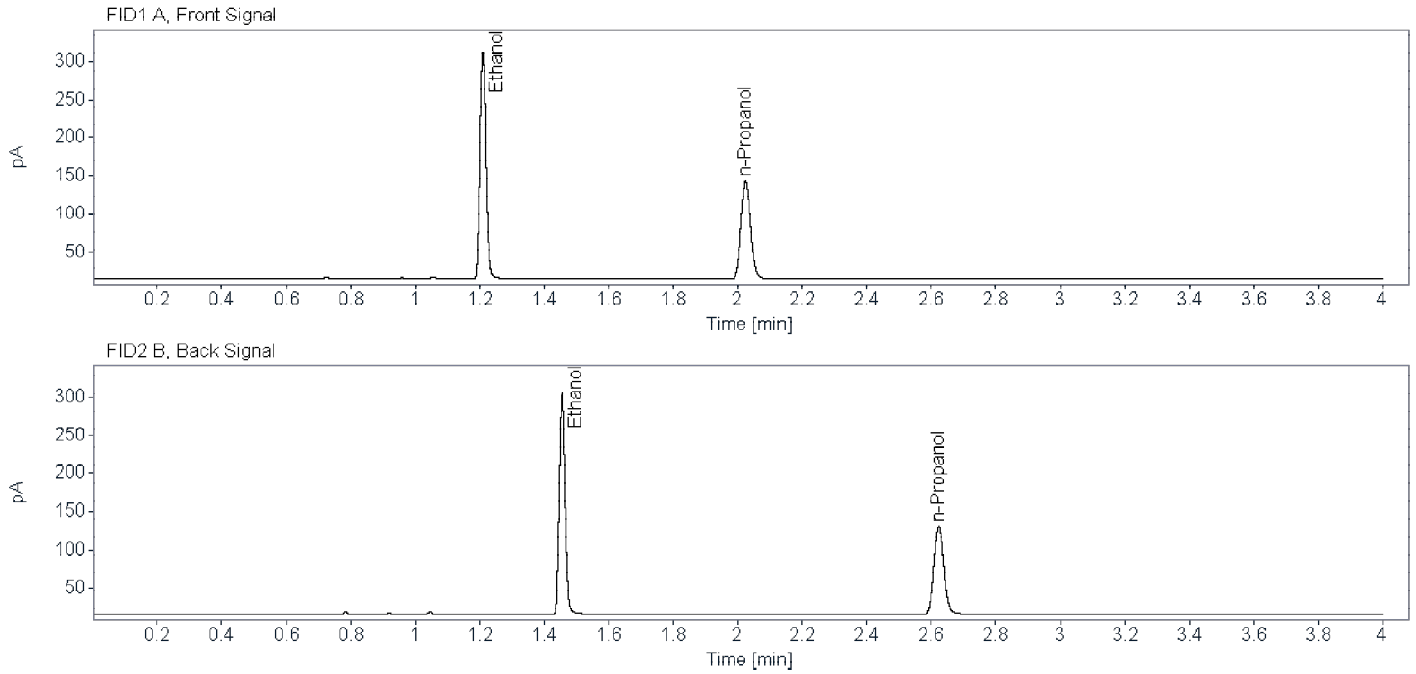
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87403	1.210	1.208	389.5084	0.2746
n-Propanol	0.87160	2.024	2.023	255.3128	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86943	1.456	1.453	367.1026	0.2749
n-Propanol	0.89756	2.624	2.621	237.4691	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1836 001 (24-0696) **Description:** Alq 2 **Sample Barcode** 24-0696 **Vial Number:** 54
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 7:50:45 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86059	1.210	1.208	383.6485	0.2628
n-Propanol	0.86684	2.024	2.023	262.7769	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86971	1.455	1.453	361.7123	0.2628
n-Propanol	0.89923	2.623	2.621	244.8202	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0499 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1205	Aliquot 1:	0.1204
	Aliquot 2:	0.1162	Aliquot 2:	0.1158

Reported Result: 0.118 g/100 mL

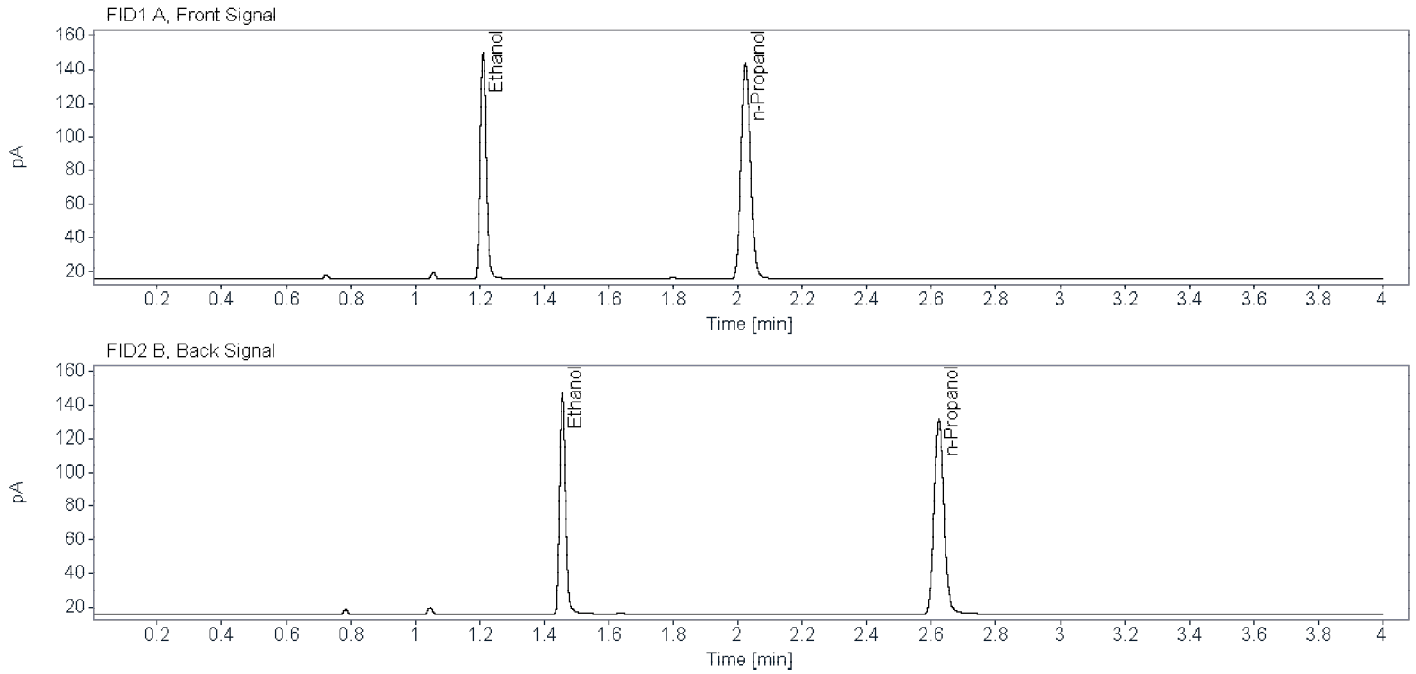
Reported UM: 0.017 g/100 mL

Comments: Previously analyzed in BAC_20240319_MH. -- 4/2/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0499 001 (24-0677) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 35
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 6:12:27 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\035F3501.D



Name FID1A

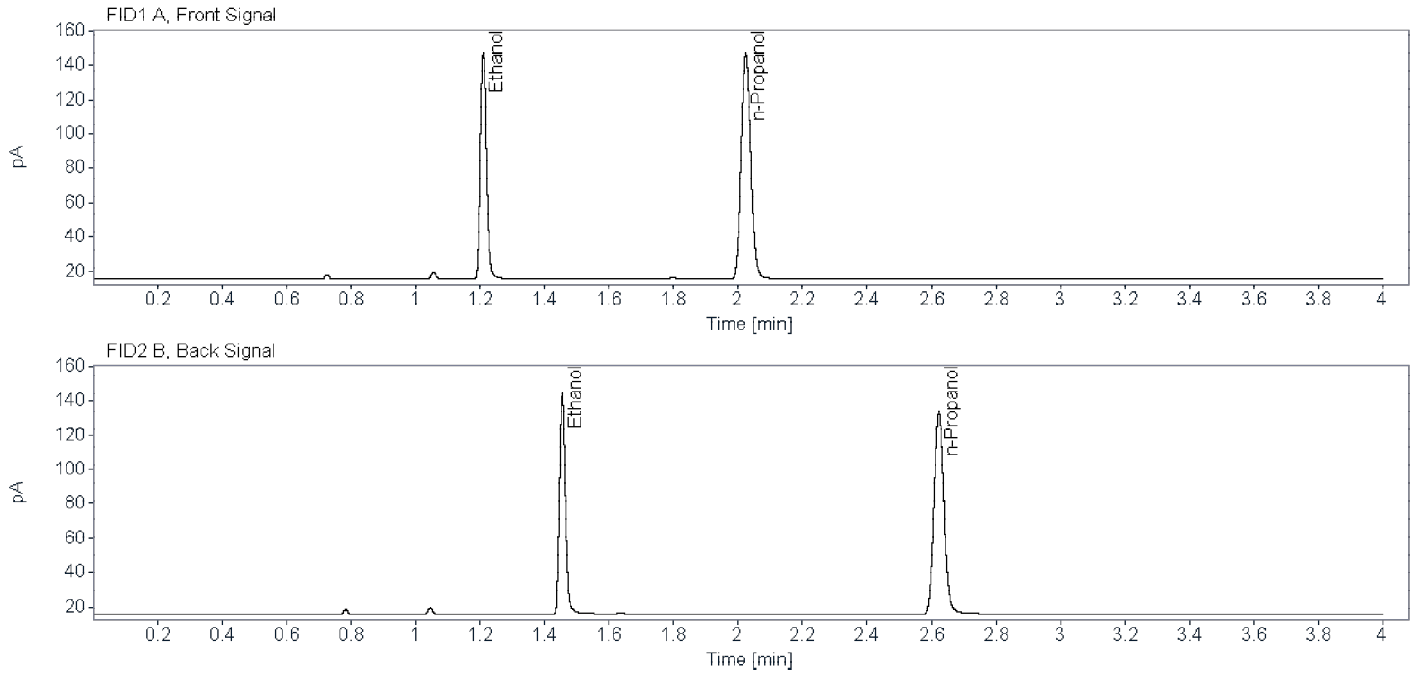
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84150	1.211	1.208	174.3374	0.1205
n-Propanol	0.87291	2.024	2.023	261.1680	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82938	1.456	1.453	163.7927	0.1204
n-Propanol	0.89698	2.624	2.621	243.0526	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0499 001 (24-0695) **Description:** Alq 2 **Sample Barcode** 24-0695 **Vial Number:** 53
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 7:46:02 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84388	1.210	1.208	172.6808	0.1162
n-Propanol	0.87414	2.024	2.023	268.3372	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82394	1.455	1.453	161.9276	0.1158
n-Propanol	0.88803	2.623	2.621	249.7441	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0536 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2249	Aliquot 1:	0.2246
	Aliquot 2:	0.2264	Aliquot 2:	0.2263

Reported Result: **0.225** **g/100 mL**

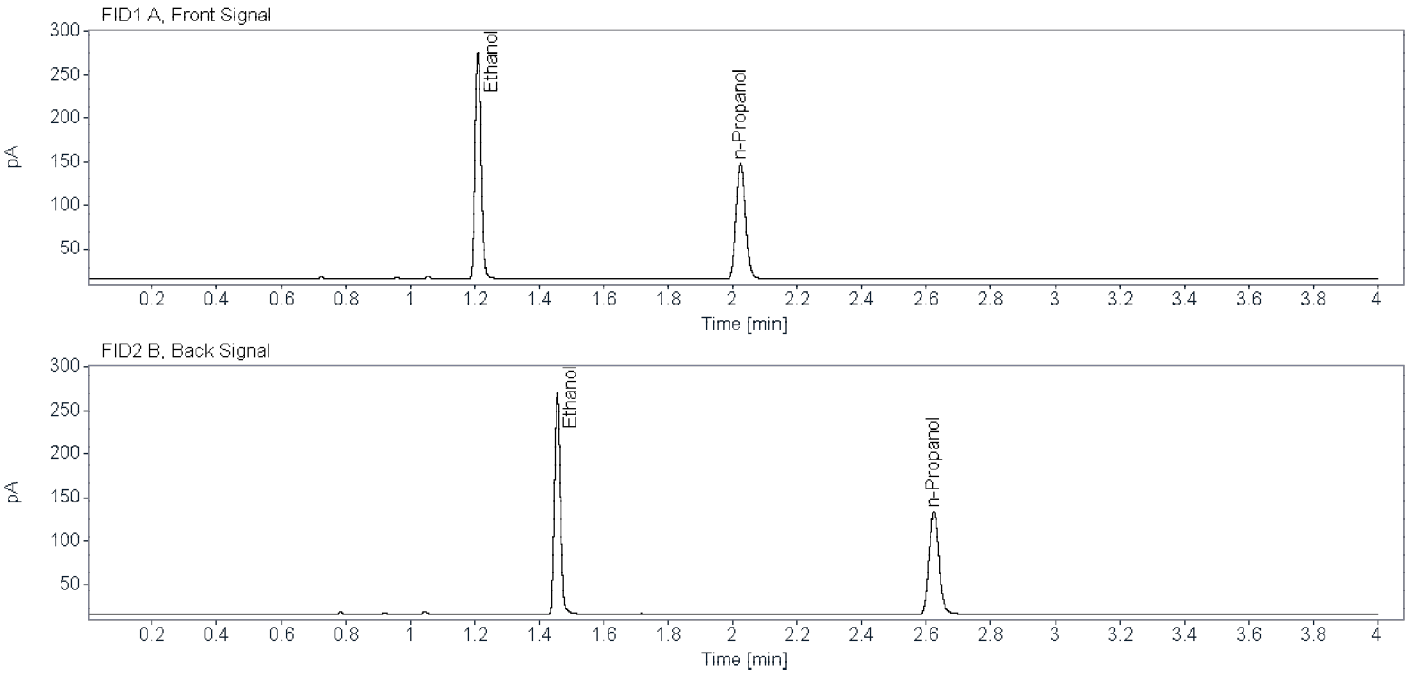
Reported UM: **0.032** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0536 001 (24-0678) **Description:** Alq 1 **Sample Barcode** 24-0678 **Vial Number:** 36
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 6:17:09 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\036F3601.D



Name FID1A

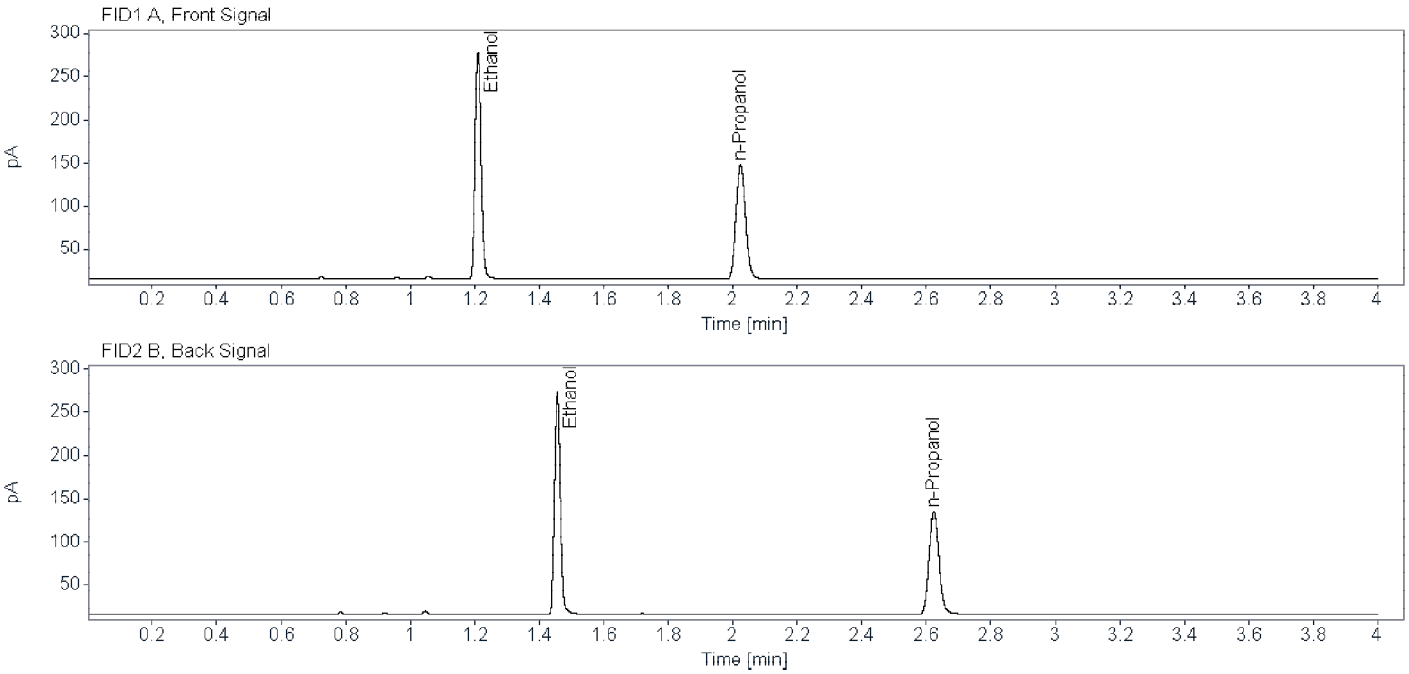
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85602	1.210	1.208	334.8842	0.2249
n-Propanol	0.87846	2.024	2.023	268.1056	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86527	1.456	1.453	315.4268	0.2246
n-Propanol	0.89891	2.624	2.621	250.0043	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0536 001 (24-0694) **Description:** Alq 2 **Sample Barcode** 24-0694 **Vial Number:** 52
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 7:40:21 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85476	1.210	1.208	339.1732	0.2264
n-Propanol	0.87458	2.024	2.023	269.7341	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86375	1.456	1.453	319.8114	0.2263
n-Propanol	0.89446	2.624	2.621	251.5379	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0537 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3364	Aliquot 1:	0.3370
	Aliquot 2:	0.3464	Aliquot 2:	0.3472

Reported Result: 0.341 g/100 mL

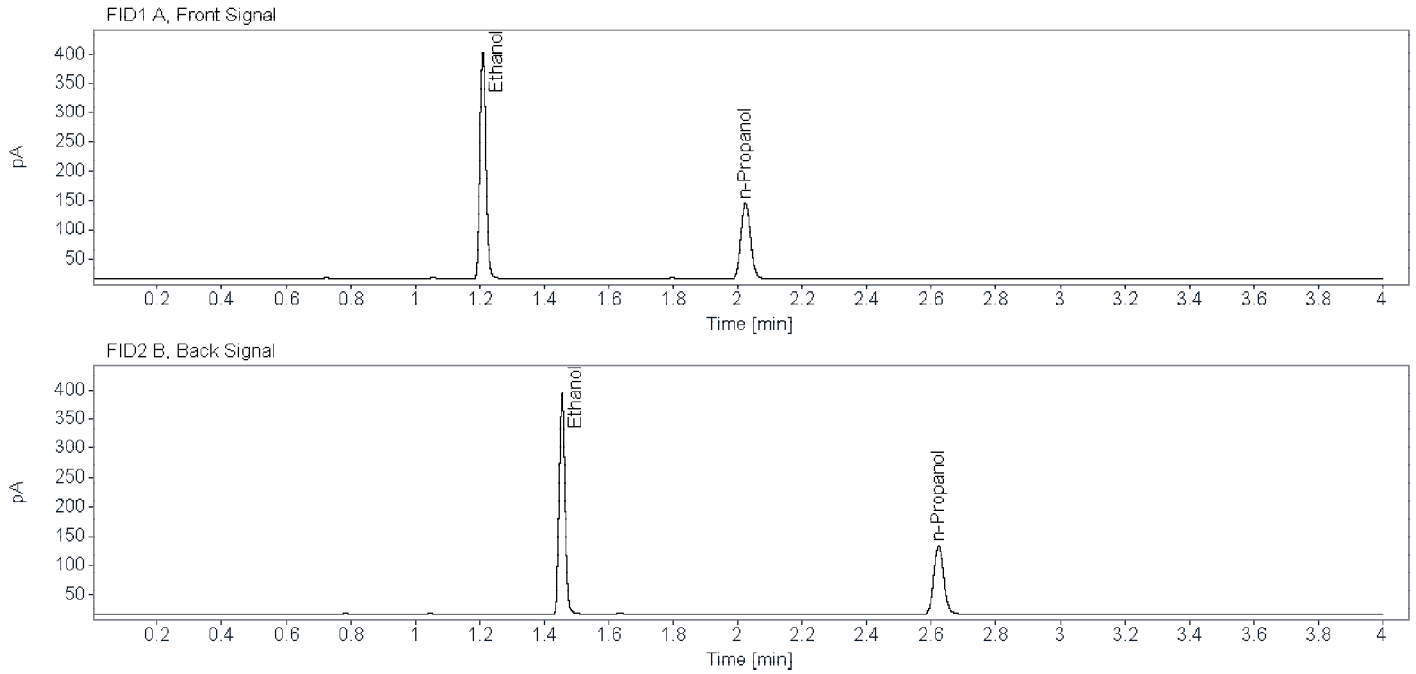
Reported UM: 0.049 g/100 mL

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0537 001 (24-0679) **Description:** Alq 1 **Sample Barcode** 24-0679 **Vial Number:** 37
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 6:22:50 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\037F3701.D



Name FID1A

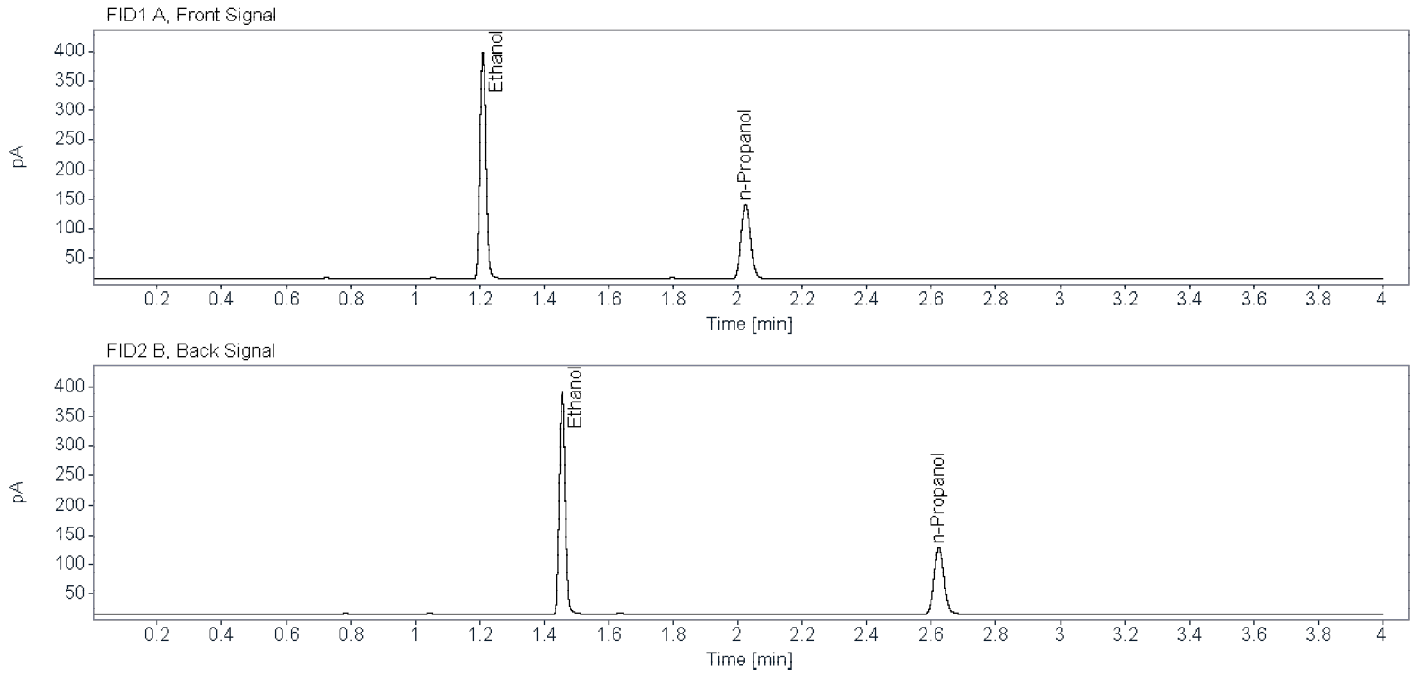
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86763	1.210	1.208	502.2386	0.3364
n-Propanol	0.87839	2.024	2.023	268.6178	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.89477	1.455	1.453	474.0213	0.3370
n-Propanol	0.89691	2.623	2.621	250.0171	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0537 001 (24-0693) **Description:** Alq 2 **Sample Barcode** 24-0693 **Vial Number:** 51
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 7:35:39 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86721	1.210	1.208	494.2894	0.3464
n-Propanol	0.87825	2.024	2.023	256.7298	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.89462	1.456	1.453	466.7581	0.3472
n-Propanol	0.88975	2.623	2.621	238.9434	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0540 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1423	Aliquot 1:	0.1418
	Aliquot 2:	0.1404	Aliquot 2:	0.1399

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

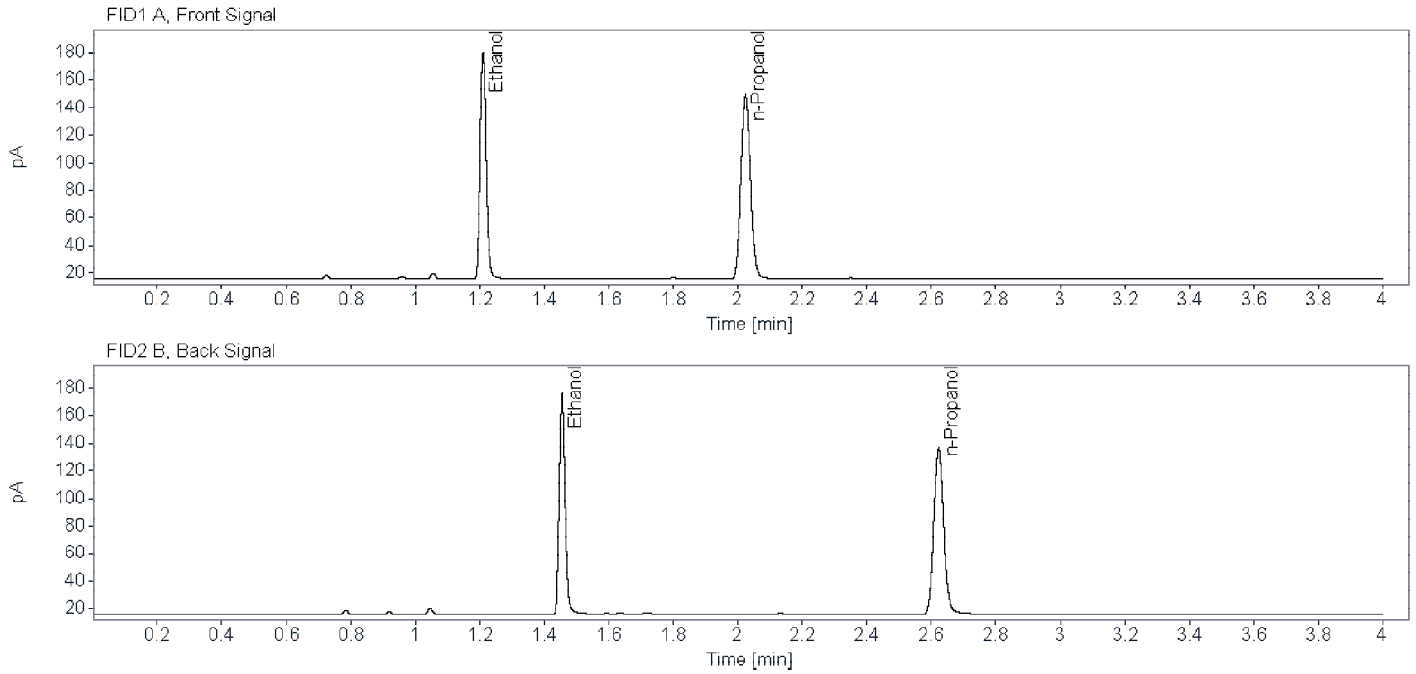
Reported UM: **0.020** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0540 001 (24-0680) **Description:** Alq 1 **Sample Barcode** 24-0680 **Vial Number:** 38
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 6:27:33 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\038F3801.D



Name FID1A

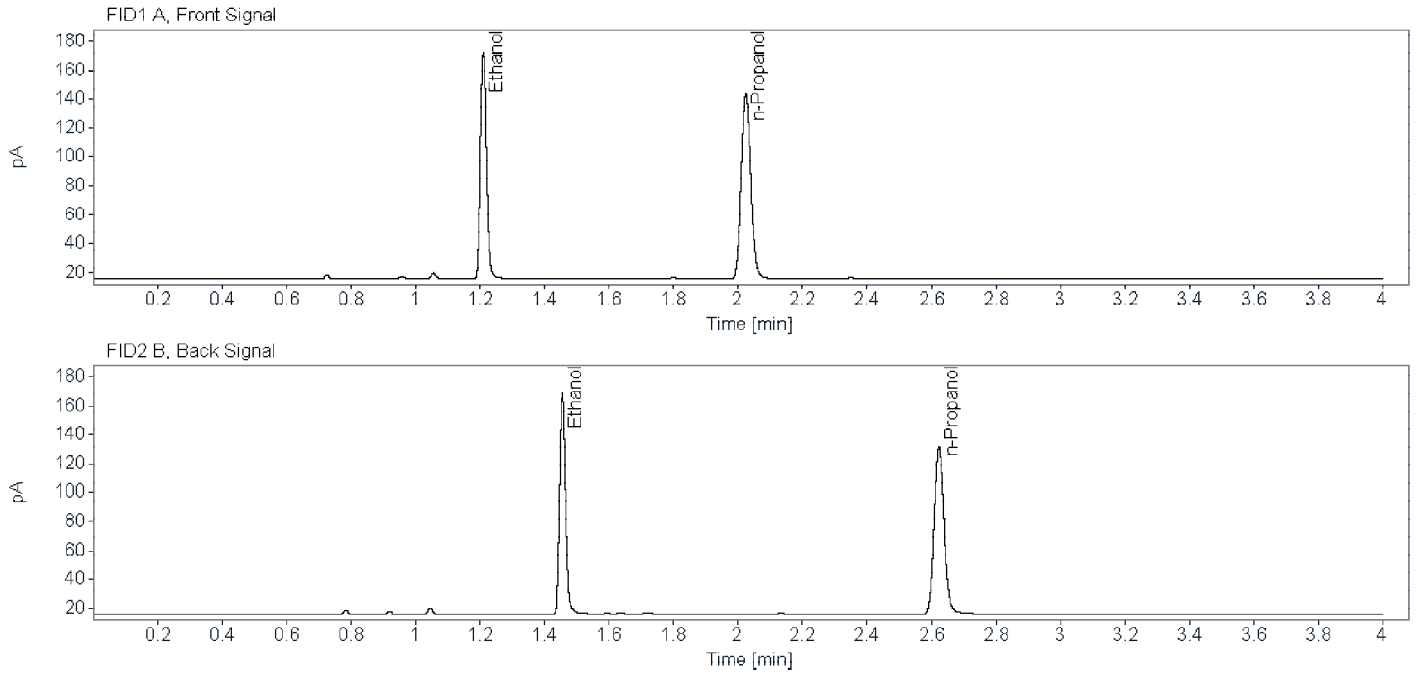
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83899	1.210	1.208	215.2596	0.1423
n-Propanol	0.88088	2.024	2.023	272.7844	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83307	1.455	1.453	202.2609	0.1418
n-Propanol	0.89786	2.623	2.621	254.4826	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0540 001 (24-0692) **Description:** Alq 2 **Sample Barcode** 24-0692 **Vial Number:** 50
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 7:29:57 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85146	1.210	1.208	204.4168	0.1404
n-Propanol	0.87804	2.024	2.023	262.6236	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83482	1.456	1.453	191.9459	0.1399
n-Propanol	0.88946	2.623	2.621	244.8432	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0551 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0822	Aliquot 1:	0.0818
	Aliquot 2:	0.0818	Aliquot 2:	0.0816

Reported Result: **0.081** **g/100 mL**

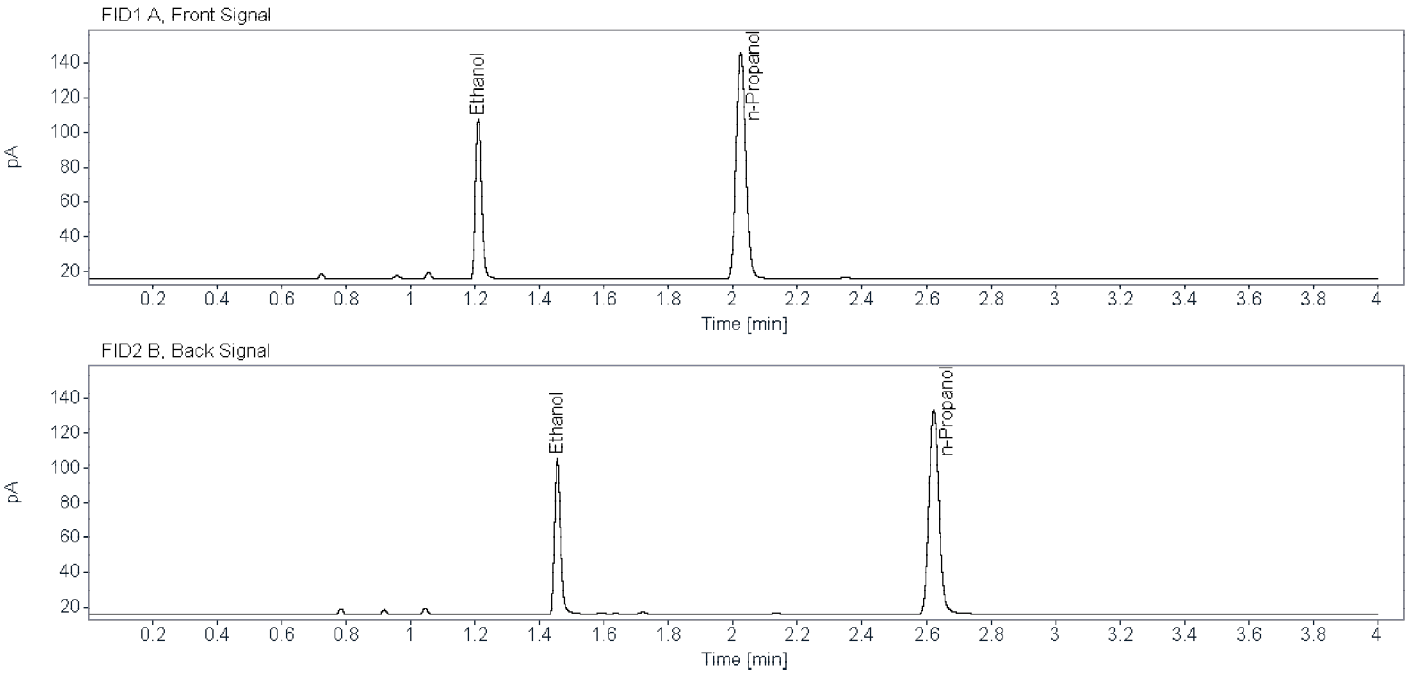
Reported UM: **0.012** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0551 001 (24-0681) **Description:** Alq 1 **Sample Barcode** 24-0681 **Vial Number:** 39
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 6:33:15 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\039F3901.D



Name FID1A

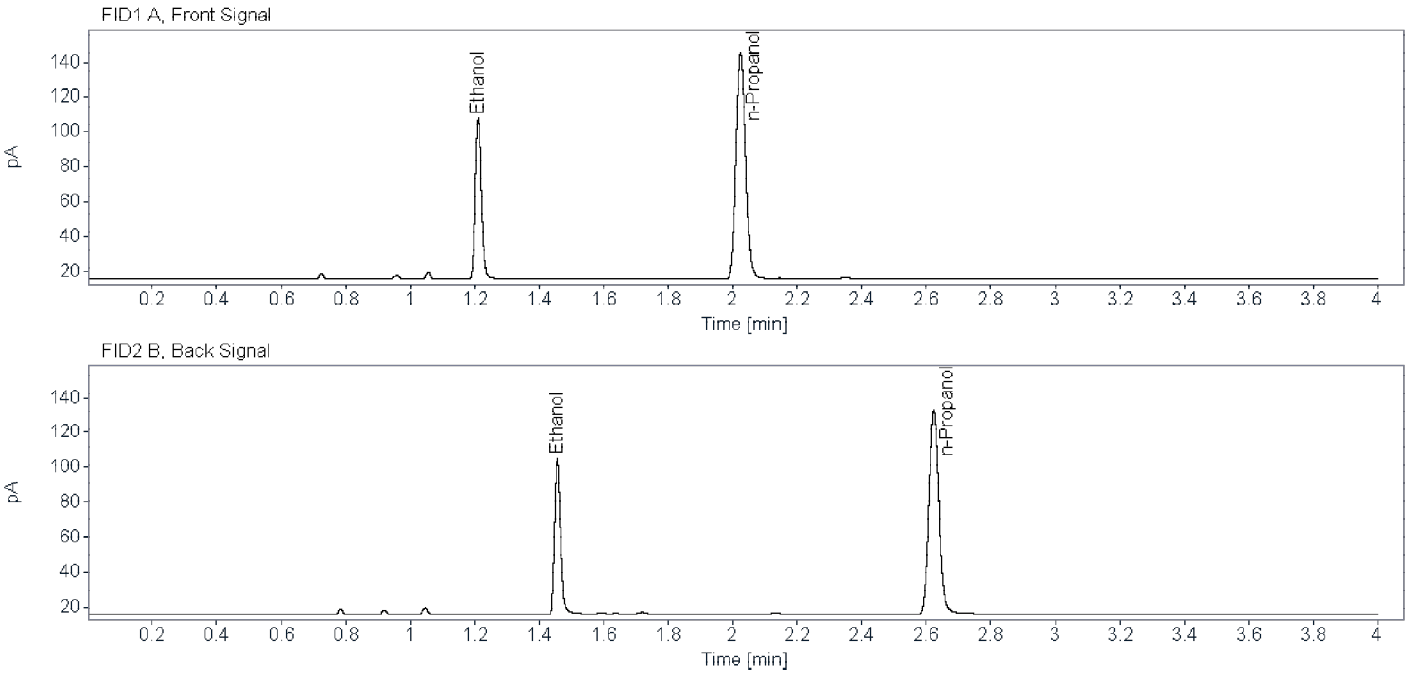
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83853	1.211	1.208	121.2988	0.0822
n-Propanol	0.87882	2.024	2.023	266.9388	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80438	1.455	1.453	113.5887	0.0818
n-Propanol	0.88957	2.623	2.621	248.7457	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0551 001 (24-0691) **Description:** Alq 2 **Sample Barcode** 24-0691 **Vial Number:** 49
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 7:25:15 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83234	1.211	1.208	119.9015	0.0818
n-Propanol	0.87541	2.024	2.023	265.4265	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80718	1.456	1.453	112.6823	0.0816
n-Propanol	0.89019	2.623	2.621	247.5266	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0552 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1460	Aliquot 1:	0.1457
	Aliquot 2:	0.1439	Aliquot 2:	0.1436

Reported Result: **0.144** **g/100 mL**

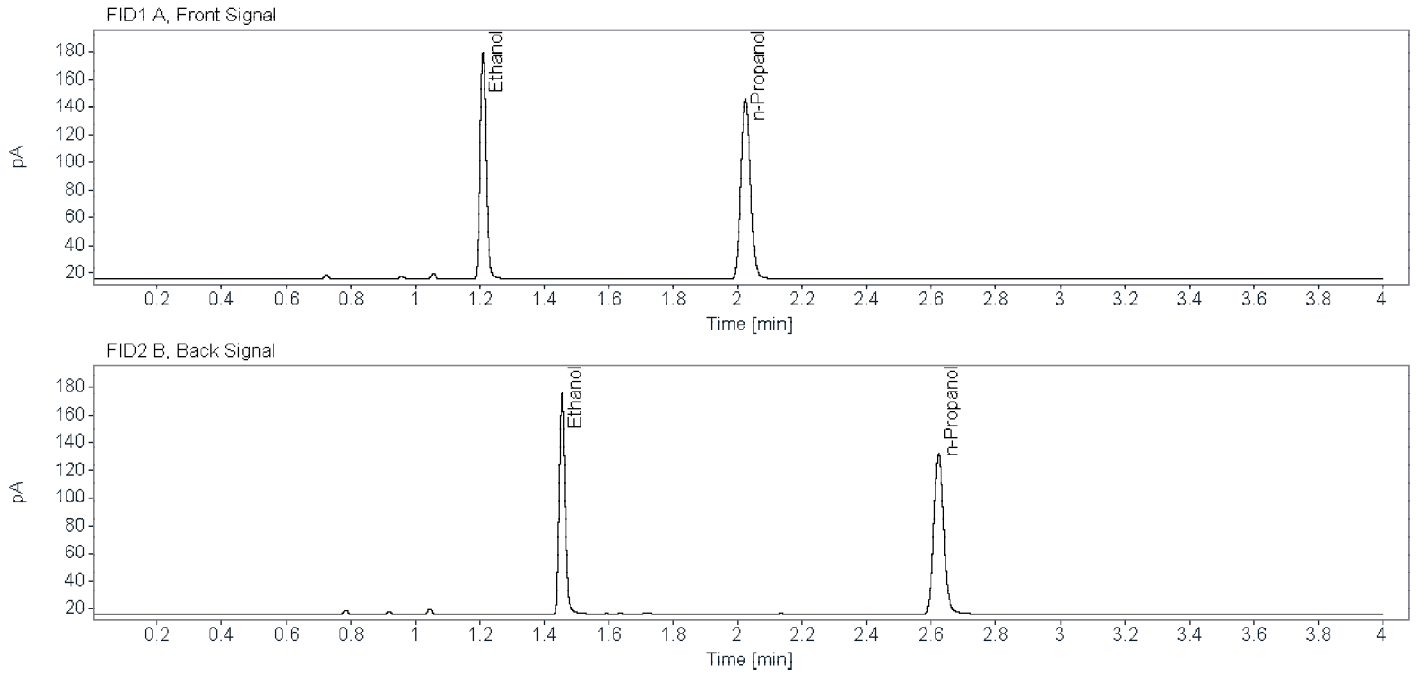
Reported UM: **0.021** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0552 001 (24-0682) **Description:** Alq 1 **Sample Barcode** 24-0682 **Vial Number:** 40
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 6:37:58 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\040F4001.D



Name FID1A

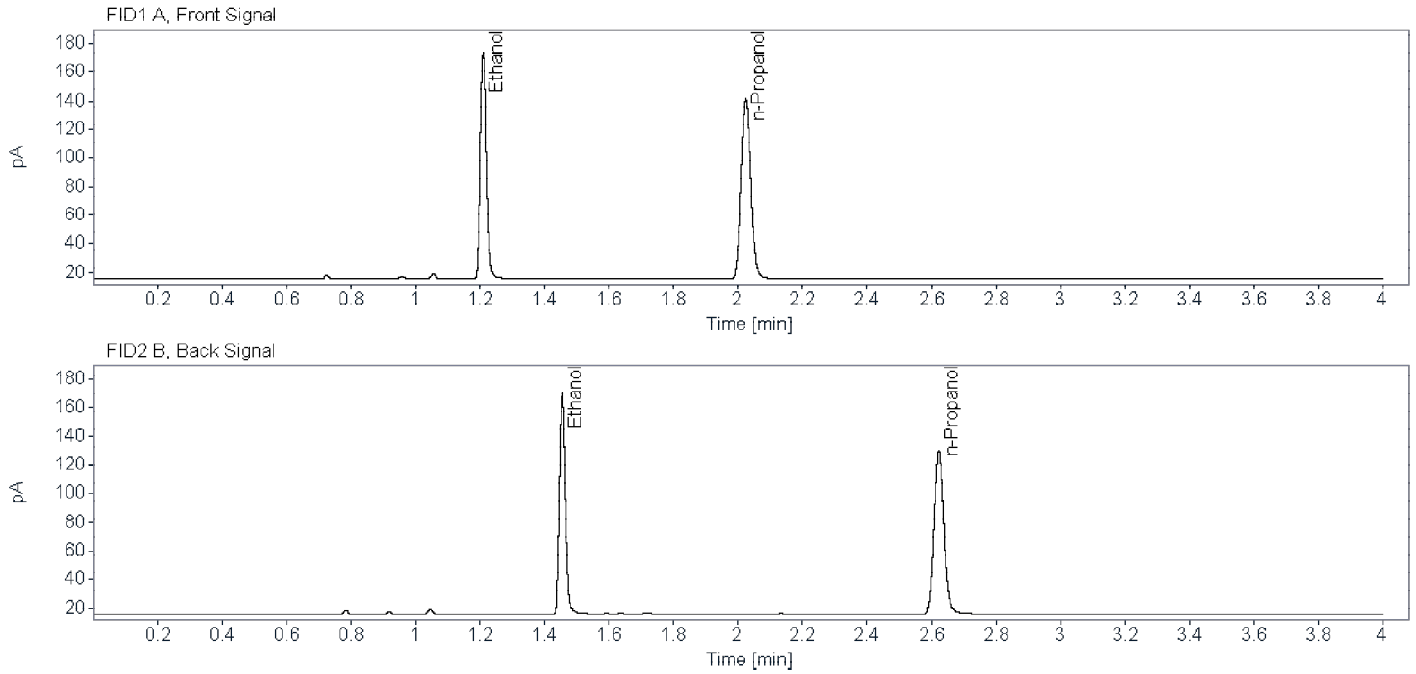
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84051	1.210	1.208	214.1586	0.1460
n-Propanol	0.87783	2.024	2.023	264.5456	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83055	1.455	1.453	201.4383	0.1457
n-Propanol	0.89543	2.623	2.621	246.6006	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0552 001 (24-0690) **Description:** Alq 2 **Sample Barcode** 24-0690 **Vial Number:** 48
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 7:19:34 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84614	1.210	1.208	205.3381	0.1439
n-Propanol	0.87589	2.024	2.023	257.2990	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82737	1.455	1.453	192.9142	0.1436
n-Propanol	0.88927	2.623	2.621	239.6791	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0565 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1081	Aliquot 1:	0.1077
	Aliquot 2:	0.1090	Aliquot 2:	0.1085

Reported Result: 0.108 g/100 mL

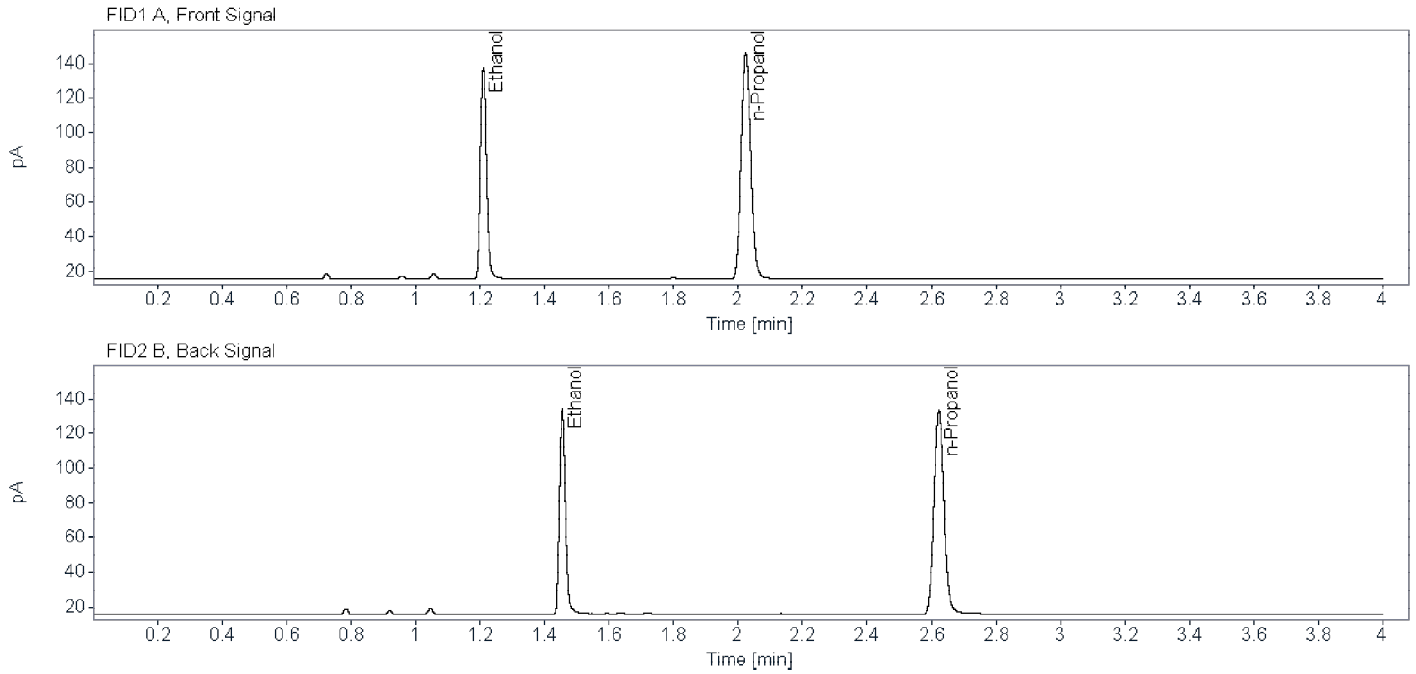
Reported UM: 0.016 g/100 mL

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0565 001 (24-0683) **Description:** Alq 1 **Sample Barcode** 24-0683 **Vial Number:** 41
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 6:43:38 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\041F4101.D



Name FID1A

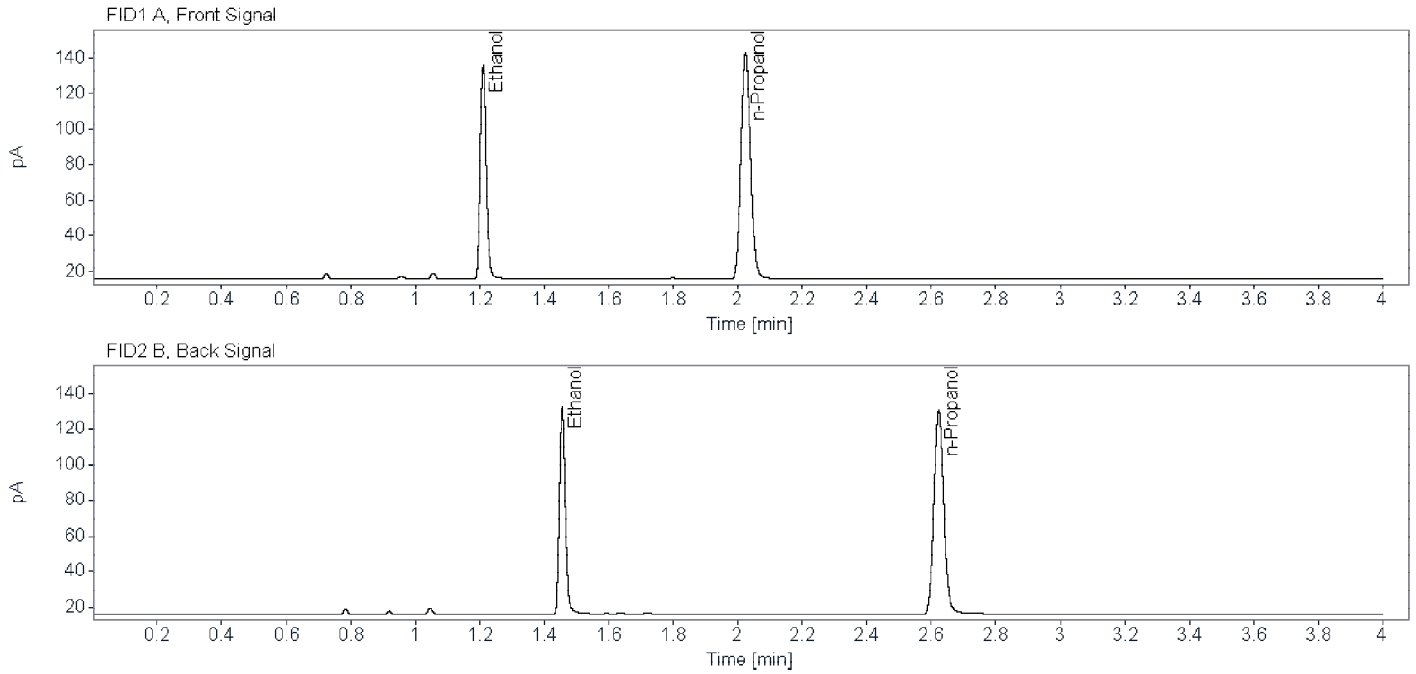
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84292	1.210	1.208	160.4464	0.1081
n-Propanol	0.87465	2.024	2.023	268.0161	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81892	1.455	1.453	150.2878	0.1077
n-Propanol	0.89965	2.623	2.621	249.4908	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0565 001 (24-0689) **Description:** Alq 2 **Sample Barcode** 24-0689 **Vial Number:** 47
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 7:14:50 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82998	1.210	1.208	156.4241	0.1090
n-Propanol	0.87211	2.024	2.023	259.2964	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81692	1.456	1.453	146.6257	0.1085
n-Propanol	0.88686	2.623	2.621	241.6325	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0566 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1326	Aliquot 1:	0.1323
	Aliquot 2:	0.1395	Aliquot 2:	0.1390

Reported Result: **0.135** **g/100 mL**

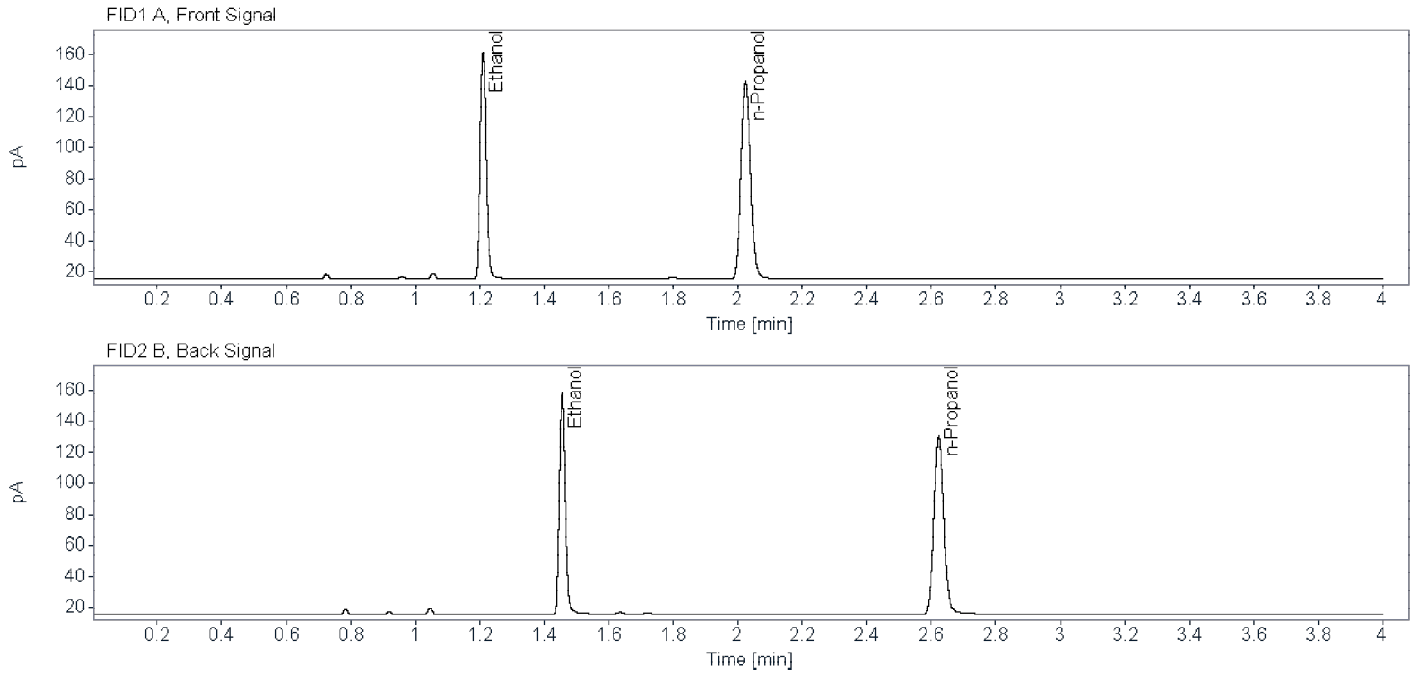
Reported UM: **0.019** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0566 001 (24-0684) **Description:** Alq 1 **Sample Barcode** 24-0684 **Vial Number:** 42
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 6:48:21 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\042F4201.D



Name FID1A

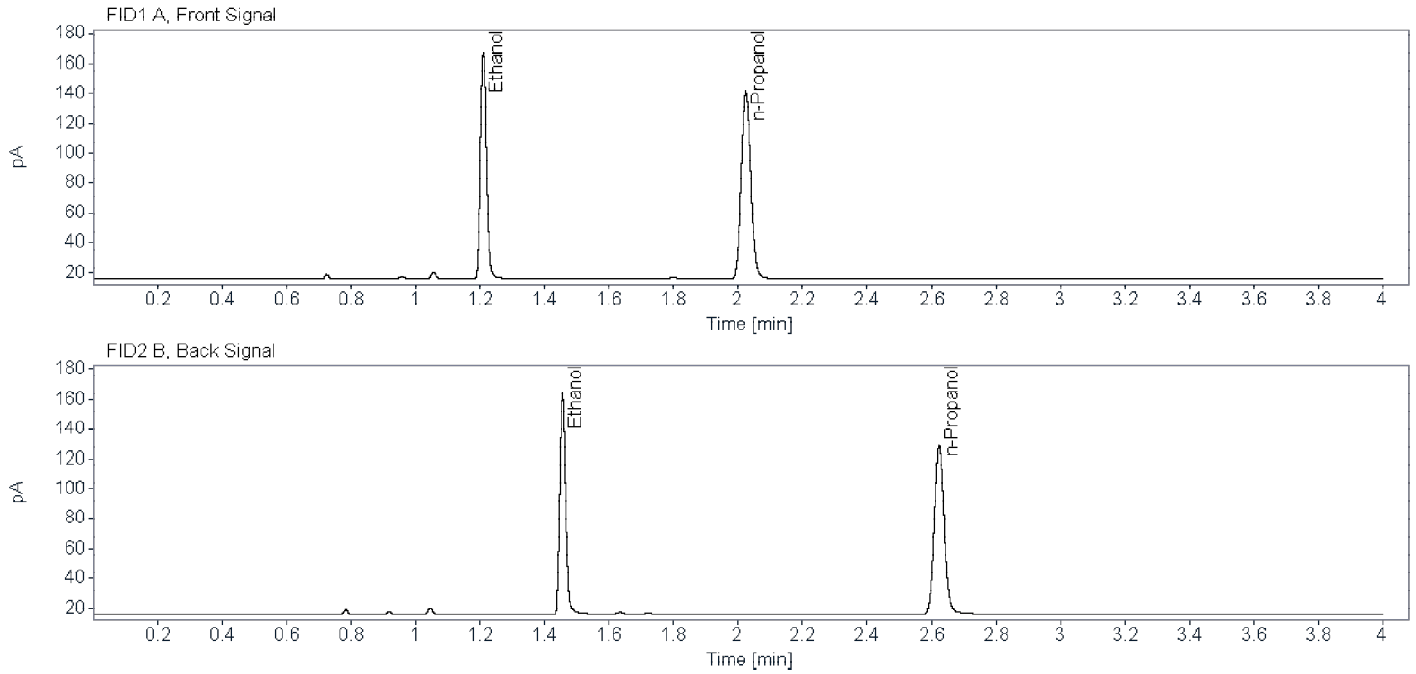
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83761	1.210	1.208	190.2327	0.1326
n-Propanol	0.87703	2.024	2.023	258.8847	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82649	1.456	1.453	178.7952	0.1323
n-Propanol	0.89470	2.623	2.621	241.2752	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0566 001 (24-0688) **Description:** Alq 2 **Sample Barcode** 24-0688 **Vial Number:** 46
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 7:09:09 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85239	1.210	1.208	197.6000	0.1395
n-Propanol	0.88367	2.024	2.023	255.6196	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83988	1.456	1.453	185.5017	0.1390
n-Propanol	0.89152	2.623	2.621	238.0760	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0567 001

Batch Name: BAC_20240327_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2368	Aliquot 1:	0.2366
	Aliquot 2:	0.2386	Aliquot 2:	0.2386

Reported Result: **0.237** **g/100 mL**

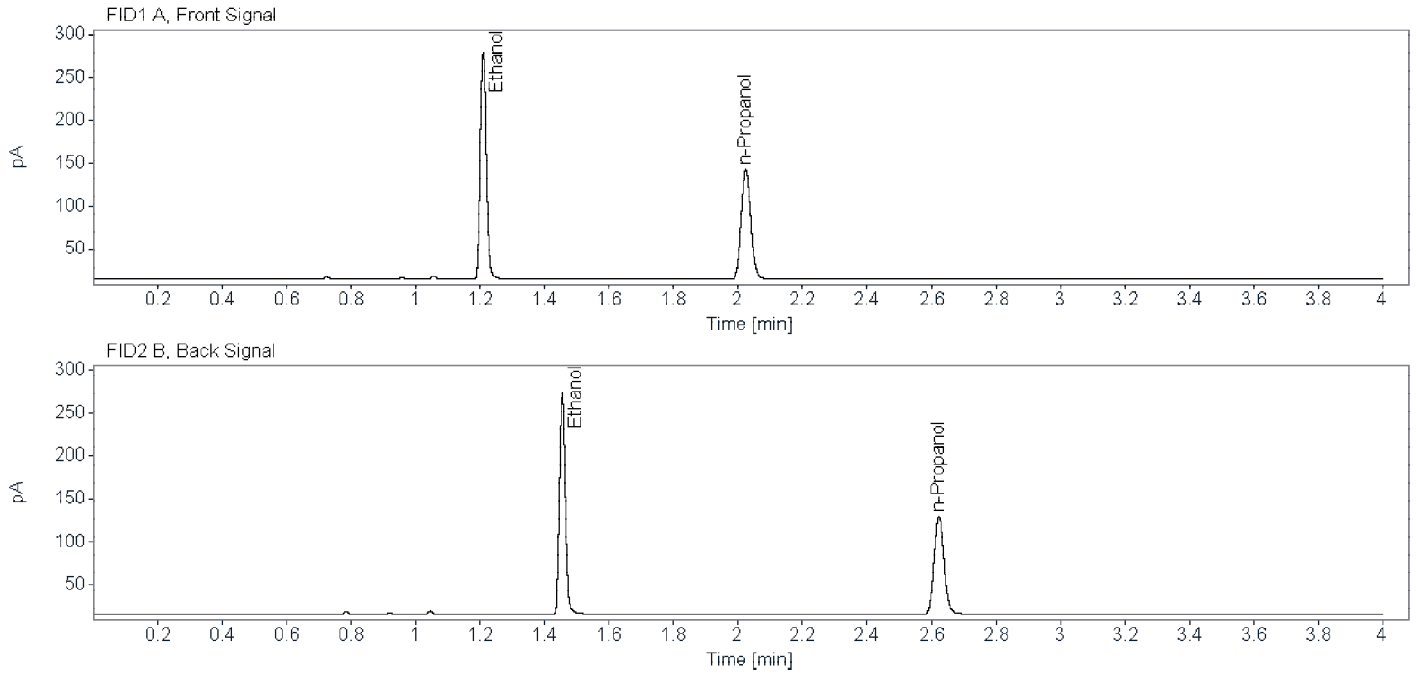
Reported UM: **0.034** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0567 001 (24-0685) **Description:** Alq 1 **Sample Barcode** 24-0685 **Vial Number:** 43
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 6:54:02 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\043F4301.D



Name FID1A

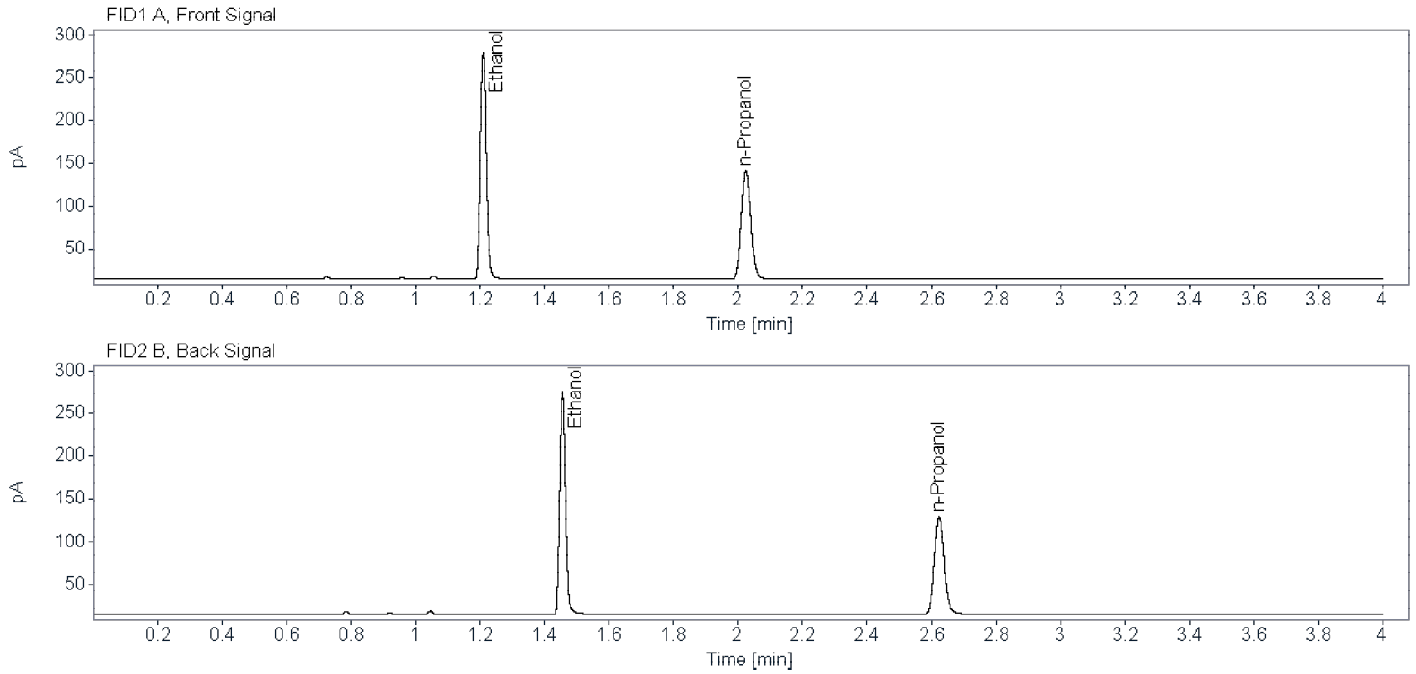
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86555	1.210	1.208	342.5729	0.2368
n-Propanol	0.87654	2.024	2.023	260.5342	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86529	1.455	1.453	322.4154	0.2366
n-Propanol	0.89626	2.623	2.621	242.4820	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0567 001 (24-0687) **Description:** Alq 2 **Sample Barcode** 24-0687 **Vial Number:** 45
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/27/2024 7:04:26 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240327_MH 2024-03-27 15-04-46\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86709	1.210	1.208	341.9756	0.2386
n-Propanol	0.88077	2.024	2.023	258.1173	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87094	1.456	1.453	322.2826	0.2386
n-Propanol	0.89338	2.624	2.621	240.3367	0.0100