Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20240617_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	127	✓	✓

Analyst Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2024.06.20 11:29:54 -05'00'

Date: 6/20/2024

Technical Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2024.07.03 13:25:37 -05'00'

Date: 7/3/2024

Batch Name: BAC_20240617_MH

Technical Review Notes

-N/A -KB 7/3/2024

BAC Summary Worksheet

Batch Name:	BAC_20240617_MH
Instrument:	BAC-1
Analyst:	Melissa Henry
UM%:	14.39
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		271.0669	252.1428
Acceptance Range	**Min**	243.9602	226.9285
	Max	298.1735	277.3571

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	0.0104	0.0105	0.0104	4.00	0.00	0.96	268.3442	249.7850
0.025 g/100mL Calibrator	0.0247	0.0246	0.0246	-1.60	0.41	0.00	270.2042	251.2608
0.050 g/100mL Calibrator	0.0497	0.0497	0.0497	-0.60	0.00	0.00	269.1546	250.2118
0.100 g/100mL Calibrator	0.0974	0.0970	0.0972	-2.80	0.21	-0.21	277.7234	258.1465
0.200 g/100mL Calibrator	0.1987	0.1984	0.1985	-0.75	0.10	-0.05	270.0495	251.2407
0.400 g/100mL Calibrator	0.4043	0.4046	0.4044	1.10	-0.02	0.05	268.7835	250.0457
0.500 g/100mL Calibrator	0.5000	0.5005	0.5002	0.04	-0.04	0.06	273.2086	254.3092

		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	-	-	-	269.7915	250.7257
High QC	0.3973	0.3975	0.3974	-0.65	-0.03	0.03	274.4763	255.5675
Low QC	0.0807	0.0805	0.0806	0.75	0.12	-0.12	262.6422	244.3071
Blood QC A	0.0406	0.0401	0.0403	**-48.20**	0.74	-0.50	265.3513	248.0457
Blood QC A re-injection	0.0419	0.0415	0.0417	**-46.40**	0.48	-0.48	**239.0664**	**223.9857**
Blood QC B	0.2042	0.2036	0.2039	3.19	0.15	-0.15	251.1085	234.1751
Blood QC A	0.0426	0.0422	0.0424	**-45.50**	0.47	-0.47	263.8889	247.2219
Blood QC B	0.2049	0.2046	0.2047	3.59	0.10	-0.05	255.0029	237.4243
Blood QC A	0.0410	0.0405	0.0407	**-47.69**	0.74	-0.49	**243.8753**	228.2533
Blood QC B	0.2002	0.2008	0.2005	1.47	-0.15	0.15	266.7077	248.1636
Blood QC A	0.0413	0.0411	0.0412	**-47.04**	0.24	-0.24	252.0710	235.4164
High QC	0.4091	0.4097	0.4094	2.35	-0.07	0.07	254.1303	236.4340
Low QC	0.0828	0.0827	0.0827	3.37	0.12	0.00	257.1379	239.1358
DI Water	0.0000	0.0000	0.0000	-	-	-	258.5117	240.4493

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

	Lab Number	Ethanol Obtained Value Alq1 FID1	Ethanol Obtained Value Alq1 FID2	Ethanol Obtained Value Alq2 FID1	Ethanol Obtained Value Alq2 FID2	Result	UM	% Difference FID & Average				IS Area Counts Alq1		IS Area Counts Alq2	
								Alq1 FID1	Alq1 FID2	Alq 2 FID1	Alq2 FID2	FID1	FID2	FID1	FID2
1	BCCL-22-0830 001	0.1918	0.1916	0.2013	0.2009	~~0.196~~	~~0.028~~	-2.34	-2.44	2.49	2.29	272.6707	254.2901	260.5640	242.8965
2	**BCCL-22-1018 001**	0.0489	0.0485	0.0519	0.0521	~~0.050~~	~~0.007~~	-2.88	-3.67	3.08	3.48	271.1276	252.8806	253.9812	236.7638
3	**BCCL-22-1556 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	273.9669	255.5727	265.6719	247.7879
4	**BCCL-22-1711 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	273.5083	254.9495	261.9717	244.1894
5	BCCL-22-1715 001	0.3020	0.3011	0.3163	0.3158	~~0.308~~	~~0.044~~	-2.20	-2.49	2.43	2.27	273.0973	254.6541	254.2010	236.9765
6	BCCL-22-1725 001	0.2378	0.2368	0.2201	0.2198	~~0.228~~	~~0.033~~	4.01	3.58	-3.73	-3.86	271.9777	254.3816	265.6327	248.2290
7	**BCCL-22-1778 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	261.9030	**0.0000**	263.8483	245.7682
8	**BCCL-22-1834 001**			0.0000	0.0000	none detected				#DIV/0!	#DIV/0!			249.9653	233.2362
9	BCCL-22-1839 001			0.1979	0.1971	~~0.197~~ 6/18/2024 mh				0.20	-0.20			260.6723	243.5694
10	**BCCL-22-2005 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	259.9230	242.9957	250.2890	233.3041
11	**BCCL-22-2243 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	259.6372	242.4259	258.7849	241.4582
12	**BCCL-24-1107 001**	0.0202	0.0204	0.0210	0.0212	~~0.020~~	~~0.003~~	-2.42	-1.45	1.45	2.42	266.0115	248.9165	260.9928	244.0463
13	BCCL-24-1121 001	0.1283	0.1276	0.1317	0.1313	~~0.129~~	~~0.019~~	-1.10	-1.64	1.52	1.21	265.1927	248.2540	264.6958	247.3564
14	BCCL-24-1122 001	0.2367	0.2357	0.2444	0.2436	~~0.240~~	~~0.035~~	-1.42	-1.83	1.79	1.46	268.2913	250.6889	264.6997	247.1987
15	**BCCL-24-1129 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	257.7924	240.9086	254.7961	238.0483
16	BCCL-24-1145 005	0.1374	0.1370	0.1411	0.1405	~~0.139~~	~~0.020~~	-1.15	-1.44	1.51	1.08	265.4731	248.0571	261.9901	244.9031
17	BCCL-24-1151 001	0.1396	0.1391	0.1488	0.1482	~~0.143~~	~~0.021~~	-3.01	-3.35	3.39	2.97	276.3728	258.0830	265.9981	248.2084
18	BCCL-24-1152 001	0.2599	0.2591	0.2462	0.2454	~~0.252~~	~~0.036~~	2.87	2.55	-2.55	-2.87	261.5174	244.6906	268.3413	251.1178
19	BCCL-24-1153 001	0.1367	0.1359	0.1363	0.1357	~~0.136~~	~~0.020~~	0.40	-0.18	0.11	-0.33	266.0131	248.6359	265.3190	247.9589
20	BCCL-24-1154 001	0.1820	0.1811	0.1975	0.1967	~~0.189~~	~~0.027~~	-3.87	-4.34	4.32	3.90	257.4513	240.7284	260.9603	243.7037
21	BCCL-24-1155 001	0.1592	0.1587	0.1712	0.1707	~~0.164~~	~~0.024~~	-3.49	-3.79	3.79	3.49	263.9721	246.4084	273.2852	255.2651
22	BCCL-24-1156 001	0.2276	0.2270	0.2194	0.2185	~~0.223~~	~~0.032~~	2.01	1.74	-1.67	-2.07	251.6412	234.7634	265.4420	248.0833
23	**BCCL-24-1157 002**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	273.3039	254.9878	275.2096	256.8359
24	BCCL-24-1158 001	0.2411	0.2399	0.2599	0.2590	~~0.249~~	~~0.036~~	-3.55	-4.03	3.97	3.61	268.3399	250.7812	265.0467	247.7153
25	**New Blood QC A**	0.0790	0.0786	0.0820	0.0813	~~0.080~~	~~0.012~~	-1.53	-2.03	2.21	1.34	259.2049	241.8976	254.7381	237.7775
26	New Blood QC B	0.1953	0.1947	0.1925	0.1918	~~0.193~~	~~0.028~~	0.89	0.58	-0.56	-0.92	266.7027	248.9619	264.0181	246.3916

6/18/2024 mh

Sequence stopped at vial 20 due to a shutter error. The sequence was restarted by re-injecting vial 11 (blood QC A) as a bracketing control; the run was resumed with the case sample at vial 21 and ran to completion. All blood QC A samples failed to meet acceptance criteria therefore, all non-negative samples will be repeated. Okay to report negatives. -- 6/18/2024 mh

Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2024.07.03 13:24:47 -05'00'

New lots of Blood QC A and B will be repeated because bracketing controls failed to meet acceptance criteria. -- 6/19/2024 mh

Melissa Henry Digitally signed by Melissa Henry Date: 2024.06.20 11:29:16 -05'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC_20240617_MH Analyst: Melissa Henry Instrument: BAC-1

	Lot:	Expiration:	Inventory Number:
Cal 1	FN12272201	2/29/2028	S-23-5010H
Cal 2	FN03122112	3/31/2026	S-23-S002L
Cal 3	FN03172301	3/31/2028	S-23-S010B
Cal 4	FN03072301	3/31/2028	S-23-S011B
Cal 5	FN03132302	3/31/2028	S-23-S012A
Cal 6	FN03052102	3/31/2026	S-22-054H
Cal 7	FN06262004	7/31/2025	S-23-S014C
High QC	30012020-A	1/31/2025	S-23-S0060
Low QC	S17757	6/21/2025	S-24-S001B
Blood QC A	2101199	2/28/2025	S-22-031E
Blood QC B	2110181	3/31/2026	S-23-S000F
Internal Standard	N/A	9/13/2024	R-24-S001
Pipette(s)	S053, 205L		

Comments:

Verifying S-24-S002A (lot # 2401241 exp. 2/28/2028) and S-24-S003A (lot 2302120 exp. 5/31/2027) to extend opened expiration to 60 days. 6/17/2024 mh

29 6/20/2024 mh

mh

BCCL ANALYTICAL WORKLIST

ANALYST: Melissa Henry

BAC_20240617_MH

Worklist ID: M6TTW4G8NAD80V

Case #	Evid #	Evid Type	Service
BCCL-22-0830	001	Blood	Alcohol
BCCL-22-1018	001	Blood	Alcohol
BCCL-22-1556	001	Blood	Alcohol
BCCL-22-1711	001	Blood	Alcohol
BCCL-22-1715	001	Blood	Alcohol
BCCL-22-1725	001	Blood	Alcohol
BCCL-22-1778	001	Blood	Alcohol
BCCL-22-1834	001	Blood	Alcohol
BCCL-22-1839	001	Blood	Alcohol
BCCL-22-2005	001	Blood	Alcohol
BCCL-22-2243	001_001	Blood	Alcohol
BCCL-24-1107	001	Blood	Alcohol
BCCL-24-1121	001	Blood	Alcohol

Case # BAC_20240617_MH	Evid #	Evid Type	Service
BCCL-24-1122	001	Blood	Alcohol
BCCL-24-1129	001	Blood	Alcohol
BCCL-24-1145	005	Blood	Alcohol
BCCL-24-1151	001	Blood	Alcohol
BCCL-24-1152	001	Blood	Alcohol
BCCL-24-1153	001	Blood	Alcohol
BCCL-24-1154	001	Blood	Alcohol
BCCL-24-1155	001	Blood	Alcohol
BCCL-24-1156	001	Blood	Alcohol
BCCL-24-1157	002	Blood	Alcohol
BCCL-24-1158	001	Blood	Alcohol

Sequence: C:\CHEM32\1\SEQUENCE\2024\BAC_20240617_MH.S

SEQUENCE PARAMETERS

Sequence	: C:\CHEM32\1\SEQUENCE\2024\BAC_20240617_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

verified KB 6/17/2024

SEQUENCE TABLE:

==========

Line	: 1
Location	: 1
Sample Information	:
Sample Name	: 0.010 g/100mL Cal (24-1381)
Method Name	: BAC
Sample Type	: Calibration

Calibration Level : 1

==========

Line	: 2
Location	: 2
Sample Information	:
Sample Name	: 0.025 g/100mL Cal (24-1382)
Method Name	: BAC
Sample Type	: Calibration

Calibration Level : 2

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Line	: 3
Location	: 3
Sample Information	:
Sample Name	: 0.050 g/100mL Cal (24-1383)
Method Name	: BAC
Sample Type	: Calibration

Calibration Level : 3

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Line	: 4
Location	: 4
Sample Information	:
Sample Name	: 0.100 g/100mL Cal (24-1384)
Method Name	: BAC
Sample Type	: Calibration

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mh

Calibration Level : 4

Line : 5
Location : 5
Sample Information :
Sample Name : 0.200 g/100mL Cal (24-1385)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 5

Line : 6
Location : 6
Sample Information :
Sample Name : 0.400 g/100mL Cal (24-1386)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 6

Line : 7
Location : 7
Sample Information :
Sample Name : 0.500 g/100mL Cal (24-1387)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 7

Line : 8
Location : 8
Sample Information :
Sample Name : Negative (24-1388)
Method Name : BAC
Sample Type : Sample

Line : 9
Location : 9
Sample Information :
Sample Name : High QC (24-1389)
Method Name : BAC
Sample Type : Sample

Line : 10
Location : 10
Sample Information :

mh

Sequence: C:\CHEM32\1\SEQUENCE\2024\BAC_20240617_MH.S

Sample Name : Low QC (24-1390)
Method Name : BAC
Sample Type : Sample

Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (24-1391)
Method Name : BAC
Sample Type : Sample

sequence started at vial 11 followed by vial 21 thru completion.

Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-22-0830 001 (24-1392)
Method Name : BAC
Sample Type : Sample

Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-22-1018 001 (24-1393)
Method Name : BAC
Sample Type : Sample

Line : 14
Location : 14
Sample Information : Alq 1
Sample Name : BCCL-22-1556 001 (24-1394)
Method Name : BAC
Sample Type : Sample

Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-22-1711 001 (24-1395)
Method Name : BAC
Sample Type : Sample

Line : 16
Location : 16
Sample Information : Alq 1

mh

Sequence: C:\CHEM32\1\SEQUENCE\2024\BAC_20240617_MH.S

Sample Name : BCCL-22-1715 001 (24-1396)
Method Name : BAC
Sample Type : Sample

Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-22-1725 001 (24-1397)
Method Name : BAC
Sample Type : Sample

Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-22-1778 001 (24-1398)
Method Name : BAC
Sample Type : Sample

Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-22-1834 001 (24-1399)
Method Name : BAC
Sample Type : Sample

Line : 20
Location : 20
Sample Information : Alq 1
Sample Name : BCCL-22-1839 001 (24-1400)
Method Name : BAC
Sample Type : Sample

sequence aborted on vial 20 due to shutter error.

Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-22-2005 001 (24-1401)
Method Name : BAC
Sample Type : Sample

Line : 22
Location : 22
Sample Information :

Sample Name : Blood QC B (24-1402)
Method Name : BAC
Sample Type : Sample

Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-22-2243 001_001 (24-1403)
Method Name : BAC
Sample Type : Sample

Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-24-1107 001 (24-1404)
Method Name : BAC
Sample Type : Sample

Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-24-1121 001 (24-1405)
Method Name : BAC
Sample Type : Sample

Line : 26
Location : 26
Sample Information : Alq 1
Sample Name : BCCL-24-1122 001 (24-1406)
Method Name : BAC
Sample Type : Sample

Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-24-1129 001 (24-1407)
Method Name : BAC
Sample Type : Sample

Line : 28
Location : 28
Sample Information : Alq 1

Sample Name : BCCL-24-1145 005 (24-1408)
Method Name : BAC
Sample Type : Sample

Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-24-1151 001 (24-1409)
Method Name : BAC
Sample Type : Sample

Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-24-1152 001 (24-1410)
Method Name : BAC
Sample Type : Sample

Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-24-1153 001 (24-1411)
Method Name : BAC
Sample Type : Sample

Line : 32
Location : 32
Sample Information : Alq 1
Sample Name : BCCL-24-1154 001 (24-1412)
Method Name : BAC
Sample Type : Sample

Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (24-1413)
Method Name : BAC
Sample Type : Sample

Line : 34
Location : 34
Sample Information : Alq 1

Sample Name : BCCL-24-1155 001 (24-1414)
Method Name : BAC
Sample Type : Sample

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Line : 35
Location : 35
Sample Information : Alq 1
Sample Name : BCCL-24-1156 001 (24-1415)
Method Name : BAC
Sample Type : Sample

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Line : 36
Location : 36
Sample Information : Alq 1
Sample Name : BCCL-24-1157 002 (24-1416)
Method Name : BAC
Sample Type : Sample

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Line : 37
Location : 37
Sample Information : Alq 1
Sample Name : BCCL-24-1158 001 (24-1417)
Method Name : BAC
Sample Type : Sample

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Line : 38
Location : 38
Sample Information : Alq 1
Sample Name : New Blood QC A (24-1418)
Method Name : BAC
Sample Type : Sample

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Line : 39
Location : 39
Sample Information : Alq 1
Sample Name : New Blood QC B (24-1419)
Method Name : BAC
Sample Type : Sample

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Line : 40
Location : 40
Sample Information :

mh

Sample Name : Blood QC B (24-1420)
Method Name : BAC
Sample Type : Sample

Line : 41
Location : 41
Sample Information : Alq 2
Sample Name : New Blood QC B (24-1421)
Method Name : BAC
Sample Type : Sample

Line : 42
Location : 42
Sample Information : Alq 2
Sample Name : New Blood QC A (24-1422)
Method Name : BAC
Sample Type : Sample

Line : 43
Location : 43
Sample Information : Alq 2
Sample Name : BCCL-24-1158 001 (24-1423)
Method Name : BAC
Sample Type : Sample

Line : 44
Location : 44
Sample Information : Alq 2
Sample Name : BCCL-24-1157 002 (24-1424
Method Name : BAC
Sample Type : Sample

Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-24-1156 001 (24-1425)
Method Name : BAC
Sample Type : Sample

Line : 46
Location : 46
Sample Information : Alq 2

mh

Sample Name : BCCL-24-1155 001 (24-1426)
Method Name : BAC
Sample Type : Sample

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-24-1154 001 (24-1427)
Method Name : BAC
Sample Type : Sample

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-24-1153 001 (24-1428)
Method Name : BAC
Sample Type : Sample

Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-24-1152 001 (24-1429)
Method Name : BAC
Sample Type : Sample

Line : 50
Location : 50
Sample Information : Alq 2
Sample Name : BCCL-24-1151 001 (24-1430)
Method Name : BAC
Sample Type : Sample

Line : 51
Location : 51
Sample Information :
Sample Name : Blood QC A (24-1431)
Method Name : BAC
Sample Type : Sample

Line : 52
Location : 52
Sample Information : Alq 2

mh

Sample Name : BCCL-24-1145 005 (24-1432)
Method Name : BAC
Sample Type : Sample

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-24-1129 001 (24-1433)
Method Name : BAC
Sample Type : Sample

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-24-1122 001 (24-1434)
Method Name : BAC
Sample Type : Sample

Line : 55
Location : 55
Sample Information : Alq 2
Sample Name : BCCL-24-1121 001 (24-1435)
Method Name : BAC
Sample Type : Sample

Line : 56
Location : 56
Sample Information : Alq 2
Sample Name : BCCL-24-1107 001 (24-1436)
Method Name : BAC
Sample Type : Sample

Line : 57
Location : 57
Sample Information : Alq 2
Sample Name : BCCL-22-2243 001_001 (24-1437)
Method Name : BAC
Sample Type : Sample

Line : 58
Location : 58
Sample Information : Alq 2

Sequence: C:\CHEM32\1\SEQUENCE\2024\BAC_20240617_MH.S

Sample Name : BCCL-22-2005 001 (24-1438)
Method Name : BAC
Sample Type : Sample

==========

Line : 59
Location : 59
Sample Information : Alq 2
Sample Name : BCCL-22-1839 001 (24-1439)
Method Name : BAC
Sample Type : Sample

==========

Line : 60
Location : 60
Sample Information : Alq 2
Sample Name : BCCL-22-1834 001 (24-1440)
Method Name : BAC
Sample Type : Sample

==========

Line : 61
Location : 61
Sample Information : Alq 2
Sample Name : BCCL-22-1778 001 (24-1441)
Method Name : BAC
Sample Type : Sample

==========

Line : 62
Location : 62
Sample Information :
Sample Name : Blood QC B (24-1442)
Method Name : BAC
Sample Type : Sample

==========

Line : 63
Location : 63
Sample Information : Alq 2
Sample Name : BCCL-22-1725 001 (24-1443)
Method Name : BAC
Sample Type : Sample

==========

Line : 64
Location : 64
Sample Information : Alq 2

mh

Sample Name : BCCL-22-1715 001 (24-1444)
Method Name : BAC
Sample Type : Sample

Line : 65
Location : 65
Sample Information : Alq 2
Sample Name : BCCL-22-1711 001 (24-1445)
Method Name : BAC
Sample Type : Sample

Line : 66
Location : 66
Sample Information : Alq 2
Sample Name : BCCL-22-1556 001 (24-1446)
Method Name : BAC
Sample Type : Sample

Line : 67
Location : 67
Sample Information : Alq 2
Sample Name : BCCL-22-1018 001 (24-1447)
Method Name : BAC
Sample Type : Sample

Line : 68
Location : 68
Sample Information : Alq 2
Sample Name : BCCL-22-0830 001 (24-1448)
Method Name : BAC
Sample Type : Sample

Line : 69
Location : 69
Sample Information :
Sample Name : Blood QC A (24-1449)
Method Name : BAC
Sample Type : Sample

Line : 70
Location : 70
Sample Information :

mh

Sequence: C:\CHEM32\1\SEQUENCE\2024\BAC_20240617_MH.S

Sample Name : High QC (24-1450)
Method Name : BAC
Sample Type : Sample

==========

Line : 71
Location : 71
Sample Information :
Sample Name : Low QC (24-1451)
Method Name : BAC
Sample Type : Sample

==========

Line : 72
Location : 72
Sample Information :
Sample Name : DI Water (24-1452)
Method Name : BAC
Sample Type : Sample

==========

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

Method Information

Method: C:\Chem32\1\Methods\BAC.M
Modified: 2/14/2024 at 8:32:23 AM

Run Time Checklist

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

Injection Source and Location

Injection Source:	HS 10.11.30.56
Injection Location:	GC Front

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

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Agilent 7697A

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Agilent 7697A
Instrument Info

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

Instrument Settings

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

System Configuration

Carrier Control:	GC Instrument

Resource Conservation

Vial Standby Flow (mL/min):	20

Temperature Settings:

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

Timing Settings:

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

Vial and Loop Settings:

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

Carrier Settings:

Carrier Control Mode:	GC controls Carrier

Advanced Settings:

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

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

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Agilent 7890A

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GC
GC Summary

Run Time	4 min
Post Run Time	0 min

Oven

Equilibration Time	3 min
Max Temperature	260 °C
Maximum Temperature Override	Disabled
Slow Fan	Disabled
Temperature	
Setpoint	On
(Initial)	40 °C
Hold Time	4 min
Post Run	50 °C

Front SS Inlet He

Mode	Split
Heater	On 110 °C
Pressure	On 24 psi
Total Flow	On 79.947 mL/min
Septum Purge Flow	On 3 mL/min
Gas Saver	Off
Split Ratio	10 :1
Split Flow	69.952 mL/min

Column

Column Outlet Pressure	0 psi
Column #1	
Column Information	Agilent 123-9134
DB-ALC1	
Temperature Range	-60 °C—260 °C (260 °C)
Dimensions	30 m x 320 µm x 1.8 µm
In	Front SS Inlet He
Out	Front Detector FID
(Initial)	40 °C
Pressure	24 psi
Flow	6.9952 mL/min
Average Velocity	80.325 cm/sec
Holdup Time	0.62247 min
Pressure	
Setpoint	On
(Initial)	24 psi
Post Run	9.4366 psi

Column #2

Column Information	Agilent 123-9234
DB-ALC2	
Temperature Range	-60 °C—260 °C (260 °C)

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

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

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

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

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

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

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

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

Signals

Signal #1: Front Signal	
Description	Front Signal
Details	Front Signal (FID)
Save	On
Data Rate	20 Hz
Signal #2: Back Signal	
Description	Back Signal
Details	Back Signal (FID)
Save	On
Data Rate	20 Hz
Signal #3: Test Plot	
Description	Test Plot
Details	
Save	Off
Data Rate	50 Hz
Signal #4: Test Plot	
Description	Test Plot
Details	
Save	Off
Data Rate	50 Hz

The Data Analysis Parameters of the used Method are :

Integration Events

Non signal specific Integration Events

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

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

Default Integration Event Table "Event"

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

Detector Default Integration Event Table "Event_ADC"

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

Detector Default Integration Event Table "Event_TCD"

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

Detector Default Integration Event Table "Event_ECD"

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

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

Detector Default Integration Event Table "Event_NPD"

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

Detector Default Integration Event Table "Event_FPD"

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

Detector Default Integration Event Table "Event_uECD"

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

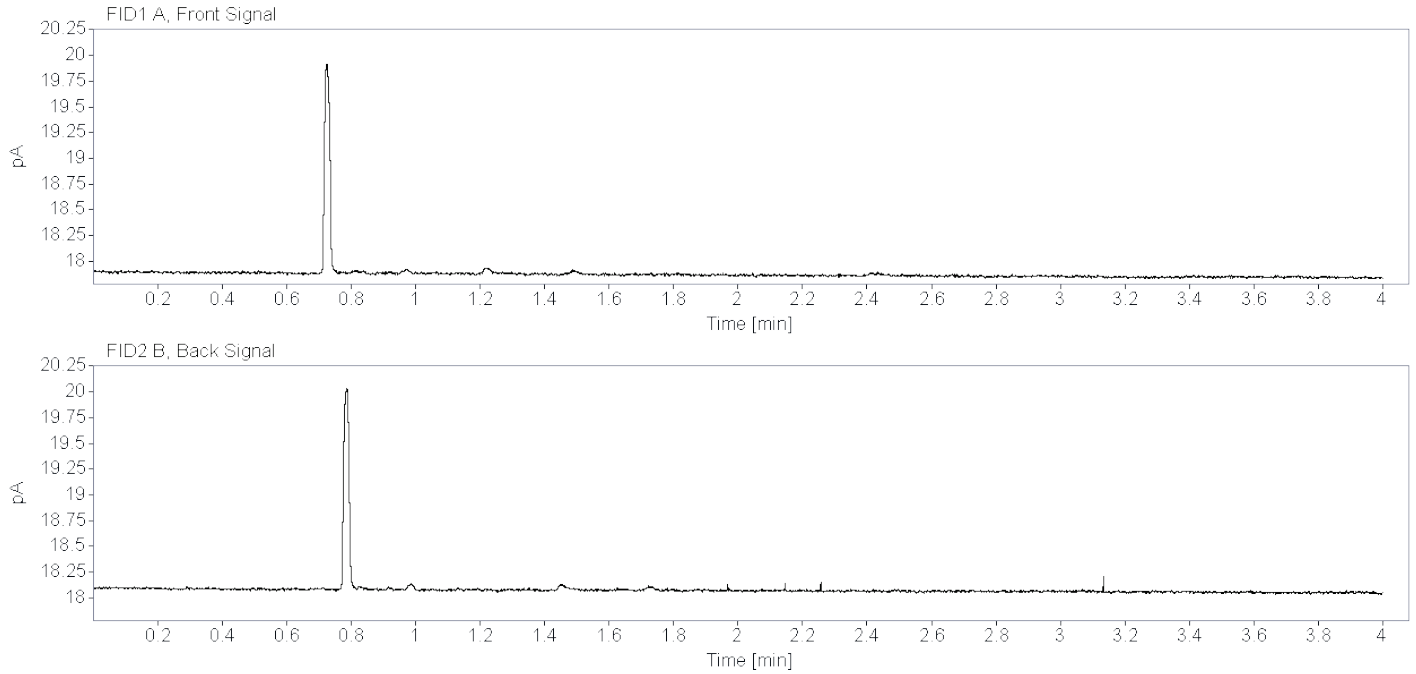
Detector Default Integration Event Table "Event_FID"

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

Apply Method's Manual Integration Events: No

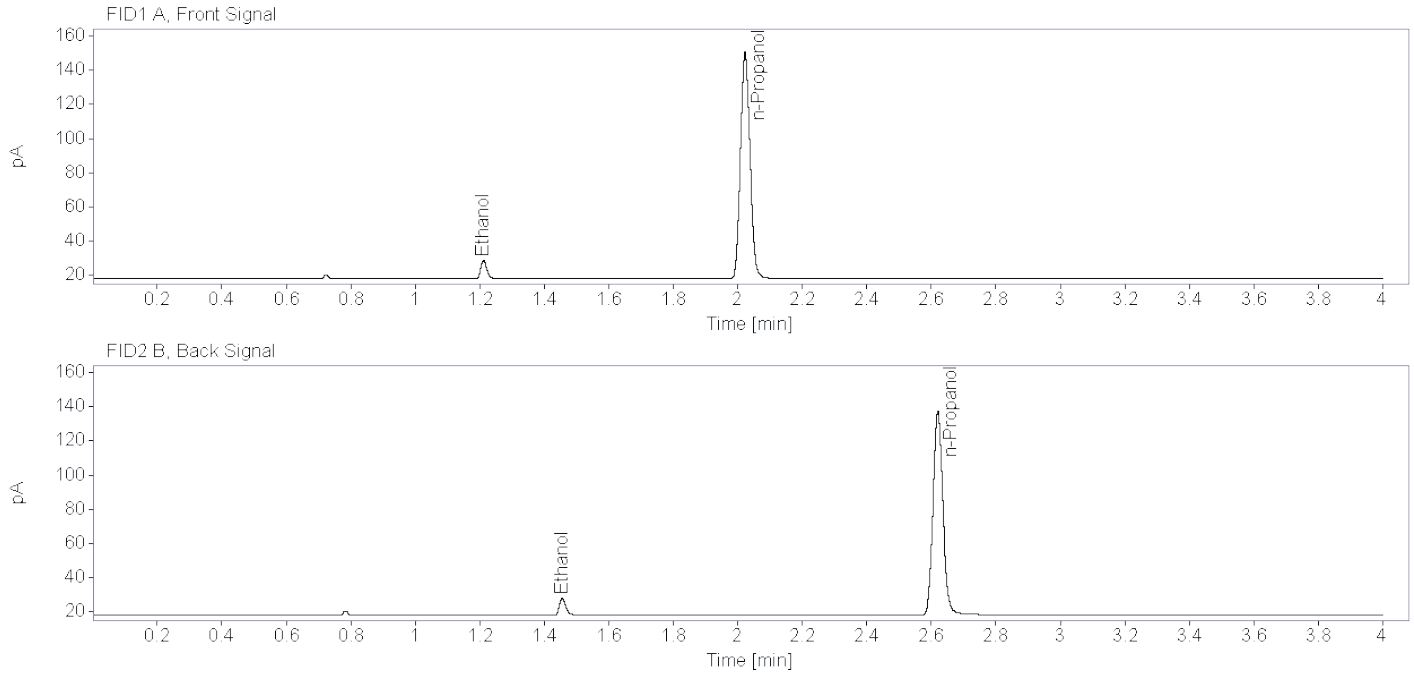
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 9:05:21 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240617PC_MH 2024-06-17 08-55-24\001F0101.D



Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: PC **Description:** **Sample Barcode** **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 9:10:04 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240617PC_MH 2024-06-17 08-55-24\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81198	1.212	1.210	14.4485	0.0108
n-Propanol	0.87599	2.023	2.024	272.4862	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78310	1.456	1.454	13.3776	0.0107
n-Propanol	0.90587	2.620	2.621	252.2193	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 6/18/2024 10:55:20 AM
Signals calculated separately : No

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

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

Recalibration Settings:
Average Response : Average all calibrations
Average Retention Time: Floating Average New 75%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Sample ISTD Information:

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

Signal Details

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

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD	#	Compound
1.209	1	1	1.00000e-2	14.28449	7.00060e-4	No	No	1	Ethanol
		2	2.50000e-2	35.87080	6.96946e-4				
		3	5.00000e-2	72.93612	6.85531e-4				
		4	1.00000e-1	148.52454	6.73289e-4				
		5	2.00000e-1	295.85910	6.75997e-4				
		6	4.00000e-1	600.38385	6.66240e-4				
		7	5.00000e-1	754.94543	6.62300e-4				
1.454	2	1	1.00000e-2	13.29973	7.51895e-4	No	No	2	Ethanol
		2	2.50000e-2	33.32436	7.50202e-4				
		3	5.00000e-2	68.46516	7.30298e-4				
		4	1.00000e-1	139.37976	7.17464e-4				
		5	2.00000e-1	278.93570	7.17011e-4				
		6	4.00000e-1	567.79388	7.04481e-4				
		7	5.00000e-1	714.65015	6.99643e-4				
2.023	1	1	1.00000e-2	268.34421	3.72656e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	270.20419	3.70090e-5				
		3	1.00000e-2	269.15457	3.71534e-5				
		4	1.00000e-2	277.72339	3.60071e-5				
		5	1.00000e-2	270.04947	3.70303e-5				
		6	1.00000e-2	268.78351	3.72047e-5				
		7	1.00000e-2	273.20862	3.66021e-5				
2.621	2	1	1.00000e-2	249.78502	4.00344e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	251.26079	3.97993e-5				
		3	1.00000e-2	250.21181	3.99661e-5				
		4	1.00000e-2	258.14648	3.87377e-5				
		5	1.00000e-2	251.24074	3.98025e-5				
		6	1.00000e-2	250.04570	3.99927e-5				
		7	1.00000e-2	254.30916	3.93222e-5				

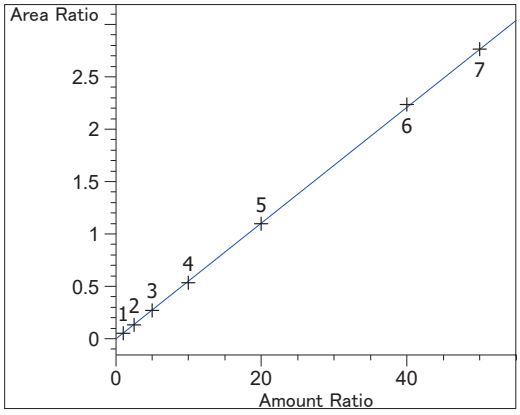
Peak Sum Table

No Entries in table

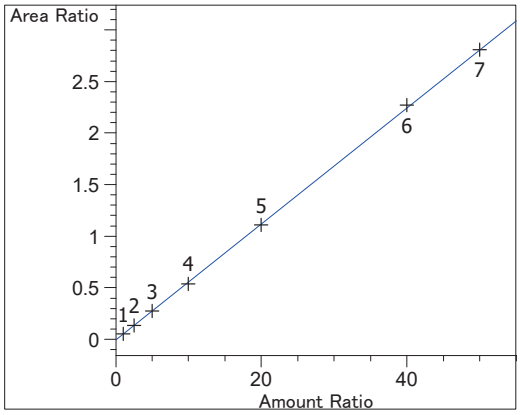
1 Warnings or Errors :

Warning : Curve requires more calibration points., (n-Propanol)

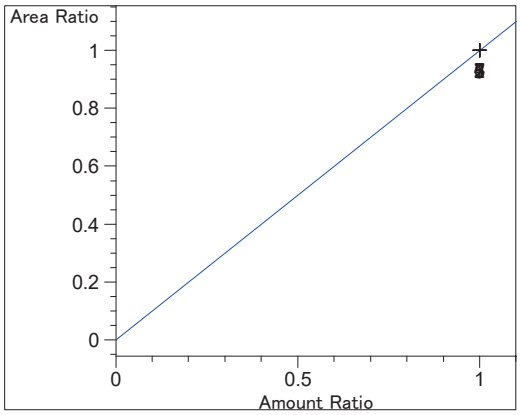
Calibration Curves



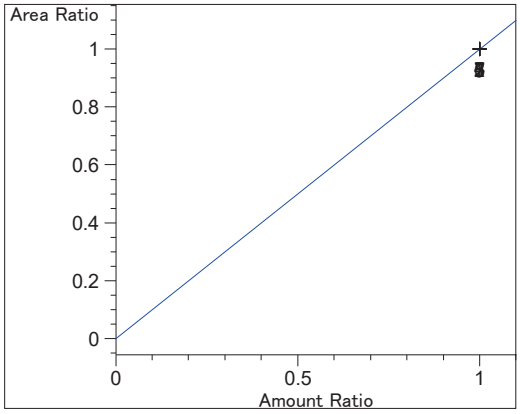
Ethanol at exp. RT: 1.209
FID1 A, Front Signal
Correlation: 0.99993
Residual Std. Dev.: 0.01294
Formula: y = mx + b
m: 5.53550e-2
b: -4.23137e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.400981
Level 3 : 0.196441
Level 4 : 0.099537
Level 5 : 0.048588
Level 6 : 0.023831
Level 7 : 0.019264



Ethanol at exp. RT: 1.454
FID2 B, Back Signal
Correlation: 0.99990
Residual Std. Dev.: 0.01465
Formula: y = mx + b
m: 5.62629e-2
b: -5.75823e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.401457
Level 3 : 0.194587
Level 4 : 0.098615
Level 5 : 0.047958
Level 6 : 0.023448
Level 7 : 0.018947



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

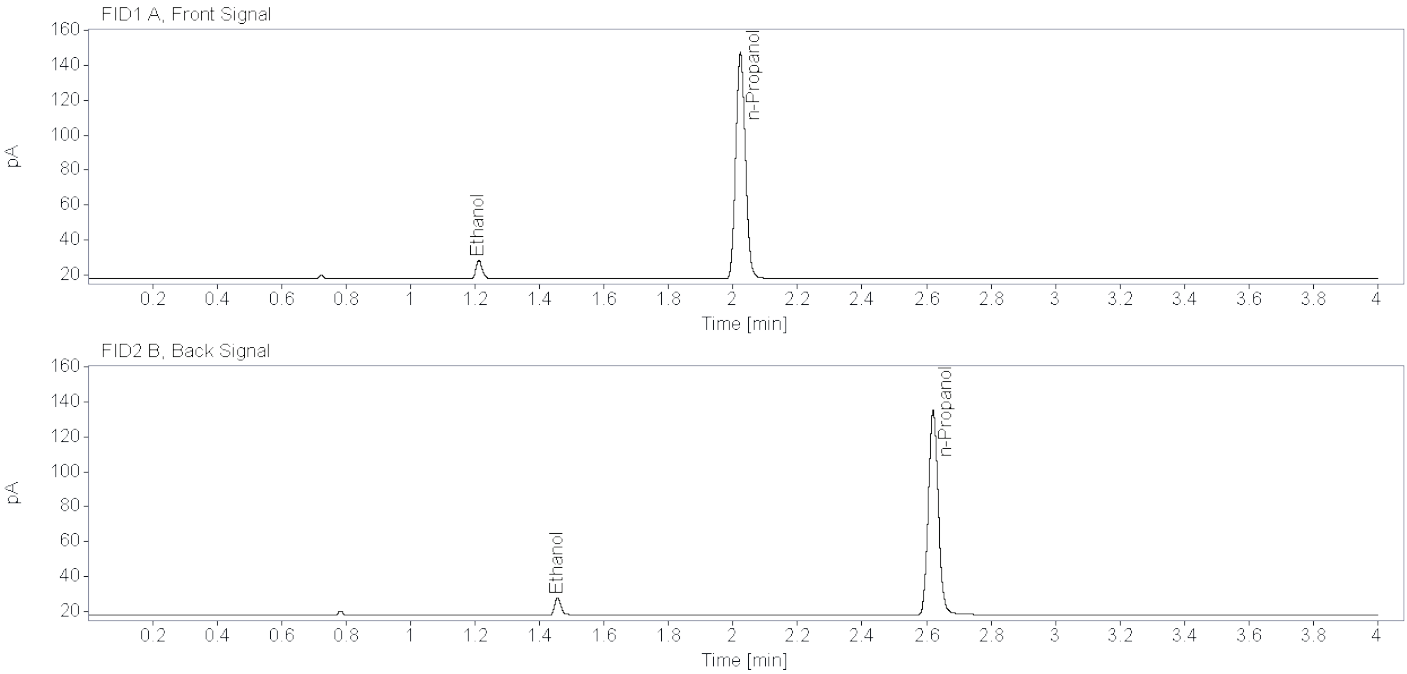


n-Propanol at exp. RT: 2.621
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

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Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (24-1381) **Description:** **Sample Barcode** 24-1381 **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 12:09:59 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\001F0101.D



Name FID1A

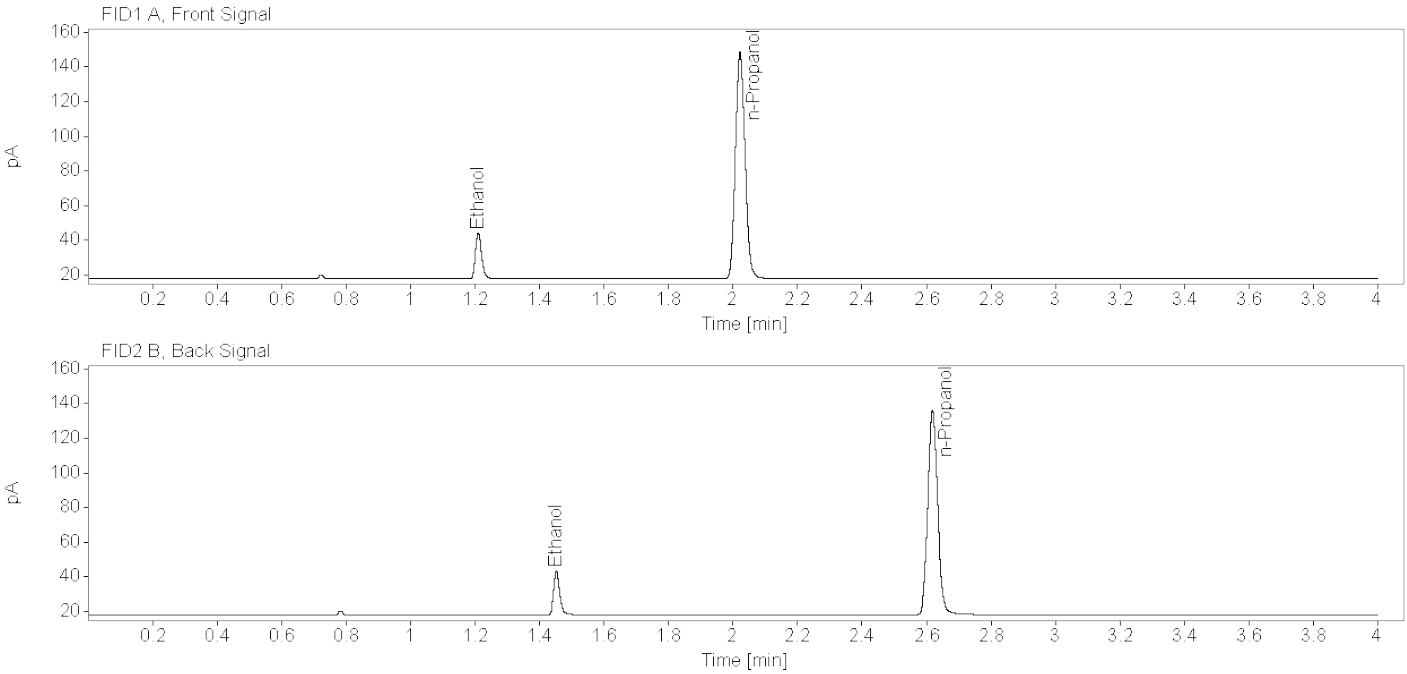
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78883	1.212	1.212	14.2845	0.0104
n-Propanol	0.87734	2.023	2.023	268.3442	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75829	1.456	1.456	13.2997	0.0105
n-Propanol	0.91243	2.621	2.621	249.7850	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (24-1382) **Description:** **Sample Barcode** 24-1382 **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 12:14:42 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\002F0201.D



Name FID1A

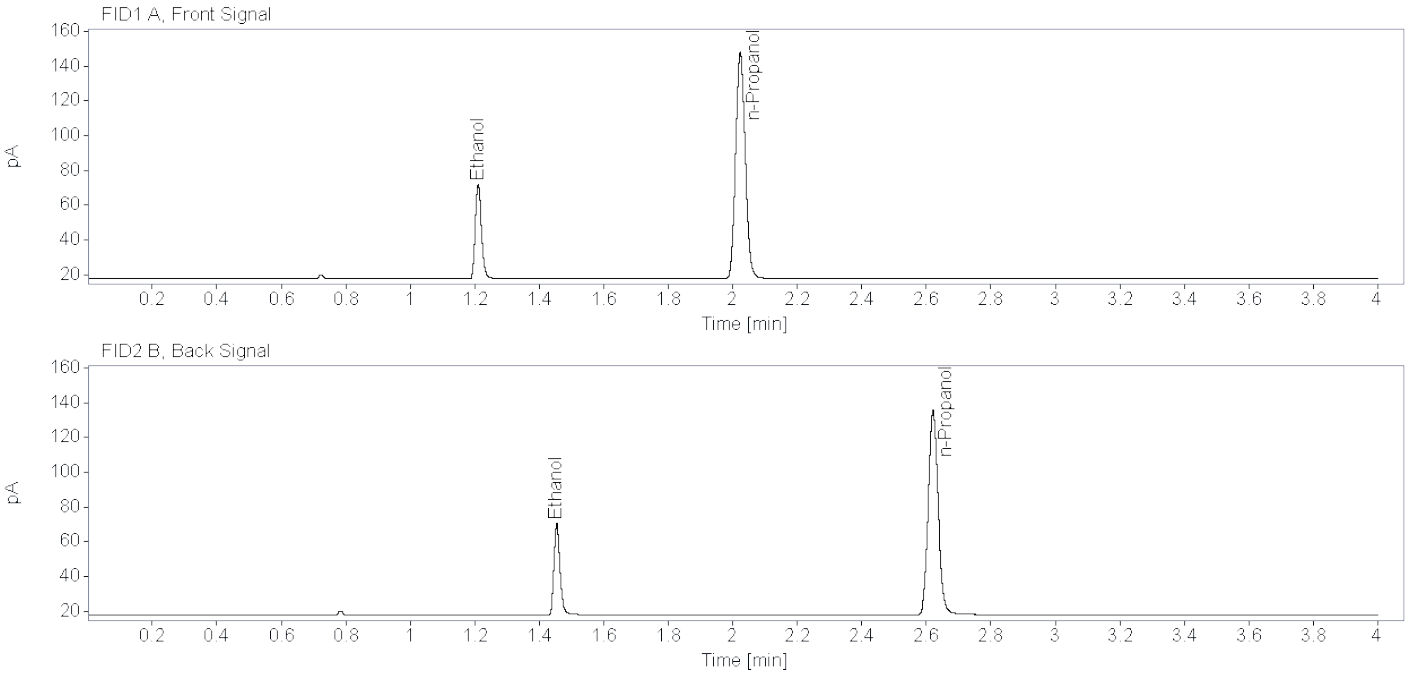
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80154	1.210	1.210	35.8708	0.0247
n-Propanol	0.87483	2.022	2.022	270.2042	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76420	1.453	1.453	33.3244	0.0246
n-Propanol	0.90587	2.619	2.619	251.2608	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (24-1383) **Description:** **Sample Barcode** 24-1383 **Vial Number:** 3
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 12:20:23 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\003F0301.D



Name FID1A

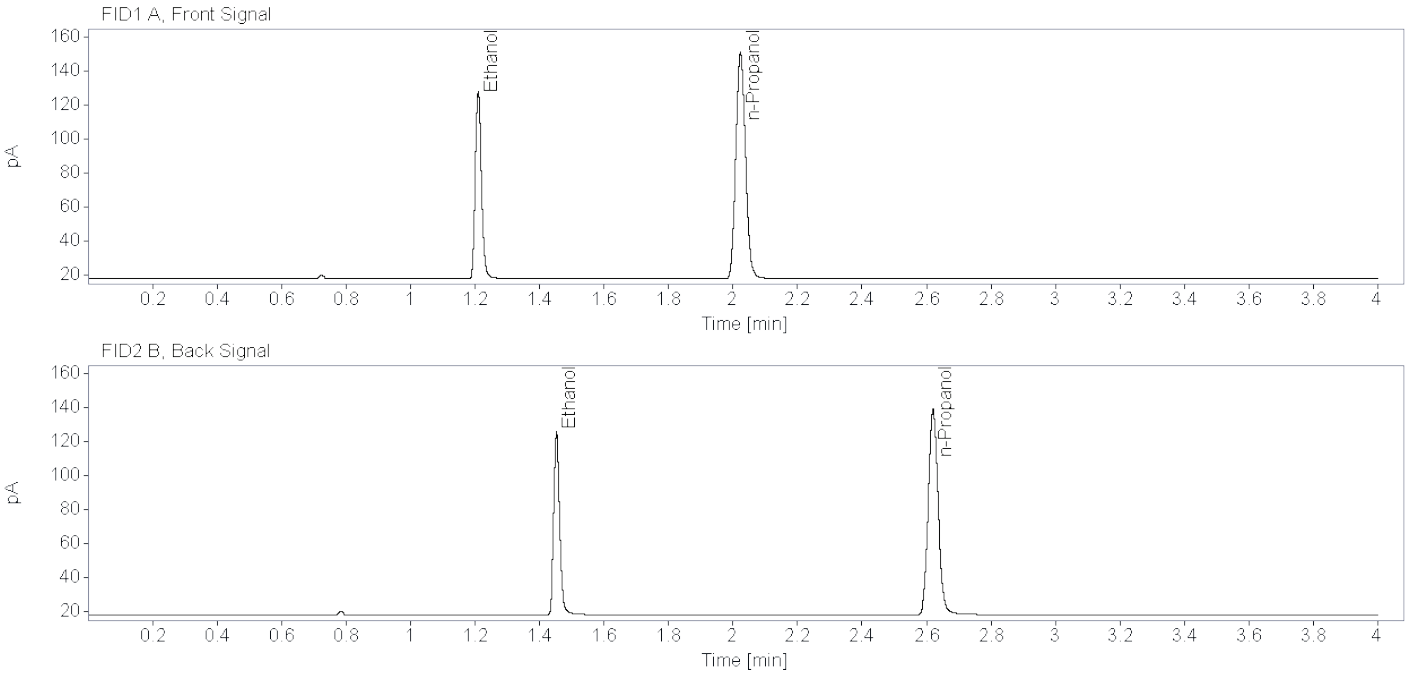
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81644	1.211	1.211	72.9361	0.0497
n-Propanol	0.87181	2.023	2.023	269.1546	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80134	1.454	1.454	68.4652	0.0497
n-Propanol	0.90279	2.621	2.621	250.2118	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (24-1384) **Description:** **Sample Barcode** 24-1384 **Vial Number:** 4
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 12:25:06 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\004F0401.D



Name FID1A

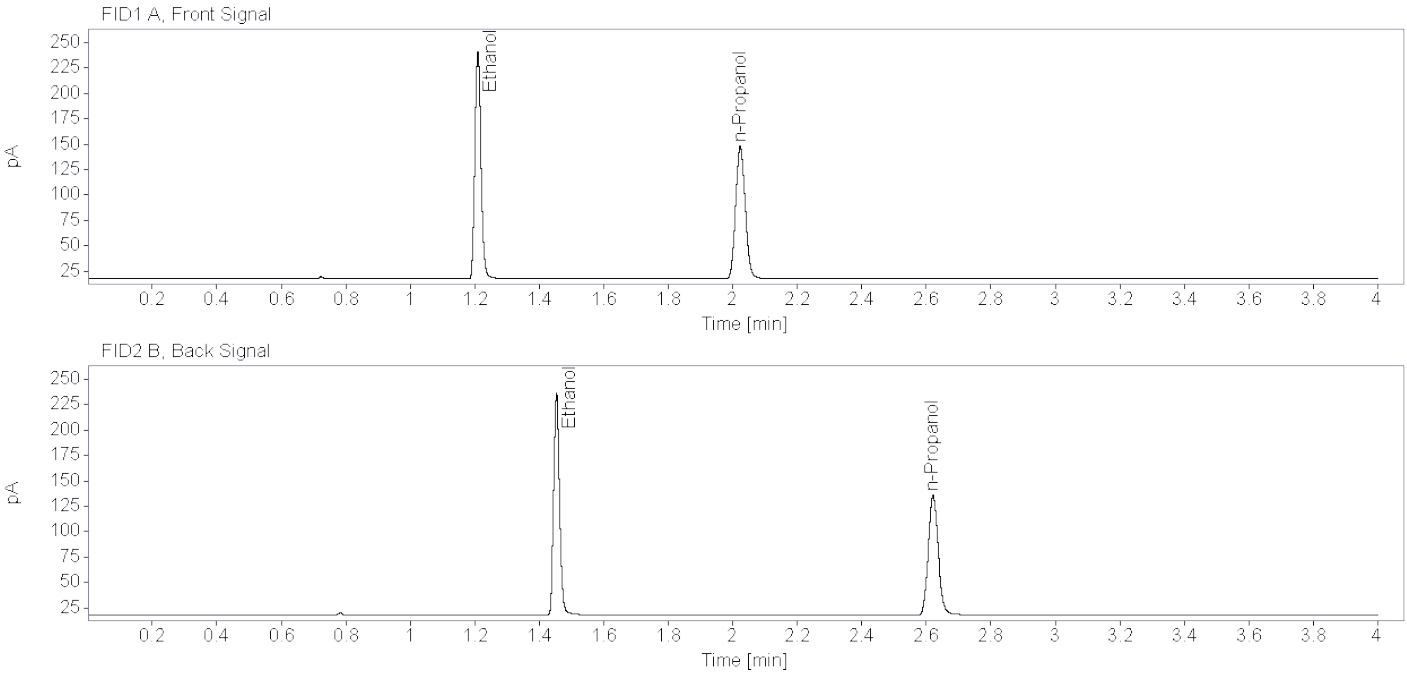
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83158	1.210	1.210	148.5245	0.0974
n-Propanol	0.87633	2.023	2.023	277.7234	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81080	1.453	1.453	139.3798	0.0970
n-Propanol	0.90324	2.620	2.620	258.1465	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (24-1385) **Description:** **Sample Barcode** 24-1385 **Vial Number:** 5
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 12:30:47 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\005F0501.D



Name FID1A

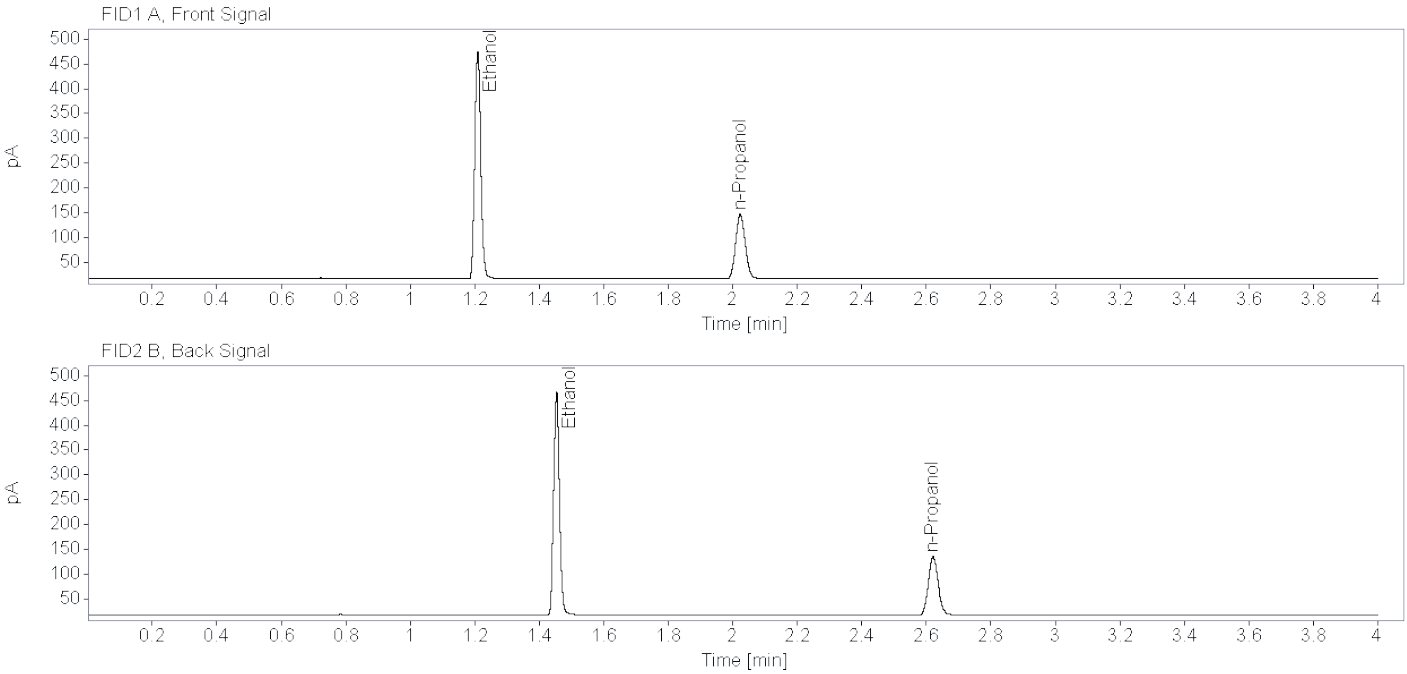
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84800	1.210	1.210	295.8591	0.1987
n-Propanol	0.86383	2.023	2.023	270.0495	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85110	1.454	1.454	278.9357	0.1984
n-Propanol	0.90724	2.621	2.621	251.2407	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (24-1386) **Description:** **Sample Barcode** 24-1386 **Vial Number:** 6
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 12:35:30 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\006F0601.D



Name FID1A

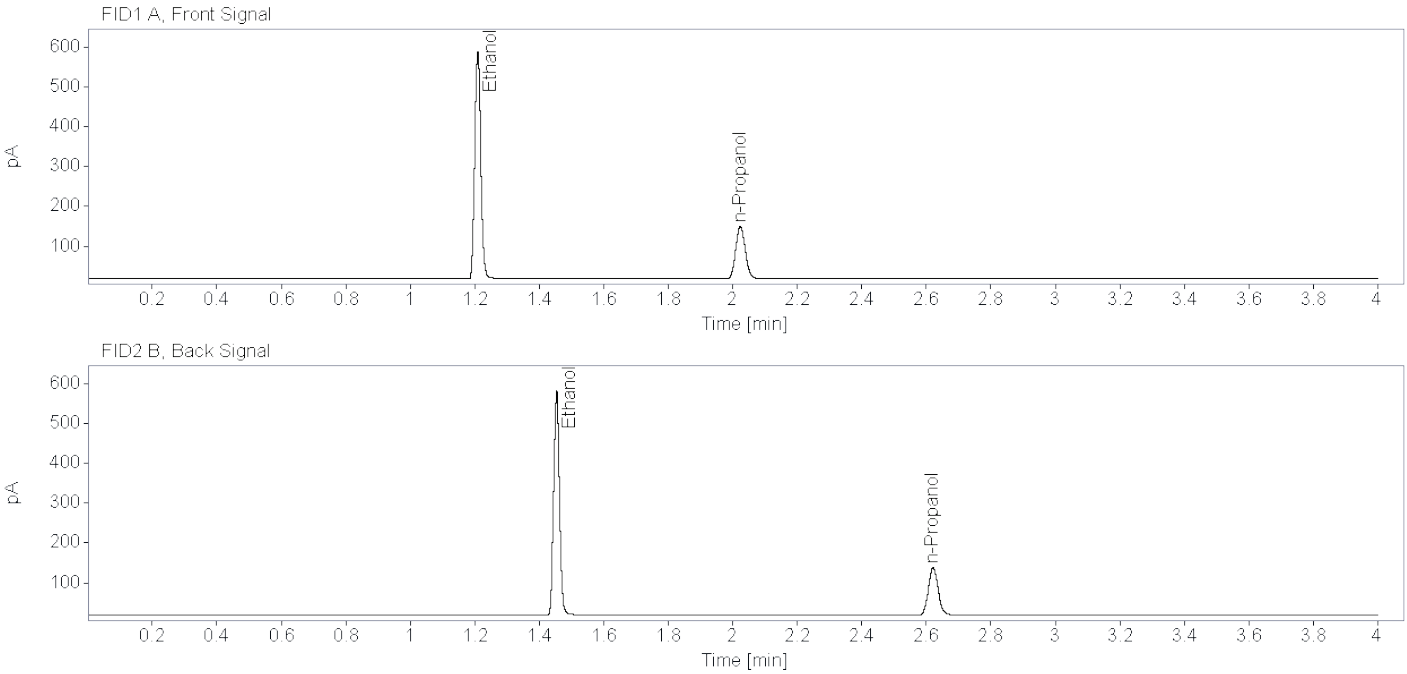
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88977	1.209	1.209	600.3839	0.4043
n-Propanol	0.87090	2.023	2.023	268.7835	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.91018	1.454	1.454	567.7939	0.4046
n-Propanol	0.90636	2.621	2.621	250.0457	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (24-1387) **Description:** **Sample Barcode** 24-1387 **Vial Number:** 7
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 12:41:11 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\007F0701.D



Name FID1A

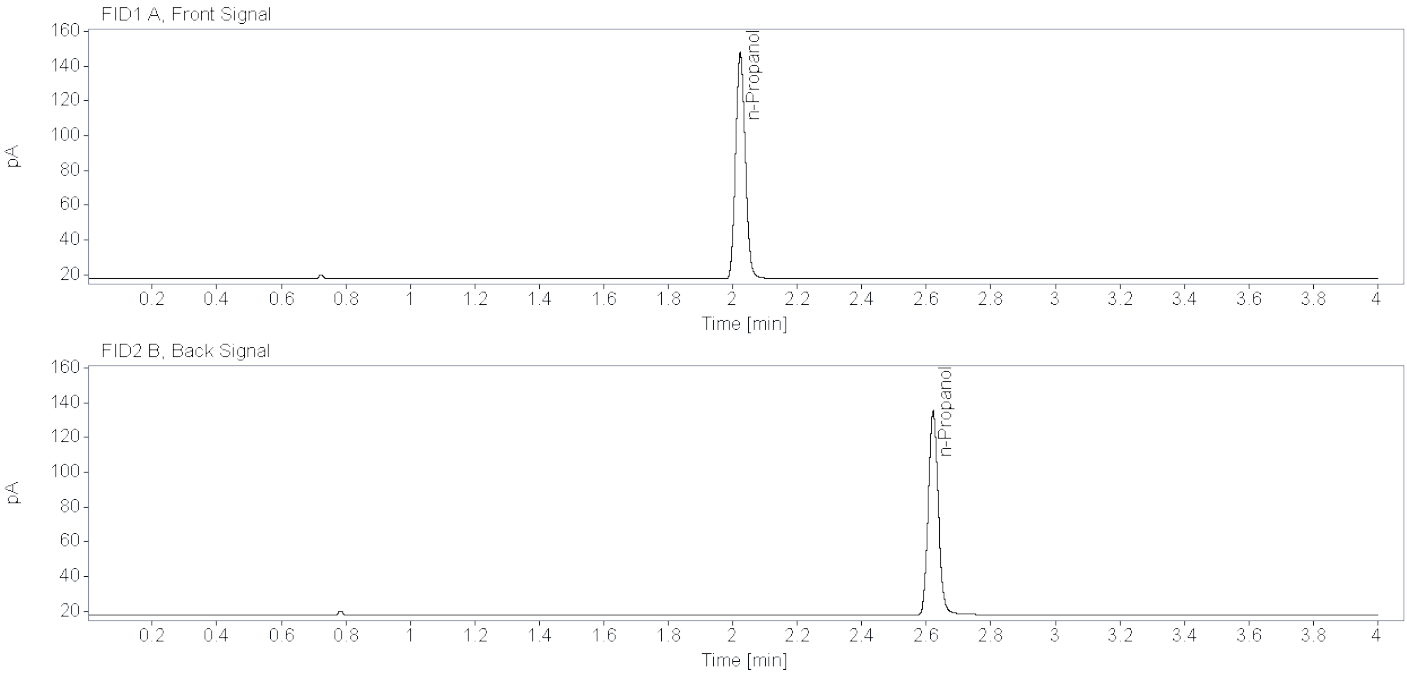
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.90307	1.209	1.209	754.9454	0.5000
n-Propanol	0.87268	2.023	2.023	273.2086	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.93755	1.454	1.454	714.6501	0.5005
n-Propanol	0.91194	2.621	2.621	254.3092	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (24-1388) **Description:** **Sample Barcode** 24-1388 **Vial Number:** 8
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 12:45:54 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\008F0801.D



Name FID1A

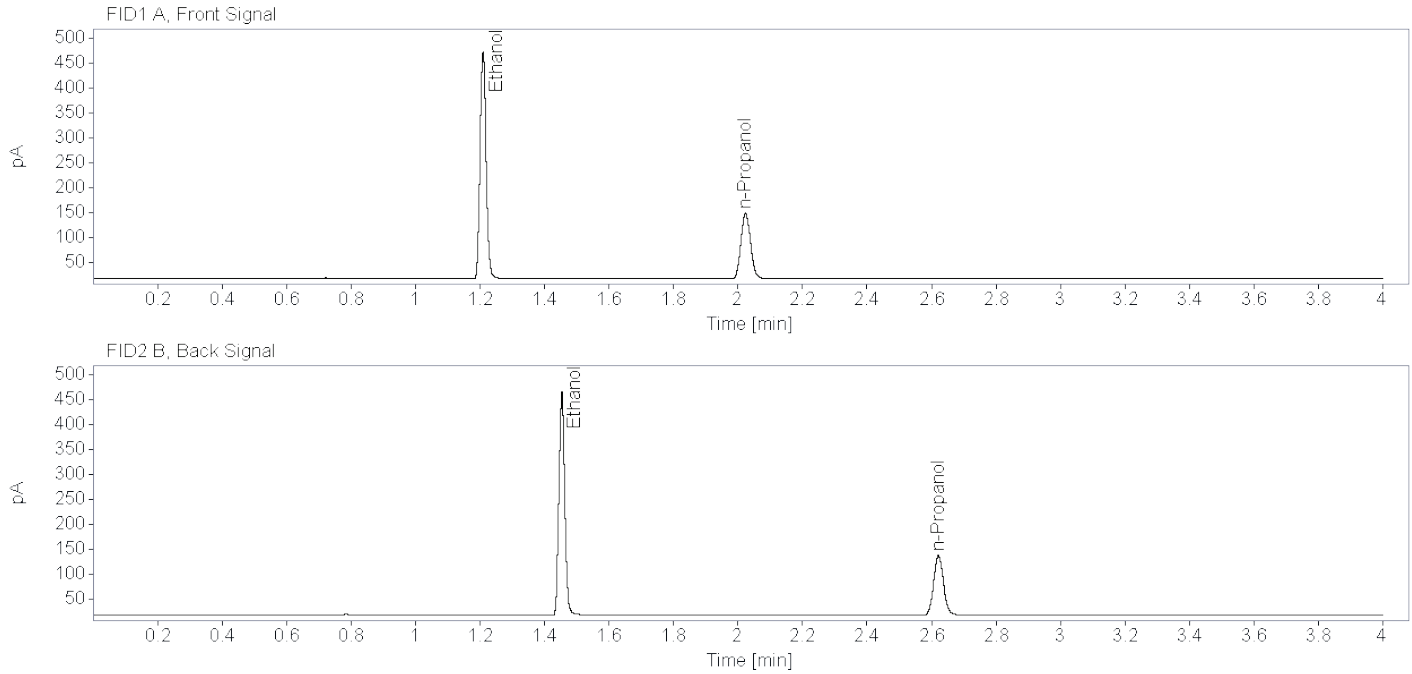
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86475	2.023	2.023	269.7915	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90922	2.621	2.621	250.7257	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-1389) **Description:** **Sample Barcode** 24-1389 **Vial Number:** 9
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 12:51:35 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\009F0901.D



Name FID1A

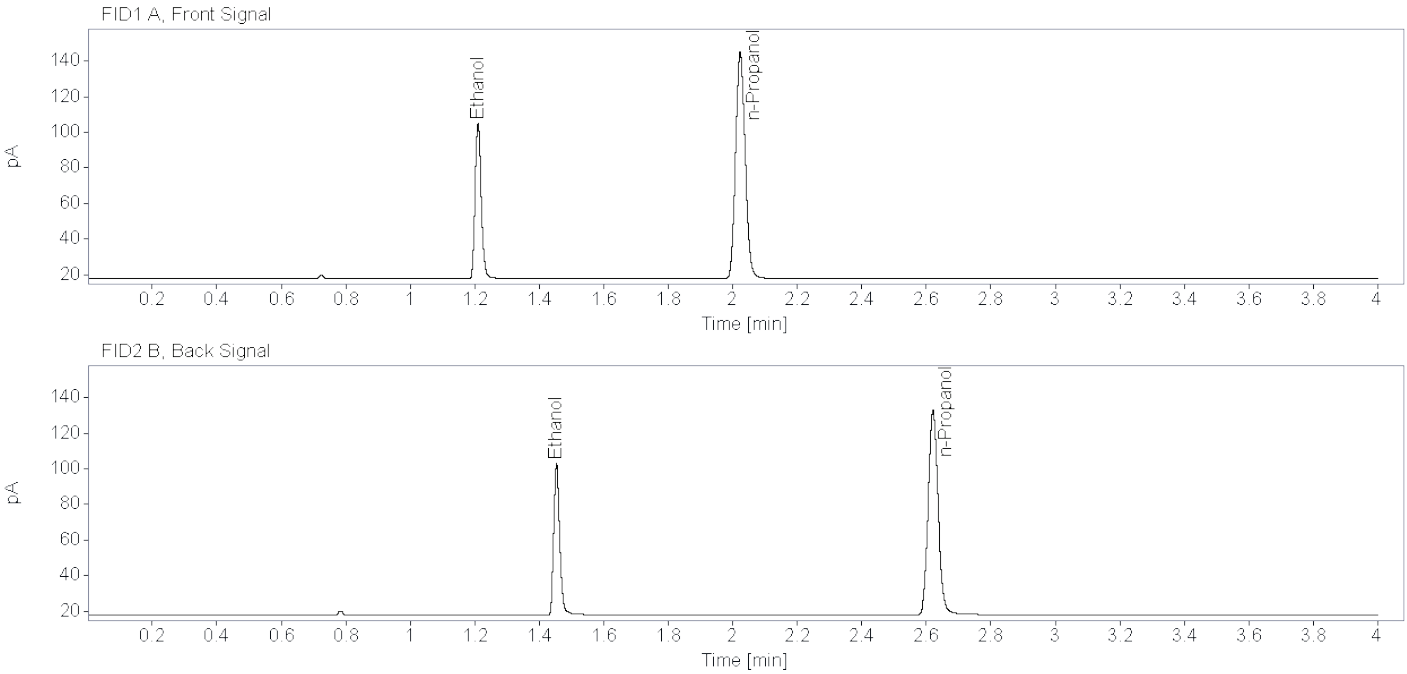
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88033	1.209	1.209	602.5111	0.3973
n-Propanol	0.87389	2.023	2.023	274.4763	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.91765	1.454	1.454	570.1508	0.3975
n-Propanol	0.89829	2.621	2.621	255.5675	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-1390) **Description:** **Sample Barcode** 24-1390 **Vial Number:** 10
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 12:56:18 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\010F1001.D



Name FID1A

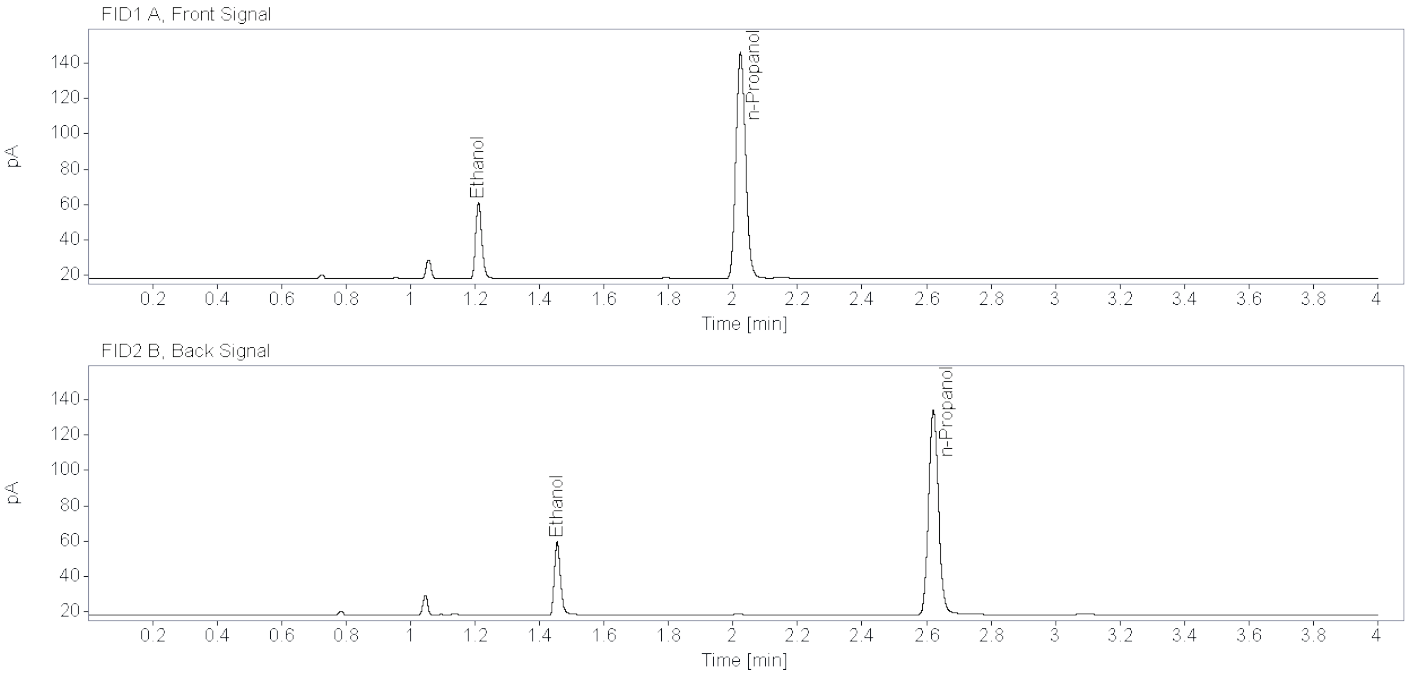
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81503	1.210	1.209	116.1547	0.0807
n-Propanol	0.86110	2.023	2.023	262.6422	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79860	1.454	1.454	109.3058	0.0805
n-Propanol	0.90370	2.621	2.621	244.3071	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1391) **Description:** **Sample Barcode** 24-1391 **Vial Number:** 11
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 1:01:58 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\011F1101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82339	1.211	1.209	58.5256	0.0406
n-Propanol	0.87182	2.023	2.023	265.3513	0.0100

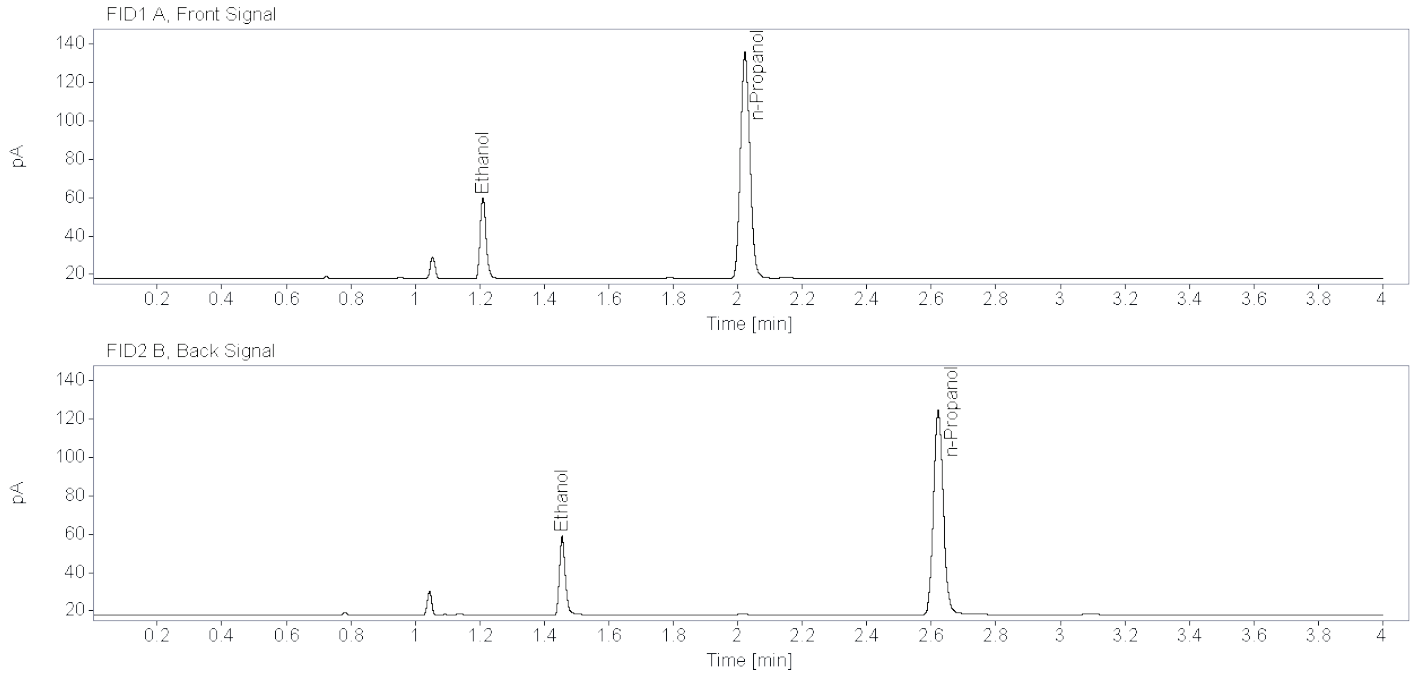
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79062	1.455	1.454	54.5310	0.0401
n-Propanol	0.89537	2.621	2.621	248.0457	0.0100

Not within 5% of the target. All non-negative samples will be repeated. -- 6/18/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1391) **Description:** **Sample Barcode** 24-1391 **Vial Number:** 11
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 3:28:48 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\011F0101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81242	1.210	1.209	54.3971	0.0419
n-Propanol	0.86869	2.022	2.023	239.0664	0.0100

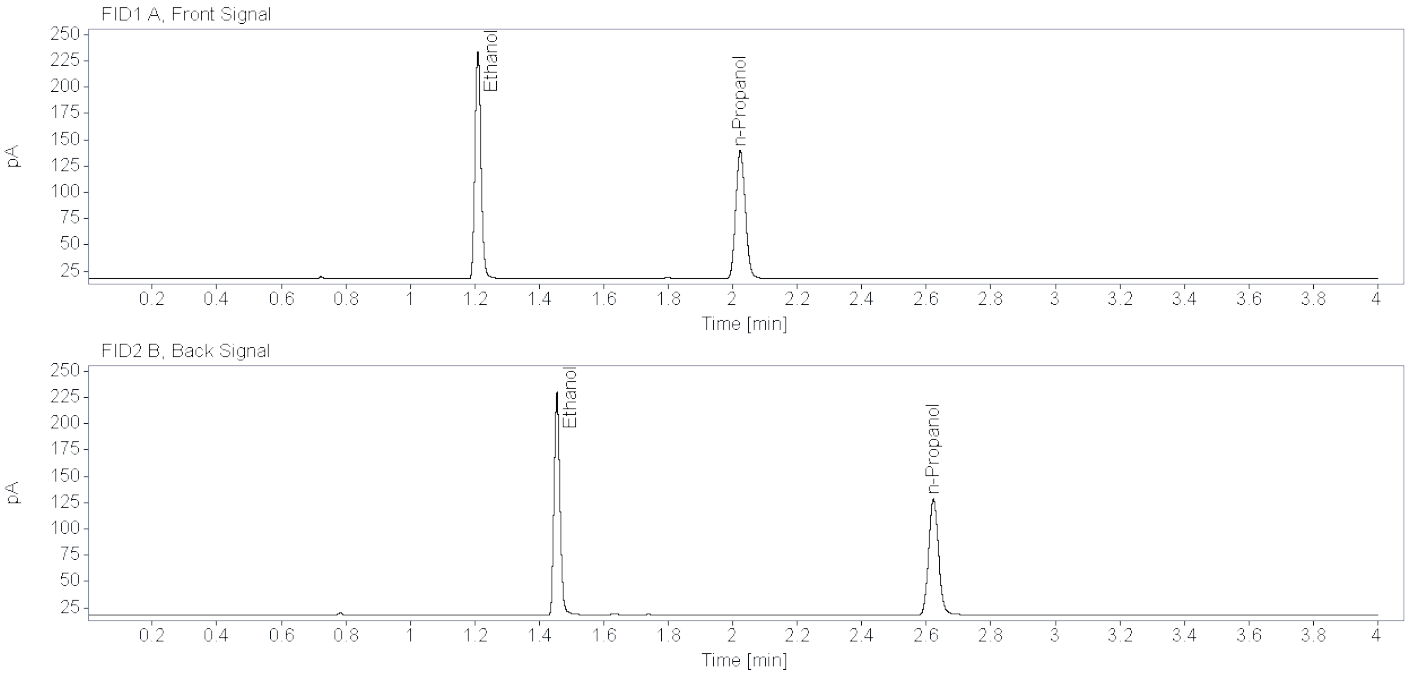
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78439	1.455	1.454	51.0134	0.0415
n-Propanol	0.89128	2.622	2.621	223.9857	0.0100

This is the re-injection from the restarting of the batch after the run stopped. Not within 5% of the target. All non-negative samples will be repeated. -- 6/18/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-1402) **Description:** **Sample Barcode** 24-1402 **Vial Number:** 22
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 3:39:12 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\022F0301.D



Name FID1A

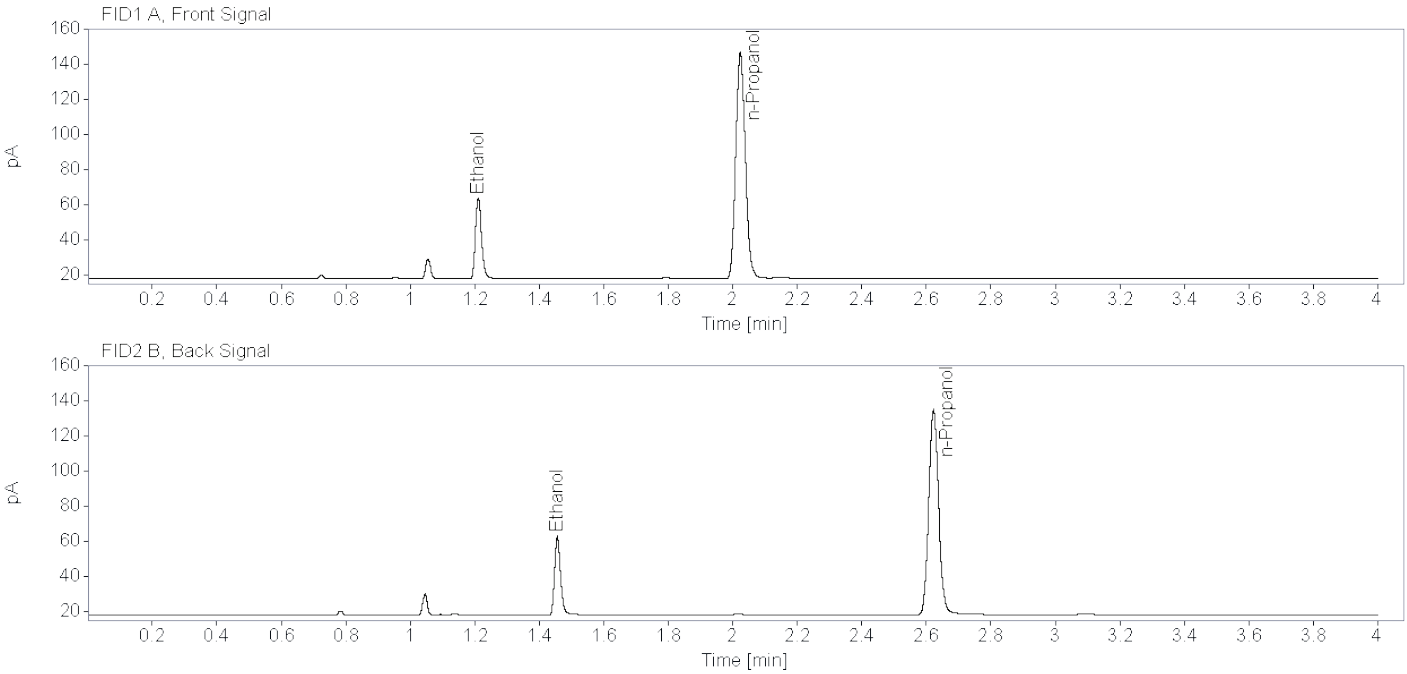
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84382	1.210	1.209	282.7414	0.2042
n-Propanol	0.86074	2.023	2.023	251.1085	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85506	1.455	1.454	266.8880	0.2036
n-Propanol	0.89745	2.622	2.621	234.1751	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1413) **Description:** **Sample Barcode** 24-1413 **Vial Number:** 33
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 4:35:55 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\033F1401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81857	1.211	1.209	61.1394	0.0426
n-Propanol	0.86733	2.023	2.023	263.8889	0.0100

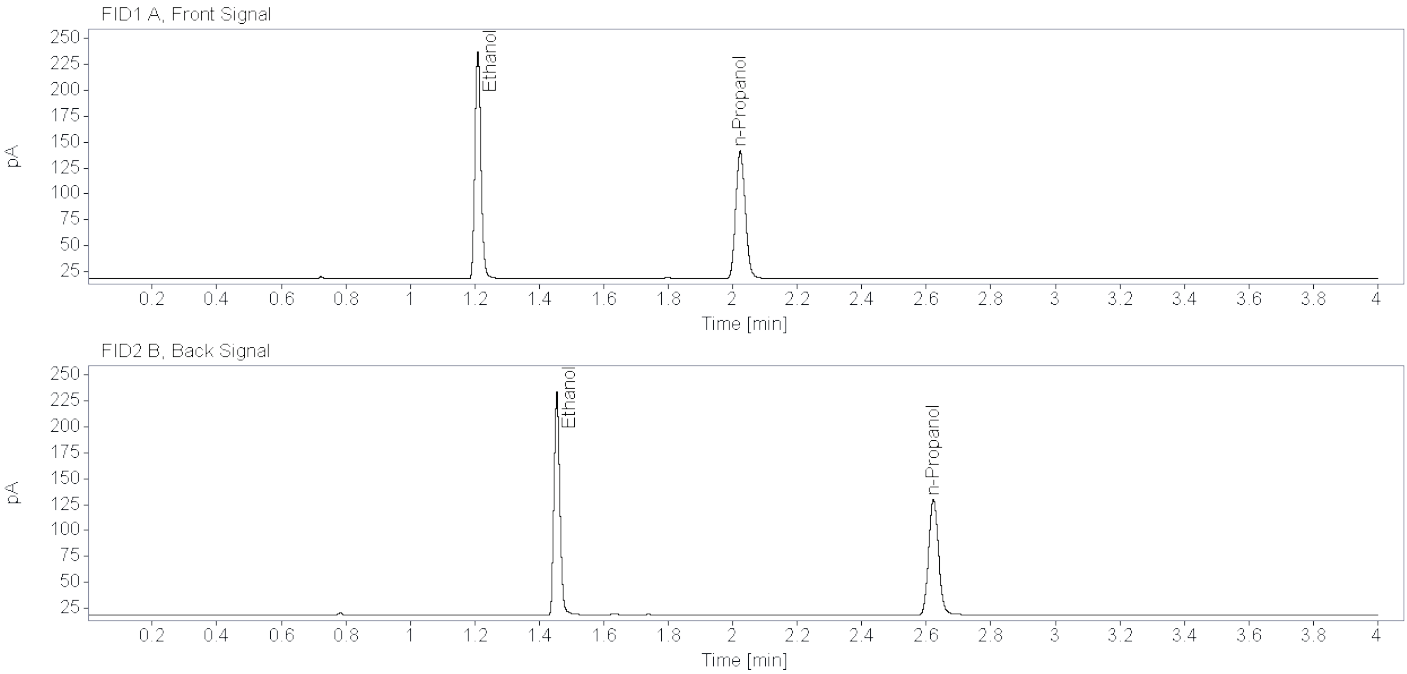
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79258	1.456	1.454	57.2656	0.0422
n-Propanol	0.89654	2.622	2.621	247.2219	0.0100

Not within 5% of the target. All non-negative samples will be repeated. -- 6/18/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-1420) **Description:** **Sample Barcode** 24-1420 **Vial Number:** 40
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 5:12:48 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\040F2101.D



Name FID1A

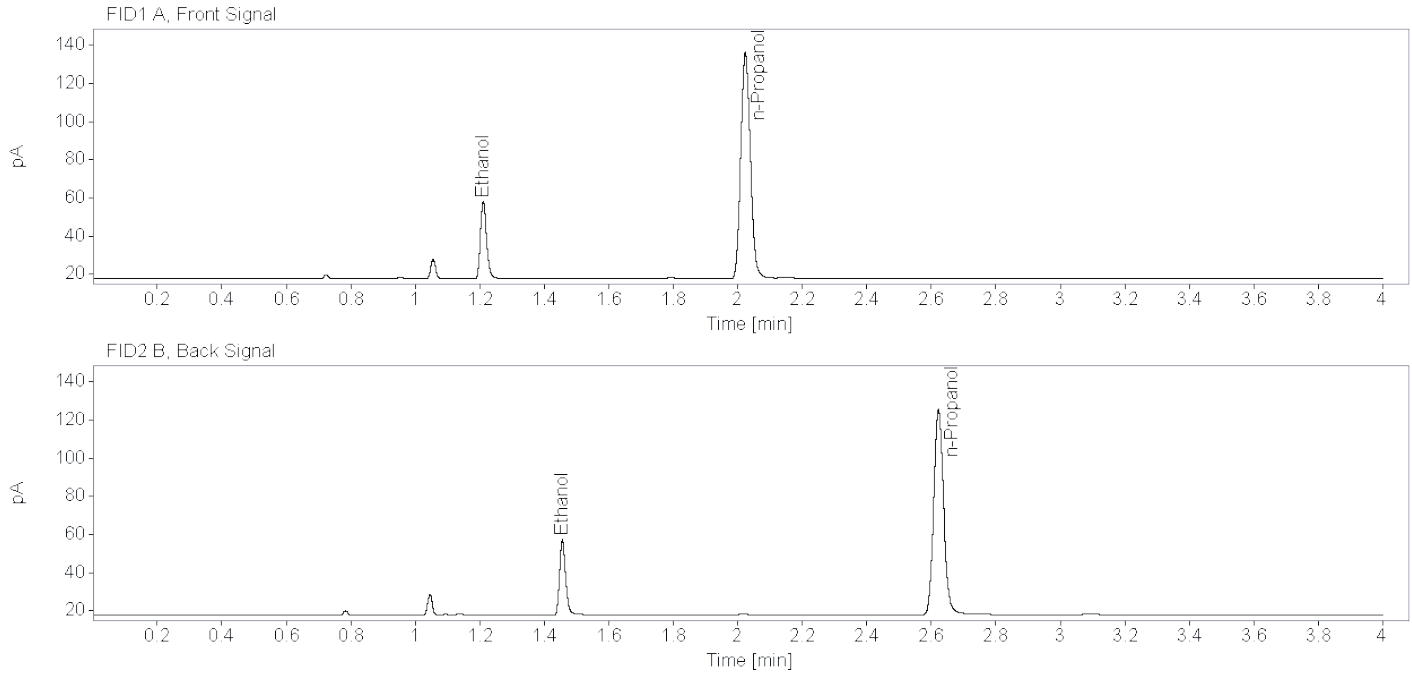
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83818	1.210	1.209	288.1309	0.2049
n-Propanol	0.85344	2.023	2.023	255.0029	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85098	1.455	1.454	271.9055	0.2046
n-Propanol	0.89012	2.622	2.621	237.4243	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1431) **Description:** **Sample Barcode** 24-1431 **Vial Number:** 51
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 6:09:31 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\051F3201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81274	1.211	1.209	54.3423	0.0410
n-Propanol	0.85808	2.024	2.023	243.8753	0.0100

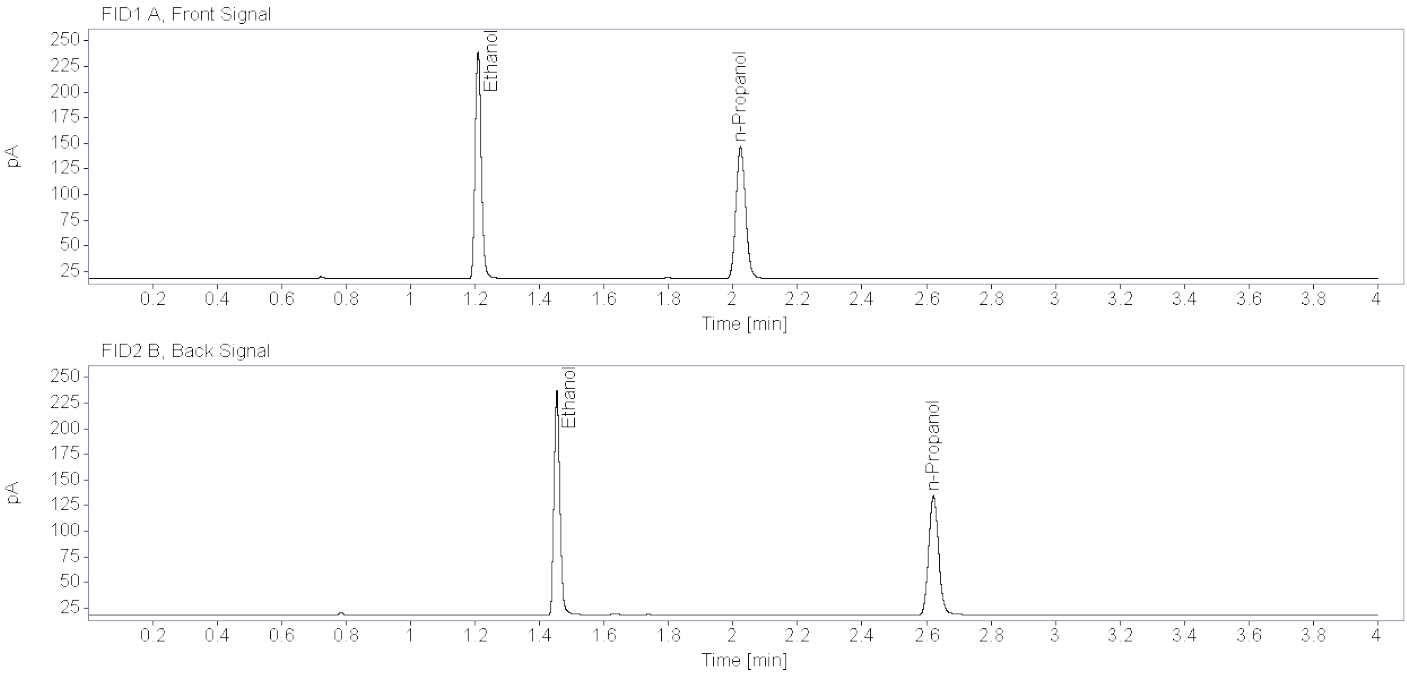
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79246	1.456	1.454	50.7247	0.0405
n-Propanol	0.88899	2.622	2.621	228.2533	0.0100

Not within 5% of the target. All non-negative samples will be repeated. -- 6/18/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-1442) **Description:** **Sample Barcode** 24-1442 **Vial Number:** 62
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 7:07:12 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\062F4301.D



Name FID1A

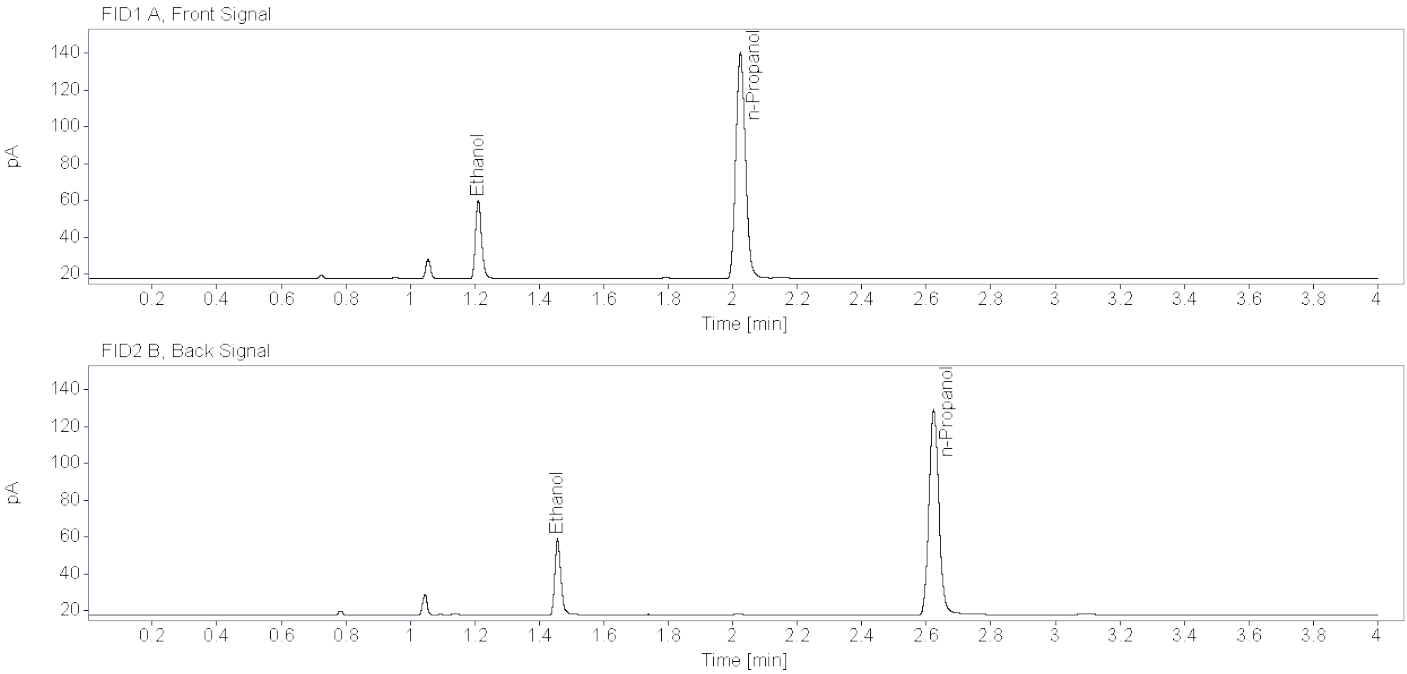
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84602	1.210	1.209	294.4356	0.2002
n-Propanol	0.86113	2.023	2.023	266.7077	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85724	1.454	1.454	278.9527	0.2008
n-Propanol	0.89337	2.622	2.621	248.1636	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1449) **Description:** **Sample Barcode** 24-1449 **Vial Number:** 69
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 7:43:08 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\069F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81435	1.211	1.209	56.5758	0.0413
n-Propanol	0.85856	2.024	2.023	252.0710	0.0100

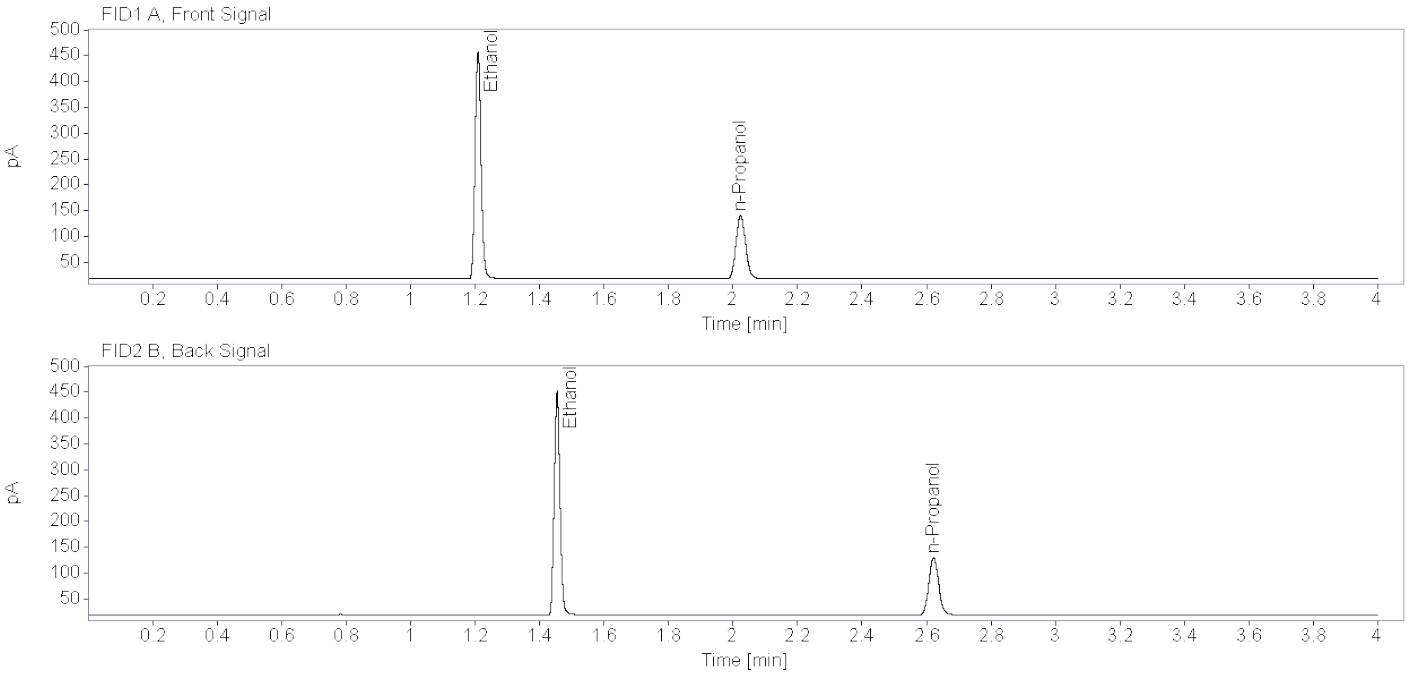
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77978	1.457	1.454	53.1090	0.0411
n-Propanol	0.88185	2.623	2.621	235.4164	0.0100

Not within 5% of the target. All non-negative samples will be repeated. -- 6/18/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-1450) **Description:** **Sample Barcode** 24-1450 **Vial Number:** 70
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 7:48:48 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\070F5101.D



Name FID1A

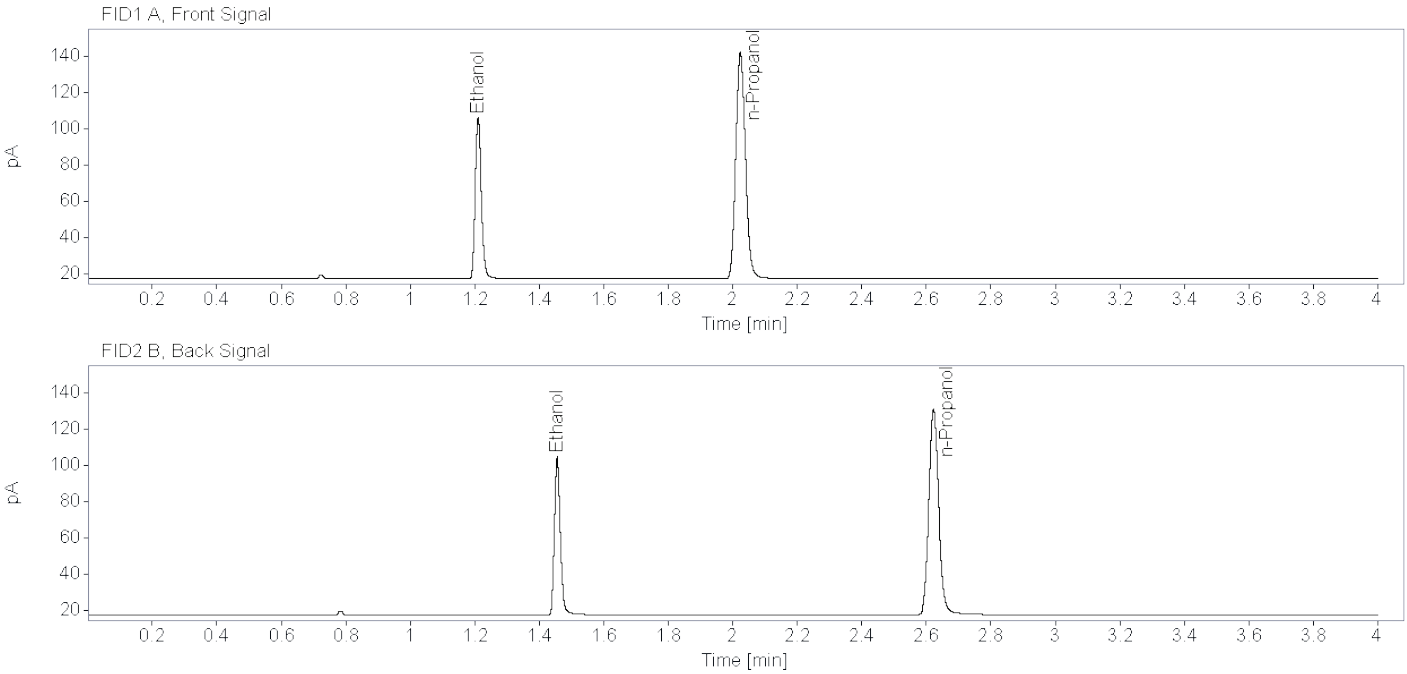
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86883	1.209	1.209	574.3809	0.4091
n-Propanol	0.86324	2.023	2.023	254.1303	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.90415	1.455	1.454	543.6889	0.4097
n-Propanol	0.88722	2.622	2.621	236.4340	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-1451) **Description:** **Sample Barcode** 24-1451 **Vial Number:** 71
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 7:53:31 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\071F5201.D



Name FID1A

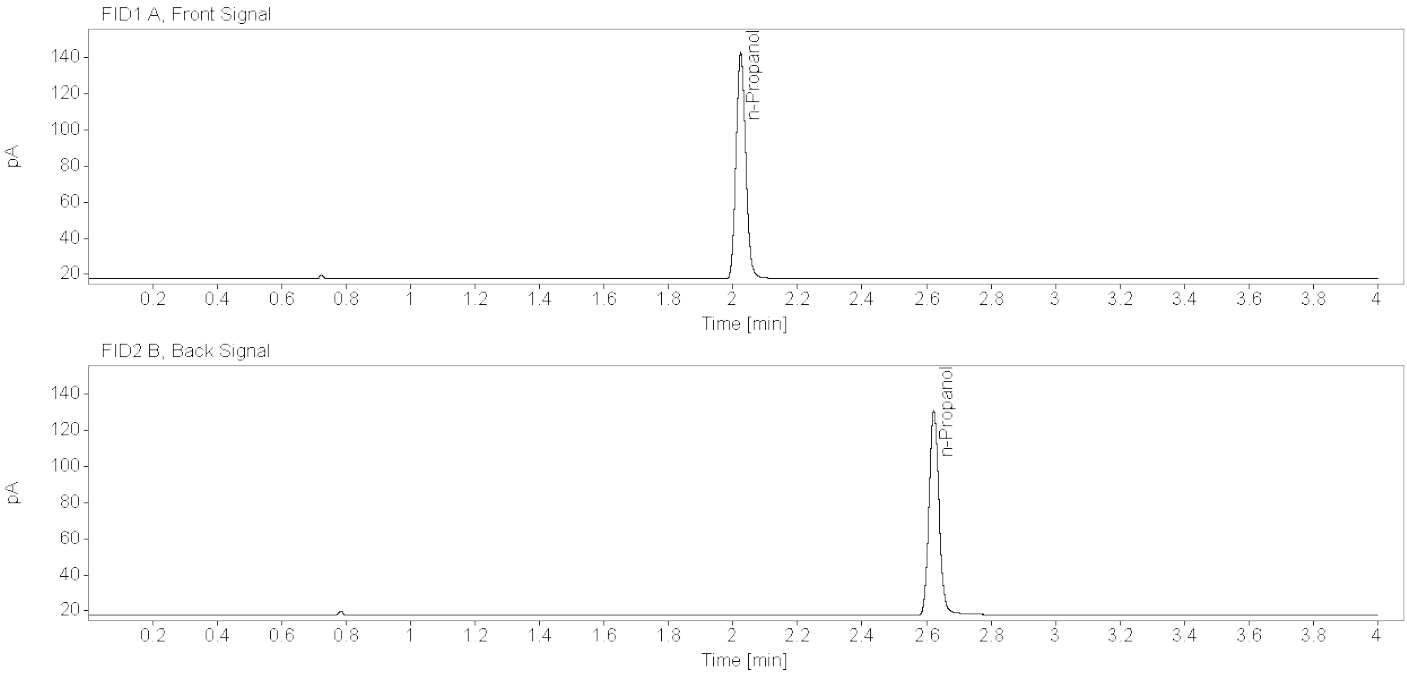
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82223	1.210	1.209	116.7944	0.0828
n-Propanol	0.85397	2.024	2.023	257.1379	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81033	1.456	1.454	109.9462	0.0827
n-Propanol	0.89003	2.623	2.621	239.1358	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (24-1452) **Description:** **Sample Barcode** 24-1452 **Vial Number:** 72
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 7:59:12 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\072F5301.D



Name FID1A

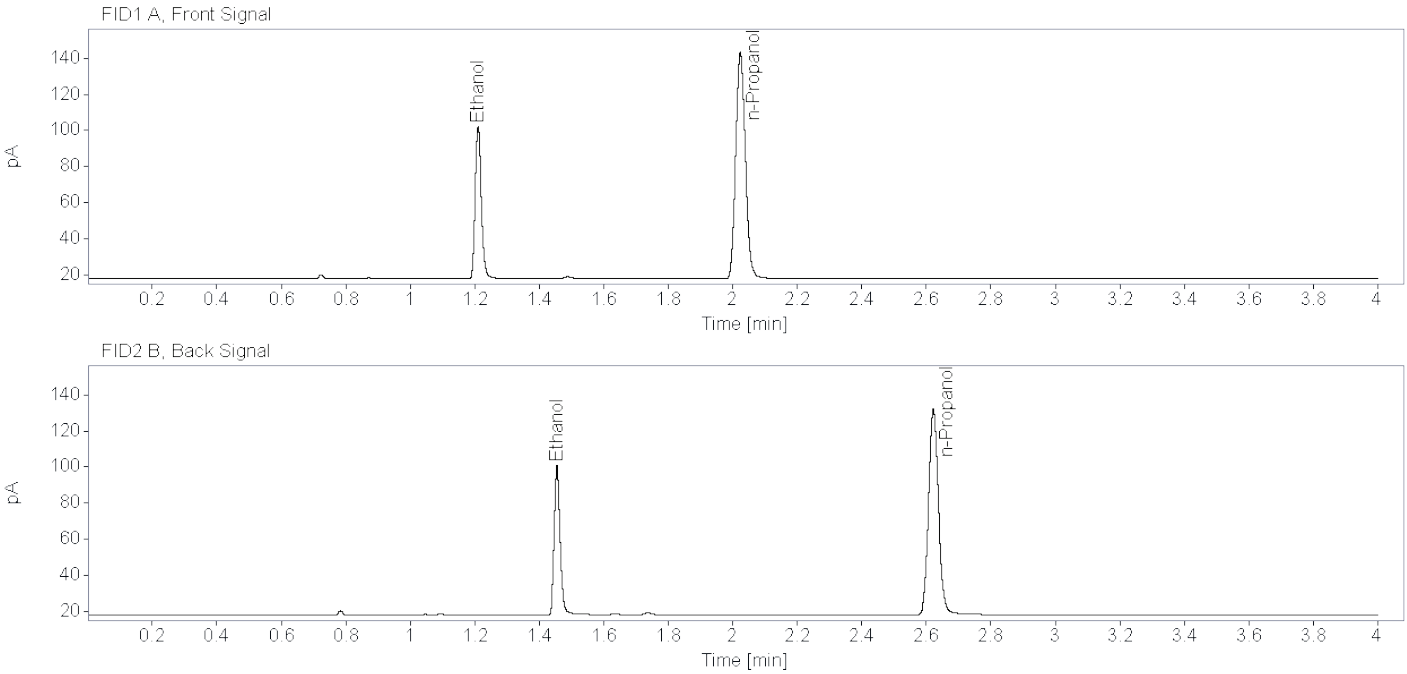
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86612	2.024	2.023	258.5117	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89125	2.623	2.621	240.4493	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: New Blood QC A (24-1418) **Description:** Alq 1 **Sample Barcode** 24-1418 **Vial Number:** 38
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 5:02:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\038F1901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81772	1.210	1.209	112.2120	0.0790
n-Propanol	0.85774	2.023	2.023	259.2049	0.0100

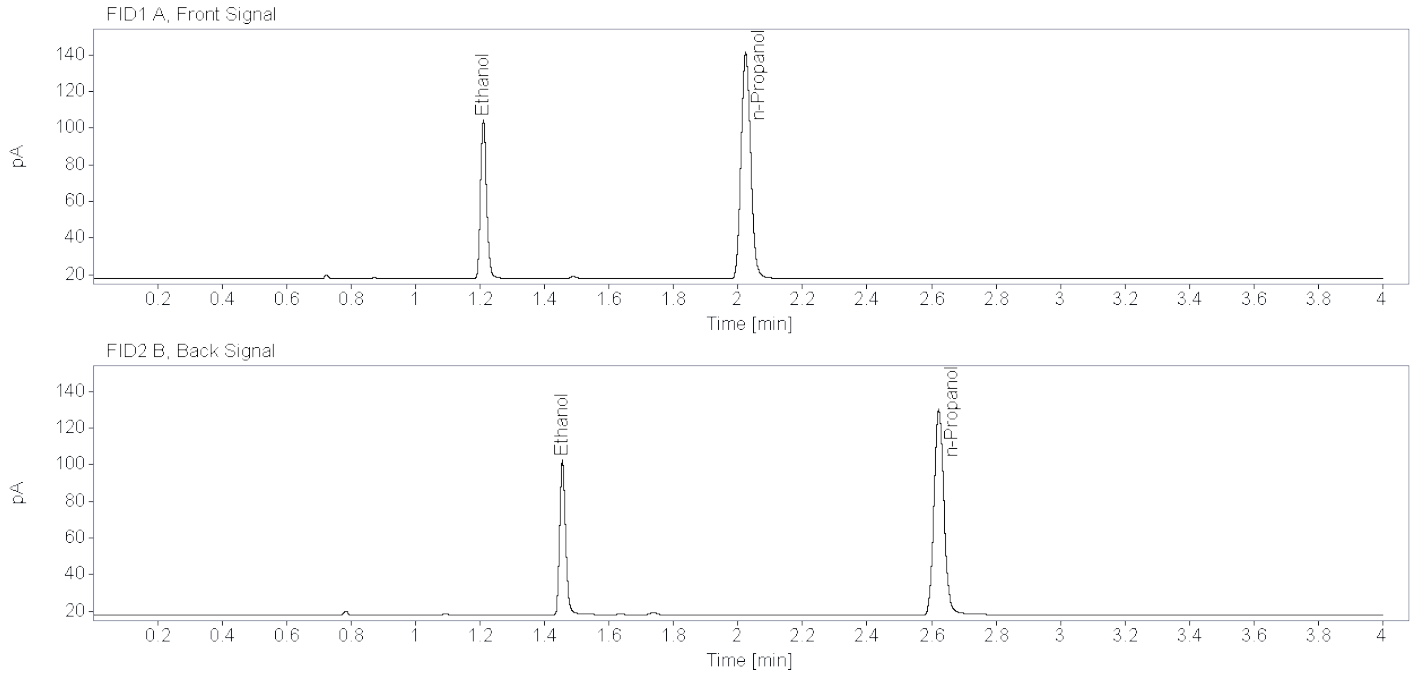
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80751	1.455	1.454	105.5858	0.0786
n-Propanol	0.89385	2.622	2.621	241.8976	0.0100

Bracketing Blood QC A failed. Sample will be repeated to verify extending the expiration date. -- 6/18/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: New Blood QC A (24-1422) **Description:** Alq 2 **Sample Barcode** 24-1422 **Vial Number:** 42
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 5:23:12 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\042F2301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83074	1.210	1.209	114.5615	0.0820
n-Propanol	0.86789	2.024	2.023	254.7381	0.0100

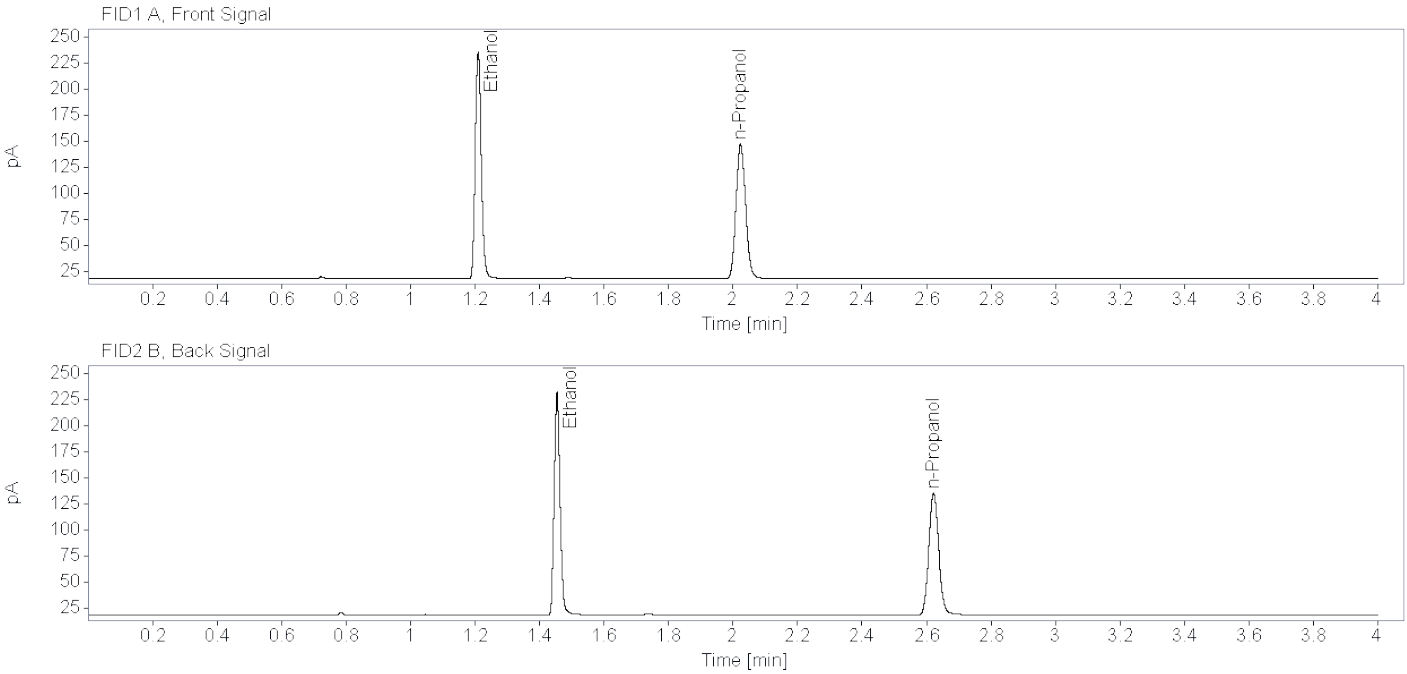
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81757	1.456	1.454	107.3380	0.0813
n-Propanol	0.89362	2.623	2.621	237.7775	0.0100

Bracketing Blood QC A failed. Sample will be repeated to verify extending the expiration date. -- 6/18/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: New Blood QC B (24-1419) **Description:** Alq 1 **Sample Barcode** 24-1419 **Vial Number:** 39
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 5:07:07 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\039F2001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85135	1.210	1.209	287.2080	0.1953
n-Propanol	0.86522	2.023	2.023	266.7027	0.0100

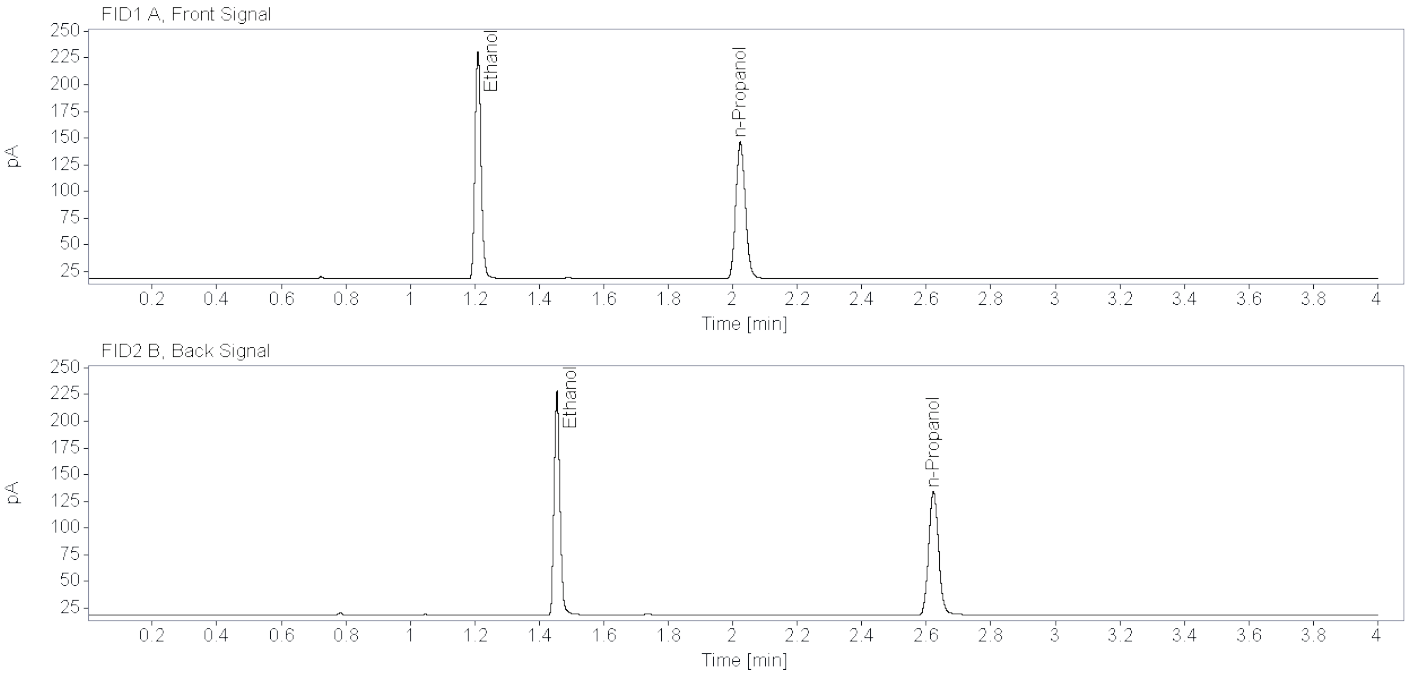
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85306	1.454	1.454	271.3537	0.1947
n-Propanol	0.89731	2.622	2.621	248.9619	0.0100

Bracketing Blood QC A failed. Sample will be repeated to verify extending the expiration date. -- 6/18/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: New Blood QC B (24-1421) **Description:** Alq 2 **Sample Barcode** 24-1421 **Vial Number:** 41
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 5:17:31 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\041F2201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84169	1.210	1.209	280.2141	0.1925
n-Propanol	0.86003	2.024	2.023	264.0181	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85105	1.455	1.454	264.4324	0.1918
n-Propanol	0.89181	2.622	2.621	246.3916	0.0100

Bracketing Blood QC A failed. Sample will be repeated to verify extending the expiration date. -- 6/18/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-0830 001

Batch Name: BAC_20240617_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1918	Aliquot 1:	0.1916
	Aliquot 2:	0.2013	Aliquot 2:	0.2009

Reported Result: **0.196** **g/100 mL**

Reported UM: **0.028** **g/100 mL**

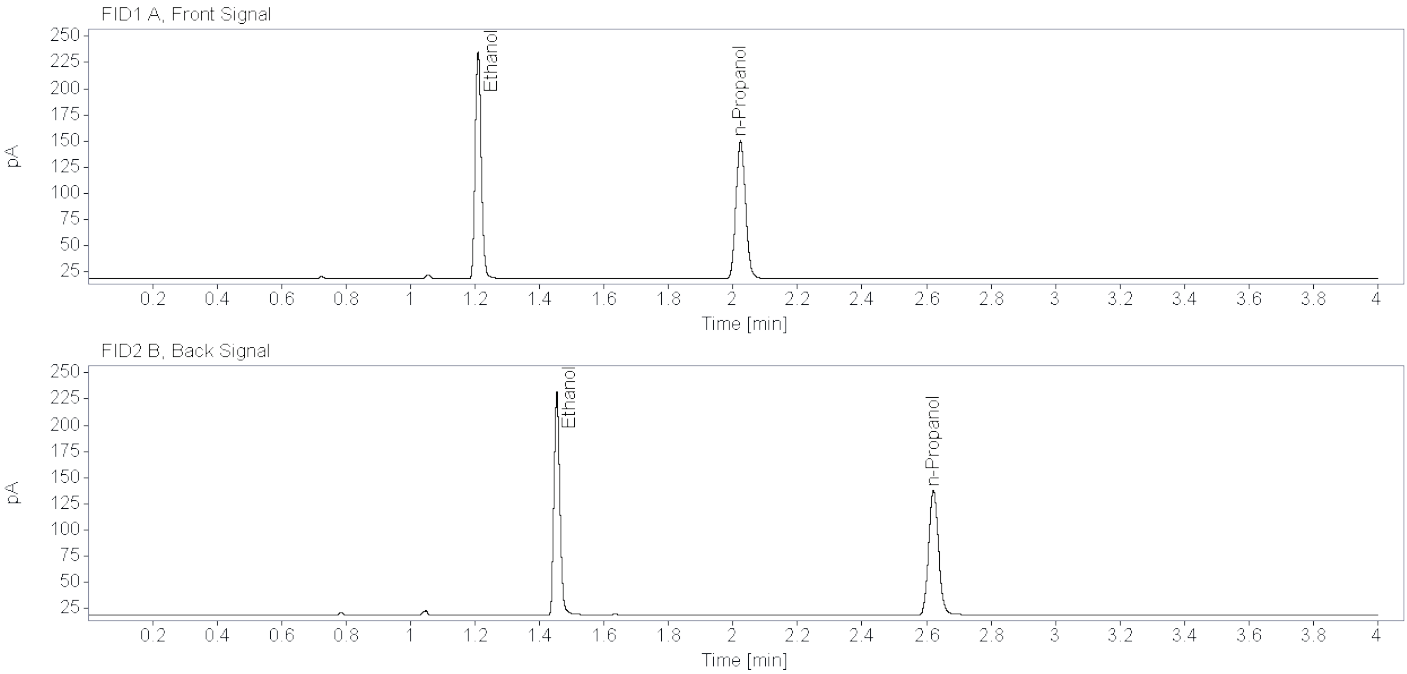
6/19/2024 mh

Comments: Previously analyzed in BAC_20240530_MH. Not bracketed by an acceptable control. Sample will be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0830 001 (24-1392) **Description:** Alq 1 **Sample Barcode** 24-1392 **Vial Number:** 12
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 1:06:42 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\012F1201.D



Name FID1A

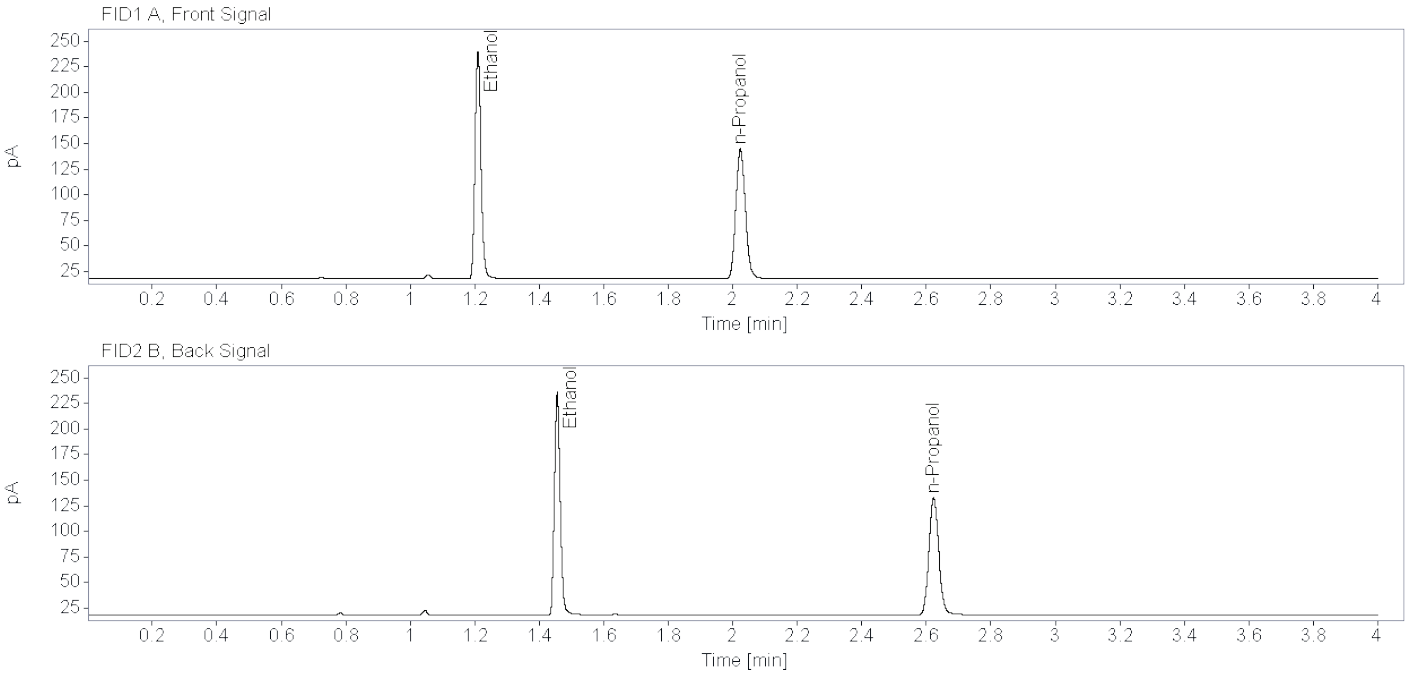
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84793	1.210	1.209	288.3640	0.1918
n-Propanol	0.87546	2.023	2.023	272.6707	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85747	1.454	1.454	272.5974	0.1916
n-Propanol	0.89849	2.621	2.621	254.2901	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0830 001 (24-1448) **Description:** Alq 2 **Sample Barcode** 24-1448 **Vial Number:** 68
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 7:38:25 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\068F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83696	1.210	1.209	289.2327	0.2013
n-Propanol	0.85983	2.024	2.023	260.5640	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85282	1.456	1.454	273.1385	0.2009
n-Propanol	0.89455	2.623	2.621	242.8965	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1018 001

Batch Name: BAC_20240617_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0489	Aliquot 1:	0.0485
	Aliquot 2:	0.0519	Aliquot 2:	0.0521

Reported Result: ~~0.050~~ **g/100 mL**

Reported UM: **0.007** **g/100 mL**

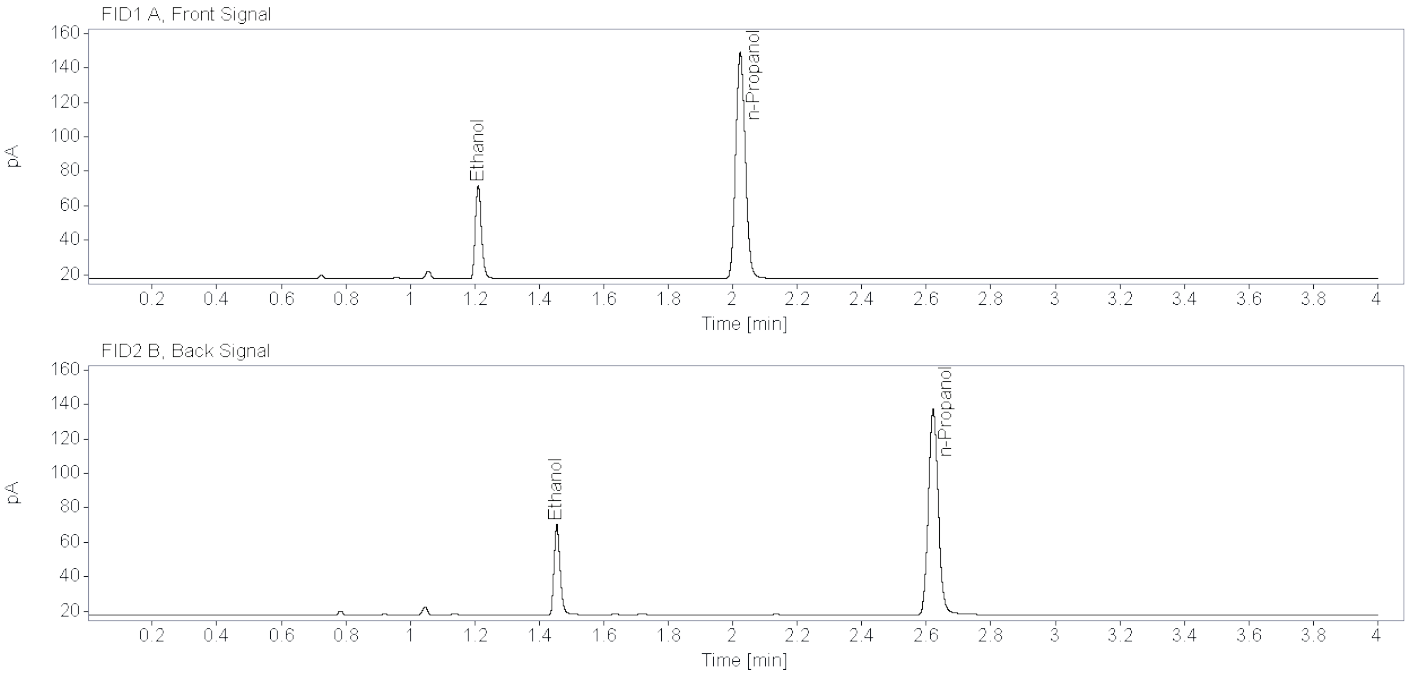
6/19/2024 mh

Comments: Previously analyzed in BAC_20240530_MH. Not bracketed by an acceptable control. Sample will be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1018 001 (24-1393) **Description:** Alq 1 **Sample Barcode** 24-1393 **Vial Number:** 13
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 1:12:22 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\013F1301.D



Name FID1A

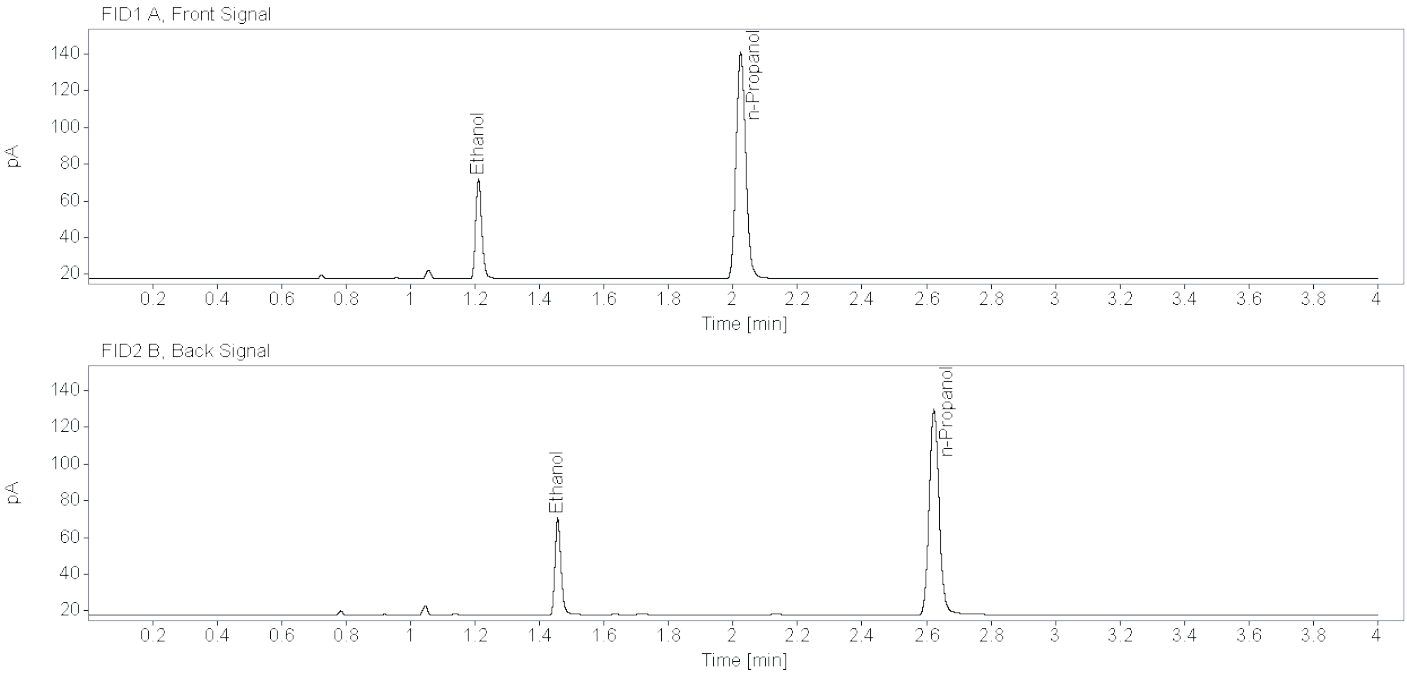
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81720	1.211	1.209	72.1958	0.0489
n-Propanol	0.86935	2.023	2.023	271.1276	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78987	1.455	1.454	67.5577	0.0485
n-Propanol	0.90124	2.621	2.621	252.8806	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1018 001 (24-1447) **Description:** Alq 2 **Sample Barcode** 24-1447 **Vial Number:** 67
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 7:32:43 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\067F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81859	1.211	1.209	71.8231	0.0519
n-Propanol	0.86612	2.024	2.023	253.9812	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78943	1.457	1.454	68.0060	0.0521
n-Propanol	0.89166	2.623	2.621	236.7638	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1556 001

Batch Name: BAC_20240617_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

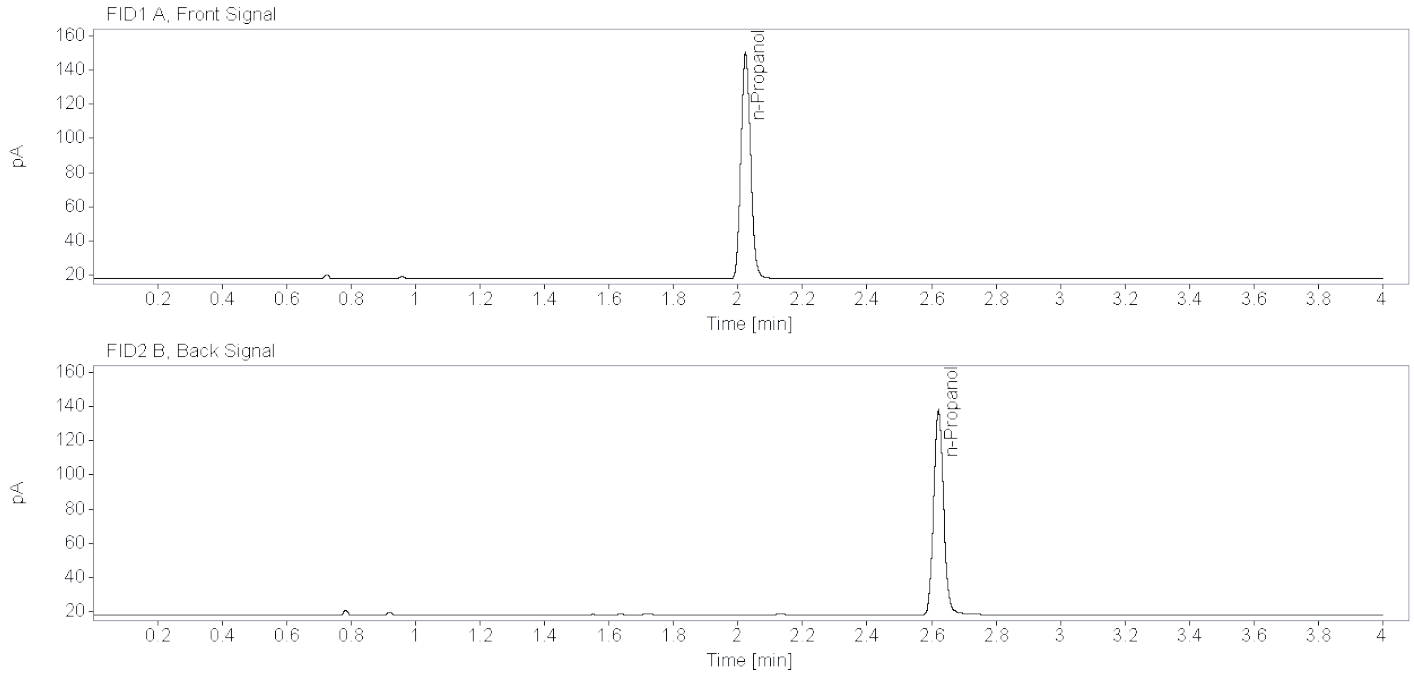
Reported UM: _____

Comments: Not bracketed by an acceptable control. Sample is negative and will not be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1556 001 (24-1394) **Description:** Alq 1 **Sample Barcode** 24-1394 **Vial Number:** 14
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 1:17:06 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\014F1401.D



Name FID1A

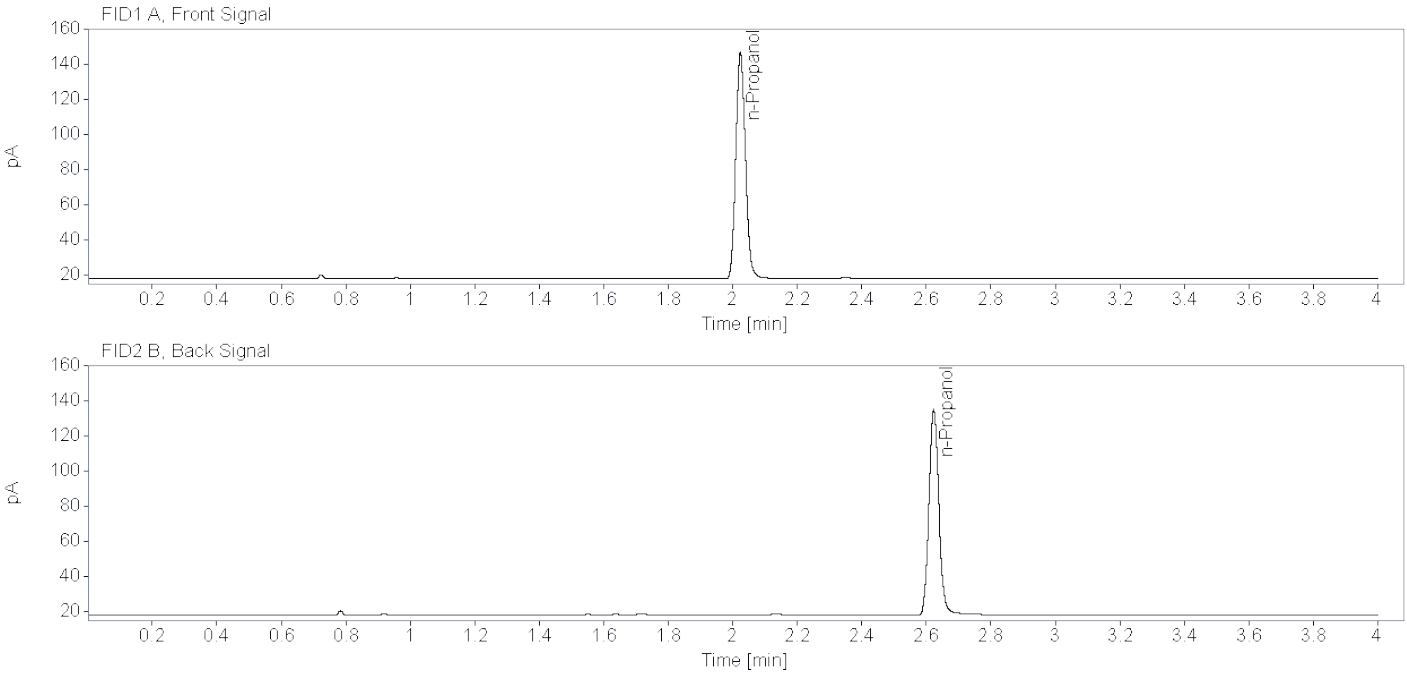
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87345	2.023	2.023	273.9669	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90032	2.622	2.621	255.5727	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1556 001 (24-1446) **Description:** Alq 2 **Sample Barcode** 24-1446 **Vial Number:** 66
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 7:28:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\066F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85866	2.024	2.023	265.6719	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90104	2.623	2.621	247.7879	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1711 001

Batch Name: BAC_20240617_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

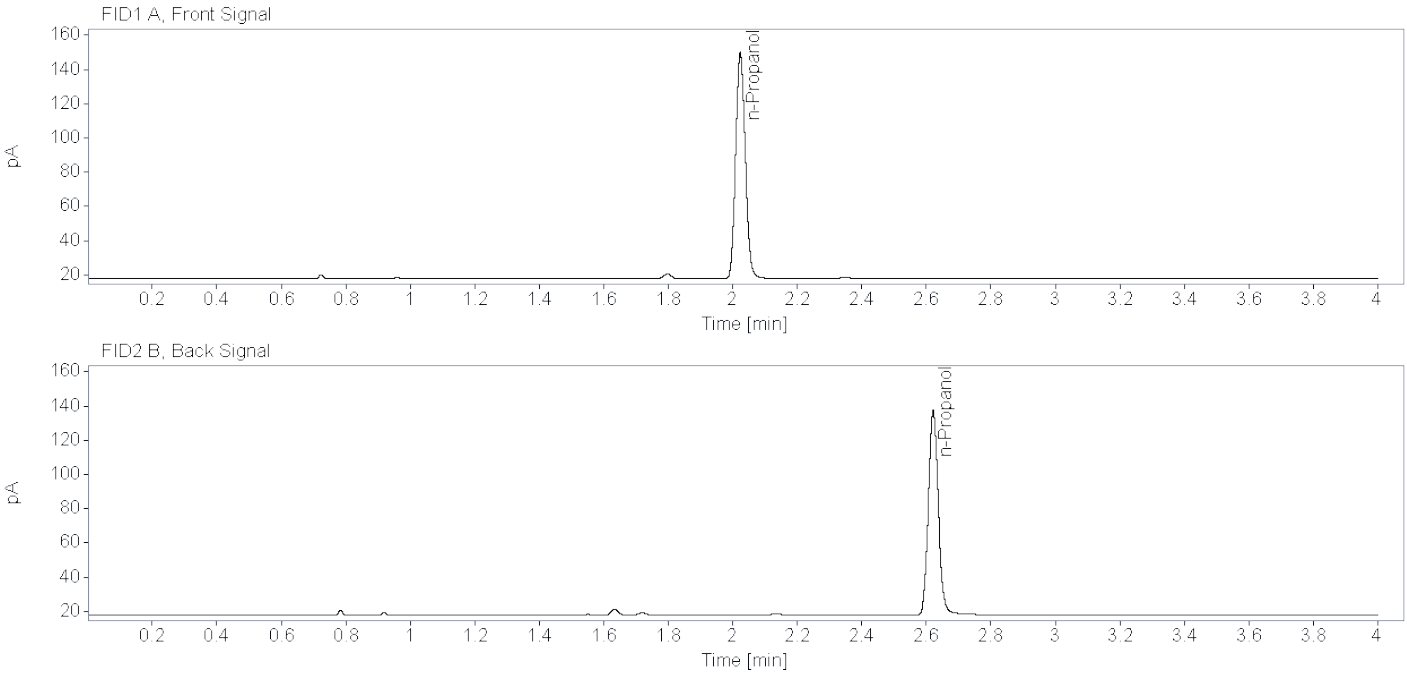
Reported UM: _____

Comments: Not bracketed by an acceptable control. Sample is negative and will not be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1711 001 (24-1395) **Description:** Alq 1 **Sample Barcode** 24-1395 **Vial Number:** 15
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 1:22:49 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\015F1501.D



Name FID1A

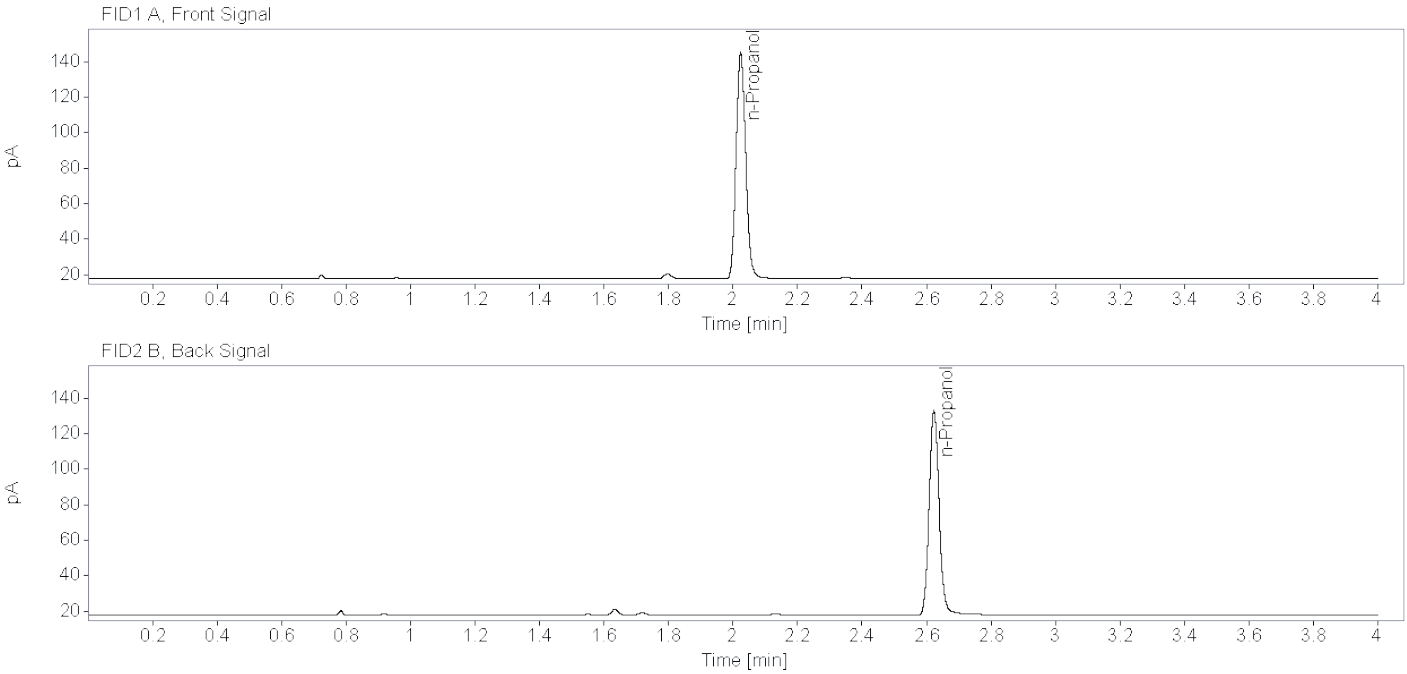
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86338	2.023	2.023	273.5083	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90969	2.622	2.621	254.9495	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1711 001 (24-1445) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 65
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 7:22:19 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\065F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86550	2.024	2.023	261.9717	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88583	2.623	2.621	244.1894	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1715 001

Batch Name: BAC_20240617_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3020	Aliquot 1:	0.3011
	Aliquot 2:	0.3163	Aliquot 2:	0.3158

Reported Result: **0.308** **g/100 mL**

Reported UM: **0.044** **g/100 mL**

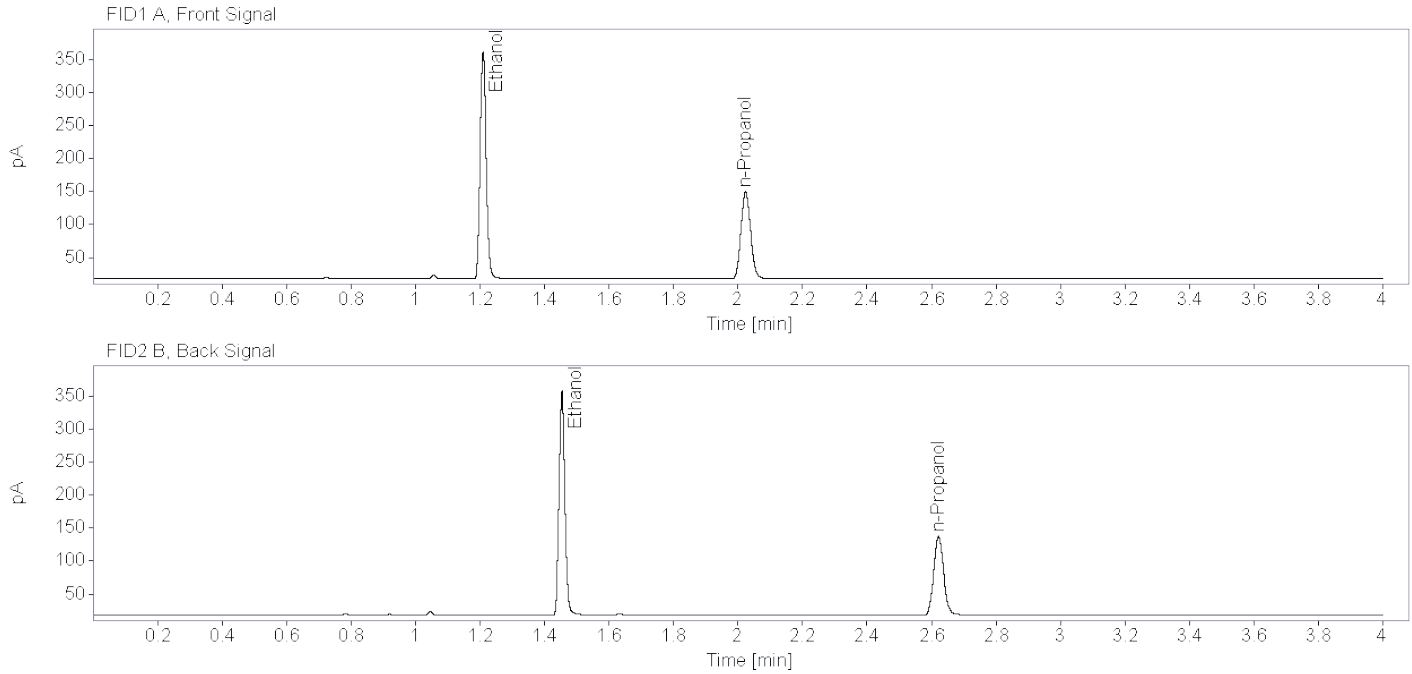
6/19/2024 mh

Comments: Not bracketed by an acceptable control. Sample will be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1715 001 (24-1396) **Description:** Alq 1 **Sample Barcode** 24-1396 **Vial Number:** 16
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 1:27:30 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\016F1601.D



Name FID1A

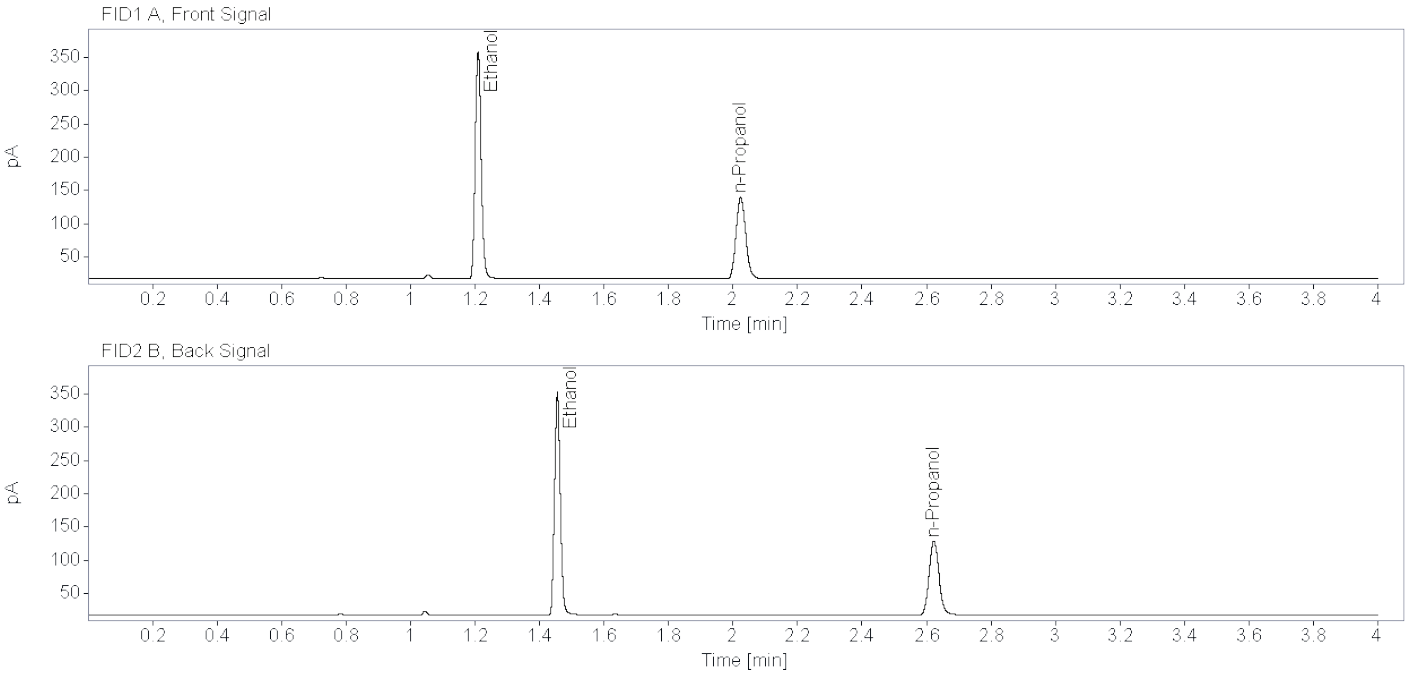
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86668	1.209	1.209	455.3838	0.3020
n-Propanol	0.86745	2.023	2.023	273.0973	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88629	1.454	1.454	430.0056	0.3011
n-Propanol	0.89946	2.622	2.621	254.6541	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1715 001 (24-1444) **Description:** Alq 2 **Sample Barcode** 24-1444 **Vial Number:** 64
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 7:17:36 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\064F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86451	1.210	1.209	443.9652	0.3163
n-Propanol	0.86300	2.024	2.023	254.2010	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.89008	1.455	1.454	419.7505	0.3158
n-Propanol	0.88553	2.623	2.621	236.9765	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1725 001

Batch Name: BAC_20240617_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2378	Aliquot 1:	0.2368
	Aliquot 2:	0.2201	Aliquot 2:	0.2198

Reported Result: **0.228** **g/100 mL**

Reported UM: **0.033** **g/100 mL**

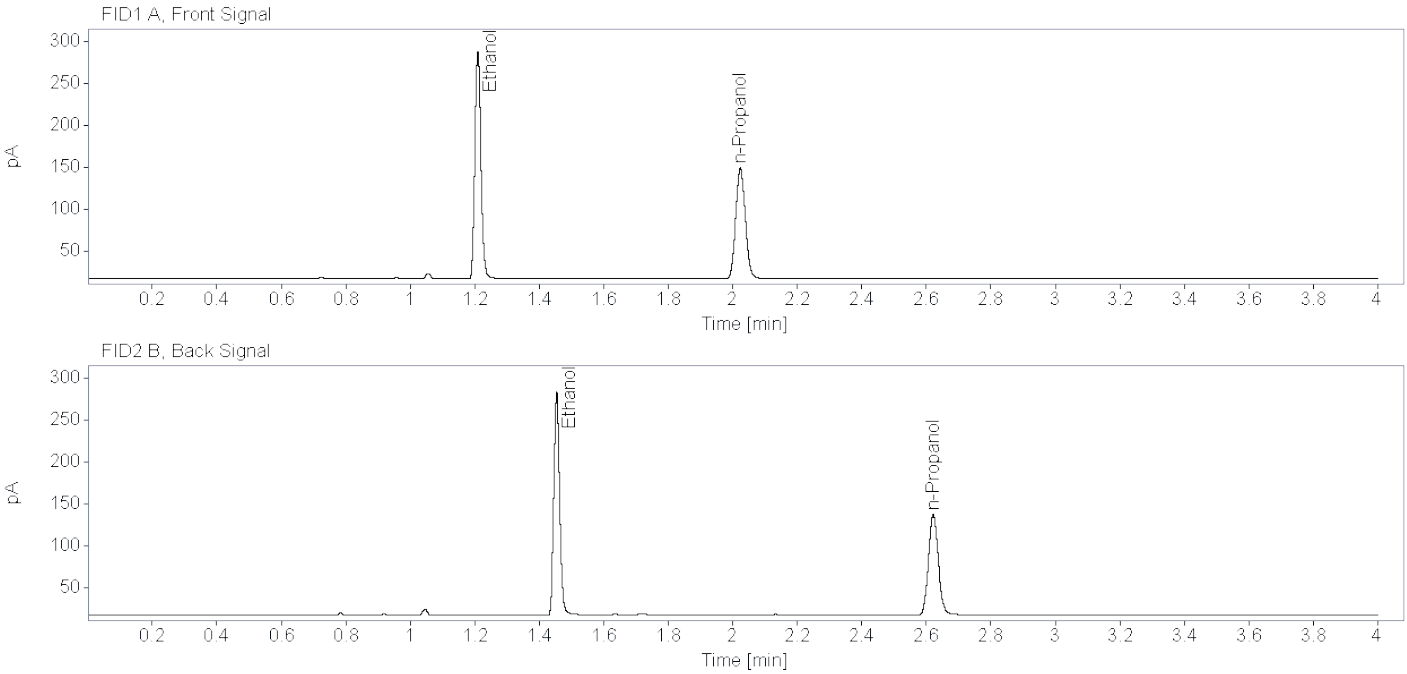
6/19/2024 mh

Comments: Not bracketed by an acceptable control. Sample will be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1725 001 (24-1397) **Description:** Alq 1 **Sample Barcode** 24-1397 **Vial Number:** 17
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 1:33:11 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\017F1701.D



Name FID1A

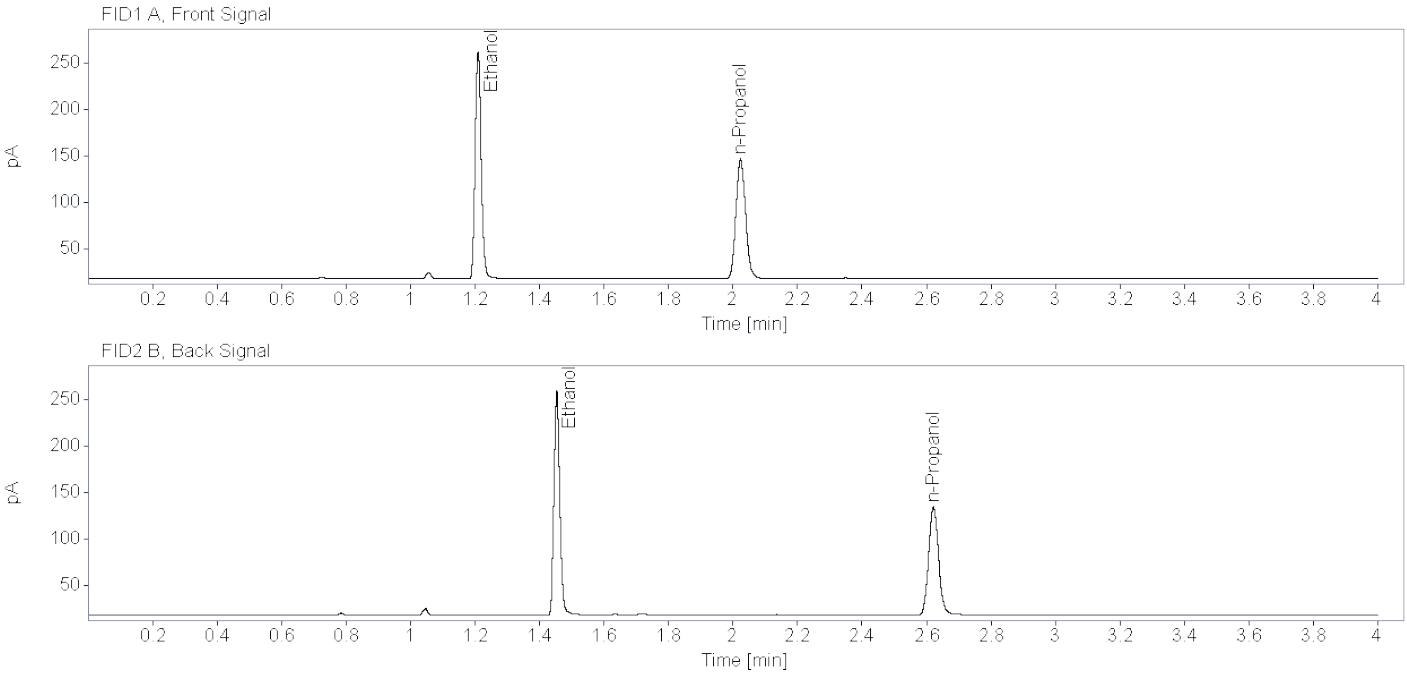
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85212	1.210	1.209	356.8966	0.2378
n-Propanol	0.86674	2.023	2.023	271.9777	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86836	1.454	1.454	337.5034	0.2368
n-Propanol	0.89243	2.622	2.621	254.3816	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1725 001 (24-1443) **Description:** Alq 2 **Sample Barcode** 24-1443 **Vial Number:** 63
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 7:11:55 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\063F4401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84582	1.209	1.209	322.5828	0.2201
n-Propanol	0.86580	2.023	2.023	265.6327	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86060	1.454	1.454	305.4831	0.2198
n-Propanol	0.89097	2.621	2.621	248.2290	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1778 001

Batch Name: BAC_20240617_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

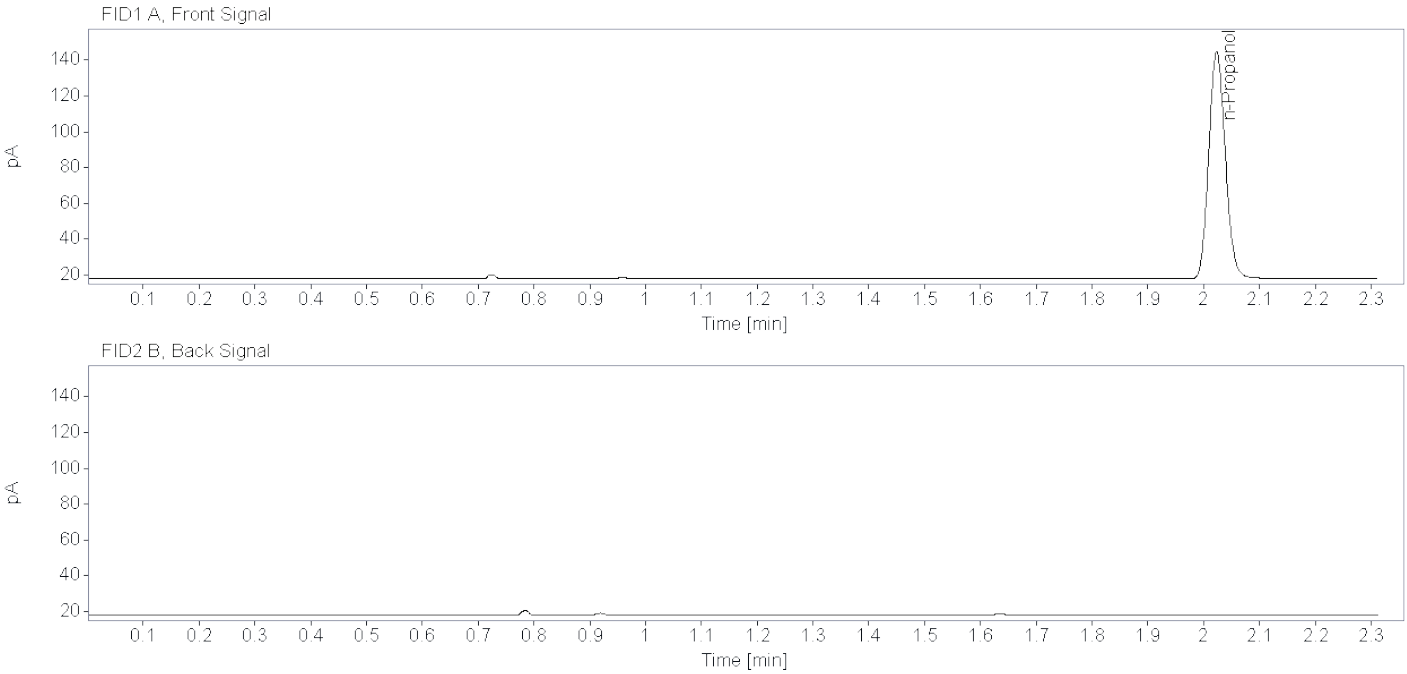
Reported UM: _____

Comments: Run stopped on aliquot 1 of this sample due to a shutter error thus producing no acceptable data. Aliquot 2 has acceptable data. Sample was not bracketed by an acceptable control. Sample is negative and will not be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1778 001 (24-1398) **Description:** Alq 1 **Sample Barcode** 24-1398 **Vial Number:** 18
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 1:37:55 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH 2024-06-17 11-59-51\018F1801.D

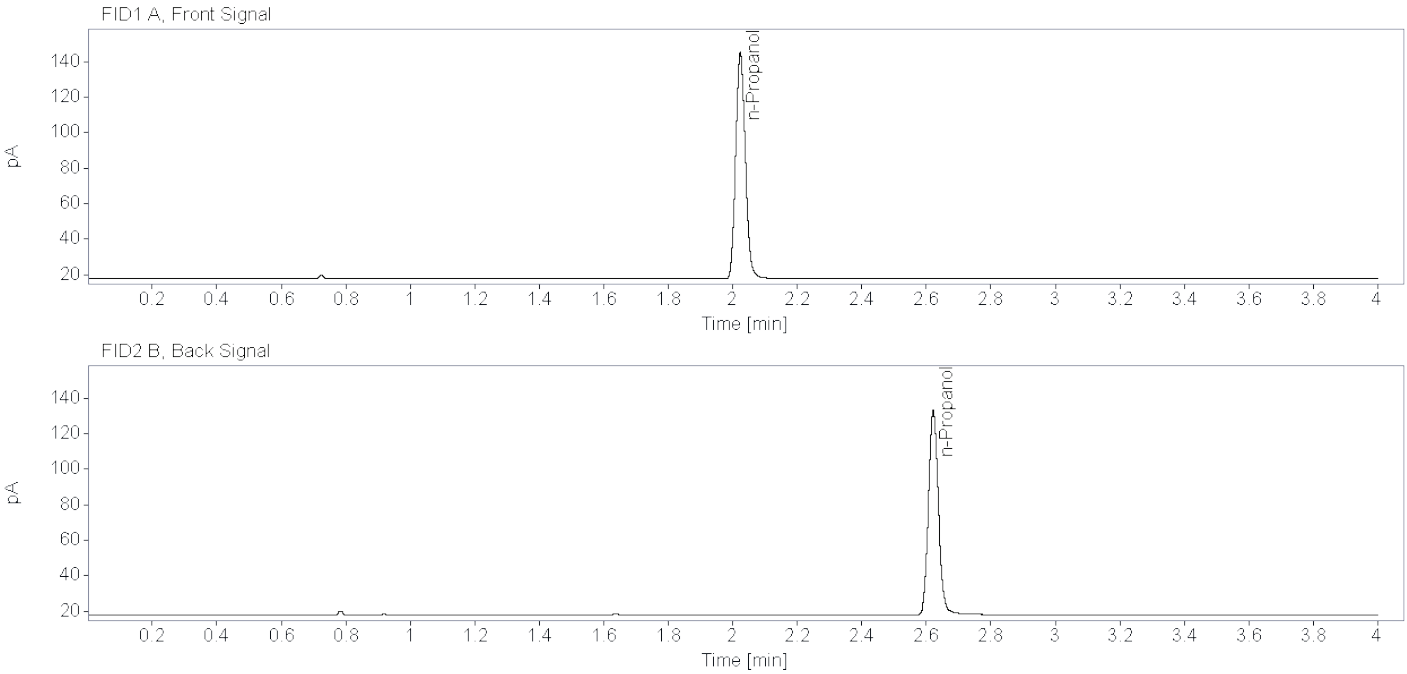


Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86441	2.023	2.023	261.9030	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1778 001 (24-1441) **Description:** Alq 2 **Sample Barcode** 24-1441 **Vial Number:** 61
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 7:01:32 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\061F4201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85684	2.023	2.023	263.8483	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88873	2.622	2.621	245.7682	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1834 001

Batch Name: BAC_20240617_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: **none detected**

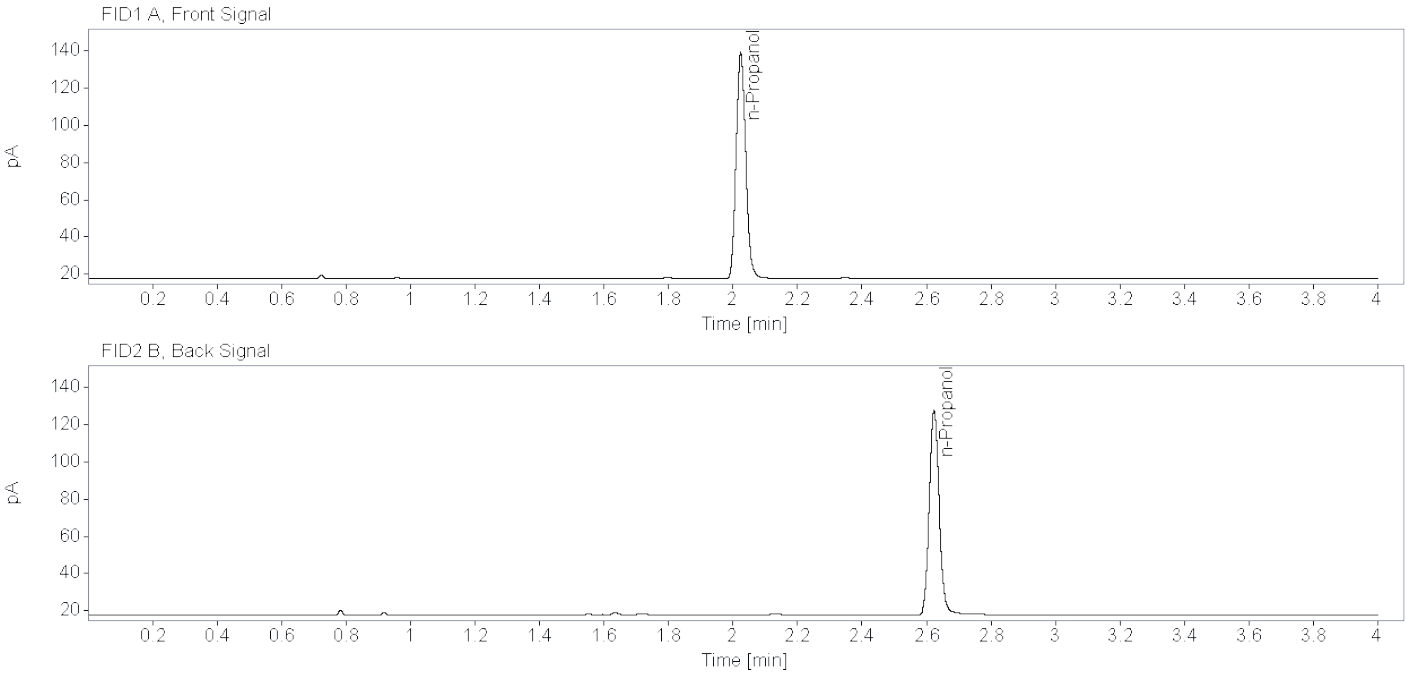
Reported UM:

Comments: Run was stopped on previous sample due to a shutter error thus producing no data for aliquot 1. Aliquot 2 has acceptable data. Sample was not bracketed by an acceptable control. Sample is negative and will not be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1834 001 (24-1440) **Description:** Alq 2 **Sample Barcode** 24-1440 **Vial Number:** 60
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 6:56:48 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\060F4101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86659	2.024	2.023	249.9653	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88939	2.623	2.621	233.2362	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1839 001

Batch Name: BAC_20240617_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol	FID1		FID2	
Aliquot 1:		Aliquot 1:		
Aliquot 2:	0.1979	Aliquot 2:	0.1971	

Reported Result: ~~0.197~~ **g/100 mL**

Reported UM: ~~/~~

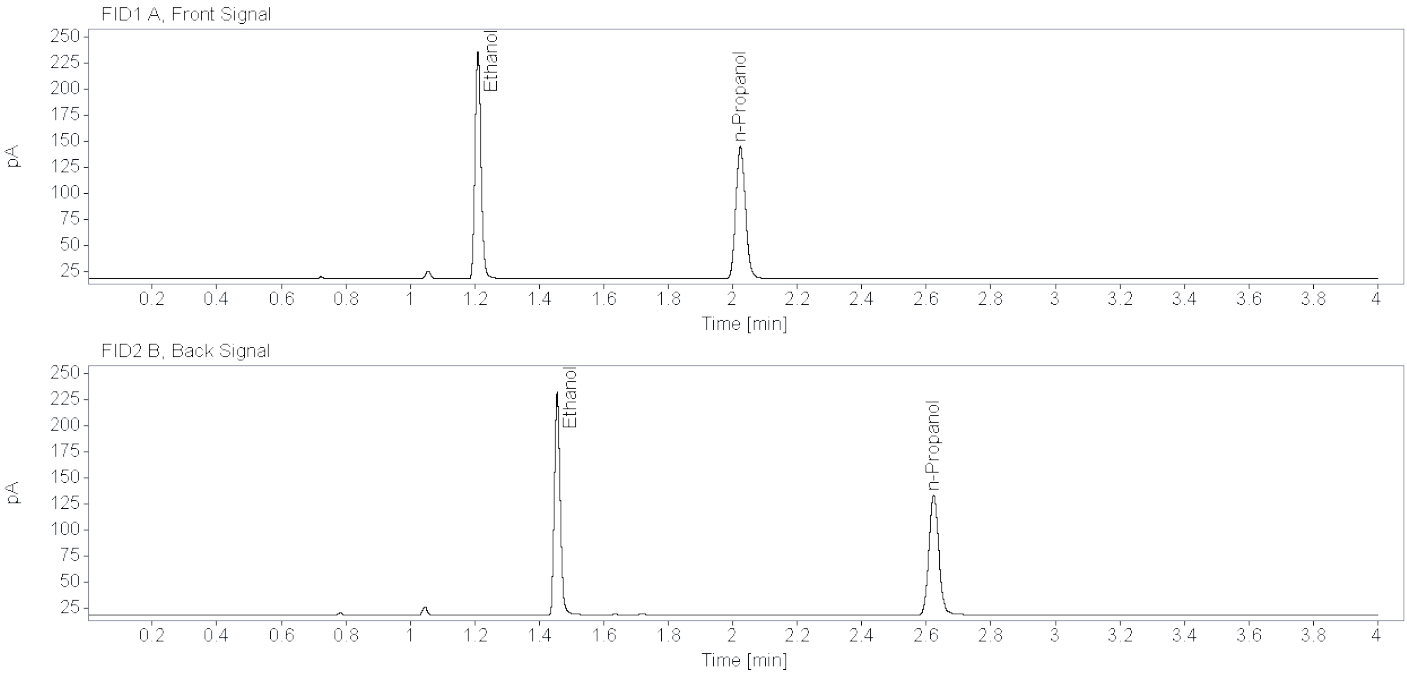
6/19/2024 mh

Comments: Run was stopped on a previous sample due to a shutter error thus producing no data for aliquot 1. Aliquot 2 has acceptable data. Aliquot 2 was not bracketed by an acceptable control and will be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1839 001 (24-1439) **Description:** Alq 2 **Sample Barcode** 24-1439 **Vial Number:** 59
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 6:51:07 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\059F4001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84121	1.210	1.209	284.4018	0.1979
n-Propanol	0.86099	2.024	2.023	260.6723	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85094	1.456	1.454	268.6878	0.1971
n-Propanol	0.88945	2.623	2.621	243.5694	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-2005 001

Batch Name: BAC_20240617_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

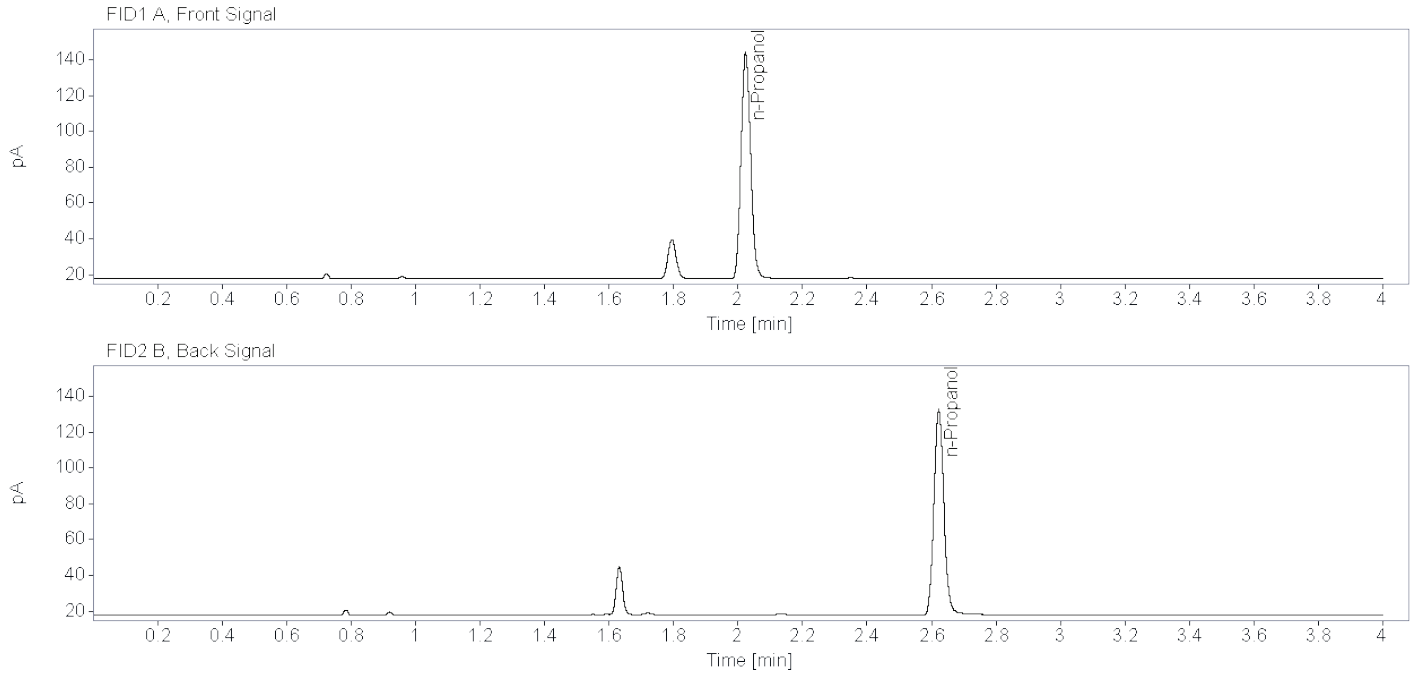
Reported UM: _____

Comments: Not bracketed by an acceptable control. Sample is negative and will not be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-2005 001 (24-1401) **Description:** Alq 1 **Sample Barcode** 24-1401 **Vial Number:** 21
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 3:33:31 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\021F0201.D



Name FID1A

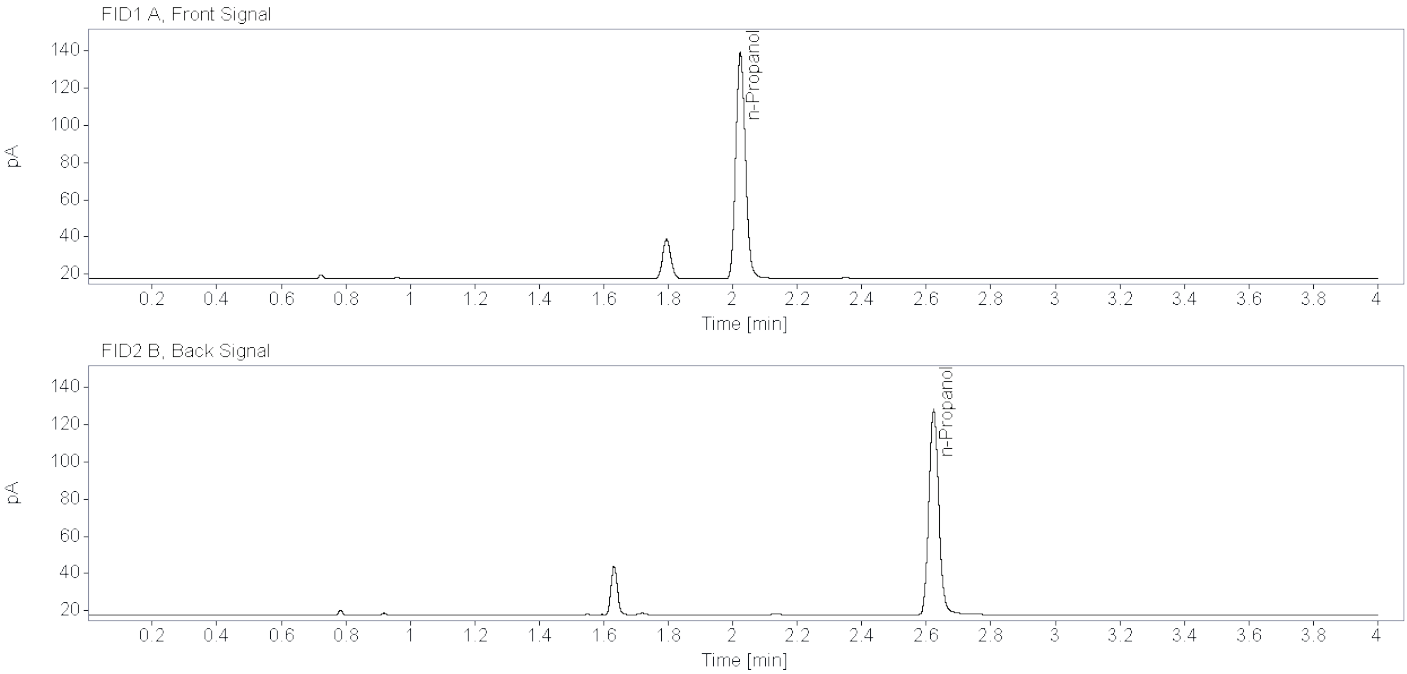
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87235	2.024	2.023	259.9230	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90186	2.622	2.621	242.9957	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-2005 001 (24-1438) **Description:** Alq 2 **Sample Barcode** 24-1438 **Vial Number:** 58
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 6:46:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\058F3901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85527	2.024	2.023	250.2890	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89317	2.623	2.621	233.3041	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-2243 001_001

Batch Name: BAC_20240617_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: Not bracketed by an acceptable control. Sample is negative and will not be repeated. -- 6/19/2024 mh

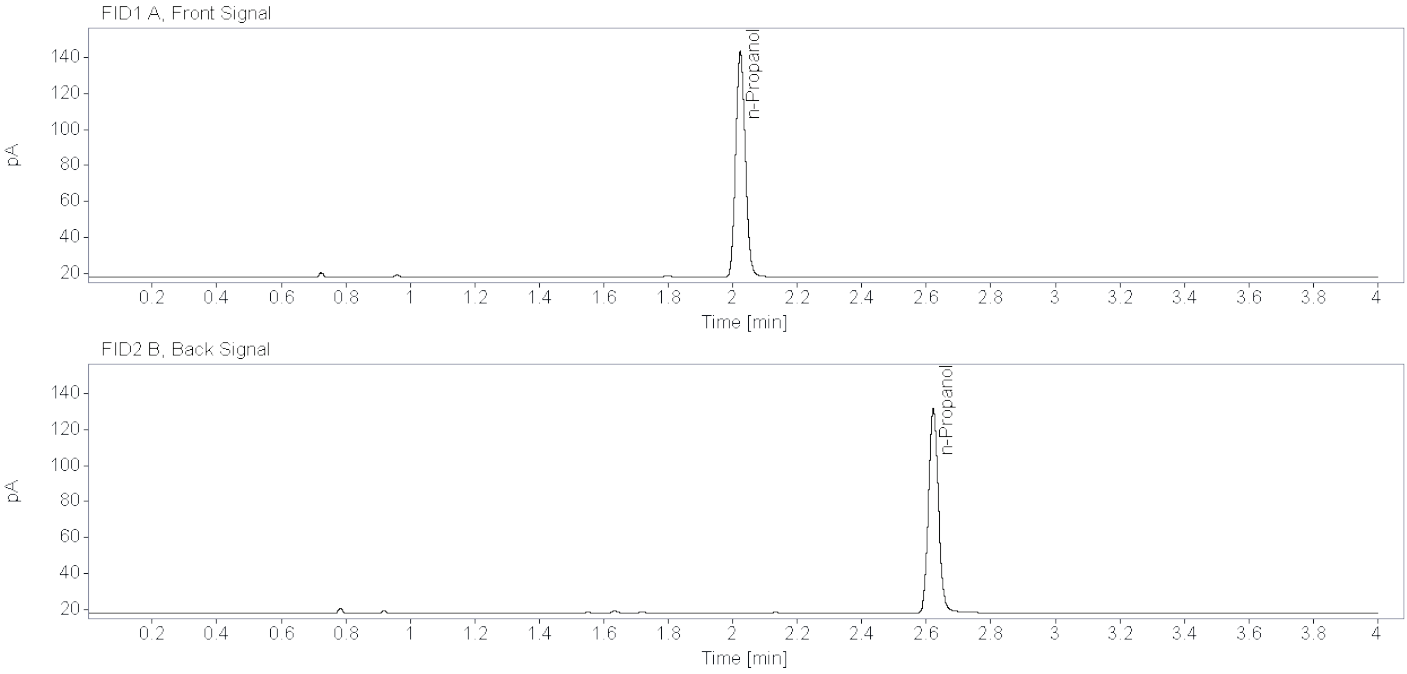
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-2243 001_001 (24-1403) **Description:** Alq 1 **Sample Barcode** 24-1403 **Vial Number:** 23

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 3:43:55 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\023F0401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86987	2.023	2.023	259.6372	0.0100

Name FID2B

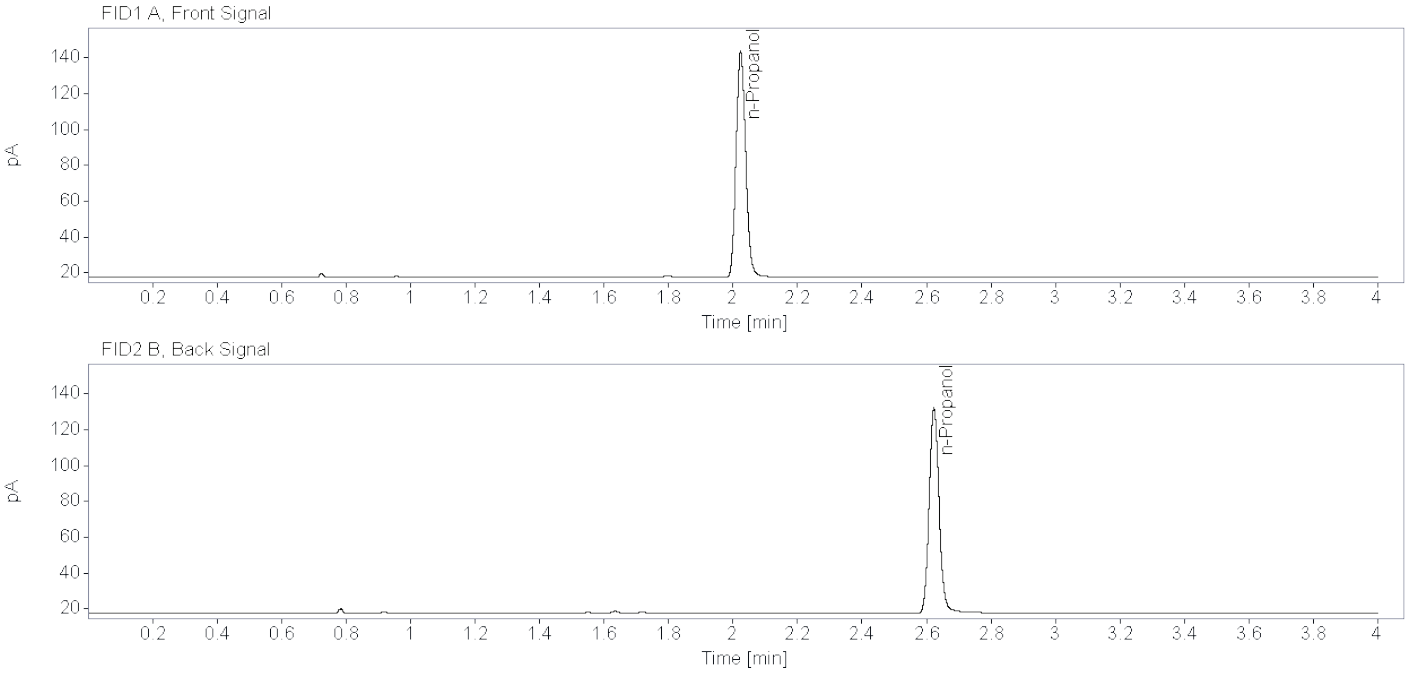
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89492	2.622	2.621	242.4259	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-2243 001_001 (24-1437) **Description:** Alq 2 **Sample Barcode** 24-1437 **Vial Number:** 57

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 6:40:43 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\057F3801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86023	2.024	2.023	258.7849	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88969	2.623	2.621	241.4582	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1107 001

Batch Name: BAC_20240617_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0202	Aliquot 1:	0.0204
	Aliquot 2:	0.0210	Aliquot 2:	0.0212

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

Reported UM: **0.003** **g/100 mL**

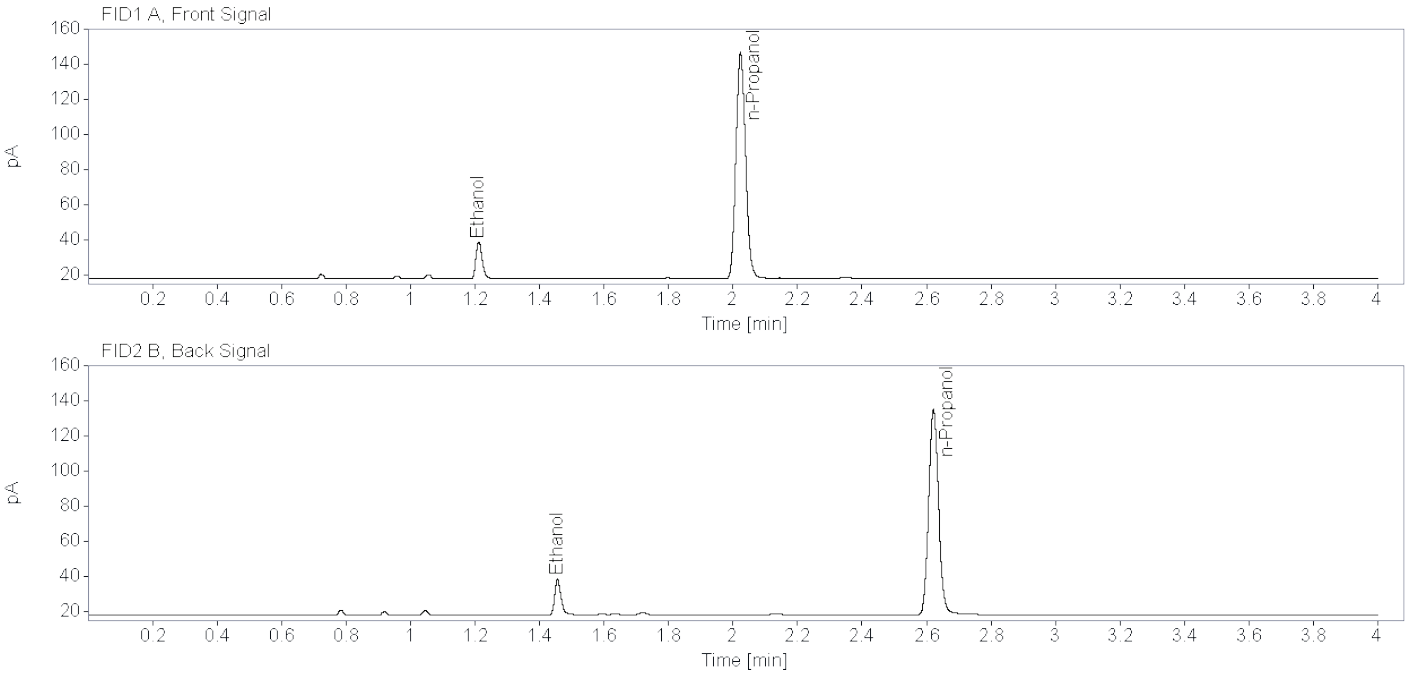
6/19/2024 mh

Comments: Not bracketed by an acceptable control. Sample will be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1107 001 (24-1404) **Description:** Alq 1 **Sample Barcode** 24-1404 **Vial Number:** 24
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 3:49:36 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\024F0501.D



Name FID1A

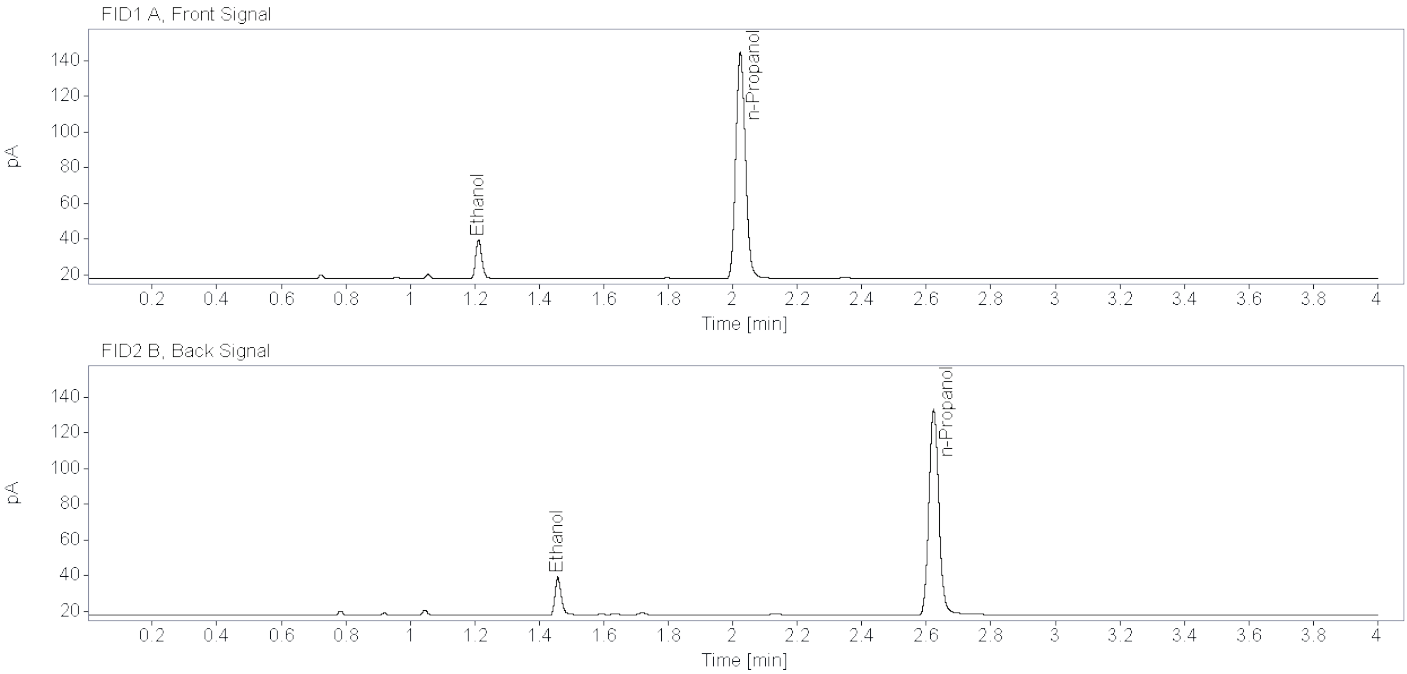
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81283	1.212	1.209	28.5777	0.0202
n-Propanol	0.86572	2.023	2.023	266.0115	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75134	1.456	1.454	27.1359	0.0204
n-Propanol	0.89952	2.622	2.621	248.9165	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1107 001 (24-1436) **Description:** Alq 2 **Sample Barcode** 24-1436 **Vial Number:** 56
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 6:36:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\056F3701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81152	1.212	1.209	29.1909	0.0210
n-Propanol	0.85749	2.024	2.023	260.9928	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77658	1.458	1.454	27.7679	0.0212
n-Propanol	0.89197	2.623	2.621	244.0463	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1121 001

Batch Name: BAC_20240617_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1283	Aliquot 1:	0.1276
	Aliquot 2:	0.1317	Aliquot 2:	0.1313

Reported Result: **0.129** **g/100 mL**

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

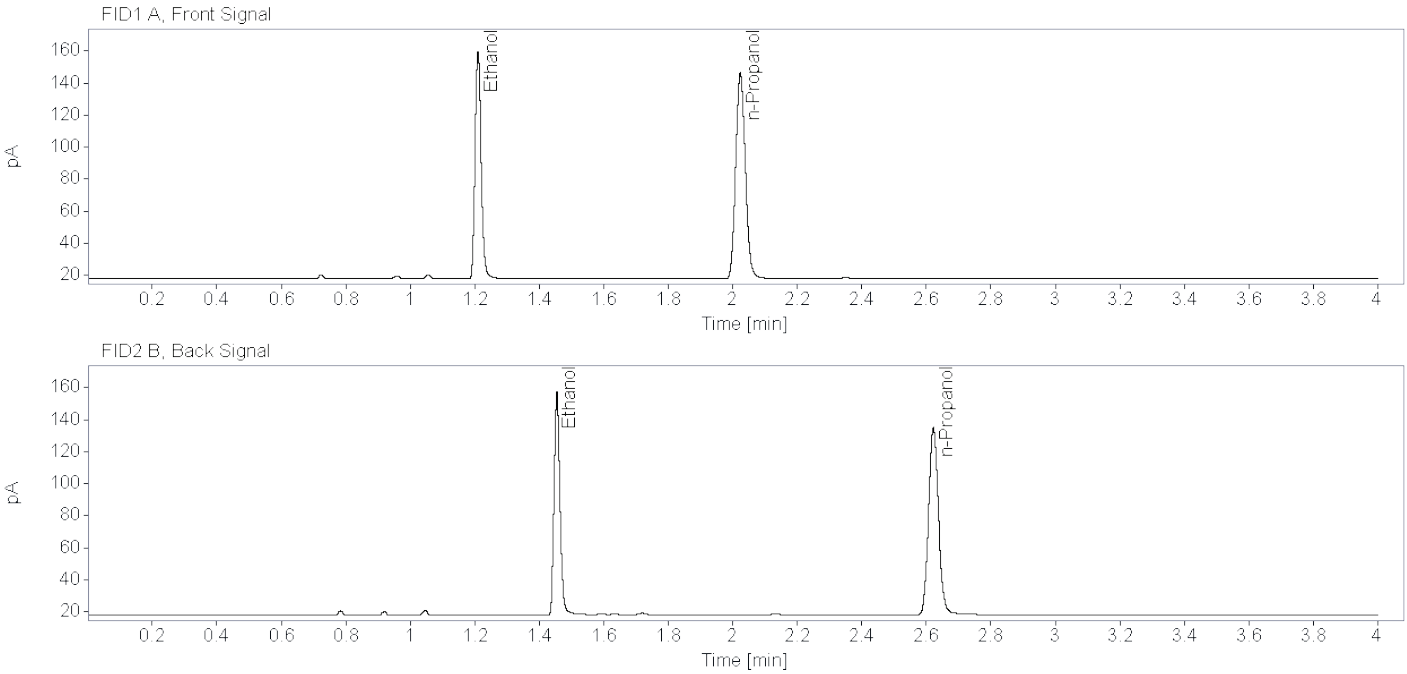
6/19/2024 mh

Comments: Not bracketed by an acceptable control. Sample will be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1121 001 (24-1405) **Description:** Alq 1 **Sample Barcode** 24-1405 **Vial Number:** 25
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 3:54:19 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\025F0601.D



Name FID1A

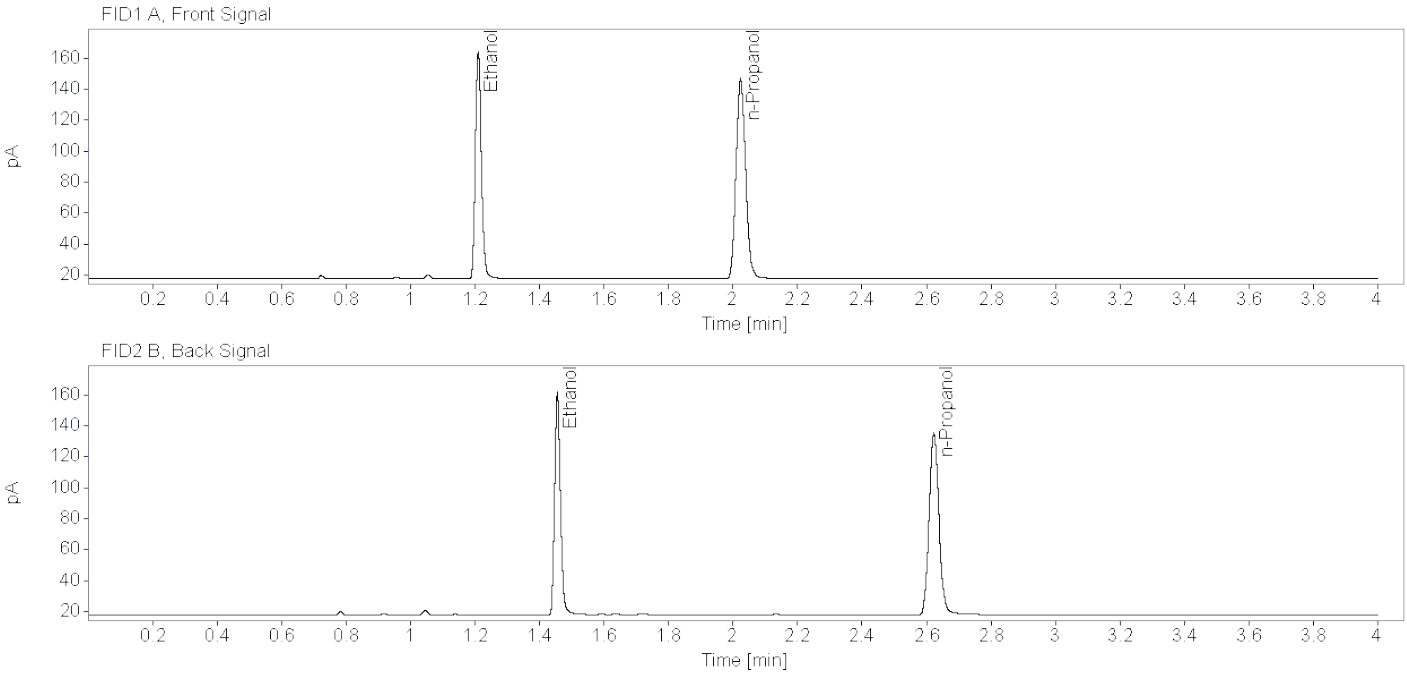
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83297	1.210	1.209	187.2070	0.1283
n-Propanol	0.86983	2.023	2.023	265.1927	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82745	1.455	1.454	176.7279	0.1276
n-Propanol	0.89295	2.622	2.621	248.2540	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1121 001 (24-1435) **Description:** Alq 2 **Sample Barcode** 24-1435 **Vial Number:** 55
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 6:30:19 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\055F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83965	1.210	1.209	191.8790	0.1317
n-Propanol	0.86150	2.023	2.023	264.6958	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83151	1.455	1.454	181.2461	0.1313
n-Propanol	0.89439	2.623	2.621	247.3564	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1122 001

Batch Name: BAC_20240617_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2367	Aliquot 1:	0.2357
	Aliquot 2:	0.2444	Aliquot 2:	0.2436

Reported Result: **0.240** **g/100 mL**

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

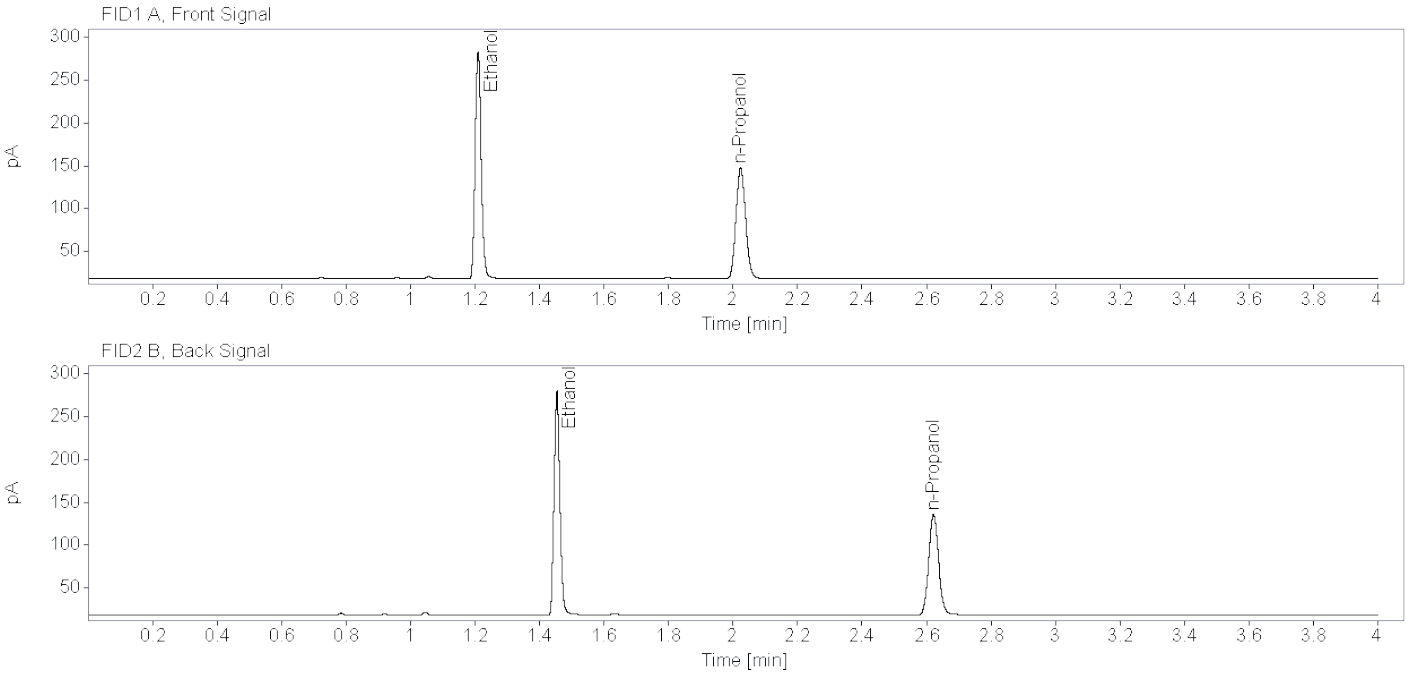
6/19/2024 mh

Comments: Not bracketed by an acceptable control. Sample will be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1122 001 (24-1406) **Description:** Alq 1 **Sample Barcode** 24-1406 **Vial Number:** 26
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 4:00:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\026F0701.D



Name FID1A

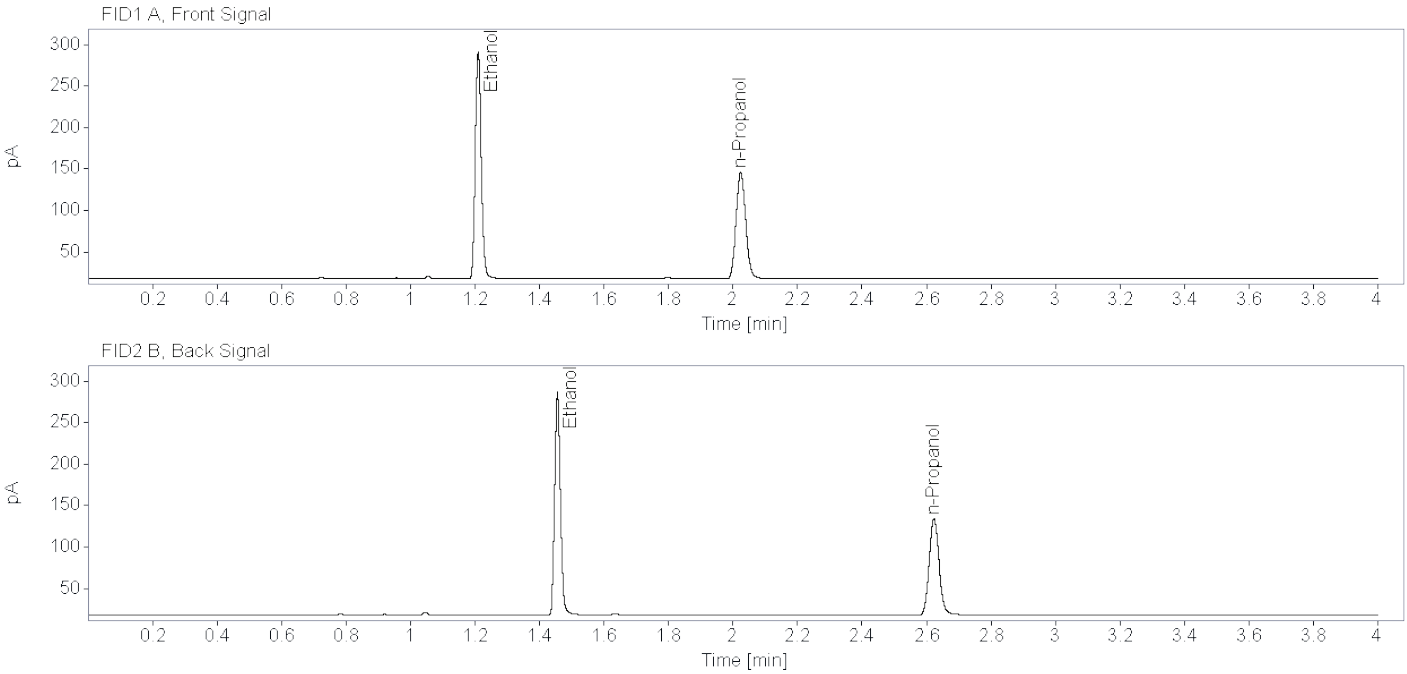
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85381	1.209	1.209	350.4314	0.2367
n-Propanol	0.87540	2.023	2.023	268.2913	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86342	1.454	1.454	330.9884	0.2357
n-Propanol	0.89890	2.622	2.621	250.6889	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1122 001 (24-1434) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 54
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 6:25:36 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\054F3501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85898	1.210	1.209	356.9295	0.2444
n-Propanol	0.86635	2.024	2.023	264.6997	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87380	1.456	1.454	337.4348	0.2436
n-Propanol	0.89463	2.623	2.621	247.1987	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1129 001

Batch Name: BAC_20240617_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

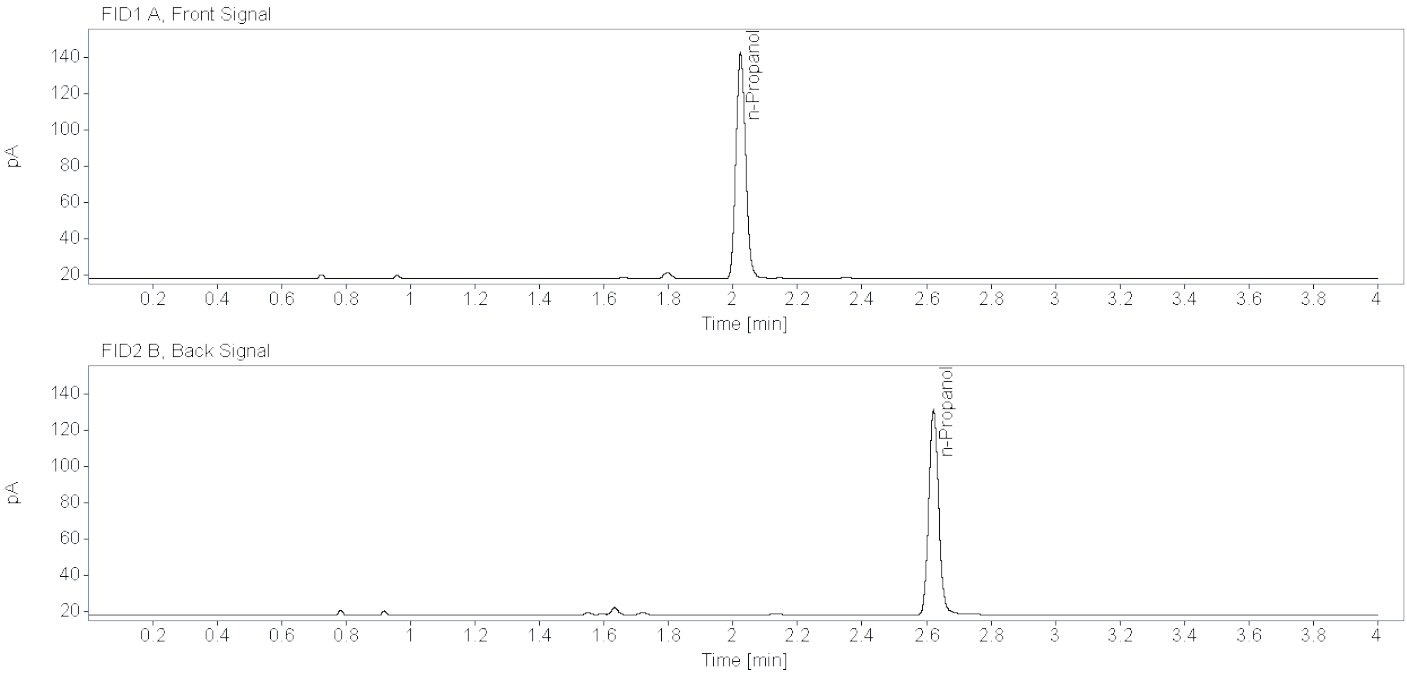
Reported UM: _____

Comments: Not bracketed by an acceptable control. Sample is negative and will not be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1129 001 (24-1407) **Description:** Alq 1 **Sample Barcode** 24-1407 **Vial Number:** 27
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 4:04:43 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\027F0801.D



Name FID1A

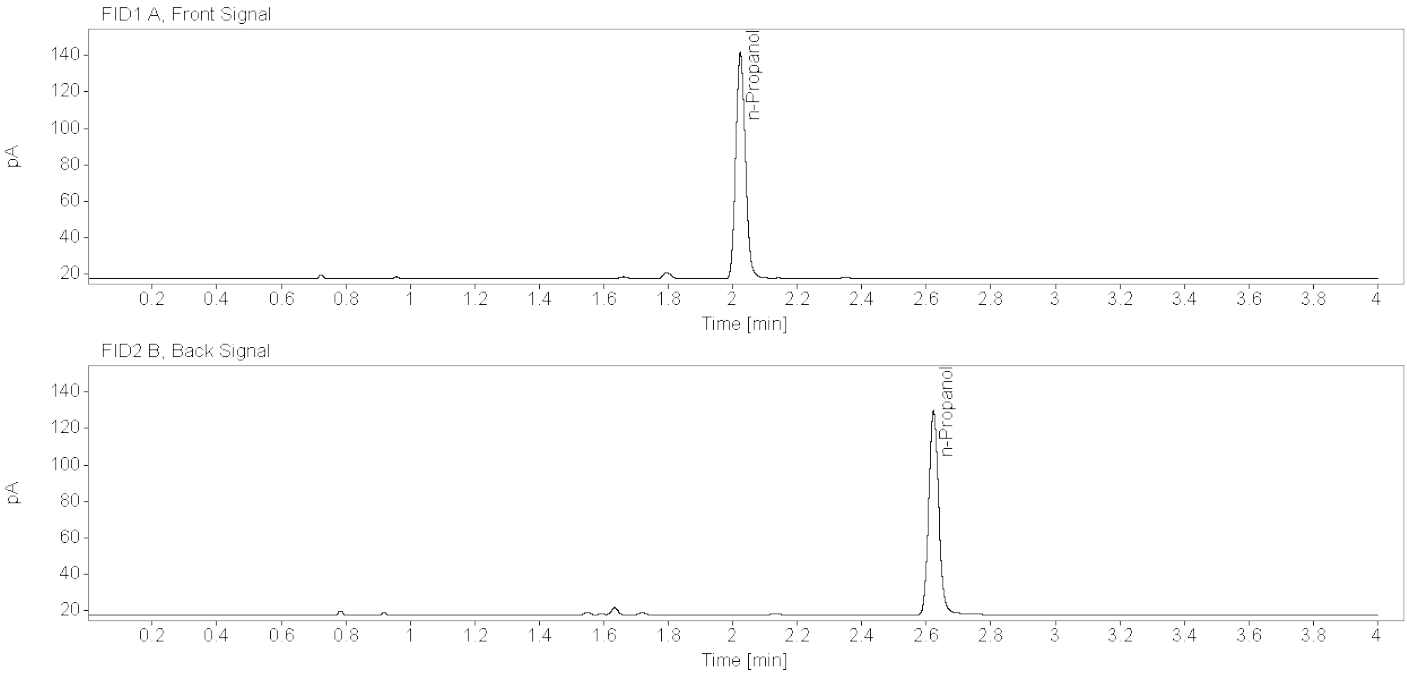
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87310	2.023	2.023	257.7924	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89517	2.622	2.621	240.9086	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1129 001 (24-1433) **Description:** Alq 2 **Sample Barcode** 24-1433 **Vial Number:** 53
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 6:19:56 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\053F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85526	2.023	2.023	254.7961	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89035	2.623	2.621	238.0483	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1145 005

Batch Name: BAC_20240617_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1374	Aliquot 1:	0.1370
	Aliquot 2:	0.1411	Aliquot 2:	0.1405

Reported Result: **0.139** **g/100 mL**

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

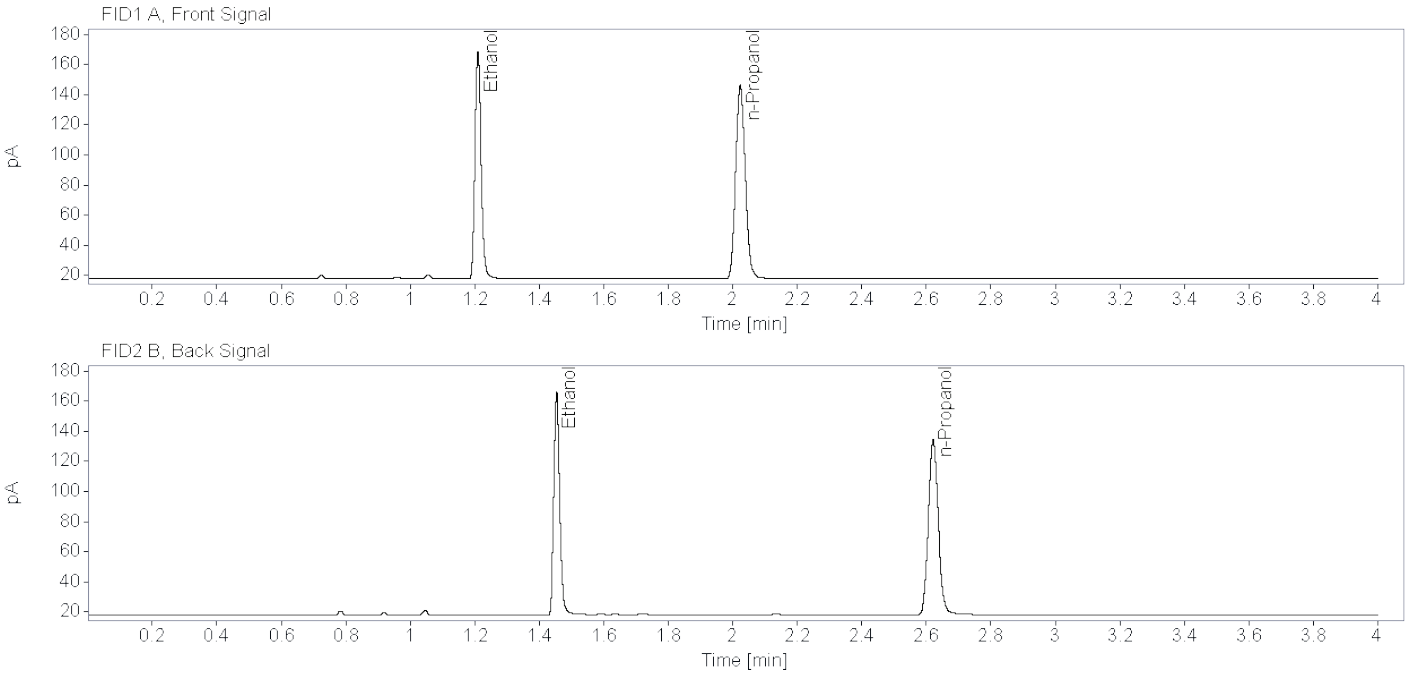
6/19/2024 mh

Comments: Not bracketed by an acceptable control. Sample will be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1145 005 (24-1408) **Description:** Alq 1 **Sample Barcode** 24-1408 **Vial Number:** 28
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 4:10:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\028F0901.D



Name FID1A

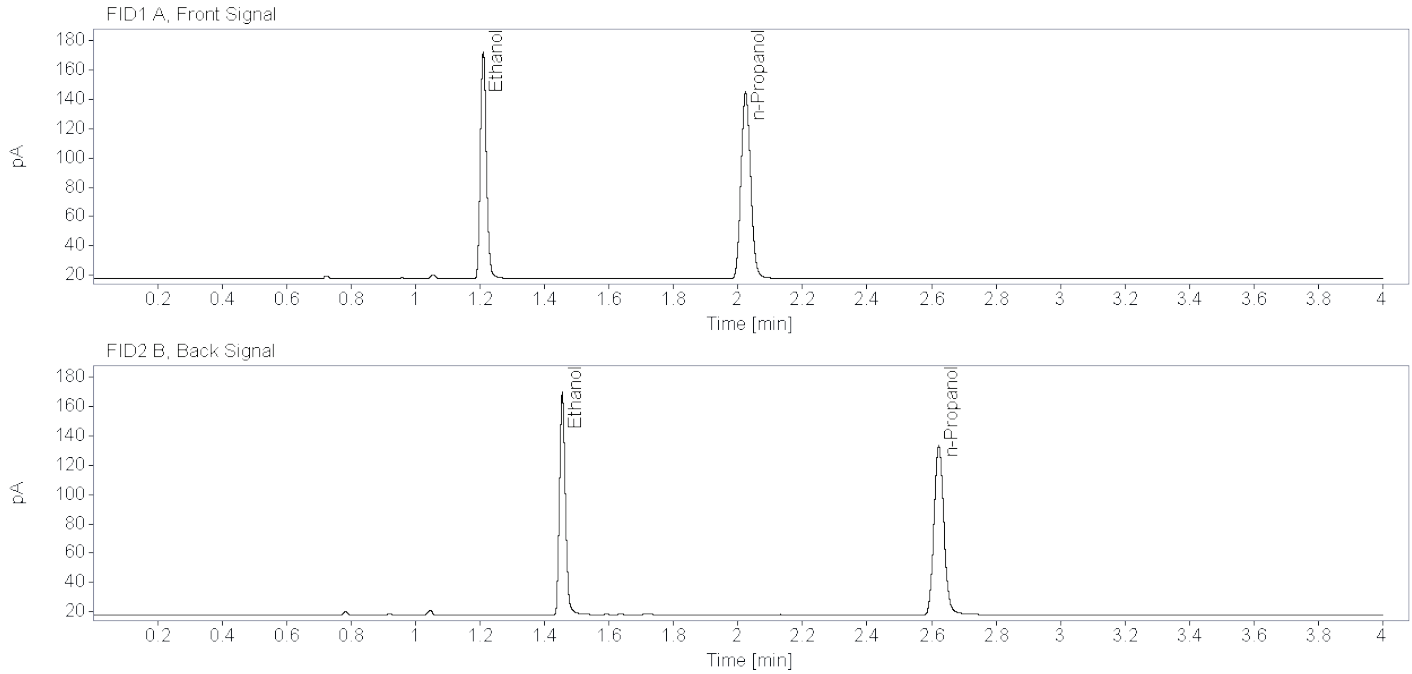
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82907	1.210	1.209	200.8163	0.1374
n-Propanol	0.86184	2.023	2.023	265.4731	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82782	1.454	1.454	189.7977	0.1370
n-Propanol	0.90226	2.621	2.621	248.0571	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1145 005 (24-1432) **Description:** Alq 2 **Sample Barcode** 24-1432 **Vial Number:** 52
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 6:15:12 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\052F3301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84107	1.210	1.209	203.5734	0.1411
n-Propanol	0.86310	2.023	2.023	261.9901	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83388	1.455	1.454	192.1213	0.1405
n-Propanol	0.88906	2.622	2.621	244.9031	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1151 001

Batch Name: BAC_20240617_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1396	Aliquot 1:	0.1391
	Aliquot 2:	0.1488	Aliquot 2:	0.1482

Reported Result: **0.143** **g/100 mL**

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

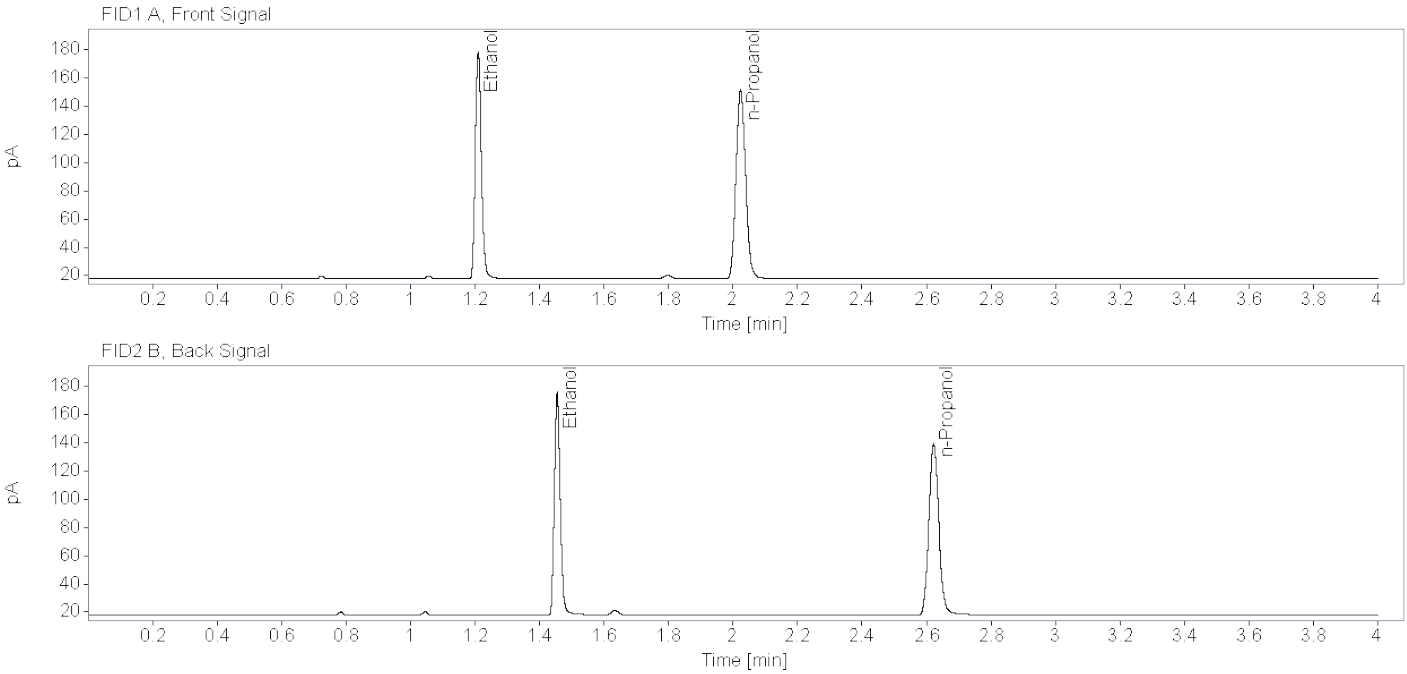
6/19/2024 mh

Comments: Not bracketed by an acceptable control. Sample will be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1151 001 (24-1409) **Description:** Alq 1 **Sample Barcode** 24-1409 **Vial Number:** 29
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 4:15:07 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\029F1001.D



Name FID1A

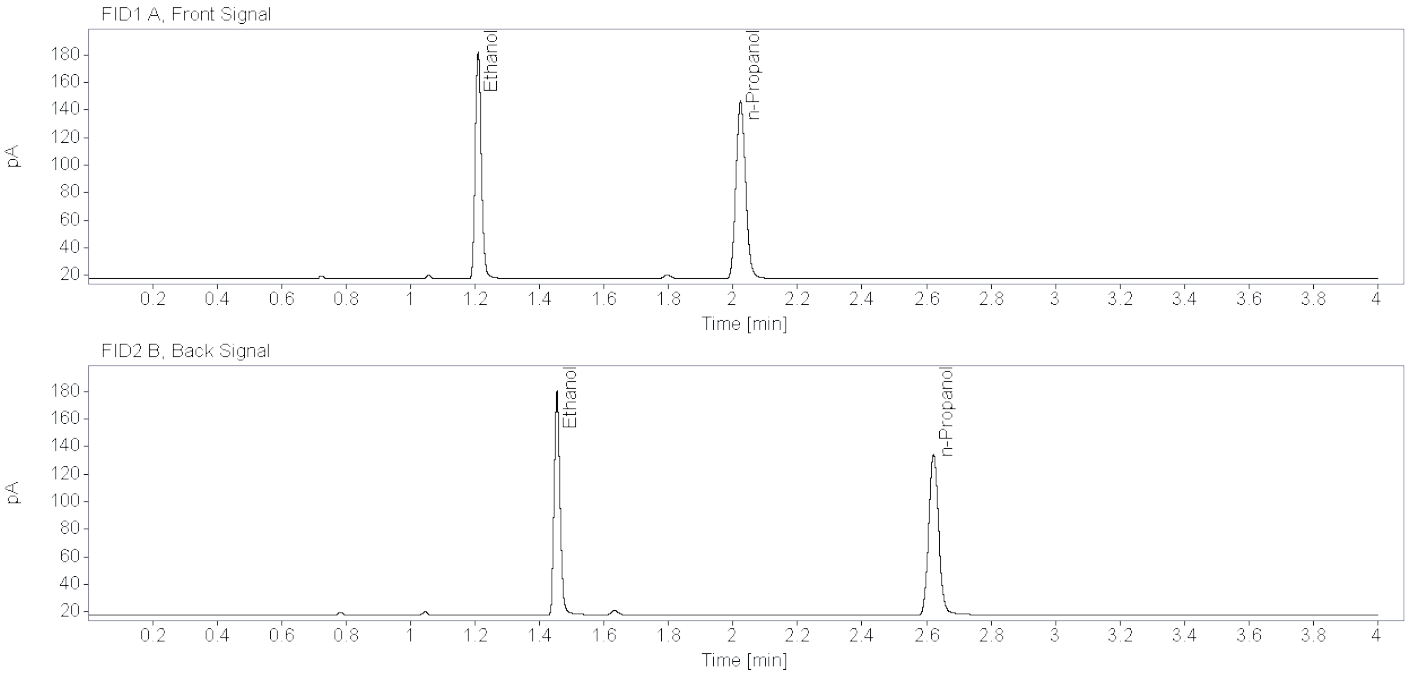
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84448	1.210	1.209	212.4183	0.1396
n-Propanol	0.86862	2.023	2.023	276.3728	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83839	1.455	1.454	200.4294	0.1391
n-Propanol	0.90031	2.622	2.621	258.0830	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1151 001 (24-1430) **Description:** Alq 2 **Sample Barcode** 24-1430 **Vial Number:** 50
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 6:04:48 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\050F3101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83673	1.210	1.209	217.9618	0.1488
n-Propanol	0.86162	2.023	2.023	265.9981	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83307	1.454	1.454	205.5237	0.1482
n-Propanol	0.89784	2.622	2.621	248.2084	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1152 001

Batch Name: BAC_20240617_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2599	Aliquot 1:	0.2591
	Aliquot 2:	0.2462	Aliquot 2:	0.2454

Reported Result: **0.252** **g/100 mL**

Reported UM: **0.036** **g/100 mL**

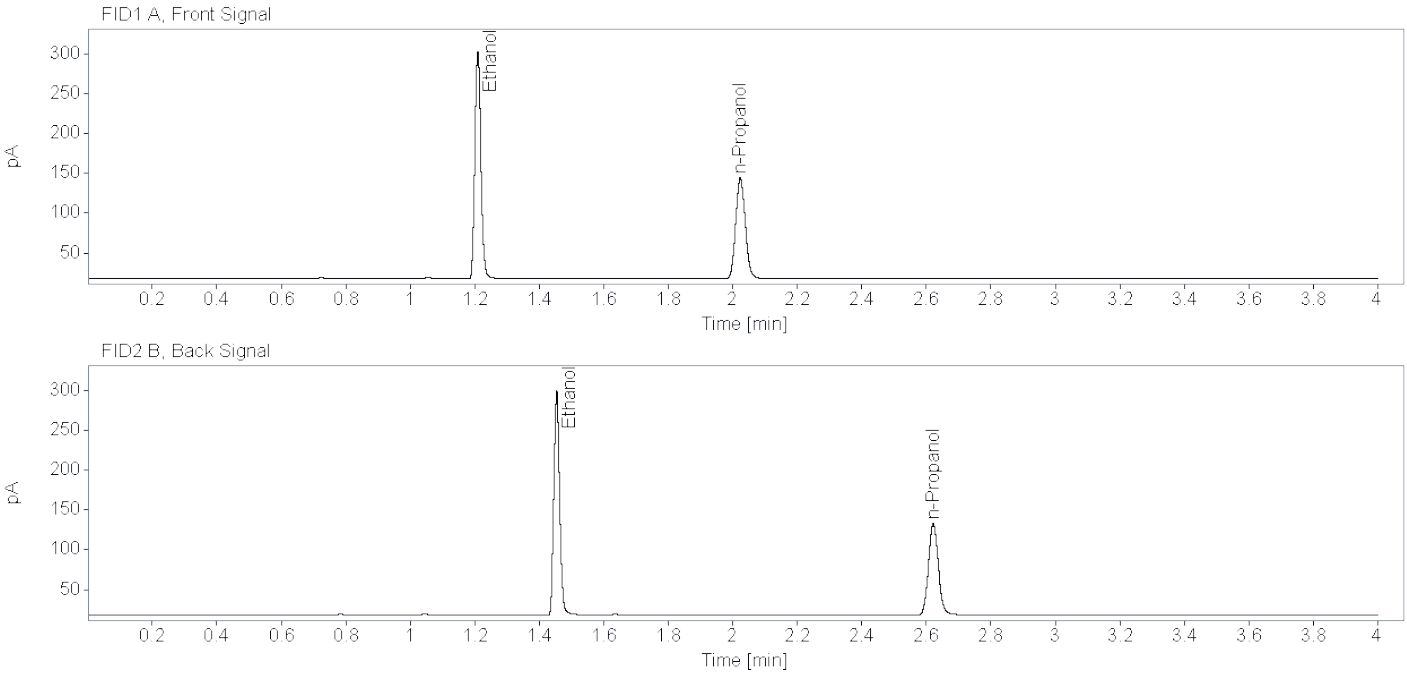
6/19/2024 mh

Comments: Not bracketed by an acceptable control. Sample will be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1152 001 (24-1410) **Description:** Alq 1 **Sample Barcode** 24-1410 **Vial Number:** 30
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 4:20:48 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\030F1101.D



Name FID1A

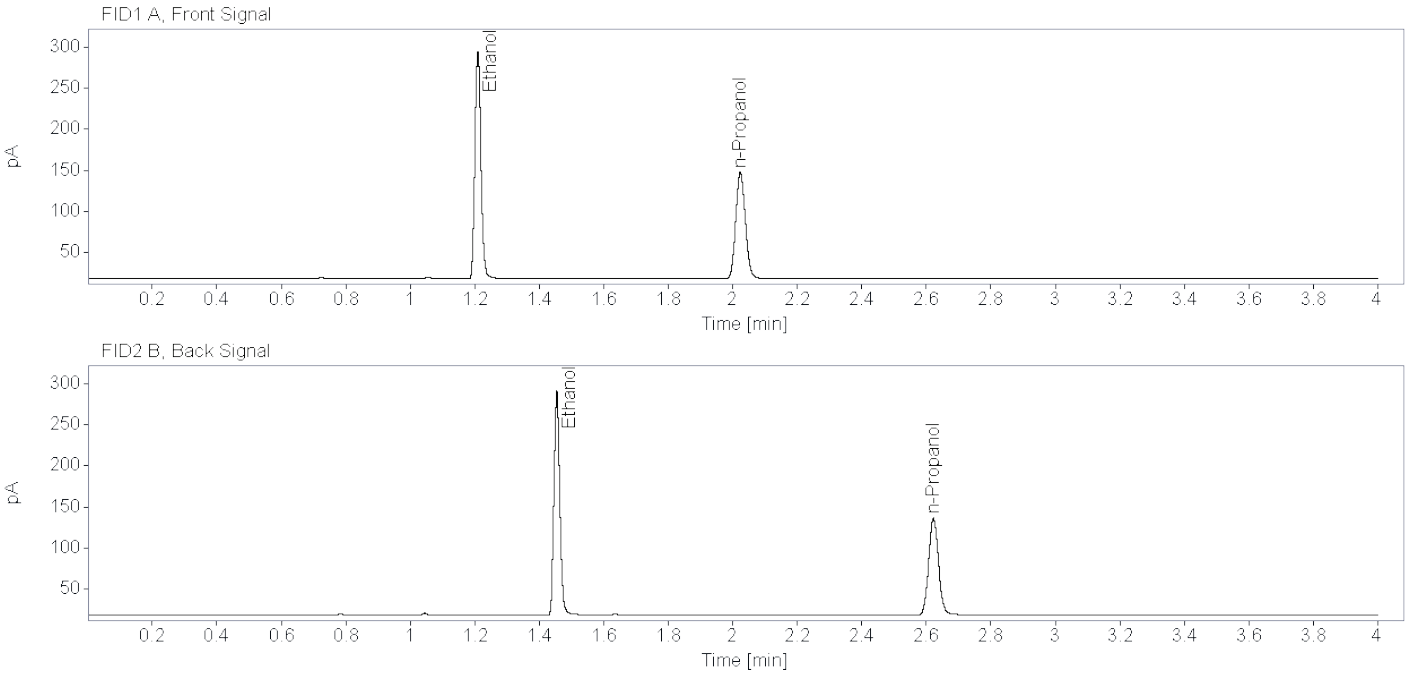
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87083	1.209	1.209	375.0931	0.2599
n-Propanol	0.86199	2.023	2.023	261.5174	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87142	1.454	1.454	355.3460	0.2591
n-Propanol	0.88605	2.622	2.621	244.6906	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1152 001 (24-1429) **Description:** Alq 2 **Sample Barcode** 24-1429 **Vial Number:** 49
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 5:59:07 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\049F3001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84822	1.210	1.209	364.5166	0.2462
n-Propanol	0.85972	2.023	2.023	268.3413	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87405	1.455	1.454	345.3368	0.2454
n-Propanol	0.89655	2.622	2.621	251.1178	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1153 001

Batch Name: BAC_20240617_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1367	Aliquot 1:	0.1359
	Aliquot 2:	0.1363	Aliquot 2:	0.1357

Reported Result: **0.136** **g/100 mL**

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

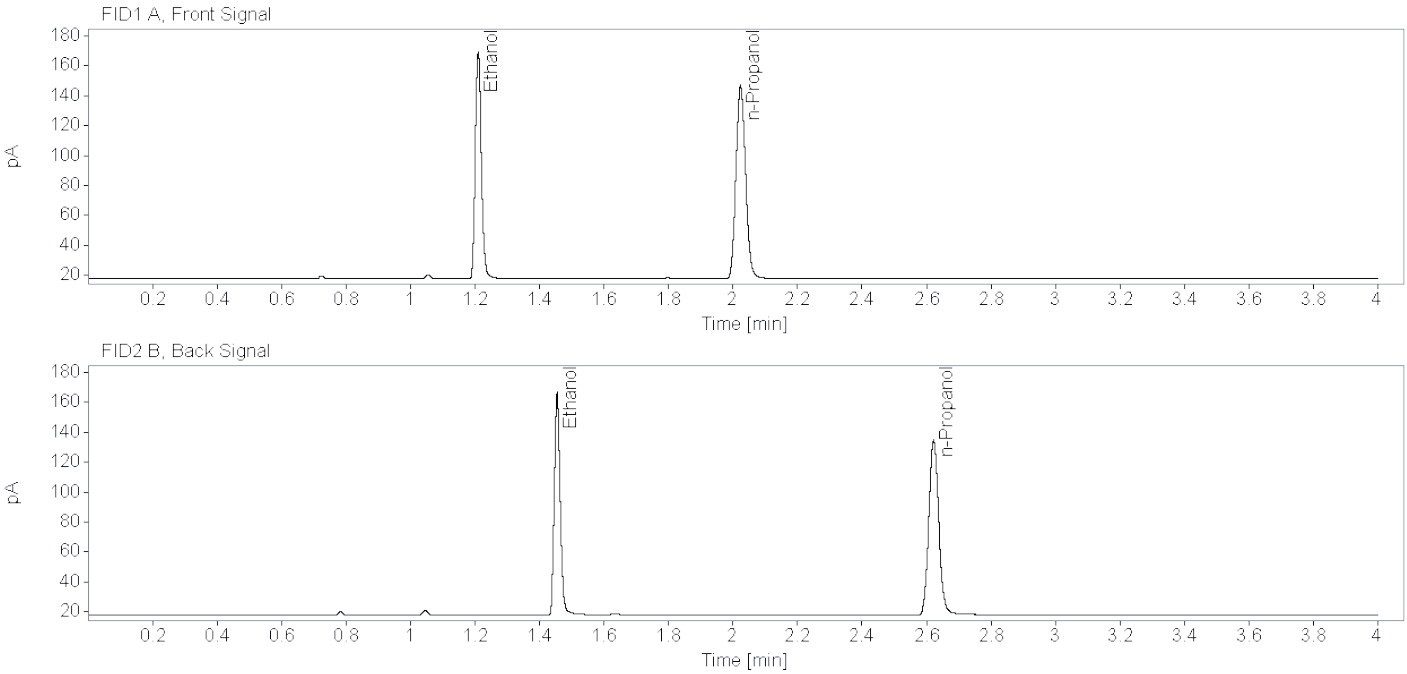
6/19/2024 mh

Comments: Not bracketed by an acceptable control. Sample will be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1153 001 (24-1411) **Description:** Alq 1 **Sample Barcode** 24-1411 **Vial Number:** 31
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 4:25:31 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\031F1201.D



Name FID1A

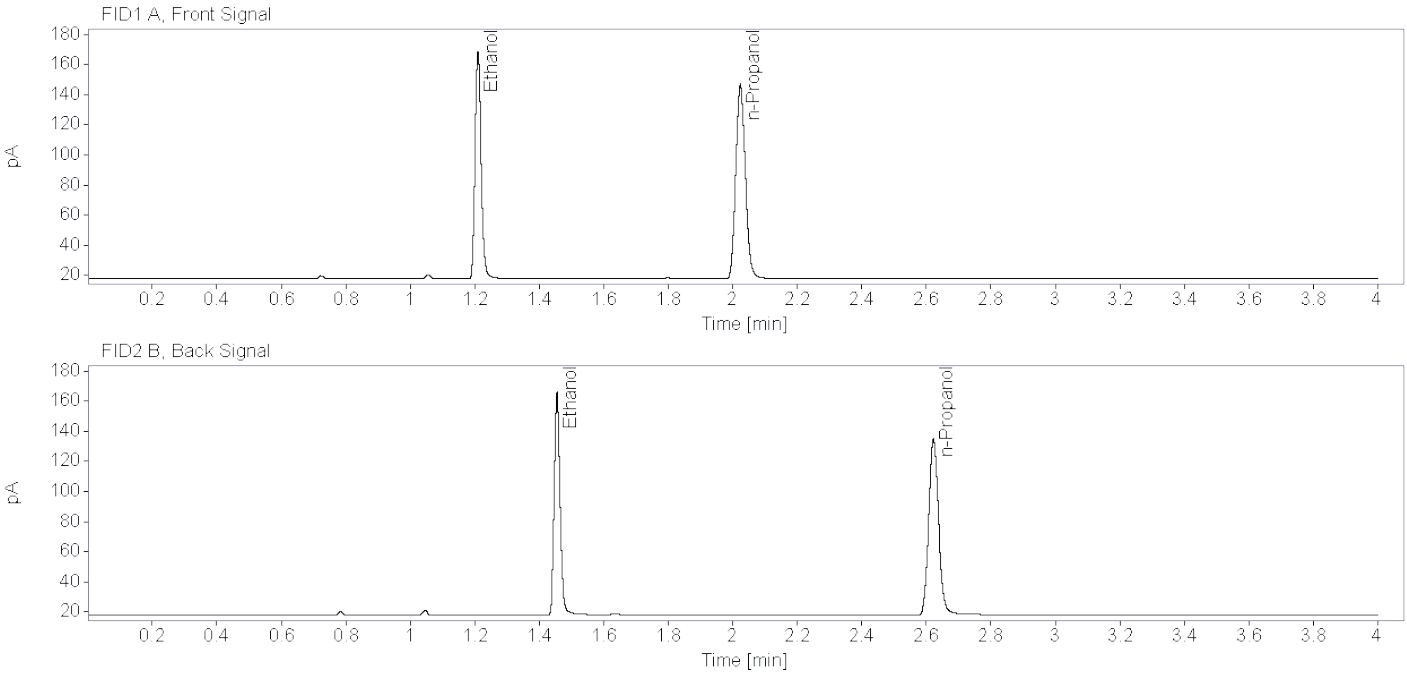
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83924	1.210	1.209	200.2166	0.1367
n-Propanol	0.86906	2.023	2.023	266.0131	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83135	1.455	1.454	188.7300	0.1359
n-Propanol	0.89810	2.622	2.621	248.6359	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1153 001 (24-1428) **Description:** Alq 2 **Sample Barcode** 24-1428 **Vial Number:** 48
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 5:54:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\048F2901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82741	1.210	1.209	199.1232	0.1363
n-Propanol	0.85670	2.023	2.023	265.3190	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83156	1.455	1.454	187.8852	0.1357
n-Propanol	0.89193	2.622	2.621	247.9589	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1154 001

Batch Name: BAC_20240617_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1820	Aliquot 1:	0.1811
	Aliquot 2:	0.1975	Aliquot 2:	0.1967

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

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

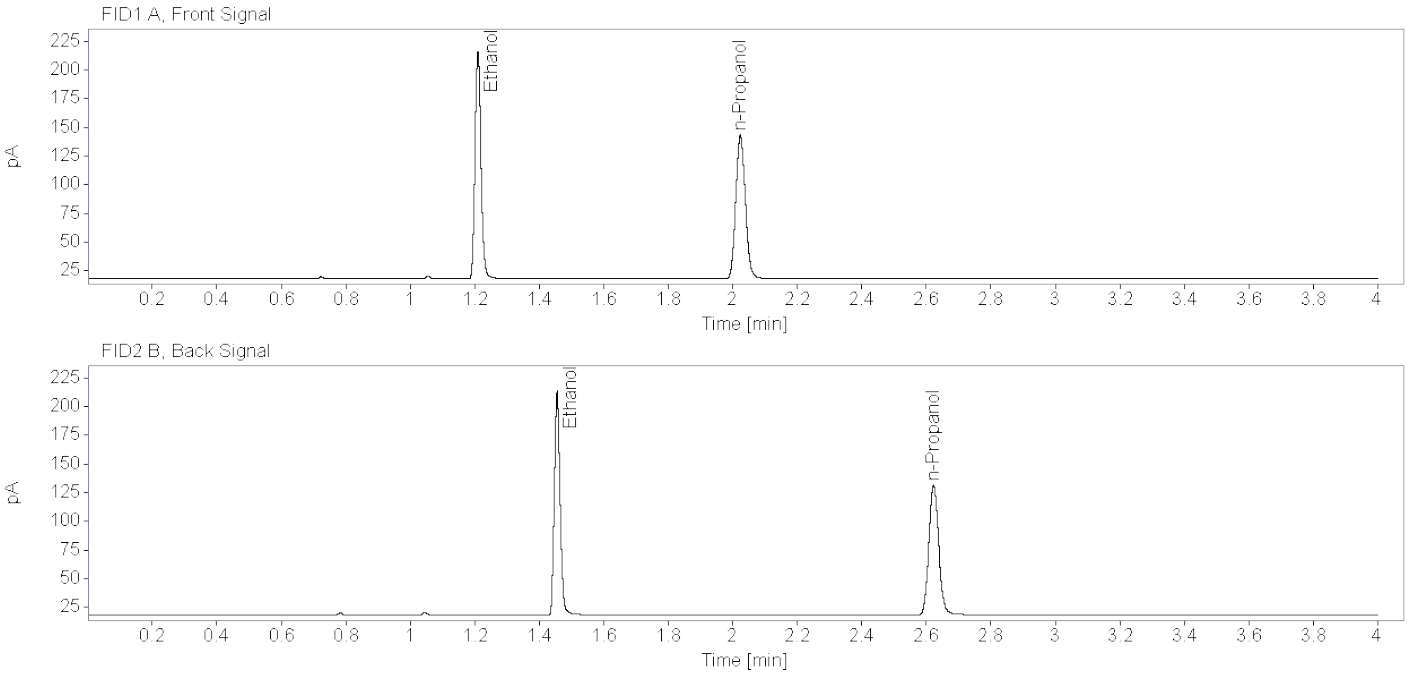
6/19/2024 mh

Comments: Not bracketed by an acceptable control. Sample will be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1154 001 (24-1412) **Description:** Alq 1 **Sample Barcode** 24-1412 **Vial Number:** 32
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 4:31:12 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\032F1301.D



Name FID1A

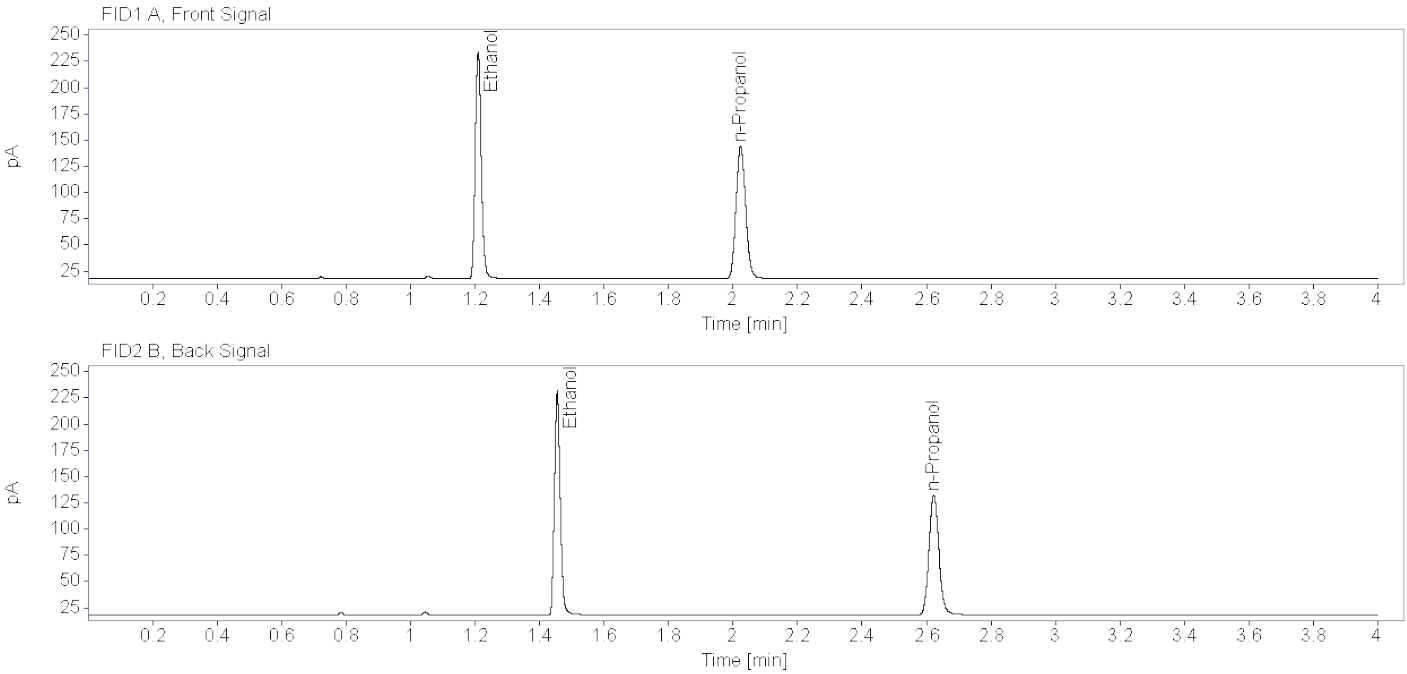
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83905	1.210	1.209	258.2439	0.1820
n-Propanol	0.86337	2.024	2.023	257.4513	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84644	1.455	1.454	243.8361	0.1811
n-Propanol	0.89555	2.623	2.621	240.7284	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1154 001 (24-1427) **Description:** Alq 2 **Sample Barcode** 24-1427 **Vial Number:** 47
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 5:48:43 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\047F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84617	1.210	1.209	284.1720	0.1975
n-Propanol	0.86436	2.024	2.023	260.9603	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85342	1.455	1.454	268.3263	0.1967
n-Propanol	0.89787	2.622	2.621	243.7037	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1155 001

Batch Name: BAC_20240617_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1592	Aliquot 1:	0.1587
	Aliquot 2:	0.1712	Aliquot 2:	0.1707

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

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

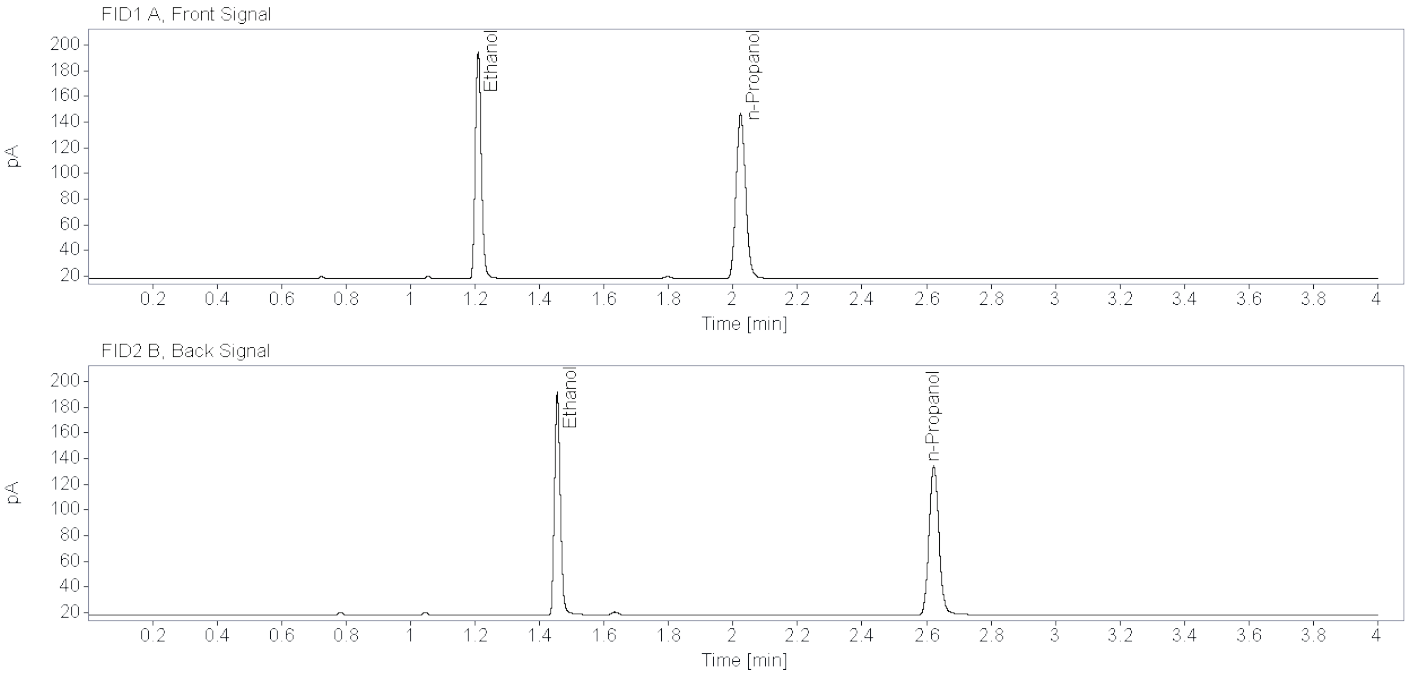
6/19/2024 mh

Comments: Not bracketed by an acceptable control. Sample will be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1155 001 (24-1414) **Description:** Alq 1 **Sample Barcode** 24-1414 **Vial Number:** 34
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 4:41:36 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\034F1501.D



Name FID1A

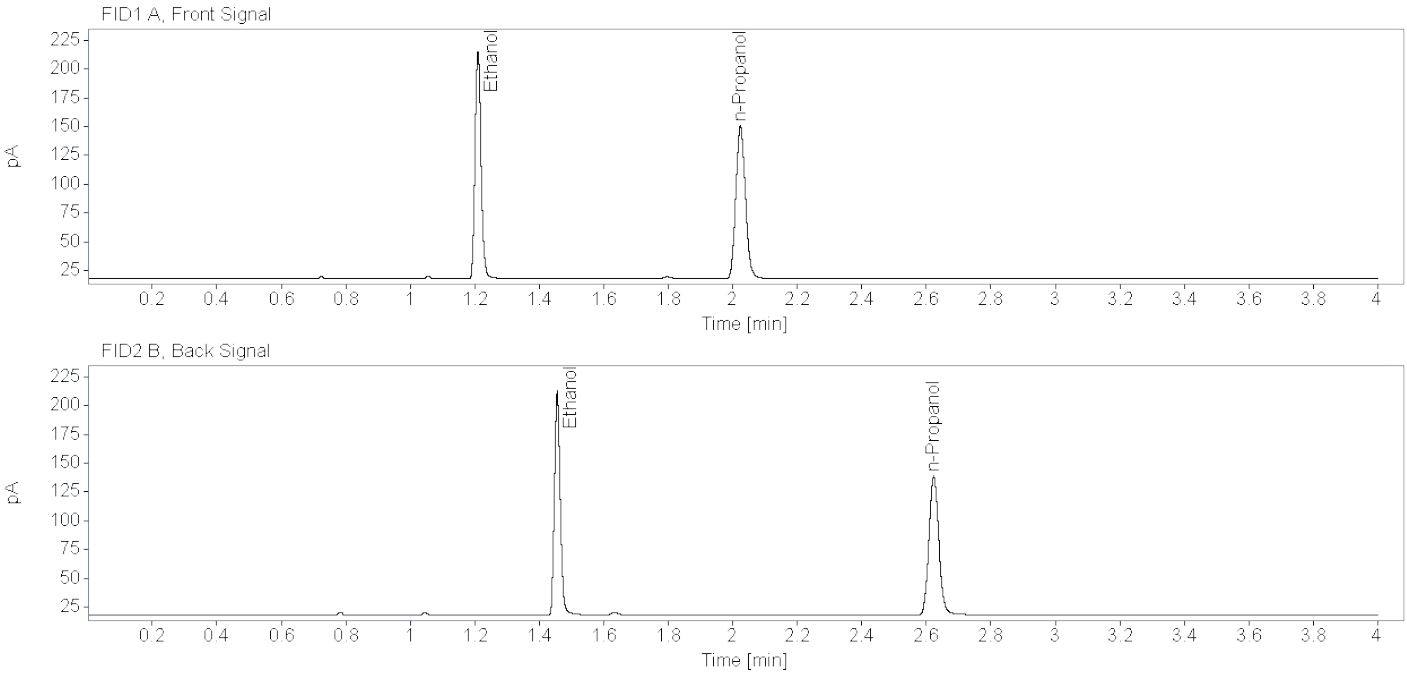
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84736	1.210	1.209	231.4608	0.1592
n-Propanol	0.86700	2.024	2.023	263.9721	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84243	1.455	1.454	218.6099	0.1587
n-Propanol	0.88993	2.623	2.621	246.4084	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1155 001 (24-1426) **Description:** Alq 2 **Sample Barcode** 24-1426 **Vial Number:** 46
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 5:44:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\046F2701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83924	1.210	1.209	257.8636	0.1712
n-Propanol	0.86697	2.024	2.023	273.2852	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84951	1.456	1.454	243.7552	0.1707
n-Propanol	0.89578	2.623	2.621	255.2651	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1156 001

Batch Name: BAC_20240617_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2276	Aliquot 1:	0.2270
	Aliquot 2:	0.2194	Aliquot 2:	0.2185

Reported Result: **0.223** **g/100 mL**

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

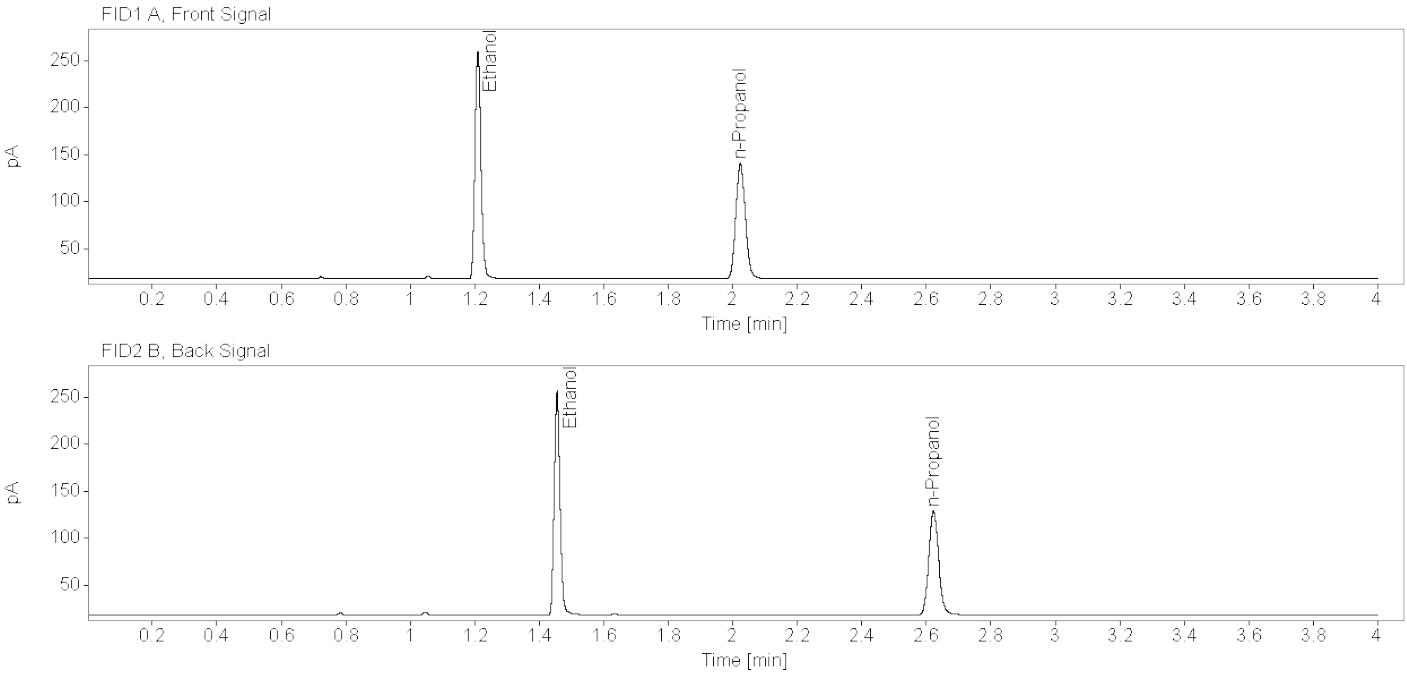
6/19/2024 mh

Comments: Not bracketed by an acceptable control. Sample will be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1156 001 (24-1415) **Description:** Alq 1 **Sample Barcode** 24-1415 **Vial Number:** 35
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 4:46:19 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\035F1601.D



Name FID1A

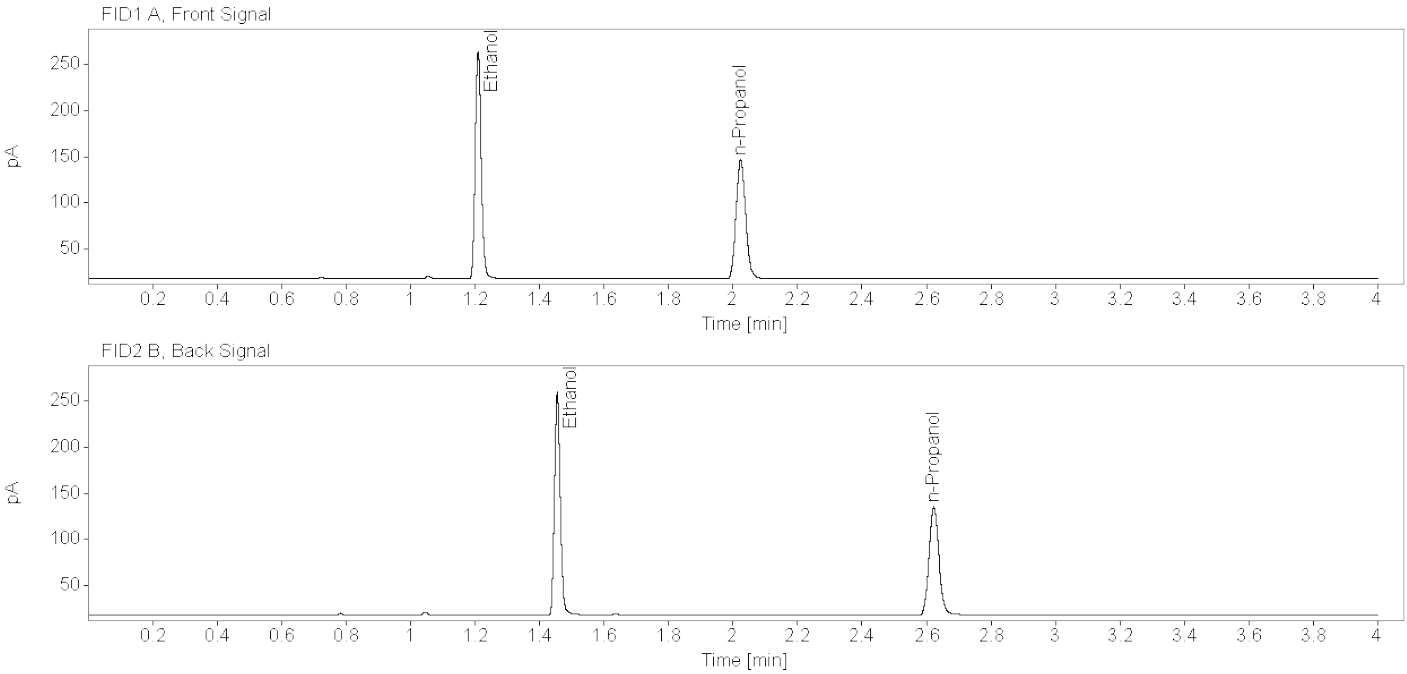
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84216	1.210	1.209	316.0160	0.2276
n-Propanol	0.85820	2.024	2.023	251.6412	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86016	1.455	1.454	298.4237	0.2270
n-Propanol	0.89464	2.623	2.621	234.7634	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1156 001 (24-1425) **Description:** Alq 2 **Sample Barcode** 24-1425 **Vial Number:** 45
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 5:38:19 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\045F2601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84877	1.210	1.209	321.3218	0.2194
n-Propanol	0.87083	2.024	2.023	265.4420	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86437	1.455	1.454	303.5229	0.2185
n-Propanol	0.89389	2.623	2.621	248.0833	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1157 002

Batch Name: BAC_20240617_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

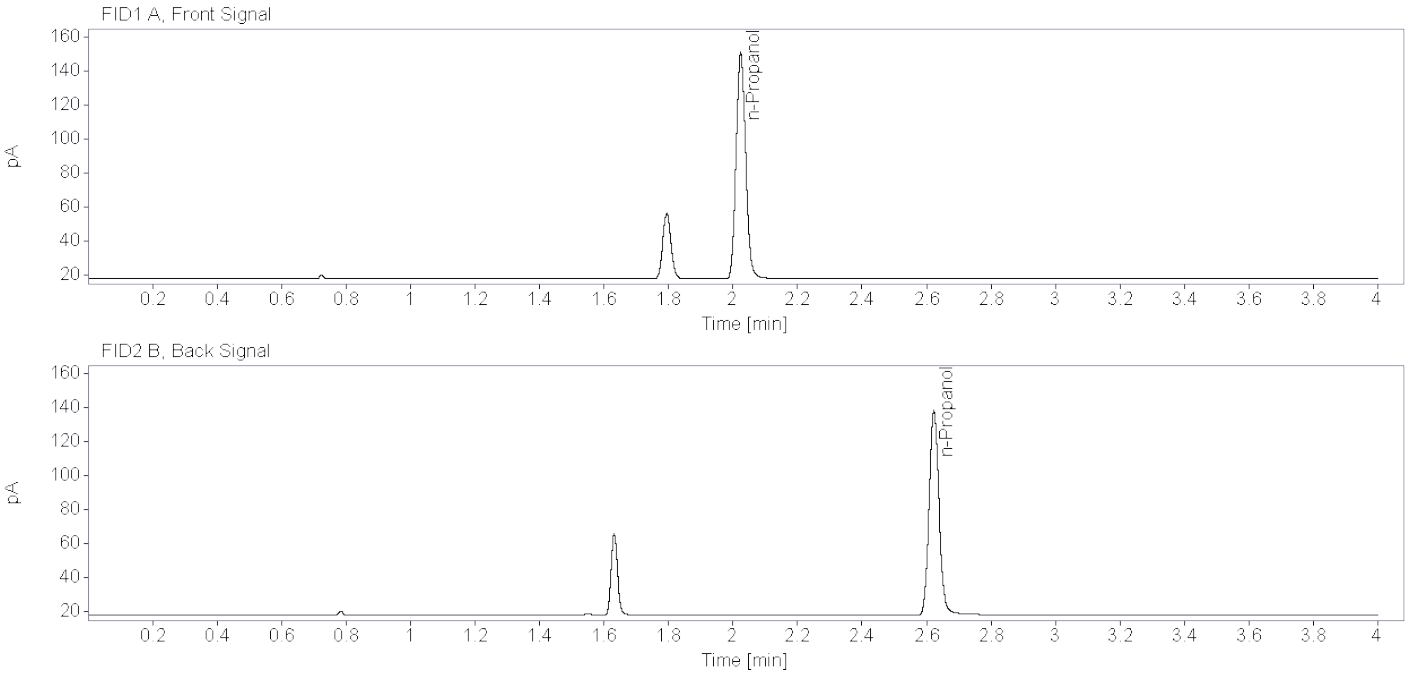
Reported UM: _____

Comments: Not bracketed by an acceptable control. Sample is negative and will not be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1157 002 (24-1416) **Description:** Alq 1 **Sample Barcode** 24-1416 **Vial Number:** 36
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 4:52:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\036F1701.D



Name FID1A

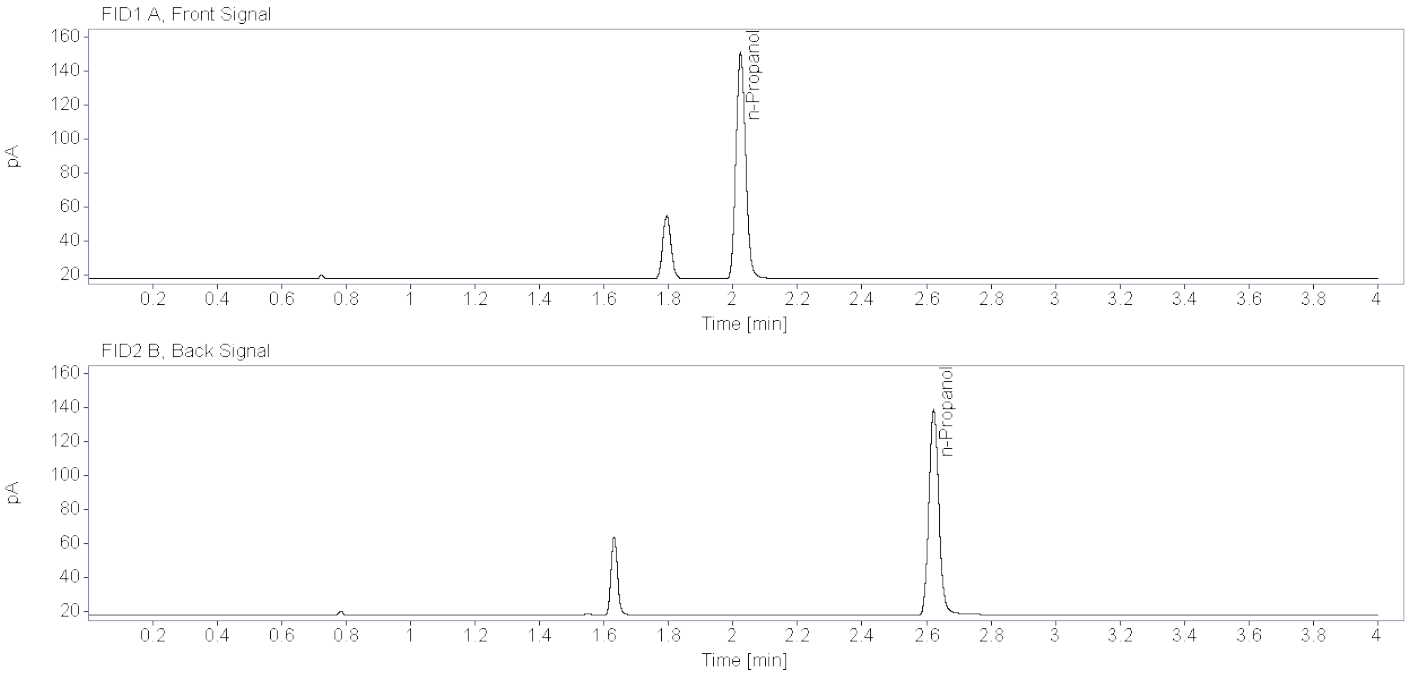
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87184	2.024	2.023	273.3039	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89384	2.623	2.621	254.9878	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1157 002 (24-1424 **Description:** Alq 2 **Sample Barcode** 24-1424 **Vial Number:** 44
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 5:33:36 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\044F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87240	2.024	2.023	275.2096	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89465	2.622	2.621	256.8359	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1158 001

Batch Name: BAC_20240617_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2411	Aliquot 1:	0.2399
	Aliquot 2:	0.2599	Aliquot 2:	0.2590

Reported Result: **0.249** **g/100 mL**

Reported UM: **0.036** **g/100 mL**

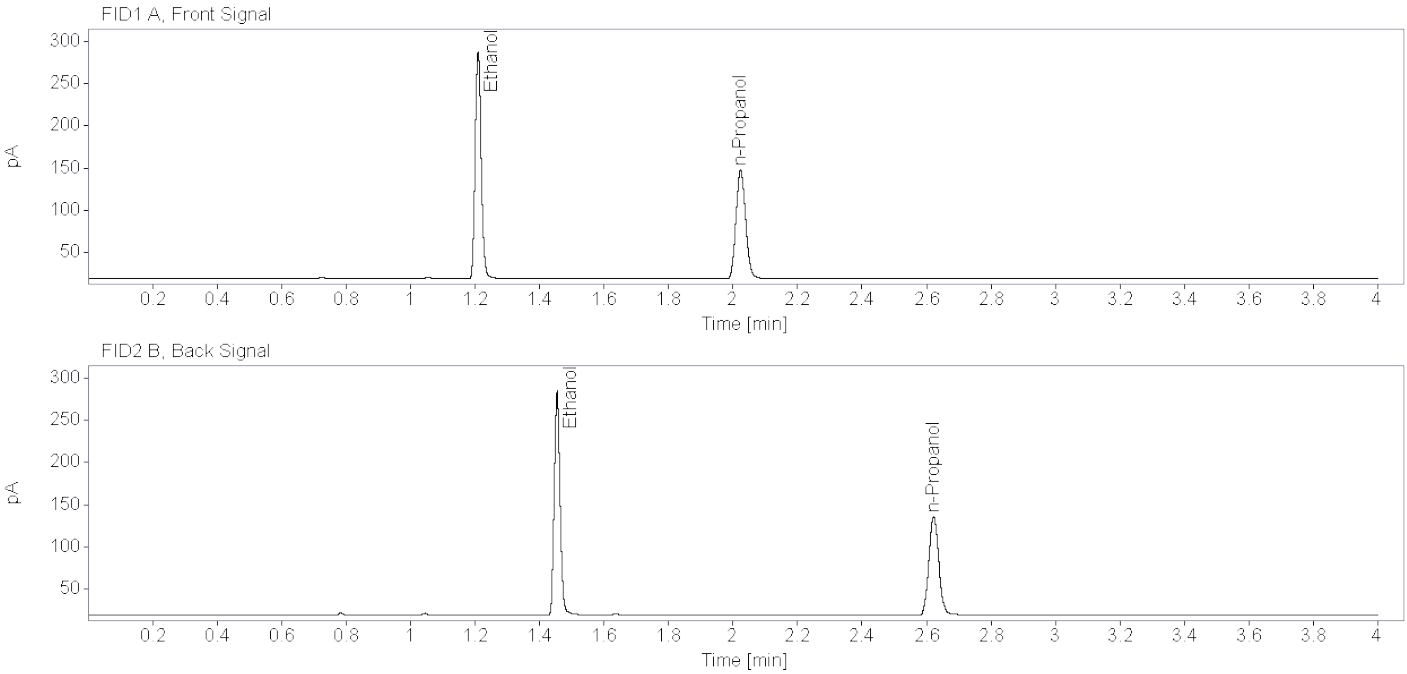
6/19/2024 mh

Comments: Not bracketed by an acceptable control. Sample will be repeated. -- 6/19/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1158 001 (24-1417) **Description:** Alq 1 **Sample Barcode** 24-1417 **Vial Number:** 37
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 4:56:43 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\037F1801.D



Name FID1A

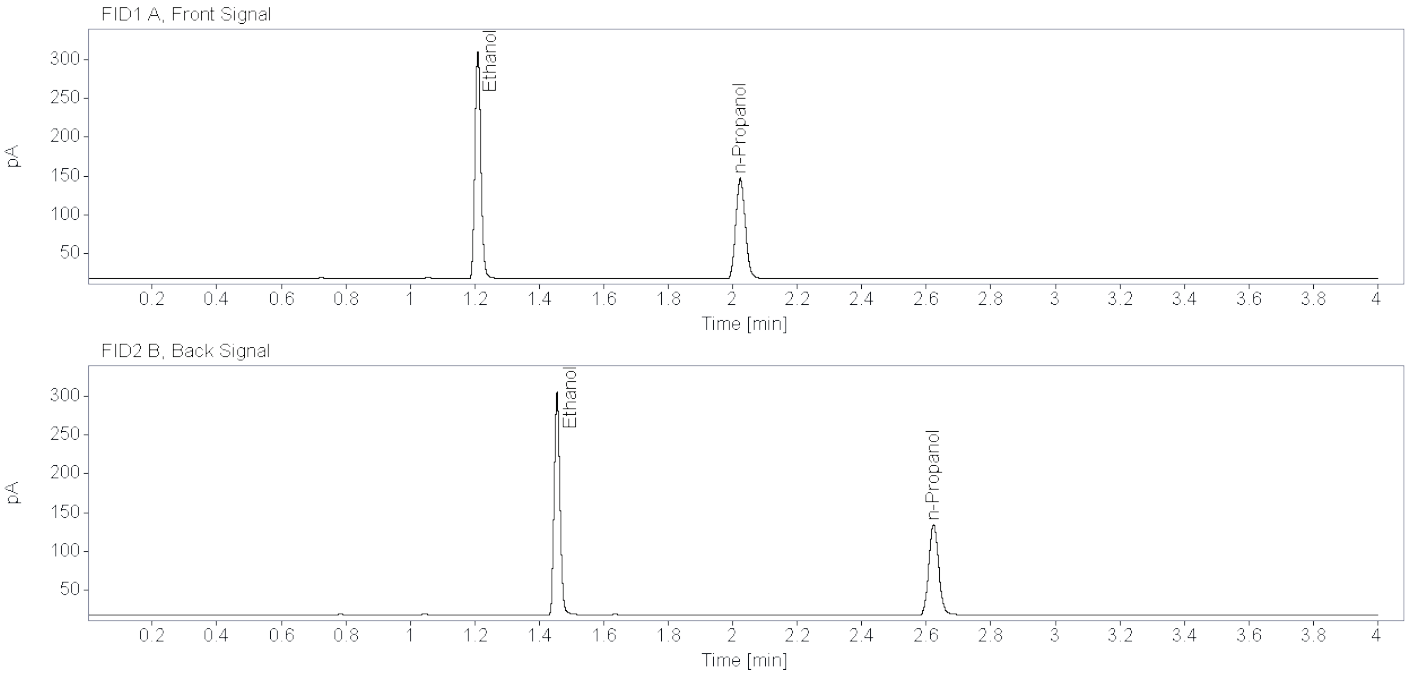
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85317	1.210	1.209	357.0167	0.2411
n-Propanol	0.86660	2.023	2.023	268.3399	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86884	1.454	1.454	337.0402	0.2399
n-Propanol	0.90854	2.622	2.621	250.7812	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1158 001 (24-1423) **Description:** Alq 2 **Sample Barcode** 24-1423 **Vial Number:** 43
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 6/17/2024 5:27:55 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240617_MH2 2024-06-17 15-18-44\043F2401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86689	1.210	1.209	380.1805	0.2599
n-Propanol	0.85972	2.023	2.023	265.0467	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87163	1.455	1.454	359.5120	0.2590
n-Propanol	0.90290	2.623	2.621	247.7153	0.0100