Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20240814_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	108	✓	✓

Analyst Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2024.08.29 16:04:46 -05'00'

Date: 8/29/2024

Technical Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2024.09.19 12:09:03 -05'00'

Date: 9/19/2024

Batch Name: BAC_20240814_MH

Technical Review Notes

-N/A -KB 9/19/2024

BAC Summary Worksheet

Batch Name:	BAC_20240814_MH
Instrument:	BAC-2
Analyst:	Melissa Henry
UM%:	14.39
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		180.8688	171.5073
Acceptance Range	Min	162.7819	154.3566
	Max	198.9556	188.6580

Calibrators	Ethanol Obtained Value FID1	Ethanol Obtained Value FID2	Ethanol Average	% Difference Average & Target	% Difference FID1 & Average	% Difference FID2 & Average	IS Area Counts FID1	IS Area Counts FID2
0.010 g/100mL Calibrator	0.0102	0.0102	0.0102	2.00	0.00	0.00	183.5193	173.4408
0.025 g/100mL Calibrator	0.0245	0.0246	0.0245	-2.00	0.00	0.41	182.6125	172.7193
0.050 g/100mL Calibrator	0.0489	0.0490	0.0489	-2.20	0.00	0.20	177.7722	168.2859
0.100 g/100mL Calibrator	0.1021	0.1018	0.1019	1.90	0.20	-0.10	181.6189	172.2727
0.200 g/100mL Calibrator	0.2023	0.2023	0.2023	1.15	0.00	0.00	180.2786	171.3531
0.400 g/100mL Calibrator	0.3958	0.3963	0.3960	-1.00	-0.05	0.08	178.1422	169.2483
0.500 g/100mL Calibrator	0.5013	0.5010	0.5011	0.22	0.04	-0.02	182.1376	173.2311

		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	-	-	-	179.4354	170.6181
High QC	0.4050	0.4055	0.4052	1.30	-0.05	0.07	176.5559	167.8430
Low QC	0.0775	0.0777	0.0776	-3.00	-0.13	0.13	180.7702	171.9039
Blood QC A	0.0758	0.0758	0.0758	-3.81	0.00	0.00	179.6062	171.1988
Blood QC B	0.1946	0.1940	0.1943	1.36	0.15	-0.15	179.1097	171.3044
Blood QC A	0.0796	0.0788	0.0792	0.51	0.51	-0.51	169.9054	164.2584
Blood QC B	0.2004	0.1969	0.1986	3.60	0.91	-0.86	174.5115	169.7570
Blood QC A	0.0794	0.0780	0.0787	-0.13	0.89	-0.89	167.1402	163.5186
High QC	0.4068	0.3984	0.4026	0.65	1.04	-1.04	171.5448	167.6288
Low QC	0.0824	0.0805	0.0814	1.75	1.23	-1.11	169.4737	166.9497
DI Water	0.0000	0.0000	0.0000	-	-	-	174.0732	171.0134

		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	0.0788	0.0749	0.0827
	Blood QC B	0.1917	0.1821	0.2013

	Lab Number	Ethanol Obtained Value Alq1 FID1	Ethanol Obtained Value Alq1 FID2	Ethanol Obtained Value Alq2 FID1	Ethanol Obtained Value Alq2 FID2	Result	UM	% Difference FID & Average Alq1 FID1	% Difference FID & Average Alq1 FID2	% Difference FID & Average Alq 2 FID1	% Difference FID & Average Alq2 FID2	IS Area Counts Alq1 FID1	IS Area Counts Alq1 FID2	IS Area Counts Alq2 FID1	IS Area Counts Alq2 FID2
1	BCCL-24-1155 001	0.1649	0.1649	0.1710	0.1676	0.167	0.024	-1.32	-1.32	2.33	0.30	184.6124	175.7138	174.4297	170.9991
2	**BCCL-24-1181 001**	~~0.0560~~	~~0.0559~~	~~0.0519~~	~~0.0507~~	~~0.053~~	~~0.008~~	4.43	4.24	-3.22	-5.45	177.9878	170.3739	171.9707	168.4882
3	BCCL-24-1210 001	~~0.2112~~	~~0.2105~~	~~0.2391~~	~~0.2327~~	~~0.223~~	~~0.032~~	-5.45	-5.76	7.04	4.17	187.2676	178.8477	163.4213	161.0465
4	BCCL-24-1211 001	0.1955	0.1946	0.2002	0.1947	0.196	0.028	-0.38	-0.84	2.01	-0.79	184.0065	175.8786	174.1230	171.7362
5	BCCL-24-1222 001	~~0.1304~~	~~0.1296~~	~~0.1432~~	~~0.1388~~	~~0.135~~	~~0.019~~	-3.76	-4.35	5.68	2.44	178.4703	171.1165	175.8395	173.6245
6	BCCL-24-1223 001	0.3474	0.3454	0.3478	0.3403	0.345	0.050	0.63	0.05	0.75	-1.43	174.5205	166.9525	170.9410	166.7478
7	BCCL-24-1224 001	0.2387	0.2378	0.2569	0.2511	0.246	0.035	-3.02	-3.38	4.38	2.02	179.8580	171.4761	175.8317	171.8309
8	BCCL-24-1233 001	0.2734	0.2719	0.2892	0.2824	0.279	0.040	-2.09	-2.62	3.57	1.14	179.4513	171.3245	174.5971	170.3631
9	**BCCL-24-1234 003**	0.0719	0.0714	0.0759	0.0742	0.073	0.011	-1.98	-2.66	3.48	1.16	174.0619	166.9822	175.5569	171.6925
10	BCCL-24-1248 001	0.1000	0.0995	0.1014	0.0999	0.100	0.014	-0.20	-0.70	1.20	-0.30	176.1500	168.5971	170.5081	166.3806
11	BCCL-24-1249 001	0.1471	0.1462	0.1425	0.1403	0.144	0.021	2.14	1.51	-1.06	-2.59	176.6326	169.2104	176.4814	171.1935
12	BCCL-24-1255 001	0.1236	0.1224	0.1334	0.1312	0.127	0.018	-3.17	-4.11	4.50	2.78	183.6602	176.2601	182.5640	177.2333
13	BCCL-24-1256 001	0.1605	0.1590	0.1738	0.1708	0.166	0.024	-3.33	-4.23	4.68	2.88	175.2519	168.1387	172.1772	167.4182
14	BCCL-24-1257 001	0.2290	0.2279	0.2234	0.2196	0.224	0.032	1.79	1.30	-0.70	-2.39	184.0779	176.2427	177.5113	172.4777
15	BCCL-24-1259 001	0.3375	0.3341	0.3219	0.3163	0.327	0.047	3.07	2.03	-1.69	-3.41	179.5583	172.3837	180.1786	175.0216
16	BCCL-24-1261 001	0.1934	0.1920	0.1944	0.1912	0.192	0.028	0.34	-0.39	0.86	-0.80	184.6786	177.0211	178.1865	172.9211
17	BCCL-24-1265 001	0.1481	0.1468	0.1499	0.1475	0.148	0.021	0.02	-0.86	1.23	-0.39	173.6960	166.6753	179.3130	174.1607
18	**BCCL-24-1271 001**	0.0974	0.0966	0.0935	0.0920	0.094	0.014	2.66	1.82	-1.45	-3.03	174.7325	168.1579	176.7856	172.1646
19	BCCL-24-1272 001	0.1158	0.1145	0.1126	0.1111	0.113	0.016	2.03	0.88	-0.79	-2.11	175.0599	168.8964	170.5001	165.0188
20	BCCL-24-1275 001_001	0.1010	0.0995	0.1038	0.1022	0.101	0.015	-0.62	-2.09	2.14	0.57	175.2216	169.9672	176.6330	171.5665

8/23/24 mh

8/23/24 mh

Melissa Henry

Digitally signed by Melissa Henry
Date: 2024.08.23 13:52:58 -05'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC-20240814_MH **Analyst:** Melissa Henry **Instrument:** BAC-2

	Lot:	Expiration:	Inventory Number:
Cal 1	FN12272201	2/29/2028	S-23-5008J
Cal 2	FN03122112	3/31/2026	S-23-5009A
Cal 3	FN03172301	3/31/2028	S-23-5010D
Cal 4	FN03072301	3/31/2028	S-23-5011D
Cal 5	FN03132302	3/31/2028	S-23-5012C
Cal 6	FN03052102	3/31/2026	S-23-5013B
Cal 7	FN06262004	7/31/2025	S-23-5014E
High QC	30012020-A	1/31/2025	S-23-5015D
Low QC	517757	6/21/2025	S-24-5001D
Blood QC A	2401241	2/28 8/29/2024 mh	S-24-5002B
Blood QC B	2302120	5/31/2027	S-24-5003B
Internal Standard	N/A	9/13/2024	R-24-5001
Pipette(s)	5053, 205L		

Comments:

mh

BCCL ANALYTICAL WORKLIST

ANALYST: Melissa Henry

BAC_20240814_MH

Worklist ID: N6V0JPNJA2W704

Case #	Evid #	Evid Type	Service
BCCL-24-1155	001	Blood	Alcohol
BCCL-24-1181	001	Blood	Alcohol
BCCL-24-1210	001	Blood	Alcohol
BCCL-24-1211	001	Blood	Alcohol
BCCL-24-1222	001	Blood	Alcohol
BCCL-24-1223	001	Blood	Alcohol
BCCL-24-1224	001	Blood	Alcohol
BCCL-24-1233	001	Blood	Alcohol
BCCL-24-1234	003	Blood	Alcohol
BCCL-24-1248	001	Blood	Alcohol
BCCL-24-1249	001	Blood	Alcohol
BCCL-24-1255	001	Blood	Alcohol
BCCL-24-1256	001	Blood	Alcohol

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BAC_20240814_MH

Case #	Evid #	Evid Type	Service
BCCL-24-1257	001	Blood	Alcohol
BCCL-24-1259	001	Blood	Alcohol
BCCL-24-1261	001	Blood	Alcohol
BCCL-24-1265	001	Blood	Alcohol
BCCL-24-1271	001	Blood	Alcohol
BCCL-24-1272	001	Blood	Alcohol
BCCL-24-1275	001_001	Blood	Alcohol

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\2\SEQUENCE\2024\BAC_20240814_MH.S
Operator : Melissa Henry
Data File Naming : Auto
Data Directory : C:\Chem32\2\Data\
Data Subdirectory : 2024
Barcode Reader : used in Sequence
Barcode option : On barcode mismatch inject anyway
Shutdown Cmd/Macro : LOADMETHOD "C:\Chem32\1\methods\", "shutdown.M"
Sequence Comment :
Part of Methods to run: According to Runtime Checklist
Update Master Method (Data Analysis parameters): No

SEQUENCE TABLE: Verified by KB 8/14/2024

==========

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (24-1665)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 1
Update RF : Replace
Update RT : Replace

==========

Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (24-1666)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 2
Update RF : Replace
Update RT : Replace

==========

Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (24-1667)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 3
Update RF : Replace
Update RT : Replace

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Line                : 4
Location            : 4
Sample Information  :
Sample Name         : 0.100 g/100mL Cal (24-1668)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 4
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 5
Location            : 5
Sample Information  :
Sample Name         : 0.200 g/100mL Cal (24-1669)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 5
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 6
Location            : 6
Sample Information  :
Sample Name         : 0.400 g/100mL Cal (24-1670)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 6
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 7
Location            : 7
Sample Information  :
Sample Name         : 0.500 g/100mL Cal (24-1671)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 7
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 8
Location            : 8
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Sample Information :
Sample Name : Negative (24-1672)
Method Name : BAC
Sample Type : Sample

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Line : 9
Location : 9
Sample Information :
Sample Name : High QC (24-1673)
Method Name : BAC
Sample Type : Sample

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Line : 10
Location : 10
Sample Information :
Sample Name : Low QC (24-1674)
Method Name : BAC
Sample Type : Sample

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Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (24-1675)
Method Name : BAC
Sample Type : Sample

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Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-24-1155 001 (24-1676)
Method Name : BAC
Sample Type : Sample

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Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-24-1181 001 (24-1677)
Method Name : BAC
Sample Type : Sample

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Line : 14
Location : 14

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Sample Information : Alq 1
Sample Name : BCCL-24-1210 001 (24-1678)
Method Name : BAC
Sample Type : Sample

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Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-24-1211 001 (24-1679)
Method Name : BAC
Sample Type : Sample

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Line : 16
Location : 16
Sample Information : Alq 1
Sample Name : BCCL-24-1222 001 (24-1680)
Method Name : BAC
Sample Type : Sample

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Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-24-1223 001 (24-1681)
Method Name : BAC
Sample Type : Sample

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Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-24-1224 001 (24-1682)
Method Name : BAC
Sample Type : Sample

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Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-24-1233 001 (24-1683)
Method Name : BAC
Sample Type : Sample

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Line : 20
Location : 20

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Sample Information : Alq 1
Sample Name : BCCL-24-1234 003 (24-1684)
Method Name : BAC
Sample Type : Sample

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Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-24-1248 001 (24-1685)
Method Name : BAC
Sample Type : Sample

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Line : 22
Location : 22
Sample Information :
Sample Name : Blood QC B (24-1686)
Method Name : BAC
Sample Type : Sample

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Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-24-1249 001 (24-1687)
Method Name : BAC
Sample Type : Sample

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Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-24-1255 001 (24-1688)
Method Name : BAC
Sample Type : Sample

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Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-24-1256 001 (24-1689)
Method Name : BAC
Sample Type : Sample

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Line : 26
Location : 26

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Sample Information : Alq 1
Sample Name : BCCL-24-1257 001 (24-1690)
Method Name : BAC
Sample Type : Sample

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Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-24-1259 001 (24-1691)
Method Name : BAC
Sample Type : Sample

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Line : 28
Location : 28
Sample Information : Alq 1
Sample Name : BCCL-24-1261 001 (24-1692)
Method Name : BAC
Sample Type : Sample

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Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-24-1265 001 (24-1693)
Method Name : BAC
Sample Type : Sample

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Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-24-1271 001 (24-1694)
Method Name : BAC
Sample Type : Sample

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Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-24-1272 001 (24-1695)
Method Name : BAC
Sample Type : Sample

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Line : 32
Location : 32

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Sample Information  : Alq 1
Sample Name         : BCCL-24-1275 001_001 (24-1696)
Method Name         : BAC
Sample Type         : Sample
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Line                : 33
Location            : 33
Sample Information  :
Sample Name         : Blood QC A 24-1697)
Method Name         : BAC
Sample Type         : Sample
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Line                : 34
Location            : 34
Sample Information  : Alq 2
Sample Name         : BCCL-24-1275 001_001 (24-1698)
Method Name         : BAC
Sample Type         : Sample
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Line                : 35
Location            : 35
Sample Information  : Alq 2
Sample Name         : BCCL-24-1272 001 (24-1699)
Method Name         : BAC
Sample Type         : Sample
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Line                : 36
Location            : 36
Sample Information  : Alq 2
Sample Name         : BCCL-24-1271 001 (24-1700)
Method Name         : BAC
Sample Type         : Sample
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Line                : 37
Location            : 37
Sample Information  : Alq 2
Sample Name         : BCCL-24-1265 001 (24-1701)
Method Name         : BAC
Sample Type         : Sample
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Line                : 38
Location            : 38
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Sample Information  : Alq 2
Sample Name         : BCCL-24-1261 001 (24-1702)
Method Name         : BAC
Sample Type         : Sample
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Line                : 39
Location            : 39
Sample Information  : Alq 2
Sample Name         : BCCL-24-1259 001 (24-1703)
Method Name         : BAC
Sample Type         : Sample
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Line                : 40
Location            : 40
Sample Information  : Alq 2
Sample Name         : BCCL-24-1257 001 (24-1704)
Method Name         : BAC
Sample Type         : Sample
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Line                : 41
Location            : 41
Sample Information  : Alq 2
Sample Name         : BCCL-24-1256 001 (24-1705)
Method Name         : BAC
Sample Type         : Sample
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Line                : 42
Location            : 42
Sample Information  : Alq 2
Sample Name         : BCCL-24-1255 001 (24-1706)
Method Name         : BAC
Sample Type         : Sample
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Line                : 43
Location            : 43
Sample Information  : Alq 2
Sample Name         : BCCL-24-1249 001 (24-1707)
Method Name         : BAC
Sample Type         : Sample
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Line                : 44
Location            : 44
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Sample Information :
Sample Name : Blood QC B (24-1708)
Method Name : BAC
Sample Type : Sample

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Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-24-1248 001 (24-1709)
Method Name : BAC
Sample Type : Sample

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Line : 46
Location : 46
Sample Information : Alq 2
Sample Name : BCCL-24-1234 003 (24-1710)
Method Name : BAC
Sample Type : Sample

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Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-24-1233 001 (24-1711)
Method Name : BAC
Sample Type : Sample

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Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-24-1224 001 (24-1712)
Method Name : BAC
Sample Type : Sample

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Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-24-1223 001 (24-1713)
Method Name : BAC
Sample Type : Sample

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Line : 50
Location : 50

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Sample Information : Alq 2
Sample Name : BCCL-24-1222 001 (24-1714)
Method Name : BAC
Sample Type : Sample

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Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-24-1211 001 (24-1715)
Method Name : BAC
Sample Type : Sample

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Line : 52
Location : 52
Sample Information : Alq 2
Sample Name : BCCL-24-1210 001 (24-1716)
Method Name : BAC
Sample Type : Sample

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Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-24-1181 001 (24-1717)
Method Name : BAC
Sample Type : Sample

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Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-24-1155 001 (24-1718)
Method Name : BAC
Sample Type : Sample

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Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (24-1719)
Method Name : BAC
Sample Type : Sample

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Line : 56
Location : 56

mh

Sample Information :
Sample Name : High QC (24-1720)
Method Name : BAC
Sample Type : Sample

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Line : 57
Location : 57
Sample Information :
Sample Name : Low QC (24-1721)
Method Name : BAC
Sample Type : Sample

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Line : 58
Location : 58
Sample Information :
Sample Name : DI Water (24-1722)
Method Name : BAC
Sample Type : Sample

==========

mh

method: C:\Chem32\2\Methods\BAC.M
Modified on: 4/30/2024 at 4:29:07 PM

Method Information

Method: C:\Chem32\2\Methods\BAC.M
Modified: 4/30/2024 at 4:29:07 PM

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 10.1.1.101
Injection Location:	GC Front

method: C:\Chem32\2\Methods\BAC.M
Modified on: 4/30/2024 at 4:29:07 PM

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Agilent 7890B

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GC
GC Summary

Run Time	4 min
Post Run Time	0 min

Oven
Temperature

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

Front SS Inlet He

Mode	Split
Heater	On 110 °C
Pressure	On 24 psi
Total Flow	On 81.121 mL/min
Septum Purge Flow	On 3 mL/min
Gas Saver	Off
Split Ratio	10 :1
Split Flow	69.952 mL/min

Column
Column #1
Pressure

Setpoint	On
(Initial)	24 psi
Post Run	24 psi

Agilent 123-9134
DB-ALC1
0 °C—325 °C (325 °C): 30 m x 320 µm x 1.8 µm

Column lock	Unlocked
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

Column #2
Pressure

Setpoint	On

method: C:\Chem32\2\Methods\BAC.M
Modified on: 4/30/2024 at 4:29:07 PM

(Initial)	24 psi
Post Run	24 psi

Agilent 123-9234
DB-ALC2
0 °C—325 °C (325 °C): 30 m x 320 µm x 1.2 µm

Column lock	Unlocked
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
Column Outlet Pressure	0 psi

Front Detector FID

Makeup	N2
	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
Electrometer	On

Back Detector FID

Makeup	N2
	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
Electrometer	On

Signals
Signal #1: Front Signal

Description	Front Signal
Details	Front Signal (FID)
Save	On
Data Rate	20 Hz
Dual Injection Assignment	Front Sample

Signal #2: Back Signal

Description	Back Signal
Details	Back Signal (FID)
Save	On
Data Rate	20 Hz
Dual Injection Assignment	Back Sample

method: C:\Chem32\2\Methods\BAC.M
Modified on: 4/30/2024 at 4:29:07 PM

Signal #3: Test Plot	
Description	Test Plot
Details	
Save	Off
Data Rate	50 Hz
Dual Injection Assignment	Back Sample
Signal #4: Test Plot	
Description	Test Plot
Details	
Save	Off
Data Rate	50 Hz
Dual Injection Assignment	Back Sample

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Agilent 7697A

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Agilent 7697A

Instrument Info

Address:	10.1.1.101
Serial Number:	CN16210024
Firmware Revision:	A.01.08.1

Instrument Settings

Vial Pressurization Gas:	Helium
Loop Size (mL):	1
Keyboard Lock:	OFF
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

method: C:\Chem32\2\Methods\BAC.M
Modified on: 4/30/2024 at 4:29:07 PM

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

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\2\Methods\BAC.M
Modified on: 4/30/2024 at 4:29:07 PM

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_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

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_FID"

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

method: C:\Chem32\2\Methods\BAC.M
Modified on: 4/30/2024 at 4:29:07 PM

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

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

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

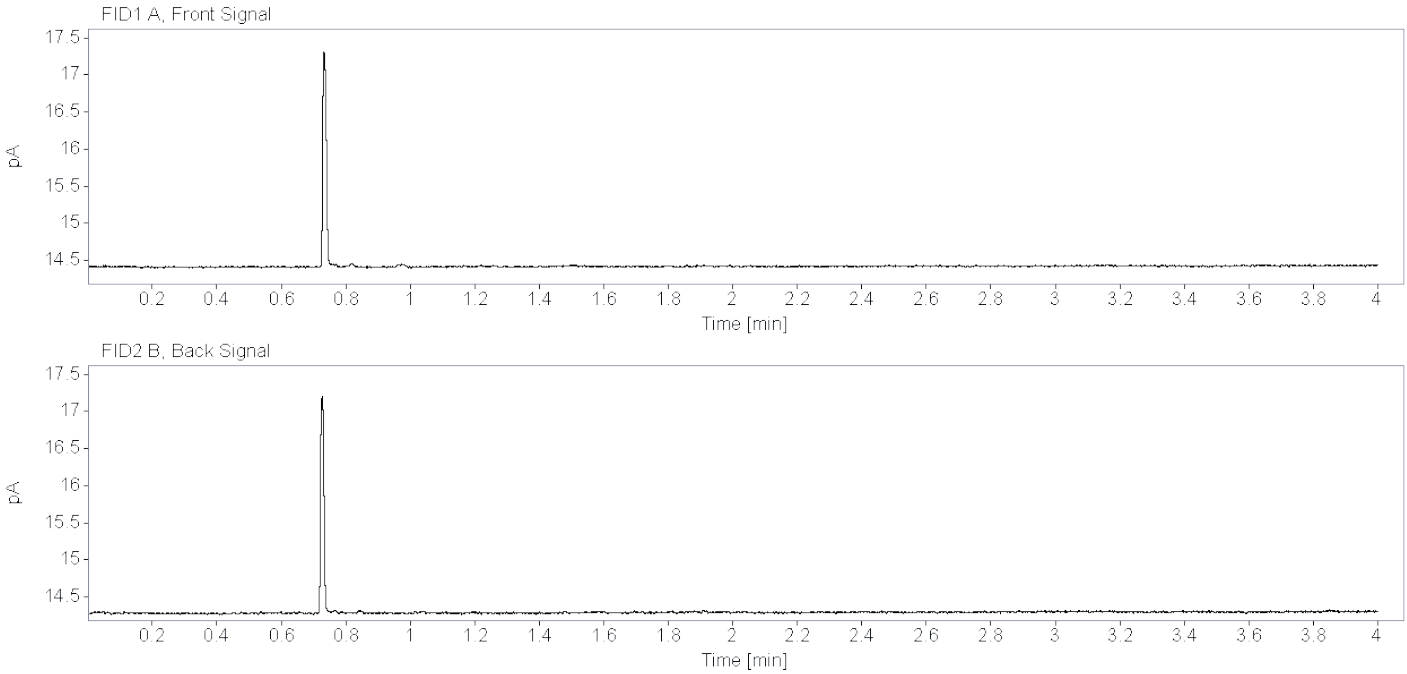
Detector Default Integration Event Table "Event_uECD"

Event	Value	Time
Initial Slope Sensitivity	500.000	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

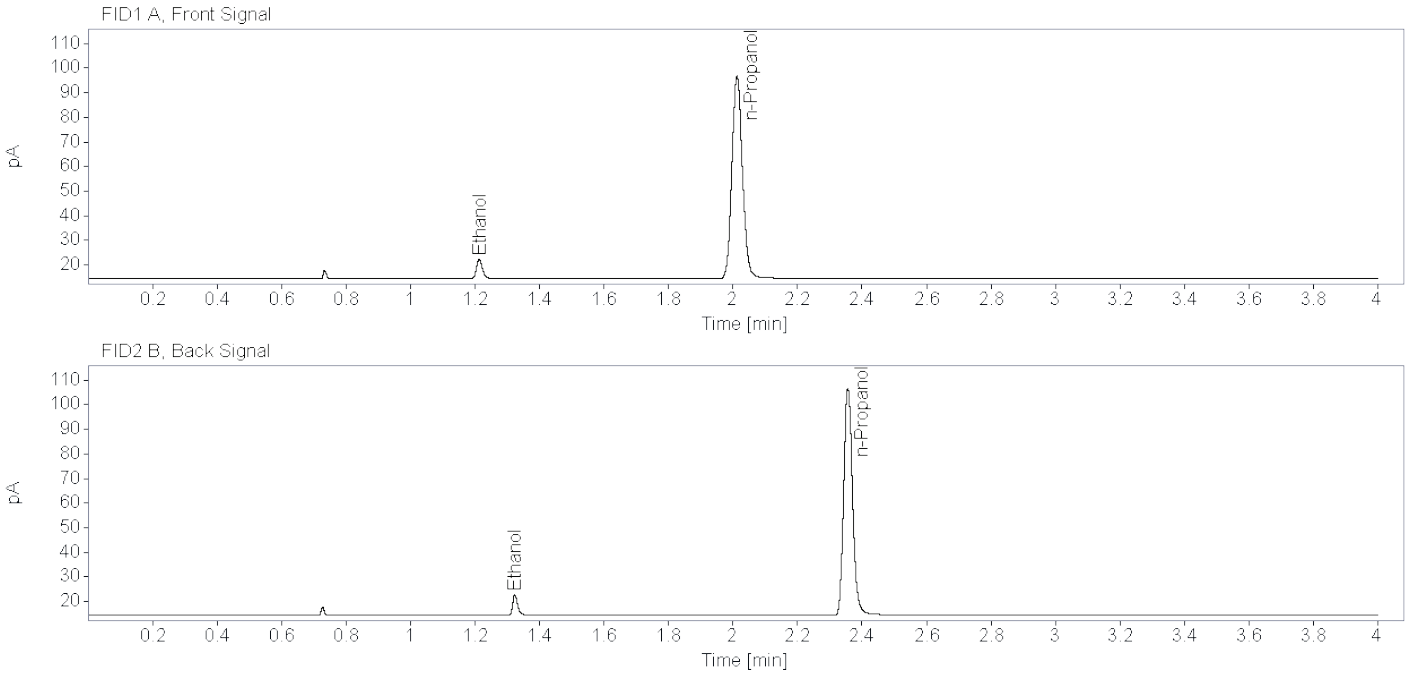
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 8:50:00 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240814PC_MH 2024-08-14 08-40-06\001F0101.D



Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: PC **Description:** **Sample Barcode** **Vial Number:** 2
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 8:54:42 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240814PC_MH 2024-08-14 08-40-06\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82325	1.213	1.214	10.1247	0.0120
n-Propanol	0.87849	2.012	2.013	185.0085	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73539	1.324	1.324	9.1932	0.0120
n-Propanol	0.84207	2.356	2.358	175.0590	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 8/15/2024 10:38:29 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
1.211	1	1	1.00000e-2	9.98633	1.00137e-3	No	No	1	Ethanol
		2	2.50000e-2	25.08703	9.96531e-4				
		3	5.00000e-2	49.40832	1.01198e-3				
		4	1.00000e-1	106.16969	9.41888e-4				
		5	2.00000e-1	209.49590	9.54673e-4				
		6	4.00000e-1	405.64355	9.86087e-4				
		7	5.00000e-1	525.51520	9.51447e-4				
1.320	2	1	1.00000e-2	9.12715	1.09563e-3	No	No	2	Ethanol
		2	2.50000e-2	23.47096	1.06515e-3				
		3	5.00000e-2	46.63754	1.07210e-3				
		4	1.00000e-1	100.22171	9.97788e-4				
		5	2.00000e-1	199.18431	1.00410e-3				
		6	4.00000e-1	386.32108	1.03541e-3				
		7	5.00000e-1	500.23901	9.99522e-4				
2.012	1	1	1.00000e-2	183.51935	5.44902e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	182.61246	5.47608e-5				
		3	1.00000e-2	177.77219	5.62518e-5				
		4	1.00000e-2	181.61890	5.50603e-5				
		5	1.00000e-2	180.27864	5.54697e-5				
		6	1.00000e-2	178.14223	5.61349e-5				
		7	1.00000e-2	182.13762	5.49035e-5				
2.356	2	1	1.00000e-2	173.44080	5.76566e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	172.71930	5.78974e-5				
		3	1.00000e-2	168.28587	5.94227e-5				
		4	1.00000e-2	172.27266	5.80475e-5				
		5	1.00000e-2	171.35315	5.83590e-5				
		6	1.00000e-2	169.24834	5.90848e-5				
		7	1.00000e-2	173.23112	5.77263e-5				

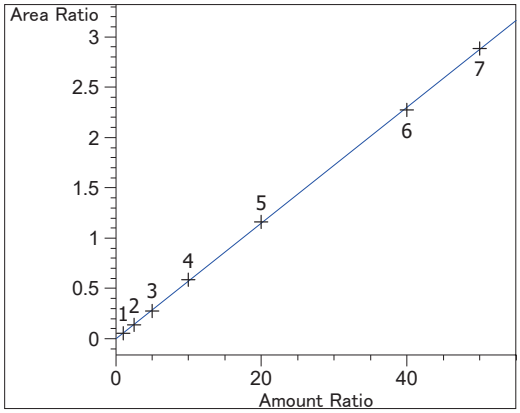
Peak Sum Table

No Entries in table

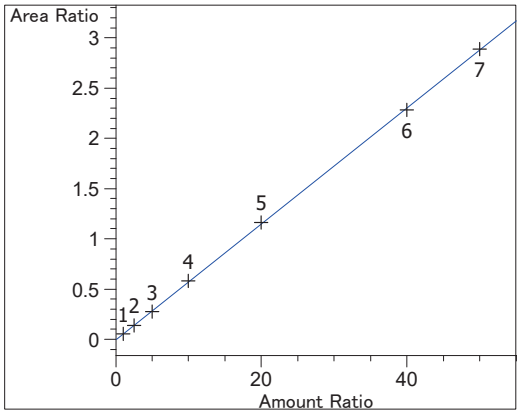
1 Warnings or Errors :

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

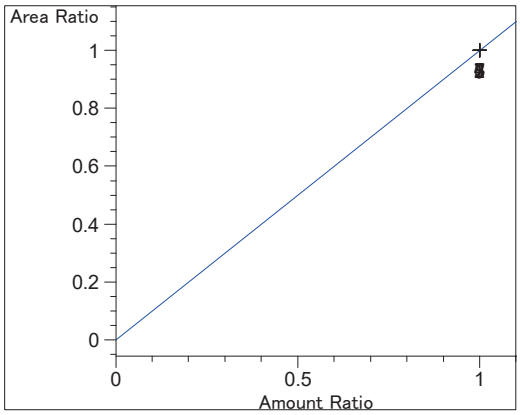
Calibration Curves



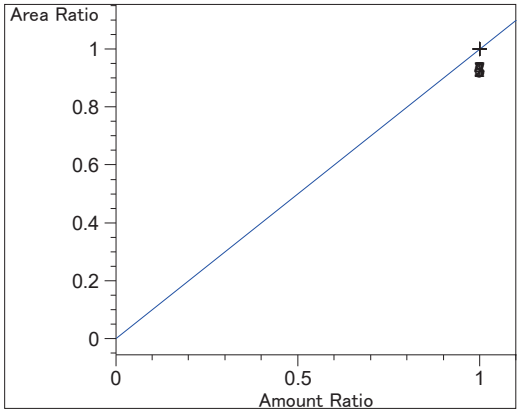
Ethanol at exp. RT: 1.211
FID1 A, Front Signal
Correlation: 0.99992
Residual Std. Dev.: 0.01432
Formula: y = mx + b
m: 5.76396e-2
b: -4.12488e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.3961
Level 3 : 0.195789
Level 4 : 0.093086
Level 5 : 0.046827
Level 6 : 0.023897
Level 7 : 0.01886



Ethanol at exp. RT: 1.320
FID2 B, Back Signal
Correlation: 0.99994
Residual Std. Dev.: 0.01284
Formula: y = mx + b
m: 5.77549e-2
b: -6.01817e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.387252
Level 3 : 0.189887
Level 4 : 0.090456
Level 5 : 0.045271
Level 6 : 0.023055
Level 7 : 0.018224



n-Propanol at exp. RT: 2.012
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

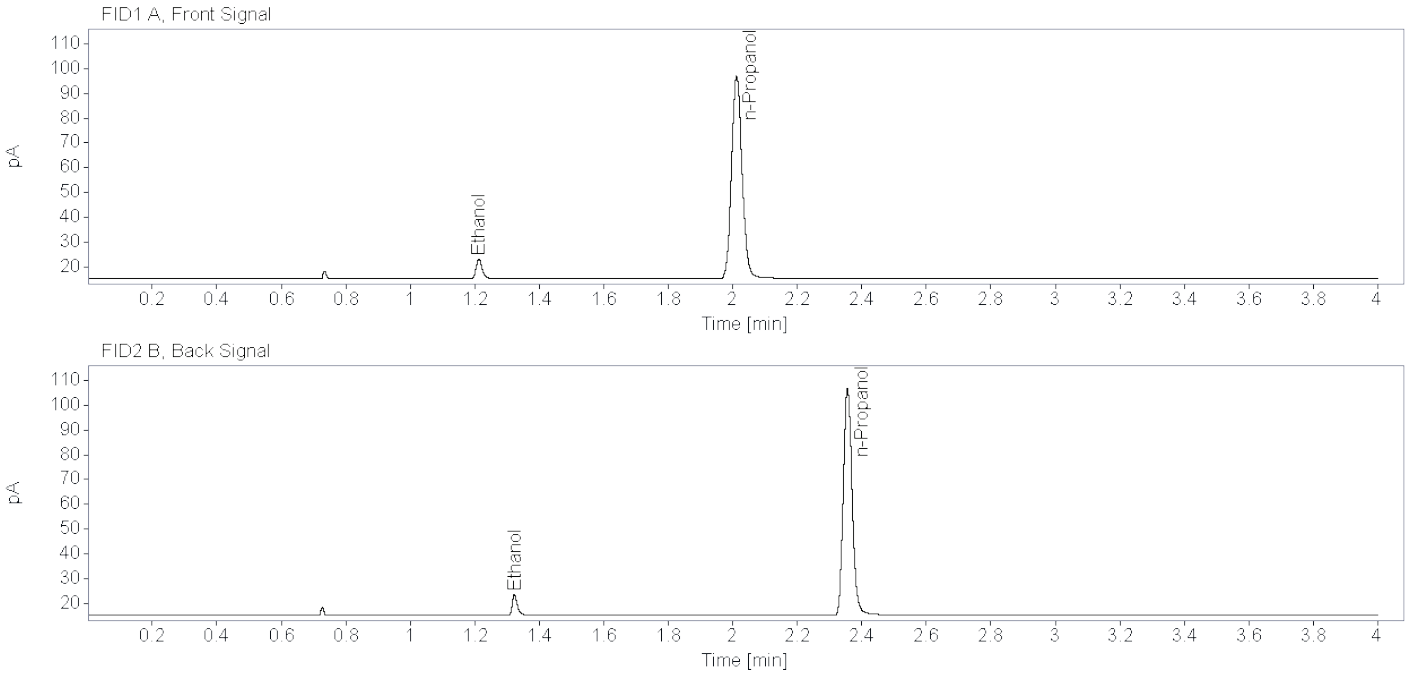


n-Propanol at exp. RT: 2.356
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

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Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (24-1665) **Description:** **Sample Barcode** 24-1665 **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 10:57:55 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\001F0101.D



Name FID1A

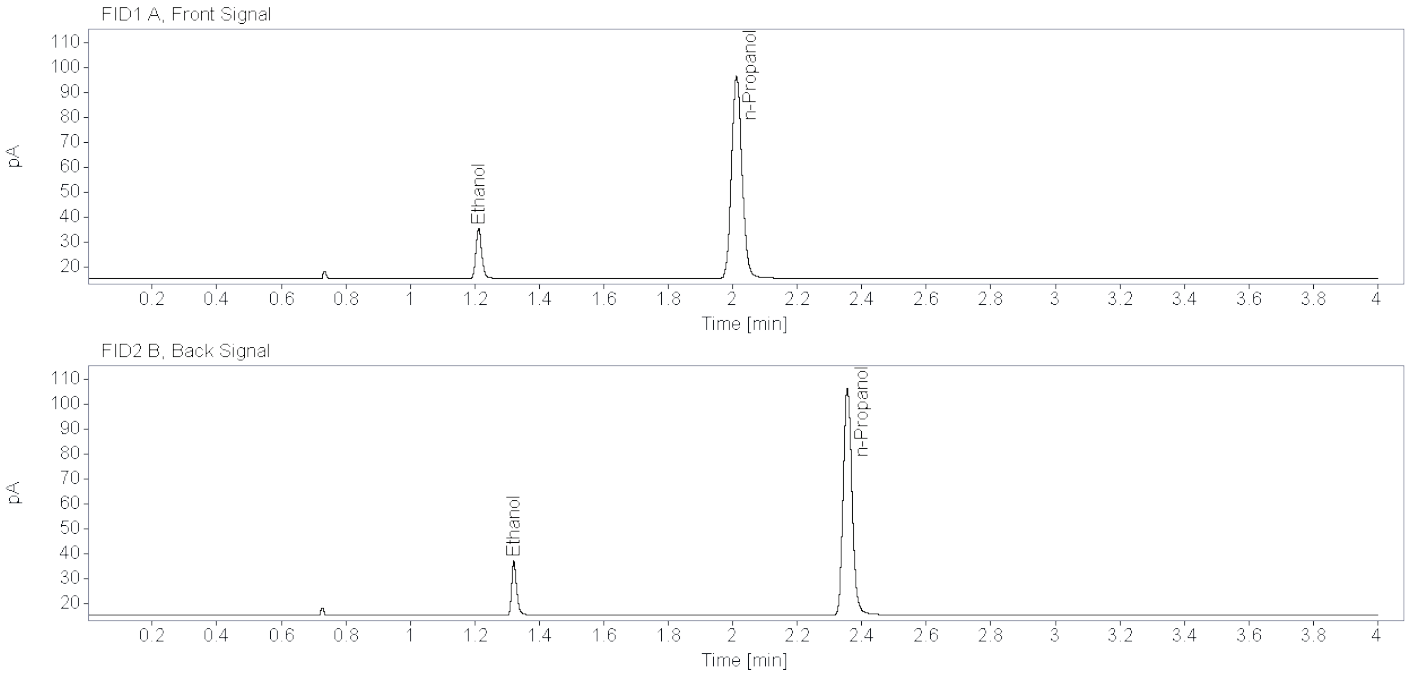
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83395	1.213	1.213	9.9863	0.0102
n-Propanol	0.87311	2.012	2.012	183.5193	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71499	1.323	1.323	9.1271	0.0102
n-Propanol	0.84921	2.356	2.356	173.4408	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (24-1666) **Description:** **Sample Barcode** 24-1666 **Vial Number:** 2
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 11:02:39 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\002F0201.D



Name FID1A

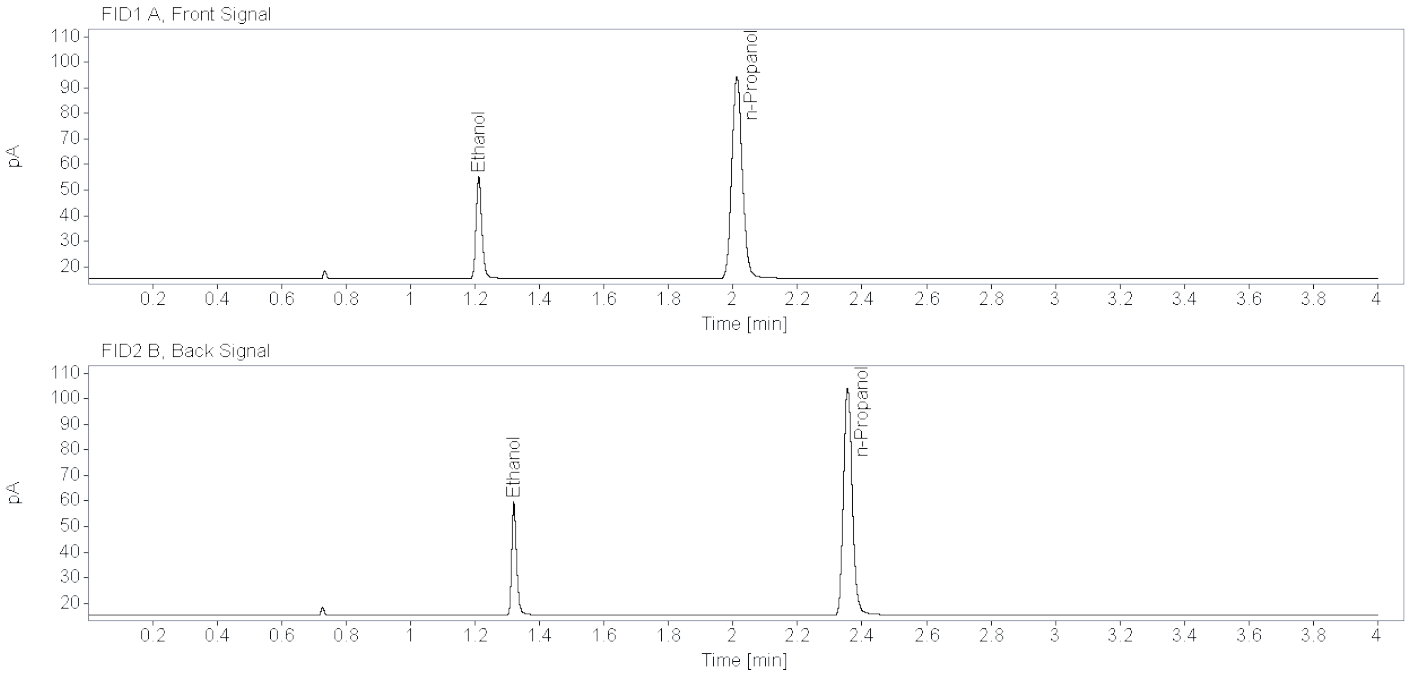
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83592	1.212	1.212	25.0870	0.0245
n-Propanol	0.87070	2.012	2.012	182.6125	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74454	1.321	1.321	23.4710	0.0246
n-Propanol	0.84766	2.355	2.355	172.7193	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (24-1667) **Description:** **Sample Barcode** 24-1667 **Vial Number:** 3
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 11:08:20 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\003F0301.D



Name FID1A

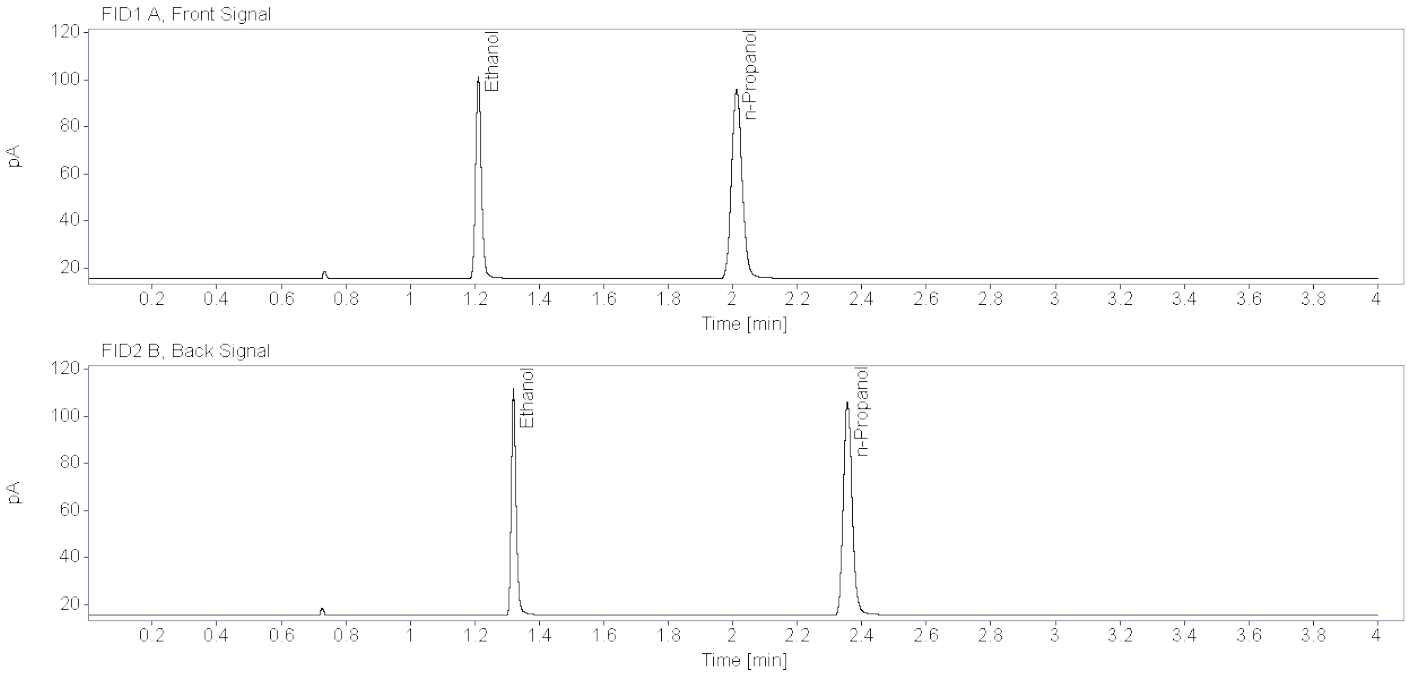
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82769	1.212	1.212	49.4083	0.0489
n-Propanol	0.87239	2.012	2.012	177.7722	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76129	1.321	1.321	46.6375	0.0490
n-Propanol	0.84646	2.355	2.355	168.2859	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (24-1668) **Description:** **Sample Barcode** 24-1668 **Vial Number:** 4
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 11:13:03 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\004F0401.D



Name FID1A

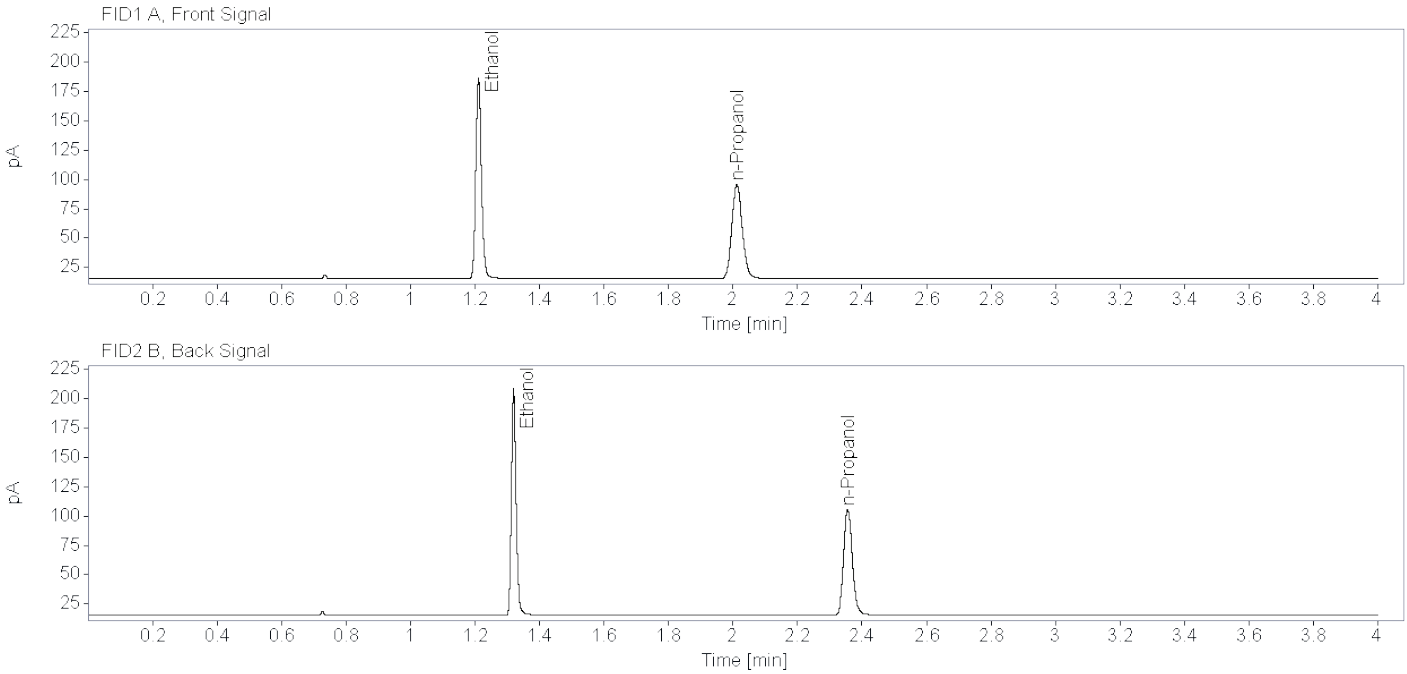
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83617	1.211	1.211	106.1697	0.1021
n-Propanol	0.86796	2.012	2.012	181.6189	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76798	1.320	1.320	100.2217	0.1018
n-Propanol	0.84672	2.356	2.356	172.2727	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (24-1669) **Description:** **Sample Barcode** 24-1669 **Vial Number:** 5
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 11:18:44 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\005F0501.D



Name FID1A

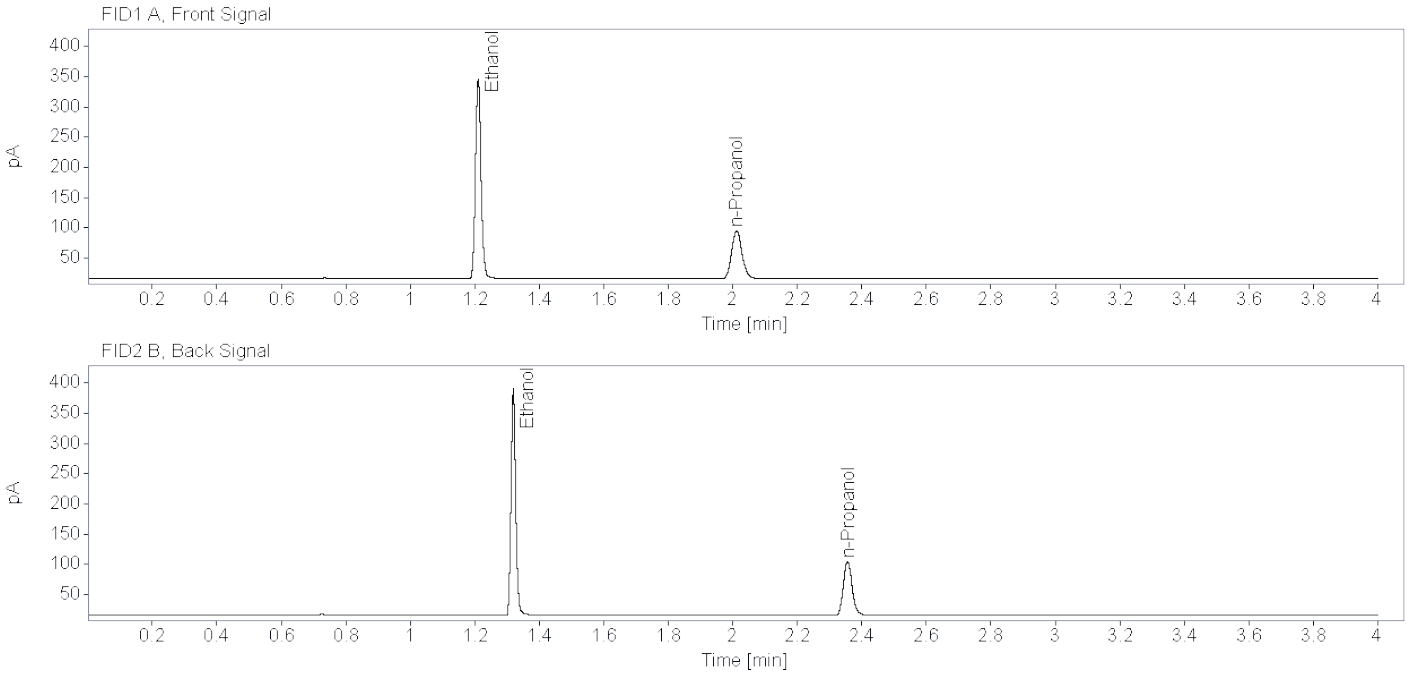
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84677	1.211	1.211	209.4959	0.2023
n-Propanol	0.87050	2.012	2.012	180.2786	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80668	1.320	1.320	199.1843	0.2023
n-Propanol	0.83152	2.356	2.356	171.3531	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (24-1670) **Description:** **Sample Barcode** 24-1670 **Vial Number:** 6
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 11:23:26 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\006F0601.D



Name FID1A

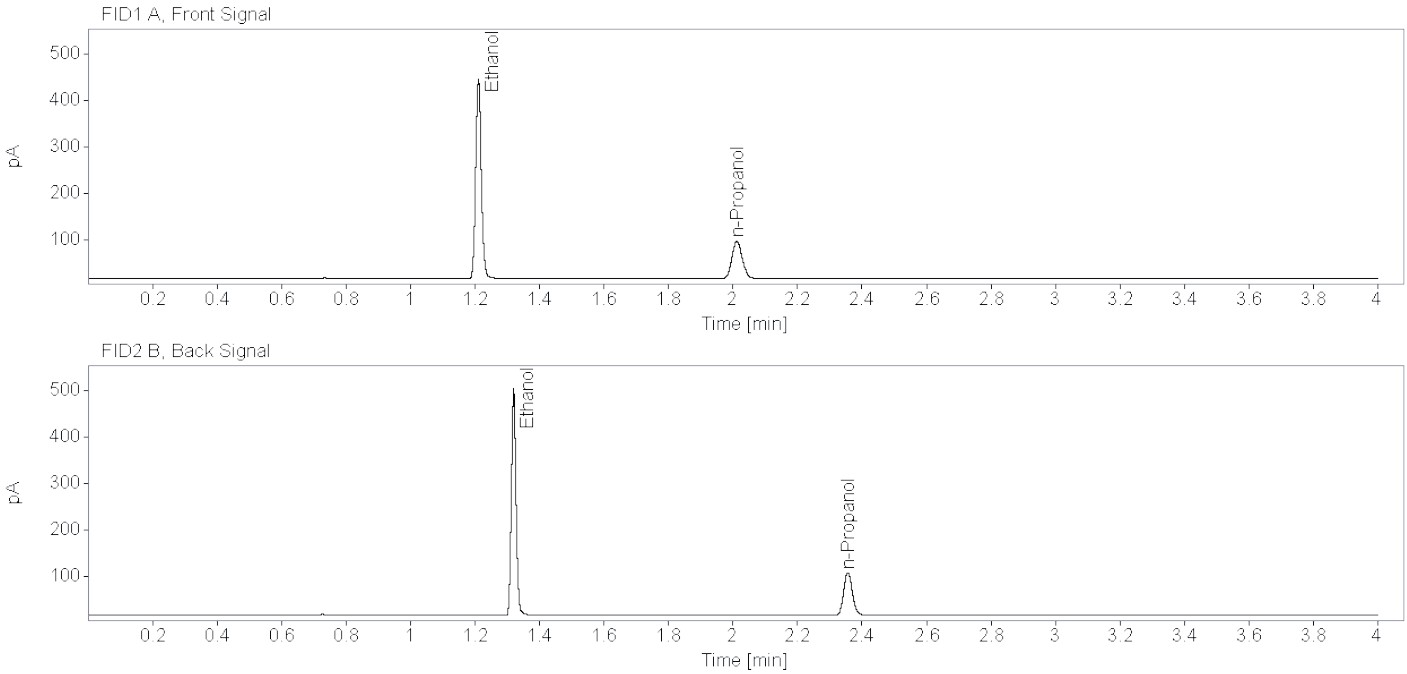
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86244	1.211	1.211	405.6436	0.3958
n-Propanol	0.86523	2.012	2.012	178.1422	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85185	1.320	1.320	386.3211	0.3963
n-Propanol	0.84394	2.356	2.356	169.2483	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (24-1671) **Description:** **Sample Barcode** 24-1671 **Vial Number:** 7
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 11:29:08 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\007F0701.D



Name FID1A

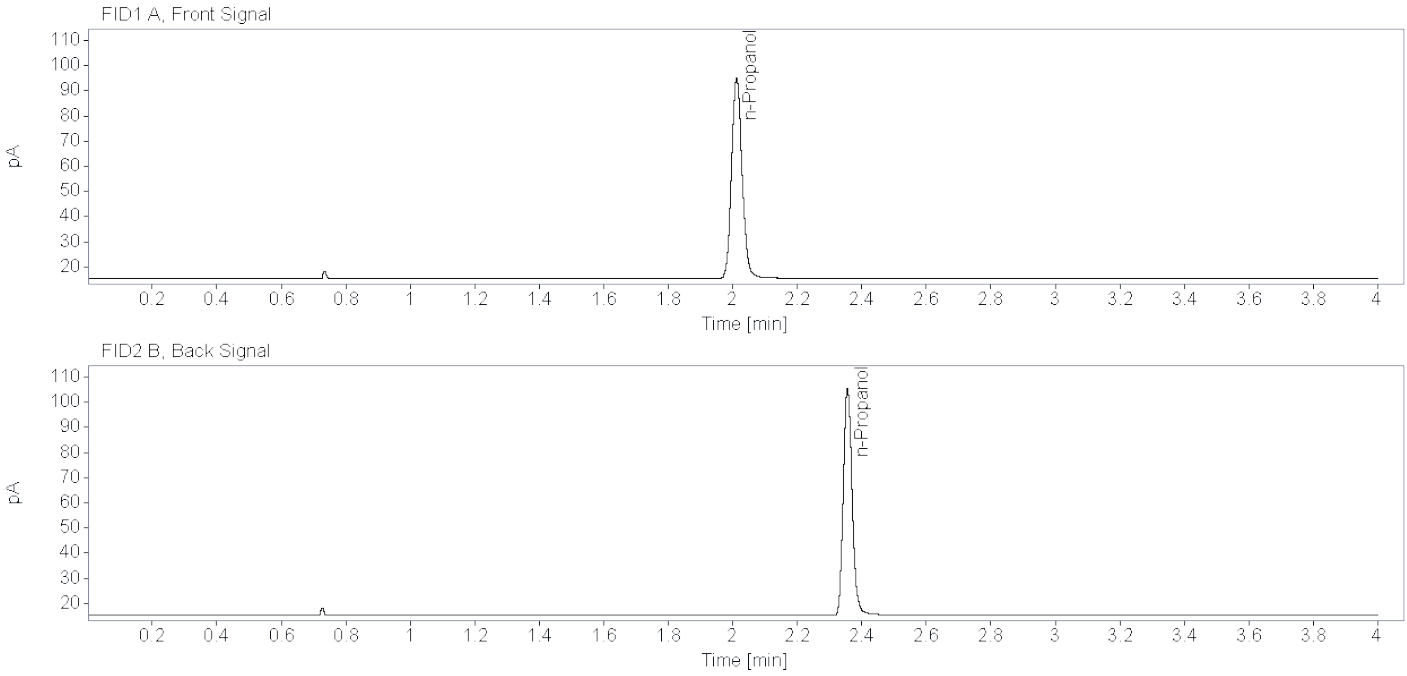
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87164	1.211	1.211	525.5152	0.5013
n-Propanol	0.86990	2.012	2.012	182.1376	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88004	1.320	1.320	500.2390	0.5010
n-Propanol	0.83936	2.356	2.356	173.2311	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (24-1672) **Description:** **Sample Barcode** 24-1672 **Vial Number:** 8
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 11:33:50 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\008F0801.D



Name FID1A

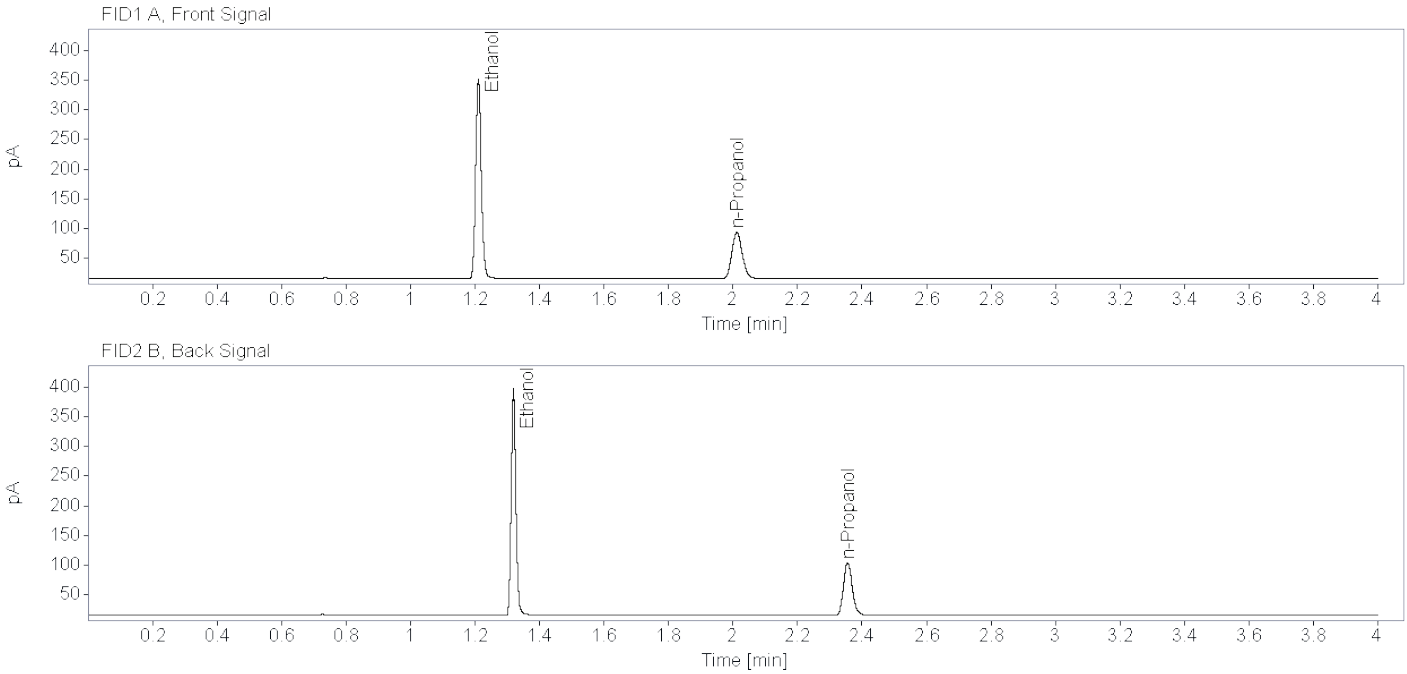
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86367	2.012	2.012	179.4354	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84354	2.356	2.356	170.6181	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-1673) **Description:** **Sample Barcode** 24-1673 **Vial Number:** 9
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 11:39:32 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\009F0901.D



Name FID1A

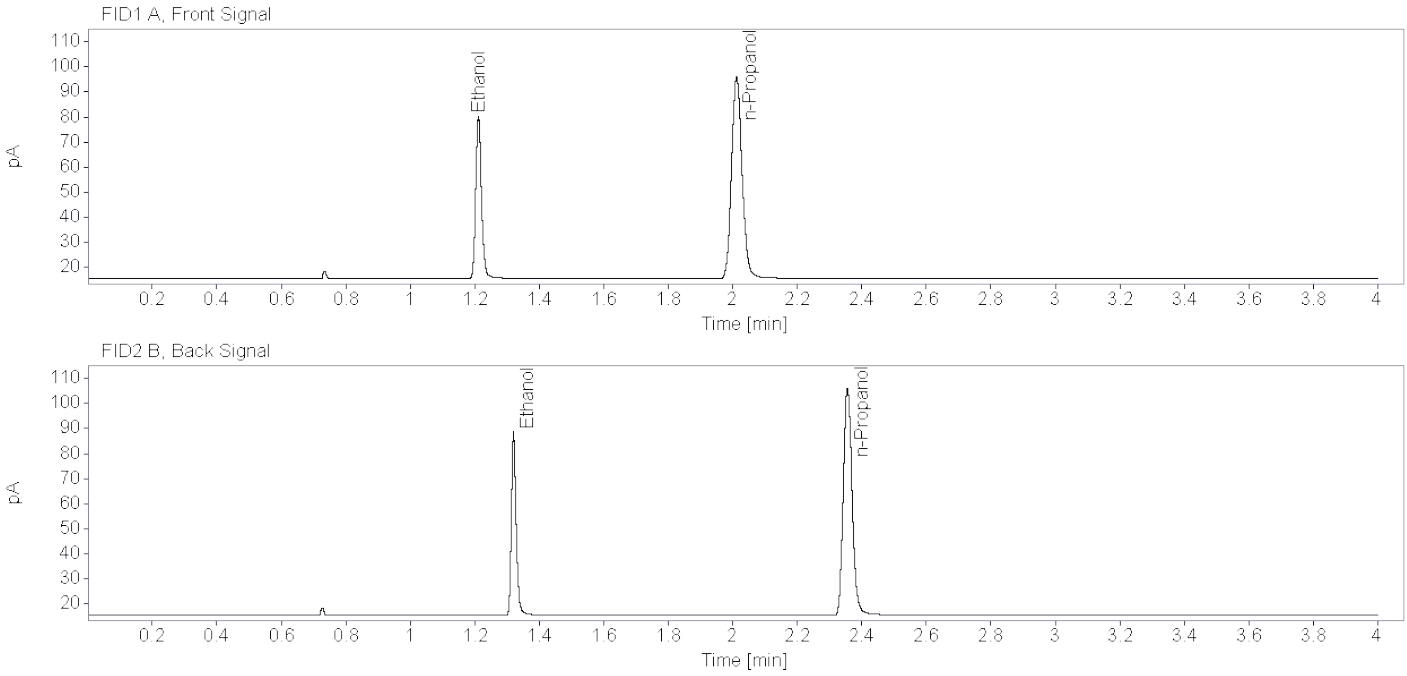
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86048	1.211	1.211	411.3911	0.4050
n-Propanol	0.86822	2.012	2.012	176.5559	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84500	1.319	1.320	392.0594	0.4055
n-Propanol	0.84432	2.355	2.356	167.8430	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-1674) **Description:** **Sample Barcode** 24-1674 **Vial Number:** 10
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 11:44:14 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\010F1001.D



Name FID1A

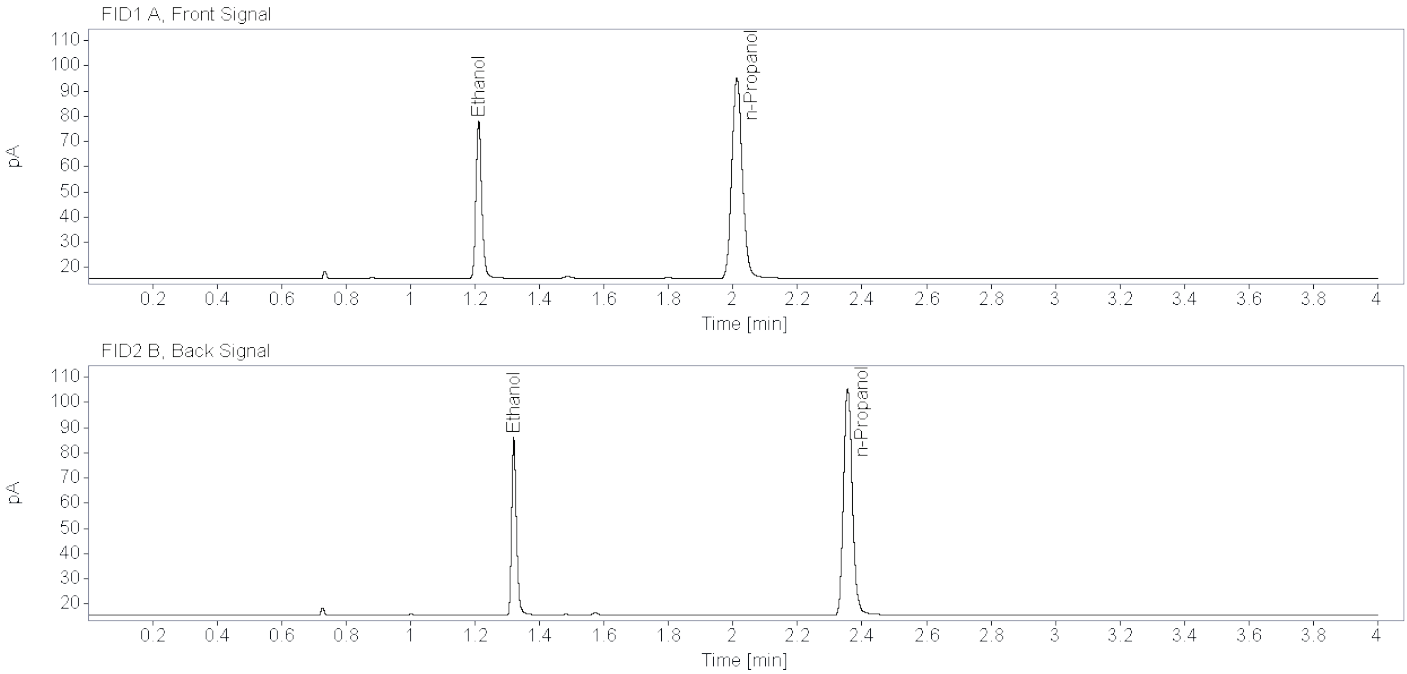
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82728	1.211	1.211	80.0558	0.0775
n-Propanol	0.86306	2.012	2.012	180.7702	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75585	1.320	1.320	76.0824	0.0777
n-Propanol	0.84726	2.356	2.356	171.9039	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1675) **Description:** **Sample Barcode** 24-1675 **Vial Number:** 11
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 11:49:56 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\011F1101.D



Name FID1A

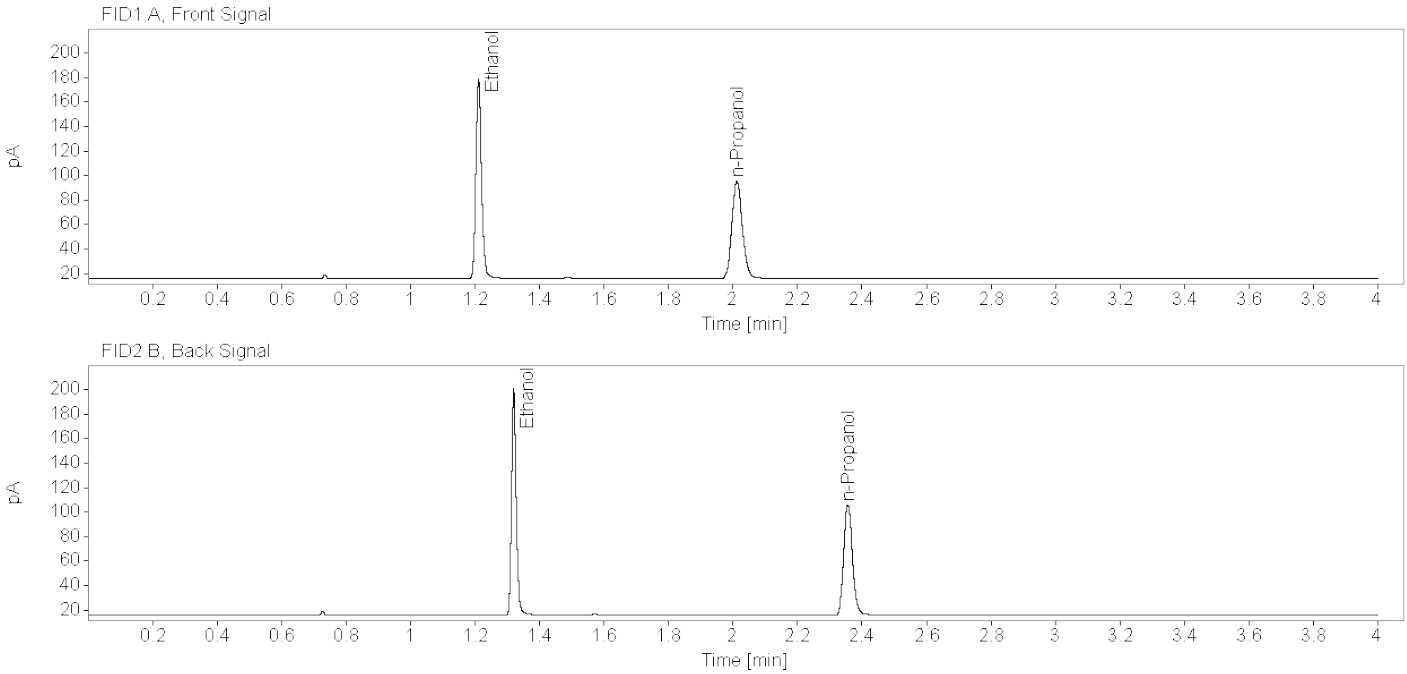
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82793	1.211	1.211	77.7770	0.0758
n-Propanol	0.86879	2.012	2.012	179.6062	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77464	1.320	1.320	73.8905	0.0758
n-Propanol	0.83110	2.355	2.356	171.1988	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-1686) **Description:** **Sample Barcode** 24-1686 **Vial Number:** 22
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 12:46:38 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\022F2201.D



Name FID1A

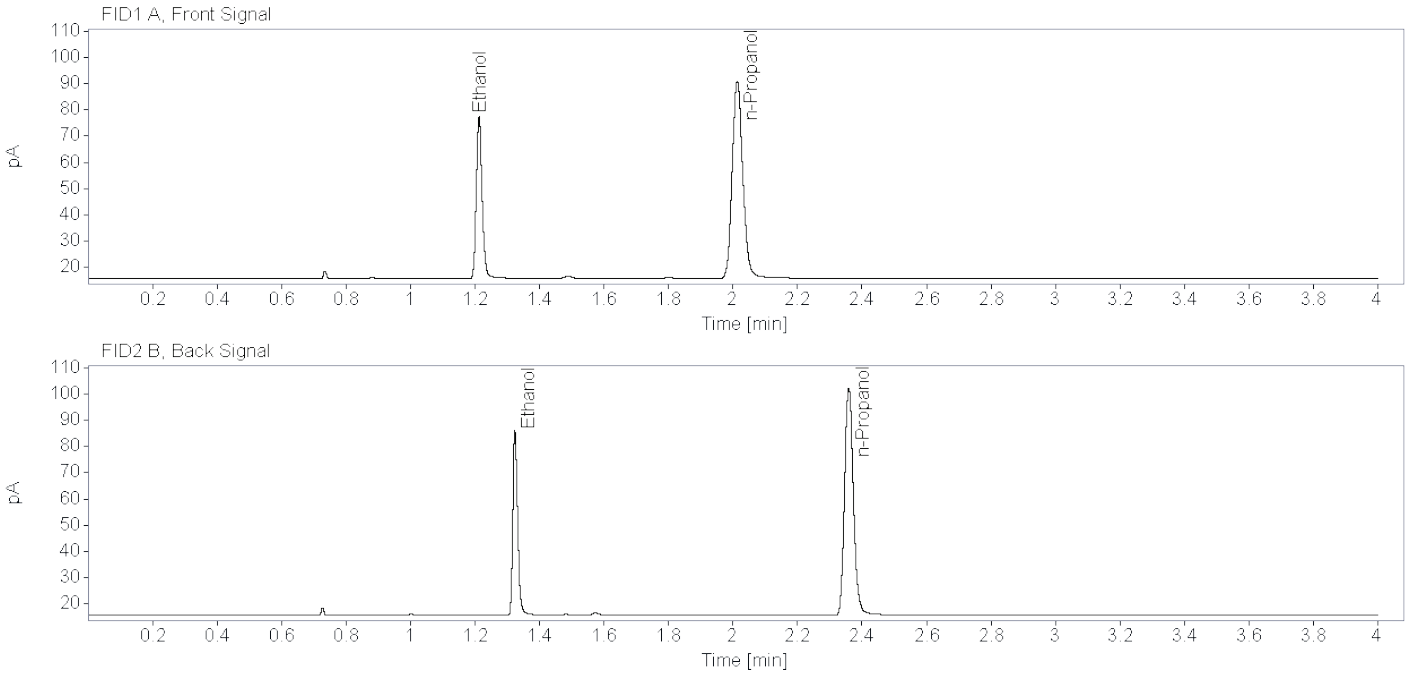
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84167	1.211	1.211	200.1115	0.1946
n-Propanol	0.86351	2.012	2.012	179.1097	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81561	1.320	1.320	190.8891	0.1940
n-Propanol	0.83725	2.356	2.356	171.3044	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A 24-1697) **Description:** **Sample Barcode** 24-1697 **Vial Number:** 33
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 1:44:19 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\033F3301.D



Name FID1A

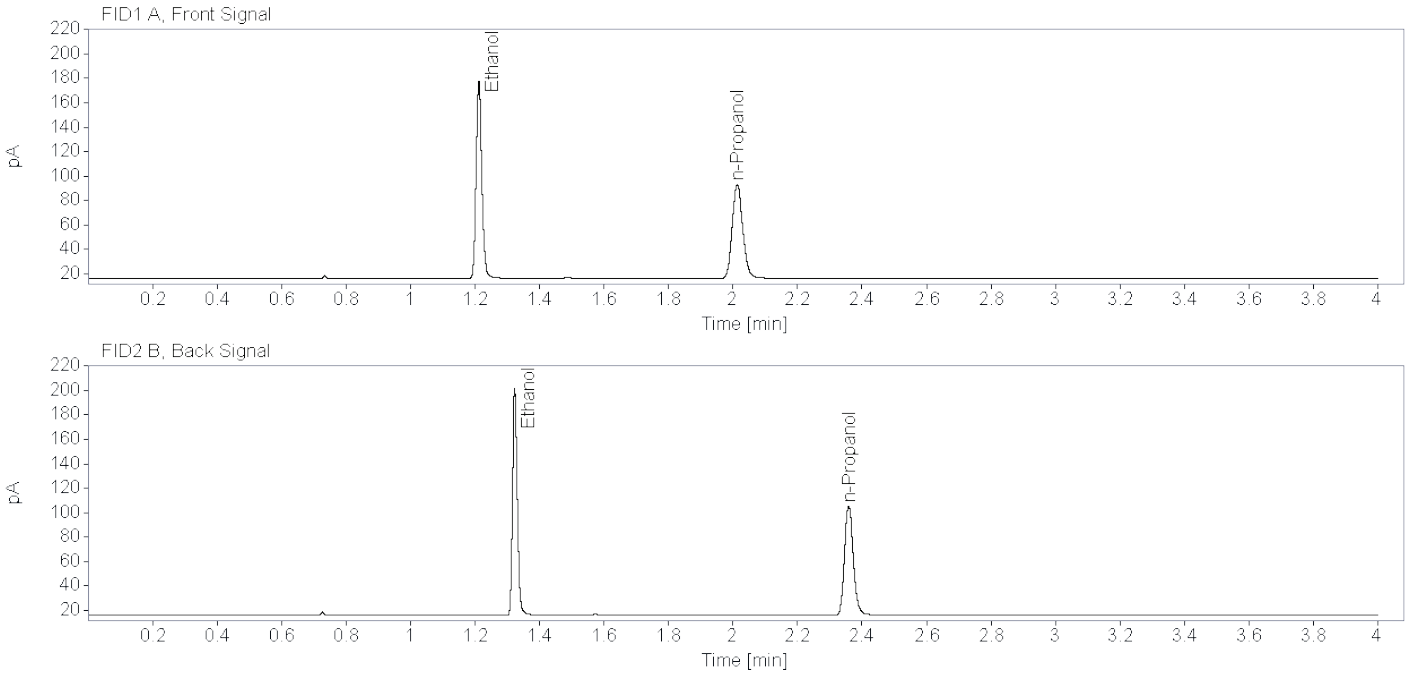
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84169	1.213	1.211	77.2339	0.0796
n-Propanol	0.85870	2.013	2.012	169.9054	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79575	1.324	1.320	73.7417	0.0788
n-Propanol	0.84747	2.359	2.356	164.2584	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-1708) **Description:** **Sample Barcode** 24-1708 **Vial Number:** 44
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 2:41:03 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\044F4401.D



Name FID1A

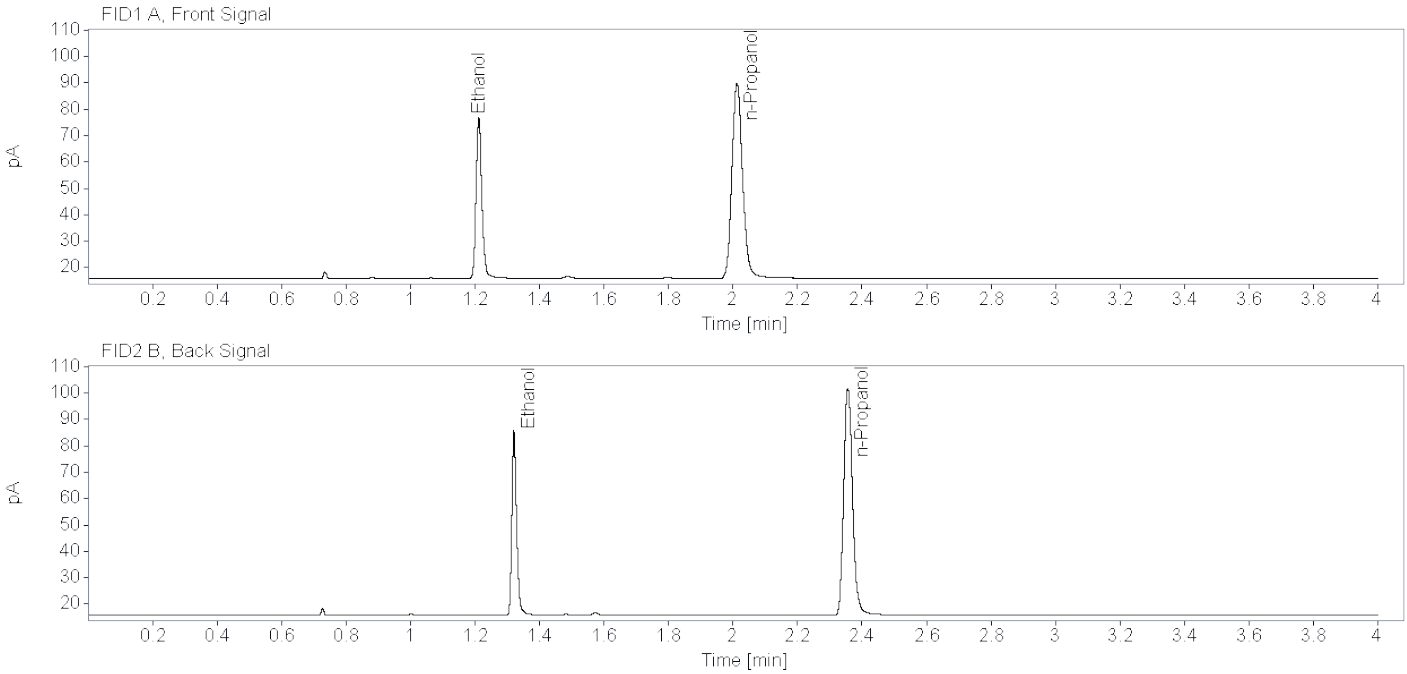
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85351	1.212	1.211	200.8905	0.2004
n-Propanol	0.86586	2.013	2.012	174.5115	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82212	1.323	1.320	191.9944	0.1969
n-Propanol	0.84515	2.359	2.356	169.7570	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1719) **Description:** **Sample Barcode** 24-1719 **Vial Number:** 55
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 3:38:44 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\055F5501.D



Name FID1A

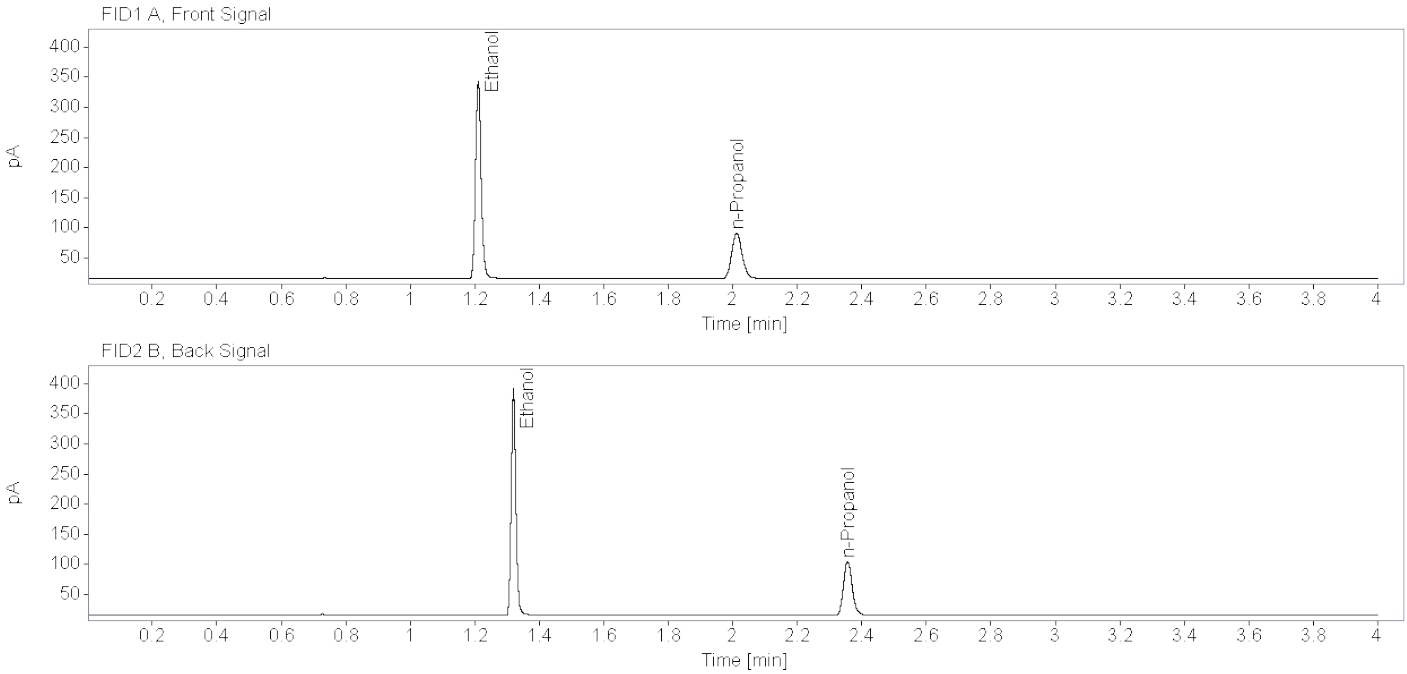
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82313	1.212	1.211	75.8204	0.0794
n-Propanol	0.85497	2.012	2.012	167.1402	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76590	1.321	1.320	72.6668	0.0780
n-Propanol	0.82978	2.356	2.356	163.5186	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-1720) **Description:** **Sample Barcode** 24-1720 **Vial Number:** 56
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 3:43:27 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\056F5601.D



Name FID1A

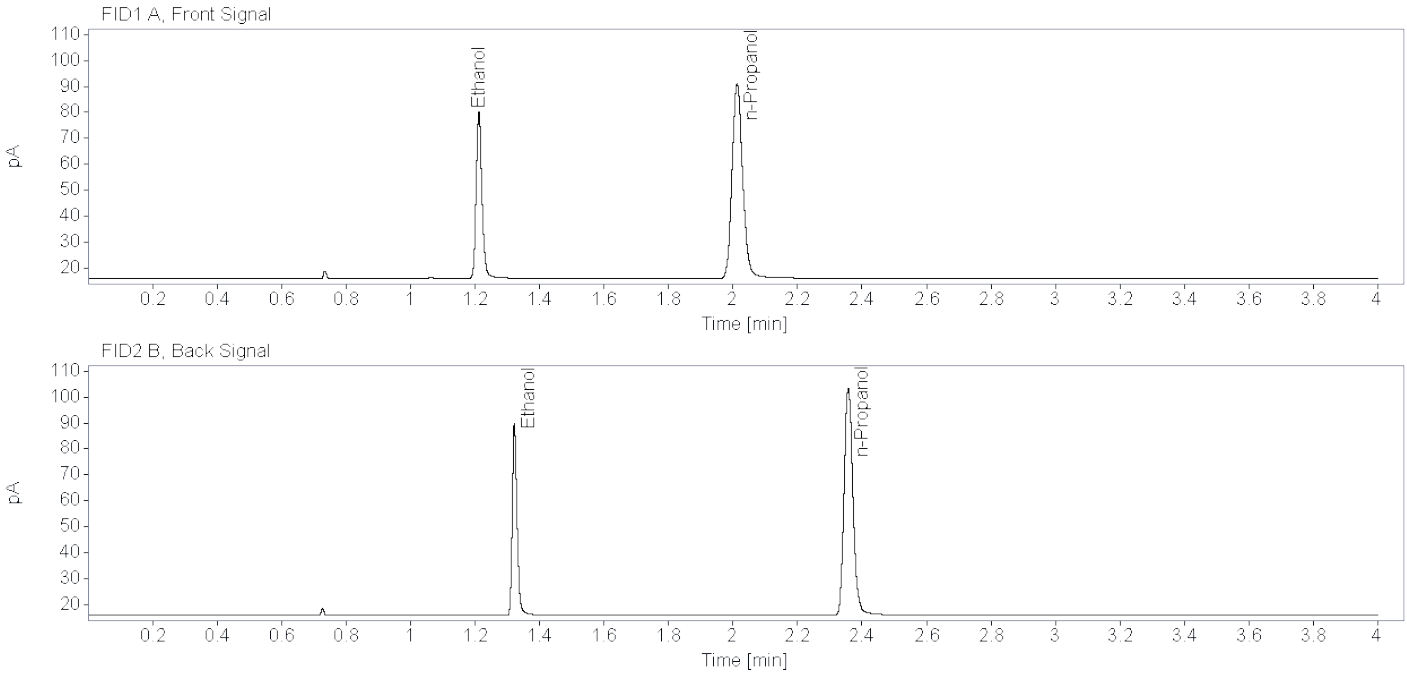
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84882	1.211	1.211	401.5372	0.4068
n-Propanol	0.85007	2.012	2.012	171.5448	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84474	1.320	1.320	384.7357	0.3984
n-Propanol	0.84214	2.356	2.356	167.6288	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-1721) **Description:** **Sample Barcode** 24-1721 **Vial Number:** 57
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 3:49:08 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\057F5701.D



Name FID1A

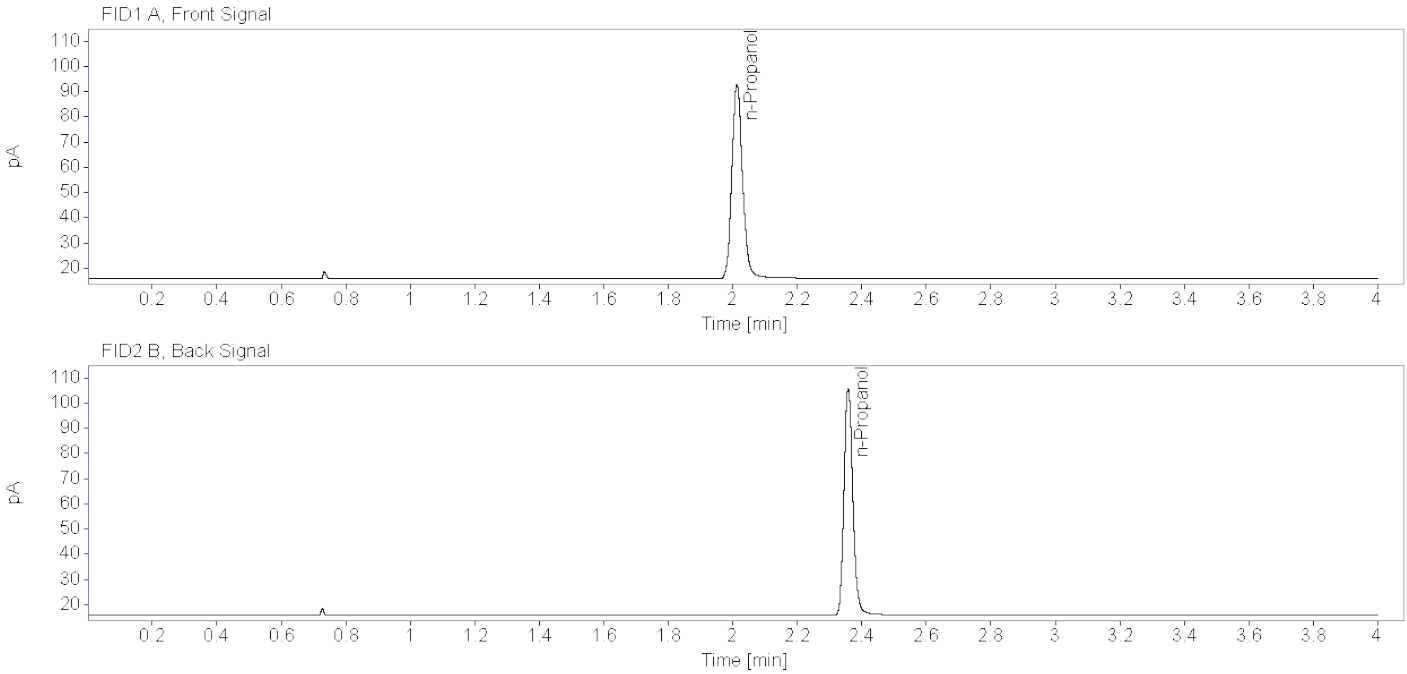
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82655	1.212	1.211	79.8241	0.0824
n-Propanol	0.85559	2.013	2.012	169.4737	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76473	1.322	1.320	76.6089	0.0805
n-Propanol	0.84251	2.357	2.356	166.9497	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (24-1722) **Description:** **Sample Barcode** 24-1722 **Vial Number:** 58
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 3:53:50 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85530	2.013	2.012	174.0732	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84150	2.358	2.356	171.0134	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1155 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1649	Aliquot 1:	0.1649
	Aliquot 2:	0.1710	Aliquot 2:	0.1676

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

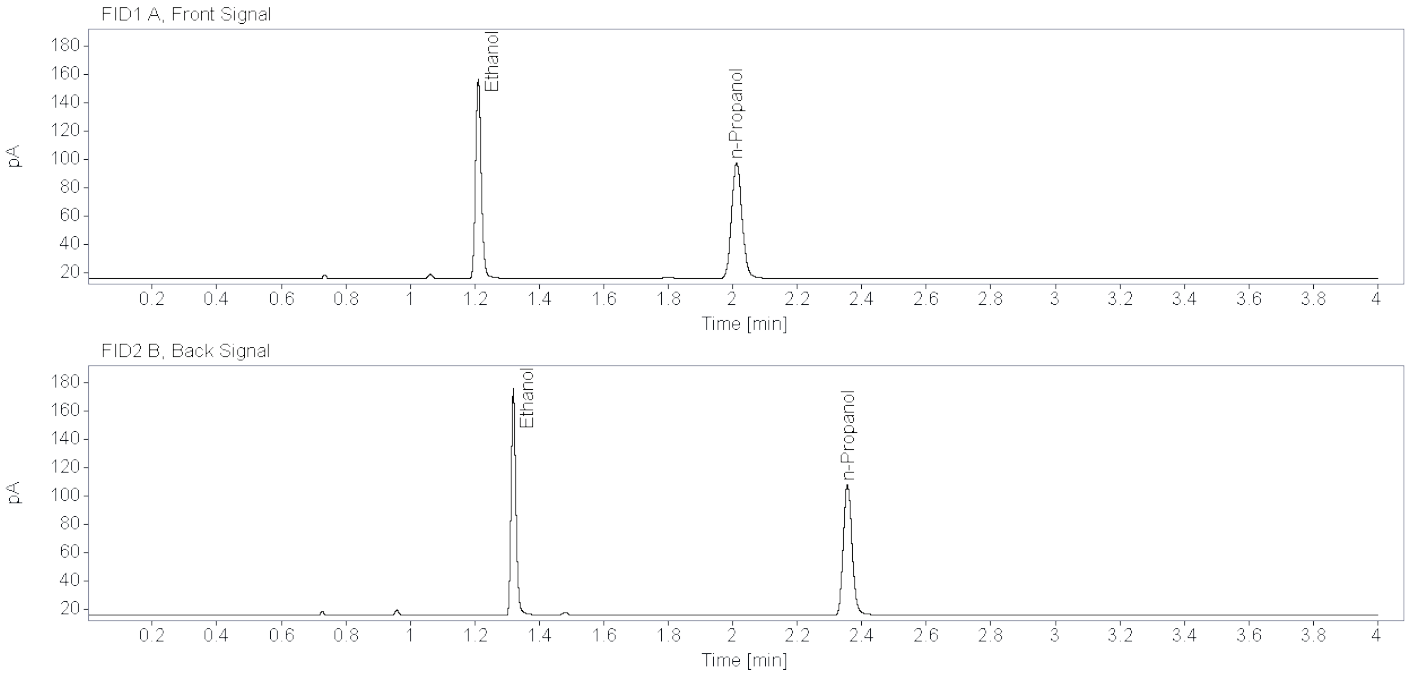
Reported UM: **0.024** **g/100 mL**

Comments: Previously analyzed in BAC_20240716_MH. --8/23/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1155 001 (24-1676) **Description:** Alq 1 **Sample Barcode** 24-1676 **Vial Number:** 12
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 11:54:39 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\012F1201.D



Name FID1A

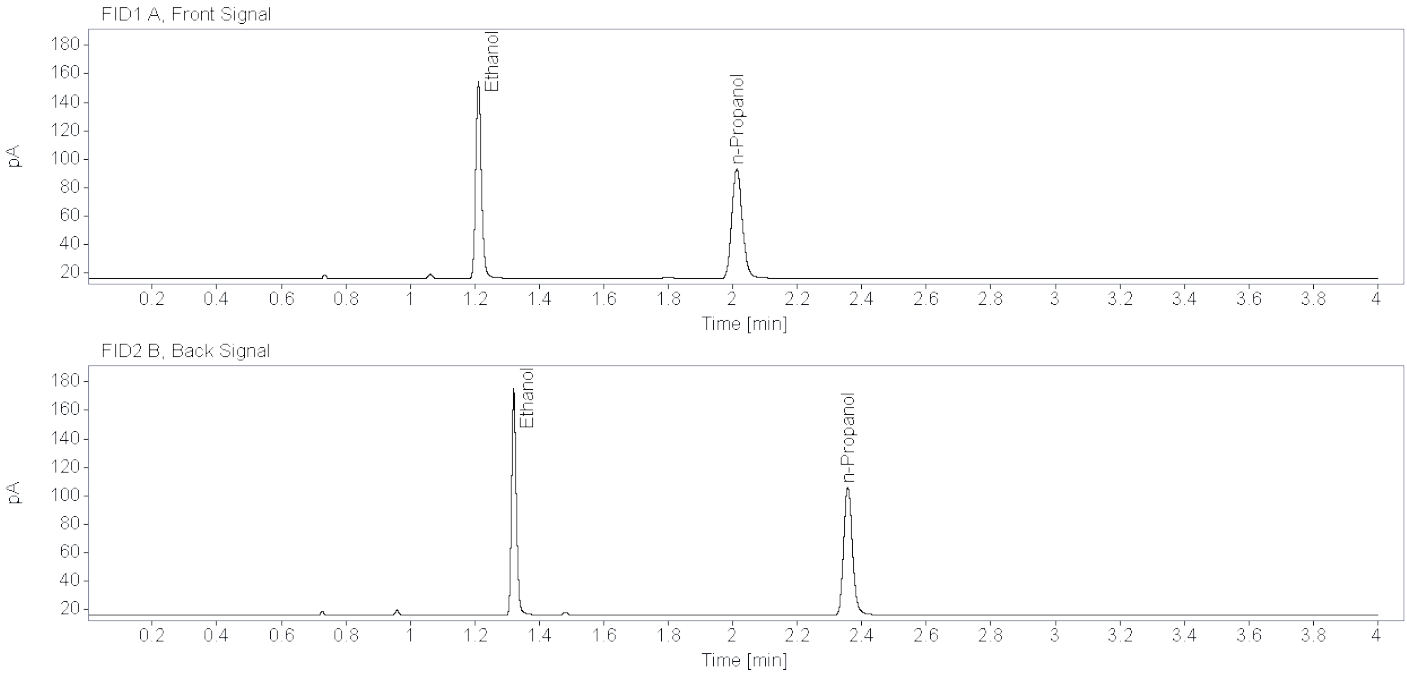
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83513	1.211	1.211	174.7003	0.1649
n-Propanol	0.86707	2.012	2.012	184.6124	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78699	1.320	1.320	166.3045	0.1649
n-Propanol	0.84563	2.356	2.356	175.7138	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1155 001 (24-1718) **Description:** Alq 2 **Sample Barcode** 24-1718 **Vial Number:** 54
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 3:33:03 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83025	1.211	1.211	171.2233	0.1710
n-Propanol	0.85381	2.012	2.012	174.4297	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81169	1.321	1.320	164.4858	0.1676
n-Propanol	0.83355	2.357	2.356	170.9991	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1181 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol	FID1		FID2	
Aliquot 1:	0.0560	Aliquot 1:	0.0559	
Aliquot 2:	0.0519	Aliquot 2:	0.0507	

Reported Result: 0.053 **g/100 mL**

Reported UM: 0.008 **g/100 mL**

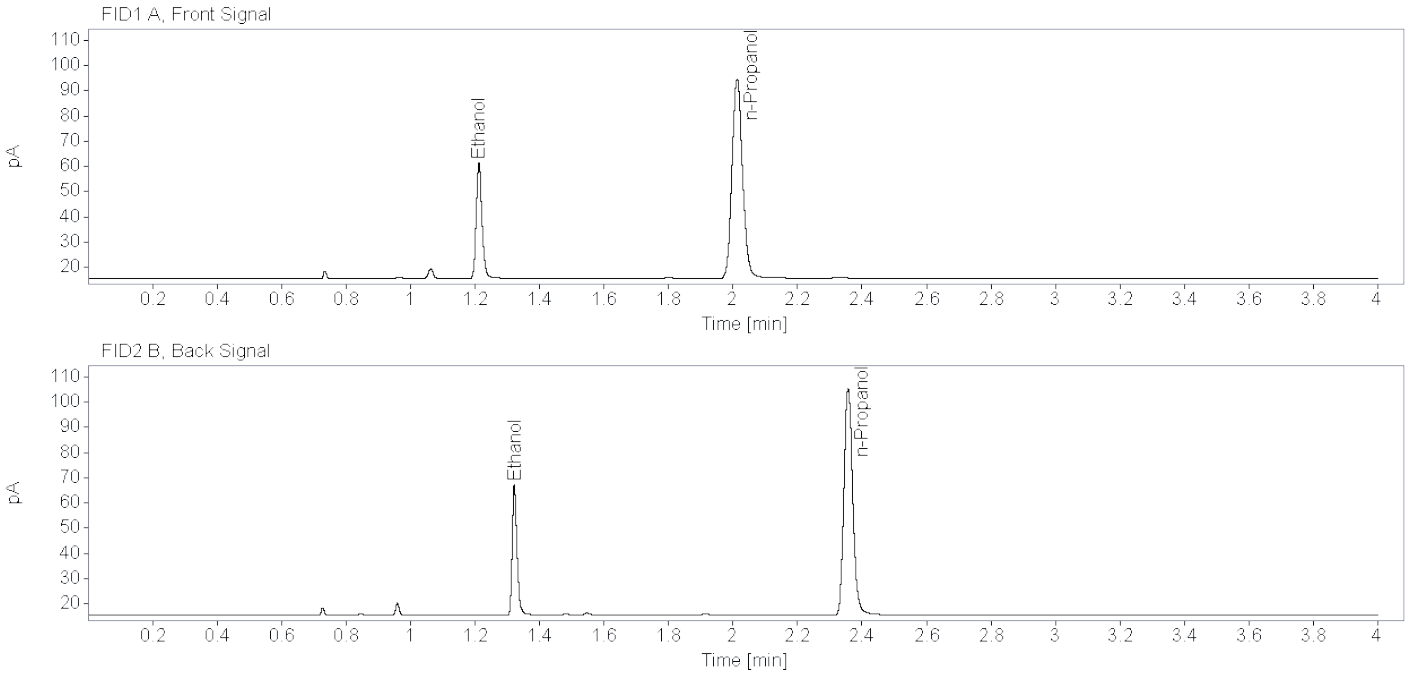
8/20/2024 mh

Comments: Previously analyzed in BAC_20240716_MH. FID 2 value on aliquot 2 is not within 5% of the average. Sample will be repeated. -- 8/20/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1181 001 (24-1677) **Description:** Alq 1 **Sample Barcode** 24-1677 **Vial Number:** 13
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 12:00:20 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\013F1301.D



Name FID1A

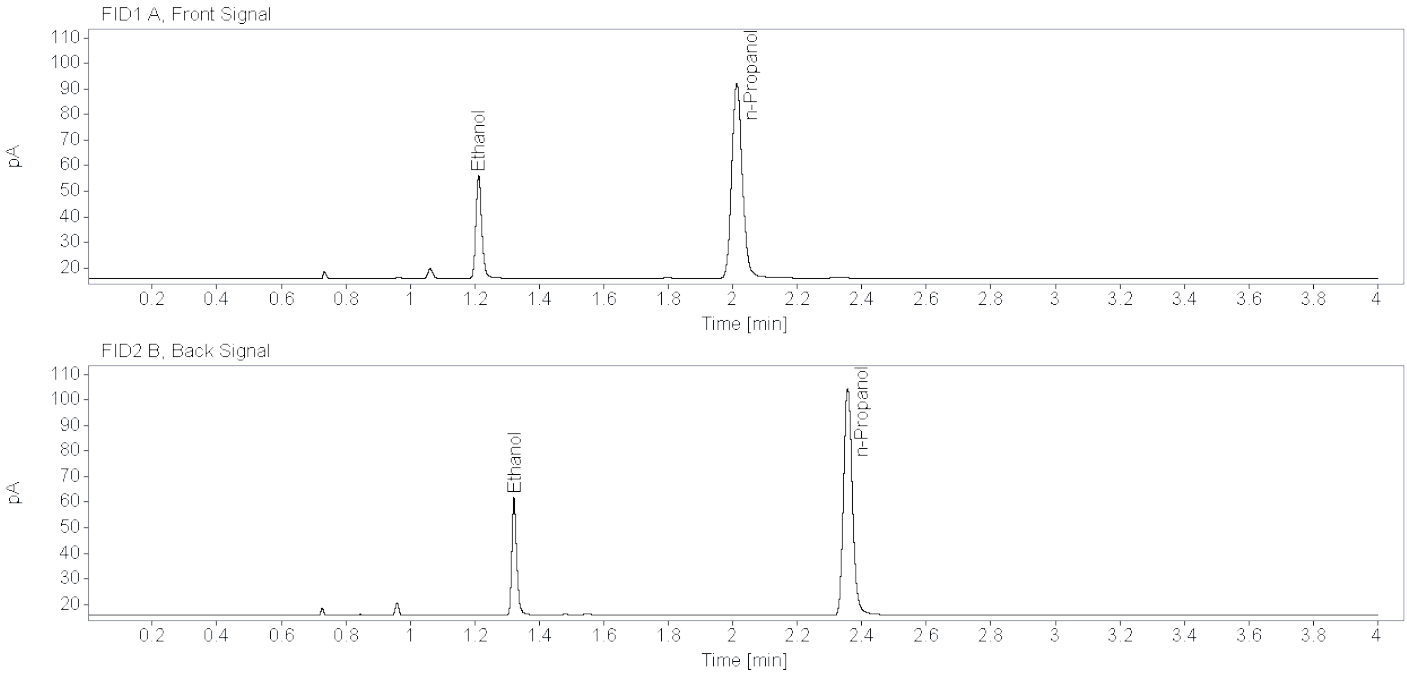
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83147	1.212	1.211	56.7221	0.0560
n-Propanol	0.87092	2.012	2.012	177.9878	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74780	1.322	1.320	53.9675	0.0559
n-Propanol	0.84091	2.357	2.356	170.3739	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1181 001 (24-1717) **Description:** Alq 2 **Sample Barcode** 24-1717 **Vial Number:** 53
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 3:28:19 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82466	1.212	1.211	50.7513	0.0519
n-Propanol	0.85466	2.012	2.012	171.9707	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75608	1.322	1.320	48.3435	0.0507
n-Propanol	0.83172	2.356	2.356	168.4882	0.0100

FID 2 value is not within 5% of the average. Sample will be repeated. -- 8/20/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1210 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2112	Aliquot 1:	0.2105
	Aliquot 2:	0.2391	Aliquot 2:	0.2327

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

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

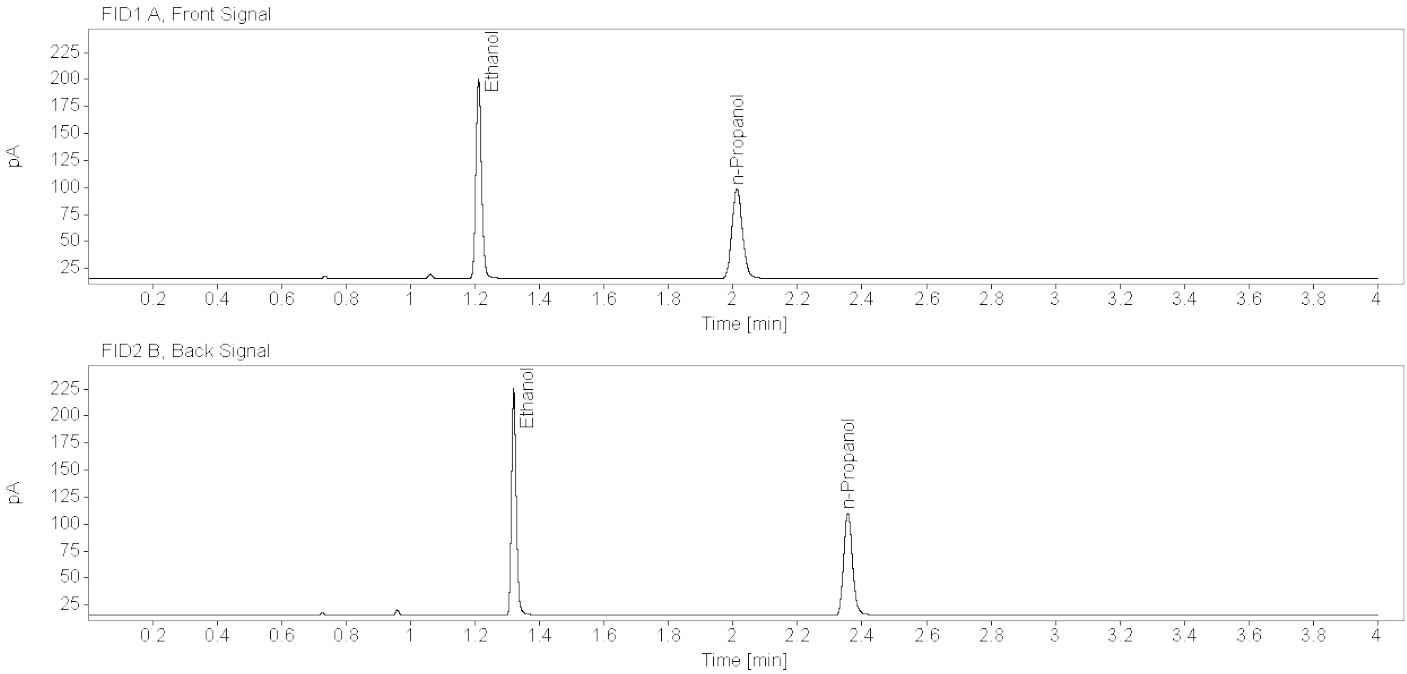
8/20/2024 mh

Comments: Previously analyzed in BAC_20240716_MH. All values except FID 2 value on aliquot 2 are not within 5% of the average. Sample will be repeated. -- 8/20/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1210 001 (24-1678) **Description:** Alq 1 **Sample Barcode** 24-1678 **Vial Number:** 14
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 12:05:03 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\014F1401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84801	1.211	1.211	227.1440	0.2112
n-Propanol	0.87059	2.012	2.012	187.2676	0.0100

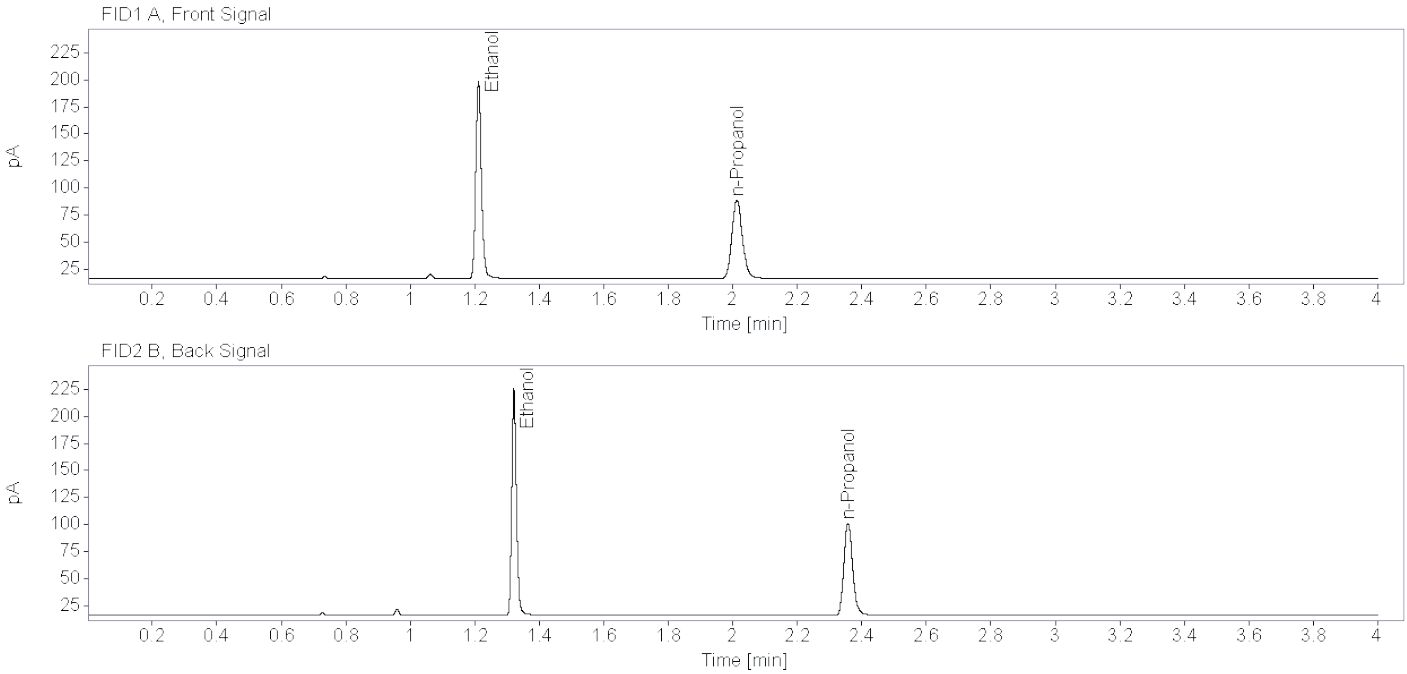
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82021	1.320	1.320	216.3797	0.2105
n-Propanol	0.84025	2.356	2.356	178.8477	0.0100

Values are not within 5% of the average. Sample will be repeated. -- 8/20/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1210 001 (24-1716) **Description:** Alq 2 **Sample Barcode** 24-1716 **Vial Number:** 52
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 3:22:39 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83862	1.212	1.211	224.5235	0.2391
n-Propanol	0.85357	2.013	2.012	163.4213	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83408	1.322	1.320	215.5042	0.2327
n-Propanol	0.83153	2.357	2.356	161.0465	0.0100

FID 1 value is not within 5% of the average. Sample will be repeated. -- 8/20/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1211 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1955	Aliquot 1:	0.1946
	Aliquot 2:	0.2002	Aliquot 2:	0.1947

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

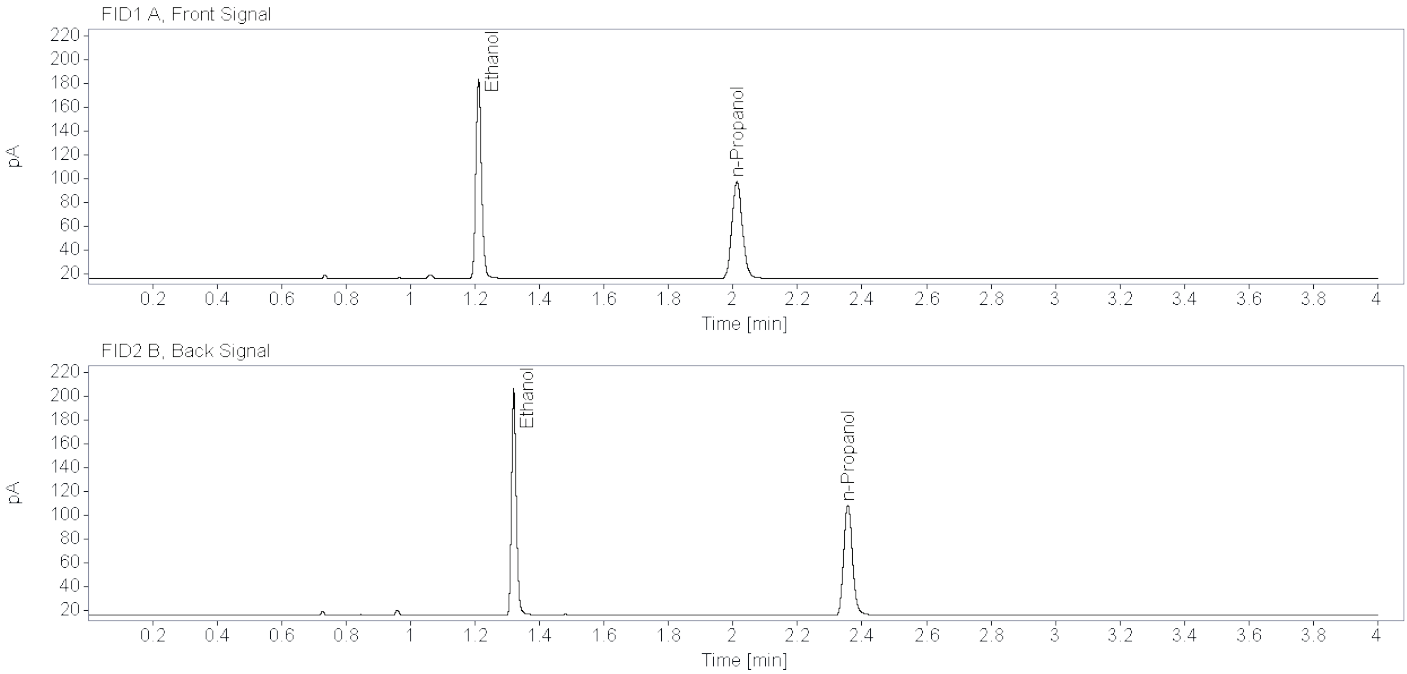
Reported UM: **0.028** **g/100 mL**

Comments: Previously analyzed in BAC_20240716_MH. --8/23/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1211 001 (24-1679) **Description:** Alq 1 **Sample Barcode** 24-1679 **Vial Number:** 15
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 12:10:44 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\015F1501.D



Name FID1A

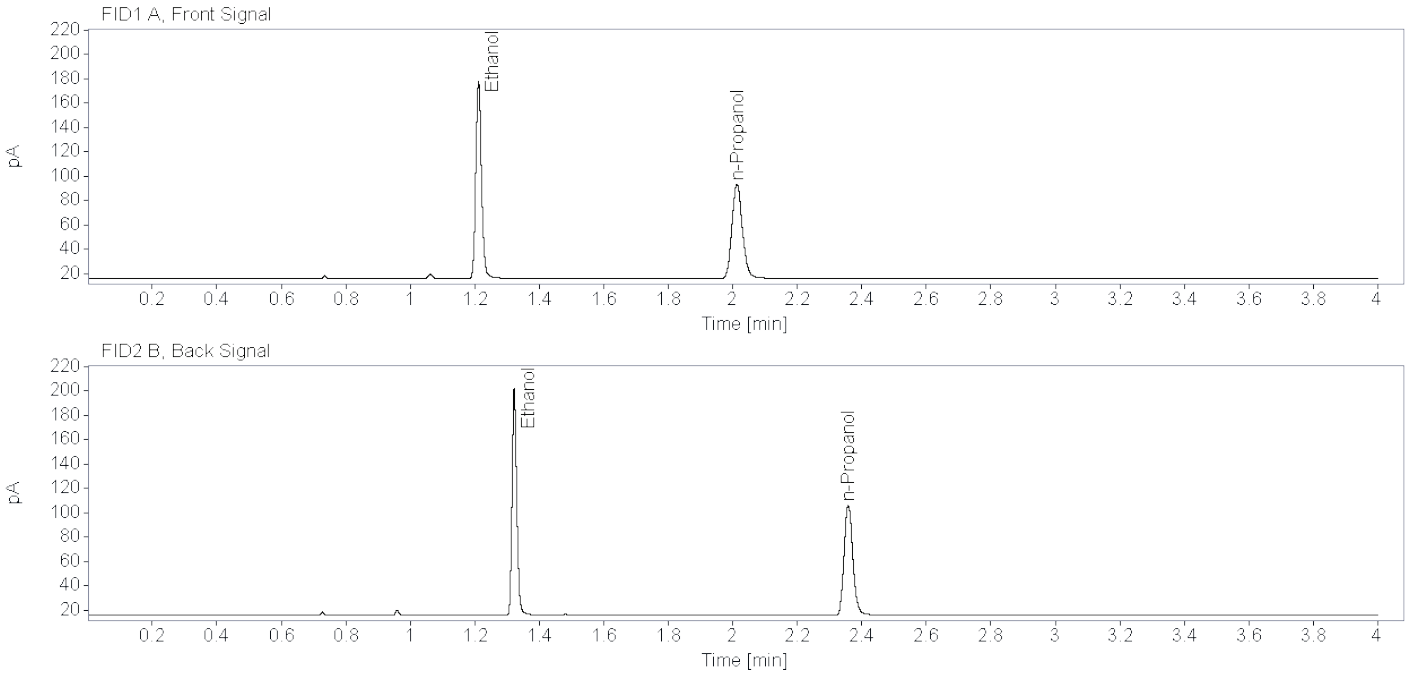
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84385	1.211	1.211	206.5608	0.1955
n-Propanol	0.86790	2.012	2.012	184.0065	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81640	1.320	1.320	196.6020	0.1946
n-Propanol	0.83798	2.356	2.356	175.8786	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1211 001 (24-1715) **Description:** Alq 2 **Sample Barcode** 24-1715 **Vial Number:** 51
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 3:17:56 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84342	1.212	1.211	200.1990	0.2002
n-Propanol	0.85690	2.013	2.012	174.1230	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81528	1.322	1.320	192.0437	0.1947
n-Propanol	0.84685	2.358	2.356	171.7362	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1222 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1304	Aliquot 1:	0.1296
	Aliquot 2:	0.1432	Aliquot 2:	0.1388

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

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

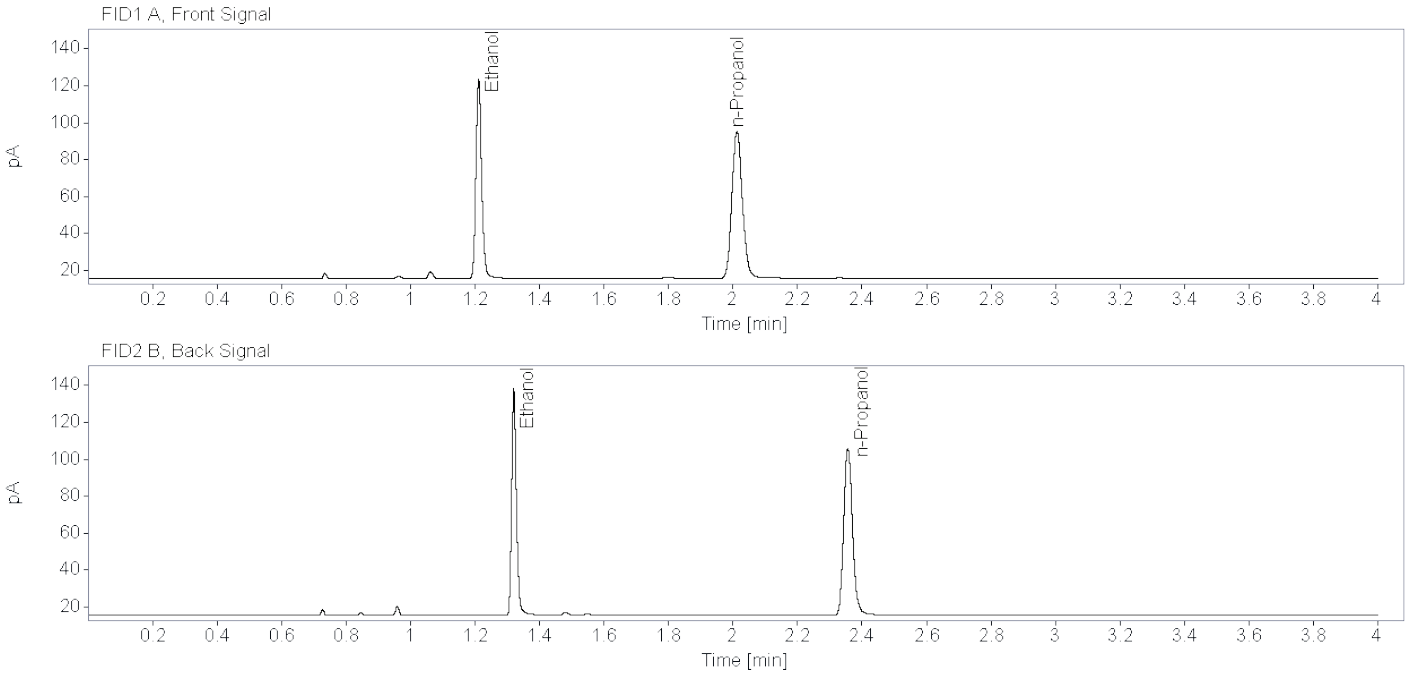
8/20/2024 mh

Comments: Previously analyzed in BAC_20240716_MH. FID 1 value on aliquot 2 is not within 5% of the average. Sample will be repeated. -- 8/20/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1222 001 (24-1680) **Description:** Alq 1 **Sample Barcode** 24-1680 **Vial Number:** 16
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 12:15:27 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\016F1601.D



Name FID1A

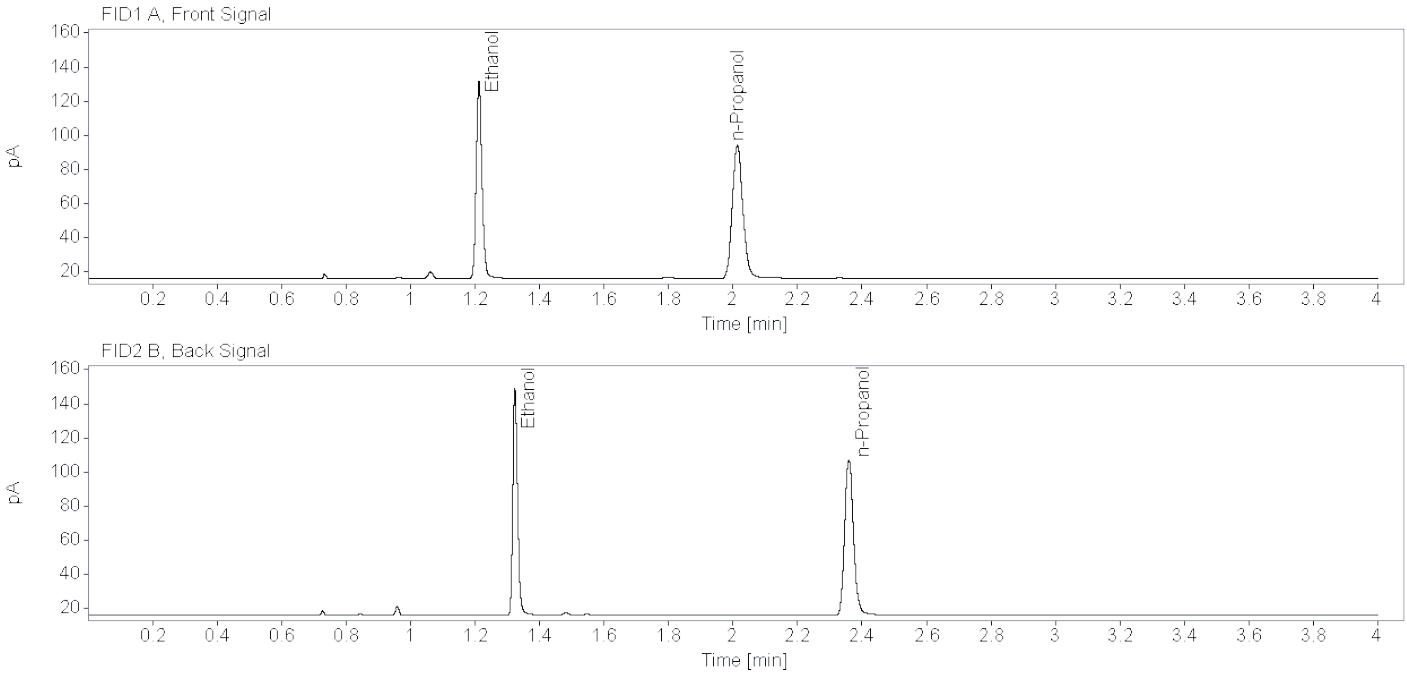
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83632	1.211	1.211	133.3618	0.1304
n-Propanol	0.86869	2.012	2.012	178.4703	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80006	1.320	1.320	127.0479	0.1296
n-Propanol	0.83811	2.356	2.356	171.1165	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1222 001 (24-1714) **Description:** Alq 2 **Sample Barcode** 24-1714 **Vial Number:** 50
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 3:12:14 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85312	1.212	1.211	144.4233	0.1432
n-Propanol	0.84910	2.013	2.012	175.8395	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82328	1.324	1.320	138.1487	0.1388
n-Propanol	0.83631	2.359	2.356	173.6245	0.0100

FID 1 value is not within 5% of the average. Sample will be repeated. -- 8/20/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1223 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3474	Aliquot 1:	0.3454
	Aliquot 2:	0.3478	Aliquot 2:	0.3403

Reported Result: **0.345** **g/100 mL**

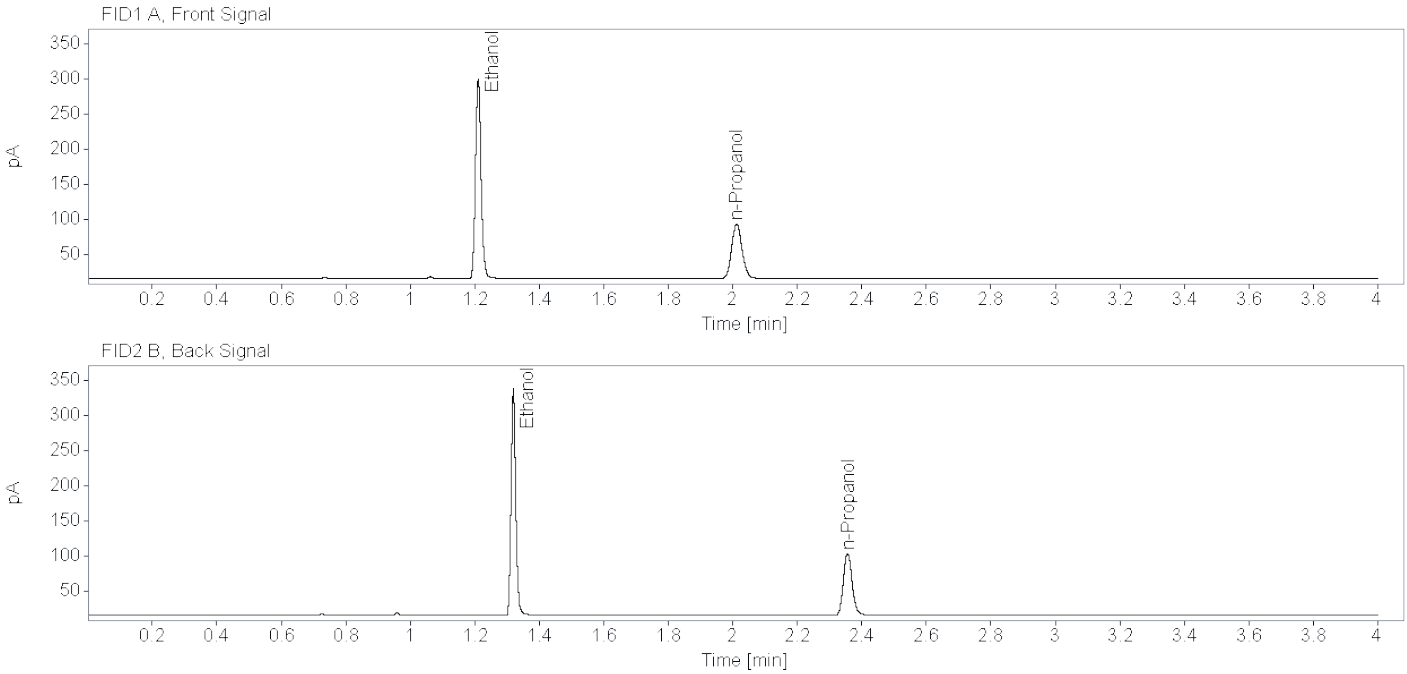
Reported UM: **0.050** **g/100 mL**

Comments: Previously analyzed in BAC_20240716_MH. --8/23/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1223 001 (24-1681) **Description:** Alq 1 **Sample Barcode** 24-1681 **Vial Number:** 17
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 12:21:08 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\017F1701.D



Name FID1A

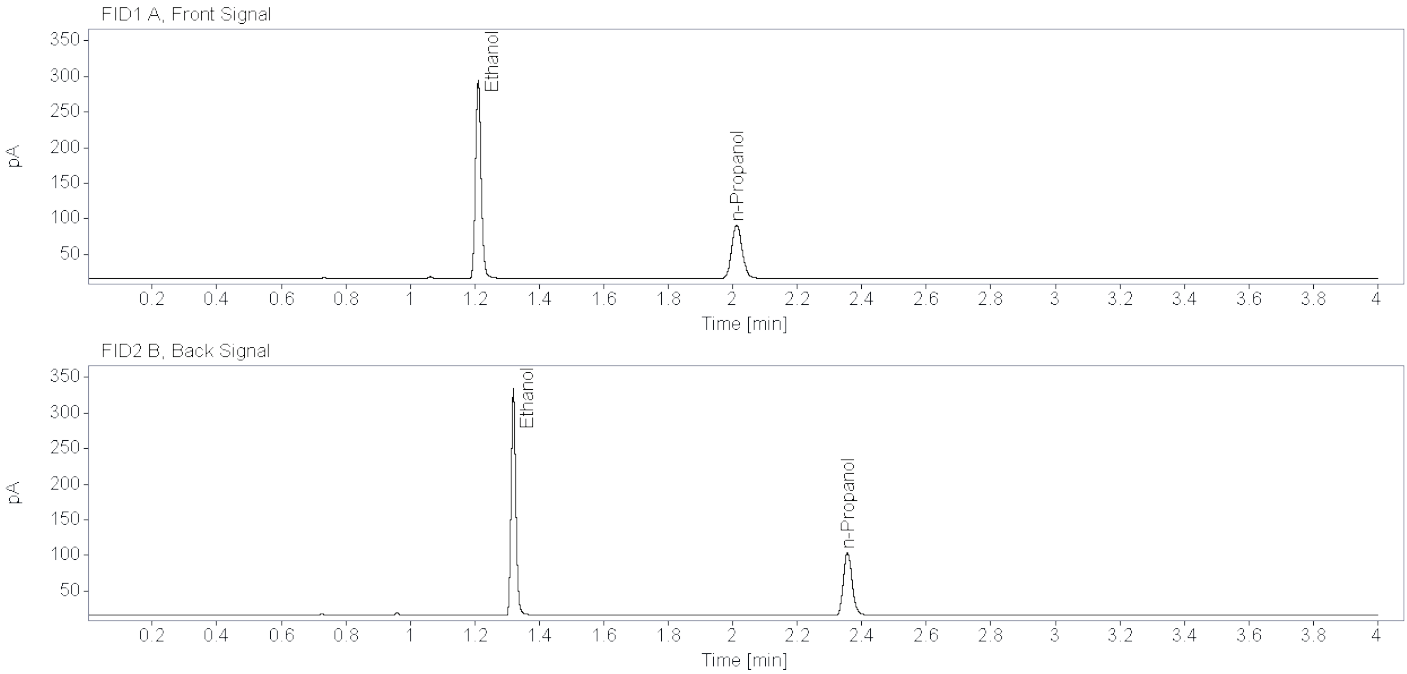
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85784	1.211	1.211	348.7670	0.3474
n-Propanol	0.86403	2.012	2.012	174.5205	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82751	1.320	1.320	332.0423	0.3454
n-Propanol	0.84204	2.356	2.356	166.9525	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1223 001 (24-1713) **Description:** Alq 2 **Sample Barcode** 24-1713 **Vial Number:** 49
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 3:07:32 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84286	1.211	1.211	341.9590	0.3478
n-Propanol	0.85594	2.012	2.012	170.9410	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82873	1.320	1.320	326.7122	0.3403
n-Propanol	0.83923	2.356	2.356	166.7478	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1224 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2387	Aliquot 1:	0.2378
	Aliquot 2:	0.2569	Aliquot 2:	0.2511

Reported Result: **0.246** **g/100 mL**

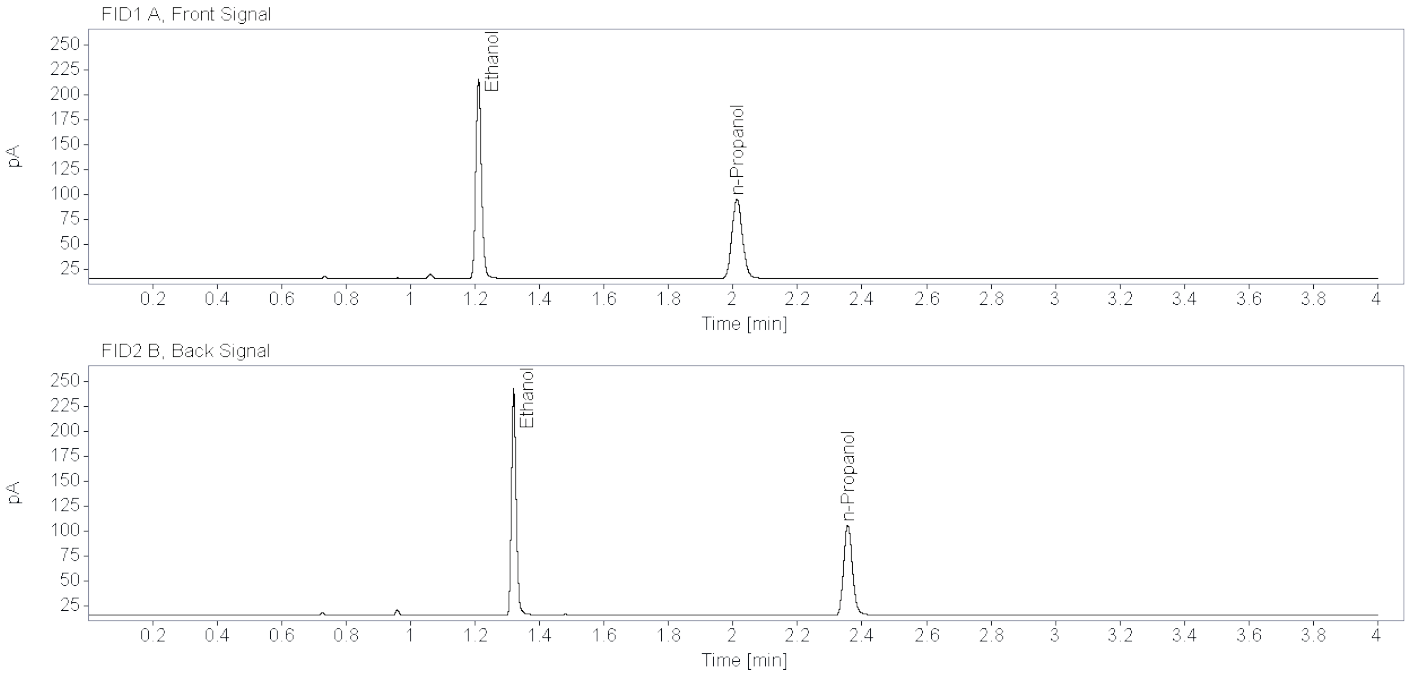
Reported UM: **0.035** **g/100 mL**

Comments: Previously analyzed in BAC_20240716_MH. --8/23/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1224 001 (24-1682) **Description:** Alq 1 **Sample Barcode** 24-1682 **Vial Number:** 18
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 12:25:50 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\018F1801.D



Name FID1A

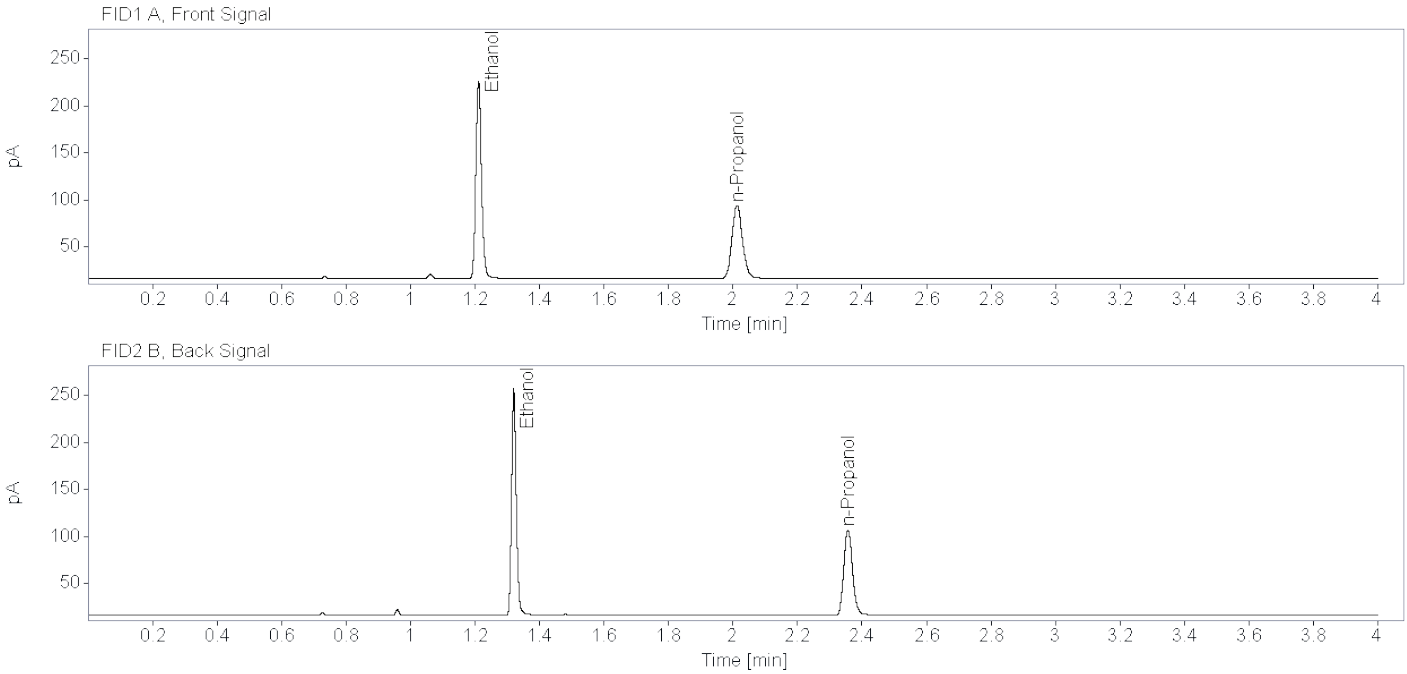
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85359	1.211	1.211	246.7624	0.2387
n-Propanol	0.86872	2.012	2.012	179.8580	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82324	1.320	1.320	234.4541	0.2378
n-Propanol	0.83678	2.356	2.356	171.4761	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1224 001 (24-1712) **Description:** Alq 2 **Sample Barcode** 24-1712 **Vial Number:** 48
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 3:01:51 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84644	1.211	1.211	259.6307	0.2569
n-Propanol	0.86025	2.012	2.012	175.8317	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83318	1.320	1.320	248.1229	0.2511
n-Propanol	0.83599	2.356	2.356	171.8309	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1233 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2734	Aliquot 1:	0.2719
	Aliquot 2:	0.2892	Aliquot 2:	0.2824

Reported Result: **0.279** **g/100 mL**

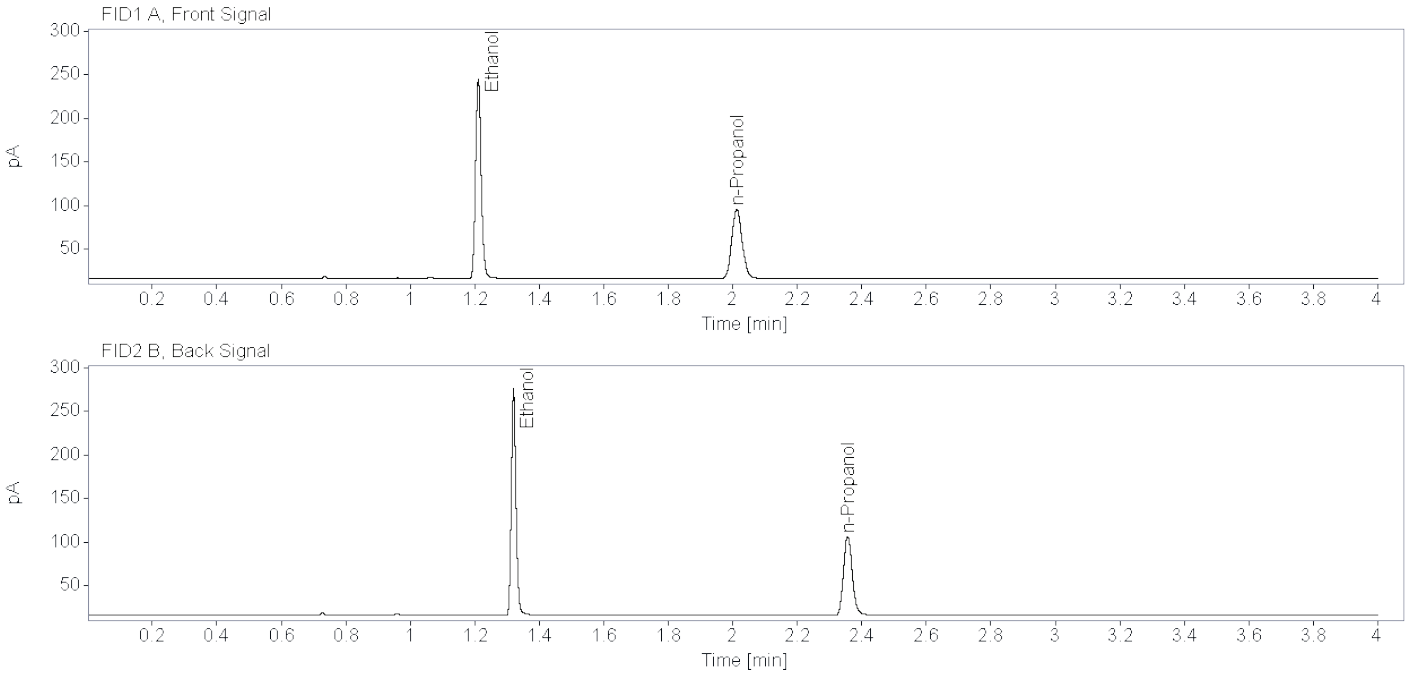
Reported UM: **0.040** **g/100 mL**

Comments: Previously analyzed in BAC_20240716_MH. --8/23/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1233 001 (24-1683) **Description:** Alq 1 **Sample Barcode** 24-1683 **Vial Number:** 19
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 12:31:32 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\019F1901.D



Name FID1A

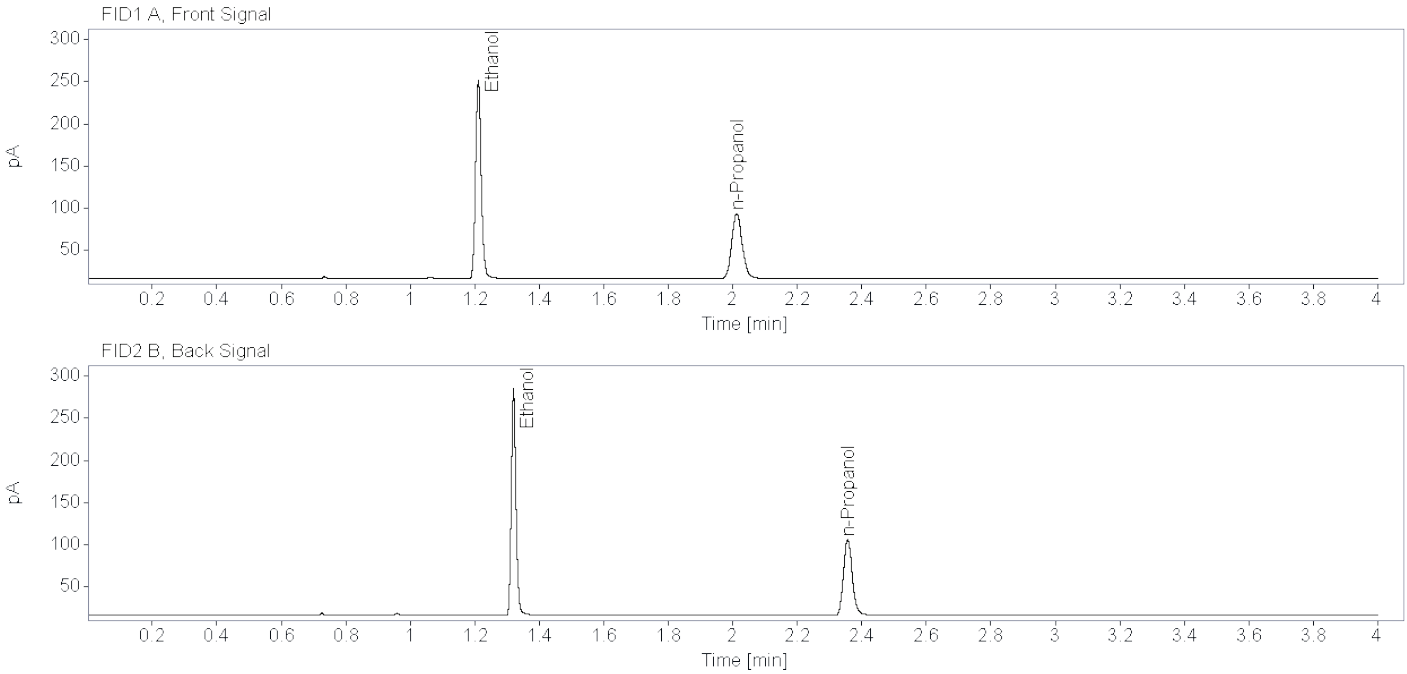
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84787	1.211	1.211	282.0190	0.2734
n-Propanol	0.86698	2.012	2.012	179.4513	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82057	1.320	1.320	267.9625	0.2719
n-Propanol	0.84559	2.356	2.356	171.3245	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1233 001 (24-1711) **Description:** Alq 2 **Sample Barcode** 24-1711 **Vial Number:** 47
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 2:57:07 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84661	1.211	1.211	290.2945	0.2892
n-Propanol	0.85400	2.012	2.012	174.5971	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82147	1.320	1.320	276.8635	0.2824
n-Propanol	0.84659	2.356	2.356	170.3631	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1234 003

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0719	Aliquot 1:	0.0714
	Aliquot 2:	0.0759	Aliquot 2:	0.0742

Reported Result: **0.073** **g/100 mL**

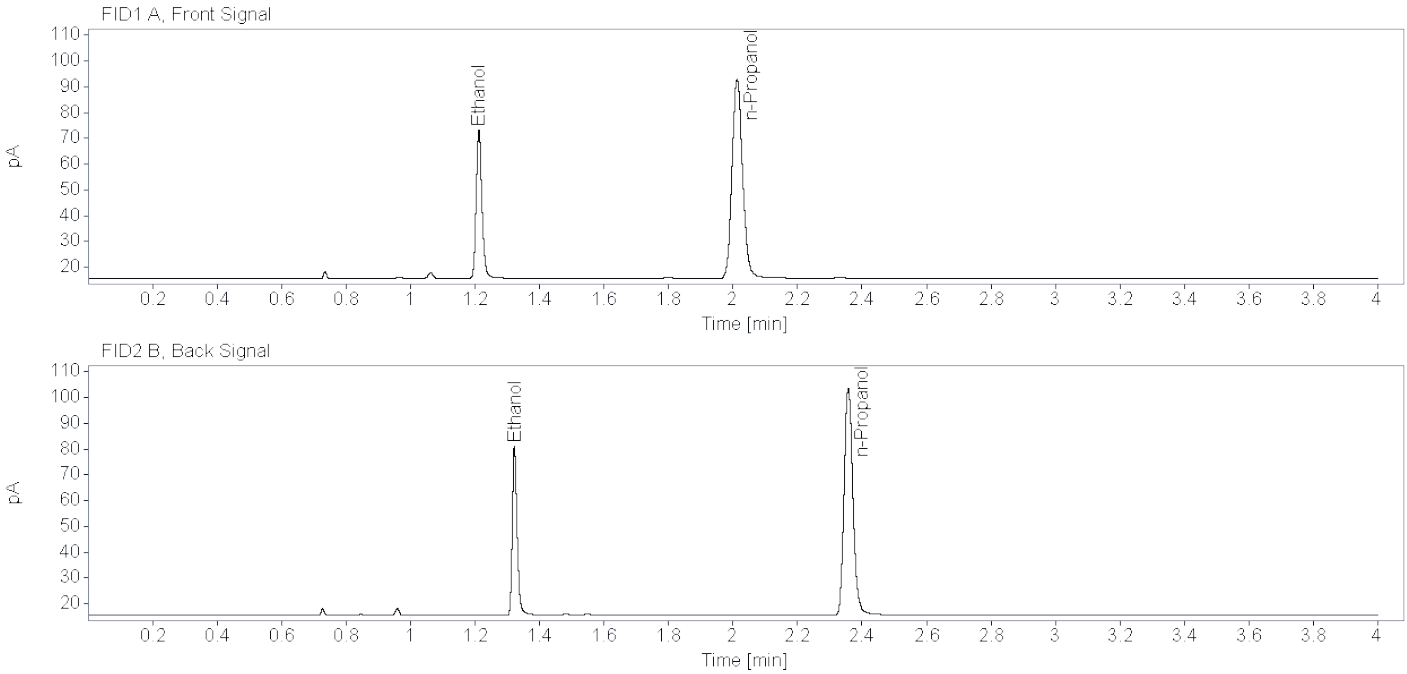
Reported UM: **0.011** **g/100 mL**

Comments: Previously analyzed in BAC_20240716_MH. --8/23/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1234 003 (24-1684) **Description:** Alq 1 **Sample Barcode** 24-1684 **Vial Number:** 20
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 12:36:15 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\020F2001.D



Name FID1A

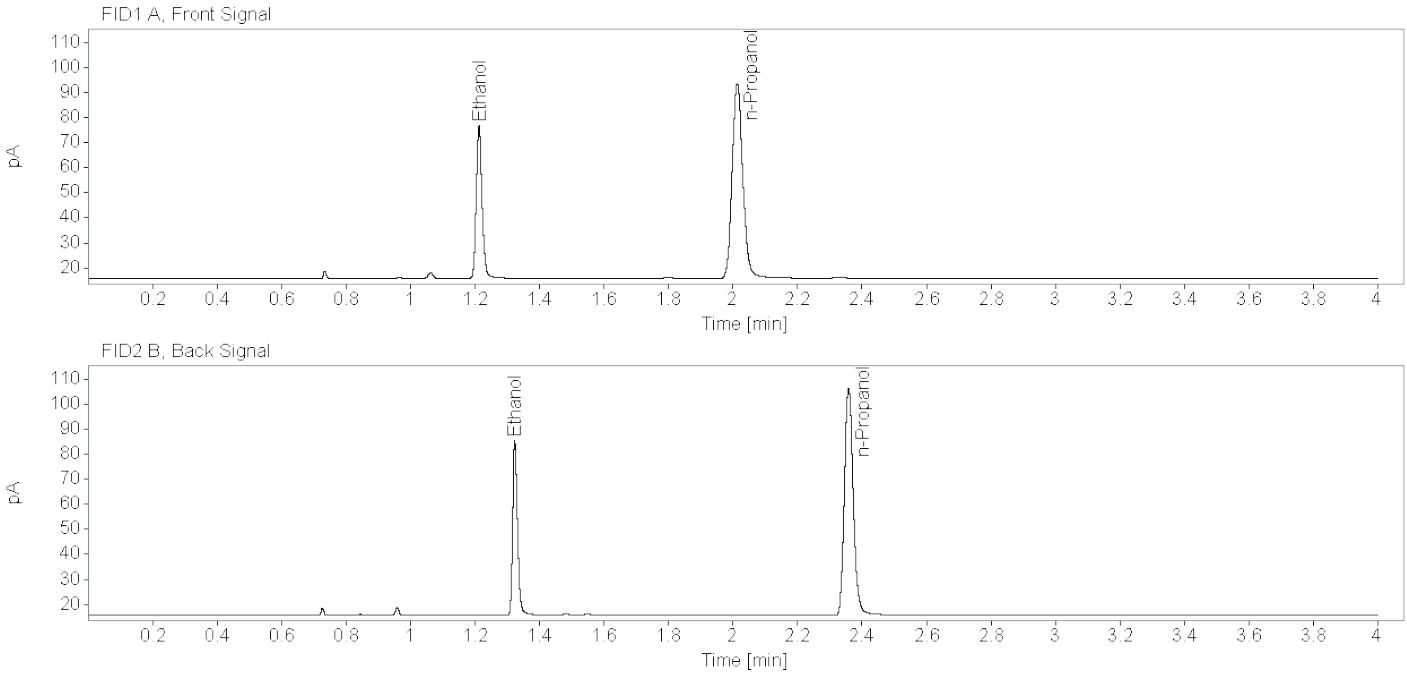
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83701	1.212	1.211	71.3968	0.0719
n-Propanol	0.86805	2.013	2.012	174.0619	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75827	1.322	1.320	67.8065	0.0714
n-Propanol	0.84313	2.357	2.356	166.9822	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1234 003 (24-1710) **Description:** Alq 2 **Sample Barcode** 24-1710 **Vial Number:** 46
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 2:51:27 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84205	1.212	1.211	76.1185	0.0759
n-Propanol	0.86431	2.013	2.012	175.5569	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78697	1.324	1.320	72.5822	0.0742
n-Propanol	0.84275	2.358	2.356	171.6925	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1248 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1000	Aliquot 1:	0.0995
	Aliquot 2:	0.1014	Aliquot 2:	0.0999

Reported Result: **0.100** **g/100 mL**

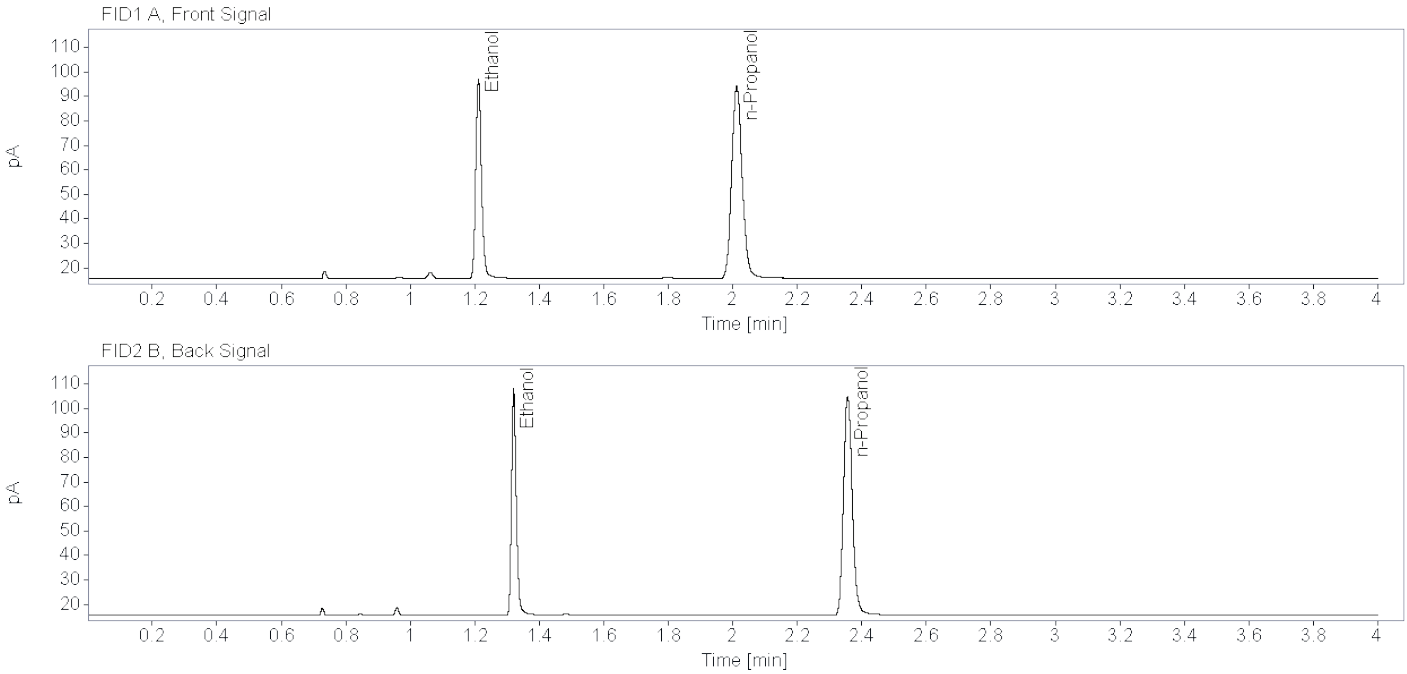
Reported UM: **0.014** **g/100 mL**

Comments: Previously analyzed in BAC_20240716_MH. --8/23/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1248 001 (24-1685) **Description:** Alq 1 **Sample Barcode** 24-1685 **Vial Number:** 21
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 12:41:56 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\021F2101.D



Name FID1A

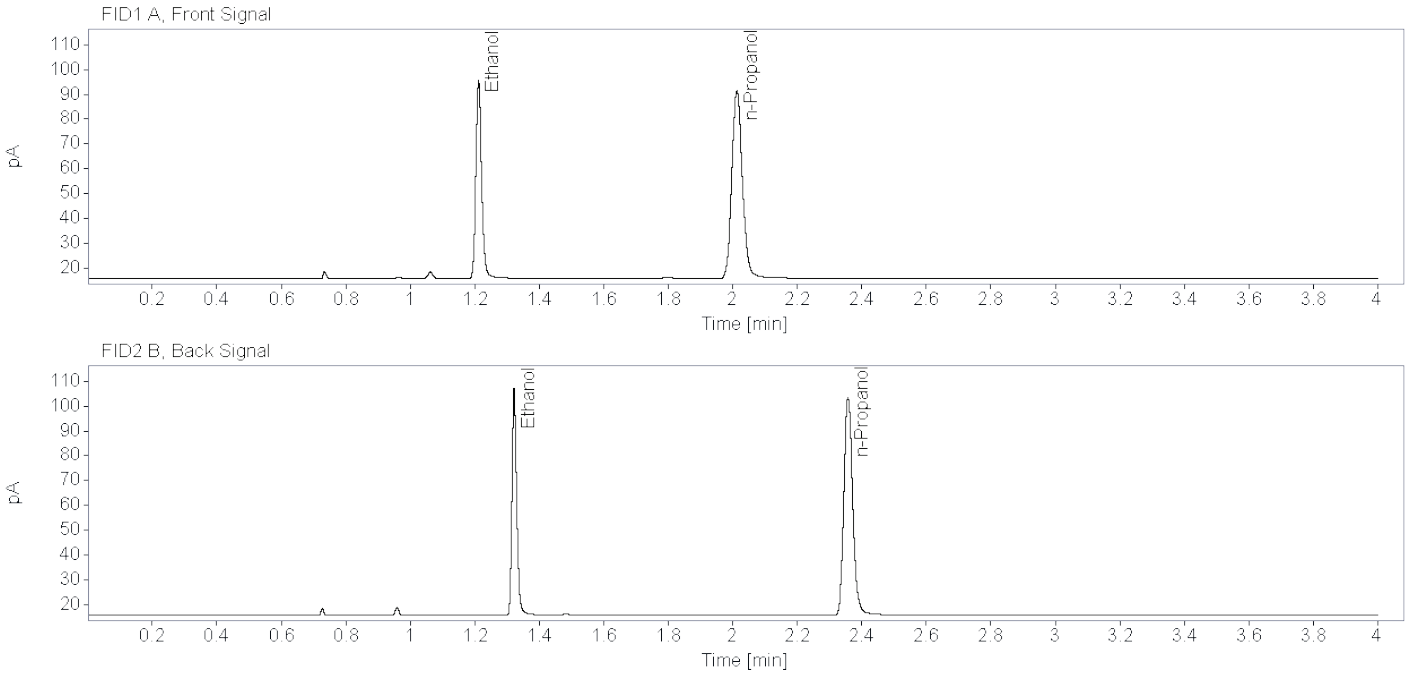
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83001	1.212	1.211	100.7785	0.1000
n-Propanol	0.86194	2.012	2.012	176.1500	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78509	1.321	1.320	95.8982	0.0995
n-Propanol	0.84476	2.356	2.356	168.5971	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1248 001 (24-1709) **Description:** Alq 2 **Sample Barcode** 24-1709 **Vial Number:** 45
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 2:46:44 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83034	1.212	1.211	98.9378	0.1014
n-Propanol	0.85845	2.013	2.012	170.5081	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78129	1.322	1.320	94.9823	0.0999
n-Propanol	0.84042	2.357	2.356	166.3806	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1249 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1471	Aliquot 1:	0.1462
	Aliquot 2:	0.1425	Aliquot 2:	0.1403

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

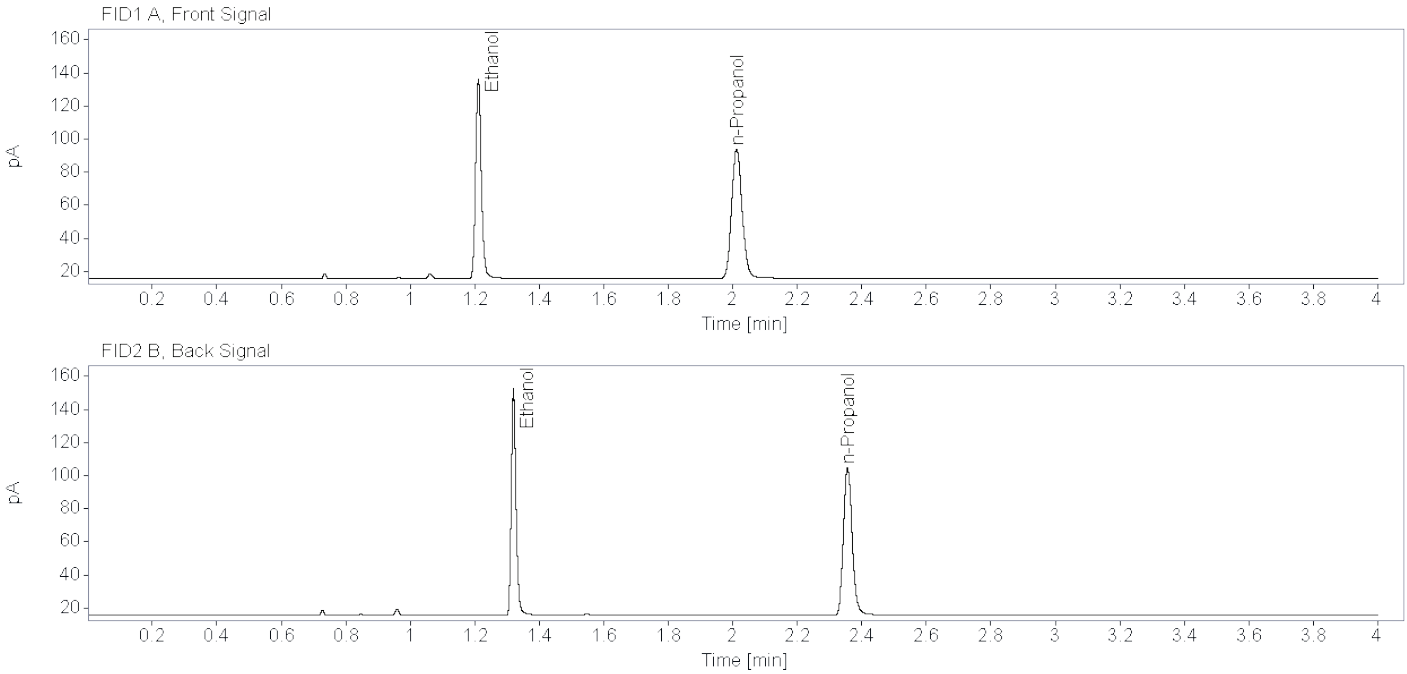
Reported UM: **0.021** **g/100 mL**

Comments: Previously analyzed in BAC_20240716_MH. --8/23/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1249 001 (24-1687) **Description:** Alq 1 **Sample Barcode** 24-1687 **Vial Number:** 23
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 12:52:20 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\023F2301.D



Name FID1A

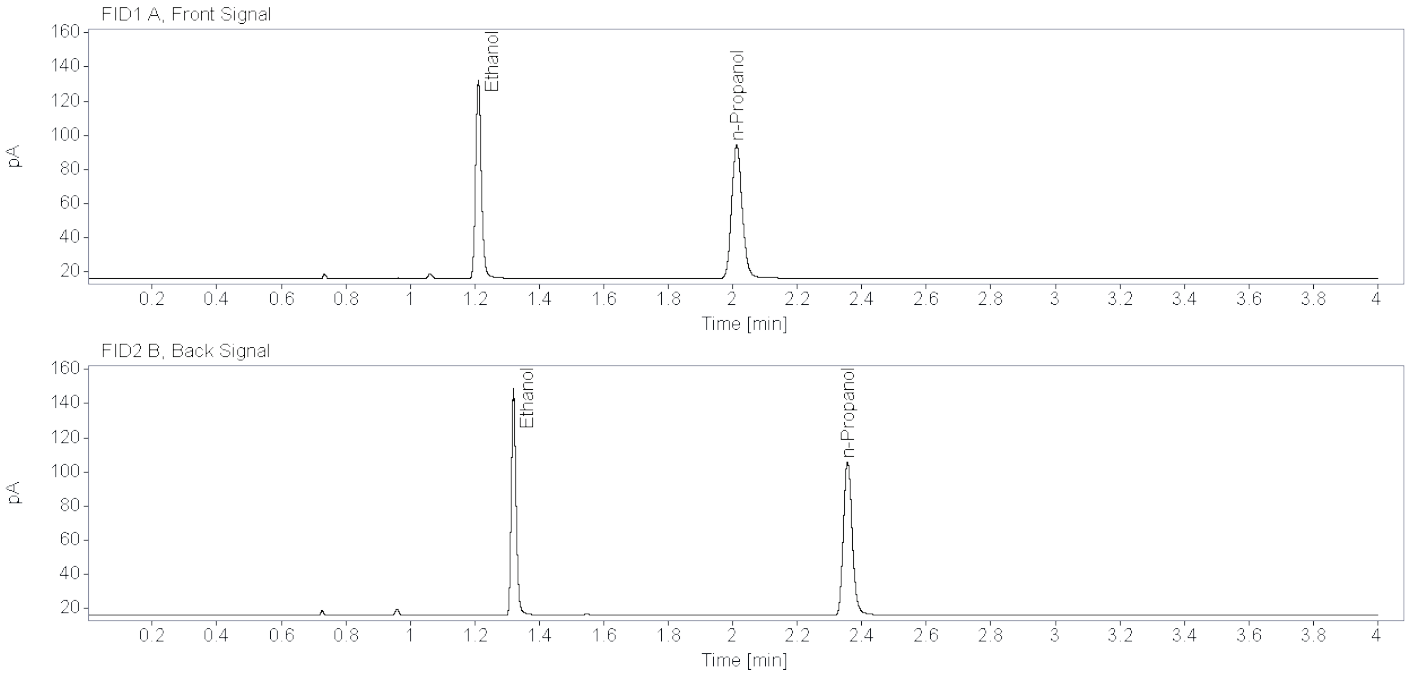
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83096	1.211	1.211	149.0579	0.1471
n-Propanol	0.86327	2.012	2.012	176.6326	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78175	1.320	1.320	141.8585	0.1462
n-Propanol	0.84363	2.356	2.356	169.2104	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1249 001 (24-1707) **Description:** Alq 2 **Sample Barcode** 24-1707 **Vial Number:** 43
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 2:36:19 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\043F4301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82899	1.211	1.211	144.1795	0.1425
n-Propanol	0.85892	2.012	2.012	176.4814	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78161	1.320	1.320	137.6608	0.1403
n-Propanol	0.84449	2.356	2.356	171.1935	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1255 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1236	Aliquot 1:	0.1224
	Aliquot 2:	0.1334	Aliquot 2:	0.1312

Reported Result: **0.127** **g/100 mL**

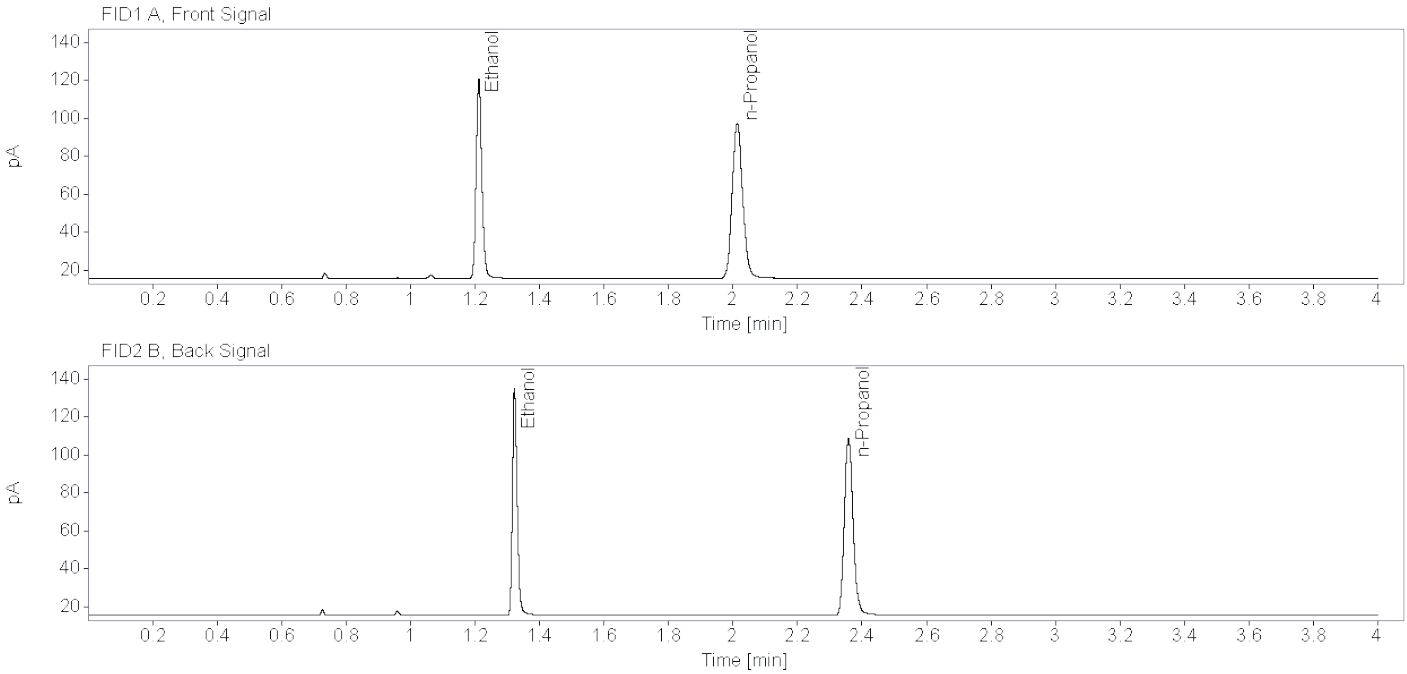
Reported UM: **0.018** **g/100 mL**

Comments: Previously analyzed in BAC_20240716_MH. --8/23/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1255 001 (24-1688) **Description:** Alq 1 **Sample Barcode** 24-1688 **Vial Number:** 24
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 12:57:03 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\024F2401.D



Name FID1A

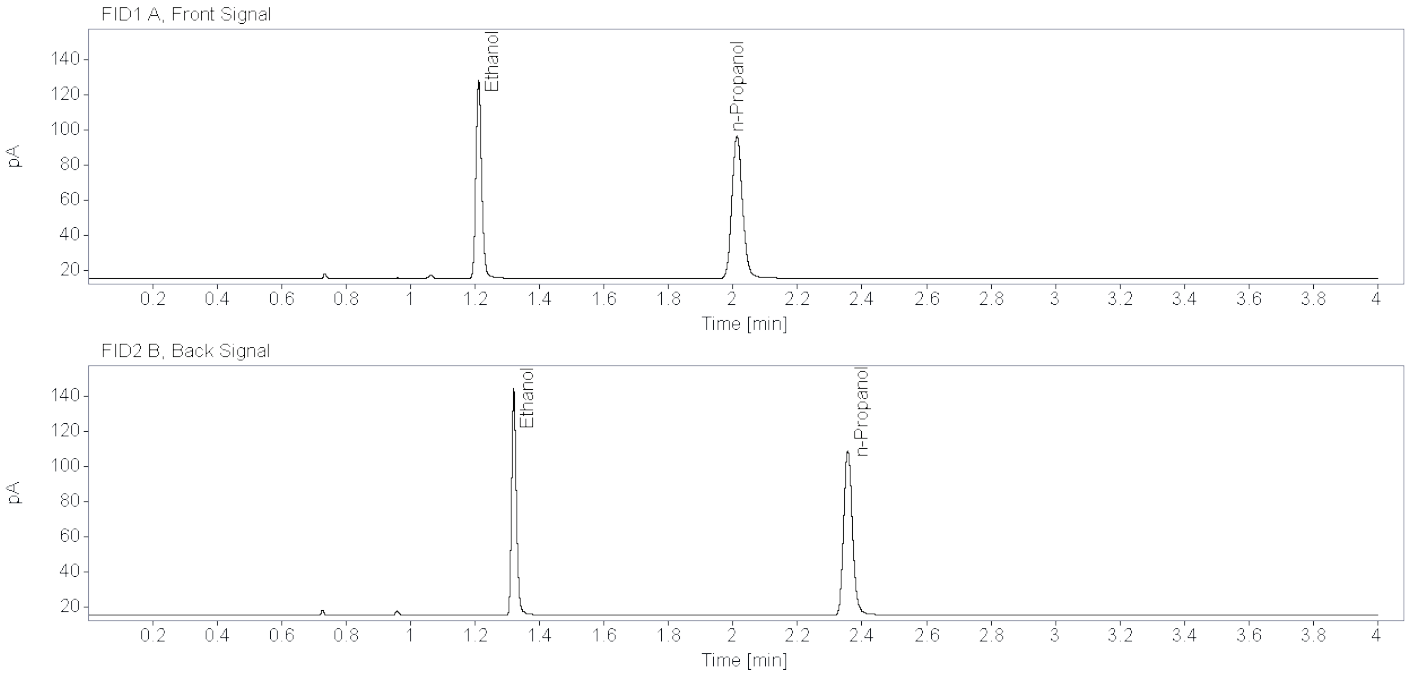
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85035	1.212	1.211	130.0661	0.1236
n-Propanol	0.87036	2.013	2.012	183.6602	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78507	1.323	1.320	123.4920	0.1224
n-Propanol	0.84510	2.358	2.356	176.2601	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1255 001 (24-1706) **Description:** Alq 2 **Sample Barcode** 24-1706 **Vial Number:** 42
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 2:30:39 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\042F4201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83571	1.211	1.211	139.6530	0.1334
n-Propanol	0.86408	2.012	2.012	182.5640	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80029	1.320	1.320	133.2252	0.1312
n-Propanol	0.83747	2.356	2.356	177.2333	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1256 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1605	Aliquot 1:	0.1590
	Aliquot 2:	0.1738	Aliquot 2:	0.1708

Reported Result: **0.166** **g/100 mL**

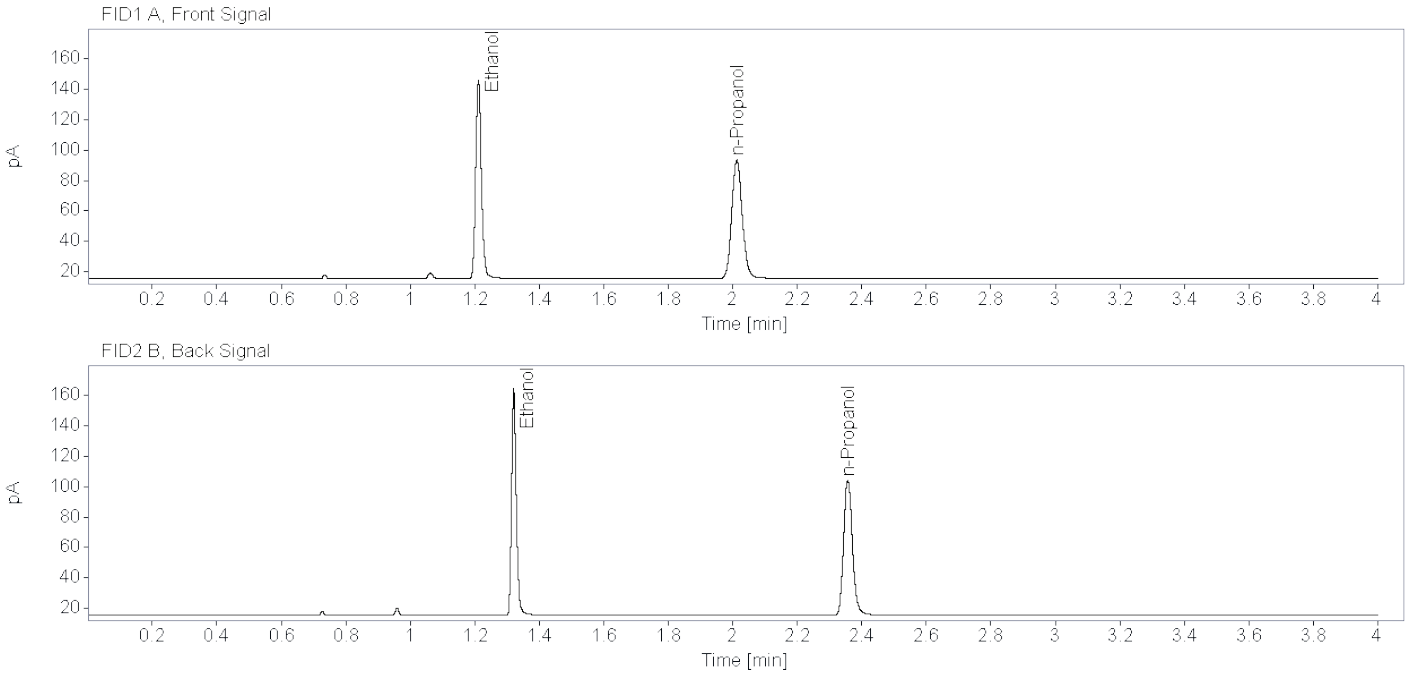
Reported UM: **0.024** **g/100 mL**

Comments: Previously analyzed in BAC_20240716_MH. --8/23/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1256 001 (24-1689) **Description:** Alq 1 **Sample Barcode** 24-1689 **Vial Number:** 25
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 1:02:44 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\025F2501.D



Name FID1A

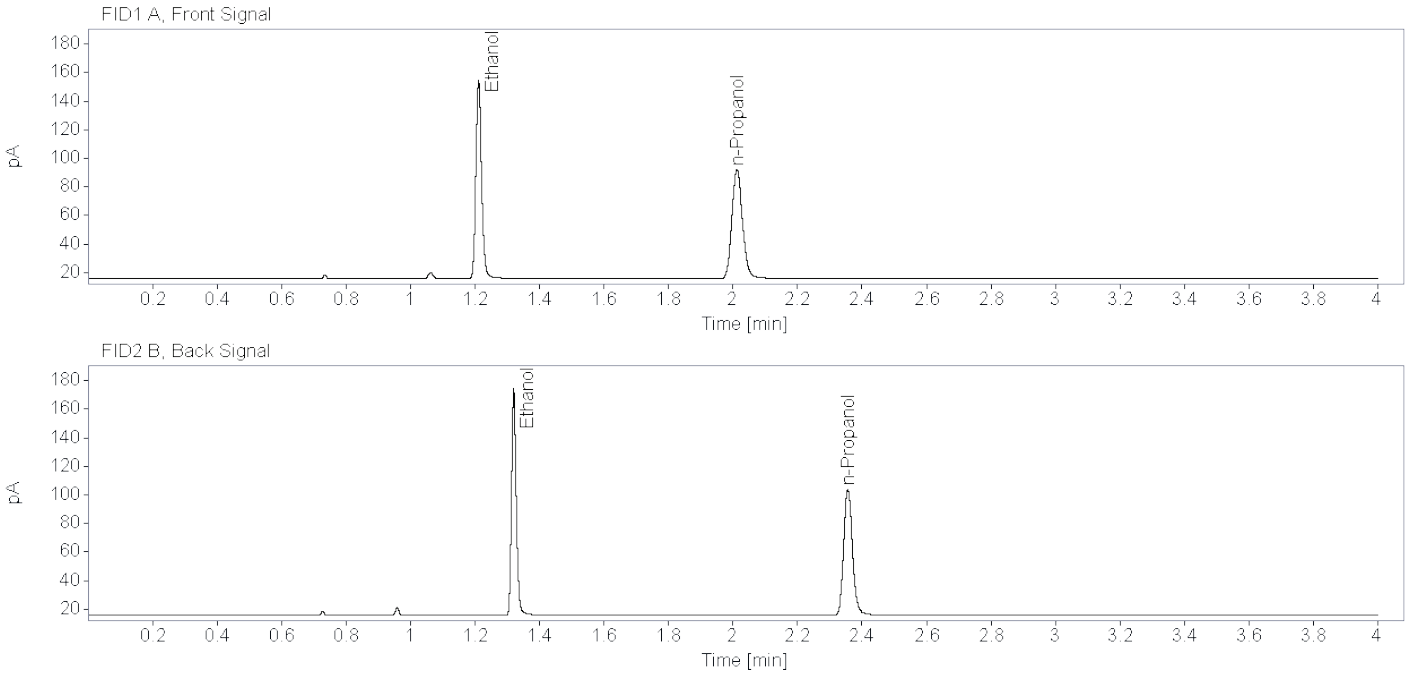
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84080	1.211	1.211	161.3752	0.1605
n-Propanol	0.86363	2.012	2.012	175.2519	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80481	1.321	1.320	153.4028	0.1590
n-Propanol	0.83158	2.357	2.356	168.1387	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1256 001 (24-1705) **Description:** Alq 2 **Sample Barcode** 24-1705 **Vial Number:** 41
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 2:25:56 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\041F4101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83666	1.211	1.211	171.7390	0.1738
n-Propanol	0.86012	2.012	2.012	172.1772	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80563	1.320	1.320	164.1047	0.1708
n-Propanol	0.83009	2.356	2.356	167.4182	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1257 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2290	Aliquot 1:	0.2279
	Aliquot 2:	0.2234	Aliquot 2:	0.2196

Reported Result: **0.224** **g/100 mL**

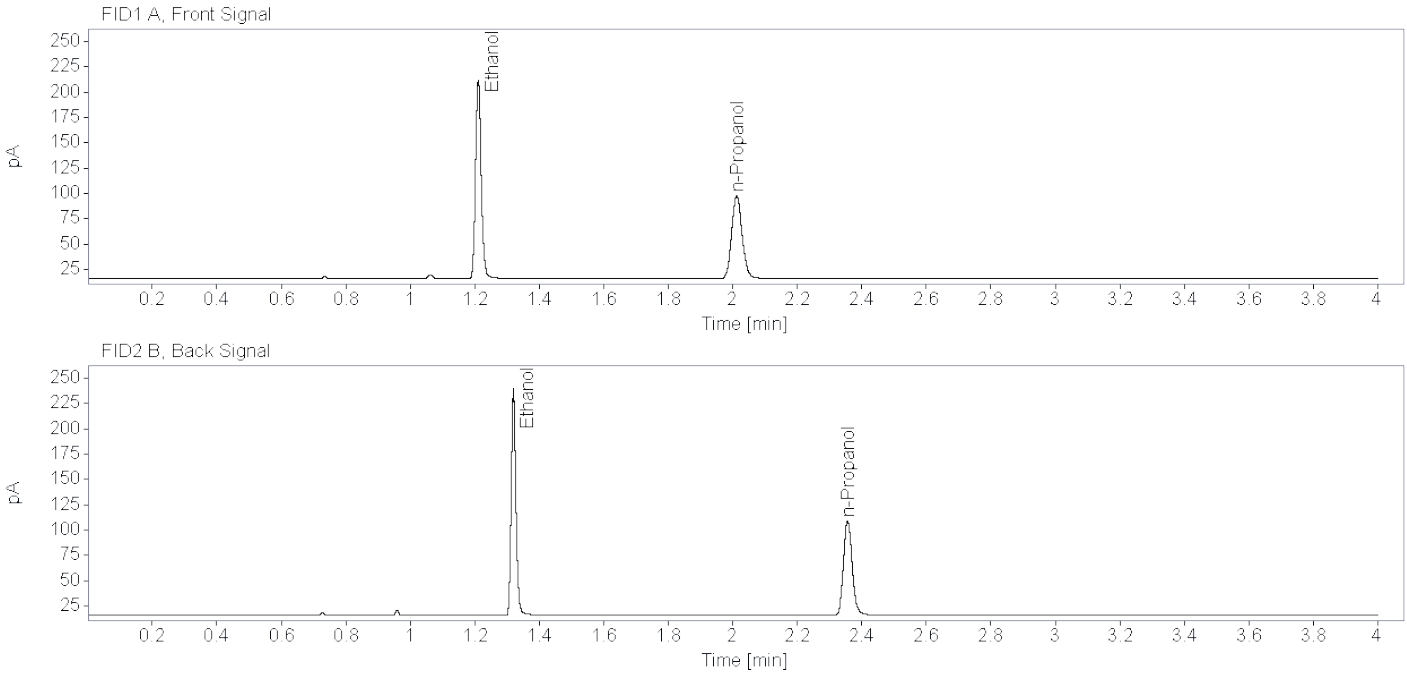
Reported UM: **0.032** **g/100 mL**

Comments: Previously analyzed in BAC_20240716_MH. --8/23/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1257 001 (24-1690) **Description:** Alq 1 **Sample Barcode** 24-1690 **Vial Number:** 26
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 1:07:27 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\026F2601.D



Name FID1A

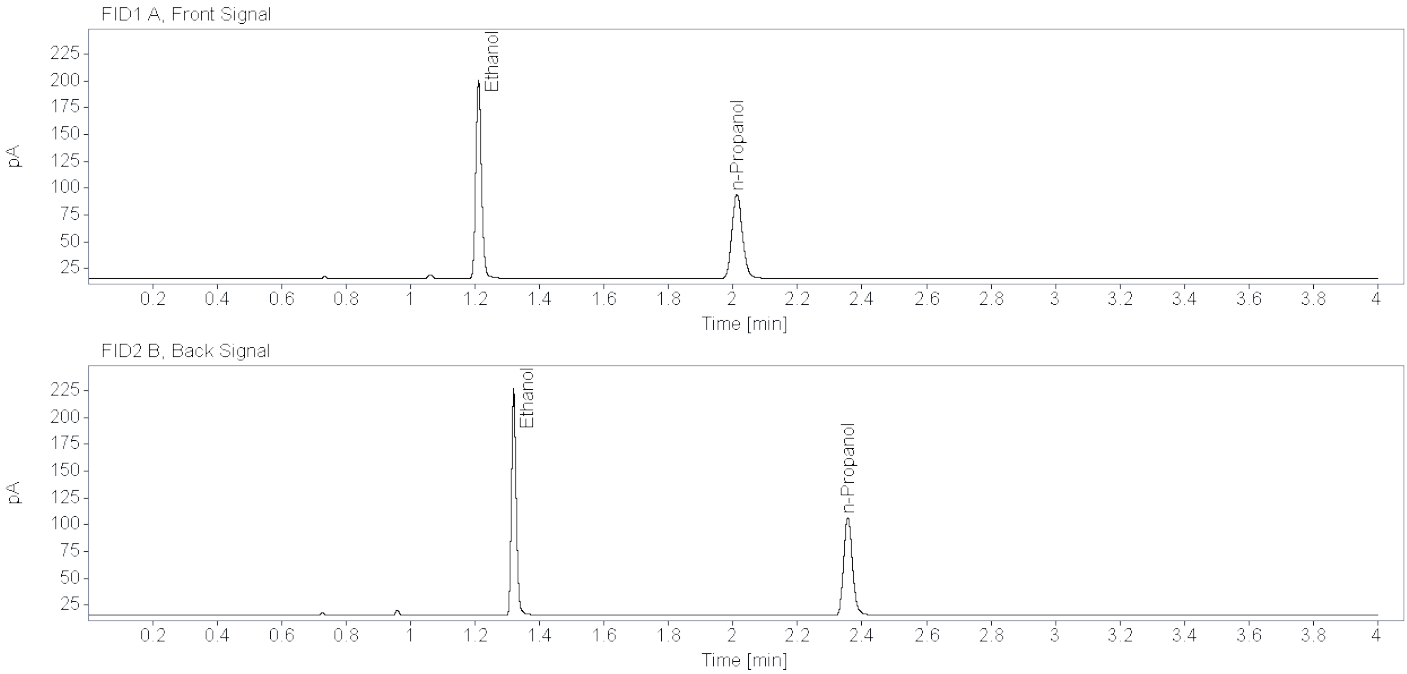
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84129	1.211	1.211	242.2584	0.2290
n-Propanol	0.86113	2.012	2.012	184.0779	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80657	1.320	1.320	230.8887	0.2279
n-Propanol	0.84698	2.356	2.356	176.2427	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1257 001 (24-1704) **Description:** Alq 2 **Sample Barcode** 24-1704 **Vial Number:** 40
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 2:20:15 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\040F4001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84168	1.211	1.211	227.8194	0.2234
n-Propanol	0.85858	2.012	2.012	177.5113	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81639	1.320	1.320	217.7365	0.2196
n-Propanol	0.83644	2.356	2.356	172.4777	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1259 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3375	Aliquot 1:	0.3341
	Aliquot 2:	0.3219	Aliquot 2:	0.3163

Reported Result: **0.327** **g/100 mL**

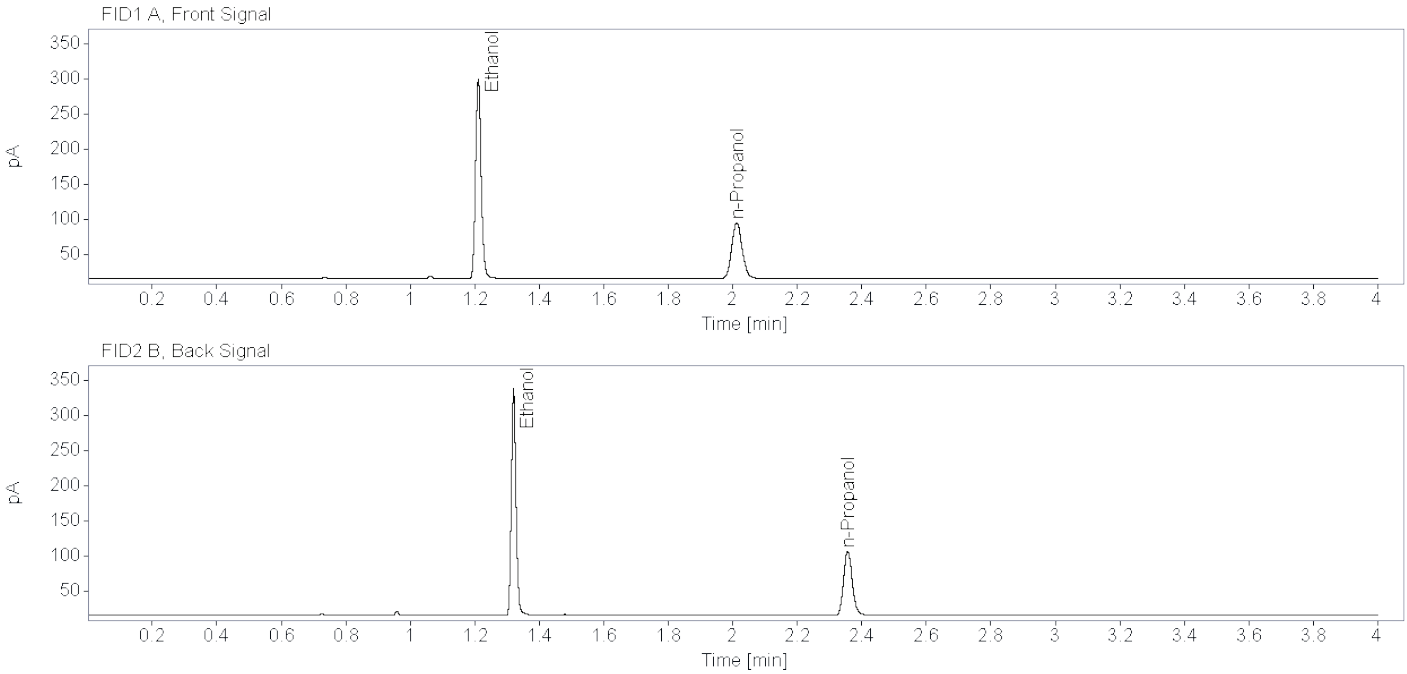
Reported UM: **0.047** **g/100 mL**

Comments: Previously analyzed in BAC_20240716_MH. --8/23/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1259 001 (24-1691) **Description:** Alq 1 **Sample Barcode** 24-1691 **Vial Number:** 27
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 1:13:08 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\027F2701.D



Name FID1A

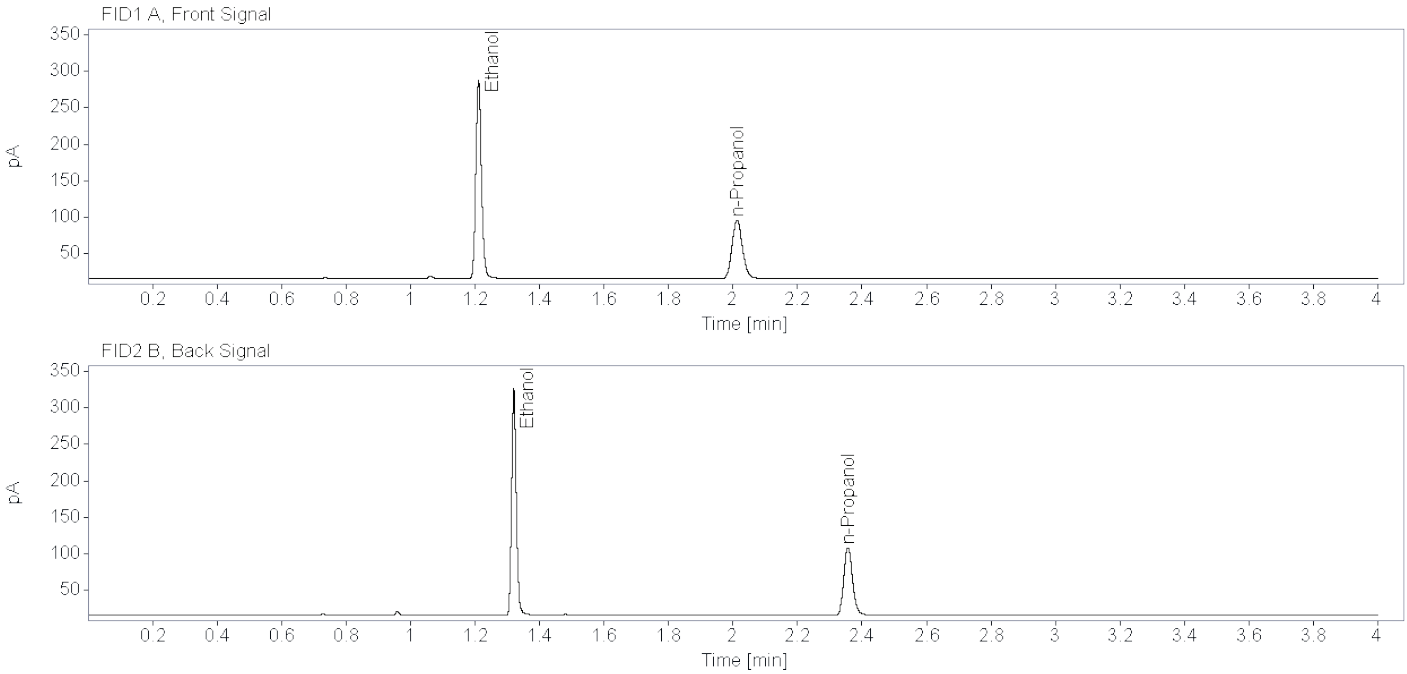
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84981	1.211	1.211	348.5312	0.3375
n-Propanol	0.86098	2.012	2.012	179.5583	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84009	1.320	1.320	331.5931	0.3341
n-Propanol	0.84619	2.356	2.356	172.3837	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1259 001 (24-1703) **Description:** Alq 2 **Sample Barcode** 24-1703 **Vial Number:** 39
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 2:15:31 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\039F3901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85257	1.211	1.211	333.5647	0.3219
n-Propanol	0.86007	2.012	2.012	180.1786	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85125	1.320	1.320	318.6420	0.3163
n-Propanol	0.84050	2.356	2.356	175.0216	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1261 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1934	Aliquot 1:	0.1920
	Aliquot 2:	0.1944	Aliquot 2:	0.1912

Reported Result: **0.192** **g/100 mL**

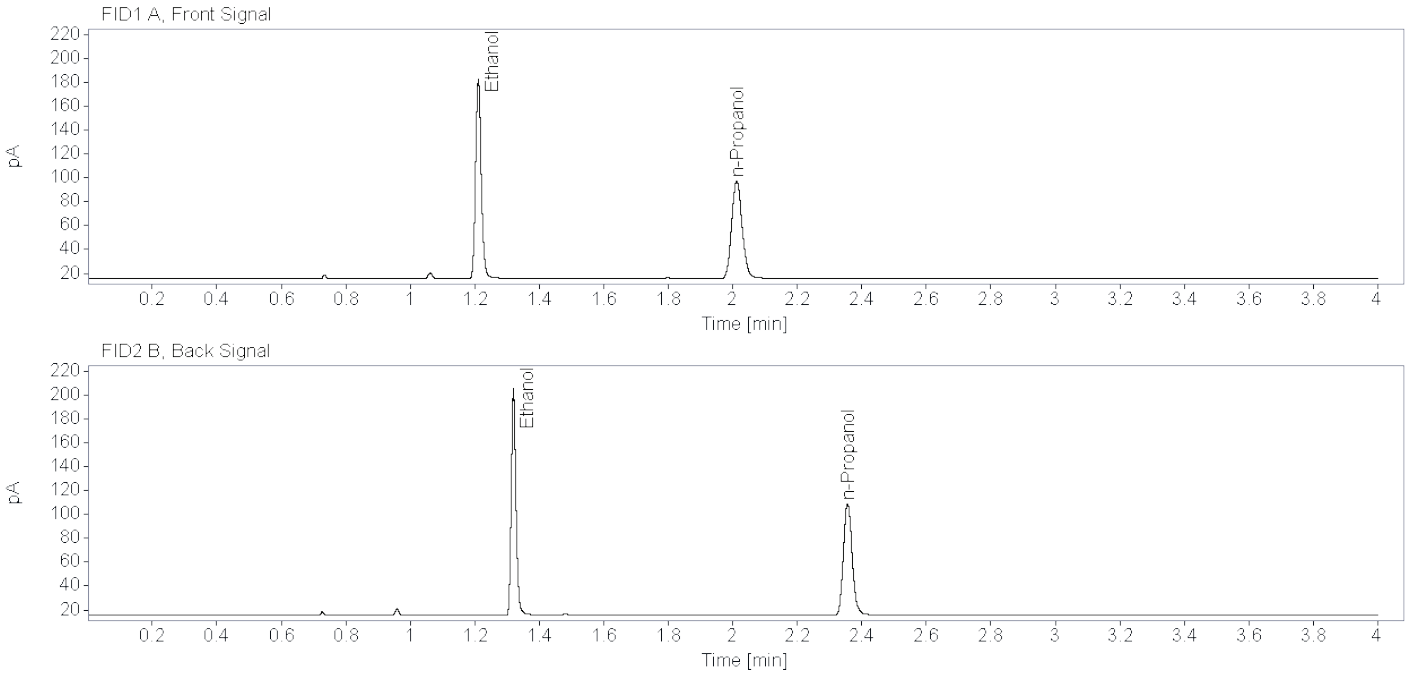
Reported UM: **0.028** **g/100 mL**

Comments: Previously analyzed in BAC_20240716_MH. --8/23/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1261 001 (24-1692) **Description:** Alq 1 **Sample Barcode** 24-1692 **Vial Number:** 28
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 1:17:51 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\028F2801.D



Name FID1A

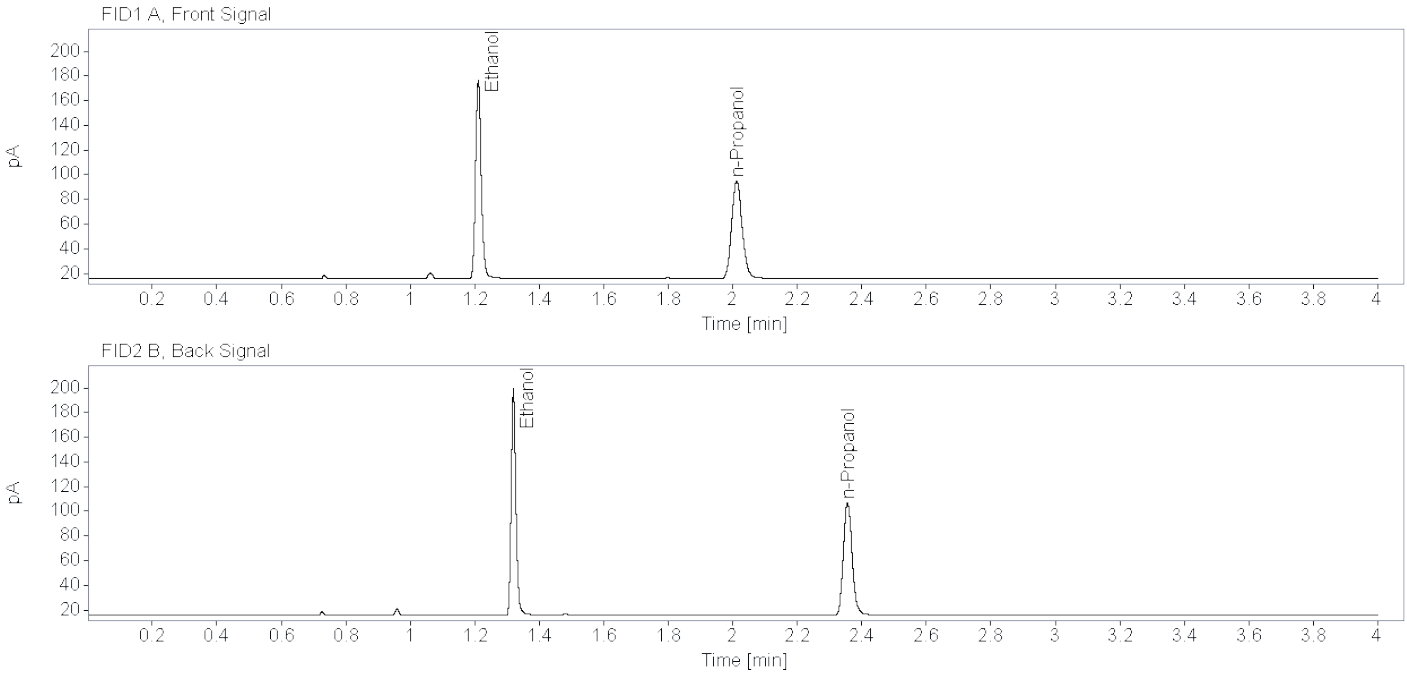
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83727	1.211	1.211	205.1211	0.1934
n-Propanol	0.86048	2.012	2.012	184.6786	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79906	1.320	1.320	195.2192	0.1920
n-Propanol	0.84563	2.356	2.356	177.0211	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1261 001 (24-1702) **Description:** Alq 2 **Sample Barcode** 24-1702 **Vial Number:** 38
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 2:09:51 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\038F3801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83232	1.211	1.211	198.8941	0.1944
n-Propanol	0.85807	2.012	2.012	178.1865	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79554	1.320	1.320	189.9373	0.1912
n-Propanol	0.84262	2.356	2.356	172.9211	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1265 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1481	Aliquot 1:	0.1468
	Aliquot 2:	0.1499	Aliquot 2:	0.1475

Reported Result: **0.148** **g/100 mL**

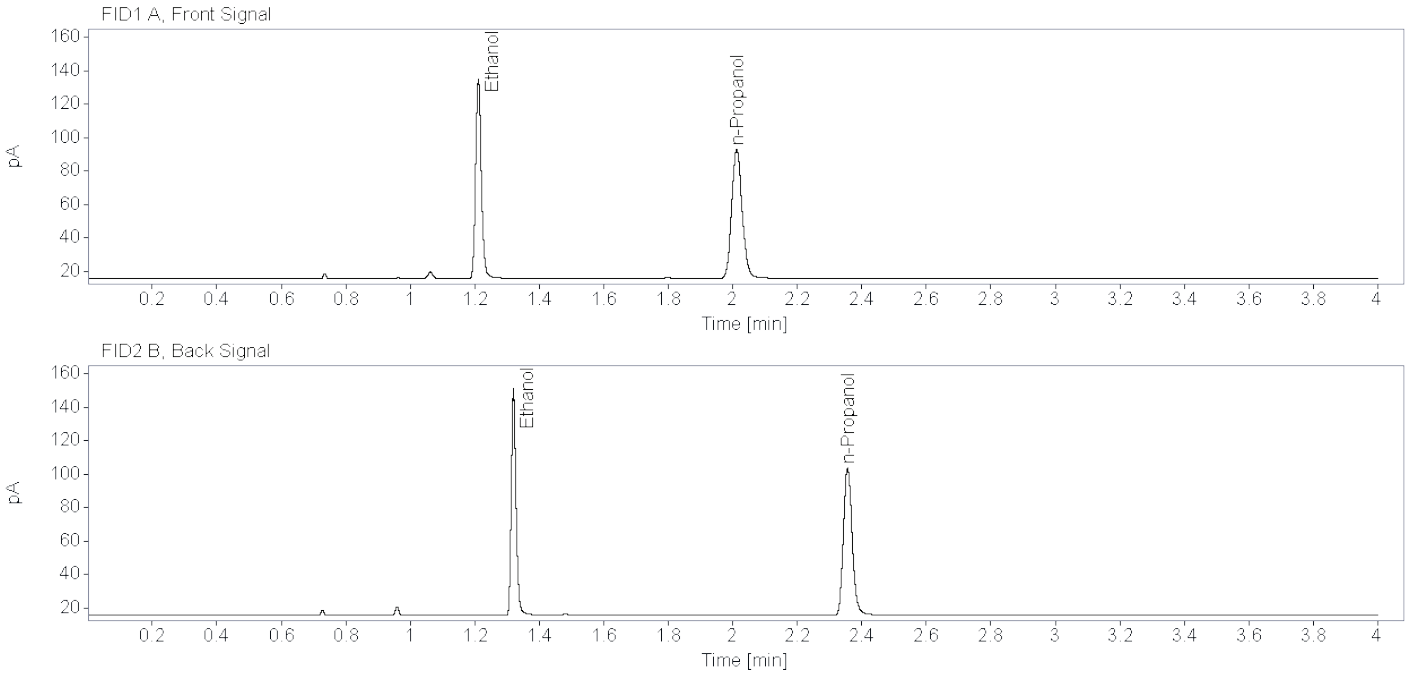
Reported UM: **0.021** **g/100 mL**

Comments: Previously analyzed in BAC_20240716_MH. --8/23/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1265 001 (24-1693) **Description:** Alq 1 **Sample Barcode** 24-1693 **Vial Number:** 29
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 1:23:33 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\029F2901.D



Name FID1A

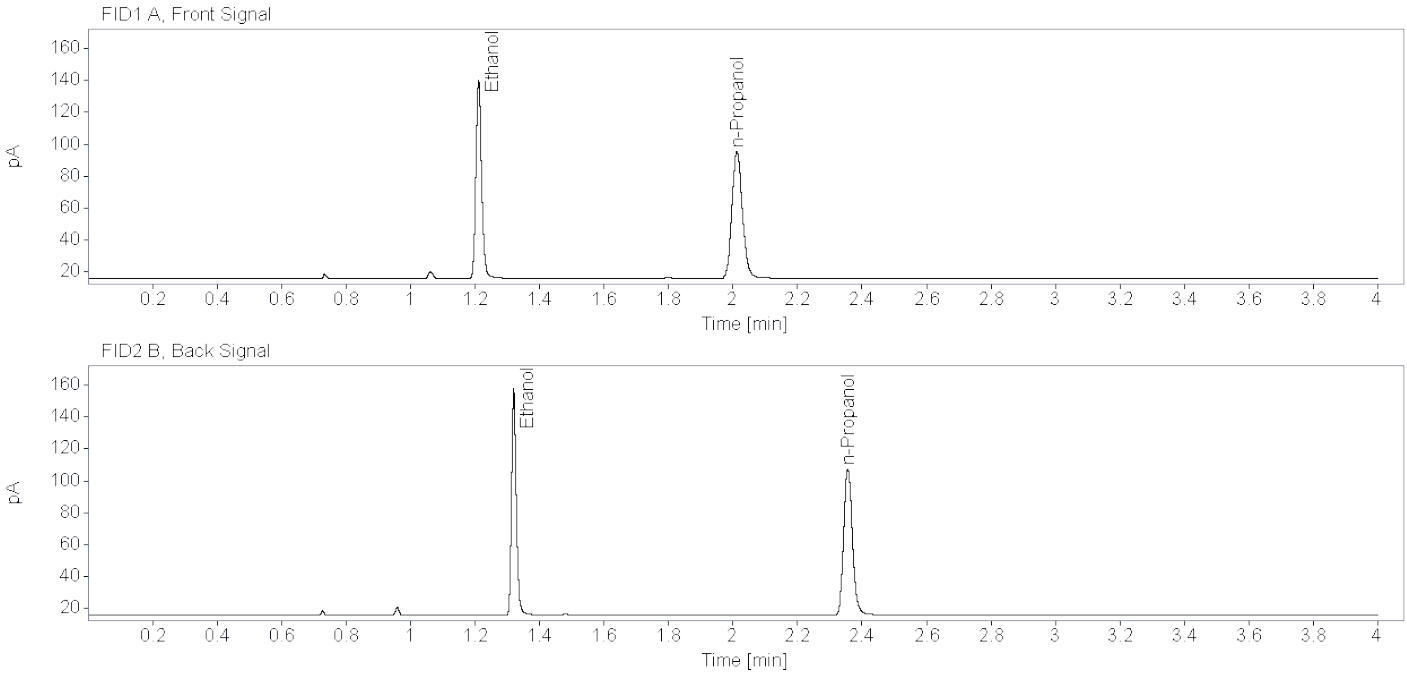
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83066	1.211	1.211	147.5407	0.1481
n-Propanol	0.85939	2.012	2.012	173.6960	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78210	1.320	1.320	140.3126	0.1468
n-Propanol	0.84190	2.356	2.356	166.6753	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1265 001 (24-1701) **Description:** Alq 2 **Sample Barcode** 24-1701 **Vial Number:** 37
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 2:05:08 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\037F3701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83666	1.211	1.211	154.1548	0.1499
n-Propanol	0.86051	2.012	2.012	179.3130	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80001	1.320	1.320	147.3223	0.1475
n-Propanol	0.83592	2.356	2.356	174.1607	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1271 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0974	Aliquot 1:	0.0966
	Aliquot 2:	0.0935	Aliquot 2:	0.0920

Reported Result: **0.094** **g/100 mL**

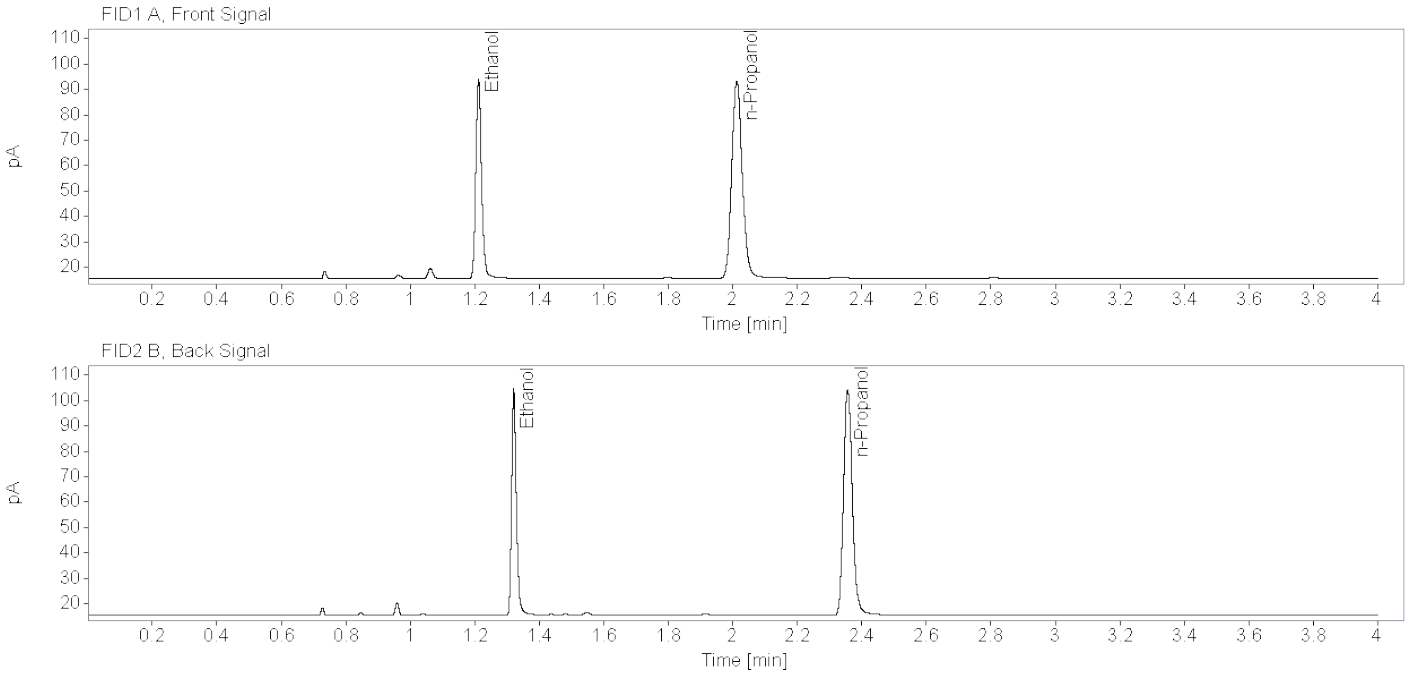
Reported UM: **0.014** **g/100 mL**

Comments: Previously analyzed in BAC_20240716_MH. --8/23/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1271 001 (24-1694) **Description:** Alq 1 **Sample Barcode** 24-1694 **Vial Number:** 30
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 1:28:15 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\030F3001.D



Name FID1A

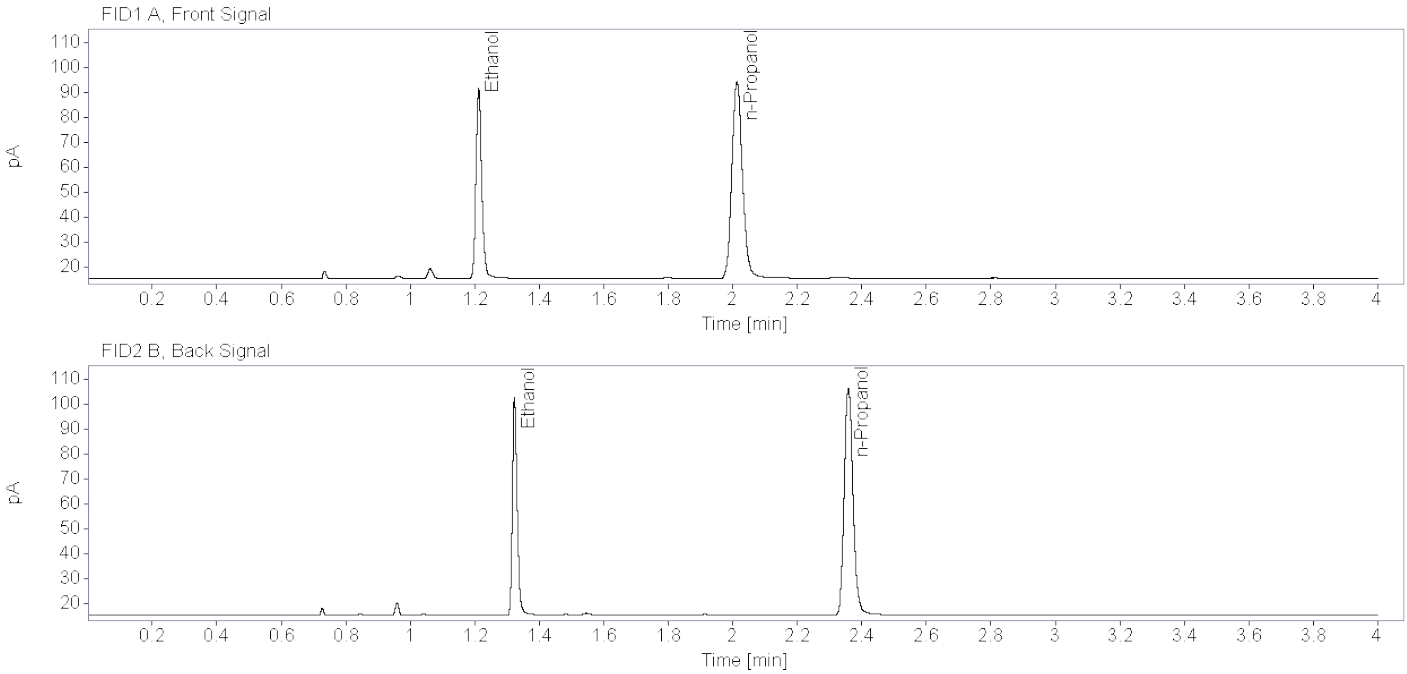
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83021	1.212	1.211	97.3662	0.0974
n-Propanol	0.86167	2.012	2.012	174.7325	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77939	1.321	1.320	92.7879	0.0966
n-Propanol	0.82863	2.356	2.356	168.1579	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1271 001 (24-1700) **Description:** Alq 2 **Sample Barcode** 24-1700 **Vial Number:** 36
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 1:59:26 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\036F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83396	1.212	1.211	94.5513	0.0935
n-Propanol	0.86351	2.013	2.012	176.7856	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77573	1.323	1.320	90.4633	0.0920
n-Propanol	0.84343	2.358	2.356	172.1646	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1272 001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1158	Aliquot 1:	0.1145
	Aliquot 2:	0.1126	Aliquot 2:	0.1111

Reported Result: **0.113** **g/100 mL**

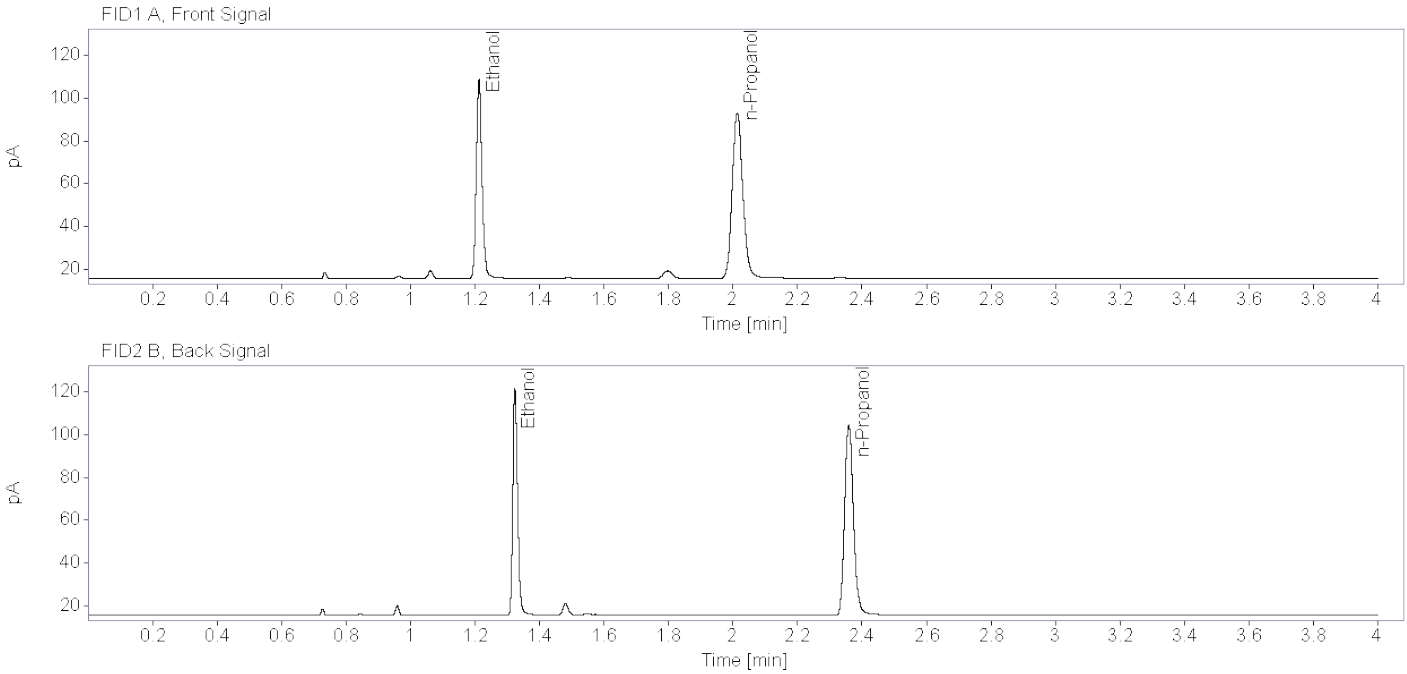
Reported UM: **0.016** **g/100 mL**

Comments: Previously analyzed in BAC_20240716_MH. --8/23/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1272 001 (24-1695) **Description:** Alq 1 **Sample Barcode** 24-1695 **Vial Number:** 31
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 1:33:55 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\031F3101.D



Name FID1A

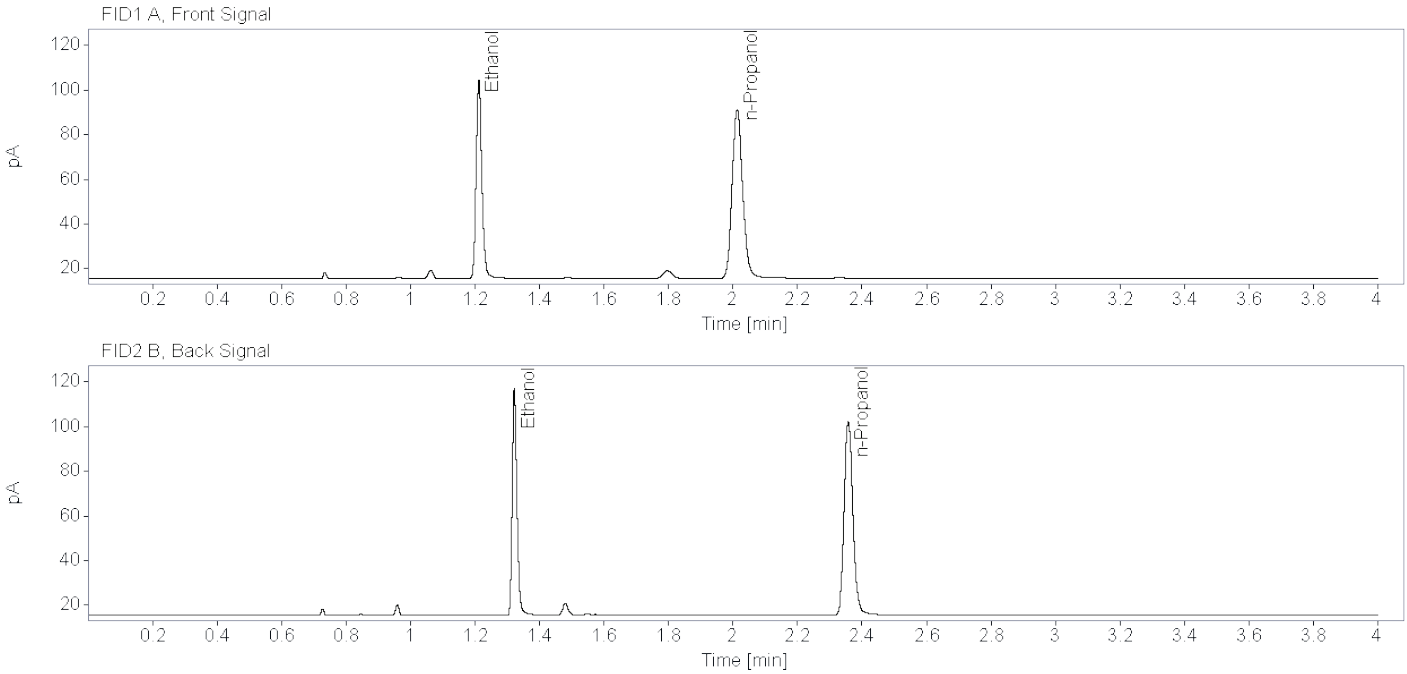
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84971	1.212	1.211	116.0838	0.1158
n-Propanol	0.86143	2.013	2.012	175.0599	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81070	1.324	1.320	110.6554	0.1145
n-Propanol	0.83224	2.359	2.356	168.8964	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1272 001 (24-1699) **Description:** Alq 2 **Sample Barcode** 24-1699 **Vial Number:** 35
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 1:54:44 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\035F3501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83975	1.212	1.211	109.9232	0.1126
n-Propanol	0.86576	2.013	2.012	170.5001	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77367	1.322	1.320	104.8465	0.1111
n-Propanol	0.84255	2.357	2.356	165.0188	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1275 001_001

Batch Name: BAC_20240814_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1010	Aliquot 1:	0.0995
	Aliquot 2:	0.1038	Aliquot 2:	0.1022

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

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

Comments:

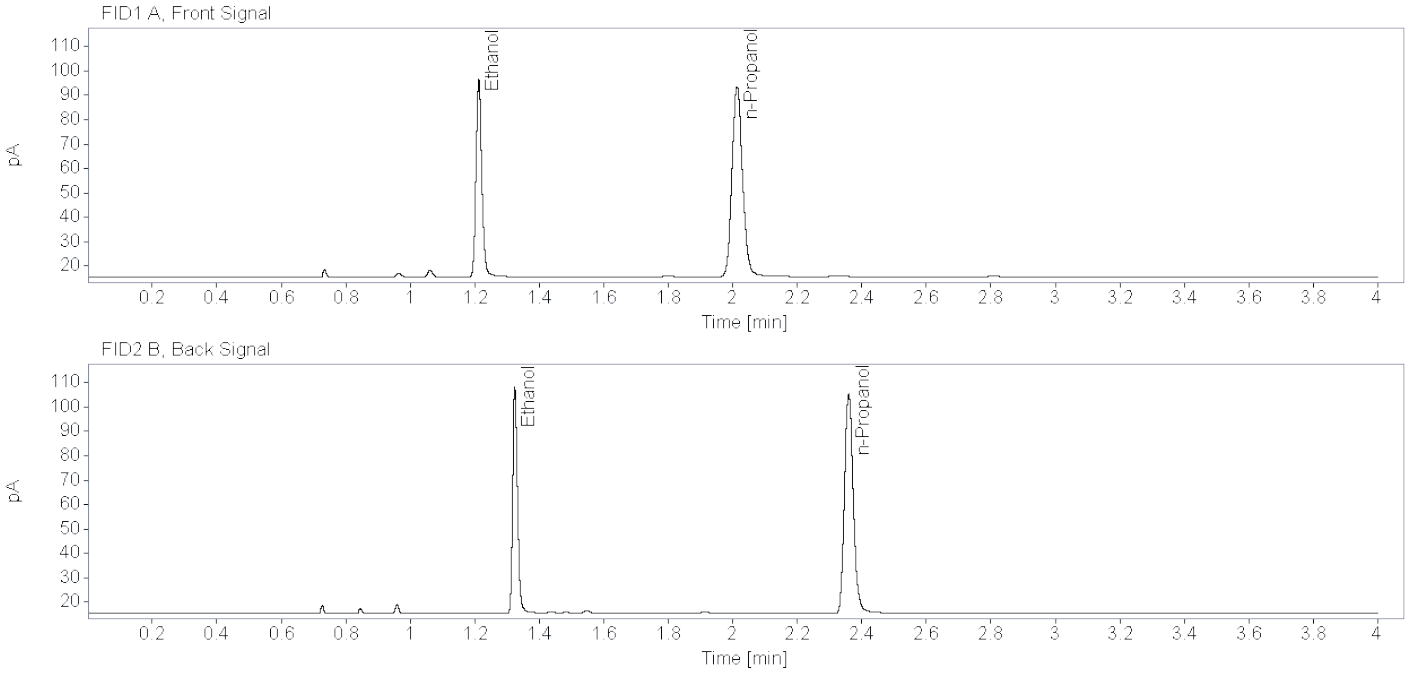
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1275 001_001 (24-1696) **Description:** Alq 1 **Sample Barcode** 24-1696 **Vial Number:** 32

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 1:38:39 PM

Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\032F3201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84598	1.213	1.211	101.2681	0.1010
n-Propanol	0.86758	2.013	2.012	175.2216	0.0100

Name FID2B

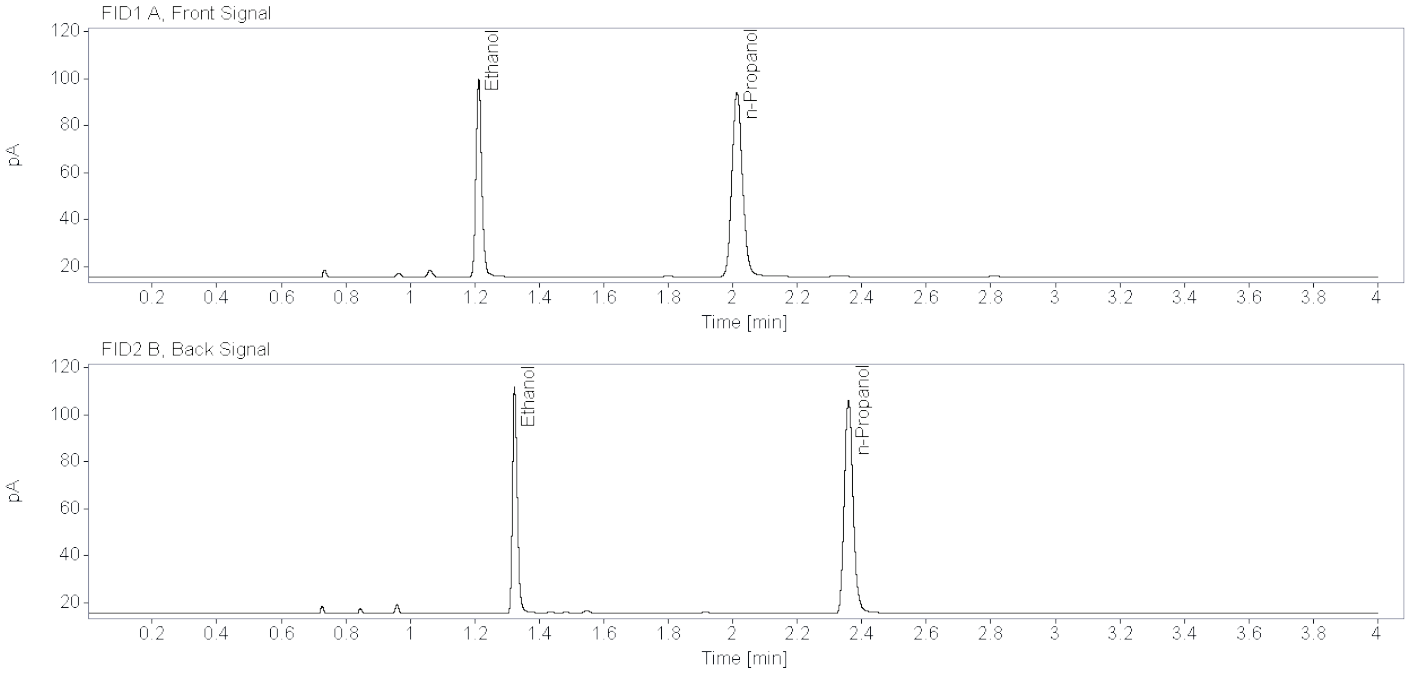
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80439	1.325	1.320	96.6855	0.0995
n-Propanol	0.84392	2.359	2.356	169.9672	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1275 001_001 (24-1698) **Description:** Alq 2 **Sample Barcode** 24-1698 **Vial Number:** 34

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 8/14/2024 1:49:03 PM

Data File: C:\Chem32\2\Data\2024\BAC_20240814_MH 2024-08-14 10-47-55\034F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84431	1.212	1.211	104.9625	0.1038
n-Propanol	0.86551	2.013	2.012	176.6330	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78879	1.324	1.320	100.2595	0.1022
n-Propanol	0.84678	2.359	2.356	171.5665	0.0100