Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20240716_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	129	✓	✓

Analyst Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2024.07.29 15:03:20 -05'00'

Date: 7/29/2024

Technical Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2024.08.07 10:47:46 -05'00'

Date: 8/7/2024

Batch Name: BAC_20240716_MH

Technical Review Notes

- incorrect value for cal 1 FID2 on batch summary -KB 8/6/2024

-incorrect values for second low QC in QC log -KB 8/7/2024

-incorrect batch date for blood QC B in QC log -KB 8/7/2024

BAC Summary Worksheet

Batch Name:	BAC_20240716_MH
Instrument:	BAC-2
Analyst:	Melissa Henry
UM%:	14.39
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		176.7840	173.4491
Acceptance Range	Min	159.1056	156.1042
	Max	194.4624	190.7940

*0.0103 -- 8/7/2024 mh

Calibrators	Ethanol Obtained Value FID1	Ethanol Obtained Value FID2	Ethanol Average	% Difference Average & Target	% Difference FID1 & Average	% Difference FID2 & Average	IS Area Counts FID1	IS Area Counts FID2
0.010 g/100mL Calibrator	0.0104	~~0.0105~~	~~*0.0104~~	~~3.00~~ -4.00	~~0.97~~ 0.00	~~-0.96~~ 0.00	176.2958	172.5320
0.025 g/100mL Calibrator	0.0246	0.0247	0.0246	-1.60	0.00	0.41	180.1783	176.6139
0.050 g/100mL Calibrator	0.0497	0.0496	0.0496	-0.80	0.20	0.00	172.8964	169.8823
0.100 g/100mL Calibrator	0.0980	0.0985	0.0982	-1.80	-0.20	0.31	177.6974	174.5414
0.200 g/100mL Calibrator	0.1981	0.1986	0.1983	-0.85	-0.10	0.15	177.4990	174.0652
0.400 g/100mL Calibrator	0.3998	0.3994	0.3996	-0.10	0.05	-0.05	177.3525	174.2033
0.500 g/100mL Calibrator	0.5045	0.5039	0.5042	0.84	0.06	-0.06	175.5685	172.3057

		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	-	-	-	180.1833	177.3228
High QC	0.4001	0.3983	0.3992	-0.20	0.23	-0.23	175.1369	172.1045
Low QC	0.0796	0.0792	0.0794	-0.75	0.25	-0.25	179.8258	176.9935
Blood QC A	0.0756	0.0747	0.0751	-4.70	0.67	-0.53	179.8646	177.5209
Blood QC B	0.2047	0.2028	0.2037	**6.26**	0.49	-0.44	174.6668	173.6145
Blood QC A	0.0804	0.0786	0.0795	0.89	1.13	-1.13	170.8708	171.5047
Blood QC B	0.1980	0.1940	0.1960	2.24	1.02	-1.02	166.6675	167.9208
Blood QC A	0.0878	0.0848	0.0863	**9.52**	1.74	-1.74	166.6158	170.3773
Blood QC B	0.2172	0.2104	0.2138	**11.53**	1.59	-1.59	160.4426	164.5399
Blood QC B re-inject	0.2160	0.2164	0.2162	**12.78**	-0.09	0.09	191.4208	187.5981
Blood QC A	0.0823	0.0822	0.0822	4.31	0.12	0.00	183.5061	181.0559
High QC	0.4132	0.4120	0.4126	3.15	0.15	-0.15	177.0406	174.4534
Low QC	0.0829	0.0830	0.0829	3.63	0.00	0.12	177.0211	174.4942
DI Water	0.0000	0.0000	0.0000	-	-	-	175.3824	172.6832

		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	~~0.2587~~	~~0.2564~~	~~0.2706~~	~~0.2694~~	0.263	~~0.038~~	-1.92	-2.80	2.59	2.13	180.6358	178.3134	191.6293	188.9321
2	**BCCL-24-1181 001**	0.0542	0.0538			0.054	0.008	0.37	-0.37			182.9288	180.9236		
3	BCCL-24-1210 001	0.2317	0.2297			0.230	0.033	0.43	-0.43			179.3546	177.5572		
4	BCCL-24-1211 001	0.1950	0.1935	0.1946	0.0009	0.146	0.021	33.56	32.53	33.29	-99.38	175.7499	174.3468	164.4510	**0.0000**
5	BCCL-24-1222 001	0.1402	0.1383	0.1475	0.1419	0.141	0.020	-1.25	-2.59	3.89	-0.05	177.8113	176.7859	168.0086	173.8074
6	BCCL-24-1223 001	0.3541	0.3502	0.3683	0.3524	0.356	0.051	-0.60	-1.70	3.38	-1.08	179.5432	177.8897	168.6340	174.4102
7	BCCL-24-1224 001	0.2586	0.2562	0.2632	0.2518	0.257	0.037	0.45	-0.49	2.23	-2.19	177.7397	176.1388	167.3107	173.6323
8	BCCL-24-1233 001	0.2775	0.2754	0.2844	0.2739	0.277	0.040	-0.11	-0.86	2.38	-1.40	180.2988	178.7507	172.7702	177.4123
9	**BCCL-24-1234 003**	0.0781	0.0768	0.0788	0.0762	0.077	0.011	0.81	-0.87	1.71	-1.65	178.8682	177.9661	173.9368	178.1353
10	**BCCL-24-1237 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	179.4651	178.0818	168.8613	173.0737
11	**BCCL-24-1248 001**	0.1010	0.0995	0.0950	0.0917	0.096	0.014	4.34	2.79	-1.86	-5.27	177.2304	176.5815	175.5966	178.9504
12	BCCL-24-1249 001	0.1578	0.1558	0.1639	0.1578	0.158	0.023	-0.65	-1.90	3.20	-0.65	177.6073	177.3549	174.2768	178.2387
13	BCCL-24-1255 001	0.1444	0.1421	0.1510	0.1462	0.145	0.021	-1.05	-2.62	3.48	0.19	176.4563	175.9807	169.9337	173.8287
14	BCCL-24-1256 001	0.1562	0.1544	0.1749	0.1693	0.163	0.023	-4.58	-5.68	6.84	3.42	182.6704	181.5670	172.7583	176.6127
15	BCCL-24-1257 001	0.2403	0.2365	0.2416	0.2327	0.237	0.034	1.06	-0.54	1.61	-2.13	174.2968	174.3127	171.6397	175.5757
16	BCCL-24-1259 001	0.3415	0.3350	0.3549	0.3388	0.342	0.049	-0.31	-2.20	3.61	-1.09	174.2900	174.3495	168.7389	174.7849
17	**BCCL-24-1260 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	176.9481	177.2643	168.5159	171.9184
18	BCCL-24-1261 001	~~0.2001~~	~~0.1971~~	~~0.1657~~	~~0.1601~~	0.180	0.026	10.71	9.05	-8.33	-11.42	177.3116	177.2203	169.2202	173.9995
19	**BCCL-24-1264 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	174.0683	175.7213	174.5289	178.2112
20	BCCL-24-1265 001	~~0.1544~~	~~0.1514~~	~~0.1501~~	~~0.1455~~	0.150	~~0.022~~	2.69	0.70	-0.17	-3.23	178.1424	179.3417	167.7805	171.7326
21	**BCCL-24-1271 001**	0.1009	0.0985	0.0906	0.0878	0.094	0.014	6.83	4.29	-4.08	-7.04	180.9941	182.8790	173.1966	177.4829
22	BCCL-24-1272 001	~~0.1168~~	~~0.1152~~	0.1210	0.1178	0.117	~~0.017~~	-0.76	-2.12	2.80	0.08	175.5579	175.2845	172.6109	175.2187

7/23/2024 mh

7/23/2024 mh

7/23/2024 mh

7/23/2024 mh

Due to multiple control failures and steadily increasing output on the instrument, all positive samples will be repeated. Okay to report negatives. 7/23/2024 mh

Melissa Henry

Digitally signed by Melissa Henry
Date: 2024.07.25 08:40:58 -05'00'

Kayla M. Baylor

Digitally signed by Kayla M. Baylor
Date: 2024.08.07 10:42:31 -05'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC-20240716-MH Analyst: Melissa Henry Instrument: BAC-1

	Lot:	Expiration:	Inventory Number:
Cal 1	FN12272201	2/29/2028	S-23-5008I
Cal 2	FN03122112	3/31/2026	S-23-5002J
Cal 3	FN03172301	3/31/2028	S-23-5010C
Cal 4	FN03072301	3/31/2028	S-23-5011C
Cal 5	FN03132302	3/31/2028	S-23-5012B
Cal 6	FN03052102	3/31/2026	S-23-5013A
Cal 7	FN06262004	7/31/2025	S-23-5014D
High QC	30012020-A	1/31/2025	S-23-5015B
Low QC	517757	6/21/2025	S-24-5001C
Blood QC A	2401241	2/29/2028	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_20240716_MH

Worklist ID: 66TXRA2R9YN854

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-24-1237	001	Blood	Alcohol
BCCL-24-1248	001	Blood	Alcohol
BCCL-24-1249	001	Blood	Alcohol
BCCL-24-1255	001	Blood	Alcohol

mh

BAC_20240716_MH

Case #	Evid #	Evid Type	Service
BCCL-24-1256	001	Blood	Alcohol
BCCL-24-1257	001	Blood	Alcohol
BCCL-24-1259	001	Blood	Alcohol
BCCL-24-1260	001	Blood	Alcohol
BCCL-24-1261	001	Blood	Alcohol
BCCL-24-1264	001	Blood	Alcohol
BCCL-24-1265	001	Blood	Alcohol
BCCL-24-1271	001	Blood	Alcohol
BCCL-24-1272	001	Blood	Alcohol

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\2\SEQUENCE\2024\BAC_20240716_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 7/16/2024

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (24-1591)
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 (24-1592)
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 (24-1593)
Method Name : BAC
Sample Type : Calibration

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

mh

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Line                : 4
Location            : 4
Sample Information  :
Sample Name         : 0.100 g/100mL Cal (24-1594)
Method Name         : BAC
Sample Type         : Calibration
Calibration Level   : 4
Update RF           : Replace
Update RT           : Replace

Line                : 5
Location            : 5
Sample Information  :
Sample Name         : 0.200 g/100mL Cal (24-1595)
Method Name         : BAC
Sample Type         : Calibration
Calibration Level   : 5
Update RF           : Replace
Update RT           : Replace

Line                : 6
Location            : 6
Sample Information  :
Sample Name         : 0.400 g/100mL Cal (24-1596)
Method Name         : BAC
Sample Type         : Calibration
Calibration Level   : 6
Update RF           : Replace
Update RT           : Replace

Line                : 7
Location            : 7
Sample Information  :
Sample Name         : 0.500 g/100mL Cal (24-1597)
Method Name         : BAC
Sample Type         : Calibration
Calibration Level   : 7
Update RF           : Replace
Update RT           : Replace

Line                : 8
Location            : 8
```

mh

Sample Information :
Sample Name : Negative (24-1598)
Method Name : BAC
Sample Type : Sample

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Line : 9
Location : 9
Sample Information :
Sample Name : High QC (24-1599)
Method Name : BAC
Sample Type : Sample

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Line : 10
Location : 10
Sample Information :
Sample Name : Low QC (24-1600)
Method Name : BAC
Sample Type : Sample

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Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (24-1601)
Method Name : BAC
Sample Type : Sample

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Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-24-1155 001 (24-1602)
Method Name : BAC
Sample Type : Sample

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Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-24-1181 001 (24-1603)
Method Name : BAC
Sample Type : Sample

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Line : 14
Location : 14

Sample Information : Alq 1
Sample Name : BCCL-24-1210 001 (24-1604)
Method Name : BAC
Sample Type : Sample

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Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-24-1211 001 (24-1605)
Method Name : BAC
Sample Type : Sample

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Line : 16
Location : 16
Sample Information : Alq 1
Sample Name : BCCL-24-1222 001 (24-1606)
Method Name : BAC
Sample Type : Sample

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Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-24-1223 001 (24-1607)
Method Name : BAC
Sample Type : Sample

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Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-24-1224 001 (24-1608)
Method Name : BAC
Sample Type : Sample

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Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-24-1233 001 (24-1609)
Method Name : BAC
Sample Type : Sample

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Line : 20
Location : 20

Sample Information : Alq 1
Sample Name : BCCL-24-1234 003 (24-1610)
Method Name : BAC
Sample Type : Sample

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Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-24-1237 001 (24-1611)
Method Name : BAC
Sample Type : Sample

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Line : 22
Location : 22
Sample Information :
Sample Name : Blood QC B (24-1612)
Method Name : BAC
Sample Type : Sample

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Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-24-1248 001 (24-1613)
Method Name : BAC
Sample Type : Sample

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Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-24-1249 001 (24-1614)
Method Name : BAC
Sample Type : Sample

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Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-24-1255 001 (24-1615)
Method Name : BAC
Sample Type : Sample

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Line : 26
Location : 26

Sample Information : Alq 1
Sample Name : BCCL-24-1256 001 (24-1616)
Method Name : BAC
Sample Type : Sample

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Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-24-1257 001 (24-1617)
Method Name : BAC
Sample Type : Sample

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Line : 28
Location : 28
Sample Information : Alq 1
Sample Name : BCCL-24-1259 001 (24-1618)
Method Name : BAC
Sample Type : Sample

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Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-24-1260 001 (24-1619)
Method Name : BAC
Sample Type : Sample

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Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-24-1261 001 (24-1620)
Method Name : BAC
Sample Type : Sample

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Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-24-1264 001 (24-1621)
Method Name : BAC
Sample Type : Sample

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Line : 32
Location : 32

mh

Sample Information : Alq 1
Sample Name : BCCL-24-1265 001 (24-1622)
Method Name : BAC
Sample Type : Sample

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Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (24-1623)
Method Name : BAC
Sample Type : Sample

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Line : 34
Location : 34
Sample Information : Alq 1
Sample Name : BCCL-24-1271 001 (24-1624)
Method Name : BAC
Sample Type : Sample

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Line : 35
Location : 35
Sample Information : Alq 1
Sample Name : BCCL-24-1272 001 (24-1625)
Method Name : BAC
Sample Type : Sample

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Line : 36
Location : 36
Sample Information : Alq 1
Sample Name : 1A (24-1626)
Method Name : BAC
Sample Type : Sample

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Line : 37
Location : 37
Sample Information : Alq 1
Sample Name : 1B (24-1627)
Method Name : BAC
Sample Type : Sample

==========

Line : 38
Location : 38

mh

Sample Information : Alq 1
Sample Name : 1C (24-1628)
Method Name : BAC
Sample Type : Sample

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Line : 39
Location : 39
Sample Information : Alq 1
Sample Name : 1D (24-1629)
Method Name : BAC
Sample Type : Sample

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Line : 40
Location : 40
Sample Information : Alq 1
Sample Name : 1E (24-1630)
Method Name : BAC
Sample Type : Sample

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Line : 41
Location : 41
Sample Information :
Sample Name : Blood QC B (24-1631)
Method Name : BAC
Sample Type : Sample

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Line : 42
Location : 42
Sample Information : Alq 2
Sample Name : 2A (24-1632)
Method Name : BAC
Sample Type : Sample

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Line : 43
Location : 43
Sample Information : Alq 2
Sample Name : 2B (24-1633)
Method Name : BAC
Sample Type : Sample

==========

Line : 44
Location : 44

mh

Sample Information : Alq 2
Sample Name : 2C (24-1634)
Method Name : BAC
Sample Type : Sample

Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : 2D (24-1635)
Method Name : BAC
Sample Type : Sample

Line : 46
Location : 46
Sample Information : Alq 2
Sample Name : 2E (24-1636)
Method Name : BAC
Sample Type : Sample

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-24-1272 001 (24-1637)
Method Name : BAC
Sample Type : Sample

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-24-1271 001 (24-1638)
Method Name : BAC
Sample Type : Sample

Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-24-1265 001 (24-1639)
Method Name : BAC
Sample Type : Sample

Line : 50
Location : 50

mh

Sample Information : Alq 2
Sample Name : BCCL-24-1264 001 (24-1640)
Method Name : BAC
Sample Type : Sample

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Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-24-1261 001 (24-1641)
Method Name : BAC
Sample Type : Sample

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Line : 52
Location : 52
Sample Information :
Sample Name : Blood QC A (24-1642)
Method Name : BAC
Sample Type : Sample

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Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-24-1260 001 (24-1643)
Method Name : BAC
Sample Type : Sample

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Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-24-1259 001 (24-1644)
Method Name : BAC
Sample Type : Sample

==========

Line : 55
Location : 55
Sample Information : Alq 2
Sample Name : BCCL-24-1257 001 (24-1645)
Method Name : BAC
Sample Type : Sample

==========

Line : 56
Location : 56

Sample Information : Alq 2
Sample Name : BCCL-24-1256 001 (24-1646)
Method Name : BAC
Sample Type : Sample

==========

Line : 57
Location : 57
Sample Information : Alq 2
Sample Name : BCCL-24-1255 001 (24-1647)
Method Name : BAC
Sample Type : Sample

==========

Line : 58
Location : 58
Sample Information : Alq 2
Sample Name : BCCL-24-1249 001 (24-1648)
Method Name : BAC
Sample Type : Sample

==========

Line : 59
Location : 59
Sample Information : Alq 2
Sample Name : BCCL-24-1248 001 (24-1649)
Method Name : BAC
Sample Type : Sample

==========

Line : 60
Location : 60
Sample Information : Alq 2
Sample Name : BCCL-24-1237 001 (24-1650)
Method Name : BAC
Sample Type : Sample

==========

Line : 61
Location : 61
Sample Information : Alq 2
Sample Name : BCCL-24-1234 003 (24-1651)
Method Name : BAC
Sample Type : Sample

==========

Line : 62
Location : 62

mh

Sequence: C:\CHEM32\2\SEQUENCE\2024\BAC_20240716_MH.S

Sample Information : Alq 2
Sample Name : BCCL-24-1233 001 (24-1652)
Method Name : BAC
Sample Type : Sample

==========

Line : 63
Location : 63
Sample Information :
Sample Name : Blood QC B (24-1653)
Method Name : BAC
Sample Type : Sample

sequence restarted at vial 63; followed by vial 70 through completion. 7/23/2024 mh

---

==========

Line : 64
Location : 64
Sample Information : Alq 2
Sample Name : BCCL-24-1224 001 (24-1654)
Method Name : BAC
Sample Type : Sample

==========

Line : 65
Location : 65
Sample Information : Alq 2
Sample Name : BCCL-24-1223 001 (24-1655)
Method Name : BAC
Sample Type : Sample

==========

Line : 66
Location : 66
Sample Information : Alq 2
Sample Name : BCCL-24-1222 001 (24-1656)
Method Name : BAC
Sample Type : Sample

==========

Line : 67
Location : 67
Sample Information : Alq 2
Sample Name : BCCL-24-1211 001 (24-1657)
Method Name : BAC
Sample Type : Sample

==========

Line : 68
Location : 68

mh

Sequence: C:\CHEM32\2\SEQUENCE\2024\BAC_20240716_MH.S

Sample Information : Alq 2
Sample Name : BCCL-24-1210 001 (24-1658)
Method Name : BAC
Sample Type : Sample

==========

Line : 69
Location : 69
Sample Information : Alq 2
Sample Name : BCCL-24-1181 001 (24-1659)
Method Name : BAC
Sample Type : Sample

sequence stopped at vial 69. error stated "vial failed to drop into oven. check label." 7/23/2024 mh

---

==========

Line : 70
Location : 70
Sample Information : Alq 2
Sample Name : BCCL-24-1155 001 (24-1660)
Method Name : BAC
Sample Type : Sample

==========

Line : 71
Location : 71
Sample Information :
Sample Name : Blood QC A (24-1661)
Method Name : BAC
Sample Type : Sample

==========

Line : 72
Location : 72
Sample Information :
Sample Name : High QC (24-1662)
Method Name : BAC
Sample Type : Sample

==========

Line : 73
Location : 73
Sample Information :
Sample Name : Low QC (24-1663)
Method Name : BAC
Sample Type : Sample

==========

Line : 74
Location : 74

mh

Sequence: C:\CHEM32\2\SEQUENCE\2024\BAC_20240716_MH.S

Sample Information	:	
Sample Name	:	DI Water (24-1664)
Method Name	:	BAC
Sample Type	:	Sample

==========

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

==========

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

==========

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

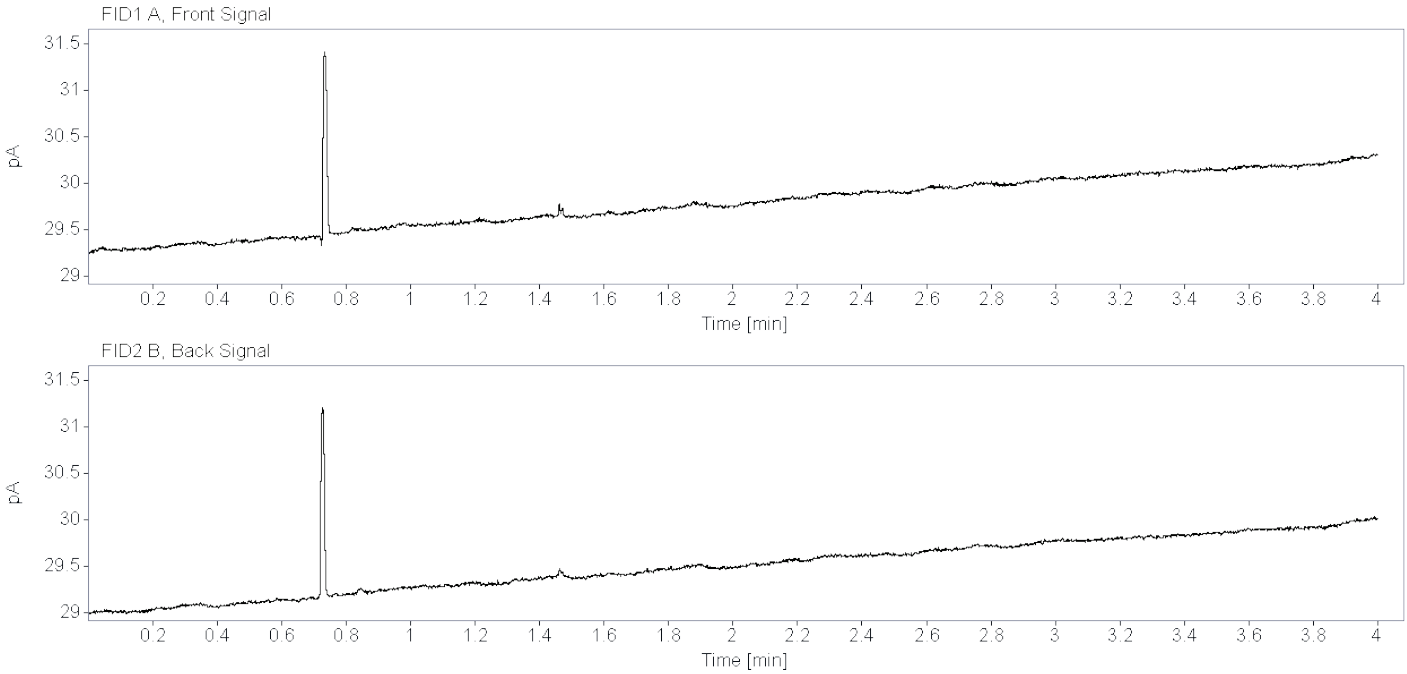
Detector Default Integration Event Table "Event_uECD"

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

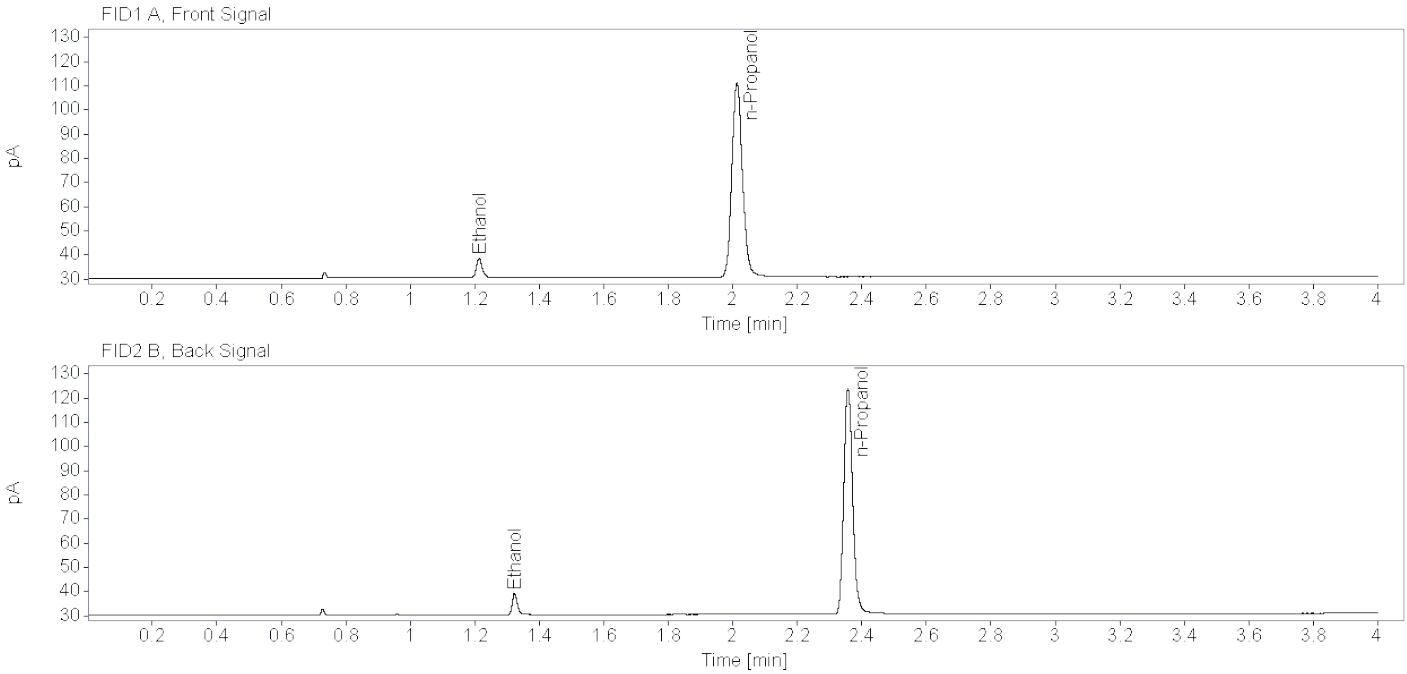
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 9:07:20 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240716PC_MH 2024-07-16 08-57-25\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:** 7/16/2024 9:12:03 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240716PC_MH 2024-07-16 08-57-25\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84559	1.214	1.214	10.1046	0.0122
n-Propanol	0.86363	2.013	2.013	181.2465	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75657	1.324	1.324	9.6241	0.0123
n-Propanol	0.84381	2.357	2.358	177.2003	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 7/18/2024 8:42:23 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	9.68325	1.03271e-3	No	No	1	Ethanol
		2	2.50000e-2	24.84479	1.00625e-3				
		3	5.00000e-2	49.12724	1.01777e-3				
		4	1.00000e-1	100.61751	9.93863e-4				
		5	2.00000e-1	204.20119	9.79426e-4				
		6	4.00000e-1	412.98257	9.68564e-4				
		7	5.00000e-1	516.11310	9.68780e-4				
1.320	2	1	1.00000e-2	9.34312	1.07031e-3	No	No	2	Ethanol
		2	2.50000e-2	24.25387	1.03076e-3				
		3	5.00000e-2	47.69679	1.04829e-3				
		4	1.00000e-1	98.28838	1.01741e-3				
		5	2.00000e-1	198.53700	1.00737e-3				
		6	4.00000e-1	400.59702	9.98510e-4				
		7	5.00000e-1	500.16583	9.99668e-4				
2.013	1	1	1.00000e-2	176.29581	5.67228e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	180.17831	5.55006e-5				
		3	1.00000e-2	172.89644	5.78381e-5				
		4	1.00000e-2	177.69742	5.62754e-5				
		5	1.00000e-2	177.49902	5.63383e-5				
		6	1.00000e-2	177.35252	5.63849e-5				
		7	1.00000e-2	175.56850	5.69578e-5				
2.357	2	1	1.00000e-2	172.53198	5.79603e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	176.61392	5.66207e-5				
		3	1.00000e-2	169.88232	5.88643e-5				
		4	1.00000e-2	174.54135	5.72930e-5				
		5	1.00000e-2	174.06523	5.74497e-5				
		6	1.00000e-2	174.20328	5.74042e-5				
		7	1.00000e-2	172.30571	5.80364e-5				

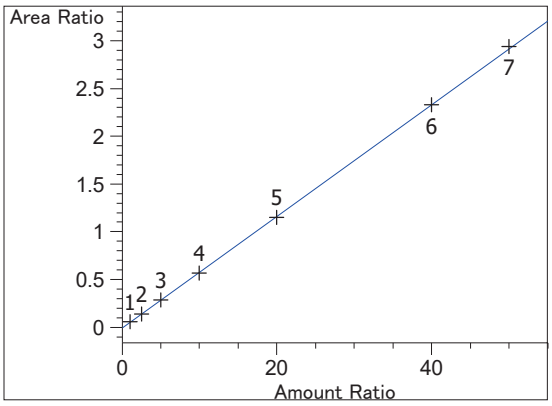
Peak Sum Table

No Entries in table

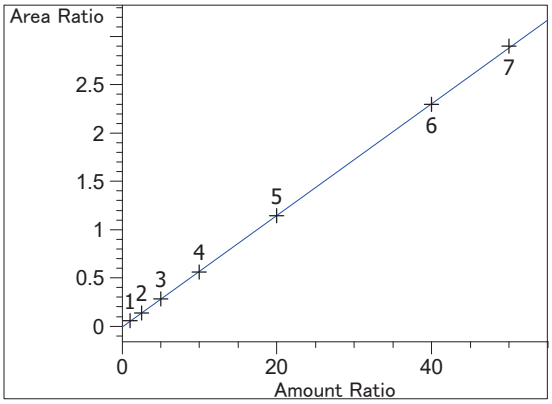
5 Warnings or Errors :

Warning : Curve requires more calibration points., (n-Propanol)
Warning : Curve requires more calibration points. at 2.013 min, signal 1
Warning : Curve requires more calibration points. at 2.357 min, signal 2
Warning : Curve requires more calibration points. at 2.013 min, signal 1
Warning : Curve requires more calibration points. at 2.357 min, signal 2

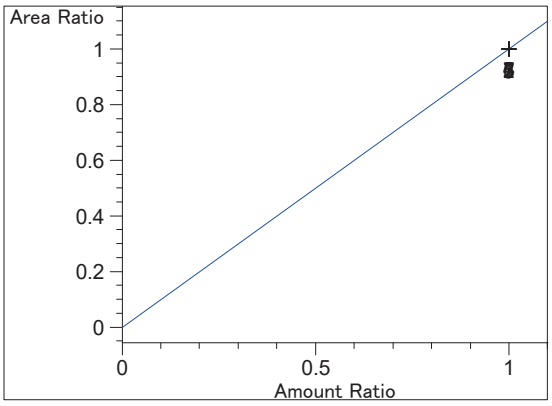
Calibration Curves



Ethanol at exp. RT: 1.211
FID1 A, Front Signal
Correlation: 0.99994
Residual Std. Dev.: 0.01396
Formula: y = mx + b
m: 5.83846e-2
b: -5.89690e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.398333
Level 3 : 0.193305
Level 4 : 0.097003
Level 5 : 0.047744
Level 6 : 0.023588
Level 7 : 0.018684

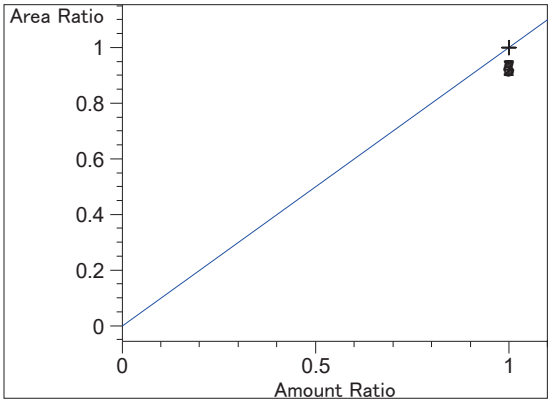


Ethanol at exp. RT: 1.320
FID2 B, Back Signal
Correlation: 0.99996
Residual Std. Dev.: 0.01161
Formula: y = mx + b
m: 5.77131e-2
b: -5.46787e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.394336
Level 3 : 0.192877
Level 4 : 0.096165
Level 5 : 0.047478
Level 6 : 0.023549
Level 7 : 0.018656



n-Propanol at exp. RT: 2.013
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

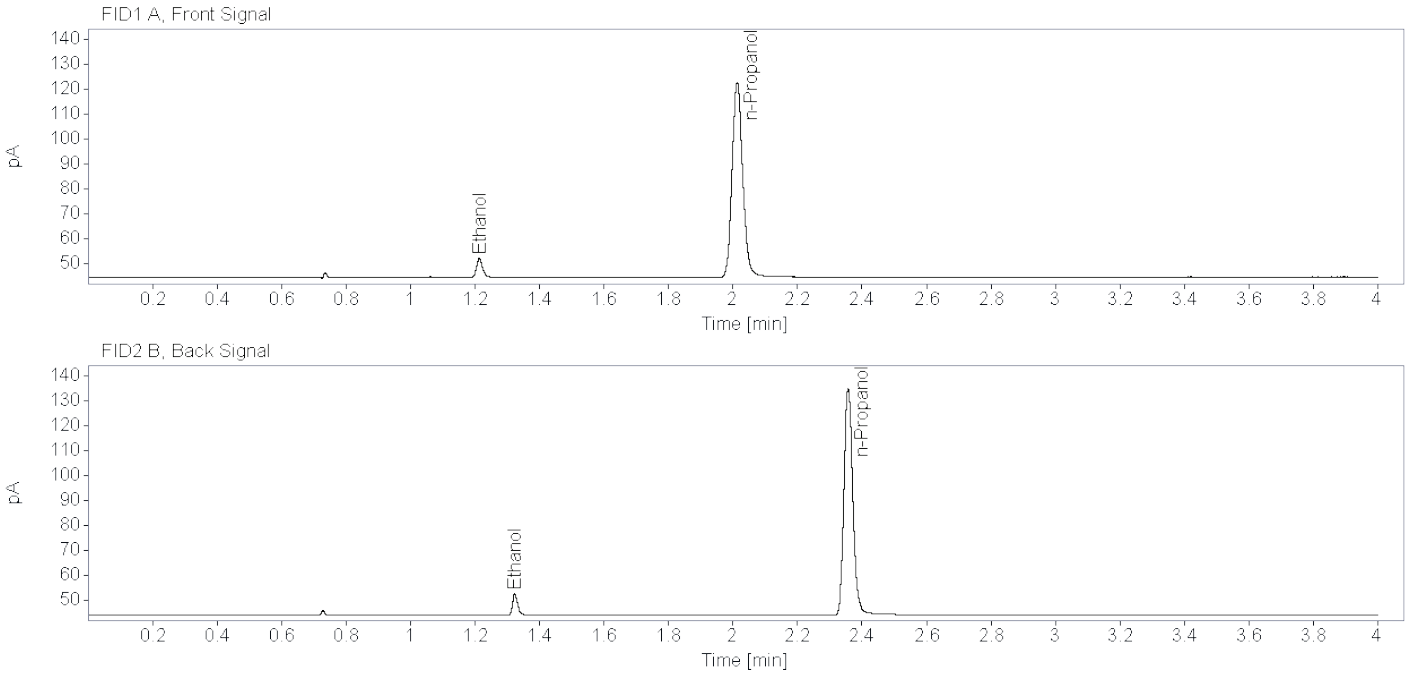


n-Propanol at exp. RT: 2.357
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

==========

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (24-1591) **Description:** **Sample Barcode** 24-1591 **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 11:37:32 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\001F0101.D



Name FID1A

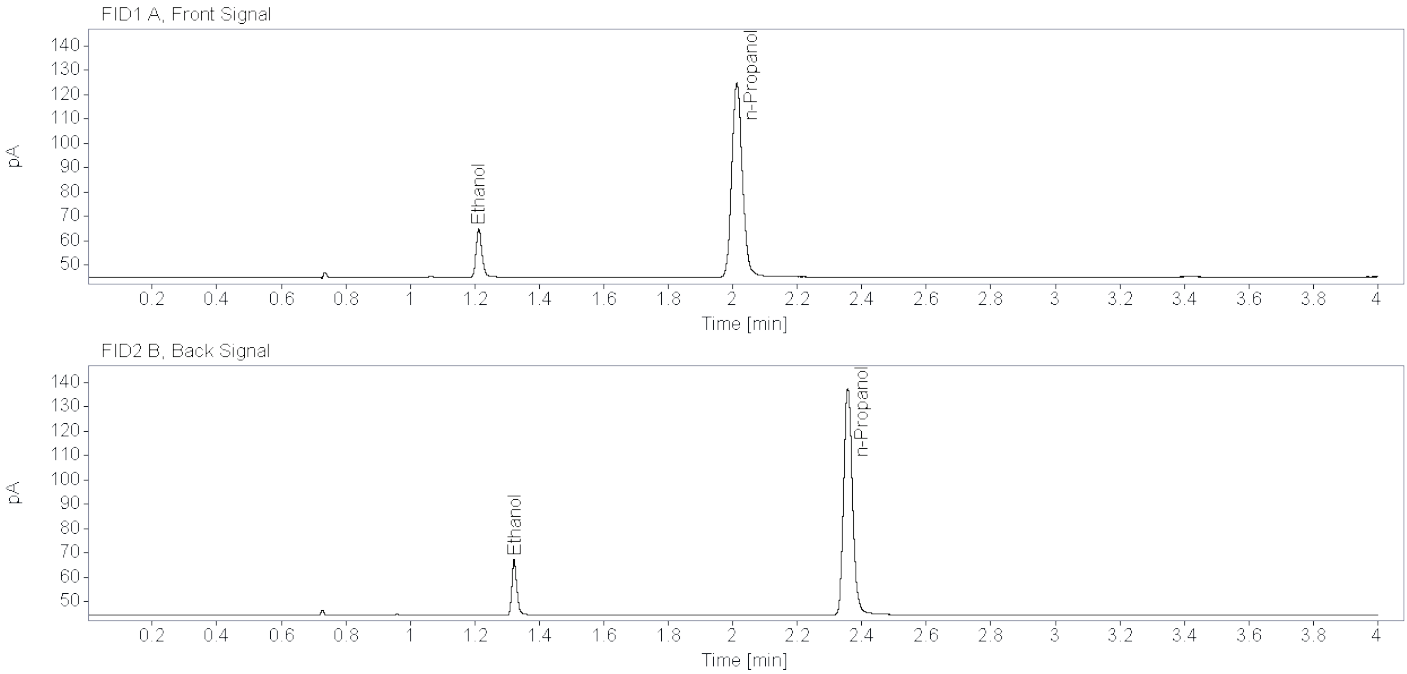
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86142	1.214	1.214	9.6832	0.0104
n-Propanol	0.86519	2.013	2.013	176.2958	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80682	1.323	1.323	9.3431	0.0103
n-Propanol	0.84379	2.357	2.357	172.5320	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (24-1592) **Description:** **Sample Barcode** 24-1592 **Vial Number:** 2
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 11:42:16 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\002F0201.D



Name FID1A

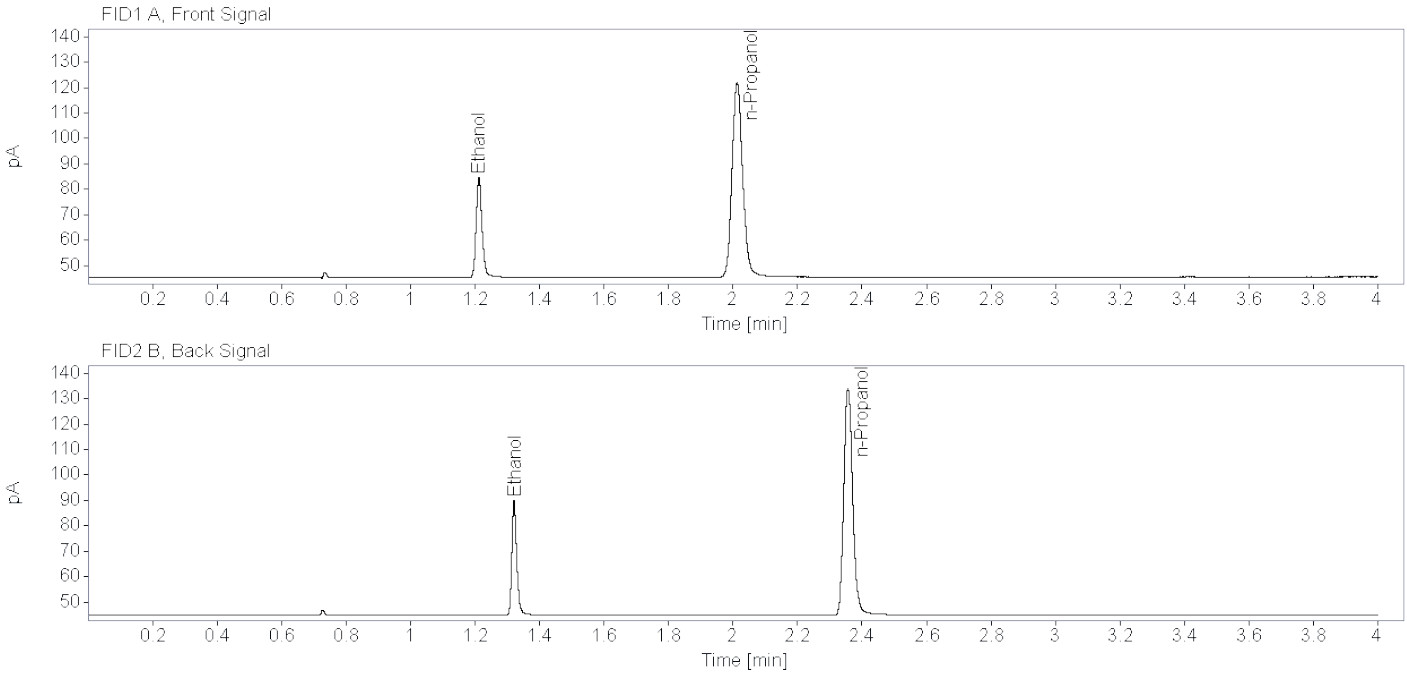
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82738	1.213	1.213	24.8448	0.0246
n-Propanol	0.85749	2.013	2.013	180.1783	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76099	1.322	1.322	24.2539	0.0247
n-Propanol	0.83194	2.357	2.357	176.6139	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (24-1593) **Description:** **Sample Barcode** 24-1593 **Vial Number:** 3
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 11:47:56 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\003F0301.D



Name FID1A

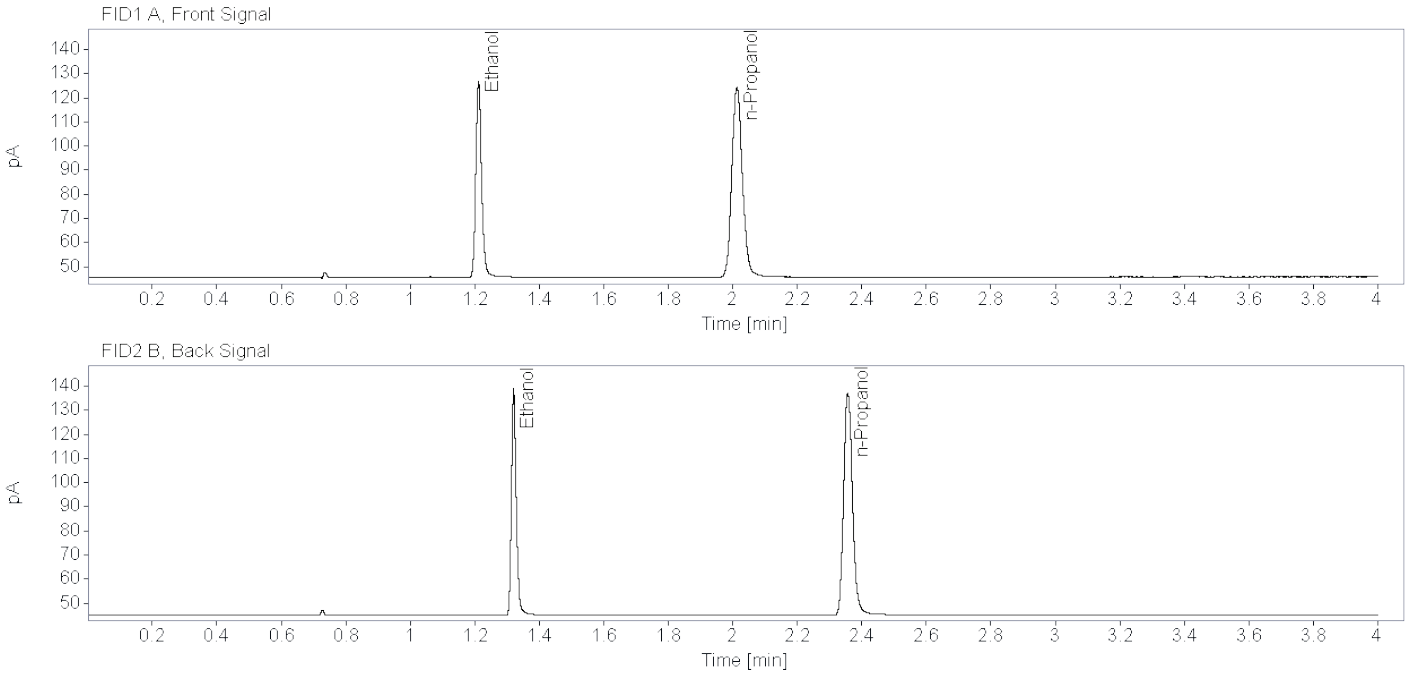
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82778	1.212	1.212	49.1272	0.0497
n-Propanol	0.85937	2.013	2.013	172.8964	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76650	1.321	1.321	47.6968	0.0496
n-Propanol	0.83342	2.356	2.356	169.8823	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (24-1594) **Description:** **Sample Barcode** 24-1594 **Vial Number:** 4
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 11:52:39 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\004F0401.D



Name FID1A

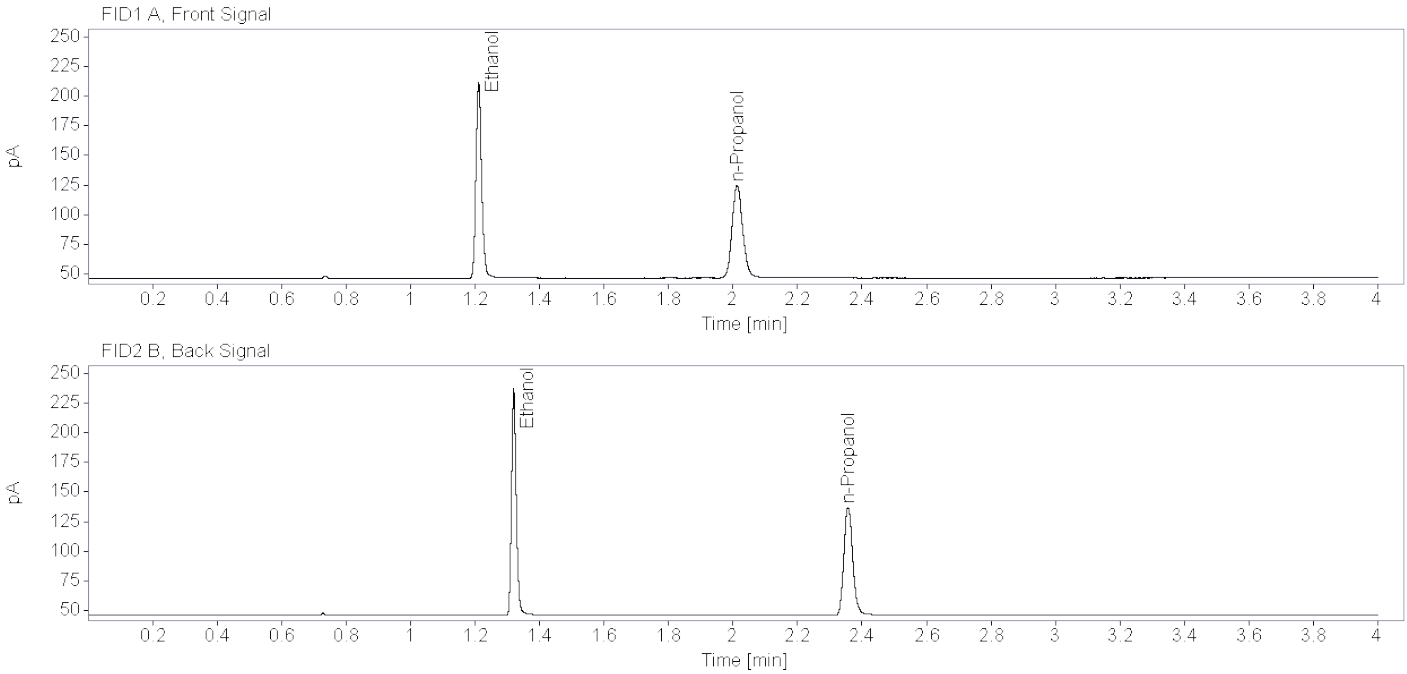
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82695	1.212	1.212	100.6175	0.0980
n-Propanol	0.85381	2.013	2.013	177.6974	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77597	1.321	1.321	98.2884	0.0985
n-Propanol	0.83044	2.357	2.357	174.5414	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (24-1595) **Description:** **Sample Barcode** 24-1595 **Vial Number:** 5
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 11:58:21 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\005F0501.D



Name FID1A

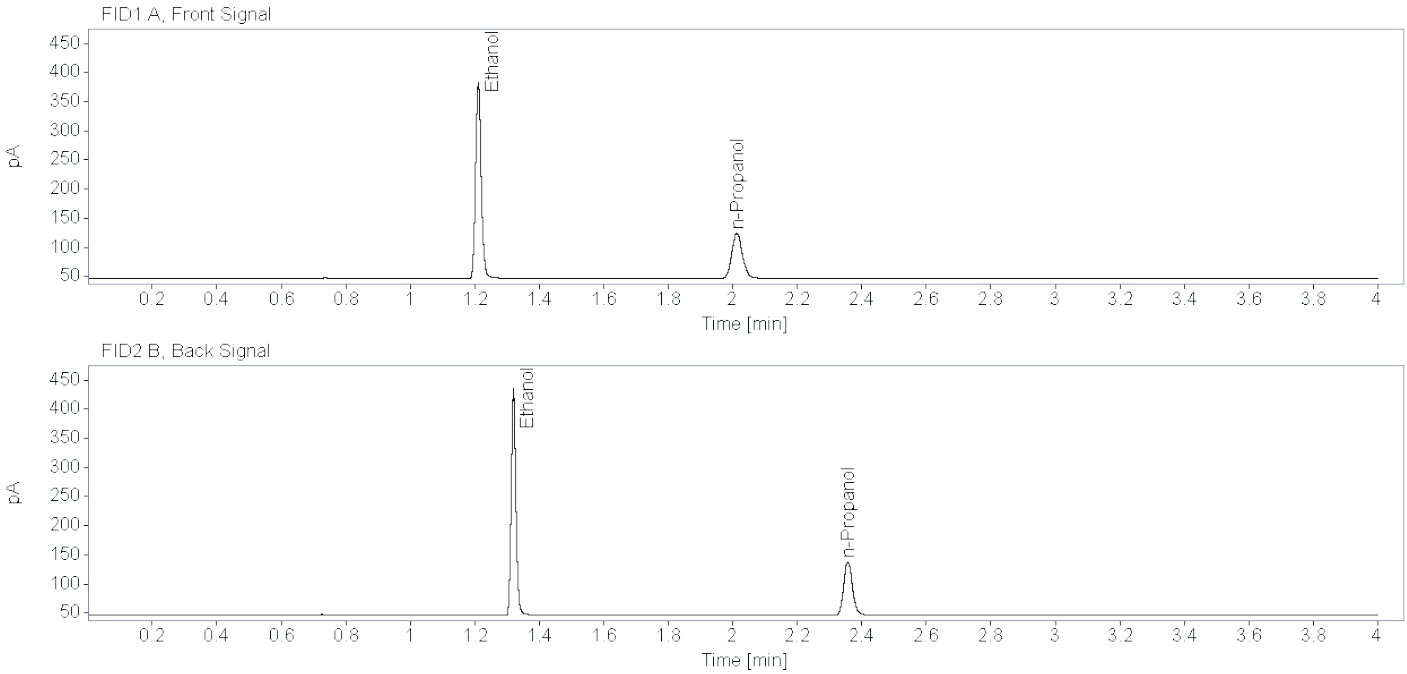
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84143	1.211	1.211	204.2012	0.1981
n-Propanol	0.86165	2.013	2.013	177.4990	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81717	1.320	1.320	198.5370	0.1986
n-Propanol	0.83609	2.357	2.357	174.0652	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (24-1596) **Description:** **Sample Barcode** 24-1596 **Vial Number:** 6
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 12:03:03 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\006F0601.D



Name FID1A

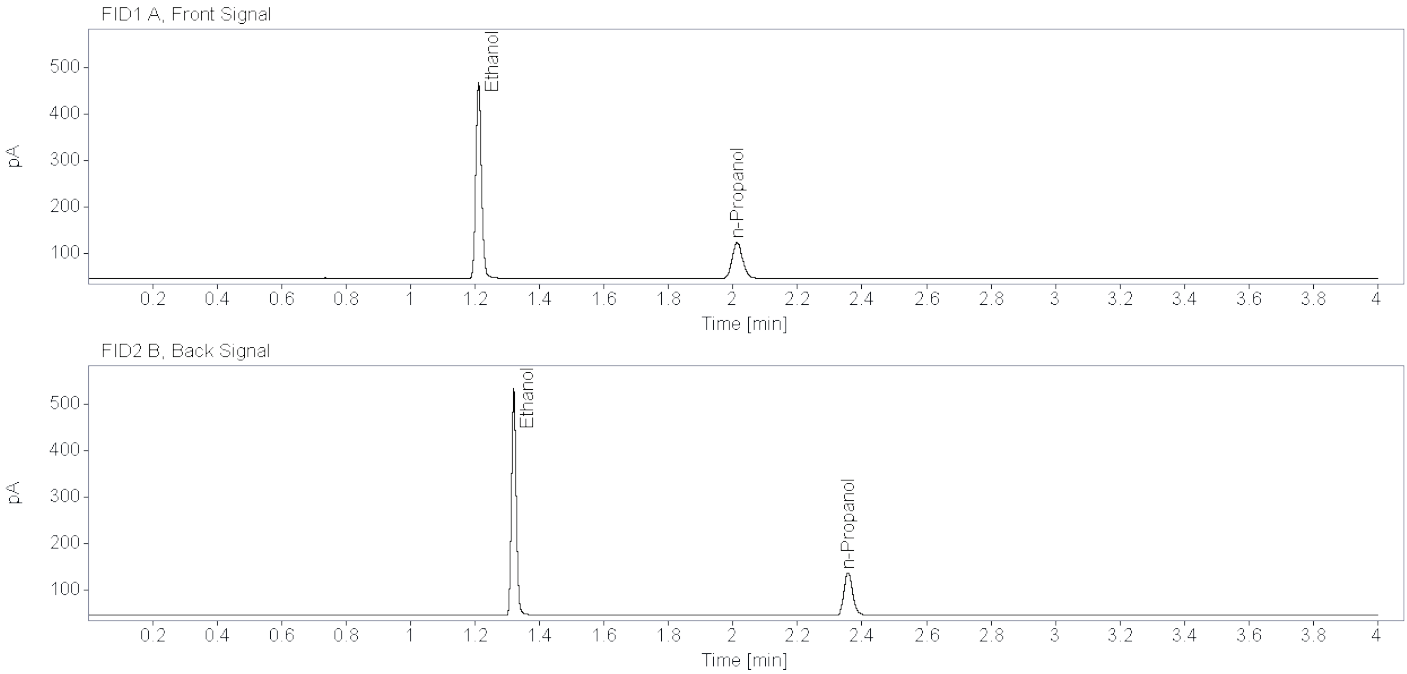
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85018	1.211	1.211	412.9826	0.3998
n-Propanol	0.85452	2.013	2.013	177.3525	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84575	1.320	1.320	400.5970	0.3994
n-Propanol	0.83025	2.357	2.357	174.2033	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (24-1597) **Description:** **Sample Barcode** 24-1597 **Vial Number:** 7
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 12:08:44 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\007F0701.D



Name FID1A

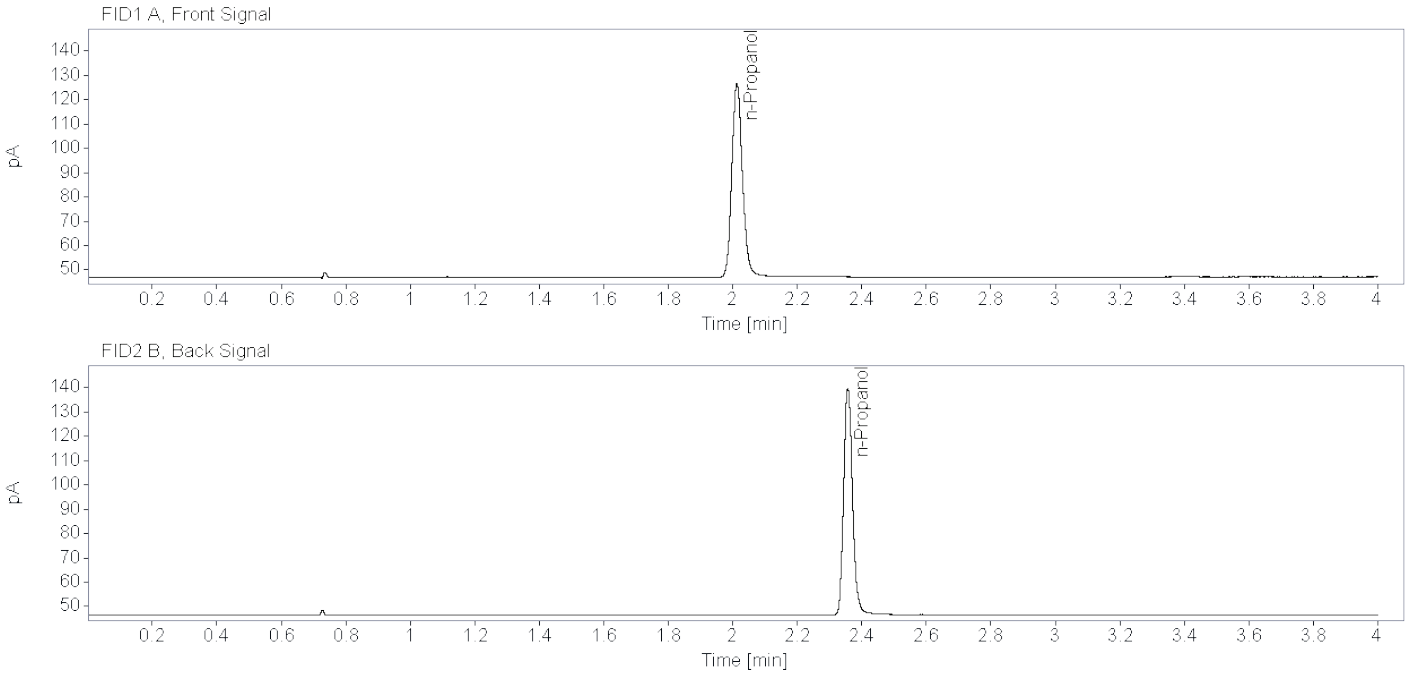
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86357	1.211	1.211	516.1131	0.5045
n-Propanol	0.85643	2.013	2.013	175.5685	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88379	1.320	1.320	500.1658	0.5039
n-Propanol	0.83360	2.357	2.357	172.3057	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (24-1598) **Description:** **Sample Barcode** 24-1598 **Vial Number:** 8
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 12:13:28 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\008F0801.D



Name FID1A

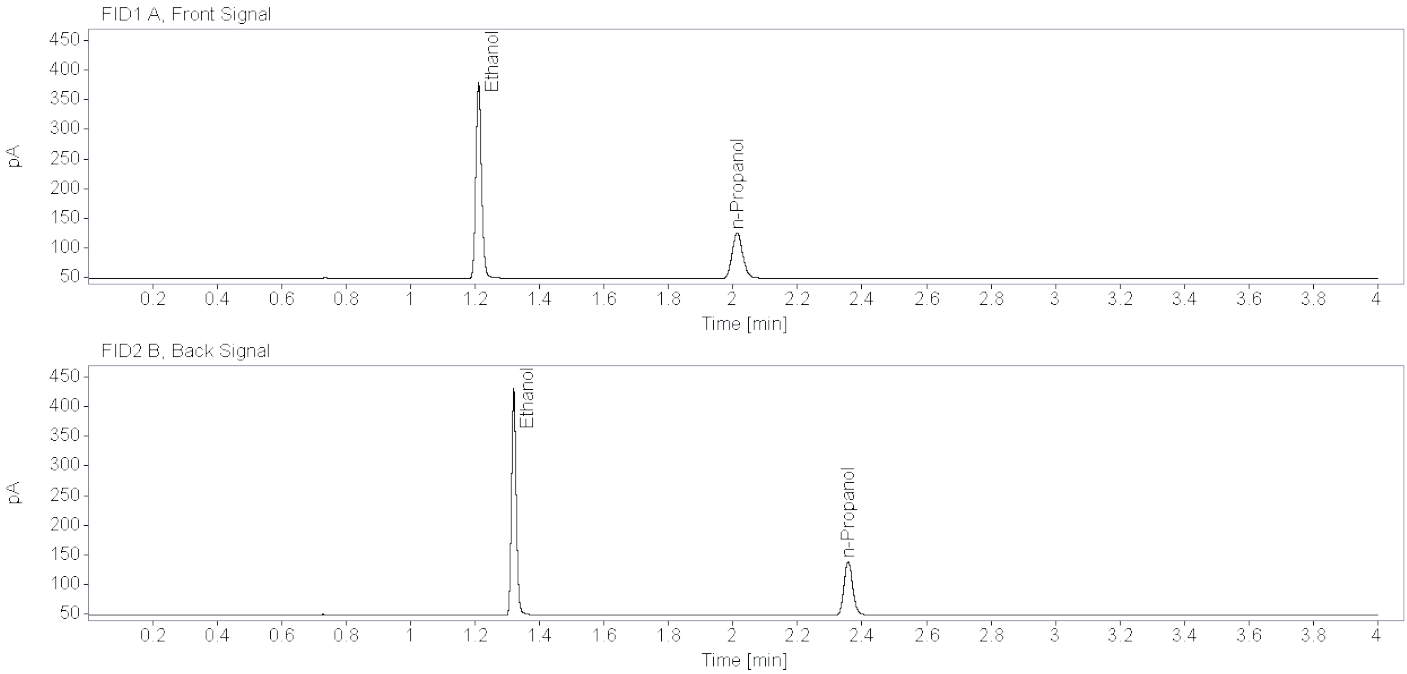
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85281	2.013	2.013	180.1833	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82978	2.357	2.357	177.3228	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-1599) **Description:** **Sample Barcode** 24-1599 **Vial Number:** 9
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 12:19:08 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\009F0901.D



Name FID1A

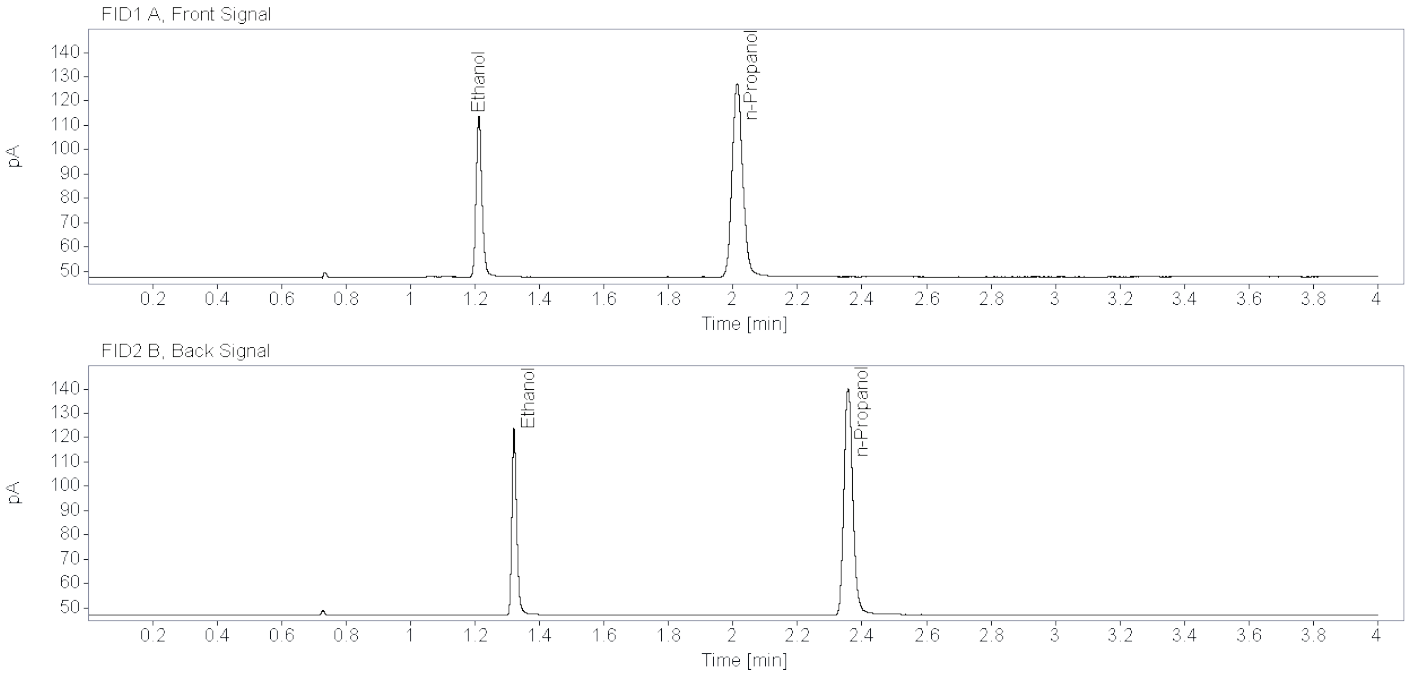
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85880	1.211	1.211	408.0654	0.4001
n-Propanol	0.85891	2.013	2.013	175.1369	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85992	1.320	1.320	394.7254	0.3983
n-Propanol	0.83841	2.357	2.357	172.1045	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-1600) **Description:** **Sample Barcode** 24-1600 **Vial Number:** 10
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 12:23:51 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\010F1001.D



Name FID1A

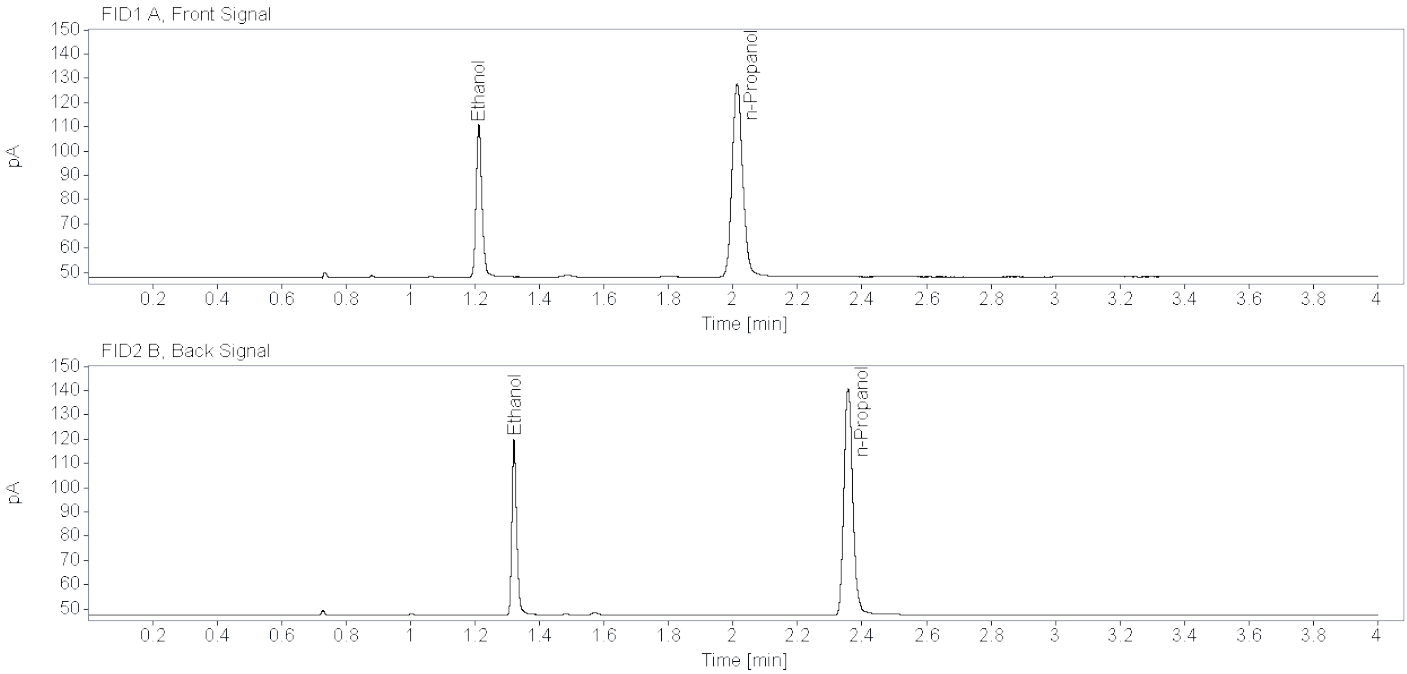
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83116	1.212	1.211	82.4681	0.0796
n-Propanol	0.85830	2.013	2.013	179.8258	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76870	1.321	1.320	79.9832	0.0792
n-Propanol	0.83964	2.357	2.357	176.9935	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1601) **Description:** **Sample Barcode** 24-1601 **Vial Number:** 11
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 12:29:34 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\011F1101.D



Name FID1A

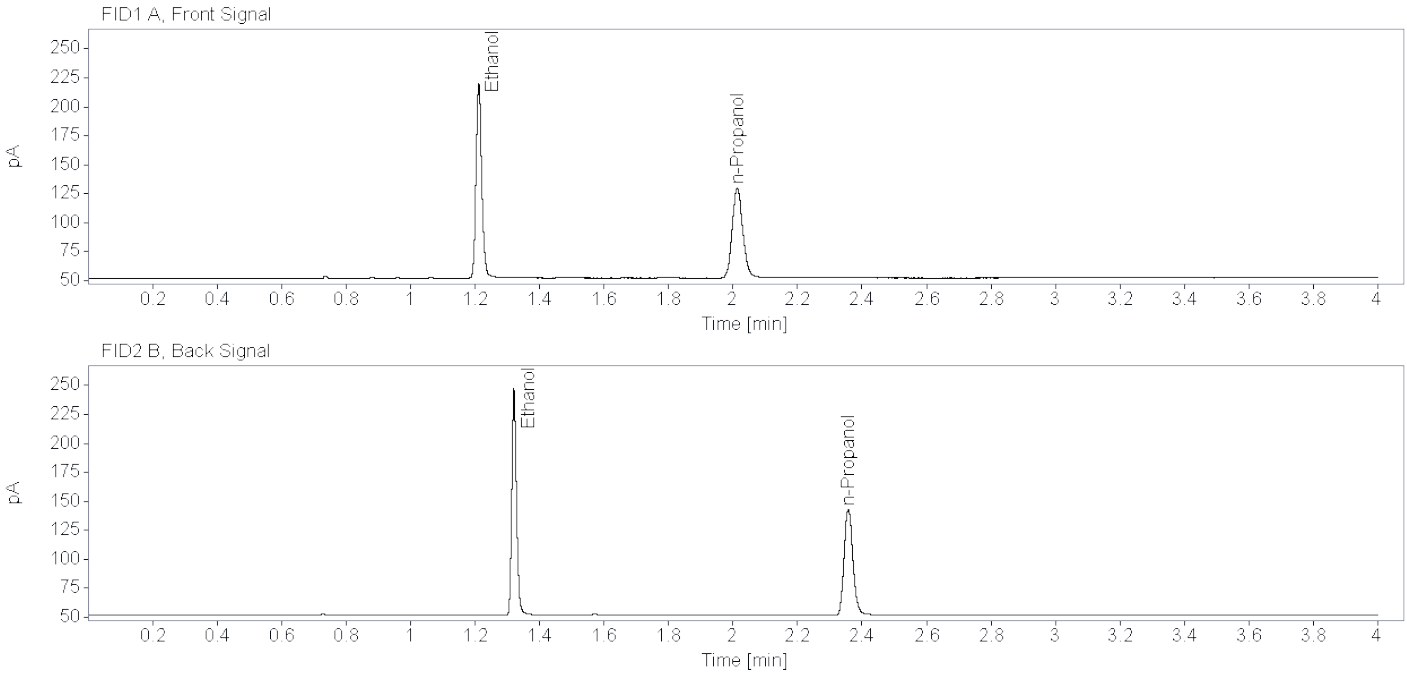
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82998	1.212	1.211	78.3300	0.0756
n-Propanol	0.85915	2.013	2.013	179.8646	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76703	1.321	1.320	75.5460	0.0747
n-Propanol	0.84375	2.357	2.357	177.5209	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-1612) **Description:** **Sample Barcode** 24-1612 **Vial Number:** 22
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 1:26:15 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\022F2201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84300	1.212	1.211	207.6747	0.2047
n-Propanol	0.85323	2.013	2.013	174.6668	0.0100

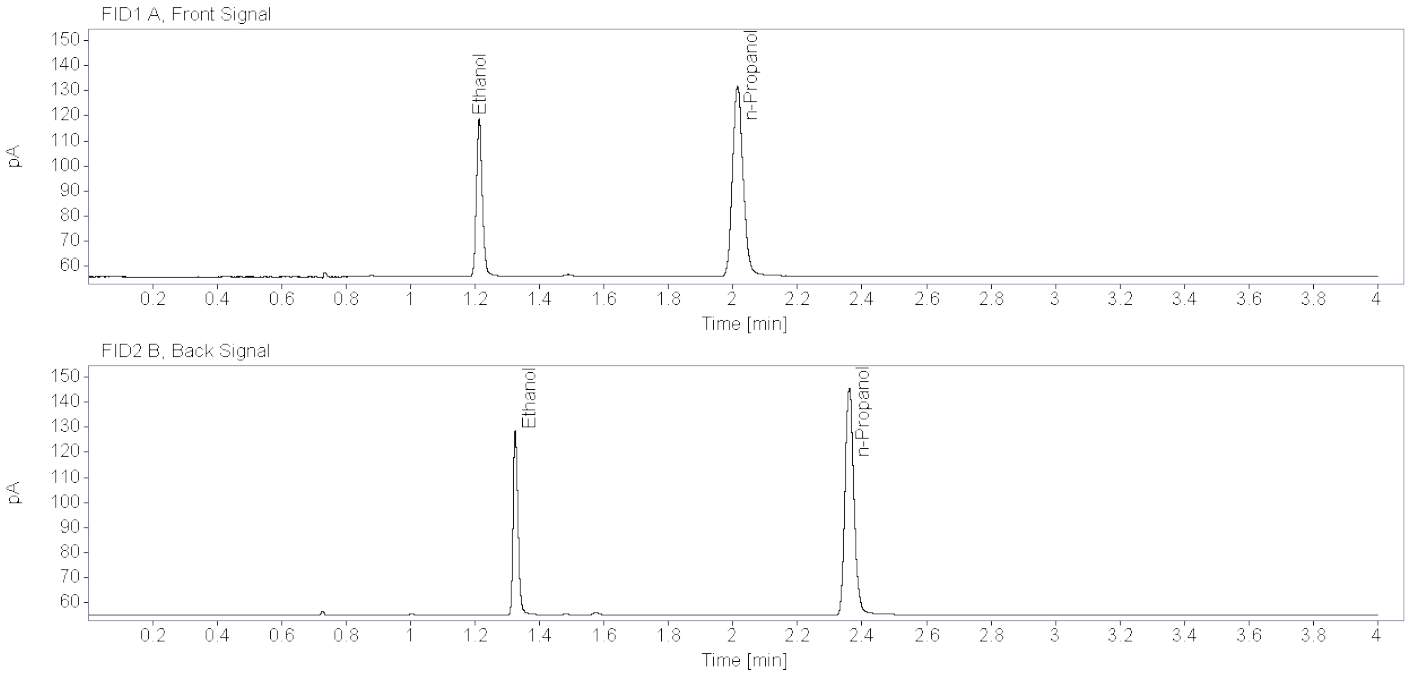
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80971	1.321	1.320	202.2917	0.2028
n-Propanol	0.84682	2.357	2.357	173.6145	0.0100

Not within 5% of the target. 7/23/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1623) **Description:** **Sample Barcode** 24-1623 **Vial Number:** 33
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 2:23:56 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\033F3301.D



Name FID1A

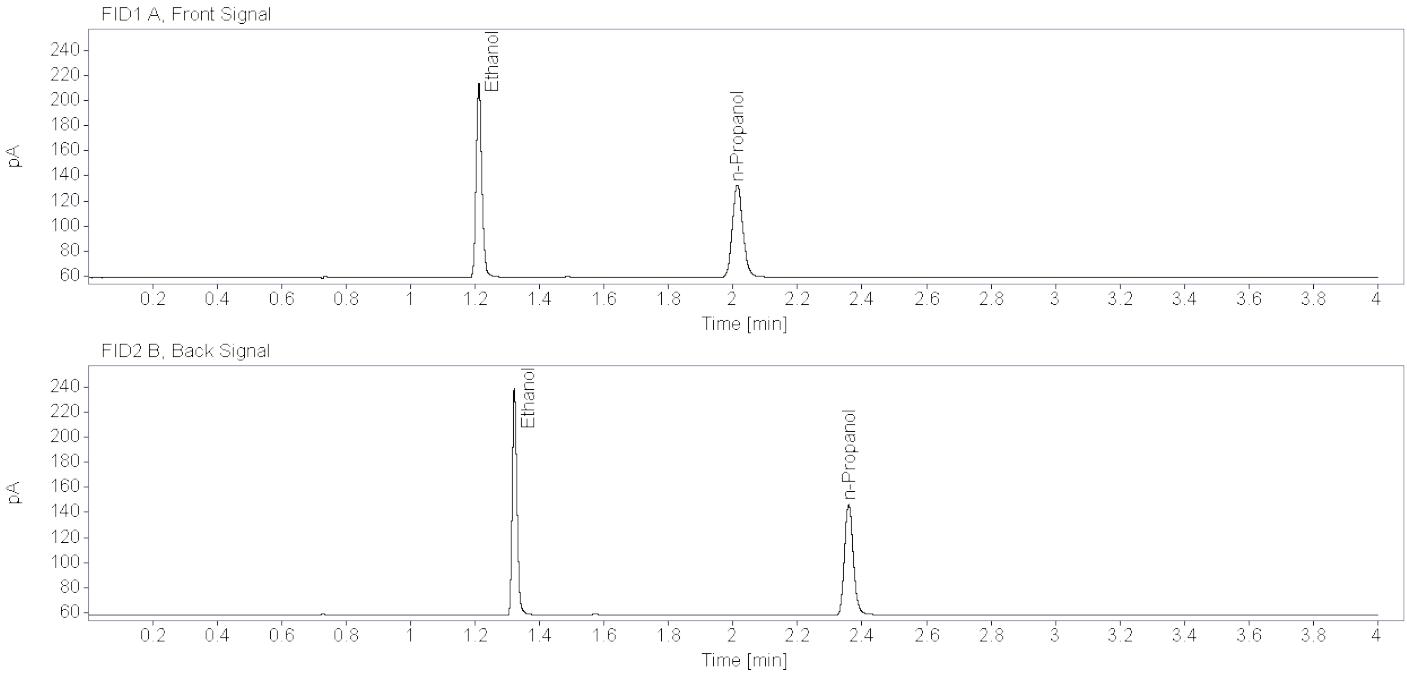
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84238	1.213	1.211	79.1769	0.0804
n-Propanol	0.85029	2.014	2.013	170.8708	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79162	1.325	1.320	76.8379	0.0786
n-Propanol	0.84504	2.360	2.357	171.5047	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-1631) **Description:** **Sample Barcode** 24-1631 **Vial Number:** 41
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 3:05:34 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\041F4101.D



Name FID1A

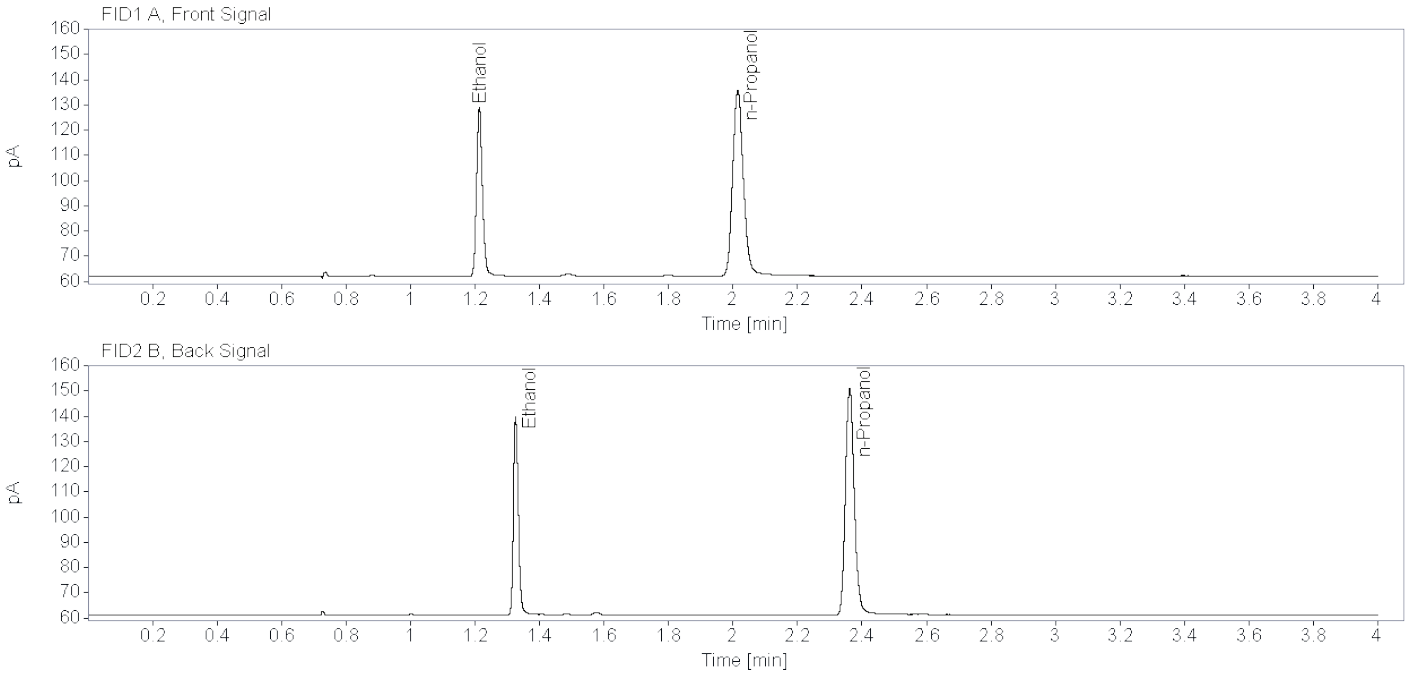
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83819	1.212	1.211	191.6591	0.1980
n-Propanol	0.84373	2.013	2.013	166.6675	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79886	1.322	1.320	187.0935	0.1940
n-Propanol	0.84123	2.359	2.357	167.9208	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1642) **Description:** **Sample Barcode** 24-1642 **Vial Number:** 52
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 4:02:15 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84057	1.213	1.211	84.4440	0.0878
n-Propanol	0.84747	2.015	2.013	166.6158	0.0100

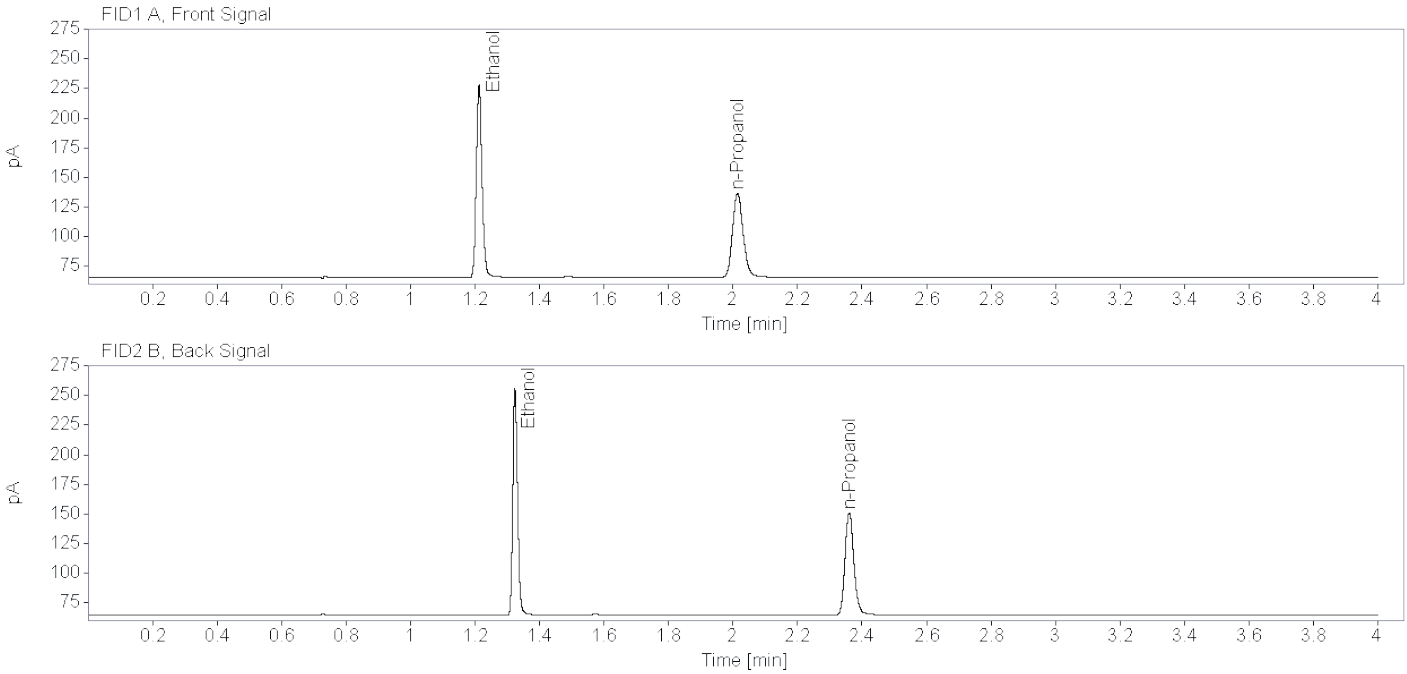
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80805	1.326	1.320	82.4828	0.0848
n-Propanol	0.84508	2.362	2.357	170.3773	0.0100

Not within 5% of the target. 7/23/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-1653) **Description:** **Sample Barcode** 24-1653 **Vial Number:** 63
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 4:59:56 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\063F6301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84951	1.212	1.211	202.5061	0.2172
n-Propanol	0.84225	2.014	2.013	160.4426	0.0100

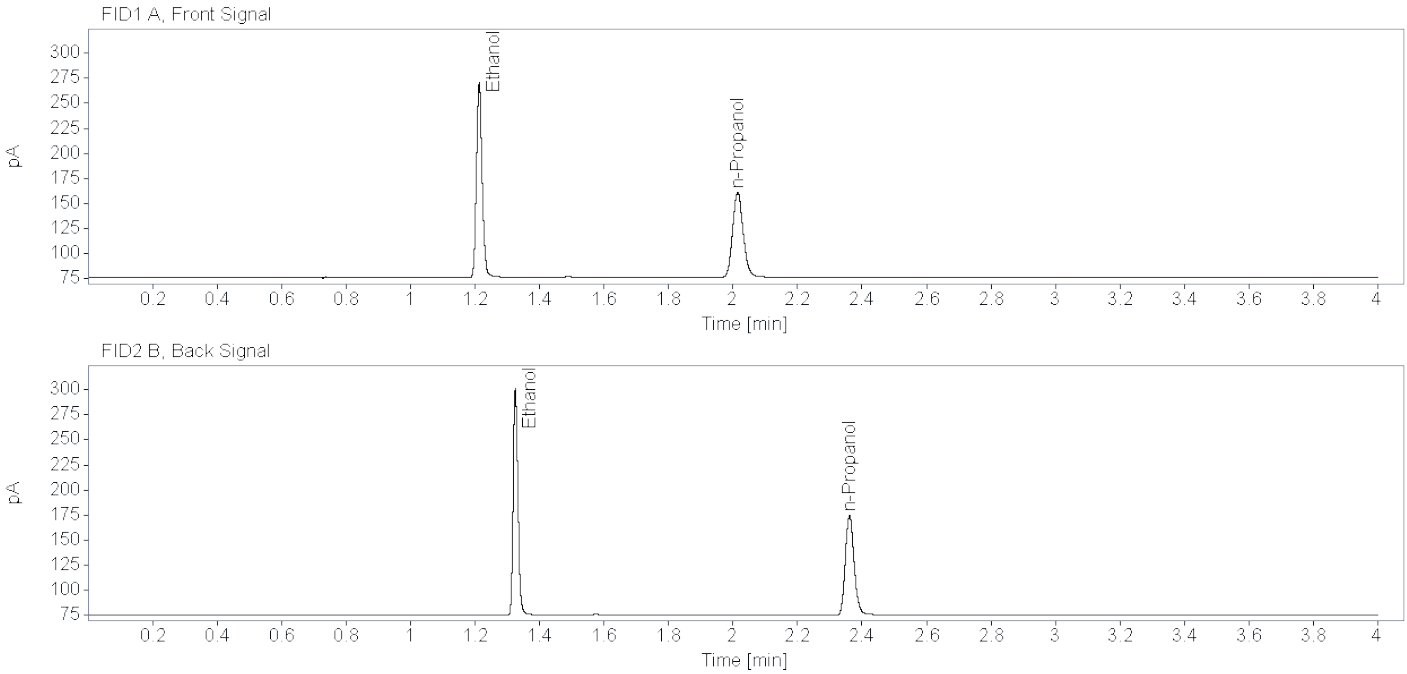
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82587	1.324	1.320	198.9152	0.2104
n-Propanol	0.83813	2.360	2.357	164.5399	0.0100

Not within 5% of the target. 7/23/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-1653) **Description:** **Sample Barcode** 24-1653 **Vial Number:** 63
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/17/2024 11:14:25 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH2 2024-07-17 11-04-30\063F0101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84654	1.213	1.211	240.2336	0.2160
n-Propanol	0.85652	2.014	2.013	191.4208	0.0100

Name FID2B

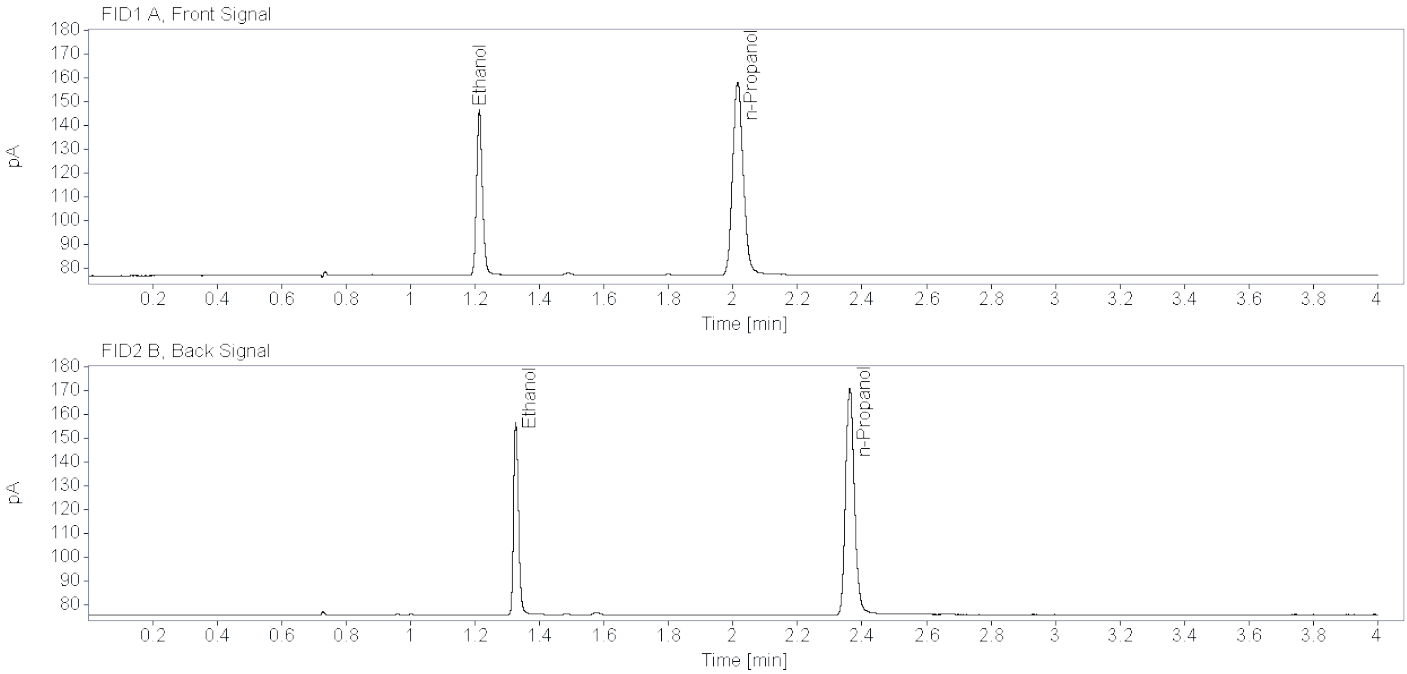
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83307	1.325	1.320	233.3088	0.2164
n-Propanol	0.84742	2.361	2.357	187.5981	0.0100

re-injection 7/23/2024 mh

Not within 5% of the target. 7/23/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1661) **Description:** **Sample Barcode** 24-1661 **Vial Number:** 71
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/17/2024 11:24:50 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH2 2024-07-17 11-04-30\071F0301.D



Name FID1A

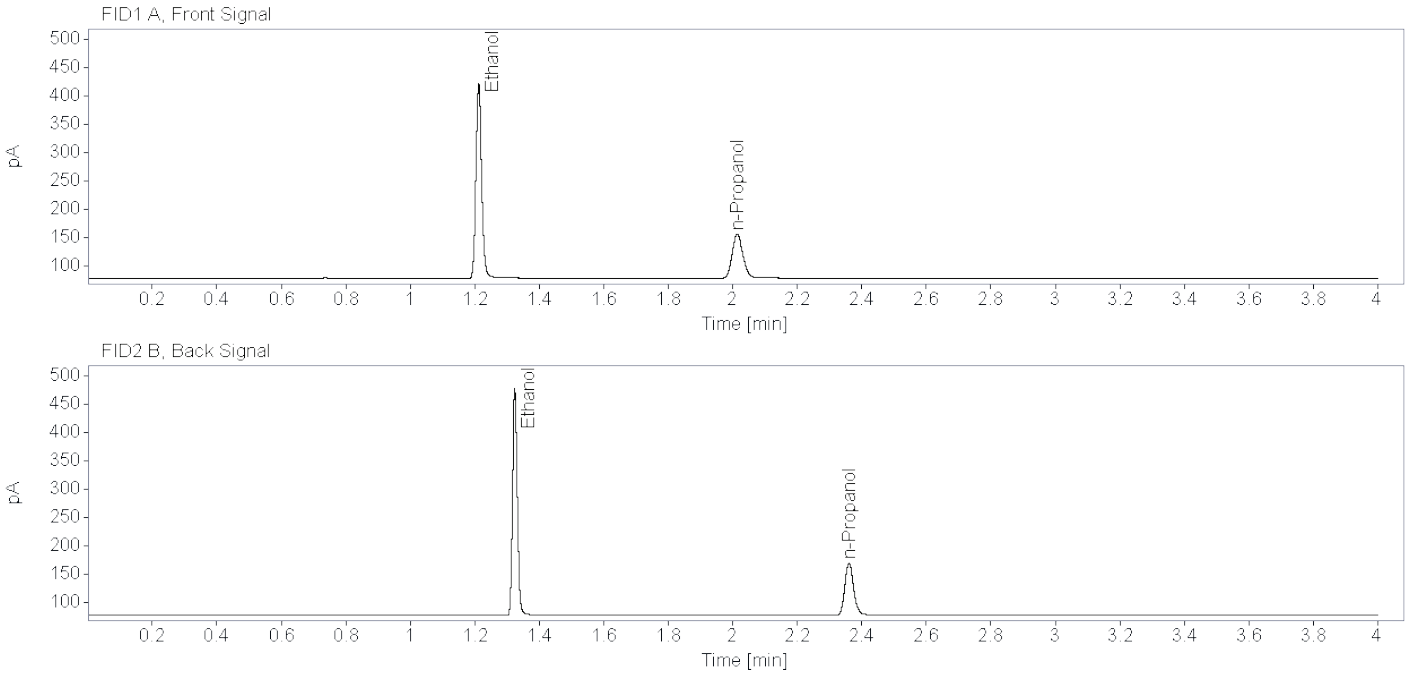
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83947	1.213	1.211	87.1157	0.0823
n-Propanol	0.85143	2.014	2.013	183.5061	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82216	1.327	1.320	84.9343	0.0822
n-Propanol	0.84231	2.362	2.357	181.0559	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-1662) **Description:** **Sample Barcode** 24-1662 **Vial Number:** 72
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/17/2024 11:29:32 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH2 2024-07-17 11-04-30\072F0401.D



Name FID1A

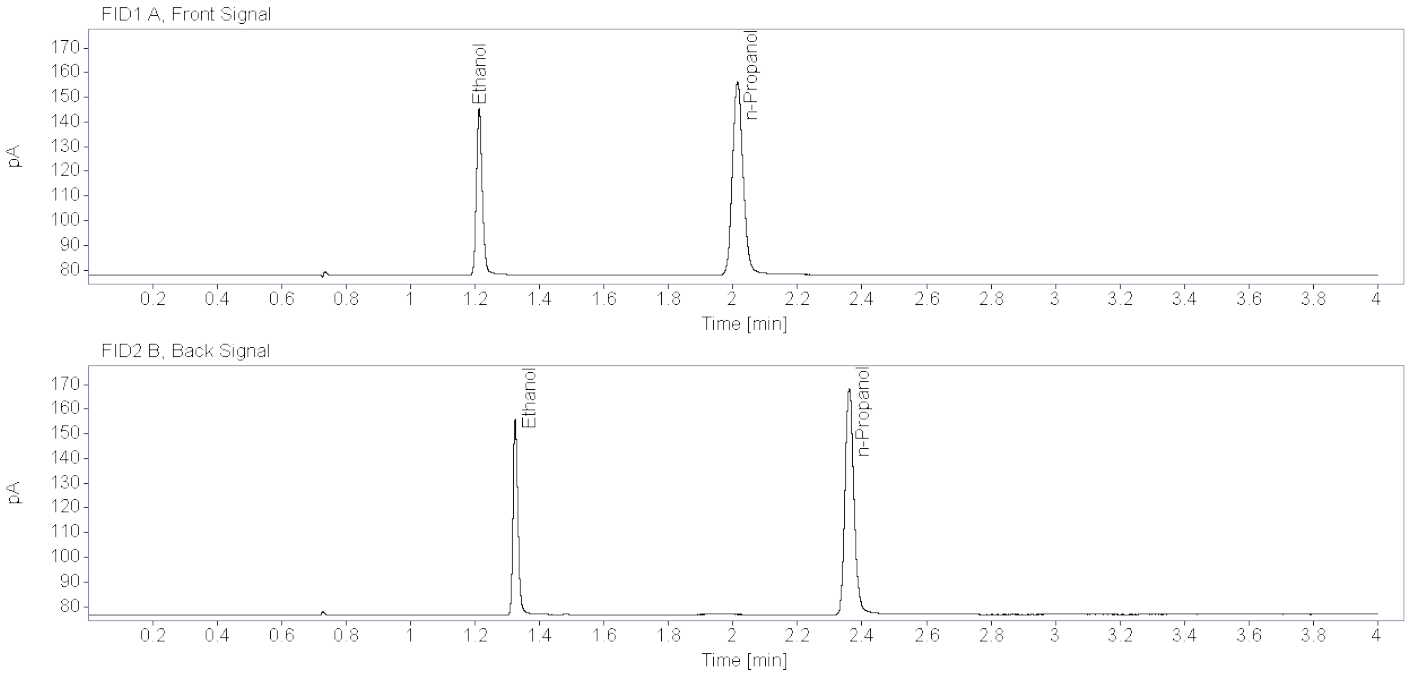
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86330	1.212	1.211	426.1006	0.4132
n-Propanol	0.85171	2.014	2.013	177.0406	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87836	1.324	1.320	413.8404	0.4120
n-Propanol	0.82549	2.360	2.357	174.4534	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-1663) **Description:** **Sample Barcode** 24-1663 **Vial Number:** 73
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/17/2024 11:35:14 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH2 2024-07-17 11-04-30\073F0501.D



Name FID1A

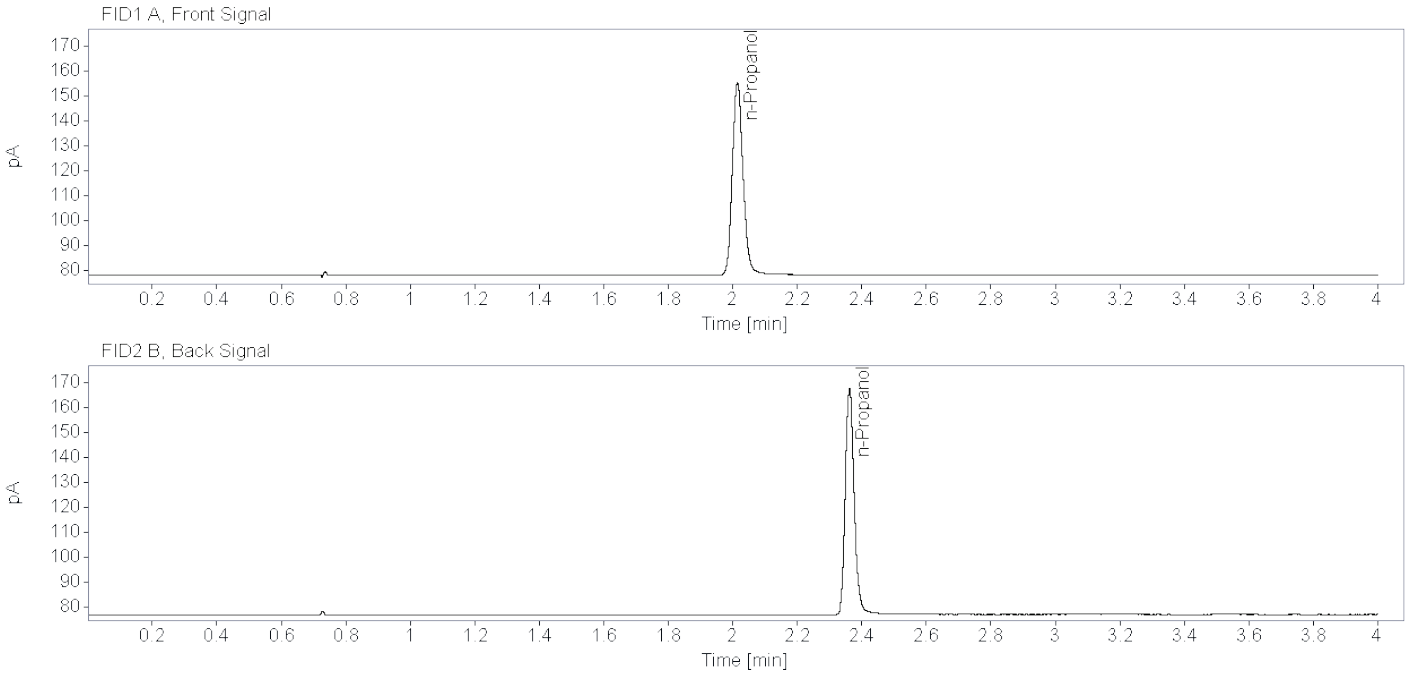
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83172	1.213	1.211	84.6123	0.0829
n-Propanol	0.84598	2.014	2.013	177.0211	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79668	1.325	1.320	82.6646	0.0830
n-Propanol	0.83575	2.360	2.357	174.4942	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (24-1664) **Description:** **Sample Barcode** 24-1664 **Vial Number:** 74
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/17/2024 11:39:56 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH2 2024-07-17 11-04-30\074F0601.D



Name FID1A

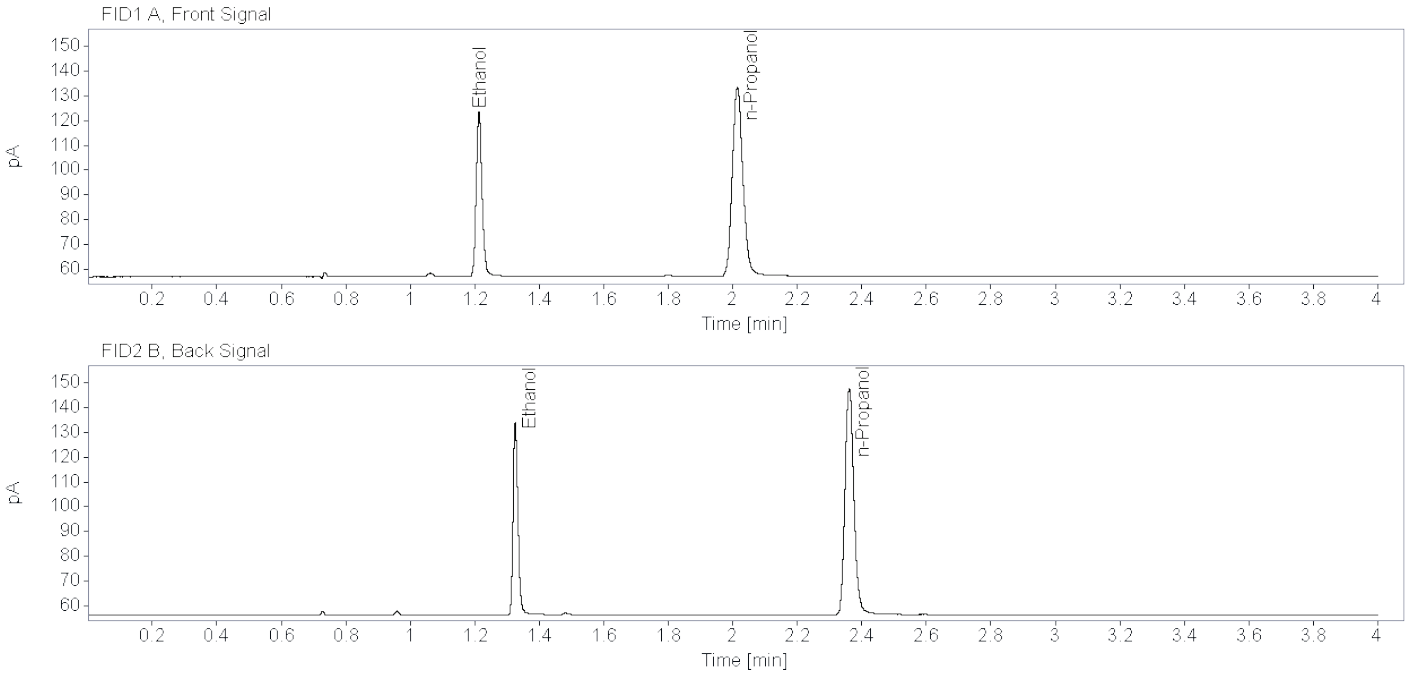
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84342	2.014	2.013	175.3824	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83219	2.362	2.357	172.6832	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 1A (24-1626) **Description:** Alq 1 **Sample Barcode** 24-1626 **Vial Number:** 36
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 2:39:03 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\036F3601.D



Name FID1A

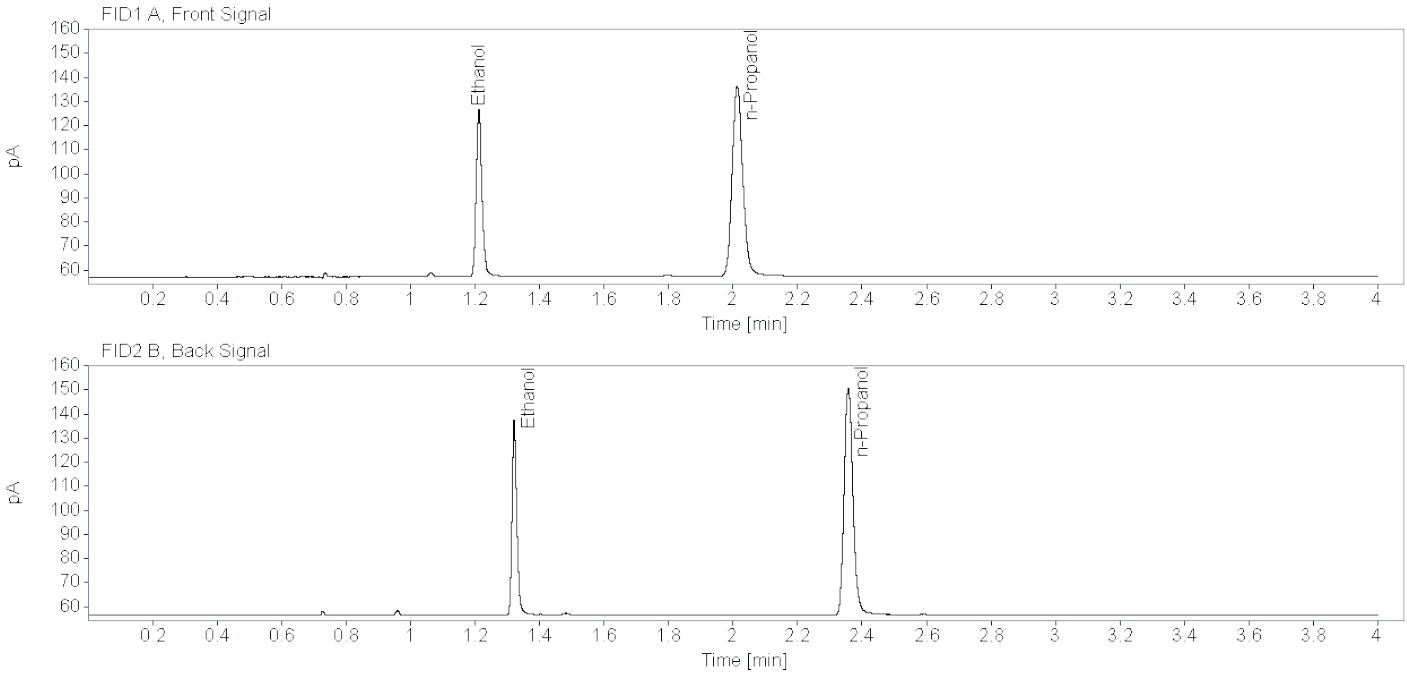
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84762	1.213	1.211	83.7043	0.0840
n-Propanol	0.84633	2.014	2.013	172.6966	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79996	1.326	1.320	81.4543	0.0818
n-Propanol	0.84604	2.361	2.357	174.4946	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 1B (24-1627) **Description:** Alq 1 **Sample Barcode** 24-1627 **Vial Number:** 37
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 2:44:46 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\037F3701.D



Name FID1A

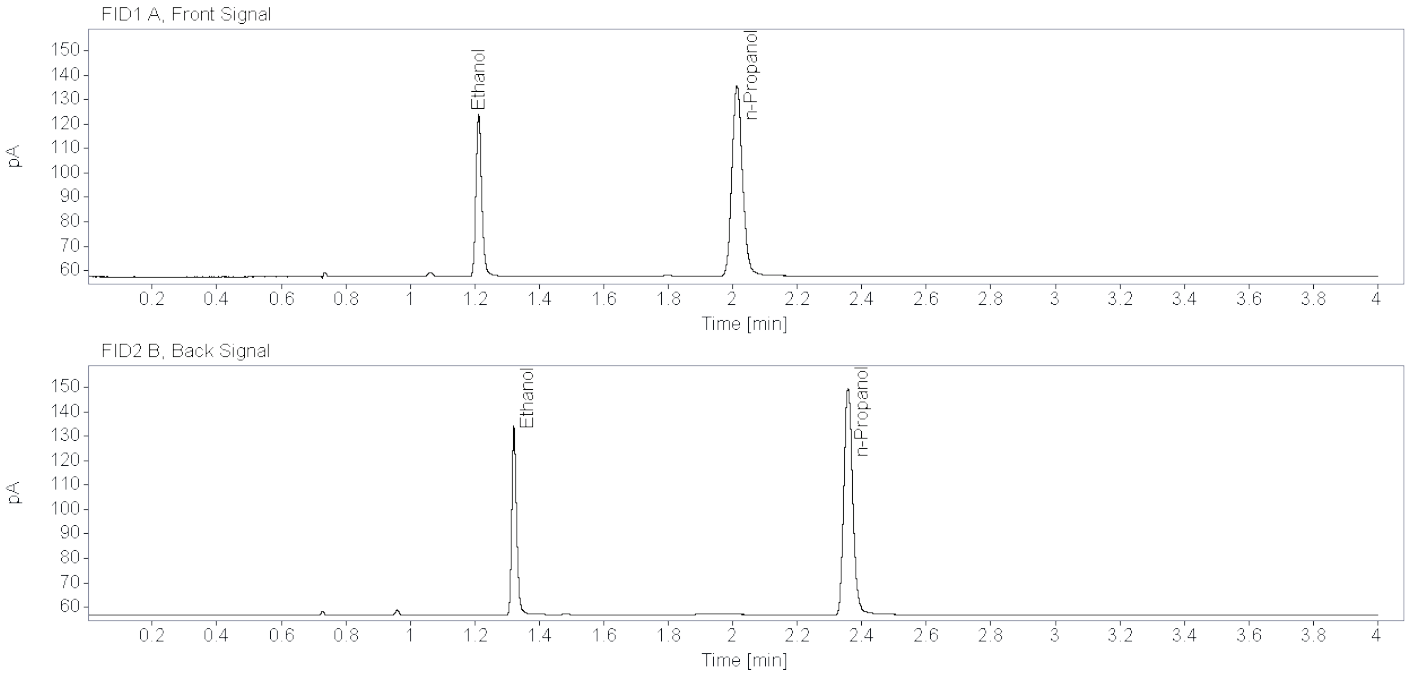
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83182	1.212	1.211	86.4351	0.0841
n-Propanol	0.85159	2.013	2.013	178.2648	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78385	1.322	1.320	84.2985	0.0825
n-Propanol	0.84605	2.357	2.357	179.1233	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 1C (24-1628) **Description:** Alq 1 **Sample Barcode** 24-1628 **Vial Number:** 38
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 2:49:27 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\038F3801.D



Name FID1A

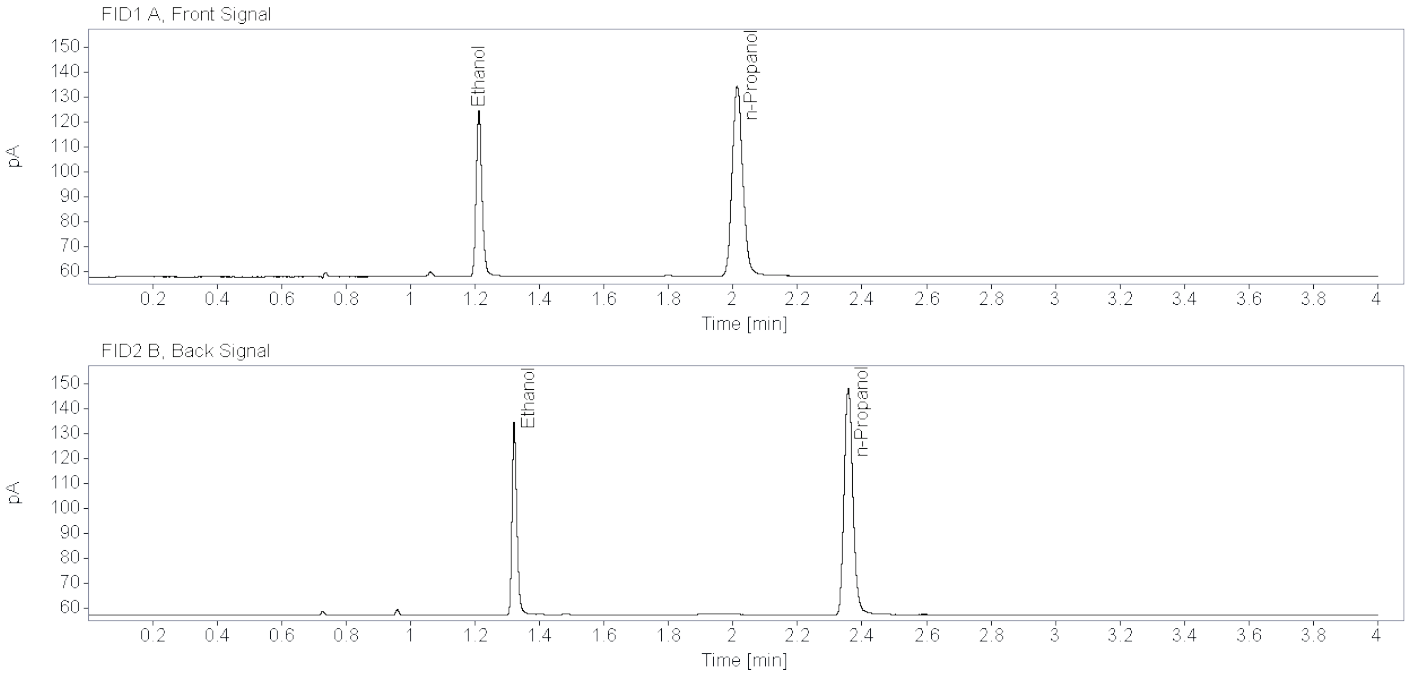
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82563	1.212	1.211	82.7408	0.0816
n-Propanol	0.85594	2.013	2.013	175.8139	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77133	1.322	1.320	80.4525	0.0799
n-Propanol	0.84140	2.357	2.357	176.4793	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 1D (24-1629) **Description:** Alq 1 **Sample Barcode** 24-1629 **Vial Number:** 39
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 2:55:08 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\039F3901.D



Name FID1A

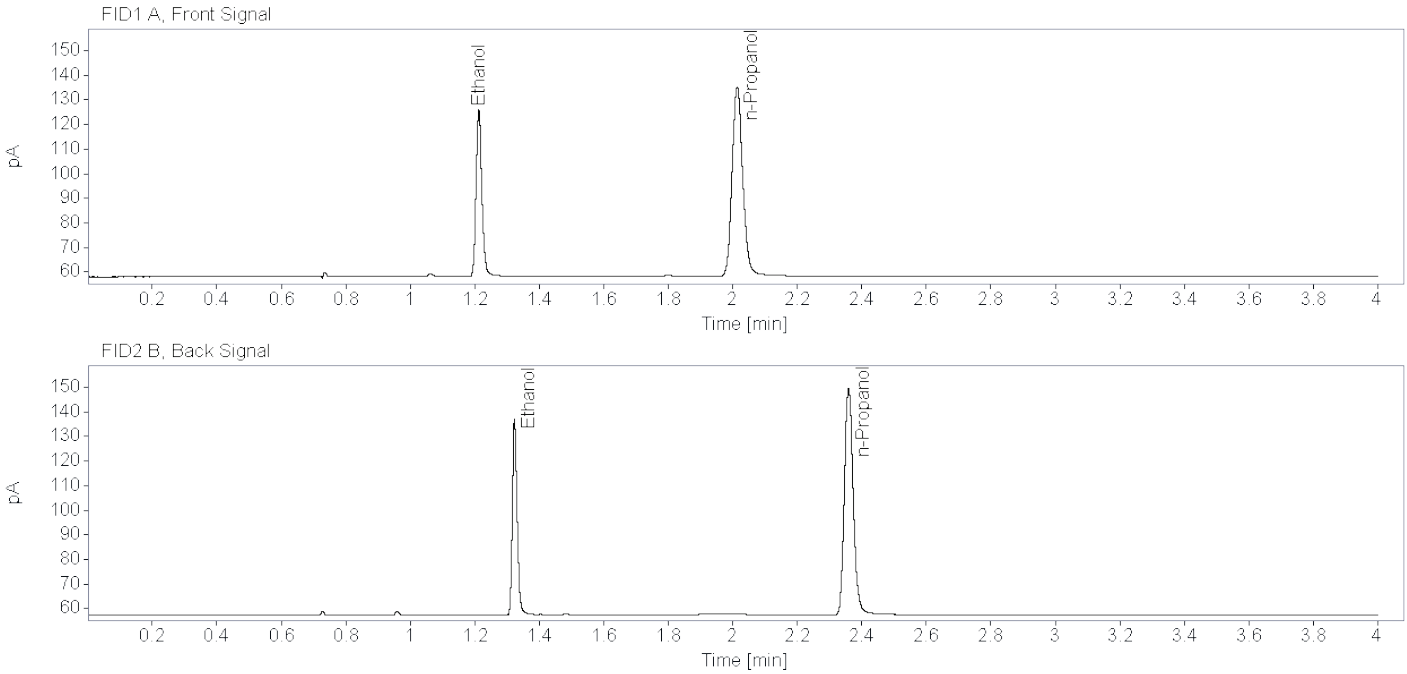
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82596	1.212	1.211	83.1829	0.0835
n-Propanol	0.85850	2.013	2.013	172.6309	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77180	1.322	1.320	81.0412	0.0819
n-Propanol	0.84552	2.357	2.357	173.4290	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 1E (24-1630) **Description:** Alq 1 **Sample Barcode** 24-1630 **Vial Number:** 40
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 2:59:51 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\040F4001.D



Name FID1A

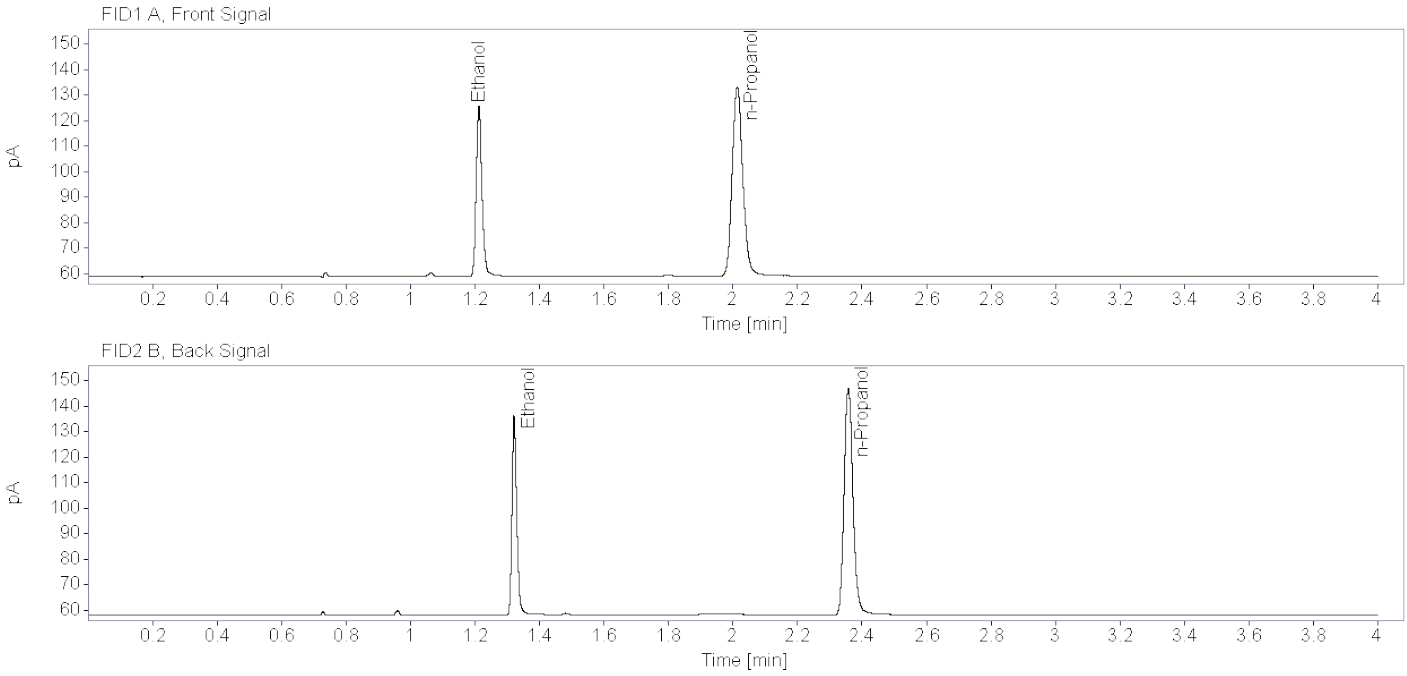
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83150	1.213	1.211	84.6480	0.0844
n-Propanol	0.85837	2.014	2.013	173.9209	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78739	1.323	1.320	82.6978	0.0831
n-Propanol	0.84236	2.359	2.357	174.4788	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 2A (24-1632) **Description:** Alq 2 **Sample Barcode** 24-1632 **Vial Number:** 42
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 3:10:15 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\042F4201.D



Name FID1A

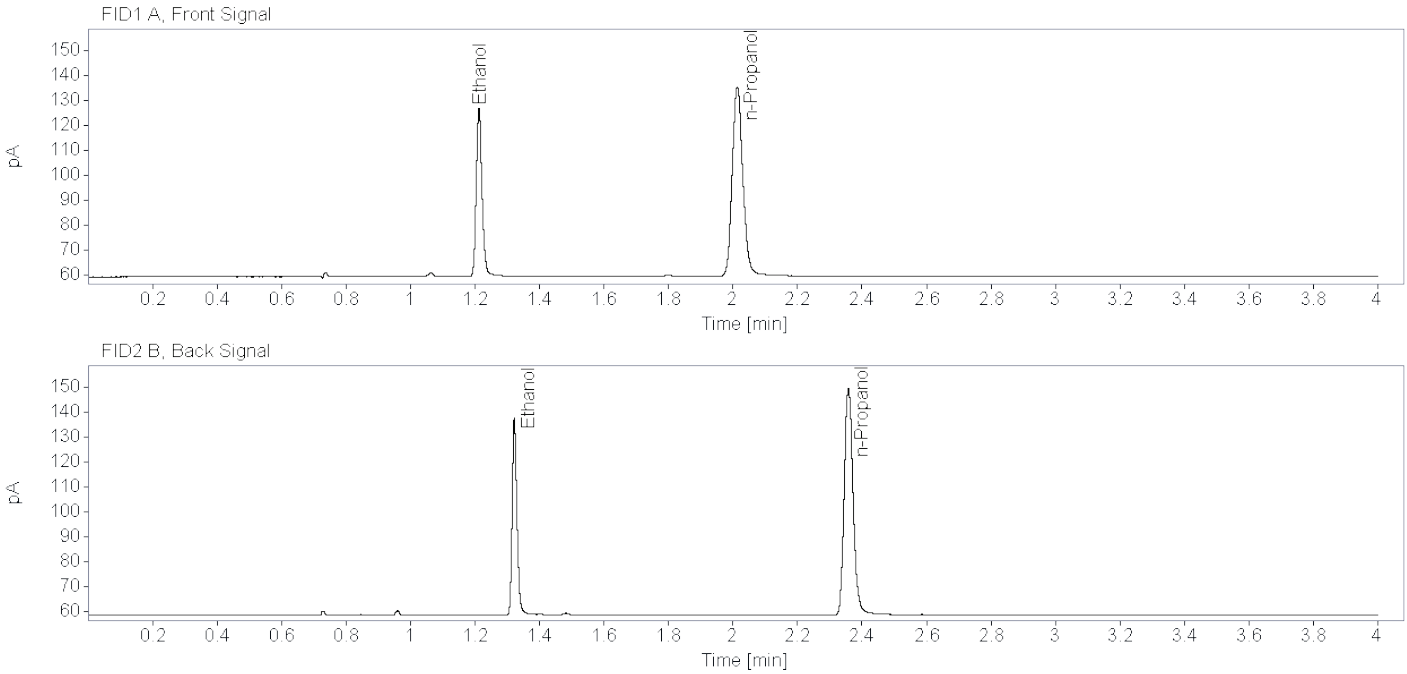
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82815	1.212	1.211	82.9916	0.0859
n-Propanol	0.84982	2.013	2.013	167.4698	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78651	1.321	1.320	81.3162	0.0844
n-Propanol	0.84613	2.357	2.357	168.9011	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 2B (24-1633) **Description:** Alq 2 **Sample Barcode** 24-1633 **Vial Number:** 43
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 3:15:56 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\043F4301.D



Name FID1A

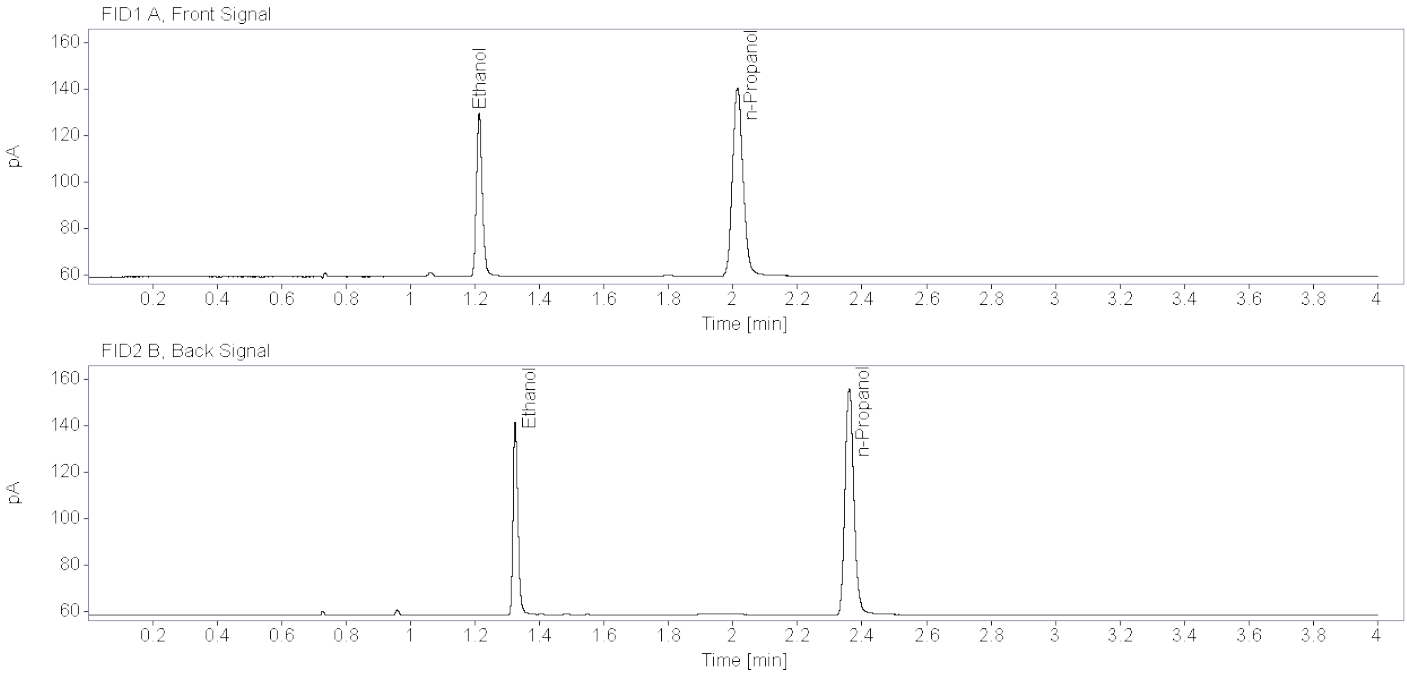
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82930	1.212	1.211	83.7760	0.0848
n-Propanol	0.85377	2.013	2.013	171.1908	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77339	1.322	1.320	81.9297	0.0832
n-Propanol	0.83974	2.358	2.357	172.5013	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 2C (24-1634) **Description:** Alq 2 **Sample Barcode** 24-1634 **Vial Number:** 44
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 3:20:39 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\044F4401.D



Name FID1A

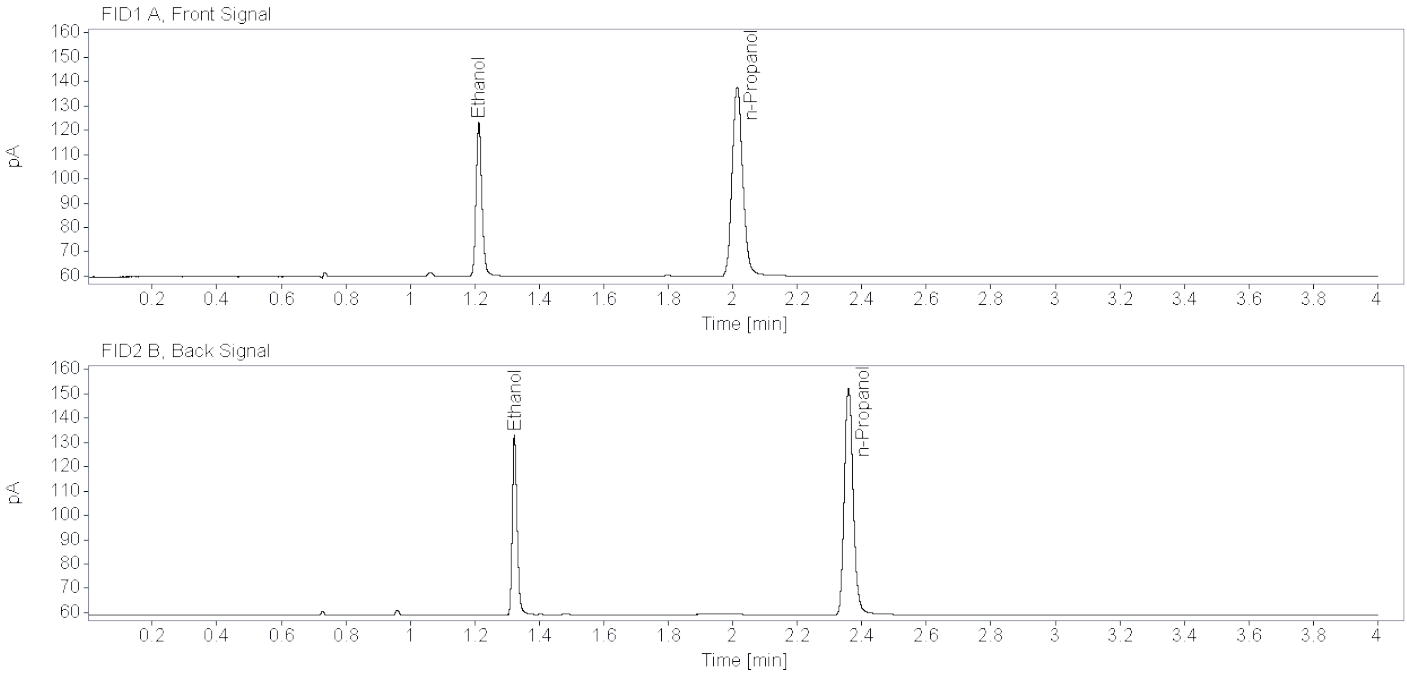
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82155	1.213	1.211	88.7849	0.0842
n-Propanol	0.85017	2.014	2.013	182.8572	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78982	1.325	1.320	86.7674	0.0819
n-Propanol	0.84669	2.360	2.357	185.8012	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 2D (24-1635) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 45
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 3:26:22 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\045F4501.D



Name FID1A

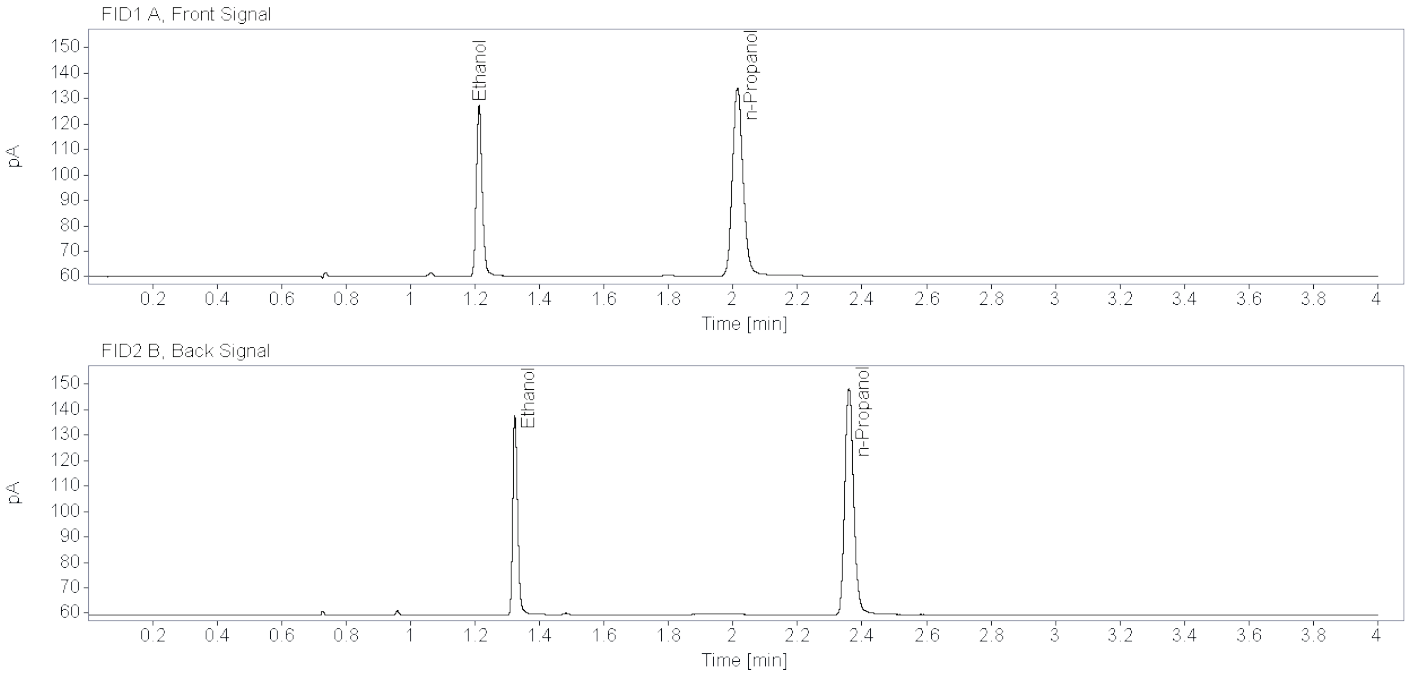
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84099	1.213	1.211	79.3508	0.0783
n-Propanol	0.85781	2.014	2.013	175.9444	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77999	1.323	1.320	76.7119	0.0760
n-Propanol	0.84618	2.359	2.357	177.0567	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 2E (24-1636) **Description:** Alq 2 **Sample Barcode** 24-1636 **Vial Number:** 46
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 3:31:03 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83056	1.213	1.211	84.2679	0.0876
n-Propanol	0.84671	2.014	2.013	166.6892	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80434	1.324	1.320	81.8943	0.0848
n-Propanol	0.83290	2.360	2.357	169.2087	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1155 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2587	Aliquot 1:	0.2564
	Aliquot 2:	0.2706	Aliquot 2:	0.2694

Reported Result: **0.263** **g/100 mL**

Reported UM: **0.038** **g/100 mL**

7/23/2024 mh

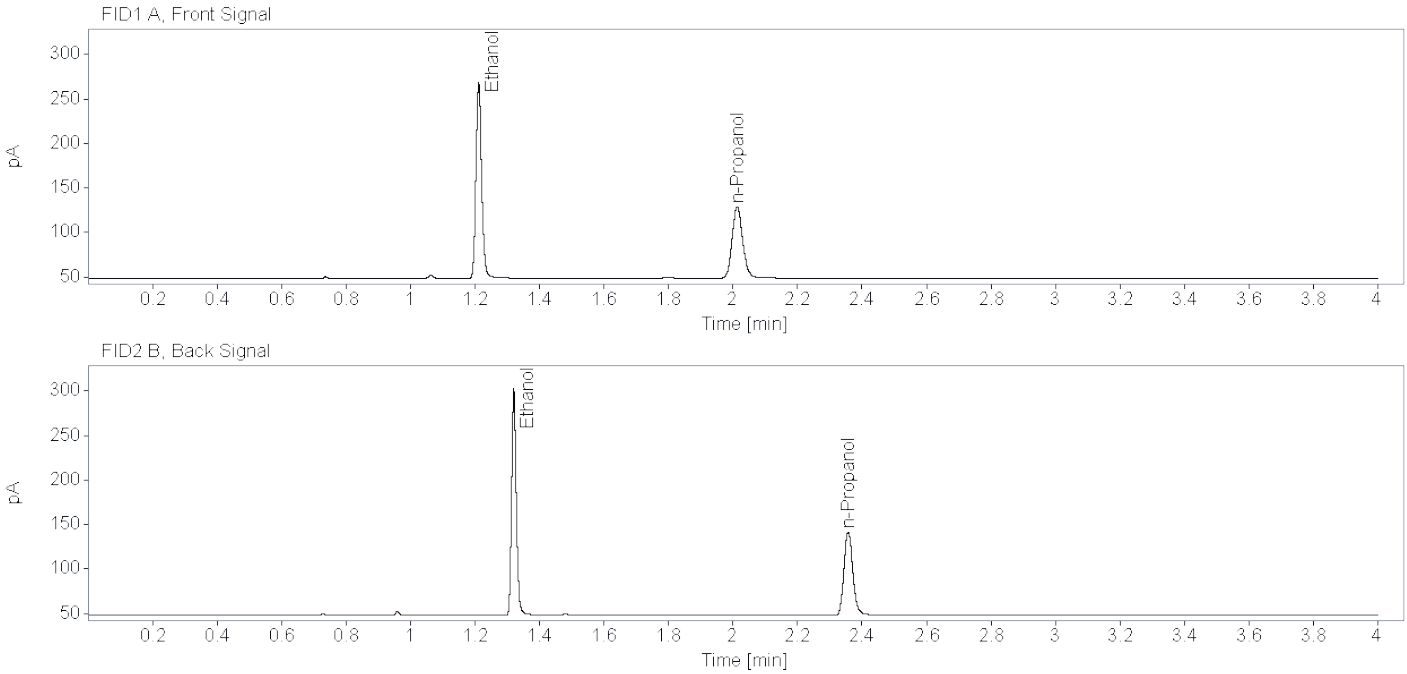
Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Previously analyzed in BAC_20240620_MH 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1155 001 (24-1602) **Description:** Alq 1 **Sample Barcode** 24-1602 **Vial Number:** 12
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 12:34:15 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\012F1201.D



Name FID1A

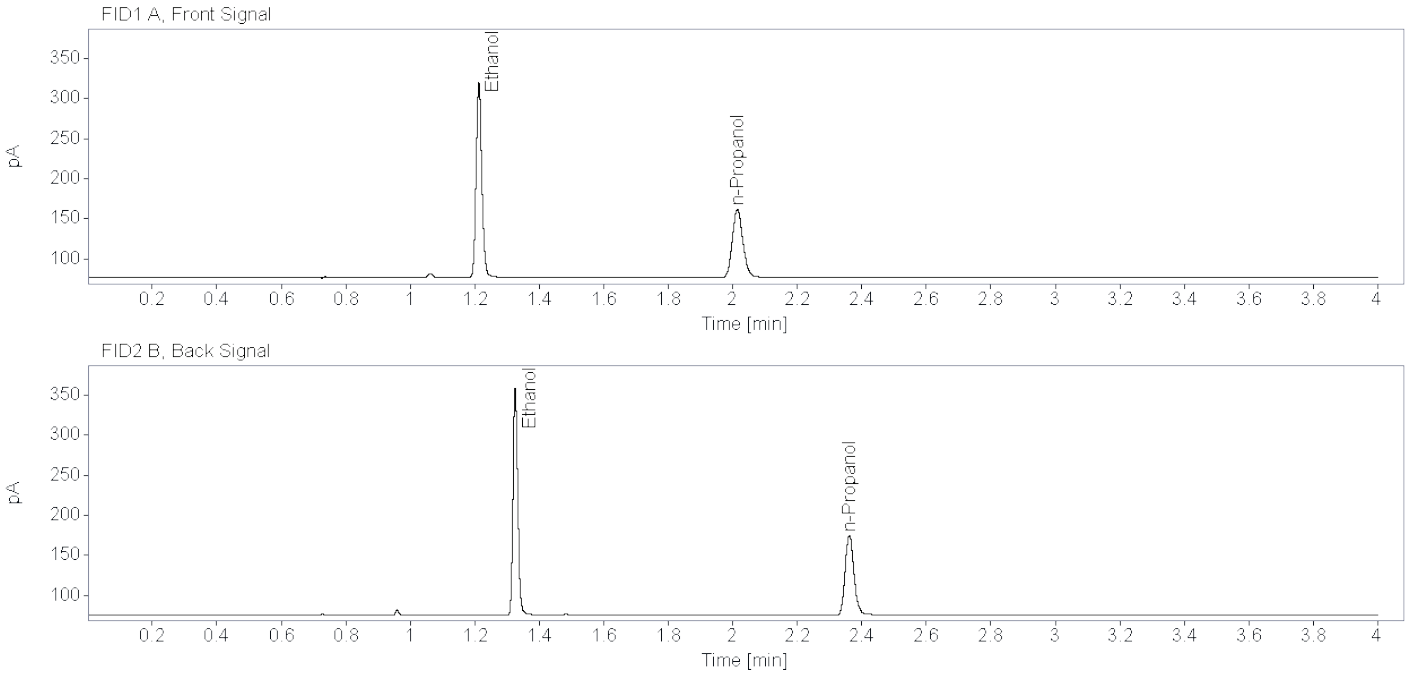
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84560	1.211	1.211	271.8109	0.2587
n-Propanol	0.85732	2.013	2.013	180.6358	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83282	1.320	1.320	262.9087	0.2564
n-Propanol	0.84014	2.357	2.357	178.3134	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1155 001 (24-1660) **Description:** Alq 2 **Sample Barcode** 24-1660 **Vial Number:** 70
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/17/2024 11:19:08 AM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH2 2024-07-17 11-04-30\070F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86436	1.213	1.211	301.6180	0.2706
n-Propanol	0.84950	2.014	2.013	191.6293	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84817	1.326	1.320	292.7383	0.2694
n-Propanol	0.84975	2.361	2.357	188.9321	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1181 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol	FID1		FID2	
Aliquot 1:	0.0542	Aliquot 1:	0.0538	
Aliquot 2:		Aliquot 2:		

Reported Result: **0.054** **g/100 mL**

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

7/23/2024 mh

Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

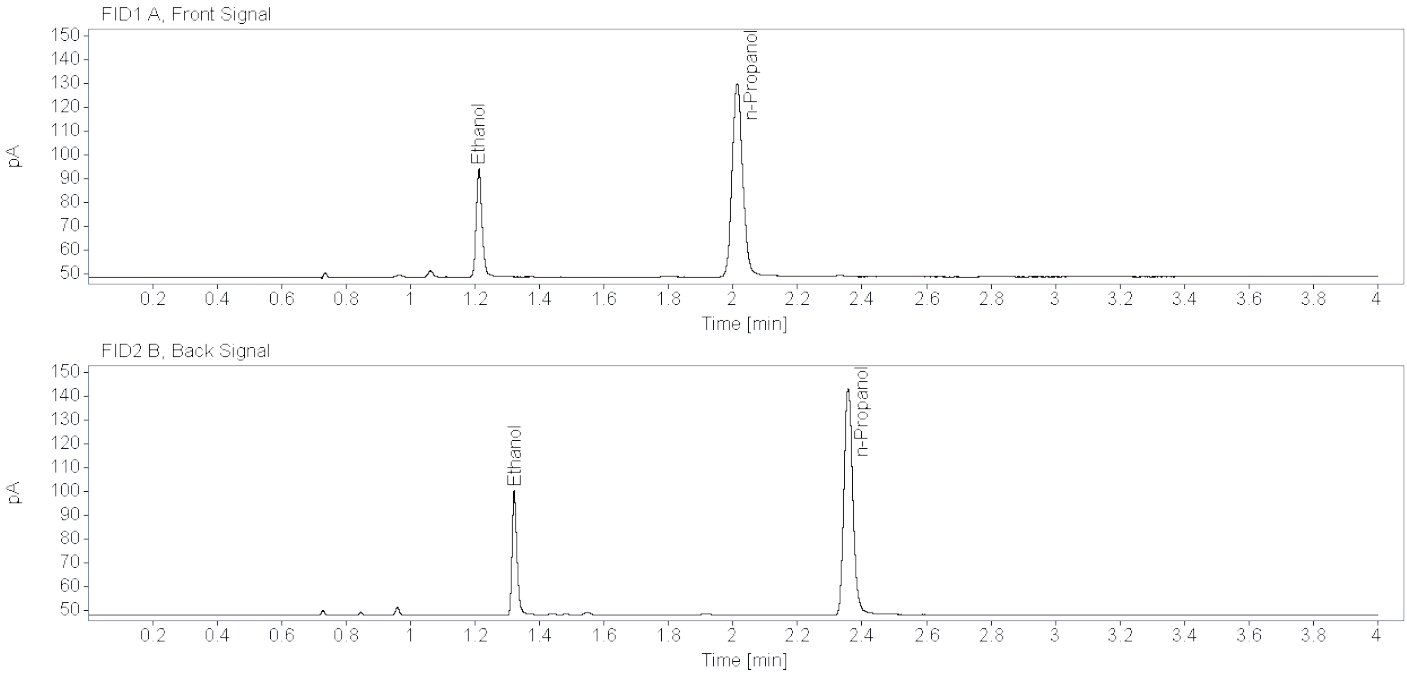
Previously analyzed in BAC_20240620_MH 7/24/2024 mh

Aliquot 2 data not collected due to run stopping. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1181 001 (24-1603) **Description:** Alq 1 **Sample Barcode** 24-1603 **Vial Number:** 13
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 12:39:56 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\013F1301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82976	1.212	1.211	56.7622	0.0542
n-Propanol	0.86010	2.013	2.013	182.9288	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75007	1.322	1.320	55.1899	0.0538
n-Propanol	0.84269	2.357	2.357	180.9236	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1210 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol	FID1	FID2
Aliquot 1:	0.2317	0.2297
Aliquot 2:		

Reported Result: 0.230 **g/100 mL**

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

7/23/2024 mh

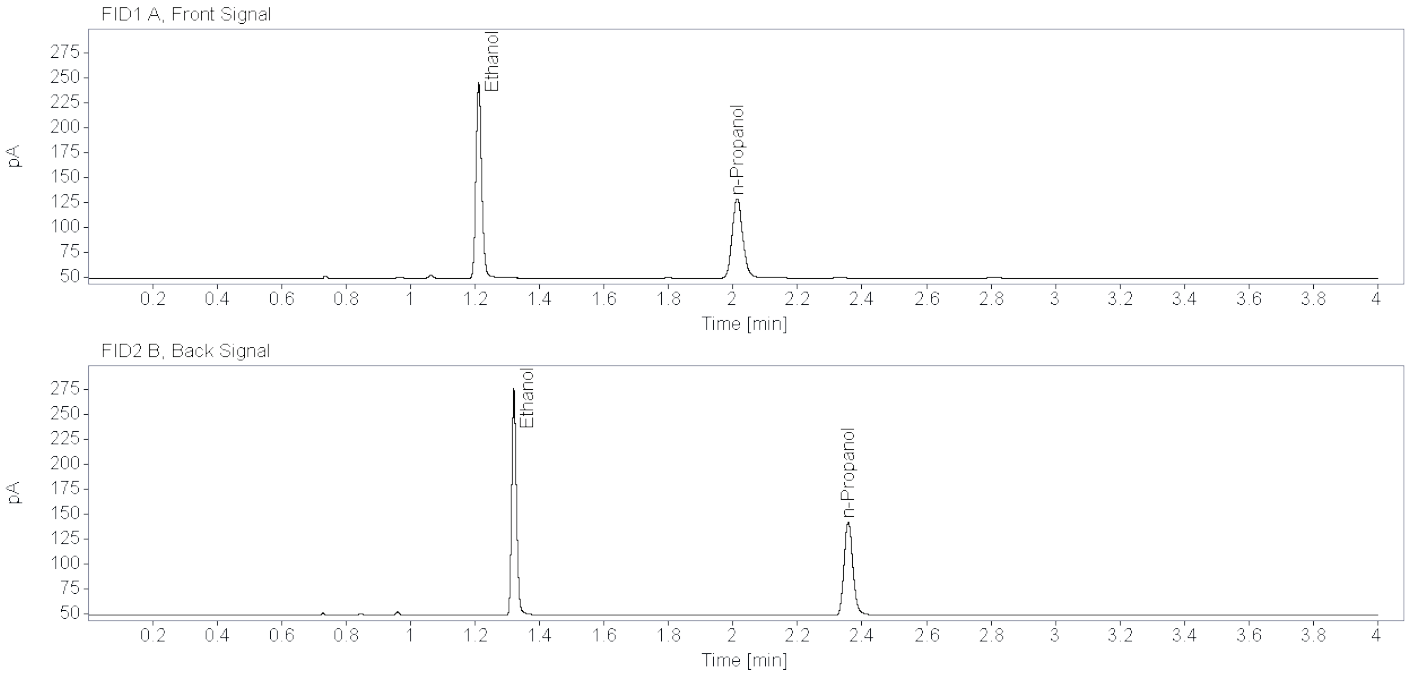
Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Aliquot 2 data not collected due to run stopping. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1210 001 (24-1604) **Description:** Alq 1 **Sample Barcode** 24-1604 **Vial Number:** 14
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 12:44:39 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\014F1401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84364	1.211	1.211	241.5611	0.2317
n-Propanol	0.86037	2.013	2.013	179.3546	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83172	1.321	1.320	234.4205	0.2297
n-Propanol	0.84327	2.357	2.357	177.5572	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1211 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1950	Aliquot 1:	0.1935
	Aliquot 2:	0.1946	Aliquot 2:	0.0009

Reported Result: **0.146** **g/100 mL**

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

7/23/2024 mh

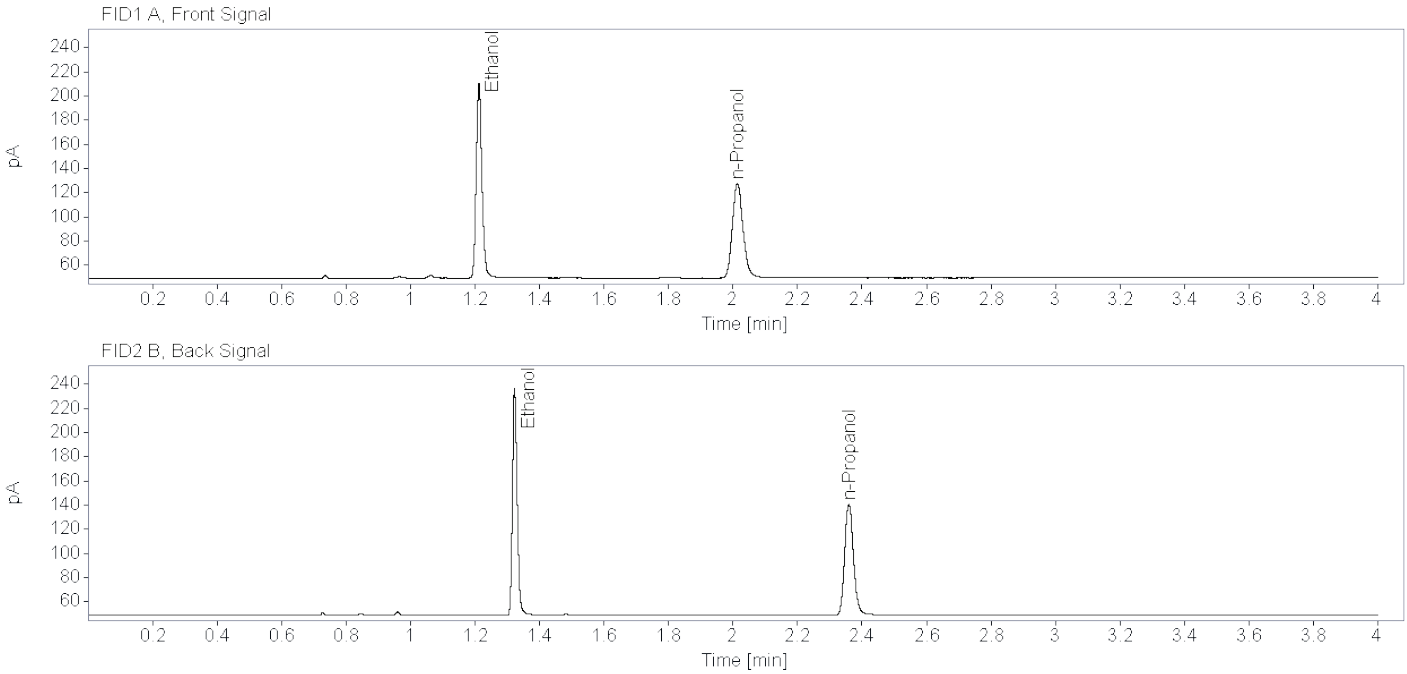
Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Aliquot 2 data not valid due to run stopping. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1211 001 (24-1605) **Description:** Alq 1 **Sample Barcode** 24-1605 **Vial Number:** 15
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 12:50:21 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\015F1501.D



Name FID1A

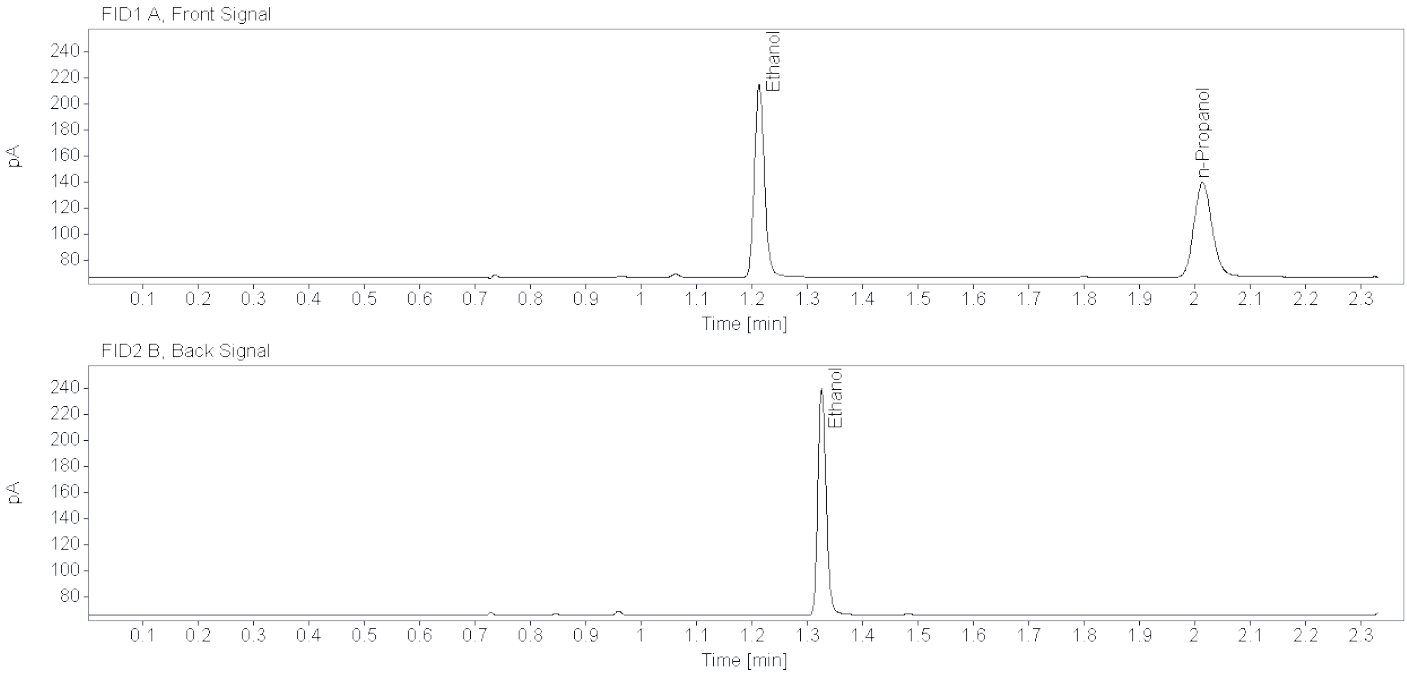
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84569	1.212	1.211	199.0738	0.1950
n-Propanol	0.85025	2.014	2.013	175.7499	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81038	1.323	1.320	193.7700	0.1935
n-Propanol	0.83245	2.359	2.357	174.3468	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1211 001 (24-1657) **Description:** Alq 2 **Sample Barcode** 24-1657 **Vial Number:** 67
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 5:20:45 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\067F6701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85169	1.213	1.211	185.8482	0.1946
n-Propanol	0.84813	2.015	2.013	164.4510	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83446	1.326	1.320	182.5003	0.0009

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1222 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1402	Aliquot 1:	0.1383
	Aliquot 2:	0.1475	Aliquot 2:	0.1419

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

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

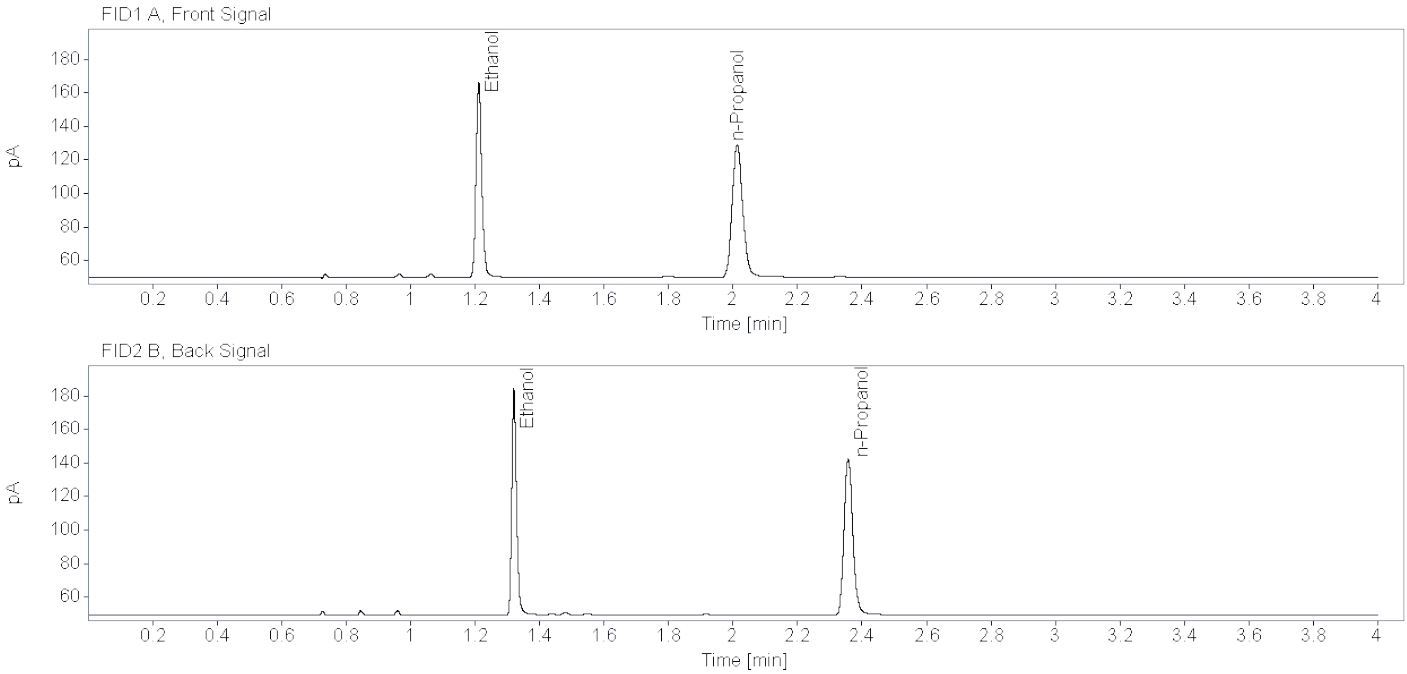
7/23/2024 mh

Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1222 001 (24-1606) **Description:** Alq 1 **Sample Barcode** 24-1606 **Vial Number:** 16
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 12:55:03 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\016F1601.D



Name FID1A

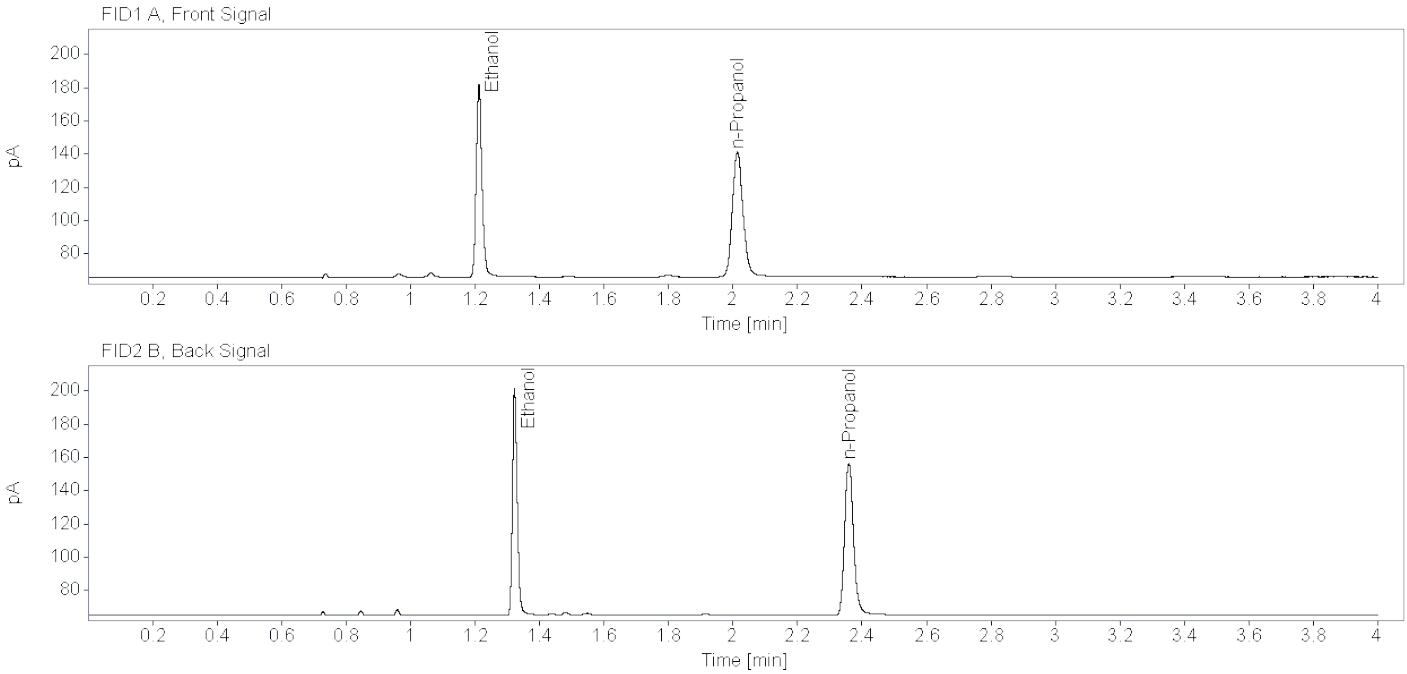
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84094	1.212	1.211	144.4968	0.1402
n-Propanol	0.86089	2.013	2.013	177.8113	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78330	1.321	1.320	140.1435	0.1383
n-Propanol	0.83998	2.357	2.357	176.7859	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1222 001 (24-1656) **Description:** Alq 2 **Sample Barcode** 24-1656 **Vial Number:** 66
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 5:15:03 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\066F6601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83490	1.212	1.211	143.7130	0.1475
n-Propanol	0.84606	2.014	2.013	168.0086	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79946	1.323	1.320	141.3996	0.1419
n-Propanol	0.82210	2.359	2.357	173.8074	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1223 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3541	Aliquot 1:	0.3502
	Aliquot 2:	0.3683	Aliquot 2:	0.3524

Reported Result: 0.356 **g/100 mL**

Reported UM: 0.051 **g/100 mL**

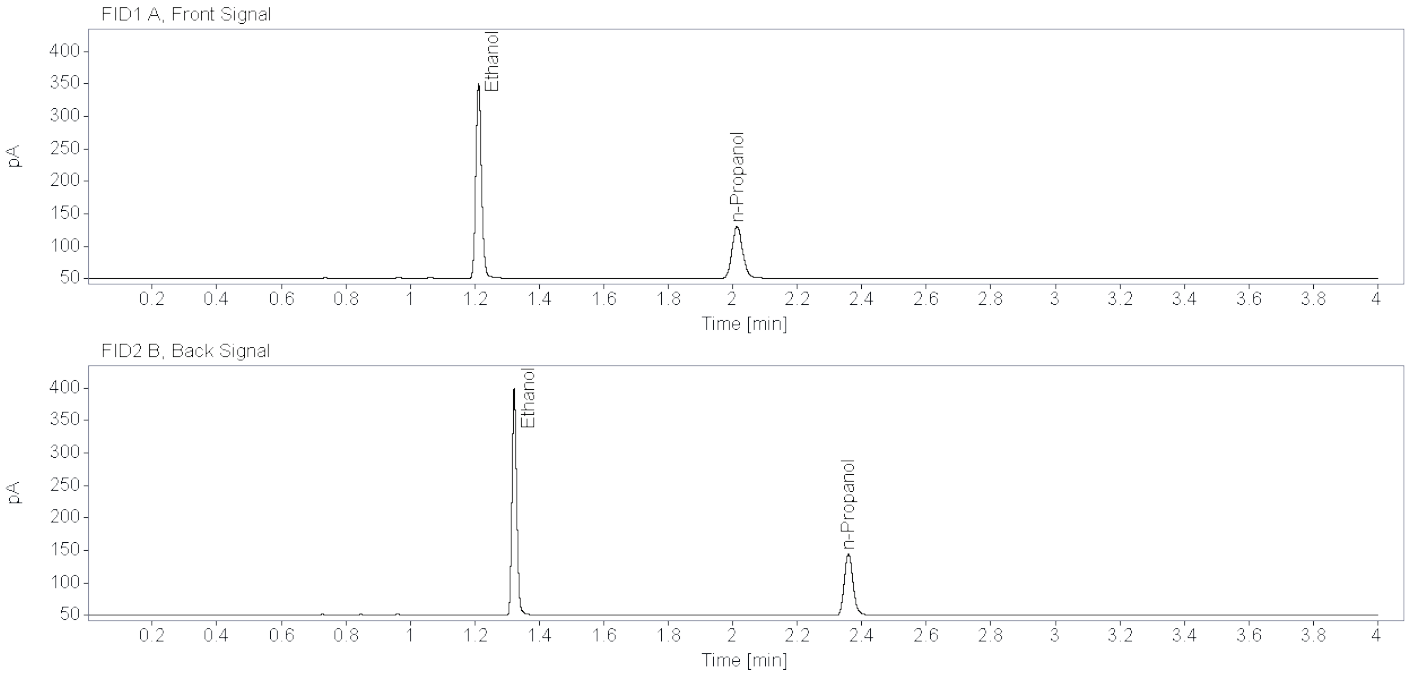
7/23/2024 mh

Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1223 001 (24-1607) **Description:** Alq 1 **Sample Barcode** 24-1607 **Vial Number:** 17
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 1:00:44 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\017F1701.D



Name FID1A

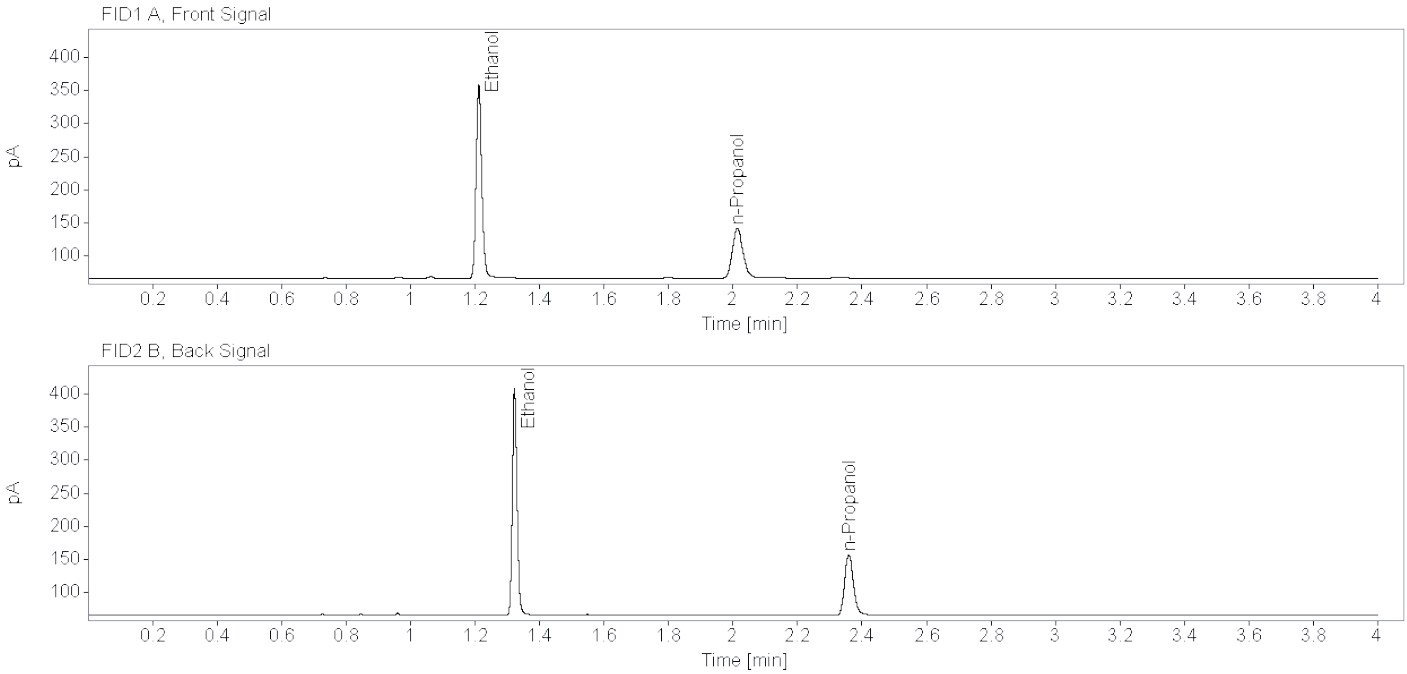
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85935	1.212	1.211	370.0779	0.3541
n-Propanol	0.86018	2.013	2.013	179.5432	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84788	1.322	1.320	358.5461	0.3502
n-Propanol	0.84228	2.359	2.357	177.8897	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1223 001 (24-1655) **Description:** Alq 2 **Sample Barcode** 24-1655 **Vial Number:** 65
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 5:10:20 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\065F6501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85256	1.212	1.211	361.6619	0.3683
n-Propanol	0.84726	2.014	2.013	168.6340	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84292	1.323	1.320	353.8041	0.3524
n-Propanol	0.82310	2.359	2.357	174.4102	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1224 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2586	Aliquot 1:	0.2562
	Aliquot 2:	0.2632	Aliquot 2:	0.2518

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

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

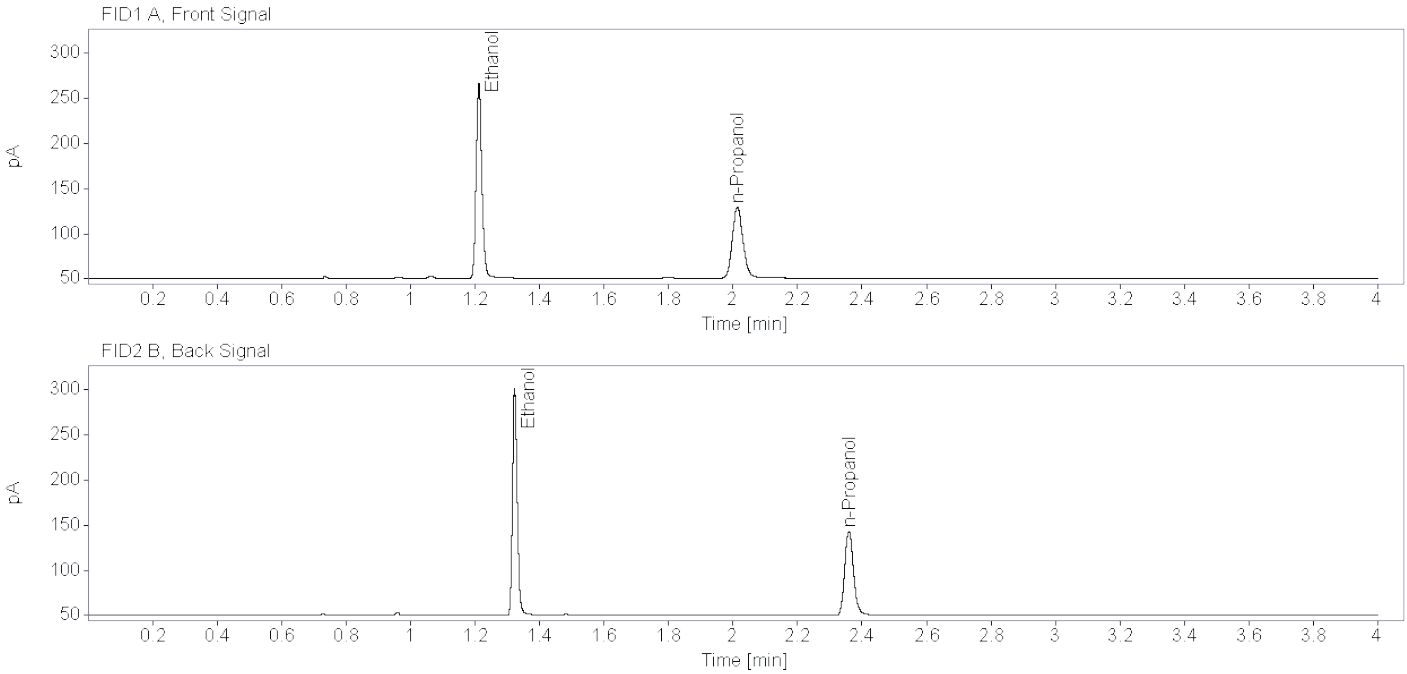
7/23/2024 mh

Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1224 001 (24-1608) **Description:** Alq 1 **Sample Barcode** 24-1608 **Vial Number:** 18
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 1:05:28 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\018F1801.D



Name FID1A

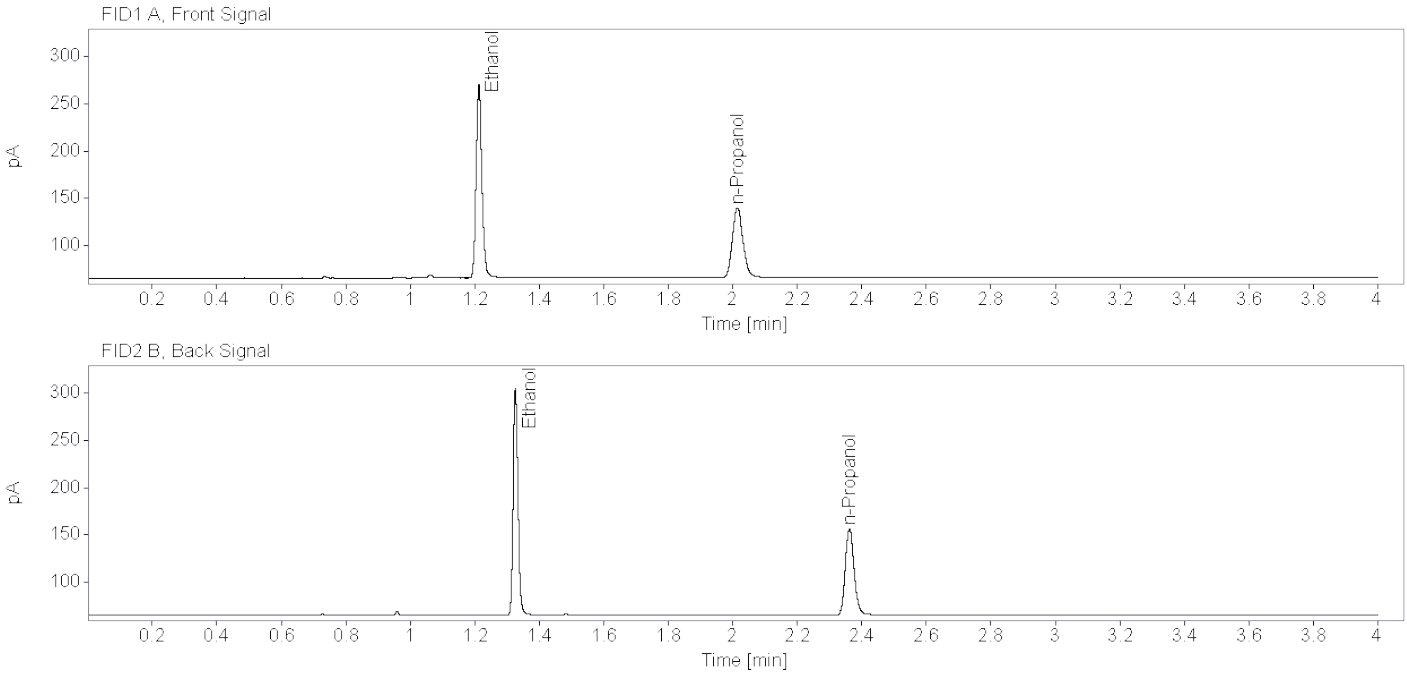
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85389	1.212	1.211	267.3003	0.2586
n-Propanol	0.84527	2.014	2.013	177.7397	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83198	1.323	1.320	259.4774	0.2562
n-Propanol	0.83841	2.359	2.357	176.1388	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1224 001 (24-1654) **Description:** Alq 2 **Sample Barcode** 24-1654 **Vial Number:** 64
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 5:04:39 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\064F6401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85514	1.213	1.211	256.1609	0.2632
n-Propanol	0.84281	2.014	2.013	167.3107	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84774	1.326	1.320	251.3640	0.2518
n-Propanol	0.83619	2.362	2.357	173.6323	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1233 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2775	Aliquot 1:	0.2754
	Aliquot 2:	0.2844	Aliquot 2:	0.2739

Reported Result: **0.277** **g/100 mL**

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

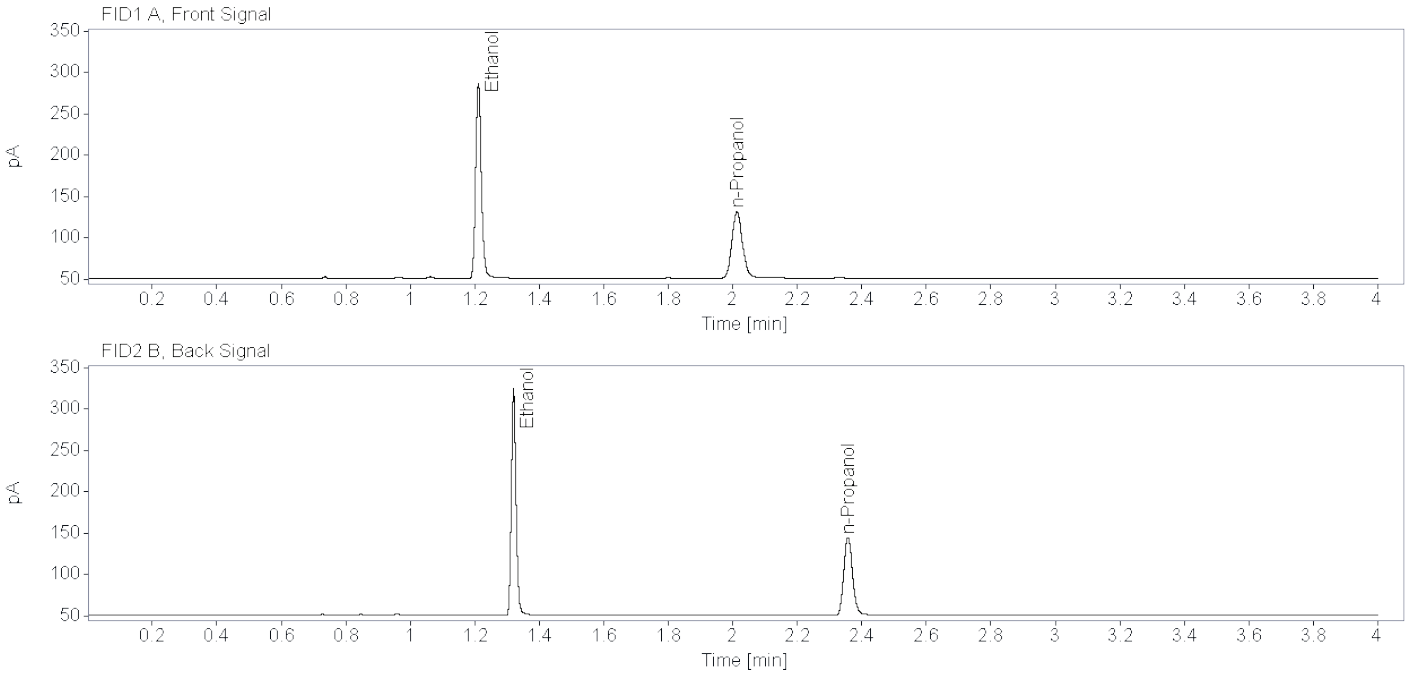
7/23/2024 mh

Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1233 001 (24-1609) **Description:** Alq 1 **Sample Barcode** 24-1609 **Vial Number:** 19
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 1:11:08 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\019F1901.D



Name FID1A

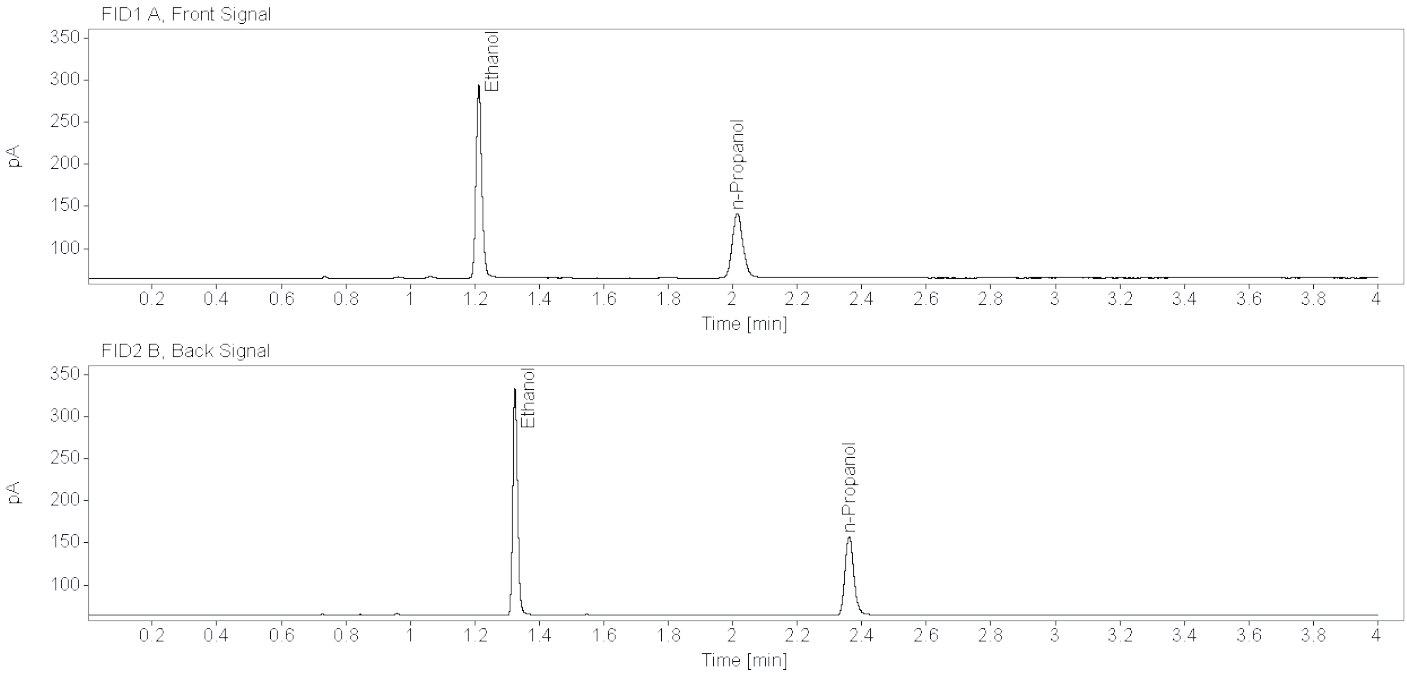
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84193	1.211	1.211	291.0693	0.2775
n-Propanol	0.85743	2.013	2.013	180.2988	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82733	1.320	1.320	283.1140	0.2754
n-Propanol	0.83595	2.357	2.357	178.7507	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1233 001 (24-1652) **Description:** Alq 2 **Sample Barcode** 24-1652 **Vial Number:** 62
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 4:54:15 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\062F6201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85957	1.213	1.211	285.8625	0.2844
n-Propanol	0.84487	2.014	2.013	172.7702	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84739	1.325	1.320	279.4843	0.2739
n-Propanol	0.83799	2.361	2.357	177.4123	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1234 003

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0781	Aliquot 1:	0.0768
	Aliquot 2:	0.0788	Aliquot 2:	0.0762

Reported Result: **0.077** **g/100 mL**

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

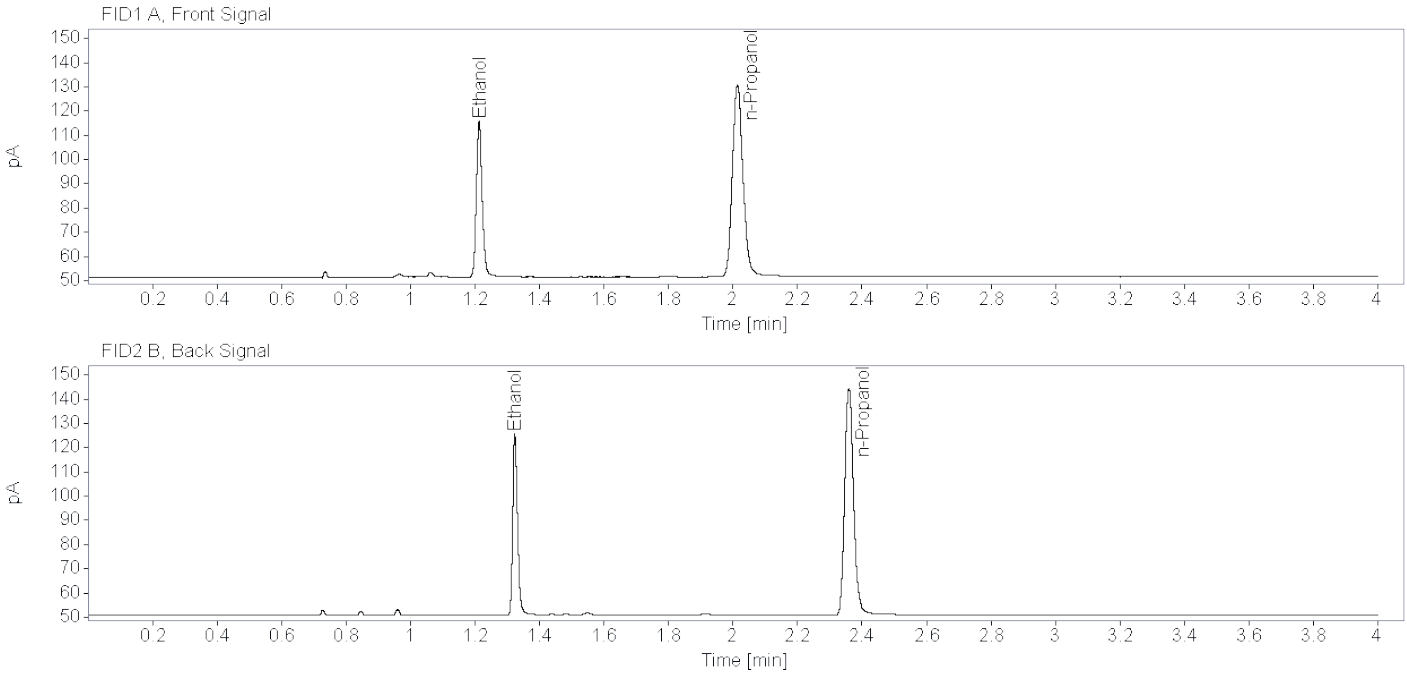
7/23/2024 mh

Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1234 003 (24-1610) **Description:** Alq 1 **Sample Barcode** 24-1610 **Vial Number:** 20
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 1:15:51 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\020F2001.D



Name FID1A

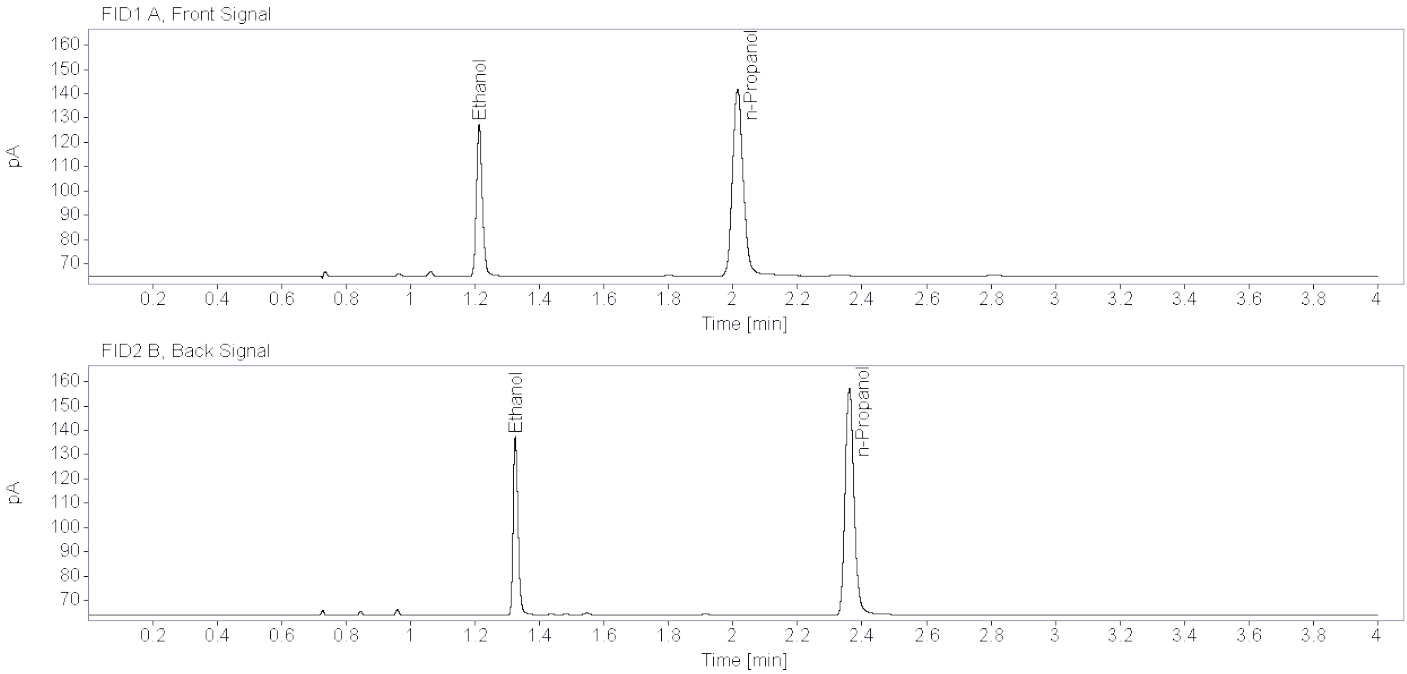
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82822	1.213	1.211	80.5492	0.0781
n-Propanol	0.84703	2.014	2.013	178.8682	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79495	1.324	1.320	77.9436	0.0768
n-Propanol	0.83319	2.359	2.357	177.9661	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1234 003 (24-1651) **Description:** Alq 2 **Sample Barcode** 24-1651 **Vial Number:** 61
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 4:49:33 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\061F6101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84100	1.213	1.211	79.0153	0.0788
n-Propanol	0.84707	2.014	2.013	173.9368	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79791	1.325	1.320	77.3549	0.0762
n-Propanol	0.84187	2.361	2.357	178.1353	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1237 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: none detected

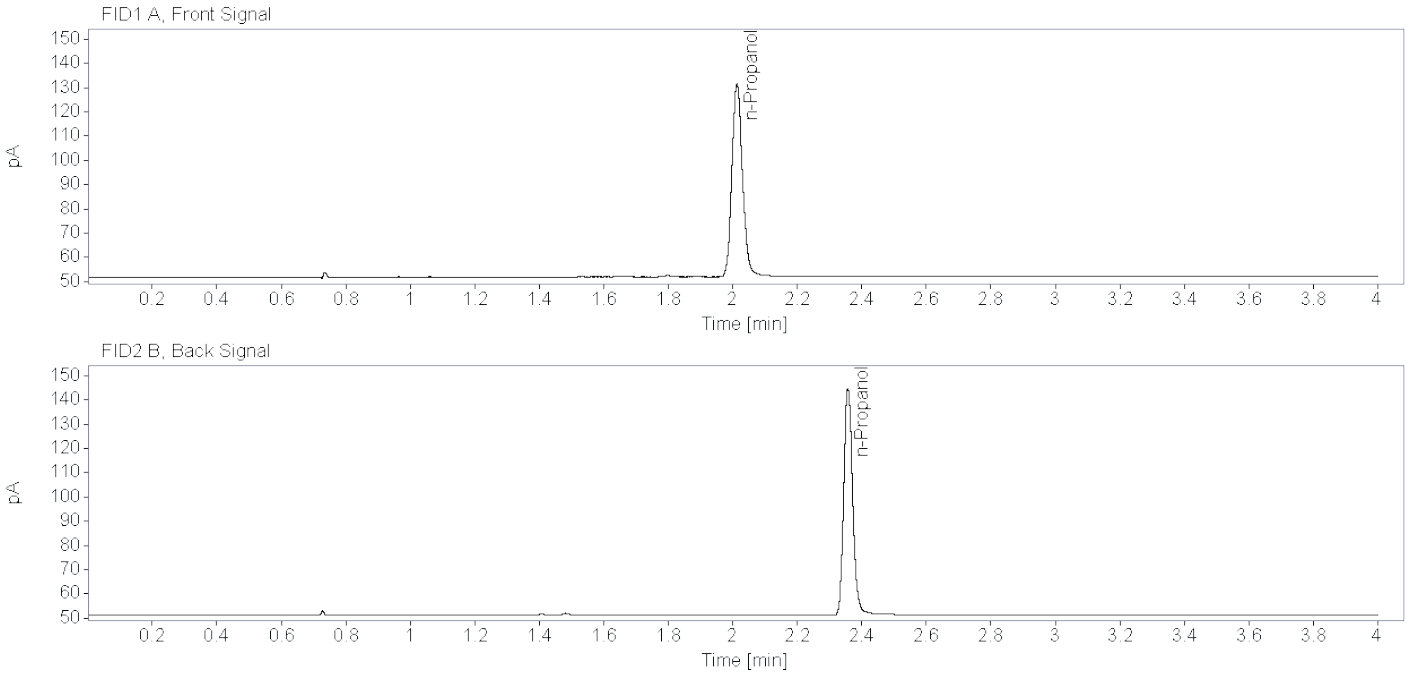
Reported UM: _____

Comments: Although multiple control failures and steadily increasing output on the instrument occurred in this batch, this sample will not be repeated because sample is negative. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1237 001 (24-1611) **Description:** Alq 1 **Sample Barcode** 24-1611 **Vial Number:** 21
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 1:21:32 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\021F2101.D



Name FID1A

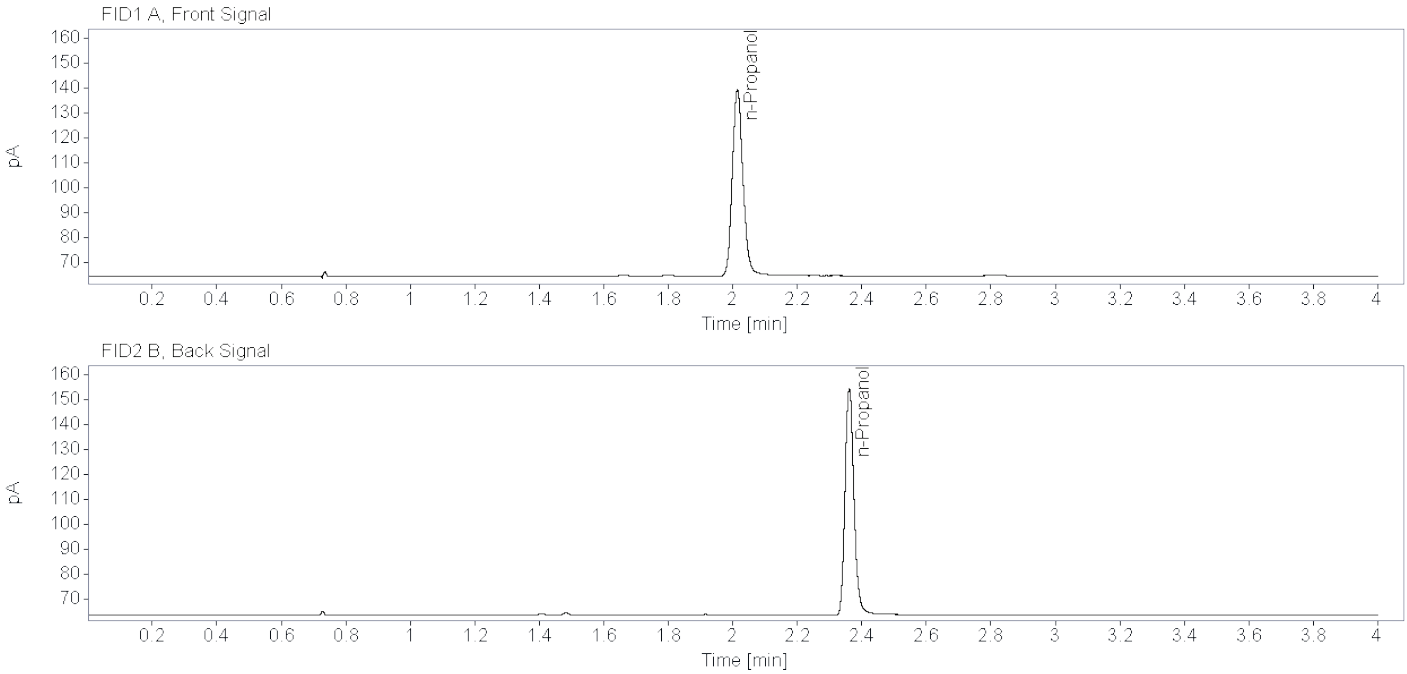
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85612	2.013	2.013	179.4651	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83327	2.357	2.357	178.0818	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1237 001 (24-1650) **Description:** Alq 2 **Sample Barcode** 24-1650 **Vial Number:** 60
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 4:43:51 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\060F6001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84389	2.014	2.013	168.8613	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84090	2.361	2.357	173.0737	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1248 001

Batch Name: BAC_20240716_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:	0.0950	Aliquot 2:	0.0917

Reported Result: **0.096** **g/100 mL**

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

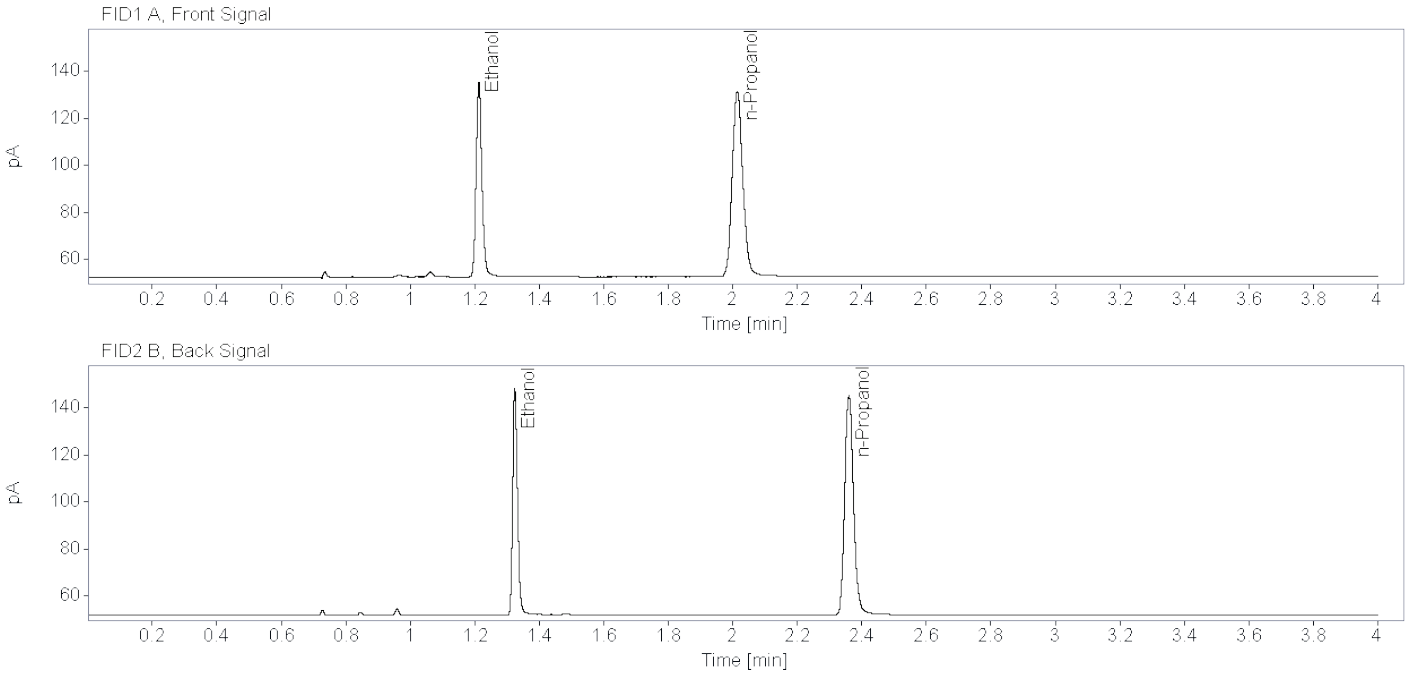
7/23/2024 mh

Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1248 001 (24-1613) **Description:** Alq 1 **Sample Barcode** 24-1613 **Vial Number:** 23
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 1:31:56 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\023F2301.D



Name FID1A

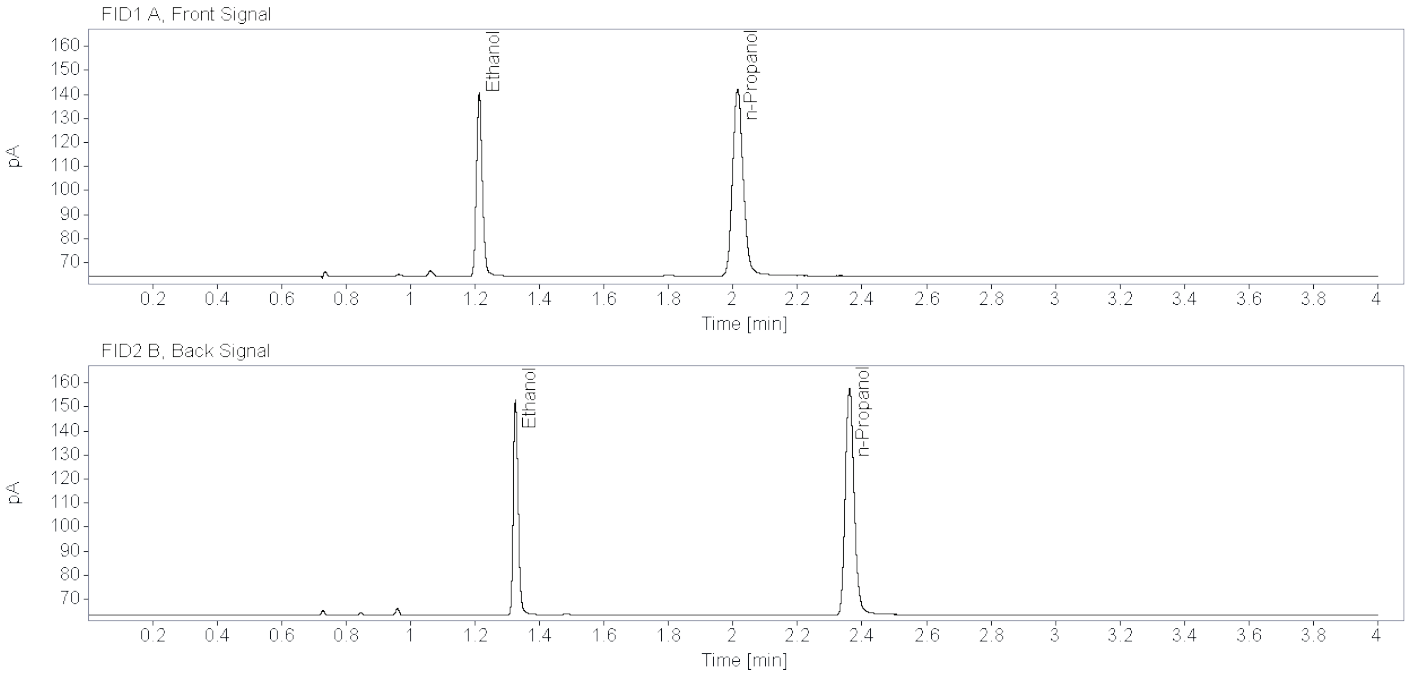
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84648	1.213	1.211	103.4190	0.1010
n-Propanol	0.85447	2.014	2.013	177.2304	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81562	1.325	1.320	100.4439	0.0995
n-Propanol	0.83791	2.360	2.357	176.5815	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1248 001 (24-1649) **Description:** Alq 2 **Sample Barcode** 24-1649 **Vial Number:** 59
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 4:39:08 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\059F5901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84784	1.213	1.211	96.3770	0.0950
n-Propanol	0.84533	2.014	2.013	175.5966	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80388	1.326	1.320	93.6928	0.0917
n-Propanol	0.84326	2.361	2.357	178.9504	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1249 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1578	Aliquot 1:	0.1558
	Aliquot 2:	0.1639	Aliquot 2:	0.1578

Reported Result: **0.158** **g/100 mL**

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

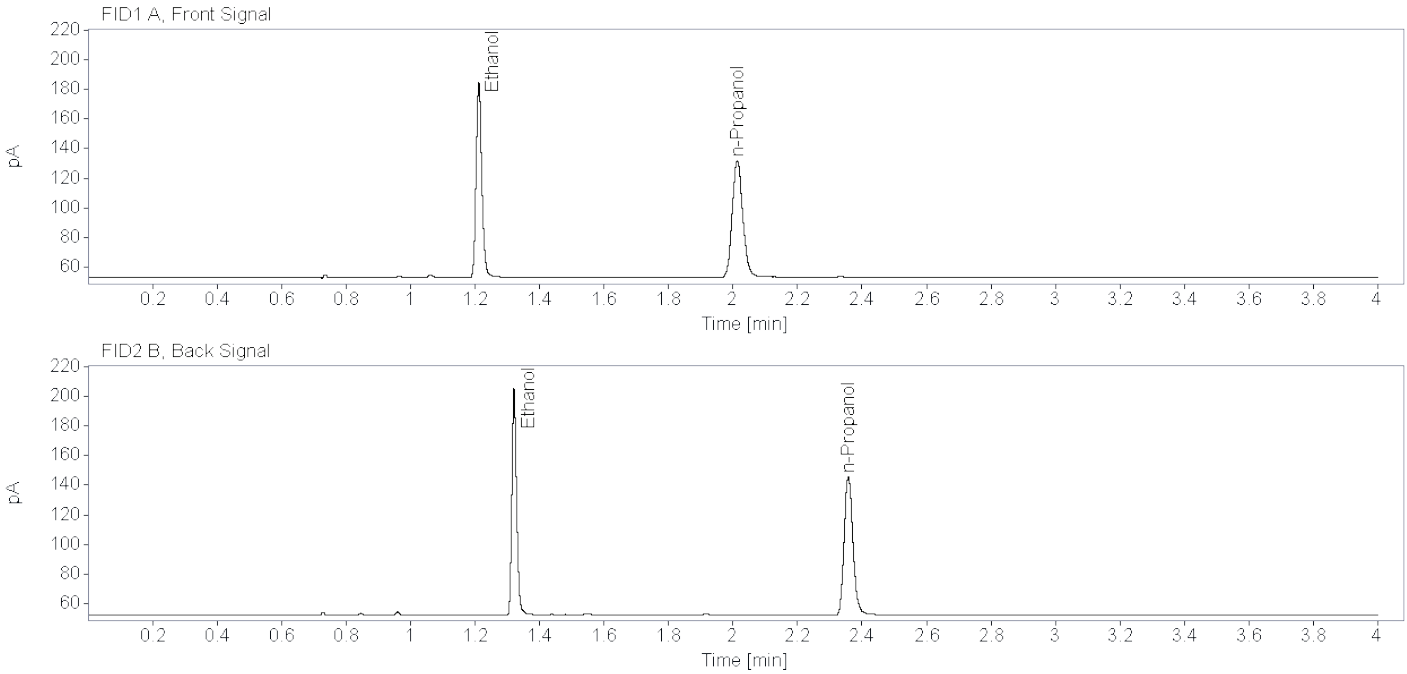
7/23/2024 mh

Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1249 001 (24-1614) **Description:** Alq 1 **Sample Barcode** 24-1614 **Vial Number:** 24
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 1:36:40 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\024F2401.D



Name FID1A

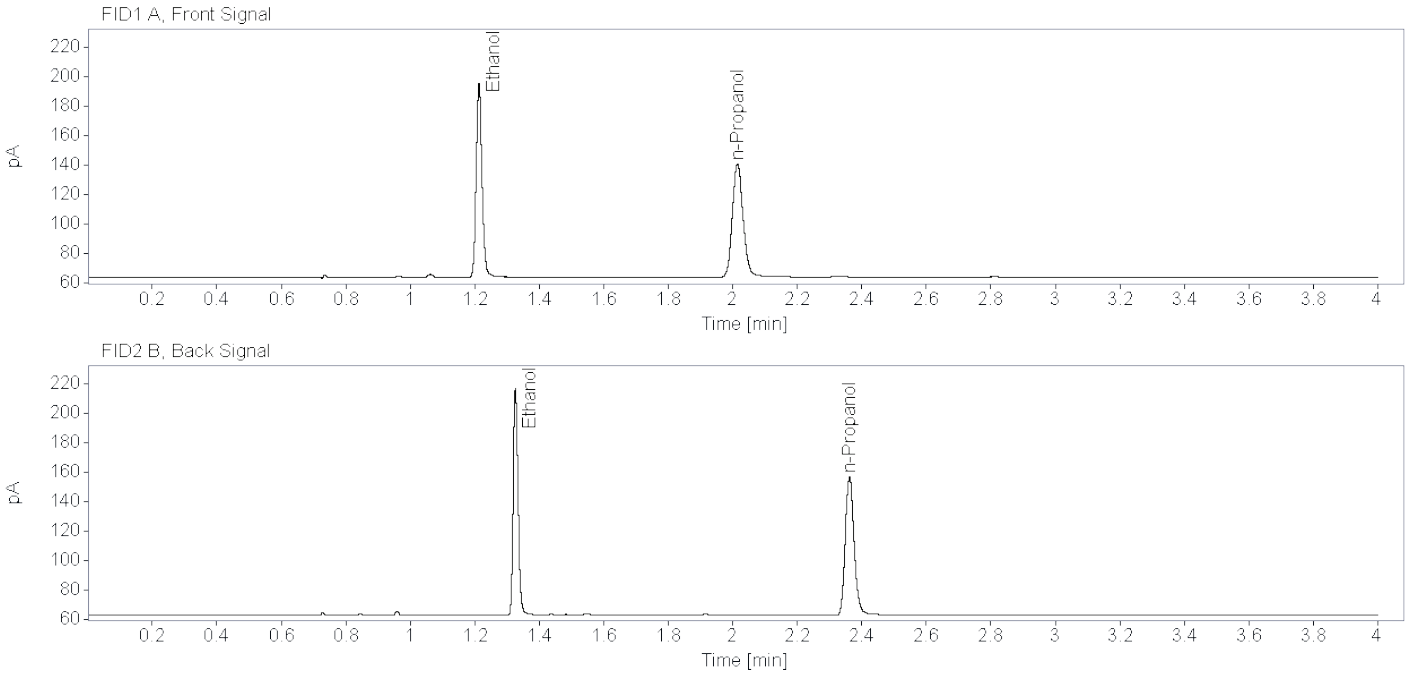
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83354	1.212	1.211	162.5696	0.1578
n-Propanol	0.86520	2.013	2.013	177.6073	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79495	1.321	1.320	158.4988	0.1558
n-Propanol	0.84220	2.357	2.357	177.3549	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1249 001 (24-1648) **Description:** Alq 2 **Sample Barcode** 24-1648 **Vial Number:** 58
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 4:33:28 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85713	1.213	1.211	165.7524	0.1639
n-Propanol	0.84615	2.015	2.013	174.2768	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81096	1.326	1.320	161.3940	0.1578
n-Propanol	0.84082	2.362	2.357	178.2387	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1255 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1444	Aliquot 1:	0.1421
	Aliquot 2:	0.1510	Aliquot 2:	0.1462

Reported Result: **0.145** **g/100 mL**

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

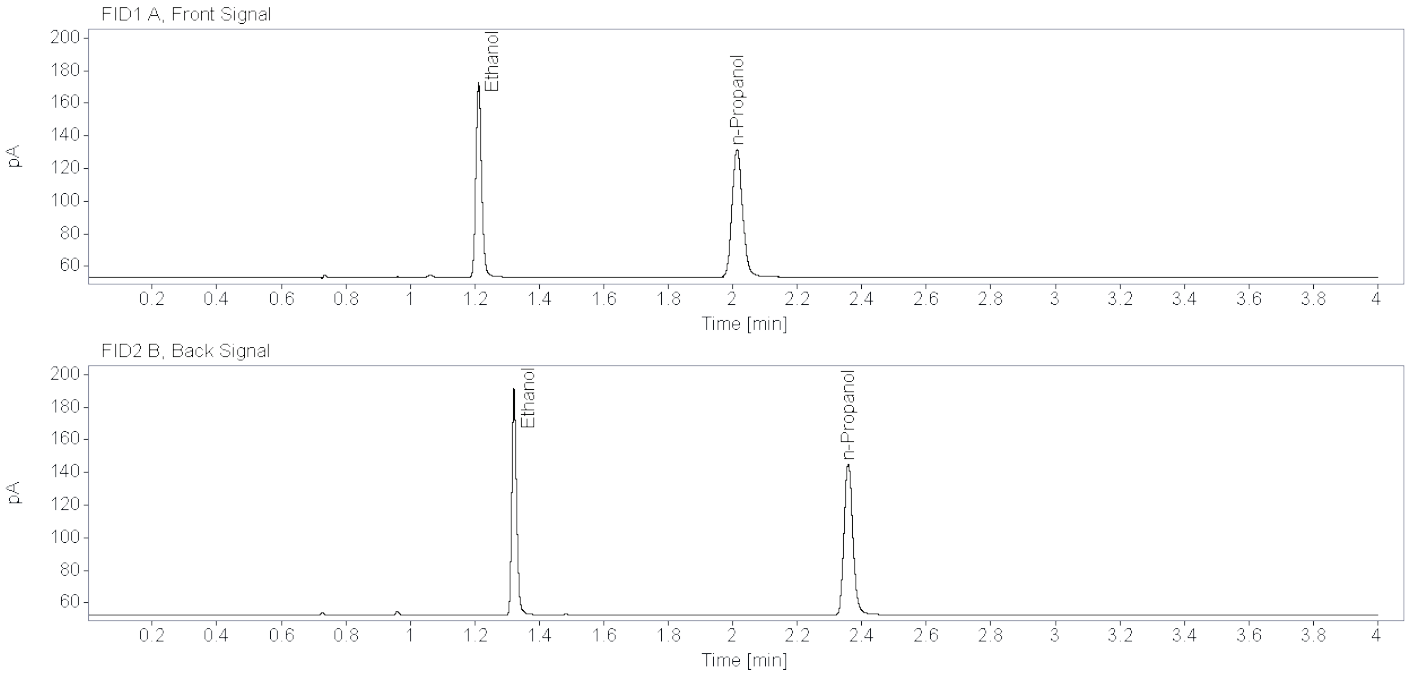
7/23/2024 mh

Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1255 001 (24-1615) **Description:** Alq 1 **Sample Barcode** 24-1615 **Vial Number:** 25
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 1:42:20 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\025F2501.D



Name FID1A

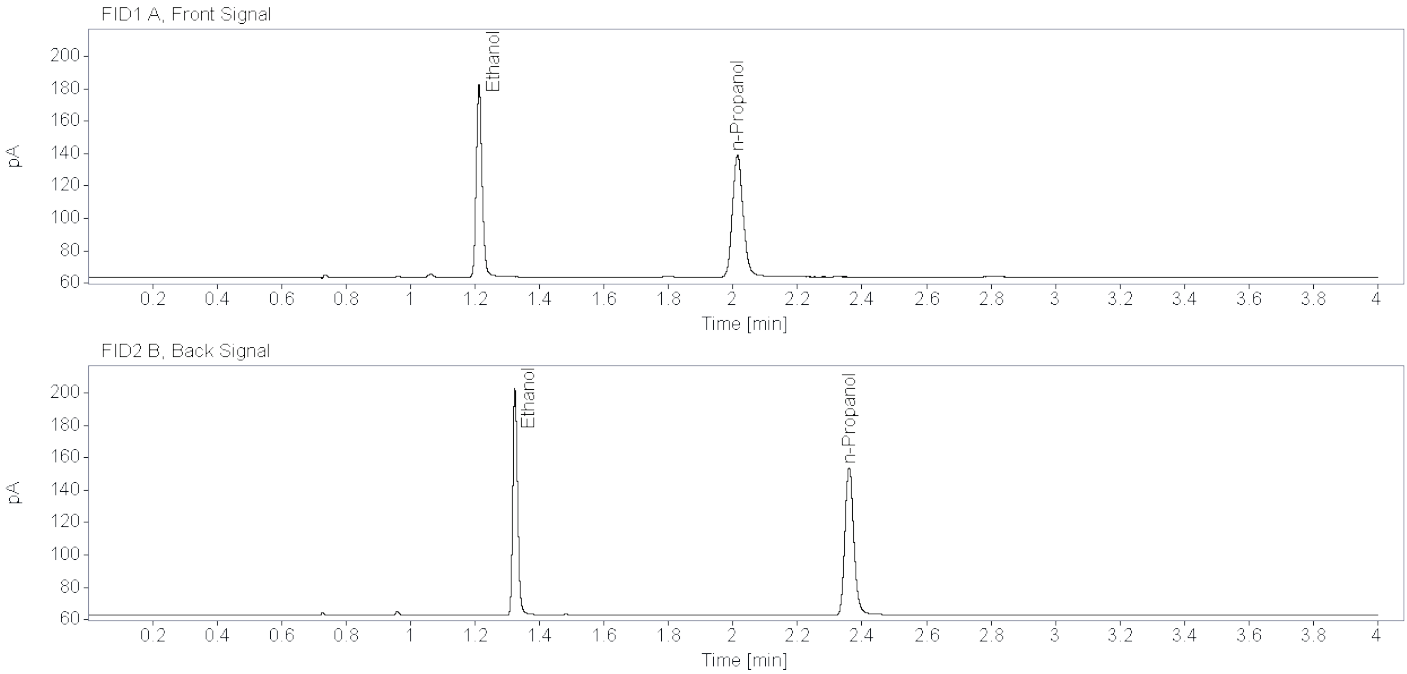
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83956	1.212	1.211	147.6782	0.1444
n-Propanol	0.85828	2.013	2.013	176.4563	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79865	1.322	1.320	143.3537	0.1421
n-Propanol	0.84413	2.358	2.357	175.9807	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1255 001 (24-1647) **Description:** Alq 2 **Sample Barcode** 24-1647 **Vial Number:** 57
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 4:28:45 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\057F5701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84627	1.213	1.211	148.8058	0.1510
n-Propanol	0.84844	2.014	2.013	169.9337	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81439	1.324	1.320	145.7633	0.1462
n-Propanol	0.83591	2.360	2.357	173.8287	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1256 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1562	Aliquot 1:	0.1544
	Aliquot 2:	0.1749	Aliquot 2:	0.1693

Reported Result: **0.163** **g/100 mL**

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

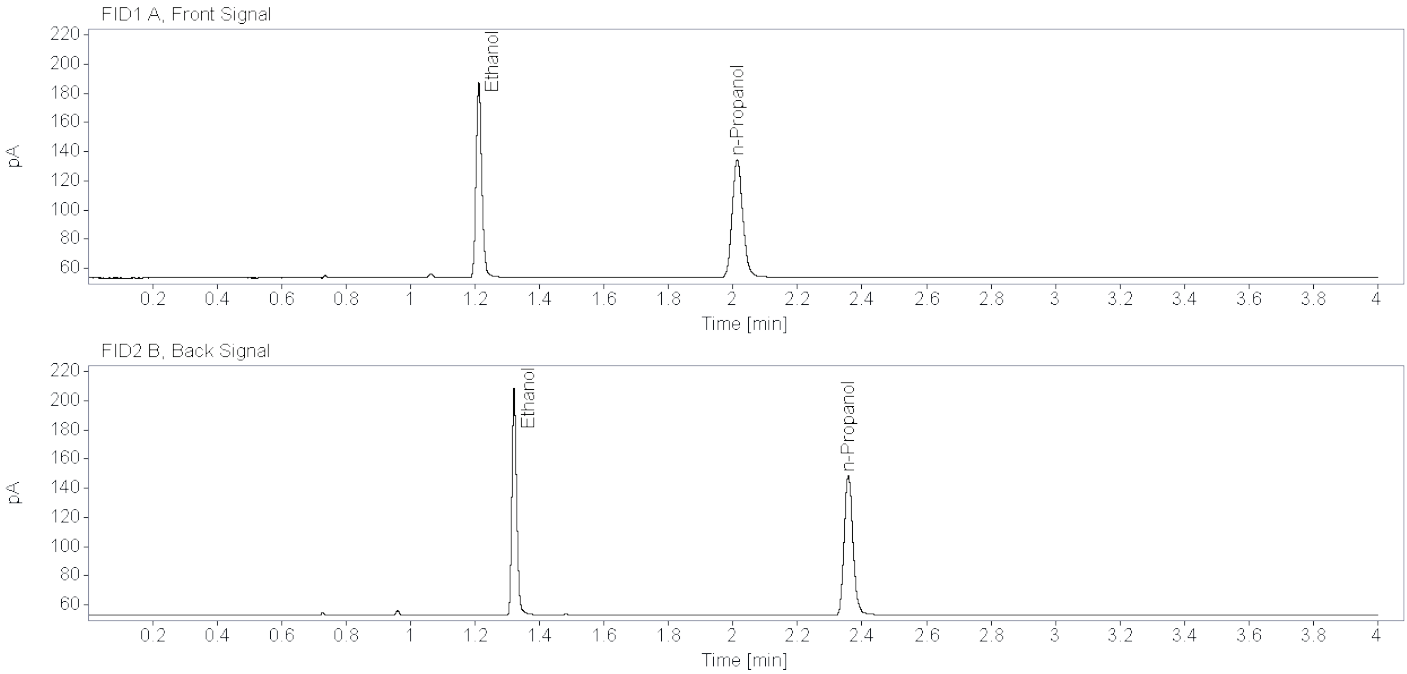
7/23/2024 mh

Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1256 001 (24-1616) **Description:** Alq 1 **Sample Barcode** 24-1616 **Vial Number:** 26
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 1:47:03 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\026F2601.D



Name FID1A

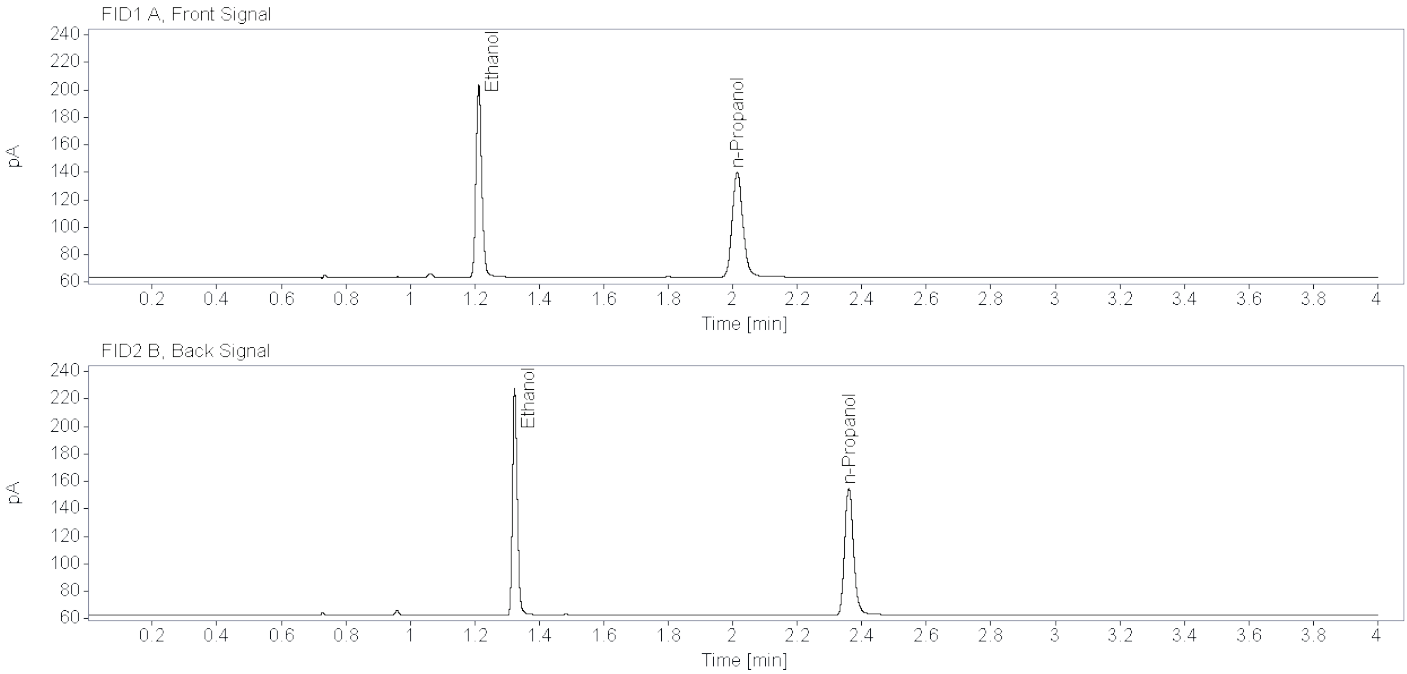
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83808	1.212	1.211	165.5348	0.1562
n-Propanol	0.85398	2.013	2.013	182.6704	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79861	1.321	1.320	160.7831	0.1544
n-Propanol	0.84669	2.357	2.357	181.5670	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1256 001 (24-1646) **Description:** Alq 2 **Sample Barcode** 24-1646 **Vial Number:** 56
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 4:23:03 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\056F5601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84354	1.212	1.211	175.4145	0.1749
n-Propanol	0.85003	2.014	2.013	172.7583	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82264	1.324	1.320	171.6094	0.1693
n-Propanol	0.82800	2.360	2.357	176.6127	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1257 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2403	Aliquot 1:	0.2365
	Aliquot 2:	0.2416	Aliquot 2:	0.2327

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

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

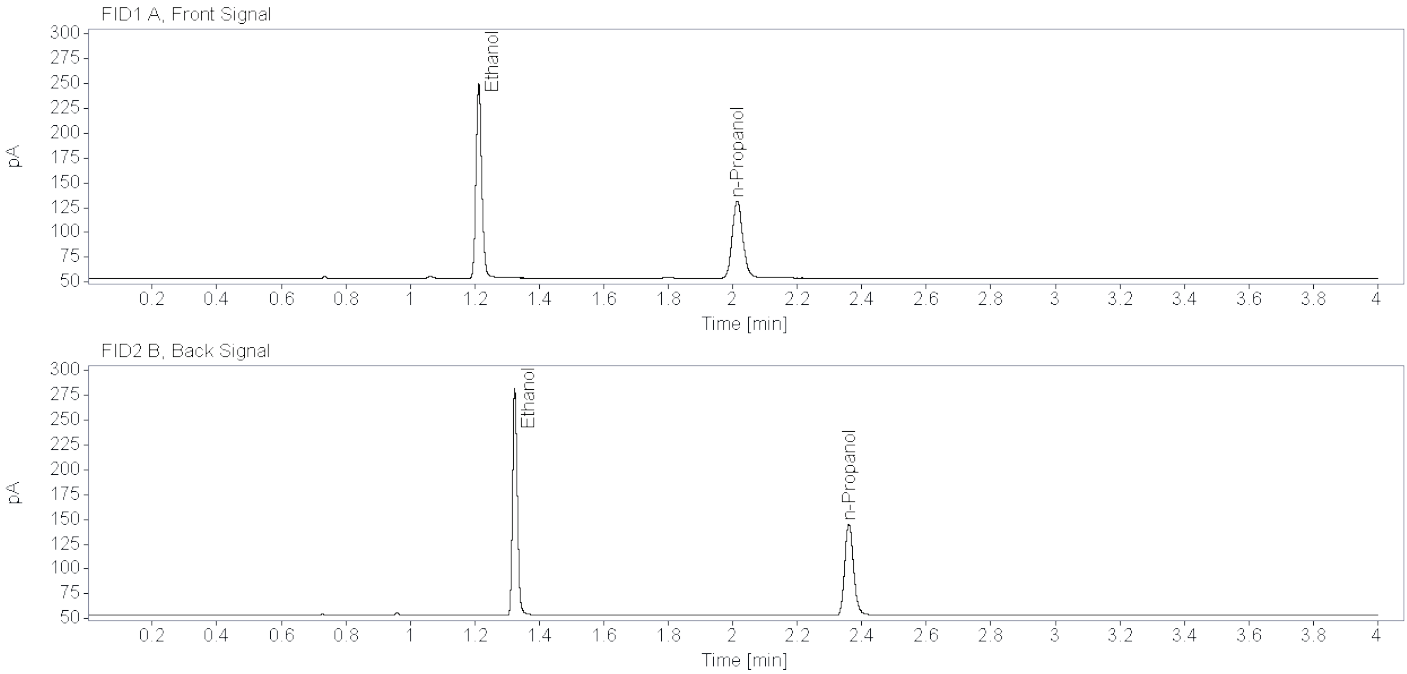
7/23/2024 mh

Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1257 001 (24-1617) **Description:** Alq 1 **Sample Barcode** 24-1617 **Vial Number:** 27
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 1:52:45 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\027F2701.D



Name FID1A

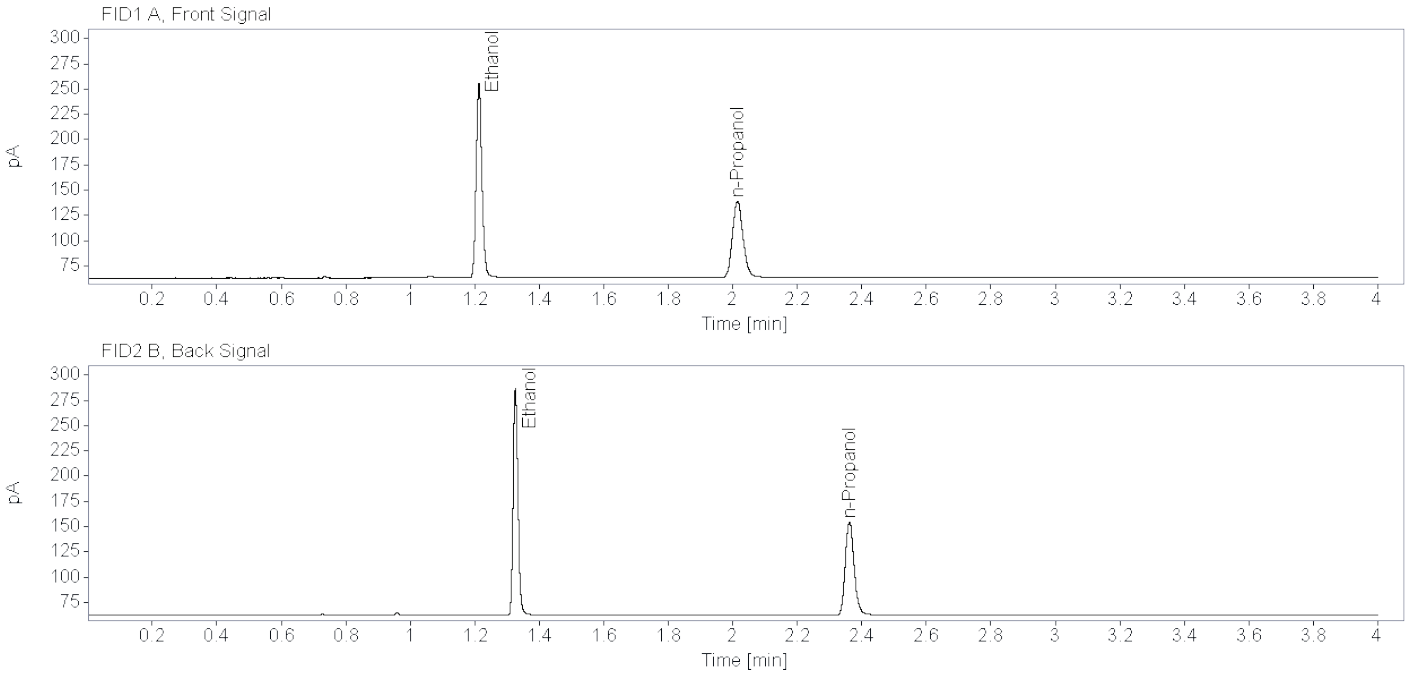
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85159	1.212	1.211	243.5391	0.2403
n-Propanol	0.85379	2.014	2.013	174.2968	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84402	1.324	1.320	236.9453	0.2365
n-Propanol	0.83553	2.360	2.357	174.3127	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1257 001 (24-1645) **Description:** Alq 2 **Sample Barcode** 24-1645 **Vial Number:** 55
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 4:18:21 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\055F5501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86389	1.213	1.211	241.0725	0.2416
n-Propanol	0.84243	2.015	2.013	171.6397	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84086	1.326	1.320	234.8522	0.2327
n-Propanol	0.84023	2.362	2.357	175.5757	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1259 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3415	Aliquot 1:	0.3350
	Aliquot 2:	0.3549	Aliquot 2:	0.3388

Reported Result: **0.342** **g/100 mL**

Reported UM: **0.049** **g/100 mL**

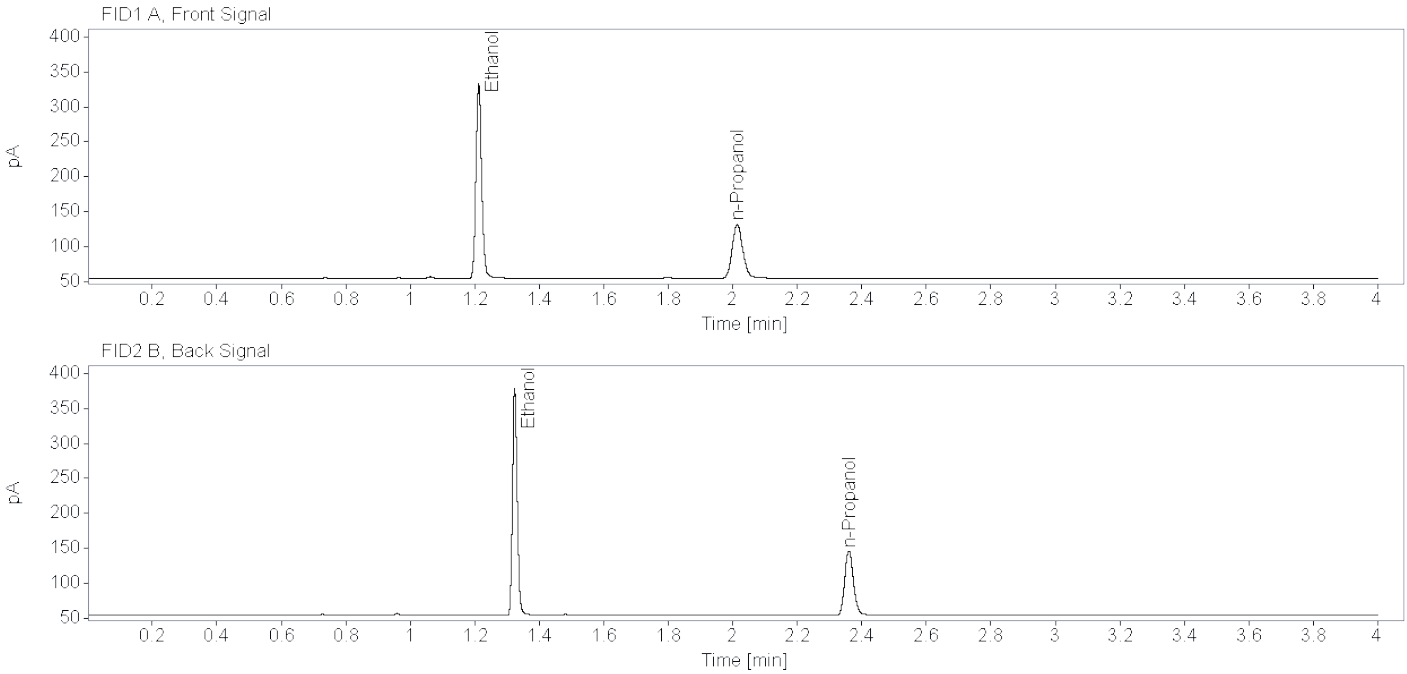
7/23/2024 mh

Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1259 001 (24-1618) **Description:** Alq 1 **Sample Barcode** 24-1618 **Vial Number:** 28
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 1:57:27 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\028F2801.D



Name FID1A

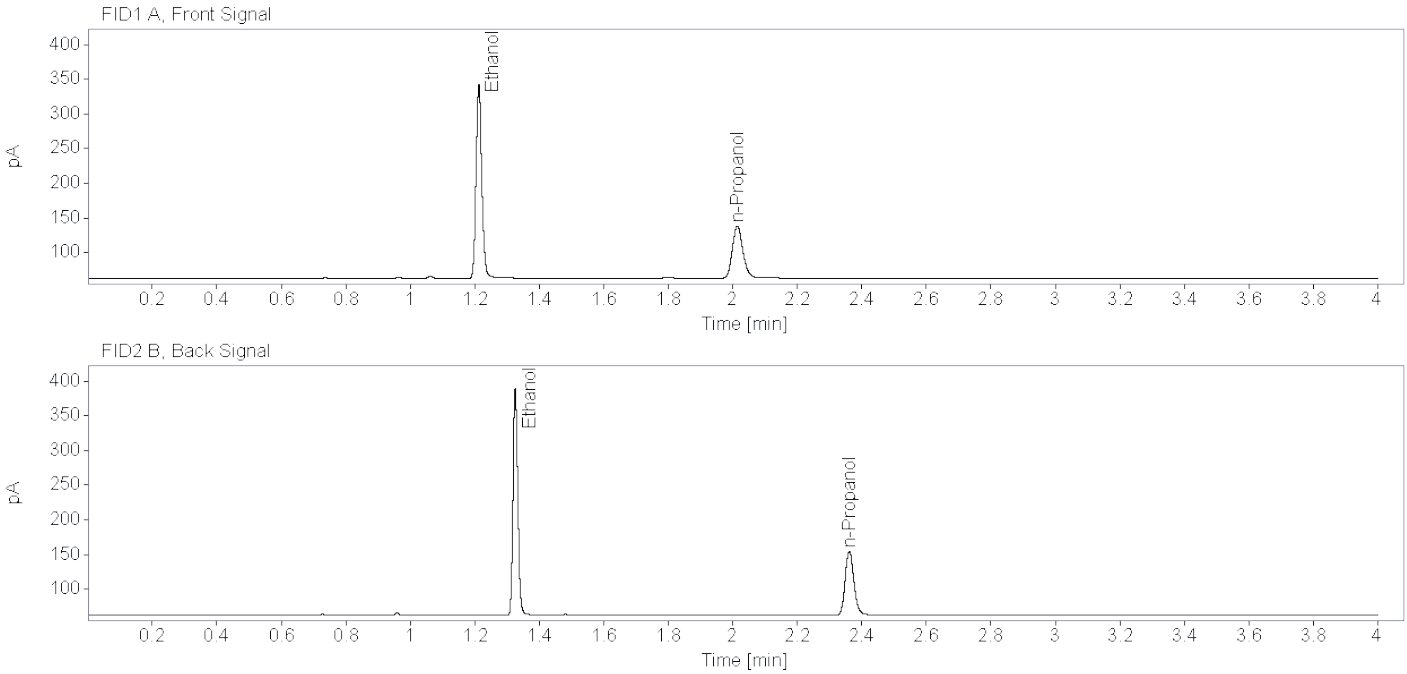
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86241	1.212	1.211	346.5043	0.3415
n-Propanol	0.84336	2.014	2.013	174.2900	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85960	1.324	1.320	336.1472	0.3350
n-Propanol	0.83561	2.360	2.357	174.3495	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1259 001 (24-1644) **Description:** Alq 2 **Sample Barcode** 24-1644 **Vial Number:** 54
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 4:12:39 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85976	1.213	1.211	348.6074	0.3549
n-Propanol	0.84476	2.014	2.013	168.7389	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86257	1.326	1.320	340.7636	0.3388
n-Propanol	0.84418	2.361	2.357	174.7849	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1260 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: **none detected**

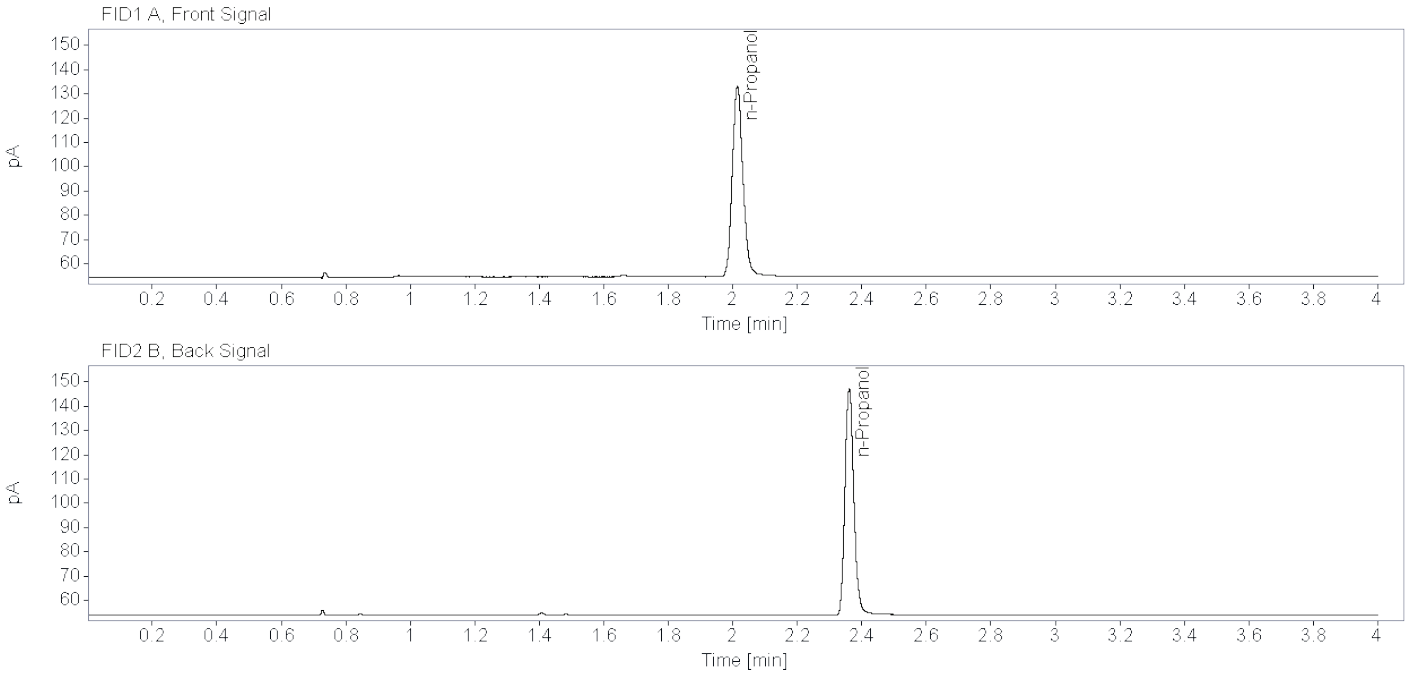
Reported UM: _____

Comments: Although multiple control failures and steadily increasing output on the instrument occurred in this batch, this sample will not be repeated because sample is negative. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1260 001 (24-1619) **Description:** Alq 1 **Sample Barcode** 24-1619 **Vial Number:** 29
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 2:03:08 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\029F2901.D



Name FID1A

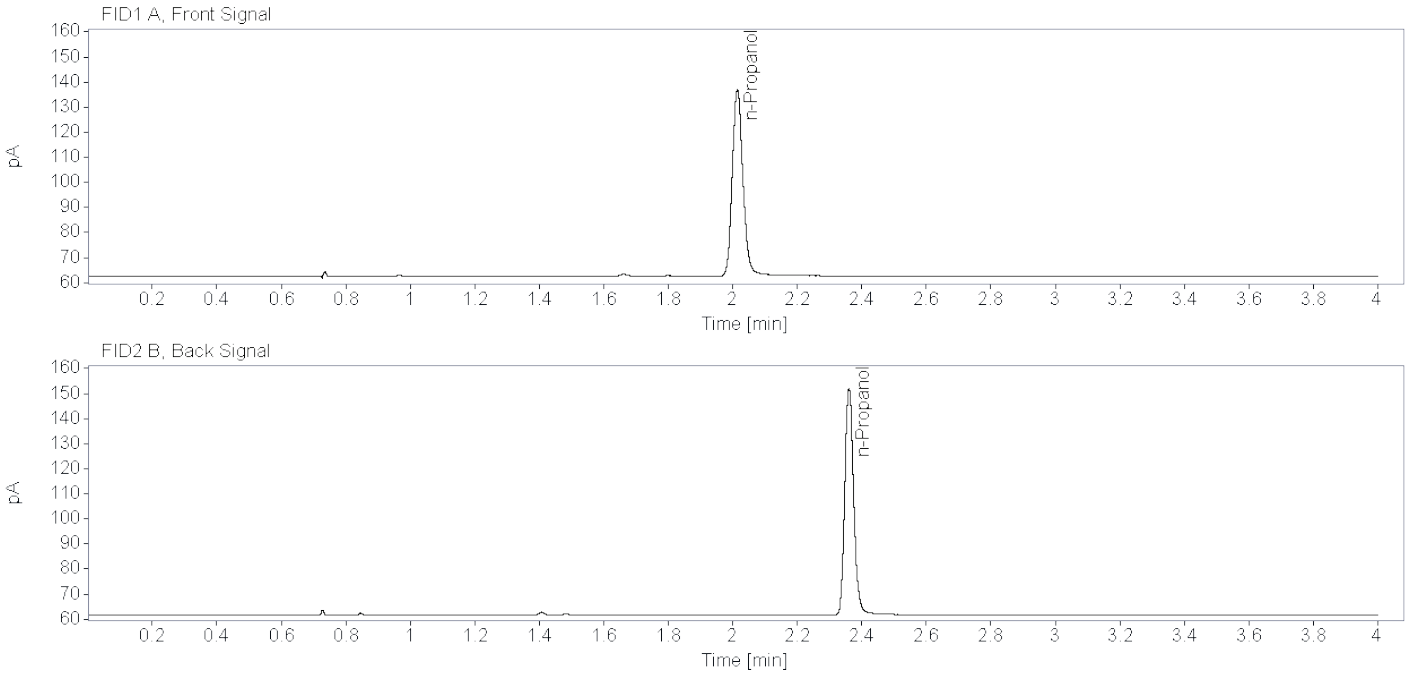
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84914	2.014	2.013	176.9481	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84464	2.361	2.357	177.2643	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1260 001 (24-1643) **Description:** Alq 2 **Sample Barcode** 24-1643 **Vial Number:** 53
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 4:07:56 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83973	2.014	2.013	168.5159	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83530	2.360	2.357	171.9184	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1261 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2001	Aliquot 1:	0.1971
	Aliquot 2:	0.1657	Aliquot 2:	0.1601

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

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

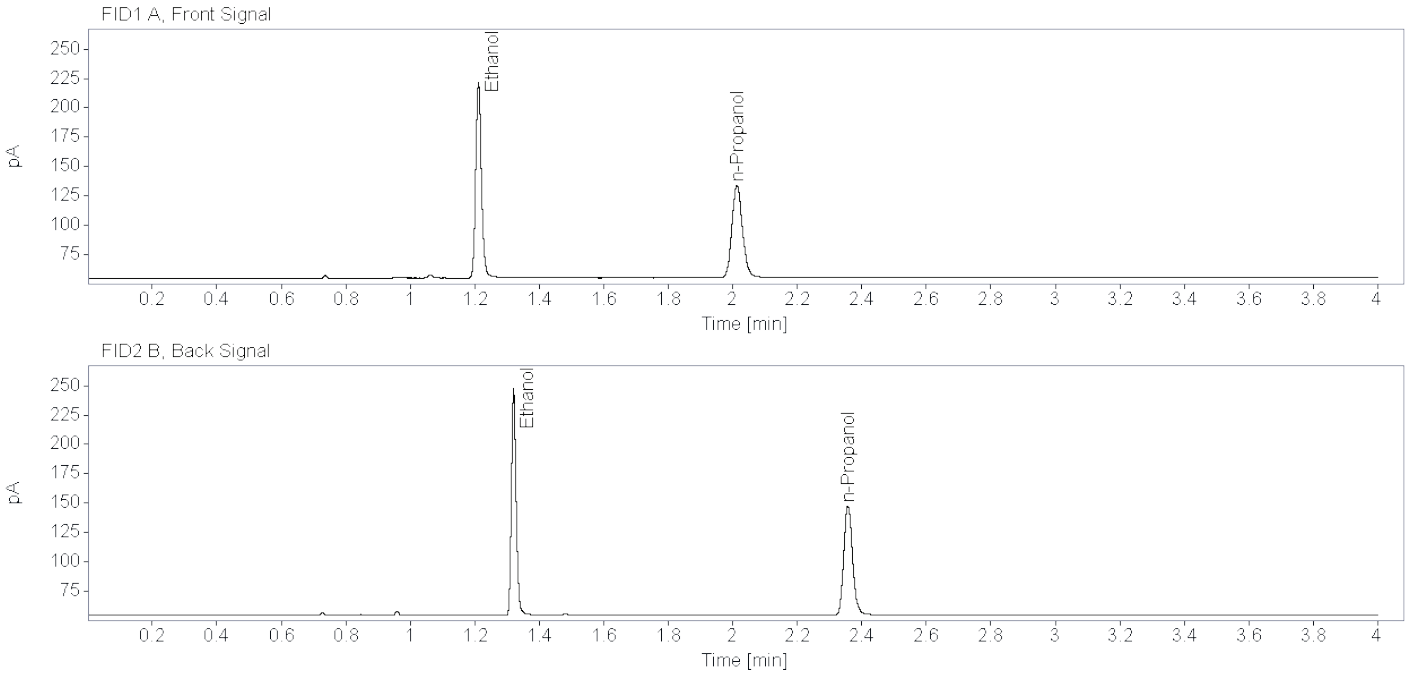
7/23/2024 mh

Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1261 001 (24-1620) **Description:** Alq 1 **Sample Barcode** 24-1620 **Vial Number:** 30
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 2:07:51 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\030F3001.D



Name FID1A

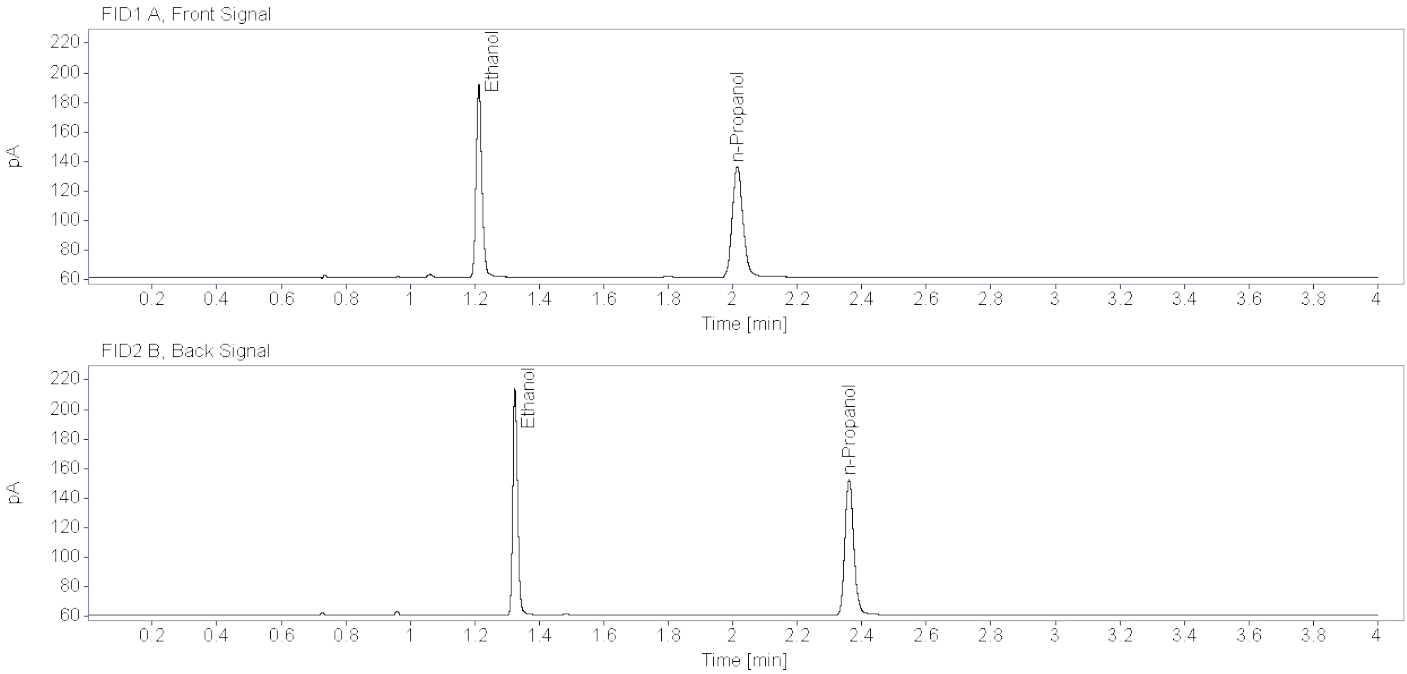
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83774	1.212	1.211	206.1548	0.2001
n-Propanol	0.85379	2.013	2.013	177.3116	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81013	1.321	1.320	200.6223	0.1971
n-Propanol	0.83591	2.357	2.357	177.2203	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1261 001 (24-1641) **Description:** Alq 2 **Sample Barcode** 24-1641 **Vial Number:** 51
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 3:57:32 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84242	1.213	1.211	162.6891	0.1657
n-Propanol	0.84237	2.014	2.013	169.2202	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82741	1.325	1.320	159.8294	0.1601
n-Propanol	0.83698	2.361	2.357	173.9995	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1264 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: **none detected**

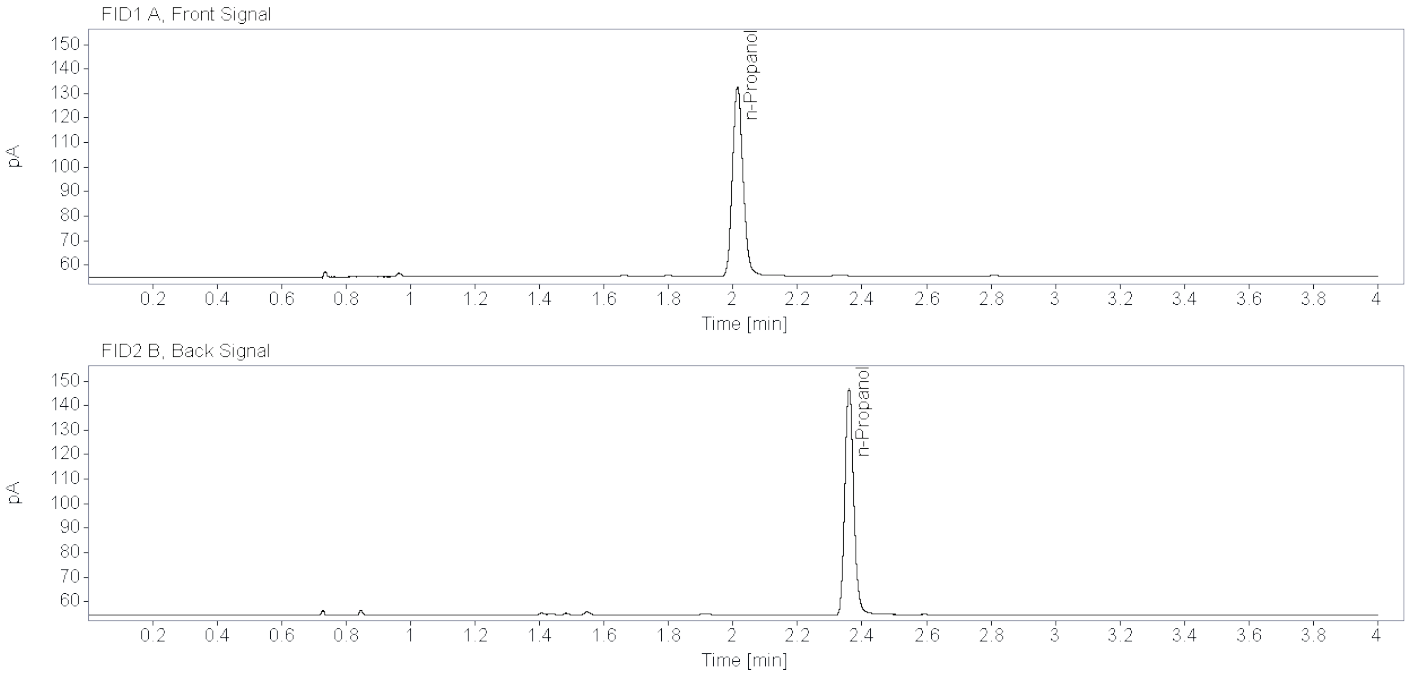
Reported UM: _____

Comments: Although multiple control failures and steadily increasing output on the instrument occurred in this batch, this sample will not be repeated because sample is negative. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1264 001 (24-1621) **Description:** Alq 1 **Sample Barcode** 24-1621 **Vial Number:** 31
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 2:13:33 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\031F3101.D



Name FID1A

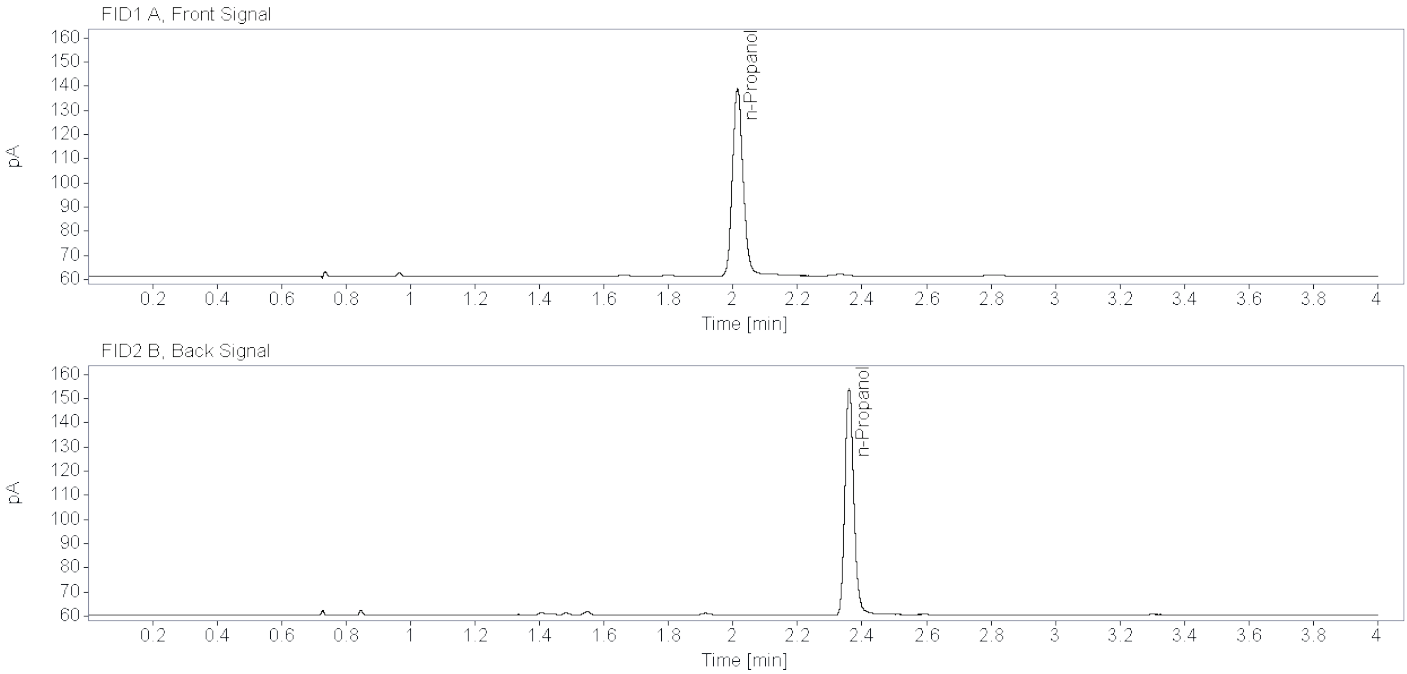
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85130	2.014	2.013	174.0683	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83961	2.360	2.357	175.7213	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1264 001 (24-1640) **Description:** Alq 2 **Sample Barcode** 24-1640 **Vial Number:** 50
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 3:51:51 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85070	2.014	2.013	174.5289	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83455	2.360	2.357	178.2112	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1265 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1544	Aliquot 1:	0.1514
	Aliquot 2:	0.1501	Aliquot 2:	0.1455

Reported Result: ~~0.150~~ **g/100 mL**

Reported UM: **0.022** **g/100 mL**

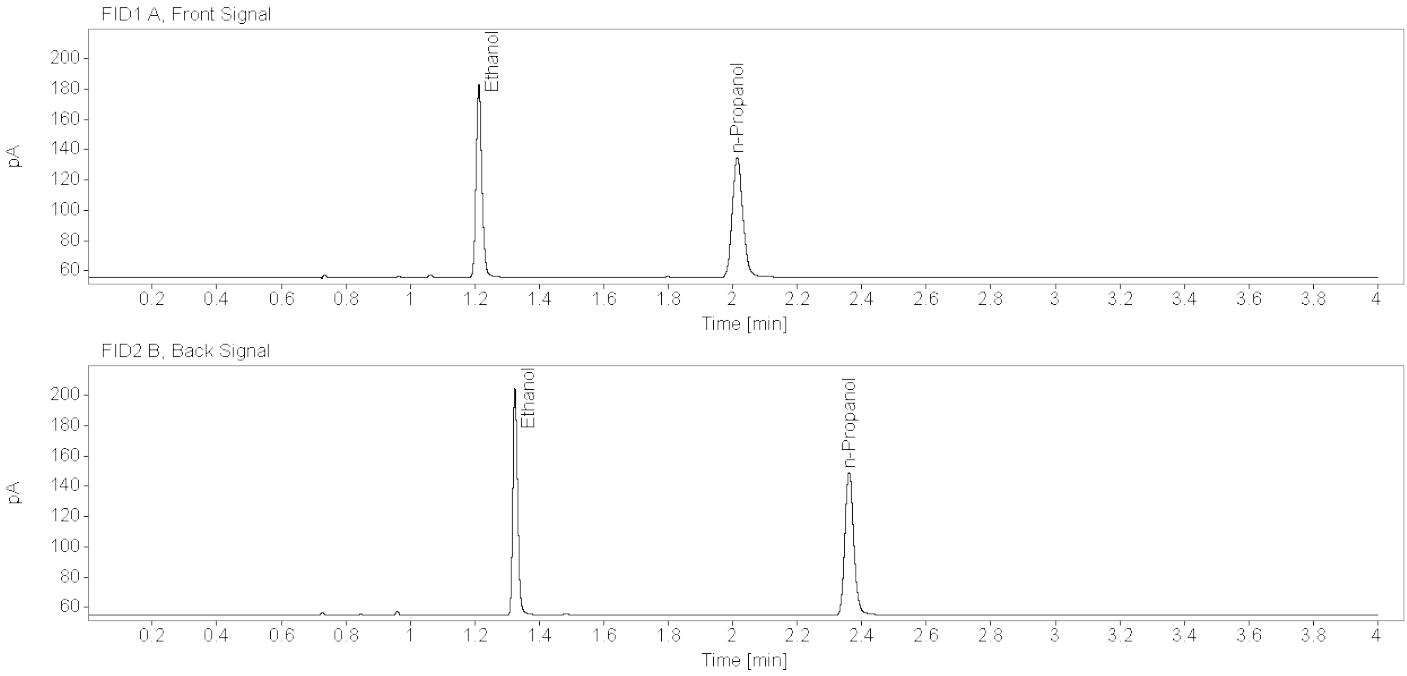
7/23/2024 mh

Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1265 001 (24-1622) **Description:** Alq 1 **Sample Barcode** 24-1622 **Vial Number:** 32
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 2:18:15 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\032F3201.D



Name FID1A

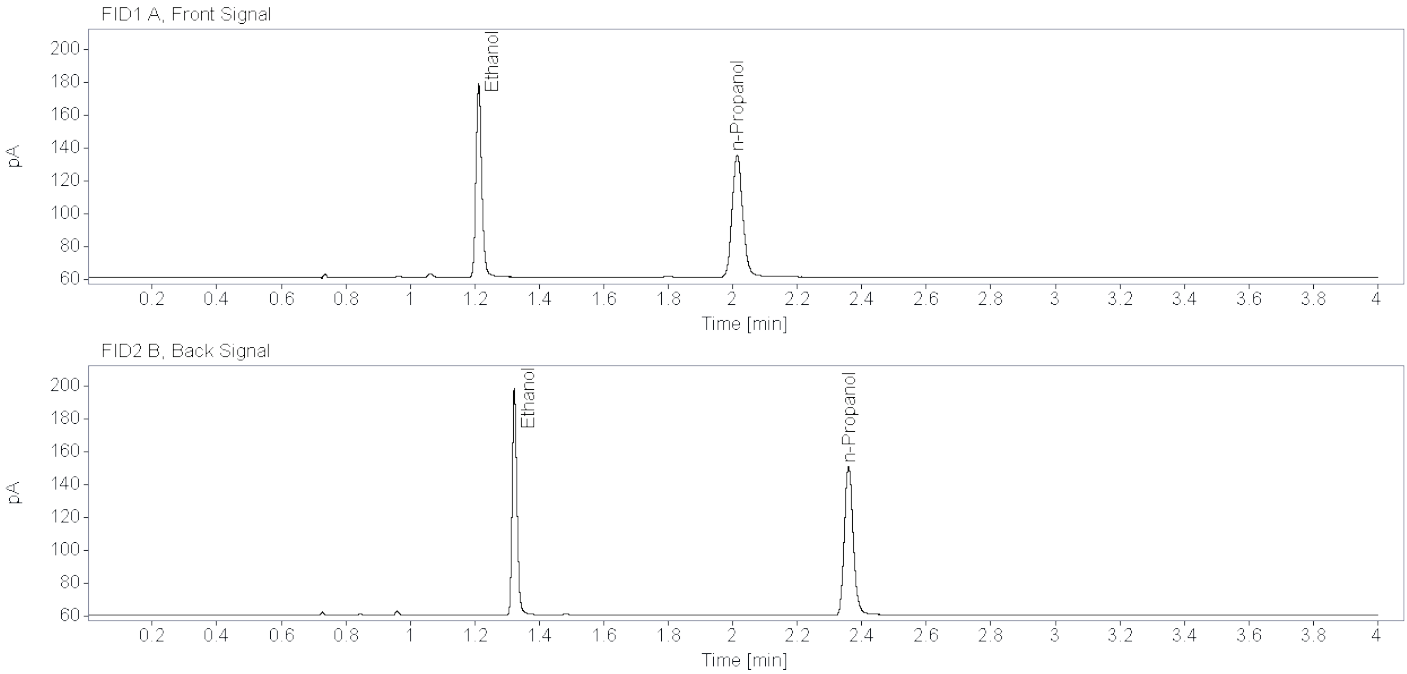
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84349	1.213	1.211	159.5364	0.1544
n-Propanol	0.85542	2.014	2.013	178.1424	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81720	1.325	1.320	155.7077	0.1514
n-Propanol	0.84313	2.361	2.357	179.3417	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1265 001 (24-1639) **Description:** Alq 2 **Sample Barcode** 24-1639 **Vial Number:** 49
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 3:47:09 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83242	1.212	1.211	146.0902	0.1501
n-Propanol	0.85840	2.014	2.013	167.7805	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78983	1.323	1.320	143.2267	0.1455
n-Propanol	0.84529	2.359	2.357	171.7326	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1271 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1009	Aliquot 1:	0.0985
	Aliquot 2:	0.0906	Aliquot 2:	0.0878

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

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

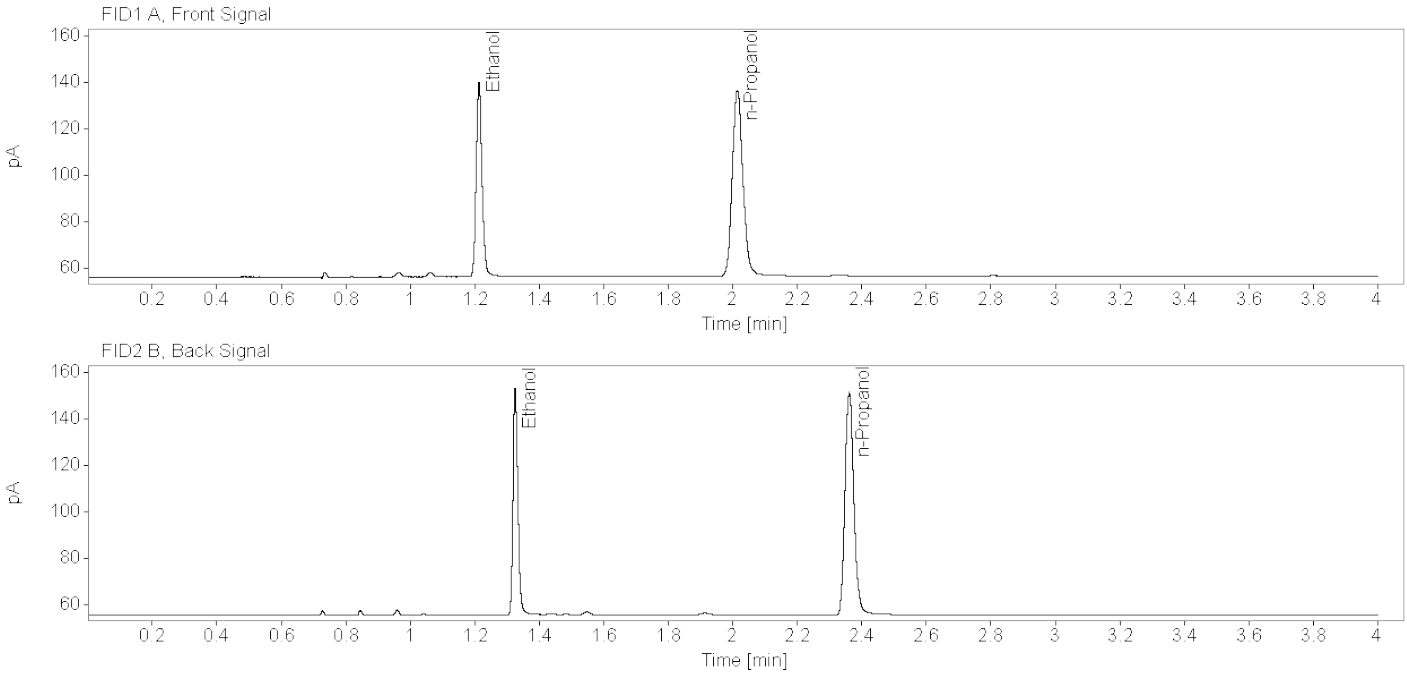
7/23/2024 mh

Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1271 001 (24-1624) **Description:** Alq 1 **Sample Barcode** 24-1624 **Vial Number:** 34
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 2:28:39 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\034F3401.D



Name FID1A

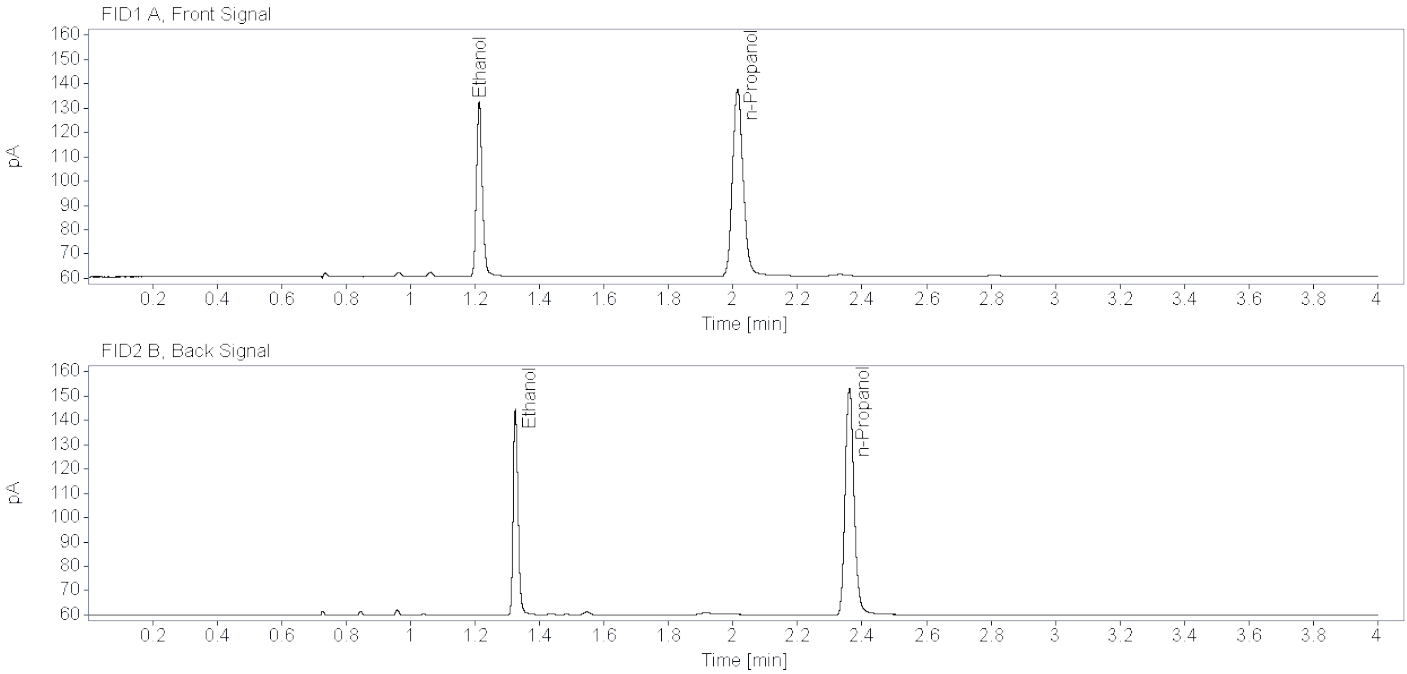
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85336	1.213	1.211	105.5383	0.1009
n-Propanol	0.85279	2.014	2.013	180.9941	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80038	1.326	1.320	102.9347	0.0985
n-Propanol	0.84890	2.361	2.357	182.8790	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1271 001 (24-1638) **Description:** Alq 2 **Sample Barcode** 24-1638 **Vial Number:** 48
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 3:41:27 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83432	1.213	1.211	90.5569	0.0906
n-Propanol	0.85119	2.014	2.013	173.1966	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80176	1.325	1.320	88.9361	0.0878
n-Propanol	0.84273	2.361	2.357	177.4829	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1272 001

Batch Name: BAC_20240716_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1168	Aliquot 1:	0.1152
	Aliquot 2:	0.1210	Aliquot 2:	0.1178

Reported Result: **0.117** **g/100 mL**

Reported UM: **0.017** **g/100 mL**

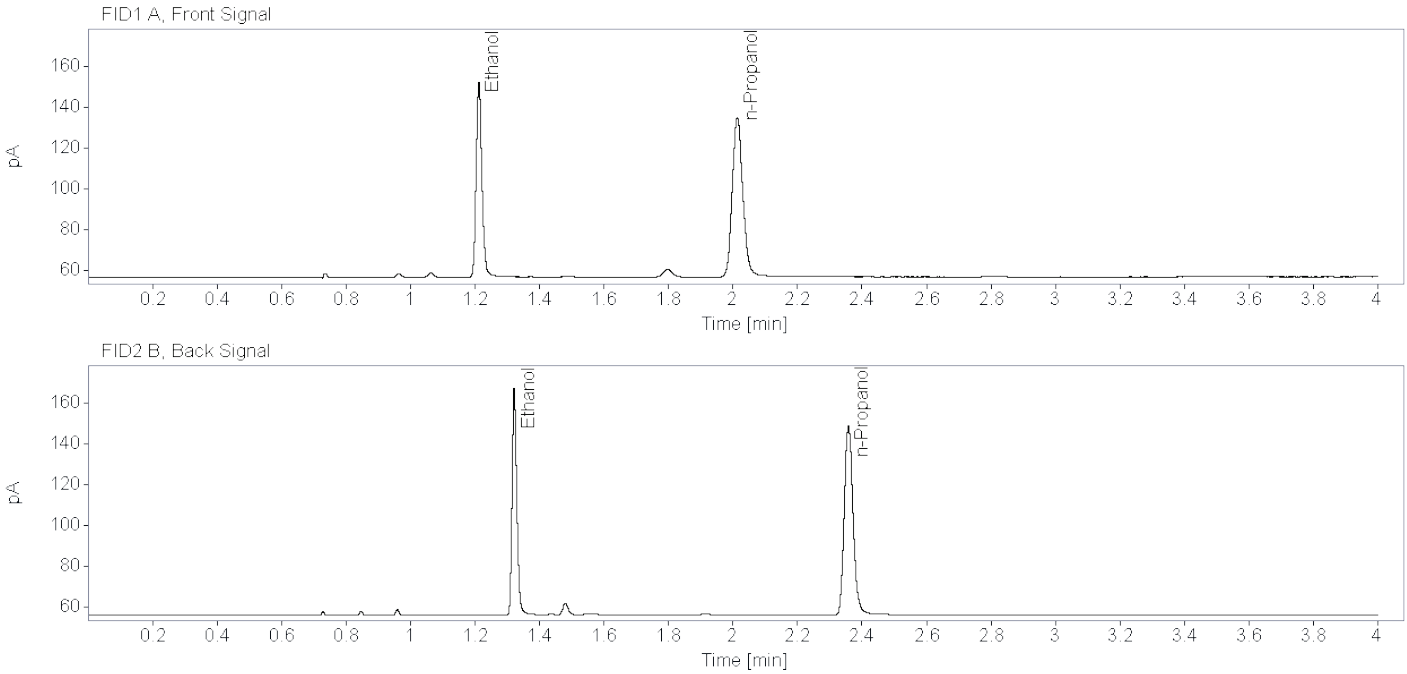
7/23/2024 mh

Comments: Due to multiple control failures and steadily increasing output on the instrument, sample will be repeated. 7/24/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1272 001 (24-1625) **Description:** Alq 1 **Sample Barcode** 24-1625 **Vial Number:** 35
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 2:34:20 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\035F3501.D



Name FID1A

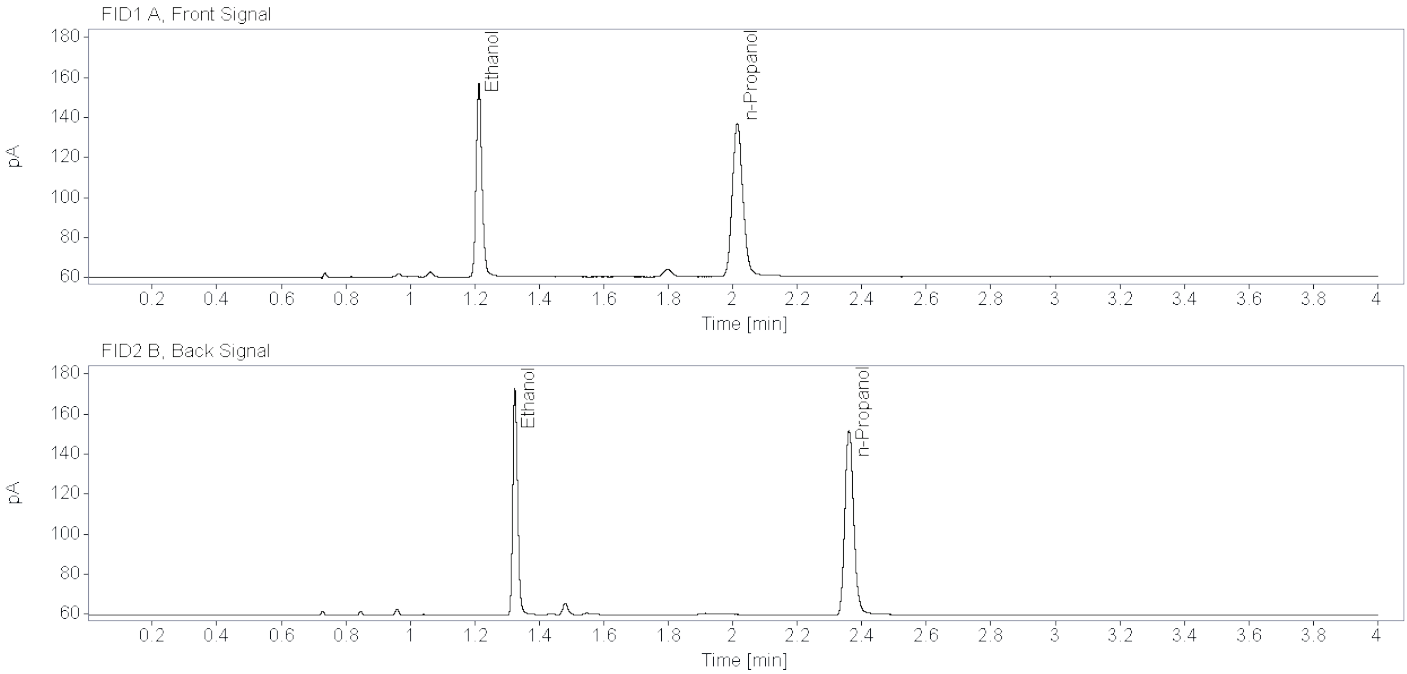
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83587	1.212	1.211	118.6460	0.1168
n-Propanol	0.85613	2.013	2.013	175.5579	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78868	1.322	1.320	115.5843	0.1152
n-Propanol	0.83987	2.358	2.357	175.2845	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1272 001 (24-1637) **Description:** Alq 2 **Sample Barcode** 24-1637 **Vial Number:** 47
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/16/2024 3:36:44 PM
Data File: C:\Chem32\2\Data\2024\BAC_20240716_MH 2024-07-16 11-27-32\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84398	1.213	1.211	120.8770	0.1210
n-Propanol	0.84695	2.014	2.013	172.6109	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81405	1.325	1.320	118.1561	0.1178
n-Propanol	0.84118	2.361	2.357	175.2187	0.0100