Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20241119_MH		Analyst Review	Technical Review
BAC Summary	Verify batch name, instrument, analyst, UM%, and QC targets	✓	✓
	Verify Cal 1 obtained values and IS area counts	✓	✓
	Verify IS of all QCs and samples fall within acceptable area count range	✓	✓
BAC Batch Information	IS/calibrators/QCs lot numbers, expiration dates, and inventory numbers listed	✓	✓
	Confirm standards and/or reagents made in-house are verified	✓	✓
	Pipette(s) listed	✓	✓
Sequence(s)	Verify date is consistent with batch date	✓	✓
	Verify method used for all samples is correct, and all pages accounted for	✓	✓
	Reviewer verified, initialed, and dated sequence	✓	✓
Method	Verify correct method is included, and all pages accounted for	✓	✓
Performance Check	Verify air blank and PC are acceptable	✓	✓
Calibration Table & Curve	Verify date is consistent with calibration date, and all pages accounted for	✓	✓
	Verify R^2 values are acceptable for ethanol	✓	✓
Data	Verify calibrator area counts listed in the calibration table for ethanol	✓	✓
	Verify chromatography, retention time, and symmetry values are acceptable for ethanol	✓	✓
	Verify calibrators and QCs are within acceptable range for ethanol	✓	✓
	Verify all cases listed on BAC summary have data	✓	✓
	Verify barcodes match	✓	✓
Ethanol Confirmation Worksheet(s)	Verify aliquot values against data for all case samples	✓	✓
	Verify Reported Result and UM for all case samples	✓	✓
JTrax	Verify Reported Result and Reported UM against BAC Confirmation Worksheet(s) for all case samples	✓	✓
Verify QCs were added to QC log		✓	✓
All comments and/or strikethroughs, if any, initialed		✓	✓
All printed pages initialed		✓	✓
Total number of pages	108	✓	✓

Analyst Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2024.11.26 11:25:56 -06'00'

Date: 11/26/2024

Technical Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2024.12.06 09:53:02 -06'00'

Date: 12/6/2024

Batch Name: BAC_20241119_MH

Technical Review Notes

-N/A -KB 12/6/2024

BAC Summary Worksheet

Batch Name:	BAC_20241119_MH
Instrument:	BAC-2
Analyst:	Melissa Henry
UM%:	16.17
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		177.1417	177.1821
Acceptance Range	Min	159.4275	159.4639
	Max	194.8559	194.9003

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	0.0103	0.0104	0.0103	3.00	0.00	0.97	178.0080	178.5988
0.025 g/100mL Calibrator	0.0249	0.0247	0.0248	-0.80	0.40	-0.40	176.0046	176.1050
0.050 g/100mL Calibrator	0.0493	0.0490	0.0491	-1.80	0.41	-0.20	178.2539	178.6560
0.100 g/100mL Calibrator	0.0987	0.0989	0.0988	-1.20	-0.10	0.10	177.4942	177.2217
0.200 g/100mL Calibrator	0.1981	0.1980	0.1980	-1.00	0.05	0.00	178.5721	178.3551
0.400 g/100mL Calibrator	0.3996	0.3988	0.3992	-0.20	0.10	-0.10	177.6357	177.6494
0.500 g/100mL Calibrator	0.5041	0.5053	0.5047	0.94	-0.12	0.12	174.0233	173.6886

		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	-	-	-	175.7562	175.4454
High QC	0.4066	0.4061	0.4063	1.57	0.07	-0.05	175.1178	175.0427
Low QC	0.0797	0.0795	0.0796	-0.50	0.13	-0.13	180.0914	179.9816
Blood QC A	0.0767	0.0764	0.0765	-2.92	0.26	-0.13	178.1597	178.1304
Blood QC B	0.1937	0.1933	0.1935	0.94	0.10	-0.10	171.2949	171.0204
Blood QC A	0.0794	0.0794	0.0794	0.76	0.00	0.00	176.1612	175.5345
Blood QC B	0.1977	0.1980	0.1978	3.18	-0.05	0.10	170.9855	170.5381
Blood QC A	0.0790	0.0791	0.0790	0.25	0.00	0.13	172.2262	171.8488
High QC	0.4097	0.4112	0.4104	2.60	-0.17	0.19	176.6534	175.8458
Low QC	0.0821	0.0823	0.0822	2.75	-0.12	0.12	169.3280	168.7273
DI Water	0.0000	0.0000	0.0000	-	-	-	173.1034	172.5134

		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-24-1999 001_001	0.3823	0.3815	0.4070	0.4095	0.395	0.064	-3.23	-3.44	3.02	3.65	174.7590	174.5535	180.7089	179.6830
2	BCCL-24-2003 001_001	0.1664	0.1662	0.1729	0.1735	0.169	0.027	-1.97	-2.09	1.86	2.21	178.2166	178.2656	177.0443	175.8338
3	BCCL-24-2031 001_001	0.1765	0.1765	0.1769	0.1774	0.176	0.028	-0.18	-0.18	0.04	0.33	179.0064	178.9280	175.5126	175.0080
4	**BCCL-24-2033 003_001**	0.0891	0.0886	0.0916	0.0915	0.090	0.015	-1.22	-1.77	1.55	1.44	179.5202	179.7667	174.4978	174.1811
5	BCCL-24-2044 001_001	0.1232	0.1235	0.1223	0.1220	0.122	0.020	0.37	0.61	-0.37	-0.61	176.0927	174.9670	179.1292	179.1827
6	BCCL-24-2059 001_001	0.2445	0.2468	0.2650	0.2646	0.255	0.041	-4.20	-3.30	3.83	3.67	182.7819	181.0543	174.1583	174.1797
7	BCCL-24-2062 001_001	0.2609	0.2617	0.2688	0.2691	0.265	0.043	-1.59	-1.29	1.39	1.50	173.9385	173.3173	176.2611	176.0722
8	**BCCL-24-2069 001_001**	0.0841	0.0841	0.0758	0.0757	~~0.079~~	~~0.013~~	5.22	5.22	-5.16	-5.29	174.5283	174.5498	176.4162	176.6254
9	BCCL-24-2071 001_001	0.1879	0.1879	0.2095	0.2096	~~0.198~~	~~0.032~~	-5.45	-5.45	5.42	5.47	175.6634	175.0735	173.5241	173.3269
10	**BCCL-24-2083 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	175.6288	175.1223	175.3071	174.7222
11	BCCL-24-2088 001_001	0.1510	0.1505	0.1524	0.1518	0.151	0.024	-0.28	-0.61	0.64	0.25	175.9602	176.2693	174.8885	175.2379
12	BCCL-24-2089 001_001	0.2167	0.2162	0.2262	0.2260	0.221	0.036	-2.07	-2.29	2.23	2.14	172.4818	172.6096	171.2672	171.3034
13	BCCL-24-2090 001_001	0.2337	0.2327	0.2194	0.2205	0.226	0.037	3.14	2.70	-3.17	-2.68	176.2276	176.2460	181.2944	180.3129
14	BCCL-24-2091 001_001	0.1929	0.1930	0.1901	0.1903	0.191	0.031	0.69	0.74	-0.77	-0.67	176.1857	175.7176	175.3330	175.0456
15	**BCCL-24-2092 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	176.6791	176.4985	175.6974	175.6248
16	BCCL-24-2113 001_001	0.1969	0.1971	0.1882	0.1886	0.192	0.031	2.18	2.28	-2.34	-2.13	175.2014	174.8617	176.7189	176.0531
17	**BCCL-24-2114 001_001**	0.0696	0.0703	0.0703	0.0699	0.070	0.011	-0.61	0.39	0.39	-0.18	172.1505	171.6733	174.6244	174.1831
18	BCCL-24-2115 001_001	0.1020	0.1026	0.1010	0.1004	0.101	0.016	0.49	1.08	-0.49	-1.08	178.5643	177.5075	168.8489	168.5944
19	**BCCL-24-2122 001_001**	0.0814	0.0824	0.0806	0.0807	0.081	0.013	0.15	1.38	-0.83	-0.71	180.9012	179.3796	175.7653	175.1942
20	BCCL-24-2123 001_001	0.2591	0.2607	0.2610	0.2621	0.260	0.042	-0.62	-0.01	0.11	0.53	171.9115	170.7372	168.7112	168.2627

11/22/2024 mh

Melissa Henry

Digitally signed by Melissa Henry
Date: 2024.11.25 15:18:55 -06'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC_20241119_MH Analyst: Melissa Henry Instrument: BAC-2

	Lot:	Expiration:	Inventory Number:
Cal 1	FN12272201	2/29/2028	S-23-5008N
Cal 2	FN03122112	3/31/2026	S-23-5009C
Cal 3	FN03172301	3/31/2028	S-23-5010F
Cal 4	FN03072301	3/31/2028	S-23-5011F
Cal 5	FN03132302	3/31/2028	S-23-5012E
Cal 6	FN03052102	3/31/2026	S-23-5013D
Cal 7	FN06262004	7/31/2025	S-23-5014G
High QC	30012020-A	1/31/2025	S-23-5015H
Low QC	517757	6/21/2025	S-24-5001H
Blood QC A	2401241	2/28/2028	S-24-5002D
Blood QC B	2302120	5/31/2027	S-24-5003D
Internal Standard	N/A	3/4/2025	R-24-5006
Pipette(s)	5053, 205L		

Comments:

mh

BCCL ANALYTICAL WORKLIST

ANALYST: Melissa Henry

BAC-20241119-MH

Worklist ID: 16V9FN6FQRBXPG

Case #	Evid #	Evid Type	Service
BCCL-24-1999	001_001	Blood	Alcohol
BCCL-24-2003	001_001	Blood	Alcohol
BCCL-24-2031	001_001	Blood	Alcohol
BCCL-24-2033	003_001	Blood	Alcohol
BCCL-24-2044	001_001	Blood	Alcohol
BCCL-24-2059	001_001	Blood	Alcohol
BCCL-24-2062	001_001	Blood	Alcohol
BCCL-24-2069	001_001	Blood	Alcohol
BCCL-24-2071	001_001	Blood	Alcohol
BCCL-24-2083	001_001	Blood	Alcohol
BCCL-24-2088	001_001	Blood	Alcohol
BCCL-24-2089	001_001	Blood	Alcohol
BCCL-24-2090	001_001	Blood	Alcohol

BAC_20241119_MH

Case #	Evid #	Evid Type	Service
BCCL-24-2091	001_001	Blood	Alcohol
BCCL-24-2092	001_001	Blood	Alcohol
BCCL-24-2113	001_001	Blood	Alcohol
BCCL-24-2114	001_001	Blood	Alcohol
BCCL-24-2115	001_001	Blood	Alcohol
BCCL-24-2122	001_001	Blood	Alcohol
BCCL-24-2123	001_001	Blood	Alcohol

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\2\SEQUENCE\2024\BAC_20241119_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 ICB 11/19/2024

==========

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (24-2484)
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 (24-2485)
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 (24-2486)
Method Name : BAC
Sample Type : Calibration

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

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Line                : 4
Location            : 4
Sample Information  :
Sample Name         : 0.100 g/100mL Cal (24-2487)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 4
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 5
Location            : 5
Sample Information  :
Sample Name         : 0.200 g/100mL Cal (24-2488)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 5
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 6
Location            : 6
Sample Information  :
Sample Name         : 0.400 g/100mL Cal (24-2489)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 6
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 7
Location            : 7
Sample Information  :
Sample Name         : 0.500 g/100mL Cal (24-2490)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 7
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 8
Location            : 8
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Sample Information :
Sample Name : Negative (24--2491)
Method Name : BAC
Sample Type : Sample

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Line : 9
Location : 9
Sample Information :
Sample Name : High QC (24-2492)
Method Name : BAC
Sample Type : Sample

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Line : 10
Location : 10
Sample Information :
Sample Name : Low QC (24-2493)
Method Name : BAC
Sample Type : Sample

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Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (24-2494)
Method Name : BAC
Sample Type : Sample

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Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-24-1999 001_001 (24-2495)
Method Name : BAC
Sample Type : Sample

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Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-24-2003 001_001 (24-2496)
Method Name : BAC
Sample Type : Sample

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Line : 14
Location : 14

mh

Sample Information : Alq 1
Sample Name : BCCL-24-2031 001_001 (24-2497)
Method Name : BAC
Sample Type : Sample

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Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-24-2033 003_001 (24-2498)
Method Name : BAC
Sample Type : Sample

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Line : 16
Location : 16
Sample Information : Alq 1
Sample Name : BCCL-24-2044 001_001 (24-2499)
Method Name : BAC
Sample Type : Sample

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Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-24-2059 001_001 (24-2500)
Method Name : BAC
Sample Type : Sample

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Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-24-2062 001_001 (24-2501)
Method Name : BAC
Sample Type : Sample

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Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-24-2069 001_001 (24-2502)
Method Name : BAC
Sample Type : Sample

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Line : 20
Location : 20

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Sample Information : Alq 1
Sample Name : BCCL-24-2071 001_001 (24-2503)
Method Name : BAC
Sample Type : Sample

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Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-24-2083 001_001 (24-2504)
Method Name : BAC
Sample Type : Sample

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Line : 22
Location : 22
Sample Information :
Sample Name : Blood QC B (24-2505)
Method Name : BAC
Sample Type : Sample

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Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-24-2088 001_001 (24-2506)
Method Name : BAC
Sample Type : Sample

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Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-24-2089 001_001 (24-2507)
Method Name : BAC
Sample Type : Sample

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Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-24-2090 001_001 (24-2508)
Method Name : BAC
Sample Type : Sample

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Line : 26
Location : 26

Sample Information : Alq 1
Sample Name : BCCL-24-2091 001_001 (24-2509)
Method Name : BAC
Sample Type : Sample

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Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-24-2092 001_001 (24-2510)
Method Name : BAC
Sample Type : Sample

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Line : 28
Location : 28
Sample Information : Alq 1
Sample Name : BCCL-24-2113 001_001 (24-2511)
Method Name : BAC
Sample Type : Sample

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Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-24-2114 001_001 (24-2512)
Method Name : BAC
Sample Type : Sample

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Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-24-2115 001_001 (24-2513)
Method Name : BAC
Sample Type : Sample

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Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-24-2122 001_001 (24-2514)
Method Name : BAC
Sample Type : Sample

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Line : 32
Location : 32

Sample Information : Alq 1
Sample Name : BCCL-24-2123 001_001 (24-2515)
Method Name : BAC
Sample Type : Sample

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Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (24-2516)
Method Name : BAC
Sample Type : Sample

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Line : 34
Location : 34
Sample Information : Alq 2
Sample Name : BCCL-24-2123 001_001 (24-2517)
Method Name : BAC
Sample Type : Sample

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Line : 35
Location : 35
Sample Information : Alq 2
Sample Name : BCCL-24-2122 001_001 (24-2518)
Method Name : BAC
Sample Type : Sample

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Line : 36
Location : 36
Sample Information : Alq 2
Sample Name : BCCL-24-2115 001_001 (24-2519)
Method Name : BAC
Sample Type : Sample

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Line : 37
Location : 37
Sample Information : Alq 2
Sample Name : BCCL-24-2114 001_001 (24-2520)
Method Name : BAC
Sample Type : Sample

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Line : 38
Location : 38

Sample Information : Alq 2
Sample Name : BCCL-24-2113 001_001 (24-2521)
Method Name : BAC
Sample Type : Sample

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Line : 39
Location : 39
Sample Information : Alq 2
Sample Name : BCCL-24-2092 001_001 (24-2522)
Method Name : BAC
Sample Type : Sample

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Line : 40
Location : 40
Sample Information : Alq 2
Sample Name : BCCL-24-2091 001_001 (24-2523)
Method Name : BAC
Sample Type : Sample

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Line : 41
Location : 41
Sample Information : Alq 2
Sample Name : BCCL-24-2090 001_001 (24-2524)
Method Name : BAC
Sample Type : Sample

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Line : 42
Location : 42
Sample Information : Alq 2
Sample Name : BCCL-24-2089 001_001 (24-2525)
Method Name : BAC
Sample Type : Sample

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Line : 43
Location : 43
Sample Information : Alq 2
Sample Name : BCCL-24-2088 001_001 (24-2526)
Method Name : BAC
Sample Type : Sample

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Line : 44
Location : 44

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Sample Information :
Sample Name : Blood QC B (24-2527)
Method Name : BAC
Sample Type : Sample

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Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-24-2083 001_001 (24-2528)
Method Name : BAC
Sample Type : Sample

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Line : 46
Location : 46
Sample Information : Alq 2
Sample Name : BCCL-24-2071 001_001 (24-2529)
Method Name : BAC
Sample Type : Sample

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Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-24-2069 001_001 (24-2530)
Method Name : BAC
Sample Type : Sample

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Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-24-2062 001_001 (24-2531)
Method Name : BAC
Sample Type : Sample

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Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-24-2059 001_001 (24-2532)
Method Name : BAC
Sample Type : Sample

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Line : 50
Location : 50

Sample Information : Alq 2
Sample Name : BCCL-24-2044 001_001 (24-2533)
Method Name : BAC
Sample Type : Sample

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Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-24-2033 003_001 (24-2534)
Method Name : BAC
Sample Type : Sample

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Line : 52
Location : 52
Sample Information : Alq 2
Sample Name : BCCL-24-2031 001_001 (24-2535)
Method Name : BAC
Sample Type : Sample

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Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-24-2003 001_001 (24-2536)
Method Name : BAC
Sample Type : Sample

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Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-24-1999 001_001 (24-2537)
Method Name : BAC
Sample Type : Sample

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Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (24-2538)
Method Name : BAC
Sample Type : Sample

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Line : 56
Location : 56

mh

Sample Information :
Sample Name : High QC (24-2539)
Method Name : BAC
Sample Type : Sample

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Line : 57
Location : 57
Sample Information :
Sample Name : Low QC (24-2540)
Method Name : BAC
Sample Type : Sample

==========

Line : 58
Location : 58
Sample Information :
Sample Name : DI Water (24-2541)
Method Name : BAC
Sample Type : Sample

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mh

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

Method Information

Method: C:\Chem32\2\Methods\BAC.M
Modified: 9/17/2024 at 1:18:37 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: 9/17/2024 at 1:18:37 PM

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Agilent 7890B

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GC
GC Summary

Run Time	4 min
Post Run Time	0 min

Oven
Temperature

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

Front SS Inlet He

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

Column
Column #1
Pressure

Setpoint	On
(Initial)	24 psi
Post Run	24 psi

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

Column lock	Unlocked
In	Front SS Inlet He
Out	Front Detector FID
(Initial)	40 °C
Pressure	24 psi
Flow	6.9952 mL/min
Average Velocity	80.325 cm/sec
Holdup Time	0.62247 min

Column #2
Pressure

Setpoint	On

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 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: 9/17/2024 at 1:18:37 PM

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

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Agilent 7697A

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Agilent 7697A

Instrument Info

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

Instrument Settings

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

System Configuration

Carrier Control:	GC Instrument

Resource Conservation

Vial Standby Flow (mL/min):	20

Temperature Settings:

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

Timing Settings:

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

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 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: 9/17/2024 at 1:18:37 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: 9/17/2024 at 1:18:37 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

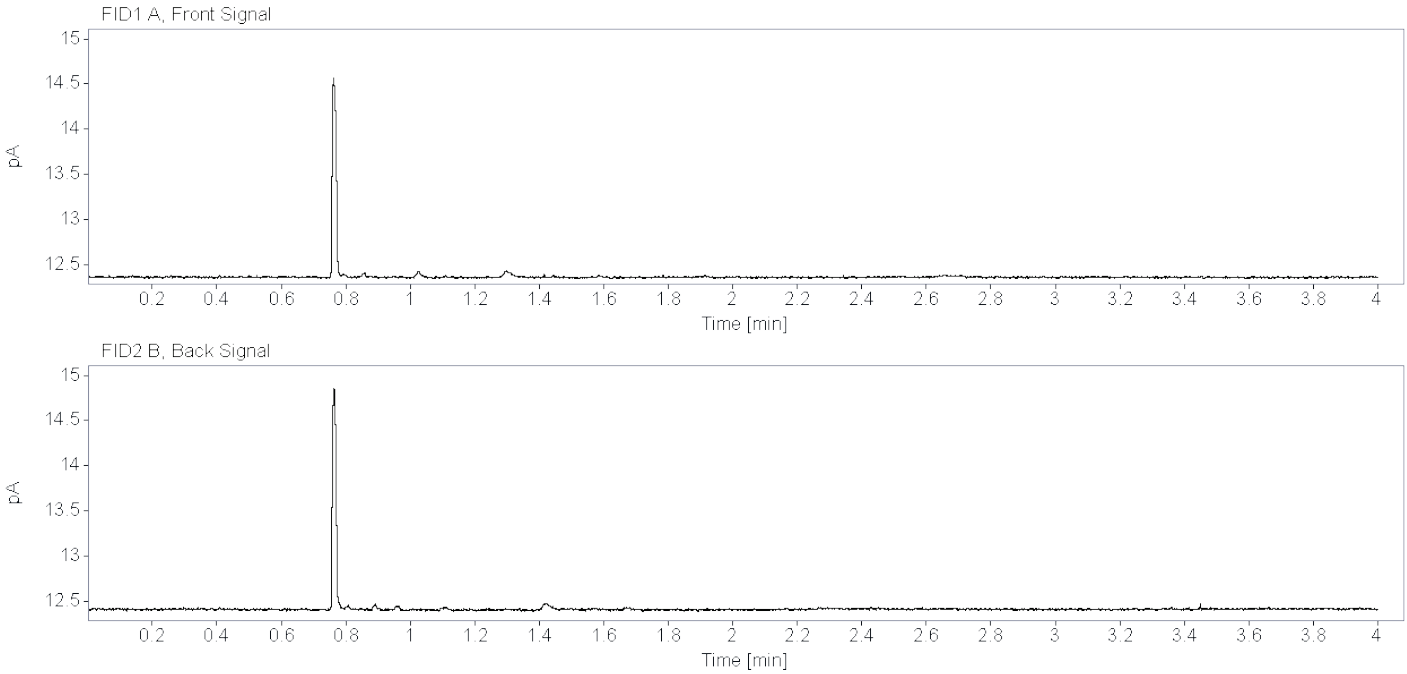
Detector Default Integration Event Table "Event_uECD"

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

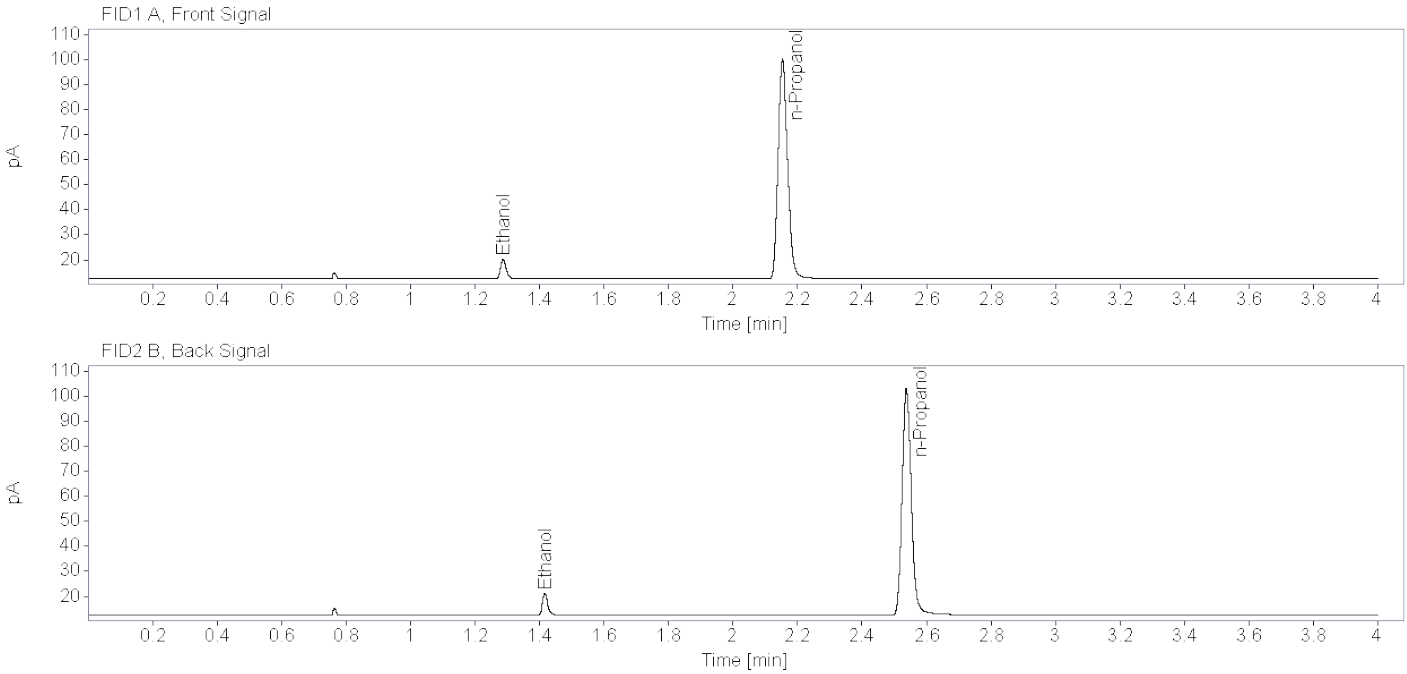
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 8:39:03 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241119PC_MH 2024-11-19 08-29-08\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:** 11/19/2024 8:43:45 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241119PC_MH 2024-11-19 08-29-08\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74649	1.287	1.287	9.5646	0.0119
n-Propanol	0.81061	2.153	2.154	177.1893	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73170	1.416	1.416	9.5461	0.0122
n-Propanol	0.84834	2.538	2.538	177.6680	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 11/20/2024 8:55:32 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
1.282	1	1	1.00000e-2	9.46176	1.05689e-3	No	No	1	Ethanol
		2	2.50000e-2	23.75684	1.05233e-3				
		3	5.00000e-2	48.38813	1.03331e-3				
		4	1.00000e-1	97.31165	1.02763e-3				
		5	2.00000e-1	197.29665	1.01370e-3				
		6	4.00000e-1	396.68839	1.00835e-3				
		7	5.00000e-1	490.45605	1.01946e-3				
1.411	2	1	1.00000e-2	9.35707	1.06871e-3	No	No	2	Ethanol
		2	2.50000e-2	23.59720	1.05945e-3				
		3	5.00000e-2	48.58250	1.02918e-3				
		4	1.00000e-1	98.62949	1.01390e-3				
		5	2.00000e-1	199.89348	1.00053e-3				
		6	4.00000e-1	402.35602	9.94144e-4				
		7	5.00000e-1	498.73853	1.00253e-3				
2.153	1	1	1.00000e-2	178.00801	5.61772e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	176.00461	5.68167e-5				
		3	1.00000e-2	178.25388	5.60998e-5				
		4	1.00000e-2	177.49422	5.63399e-5				
		5	1.00000e-2	178.57213	5.59998e-5				
		6	1.00000e-2	177.63573	5.62950e-5				
		7	1.00000e-2	174.02325	5.74636e-5				
2.536	2	1	1.00000e-2	178.59879	5.59914e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	176.10498	5.67843e-5				
		3	1.00000e-2	178.65602	5.59735e-5				
		4	1.00000e-2	177.22166	5.64265e-5				
		5	1.00000e-2	178.35509	5.60679e-5				
		6	1.00000e-2	177.64943	5.62906e-5				
		7	1.00000e-2	173.68863	5.75743e-5				

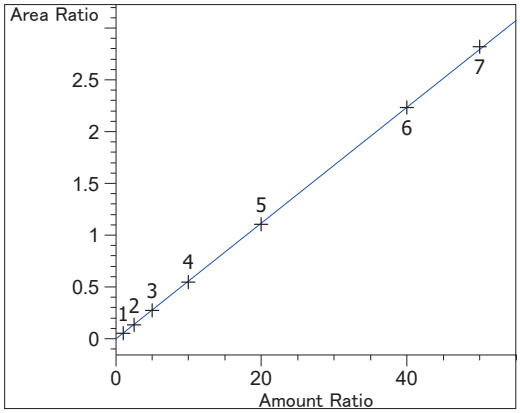
Peak Sum Table

No Entries in table

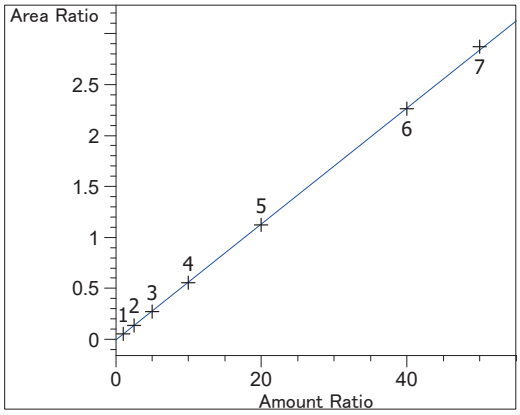
1 Warnings or Errors :

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

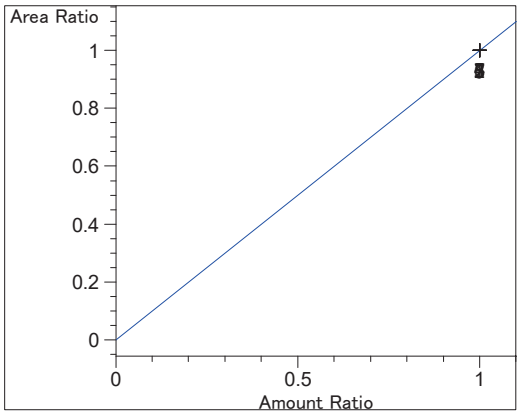
Calibration Curves



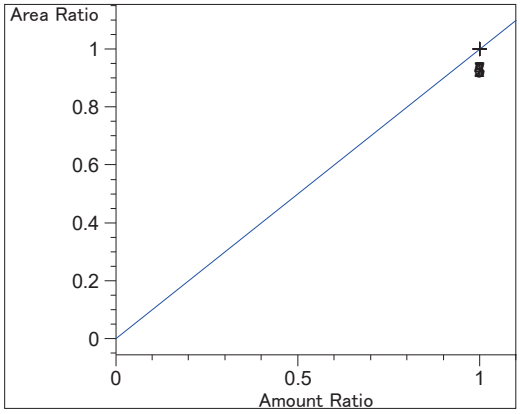
Ethanol at exp. RT: 1.282
FID1 A, Front Signal
Correlation: 0.99996
Residual Std. Dev.: 0.01195
Formula: y = mx + b
m: 5.59992e-2
b: -4.59994e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.393793
Level 3 : 0.195809
Level 4 : 0.096951
Level 5 : 0.048109
Level 6 : 0.023802
Level 7 : 0.01886



Ethanol at exp. RT: 1.411
FID2 B, Back Signal
Correlation: 0.99993
Residual Std. Dev.: 0.01529
Formula: y = mx + b
m: 5.69660e-2
b: -6.99376e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.390996
Level 3 : 0.192663
Level 4 : 0.094139
Level 5 : 0.046746
Level 6 : 0.023132
Level 7 : 0.018246



n-Propanol at exp. RT: 2.153
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

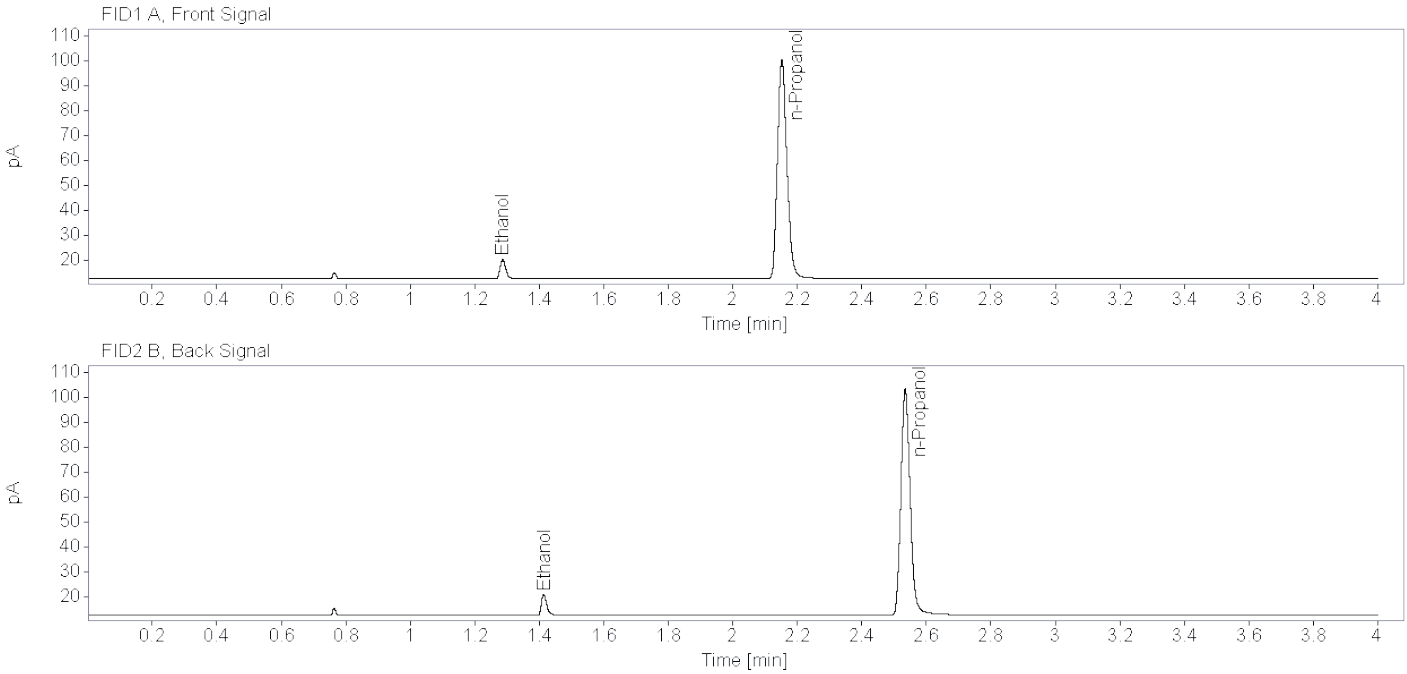


n-Propanol at exp. RT: 2.536
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

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Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (24-2484) **Description:** **Sample Barcode** 24-2484 **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 12:38:48 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\001F0101.D



Name FID1A

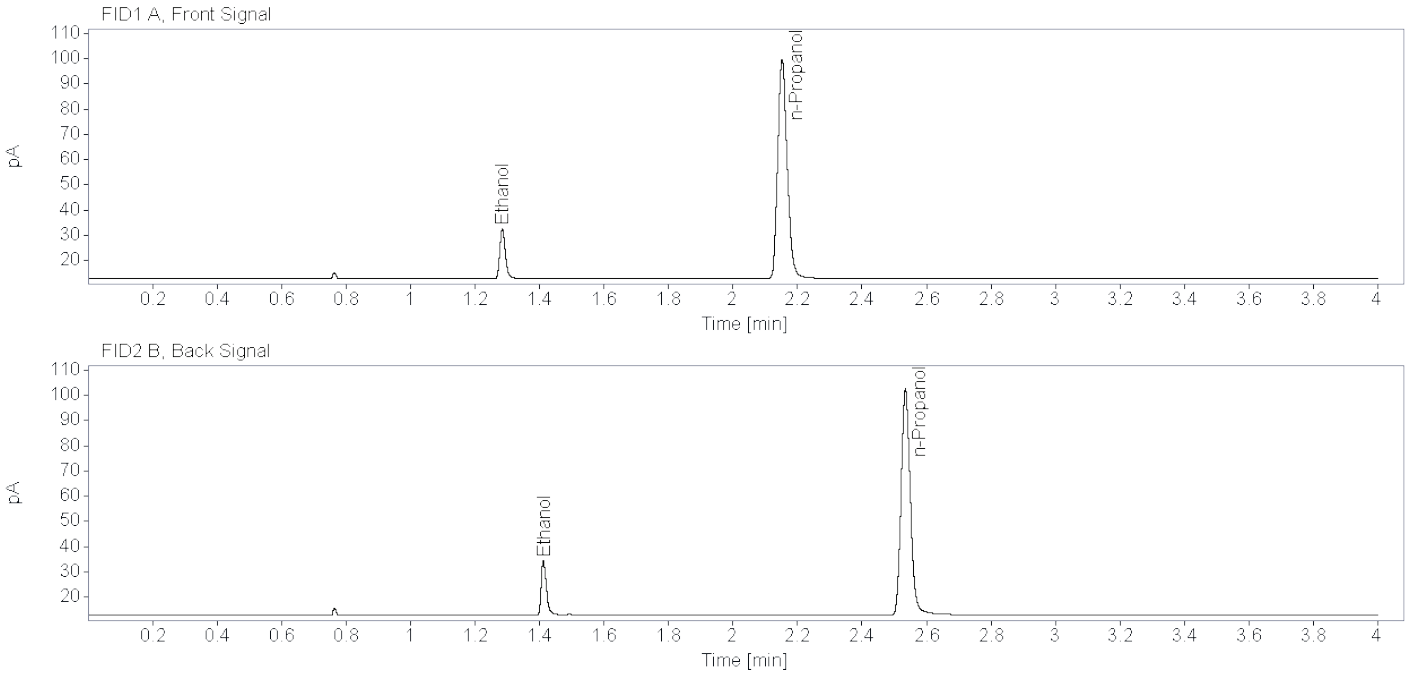
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73241	1.286	1.286	9.4618	0.0103
n-Propanol	0.80113	2.152	2.152	178.0080	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70315	1.414	1.414	9.3571	0.0104
n-Propanol	0.84549	2.535	2.535	178.5988	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (24-2485) **Description:** **Sample Barcode** 24-2485 **Vial Number:** 2
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 12:43:31 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\002F0201.D



Name FID1A

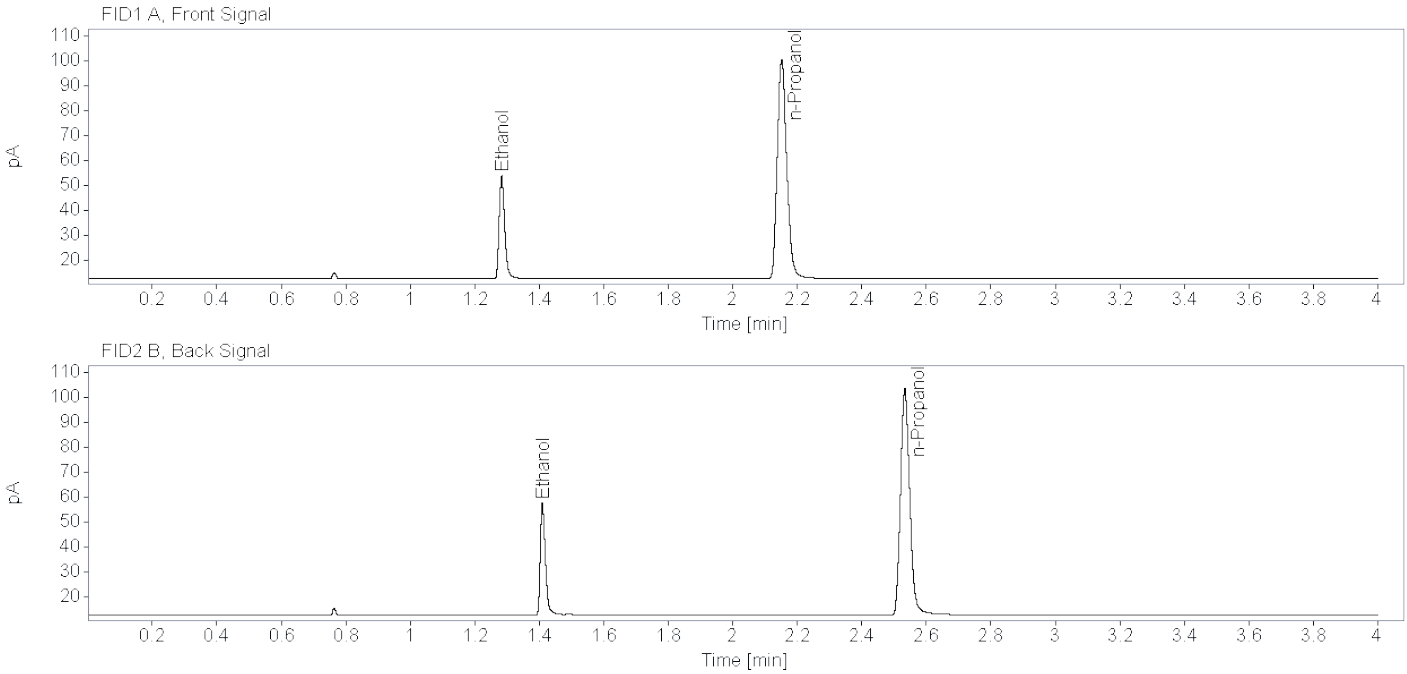
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73777	1.285	1.285	23.7568	0.0249
n-Propanol	0.79128	2.152	2.152	176.0046	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68710	1.412	1.412	23.5972	0.0247
n-Propanol	0.83965	2.535	2.535	176.1050	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (24-2486) **Description:** **Sample Barcode** 24-2486 **Vial Number:** 3
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 12:49:12 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\003F0301.D



Name FID1A

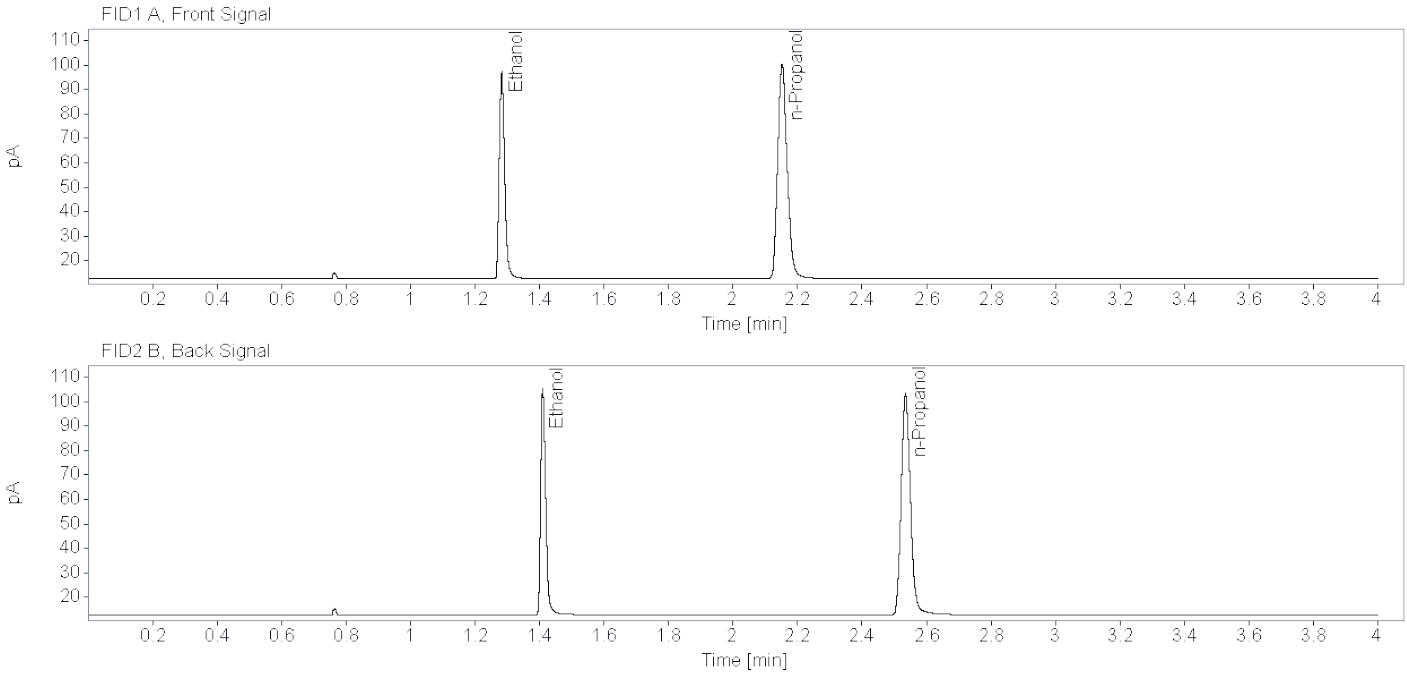
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71714	1.283	1.283	48.3881	0.0493
n-Propanol	0.80434	2.152	2.152	178.2539	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69086	1.410	1.410	48.5825	0.0490
n-Propanol	0.82845	2.534	2.534	178.6560	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (24-2487) **Description:** **Sample Barcode** 24-2487 **Vial Number:** 4
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 12:53:55 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\004F0401.D



Name FID1A

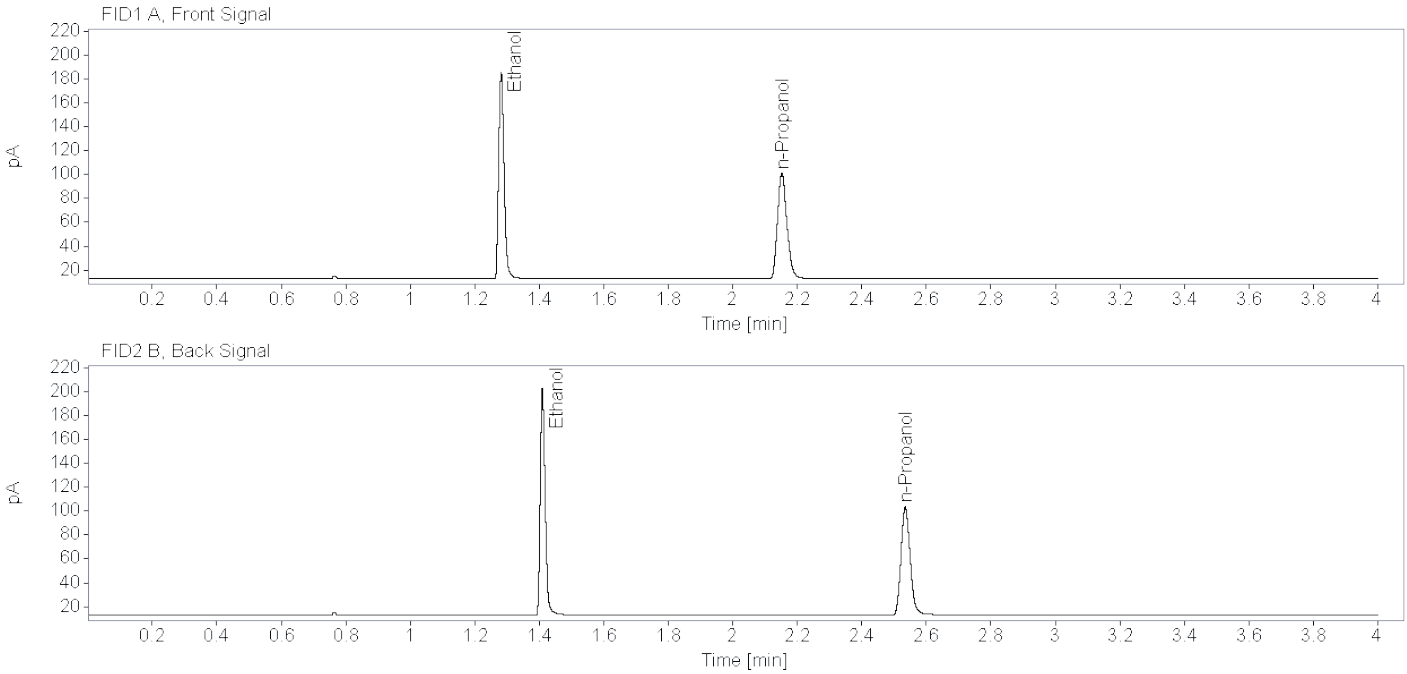
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73959	1.283	1.283	97.3116	0.0987
n-Propanol	0.79352	2.152	2.152	177.4942	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74717	1.410	1.410	98.6295	0.0989
n-Propanol	0.83491	2.535	2.535	177.2217	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (24-2488) **Description:** **Sample Barcode** 24-2488 **Vial Number:** 5
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 12:59:36 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\005F0501.D



Name FID1A

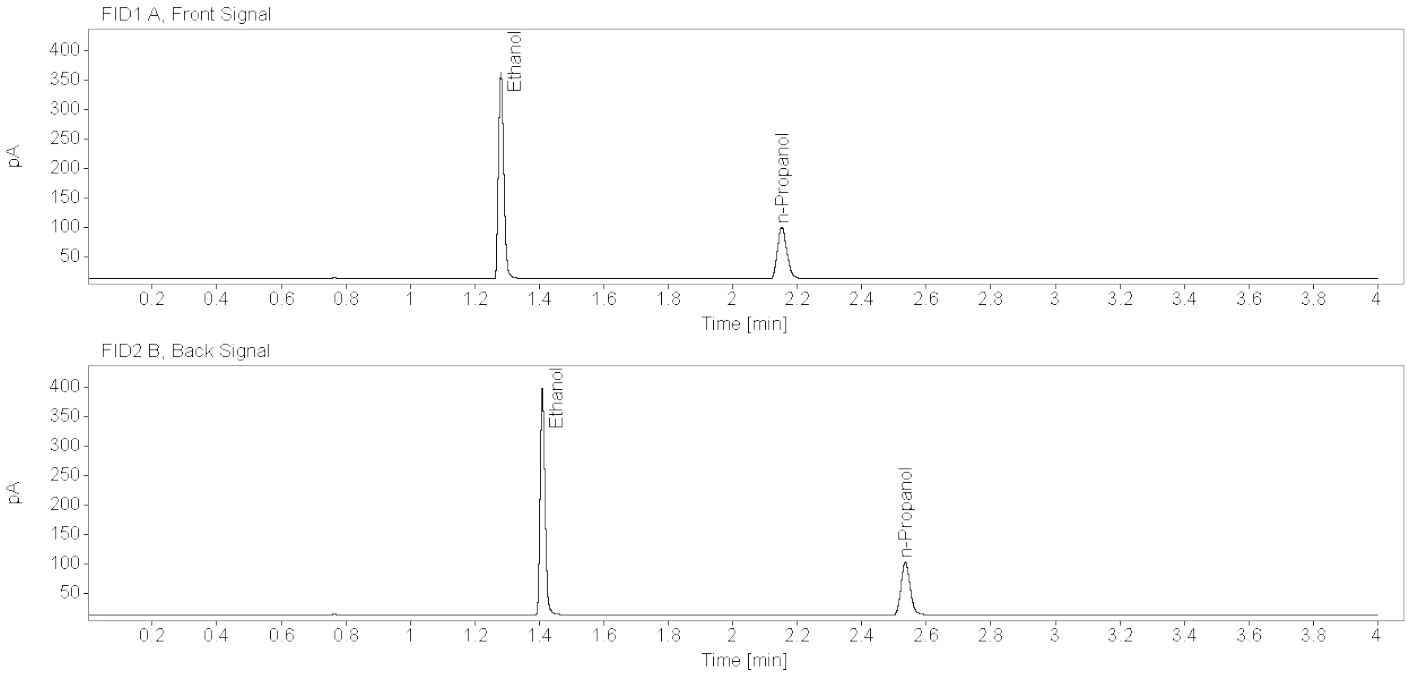
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76746	1.282	1.282	197.2966	0.1981
n-Propanol	0.79763	2.152	2.152	178.5721	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75949	1.410	1.410	199.8935	0.1980
n-Propanol	0.83768	2.535	2.535	178.3551	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (24-2489) **Description:** **Sample Barcode** 24-2489 **Vial Number:** 6
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 1:05:01 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\006F0601.D



Name FID1A

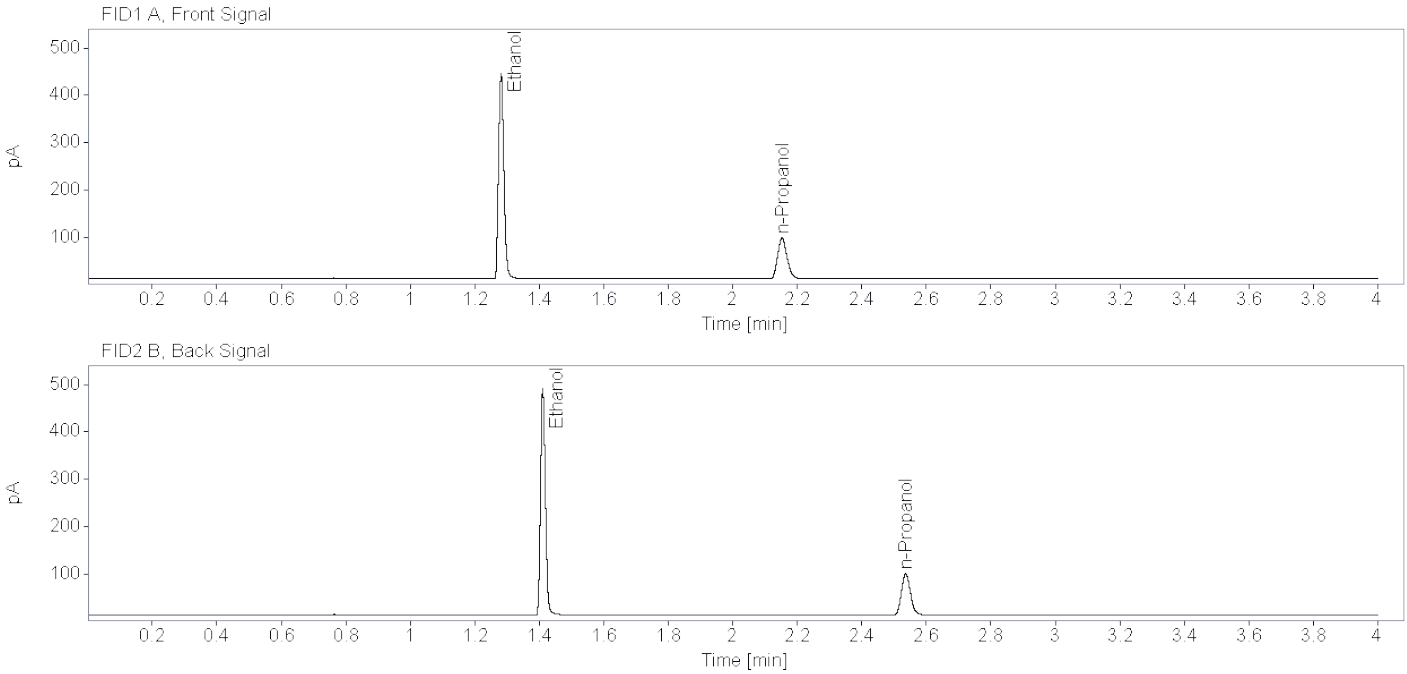
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78924	1.281	1.281	396.6884	0.3996
n-Propanol	0.79738	2.152	2.152	177.6357	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80720	1.410	1.410	402.3560	0.3988
n-Propanol	0.83935	2.535	2.535	177.6494	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (24-2490) **Description:** **Sample Barcode** 24-2490 **Vial Number:** 7
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 1:10:00 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\007F0701.D



Name FID1A

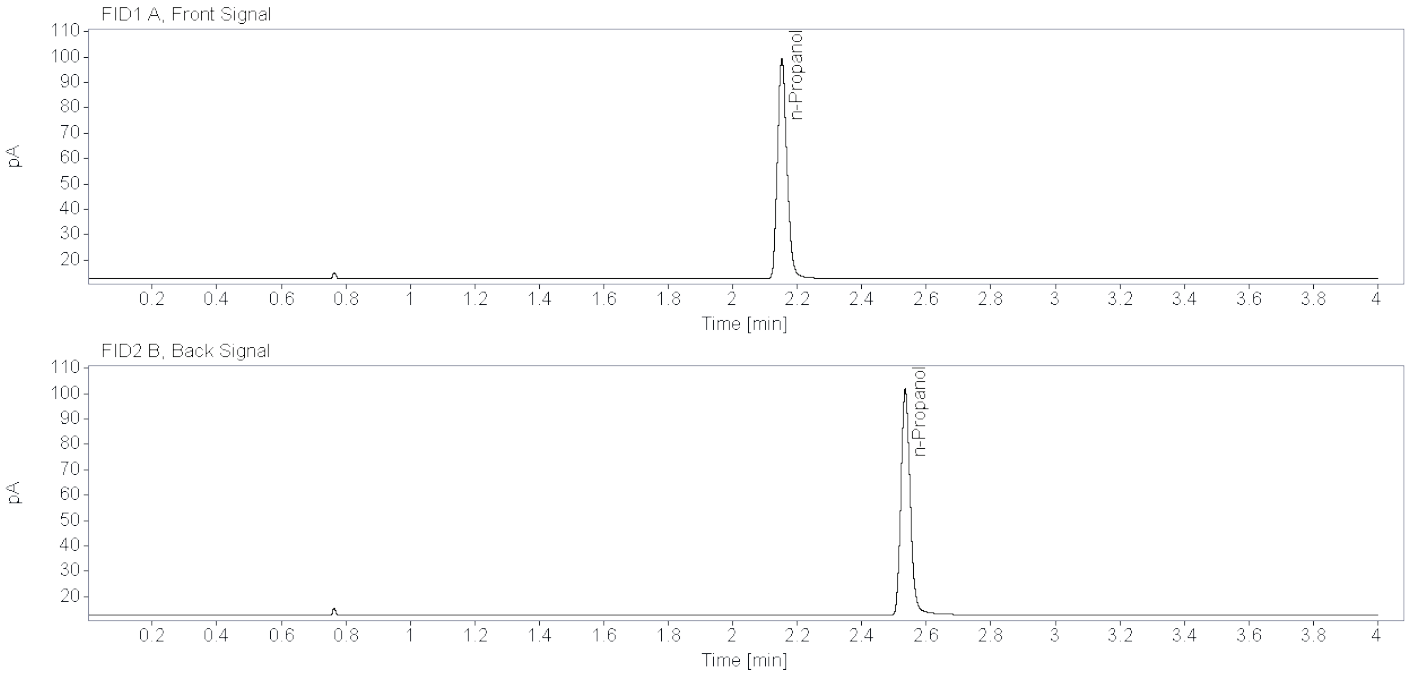
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80775	1.282	1.282	490.4561	0.5041
n-Propanol	0.79166	2.153	2.153	174.0233	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85891	1.411	1.411	498.7385	0.5053
n-Propanol	0.82324	2.536	2.536	173.6886	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (24--2491) **Description:** **Sample Barcode** 24-2491 **Vial Number:** 8
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 1:15:25 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\008F0801.D



Name FID1A

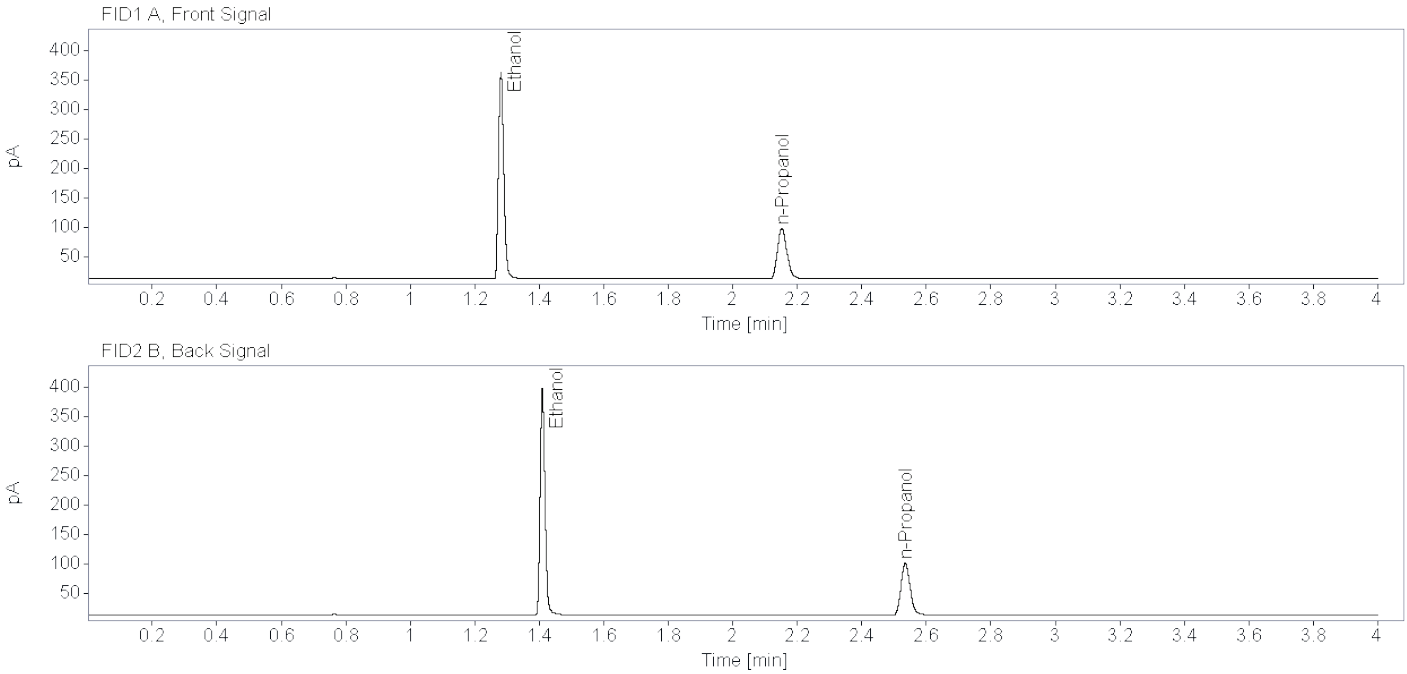
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80861	2.152	2.153	175.7562	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83462	2.535	2.536	175.4454	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-2492) **Description:** **Sample Barcode** 24-2492 **Vial Number:** 9
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 1:20:24 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\009F0901.D



Name FID1A

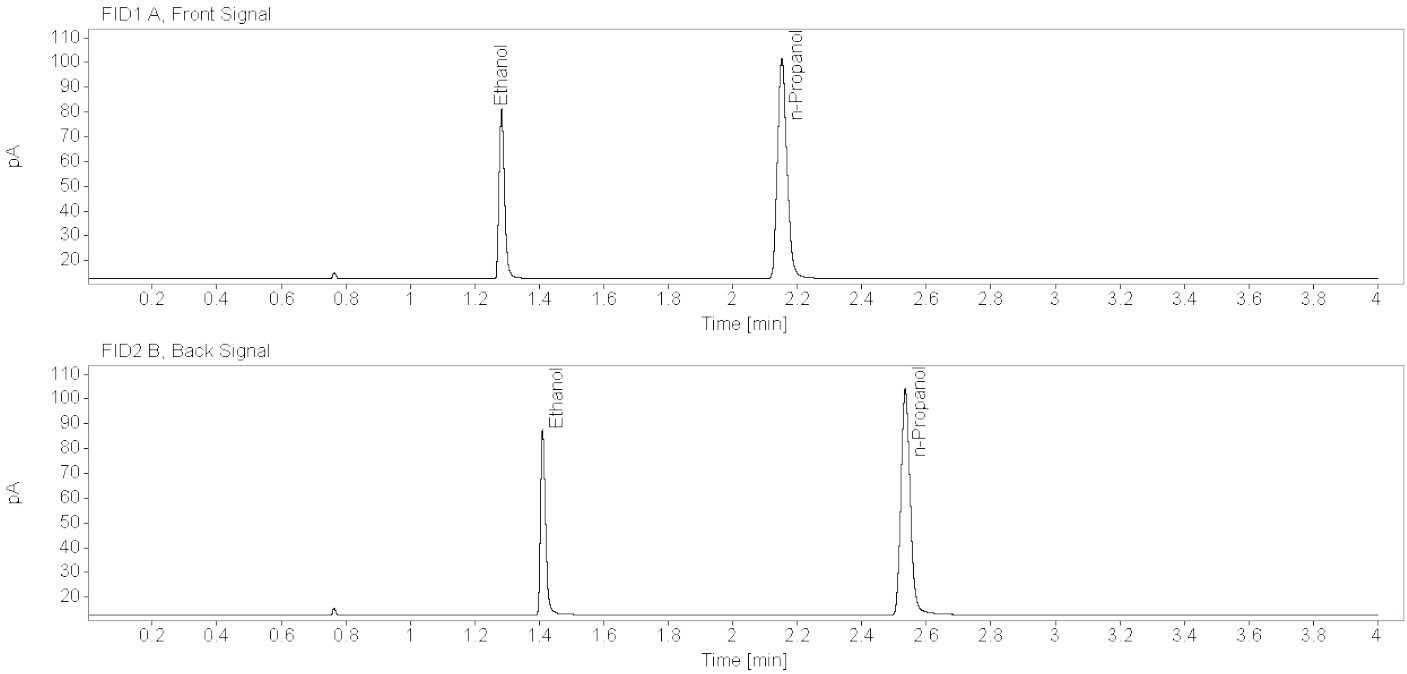
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78524	1.281	1.282	397.9261	0.4066
n-Propanol	0.80351	2.152	2.153	175.1178	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80566	1.410	1.411	403.6903	0.4061
n-Propanol	0.83535	2.535	2.536	175.0427	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-2493) **Description:** **Sample Barcode** 24-2493 **Vial Number:** 10
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 1:25:49 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\010F1001.D



Name FID1A

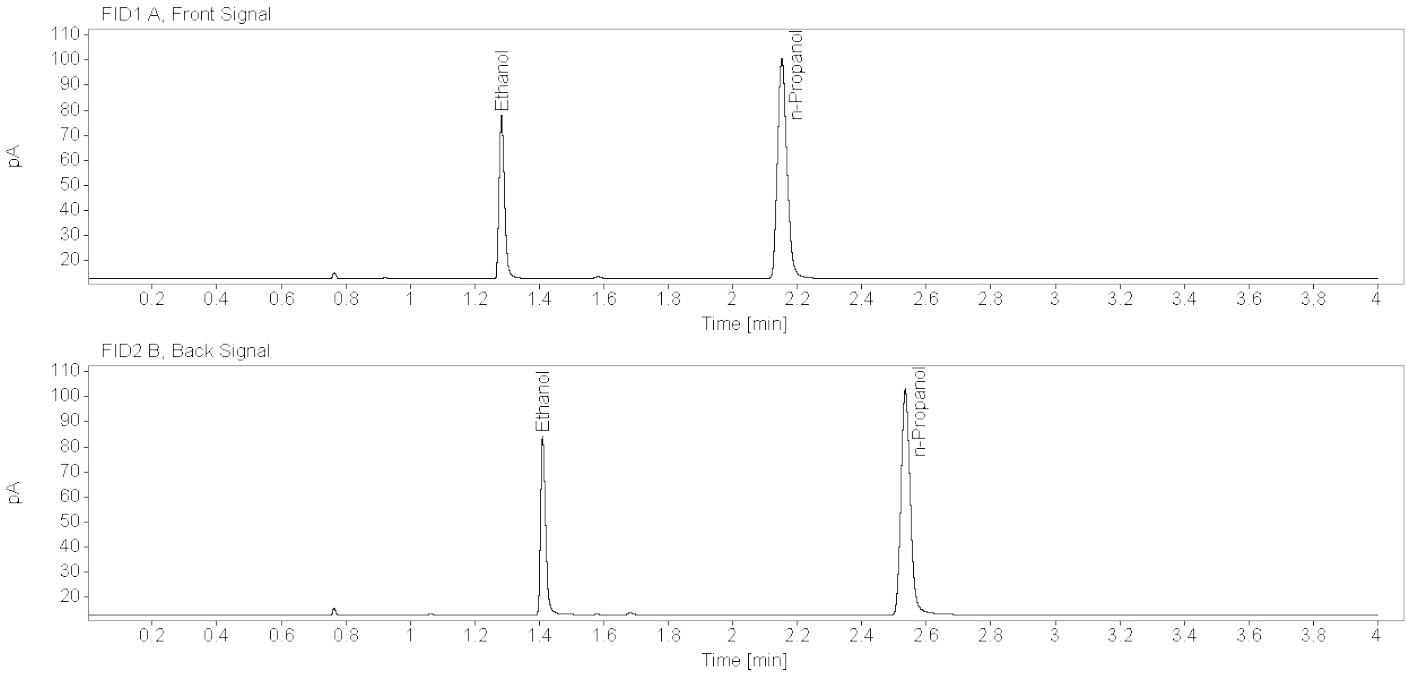
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74257	1.283	1.282	79.5765	0.0797
n-Propanol	0.79790	2.152	2.153	180.0914	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72796	1.411	1.411	80.2801	0.0795
n-Propanol	0.84106	2.535	2.536	179.9816	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-2494) **Description:** **Sample Barcode** 24-2494 **Vial Number:** 11
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 1:30:48 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\011F1101.D



Name FID1A

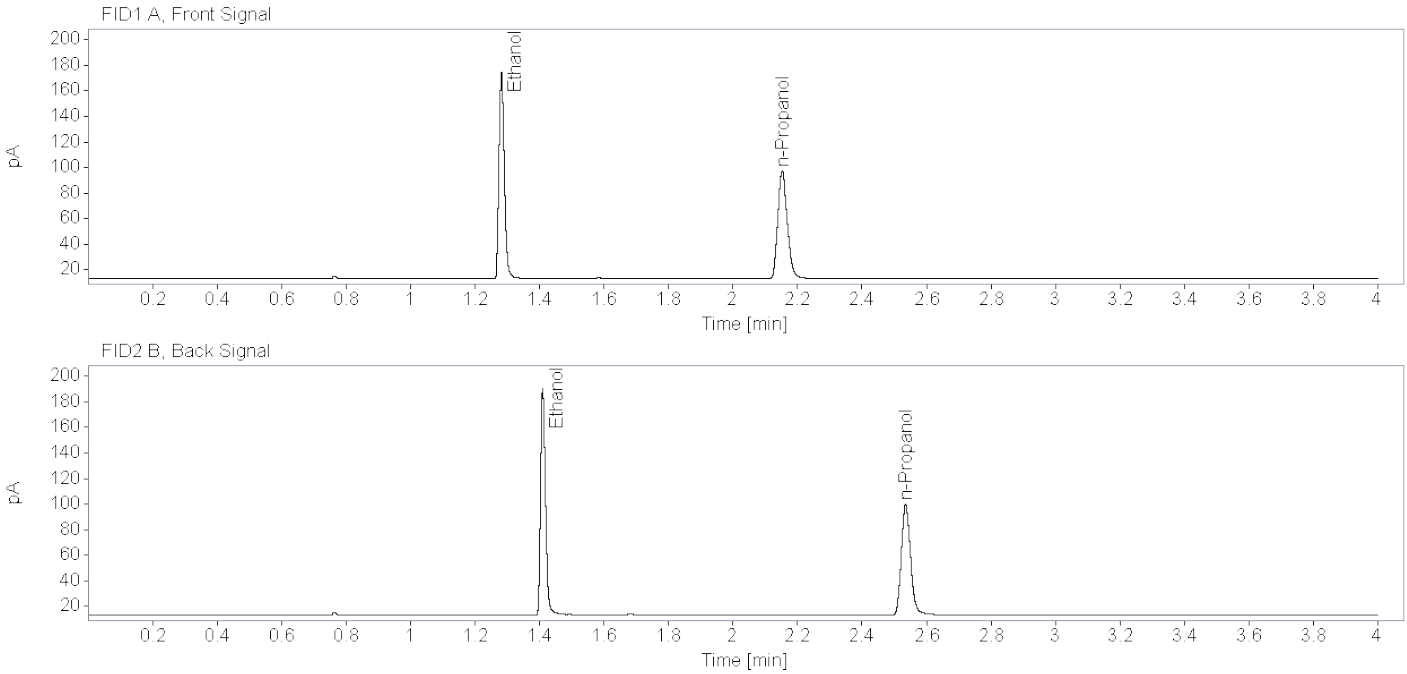
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74383	1.283	1.282	75.7216	0.0767
n-Propanol	0.79819	2.152	2.153	178.1597	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73355	1.411	1.411	76.2774	0.0764
n-Propanol	0.83833	2.535	2.536	178.1304	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-2505) **Description:** **Sample Barcode** 24-2505 **Vial Number:** 22
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 2:28:13 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\022F2201.D



Name FID1A

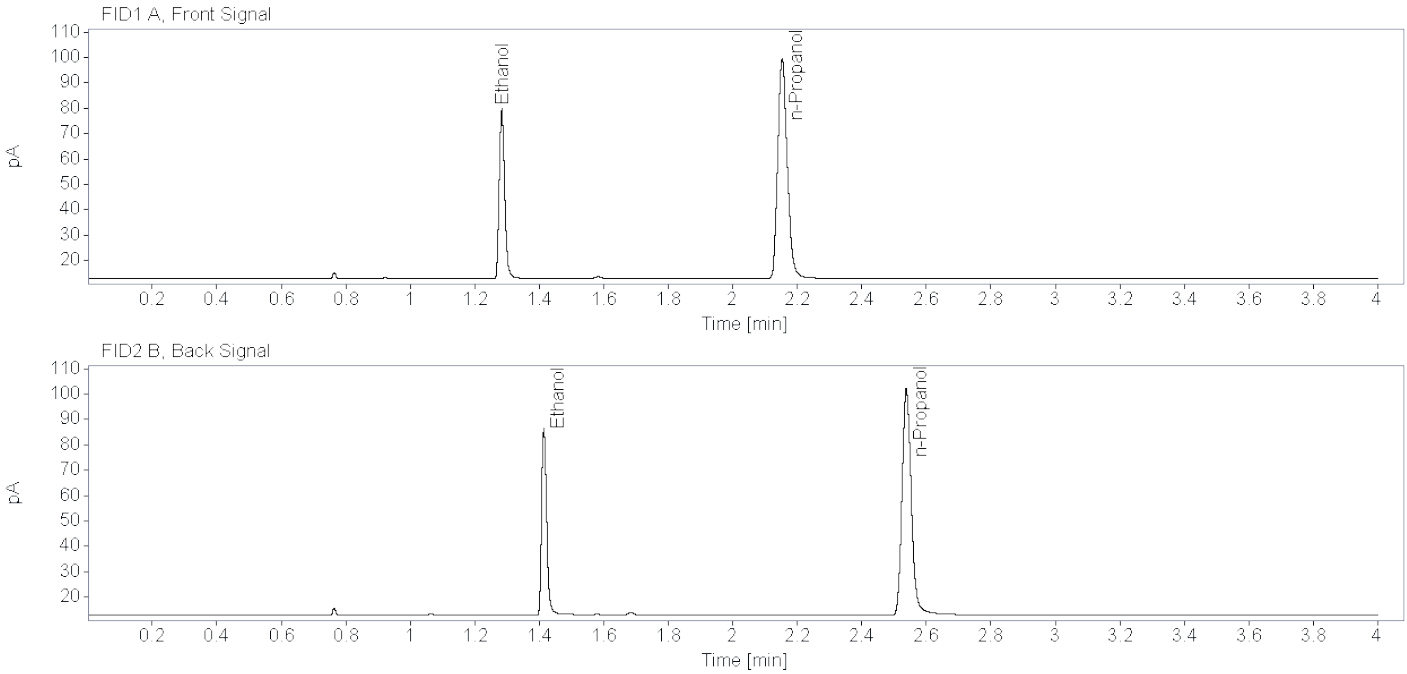
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77311	1.282	1.282	184.9993	0.1937
n-Propanol	0.78805	2.152	2.153	171.2949	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77648	1.410	1.411	187.0791	0.1933
n-Propanol	0.83119	2.535	2.536	171.0204	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-2516) **Description:** **Sample Barcode** 24-2516 **Vial Number:** 33
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 3:25:11 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\033F3301.D



Name FID1A

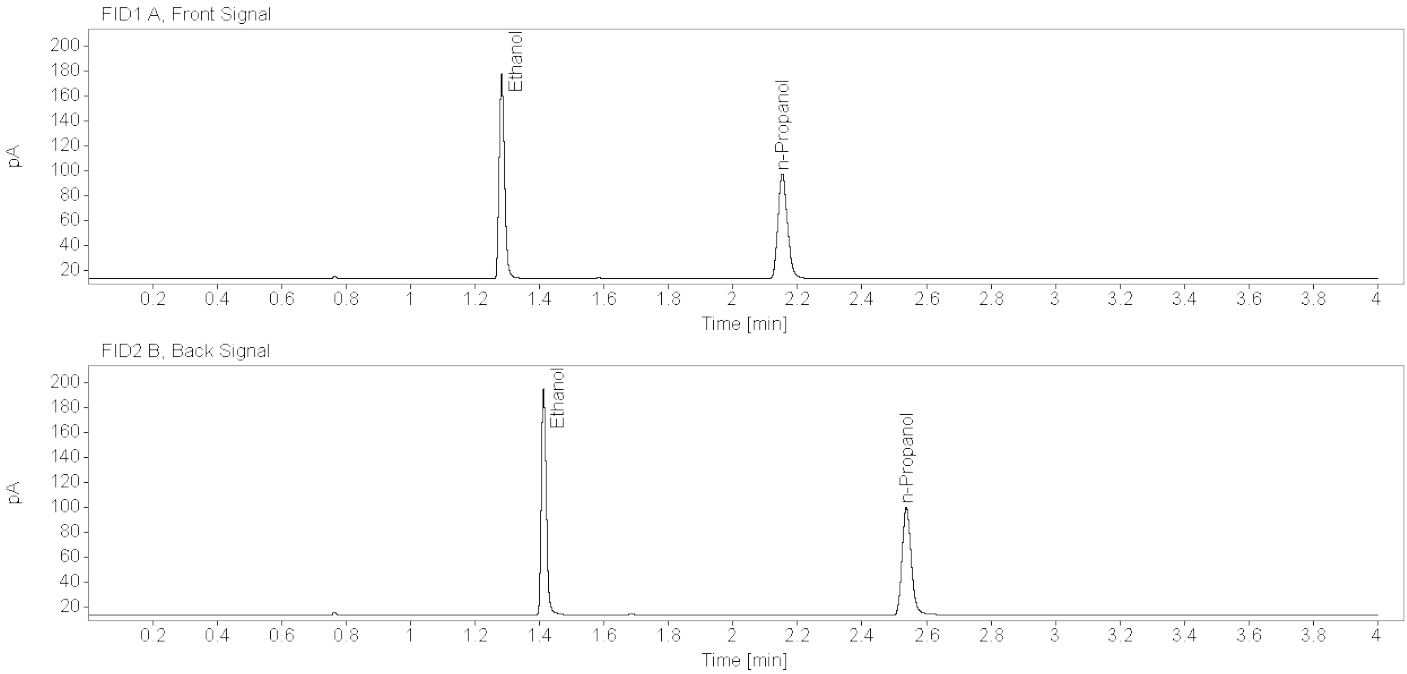
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77057	1.284	1.282	77.5167	0.0794
n-Propanol	0.79414	2.153	2.153	176.1612	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76875	1.414	1.411	78.1845	0.0794
n-Propanol	0.83252	2.538	2.536	175.5345	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-2527) **Description:** **Sample Barcode** 24-2527 **Vial Number:** 44
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 4:23:19 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\044F4401.D



Name FID1A

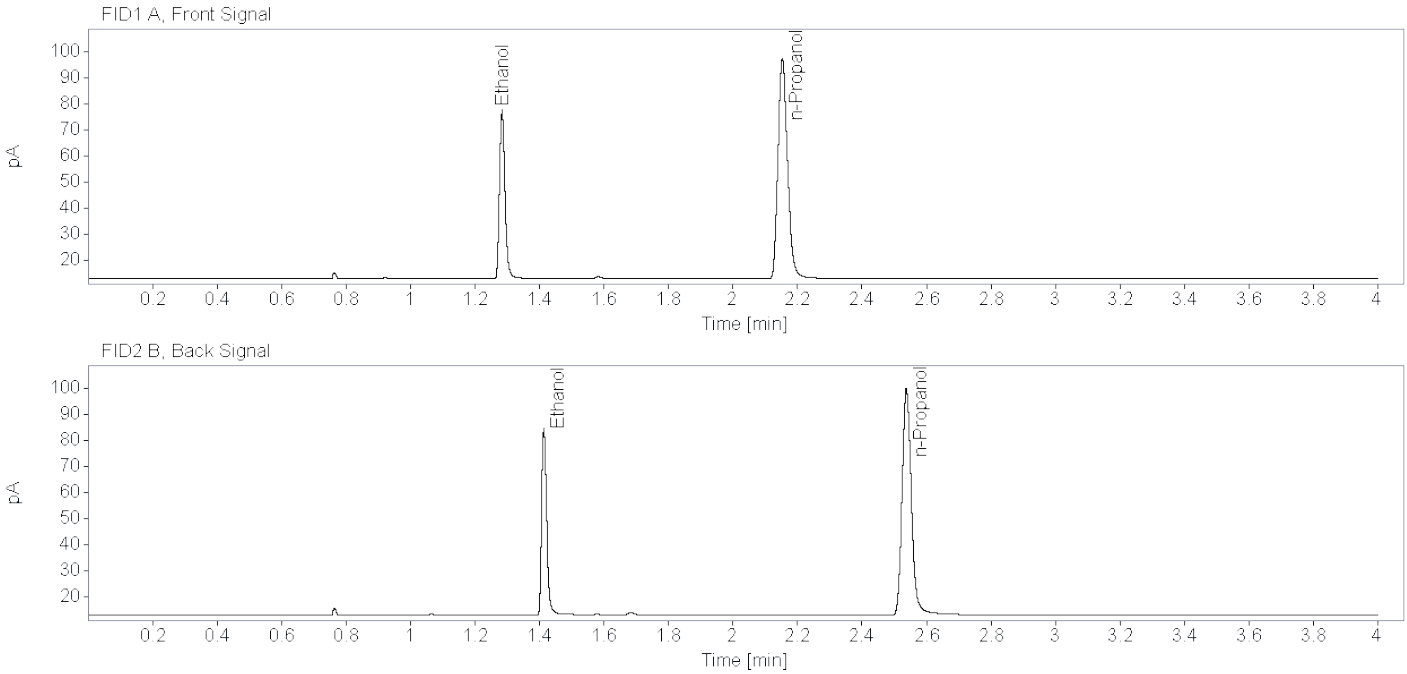
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77619	1.283	1.282	188.4649	0.1977
n-Propanol	0.79634	2.153	2.153	170.9855	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78056	1.413	1.411	191.1249	0.1980
n-Propanol	0.82748	2.537	2.536	170.5381	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-2538) **Description:** **Sample Barcode** 24-2538 **Vial Number:** 55
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 5:20:19 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\055F5501.D



Name FID1A

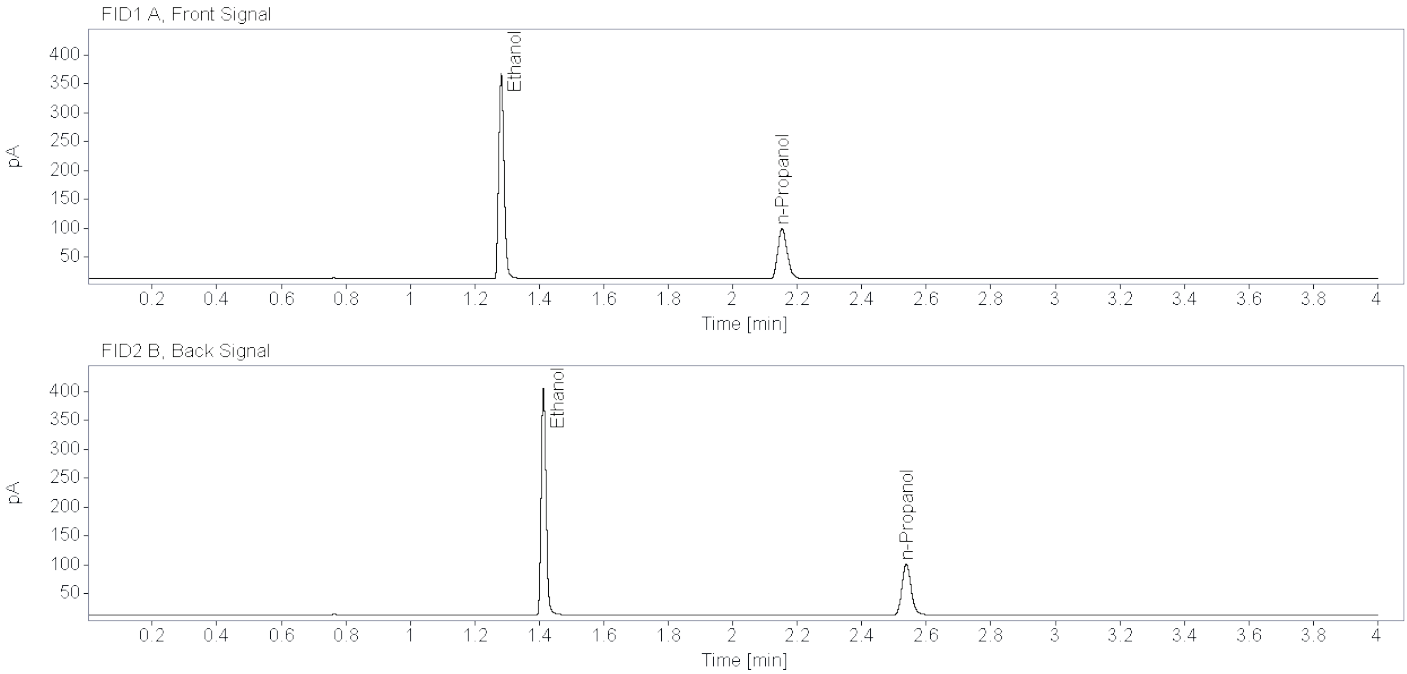
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75181	1.284	1.282	75.4328	0.0790
n-Propanol	0.79258	2.153	2.153	172.2262	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75446	1.414	1.411	76.2699	0.0791
n-Propanol	0.83190	2.538	2.536	171.8488	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-2539) **Description:** **Sample Barcode** 24-2539 **Vial Number:** 56
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 5:25:44 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\056F5601.D



Name FID1A

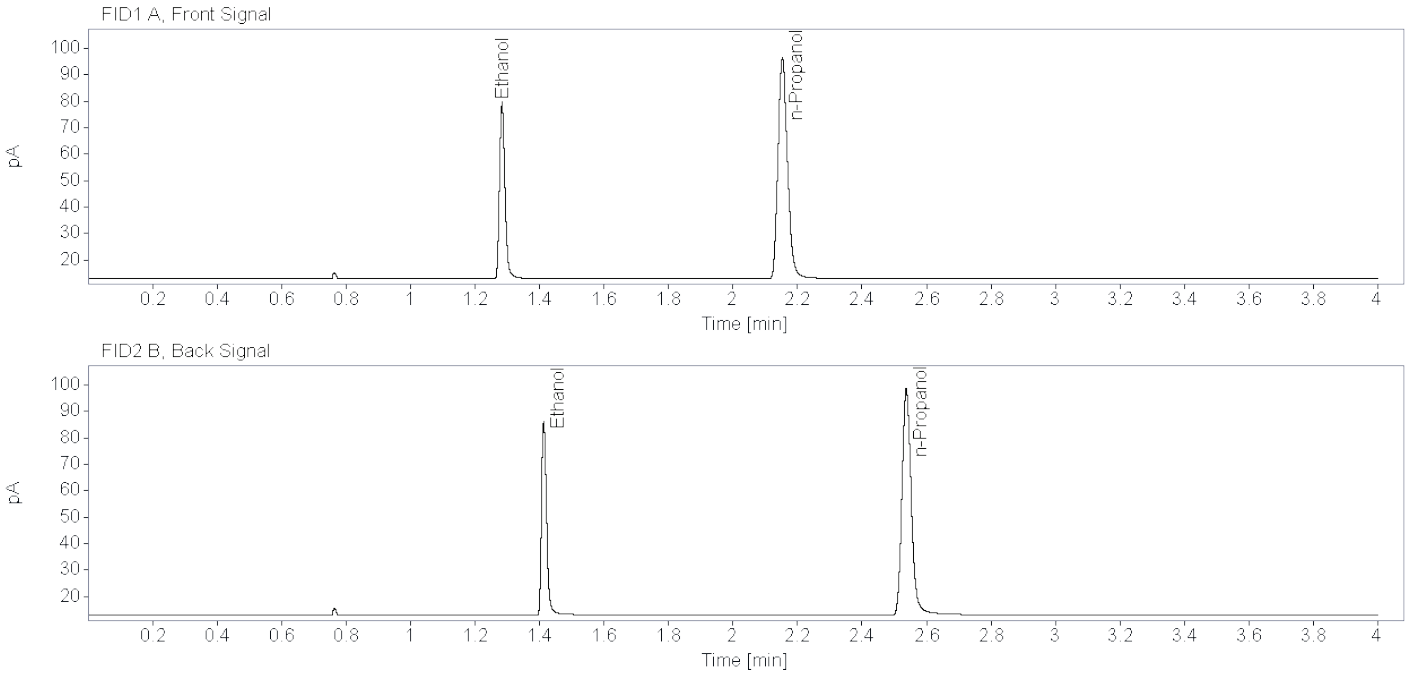
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81174	1.282	1.282	404.4643	0.4097
n-Propanol	0.79531	2.153	2.153	176.6534	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82004	1.413	1.411	410.6730	0.4112
n-Propanol	0.83105	2.538	2.536	175.8458	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-2540) **Description:** **Sample Barcode** 24-2540 **Vial Number:** 57
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 5:30:43 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\057F5701.D



Name FID1A

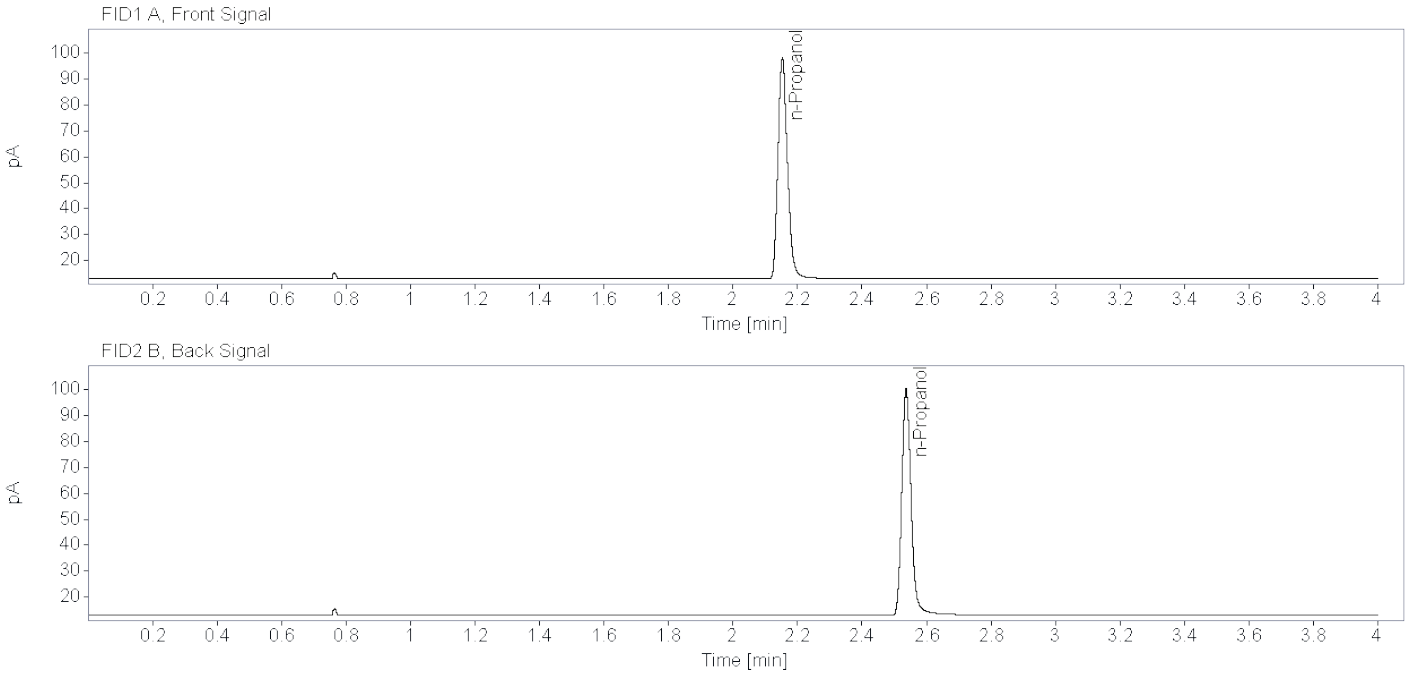
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74505	1.284	1.282	77.0530	0.0821
n-Propanol	0.79756	2.153	2.153	169.3280	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73788	1.413	1.411	77.9680	0.0823
n-Propanol	0.82727	2.537	2.536	168.7273	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (24-2541) **Description:** **Sample Barcode** 24-2541 **Vial Number:** 58
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 5:36:08 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79150	2.153	2.153	173.1034	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82190	2.537	2.536	172.5134	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1999 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3823	Aliquot 1:	0.3815
	Aliquot 2:	0.4070	Aliquot 2:	0.4095

Reported Result: **0.395** **g/100 mL**

Reported UM: **0.064** **g/100 mL**

Comments:

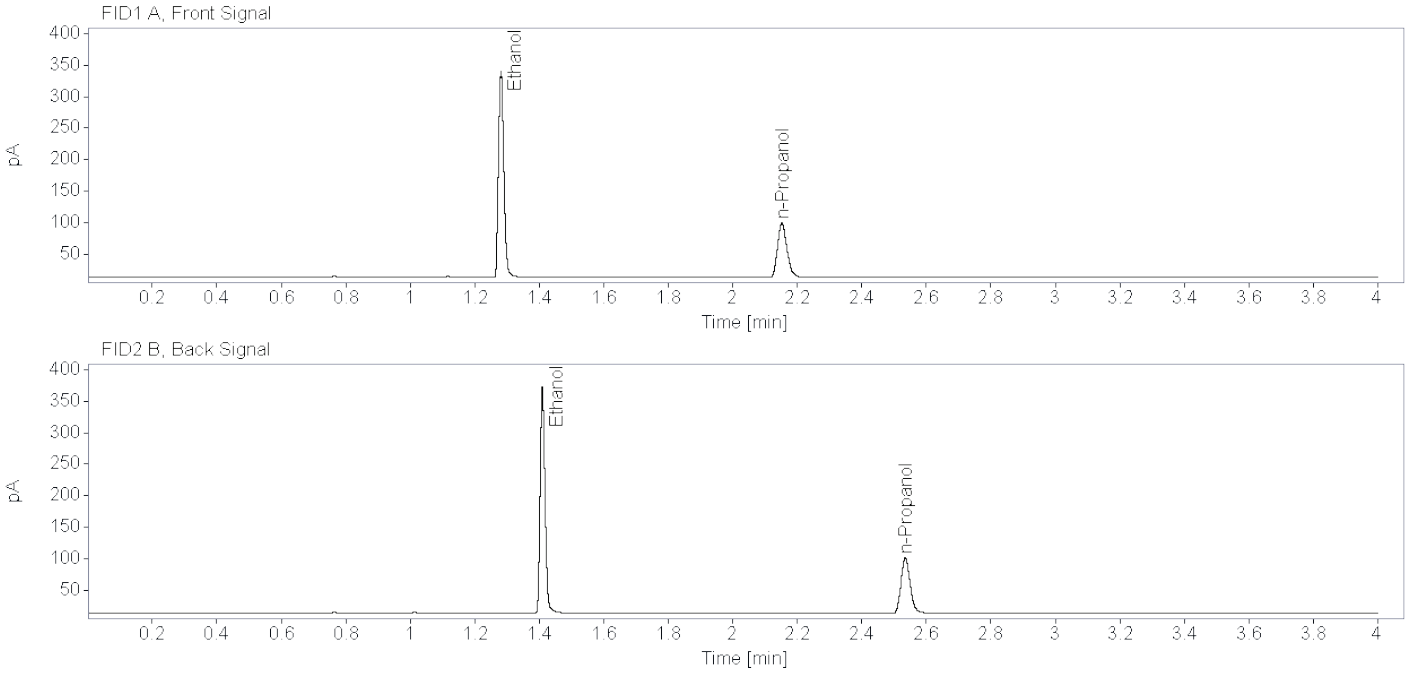
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1999 001_001 (24-2495) **Description:** Alq 1 **Sample Barcode** 24-2495 **Vial Number:** 12

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 1:36:13 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\012F1201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79006	1.282	1.282	373.3696	0.3823
n-Propanol	0.79343	2.152	2.153	174.7590	0.0100

Name FID2B

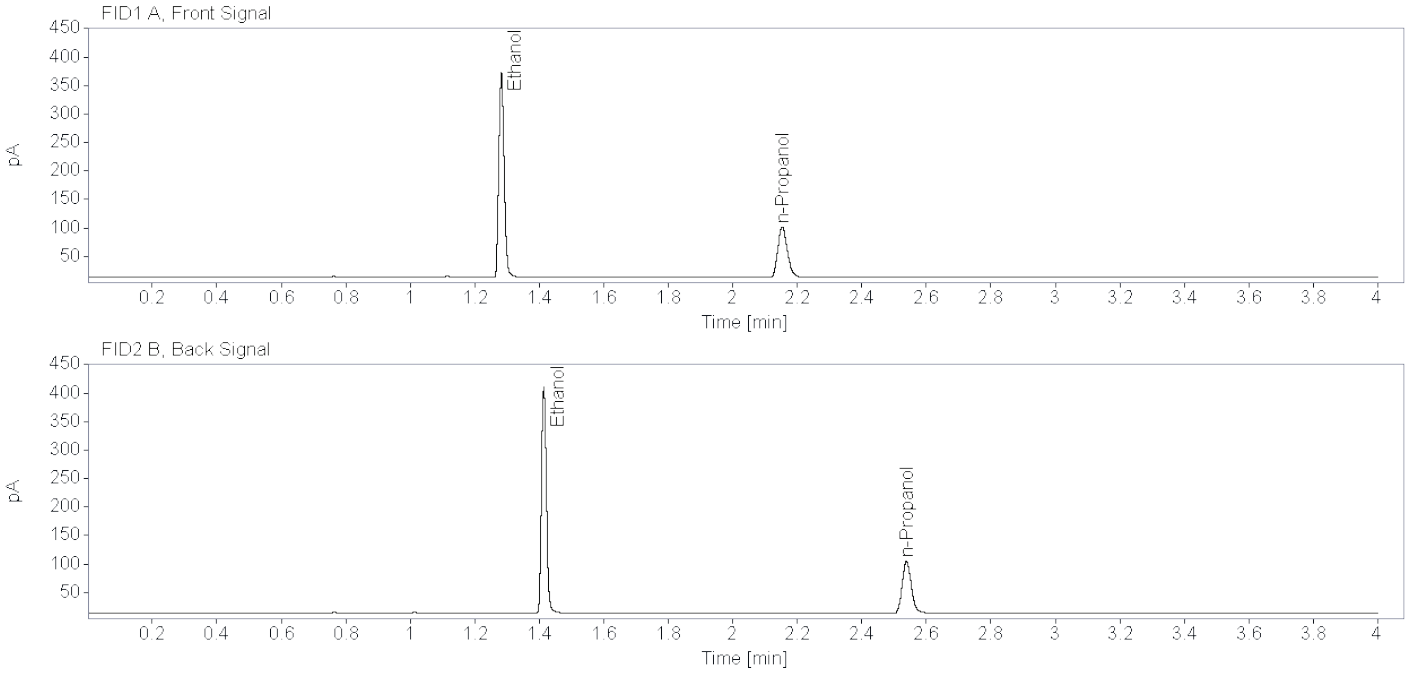
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79817	1.410	1.411	378.1766	0.3815
n-Propanol	0.83649	2.535	2.536	174.5535	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1999 001_001 (24-2537) **Description:** Alq 2 **Sample Barcode** 24-2537 **Vial Number:** 54

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 5:15:20 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81848	1.283	1.282	410.9969	0.4070
n-Propanol	0.79471	2.153	2.153	180.7089	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84739	1.414	1.411	417.8687	0.4095
n-Propanol	0.83380	2.539	2.536	179.6830	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2003 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1664	Aliquot 1:	0.1662
	Aliquot 2:	0.1729	Aliquot 2:	0.1735

Reported Result: **0.169** **g/100 mL**

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

Comments:

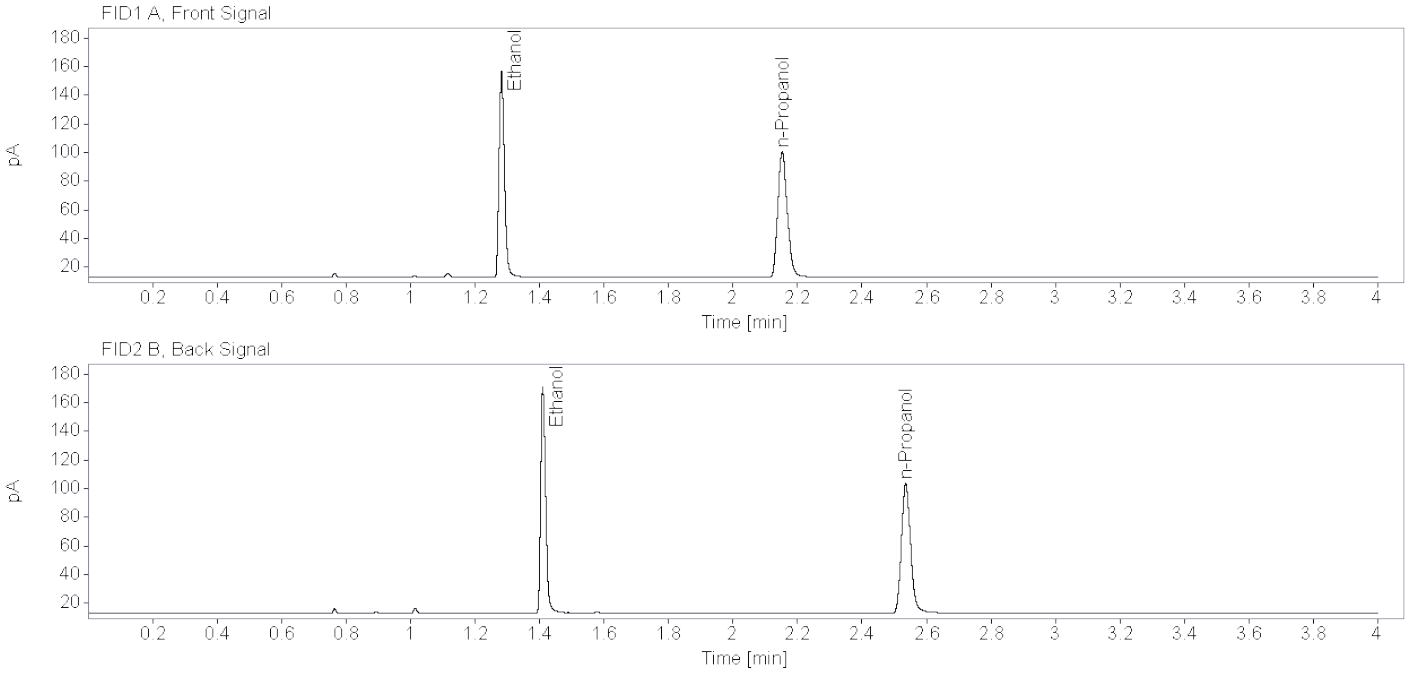
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2003 001_001 (24-2496) **Description:** Alq 1 **Sample Barcode** 24-2496 **Vial Number:** 13

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 1:41:12 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\013F1301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76432	1.282	1.282	165.2379	0.1664
n-Propanol	0.79109	2.152	2.153	178.2166	0.0100

Name FID2B

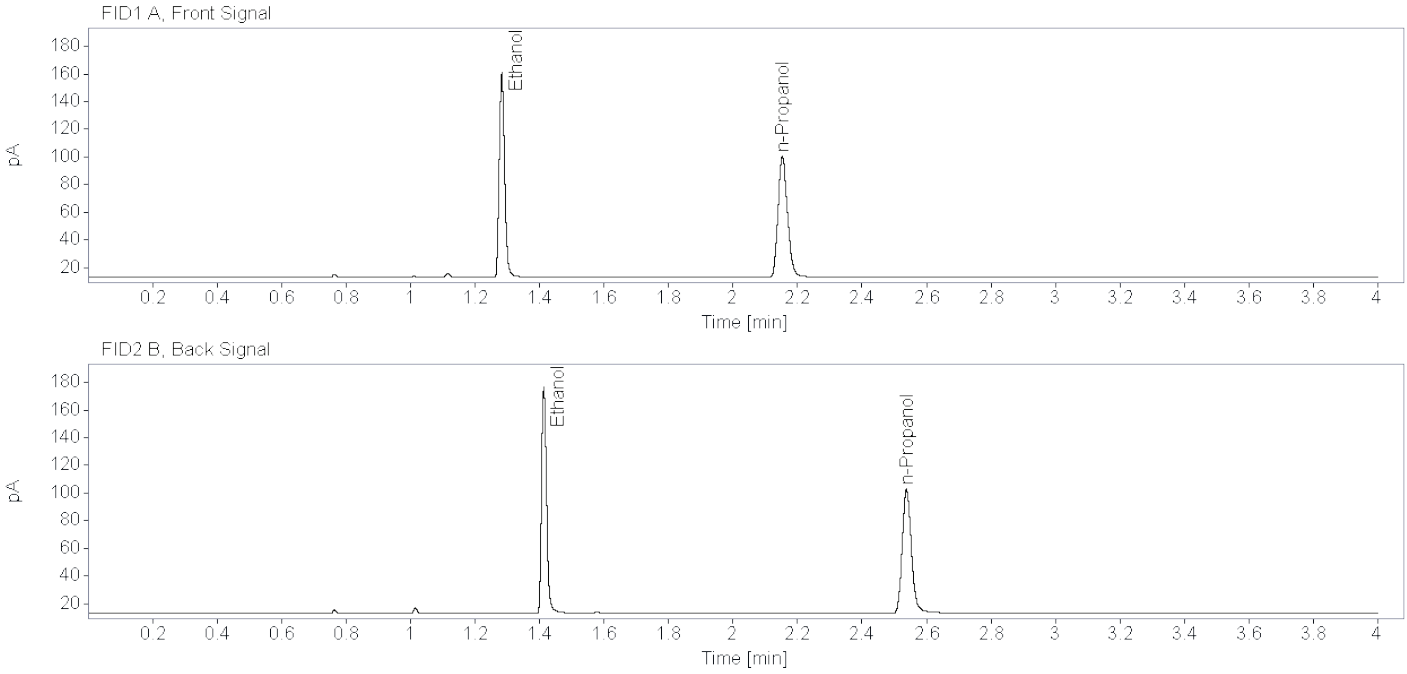
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77317	1.411	1.411	167.5125	0.1662
n-Propanol	0.82478	2.535	2.536	178.2656	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2003 001_001 (24-2536) **Description:** Alq 2 **Sample Barcode** 24-2536 **Vial Number:** 53

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 5:09:55 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78647	1.283	1.282	170.5982	0.1729
n-Propanol	0.79704	2.153	2.153	177.0443	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78510	1.413	1.411	172.5593	0.1735
n-Propanol	0.82765	2.538	2.536	175.8338	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2031 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1765	Aliquot 1:	0.1765
	Aliquot 2:	0.1769	Aliquot 2:	0.1774

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

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

Comments:

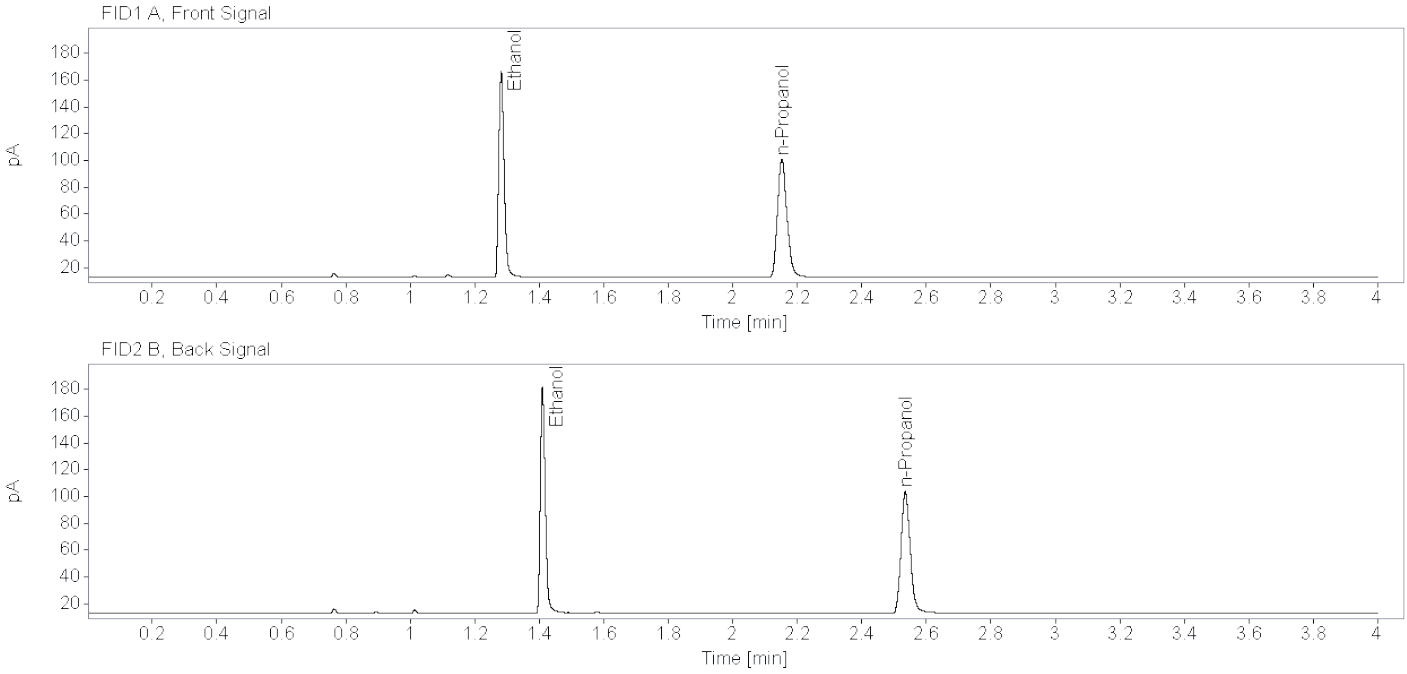
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2031 001_001 (24-2497) **Description:** Alq 1 **Sample Barcode** 24-2497 **Vial Number:** 14

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 1:46:36 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\014F1401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75591	1.282	1.282	176.1495	0.1765
n-Propanol	0.80648	2.152	2.153	179.0064	0.0100

Name FID2B

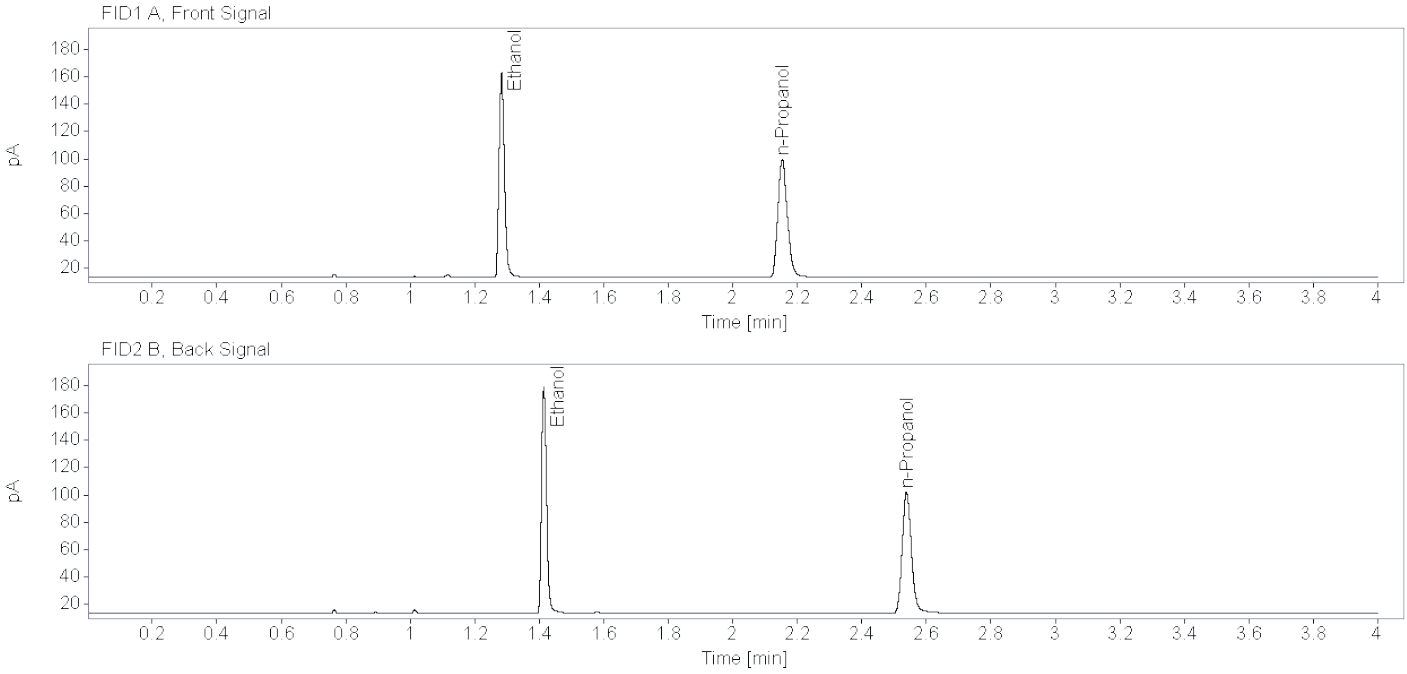
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75304	1.410	1.411	178.6305	0.1765
n-Propanol	0.83413	2.535	2.536	178.9280	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2031 001_001 (24-2535) **Description:** Alq 2 **Sample Barcode** 24-2535 **Vial Number:** 52

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 5:04:56 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78203	1.283	1.282	173.0721	0.1769
n-Propanol	0.79075	2.153	2.153	175.5126	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79419	1.414	1.411	175.6001	0.1774
n-Propanol	0.83221	2.539	2.536	175.0080	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2033 003_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0891	Aliquot 1:	0.0886
	Aliquot 2:	0.0916	Aliquot 2:	0.0915

Reported Result: **0.090** **g/100 mL**

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

Comments:

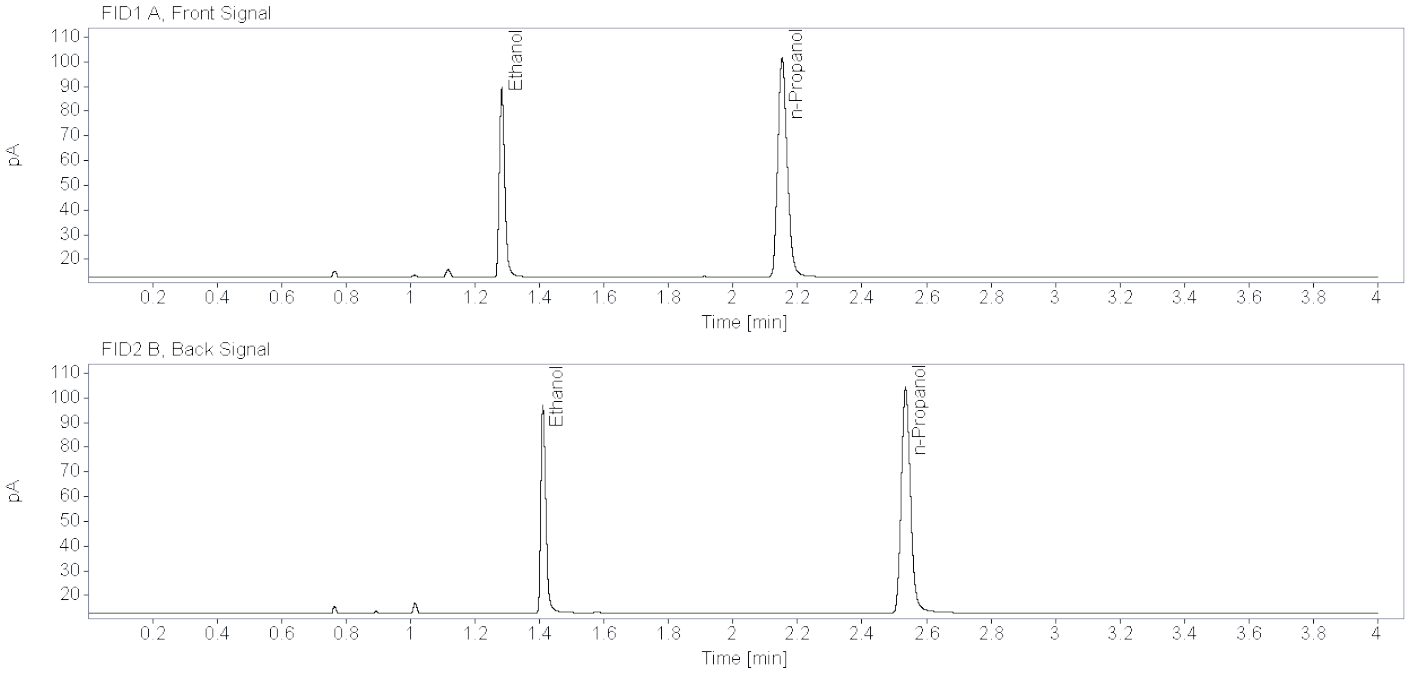
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2033 003_001 (24-2498) **Description:** Alq 1 **Sample Barcode** 24-2498 **Vial Number:** 15

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 1:51:36 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\015F1501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73364	1.283	1.282	88.7661	0.0891
n-Propanol	0.78710	2.152	2.153	179.5202	0.0100

Name FID2B

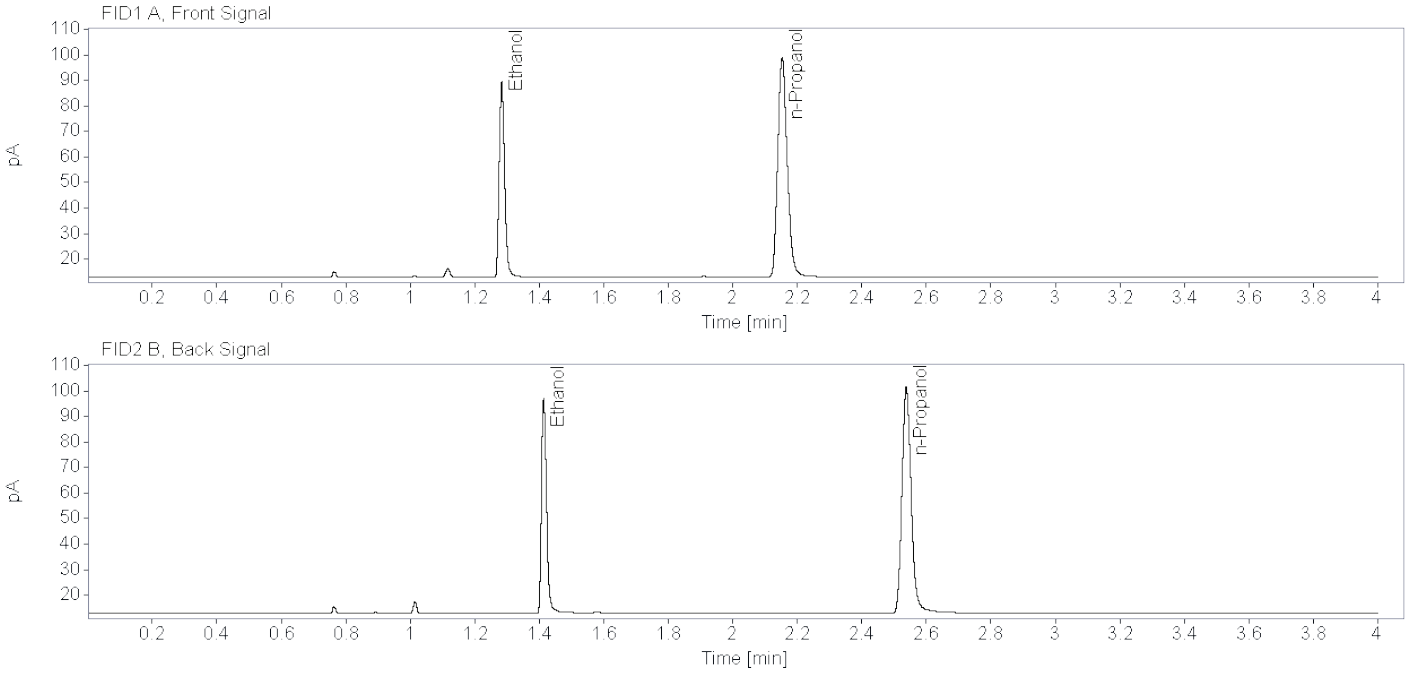
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72501	1.411	1.411	89.4657	0.0886
n-Propanol	0.82032	2.535	2.536	179.7667	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2033 003_001 (24-2534) **Description:** Alq 2 **Sample Barcode** 24-2534 **Vial Number:** 51

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 4:59:30 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76572	1.284	1.282	88.7269	0.0916
n-Propanol	0.79627	2.153	2.153	174.4978	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74596	1.414	1.411	89.5284	0.0915
n-Propanol	0.83270	2.538	2.536	174.1811	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2044 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

		FID1		FID2
Ethanol				
	Aliquot 1:	0.1232	Aliquot 1:	0.1235
	Aliquot 2:	0.1223	Aliquot 2:	0.1220

Reported Result: **0.122** **g/100 mL**

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

Comments:

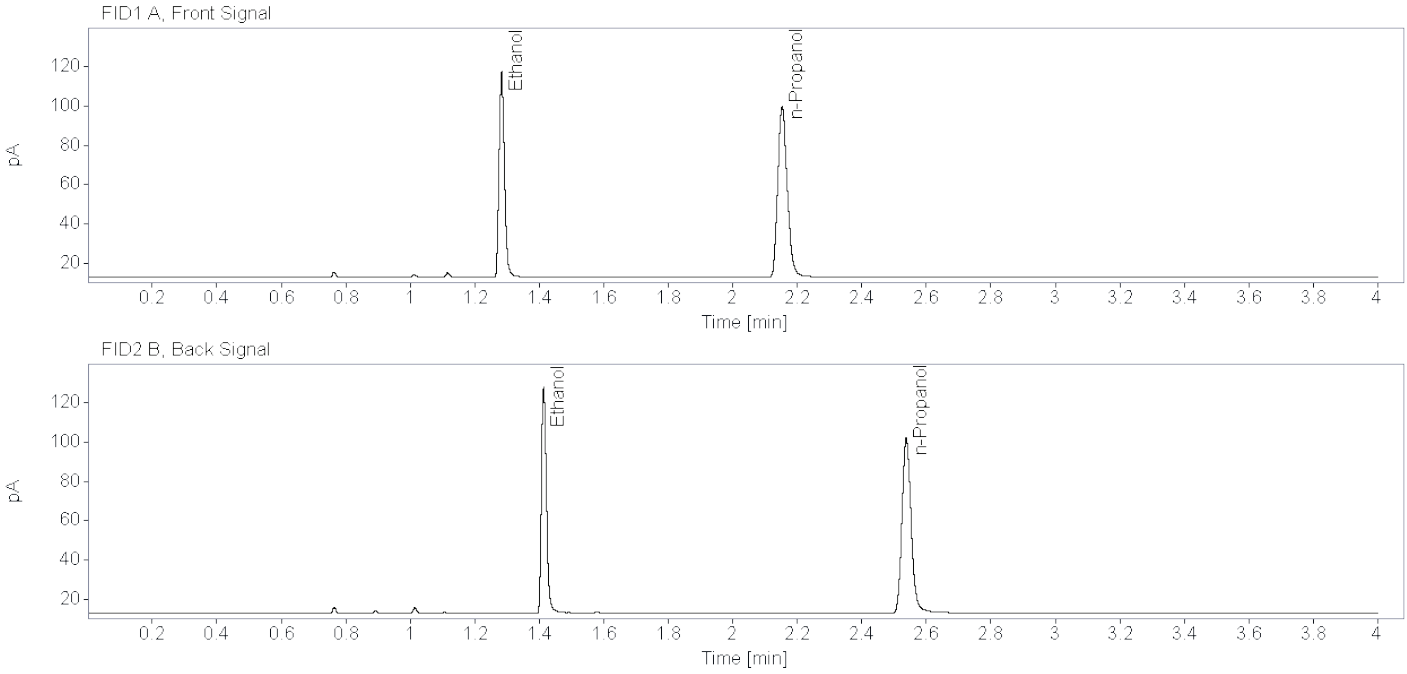
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2044 001_001 (24-2499) **Description:** Alq 1 **Sample Barcode** 24-2499 **Vial Number:** 16

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 1:57:01 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\016F1601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79187	1.283	1.282	120.7150	0.1232
n-Propanol	0.79207	2.153	2.153	176.0927	0.0100

Name FID2B

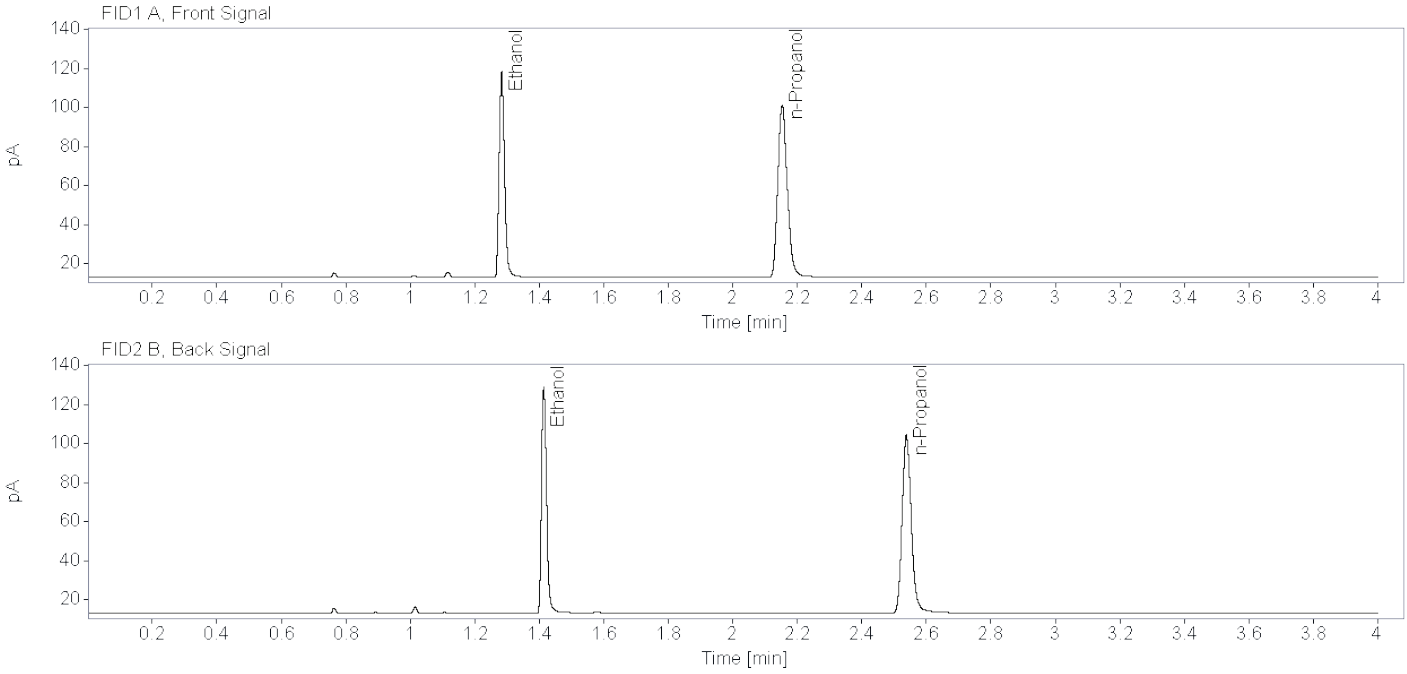
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76093	1.414	1.411	121.8948	0.1235
n-Propanol	0.83055	2.538	2.536	174.9670	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2044 001_001 (24-2533) **Description:** Alq 2 **Sample Barcode** 24-2533 **Vial Number:** 50

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 4:54:32 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78081	1.283	1.282	121.8475	0.1223
n-Propanol	0.79578	2.153	2.153	179.1292	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77355	1.414	1.411	123.2833	0.1220
n-Propanol	0.83433	2.538	2.536	179.1827	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2059 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2445	Aliquot 1:	0.2468
	Aliquot 2:	0.2650	Aliquot 2:	0.2646

Reported Result: **0.255** **g/100 mL**

Reported UM: **0.041** **g/100 mL**

Comments:

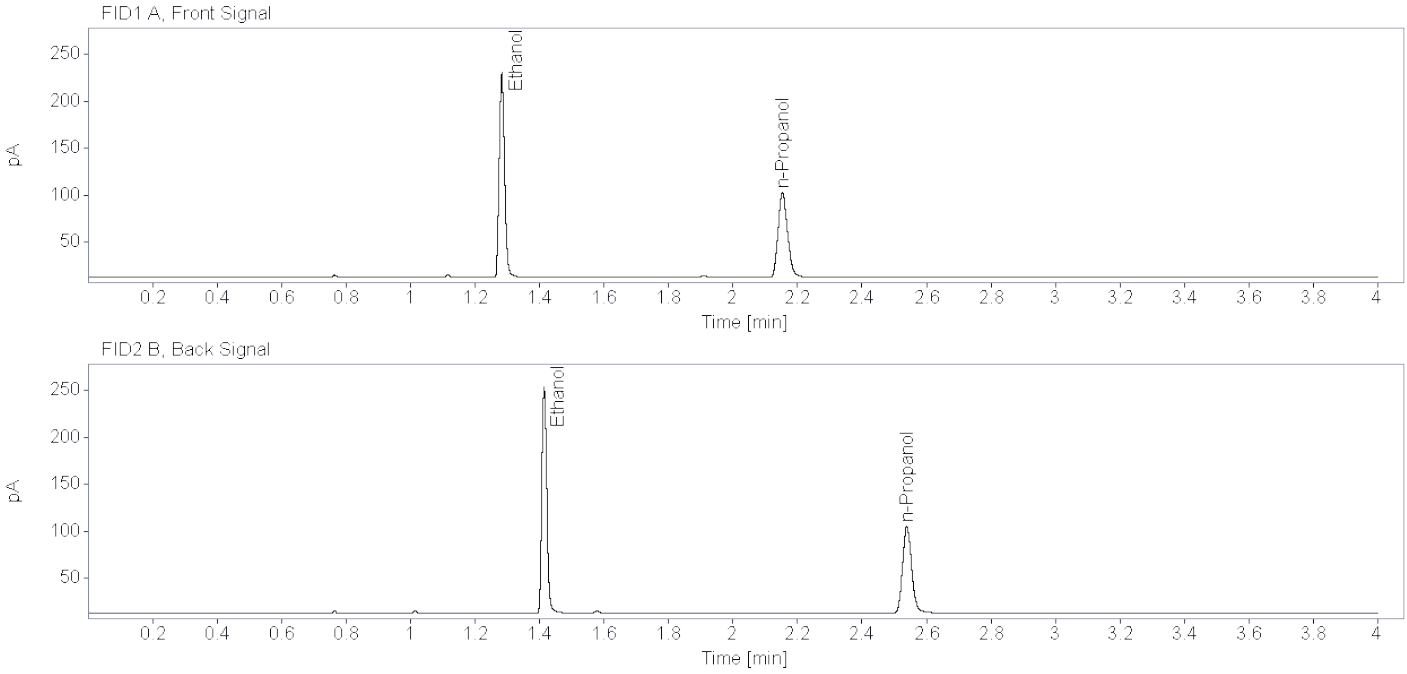
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2059 001_001 (24-2500) **Description:** Alq 1 **Sample Barcode** 24-2500 **Vial Number:** 17

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 2:02:00 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\017F1701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80426	1.283	1.282	249.4392	0.2445
n-Propanol	0.80658	2.153	2.153	182.7819	0.0100

Name FID2B

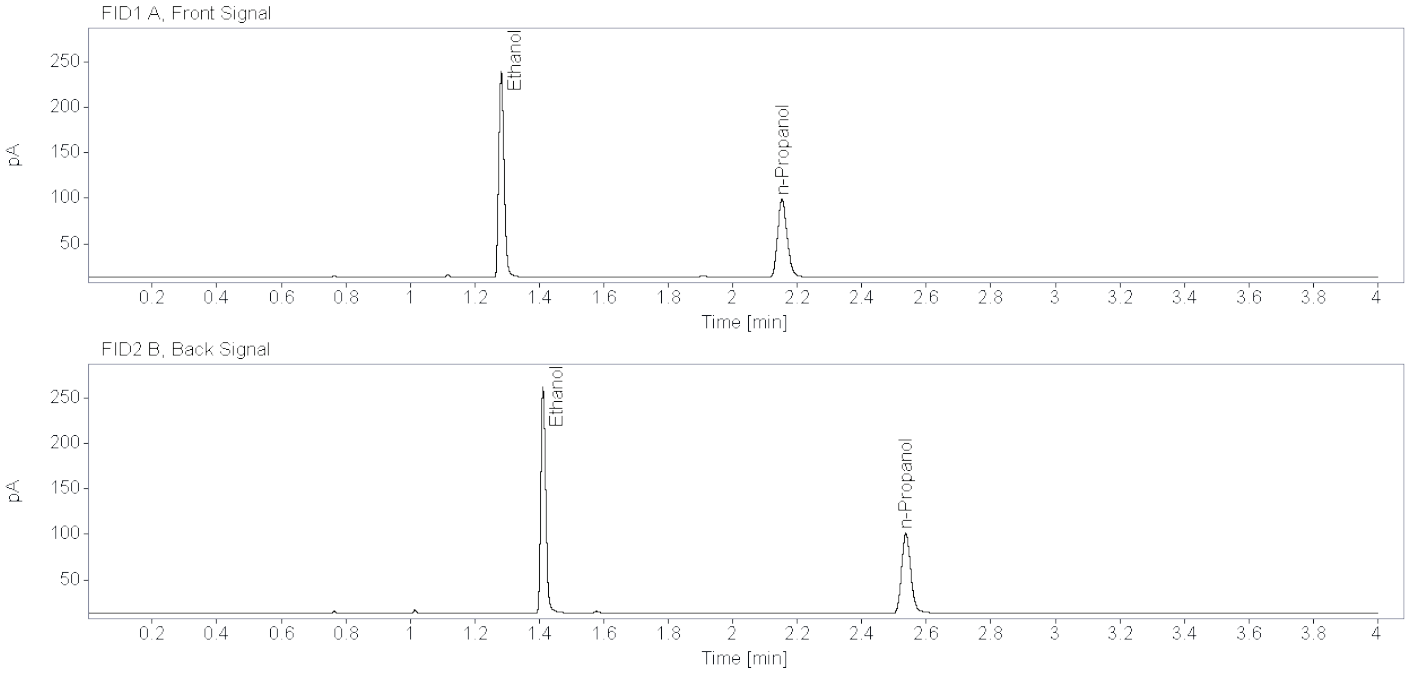
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81245	1.414	1.411	253.3055	0.2468
n-Propanol	0.82706	2.539	2.536	181.0543	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2059 001_001 (24-2532) **Description:** Alq 2 **Sample Barcode** 24-2532 **Vial Number:** 49

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 4:49:07 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78367	1.282	1.282	257.6541	0.2650
n-Propanol	0.78916	2.153	2.153	174.1583	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79319	1.412	1.411	261.3482	0.2646
n-Propanol	0.81921	2.537	2.536	174.1797	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2062 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2609	Aliquot 1:	0.2617
	Aliquot 2:	0.2688	Aliquot 2:	0.2691

Reported Result: **0.265** **g/100 mL**

Reported UM: **0.043** **g/100 mL**

Comments:

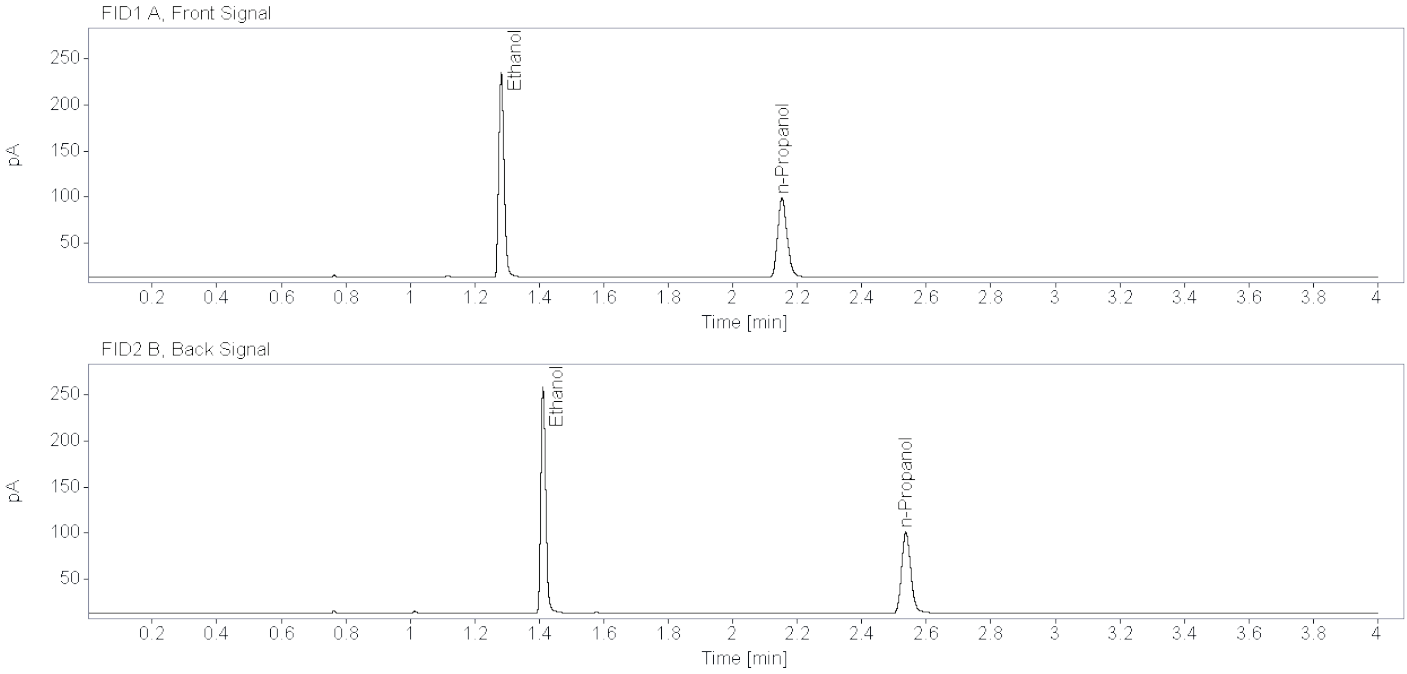
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2062 001_001 (24-2501) **Description:** Alq 1 **Sample Barcode** 24-2501 **Vial Number:** 18

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 2:07:25 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\018F1801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78732	1.282	1.282	253.2938	0.2609
n-Propanol	0.79518	2.153	2.153	173.9385	0.0100

Name FID2B

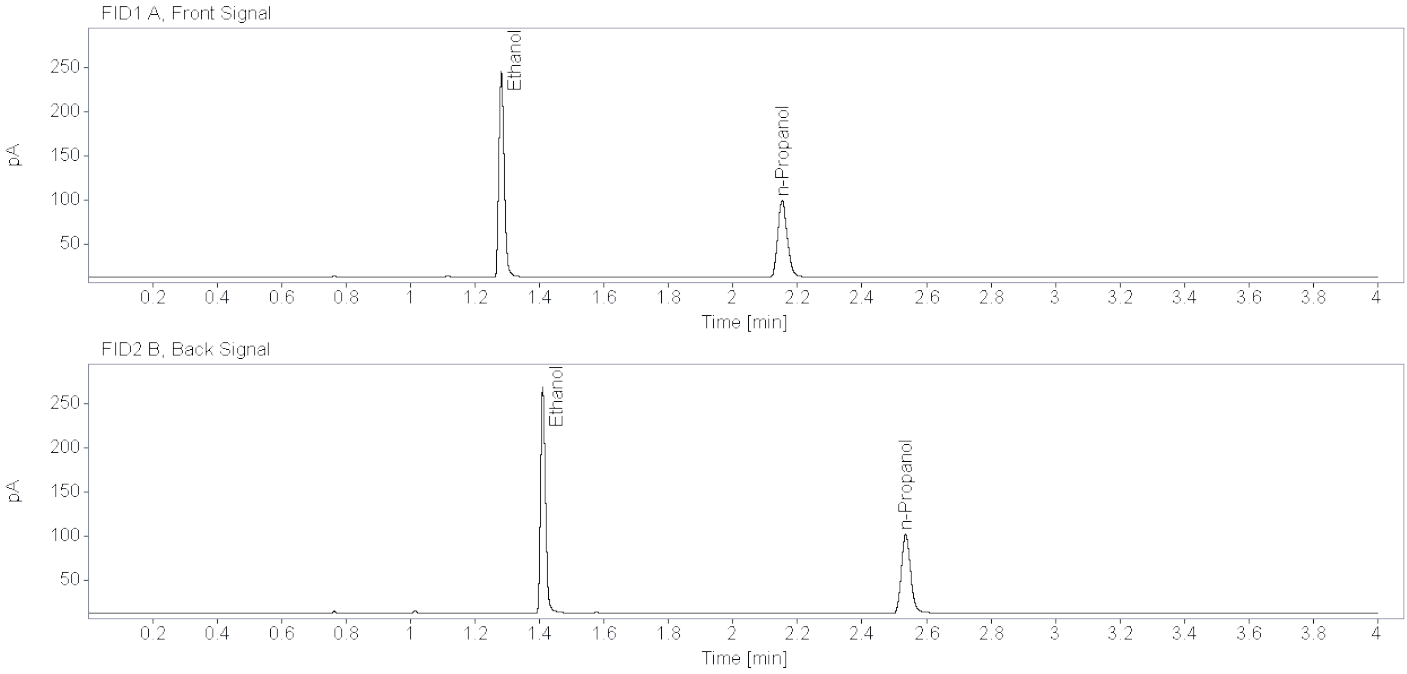
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79399	1.412	1.411	257.1556	0.2617
n-Propanol	0.82036	2.537	2.536	173.3173	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2062 001_001 (24-2531) **Description:** Alq 2 **Sample Barcode** 24-2531 **Vial Number:** 48

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 4:44:08 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77482	1.282	1.282	264.5411	0.2688
n-Propanol	0.78929	2.152	2.153	176.2611	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80094	1.410	1.411	268.7242	0.2691
n-Propanol	0.81953	2.535	2.536	176.0722	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2069 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0841	Aliquot 1:	0.0841
	Aliquot 2:	0.0758	Aliquot 2:	0.0757

Reported Result: ~~0.079~~ **g/100 mL**

Reported UM: **0.013** **g/100 mL**

11/22/2024 mh

Comments: Aliquots are not within 5% of the average. Case will be repeated. -- 11/22/2024 mh

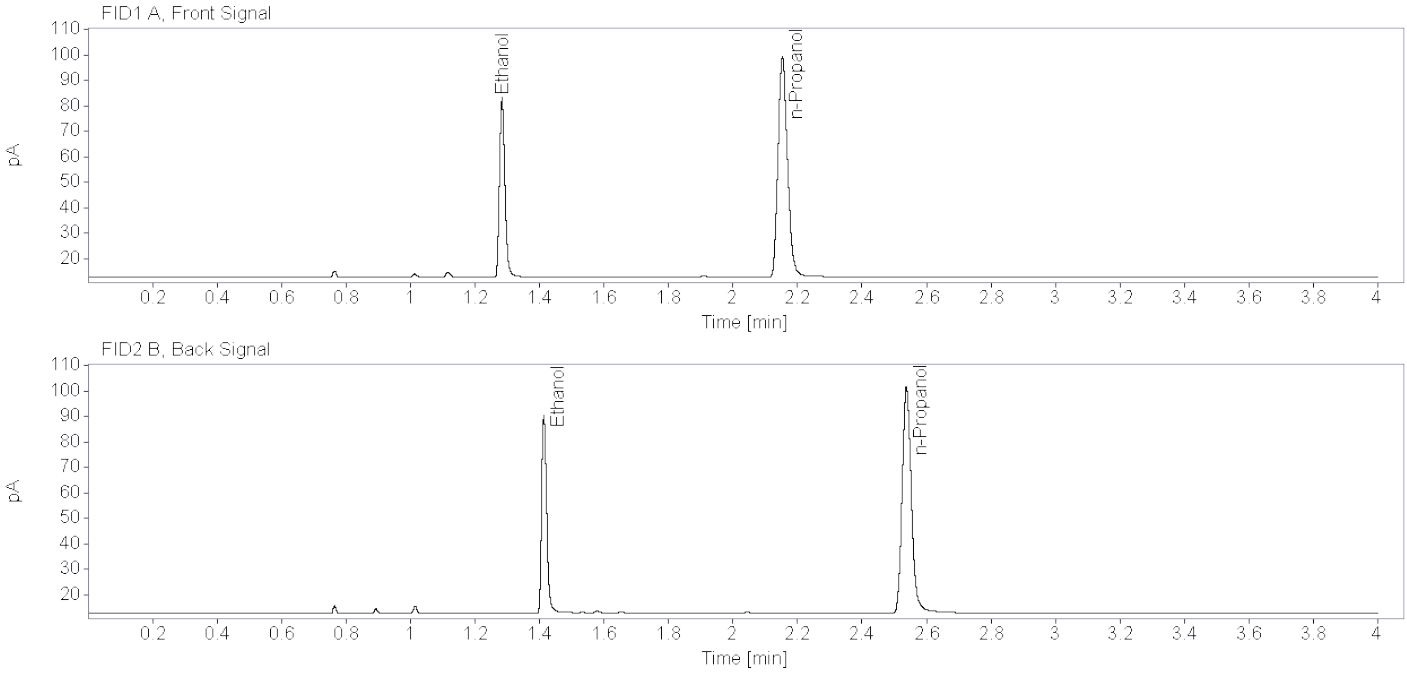
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2069 001_001 (24-2502) **Description:** Alq 1 **Sample Barcode** 24-2502 **Vial Number:** 19

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 2:12:23 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\019F1901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75795	1.284	1.282	81.4235	0.0841
n-Propanol	0.80022	2.153	2.153	174.5283	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76415	1.414	1.411	82.4471	0.0841
n-Propanol	0.83701	2.538	2.536	174.5498	0.0100

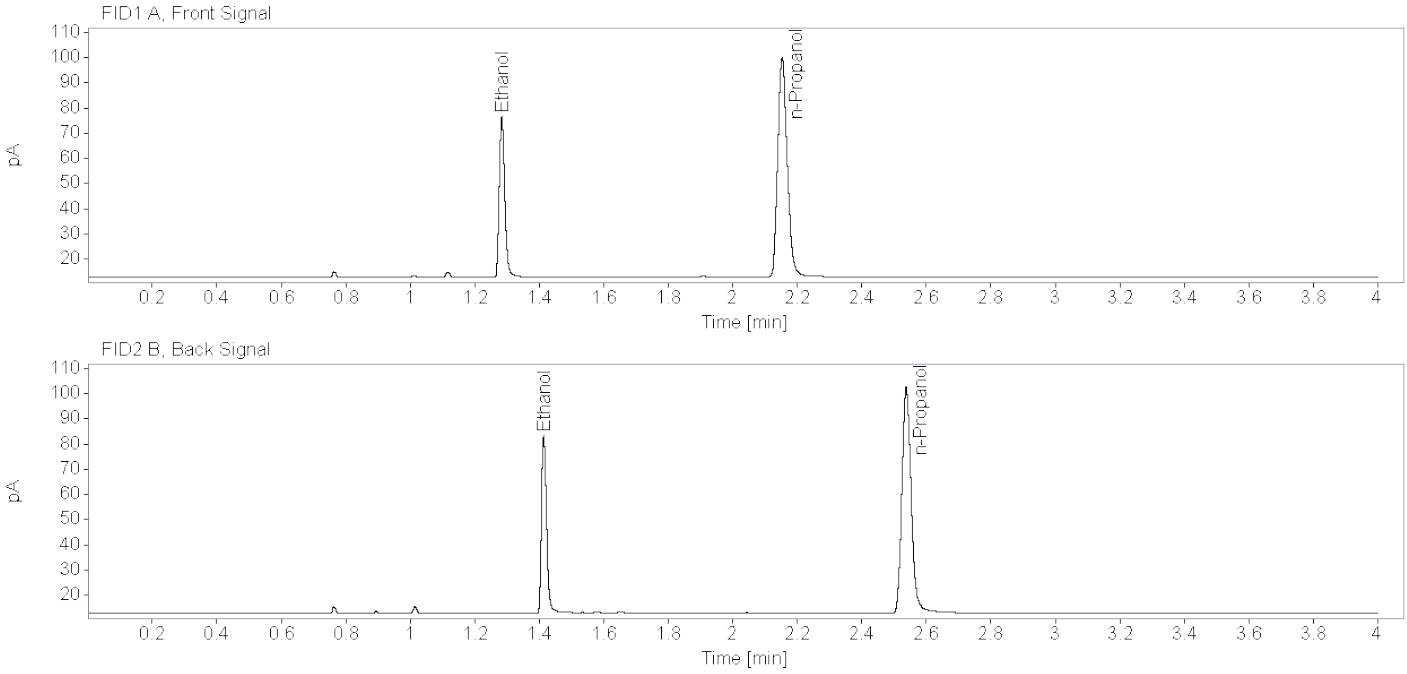
Aliquots are not within 5% of the average. Case will be repeated. -- 11/22/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2069 001_001 (24-2530) **Description:** Alq 2 **Sample Barcode** 24-2530 **Vial Number:** 47

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 4:38:42 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75861	1.284	1.282	74.1179	0.0758
n-Propanol	0.79671	2.153	2.153	176.4162	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75156	1.414	1.411	74.9274	0.0757
n-Propanol	0.82769	2.538	2.536	176.6254	0.0100

Aliquots are not within 5% of the average. Case will be repeated. -- 11/22/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2071 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1879	Aliquot 1:	0.1879
	Aliquot 2:	0.2095	Aliquot 2:	0.2096

Reported Result: **0.198** **g/100 mL**

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

11/22/2024 mh

Comments: Aliquots are not within 5% of the average. Case will be repeated. -- 11/22/2024 mh

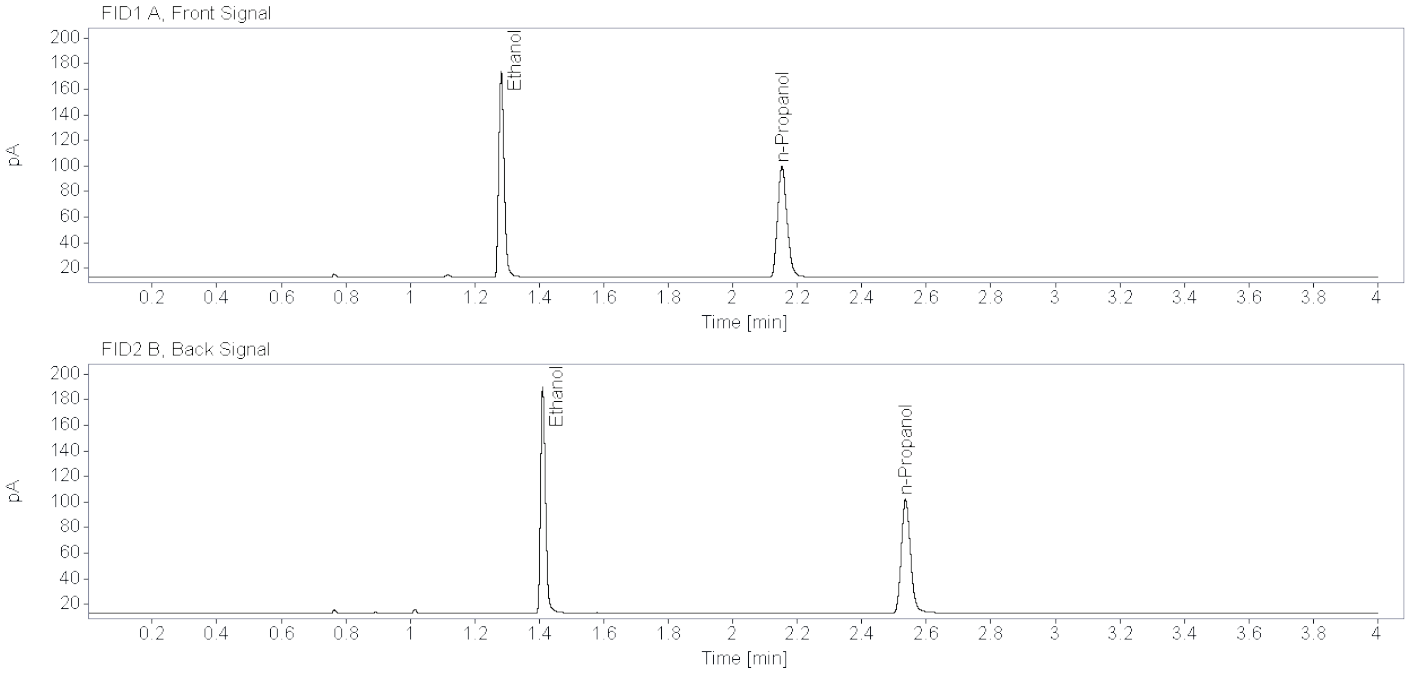
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2071 001_001 (24-2503) **Description:** Alq 1 **Sample Barcode** 24-2503 **Vial Number:** 20

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 2:17:48 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\020F2001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77528	1.282	1.282	184.0712	0.1879
n-Propanol	0.79052	2.152	2.153	175.6634	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78192	1.411	1.411	186.1672	0.1879
n-Propanol	0.83120	2.536	2.536	175.0735	0.0100

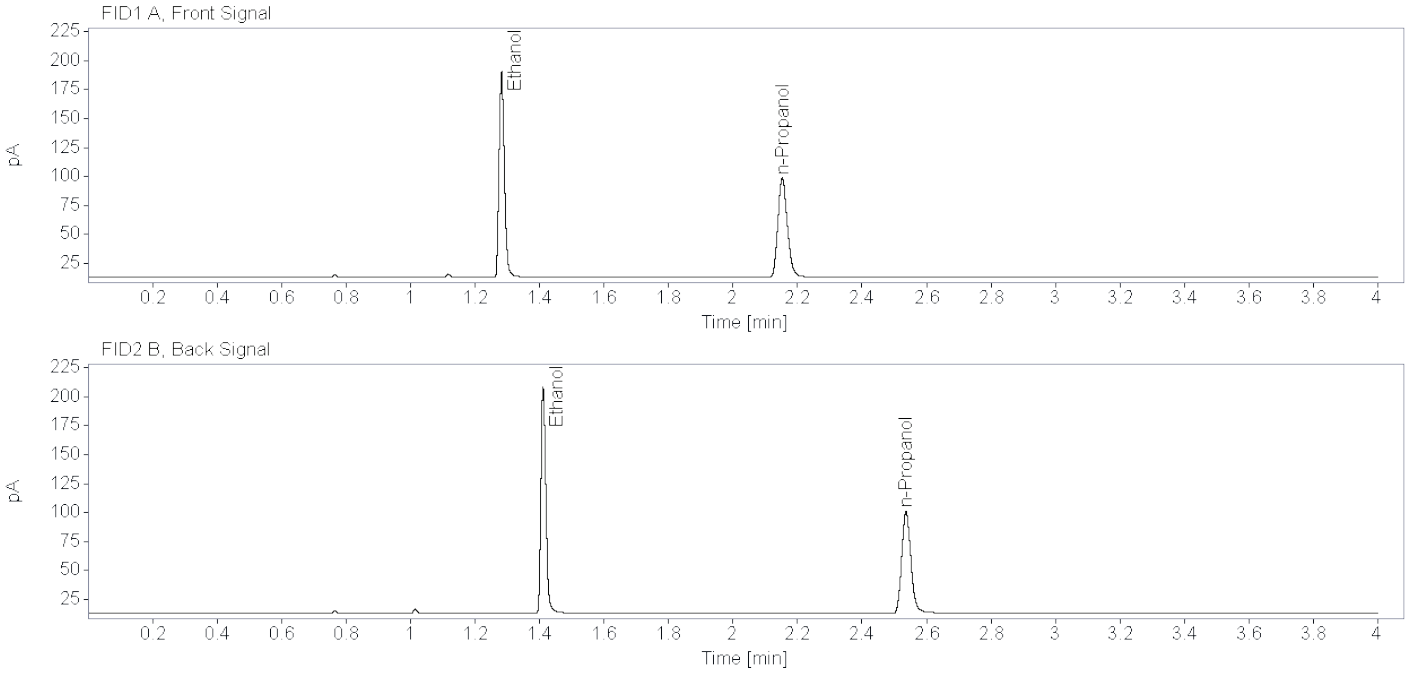
Aliquots are not within 5% of the average. Case will be repeated. -- 11/22/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2071 001_001 (24-2529) **Description:** Alq 2 **Sample Barcode** 24-2529 **Vial Number:** 46

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 4:33:43 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77454	1.282	1.282	202.8030	0.2095
n-Propanol	0.79464	2.153	2.153	173.5241	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78326	1.411	1.411	205.7404	0.2096
n-Propanol	0.82255	2.536	2.536	173.3269	0.0100

Aliquots are not within 5% of the average. Case will be repeated. -- 11/22/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2083 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: none detected

Reported UM: _____

Comments:

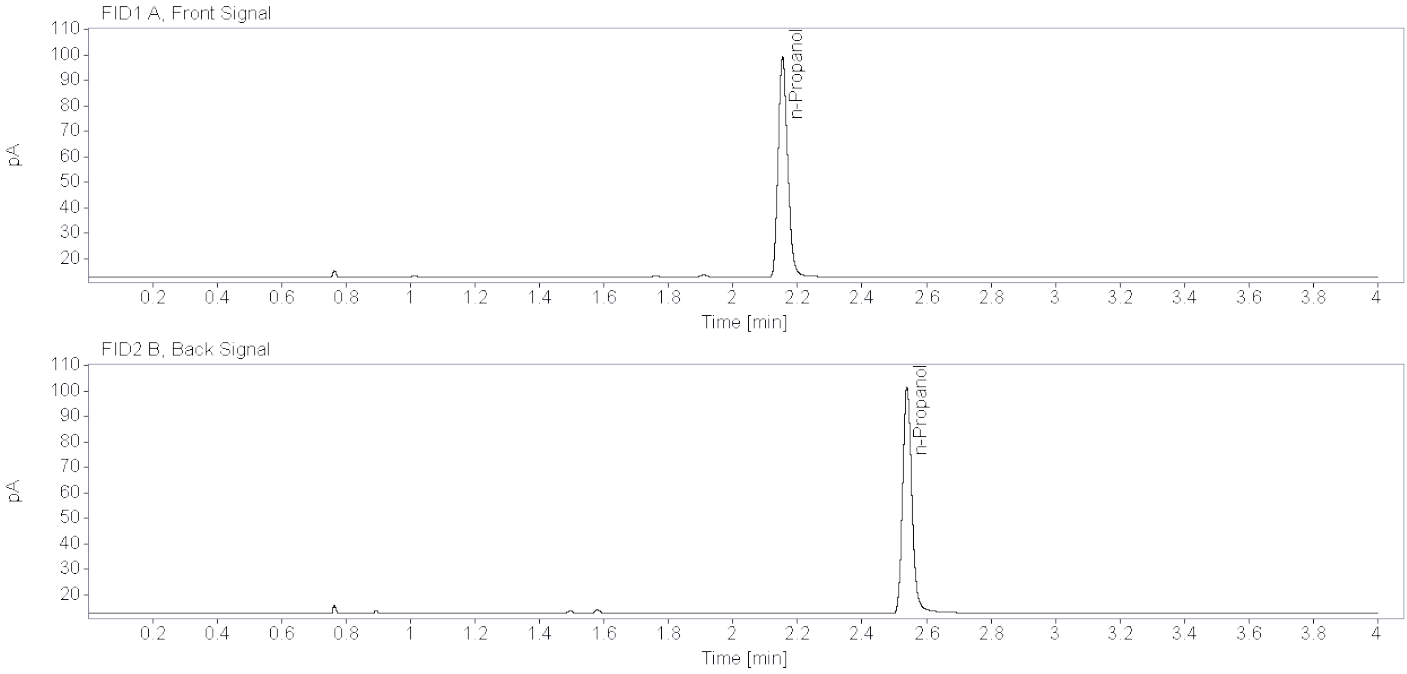
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2083 001_001 (24-2504) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 21

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 2:22:48 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\021F2101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80259	2.154	2.153	175.6288	0.0100

Name FID2B

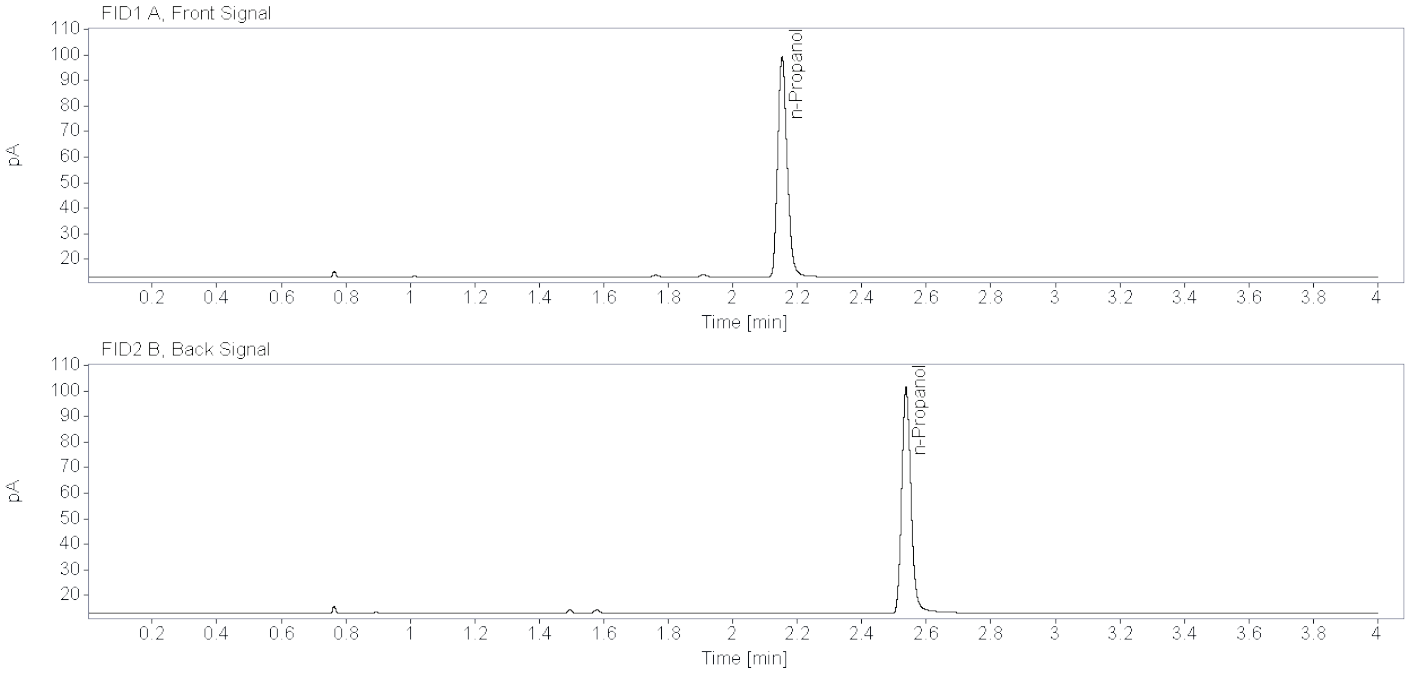
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82855	2.539	2.536	175.1223	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2083 001_001 (24-2528) **Description:** Alq 2 **Sample Barcode** 24-2528 **Vial Number:** 45

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 4:28:19 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79693	2.153	2.153	175.3071	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81930	2.537	2.536	174.7222	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2088 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1510	Aliquot 1:	0.1505
	Aliquot 2:	0.1524	Aliquot 2:	0.1518

Reported Result: **0.151** **g/100 mL**

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

Comments:

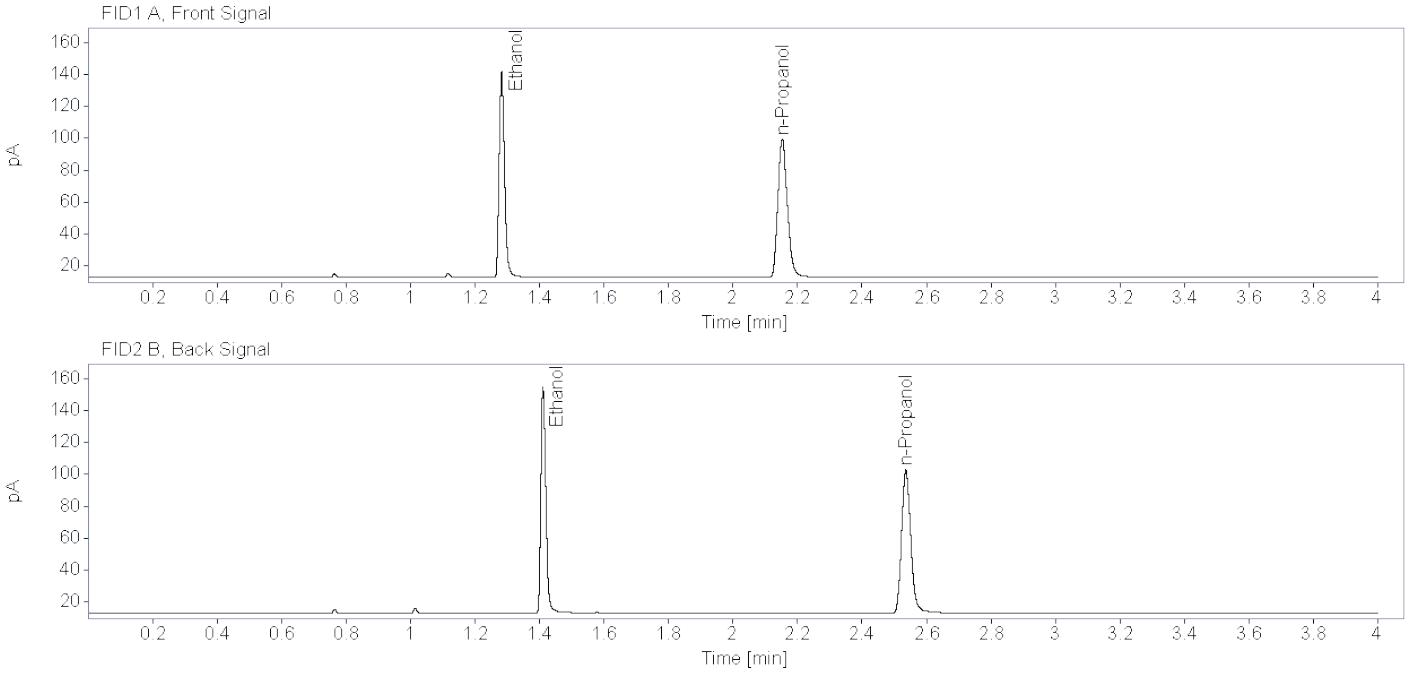
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2088 001_001 (24-2506) **Description:** Alq 1 **Sample Barcode** 24-2506 **Vial Number:** 23

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 2:33:12 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\023F2301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75264	1.283	1.282	147.9804	0.1510
n-Propanol	0.78913	2.152	2.153	175.9602	0.0100

Name FID2B

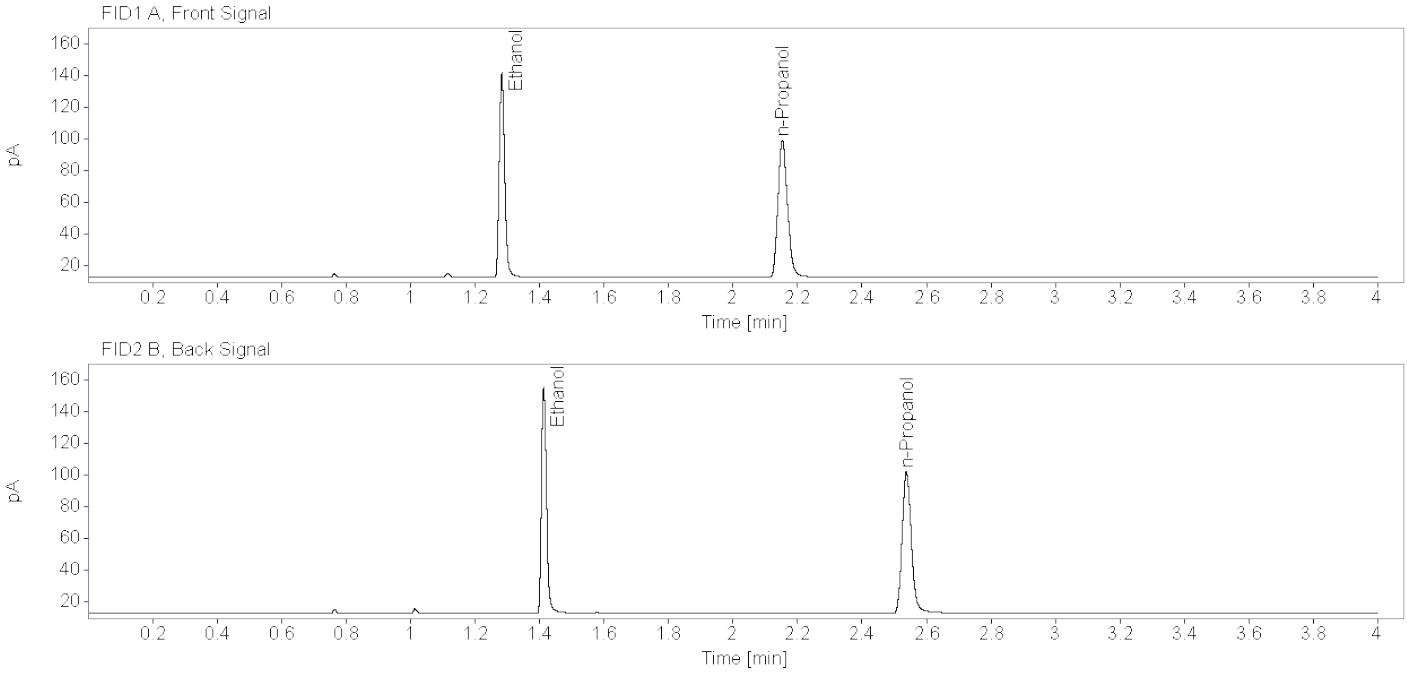
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75874	1.411	1.411	149.8489	0.1505
n-Propanol	0.81781	2.536	2.536	176.2693	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2088 001_001 (24-2526) **Description:** Alq 2 **Sample Barcode** 24-2526 **Vial Number:** 43

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 4:17:54 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\043F4301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77601	1.283	1.282	148.4017	0.1524
n-Propanol	0.79688	2.153	2.153	174.8885	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77993	1.413	1.411	150.2929	0.1518
n-Propanol	0.83561	2.538	2.536	175.2379	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2089 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2167	Aliquot 1:	0.2162
	Aliquot 2:	0.2262	Aliquot 2:	0.2260

Reported Result: **0.221** **g/100 mL**

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

Comments:

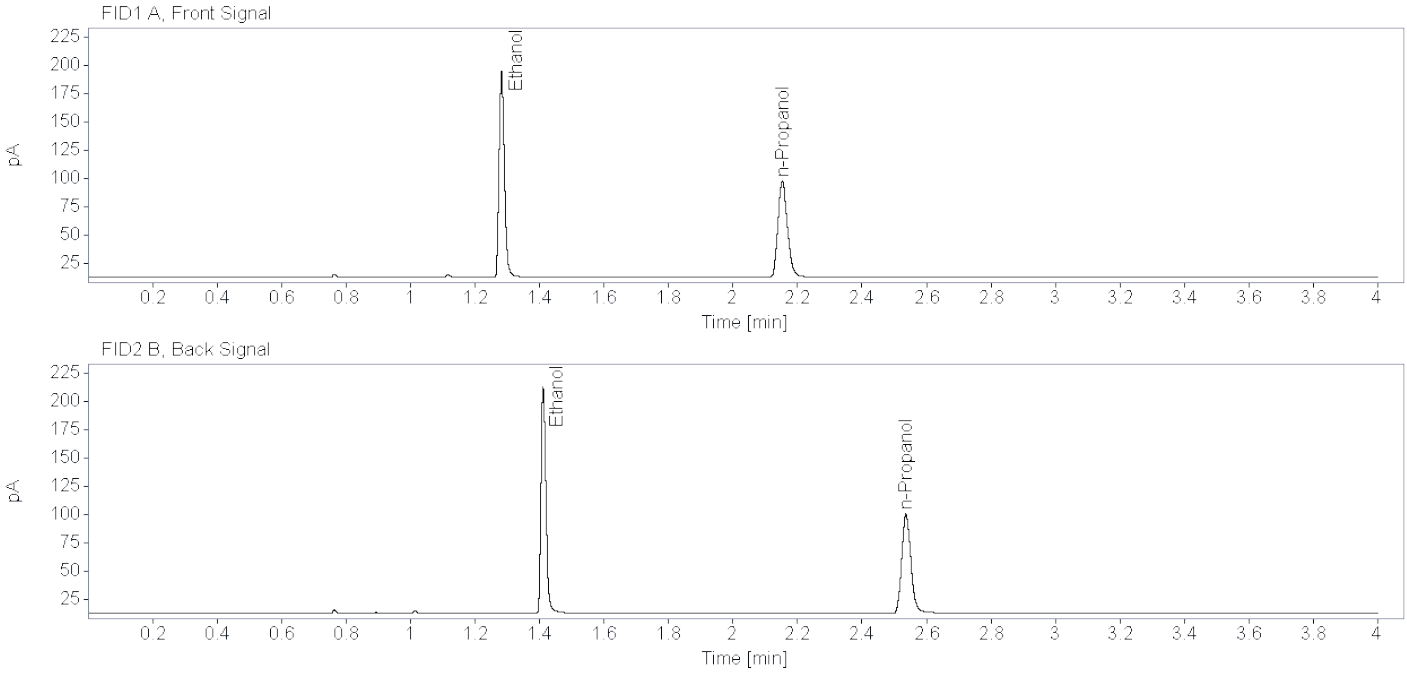
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2089 001_001 (24-2507) **Description:** Alq 1 **Sample Barcode** 24-2507 **Vial Number:** 24

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 2:38:37 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\024F2401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77253	1.282	1.282	208.5119	0.2167
n-Propanol	0.79083	2.153	2.153	172.4818	0.0100

Name FID2B

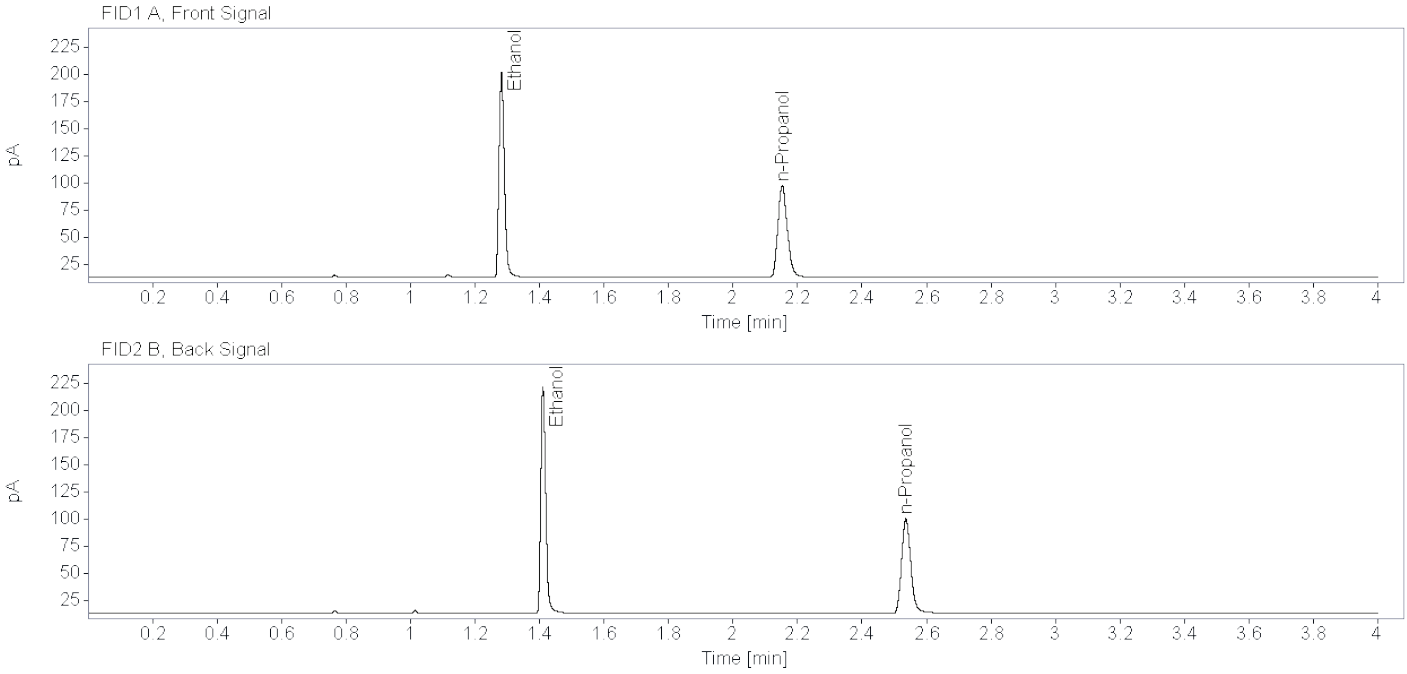
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76850	1.412	1.411	211.3930	0.2162
n-Propanol	0.82489	2.536	2.536	172.6096	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2089 001_001 (24-2525) **Description:** Alq 2 **Sample Barcode** 24-2525 **Vial Number:** 42

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 4:12:56 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\042F4201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76836	1.282	1.282	216.1614	0.2262
n-Propanol	0.78796	2.153	2.153	171.2672	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77163	1.411	1.411	219.3255	0.2260
n-Propanol	0.82361	2.536	2.536	171.3034	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2090 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2337	Aliquot 1:	0.2327
	Aliquot 2:	0.2194	Aliquot 2:	0.2205

Reported Result: **0.226** **g/100 mL**

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

Comments:

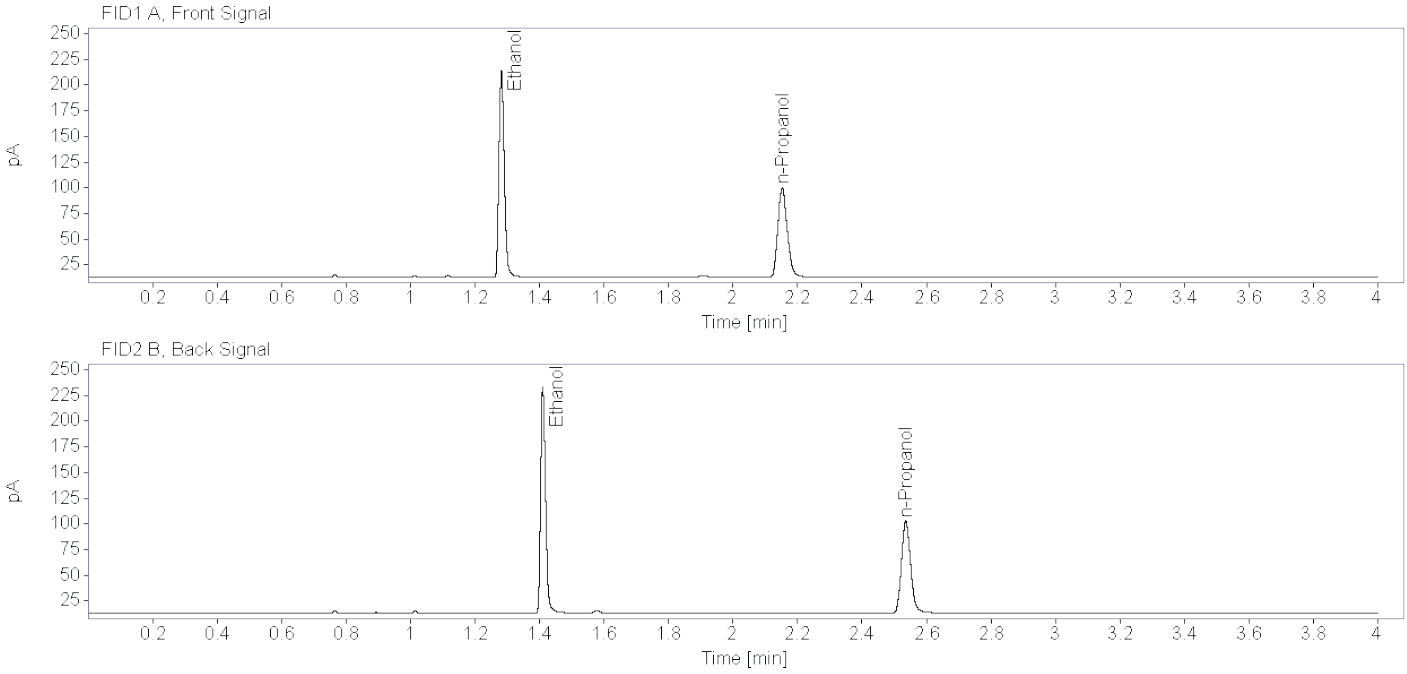
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2090 001_001 (24-2508) **Description:** Alq 1 **Sample Barcode** 24-2508 **Vial Number:** 25

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 2:43:35 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\025F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78107	1.282	1.282	229.7735	0.2337
n-Propanol	0.79076	2.152	2.153	176.2276	0.0100

Name FID2B

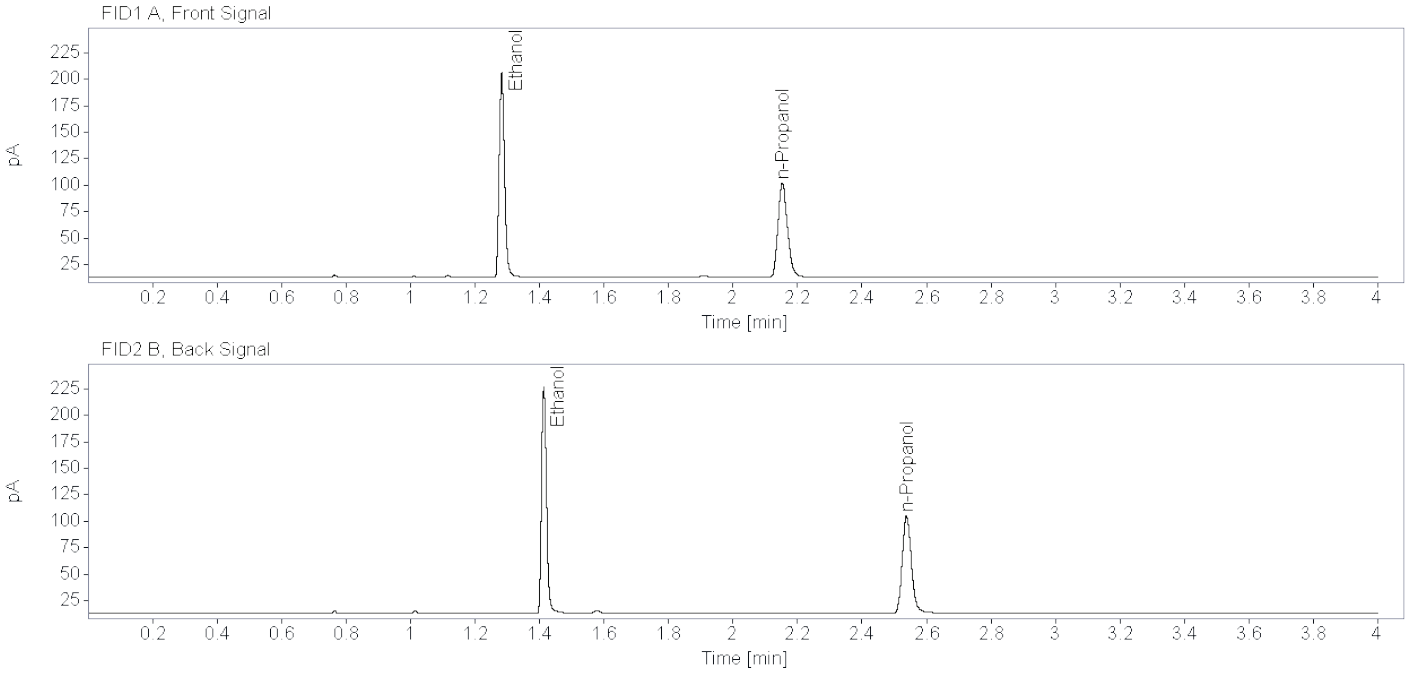
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78641	1.410	1.411	232.3817	0.2327
n-Propanol	0.82662	2.536	2.536	176.2460	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2090 001_001 (24-2524) **Description:** Alq 2 **Sample Barcode** 24-2524 **Vial Number:** 41

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 4:07:31 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\041F4101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78018	1.283	1.282	221.8621	0.2194
n-Propanol	0.79463	2.153	2.153	181.2944	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79851	1.413	1.411	225.2545	0.2205
n-Propanol	0.83445	2.538	2.536	180.3129	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2091 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1929	Aliquot 1:	0.1930
	Aliquot 2:	0.1901	Aliquot 2:	0.1903

Reported Result: **0.191** **g/100 mL**

Reported UM: **0.031** **g/100 mL**

Comments:

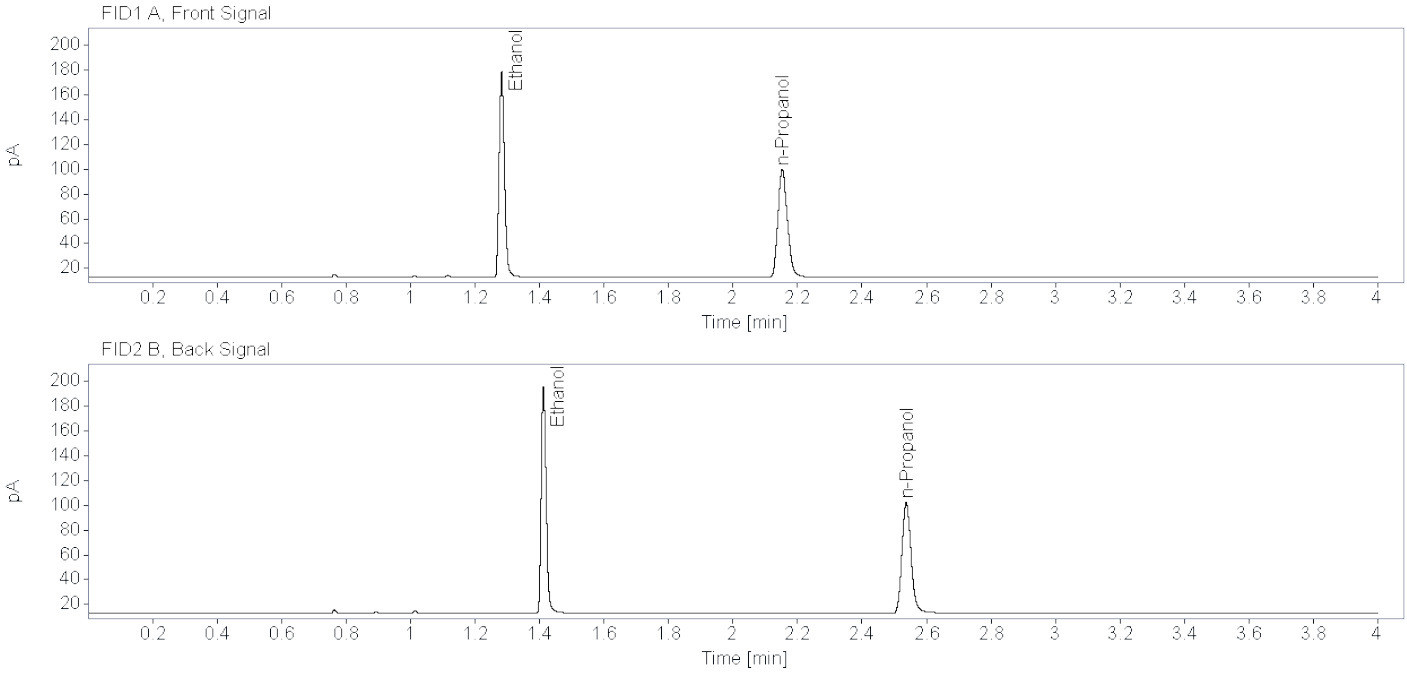
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2091 001_001 (24-2509) **Description:** Alq 1 **Sample Barcode** 24-2509 **Vial Number:** 26

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 2:49:01 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\026F2601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78910	1.283	1.282	189.4709	0.1929
n-Propanol	0.79441	2.153	2.153	176.1857	0.0100

Name FID2B

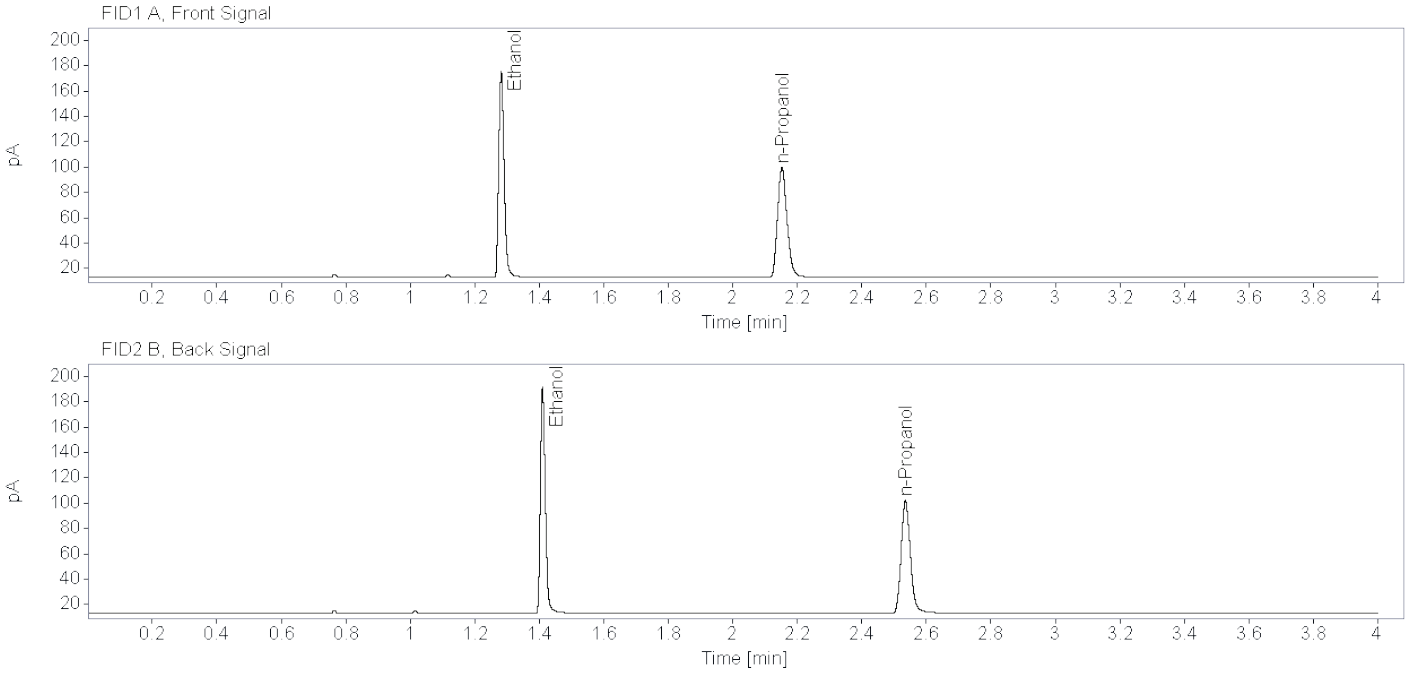
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77599	1.412	1.411	191.9346	0.1930
n-Propanol	0.82890	2.537	2.536	175.7176	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2091 001_001 (24-2523) **Description:** Alq 2 **Sample Barcode** 24-2523 **Vial Number:** 40

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 4:01:49 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\040F4001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76894	1.282	1.282	185.8493	0.1901
n-Propanol	0.78712	2.152	2.153	175.3330	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76405	1.410	1.411	188.5608	0.1903
n-Propanol	0.83026	2.535	2.536	175.0456	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2092 001_001

Batch Name: BAC_20241119_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:

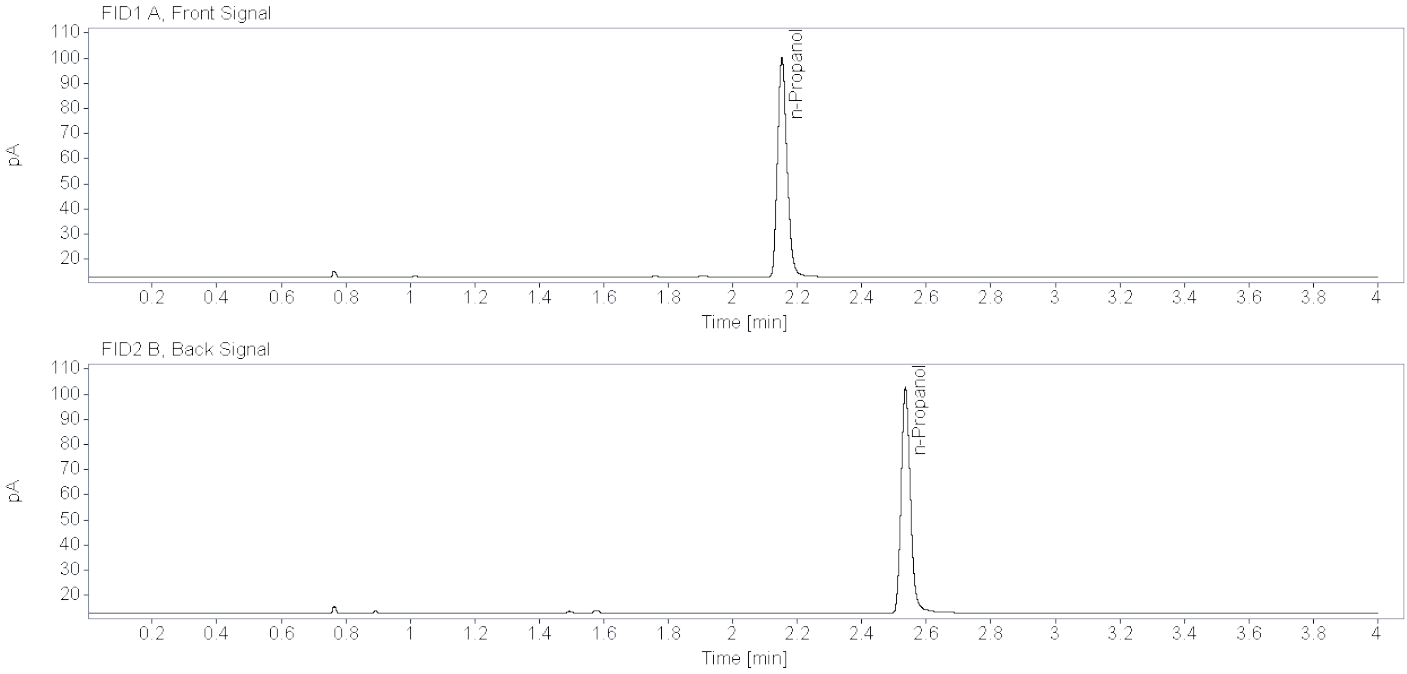
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2092 001_001 (24-2510) **Description:** Alq 1 **Sample Barcode** 24-2510 **Vial Number:** 27

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 2:54:00 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\027F2701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.78887	2.152	2.153	176.6791	0.0100

Name FID2B

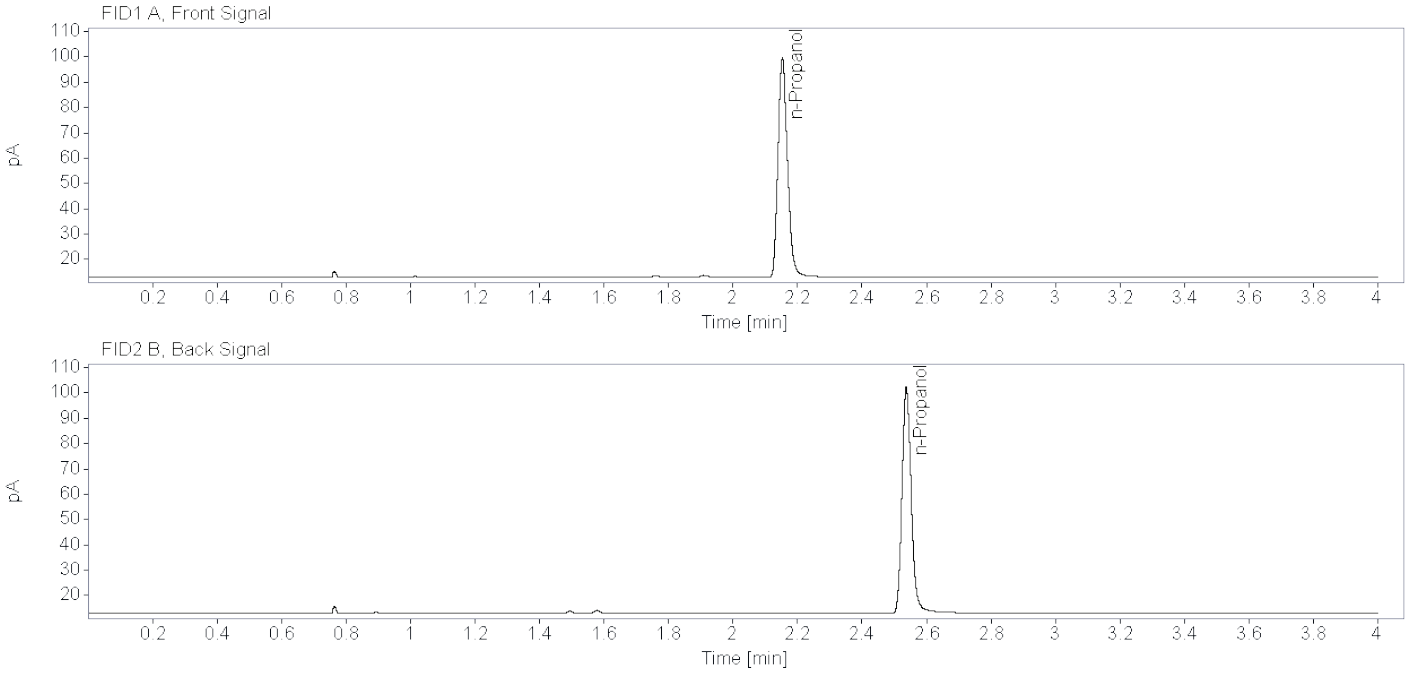
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82968	2.536	2.536	176.4985	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2092 001_001 (24-2522) **Description:** Alq 2 **Sample Barcode** 24-2522 **Vial Number:** 39

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 3:56:24 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\039F3901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79155	2.153	2.153	175.6974	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83183	2.537	2.536	175.6248	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2113 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

		FID1		FID2
Ethanol				
	Aliquot 1:	0.1969	Aliquot 1:	0.1971
	Aliquot 2:	0.1882	Aliquot 2:	0.1886

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

Reported UM: **0.031** **g/100 mL**

Comments:

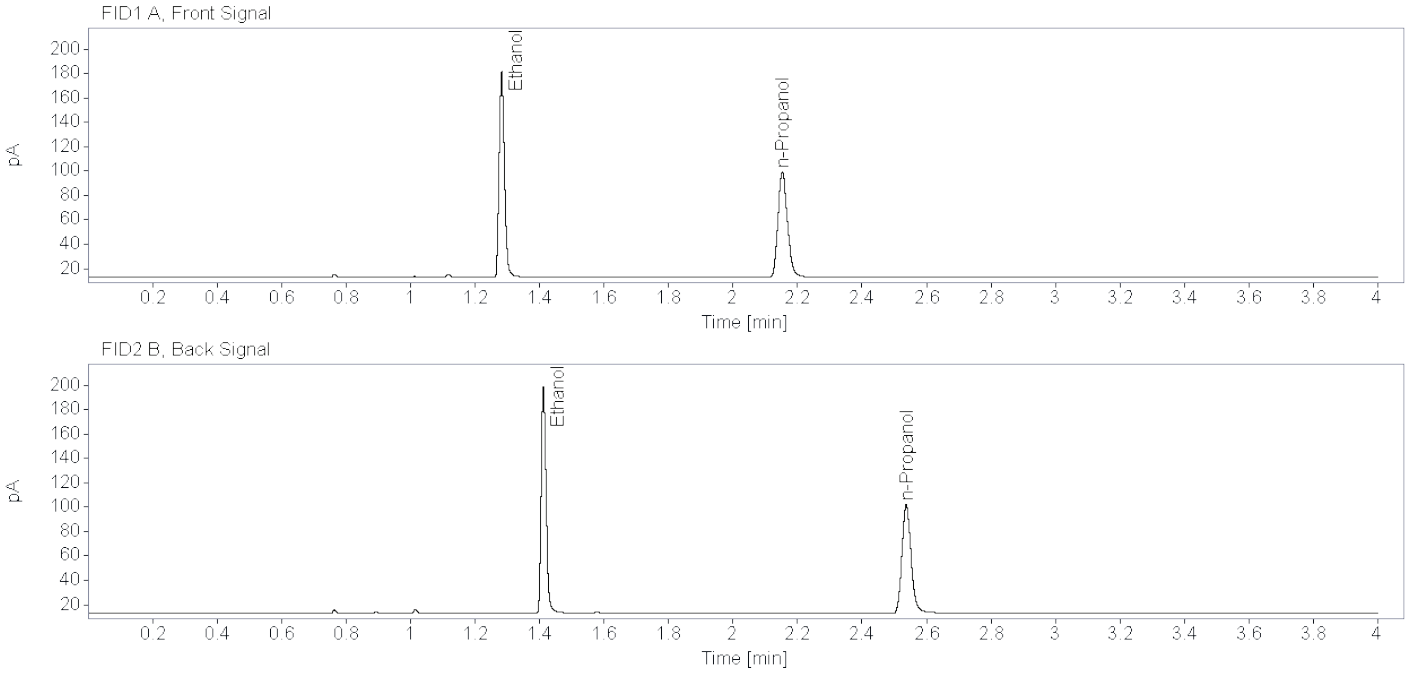
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2113 001_001 (24-2511) **Description:** Alq 1 **Sample Barcode** 24-2511 **Vial Number:** 28

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 2:59:25 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77636	1.283	1.282	192.3824	0.1969
n-Propanol	0.79485	2.153	2.153	175.2014	0.0100

Name FID2B

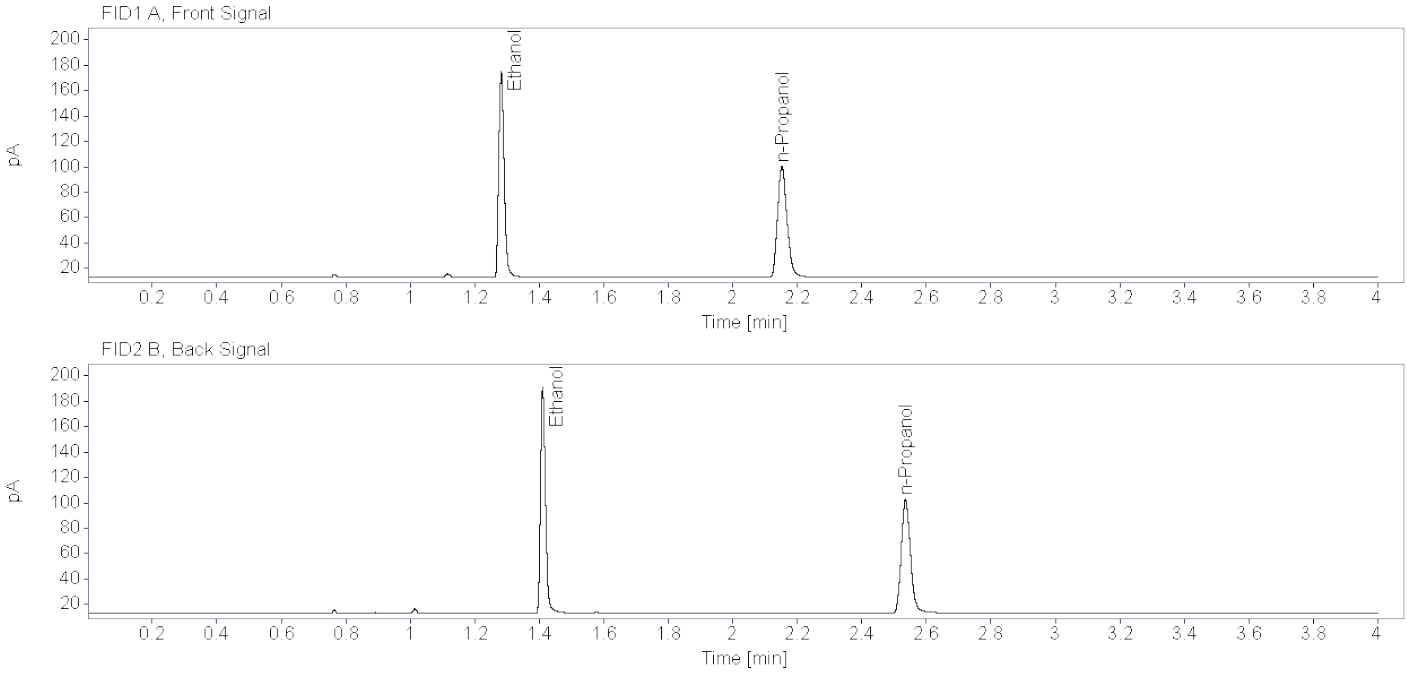
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77690	1.412	1.411	195.0958	0.1971
n-Propanol	0.82848	2.537	2.536	174.8617	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2113 001_001 (24-2521) **Description:** Alq 2 **Sample Barcode** 24-2521 **Vial Number:** 38

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 3:51:25 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\038F3801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76974	1.282	1.282	185.4451	0.1882
n-Propanol	0.78936	2.152	2.153	176.7189	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78025	1.411	1.411	187.9455	0.1886
n-Propanol	0.82928	2.536	2.536	176.0531	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2114 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0696	Aliquot 1:	0.0703
	Aliquot 2:	0.0703	Aliquot 2:	0.0699

Reported Result: **0.070** **g/100 mL**

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

Comments:

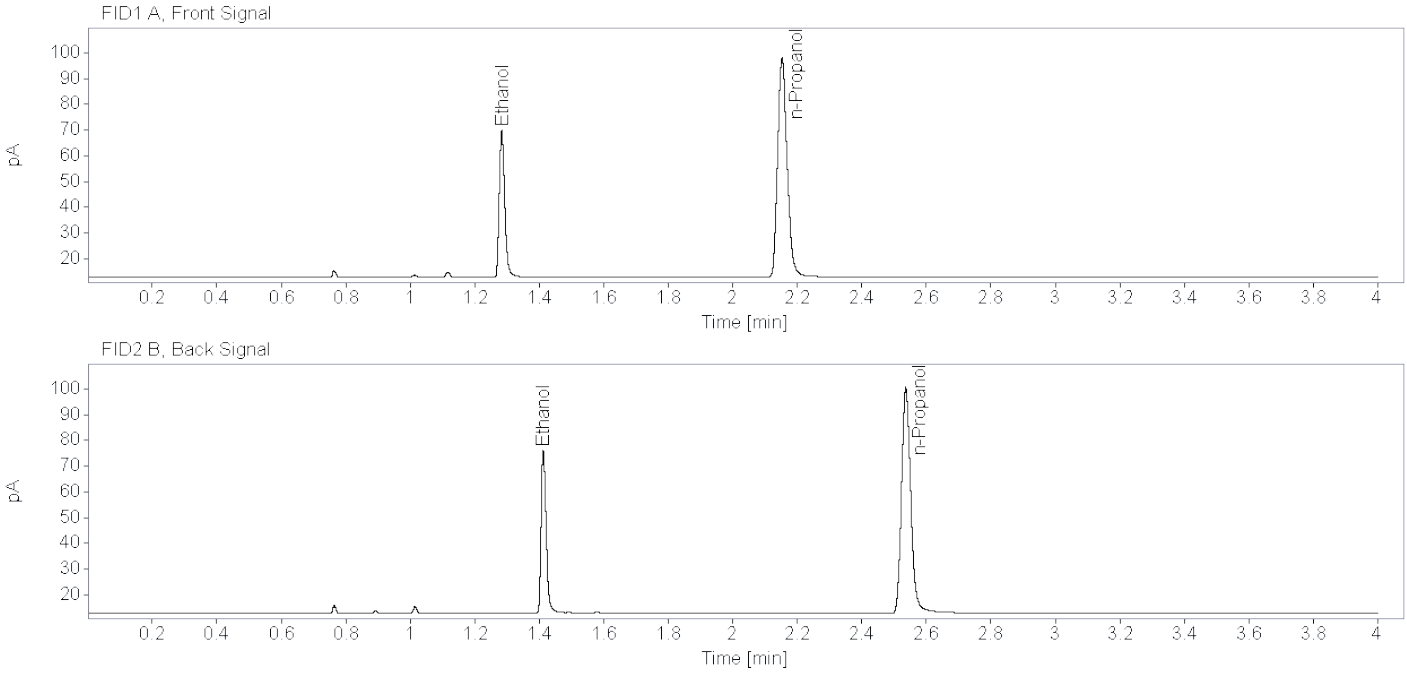
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2114 001_001 (24-2512) **Description:** Alq 1 **Sample Barcode** 24-2512 **Vial Number:** 29

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 3:04:24 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\029F2901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73550	1.284	1.282	66.3028	0.0696
n-Propanol	0.78971	2.153	2.153	172.1505	0.0100

Name FID2B

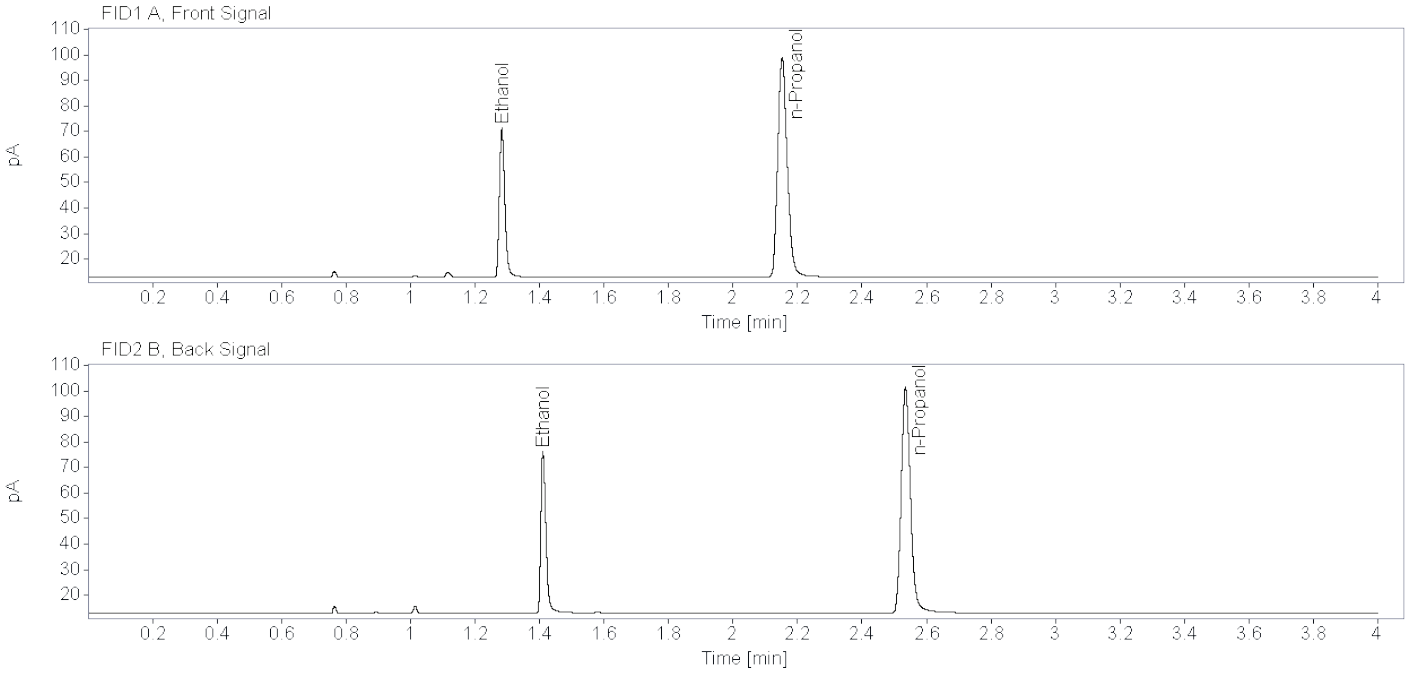
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74203	1.413	1.411	67.5248	0.0703
n-Propanol	0.81633	2.537	2.536	171.6733	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2114 001_001 (24-2520) **Description:** Alq 2 **Sample Barcode** 24-2520 **Vial Number:** 37

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 3:46:00 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\037F3701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74637	1.283	1.282	67.9786	0.0703
n-Propanol	0.78964	2.152	2.153	174.6244	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71010	1.411	1.411	68.1447	0.0699
n-Propanol	0.83122	2.535	2.536	174.1831	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2115 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

		FID1		FID2
Ethanol				
	Aliquot 1:	0.1020	Aliquot 1:	0.1026
	Aliquot 2:	0.1010	Aliquot 2:	0.1004

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

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

Comments:

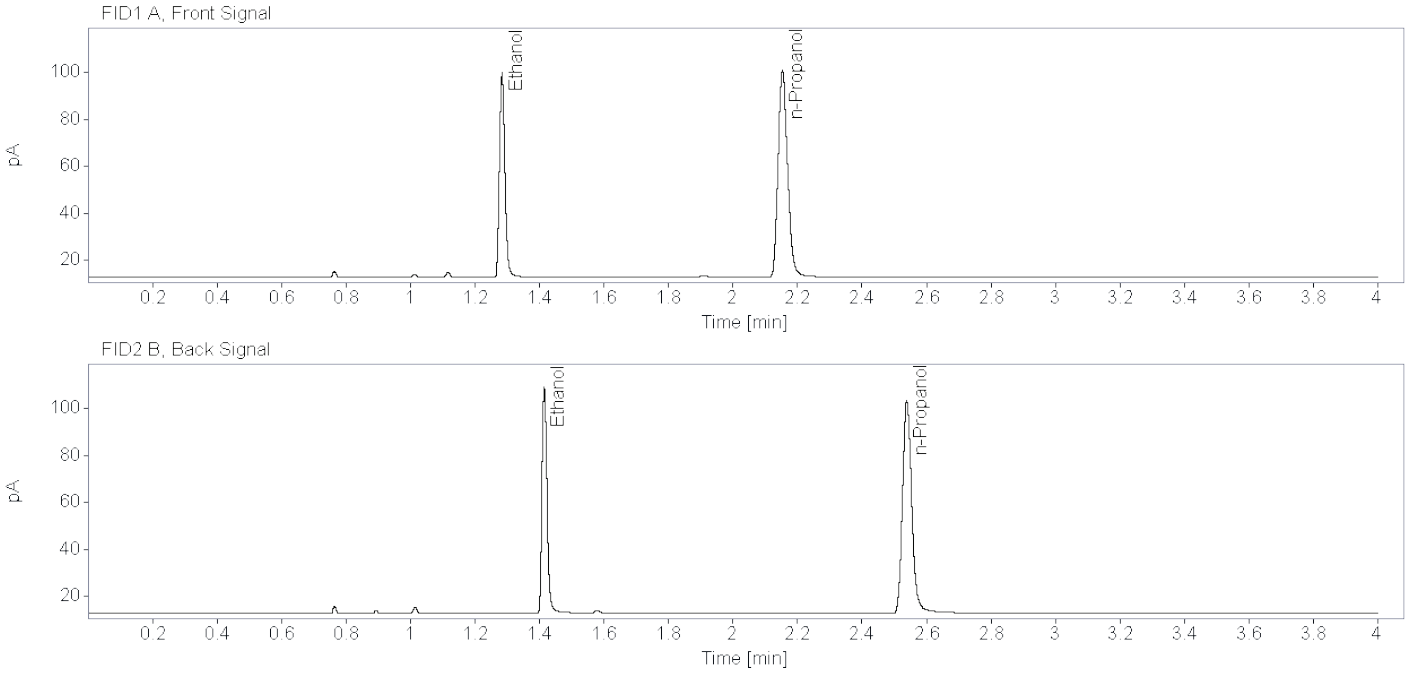
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2115 001_001 (24-2513) **Description:** Alq 1 **Sample Barcode** 24-2513 **Vial Number:** 30

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 3:09:49 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\030F3001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77771	1.284	1.282	101.1454	0.1020
n-Propanol	0.80231	2.153	2.153	178.5643	0.0100

Name FID2B

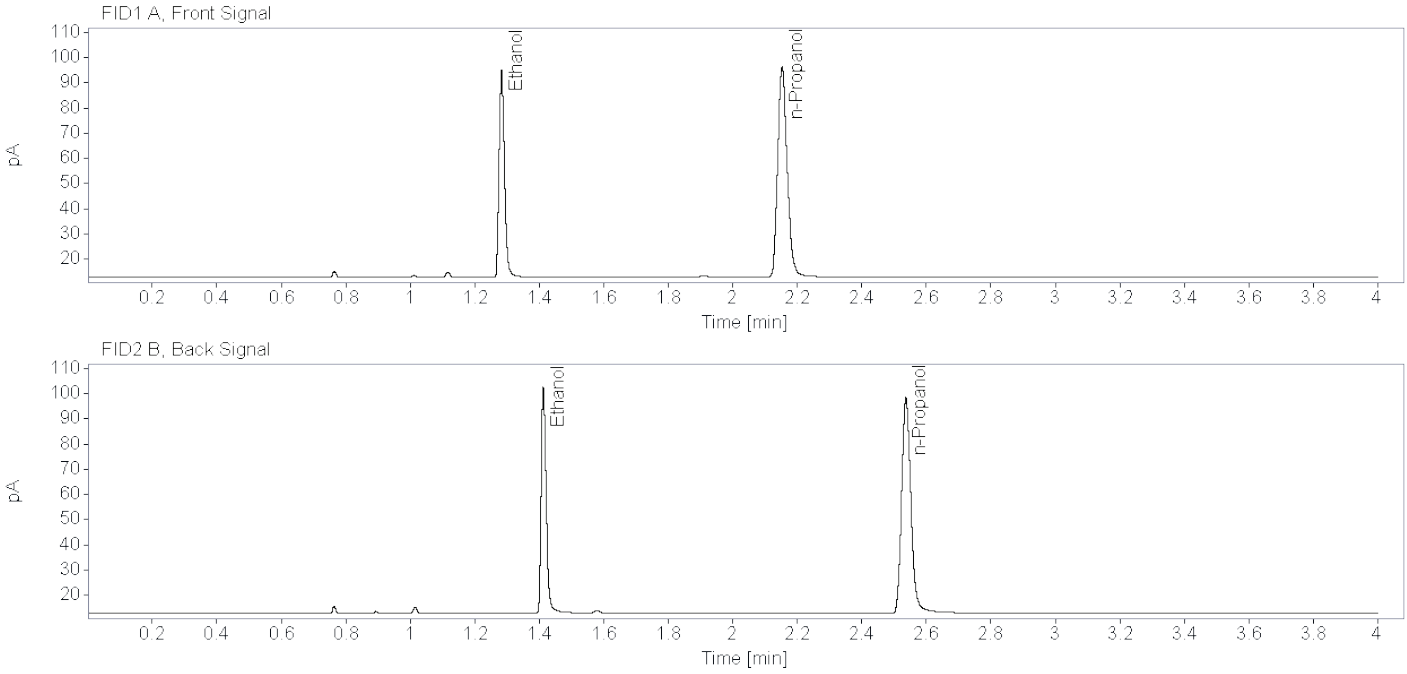
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77308	1.415	1.411	102.5429	0.1026
n-Propanol	0.82528	2.539	2.536	177.5075	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2115 001_001 (24-2519) **Description:** Alq 2 **Sample Barcode** 24-2519 **Vial Number:** 36

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 3:41:01 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\036F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77336	1.283	1.282	94.7475	0.1010
n-Propanol	0.79115	2.153	2.153	168.8489	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73152	1.413	1.411	95.2312	0.1004
n-Propanol	0.81951	2.537	2.536	168.5944	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2122 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0814	Aliquot 1:	0.0824
	Aliquot 2:	0.0806	Aliquot 2:	0.0807

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

Reported UM: **0.013** **g/100 mL**

Comments:

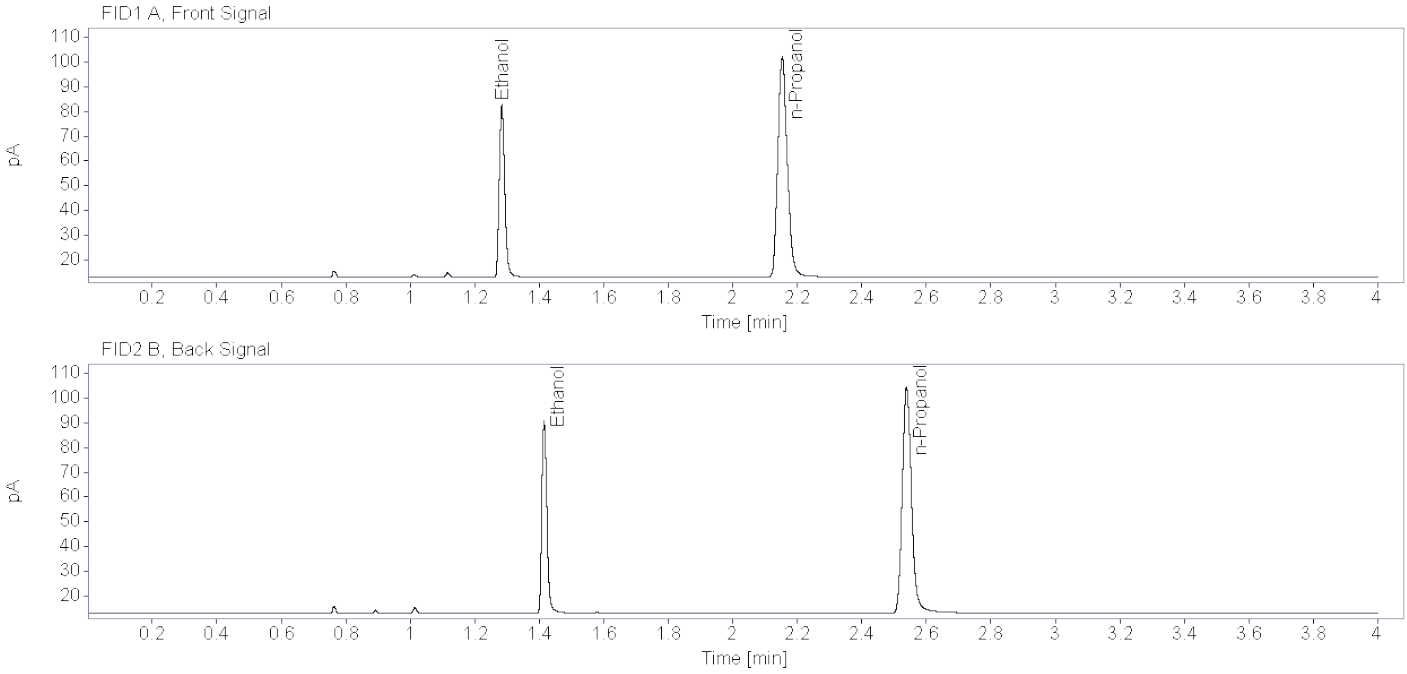
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2122 001_001 (24-2514) **Description:** Alq 1 **Sample Barcode** 24-2514 **Vial Number:** 31

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 3:14:48 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\031F3101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77692	1.284	1.282	81.6616	0.0814
n-Propanol	0.79950	2.153	2.153	180.9012	0.0100

Name FID2B

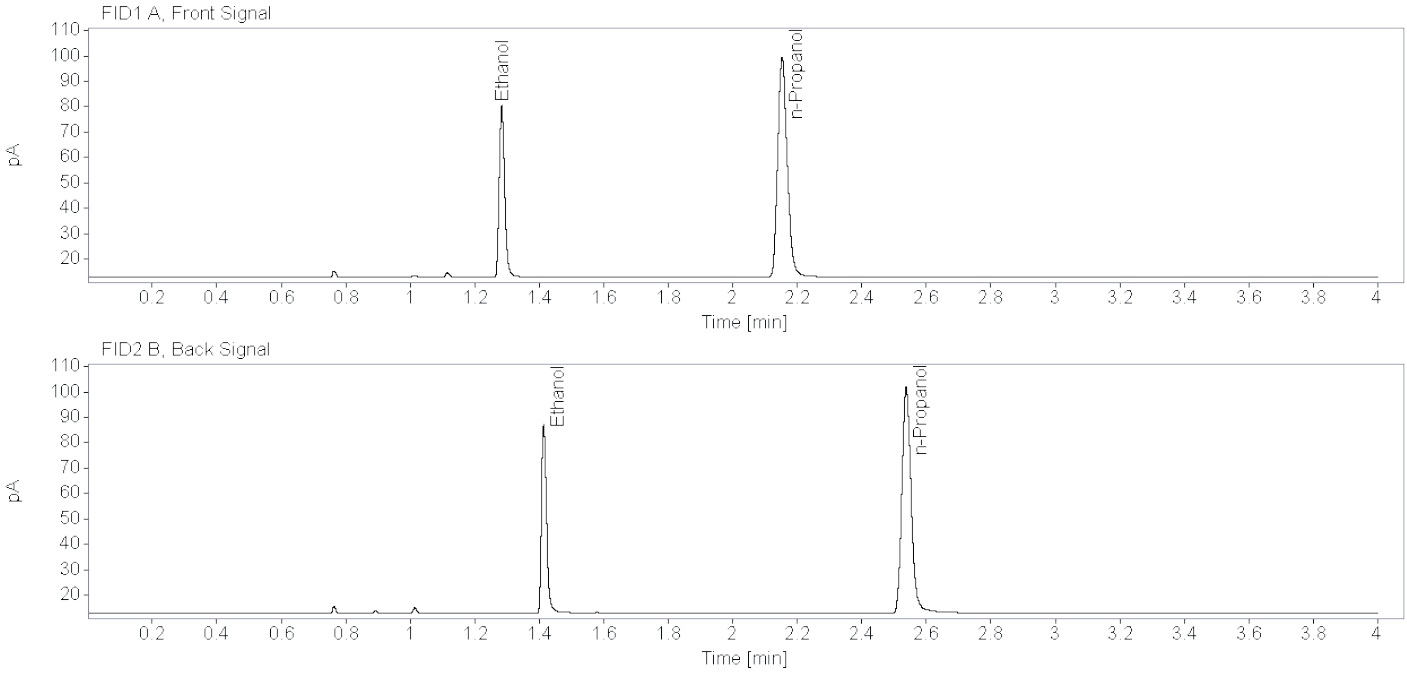
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76694	1.415	1.411	82.9075	0.0824
n-Propanol	0.83328	2.539	2.536	179.3796	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2122 001_001 (24-2518) **Description:** Alq 2 **Sample Barcode** 24-2518 **Vial Number:** 35

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 3:35:36 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\035F3501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76610	1.284	1.282	78.5577	0.0806
n-Propanol	0.79322	2.153	2.153	175.7653	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73845	1.414	1.411	79.3058	0.0807
n-Propanol	0.83387	2.538	2.536	175.1942	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2123 001_001

Batch Name: BAC_20241119_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2591	Aliquot 1:	0.2607
	Aliquot 2:	0.2610	Aliquot 2:	0.2621

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

Reported UM: **0.042** **g/100 mL**

Comments:

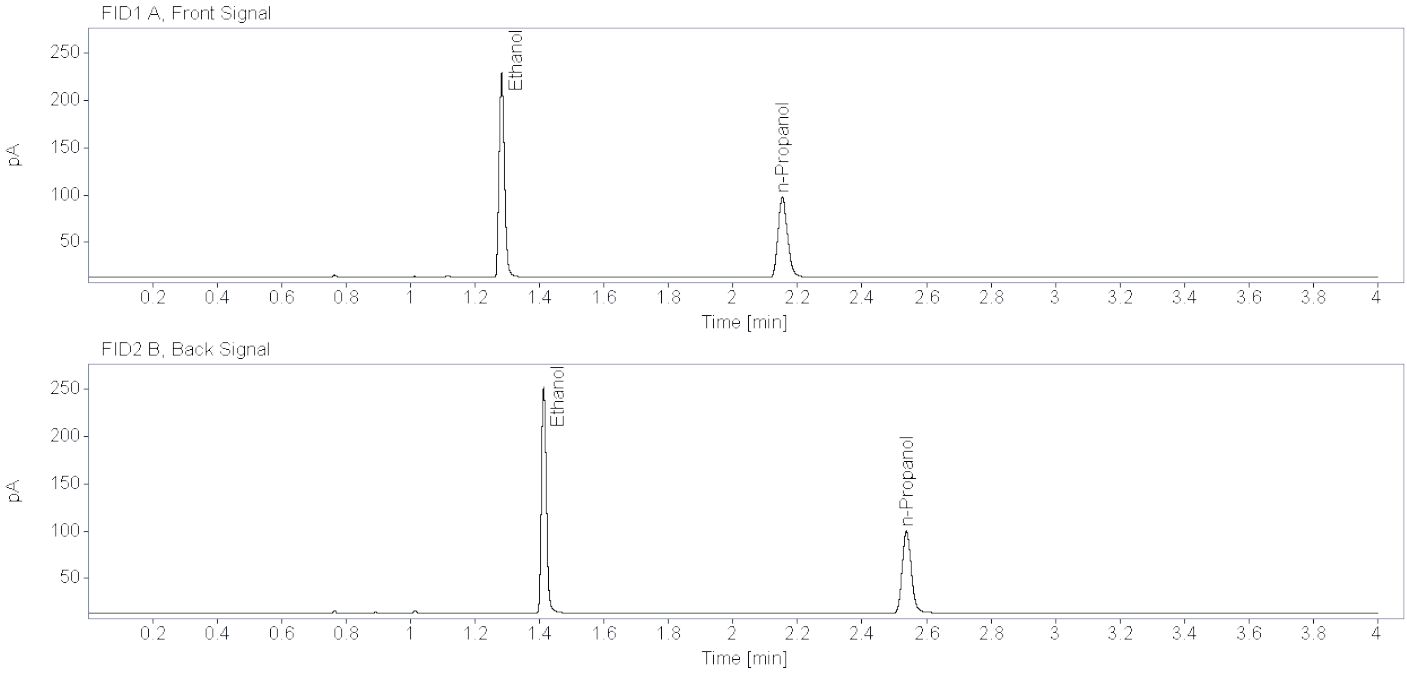
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2123 001_001 (24-2515) **Description:** Alq 1 **Sample Barcode** 24-2515 **Vial Number:** 32

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 3:20:13 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\032F3201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80078	1.283	1.282	248.6736	0.2591
n-Propanol	0.79611	2.153	2.153	171.9115	0.0100

Name FID2B

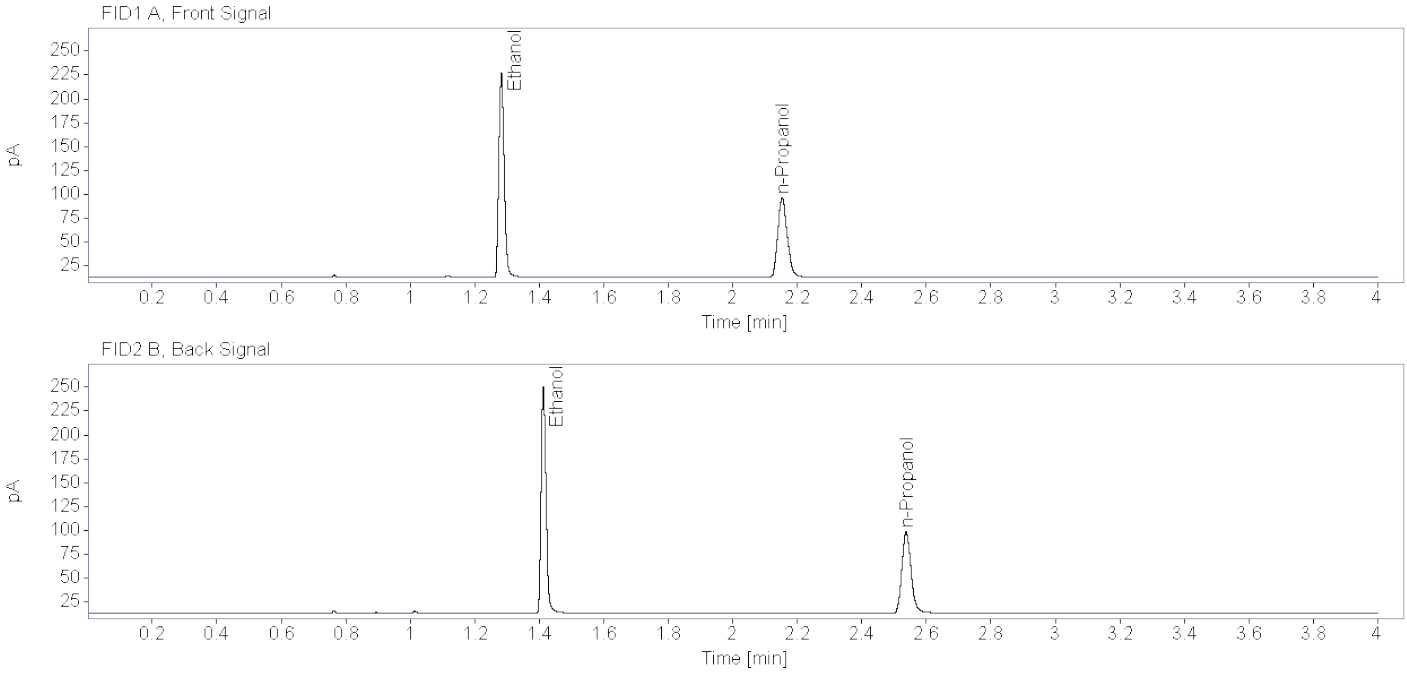
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80221	1.413	1.411	252.3215	0.2607
n-Propanol	0.82826	2.538	2.536	170.7372	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2123 001_001 (24-2517) **Description:** Alq 2 **Sample Barcode** 24-2517 **Vial Number:** 34

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 11/19/2024 3:30:37 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241119_MH 2024-11-19 12-28-46\034F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78867	1.283	1.282	245.7859	0.2610
n-Propanol	0.79516	2.153	2.153	168.7112	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79401	1.413	1.411	250.0421	0.2621
n-Propanol	0.82711	2.538	2.536	168.2627	0.0100