Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20240402_KB		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: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2024.04.30 15:21:10 -05'00'

Date: 4/30/2024

Technical Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2024.05.02 10:40:58 -05'00'

Date: 5/2/2024

Batch Name: BAC_20240402_KB

Technical Review Notes

All case samples need marked through on the BAC summary worksheet. -- 4/29/2024 mh

The following cases are missing the previously analyzed comment:
BCCL-23-2040, BCCL-23-2059, BCCL-23-2064, BCCL-23-2078, BCCL-23-2104, and BCCL-23-2115. -- 4/29/2024 mh

BAC Summary Worksheet

Batch Name:	BAC_20240402_KB
Instrument:	BAC-1
Analyst:	Kayla M. Baylor
UM%:	14.39
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		270.8986	253.2367
Acceptance Range	**Min**	243.8087	227.9130
	Max	297.9884	278.5603

Calibrators	Ethanol Obtained Value		Ethanol Average	% Difference			IS Area Counts	
	FID1	FID2		Average & Target	FID1 & Average	FID2 & Average	FID1	FID2
0.010 g/100mL Calibrator	0.0103	0.0104	0.0103	3.00	0.00	0.97	275.1758	257.6576
0.025 g/100mL Calibrator	0.0247	0.0247	0.0247	-1.20	0.00	0.00	271.3269	253.7869
0.050 g/100mL Calibrator	0.0494	0.0491	0.0492	-1.60	0.41	-0.20	269.3915	251.8584
0.100 g/100mL Calibrator	0.0982	0.0980	0.0981	-1.90	0.10	-0.10	268.0187	250.4254
0.200 g/100mL Calibrator	0.2002	0.1998	0.2000	0.00	0.10	-0.10	270.9731	253.2774
0.400 g/100mL Calibrator	0.4021	0.4022	0.4021	0.52	0.00	0.02	270.7748	252.9602
0.500 g/100mL Calibrator	0.5001	0.5008	0.5004	0.08	-0.06	0.08	270.6292	252.6907

		Target	Acceptance Range	
			Min	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		Ethanol Average	% Difference			IS Area Counts	
	FID1	FID2		Average & Target	FID1 & Average	FID2 & Average	FID1	FID2
Negative	0.0000	0.0000	0.0000	-	-	-	260.3464	242.6606
High QC	0.4017	0.4022	0.4019	0.47	-0.05	0.07	266.0045	248.2265
Low QC	0.0769	0.0764	0.0766	-1.54	0.39	-0.26	260.9455	243.1576
Blood QC A	0.0719	0.0719	0.0719	**-7.58**	0.00	0.00	266.2051	248.2720
Blood QC B	0.1920	0.1926	0.1923	-2.68	-0.16	0.16	260.7998	242.3115
Blood QC A	0.0747	0.0746	0.0746	-4.11	0.13	0.00	250.2805	232.9091
Blood QC B	0.1784	0.1783	0.1783	**-9.77**	0.06	0.00	254.0922	236.4673
Blood QC A	0.0746	0.0747	0.0746	-4.11	0.00	0.13	248.9654	231.5807
High QC	0.4164	0.4180	0.4172	4.30	-0.19	0.19	250.6562	233.0876
Low QC	0.0788	0.0787	0.0787	1.16	0.13	0.00	247.6741	229.7308
DI Water	0.0000	0.0000	0.0000	-	-	-	263.7305	245.0234

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

	Lab Number	Ethanol Obtained Value Alq1		Ethanol Obtained Value Alq2		Result	UM	% Difference FID & Average				IS Area Counts Alq1		IS Area Counts Alq2	
		FID1	FID2	FID1	FID2			Alq1 FID1	Alq1 FID2	Alq 2 FID1	Alq2 FID2	FID1	FID2	FID1	FID2
1	BCCL-21-1676 001	0.1500	0.1502	0.1530	0.1529	0.151	0.022	-1.01	-0.87	0.97	0.91	267.3672	249.3374	251.0675	233.3623
2	BCCL-23-2013 001	0.1120	0.1120	0.1134	0.1132	0.112	0.016	-0.58	-0.58	0.67	0.49	270.0997	252.0208	258.0145	239.9309
3	BCCL-23-2040 001	0.2399	0.2397	0.2337	0.2336	0.236	0.034	1.34	1.26	-1.28	-1.32	280.9223	261.9356	268.7355	250.4069
4	BCCL-23-2059 003	0.1221	0.1224	0.1176	0.1172	0.119	0.017	1.90	2.15	-1.86	-2.19	261.2356	243.3393	263.7390	245.6250
5	BCCL-23-2064 001	0.1804	0.1805	0.1742	0.1738	0.177	0.025	1.79	1.85	-1.71	-1.93	267.9583	249.6552	270.0136	251.5730
6	BCCL-23-2078 001	0.1796	0.1801	0.1871	0.1869	0.183	0.026	-2.09	-1.81	2.00	1.89	273.3771	254.7825	272.0702	253.3004
7	BCCL-23-2104 001	0.1904	0.1903	0.1914	0.1914	0.190	0.027	-0.25	-0.30	0.28	0.28	270.6537	252.1524	269.2441	250.9720
8	BCCL-23-2115 001	0.2472	0.2478	0.2518	0.2518	0.249	0.036	-0.98	-0.74	0.86	0.86	267.0251	248.8092	254.2320	236.7088
9	**BCCL-24-0388 004**	0.0697	0.0699	0.0741	0.0738	0.071	0.010	-3.03	-2.75	3.10	2.68	266.9222	248.4416	254.8038	236.7164
10	BCCL-24-0433 001	0.1470	0.1469	0.1511	0.1509	0.148	0.021	-1.33	-1.39	1.43	1.29	258.5501	240.6236	257.1880	239.2755
11	BCCL-24-0595 001	0.1366	0.1362	0.1377	0.1374	0.136	0.020	-0.27	-0.57	0.53	0.31	272.4114	254.0414	260.2979	242.4755
12	BCCL-24-0596 001	0.1116	0.1119	0.1120	0.1122	0.111	0.016	-0.29	-0.02	0.07	0.25	272.4460	254.0180	267.0917	248.6706
13	BCCL-24-0597 001	0.1458	0.1455	0.1505	0.1502	0.148	0.021	-1.49	-1.69	1.69	1.49	266.6312	248.7802	263.8958	245.9827
14	BCCL-24-0608 001	0.2477	0.2480	0.2497	0.2498	0.248	0.036	-0.44	-0.32	0.36	0.40	278.6664	259.8656	266.5945	248.7132
15	BCCL-24-0610 001	0.1607	0.1606	0.1642	0.1639	0.162	0.023	-1.02	-1.08	1.14	0.95	268.7664	250.4336	272.3544	253.8193
16	**BCCL-24-0620 001_001**	0.0938	0.0937	0.0981	0.0983	0.095	0.014	-2.27	-2.37	2.21	2.42	266.3226	248.2951	269.7130	251.2294
17	BCCL-24-0622 001	0.2049	0.2051	0.2028	0.2031	0.203	0.029	0.45	0.55	-0.58	-0.43	269.4760	251.2043	268.2102	249.8866
18	BCCL-24-0623 001	0.1274	0.1271	0.1260	0.1257	0.126	0.018	0.67	0.43	-0.43	-0.67	256.2018	238.6061	257.2044	239.5702
19	BCCL-24-0624 001	0.2417	0.2416	0.2352	0.2352	0.238	0.034	1.37	1.33	-1.35	-1.35	250.6293	233.5314	256.4254	238.7892
20	BCCL-24-0625 001	0.2183	0.2184	0.2050	0.2051	0.211	0.030	3.12	3.16	-3.16	-3.12	255.5746	238.2845	259.9730	242.3442

KB 4/30/2024

Blood QC A and Blood QC B failed to meet acceptance criteria, outside 5% of target, cases bracketed by these controls will be repeated -KB 4/26/2024

Kayla M. Baylor

Digitally signed by Kayla M. Baylor
Date: 2024.04.26 15:05:44 -05'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC-20240402-KB **Analyst:** Kayla M. Baylor **Instrument:** BAC-1

	Lot:	Expiration:	Inventory Number:
Cal 1	FN1227220I	2/29/2028	S-23-5008F
Cal 2	FN0312211Z	3/31/2026	S-23-5002I
Cal 3	FN0317230I	3/31/2028	S-23-5010B
Cal 4	FN0307230I	3/31/2028	S-23-5011B
Cal 5	FN0313230Z	3/31/2028	S-23-5012A
Cal 6	FN0305210Z	3/31/2026	S-22-054H
Cal 7	FN0626200Y	7/31/2025	S-23-5014C
High QC	30012020-A	1/31/2025	S-23-5006N
Low QC	SRM #3893a	RT: 1/9/2029	S-24-5000D
Blood QC A	2101199	2/28/2025	S-22-0310
Blood QC B	2110181	3/31/2026	S-23-5000E
Internal Standard	N/A	4/18/2024	R-23-5004
Pipette(s)	5053, 205L		

Comments:

KB

BCCL ANALYTICAL WORKLIST

ANALYST: Kayla Baylor

BAC-20240402-KB

Worklist ID: 46TMK00VR549FM

Case #	Evid #	Evid Type	Service
BCCL-21-1676	001	Blood	Alcohol
	~~002~~	~~Blood~~	~~Alcohol~~ KB 4/25/2024
BCCL-23-2013	001	Blood	Alcohol
BCCL-23-2040	001	Blood	Alcohol
BCCL-23-2059	003	Blood	Alcohol
BCCL-23-2064	001	Blood	Alcohol
BCCL-23-2078	001	Blood	Alcohol
BCCL-23-2104	001	Blood	Alcohol
BCCL-23-2115	001	Blood	Alcohol
BCCL-24-0388	004	Blood	Alcohol
	~~005~~	~~Blood~~	~~Alcohol~~ KB 4/25/2024
BCCL-24-0433	001	Blood	Alcohol
	~~002~~	~~Blood~~	~~Alcohol~~ KB 4/25/2024
BCCL-24-0595	001	Blood	Alcohol
BCCL-24-0596	001	Blood	Alcohol

KB

BAC-20240402-KB

Case #	Evid #	Evid Type	Service
BCCL-24-0597	001	Blood	Alcohol
BCCL-24-0608	001	Blood	Alcohol
BCCL-24-0610	001	Blood	Alcohol
BCCL-24-0620	001_001	Blood	Alcohol
BCCL-24-0622	001	Blood	Alcohol
BCCL-24-0623	001	Blood	Alcohol
BCCL-24-0624	001	Blood	Alcohol
BCCL-24-0625	001	Blood	Alcohol

KB

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\1\SEQUENCE\2024\BAC_20240402_KB.S
Operator : Kayla M. Baylor
Data File Naming : Auto
Data Directory : C:\Chem32\1\Data\
Data Subdirectory :
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 verified 4/2/2024 mh

SEQUENCE TABLE:

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (24-0803)
Method Name : BAC
Sample Type : Calibration
Calibration Level : 1

Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (24-0804)
Method Name : BAC
Sample Type : Calibration
Calibration Level : 2

Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (24-0805)
Method Name : BAC
Sample Type : Calibration
Calibration Level : 3

Line : 4
Location : 4
Sample Information :
Sample Name : 0.100 g/100mL Cal (24-0806)
Method Name : BAC
Sample Type : Calibration

KB

Calibration Level : 4

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Line : 5
Location : 5
Sample Information :
Sample Name : 0.200 g/100mL Cal (24-0807)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 5

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Line : 6
Location : 6
Sample Information :
Sample Name : 0.400 g/100mL Cal (24-0808)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 6

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Line : 7
Location : 7
Sample Information :
Sample Name : 0.500 g/100mL Cal (24-0809)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 7

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Line : 8
Location : 8
Sample Information :
Sample Name : Negative (24-0810)
Method Name : BAC
Sample Type : Sample

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Line : 9
Location : 9
Sample Information :
Sample Name : High QC (24-0811)
Method Name : BAC
Sample Type : Sample

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Line : 10
Location : 10
Sample Information :

Sample Name : Low QC (24-0812)
Method Name : BAC
Sample Type : Sample

Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (24-0813)
Method Name : BAC
Sample Type : Sample

Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-21-1676 001 (24-0814)
Method Name : BAC
Sample Type : Sample

Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-23-2013 001 (24-0815)
Method Name : BAC
Sample Type : Sample

Line : 14
Location : 14
Sample Information : Alq 1
Sample Name : BCCL-23-2040 001 (24-0816)
Method Name : BAC
Sample Type : Sample

Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-23-2059 003 (24-0817)
Method Name : BAC
Sample Type : Sample

Line : 16
Location : 16
Sample Information : Alq 1

KB

Sample Name : BCCL-23-2064 001 (24-0818)
Method Name : BAC
Sample Type : Sample

Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-23-2078 001 (24-0819)
Method Name : BAC
Sample Type : Sample

Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-23-2104 001 (24-0820)
Method Name : BAC
Sample Type : Sample

Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-23-2115 001 (24-0821)
Method Name : BAC
Sample Type : Sample

Line : 20
Location : 20
Sample Information : Alq 1
Sample Name : BCCL-24-0388 004 (24-0822)
Method Name : BAC
Sample Type : Sample

Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-24-0433 001 (24-0824)
Method Name : BAC
Sample Type : Sample

Line : 22
Location : 22
Sample Information :

Sample Name : Blood QC B (24-0823)
Method Name : BAC
Sample Type : Sample

Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-24-0595 001 (24-0825)
Method Name : BAC
Sample Type : Sample

Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-24-0596 001 (24-0826)
Method Name : BAC
Sample Type : Sample

Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-24-0597 001 (24-0827)
Method Name : BAC
Sample Type : Sample

Line : 26
Location : 26
Sample Information : Alq 1
Sample Name : BCCL-24-0608 001 (24-0828)
Method Name : BAC
Sample Type : Sample

Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-24-0610 001 (24-0829)
Method Name : BAC
Sample Type : Sample

Line : 28
Location : 28
Sample Information : Alq 1

Sample Name : BCCL-24-0620 001_001 (24-0830)
Method Name : BAC
Sample Type : Sample

Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-24-0622 001 (24-0831)
Method Name : BAC
Sample Type : Sample

Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-24-0623 001 (24-0832)
Method Name : BAC
Sample Type : Sample

Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-24-0624 001 (24-0833)
Method Name : BAC
Sample Type : Sample

Line : 32
Location : 32
Sample Information : Alq 1
Sample Name : BCCL-24-0625 001 (24-0834)
Method Name : BAC
Sample Type : Sample

Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (24-0835)
Method Name : BAC
Sample Type : Sample

Line : 34
Location : 34
Sample Information : Alq 2

Sample Name : BCCL-24-0625 001 (24-0836)
Method Name : BAC
Sample Type : Sample

Line : 35
Location : 35
Sample Information : Alq 2
Sample Name : BCCL-24-0624 001 (24-0837)
Method Name : BAC
Sample Type : Sample

Line : 36
Location : 36
Sample Information : Alq 2
Sample Name : BCCL-24-0623 001 (24-0838)
Method Name : BAC
Sample Type : Sample

Line : 37
Location : 37
Sample Information : Alq 2
Sample Name : BCCL-24-0622 001 (24-0839)
Method Name : BAC
Sample Type : Sample

Line : 38
Location : 38
Sample Information : Alq 2
Sample Name : BCCL-24-0620 001_001 (24-0840)
Method Name : BAC
Sample Type : Sample

Line : 39
Location : 39
Sample Information : Alq 2
Sample Name : BCCL-24-0610 001 (24-0841)
Method Name : BAC
Sample Type : Sample

Line : 40
Location : 40
Sample Information : Alq 2

KB

Sample Name : BCCL-24-0608 001 (24-0842)
Method Name : BAC
Sample Type : Sample

Line : 41
Location : 41
Sample Information : Alq 2
Sample Name : BCCL-24-0597 001 (24-0843)
Method Name : BAC
Sample Type : Sample

Line : 42
Location : 42
Sample Information : Alq 2
Sample Name : BCCL-24-0596 001 (24-0844)
Method Name : BAC
Sample Type : Sample

Line : 43
Location : 43
Sample Information : Alq 2
Sample Name : BCCL-24-0595 001 (24-0845)
Method Name : BAC
Sample Type : Sample

Line : 44
Location : 44
Sample Information :
Sample Name : Blood QC B (24-0846)
Method Name : BAC
Sample Type : Sample

Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-24-0433 001 (24-0847)
Method Name : BAC
Sample Type : Sample

Line : 46
Location : 46
Sample Information : Alq 2

Sample Name : BCCL-24-0388 004 (24-0848)
Method Name : BAC
Sample Type : Sample

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-23-2115 001 (24-0849)
Method Name : BAC
Sample Type : Sample

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-23-2104 001 (24-0850)
Method Name : BAC
Sample Type : Sample

Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-23-2078 001 (24-0851)
Method Name : BAC
Sample Type : Sample

Line : 50
Location : 50
Sample Information : Alq 2
Sample Name : BCCL-23-2064 001 (24-0852)
Method Name : BAC
Sample Type : Sample

Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-23-2059 003 (24-0853)
Method Name : BAC
Sample Type : Sample

Line : 52
Location : 52
Sample Information : Alq 2

Sample Name : BCCL-23-2040 001 (24-0854)
Method Name : BAC
Sample Type : Sample

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-23-2013 001 (24-0855)
Method Name : BAC
Sample Type : Sample

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-21-1676 001 (24-0856)
Method Name : BAC
Sample Type : Sample

Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (24-0857)
Method Name : BAC
Sample Type : Sample

Line : 56
Location : 56
Sample Information :
Sample Name : High QC (24-0858)
Method Name : BAC
Sample Type : Sample

Line : 57
Location : 57
Sample Information :
Sample Name : Low QC (24-0859)
Method Name : BAC
Sample Type : Sample

Line : 58
Location : 58
Sample Information :

KB

Sequence: C:\CHEM32\1\SEQUENCE\2024\BAC_20240402_KB.S

Sample Name : DI Water (24-0860)
Method Name : BAC
Sample Type : Sample

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KB

Method Information

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

Run Time Checklist

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

Injection Source and Location

Injection Source:	HS 10.11.30.56
Injection Location:	GC Front

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

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Agilent 7697A

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Agilent 7697A
Instrument Info

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

Instrument Settings

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

System Configuration

Carrier Control:	GC Instrument

Resource Conservation

Vial Standby Flow (mL/min):	20

Temperature Settings:

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

Timing Settings:

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

Vial and Loop Settings:

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

Carrier Settings:

Carrier Control Mode:	GC controls Carrier

Advanced Settings:

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

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

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Agilent 7890A

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GC

GC Summary	
Run Time	4 min
Post Run Time	0 min

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

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

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

Column #2	
Column Information	Agilent 123-9234
DB-ALC2	
Temperature Range	-60 °C—260 °C (260 °C)

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

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

Front Detector FID

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

Back Detector FID

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

Aux EPC 1,2,3
Aux EPC 1 He

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

Aux EPC 2 He

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

Aux EPC 3 He

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

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

Signals

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

The Data Analysis Parameters of the used Method are :

Integration Events

Non signal specific Integration Events

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

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

Default Integration Event Table "Event"

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

Detector Default Integration Event Table "Event_ADC"

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

Detector Default Integration Event Table "Event_TCD"

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

Detector Default Integration Event Table "Event_ECD"

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

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

Detector Default Integration Event Table "Event_NPD"

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

Detector Default Integration Event Table "Event_FPD"

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

Detector Default Integration Event Table "Event_uECD"

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

Detector Default Integration Event Table "Event_FID"

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

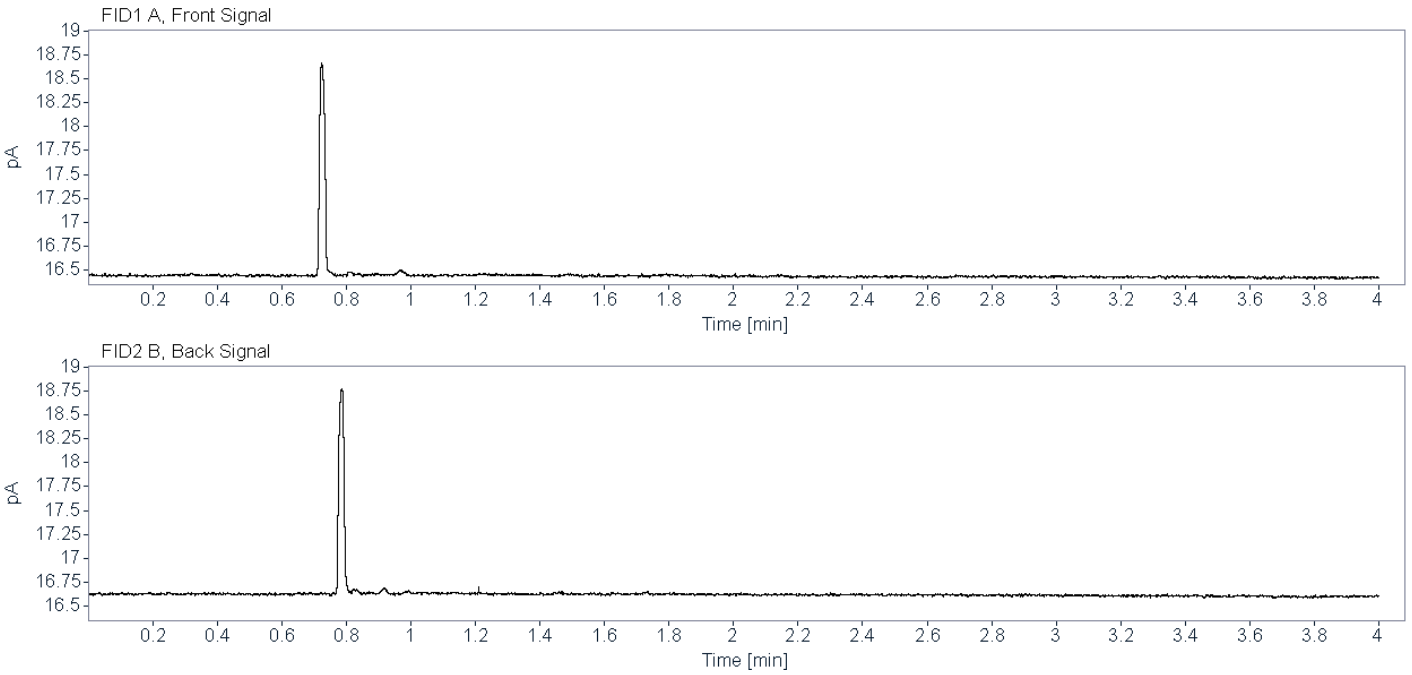
Apply Method's Manual Integration Events: No

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 1

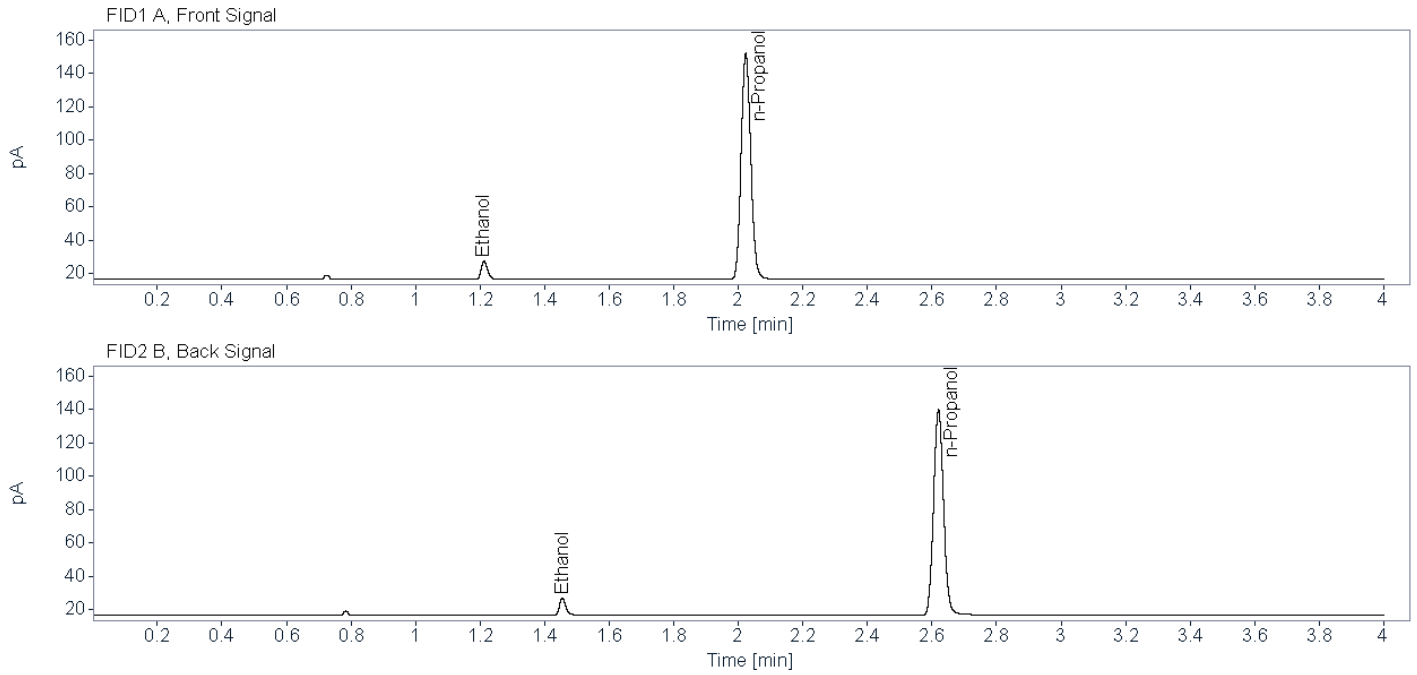
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 7:20:11 AM

Data File: C:\Chem32\1\Data\2024\BAC_20240402PC_KB 2024-04-02 07-10-12\001F0101.D



Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: PC **Description:** **Sample Barcode** **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 7:24:54 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240402PC_KB 2024-04-02 07-10-12\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80821	1.213	1.210	14.9562	0.0108
n-Propanol	0.87286	2.023	2.024	280.7833	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78220	1.455	1.454	13.9253	0.0107
n-Propanol	0.92118	2.620	2.621	263.2675	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 4/3/2024 6:48:01 AM
Signals calculated separately : No

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

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

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

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

Sample ISTD Information:

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

Signal Details

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

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD	#	Compound
1.209	1	1	1.00000e-2	14.84260	6.73737e-4	No	No	1	Ethanol
		2	2.50000e-2	36.74747	6.80319e-4				
		3	5.00000e-2	74.08064	6.74940e-4				
		4	1.00000e-1	147.68518	6.77116e-4				
		5	2.00000e-1	305.70111	6.54234e-4				
		6	4.00000e-1	614.85406	6.50561e-4				
		7	5.00000e-1	764.61267	6.53926e-4				
1.454	2	1	1.00000e-2	13.90802	7.19010e-4	No	No	2	Ethanol
		2	2.50000e-2	34.44054	7.25889e-4				
		3	5.00000e-2	69.37381	7.20733e-4				
		4	1.00000e-1	139.21313	7.18323e-4				
		5	2.00000e-1	288.47403	6.93303e-4				
		6	4.00000e-1	581.53589	6.87834e-4				
		7	5.00000e-1	723.64917	6.90943e-4				
2.023	1	1	1.00000e-2	275.17575	3.63404e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	271.32687	3.68559e-5				
		3	1.00000e-2	269.39151	3.71207e-5				
		4	1.00000e-2	268.01874	3.73108e-5				
		5	1.00000e-2	270.97308	3.69040e-5				
		6	1.00000e-2	270.77481	3.69311e-5				
		7	1.00000e-2	270.62921	3.69509e-5				
2.621	2	1	1.00000e-2	257.65756	3.88112e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	253.78694	3.94031e-5				
		3	1.00000e-2	251.85835	3.97049e-5				
		4	1.00000e-2	250.42542	3.99320e-5				
		5	1.00000e-2	253.27744	3.94824e-5				
		6	1.00000e-2	252.96022	3.95319e-5				
		7	1.00000e-2	252.69066	3.95741e-5				

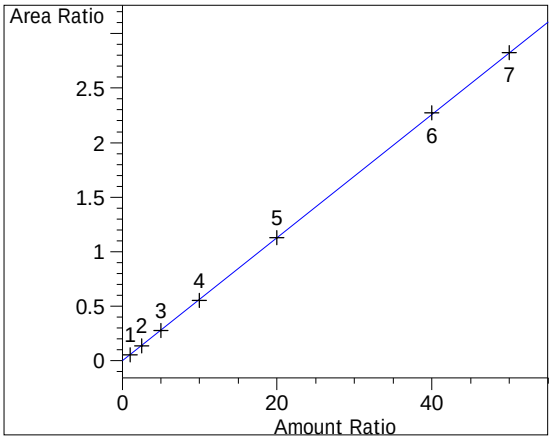
Peak Sum Table

No Entries in table

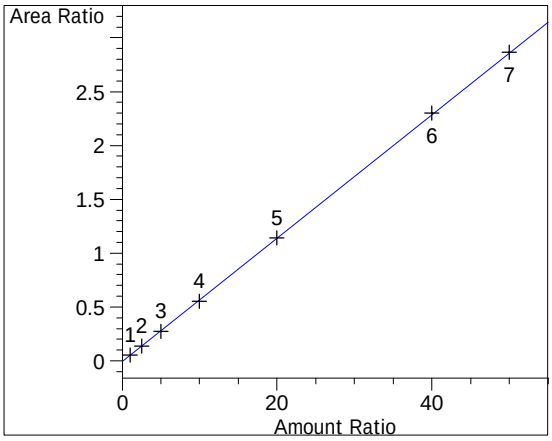
1 Warnings or Errors :

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

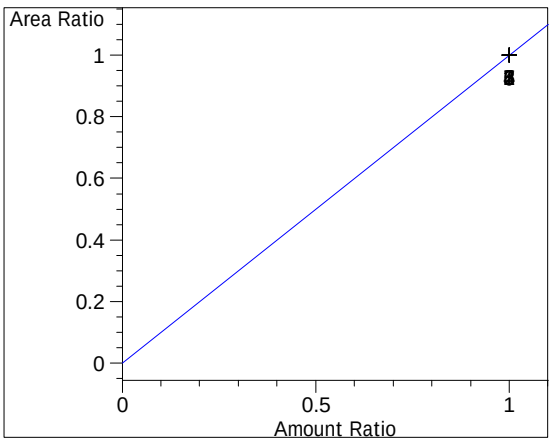
Calibration Curves



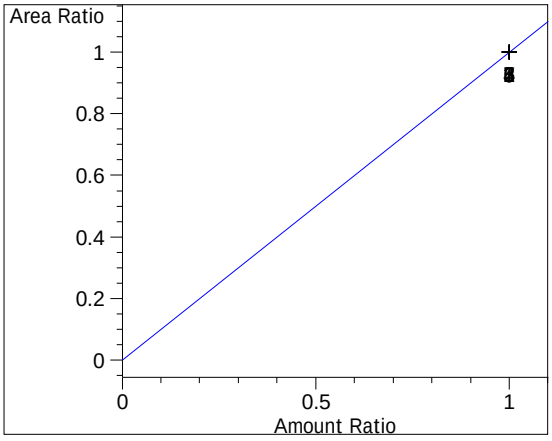
Ethanol at exp. RT: 1.209
FID1 A, Front Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00729
Formula: y = mx + b
m: 5.65843e-2
b: -4.55393e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.398258
Level 3 : 0.196146
Level 4 : 0.097888
Level 5 : 0.047811
Level 6 : 0.023754
Level 7 : 0.019091



Ethanol at exp. RT: 1.454
FID2 B, Back Signal
Correlation: 0.99995
Residual Std. Dev.: 0.00838
Formula: y = mx + b
m: 5.72977e-2
b: -5.79913e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.397761
Level 3 : 0.195967
Level 4 : 0.0971
Level 5 : 0.047393
Level 6 : 0.02348
Level 7 : 0.018849



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

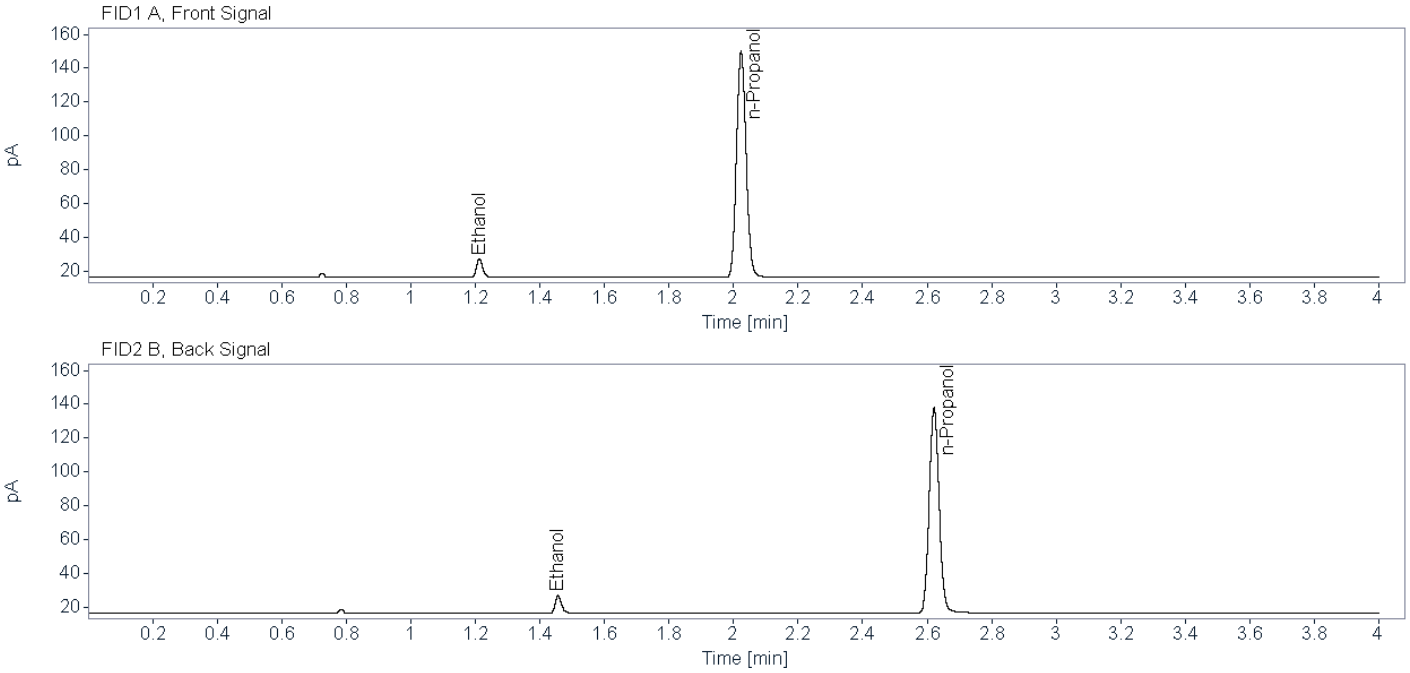


n-Propanol at exp. RT: 2.621
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

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Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (24-0803) **Description:** **Sample Barcode** 24-0803 **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 9:50:11 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\001F0101.D



Name FID1A

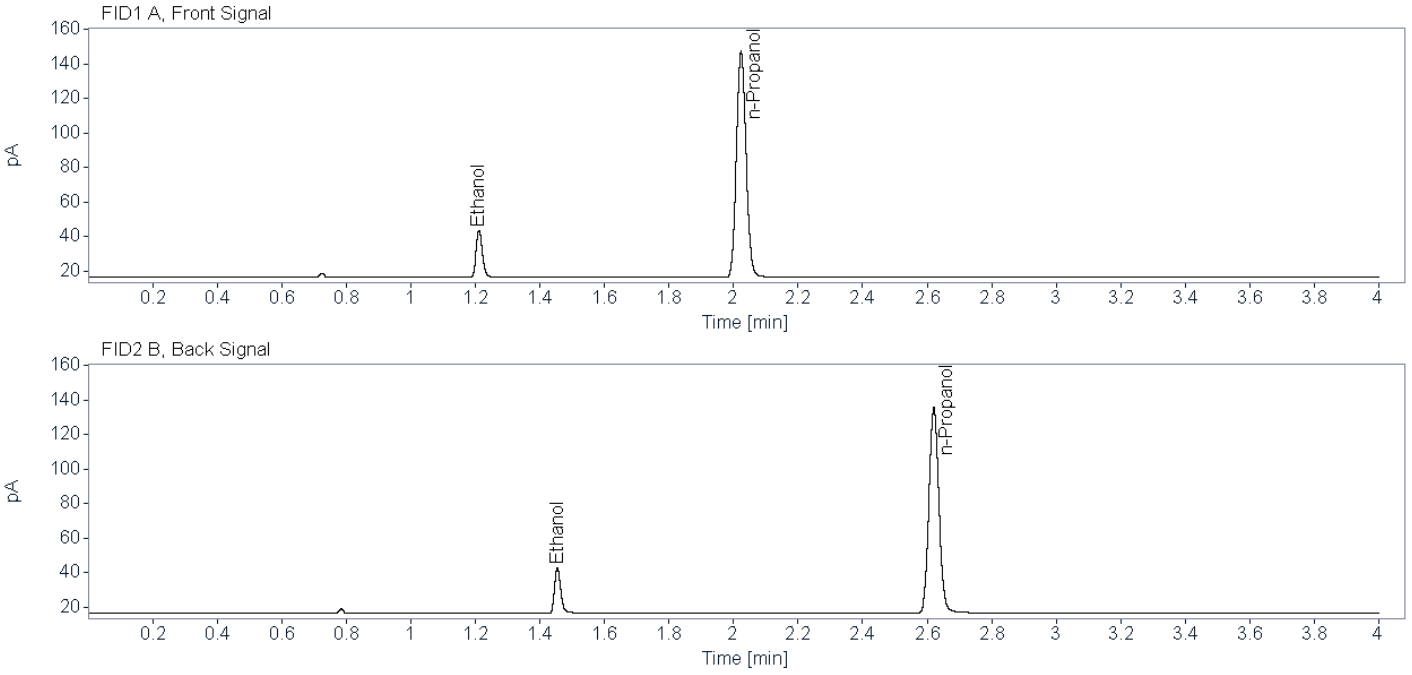
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80003	1.213	1.213	14.8426	0.0103
n-Propanol	0.88216	2.023	2.023	275.1758	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77987	1.456	1.456	13.9080	0.0104
n-Propanol	0.90926	2.621	2.621	257.6576	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (24-0804) **Description:** **Sample Barcode** 24-0804 **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 9:54:54 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\002F0201.D



Name FID1A

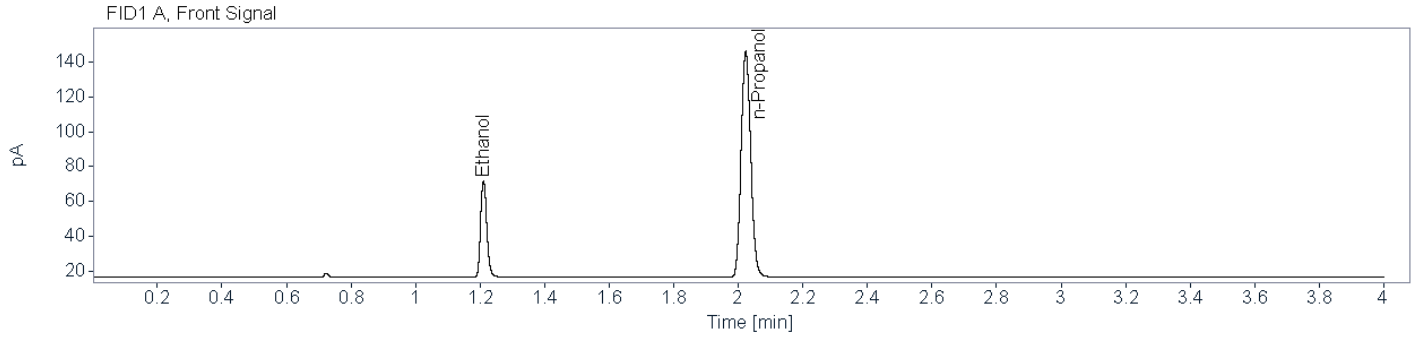
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81776	1.211	1.211	36.7475	0.0247
n-Propanol	0.88140	2.023	2.023	271.3269	0.0100

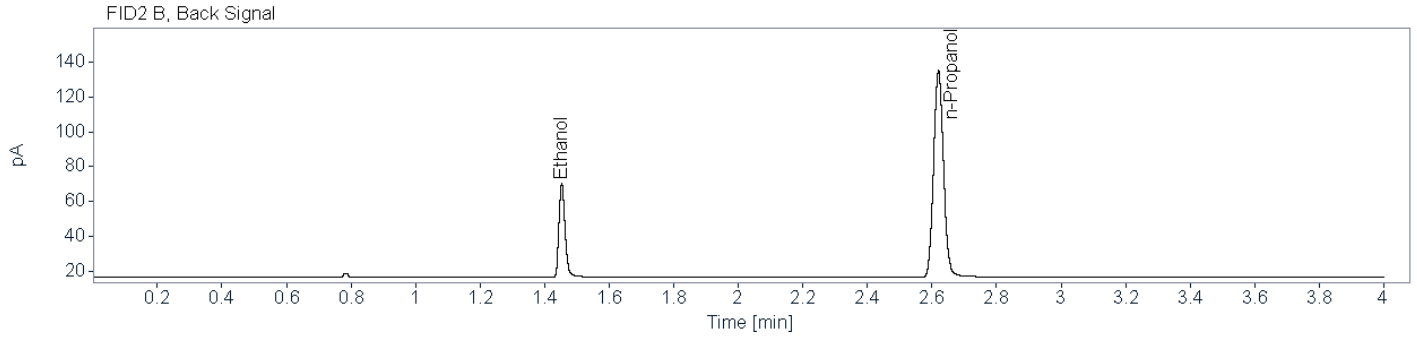
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78943	1.454	1.454	34.4405	0.0247
n-Propanol	0.92248	2.621	2.621	253.7869	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (24-0805) **Description:** **Sample Barcode** 24-0805 **Vial Number:** 3
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 10:00:34 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\003F0301.D





Name FID1A

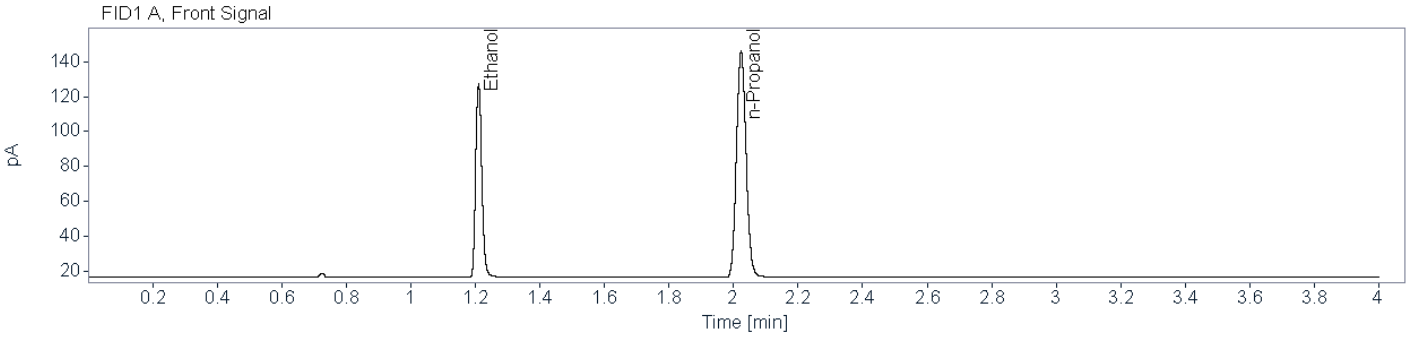
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81781	1.211	1.211	74.0806	0.0494
n-Propanol	0.86950	2.023	2.023	269.3915	0.0100

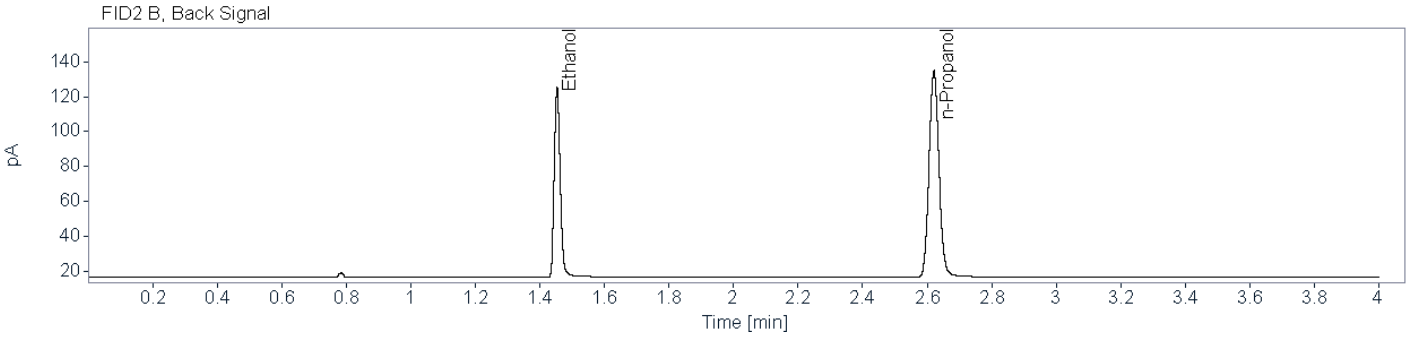
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78797	1.453	1.453	69.3738	0.0491
n-Propanol	0.90960	2.620	2.620	251.8584	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (24-0806) **Description:** **Sample Barcode** 24-0806 **Vial Number:** 4
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 10:05:17 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\004F0401.D





Name FID1A

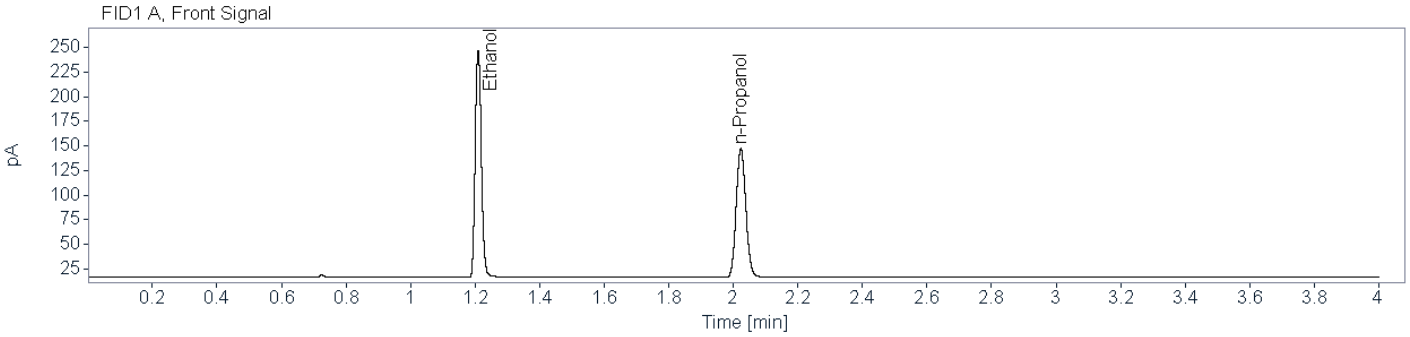
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83854	1.210	1.210	147.6852	0.0982
n-Propanol	0.88065	2.023	2.023	268.0187	0.0100

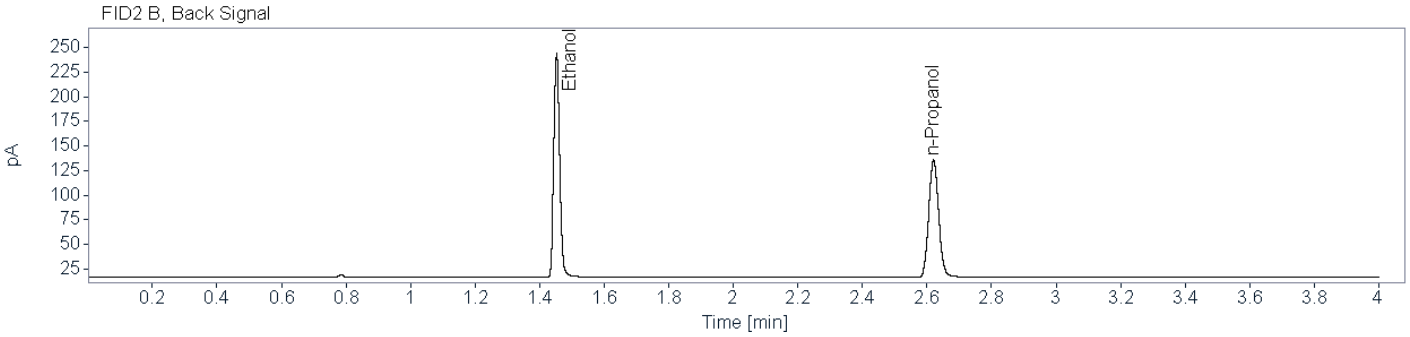
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82397	1.453	1.453	139.2131	0.0980
n-Propanol	0.90073	2.621	2.621	250.4254	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (24-0807) **Description:** **Sample Barcode** 24-0807 **Vial Number:** 5
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 10:10:58 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\005F0501.D





Name FID1A

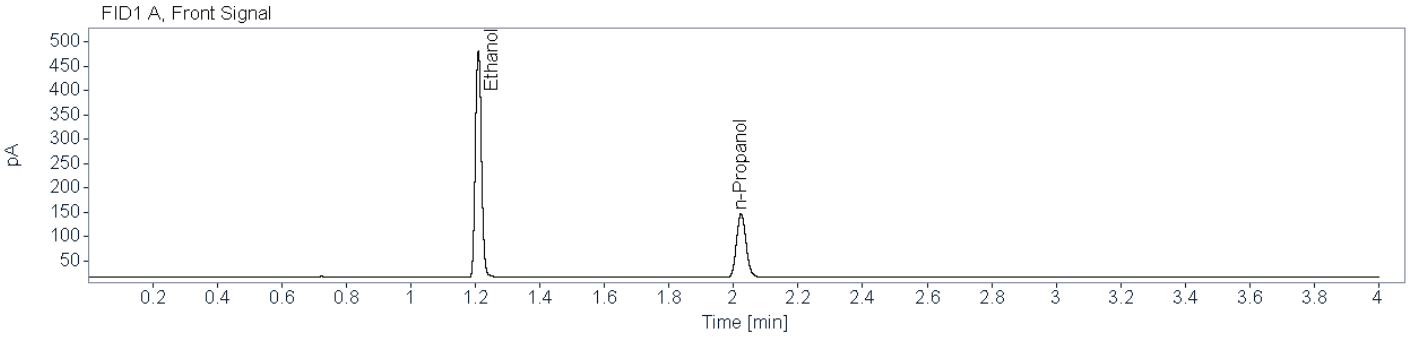
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84765	1.210	1.210	305.7011	0.2002
n-Propanol	0.87576	2.023	2.023	270.9731	0.0100

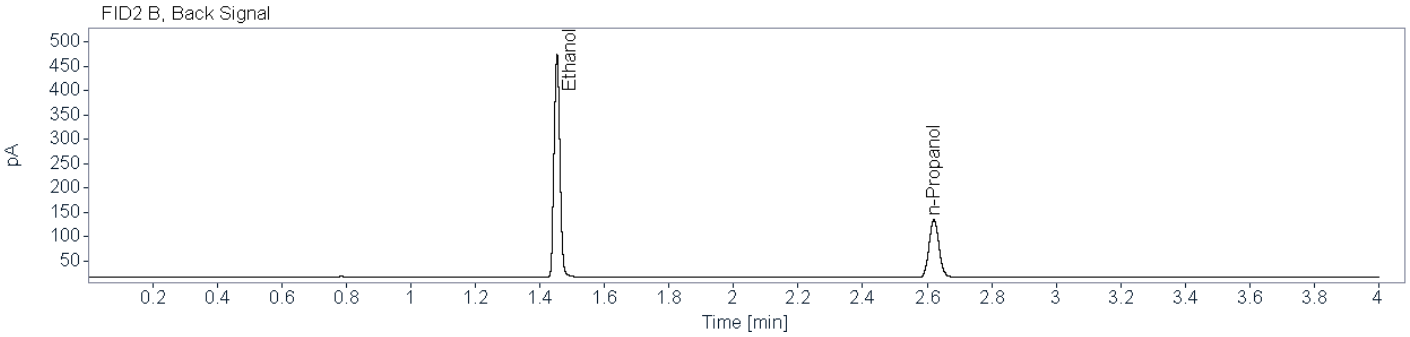
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86263	1.453	1.453	288.4740	0.1998
n-Propanol	0.90664	2.621	2.621	253.2774	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (24-0808) **Description:** **Sample Barcode** 24-0808 **Vial Number:** 6
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 10:15:41 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\006F0601.D





Name FID1A

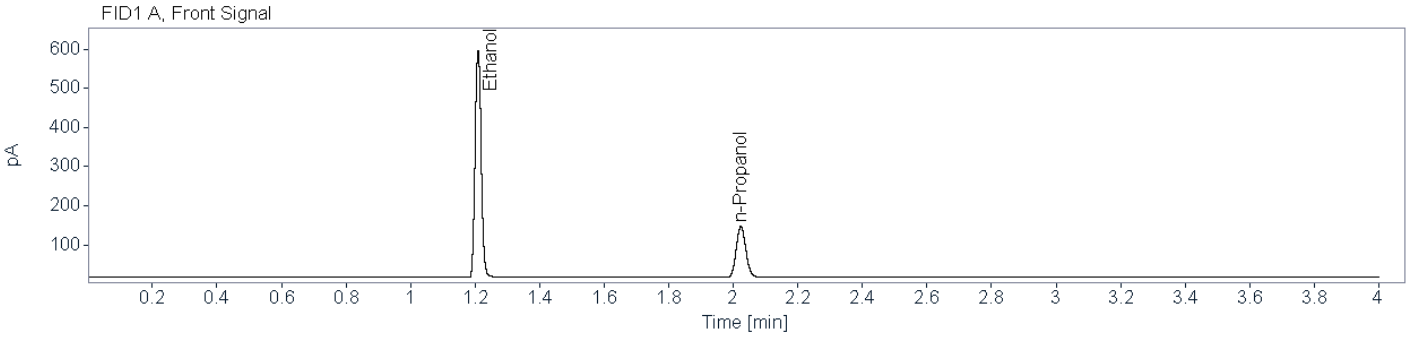
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88075	1.209	1.209	614.8541	0.4021
n-Propanol	0.88080	2.023	2.023	270.7748	0.0100

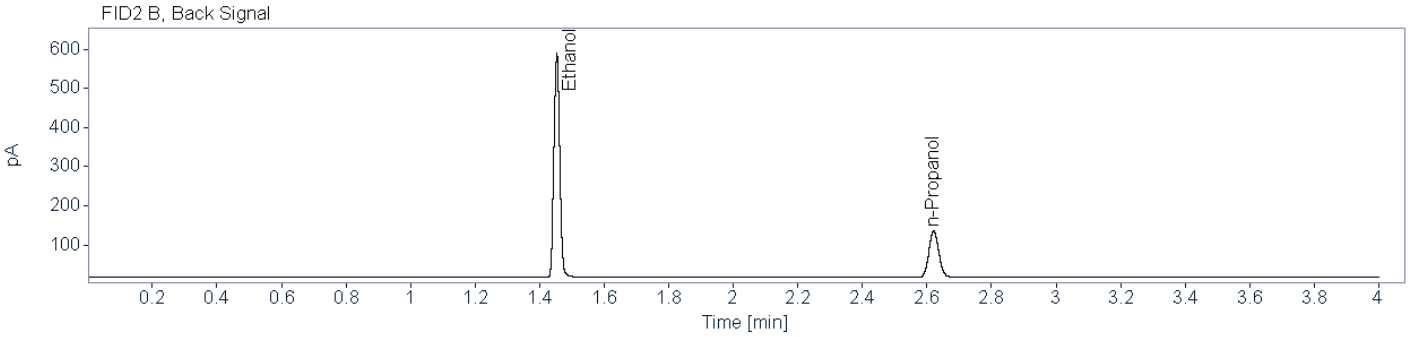
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.91519	1.453	1.453	581.5359	0.4022
n-Propanol	0.90446	2.621	2.621	252.9602	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (24-0809) **Description:** **Sample Barcode** 24-0809 **Vial Number:** 7
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 10:21:23 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\007F0701.D





Name FID1A

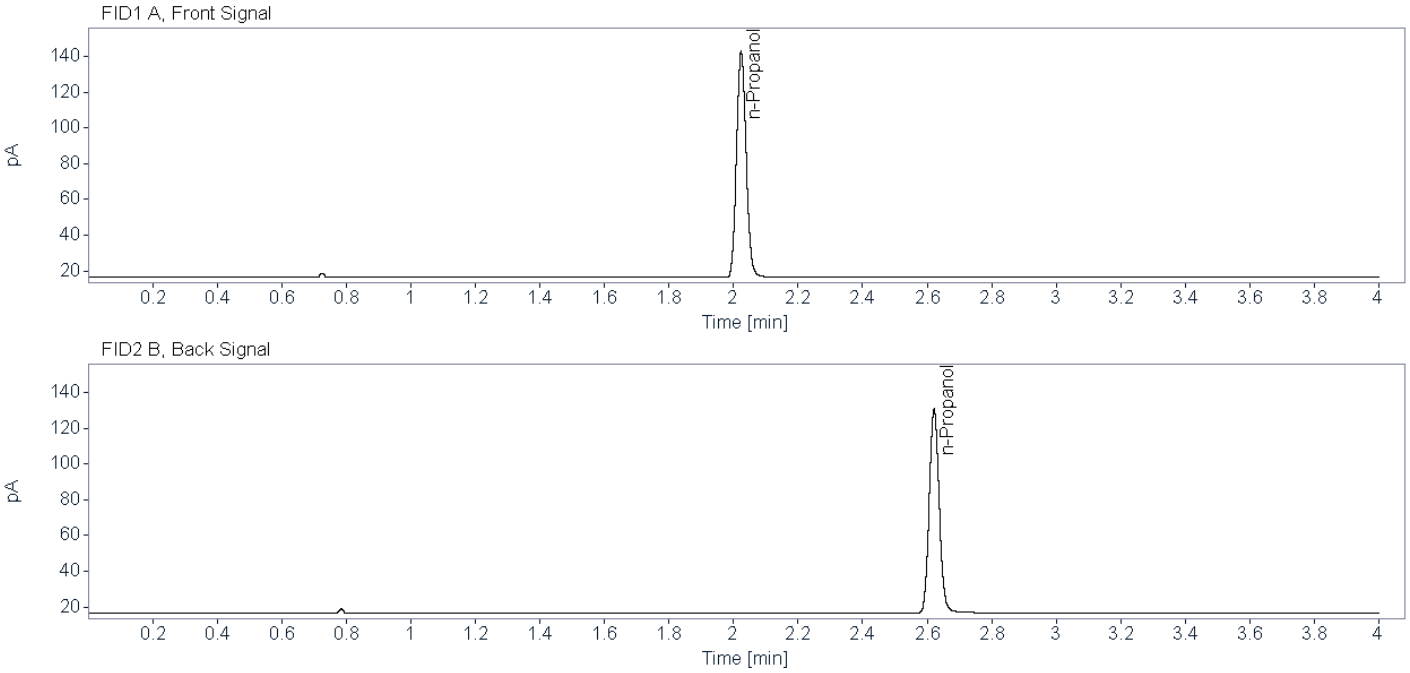
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.90438	1.209	1.209	764.6127	0.5001
n-Propanol	0.87770	2.023	2.023	270.6292	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.93411	1.454	1.454	723.6492	0.5008
n-Propanol	0.90928	2.621	2.621	252.6907	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (24-0810) **Description:** **Sample Barcode** 24-0810 **Vial Number:** 8
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 10:26:06 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\008F0801.D



Name FID1A

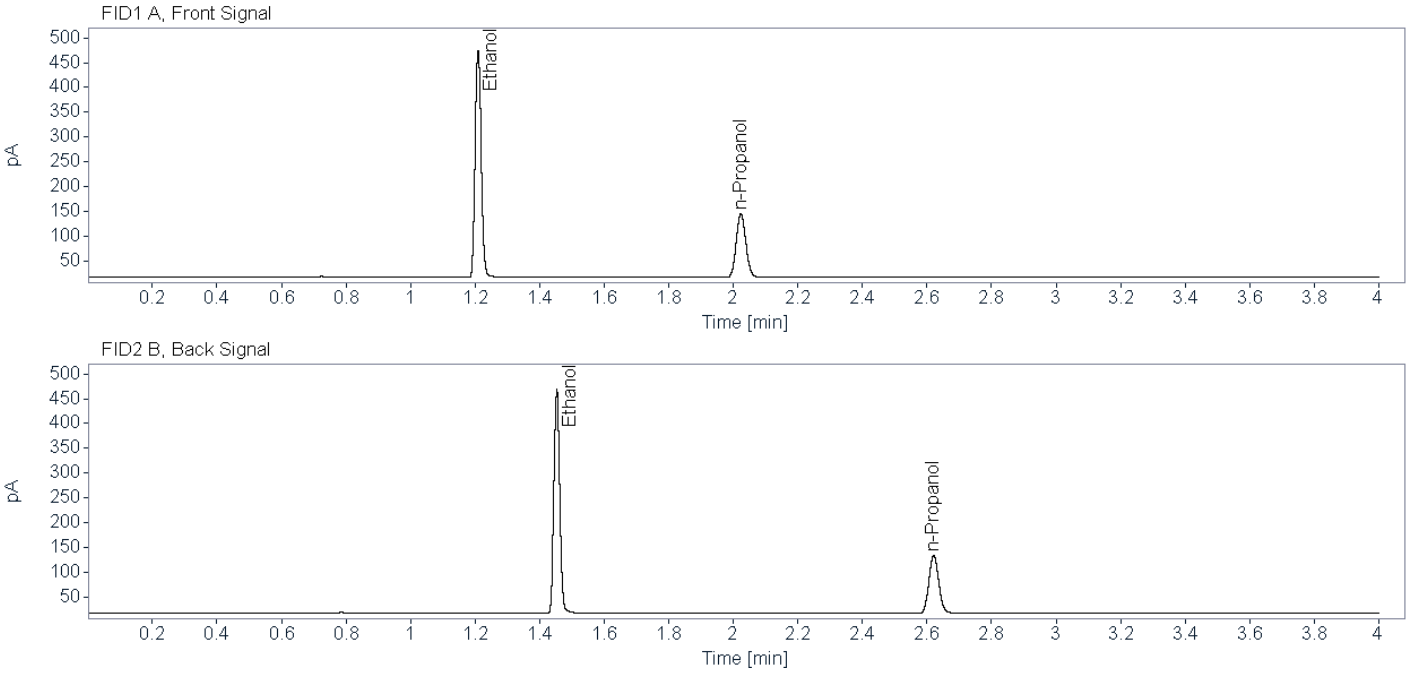
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87804	2.024	2.023	260.3464	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89645	2.621	2.621	242.6606	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-0811) **Description:** **Sample Barcode** 24-0811 **Vial Number:** 9
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 10:31:47 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\009F0901.D



Name FID1A

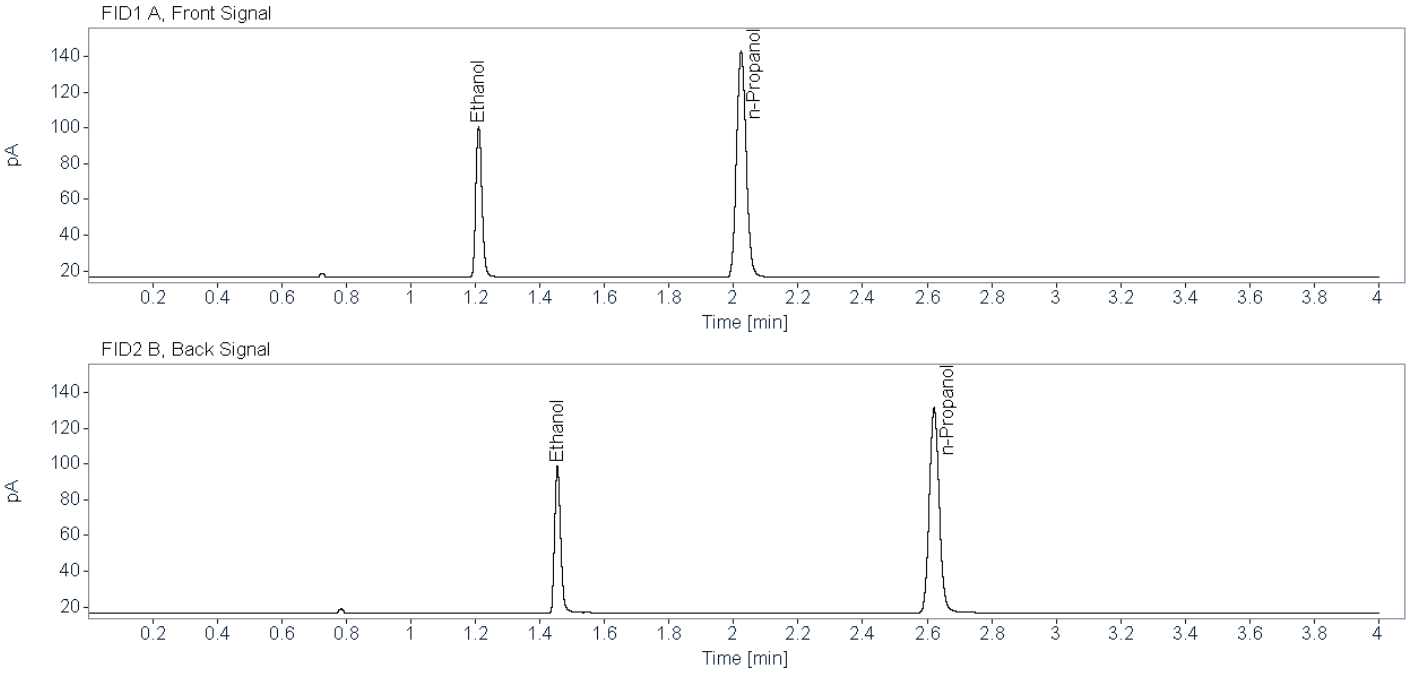
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.89105	1.209	1.209	603.4710	0.4017
n-Propanol	0.86998	2.023	2.023	266.0045	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.92535	1.453	1.454	570.5900	0.4022
n-Propanol	0.90578	2.621	2.621	248.2265	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-0812) **Description:** **Sample Barcode** 24-0812 **Vial Number:** 10
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 10:36:30 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\010F1001.D



Name FID1A

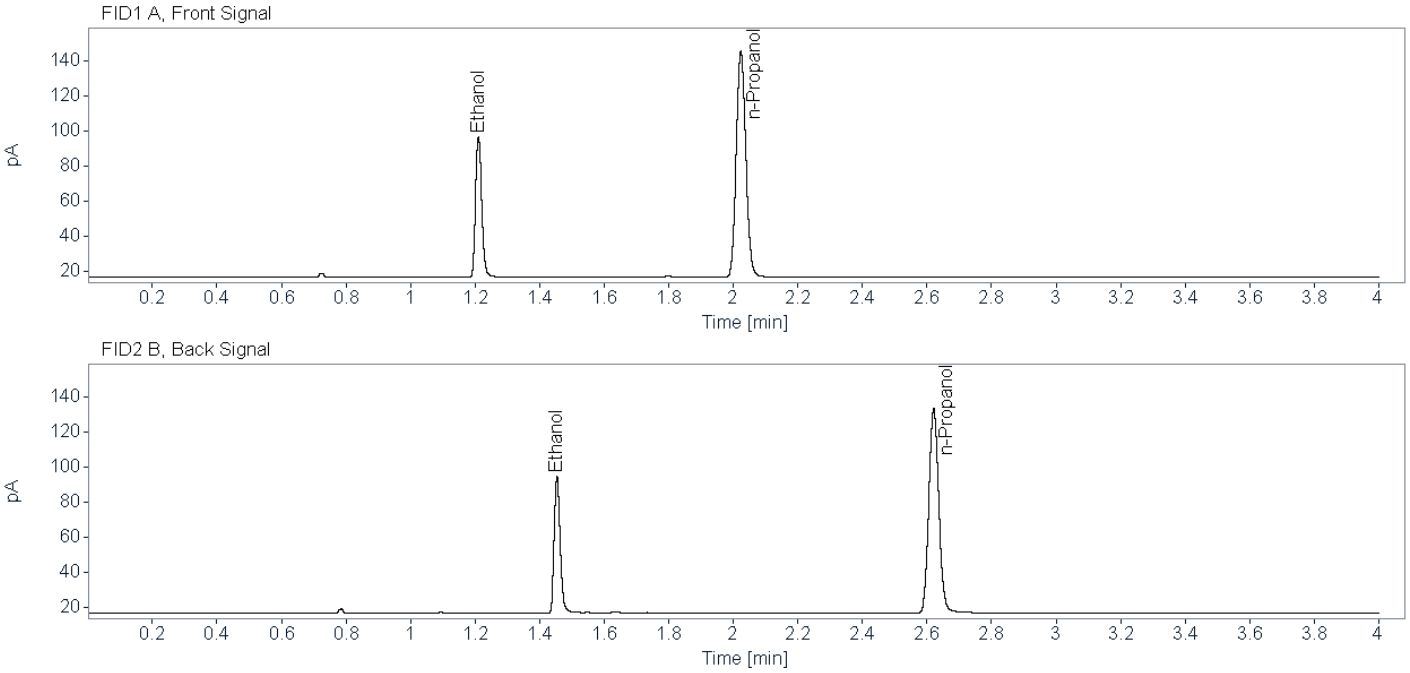
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83658	1.210	1.209	112.3377	0.0769
n-Propanol	0.87819	2.024	2.023	260.9455	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81191	1.454	1.454	105.0948	0.0764
n-Propanol	0.89942	2.622	2.621	243.1576	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-0813) **Description:** **Sample Barcode** 24-0813 **Vial Number:** 11
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 10:42:11 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\011F1101.D



Name FID1A

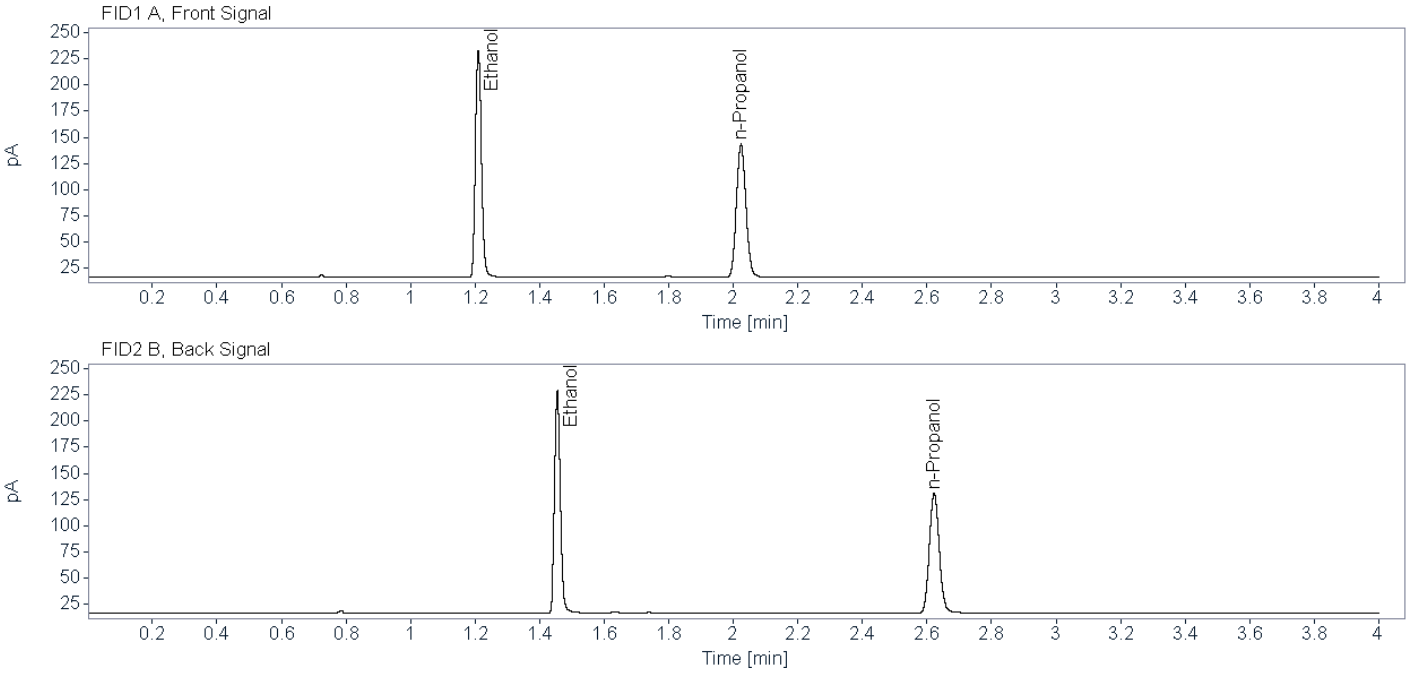
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82315	1.210	1.209	107.0416	0.0719
n-Propanol	0.87194	2.023	2.023	266.2051	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80436	1.454	1.454	100.8471	0.0719
n-Propanol	0.90718	2.621	2.621	248.2720	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-0823) **Description:** **Sample Barcode** 24-0823 **Vial Number:** 22
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 11:38:53 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\022F2201.D



Name FID1A

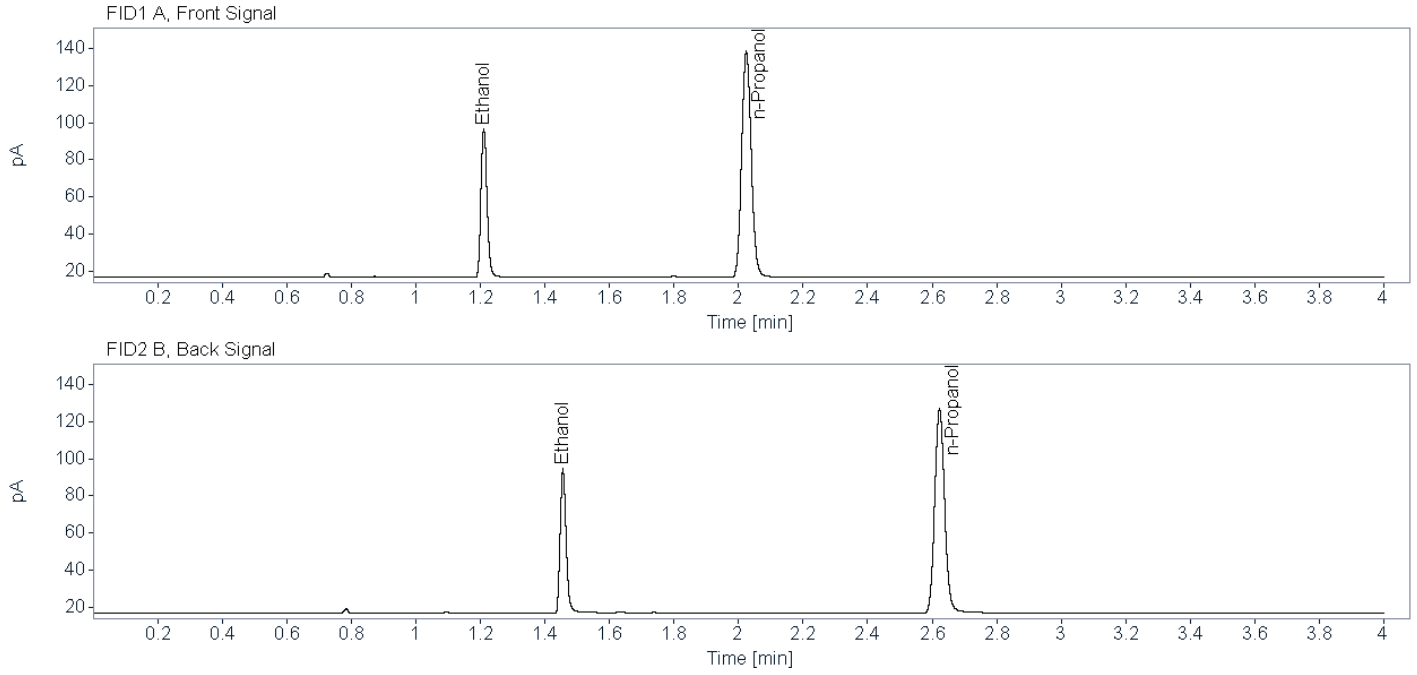
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85113	1.210	1.209	282.2080	0.1920
n-Propanol	0.87800	2.024	2.023	260.7998	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85329	1.455	1.454	266.0356	0.1926
n-Propanol	0.90358	2.622	2.621	242.3115	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-0835) **Description:** **Sample Barcode** 24-0835 **Vial Number:** 33
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 12:36:35 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\033F3301.D



Name FID1A

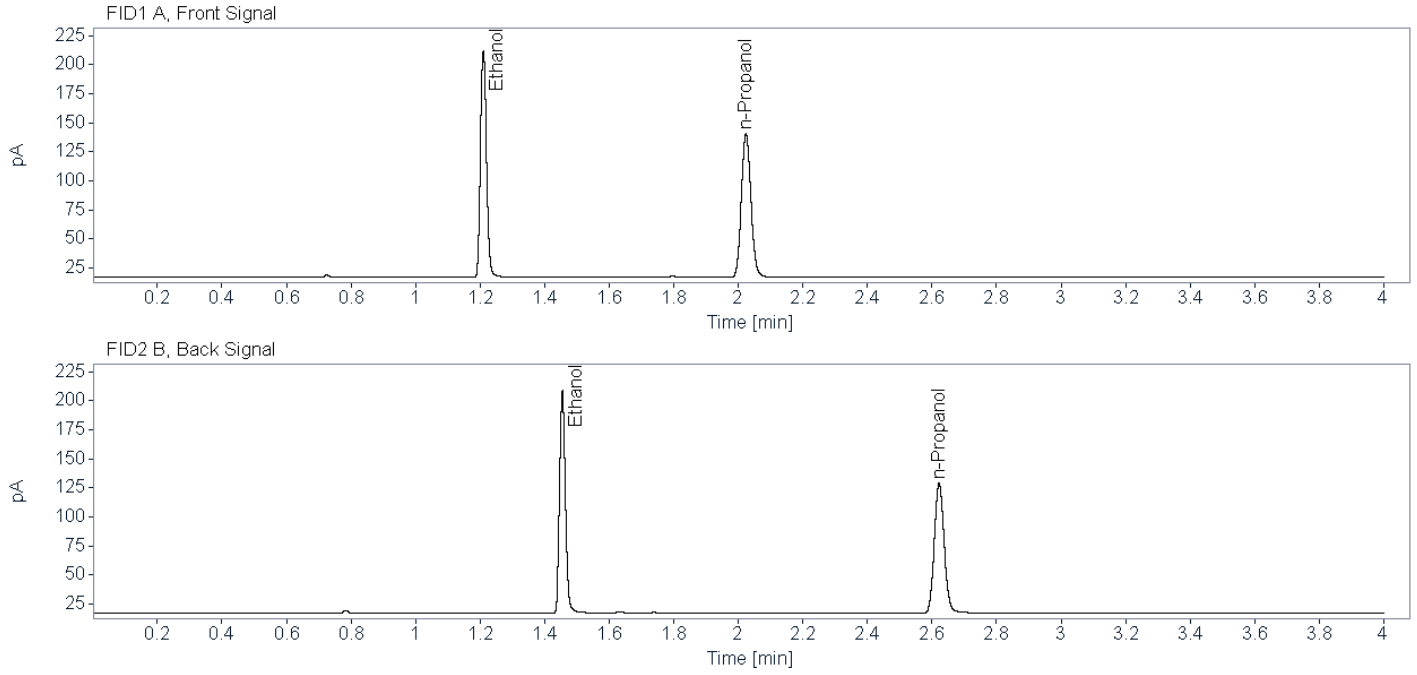
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83491	1.211	1.209	104.6343	0.0747
n-Propanol	0.88432	2.024	2.023	250.2805	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79917	1.456	1.454	98.2309	0.0746
n-Propanol	0.89572	2.623	2.621	232.9091	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-0846) **Description:** **Sample Barcode** 24-0846 **Vial Number:** 44
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 1:34:01 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\044F4401.D



Name FID1A

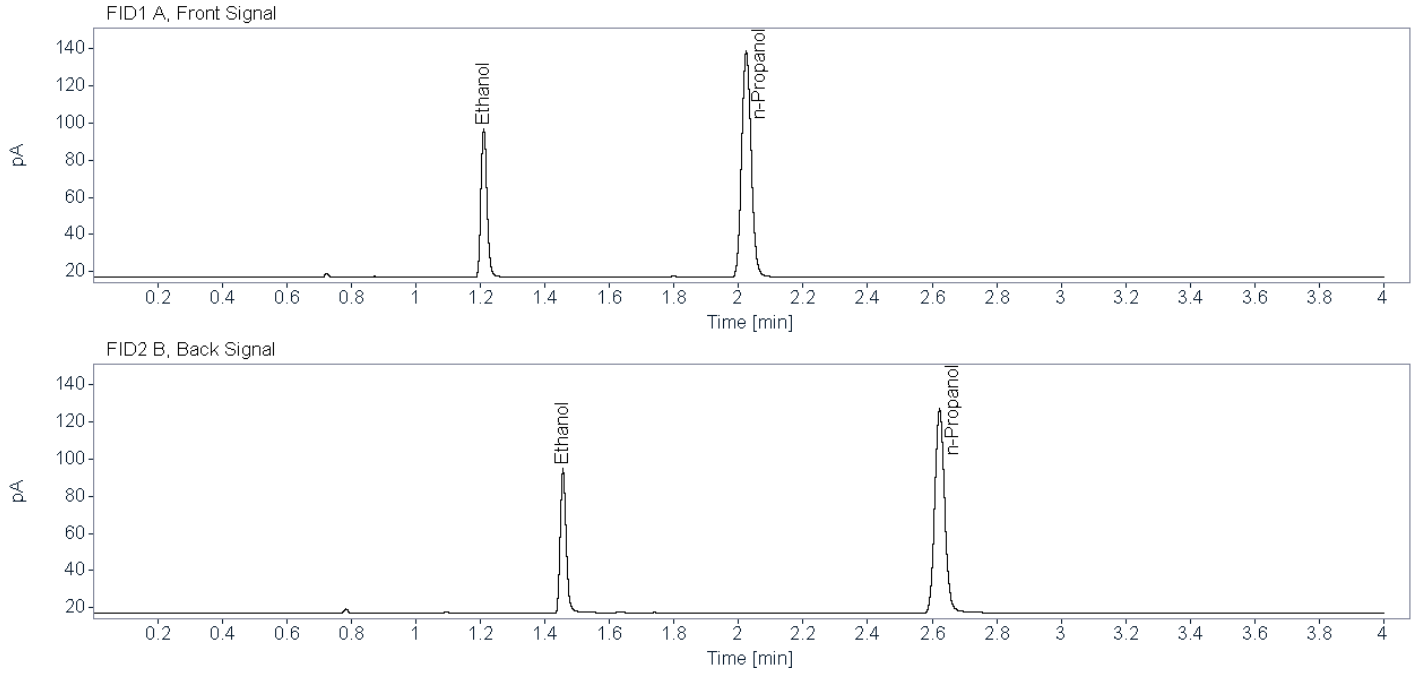
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84828	1.210	1.209	255.2788	0.1784
n-Propanol	0.87409	2.024	2.023	254.0922	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84830	1.455	1.454	240.1776	0.1783
n-Propanol	0.89489	2.622	2.621	236.4673	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-0857) **Description:** **Sample Barcode** 24-0857 **Vial Number:** 55
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 2:31:51 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\055F5501.D



Name FID1A

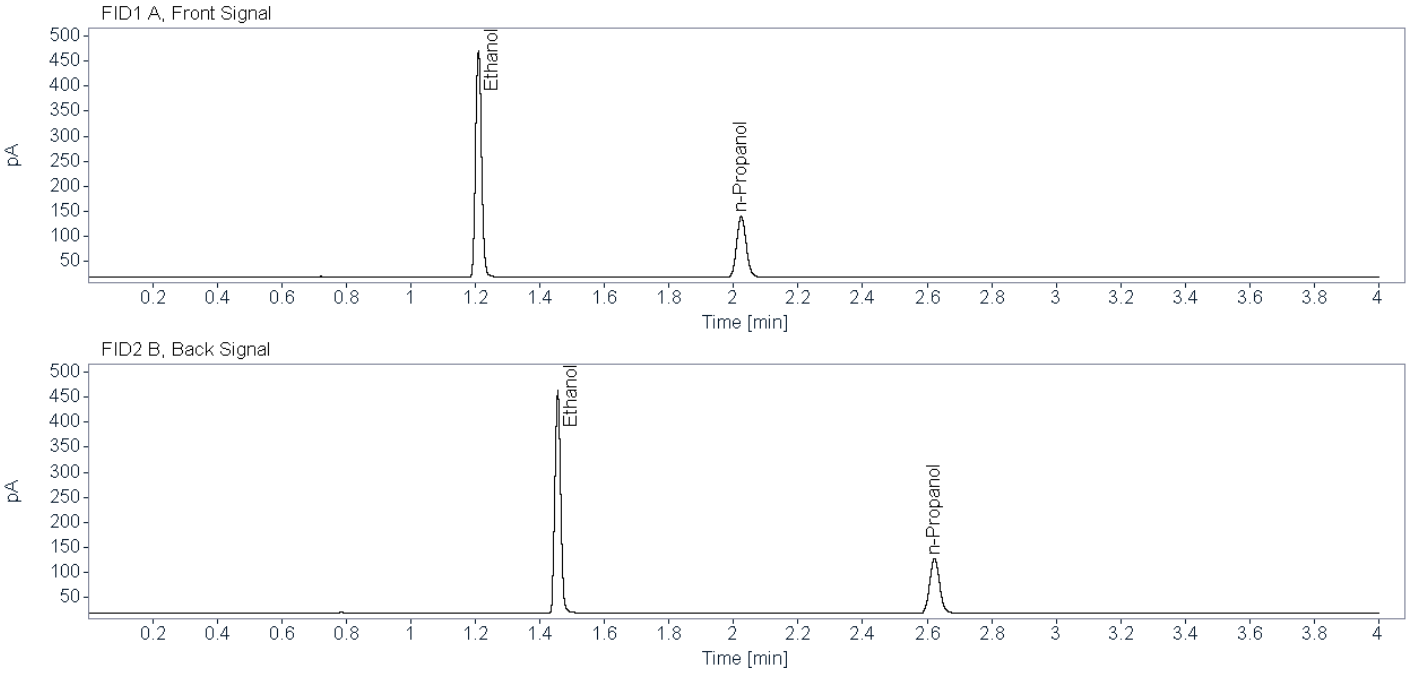
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83476	1.211	1.209	104.0130	0.0746
n-Propanol	0.88036	2.024	2.023	248.9654	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80274	1.456	1.454	97.7188	0.0747
n-Propanol	0.89563	2.623	2.621	231.5807	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-0858) **Description:** **Sample Barcode** 24-0858 **Vial Number:** 56
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 2:37:08 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\056F5601.D



Name FID1A

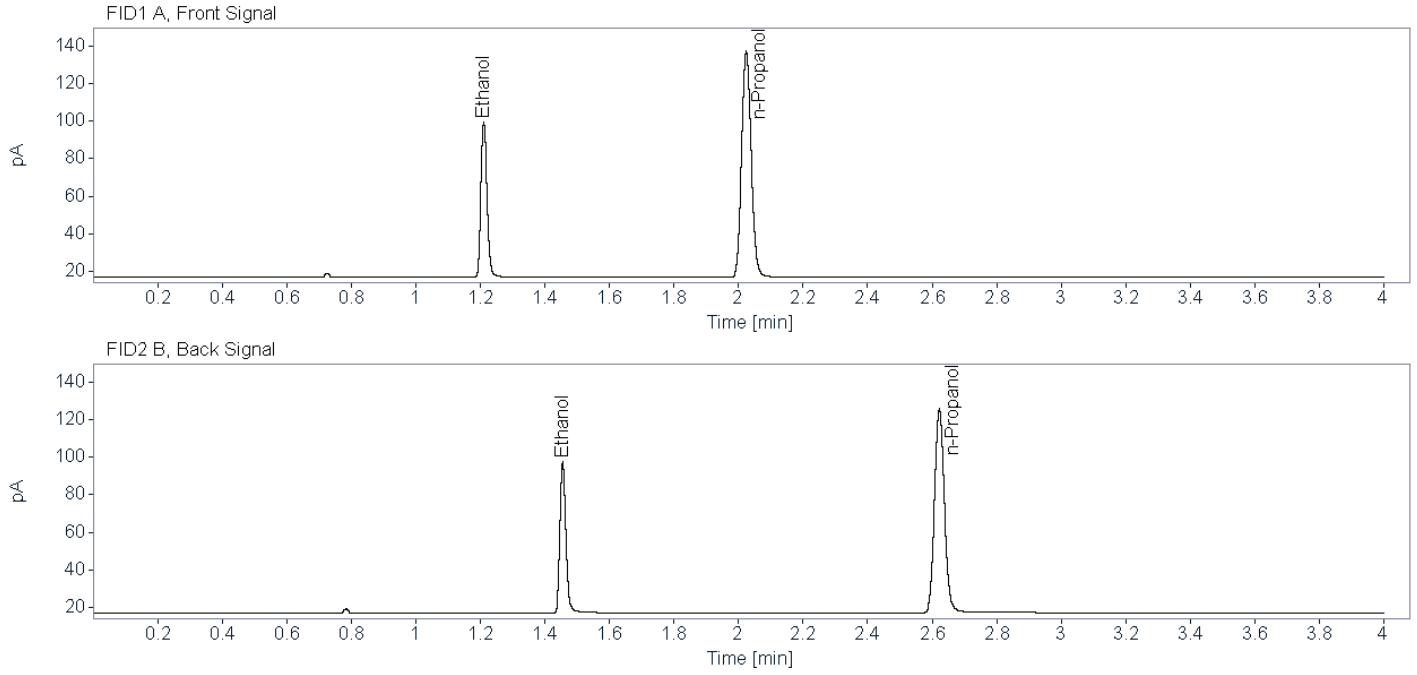
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88623	1.210	1.209	589.4230	0.4164
n-Propanol	0.88156	2.024	2.023	250.6562	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.91670	1.455	1.454	556.8421	0.4180
n-Propanol	0.89617	2.623	2.621	233.0876	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-0859) **Description:** **Sample Barcode** 24-0859 **Vial Number:** 57
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 2:42:15 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\057F5701.D



Name FID1A

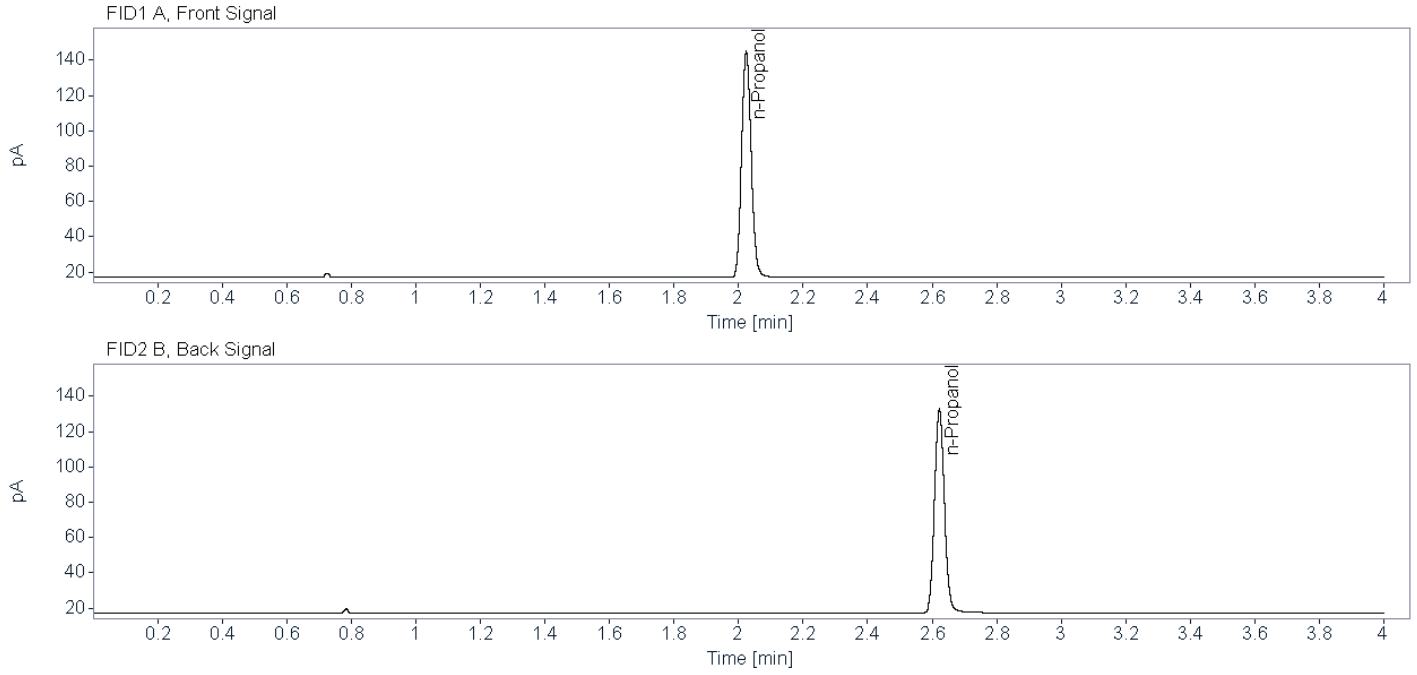
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84479	1.211	1.209	109.2795	0.0788
n-Propanol	0.87521	2.024	2.023	247.6741	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81224	1.455	1.454	102.2163	0.0787
n-Propanol	0.90181	2.622	2.621	229.7308	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (24-0860) **Description:** **Sample Barcode** 24-0860 **Vial Number:** 58
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 2:47:32 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87929	2.024	2.023	263.7305	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90465	2.622	2.621	245.0234	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-21-1676 001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1500	Aliquot 1:	0.1502
	Aliquot 2:	0.1530	Aliquot 2:	0.1529

KB 4/25/2024

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

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

Comments:

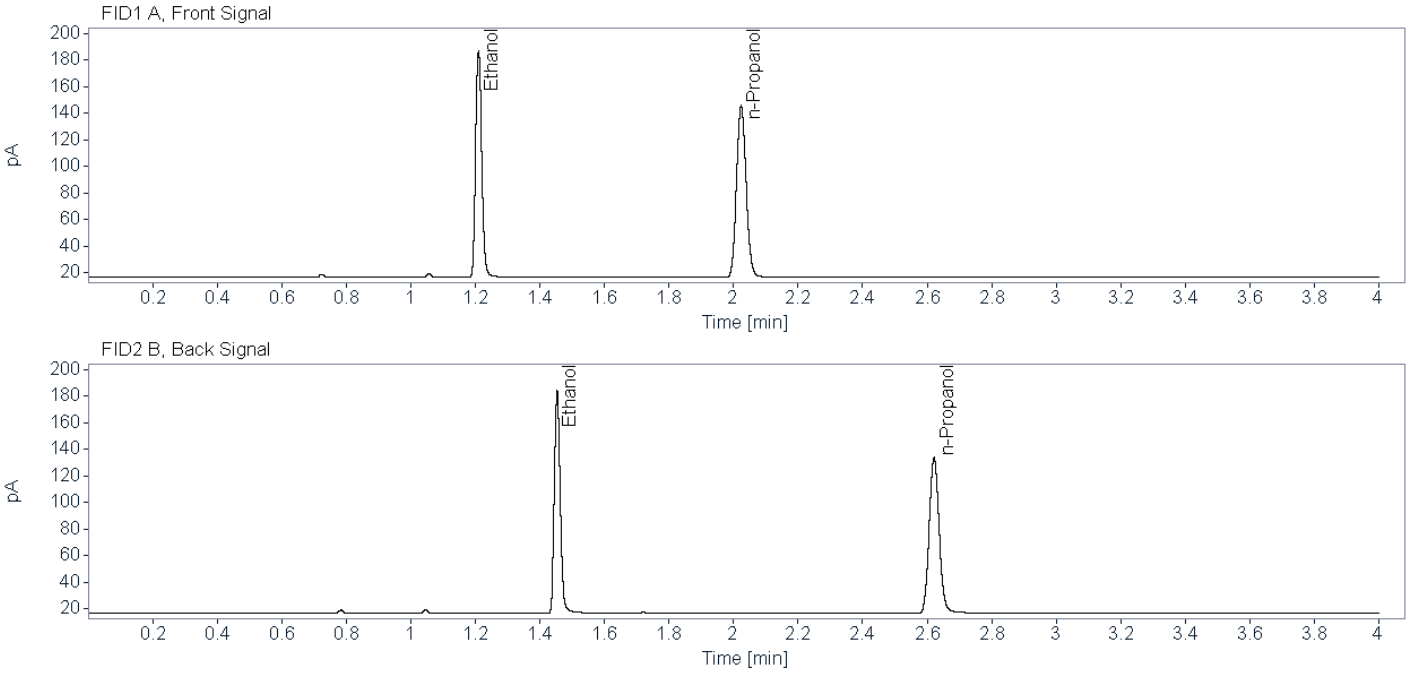
Previously analyzed in BAC_20240312_KB and BAC_20240328_KB -KB 4/25/2024

Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/25/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-21-1676 001 (24-0814) **Description:** Alq 1 **Sample Barcode** 24-0814 **Vial Number:** 12
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 10:46:54 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\012F1201.D



Name FID1A

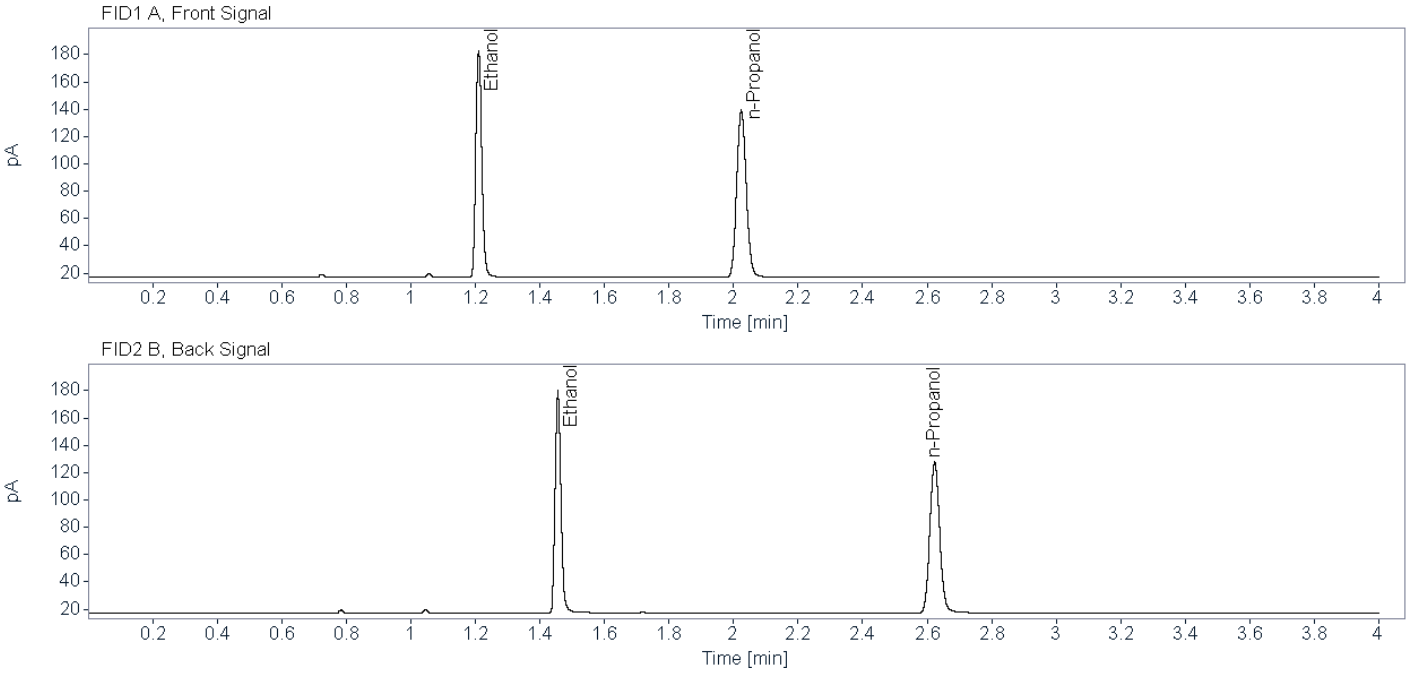
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84646	1.210	1.209	225.6407	0.1500
n-Propanol	0.88133	2.024	2.023	267.3672	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84409	1.454	1.454	213.0720	0.1502
n-Propanol	0.90109	2.621	2.621	249.3374	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-21-1676 001 (24-0856) **Description:** Alq 2 **Sample Barcode** 24-0856 **Vial Number:** 54
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 2:26:44 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85610	1.210	1.209	216.2355	0.1530
n-Propanol	0.88019	2.024	2.023	251.0675	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84764	1.456	1.454	203.0616	0.1529
n-Propanol	0.89841	2.623	2.621	233.3623	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-2013 001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1120	Aliquot 1:	0.1120
	Aliquot 2:	0.1134	Aliquot 2:	0.1132

KB 4/25/2024

Reported Result: ~~0.112~~ **g/100 mL**

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

Comments:

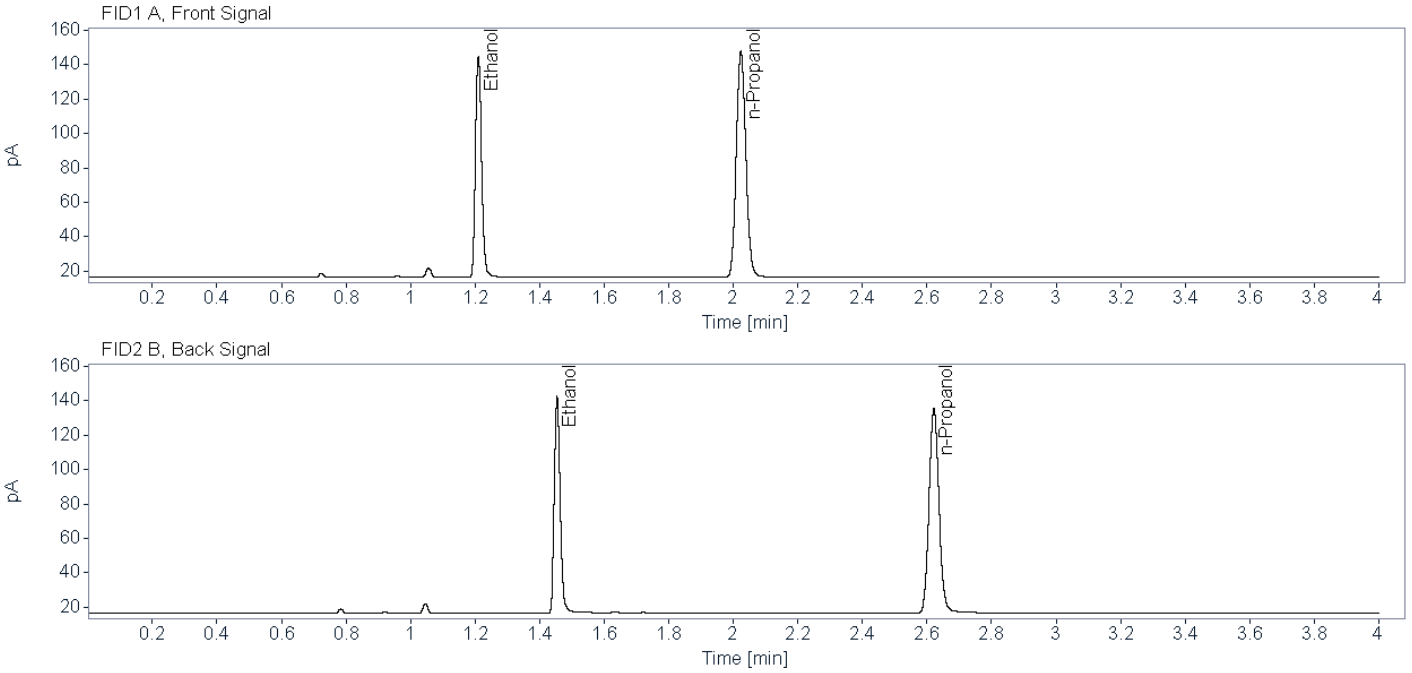
Previously analyzed in BAC_20240328_KB -KB 4/25/2024

Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/25/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2013 001 (24-0815) **Description:** Alq 1 **Sample Barcode** 24-0815 **Vial Number:** 13
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 10:52:35 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\013F1301.D



Name FID1A

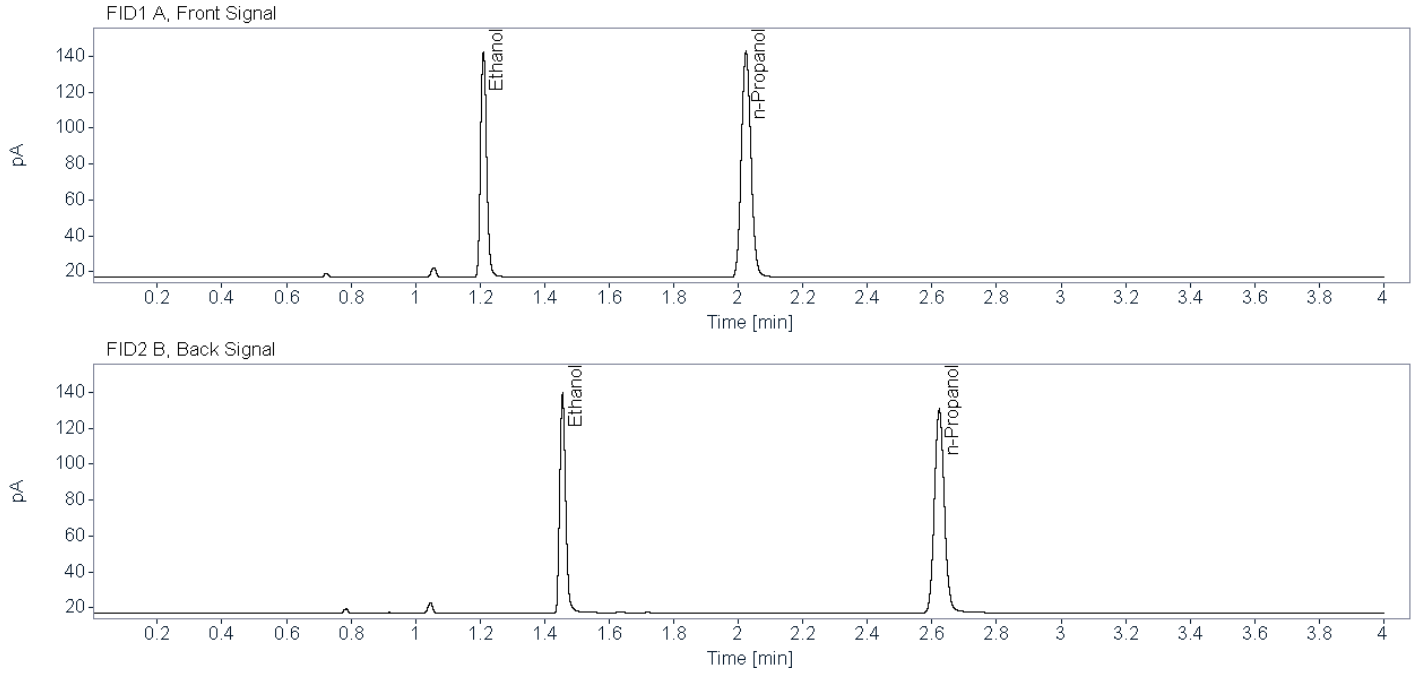
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83286	1.210	1.209	169.9238	0.1120
n-Propanol	0.87276	2.024	2.023	270.0997	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82680	1.454	1.454	160.2877	0.1120
n-Propanol	0.90777	2.622	2.621	252.0208	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2013 001 (24-0855) **Description:** Alq 2 **Sample Barcode** 24-0855 **Vial Number:** 53
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 2:20:35 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83922	1.210	1.209	164.4284	0.1134
n-Propanol	0.87470	2.024	2.023	258.0145	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82666	1.456	1.454	154.2961	0.1132
n-Propanol	0.90017	2.623	2.621	239.9309	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-2040 001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2399	Aliquot 1:	0.2397
	Aliquot 2:	0.2337	Aliquot 2:	0.2336

KB 4/25/2024

Reported Result: **0.236** **g/100 mL**

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

Comments:

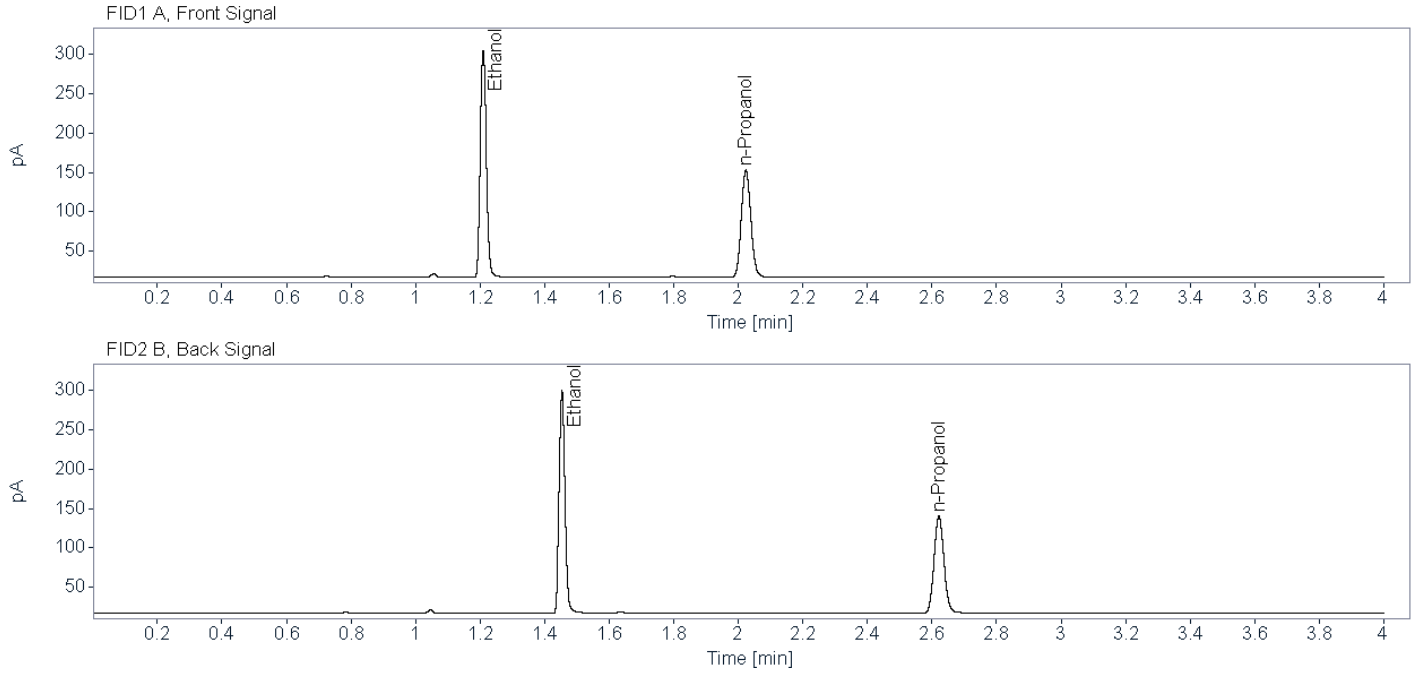
Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/25/2024

Previously analyzed in BAC_20240328_KB -KB 4/30/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2040 001 (24-0816) **Description:** Alq 1 **Sample Barcode** 24-0816 **Vial Number:** 14
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 10:57:18 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\014F1401.D



Name FID1A

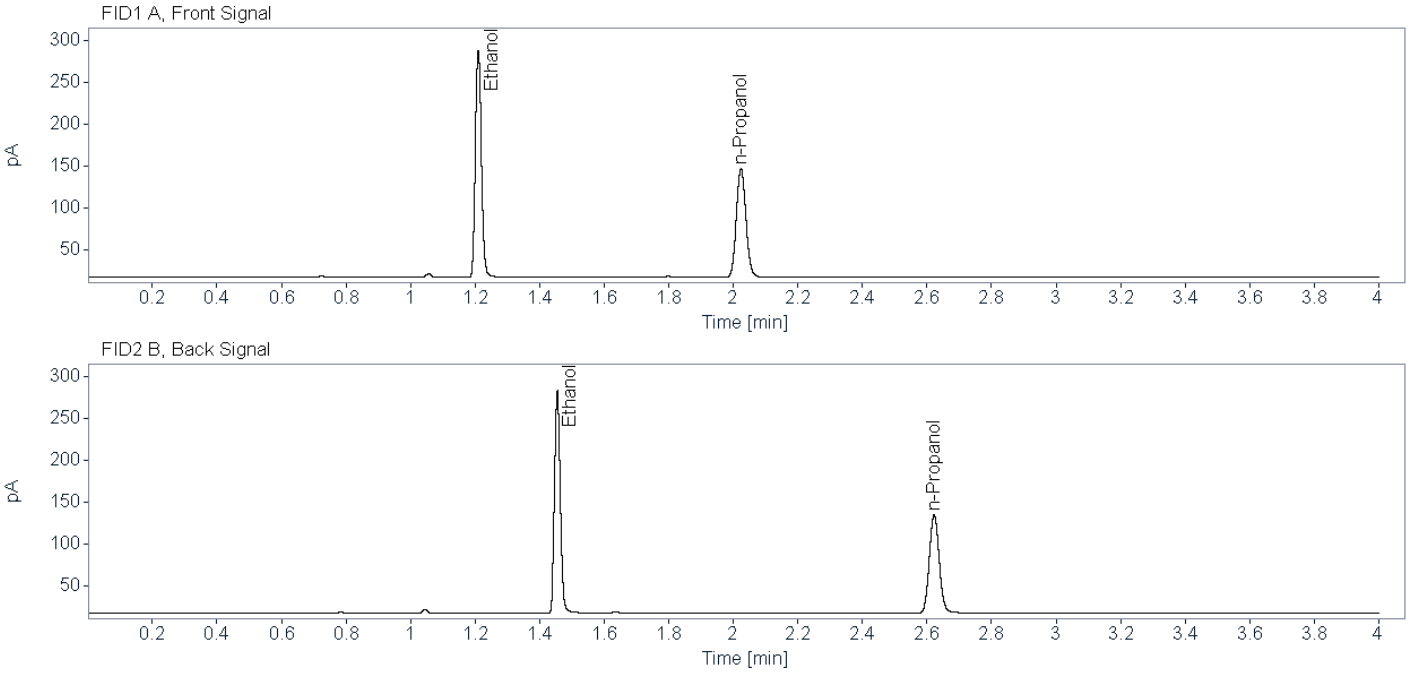
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85562	1.210	1.209	379.9997	0.2399
n-Propanol	0.87947	2.024	2.023	280.9223	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87089	1.454	1.454	358.2982	0.2397
n-Propanol	0.91411	2.622	2.621	261.9356	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2040 001 (24-0854) **Description:** Alq 2 **Sample Barcode** 24-0854 **Vial Number:** 52
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 2:15:37 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85633	1.210	1.209	354.1618	0.2337
n-Propanol	0.88073	2.024	2.023	268.7355	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86734	1.455	1.454	333.7533	0.2336
n-Propanol	0.89897	2.622	2.621	250.4069	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-2059 003

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1221	Aliquot 1:	0.1224
	Aliquot 2:	0.1176	Aliquot 2:	0.1172

KB 4/25/2024

Reported Result: ~~0.119~~ **0.117 g/100 mL**

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

Comments:

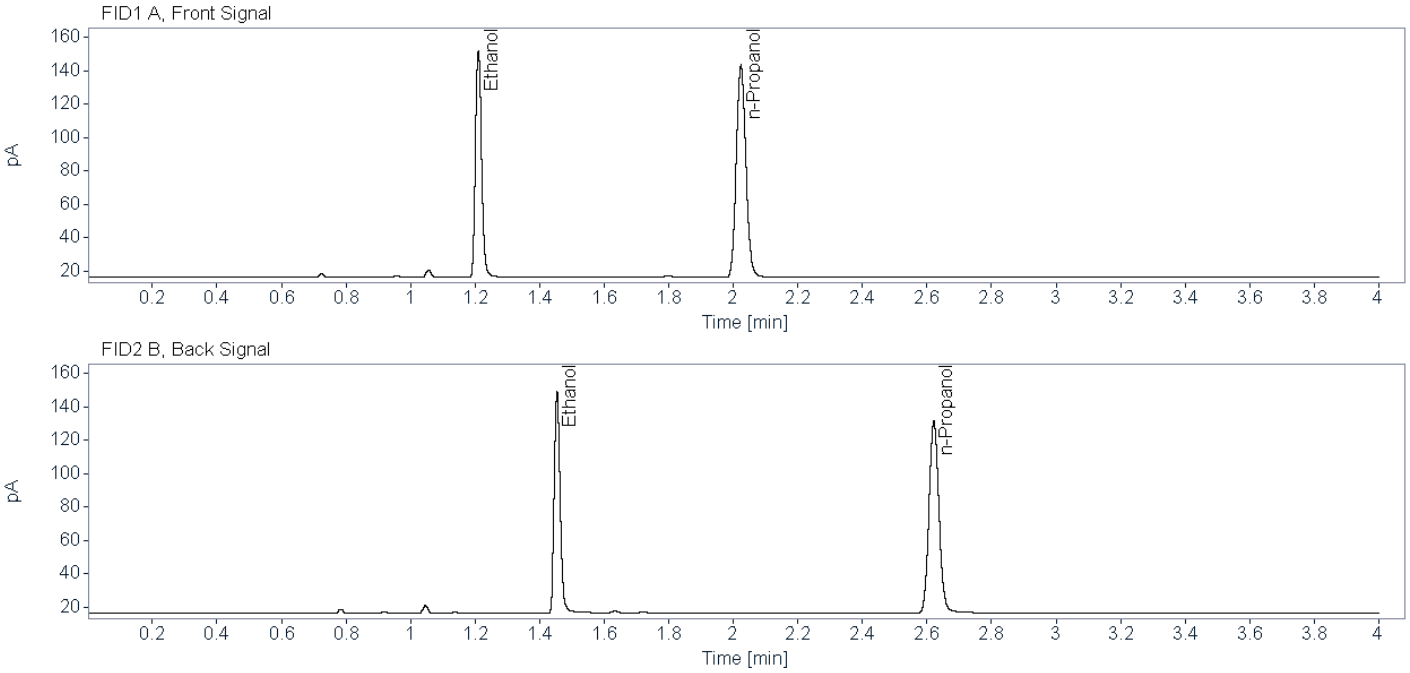
Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/25/2024

Previously analyzed in BAC_20240328_KB -KB 4/30/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2059 003 (24-0817) **Description:** Alq 1 **Sample Barcode** 24-0817 **Vial Number:** 15
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 11:02:59 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\015F1501.D



Name FID1A

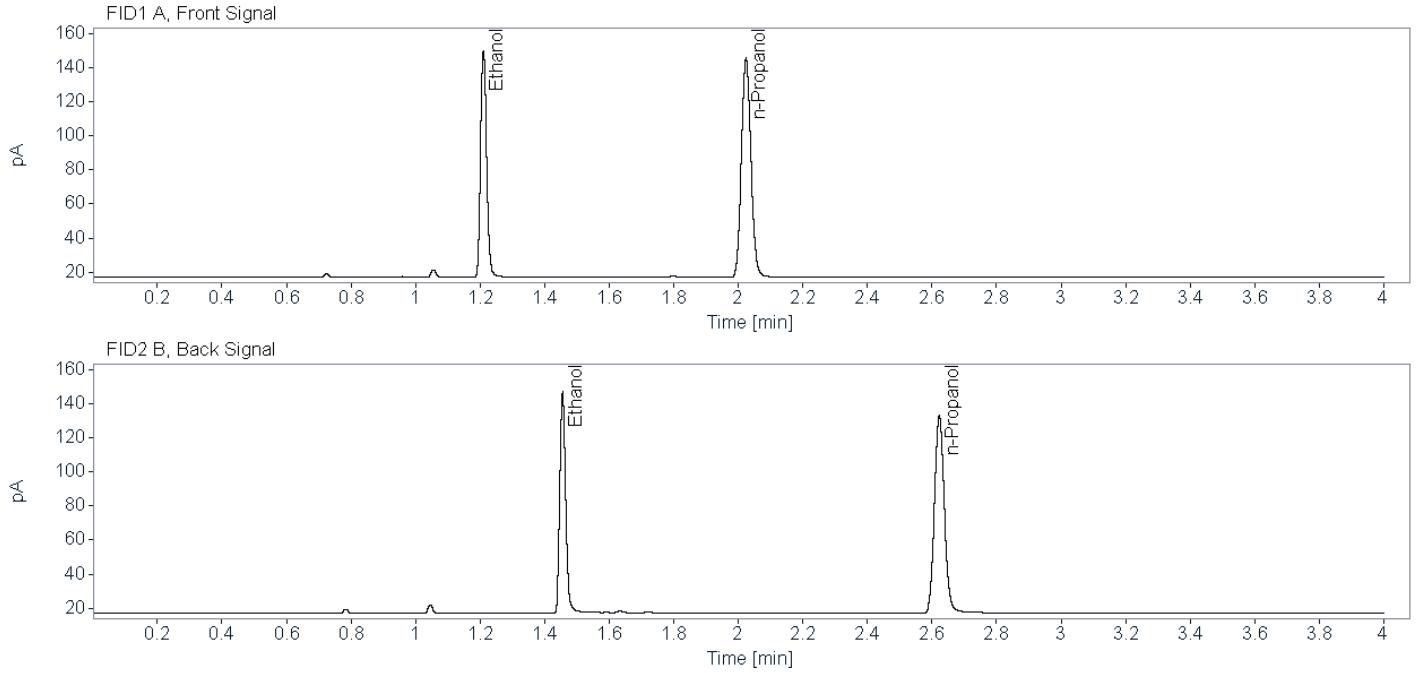
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83523	1.210	1.209	179.3487	0.1221
n-Propanol	0.87254	2.024	2.023	261.2356	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82500	1.454	1.454	169.2163	0.1224
n-Propanol	0.89590	2.621	2.621	243.3393	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2059 003 (24-0853) **Description:** Alq 2 **Sample Barcode** 24-0853 **Vial Number:** 51
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 2:10:12 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84145	1.210	1.209	174.2778	0.1176
n-Propanol	0.87720	2.024	2.023	263.7390	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83159	1.456	1.454	163.5467	0.1172
n-Propanol	0.90057	2.623	2.621	245.6250	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-2064 001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1804	Aliquot 1:	0.1805
	Aliquot 2:	0.1742	Aliquot 2:	0.1738

KB 4/25/2024

Reported Result: ~~0.177~~ **g/100 mL**

Reported UM: **0.025** **g/100 mL**

Comments:

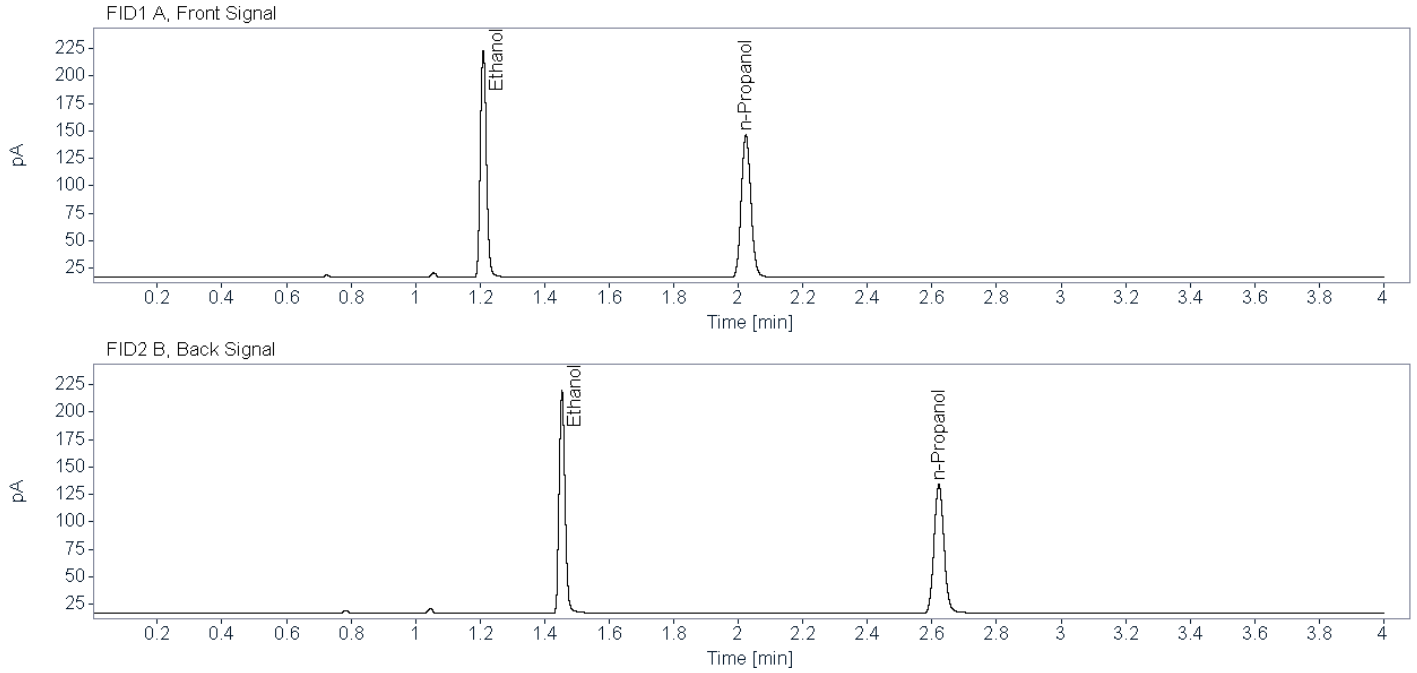
Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/25/2024

Previously analyzed in BAC_20240328_KB -KB 4/30/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2064 001 (24-0818) **Description:** Alq 1 **Sample Barcode** 24-0818 **Vial Number:** 16
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 11:07:41 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\016F1601.D



Name FID1A

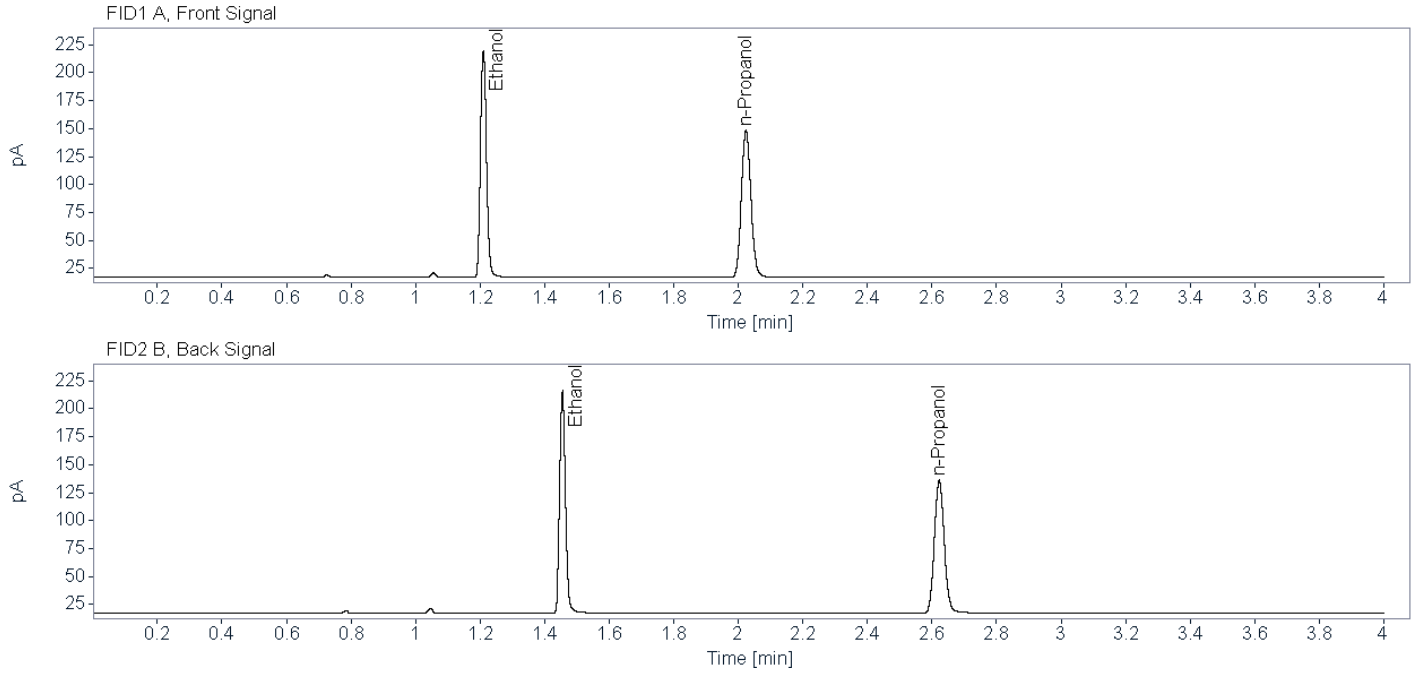
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84521	1.210	1.209	272.3211	0.1804
n-Propanol	0.87147	2.023	2.023	267.9583	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84700	1.454	1.454	256.7245	0.1805
n-Propanol	0.90335	2.622	2.621	249.6552	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2064 001 (24-0852) **Description:** Alq 2 **Sample Barcode** 24-0852 **Vial Number:** 50
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 2:05:12 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84824	1.210	1.209	264.9418	0.1742
n-Propanol	0.87698	2.024	2.023	270.0136	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85023	1.455	1.454	249.0637	0.1738
n-Propanol	0.90378	2.622	2.621	251.5730	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-2078 001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1796	Aliquot 1:	0.1801
	Aliquot 2:	0.1871	Aliquot 2:	0.1869

KB 4/25/2024

Reported Result: **0.183** **g/100 mL**

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

Comments:

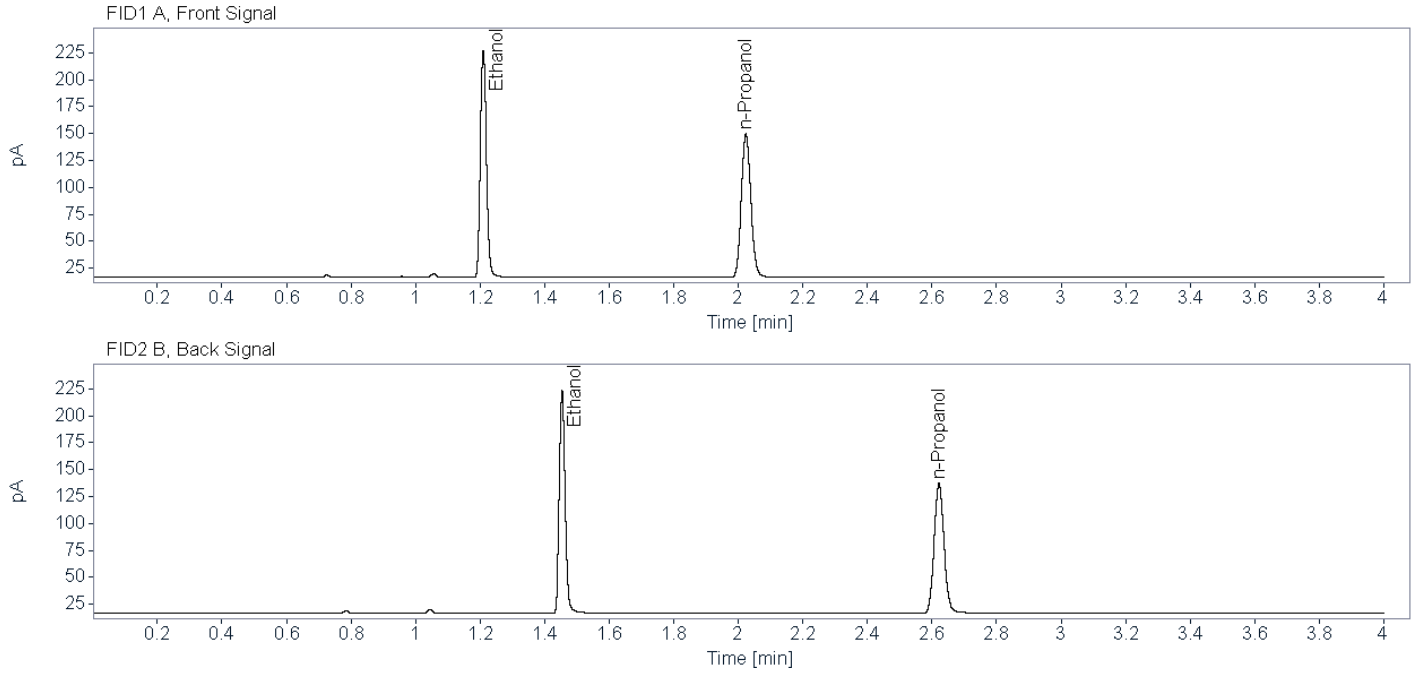
Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/25/2024

Previously analyzed in BAC_20240328_KB -KB 4/30/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2078 001 (24-0819) **Description:** Alq 1 **Sample Barcode** 24-0819 **Vial Number:** 17
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 11:13:22 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\017F1701.D



Name FID1A

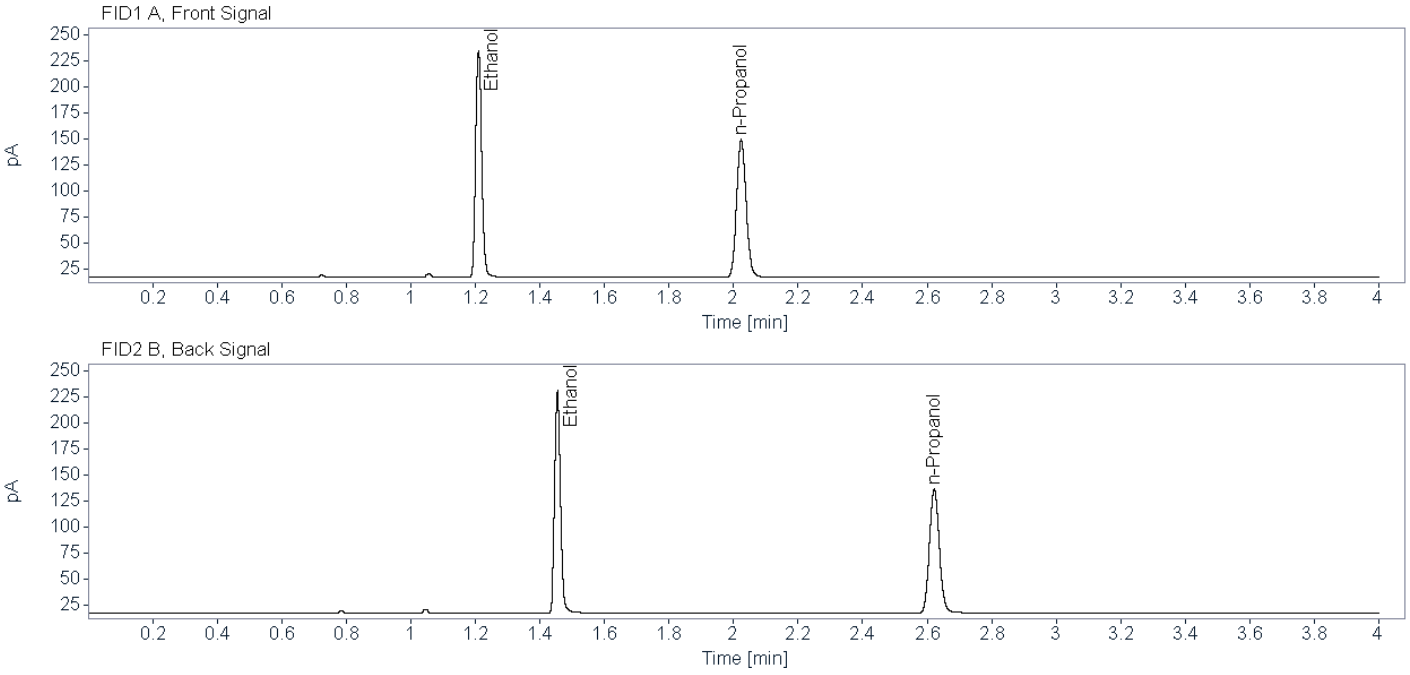
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84660	1.210	1.209	276.6508	0.1796
n-Propanol	0.87134	2.024	2.023	273.3771	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85394	1.454	1.454	261.3954	0.1801
n-Propanol	0.89941	2.622	2.621	254.7825	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2078 001 (24-0851) **Description:** Alq 2 **Sample Barcode** 24-0851 **Vial Number:** 49
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 1:59:47 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85946	1.210	1.209	286.7685	0.1871
n-Propanol	0.88195	2.024	2.023	272.0702	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85339	1.454	1.454	269.7208	0.1869
n-Propanol	0.90514	2.622	2.621	253.3004	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-2104 001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1904	Aliquot 1:	0.1903
	Aliquot 2:	0.1914	Aliquot 2:	0.1914

KB 4/25/2024

Reported Result: ~~0.190~~ **g/100 mL**

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

Comments:

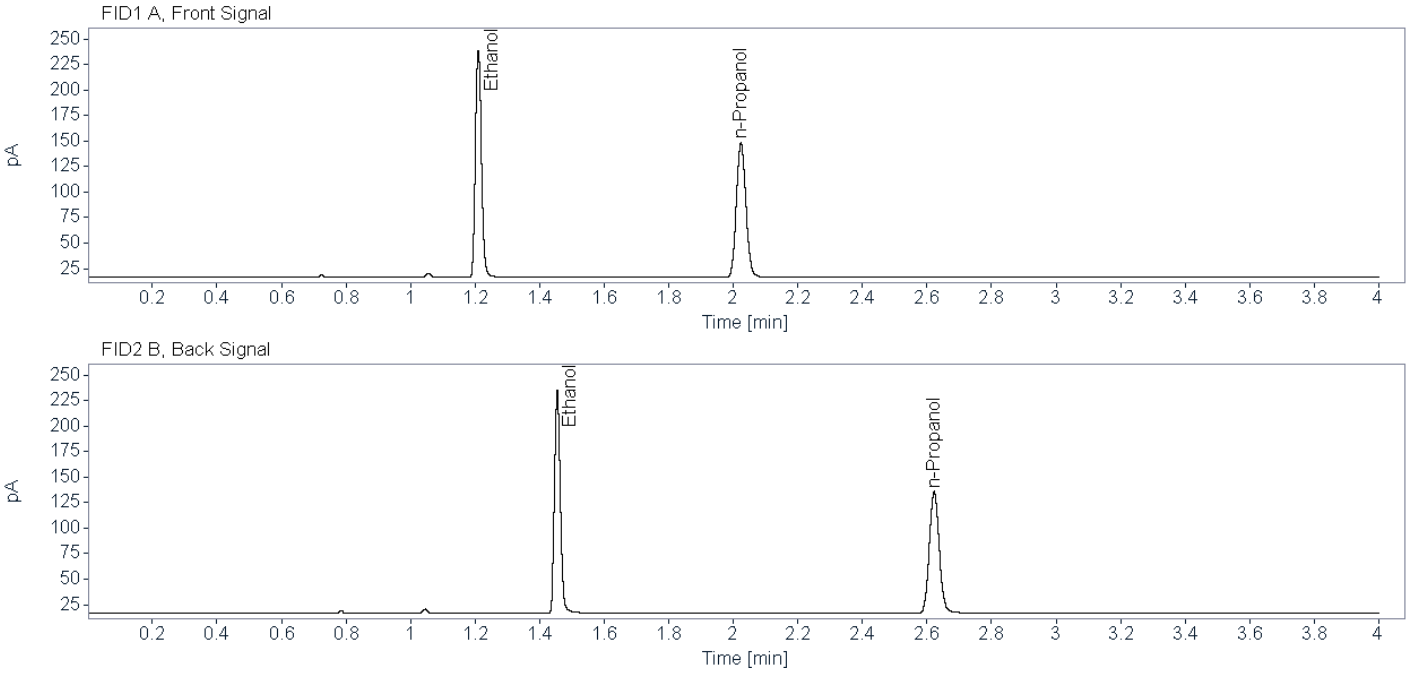
Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/25/2024

Previously analyzed in BAC_20240328_KB -KB 4/30/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2104 001 (24-0820) **Description:** Alq 1 **Sample Barcode** 24-0820 **Vial Number:** 18
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 11:18:06 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\018F1801.D



Name FID1A

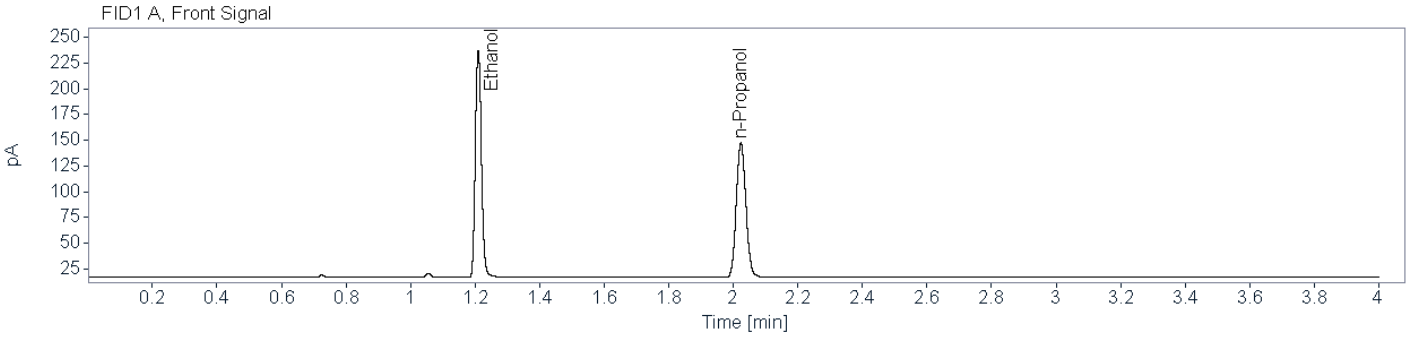
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85128	1.210	1.209	290.4342	0.1904
n-Propanol	0.86756	2.024	2.023	270.6537	0.0100

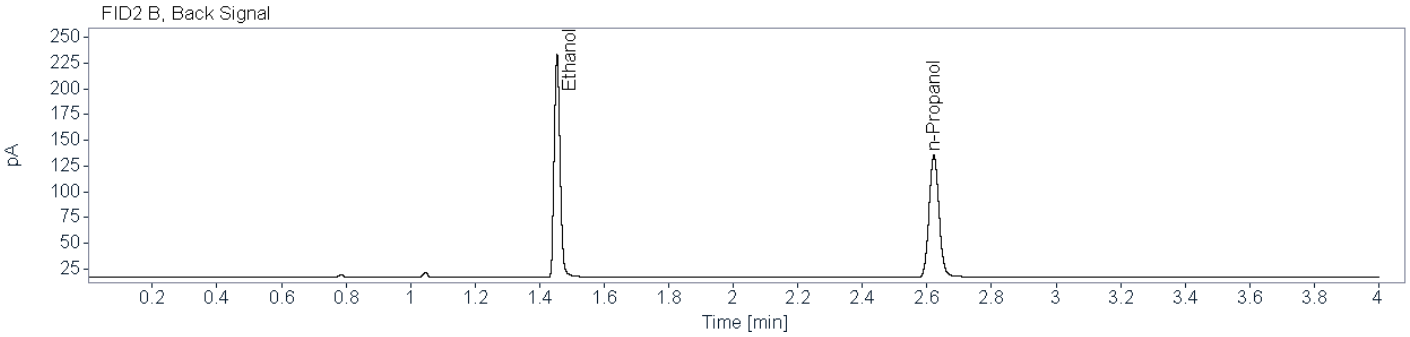
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85542	1.455	1.454	273.4653	0.1903
n-Propanol	0.90393	2.622	2.621	252.1524	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2104 001 (24-0850) **Description:** Alq 2 **Sample Barcode** 24-0850 **Vial Number:** 48
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 1:54:48 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\048F4801.D





Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84758	1.210	1.209	290.3405	0.1914
n-Propanol	0.87578	2.024	2.023	269.2441	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85306	1.454	1.454	273.8413	0.1914
n-Propanol	0.89420	2.622	2.621	250.9720	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-2115 001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2472	Aliquot 1:	0.2478
	Aliquot 2:	0.2518	Aliquot 2:	0.2518

KB 4/25/2024

Reported Result: ~~0.249~~ **0.248** **g/100 mL**

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

Comments:

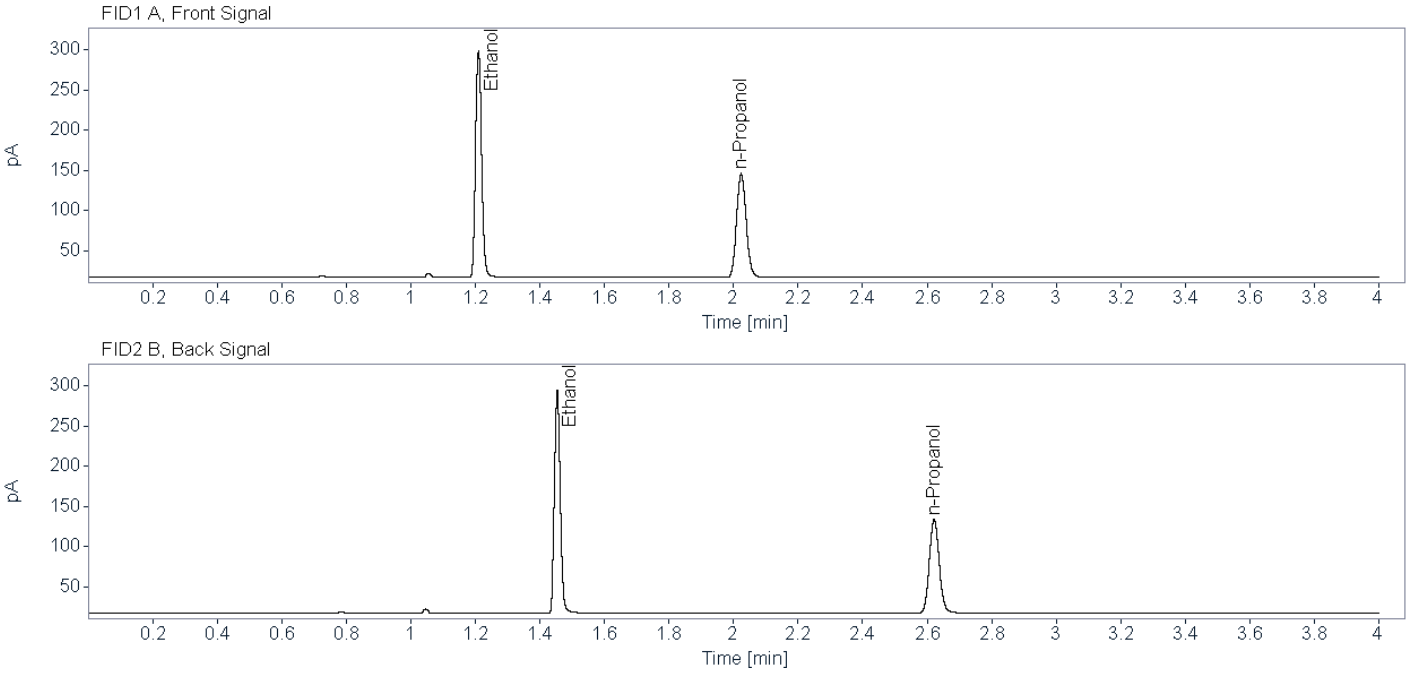
Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/25/2024

Previously analyzed in BAC_20240328_KB -KB 4/30/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2115 001 (24-0821) **Description:** Alq 1 **Sample Barcode** 24-0821 **Vial Number:** 19
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 11:23:46 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\019F1901.D



Name FID1A

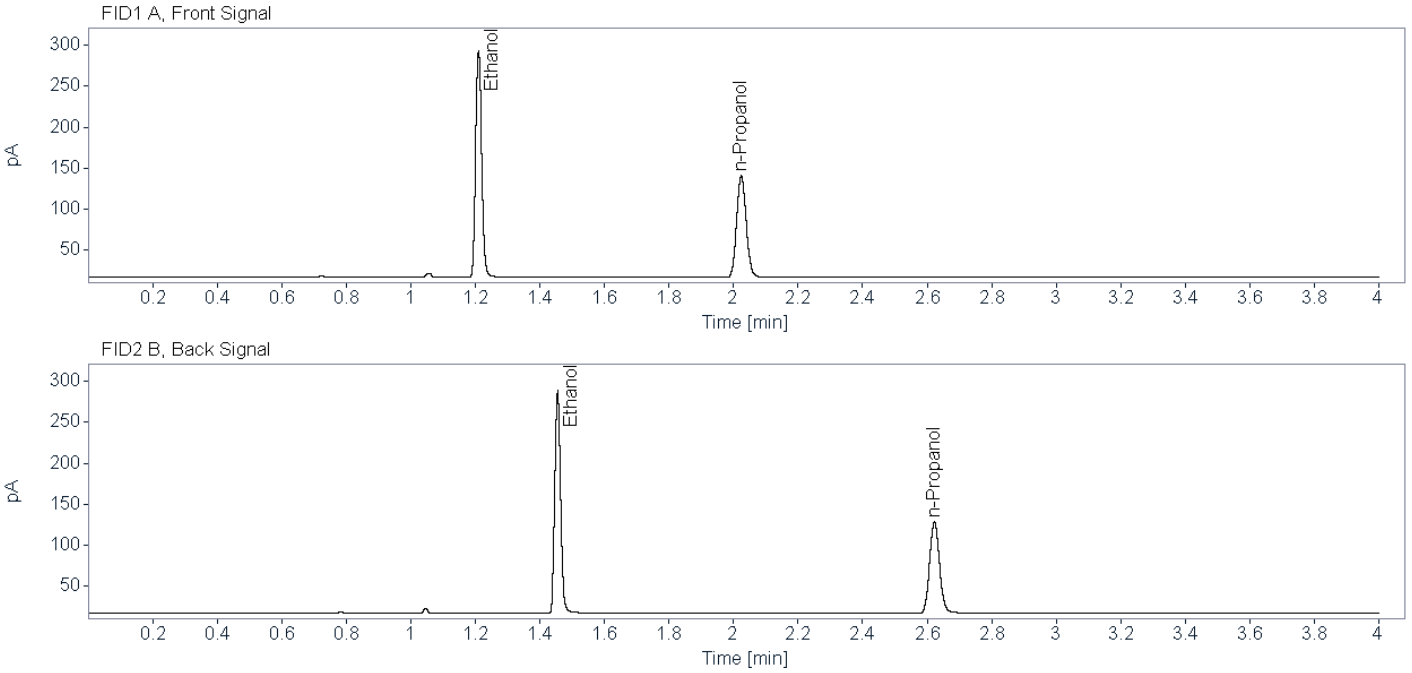
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86655	1.210	1.209	372.2437	0.2472
n-Propanol	0.87832	2.024	2.023	267.0251	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88245	1.454	1.454	351.8005	0.2478
n-Propanol	0.89936	2.622	2.621	248.8092	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2115 001 (24-0849) **Description:** Alq 2 **Sample Barcode** 24-0849 **Vial Number:** 47
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 1:49:23 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86909	1.210	1.209	361.1191	0.2518
n-Propanol	0.87900	2.024	2.023	254.2320	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87269	1.455	1.454	340.1199	0.2518
n-Propanol	0.89965	2.622	2.621	236.7088	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0388 004

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0697	Aliquot 1:	0.0699
	Aliquot 2:	0.0741	Aliquot 2:	0.0738

KB 4/25/2024

Reported Result: ~~0.071~~ **g/100 mL**

Reported UM: **0.010** **g/100 mL**

Comments:

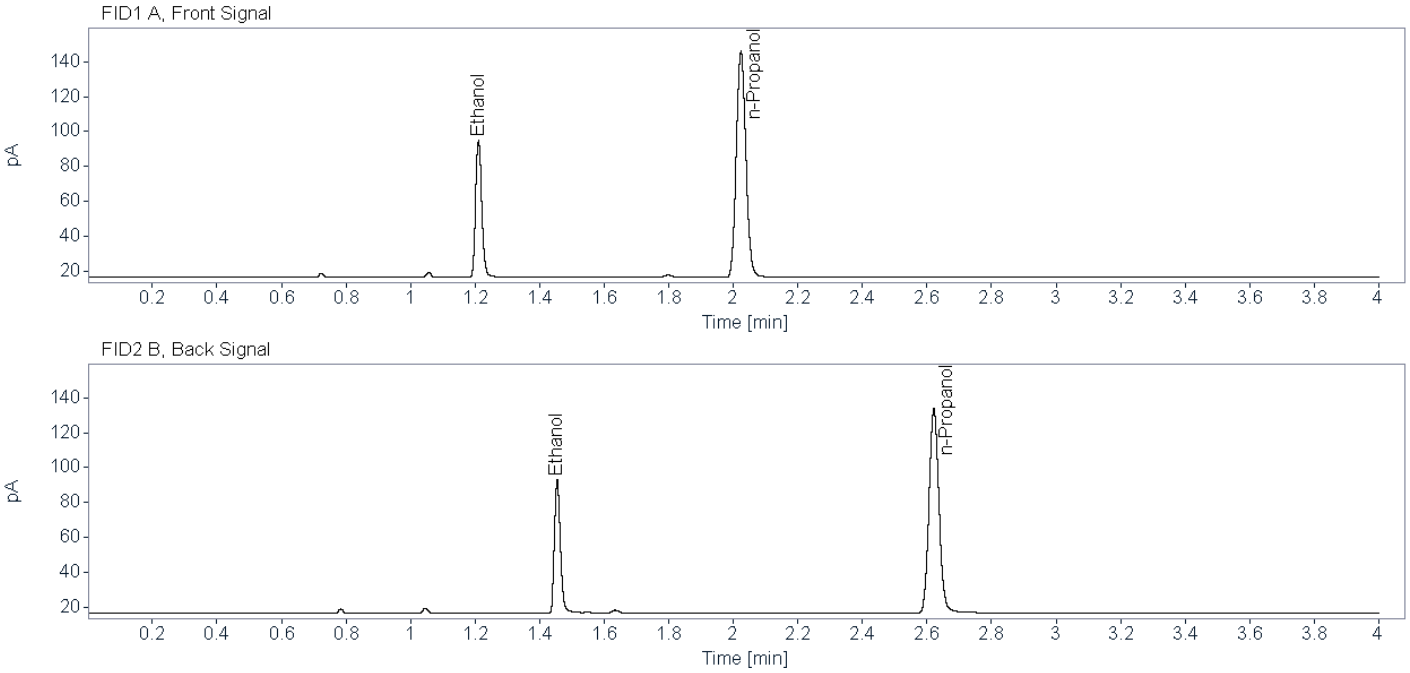
Previously analyzed in BAC_20240312_KB and BAC_20240328_KB -KB 4/25/2024

Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/25/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0388 004 (24-0822) **Description:** Alq 1 **Sample Barcode** 24-0822 **Vial Number:** 20
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 11:28:30 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\020F2001.D



Name FID1A

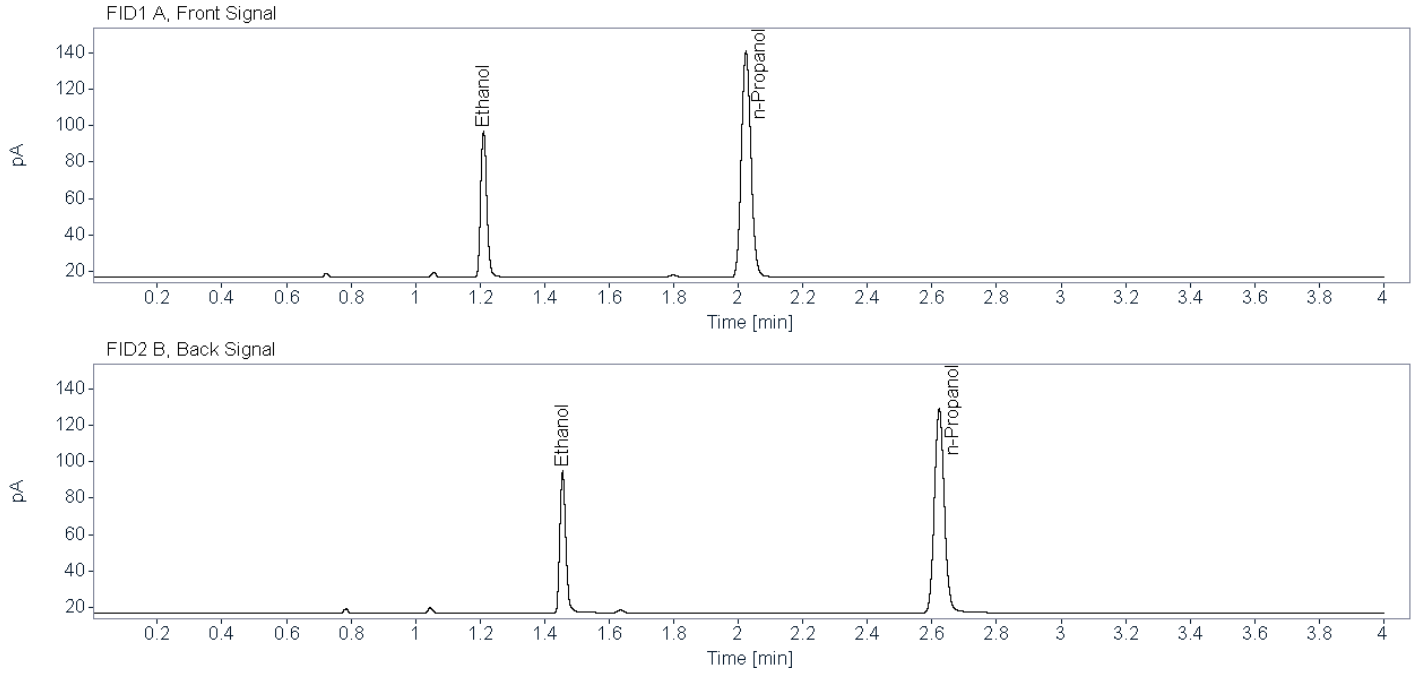
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82530	1.211	1.209	104.0443	0.0697
n-Propanol	0.88007	2.024	2.023	266.9222	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81026	1.455	1.454	98.0355	0.0699
n-Propanol	0.90488	2.622	2.621	248.4416	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0388 004 (24-0848) **Description:** Alq 2 **Sample Barcode** 24-0848 **Vial Number:** 46
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 1:44:25 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83454	1.211	1.209	105.6640	0.0741
n-Propanol	0.87012	2.024	2.023	254.8038	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81187	1.456	1.454	98.7340	0.0738
n-Propanol	0.89765	2.623	2.621	236.7164	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0433 001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1470	Aliquot 1:	0.1469
	Aliquot 2:	0.1511	Aliquot 2:	0.1509

KB 4/25/2024

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

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

Comments:

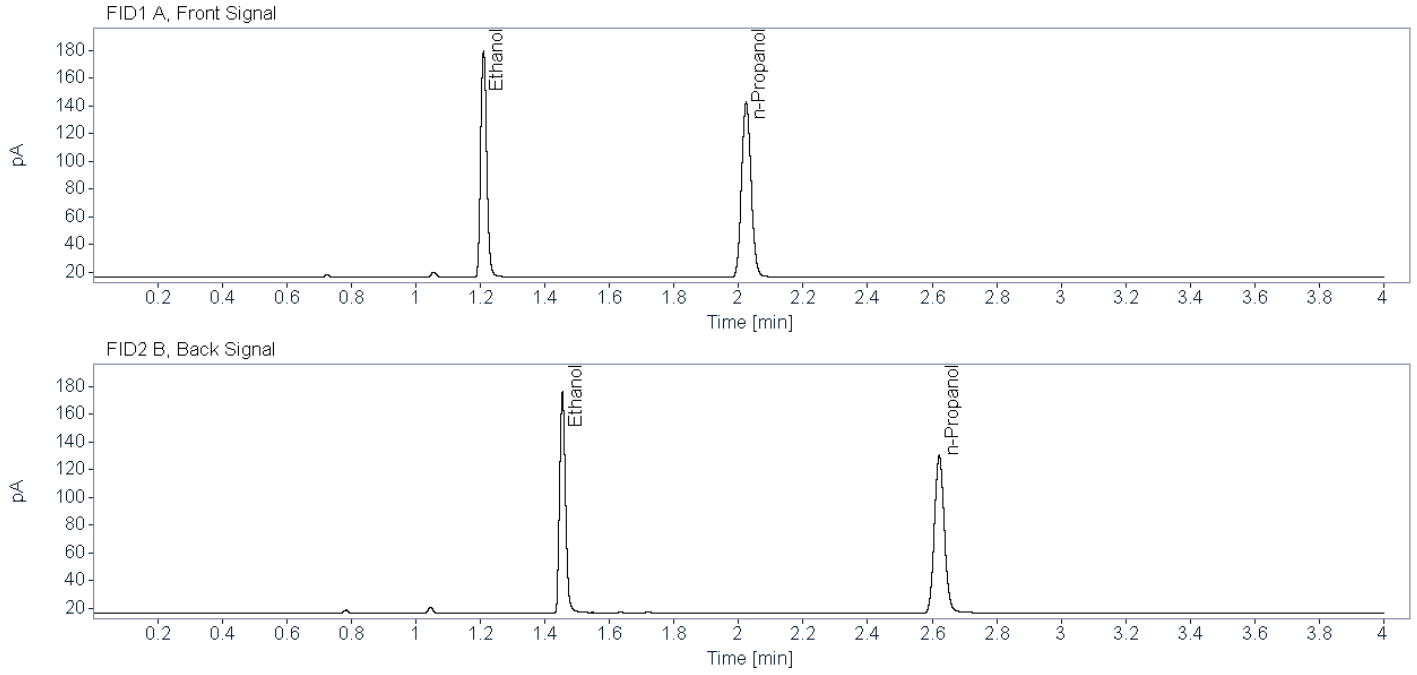
Previously analyzed in BAC_20240312_KB and BAC_20240328_KB -KB 4/25/2024

Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/25/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0433 001 (24-0824) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 21
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 11:34:11 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\021F2101.D



Name FID1A

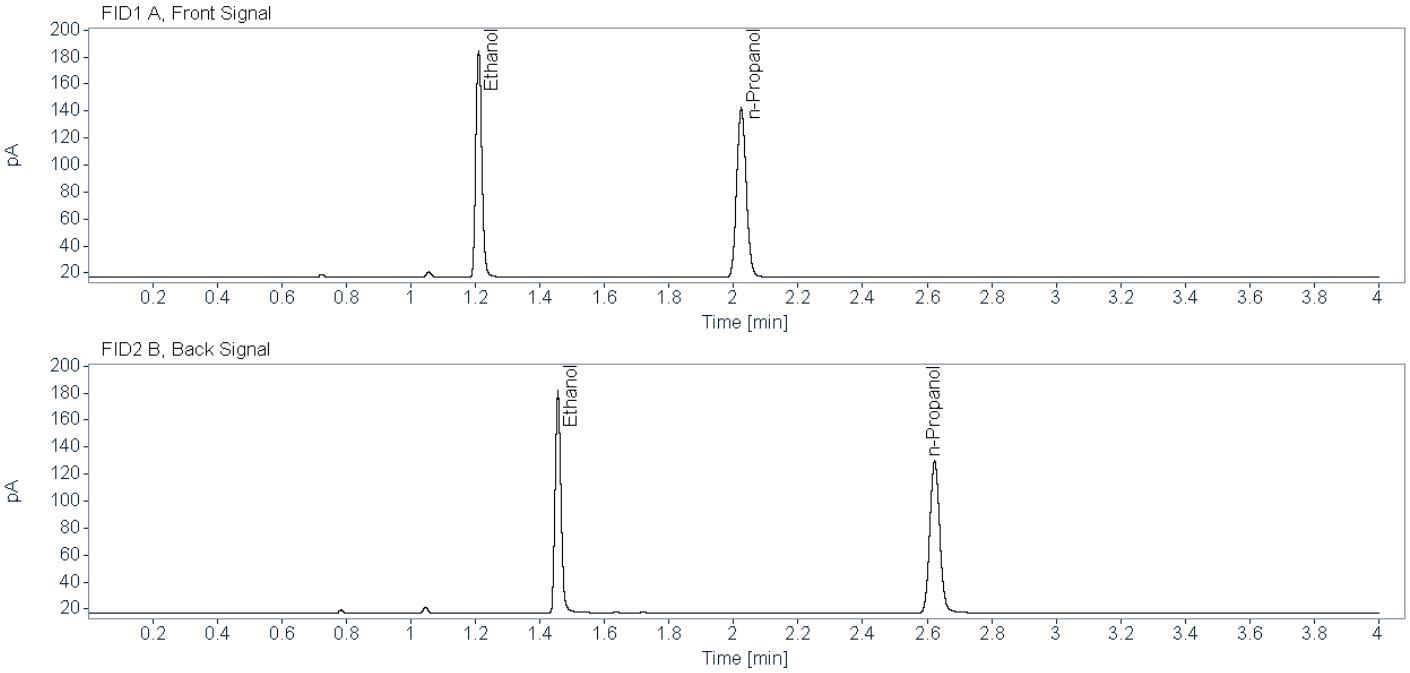
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84742	1.210	1.209	213.8595	0.1470
n-Propanol	0.87981	2.024	2.023	258.5501	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83609	1.454	1.454	201.1204	0.1469
n-Propanol	0.89898	2.622	2.621	240.6236	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0433 001 (24-0847) **Description:** Alq 2 **Sample Barcode** 24-0847 **Vial Number:** 45
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 1:38:59 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85949	1.210	1.209	218.7162	0.1511
n-Propanol	0.87835	2.024	2.023	257.1880	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84805	1.456	1.454	205.4421	0.1509
n-Propanol	0.90027	2.623	2.621	239.2755	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0595 001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1366	Aliquot 1:	0.1362
	Aliquot 2:	0.1377	Aliquot 2:	0.1374

KB 4/26/2024

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

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

Comments:

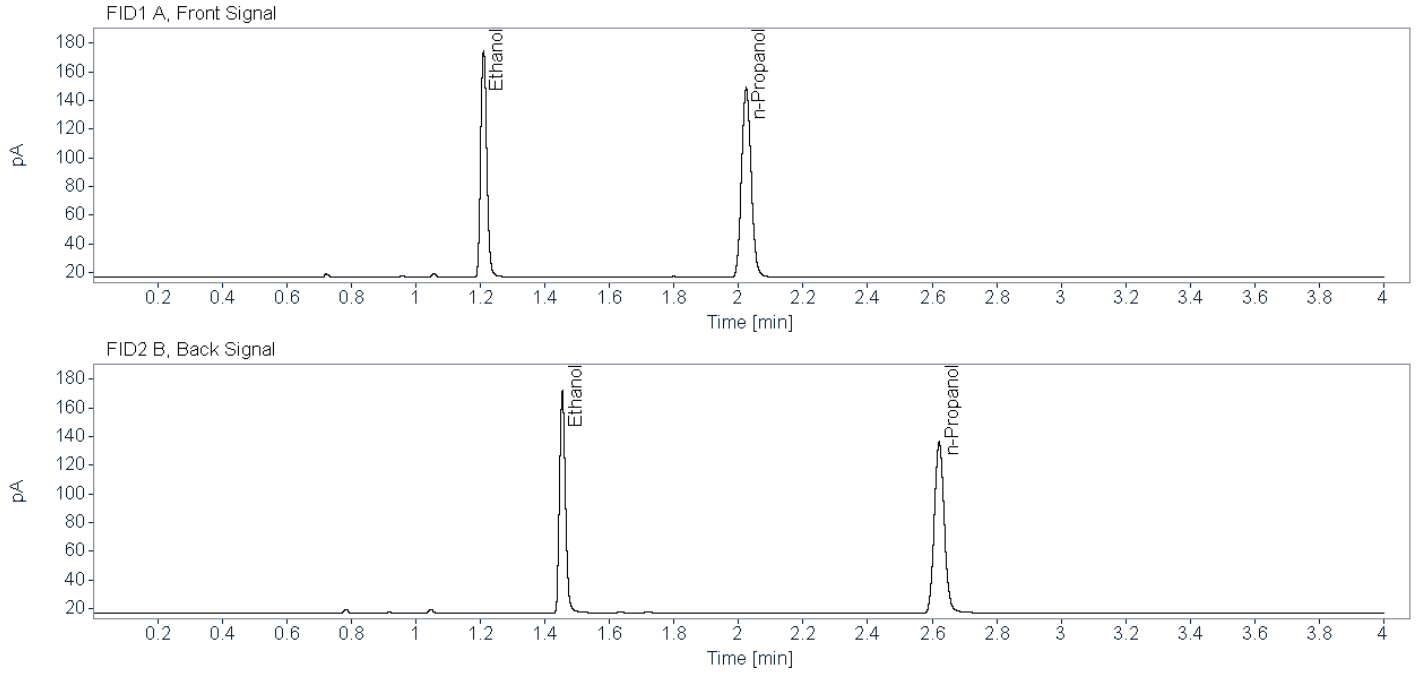
Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/26/2024

Previously analyzed in BAC_20240328_KB -KB 4/26/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0595 001 (24-0825) **Description:** Alq 1 **Sample Barcode** 24-0825 **Vial Number:** 23
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 11:44:36 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\023F2301.D



Name FID1A

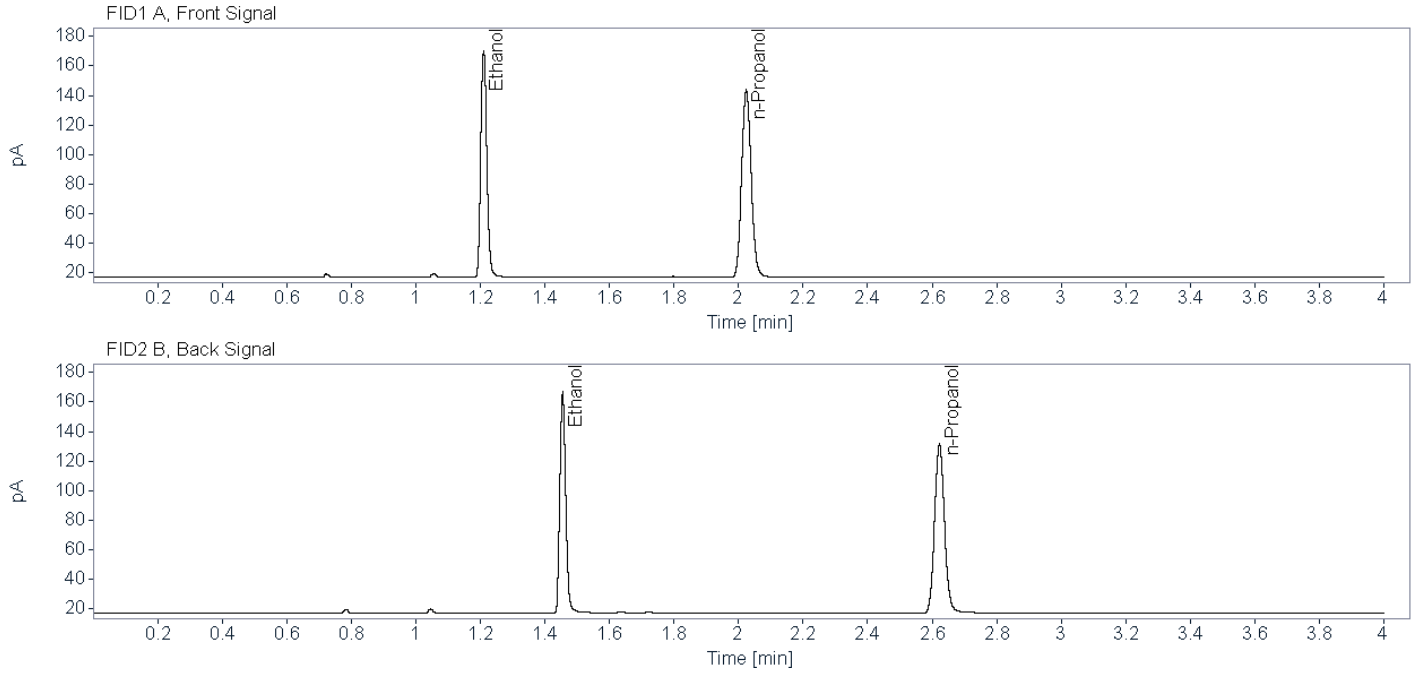
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84880	1.210	1.209	209.2473	0.1366
n-Propanol	0.88358	2.024	2.023	272.4114	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83473	1.454	1.454	196.7579	0.1362
n-Propanol	0.90005	2.622	2.621	254.0414	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0595 001 (24-0845) **Description:** Alq 2 **Sample Barcode** 24-0845 **Vial Number:** 43
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 1:28:35 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\043F4301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85409	1.210	1.209	201.6665	0.1377
n-Propanol	0.88108	2.024	2.023	260.2979	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83639	1.455	1.454	189.4639	0.1374
n-Propanol	0.90091	2.622	2.621	242.4755	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0596 001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1116	Aliquot 1:	0.1119
	Aliquot 2:	0.1120	Aliquot 2:	0.1122

KB 4/26/2024

Reported Result: 0.111 **g/100 mL**

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

Comments:

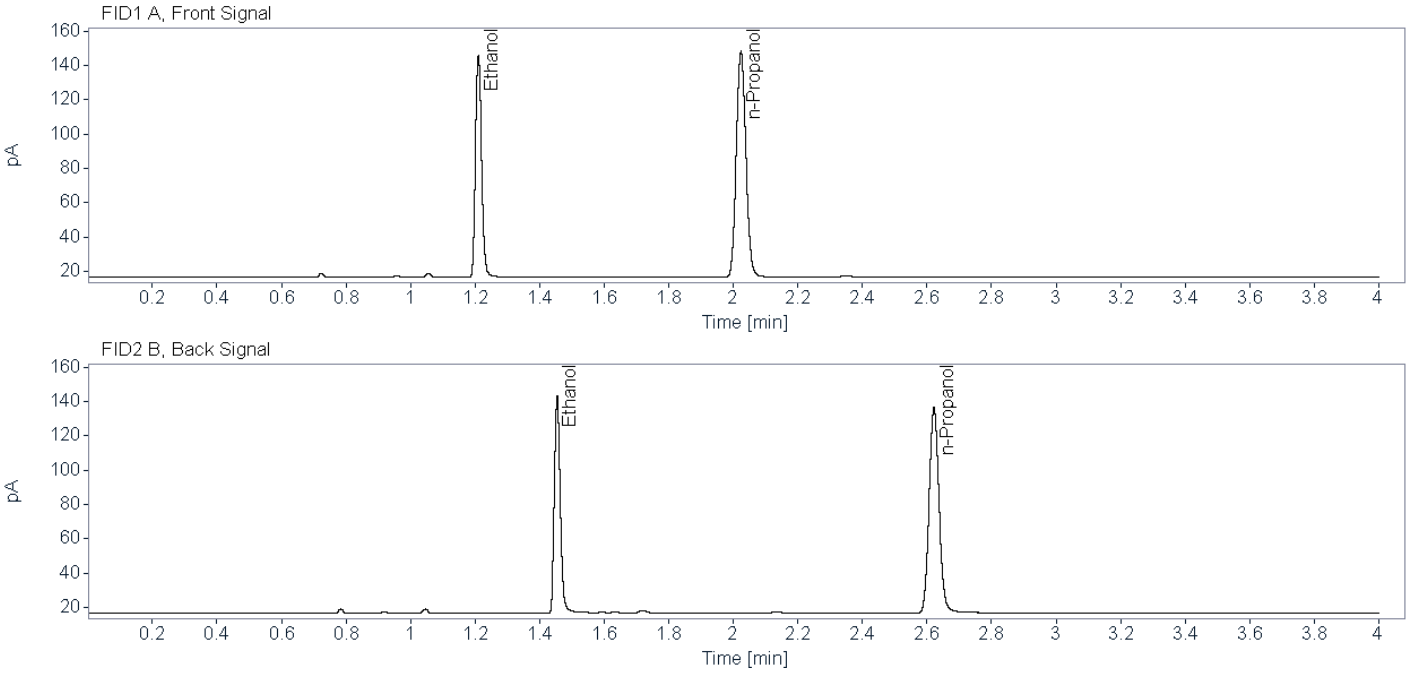
Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/26/2024

Previously analyzed in BAC_20240328_KB -KB 4/26/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0596 001 (24-0826) **Description:** Alq 1 **Sample Barcode** 24-0826 **Vial Number:** 24
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 11:49:18 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\024F2401.D



Name FID1A

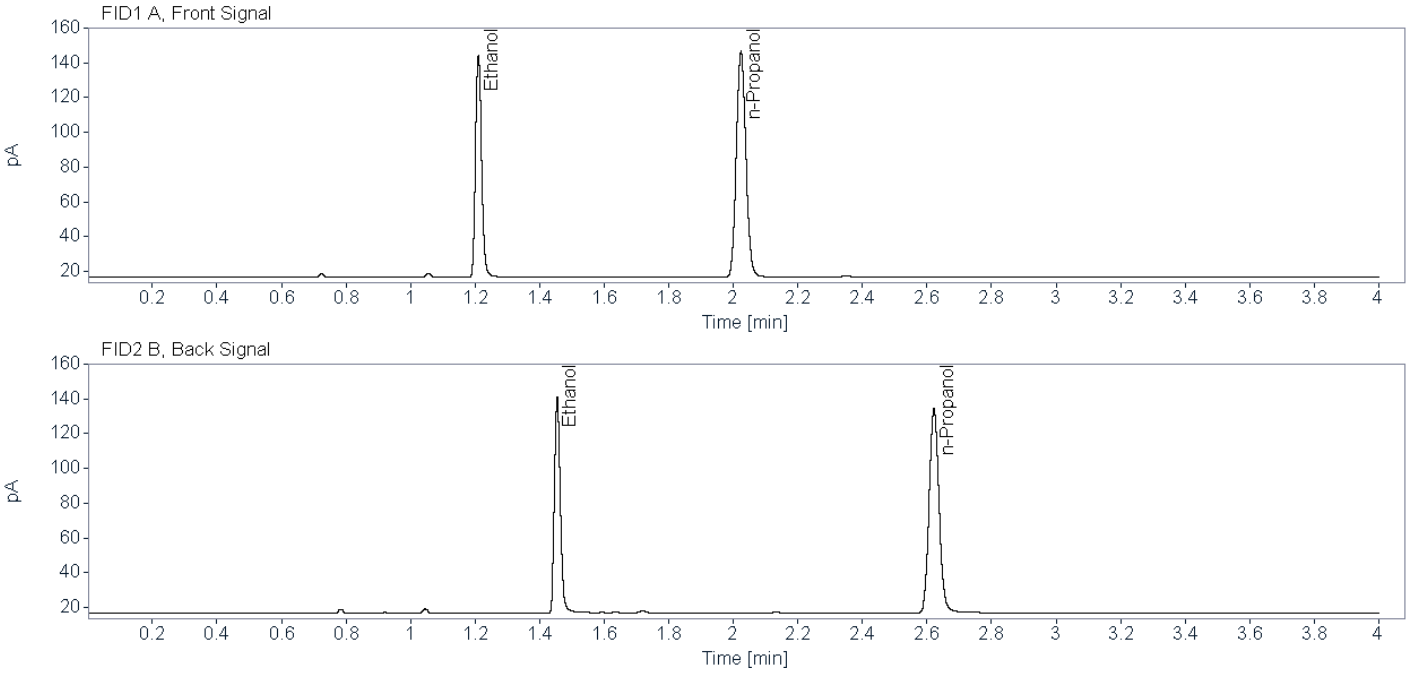
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83741	1.210	1.209	170.8515	0.1116
n-Propanol	0.87980	2.024	2.023	272.4460	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82980	1.454	1.454	161.3376	0.1119
n-Propanol	0.89841	2.622	2.621	254.0180	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0596 001 (24-0844) **Description:** Alq 2 **Sample Barcode** 24-0844 **Vial Number:** 42
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 1:23:37 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\042F4201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83599	1.210	1.209	168.0438	0.1120
n-Propanol	0.88129	2.024	2.023	267.0917	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82752	1.455	1.454	158.4801	0.1122
n-Propanol	0.89968	2.622	2.621	248.6706	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0597 001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1458	Aliquot 1:	0.1455
	Aliquot 2:	0.1505	Aliquot 2:	0.1502

KB 4/26/2024

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

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

Comments:

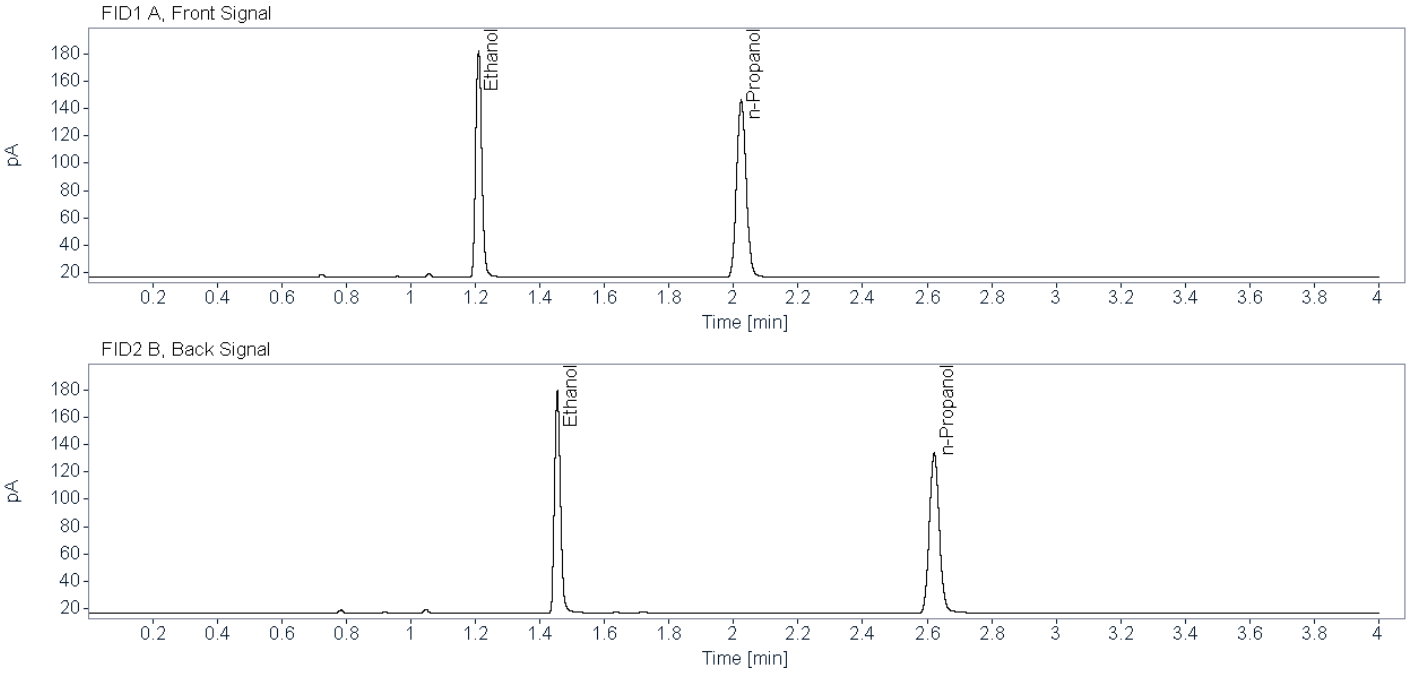
Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/26/2024

Previously analyzed in BAC_20240328_KB -KB 4/26/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0597 001 (24-0827) **Description:** Alq 1 **Sample Barcode** 24-0827 **Vial Number:** 25
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 11:54:59 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\025F2501.D



Name FID1A

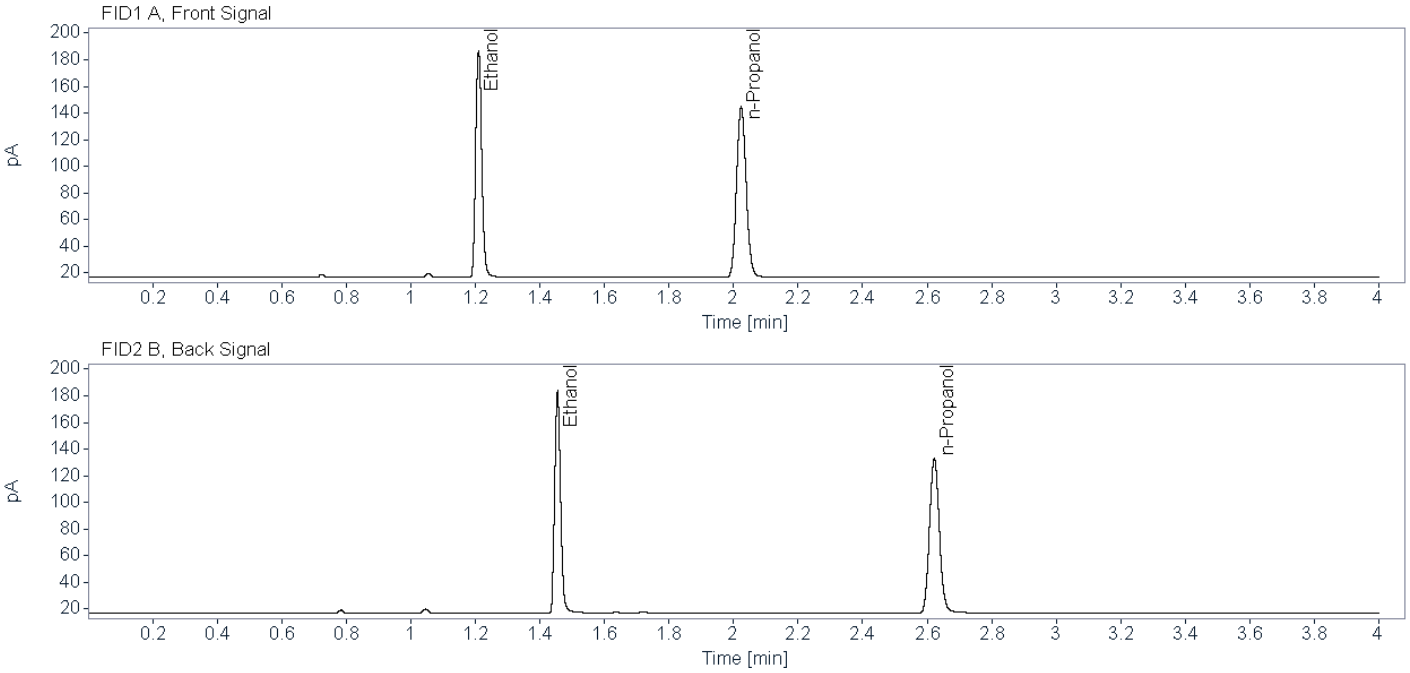
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85252	1.210	1.209	218.8019	0.1458
n-Propanol	0.88814	2.024	2.023	266.6312	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83602	1.454	1.454	205.9749	0.1455
n-Propanol	0.90297	2.622	2.621	248.7802	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0597 001 (24-0843) **Description:** Alq 2 **Sample Barcode** 24-0843 **Vial Number:** 41
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 1:18:11 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\041F4101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85474	1.210	1.209	223.5622	0.1505
n-Propanol	0.87817	2.024	2.023	263.8958	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84051	1.455	1.454	210.3032	0.1502
n-Propanol	0.90598	2.622	2.621	245.9827	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0608 001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2477	Aliquot 1:	0.2480
	Aliquot 2:	0.2497	Aliquot 2:	0.2498

KB 4/26/2024

Reported Result: **0.248** **g/100 mL**

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

Comments:

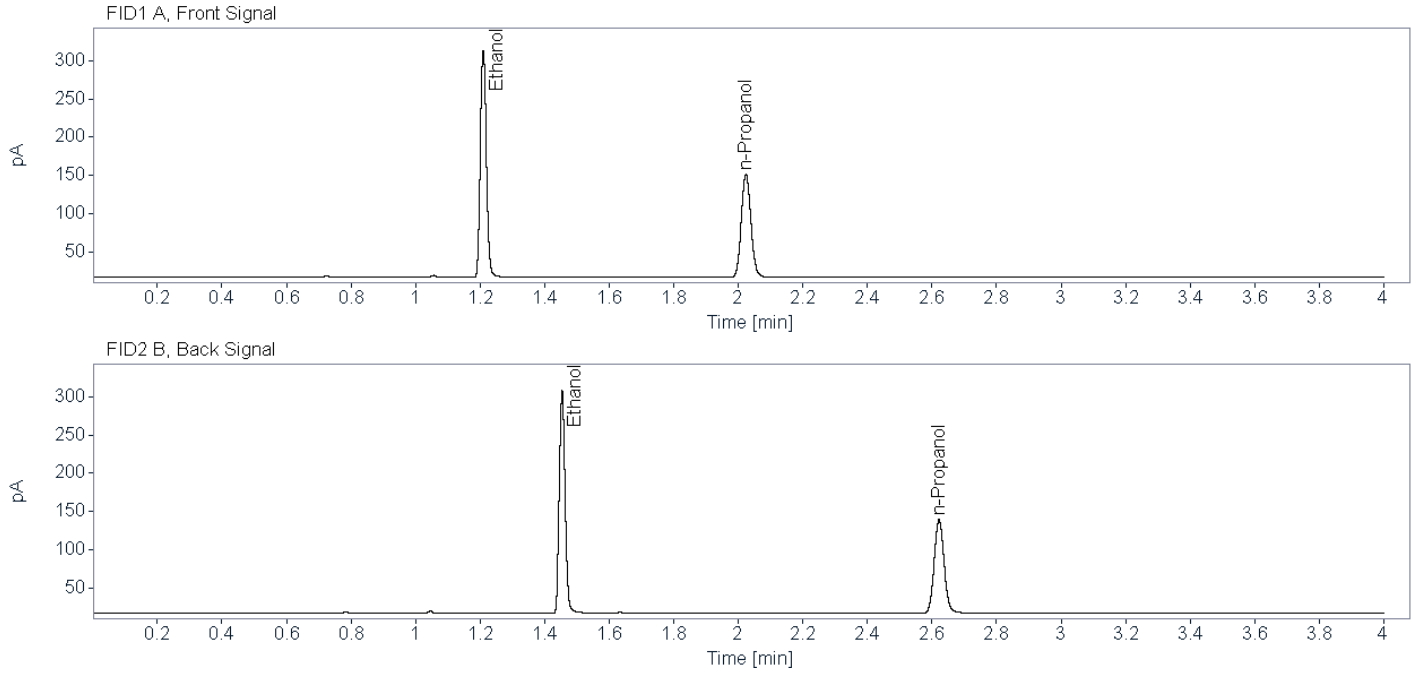
Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/26/2024

Previously analyzed in BAC_20240328_KB -KB 4/26/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0608 001 (24-0828) **Description:** Alq 1 **Sample Barcode** 24-0828 **Vial Number:** 26
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 11:59:42 AM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\026F2601.D



Name FID1A

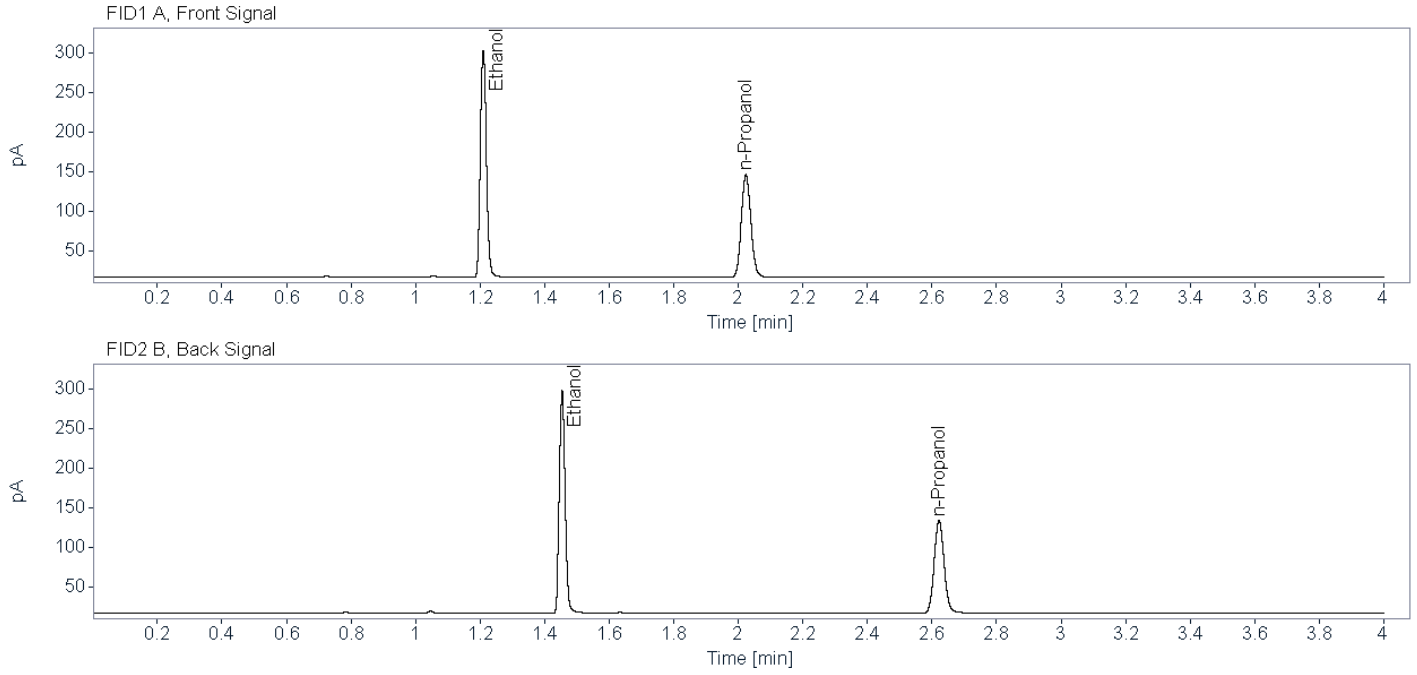
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85766	1.210	1.209	389.3503	0.2477
n-Propanol	0.87942	2.024	2.023	278.6664	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87717	1.454	1.454	367.7588	0.2480
n-Propanol	0.90475	2.622	2.621	259.8656	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0608 001 (24-0842) **Description:** Alq 2 **Sample Barcode** 24-0842 **Vial Number:** 40
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 1:13:13 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\040F4001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85739	1.210	1.209	375.4248	0.2497
n-Propanol	0.87611	2.024	2.023	266.5945	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87601	1.454	1.454	354.5290	0.2498
n-Propanol	0.89692	2.622	2.621	248.7132	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0610 001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1607	Aliquot 1:	0.1606
	Aliquot 2:	0.1642	Aliquot 2:	0.1639

KB 4/26/2024

Reported Result: ~~0.162~~ **g/100 mL**

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

Comments:

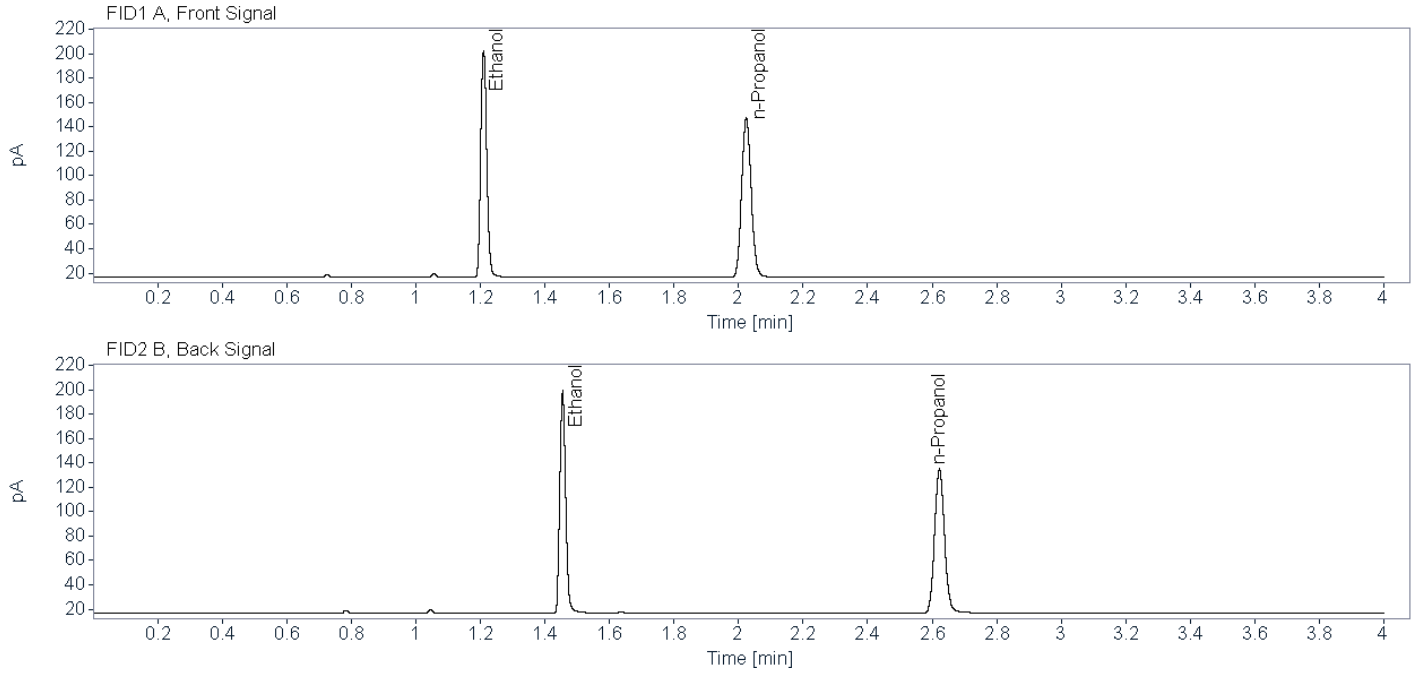
Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/26/2024

Previously analyzed in BAC_20240328_KB -KB 4/26/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0610 001 (24-0829) **Description:** Alq 1 **Sample Barcode** 24-0829 **Vial Number:** 27
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 12:05:23 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\027F2701.D



Name FID1A

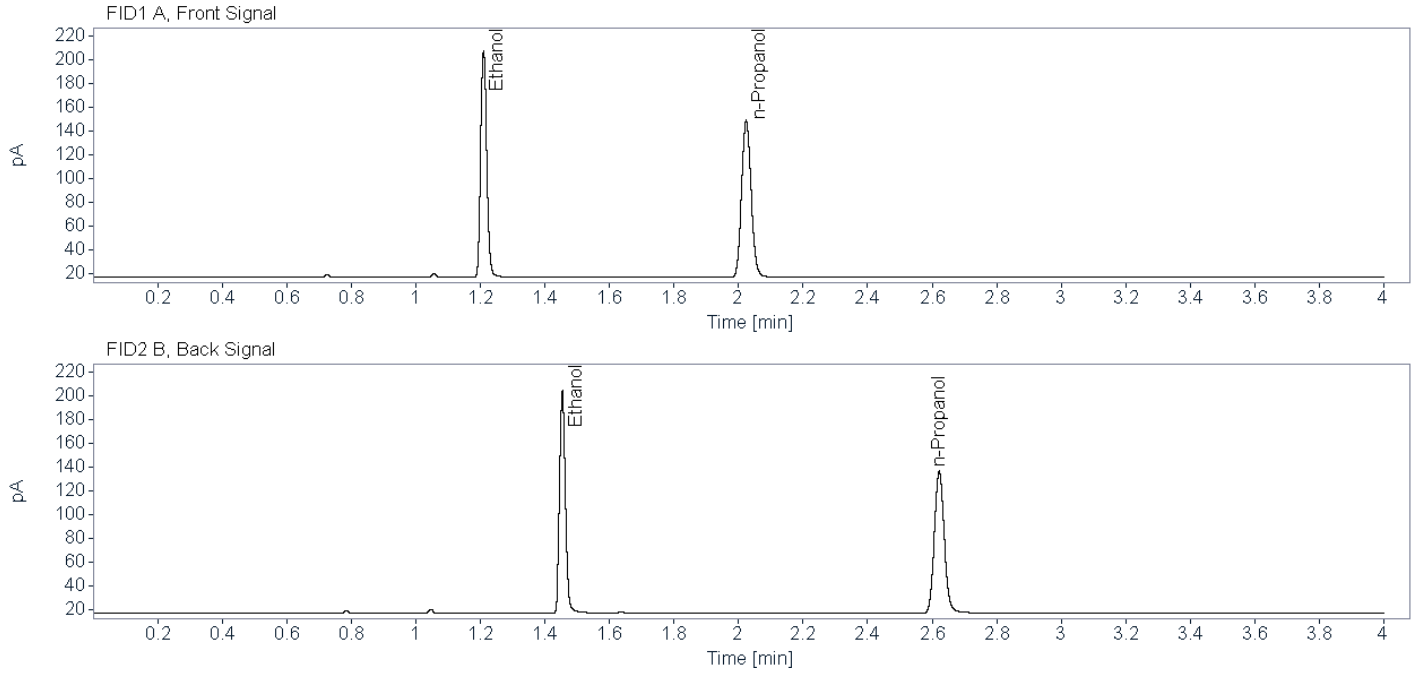
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85874	1.210	1.209	243.2122	0.1607
n-Propanol	0.88644	2.024	2.023	268.7664	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84516	1.455	1.454	229.0583	0.1606
n-Propanol	0.89200	2.622	2.621	250.4336	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0610 001 (24-0841) **Description:** Alq 2 **Sample Barcode** 24-0841 **Vial Number:** 39
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 1:07:47 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\039F3901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85625	1.210	1.209	251.7682	0.1642
n-Propanol	0.88016	2.024	2.023	272.3544	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84248	1.454	1.454	236.9040	0.1639
n-Propanol	0.90173	2.622	2.621	253.8193	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0620 001_001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0938	Aliquot 1:	0.0937
	Aliquot 2:	0.0981	Aliquot 2:	0.0983

KB 4/26/2024

Reported Result: ~~0.095~~ **0.014** **g/100 mL**

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

Comments:

Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/26/2024

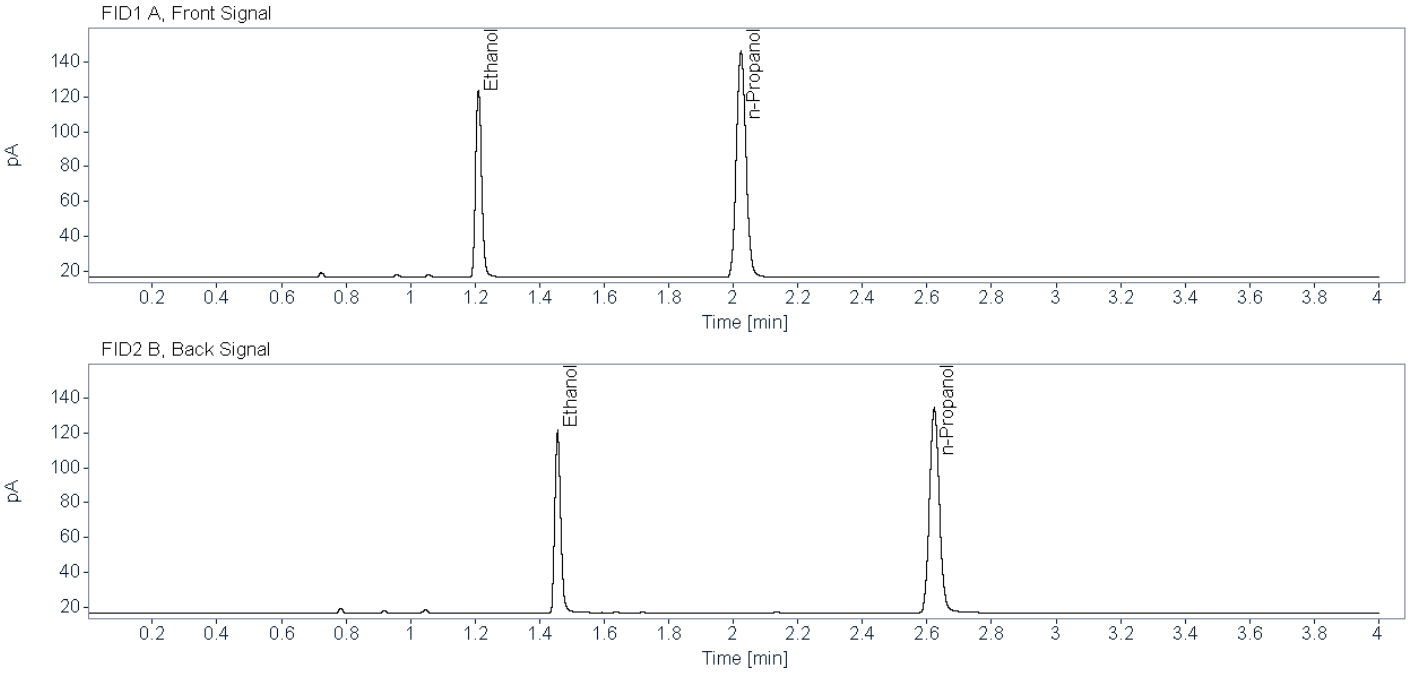
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0620 001_001 (24-0830) **Description:** Alq 1 **Sample Barcode** 24-0830 **Vial Number:** 28

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 12:10:05 PM

Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84074	1.211	1.209	140.2117	0.0938
n-Propanol	0.88082	2.024	2.023	266.3226	0.0100

Name FID2B

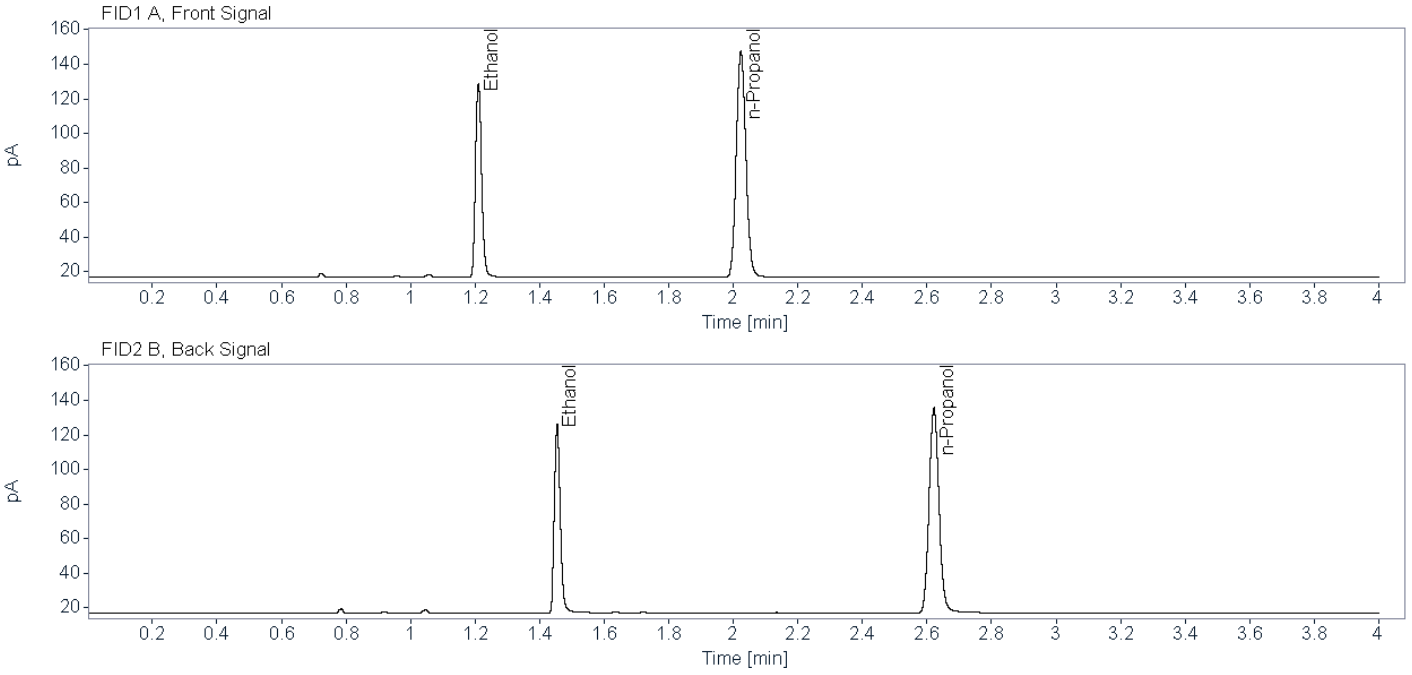
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82029	1.456	1.454	131.8890	0.0937
n-Propanol	0.89913	2.623	2.621	248.2951	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0620 001_001 (24-0840) **Description:** Alq 2 **Sample Barcode** 24-0840 **Vial Number:** 38

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 1:02:49 PM

Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\038F3801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83390	1.210	1.209	148.4958	0.0981
n-Propanol	0.87753	2.024	2.023	269.7130	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82355	1.454	1.454	140.0088	0.0983
n-Propanol	0.91221	2.622	2.621	251.2294	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0622 001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2049	Aliquot 1:	0.2051
	Aliquot 2:	0.2028	Aliquot 2:	0.2031

KB 4/26/2024

Reported Result: 0.203 g/100 mL

Reported UM: 0.029 g/100 mL

Comments:

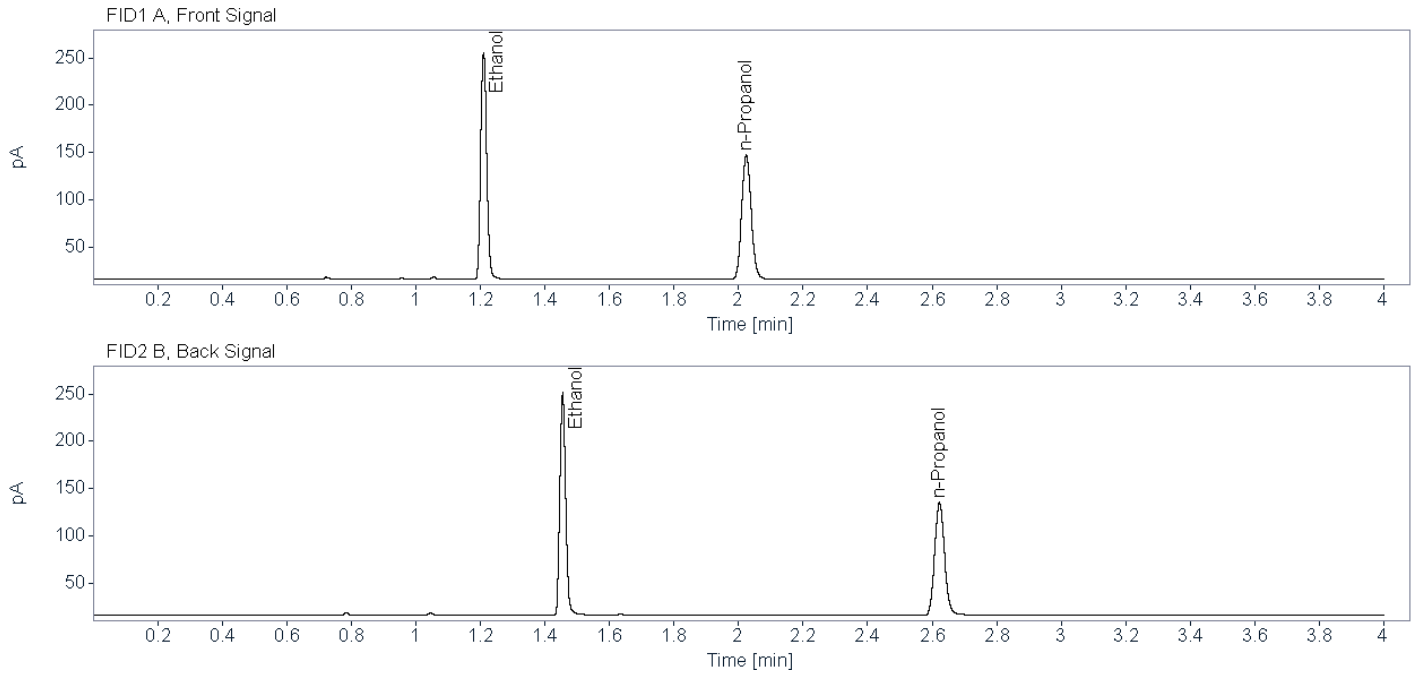
Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/26/2024

Previously analyzed in BAC_20240328_KB -KB 4/26/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0622 001 (24-0831) **Description:** Alq 1 **Sample Barcode** 24-0831 **Vial Number:** 29
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 12:15:47 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\029F2901.D



Name FID1A

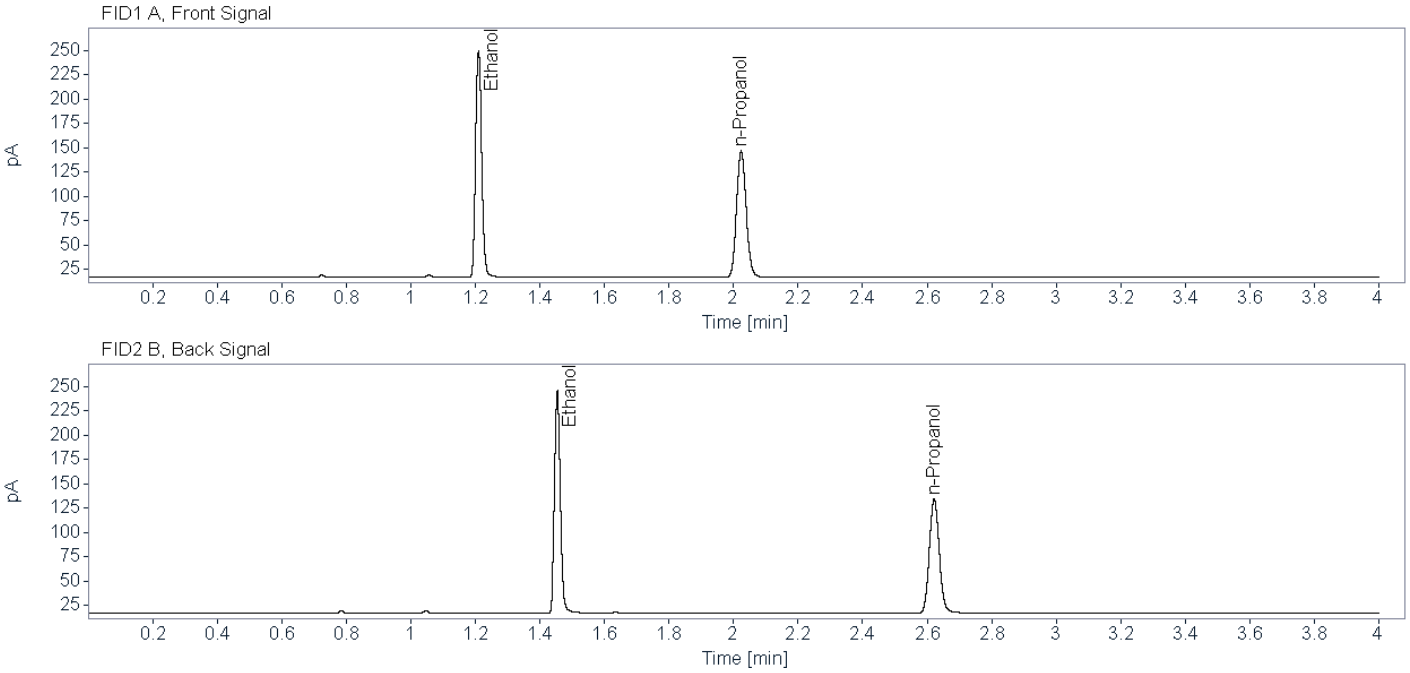
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86598	1.210	1.209	311.1768	0.2049
n-Propanol	0.88387	2.024	2.023	269.4760	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86226	1.455	1.454	293.6968	0.2051
n-Propanol	0.89942	2.623	2.621	251.2043	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0622 001 (24-0839) **Description:** Alq 2 **Sample Barcode** 24-0839 **Vial Number:** 37
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 12:57:23 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\037F3701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86254	1.210	1.209	306.5989	0.2028
n-Propanol	0.87850	2.024	2.023	268.2102	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85520	1.454	1.454	289.2830	0.2031
n-Propanol	0.89964	2.622	2.621	249.8866	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0623 001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1274	Aliquot 1:	0.1271
	Aliquot 2:	0.1260	Aliquot 2:	0.1257

KB 4/26/2024

Reported Result: **0.126** **g/100 mL**

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

Comments:

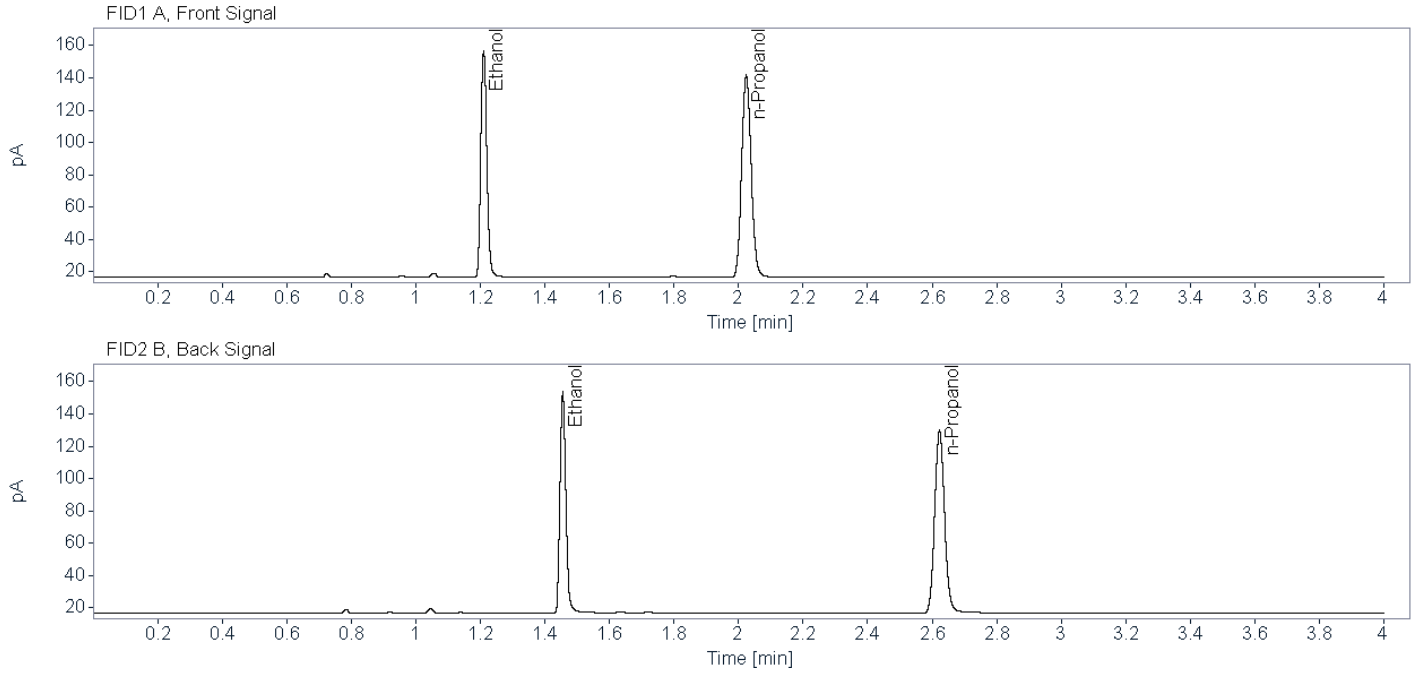
Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/26/2024

Previously analyzed in BAC_20240328_KB -KB 4/26/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0623 001 (24-0832) **Description:** Alq 1 **Sample Barcode** 24-0832 **Vial Number:** 30
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 12:21:13 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\030F3001.D



Name FID1A

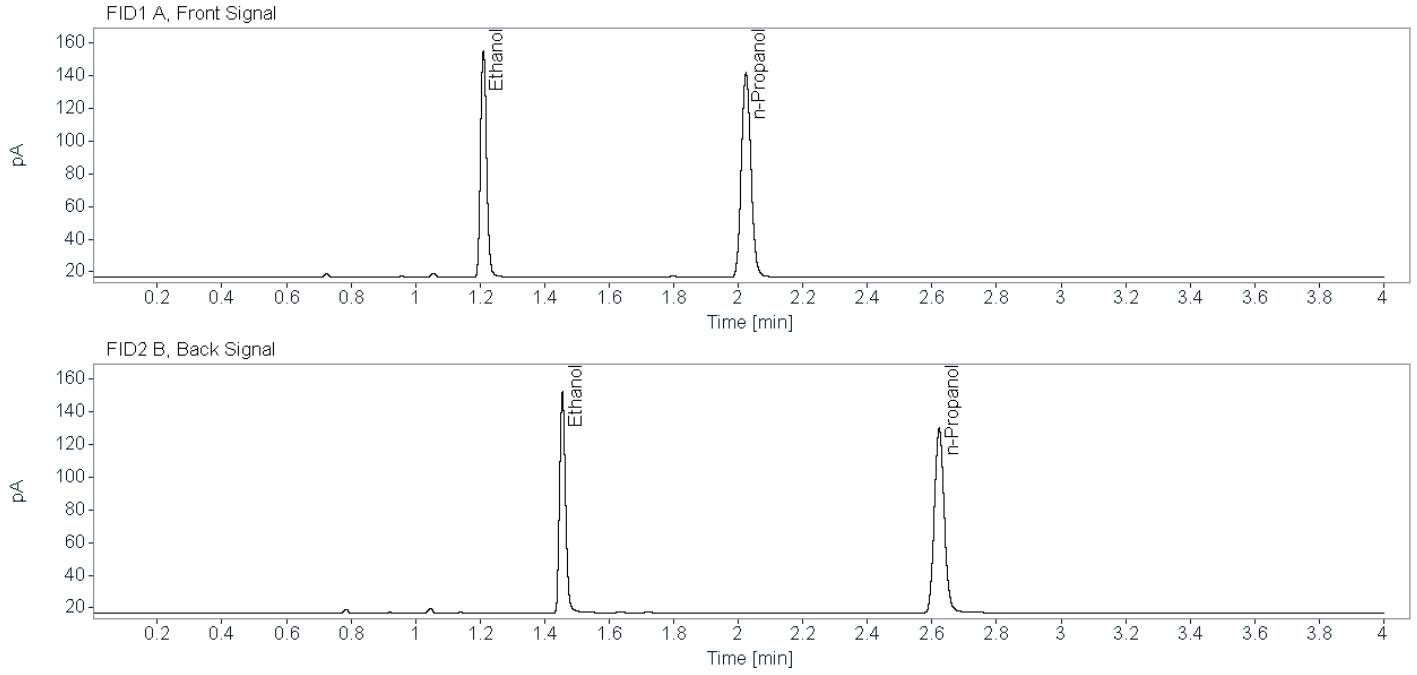
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85269	1.210	1.209	183.4978	0.1274
n-Propanol	0.87989	2.024	2.023	256.2018	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83553	1.455	1.454	172.3587	0.1271
n-Propanol	0.89666	2.623	2.621	238.6061	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0623 001 (24-0838) **Description:** Alq 2 **Sample Barcode** 24-0838 **Vial Number:** 36
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 12:52:25 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\036F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84239	1.210	1.209	182.1637	0.1260
n-Propanol	0.87969	2.024	2.023	257.2044	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82867	1.455	1.454	171.2189	0.1257
n-Propanol	0.90015	2.622	2.621	239.5702	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0624 001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2417	Aliquot 1:	0.2416
	Aliquot 2:	0.2352	Aliquot 2:	0.2352

KB 4/26/2024

Reported Result: ~~0.238~~ **g/100 mL**

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

Comments:

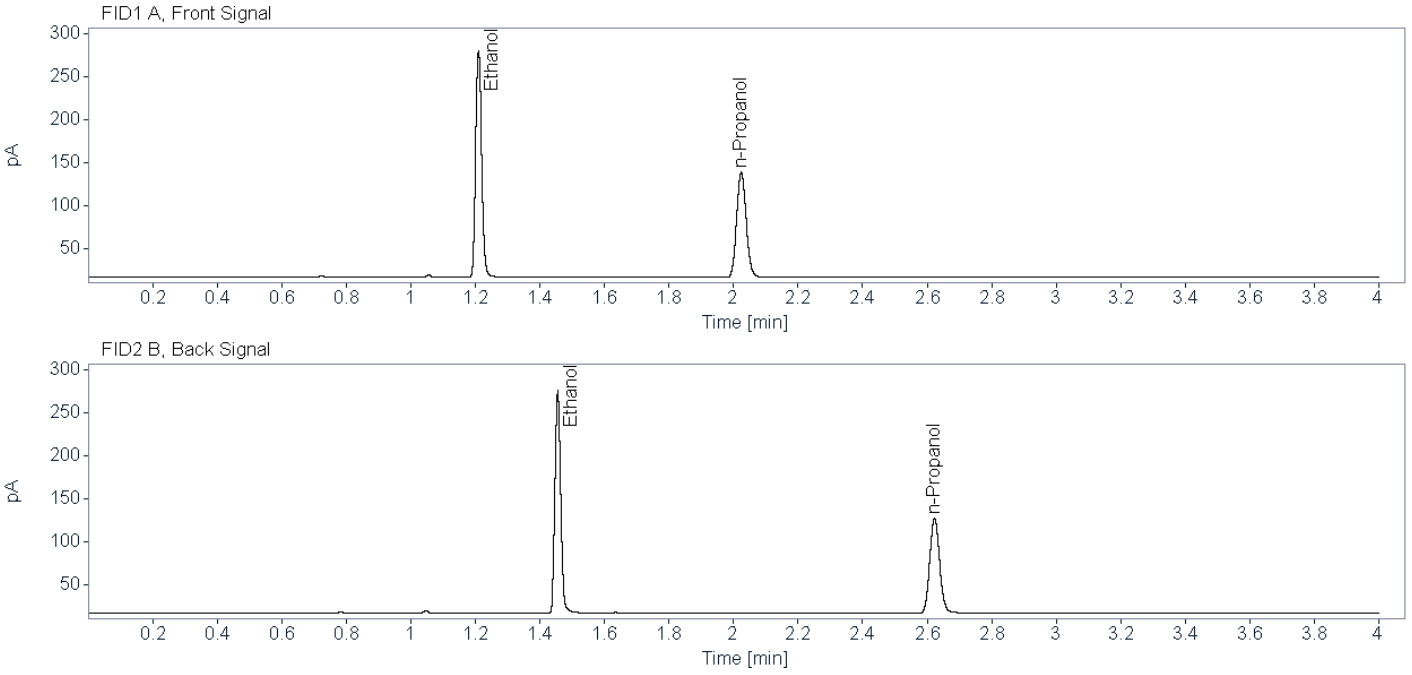
Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/26/2024

Previously analyzed in BAC_20240328_KB -KB 4/26/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0624 001 (24-0833) **Description:** Alq 1 **Sample Barcode** 24-0833 **Vial Number:** 31
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 12:26:12 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\031F3101.D



Name FID1A

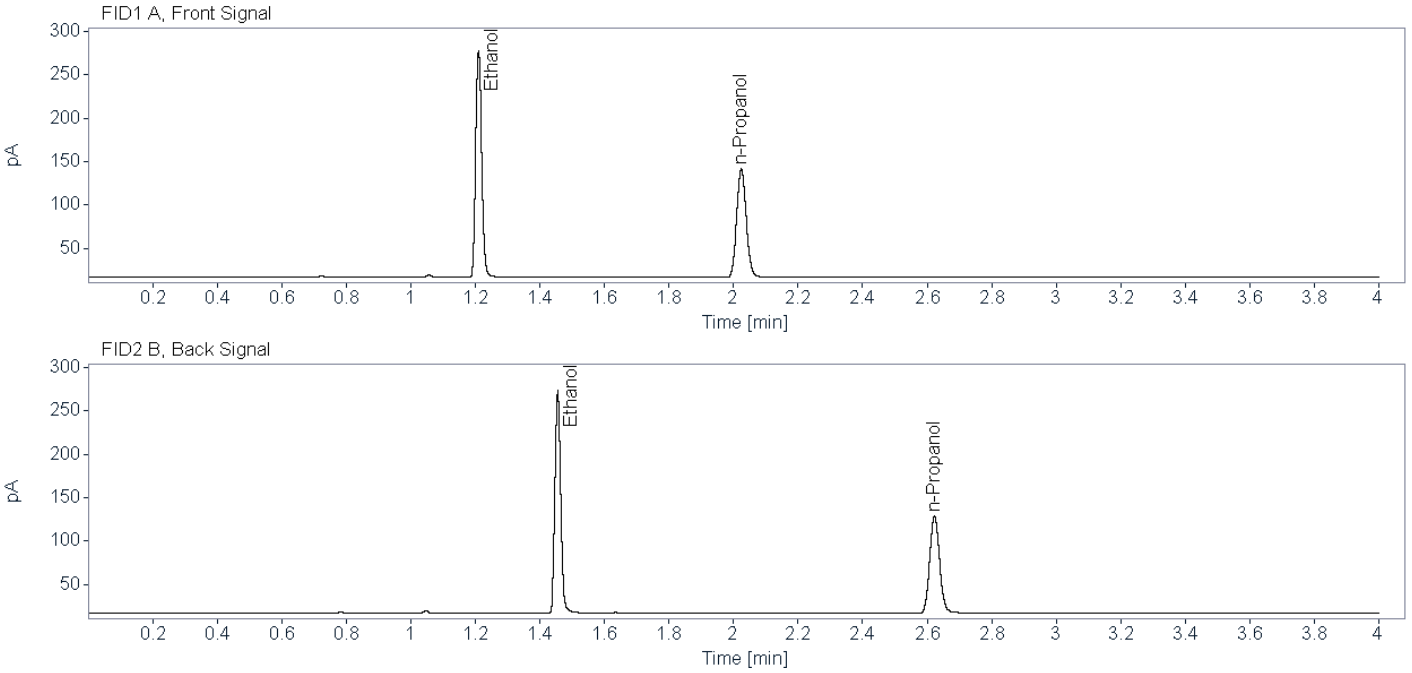
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86599	1.210	1.209	341.6323	0.2417
n-Propanol	0.88103	2.024	2.023	250.6293	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87002	1.455	1.454	321.9669	0.2416
n-Propanol	0.89458	2.623	2.621	233.5314	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0624 001 (24-0837) **Description:** Alq 2 **Sample Barcode** 24-0837 **Vial Number:** 35
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 12:46:59 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\035F3501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86731	1.210	1.209	340.0577	0.2352
n-Propanol	0.88052	2.024	2.023	256.4254	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86916	1.455	1.454	320.4647	0.2352
n-Propanol	0.89299	2.623	2.621	238.7892	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0625 001

Batch Name: BAC_20240402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2183	Aliquot 1:	0.2184
	Aliquot 2:	0.2050	Aliquot 2:	0.2051

KB 4/26/2024

Reported Result: 0.211 **g/100 mL**

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

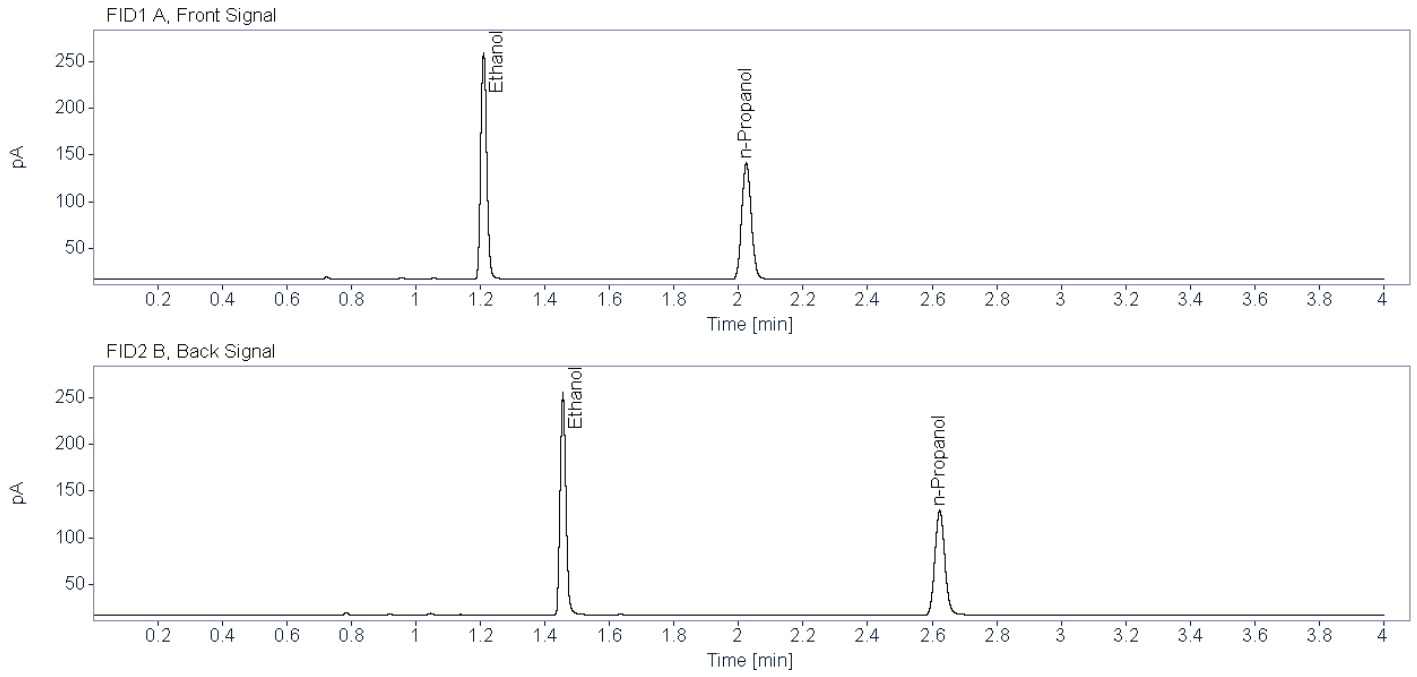
Comments:

Blood QC A and Blood QC B failed to meet acceptance criteria, this sample will be repeated -KB 4/26/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0625 001 (24-0834) **Description:** Alq 1 **Sample Barcode** 24-0834 **Vial Number:** 32
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 12:31:37 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\032F3201.D



Name FID1A

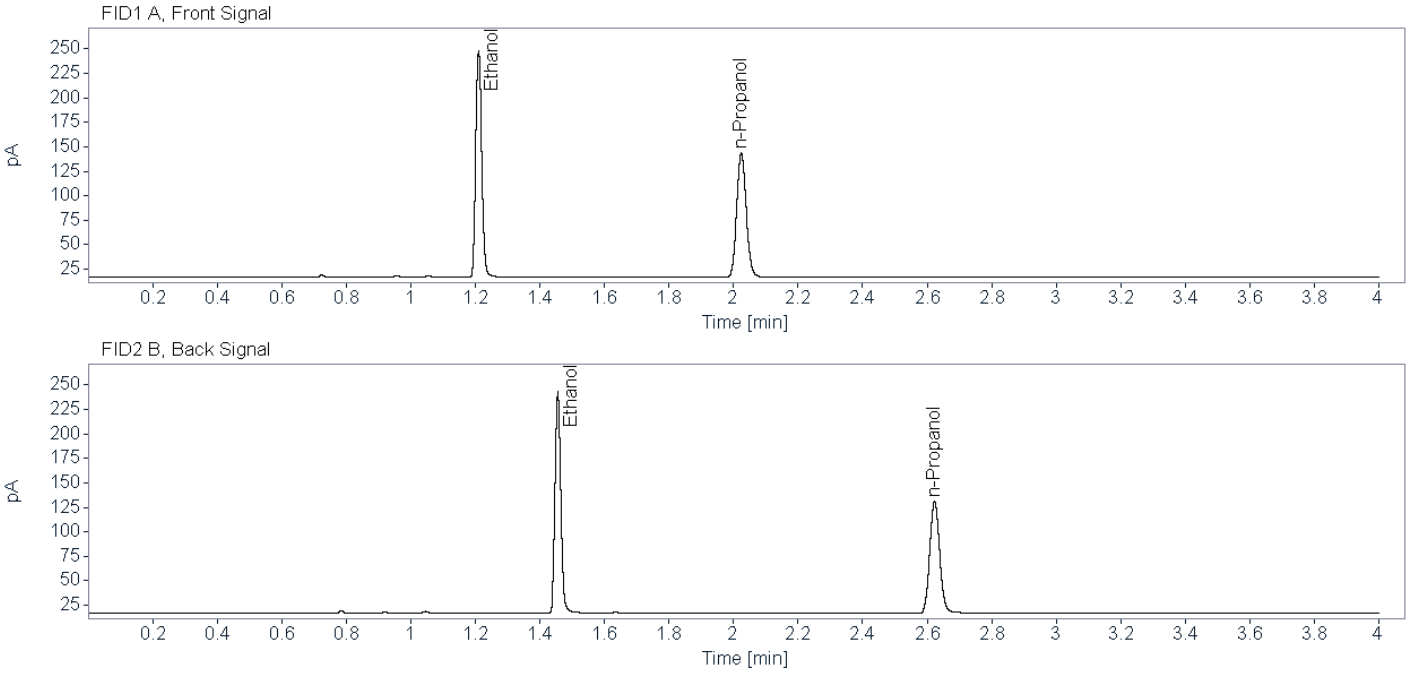
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86874	1.210	1.209	314.5175	0.2183
n-Propanol	0.88623	2.024	2.023	255.5746	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86920	1.456	1.454	296.7723	0.2184
n-Propanol	0.89903	2.623	2.621	238.2845	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0625 001 (24-0836) **Description:** Alq 2 **Sample Barcode** 24-0836 **Vial Number:** 34
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2024 12:42:01 PM
Data File: C:\Chem32\1\Data\BAC_20240402_KB 2024-04-02 09-40-02\034F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86375	1.210	1.209	300.3817	0.2050
n-Propanol	0.88102	2.024	2.023	259.9730	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86201	1.456	1.454	283.3889	0.2051
n-Propanol	0.89942	2.623	2.621	242.3442	0.0100