

**SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY
BLOOD ALCOHOL FACE SHEET**

ANALYSIS DATE 09/23/25

SEQUENCE NAME 23Sep25

EQUIPMENT

Pipettor ☐ Hamilton ML600GJ10749 ☒ Hamilton ML600EA20851
Gas Chromatograph ☒ Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r^2)
Vial 2 0.10 calibrator Lot FN04042408 0.99997
Vial 3 0.20 calibrator Lot FN03132302
Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 111224WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
9	Blood control	0.203 g/dL	0.203 g/dL	ACQ 4130622206/10
20	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed C1455120
31	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed C1455120
42	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 12052023-B
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
44	Blood control	0.203 g/dL	0.201 g/dL	ACQ 4130622206/10
45	Blank	Not detected	Not detected	SPD lab 060925AQ

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid ☒
Run invalid ☐

Erika Camonico
Analyst

Run valid ☒
Run invalid ☐

Lori Abbott
Technical Reviewer

Scottsdale Police Department Crime Laboratory

Sequence Quality Assurance Summary

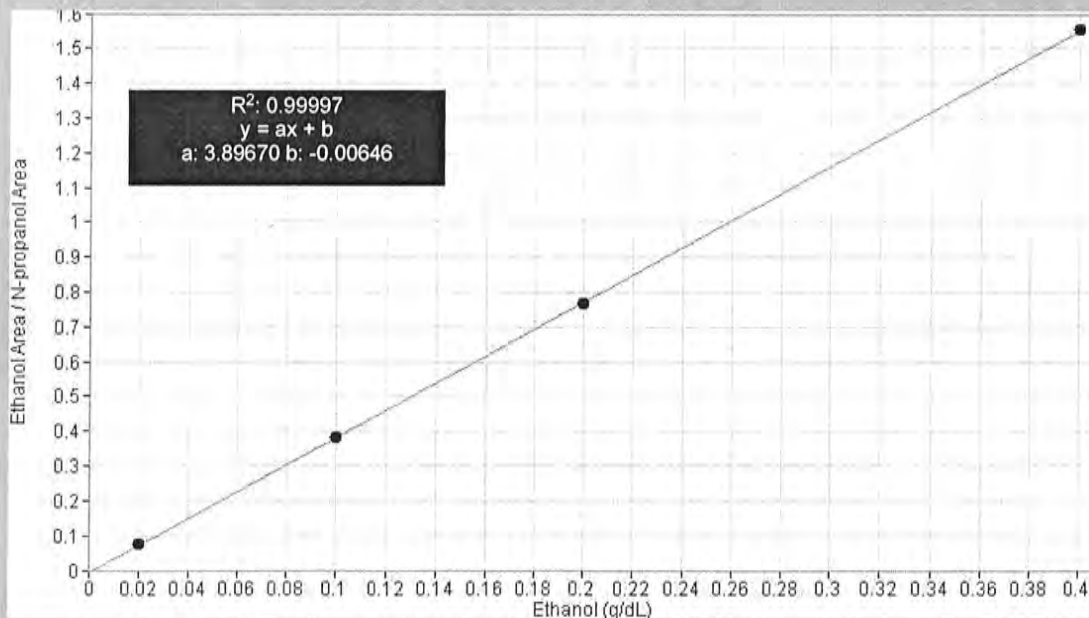
SEQUENCE NAME: 23Sep25

ANALYST: Canonico

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 111224WB	5	negative	negative	-	-
0.400 12052023-B	7	0.400	0.400	0.00	0.000
0.040 518018	8	0.041	0.040	2.50	0.001
0.203 4130622206/10	9	0.203	0.203	0.00	0.000
0.100 C1455120	20	0.101	0.100	1.00	0.001
0.100 C1455120	31	0.101	0.100	1.00	0.001
0.400 12052023-B	42	0.402	0.400	0.50	0.002
0.040 518018	43	0.041	0.040	2.50	0.001
0.203 4130622206/10	44	0.201	0.203	0.99	-0.002
blank 060925AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.426	153.071	0.075
0.100	58.615	153.347	0.382
0.200	113.364	147.553	0.768
0.400	239.205	153.870	1.555

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03122113	Vial:	1
Description:	0.020 calibrator	Sequence:	23Sep25
Method:	ethanol quant.M	Injection date:	9/23/2025 2:52:11 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>ee</i>
Data file:	C:\Chem32\1\Data\23Sep25\1.D		

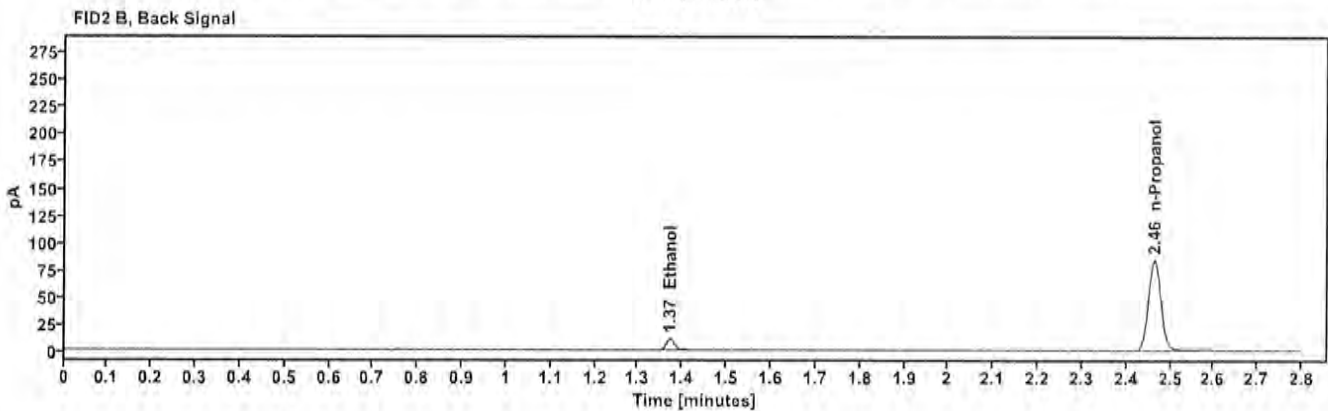
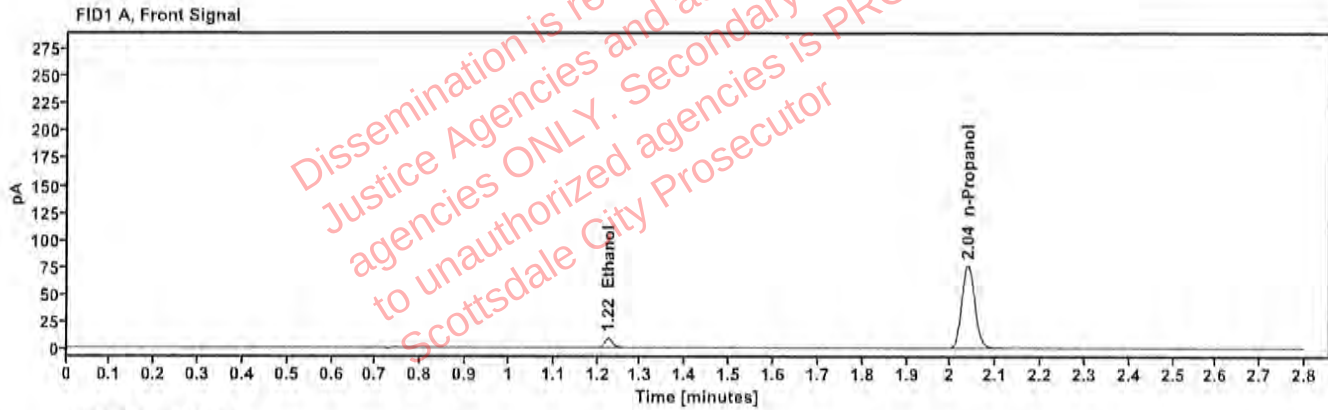


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.225	11.426
n-Propanol	2.038	153.071

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.372	12.548
n-Propanol	2.463	166.739

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN04042408	Vial:	2
Description:	0.100 calibrator	Sequence:	23Sep25
Method:	ethanol quant.M	Injection date:	9/23/2025 2:58:11 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>CC</i>
Data file:	C:\Chem32\1\Data\23Sep25\2.D		

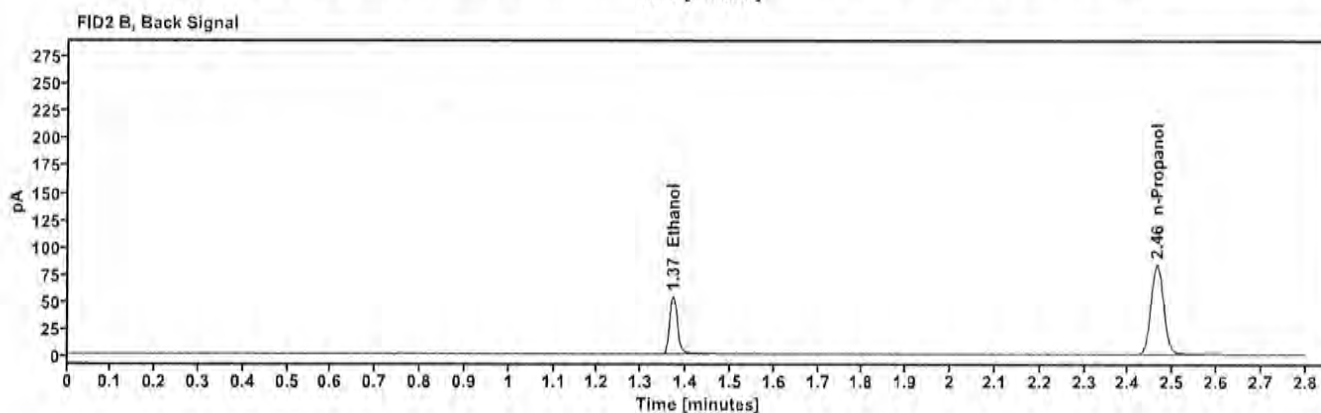
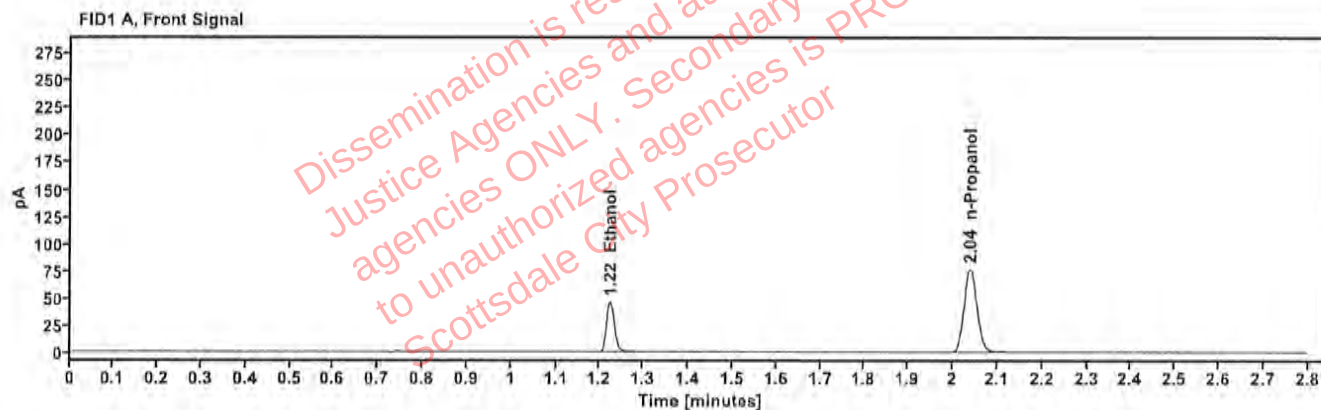


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.223	58.615
n-Propanol	2.039	153.347

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.371	64.258
n-Propanol	2.464	166.832

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03132302	Vial:	3
Description:	0.200 calibrator	Sequence:	23Sep25
Method:	ethanol quant.M	Injection date:	9/23/2025 3:00:11 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>EC</i>
Data file:	C:\Chem32\1\Data\23Sep25\3.D		

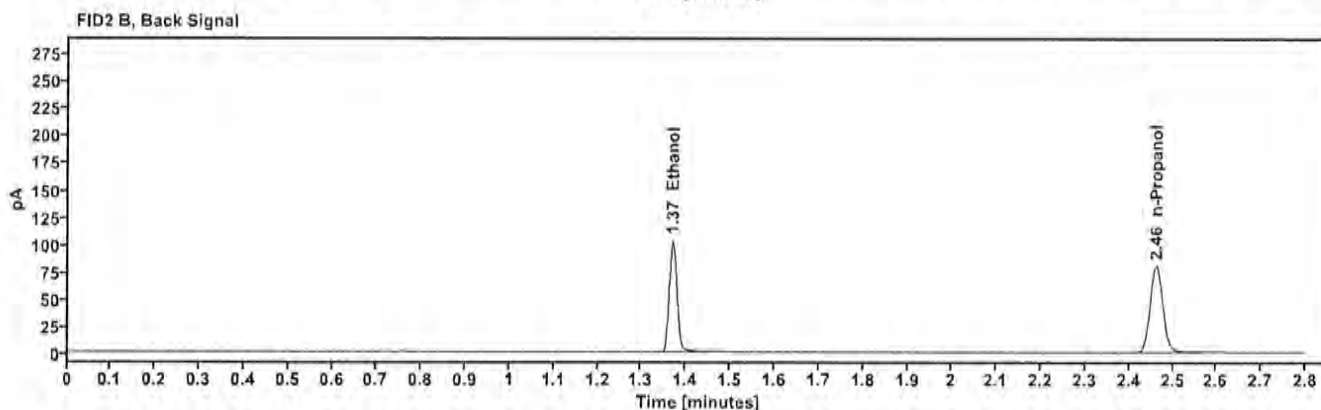
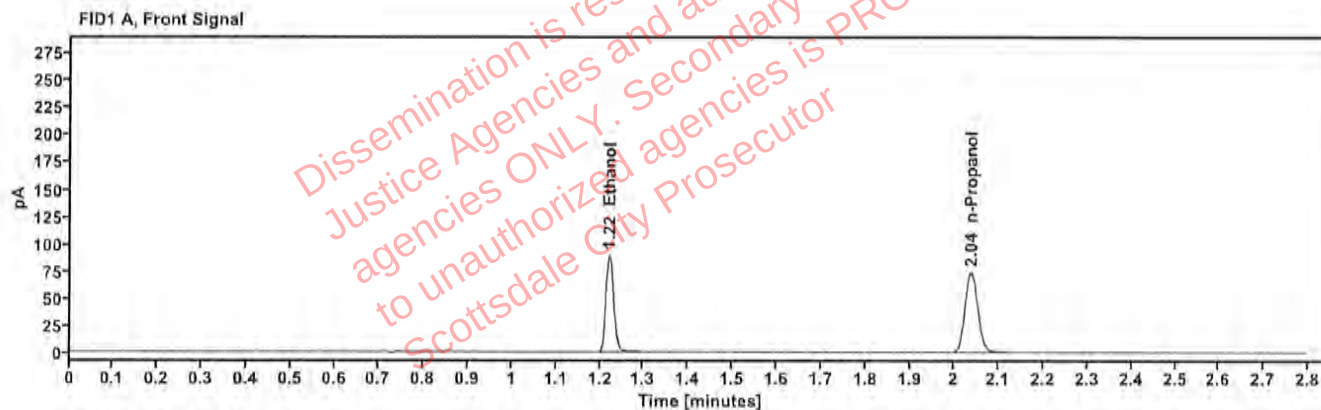


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.221	113.364
n-Propanol	2.037	147.553

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.370	124.258
n-Propanol	2.462	160.297

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	23Sep25
Method:	ethanol quant.M	Injection date:	9/23/2025 3:04:11 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>ec</i>
Data file:	C:\Chem32\1\Data\23Sep25\4.D		

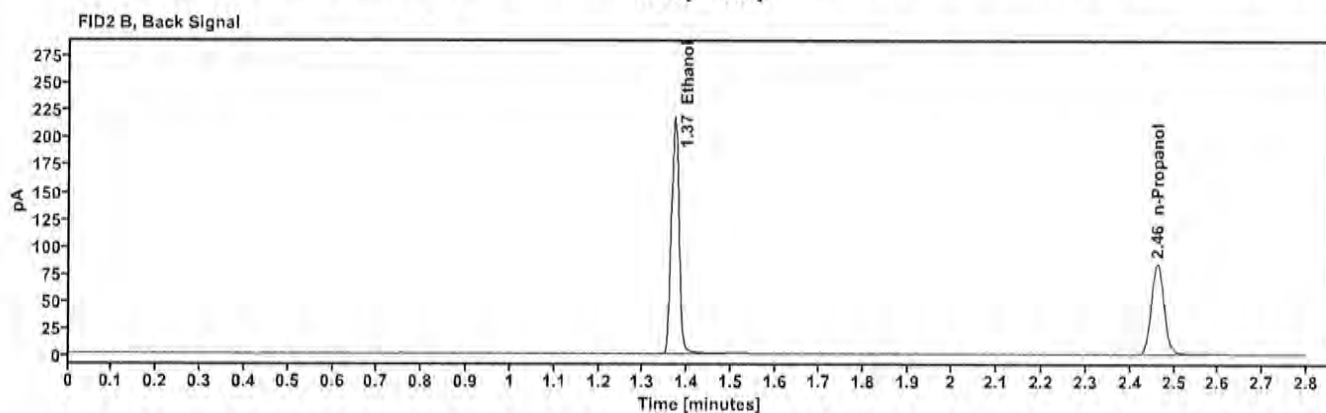
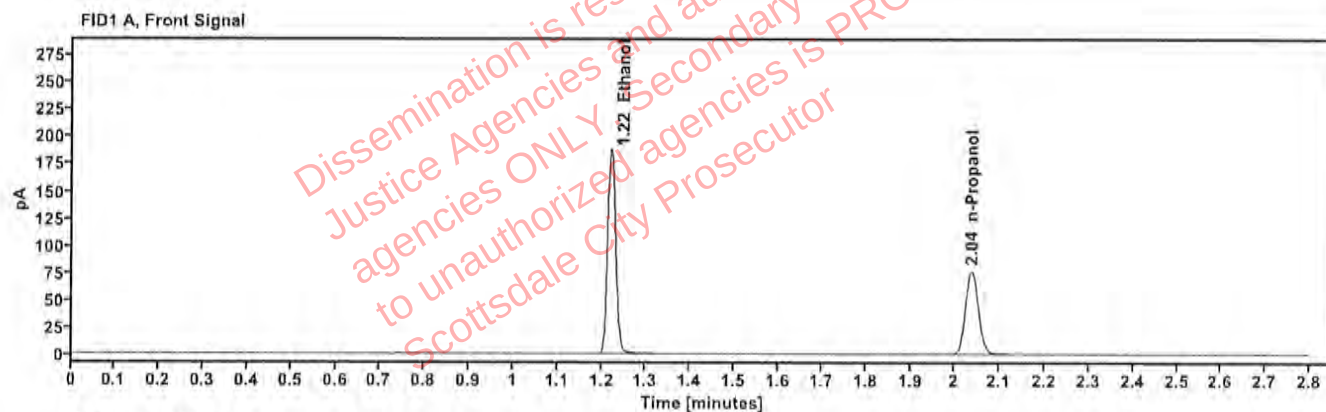


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.221	239.205
n-Propanol	2.037	153.870

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.370	263.871
n-Propanol	2.462	167.105

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111224WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 3:08:11 PM
Data file:	C:\Chem32\1\Data\23Sep25\5.D	Analyst:	Canonico <i>EC</i>

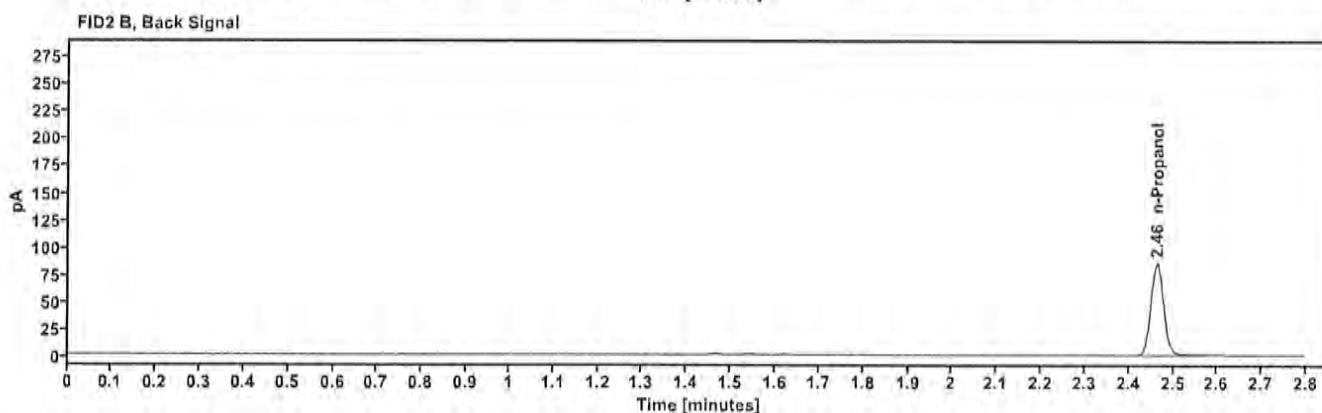
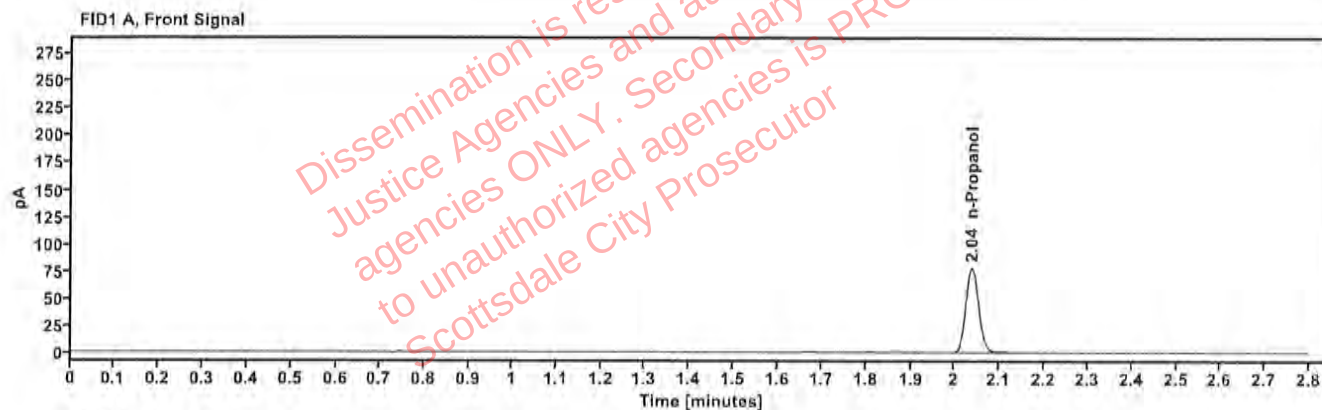


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.038	156.636

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.464	170.014

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 3:12:12 PM
Data file:	C:\Chem32\1\Data\23Sep25\6.D	Analyst:	Canonico <i>EC</i>

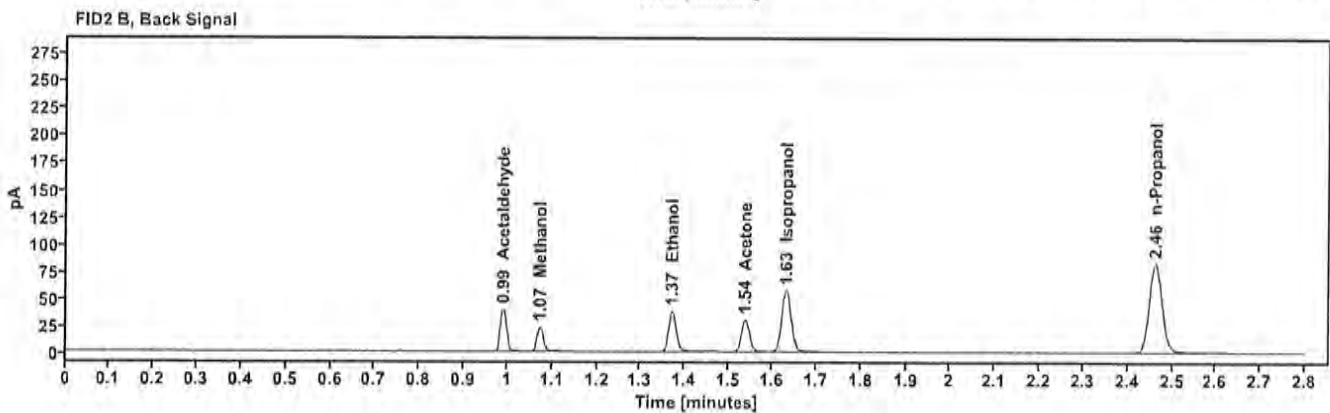
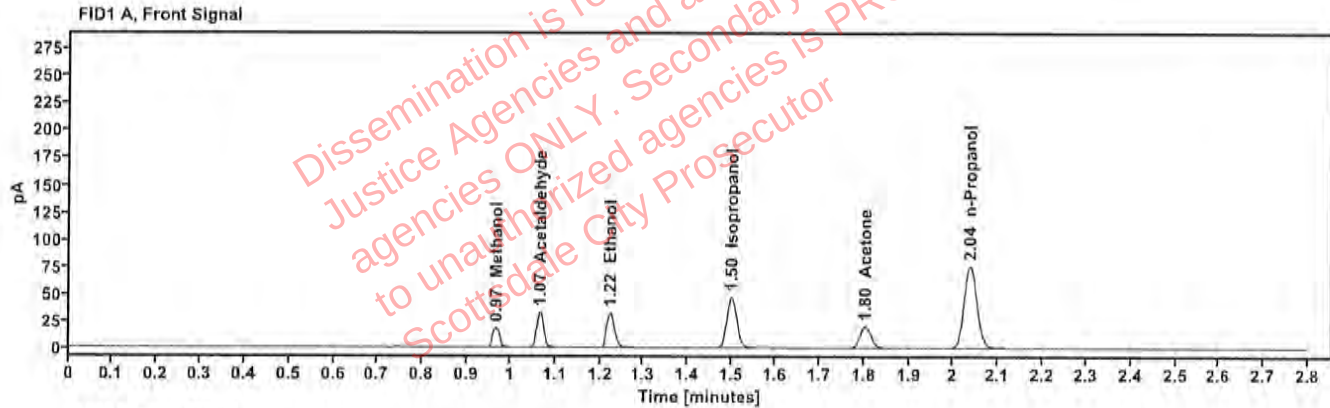


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.966	20.971
Acetaldehyde	-----	1.066	36.392
>Ethanol	0.0712	1.223	41.303
Isopropanol	-----	1.499	75.801
Acetone	-----	1.803	35.303
n-Propanol	-----	2.037	152.333

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.989	40.782
Methanol	1.072	23.280
Ethanol	1.371	45.494
Acetone	1.538	39.072
Isopropanol	1.632	83.785
n-Propanol	2.462	165.097

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 3:16:27 PM
Data file:	C:\Chem32\1\Data\23Sep25\7.D	Analyst:	Canonico <i>EC</i>

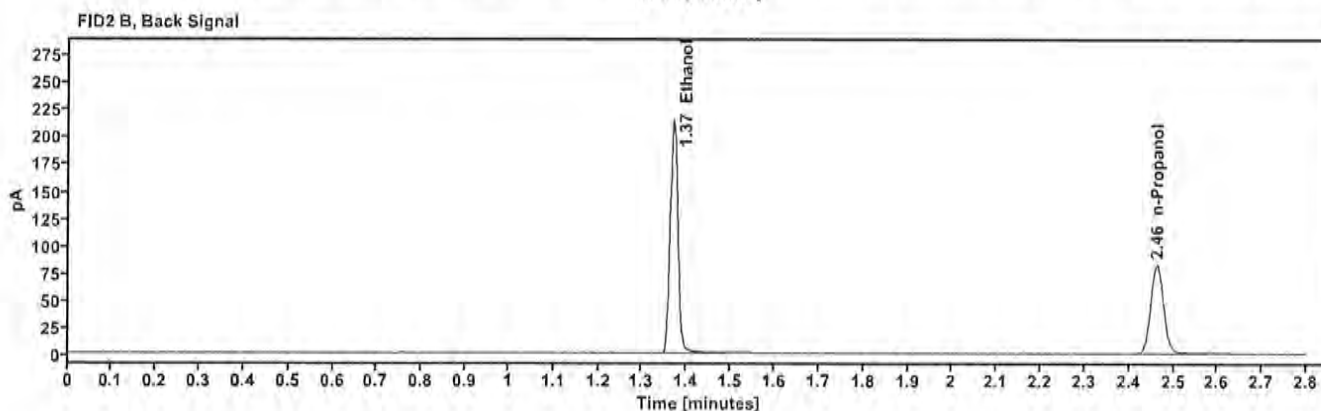
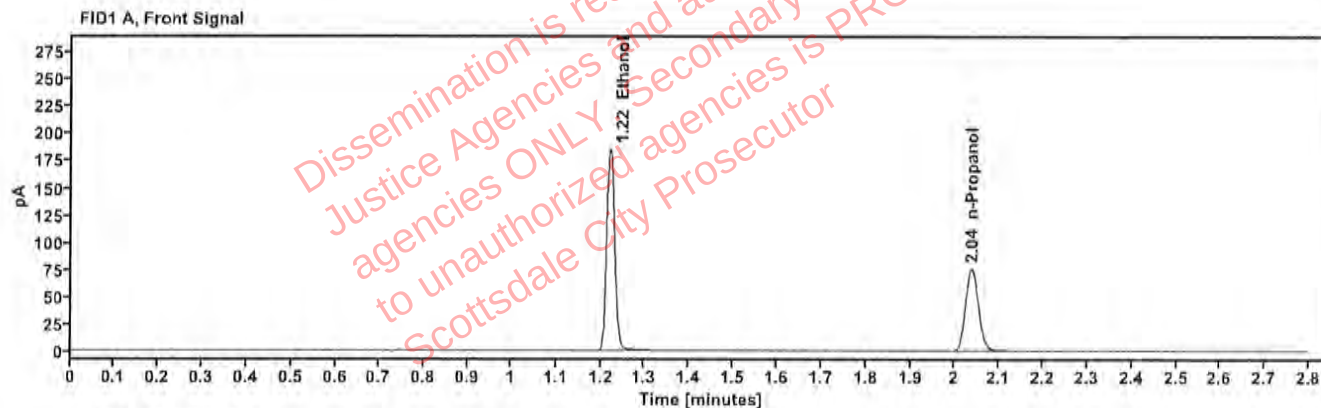


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4006	1.221	236.784
n-Propanol	-----	2.037	152.322

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.370	261.259
n-Propanol	2.462	165.233

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 3:20:26 PM
Data file:	C:\Chem32\1\Data\23Sep25\8.D	Analyst:	Canonico <i>RC</i>

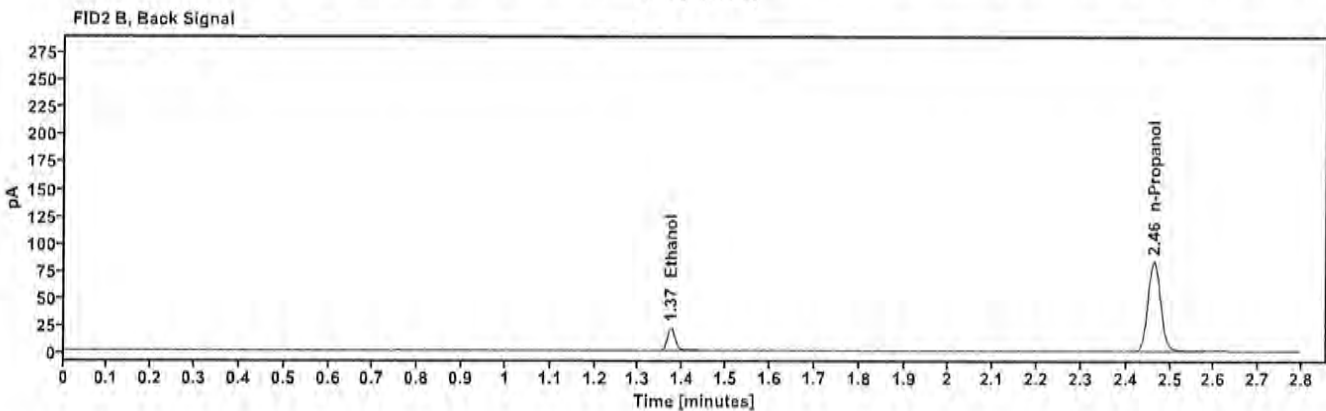
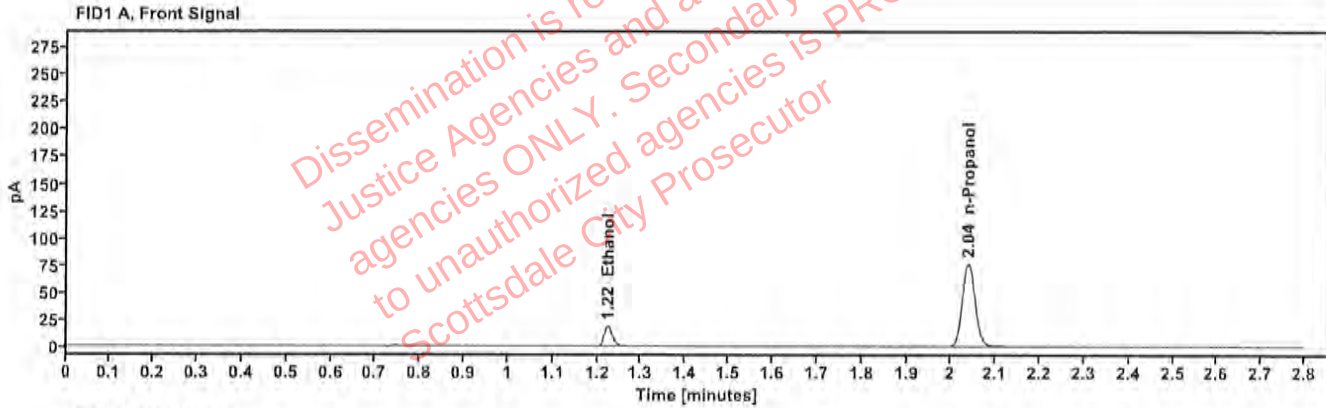


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0415	1.224	23.883
n-Propanol	-----	2.038	153.858

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.372	26.015
n-Propanol	2.463	166.636

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	Vial:	9
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 3:24:27 PM
Data file:	C:\Chem32\1\Data\23Sep25\9.D	Analyst:	Canonico <i>EC</i>

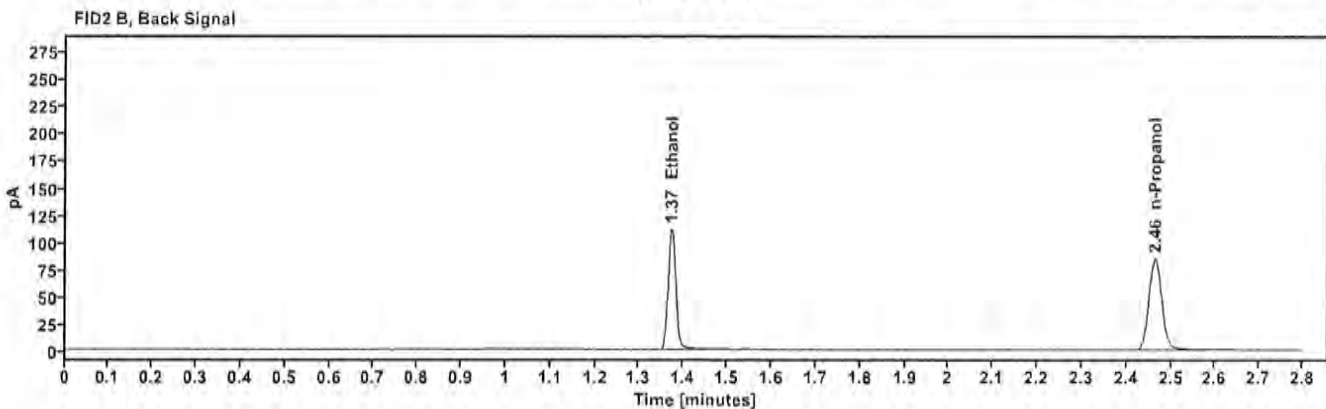
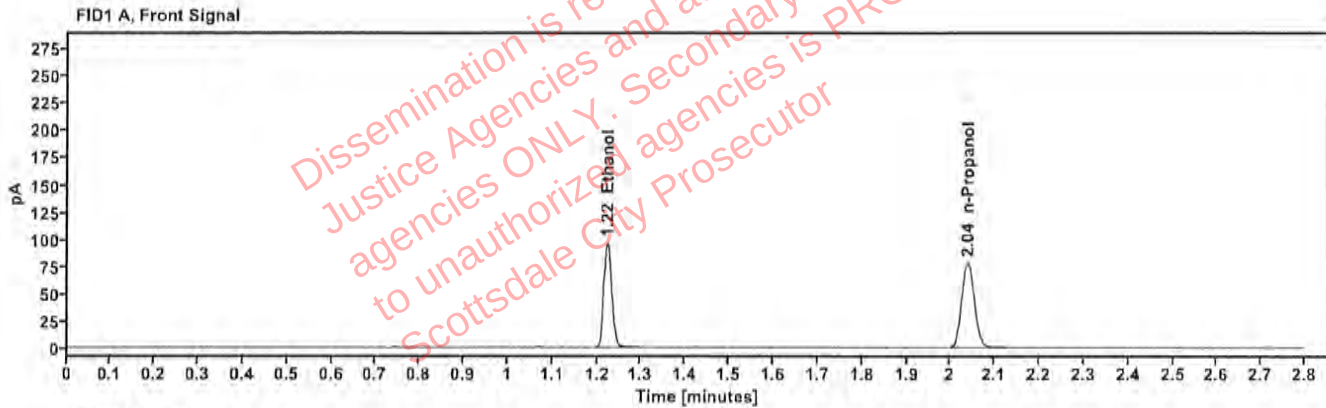


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2034	1.223	122.917
n-Propanol		2.039	156.327

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.373	134.361
n-Propanol	2.465	169.536

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1455120	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 4:08:57 PM
Data file:	C:\Chem32\1\Data\23Sep25\20.D	Analyst:	Canonico <i>EC</i>

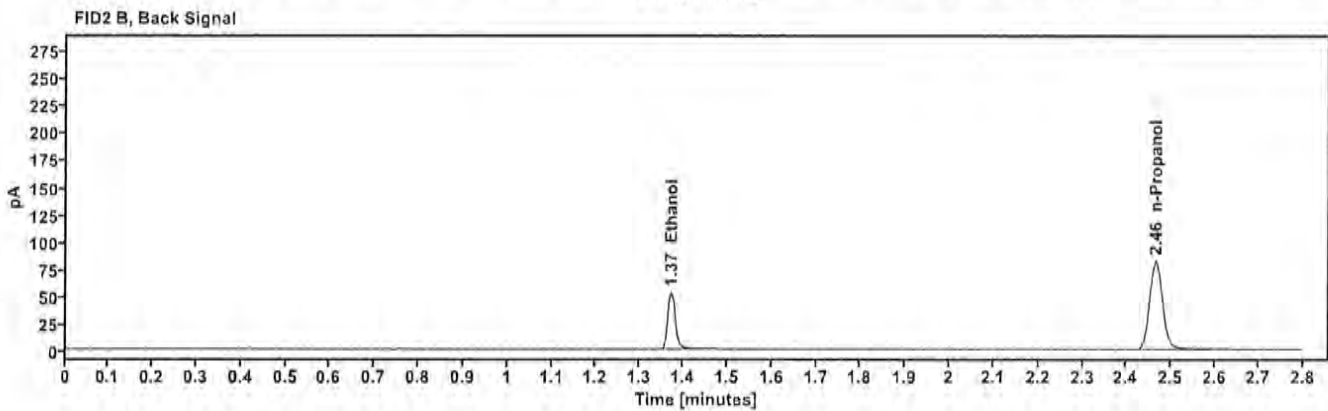
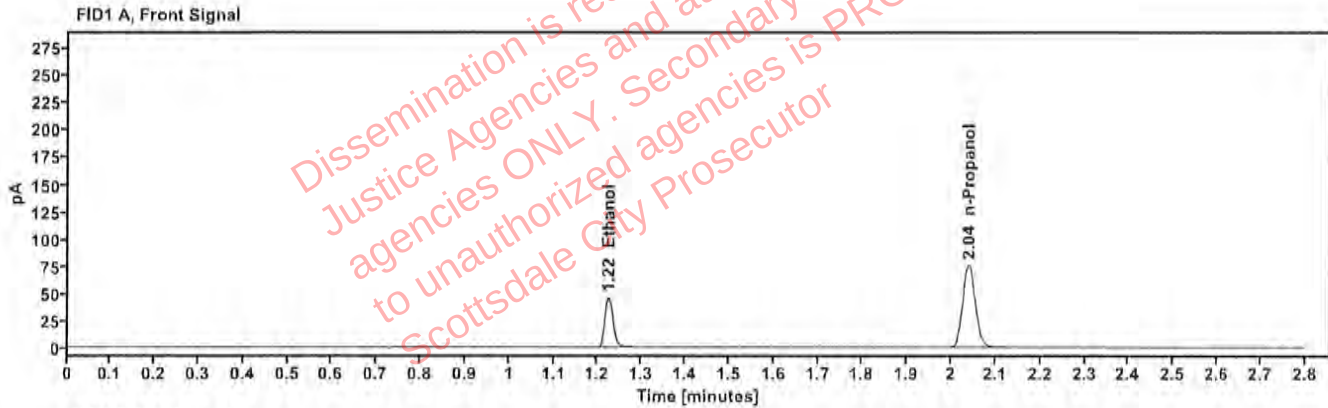


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1010	1.223	58.757
n-Propanol	—	2.039	151.820

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.372	63.996
n-Propanol	2.465	164.602

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1455120	Vial:	31
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 4:53:26 PM
Data file:	C:\Chem32\1\Data\23Sep25\31.D	Analyst:	Canonico EC

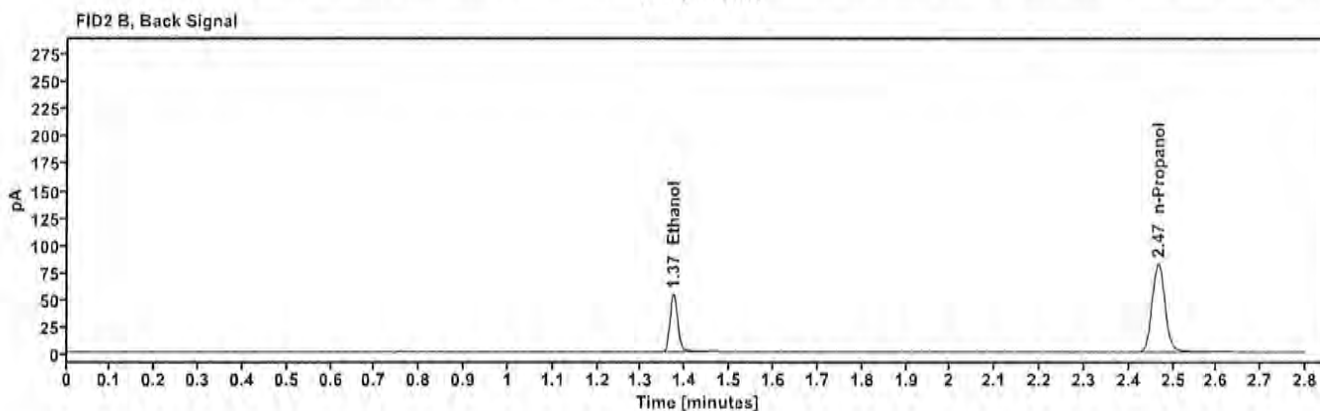
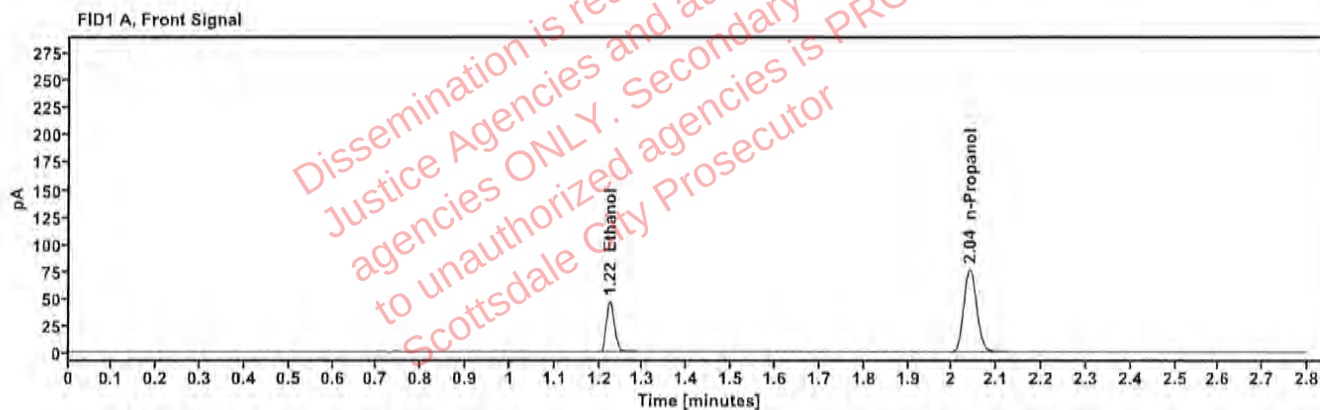


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1013	1.224	59.320
n-Propanol	---	2.040	152.817

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.373	64.871
n-Propanol	2.466	165.384

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 5:37:41 PM
Data file:	C:\Chem32\1\Data\23Sep25\42.D	Analyst:	Canonico <i>EC</i>

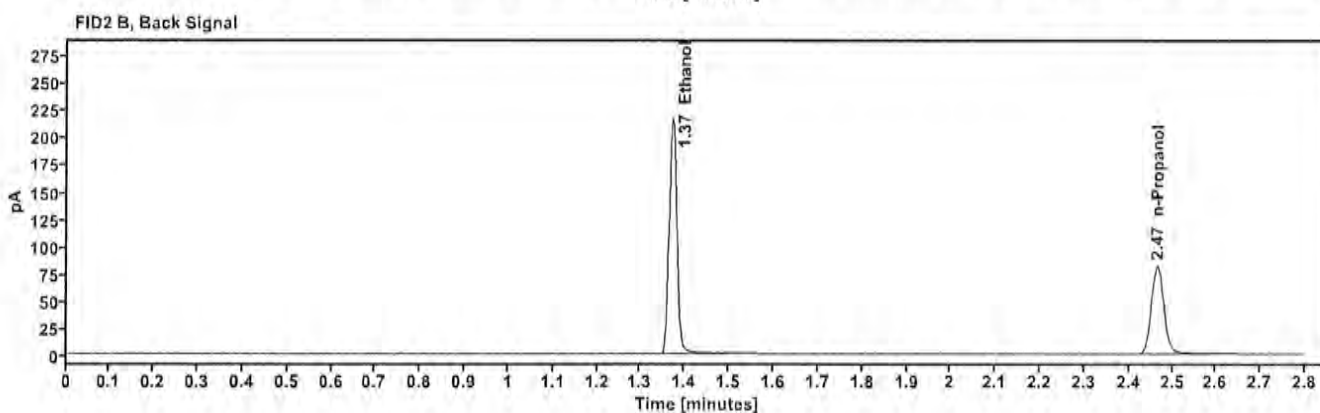
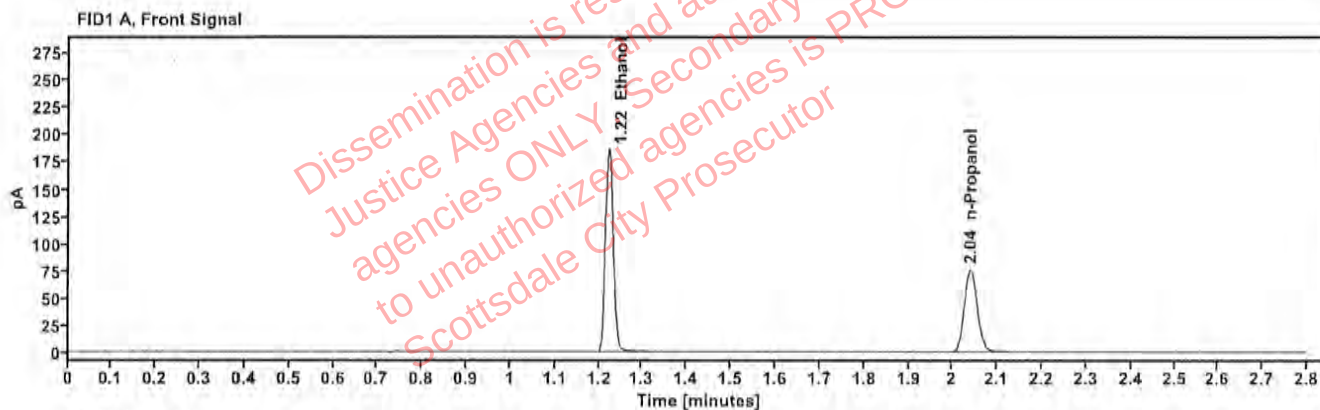


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4025	1.222	237.694
n-Propanol	—	2.040	152.190

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.372	262.246
n-Propanol	2.465	164.902

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 5:41:57 PM
Data file:	C:\Chem32\1\Data\23Sep25\43.D	Analyst:	Canonico <i>EC</i>

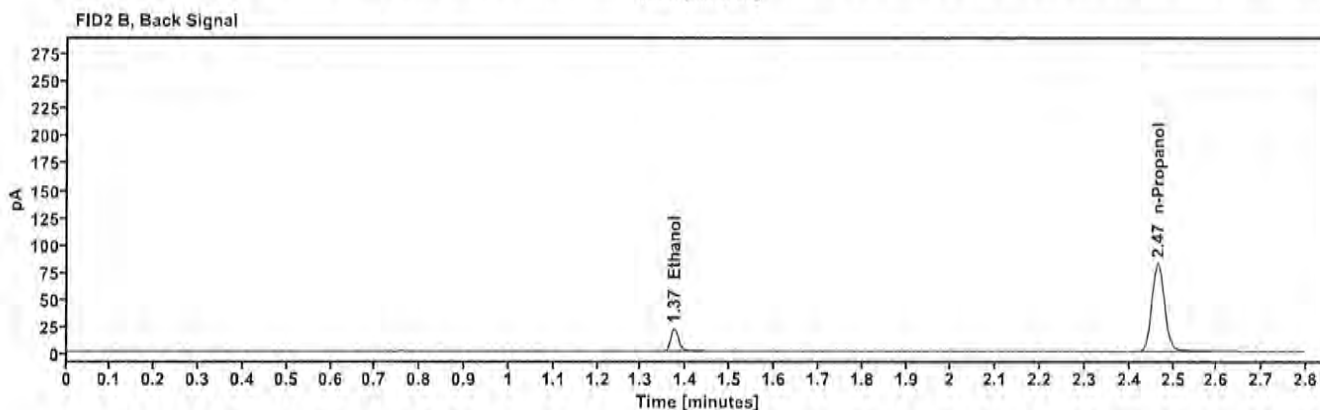
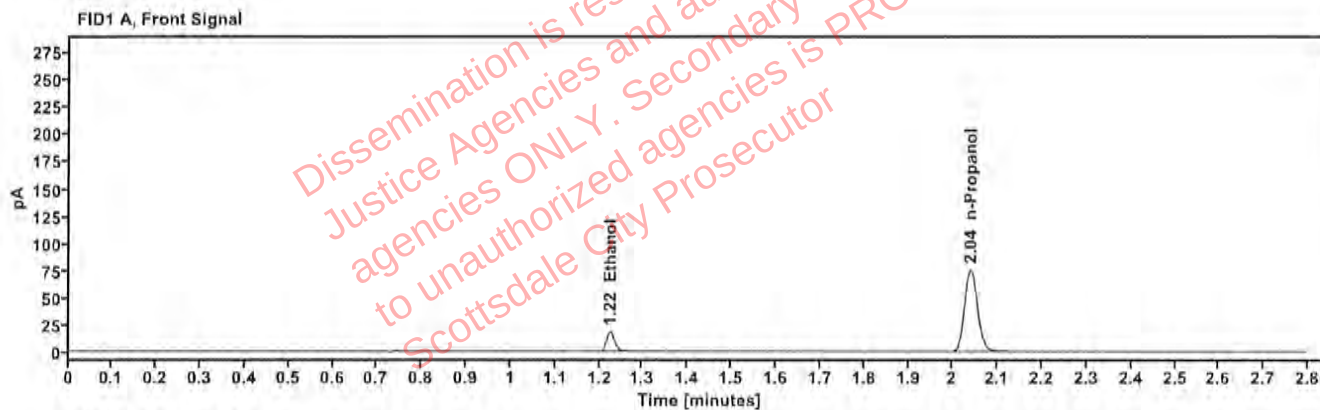


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0413	1.225	23.466
n-Propanol	-----	2.039	151.761

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.373	25.537
n-Propanol	2.465	164.606

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	Vial:	44
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 5:45:56 PM
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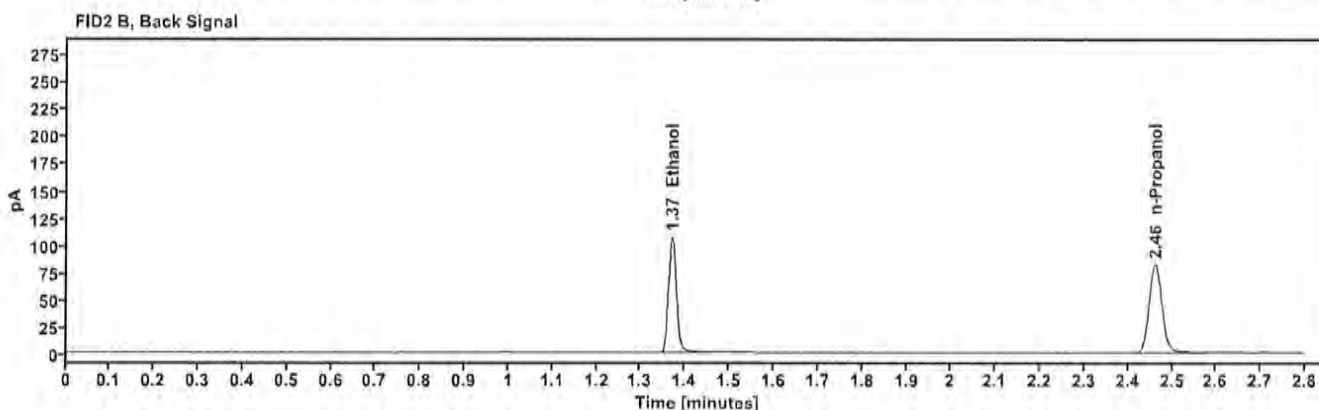
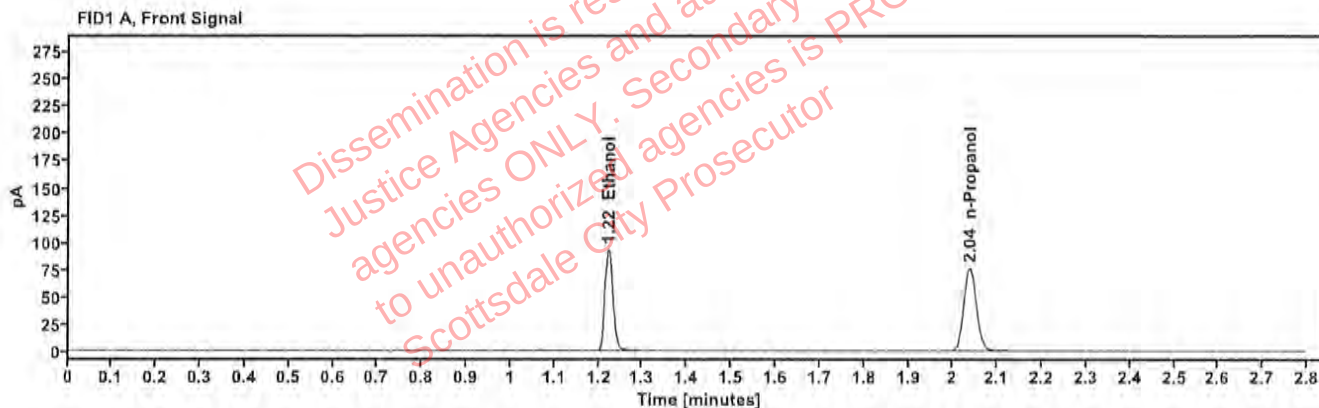


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2010	1.222	118.366
n-Propanol	---	2.037	152.360

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.371	129.604
n-Propanol	2.462	165.092

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	060925AQ	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 5:49:57 PM
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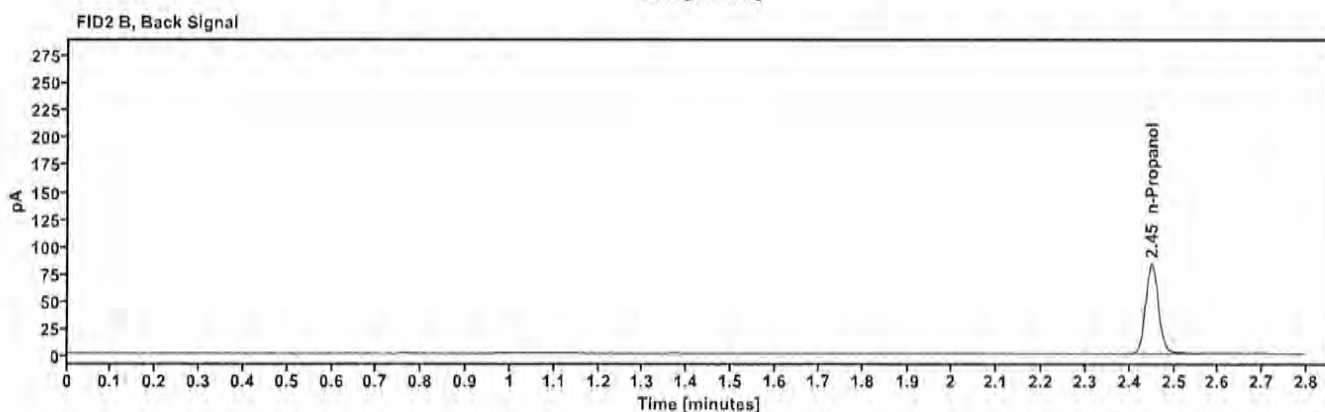


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.026	154,710

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.450	167,363

Sequence Summary

Page 1 of 1

Sequence name: 23Sep25

Instrument: US14173023 CN14160045

Analyst: Canonico

ee

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	0.020 calibrator	Calibration		ethanol quant.M
2	FN04042408	0.100 calibrator	Calibration		ethanol quant.M
3	FN03132302	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	111224WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	12052023-B	0.400	Control		ethanol quant.M
8	518018	0.040	Control		ethanol quant.M
9	4130622206/10	0.203	Control		ethanol quant.M
10	2513967-2	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
11	2513967-2		Sample		ethanol quant.M
12	2517401-2		Sample		ethanol quant.M
13	2517401-2		Sample		ethanol quant.M
14	2517462-1		Sample		ethanol quant.M
15	2517462-1		Sample		ethanol quant.M
16	2517817-2		Sample		ethanol quant.M
17	2517817-2		Sample		ethanol quant.M
18	2517949-1		Sample		ethanol quant.M
19	2517949-1		Sample		ethanol quant.M
20	C1455120	0.100	Control		ethanol quant.M
21	2517911-1	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
22	2517911-1		Sample		ethanol quant.M
23	2509309-2		Sample		ethanol quant.M
24	2509309-2		Sample		ethanol quant.M
25	2518202-1		Sample		ethanol quant.M
26	2518202-1		Sample		ethanol quant.M
27	2517818-1		Sample		ethanol quant.M
28	2517818-1		Sample		ethanol quant.M
29	2517917-2		Sample		ethanol quant.M
30	2517917-2		Sample		ethanol quant.M
31	C1455120	0.100	Control		ethanol quant.M
32	2516533-3	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
33	2516533-3		Sample		ethanol quant.M
34	2518344-1		Sample		ethanol quant.M
35	2518344-1		Sample		ethanol quant.M
36	2518396-4		Sample		ethanol quant.M
37	2518396-4		Sample		ethanol quant.M
38	2518624-1		Sample		ethanol quant.M
39	2518624-1		Sample		ethanol quant.M
40	2505562-2		Sample		ethanol quant.M
41	2505562-2		Sample		ethanol quant.M
42	12052023-B	0.400	Control		ethanol quant.M
43	518018	0.040	Control		ethanol quant.M
44	4130622206/10	0.203	Control		ethanol quant.M
45	060925AQ	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory

Summary of Cases

SEQUENCE NAME: 23Sep25

ANALYST: Canonico

82

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1317	0.1326	0.13215	0.34	0.00045
12 13	0.1309	0.1319	0.13140	0.38	0.00050
14 15	0.2102	0.2126	0.21140	0.57	0.00120
16 17	0.0745	0.0741	0.07430	0.27	0.00020
18 19	0.1799	0.1797	0.17980	0.06	0.00010
21 22	0.1545	0.1565	0.15550	0.64	0.00100
23 24	0.1243	0.1246	0.12445	0.12	0.00015
25 26	0.1893	0.1894	0.18935	0.03	0.00005
27 28	0.1626	0.1622	0.16240	0.12	0.00020
29 30	0.1486	0.1493	0.14895	0.23	0.00035
32 33	0.1992	0.1986	0.19890	0.15	0.00030
34 35	0.1122	0.1125	0.11235	0.13	0.00015
36 37	0.2987	0.2988	0.29875	0.02	0.00005
38 39	0.1019	0.1013	0.10160	0.30	0.00030
40 41	0.1310	0.1314	0.13120	0.15	0.00020

*Calculated differences are differences from the mean of the two results.

Scottsdale Forensic Lab

Blood Alcohol Pipetting Log

ANALYST: Canonico

SEQUENCE: 23Sep25 EQ

32

[illegible]

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513967-2	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 3:28:27 PM
Data file:	C:\Chem32\1\Data\23Sep25\10.D	Analyst:	Canonico

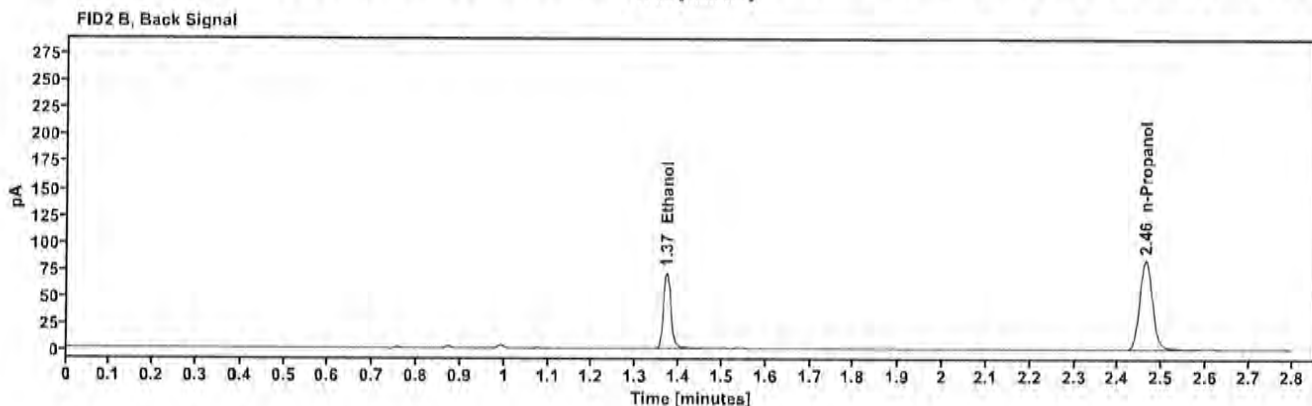
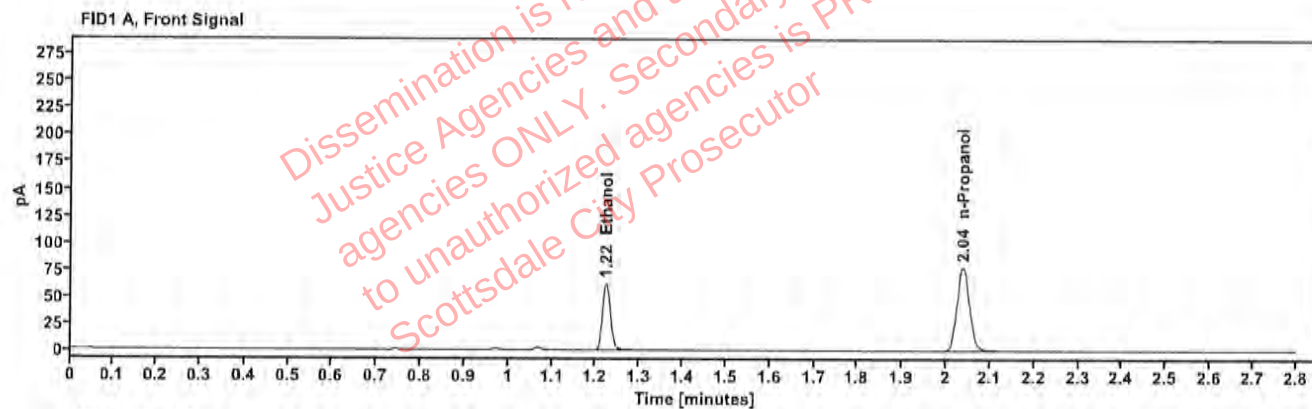


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1317	1.222	78.706
n-Propanol	—	2.038	155.366

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.371	86.013
n-Propanol	2.463	168.487

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513967-2	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 3:32:27 PM
Data file:	C:\Chem32\11\Data\23Sep25\11.D	Analyst:	Canonico

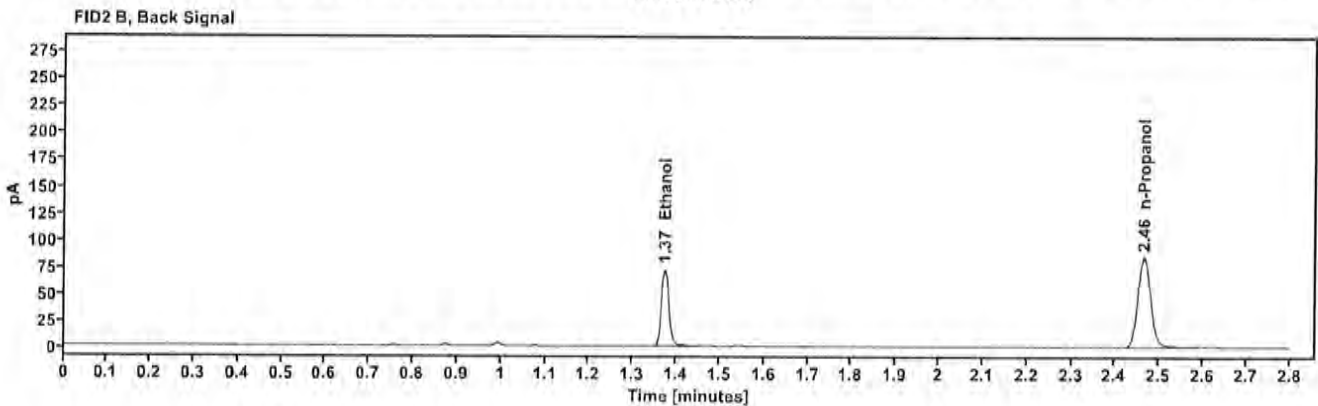
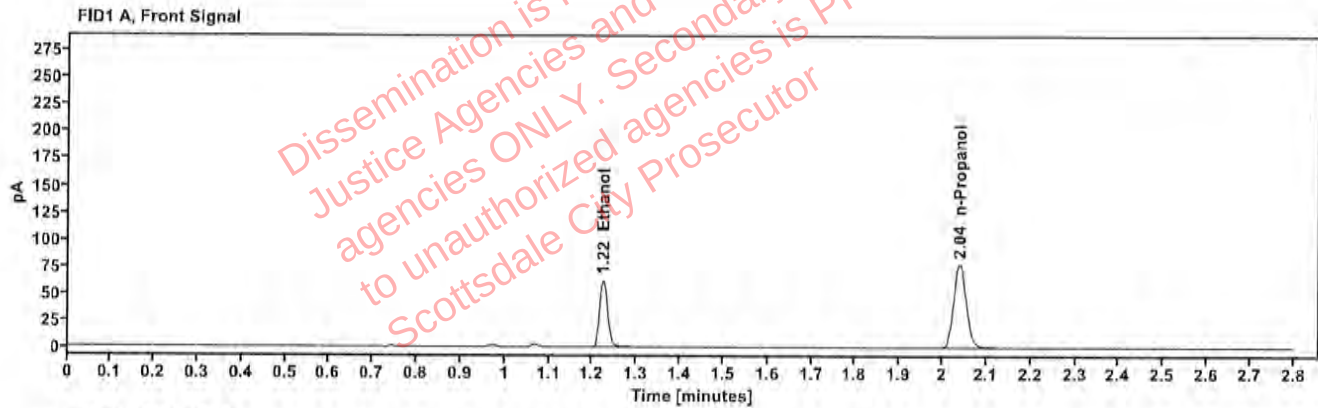


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1326	1.223	79.478
n-Propanol	—	2.039	155.721

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.373	86.766
n-Propanol	2.465	168.758

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517401-2	Vial:	12
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 3:36:26 PM
Data file:	C:\Chem32\1\Data\23Sep25\12.D	Analyst:	Canonico

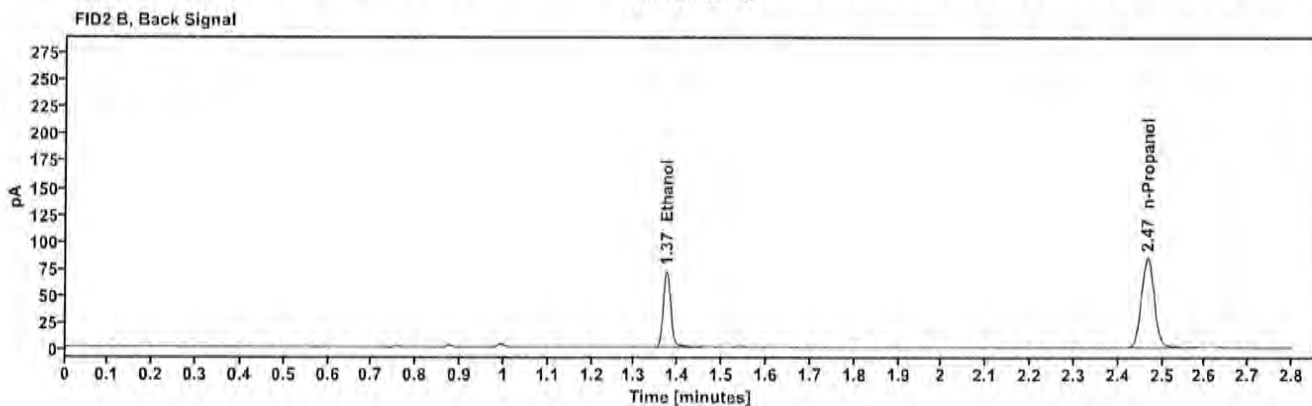
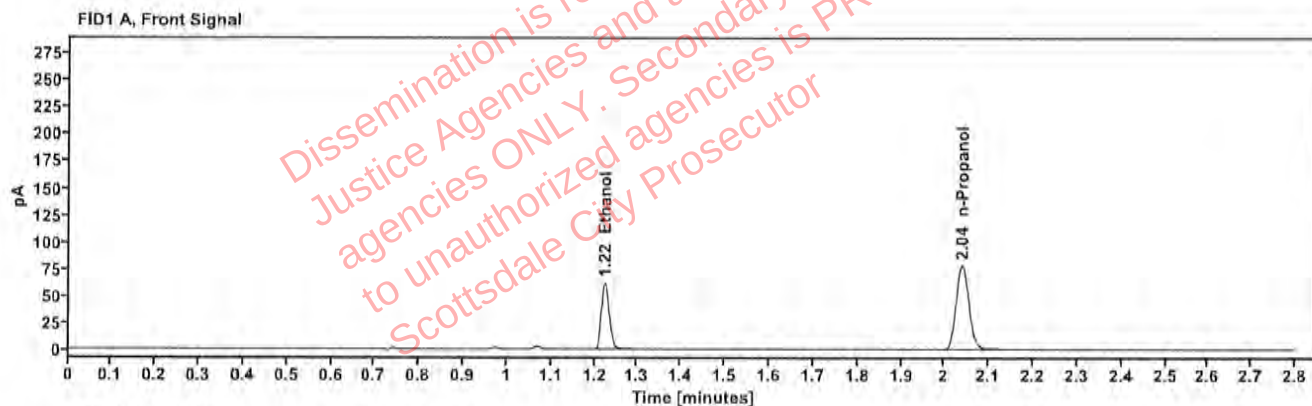


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1309	1.224	78.920
n-Propanol		2.040	156.654

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.373	86.259
n-Propanol	2.466	169.523

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517401-2	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 3:40:42 PM
Data file:	C:\Chem32\1\Data\23Sep25\13.D	Analyst:	Canonico

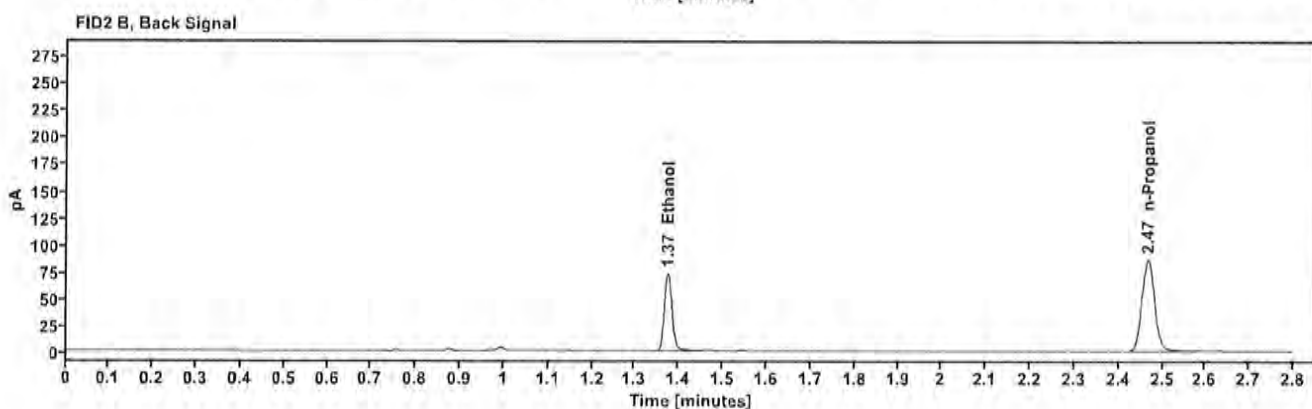
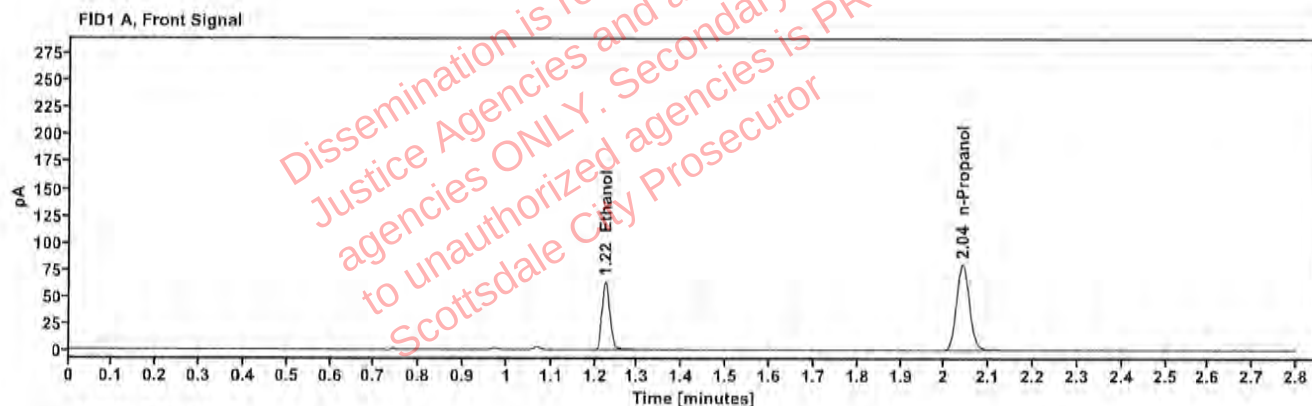


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1319	1.225	81.146
n-Propanol	—	2.040	159.951

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	88.621
n-Propanol	2.467	173.259

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517462-1	Vial:	14
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 3:44:41 PM
Data file:	C:\Chem32\1\Data\23Sep25\14.D	Analyst:	Canonico

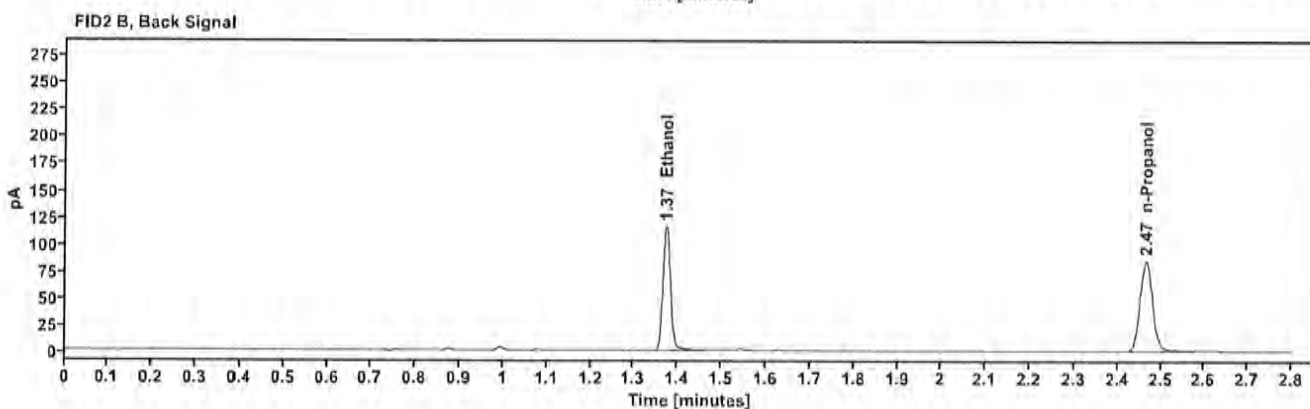
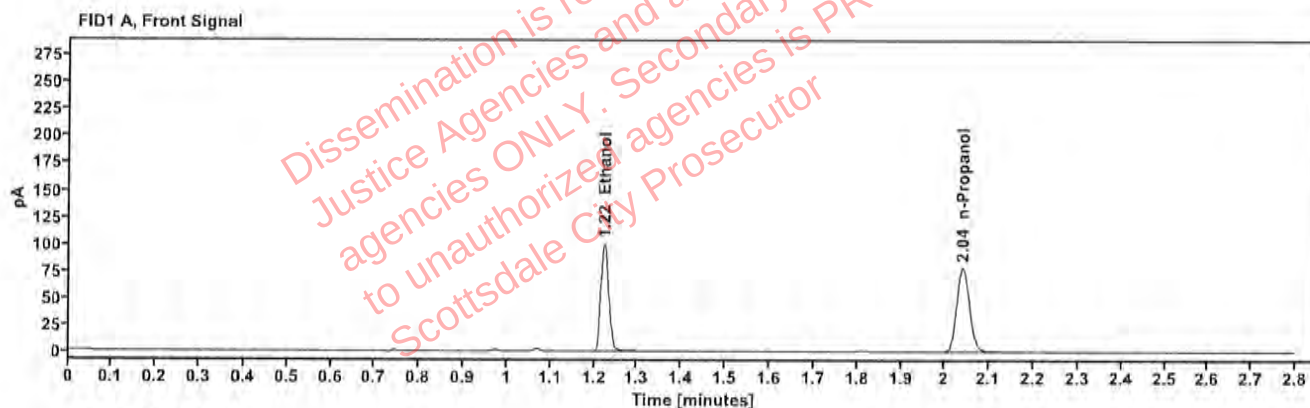


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2102	1.224	127.522
n-Propanol	—	2.040	156.915

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.373	139.704
n-Propanol	2.466	169.839

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517462-1	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 3:48:42 PM
Data file:	C:\Chem32\1\Data\23Sep25\15.D	Analyst:	Canonico

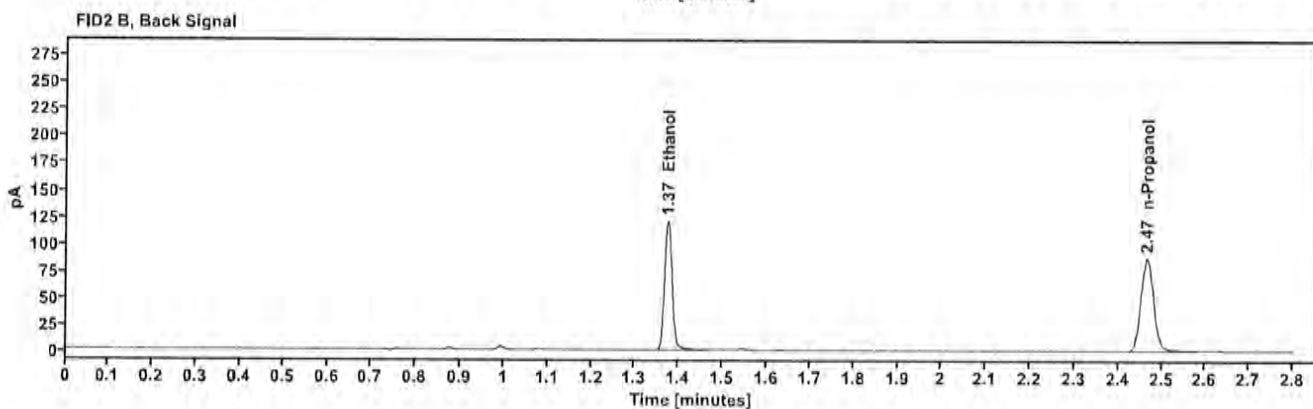
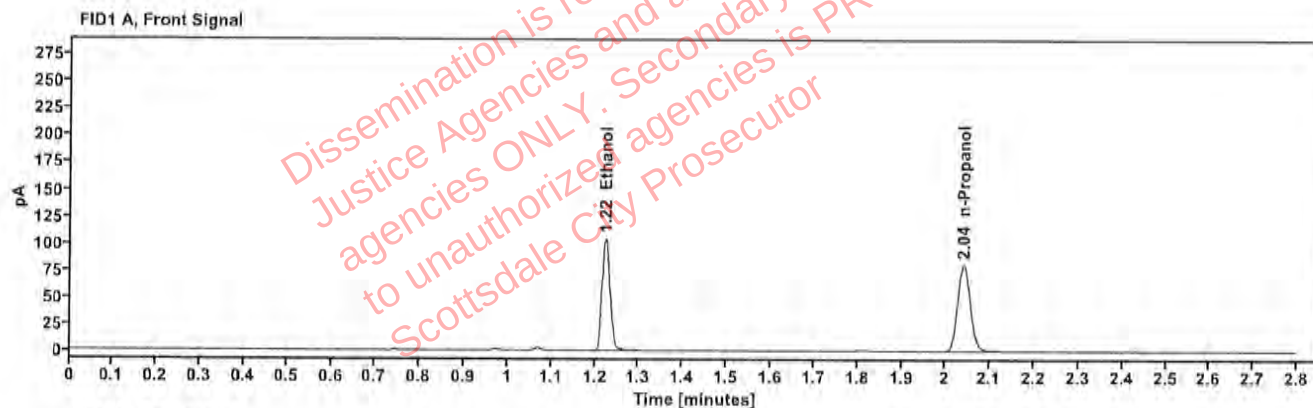


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2126	1.224	133.126
n-Propanol	—	2.040	161.935

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	146.012
n-Propanol	2.467	175.321

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517817-2	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 3:52:42 PM
Data file:	C:\Chem32\1\Data\23Sep25\16.D	Analyst:	Canonico

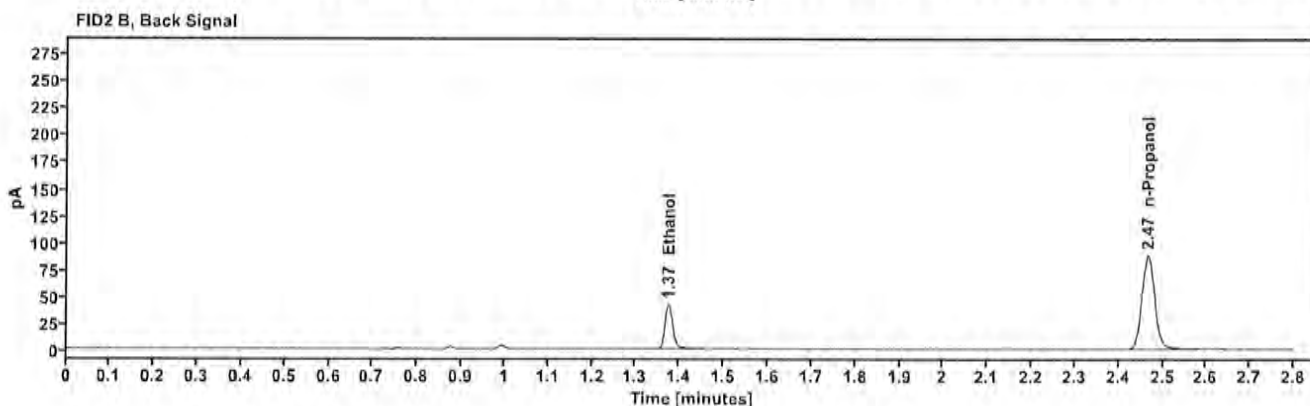
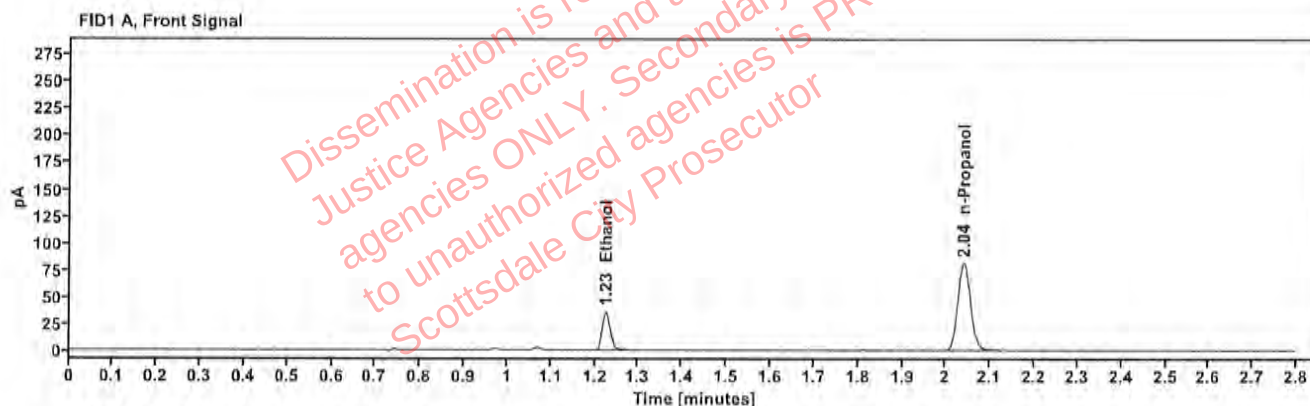


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0745	1.225	46.196
n-Propanol	—	2.040	162.735

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.375	50.317
n-Propanol	2.467	176.063

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517817-2	Vial:	17
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 3:56:41 PM
Data file:	C:\Chem32\1\Data\23Sep25\17.D	Analyst:	Canonico

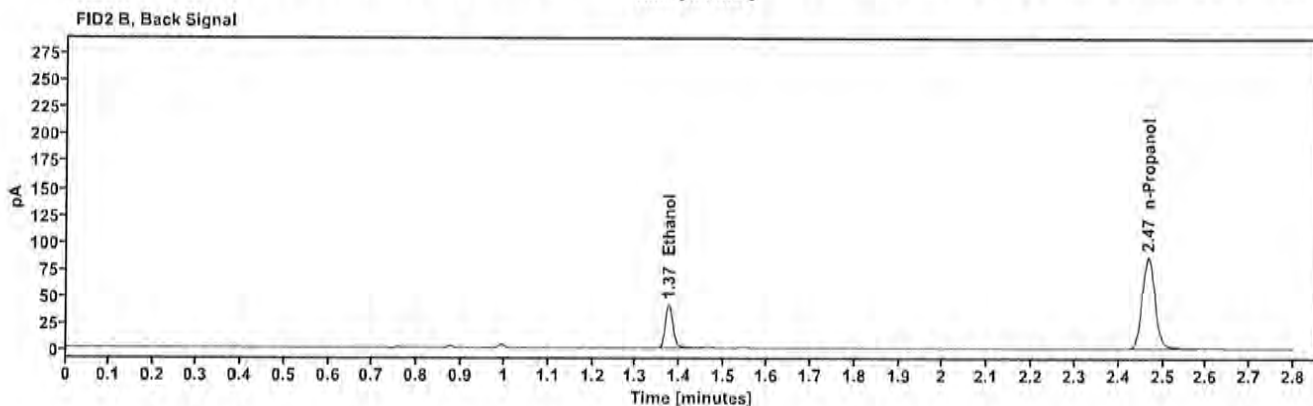
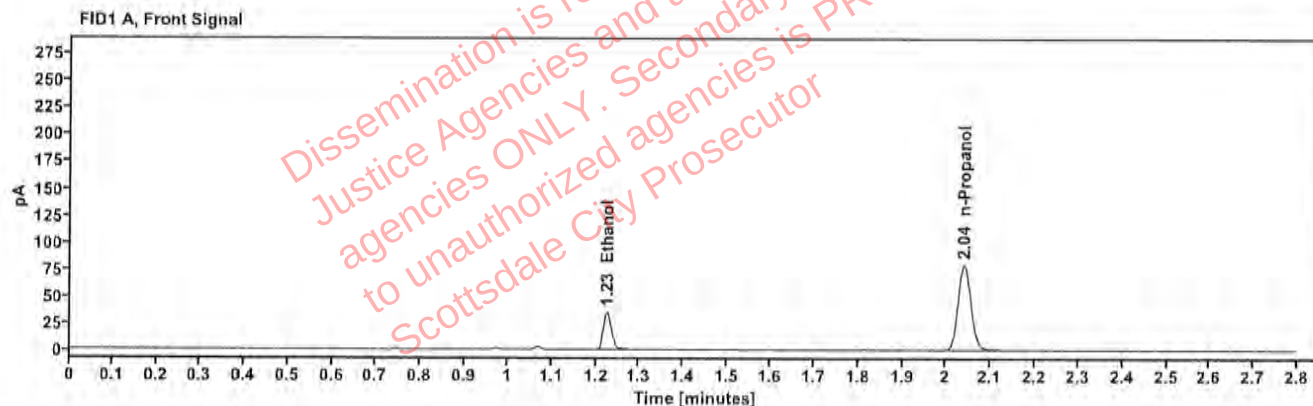


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0741	1.225	45.031
n-Propanol		2.040	159.495

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	49.006
n-Propanol	2.467	172.610

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517949-1	Vial:	18
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 4:00:42 PM
Data file:	C:\Chem32\1\Data\23Sep25\18.D	Analyst:	Canonico

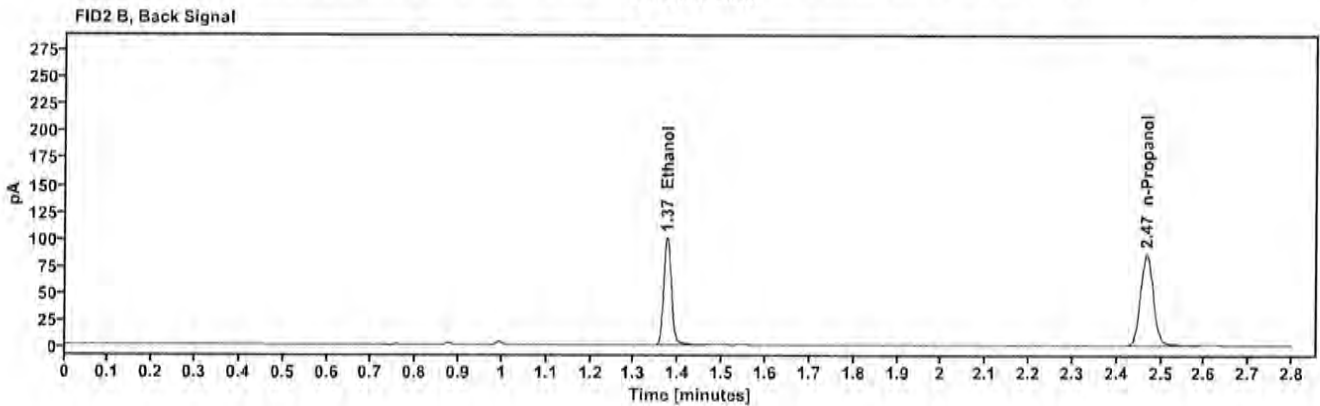
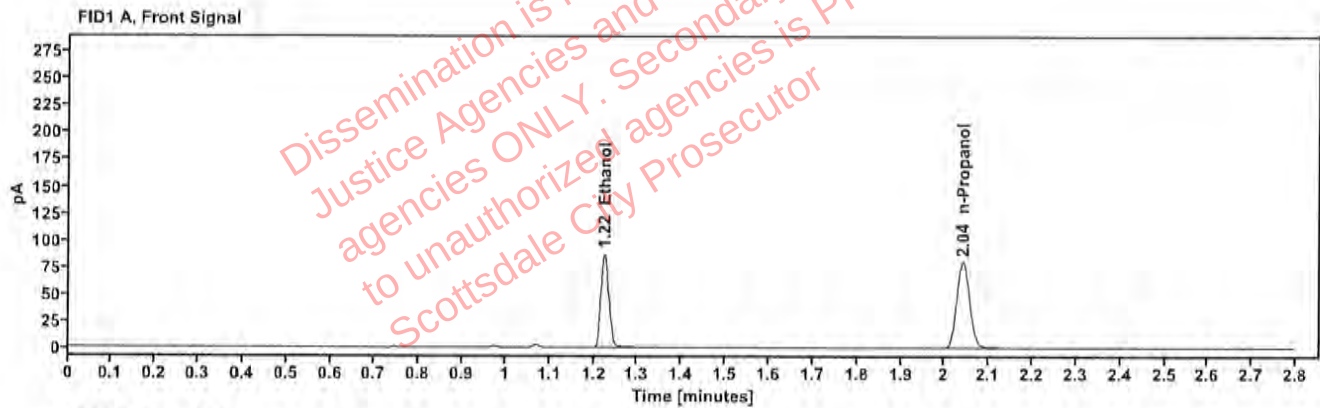


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1799	1.224	110.949
n-Propanol	—	2.041	159.718

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	121.618
n-Propanol	2.467	172.864

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517949-1	Vial:	19
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 4:04:56 PM
Data file:	C:\Chem32\11\Data\23Sep25\19.D	Analyst:	Canonico

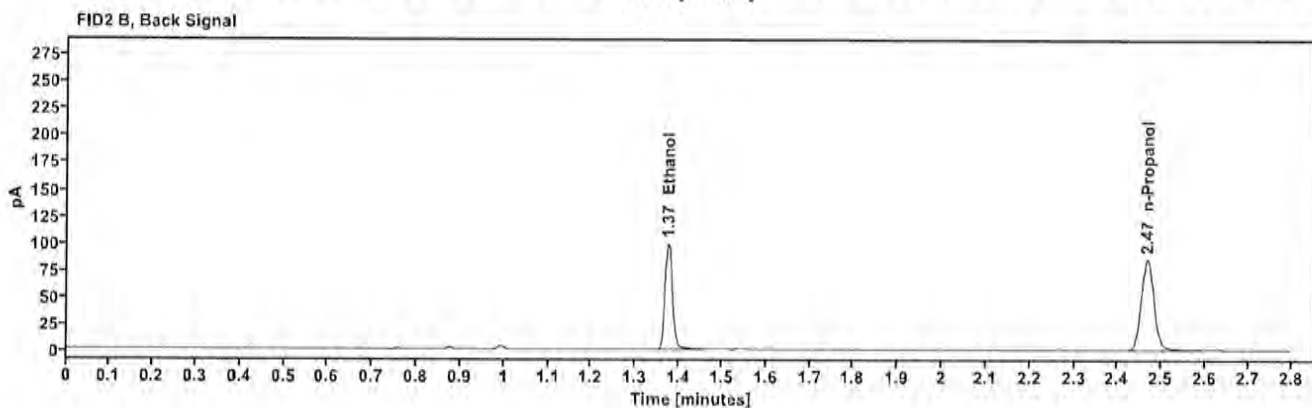
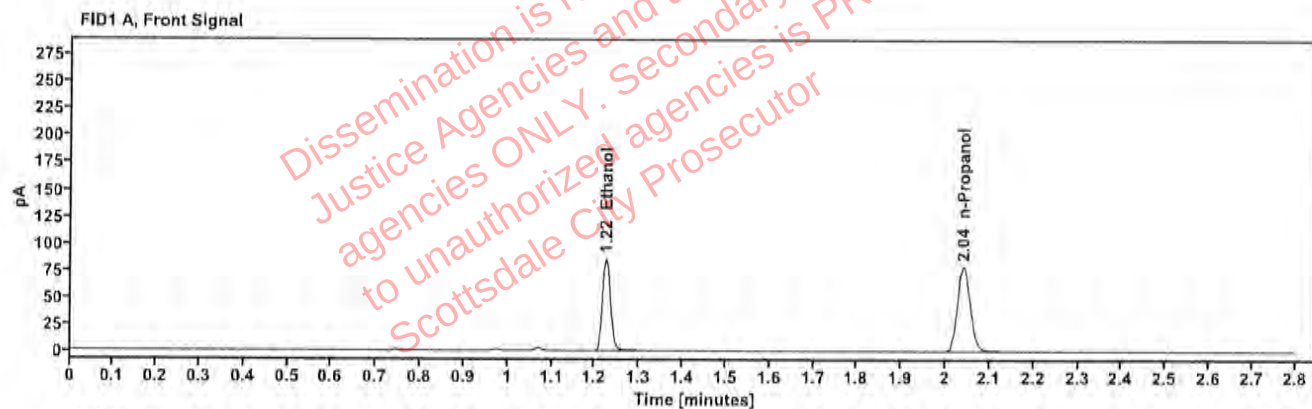


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1797	1.224	109.406
n-Propanol	—	2.041	157.696

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	119.692
n-Propanol	2.467	170.735

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517911-1	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 4:12:57 PM
Data file:	C:\Chem32\1\Data\23Sep25\21.D	Analyst:	Canonico

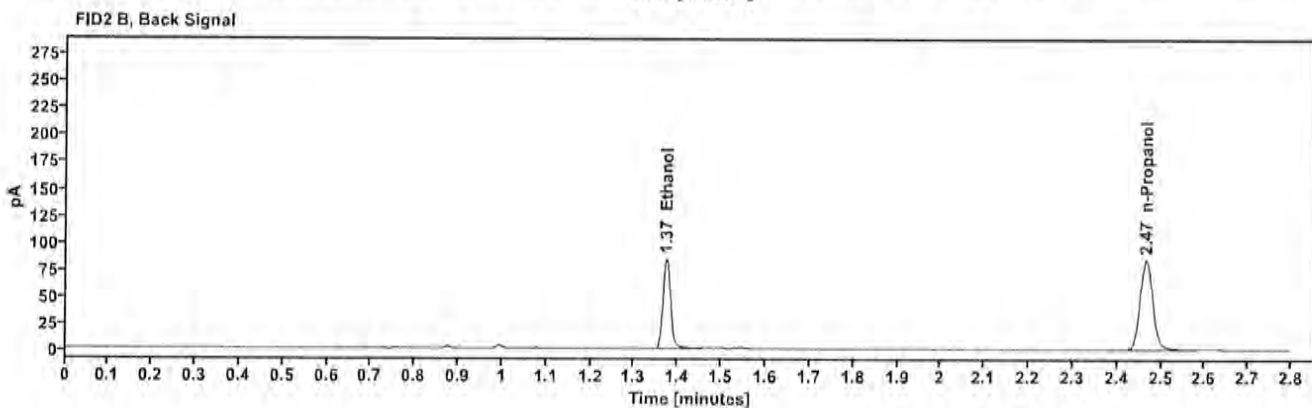
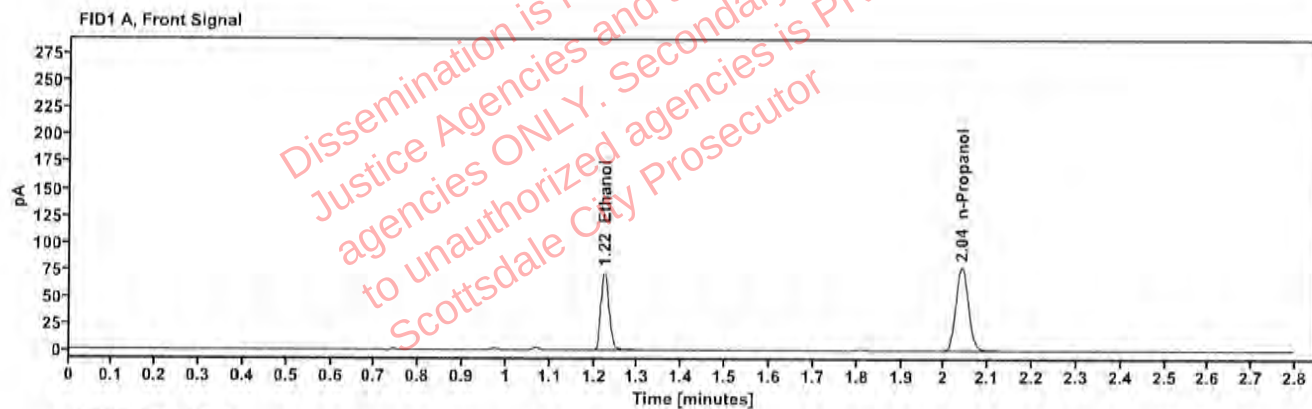


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1545	1.224	92.963
n-Propanol	—	2.040	156.087

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.373	101.612
n-Propanol	2.466	169.037

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517911-1	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 4:16:56 PM
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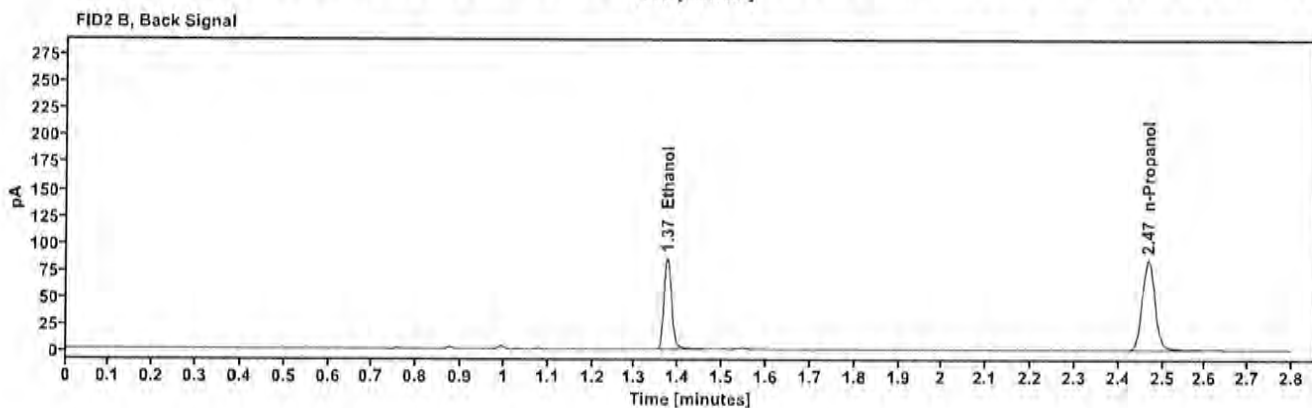
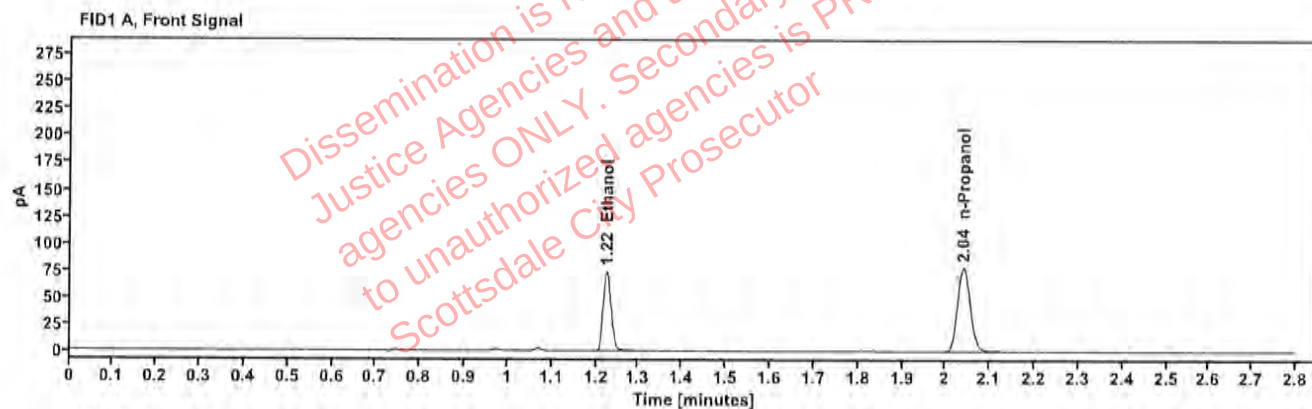


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1565	1.225	94.766
n-Propanol	—	2.041	157.028

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	103.453
n-Propanol	2.467	169.870

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509309-2	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 4:20:56 PM
Data file:	C:\Chem32\1\Data\23Sep25\23.D	Analyst:	Canonico

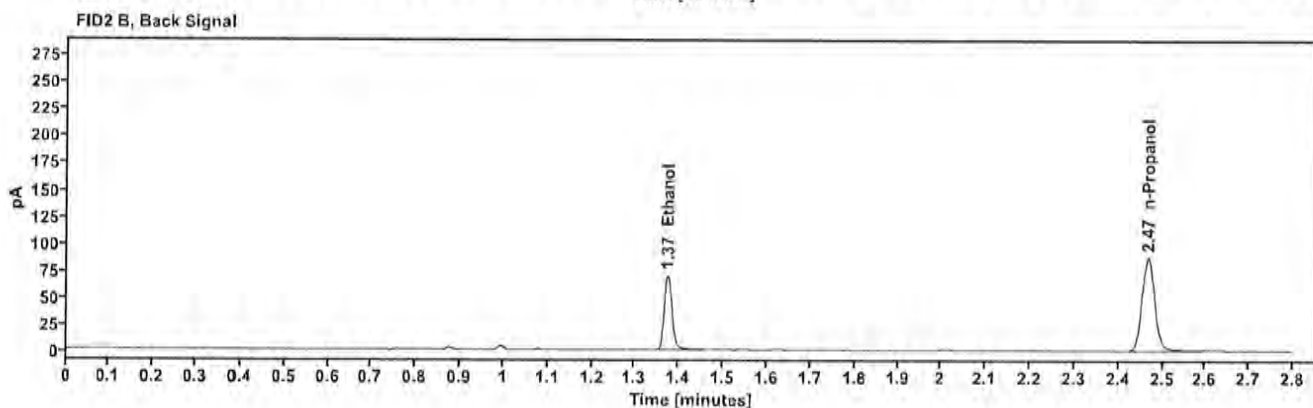
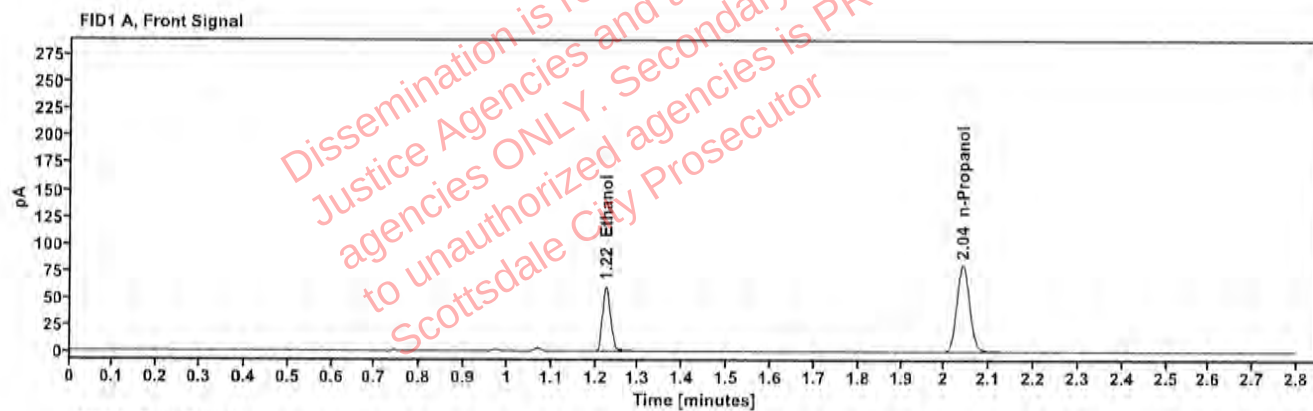


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1243	1.225	77.361
n-Propanol	—	2.041	161.884

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	84.382
n-Propanol	2.467	175.525

Case: User: ecanonico 9/24/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509309-2	Vial:	24
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 4:24:57 PM
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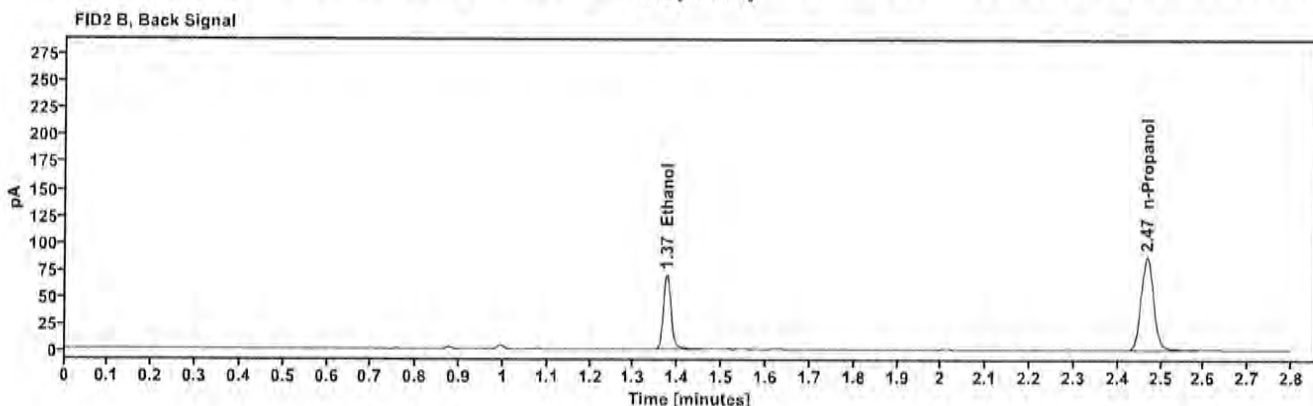
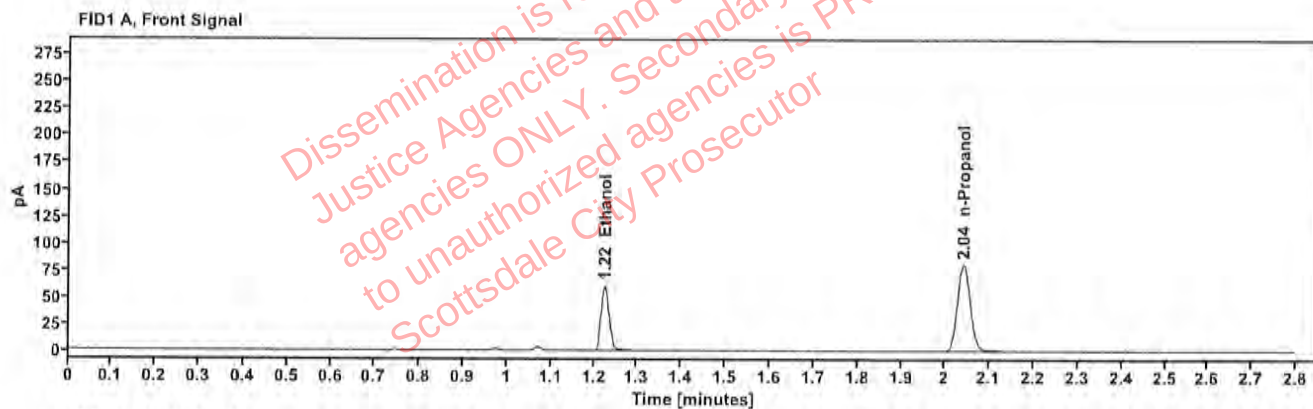


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1246	1.225	77.281
n-Propanol	—	2.041	161.302

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.375	84.201
n-Propanol	2.467	174.753

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518202-1	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 4:29:12 PM
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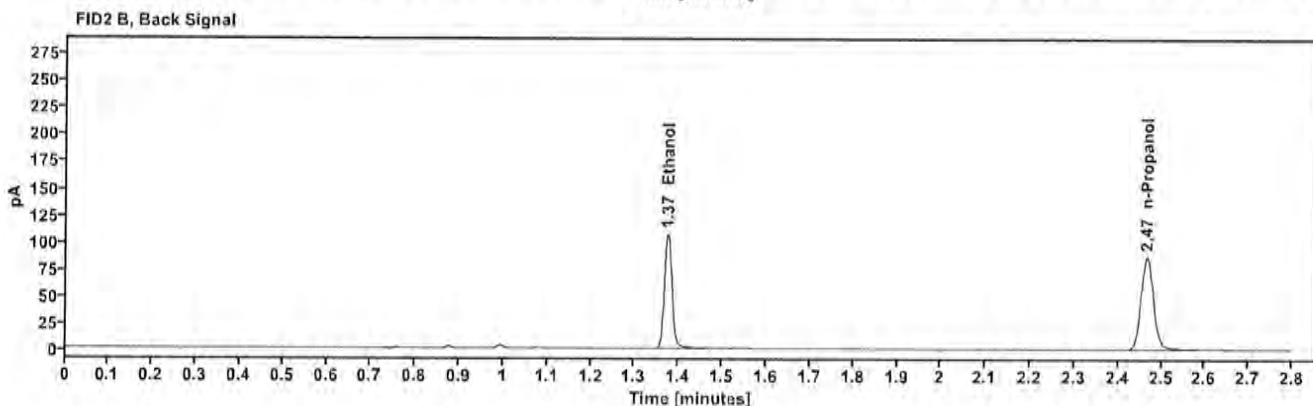
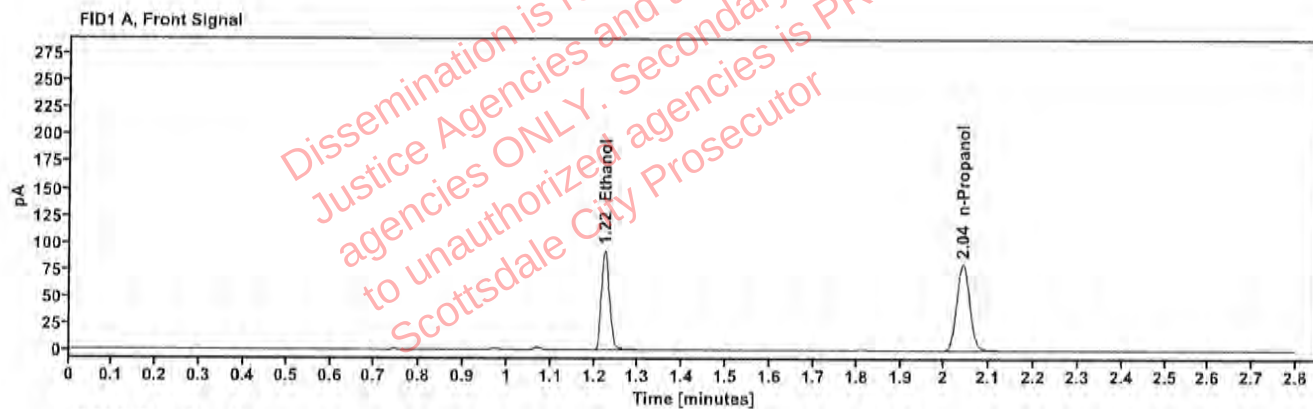


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1893	1.224	118.225
n-Propanol	—	2.041	161.720

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	129.613
n-Propanol	2.467	174.752

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518202-1	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 4:33:12 PM
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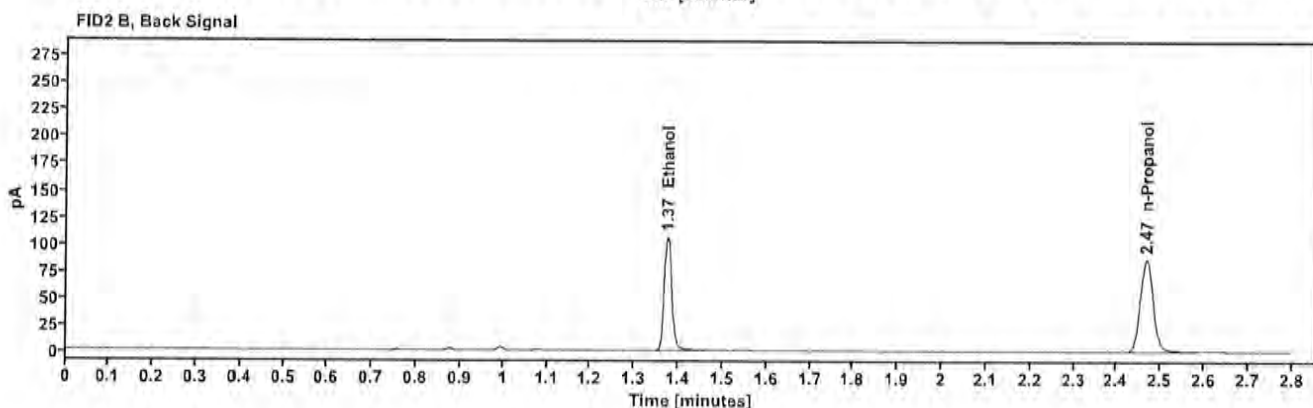
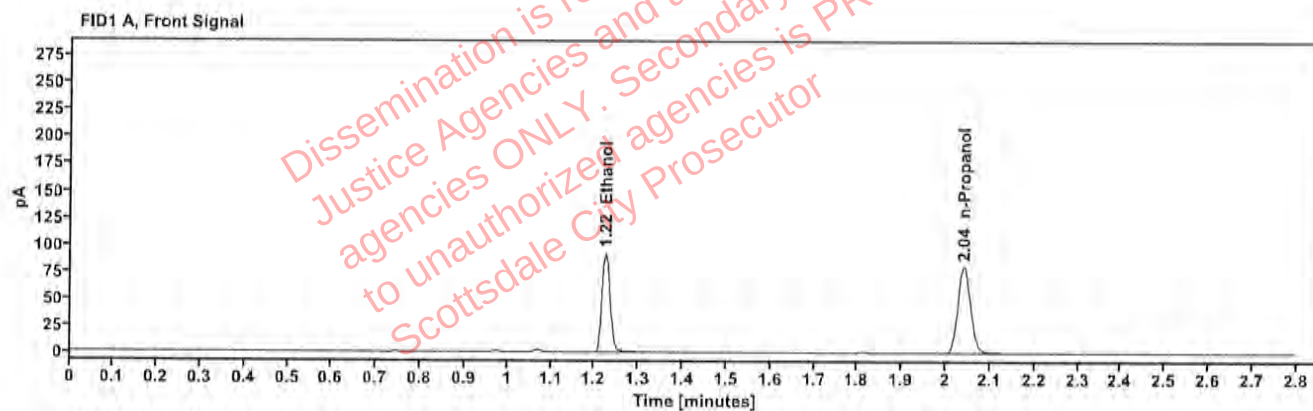


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1894	1.224	117.985
n-Propanol	—	2.041	161.271

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	129.260
n-Propanol	2.467	174.121

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517818-1	Vial:	27
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 4:37:11 PM
Data file:	C:\Chem32\1\Data\23Sep25\27.D	Analyst:	Canonico

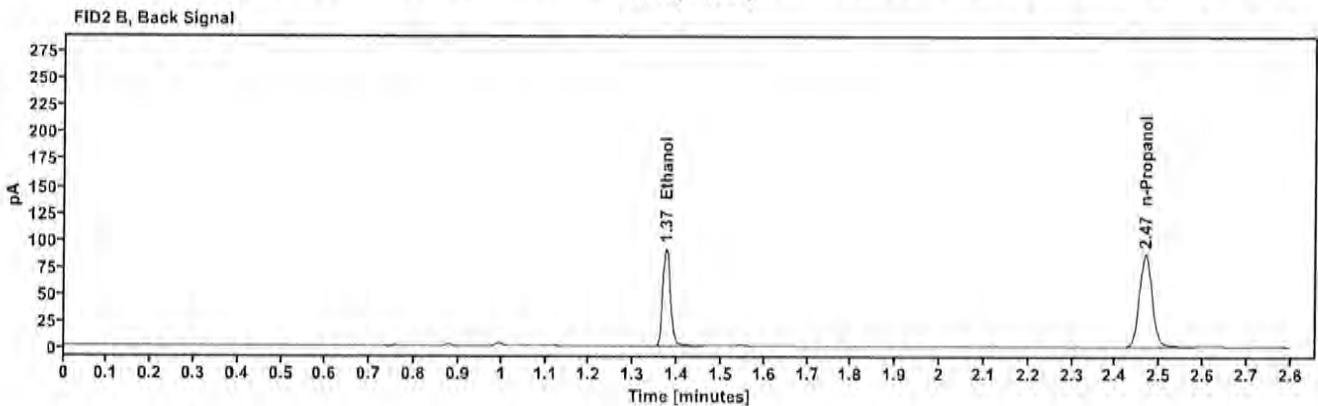
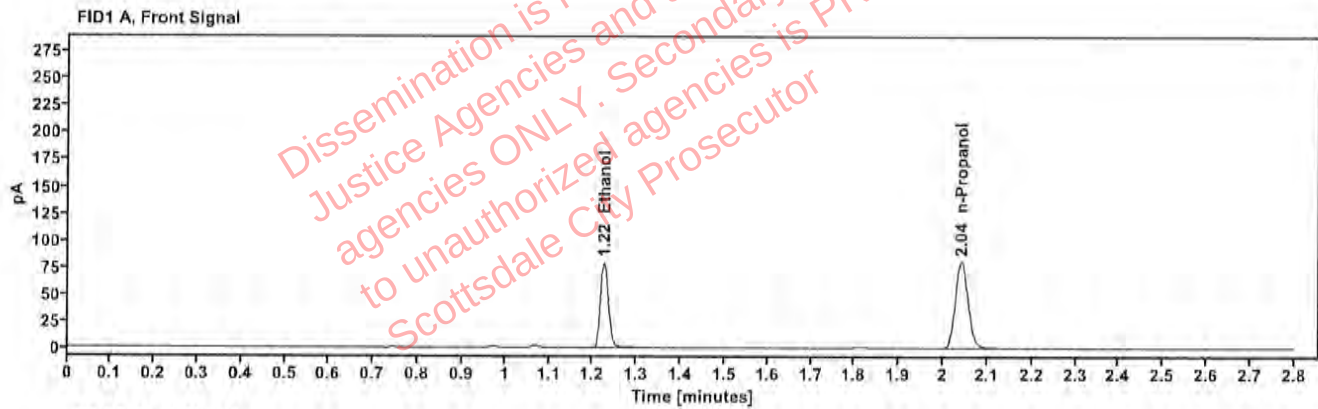


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1626	1.225	101.106
n-Propanol	—	2.041	161.180

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	110.731
n-Propanol	2.467	174.181

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517818-1	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 4:41:12 PM
Data file:	C:\Chem32\1\Data\23Sep25\28.D	Analyst:	Canonico

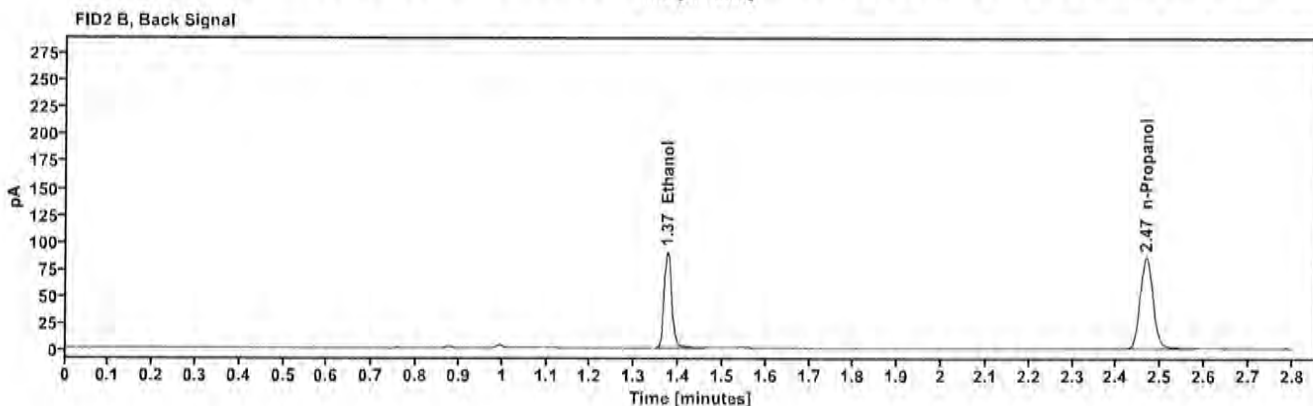
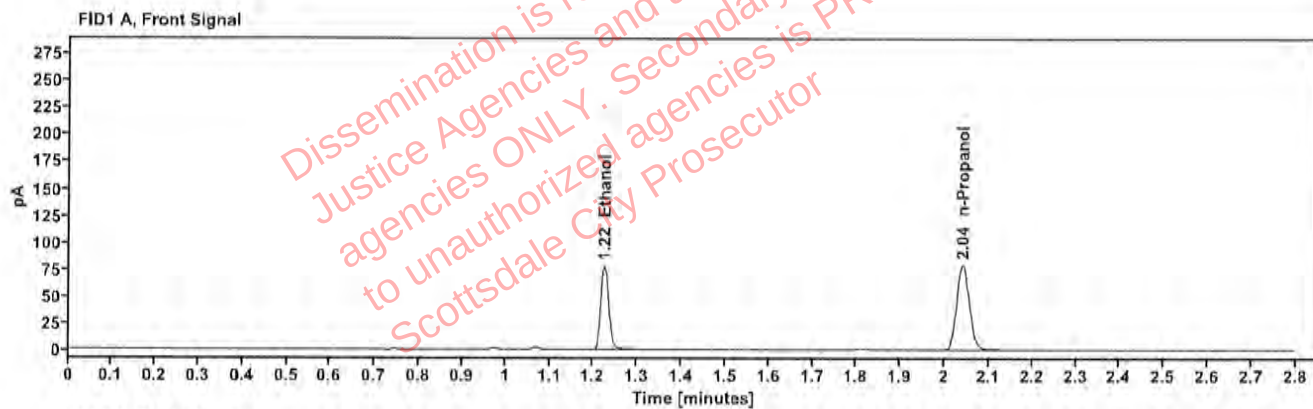


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1622	1.225	99.196
n-Propanol	—	2.041	158.545

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	108.618
n-Propanol	2.467	171.235

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517917-2	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 4:45:11 PM
Data file:	C:\Chem32\1\Data\23Sep25\29.D	Analyst:	Canonico

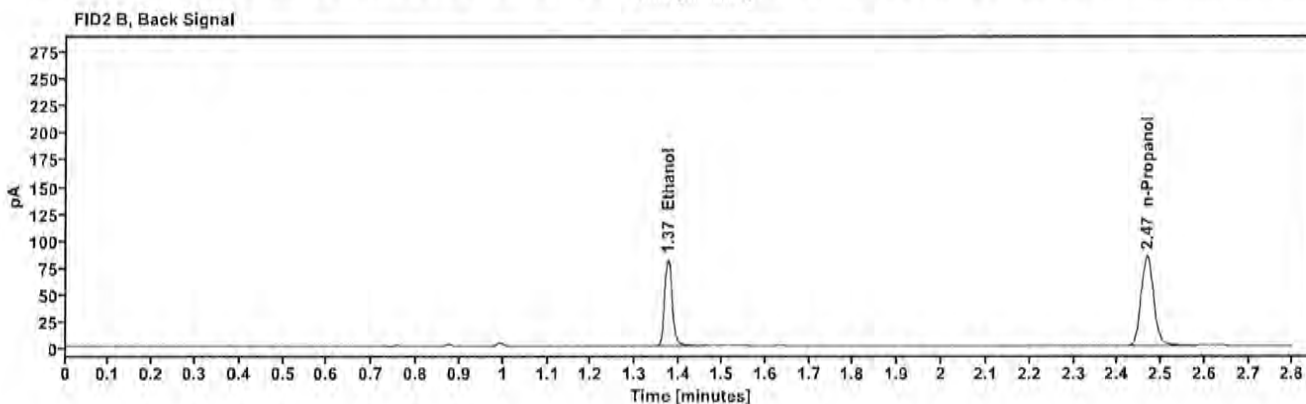
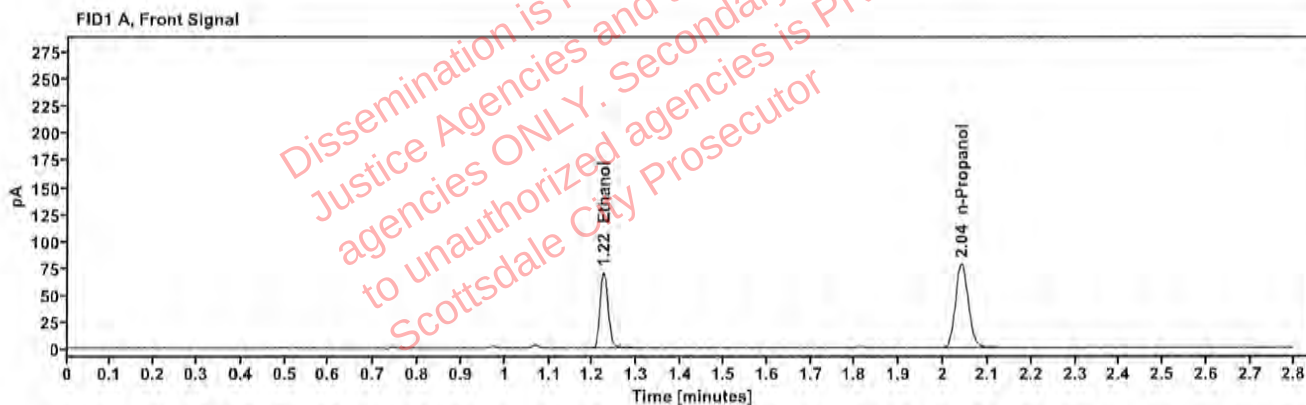


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1486	1.224	89.825
n-Propanol	—	2.041	156.913

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	98.242
n-Propanol	2.467	169.551

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517917-2	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 4:49:12 PM
Data file:	C:\Chem32\1\Data\23Sep25\30.D	Analyst:	Canonico

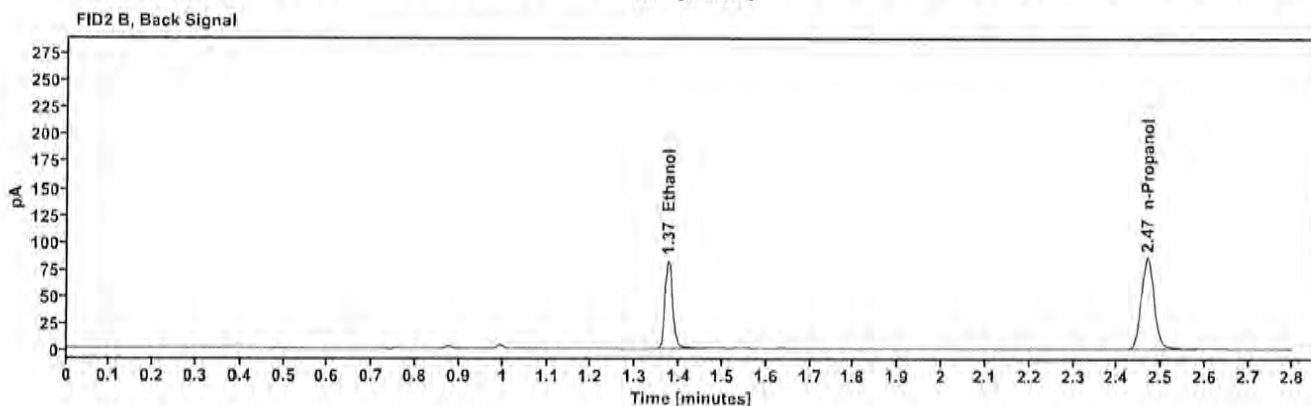
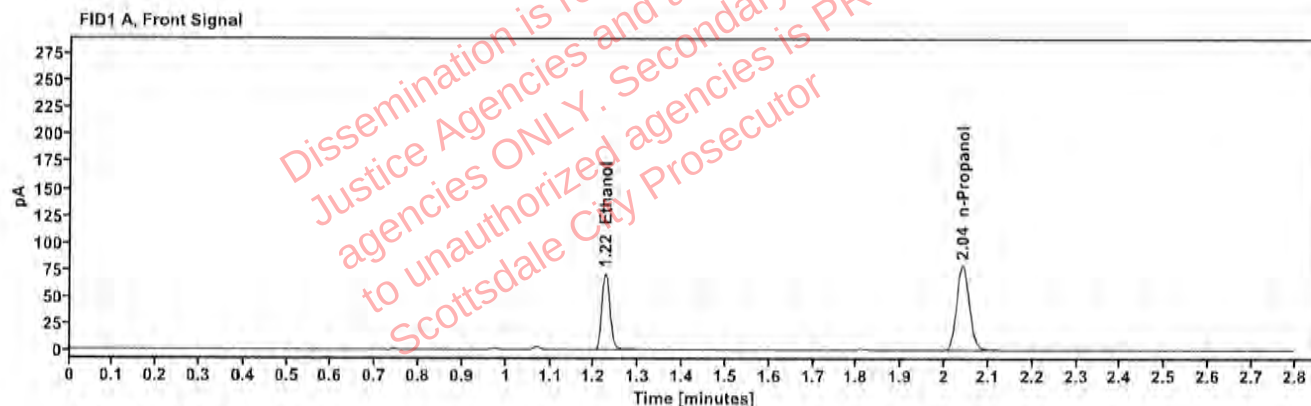


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1493	1.225	91.151
n-Propanol	—	2.041	158.486

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.375	99.480
n-Propanol	2.468	171.202

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516533-3	Vial:	32
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 4:57:27 PM
Data file:	C:\Chem32\1\Data\23Sep25\32.D	Analyst:	Canonico

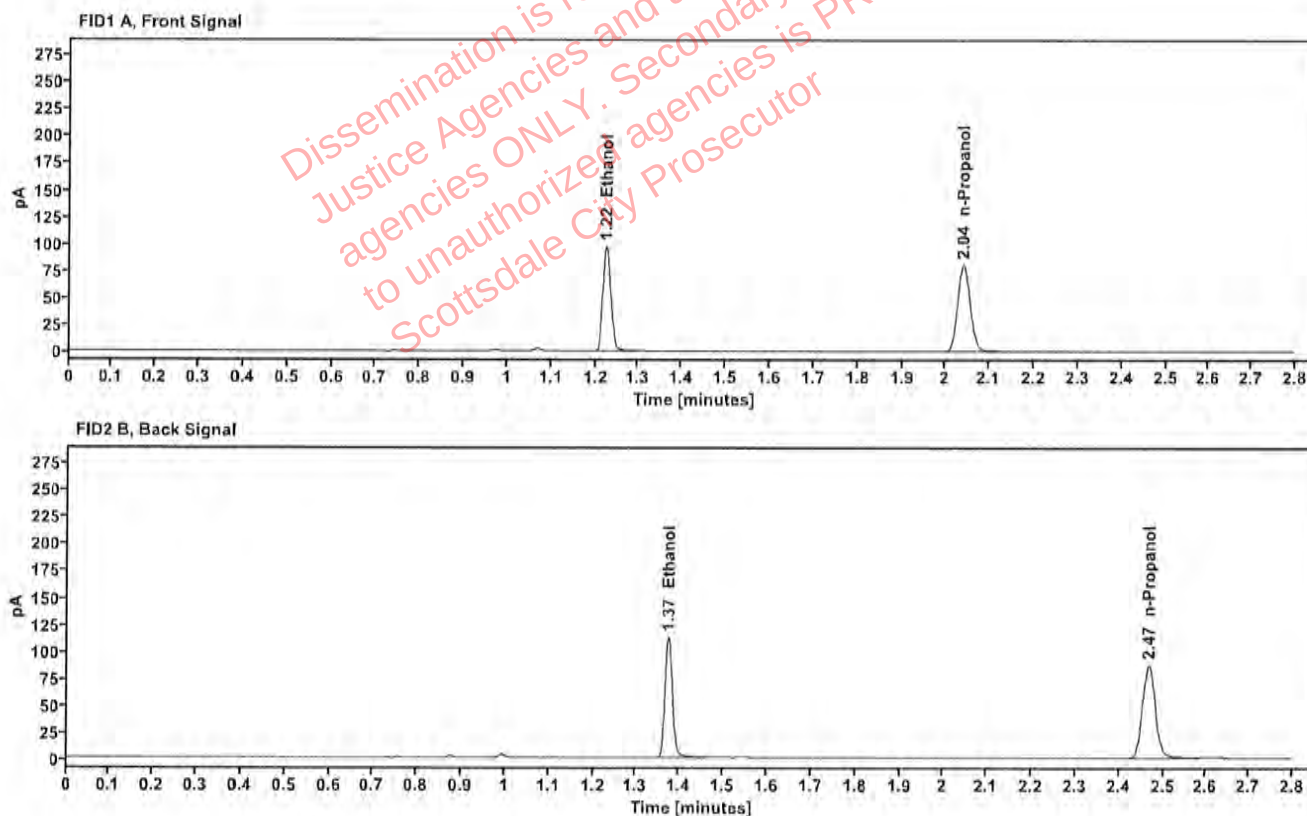


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1992	1.224	124.390
n-Propanol		2.041	161.557

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	135.953
n-Propanol	2.467	174.759

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516533-3	Vial:	33
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 5:01:27 PM
Data file:	C:\Chem32\1\Data\23Sep25\33.D	Analyst:	Canonico

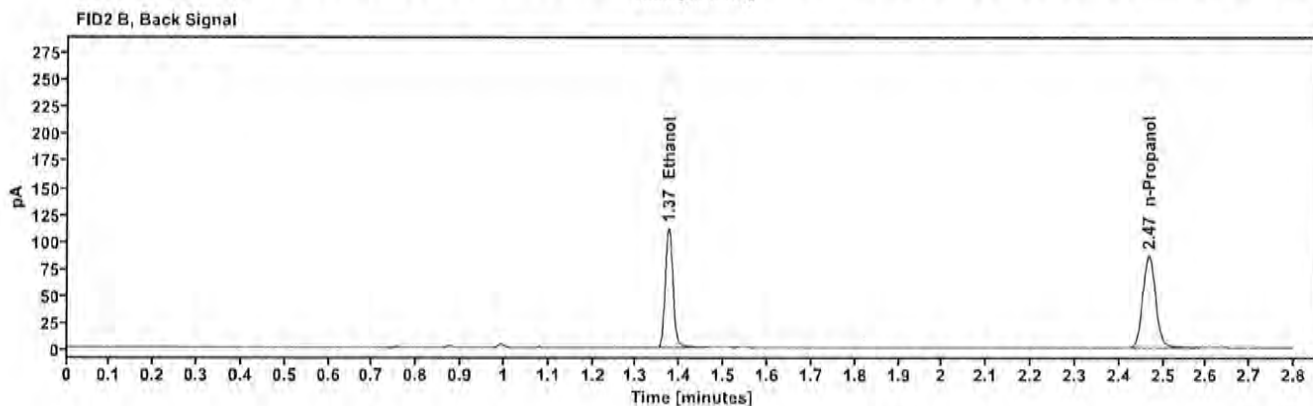
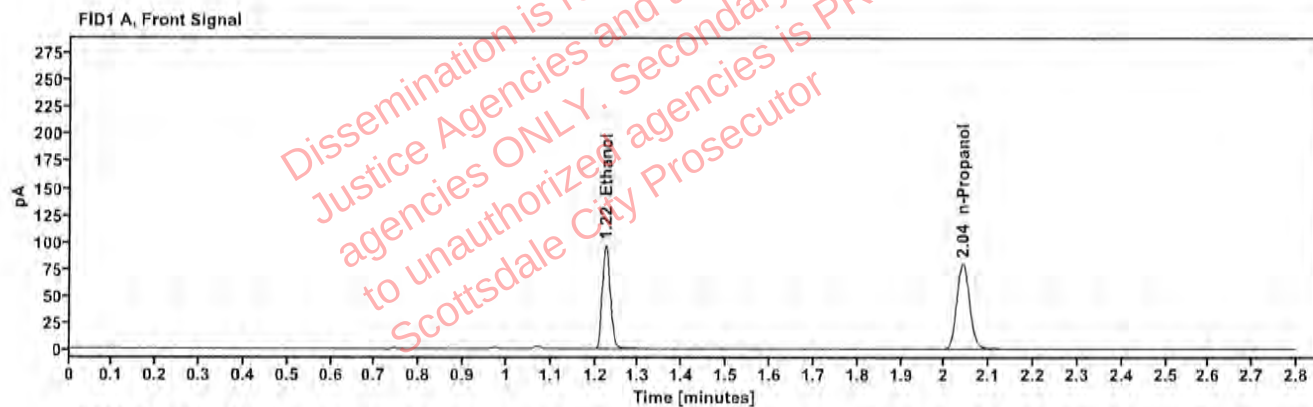


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1986	1.224	123.420
n-Propanol	—	2.041	160.818

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	135.160
n-Propanol	2.467	173.854

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518344-1	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 5:05:26 PM
Data file:	C:\Chem32\1\Data\23Sep25\34.D	Analyst:	Canonico

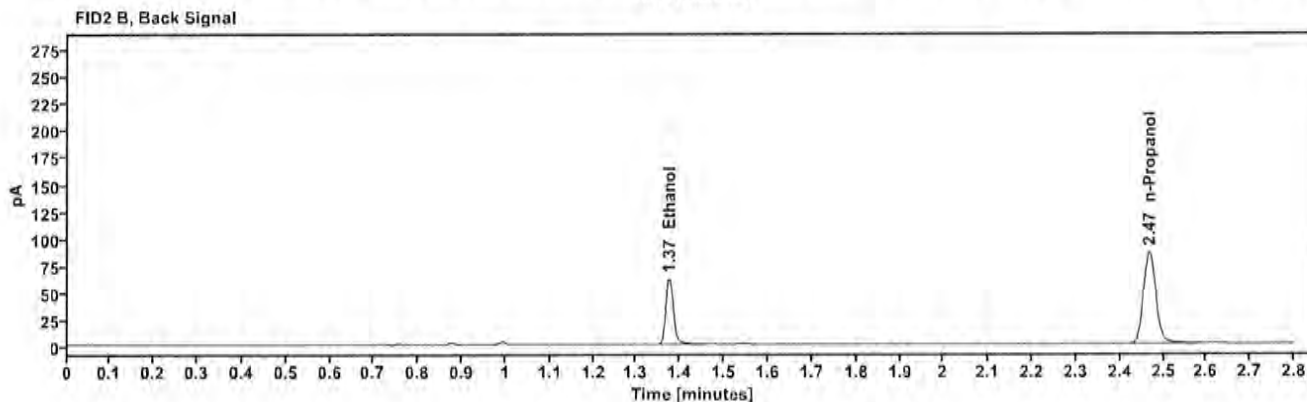
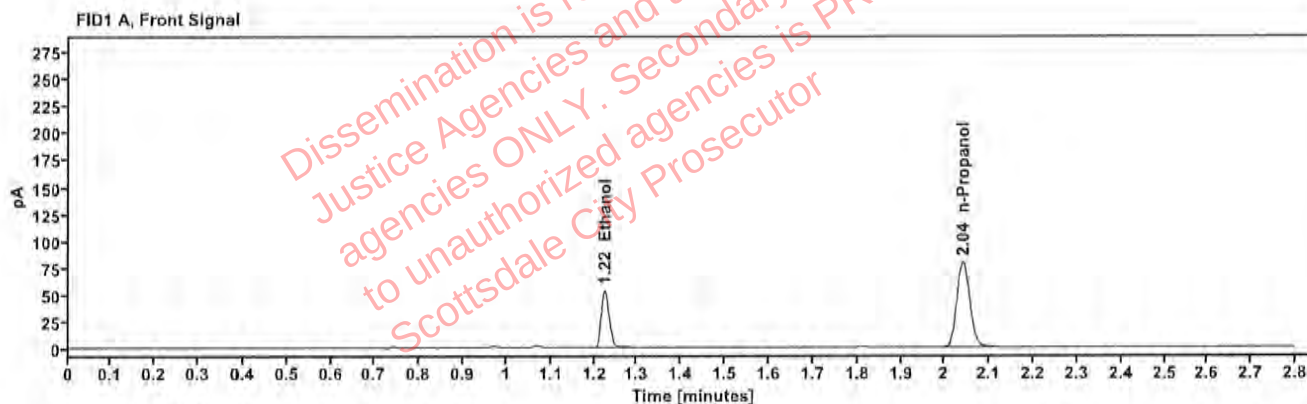


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1122	1.225	68.625
n-Propanol	—	2.041	159.249

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.375	74.788
n-Propanol	2.467	172.180

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518344-1	Vial:	35
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 5:09:27 PM
Data file:	C:\Chem32\11\Data\23Sep25\35.D	Analyst:	Canonico

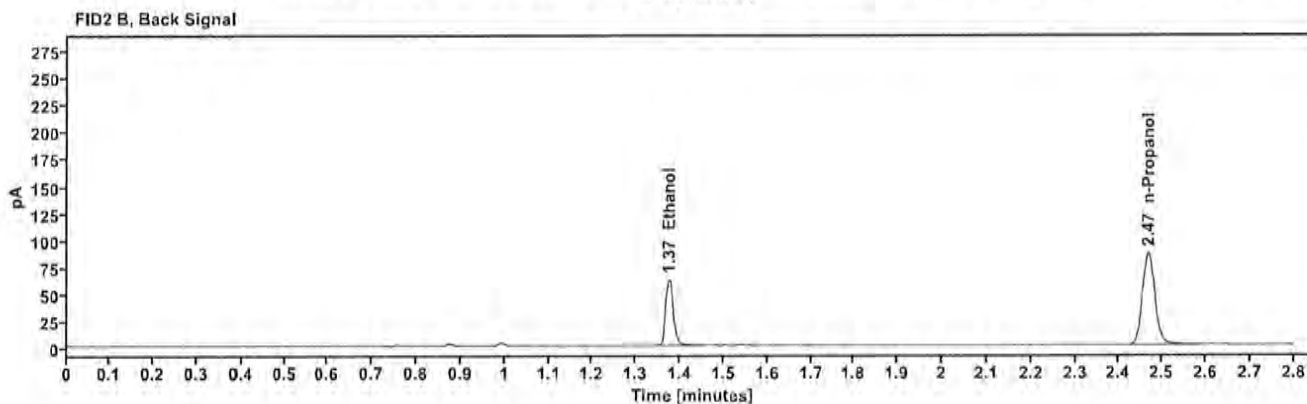
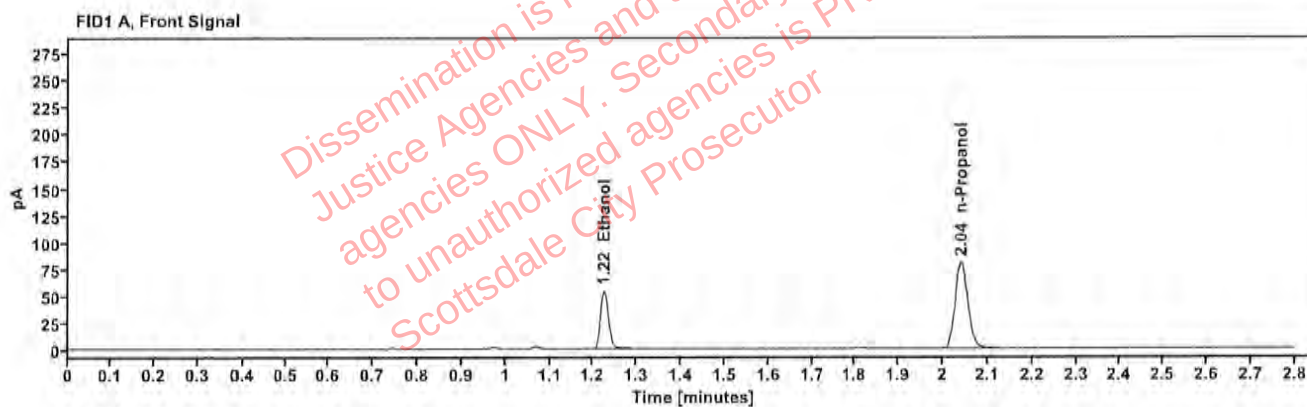


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1125	1.225	69.399
n-Propanol	---	2.041	160.660

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	75.640
n-Propanol	2.467	173.843

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518396-4	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 5:13:26 PM
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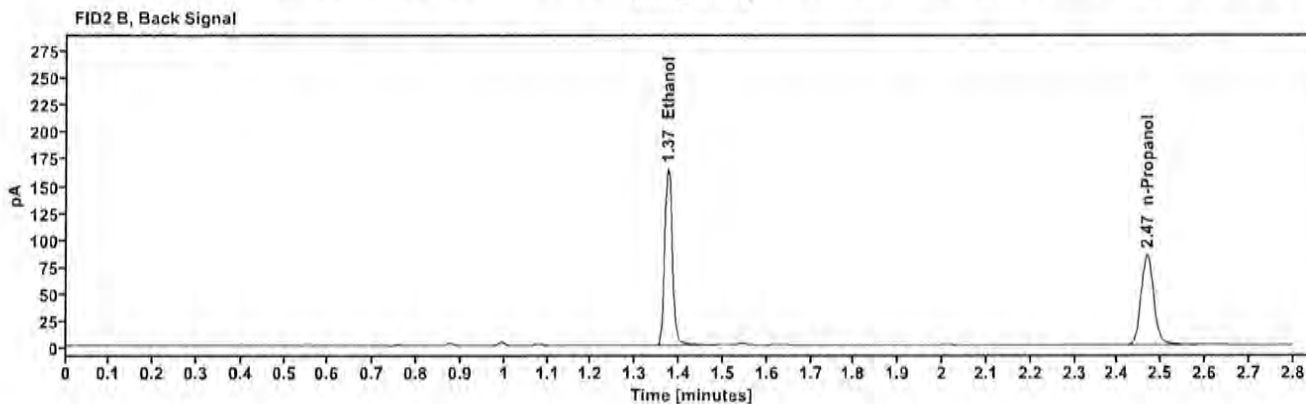
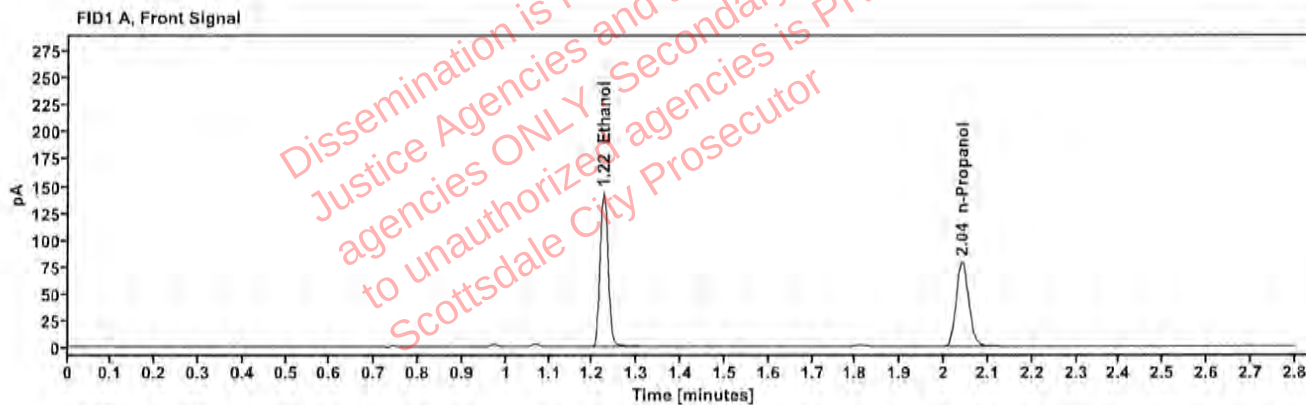


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2987	1.224	181.966
n-Propanol		2.041	157.189

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	199.935
n-Propanol	2.467	169.996

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518396-4	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 5:17:42 PM
Data file:	C:\Chem32\1\Data\23Sep25\37.D	Analyst:	Canonico

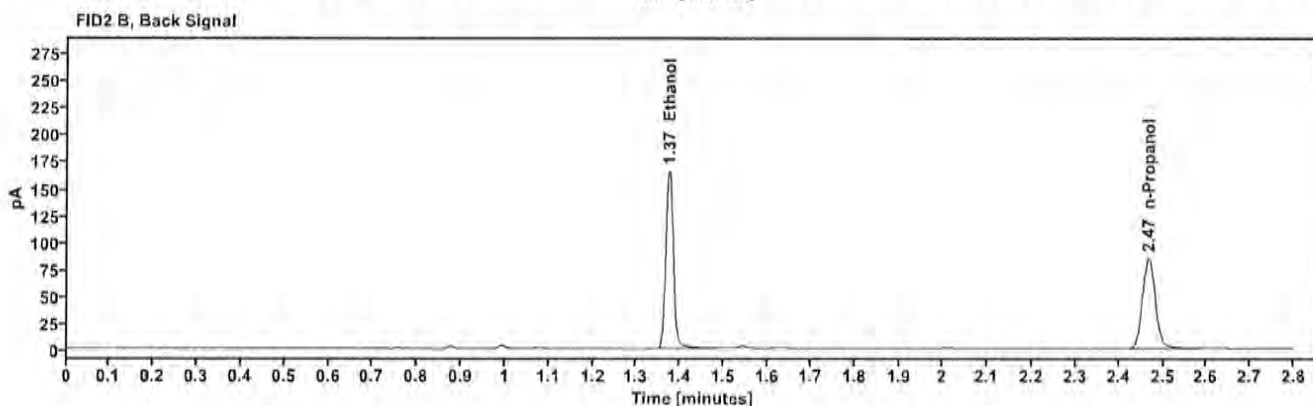
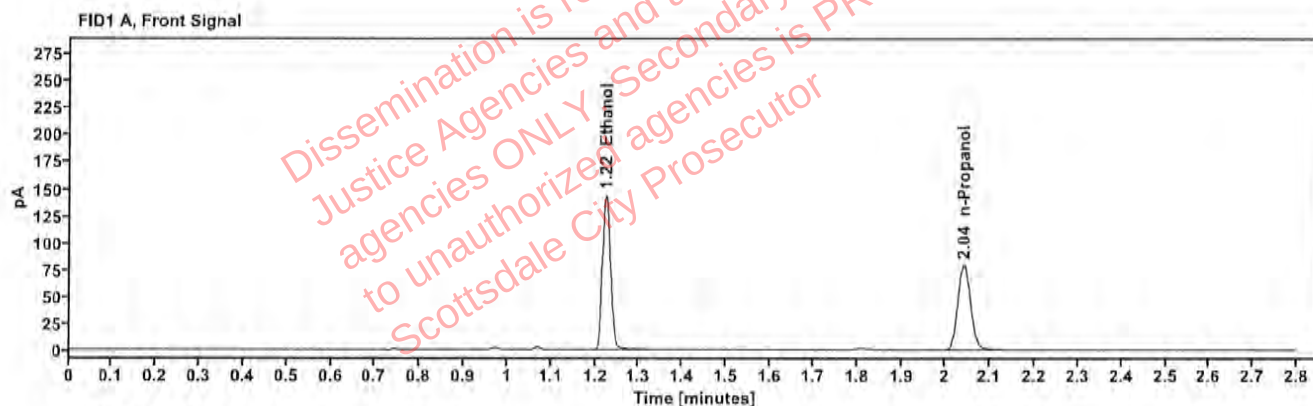


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2988	1.224	183.113
n-Propanol		2.041	158.139

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	201.552
n-Propanol	2.468	171.059

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518624-1	Vial:	38
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 5:21:42 PM
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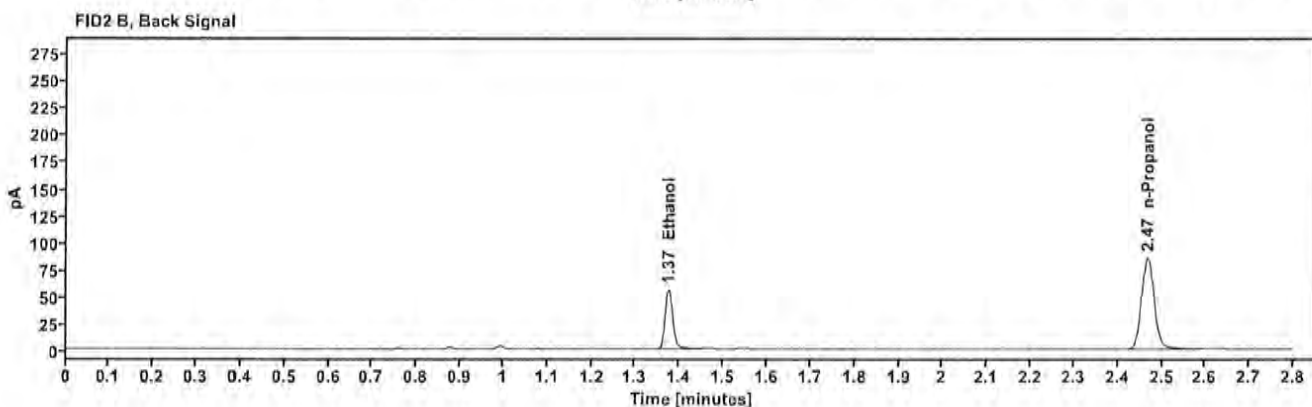
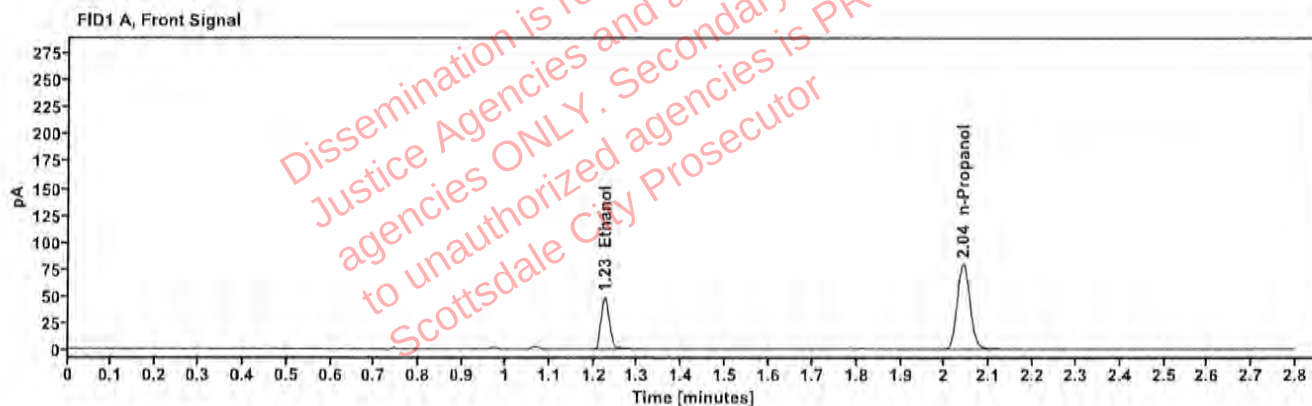


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1019	1.225	62.192
n-Propanol	—	2.041	159.254

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.375	67.774
n-Propanol	2.468	172.413

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518624-1	Vial:	39
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 5:25:41 PM
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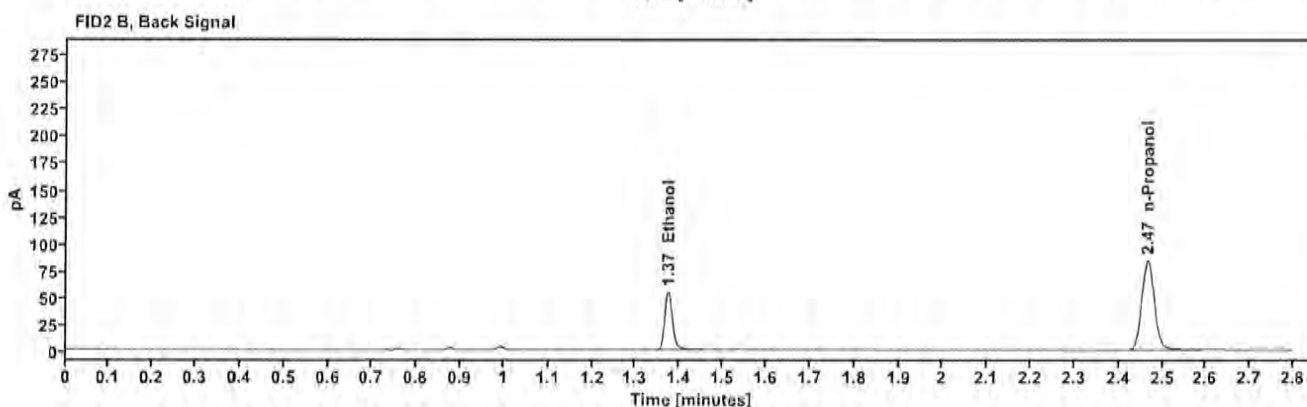
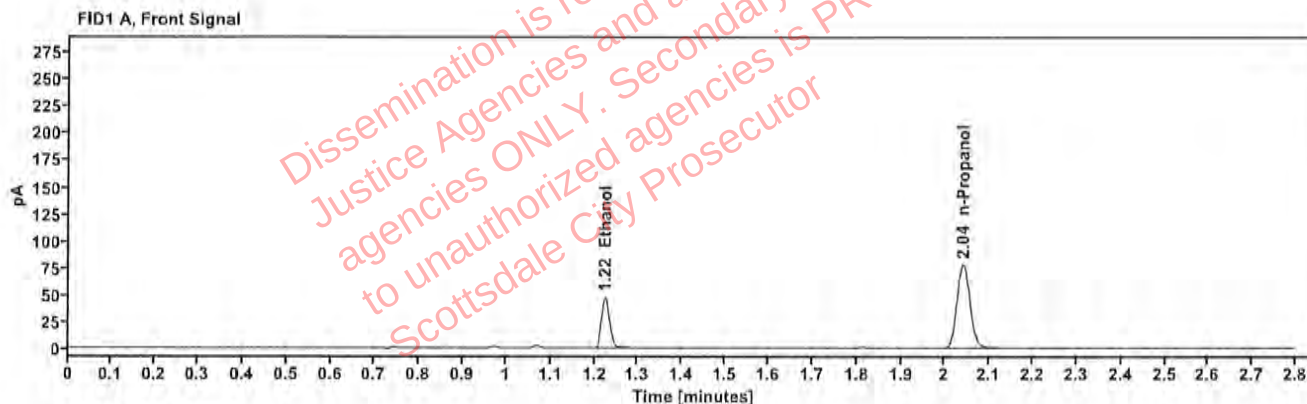


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1013	1.224	60.732
n-Propanol	—	2.040	156.432

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.373	66.231
n-Propanol	2.466	169.449

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505562-2	Vial:	40
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 5:29:41 PM
Data file:	C:\Chem32\1\Data\23Sep25\40.D	Analyst:	Canonico

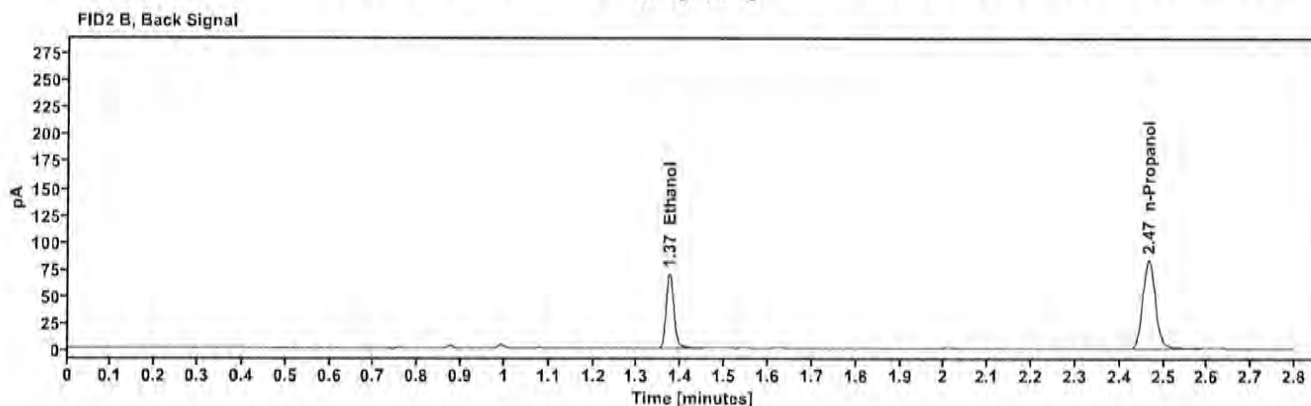
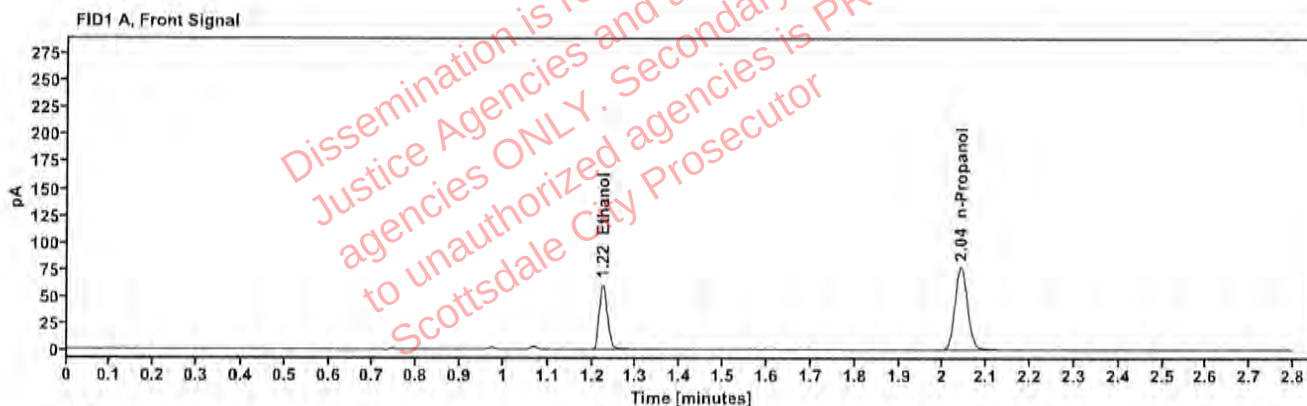


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1310	1.224	77.940
n-Propanol	—	2.040	154.636

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.373	85.011
n-Propanol	2.466	167.610

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505562-2	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/23/2025 5:33:42 PM
Data file:	C:\Chem32\1\Data\23Sep25\41.D	Analyst:	Canonico

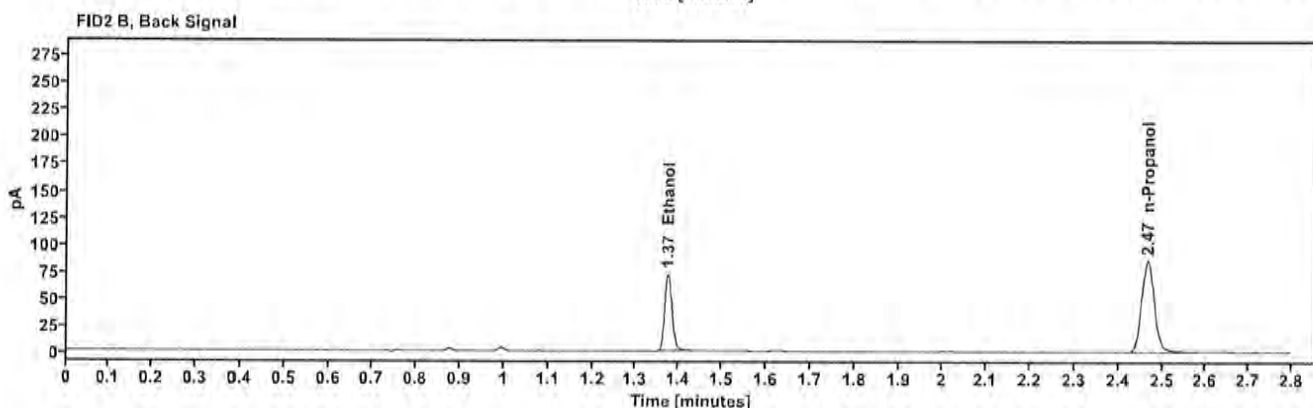
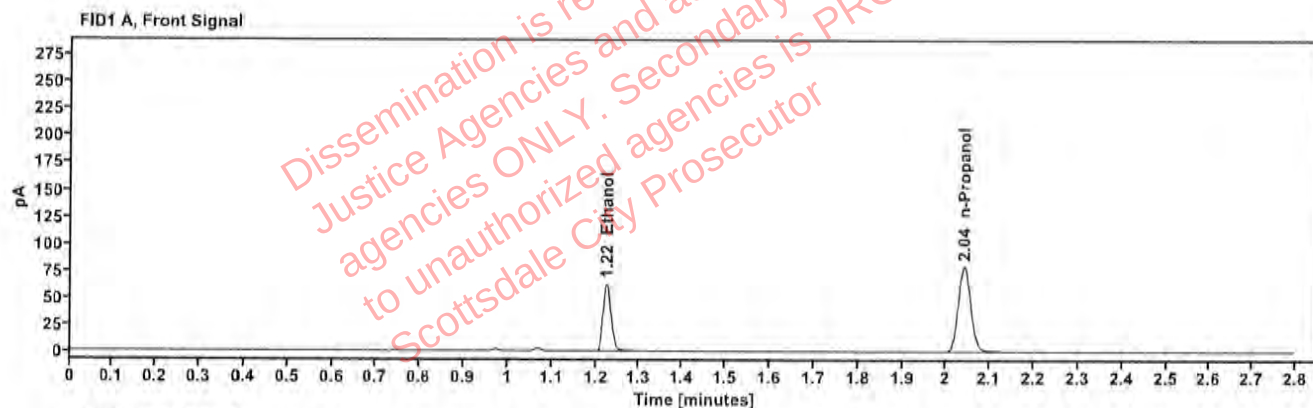


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1314	1.225	80.254
n-Propanol	—	2.041	158.713

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	87.391
n-Propanol	2.467	171.921