

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 07/21/2025

SEQUENCE NAME 21Jul25

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 FN03072301

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	0.402 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	0.204 g/dL	ACQ 4130622206/10
20	Aqueous control	0.100 g/dL	0.104 g/dL	Lipomed 517758
31	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 517758
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	0.202 g/dL	ACQ 4130622206/10
45	Blank	Not detected	Not detected	SPD lab 060925AQ

SUBJECT SAMPLES

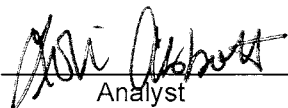
Subjects in the sequence 15

Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid ☒

Run invalid ☐


Analyst

Run valid ☒

Run invalid ☐


Technical Reviewer

Scottsdale Police Department Crime Laboratory

Sequence Quality Assurance Summary

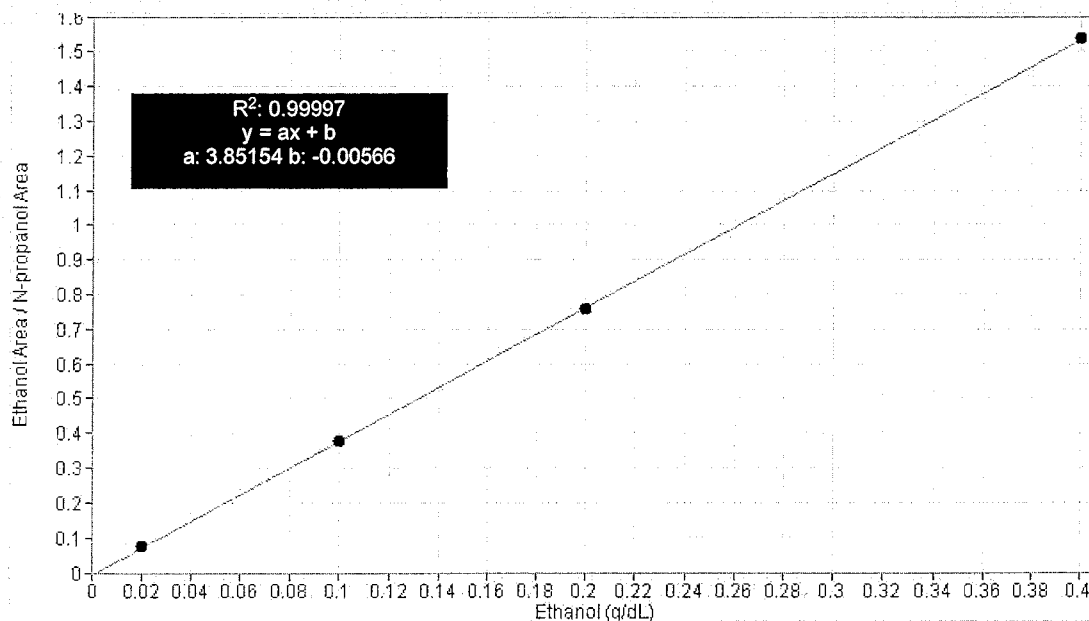
SEQUENCE NAME: 21Jul25

ANALYST: Abbott

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	0.402	0.400	0.50	0.002
0.040 518018	8	0.041	0.040	2.50	0.001
0.203 4130622206/10	9	0.204	0.203	0.49	0.001
0.100 517758	20	0.104	0.100	4.00	0.004
0.100 517758	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	0.202	0.203	0.49	-0.001
blank 060925AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.346	152.689	0.074
0.100	58.778	155.186	0.379
0.200	117.450	154.506	0.760
0.400	235.964	153.499	1.537

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03122113	Vial:	1
Description:	0.020 calibrator	Sequence:	21Jul25
Method:	ethanol quant.M	Injection date:	7/21/2025 2:44:56 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>DA</i>
Data file:	C:\Chem32\1\Data\21Jul25\1.D		

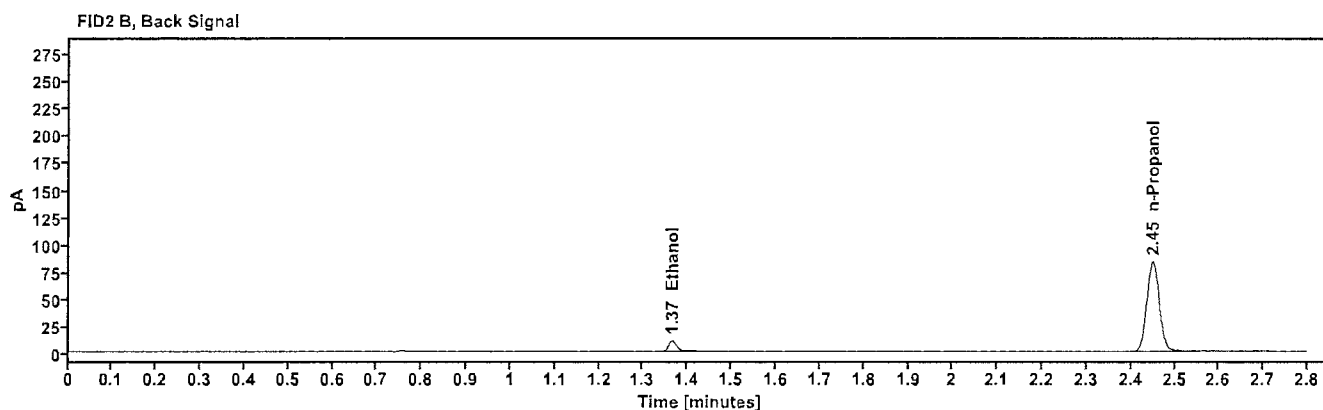
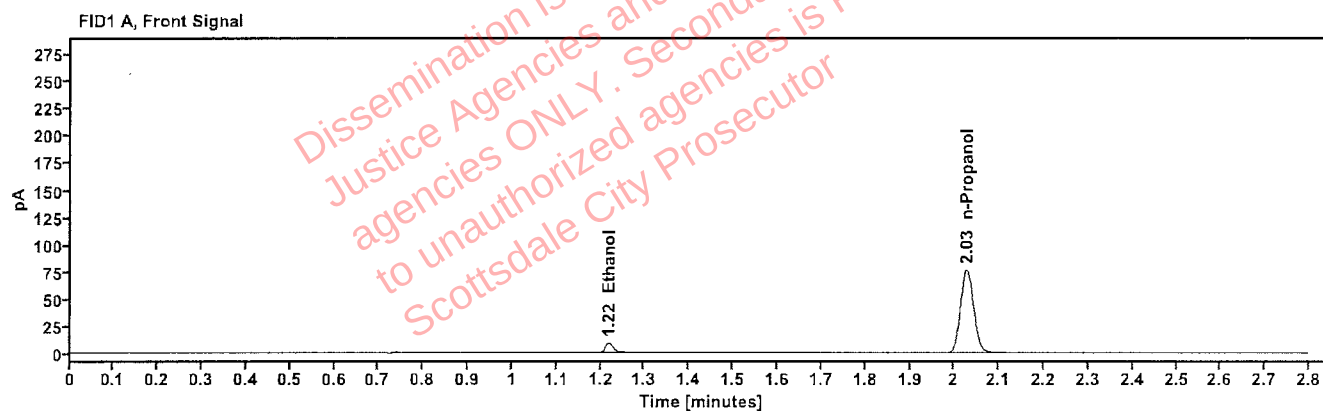


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.219	11.346
n-Propanol	2.027	152.689

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

Compound	Time (min)	Peak Area
Ethanol	1.365	12.474
n-Propanol	2.450	166.242

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03072301	Vial:	2
Description:	0.100 calibrator	Sequence:	21Jul25
Method:	ethanol quant.M	Injection date:	7/21/2025 2:48:57 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>DR</i>
Data file:	C:\Chem32\1\Data\21Jul25\2.D		

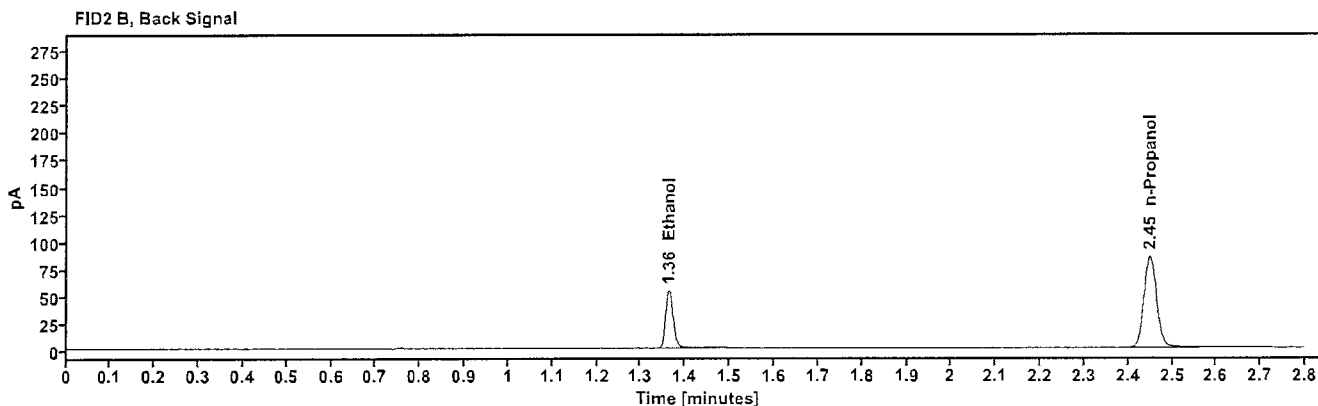
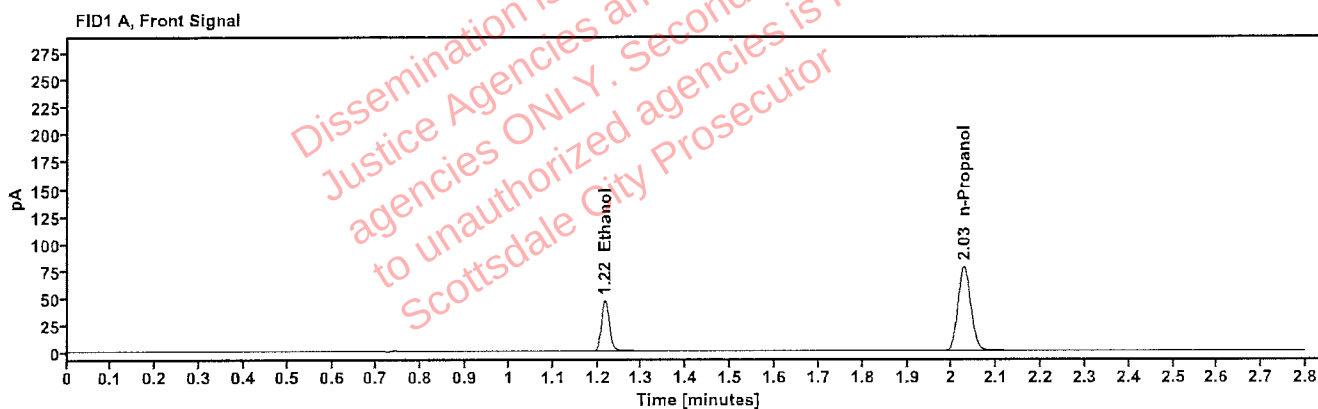


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.216	58.778
n-Propanol	2.027	155.186

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

Compound	Time (min)	Peak Area
Ethanol	1.363	64.342
n-Propanol	2.449	168.863

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03132302	Vial:	3
Description:	0.200 calibrator	Sequence:	21Jul25
Method:	ethanol quant.M	Injection date:	7/21/2025 2:52:56 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>pl</i>
Data file:	C:\Chem32\11\Data\21Jul25\3.D		

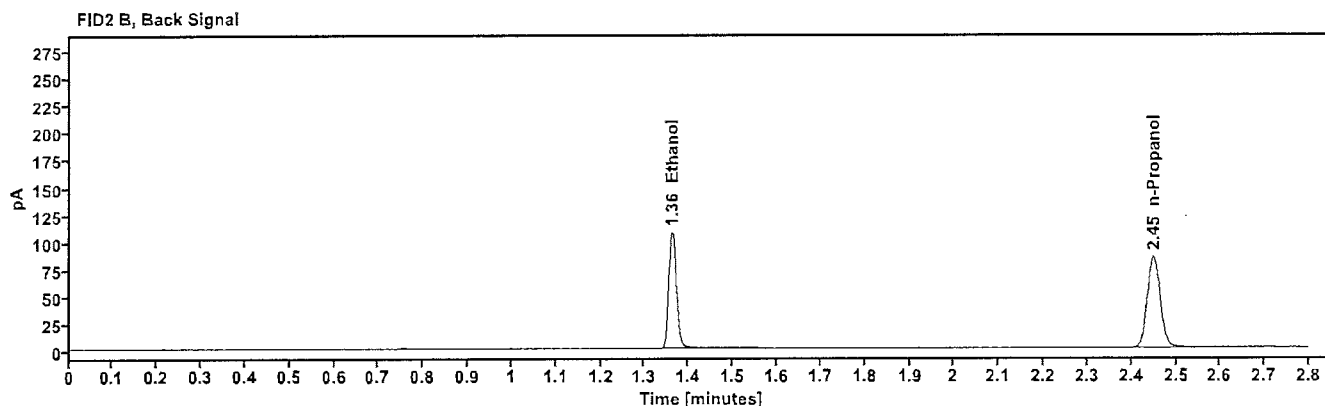
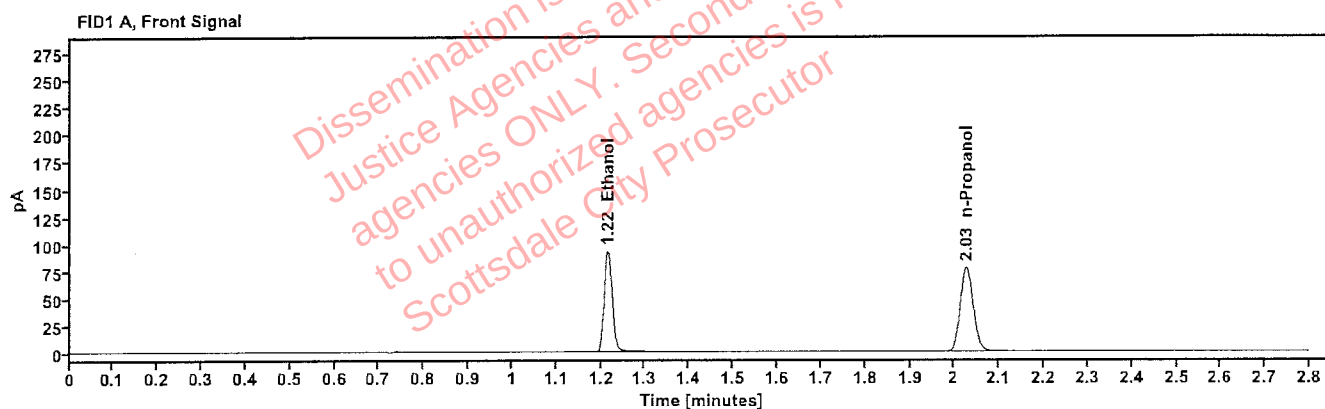


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.215	117.450
n-Propanol	2.027	154.506

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

Compound	Time (min)	Peak Area
Ethanol	1.362	128.622
n-Propanol	2.449	168.030

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	21Jul25
Method:	ethanol quant.M	Injection date:	7/21/2025 2:56:57 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>DR</i>
Data file:	C:\Chem32\1\Data\21Jul25\4.D		

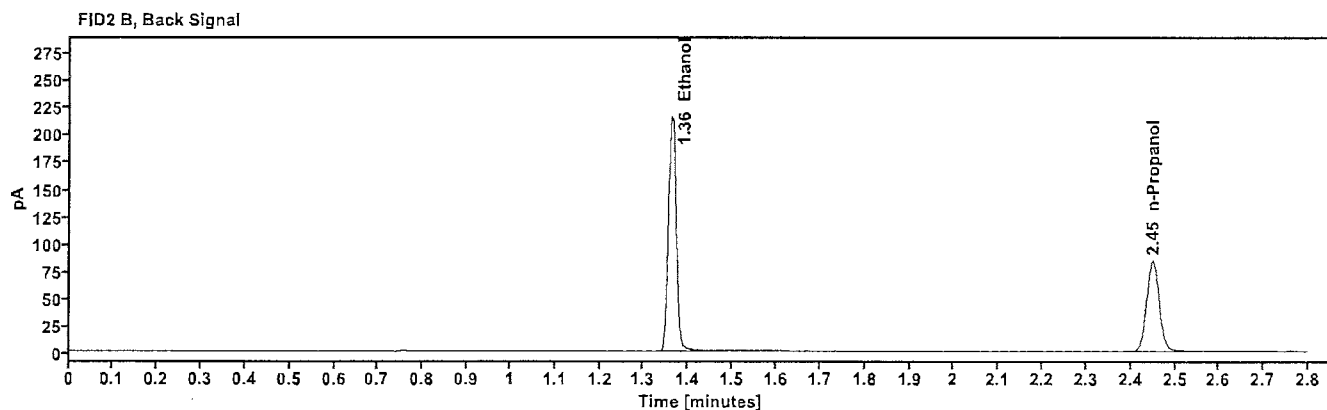
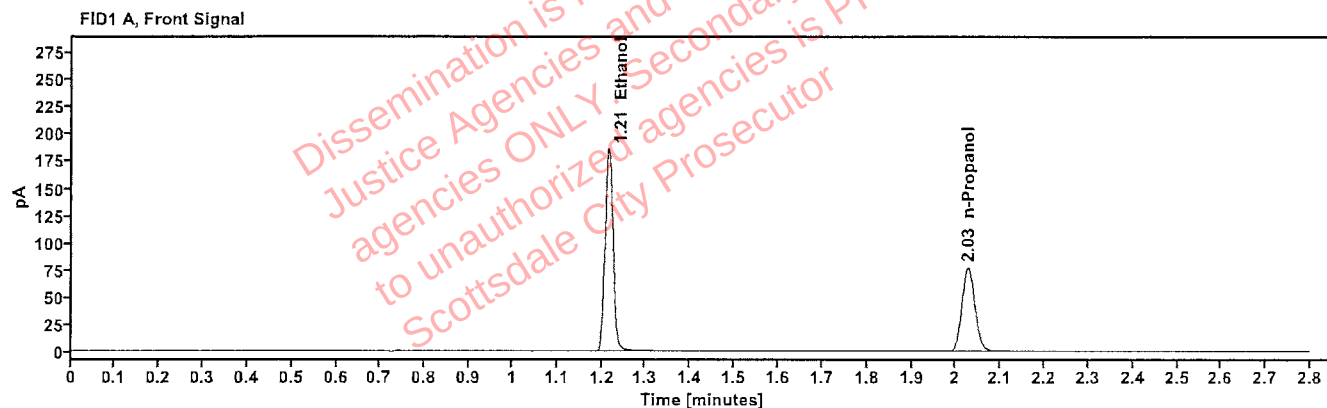


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.215	235.964
n-Propanol	2.027	153.499

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

Compound	Time (min)	Peak Area
Ethanol	1.362	260.054
n-Propanol	2.449	166.750

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111224WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 3:00:56 PM
Data file:	C:\Chem32\1\Data\21Jul25\5.D	Analyst:	Abbott

Handwritten signature

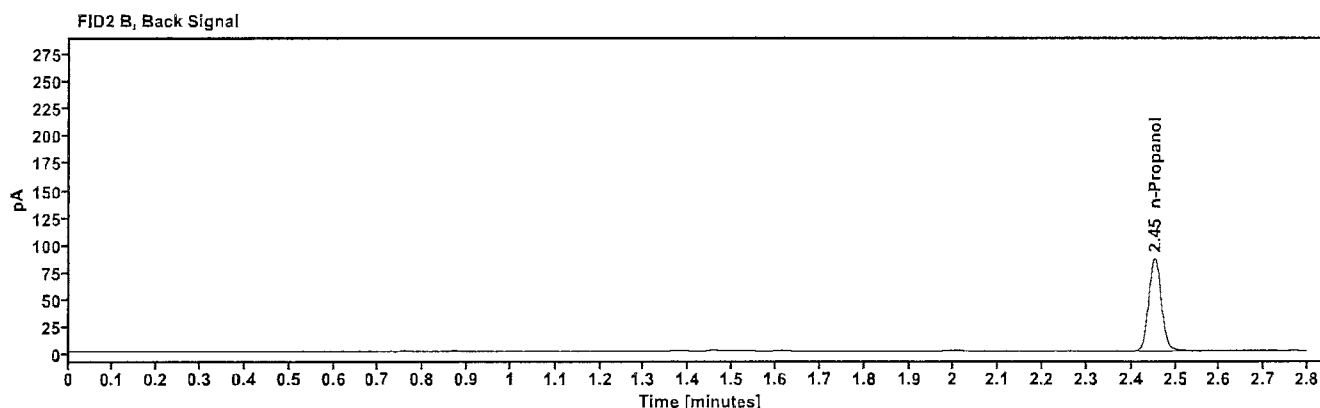
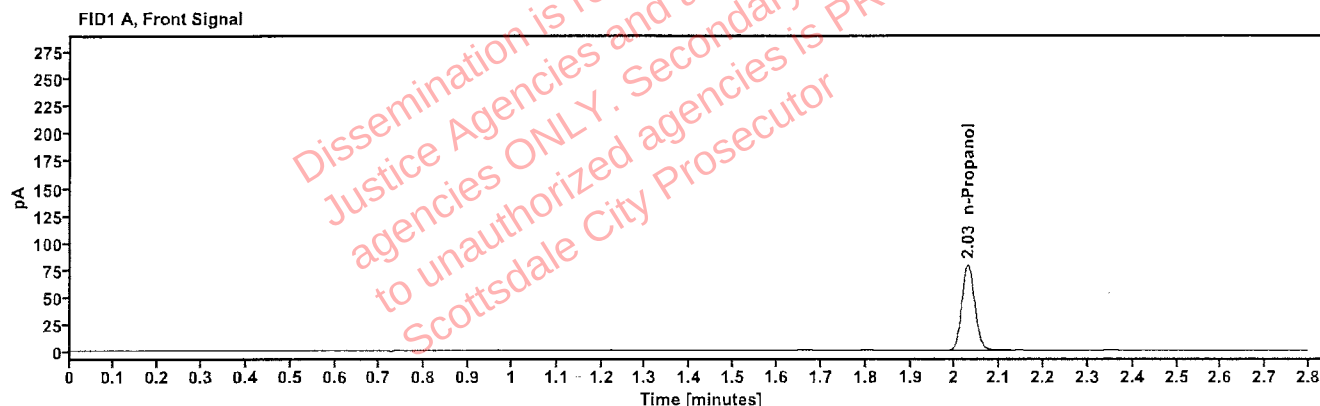


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.029	157.396

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

Compound	Time (min)	Peak Area
n-Propanol	2.452	171.124

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 3:04:57 PM
Data file:	C:\Chem32\1\Data\21Jul25\6.D	Analyst:	Abbott

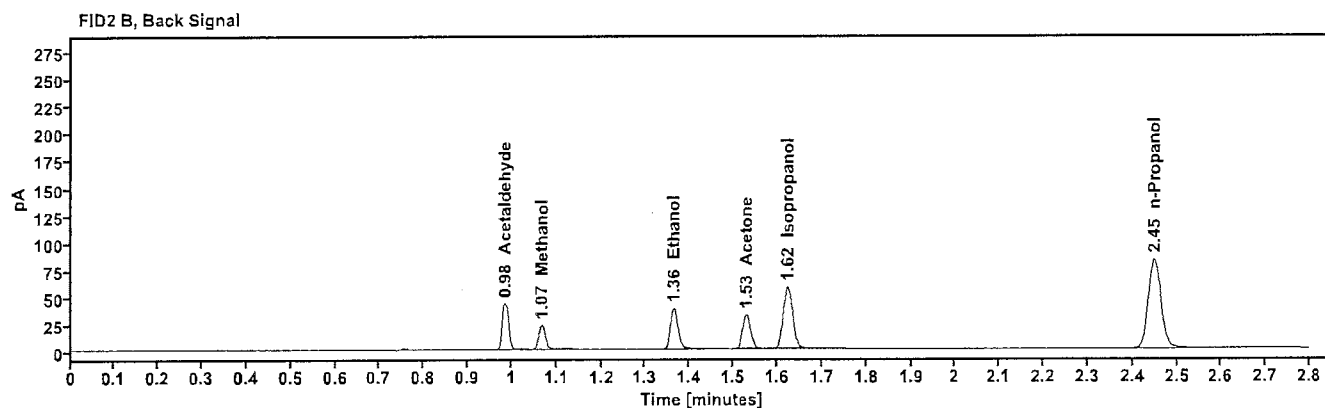
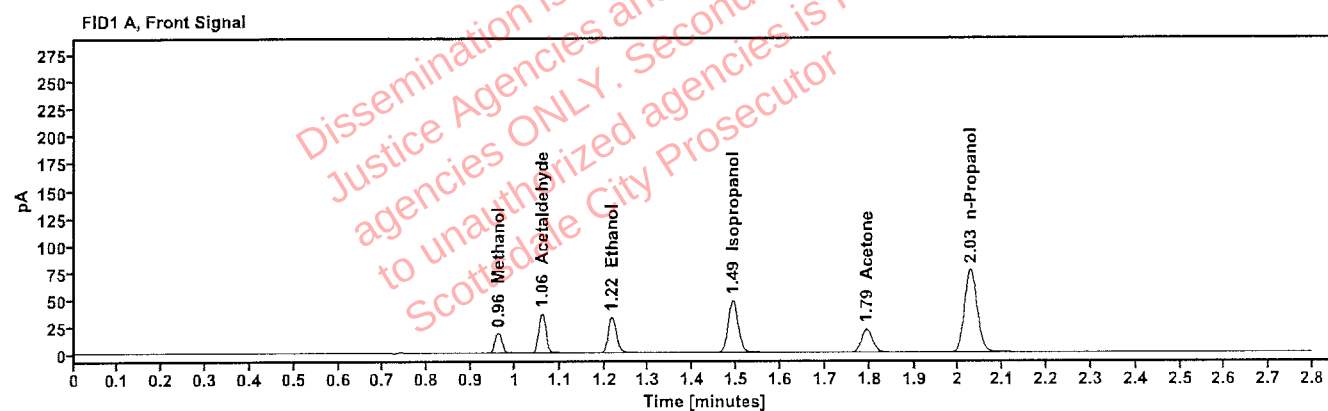


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.962	21.159
Acetaldehyde	-----	1.060	40.091
>Ethanol	0.0726	1.216	41.713
Isopropanol	-----	1.491	76.998
Acetone	-----	1.794	37.472
n-Propanol	-----	2.027	152.362

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	44.896
Methanol	1.067	23.460
Ethanol	1.364	45.431
Acetone	1.530	41.383
Isopropanol	1.624	84.920
n-Propanol	2.449	165.137

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 3:09:11 PM
Data file:	C:\Chem32\1\Data\21Jul25\7.D	Analyst:	Abbott

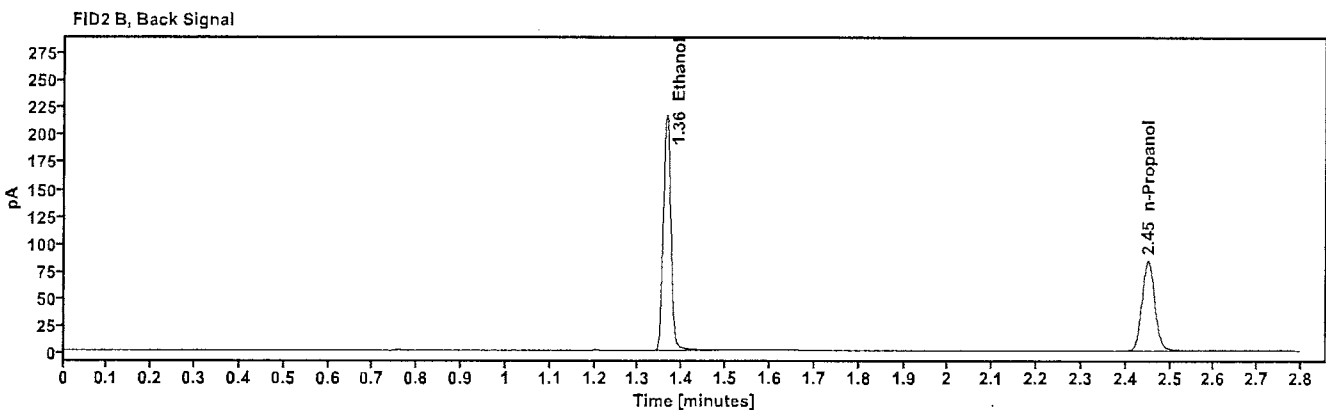
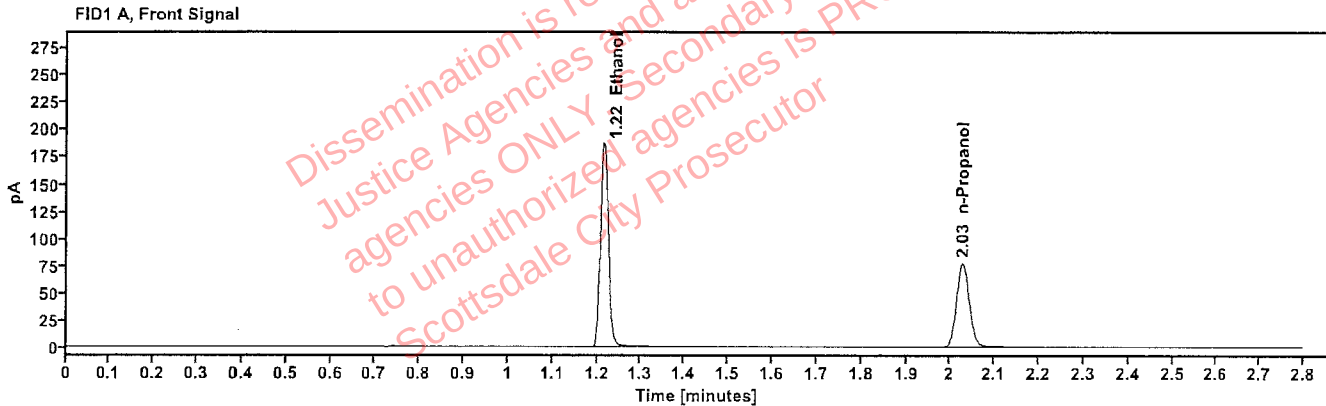


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4028	1.215	237.714
n-Propanol	-----	2.027	153.779

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

Compound	Time (min)	Peak Area
Ethanol	1.364	261.884
n-Propanol	2.450	166.580

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 3:13:11 PM
Data file:	C:\Chem32\1\Data\21Jul25\8.D	Analyst:	Abbott

Handwritten signature/initials

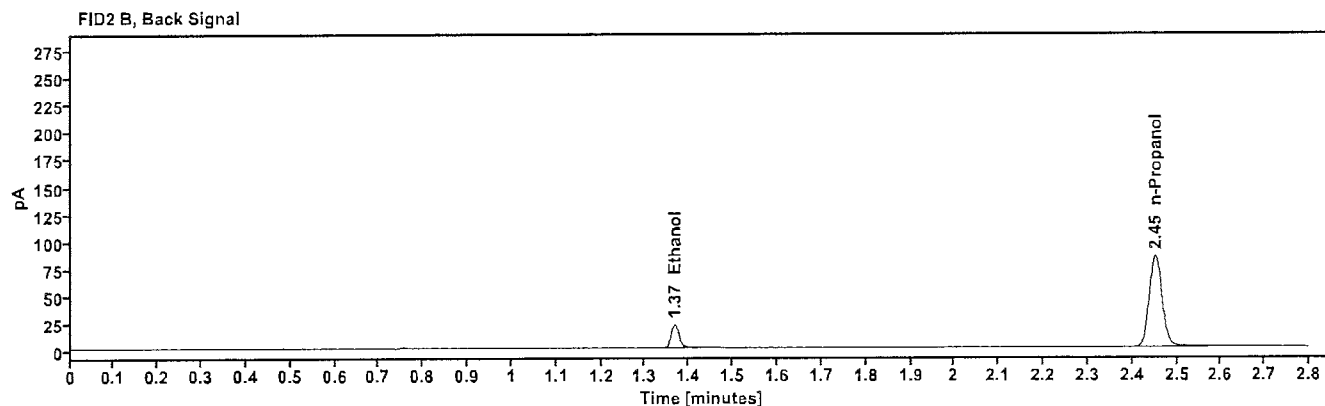
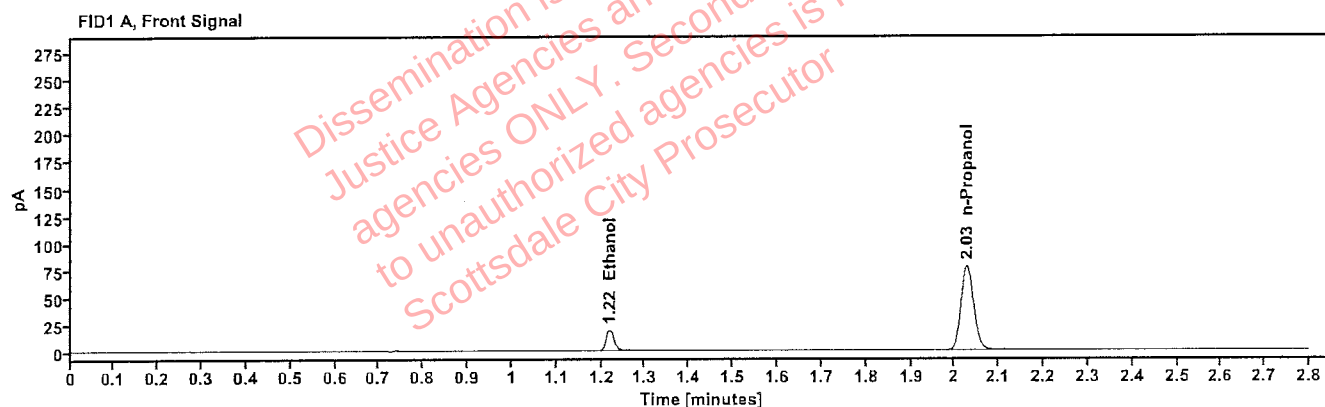


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0419	1.219	24.185
n-Propanol	-----	2.028	155.154

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

Compound	Time (min)	Peak Area
Ethanol	1.367	26.258
n-Propanol	2.452	168.125

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	Vial:	9
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 3:17:11 PM
Data file:	C:\Chem32\1\Data\21Jul25\9.D	Analyst:	Abbott

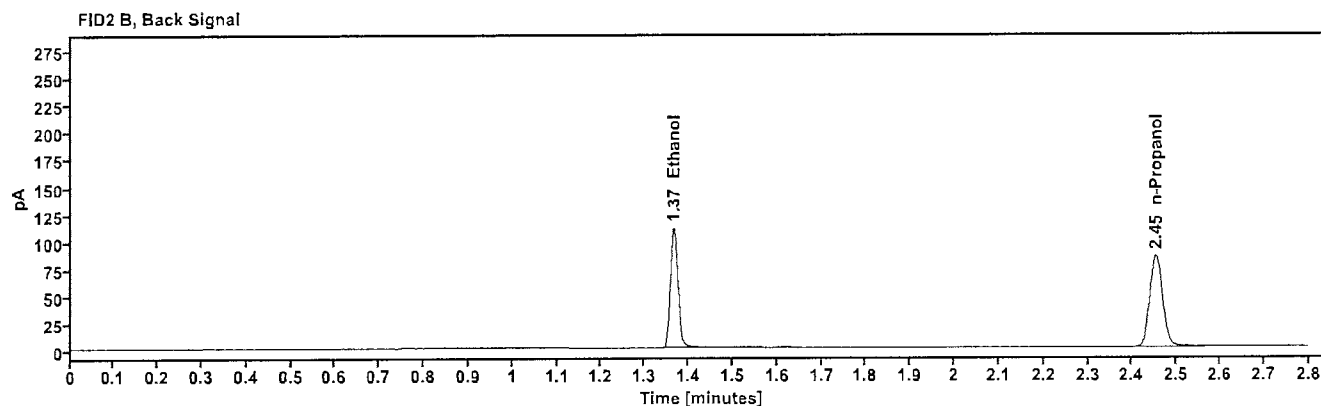
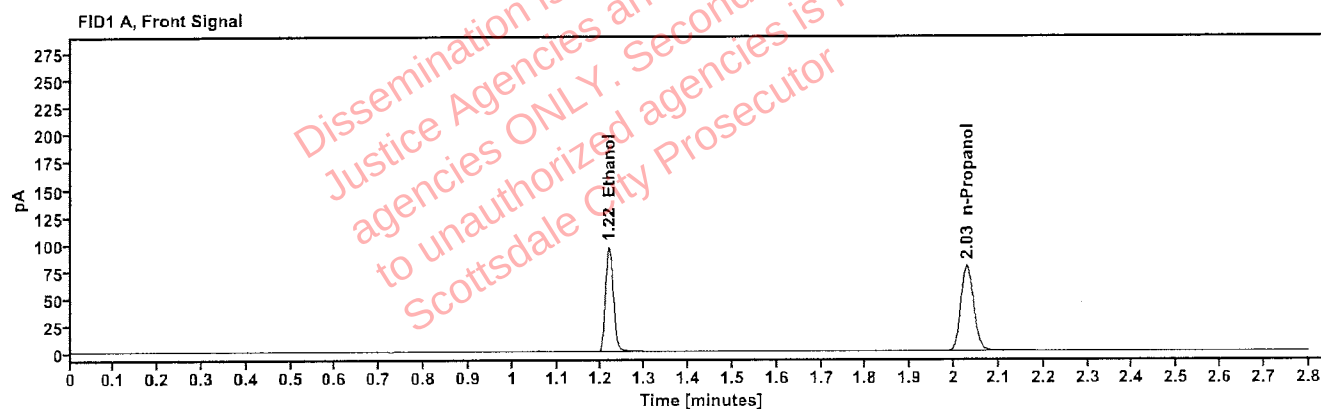


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2041	1.217	121.997
n-Propanol	-----	2.029	156.347

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

Compound	Time (min)	Peak Area
Ethanol	1.366	133.632
n-Propanol	2.453	169.534

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	517758	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 4:01:41 PM
Data file:	C:\Chem32\1\Data\21Jul25\20.D	Analyst:	Abbott

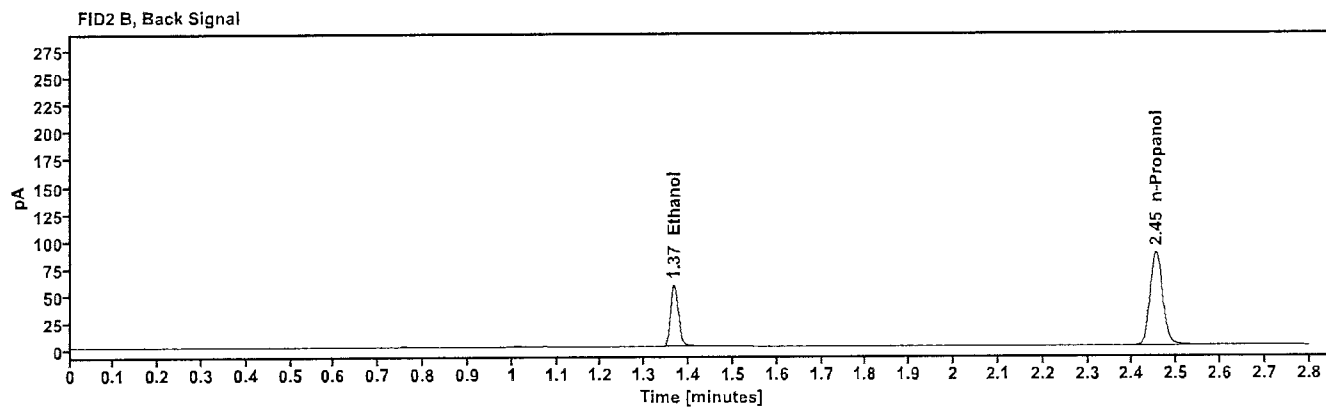
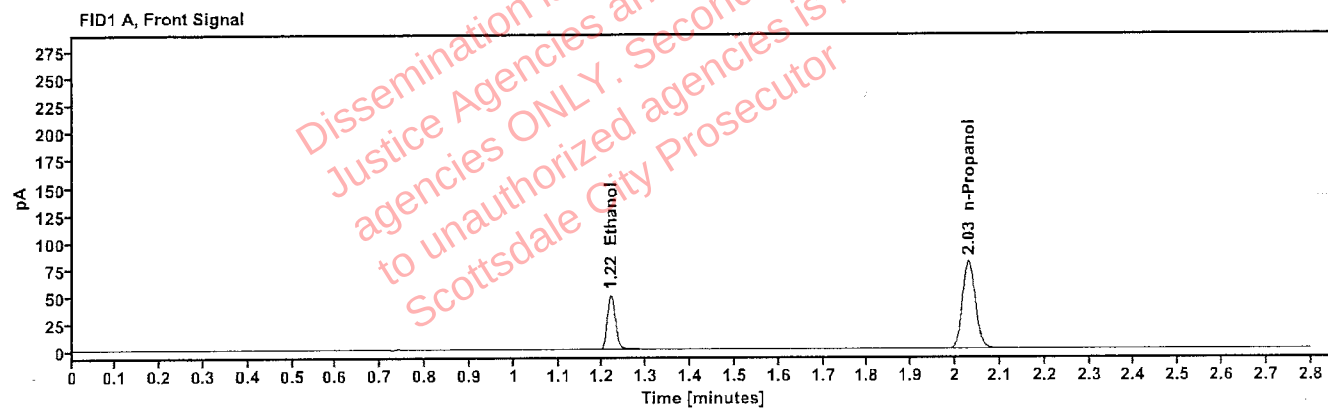


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1043	1.218	63.373
n-Propanol	-----	2.029	160.030

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

Compound	Time (min)	Peak Area
Ethanol	1.367	69.095
n-Propanol	2.453	173.308

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	517758	Vial:	31
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 4:46:11 PM
Data file:	C:\Chem32\1\Data\21Jul25\31.D	Analyst:	Abbott

[Signature]

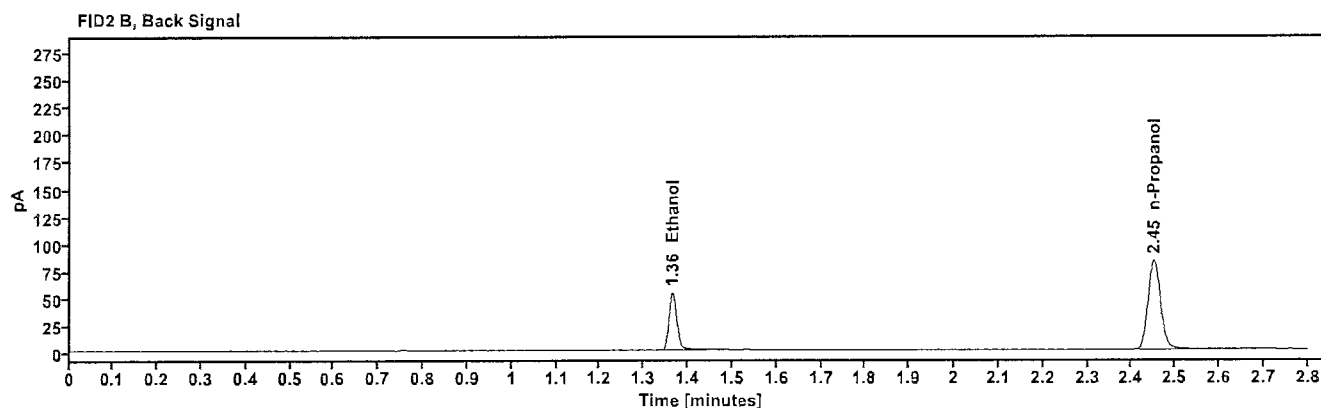
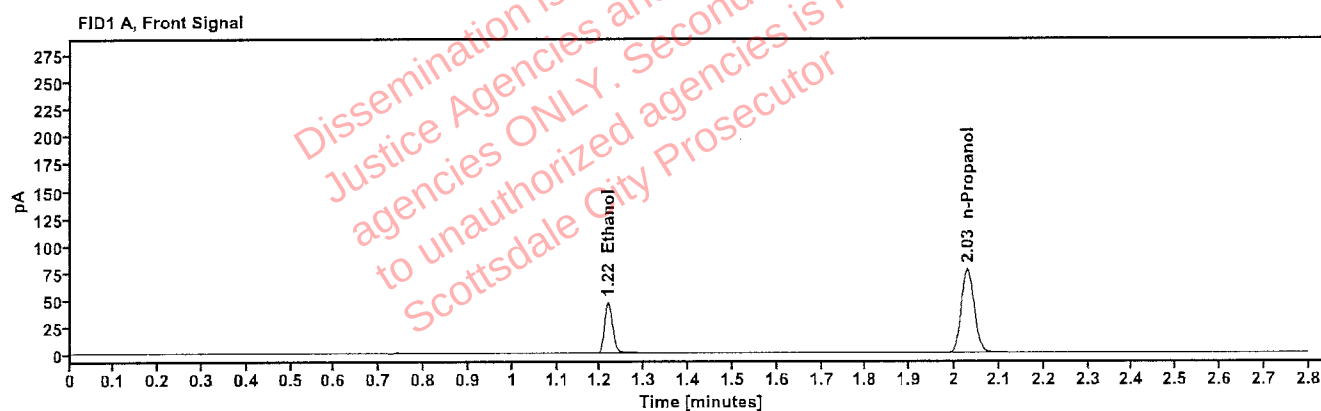


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1017	1.217	59.422
n-Propanol	-----	2.028	153.930

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

Compound	Time (min)	Peak Area
Ethanol	1.365	64.789
n-Propanol	2.451	166.563

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 5:30:27 PM
Data file:	C:\Chem32\1\Data\21Jul25\42.D	Analyst:	Abbott

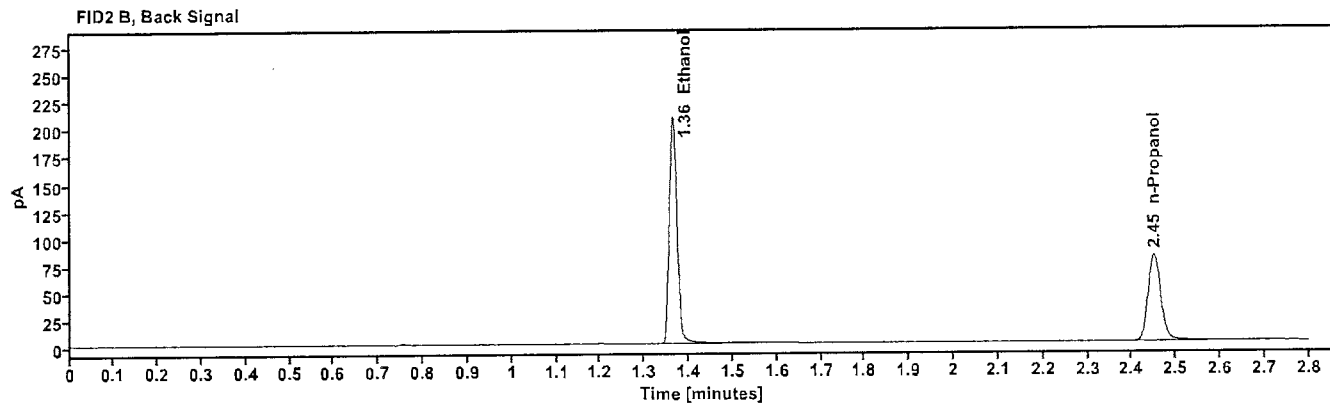
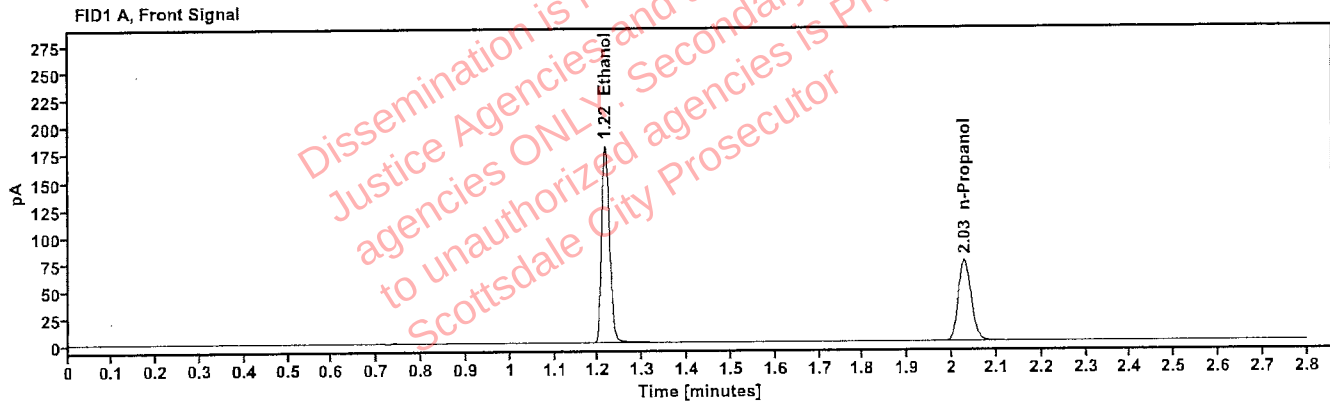


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4024	1.216	230.322
n-Propanol	-----	2.028	149.151

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

Compound	Time (min)	Peak Area
Ethanol	1.364	253.372
n-Propanol	2.451	161.277

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 5:34:42 PM
Data file:	C:\Chem32\1\Data\21Jul25\43.D	Analyst:	Abbott

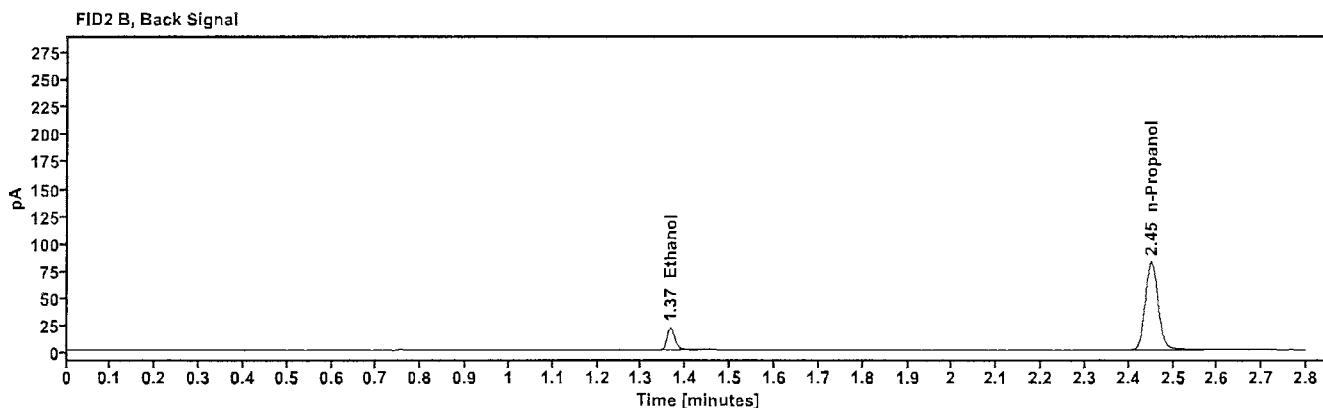
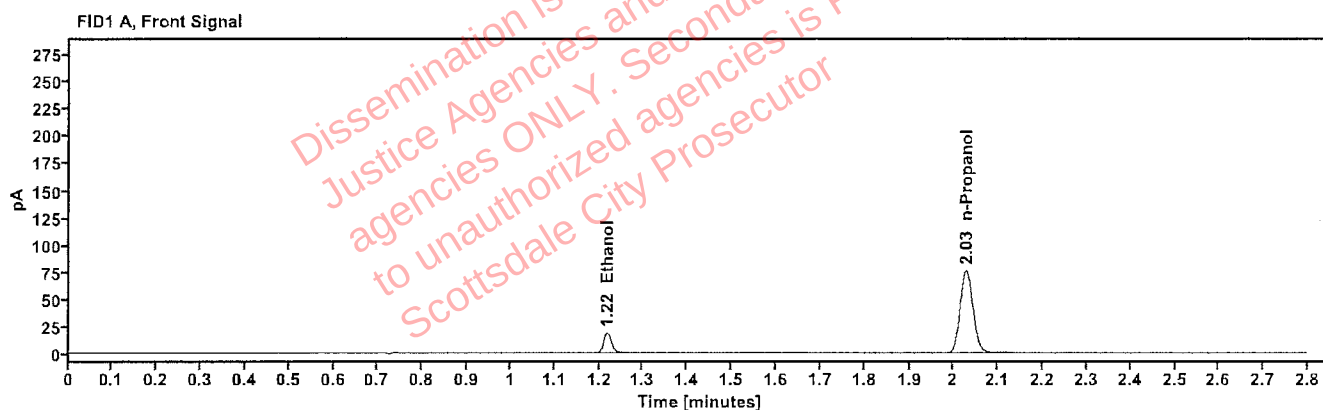


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0413	1.218	23.270
n-Propanol	-----	2.028	151.738

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

Compound	Time (min)	Peak Area
Ethanol	1.365	25.355
n-Propanol	2.451	164.235

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	Vial:	44
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 5:38:41 PM
Data file:	C:\Chem32\1\Data\21Jul25\44.D	Analyst:	Abbott

Handwritten signature

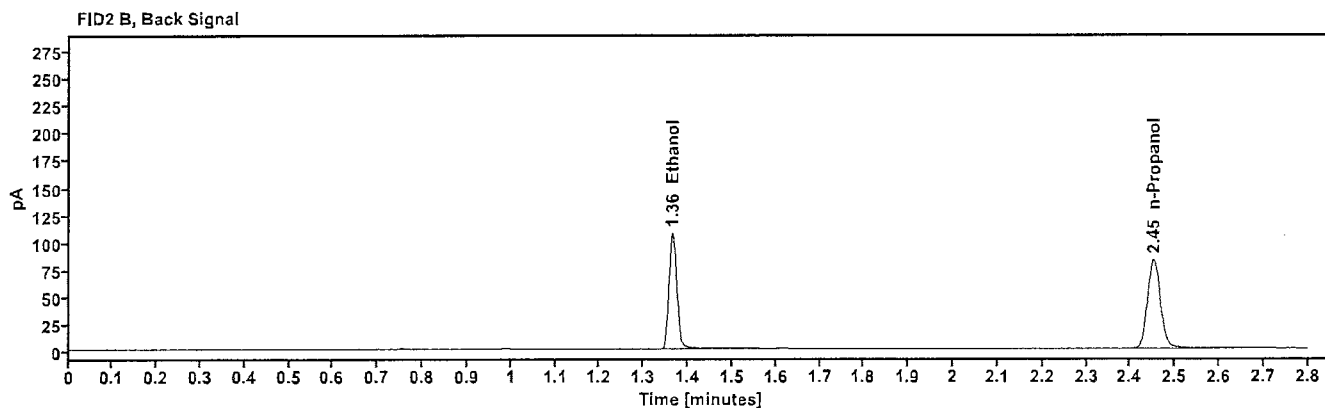
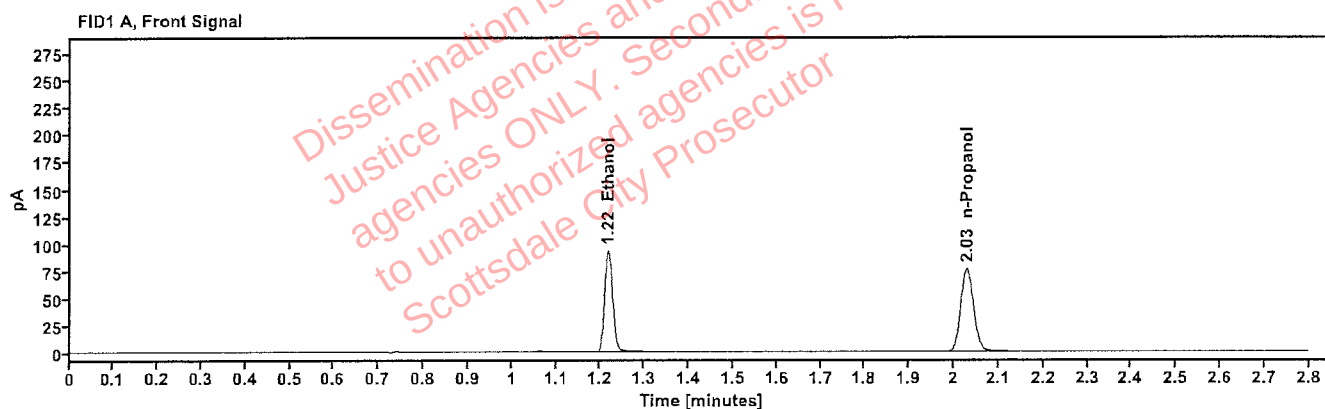


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2024	1.217	118.424
n-Propanol	-----	2.028	153.022

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

Compound	Time (min)	Peak Area
Ethanol	1.365	129.268
n-Propanol	2.452	165.678

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	060925AQ	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 5:42:42 PM
Data file:	C:\Chem32\1\Data\21Jul25\45.D	Analyst:	Abbott

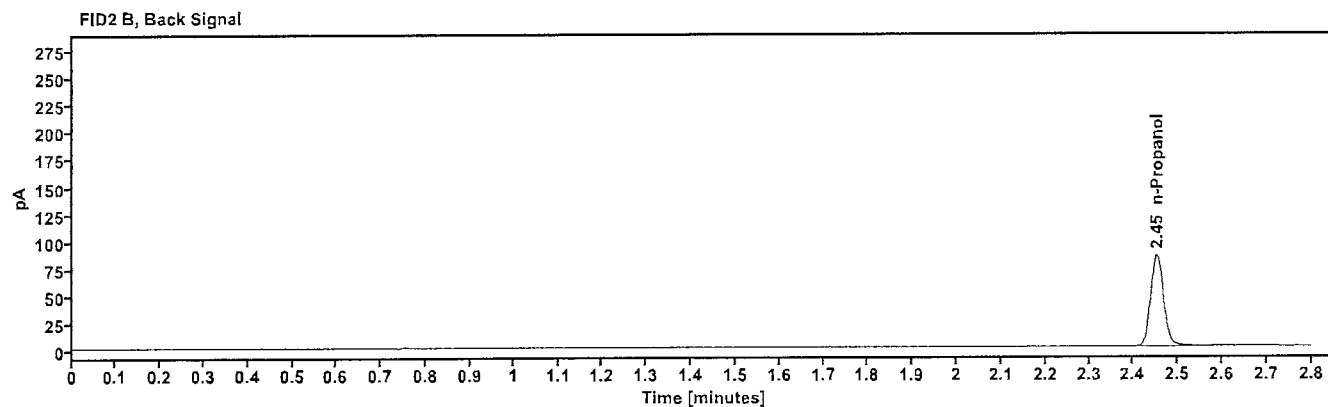
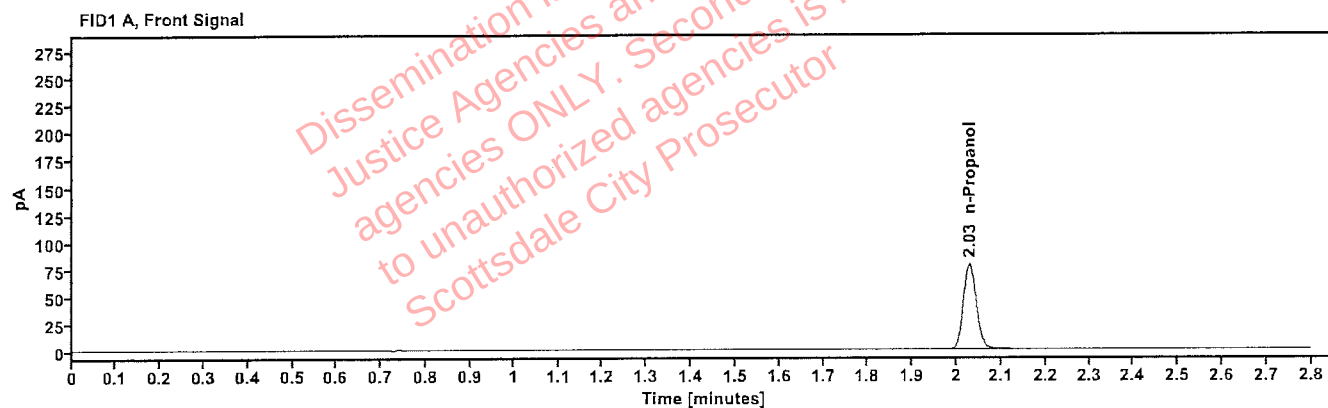


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.029	156.807

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

Compound	Time (min)	Peak Area
n-Propanol	2.452	169.651

Sequence Summary

Page 1 of 1

Sequence name: 21Jul25 Instrument: US14173023 CN14160045 Analyst: Abbott

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	0.020 calibrator	Calibration		ethanol quant.M
2	FN03072301	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	2513236-1		Sample		ethanol quant.M
11	2513236-1		Sample		ethanol quant.M
12	404-01D.L.		Sample		ethanol quant.M
13	404-01D.L.		Sample		ethanol quant.M
14	383-01D.C.		Sample		ethanol quant.M
15	383-01D.C.		Sample		ethanol quant.M
16	426-01M.H.		Sample		ethanol quant.M
17	426-01M.H.		Sample		ethanol quant.M
18	2513888-2		Sample		ethanol quant.M
19	2513888-2		Sample		ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	2513896-2		Sample		ethanol quant.M
22	2513896-2		Sample		ethanol quant.M
23	2513671-1		Sample		ethanol quant.M
24	2513671-1		Sample		ethanol quant.M
25	2514011-3		Sample		ethanol quant.M
26	2514011-3		Sample		ethanol quant.M
27	2514011-5		Sample		ethanol quant.M
28	2514011-5		Sample		ethanol quant.M
29	2514017-1		Sample		ethanol quant.M
30	2514017-1		Sample		ethanol quant.M
31	517758	0.100	Control		ethanol quant.M
32	2514019-1		Sample		ethanol quant.M
33	2514019-1		Sample		ethanol quant.M
34	2514069-2		Sample		ethanol quant.M
35	2514069-2		Sample		ethanol quant.M
36	2514130-2		Sample		ethanol quant.M
37	2514130-2		Sample		ethanol quant.M
38	2514303-1		Sample		ethanol quant.M
39	2514303-1		Sample		ethanol quant.M
40	2514028-3		Sample		ethanol quant.M
41	2514028-3		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: 21Jul25

ANALYST: Abbott

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2326	0.2336	0.23310	0.21	0.00050
12 13	0.1341	0.1362	0.13515	0.78	0.00105
14 15	0.1552	0.1561	0.15565	0.29	0.00045
16 17	0.1792	0.1797	0.17945	0.14	0.00025
18 19	0.1054	0.1062	0.10580	0.38	0.00040
21 22	0.0960	0.0964	0.09620	0.21	0.00020
23 24	0.2520	0.2555	0.25375	0.69	0.00175
25 26	0.1501	0.1497	0.14990	0.13	0.00020
27 28	0.1844	0.1861	0.18525	0.46	0.00085
29 30	0.1621	0.1632	0.16265	0.34	0.00055
32 33	0.2264	0.2248	0.22560	0.35	0.00080
34 35	0.1313	0.1306	0.13095	0.27	0.00035
36 37	0.2226	0.2195	0.22105	0.70	0.00155
38 39	0.2804	0.2774	0.27890	0.54	0.00150
40 41	0.0891	0.0905	0.08980	0.78	0.00070

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

SEQUENCE: 21Jul25

Headspace Vial 1	Headspace Vial 2	Blood Tube
2513236-1	2513236-1	2513236-1
404-01D.L.	404-01D.L.	404-01D.L.
383-01D.C.	383-01D.C.	383-01D.C.
426-01M.H.	426-01M.H.	426-01M.H.
2513888-2	2513888-2	2513888-2
2513896-2	2513896-2	2513896-2
2513671-1	2513671-1	2513671-1
2514011-3	2514011-3	2514011-3
2514011-5	2514011-5	2514011-5
2514017-1	2514017-1	2514017-1
2514019-1	2514019-1	2514019-1

Abbott, Lori - (22-Jul-2025)

Case: User: LAbbott 7/22/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513236-1	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 3:21:12 PM
Data file:	C:\Chem32\1\Data\21Jul25\10.D	Analyst:	Abbott

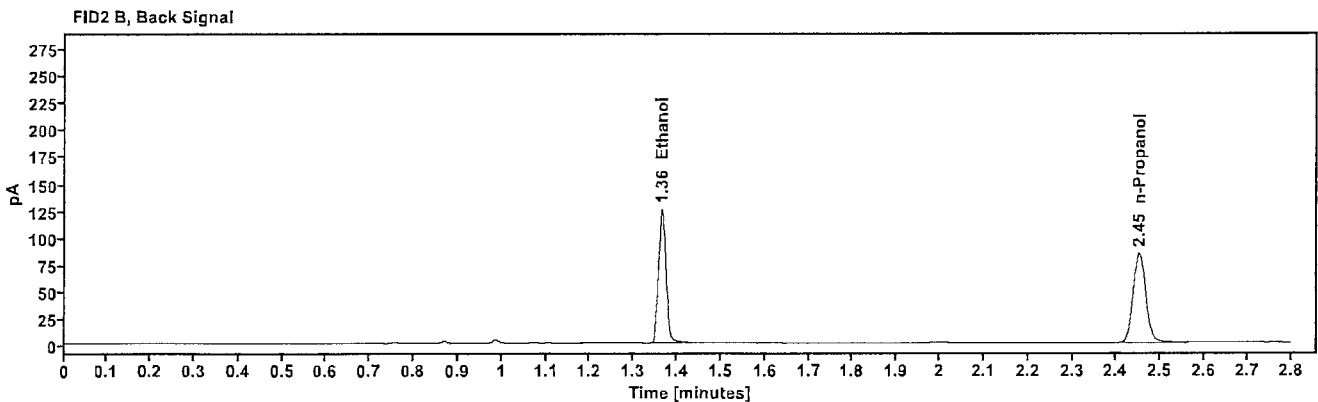
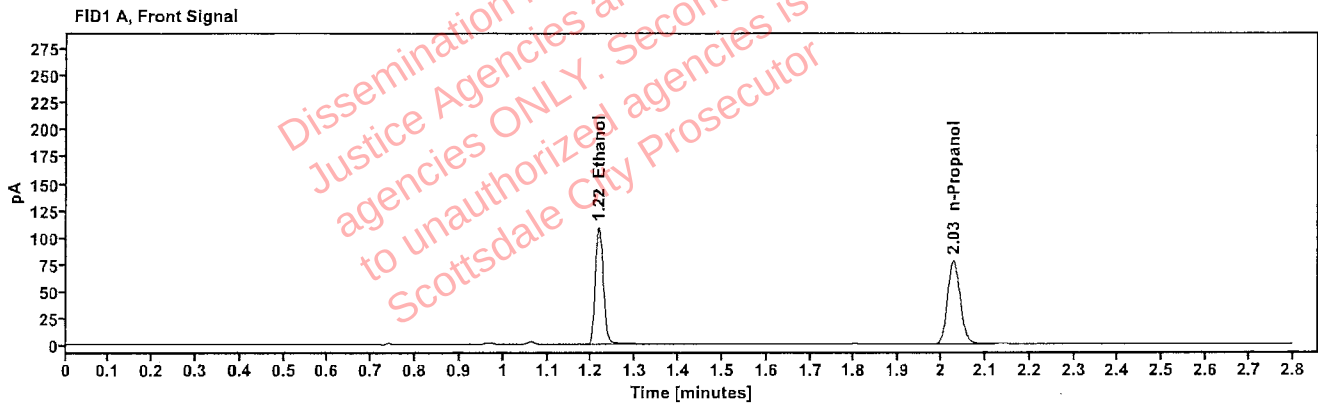


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2326	1.216	138.218
n-Propanol	-----	2.028	155.247

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

Compound	Time (min)	Peak Area
Ethanol	1.364	151.197
n-Propanol	2.451	168.190

[REDACTED]: Abbott, Lori - (22-Jul-2025)
Case: [REDACTED] User: LAbbott 7/22/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513236-1	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 3:25:11 PM
Data file:	C:\Chem32\1\Data\21Jul25\11.D	Analyst:	Abbott

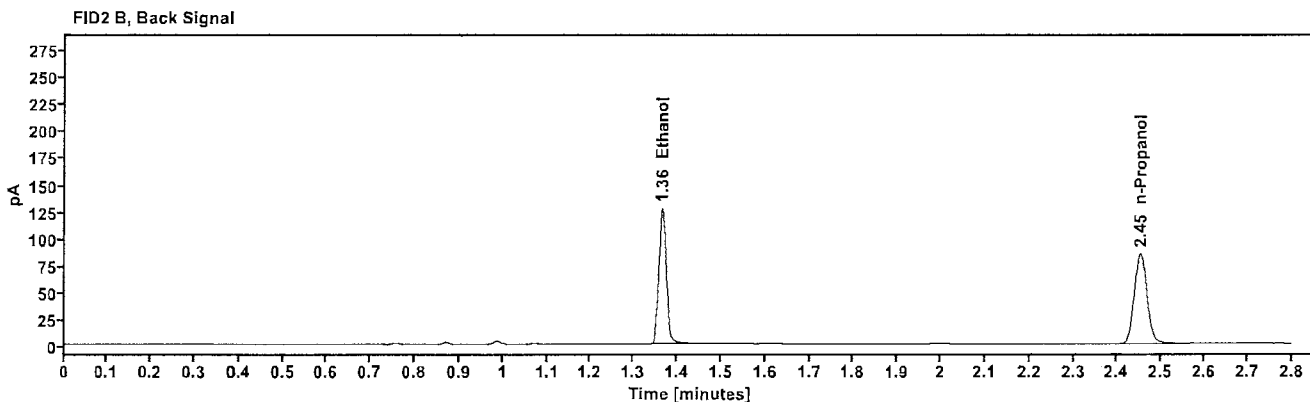
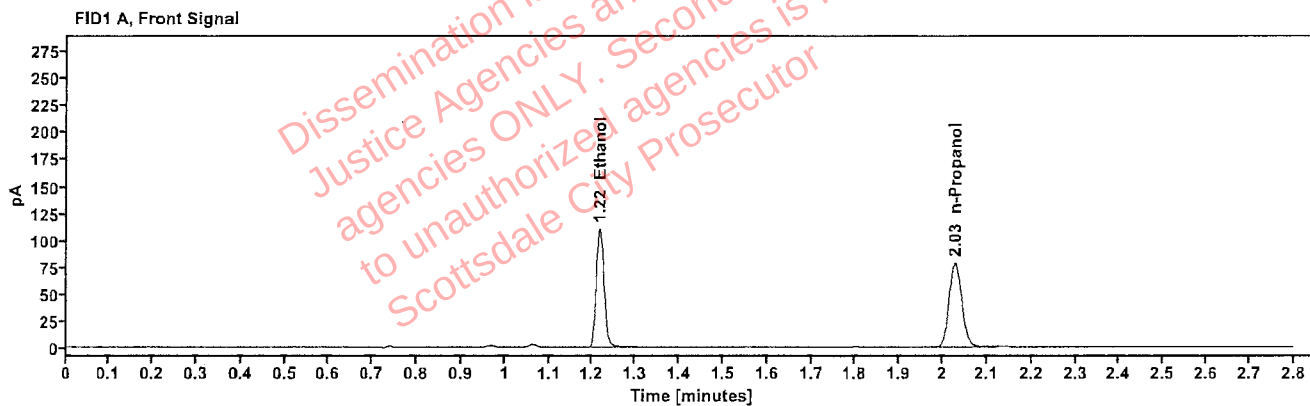


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2336	1.217	139.812
n-Propanol	-----	2.028	156.366

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

Compound	Time (min)	Peak Area
Ethanol	1.365	153.269
n-Propanol	2.451	169.547

[REDACTED]: Abbott, Lori - (22-Jul-2025)

Case: [REDACTED] User: LAbbott 7/22/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01D.L.	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 3:29:11 PM
Data file:	C:\Chem32\1\Data\21Jul25\12.D	Analyst:	Abbott

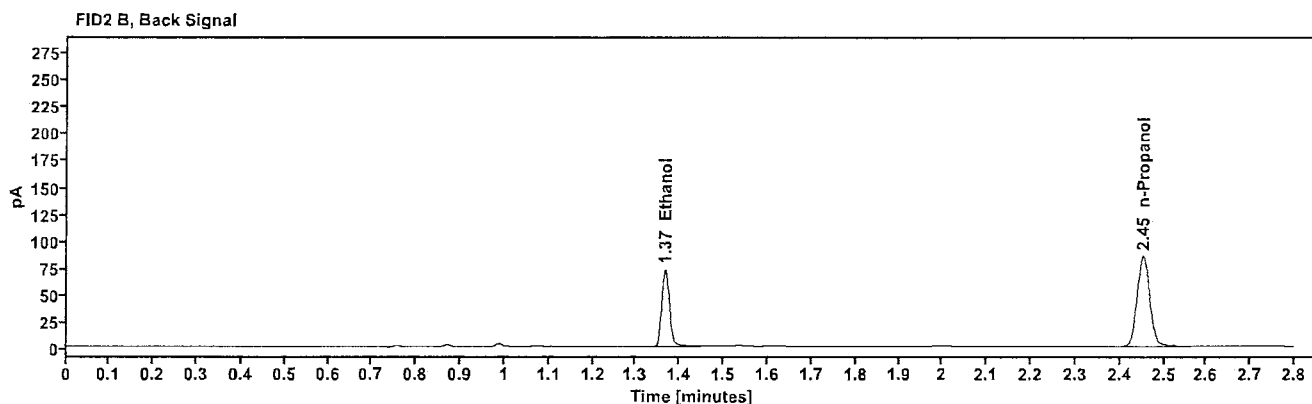
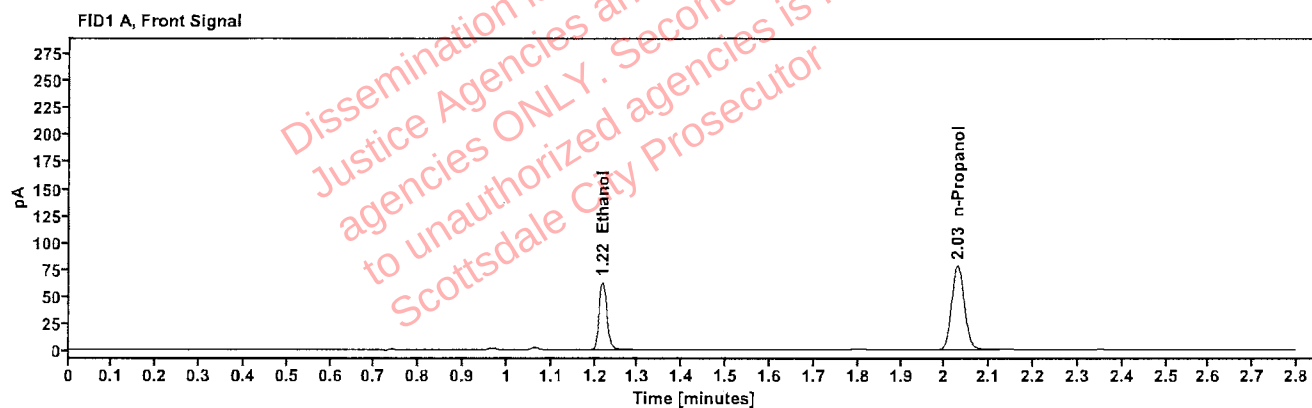


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1341	1.218	79.798
n-Propanol	-----	2.029	156.253

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

Compound	Time (min)	Peak Area
Ethanol	1.366	87.226
n-Propanol	2.453	168.972

: Abbott, Lori - (22-Jul-2025)

Case: User: LAbbott 7/22/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01D.L.	Vial:	13
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 3:33:26 PM
Data file:	C:\Chem32\1\Data\21Jul25\13.D	Analyst:	Abbott

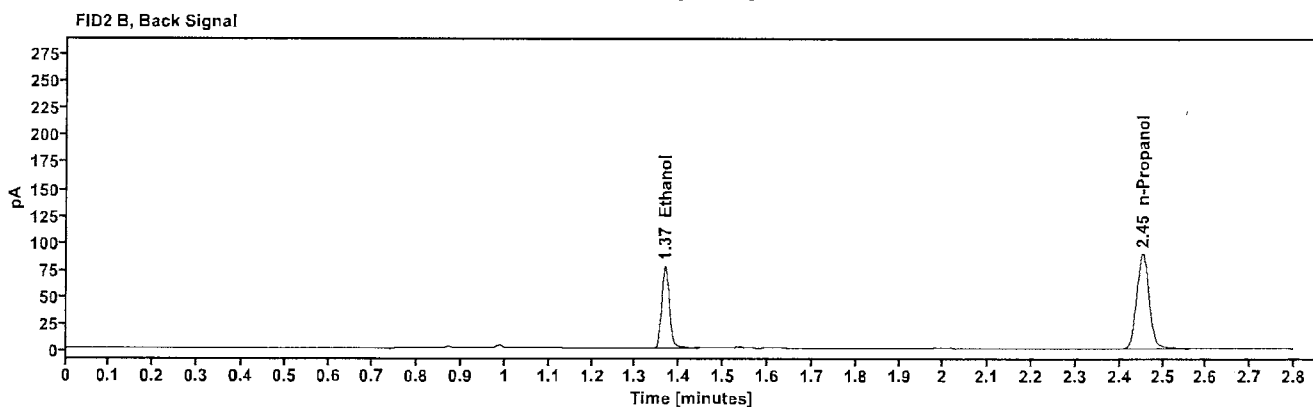
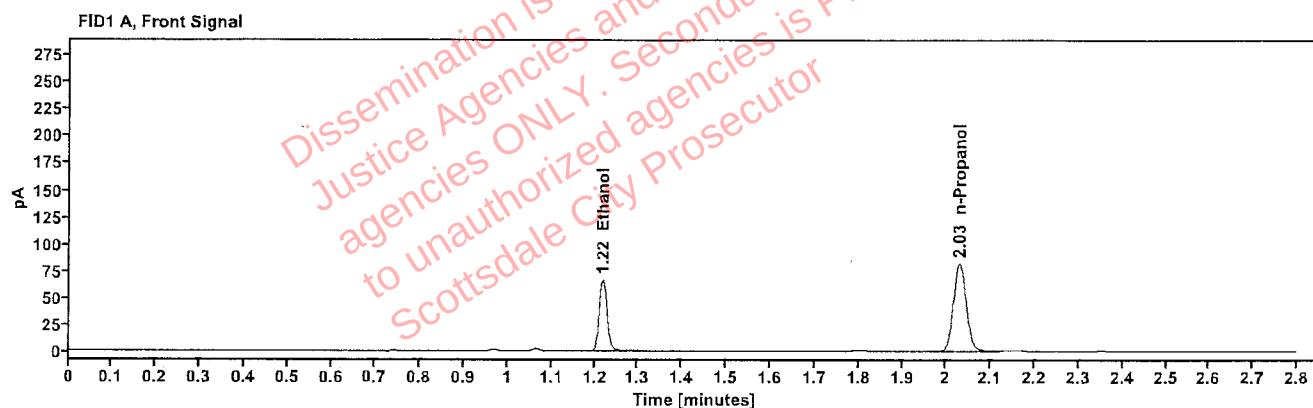


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1362	1.218	84.876
n-Propanol	-----	2.029	163.505

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

Compound	Time (min)	Peak Area
Ethanol	1.367	92.712
n-Propanol	2.453	176.906

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	383-01D.C.	Vial:	14
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 3:37:26 PM
Data file:	C:\Chem32\1\Data\21Jul25\14.D	Analyst:	Abbott

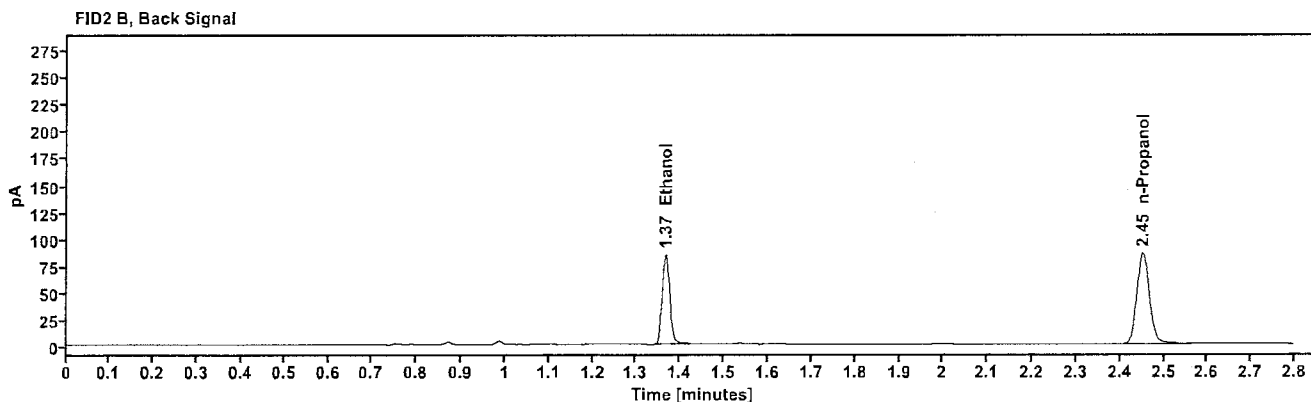
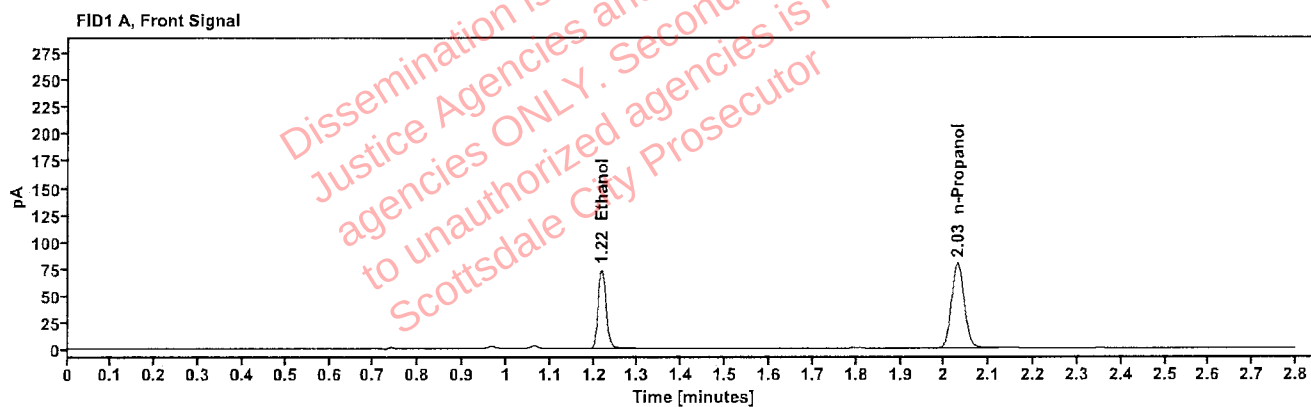


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1552	1.218	93.229
n-Propanol	-----	2.029	157.439

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

Compound	Time (min)	Peak Area
Ethanol	1.366	101.858
n-Propanol	2.453	170.453

Abbott, Lori - (22-Jul-2025)

Case: User: LAbbott 7/22/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	383-01D.C.	Vial:	15
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 3:41:26 PM
Data file:	C:\Chem32\1\Data\21Jul25\15.D	Analyst:	Abbott

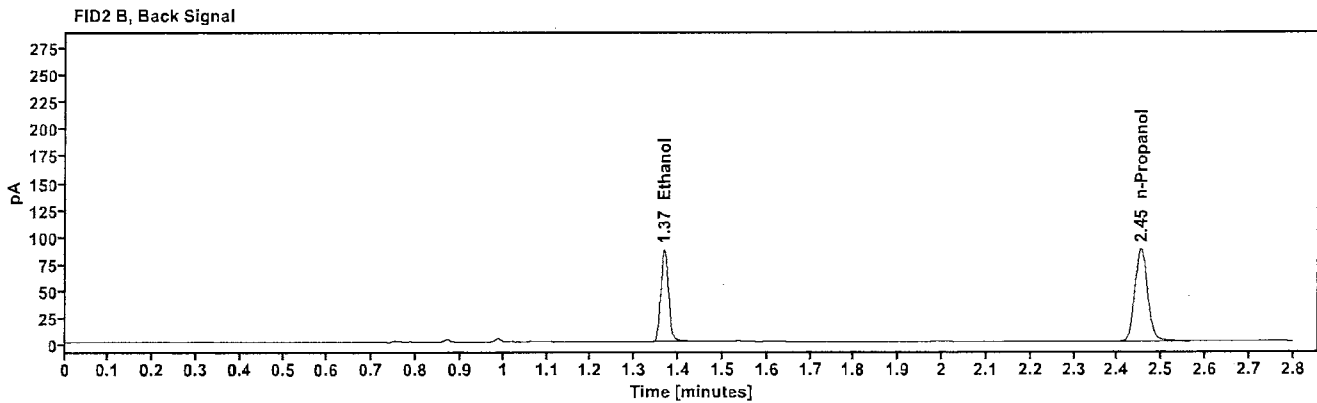
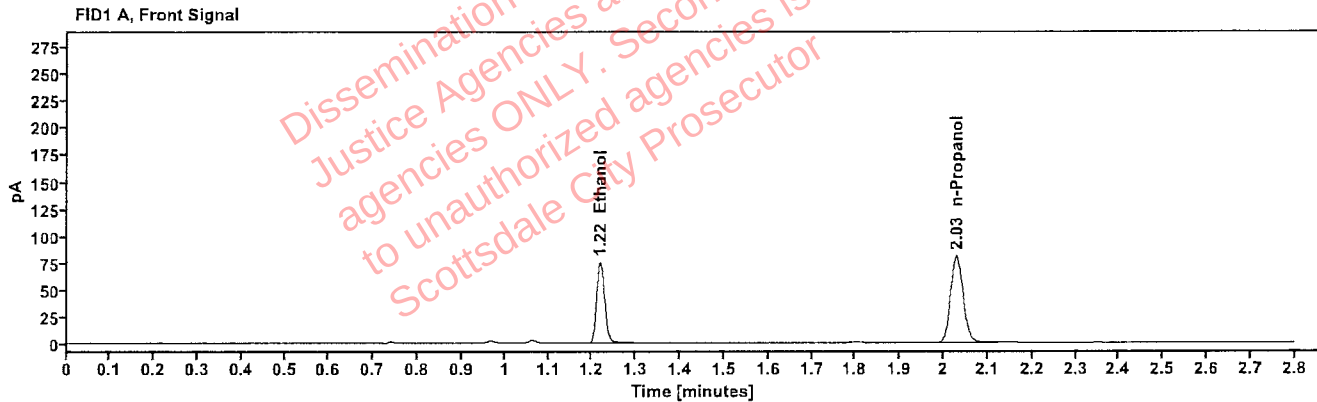


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1561	1.218	95.711
n-Propanol	—	2.029	160.672

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

Compound	Time (min)	Peak Area
Ethanol	1.367	104.773
n-Propanol	2.453	173.895

Abbott, Lori - (22-Jul-2025)

Case: User: LAbbott 7/22/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	426-01M.H.	Vial:	16
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 3:45:26 PM
Data file:	C:\Chem32\1\Data\21Jul25\16.D	Analyst:	Abbott

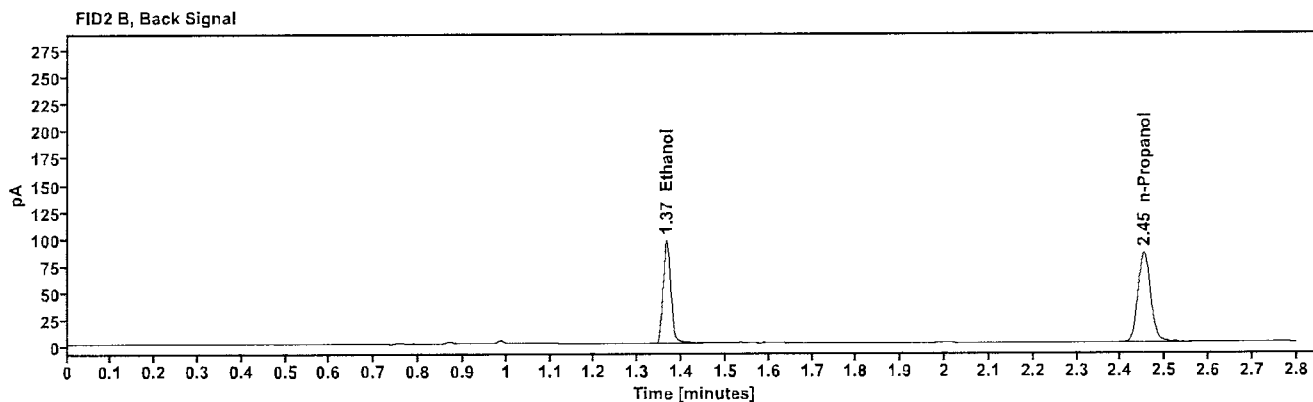
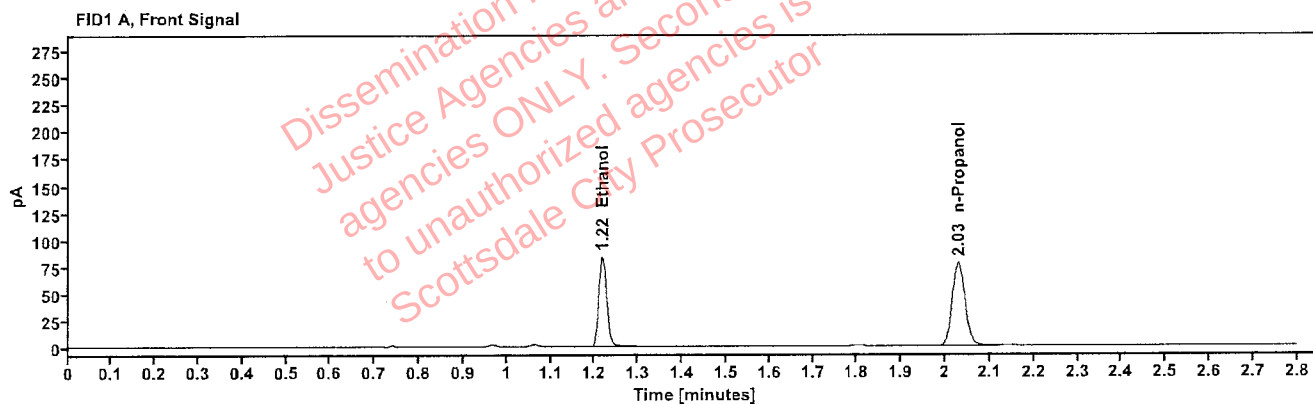


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1792	1.217	106.069
n-Propanol	-----	2.029	154.942

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

Compound	Time (min)	Peak Area
Ethanol	1.365	116.147
n-Propanol	2.452	167.631

: Abbott, Lori - (22-Jul-2025)

Case: User: LAbbott 7/22/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	426-01M.H.	Vial:	17
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 3:49:26 PM
Data file:	C:\Chem32\1\Data\21Jul25\17.D	Analyst:	Abbott

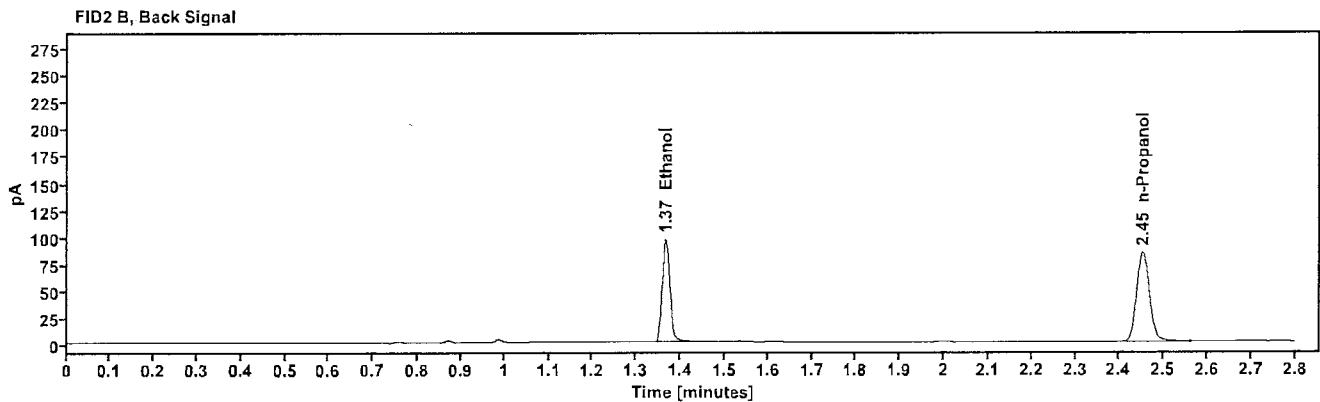
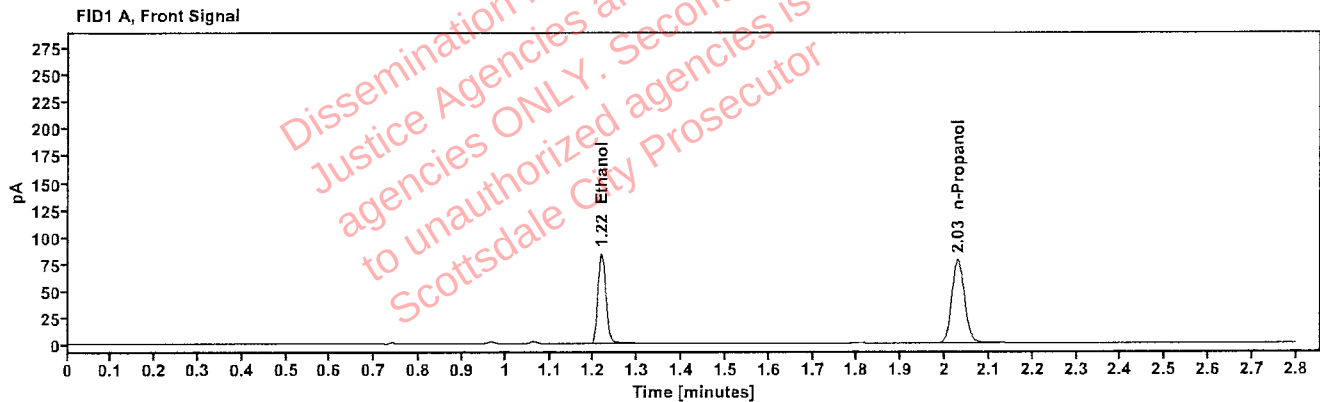


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1797	1.217	106.957
n-Propanol	-----	2.029	155.784

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

Compound	Time (min)	Peak Area
Ethanol	1.366	116.841
n-Propanol	2.452	168.502

[REDACTED]: Abbott, Lori - (22-Jul-2025)

Case: [REDACTED] User: LAbbott 7/22/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513888-2	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 3:53:26 PM
Data file:	C:\Chem32\1\Data\21Jul25\18.D	Analyst:	Abbott

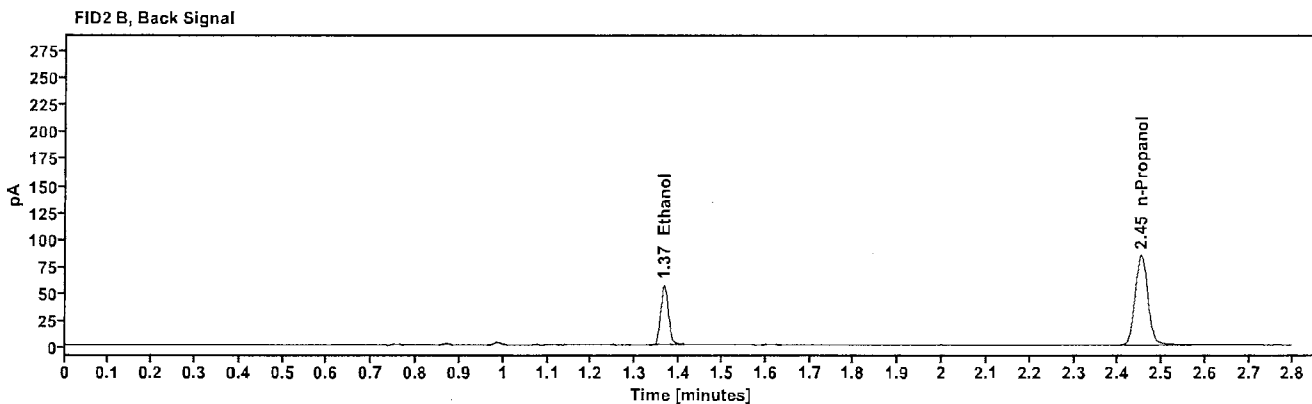
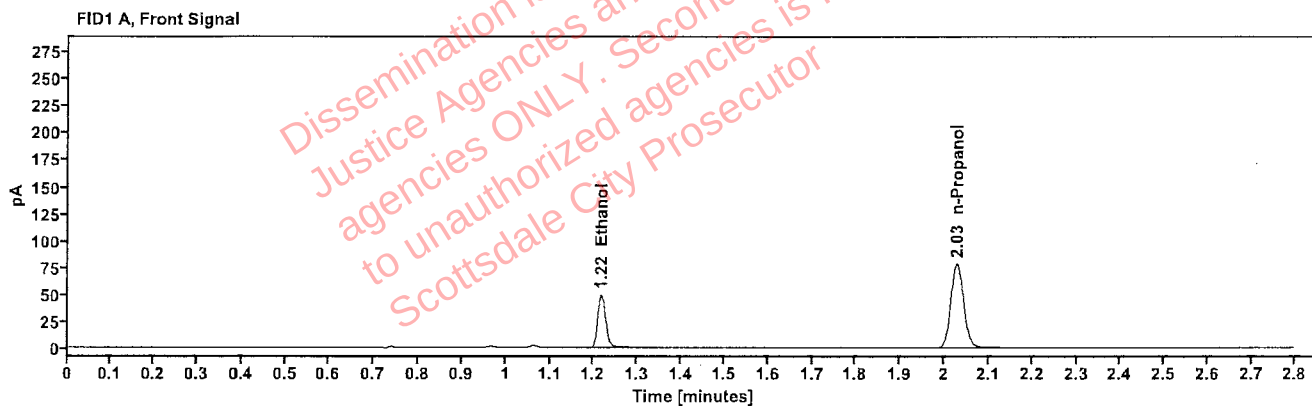


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1054	1.217	62.506
n-Propanol	-----	2.028	156.147

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

Compound	Time (min)	Peak Area
Ethanol	1.365	68.115
n-Propanol	2.451	169.070

: Abbott, Lori - (22-Jul-2025)

Case: User: LAbbott 7/22/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513888-2	Vial:	19
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 3:57:41 PM
Data file:	C:\Chem32\1\Data\21Jul25\19.D	Analyst:	Abbott

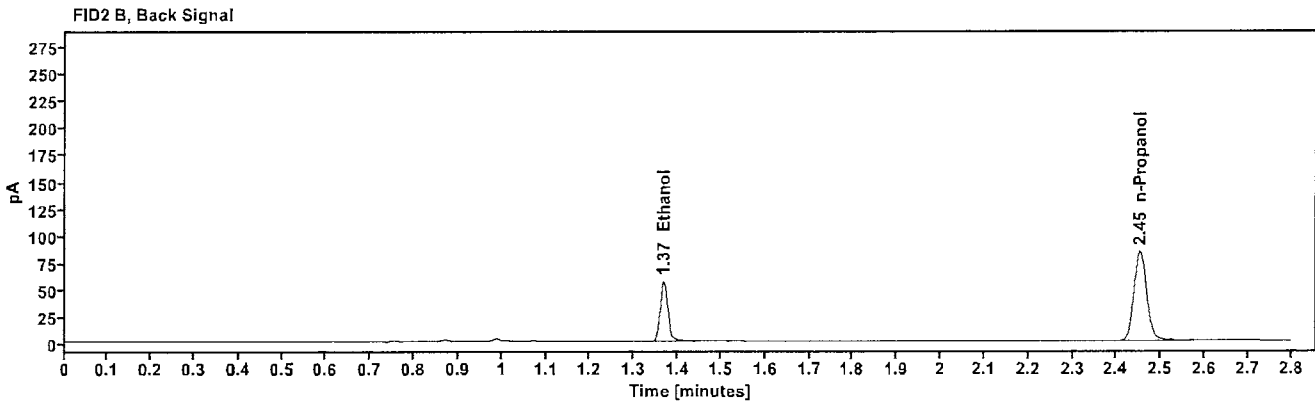
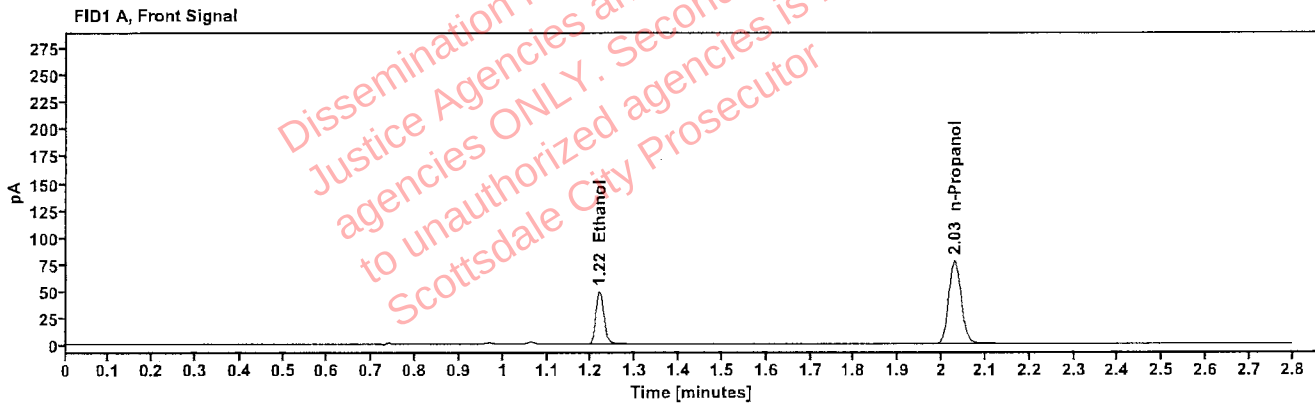


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1062	1.218	62.346
n-Propanol	-----	2.029	154.556

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

Compound	Time (min)	Peak Area
Ethanol	1.367	68.088
n-Propanol	2.453	167.203

[REDACTED]: Abbott, Lori - (22-Jul-2025)

Case: [REDACTED] User: LAbbott 7/22/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513896-2	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 4:05:42 PM
Data file:	C:\Chem32\1\Data\21Jul25\21.D	Analyst:	Abbott

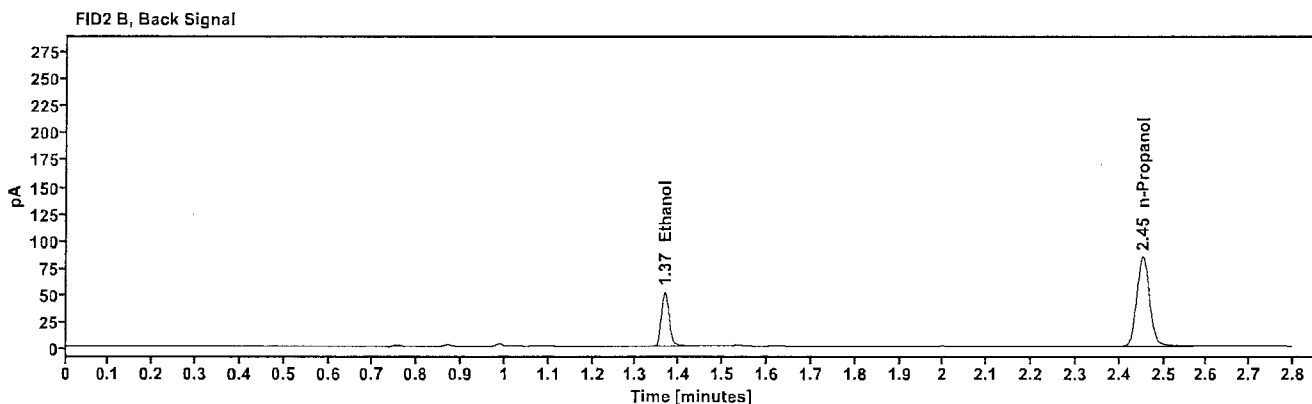
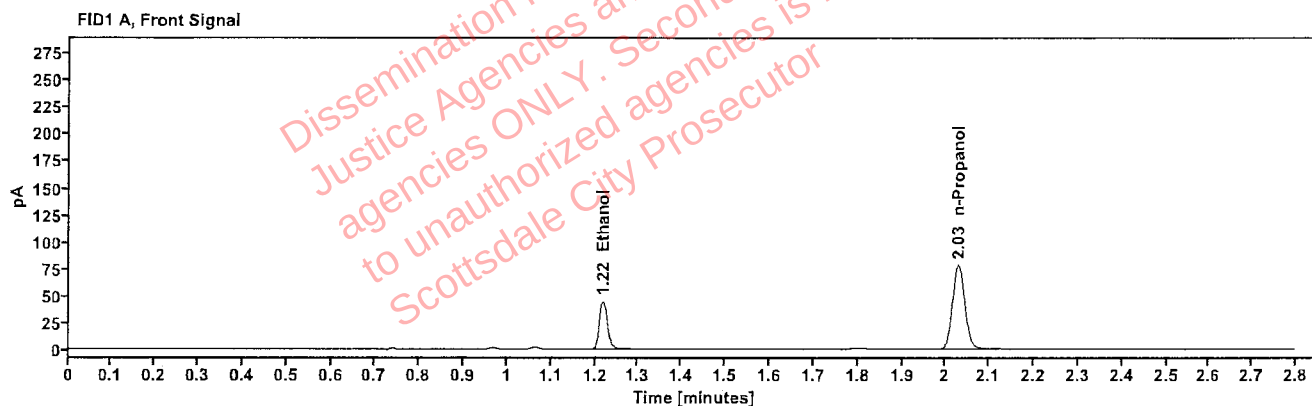


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0960	1.218	56.765
n-Propanol	-----	2.029	155.916

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

Compound	Time (min)	Peak Area
Ethanol	1.367	61.939
n-Propanol	2.453	168.573

[REDACTED]: Abbott, Lori - (22-Jul-2025)

Case: [REDACTED] User: LAbbott 7/22/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513896-2	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 4:09:41 PM
Data file:	C:\Chem32\1\Data\21Jul25\22.D	Analyst:	Abbott

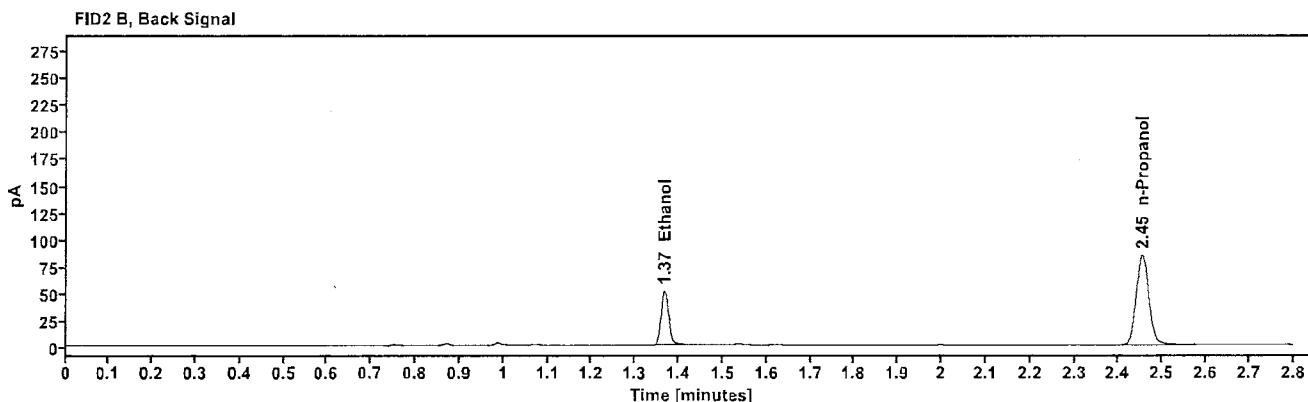
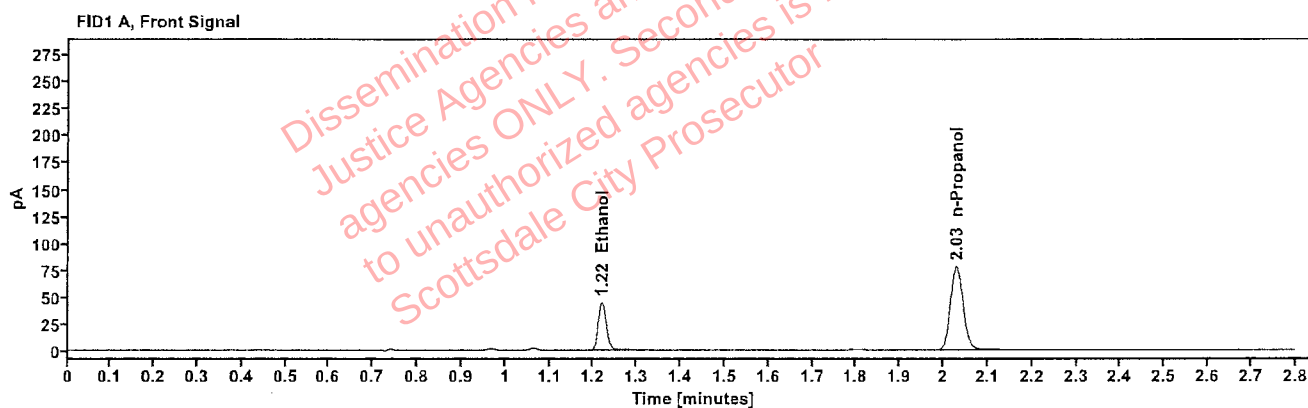


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0964	1.218	57.040
n-Propanol	-----	2.029	156.082

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

Compound	Time (min)	Peak Area
Ethanol	1.367	62.049
n-Propanol	2.453	168.587

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513671-1	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 4:13:41 PM
Data file:	C:\Chem32\1\Data\21Jul25\23.D	Analyst:	Abbott

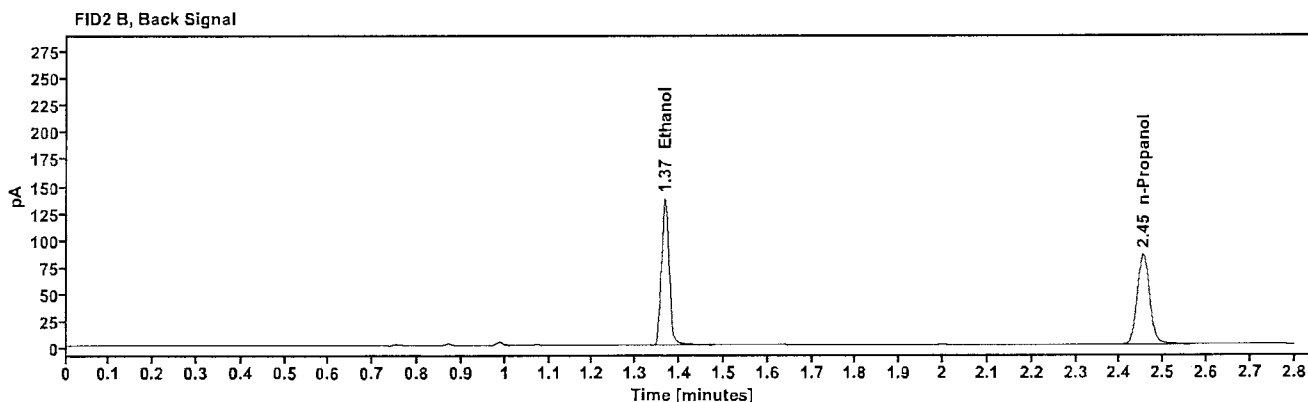
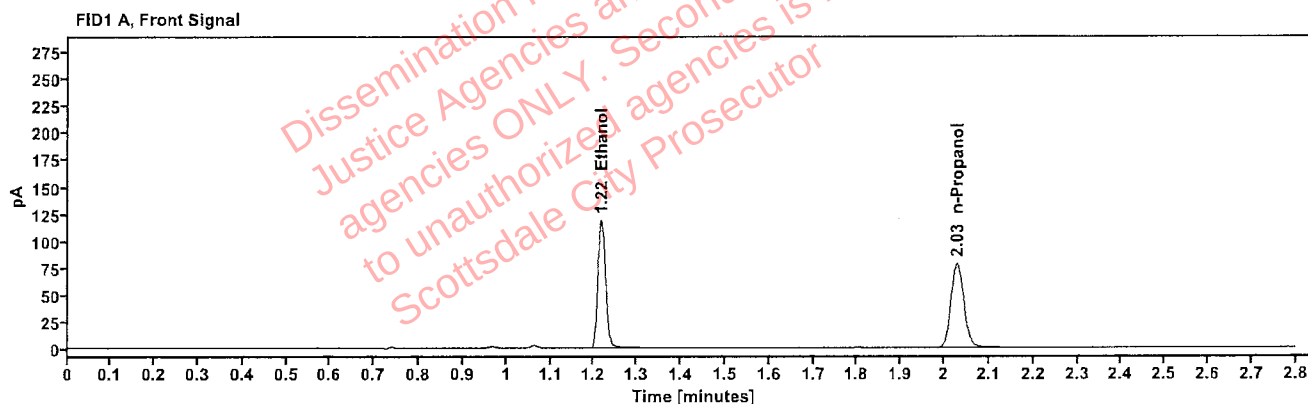


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2520	1.217	150.984
n-Propanol	-----	2.029	156.454

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

Compound	Time (min)	Peak Area
Ethanol	1.366	165.840
n-Propanol	2.452	168.694

[REDACTED] : Abbott, Lori - (22-Jul-2025)

Case: [REDACTED] User: LAbbott 7/22/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513671-1	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 4:17:41 PM
Data file:	C:\Chem32\1\Data\21Jul25\24.D	Analyst:	Abbott

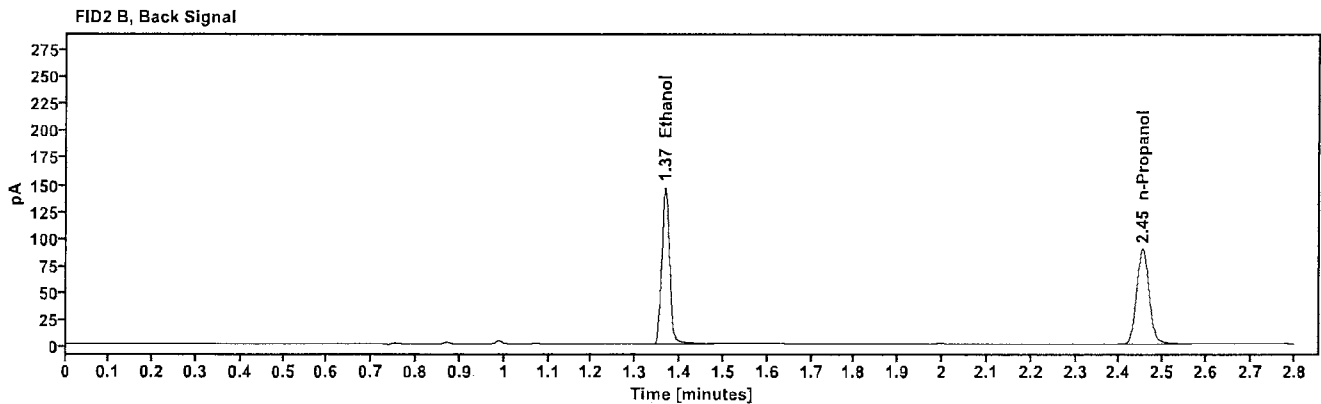
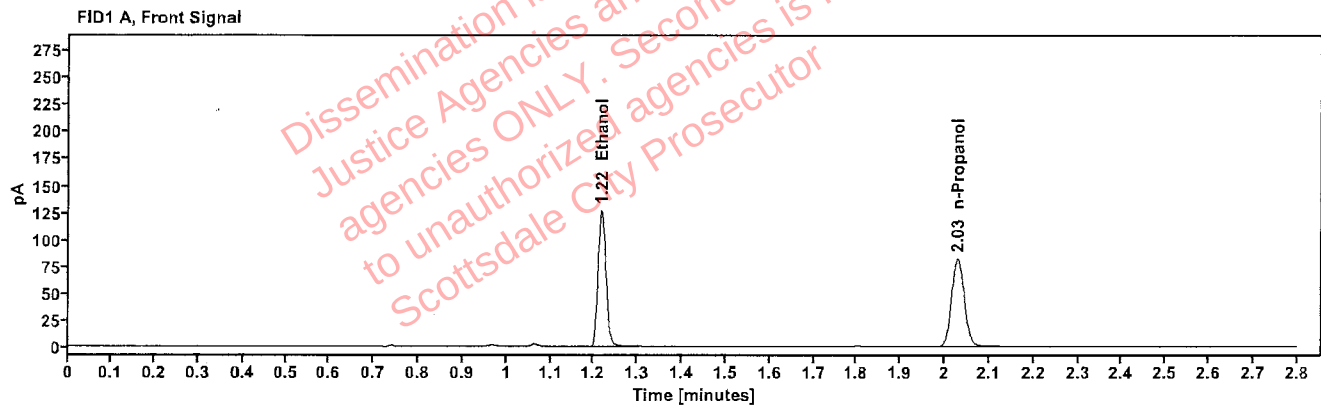


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2555	1.217	161.111
n-Propanol	-----	2.029	164.678

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

Compound	Time (min)	Peak Area
Ethanol	1.366	177.125
n-Propanol	2.452	177.683

: Abbott, Lori - (22-Jul-2025)

Case: User: LAbbott 7/22/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514011-3	Vial:	25
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 4:21:57 PM
Data file:	C:\Chem32\1\Data\21Jul25\25.D	Analyst:	Abbott

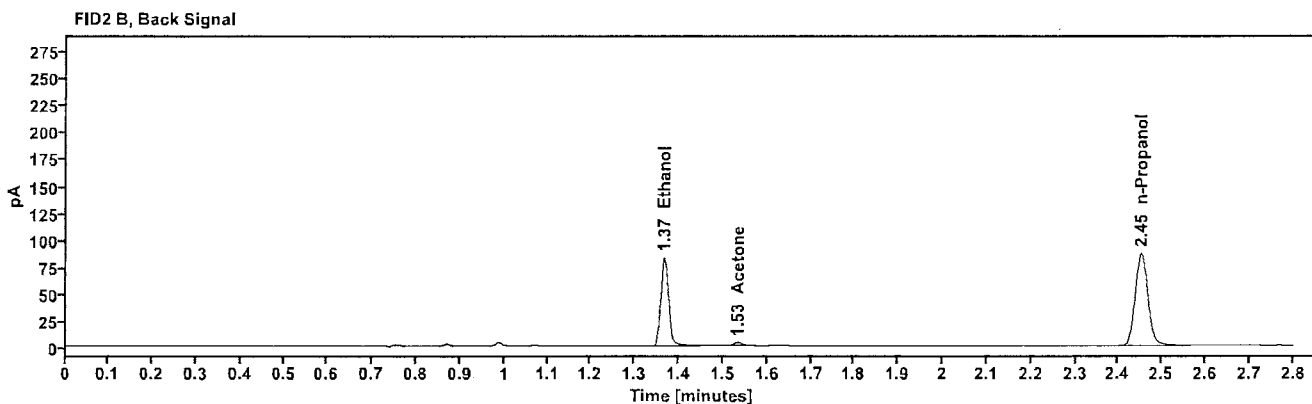
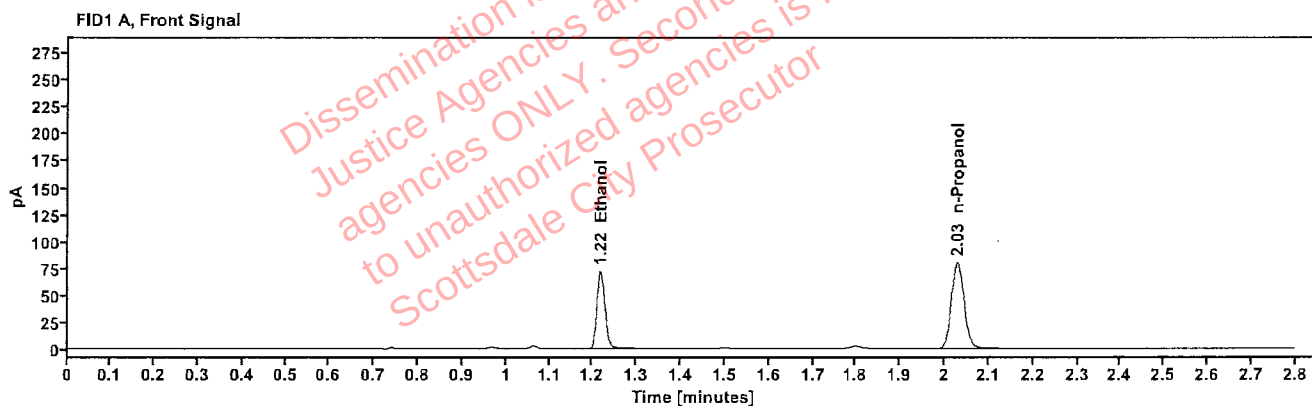


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1501	1.218	91.658
n-Propanol	-----	2.029	160.072

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

Compound	Time (min)	Peak Area
Ethanol	1.366	100.010
Acetone	1.534	3.940
n-Propanol	2.452	172.851

: Abbott, Lori - (22-Jul-2025)

Case: User: LAbbott 7/22/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514011-3	Vial:	26
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 4:25:58 PM
Data file:	C:\Chem32\1\Data\21Jul25\26.D	Analyst:	Abbott

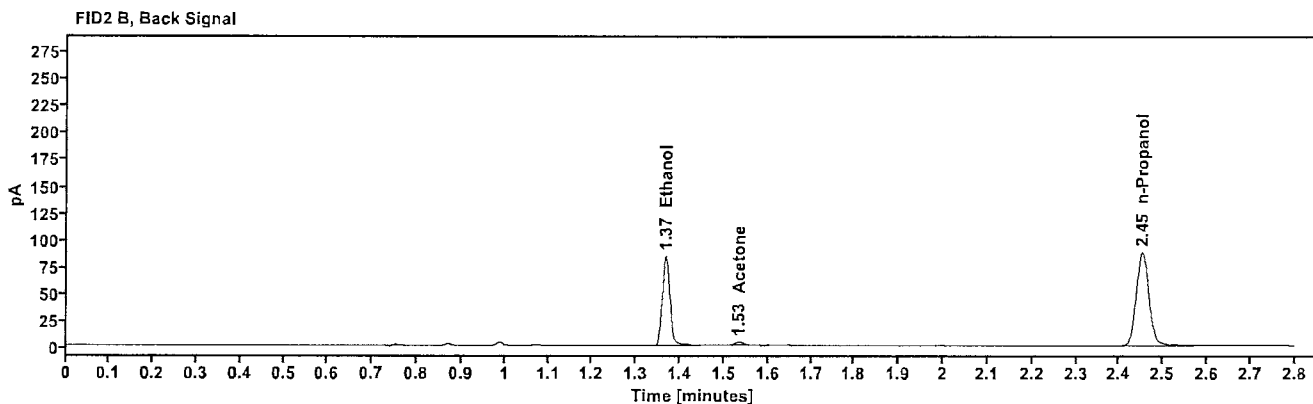
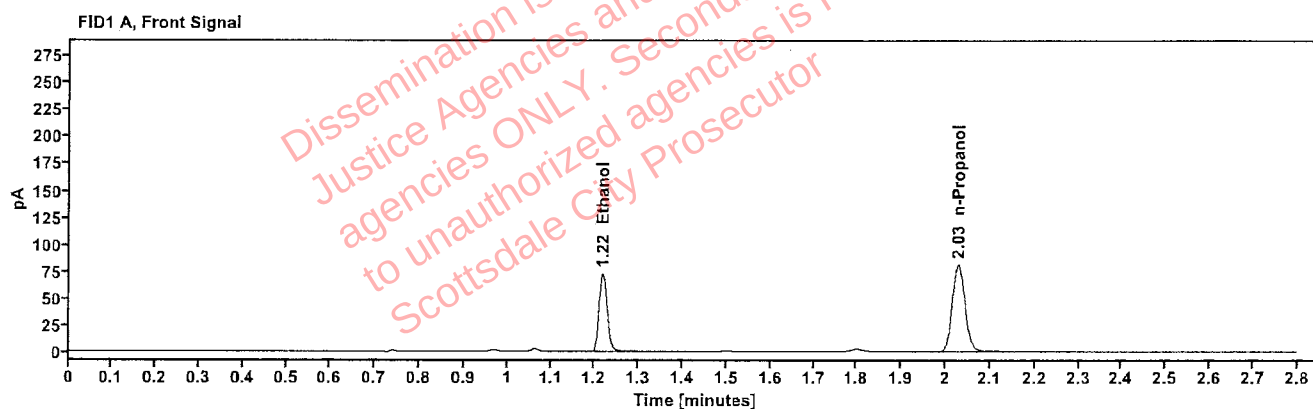


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1497	1.218	92.577
n-Propanol	-----	2.029	162.147

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

Compound	Time (min)	Peak Area
Ethanol	1.366	100.933
Acetone	1.534	3.983
n-Propanol	2.452	175.124

[REDACTED]: Abbott, Lori - (22-Jul-2025)

Case: [REDACTED] User: LAbbott 7/22/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514011-5	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 4:29:57 PM
Data file:	C:\Chem32\1\Data\21Jul25\27.D	Analyst:	Abbott

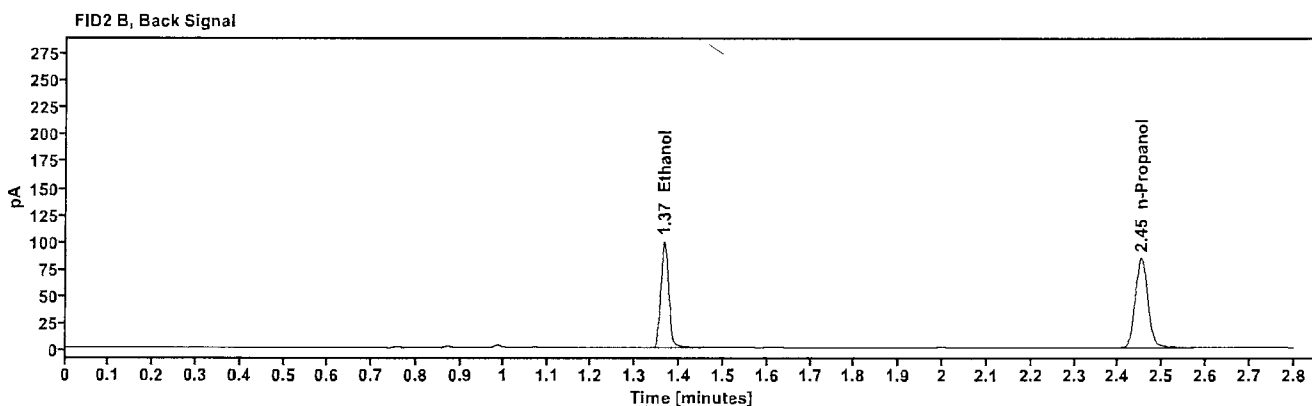
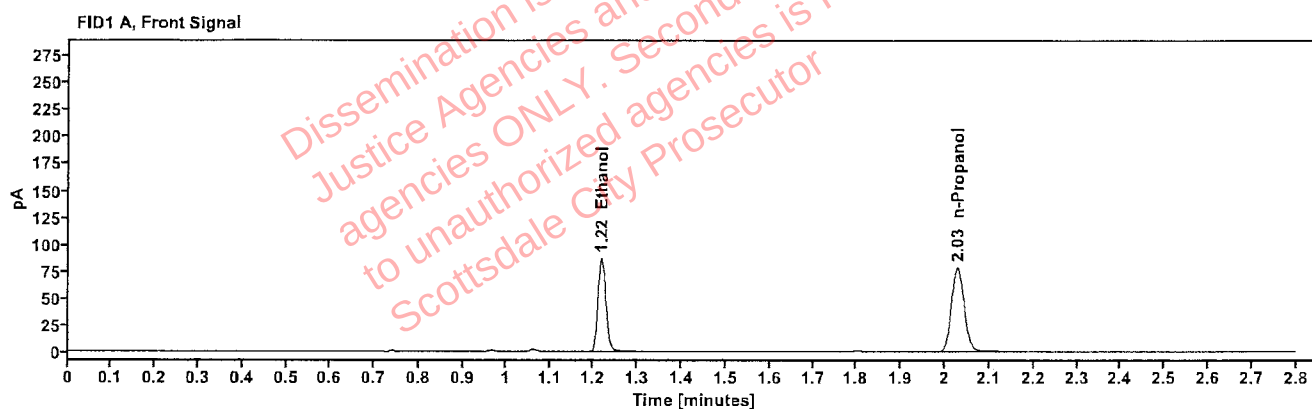


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1844	1.217	109.893
n-Propanol	-----	2.028	155.964

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

Compound	Time (min)	Peak Area
Ethanol	1.365	120.151
n-Propanol	2.452	168.541

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514011-5	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 4:33:57 PM
Data file:	C:\Chem32\1\Data\21Jul25\28.D	Analyst:	Abbott

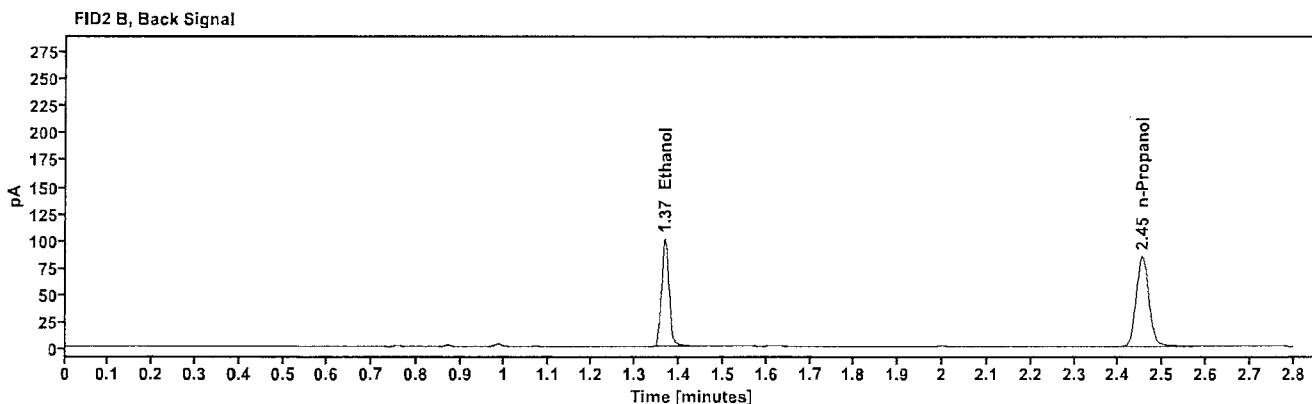
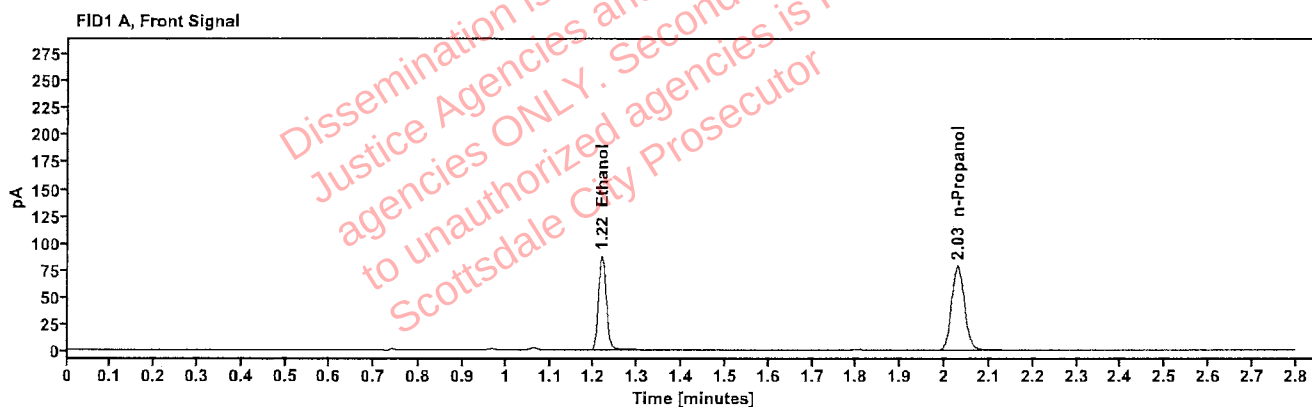


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1861	1.218	111.220
n-Propanol	-----	2.029	156.368

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

Compound	Time (min)	Peak Area
Ethanol	1.366	121.422
n-Propanol	2.453	168.929

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514017-1	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 4:37:56 PM
Data file:	C:\Chem32\1\Data\21Jul25\29.D	Analyst:	Abbott

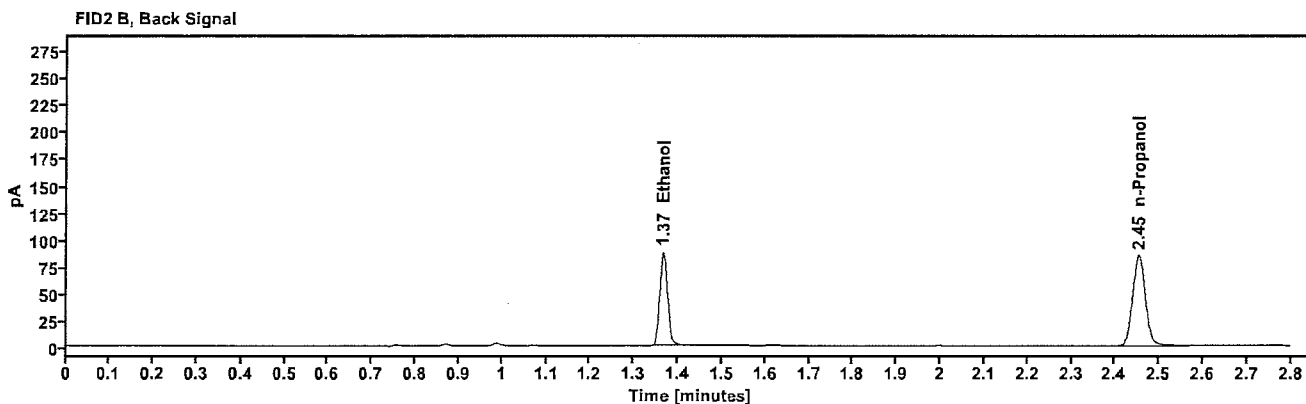
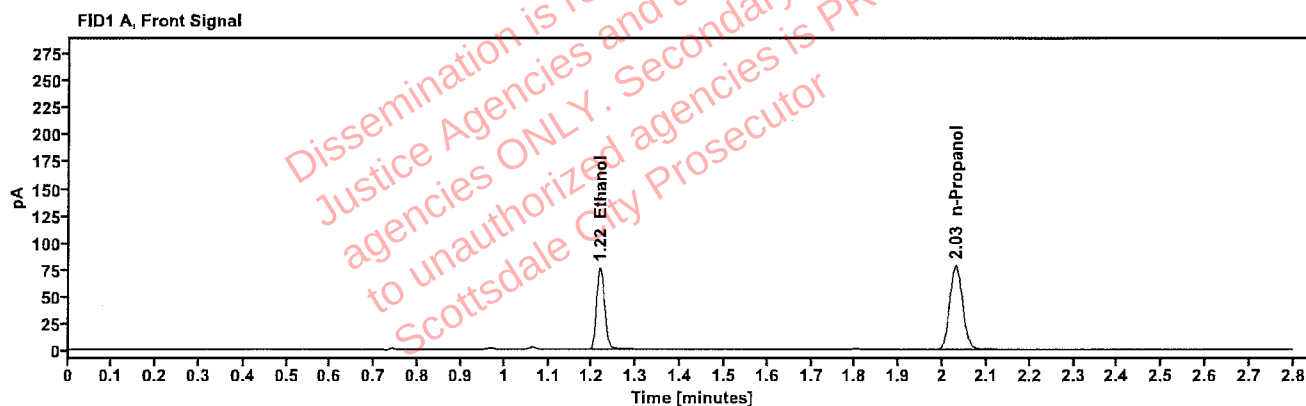


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1621	1.218	97.156
n-Propanol	-----	2.029	156.999

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

Compound	Time (min)	Peak Area
Ethanol	1.366	106.053
n-Propanol	2.453	169.534

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514017-1	Vial:	30
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 4:41:57 PM
Data file:	C:\Chem32\1\Data\21Jul25\30.D	Analyst:	Abbott

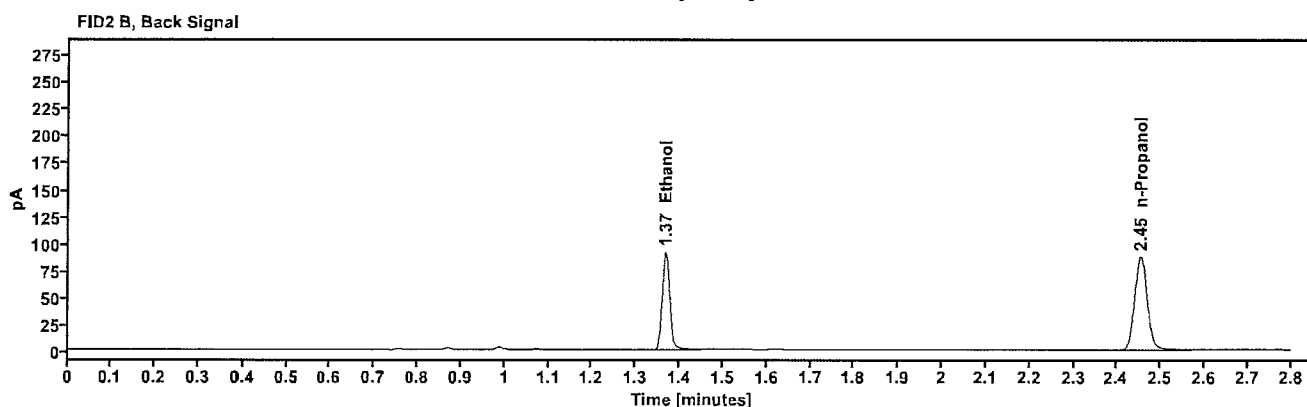
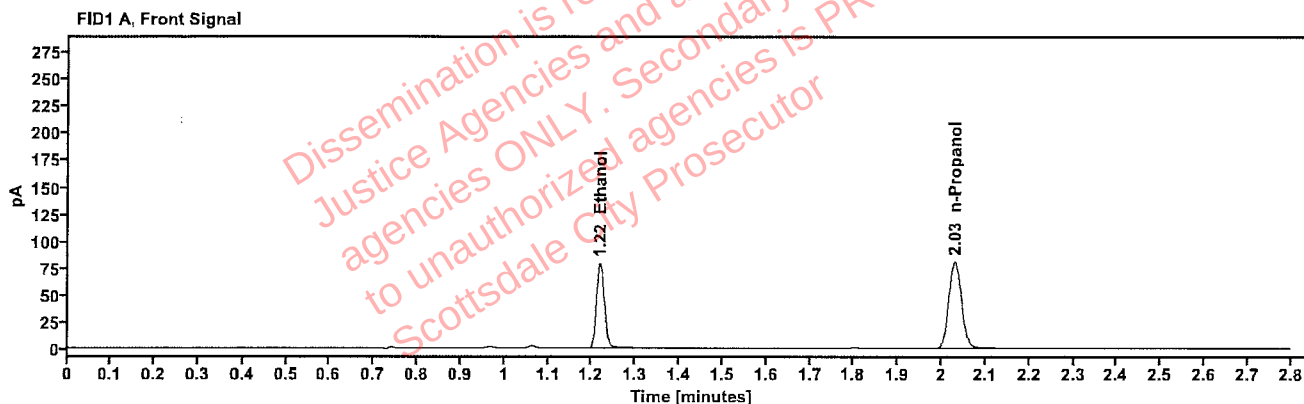


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1632	1.218	101.133
n-Propanol	—	2.029	162.368

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

Compound	Time (min)	Peak Area
Ethanol	1.367	110.487
n-Propanol	2.453	175.440

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514019-1	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 4:50:12 PM
Data file:	C:\Chem32\1\Data\21Jul25\32.D	Analyst:	Abbott

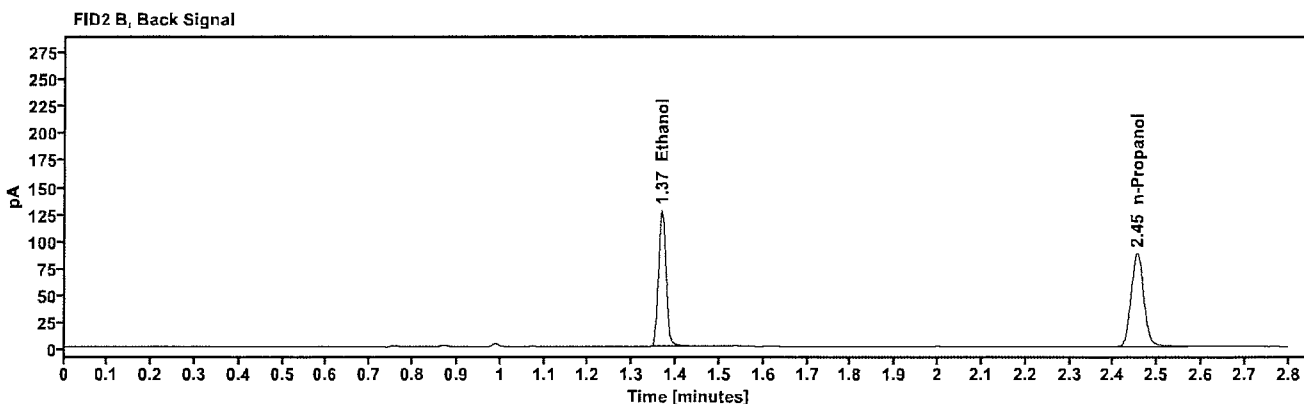
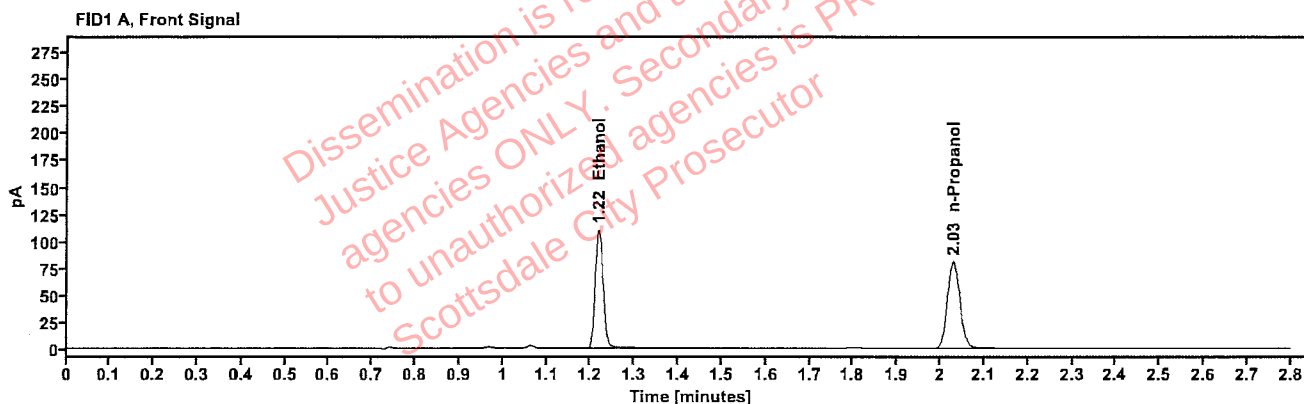


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2264	1.218	140.457
n-Propanol	-----	2.029	162.120

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

Compound	Time (min)	Peak Area
Ethanol	1.367	153.688
n-Propanol	2.453	175.158

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514019-1	Vial:	33
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 4:54:11 PM
Data file:	C:\Chem32\1\Data\21Jul25\33.D	Analyst:	Abbott

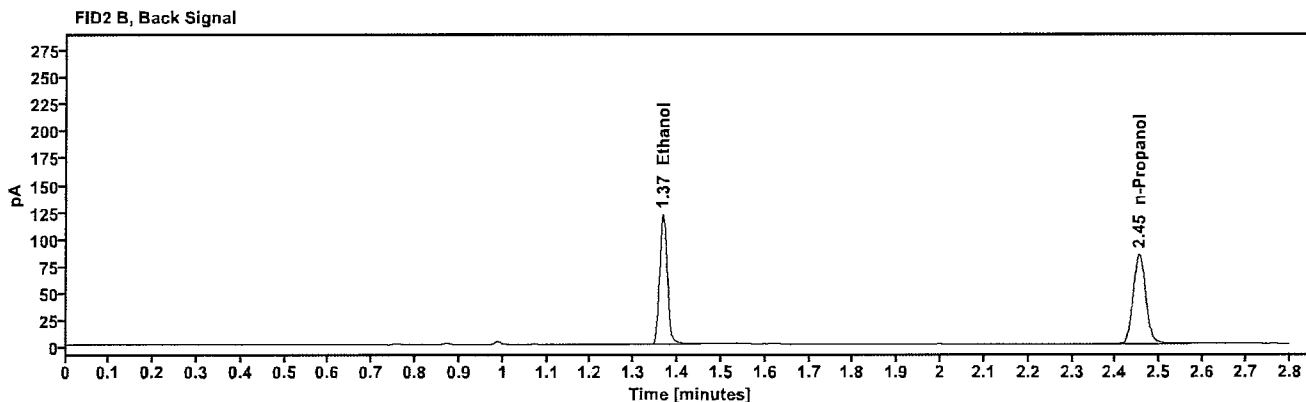
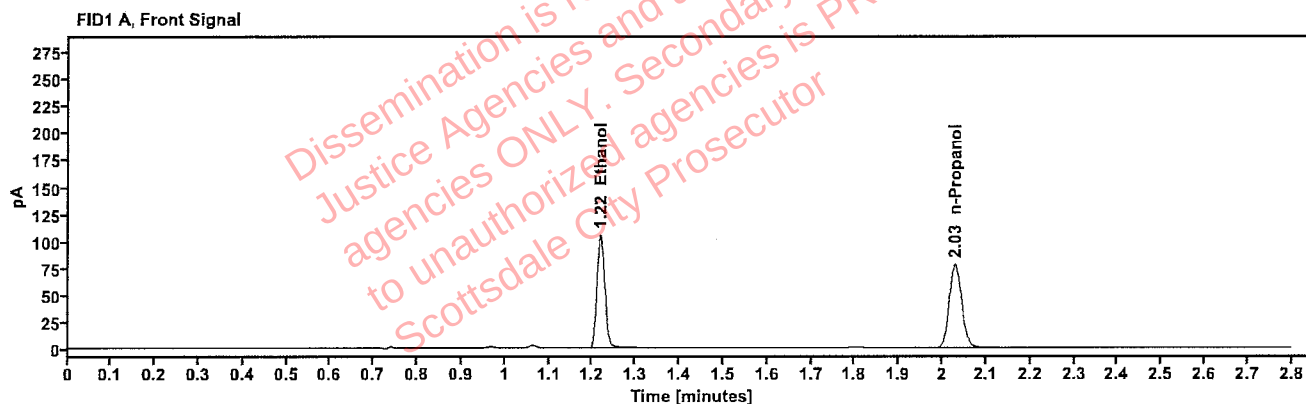


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2248	1.217	134.004
n-Propanol	—	2.029	155.775

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

Compound	Time (min)	Peak Area
Ethanol	1.366	146.822
n-Propanol	2.453	168.271

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514069-2	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 4:58:12 PM
Data file:	C:\Chem32\1\Data\21Jul25\34.D	Analyst:	Abbott

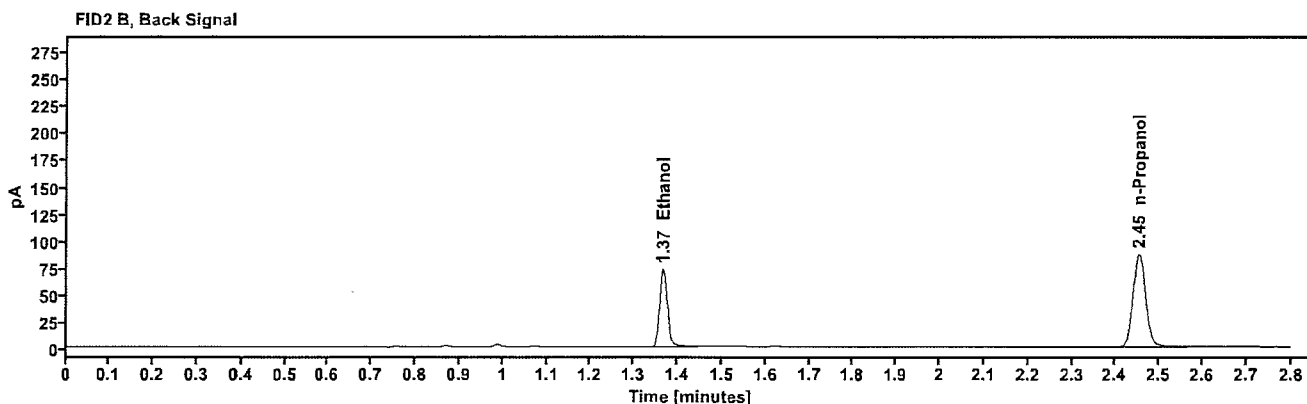
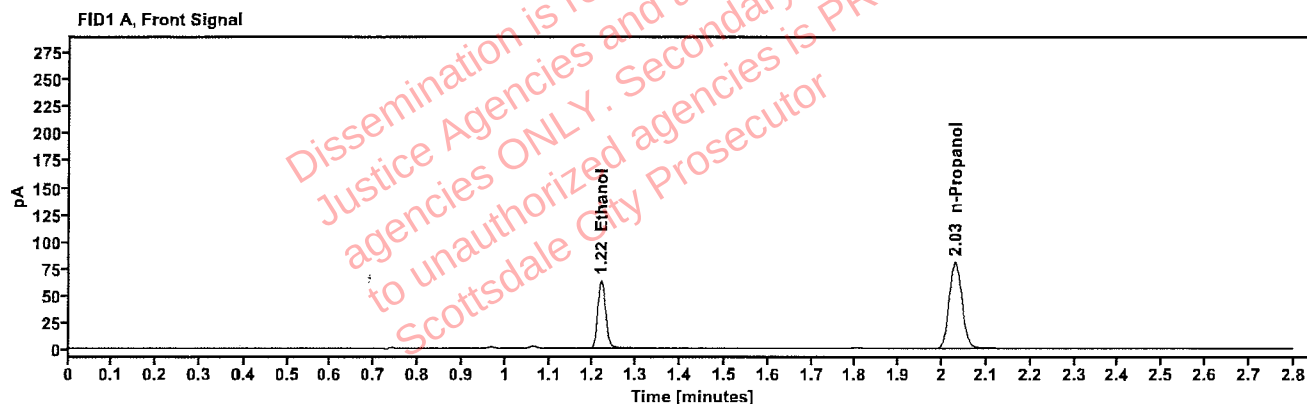


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1313	1.218	80.621
n-Propanol	-----	2.029	161.241

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

Compound	Time (min)	Peak Area
Ethanol	1.367	87.888
n-Propanol	2.453	174.148

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514069-2	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 5:02:11 PM
Data file:	C:\Chem32\1\Data\21Jul25\35.D	Analyst:	Abbott

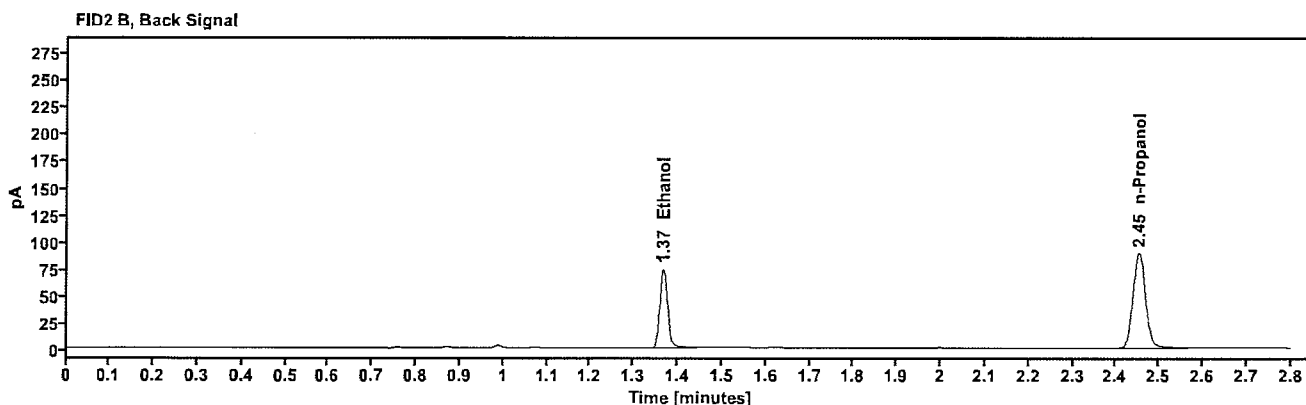
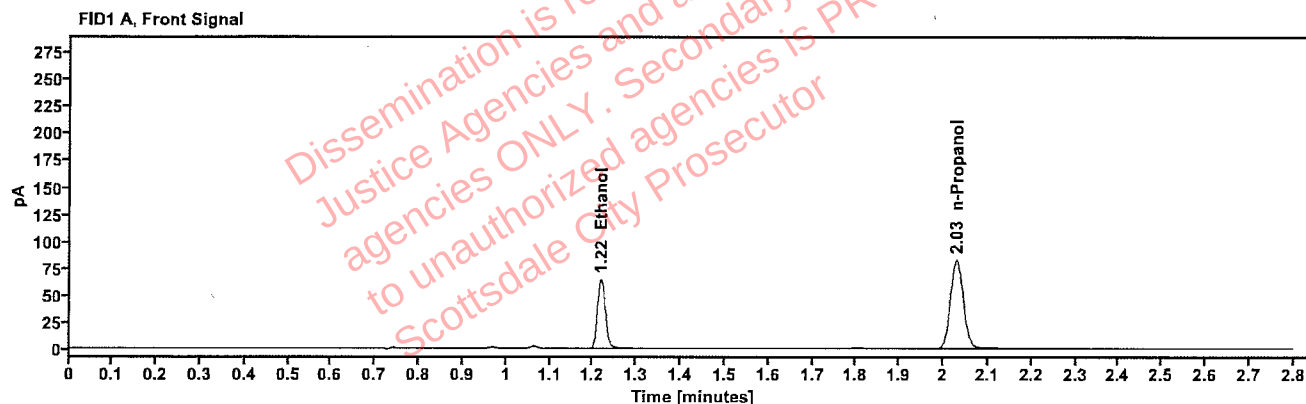


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1306	1.218	82.311
n-Propanol	----	2.029	165.471

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

Compound	Time (min)	Peak Area
Ethanol	1.367	89.774
n-Propanol	2.453	178.626

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514130-2	Vial:	36
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 5:06:12 PM
Data file:	C:\Chem32\1\Data\21Jul25\36.D	Analyst:	Abbott

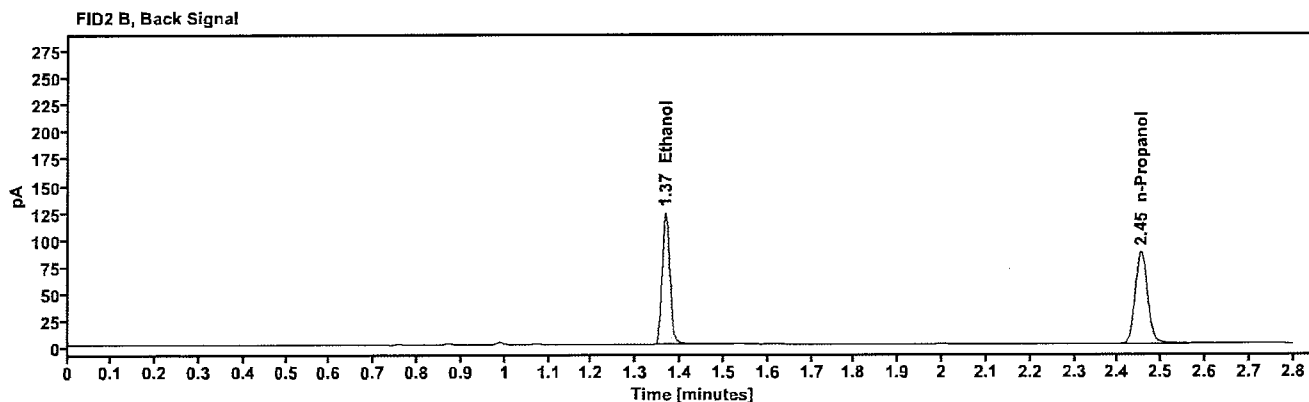
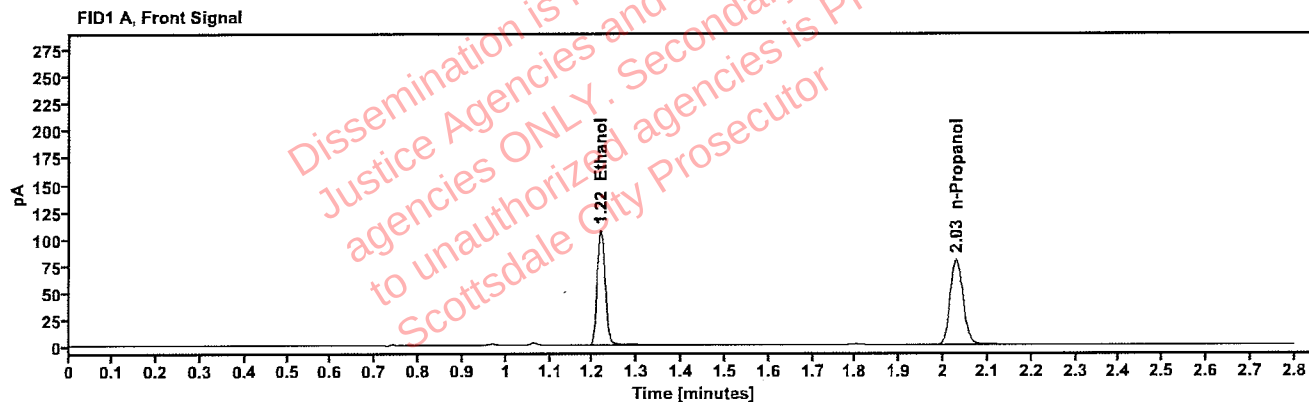


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2226	1.218	136.176
n-Propanol	—	2.029	159.924

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

Compound	Time (min)	Peak Area
Ethanol	1.366	148.914
n-Propanol	2.453	172.535

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514130-2	Vial:	37
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 5:10:26 PM
Data file:	C:\Chem32\1\Data\21Jul25\37.D	Analyst:	Abbott

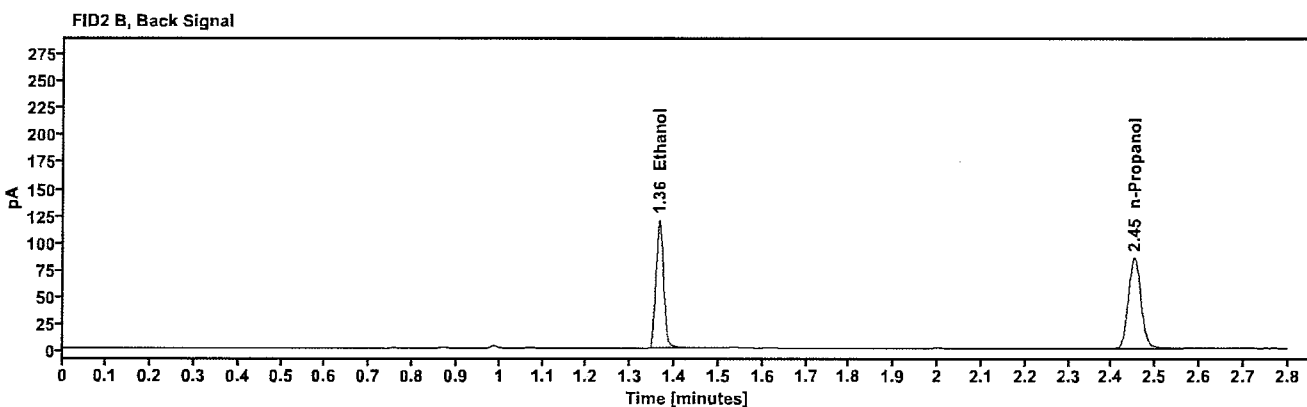
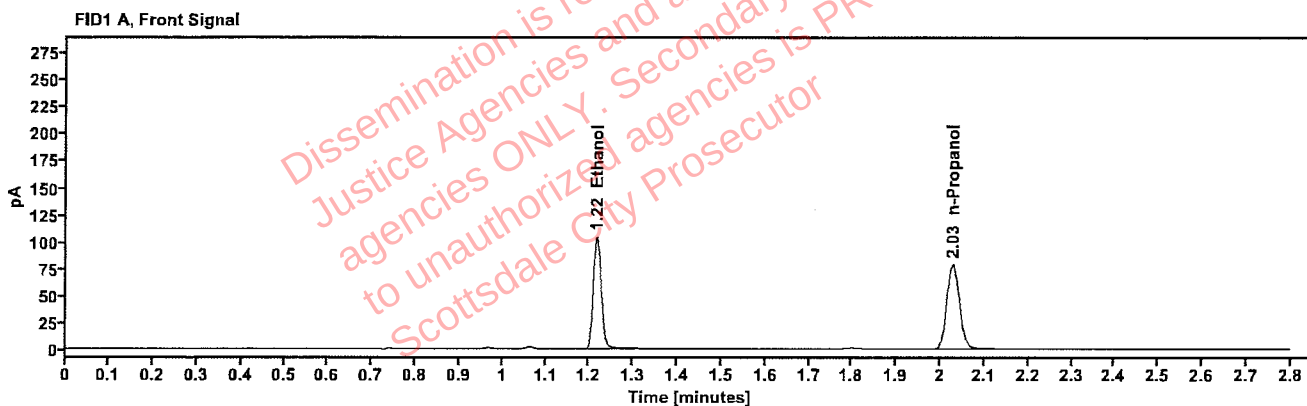


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2195	1.216	132.841
n-Propanol	—	2.028	158.213

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

Compound	Time (min)	Peak Area
Ethanol	1.364	145.154
n-Propanol	2.451	170.845

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514303-1	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 5:14:26 PM
Data file:	C:\Chem32\1\Data\21Jul25\38.D	Analyst:	Abbott

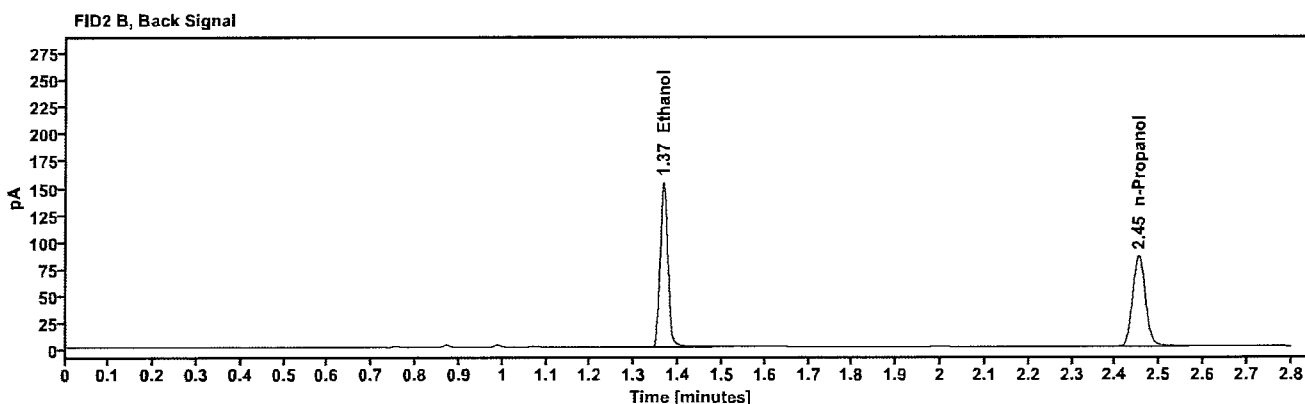
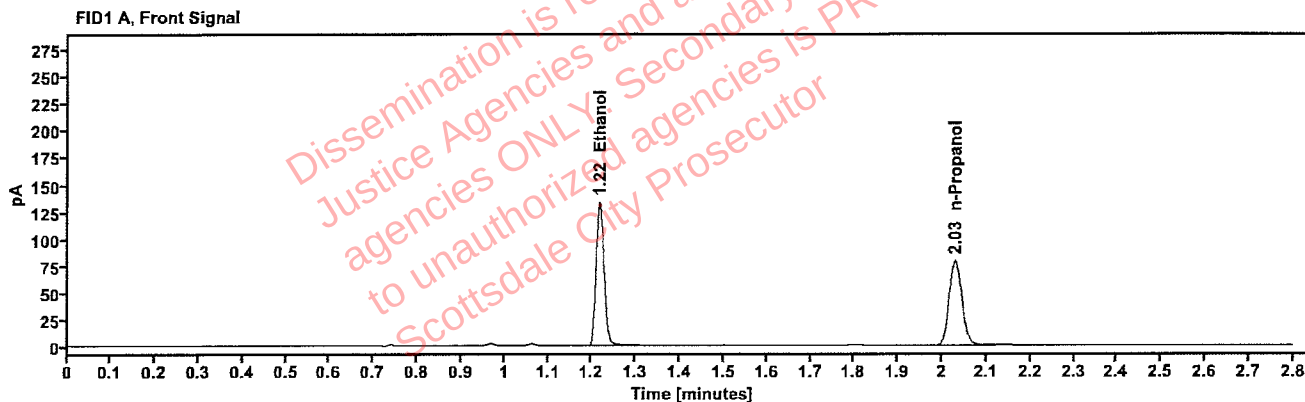


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2804	1.217	169.712
n-Propanol	—	2.029	157.992

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

Compound	Time (min)	Peak Area
Ethanol	1.366	186.329
n-Propanol	2.453	170.644

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514303-1	Vial:	39
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 5:18:26 PM
Data file:	C:\Chem32\1\Data\21Jul25\39.D	Analyst:	Abbott

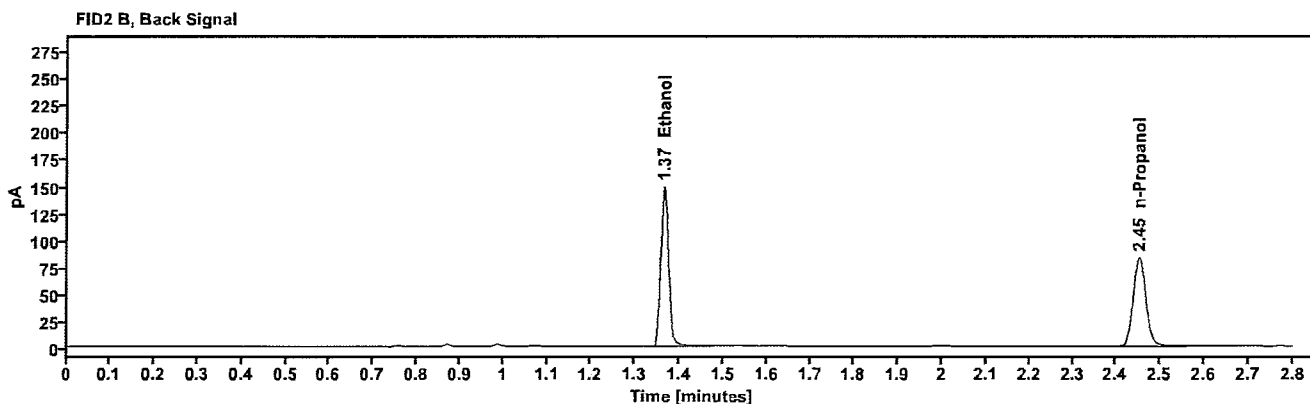
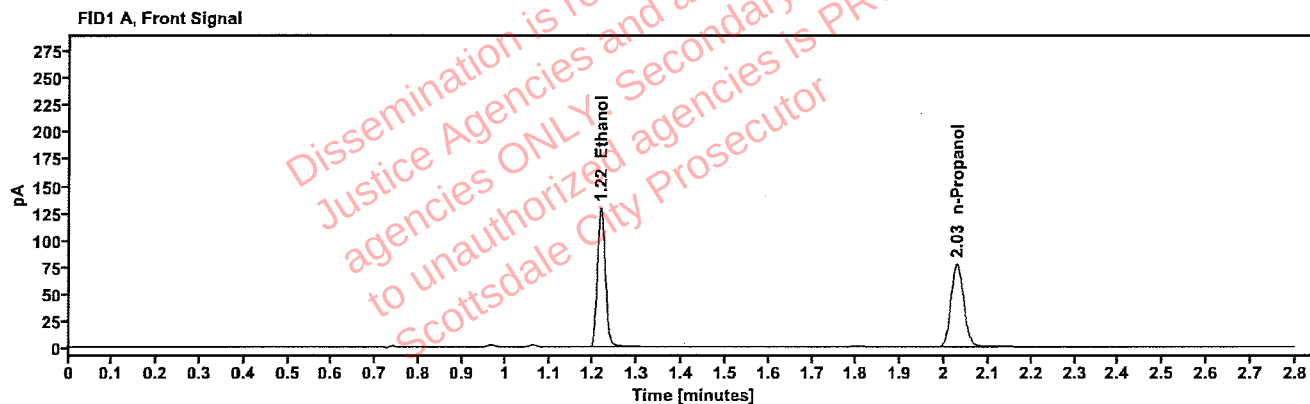


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2774	1.217	164.311
n-Propanol	—	2.029	154.584

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

Compound	Time (min)	Peak Area
Ethanol	1.365	181.633
n-Propanol	2.452	167.018

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514028-3	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 5:22:27 PM
Data file:	C:\Chem32\1\Data\21Jul25\40.D	Analyst:	Abbott

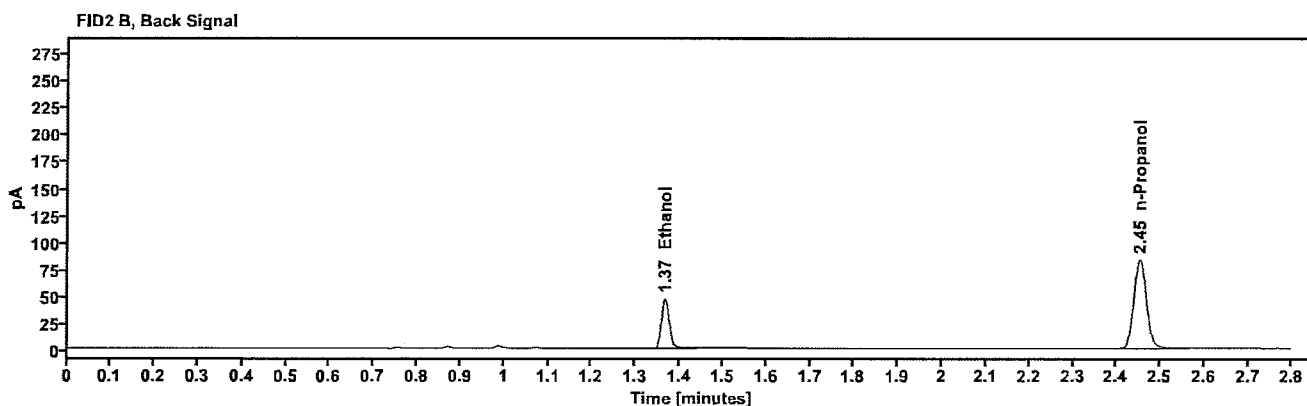
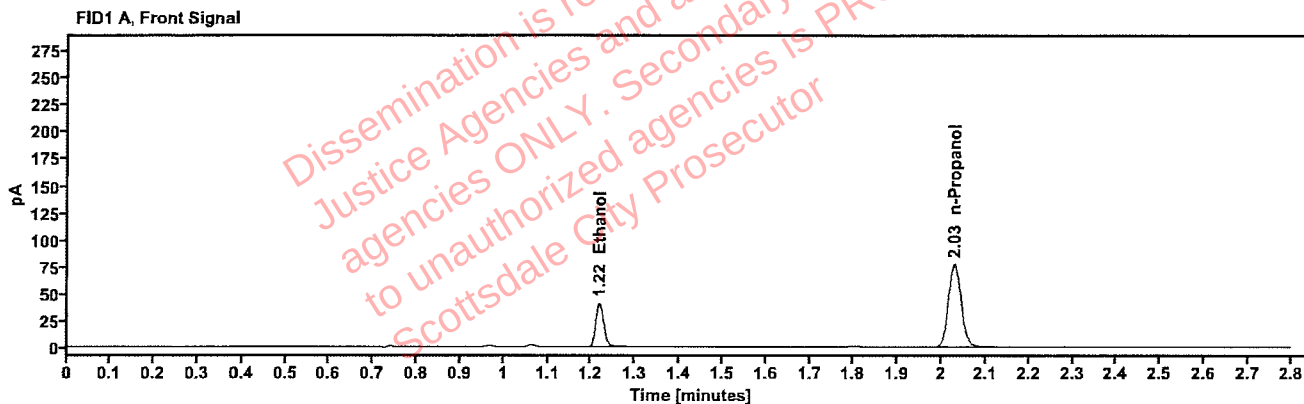


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0891	1.218	52.311
n-Propanol	—	2.029	154.951

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

Compound	Time (min)	Peak Area
Ethanol	1.366	56.934
n-Propanol	2.452	167.270

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514028-3	Vial:	41
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/21/2025 5:26:26 PM
Data file:	C:\Chem32\1\Data\21Jul25\41.D	Analyst:	Abbott

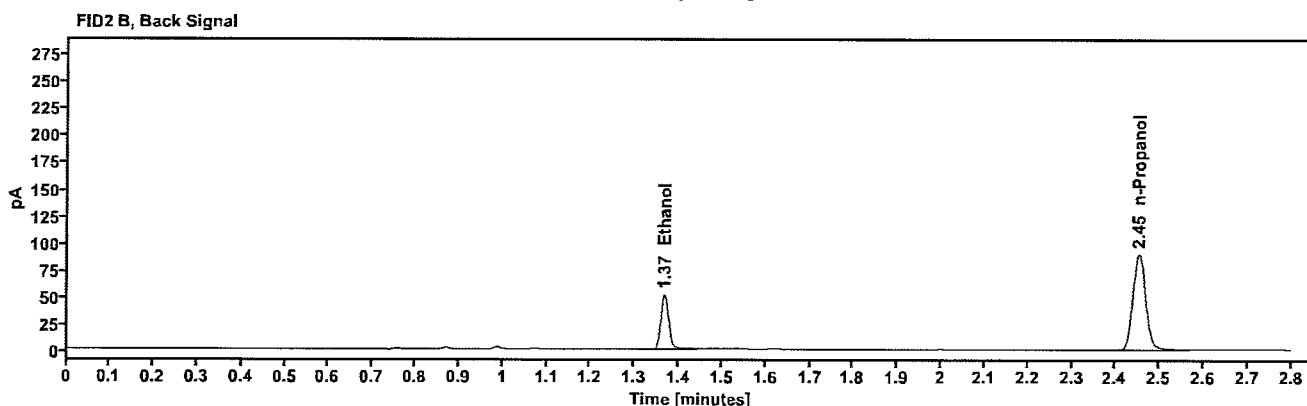
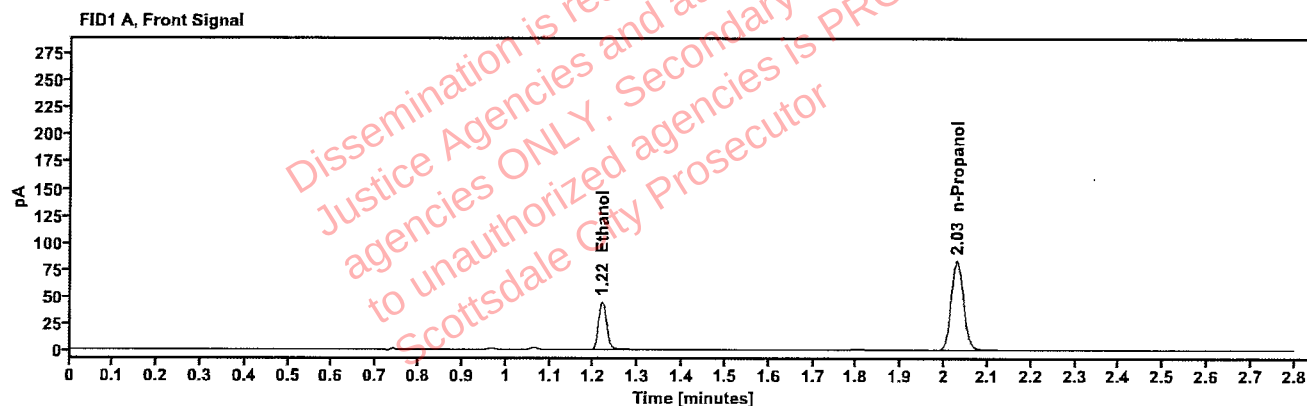


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0905	1.218	57.126
n-Propanol	—	2.029	166.634

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

Compound	Time (min)	Peak Area
Ethanol	1.367	62.230
n-Propanol	2.453	179.967