

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 08/22/2025

SEQUENCE NAME 22Aug25

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

0.99996

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	0.401 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	0.205 g/dL	ACQ 4130622206/10
20	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 517758
31	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 517758
42	Aqueous control	0.400 g/dL	0.398 g/dL	Lipomed 12052023-B
43	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 518018
44	Blood control	0.203 g/dL	0.203 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

188

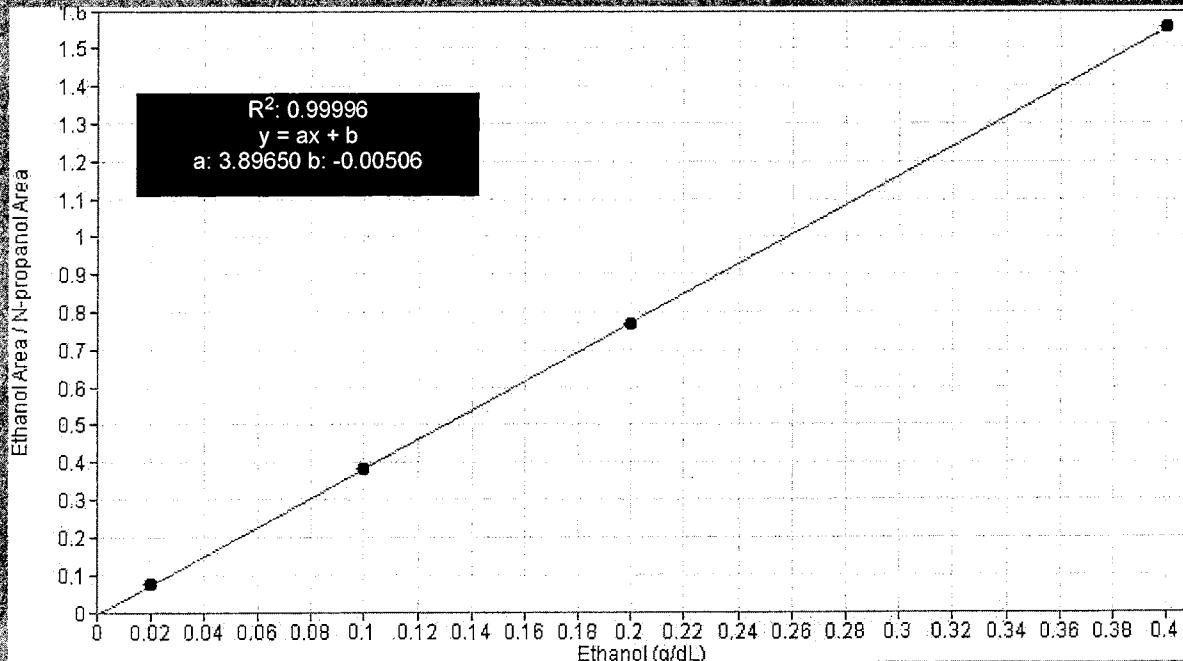
SEQUENCE NAME: 22Aug25

ANALYST: Brooke

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	0.401	0.400	0.25	0.001
0.040 518018	8	0.041	0.040	2.50	0.001
0.203 4130622206/10	9	0.205	0.203	0.99	0.002
0.100 517758	20	0.101	0.100	1.00	0.001
0.100 517758	31	0.100	0.100	0.00	0.000
0.400 12052023-B	42	0.398	0.400	0.50	-0.002
0.040 518018	43	0.040	0.040	0.00	0.000
0.203 4130622206/10	44	0.203	0.203	0.00	0.000
blank 060925AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.569	153.138	0.076
0.100	59.581	154.834	0.385
0.200	115.693	150.483	0.769
0.400	234.372	150.619	1.556

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03122113	Vial:	1
Description:	0.020 calibrator	Sequence:	22Aug25
Method:	ethanol quant.M	Injection date:	8/22/2025 5:04:37 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\22Aug25\1.D		

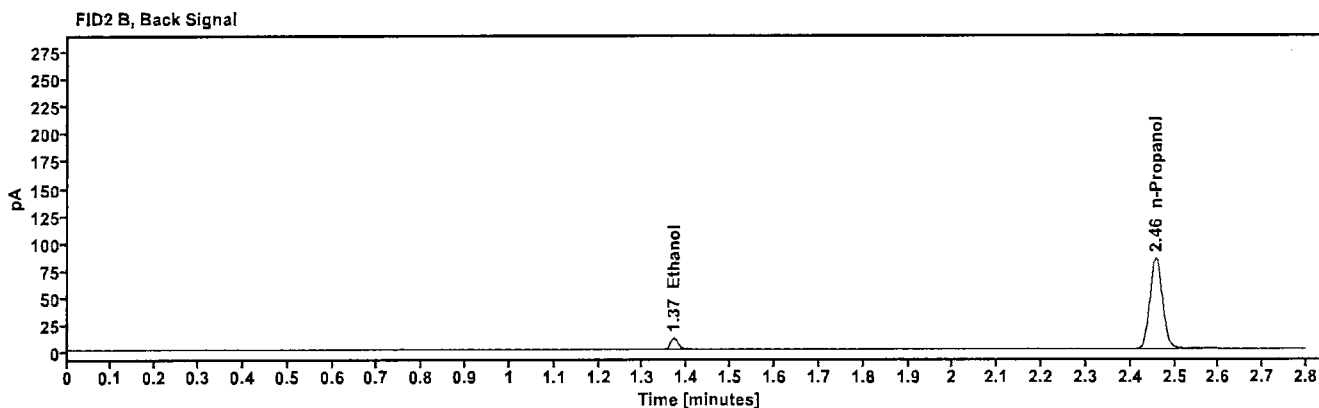
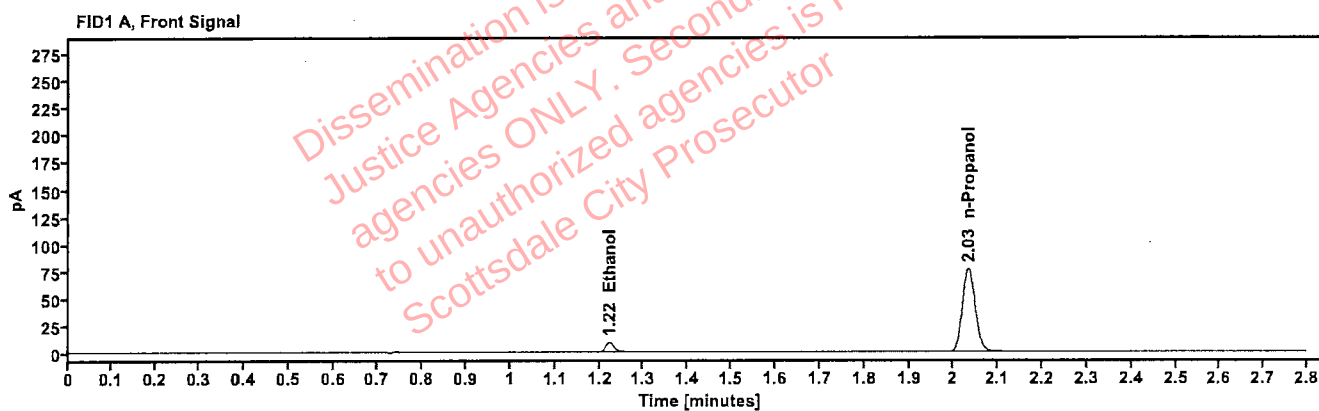


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	11.569
n-Propanol	2.033	153.138

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

Compound	Time (min)	Peak Area
Ethanol	1.370	12.637
n-Propanol	2.457	166.675

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03072301 **Vial:** 2
Description: 0.100 calibrator **Sequence:** 22Aug25
Method: ethanol quant.M **Injection date:** 8/22/2025 5:08:36 PM
Instrument: US14173023 CN14160045 **Analyst:** Brooke
Data file: C:\Chem32\1\Data\22Aug25\2.D

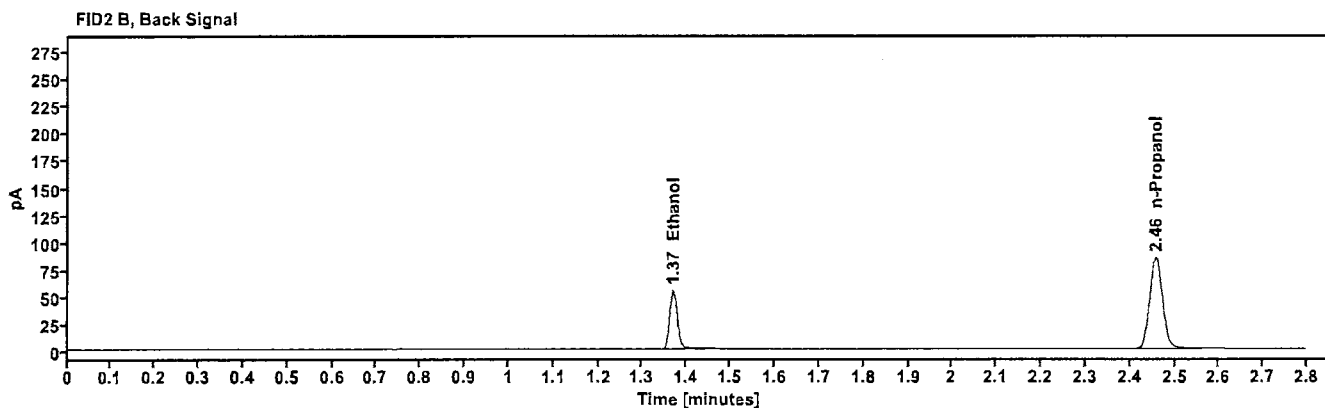
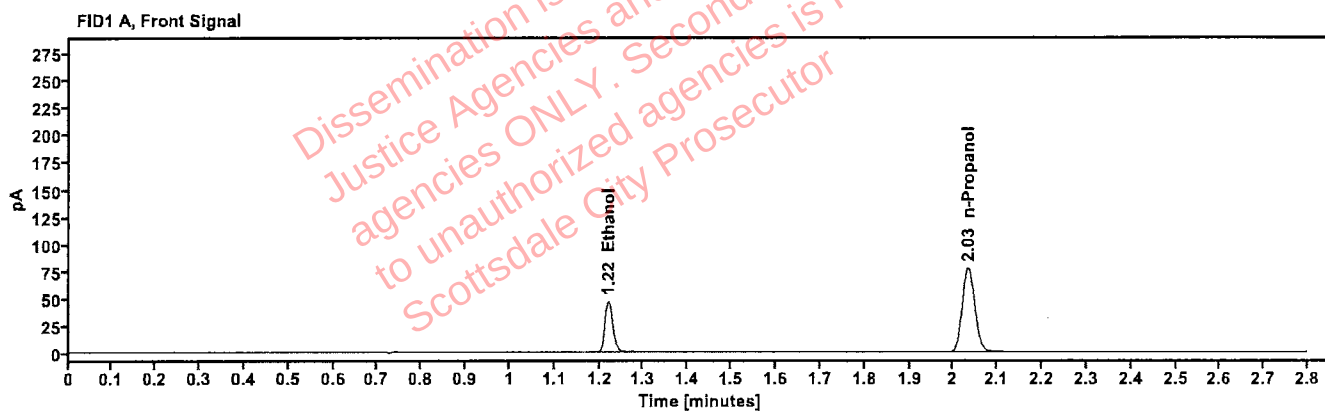


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.220	59.581
n-Propanol	2.033	154.834

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

Compound	Time (min)	Peak Area
Ethanol	1.369	65.209
n-Propanol	2.458	168.016

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03132302 **Vial:** 3
Description: 0.200 calibrator **Sequence:** 22Aug25
Method: ethanol quant.M **Injection date:** 8/22/2025 5:12:36 PM
Instrument: US14173023 CN14160045 **Analyst:** Brooke
Data file: C:\Chem32\11\Data\22Aug25\3.D

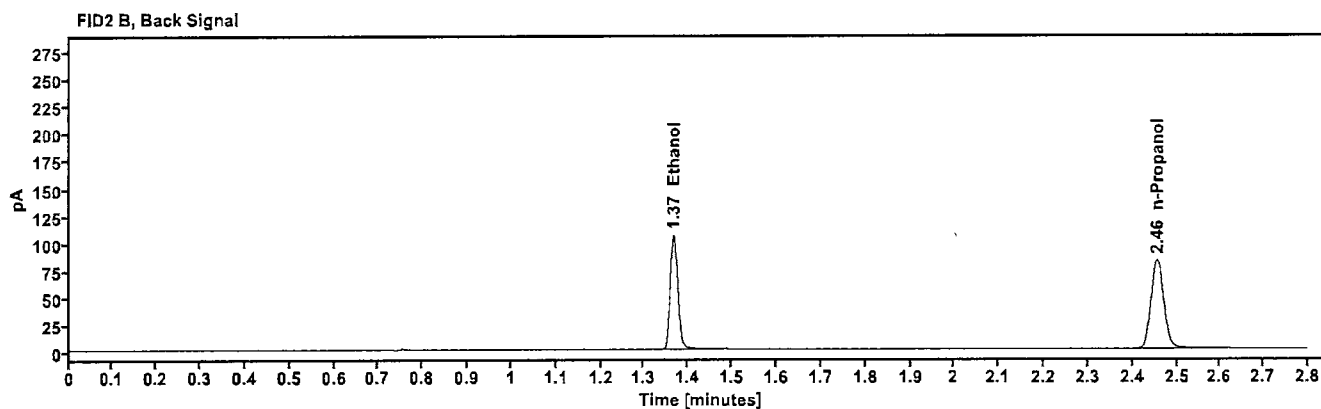
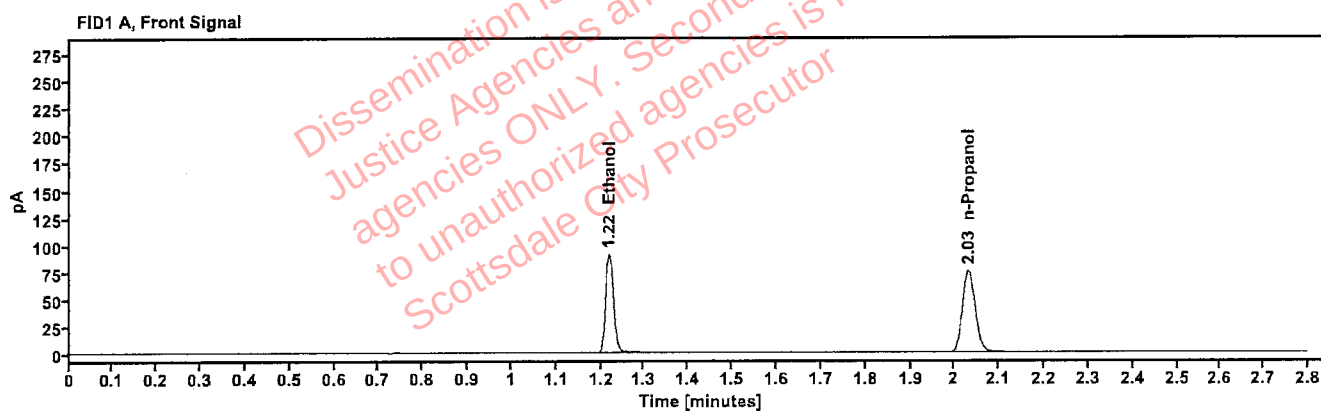


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.219	115.693
n-Propanol	2.032	150.483

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

Compound	Time (min)	Peak Area
Ethanol	1.367	126.947
n-Propanol	2.456	163.325

Scottsdale Police Department Crime Lab Volatiles Analysis

FB

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	22Aug25
Method:	ethanol quant.M	Injection date:	8/22/2025 5:16:36 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\11\Data\22Aug25\4.D		

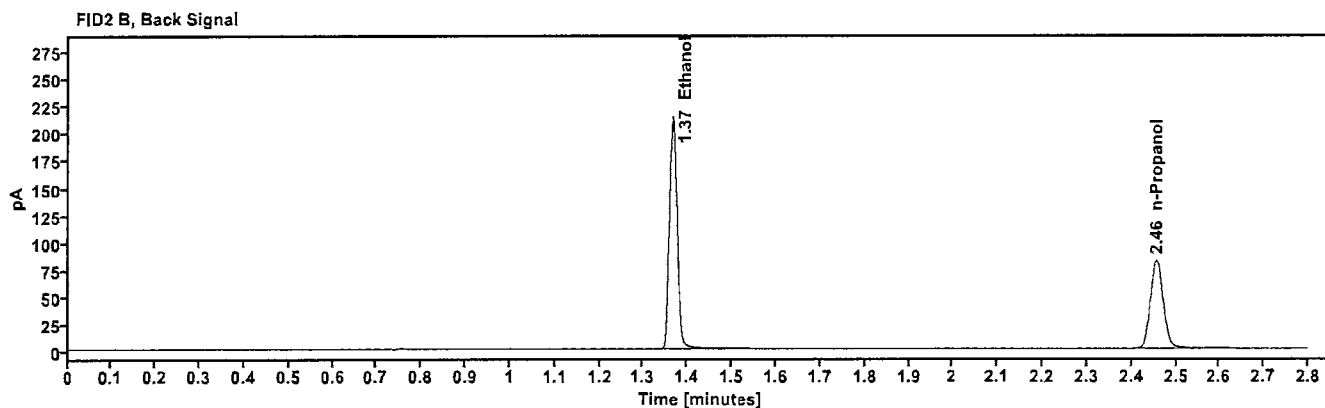
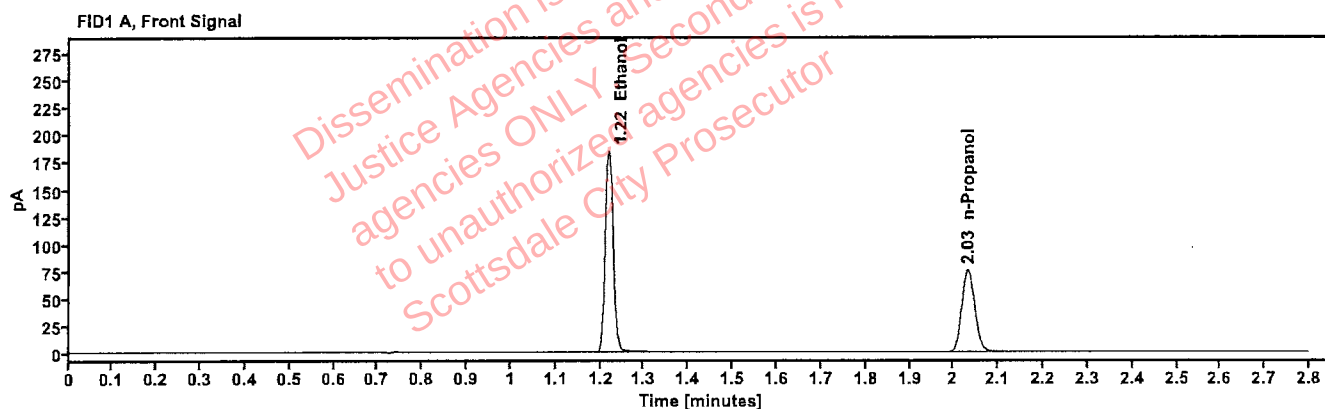


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	234.372
n-Propanol	2.032	150.619

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

Compound	Time (min)	Peak Area
Ethanol	1.367	258.600
n-Propanol	2.456	163.258

Scottsdale Police Department Crime Lab Volatiles Analysis

718

Sample:	111224WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 5:20:36 PM
Data file:	C:\Chem32\1\Data\22Aug25\5.D	Analyst:	Brooke

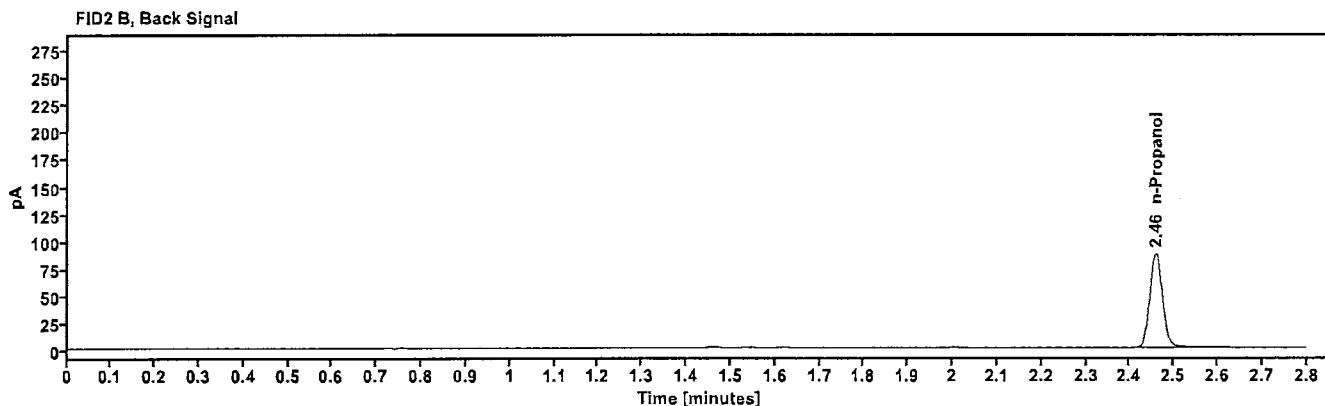
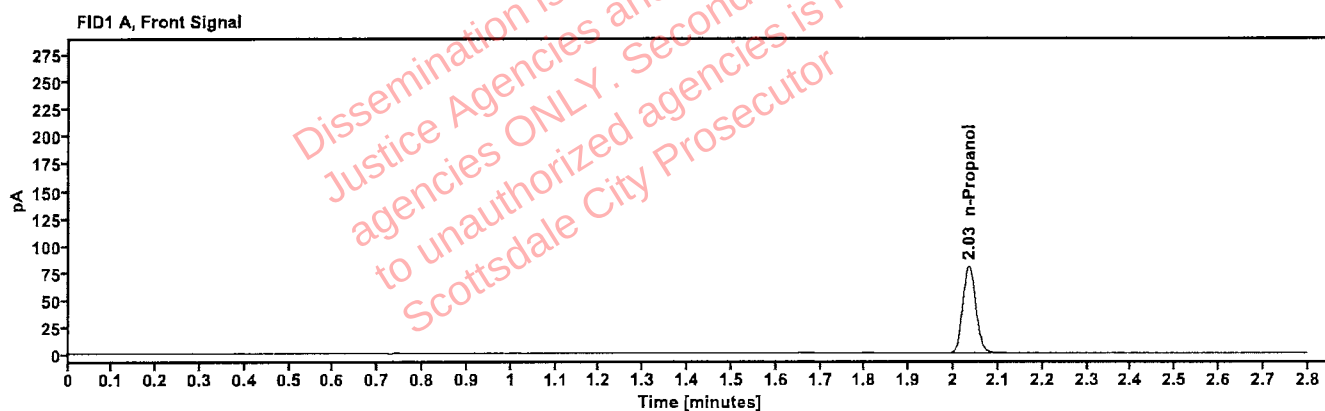


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.034	160.025

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

Compound	Time (min)	Peak Area
n-Propanol	2.459	173.578

Scottsdale Police Department Crime Lab Volatiles Analysis

AB

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 5:24:36 PM
Data file:	C:\Chem32\1\Data\22Aug25\6.D	Analyst:	Brooke

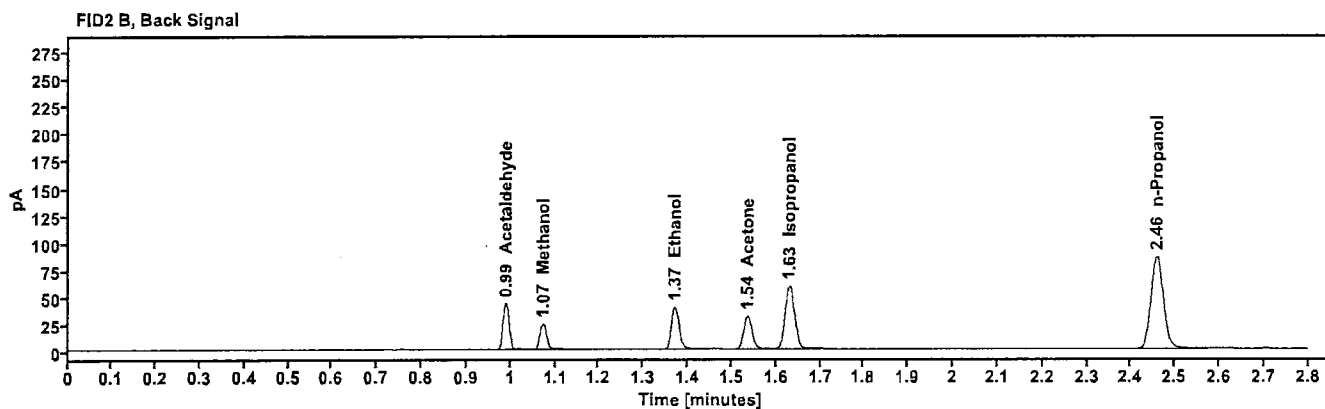
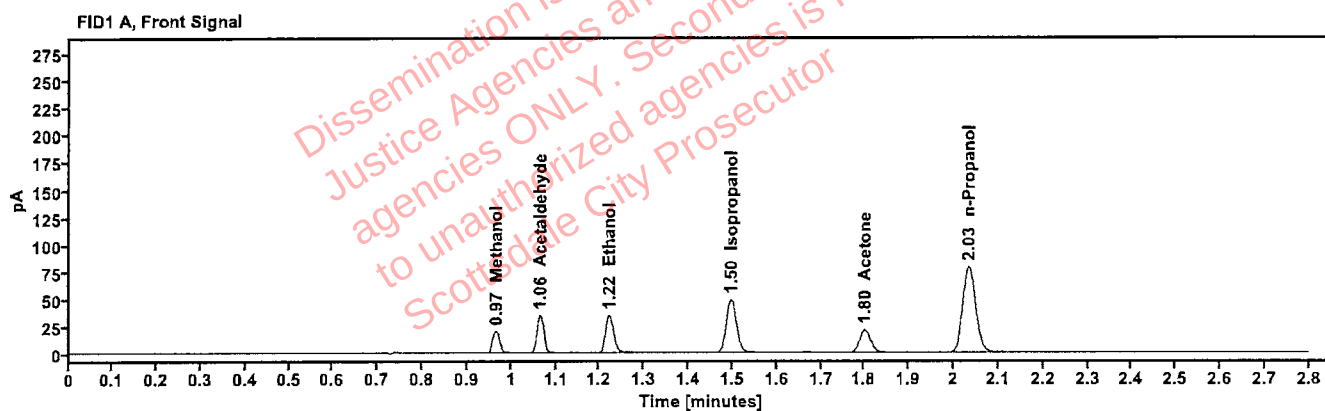


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.965	22.672
Acetaldehyde	-----	1.064	37.387
>Ethanol	0.0725	1.221	43.657
Isopropanol	-----	1.497	78.277
Acetone	-----	1.800	36.293
n-Propanol	-----	2.034	157.441

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.989	41.927
Methanol	1.072	25.194
Ethanol	1.370	48.049
Acetone	1.536	40.154
Isopropanol	1.631	86.322
n-Propanol	2.459	170.609

Scottsdale Police Department Crime Lab Volatiles Analysis

Handwritten signature

Sample:	12052023-B	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 5:28:51 PM
Data file:	C:\Chem32\1\Data\22Aug25\7.D	Analyst:	Brooke

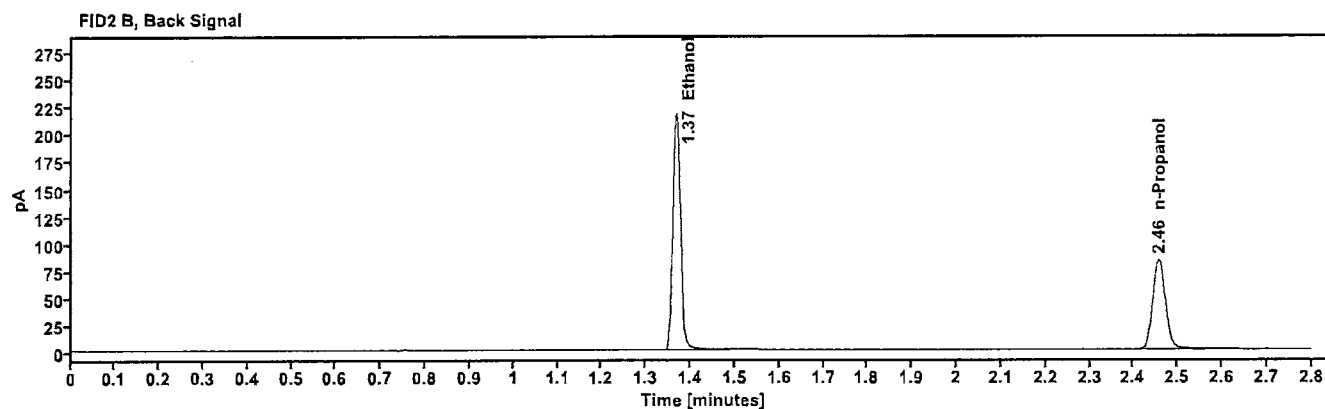
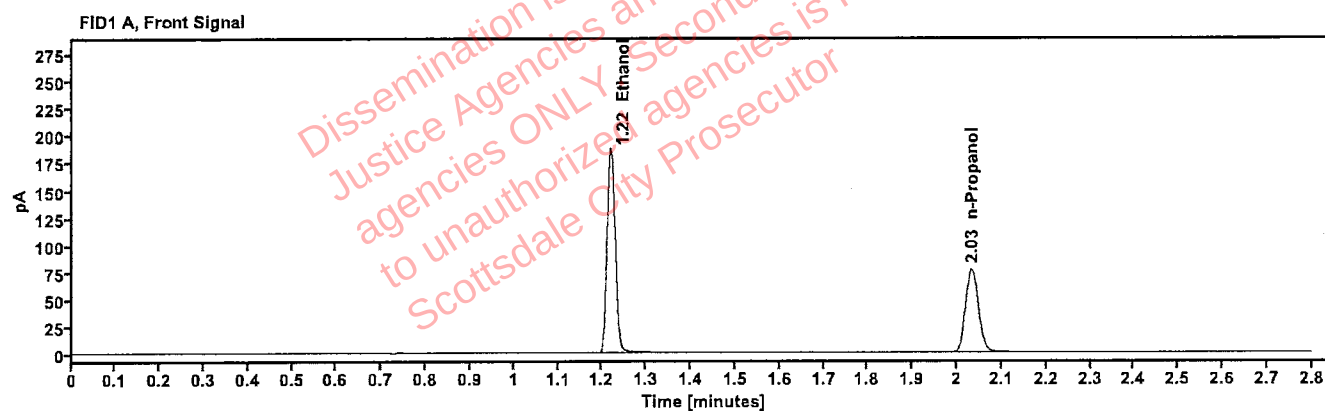


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4019	1.219	238.859
n-Propanol	-----	2.033	153.019

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

Compound	Time (min)	Peak Area
Ethanol	1.368	263.196
n-Propanol	2.457	165.601

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	518018	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 5:32:51 PM
Data file:	C:\Chem32\1\Data\22Aug25\8.D	Analyst:	Brooke

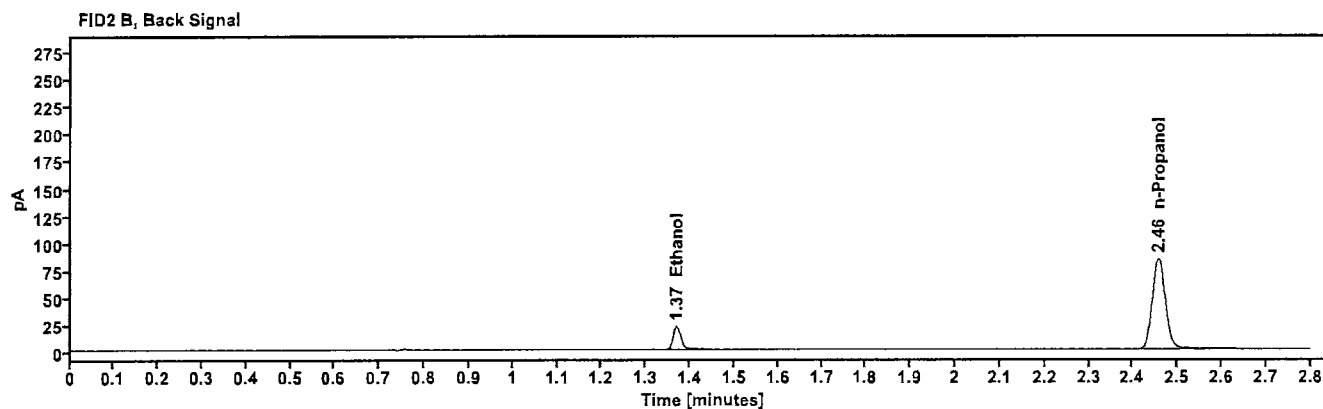
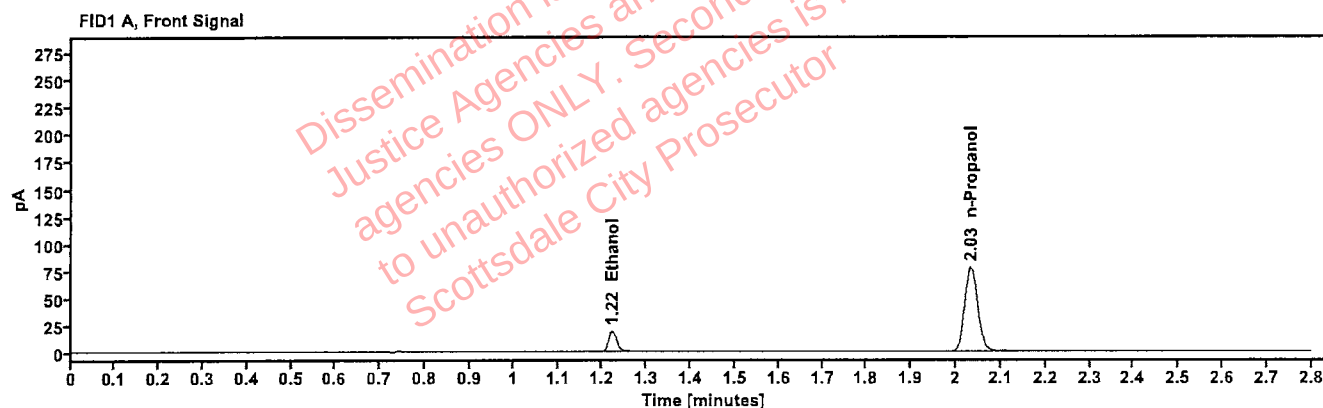


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0412	1.221	24.112
n-Propanol	-----	2.033	154.984

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

Compound	Time (min)	Peak Area
Ethanol	1.369	26.200
n-Propanol	2.457	167.753

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	4130622206/10	Vial:	9
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 5:36:52 PM
Data file:	C:\Chem32\1\Data\22Aug25\9.D	Analyst:	Brooke

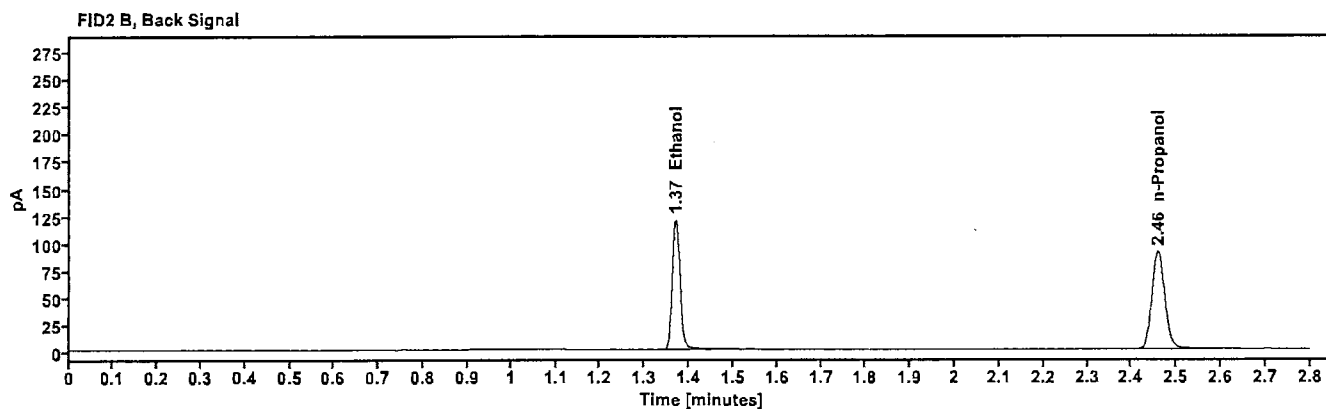
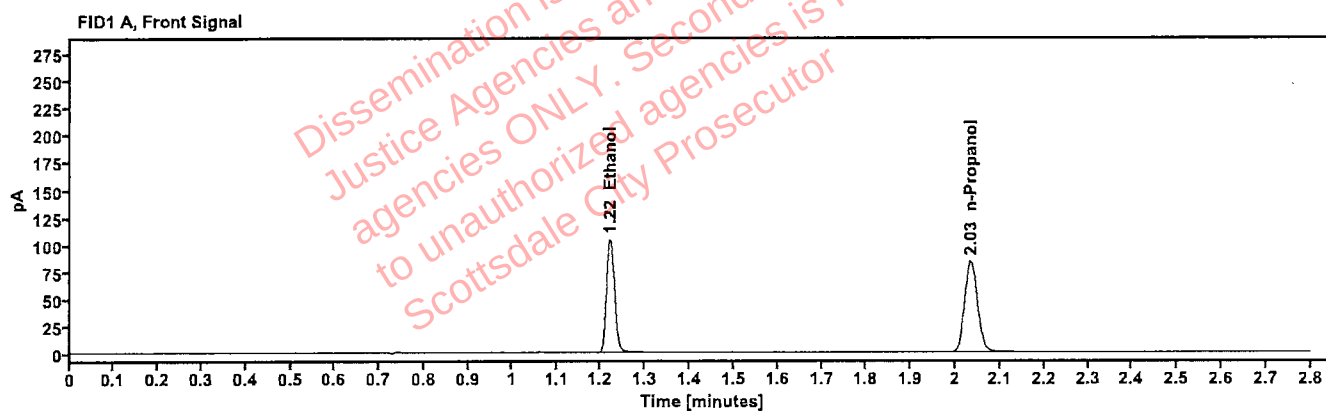


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2052	1.220	132.361
n-Propanol	-----	2.034	166.561

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

Compound	Time (min)	Peak Area
Ethanol	1.370	144.920
n-Propanol	2.459	180.575

Scottsdale Police Department Crime Lab Volatiles Analysis

JP

Sample:	517758	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 6:21:21 PM
Data file:	C:\Chem32\1\Data\22Aug25\20.D	Analyst:	Brooke

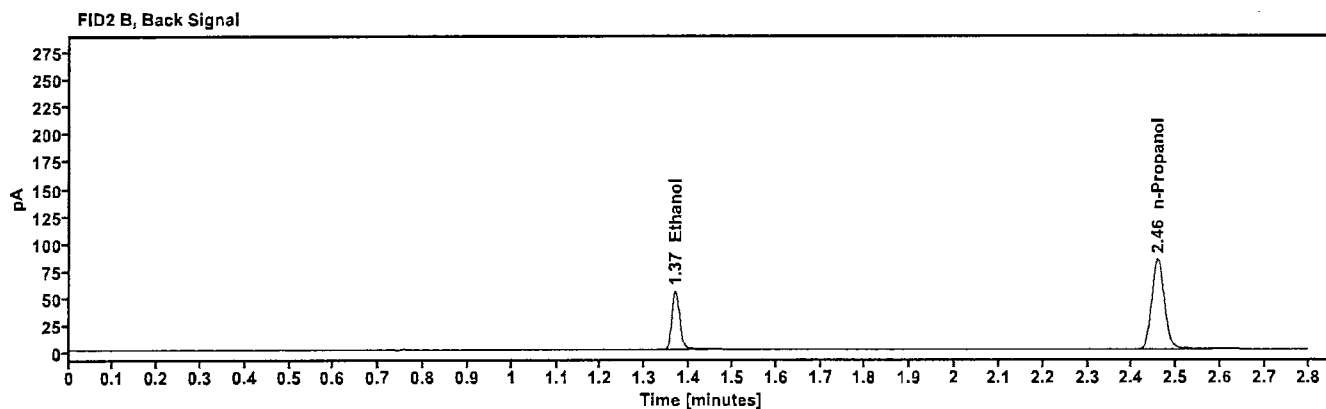
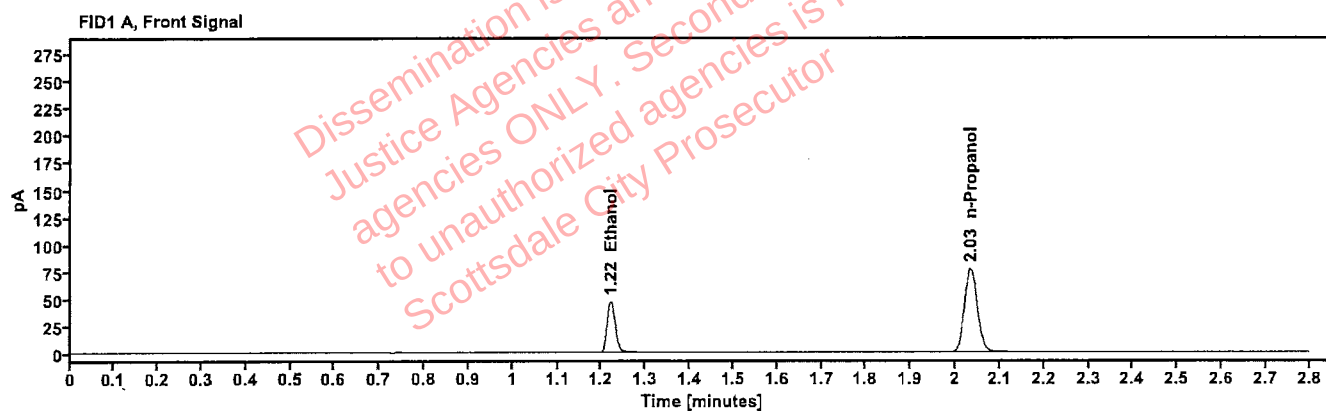


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1010	1.220	60.005
n-Propanol	-----	2.033	154.434

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

Compound	Time (min)	Peak Area
Ethanol	1.369	65.323
n-Propanol	2.458	167.234

Scottsdale Police Department Crime Lab Volatiles Analysis

AB

Sample:	517758	Vial:	31
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 7:05:51 PM
Data file:	C:\Chem32\11\Data\22Aug25\31.D	Analyst:	Brooke

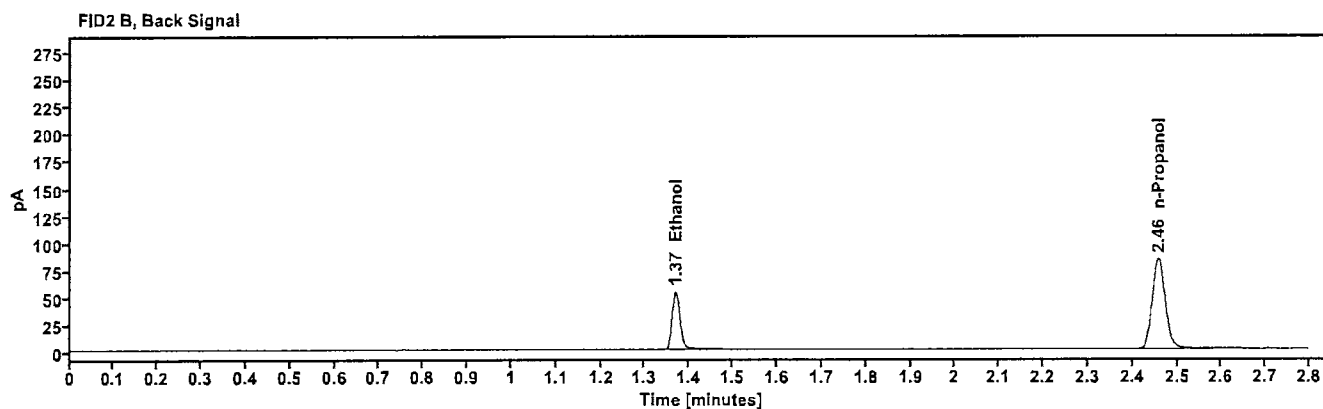
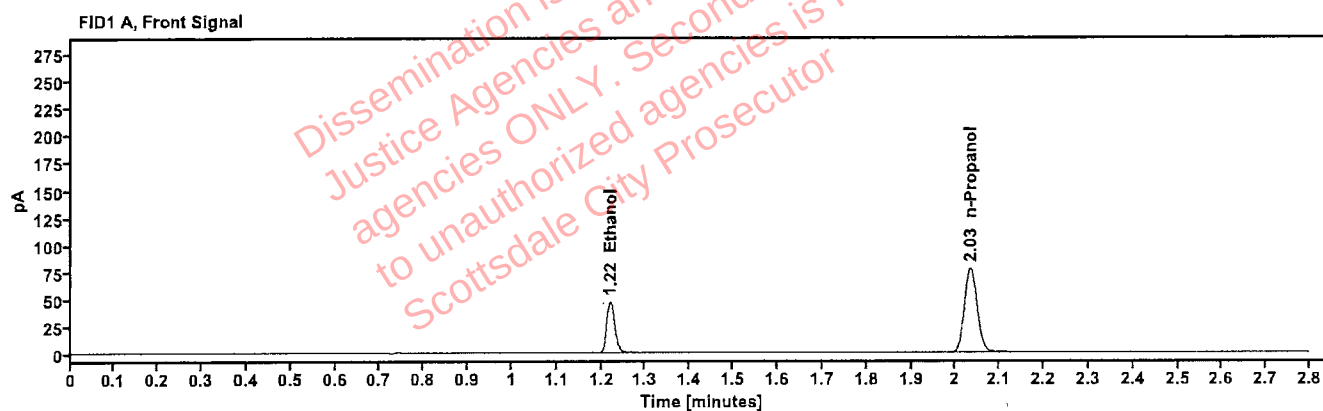


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1001	1.220	59.653
n-Propanol	---	2.034	155.014

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

Compound	Time (min)	Peak Area
Ethanol	1.369	64.985
n-Propanol	2.458	167.731

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	12052023-B	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 7:50:07 PM
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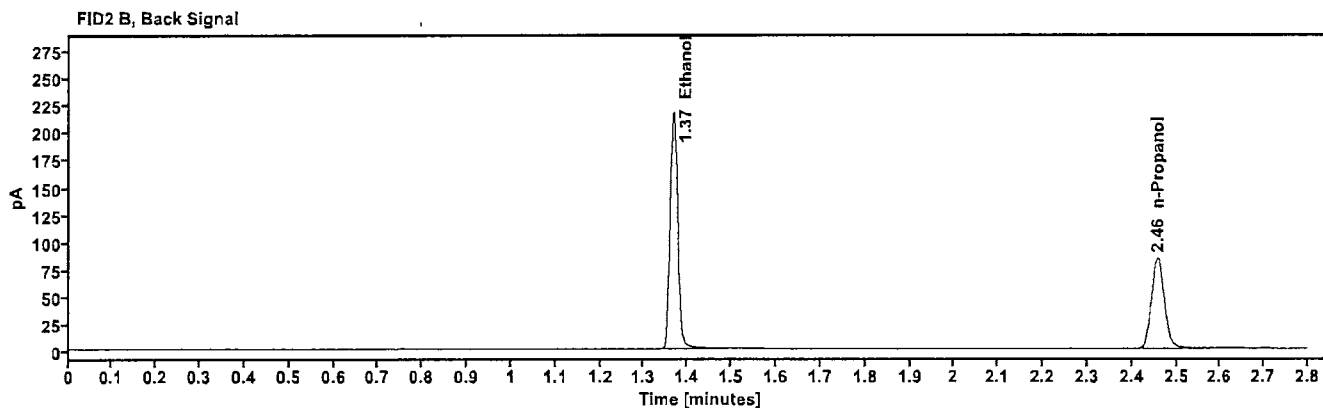
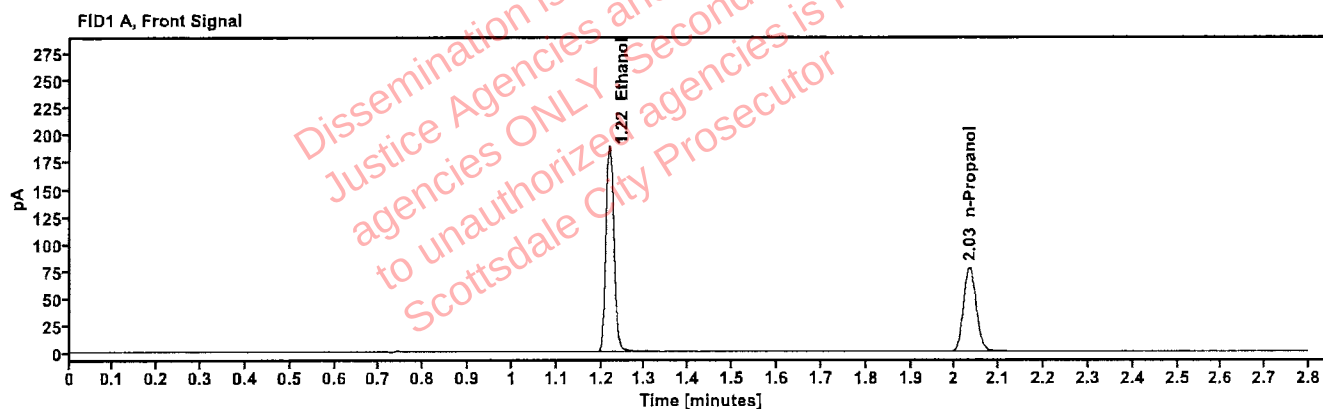


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3988	1.219	240.459
n-Propanol	-----	2.033	155.250

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

Compound	Time (min)	Peak Area
Ethanol	1.368	264.617
n-Propanol	2.458	167.864

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	518018	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 7:54:21 PM
Data file:	C:\Chem32\1\Data\22Aug25\43.D	Analyst:	Brooke

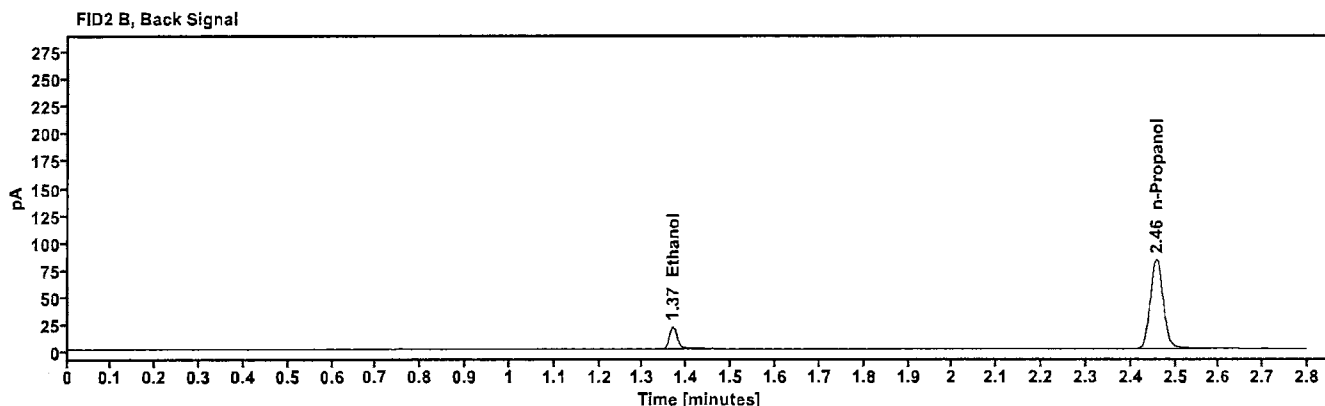
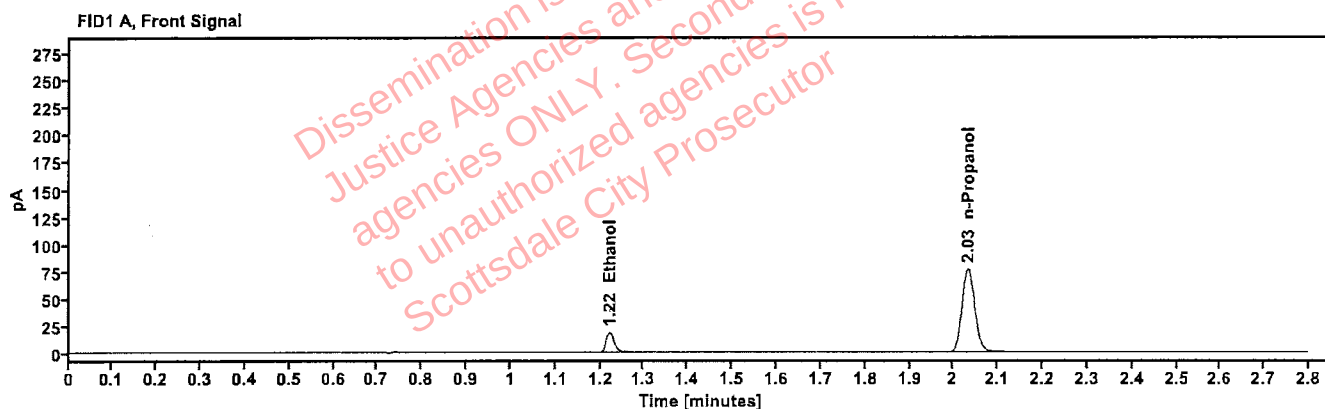


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0404	1.221	23.404
n-Propanol	-----	2.033	153.454

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

Compound	Time (min)	Peak Area
Ethanol	1.369	25.434
n-Propanol	2.457	166.111

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4130622206/10 **Vial:** 44
Description: 0.203 **LIMS ID:**
Method: ethanol quant.M **Sequence:** 22Aug25
Instrument: US14173023 CN14160045 **Injection date:** 8/22/2025 7:58:22 PM
Data file: C:\Chem32\1\Data\22Aug25\44.D **Analyst:** Brooke

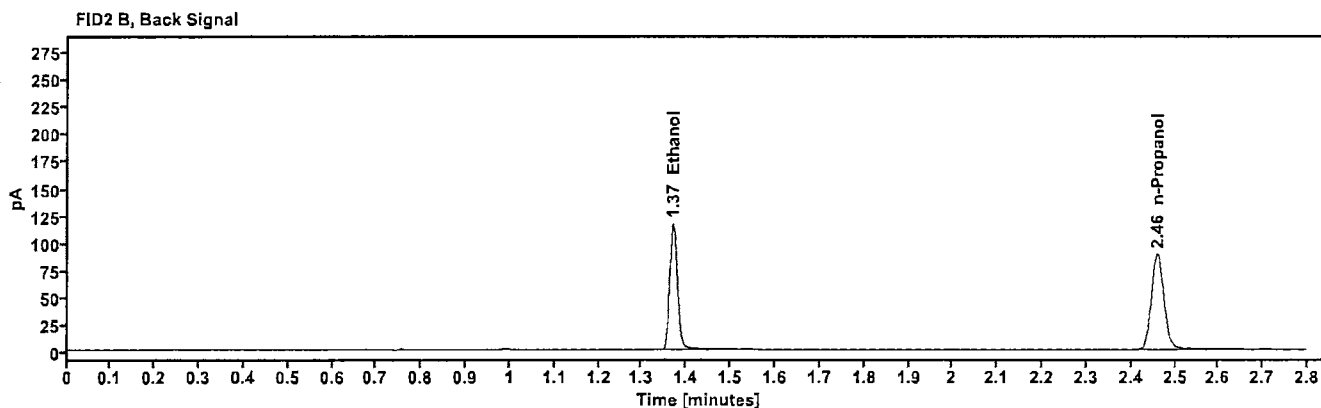
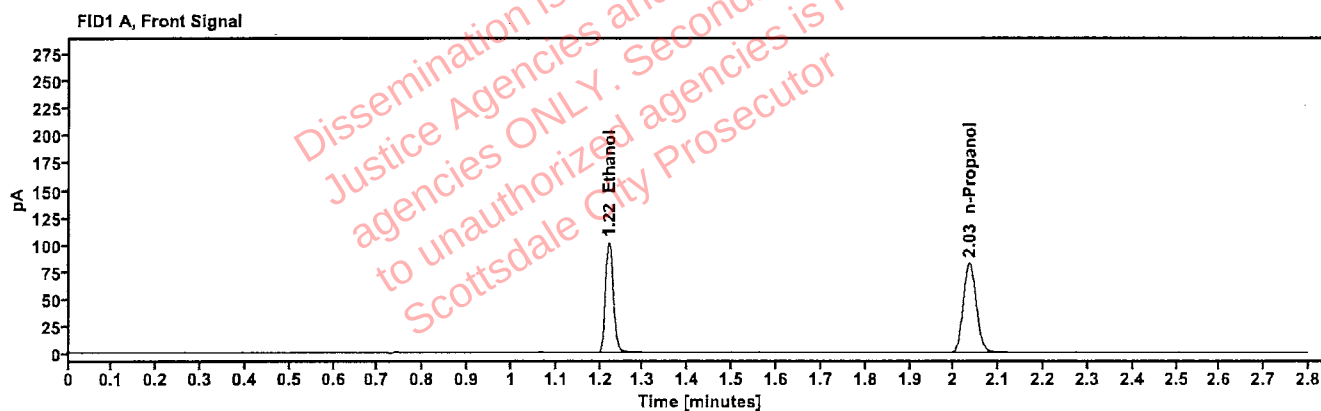


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2032	1.221	128.905
n-Propanol	----	2.034	163.856

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

Compound	Time (min)	Peak Area
Ethanol	1.370	140.624
n-Propanol	2.459	177.612

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	060925AQ	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 8:02:21 PM
Data file:	C:\Chem32\1\Data\22Aug25\45.D	Analyst:	Brooke

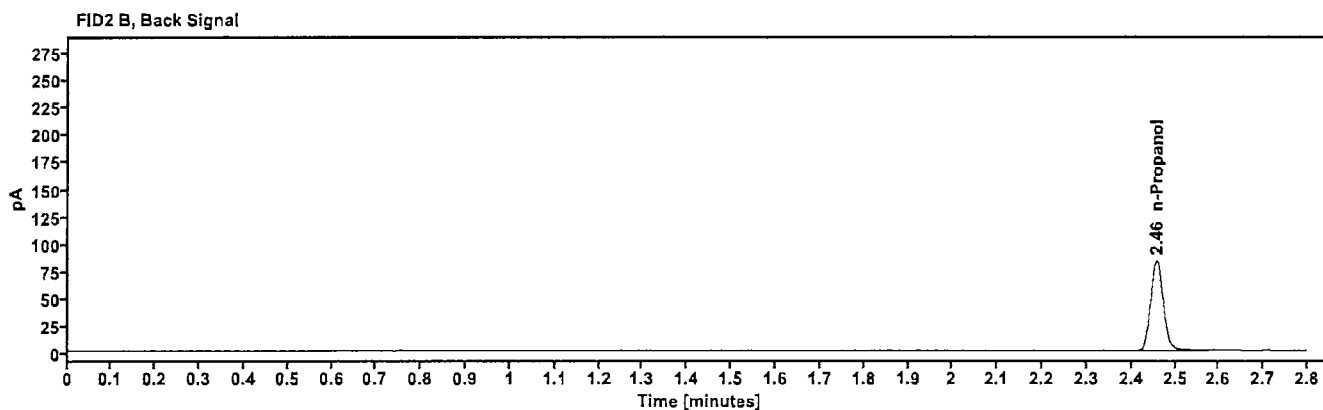
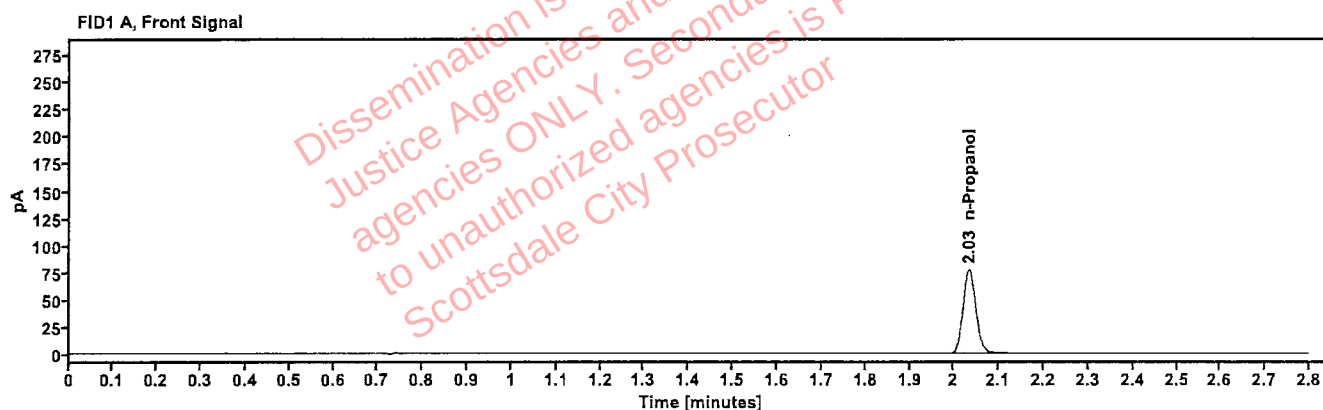


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.033	154.120

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

Compound	Time (min)	Peak Area
n-Propanol	2.457	166.535

Sequence Summary

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Page 1 of 1

Sequence name: 22Aug25 Instrument: US14173023 CN14160045 Analyst: Brooke

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	2515867-1		Sample		ethanol quant.M
11	2515867-1		Sample		ethanol quant.M
12	2515259-1		Sample		ethanol quant.M
13	2515259-1		Sample		ethanol quant.M
14	2515808-1		Sample		ethanol quant.M
15	2515808-1		Sample		ethanol quant.M
16	2515858-1		Sample		ethanol quant.M
17	2515858-1		Sample		ethanol quant.M
18	2515854-2		Sample		ethanol quant.M
19	2515854-2		Sample		ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	2515921-2		Sample		ethanol quant.M
22	2515921-2		Sample		ethanol quant.M
23	2515602-1		Sample		ethanol quant.M
24	2515602-1		Sample		ethanol quant.M
25	2515533-1		Sample		ethanol quant.M
26	2515533-1		Sample		ethanol quant.M
27	2515472-2		Sample		ethanol quant.M
28	2515472-2		Sample		ethanol quant.M
29	2515994-2		Sample		ethanol quant.M
30	2515994-2		Sample		ethanol quant.M
31	517758	0.100	Control		ethanol quant.M
32	2515723-2		Sample		ethanol quant.M
33	2515723-2		Sample		ethanol quant.M
34	2516180-1		Sample		ethanol quant.M
35	2516180-1		Sample		ethanol quant.M
36	2515803-2		Sample		ethanol quant.M
37	2515803-2		Sample		ethanol quant.M
38	2516207-1		Sample		ethanol quant.M
39	2516207-1		Sample		ethanol quant.M
40	2515908-1		Sample		ethanol quant.M
41	2515908-1		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

RB

SEQUENCE NAME: 22Aug25

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1743	0.1701	0.17220	1.22	0.00210
12 13	0.1734	0.1734	0.17340	0.00	0.00000
14 15	0.1450	0.1452	0.14510	0.07	0.00010
16 17	0.2385	0.2430	0.24075	0.93	0.00225
18 19	0.1870	0.1878	0.18740	0.21	0.00040
21 22	0.1558	0.1561	0.15595	0.10	0.00015
23 24	0.2783	0.2782	0.27825	0.02	0.00005
25 26	0.2667	0.2679	0.26730	0.22	0.00060
27 28	0.1476	0.1475	0.14755	0.03	0.00005
29 30	0.1797	0.1802	0.17995	0.14	0.00025
32 33	0.0795	0.0793	0.07940	0.13	0.00010
34 35	0.1702	0.1712	0.17070	0.29	0.00050
36 37	0.1692	0.1677	0.16845	0.45	0.00075
38 39	0.1925	0.1944	0.19345	0.49	0.00095
40 41	0.0755	0.0751	0.07530	0.27	0.00020

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

PR

SEQUENCE: 22Aug25

page 1 of 1

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515867-1	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 5:40:51 PM
Data file:	C:\Chem32\1\Data\22Aug25\10.D	Analyst:	Brooke

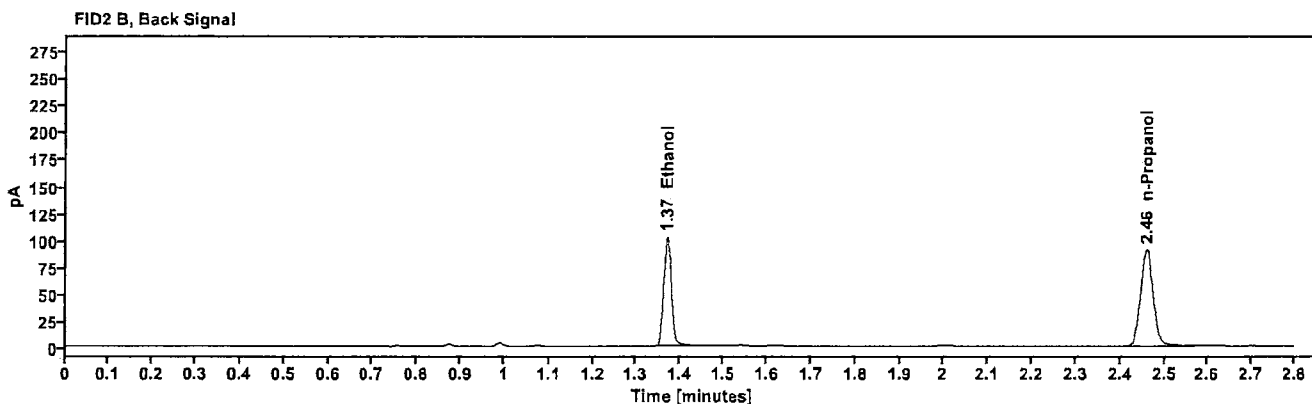
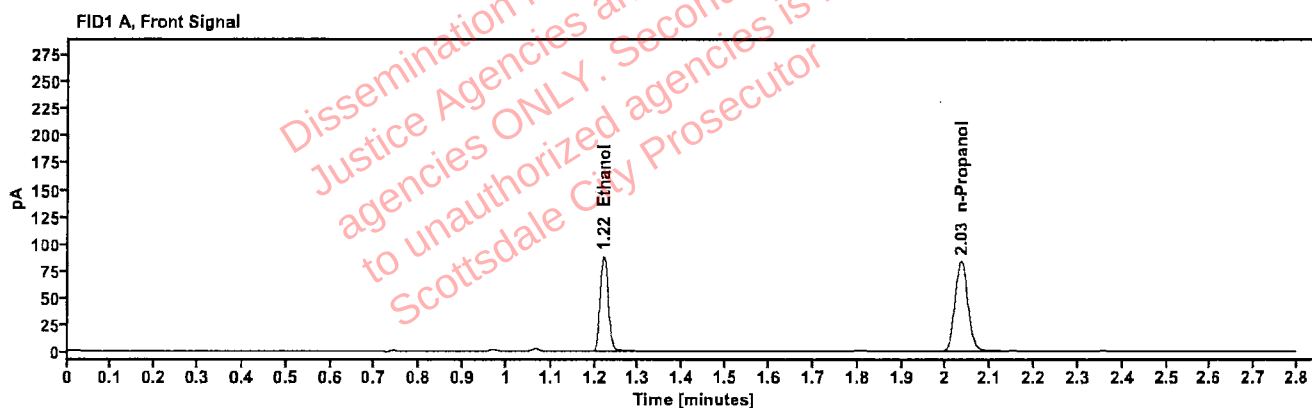


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1743	1.221	112.345
n-Propanol	-----	2.034	166.653

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

Compound	Time (min)	Peak Area
Ethanol	1.370	123.001
n-Propanol	2.459	180.630

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515867-1	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 5:44:51 PM
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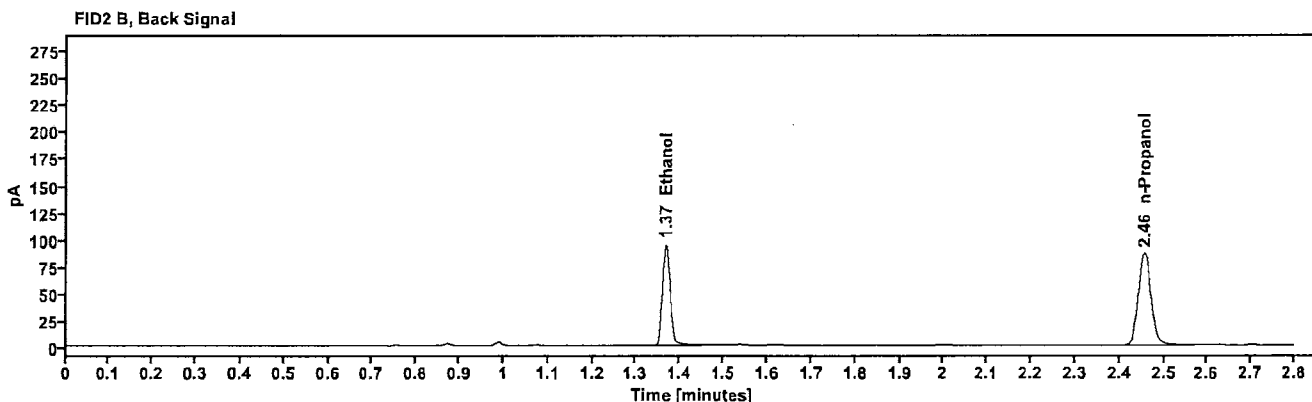
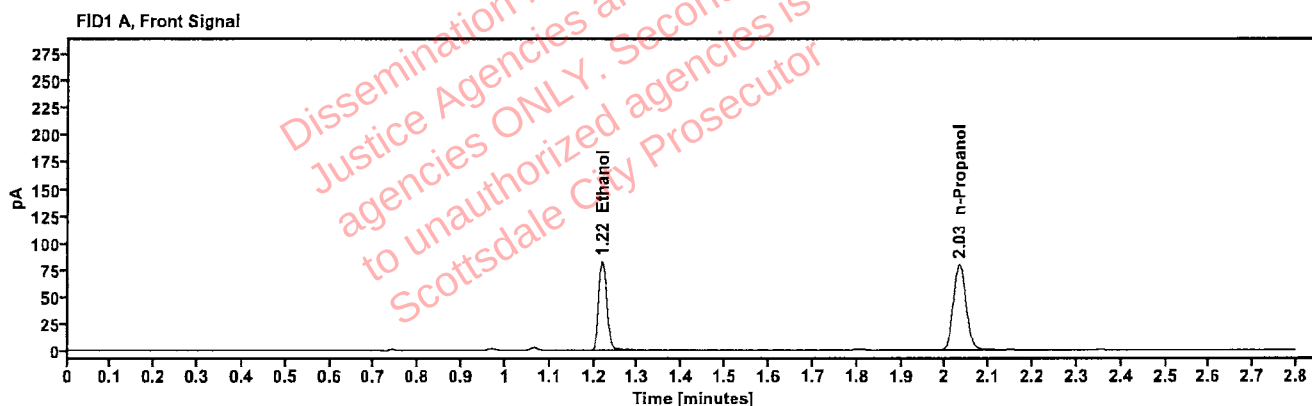


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1701	1.219	104.445
n-Propanol	—	2.032	158.809

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

Compound	Time (min)	Peak Area
Ethanol	1.367	114.483
n-Propanol	2.456	172.087

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515259-1	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 5:48:53 PM
Data file:	C:\Chem32\11\Data\22Aug25\12.D	Analyst:	Brooke

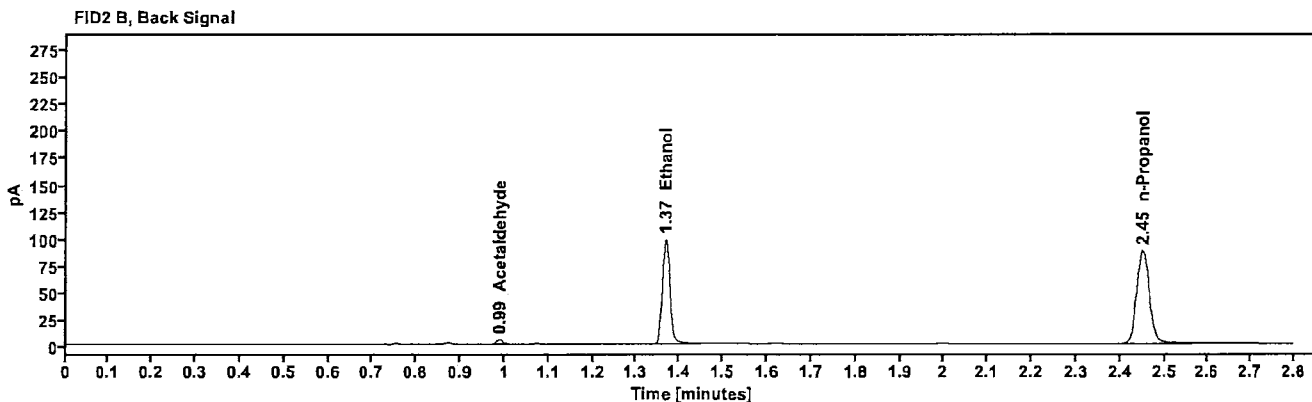
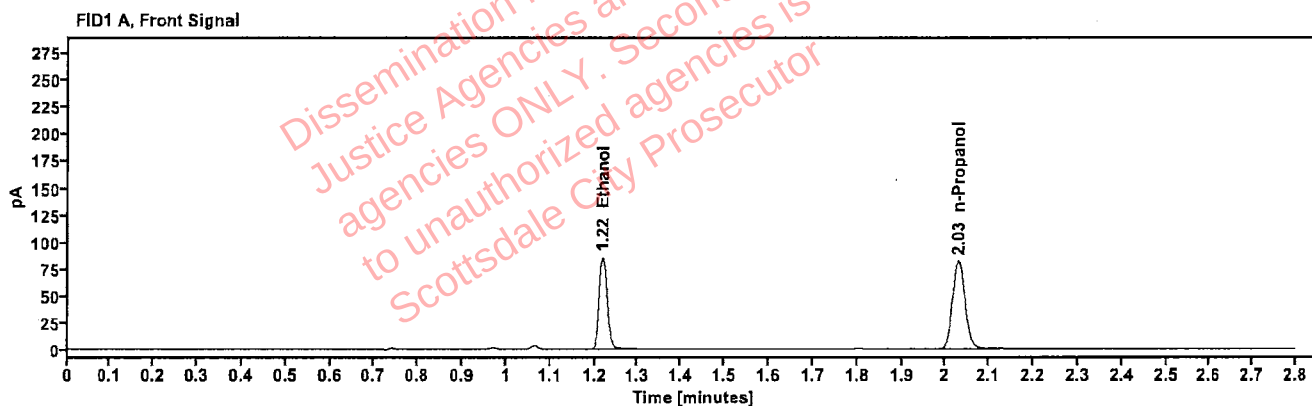


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1734	1.219	108.435
n-Propanol	—	2.029	161.706

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	3.854
Ethanol	1.368	118.468
n-Propanol	2.451	174.207

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515259-1	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 5:53:06 PM
Data file:	C:\Chem32\1\Data\22Aug25\13.D	Analyst:	Brooke

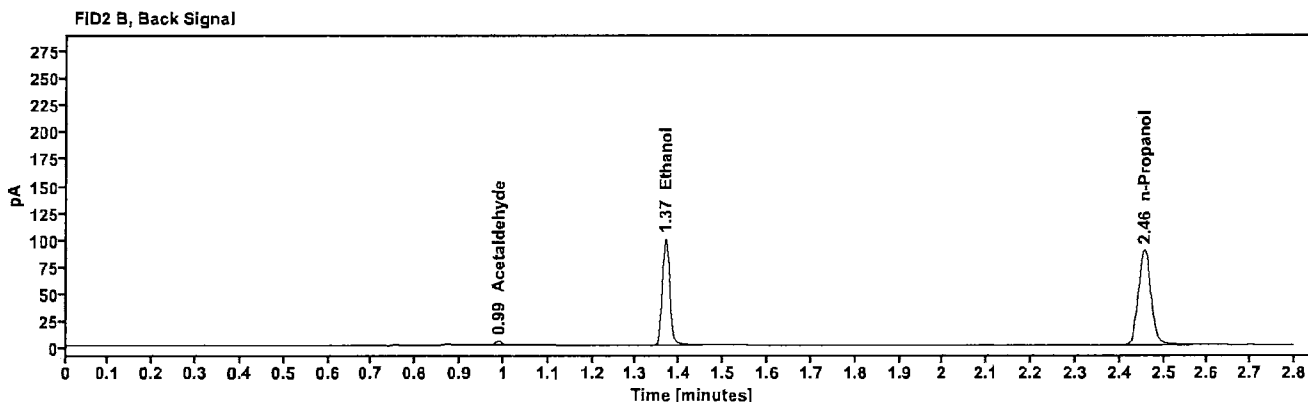
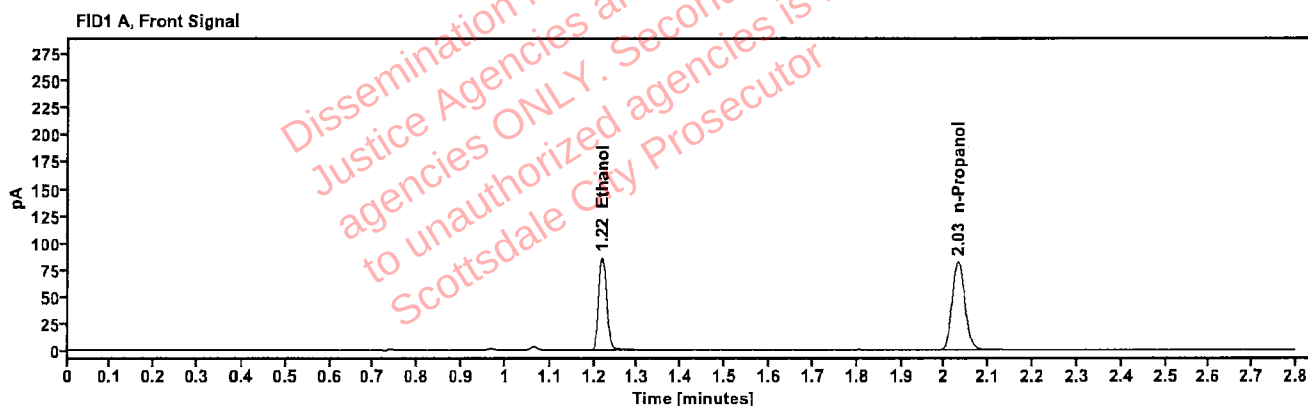


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1734	1.219	109.706
n-Propanol	-----	2.031	163.556

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	3.903
Ethanol	1.368	119.717
n-Propanol	2.456	176.736

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515808-1	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 5:57:07 PM
Data file:	C:\Chem32\1\Data\22Aug25\14.D	Analyst:	Brooke

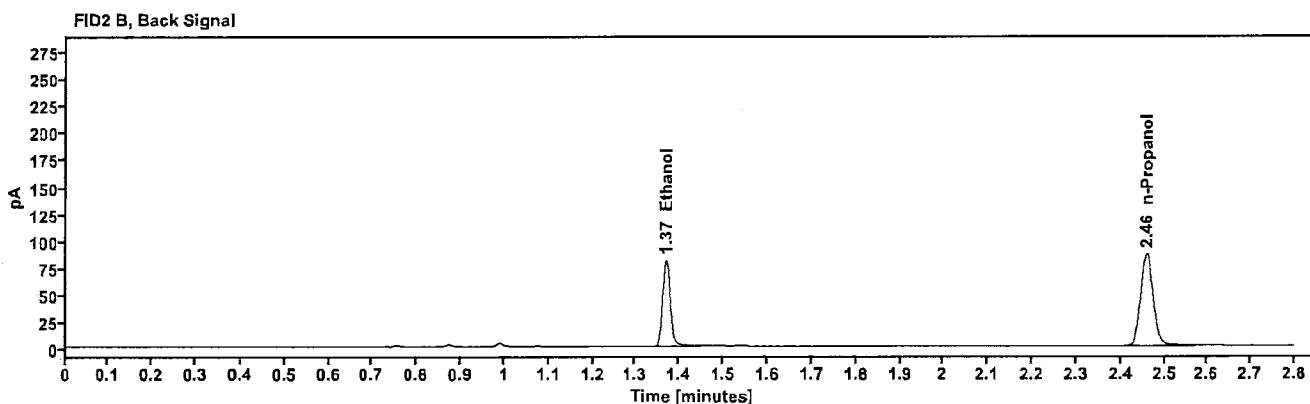
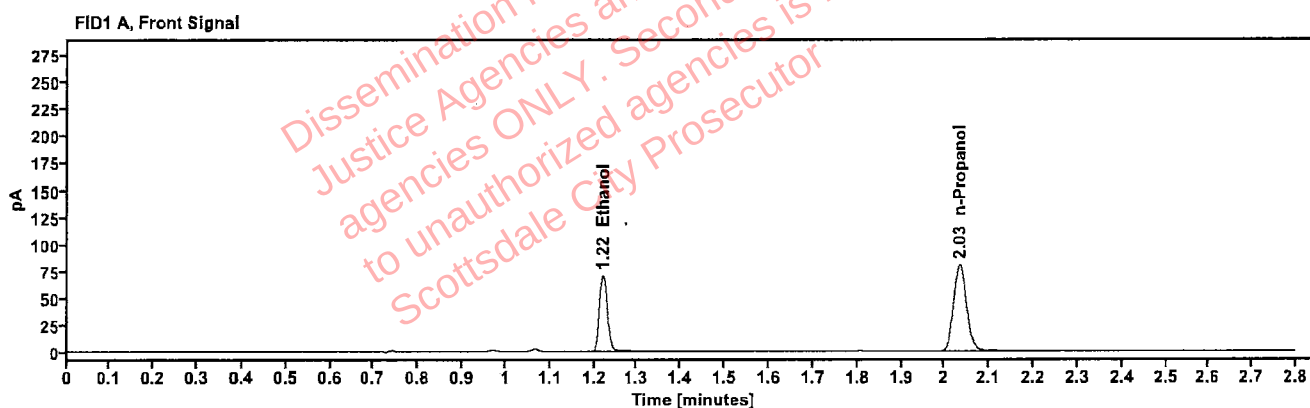


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1450	1.220	89.320
n-Propanol	—	2.034	159.536

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

Compound	Time (min)	Peak Area
Ethanol	1.370	97.485
n-Propanol	2.459	172.531

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515808-1	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 6:01:06 PM
Data file:	C:\Chem32\1\Data\22Aug25\15.D	Analyst:	Brooke

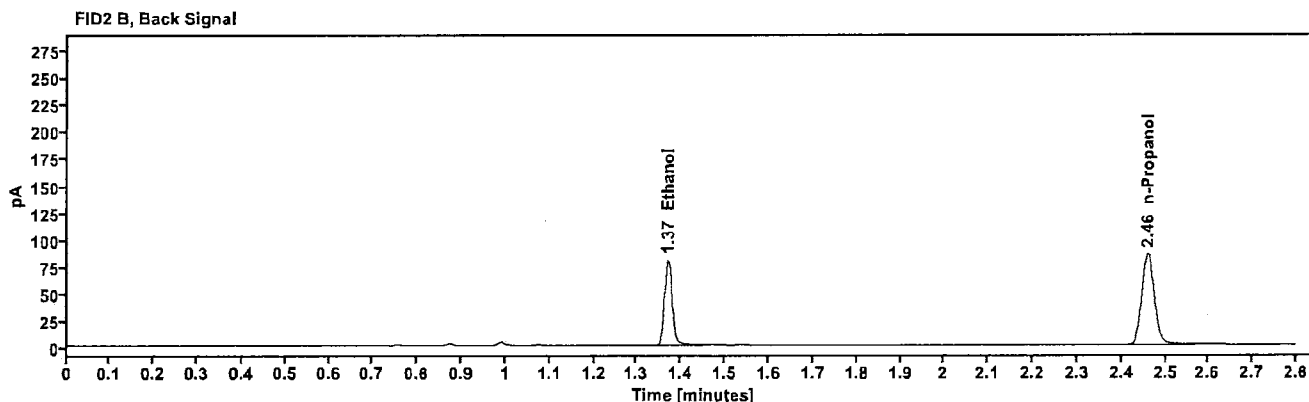
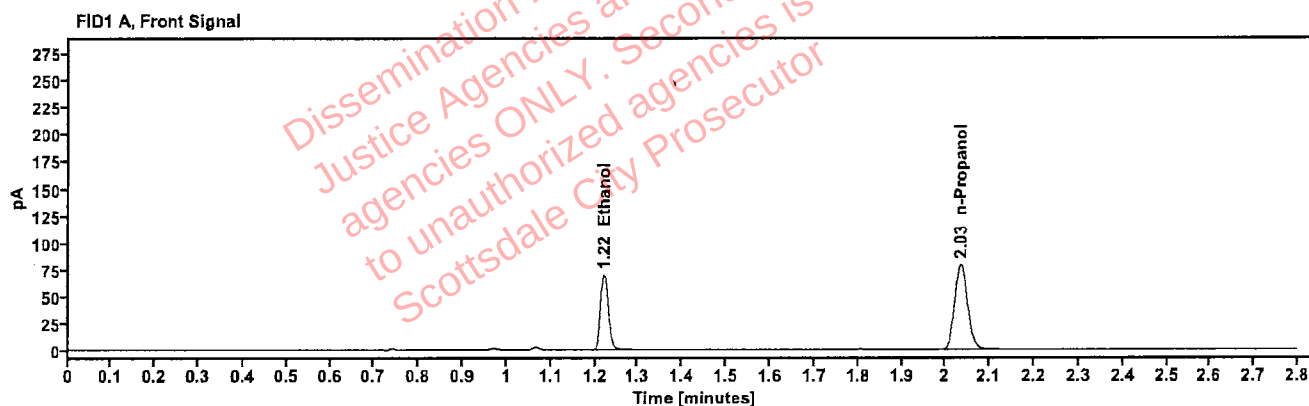


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1452	1.221	88.599
n-Propanol	—	2.035	157.969

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

Compound	Time (min)	Peak Area
Ethanol	1.370	96.788
n-Propanol	2.460	170.703

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515858-1	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 6:05:06 PM
Data file:	C:\Chem32\1\Data\22Aug25\16.D	Analyst:	Brooke

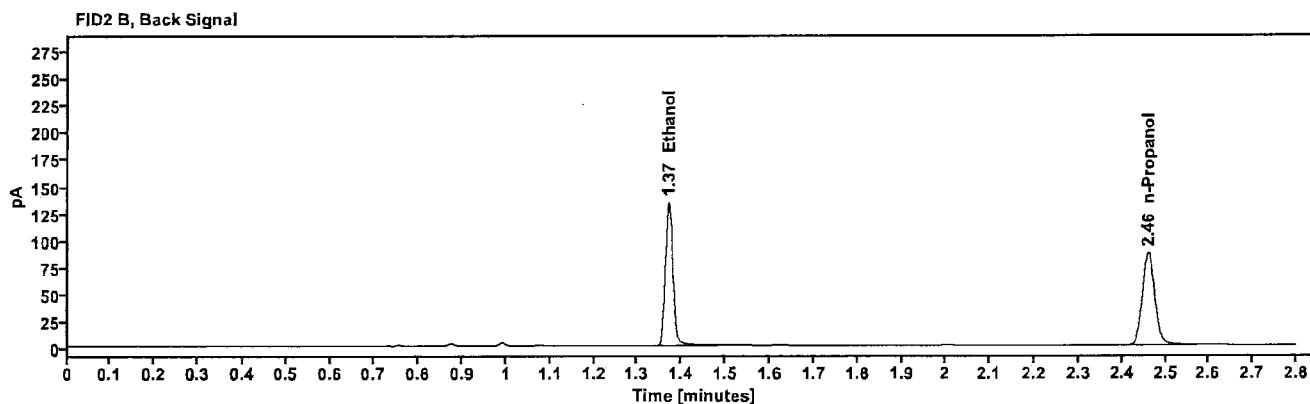
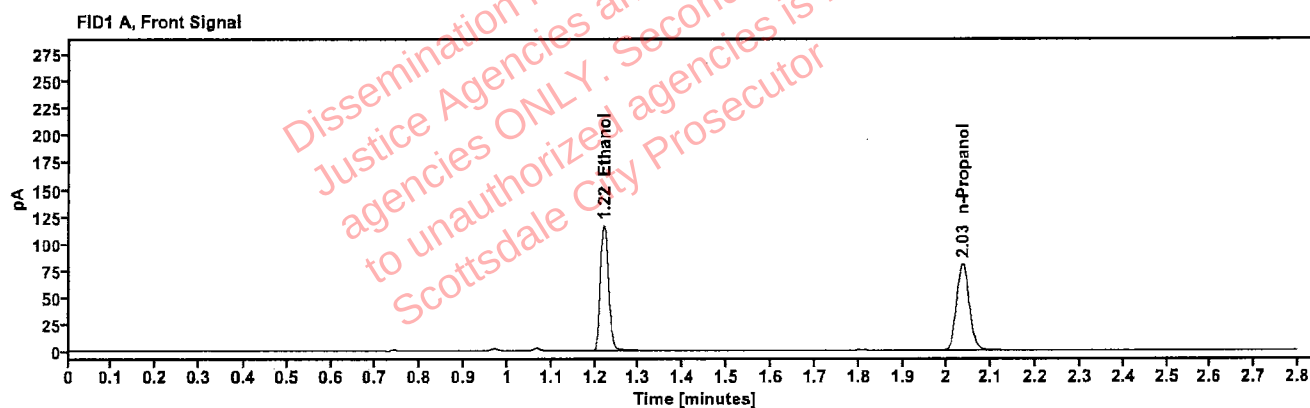


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2385	1.221	148.099
n-Propanol	---	2.035	160.264

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

Compound	Time (min)	Peak Area
Ethanol	1.370	162.802
n-Propanol	2.460	173.415

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515858-1	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
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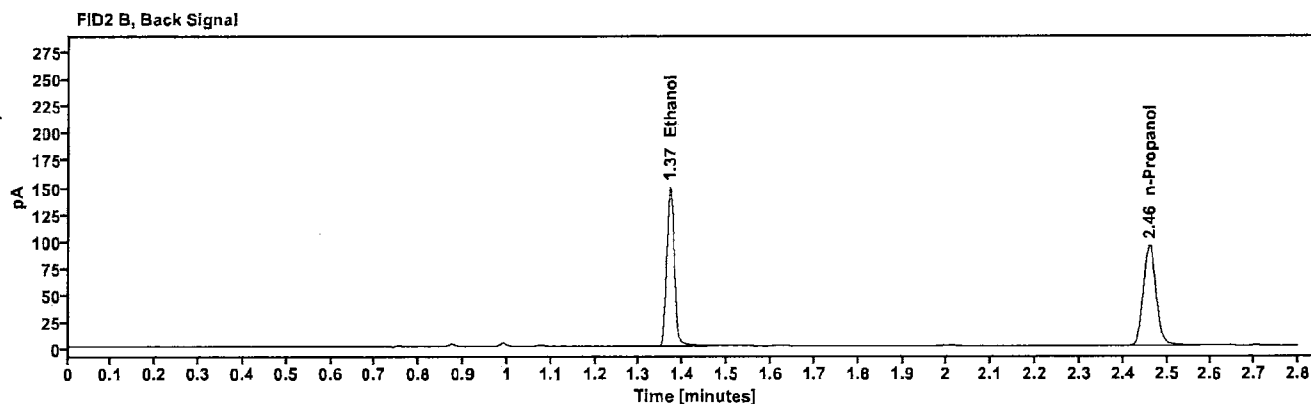
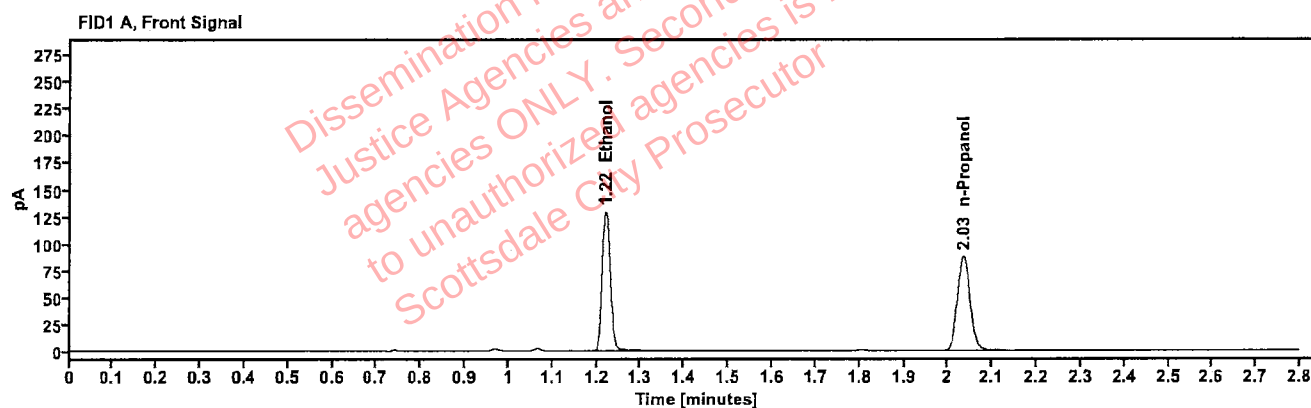


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2430	1.221	164.393
n-Propanol	-----	2.035	174.567

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

Compound	Time (min)	Peak Area
Ethanol	1.370	180.449
n-Propanol	2.460	188.878

Brooke, Phillip - (23-Aug-2025)

Case: User: pbroke 8/23/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515854-2	Vial:	18
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 6:13:07 PM
Data file:	C:\Chem32\1\Data\22Aug25\18.D	Analyst:	Brooke

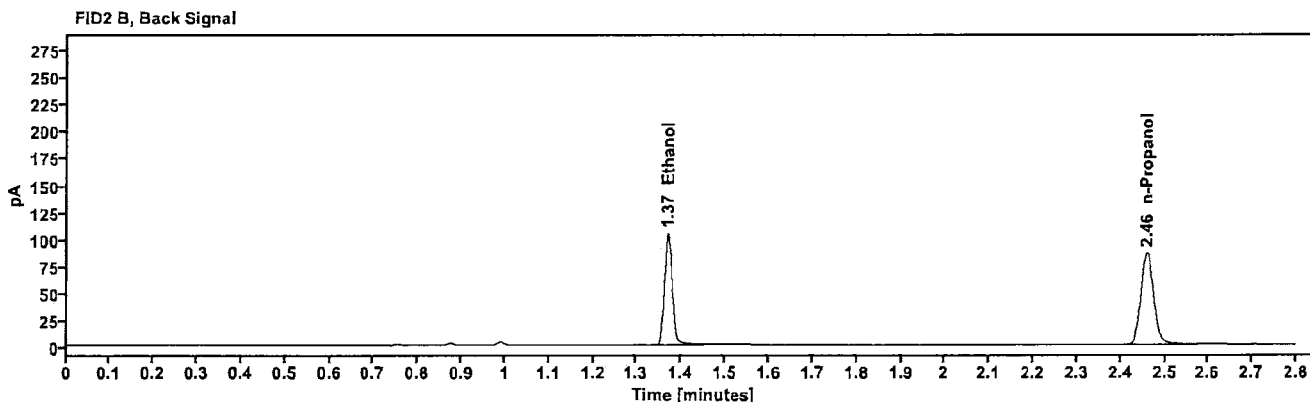
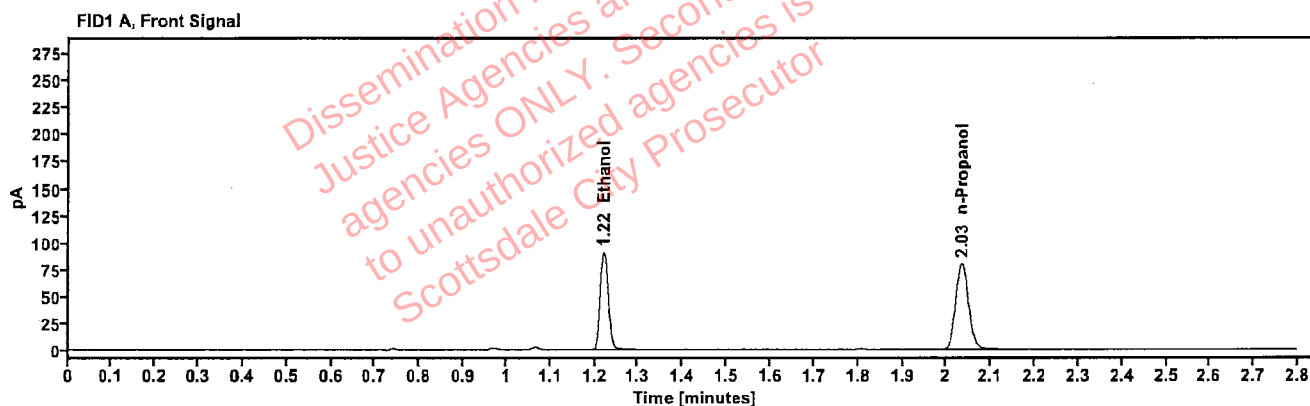


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1870	1.221	114.966
n-Propanol	-----	2.035	158.918

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

Compound	Time (min)	Peak Area
Ethanol	1.370	125.549
n-Propanol	2.460	171.595

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515854-2	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 6:17:22 PM
Data file:	C:\Chem32\1\Data\22Aug25\19.D	Analyst:	Brooke

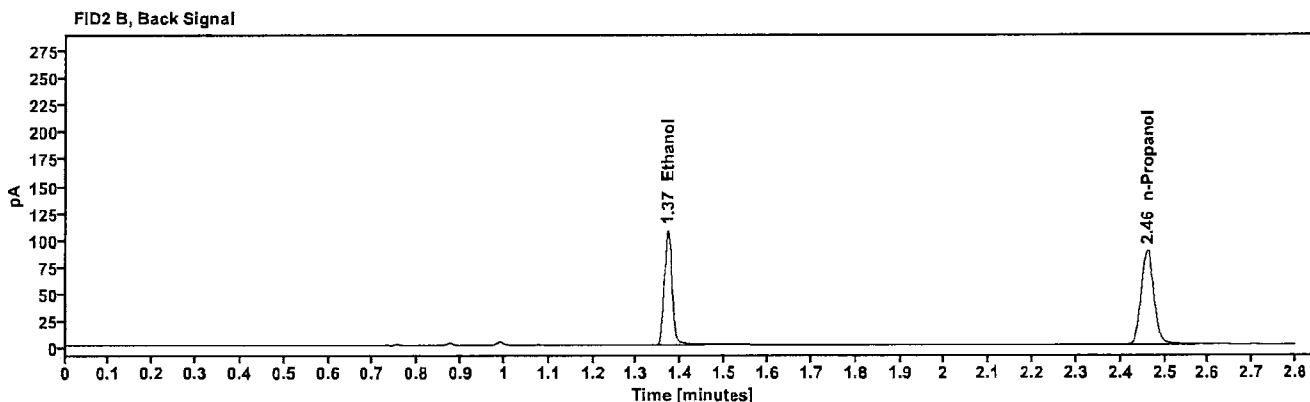
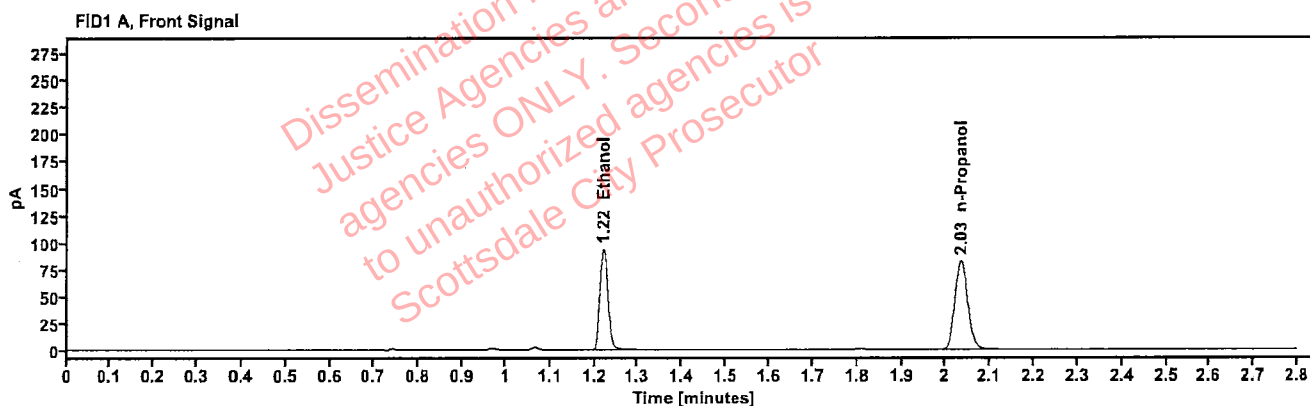


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1878	1.221	118.925
n-Propanol	---	2.035	163.657

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

Compound	Time (min)	Peak Area
Ethanol	1.370	130.012
n-Propanol	2.460	176.805

Brooke, Phillip - (23-Aug-2025)

Case: [REDACTED] User: pbrooke 8/23/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515921-2	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 6:25:22 PM
Data file:	C:\Chem32\1\Data\22Aug25\21.D	Analyst:	Brooke

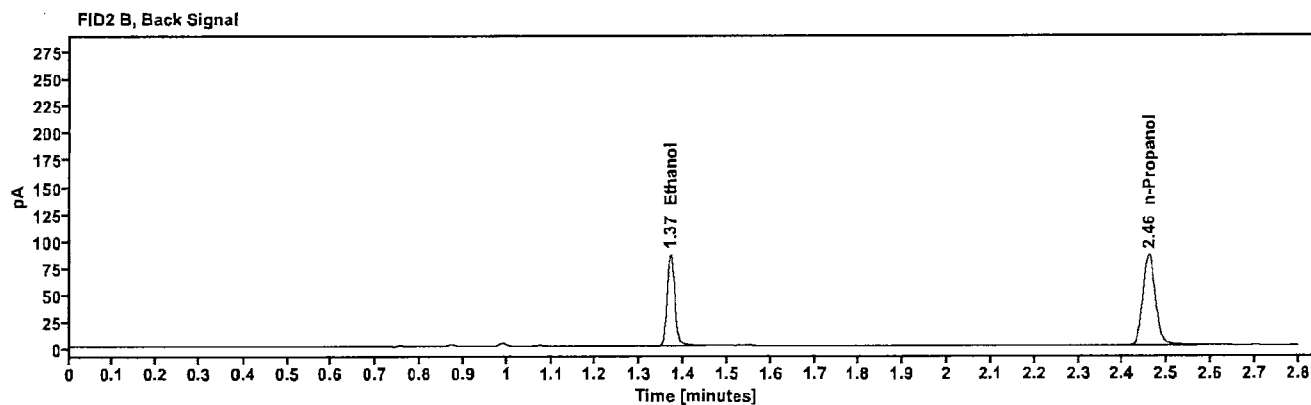
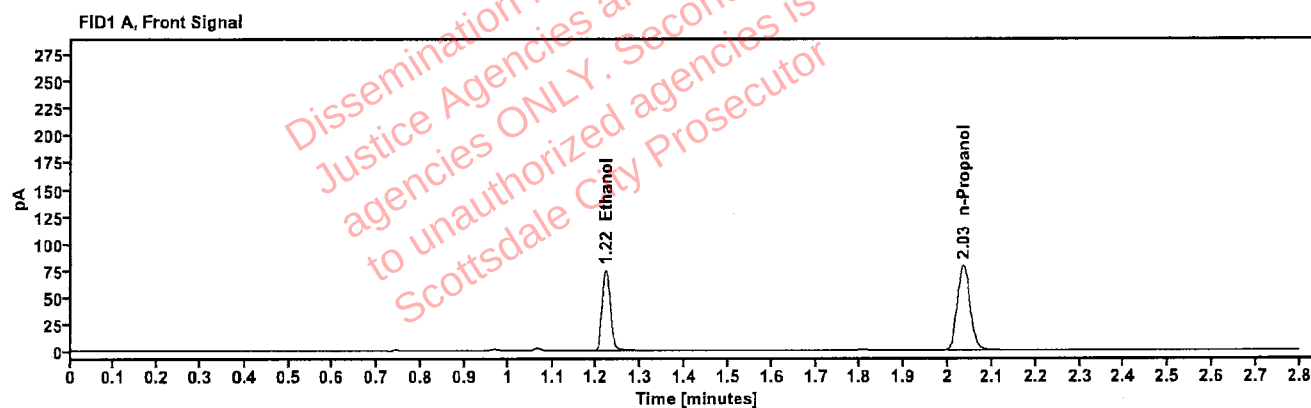


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1558	1.221	94.989
n-Propanol	—	2.034	157.752

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

Compound	Time (min)	Peak Area
Ethanol	1.370	103.639
n-Propanol	2.459	170.365

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515921-2	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
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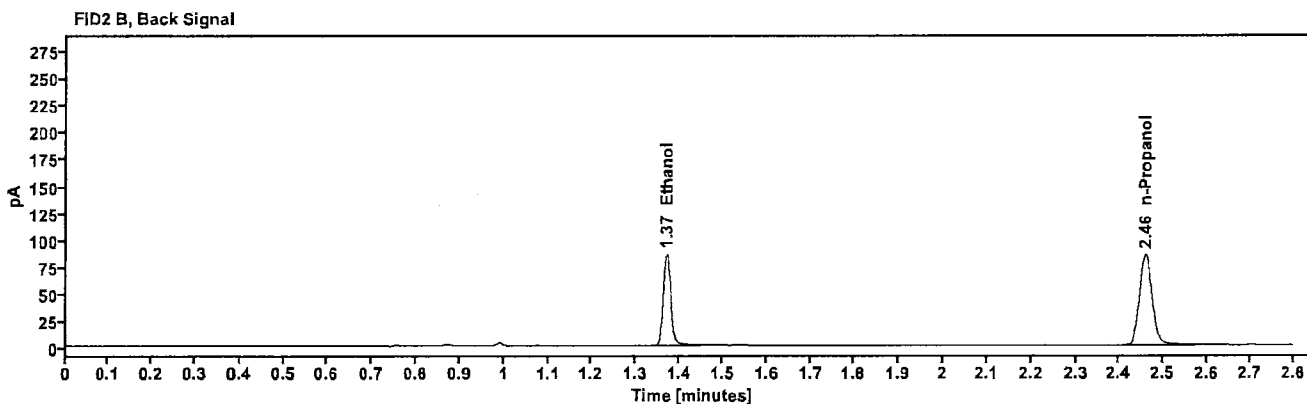
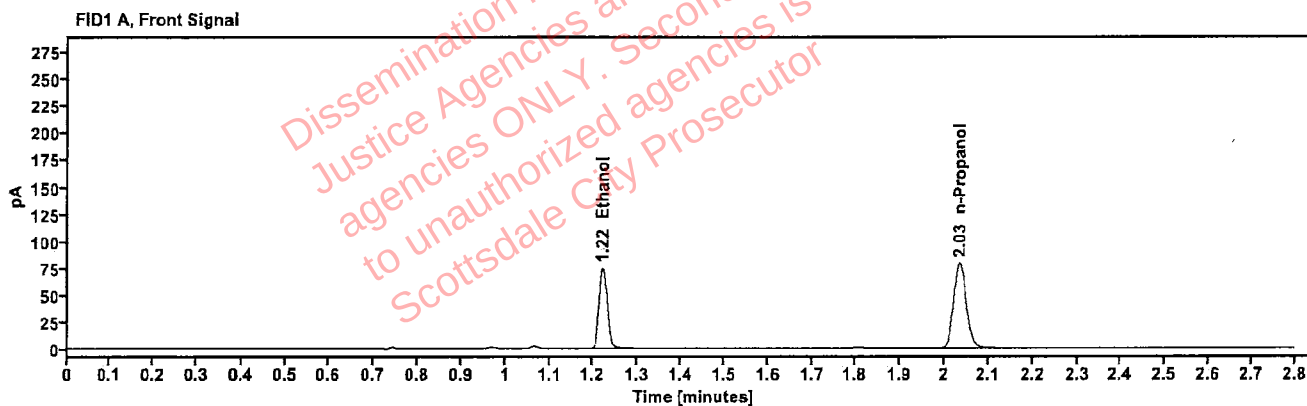


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1561	1.221	94.790
n-Propanol	—	2.034	157.125

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

Compound	Time (min)	Peak Area
Ethanol	1.370	103.544
n-Propanol	2.459	169.901

Brooke, Phillip - (23-Aug-2025)

Case: [REDACTED] User: pbrooke 8/23/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515602-1	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 6:33:22 PM
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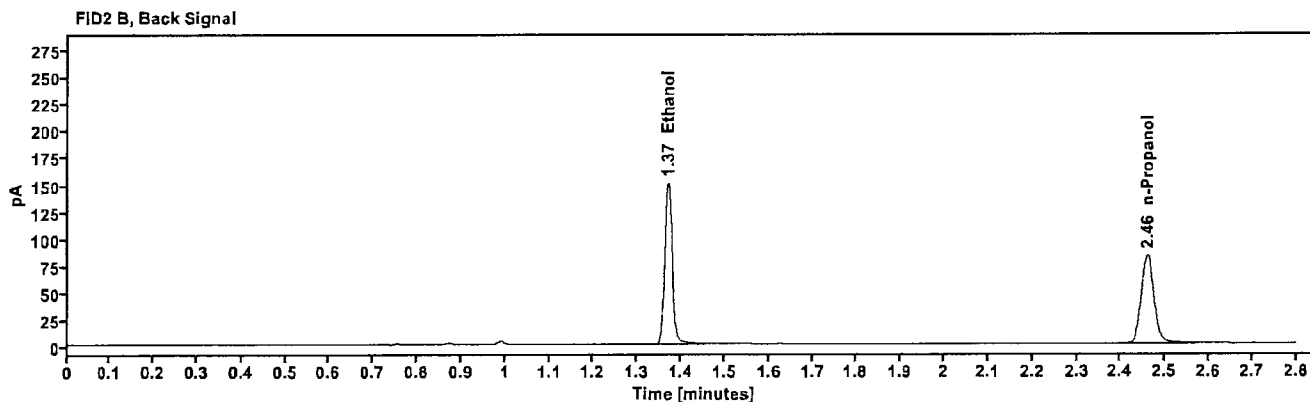
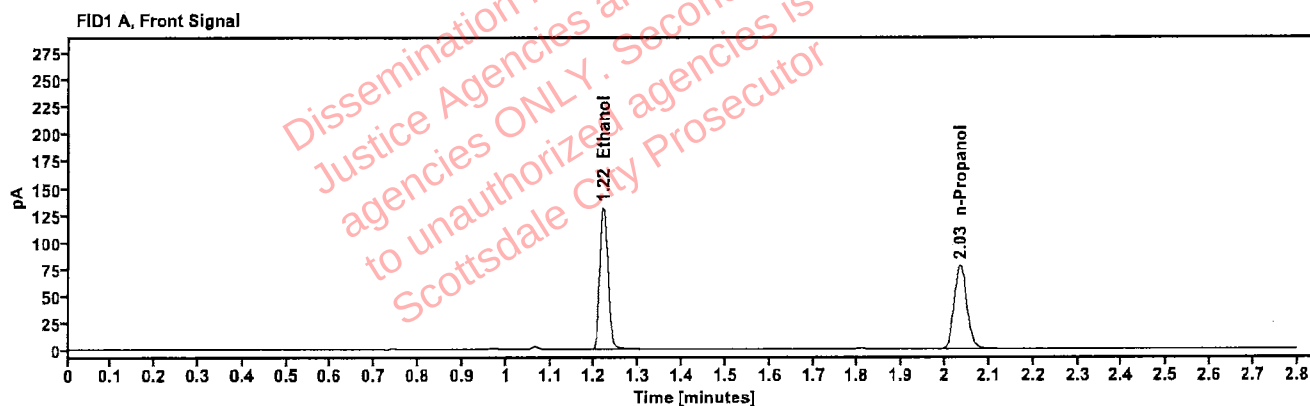


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2783	1.220	166.527
n-Propanol	—	2.034	154.266

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

Compound	Time (min)	Peak Area
Ethanol	1.370	182.604
n-Propanol	2.460	166.338

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515602-1	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 6:37:22 PM
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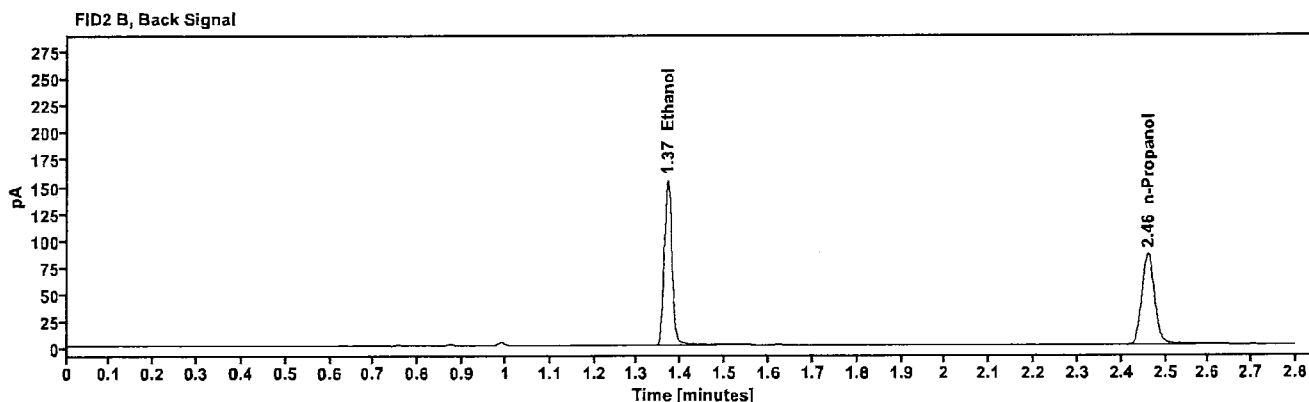
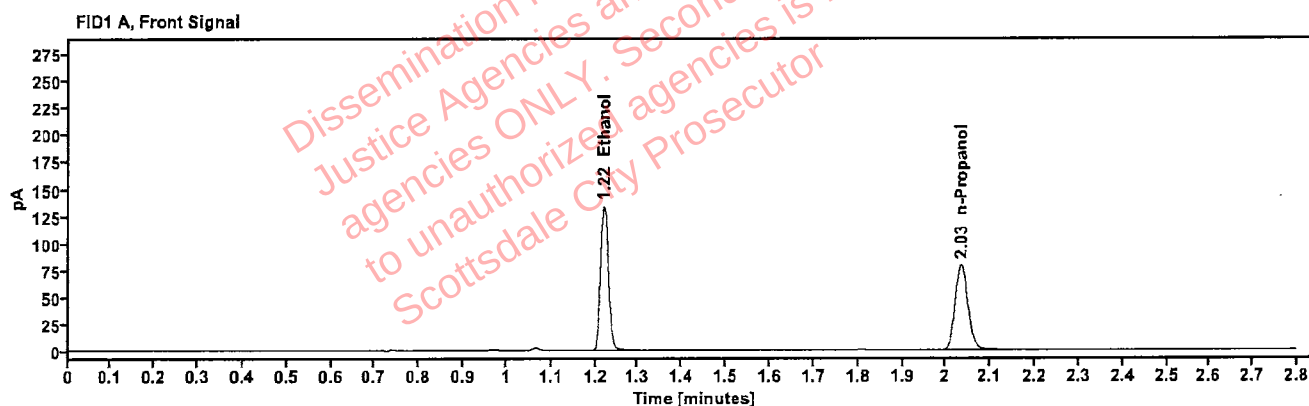


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2782	1.220	170.076
n-Propanol	---	2.035	157.629

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

Compound	Time (min)	Peak Area
Ethanol	1.370	187.202
n-Propanol	2.460	169.974

Brooke, Phillip - (23-Aug-2025)

Case: [REDACTED] User: pbroke 8/23/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515533-1	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 6:41:37 PM
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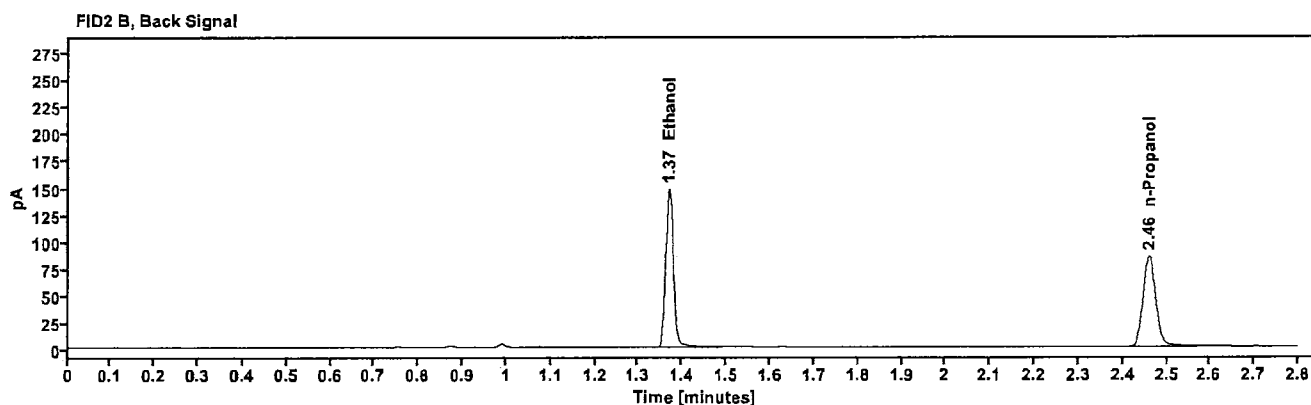
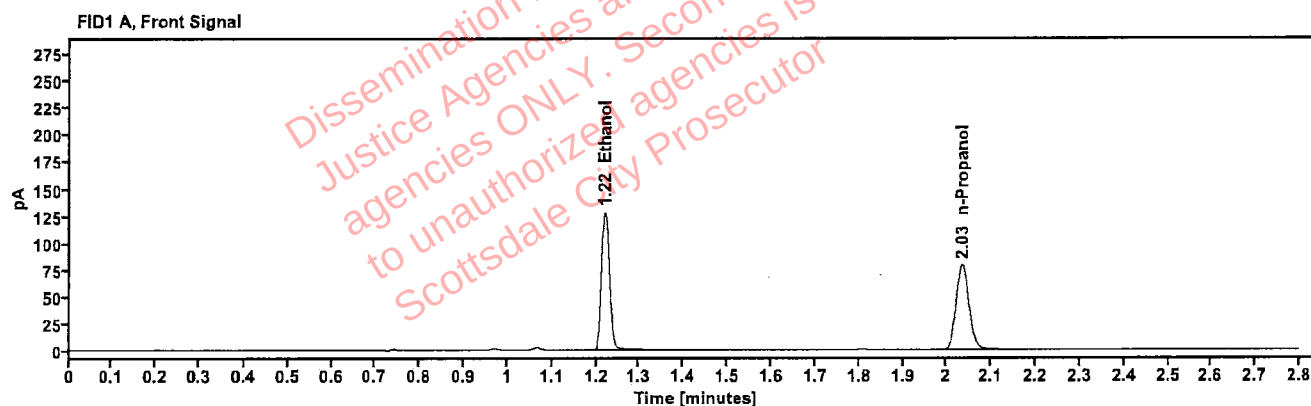


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2667	1.220	162.876
n-Propanol	---	2.035	157.484

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

Compound	Time (min)	Peak Area
Ethanol	1.370	179.193
n-Propanol	2.460	169.593

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515533-1	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 6:45:36 PM
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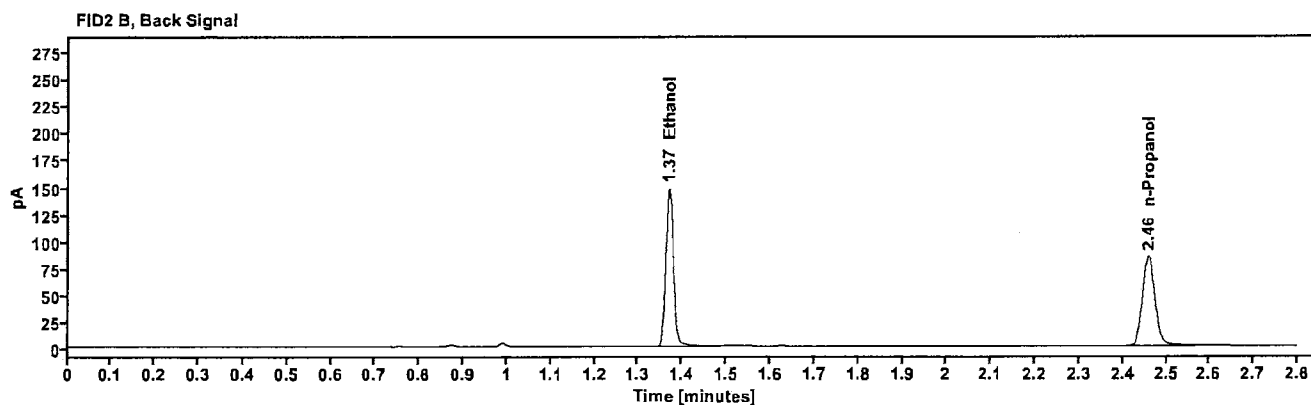
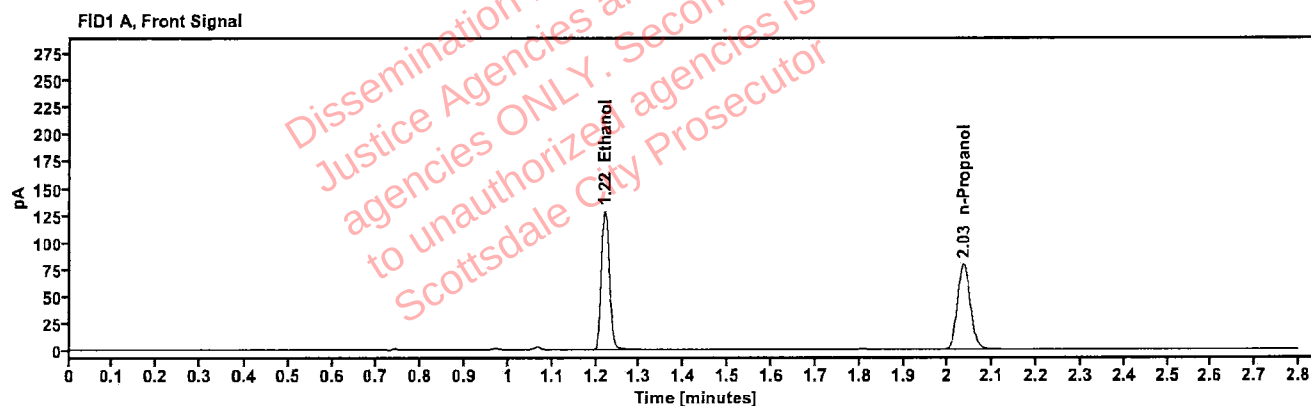


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2679	1.220	163.040
n-Propanol	—	2.034	156.944

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

Compound	Time (min)	Peak Area
Ethanol	1.370	179.210
n-Propanol	2.459	169.018

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515472-2	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 6:49:37 PM
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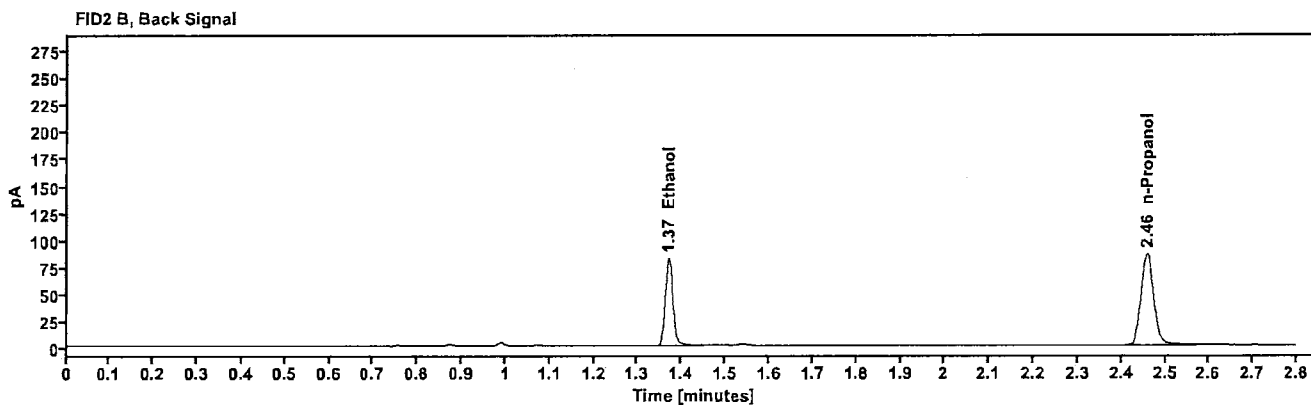
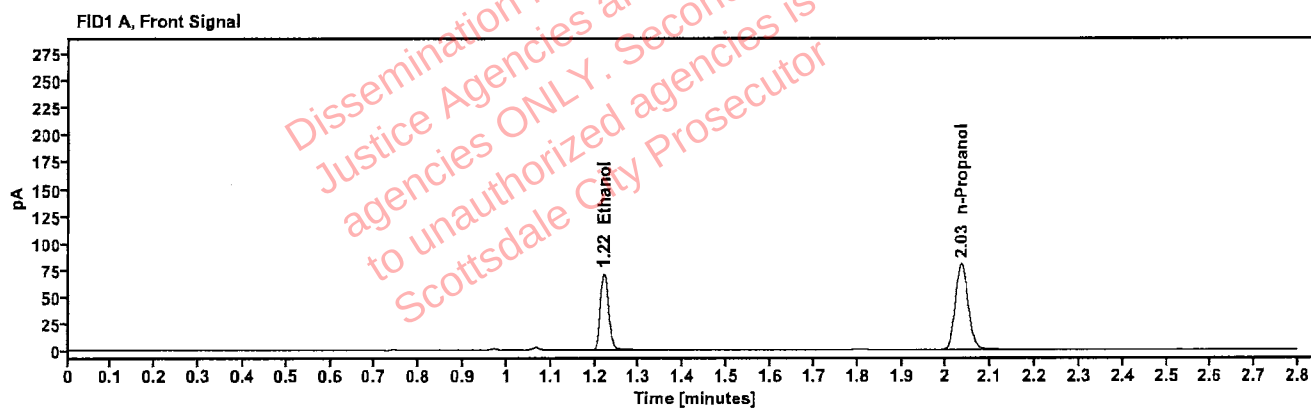


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1476	1.221	90.788
n-Propanol	—	2.034	159.293

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

Compound	Time (min)	Peak Area
Ethanol	1.370	99.015
n-Propanol	2.459	172.037

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515472-2	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 6:53:37 PM
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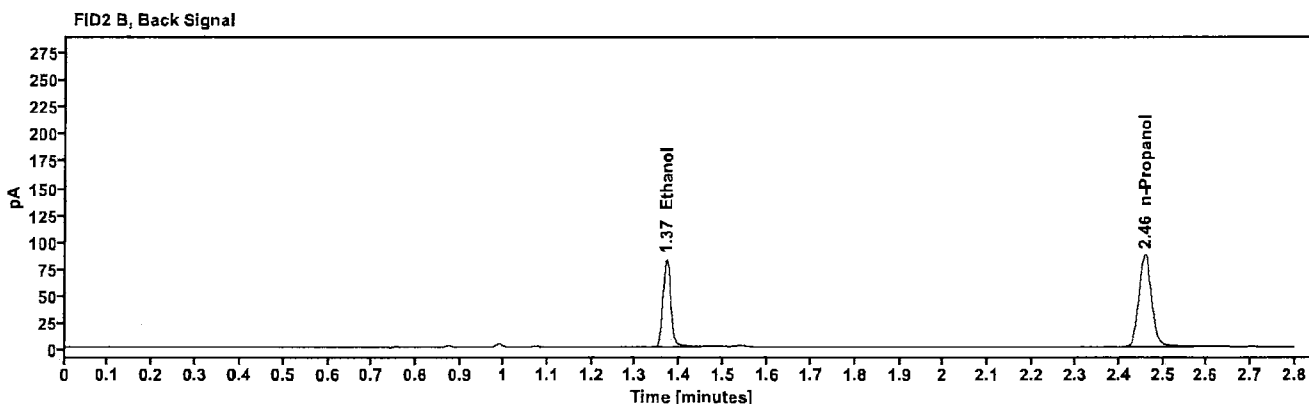
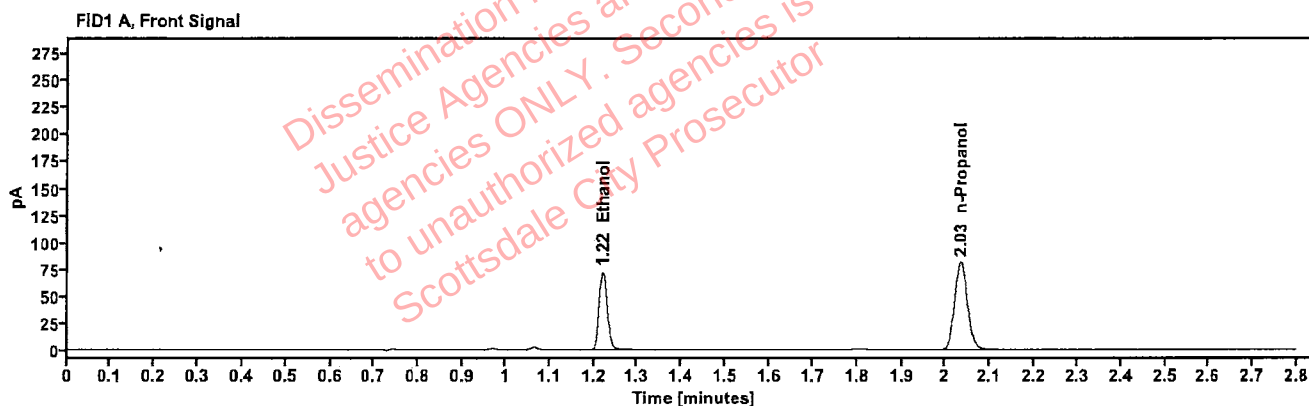


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1475	1.221	91.878
n-Propanol	—	2.034	161.258

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

Compound	Time (min)	Peak Area
Ethanol	1.370	100.239
n-Propanol	2.459	174.324

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515994-2	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 6:57:37 PM
Data file:	C:\Chem32\1\Data\22Aug25\29.D	Analyst:	Brooke

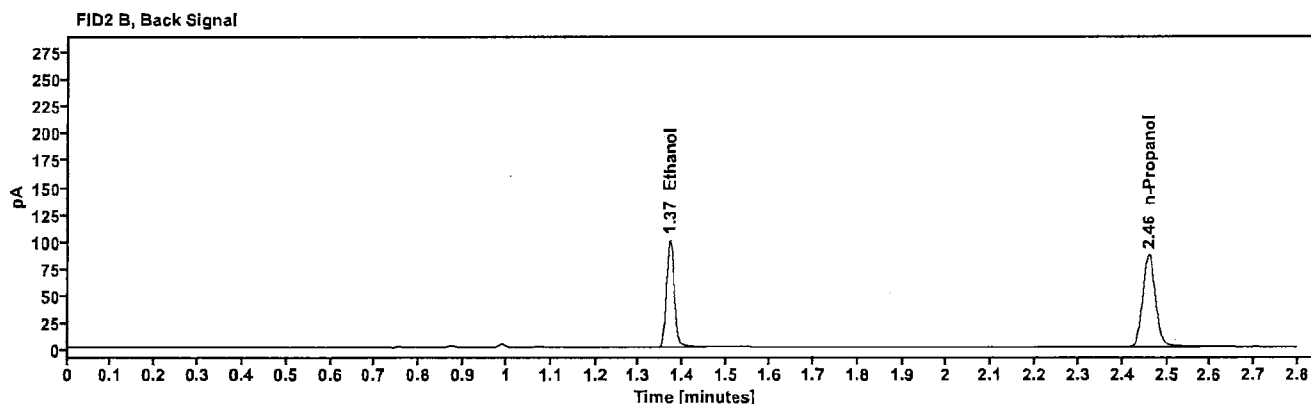
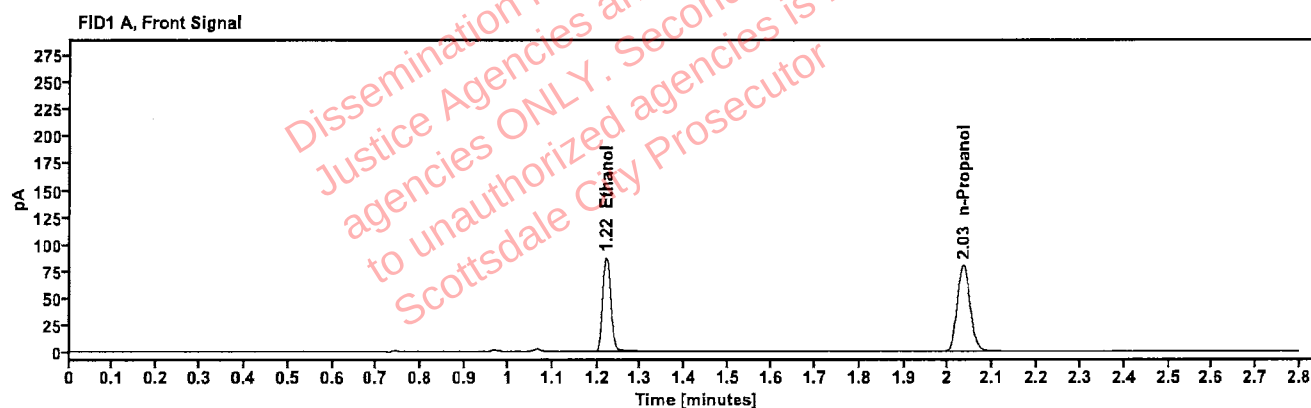


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1797	1.220	111.094
n-Propanol	-----	2.034	159.814

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

Compound	Time (min)	Peak Area
Ethanol	1.370	121.250
n-Propanol	2.459	172.777

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515994-2	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 7:01:38 PM
Data file:	C:\Chem32\1\Data\22Aug25\30.D	Analyst:	Brooke

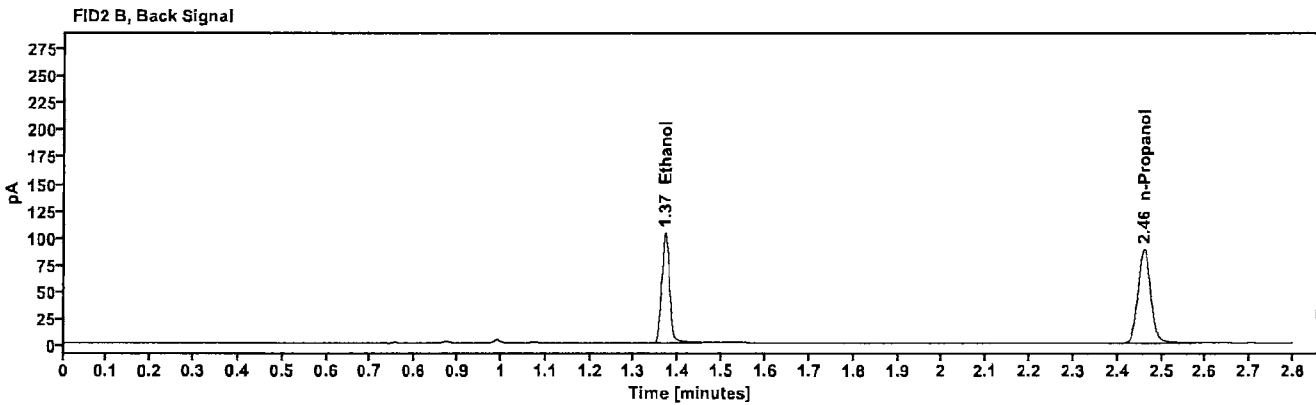
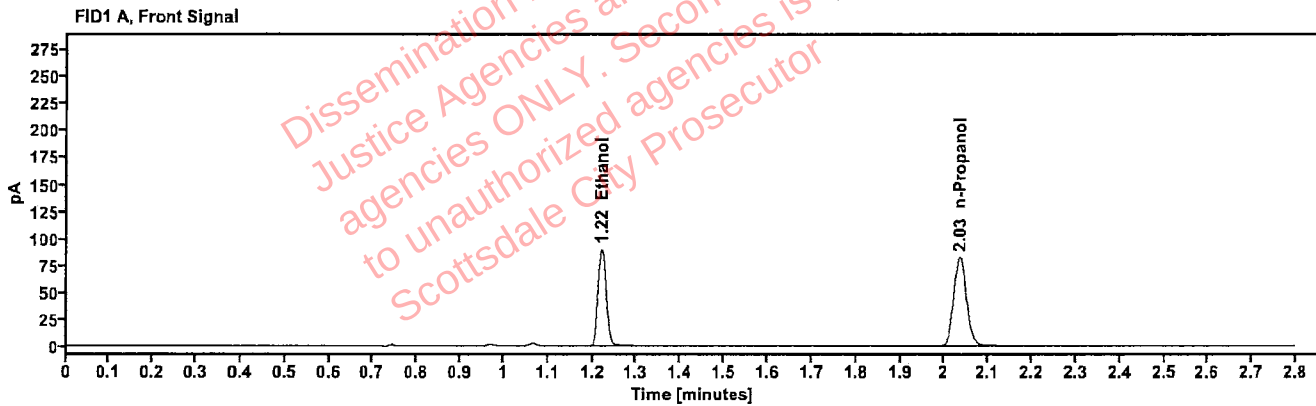


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1802	1.221	114.038
n-Propanol	-----	2.034	163.611

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

Compound	Time (min)	Peak Area
Ethanol	1.370	124.917
n-Propanol	2.460	176.783

Brooke, Phillip - (23-Aug-2025)

Case: [REDACTED] User: pbrooke 8/23/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515723-2	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 7:09:51 PM
Data file:	C:\Chem32\1\Data\22Aug25\32.D	Analyst:	Brooke

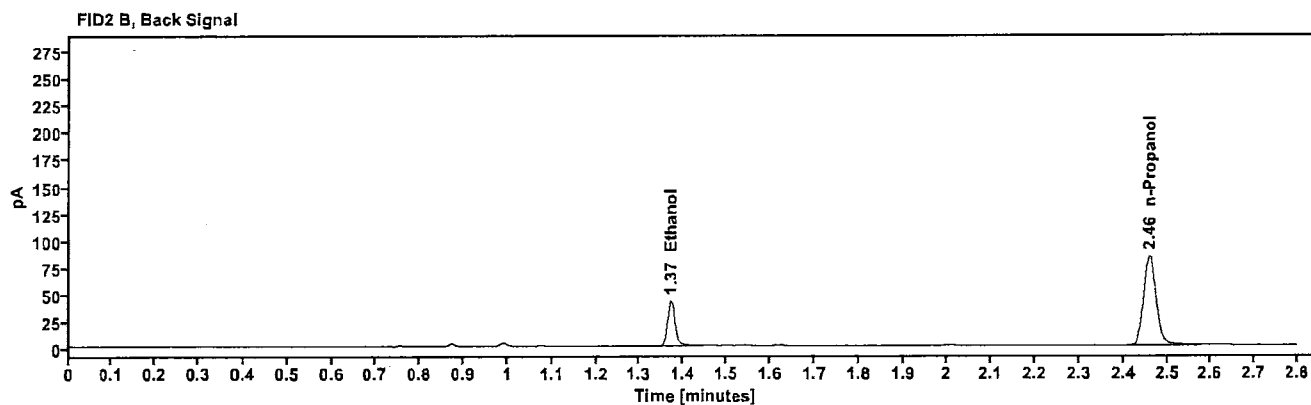
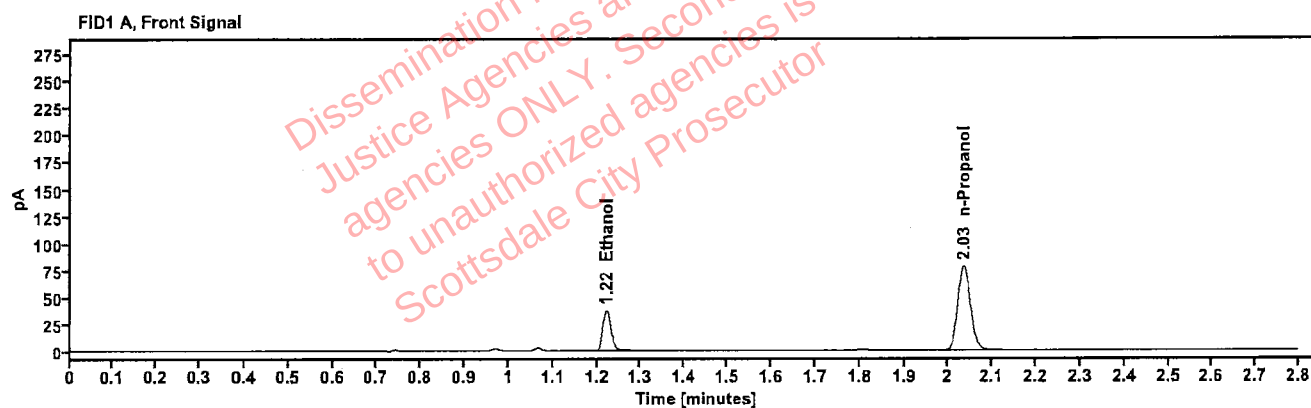


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0795	1.222	47.306
n-Propanol	—	2.035	155.320

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

Compound	Time (min)	Peak Area
Ethanol	1.371	51.435
n-Propanol	2.460	167.990

Brooke, Phillip - (23-Aug-2025)

Case: User: pbroke 8/23/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515723-2	Vial:	33
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 7:13:51 PM
Data file:	C:\Chem321\Data\22Aug25\33.D	Analyst:	Brooke

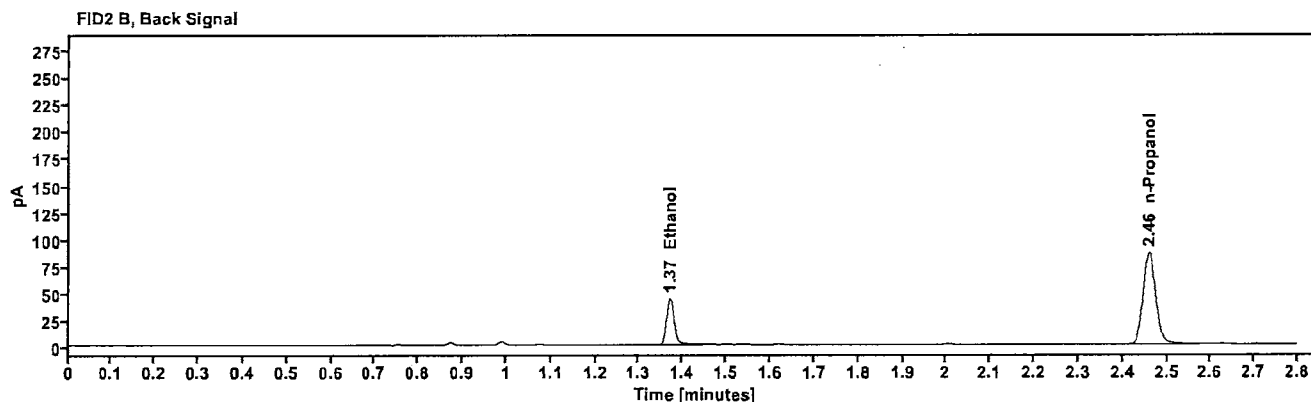
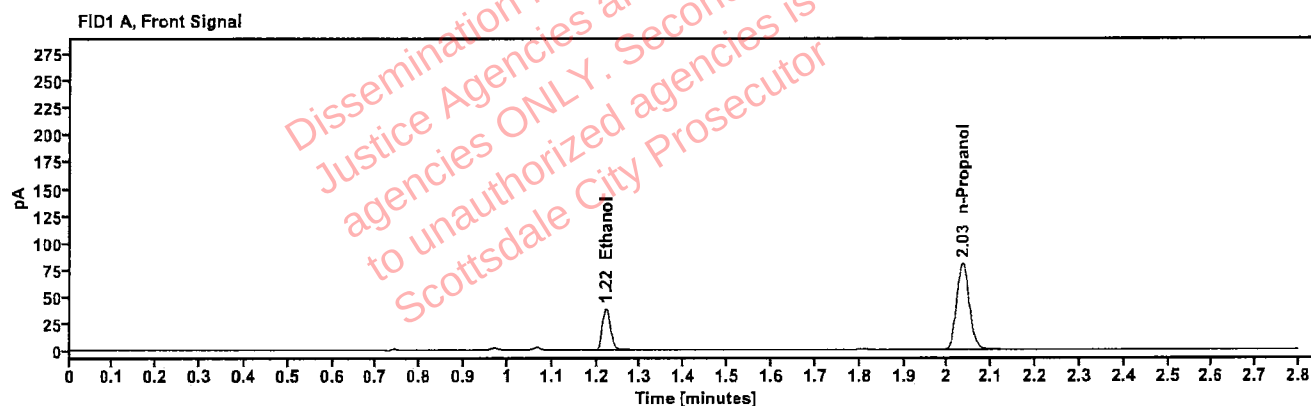


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0793	1.222	48.486
n-Propanol	-----	2.035	159.464

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

Compound	Time (min)	Peak Area
Ethanol	1.371	52.719
n-Propanol	2.460	172.419

Brooke, Phillip - (23-Aug-2025)

Case: [REDACTED] User: pbroke 8/23/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516180-1	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 7:17:51 PM
Data file:	C:\Chem32\1\Data\22Aug25\34.D	Analyst:	Brooke

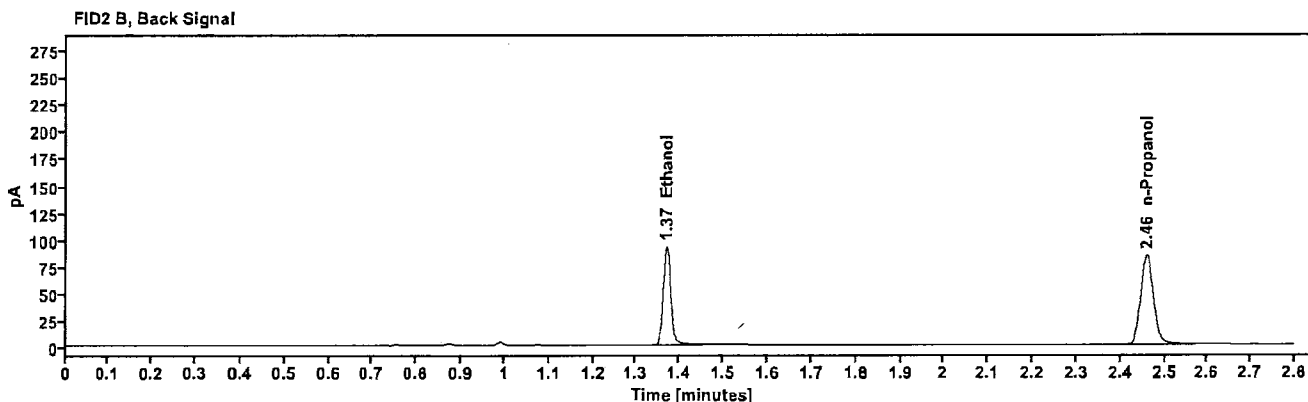
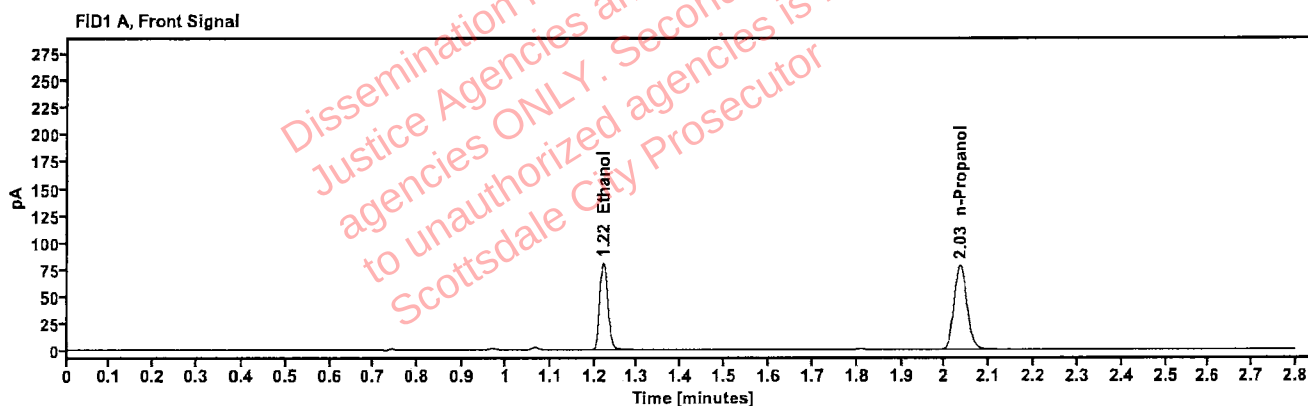


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1702	1.221	102.451
n-Propanol	-----	2.035	155.642

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

Compound	Time (min)	Peak Area
Ethanol	1.370	112.083
n-Propanol	2.460	168.011

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516180-1	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 7:21:51 PM
Data file:	C:\Chem32\1\Data\22Aug25\35.D	Analyst:	Brooke

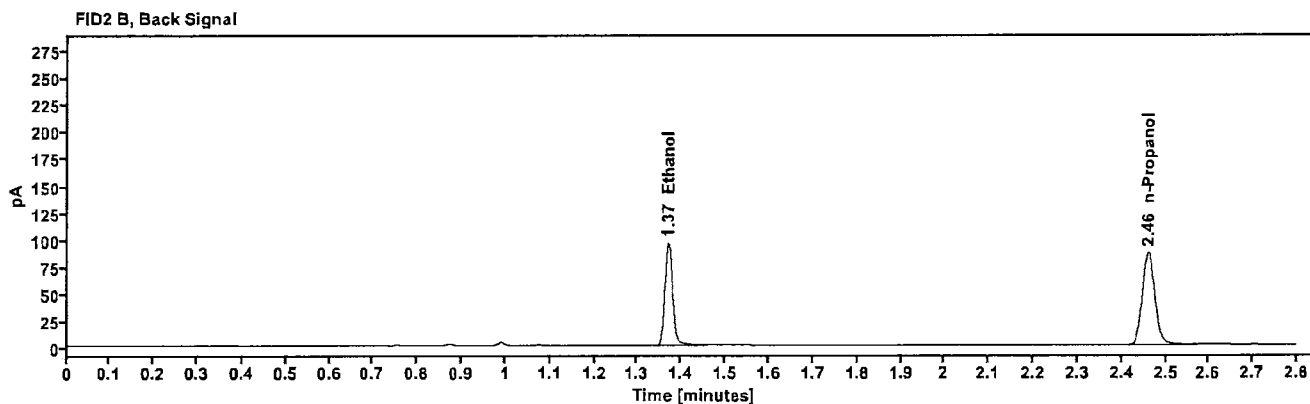
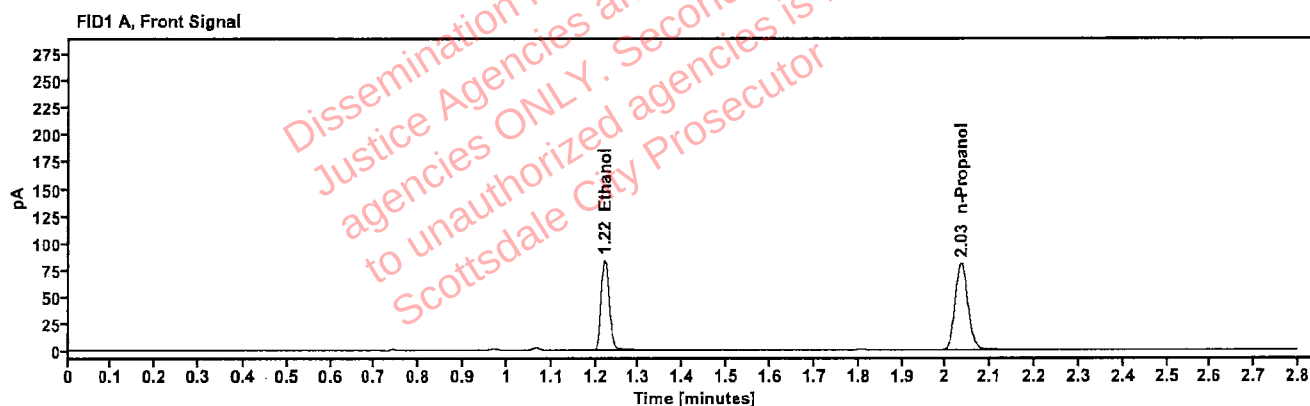


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1712	1.221	106.202
n-Propanol	---	2.035	160.386

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

Compound	Time (min)	Peak Area
Ethanol	1.370	116.244
n-Propanol	2.460	173.108

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515803-2	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 7:25:53 PM
Data file:	C:\Chem32\1\Data\22Aug25\36.D	Analyst:	Brooke

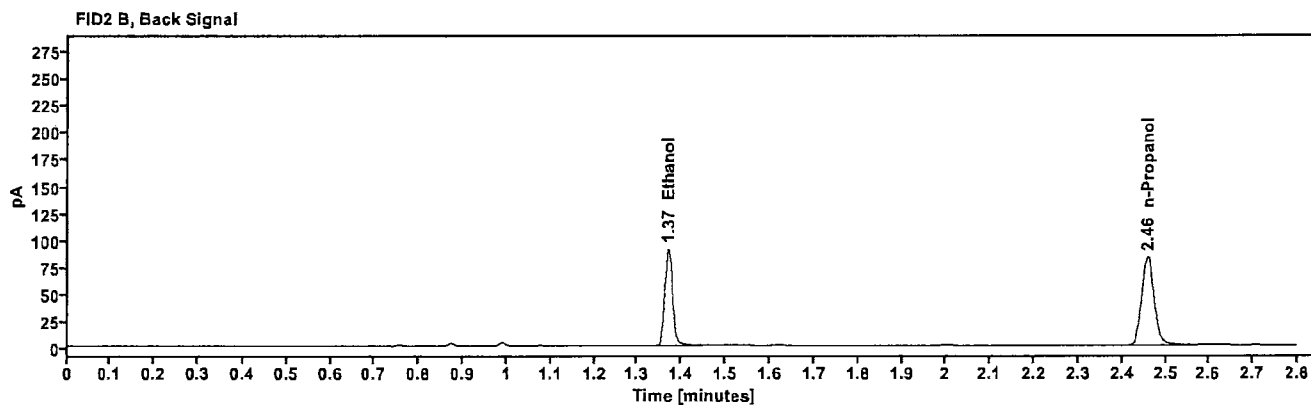
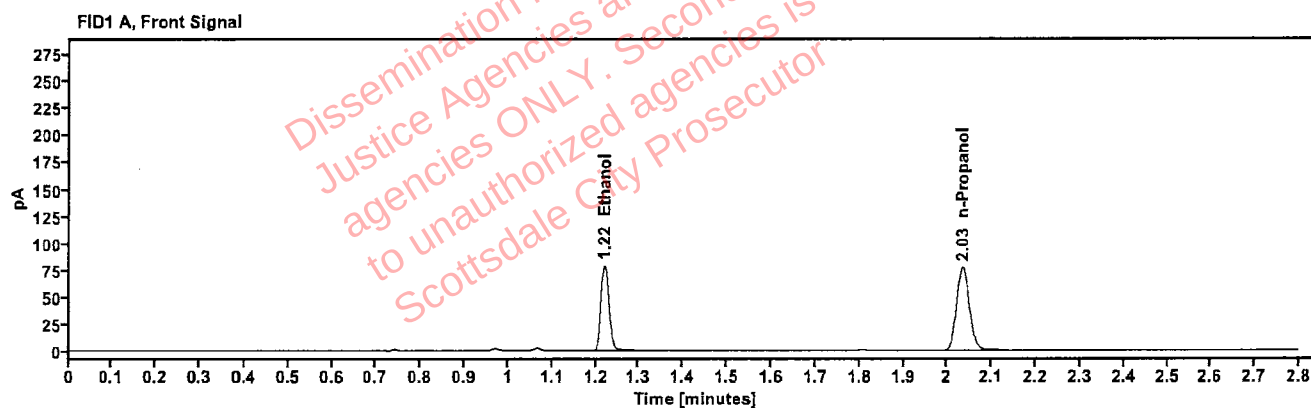


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1692	1.220	100.370
n-Propanol	-----	2.034	153.446

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

Compound	Time (min)	Peak Area
Ethanol	1.369	109.401
n-Propanol	2.459	166.026

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515803-2	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 7:30:06 PM
Data file:	C:\Chem32\1\Data\22Aug25\37.D	Analyst:	Brooke

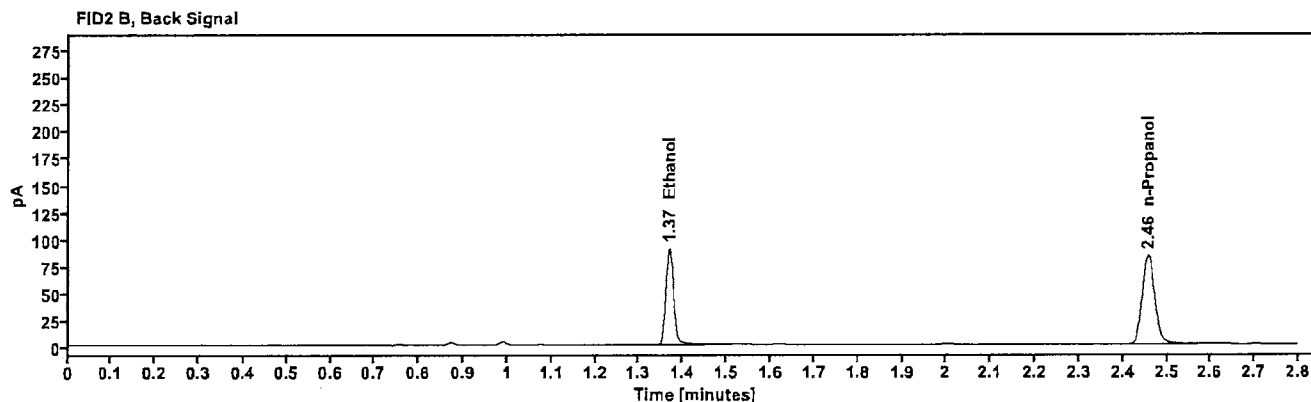
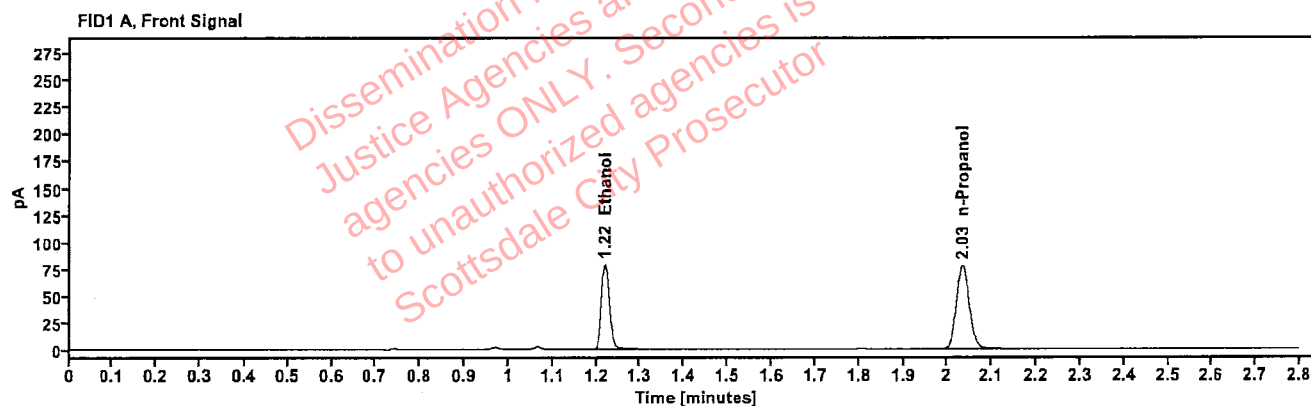


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1677	1.220	100.122
n-Propanol	-----	2.033	154.387

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

Compound	Time (min)	Peak Area
Ethanol	1.368	109.493
n-Propanol	2.458	167.108

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516207-1	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 7:34:07 PM
Data file:	C:\Chem32\1\Data\22Aug25\38.D	Analyst:	Brooke

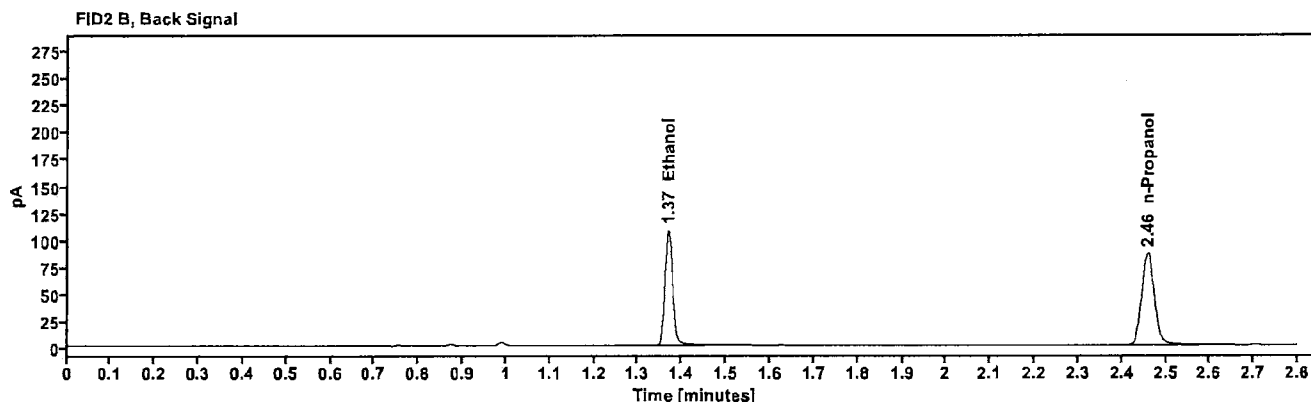
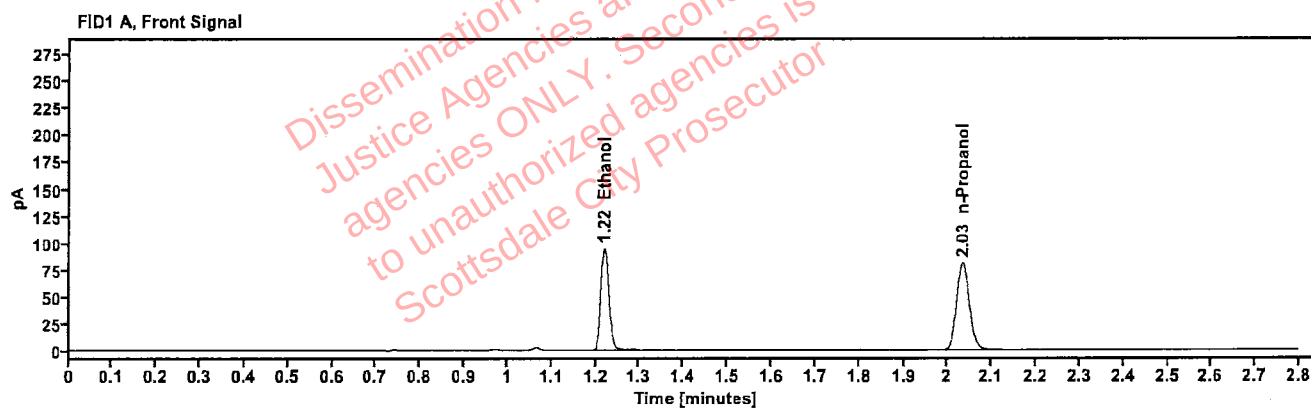


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1925	1.220	119.621
n-Propanol	—	2.034	160.588

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

Compound	Time (min)	Peak Area
Ethanol	1.369	130.734
n-Propanol	2.459	173.564

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516207-1	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 7:38:06 PM
Data file:	C:\Chem32\1\Data\22Aug25\39.D	Analyst:	Brooke

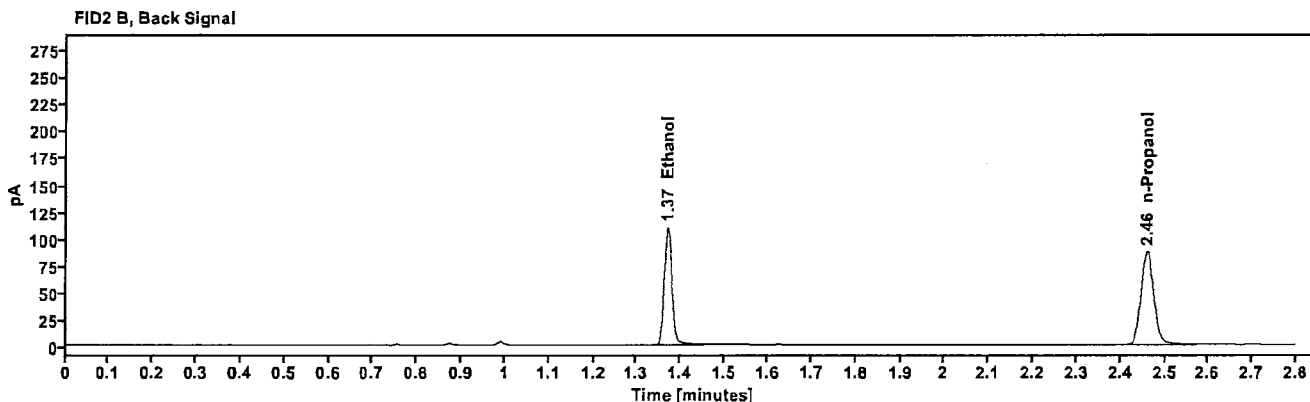
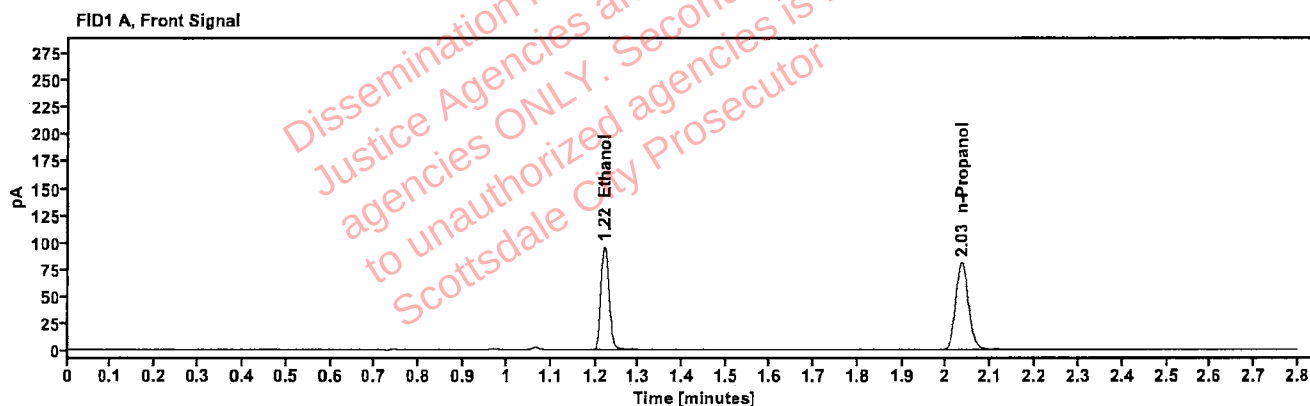


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1944	1.221	121.231
n-Propanol	—	2.035	161.162

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

Compound	Time (min)	Peak Area
Ethanol	1.370	132.375
n-Propanol	2.460	173.983

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515908-1	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 7:42:06 PM
Data file:	C:\Chem32\1\Data\22Aug25\40.D	Analyst:	Brooke

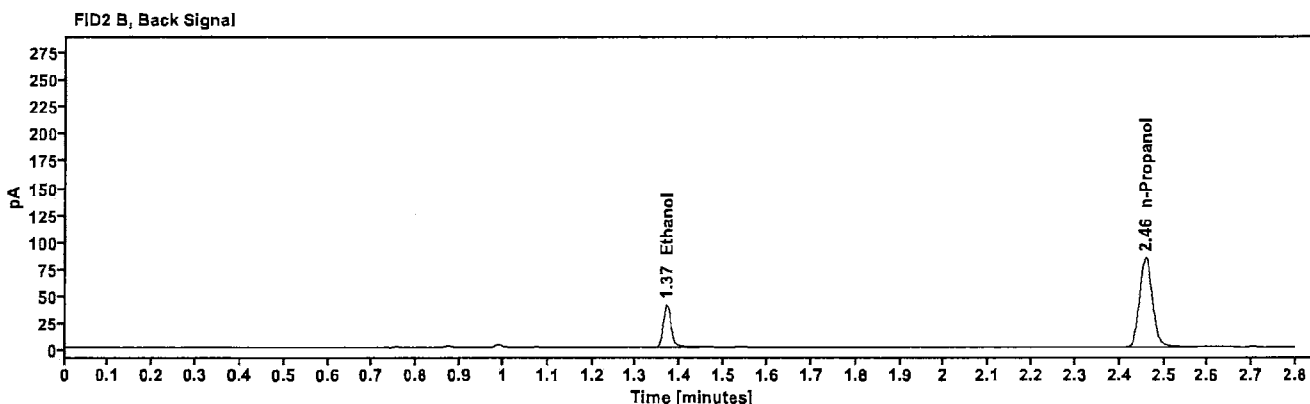
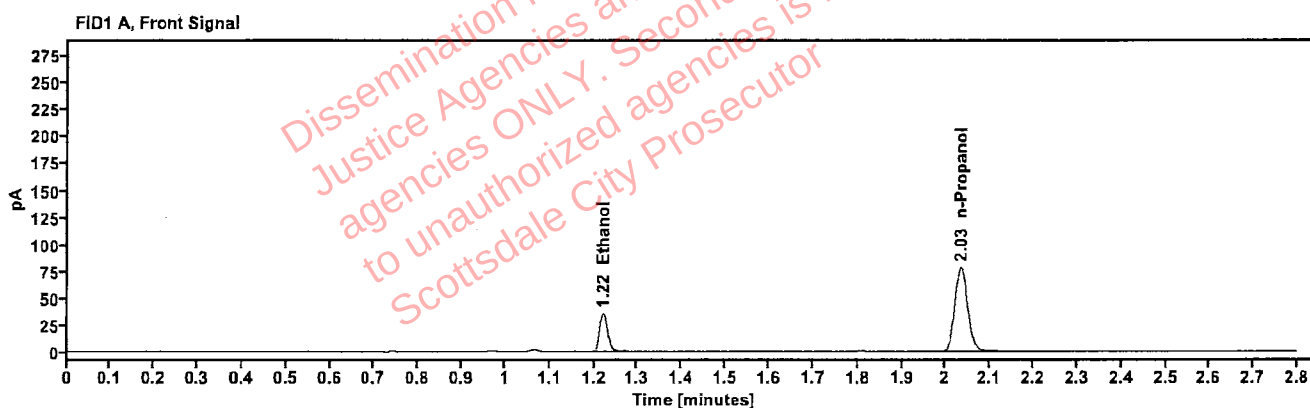


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0755	1.221	45.029
n-Propanol	-----	2.034	155.745

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

Compound	Time (min)	Peak Area
Ethanol	1.370	48.972
n-Propanol	2.459	168.351

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515908-1	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/22/2025 7:46:06 PM
Data file:	C:\Chem32\1\Data\22Aug25\41.D	Analyst:	Brooke

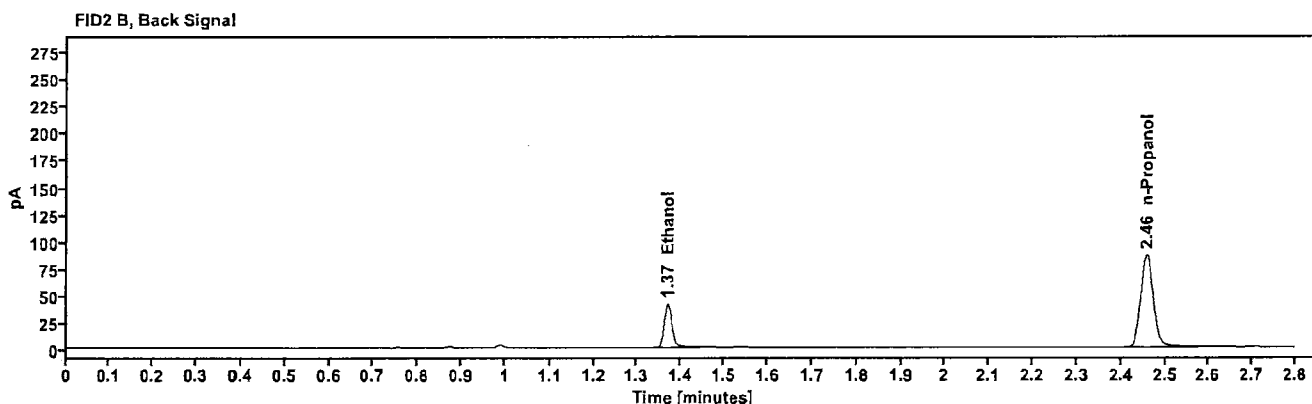
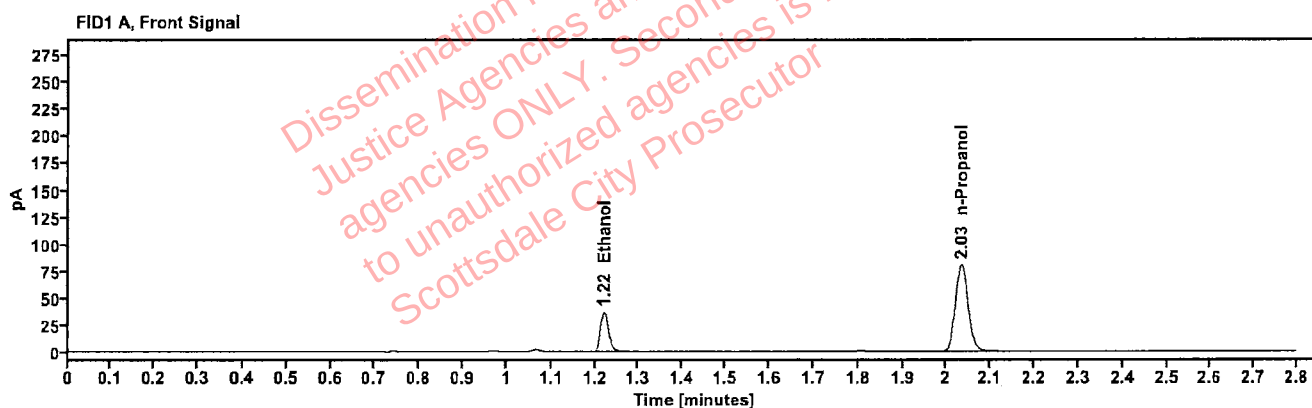


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0751	1.221	46.032
n-Propanol	—	2.034	160.051

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

Compound	Time (min)	Peak Area
Ethanol	1.369	50.060
n-Propanol	2.458	173.177