

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY

BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 07/16/2025

SEQUENCE NAME 16Jul25

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 0.99993

Vial 3 0.20 calibrator Lot FN03132302

Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

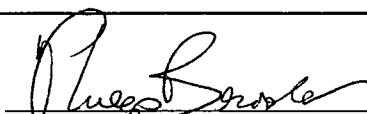
Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 111224WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.398 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.042 g/dL	Lipomed 518018
9	Blood control	0.203 g/dL	0.203 g/dL	ACQ 4130622206/10
20	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 517758
31	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 517758
42	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 517758
53	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 517758
64	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 12052023-B
65	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
66	Blood control	0.203 g/dL	0.203 g/dL	ACQ 4130622206/10
67	Blank	Not detected	Not detected	SPD lab 060925AQ

SUBJECT SAMPLES

Subjects in the sequence 25 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

BS

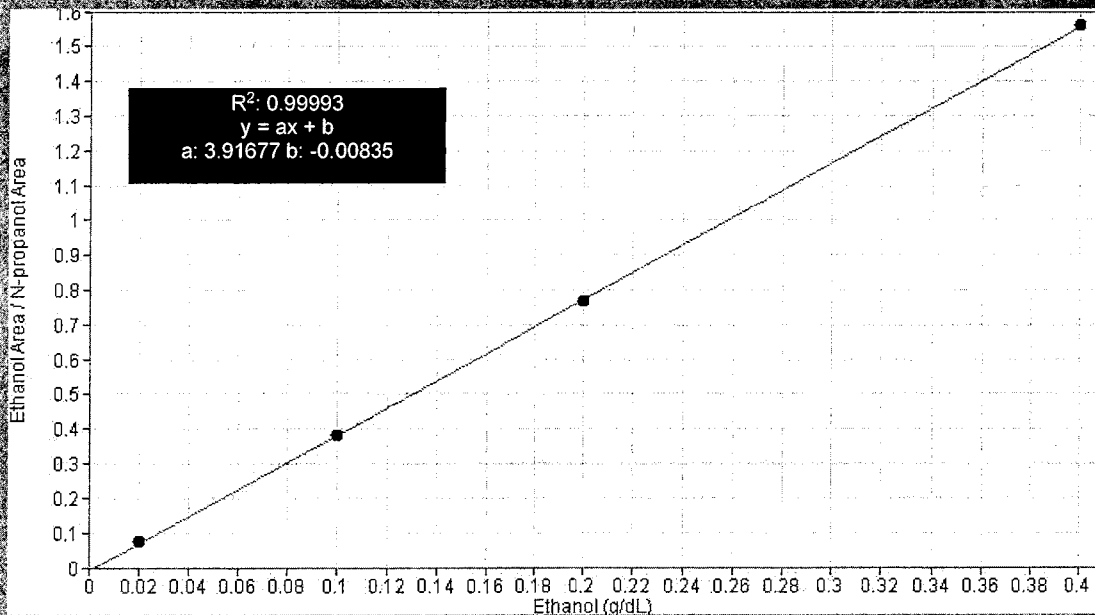
SEQUENCE NAME: 16Jul25

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	0.398	0.400	0.50	-0.002
0.040 518018	8	0.042	0.040	5.00	0.002
0.203 4130622206/10	9	0.203	0.203	0.00	0.000
0.100 517758	20	0.100	0.100	0.00	0.000
0.100 517758	31	0.100	0.100	0.00	0.000
0.100 517758	42	0.100	0.100	0.00	0.000
0.100 517758	53	0.100	0.100	0.00	0.000
0.400 12052023-B	64	0.399	0.400	0.25	-0.001
0.040 518018	65	0.041	0.040	2.50	0.001
0.203 4130622206/10	66	0.203	0.203	0.00	0.000
blank 060925AQ	67	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.140	149.836	0.074
0.100	58.540	152.916	0.383
0.200	119.028	155.092	0.768
0.400	240.474	153.950	1.562

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

18

Sample:	0.020 FN03122113	Vial:	1
Description:	0.020 calibrator	Sequence:	16Jul25
Method:	ethanol quant.M	Injection date:	7/16/2025 6:34:28 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\16Jul25\1.D		

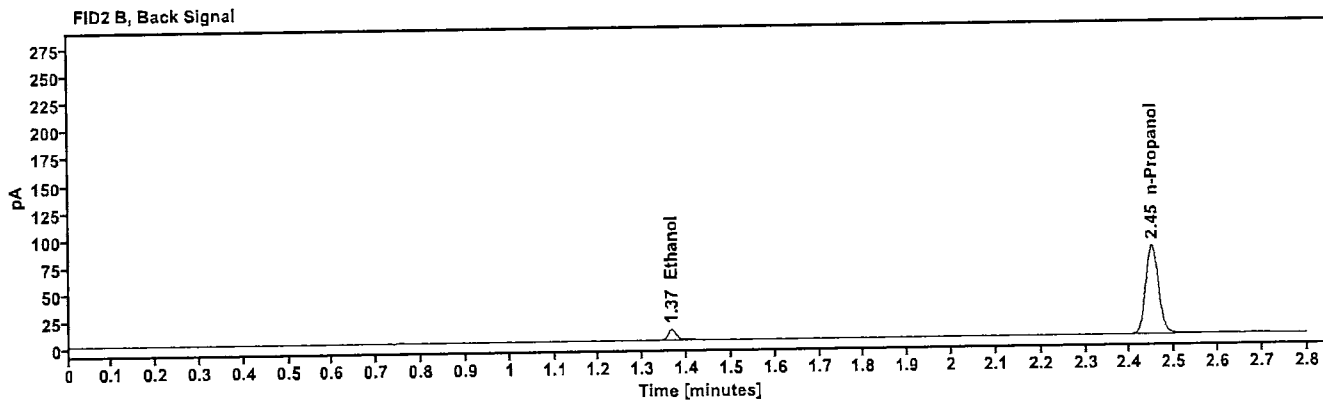
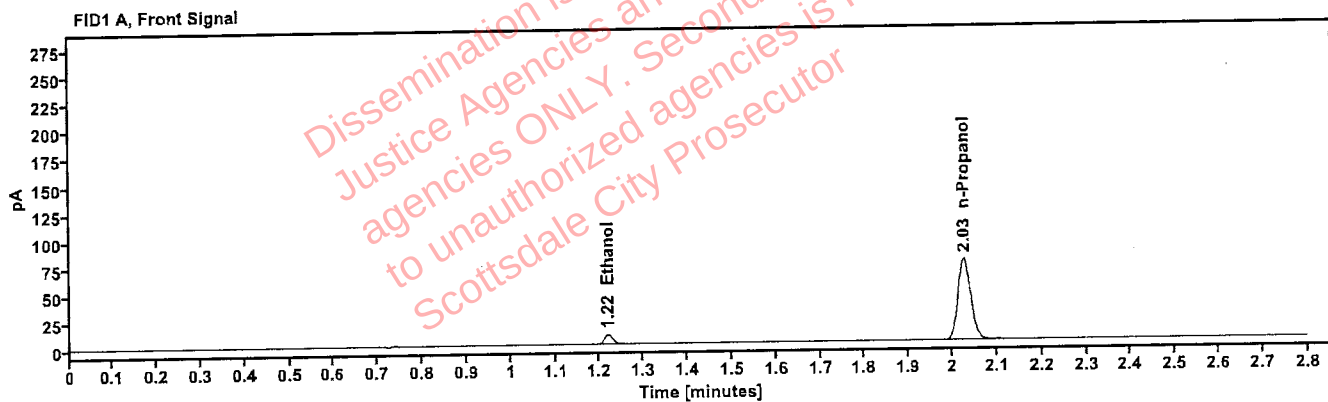


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	11.140
n-Propanol	2.027	149.836

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

Compound	Time (min)	Peak Area
Ethanol	1.365	12.234
n-Propanol	2.450	163.079

Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample:	0.100 FN03072301	Vial:	2
Description:	0.100 calibrator	Sequence:	16Jul25
Method:	ethanol quant.M	Injection date:	7/16/2025 6:38:28 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\16Jul25\2.D		

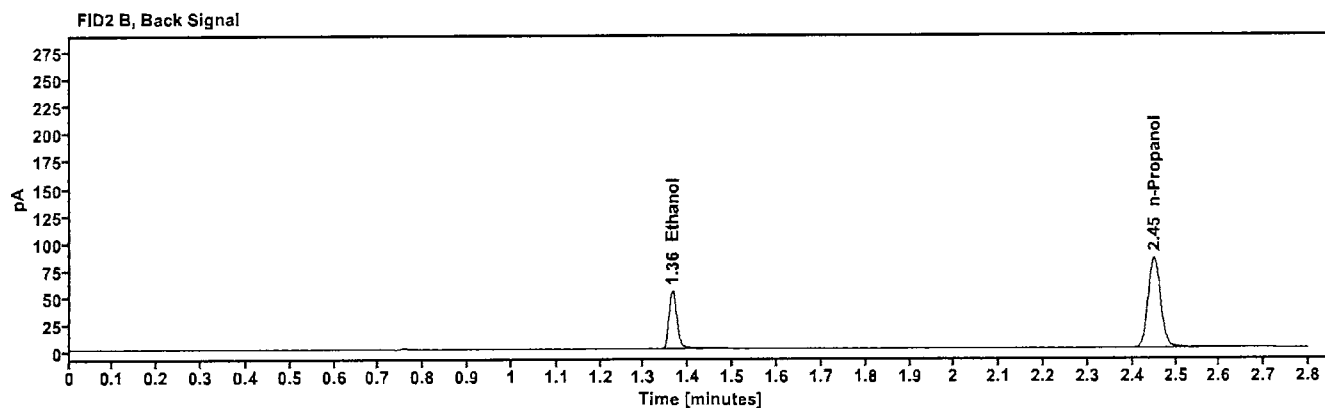
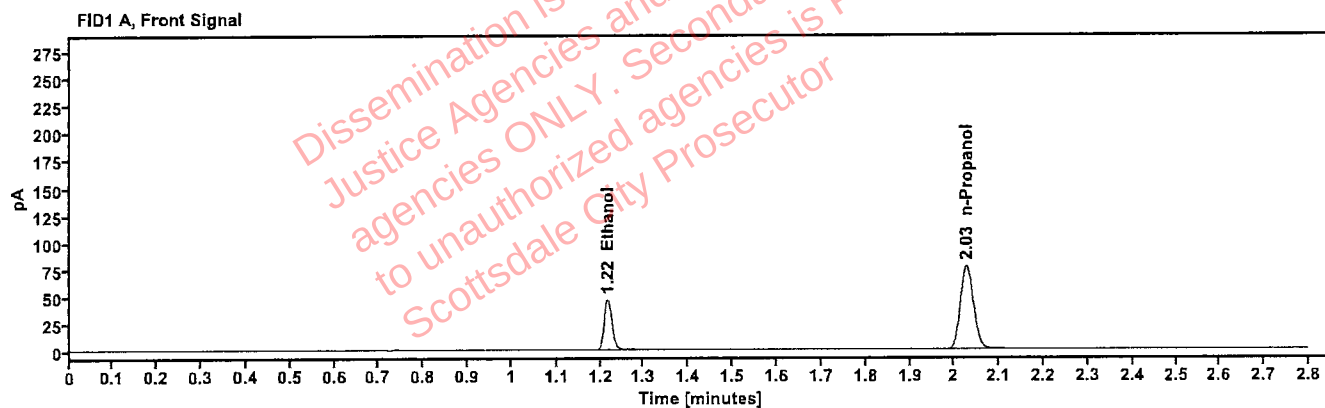


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.217	58.540
n-Propanol	2.027	152.916

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

Compound	Time (min)	Peak Area
Ethanol	1.364	64.073
n-Propanol	2.450	165.987

Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample:	0.200 FN03132302	Vial:	3
Description:	0.200 calibrator	Sequence:	16Jul25
Method:	ethanol quant.M	Injection date:	7/16/2025 6:42:28 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\16Jul25\3.D		

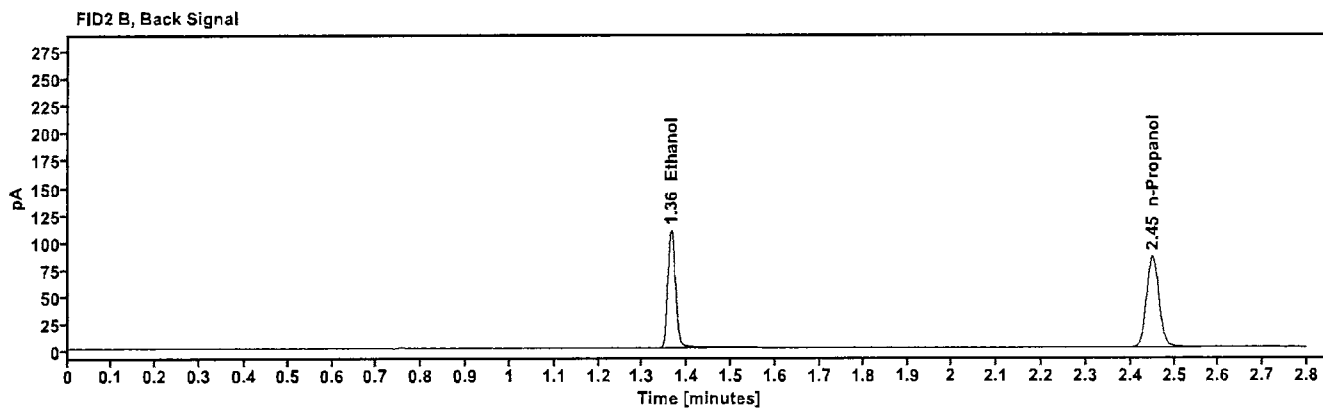
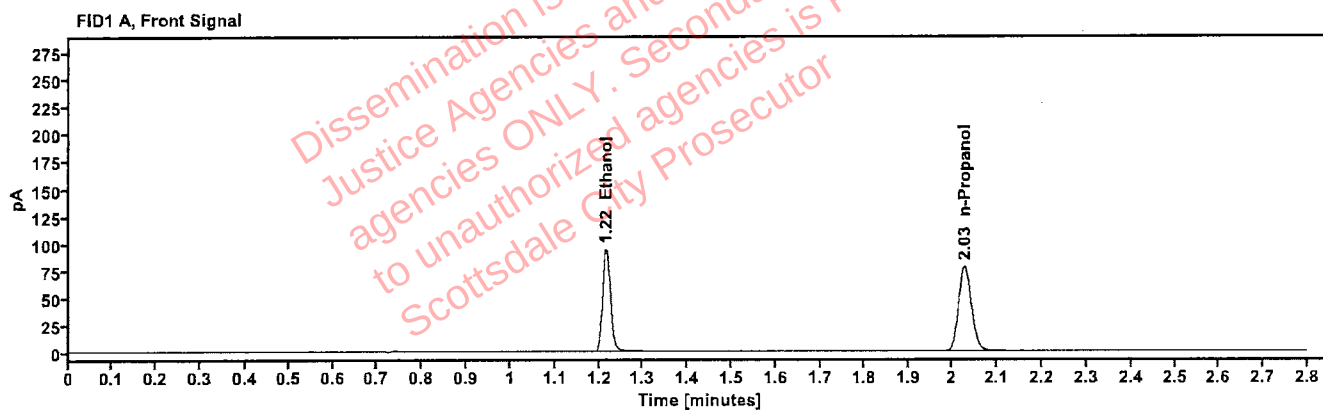


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.216	119.028
n-Propanol	2.027	155.092

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

Compound	Time (min)	Peak Area
Ethanol	1.364	130.498
n-Propanol	2.450	168.378

Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	16Jul25
Method:	ethanol quant.M	Injection date:	7/16/2025 6:46:27 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\16Jul25\4.D		

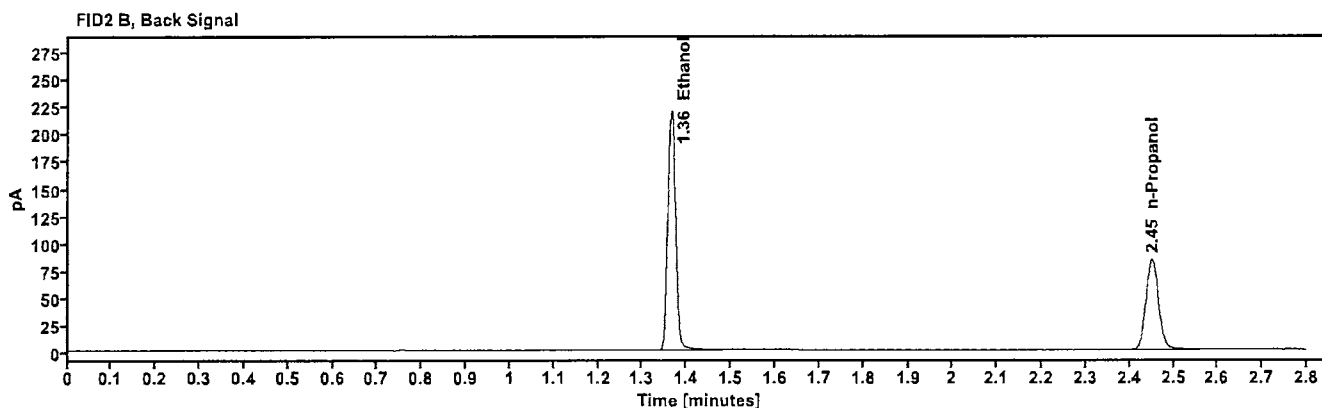
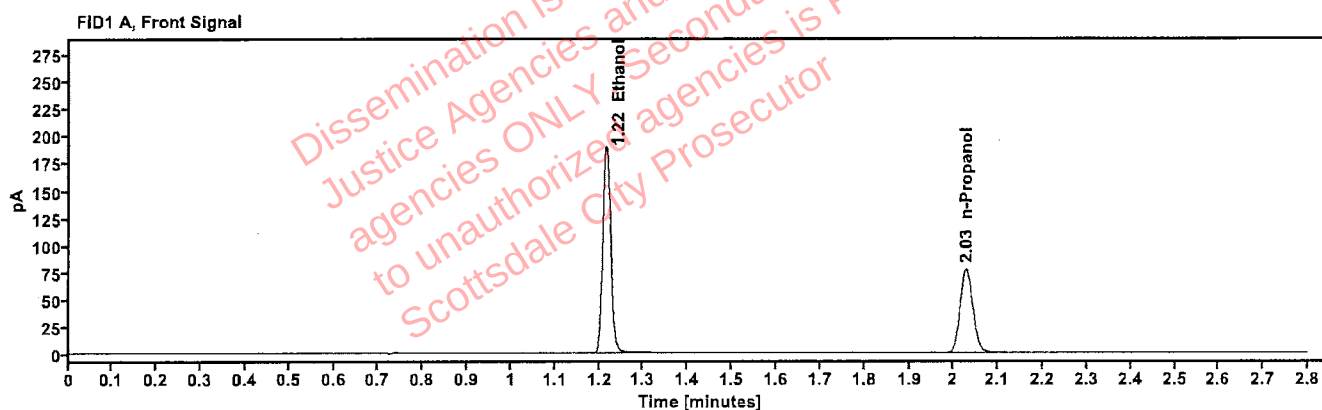


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.216	240.474
n-Propanol	2.028	153.950

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

Compound	Time (min)	Peak Area
Ethanol	1.365	264.939
n-Propanol	2.451	166.759

Scottsdale Police Department Crime Lab Volatiles Analysis

108

Sample:	111224WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 6:50:27 PM
Data file:	C:\Chem32\1\Data\16Jul25\5.D	Analyst:	Brooke

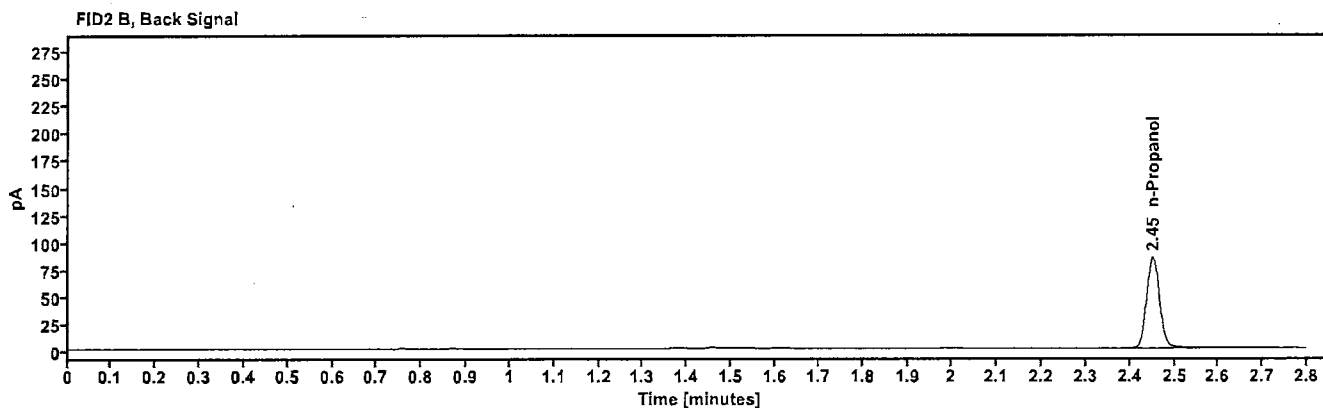
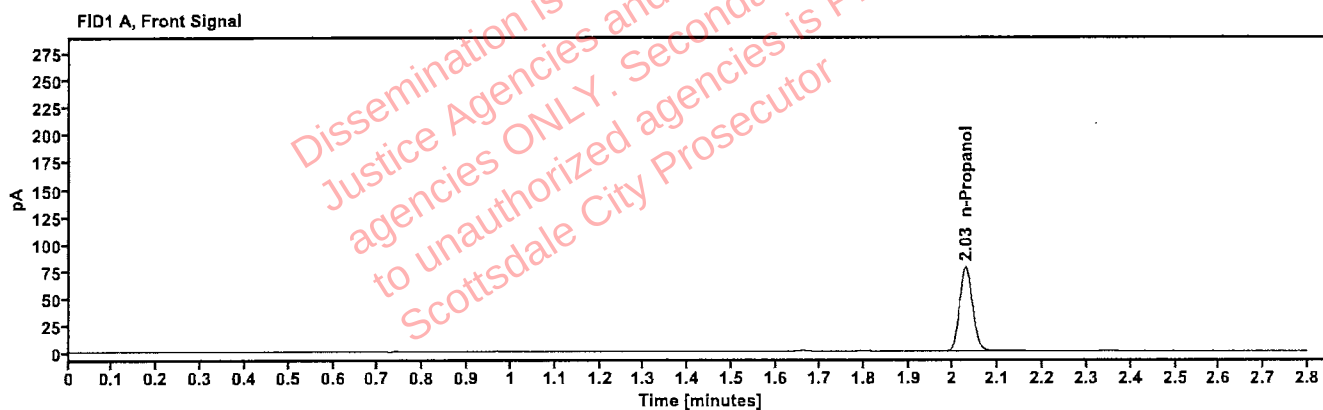


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.028	154.658

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

Compound	Time (min)	Peak Area
n-Propanol	2.451	167.972

Scottsdale Police Department Crime Lab Volatiles Analysis

JPB

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 6:54:28 PM
Data file:	C:\Chem32\1\Data\16Jul25\6.D	Analyst:	Brooke

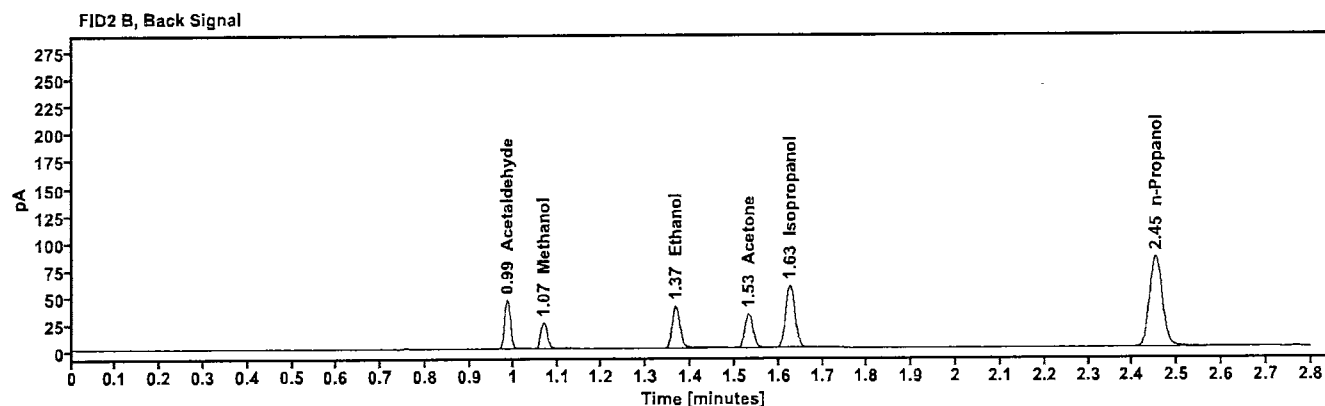
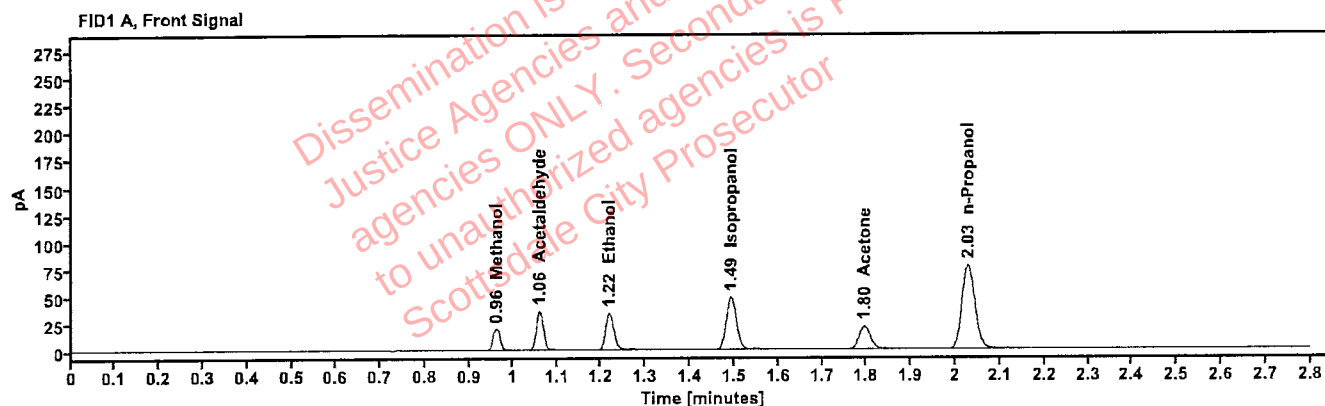


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.962	22.413
Acetaldehyde	-----	1.061	39.082
>Ethanol	0.0736	1.218	43.119
Isopropanol	-----	1.493	77.268
Acetone	-----	1.795	36.849
n-Propanol	-----	2.028	154.101

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	43.841
Methanol	1.069	25.002
Ethanol	1.366	47.469
Acetone	1.531	40.799
Isopropanol	1.626	85.168
n-Propanol	2.451	166.804

Scottsdale Police Department Crime Lab Volatiles Analysis

JPB

Sample:	12052023-B	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 6:58:43 PM
Data file:	C:\Chem32\1\Data\16Jul25\7.D	Analyst:	Brooke

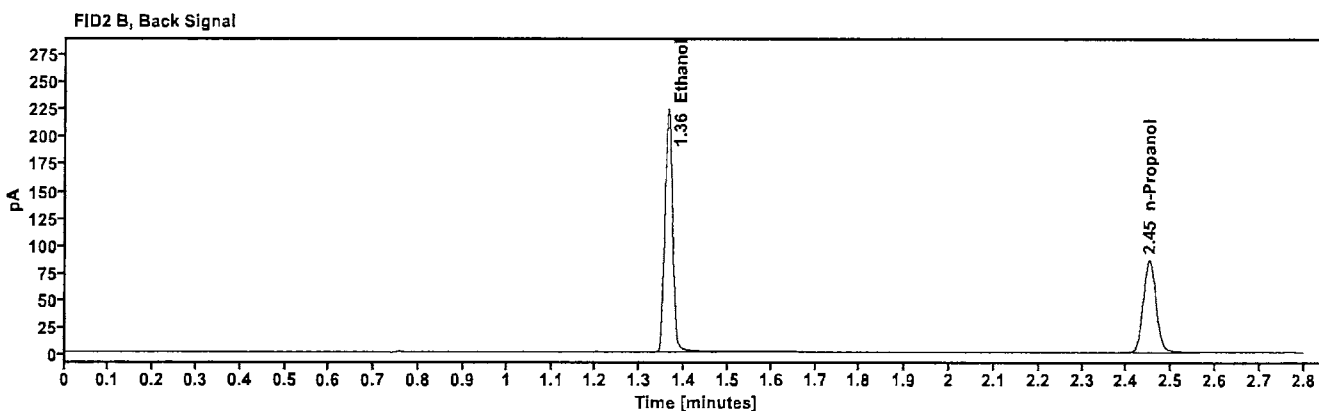
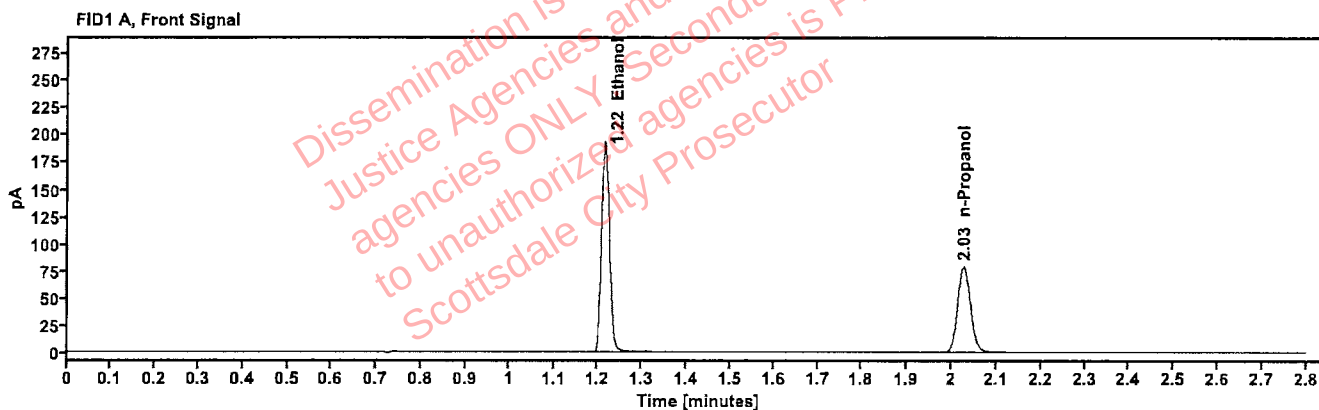


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3983	1.215	245.046
n-Propanol	-----	2.027	157.940

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

Compound	Time (min)	Peak Area
Ethanol	1.363	270.077
n-Propanol	2.450	171.119

Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample:	518018	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 7:02:42 PM
Data file:	C:\Chem32\1\Data\16Jul25\8.D	Analyst:	Brooke

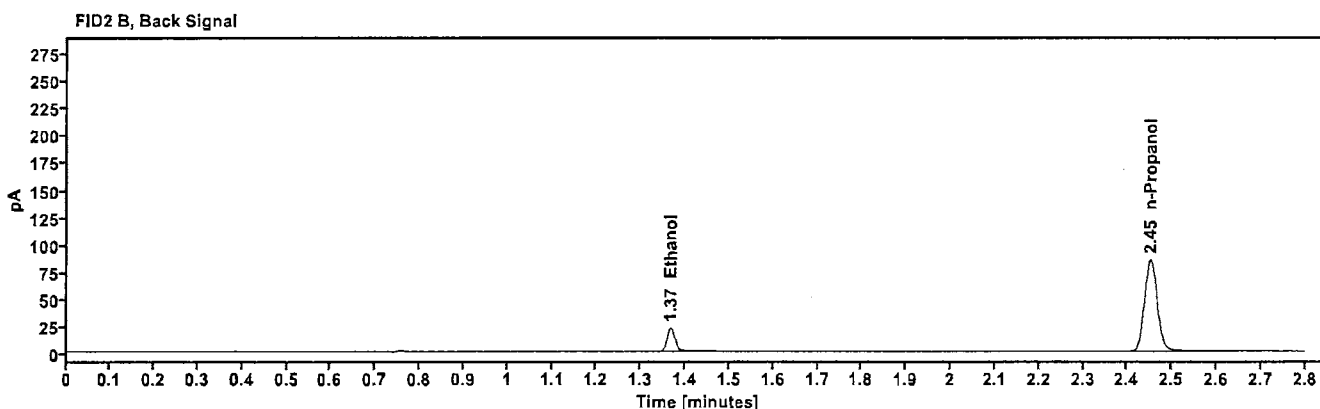
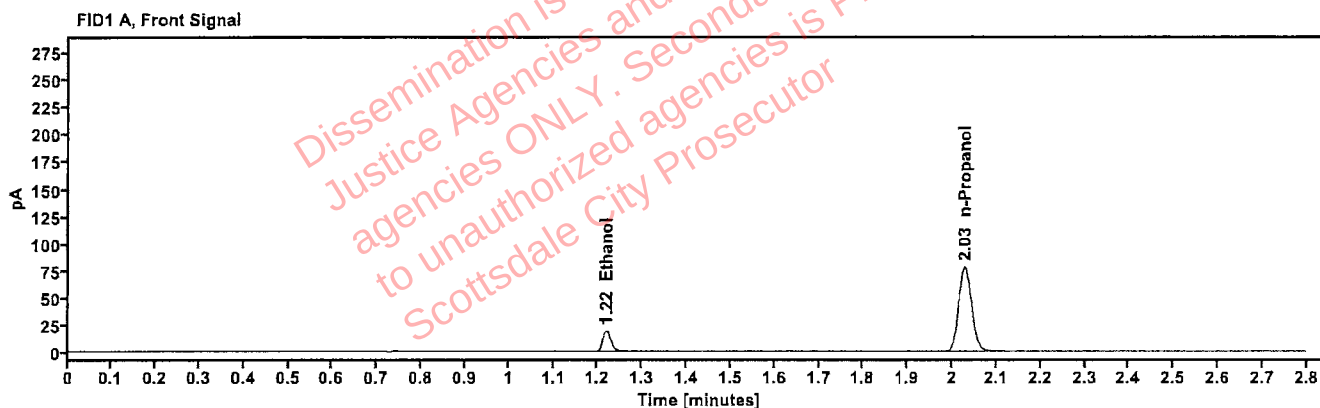


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0421	1.218	24.419
n-Propanol	-----	2.028	156.111

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

Compound	Time (min)	Peak Area
Ethanol	1.367	26.644
n-Propanol	2.451	169.071

Scottsdale Police Department Crime Lab Volatiles Analysis

7B

Sample:	4130622206/10	Vial:	9
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 7:06:43 PM
Data file:	C:\Chem321\Data\16Jul25\9.D	Analyst:	Brooke

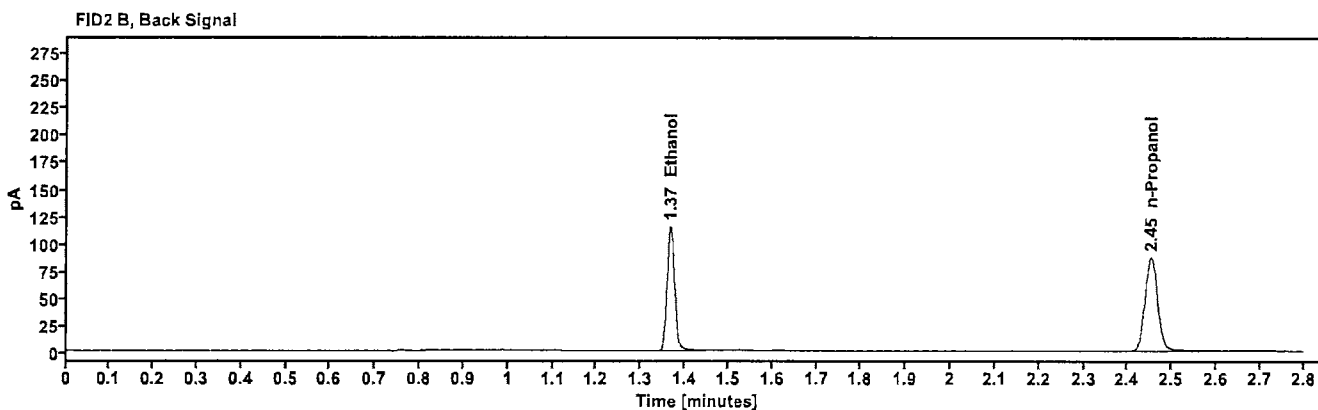
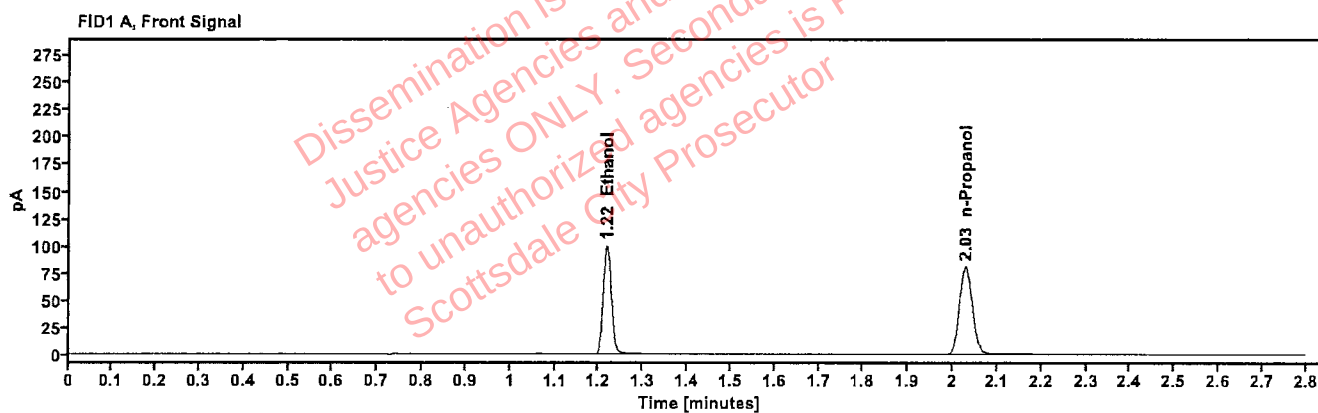


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2030	1.217	126.544
n-Propanol	-----	2.028	160.819

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

Compound	Time (min)	Peak Area
Ethanol	1.366	138.477
n-Propanol	2.452	174.386

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	517758	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 7:51:13 PM
Data file:	C:\Chem32\1\Data\16Jul25\20.D	Analyst:	Brooke

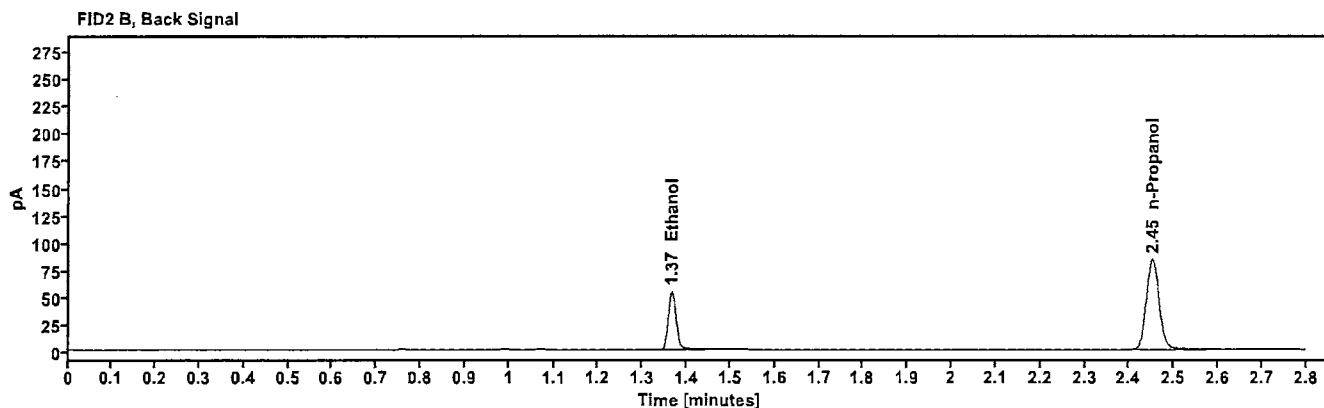
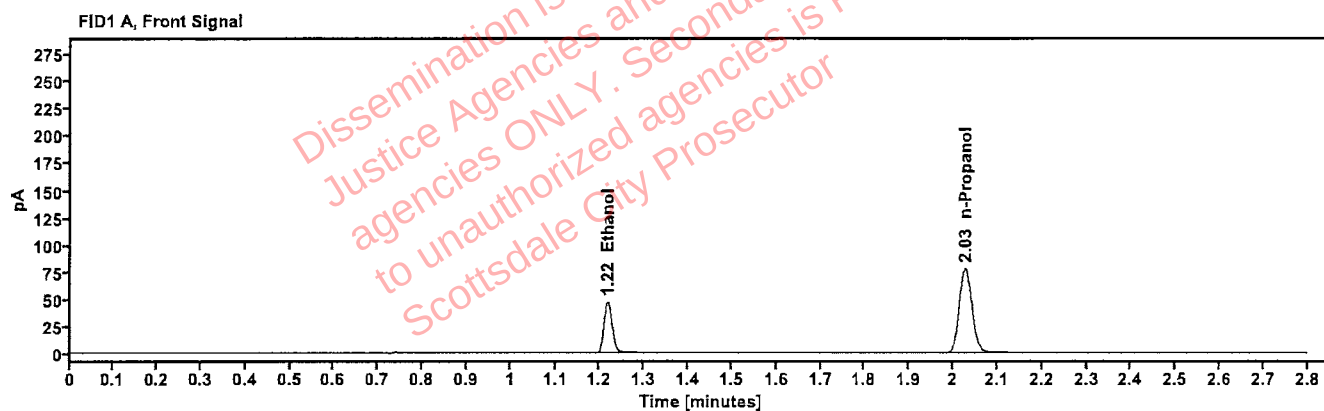


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1007	1.217	60.000
n-Propanol	—	2.028	155.418

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

Compound	Time (min)	Peak Area
Ethanol	1.365	65.410
n-Propanol	2.451	168.189

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	517758	Vial:	31
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 8:35:43 PM
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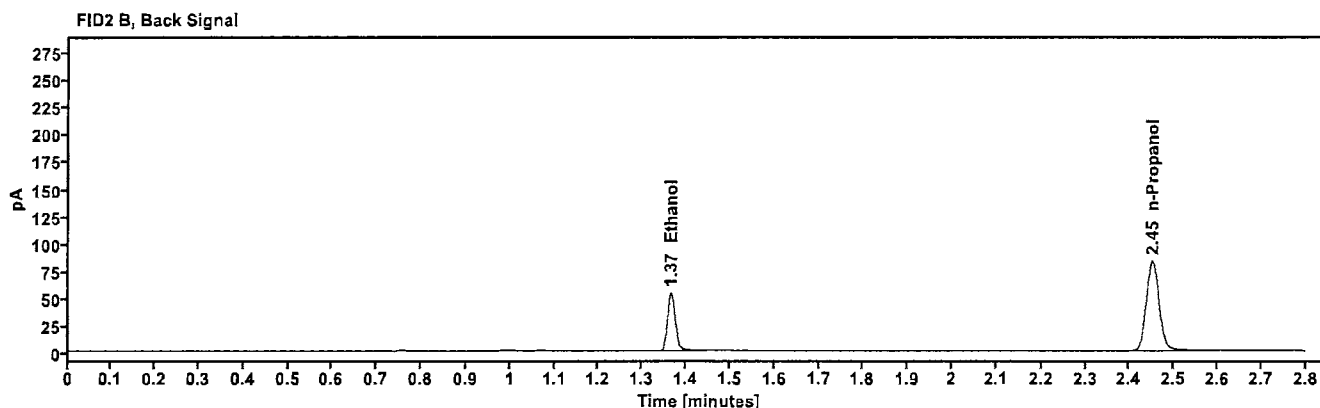
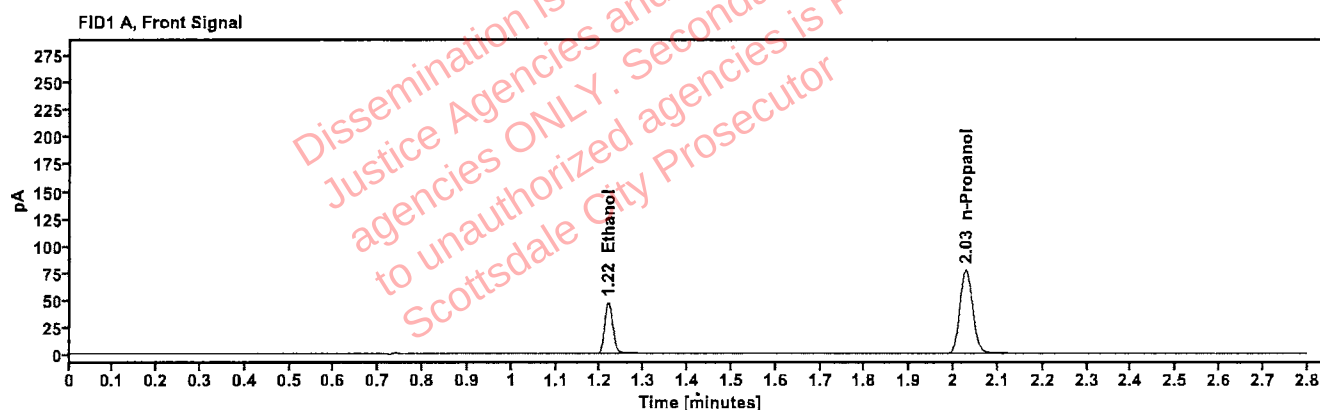


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1009	1.217	59.795
n-Propanol	-----	2.028	154.579

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

Compound	Time (min)	Peak Area
Ethanol	1.365	65.327
n-Propanol	2.451	167.124

Scottsdale Police Department Crime Lab Volatiles Analysis

28

Sample:	517758	Vial:	42
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 9:19:58 PM
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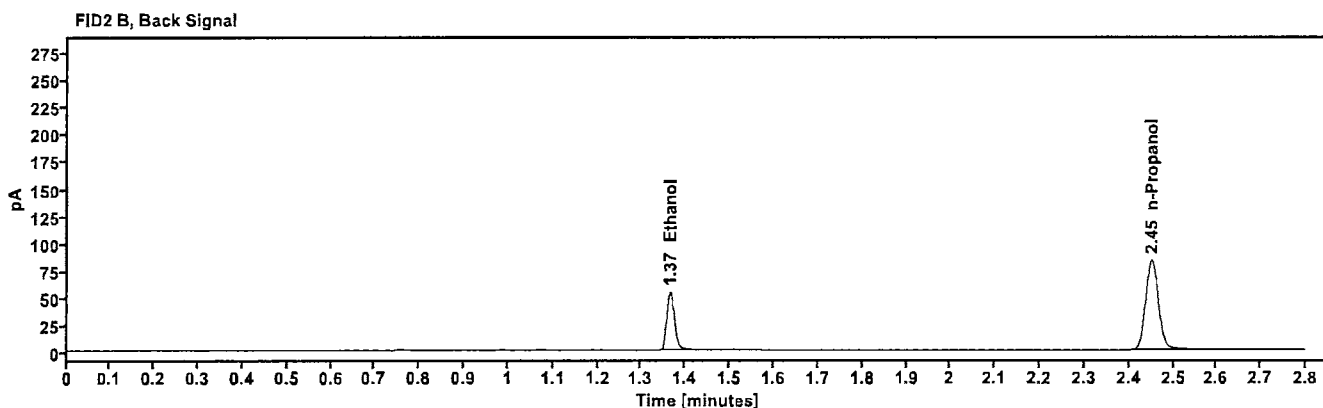
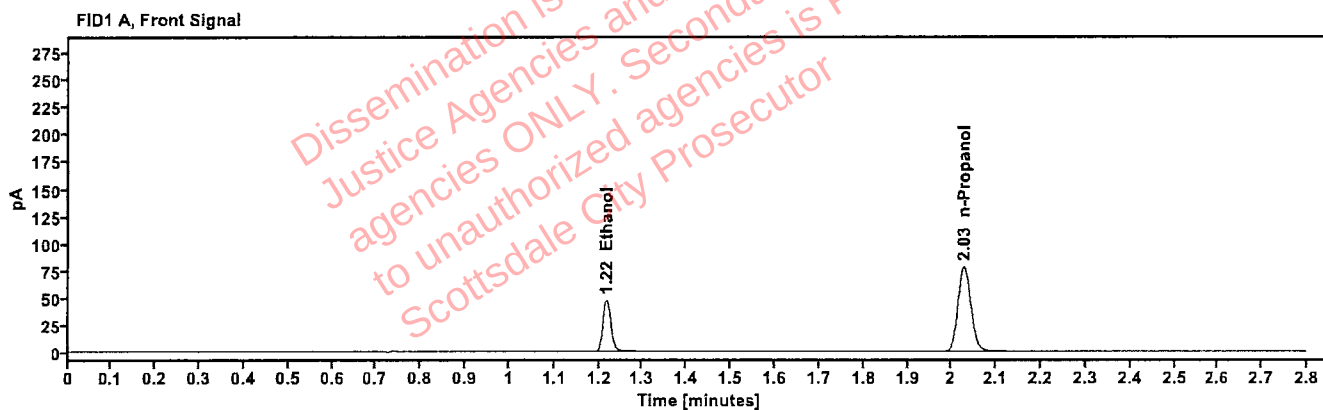


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1009	1.217	60.101
n-Propanol	-----	2.028	155.340

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

Compound	Time (min)	Peak Area
Ethanol	1.366	65.341
n-Propanol	2.451	167.738

Scottsdale Police Department Crime Lab Volatiles Analysis

JP

Sample:	517758	Vial:	53
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 10:04:27 PM
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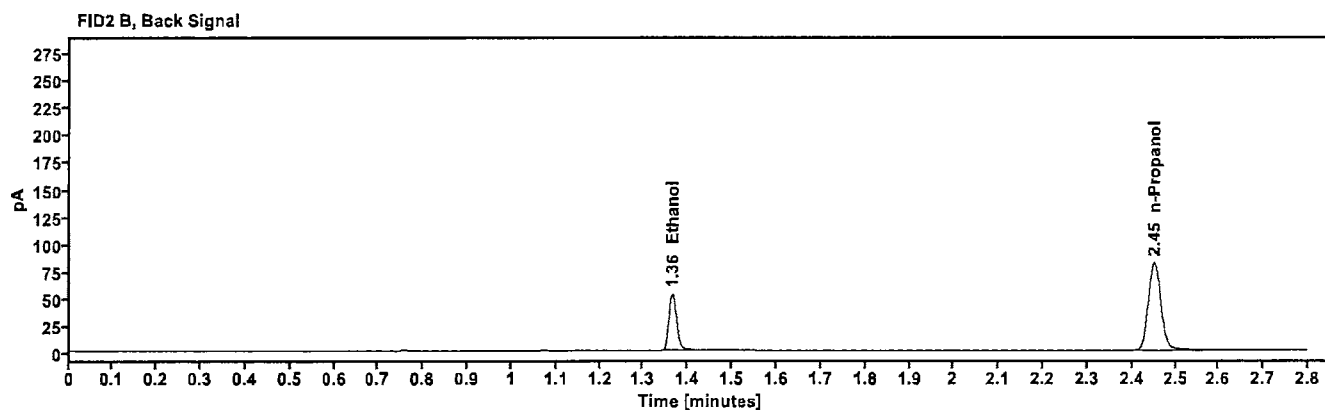
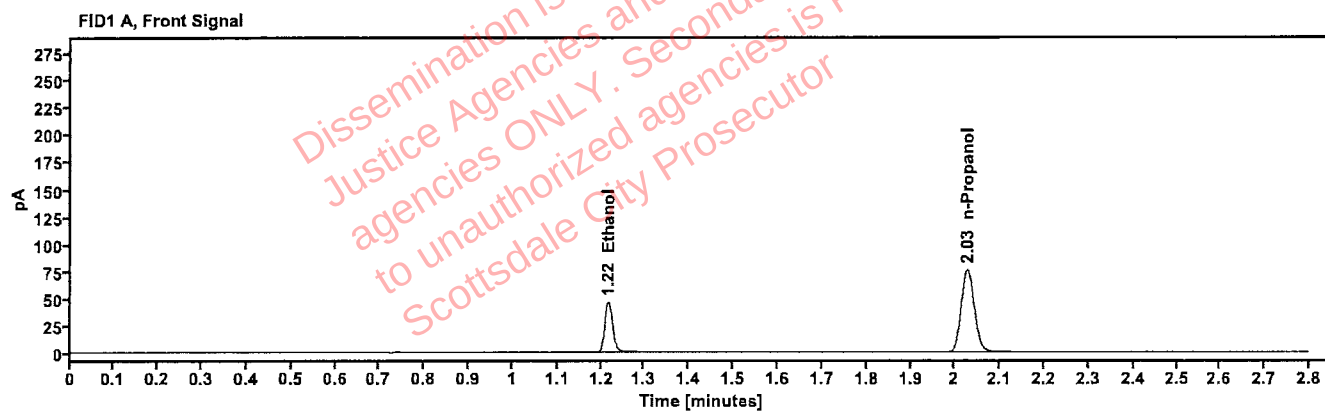


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1009	1.217	58.812
n-Propanol	-----	2.028	152.084

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

Compound	Time (min)	Peak Area
Ethanol	1.365	64.088
n-Propanol	2.451	164.204

Scottsdale Police Department Crime Lab Volatiles Analysis

23

Sample:	12052023-B	Vial:	64
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 10:48:57 PM
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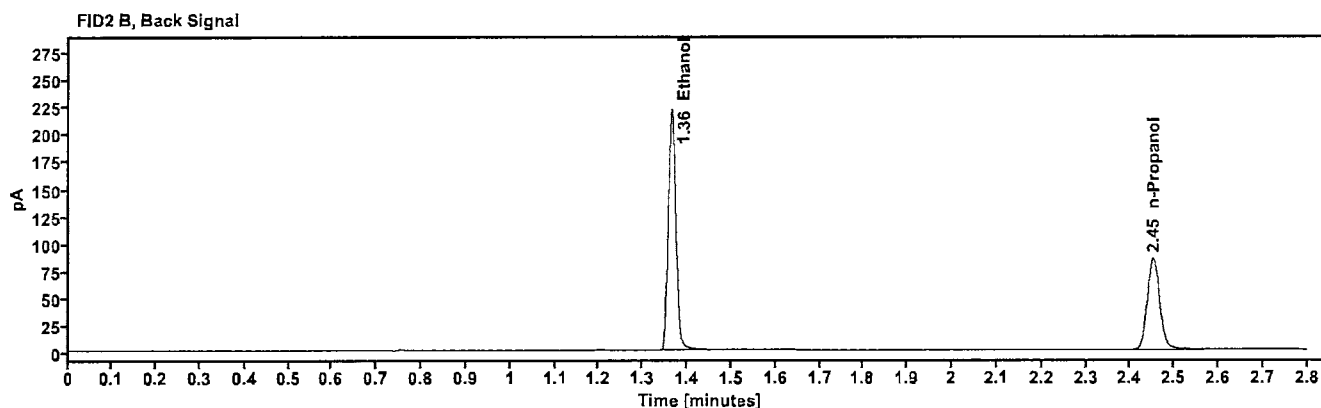
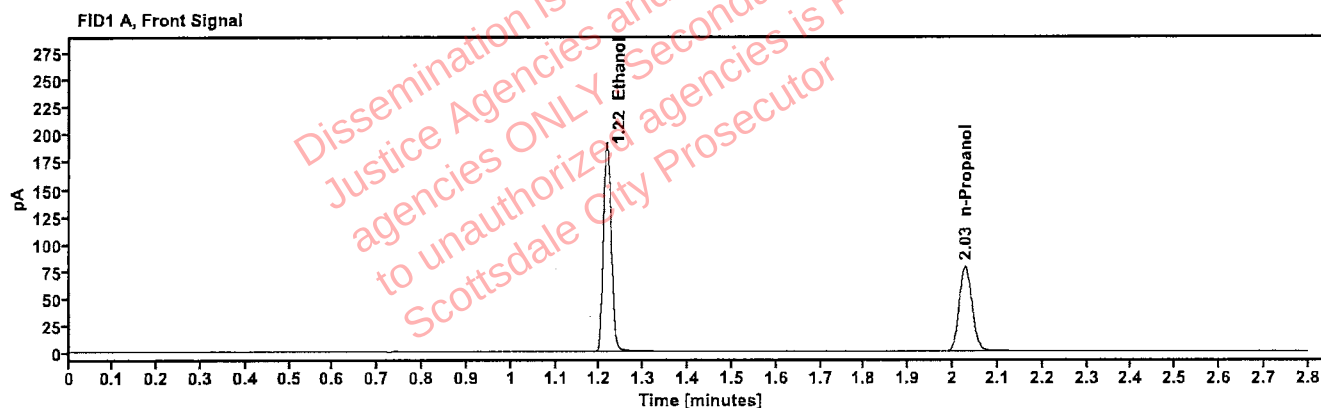


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3996	1.216	243.770
n-Propanol	-----	2.028	156.578

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

Compound	Time (min)	Peak Area
Ethanol	1.365	268.221
n-Propanol	2.451	168.947

Scottsdale Police Department Crime Lab Volatiles Analysis



Sample:	518018	Vial:	65
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 10:52:58 PM
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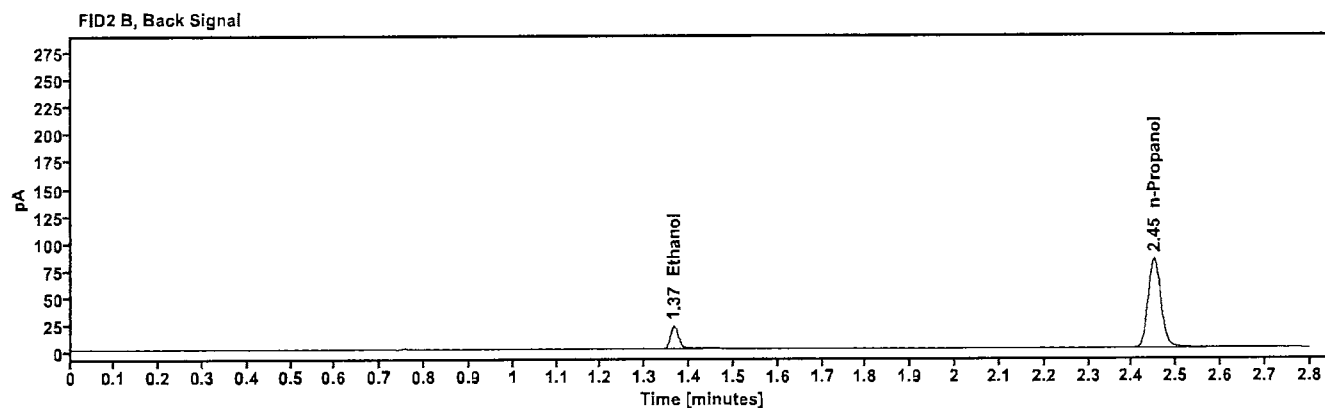
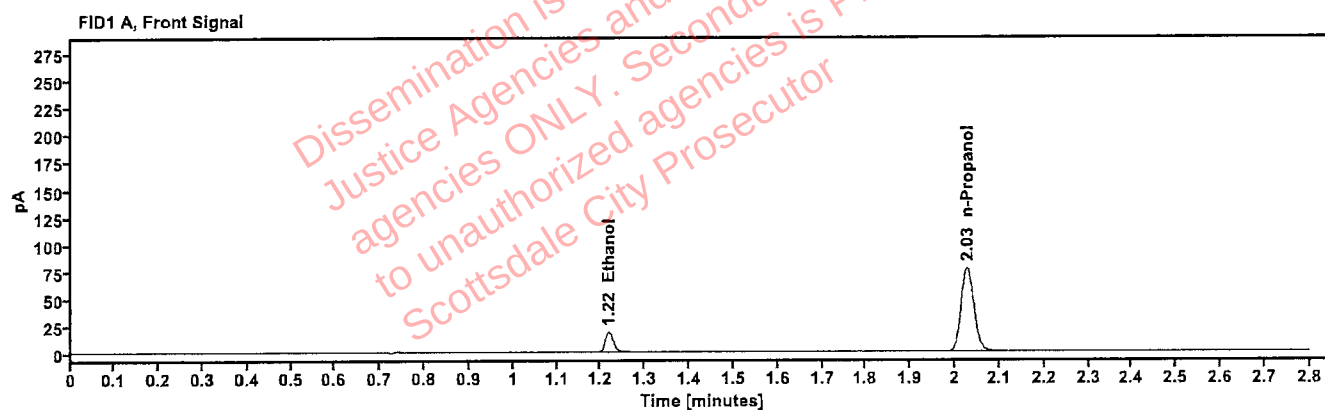


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0413	1.218	23.706
n-Propanol	-----	2.027	154.357

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

Compound	Time (min)	Peak Area
Ethanol	1.365	25.805
n-Propanol	2.450	166.658

Scottsdale Police Department Crime Lab Volatiles Analysis

WAS

Sample:	4130622206/10	Vial:	66
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 10:56:58 PM
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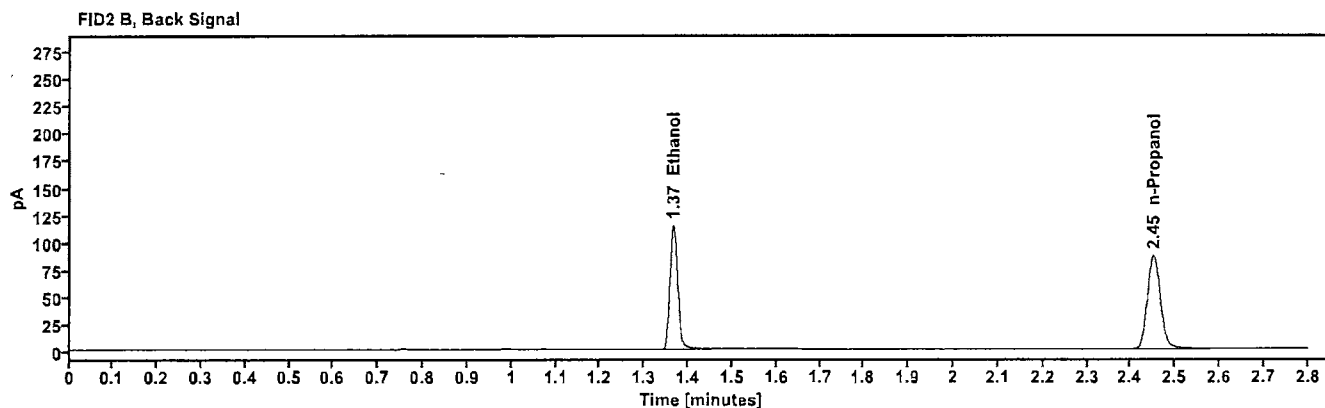
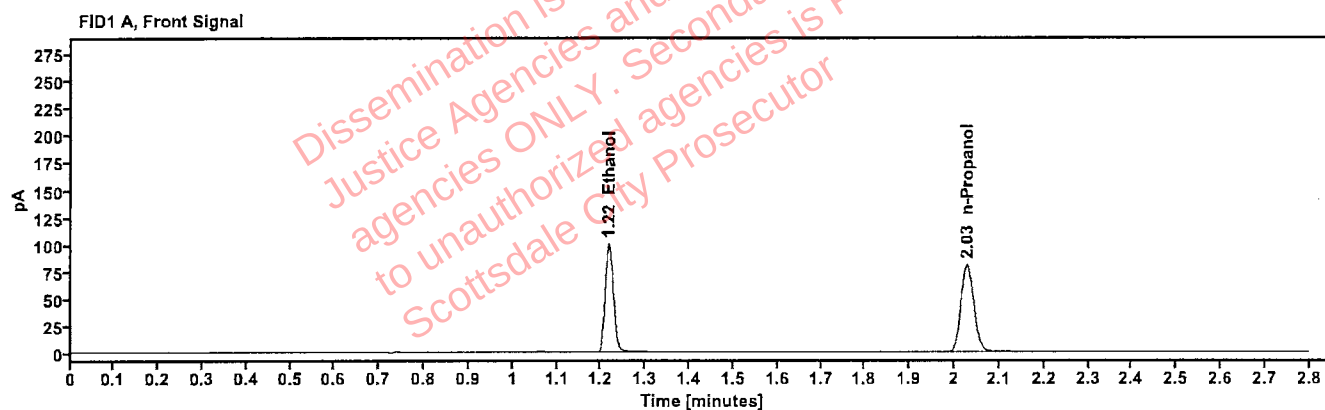


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2036	1.217	126.707
n-Propanol	----	2.028	160.587

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

Compound	Time (min)	Peak Area
Ethanol	1.366	138.564
n-Propanol	2.452	173.654

Scottsdale Police Department Crime Lab Volatiles Analysis

78

Sample:	060925AQ	Vial:	67
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 11:01:13 PM
Data file:	C:\Chem32\1\Data\16Jul25\67.D	Analyst:	Brooke

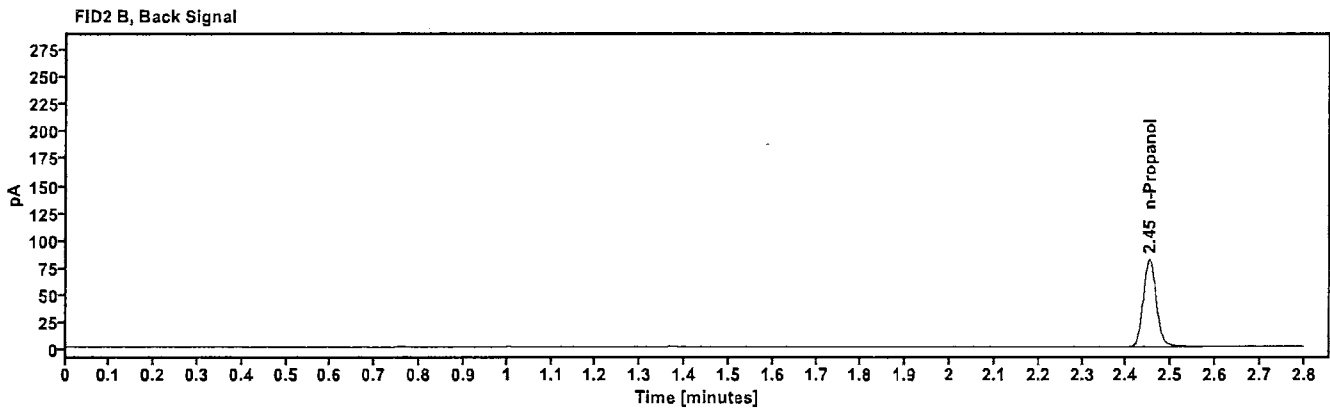
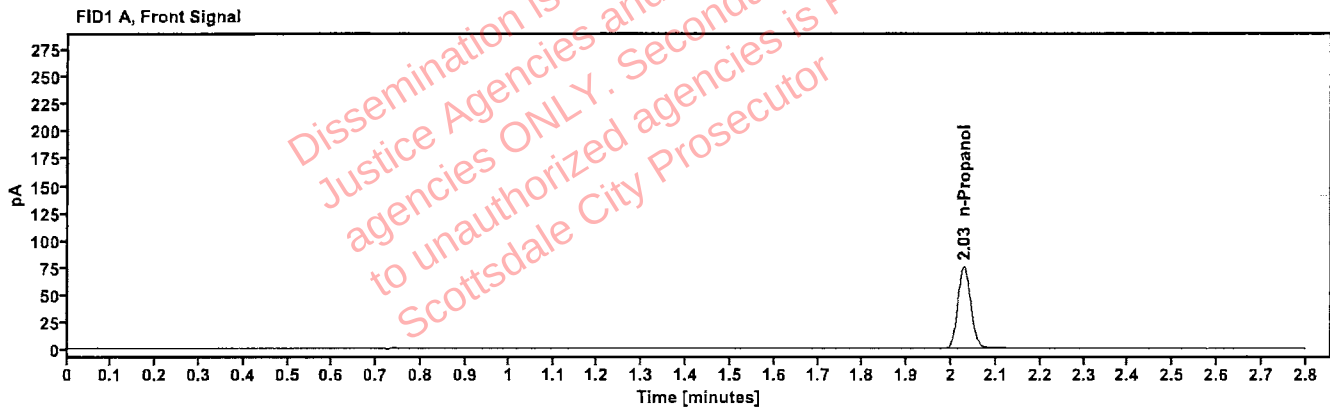


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.028	150.537

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

Compound	Time (min)	Peak Area
n-Propanol	2.451	162.565

Sequence Summary

Page 1 of 2

13

Sequence name: 16Jul25 Instrument: US14173023 CN14160045 Analyst: Brooke

Vial	Sample	Description	Type	LIMS ID	Method
1	0.020 FN03122113	0.020 calibrator	Calibration		ethanol quant.M
2	0.100 FN03072301	0.100 calibrator	Calibration		ethanol quant.M
3	0.200 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	2509211-4				ethanol quant.M
11	2509211-4				ethanol quant.M
12	2510409-2				ethanol quant.M
13	2510409-2				ethanol quant.M
14	2513188-2				ethanol quant.M
15	2513188-2				ethanol quant.M
16	2513374-2				ethanol quant.M
17	2513374-2				ethanol quant.M
18	2513558-2				ethanol quant.M
19	2513558-2				ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	2512138-2				ethanol quant.M
22	2512138-2				ethanol quant.M
23	2511960-3				ethanol quant.M
24	2511960-3				ethanol quant.M
25	2513498-2				ethanol quant.M
26	2513498-2				ethanol quant.M
27	2513380-1				ethanol quant.M
28	2513380-1				ethanol quant.M
29	2513426-1				ethanol quant.M
30	2513426-1				ethanol quant.M
31	517758	0.100	Control		ethanol quant.M
32	2513561-1				ethanol quant.M
33	2513561-1				ethanol quant.M
34	2513109-2				ethanol quant.M
35	2513109-2				ethanol quant.M
36	2513511-2				ethanol quant.M
37	2513511-2				ethanol quant.M
38	2513427-1				ethanol quant.M
39	2513427-1				ethanol quant.M
40	2513514-1				ethanol quant.M
41	2513514-1				ethanol quant.M
42	517758	0.100	Control		ethanol quant.M
43	2513440-2				ethanol quant.M
44	2513440-2				ethanol quant.M
45	2513590-2				ethanol quant.M

Sequence Summary

Page 2 of 2

46	2513590-2				ethanol quant.M
47	2513613-1				ethanol quant.M
48	2513613-1				ethanol quant.M
49	2513166-2				ethanol quant.M
50	2513166-2				ethanol quant.M
51	2513477-1				ethanol quant.M
52	2513477-1				ethanol quant.M
53	517758	0.100	Control		ethanol quant.M
54	433-01M.B.				ethanol quant.M
55	433-01M.B.				ethanol quant.M
56	394-01R.V.				ethanol quant.M
57	394-01R.V.				ethanol quant.M
58	436-01J.G.				ethanol quant.M
59	436-01J.G.				ethanol quant.M
60	2509685-2				ethanol quant.M
61	2509685-2				ethanol quant.M
62	2513889-2				ethanol quant.M
63	2513889-2				ethanol quant.M
64	12052023-B	0.400	Control		ethanol quant.M
65	518018	0.040	Control		ethanol quant.M
66	4130622206/10	0.203	Control		ethanol quant.M
67	060925AQ	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory

Summary of Cases

7/13

SEQUENCE NAME: 16Jul25

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1016	0.1008	0.10120	0.40	0.00040
12 13	0.0991	0.0994	0.09925	0.15	0.00015
14 15	0.2415	0.2414	0.24145	0.02	0.00005
16 17	0.2729	0.2673	0.27010	1.04	0.00280
18 19	0.2209	0.2260	0.22345	1.14	0.00255
21 22	0.1079	0.1093	0.10860	0.64	0.00070
23 24	0.0227	0.0228	0.02275	0.22	0.00005
25 26	0.0722	0.0731	0.07265	0.62	0.00045
27 28	0.1467	0.1472	0.14695	0.17	0.00025
29 30	0.2349	0.2358	0.23535	0.19	0.00045
32 33	0.2736	0.2731	0.27335	0.09	0.00025
34 35	0.0457	0.0453	0.04550	0.44	0.00020
36 37	0.3204	0.3189	0.31965	0.23	0.00075
38 39	0.0965	0.0973	0.09690	0.41	0.00040
40 41	0.1181	0.1182	0.11815	0.04	0.00005
43 44	0.0991	0.0990	0.09905	0.05	0.00005
45 46	0.0000	0.0000	0.00000	0.00	0.00000
47 48	0.0846	0.0855	0.08505	0.53	0.00045
49 50	0.2866	0.2873	0.28695	0.12	0.00035
51 52	0.2029	0.2042	0.20355	0.32	0.00065
54 55	0.2383	0.2405	0.23940	0.46	0.00110
56 57	0.1435	0.1436	0.14355	0.03	0.00005
58 59	0.1238	0.1252	0.12450	0.56	0.00070
60 61	0.1859	0.1866	0.18625	0.19	0.00035
62 63	0.2075	0.2073	0.20740	0.05	0.00010

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509211-4	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 7:10:43 PM
Data file:	C:\Chem32\1\Data\16Jul25\10.D	Analyst:	Brooke

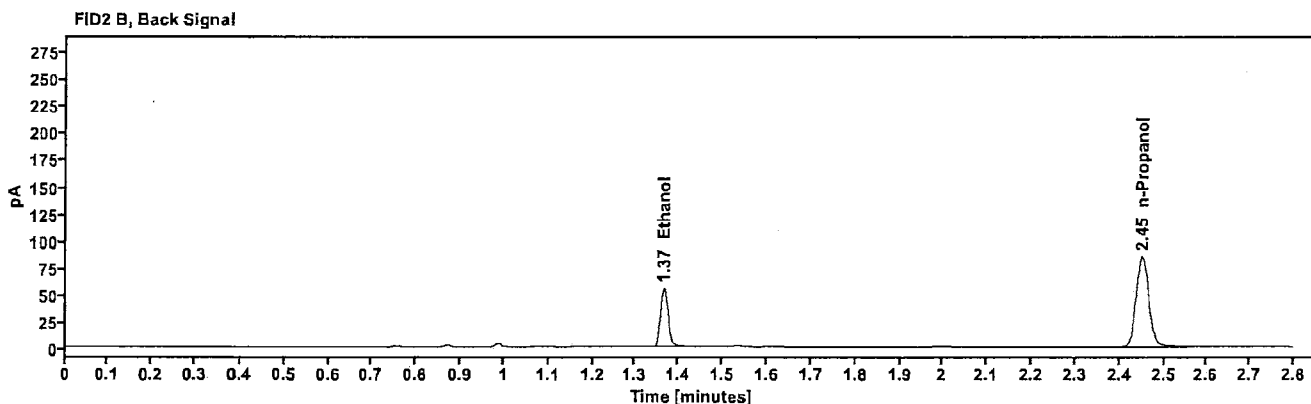
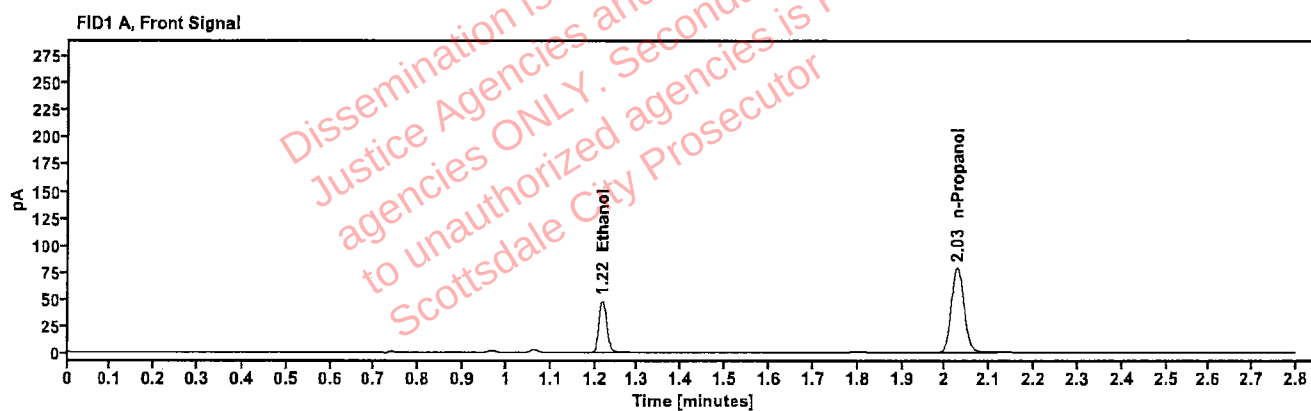


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1016	1.217	61.031
n-Propanol	---	2.028	156.625

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

Compound	Time (min)	Peak Area
Ethanol	1.366	66.398
n-Propanol	2.451	169.165

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509211-4	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 7:14:43 PM
Data file:	C:\Chem32\1\Data\16Jul25\11.D	Analyst:	Brooke

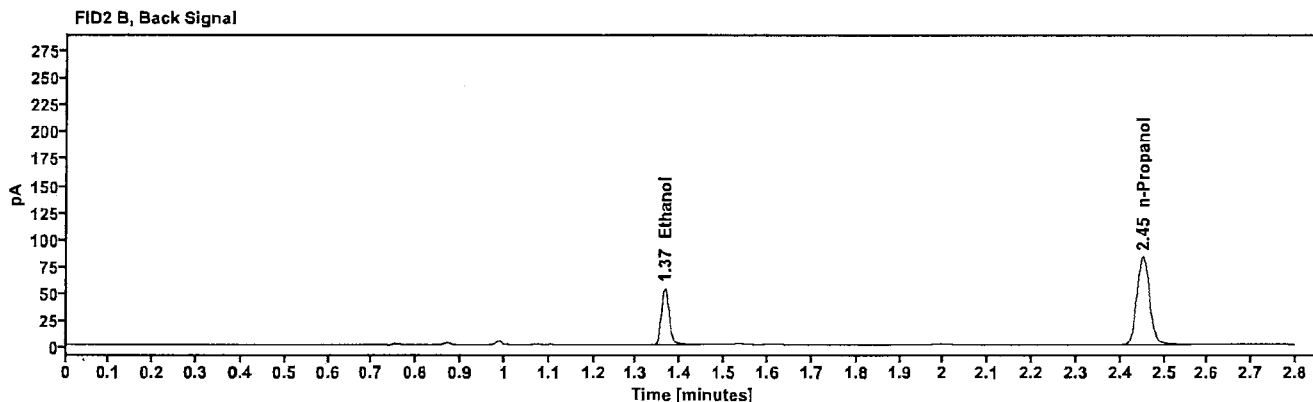
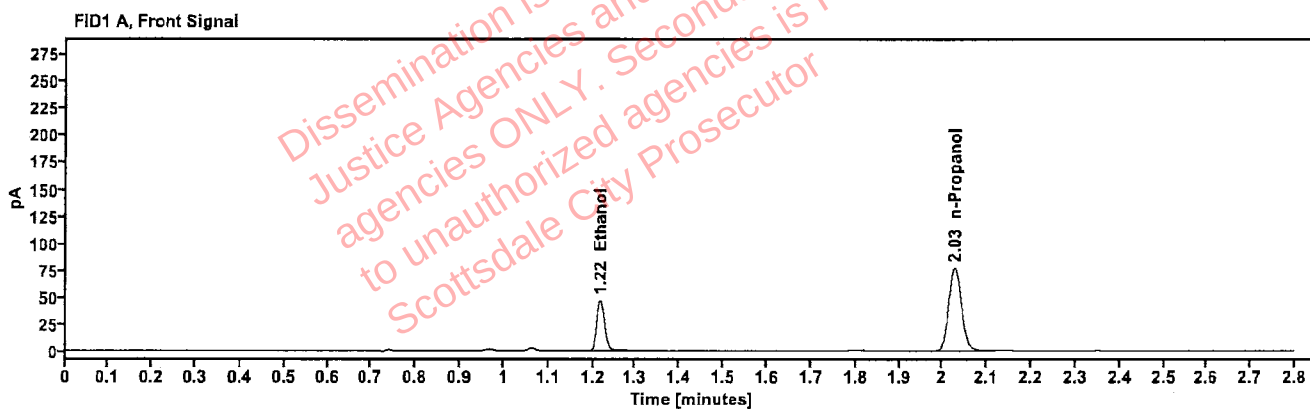


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1008	1.217	59.004
n-Propanol	-----	2.027	152.704

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

Compound	Time (min)	Peak Area
Ethanol	1.365	64.407
n-Propanol	2.450	165.096

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510409-2	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 7:18:43 PM
Data file:	C:\Chem32\1\Data\16Jul25\12.D	Analyst:	Brooke

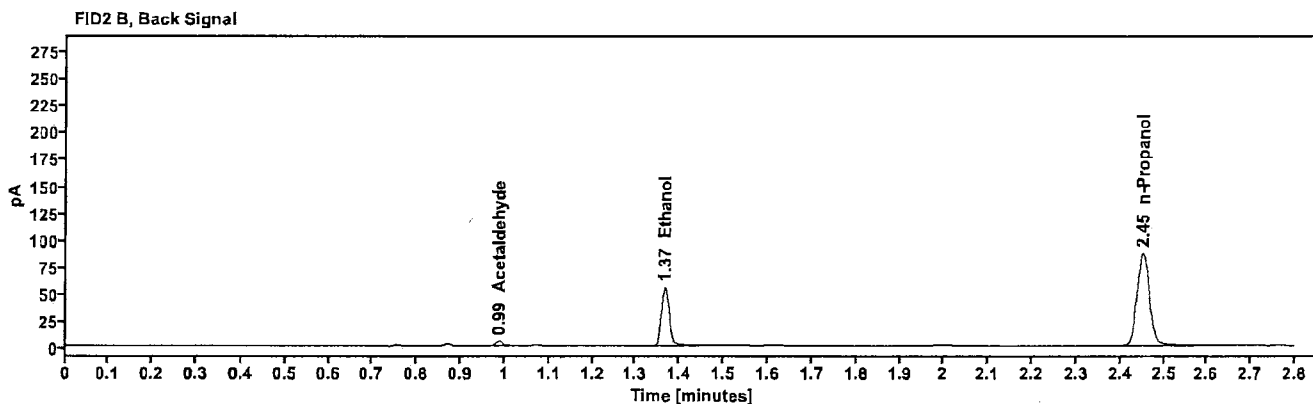
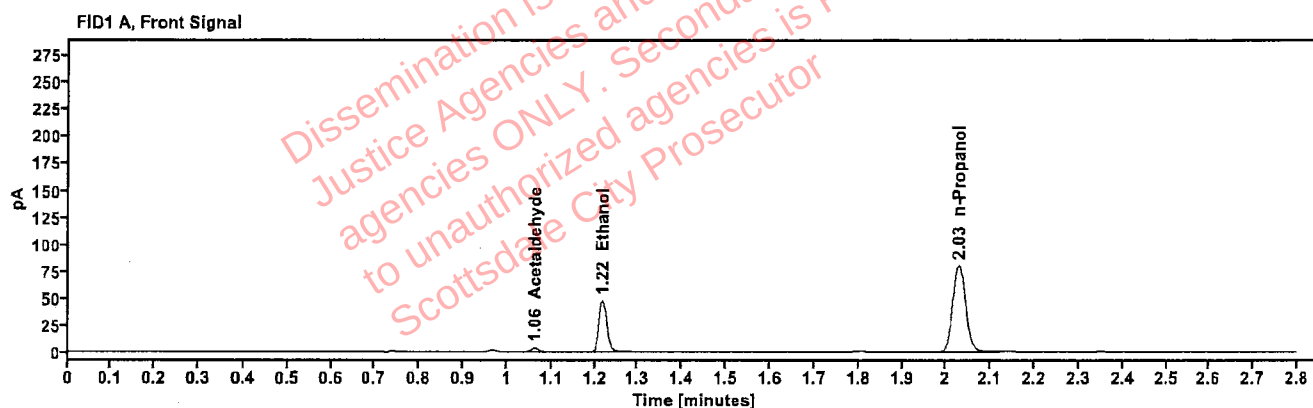


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.062	3.784
>Ethanol	0.0991	1.218	60.619
n-Propanol	—	2.028	159.650

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	4.287
Ethanol	1.366	66.132
n-Propanol	2.452	172.952

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510409-2	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 7:22:58 PM
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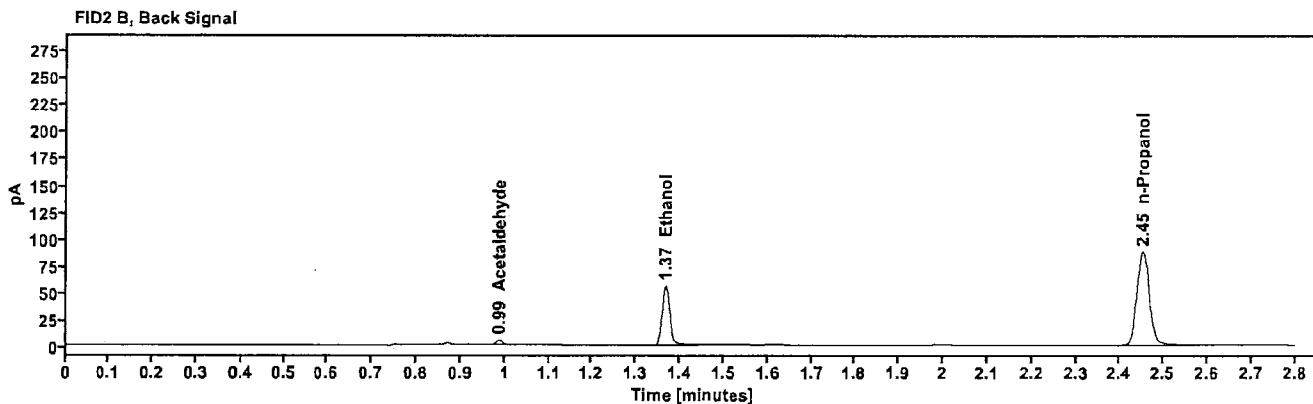
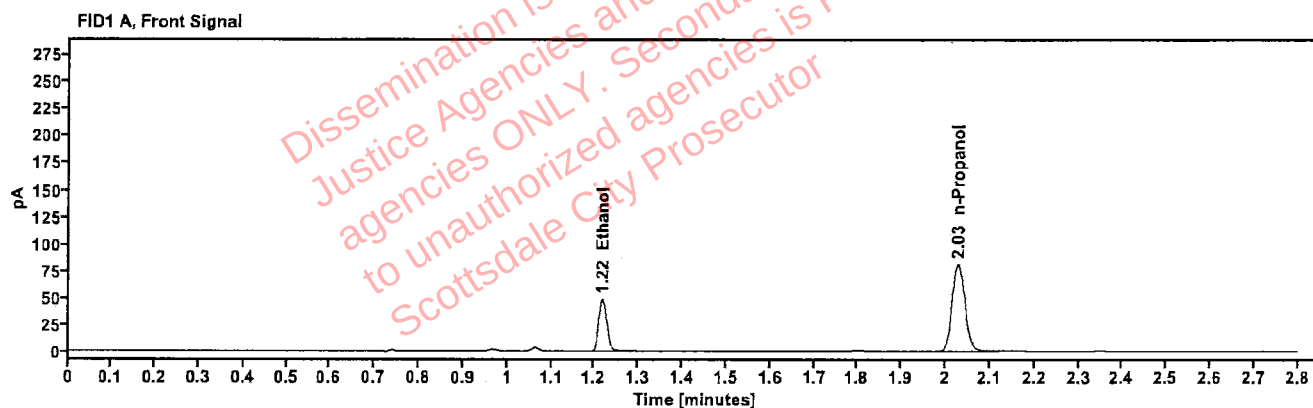


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0994	1.218	61.465
n-Propanol	—	2.028	161.259

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	4.265
Ethanol	1.366	67.122
n-Propanol	2.452	174.874

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513188-2	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 7:26:58 PM
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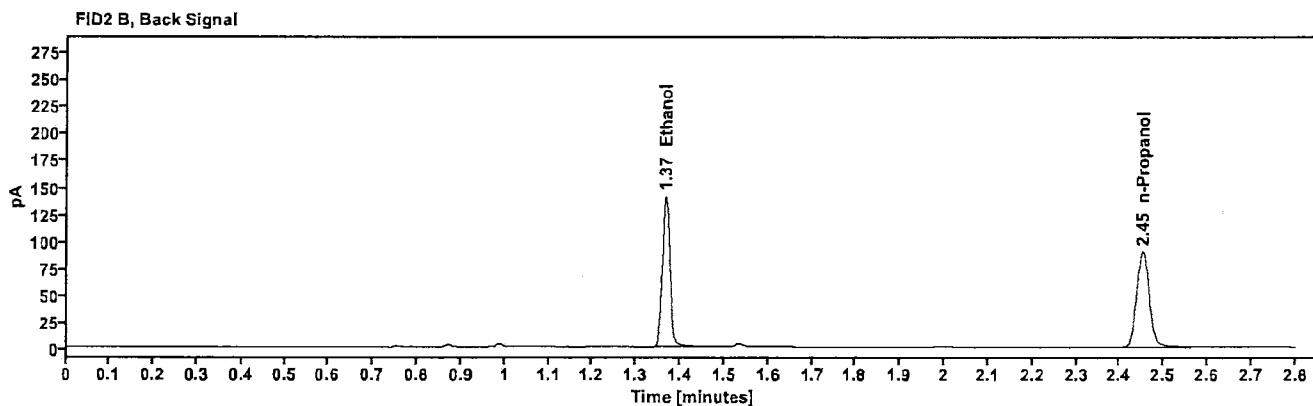
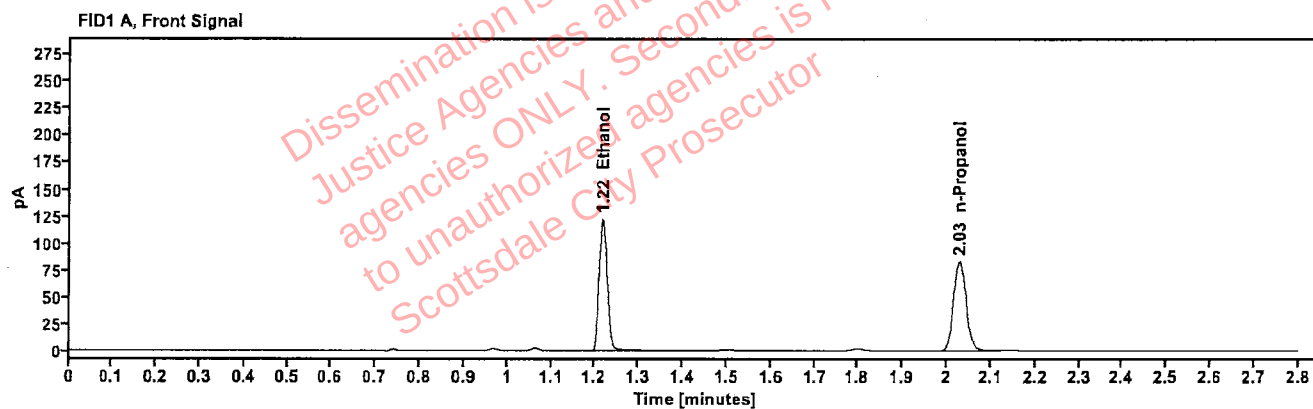


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2415	1.217	155.298
n-Propanol	—	2.029	165.620

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

Compound	Time (min)	Peak Area
Ethanol	1.366	170.304
n-Propanol	2.453	178.796

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513188-2	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 7:30:58 PM
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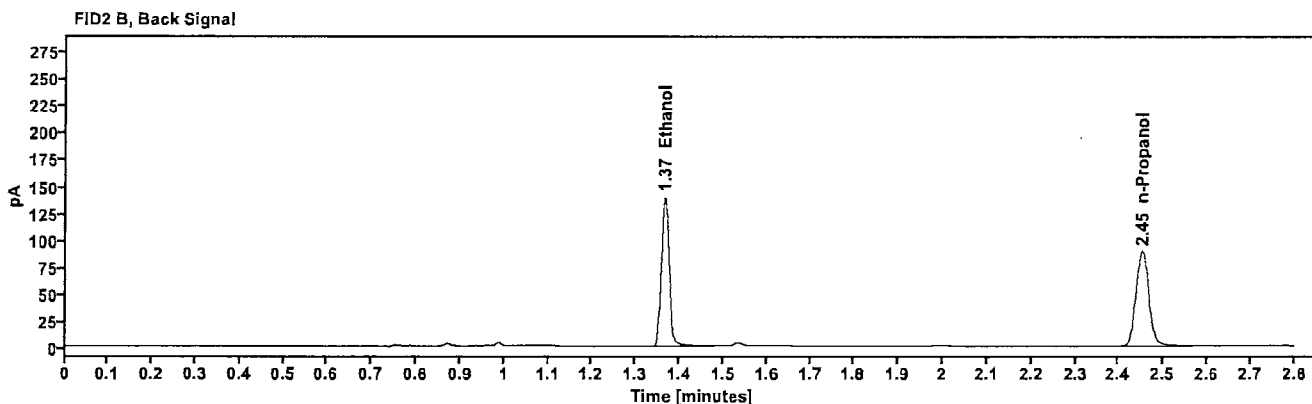
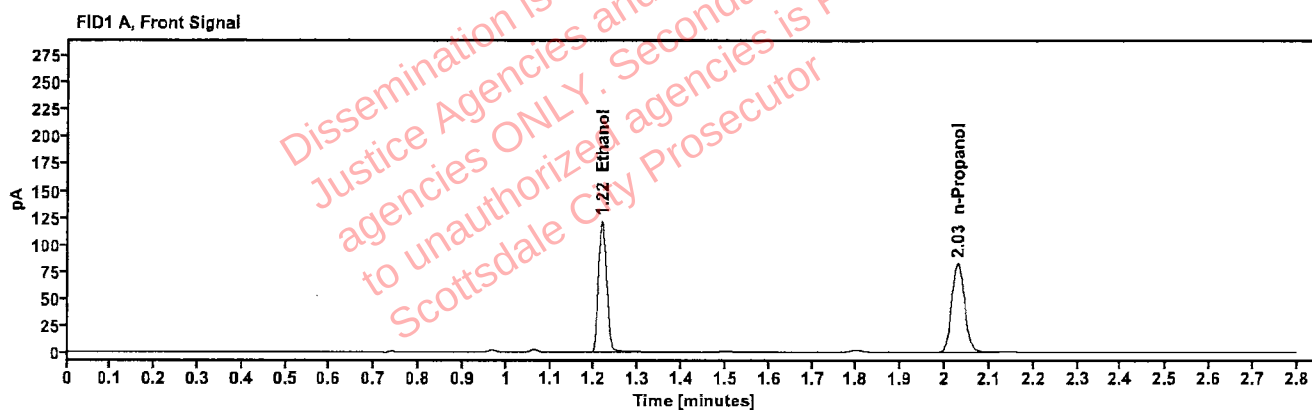


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2414	1.217	153.623
n-Propanol	---	2.029	163.898

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

Compound	Time (min)	Peak Area
Ethanol	1.366	168.920
n-Propanol	2.452	177.019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513374-2	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 7:34:57 PM
Data file:	C:\Chem32\1\Data\16Jul25\16.D	Analyst:	Brooke

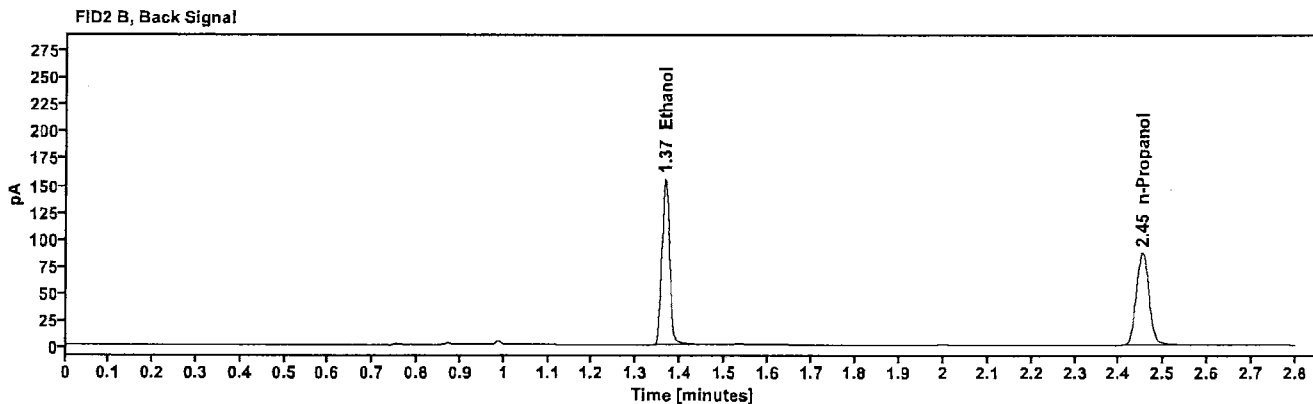
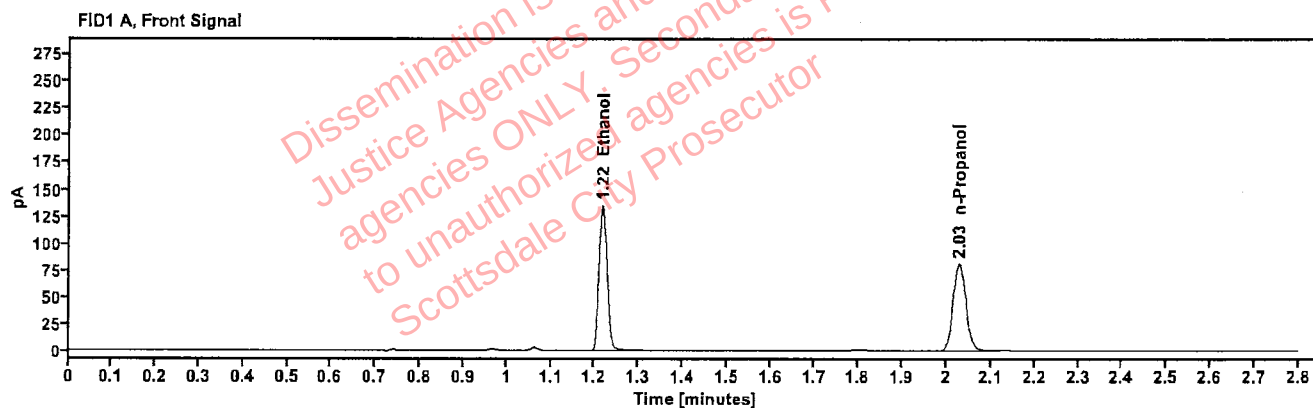


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2729	1.217	170.648
n-Propanol	---	2.028	160.932

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

Compound	Time (min)	Peak Area
Ethanol	1.366	187.474
n-Propanol	2.452	173.651

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513374-2	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 7:38:58 PM
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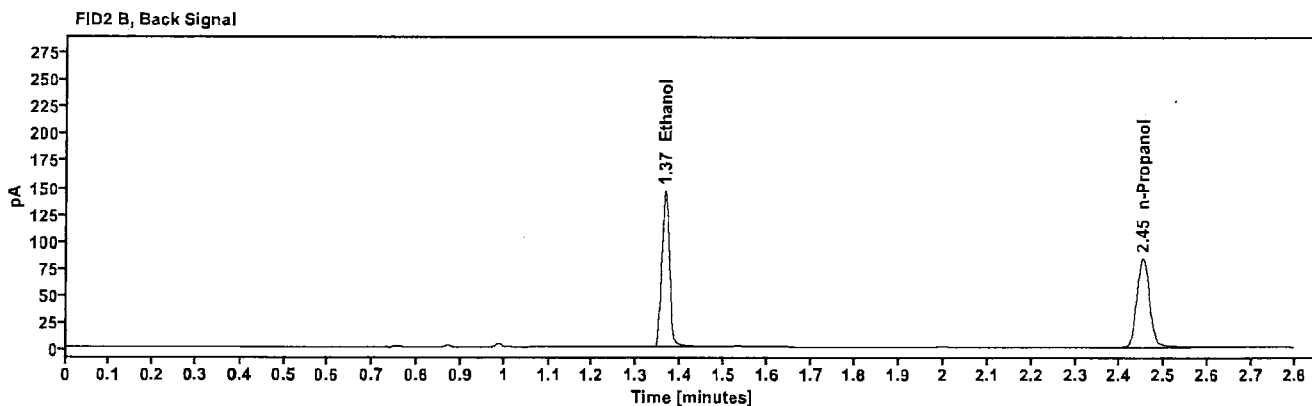
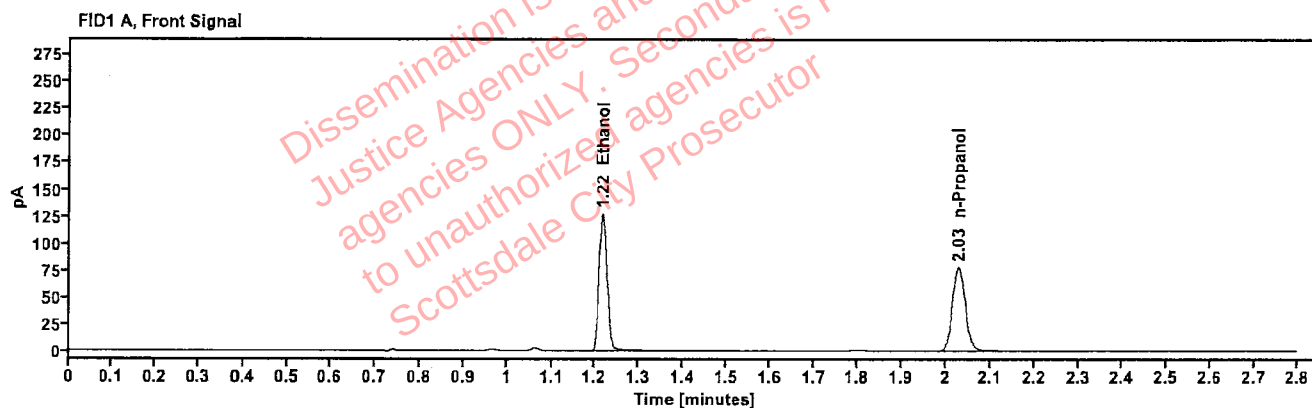


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2673	1.217	160.731
n-Propanol	---	2.028	154.742

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

Compound	Time (min)	Peak Area
Ethanol	1.365	176.488
n-Propanol	2.452	166.938

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513558-2	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 7:42:57 PM
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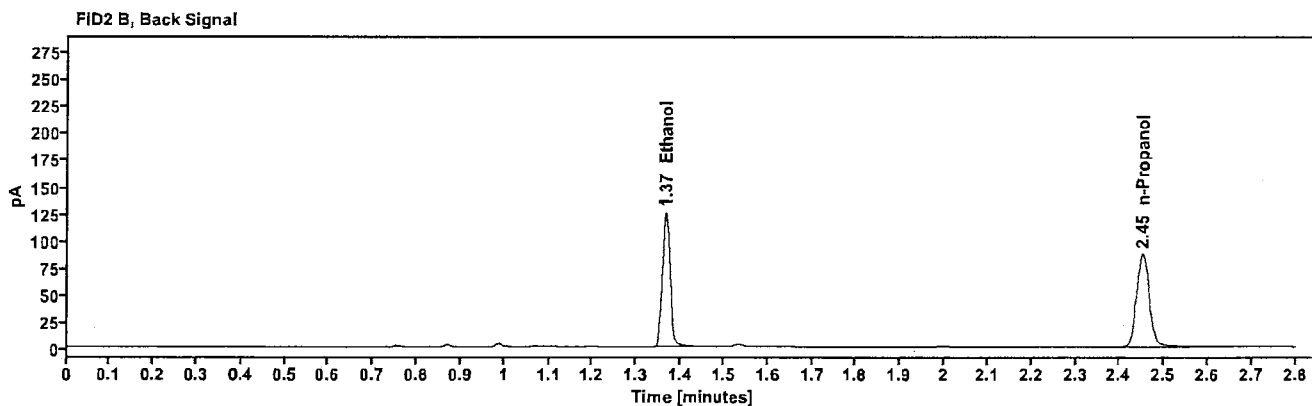
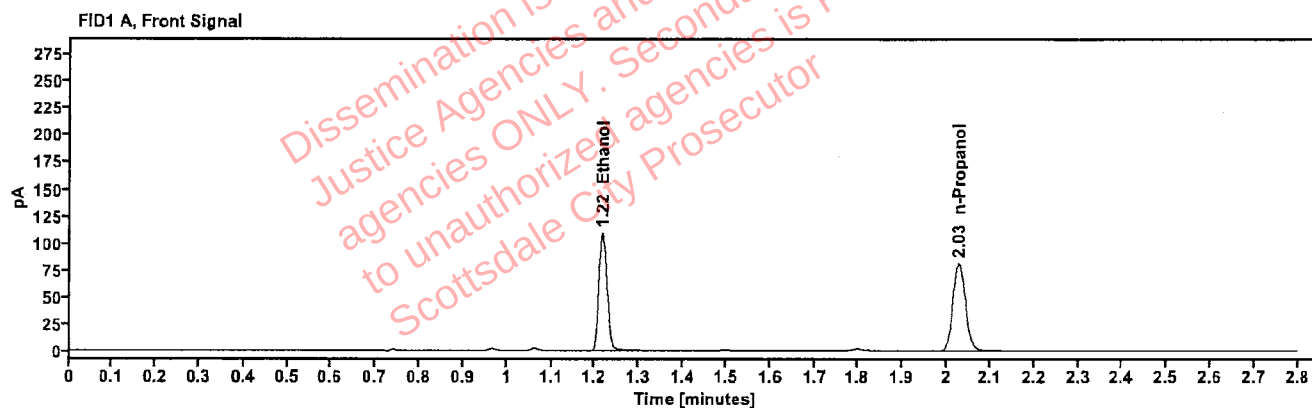


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2209	1.217	138.336
n-Propanol	---	2.028	161.433

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

Compound	Time (min)	Peak Area
Ethanol	1.365	151.552
n-Propanol	2.451	173.960

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513558-2	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
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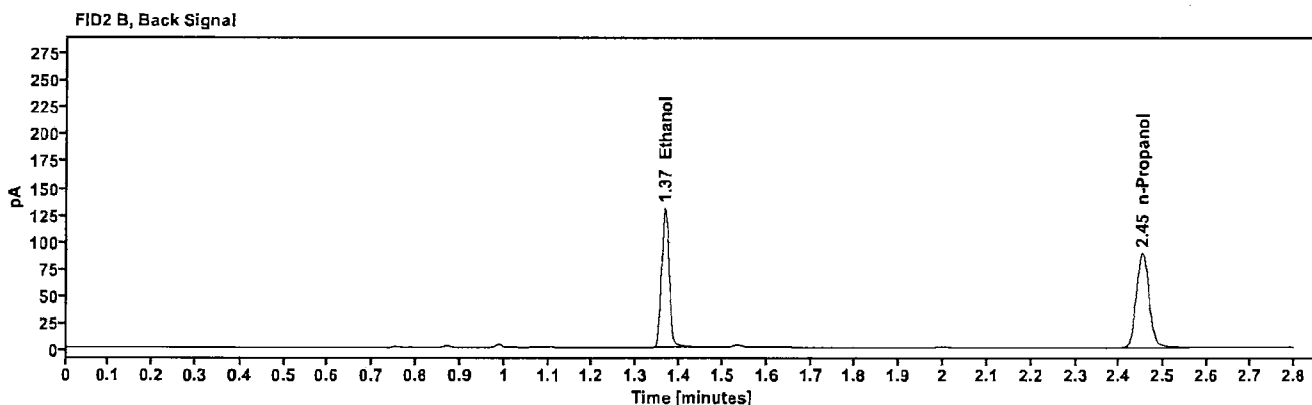
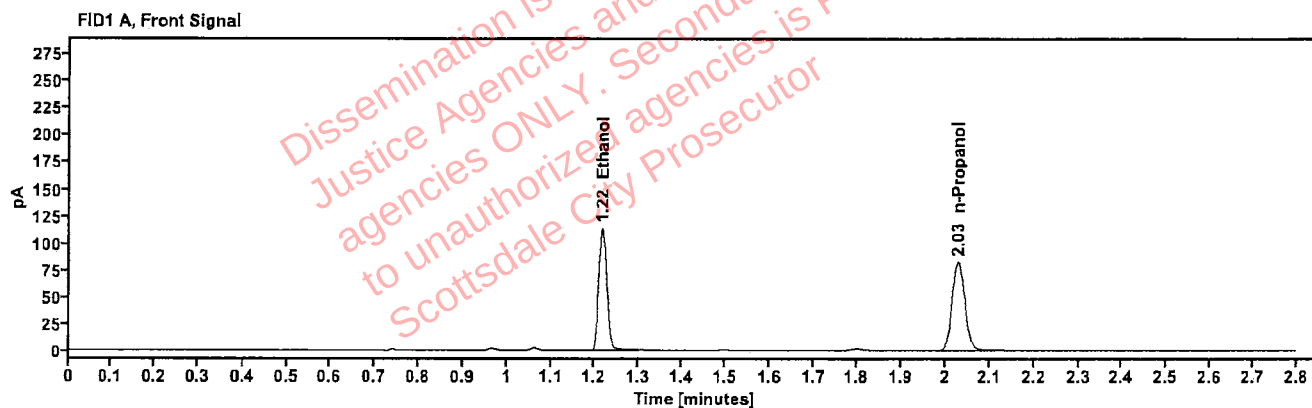


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2260	1.217	143.670
n-Propanol	-----	2.028	163.835

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

Compound	Time (min)	Peak Area
Ethanol	1.366	157.471
n-Propanol	2.451	176.722

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2512138-2	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 7:55:13 PM
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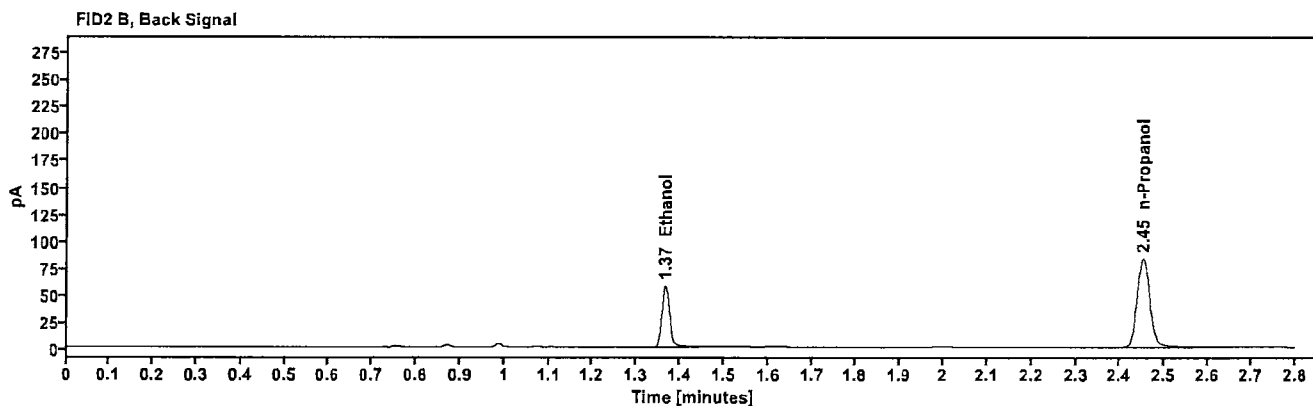
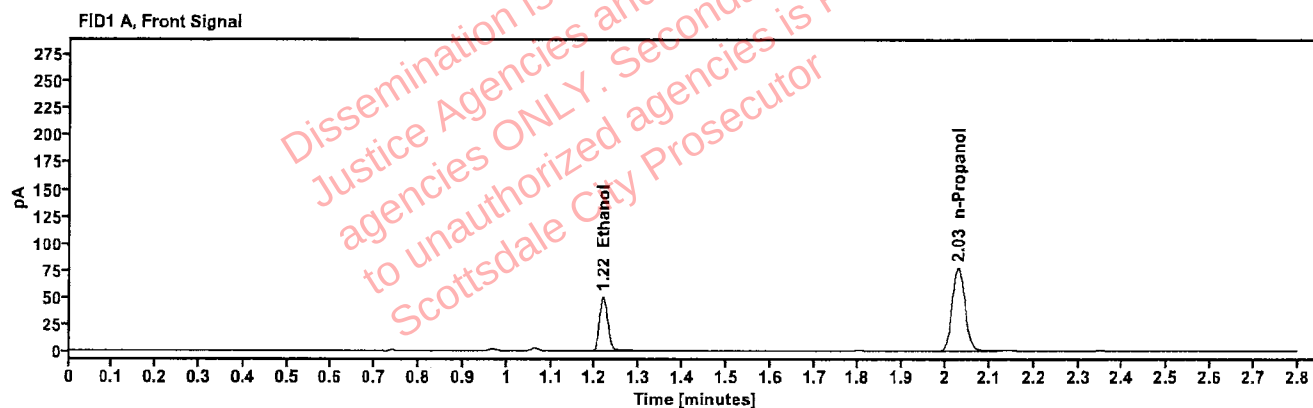


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1079	1.218	63.816
n-Propanol	---	2.028	154.117

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

Compound	Time (min)	Peak Area
Ethanol	1.366	69.630
n-Propanol	2.452	166.787

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2512138-2	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 7:59:13 PM
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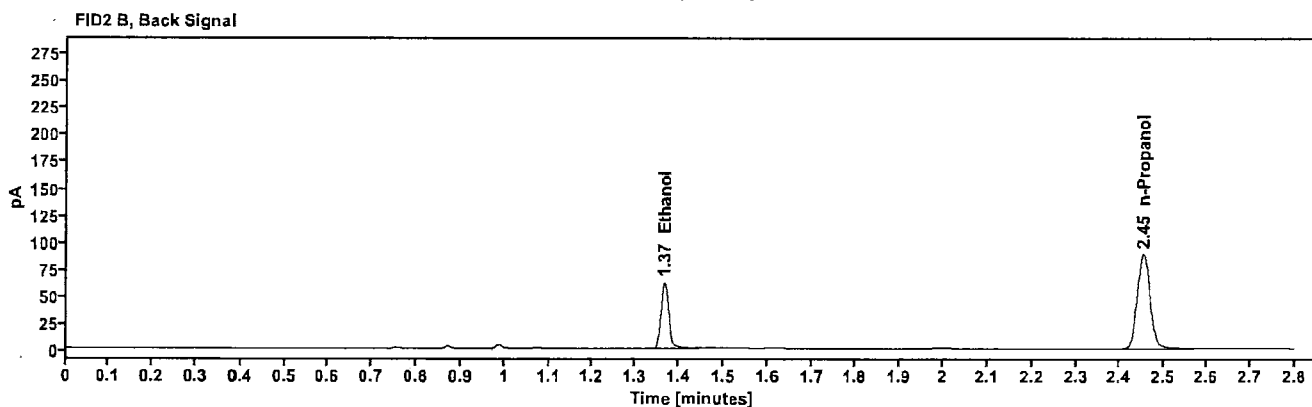
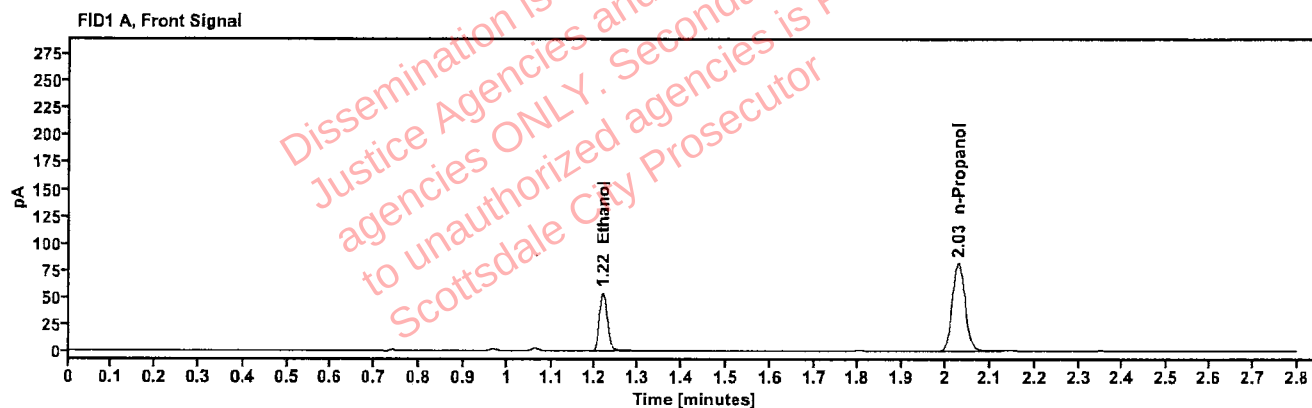


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1093	1.218	68.355
n-Propanol	-----	2.029	162.807

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

Compound	Time (min)	Peak Area
Ethanol	1.366	74.538
n-Propanol	2.452	176.153

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2511960-3	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 8:03:13 PM
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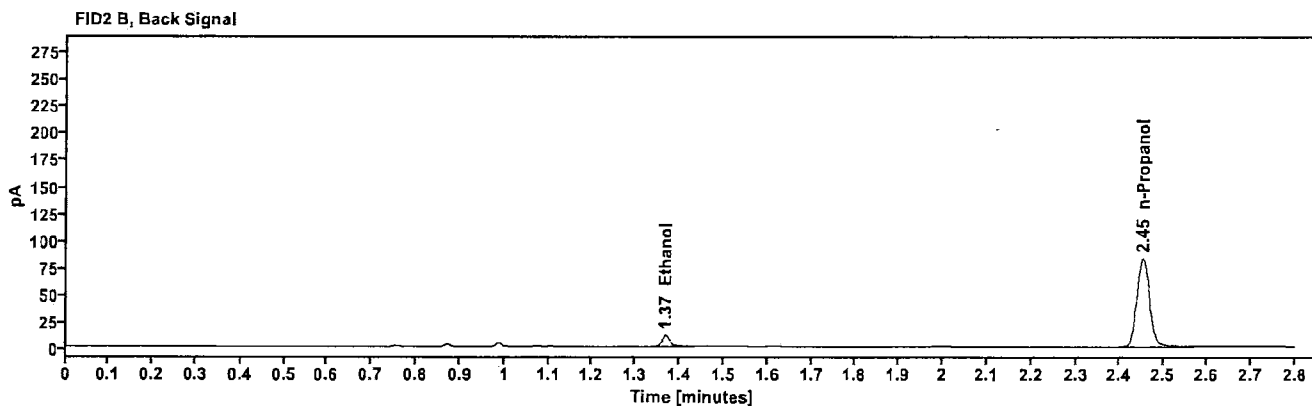
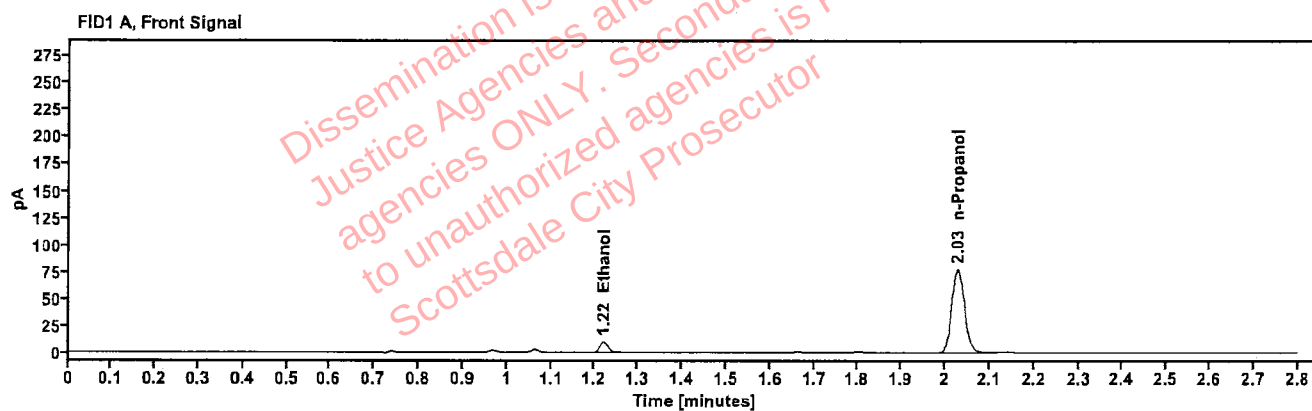


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0227	1.220	12.345
n-Propanol	—	2.028	153.577

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

Compound	Time (min)	Peak Area
Ethanol	1.368	13.712
n-Propanol	2.452	166.348

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2511960-3	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 8:07:13 PM
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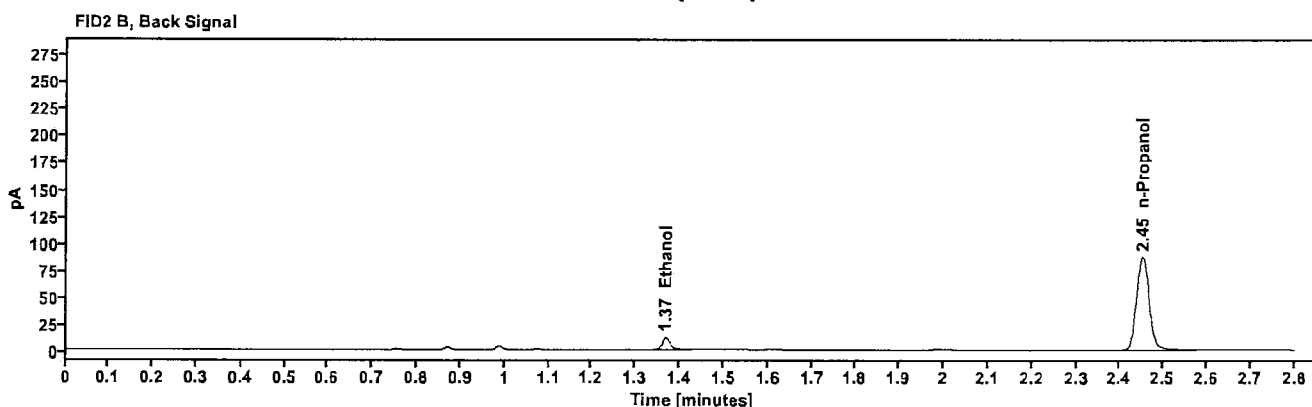
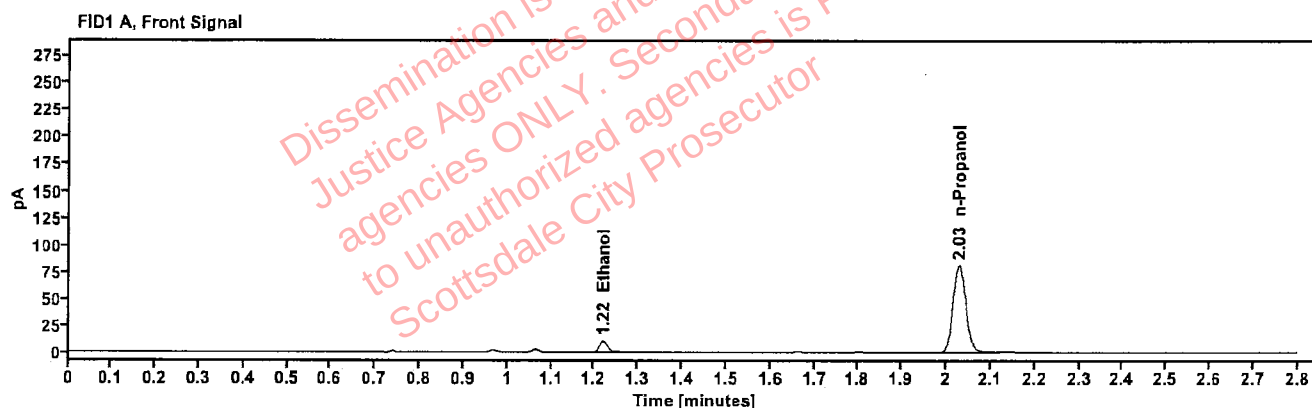


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0228	1.220	13.054
n-Propanol	-----	2.029	161.542

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

Compound	Time (min)	Peak Area
Ethanol	1.368	14.533
n-Propanol	2.452	175.037

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513498-2	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 8:11:28 PM
Data file:	C:\Chem321\1\Data\16Jul25\25.D	Analyst:	Brooke

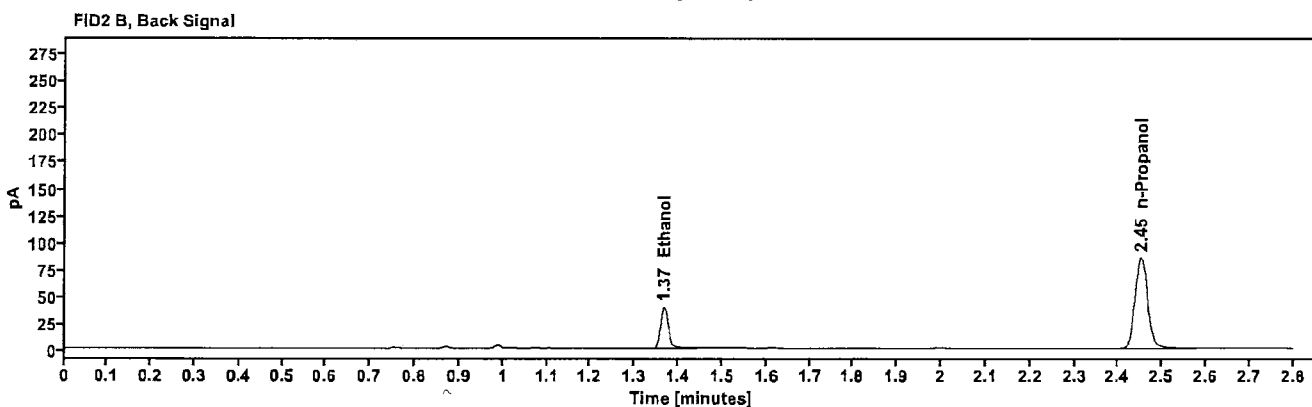
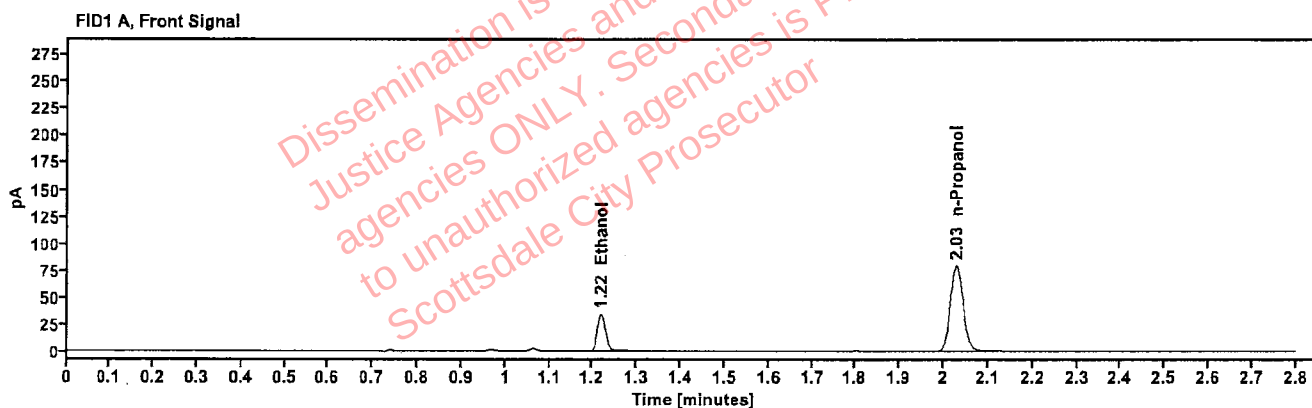


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0722	1.218	43.430
n-Propanol	—	2.028	158.291

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

Compound	Time (min)	Peak Area
Ethanol	1.367	47.283
n-Propanol	2.452	171.389

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513498-2	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 8:15:28 PM
Data file:	C:\Chem32\1\Data\16Jul25\26.D	Analyst:	Brooke

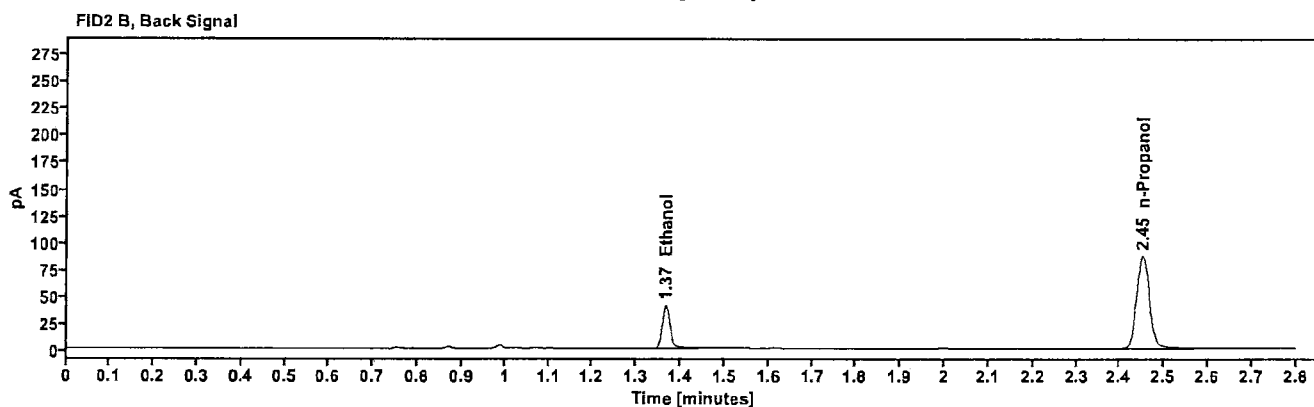
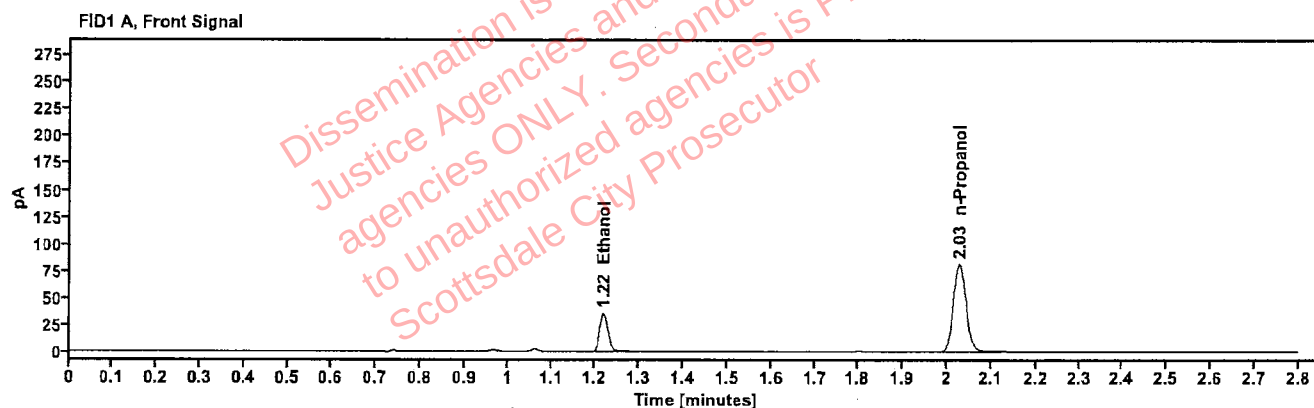


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0731	1.218	44.814
n-Propanol	-----	2.028	161.186

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

Compound	Time (min)	Peak Area
Ethanol	1.366	48.845
n-Propanol	2.451	174.301

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513380-1	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 8:19:28 PM
Data file:	C:\Chem32\1\Data\16Jul25\27.D	Analyst:	Brooke

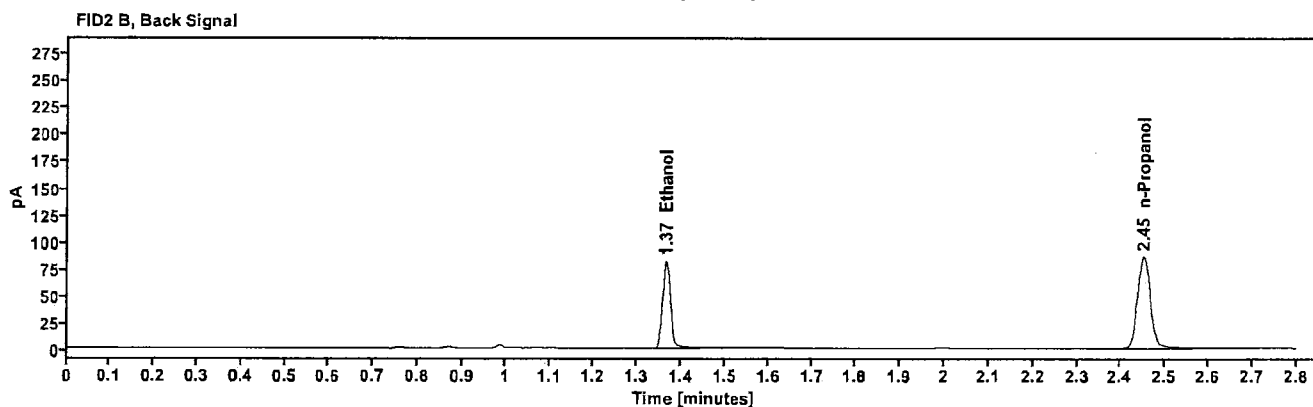
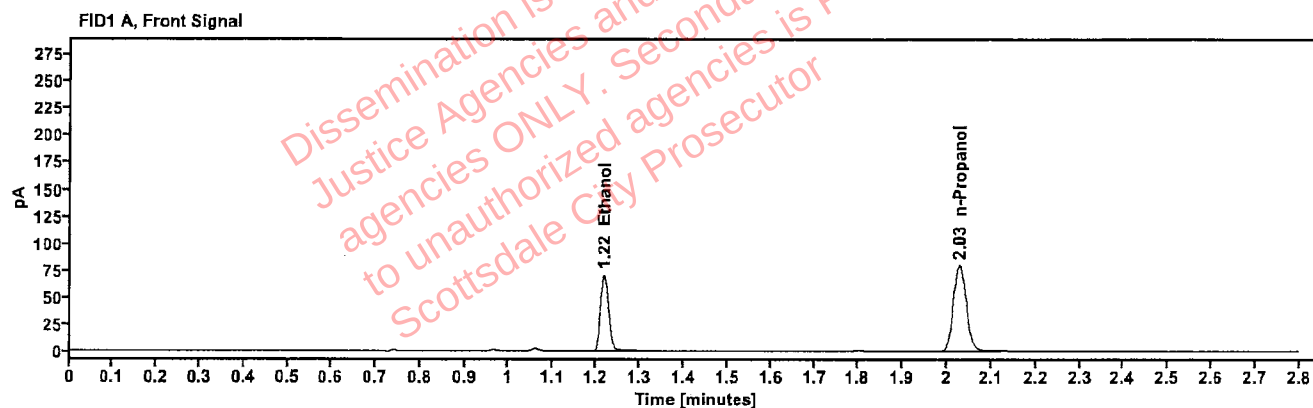


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1467	1.217	89.919
n-Propanol	---	2.028	158.749

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

Compound	Time (min)	Peak Area
Ethanol	1.365	98.010
n-Propanol	2.451	171.414

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513380-1	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 8:23:28 PM
Data file:	C:\Chem3211\Data\16Jul25\28.D	Analyst:	Brooke

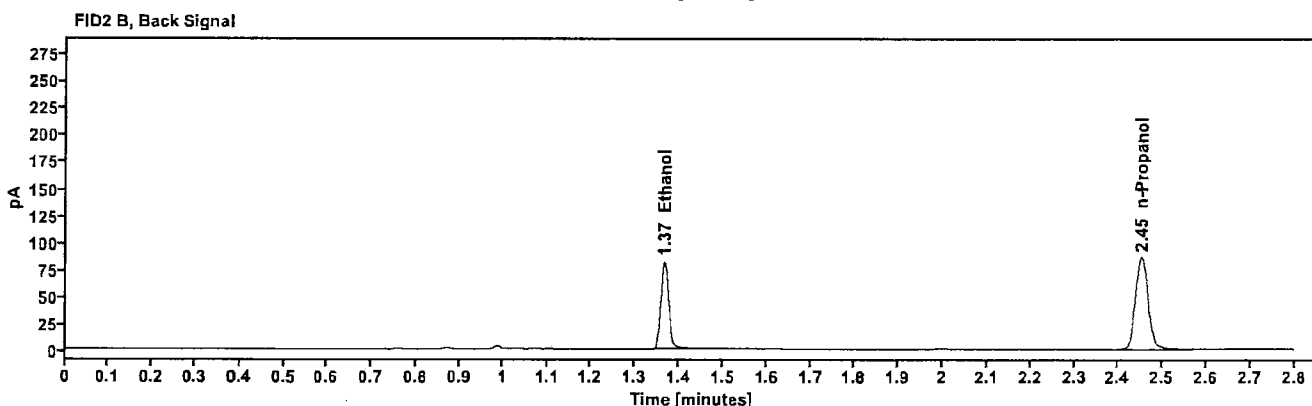
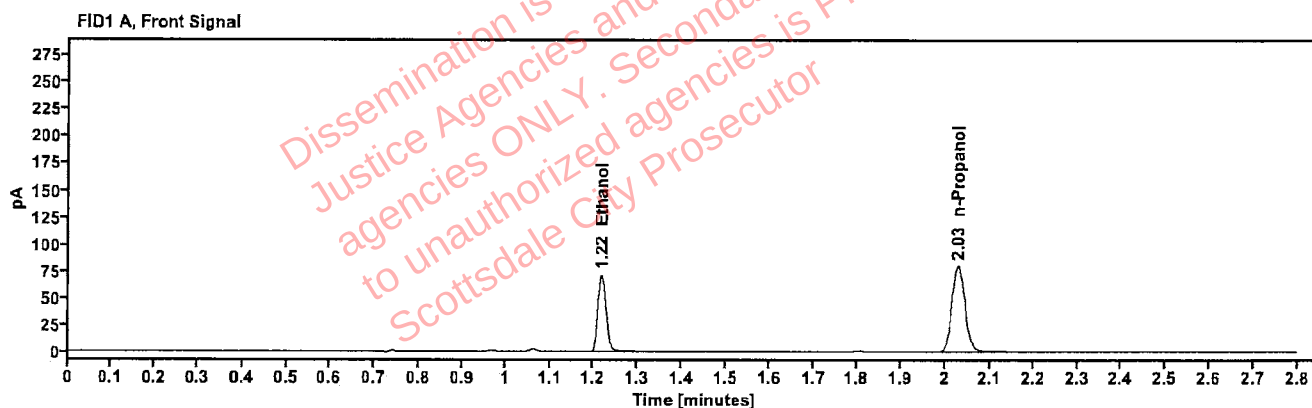


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1472	1.217	90.746
n-Propanol	---	2.028	159.654

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

Compound	Time (min)	Peak Area
Ethanol	1.366	98.824
n-Propanol	2.452	172.365

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513426-1	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 8:27:28 PM
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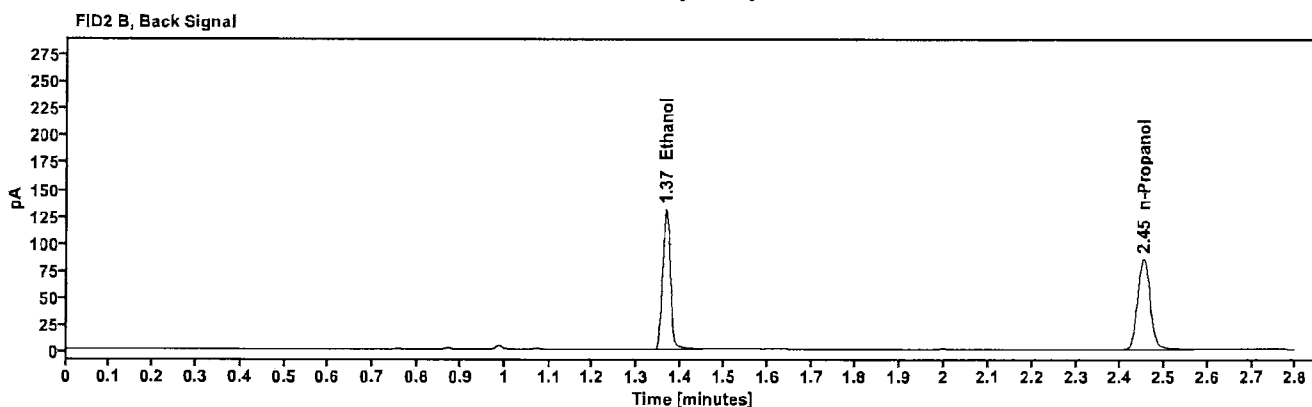
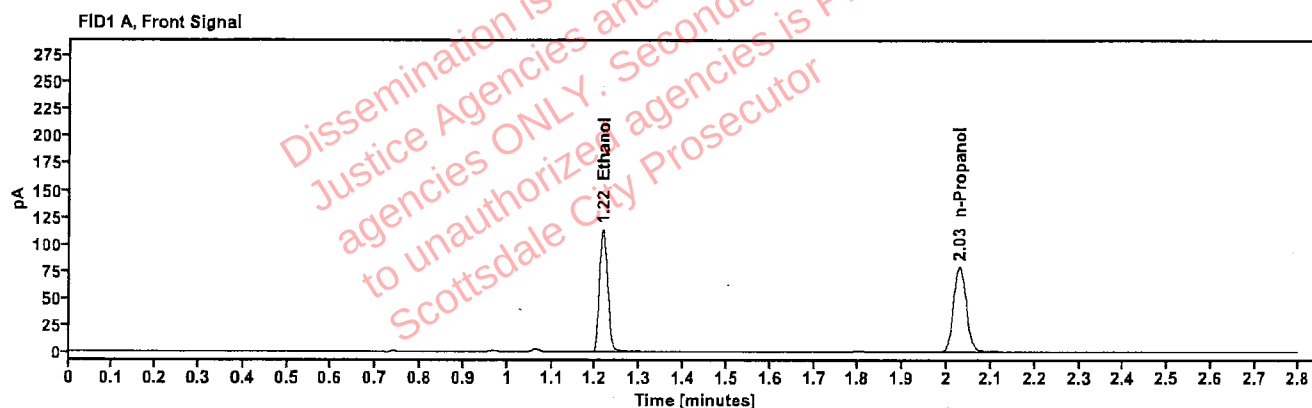


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2349	1.217	144.146
n-Propanol	—	2.028	158.096

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

Compound	Time (min)	Peak Area
Ethanol	1.366	157.693
n-Propanol	2.452	170.296

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513426-1	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 8:31:27 PM
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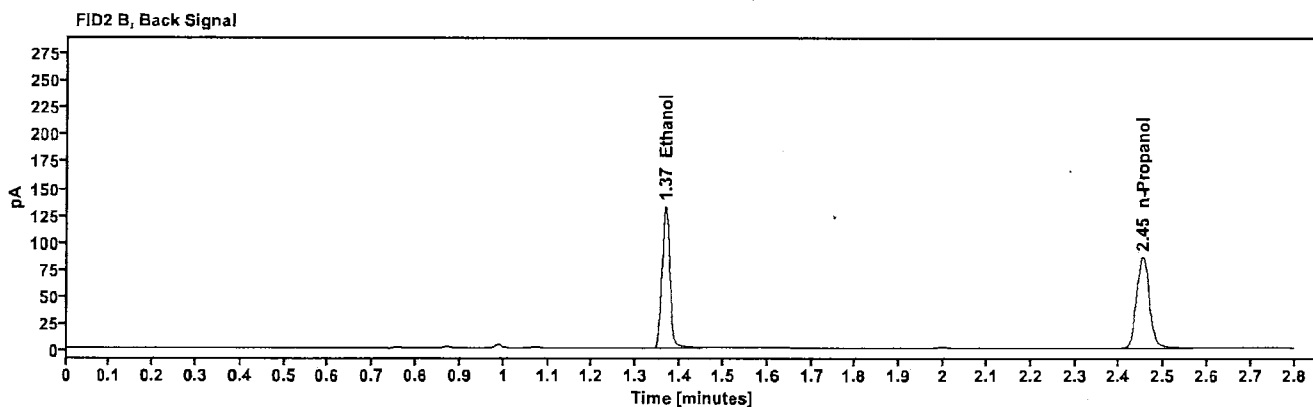
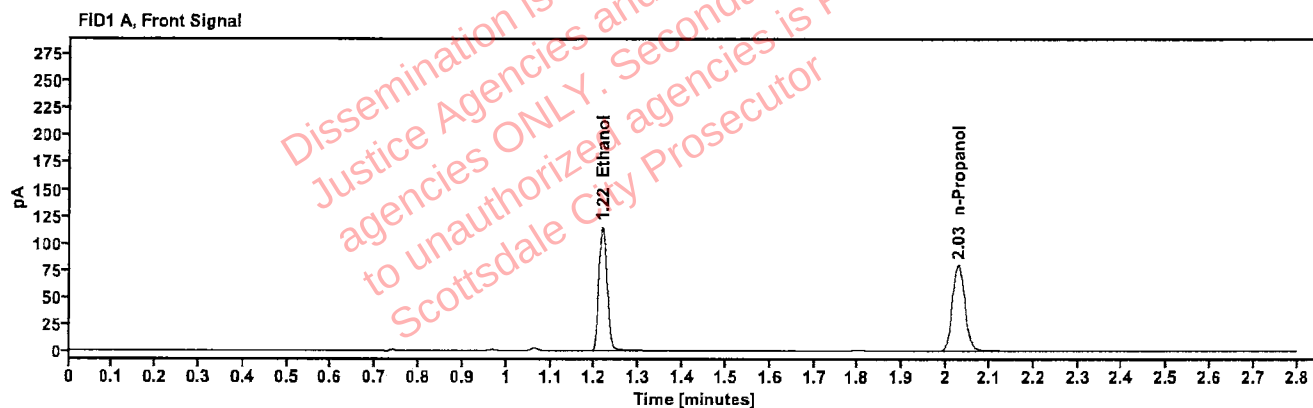


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2358	1.217	145.763
n-Propanol	—	2.029	159.284

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

Compound	Time (min)	Peak Area
Ethanol	1.366	159.631
n-Propanol	2.452	171.555

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513561-1	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 8:39:43 PM
Data file:	C:\Chem32\1\Data\16Jul25\32.D	Analyst:	Brooke

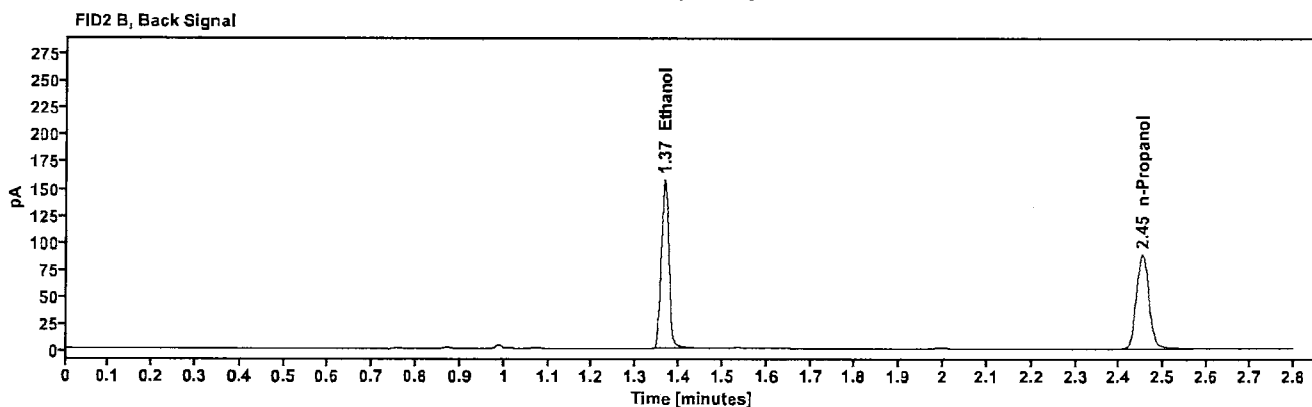
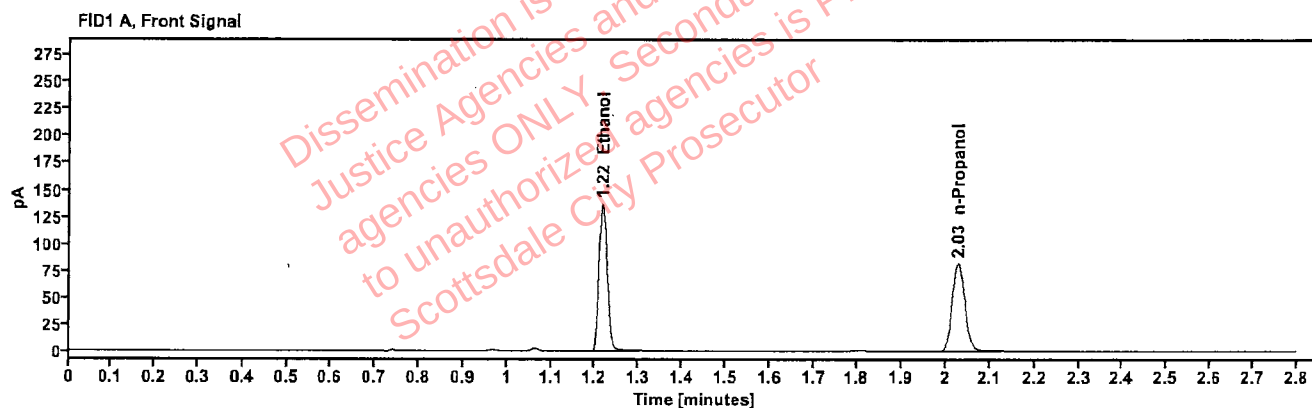


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2736	1.216	173.231
n-Propanol	—	2.028	162.941

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

Compound	Time (min)	Peak Area
Ethanol	1.365	190.357
n-Propanol	2.451	175.899

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513561-1	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 8:43:43 PM
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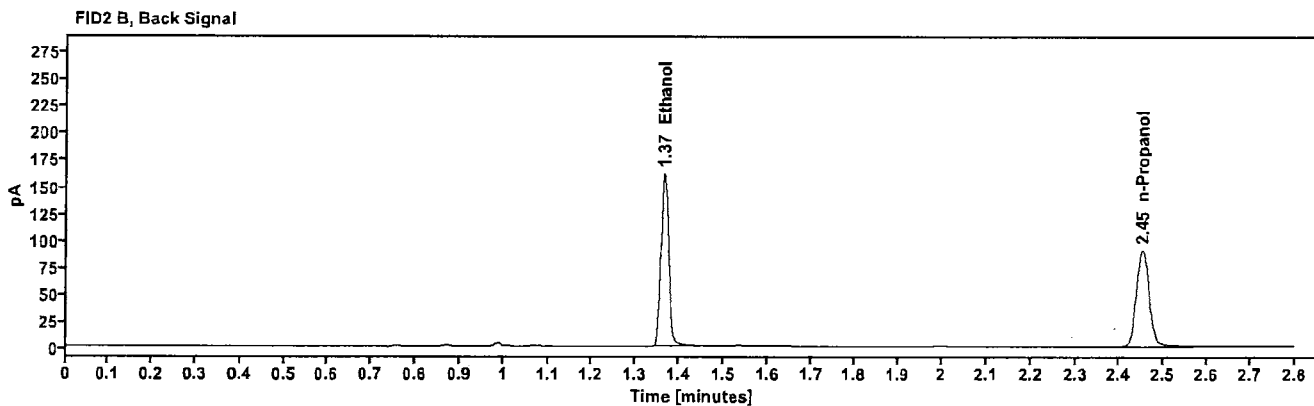
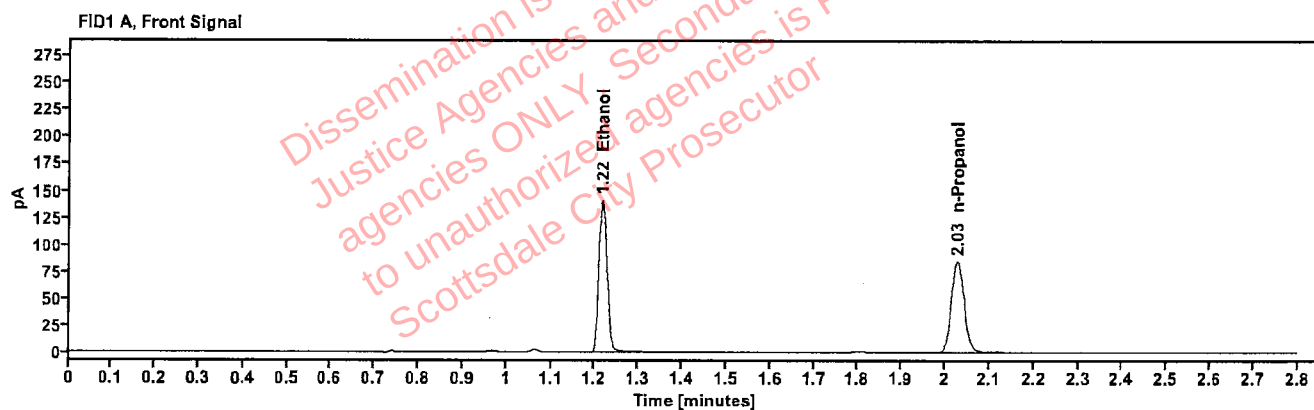


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2731	1.217	178.432
n-Propanol	—	2.028	168.113

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

Compound	Time (min)	Peak Area
Ethanol	1.366	196.061
n-Propanol	2.452	181.418

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513109-2	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 8:47:43 PM
Data file:	C:\Chem321\Data\16Jul25\34.D	Analyst:	Brooke

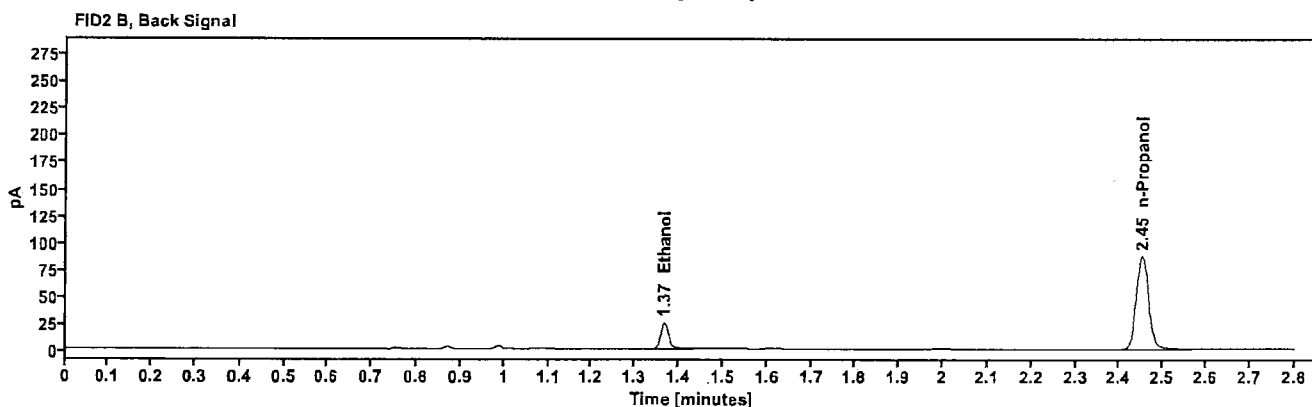
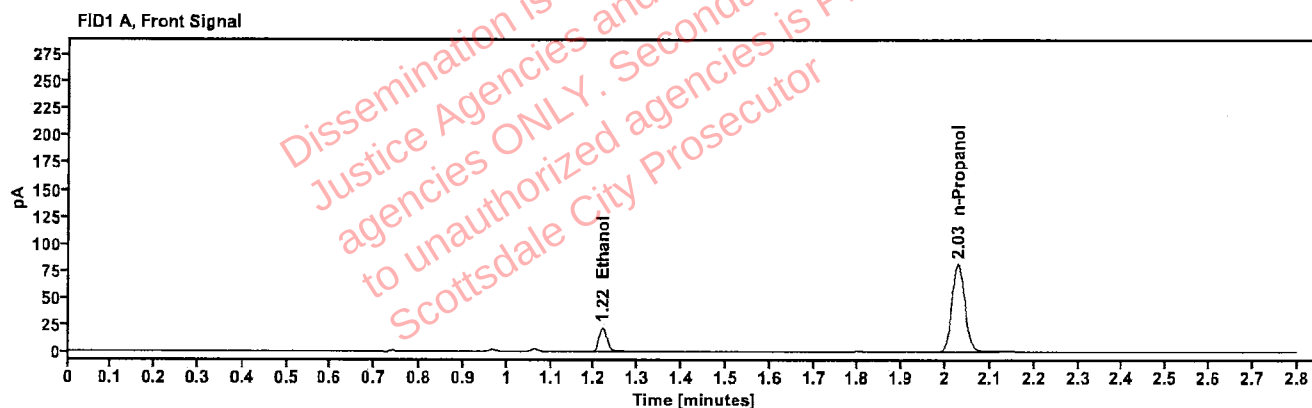


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0457	1.219	27.543
n-Propanol	-----	2.028	161.573

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

Compound	Time (min)	Peak Area
Ethanol	1.367	30.394
n-Propanol	2.452	174.752

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513109-2	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 8:51:43 PM
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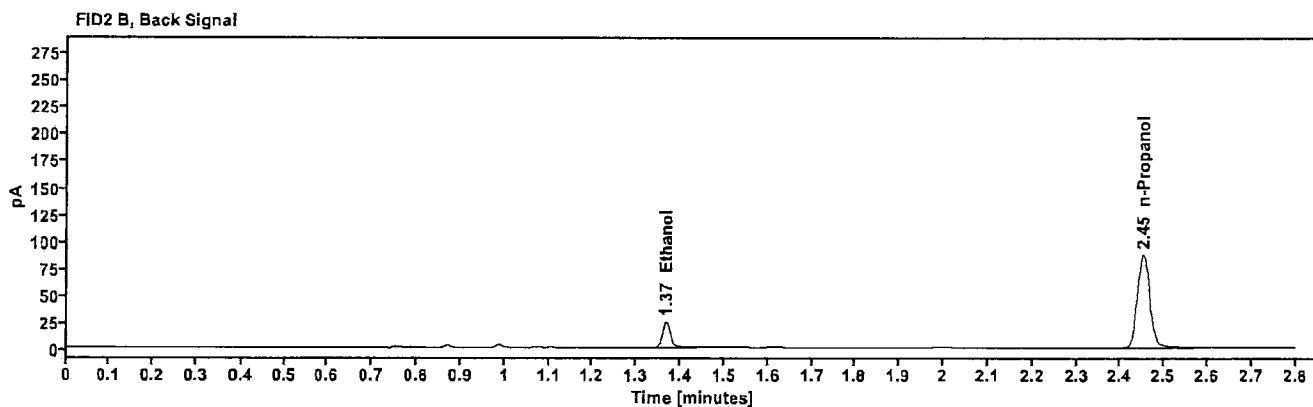
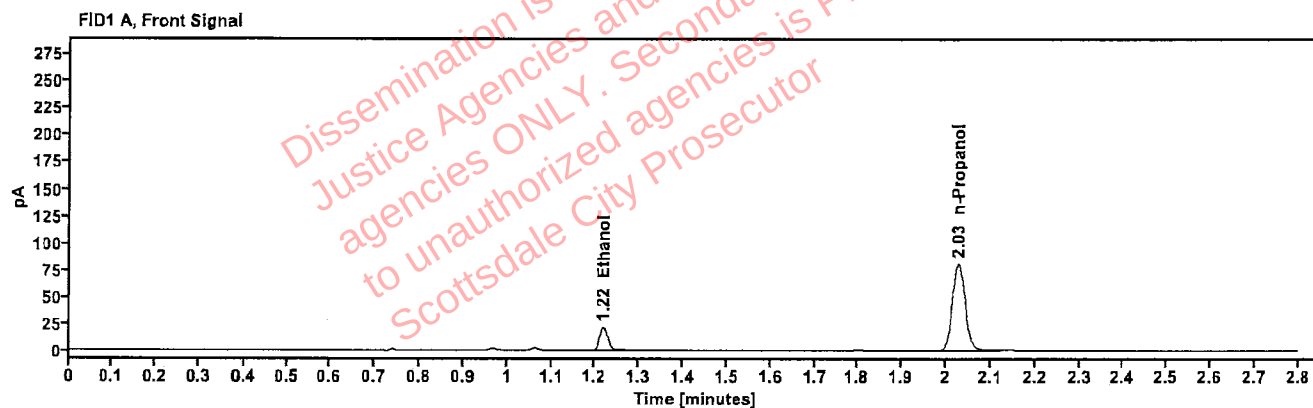


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0453	1.219	27.210
n-Propanol	-----	2.028	160.936

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

Compound	Time (min)	Peak Area
Ethanol	1.367	30.103
n-Propanol	2.452	174.169

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513511-2	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 8:55:43 PM
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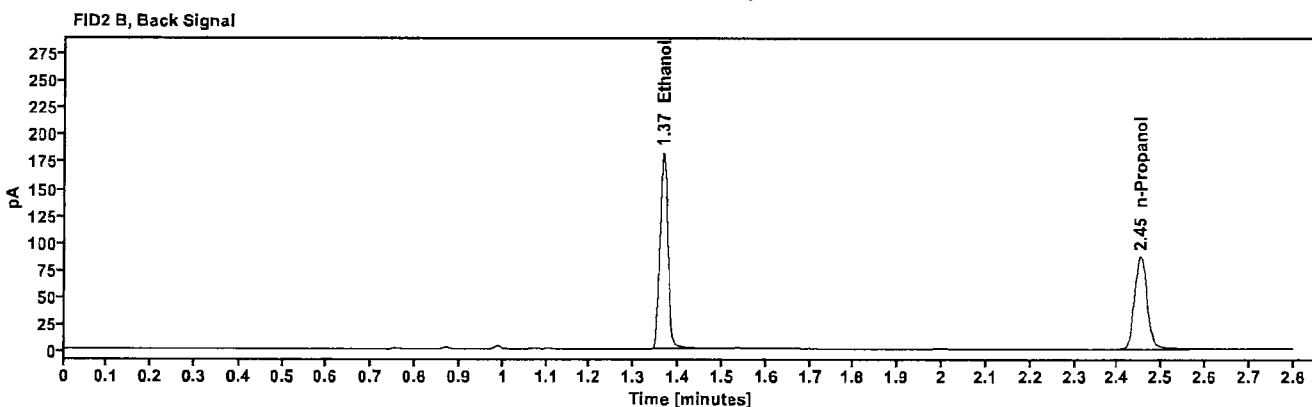
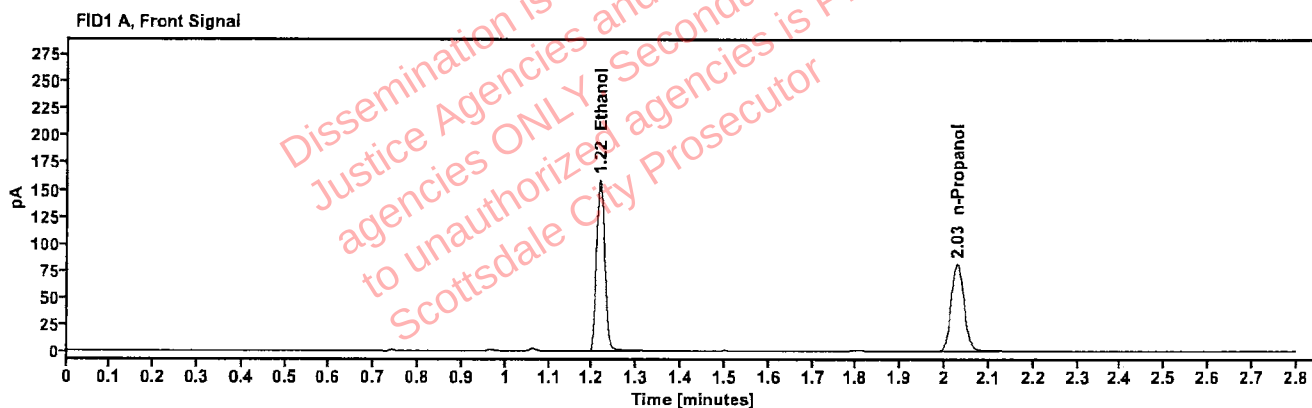


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3204	1.217	201.583
n-Propanol	—	2.028	161.727

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

Compound	Time (min)	Peak Area
Ethanol	1.366	221.450
n-Propanol	2.452	174.092

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513511-2	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 8:59:58 PM
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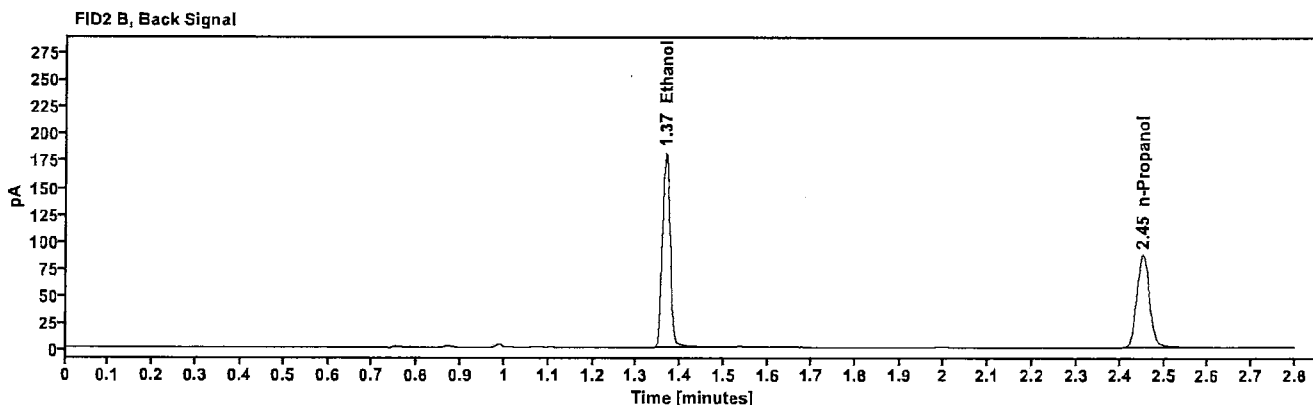
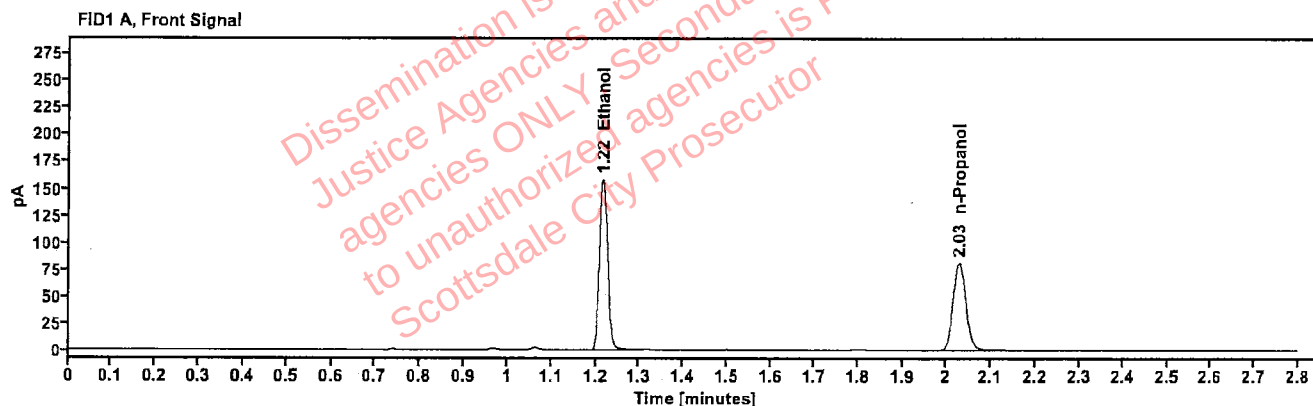


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3189	1.217	200.131
n-Propanol	-----	2.028	161.280

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

Compound	Time (min)	Peak Area
Ethanol	1.366	219.857
n-Propanol	2.452	173.591

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513427-1	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 9:03:58 PM
Data file:	C:\Chem321\1\Data\16Jul25\38.D	Analyst:	Brooke

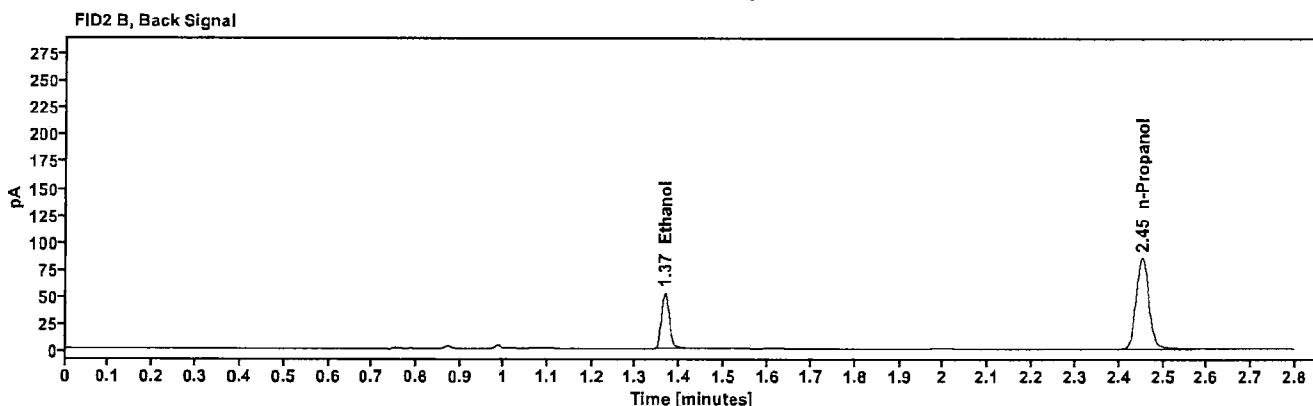
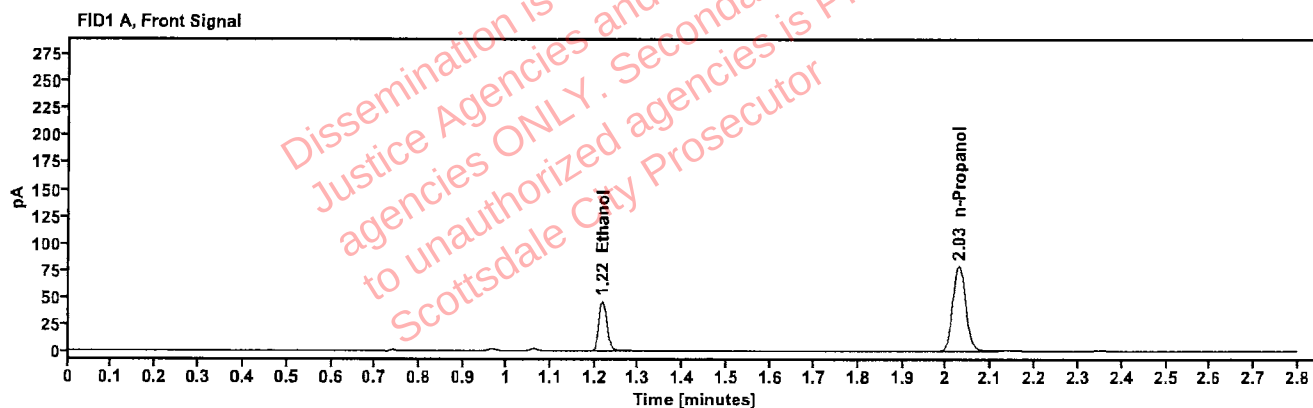


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0965	1.218	58.020
n-Propanol	---	2.028	157.057

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

Compound	Time (min)	Peak Area
Ethanol	1.366	63.242
n-Propanol	2.452	170.252

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513427-1	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 9:07:58 PM
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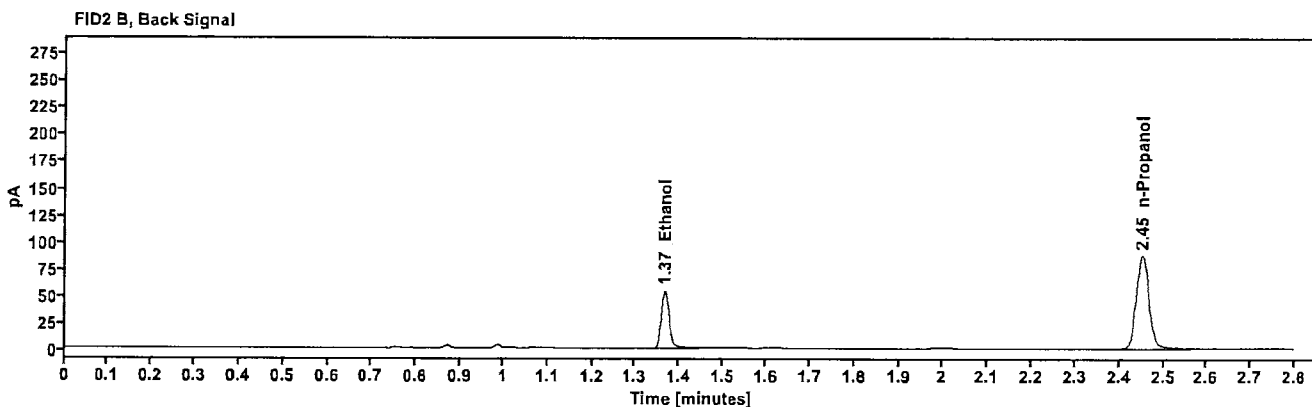
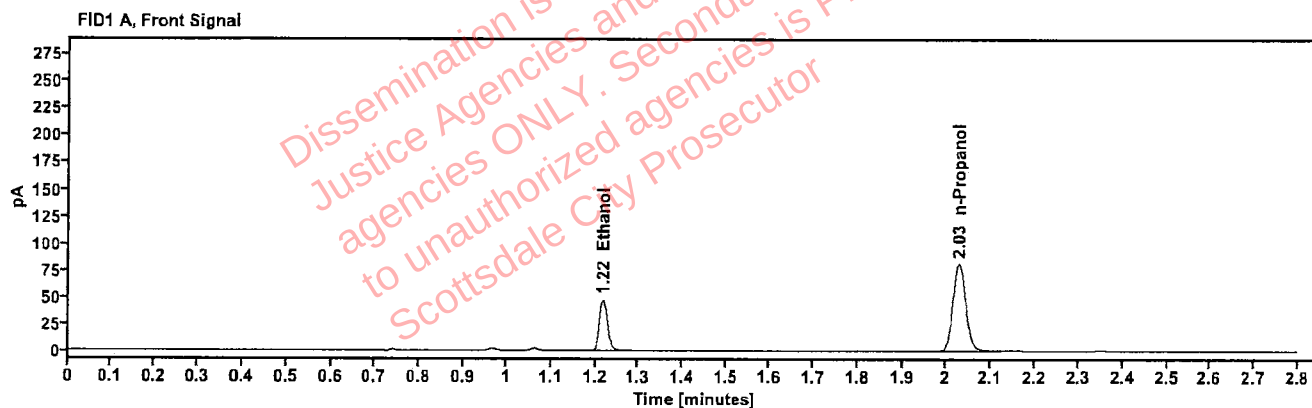


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0973	1.218	60.238
n-Propanol	—	2.028	161.611

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

Compound	Time (min)	Peak Area
Ethanol	1.366	65.667
n-Propanol	2.452	174.835

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513514-1	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 9:11:58 PM
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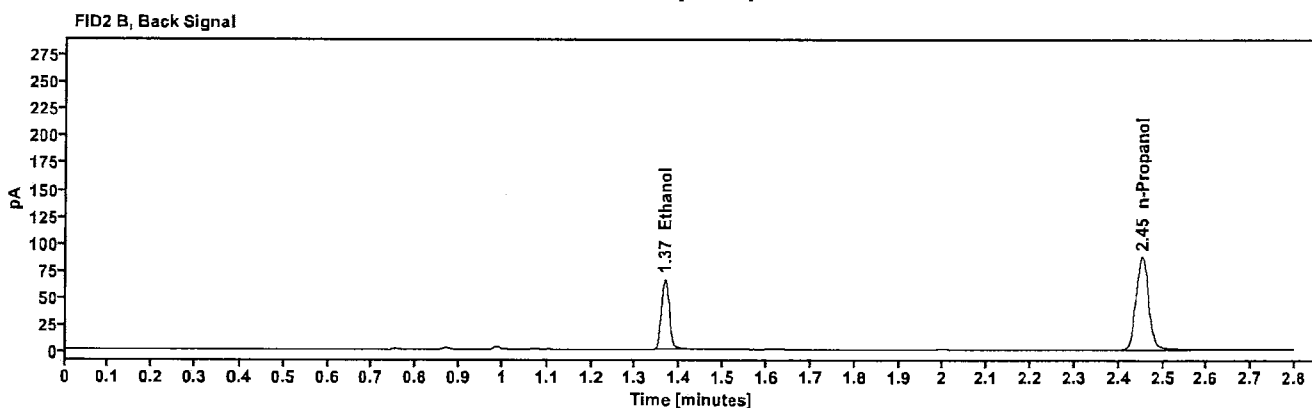
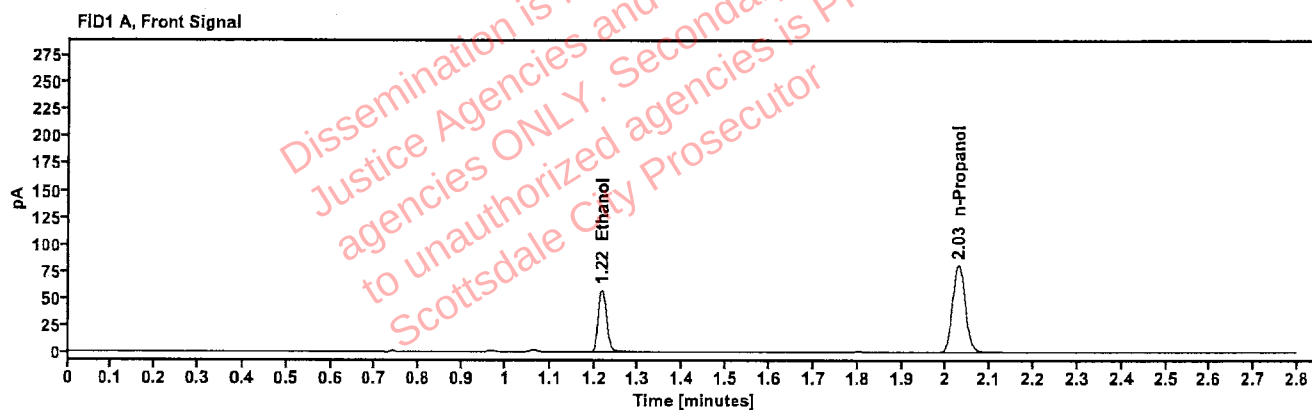


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1181	1.217	73.286
n-Propanol	---	2.028	161.316

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

Compound	Time (min)	Peak Area
Ethanol	1.366	79.776
n-Propanol	2.452	174.115

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513514-1	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 9:15:57 PM
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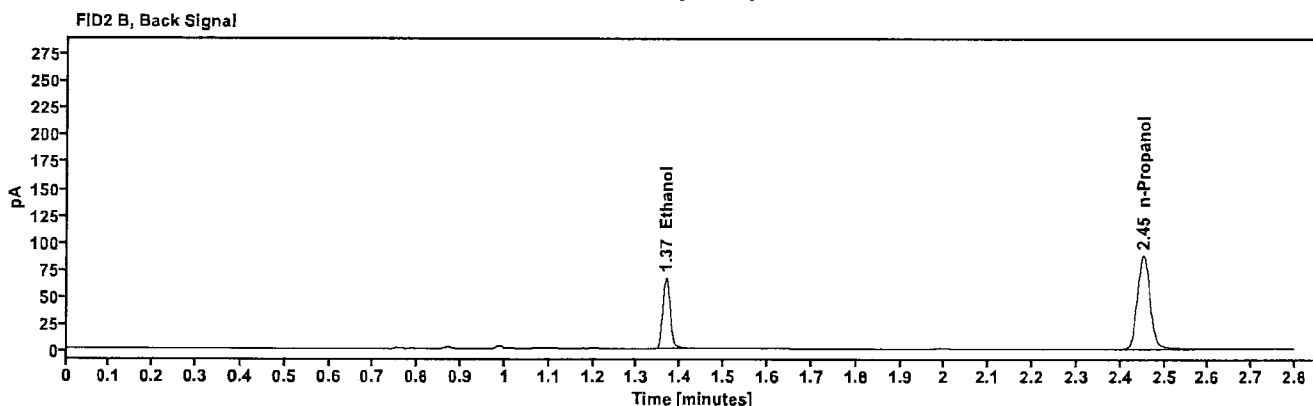
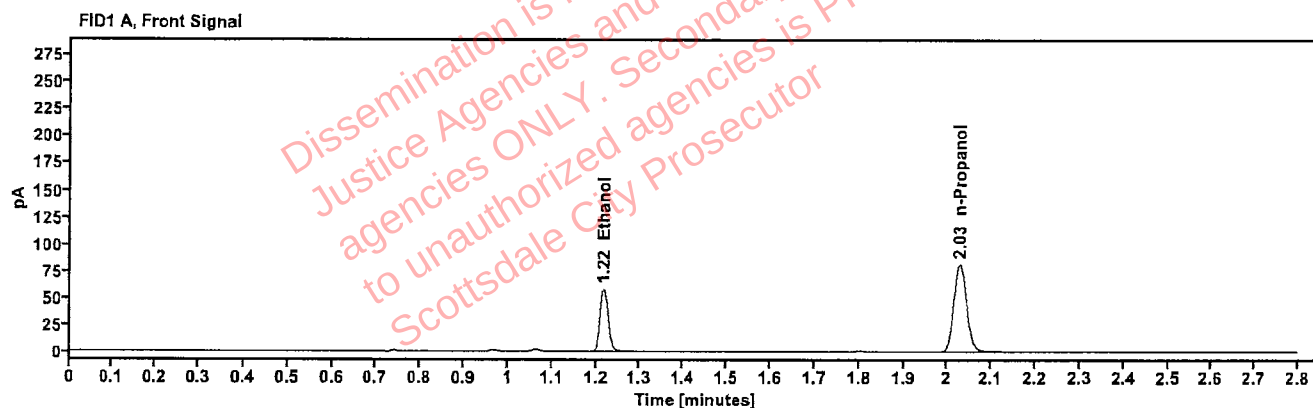


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1182	1.217	73.764
n-Propanol	—	2.028	162.229

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

Compound	Time (min)	Peak Area
Ethanol	1.366	80.242
n-Propanol	2.452	175.026

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513440-2	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 9:24:13 PM
Data file:	C:\Chem32\1\Data\16Jul25\43.D	Analyst:	Brooke

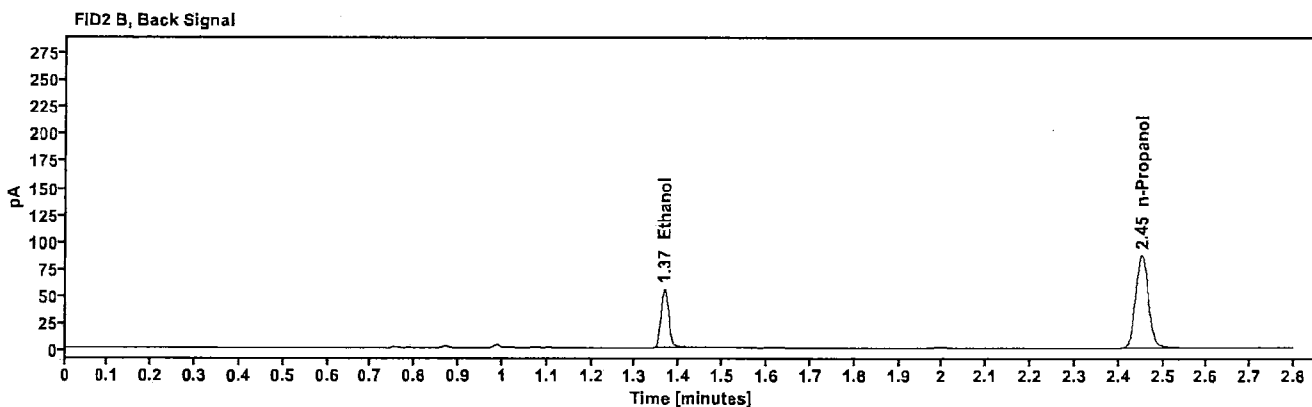
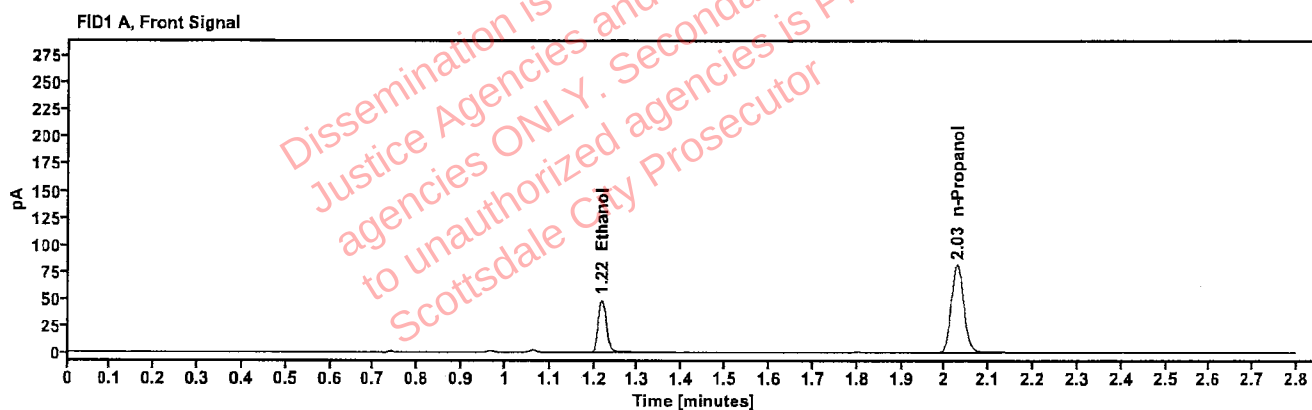


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0991	1.217	61.379
n-Propanol	-----	2.028	161.575

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

Compound	Time (min)	Peak Area
Ethanol	1.366	66.774
n-Propanol	2.451	174.099

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513440-2	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 9:28:13 PM
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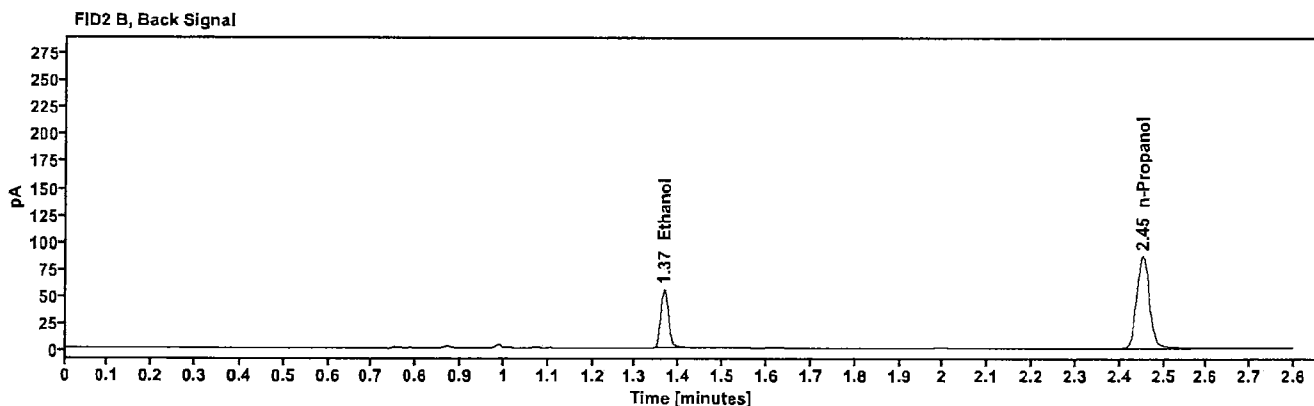
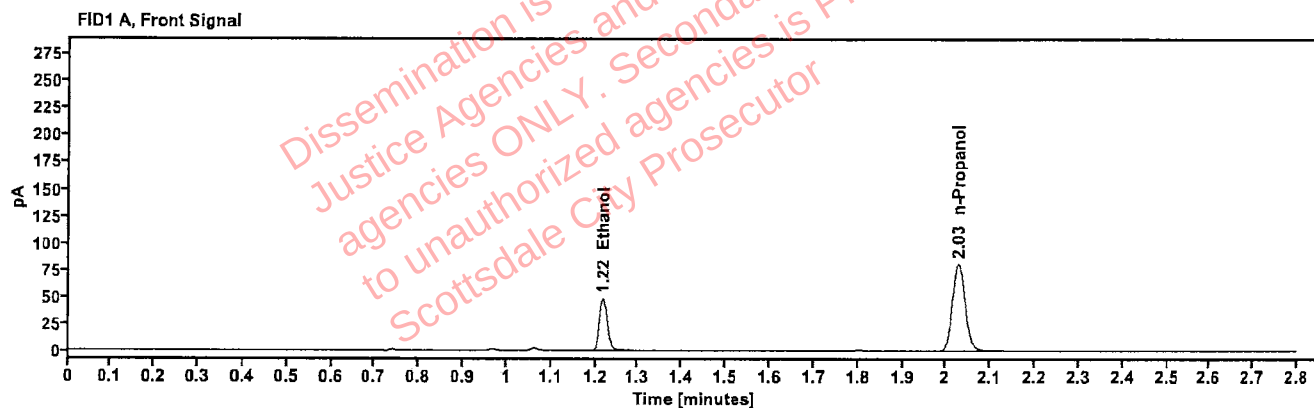


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0990	1.218	60.887
n-Propanol	-----	2.028	160.450

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

Compound	Time (min)	Peak Area
Ethanol	1.366	66.126
n-Propanol	2.452	173.031

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513590-2	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 9:32:13 PM
Data file:	C:\Chem321\Data\16Jul25\45.D	Analyst:	Brooke

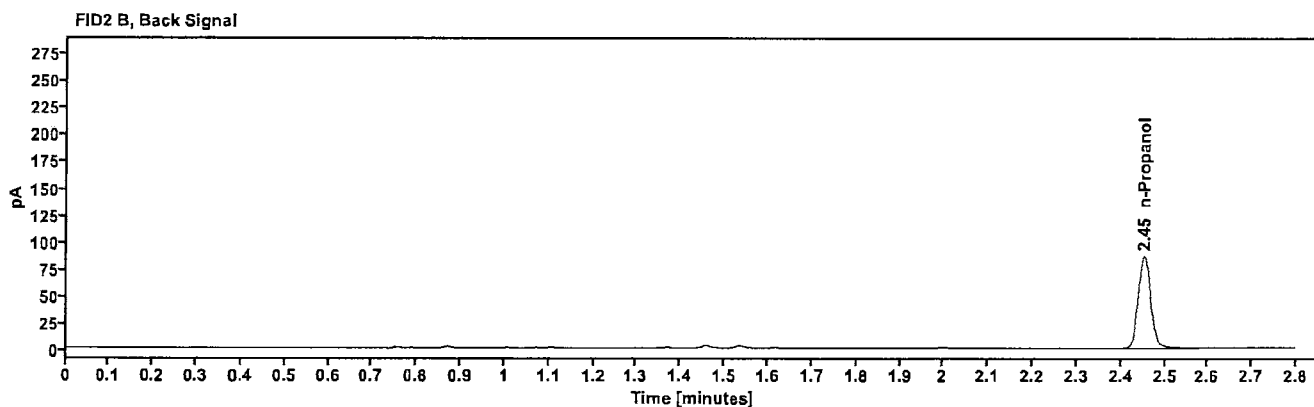
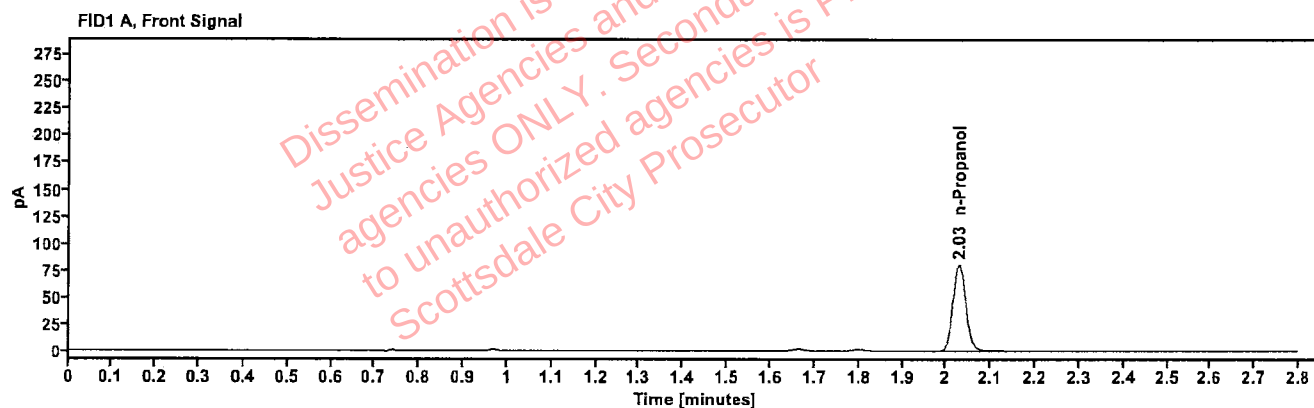


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.029	159.624

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

Compound	Time (min)	Peak Area
n-Propanol	2.453	172.747

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513590-2	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 9:36:13 PM
Data file:	C:\Chem32\1\Data\16Jul25\46.D	Analyst:	Brooke

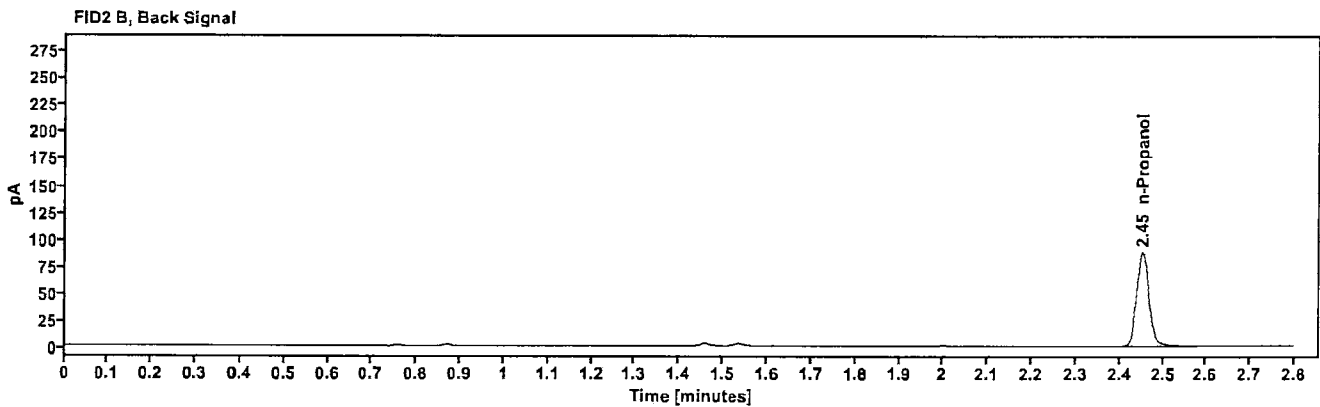
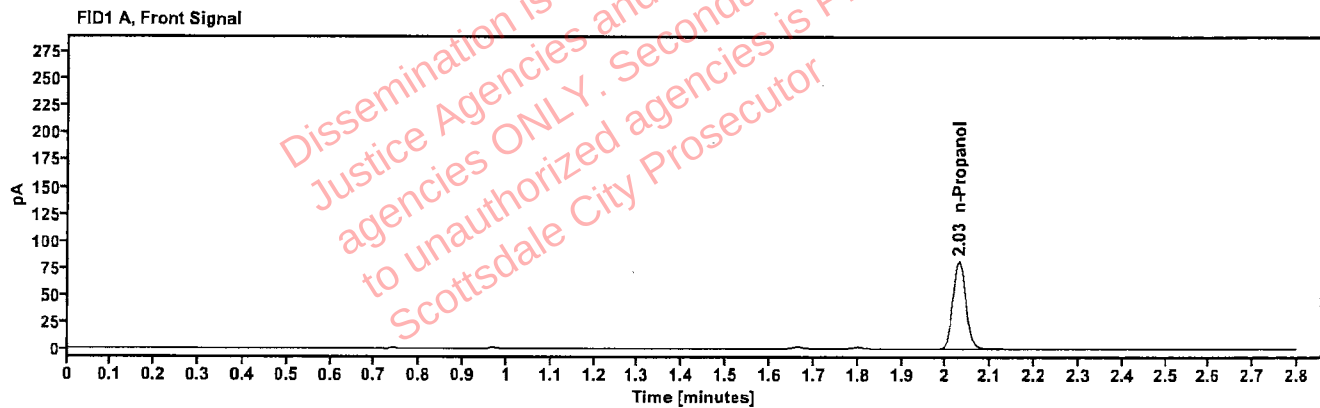


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.029	161.733

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

Compound	Time (min)	Peak Area
n-Propanol	2.453	174.973

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513613-1	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 9:40:12 PM
Data file:	C:\Chem32\1\Data\16Jul25\47.D	Analyst:	Brooke

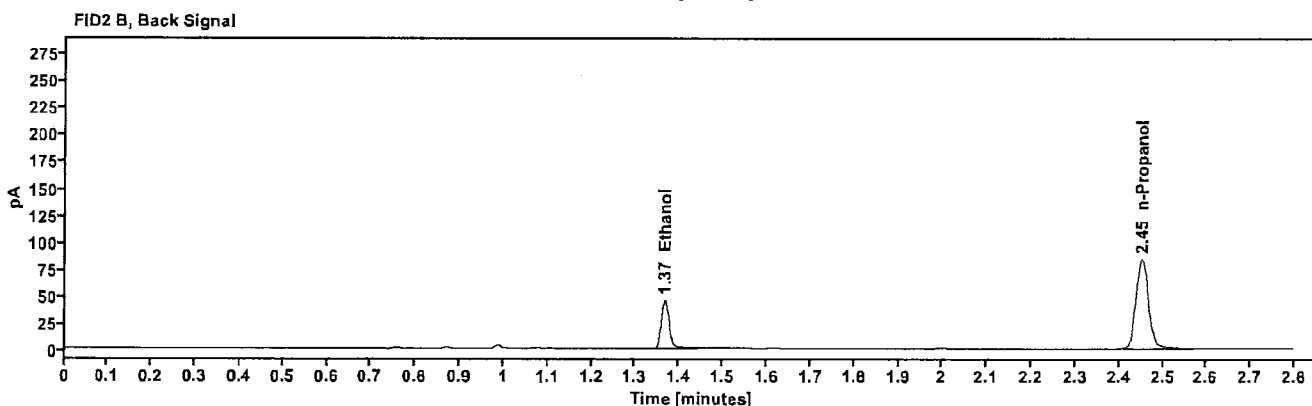
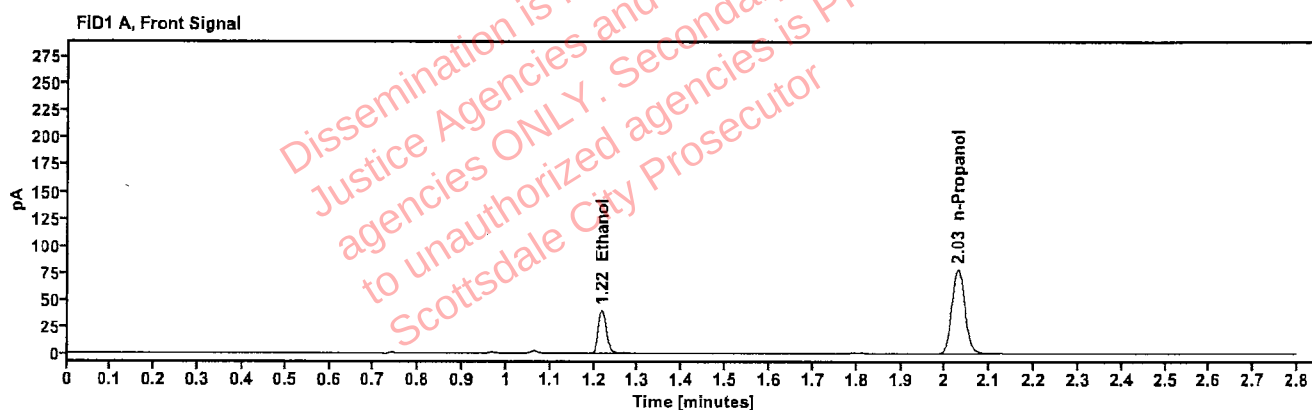


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0846	1.218	50.218
n-Propanol	—	2.028	155.515

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

Compound	Time (min)	Peak Area
Ethanol	1.366	54.601
n-Propanol	2.452	168.146

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513613-1	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 9:44:13 PM
Data file:	C:\Chem32\1\Data\16Jul25\48.D	Analyst:	Brooke

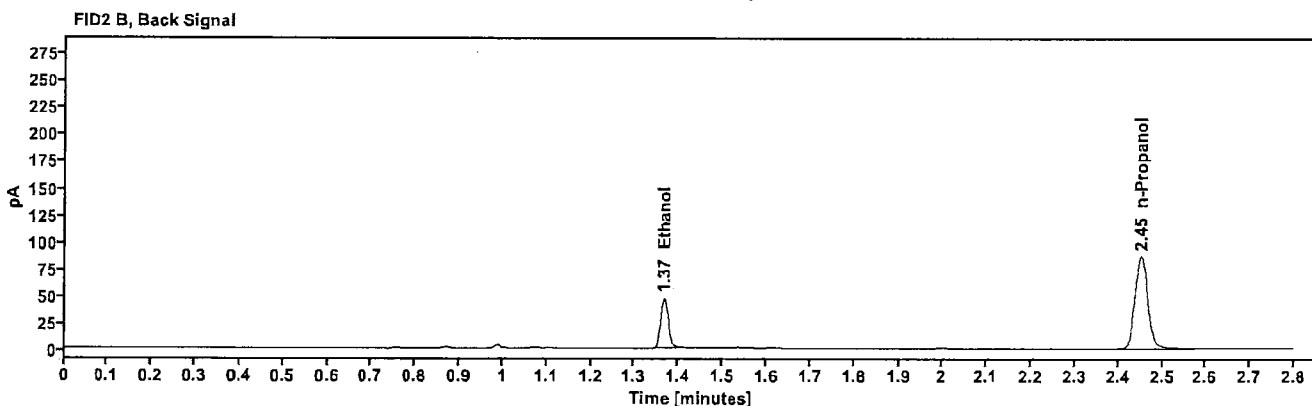
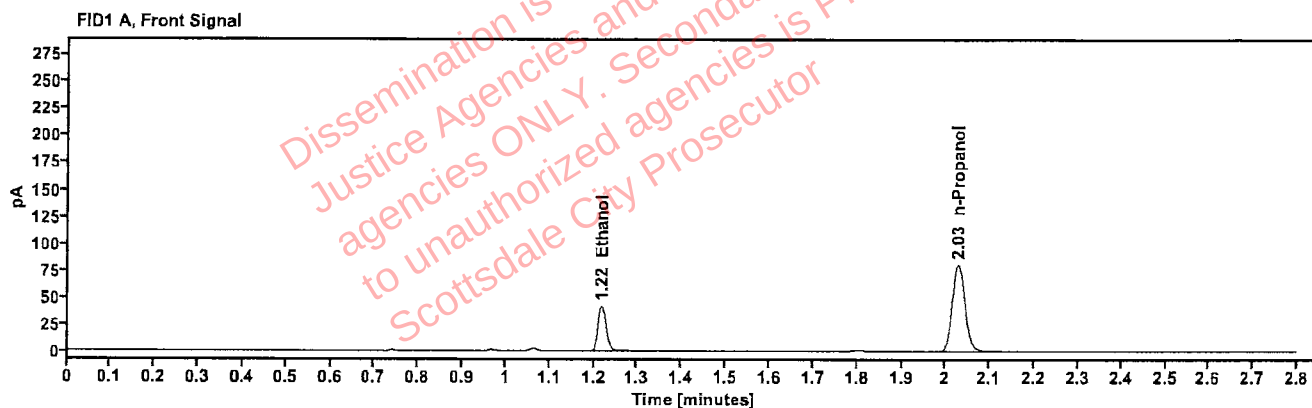


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0855	1.218	52.383
n-Propanol	-----	2.028	160.483

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

Compound	Time (min)	Peak Area
Ethanol	1.366	56.934
n-Propanol	2.452	173.486

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513166-2	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 9:48:28 PM
Data file:	C:\Chem3211\Data\16Jul25\49.D	Analyst:	Brooke

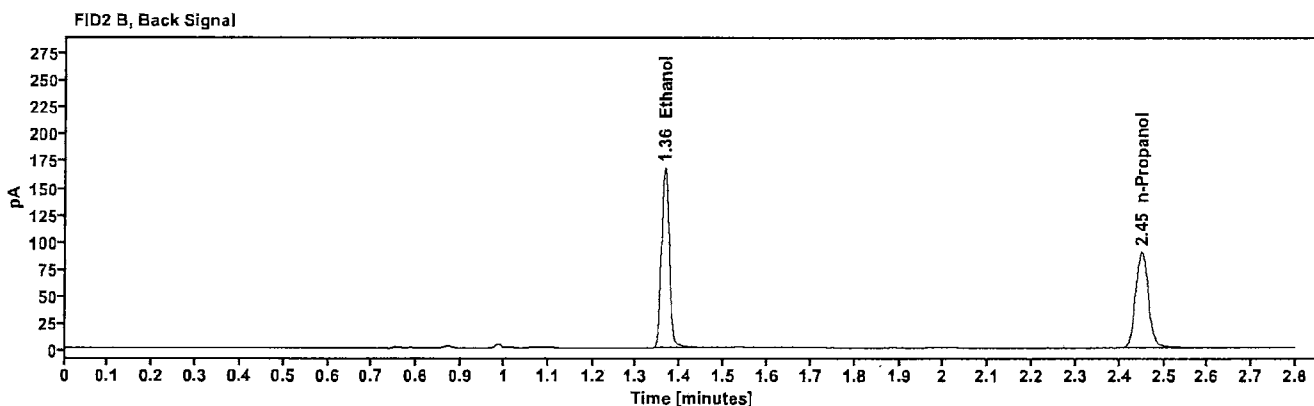
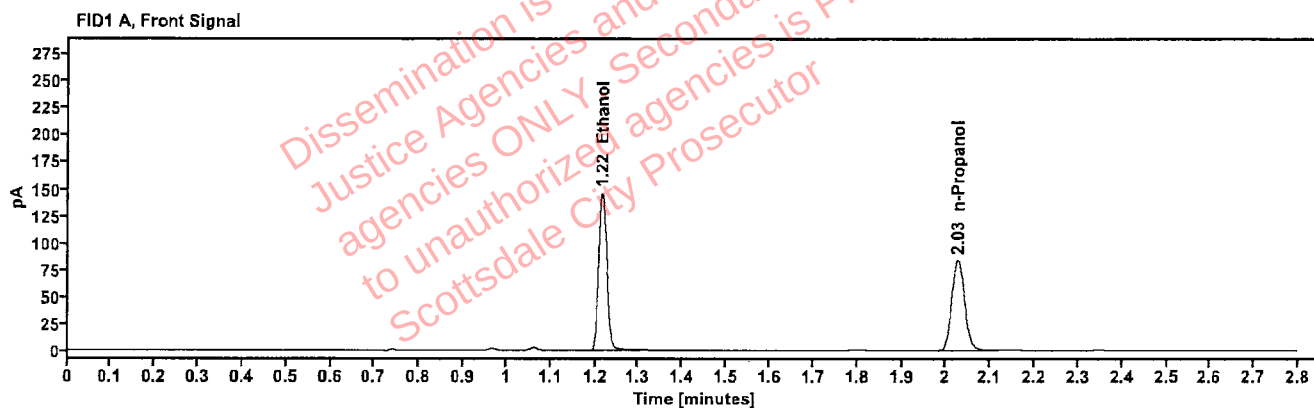


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2866	1.216	184.920
n-Propanol	---	2.027	165.991

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

Compound	Time (min)	Peak Area
Ethanol	1.365	202.950
n-Propanol	2.449	179.181

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513166-2	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 9:52:29 PM
Data file:	C:\Chem32\1\Data\16Jul25\50.D	Analyst:	Brooke

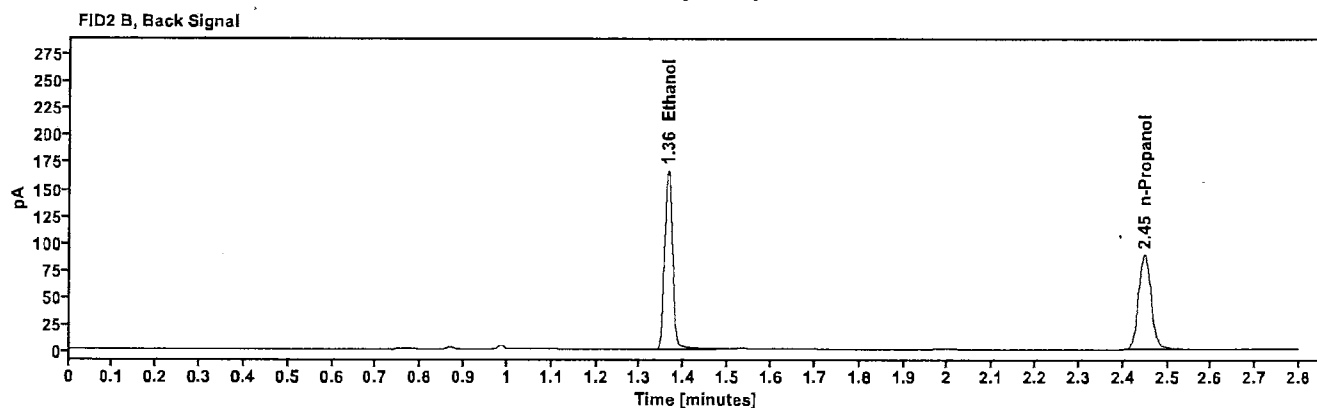
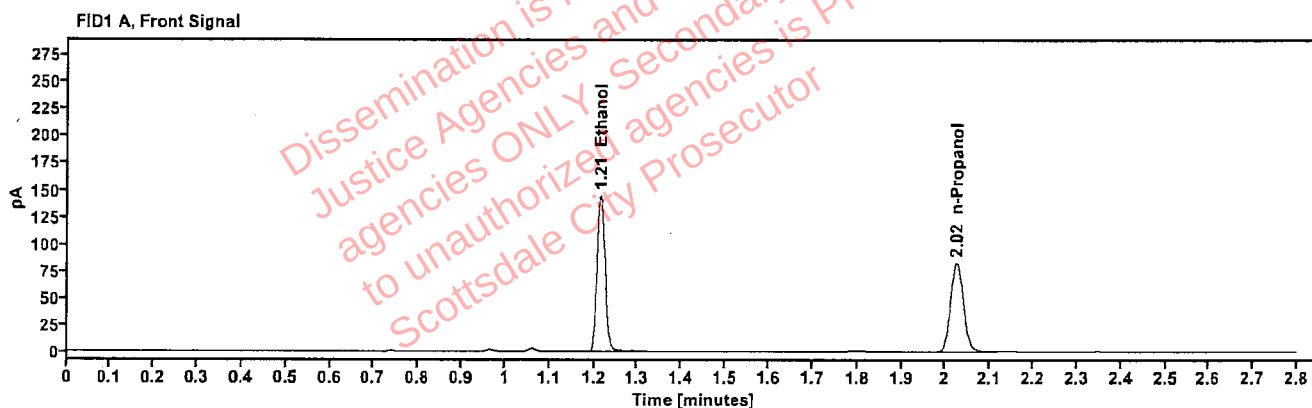


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2873	1.215	183.162
n-Propanol	-----	2.025	163.958

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

Compound	Time (min)	Peak Area
Ethanol	1.363	202.140
n-Propanol	2.448	176.740

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513477-1	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 9:56:28 PM
Data file:	C:\Chem32\1\Data\16Jul25\51.D	Analyst:	Brooke

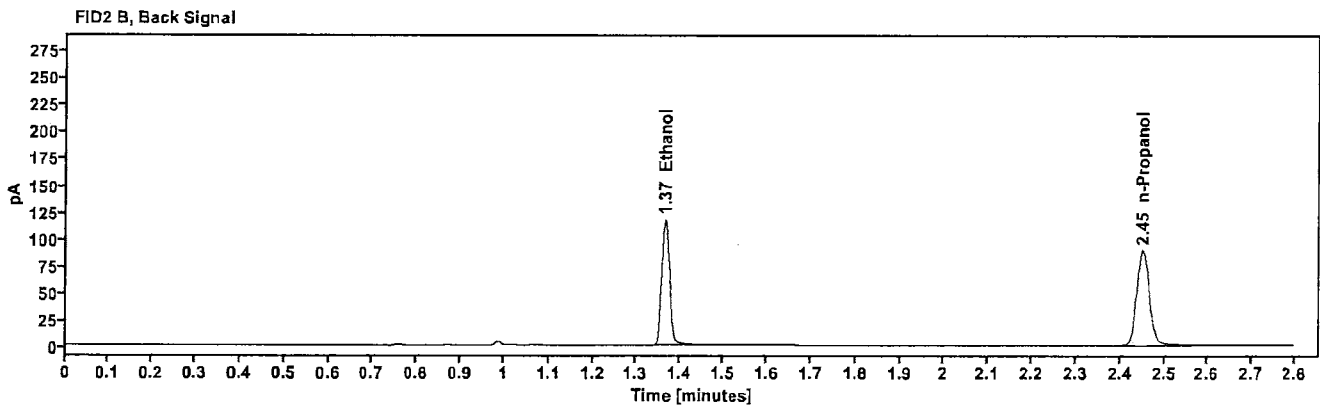
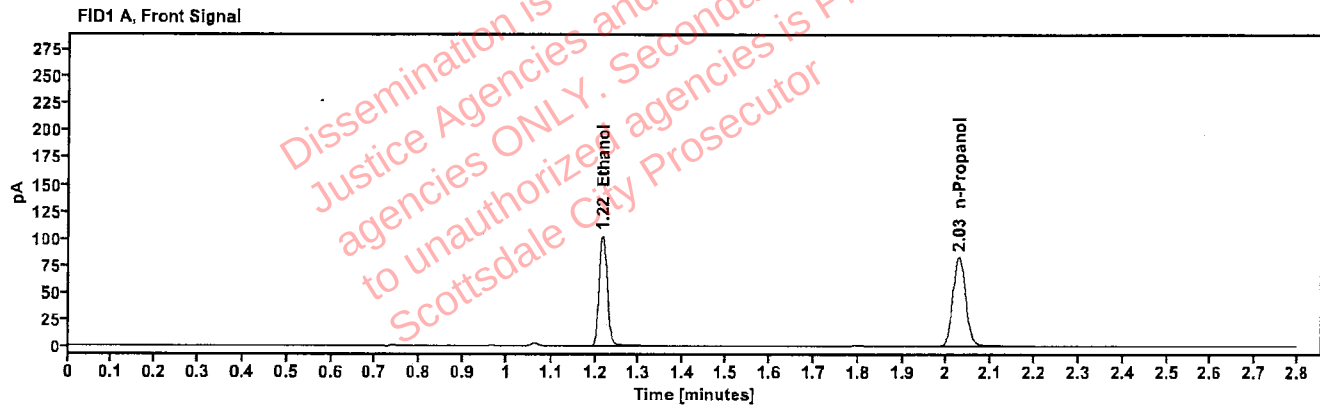


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2029	1.216	129.386
n-Propanol	-----	2.027	164.567

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

Compound	Time (min)	Peak Area
Ethanol	1.365	141.364
n-Propanol	2.451	177.326

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513477-1	Vial:	52
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 10:00:27 PM
Data file:	C:\Chem32\1\Data\16Jul25\52.D	Analyst:	Brooke

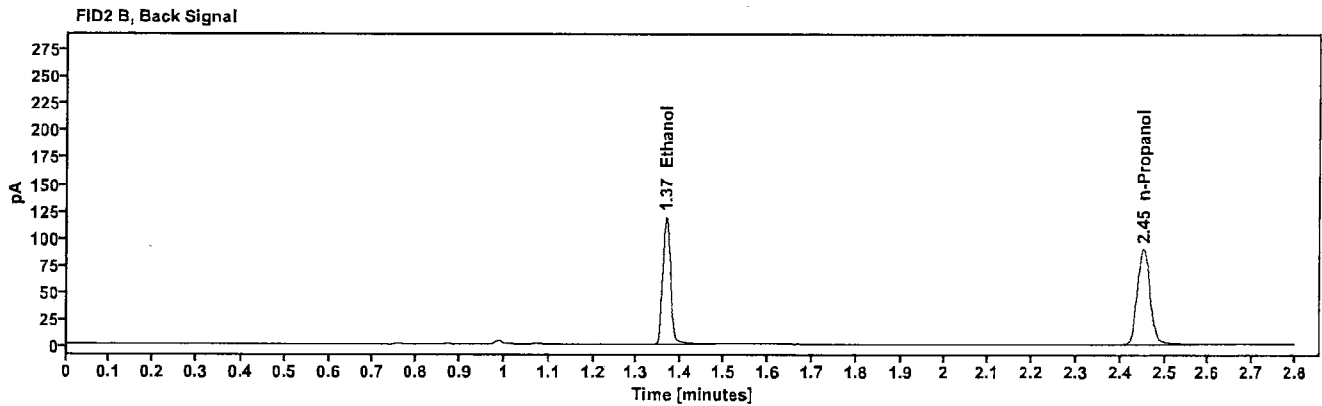
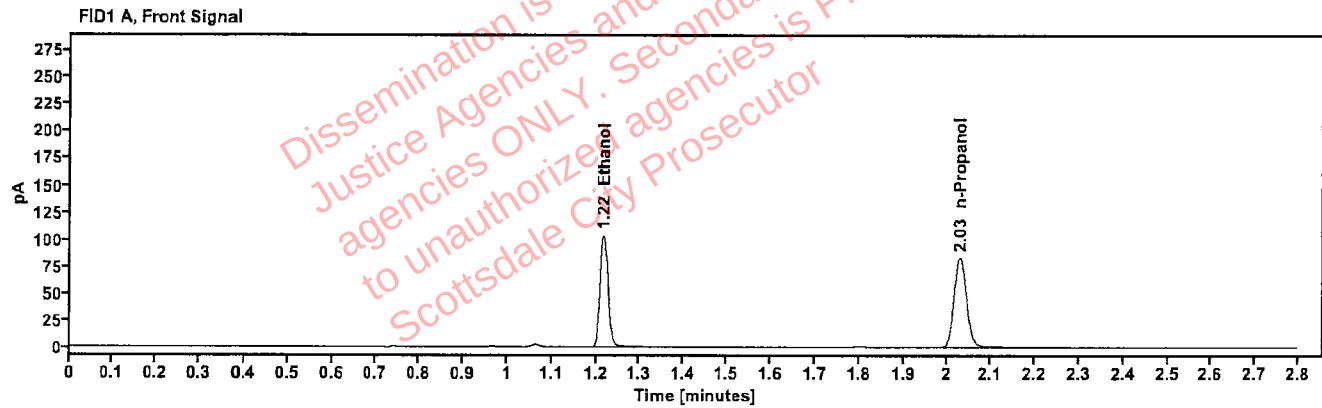


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2042	1.217	131.465
n-Propanol	---	2.028	166.131

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

Compound	Time (min)	Peak Area
Ethanol	1.366	144.427
n-Propanol	2.452	179.021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	433-01M.B.	Vial:	54
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 10:08:27 PM
Data file:	C:\Chem32\1\Data\16Jul25\54.D	Analyst:	Brooke

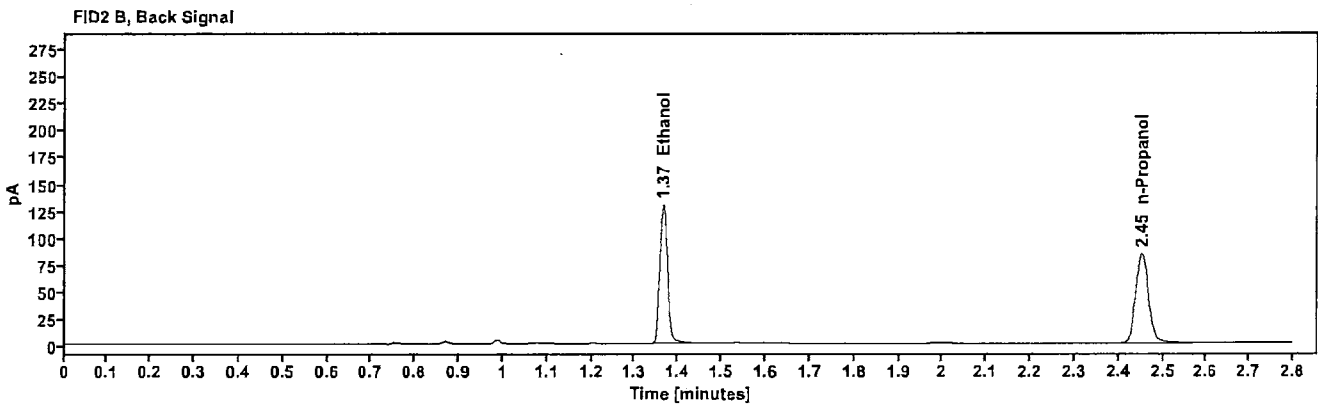
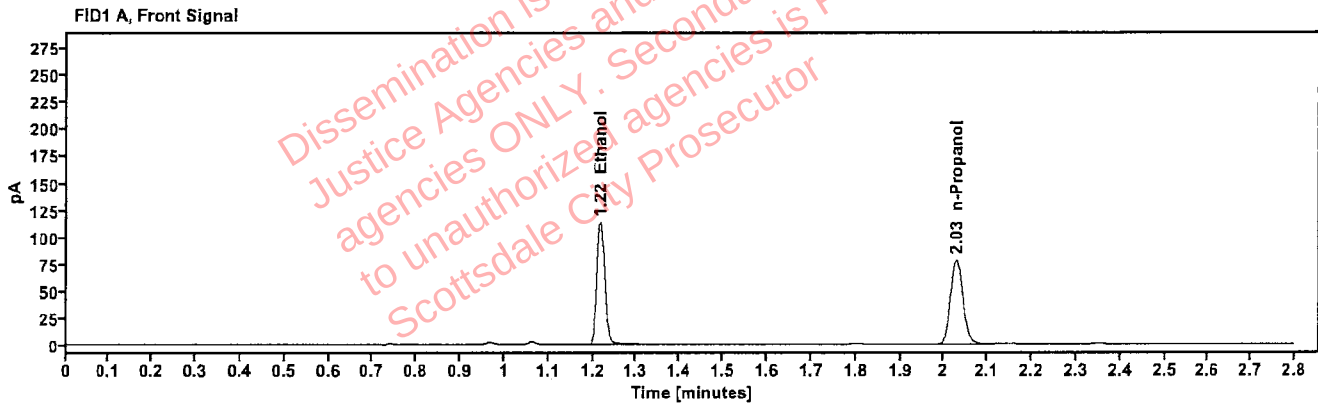


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2383	1.217	143.303
n-Propanol	---	2.029	154.926

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

Compound	Time (min)	Peak Area
Ethanol	1.366	156.791
n-Propanol	2.452	167.398

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	433-01M.B.	Vial:	55
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 10:12:43 PM
Data file:	C:\Chem32\1\Data\16Jul25\55.D	Analyst:	Brooke

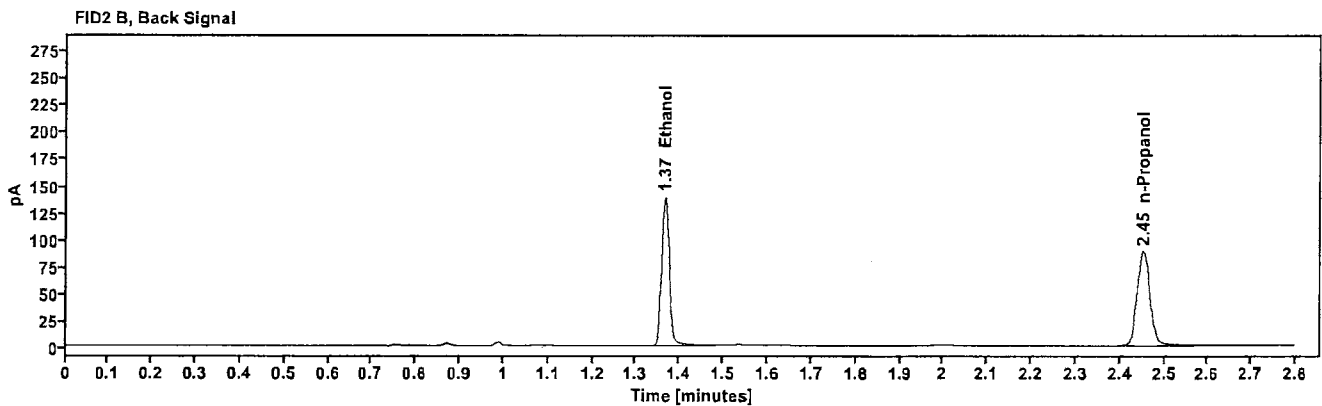
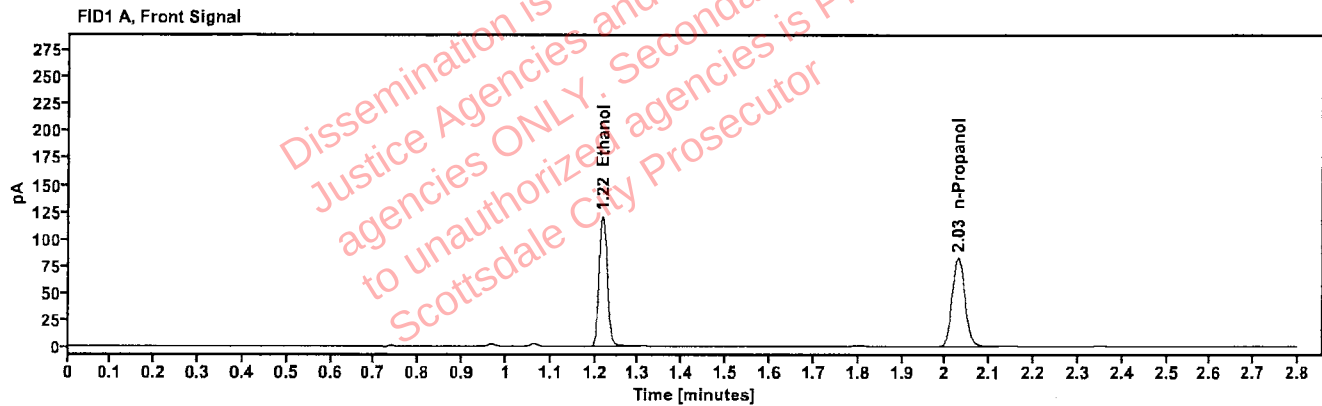


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2405	1.217	153.044
n-Propanol	-----	2.029	163.915

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

Compound	Time (min)	Peak Area
Ethanol	1.366	169.310
n-Propanol	2.452	177.308

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	394-01R.V.	Vial:	56
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 10:16:43 PM
Data file:	C:\Chem32\1\Data\16Jul25\56.D	Analyst:	Brooke

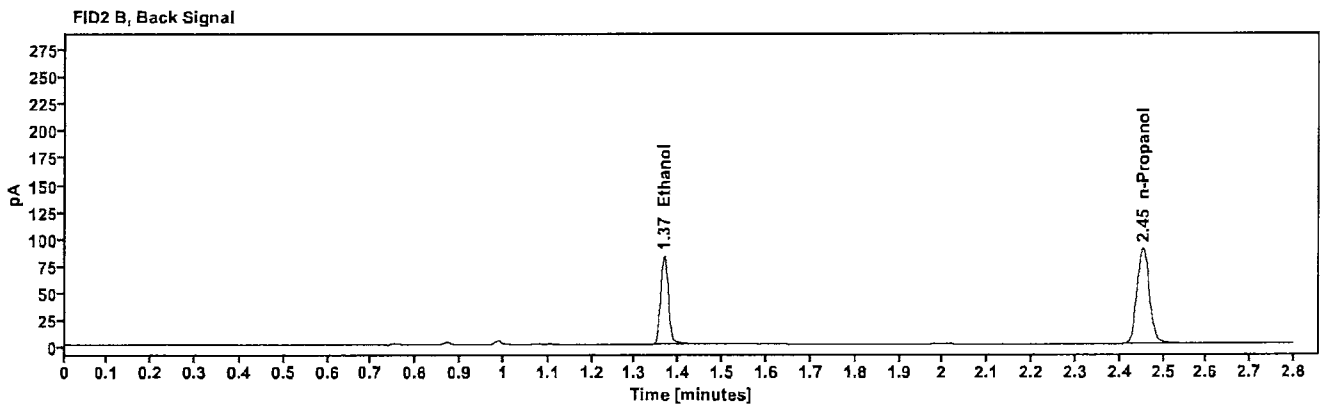
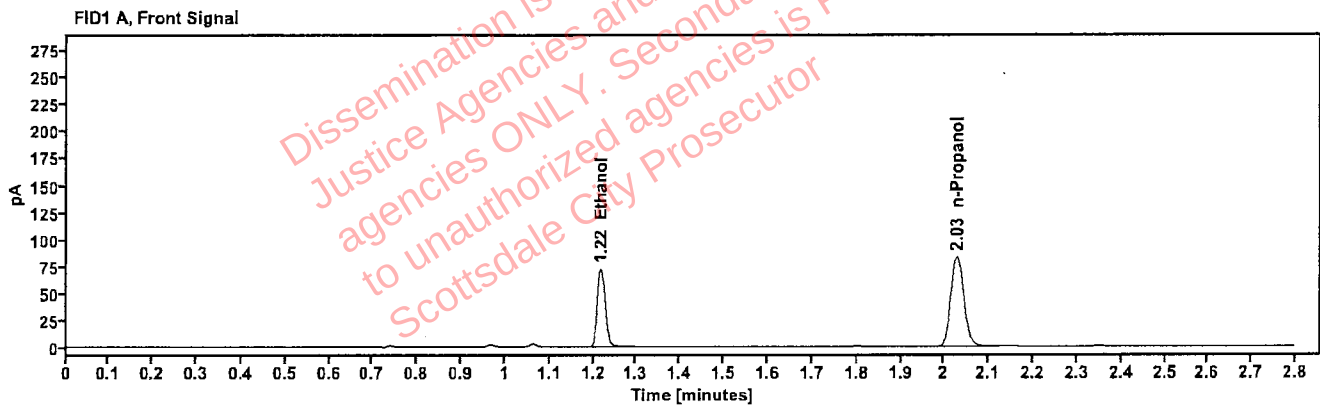


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1435	1.218	91.522
n-Propanol	-----	2.029	165.323

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

Compound	Time (min)	Peak Area
Ethanol	1.366	100.051
n-Propanol	2.452	179.103

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	394-01R.V.	Vial:	57
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 10:20:43 PM
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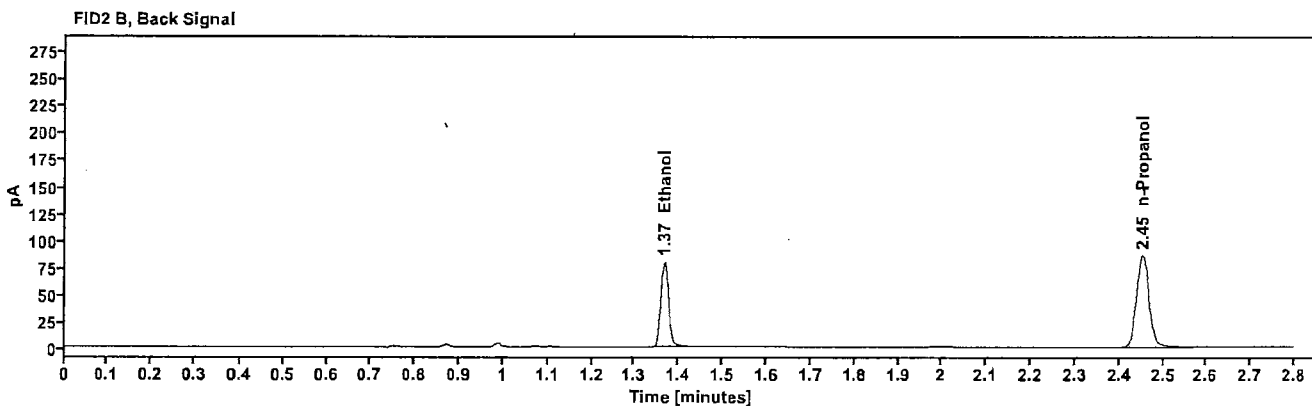
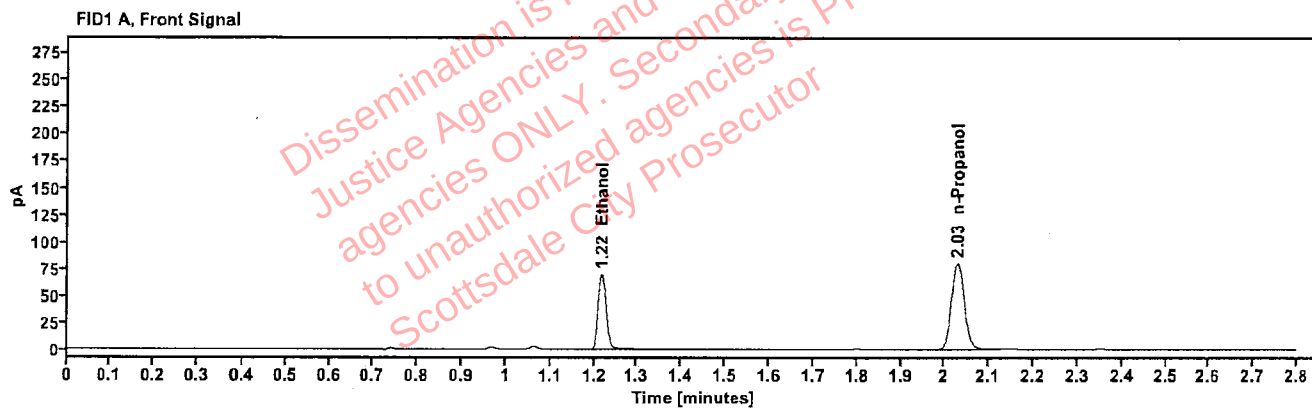


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1436	1.218	88.329
n-Propanol	—	2.029	159.441

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

Compound	Time (min)	Peak Area
Ethanol	1.366	96.471
n-Propanol	2.452	172.551

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	436-01J.G.	Vial:	58
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 10:24:43 PM
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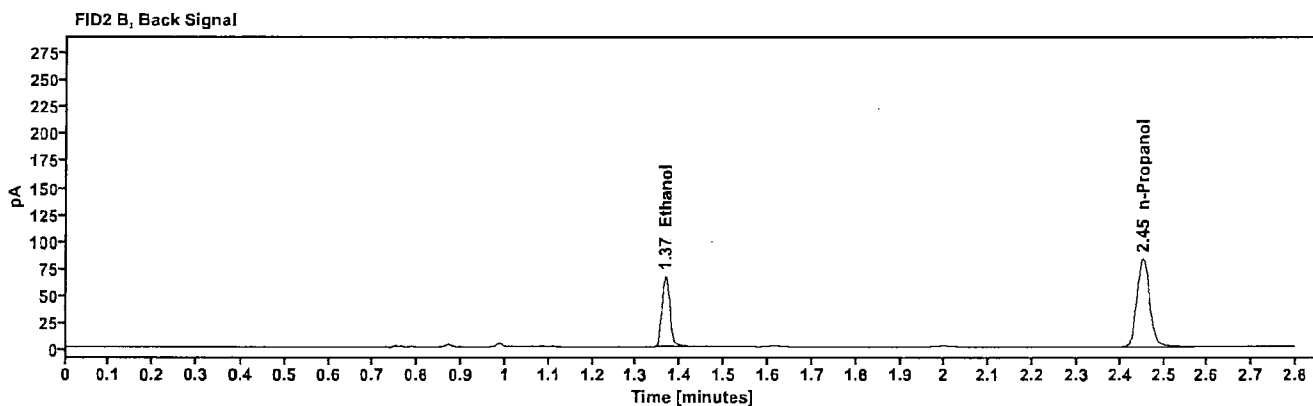
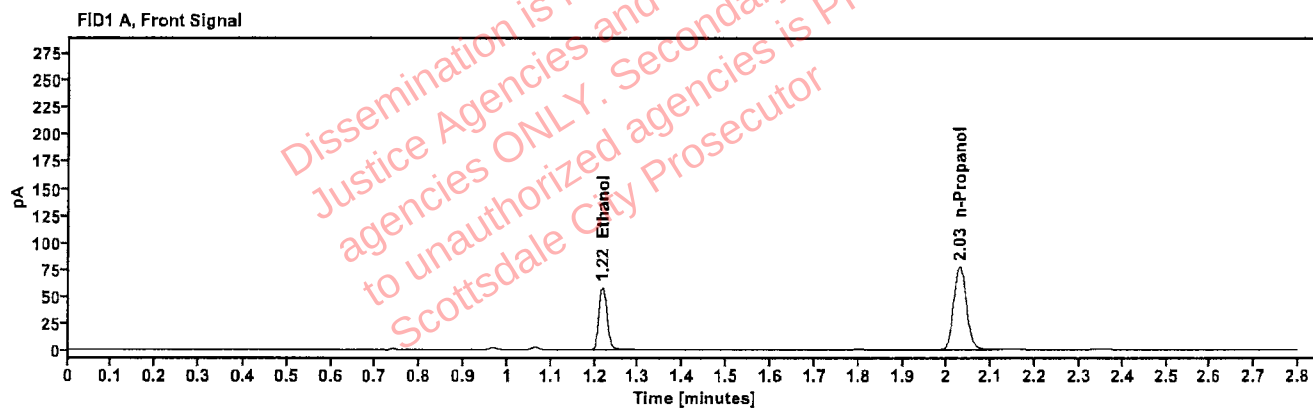


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1238	1.218	73.585
n-Propanol	-----	2.028	154.387

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

Compound	Time (min)	Peak Area
Ethanol	1.366	80.458
n-Propanol	2.452	166.550

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	436-01J.G.	Vial:	59
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 10:28:44 PM
Data file:	C:\Chem32\1\Data\16Jul25\59.D	Analyst:	Brooke

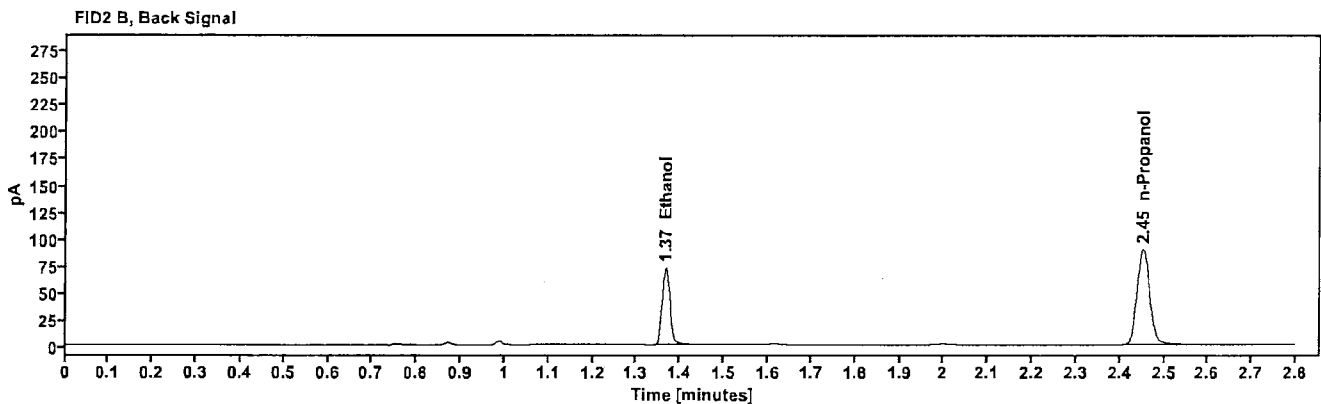
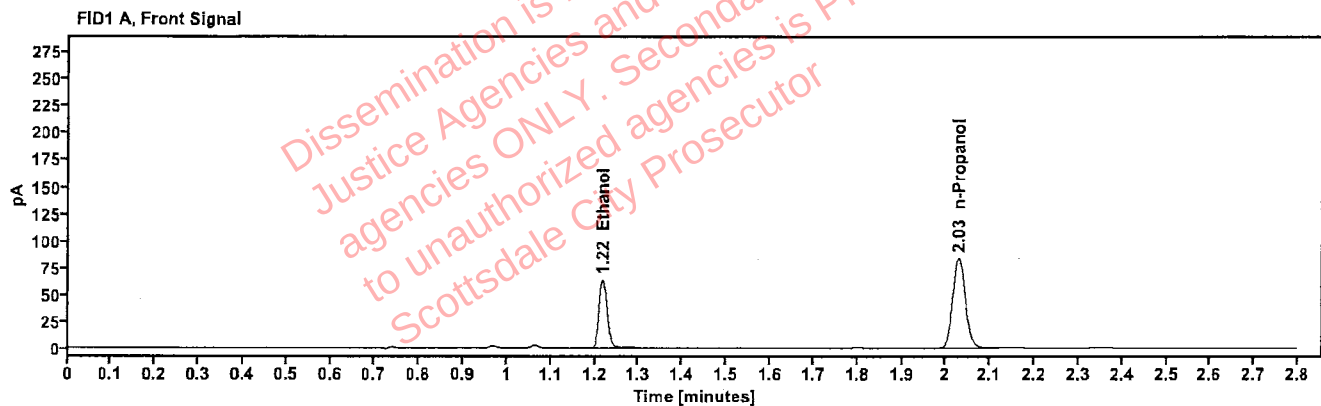


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1252	1.218	80.265
n-Propanol	—	2.029	166.554

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

Compound	Time (min)	Peak Area
Ethanol	1.366	87.764
n-Propanol	2.452	179.696

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509685-2	Vial:	60
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 10:32:43 PM
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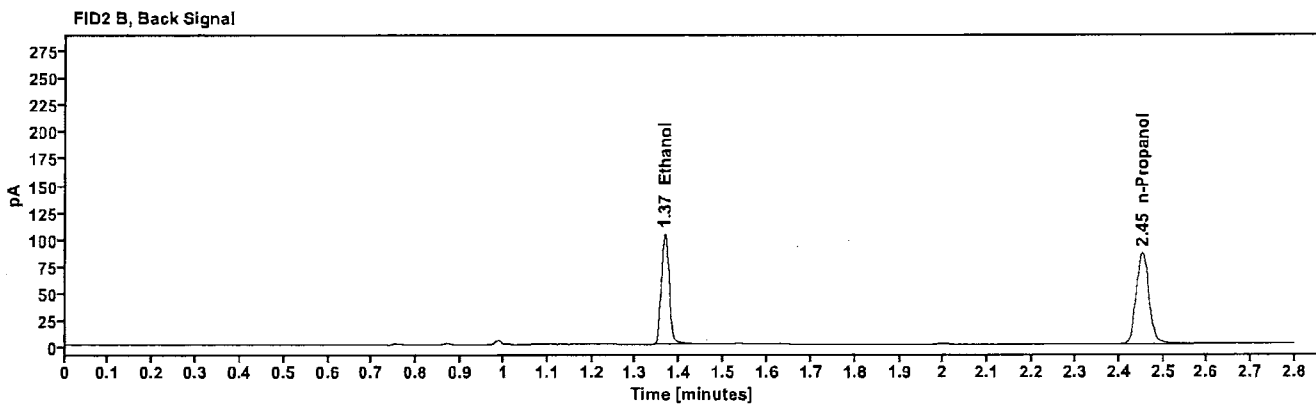
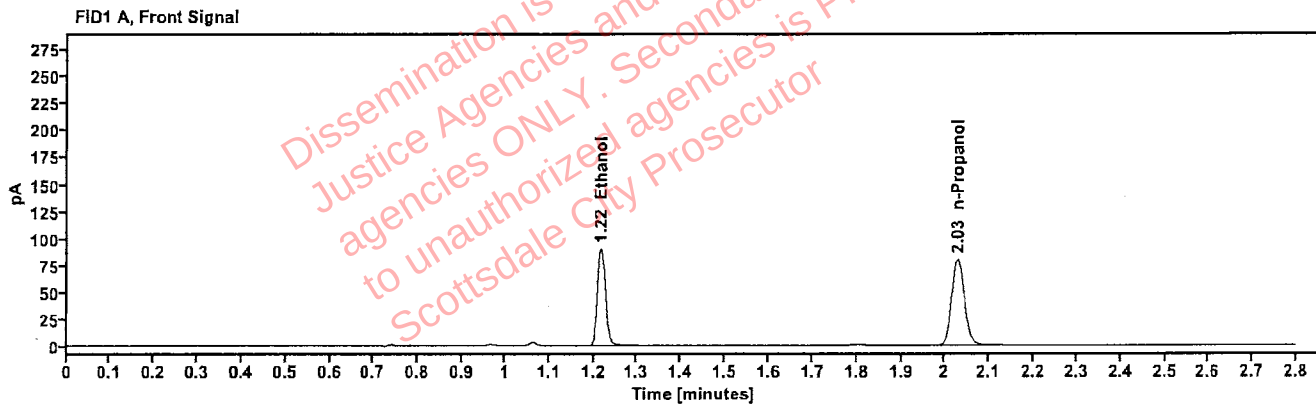


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1859	1.217	114.489
n-Propanol	---	2.029	159.054

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

Compound	Time (min)	Peak Area
Ethanol	1.366	124.801
n-Propanol	2.452	171.513

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509685-2	Vial:	61
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 10:36:58 PM
Data file:	C:\Chem32\1\Data\16Jul25\61.D	Analyst:	Brooke

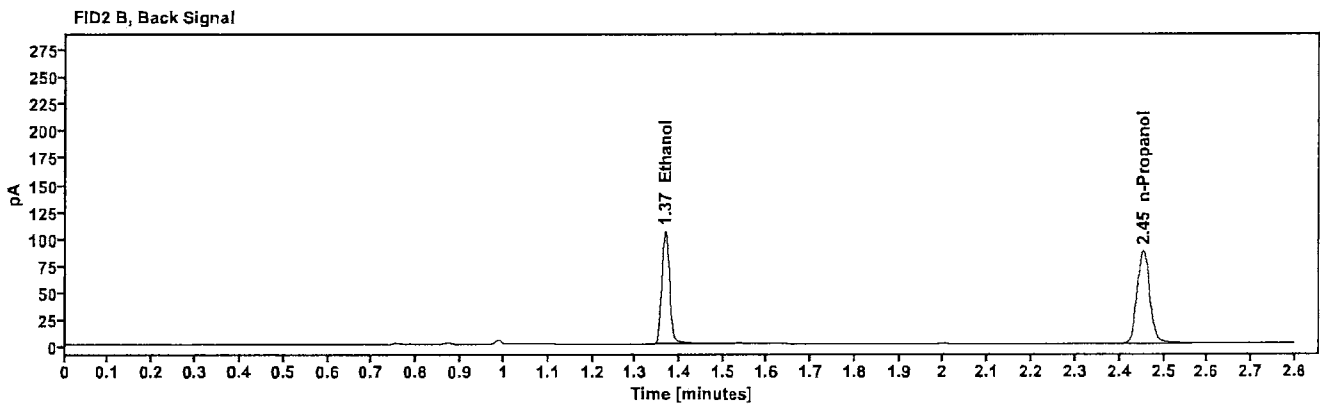
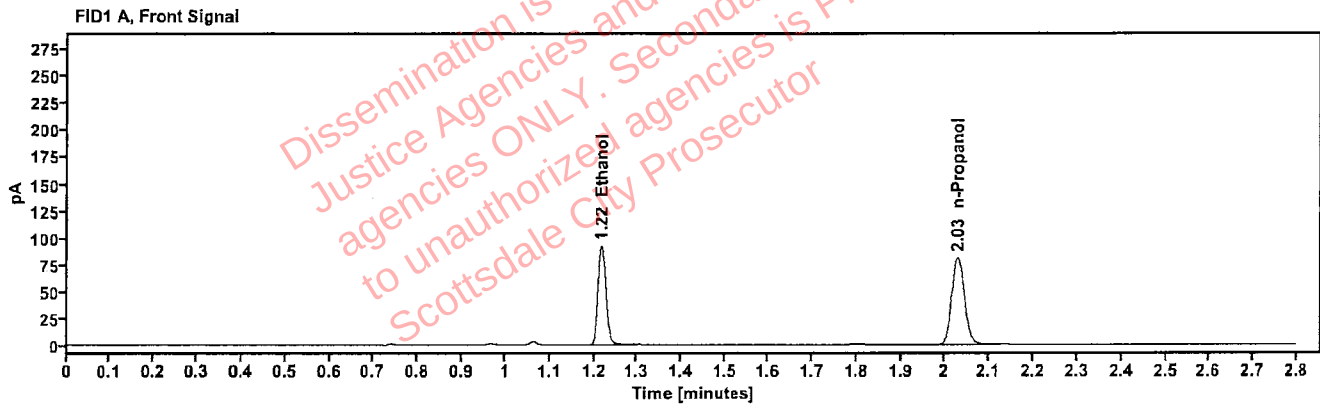


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1866	1.217	116.527
n-Propanol	---	2.029	161.259

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

Compound	Time (min)	Peak Area
Ethanol	1.366	127.199
n-Propanol	2.453	173.732

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513889-2	Vial:	62
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 10:40:57 PM
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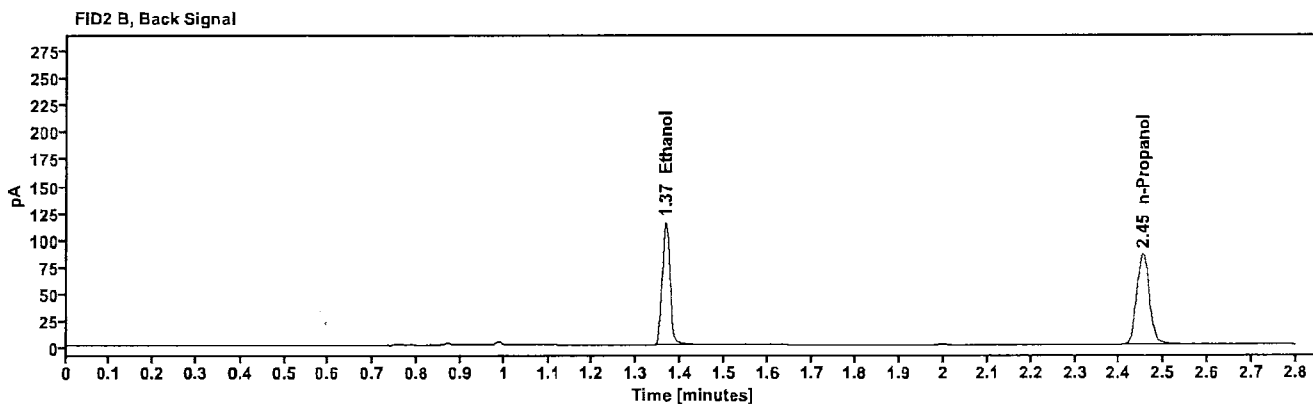
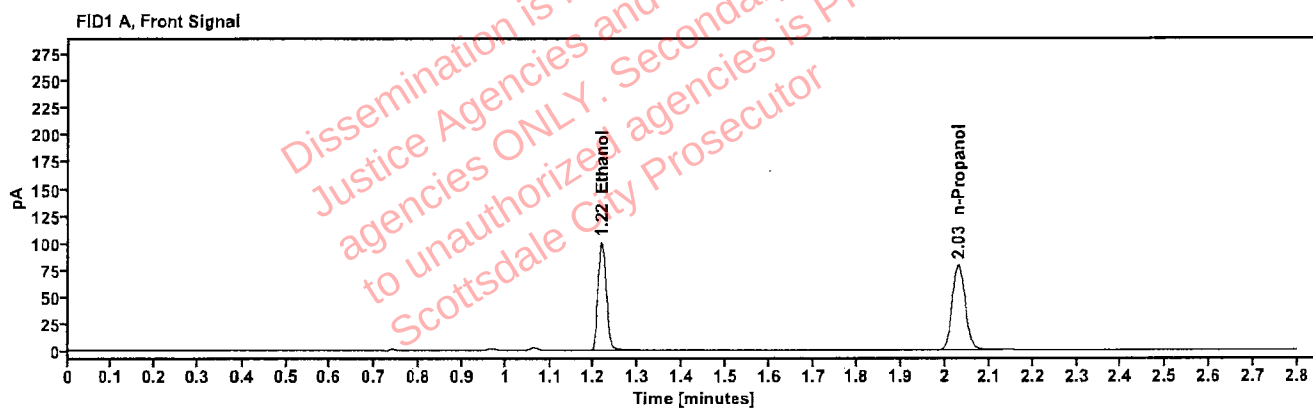


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2075	1.217	126.719
n-Propanol	-----	2.029	157.540

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

Compound	Time (min)	Peak Area
Ethanol	1.366	138.421
n-Propanol	2.452	169.936

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513889-2	Vial:	63
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Jul25
Instrument:	US14173023 CN14160045	Injection date:	7/16/2025 10:44:58 PM
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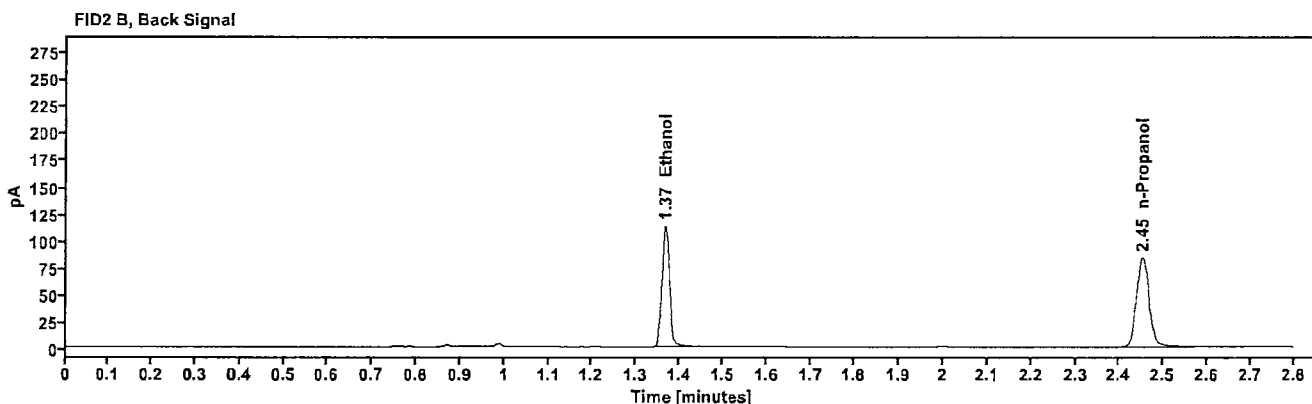
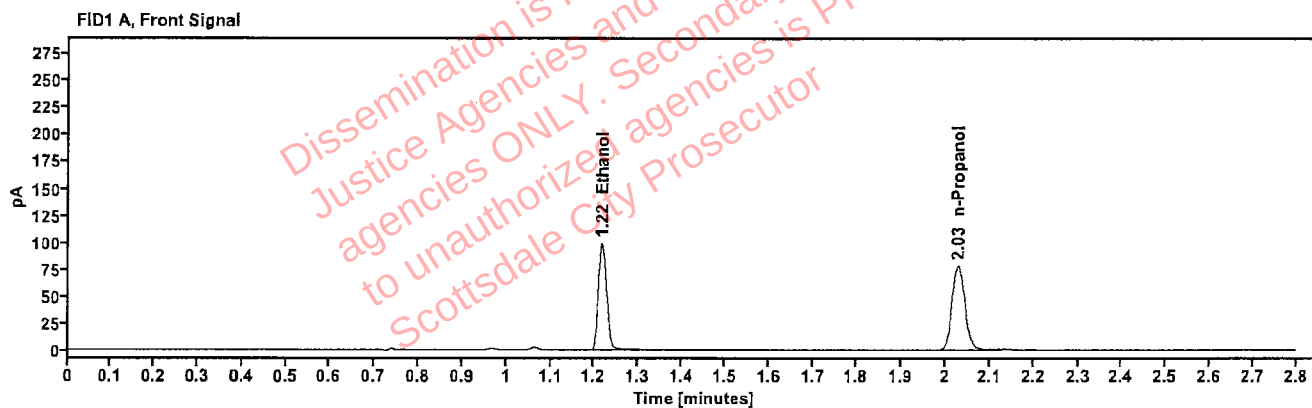


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2073	1.217	125.367
n-Propanol	---	2.029	155.975

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

Compound	Time (min)	Peak Area
Ethanol	1.366	137.077
n-Propanol	2.452	168.277