

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 12/17/2024

SEQUENCE NAME 17Dec24

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600EA20851
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN03072301 0.99983
 Vial 3 0.20 calibrator Lot FN03132302
 Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 111224WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
9	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/11
20	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 517758
31	Aqueous control	0.100 g/dL	0.103 g/dL	Lipomed 517758
42	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/11
53	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 517758
64	Aqueous control	0.400 g/dL	0.405 g/dL	Lipomed 12052023-B
65	Aqueous control	0.040 g/dL	0.042 g/dL	Lipomed 518018
66	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/11
67	Blank	Not detected	Not detected	SPD lab 090524AQ

SUBJECT SAMPLES

Subjects in the sequence 25 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Phoebe Book Analyst
 Run valid Run invalid Erika Camonico Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

FB

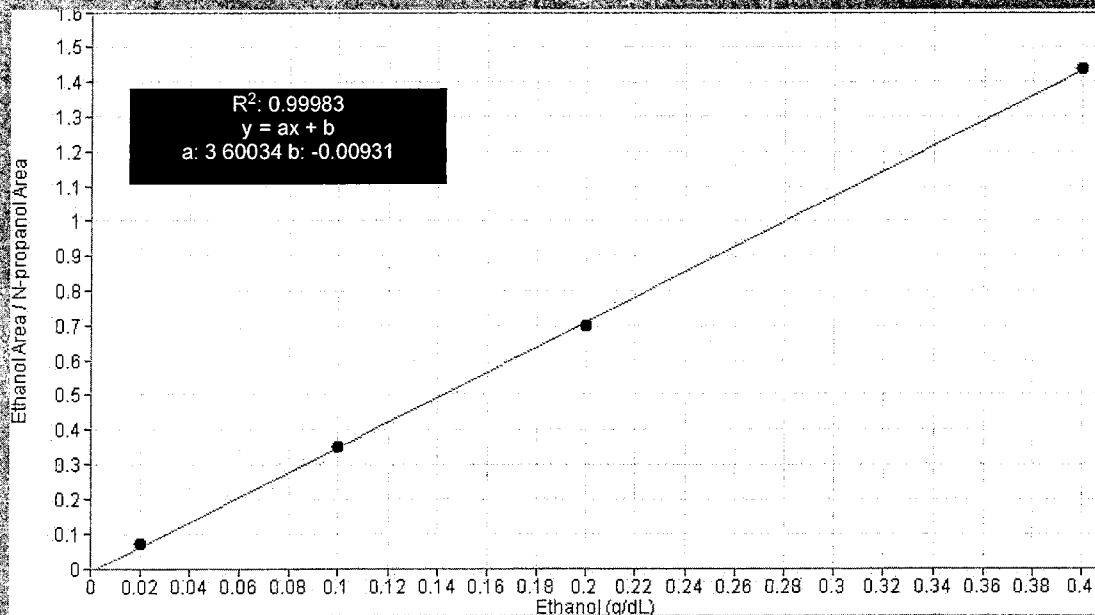
SEQUENCE NAME: 17Dec24

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	0.400	0.400	0.00	0.000
0.040 518018	8	0.041	0.040	2.50	0.001
0.199 4110320133/11	9	0.203	0.199	2.01	0.004
0.100 517758	20	0.100	0.100	0.00	0.000
0.100 517758	31	0.103	0.100	3.00	0.003
0.199 4110320133/11	42	0.202	0.199	1.51	0.003
0.100 517758	53	0.101	0.100	1.00	0.001
0.400 12052023-B	64	0.405	0.400	1.25	0.005
0.040 518018	65	0.042	0.040	5.00	0.002
0.199 4110320133/11	66	0.202	0.199	1.51	0.003
blank 090524AQ	67	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.899	172.646	0.069
0.100	59.776	170.908	0.350
0.200	118.139	168.676	0.700
0.400	244.556	170.311	1.436

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

13

Sample:	FN03122113	Vial:	1
Description:	0.020 calibrator	Sequence:	17Dec24
Method:	ethanol quant.M	Injection date:	12/17/2024 12:47:17 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\17Dec24\1.D		

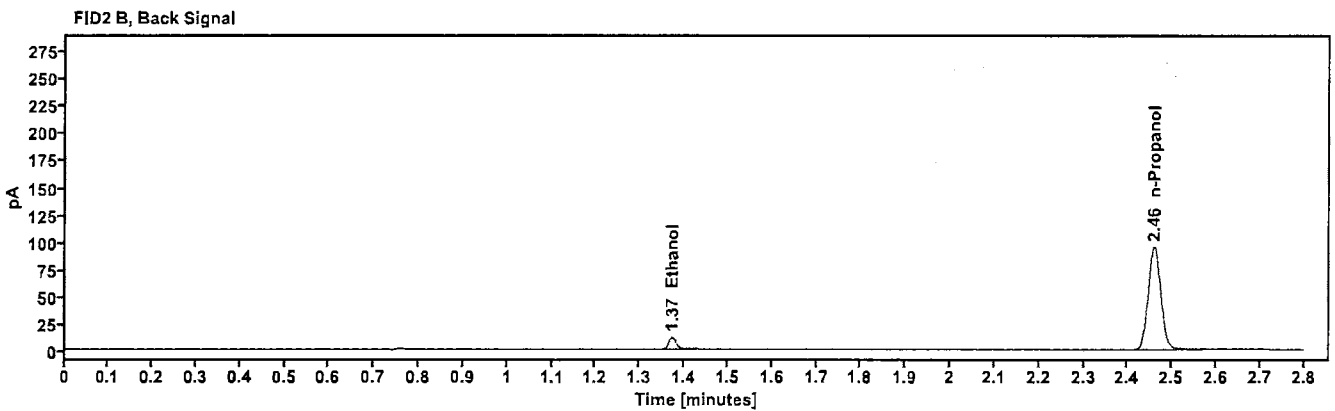
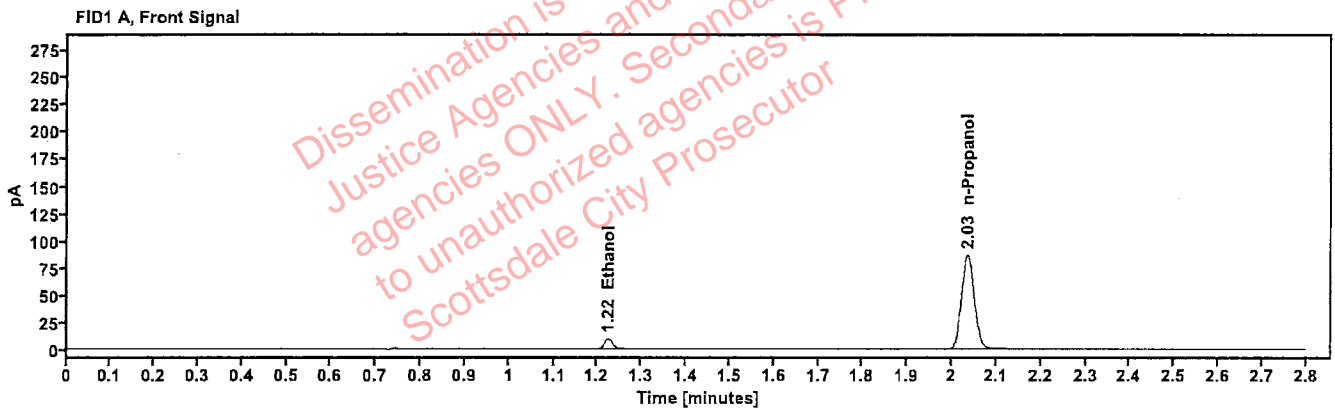


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	11.899
n-Propanol	2.035	172.646

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

Compound	Time (min)	Peak Area
Ethanol	1.372	13.099
n-Propanol	2.460	188.065

Scottsdale Police Department Crime Lab Volatiles Analysis

78

Sample: FN03072301	Vial: 2
Description: 0.100 calibrator	Sequence: 17Dec24
Method: ethanol quant.M	Injection date: 12/17/2024 12:51:16 PM
Instrument: US14173023 CN14160045	Analyst: Brooke
Data file: C:\Chem32\1\Data\17Dec24\2.D	

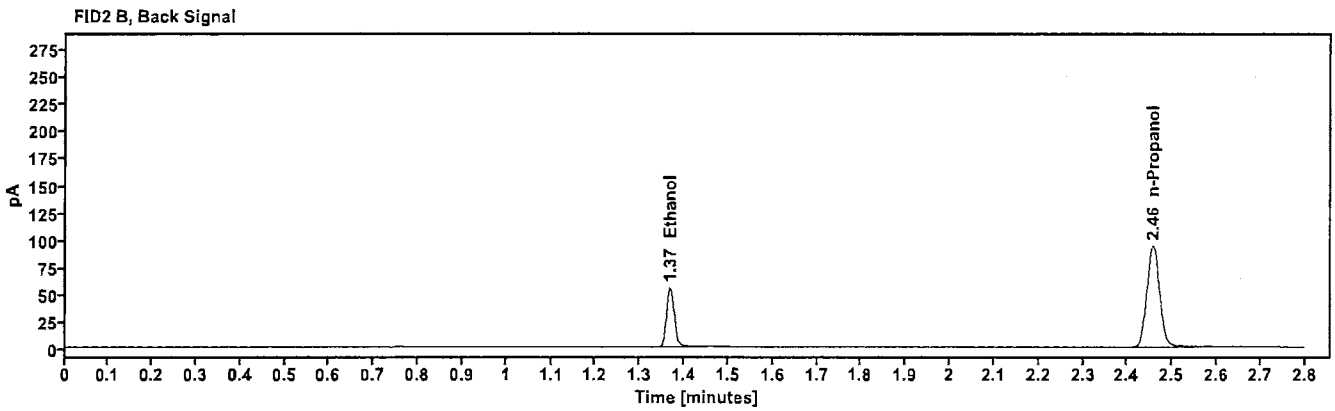
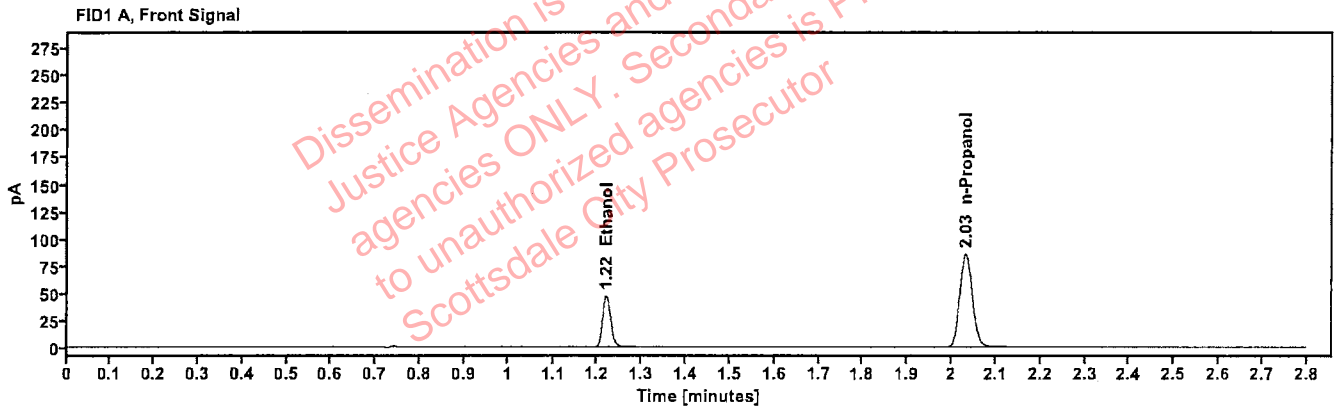


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.219	59.776
n-Propanol	2.032	170.908

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

Compound	Time (min)	Peak Area
Ethanol	1.367	65.765
n-Propanol	2.456	185.916

Scottsdale Police Department Crime Lab Volatiles Analysis

75

Sample: FN03132302	Vial: 3
Description: 0.200 calibrator	Sequence: 17Dec24
Method: ethanol quant.M	Injection date: 12/17/2024 12:55:17 PM
Instrument: US14173023 CN14160045	Analyst: Brooke
Data file: C:\Chem32\1\Data\17Dec24\3.D	

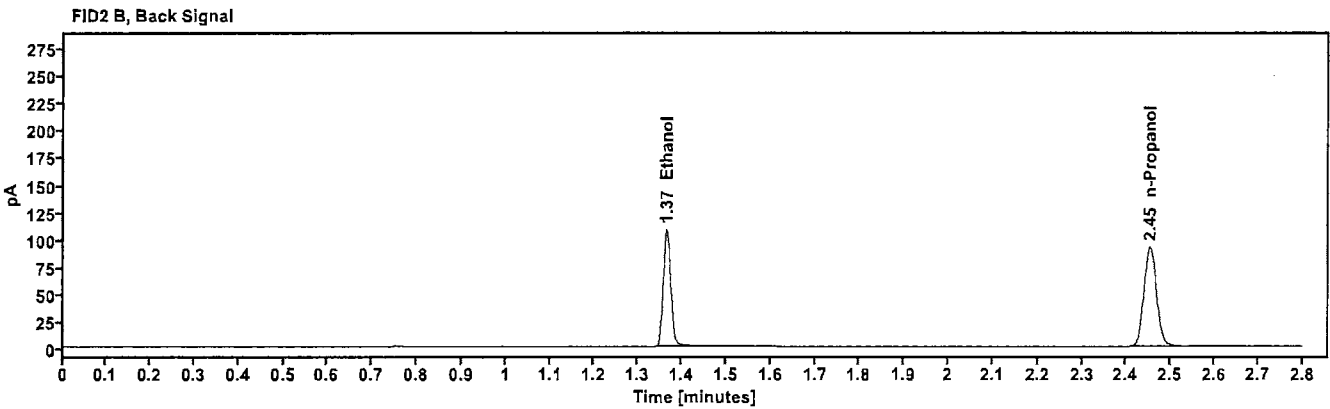
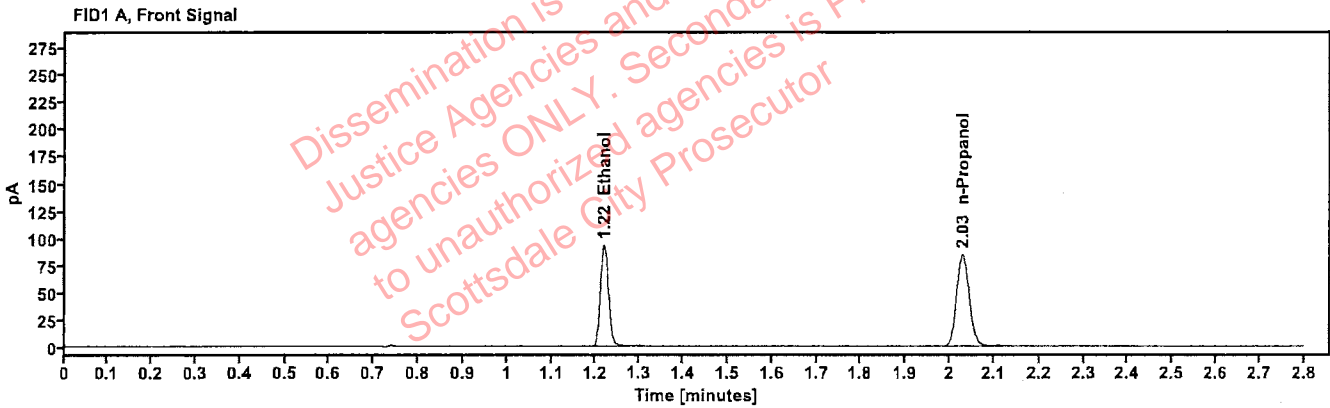


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.217	118.139
n-Propanol	2.029	168.676

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

Compound	Time (min)	Peak Area
Ethanol	1.365	129.777
n-Propanol	2.453	183.079

Scottsdale Police Department Crime Lab Volatiles Analysis

B

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	17Dec24
Method:	ethanol quant.M	Injection date:	12/17/2024 12:59:17 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\17Dec24\4.D		

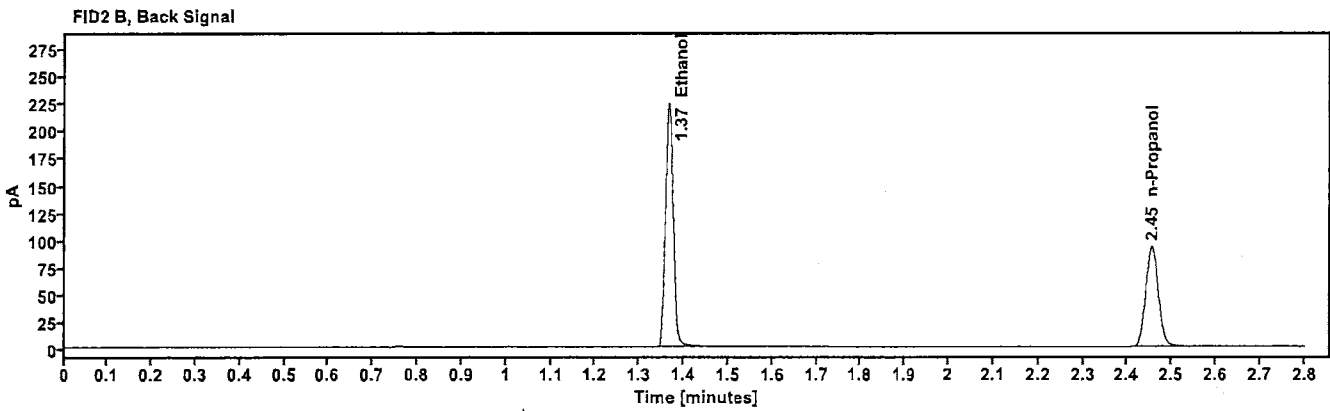
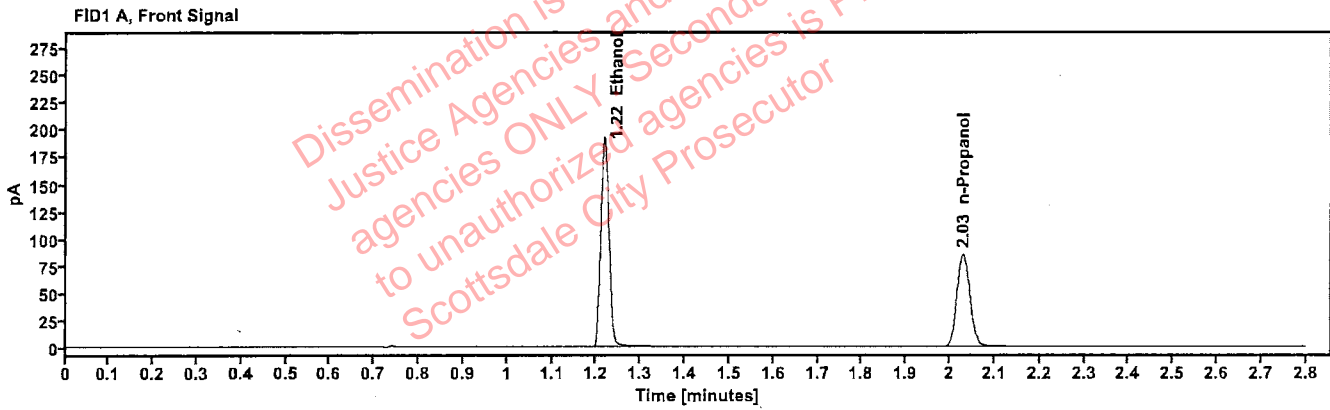


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.217	244.556
n-Propanol	2.030	170.311

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

Compound	Time (min)	Peak Area
Ethanol	1.367	269.512
n-Propanol	2.454	184.696

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111224WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 1:03:17 PM
Data file:	C:\Chem32\1\Data\17Dec24\5.D	Analyst:	Brooke

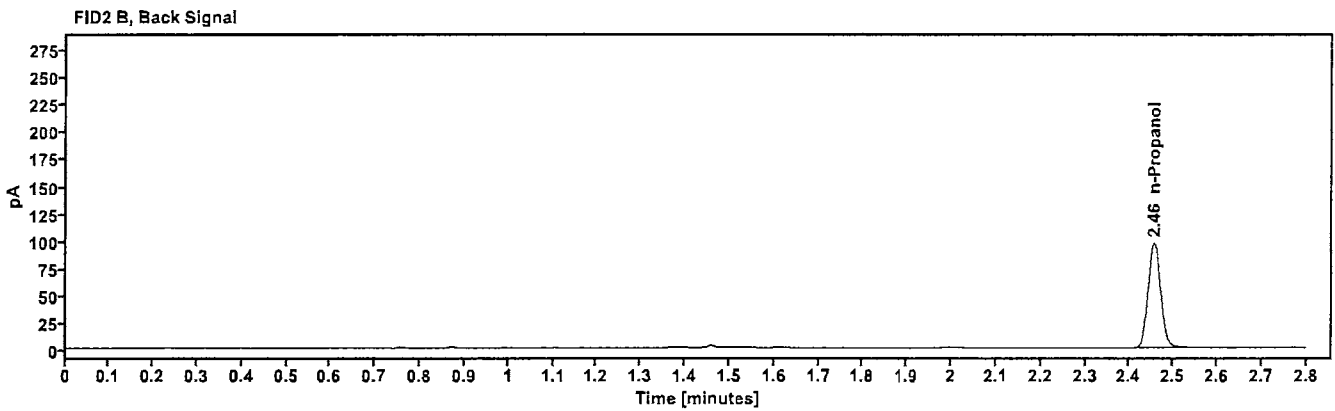
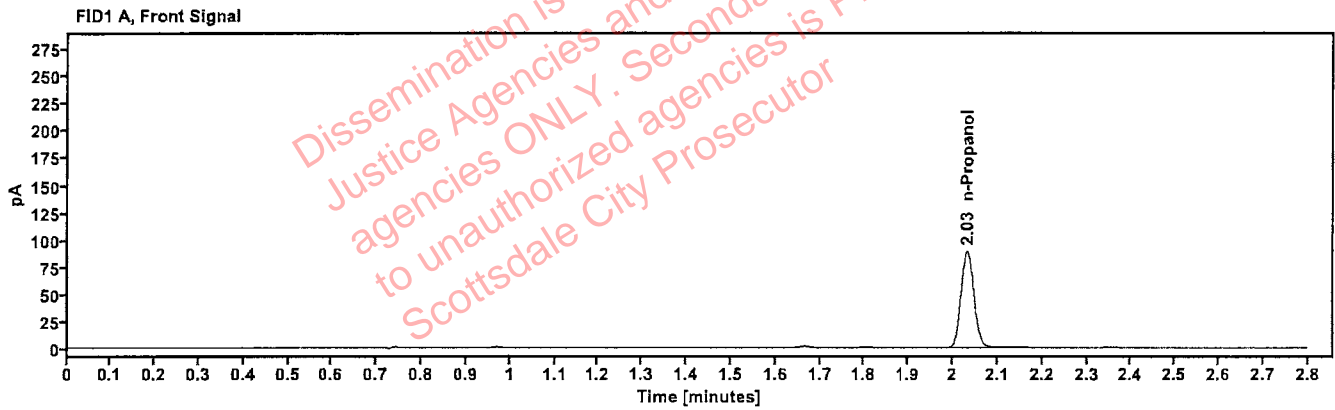


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.032	177.258

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

Compound	Time (min)	Peak Area
n-Propanol	2.456	192.843

Scottsdale Police Department Crime Lab Volatiles Analysis

B

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 1:07:17 PM
Data file:	C:\Chem32\1\Data\17Dec24\6.D	Analyst:	Brooke

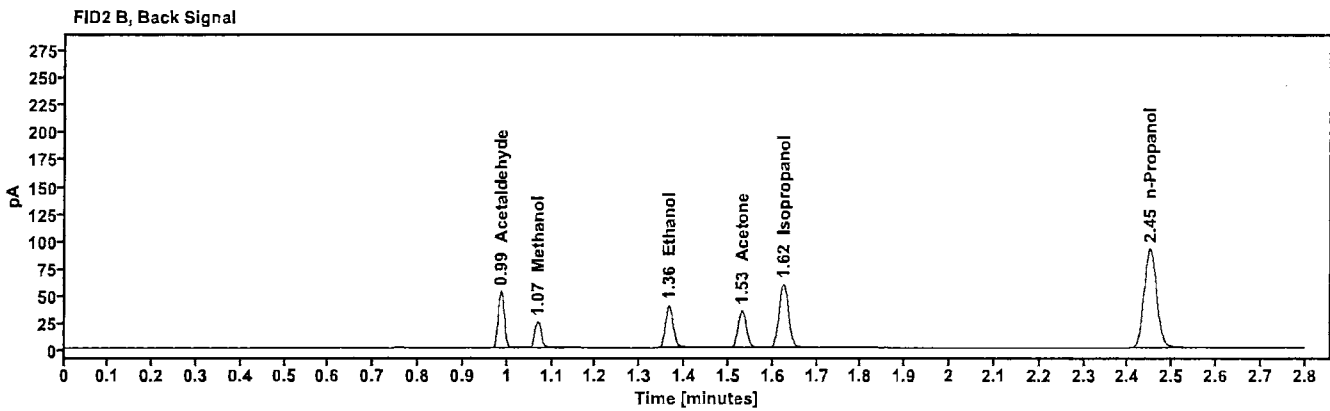
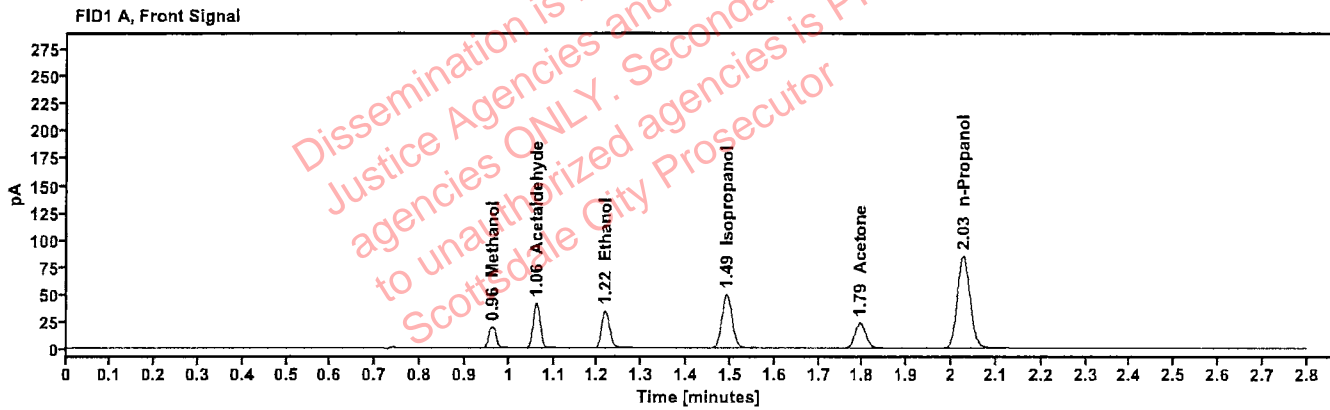


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.962	22.419
Acetaldehyde	-----	1.061	45.449
>Ethanol	0.0738	1.217	43.478
Isopropanol	-----	1.492	79.116
Acetone	-----	1.794	40.382
n-Propanol	-----	2.027	169.512

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	50.965
Methanol	1.068	25.035
Ethanol	1.364	47.552
Acetone	1.530	44.544
Isopropanol	1.624	87.266
n-Propanol	2.450	183.767

Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample:	12052023-B	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 1:11:32 PM
Data file:	C:\Chem32\1\Data\17Dec24\7.D	Analyst:	Brooke

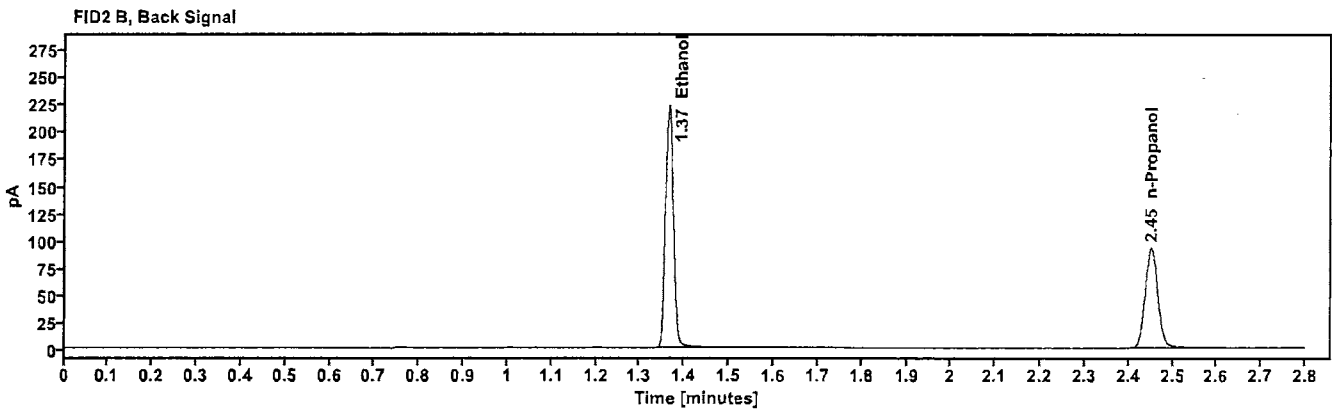
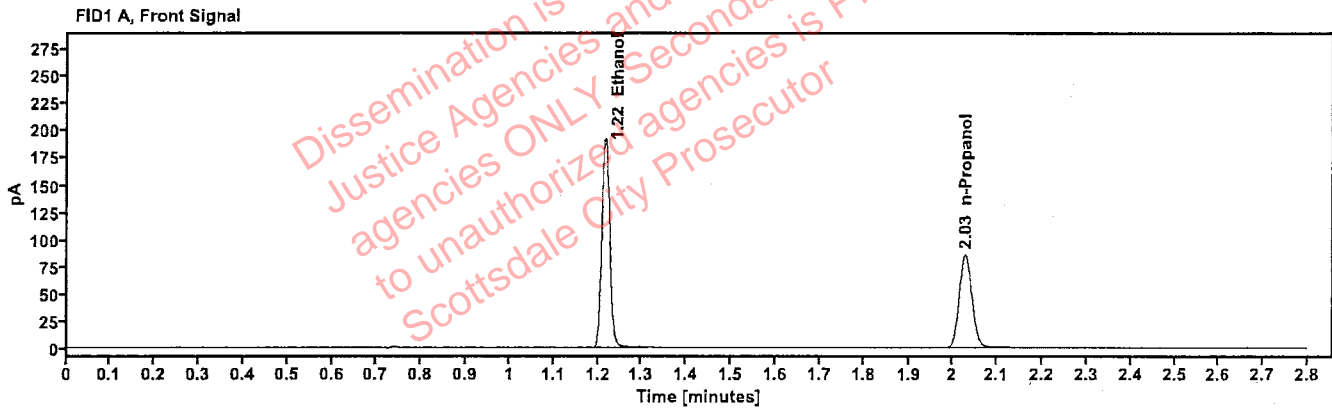


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4001	1.216	243.946
n-Propanol	-----	2.028	170.456

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

Compound	Time (min)	Peak Area
Ethanol	1.365	268.585
n-Propanol	2.452	184.758

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 1:15:31 PM
Data file:	C:\Chem32\1\Data\17Dec24\8.D	Analyst:	Brooke

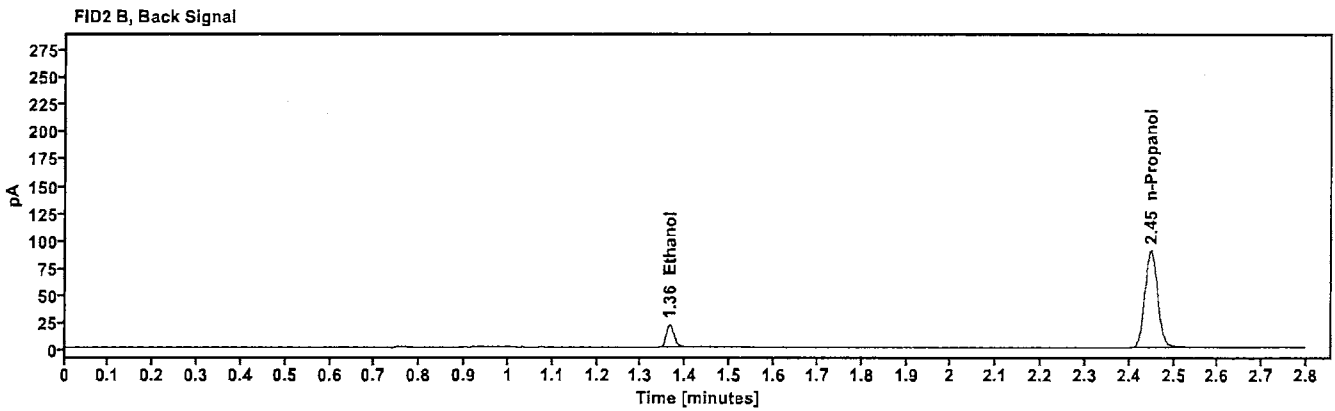
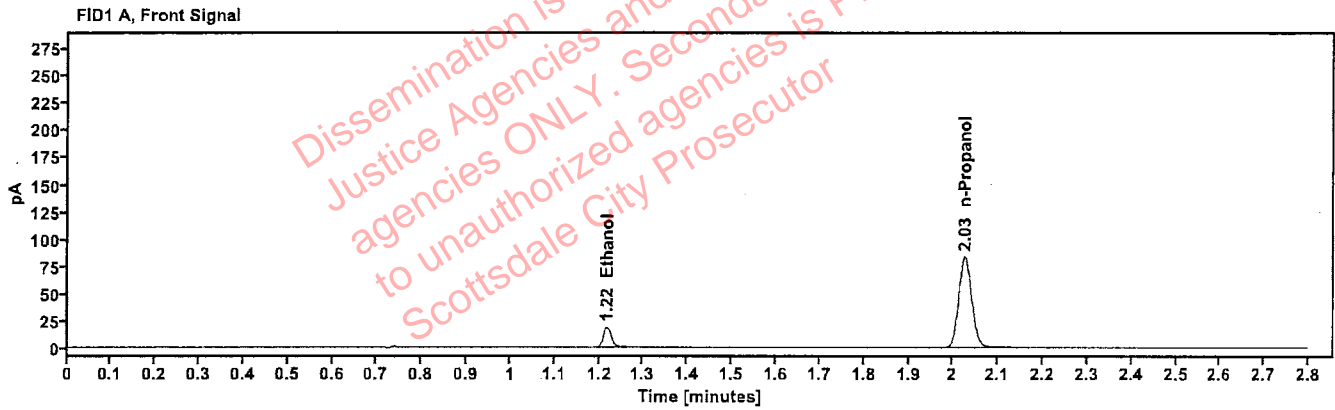


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0416	1.217	23.321
n-Propanol	-----	2.026	166.009

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

Compound	Time (min)	Peak Area
Ethanol	1.364	25.402
n-Propanol	2.449	179.909

Scottsdale Police Department Crime Lab Volatiles Analysis



Sample:	4110320133/11	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 1:19:33 PM
Data file:	C:\Chem32\1\Data\17Dec24\9.D	Analyst:	Brooke

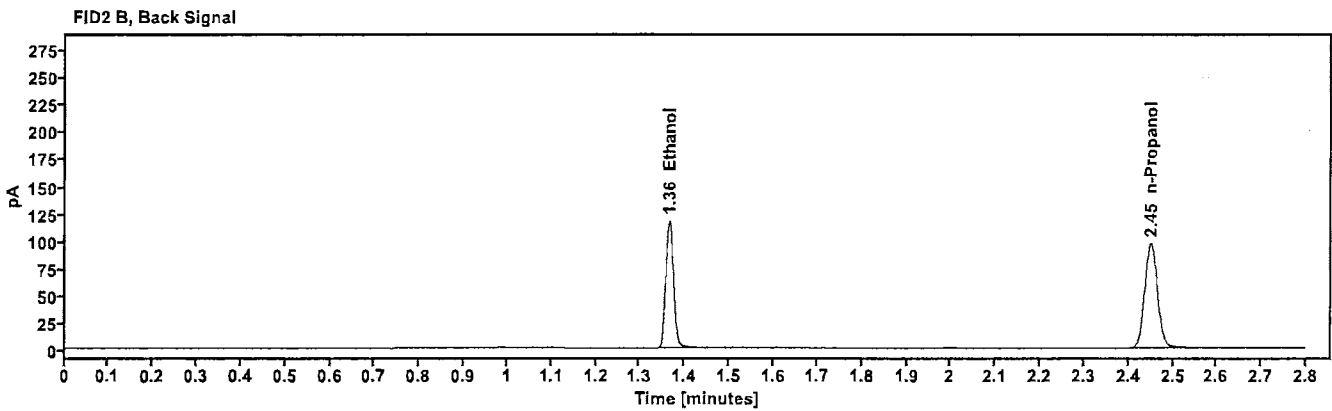
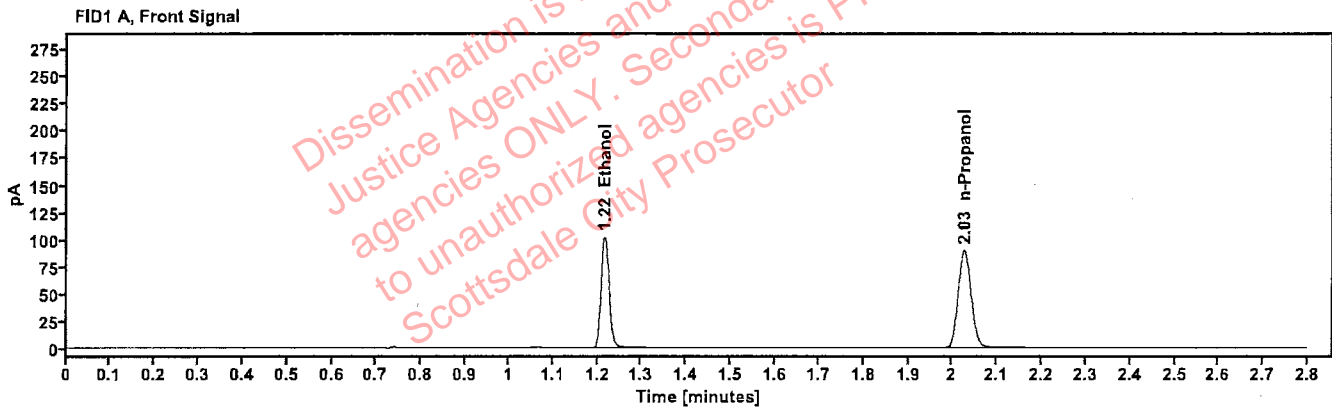


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2034	1.216	129.182
n-Propanol	---	2.026	178.655

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

Compound	Time (min)	Peak Area
Ethanol	1.365	141.904
n-Propanol	2.450	193.502

Scottsdale Police Department Crime Lab Volatiles Analysis



Sample:	517758	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 2:04:01 PM
Data file:	C:\Chem32\1\Data\17Dec24\20.D	Analyst:	Brooke

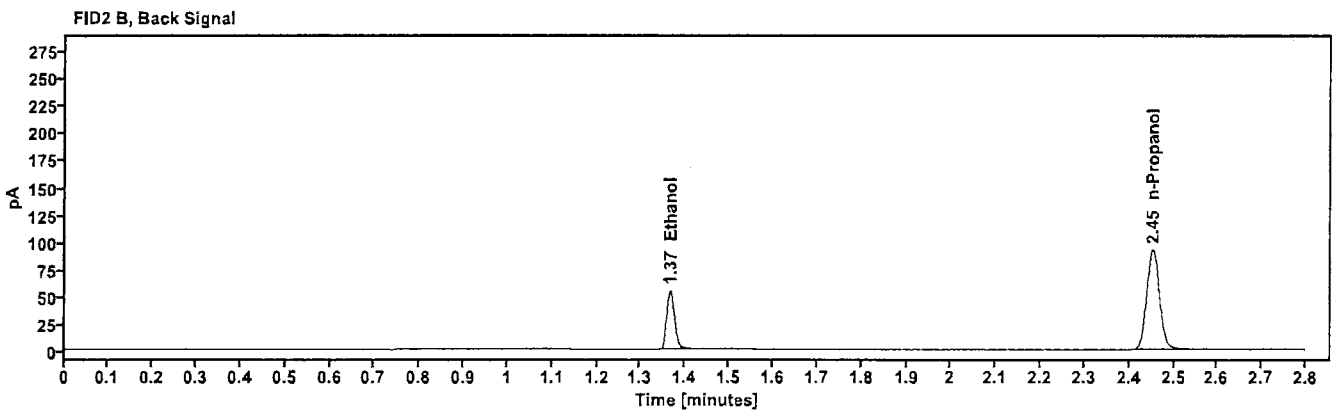
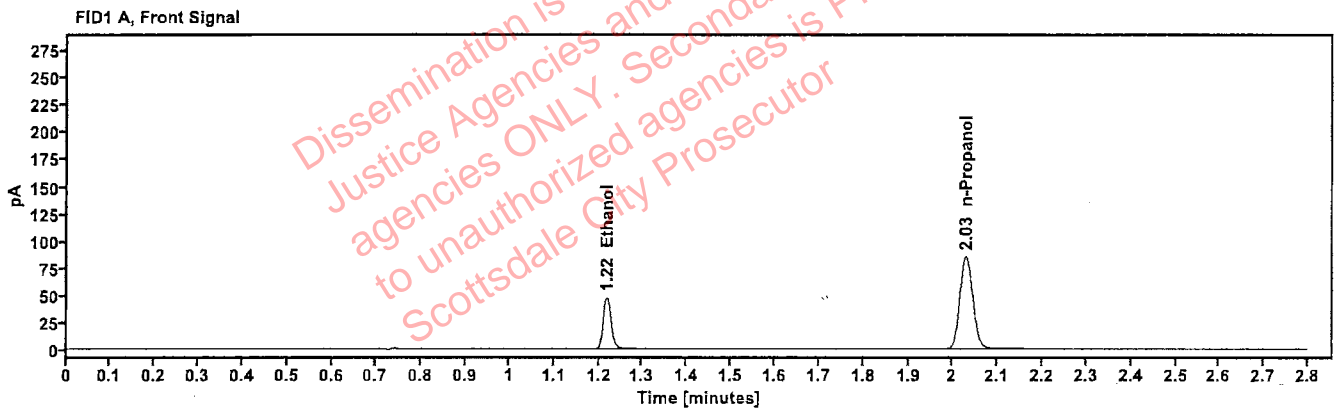


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1008	1.218	60.321
n-Propanol	-----	2.029	170.580

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

Compound	Time (min)	Peak Area
Ethanol	1.366	66.000
n-Propanol	2.453	184.676

Scottsdale Police Department Crime Lab Volatiles Analysis

YB

Sample: 517758	Vial: 31
Description: 0.100	LIMS ID:
Method: ethanol quant.M	Sequence: 17Dec24
Instrument: US14173023 CN14160045	Injection date: 12/17/2024 2:48:32 PM
Data file: C:\Chem32\1\Data\17Dec24\31.D	Analyst: Brooke

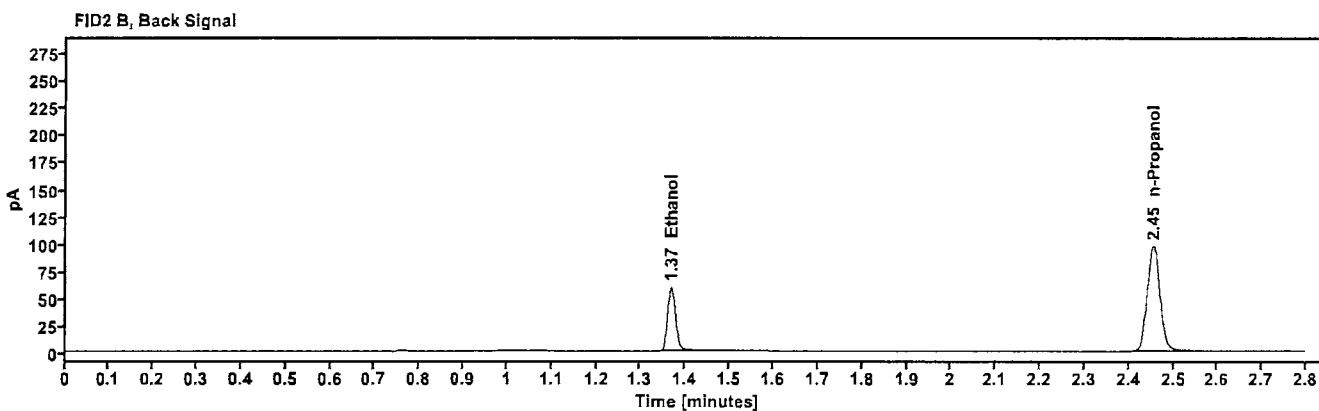
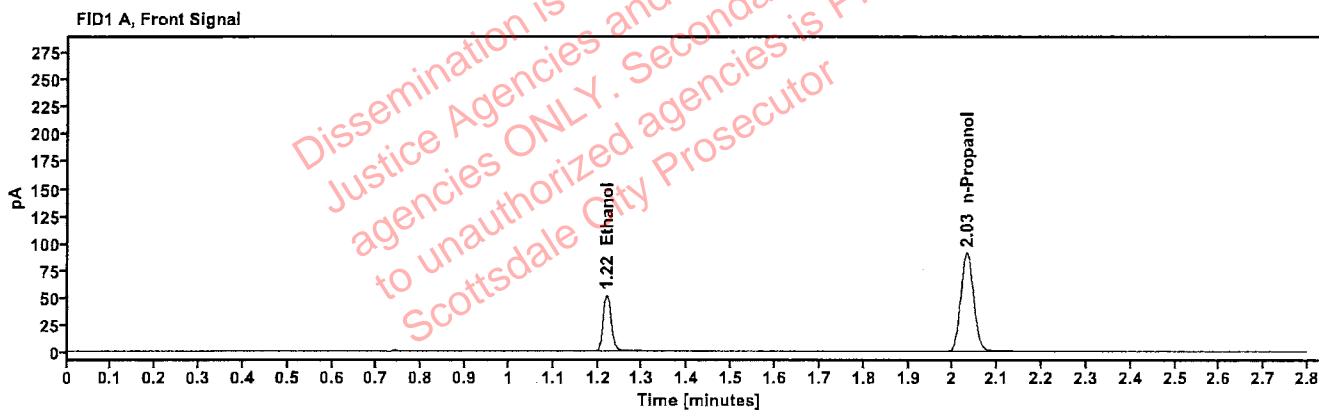


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1032	1.219	65.489
n-Propanol	---	2.031	180.747

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

Compound	Time (min)	Peak Area
Ethanol	1.368	71.693
n-Propanol	2.455	195.849

Scottsdale Police Department Crime Lab Volatiles Analysis

YRS

Sample:	4110320133/11	Vial:	42
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 3:32:48 PM
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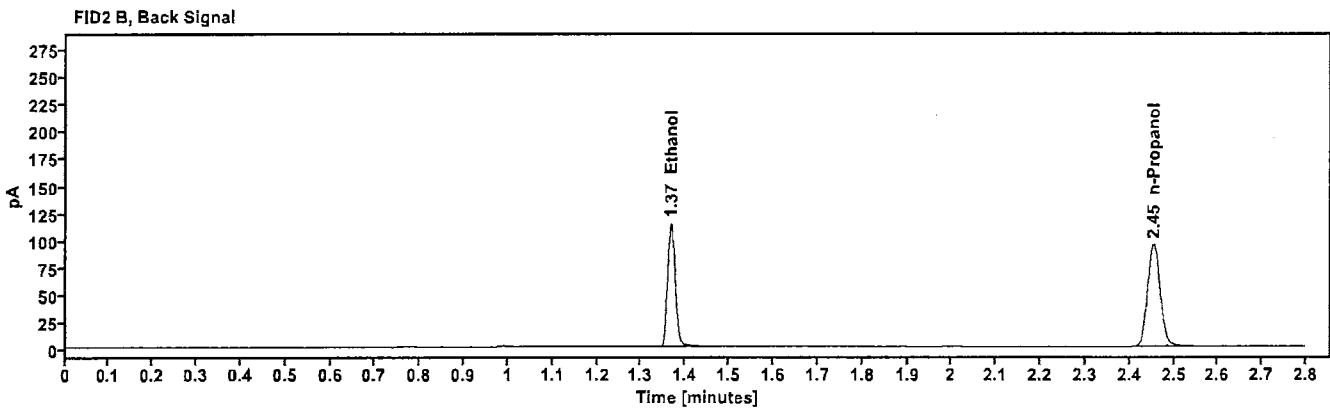
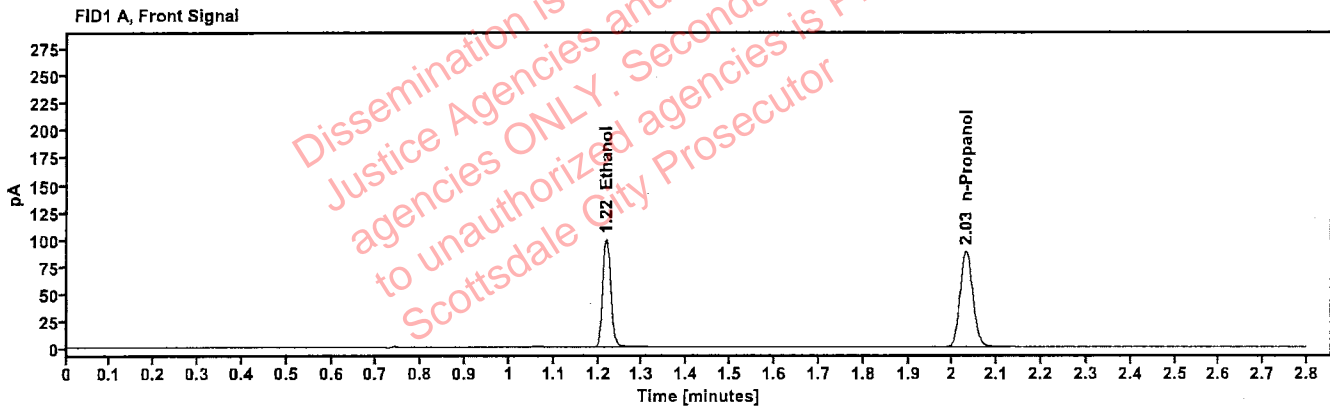


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2022	1.218	126.447
n-Propanol	---	2.030	175.913

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

Compound	Time (min)	Peak Area
Ethanol	1.367	138.842
n-Propanol	2.454	190.395

Scottsdale Police Department Crime Lab Volatiles Analysis

YRS

Sample: 517758	Vial: 53
Description: 0.100	LIMS ID:
Method: ethanol quant.M	Sequence: 17Dec24
Instrument: US14173023 CN14160045	Injection date: 12/17/2024 4:17:18 PM
Data file: C:\Chem32\1\Data\17Dec24\53.D	Analyst: Brooke

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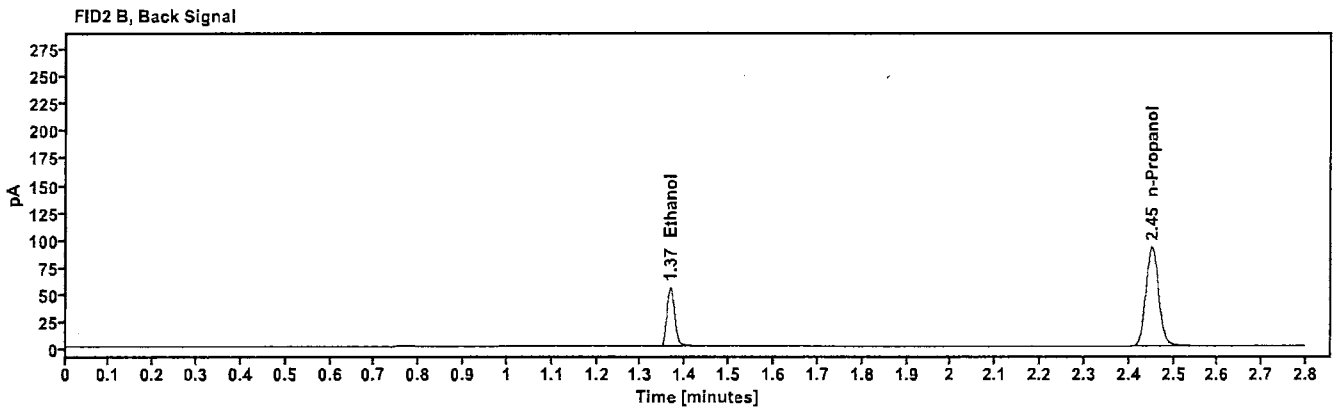
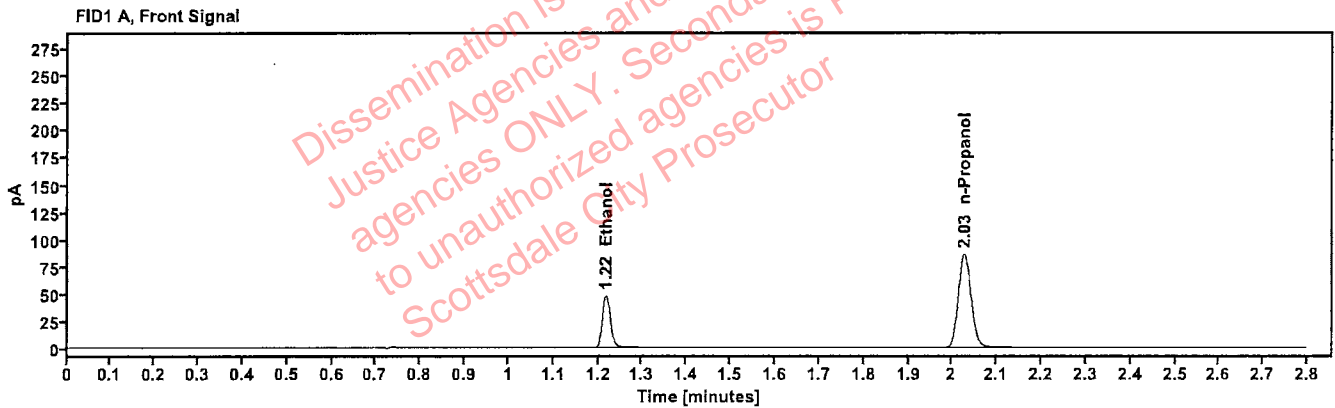


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1016	1.217	60.959
n-Propanol	-----	2.027	170.981

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

Compound	Time (min)	Peak Area
Ethanol	1.366	66.445
n-Propanol	2.451	185.012

Scottsdale Police Department Crime Lab Volatiles Analysis

YB

Sample:	12052023-B	Vial:	64
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 5:01:48 PM
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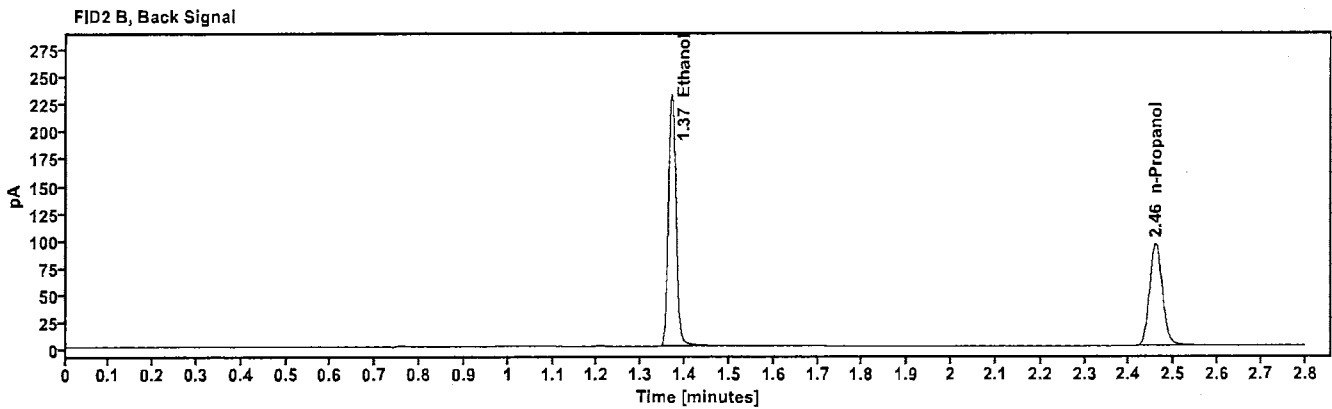
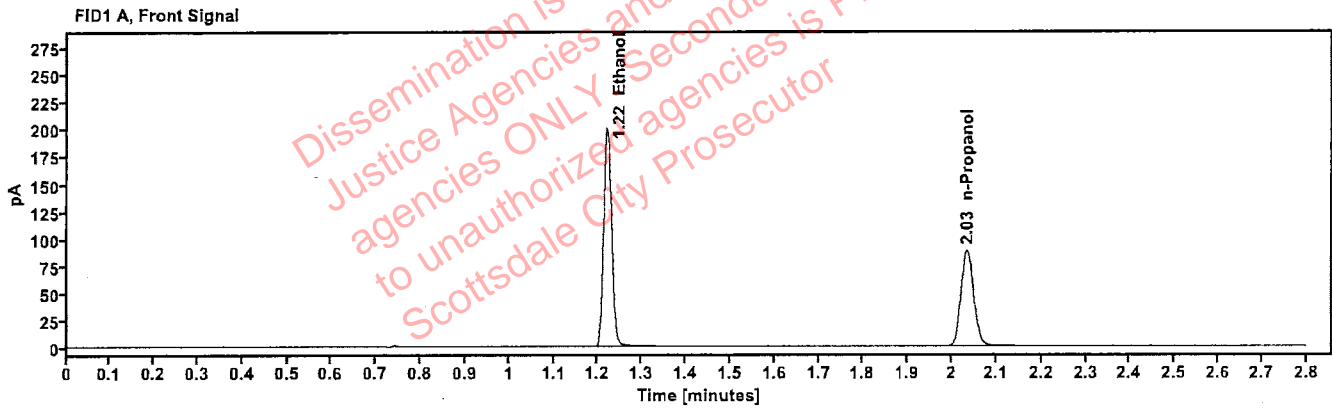


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4058	1.220	255.239
n-Propanol	-----	2.034	175.822

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

Compound	Time (min)	Peak Area
Ethanol	1.370	281.460
n-Propanol	2.459	190.230

Scottsdale Police Department Crime Lab Volatiles Analysis

WBS

Sample:	518018	Vial:	65
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 5:05:48 PM
Data file:	C:\Chem32\1\Data\17Dec24\65.D	Analyst:	Brooke

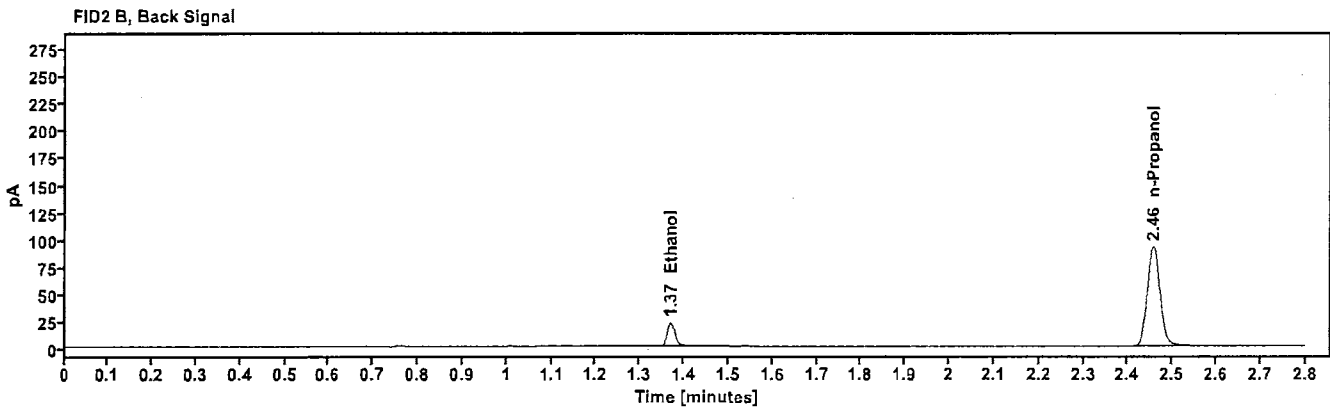
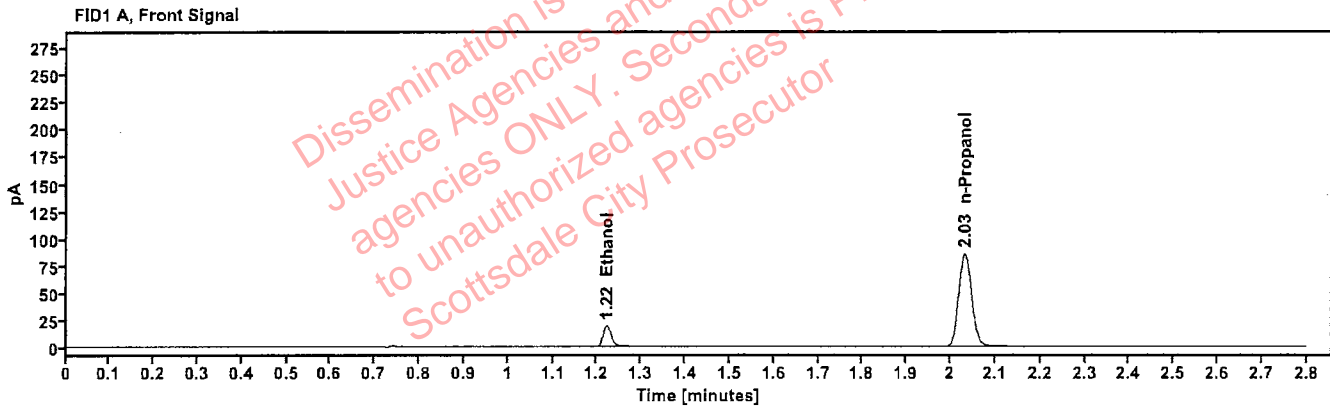


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0420	1.221	24.237
n-Propanol	-----	2.032	170.765

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

Compound	Time (min)	Peak Area
Ethanol	1.370	26.413
n-Propanol	2.457	185.009

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/11	Vial: 66
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 17Dec24
Instrument: US14173023 CN14160045	Injection date: 12/17/2024 5:09:48 PM
Data file: C:\Chem32\1\Data\17Dec24\66.D	Analyst: Brooke

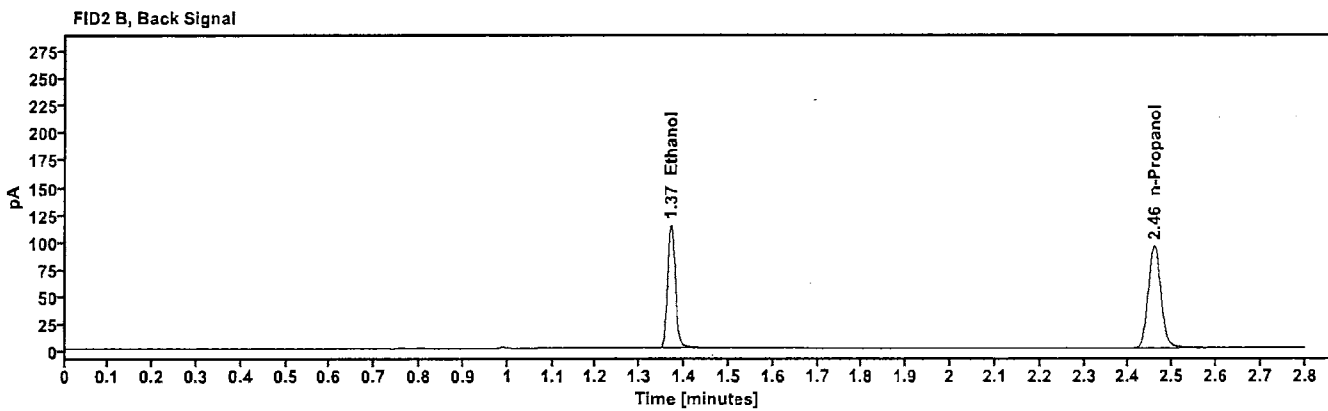
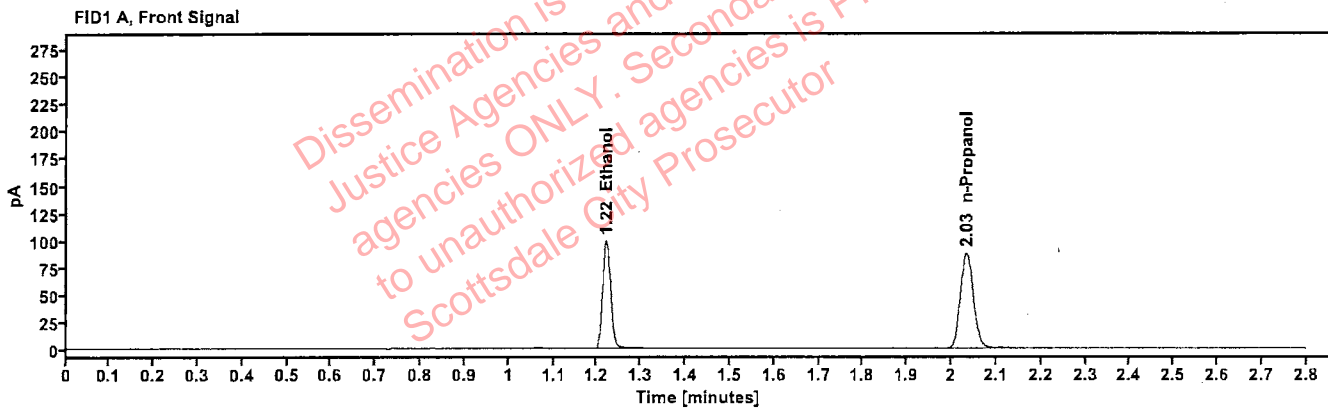


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2020	1.220	126.068
n-Propanol	-----	2.033	175.564

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

Compound	Time (min)	Peak Area
Ethanol	1.369	138.633
n-Propanol	2.458	190.104

Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample:	090524AQ	Vial:	67
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 5:14:02 PM
Data file:	C:\Chem32\1\Data\17Dec24\67.D	Analyst:	Brooke

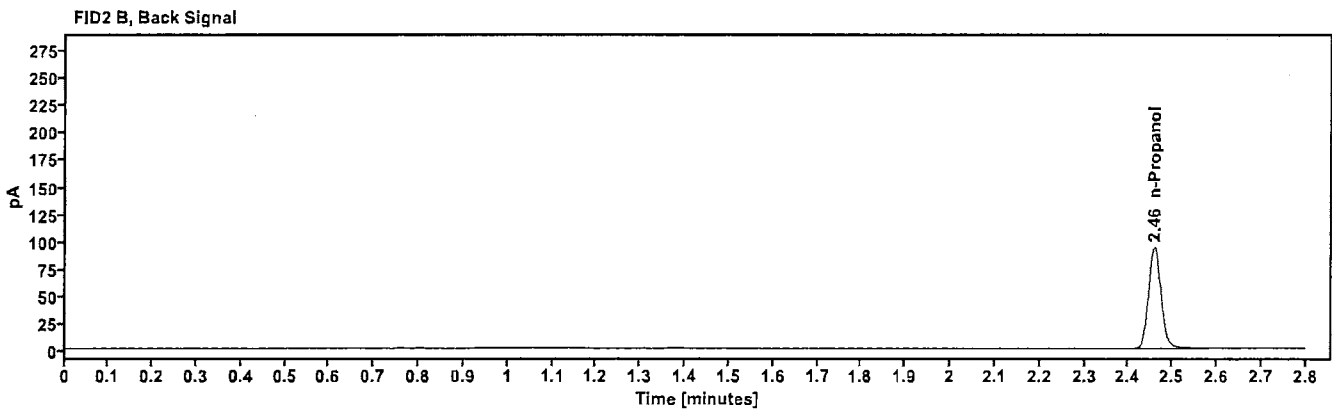
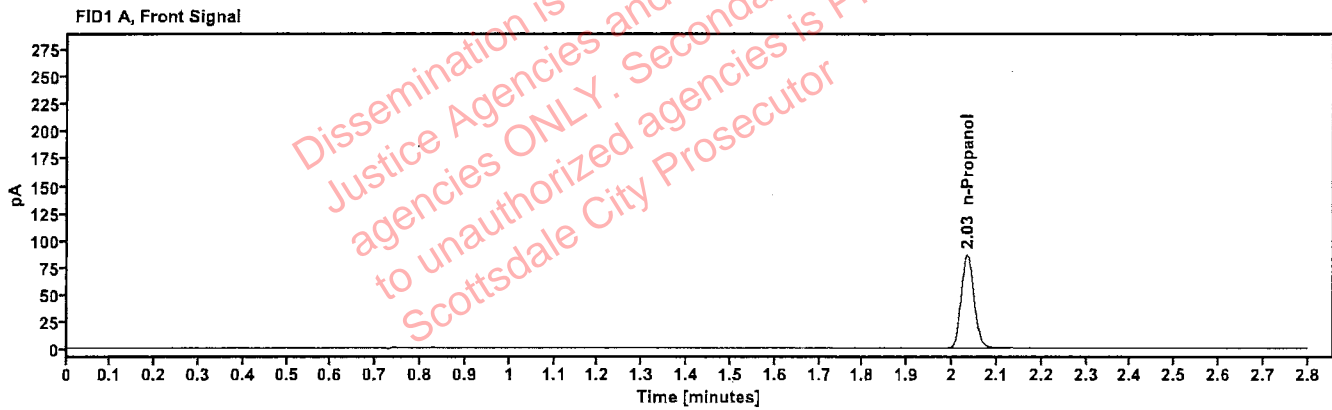


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.034	172.249

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

Compound	Time (min)	Peak Area
n-Propanol	2.459	186.728

Sequence Summary

PB

Sequence name: 17Dec24 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	4110320133/11	0.199	Control		ethanol quant.M
10	2424713-1		Sample		ethanol quant.M
11	2424713-1		Sample		ethanol quant.M
12	2424342-2		Sample		ethanol quant.M
13	2424342-2		Sample		ethanol quant.M
14	2424861-2		Sample		ethanol quant.M
15	2424861-2		Sample		ethanol quant.M
16	2424867-1		Sample		ethanol quant.M
17	2424867-1		Sample		ethanol quant.M
18	2425005-2		Sample		ethanol quant.M
19	2425005-2		Sample		ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	2425006-2		Sample		ethanol quant.M
22	2425006-2		Sample		ethanol quant.M
23	2425048-2		Sample		ethanol quant.M
24	2425048-2		Sample		ethanol quant.M
25	2425007-1		Sample		ethanol quant.M
26	2425007-1		Sample		ethanol quant.M
27	2425057-1		Sample		ethanol quant.M
28	2425057-1		Sample		ethanol quant.M
29	2425068-2		Sample		ethanol quant.M
30	2425068-2		Sample		ethanol quant.M
31	517758	0.100	Control		ethanol quant.M
32	2425071-1		Sample		ethanol quant.M
33	2425071-1		Sample		ethanol quant.M
34	2425077-2		Sample		ethanol quant.M
35	2425077-2		Sample		ethanol quant.M
36	2425086-2		Sample		ethanol quant.M
37	2425086-2		Sample		ethanol quant.M
38	2424657-1		Sample		ethanol quant.M
39	2424657-1		Sample		ethanol quant.M
40	409-01A.M.		Sample		ethanol quant.M
41	409-01A.M.		Sample		ethanol quant.M
42	4110320133/11	0.199	Control		ethanol quant.M
43	437-01E.B.		Sample		ethanol quant.M
44	437-01E.B.		Sample		ethanol quant.M
45	404-01T.S.		Sample		ethanol quant.M
46	404-01T.S.		Sample		ethanol quant.M
47	409-01S.J.		Sample		ethanol quant.M

Sequence Summary

48	409-01S.J.		Sample		ethanol quant.M
49	409-01A.A.		Sample		ethanol quant.M
50	409-01A.A.		Sample		ethanol quant.M
51	383-01K.S.		Sample		ethanol quant.M
52	383-01K.S.		Sample		ethanol quant.M
53	517758	0.100	Control		ethanol quant.M
54	441-01T.M.		Sample		ethanol quant.M
55	441-01T.M.		Sample		ethanol quant.M
56	353-01B.M.		Sample		ethanol quant.M
57	353-01B.M.		Sample		ethanol quant.M
58	383-01K.L.		Sample		ethanol quant.M
59	383-01K.L.		Sample		ethanol quant.M
60	409-01G.B.		Sample		ethanol quant.M
61	409-01G.B.		Sample		ethanol quant.M
62	2424163-1		Sample		ethanol quant.M
63	2424163-1		Sample		ethanol quant.M
64	12052023-B	0.400	Control		ethanol quant.M
65	518018	0.040	Control		ethanol quant.M
66	4110320133/11	0.199	Control		ethanol quant.M
67	090524AQ	Negative	Control		ethanol quant.M

Dissemination is restricted to Criminal Justice Agencies and authorized agencies ONLY. Second dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

Scottsdale Police Department Crime Laboratory Summary of Cases

RB

SEQUENCE NAME: 17Dec24

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1427	0.1434	0.14305	0.24	0.00035
12 13	0.1317	0.1321	0.13190	0.15	0.00020
14 15	0.1062	0.1069	0.10655	0.33	0.00035
16 17	0.2781	0.2786	0.27835	0.09	0.00025
18 19	0.1832	0.1839	0.18355	0.19	0.00035
21 22	0.1601	0.1612	0.16065	0.34	0.00055
23 24	0.1935	0.1957	0.19460	0.57	0.00110
25 26	0.2318	0.2291	0.23045	0.59	0.00135
27 28	0.0275	0.0271	0.02730	0.73	0.00020
29 30	0.2373	0.2378	0.23755	0.11	0.00025
32 33	0.1854	0.1863	0.18585	0.24	0.00045
34 35	0.1704	0.1708	0.17060	0.12	0.00020
36 37	0.0440	0.0438	0.04390	0.23	0.00010
38 39	0.1437	0.1433	0.14350	0.14	0.00020
40 41	0.1340	0.1353	0.13465	0.48	0.00065
43 44	0.1554	0.1549	0.15515	0.16	0.00025
45 46	0.0612	0.0610	0.06110	0.16	0.00010
47 48	0.1436	0.1436	0.14360	0.00	0.00000
49 50	0.0617	0.0615	0.06160	0.16	0.00010
51 52	0.1728	0.1739	0.17335	0.32	0.00055
54 55	0.1237	0.1229	0.12330	0.32	0.00040
56 57	0.1610	0.1589	0.15995	0.66	0.00105
58 59	0.0113	0.0110	0.01115	1.35	0.00015
60 61	0.0530	0.0531	0.05305	0.09	0.00005
62 63	0.2609	0.2612	0.26105	0.06	0.00015

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

Scottsdale Forensic Lab
 Blood Alcohol Pipetting Log

YBS

ANALYST: Brooke

SEQUENCE: 17Dec24

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	2424713-1	2424713-1	2424713-1	Yes
Vials 12 and 13	2424342-2	2424342-2	2424342-2	Yes
Vials 14 and 15	2424861-2	2424861-2	2424861-2	Yes
Vials 16 and 17	2424867-1	2424867-1	2424867-1	Yes
Vials 18 and 19	2425005-2	2425005-2	2425005-2	Yes
Vials 21 and 22	2425006-2	2425006-2	2425006-2	Yes
Vials 23 and 24	2425048-2	2425048-2	2425048-2	Yes
Vials 25 and 26	2425007-1	2425007-1	2425007-1	Yes
Vials 27 and 28	2425057-1	2425057-1	2425057-1	Yes
Vials 29 and 30	2425068-2	2425068-2	2425068-2	Yes
Vials 32 and 33	2425071-1	2425071-1	2425071-1	Yes
Vials 34 and 35	2425077-2	2425077-2	2425077-2	Yes
Vials 36 and 37	2425086-2	2425086-2	2425086-2	Yes
Vials 38 and 39	2424657-1	2424657-1	2424657-1	Yes
Vials 40 and 41	409-01A.M.	409-01A.M.	409-01A.M.	Yes
Vials 43 and 44	437-01E.B.	437-01E.B.	437-01E.B.	Yes
Vials 45 and 46	404-01T.S.	404-01T.S.	404-01T.S.	Yes
Vials 47 and 48	409-01S.J.	409-01S.J.	409-01S.J.	Yes
Vials 49 and 50	409-01A.A.	409-01A.A.	409-01A.A.	Yes
Vials 51 and 52	383-01K.S.	383-01K.S.	383-01K.S.	Yes
Vials 54 and 55	441-01T.M.	441-01T.M.	441-01T.M.	Yes
Vials 56 and 57	353-01B.M.	353-01B.M.	353-01B.M.	Yes
Vials 58 and 59	383-01K.L.	383-01K.L.	383-01K.L.	Yes
Vials 60 and 61	409-01G.B.	409-01G.B.	409-01G.B.	Yes
Vials 62 and 63	2424163-1	2424163-1	2424163-1	Yes

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424713-1	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 1:23:33 PM
Data file:	C:\Chem32\1\Data\17Dec24\10.D	Analyst:	Brooke

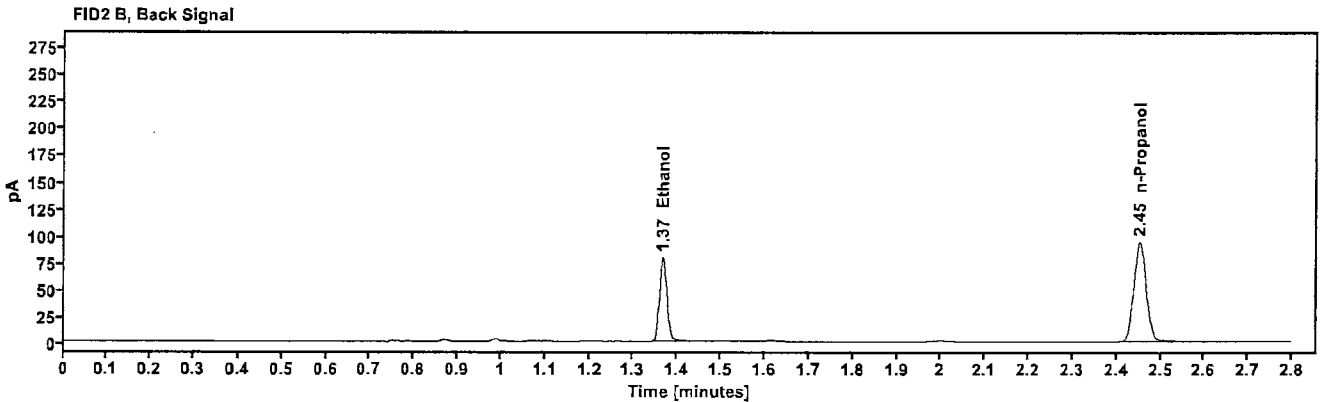
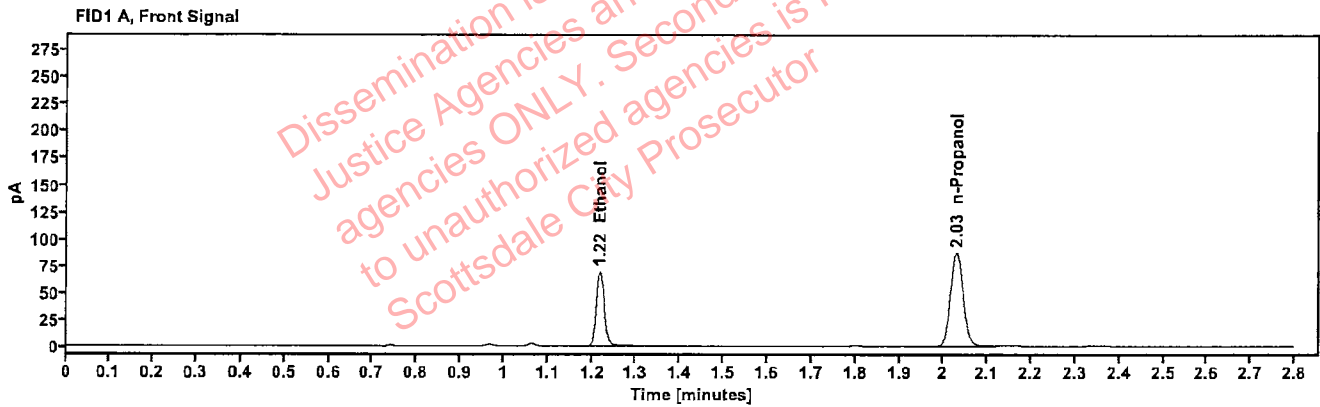


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1427	1.217	87.229
n-Propanol	---	2.029	172.941

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

Compound	Time (min)	Peak Area
Ethanol	1.366	95.517
n-Propanol	2.453	187.744

[REDACTED]: Brooke, Phillip - (18-Dec-2024)

Case: [REDACTED] User: pbrooke 12/18/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424713-1	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 1:27:33 PM
Data file:	C:\Chem32\1\Data\17Dec24\11.D	Analyst:	Brooke

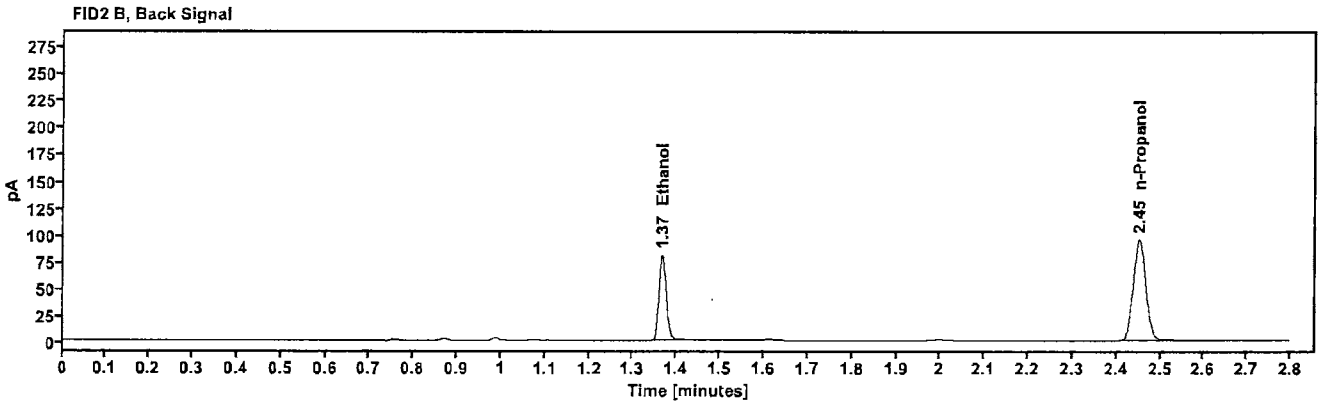
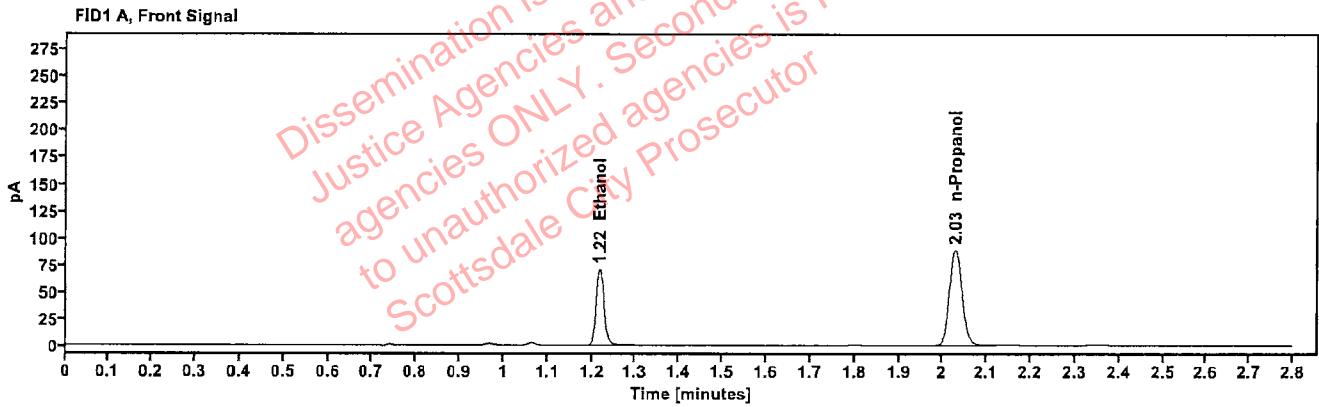


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1434	1.218	89.197
n-Propanol	---	2.028	175.983

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

Compound	Time (min)	Peak Area
Ethanol	1.366	97.887
n-Propanol	2.452	191.066

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424342-2	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 1:31:32 PM
Data file:	C:\Chem32\1\Data\17Dec24\12.D	Analyst:	Brooke

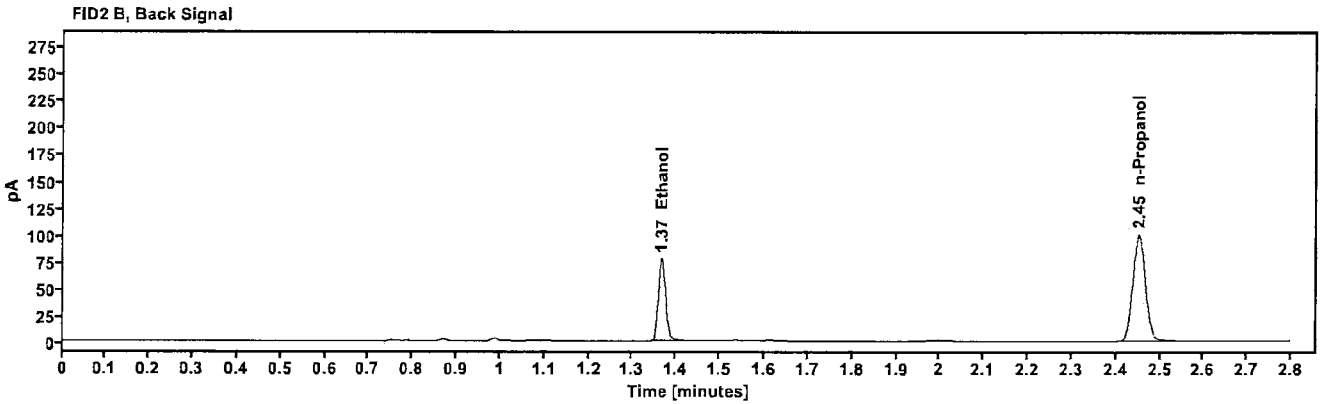
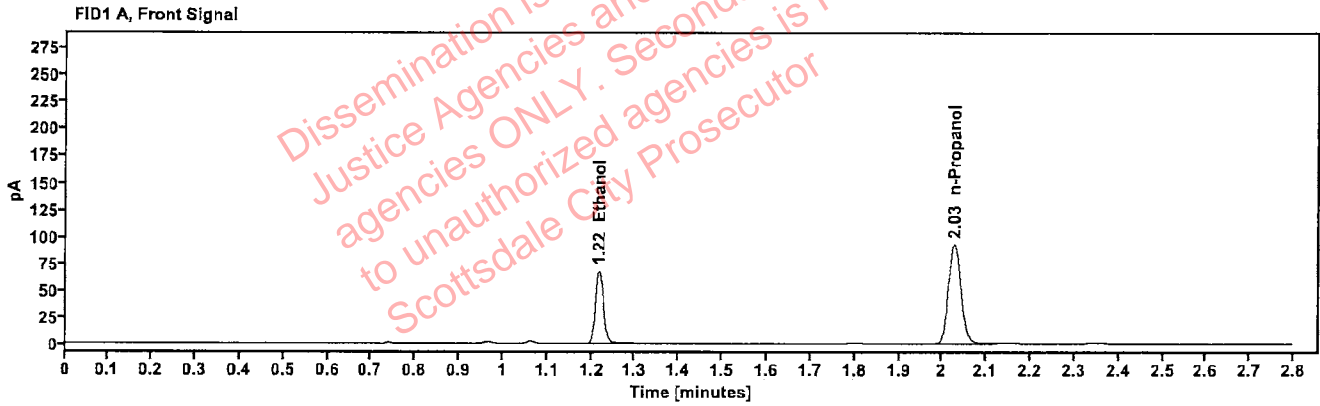


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1317	1.217	85.923
n-Propanol	-----	2.028	184.827

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

Compound	Time (min)	Peak Area
Ethanol	1.366	94.018
n-Propanol	2.452	200.907

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424342-2	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 1:35:47 PM
Data file:	C:\Chem32\1\Data\17Dec24\13.D	Analyst:	Brooke

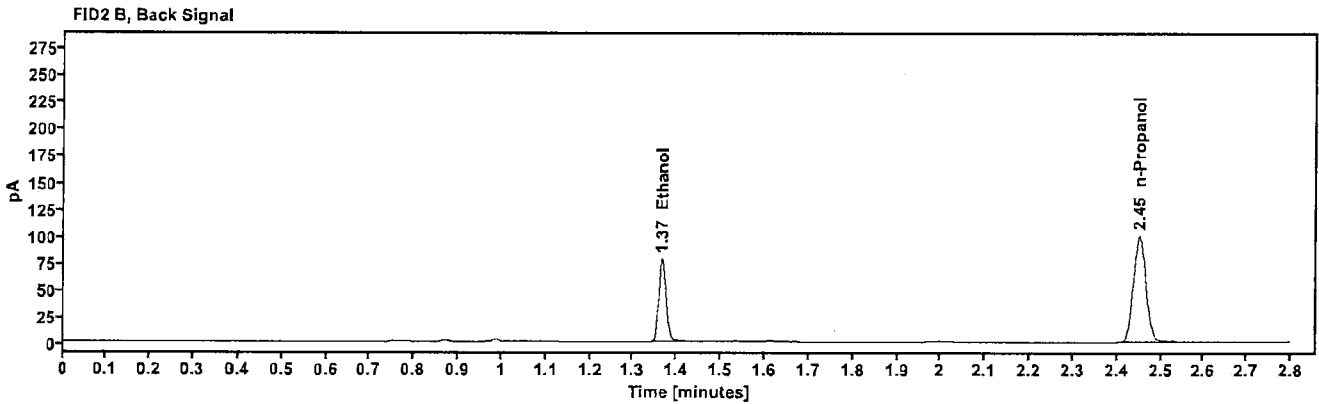
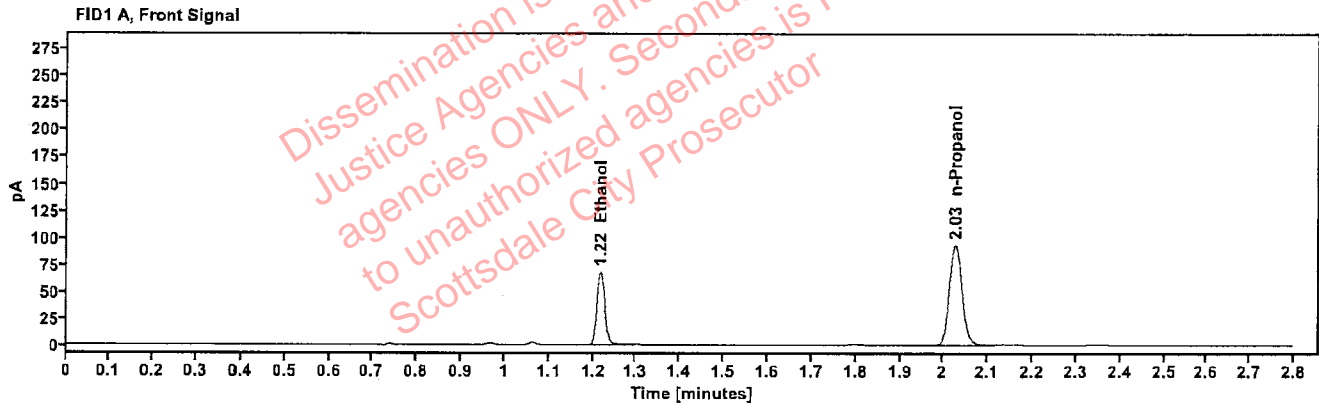


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1321	1.217	86.082
n-Propanol	-----	2.027	184.551

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

Compound	Time (min)	Peak Area
Ethanol	1.366	94.149
n-Propanol	2.451	200.587

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424861-2	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 1:39:46 PM
Data file:	C:\Chem32\1\Data\17Dec24\14.D	Analyst:	Brooke

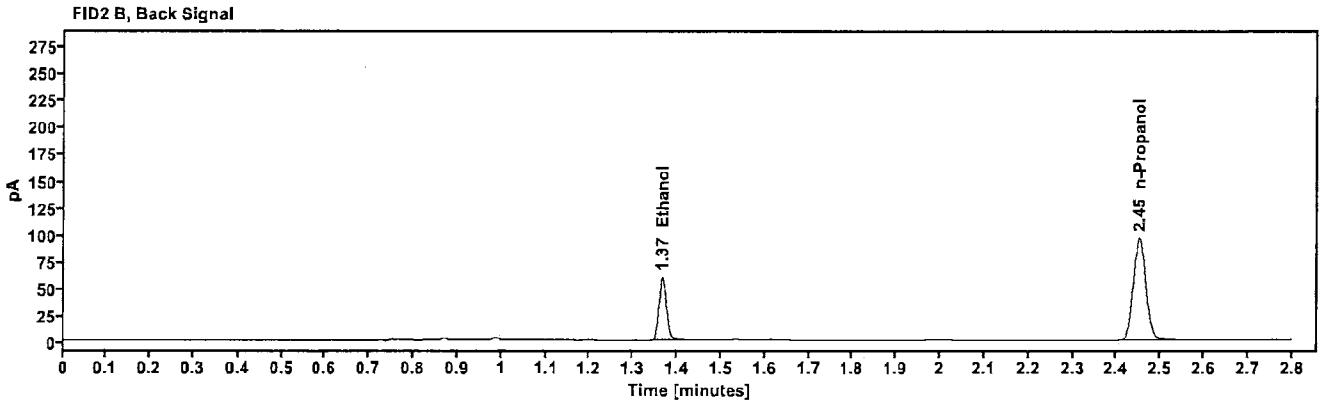
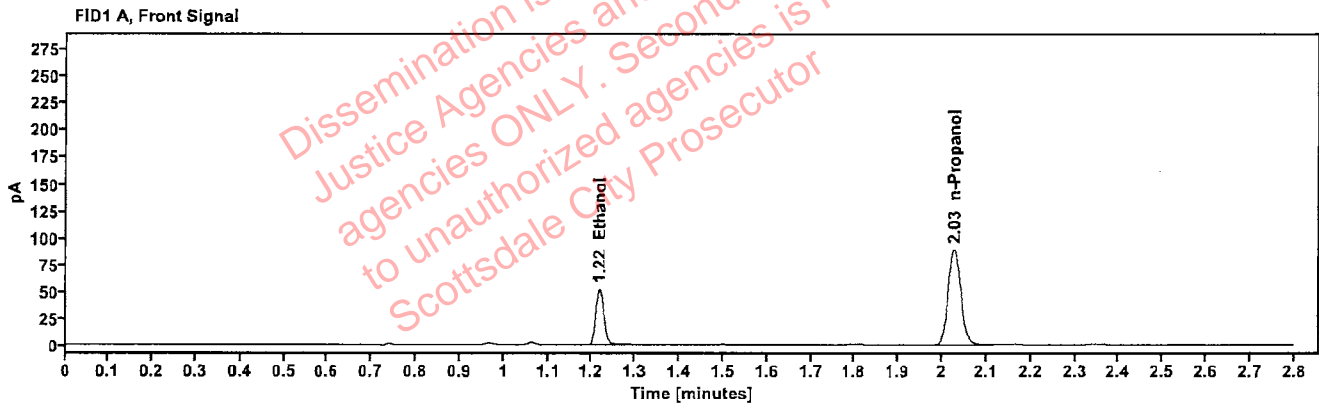


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1062	1.217	66.073
n-Propanol	---	2.027	177.084

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

Compound	Time (min)	Peak Area
Ethanol	1.366	72.112
n-Propanol	2.451	192.124

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424861-2	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 1:43:47 PM
Data file:	C:\Chem32\1\Data\17Dec24\15.D	Analyst:	Brooke

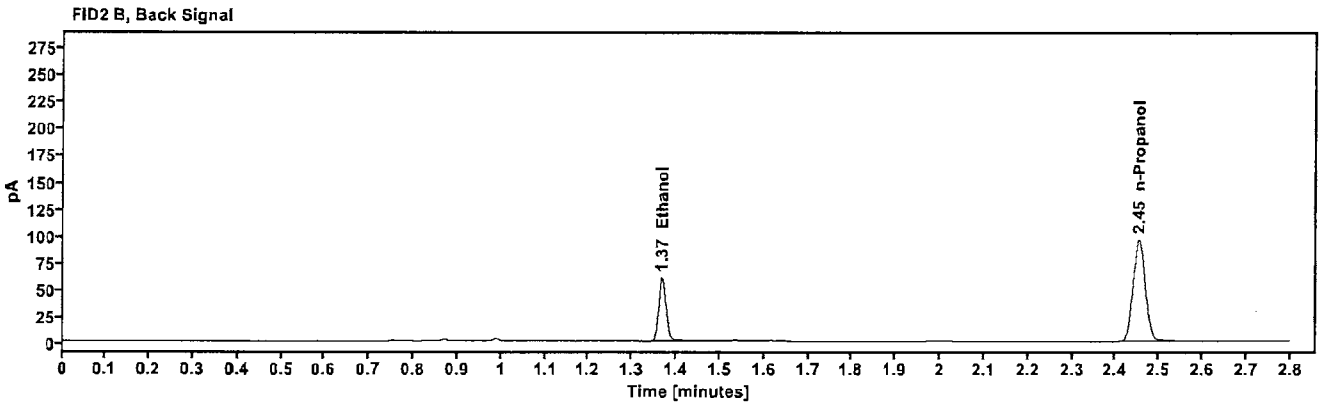
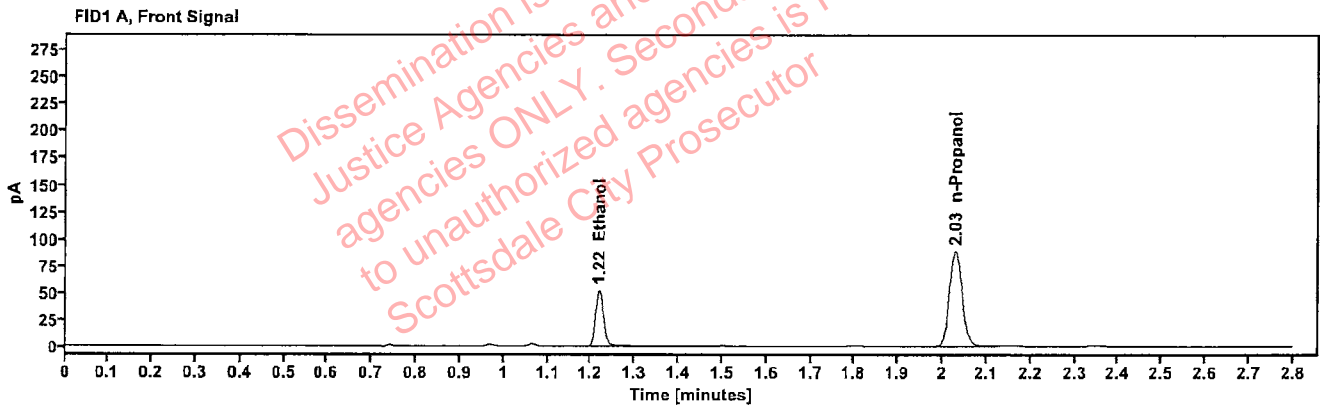


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1069	1.218	66.306
n-Propanol	—	2.029	176.528

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

Compound	Time (min)	Peak Area
Ethanol	1.367	72.253
n-Propanol	2.453	191.507

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424867-1	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 1:47:47 PM
Data file:	C:\Chem32\1\Data\17Dec24\16.D	Analyst:	Brooke

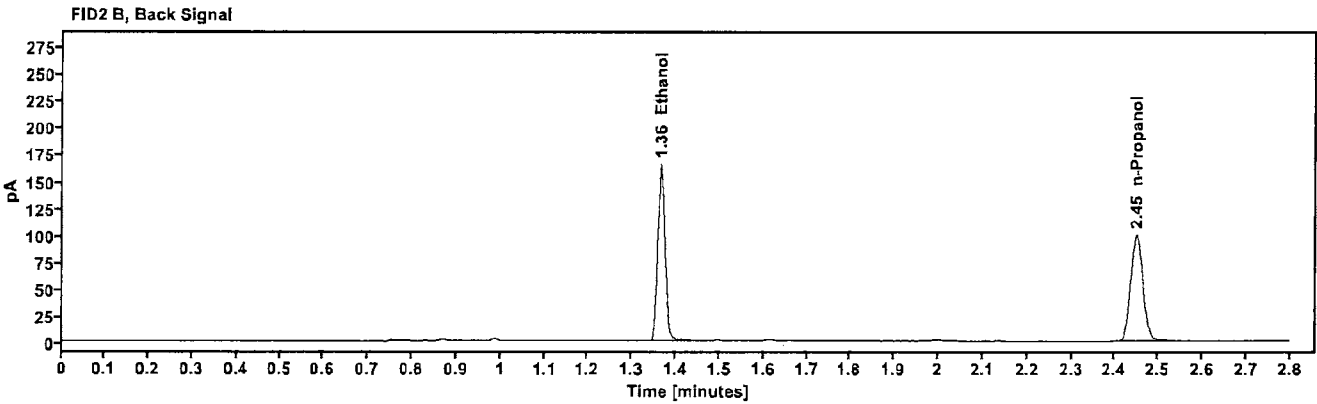
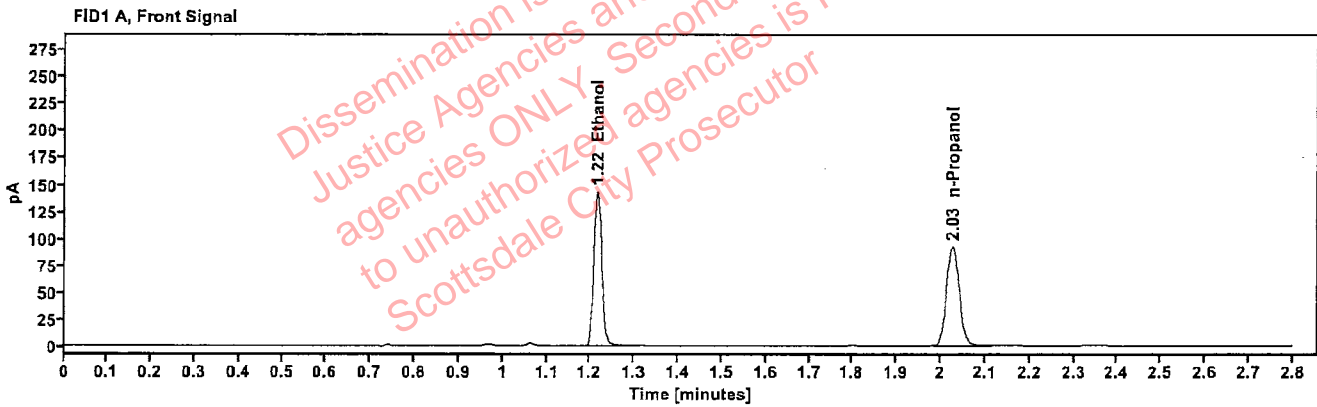


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2781	1.216	182.026
n-Propanol	---	2.026	183.496

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

Compound	Time (min)	Peak Area
Ethanol	1.365	201.079
n-Propanol	2.449	198.996

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424867-1	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 1:51:48 PM
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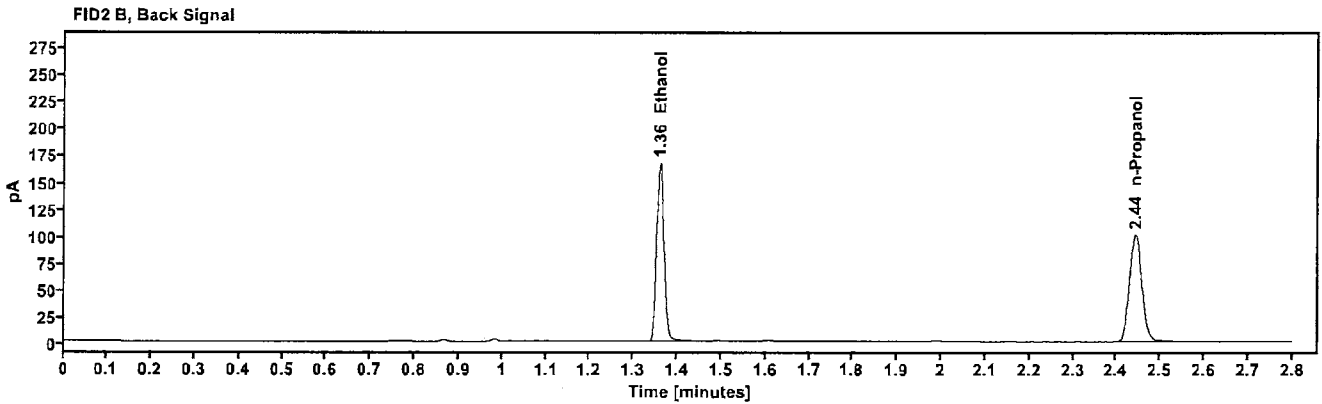
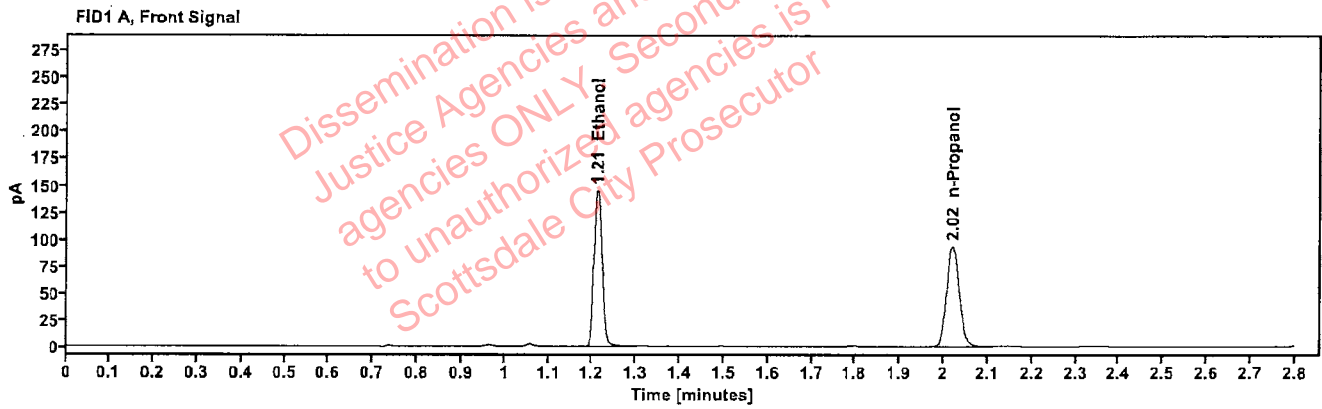


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2786	1.211	184.167
n-Propanol	---	2.020	185.313

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

Compound	Time (min)	Peak Area
Ethanol	1.360	203.168
n-Propanol	2.443	201.063

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425005-2	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 1:55:48 PM
Data file:	C:\Chem32\1\Data\17Dec24\18.D	Analyst:	Brooke

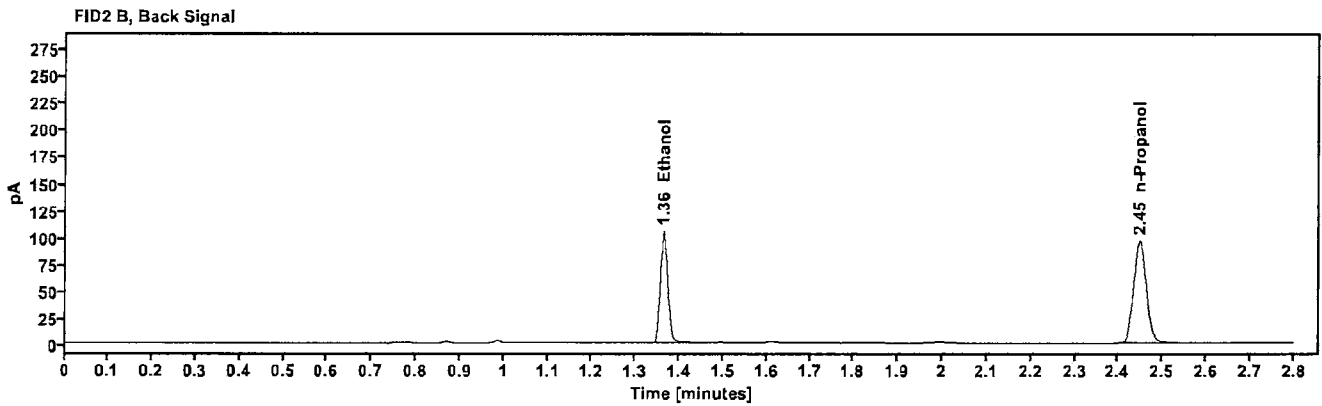
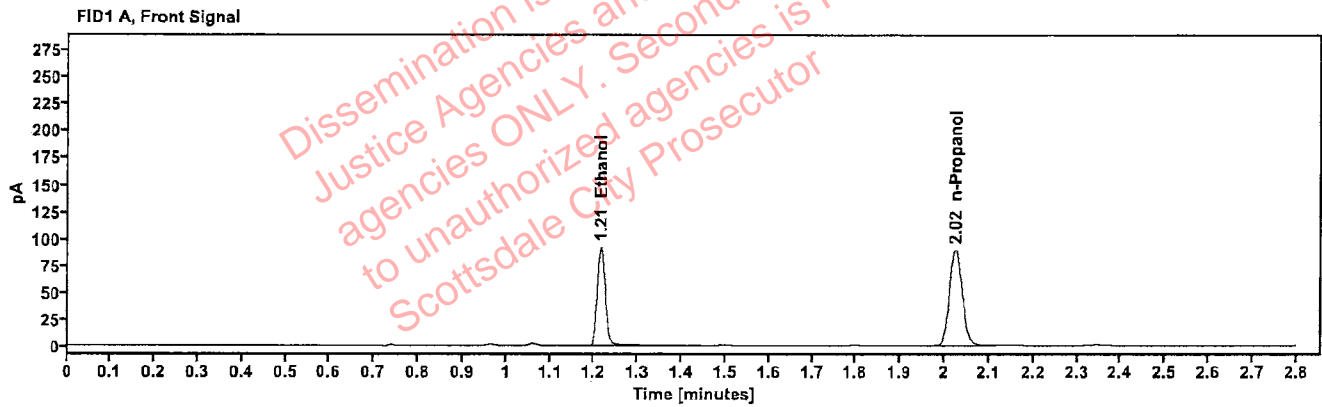


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1832	1.215	116.200
n-Propanol	-----	2.025	178.692

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

Compound	Time (min)	Peak Area
Ethanol	1.364	127.309
n-Propanol	2.448	192.614

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425005-2	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 2:00:02 PM
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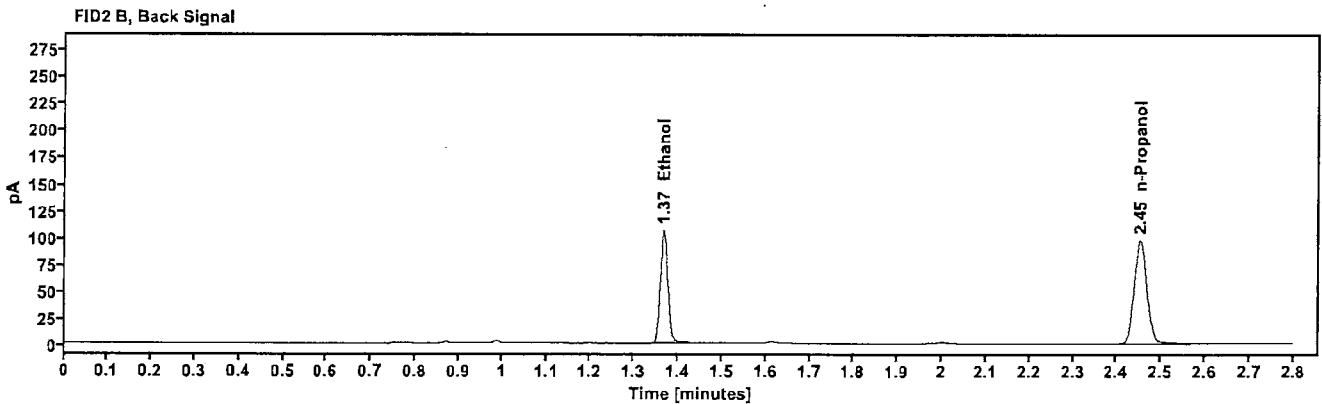
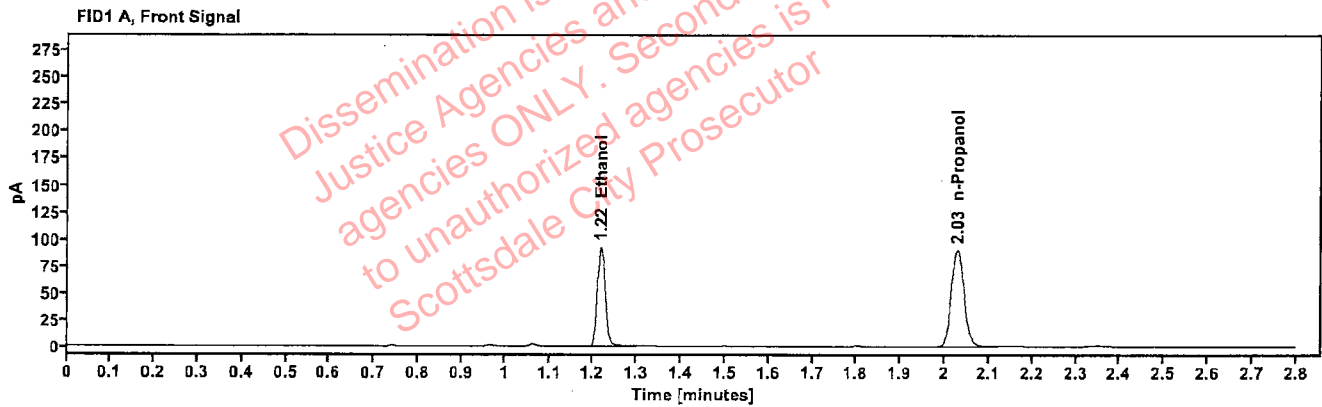


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1839	1.217	117.376
n-Propanol	---	2.029	179.851

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

Compound	Time (min)	Peak Area
Ethanol	1.366	128.851
n-Propanol	2.453	195.234

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425006-2	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 2:08:03 PM
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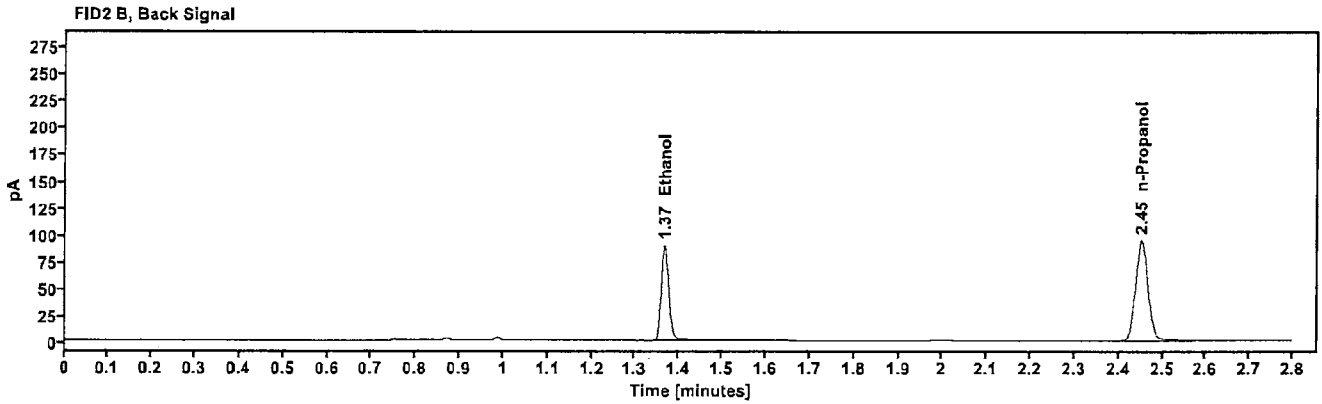
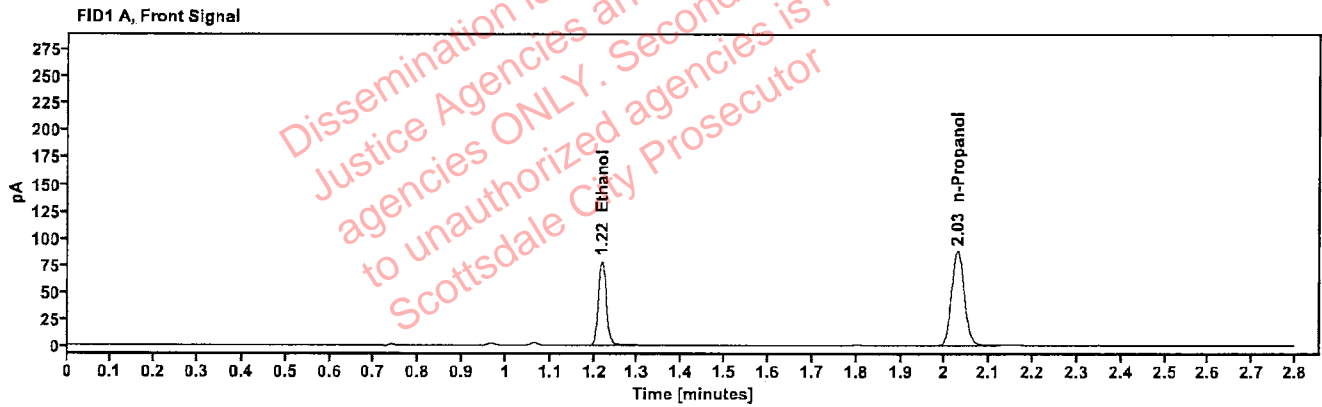


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1601	1.217	98.682
n-Propanol	-----	2.028	173.961

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

Compound	Time (min)	Peak Area
Ethanol	1.366	108.088
n-Propanol	2.452	188.588

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425006-2	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 2:12:03 PM
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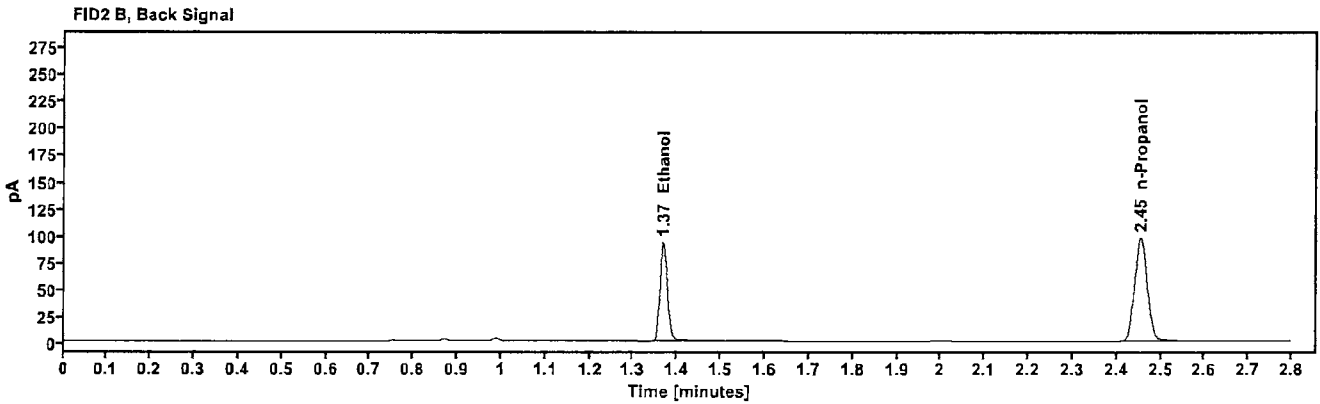
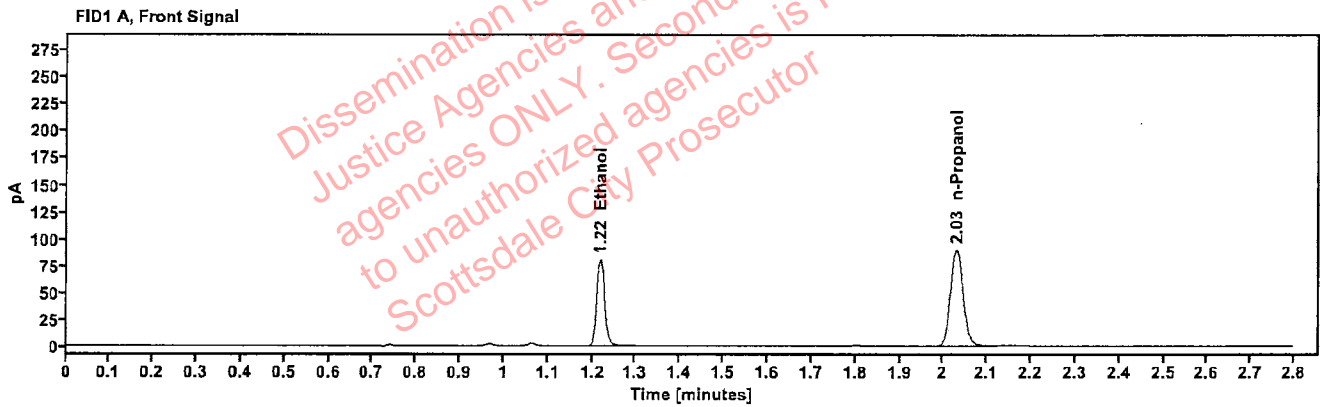


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1612	1.218	102.375
n-Propanol	---	2.030	179.253

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

Compound	Time (min)	Peak Area
Ethanol	1.367	112.036
n-Propanol	2.454	194.321

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425048-2	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 2:16:03 PM
Data file:	C:\Chem32\1\Data\17Dec24\23.D	Analyst:	Brooke

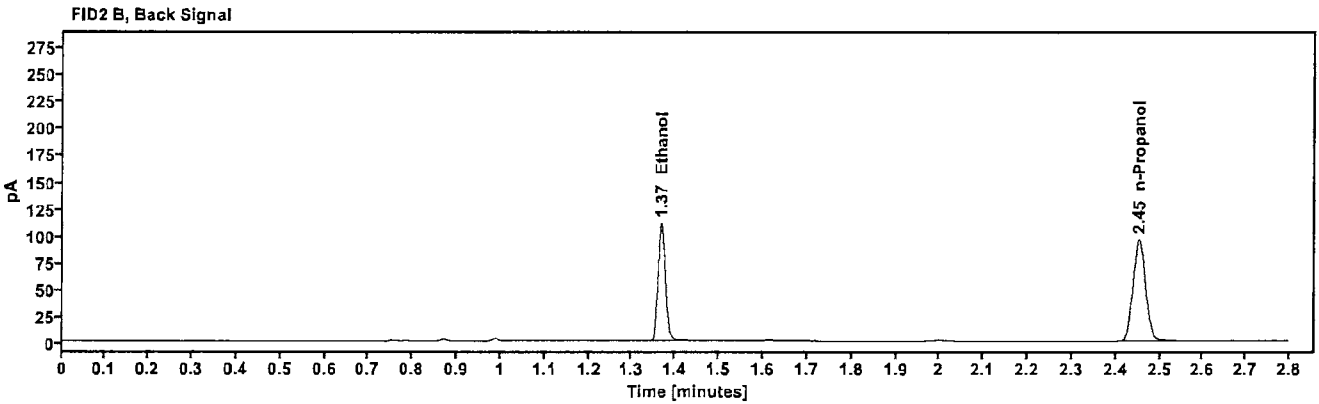
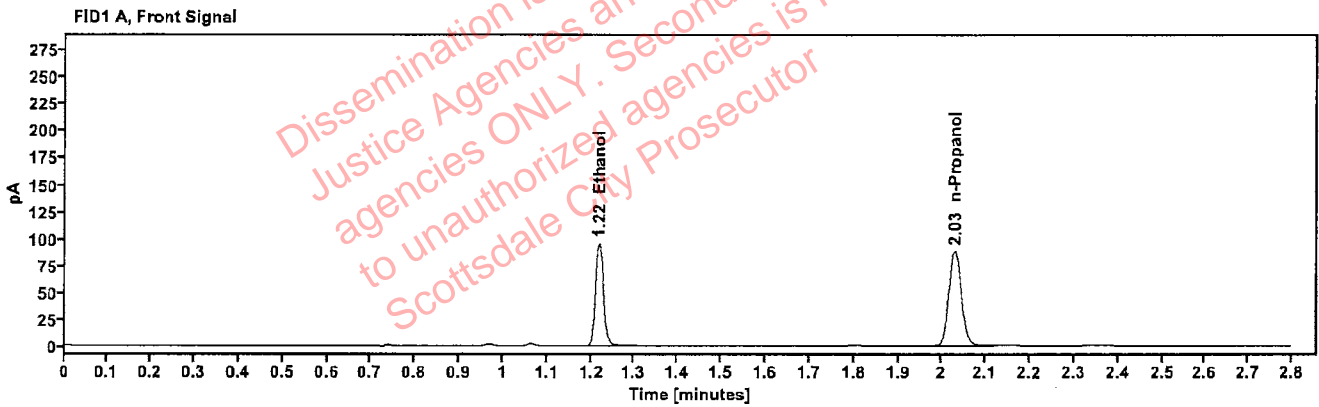


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1935	1.218	121.452
n-Propanol	---	2.029	176.684

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

Compound	Time (min)	Peak Area
Ethanol	1.367	133.750
n-Propanol	2.453	190.449

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425048-2	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 2:20:03 PM
Data file:	C:\Chem32\1\Data\17Dec24\24.D	Analyst:	Brooke

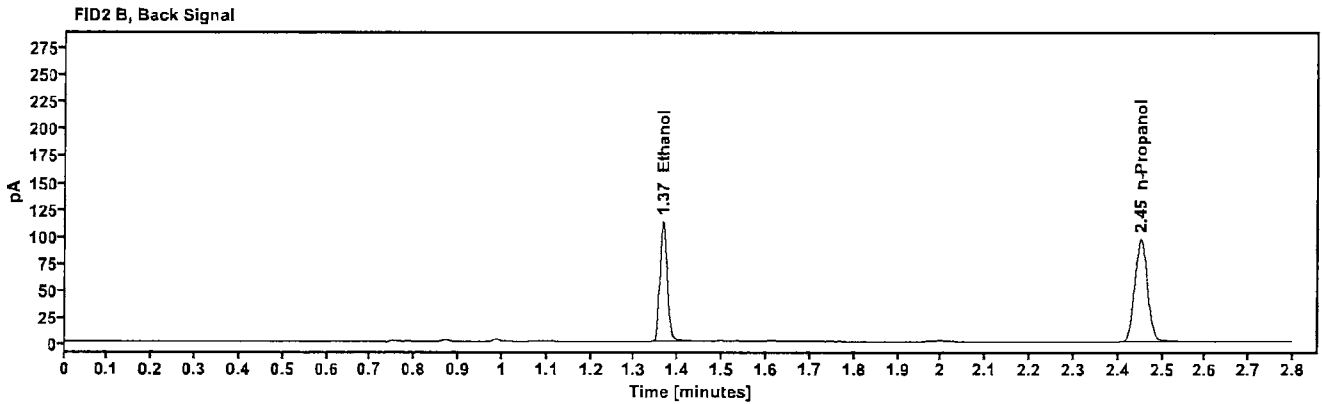
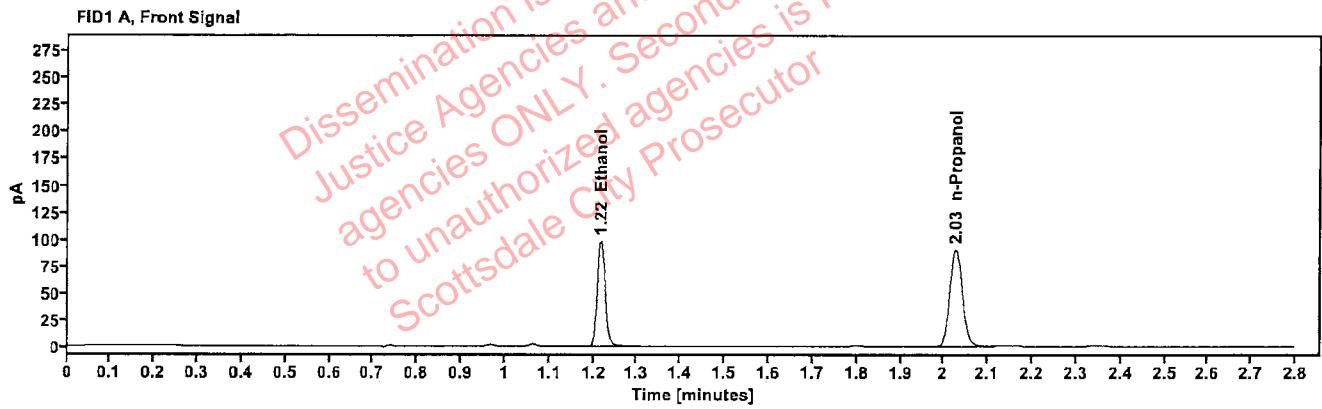


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1957	1.217	124.514
n-Propanol	-----	2.027	179.062

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

Compound	Time (min)	Peak Area
Ethanol	1.365	136.494
n-Propanol	2.451	194.372

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425007-1	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 2:24:16 PM
Data file:	C:\Chem32\1\Data\17Dec24\25.D	Analyst:	Brooke

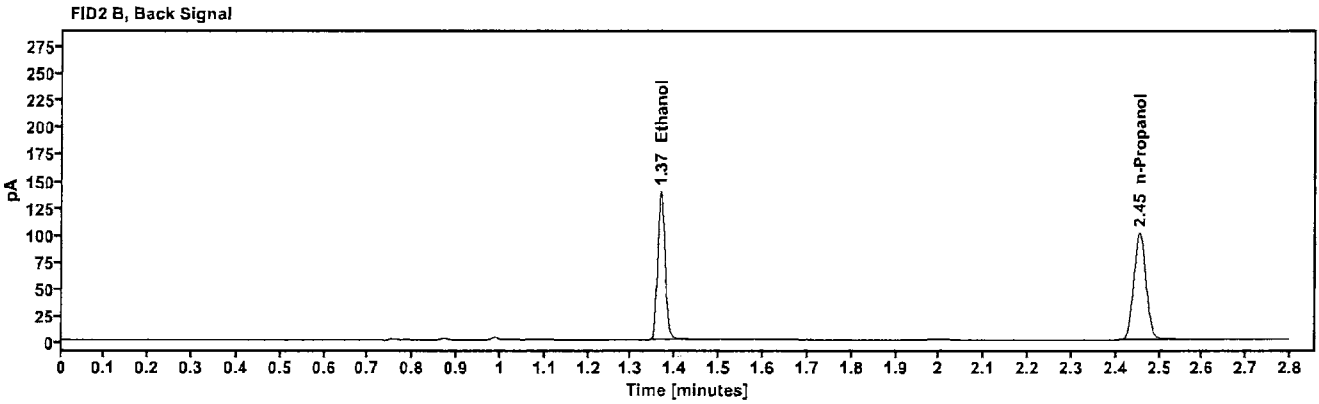
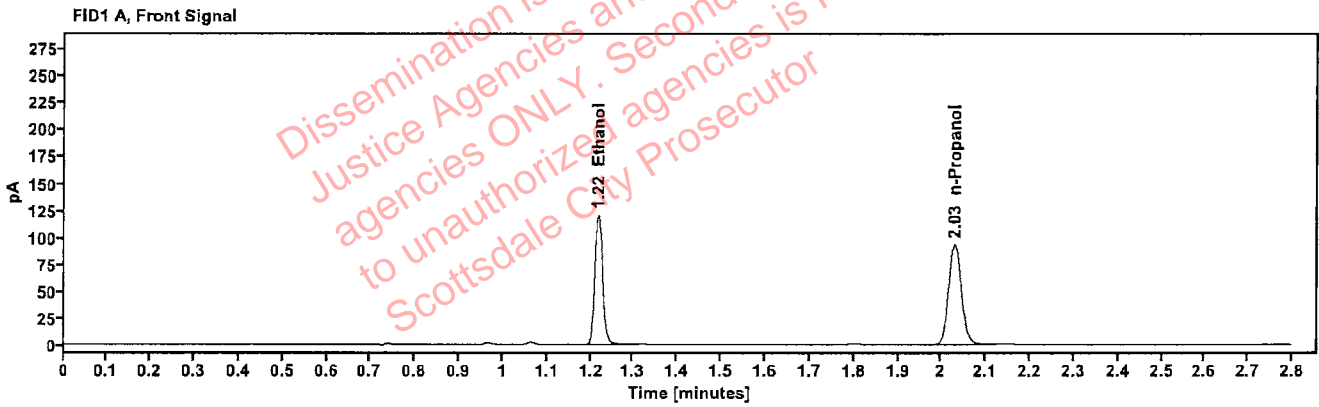


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2318	1.218	153.139
n-Propanol	---	2.030	185.582

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

Compound	Time (min)	Peak Area
Ethanol	1.367	168.106
n-Propanol	2.454	201.152

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425007-1	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 2:28:16 PM
Data file:	C:\Chem32\1\Data\17Dec24\26.D	Analyst:	Brooke

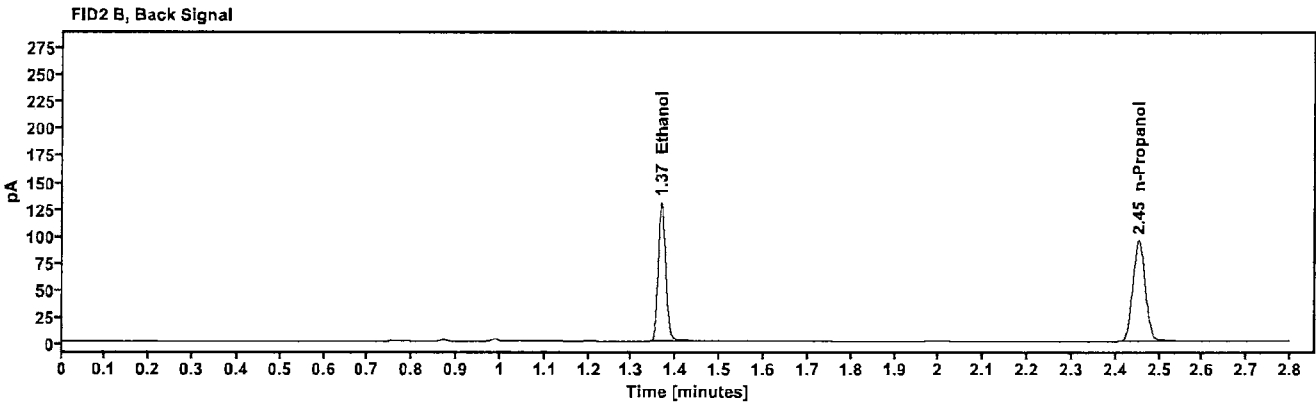
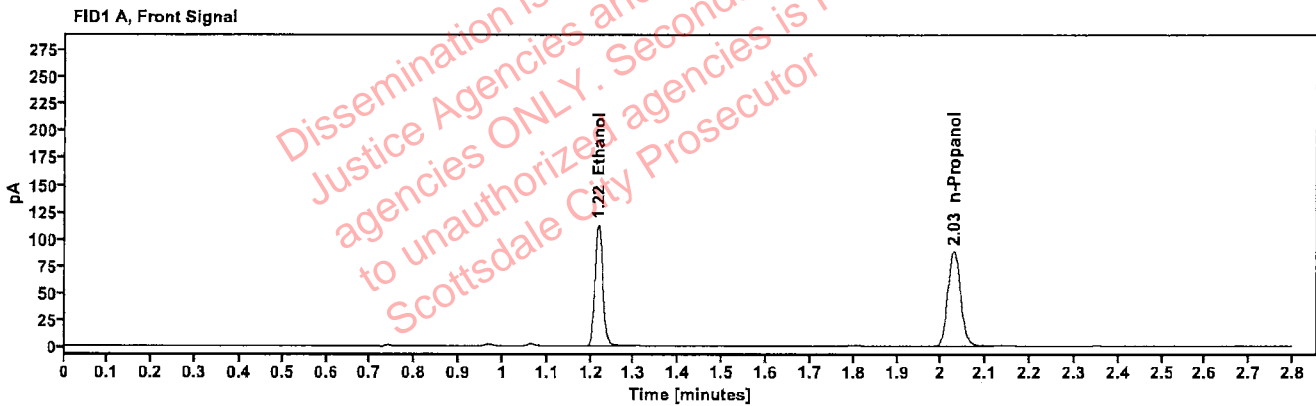


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2291	1.217	143.096
n-Propanol	---	2.028	175.467

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

Compound	Time (min)	Peak Area
Ethanol	1.366	157.303
n-Propanol	2.452	189.838

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425057-1	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 2:32:17 PM
Data file:	C:\Chem32\1\Data\17Dec24\27.D	Analyst:	Brooke

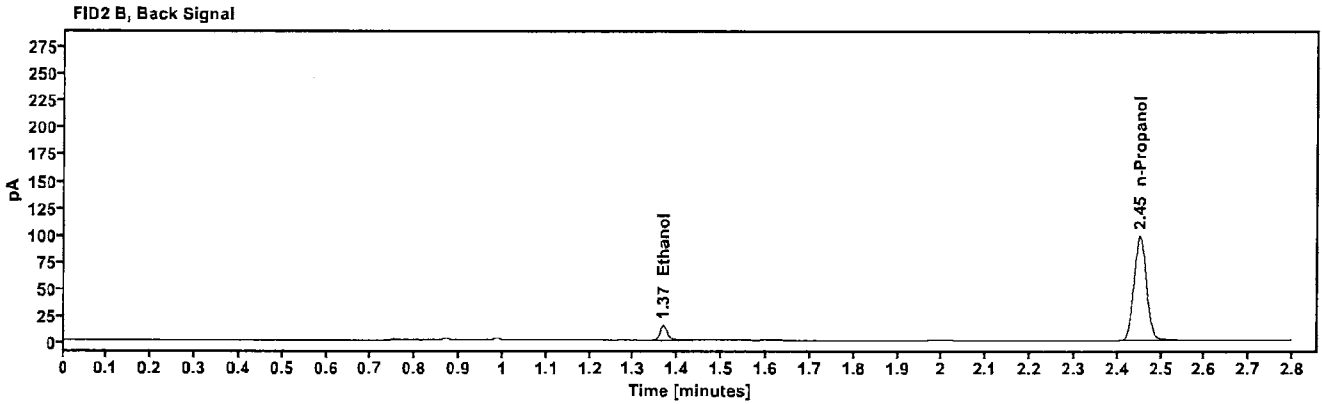
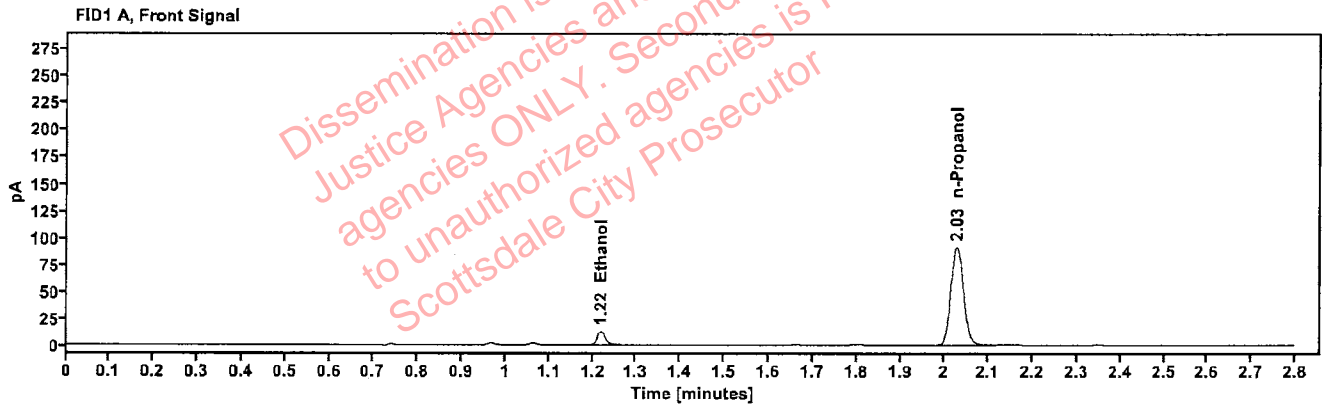


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0275	1.219	16.329
n-Propanol	---	2.027	182.283

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

Compound	Time (min)	Peak Area
Ethanol	1.367	18.135
n-Propanol	2.451	197.710

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425057-1	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 2:36:18 PM
Data file:	C:\Chem32\1\Data\17Dec24\28.D	Analyst:	Brooke

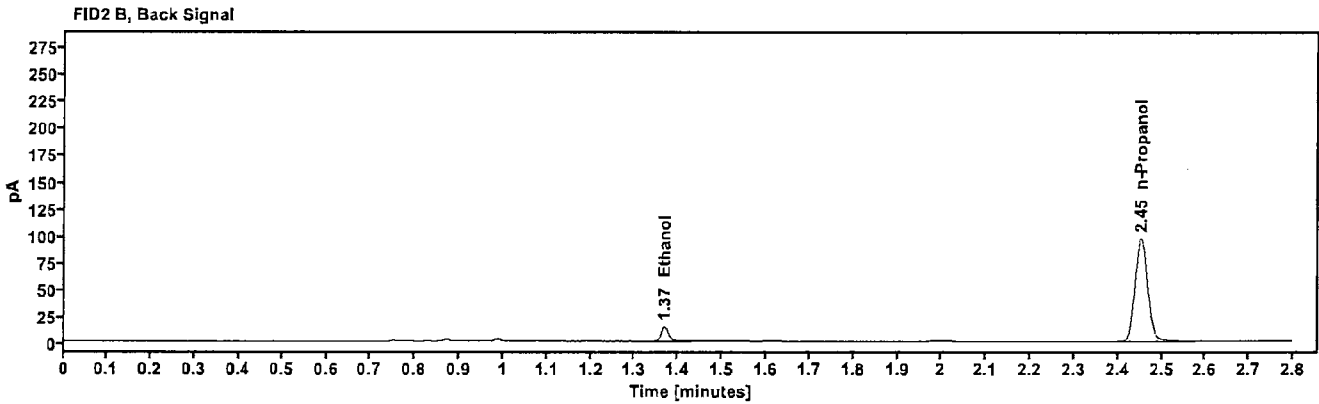
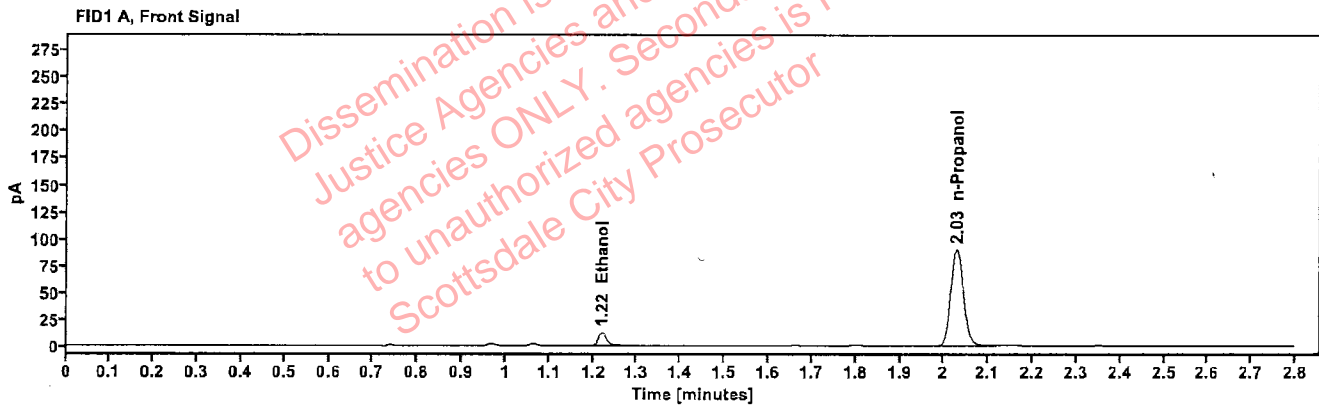


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0271	1.220	15.784
n-Propanol	---	2.029	178.931

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

Compound	Time (min)	Peak Area
Ethanol	1.368	17.555
n-Propanol	2.453	194.356

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425068-2	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 2:40:18 PM
Data file:	C:\Chem32\1\Data\17Dec24\29.D	Analyst:	Brooke

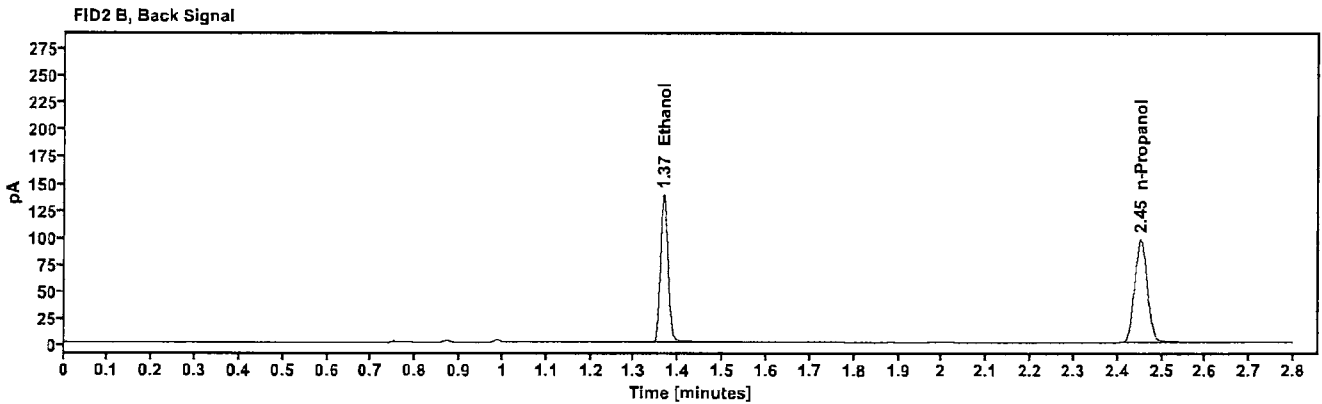
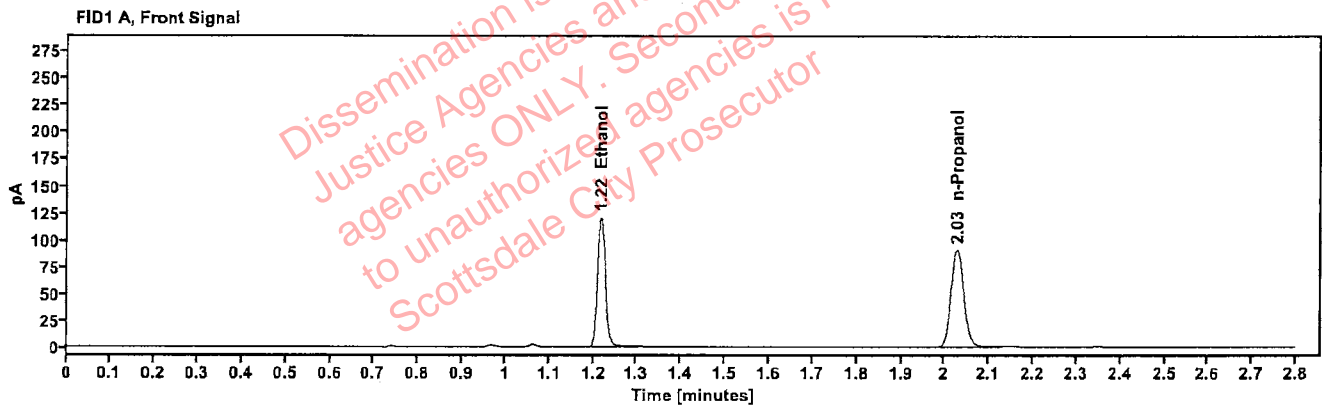


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2373	1.217	152.839
n-Propanol	-----	2.028	180.855

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

Compound	Time (min)	Peak Area
Ethanol	1.366	167.874
n-Propanol	2.452	195.962

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425068-2	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 2:44:18 PM
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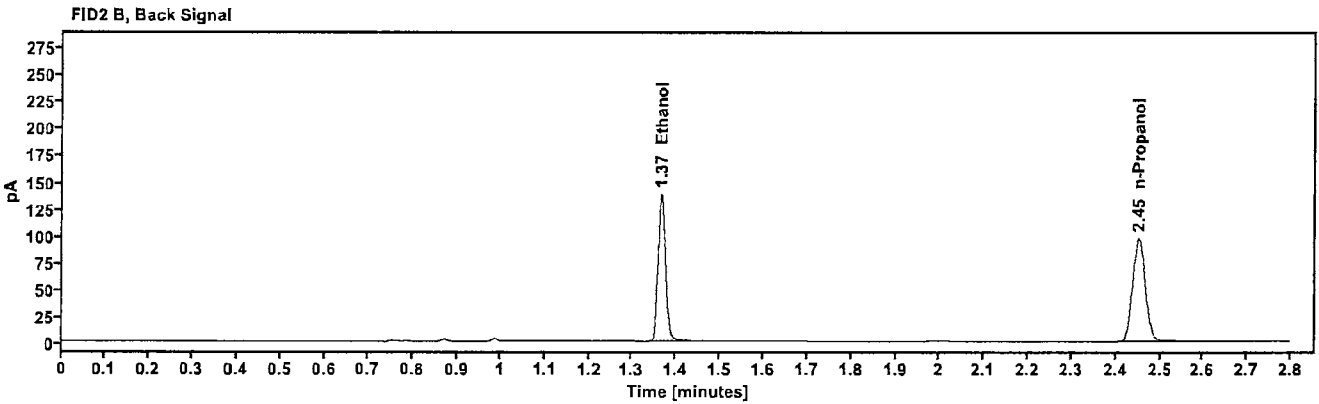
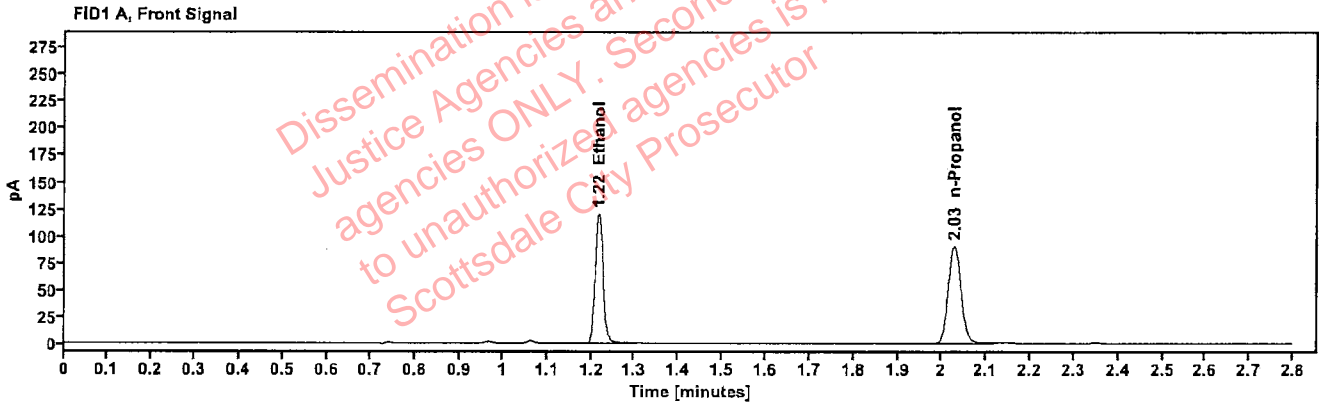


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2378	1.217	152.662
n-Propanol	—	2.028	180.253

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

Compound	Time (min)	Peak Area
Ethanol	1.366	167.157
n-Propanol	2.452	195.363

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425071-1	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 2:52:32 PM
Data file:	C:\Chem32\1\Data\17Dec24\32.D	Analyst:	Brooke

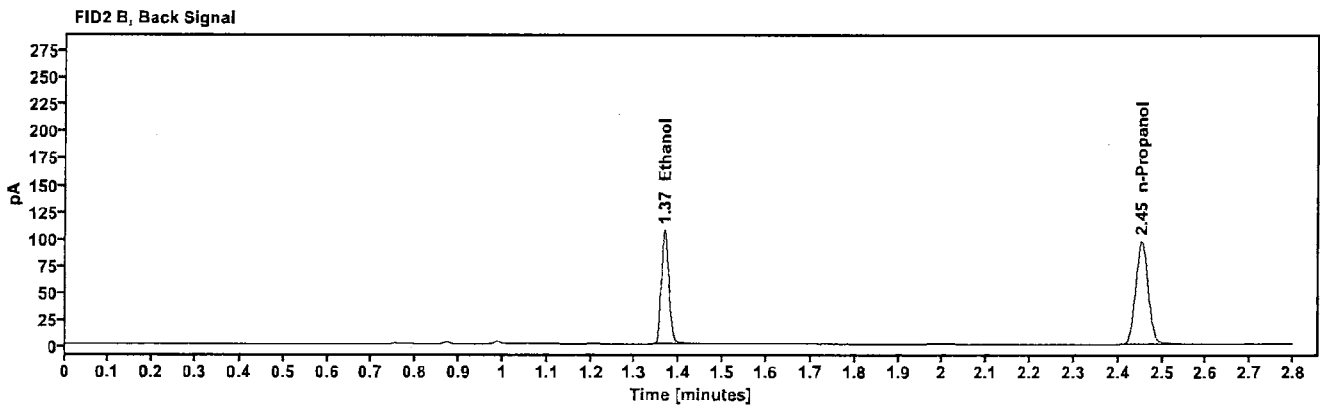
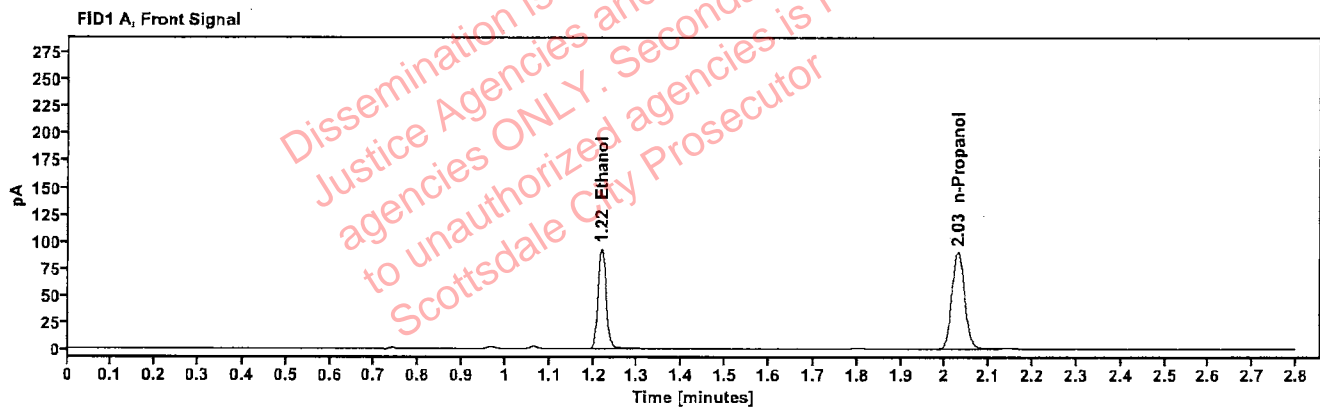


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1854	1.218	118.276
n-Propanol	—	2.029	179.737

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

Compound	Time (min)	Peak Area
Ethanol	1.367	129.422
n-Propanol	2.453	194.344

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425071-1	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 2:56:33 PM
Data file:	C:\Chem32\1\Data\17Dec24\33.D	Analyst:	Brooke

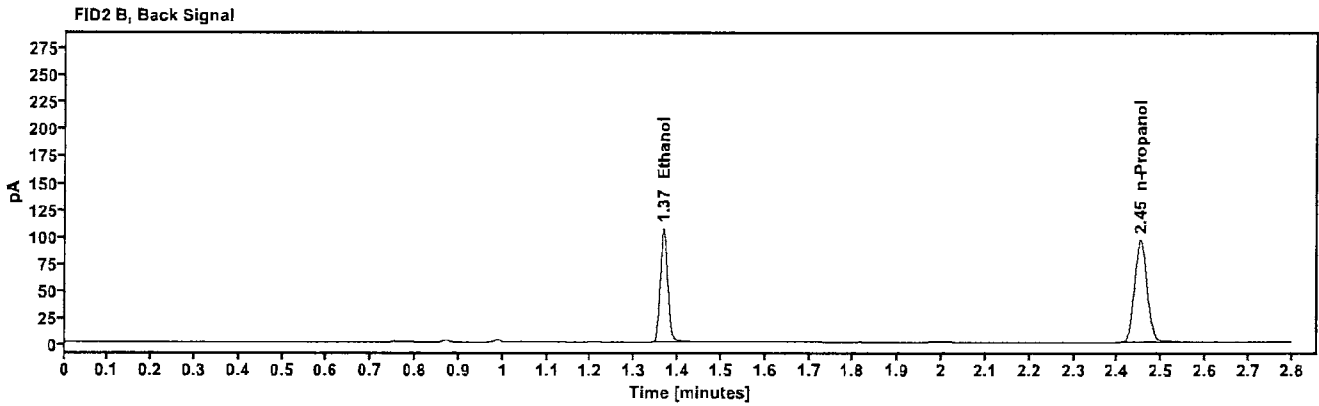
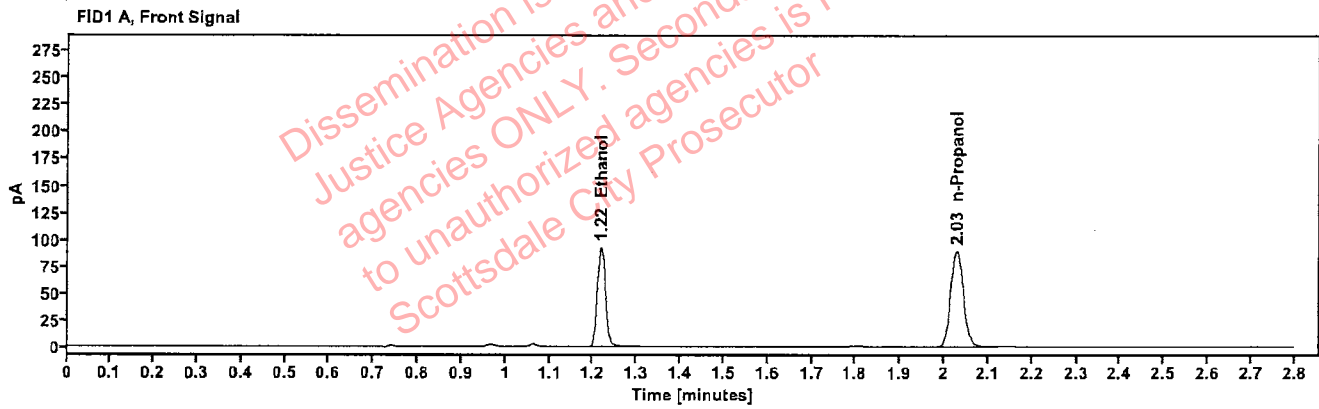


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1863	1.217	117.919
n-Propanol	---	2.028	178.296

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

Compound	Time (min)	Peak Area
Ethanol	1.366	129.078
n-Propanol	2.452	192.822

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425077-2	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 3:00:33 PM
Data file:	C:\Chem32\1\Data\17Dec24\34.D	Analyst:	Brooke

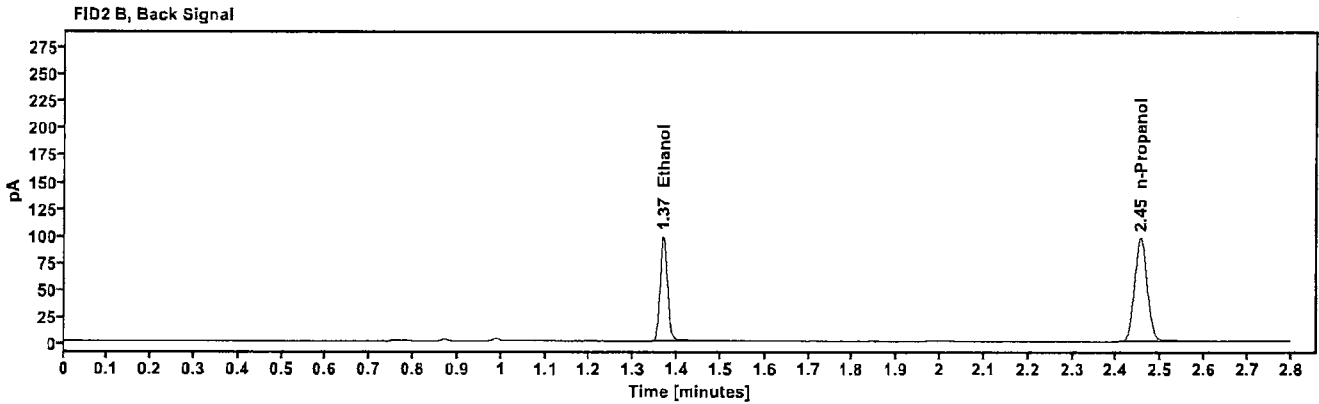
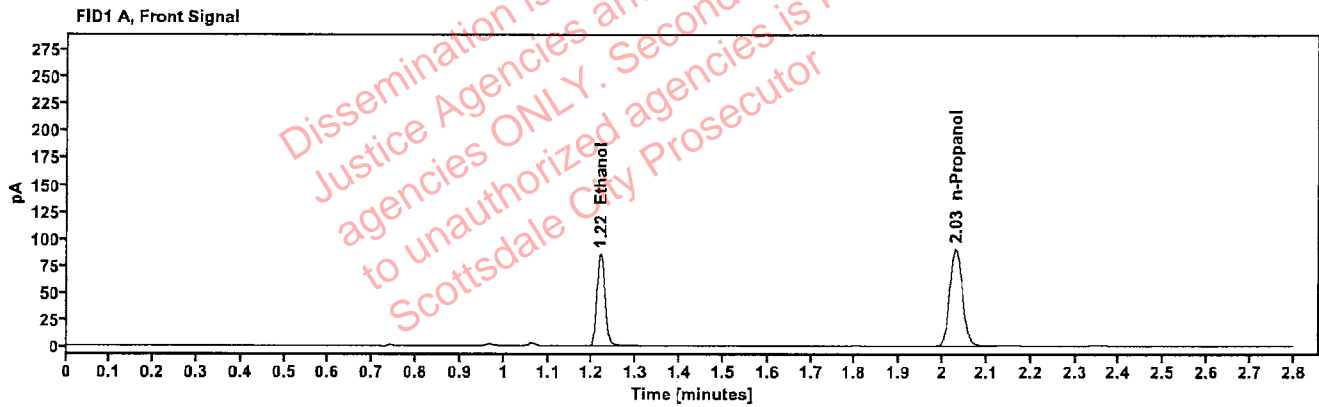


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1704	1.218	108.754
n-Propanol	-----	2.030	180.052

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

Compound	Time (min)	Peak Area
Ethanol	1.367	119.149
n-Propanol	2.454	195.212

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425077-2	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 3:04:32 PM
Data file:	C:\Chem32\1\Data\17Dec24\35.D	Analyst:	Brooke

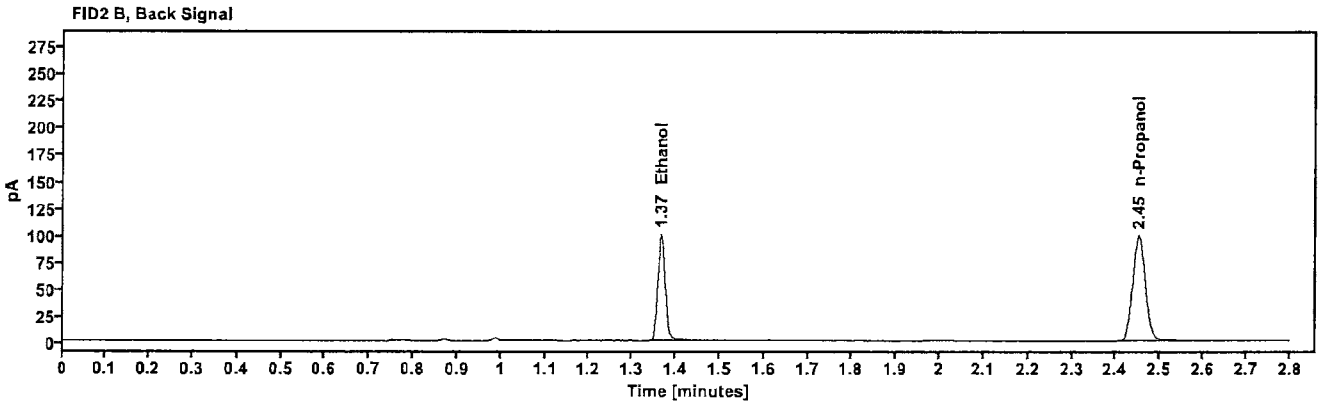
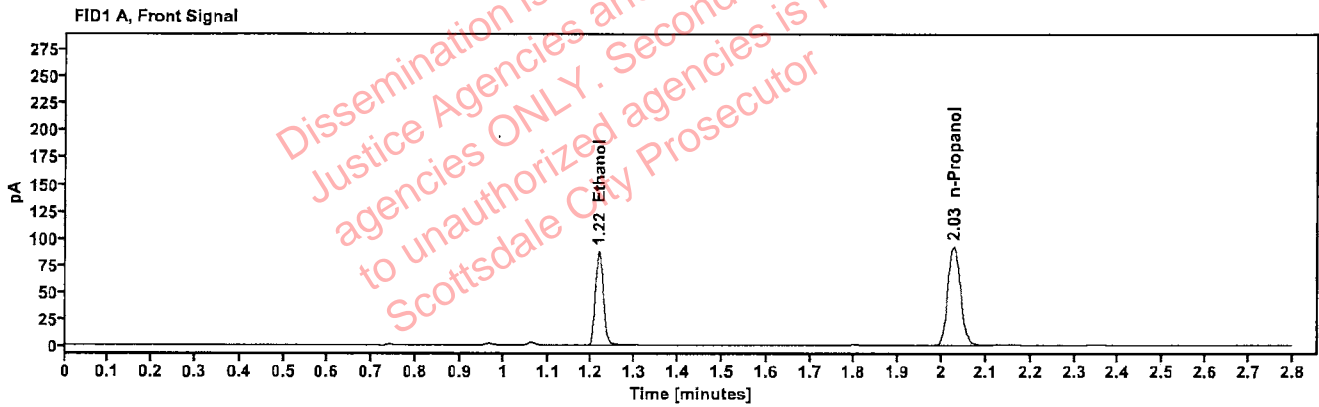


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1708	1.217	111.035
n-Propanol	---	2.027	183.357

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

Compound	Time (min)	Peak Area
Ethanol	1.366	121.583
n-Propanol	2.451	198.572

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425086-2	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 3:08:33 PM
Data file:	C:\Chem32\1\Data\17Dec24\36.D	Analyst:	Brooke

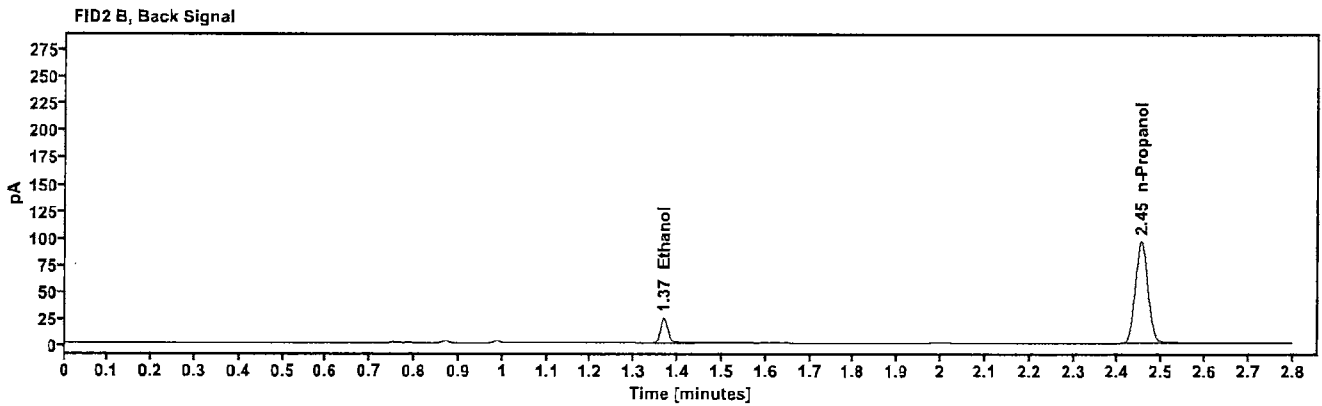
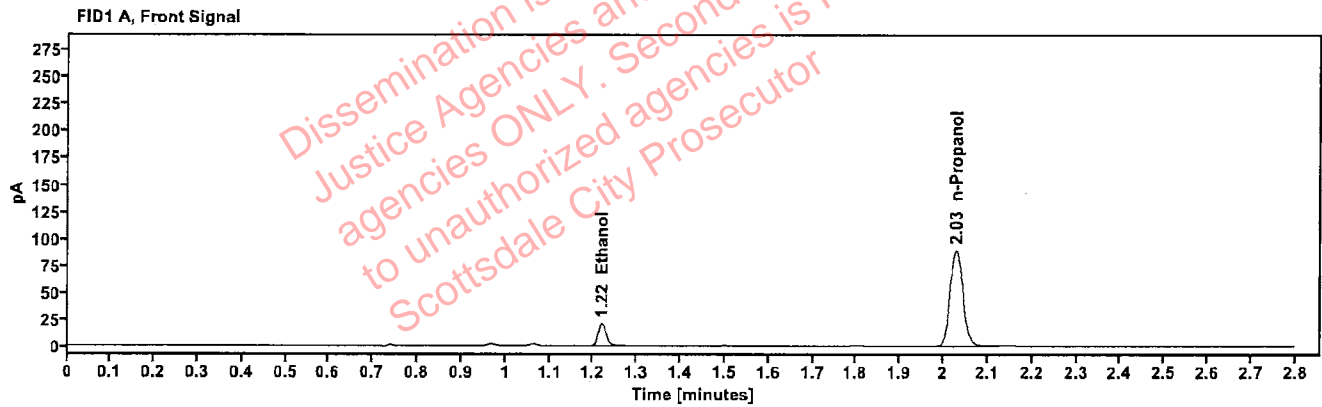


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0440	1.219	26.597
n-Propanol	---	2.029	178.471

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

Compound	Time (min)	Peak Area
Ethanol	1.367	29.410
n-Propanol	2.453	193.454

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425086-2	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 3:12:46 PM
Data file:	C:\Chem32\1\Data\17Dec24\37.D	Analyst:	Brooke

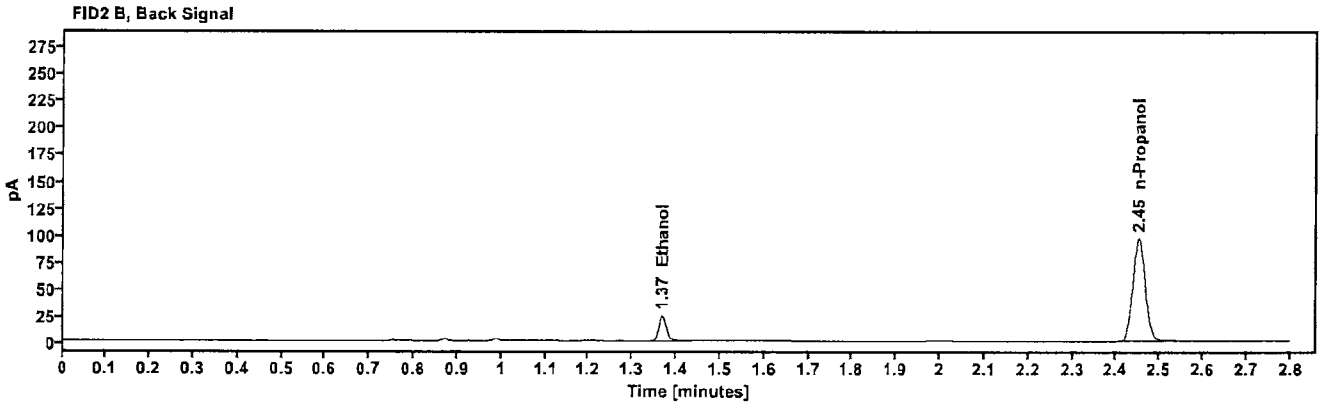
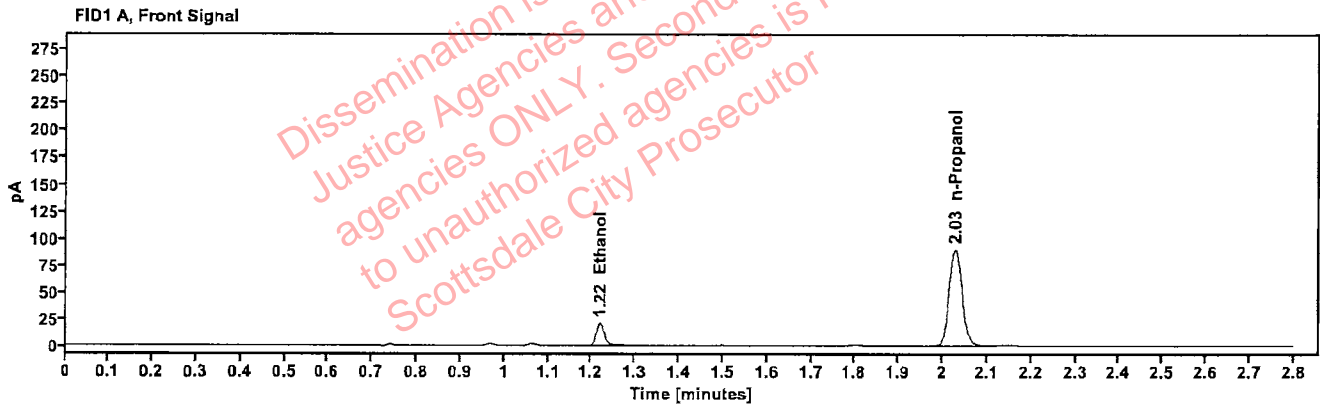


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0438	1.219	26.595
n-Propanol	-----	2.028	179.131

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

Compound	Time (min)	Peak Area
Ethanol	1.367	29.472
n-Propanol	2.452	194.411

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424657-1	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 3:16:47 PM
Data file:	C:\Chem32\1\Data\17Dec24\38.D	Analyst:	Brooke

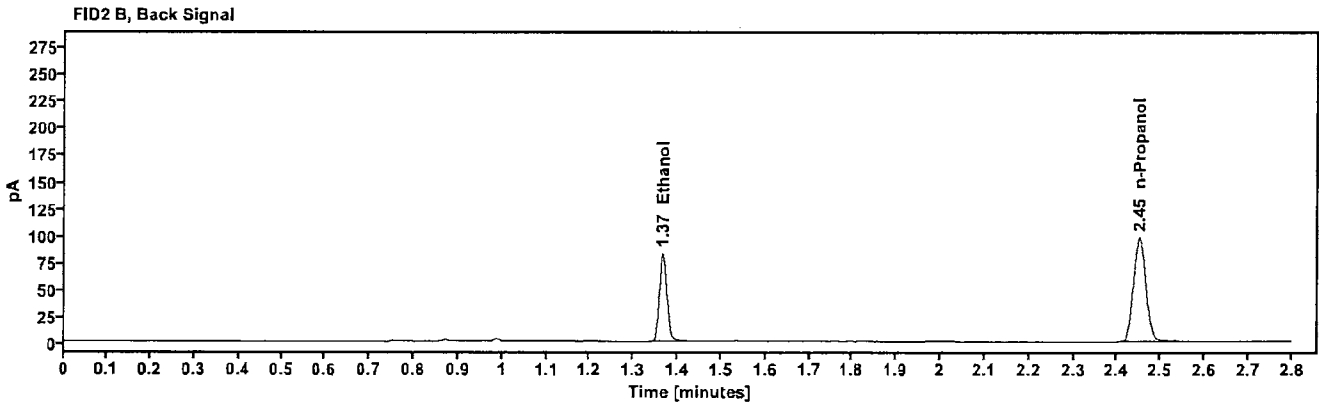
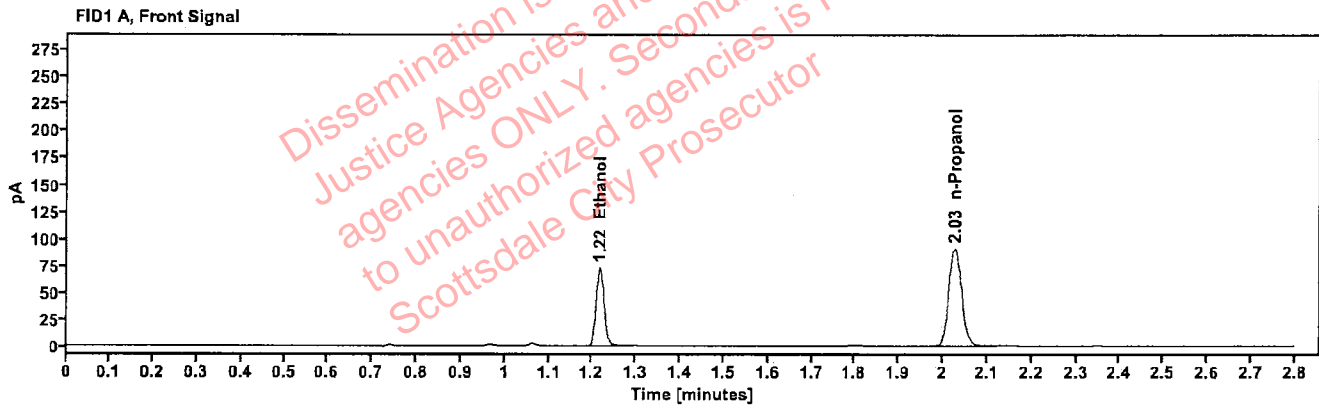


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1437	1.217	91.903
n-Propanol	—	2.027	180.906

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

Compound	Time (min)	Peak Area
Ethanol	1.366	100.141
n-Propanol	2.451	195.595

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424657-1	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 3:20:48 PM
Data file:	C:\Chem32\1\Data\17Dec24\39.D	Analyst:	Brooke

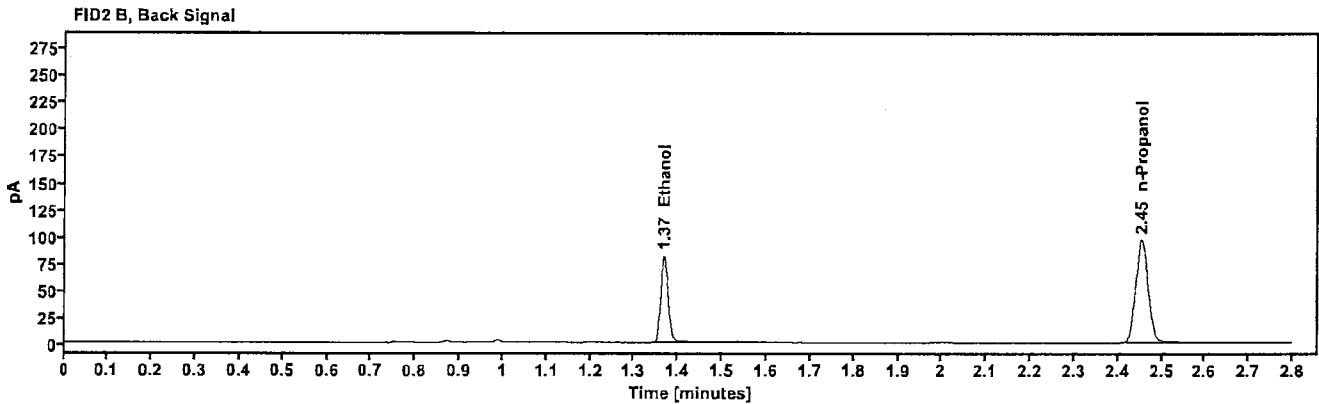
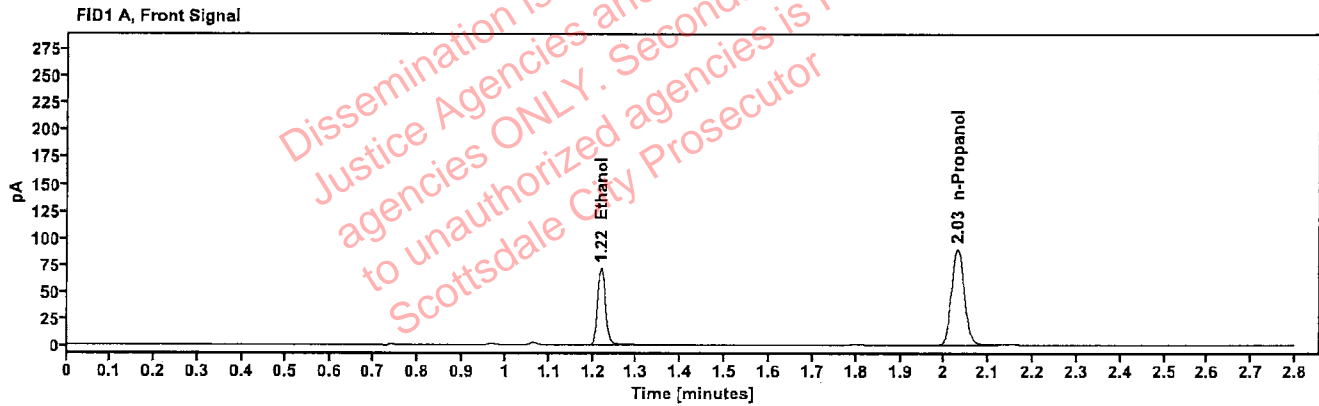


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1433	1.218	90.434
n-Propanol	-----	2.030	178.487

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

Compound	Time (min)	Peak Area
Ethanol	1.367	98.787
n-Propanol	2.454	193.496

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01A.M.	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 3:24:48 PM
Data file:	C:\Chem32\1\Data\17Dec24\40.D	Analyst:	Brooke

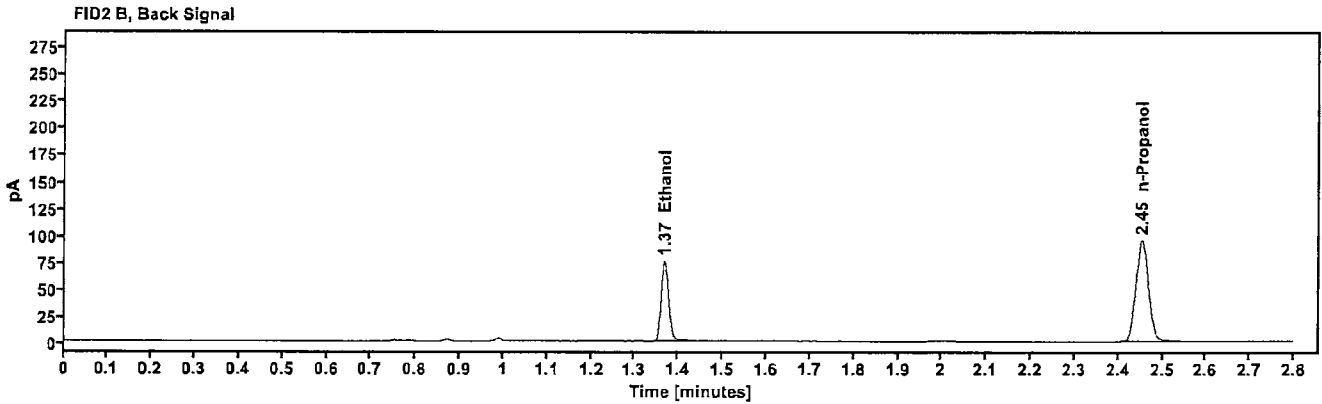
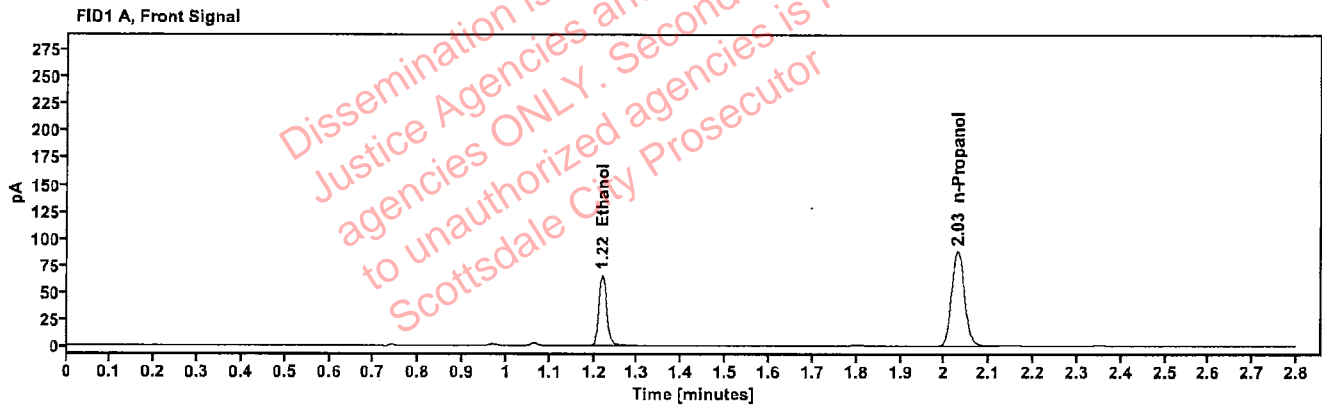


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1340	1.219	83.131
n-Propanol	---	2.029	175.684

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

Compound	Time (min)	Peak Area
Ethanol	1.367	90.649
n-Propanol	2.453	190.183

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01A.M.	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 3:28:48 PM
Data file:	C:\Chem32\1\Data\17Dec24\41.D	Analyst:	Brooke

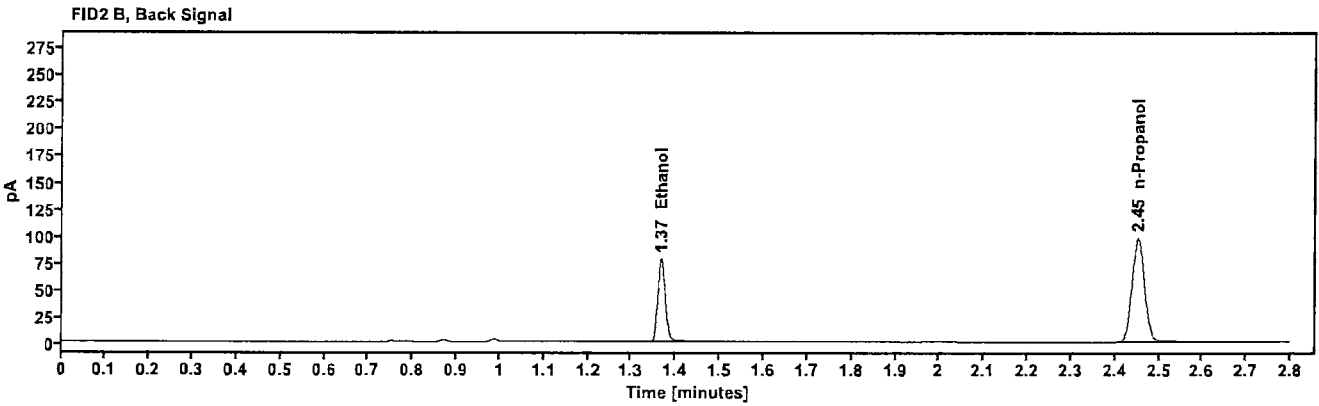
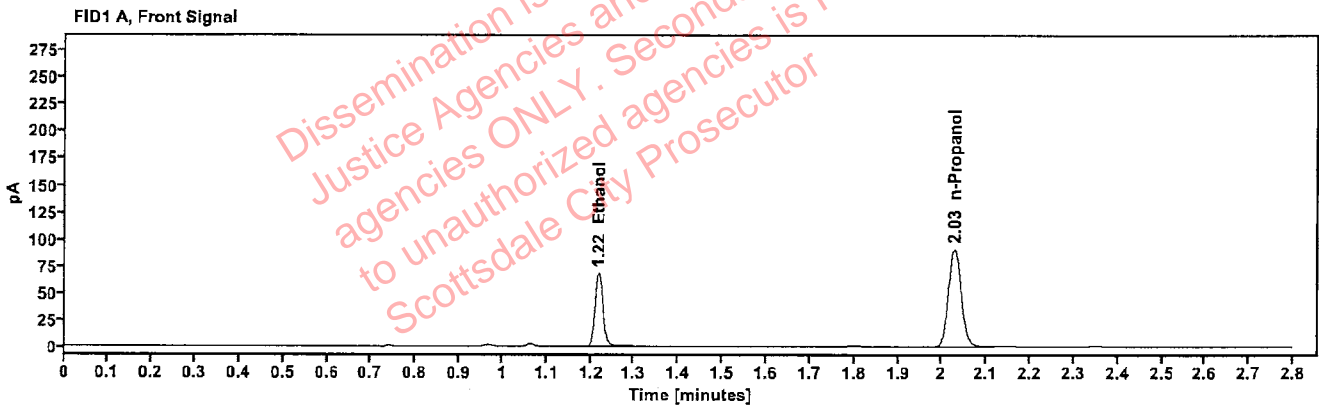


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1353	1.217	86.524
n-Propanol	---	2.028	181.090

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

Compound	Time (min)	Peak Area
Ethanol	1.366	94.459
n-Propanol	2.452	196.024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	437-01E.B.	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 3:37:02 PM
Data file:	C:\Chem32\1\Data\17Dec24\43.D	Analyst:	Brooke

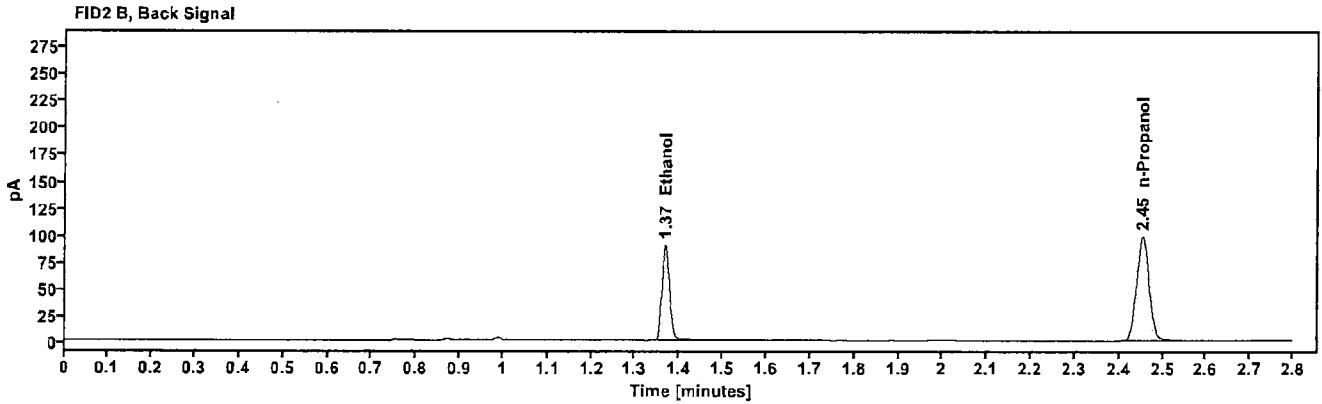
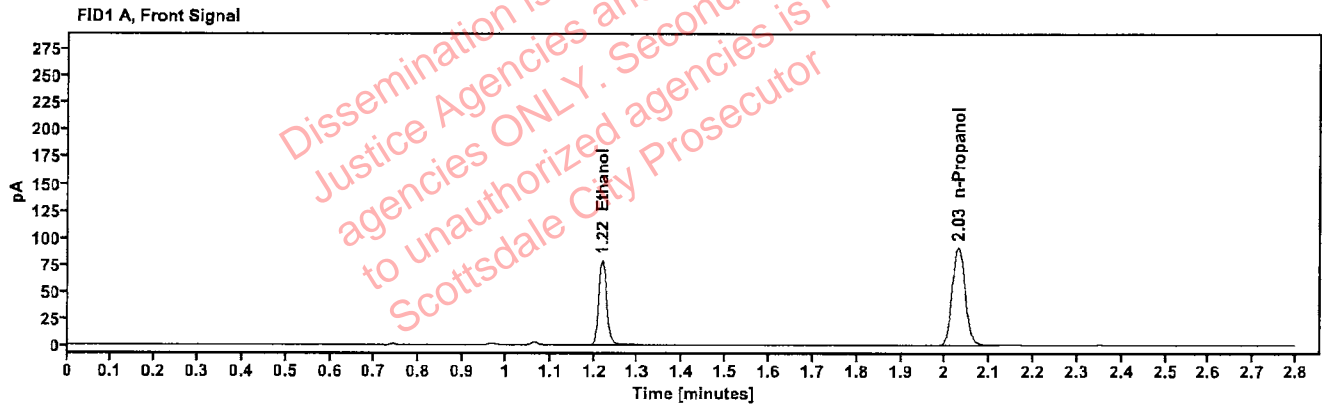


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1554	1.218	100.160
n-Propanol	---	2.029	182.010

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

Compound	Time (min)	Peak Area
Ethanol	1.367	109.137
n-Propanol	2.453	197.031

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	437-01E.B.	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 3:41:02 PM
Data file:	C:\Chem32\1\Data\17Dec24\44.D	Analyst:	Brooke

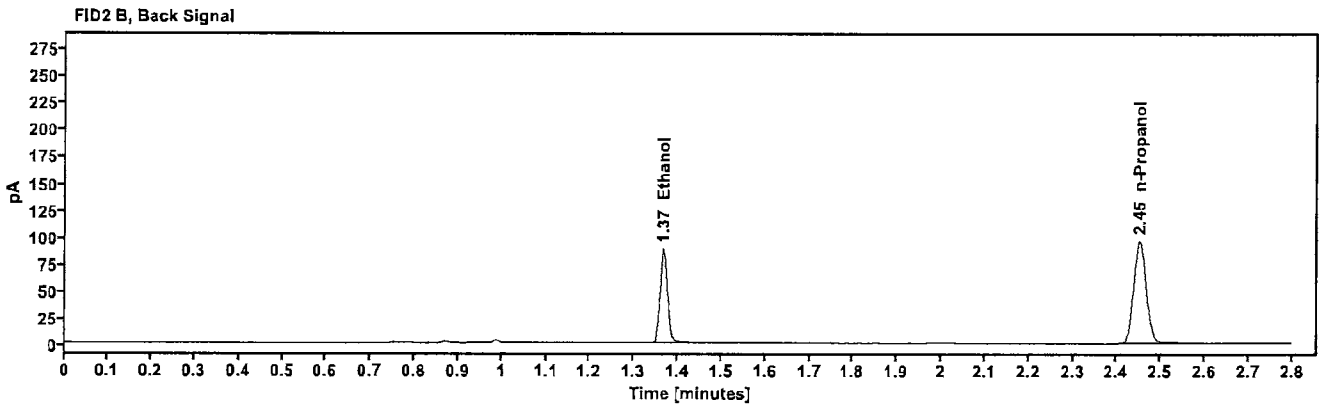
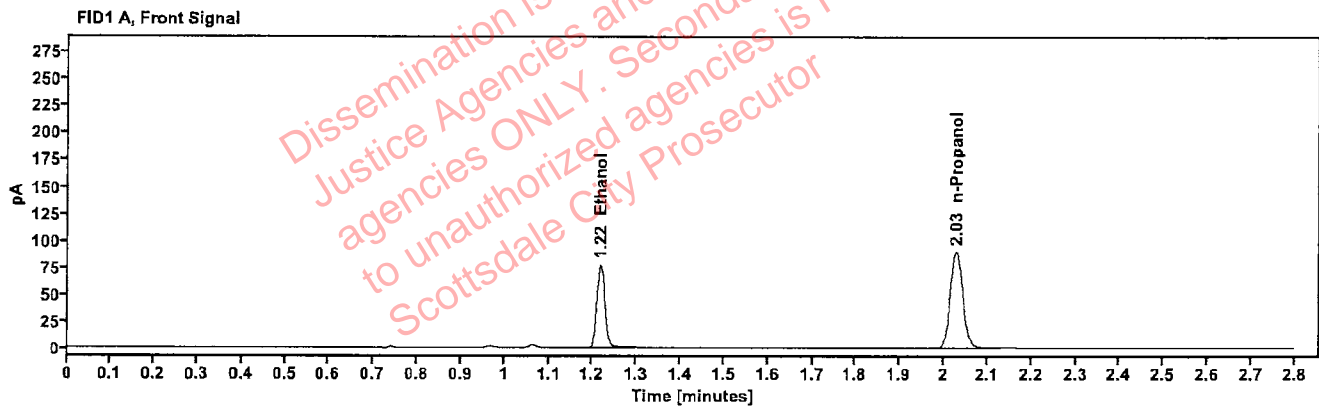


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1549	1.217	98.232
n-Propanol	-----	2.028	179.101

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

Compound	Time (min)	Peak Area
Ethanol	1.366	107.062
n-Propanol	2.452	193.713

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01T.S.	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 3:45:02 PM
Data file:	C:\Chem32\1\Data\17Dec24\45.D	Analyst:	Brooke

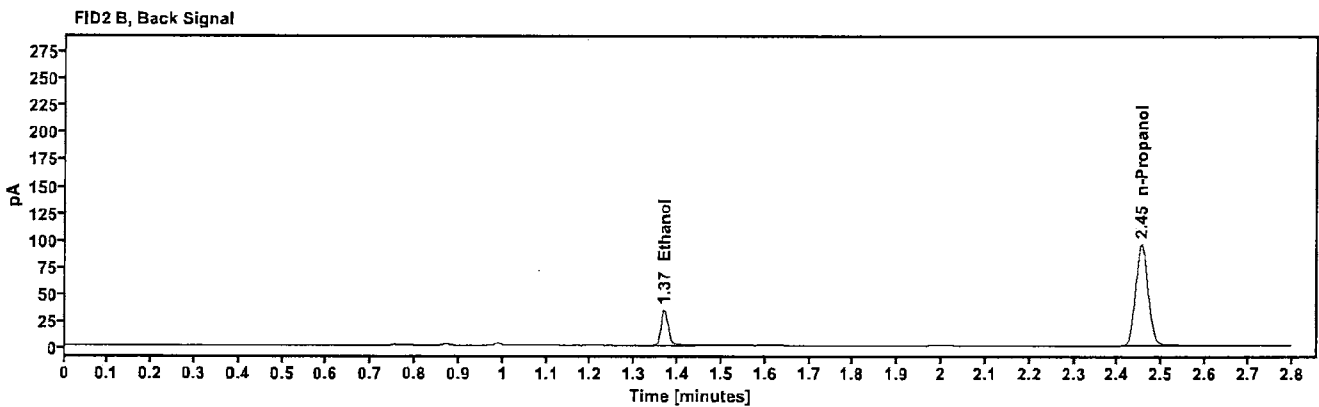
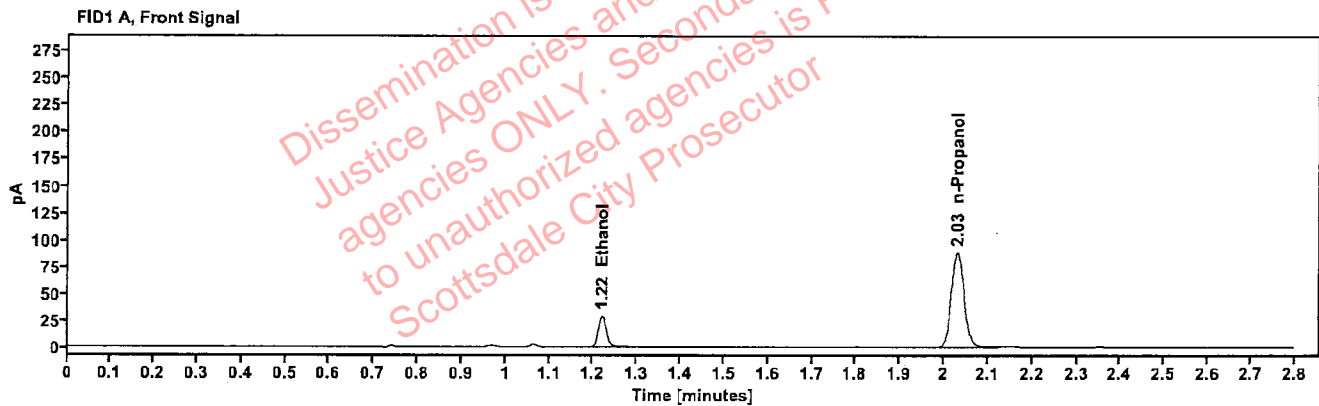


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0612	1.219	37.290
n-Propanol	-----	2.030	176.737

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

Compound	Time (min)	Peak Area
Ethanol	1.368	41.166
n-Propanol	2.454	191.605

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01T.S.	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 3:49:03 PM
Data file:	C:\Chem32\1\Data\17Dec24\46.D	Analyst:	Brooke

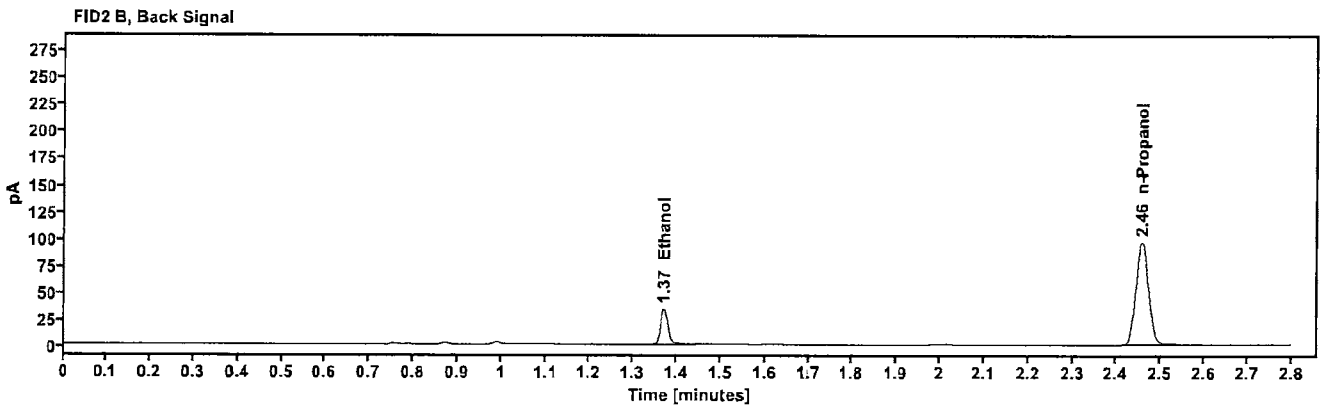
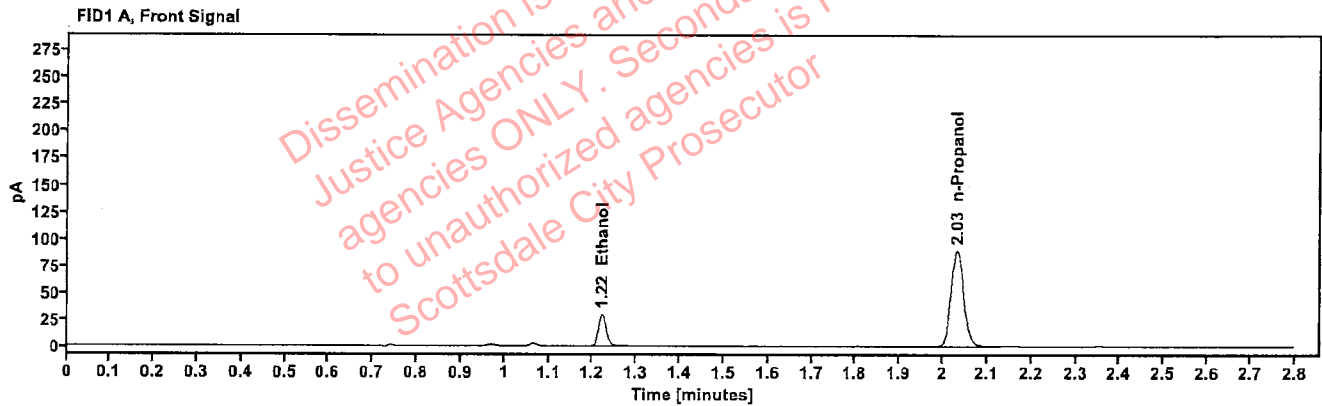


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0610	1.221	37.558
n-Propanol	---	2.032	178.551

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

Compound	Time (min)	Peak Area
Ethanol	1.370	41.503
n-Propanol	2.457	193.389

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01S.J.	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 3:53:03 PM
Data file:	C:\Chem32\1\Data\17Dec24\47.D	Analyst:	Brooke

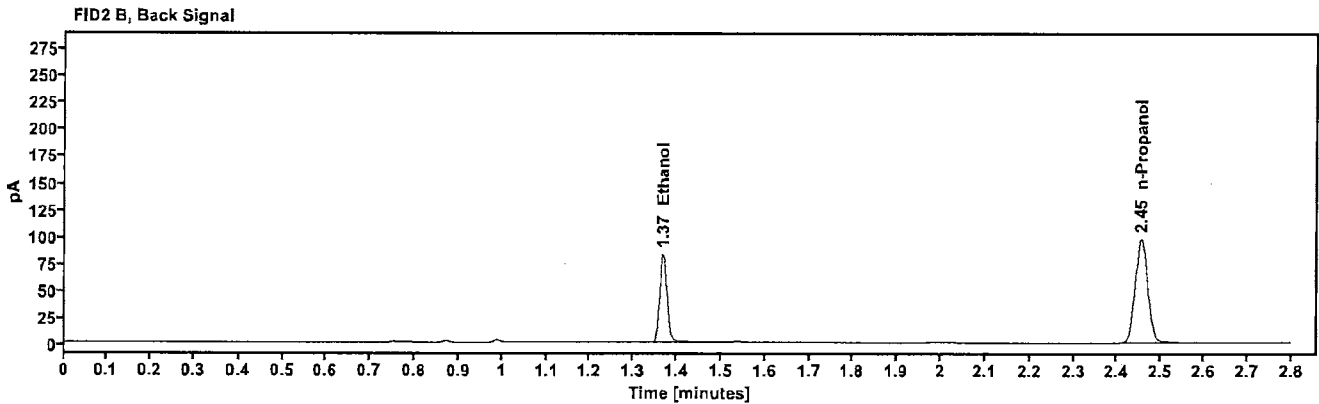
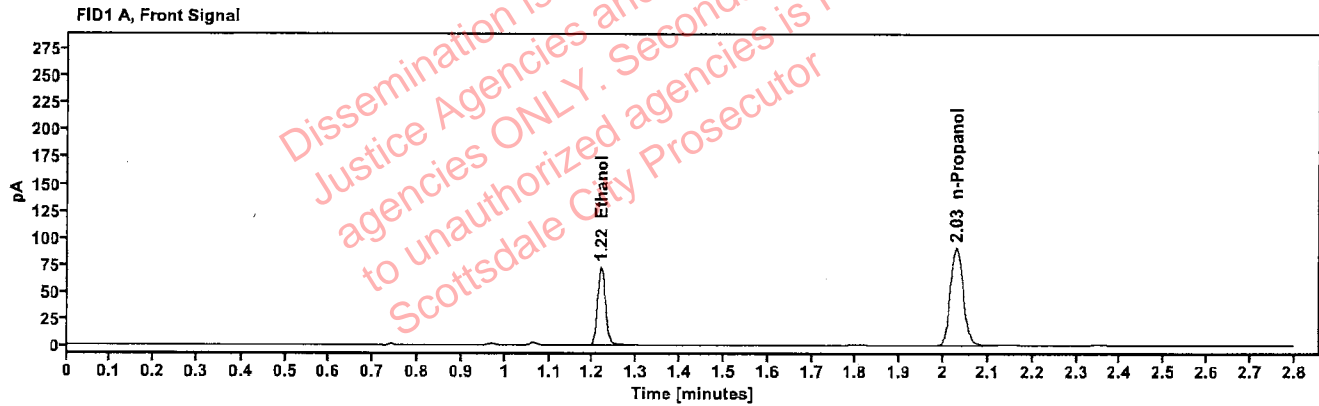


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1436	1.218	92.007
n-Propanol	---	2.029	181.173

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

Compound	Time (min)	Peak Area
Ethanol	1.367	100.526
n-Propanol	2.453	196.338

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01S.J.	Vial:	48
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 3:57:02 PM
Data file:	C:\Chem32\1\Data\17Dec24\48.D	Analyst:	Brooke

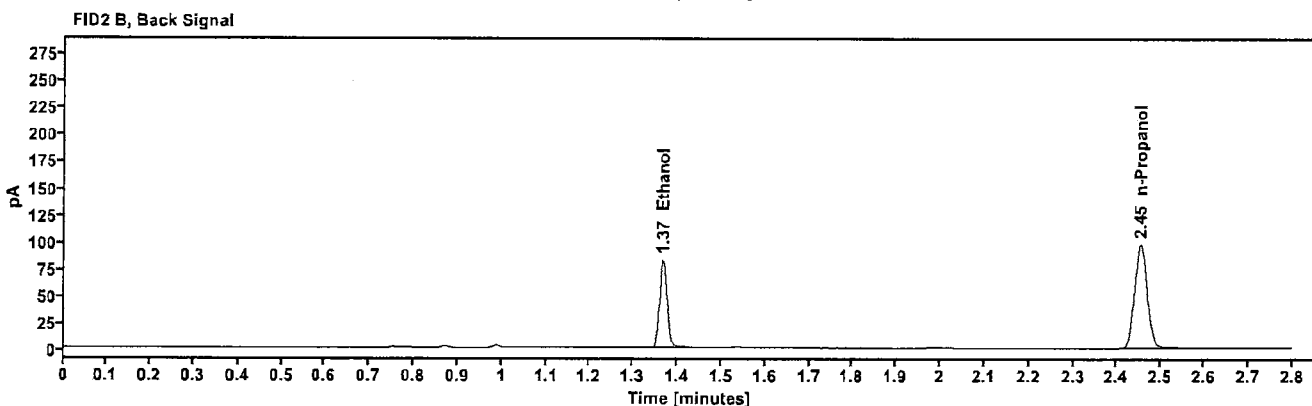
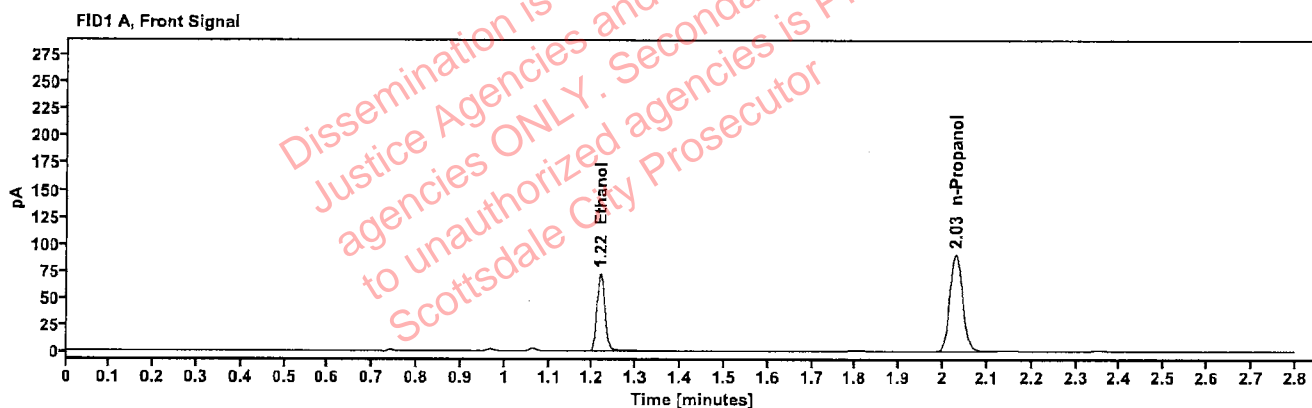


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1436	1.218	91.815
n-Propanol	—	2.029	180.805

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

Compound	Time (min)	Peak Area
Ethanol	1.367	100.310
n-Propanol	2.453	196.209

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01A.A.	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 4:01:17 PM
Data file:	C:\Chem32\1\Data\17Dec24\49.D	Analyst:	Brooke

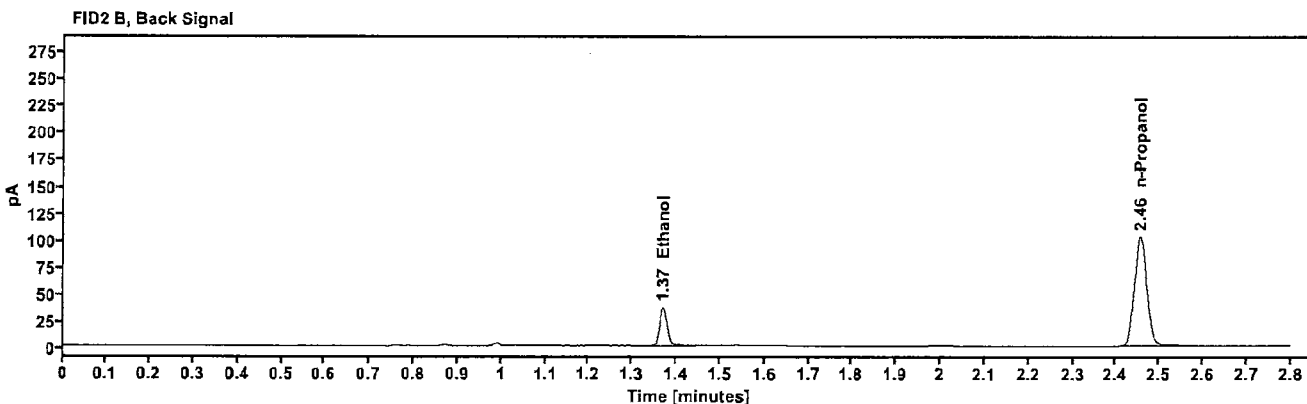
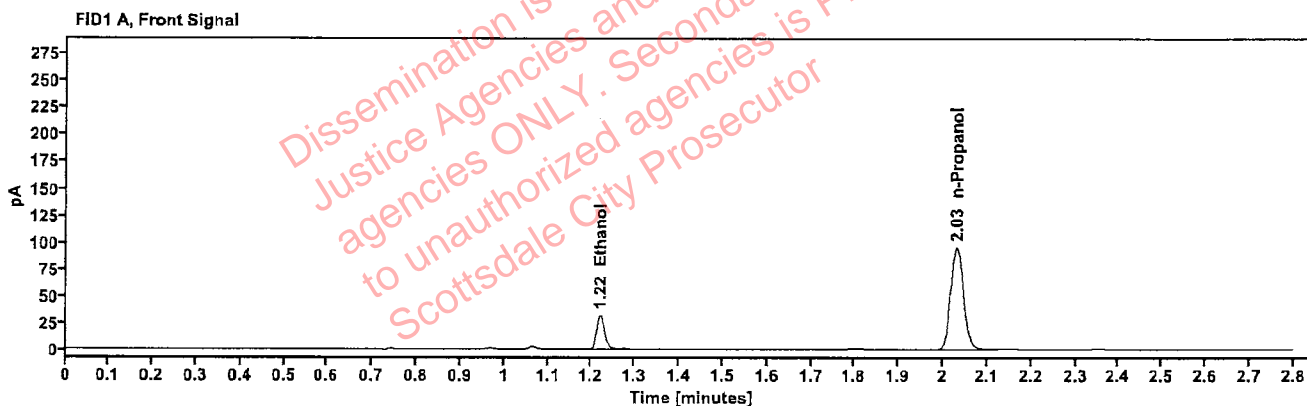


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0617	1.220	40.492
n-Propanol	—	2.031	190.143

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

Compound	Time (min)	Peak Area
Ethanol	1.369	44.725
n-Propanol	2.455	206.131

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01A.A.	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 4:05:17 PM
Data file:	C:\Chem32\1\Data\17Dec24\50.D	Analyst:	Brooke

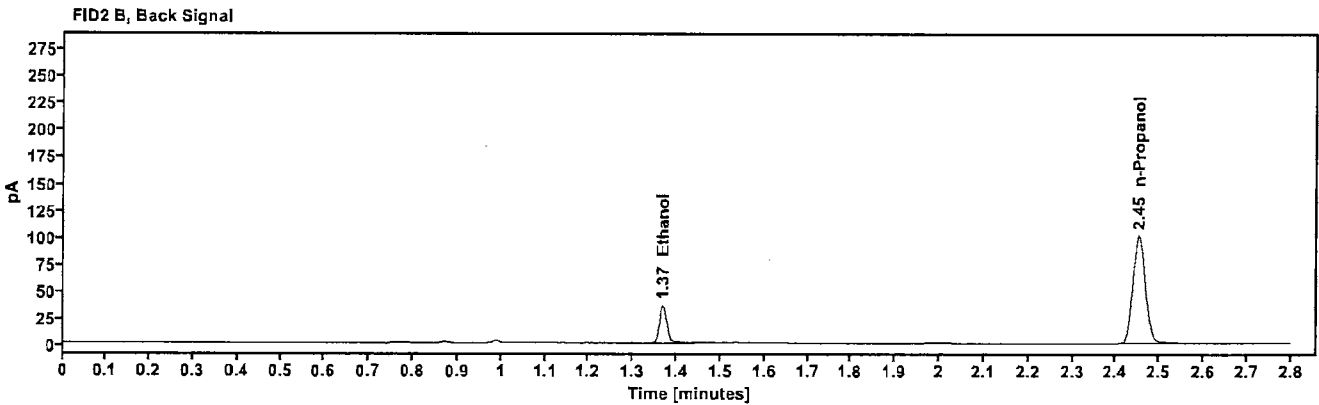
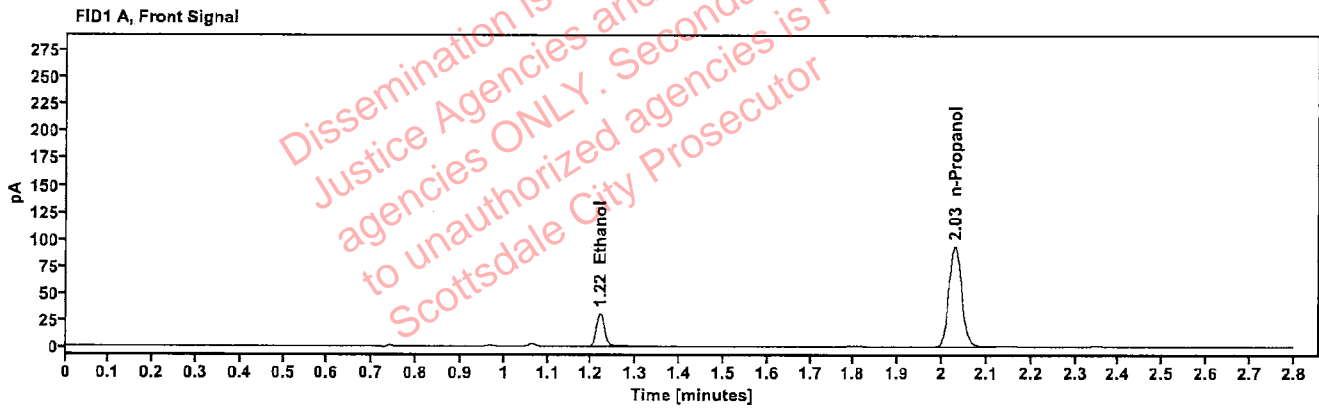


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0615	1.219	39.733
n-Propanol	----	2.029	187.355

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

Compound	Time (min)	Peak Area
Ethanol	1.367	43.875
n-Propanol	2.453	202.795

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	383-01K.S.	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 4:09:18 PM
Data file:	C:\Chem32\1\Data\17Dec24\51.D	Analyst:	Brooke

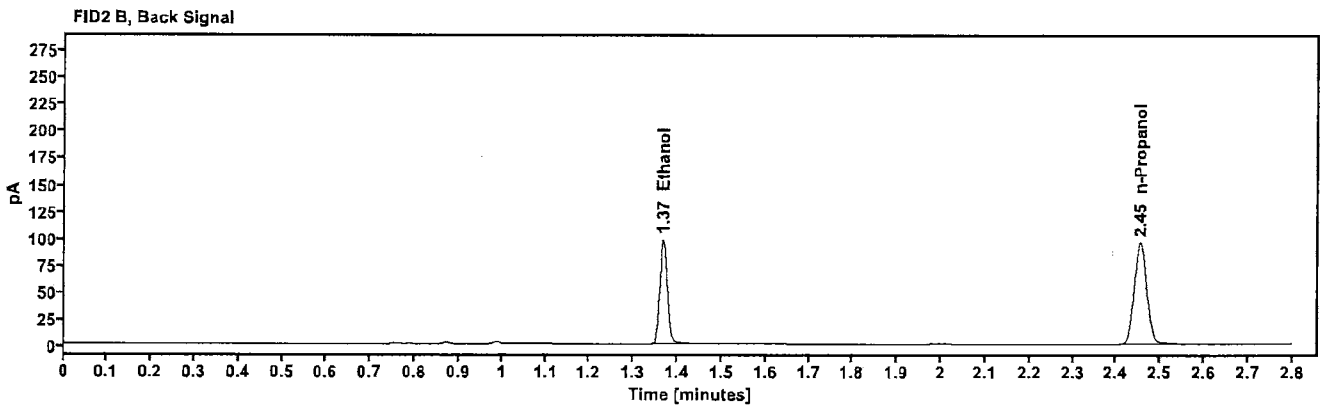
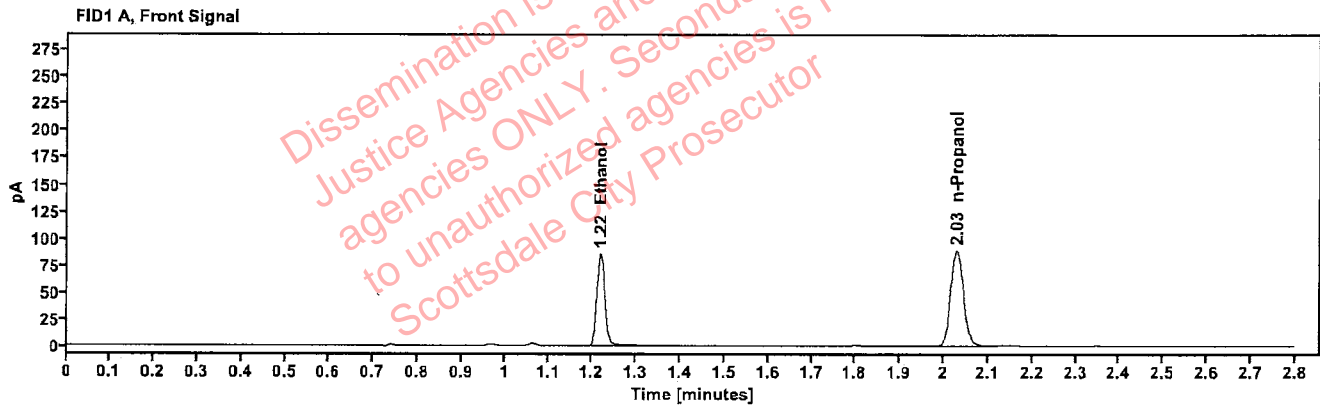


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1728	1.218	108.484
n-Propanol	---	2.029	177.013

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

Compound	Time (min)	Peak Area
Ethanol	1.367	118.726
n-Propanol	2.454	191.663

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	383-01K.S.	Vial:	52
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 4:13:18 PM
Data file:	C:\Chem32\1\Data\17Dec24\52.D	Analyst:	Brooke

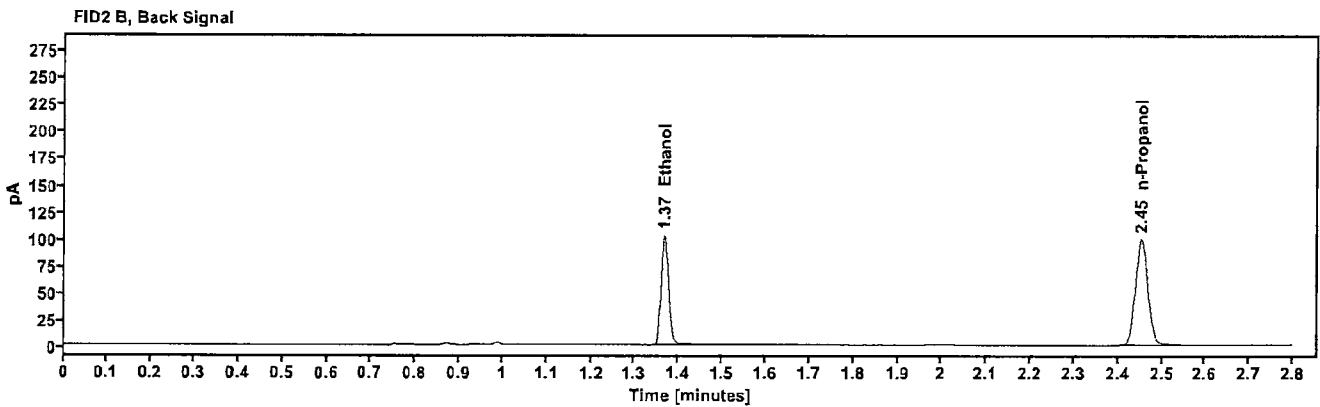
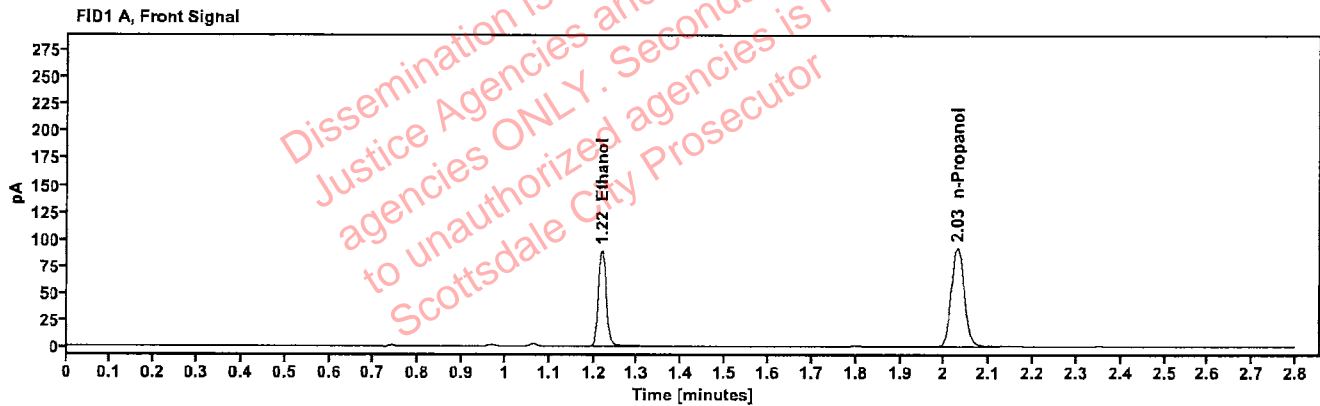


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1739	1.218	113.818
n-Propanol	---	2.029	184.486

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

Compound	Time (min)	Peak Area
Ethanol	1.367	124.508
n-Propanol	2.453	199.587

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	441-01T.M.	Vial:	54
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 4:21:18 PM
Data file:	C:\Chem32\1\Data\17Dec24\54.D	Analyst:	Brooke

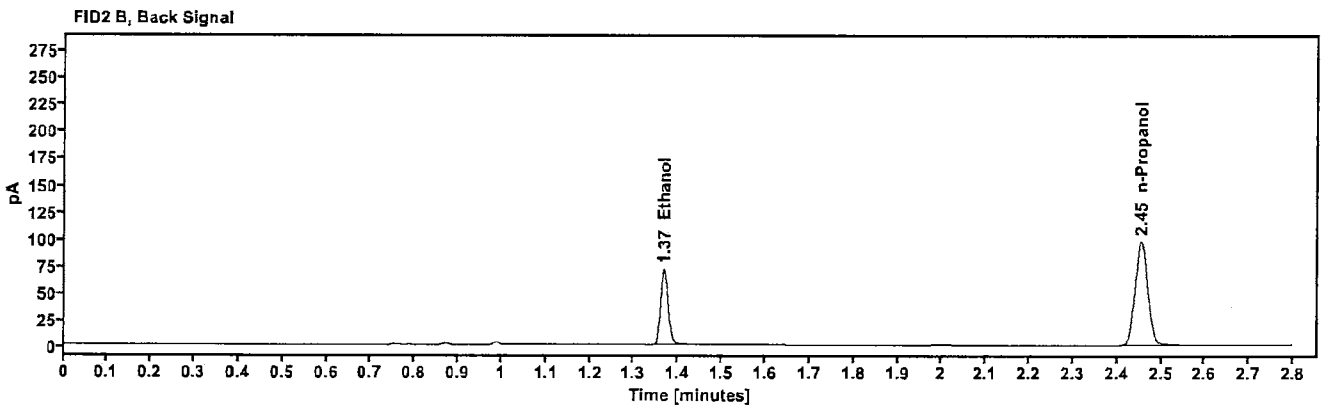
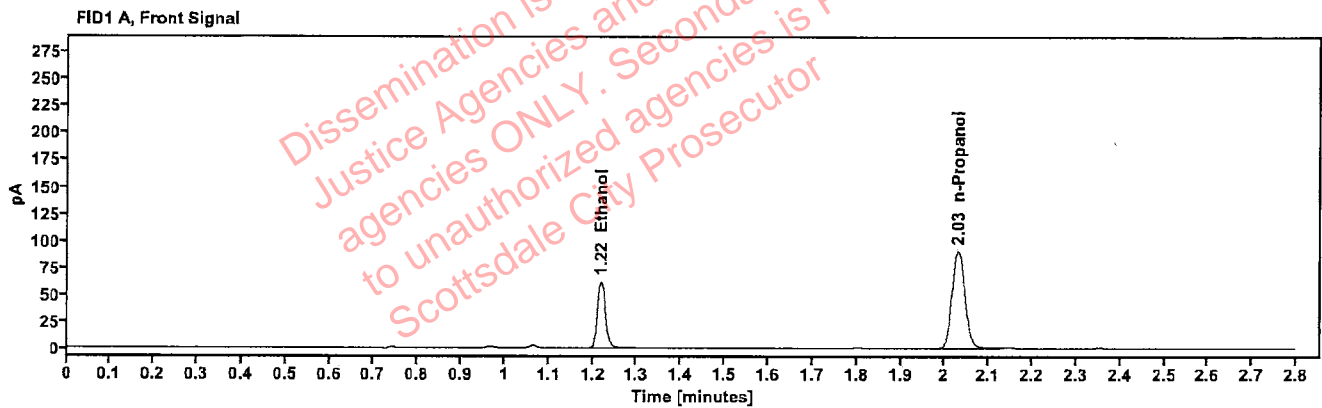


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1237	1.218	79.116
n-Propanol	—	2.030	181.451

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

Compound	Time (min)	Peak Area
Ethanol	1.367	86.151
n-Propanol	2.454	196.586

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	441-01T.M.	Vial:	55
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 4:25:32 PM
Data file:	C:\Chem32\1\Data\17Dec24\55.D	Analyst:	Brooke

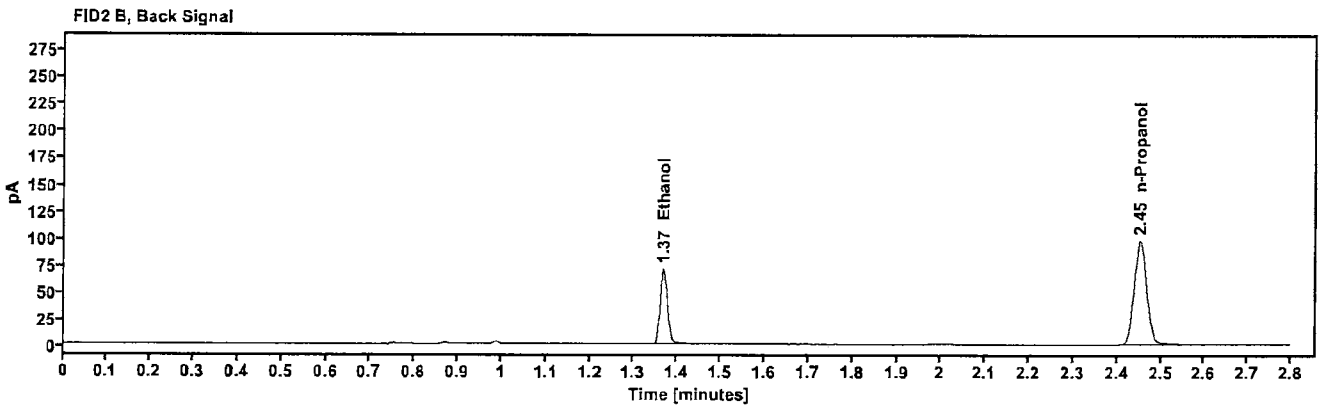
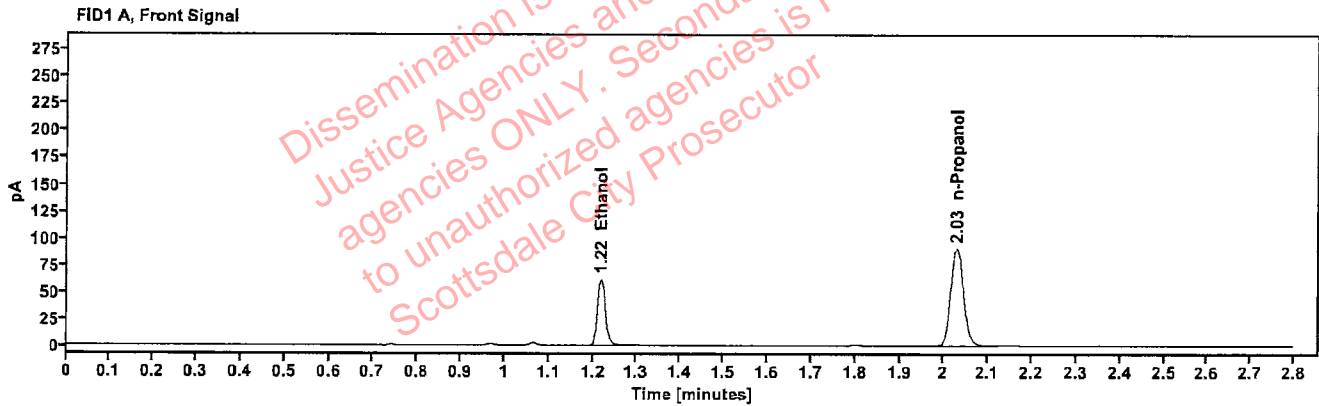


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1229	1.218	78.106
n-Propanol	---	2.029	180.324

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

Compound	Time (min)	Peak Area
Ethanol	1.367	85.042
n-Propanol	2.453	195.387

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01B.M.	Vial:	56
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 4:29:32 PM
Data file:	C:\Chem32\1\Data\17Dec24\56.D	Analyst:	Brooke

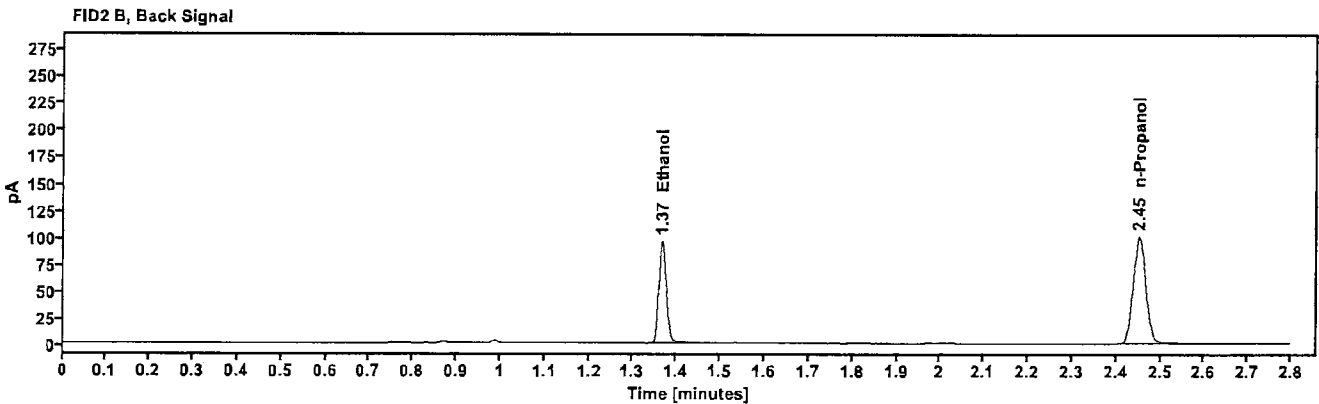
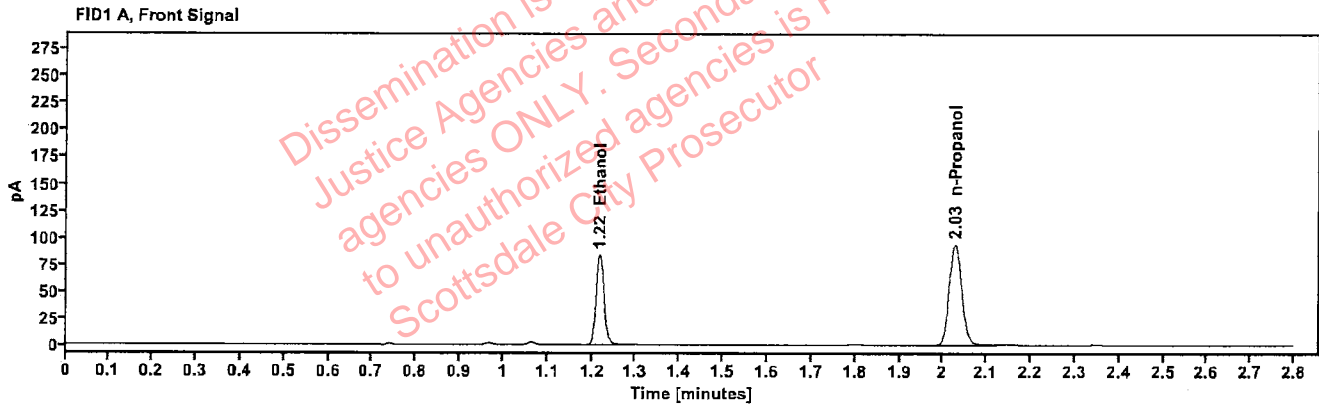


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1610	1.217	106.592
n-Propanol	---	2.028	186.904

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

Compound	Time (min)	Peak Area
Ethanol	1.366	116.504
n-Propanol	2.452	202.505

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01B.M.	Vial:	57
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 4:33:33 PM
Data file:	C:\Chem32\1\Data\17Dec24\57.D	Analyst:	Brooke

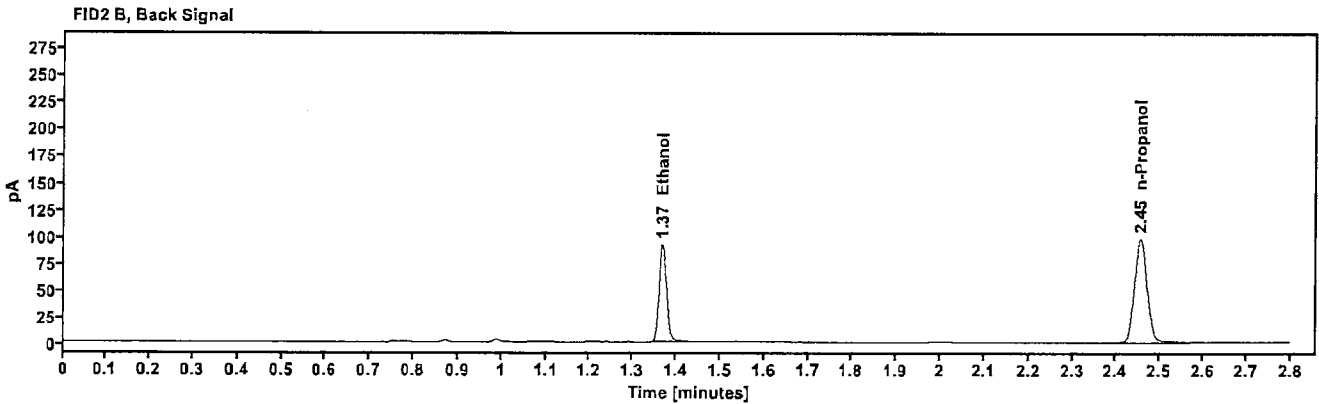
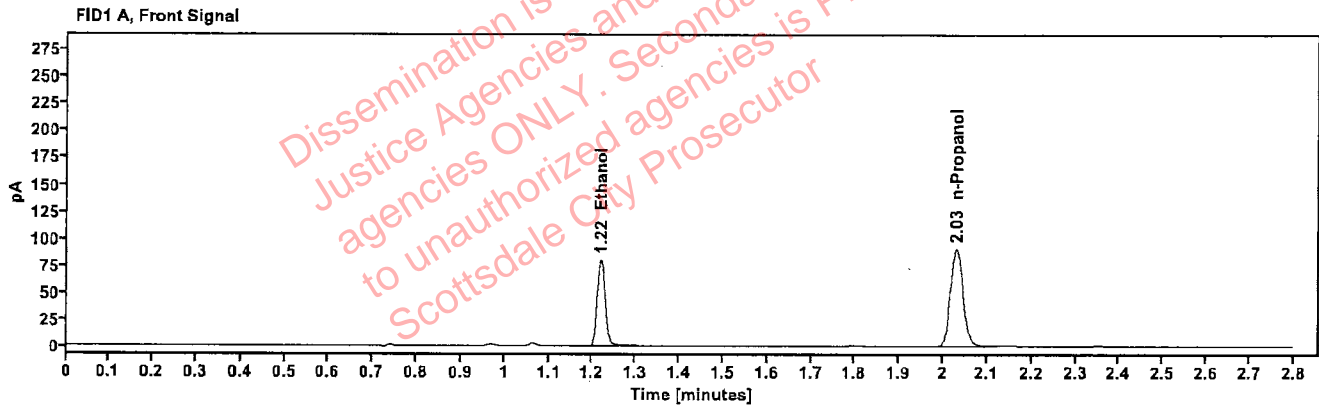


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1589	1.219	102.026
n-Propanol	—	2.030	181.303

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

Compound	Time (min)	Peak Area
Ethanol	1.368	111.716
n-Propanol	2.455	196.473

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	383-01K.L.	Vial:	58
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 4:37:33 PM
Data file:	C:\Chem32\1\Data\17Dec24\58.D	Analyst:	Brooke

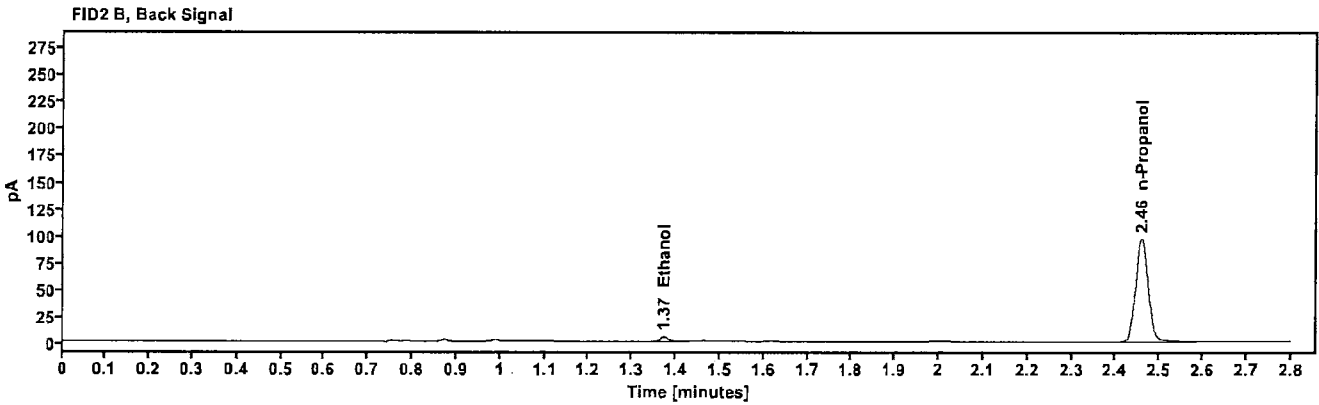
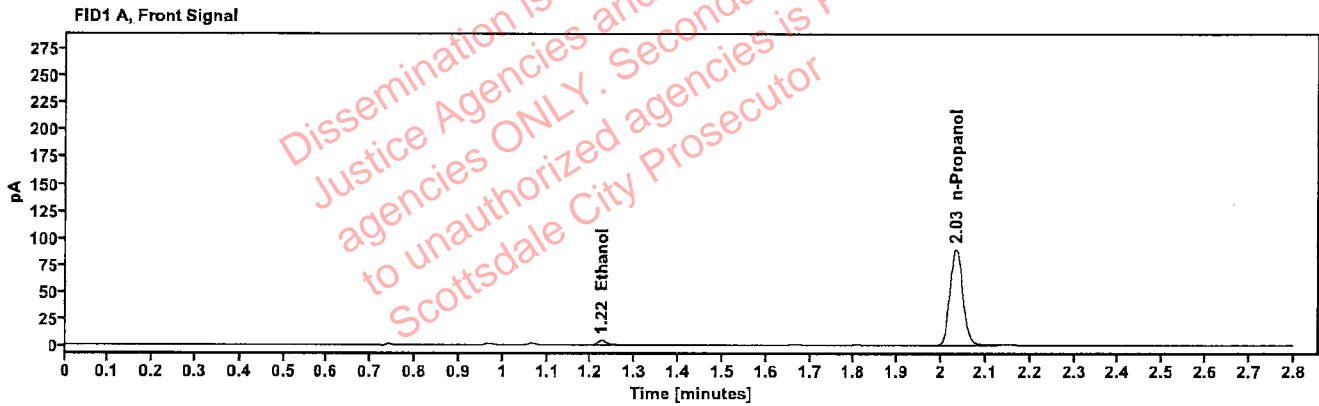


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0113	1.224	5.602
n-Propanol	---	2.033	179.280

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

Compound	Time (min)	Peak Area
Ethanol	1.372	6.306
n-Propanol	2.458	194.789

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	383-01K.L.	Vial:	59
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 4:41:33 PM
Data file:	C:\Chem32\1\Data\17Dec24\59.D	Analyst:	Brooke

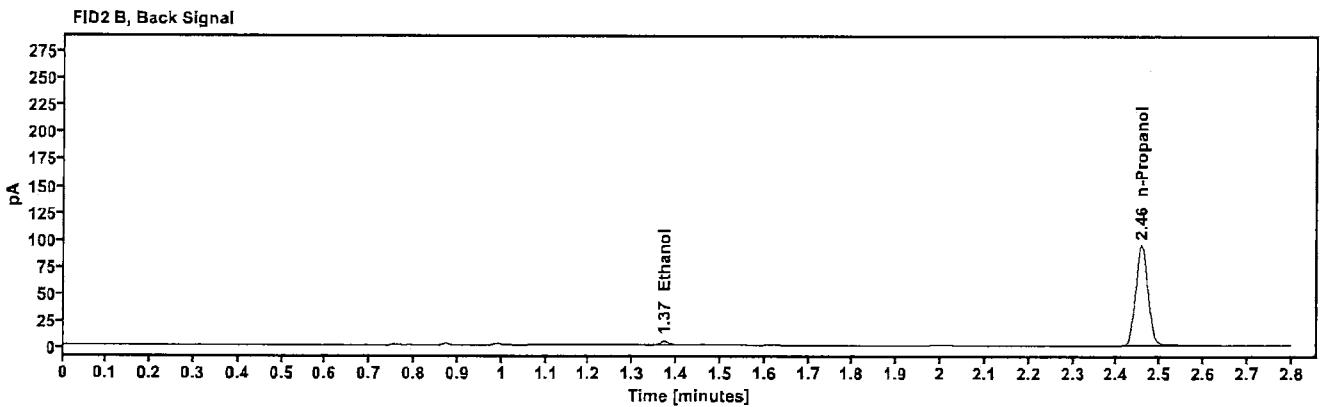
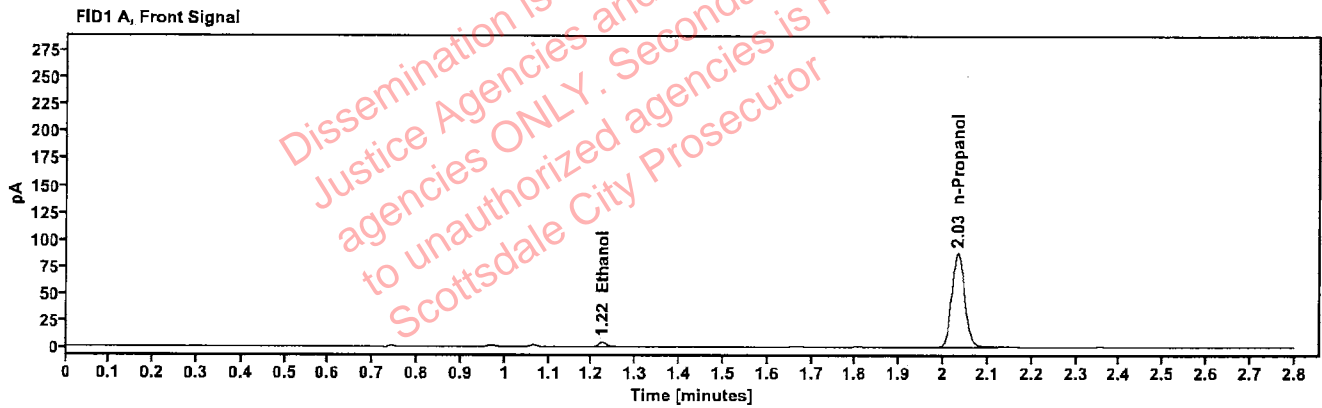


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0110	1.223	5.303
n-Propanol	-----	2.032	174.628

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

Compound	Time (min)	Peak Area
Ethanol	1.371	5.854
n-Propanol	2.456	189.368

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01G.B.	Vial:	60
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 4:45:33 PM
Data file:	C:\Chem32\1\Data\17Dec24\60.D	Analyst:	Brooke

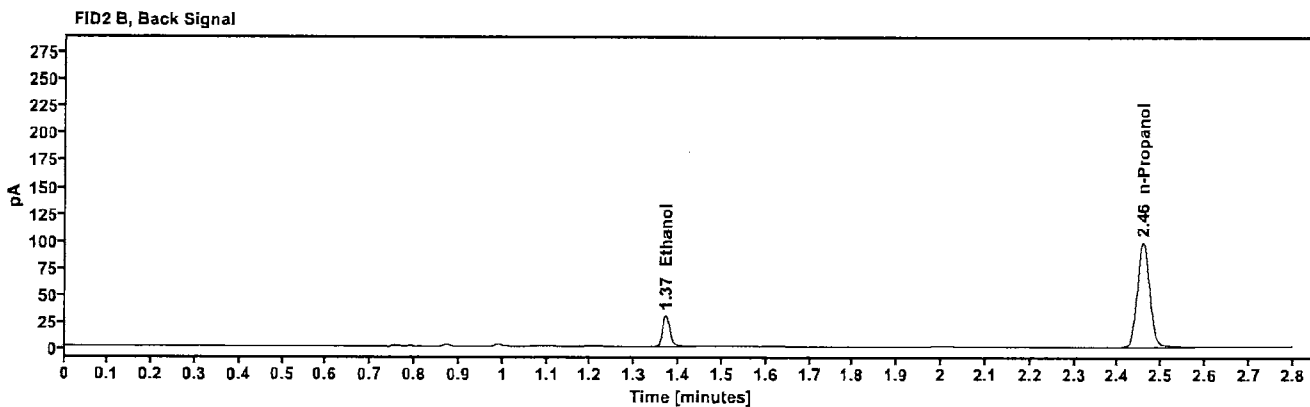
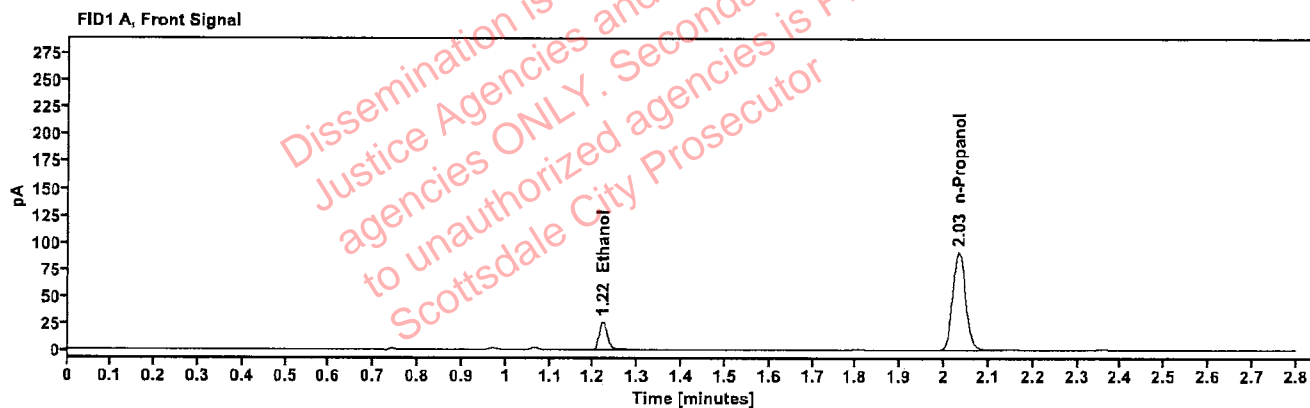


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0530	1.221	33.075
n-Propanol	—	2.033	182.067

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

Compound	Time (min)	Peak Area
Ethanol	1.370	36.566
n-Propanol	2.458	197.522

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01G.B.	Vial:	61
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 4:49:47 PM
Data file:	C:\Chem32\1\Data\17Dec24\61.D	Analyst:	Brooke

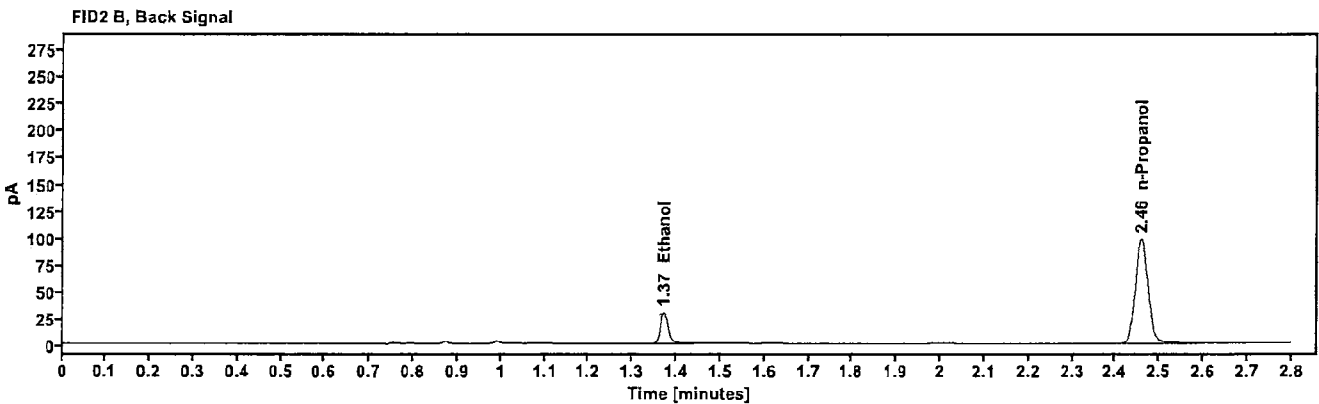
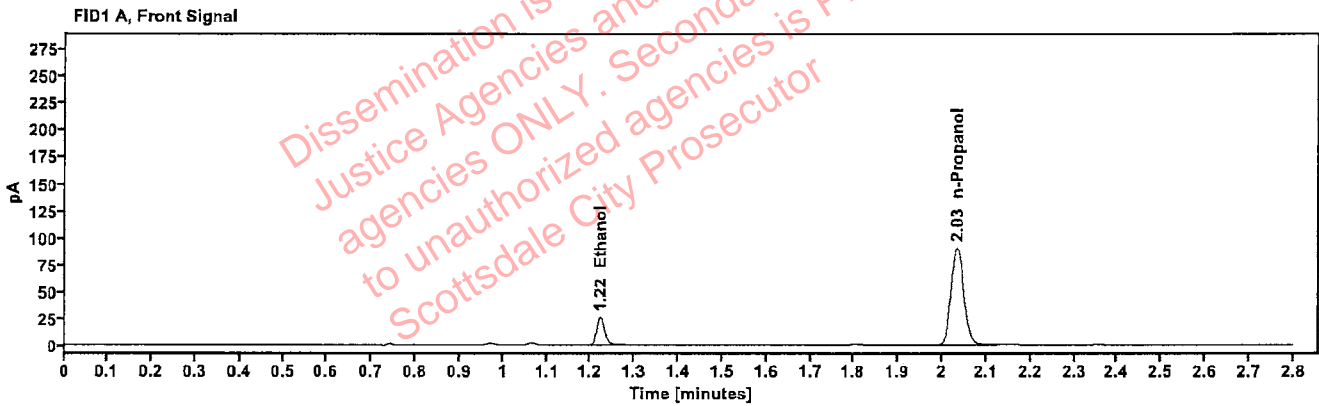


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0531	1.222	32.848
n-Propanol	---	2.034	180.482

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

Compound	Time (min)	Peak Area
Ethanol	1.371	36.357
n-Propanol	2.459	196.063

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424163-1	Vial:	62
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 4:53:47 PM
Data file:	C:\Chem32\1\Data\17Dec24\62.D	Analyst:	Brooke

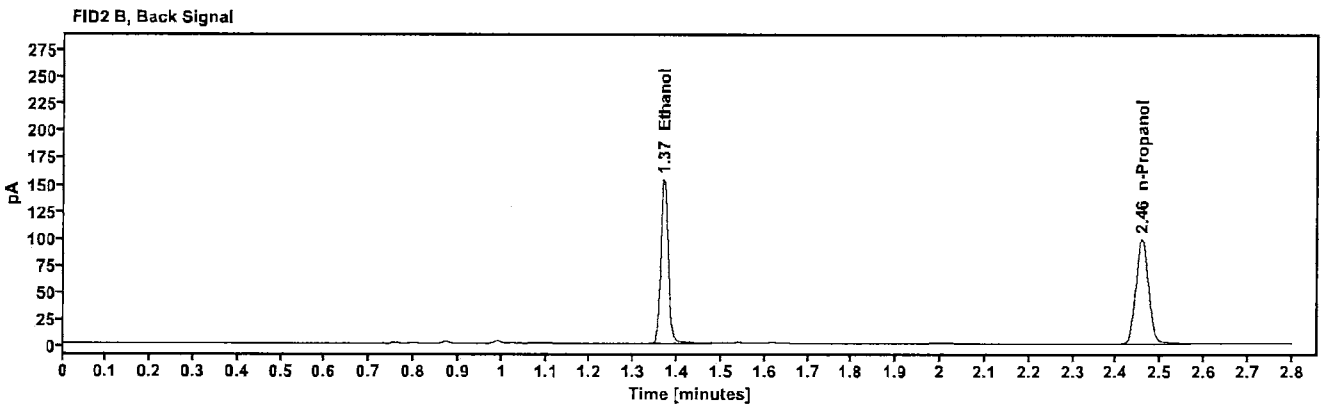
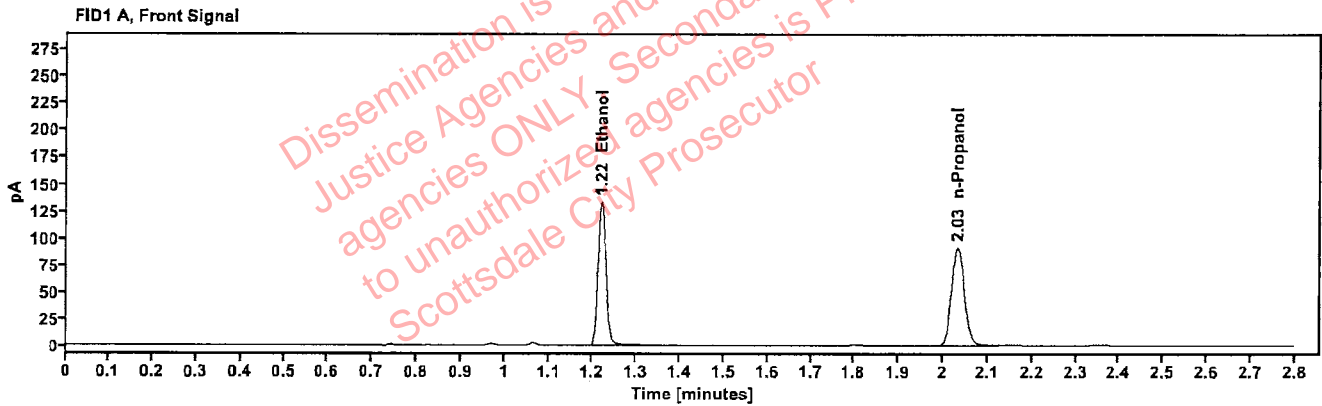


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2609	1.219	169.272
n-Propanol	---	2.032	182.033

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

Compound	Time (min)	Peak Area
Ethanol	1.369	187.343
n-Propanol	2.457	197.087

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424163-1	Vial:	63
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/17/2024 4:57:48 PM
Data file:	C:\Chem32\1\Data\17Dec24\63.D	Analyst:	Brooke

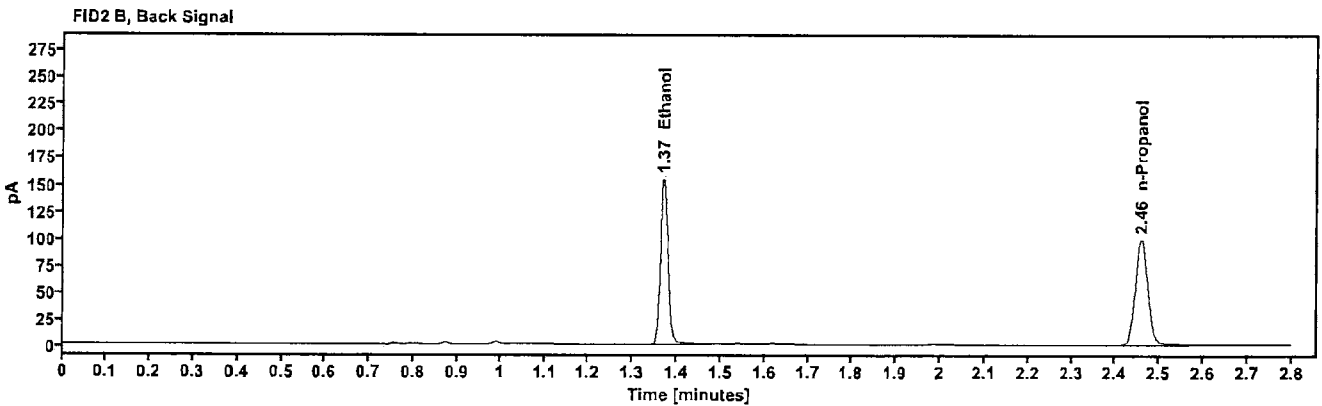
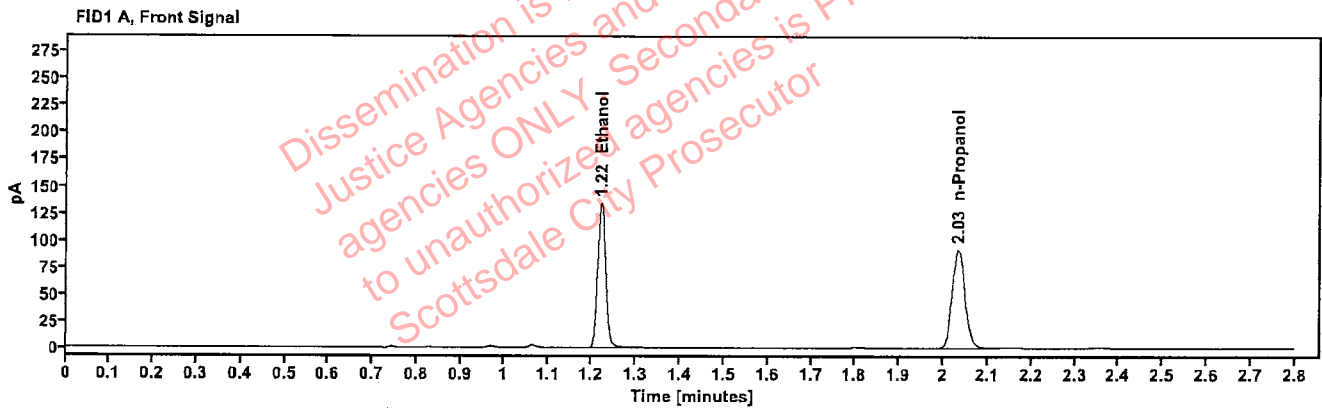


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2612	1.220	170.761
n-Propanol	---	2.033	183.385

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

Compound	Time (min)	Peak Area
Ethanol	1.369	189.050
n-Propanol	2.458	198.558