

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

ANALYSIS DATE 08/28/2024

SEQUENCE NAME 28Aug24

EQUIPMENT

Pipettor ☐ Hamilton ML600EH7497 ☒ 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 0.99999
Vial 3 0.20 calibrator Lot FN03132302
Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

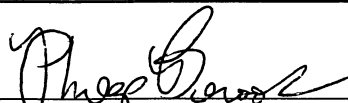
Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 050624WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.406 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
9	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/11
20	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 25052023-A
31	Blood control	0.199 g/dL	0.201 g/dL	ACQ 4110320133/11
42	Aqueous control	0.100 g/dL	0.099 g/dL	Lipomed 25052023-A
53	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/11
64	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 25052023-A
75	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 12052023-B
76	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 518018
77	Blood control	0.199 g/dL	0.199 g/dL	ACQ 4110320133/11
78	Blank	Not detected	Not detected	SPD lab 060724AQ

SUBJECT SAMPLES

Subjects in the sequence 30 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

82

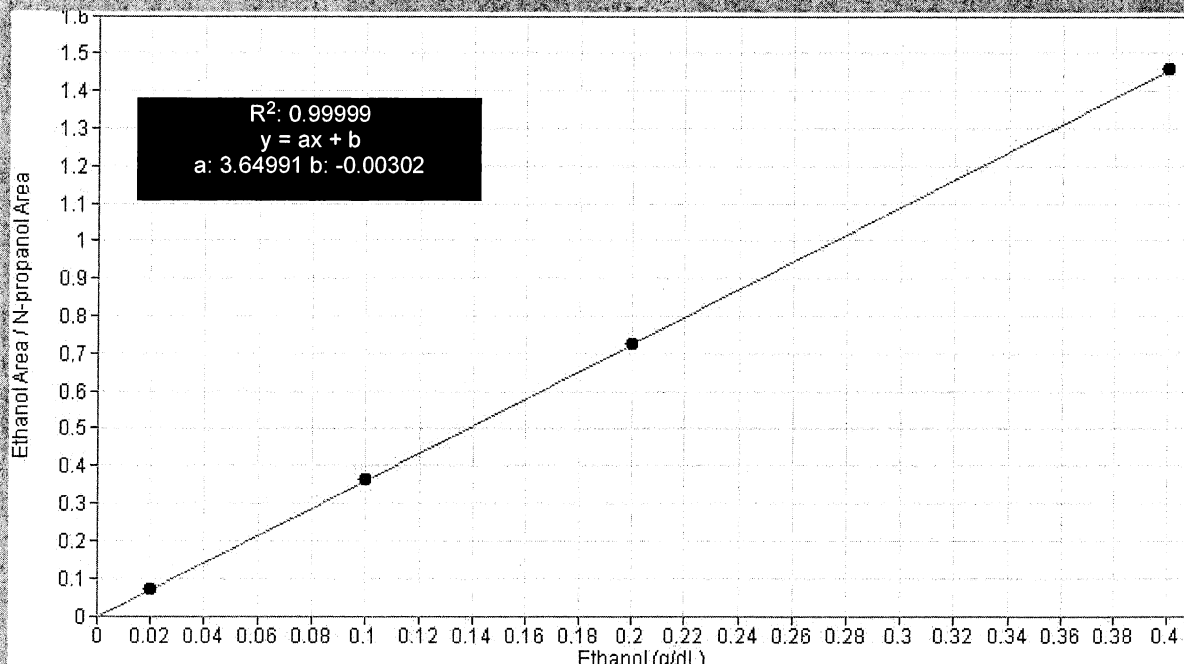
SEQUENCE NAME: 28Aug24

ANALYST: Brooke

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 050624WB	5	negative	negative	-	-
0.400 12052023-B	7	0.406	0.400	1.50	0.006
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 25052023-A	20	0.100	0.100	0.00	0.000
0.199 4110320133/11	31	0.201	0.199	1.01	0.002
0.100 25052023-A	42	0.099	0.100	1.00	-0.001
0.199 4110320133/11	53	0.202	0.199	1.51	0.003
0.100 25052023-A	64	0.100	0.100	0.00	0.000
0.400 12052023-B	75	0.399	0.400	0.25	-0.001
0.040 518018	76	0.040	0.040	0.00	0.000
0.199 4110320133/11	77	0.199	0.199	0.00	0.000
blank 060724AQ	78	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.933	167.748	0.071
0.100	61.540	169.895	0.362
0.200	122.310	168.847	0.724
0.400	248.041	170.110	1.458

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	FN03122113	Vial:	1
Description:	0.020 calibrator	Sequence:	28Aug24
Method:	ethanol quant.M	Injection date:	8/28/2024 4:03:13 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\28Aug24\1.D		

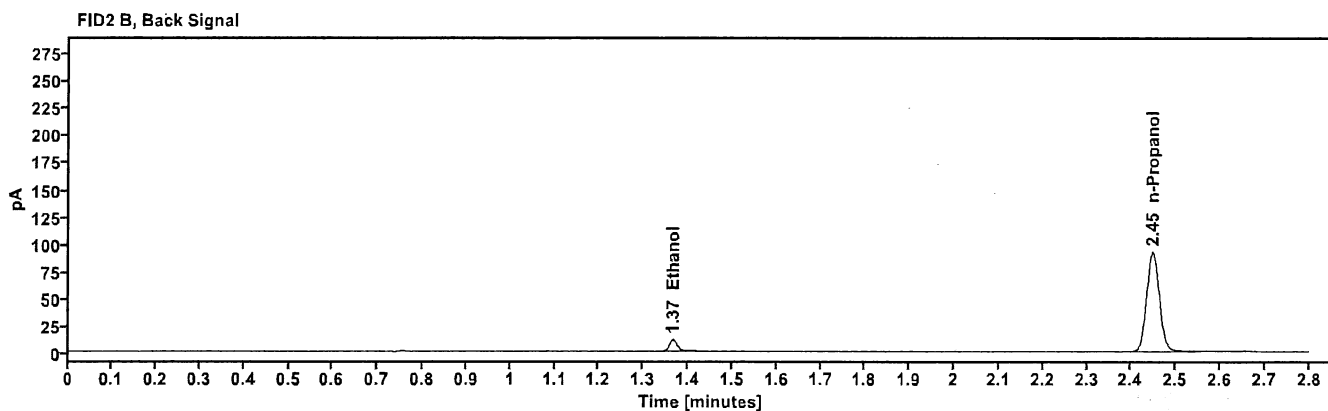
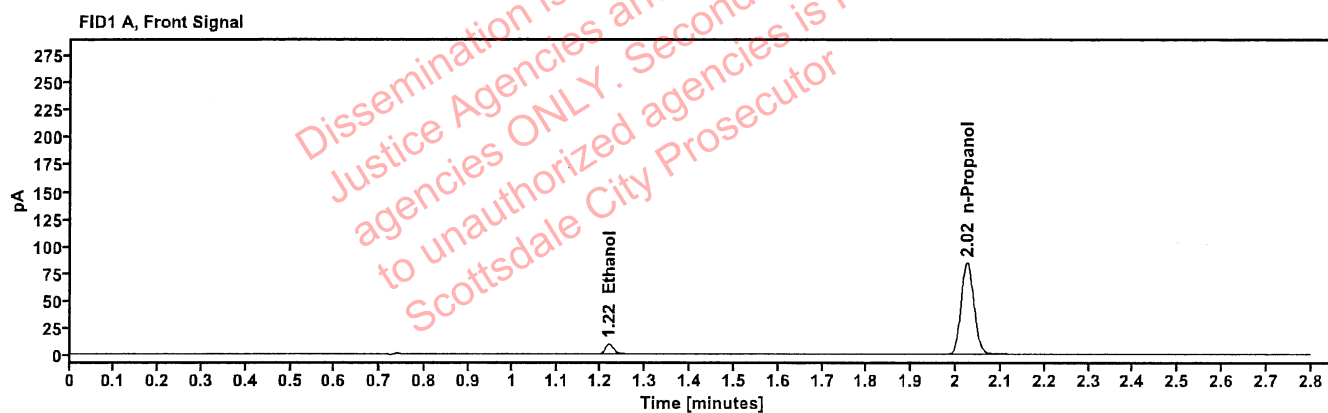


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	11.933
n-Propanol	2.025	167.748

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

Compound	Time (min)	Peak Area
Ethanol	1.366	13.078
n-Propanol	2.448	182.154

Scottsdale Police Department Crime Lab Volatiles Analysis

B

Sample:	FN03072301	Vial:	2
Description:	0.100 calibrator	Sequence:	28Aug24
Method:	ethanol quant.M	Injection date:	8/28/2024 4:07:13 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\28Aug24\2.D		

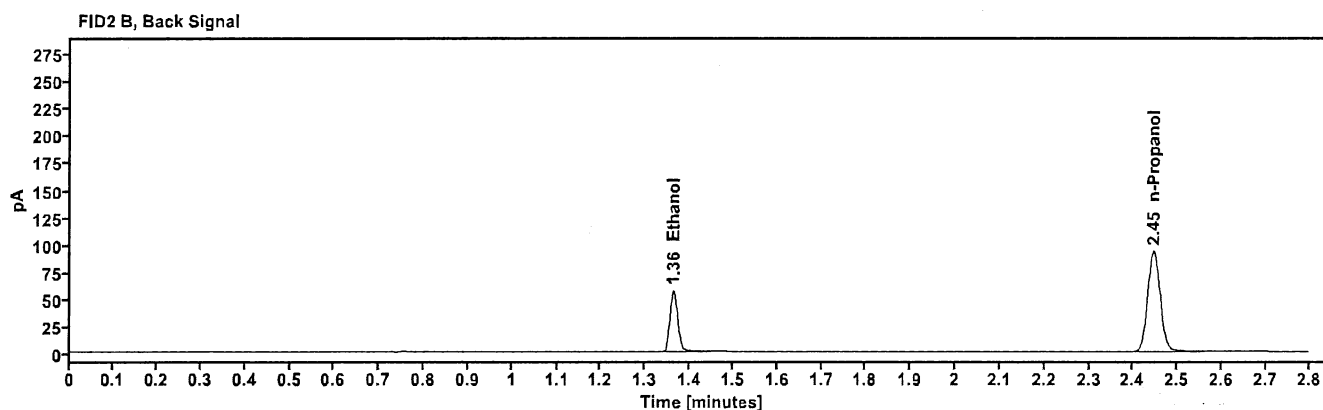
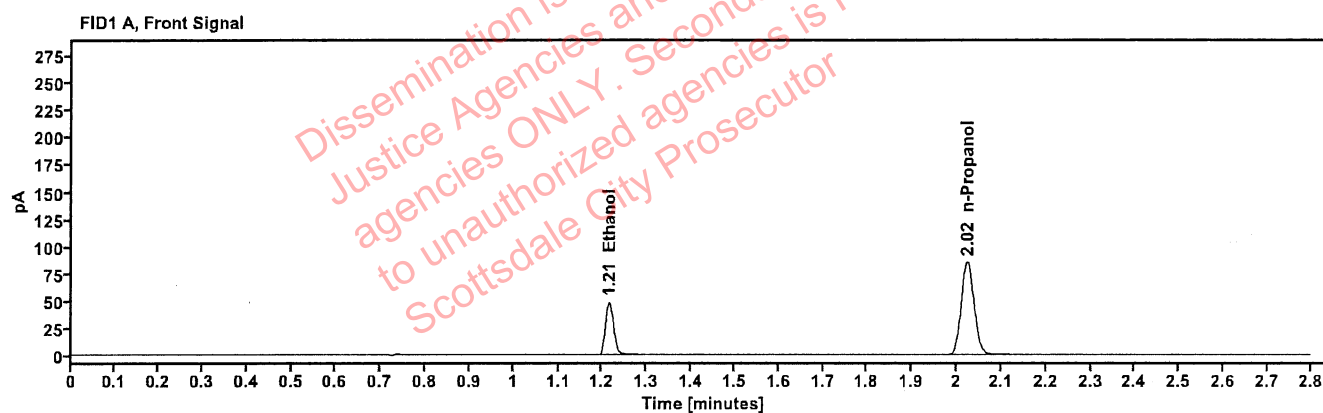


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.215	61.540
n-Propanol	2.023	169.895

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

Compound	Time (min)	Peak Area
Ethanol	1.362	67.543
n-Propanol	2.446	184.131

Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample:	FN03132302	Vial:	3
Description:	0.200 calibrator	Sequence:	28Aug24
Method:	ethanol quant.M	Injection date:	8/28/2024 4:11:13 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\28Aug24\3.D		

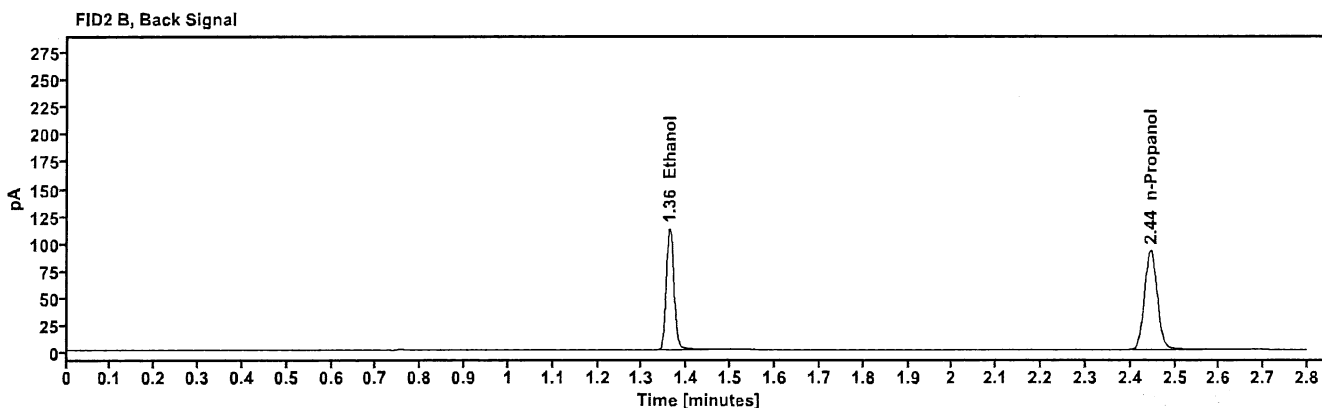
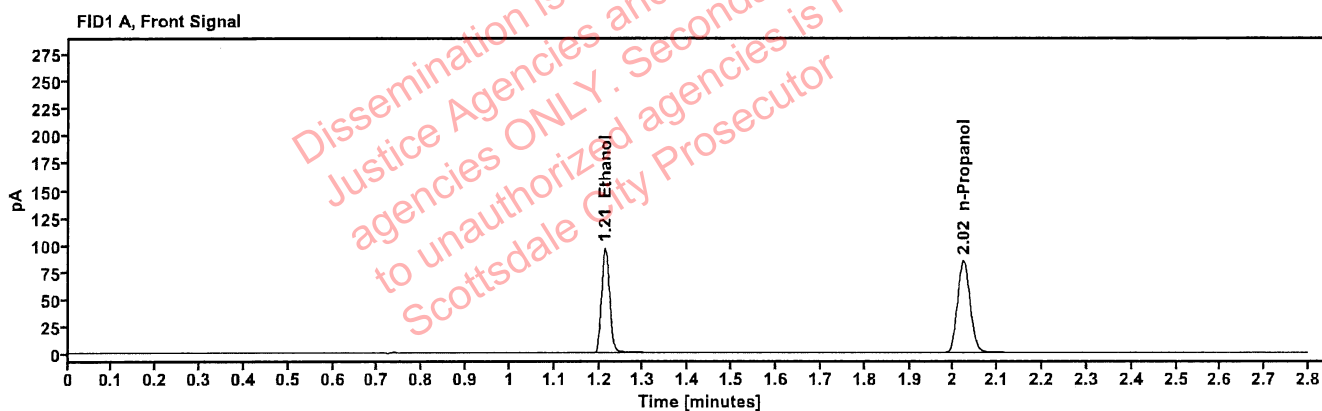


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	122.310
n-Propanol	2.023	168.847

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

Compound	Time (min)	Peak Area
Ethanol	1.361	134.255
n-Propanol	2.445	182.987

Scottsdale Police Department Crime Lab Volatiles Analysis

PS

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	28Aug24
Method:	ethanol quant.M	Injection date:	8/28/2024 4:15:13 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\28Aug24\4.D		

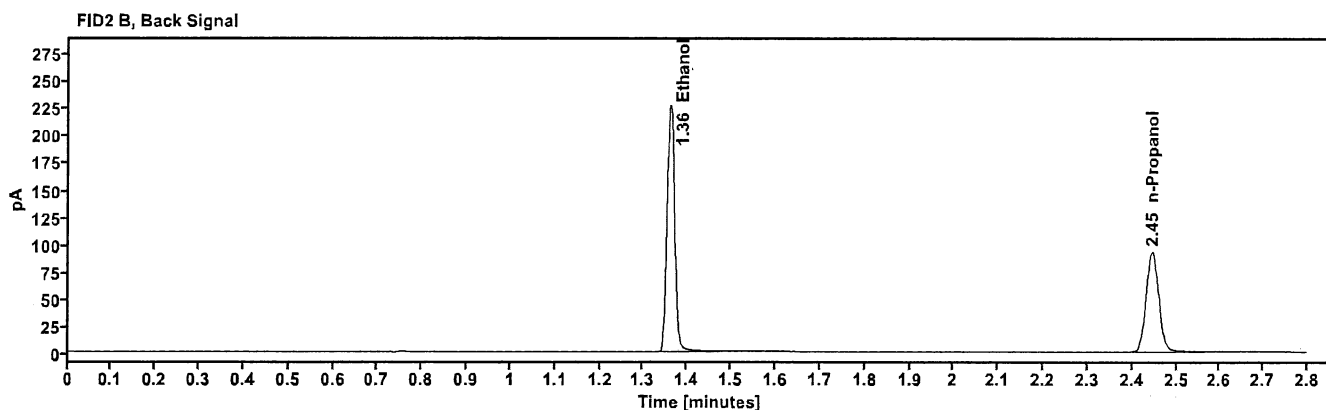
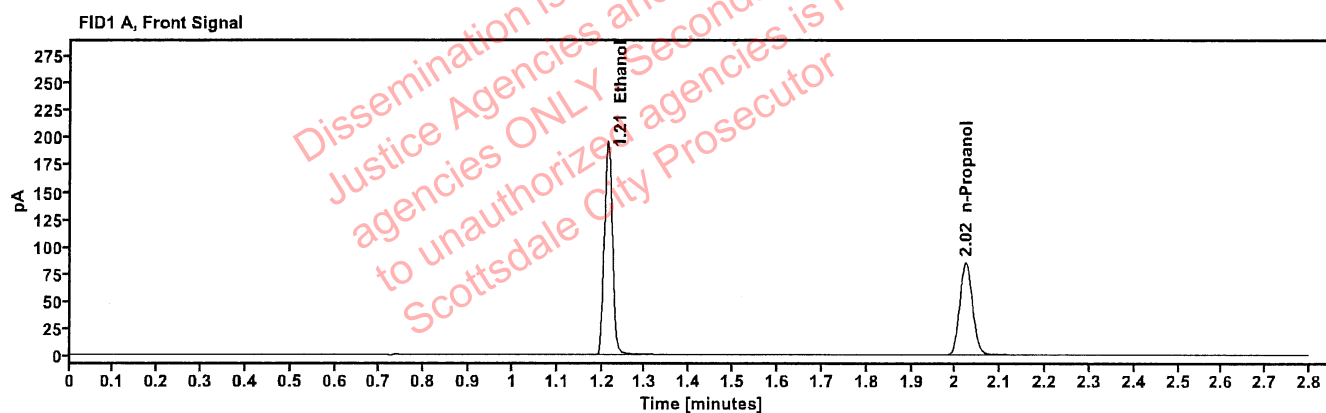


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	248.041
n-Propanol	2.023	170.110

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

Compound	Time (min)	Peak Area
Ethanol	1.361	273.022
n-Propanol	2.445	184.228

Scottsdale Police Department Crime Lab Volatiles Analysis

PB

Sample:	050624WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 4:19:13 PM
Data file:	C:\Chem32\1\Data\28Aug24\5.D	Analyst:	Brooke

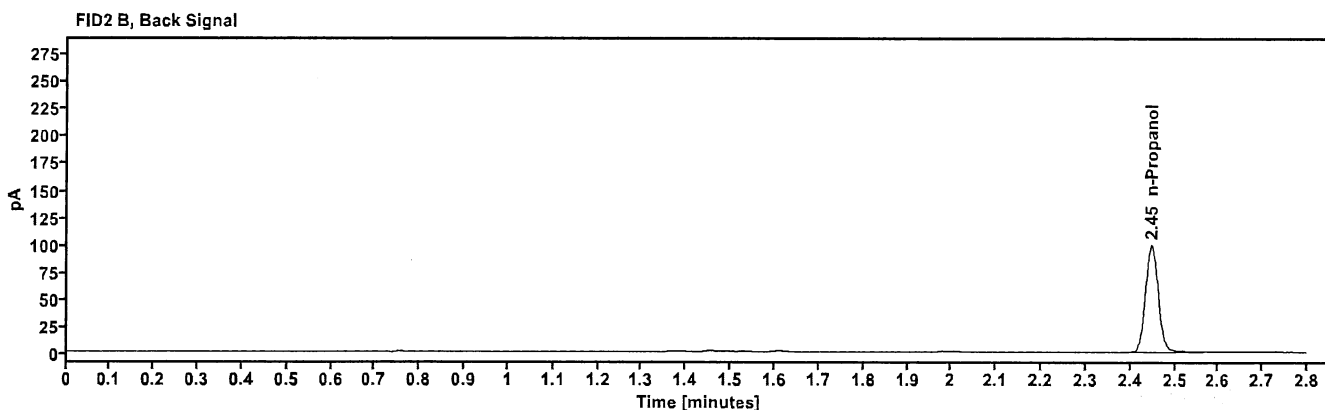
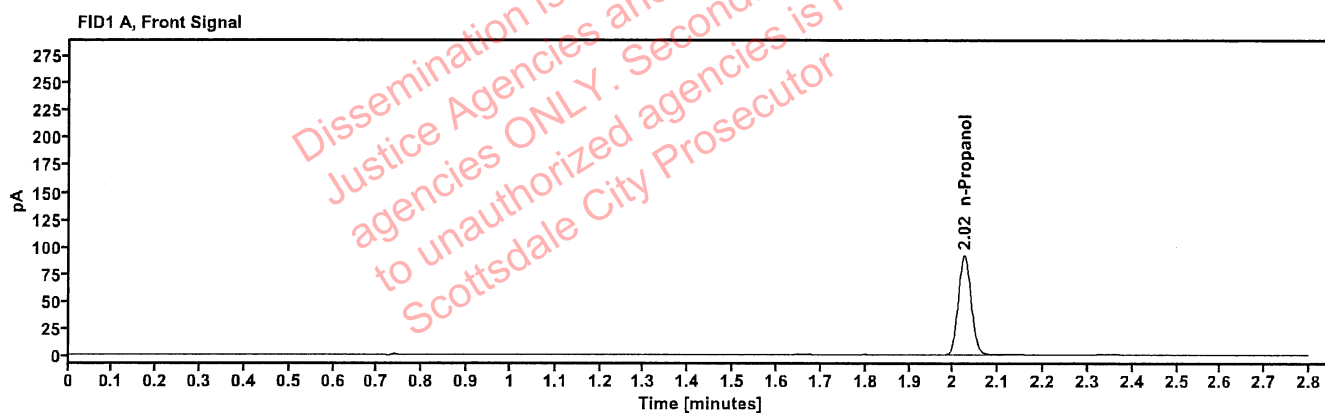


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.024	182.060

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

Compound	Time (min)	Peak Area
n-Propanol	2.448	197.482

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 4:23:13 PM
Data file:	C:\Chem32\1\Data\28Aug24\6.D	Analyst:	Brooke

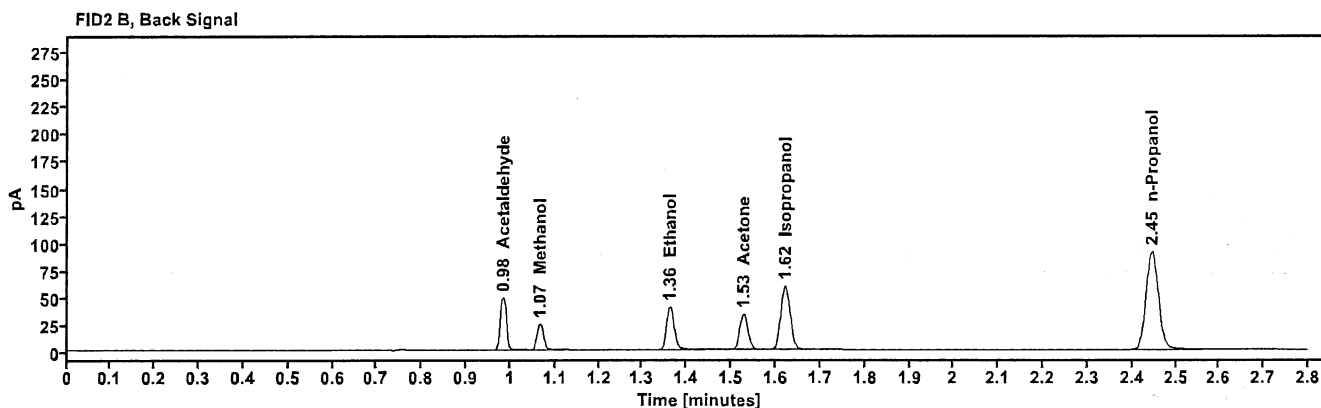
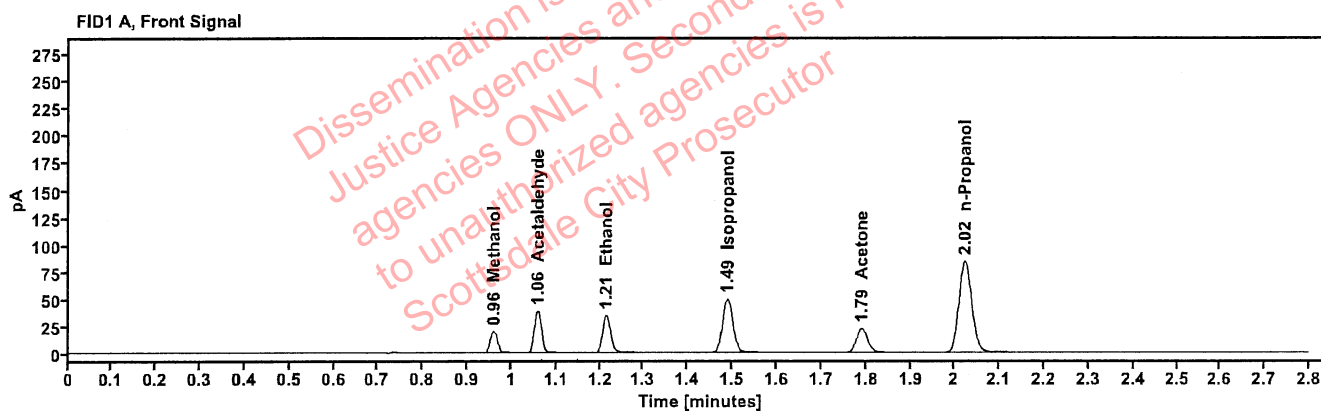


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.960	22.589
Acetaldehyde	-----	1.058	42.194
>Ethanol	0.0724	1.214	43.764
Isopropanol	-----	1.489	79.171
Acetone	-----	1.791	38.657
n-Propanol	-----	2.023	167.453

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	47.328
Methanol	1.066	25.134
Ethanol	1.362	47.970
Acetone	1.527	42.633
Isopropanol	1.621	87.254
n-Propanol	2.445	181.092

Scottsdale Police Department Crime Lab Volatiles Analysis

PS

Sample:	12052023-B	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 4:27:29 PM
Data file:	C:\Chem32\1\Data\28Aug24\7.D	Analyst:	Brooke

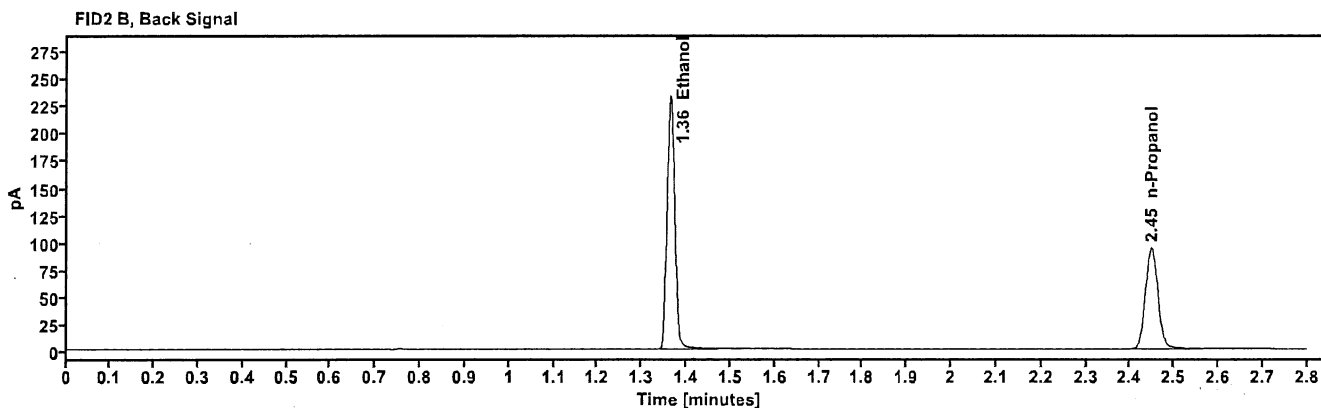
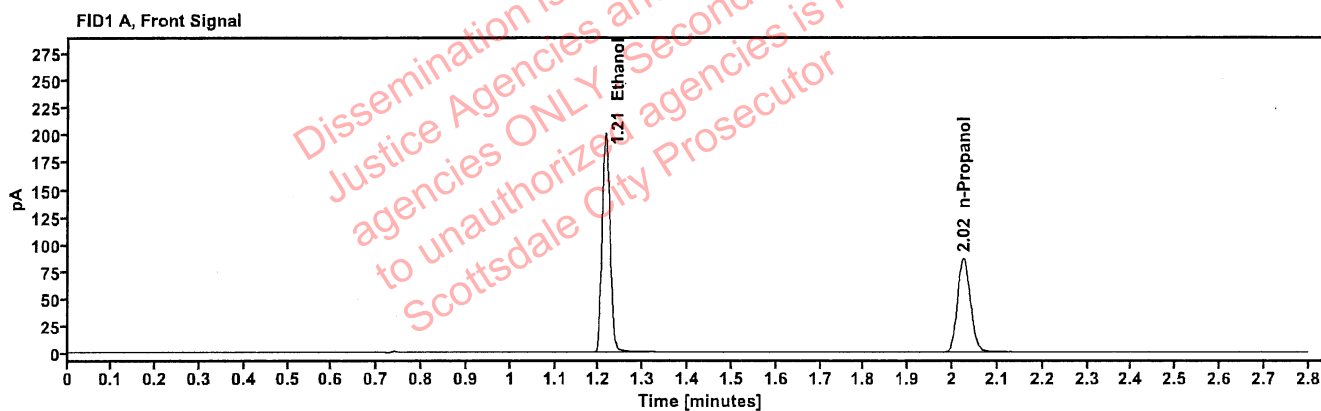


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4063	1.215	255.059
n-Propanol	-----	2.025	172.356

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

Compound	Time (min)	Peak Area
Ethanol	1.364	280.585
n-Propanol	2.448	186.331

Scottsdale Police Department Crime Lab Volatiles Analysis

PB

Sample:	518018	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 4:31:29 PM
Data file:	C:\Chem32\1\Data\28Aug24\8.D	Analyst:	Brooke

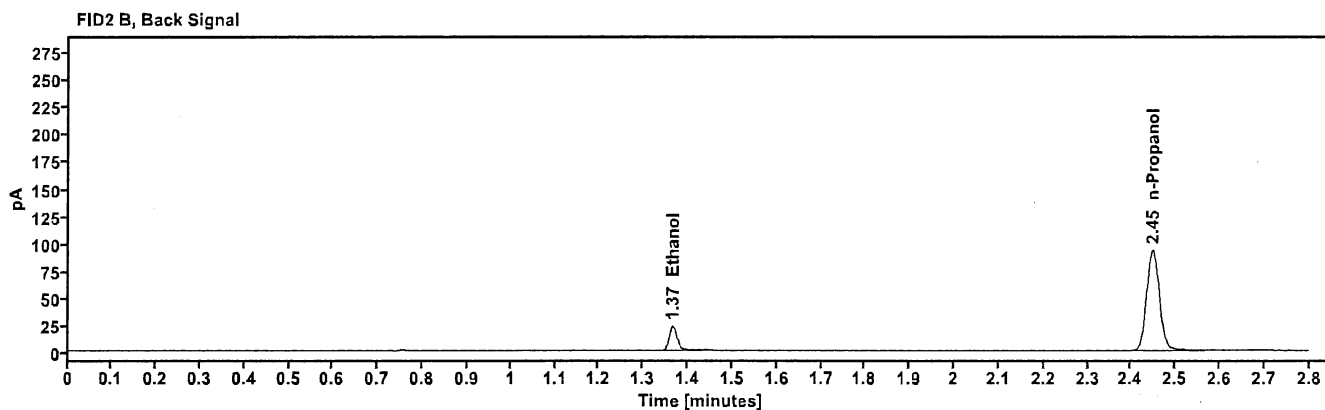
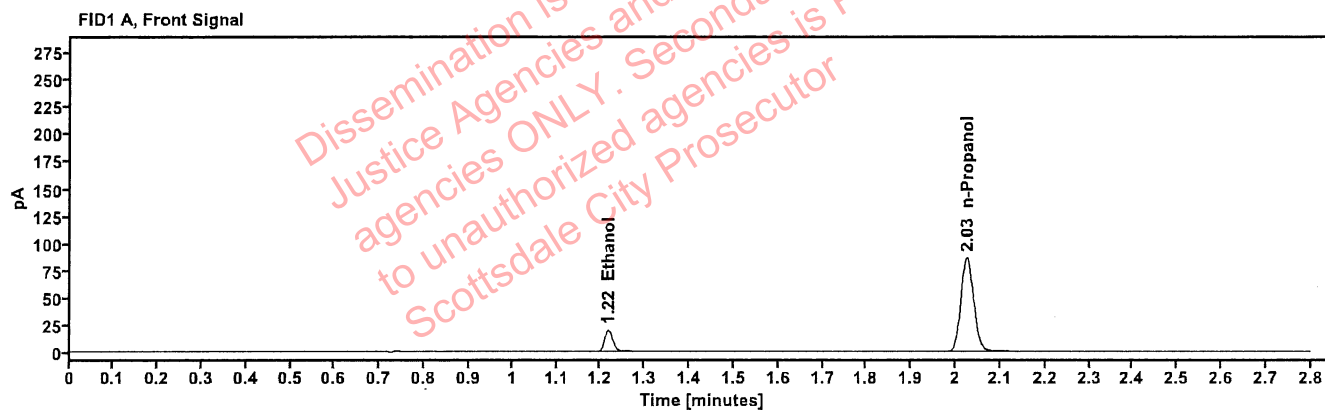


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.217	25.216
n-Propanol	-----	2.025	171.752

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

Compound	Time (min)	Peak Area
Ethanol	1.365	27.479
n-Propanol	2.449	185.648

Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample:	4110320133/11	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 4:35:28 PM
Data file:	C:\Chem32\1\Data\28Aug24\9.D	Analyst:	Brooke

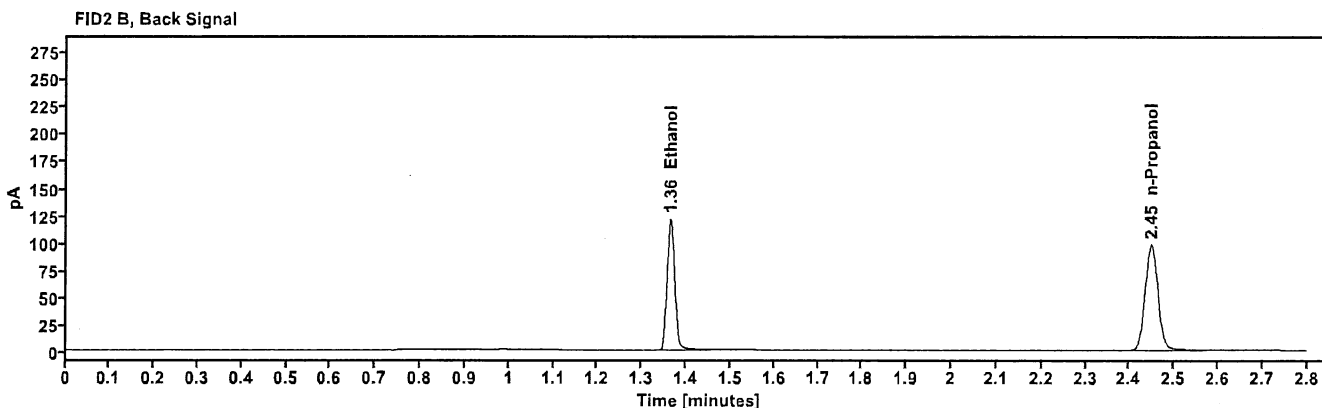
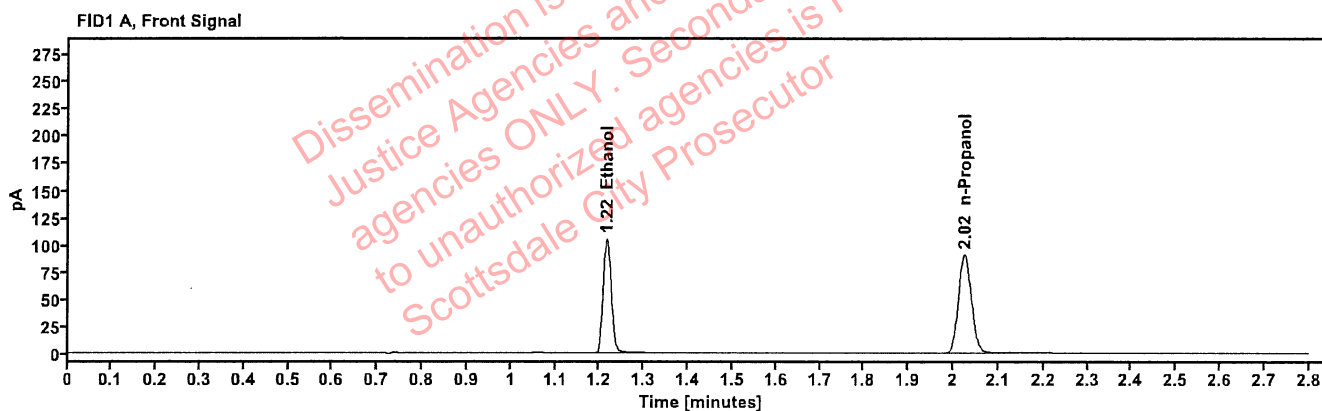


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2036	1.215	133.216
n-Propanol	-----	2.025	179.981

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

Compound	Time (min)	Peak Area
Ethanol	1.364	146.131
n-Propanol	2.448	194.726

Scottsdale Police Department Crime Lab Volatiles Analysis

08

Sample:	25052023-A	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 5:19:59 PM
Data file:	C:\Chem32\1\Data\28Aug24\20.D	Analyst:	Brooke

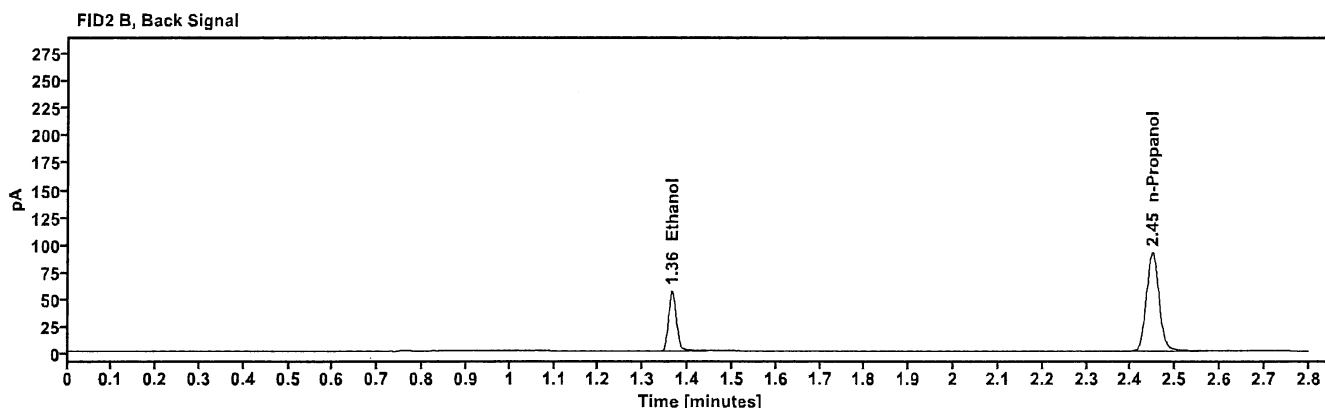
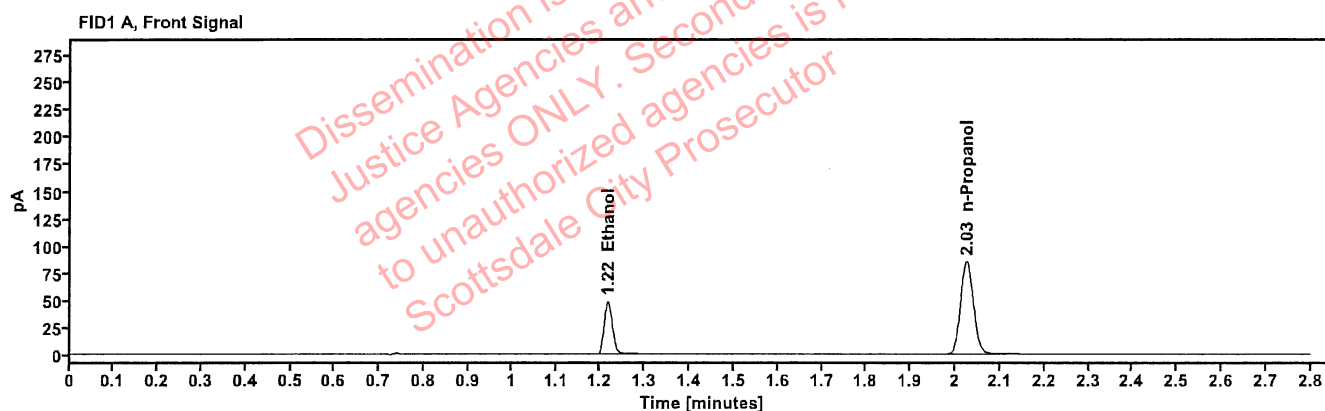


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1003	1.216	61.753
n-Propanol	-----	2.025	170.028

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

Compound	Time (min)	Peak Area
Ethanol	1.364	67.559
n-Propanol	2.448	183.676

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	4110320133/11	Vial:	31
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 6:04:29 PM
Data file:	C:\Chem32\1\Data\28Aug24\31.D	Analyst:	Brooke

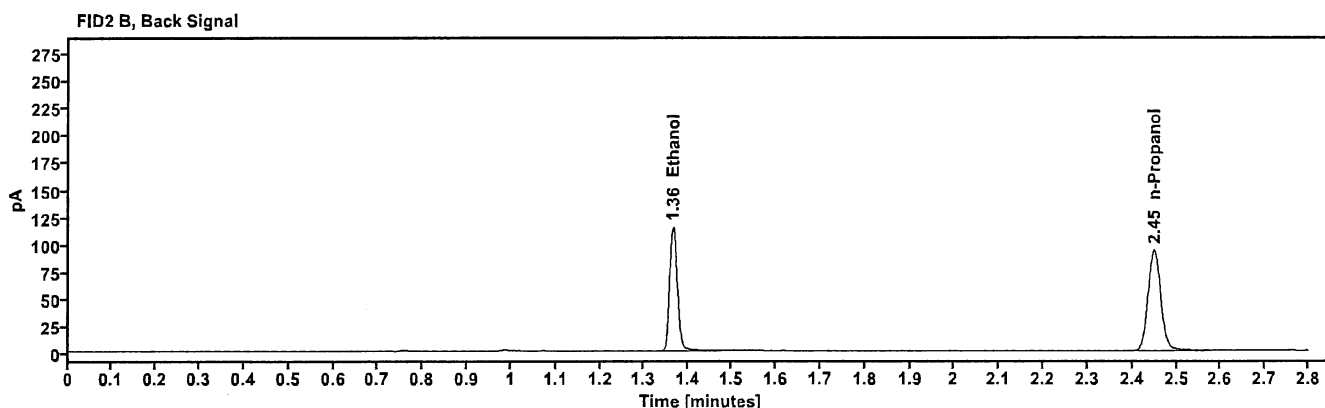
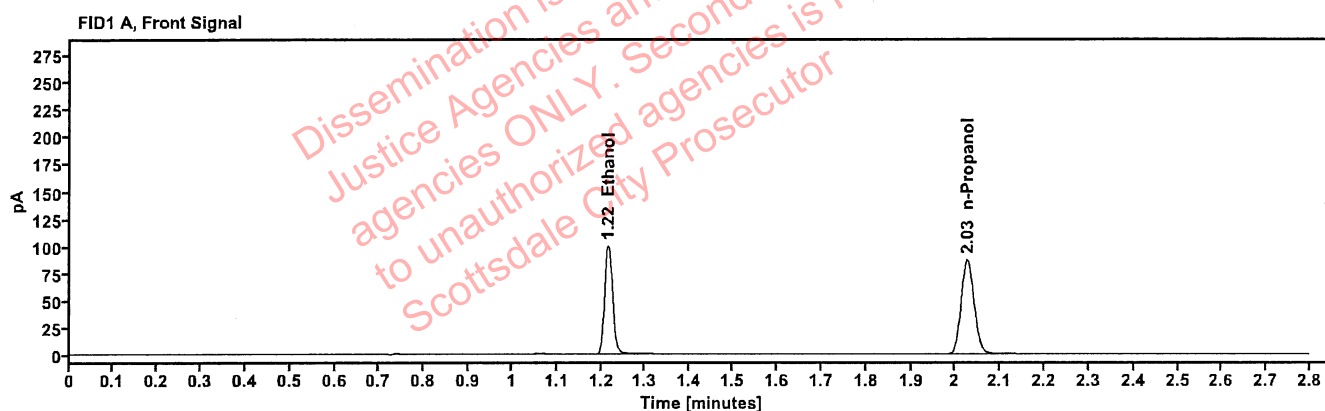


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2011	1.216	126.527
n-Propanol	-----	2.026	173.126

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

Compound	Time (min)	Peak Area
Ethanol	1.364	139.073
n-Propanol	2.449	187.119

Scottsdale Police Department Crime Lab Volatiles Analysis

BB

Sample:	25052023-A	Vial:	42
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 6:48:44 PM
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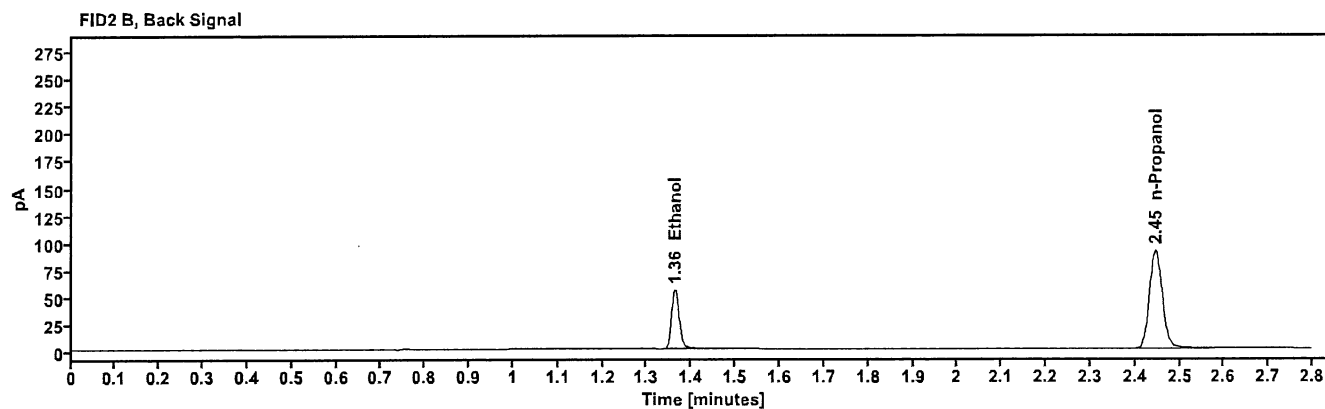
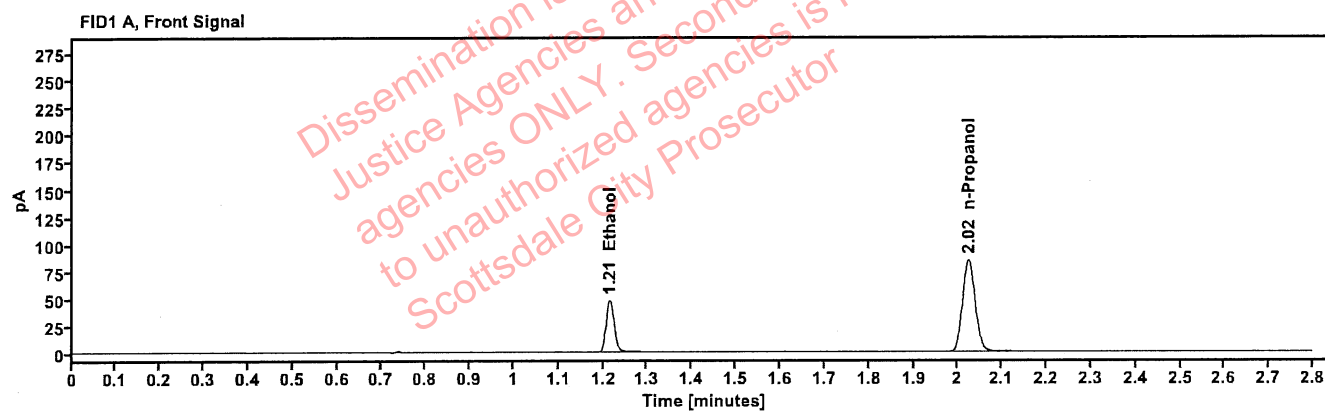


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0994	1.215	60.660
n-Propanol	-----	2.023	168.572

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

Compound	Time (min)	Peak Area
Ethanol	1.362	66.205
n-Propanol	2.446	182.115

Scottsdale Police Department Crime Lab Volatiles Analysis

DB

Sample:	4110320133/11	Vial:	53
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 7:33:13 PM
Data file:	C:\Chem32\1\Data\28Aug24\53.D	Analyst:	Brooke

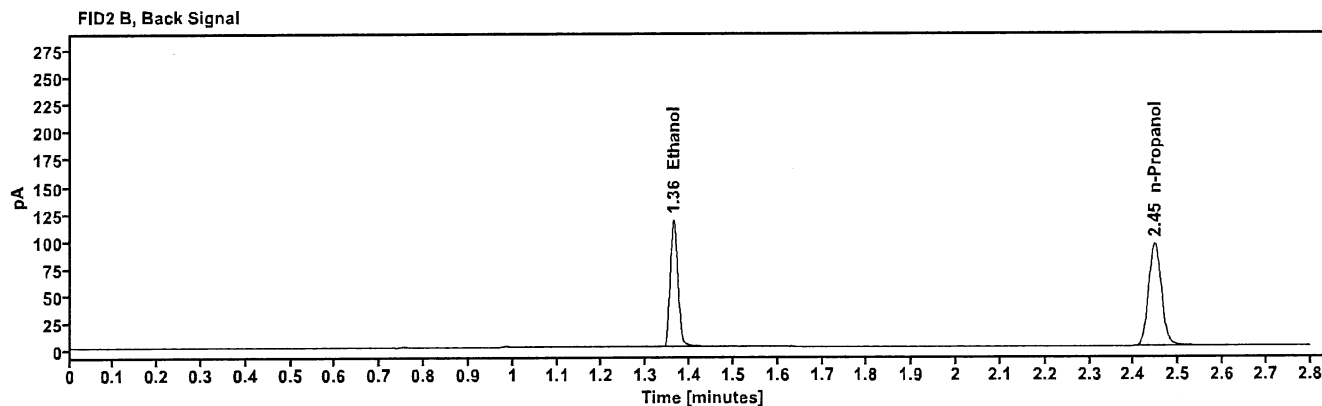
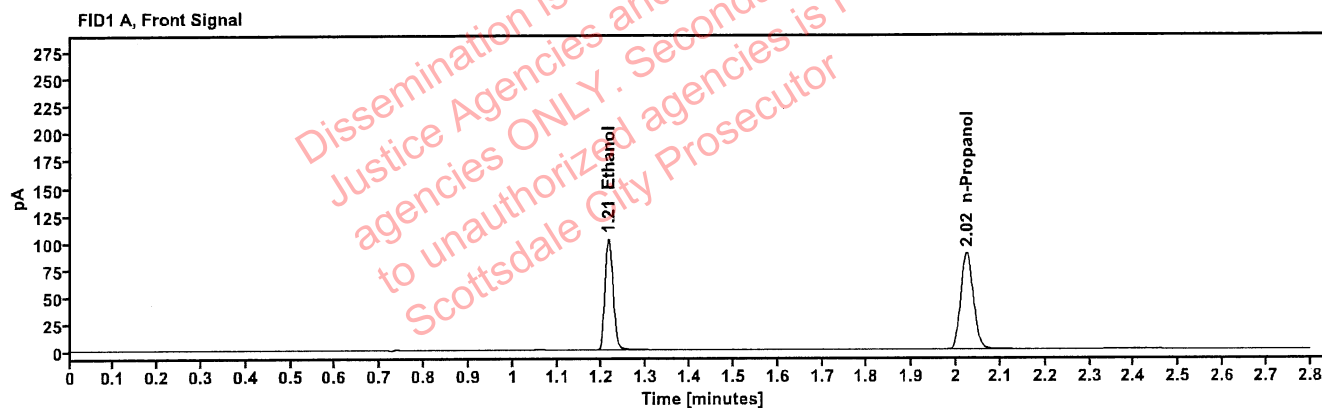


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2021	1.214	129.703
n-Propanol	-----	2.023	176.559

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

Compound	Time (min)	Peak Area
Ethanol	1.363	142.025
n-Propanol	2.446	190.635

Scottsdale Police Department Crime Lab Volatiles Analysis

PB

Sample:	25052023-A	Vial:	64
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 8:17:43 PM
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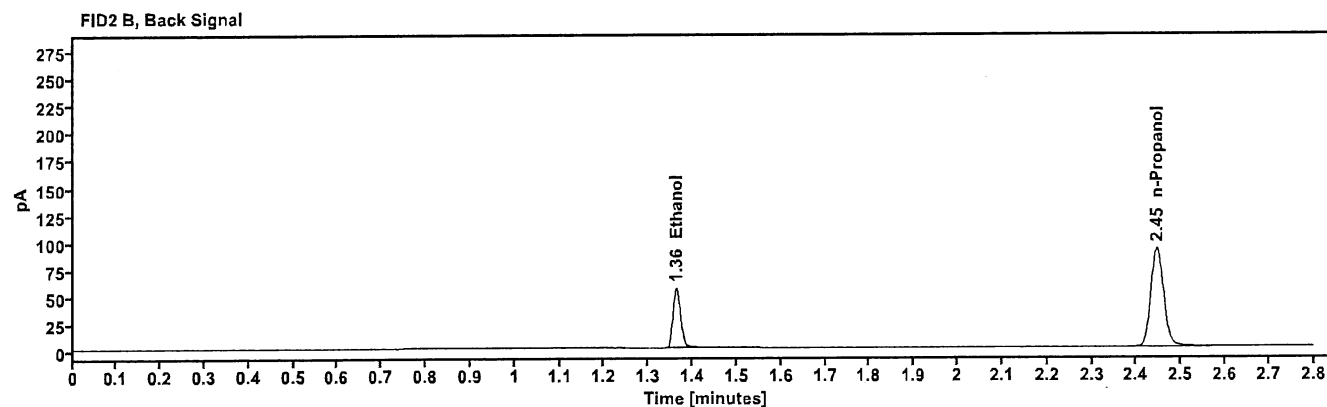
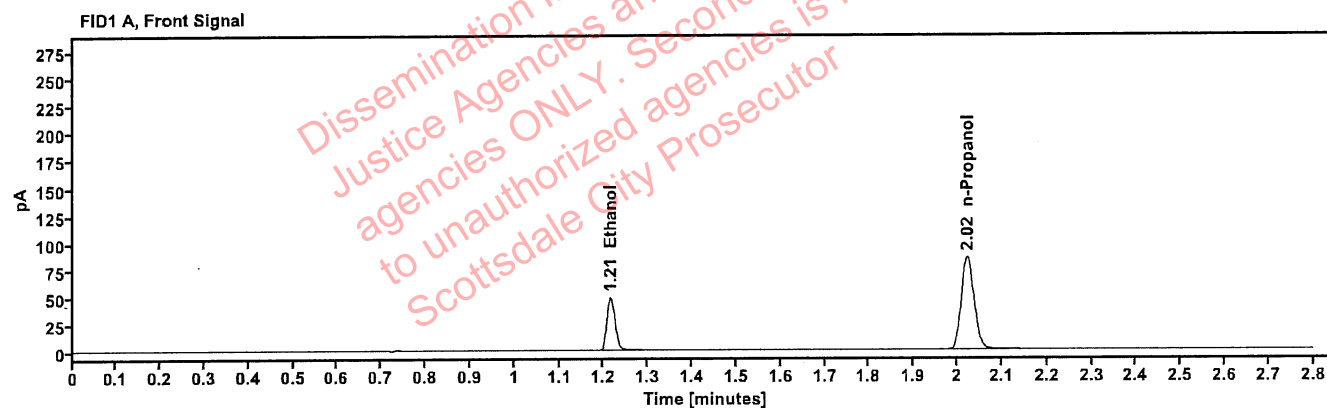


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1005	1.215	61.705
n-Propanol	-----	2.023	169.607

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

Compound	Time (min)	Peak Area
Ethanol	1.363	67.436
n-Propanol	2.446	183.235

Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample:	12052023-B	Vial:	75
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 9:02:14 PM
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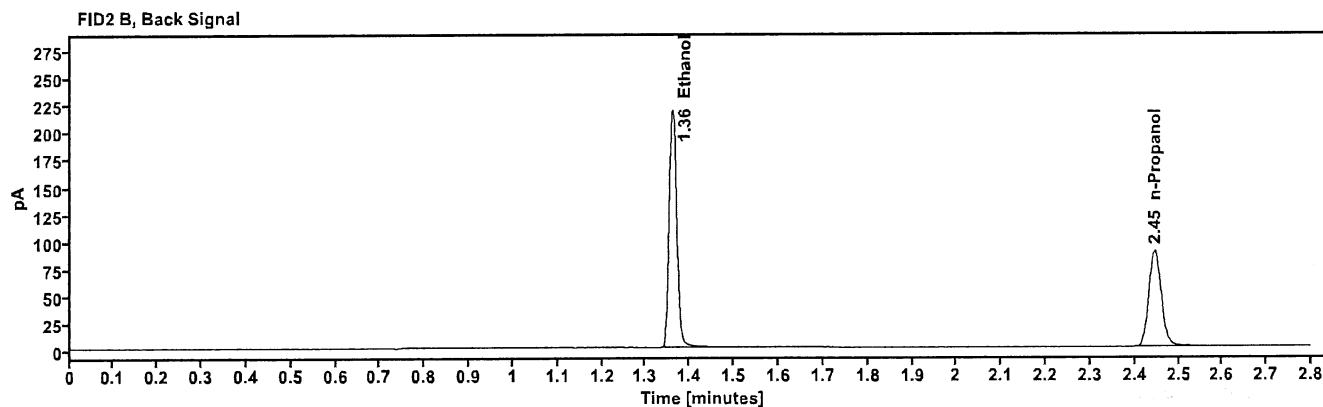
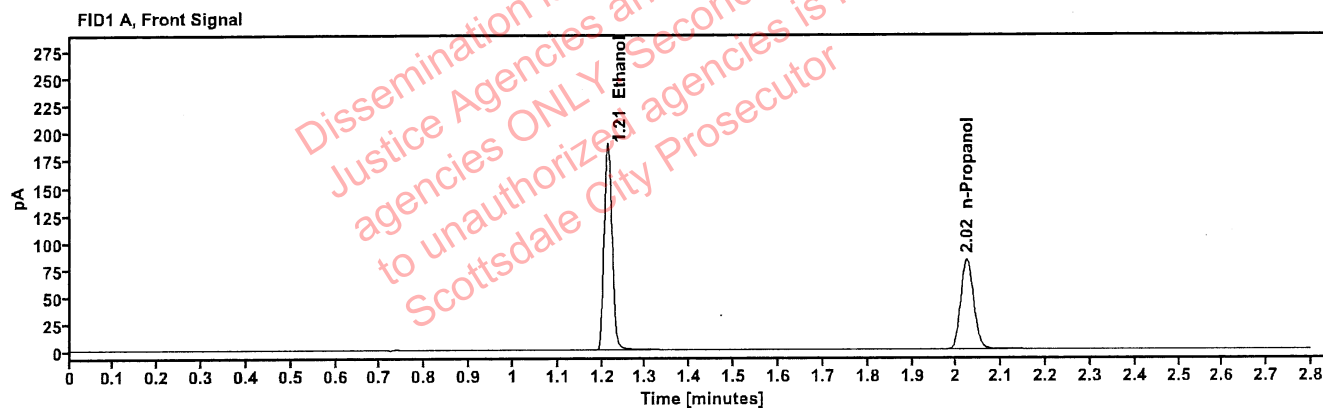


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3994	1.213	240.857
n-Propanol	-----	2.023	165.564

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

Compound	Time (min)	Peak Area
Ethanol	1.361	264.663
n-Propanol	2.445	178.835

Scottsdale Police Department Crime Lab Volatiles Analysis

PS

Sample:	518018	Vial:	76
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 9:06:13 PM
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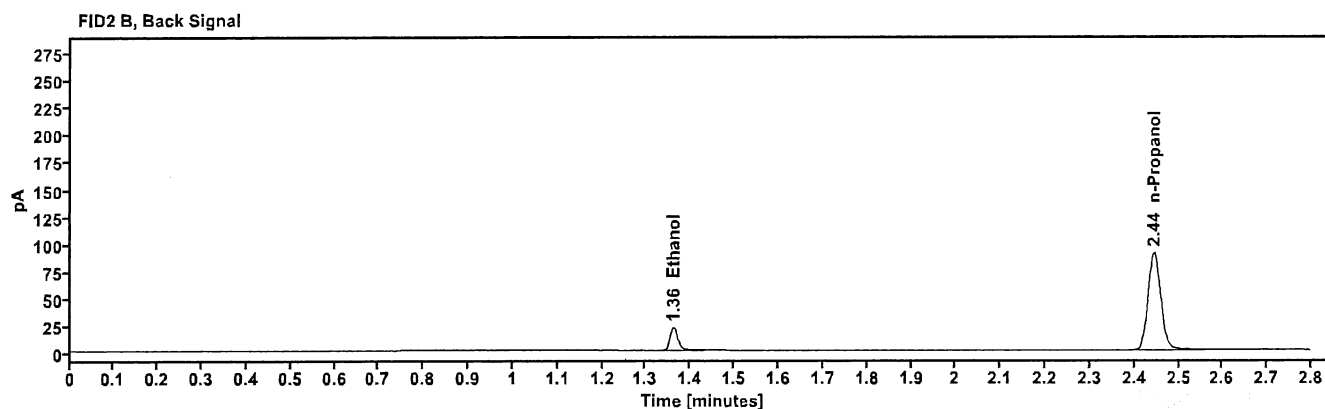
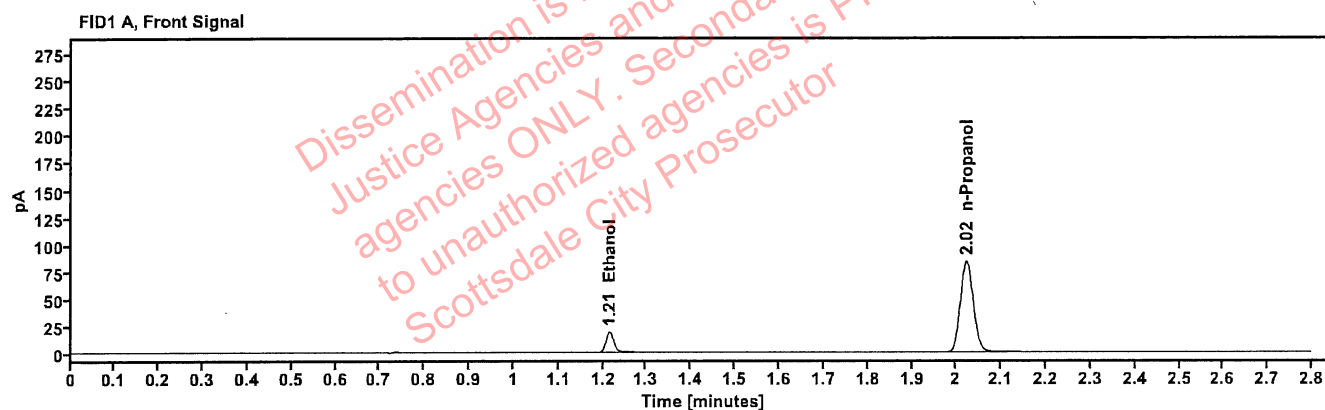


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0401	1.215	23.953
n-Propanol	-----	2.022	167.153

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

Compound	Time (min)	Peak Area
Ethanol	1.362	26.061
n-Propanol	2.444	180.480

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	4110320133/11	Vial:	77
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 9:10:13 PM
Data file:	C:\Chem32\1\Data\28Aug24\77.D	Analyst:	Brooke

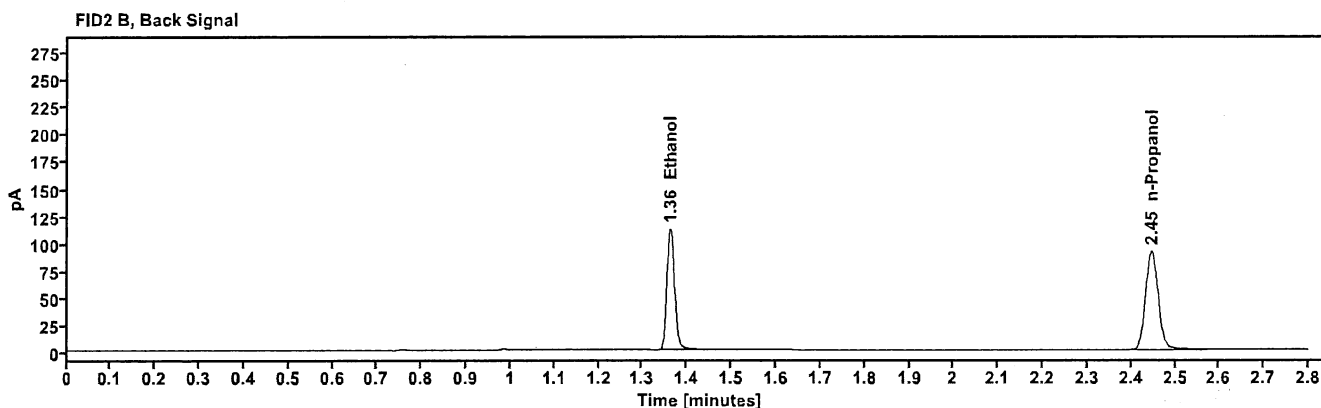
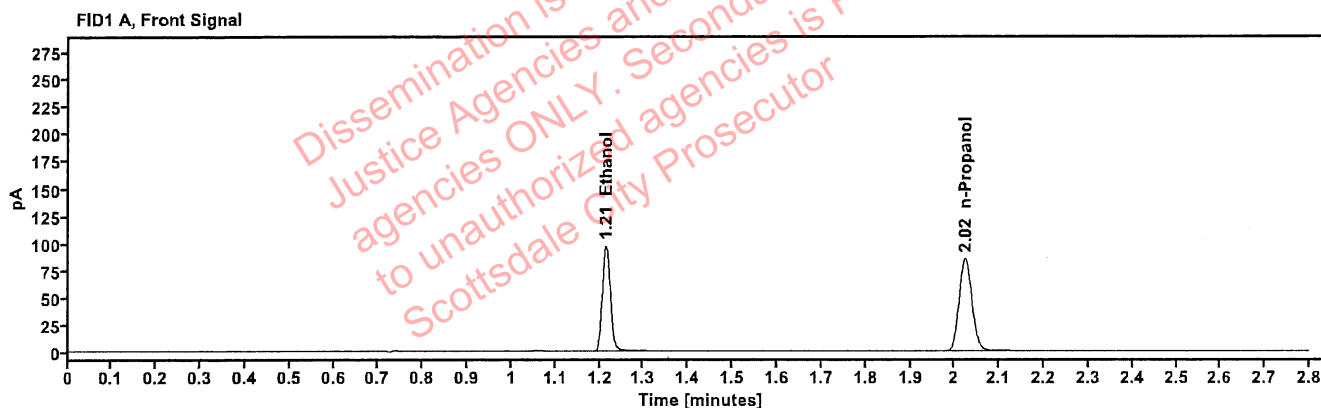


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1998	1.214	123.207
n-Propanol	-----	2.023	169.687

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

Compound	Time (min)	Peak Area
Ethanol	1.362	135.176
n-Propanol	2.446	183.495

Scottsdale Police Department Crime Lab Volatiles Analysis

BB

Sample:	060724AQ	Vial:	78
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 9:14:14 PM
Data file:	C:\Chem32\1\Data\28Aug24\78.D	Analyst:	Brooke

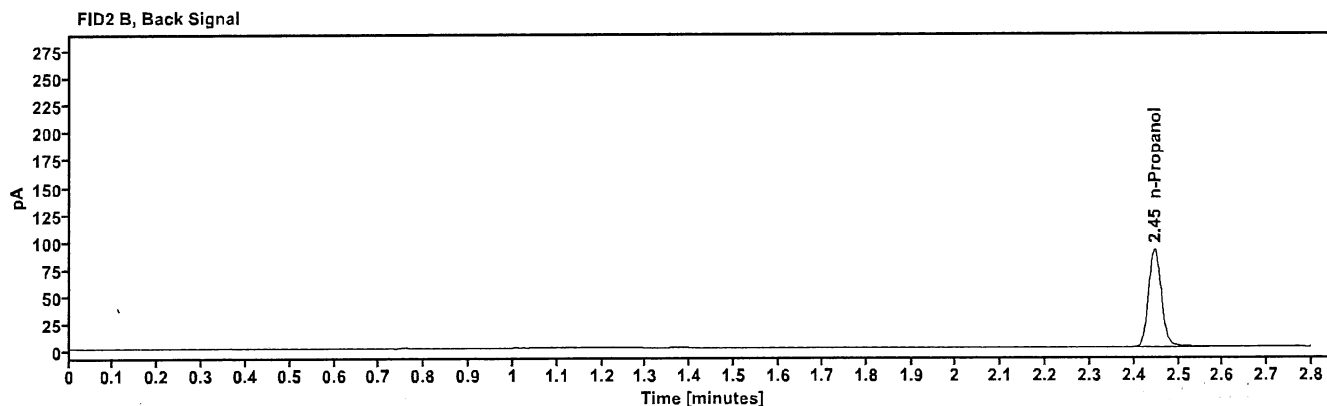
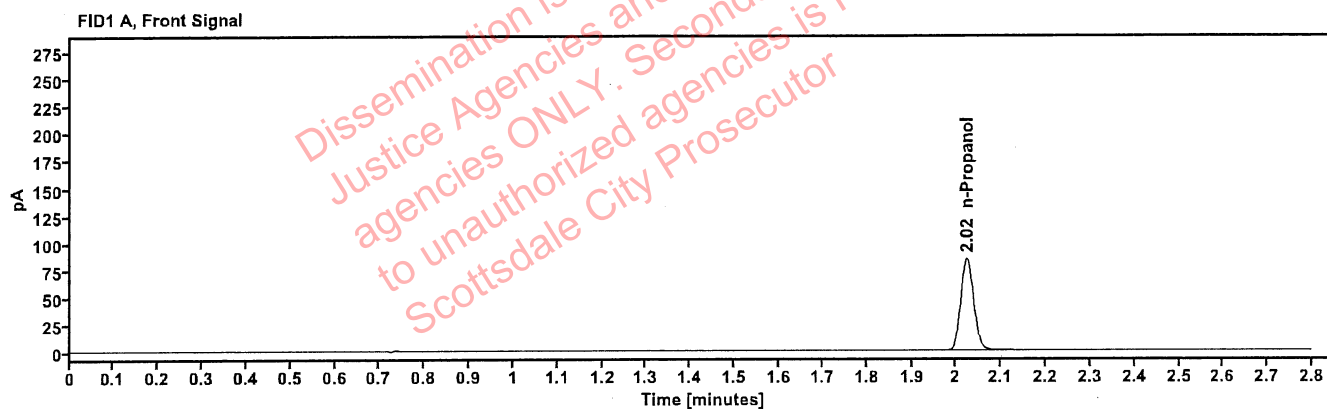


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.024	168.065

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

Compound	Time (min)	Peak Area
n-Propanol	2.446	181.531

Sequence Summary

Page 1 of 2

FB

Sequence name: 28Aug24 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	050624WB	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	2224447-4		Sample		ethanol quant.M
11	2224447-4		Sample		ethanol quant.M
12	435-01C.G.		Sample		ethanol quant.M
13	435-01C.G.		Sample		ethanol quant.M
14	0435-01J.G.		Sample		ethanol quant.M
15	0435-01J.G.		Sample		ethanol quant.M
16	347-01D.W.		Sample		ethanol quant.M
17	347-01D.W.		Sample		ethanol quant.M
18	347-01D.M.		Sample		ethanol quant.M
19	347-01D.M.		Sample		ethanol quant.M
20	25052023-A	0.100	Control		ethanol quant.M
21	422-01S.G.		Sample		ethanol quant.M
22	422-01S.G.		Sample		ethanol quant.M
23	2415054-2		Sample		ethanol quant.M
24	2415054-2		Sample		ethanol quant.M
25	2415318-1		Sample		ethanol quant.M
26	2415318-1		Sample		ethanol quant.M
27	2415369-1		Sample		ethanol quant.M
28	2415369-1		Sample		ethanol quant.M
29	2415445-2		Sample		ethanol quant.M
30	2415445-2		Sample		ethanol quant.M
31	4110320133/11	0.199	Control		ethanol quant.M
32	2408617-3		Sample		ethanol quant.M
33	2408617-3		Sample		ethanol quant.M
34	2415356-4		Sample		ethanol quant.M
35	2415356-4		Sample		ethanol quant.M
36	2415455-2		Sample		ethanol quant.M
37	2415455-2		Sample		ethanol quant.M
38	2415509-2		Sample		ethanol quant.M
39	2415509-2		Sample		ethanol quant.M
40	2415569-1		Sample		ethanol quant.M
41	2415569-1		Sample		ethanol quant.M
42	25052023-A	0.100	Control		ethanol quant.M
43	2404599-3		Sample		ethanol quant.M
44	2404599-3		Sample		ethanol quant.M
45	2415535-2		Sample		ethanol quant.M
46	2415535-2		Sample		ethanol quant.M
47	2415709-2		Sample		ethanol quant.M

Sequence Summary

PB

Page 2 of 2

48	2415709-2		Sample		ethanol quant.M
49	2326401-1		Sample		ethanol quant.M
50	2326401-1		Sample		ethanol quant.M
51	2415287-1		Sample		ethanol quant.M
52	2415287-1		Sample		ethanol quant.M
53	4110320133/11	0.199	Control		ethanol quant.M
54	2415511-2		Sample		ethanol quant.M
55	2415511-2		Sample		ethanol quant.M
56	2415289-2		Sample		ethanol quant.M
57	2415289-2		Sample		ethanol quant.M
58	2415793-2		Sample		ethanol quant.M
59	2415793-2		Sample		ethanol quant.M
60	2415847-1		Sample		ethanol quant.M
61	2415847-1		Sample		ethanol quant.M
62	2415783-3		Sample		ethanol quant.M
63	2415783-3		Sample		ethanol quant.M
64	25052023-A	0.100	Control		ethanol quant.M
65	2415717-2		Sample		ethanol quant.M
66	2415717-2		Sample		ethanol quant.M
67	2416029-2		Sample		ethanol quant.M
68	2416029-2		Sample		ethanol quant.M
69	2415953-2		Sample		ethanol quant.M
70	2415953-2		Sample		ethanol quant.M
71	2415937-1		Sample		ethanol quant.M
72	2415937-1		Sample		ethanol quant.M
73	2416282-1		Sample		ethanol quant.M
74	2416282-1		Sample		ethanol quant.M
75	12052023-B	0.400	Control		ethanol quant.M
76	518018	0.040	Control		ethanol quant.M
77	4110320133/11	0.199	Control		ethanol quant.M
78	060724AQ	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory

Summary of Cases

PB

SEQUENCE NAME: 28Aug24

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2595	0.2596	0.25955	0.02	0.00005
12 13	0.1578	0.1583	0.15805	0.16	0.00025
14 15	0.1924	0.1914	0.19190	0.26	0.00050
16 17	0.0531	0.0527	0.05290	0.38	0.00020
18 19	0.1215	0.1201	0.12080	0.58	0.00070
21 22	0.2143	0.2125	0.21340	0.42	0.00090
23 24	0.1887	0.1887	0.18870	0.00	0.00000
25 26	0.1020	0.1010	0.10150	0.49	0.00050
27 28	0.1636	0.1644	0.16400	0.24	0.00040
29 30	0.0964	0.0960	0.09620	0.21	0.00020
32 33	0.0000	0.0000	0.00000	0.00	0.00000
34 35	0.2196	0.2239	0.22175	0.97	0.00215
36 37	0.1274	0.1289	0.12815	0.59	0.00075
38 39	0.0701	0.0707	0.07040	0.43	0.00030
40 41	0.1874	0.1871	0.18725	0.08	0.00015
43 44	0.2898	0.2894	0.28960	0.07	0.00020
45 46	0.1262	0.1262	0.12620	0.00	0.00000
47 48	0.2628	0.2627	0.26275	0.02	0.00005
49 50	0.1164	0.1182	0.11730	0.77	0.00090
51 52	0.0808	0.0819	0.08135	0.68	0.00055
54 55	0.2762	0.2773	0.27675	0.20	0.00055
56 57	0.0152	0.0151	0.01515	0.33	0.00005
58 59	0.0951	0.0945	0.09480	0.32	0.00030
60 61	0.1857	0.1853	0.18550	0.11	0.00020
62 63	0.2160	0.2187	0.21735	0.62	0.00135
65 66	0.1690	0.1690	0.16900	0.00	0.00000
67 68	0.2326	0.2332	0.23290	0.13	0.00030
69 70	0.1614	0.1607	0.16105	0.22	0.00035
71 72	0.1665	0.1671	0.16680	0.18	0.00030
73 74	0.2998	0.3001	0.29995	0.05	0.00015

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

Scottsdale Forensic Lab

Blood Alcohol Pipetting Log

pb

ANALYST: Brooke

SEQUENCE: 28Aug24

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	2224447-4	2224447-4	2224447-4	Yes
Vials 12 and 13	435-01C.G.	435-01C.G.	435-01C.G.	Yes
Vials 14 and 15	0435-01J.G.	0435-01J.G.	0435-01J.G.	Yes
Vials 16 and 17	347-01D.W.	347-01D.W.	347-01D.W.	Yes
Vials 18 and 19	347-01D.M.	347-01D.M.	347-01D.M.	Yes
Vials 21 and 22	422-01S.G.	422-01S.G.	422-01S.G.	Yes
Vials 23 and 24	2415054-2	2415054-2	2415054-2	Yes
Vials 25 and 26	2415318-1	2415318-1	2415318-1	Yes
Vials 27 and 28	2415369-1	2415369-1	2415369-1	Yes
Vials 29 and 30	2415445-2	2415445-2	2415445-2	Yes
Vials 32 and 33	2408617-3	2408617-3	2408617-3	Yes
Vials 34 and 35	2415356-4	2415356-4	2415356-4	Yes
Vials 36 and 37	2415455-2	2415455-2	2415455-2	Yes
Vials 38 and 39	2415509-2	2415509-2	2415509-2	Yes
Vials 40 and 41	2415569-1	2415569-1	2415569-1	Yes
Vials 43 and 44	2404599-3	2404599-3	2404599-3	Yes
Vials 45 and 46	2415535-2	2415535-2	2415535-2	Yes
Vials 47 and 48	2415709-2	2415709-2	2415709-2	Yes
Vials 49 and 50	2326401-1	2326401-1	2326401-1	Yes
Vials 51 and 52	2415287-1	2415287-1	2415287-1	Yes
Vials 54 and 55	2415511-2	2415511-2	2415511-2	Yes
Vials 56 and 57	2415289-2	2415289-2	2415289-2	Yes
Vials 58 and 59	2415793-2	2415793-2	2415793-2	Yes
Vials 60 and 61	2415847-1	2415847-1	2415847-1	Yes
Vials 62 and 63	2415783-3	2415783-3	2415783-3	Yes
Vials 65 and 66	2415717-2	2415717-2	2415717-2	Yes
Vials 67 and 68	2416029-2	2416029-2	2416029-2	Yes
Vials 69 and 70	2415953-2	2415953-2	2415953-2	Yes
Vials 71 and 72	2415937-1	2415937-1	2415937-1	Yes
Vials 73 and 74	2416282-1	2416282-1	2416282-1	Yes

: Brooke, Phillip - (30-Aug-2024)

Case: User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2224447-4	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 4:39:28 PM
Data file:	C:\Chem32\1\Data\28Aug24\10.D	Analyst:	Brooke

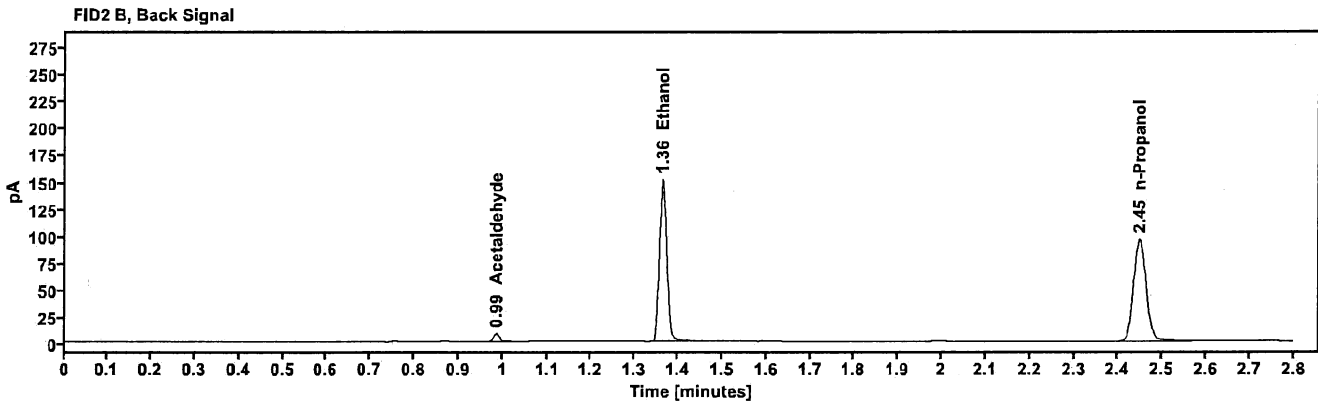
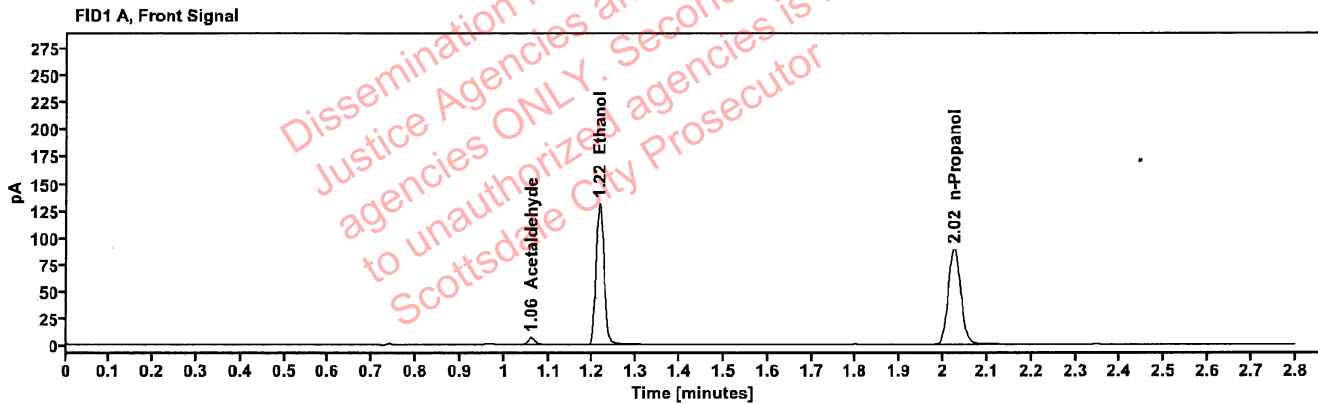


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.060	6.738
>Ethanol	0.2595	1.215	166.383
n-Propanol	—	2.025	176.245

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	7.582
Ethanol	1.364	182.694
n-Propanol	2.448	190.502

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2224447-4	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 4:43:28 PM
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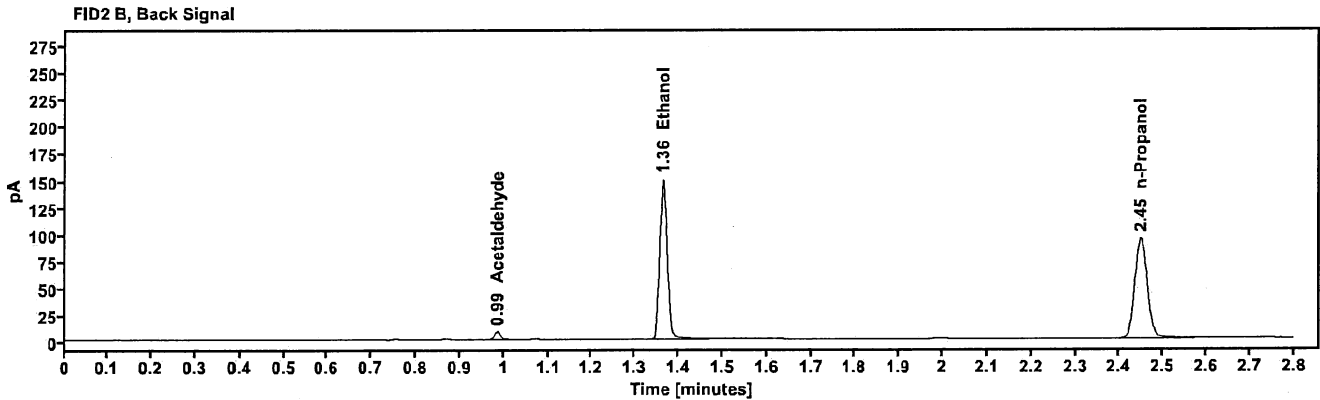
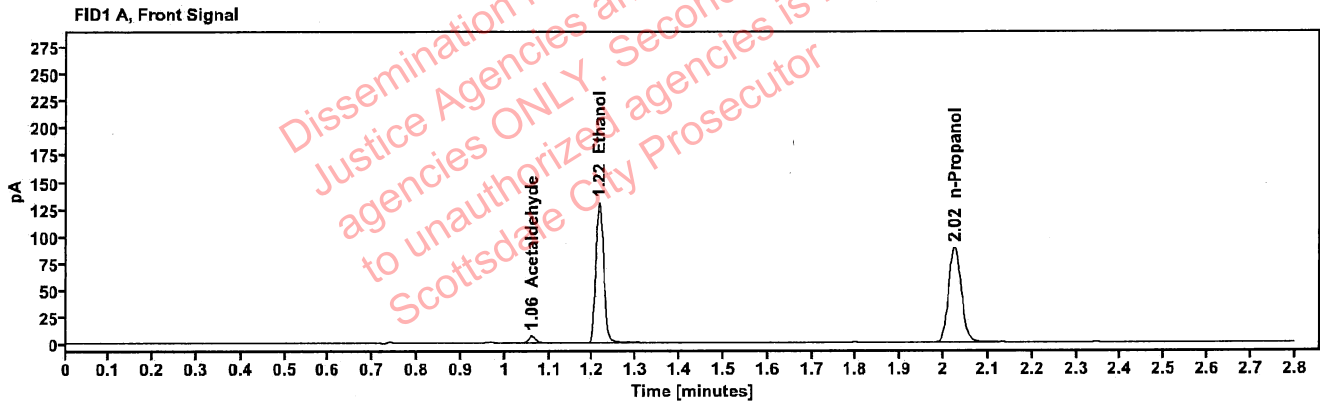


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.060	6.685
>Ethanol	0.2596	1.215	165.186
n-Propanol	—	2.025	174.895

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	7.521
Ethanol	1.364	181.456
n-Propanol	2.448	189.139

: Brooke, Phillip - (30-Aug-2024)

Case: User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	435-01C.G.	Vial:	12
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 4:47:28 PM
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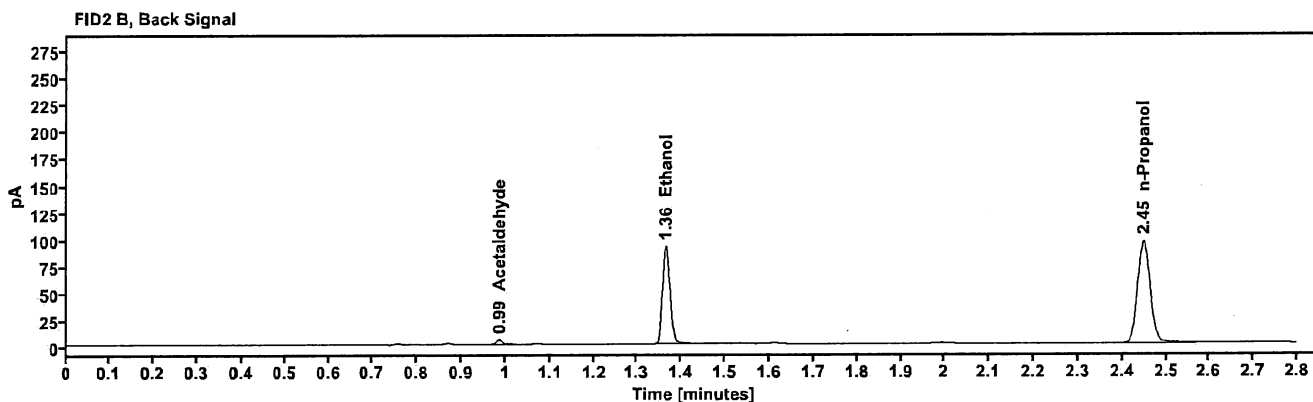
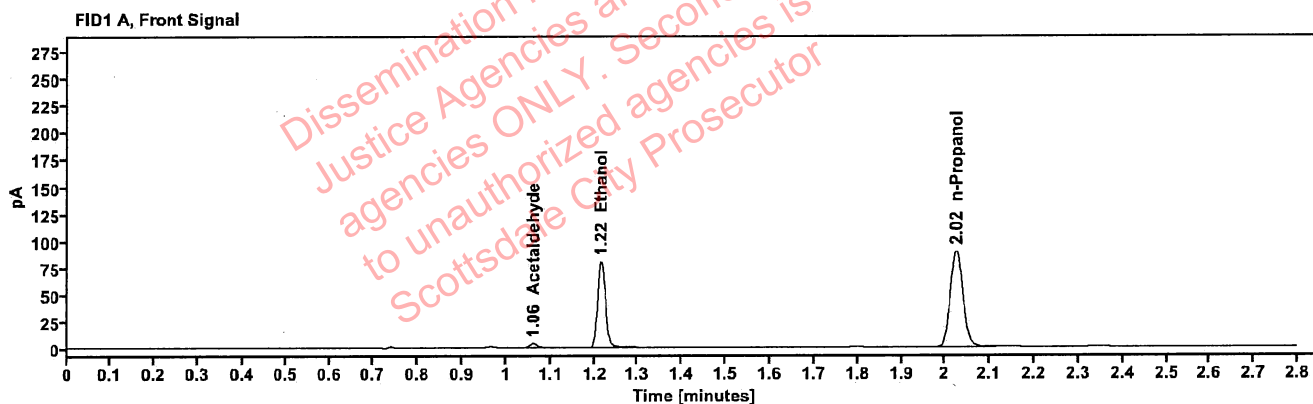


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.060	4.200
>Ethanol	0.1578	1.216	101.859
n-Propanol	-----	2.025	177.748

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.757
Ethanol	1.364	111.431
n-Propanol	2.448	192.752

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	435-01C.G.	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 4:51:43 PM
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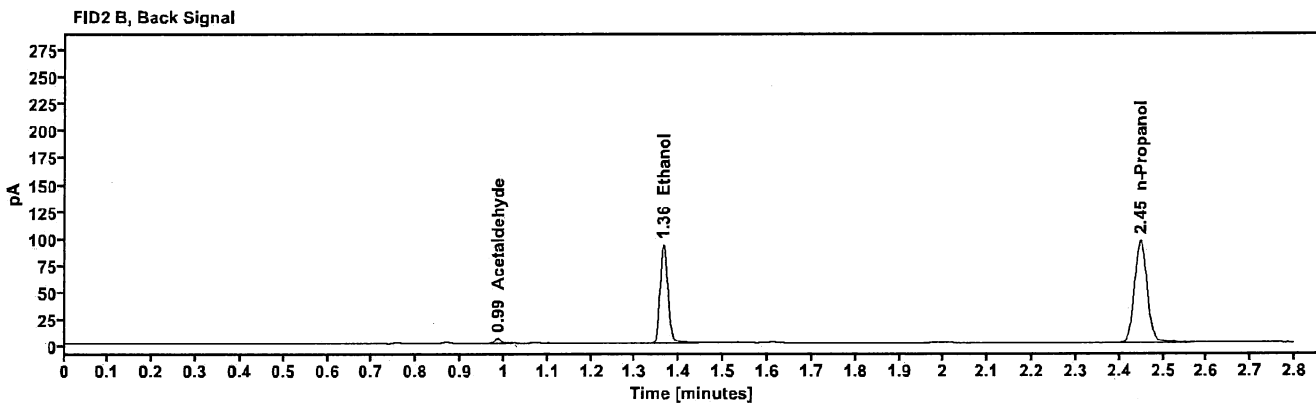
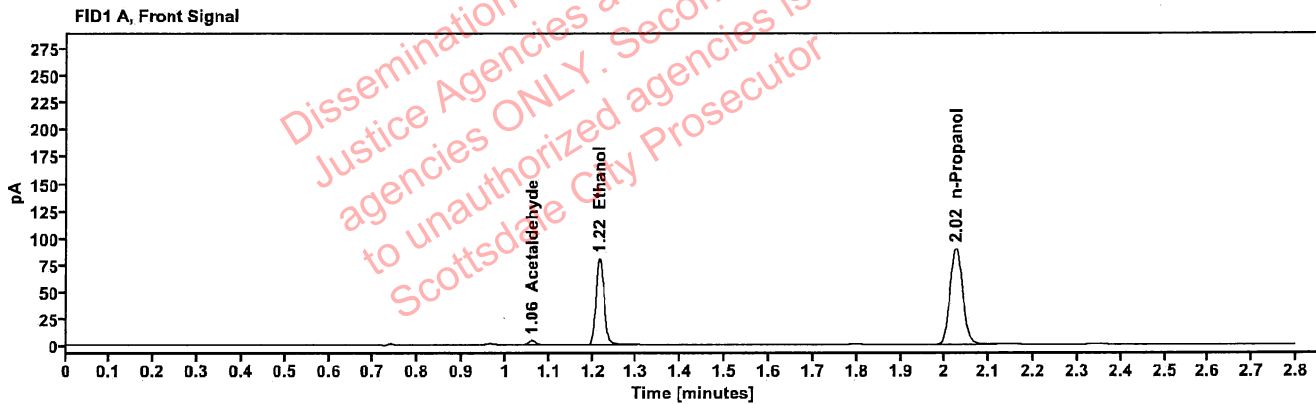


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	---	1.060	4.198
>Ethanol	0.1583	1.216	102.212
n-Propanol	---	2.025	177.827

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.761
Ethanol	1.364	111.761
n-Propanol	2.448	192.463

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0435-01J.G.	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 4:55:43 PM
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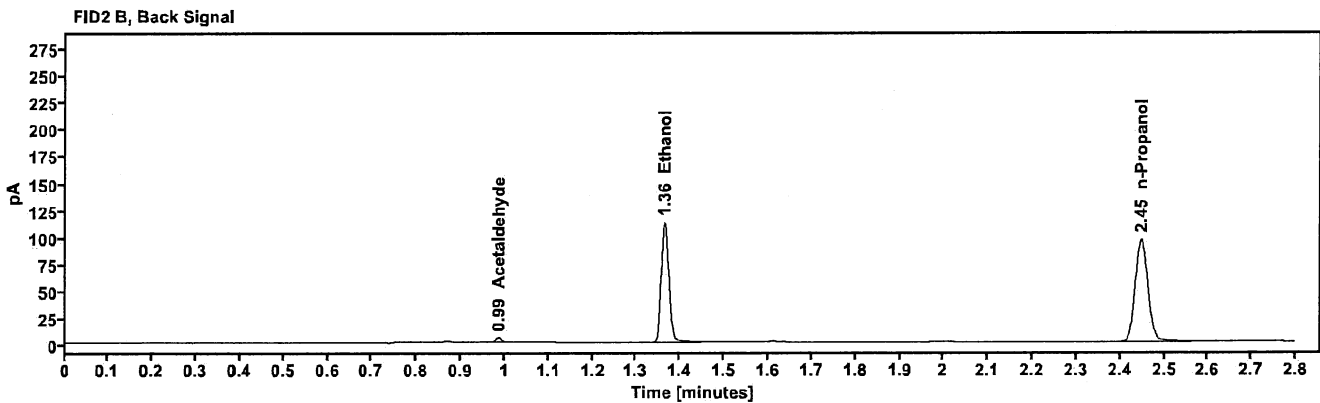
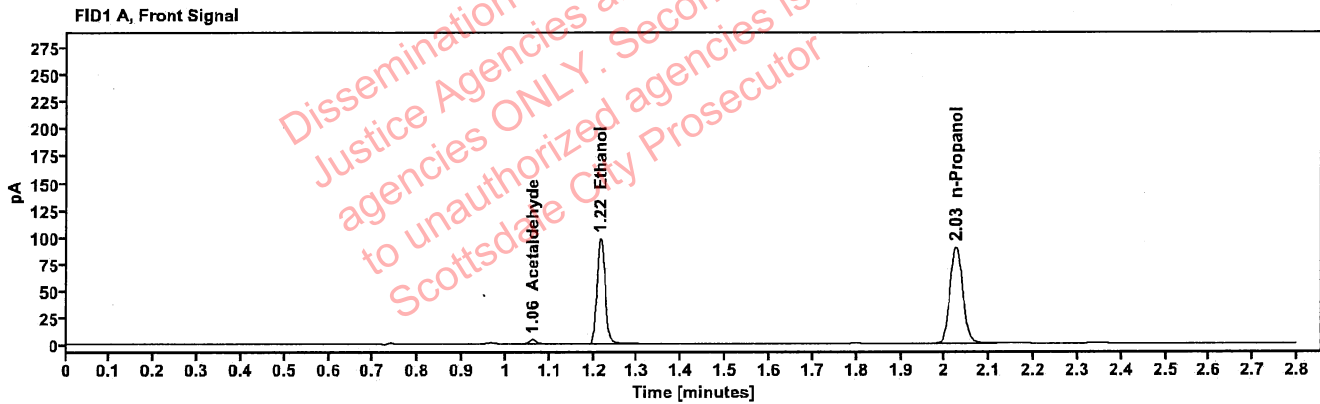


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.060	4.223
>Ethanol	0.1924	1.215	124.768
n-Propanol	-----	2.025	178.433

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.842
Ethanol	1.364	136.683
n-Propanol	2.448	193.137

[REDACTED]: Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0435-01J.G.	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 4:59:43 PM
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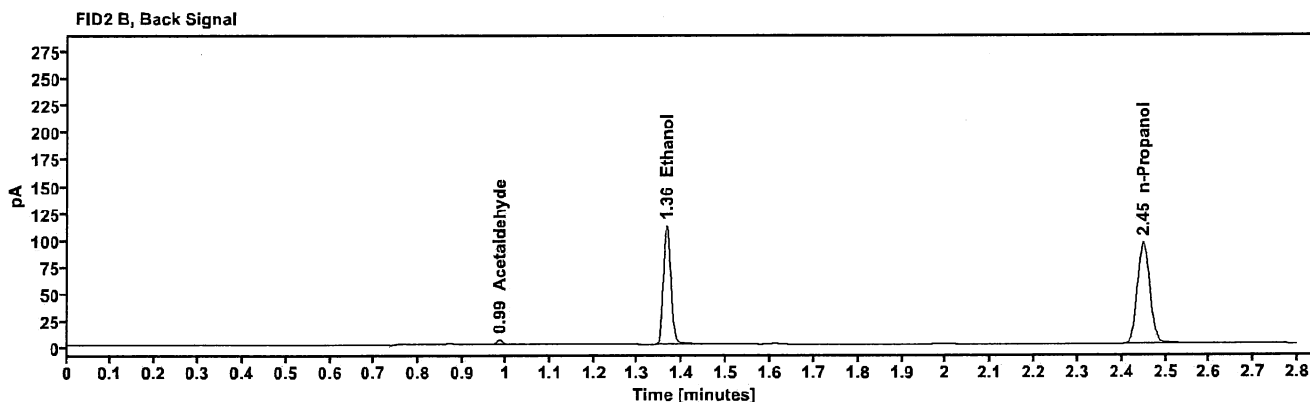
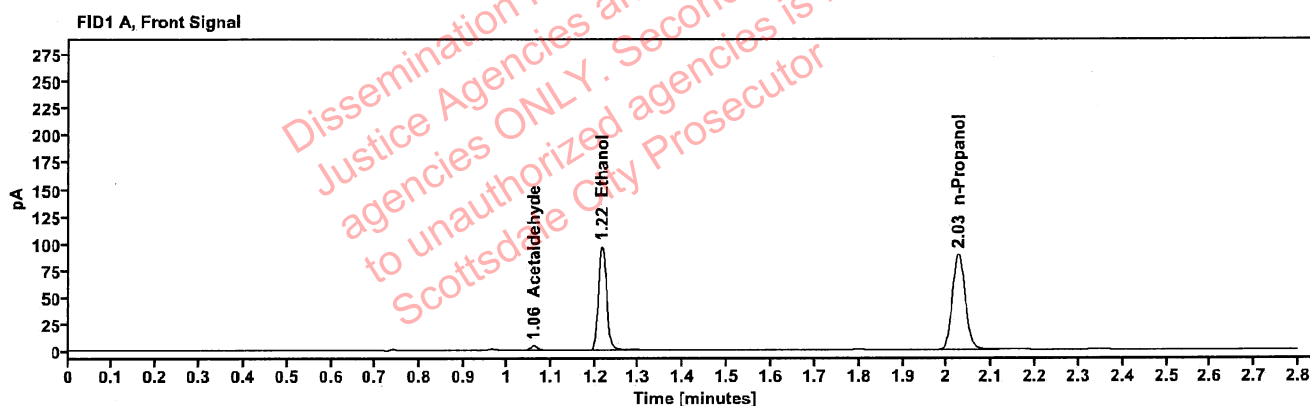


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.061	4.261
>Ethanol	0.1914	1.216	122.620
n-Propanol	—	2.026	176.312

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.886
Ethanol	1.365	134.154
n-Propanol	2.449	190.838

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	347-01D.W.	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 5:03:43 PM
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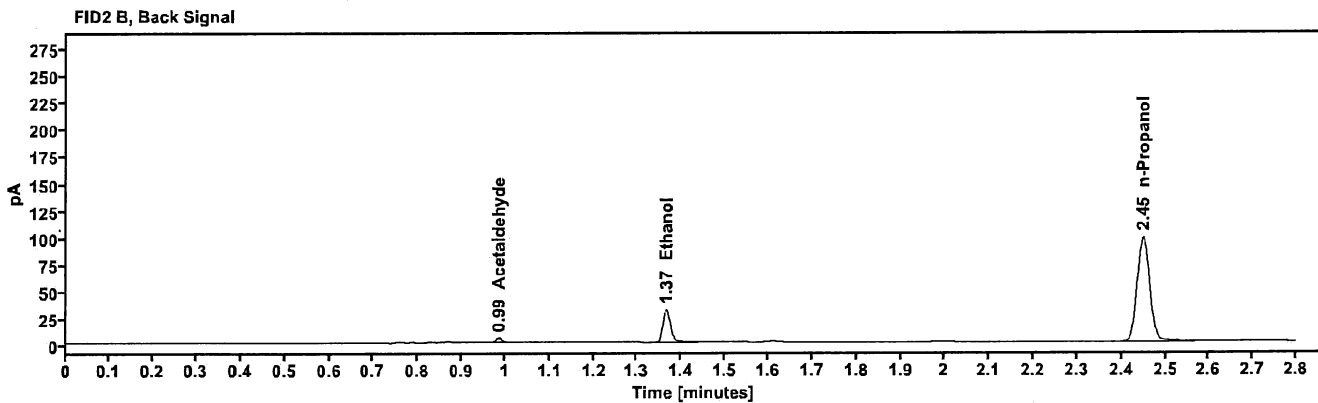
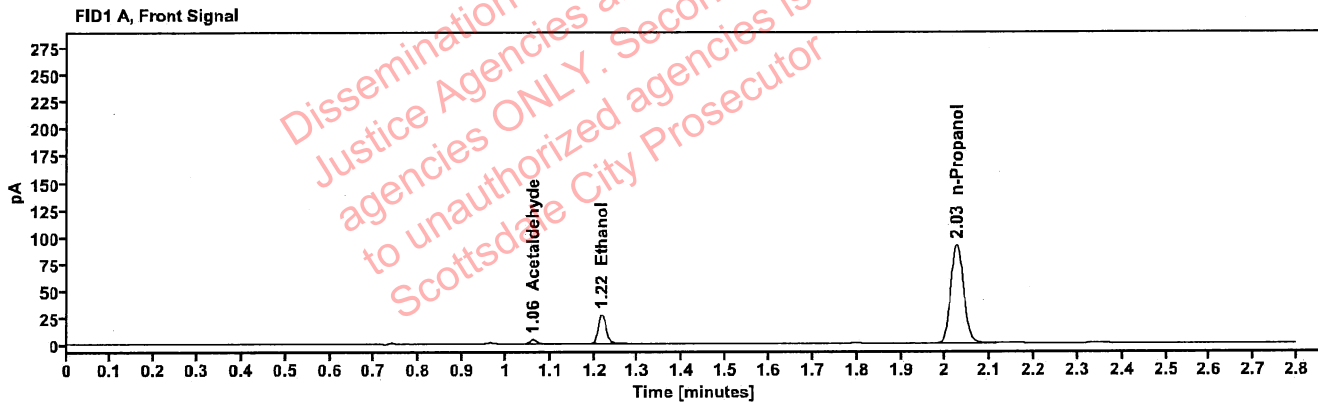


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.061	4.134
>Ethanol	0.0531	1.217	34.605
n-Propanol	—	2.025	181.544

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.714
Ethanol	1.365	38.183
n-Propanol	2.449	196.762

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	347-01D.W.	Vial:	17
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 5:07:44 PM
Data file:	C:\Chem32\1\Data\28Aug24\17.D	Analyst:	Brooke

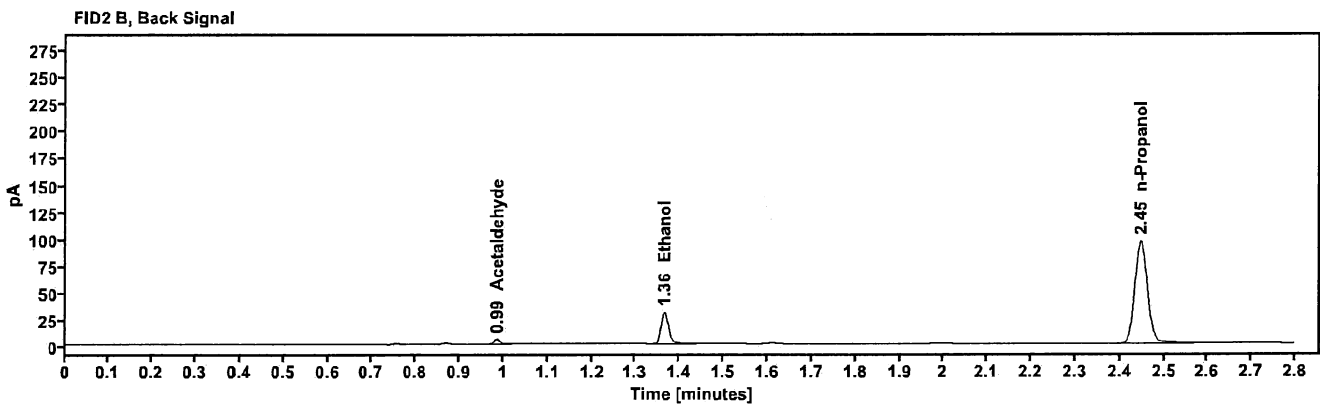
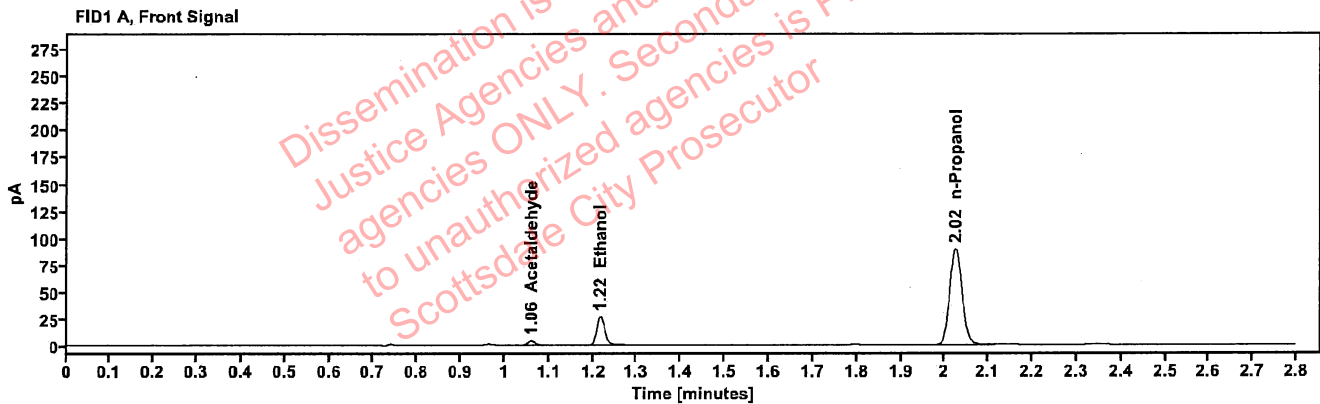


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.060	4.115
>Ethanol	0.0527	1.216	33.665
n-Propanol	—	2.025	177.927

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.628
Ethanol	1.365	37.049
n-Propanol	2.448	192.844

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	347-01D.M.	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 5:11:43 PM
Data file:	C:\Chem32\1\Data\28Aug24\18.D	Analyst:	Brooke

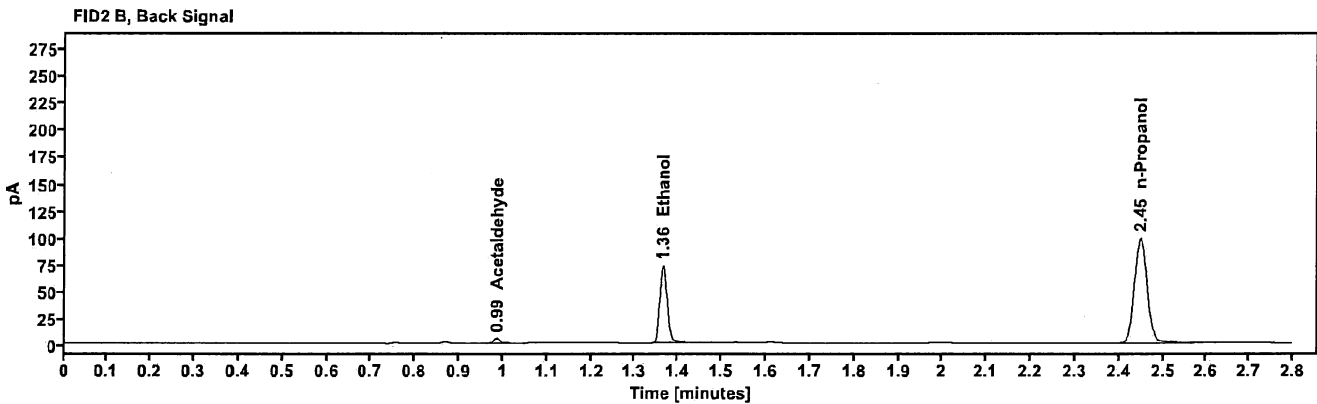
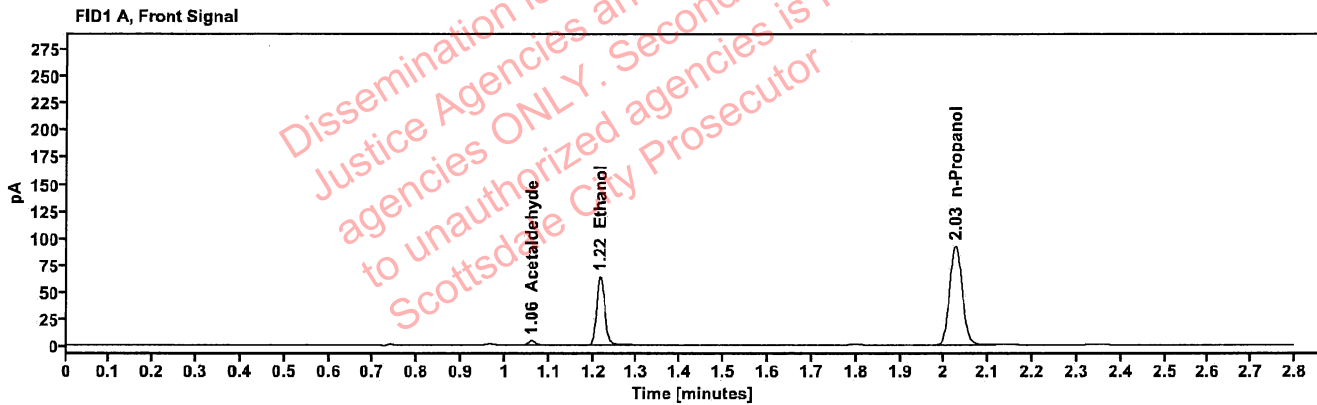


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.061	4.204
>Ethanol	0.1215	1.216	80.566
n-Propanol	-----	2.025	182.937

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.747
Ethanol	1.365	87.942
n-Propanol	2.449	198.290

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	347-01D.M.	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 5:15:58 PM
Data file:	C:\Chem32\1\Data\28Aug24\19.D	Analyst:	Brooke

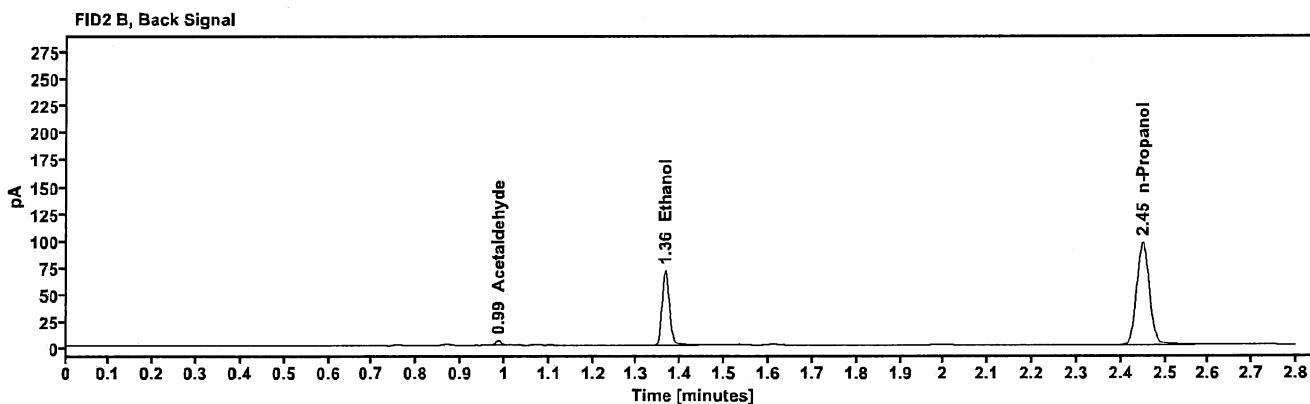
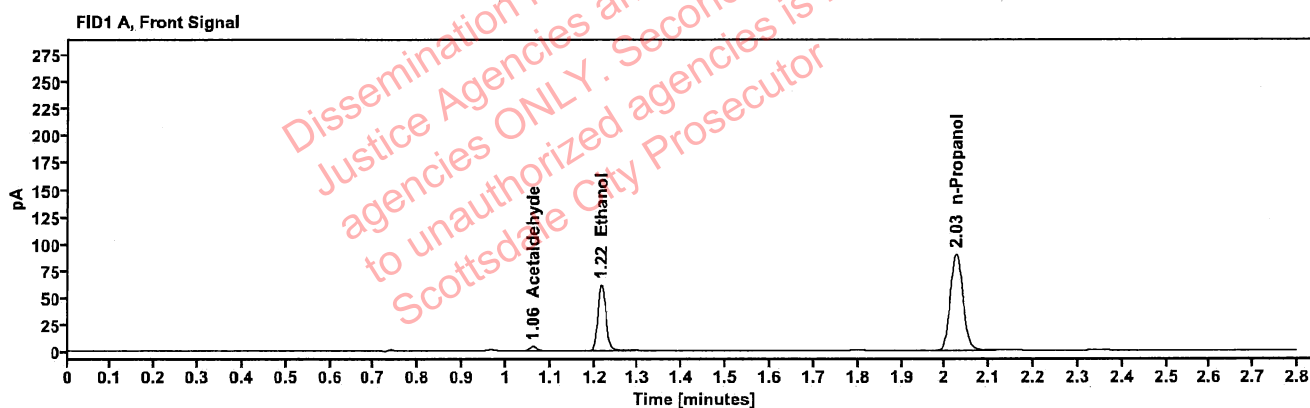


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.061	4.269
>Ethanol	0.1201	1.216	77.737
n-Propanol	-----	2.025	178.493

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.844
Ethanol	1.365	84.873
n-Propanol	2.449	193.435

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	422-01 S.G.	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 5:23:58 PM
Data file:	C:\Chem32\1\Data\28Aug24\21.D	Analyst:	Brooke

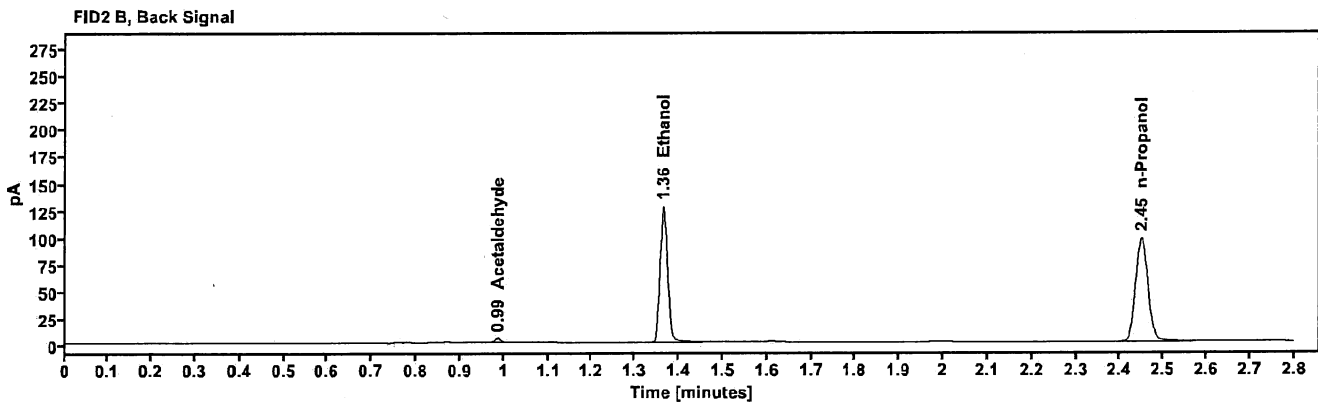
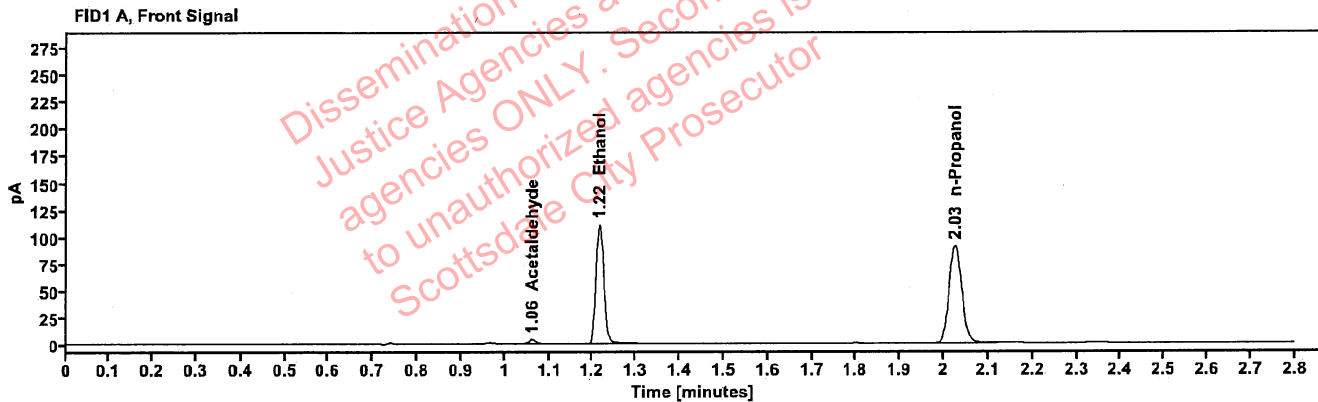


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.061	4.131
>Ethanol	0.2143	1.216	140.878
n-Propanol	—	2.025	180.776

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.745
Ethanol	1.364	154.495
n-Propanol	2.449	195.881

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	422-01S.G.	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 5:27:58 PM
Data file:	C:\Chem32\1\Data\28Aug24\22.D	Analyst:	Brooke

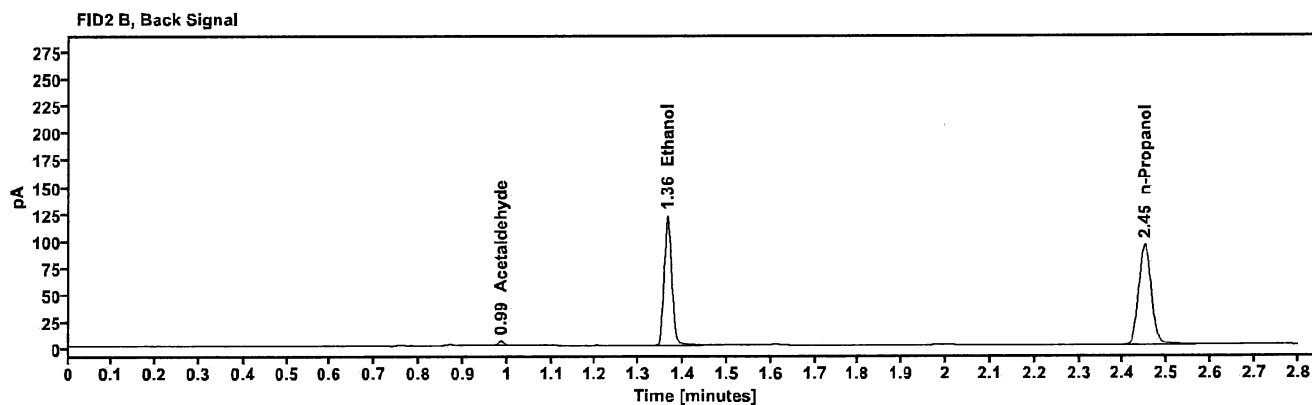
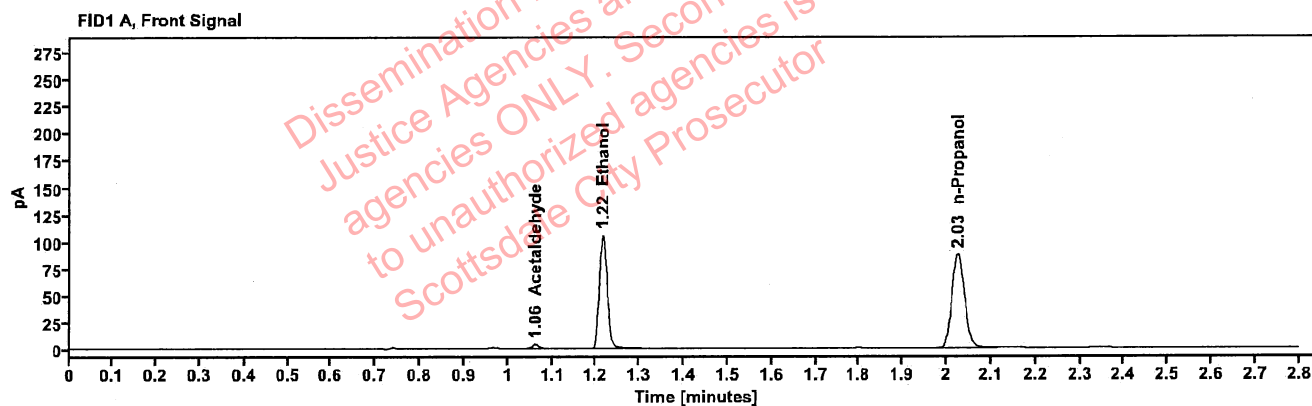


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.061	4.098
>Ethanol	0.2125	1.216	134.133
n-Propanol	—	2.025	173.630

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.686
Ethanol	1.364	146.908
n-Propanol	2.449	187.807

: Brooke, Phillip - (30-Aug-2024)

Case: User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415054-2	Vial:	23
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 5:31:58 PM
Data file:	C:\Chem32\1\Data\28Aug24\23.D	Analyst:	Brooke

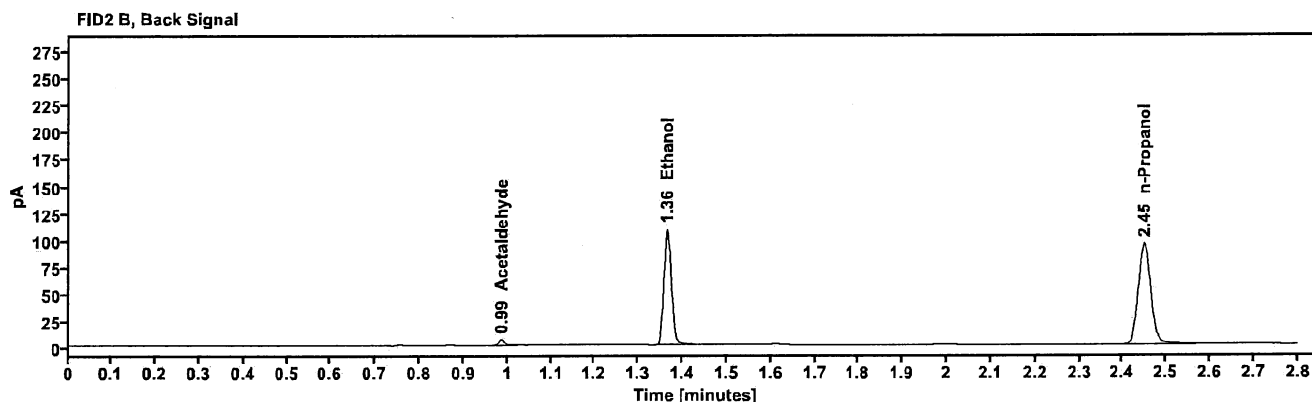
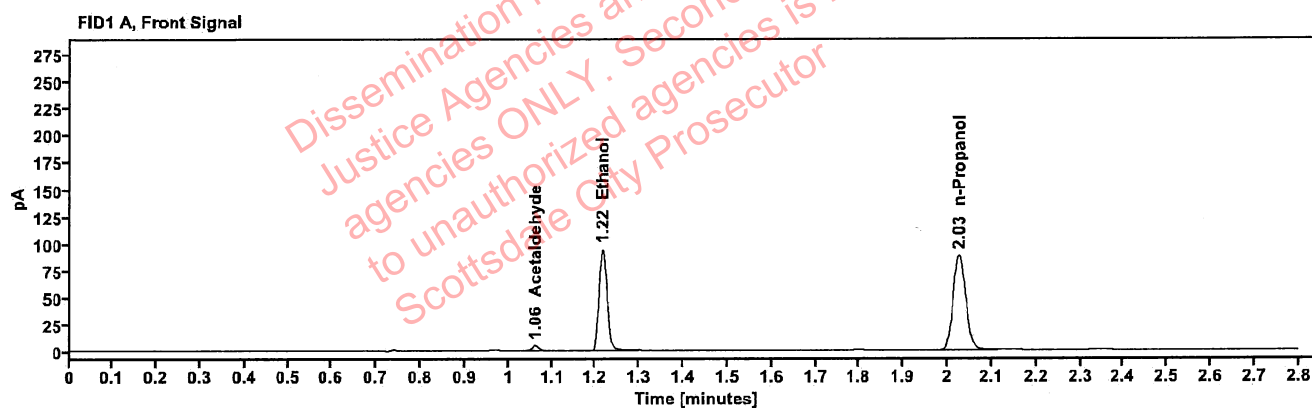


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.061	4.908
>Ethanol	0.1887	1.216	119.806
n-Propanol	—	2.026	174.748

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	5.536
Ethanol	1.365	131.027
n-Propanol	2.449	189.004

: Brooke, Phillip - (30-Aug-2024)

Case: User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415054-2	Vial:	24
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 5:35:58 PM
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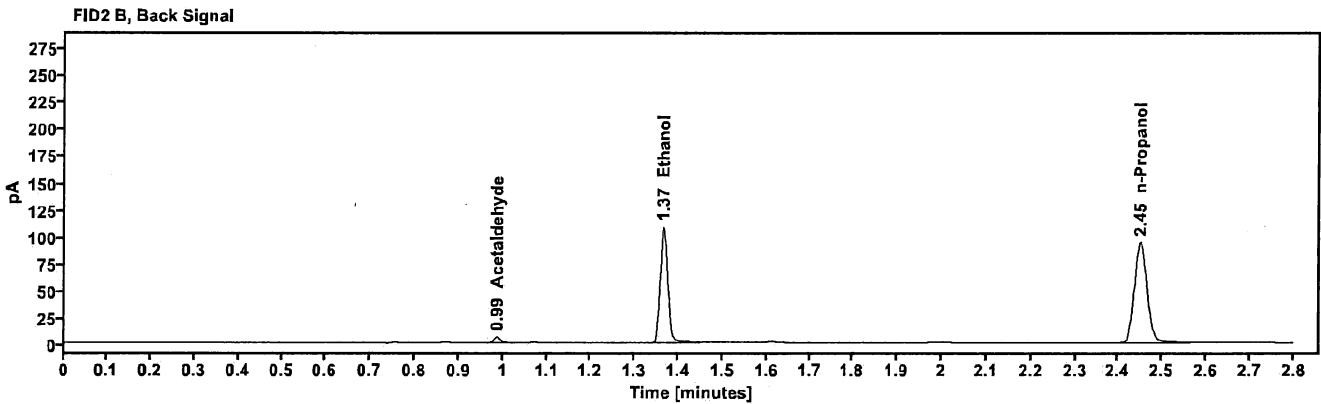
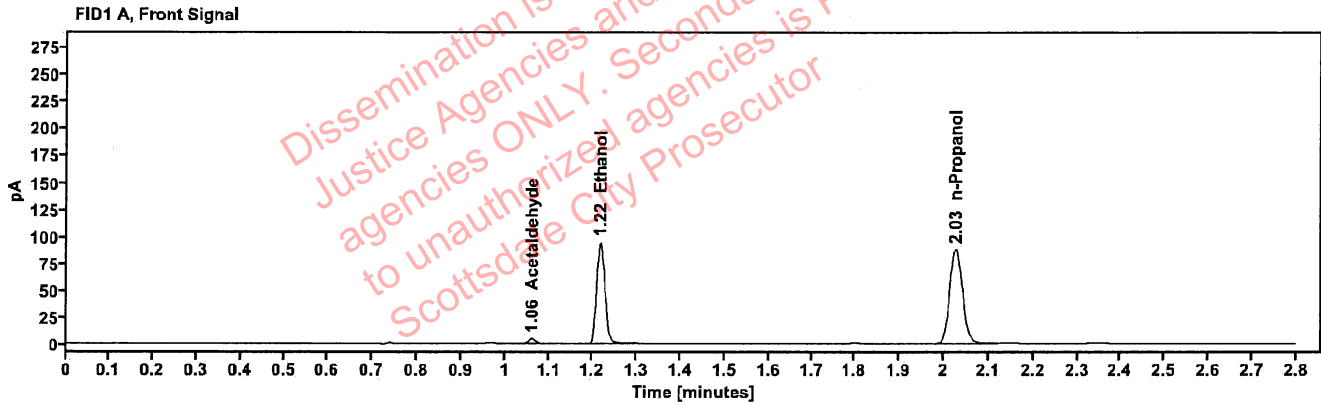


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.061	4.871
>Ethanol	0.1887	1.216	119.668
n-Propanol	—	2.027	174.518

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	5.495
Ethanol	1.365	131.107
n-Propanol	2.450	188.665

Brooke, Phillip - (30-Aug-2024)

Case: User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415318-1	Vial:	25
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 5:40:13 PM
Data file:	C:\Chem32\1\Data\28Aug24\25.D	Analyst:	Brooke

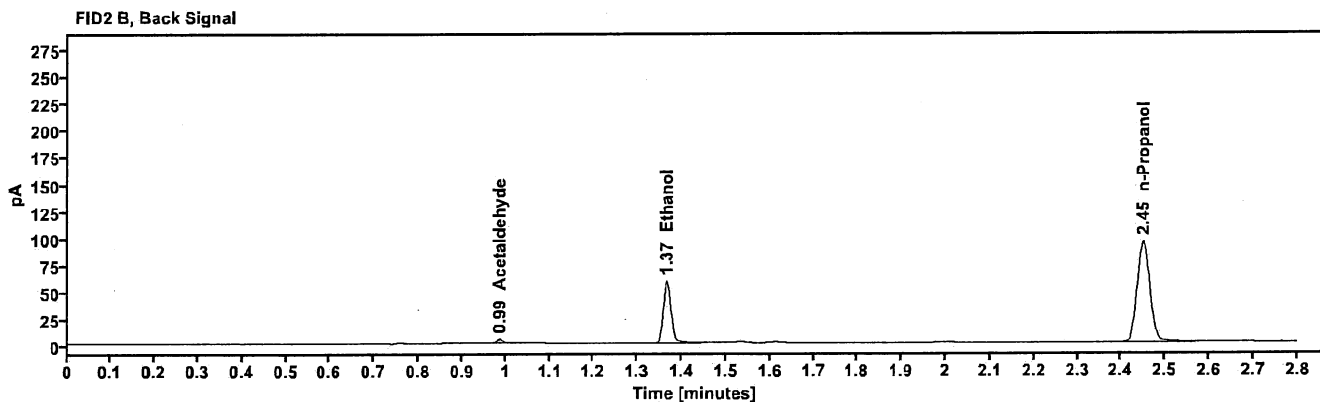
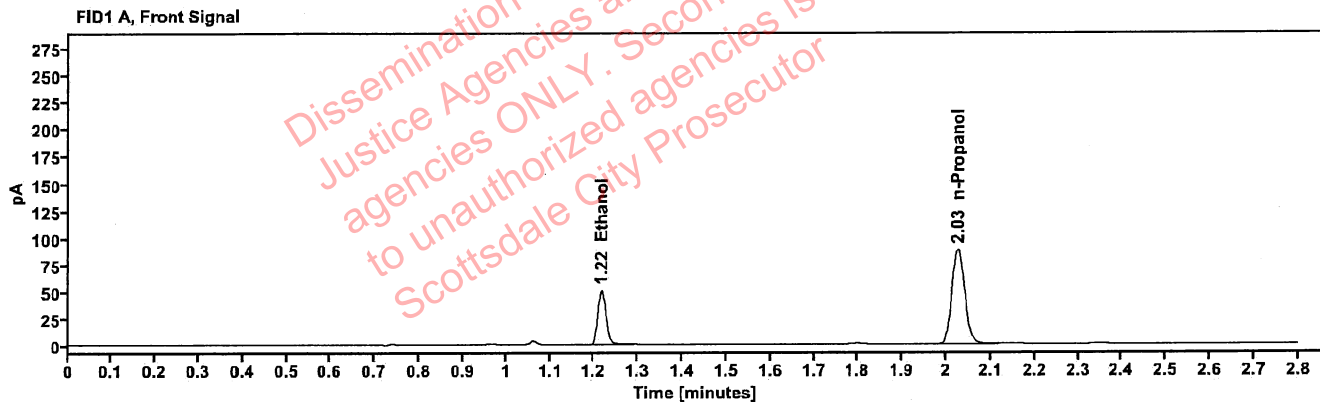


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1020	1.217	64.652
n-Propanol	---	2.026	175.163

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.210
Ethanol	1.365	70.498
n-Propanol	2.450	189.662

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415318-1	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 5:44:13 PM
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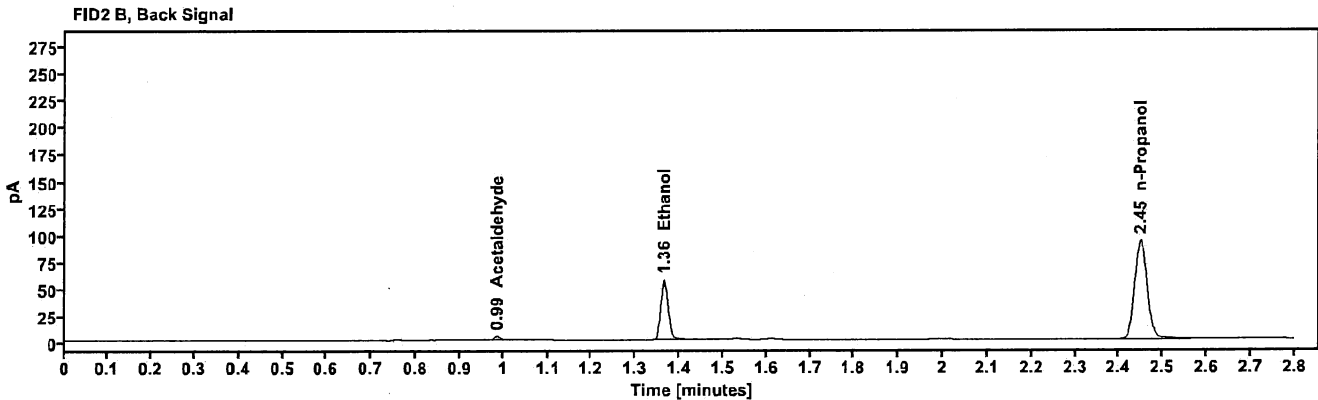
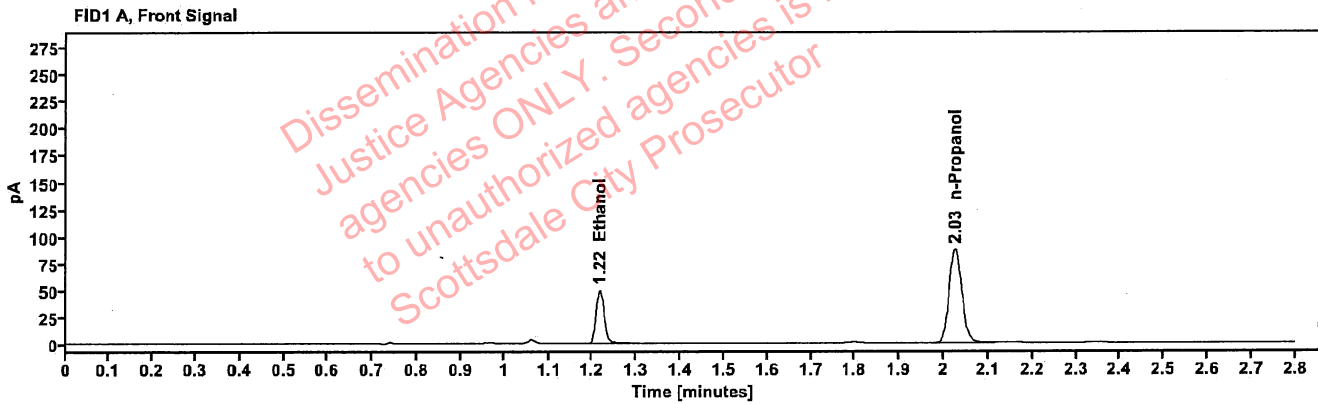


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1010	1.216	63.013
n-Propanol	—	2.025	172.355

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.171
Ethanol	1.365	68.804
n-Propanol	2.449	186.500

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415369-1	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 5:48:13 PM
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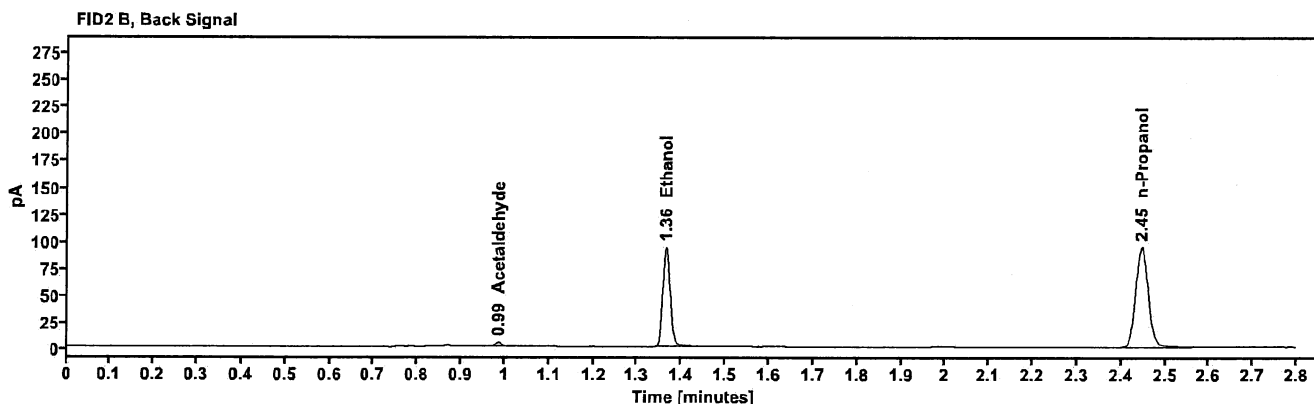
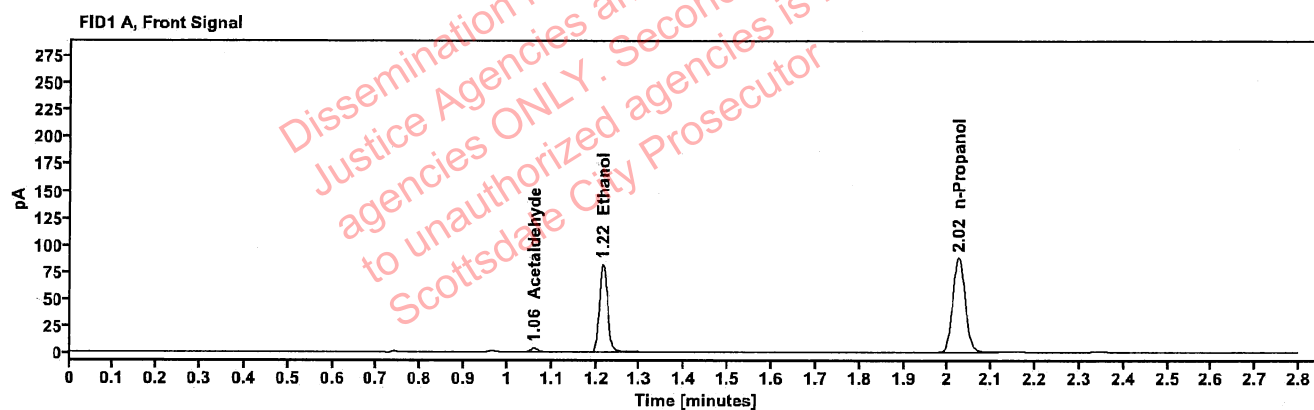


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.060	3.773
>Ethanol	0.1636	1.215	103.556
n-Propanol	—	2.024	174.339

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	4.295
Ethanol	1.364	113.228
n-Propanol	2.447	188.203

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415369-1	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 5:52:14 PM
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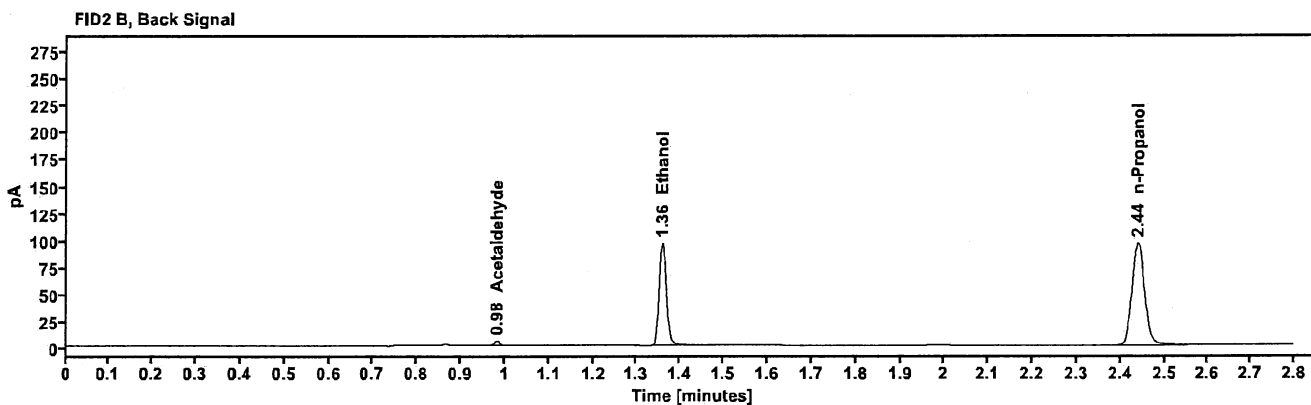
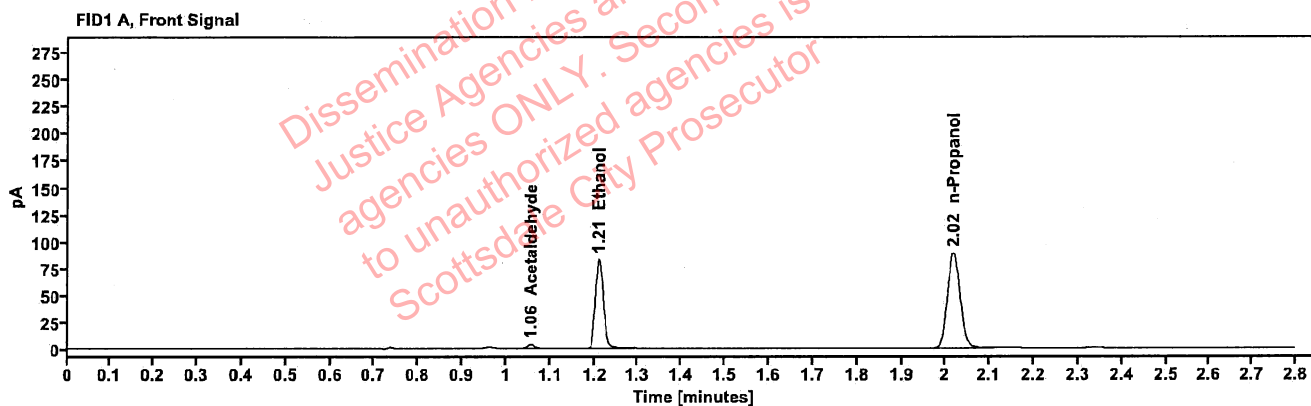


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	---	1.056	3.807
>Ethanol	0.1644	1.210	105.451
n-Propanol	---	2.017	176.606

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.982	4.337
Ethanol	1.358	115.143
n-Propanol	2.440	190.454

Brooke, Phillip - (30-Aug-2024)

Case: User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415445-2	Vial:	29
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 5:56:14 PM
Data file:	C:\Chem32\1\Data\28Aug24\29.D	Analyst:	Brooke

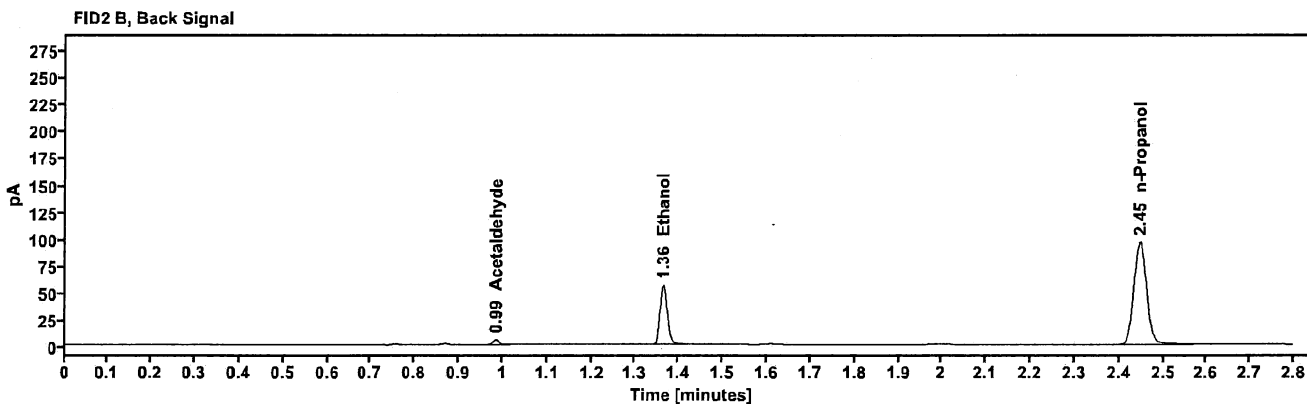
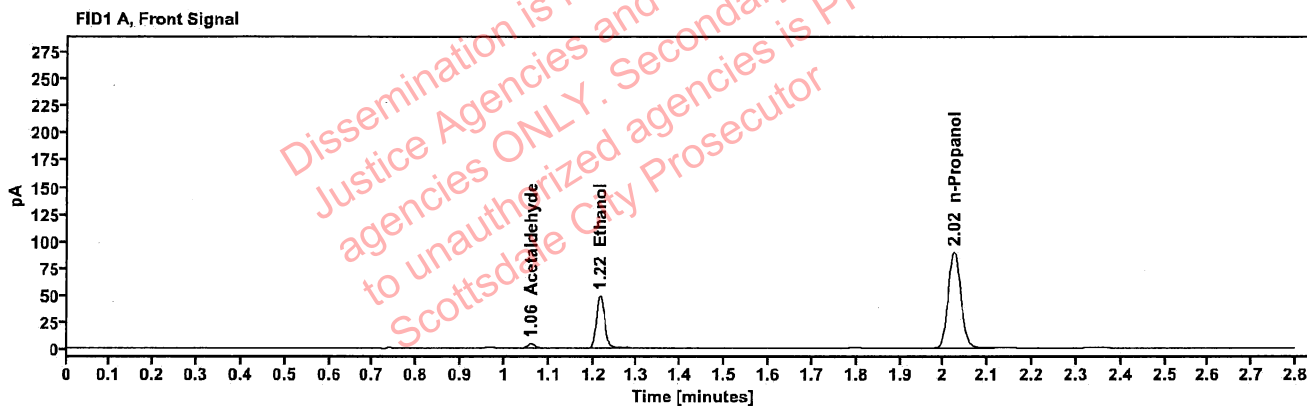


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.060	4.366
>Ethanol	0.0964	1.215	62.289
n-Propanol	—	2.024	178.528

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	4.900
Ethanol	1.364	67.718
n-Propanol	2.447	193.256

[REDACTED]: Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415445-2	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 6:00:13 PM
Data file:	C:\Chem32\1\Data\28Aug24\30.D	Analyst:	Brooke

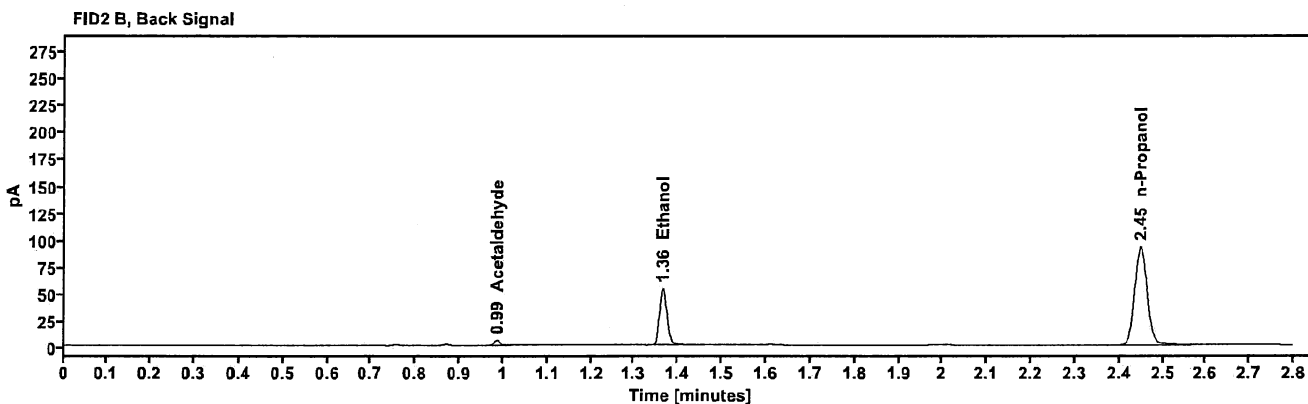
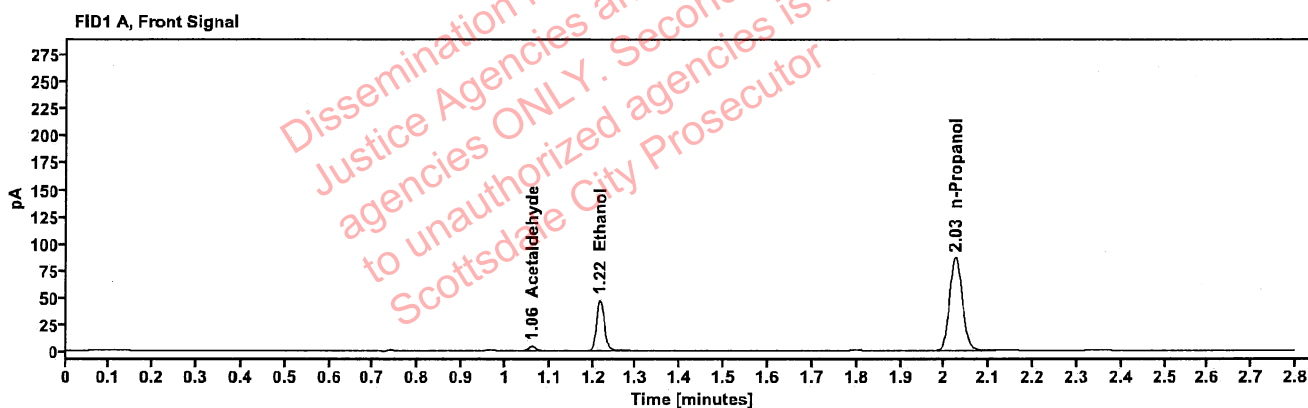


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.060	4.290
>Ethanol	0.0960	1.216	59.676
n-Propanol	-----	2.025	171.730

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.829
Ethanol	1.365	65.068
n-Propanol	2.449	185.878

[REDACTED]: Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2408617-3	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 6:08:28 PM
Data file:	C:\Chem32\1\Data\28Aug24\32.D	Analyst:	Brooke

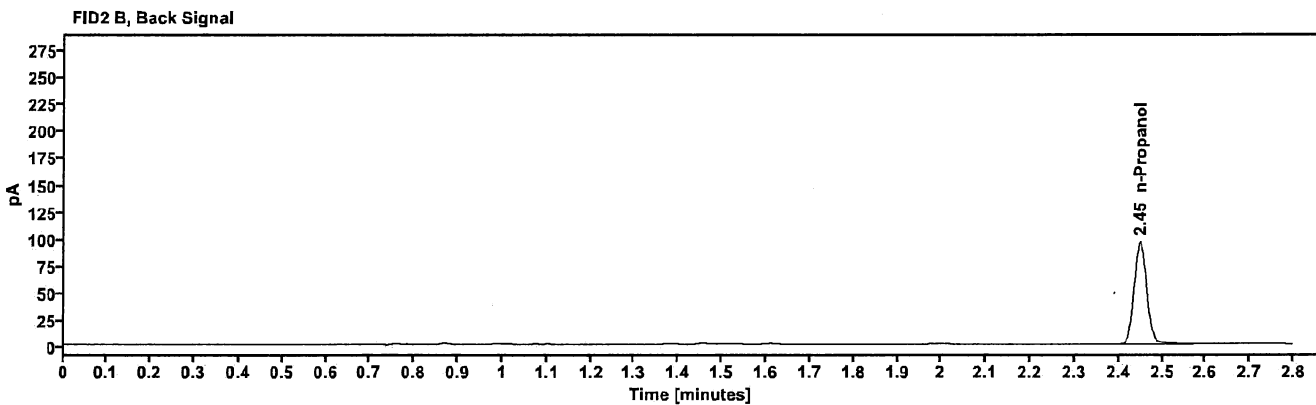
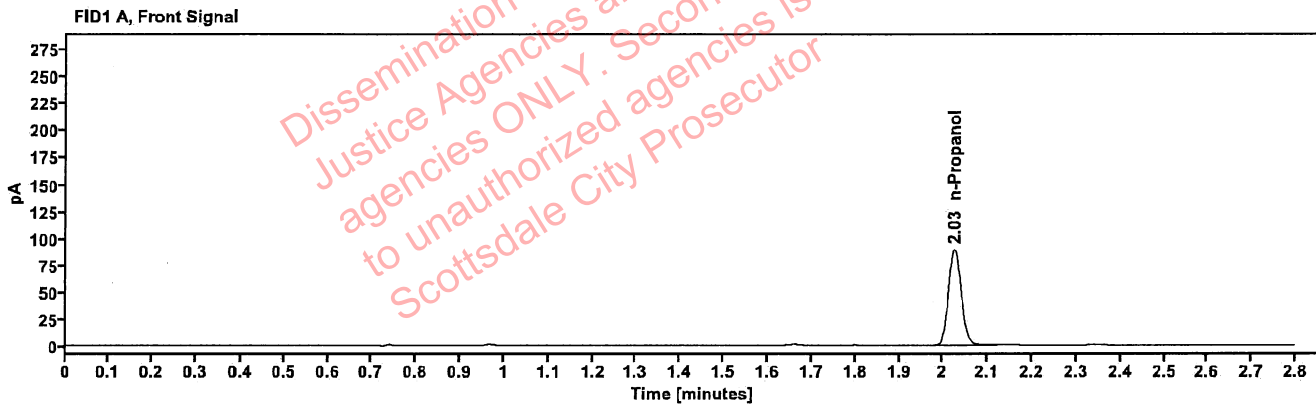


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.026	176.893

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

Compound	Time (min)	Peak Area
n-Propanol	2.449	191.596

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2408617-3	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 6:12:28 PM
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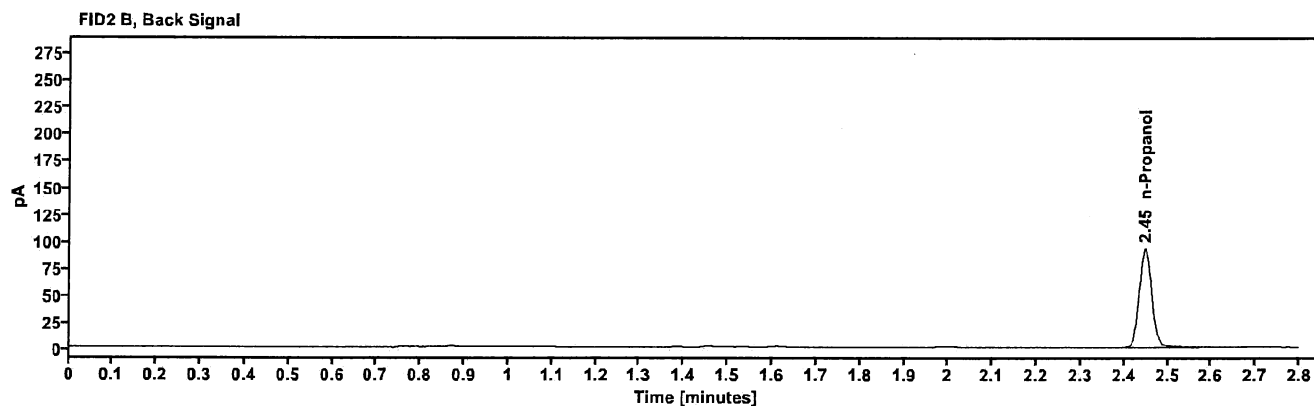
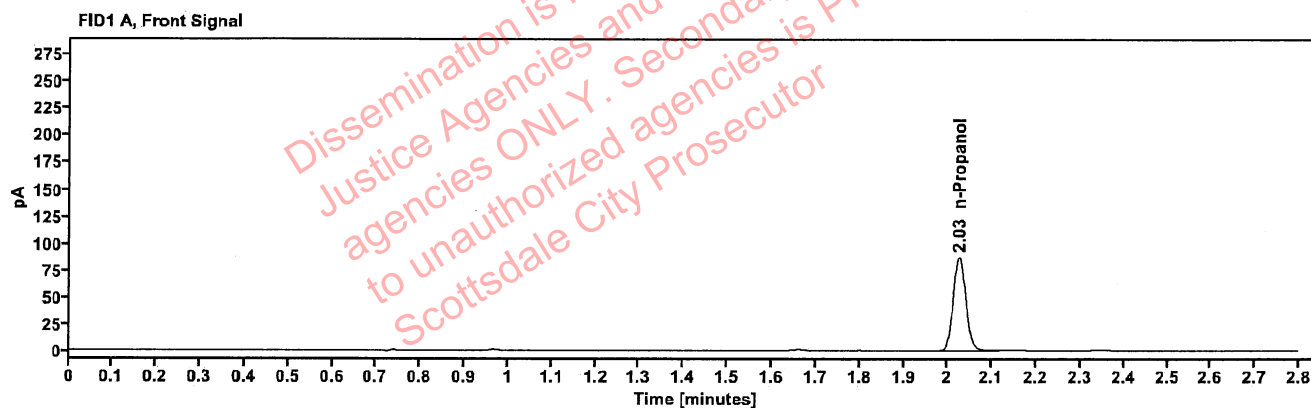


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.025	171.747

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

Compound	Time (min)	Peak Area
n-Propanol	2.449	186.106

: Brooke, Phillip - (30-Aug-2024)

Case: User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415356-4	Vial:	34
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 6:16:28 PM
Data file:	C:\Chem32\1\Data\28Aug24\34.D	Analyst:	Brooke

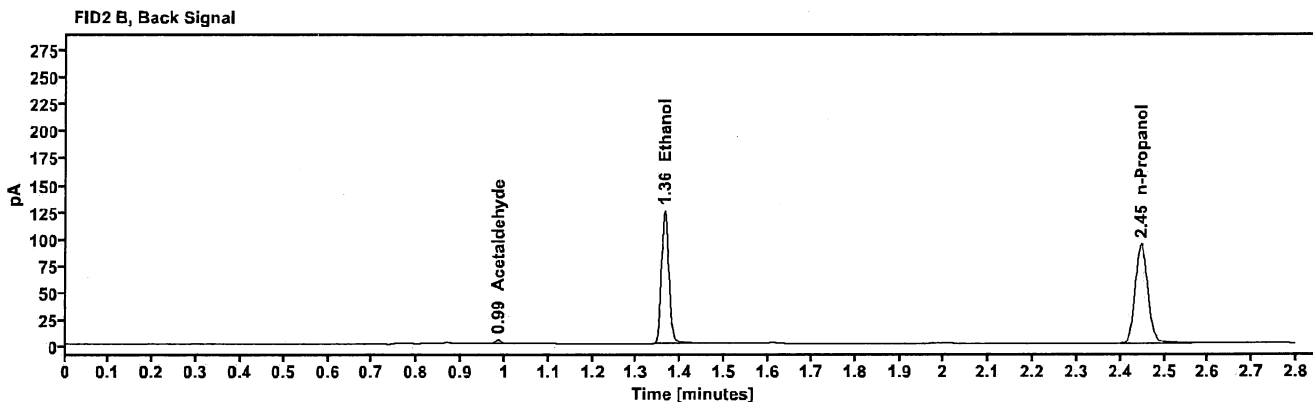
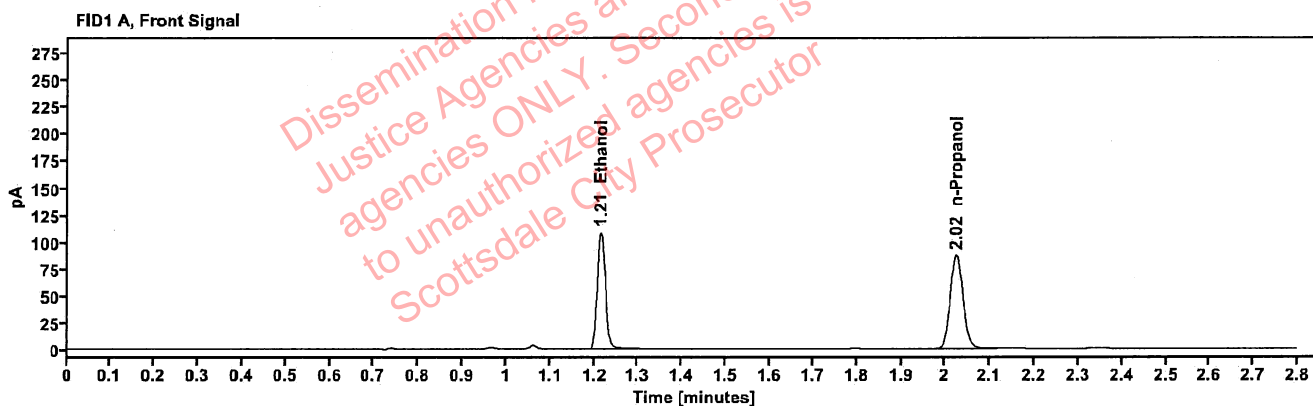


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2196	1.215	137.444
n-Propanol	—	2.024	172.101

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	4.048
Ethanol	1.363	150.577
n-Propanol	2.447	186.181

: Brooke, Phillip - (30-Aug-2024)

Case: User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415356-4	Vial:	35
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 6:20:29 PM
Data file:	C:\Chem32\1\Data\28Aug24\35.D	Analyst:	Brooke

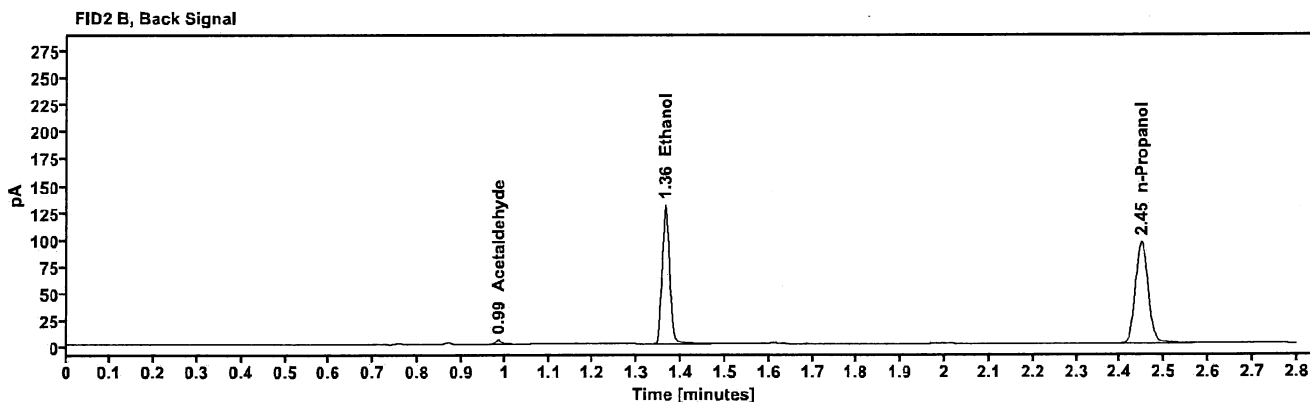
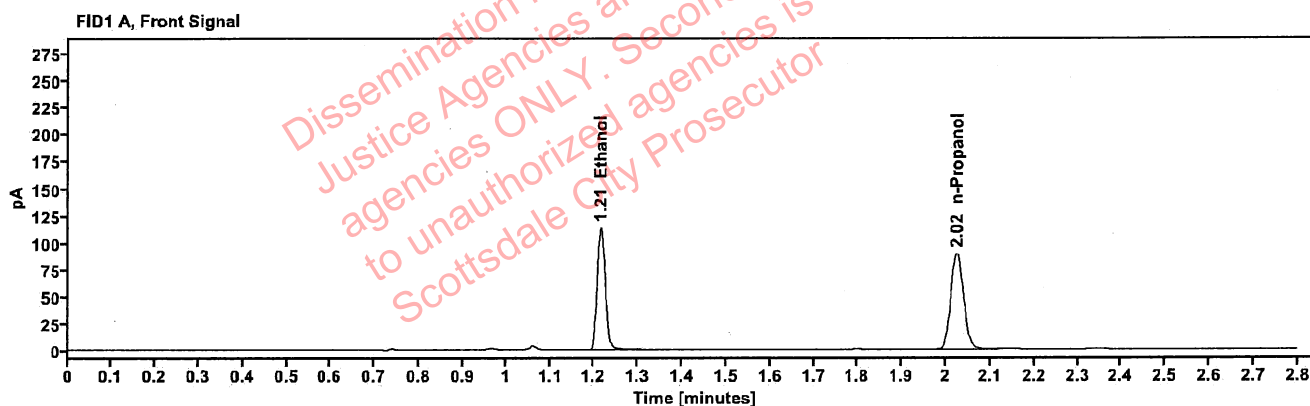


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2239	1.215	144.051
n-Propanol	-----	2.024	176.895

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	4.134
Ethanol	1.364	158.891
n-Propanol	2.448	191.256

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415455-2	Vial:	36
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 6:24:29 PM
Data file:	C:\Chem32\1\Data\28Aug24\36.D	Analyst:	Brooke

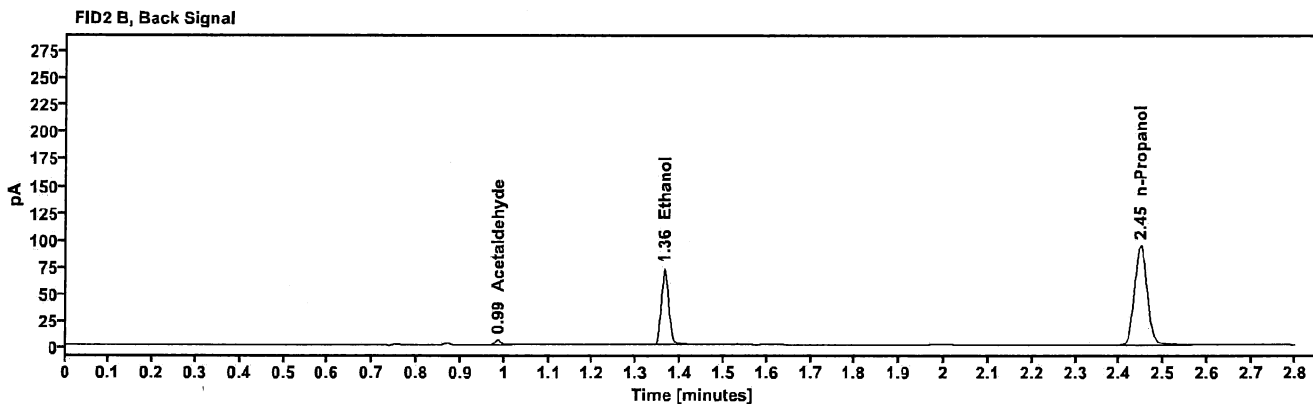
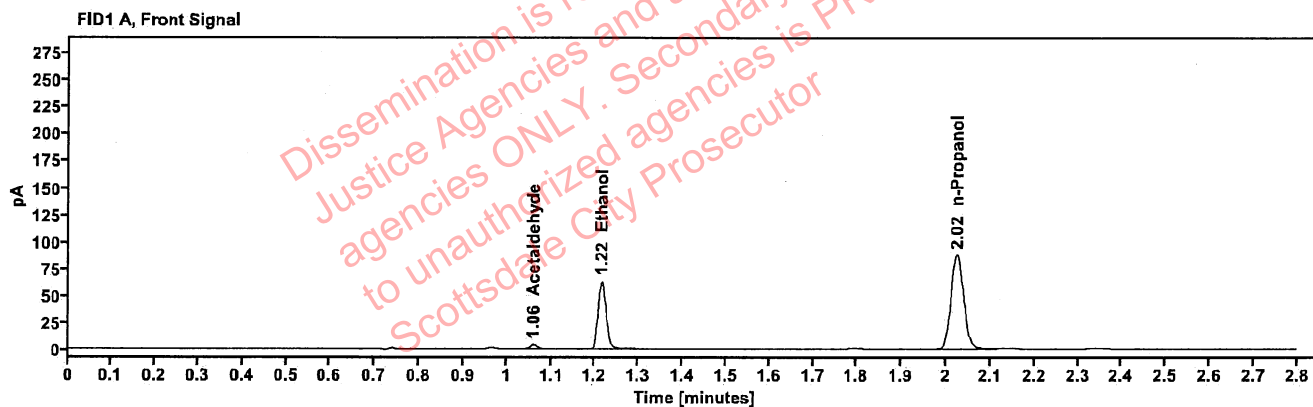


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.060	4.132
>Ethanol	0.1274	1.215	80.149
n-Propanol	—	2.024	173.557

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	4.655
Ethanol	1.364	87.350
n-Propanol	2.447	187.764

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415455-2	Vial:	37
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 6:28:43 PM
Data file:	C:\Chem32\1\Data\28Aug24\37.D	Analyst:	Brooke

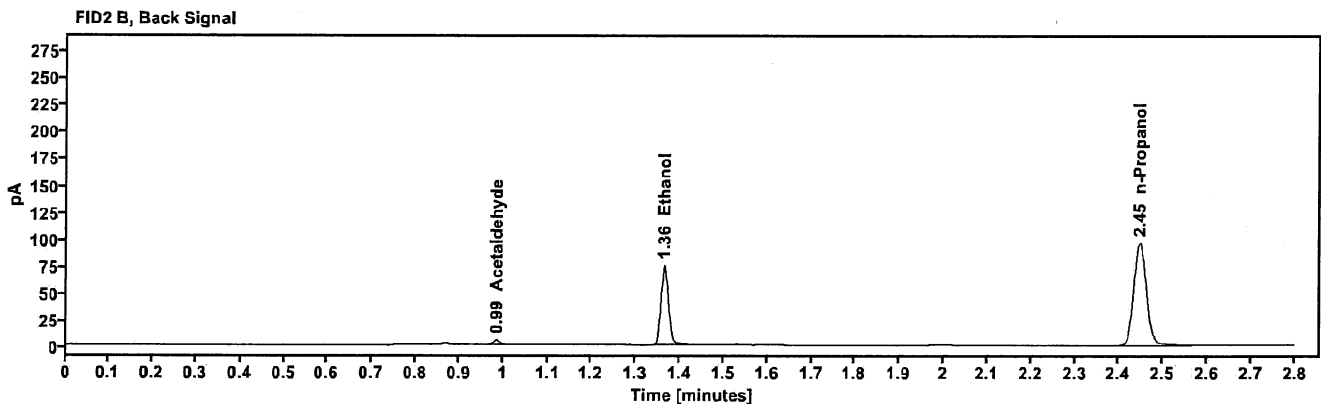
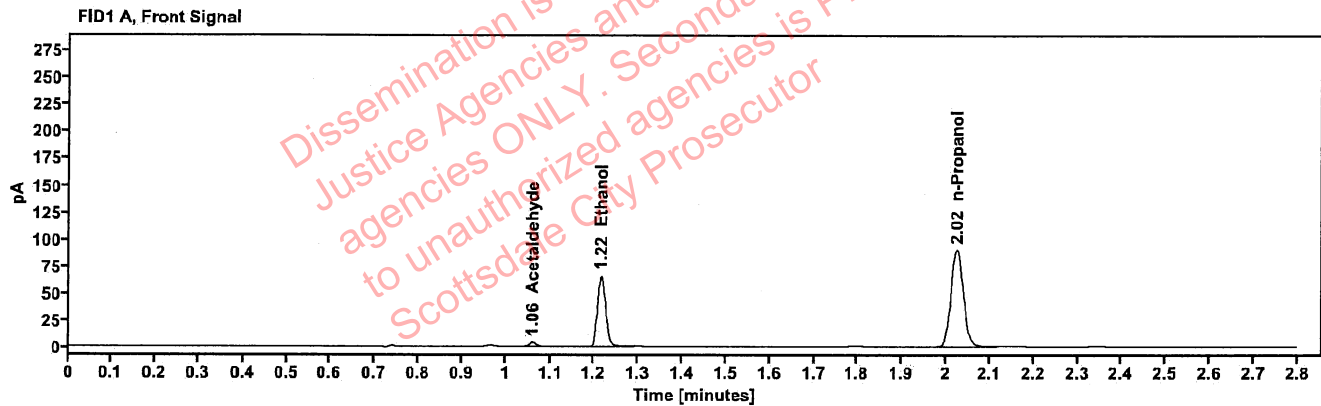


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.060	4.119
>Ethanol	0.1289	1.215	83.566
n-Propanol	—	2.024	178.778

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	4.733
Ethanol	1.364	91.091
n-Propanol	2.447	193.605

[REDACTED]: Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415509-2	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 6:32:43 PM
Data file:	C:\Chem32\1\Data\28Aug24\38.D	Analyst:	Brooke

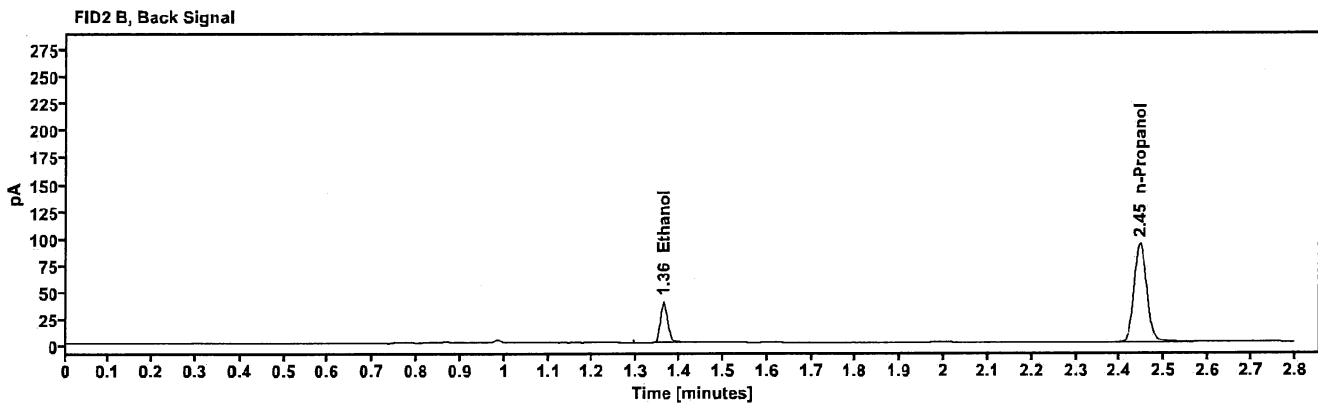
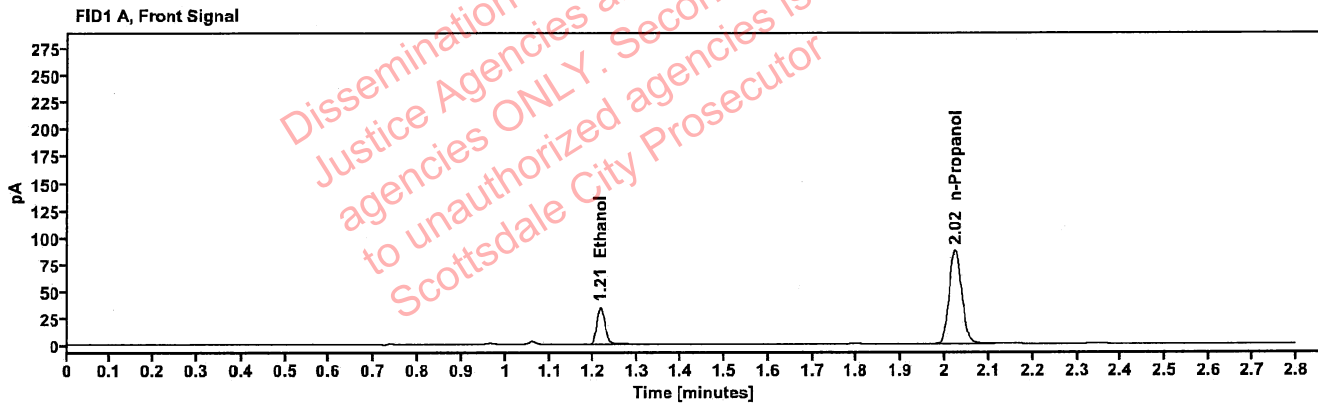


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0701	1.215	43.547
n-Propanol	—	2.023	172.328

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

Compound	Time (min)	Peak Area
Ethanol	1.363	47.390
n-Propanol	2.445	186.577

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415509-2	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 6:36:43 PM
Data file:	C:\Chem32\1\Data\28Aug24\39.D	Analyst:	Brooke

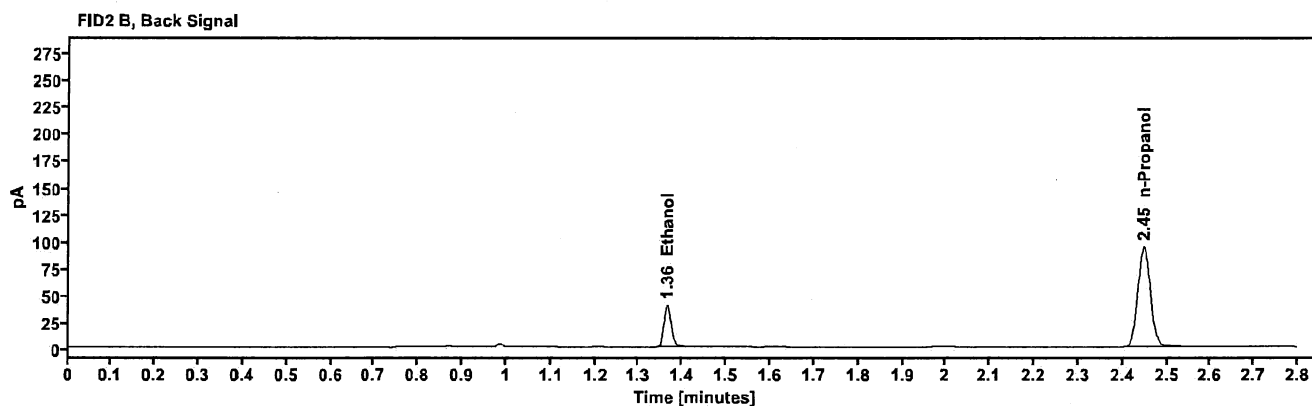
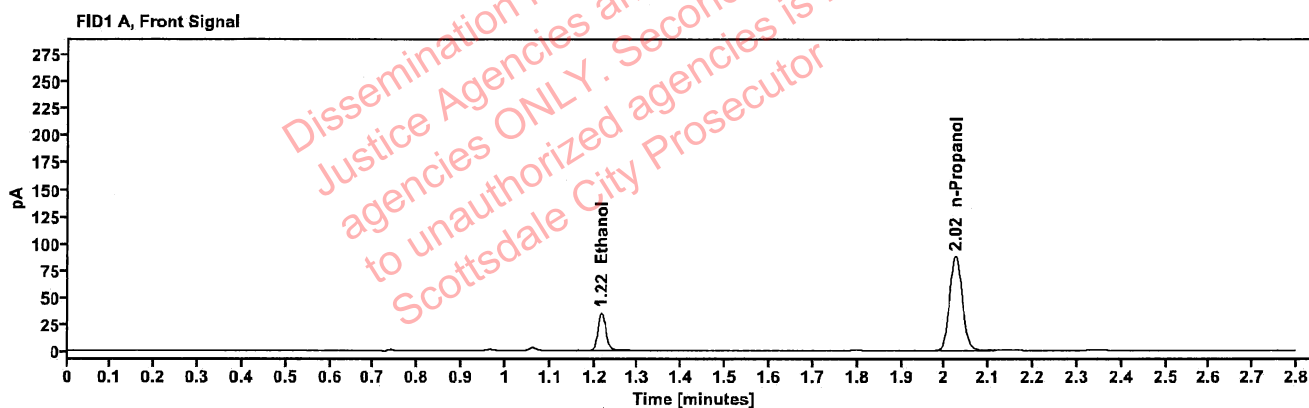


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0707	1.216	44.364
n-Propanol	—	2.024	174.016

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

Compound	Time (min)	Peak Area
Ethanol	1.364	48.303
n-Propanol	2.448	188.448

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415569-1	Vial:	40
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 6:40:43 PM
Data file:	C:\Chem32\1\Data\28Aug24\40.D	Analyst:	Brooke

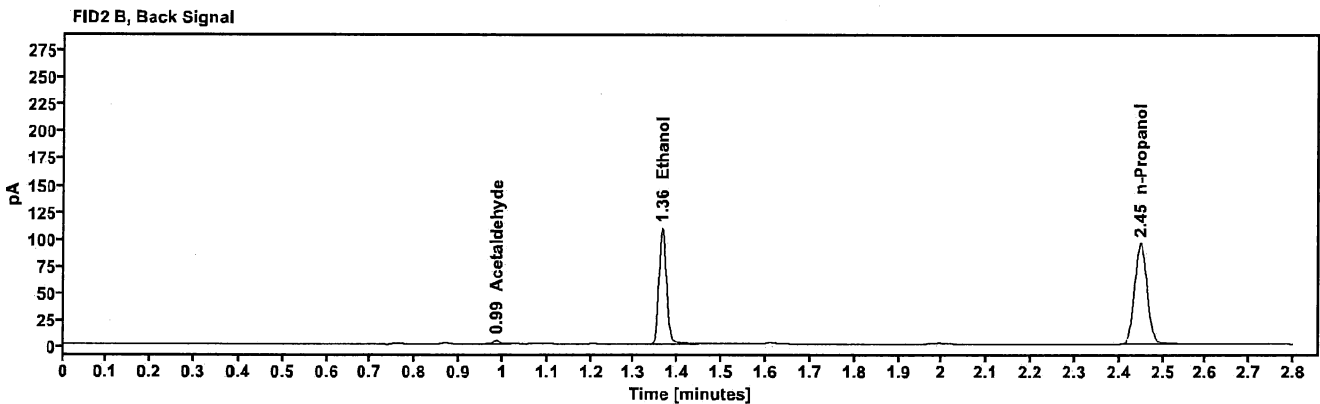
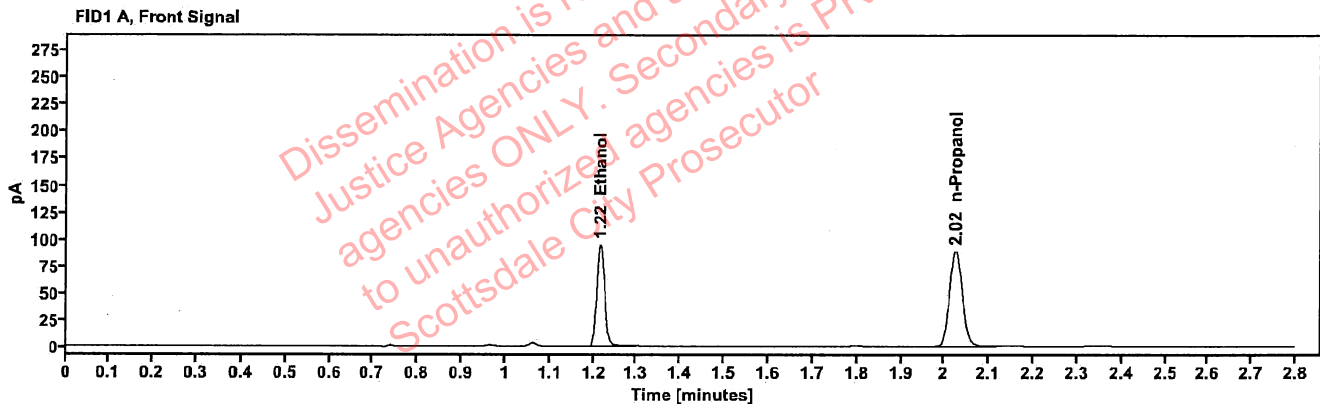


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1874	1.215	120.051
n-Propanol	—	2.025	176.309

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	3.823
Ethanol	1.364	131.536
n-Propanol	2.448	190.598

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415569-1	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 6:44:43 PM
Data file:	C:\Chem32\1\Data\28Aug24\41.D	Analyst:	Brooke

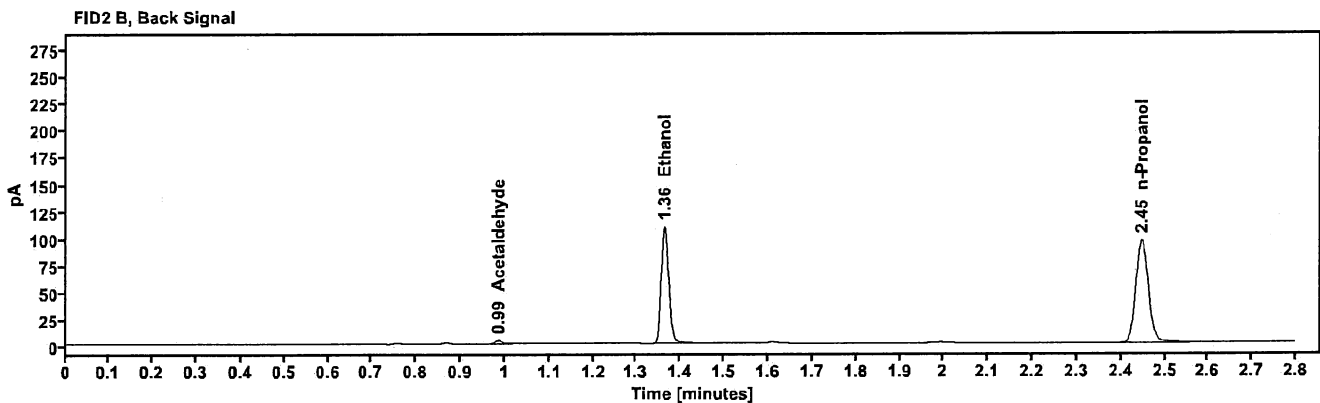
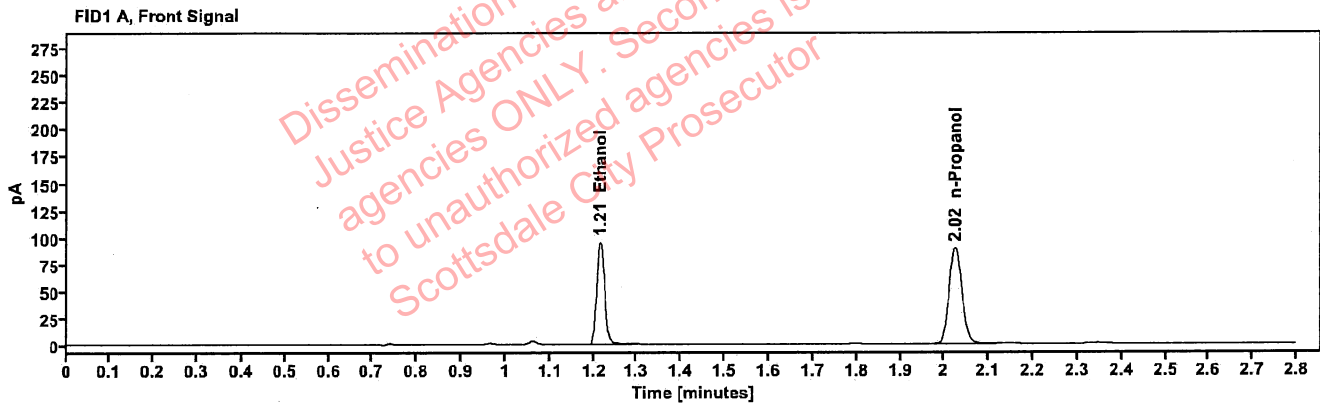


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1871	1.215	121.317
n-Propanol	—	2.024	178.433

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	3.795
Ethanol	1.364	132.875
n-Propanol	2.447	192.762

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2404599-3	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 6:52:58 PM
Data file:	C:\Chem32\1\Data\28Aug24\43.D	Analyst:	Brooke

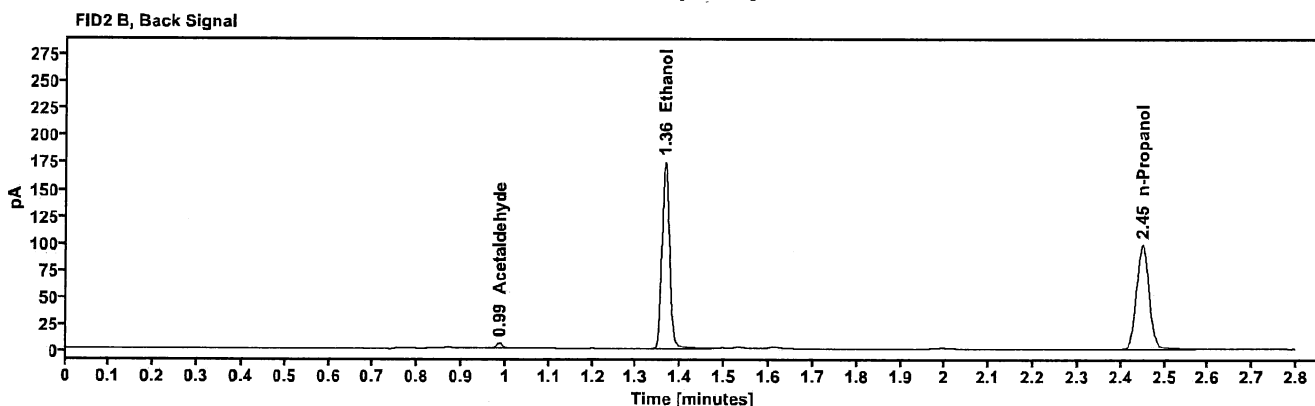
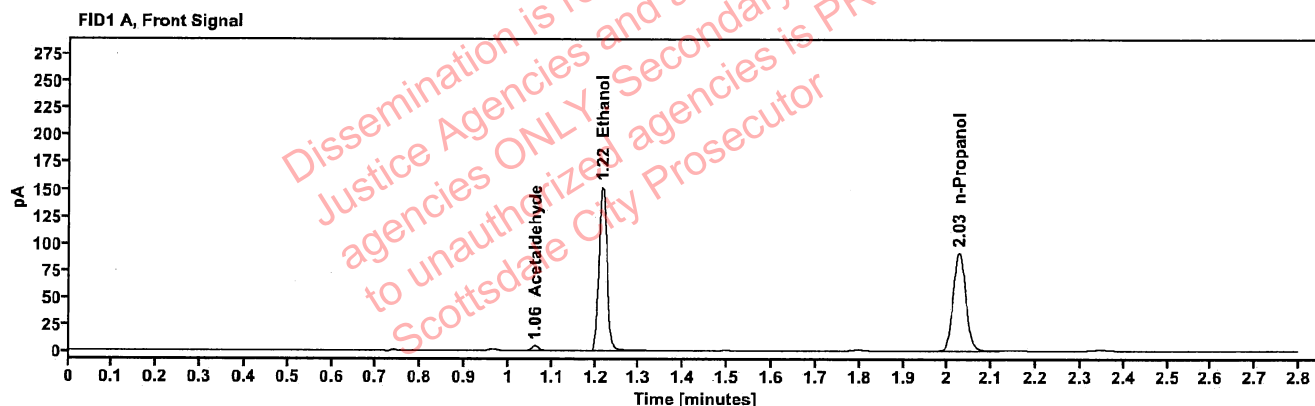


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.061	4.671
>Ethanol	0.2898	1.215	192.613
n-Propanol	-----	2.025	182.610

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	5.312
Ethanol	1.364	212.752
n-Propanol	2.449	196.730

: Brooke, Phillip - (30-Aug-2024)

Case: User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2404599-3	Vial:	44
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 6:56:58 PM
Data file:	C:\Chem32\1\Data\28Aug24\44.D	Analyst:	Brooke

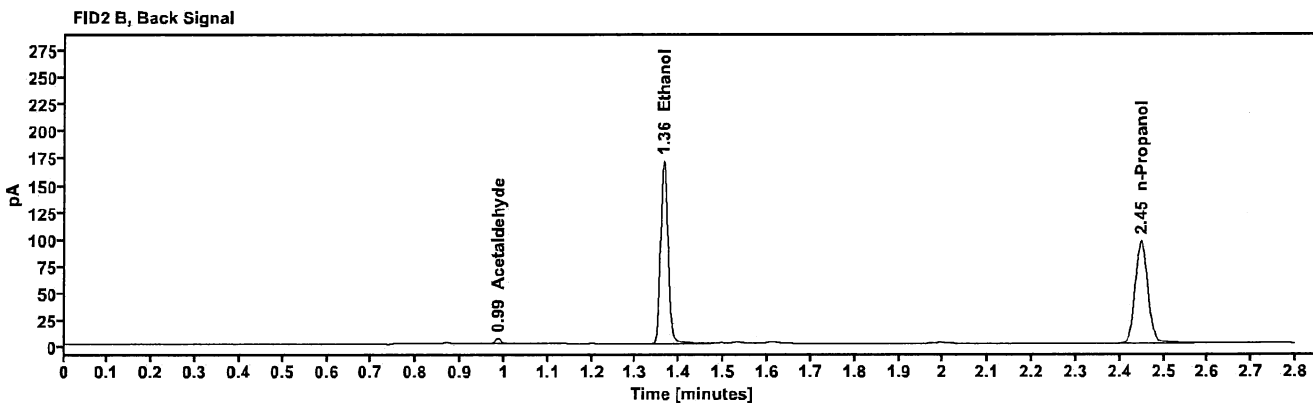
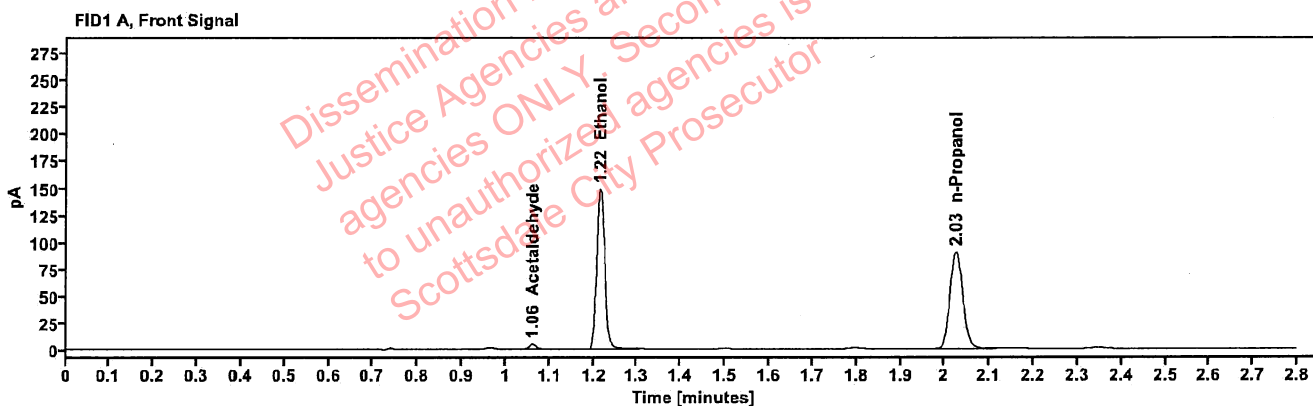


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.060	4.739
>Ethanol	0.2894	1.215	188.452
n-Propanol	—	2.025	178.892

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	5.402
Ethanol	1.364	208.294
n-Propanol	2.449	193.924

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415535-2	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 7:00:58 PM
Data file:	C:\Chem32\1\Data\28Aug24\45.D	Analyst:	Brooke

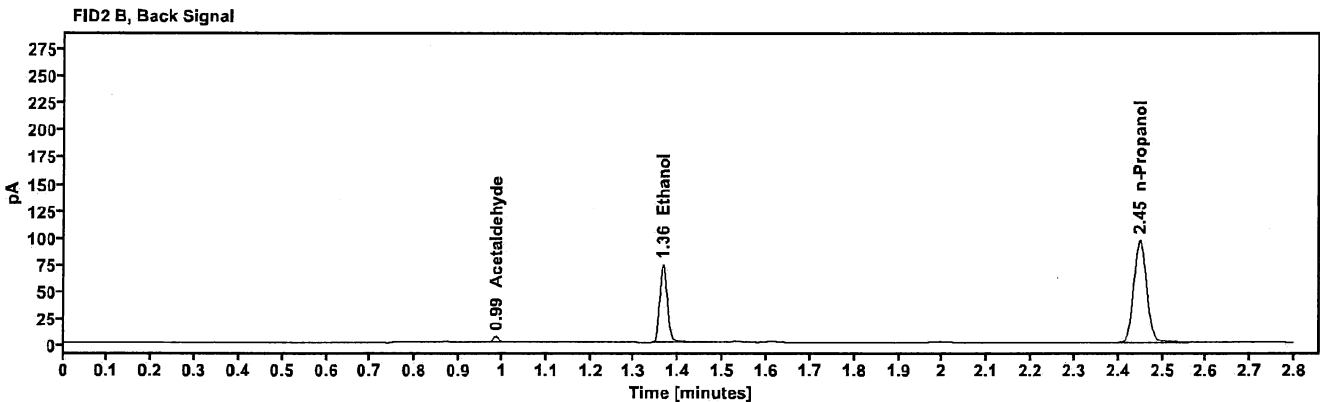
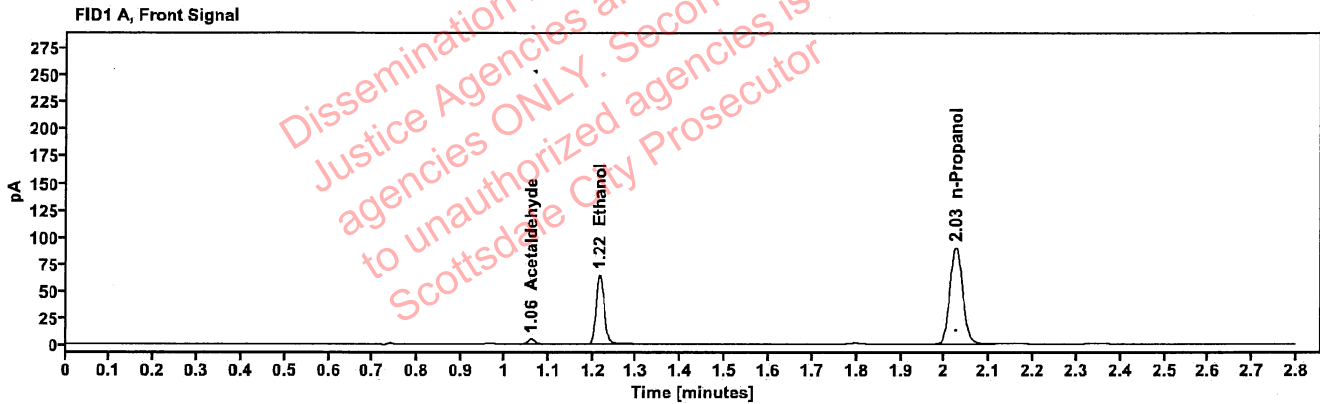


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	---	1.060	5.010
>Ethanol	0.1262	1.216	81.702
n-Propanol	---	2.025	178.574

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	5.700
Ethanol	1.365	89.077
n-Propanol	2.449	193.044

: Brooke, Phillip - (30-Aug-2024)

Case: User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415535-2	Vial:	46
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 7:04:59 PM
Data file:	C:\Chem32\1\Data\28Aug24\46.D	Analyst:	Brooke

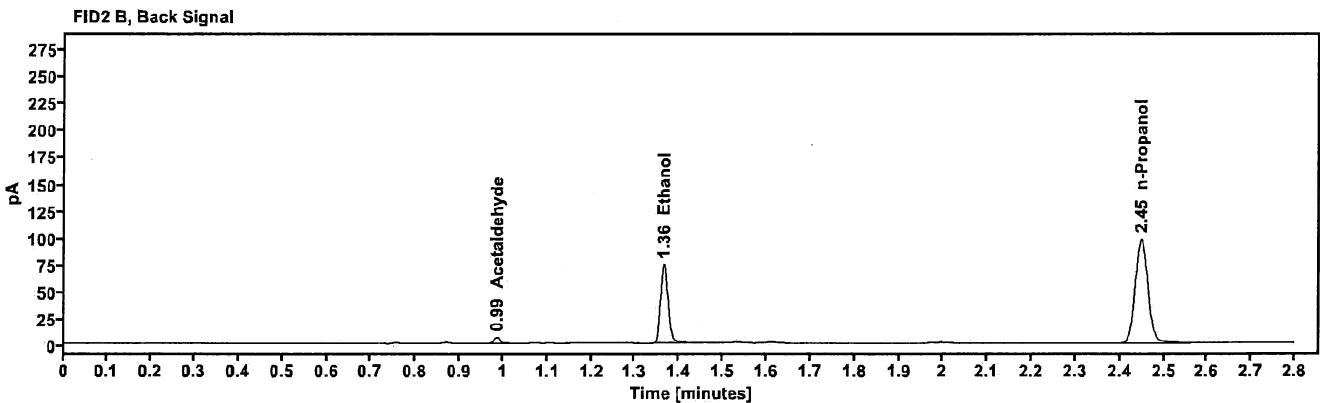
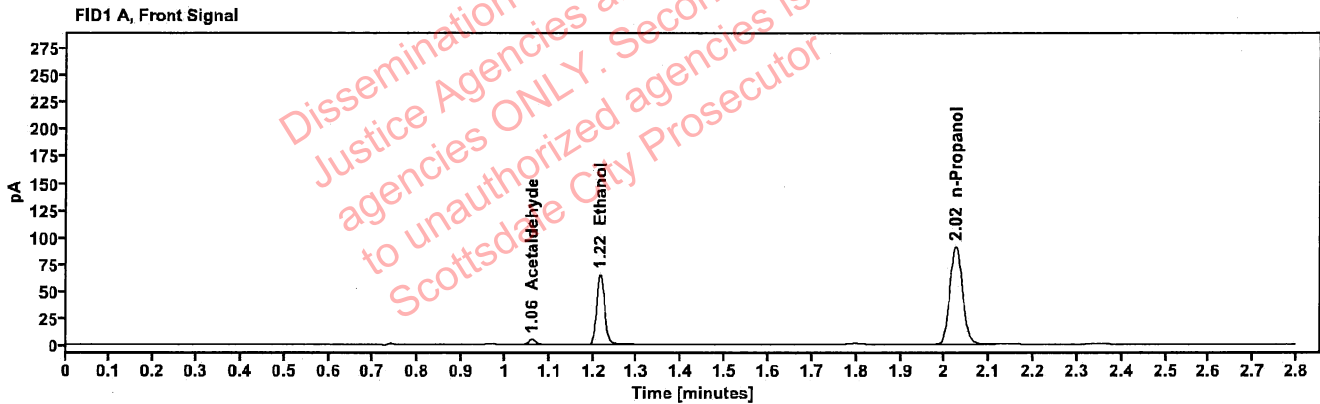


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	---	1.060	5.067
>Ethanol	0.1262	1.216	82.607
n-Propanol	---	2.025	180.489

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	5.687
Ethanol	1.364	89.889
n-Propanol	2.448	195.134

[REDACTED]: Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415709-2	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 7:08:59 PM
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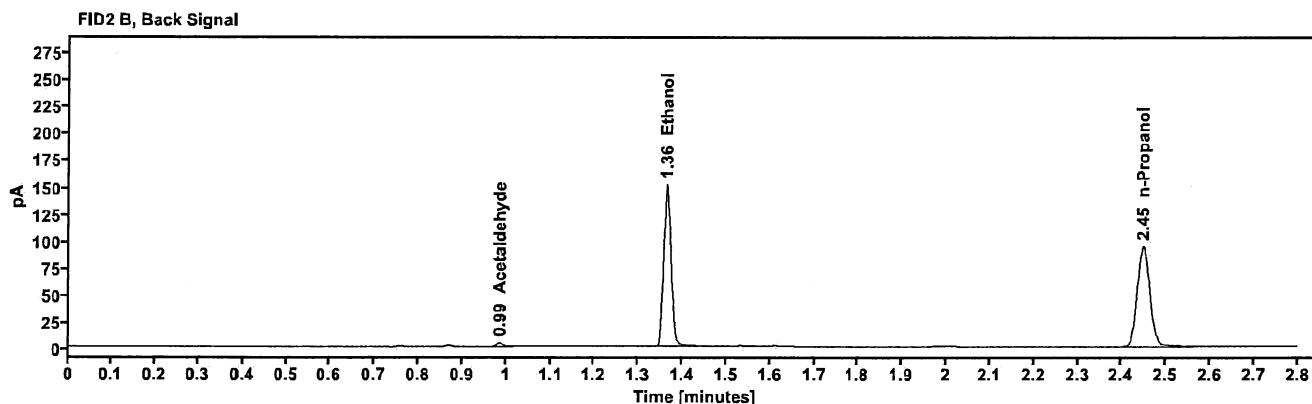
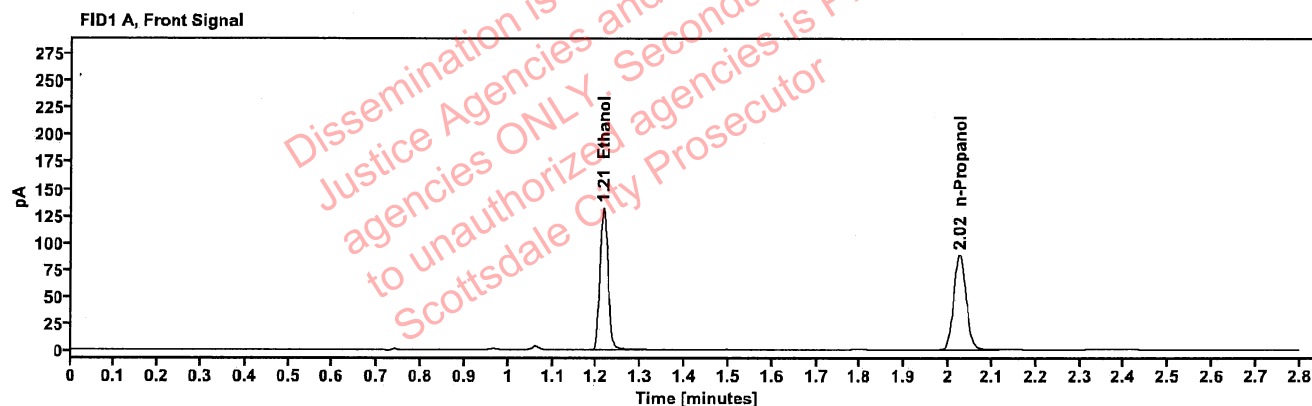


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2628	1.215	167.049
n-Propanol	—	2.025	174.715

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	3.909
Ethanol	1.364	183.674
n-Propanol	2.448	188.819

[REDACTED]: Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415709-2	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 7:12:58 PM
Data file:	C:\Chem32\1\Data\28Aug24\48.D	Analyst:	Brooke

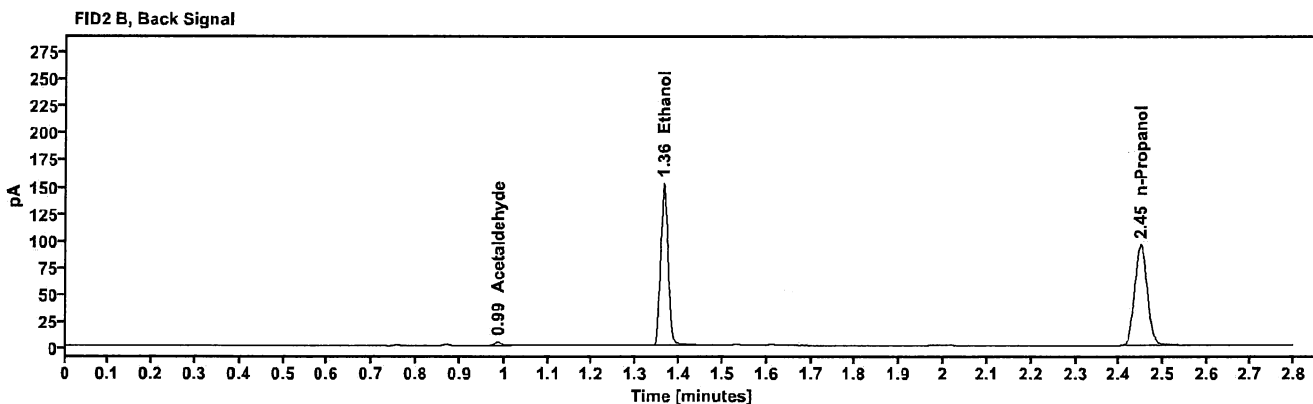
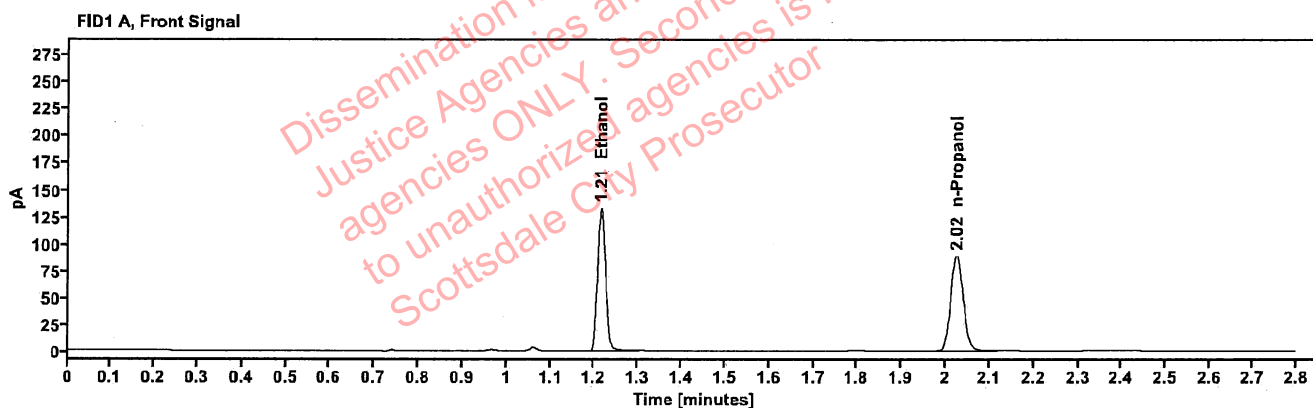


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2627	1.215	168.147
n-Propanol	-----	2.025	175.899

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	3.925
Ethanol	1.364	185.502
n-Propanol	2.448	189.785

: Brooke, Phillip - (30-Aug-2024)

Case: User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2326401-1	Vial:	49
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 7:17:13 PM
Data file:	C:\Chem32\1\Data\28Aug24\49.D	Analyst:	Brooke

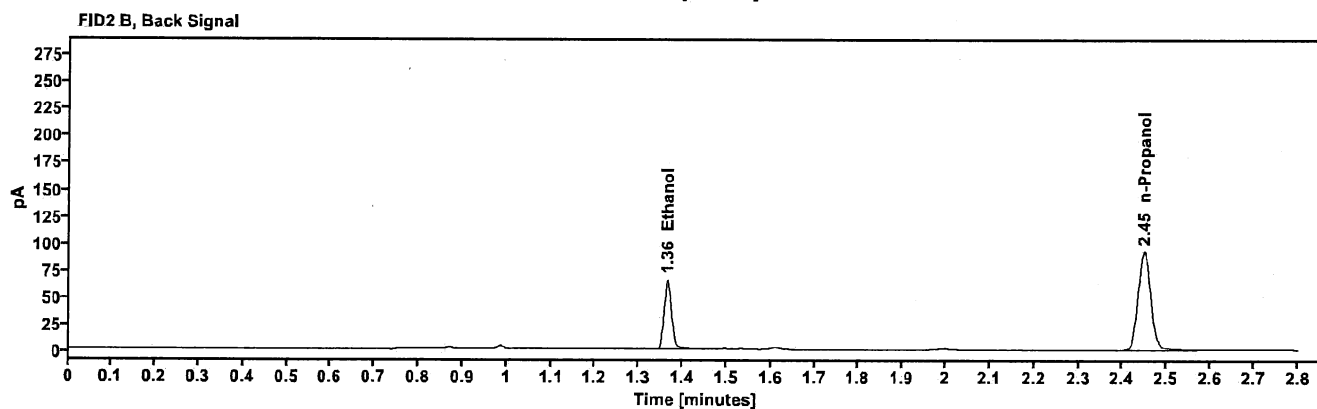
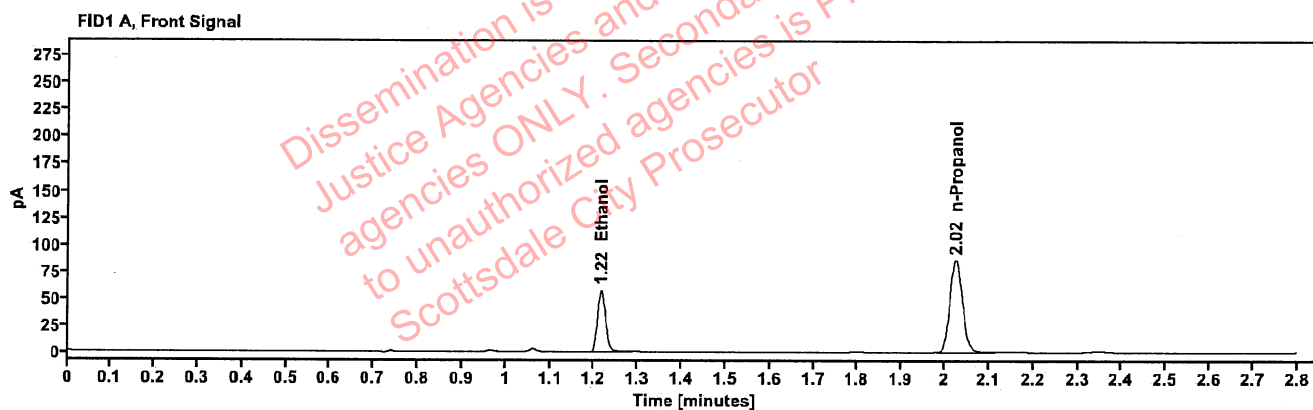


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1164	1.216	72.476
n-Propanol	—	2.025	171.872

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

Compound	Time (min)	Peak Area
Ethanol	1.364	79.480
n-Propanol	2.448	185.003

Brooke, Phillip - (30-Aug-2024)

Case: User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2326401-1	Vial:	50
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 7:21:14 PM
Data file:	C:\Chem32\1\Data\28Aug24\50.D	Analyst:	Brooke

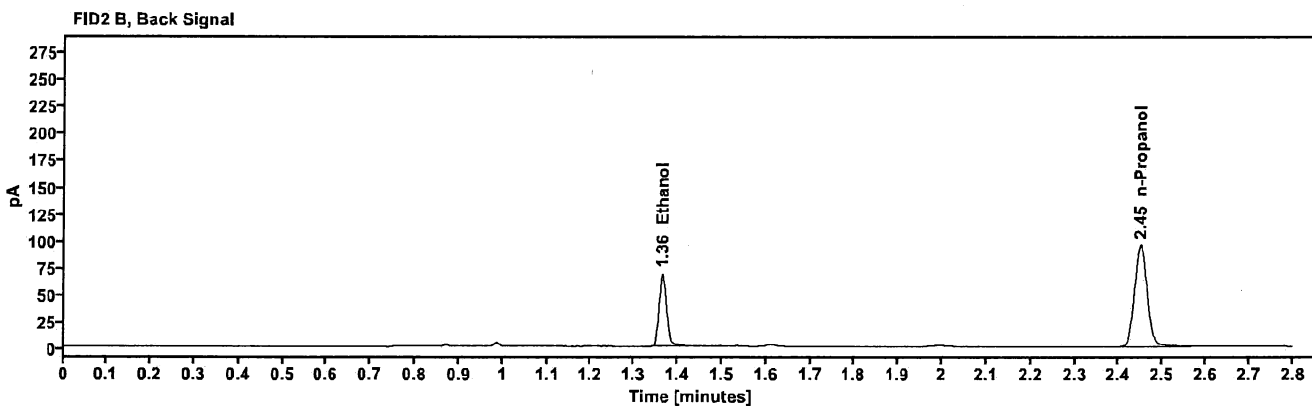
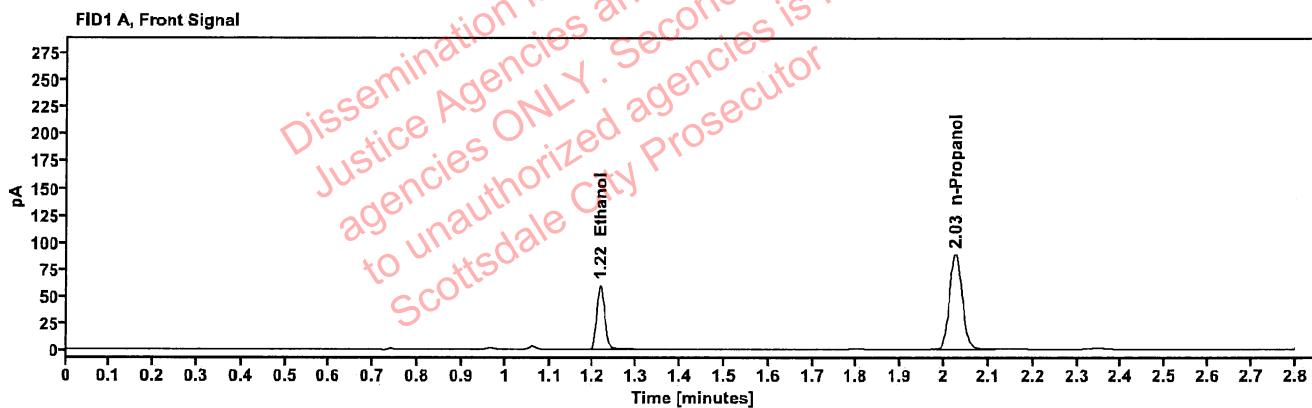


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1182	1.216	76.024
n-Propanol	-----	2.025	177.417

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

Compound	Time (min)	Peak Area
Ethanol	1.365	83.183
n-Propanol	2.449	190.955

: Brooke, Phillip - (30-Aug-2024)

Case: User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415287-1	Vial:	51
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 7:25:14 PM
Data file:	C:\Chem32\1\Data\28Aug24\51.D	Analyst:	Brooke

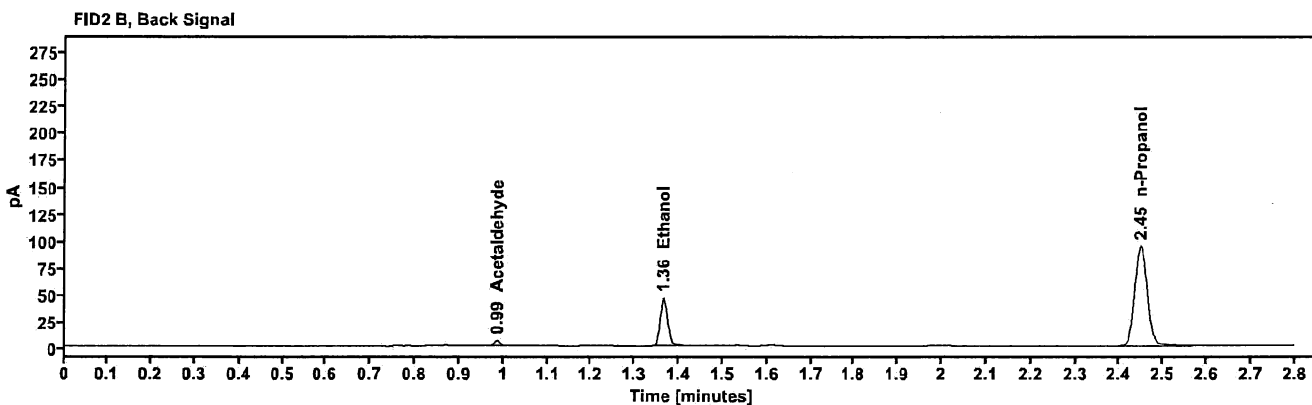
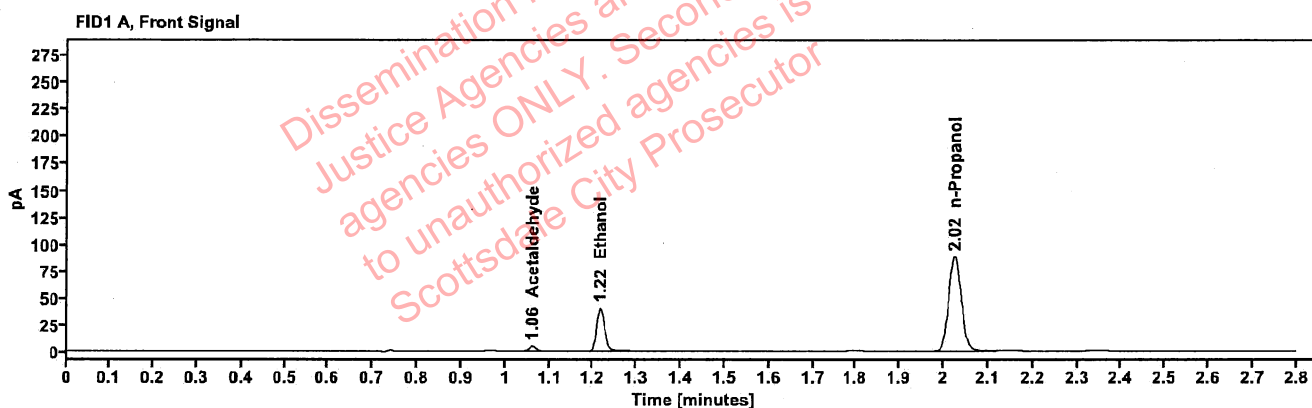


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.060	4.762
>Ethanol	0.0808	1.216	50.937
n-Propanol	—	2.025	174.407

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	5.404
Ethanol	1.365	55.468
n-Propanol	2.448	188.893

Brooke, Phillip - (30-Aug-2024)

Case: User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415287-1	Vial:	52
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 7:29:13 PM
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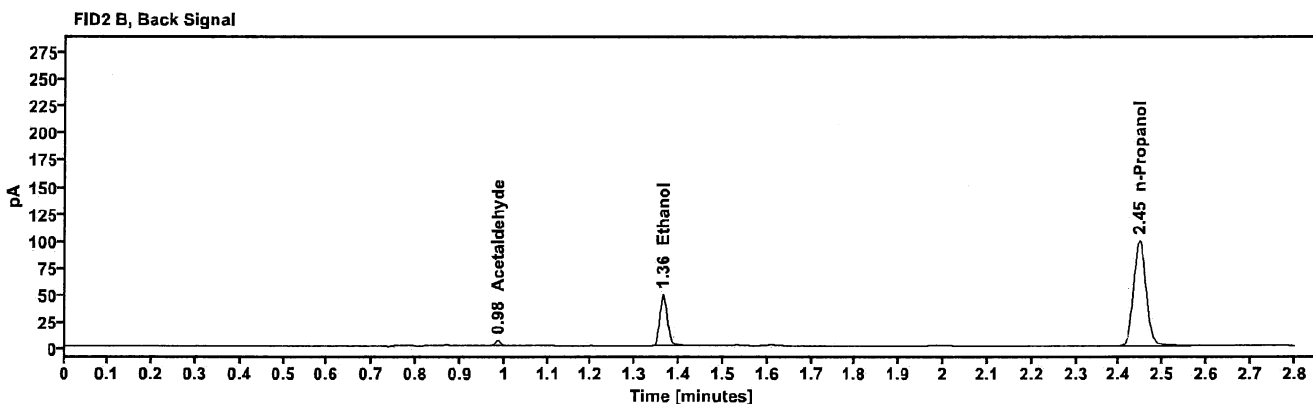
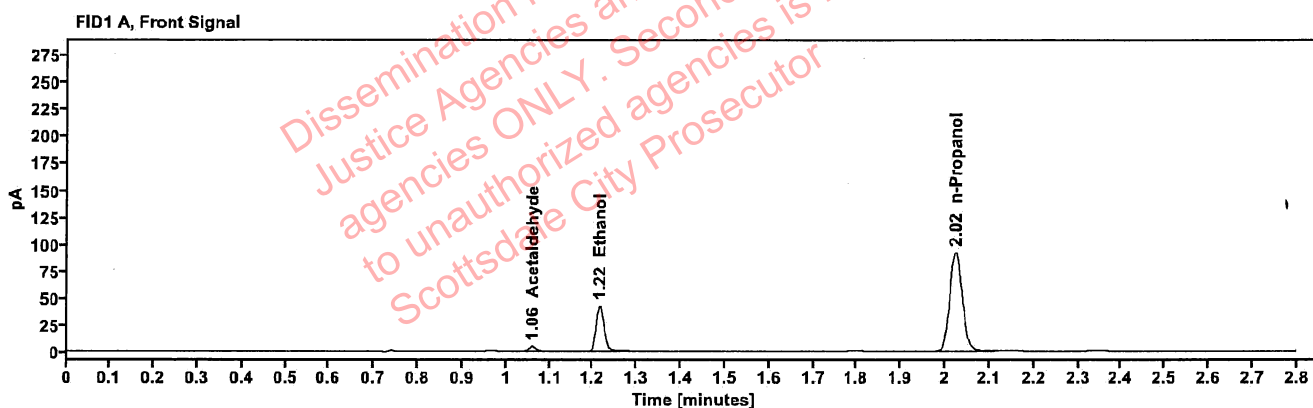


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.060	4.839
>Ethanol	0.0819	1.215	54.083
n-Propanol	—	2.023	182.702

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	5.471
Ethanol	1.364	58.774
n-Propanol	2.446	197.788

: Brooke, Phillip - (30-Aug-2024)

Case: User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415511-2	Vial:	54
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 7:37:14 PM
Data file:	C:\Chem32\1\Data\28Aug24\54.D	Analyst:	Brooke

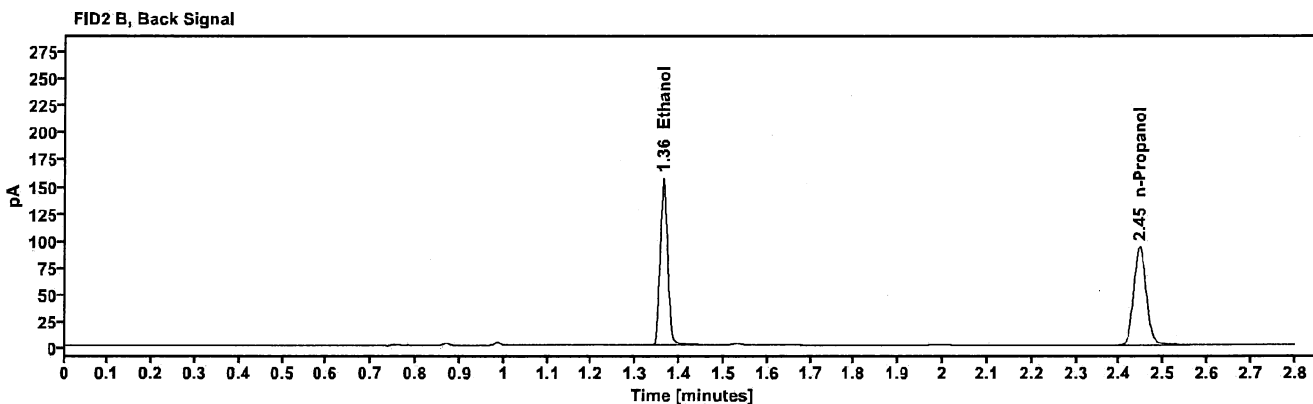
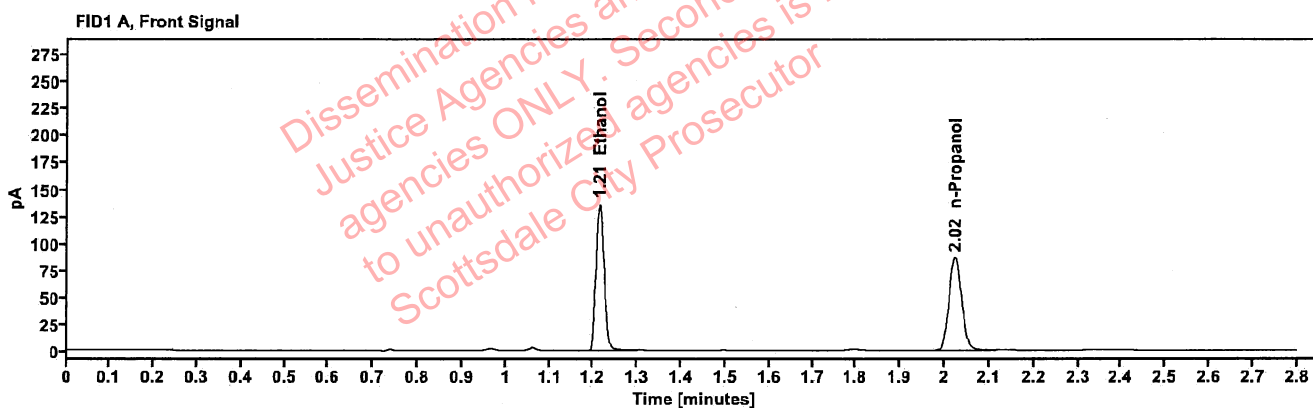


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2762	1.214	172.627
n-Propanol	-----	2.023	171.765

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

Compound	Time (min)	Peak Area
Ethanol	1.363	190.665
n-Propanol	2.446	185.359

: Brooke, Phillip - (30-Aug-2024)

Case: User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415511-2	Vial:	55
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 7:41:28 PM
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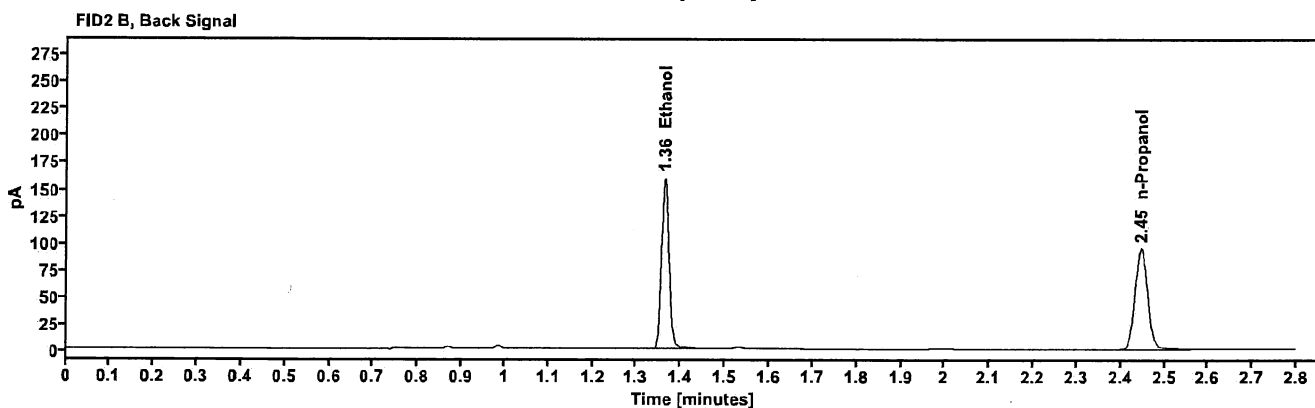
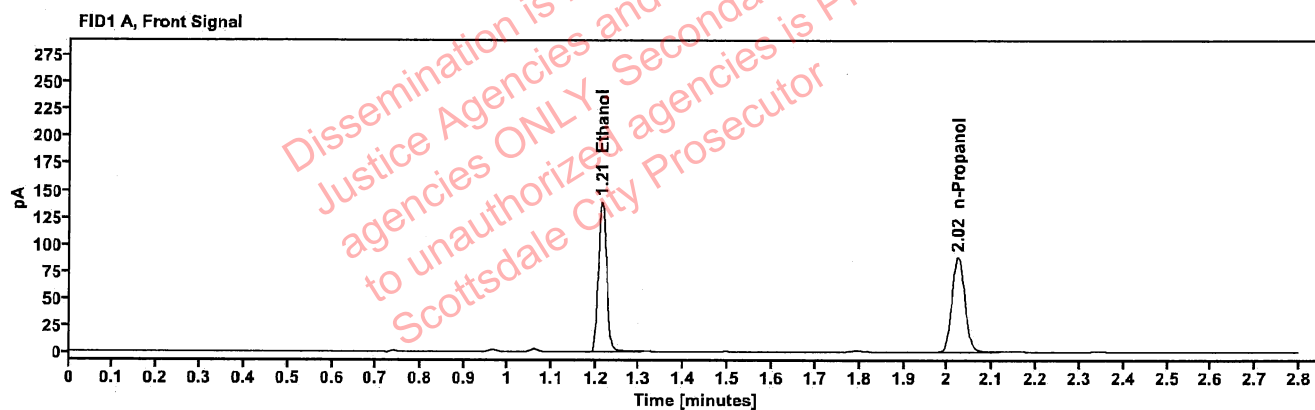


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2773	1.214	176.511
n-Propanol	—	2.023	174.911

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

Compound	Time (min)	Peak Area
Ethanol	1.363	194.652
n-Propanol	2.446	188.716

Case: [REDACTED]: Brooke, Phillip - (30-Aug-2024)
User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415289-2	Vial:	56
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 7:45:28 PM
Data file:	C:\Chem32\1\Data\28Aug24\56.D	Analyst:	Brooke

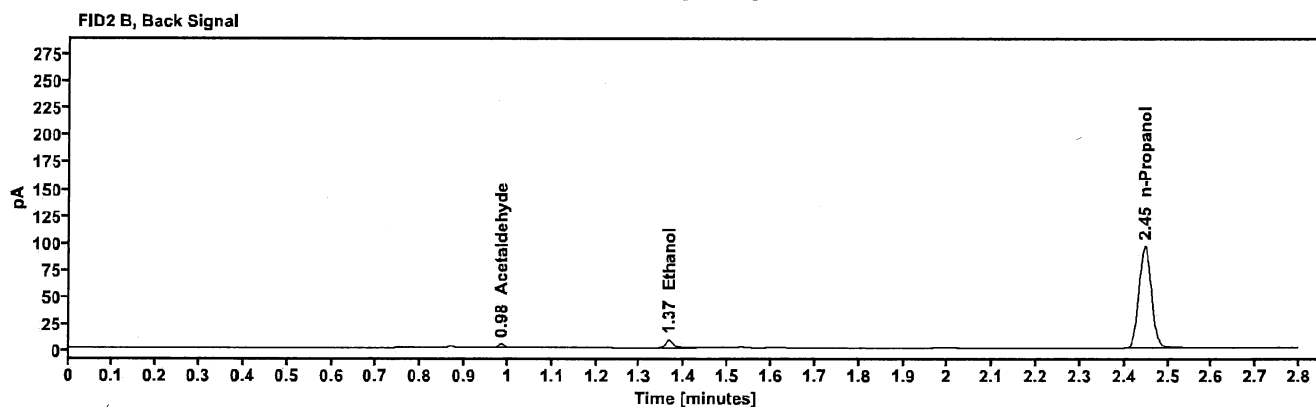
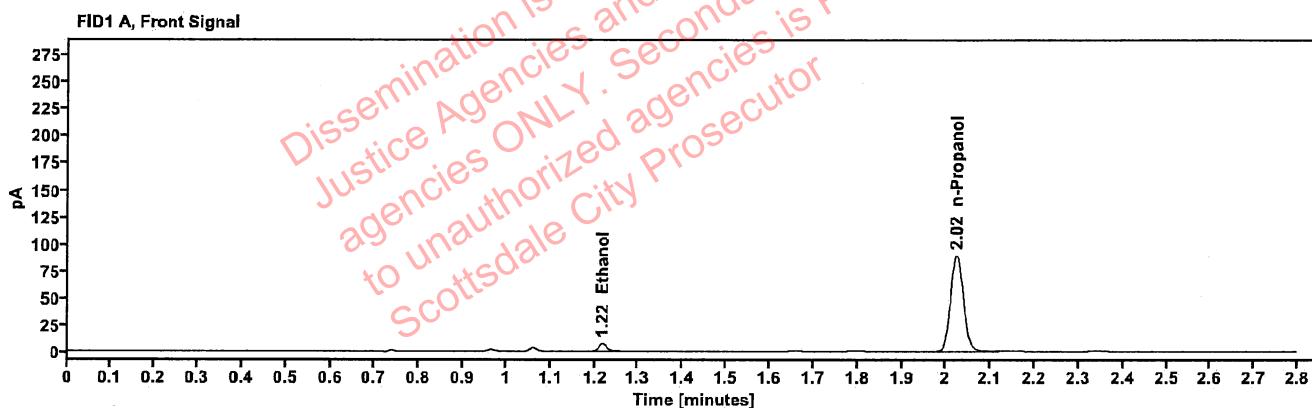


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0152	1.217	9.301
n-Propanol	-----	2.023	177.416

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	4.135
Ethanol	1.365	10.390
n-Propanol	2.446	191.961

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415289-2	Vial:	57
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 7:49:29 PM
Data file:	C:\Chem32\1\Data\28Aug24\57.D	Analyst:	Brooke

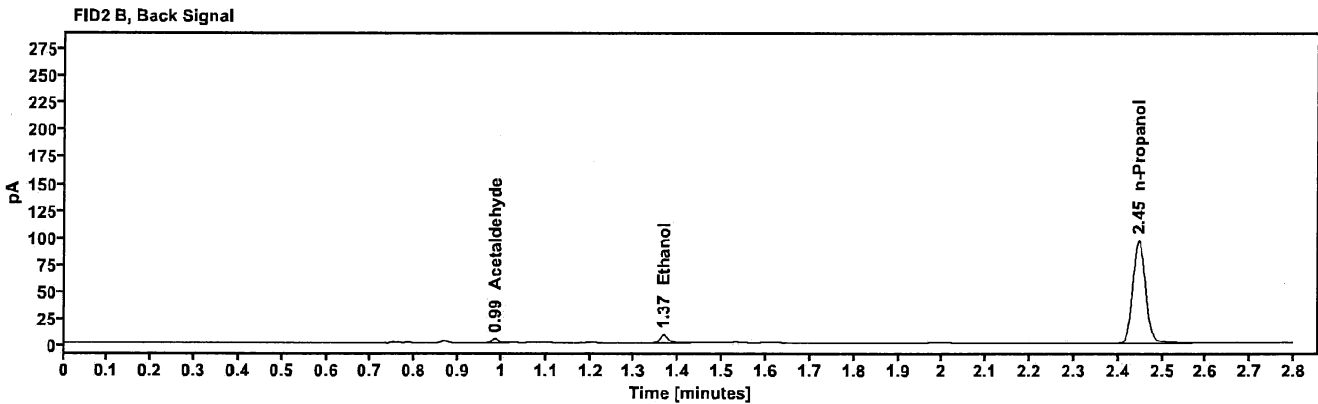
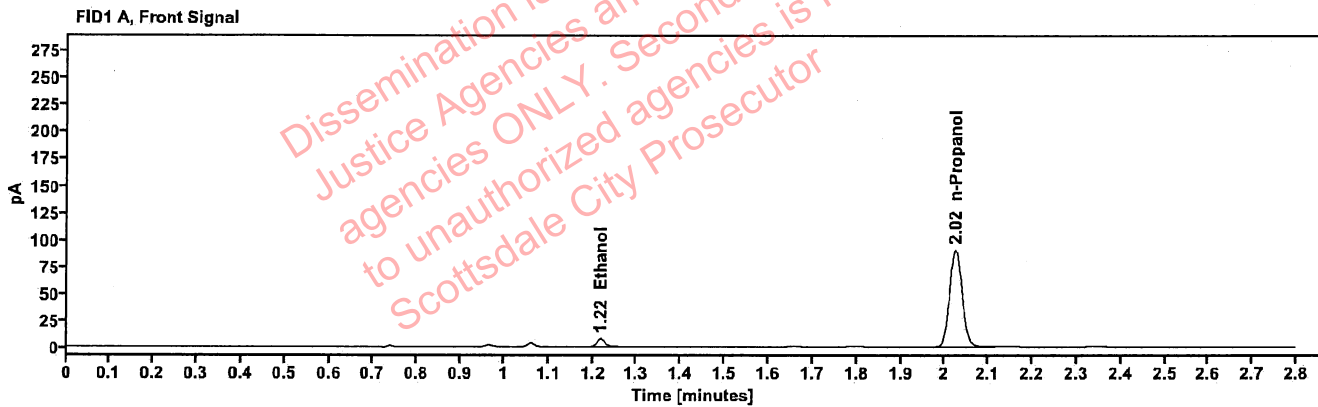


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0151	1.218	9.351
n-Propanol	-----	2.024	179.307

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	4.217
Ethanol	1.366	10.429
n-Propanol	2.447	194.130

[REDACTED]: Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415793-2	Vial:	58
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 7:53:28 PM
Data file:	C:\Chem32\1\Data\28Aug24\58.D	Analyst:	Brooke

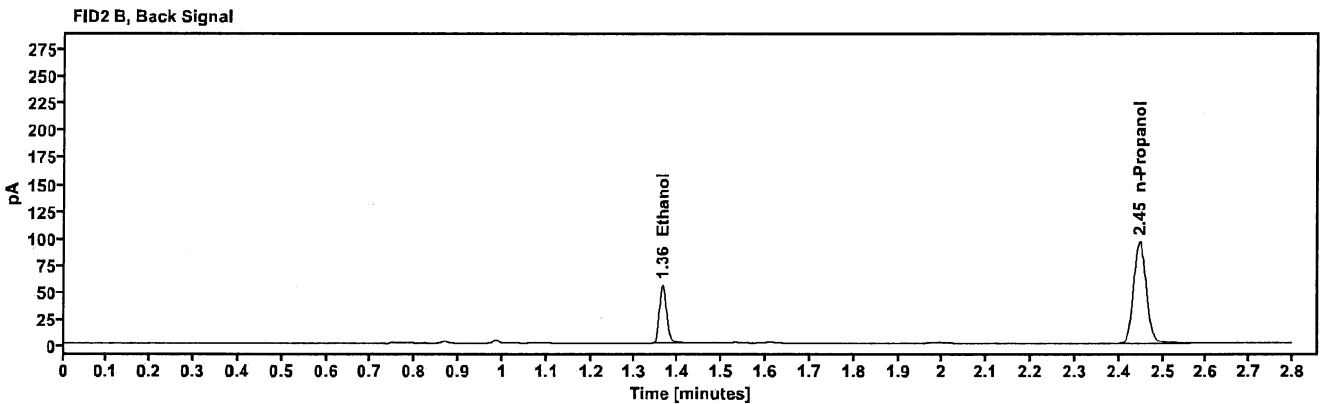
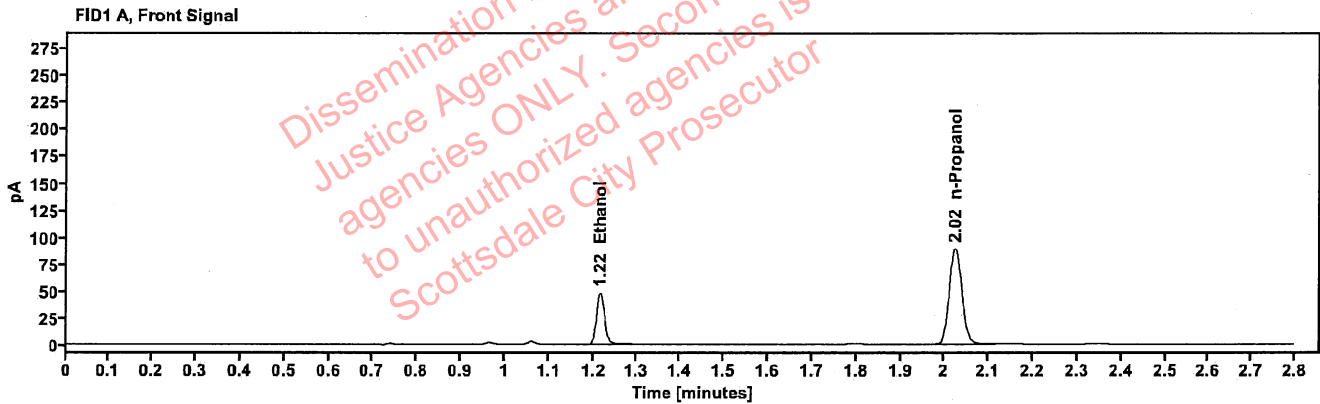


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0951	1.215	61.085
n-Propanol	-----	2.024	177.449

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

Compound	Time (min)	Peak Area
Ethanol	1.364	66.456
n-Propanol	2.447	191.958

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415793-2	Vial:	59
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 7:57:29 PM
Data file:	C:\Chem32\1\Data\28Aug24\59.D	Analyst:	Brooke

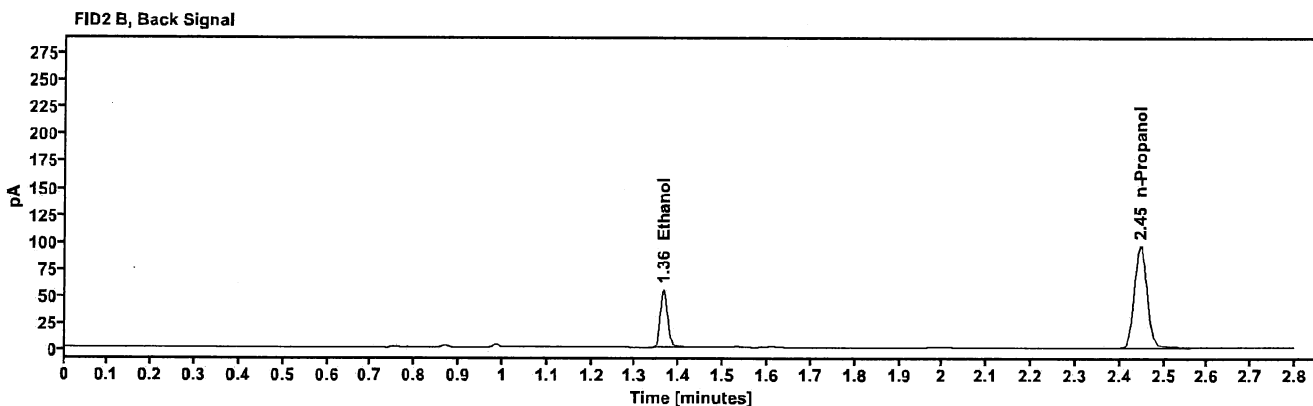
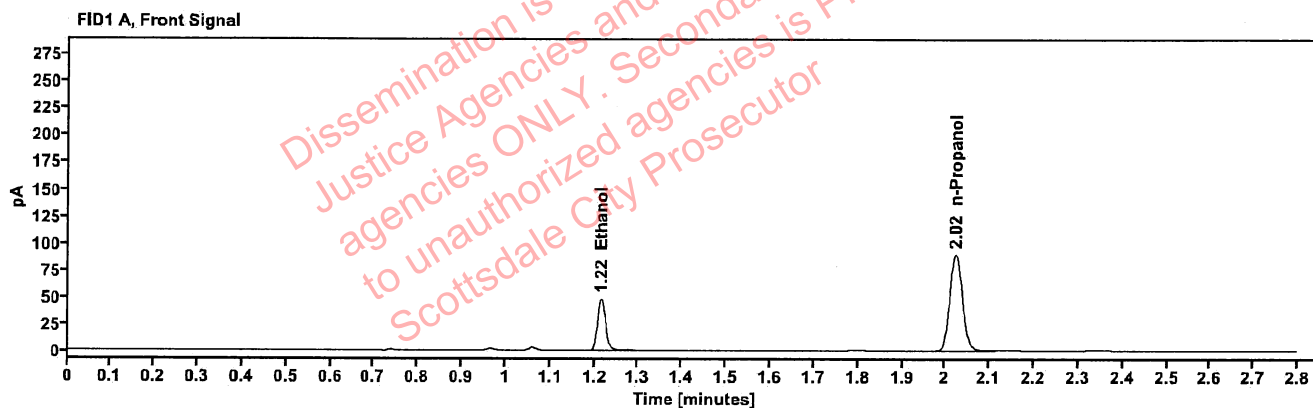


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0945	1.215	60.856
n-Propanol	-----	2.024	177.909

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

Compound	Time (min)	Peak Area
Ethanol	1.363	66.204
n-Propanol	2.447	192.529

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415847-1	Vial:	60
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 8:01:28 PM
Data file:	C:\Chem32\1\Data\28Aug24\60.D	Analyst:	Brooke

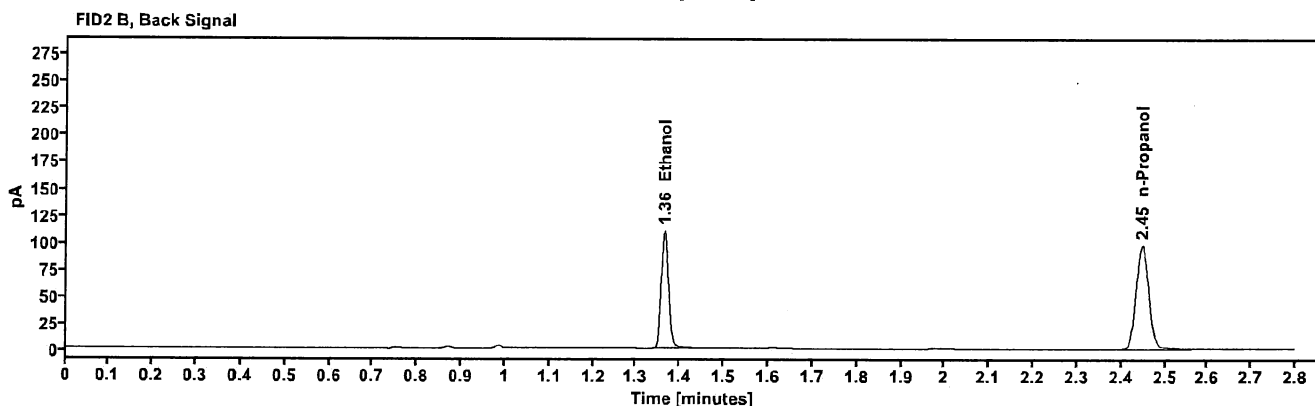
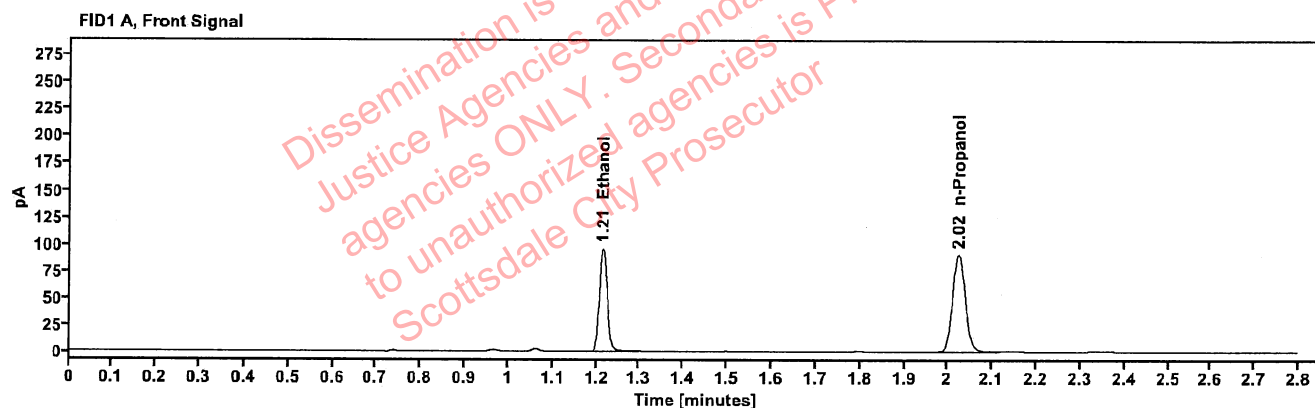


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1857	1.215	121.795
n-Propanol	-----	2.024	180.526

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

Compound	Time (min)	Peak Area
Ethanol	1.363	133.376
n-Propanol	2.447	195.253

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415847-1	Vial:	61
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 8:05:44 PM
Data file:	C:\Chem32\1\Data\28Aug24\61.D	Analyst:	Brooke

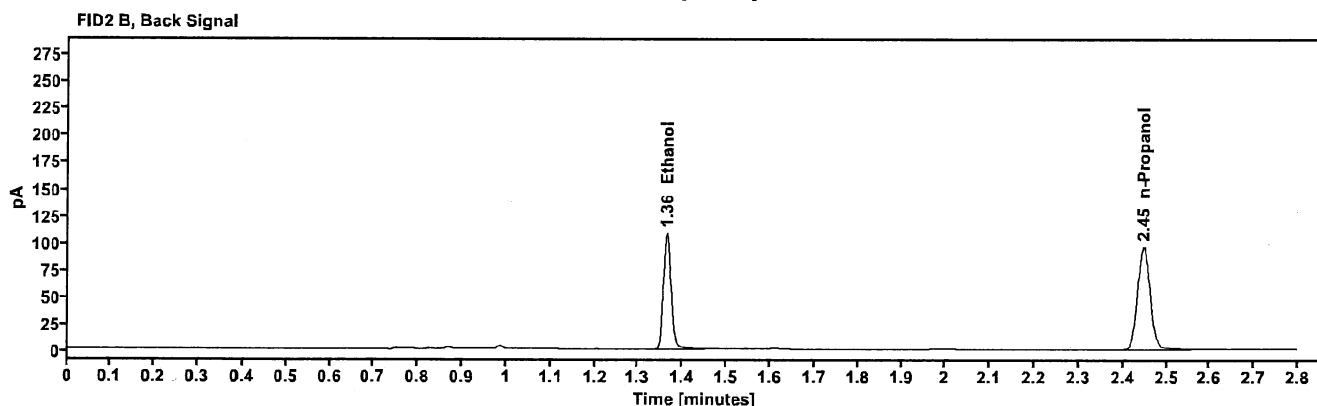
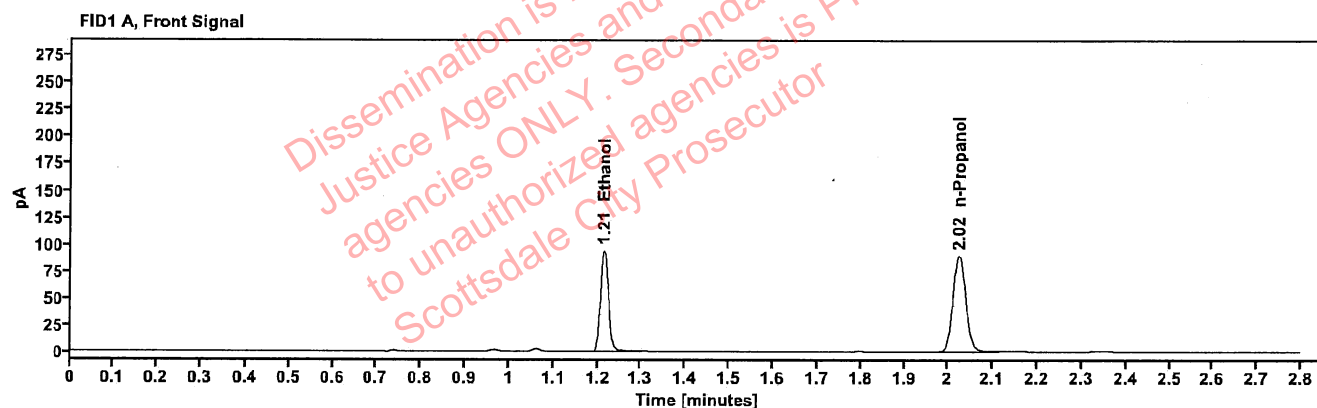


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1853	1.215	119.666
n-Propanol	-----	2.024	177.731

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

Compound	Time (min)	Peak Area
Ethanol	1.363	130.920
n-Propanol	2.447	192.046

[REDACTED]: Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415783-3	Vial:	62
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 8:09:43 PM
Data file:	C:\Chem32\1\Data\28Aug24\62.D	Analyst:	Brooke

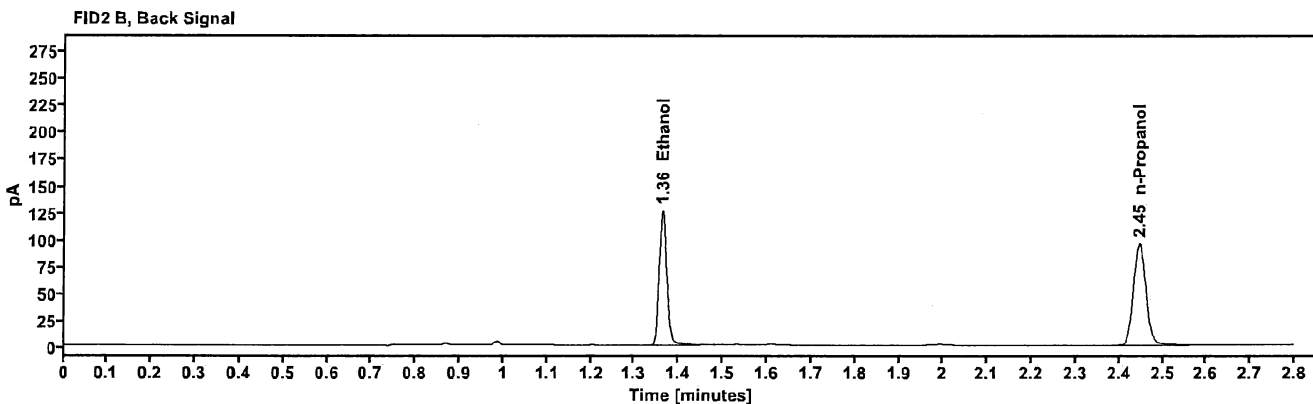
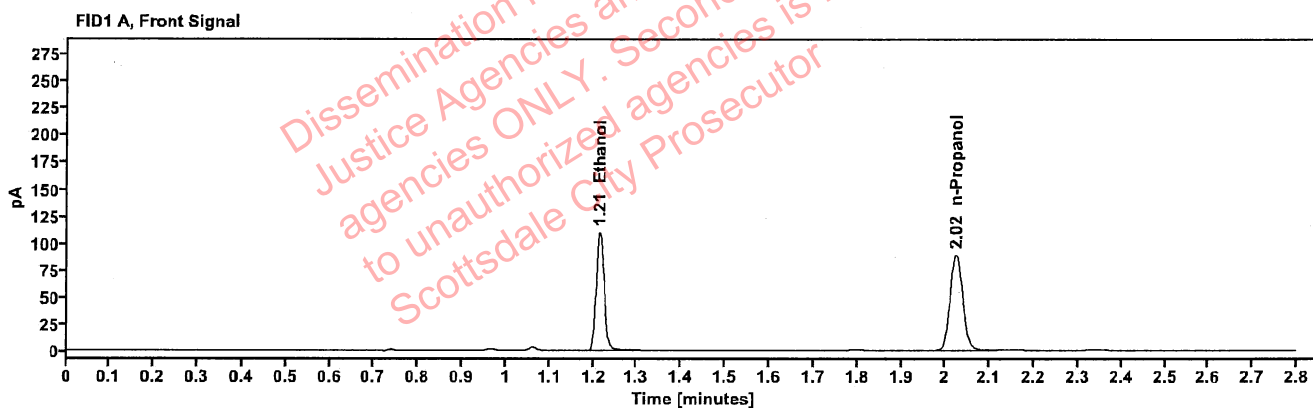


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2160	1.214	139.573
n-Propanol	---	2.023	177.749

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

Compound	Time (min)	Peak Area
Ethanol	1.363	152.898
n-Propanol	2.446	191.050

[REDACTED]: Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415783-3	Vial:	63
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 8:13:44 PM
Data file:	C:\Chem32\1\Data\28Aug24\63.D	Analyst:	Brooke

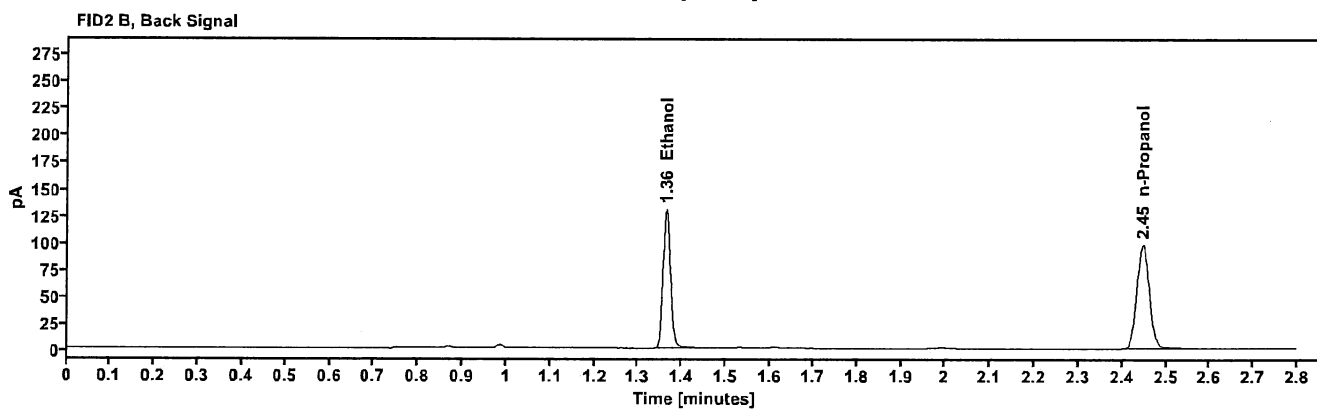
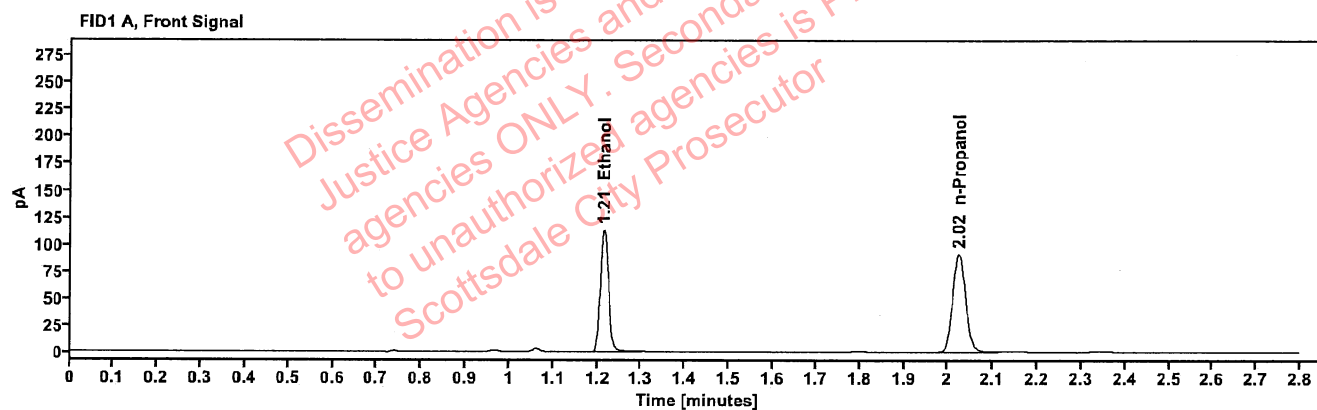


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2187	1.214	143.987
n-Propanol	-----	2.024	181.035

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

Compound	Time (min)	Peak Area
Ethanol	1.363	157.814
n-Propanol	2.447	196.065

[REDACTED]: Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415717-2	Vial:	65
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 8:21:44 PM
Data file:	C:\Chem32\1\Data\28Aug24\65.D	Analyst:	Brooke

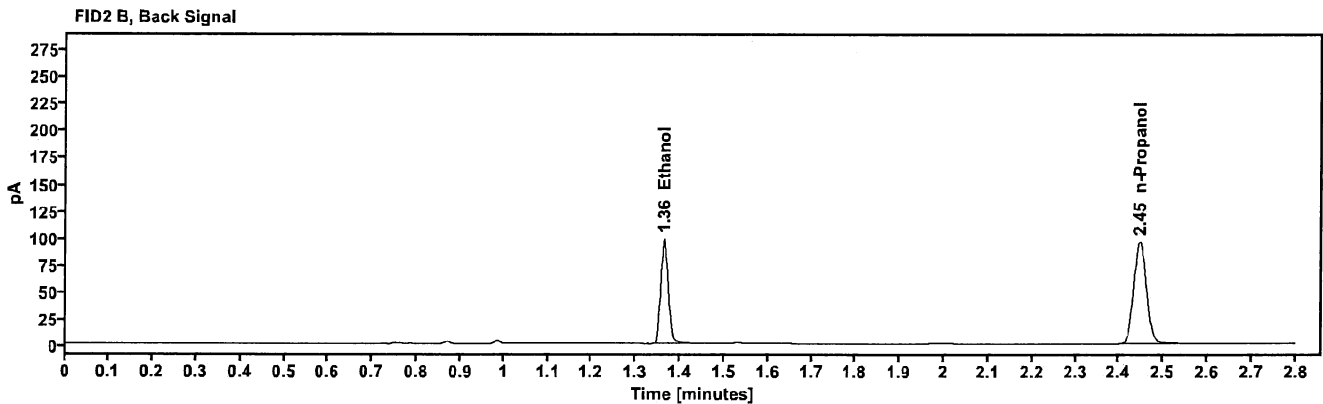
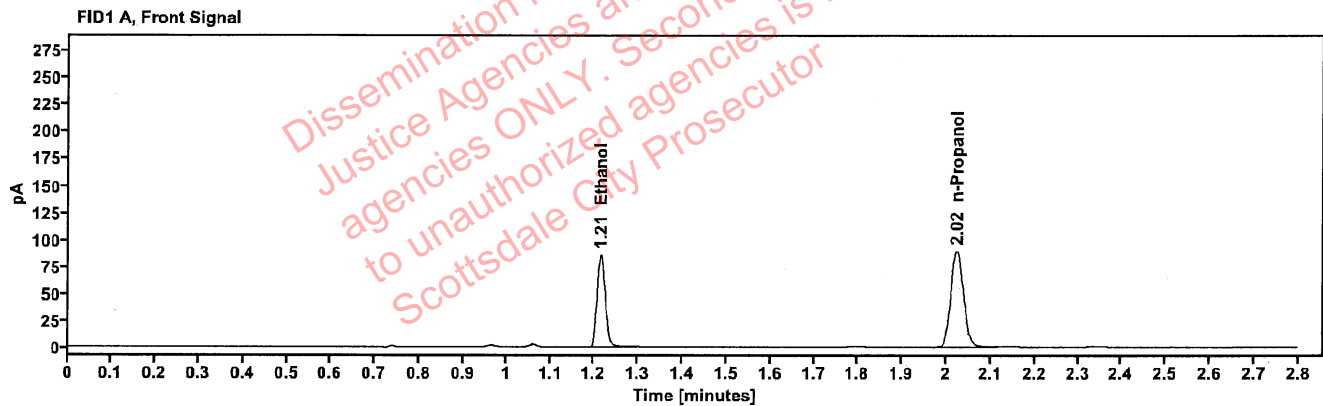


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1690	1.215	108.984
n-Propanol	---	2.023	177.580

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

Compound	Time (min)	Peak Area
Ethanol	1.363	118.931
n-Propanol	2.446	192.057

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415717-2	Vial:	66
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 8:25:44 PM
Data file:	C:\Chem32\1\Data\28Aug24\66.D	Analyst:	Brooke

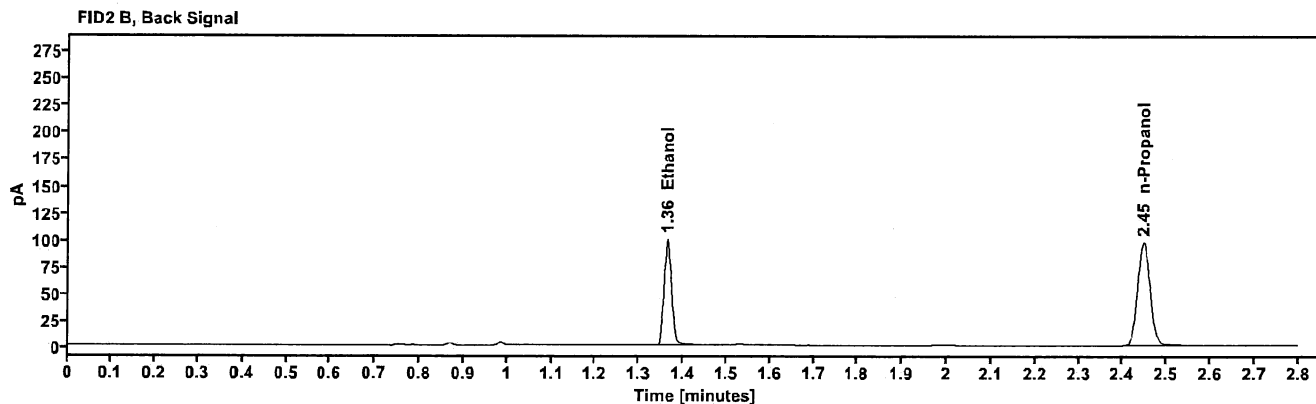
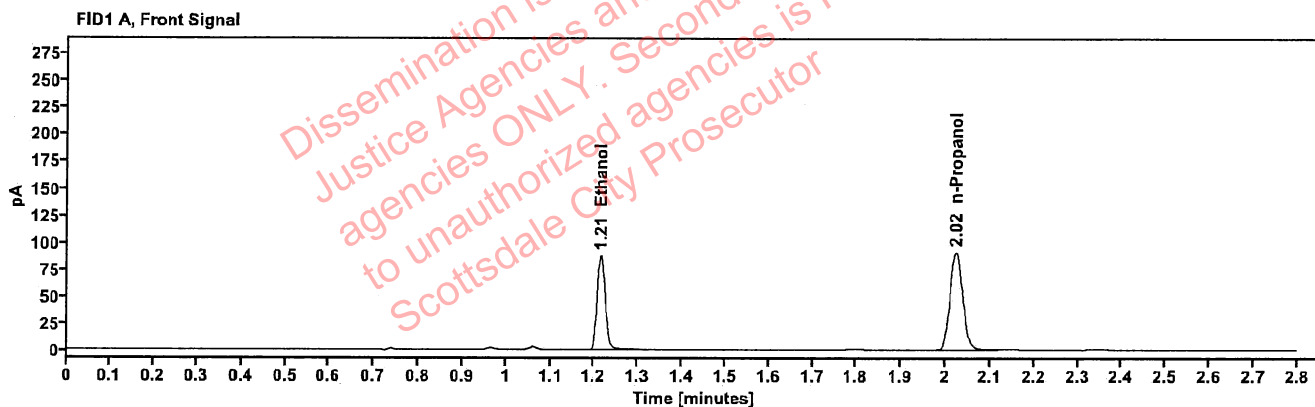


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1690	1.215	110.927
n-Propanol	-----	2.023	180.749

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

Compound	Time (min)	Peak Area
Ethanol	1.363	121.379
n-Propanol	2.446	195.391

: Brooke, Phillip - (30-Aug-2024)

Case: User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2416029-2	Vial:	67
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 8:29:59 PM
Data file:	C:\Chem32\1\Data\28Aug24\67.D	Analyst:	Brooke

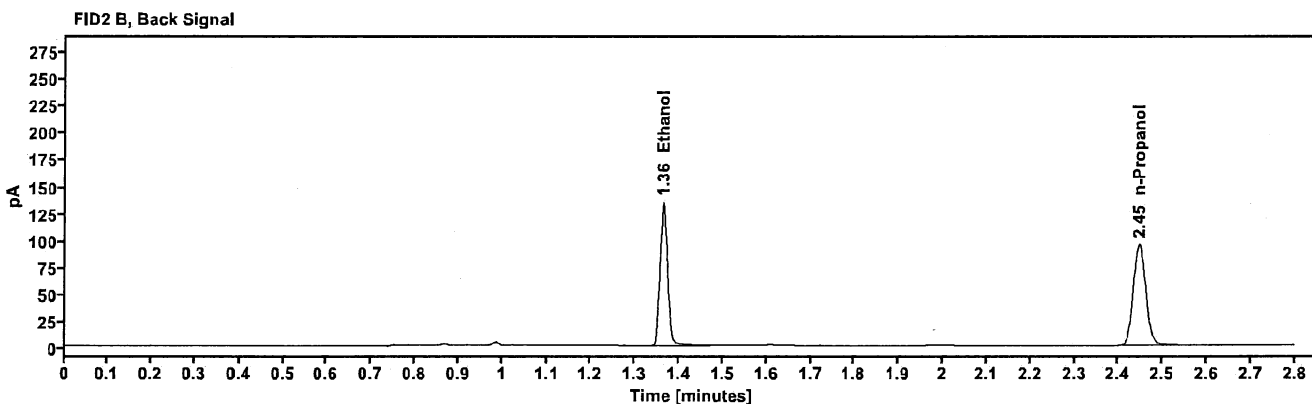
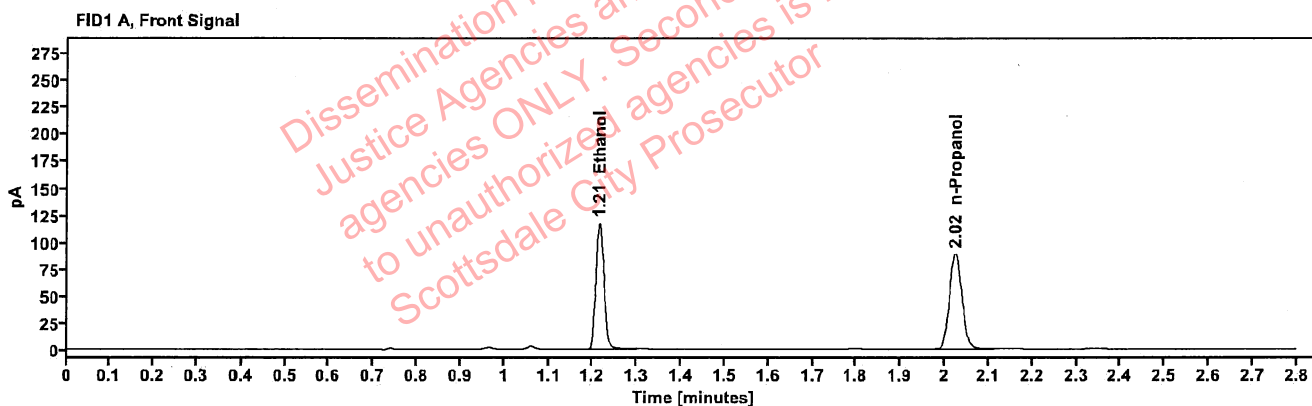


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2326	1.214	148.909
n-Propanol	-----	2.024	176.043

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

Compound	Time (min)	Peak Area
Ethanol	1.363	164.470
n-Propanol	2.447	190.296

[REDACTED]: Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2416029-2	Vial:	68
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 8:33:58 PM
Data file:	C:\Chem32\1\Data\28Aug24\68.D	Analyst:	Brooke

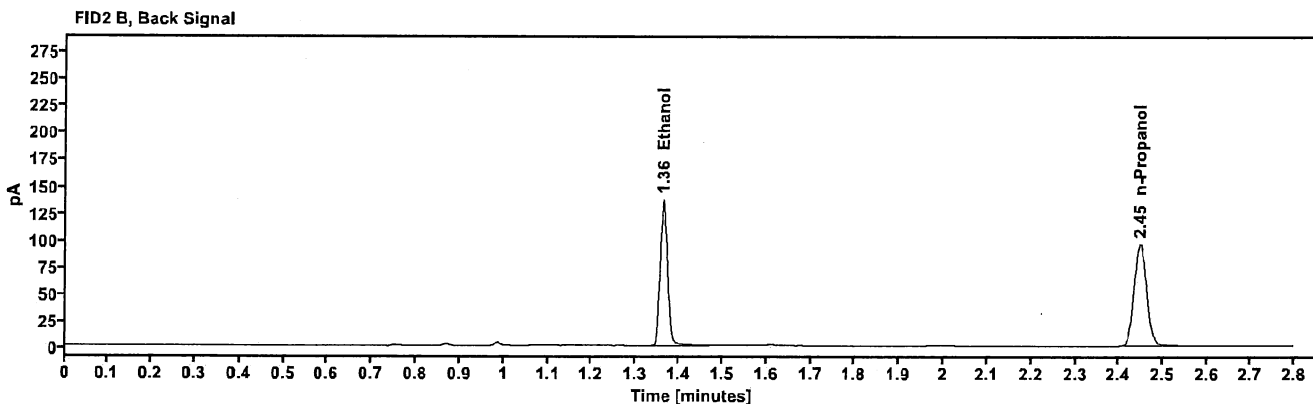
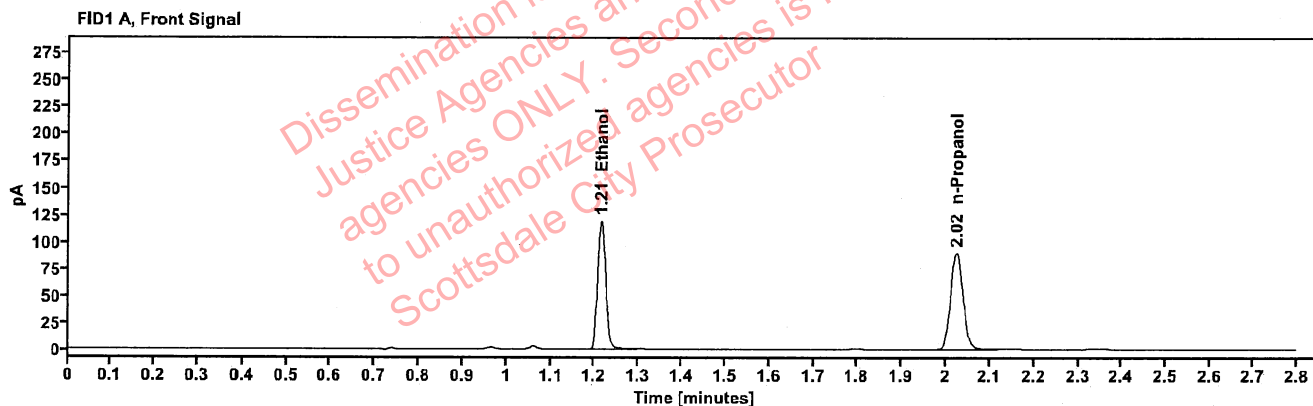


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2332	1.214	151.183
n-Propanol	-----	2.024	178.244

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

Compound	Time (min)	Peak Area
Ethanol	1.363	167.120
n-Propanol	2.447	192.436

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415953-2	Vial:	69
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 8:37:59 PM
Data file:	C:\Chem32\1\Data\28Aug24\69.D	Analyst:	Brooke

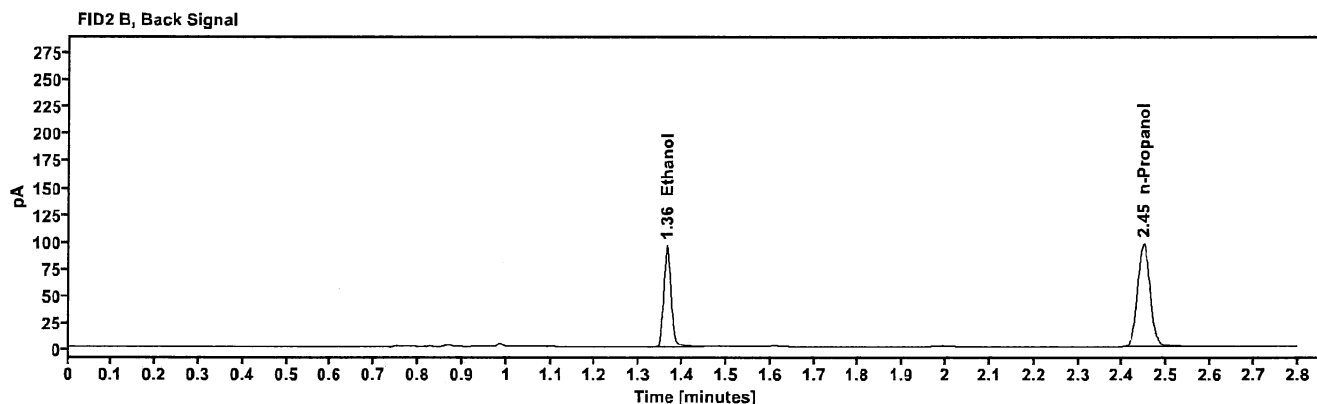
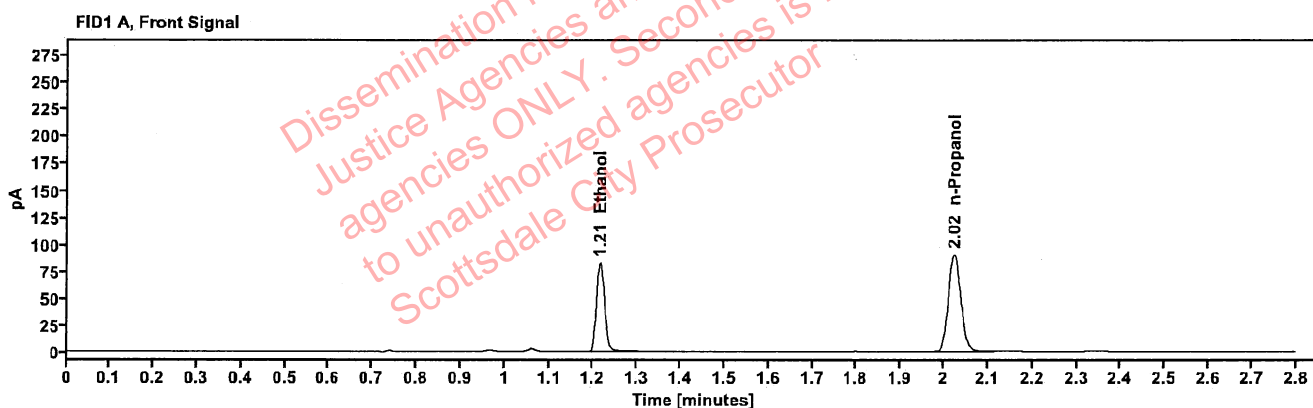


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1614	1.215	105.332
n-Propanol	—	2.024	179.704

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

Compound	Time (min)	Peak Area
Ethanol	1.364	115.160
n-Propanol	2.447	194.240

[REDACTED]: Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415953-2	Vial:	70
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 8:41:58 PM
Data file:	C:\Chem32\1\Data\28Aug24\70.D	Analyst:	Brooke

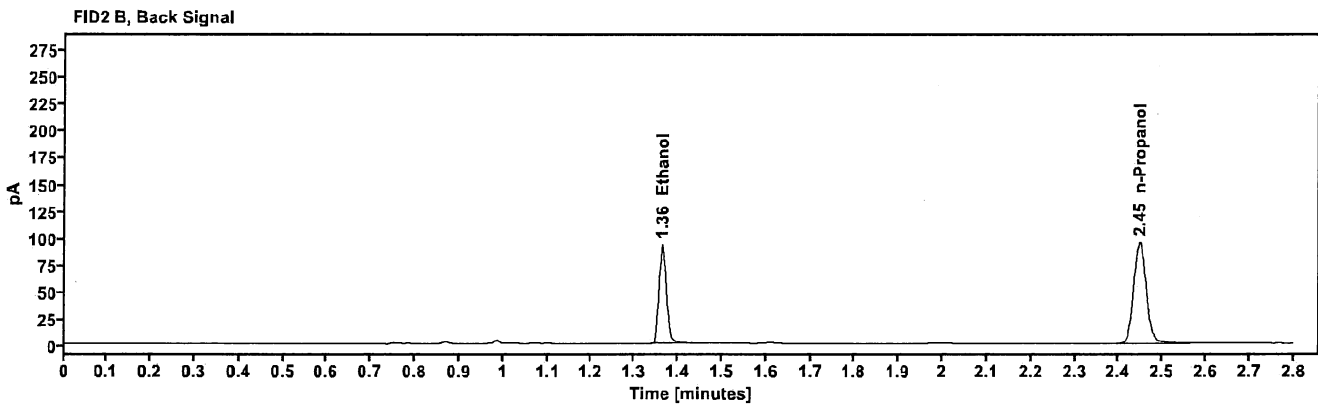
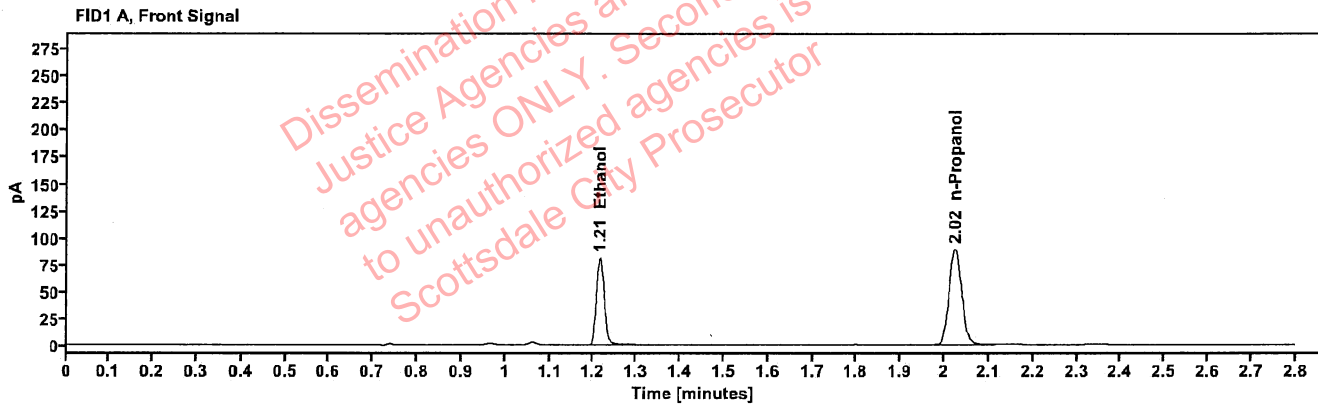


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1607	1.215	102.705
n-Propanol	-----	2.024	175.994

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

Compound	Time (min)	Peak Area
Ethanol	1.364	112.369
n-Propanol	2.447	190.395

: Brooke, Phillip - (30-Aug-2024)

Case: User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415937-1	Vial:	71
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 8:45:58 PM
Data file:	C:\Chem32\1\Data\28Aug24\71.D	Analyst:	Brooke

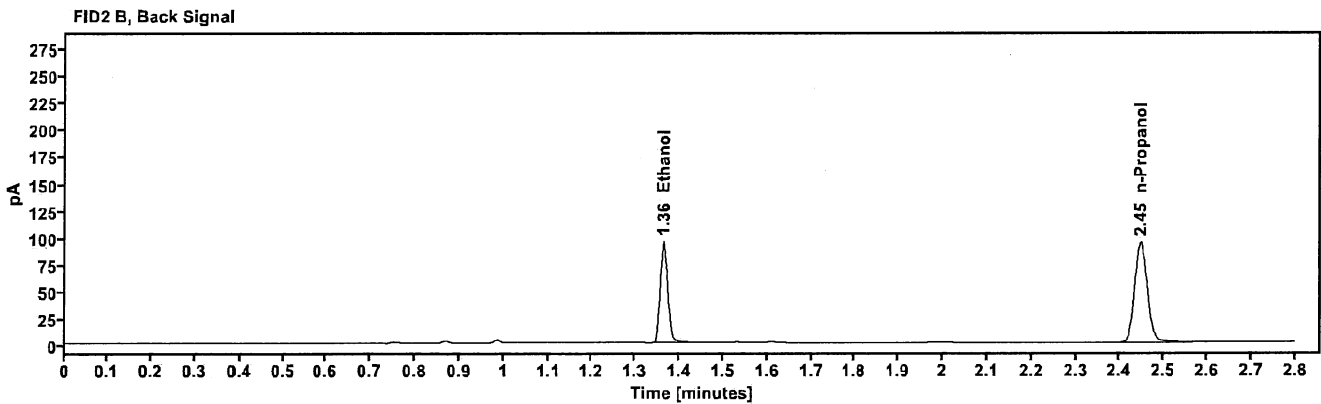
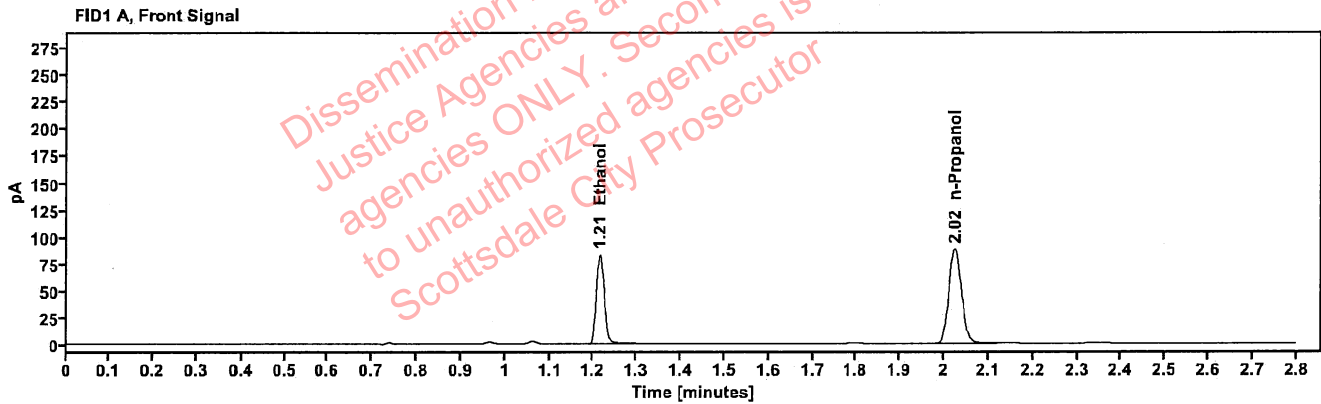


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1665	1.215	105.183
n-Propanol	---	2.024	173.962

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

Compound	Time (min)	Peak Area
Ethanol	1.364	115.129
n-Propanol	2.447	188.340

[REDACTED] : Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415937-1	Vial:	72
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 8:49:59 PM
Data file:	C:\Chem32\1\Data\28Aug24\72.D	Analyst:	Brooke

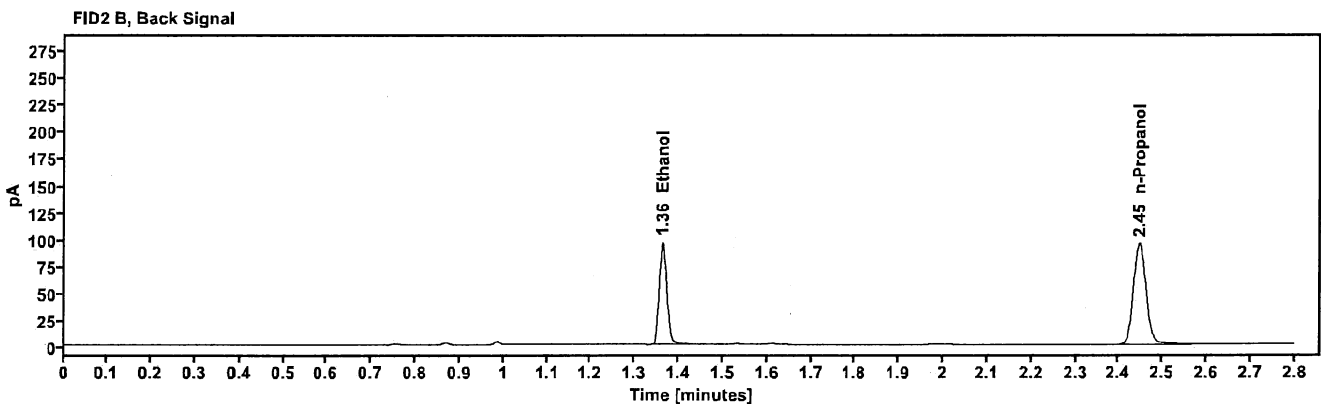
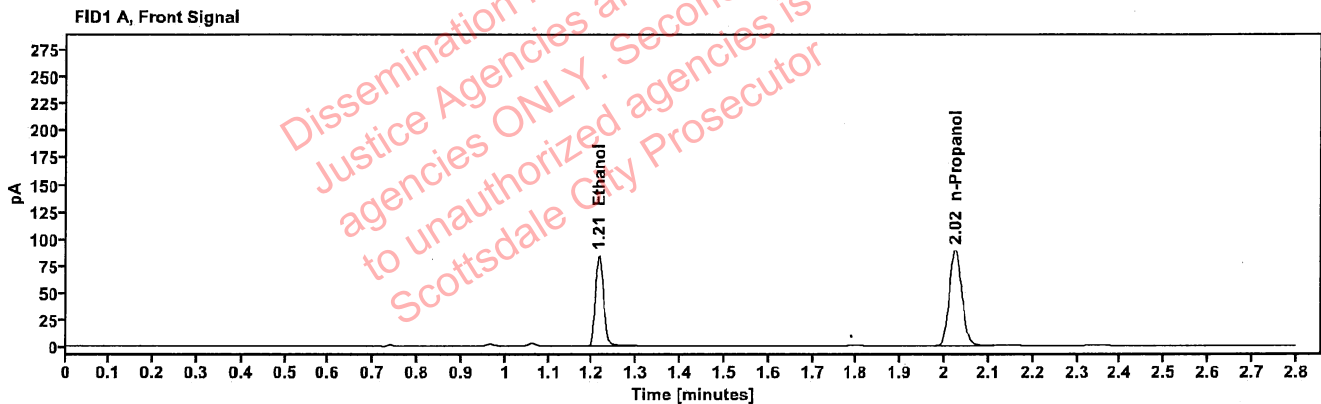


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1671	1.215	106.770
n-Propanol	-----	2.024	175.882

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

Compound	Time (min)	Peak Area
Ethanol	1.364	116.808
n-Propanol	2.447	190.429

: Brooke, Phillip - (30-Aug-2024)

Case: User: pbrooke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2416282-1	Vial:	73
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 8:54:13 PM
Data file:	C:\Chem32\1\Data\28Aug24\73.D	Analyst:	Brooke

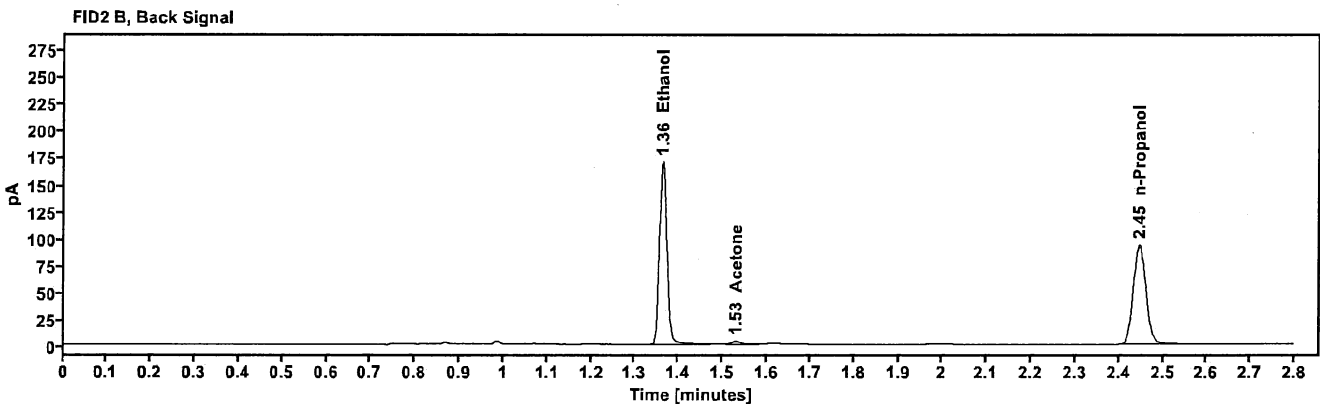
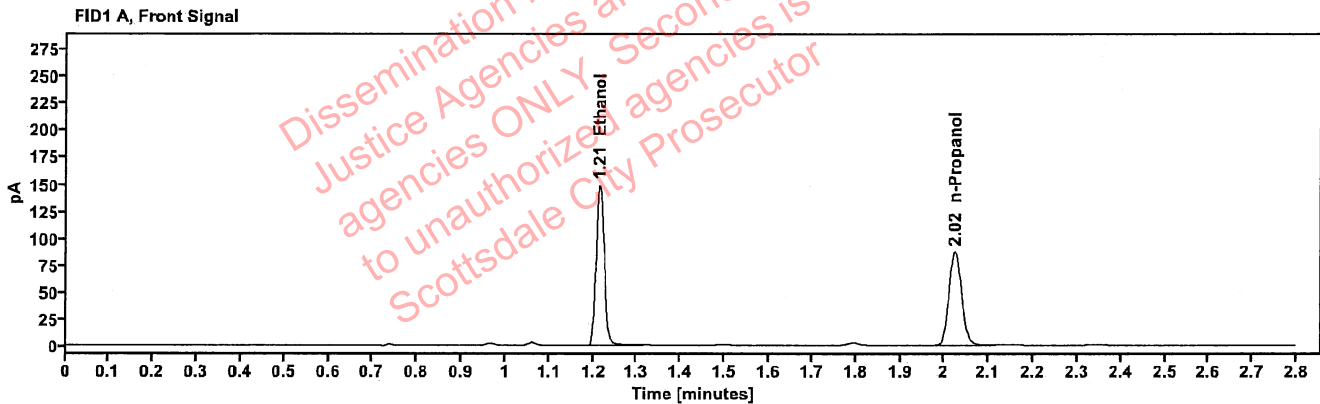


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2998	1.214	188.593
n-Propanol	-----	2.024	172.839

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

Compound	Time (min)	Peak Area
Ethanol	1.363	208.090
Acetone	1.530	4.631
n-Propanol	2.447	186.736

[REDACTED]: Brooke, Phillip - (30-Aug-2024)

Case: [REDACTED] User: pbroke 8/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2416282-1	Vial:	74
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Aug24
Instrument:	US14173023 CN14160045	Injection date:	8/28/2024 8:58:14 PM
Data file:	C:\Chem32\1\Data\28Aug24\74.D	Analyst:	Brooke

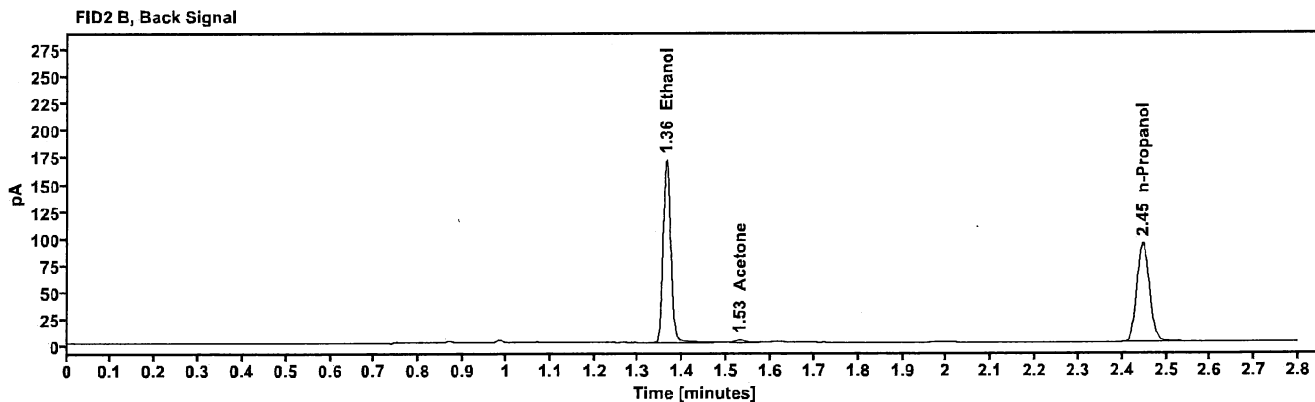
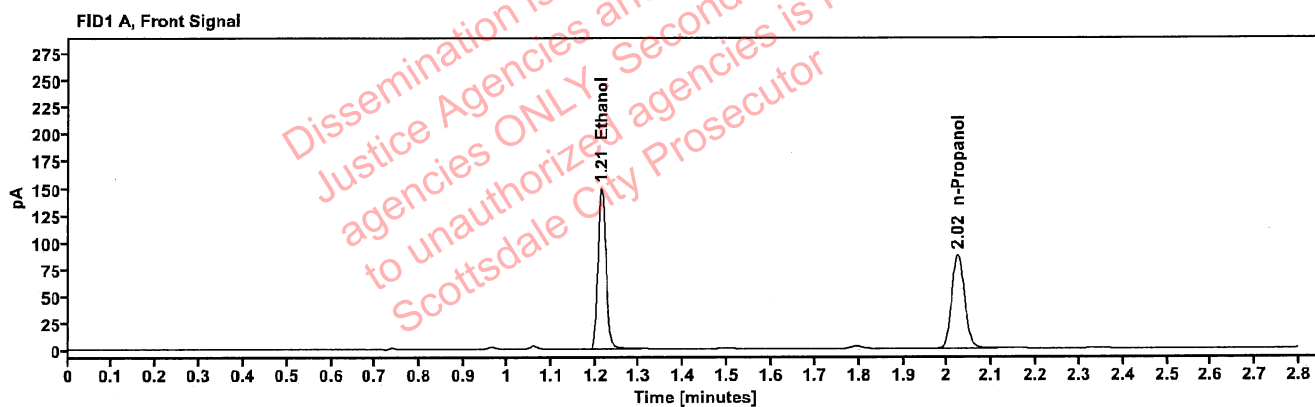


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3001	1.214	188.739
n-Propanol	-----	2.024	172.810

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

Compound	Time (min)	Peak Area
Ethanol	1.363	208.459
Acetone	1.530	4.564
n-Propanol	2.447	186.688