

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY

BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 04/30/2025

SEQUENCE NAME 30Apr25

EQUIPMENT

Pipettor ☒ Hamilton ML600GJ10749 ☐ Hamilton ML600EA20851
Gas Chromatograph ☒ Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r^2)
Vial 2 0.10 calibrator Lot FN03072301 0.99997
Vial 3 0.20 calibrator Lot FN03132302
Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

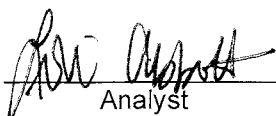
Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 111224WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
9	Blood control	0.203 g/dL	0.201 g/dL	ACQ 4130622206/10
20	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 517758
31	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 517758
42	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 12052023-B
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
44	Blood control	0.203 g/dL	0.205 g/dL	ACQ 4130622206/10
45	Blank	Not detected	Not detected	SPD lab 032725AQ

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid ☒
Run invalid ☐


Analyst

Run valid ☒
Run invalid ☐


Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

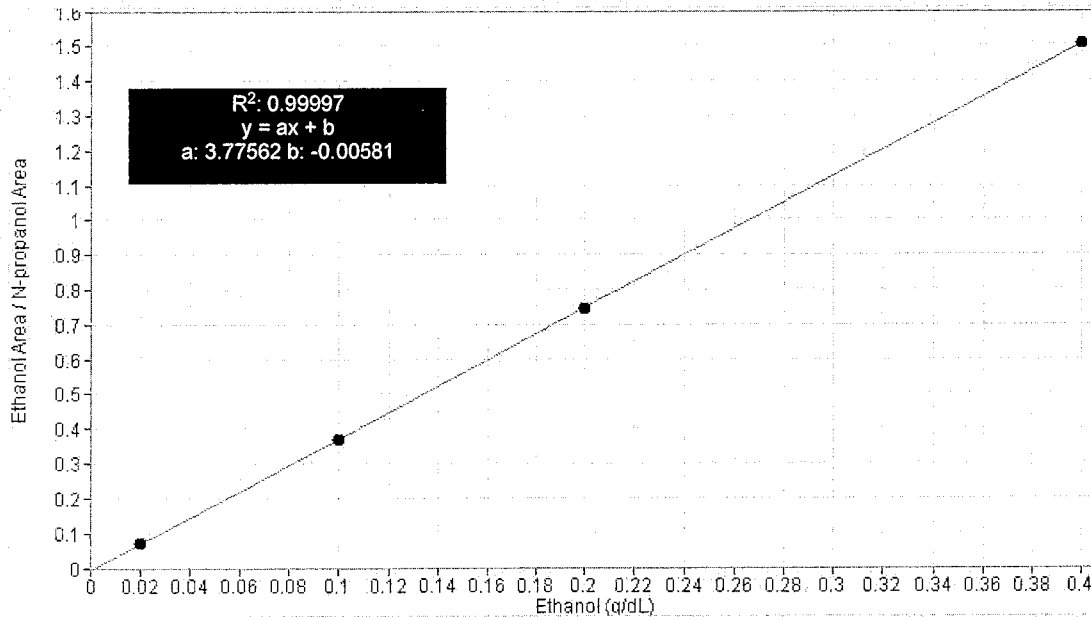
SEQUENCE NAME: 30Apr25

ANALYST: Abbott

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 111224VWB	5	negative	negative	-	-
0.400 12052023-B	7	0.402	0.400	0.50	0.002
0.040 518018	8	0.041	0.040	2.50	0.001
0.203 4130622206/10	9	0.201	0.203	0.99	-0.002
0.100 517758	20	0.100	0.100	0.00	0.000
0.100 517758	31	0.101	0.100	1.00	0.001
0.400 12052023-B	42	0.404	0.400	1.00	0.004
0.040 518018	43	0.041	0.040	2.50	0.001
0.203 4130622206/10	44	0.205	0.203	0.99	0.002
blank 032725AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.510	157.835	0.073
0.100	58.519	157.940	0.371
0.200	117.236	157.356	0.745
0.400	239.695	159.084	1.507

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03122113	Vial:	1
Description:	0.020 calibrator	Sequence:	30Apr25
Method:	ethanol quant.M	Injection date:	4/30/2025 4:20:37 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>JA</i>
Data file:	C:\Chem32\1\Data\30Apr25\1.D		

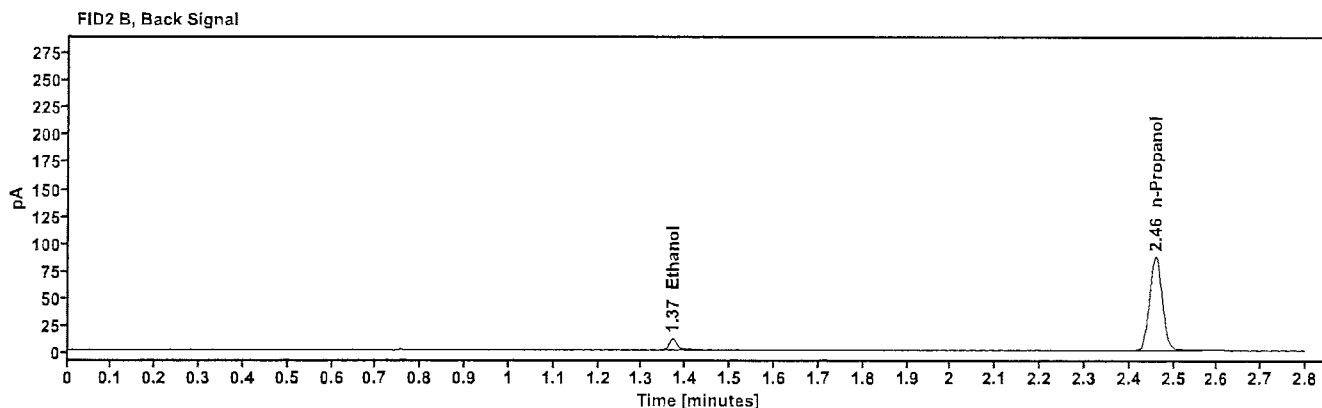
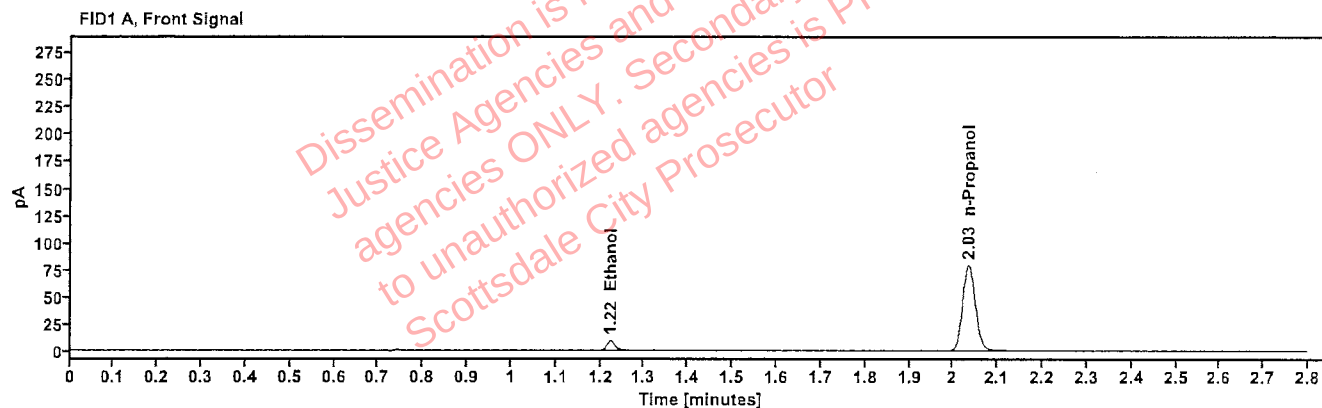


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.223	11.510
n-Propanol	2.035	157.835

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

Compound	Time (min)	Peak Area
Ethanol	1.370	12.675
n-Propanol	2.459	172.344

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03072301	Vial:	2
Description:	0.100 calibrator	Sequence:	30Apr25
Method:	ethanol quant.M	Injection date:	4/30/2025 4:24:37 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott
Data file:	C:\Chem32\1\Data\30Apr25\2.D		

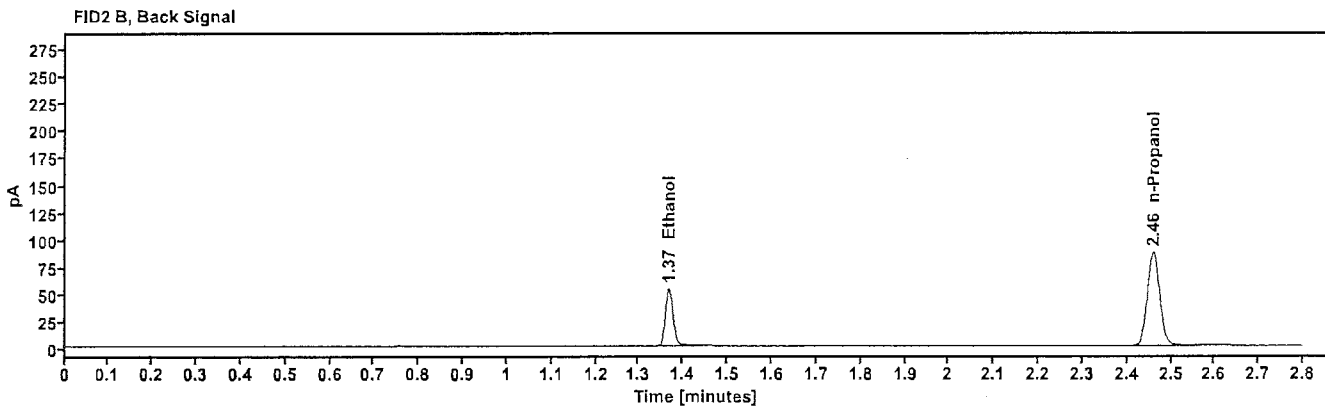
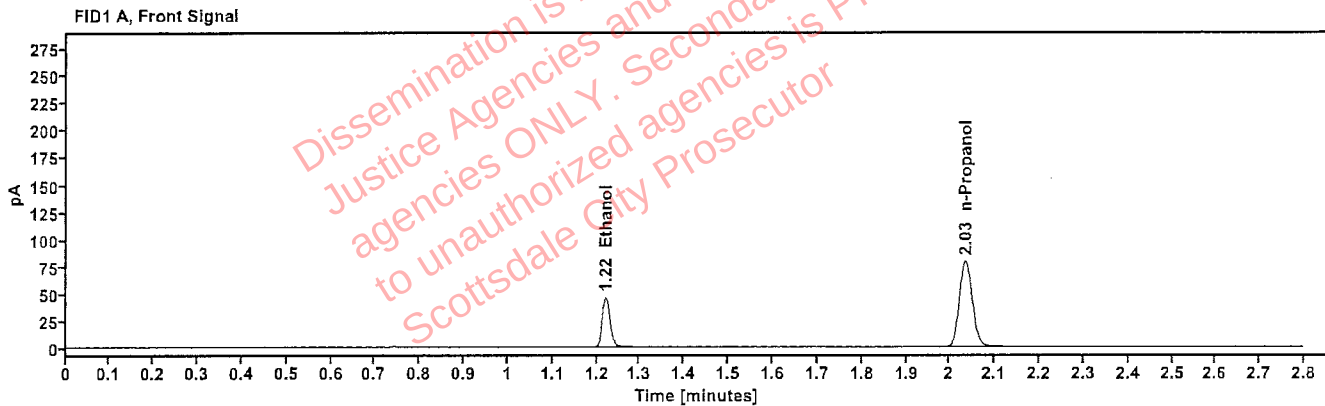


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.221	58.519
n-Propanol	2.035	157.940

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

Compound	Time (min)	Peak Area
Ethanol	1.368	64.297
n-Propanol	2.459	172.404

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03132302	Vial:	3
Description:	0.200 calibrator	Sequence:	30Apr25
Method:	ethanol quant.M	Injection date:	4/30/2025 4:28:38 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott
Data file:	C:\Chem32\1\Data\30Apr25\3.D		

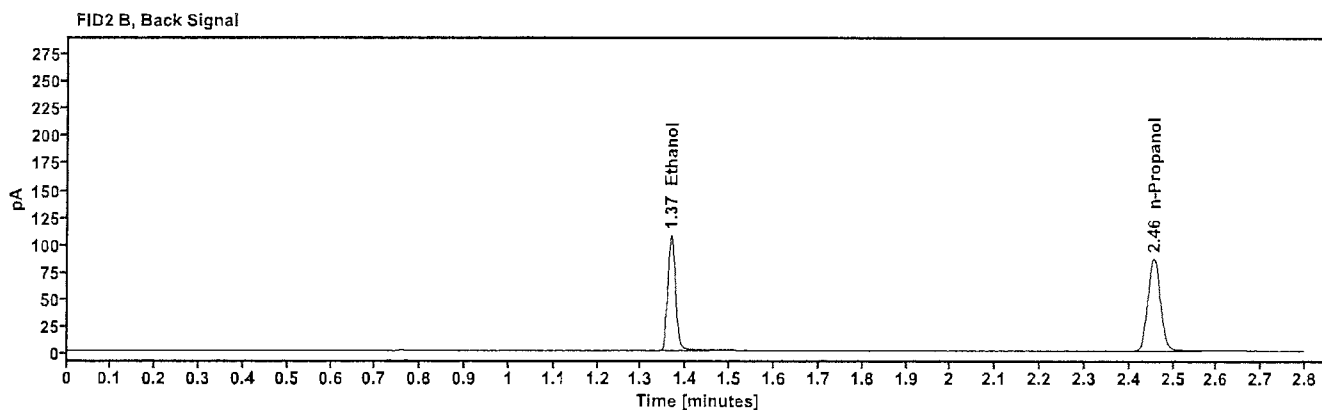
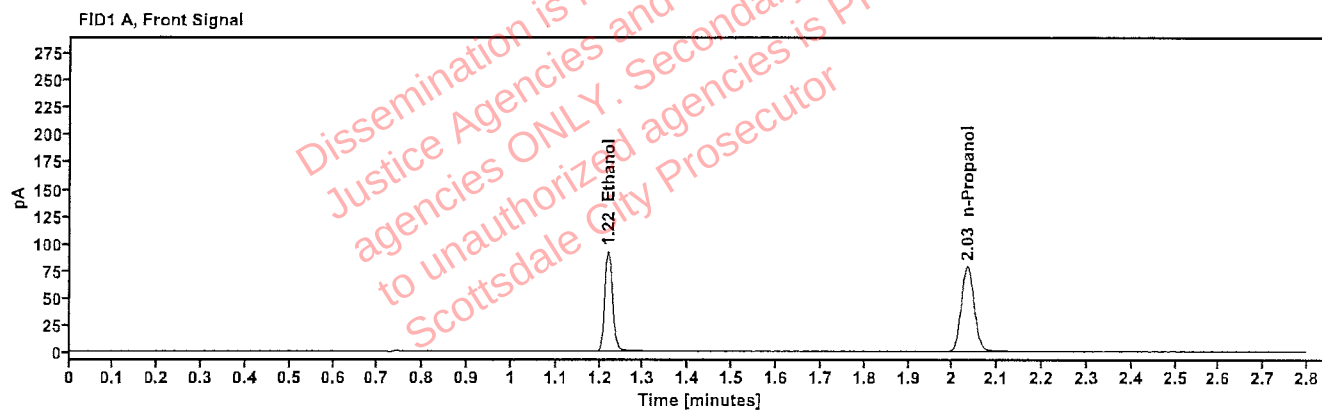


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.219	117.236
n-Propanol	2.032	157.356

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

Compound	Time (min)	Peak Area
Ethanol	1.367	129.114
n-Propanol	2.456	171.581

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	30Apr25
Method:	ethanol quant.M	Injection date:	4/30/2025 4:32:38 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>DA</i>
Data file:	C:\Chem32\1\Data\30Apr25\4.D		

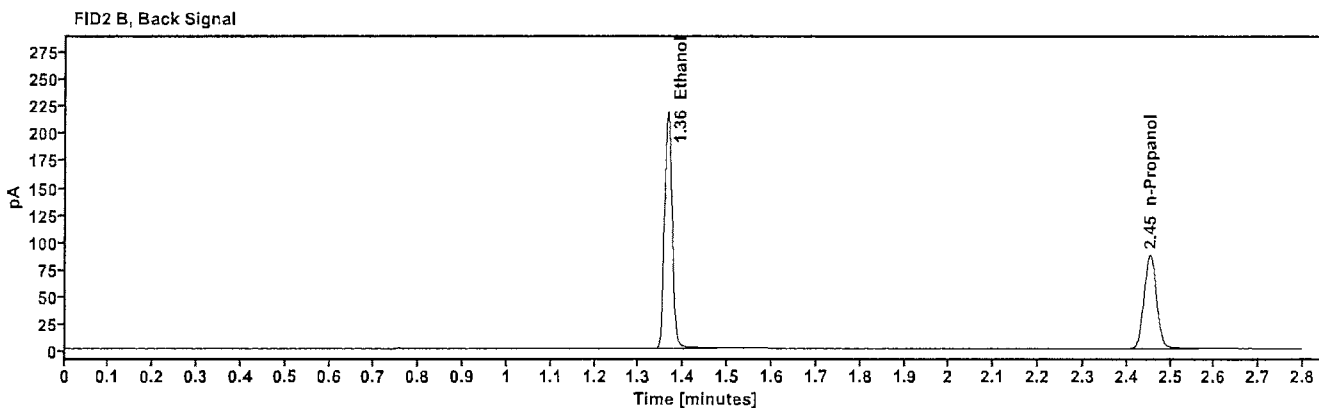
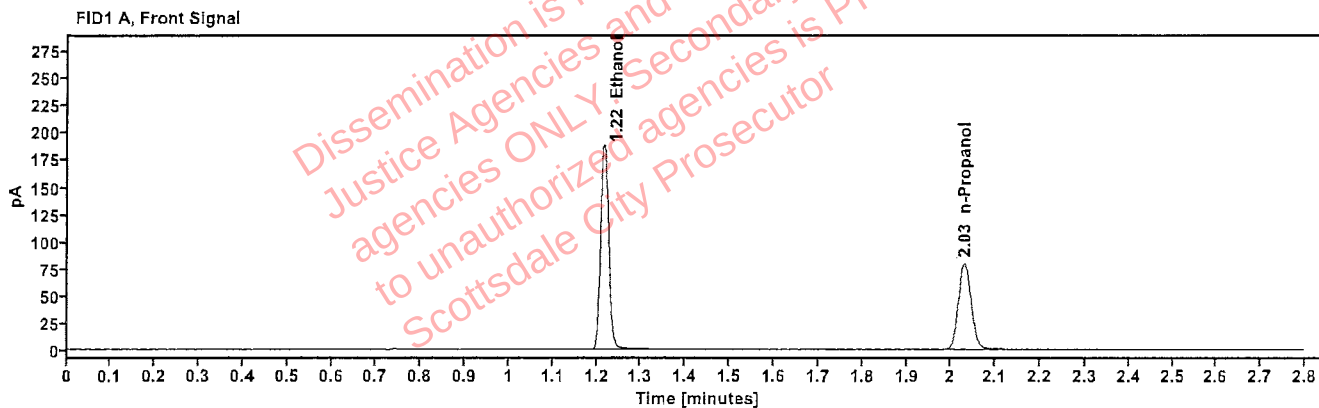


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.216	239.695
n-Propanol	2.029	159.084

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

Compound	Time (min)	Peak Area
Ethanol	1.364	264.323
n-Propanol	2.453	173.258

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111224WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 4:36:37 PM
Data file:	C:\Chem32\1\Data\30Apr25\5.D	Analyst:	Abbott

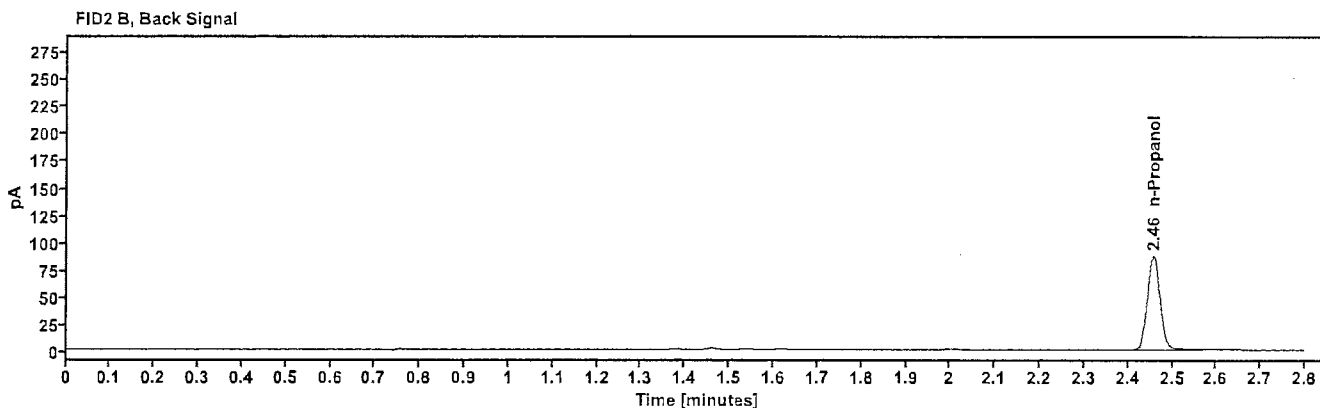
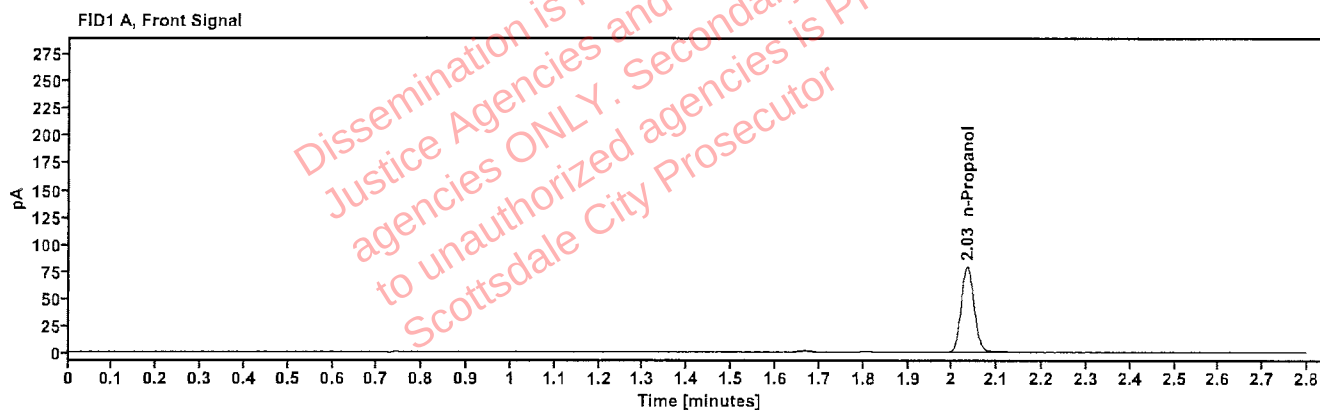


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.033	158.334

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

Compound	Time (min)	Peak Area
n-Propanol	2.458	172.675

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 4:40:38 PM
Data file:	C:\Chem32\1\Data\30Apr25\6.D	Analyst:	Abbott

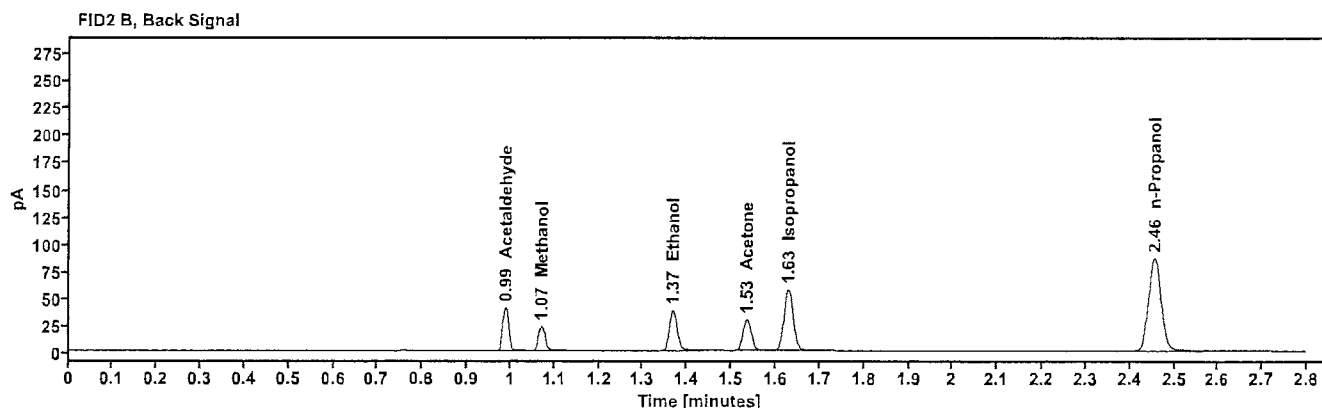
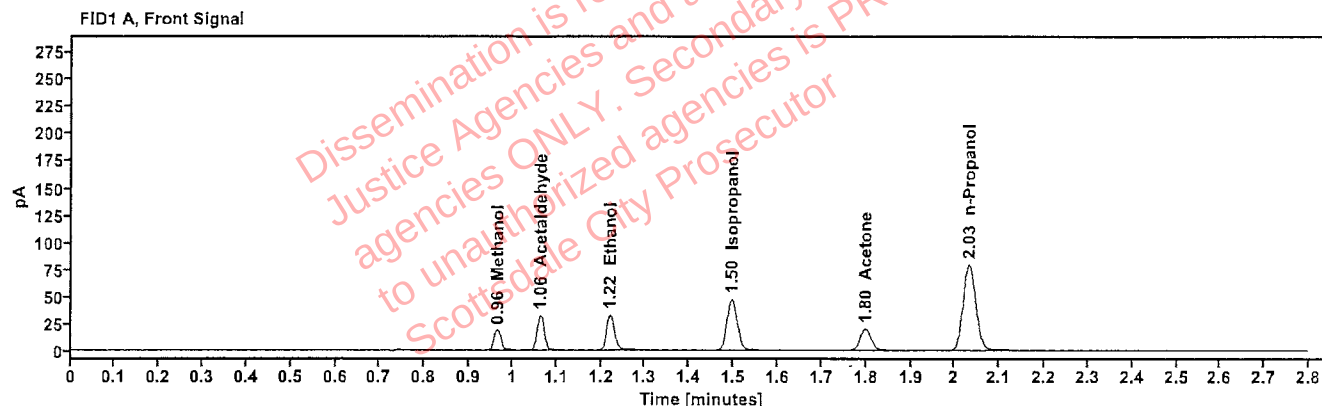


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.965	21.220
Acetaldehyde	-----	1.064	35.284
>Ethanol	0.0712	1.220	41.631
Isopropanol	-----	1.495	75.770
Acetone	-----	1.799	34.365
n-Propanol	-----	2.032	158.273

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	39.649
Methanol	1.071	23.594
Ethanol	1.368	45.600
Acetone	1.534	37.937
Isopropanol	1.628	83.767
n-Propanol	2.455	172.104

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 4:44:52 PM
Data file:	C:\Chem32\1\Data\30Apr25\7.D	Analyst:	Abbott

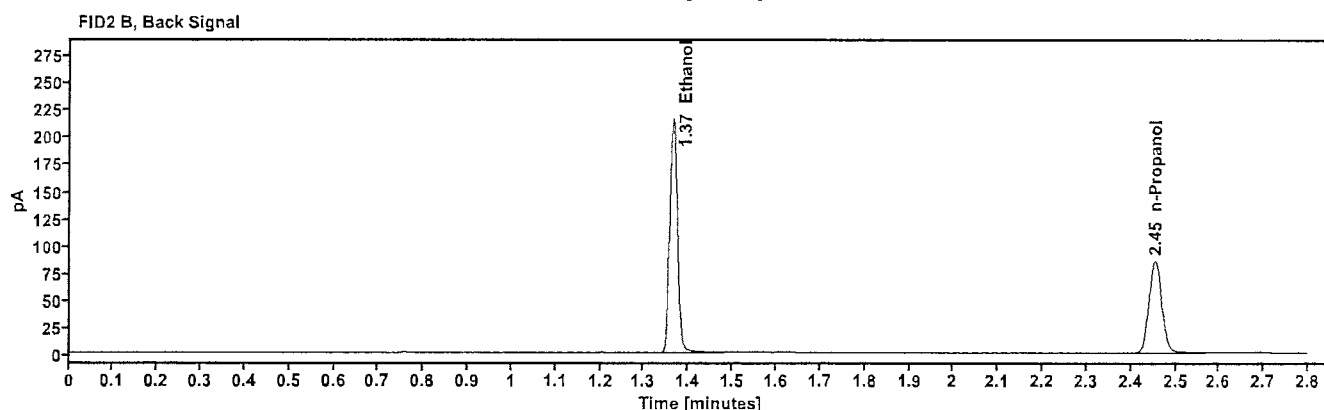
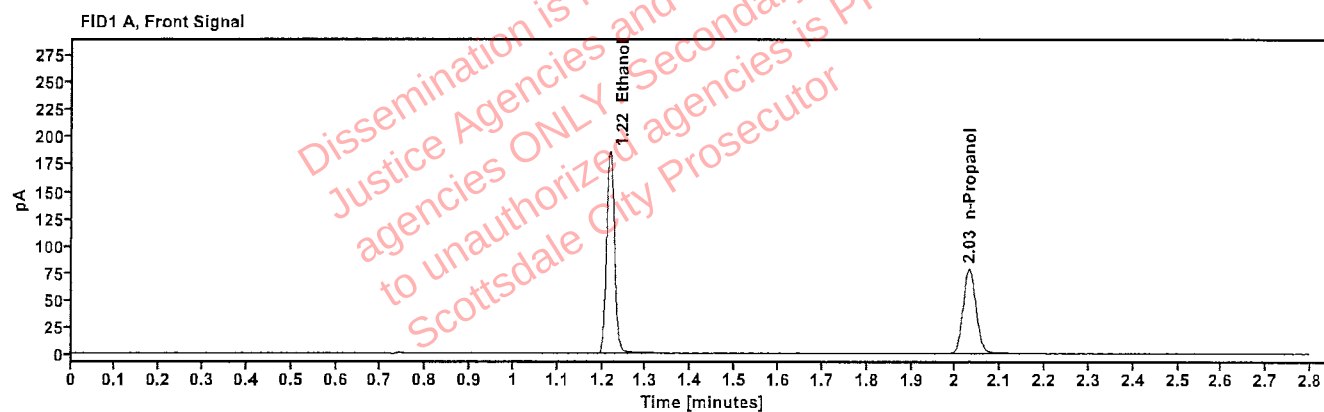


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4022	1.217	236.280
n-Propanol	-----	2.030	156.207

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

Compound	Time (min)	Peak Area
Ethanol	1.365	260.689
n-Propanol	2.454	170.012

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 4:48:52 PM
Data file:	C:\Chem32\1\Data\30Apr25\8.D	Analyst:	Abbott

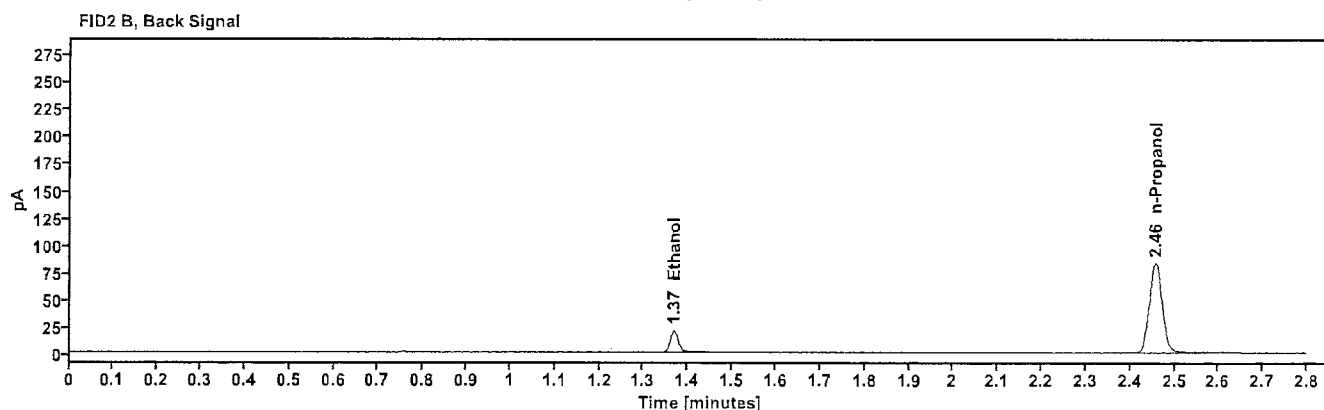
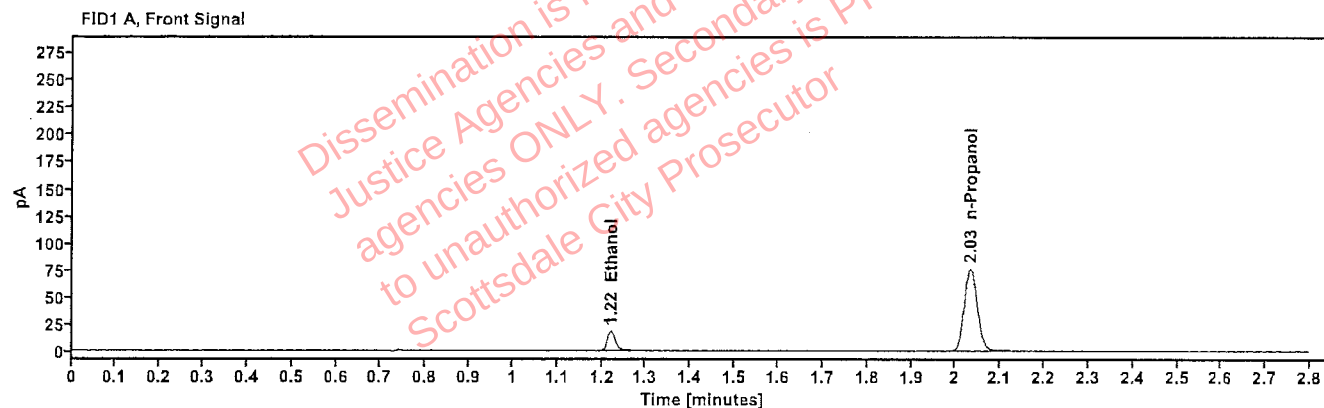


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.221	22.866
n-Propanol	-----	2.033	153.057

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

Compound	Time (min)	Peak Area
Ethanol	1.368	25.172
n-Propanol	2.457	166.485

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	Vial:	9
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 4:52:53 PM
Data file:	C:\Chem32\1\Data\30Apr25\9.D	Analyst:	Abbott

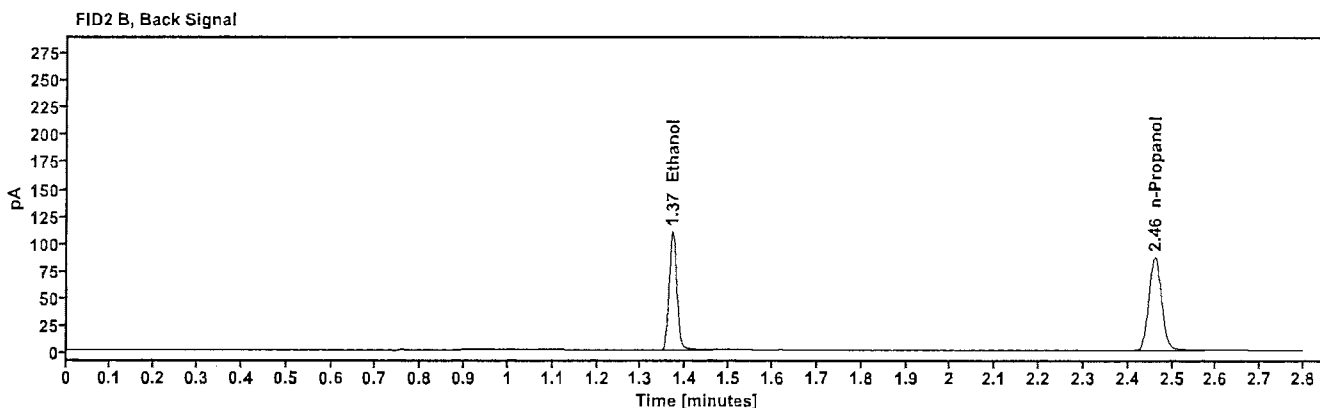
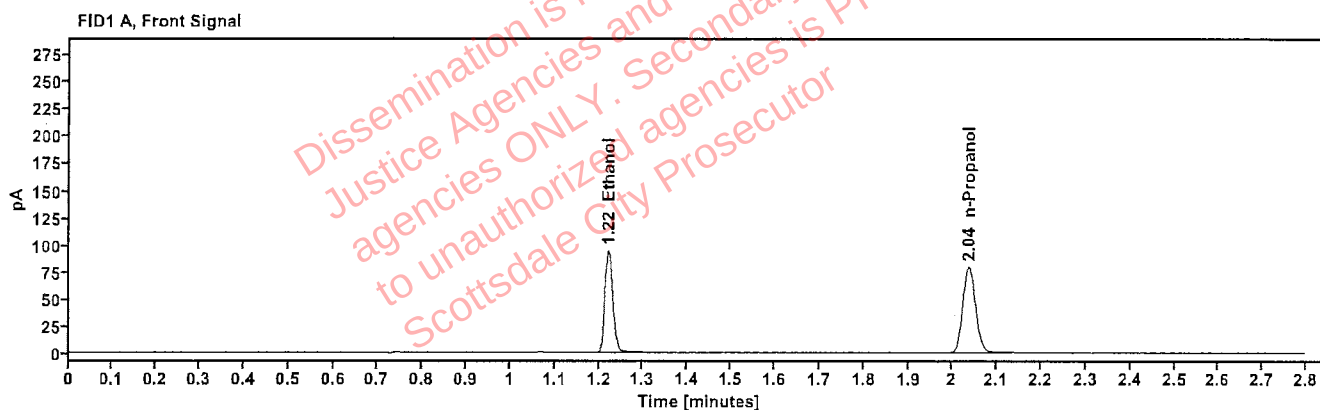


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2018	1.221	120.013
n-Propanol	-----	2.036	158.699

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

Compound	Time (min)	Peak Area
Ethanol	1.370	132.172
n-Propanol	2.461	172.726

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	517758	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 5:37:22 PM
Data file:	C:\Chem32\1\Data\30Apr25\20.D	Analyst:	Abbott

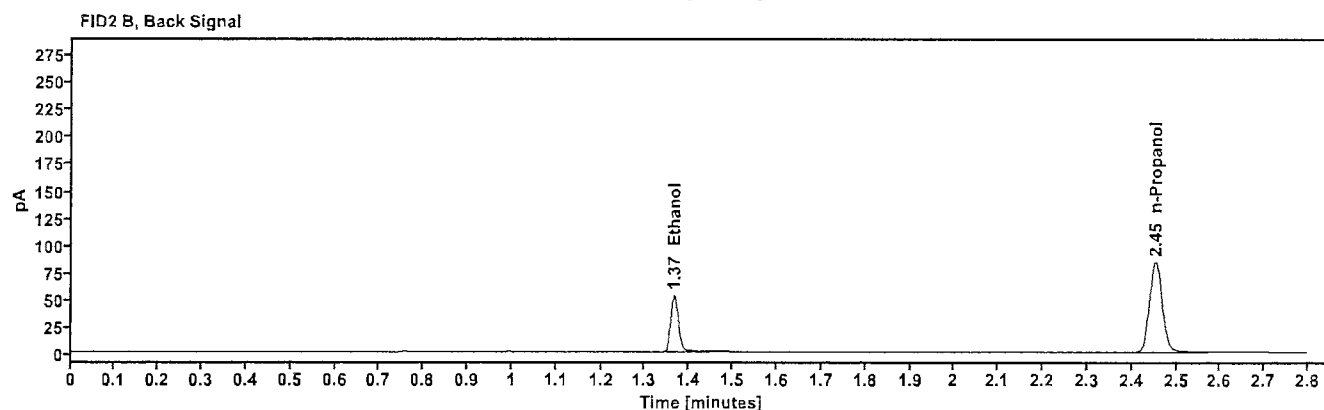
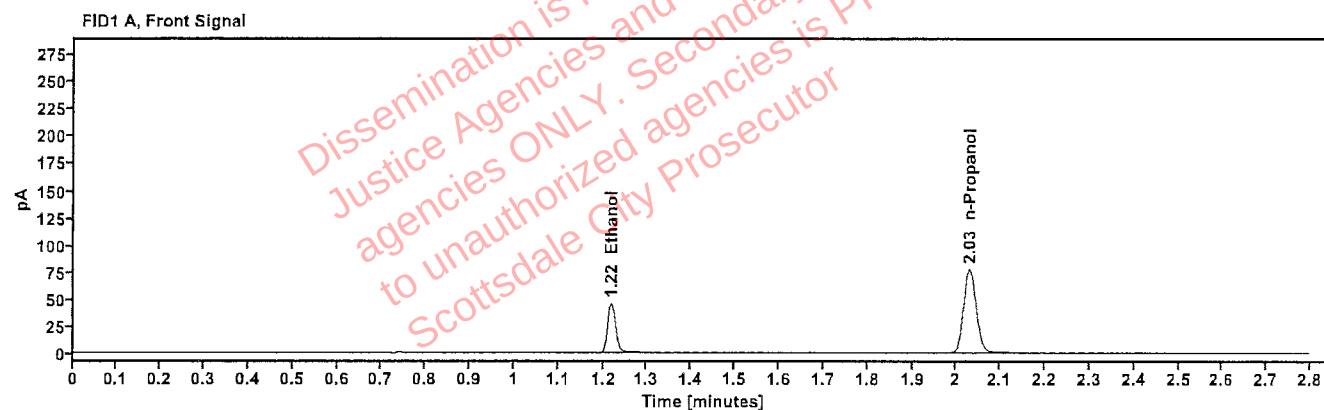


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1009	1.218	57.937
n-Propanol	-----	2.030	154.438

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

Compound	Time (min)	Peak Area
Ethanol	1.366	63.593
n-Propanol	2.454	167.643

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	517758	Vial:	31
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 6:21:53 PM
Data file:	C:\Chem32\1\Data\30Apr25\31.D	Analyst:	Abbott

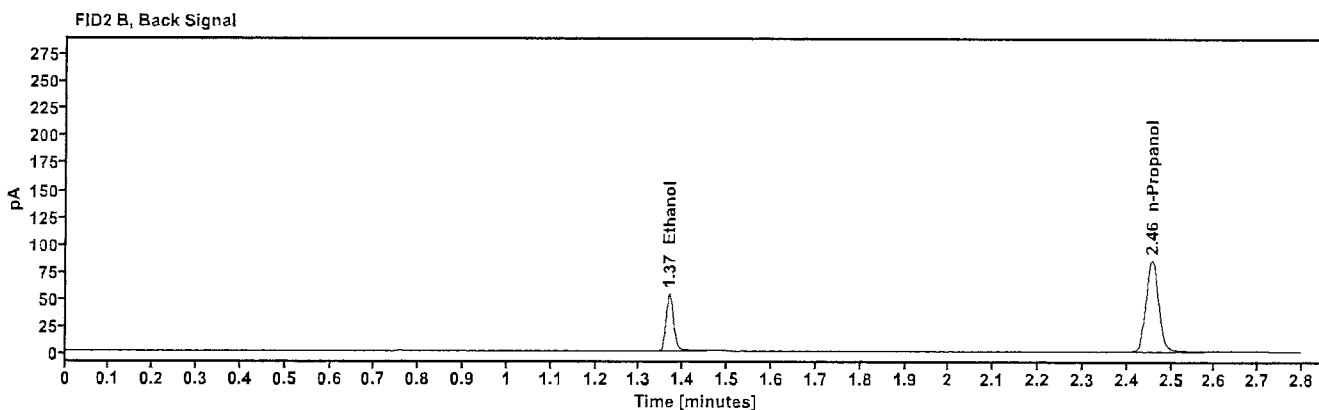
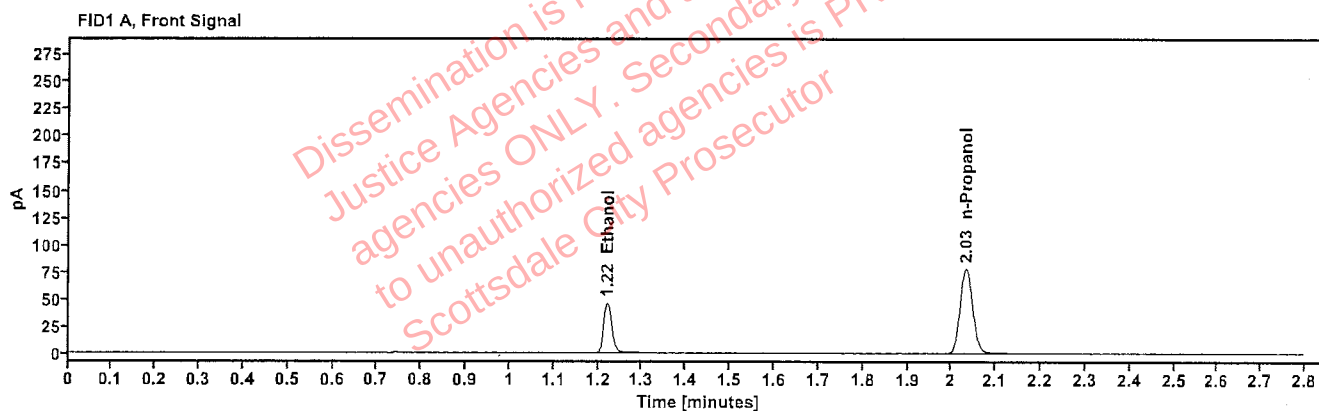


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1014	1.220	58.902
n-Propanol	-----	2.032	156.265

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

Compound	Time (min)	Peak Area
Ethanol	1.368	64.594
n-Propanol	2.456	169.576

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 7:06:07 PM
Data file:	C:\Chem32\1\Data\30Apr25\42.D	Analyst:	Abbott

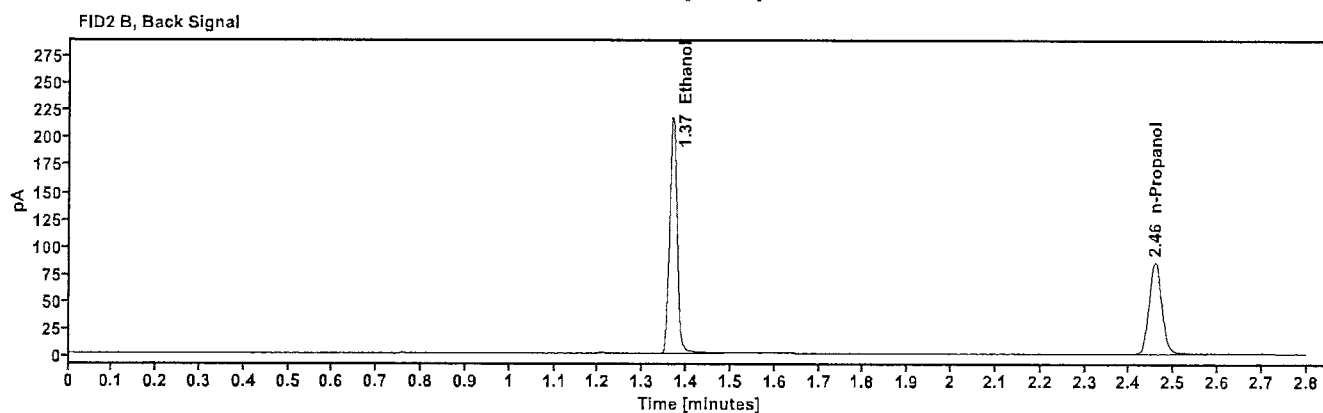
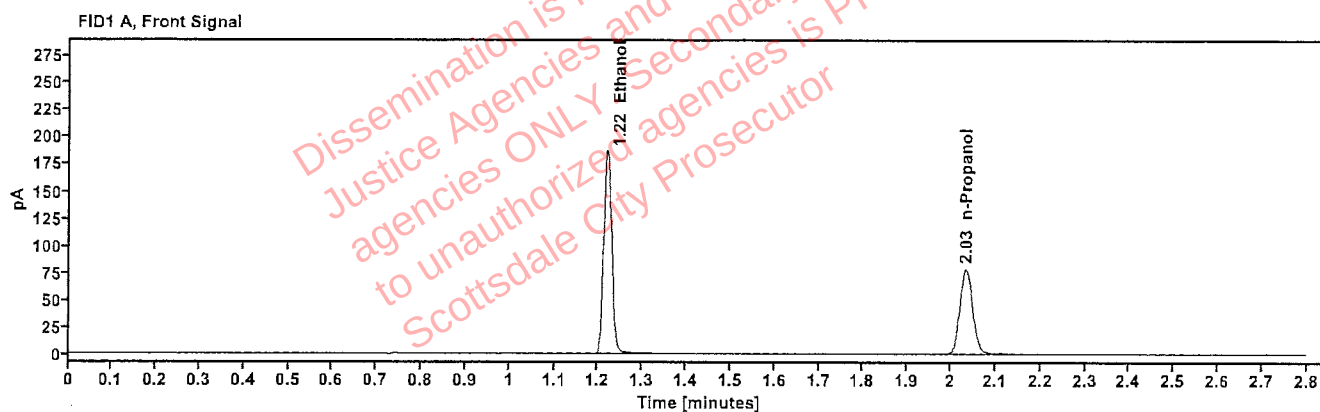


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4040	1.219	238.355
n-Propanol	-----	2.034	156.873

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

Compound	Time (min)	Peak Area
Ethanol	1.368	262.653
n-Propanol	2.457	170.154

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 7:10:23 PM
Data file:	C:\Chem32\1\Data\30Apr25\43.D	Analyst:	Abbott

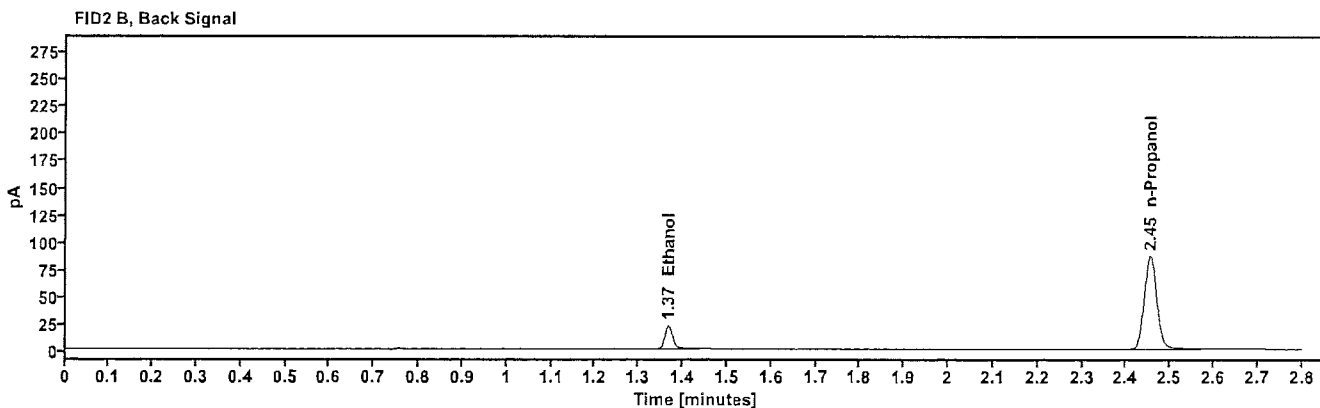
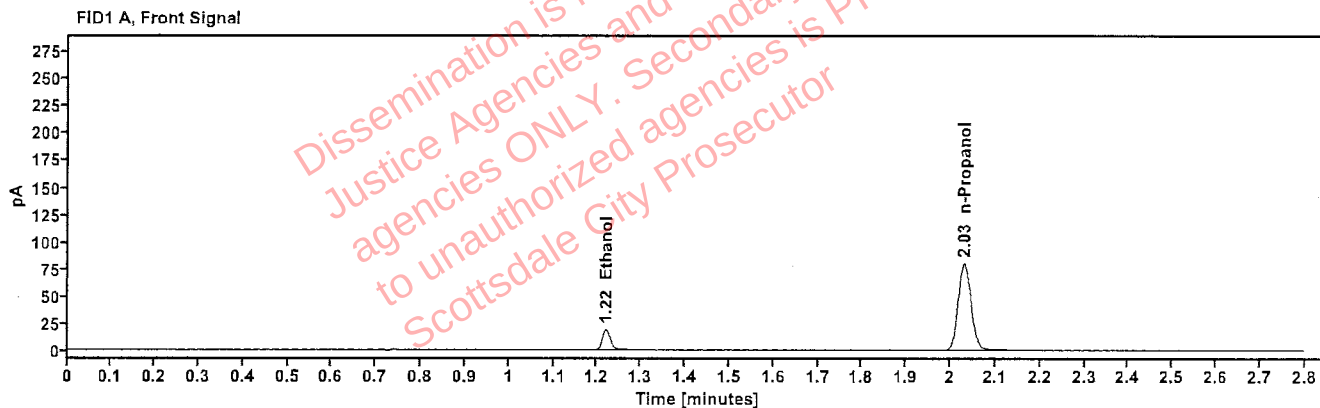


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0416	1.220	24.247
n-Propanol	-----	2.030	160.166

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

Compound	Time (min)	Peak Area
Ethanol	1.367	26.530
n-Propanol	2.454	173.812

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	Vial:	44
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 7:14:22 PM
Data file:	C:\Chem32\1\Data\30Apr25\44.D	Analyst:	Abbott

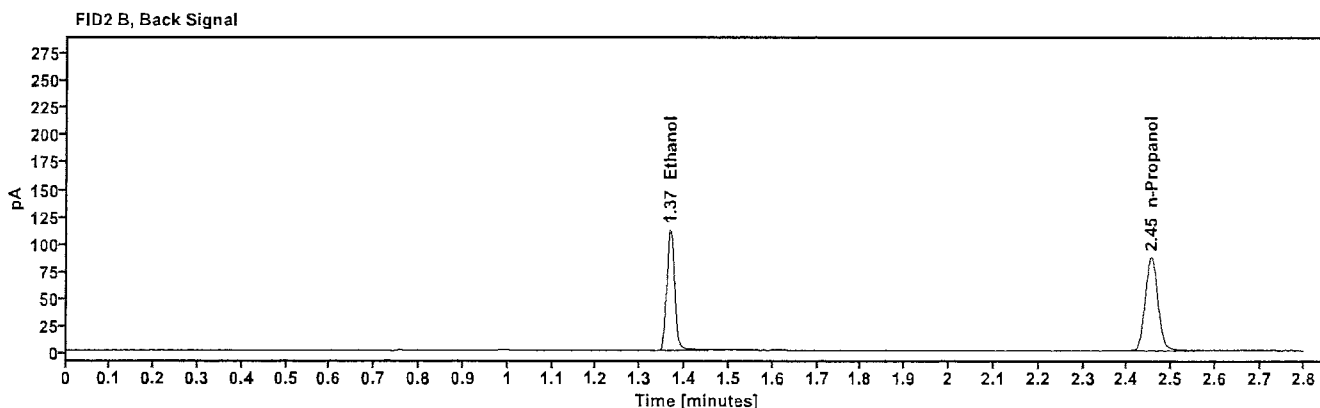
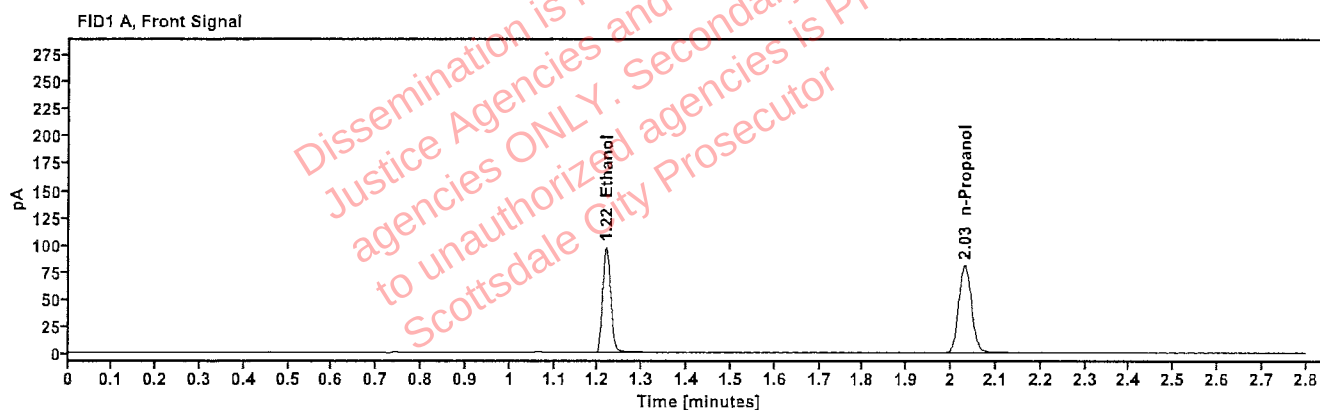


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2052	1.218	123.793
n-Propanol	-----	2.030	161.017

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

Compound	Time (min)	Peak Area
Ethanol	1.367	135.718
n-Propanol	2.454	174.596

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	032725AQ	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 7:18:22 PM
Data file:	C:\Chem32\1\Data\30Apr25\45.D	Analyst:	Abbott

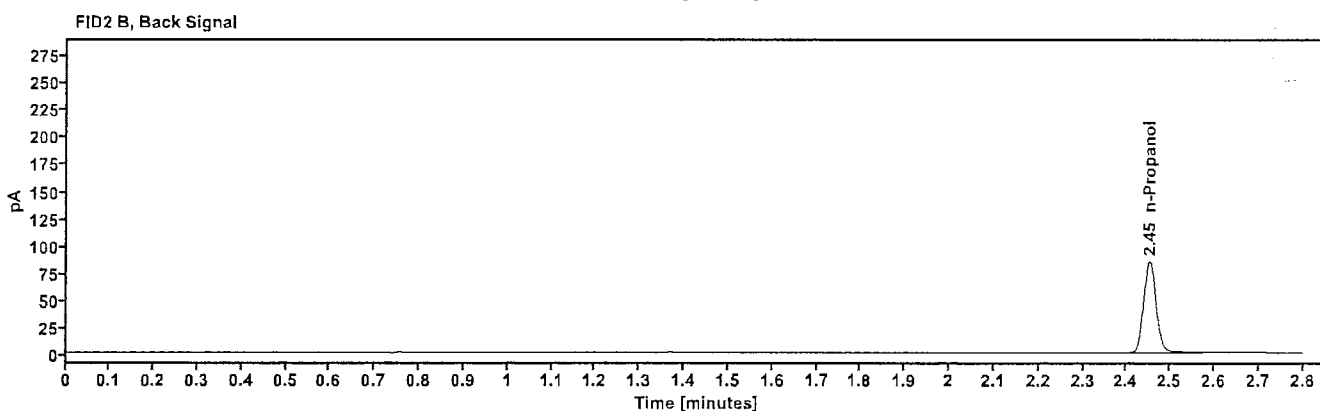
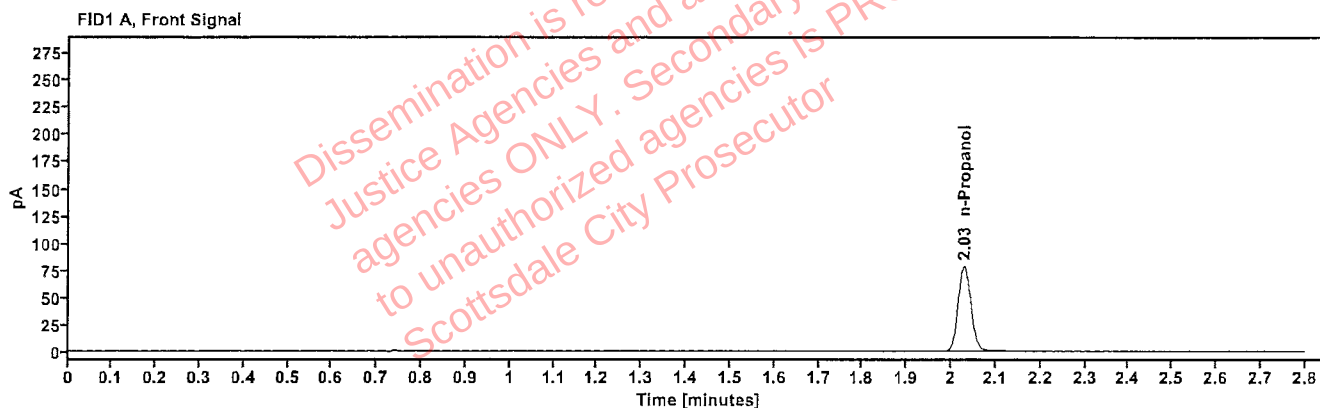


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.029	156.940

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

Compound	Time (min)	Peak Area
n-Propanol	2.452	170.260

Sequence Summary

Page 1 of 1

Sequence name: 30Apr25

Instrument: US14173023 CN14160045

Analyst: Abbott

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	0.020 calibrator	Calibration		ethanol quant.M
2	FN03072301	0.100 calibrator	Calibration		ethanol quant.M
3	FN03132302	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	111224WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	12052023-B	0.400	Control		ethanol quant.M
8	518018	0.040	Control		ethanol quant.M
9	4130622206/10	0.203	Control		ethanol quant.M
10	425-04E.P.		Sample		ethanol quant.M
11	425-04E.P.		Sample		ethanol quant.M
12	2506536-1		Sample		ethanol quant.M
13	2506536-1		Sample		ethanol quant.M
14	2507605-2		Sample		ethanol quant.M
15	2507605-2		Sample		ethanol quant.M
16	2508337-2		Sample		ethanol quant.M
17	2508337-2		Sample		ethanol quant.M
18	2420209-2		Sample		ethanol quant.M
19	2420209-2		Sample		ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	2508418-1		Sample		ethanol quant.M
22	2508418-1		Sample		ethanol quant.M
23	2508413-2		Sample		ethanol quant.M
24	2508413-2		Sample		ethanol quant.M
25	2508212-1		Sample		ethanol quant.M
26	2508212-1		Sample		ethanol quant.M
27	2508487-2		Sample		ethanol quant.M
28	2508487-2		Sample		ethanol quant.M
29	2508268-2		Sample		ethanol quant.M
30	2508268-2		Sample		ethanol quant.M
31	517758	0.100	Control		ethanol quant.M
32	2508608-2		Sample		ethanol quant.M
33	2508608-2		Sample		ethanol quant.M
34	2508558-2		Sample		ethanol quant.M
35	2508558-2		Sample		ethanol quant.M
36	0443-01J.C.		Sample		ethanol quant.M
37	0443-01J.C.		Sample		ethanol quant.M
38	326-01C.I.		Sample		ethanol quant.M
39	326-01C.I.		Sample		ethanol quant.M
40	438-01S.K.		Sample		ethanol quant.M
41	438-01S.K.		Sample		ethanol quant.M
42	12052023-B	0.400	Control		ethanol quant.M
43	518018	0.040	Control		ethanol quant.M
44	4130622206/10	0.203	Control		ethanol quant.M
45	032725AQ	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory

Summary of Cases

SEQUENCE NAME: 30Apr25

ANALYST: Abbott

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2344	0.2357	0.23505	0.28	0.00065
12 13	0.3130	0.3129	0.31295	0.02	0.00005
14 15	0.0000	0.0000	0.00000	0.00	0.00000
16 17	0.2615	0.2634	0.26245	0.36	0.00095
18 19	0.3148	0.3202	0.31750	0.85	0.00270
21 22	0.0383	0.0377	0.03800	0.79	0.00030
23 24	0.1103	0.1113	0.11080	0.45	0.00050
25 26	0.1670	0.1696	0.16830	0.77	0.00130
27 28	0.0915	0.0941	0.09280	1.40	0.00130
29 30	0.1854	0.1846	0.18500	0.22	0.00040
32 33	0.2302	0.2292	0.22970	0.22	0.00050
34 35	0.1821	0.1798	0.18095	0.64	0.00115
36 37	0.1932	0.1930	0.19310	0.05	0.00010
38 39	0.1852	0.1844	0.18480	0.22	0.00040
40 41	0.1942	0.1952	0.19470	0.26	0.00050

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

SEQUENCE: 30Apr25

Vial 1	Vial 2	Tube
425-04E.P.	425-04E.P.	425-04E.P.
2506536-1	2506536-1	2506536-1
2507605-2	2507605-2	2507605-2
2508337-2	2508337-2	2508337-2
2420209-2	2420209-2	2420209-2
2508418-1	2508418-1	2508418-1
2508413-2	2508413-2	2508413-2
2508212-1	2508212-1	2508212-1
2508487-2	2508487-2	2508487-2
2508268-2	2508268-2	2508268-2

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	425-04E.P.	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 4:56:52 PM
Data file:	C:\Chem32\1\Data\30Apr25\10.D	Analyst:	Abbott

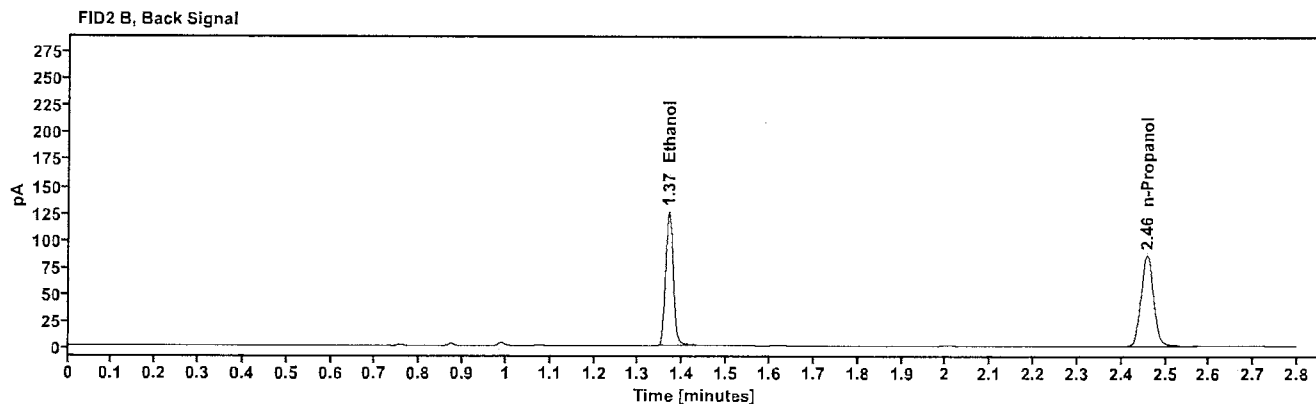
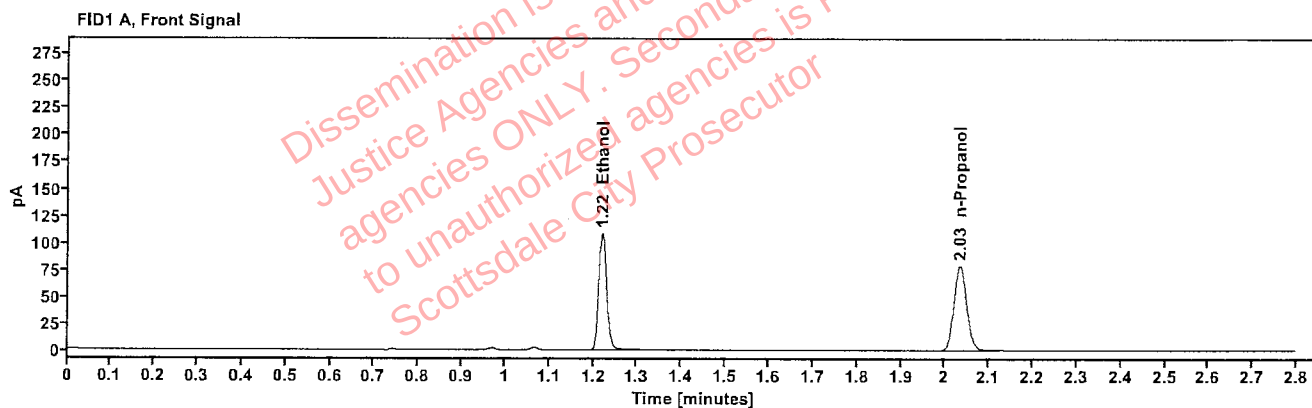


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2344	1.220	137.725
n-Propanol	-----	2.033	156.677

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

Compound	Time (min)	Peak Area
Ethanol	1.368	151.437
n-Propanol	2.457	170.297

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	425-04E.P.	Vial:	11
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 5:00:52 PM
Data file:	C:\Chem32\11\Data\30Apr25\11.D	Analyst:	Abbott

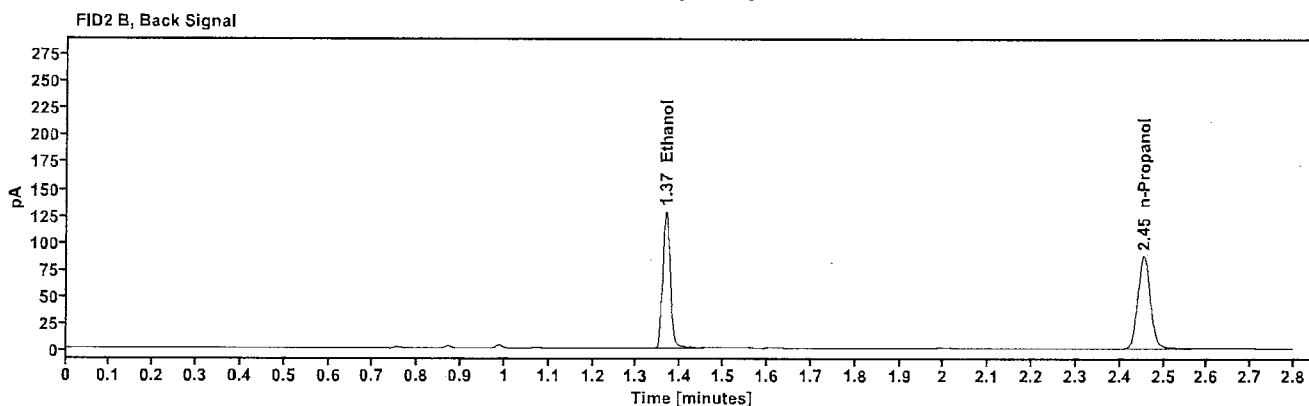
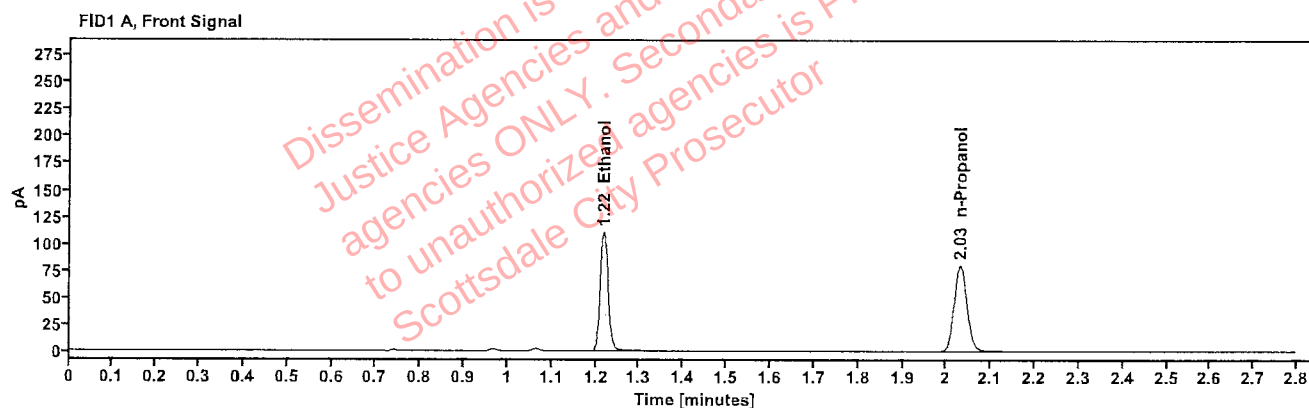


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2357	1.218	140.743
n-Propanol	-----	2.031	159.183

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

Compound	Time (min)	Peak Area
Ethanol	1.366	154.741
n-Propanol	2.454	172.742

[REDACTED]: Abbott, Lori - (01-May-2025)

Case: [REDACTED] User: LAbbott 5/1/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2506536-1	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 5:04:52 PM
Data file:	C:\Chem32\1\Data\30Apr25\12.D	Analyst:	Abbott

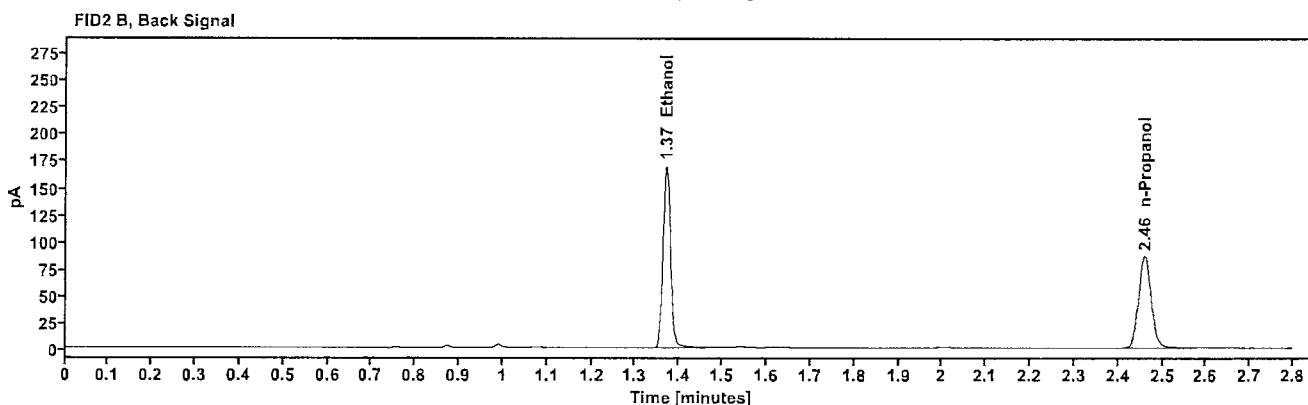
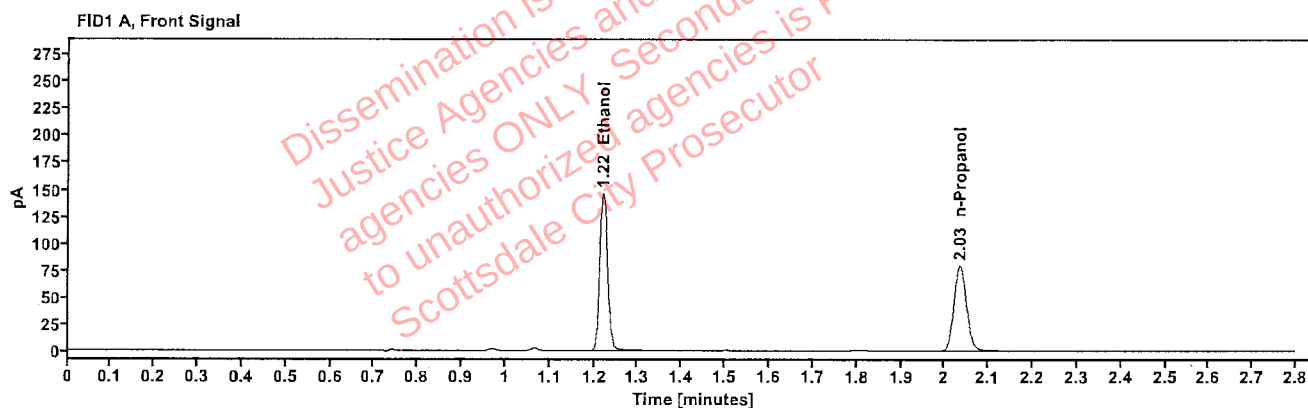


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3130	1.220	185.970
n-Propanol	-----	2.034	158.137

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

Compound	Time (min)	Peak Area
Ethanol	1.369	204.447
n-Propanol	2.459	171.533

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2506536-1	Vial:	13
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 5:09:07 PM
Data file:	C:\Chem32\1\Data\30Apr25\13.D	Analyst:	Abbott

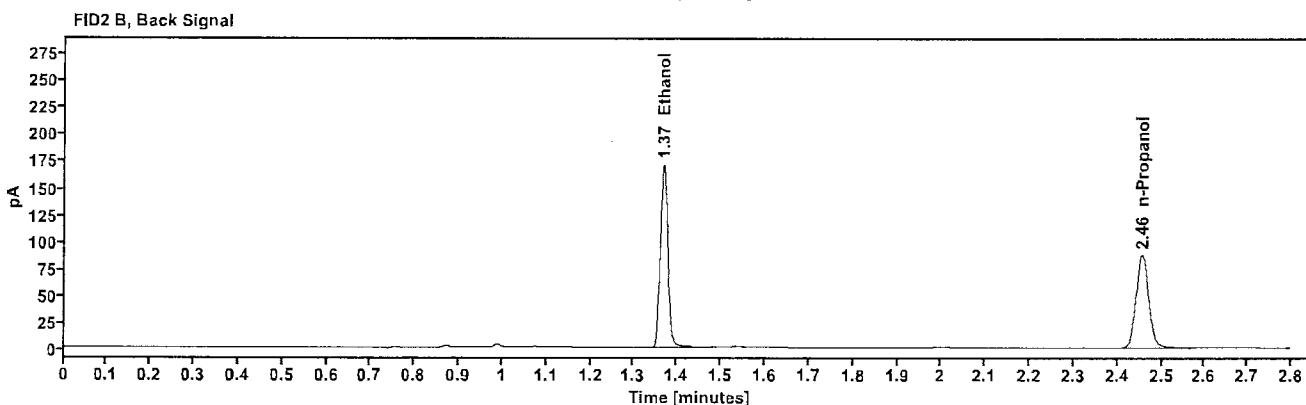
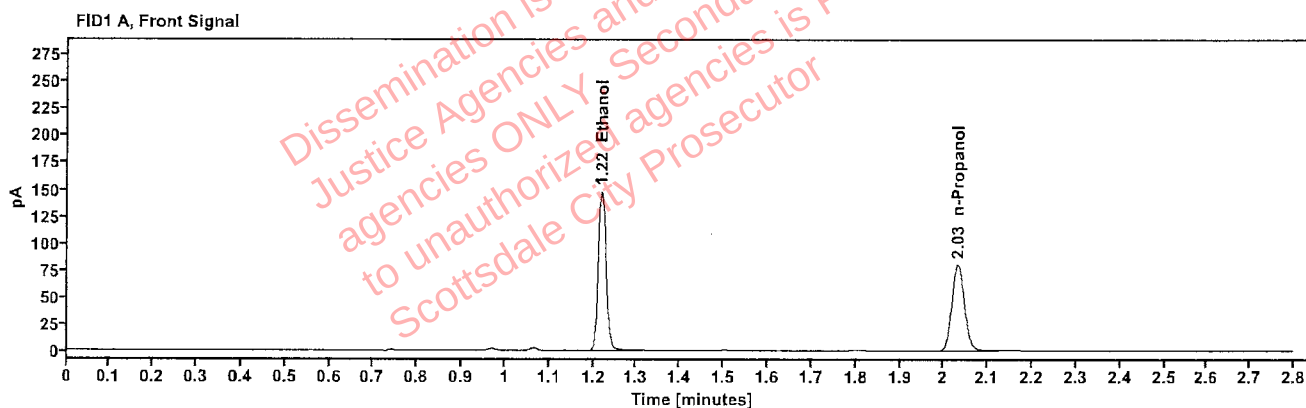


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3129	1.219	187.710
n-Propanol	-----	2.032	159.665

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

Compound	Time (min)	Peak Area
Ethanol	1.368	206.619
n-Propanol	2.456	173.360

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2507605-2	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 5:13:08 PM
Data file:	C:\Chem32\1\Data\30Apr25\14.D	Analyst:	Abbott

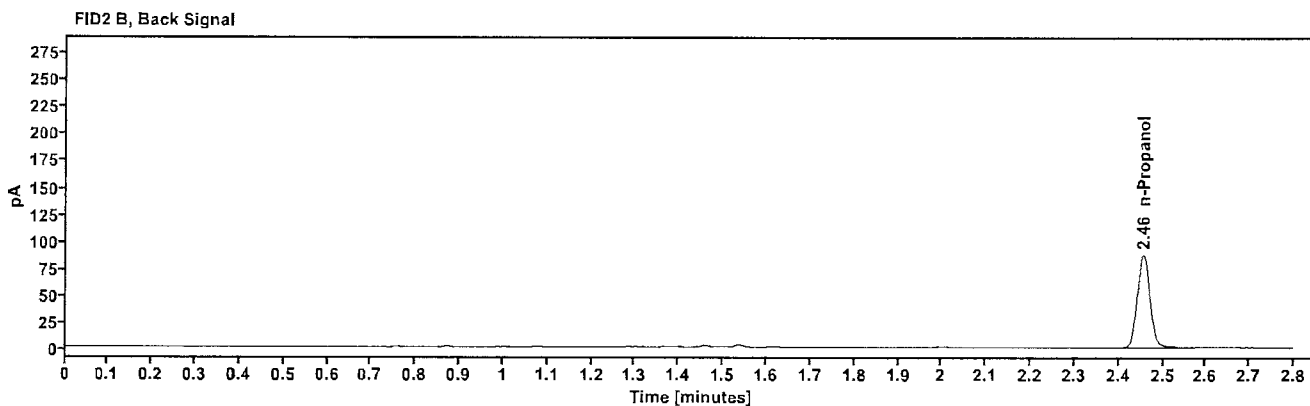
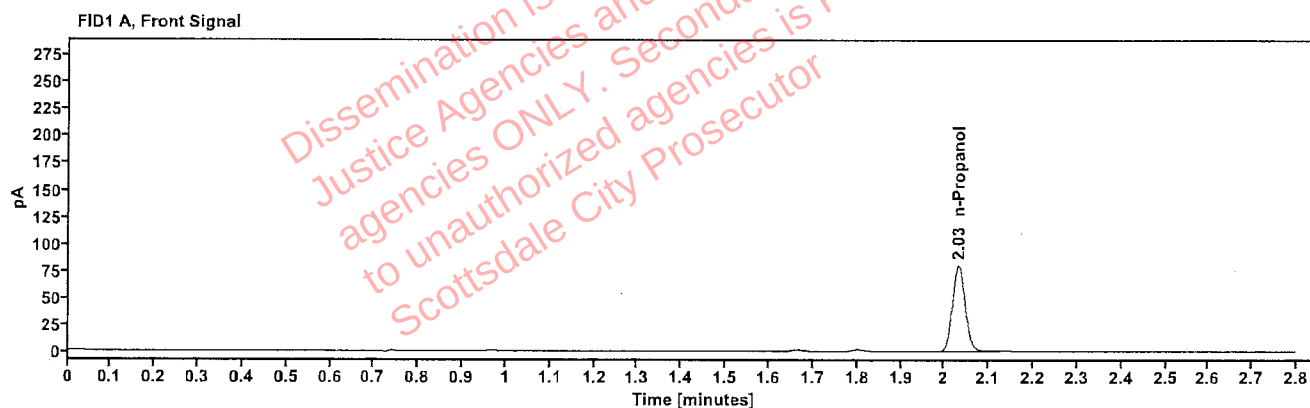


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.031	159.687

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

Compound	Time (min)	Peak Area
n-Propanol	2.456	173.810

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2507605-2	Vial:	15
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 5:17:07 PM
Data file:	C:\Chem32\1\Data\30Apr25\15.D	Analyst:	Abbott

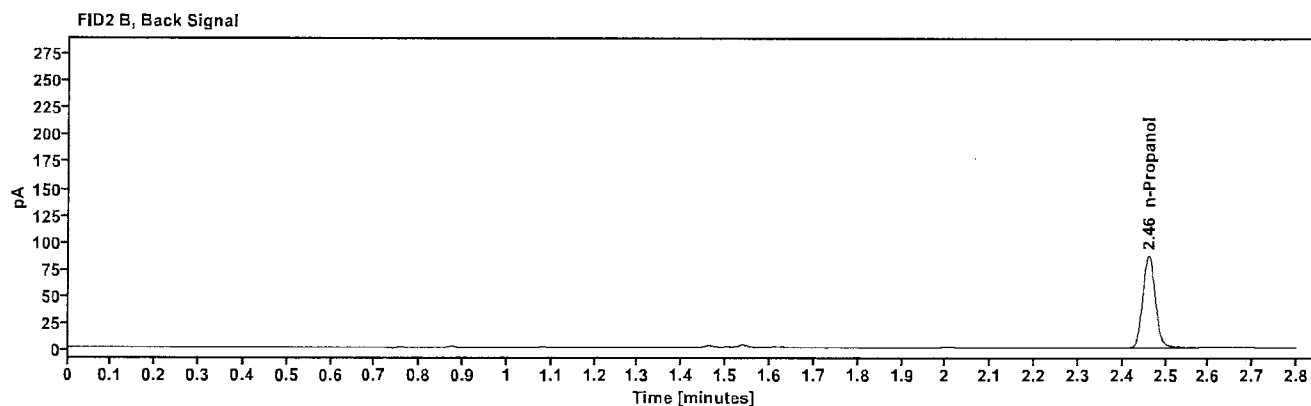
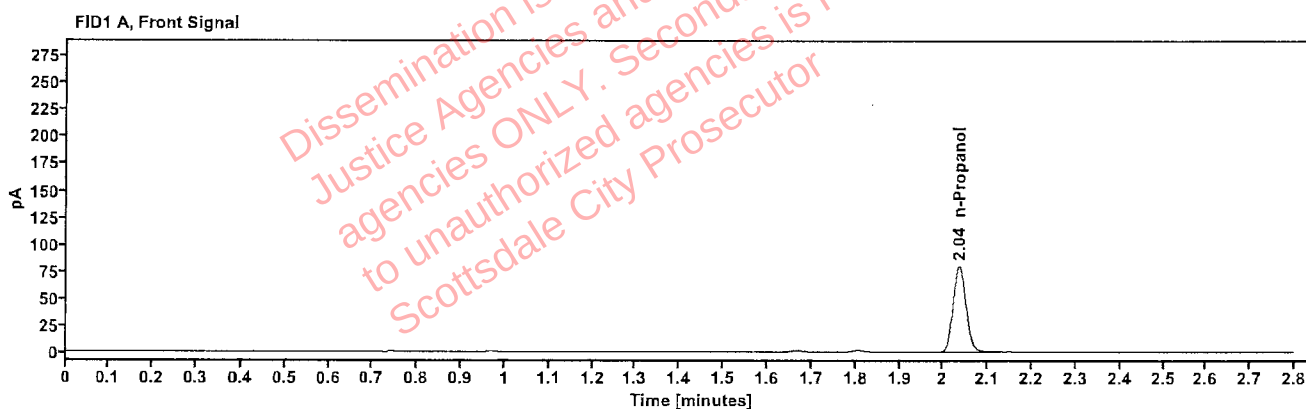


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.035	159.160

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

Compound	Time (min)	Peak Area
n-Propanol	2.460	173.190

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508337-2	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 5:21:08 PM
Data file:	C:\Chem32\1\Data\30Apr25\16.D	Analyst:	Abbott

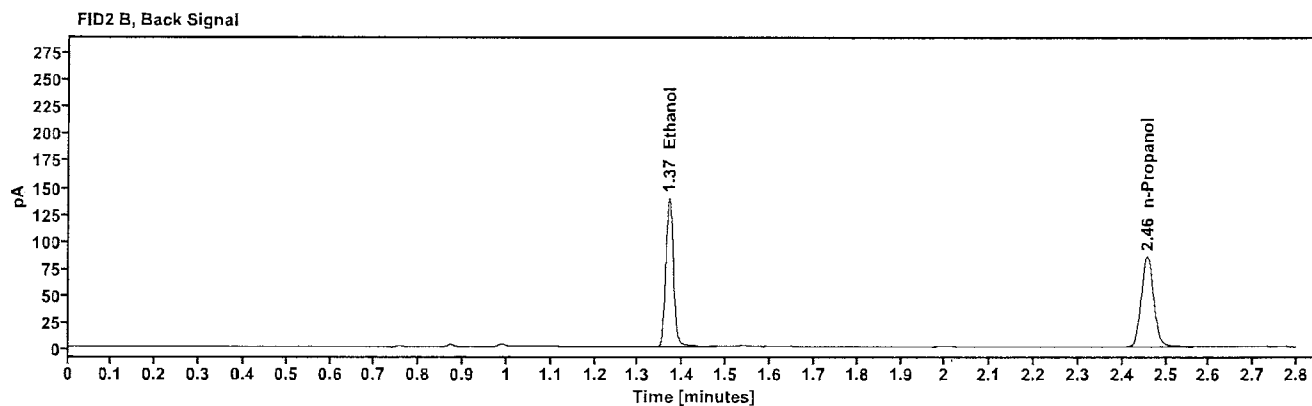
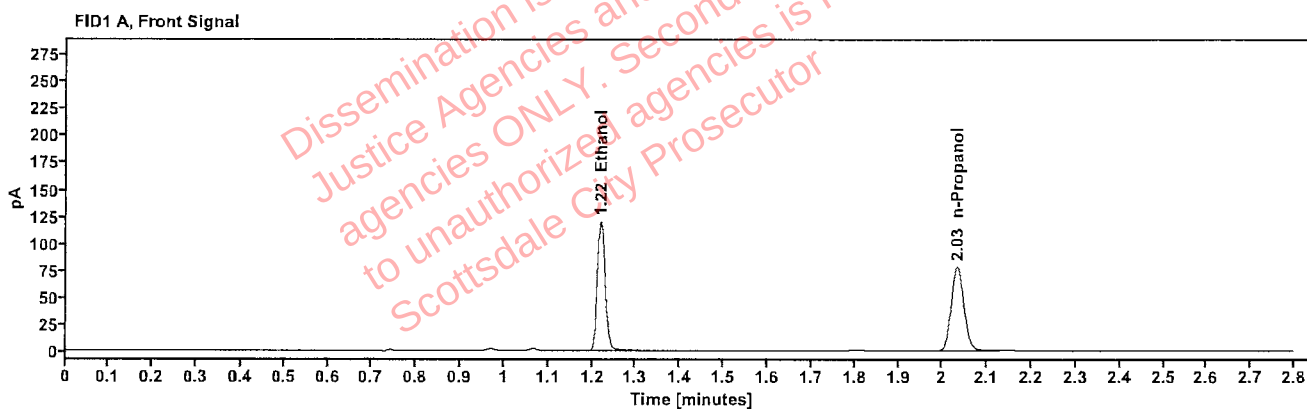


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2615	1.220	152.640
n-Propanol	-----	2.033	155.542

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

Compound	Time (min)	Peak Area
Ethanol	1.368	168.033
n-Propanol	2.457	168.508

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508337-2	Vial:	17
Description:		LIMS ID:	
Method:	ethanol quant.m	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 5:25:07 PM
Data file:	C:\Chem32\1\Data\30Apr25\17.D	Analyst:	Abbott

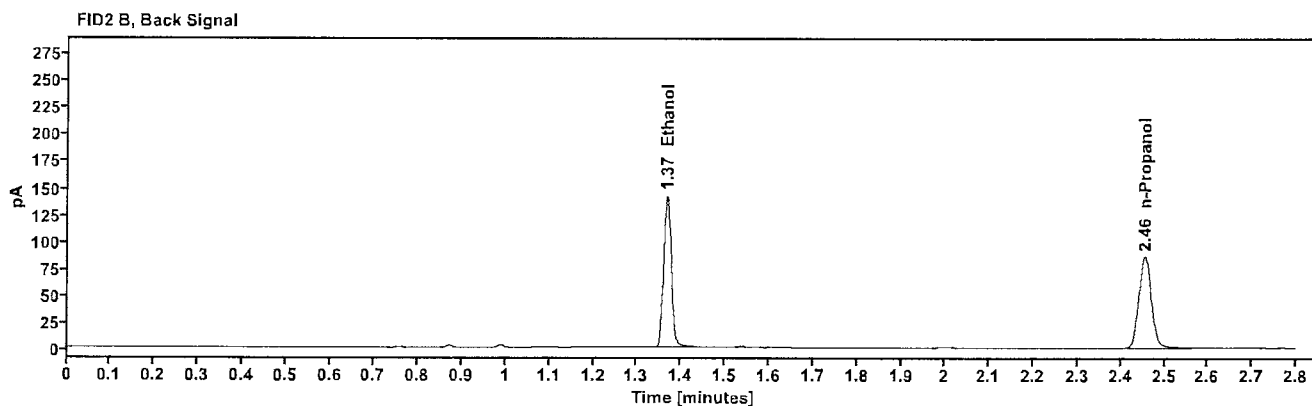
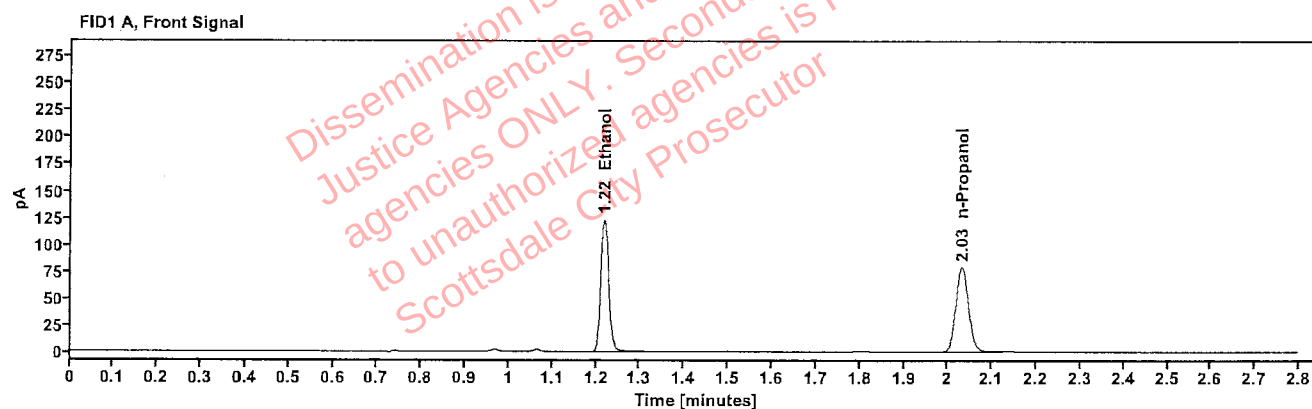


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2634	1.218	156.352
n-Propanol	-----	2.031	158.142

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

Compound	Time (min)	Peak Area
Ethanol	1.367	171.969
n-Propanol	2.455	171.285

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2420209-2	Vial:	18
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 5:29:08 PM
Data file:	C:\Chem32\1\Data\30Apr25\18.D	Analyst:	Abbott

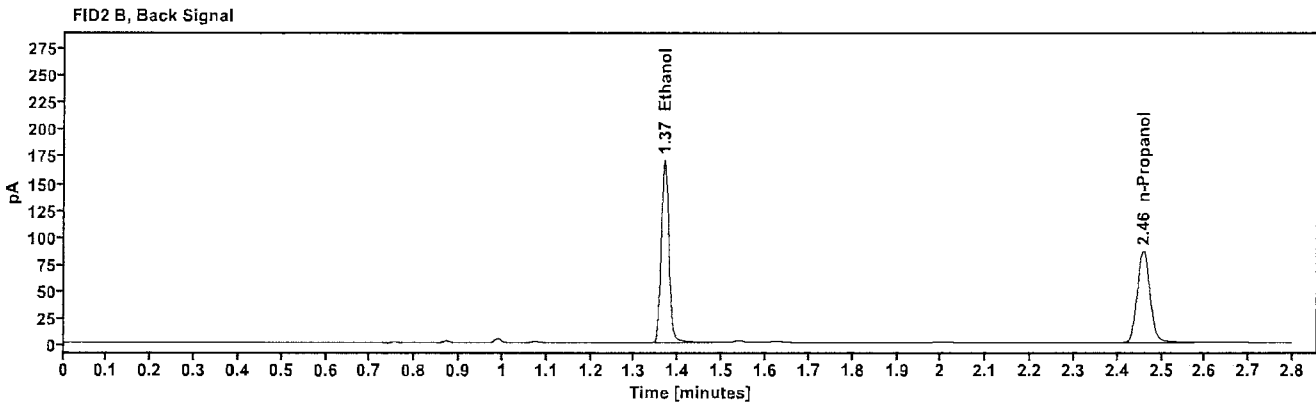
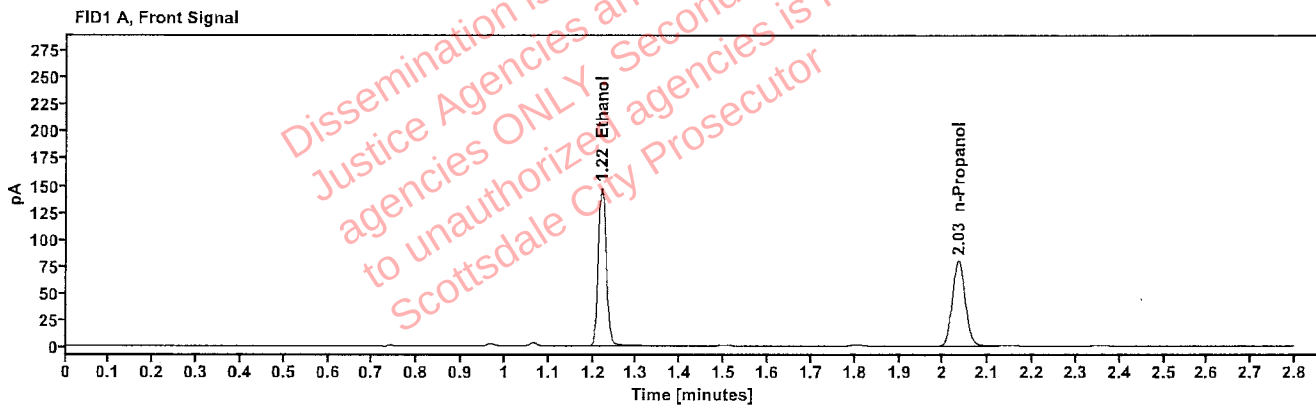


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3148	1.219	187.349
n-Propanol	-----	2.034	158.377

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

Compound	Time (min)	Peak Area
Ethanol	1.368	207.793
n-Propanol	2.458	172.436

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2420209-2	Vial:	19
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 5:33:23 PM
Data file:	C:\Chem32\1\Data\30Apr25\19.D	Analyst:	Abbott

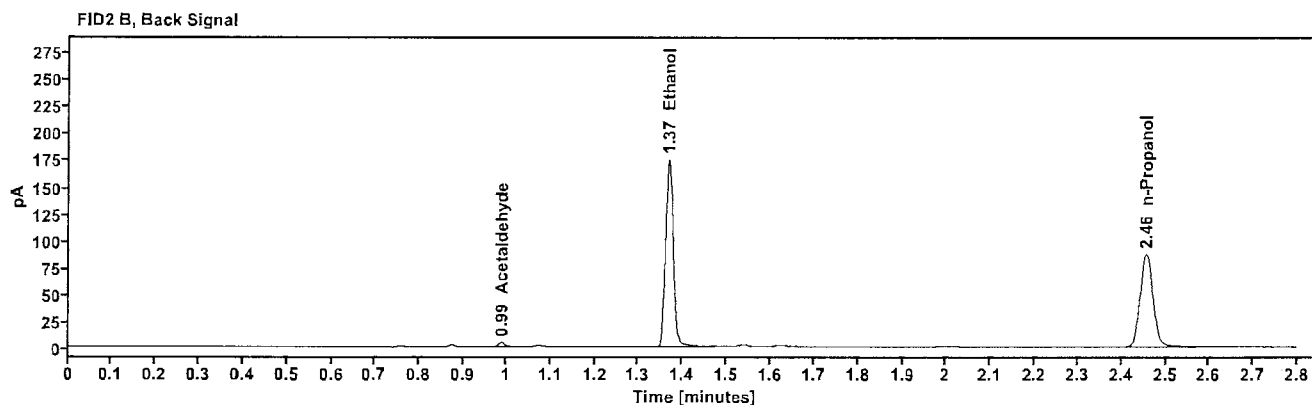
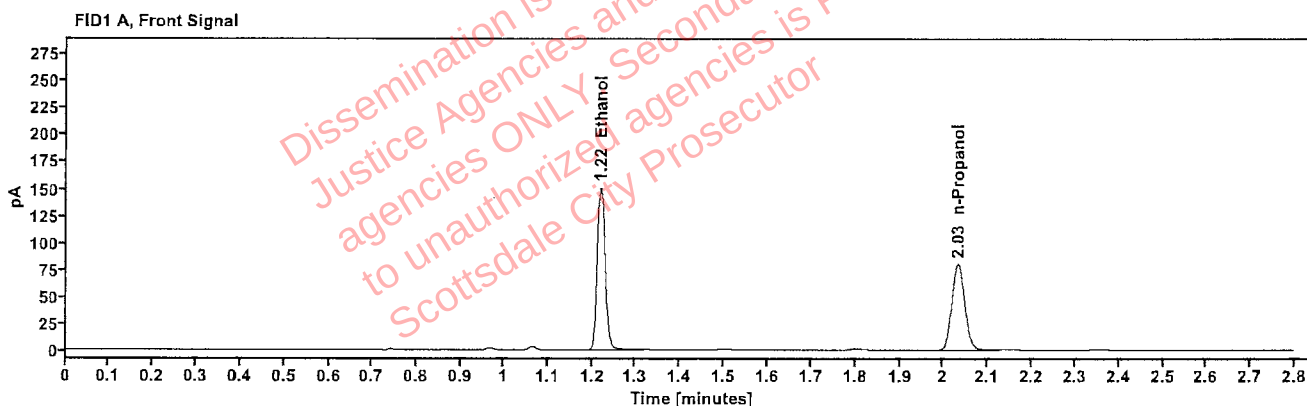


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3202	1.219	191.894
n-Propanol	---	2.032	159.472

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.989	3.763
Ethanol	1.368	212.362
n-Propanol	2.457	173.439

[REDACTED] : Abbott, Lori - (01-May-2025)

Case: [REDACTED] User: LAbbott 5/1/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508418-1	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 5:41:22 PM
Data file:	C:\Chem32\1\Data\30Apr25\21.D	Analyst:	Abbott

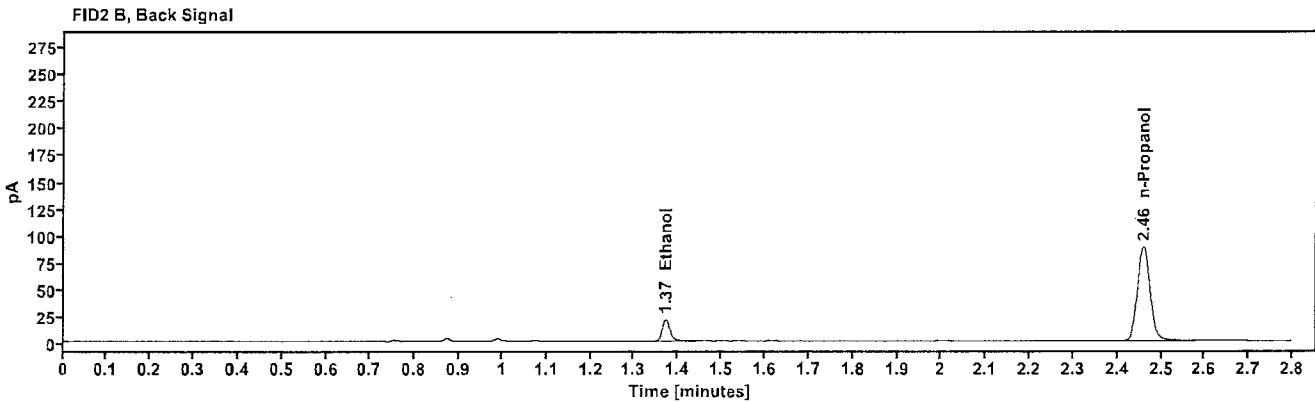
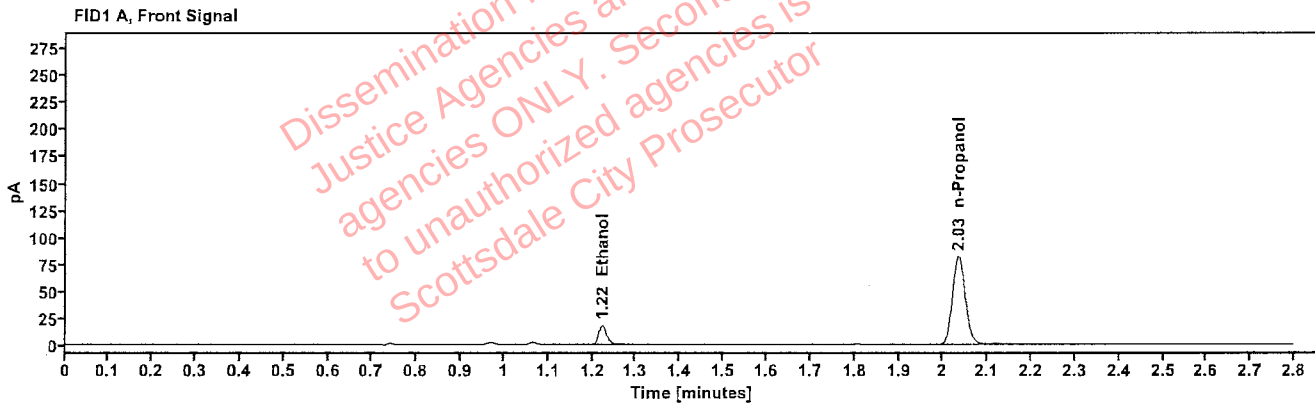


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0383	1.222	22.591
n-Propanol	-----	2.034	162.646

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

Compound	Time (min)	Peak Area
Ethanol	1.371	25.125
n-Propanol	2.459	176.912

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508418-1	Vial:	22
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 5:45:23 PM
Data file:	C:\Chem32\1\Data\30Apr25\22.D	Analyst:	Abbott

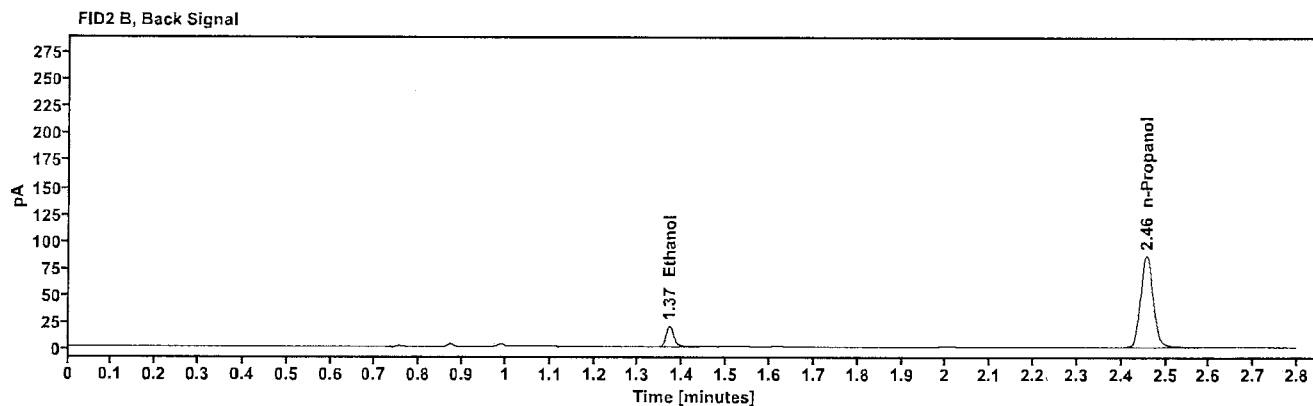
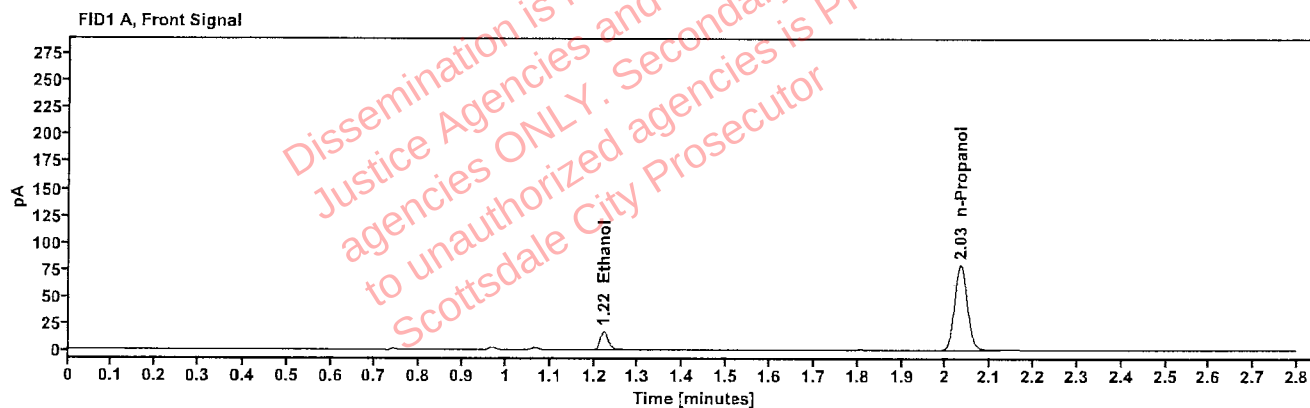


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0377	1.222	21.573
n-Propanol	—	2.033	157.892

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

Compound	Time (min)	Peak Area
Ethanol	1.370	24.009
n-Propanol	2.457	171.646

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508413-2	Vial:	23
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 5:49:22 PM
Data file:	C:\Chem32\1\Data\30Apr25\23.D	Analyst:	Abbott

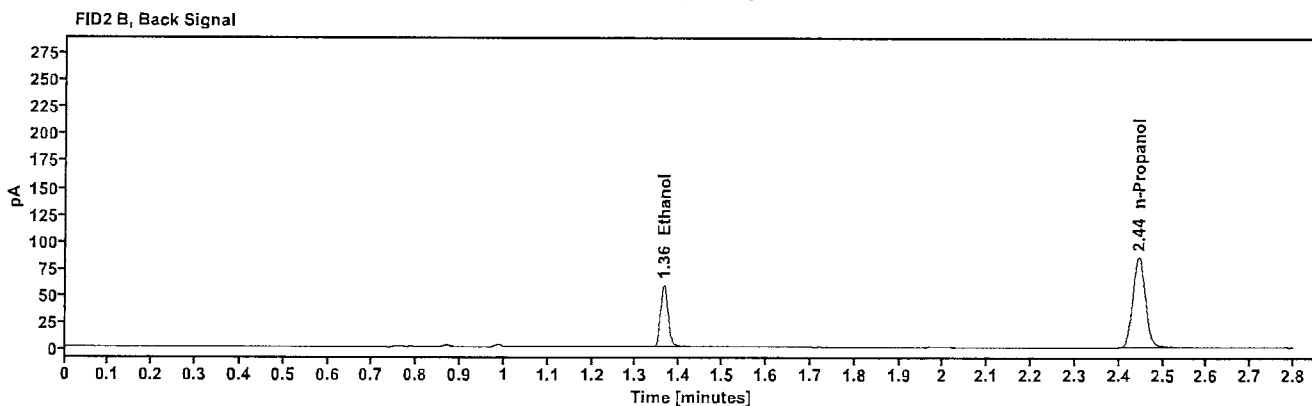
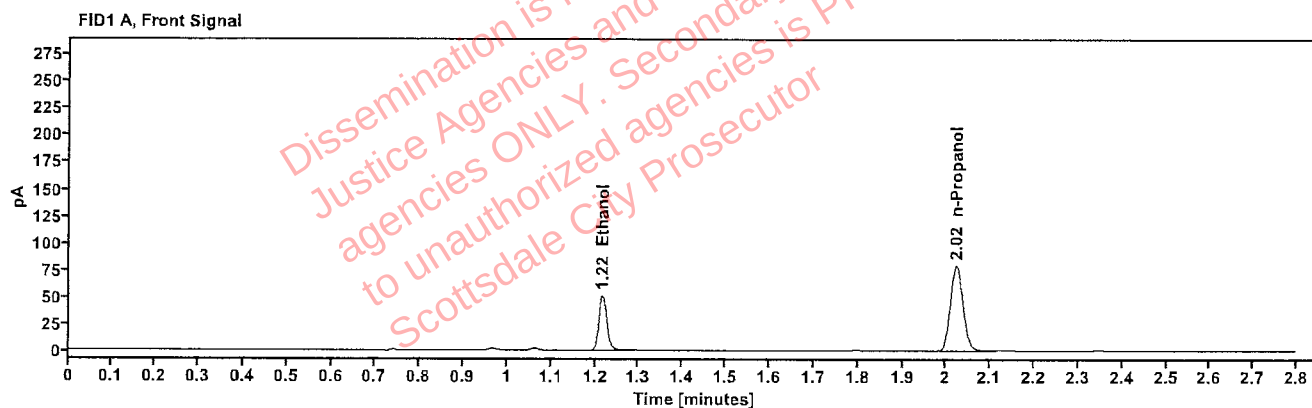


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1103	1.216	64.674
n-Propanol	-----	2.023	157.519

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

Compound	Time (min)	Peak Area
Ethanol	1.364	70.504
n-Propanol	2.445	170.803

Abbott, Lori - (01-May-2025)

Case: User: LAbbott 5/1/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508413-2	Vial:	24
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 5:53:23 PM
Data file:	C:\Chem32\1\Data\30Apr25\24.D	Analyst:	Abbott

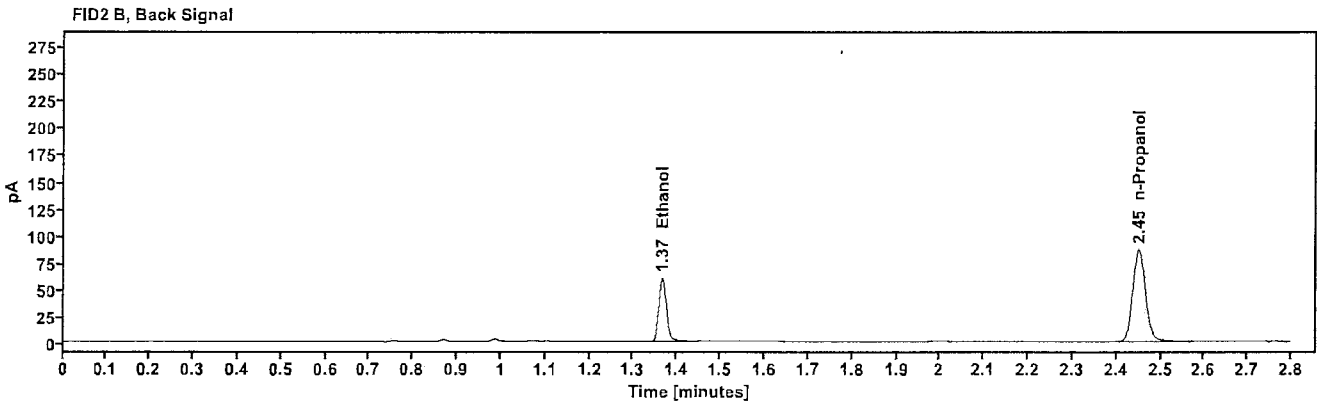
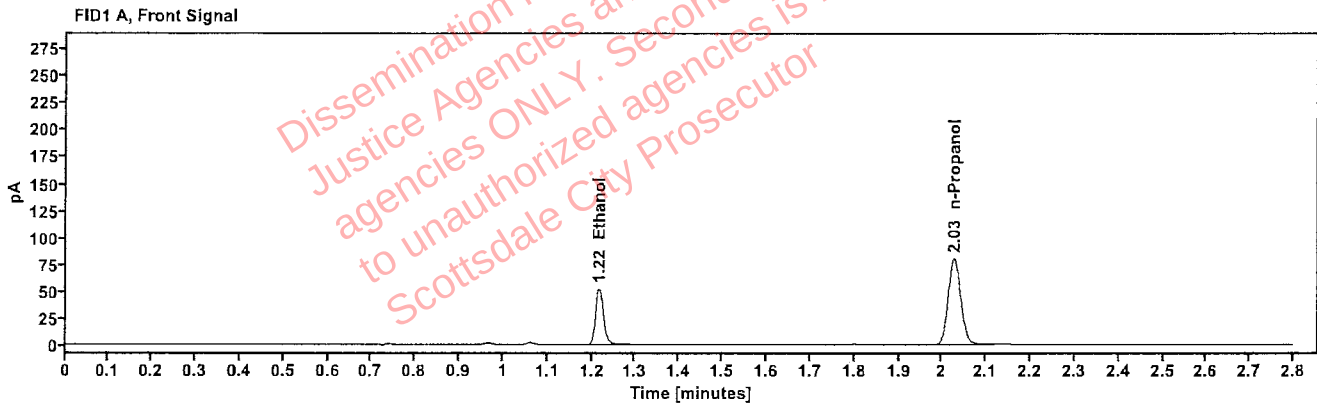


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1113	1.217	66.407
n-Propanol	-----	2.027	160.313

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

Compound	Time (min)	Peak Area
Ethanol	1.365	72.781
n-Propanol	2.451	174.037

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508212-1	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 5:57:38 PM
Data file:	C:\Chem32\1\Data\30Apr25\25.D	Analyst:	Abbott

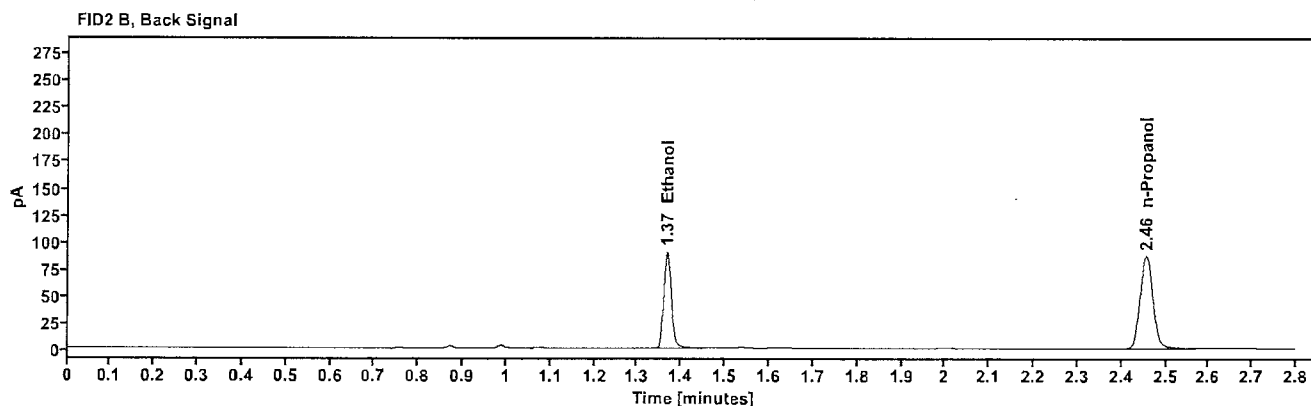
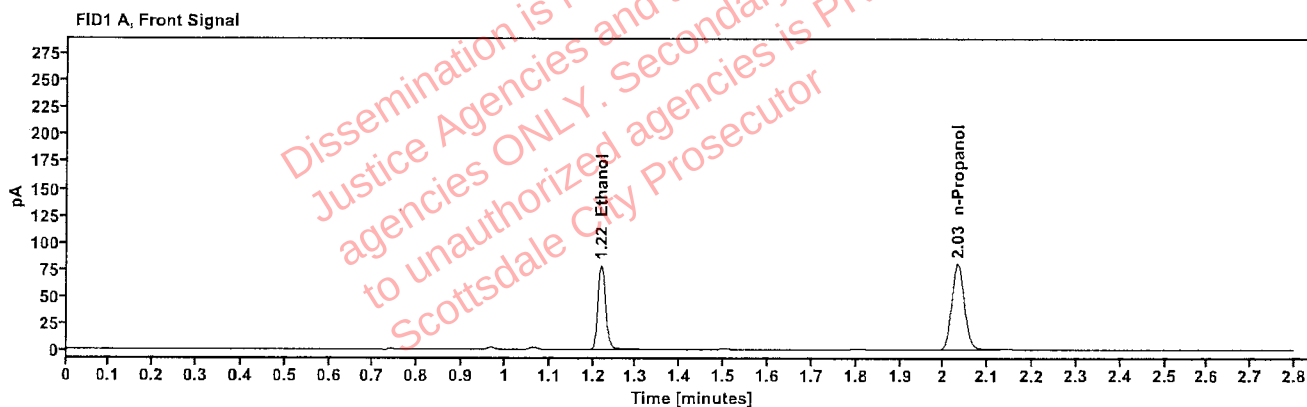


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1670	1.219	99.772
n-Propanol	—	2.032	159.707

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

Compound	Time (min)	Peak Area
Ethanol	1.367	109.373
n-Propanol	2.456	172.979

[REDACTED]: Abbott, Lori - (01-May-2025)

Case: [REDACTED] User: LAbbott 5/1/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508212-1	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 6:01:38 PM
Data file:	C:\Chem32\1\Data\30Apr25\26.D	Analyst:	Abbott

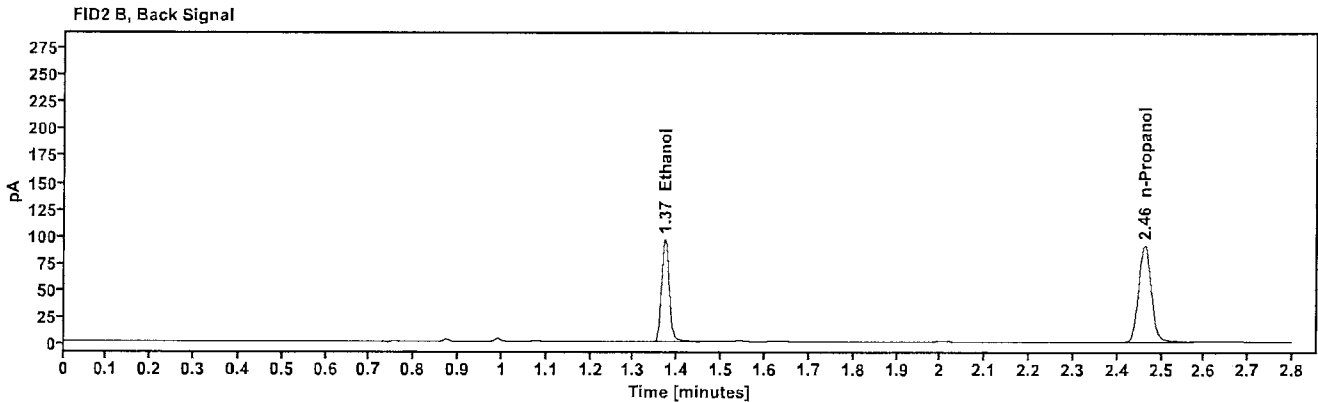
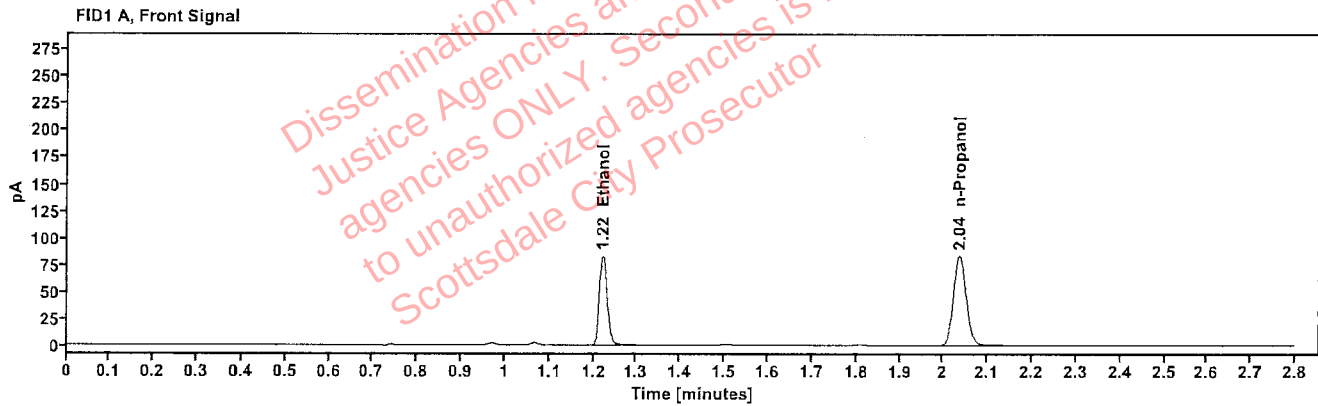


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1696	1.222	106.020
n-Propanol	-----	2.036	167.048

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

Compound	Time (min)	Peak Area
Ethanol	1.371	116.349
n-Propanol	2.461	181.044

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508487-2	Vial:	27
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 6:05:38 PM
Data file:	C:\Chem32\1\Data\30Apr25\27.D	Analyst:	Abbott

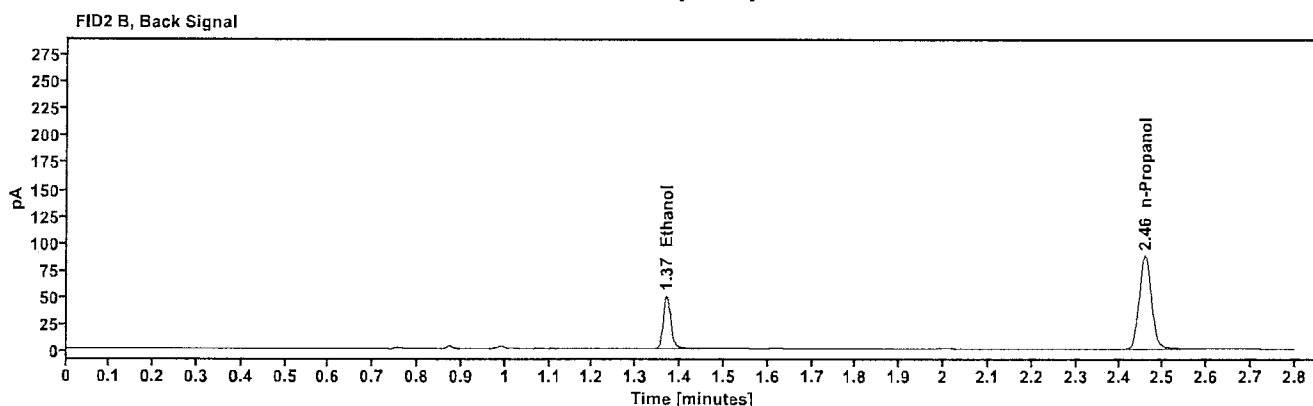
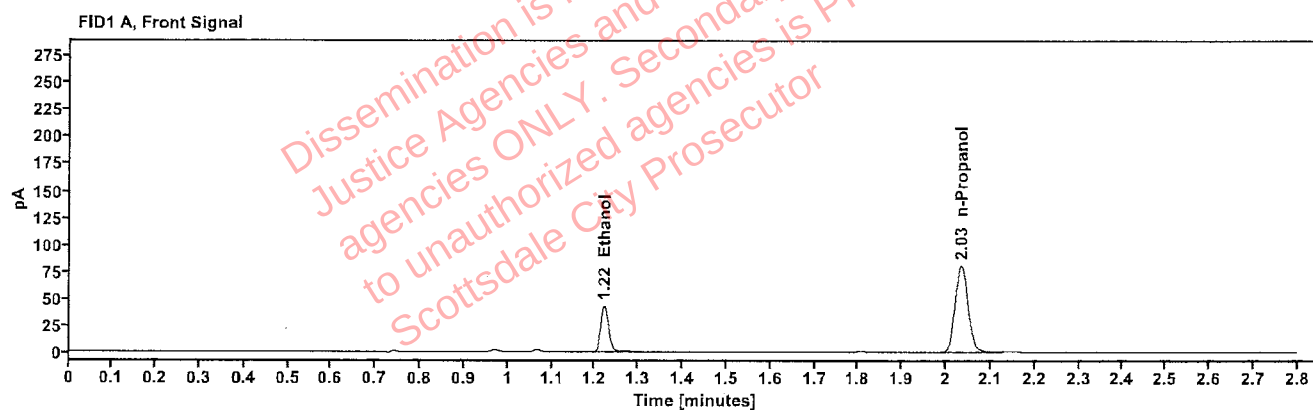


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0915	1.221	54.559
n-Propanol	-----	2.034	160.601

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

Compound	Time (min)	Peak Area
Ethanol	1.369	59.591
n-Propanol	2.458	174.601

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508487-2	Vial:	28
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 6:09:37 PM
Data file:	C:\Chem32\1\Data\30Apr25\28.D	Analyst:	Abbott

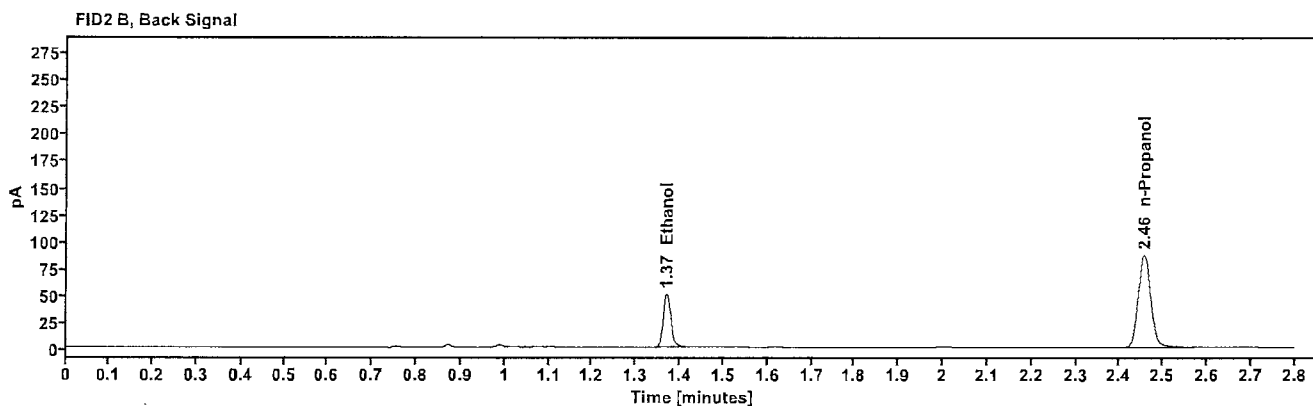
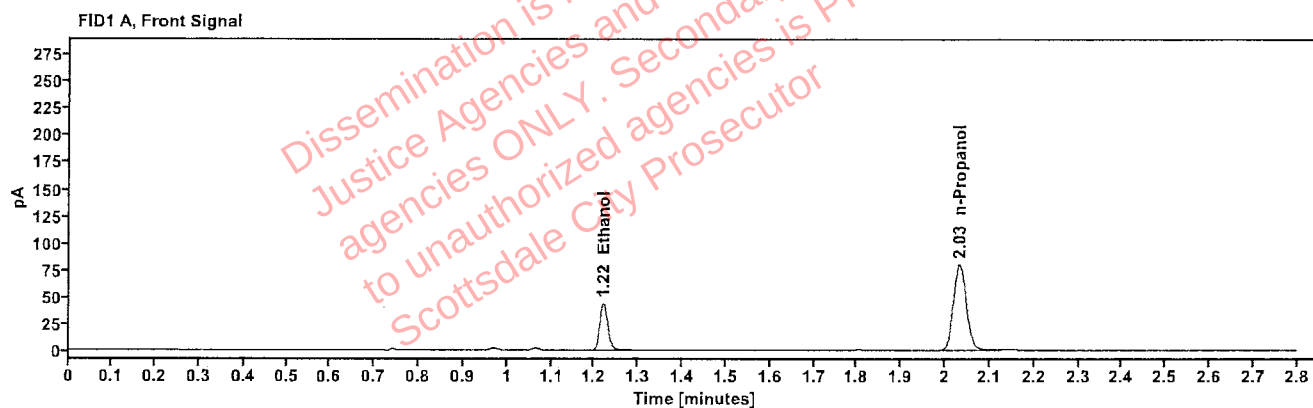


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0941	1.220	55.760
n-Propanol	---	2.032	159.609

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

Compound	Time (min)	Peak Area
Ethanol	1.369	60.760
n-Propanol	2.456	173.247

Abbott, Lori - (01-May-2025)

Case: User: LAbbott 5/1/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508268-2	Vial:	29
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 6:13:38 PM
Data file:	C:\Chem32\1\Data\30Apr25\29.D	Analyst:	Abbott

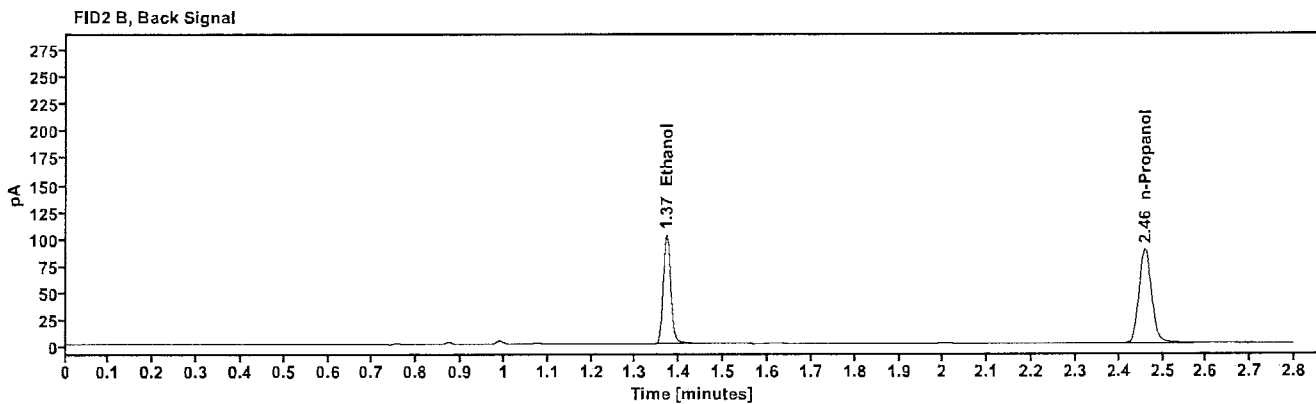
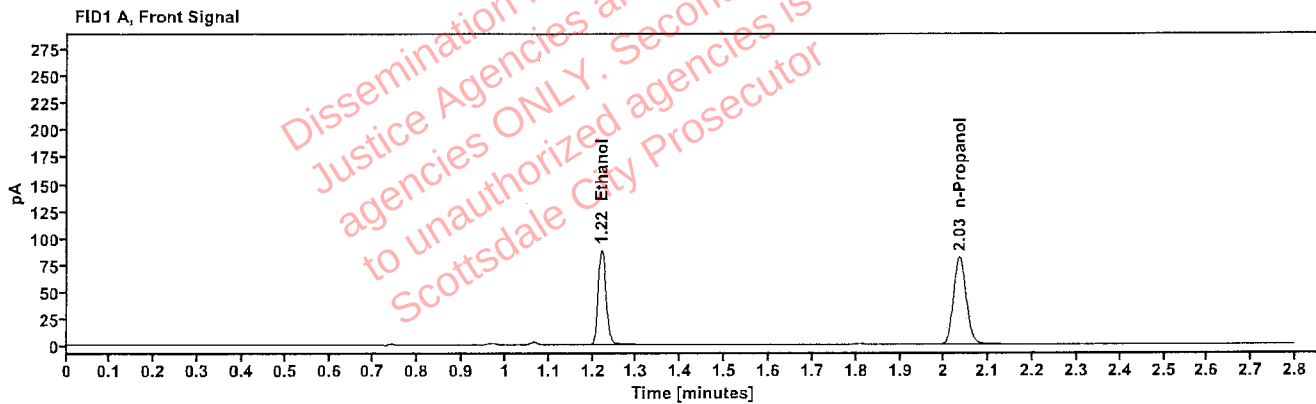


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1854	1.221	112.410
n-Propanol	-----	2.034	161.933

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

Compound	Time (min)	Peak Area
Ethanol	1.370	123.271
n-Propanol	2.459	175.707

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508268-2	Vial:	30
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 6:17:37 PM
Data file:	C:\Chem32\1\Data\30Apr25\30.D	Analyst:	Abbott

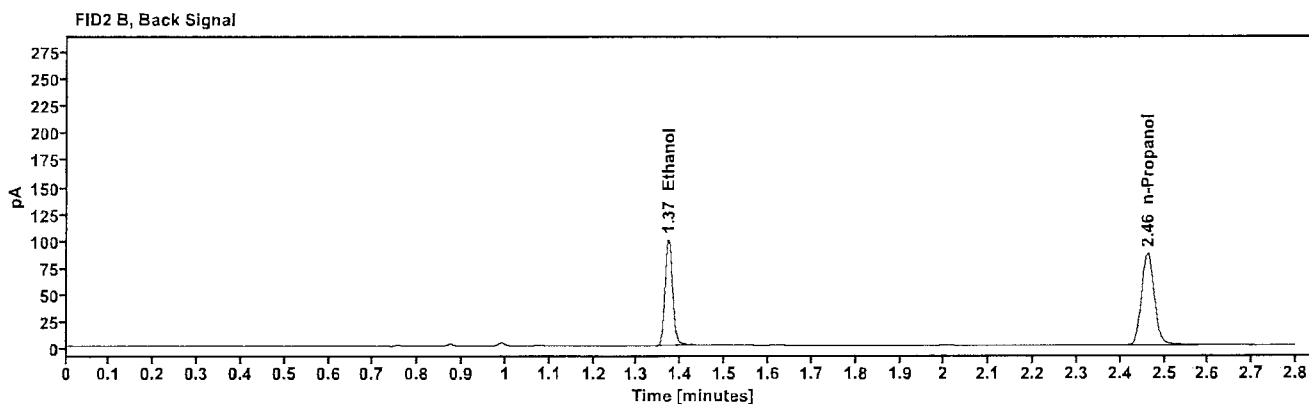
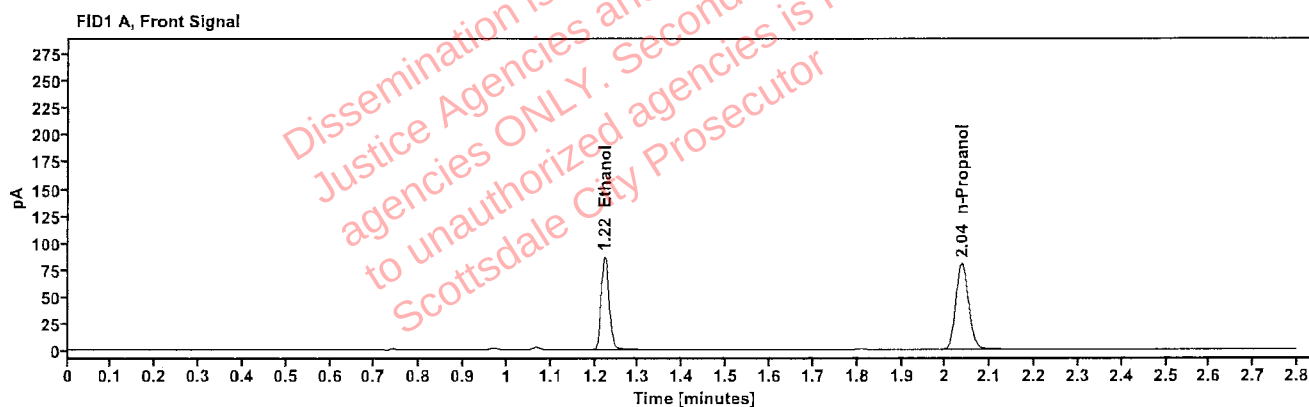


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1846	1.222	110.155
n-Propanol	-----	2.036	159.417

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

Compound	Time (min)	Peak Area
Ethanol	1.371	120.665
n-Propanol	2.462	172.955

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508608-2	Vial:	32
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 6:25:52 PM
Data file:	C:\Chem32\1\Data\30Apr25\32.D	Analyst:	Abbott

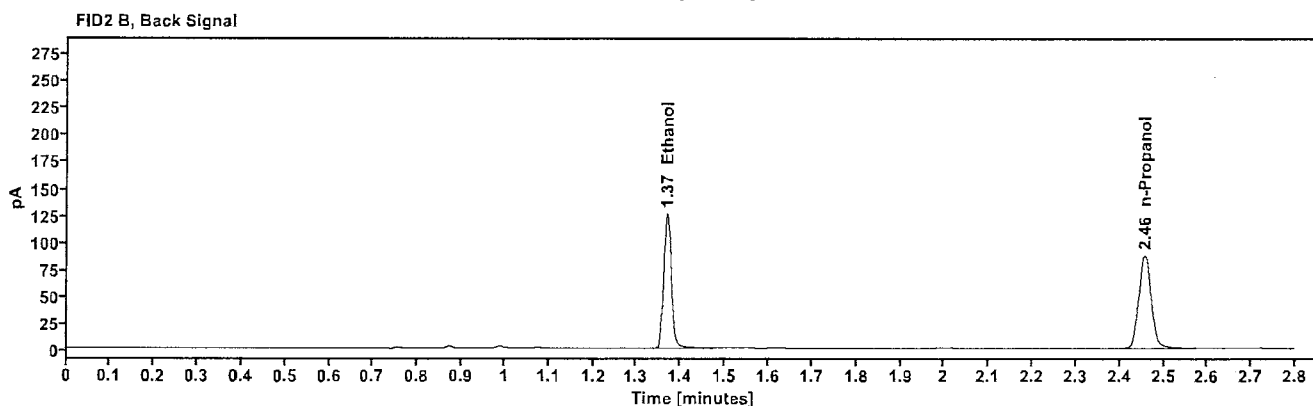
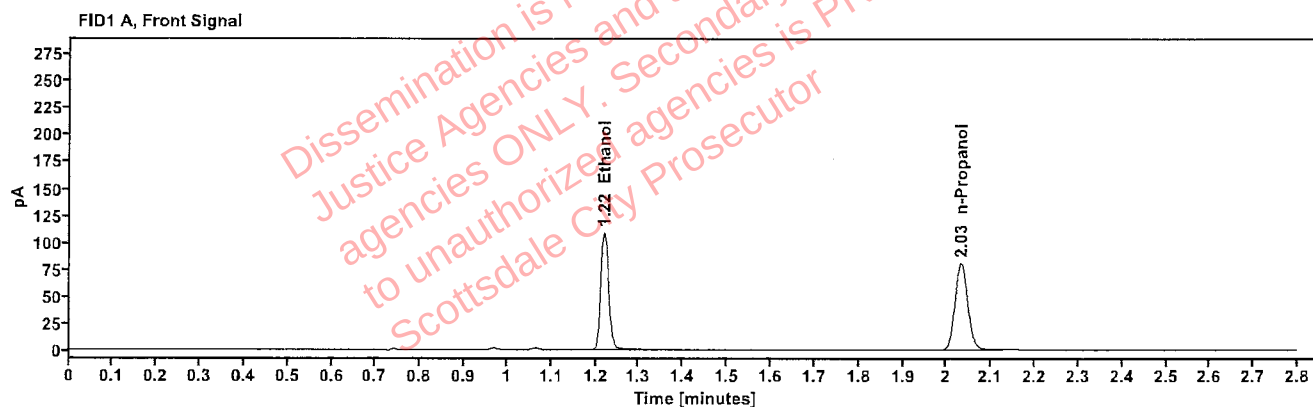


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2302	1.219	138.962
n-Propanol	-----	2.032	160.953

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

Compound	Time (min)	Peak Area
Ethanol	1.368	152.863
n-Propanol	2.457	174.478

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508608-2	Vial:	33
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 6:29:53 PM
Data file:	C:\Chem32\1\Data\30Apr25\33.D	Analyst:	Abbott

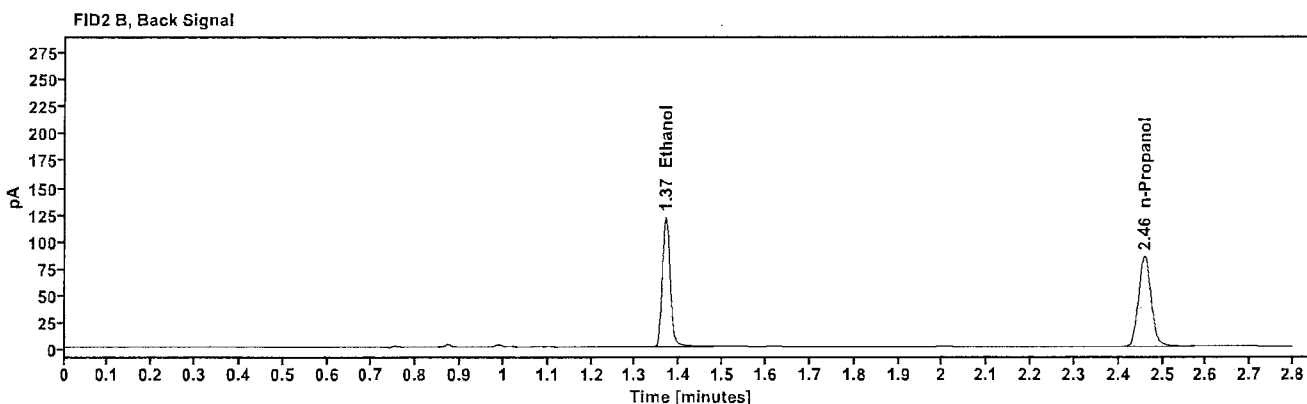
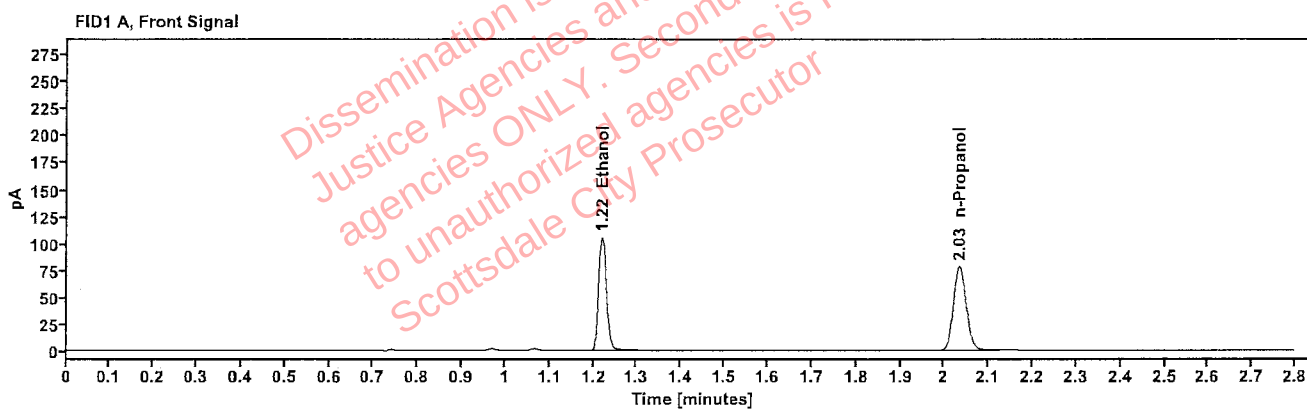


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2292	1.220	133.944
n-Propanol	-----	2.034	155.797

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

Compound	Time (min)	Peak Area
Ethanol	1.369	147.284
n-Propanol	2.459	168.728

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508558-2	Vial:	34
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 6:33:53 PM
Data file:	C:\Chem32\1\Data\30Apr25\34.D	Analyst:	Abbott

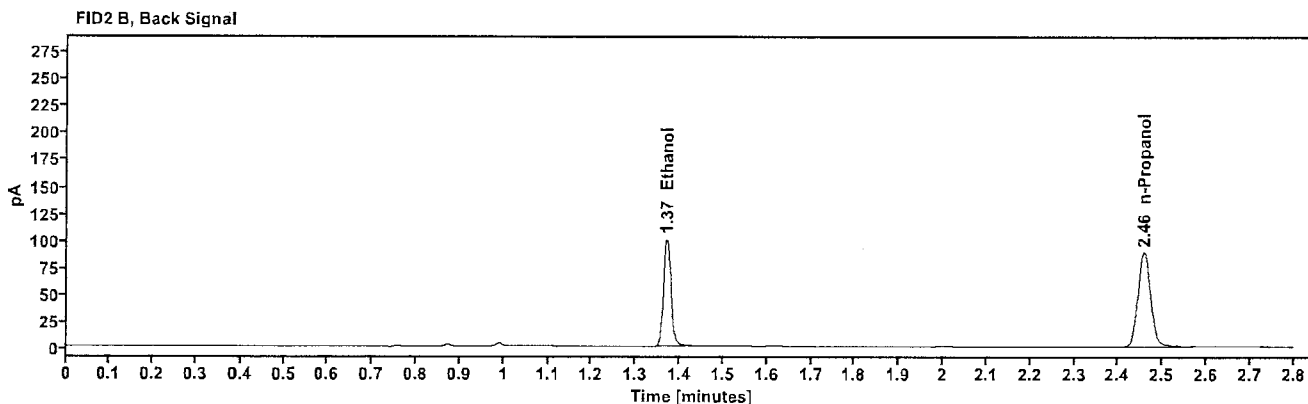
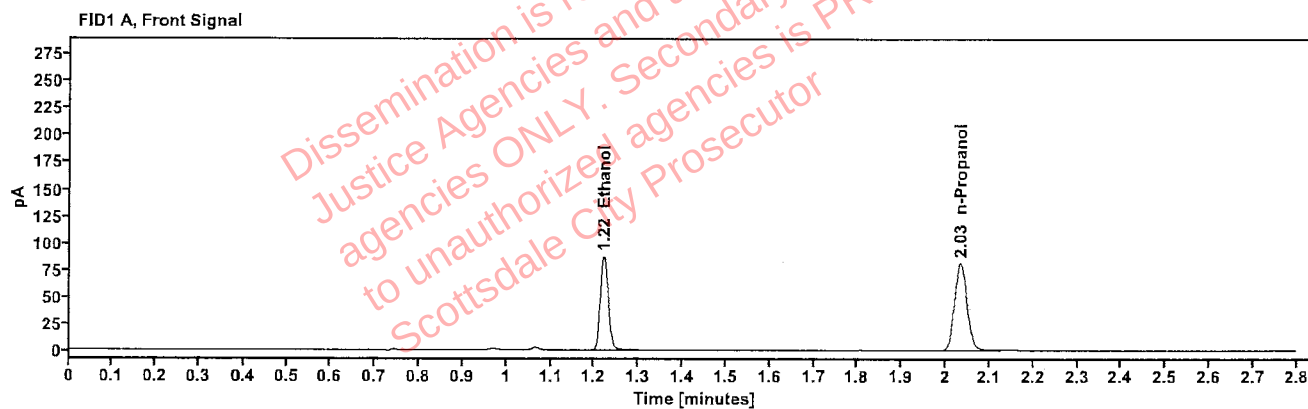


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1821	1.221	110.766
n-Propanol	-----	2.033	162.455

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

Compound	Time (min)	Peak Area
Ethanol	1.370	121.180
n-Propanol	2.458	175.933

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508558-2	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 6:37:53 PM
Data file:	C:\Chem32\1\Data\30Apr25\35.D	Analyst:	Abbott

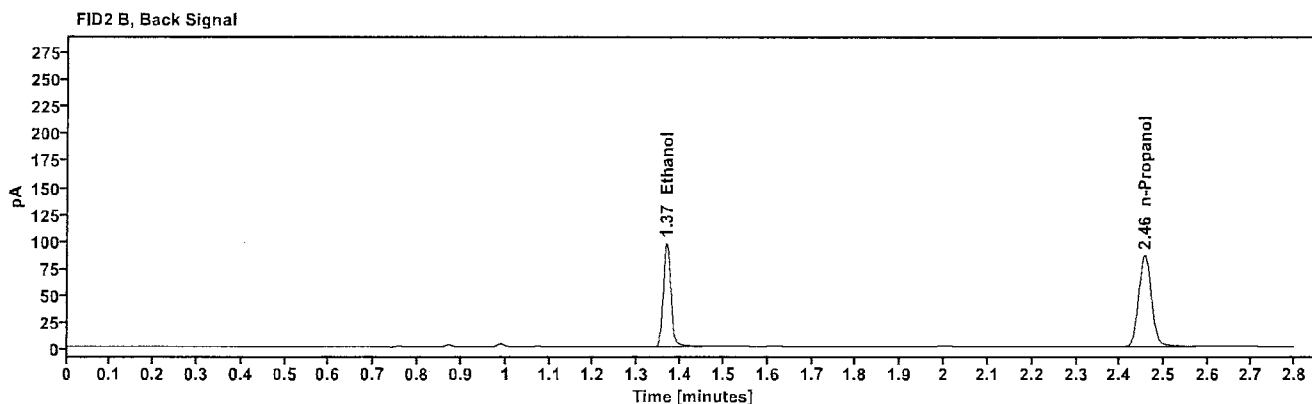
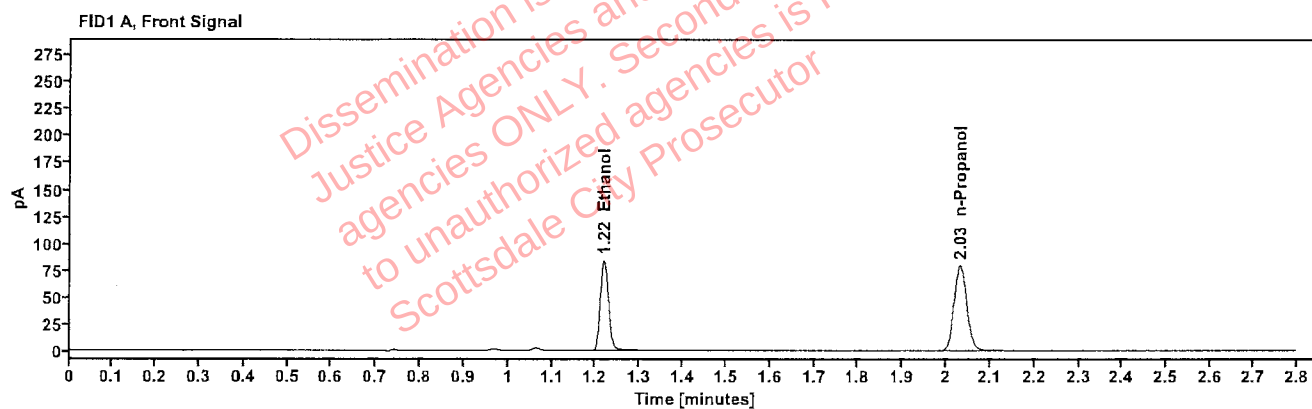


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1798	1.219	106.940
n-Propanol	-----	2.031	158.902

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

Compound	Time (min)	Peak Area
Ethanol	1.367	117.256
n-Propanol	2.455	172.114

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0443-01J.C.	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 6:41:53 PM
Data file:	C:\Chem32\1\Data\30Apr25\36.D	Analyst:	Abbott

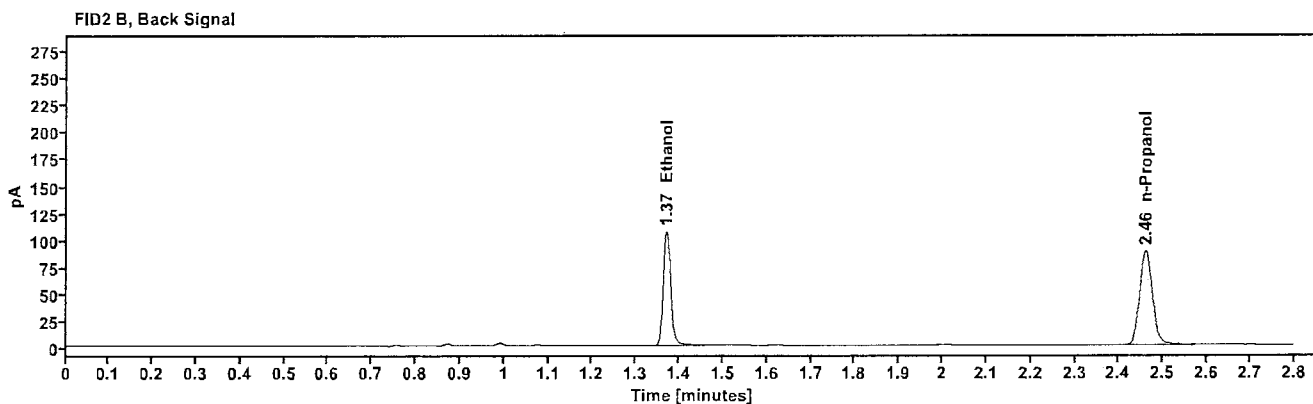
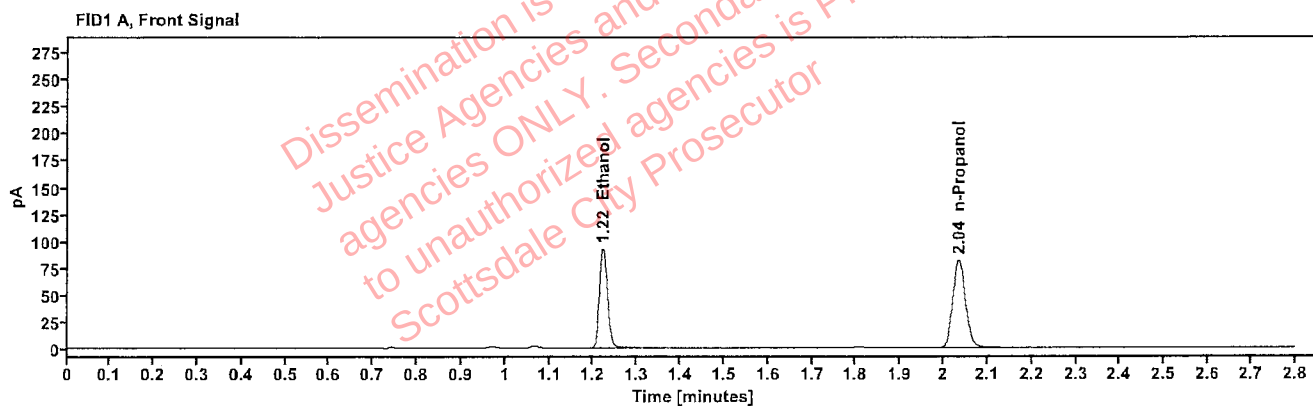


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1932	1.221	117.867
n-Propanol	-----	2.035	162.865

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

Compound	Time (min)	Peak Area
Ethanol	1.370	129.341
n-Propanol	2.460	176.498

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0443-01J.C.	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 6:46:07 PM
Data file:	C:\Chem32\1\Data\30Apr25\37.D	Analyst:	Abbott

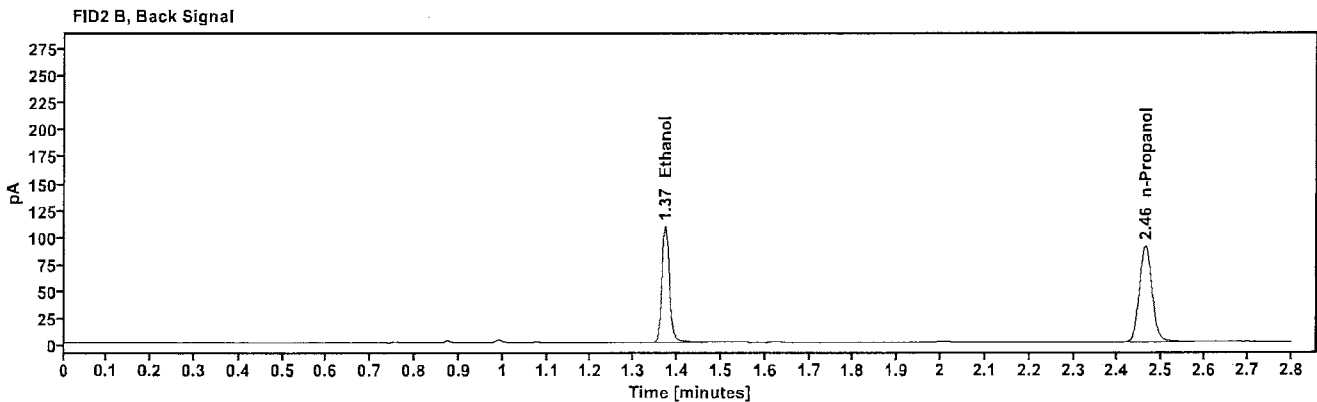
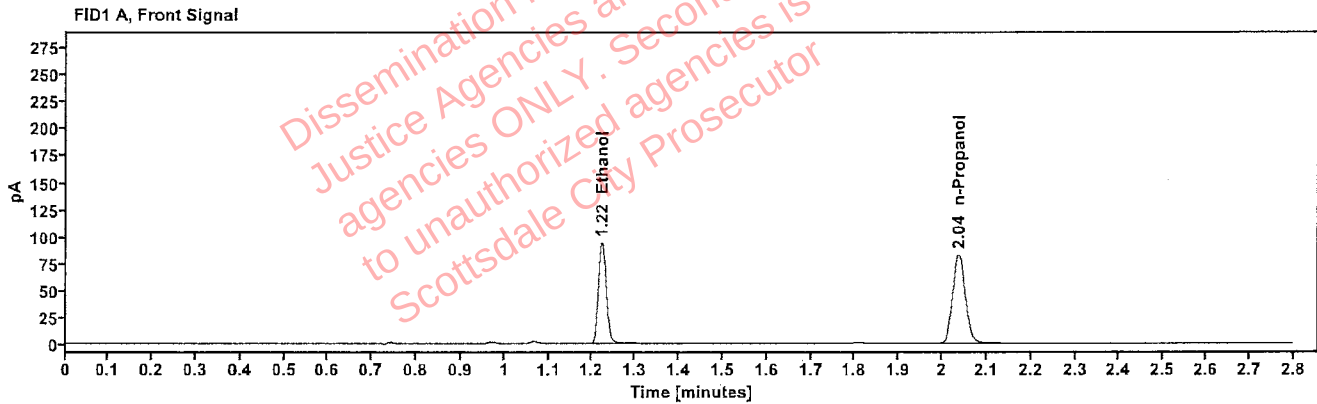


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1930	1.222	119.602
n-Propanol	-----	2.037	165.417

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

Compound	Time (min)	Peak Area
Ethanol	1.372	131.224
n-Propanol	2.462	179.463

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	326-01C.I.	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 6:50:08 PM
Data file:	C:\Chem32\1\Data\30Apr25\38.D	Analyst:	Abbott

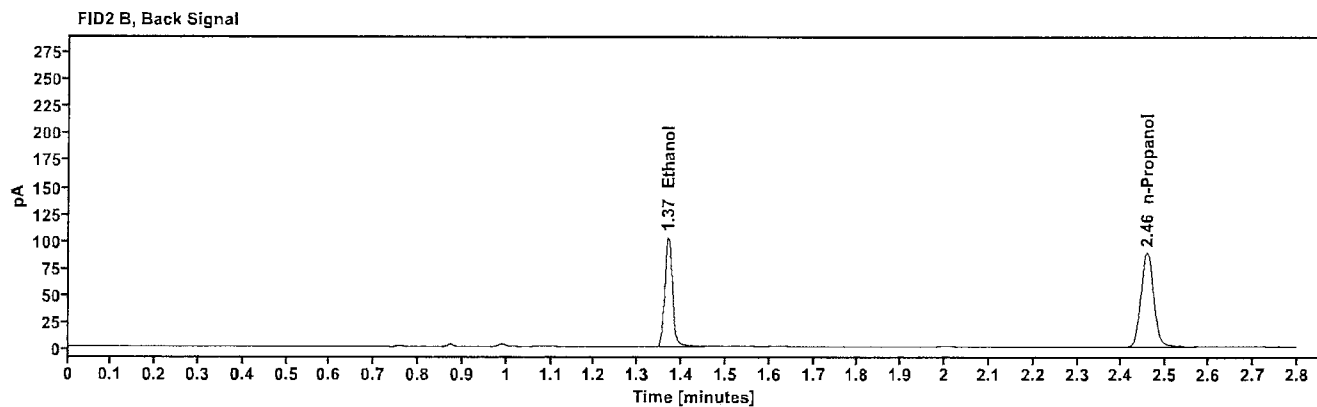
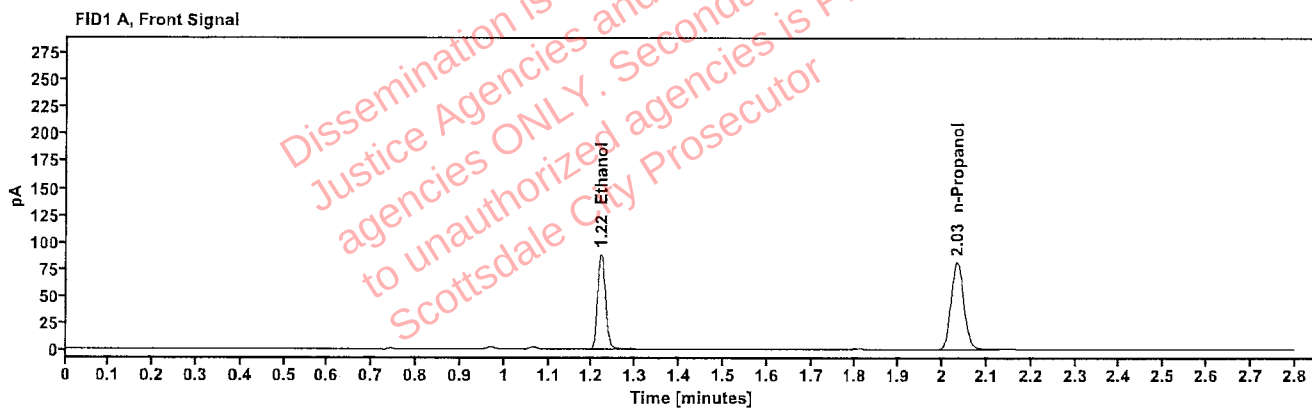


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1852	1.220	113.007
n-Propanol	-----	2.033	162.987

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

Compound	Time (min)	Peak Area
Ethanol	1.368	123.796
n-Propanol	2.457	176.797

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	326-01C.I.	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 6:54:08 PM
Data file:	C:\Chem32\1\Data\30Apr25\39.D	Analyst:	Abbott

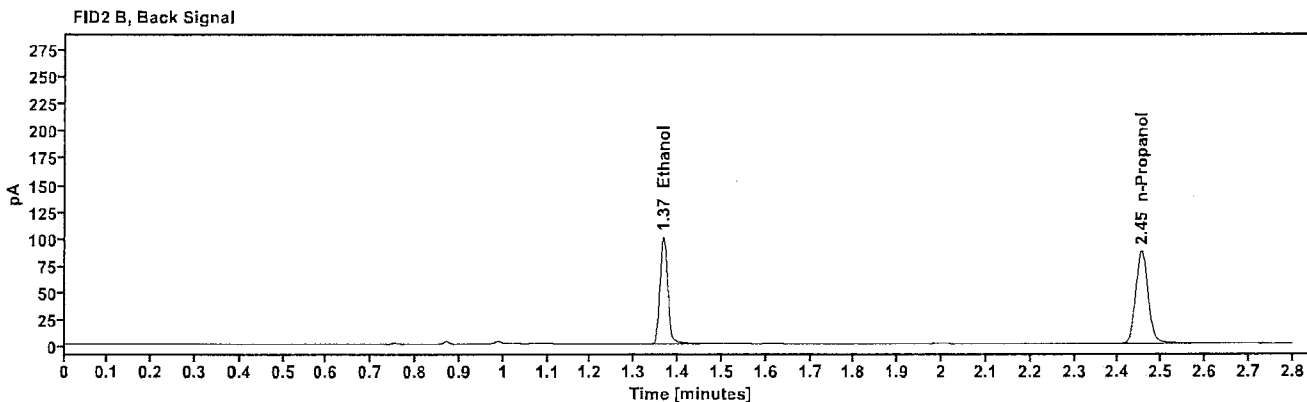
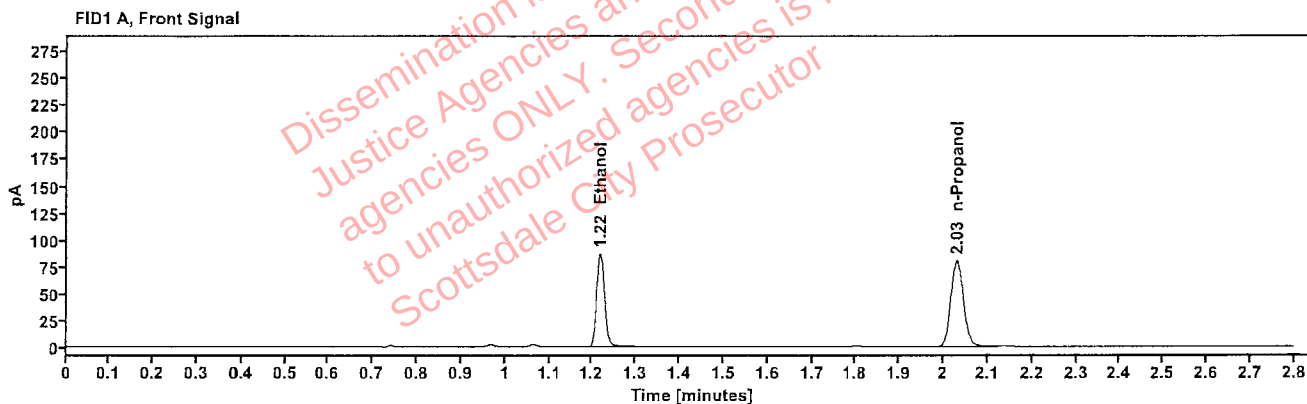


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1844	1.218	110.744
n-Propanol	-----	2.030	160.419

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

Compound	Time (min)	Peak Area
Ethanol	1.366	121.425
n-Propanol	2.454	173.964

[REDACTED]: Abbott, Lori - (01-May-2025)

Case: [REDACTED] User: LAbbott 5/1/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	438-01S.K.	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 6:58:07 PM
Data file:	C:\Chem32\1\Data\30Apr25\40.D	Analyst:	Abbott

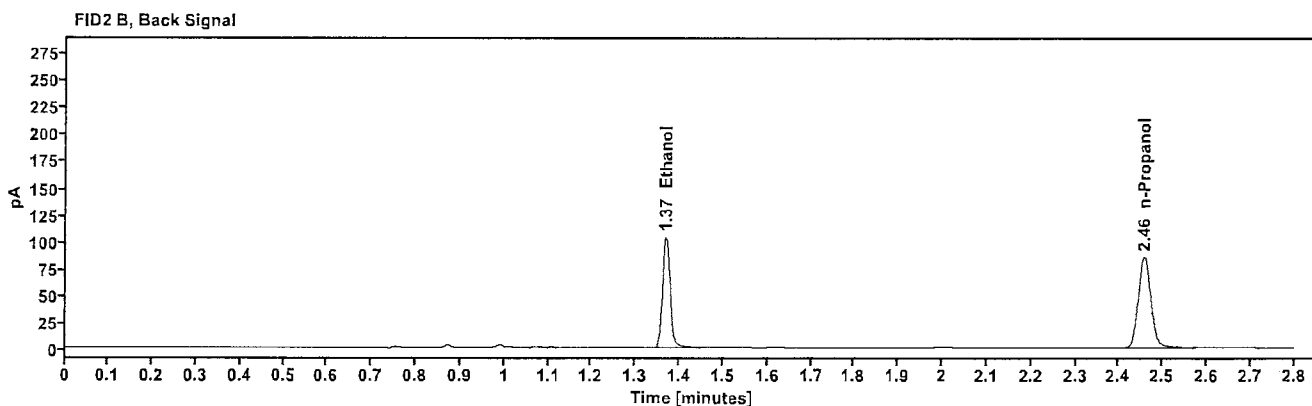
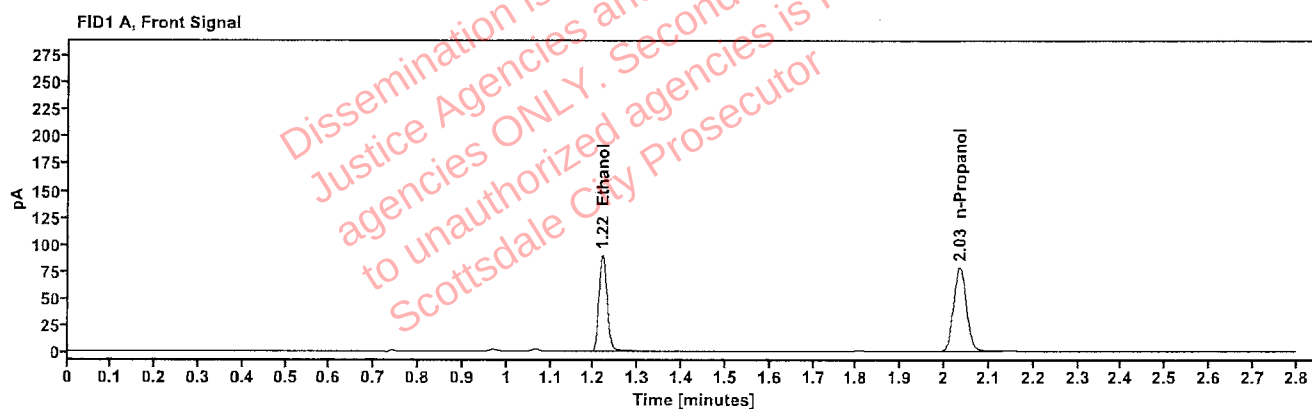


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1942	1.219	114.360
n-Propanol	-----	2.033	157.213

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

Compound	Time (min)	Peak Area
Ethanol	1.368	125.354
n-Propanol	2.458	170.834

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	438-01S.K.	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Apr25
Instrument:	US14173023 CN14160045	Injection date:	4/30/2025 7:02:08 PM
Data file:	C:\Chem32\1\Data\30Apr25\41.D	Analyst:	Abbott

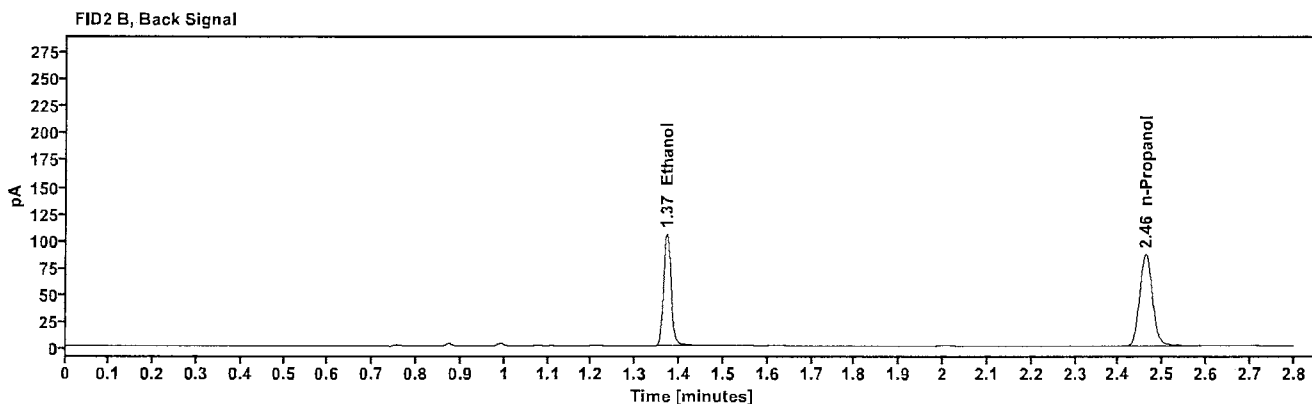
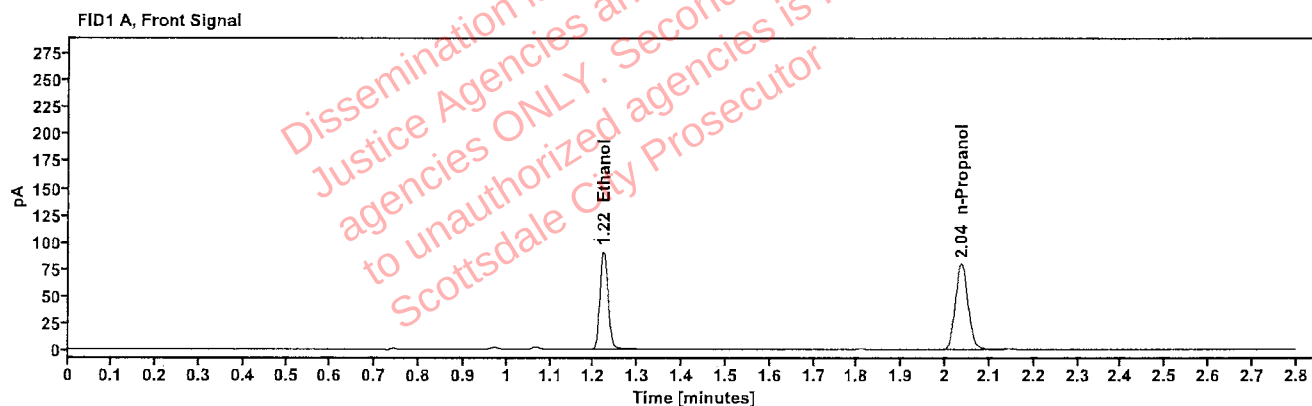


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1952	1.221	116.128
n-Propanol	-----	2.036	158.862

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

Compound	Time (min)	Peak Area
Ethanol	1.370	127.492
n-Propanol	2.461	172.601