

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 06/02/2022

SEQUENCE NAME 02Jun22

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN06141806 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN05311902 0.99998
 Vial 3 0.20 calibrator Lot FN05101903
 Vial 4 0.40 calibrator Lot FN10051906

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 032922AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.406 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.204 g/dL	ACQ 4110320133/8
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.082 g/dL	Lipomed 20012020-B
42	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 11092018-A
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
44	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/8
45	Blank	Not detected	Not detected	SPD lab 101921WB

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Erika Canerico Analyst
 Run valid Run invalid Pharis Brown Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 02Jun22

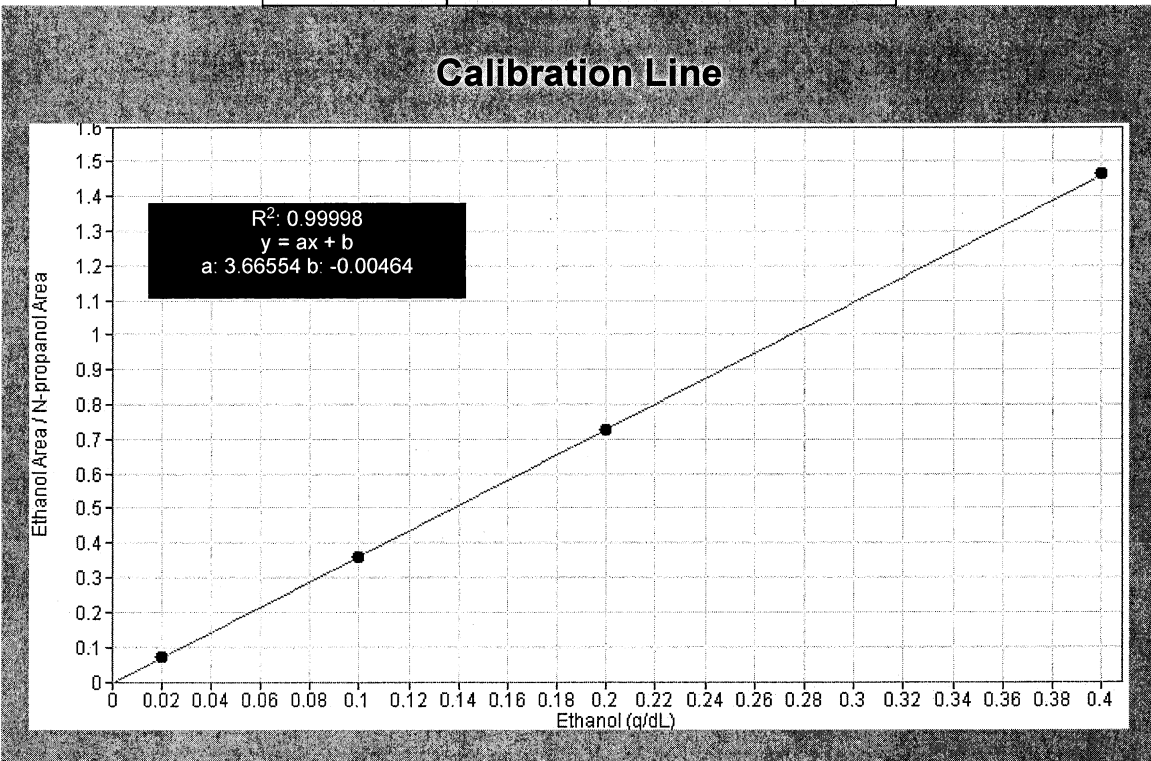
ANALYST: Canonico

EQ

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 032922AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.406	0.400	1.50	0.006
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.199 4110320133/8	9	0.204	0.199	2.51	0.005
0.080 20012020-B	20	0.081	0.080	1.25	0.001
0.080 20012020-B	31	0.082	0.080	2.50	0.002
0.400 11092018-A	42	0.404	0.400	1.00	0.004
0.040 14082019-B	43	0.041	0.040	2.50	0.001
0.199 4110320133/8	44	0.203	0.199	2.01	0.004
blank 101921WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.782	164.968	0.071
0.100	59.816	165.707	0.361
0.200	116.395	160.625	0.725
0.400	238.380	162.874	1.464

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1
Description: 0.020 calibrator	Sequence: 02Jun22
Method: ethanol quant.M	Injection date: 6/2/2022 11:12:26 AM
Instrument: US14173023 CN14160045	Analyst: Canonico EC
Data file: C:\Chem32\1\Data\02Jun22\1.D	

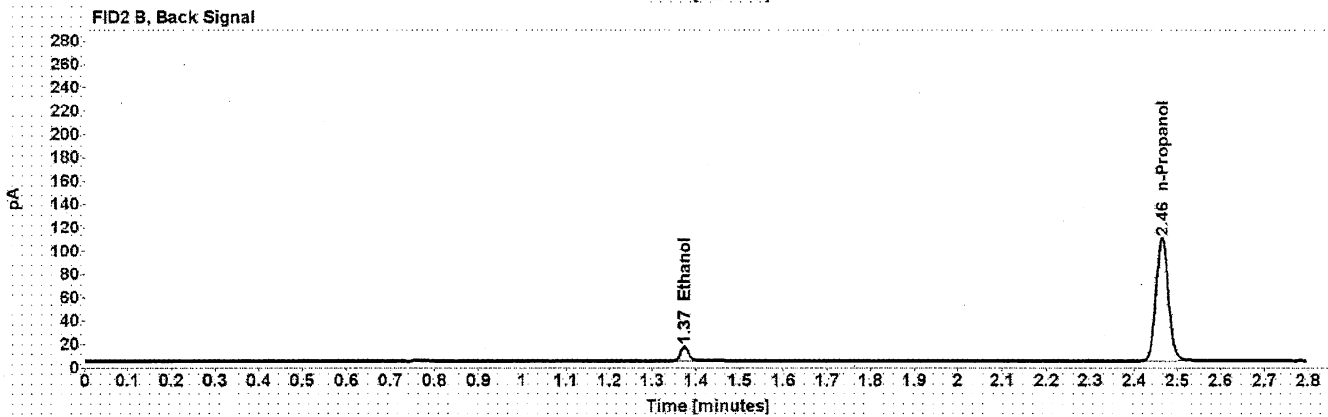


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.782
n-Propanol	2.015	164.968

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

Compound	Time (min)	Peak Area
Ethanol	1.374	15.037
n-Propanol	2.464	210.847

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	02Jun22
Method:	ethanol quant.M	Injection date:	6/2/2022 11:16:26 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>EC</i>
Data file:	C:\Chem32\1\Data\02Jun22\2.D		

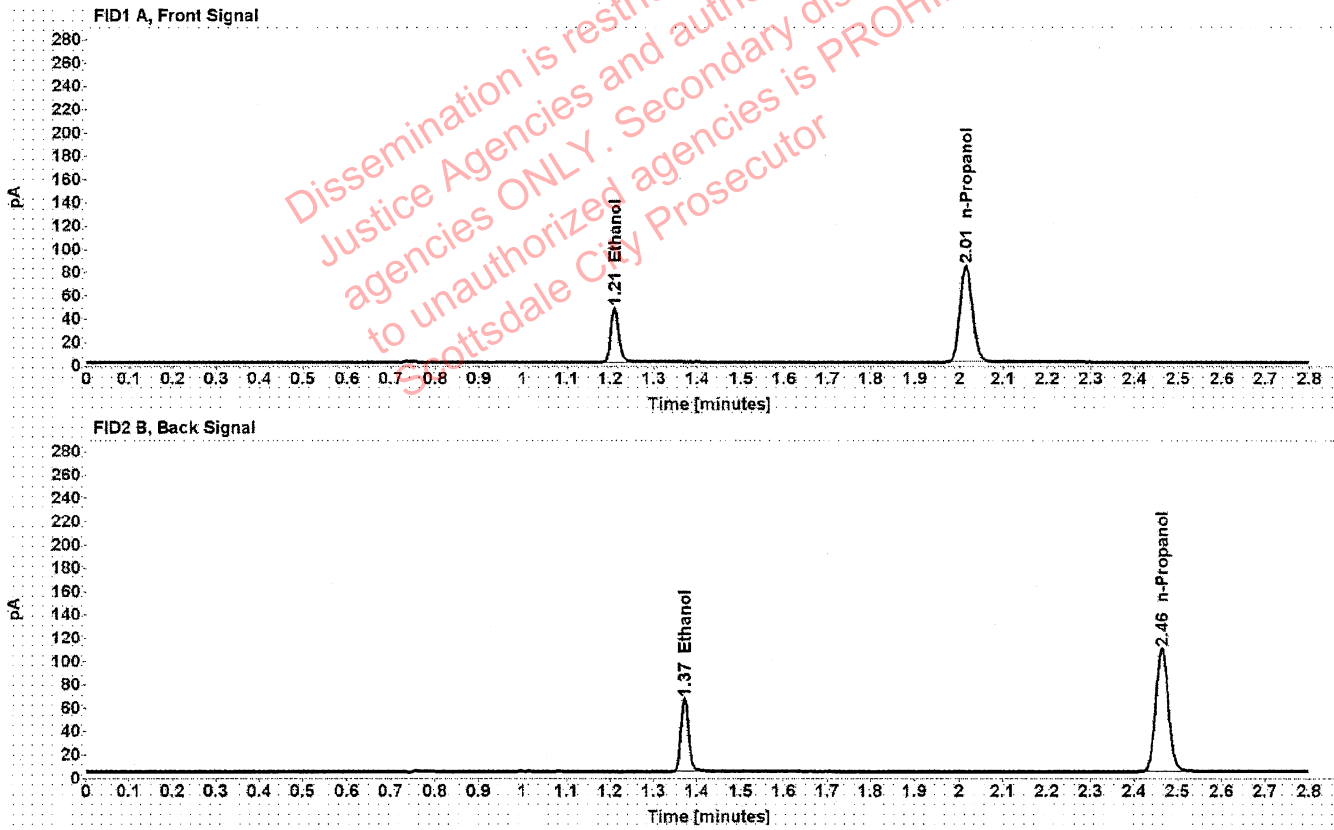


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	59.816
n-Propanol	2.015	165.707

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

Compound	Time (min)	Peak Area
Ethanol	1.372	76.212
n-Propanol	2.464	211.378

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05101903	Vial:	3
Description:	0.200 calibrator	Sequence:	02Jun22
Method:	ethanol quant.M	Injection date:	6/2/2022 11:20:25 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>ec</i>
Data file:	C:\Chem32\1\Data\02Jun22\3.D		

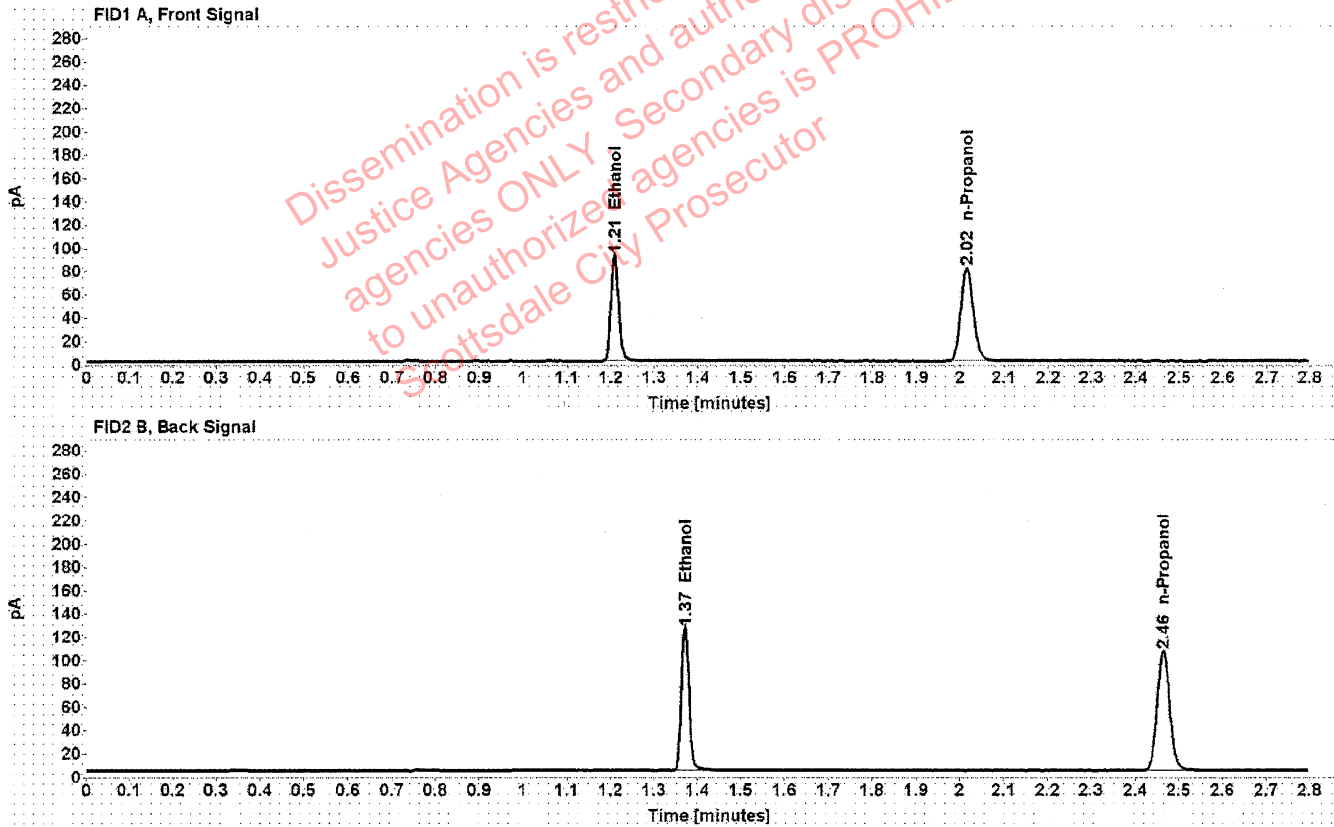


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	116.395
n-Propanol	2.015	160.625

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

Compound	Time (min)	Peak Area
Ethanol	1.371	148.817
n-Propanol	2.465	204.952

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 02Jun22
Method: ethanol quant.M	Injection date: 6/2/2022 11:24:26 AM
Instrument: US14173023 CN14160045	Analyst: Canonico EC
Data file: C:\Chem32\1\Data\02Jun22\4.D	

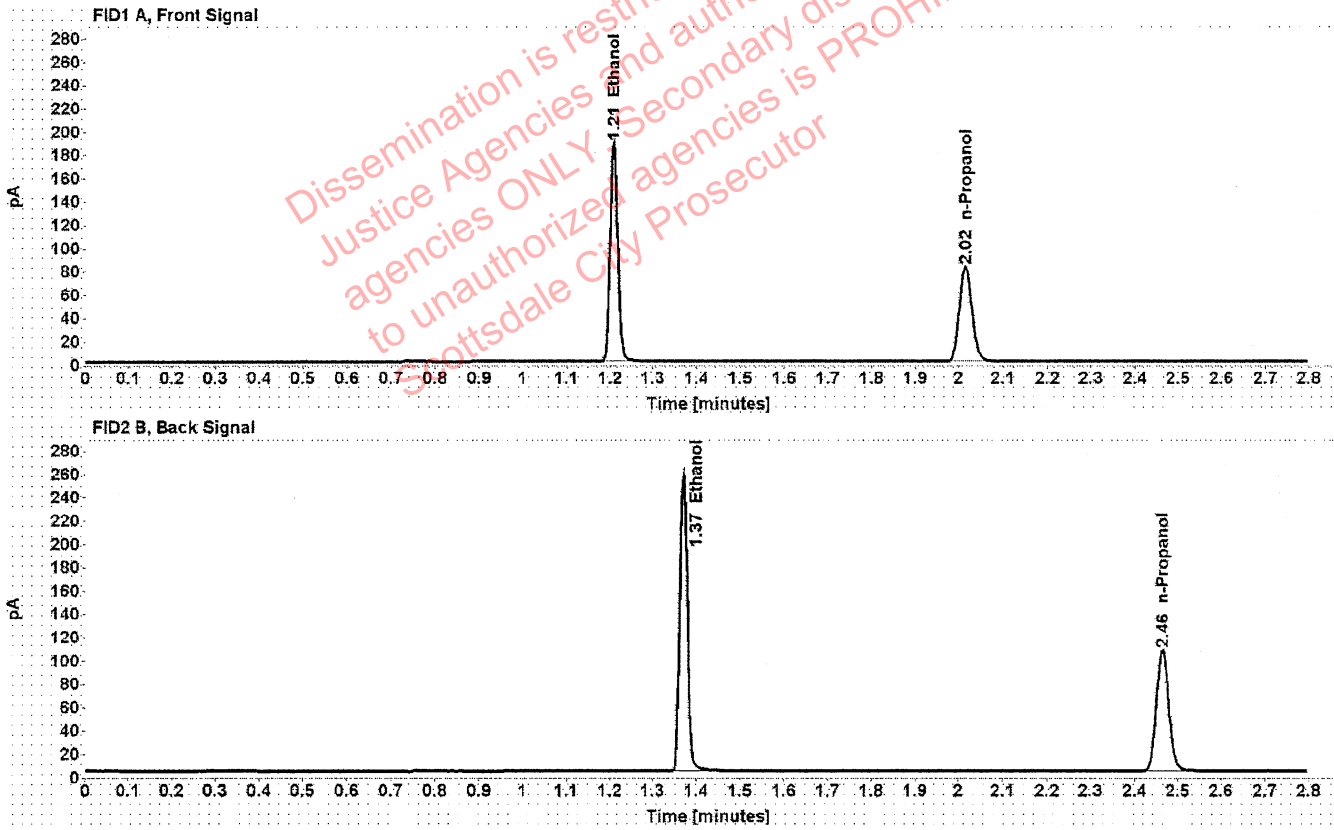


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	238.380
n-Propanol	2.015	162.874

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

Compound	Time (min)	Peak Area
Ethanol	1.371	305.506
n-Propanol	2.465	207.849

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	032922AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 11:28:26 AM
Data file:	C:\Chem32\1\Data\02Jun22\5.D	Analyst:	Canonico <i>ec</i>

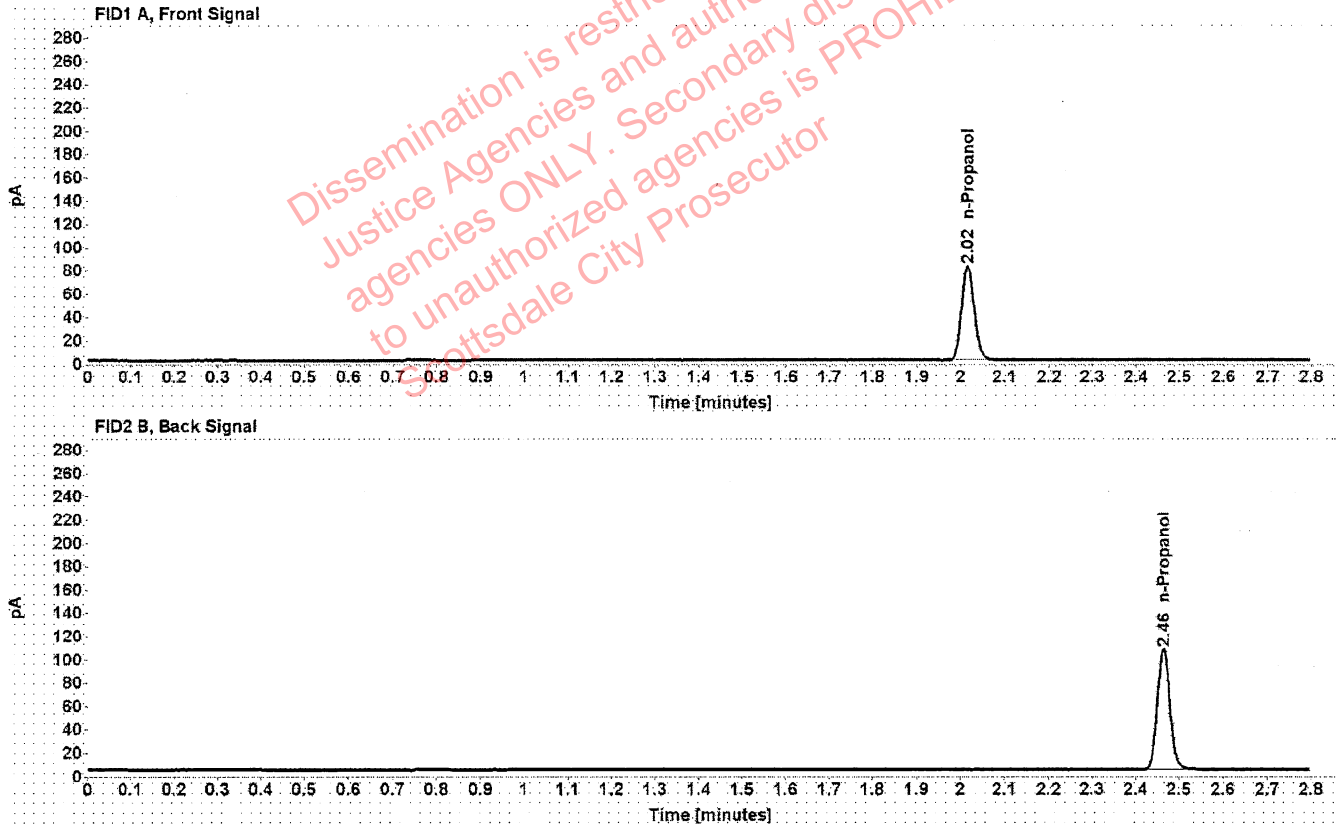


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	162.051

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

Compound	Time (min)	Peak Area
n-Propanol	2.465	206.992

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 11:32:26 AM
Data file:	C:\Chem321\1\Data\02Jun22\6.D	Analyst:	Canonico <i>EC</i>

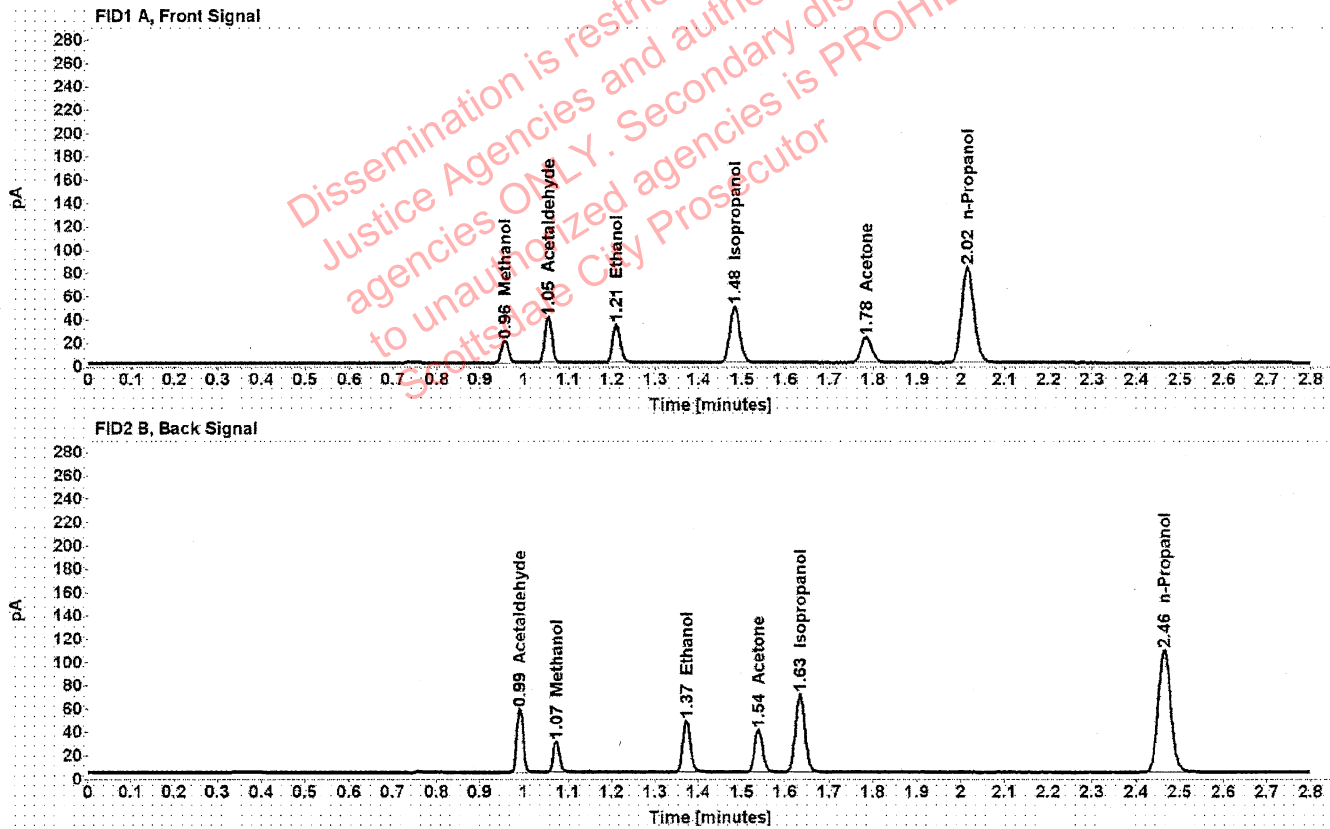


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	21.320
Acetaldehyde	-----	1.054	42.953
>Ethanol	0.0717	1.210	42.460
Isopropanol	-----	1.483	77.776
Acetone	-----	1.784	37.913
n-Propanol	-----	2.015	164.412

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.991	55.713
Methanol	1.074	27.706
Ethanol	1.372	54.176
Acetone	1.539	48.266
Isopropanol	1.634	100.921
n-Propanol	2.465	209.976

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 11:36:41 AM
Data file:	C:\Chem32\1\Data\02Jun22\7.D	Analyst:	Canonico <i>EC</i>

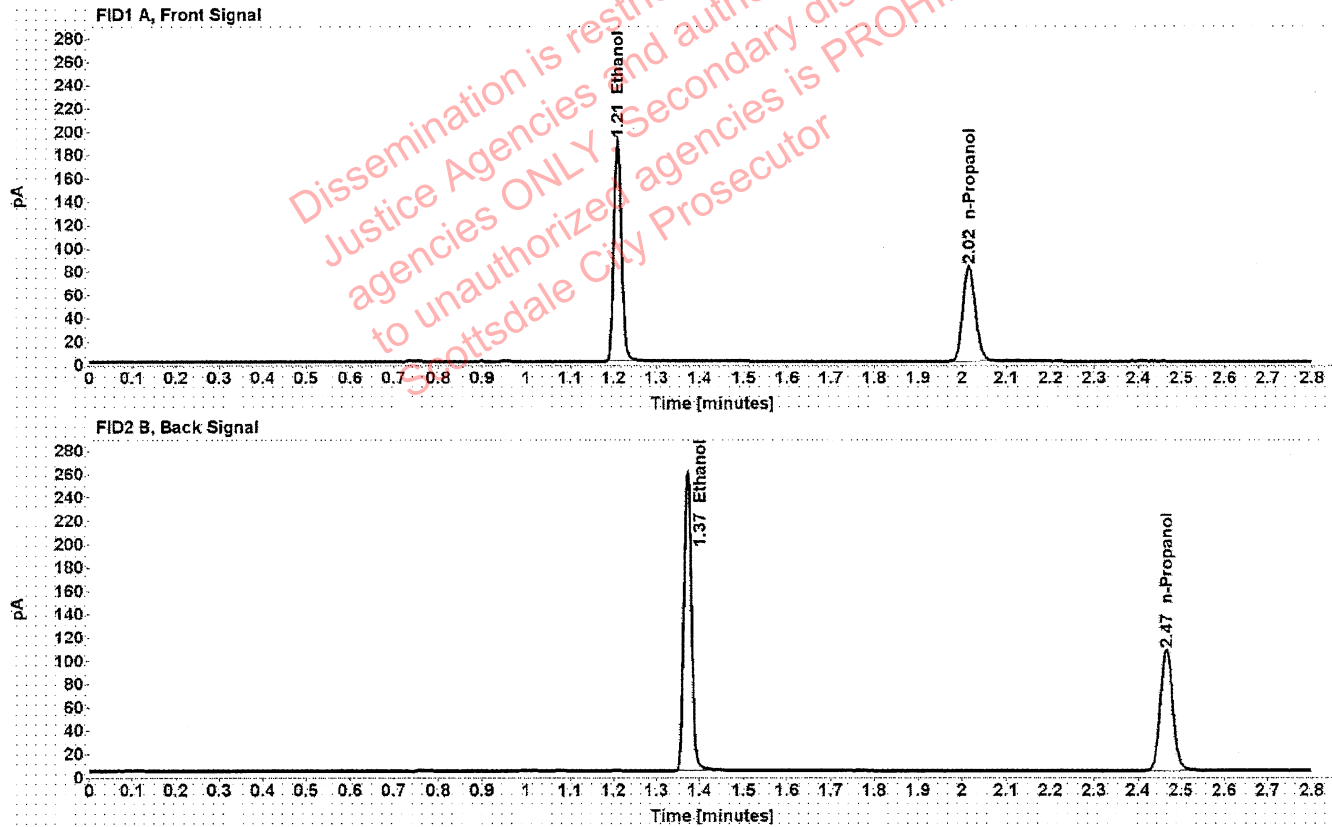


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4068	1.209	241.855
n-Propanol	-----	2.016	162.684

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

Compound	Time (min)	Peak Area
Ethanol	1.373	309.990
n-Propanol	2.466	207.606

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 11:40:40 AM
Data file:	C:\Chem32\1\Data\02Jun22\8.D	Analyst:	Canonico <i>ec</i>

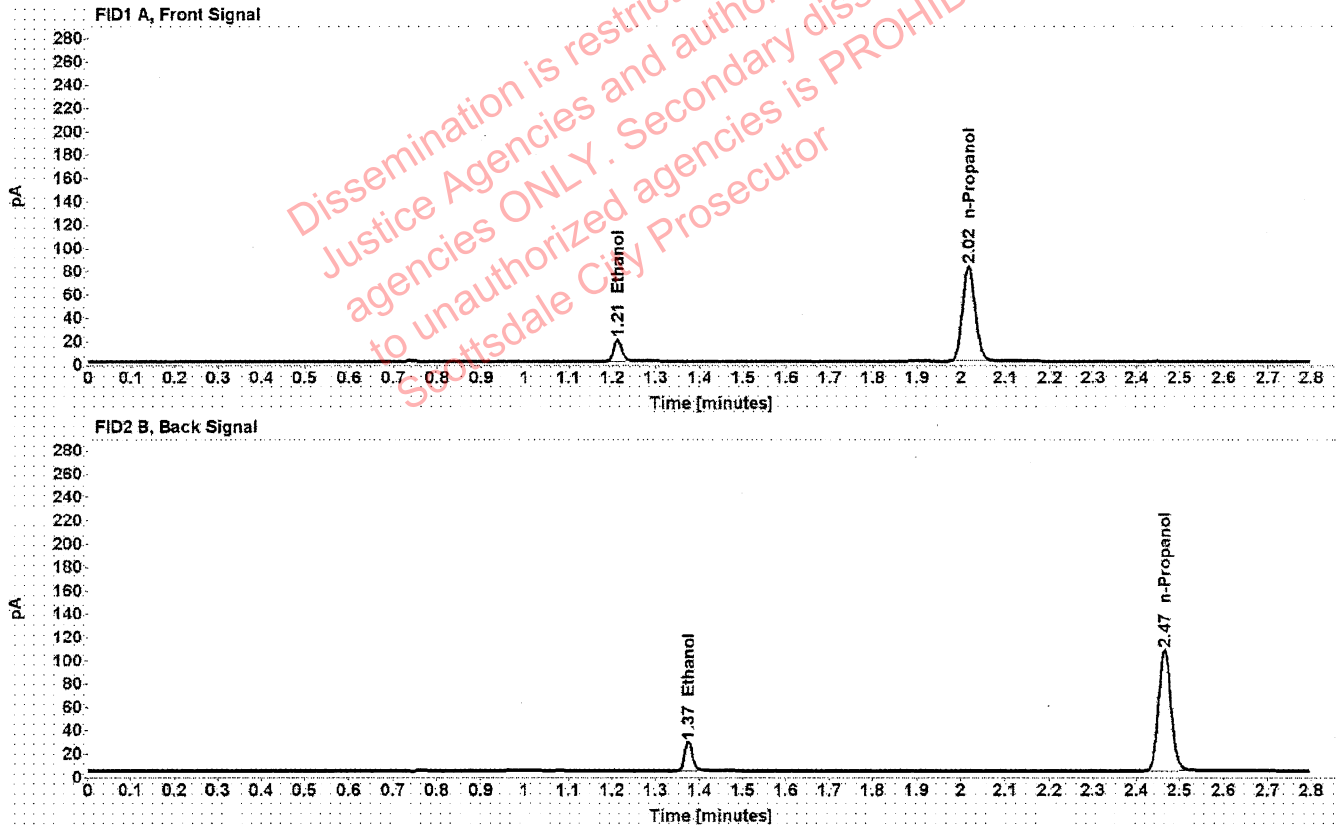


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0414	1.212	23.997
n-Propanol	-----	2.016	163.177

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

Compound	Time (min)	Peak Area
Ethanol	1.375	30.565
n-Propanol	2.466	208.244

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/8	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 11:44:41 AM
Data file:	C:\Chem32\1\Data\02Jun22\9.D	Analyst:	Canonico <i>EC</i>

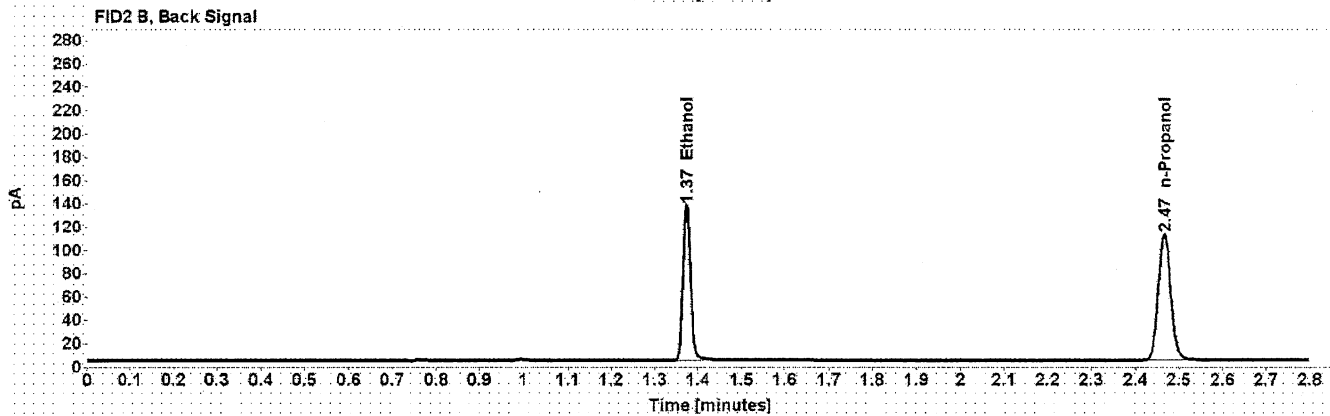
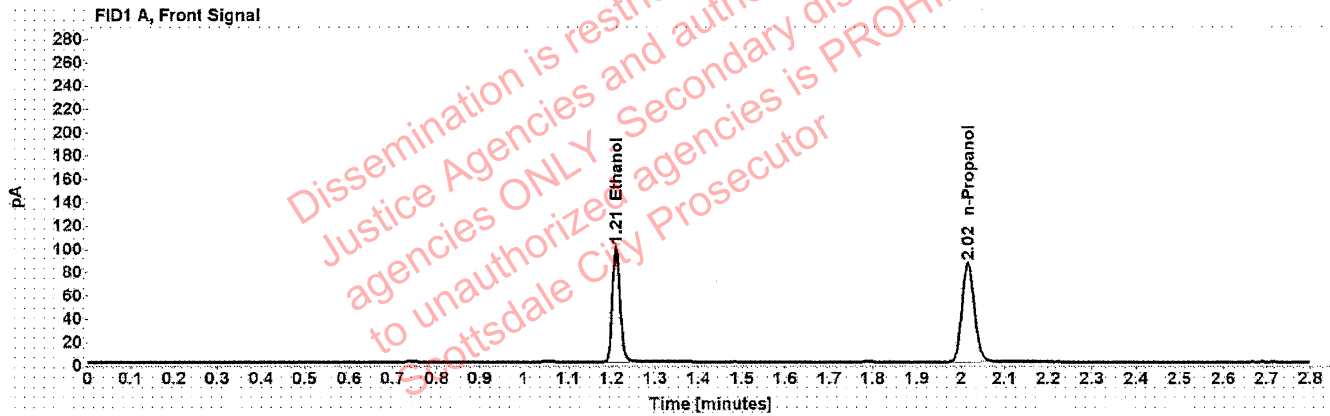


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2041	1.210	126.285
n-Propanol	-----	2.016	169.819

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

Compound	Time (min)	Peak Area
Ethanol	1.374	161.790
n-Propanol	2.466	216.625

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 12:29:11 PM
Data file:	C:\Chem32\1\Data\02Jun22\20.D	Analyst:	Canonico <i>EC</i>

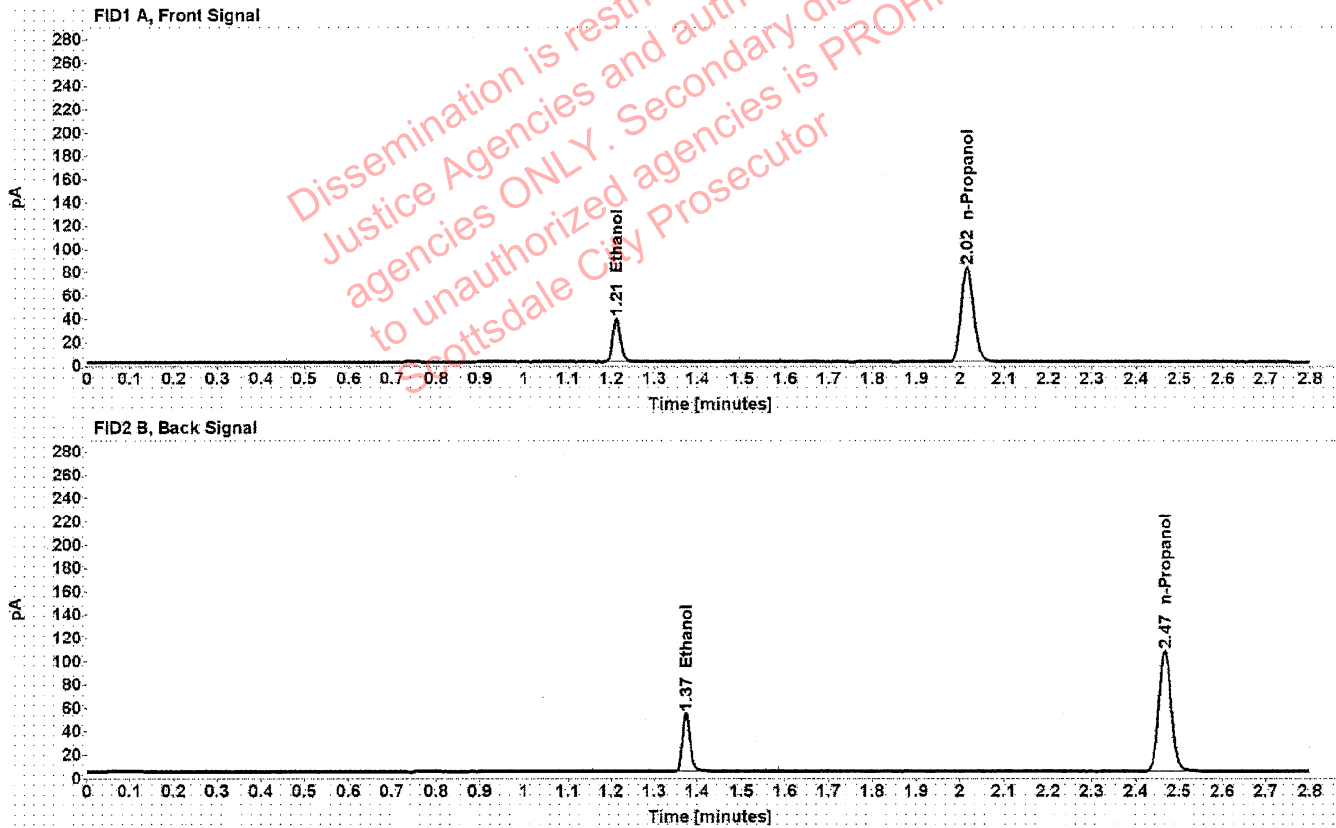


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0810	1.211	47.590
n-Propanol	-----	2.016	162.933

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

Compound	Time (min)	Peak Area
Ethanol	1.374	60.681
n-Propanol	2.467	207.534

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	31
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 1:13:41 PM
Data file:	C:\Chem32\1\Data\02Jun22\31.D	Analyst:	Canonico <i>EC</i>

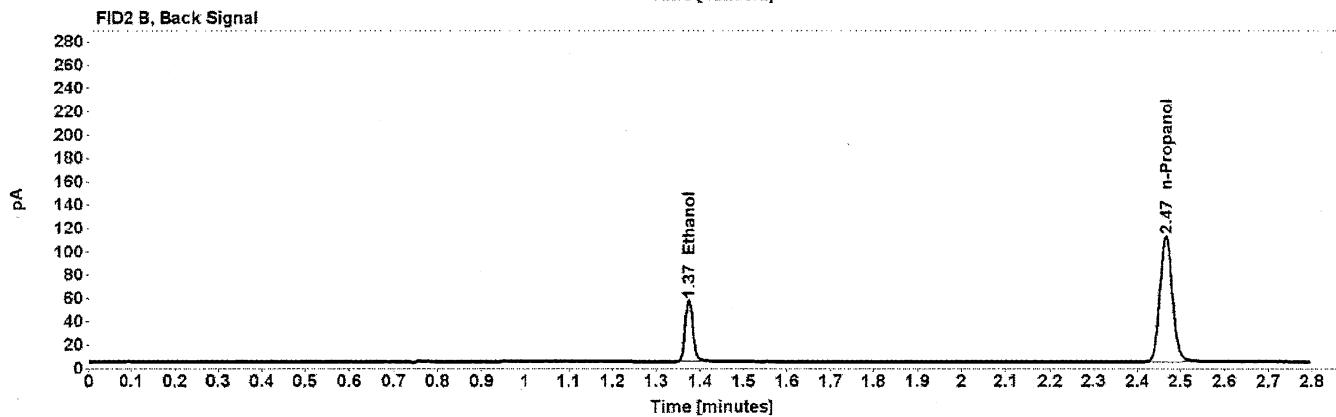
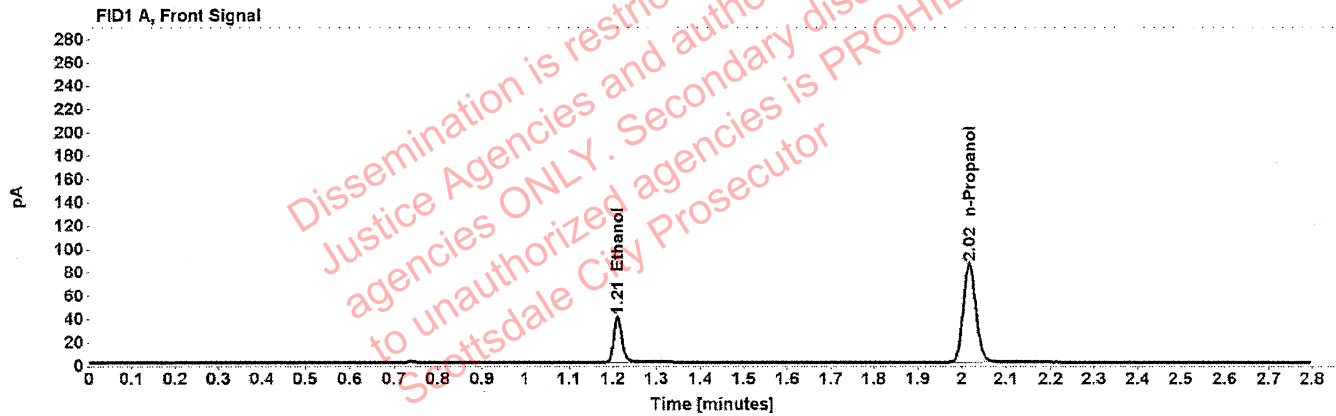


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0823	1.211	50.384
n-Propanol	-----	2.017	169.717

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

Compound	Time (min)	Peak Area
Ethanol	1.374	64.143
n-Propanol	2.467	216.634

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 1:57:56 PM
Data file:	C:\Chem32\1\Data\02Jun22\42.D	Analyst:	Canonico &

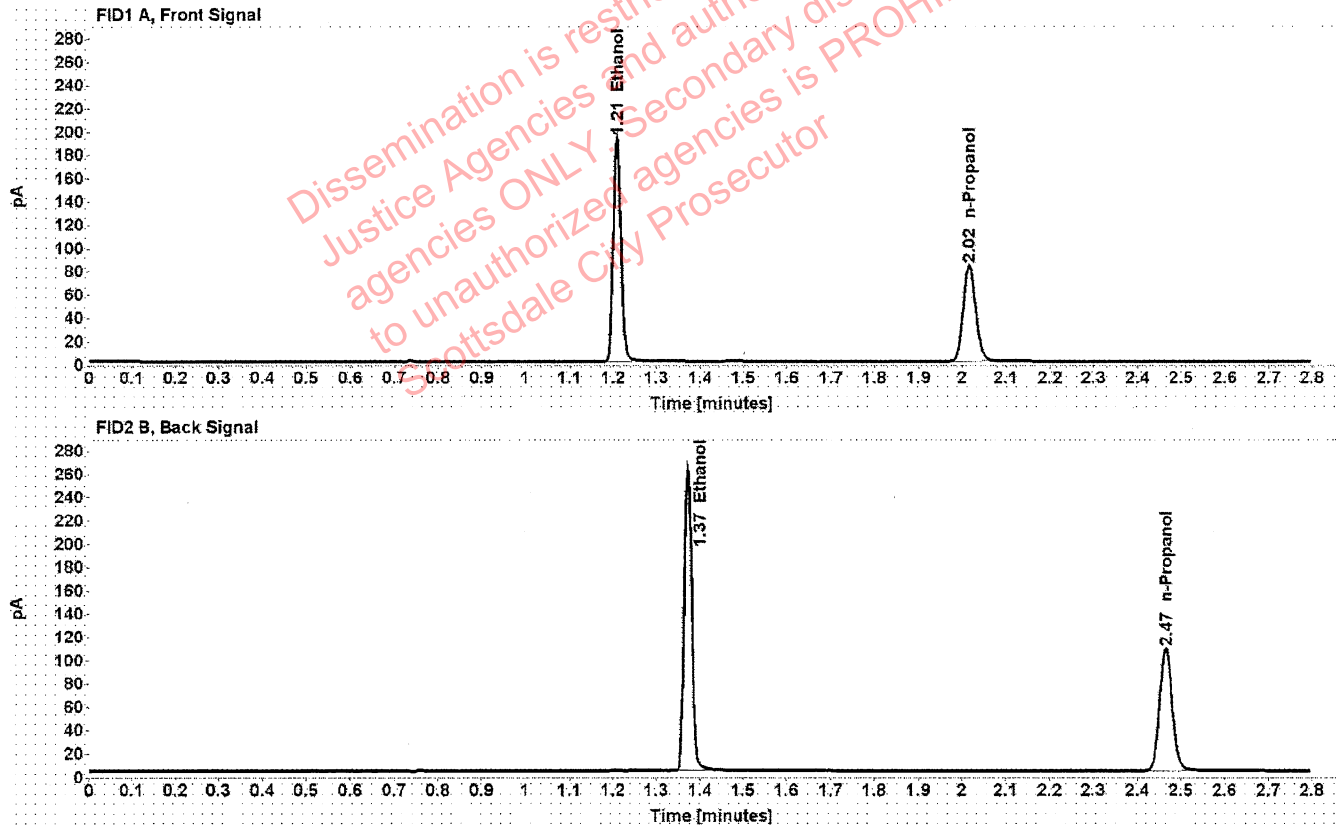


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4041	1.209	244.422
n-Propanol	-----	2.016	165.546

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

Compound	Time (min)	Peak Area
Ethanol	1.372	313.545
n-Propanol	2.465	211.276

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 2:02:10 PM
Data file:	C:\Chem32\1\Data\02Jun22\43.D	Analyst:	Canonico <i>EL</i>

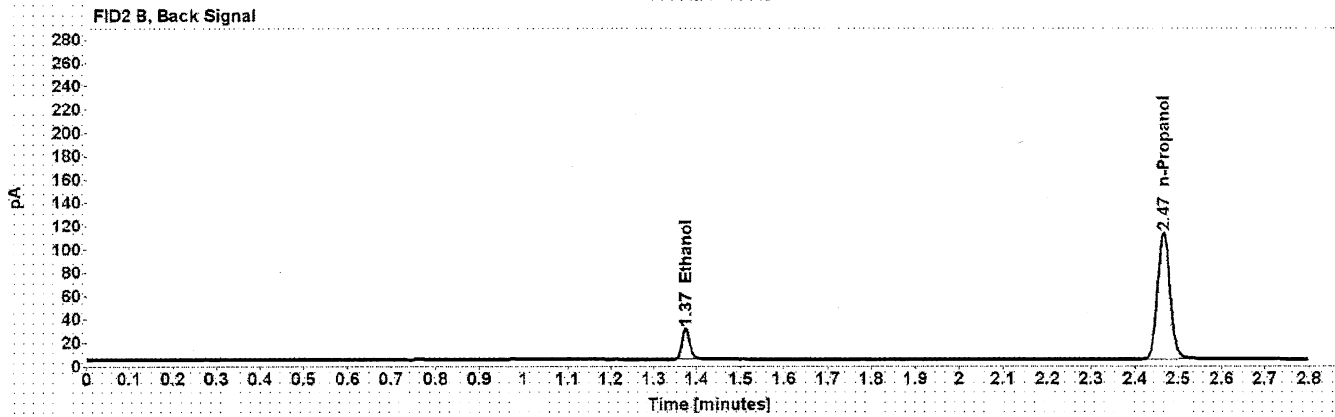
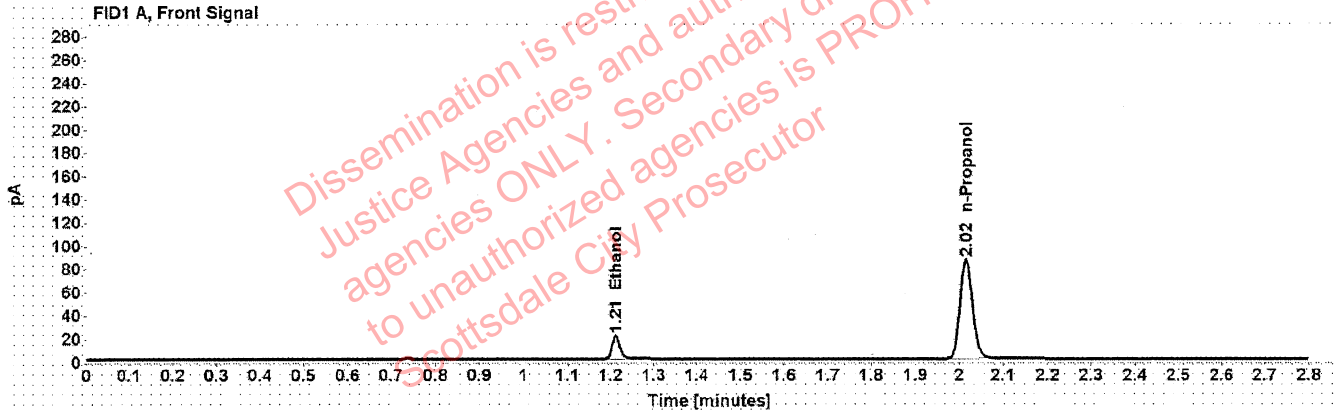


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0419	1.212	25.450
n-Propanol	-----	2.016	170.678

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

Compound	Time (min)	Peak Area
Ethanol	1.374	32.424
n-Propanol	2.466	217.506

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/8	Vial: 44
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 02Jun22
Instrument: US14173023 CN14160045	Injection date: 6/2/2022 2:06:10 PM
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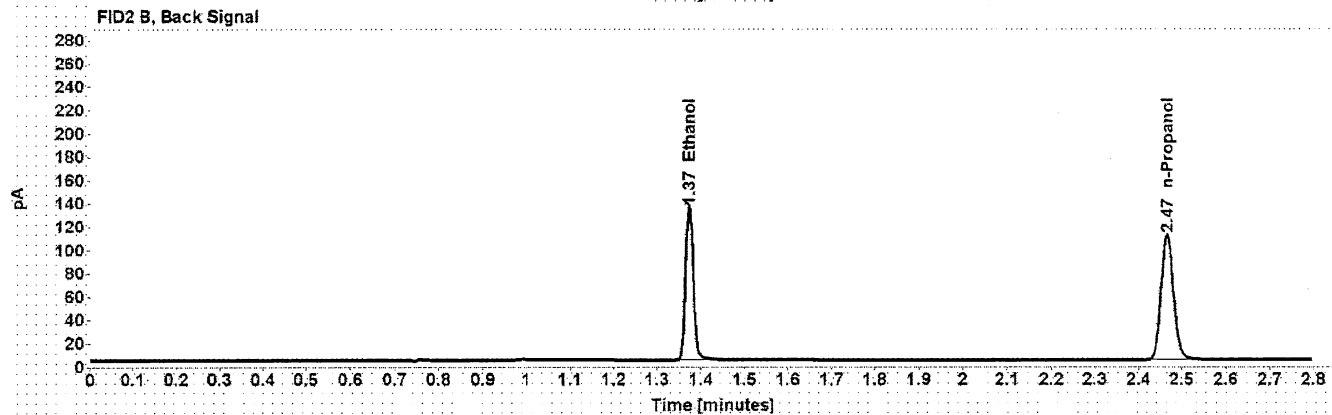
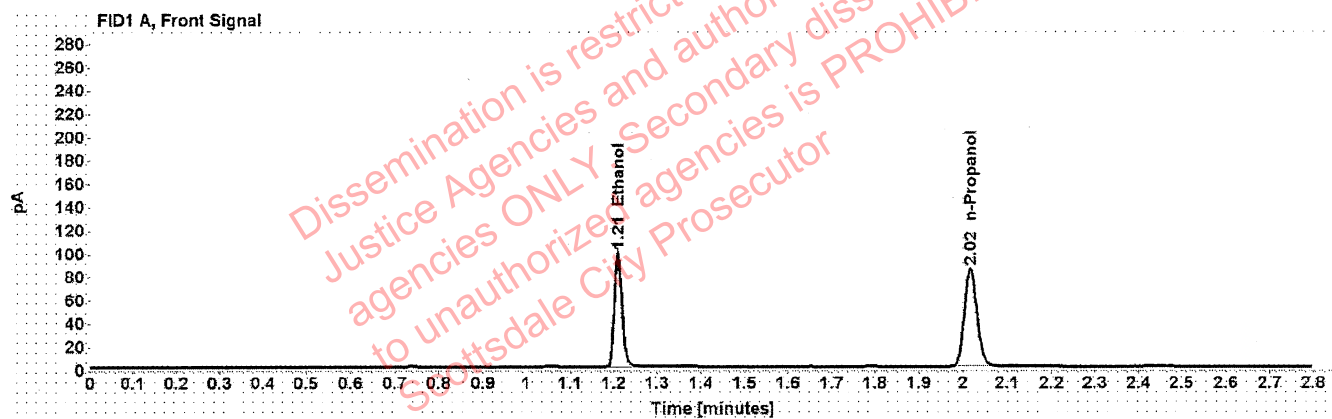


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2034	1.210	125.306
n-Propanol	-----	2.017	169.159

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

Compound	Time (min)	Peak Area
Ethanol	1.374	160.011
n-Propanol	2.467	215.815

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	101921WB	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 2:10:11 PM
Data file:	C:\Chem32\1\Data\02Jun22\45.D	Analyst:	Canonico <i>EC</i>

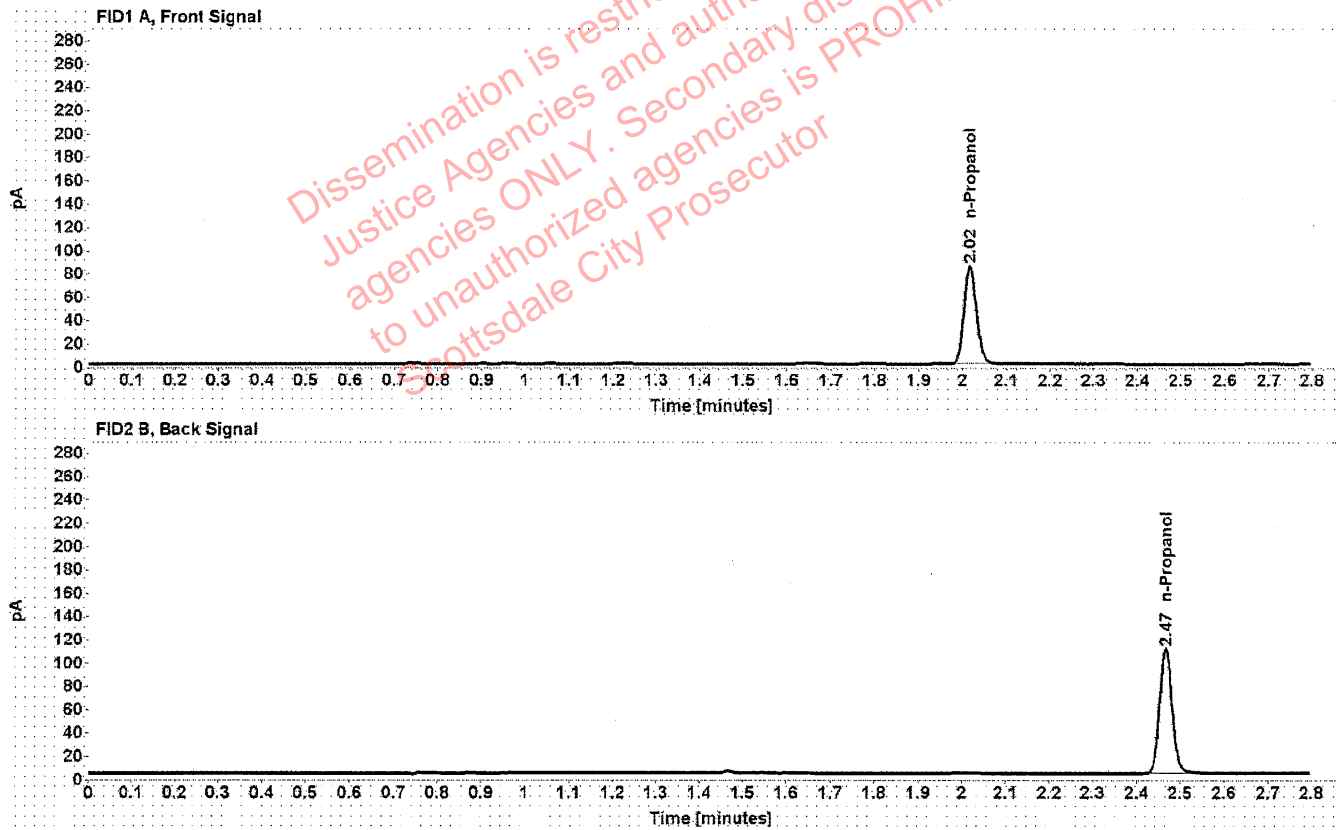


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	168.214

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	215.676

Sequence Summary

Sequence name: 02Jun22 **Instrument:** US14173023 CN14160045 **Analyst:** Canonico *ec*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN05101903	0.200 calibrator	Calibration		ethanol quant.M
4	FN10051906	0.400 calibrator	Calibration		ethanol quant.M
5	032922AQ	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/8	0.199	Control		ethanol quant.M
10	32701GA		Sample		ethanol quant.M
11	32701GA		Sample		ethanol quant.M
12	40501SS		Sample		ethanol quant.M
13	40501SS		Sample		ethanol quant.M
14	39001LA		Sample		ethanol quant.M
15	39001LA		Sample		ethanol quant.M
16	40901DG		Sample		ethanol quant.M
17	40901DG		Sample		ethanol quant.M
18	35301JF		Sample		ethanol quant.M
19	35301JF		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	32701JP		Sample		ethanol quant.M
22	32701JP		Sample		ethanol quant.M
23	4011CK		Sample		ethanol quant.M
24	4011CK		Sample		ethanol quant.M
25	39001OE		Sample		ethanol quant.M
26	39001OE		Sample		ethanol quant.M
27	1401012		Sample		ethanol quant.M
28	1401012		Sample		ethanol quant.M
29	1423935		Sample		ethanol quant.M
30	1423935		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	1423990		Sample		ethanol quant.M
33	1423990		Sample		ethanol quant.M
34	1424275		Sample		ethanol quant.M
35	1424275		Sample		ethanol quant.M
36	1424437		Sample		ethanol quant.M
37	1424437		Sample		ethanol quant.M
38	1391680		Sample		ethanol quant.M
39	1391680		Sample		ethanol quant.M
40	1425009		Sample		ethanol quant.M
41	1425009		Sample		ethanol quant.M
42	11092018-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	4110320133/8	0.199	Control		ethanol quant.M
45	101921WB	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 02Jun22

ANALYST: Canonico

ℓ

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0607	0.0611	0.06090	0.33	0.00020
12 13	0.1535	0.1534	0.15345	0.03	0.00005
14 15	0.1779	0.1792	0.17855	0.36	0.00065
16 17	0.2038	0.2044	0.20410	0.15	0.00030
18 19	0.1581	0.1587	0.15840	0.19	0.00030
21 22	0.2437	0.2458	0.24475	0.43	0.00105
23 24	0.1775	0.1776	0.17755	0.03	0.00005
25 26	0.2334	0.2330	0.23320	0.09	0.00020
27 28	0.1956	0.1965	0.19605	0.23	0.00045
29 30	0.2166	0.2179	0.21725	0.30	0.00065
32 33	0.1443	0.1435	0.14390	0.28	0.00040
34 35	0.2625	0.2620	0.26225	0.10	0.00025
36 37	0.1943	0.1928	0.19355	0.39	0.00075
38 39	0.1378	0.1372	0.13750	0.22	0.00030
40 41	0.1358	0.1345	0.13515	0.48	0.00065

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

Scottsdale Forensic Lab Blood Alcohol Pipetting Log

ANALYST: Canonico

SEQUENCE: 02Jun22 EQ

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	32701GA	32701GA	32701GA	Yes
Vials 12 and 13	40501SS	40501SS	40501SS	Yes
Vials 14 and 15	39001LA	39001LA	39001LA	Yes
Vials 16 and 17	40901DG	40901DG	40901DG	Yes
Vials 18 and 19	35301JF	35301JF	35301JF	Yes
Vials 21 and 22	32701JP	32701JP	32701JP	Yes
Vials 23 and 24	4011CK	4011CK	4011CK	Yes
Vials 25 and 26	39001OE	39001OE	39001OE	Yes
Vials 27 and 28	1401012	1401012	1401012	Yes
Vials 29 and 30	1423935	1423935	1423935	Yes
Vials 32 and 33	1423990	1423990	1423990	Yes
Vials 34 and 35	1424275	1424275	1424275	Yes
Vials 36 and 37	1424437	1424437	1424437	Yes
Vials 38 and 39	1391680	1391680	1391680	Yes
Vials 40 and 41	1425009	1425009	1425009	Yes

[REDACTED]: Canonico, Erika - (03-Jun-2022)

Case: [REDACTED] User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701GA	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 11:48:41 AM
Data file:	C:\Chem32\1\Data\02Jun22\10.D	Analyst:	Canonico

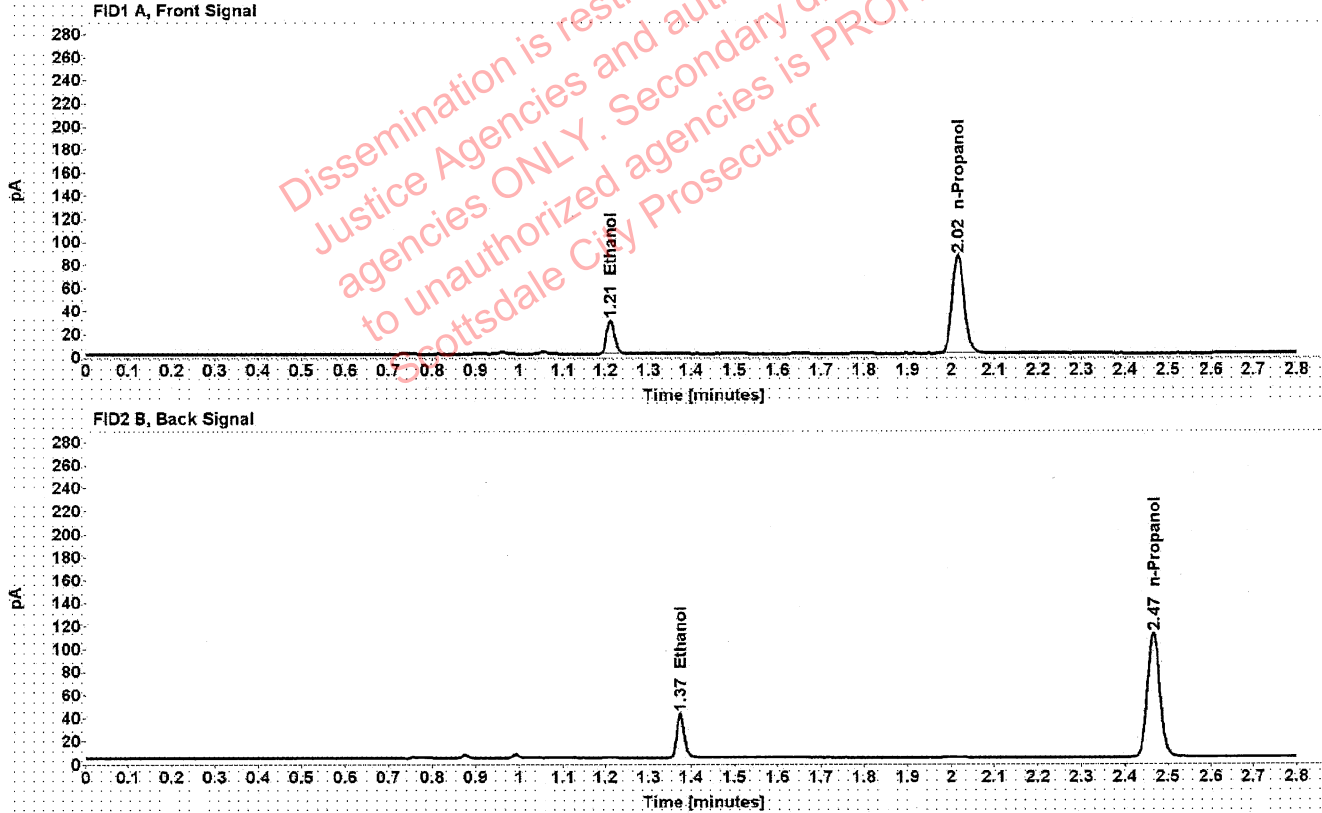


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0607	1.211	36.875
n-Propanol	-----	2.016	169.395

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

Compound	Time (min)	Peak Area
Ethanol	1.374	47.238
n-Propanol	2.466	216.315

[REDACTED] : Canonico, Erika - (03-Jun-2022)

Case: [REDACTED] User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701GA	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 11:52:41 AM
Data file:	C:\Chem32\1\Data\02Jun22\11.D	Analyst:	Canonico

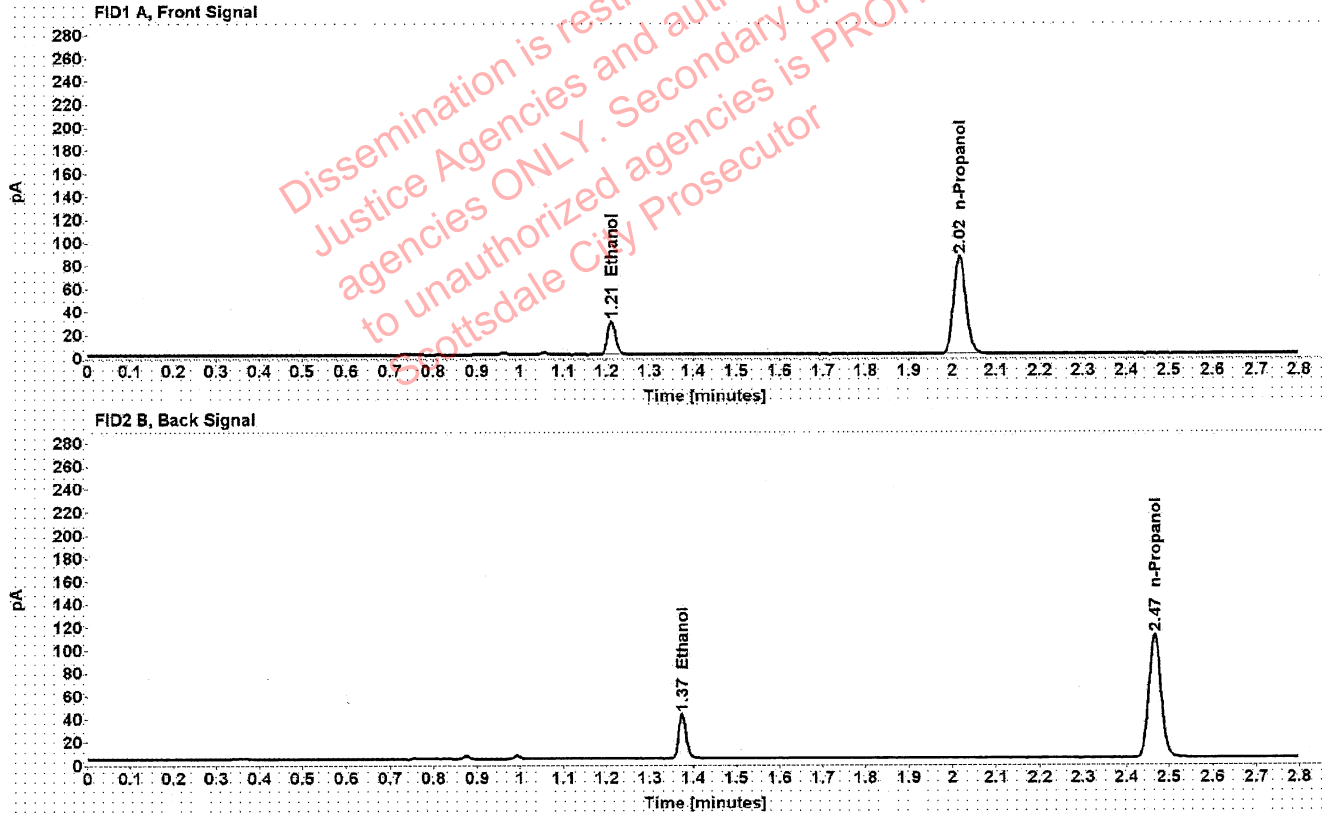


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0611	1.211	37.058
n-Propanol	-----	2.016	168.909

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

Compound	Time (min)	Peak Area
Ethanol	1.374	47.724
n-Propanol	2.466	215.615

[REDACTED]: Canonico, Erika - (03-Jun-2022)

Case: [REDACTED] User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40501SS	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 11:56:41 AM
Data file:	C:\Chem32\1\Data\02Jun22\12.D	Analyst:	Canonico

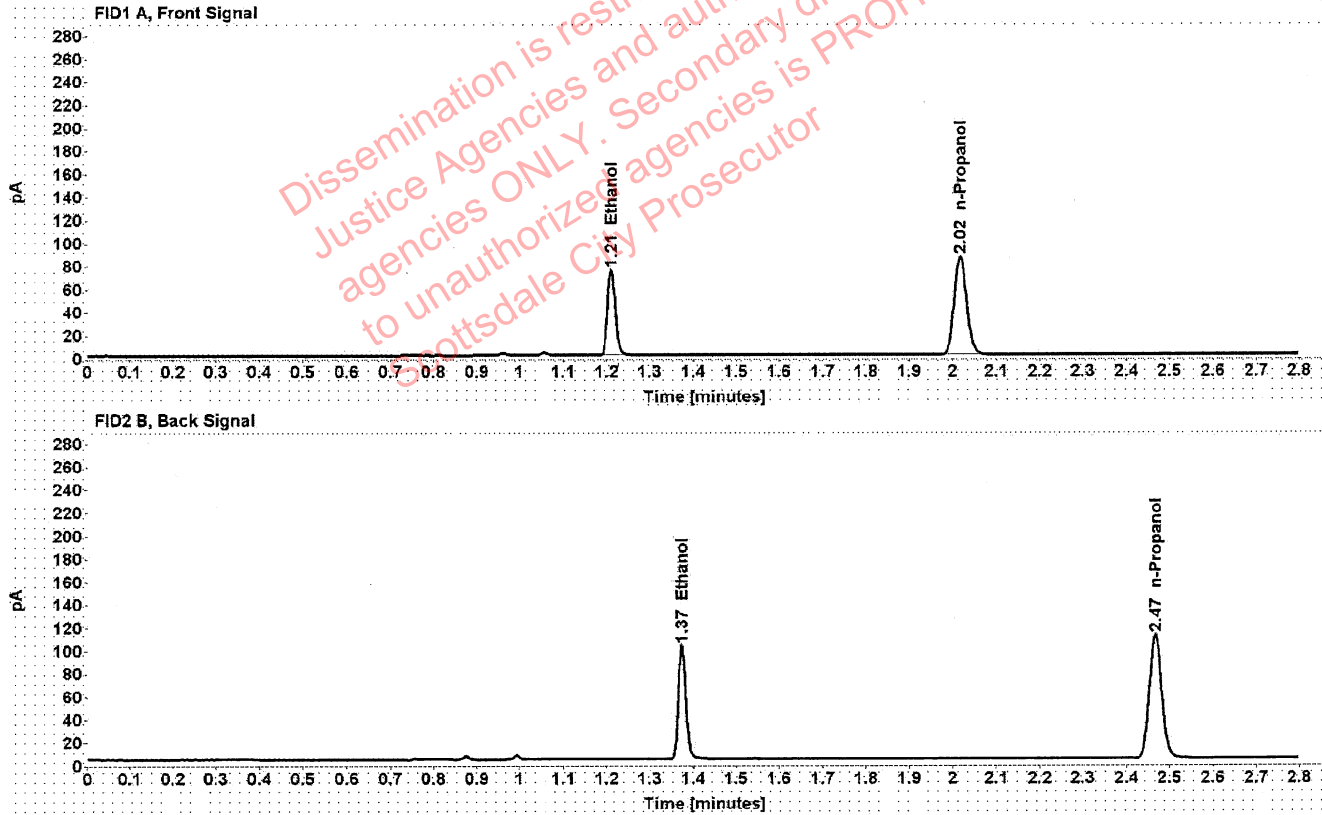


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1535	1.210	94.707
n-Propanol	-----	2.017	169.741

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

Compound	Time (min)	Peak Area
Ethanol	1.374	120.895
n-Propanol	2.467	216.441

[REDACTED]: Canonico, Erika - (03-Jun-2022)

Case: [REDACTED] User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40501SS	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 12:00:56 PM
Data file:	C:\Chem32\1\Data\02Jun22\13.D	Analyst:	Canonico

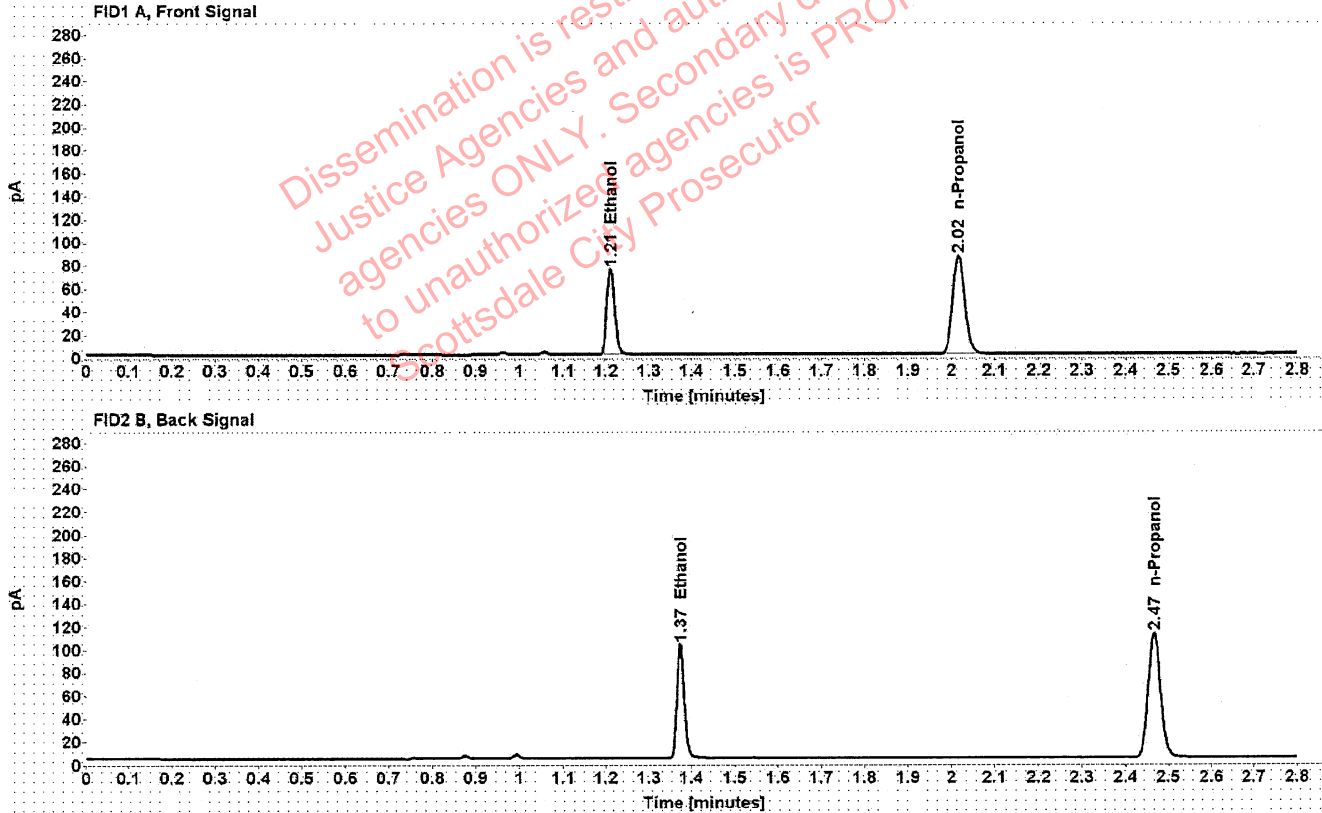


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1534	1.210	94.850
n-Propanol	-----	2.017	170.100

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

Compound	Time (min)	Peak Area
Ethanol	1.374	120.849
n-Propanol	2.467	217.082

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	39001LA	Vial:	14
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 12:04:56 PM
Data file:	C:\Chem32\1\Data\02Jun22\14.D	Analyst:	Canonico

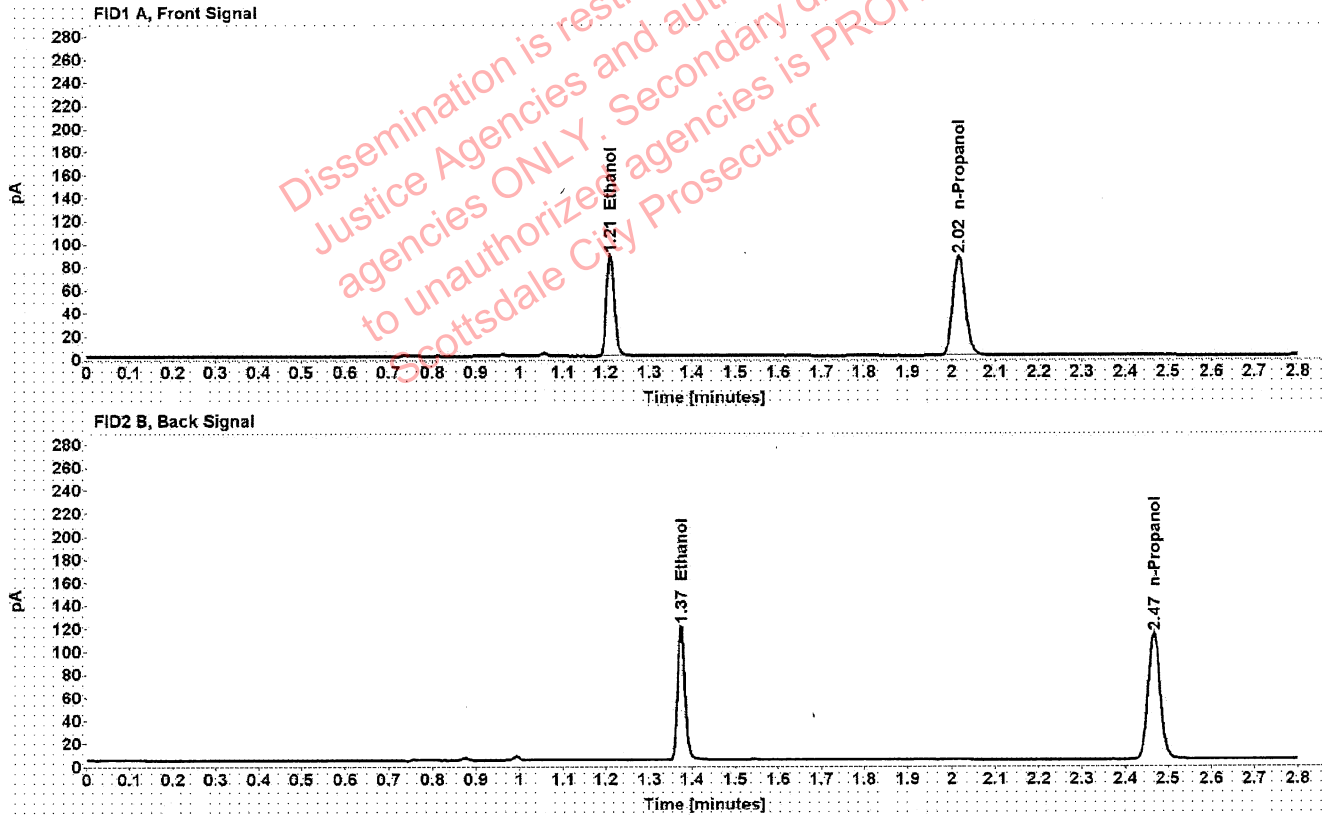


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1779	1.210	111.114
n-Propanol	-----	2.017	171.651

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

Compound	Time (min)	Peak Area
Ethanol	1.374	141.790
n-Propanol	2.467	219.061

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	39001LA	Vial:	15
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 12:08:56 PM
Data file:	C:\Chem32\1\Data\02Jun22\15.D	Analyst:	Canonico

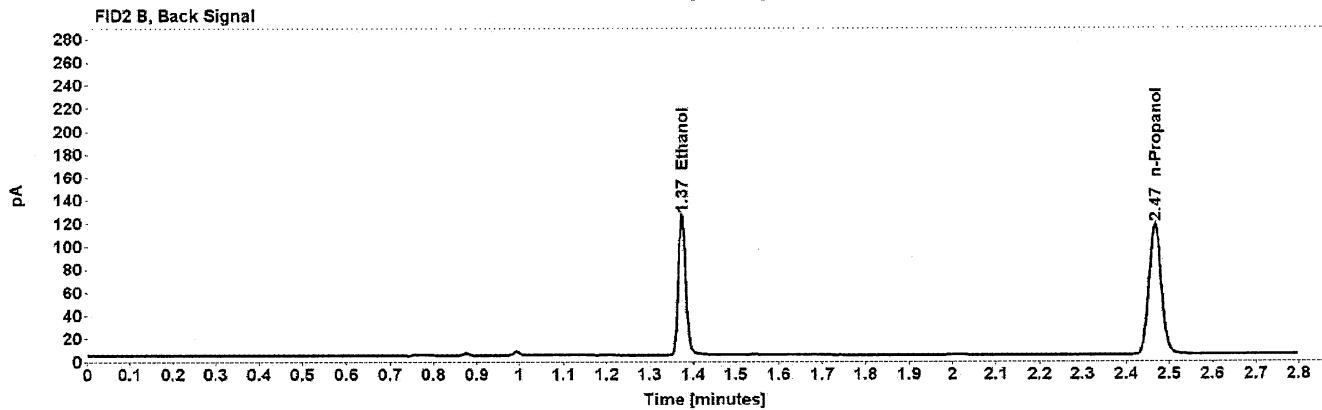
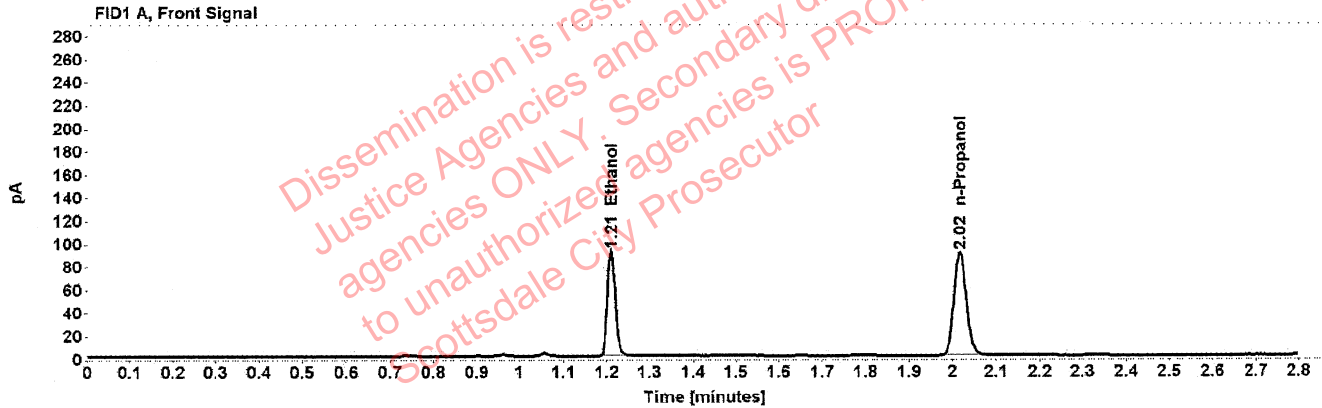


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1792	1.210	115.974
n-Propanol	-----	2.016	177.808

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

Compound	Time (min)	Peak Area
Ethanol	1.374	147.918
n-Propanol	2.467	227.042

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40901DG	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 12:12:56 PM
Data file:	C:\Chem32\1\Data\02Jun22\16.D	Analyst:	Canonico

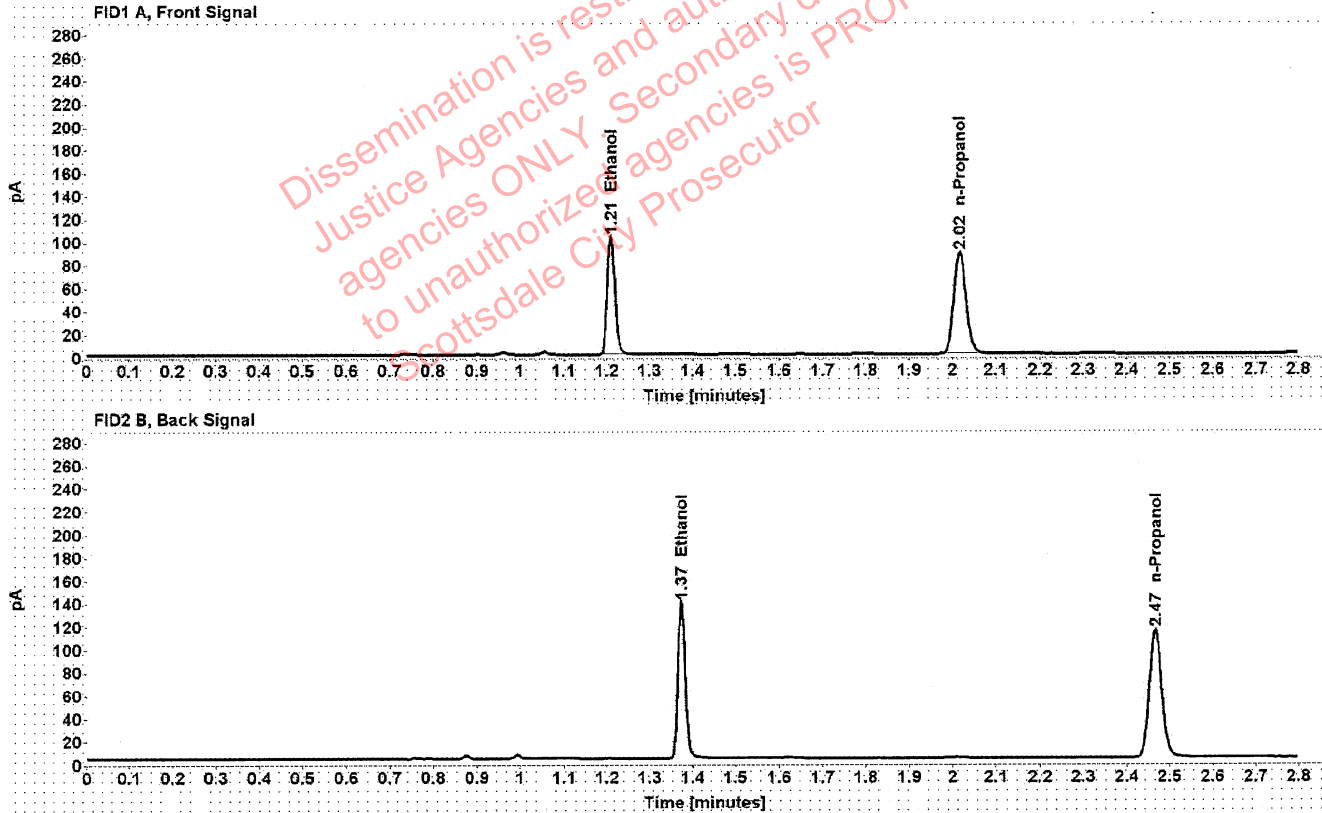


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2038	1.210	129.568
n-Propanol	-----	2.016	174.562

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

Compound	Time (min)	Peak Area
Ethanol	1.374	165.450
n-Propanol	2.467	223.245

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40901DG	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 12:16:56 PM
Data file:	C:\Chem32\1\Data\02Jun22\17.D	Analyst:	Canonico

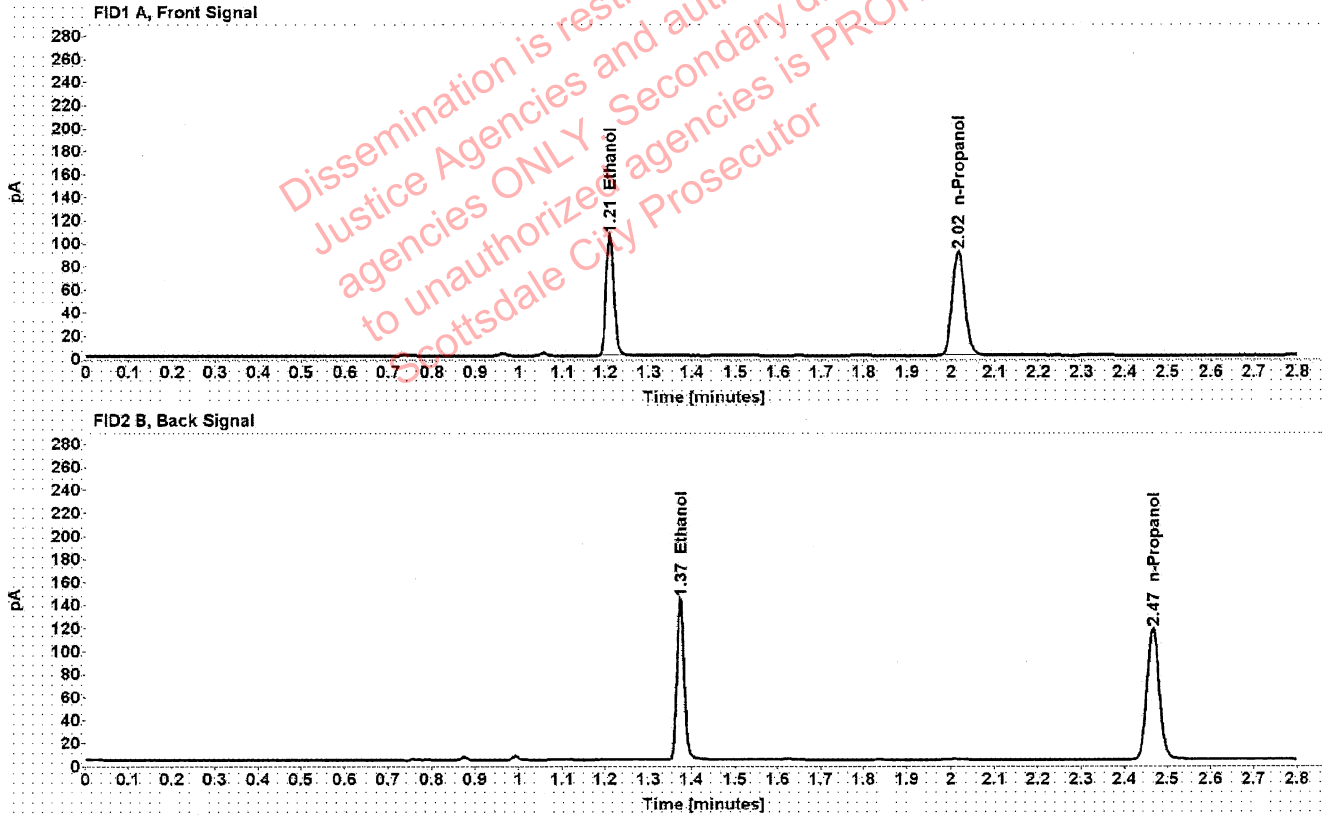


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2044	1.210	133.064
n-Propanol	-----	2.016	178.743

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

Compound	Time (min)	Peak Area
Ethanol	1.374	169.996
n-Propanol	2.467	228.647

██████████: Canonico, Erika - (03-Jun-2022)

Case: ██████████ User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	35301JF	Vial:	18
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 12:20:56 PM
Data file:	C:\Chem32\1\Data\02Jun22\18.D	Analyst:	Canonico

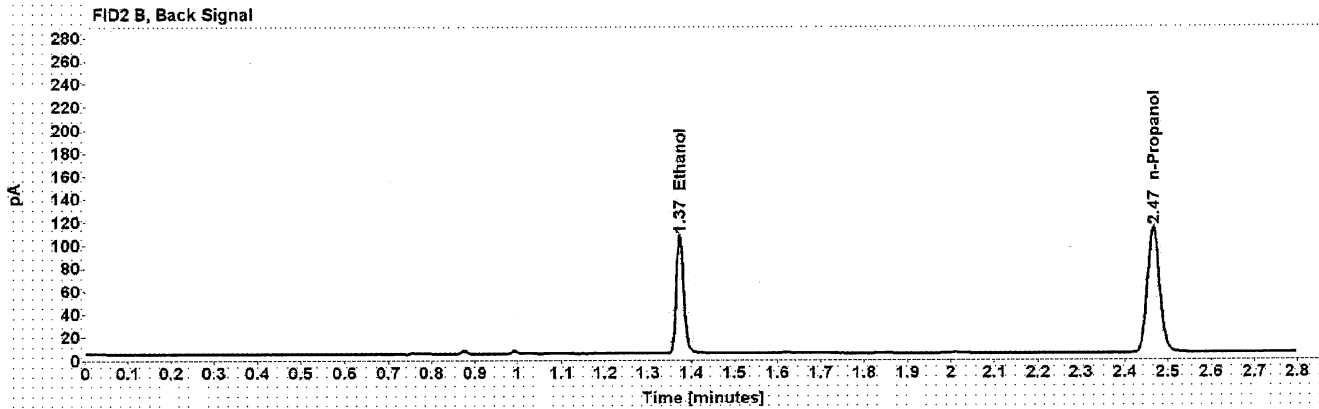
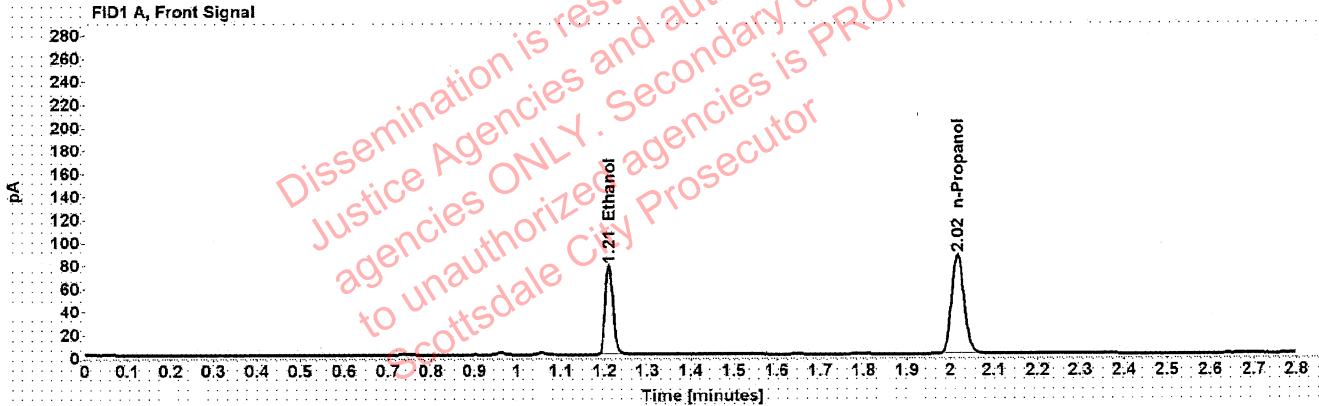


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1581	1.210	98.091
n-Propanol	-----	2.016	170.652

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

Compound	Time (min)	Peak Area
Ethanol	1.374	125.181
n-Propanol	2.467	218.266

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	35301JF	Vial:	19
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 12:25:11 PM
Data file:	C:\Chem32\1\Data\02Jun22\19.D	Analyst:	Canonico

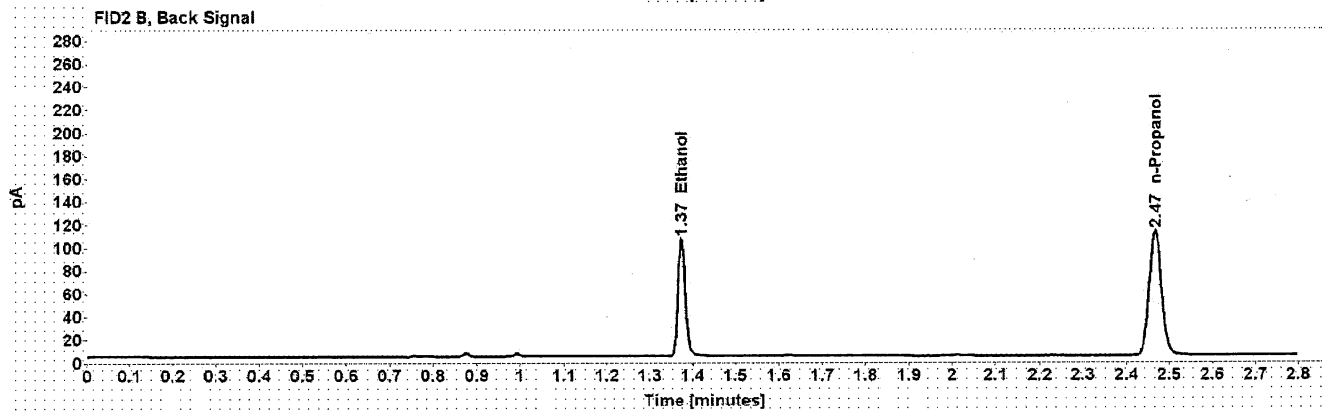
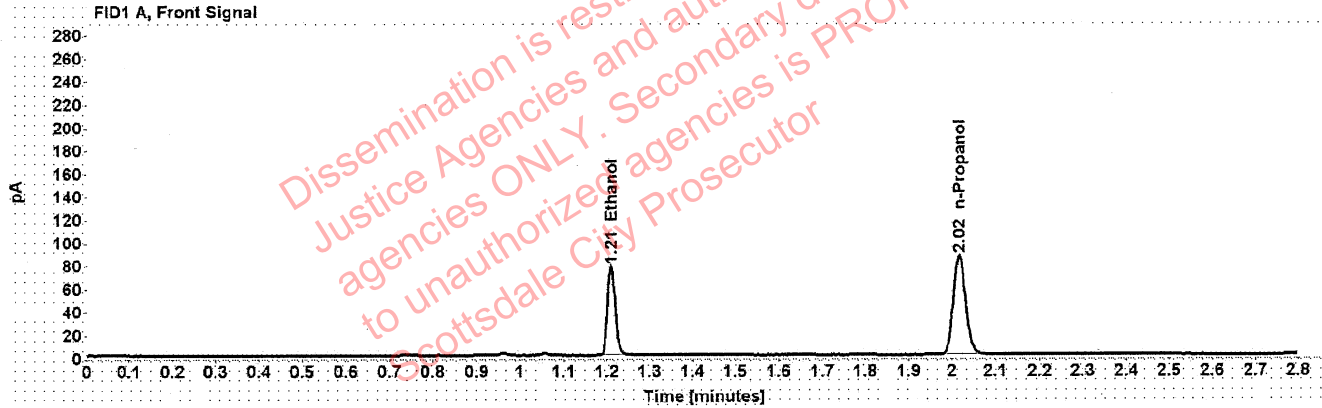


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1587	1.210	98.092
n-Propanol	-----	2.016	169.997

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

Compound	Time (min)	Peak Area
Ethanol	1.374	124.840
n-Propanol	2.467	217.531

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701JP	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 12:33:11 PM
Data file:	C:\Chem32\1\Data\02Jun22\21.D	Analyst:	Canonico

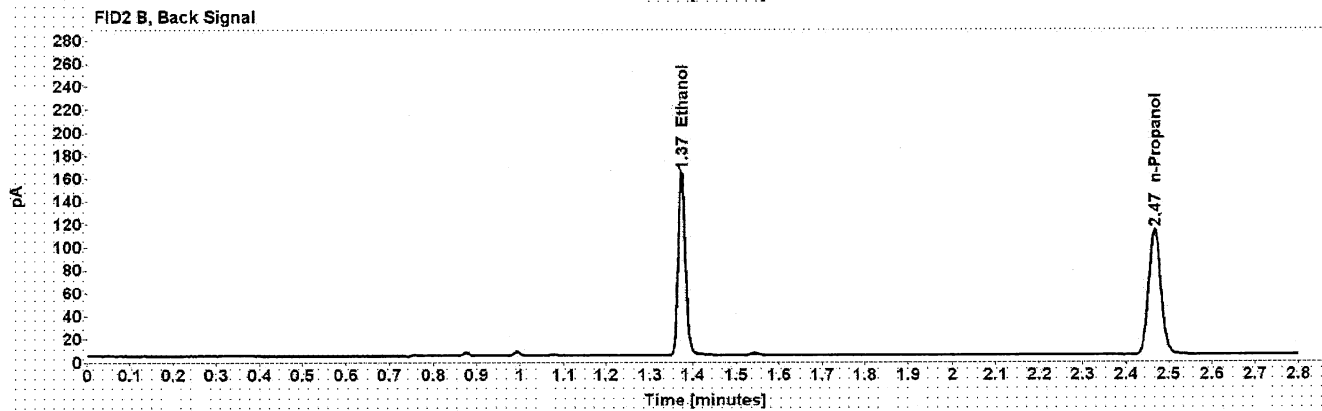
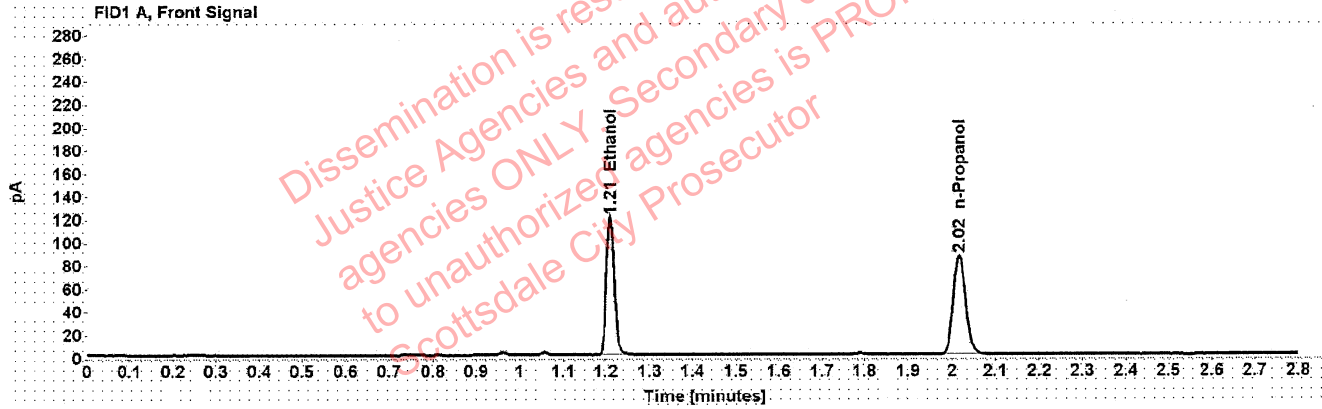


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2437	1.210	151.966
n-Propanol	-----	2.017	171.003

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

Compound	Time (min)	Peak Area
Ethanol	1.374	194.704
n-Propanol	2.467	217.830

Case: [REDACTED] : Canonico, Erika - (03-Jun-2022)

User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701JP	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 12:37:11 PM
Data file:	C:\Chem32\1\Data\02Jun22\22.D	Analyst:	Canonico

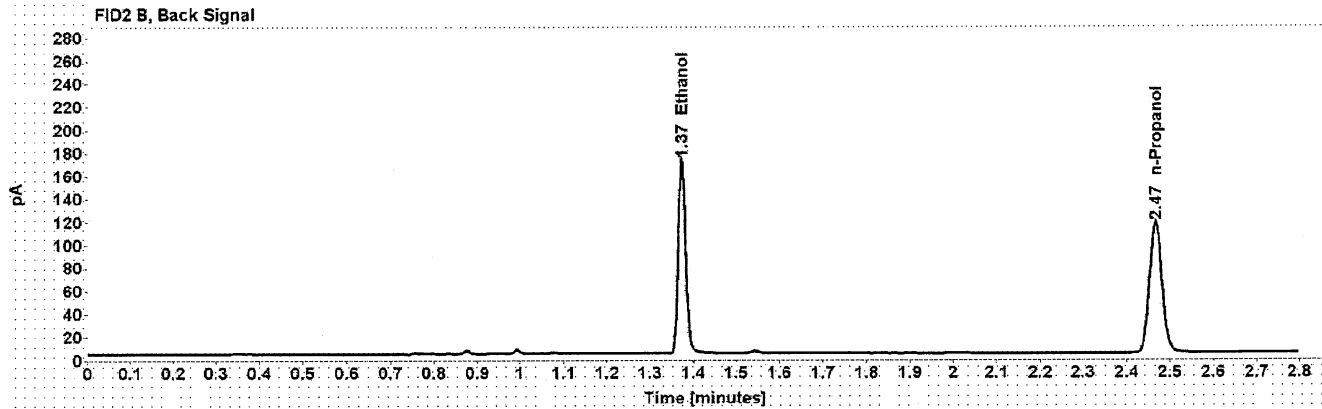
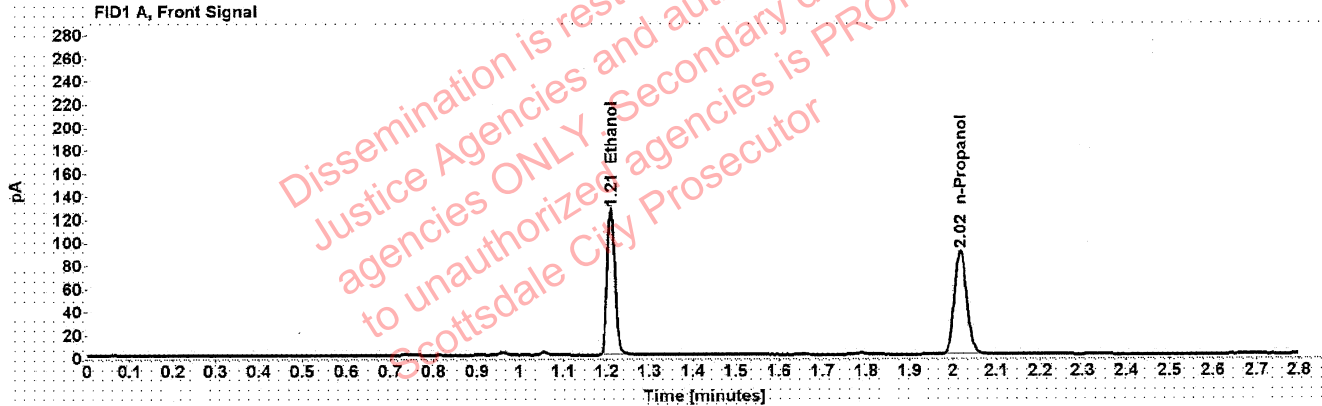


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2458	1.210	160.191
n-Propanol	-----	2.017	178.726

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

Compound	Time (min)	Peak Area
Ethanol	1.374	205.415
n-Propanol	2.467	227.671

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4011CK	Vial:	23
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 12:41:11 PM
Data file:	C:\Chem32\1\Data\02Jun22\23.D	Analyst:	Canonico

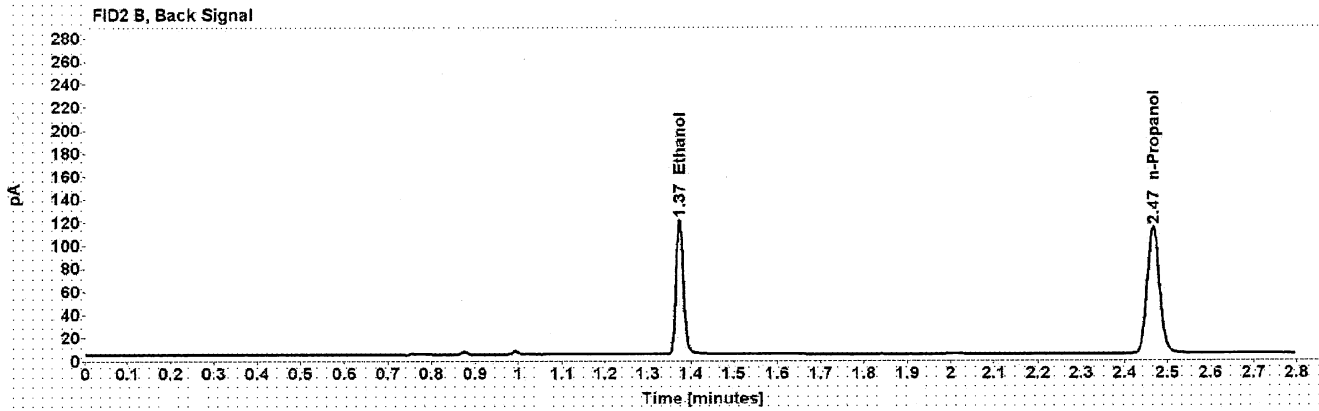
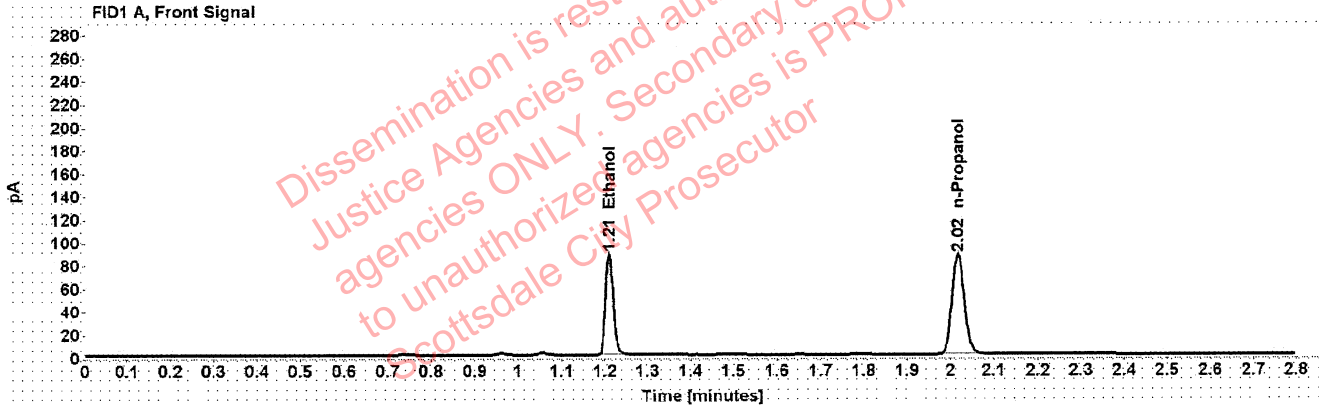


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1775	1.210	111.389
n-Propanol	-----	2.017	172.419

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

Compound	Time (min)	Peak Area
Ethanol	1.374	142.831
n-Propanol	2.467	219.992

██████████: Canonico, Erika - (03-Jun-2022)

Case: ██████████ User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4011CK	Vial:	24
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 12:45:11 PM
Data file:	C:\Chem32\1\Data\02Jun22\24.D	Analyst:	Canonico

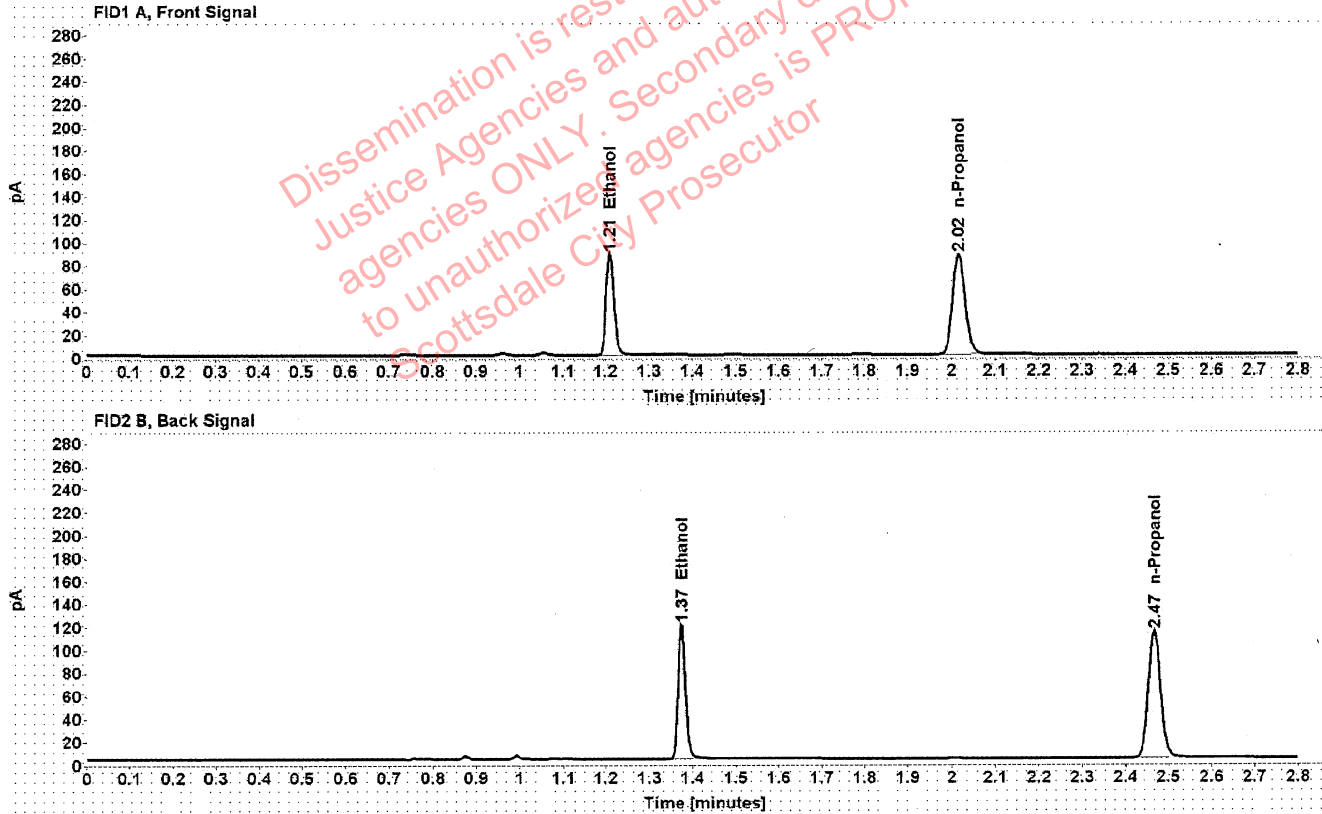


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1776	1.210	111.781
n-Propanol	-----	2.016	172.937

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

Compound	Time (min)	Peak Area
Ethanol	1.374	142.609
n-Propanol	2.467	220.645

[REDACTED]: Canonico, Erika - (03-Jun-2022)

Case: [REDACTED] User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	39001OE	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 12:49:26 PM
Data file:	C:\Chem32\1\Data\02Jun22\25.D	Analyst:	Canonico

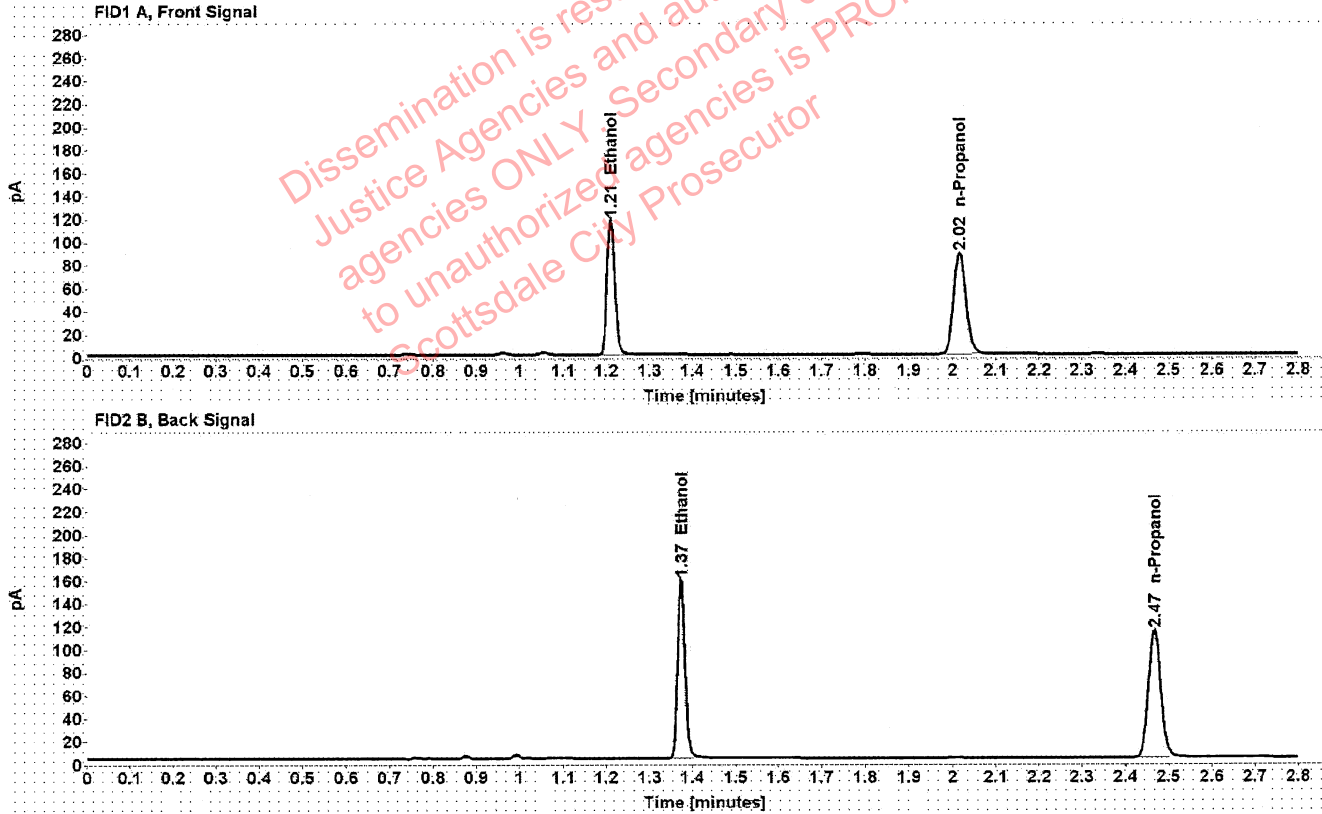


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2334	1.210	148.419
n-Propanol	-----	2.016	174.414

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

Compound	Time (min)	Peak Area
Ethanol	1.374	189.347
n-Propanol	2.467	222.360

[REDACTED]: Canonico, Erika - (03-Jun-2022)

Case: [REDACTED] User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	39001OE	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 12:53:26 PM
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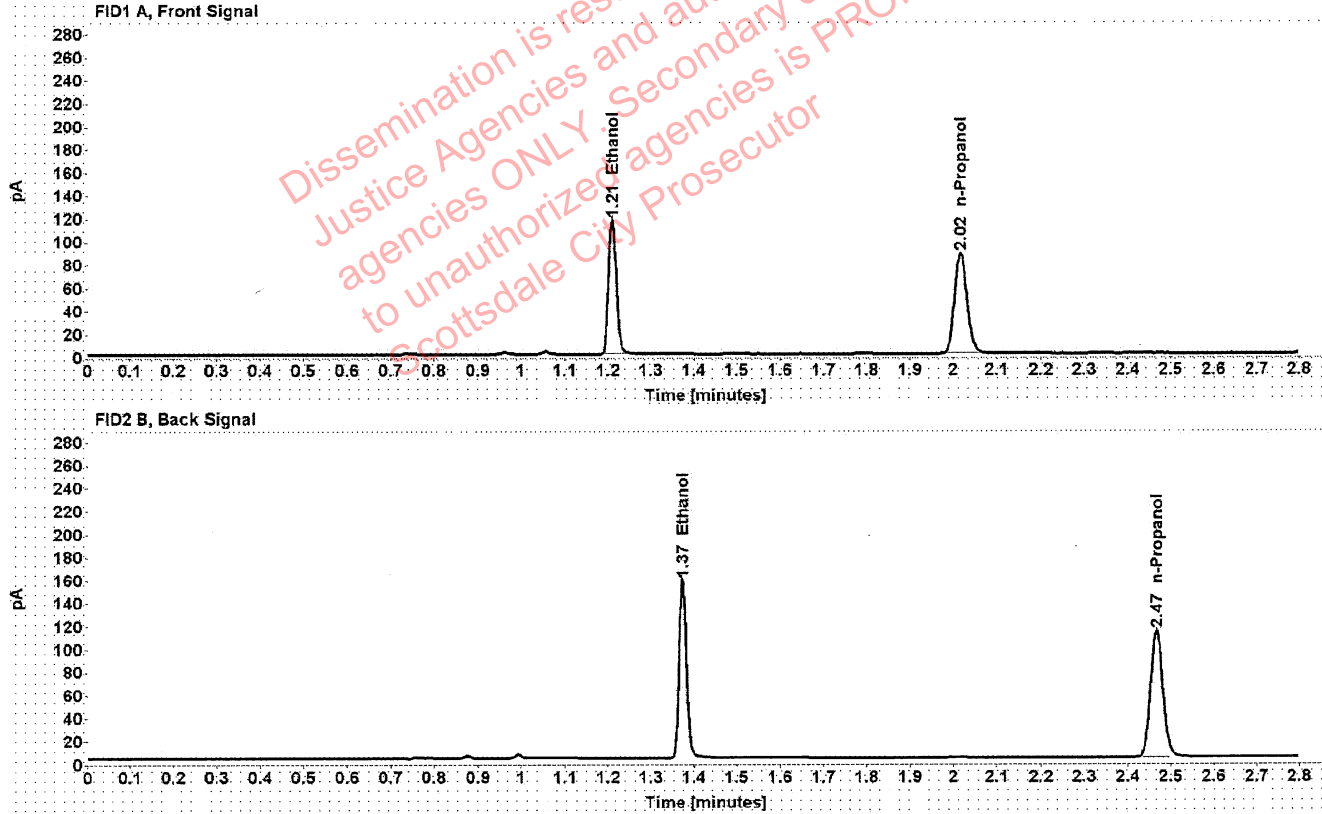


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2330	1.210	147.395
n-Propanol	-----	2.016	173.510

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

Compound	Time (min)	Peak Area
Ethanol	1.374	188.475
n-Propanol	2.467	221.227

Case: [REDACTED] : Canonico, Erika - (03-Jun-2022)

User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401012	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 12:57:25 PM
Data file:	C:\Chem32\1\Data\02Jun22\27.D	Analyst:	Canonico

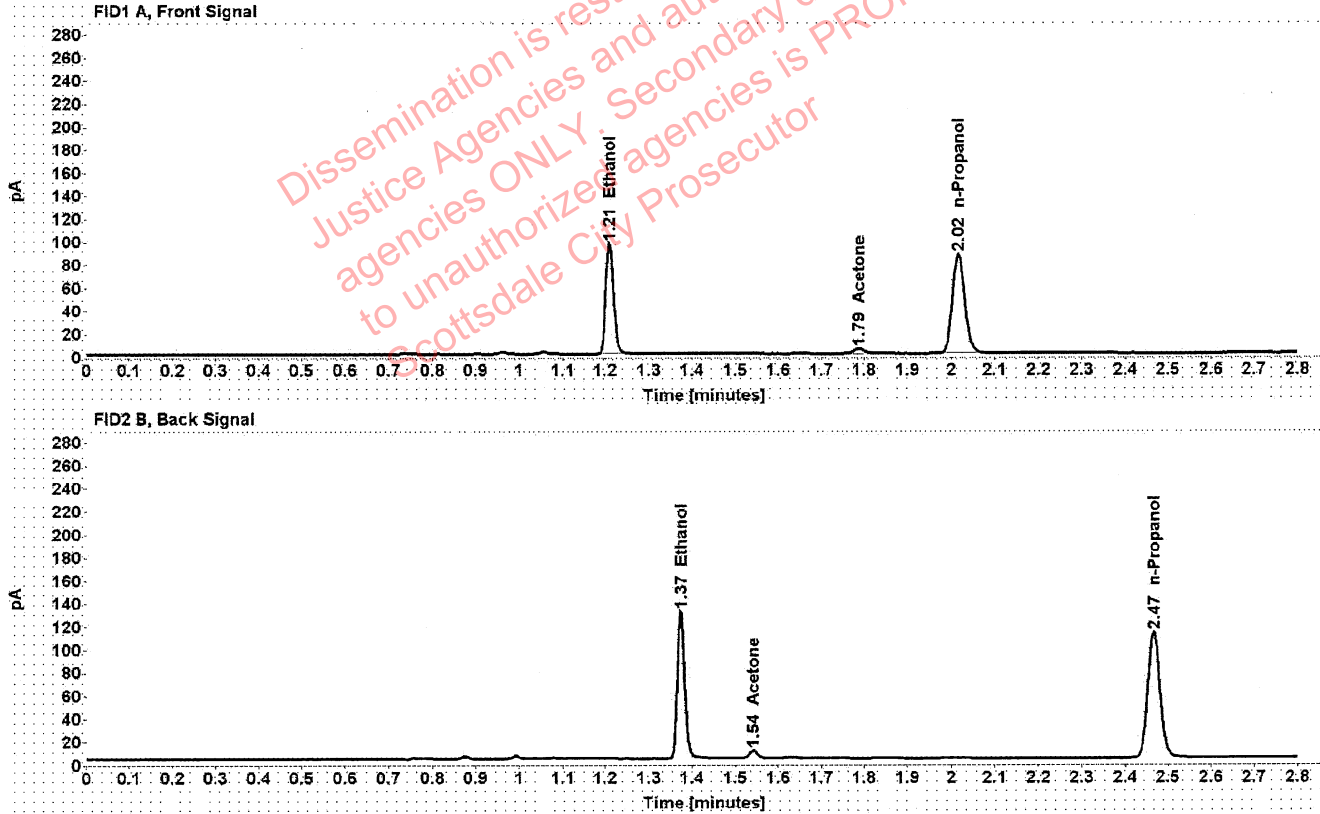


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1956	1.210	122.127
Acetone	-----	1.787	7.189
n-Propanol	-----	2.017	171.423

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

Compound	Time (min)	Peak Area
Ethanol	1.374	155.941
Acetone	1.542	9.113
n-Propanol	2.467	219.008

[REDACTED]: Canonico, Erika - (03-Jun-2022)

Case: [REDACTED] User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401012	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 1:01:25 PM
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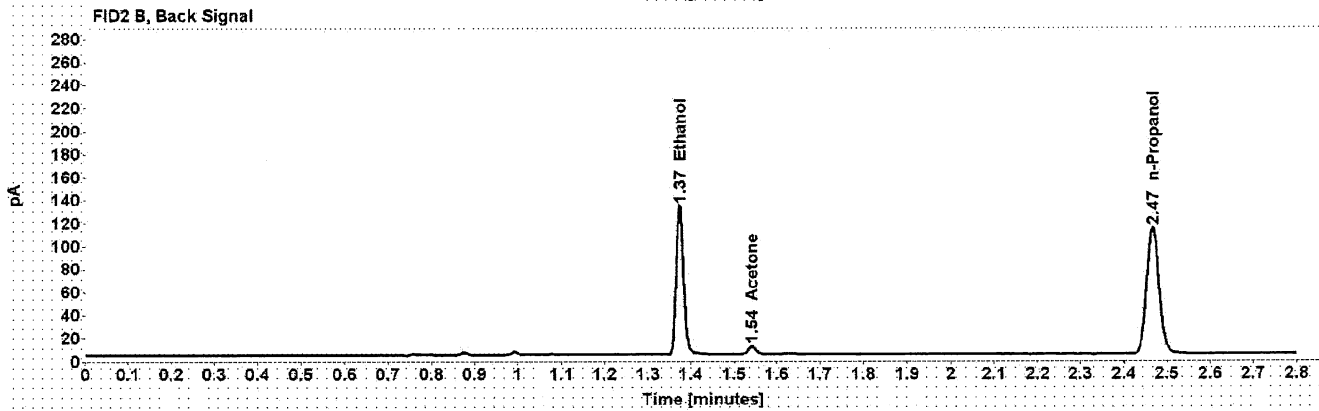
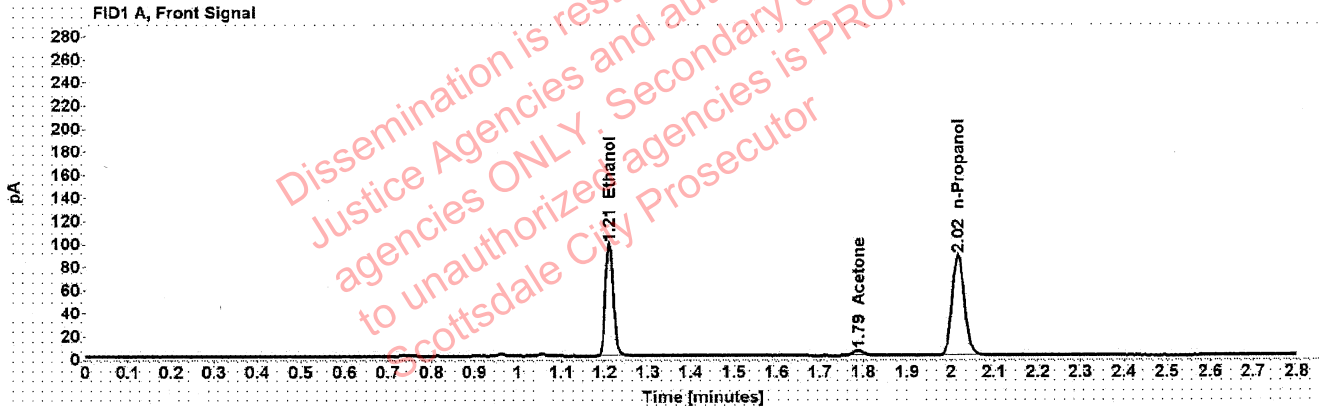


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1965	1.210	124.011
Acetone	-----	1.787	7.233
n-Propanol	-----	2.017	173.265

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

Compound	Time (min)	Peak Area
Ethanol	1.374	158.299
Acetone	1.542	9.169
n-Propanol	2.467	221.506

[REDACTED]: Canonico, Erika - (03-Jun-2022)

Case: [REDACTED] User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1423935	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 1:05:25 PM
Data file:	C:\Chem32\1\Data\02Jun22\29.D	Analyst:	Canonico

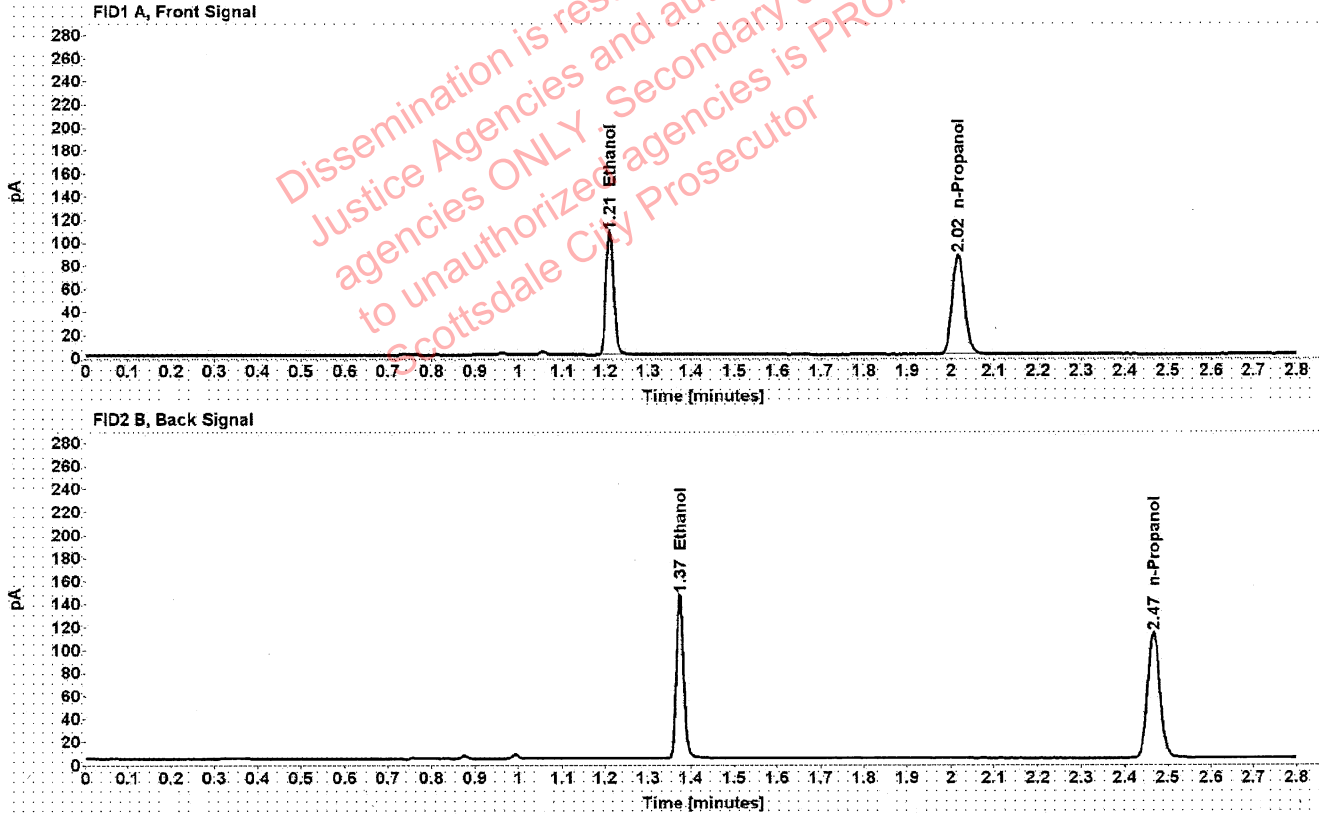


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2166	1.210	135.618
n-Propanol	-----	2.017	171.830

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

Compound	Time (min)	Peak Area
Ethanol	1.374	173.196
n-Propanol	2.467	219.441

██████████ : Canonico, Erika - (03-Jun-2022)

Case: ██████████ User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1423935	Vial:	30
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 1:09:26 PM
Data file:	C:\Chem32\1\Data\02Jun22\30.D	Analyst:	Canonico

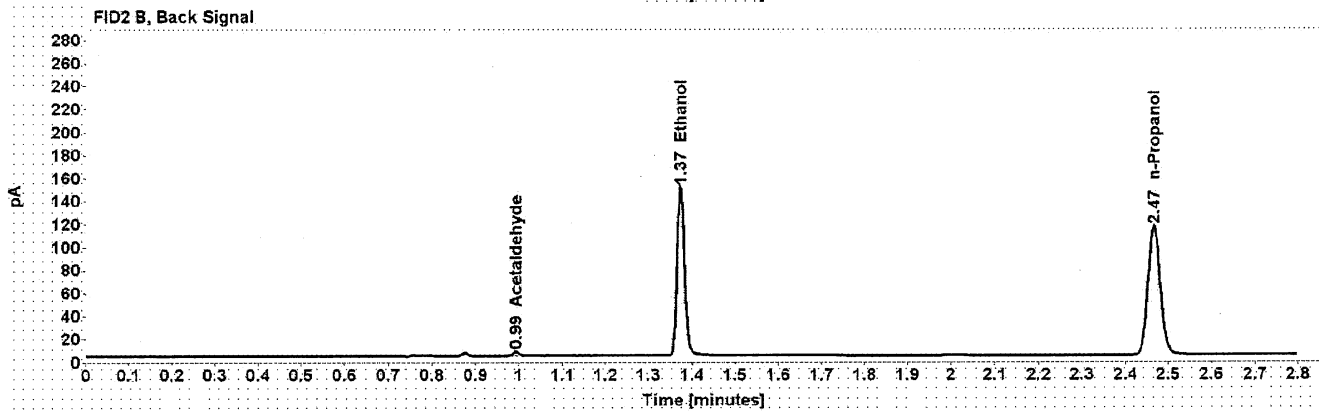
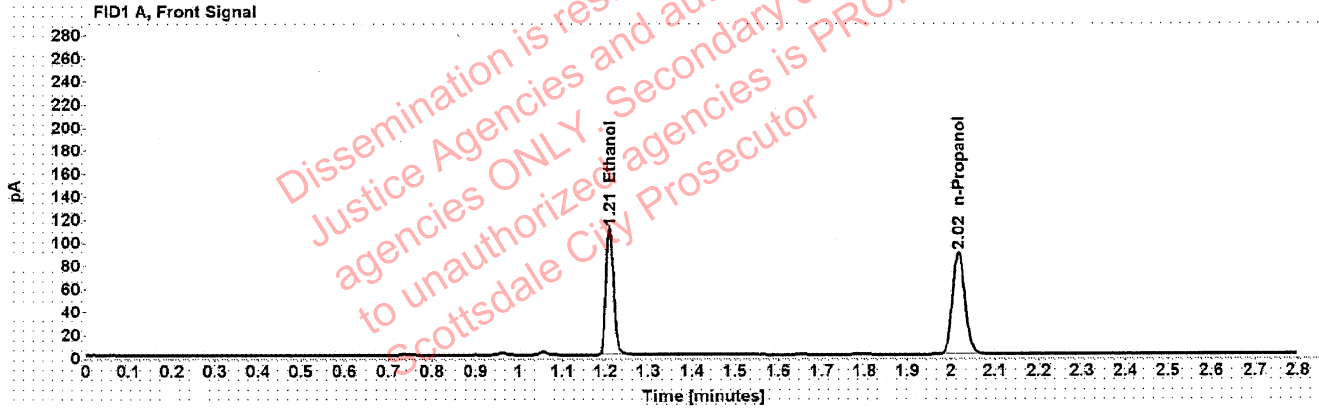


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2179	1.210	139.919
n-Propanol	-----	2.017	176.195

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.757
Ethanol	1.374	180.089
n-Propanol	2.467	224.922

: Canonico, Erika - (03-Jun-2022)

Case: [REDACTED] User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1423990	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 1:17:41 PM
Data file:	C:\Chem32\1\Data\02Jun22\32.D	Analyst:	Canonico

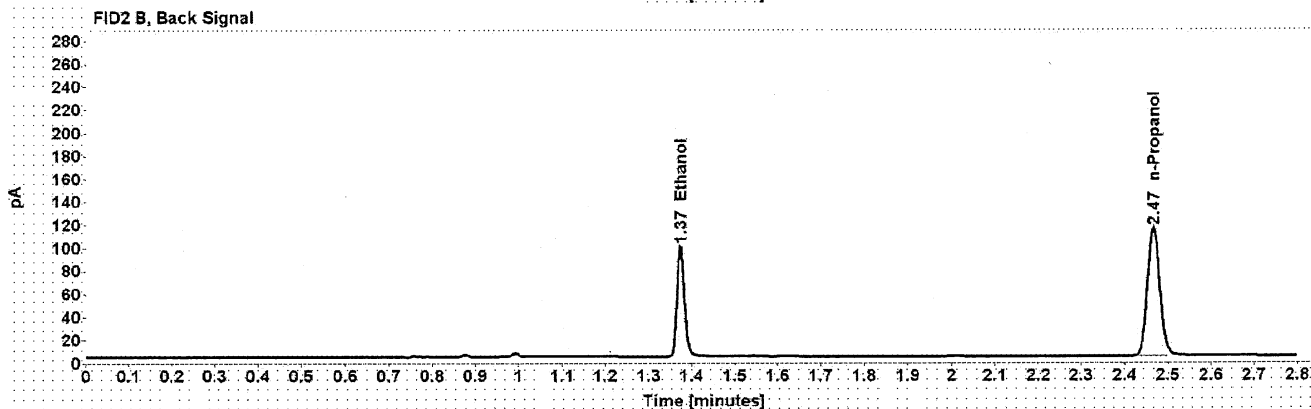
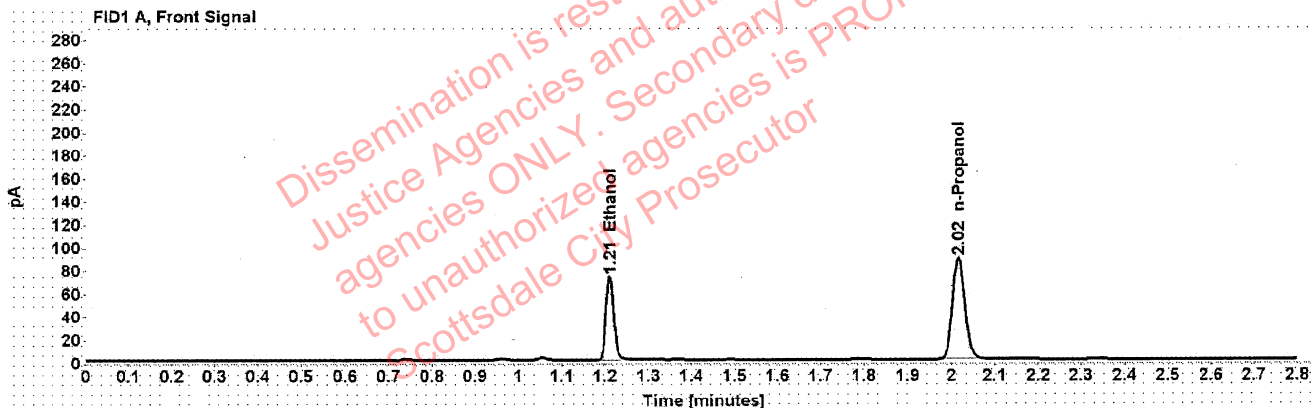


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1443	1.210	91.865
n-Propanol	-----	2.016	175.161

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

Compound	Time (min)	Peak Area
Ethanol	1.374	117.396
n-Propanol	2.467	223.226

[REDACTED]: Canonico, Erika - (03-Jun-2022)

Case: [REDACTED] User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1423990	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 1:21:41 PM
Data file:	C:\Chem32\1\Data\02Jun22\33.D	Analyst:	Canonico

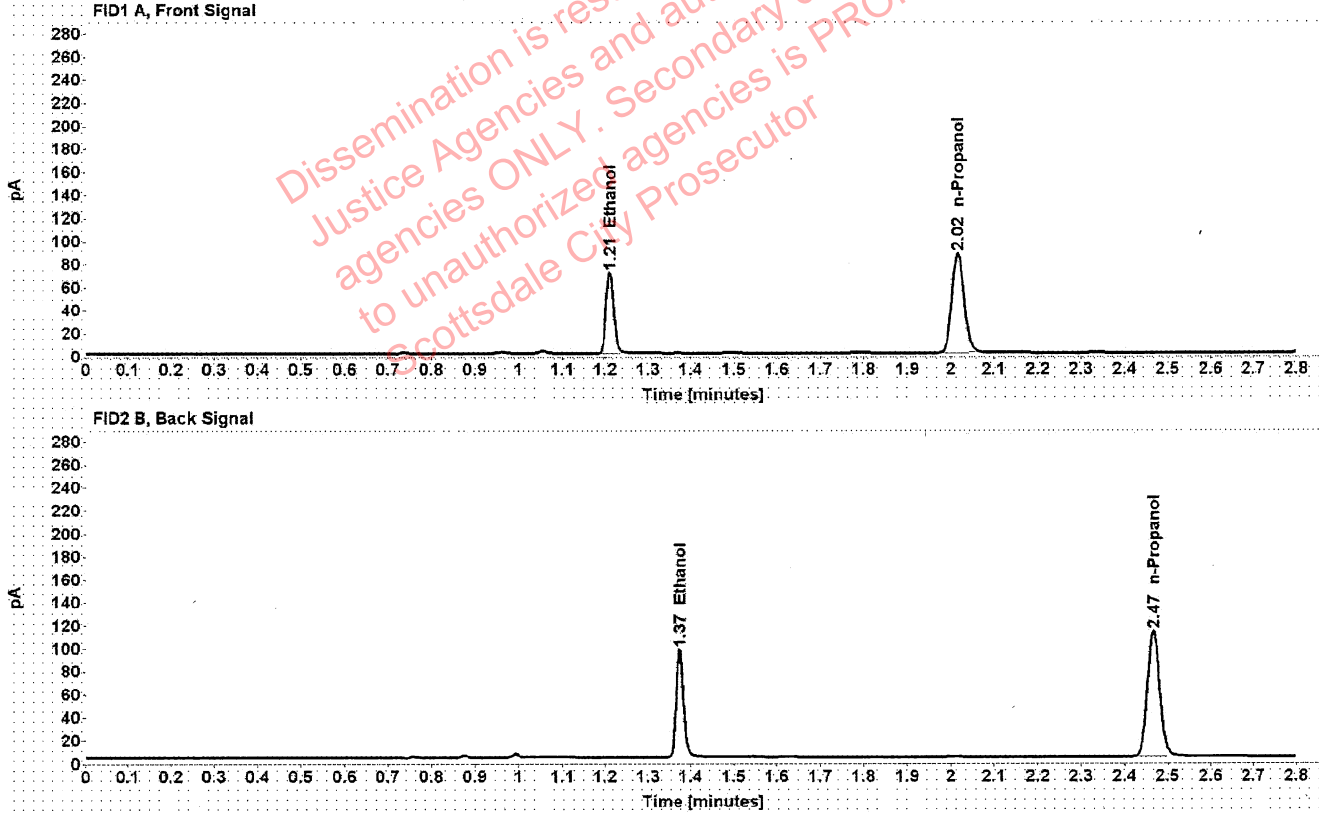


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1435	1.210	89.487
n-Propanol	-----	2.016	171.686

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

Compound	Time (min)	Peak Area
Ethanol	1.374	113.897
n-Propanol	2.467	218.964

Case: [REDACTED] : Canonico, Erika - (03-Jun-2022)

User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1424275	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 1:25:40 PM
Data file:	C:\Chem32\1\Data\02Jun22\34.D	Analyst:	Canonico

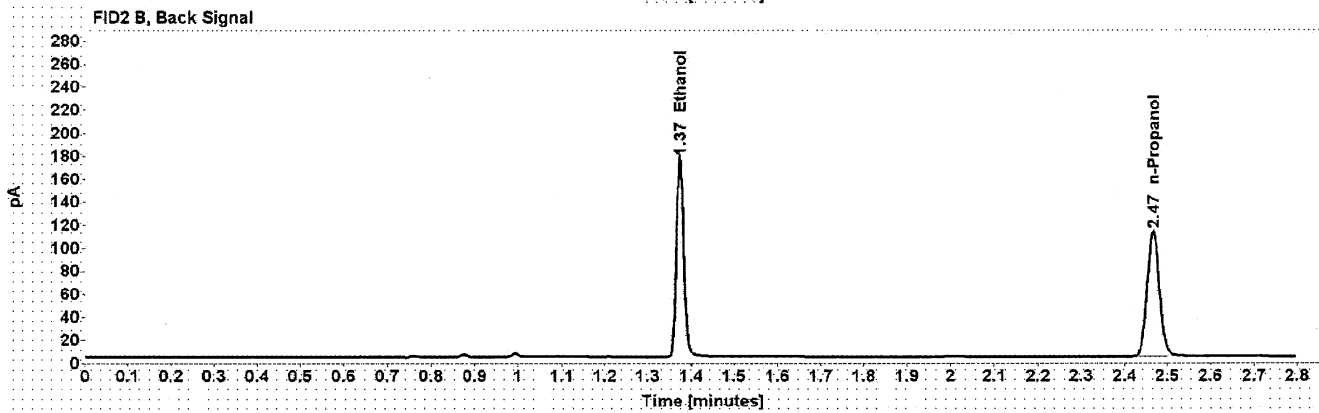
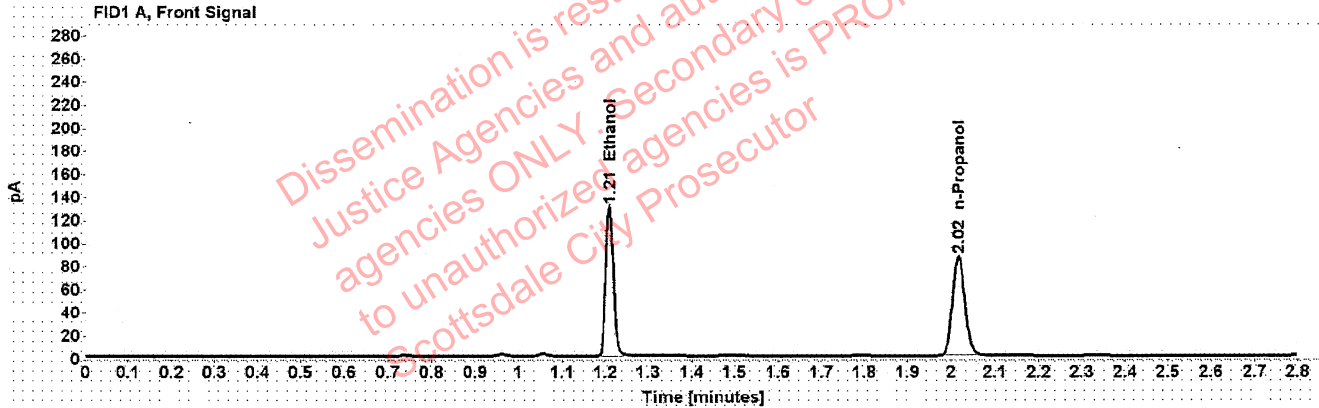


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2625	1.210	164.532
n-Propanol	-----	2.016	171.826

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

Compound	Time (min)	Peak Area
Ethanol	1.374	210.525
n-Propanol	2.467	219.002

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1424275	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 1:29:40 PM
Data file:	C:\Chem32\1\Data\02Jun22\35.D	Analyst:	Canonico

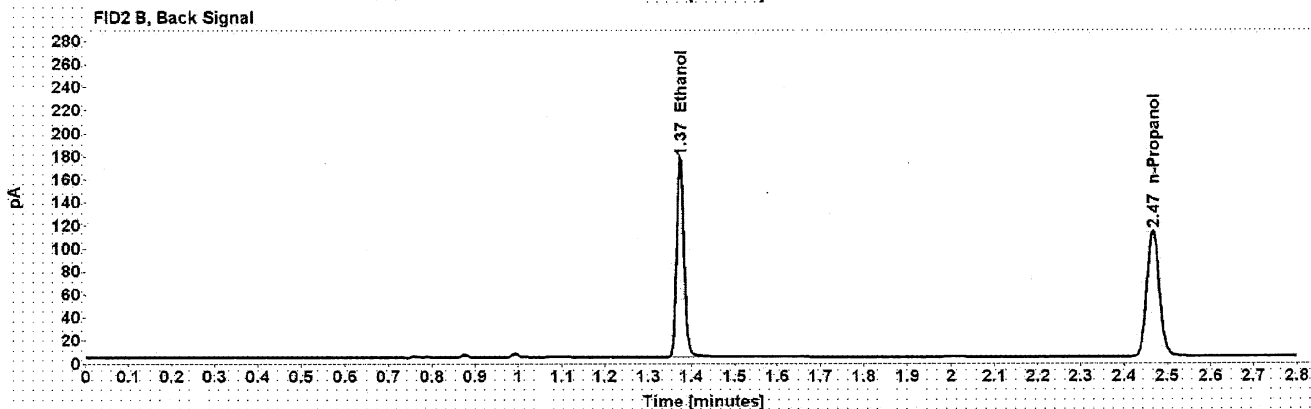
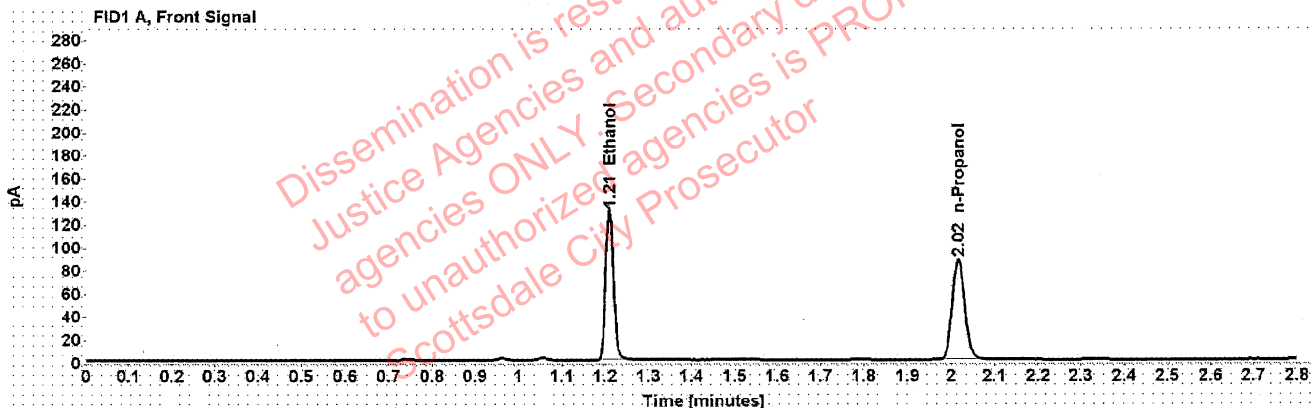


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2620	1.210	164.981
n-Propanol	-----	2.016	172.635

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

Compound	Time (min)	Peak Area
Ethanol	1.374	212.613
n-Propanol	2.467	220.131

██████████: Canonico, Erika - (03-Jun-2022)

Case: ██████████ User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1424437	Vial:	36
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 1:33:41 PM
Data file:	C:\Chem32\1\Data\02Jun22\36.D	Analyst:	Canonico

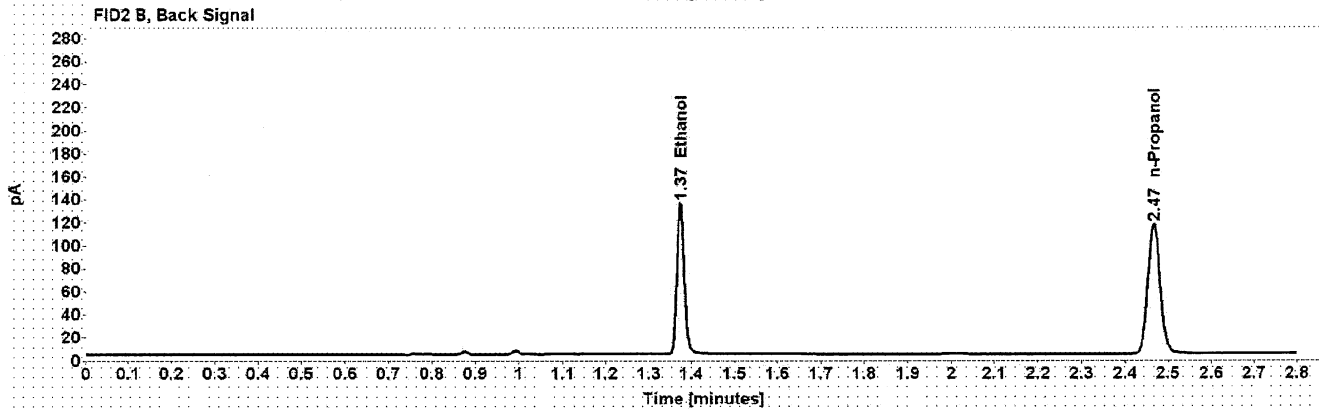
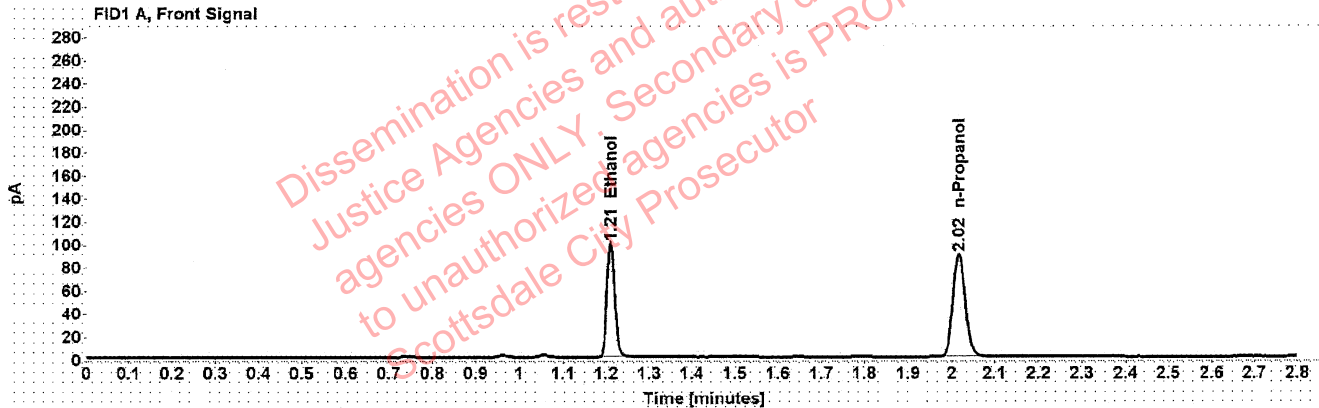


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1943	1.210	125.450
n-Propanol	-----	2.016	177.341

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

Compound	Time (min)	Peak Area
Ethanol	1.374	160.265
n-Propanol	2.467	226.437

[REDACTED]: Canonico, Erika - (03-Jun-2022)

Case: [REDACTED] User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1424437	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 1:37:56 PM
Data file:	C:\Chem32\1\Data\02Jun22\37.D	Analyst:	Canonico

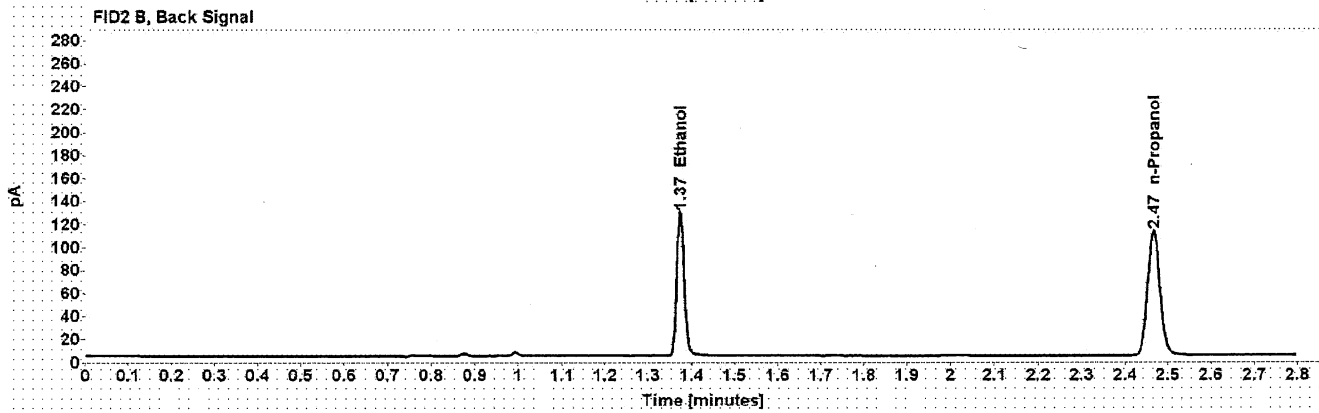
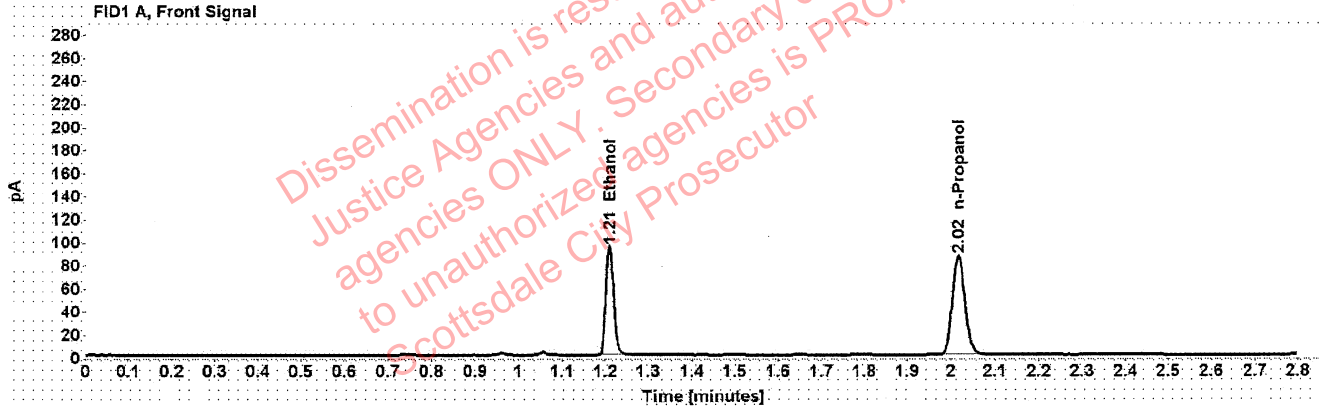


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1928	1.210	119.661
n-Propanol	-----	2.017	170.450

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

Compound	Time (min)	Peak Area
Ethanol	1.374	152.590
n-Propanol	2.467	217.402

[REDACTED]: Canonico, Erika - (03-Jun-2022)

Case: [REDACTED] User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1391680	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 1:41:56 PM
Data file:	C:\Chem32\1\Data\02Jun22\38.D	Analyst:	Canonico

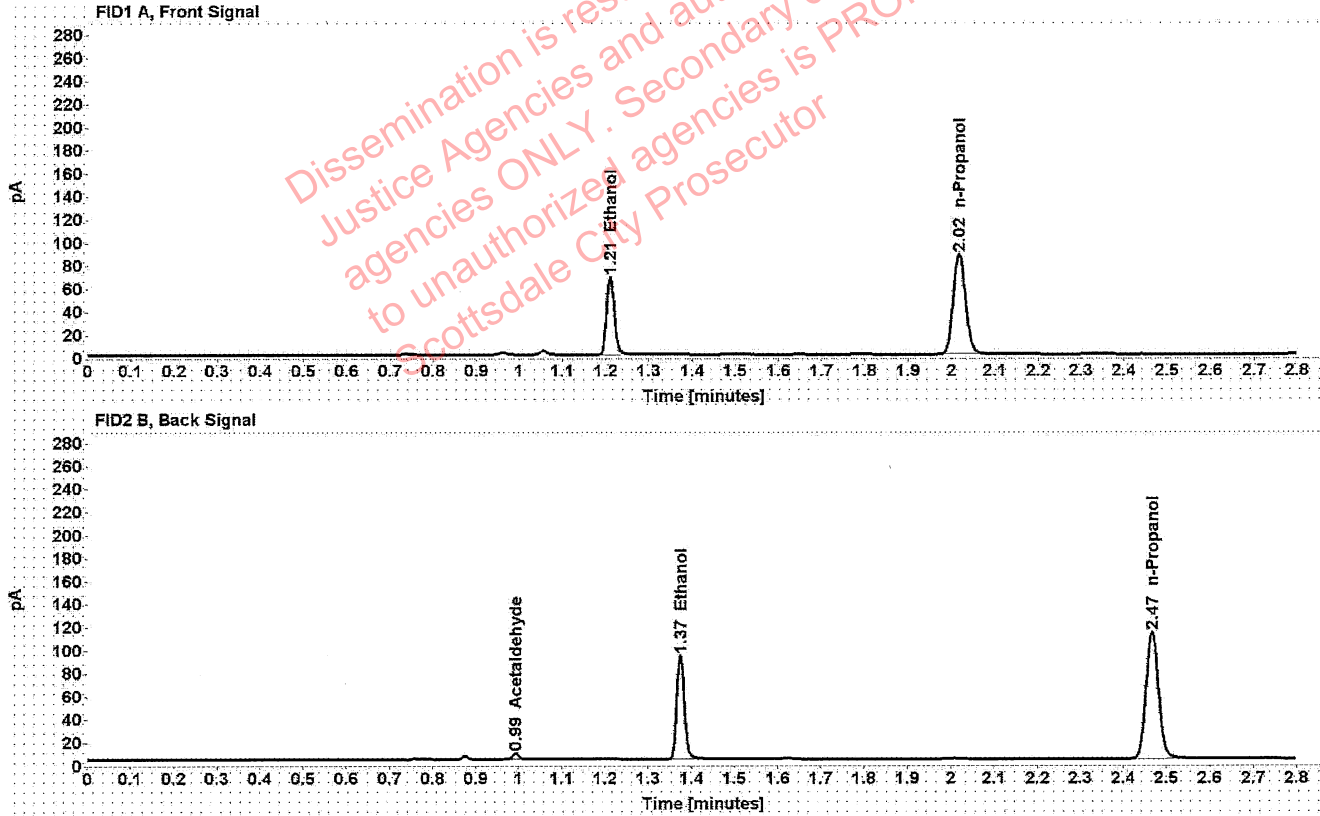


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1378	1.211	86.233
n-Propanol	-----	2.017	172.292

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.839
Ethanol	1.374	110.088
n-Propanol	2.467	220.587

[REDACTED]: Canonico, Erika - (03-Jun-2022)

Case: [REDACTED] User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1391680	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 1:45:56 PM
Data file:	C:\Chem32\1\Data\02Jun22\39.D	Analyst:	Canonico

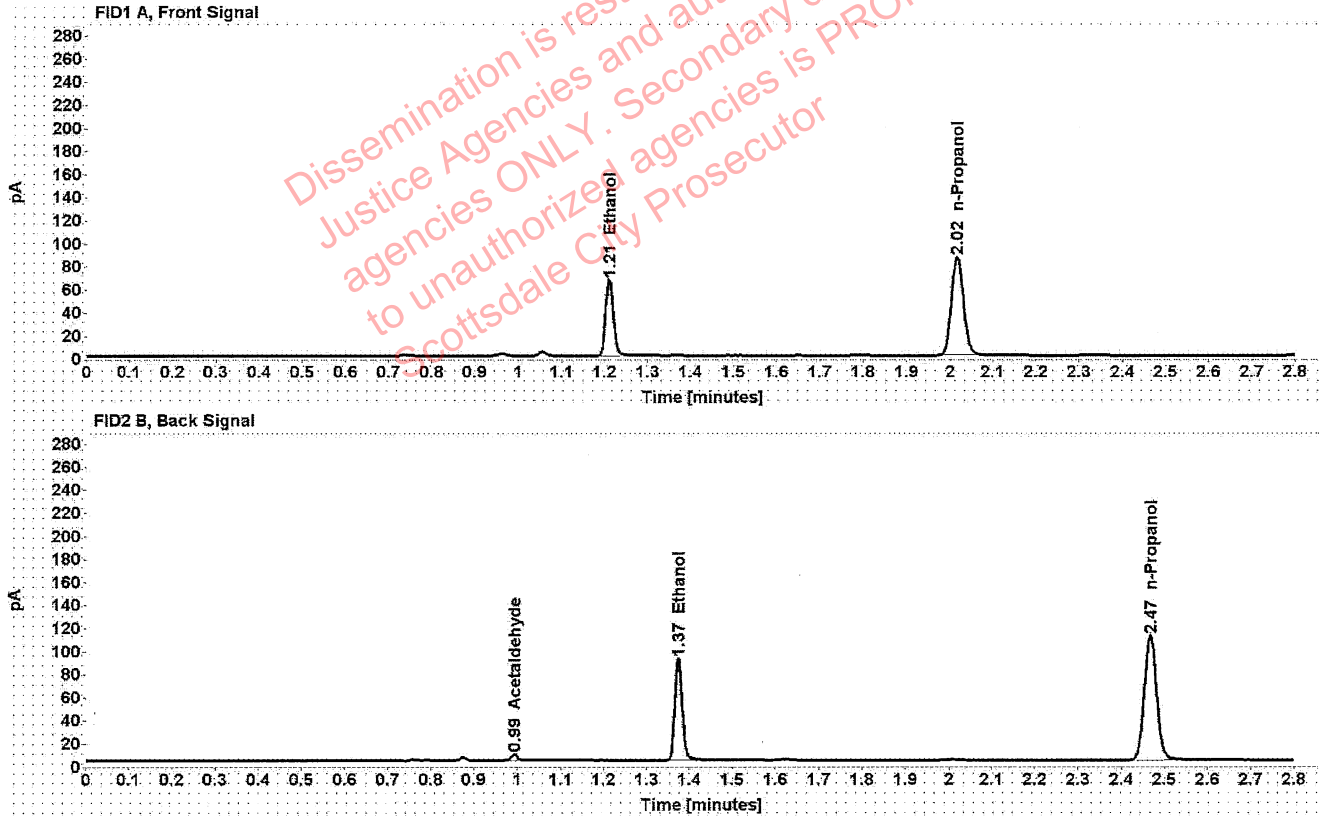


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1372	1.211	84.397
n-Propanol	-----	2.017	169.360

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.914
Ethanol	1.374	107.422
n-Propanol	2.467	216.867

██████████: Canonico, Erika - (03-Jun-2022)

Case: ██████████ User: ecanonico 6/3/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1425009	Vial:	40
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 1:49:55 PM
Data file:	C:\Chem32\1\Data\02Jun22\40.D	Analyst:	Canonico

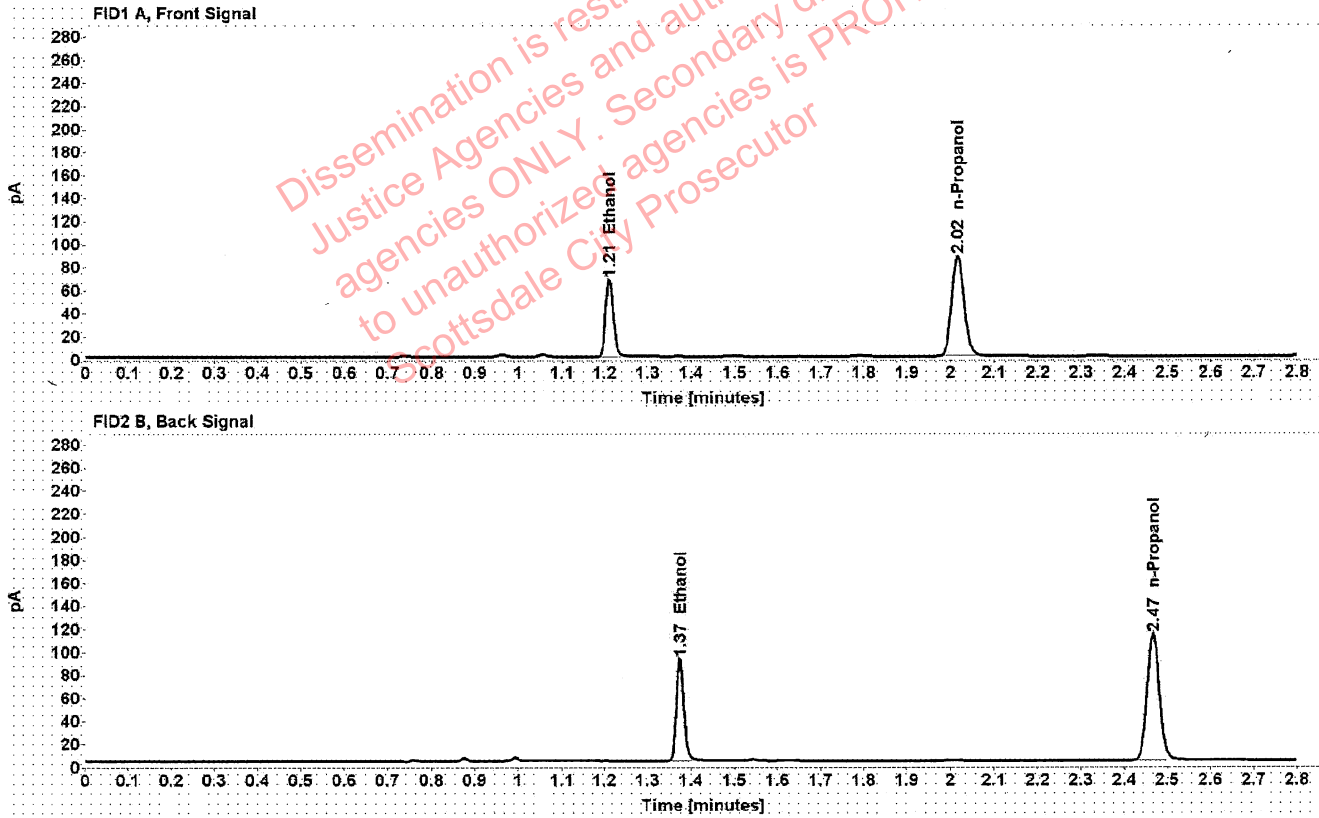


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1358	1.211	85.202
n-Propanol	-----	2.017	172.739

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

Compound	Time (min)	Peak Area
Ethanol	1.374	108.809
n-Propanol	2.467	220.401

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1425009	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Jun22
Instrument:	US14173023 CN14160045	Injection date:	6/2/2022 1:53:55 PM
Data file:	C:\Chem32\1\Data\02Jun22\41.D	Analyst:	Canonico

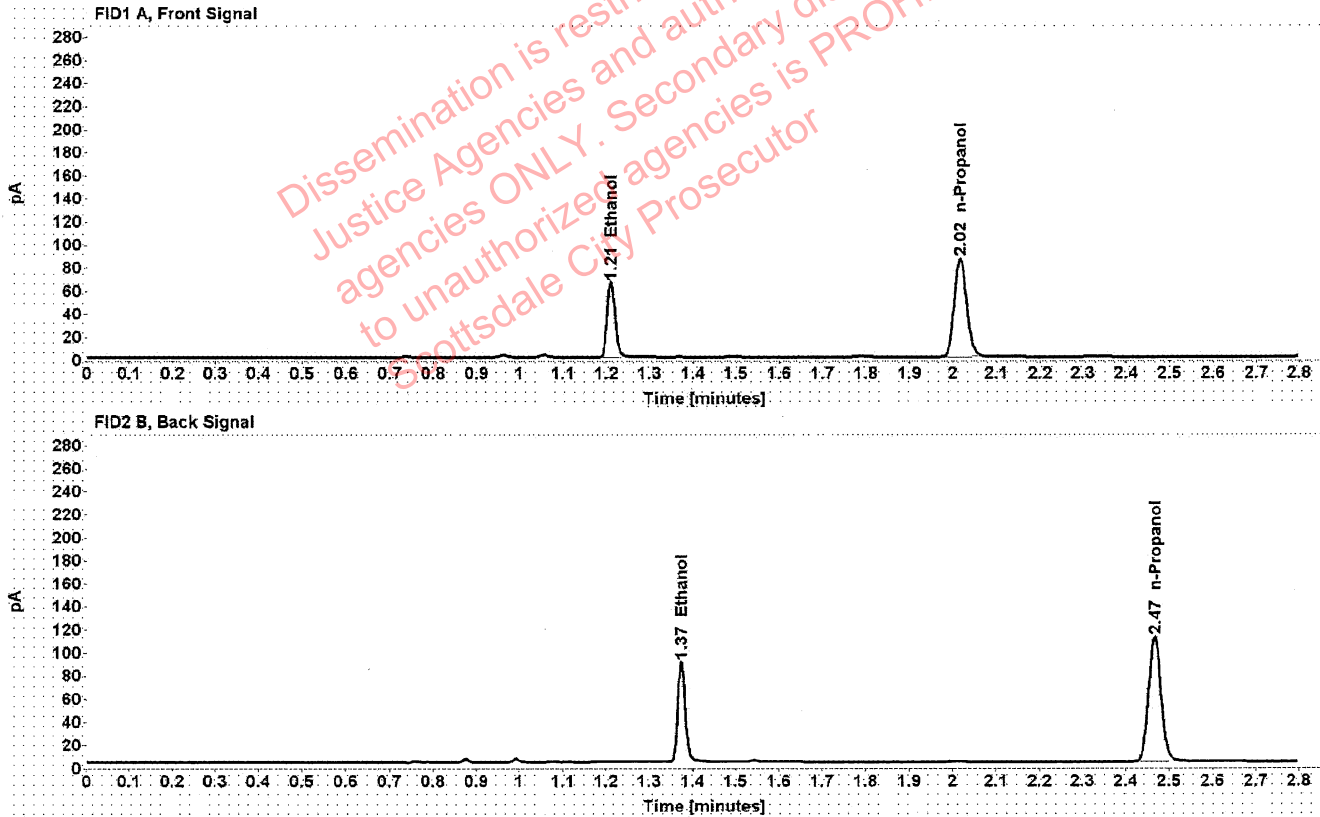


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1345	1.210	83.056
n-Propanol	-----	2.016	170.041

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

Compound	Time (min)	Peak Area
Ethanol	1.374	105.944
n-Propanol	2.467	217.006