Left Column

Lab name: SRI Final test
Client: Indiana Univ
Client ID: N10812
Analysis date: 03/21/2025 11:01:19
Method: MG#5 one carrier
Description: FIDmeth medgain 300C
Column: 12" Hay D+12"MS5A
Carrier: Argon@30psi
Integration: Peak sens=70.0 Base sens=60.0 Min area= 0.10 Standard
Data file: Pedro-FPD78.CHR ()
Sample: Room air using MS5A column
Comments: FID makeup=0p Air=5psi

Temperature program:

Init temp	Hold	Ramp	Final temp
50.00	2.000	20.000	90.00
90.00	6.000	30.000	270.00
270.00	4.000	0.000	270.00

Events:

Time	Event
0.000	ZERO
0.000	SOUND
0.020	G ON (Valve1)
1.000	G OFF (Valve1)

FID METH (handwritten)

AMBIENT CH4 ≈ 2ppm (handwritten)

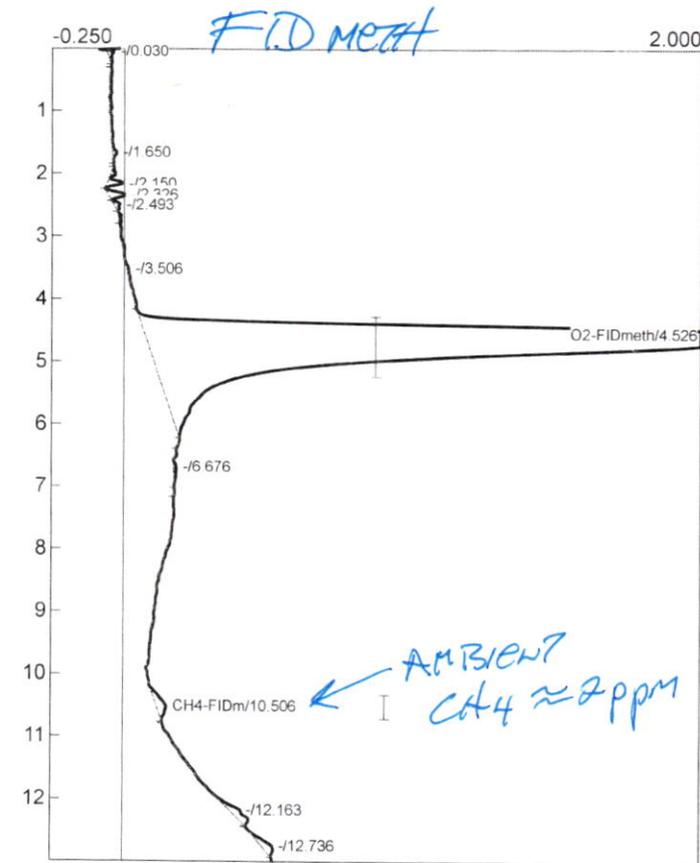| Component	Retention	Area	Internal	Units
O2-FIDmeth	4.526	74.4066	196.8227	ppm
CH4-FIDm	10.506	0.6232	1.5153	ppm
C2H2+C2H4+C2H6FIDm	17.103	566.4333	773.1645	ppm
C2H6-FIDm	18.996	7.0748	21.3291	ppm
		648.5379	992.8315	

Right Column

Lab name: SRI Final test
Client: Indiana Univ
Client ID: N10812
Analysis date: 03/21/2025 11:01:19
Method: MG#5 one carrier
Description: TCD lowcurrent 100C
Column: 12" Hay D+12"MS5A
Carrier: Argon@30psi
Integration: Peak sens=95.0 Base sens=10.0 Min area= 10.00 Standard
Data file: MercedPID153.chr ()
Sample: Room air using MS5A column
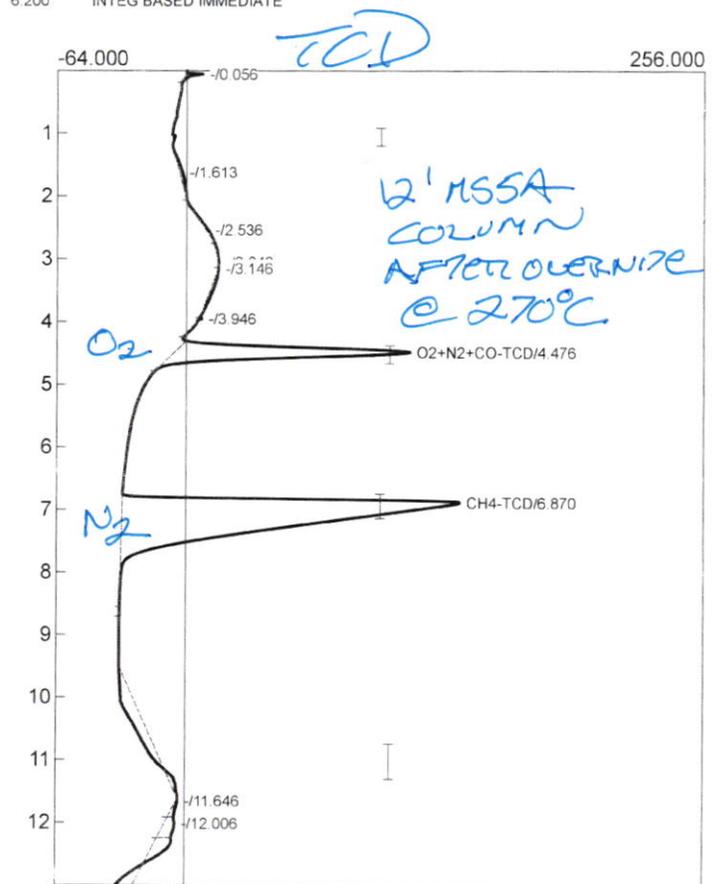Comments: FID makeup=0p Air=5psi

Temperature program:

Init temp	Hold	Ramp	Final temp

Events:

Time	Event
0.000	ZERO
0.500	INTEG BASED IMMEDIATE
1.250	INTEG BASED IMMEDIATE
2.200	INTEG BASED IMMEDIATE
2.750	INTEG BASED IMMEDIATE
4.300	INTEG BASED IMMEDIATE
5.500	INTEG BASED IMMEDIATE
6.200	INTEG BASED IMMEDIATE

TCD (handwritten)

12' MS5A COLUMN AFTER OVERNITE @ 270°C (handwritten)

O2 (handwritten)

N2 (handwritten)

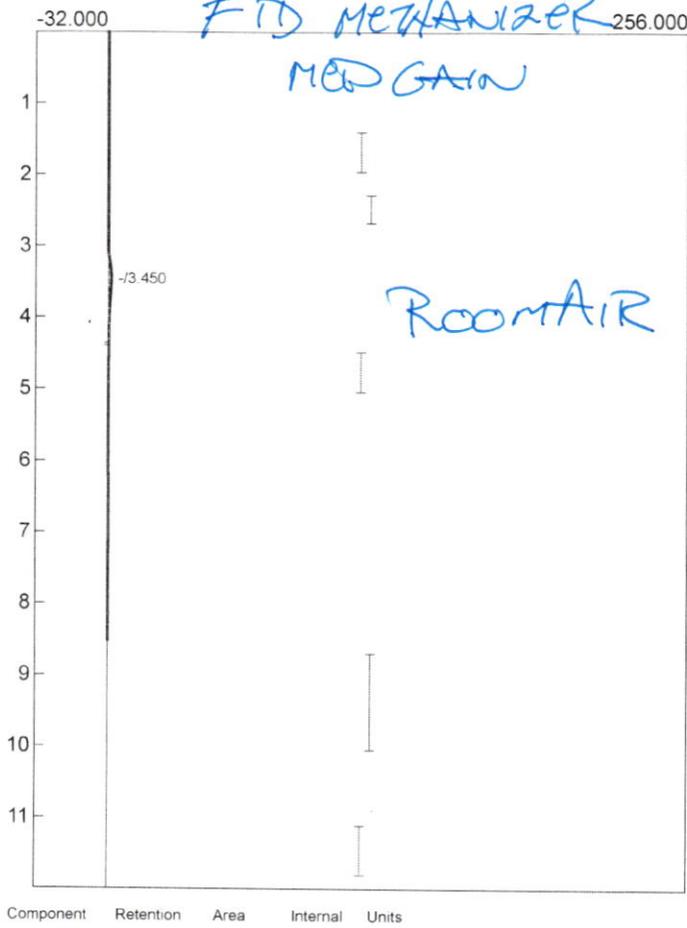| Component	Retention	Area	Internal	Units
O2+N2+CO-TCD	4.476	1254.7005	261949.5817	ppm
CH4-TCD	6.870	4591.3024	328748.7962	ppm
Backlfush-TCD	16.116	29.4528	143.3275	ppm
		5875.4557	590841.7055	

Lab name: SRI Final test
Client: Indiana Univ
Client ID: N10812
Analysis date: 03/20/2025 15:47:30
Method: MG#5 one carrier
Description: FIDmeth medgain 300C
Column: 12" Hay D+12"MS5A
Carrier: Argon@30psi
Integration: Peak sens=90.0 Base sens=60.0 Min area= 1.00 Standard
Data file: Pedro-FPD77.CHR ()
Sample: 1% C2 Mix
Comments: FID makeup=0p Air=5psi

Temperature program:

Init temp	Hold	Ramp	Final temp
50.00	2.000	20.000	90.00
90.00	8.000	0.000	90.00

Events:

Time	Event
0.000	ZERO
0.000	SOUND
0.020	G ON (Valve1)
1.000	G OFF (Valve1)

FTD METHANIZER
MED GAIN

ROOMAIR

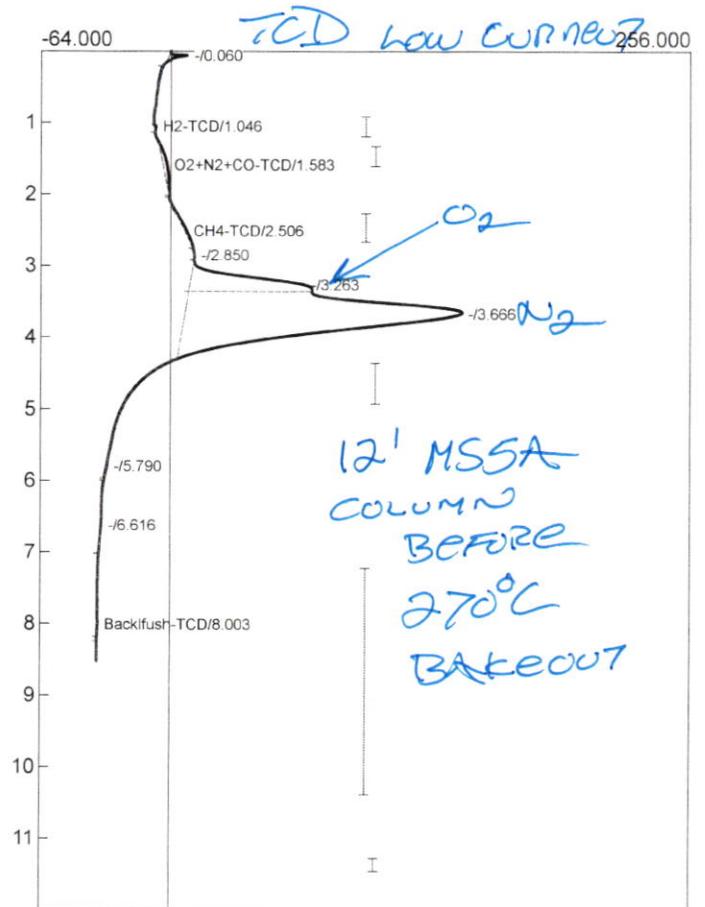| Component	Retention	Area	Internal	Units
		0.0000	0.0000	

Lab name: SRI Final test
Client: Indiana Univ
Client ID: N10812
Analysis date: 03/20/2025 15:47:30
Method: MG#5 one carrier
Description: TCD lowcurrent 100C
Column: 12" Hay D+12"MS5A
Carrier: Argon@30psi
Integration: Peak sens=95.0 Base sens=10.0 Min area= 1.00 Standard
Data file: MercedPID152.chr ()
Sample: 1% C2 Mix
Comments: FID makeup=0p Air=5psi

Temperature program:

Init temp	Hold	Ramp	Final temp

Events:

Time	Event
0.000	ZERO
0.500	INTEG BASED IMMEDIATE
1.250	INTEG BASED IMMEDIATE
2.200	INTEG BASED IMMEDIATE
2.750	INTEG BASED IMMEDIATE
4.300	INTEG BASED IMMEDIATE
5.500	INTEG BASED IMMEDIATE
6.200	INTEG BASED IMMEDIATE

TCD LOW CURRENT

O_2

N_2

12' MS5A COLUMN BEFORE 270°C BAKEOUT

Component	Retention	Area	Internal	Units
H2-TCD	1.046	3.4974	60.5291	ppm
O2+N2+CO-TCD	1.583	61.9950	12942.9807	ppm
CH4-TCD	2.506	20.8154	1490.4350	ppm
Backlfush-TCD	8.003	1.8719	9.1093	ppm
		88.1797	14503.0541	