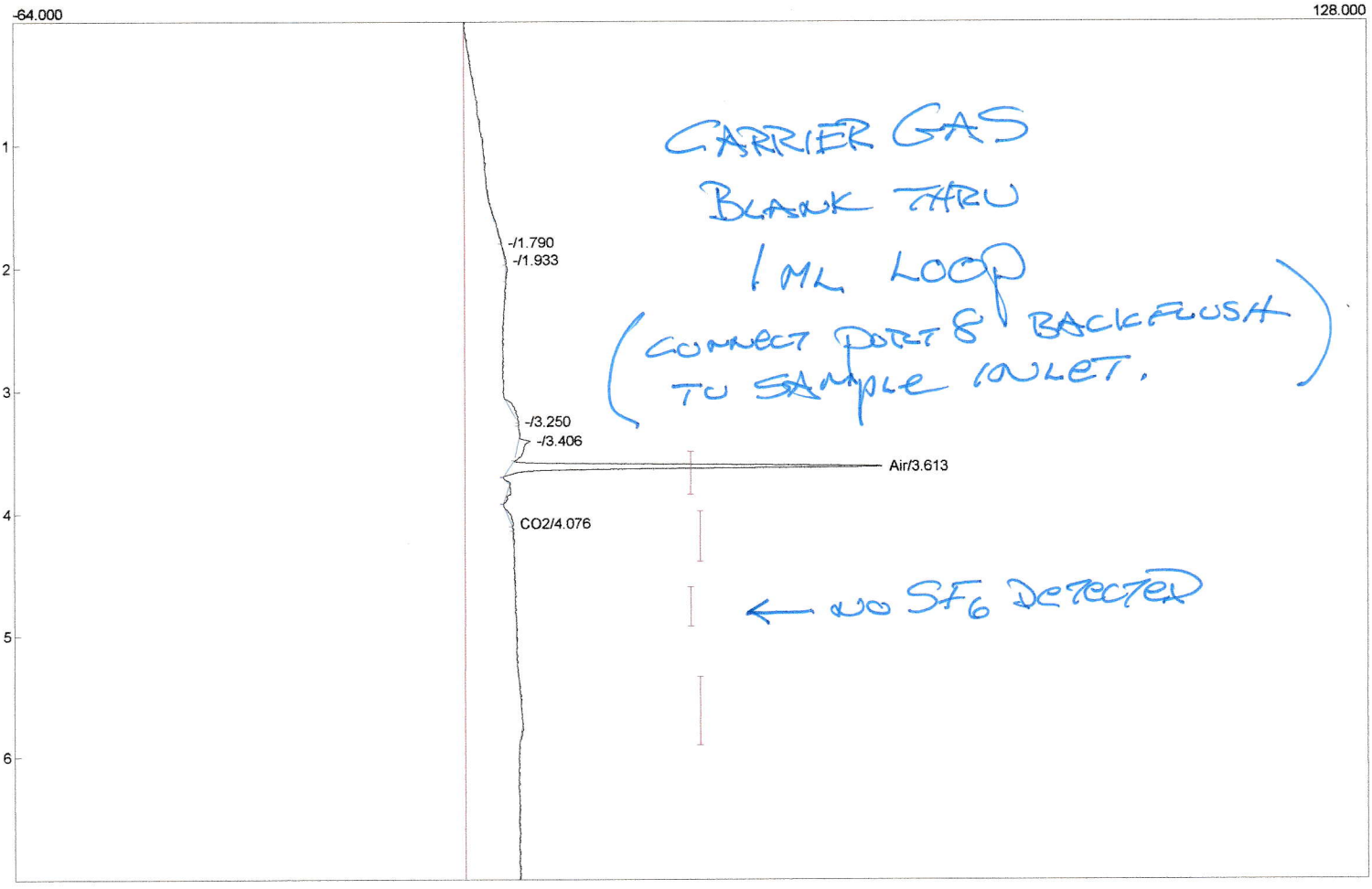
Lab name: SRI Instruments
Client: SRI R&D
Client ID: N11806
Analysis date: 06/10/2020 14:06:03
Method: ActCharcTrap Des=200C
Description: ECD SC=300 150C
Column: 18" HayDPC+6'HayD
Carrier: P5@30psi
Data file: ARB133.chr ()
Sample: Carrier gas blank 1ml loop

Temperature program:

Init temp	Hold	Ramp	Final temp
80.00	10.000	0.000	80.00

Events:

Time	Event
0.000	SOUND
0.000	ZERO
0.020	D OFF (VacuumPump)
0.170	D OFF (VacuumPump)
1.050	F ON (TrapHeat)
3.000	G ON (ValveRotate)
3.100	D ON (VacuumPump)
3.400	D OFF (VacuumPump)
3.450	F OFF (TrapHeat)
3.500	G OFF (ValveRotate)
4.300	INTEG IMMEDIATE



Component	Retention	Area	Internal	Units
Air	3.613	108.4234	0.0000	%
CO2	4.076	3.0240	0.0000	%
		111.4474	0.0000	

Lab name: SRI Instruments
Client: SRI R&D
Client ID: N11806
Analysis date: 06/11/2020 10:43:28
Method: ActCharcTrap Des=200C
Description: ECD SC=600 100C
Column: 18" HayDPC+6'HayD
Carrier: P5@30psi
Data file: ARB140.chr ()
Sample: 1ml loop room air nopc bkflsuh

Temperature program:

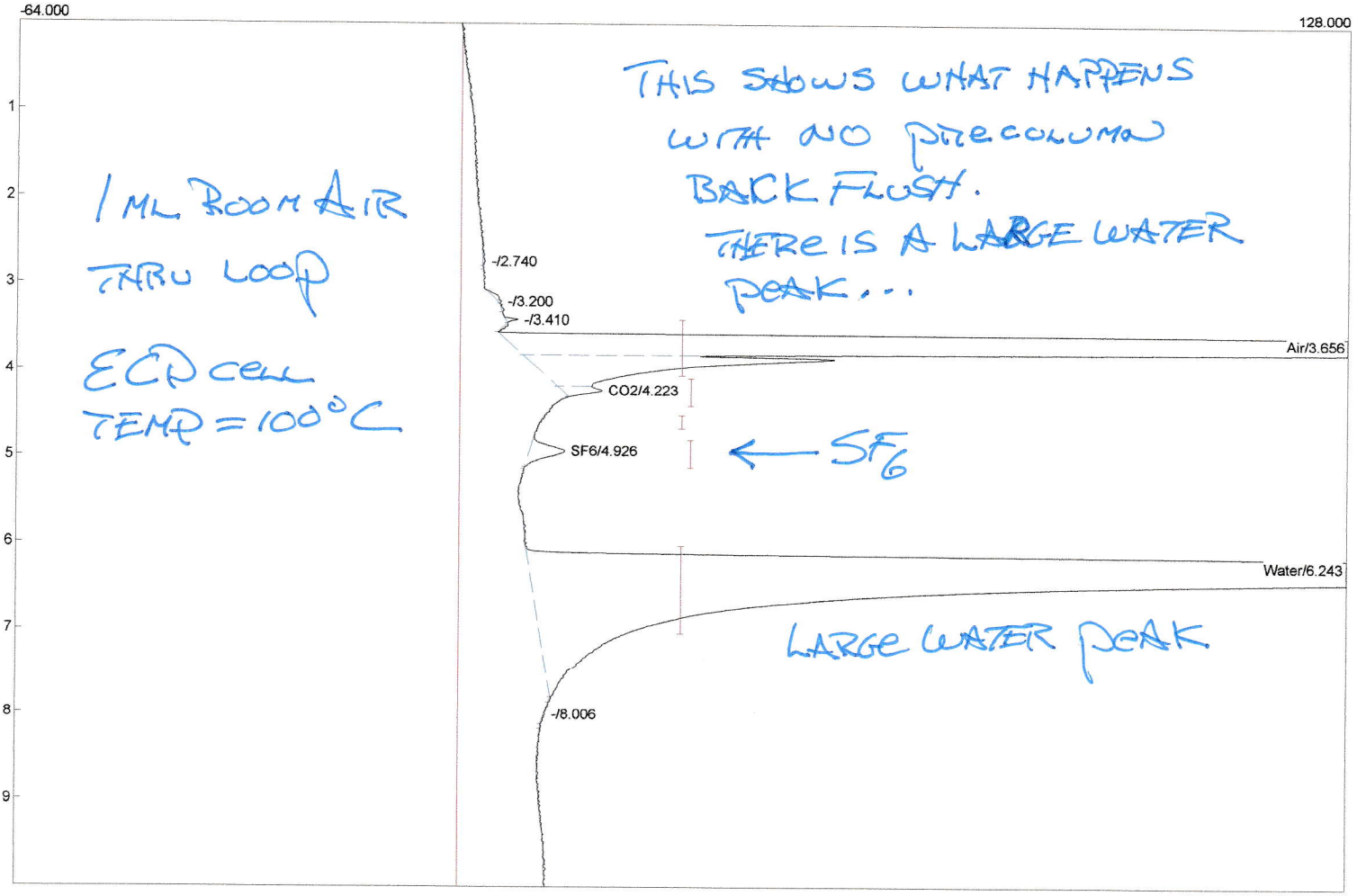
Init temp	Hold	Ramp	Final temp
80.00	10.000	0.000	80.00

Events:

Time	Event
0.000	SOUND
0.000	ZERO
0.020	D OFF (VacuumPump)
0.170	D OFF (VacuumPump)
1.050	F ON (TrapHeat)
3.000	G ON (ValveRotate)
3.100	D ON (VacuumPump)
3.400	D OFF (VacuumPump)
3.450	F OFF (TrapHeat)
3.500	G ON (ValveRotate)
4.300	INTEG IMMEDIATE

NO VACUUM

NO PRECOLUMN BACKFLUSH



Component	Retention	Area	Internal	Units
Air	3.656	13416.3180	0.0000	%
CO2	4.223	29.2306	0.0000	%
SF6	4.926	45.5983	0.0000	ppb
Water	6.243	5663.7186	0.0000	ppm
		19154.8655	0.0000	

Lab name: SRI Instruments
Client: SRI R&D
Client ID: N11806
Analysis date: 06/11/2020 11:05:06
Method: ActCharcTrap Des=200C
Description: ECD SC=600 100C
Column: 18" HayDPC+6'HayD
Carrier: P5@30psi
Data file: ARB142.chr ()
Sample: 1ml loop room bkfl=3.25min

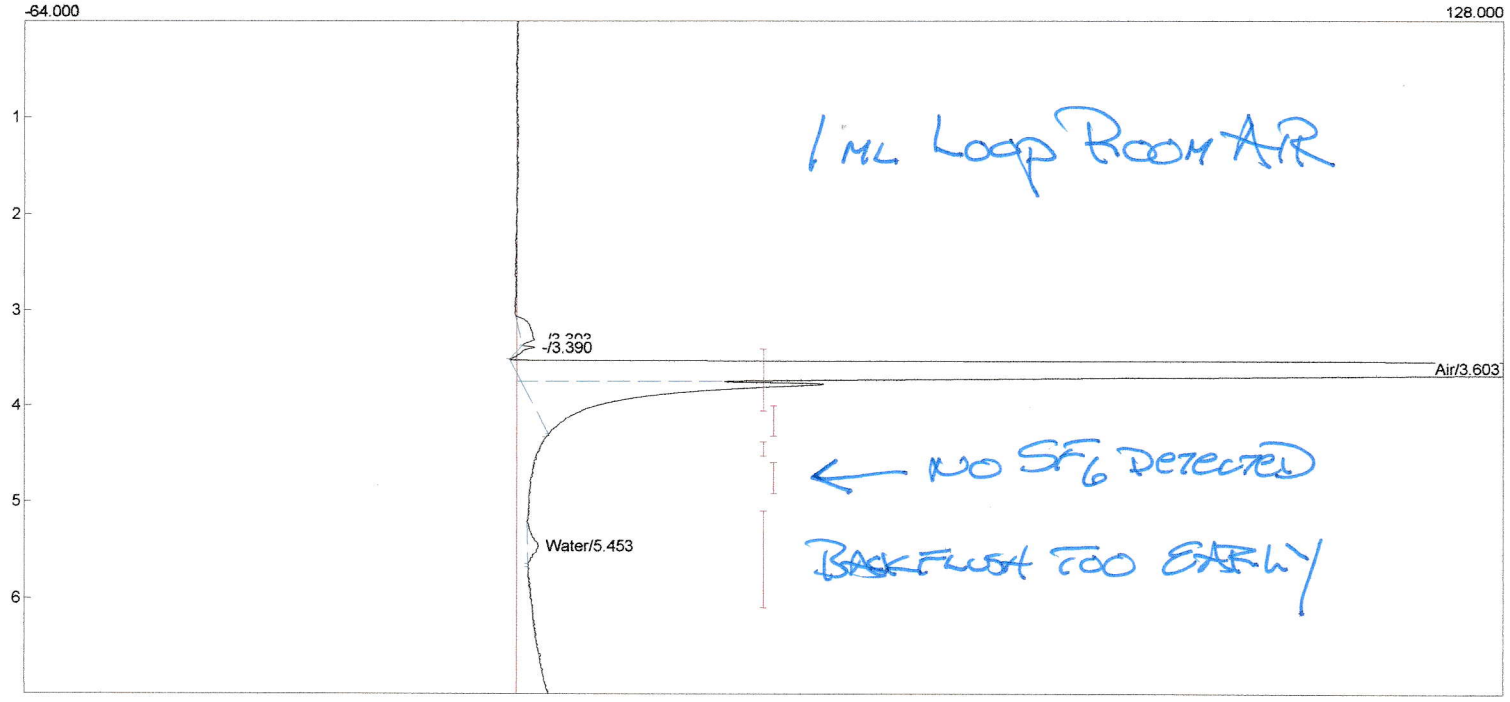
Temperature program:

Init temp	Hold	Ramp	Final temp
80.00	10.000	0.000	80.00

Events:

Time	Event
0.000	SOUND
0.000	ZERO
0.020	D OFF (VacuumPump)
0.170	D OFF (VacuumPump)
1.050	F ON (TrapHeat)
3.000	G ON (ValveRotate)
3.100	D ON (VacuumPump)
3.250	G OFF (ValveRotate)
3.400	D OFF (VacuumPump)
3.450	F OFF (TrapHeat)
4.300	INTEG IMMEDIATE

BACKFLUSH @ 3.25 MINUTES



Component	Retention	Area	Internal	Units
Air	3.603	10443.7544	0.0000	%
Water	5.453	17.4040	0.0000	ppm
		10461.1584	0.0000	

Lab name: SRI Instruments
Client: SRI R&D
Client ID: N11806
Analysis date: 06/11/2020 11:34:09
Method: ActCharcTrap Des=200C
Description: ECD SC=600 100C
Column: 18" HayDPC+6'HayD
Carrier: P5@30psi
Data file: ARB144.chr ()
Sample: 1ml loop room bkfl=3.7min

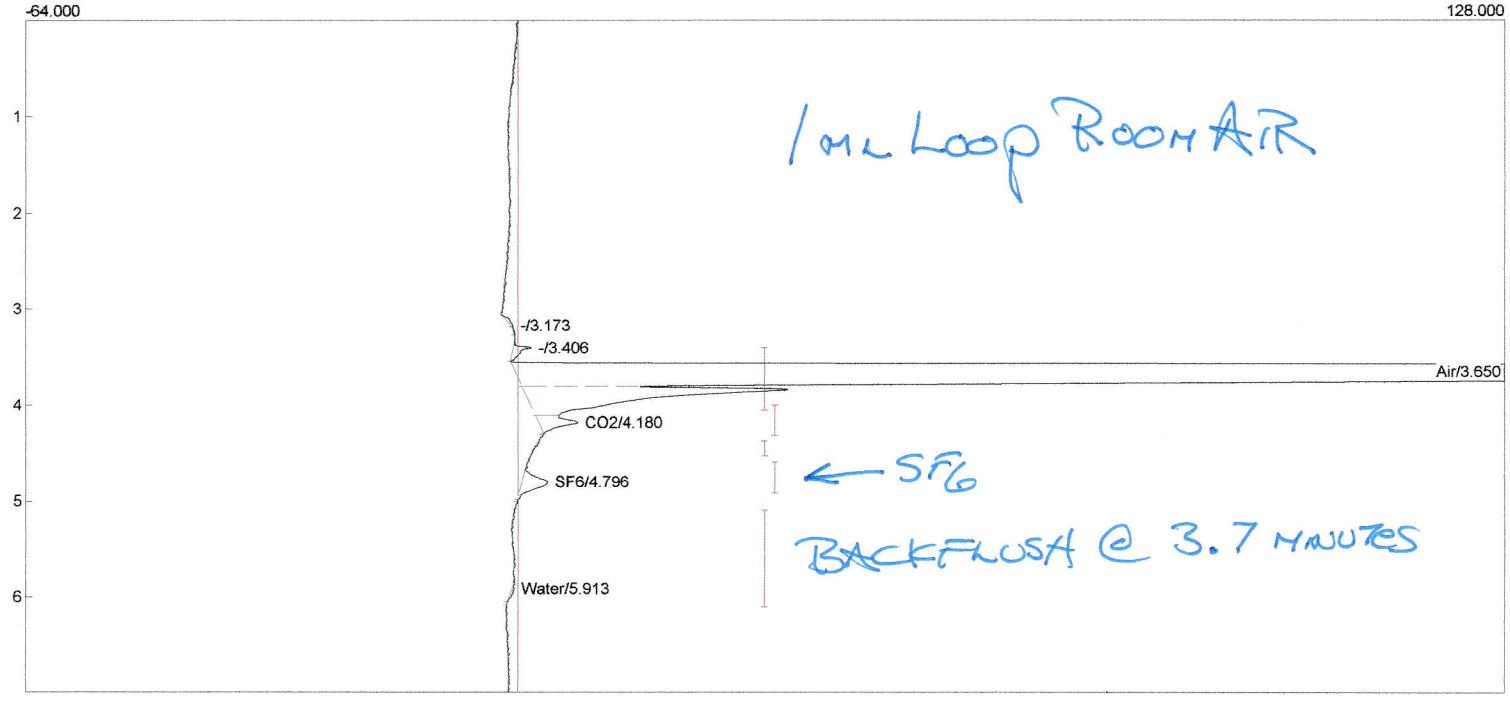
Temperature program:

Init temp	Hold	Ramp	Final temp
80.00	10.000	0.000	80.00

Events:

Time	Event
0.000	SOUND
0.000	ZERO
0.020	D OFF (VacuumPump)
0.170	D OFF (VacuumPump)
1.050	F ON (TrapHeat)
3.000	G ON (ValveRotate)
3.100	D ON (VacuumPump)
3.400	D OFF (VacuumPump)
3.700	F OFF (TrapHeat)
3.700	G OFF (ValveRotate)
4.300	INTEG IMMEDIATE

3.7 BACKFLUSH



Component	Retention	Area	Internal	Units
Air	3.650	13564.5915	0.0000	%
CO2	4.180	30.2236	0.0000	%
SF6	4.796	28.4370	0.0000	ppb
Water	5.913	1.8522	0.0000	ppm
		13625.1043	0.0000	

Lab name: SRI Instruments
Client: SRI R&D
Client ID: N11806
Analysis date: 06/11/2020 11:55:35
Method: ActCharcTrap Des=200C
Description: ECD SC=600 100C
Column: 18" HayDPC+6'HayD
Carrier: P5@30psi
Data file: ARB145.chr ()
Sample: .1minute room air thru trap

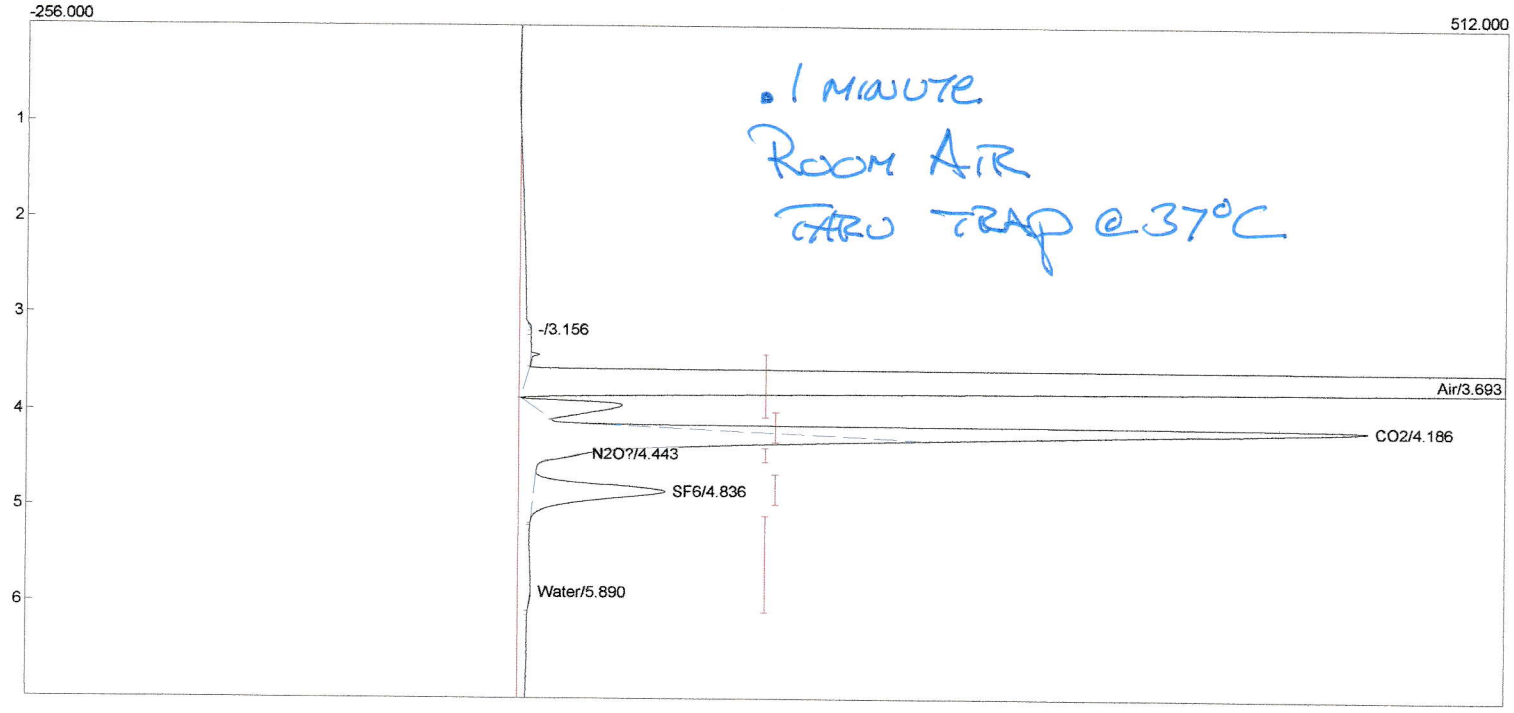
Temperature program:

Init temp	Hold	Ramp	Final temp
80.00	10.000	0.000	80.00

Events:

Time	Event
0.000	SOUND
0.000	ZERO
0.020	D ON (VacuumPump)
0.120	D OFF (VacuumPump)
1.050	F ON (TrapHeat)
3.000	G ON (ValveRotate)
3.100	D ON (VacuumPump)
3.400	D OFF (VacuumPump)
3.700	F OFF (TrapHeat)
3.700	G OFF (ValveRotate)
4.300	INTEG IMMEDIATE

.1 MINUTES VACUUM ≈ 20ML



.1 MINUTE
ROOM AIR
THRU TRAP @ 37°C

Component	Retention	Area	Internal	Units
Air	3.693	30098.0454	0.0000	%
CO2	4.186	2043.7680	0.0000	%
N2O?	4.443	5.1414	0.0000	ppm
SF6	4.836	720.4224	0.0000	ppb
Water	5.890	3.2728	0.0000	ppm
		32870.6500	0.0000	

Lab name: SRI Instruments
Client: SRI R&D
Client ID: N11806
Analysis date: 06/11/2020 12:12:23
Method: ActCharcTrap Des=200C
Description: ECD SC=600 100C
Column: 18" HayDPC+6'HayD
Carrier: P5@30psi
Data file: ARB146.chr ()
Sample: .2minute room air thru trap

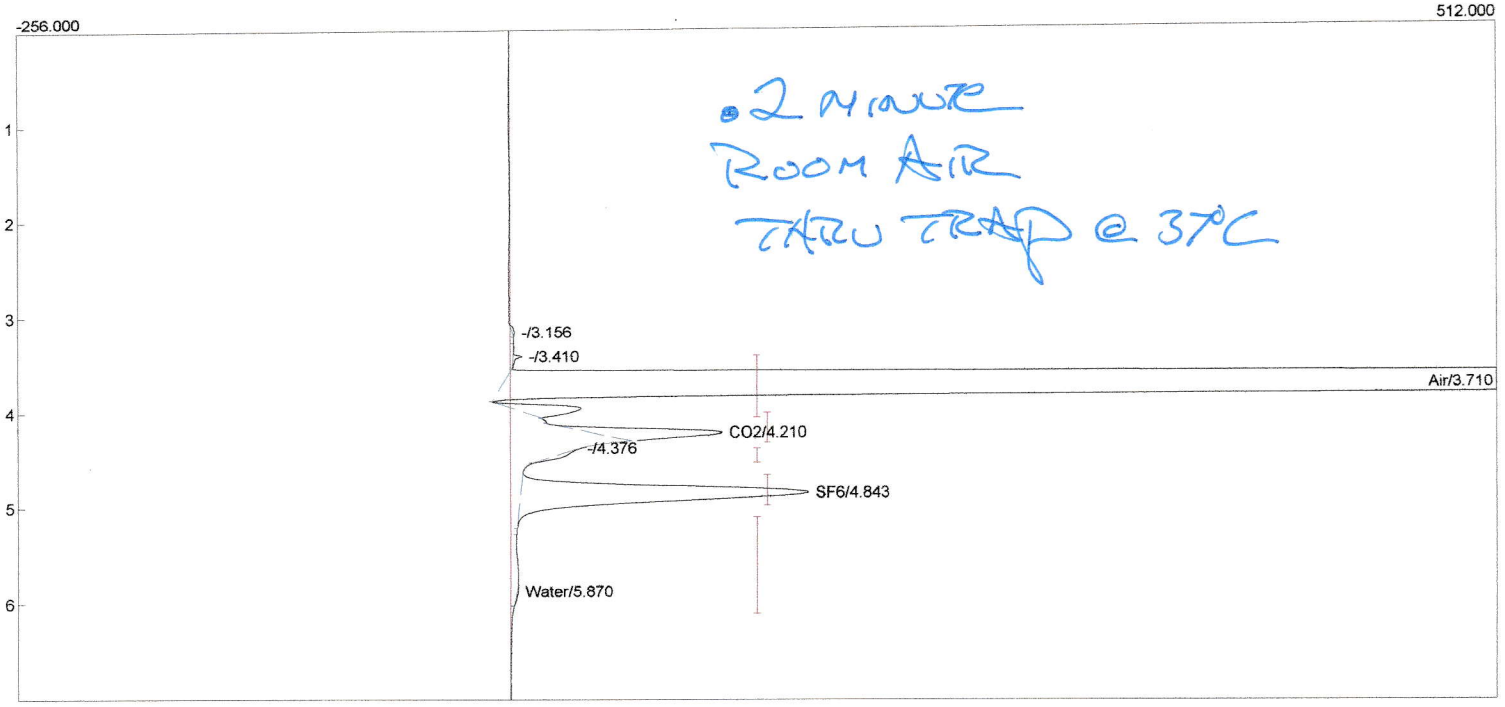
Temperature program:

Init temp	Hold	Ramp	Final temp
80.00	10.000	0.000	80.00

Events:

Time	Event
0.000	SOUND
0.000	ZERO
0.020	D ON (VacuumPump)
0.220	D OFF (VacuumPump)
1.050	F ON (TrapHeat)
3.000	G ON (ValveRotate)
3.100	D ON (VacuumPump)
3.400	D OFF (VacuumPump)
3.700	F OFF (TrapHeat)
3.700	G OFF (ValveRotate)
4.300	INTEG IMMEDIATE

• 2 MINUTES VACUUM ≈ 40ML



Component	Retention	Area	Internal	Units
Air	3.710	37781.7742	0.0000	%
CO2	4.210	379.1291	0.0000	%
SF6	4.843	1592.9427	0.0000	ppb
Water	5.870	3.7108	0.0000	ppm
		39757.5568	0.0000	

Lab name: SRI Instruments
Client: SRI R&D
Client ID: N11806
Analysis date: 06/11/2020 12:24:49
Method: ActCharcTrap Des=200C
Description: ECD SC=600 100C
Column: 18" HayDPC+6'HayD
Carrier: P5@30psi
Data file: ARB147.chr ()
Sample: .3minute room air thru trap

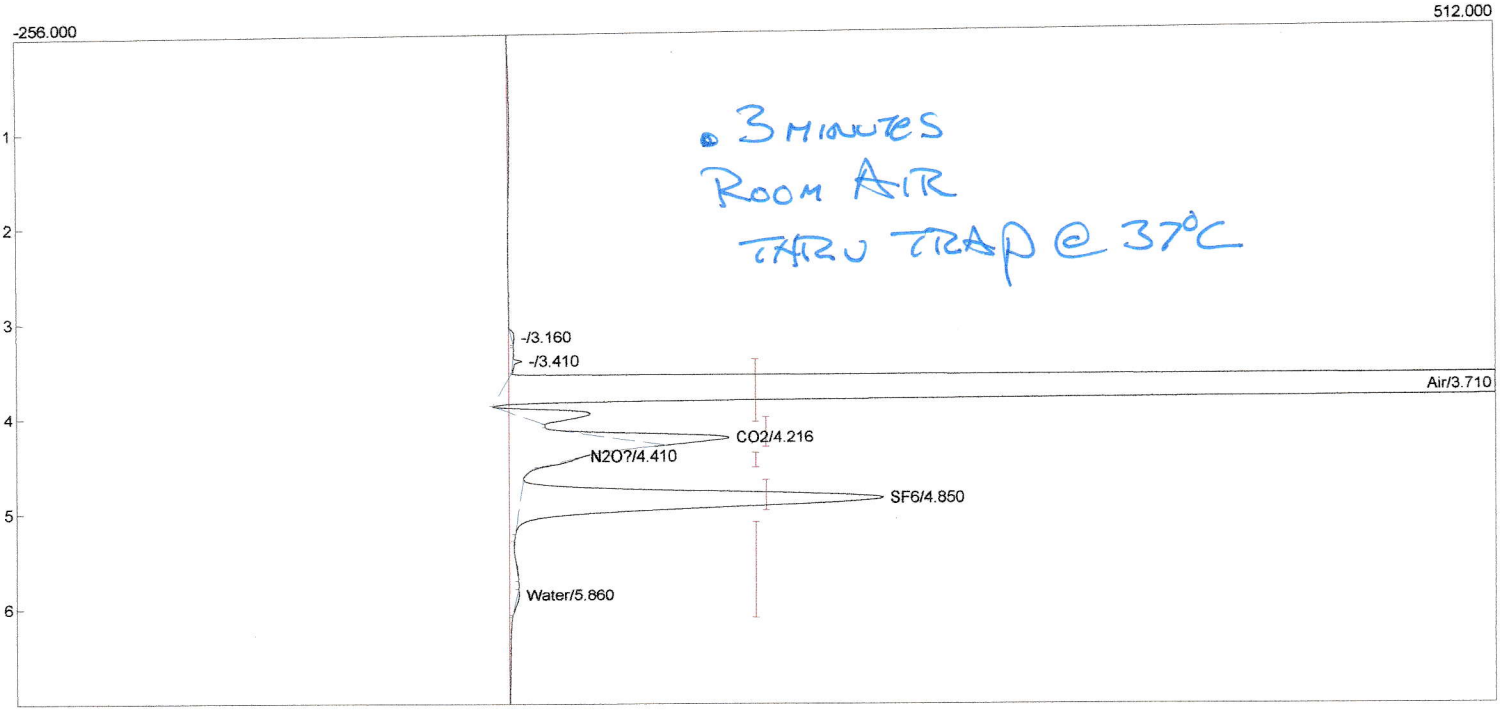
Temperature program:

Init temp	Hold	Ramp	Final temp
80.00	10.000	0.000	80.00

Events:

Time	Event
0.000	SOUND
0.000	ZERO
0.020	D ON (VacuumPump)
0.320	D OFF (VacuumPump)
1.050	F ON (TrapHeat)
3.000	G ON (ValveRotate)
3.100	D ON (VacuumPump)
3.400	D OFF (VacuumPump)
3.700	F OFF (TrapHeat)
3.700	G OFF (ValveRotate)
4.300	INTEG IMMEDIATE

• 3 MINUTES VACUUM ≈ 60 ML



Component	Retention	Area	Internal	Units
Air	3.710	37590.7599	0.0000	%
CO2	4.216	351.2278	0.0000	%
N2O?	4.410	11.8796	0.0000	ppm
SF6	4.850	2160.1674	0.0000	ppb
Water	5.860	10.1383	0.0000	ppm
		40124.1730	0.0000	

Lab name: SRI Instruments
Client: SRI R&D
Client ID: N11806
Analysis date: 06/11/2020 12:42:47
Method: ActCharcTrap Adsorb=37 Des=200C
Description: ECD SC=600 100C
Column: 18" HayDPC+6'HayD
Carrier: P5@30psi
Data file: ARB148.chr ()
Sample: .4minute room air thru trap

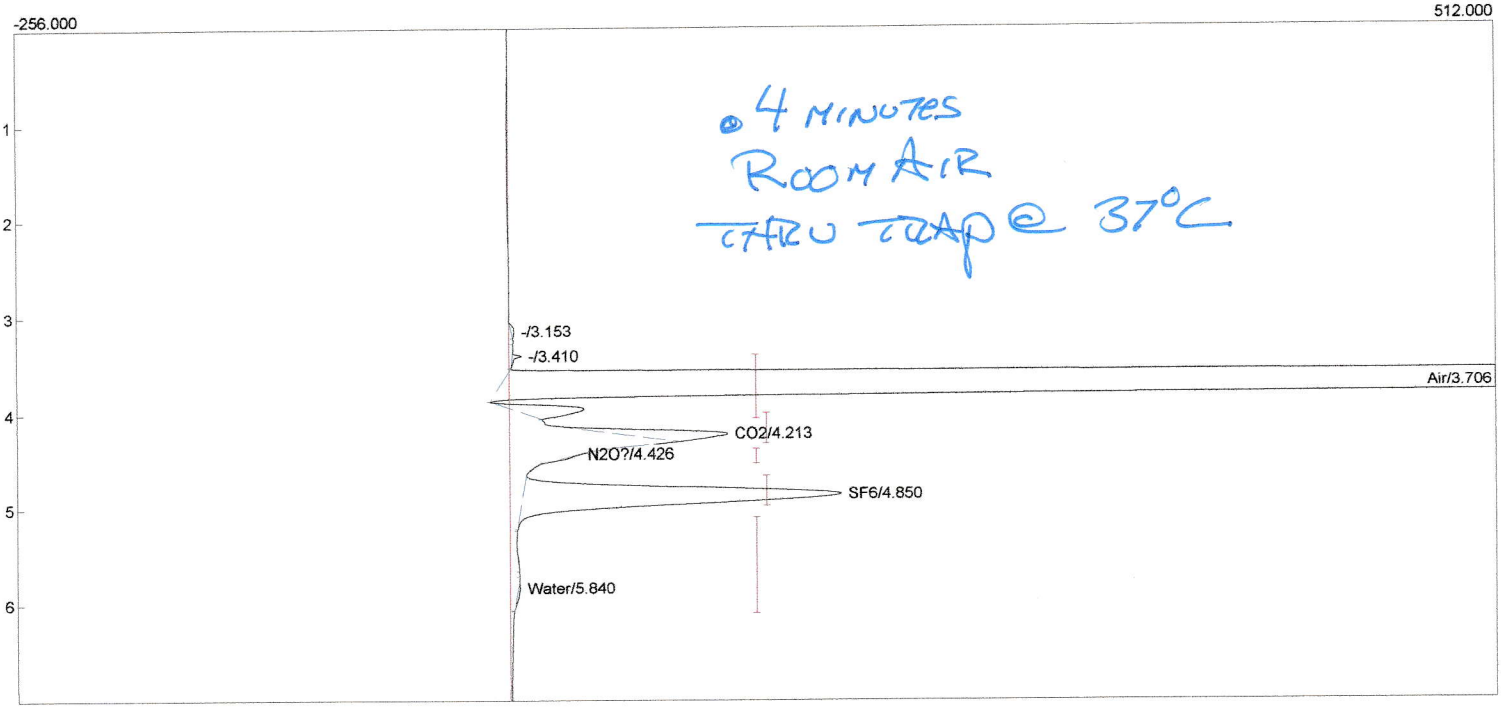
Temperature program:

Init temp	Hold	Ramp	Final temp
80.00	10.000	0.000	80.00

Events:

Time	Event
0.000	SOUND
0.000	ZERO
0.020	D ON (VacuumPump)
0.420	D OFF (VacuumPump)
1.050	F ON (TrapHeat)
3.000	G ON (ValveRotate)
3.100	D ON (VacuumPump)
3.400	D OFF (VacuumPump)
3.700	F OFF (TrapHeat)
3.700	G OFF (ValveRotate)
4.300	INTEG IMMEDIATE

• 4 MINUTES VACUUM ≈ 80ML



Component	Retention	Area	Internal	Units
Air	3.706	37243.6600	0.0000	%
CO2	4.213	331.1952	0.0000	%
N2O?	4.426	6.8315	0.0000	ppm
SF6	4.850	1944.6882	0.0000	ppb
Water	5.840	11.5976	0.0000	ppm
		39537.9725	0.0000	

Lab name: SRI Instruments
Client: SRI R&D
Client ID: N11806
Analysis date: 06/11/2020 12:54:13
Method: ActCharcTrap Adsorb=37 Des=200C
Description: ECD SC=600 100C
Column: 18" HayDPC+6'HayD
Carrier: P5@30psi
Data file: ARB149.chr ()
Sample: .4minute room air thru trap

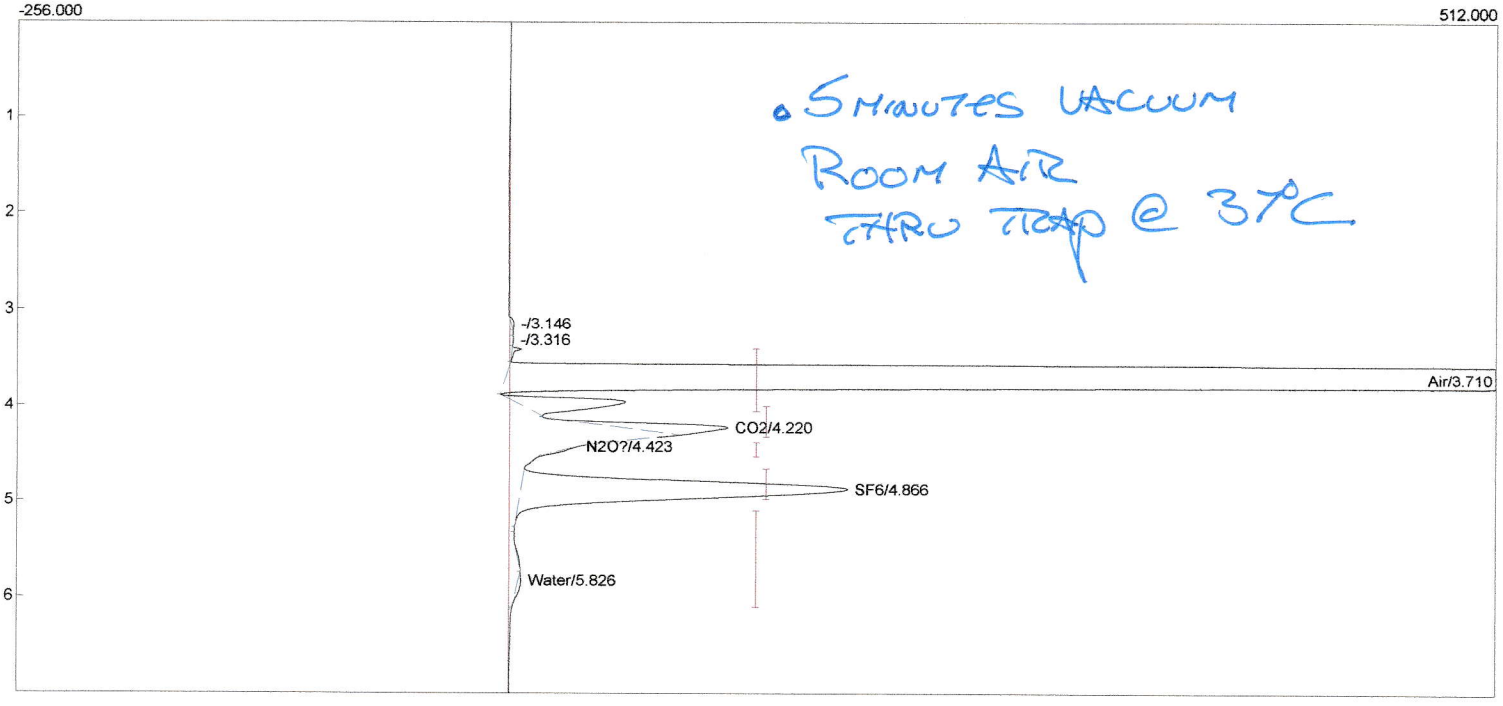
Temperature program:

Init temp	Hold	Ramp	Final temp
80.00	10.000	0.000	80.00

Events:

Time	Event
0.000	SOUND
0.000	ZERO
0.020	D ON (VacuumPump)
0.520	D OFF (VacuumPump)
1.050	F ON (TrapHeat)
3.000	G ON (ValveRotate)
3.100	D ON (VacuumPump)
3.400	D OFF (VacuumPump)
3.700	F OFF (TrapHeat)
3.700	G OFF (ValveRotate)
4.300	INTEG IMMEDIATE

• 5 MINUTES VACUUM ≈ 100ML



Component	Retention	Area	Internal	Units
Air	3.710	36031.6060	0.0000	%
CO2	4.220	317.7011	0.0000	%
N2O?	4.423	7.3520	0.0000	ppm
SF6	4.866	2061.9428	0.0000	ppb
Water	5.826	22.9050	0.0000	ppm
		38441.5069	0.0000	

Lab name: SRI Instruments
Client: SRI R&D
Client ID: N11806
Analysis date: 06/11/2020 13:06:59
Method: ActCharcTrap Adsorb=37 Des=200C
Description: ECD SC=600 100C
Column: 18" HayDPC+6'HayD
Carrier: P5@30psi
Data file: ARB150.chr ()
Sample: Trap blank no vacuum

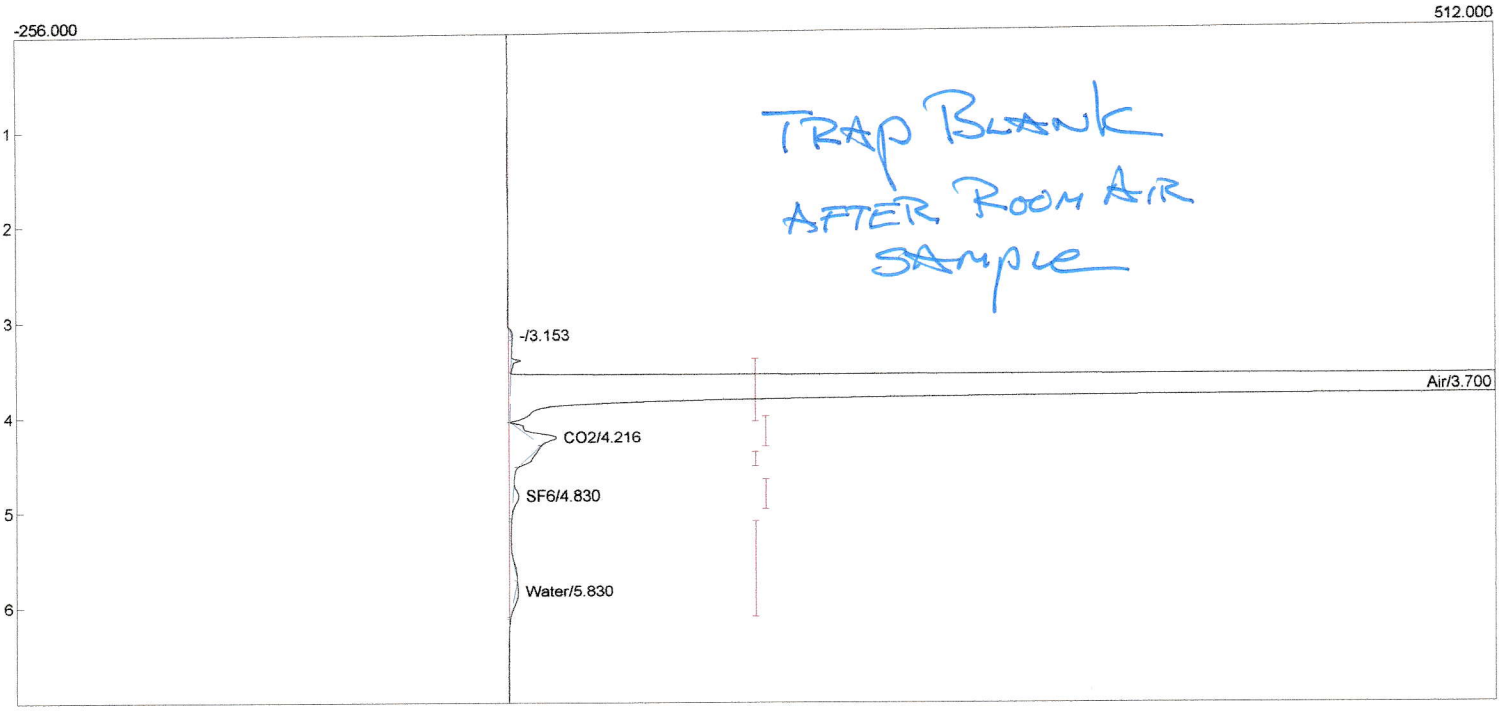
Temperature program:

Init temp	Hold	Ramp	Final temp
80.00	10.000	0.000	80.00

Events:

Time	Event
0.000	SOUND
0.000	ZERO
0.020	D OFF (VacuumPump)
0.520	D OFF (VacuumPump)
1.050	F ON (TrapHeat)
3.000	G ON (ValveRotate)
3.100	D ON (VacuumPump)
3.400	D OFF (VacuumPump)
3.700	F OFF (TrapHeat)
3.700	G OFF (ValveRotate)
4.300	INTEG IMMEDIATE

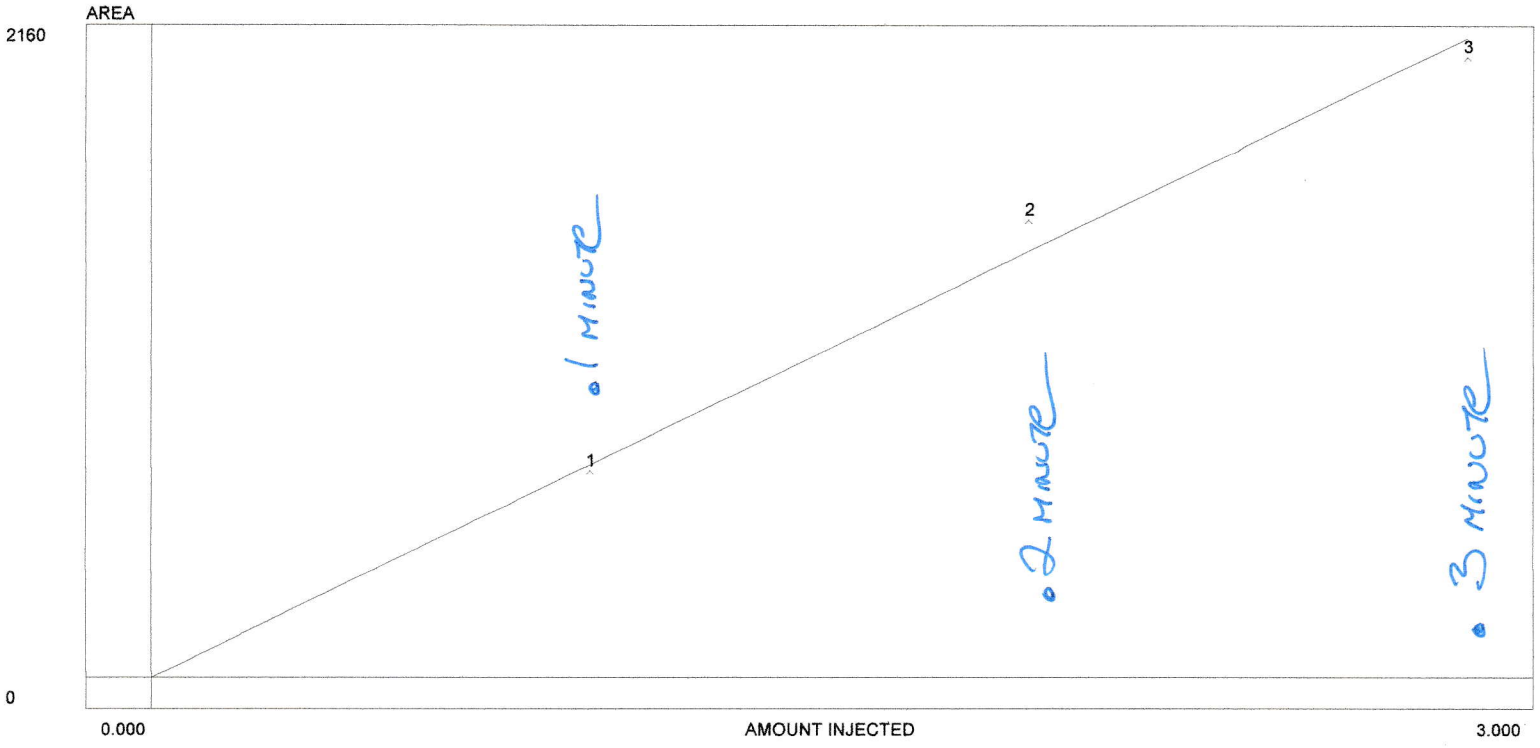
NO VACUUM



TRAP BLANK AFTER ROOM AIR SAMPLE

Component	Retention	Area	Internal	Units
Air	3.700	29031.8559	0.0000	%
CO2	4.216	85.9138	0.0000	%
SF6	4.830	28.0989	0.0015	ppb
Water	5.830	22.4378	0.0000	ppm
		29168.3064	0.0015	

Calibration file:



Avg slope of curve: 741.71
Y-axis intercept: 0.00
Linearity: 1.00
Number of levels: 3
SD/rel SD of CF's: 43.9/5.9
Y=741.7143X
r2: 0.9854
Last calibrated: Thu Jun 11 13:10:01 2020

Lvl.	Area/ht.	Amount	CF	Current	Previous #1	Previous #2
1	720.000	1.000	720.000	720.000	N/A	N/A
2	1592.000	2.000	796.000	1592.000	N/A	N/A
3	2160.000	3.000	720.000	2160.000	N/A	N/A

THIS SHOWS TRAP IS LINEAR FROM 20-60ML of SAMPLE