

Cover Page

Order ID : Q1907

Project ID : Walsh CO-032 Sampling

Client : Walsh Construction Company II, LLC

Lab Sample Number

Q1907-01
Q1907-02

Client Sample Number

CO-8R-WC
CO-8R-WC

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 5/2/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1907

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRATIK PATEL

Date: 05/02/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q1907	OrderDate:	4/28/2025 4:13:00 PM
Client:	Walsh Construction Company II, LLC	Project:	Walsh CO-032 Sampling
Contact:	Jesse A. Sylvestri	Location:	L51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1907-01	CO-8R-WC	SOIL			04/28/25			04/28/25
			Gasoline Range Organics	8015D			04/29/25	
			PCB	8082A		04/30/25	04/30/25	
			Pesticide-TCL	8081B		04/30/25	04/30/25	
			TPH GC	8015D		04/29/25	04/29/25	
			EPH_NF	NJEPH		05/01/25	05/01/25	



QC SUMMARY

SOIL TPH GC SURROGATE RECOVERY

Lab Name: Chemtech Client: Walsh Construction Company II, LLC
Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG No.: Q1907

EPA SAMPLE NO.	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FG015771.D	90				0
PIBLK-FG015780.D	90				0
PB167783BL	77				0
PB167783BS	86				0
AU-6-042425MS	71				0
AU-6-042425MSD	70				0
CO-8R-WC	81				0

QC LIMITS

TETRACOSANE-d50

For Water : 29-130
For Soil : 37-130

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate Diluted Out

SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Walsh Construction Company II, LLC
Lab Code: CHEM **Cas No:** Q1907 **SAS No :** Q1907 **SDG No:** Q1907
Client SampleID : AU-6-042425MS **Datafile:** FG015776.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
Petroleum Hydrocarbons	12085	149000	135000	-116%	*	68-131

SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Walsh Construction Company II, LLC
Lab Code: CHEM **Cas No:** Q1907 **SAS No :** Q1907 **SDG No:** Q1907
Client SampleID : AU-6-042425MSD **Datafile:** FG015777.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
Petroleum Hydrocarbons	12093	149000	136000	-108%	*	68-131

MS/MSD % Recovery RPD : 7

SOIL TPH GC LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Walsh Construction Company II, LLC
Lab Code: CHEM **Cas No:** Q1907 **SAS No :** Q1907 **SDG No:** Q1907
Matrix Spike - EPA Sample No : PB167783BS **Datafile:** FG015774.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
Petroleum Hydrocarbons	11322	0	8212	72	68-131

4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167783BL

Lab Name: CHEMTECH

Contract: WALS01

Lab Code: CHEM Case No.: Q1907

SAS No.: Q1907 SDG NO.: Q1907

Lab File ID: FG015773.D

Lab Sample ID: PB167783BL

Instrument ID: FG

Date Extracted: 04/29/2025

Matrix: (soil/water) Soil

Date Analyzed: 04/29/25

Level: (low/med) low

Time Analyzed: 19:15

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167783BS	PB167783BS	FG015774.D	04/29/25
AU-6-042425MS	Q1877-01MS	FG015776.D	04/29/25
AU-6-042425MSD	Q1877-01MSD	FG015777.D	04/29/25
CO-8R-WC	Q1907-01	FG015778.D	04/29/25

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	04/28/25	
Project:	Walsh CO-032 Sampling		Date Received:	04/28/25	
Client Sample ID:	CO-8R-WC		SDG No.:	Q1907	
Lab Sample ID:	Q1907-01		Matrix:	SOIL	
Analytical Method:	8015D TPH		% Solid:	84.6	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	TPH GC	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015778.D	10	04/29/25 10:49	04/29/25 21:42	PB167783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	111000		4530	33400	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	1.63		37 - 130	81%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015778.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 21:42
Operator : YP\AJ
Sample : Q1907-01 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
CO-8R-WC

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File: autoint1.e
Quant Time: Apr 30 01:22:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 12:54:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.006	191615	1.627 ug/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015778.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 21:42
Operator : YP\AJ
Sample : Q1907-01 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

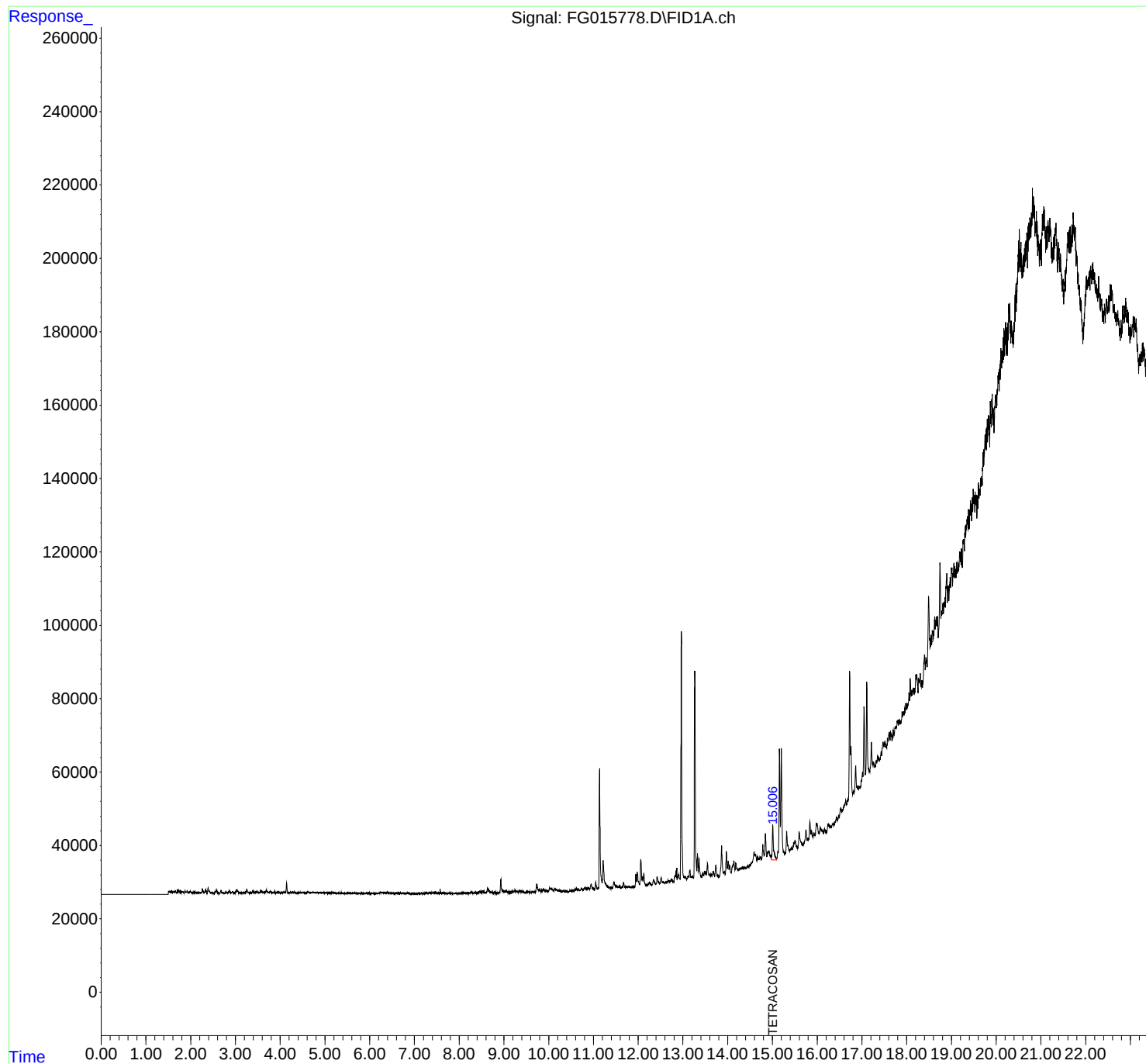
Instrument :
FID_G
ClientSampleId :
CO-8R-WC

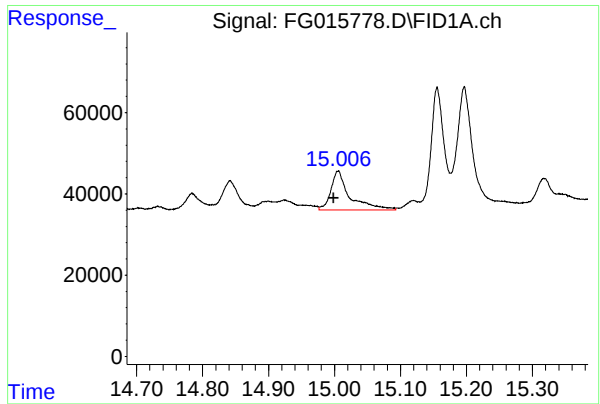
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File: autoint1.e
Quant Time: Apr 30 01:22:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 12:54:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.006 min
Delta R.T.: 0.008 min
Response: 191615
Conc: 1.63 ug/ml

Instrument :

FID_G

ClientSampleId :

CO-8R-WC

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

rteres

Instrument :

FID_G

ClientSampleId :

CO-8R-WC

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG04292
Data File : FG015778.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 21:42
Sample : Q1907-01 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.920	1.900	1.949	BV	382	4842	0.25%	0.014%
2	1.954	1.949	1.966	VV	65	504	0.03%	0.001%
3	1.989	1.966	1.993	VV	289	2852	0.14%	0.008%
4	1.999	1.993	2.042	VV	322	3419	0.17%	0.010%
5	2.048	2.042	2.058	PV	110	853	0.04%	0.002%
6	2.062	2.058	2.070	VV	96	800	0.04%	0.002%
7	2.077	2.070	2.097	VV	206	2023	0.10%	0.006%
8	2.104	2.097	2.118	VV	116	877	0.04%	0.003%
9	2.122	2.118	2.131	VV	101	461	0.02%	0.001%
10	2.155	2.131	2.177	VV	150	1959	0.10%	0.006%
11	2.190	2.177	2.196	VV	141	889	0.05%	0.003%
12	2.209	2.196	2.227	VV	196	2306	0.12%	0.007%
13	2.261	2.227	2.293	VV	1146	17222	0.87%	0.050%
14	2.297	2.293	2.303	VV	160	950	0.05%	0.003%
15	2.338	2.303	2.363	VV	764	15471	0.79%	0.045%
16	2.388	2.363	2.407	VV	1473	18771	0.95%	0.054%
17	2.419	2.407	2.457	VV	708	11976	0.61%	0.035%
18	2.463	2.457	2.513	VV	244	4647	0.24%	0.013%
19	2.518	2.513	2.526	PV	79	442	0.02%	0.001%
20	2.573	2.526	2.612	VV	1082	19665	1.00%	0.057%
21	2.616	2.612	2.621	VV	179	648	0.03%	0.002%
22	2.627	2.621	2.640	VV	150	915	0.05%	0.003%
23	2.643	2.640	2.654	VV	119	540	0.03%	0.002%
24	2.676	2.654	2.701	VV	847	12236	0.62%	0.035%
25	2.705	2.701	2.712	VV	279	1429	0.07%	0.004%
26	2.713	2.712	2.727	VV	252	1605	0.08%	0.005%
27	2.740	2.727	2.757	VV	203	2374	0.12%	0.007%
28	2.761	2.757	2.765	VV	120	335	0.02%	0.001%
29	2.791	2.765	2.812	VV	376	6503	0.33%	0.019%
30	2.816	2.812	2.833	VV	178	1672	0.08%	0.005%
31	2.856	2.833	2.865	VV	558	6026	0.31%	0.017%
32	2.874	2.865	2.894	VV	538	7358	0.37%	0.021%
33	2.909	2.894	2.913	VV	271	2597	0.13%	0.008%
34	2.932	2.913	2.963	VV	536	10183	0.52%	0.029%
35	2.973	2.963	2.992	VV	200	2580	0.13%	0.007%
36	3.023	2.992	3.038	VV	988	16067	0.82%	0.047%

					retention				
37	3.048	3.038	3.082	VV	745	10898	0.55%	0.032%	
38	3.087	3.082	3.098	VV	170	1447			
39	3.102	3.098	3.107	VV	158	816			
40	3.112	3.107	3.147	VV	194	3082			
41	3.174	3.147	3.187	VV	256	4624			
42	3.206	3.187	3.215	VV	274	3574			
43	3.258	3.215	3.286	VV	1039	21925	1.11%	0.063%	
44	3.289	3.286	3.293	VV	285	1094	0.06%	0.003%	
45	3.302	3.293	3.313	VV	328	2621	0.13%	0.008%	
46	3.322	3.313	3.337	VV	216	1743	0.09%	0.005%	
47	3.352	3.337	3.364	VV	212	2397	0.12%	0.007%	
48	3.387	3.364	3.403	VV	684	10040	0.51%	0.029%	
49	3.413	3.403	3.438	VV	521	7103	0.36%	0.021%	
50	3.458	3.438	3.469	VV	463	6516	0.33%	0.019%	
51	3.486	3.469	3.510	VV	544	9493	0.48%	0.027%	
52	3.526	3.510	3.541	VV	332	4632	0.24%	0.013%	
53	3.559	3.541	3.590	VV	772	14842	0.75%	0.043%	
54	3.595	3.590	3.622	VV	455	6369	0.32%	0.018%	
55	3.638	3.622	3.664	VV	443	8193	0.42%	0.024%	
56	3.693	3.664	3.742	VV	1077	23046	1.17%	0.067%	
57	3.775	3.742	3.803	VV	692	15193	0.77%	0.044%	
58	3.817	3.803	3.823	VV	358	3543	0.18%	0.010%	
59	3.828	3.823	3.842	VV	349	3138	0.16%	0.009%	
60	3.846	3.842	3.860	VV	393	2533	0.13%	0.007%	
61	3.878	3.860	3.911	VV	524	8786	0.45%	0.025%	
62	3.944	3.911	3.959	VV	464	8704	0.44%	0.025%	
63	3.962	3.959	3.998	VV	387	6224	0.32%	0.018%	
64	4.020	3.998	4.029	VV	239	4063	0.21%	0.012%	
65	4.042	4.029	4.063	VV	396	5974	0.30%	0.017%	
66	4.067	4.063	4.077	VV	303	2452	0.12%	0.007%	
67	4.080	4.077	4.095	VV	346	3458	0.18%	0.010%	
68	4.104	4.095	4.120	VV	385	4729	0.24%	0.014%	
69	4.144	4.120	4.172	VV	2950	37397	1.90%	0.108%	
70	4.180	4.172	4.198	VV	311	3950	0.20%	0.011%	
71	4.227	4.198	4.245	VV	402	8130	0.41%	0.024%	
72	4.248	4.245	4.260	VV	309	2576	0.13%	0.007%	
73	4.270	4.260	4.297	VV	362	6090	0.31%	0.018%	
74	4.313	4.297	4.338	VV	492	8173	0.41%	0.024%	
75	4.343	4.338	4.353	VV	269	2045	0.10%	0.006%	
76	4.357	4.353	4.382	VV	220	3116	0.16%	0.009%	
77	4.395	4.382	4.427	VV	325	6049	0.31%	0.018%	
78	4.437	4.427	4.452	VV	353	3447	0.17%	0.010%	
79	4.461	4.452	4.465	VV	299	1742	0.09%	0.005%	
80	4.472	4.465	4.478	VV	243	1664	0.08%	0.005%	
81	4.507	4.478	4.530	VV	346	8218	0.42%	0.024%	
82	4.536	4.530	4.550	VV	321	2800	0.14%	0.008%	
83	4.557	4.550	4.567	VV	236	2164	0.11%	0.006%	
84	4.572	4.567	4.585	VV	274	2494	0.13%	0.007%	
85	4.589	4.585	4.599	VV	271	1799	0.09%	0.005%	
86	4.617	4.599	4.649	VV	516	10189	0.52%	0.029%	
87	4.653	4.649	4.657	VV	250	1186	0.06%	0.003%	
88	4.677	4.657	4.691	VV	352	5370	0.27%	0.016%	
89	4.722	4.691	4.738	VV	404	8803	0.45%	0.025%	

Instrument :

FID_G

ClientSampleId :

CO-8R-WC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

90	4.744	4.738	4.748	VV	385	1973	0.10%	0.006%
91	4.752	4.748	4.777	VV	370	4844		
92	4.792	4.777	4.806	VV	396	4865		
93	4.811	4.806	4.816	VV	346	1705		
94	4.825	4.816	4.853	VV	312	5609		
95	4.855	4.853	4.861	VV	284	1226		
96	4.864	4.861	4.869	VV	246	1176	0.06%	0.003%
97	4.873	4.869	4.881	VV	301	1920	0.10%	0.006%
98	4.895	4.881	4.905	VV	287	3494	0.18%	0.010%
99	4.908	4.905	4.919	VV	294	1915	0.10%	0.006%
100	4.930	4.919	4.952	VV	298	4825	0.24%	0.014%
101	4.960	4.952	4.974	VV	312	3428	0.17%	0.010%
102	4.985	4.974	4.990	VV	310	2532	0.13%	0.007%
103	5.005	4.990	5.023	VV	297	4870	0.25%	0.014%
104	5.026	5.023	5.035	VV	281	1735	0.09%	0.005%
105	5.042	5.035	5.090	VV	276	6800	0.35%	0.020%
106	5.108	5.090	5.133	VV	281	5243	0.27%	0.015%
107	5.145	5.133	5.174	VV	281	5184	0.26%	0.015%
108	5.183	5.174	5.216	VV	262	4623	0.23%	0.013%
109	5.221	5.216	5.227	VV	200	1008	0.05%	0.003%
110	5.232	5.227	5.246	VV	190	1843	0.09%	0.005%
111	5.257	5.246	5.262	VV	223	1627	0.08%	0.005%
112	5.271	5.262	5.292	VV	218	3264	0.17%	0.009%
113	5.296	5.292	5.313	VV	208	2251	0.11%	0.007%
114	5.325	5.313	5.338	VV	295	3249	0.16%	0.009%
115	5.343	5.338	5.362	VV	200	2242	0.11%	0.006%
116	5.370	5.362	5.385	VV	242	1967	0.10%	0.006%
117	5.400	5.385	5.404	VV	177	1831	0.09%	0.005%
118	5.408	5.404	5.420	VV	196	1471	0.07%	0.004%
119	5.425	5.420	5.457	VV	220	3574	0.18%	0.010%
120	5.463	5.457	5.486	VV	209	2412	0.12%	0.007%
121	5.489	5.486	5.506	VV	189	1807	0.09%	0.005%
122	5.509	5.506	5.525	VV	189	1817	0.09%	0.005%
123	5.529	5.525	5.541	VV	192	1471	0.07%	0.004%
124	5.545	5.541	5.561	VV	203	1506	0.08%	0.004%
125	5.592	5.561	5.607	VV	253	4036	0.20%	0.012%
126	5.613	5.607	5.625	VV	191	1546	0.08%	0.004%
127	5.652	5.625	5.702	VV	298	8046	0.41%	0.023%
128	5.705	5.702	5.710	VV	176	610	0.03%	0.002%
129	5.717	5.710	5.726	VV	162	1077	0.05%	0.003%
130	5.745	5.726	5.749	VV	190	1814	0.09%	0.005%
131	5.765	5.749	5.802	VV	193	4377	0.22%	0.013%
132	5.807	5.802	5.819	VV	193	1493	0.08%	0.004%
133	5.833	5.819	5.854	VV	187	2930	0.15%	0.008%
134	5.872	5.854	5.899	VV	165	3282	0.17%	0.010%
135	5.920	5.899	5.944	VV	284	4677	0.24%	0.014%
136	5.958	5.944	5.984	VV	218	3940	0.20%	0.011%
137	5.992	5.984	6.002	VV	321	1317	0.07%	0.004%
138	6.005	6.002	6.009	VV	229	537	0.03%	0.002%
139	6.015	6.009	6.022	VV	186	828	0.04%	0.002%
140	6.024	6.022	6.035	VV	194	983	0.05%	0.003%
141	6.041	6.035	6.057	VV	142	1338	0.07%	0.004%

Instrument :

FID_G

ClientSampleId :

CO-8R-WC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

142	6.062	6.057	6.077	VV	121	1099	0.06%	0.003%
143	6.081	6.077	6.091	VV	123	813	0.06%	0.003%
144	6.121	6.091	6.125	VV	150	1757	0.06%	0.003%
145	6.130	6.125	6.154	VV	174	1955	0.06%	0.003%
146	6.177	6.154	6.187	VV	173	2377	0.06%	0.003%
147	6.191	6.187	6.205	VV	169	1240	0.06%	0.003%
148	6.238	6.205	6.266	VV	527	11878	0.60%	0.034%
149	6.270	6.266	6.276	VV	384	2021	0.10%	0.006%
150	6.282	6.276	6.294	VV	322	2968	0.15%	0.009%
151	6.298	6.294	6.318	VV	331	3724	0.19%	0.011%
152	6.324	6.318	6.328	VV	306	1375	0.07%	0.004%
153	6.333	6.328	6.337	VV	319	1478	0.07%	0.004%
154	6.341	6.337	6.361	VV	272	3252	0.17%	0.009%
155	6.371	6.361	6.392	VV	308	4911	0.25%	0.014%
156	6.397	6.392	6.434	VV	314	6022	0.31%	0.017%
157	6.456	6.434	6.464	VV	258	3716	0.19%	0.011%
158	6.467	6.464	6.477	VV	235	1568	0.08%	0.005%
159	6.482	6.477	6.500	VV	230	2759	0.14%	0.008%
160	6.507	6.500	6.512	VV	184	1233	0.06%	0.004%
161	6.517	6.512	6.543	VV	218	2798	0.14%	0.008%
162	6.555	6.543	6.585	VV	196	3722	0.19%	0.011%
163	6.592	6.585	6.610	VV	218	2347	0.12%	0.007%
164	6.637	6.610	6.644	VV	245	3803	0.19%	0.011%
165	6.645	6.644	6.672	VV	247	2646	0.13%	0.008%
166	6.690	6.672	6.708	VV	281	4400	0.22%	0.013%
167	6.714	6.708	6.740	VV	178	3039	0.15%	0.009%
168	6.756	6.740	6.767	VV	162	2278	0.12%	0.007%
169	6.770	6.767	6.774	VV	150	632	0.03%	0.002%
170	6.781	6.774	6.860	VV	209	6513	0.33%	0.019%
171	6.872	6.860	6.886	VV	164	1621	0.08%	0.005%
172	6.889	6.886	6.897	VV	147	498	0.03%	0.001%
173	6.900	6.897	6.912	VV	97	495	0.03%	0.001%
174	6.924	6.912	6.937	VV	133	1100	0.06%	0.003%
175	6.942	6.937	6.960	VV	114	857	0.04%	0.002%
176	6.977	6.960	6.998	VV	154	1478	0.08%	0.004%
177	7.017	6.998	7.024	VV	117	1034	0.05%	0.003%
178	7.029	7.024	7.045	VV	68	730	0.04%	0.002%
179	7.047	7.045	7.051	VV	83	153	0.01%	0.000%
180	7.058	7.051	7.064	PV	120	468	0.02%	0.001%
181	7.065	7.064	7.069	VV	101	161	0.01%	0.000%
182	7.098	7.069	7.135	VV	154	3240	0.16%	0.009%
183	7.146	7.135	7.167	VV	134	1814	0.09%	0.005%
184	7.273	7.167	7.295	VV	249	12256	0.62%	0.035%
185	7.308	7.295	7.320	VV	244	2850	0.14%	0.008%
186	7.344	7.320	7.393	VV	308	10776	0.55%	0.031%
187	7.412	7.393	7.443	VV	321	7230	0.37%	0.021%
188	7.470	7.443	7.528	VV	525	13993	0.71%	0.041%
189	7.537	7.528	7.550	VV	228	2554	0.13%	0.007%
190	7.573	7.550	7.617	VV	914	8890	0.45%	0.026%
191	7.640	7.617	7.750	VV	279	12254	0.62%	0.035%
192	7.770	7.750	7.789	VV	152	1997	0.10%	0.006%
193	7.816	7.789	7.850	VV	156	2926	0.15%	0.008%
194	7.872	7.850	7.895	PV	143	2075	0.11%	0.006%

Instrument :

FID_G

ClientSampleId :

CO-8R-WC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

195	7.917	7.895	8.030	VV	216	7077	0.36%	0.020%
196	8.104	8.030	8.146	VV	256	9634		
197	8.158	8.146	8.195	VV	142	2697		
198	8.200	8.195	8.225	VV	203	1727		
199	8.249	8.225	8.264	VV	281	4285		
200	8.277	8.264	8.319	VV	379	6090		
201	8.344	8.319	8.383	VV	278	7364	0.37%	0.021%
202	8.395	8.383	8.407	VV	230	2589	0.13%	0.007%
203	8.450	8.407	8.472	VV	586	12976	0.66%	0.038%
204	8.483	8.472	8.503	VV	537	7972	0.40%	0.023%
205	8.524	8.503	8.582	VV	634	18798	0.95%	0.054%
206	8.637	8.582	8.722	VV	1564	50394	2.56%	0.146%
207	8.734	8.722	8.789	VV	286	9114	0.46%	0.026%
208	8.795	8.789	8.841	VV	245	3426	0.17%	0.010%
209	8.932	8.841	8.999	PV	3763	72659	3.69%	0.210%
210	9.014	8.999	9.031	VV	575	9692	0.49%	0.028%
211	9.046	9.031	9.055	VV	510	6288	0.32%	0.018%
212	9.063	9.055	9.093	VV	821	8234	0.42%	0.024%
213	9.103	9.093	9.142	VV	234	5173	0.26%	0.015%
214	9.177	9.142	9.201	VV	589	10090	0.51%	0.029%
215	9.256	9.201	9.307	VV	657	27320	1.39%	0.079%
216	9.314	9.307	9.332	VV	298	4154	0.21%	0.012%
217	9.353	9.332	9.375	VV	773	12776	0.65%	0.037%
218	9.395	9.375	9.427	VV	537	11252	0.57%	0.033%
219	9.430	9.427	9.474	VV	241	3648	0.19%	0.011%
220	9.504	9.474	9.525	VV	430	6024	0.31%	0.017%
221	9.547	9.525	9.577	VV	327	6391	0.32%	0.019%
222	9.590	9.577	9.615	VV	184	2694	0.14%	0.008%
223	9.643	9.615	9.670	VV	304	6320	0.32%	0.018%
224	9.734	9.670	9.789	VV	2341	54463	2.76%	0.158%
225	9.804	9.789	9.832	VV	754	14423	0.73%	0.042%
226	9.850	9.832	9.860	VV	420	6825	0.35%	0.020%
227	9.878	9.860	9.920	VV	878	20970	1.06%	0.061%
228	9.937	9.920	9.984	VV	468	13109	0.67%	0.038%
229	10.023	9.984	10.037	VV	1182	20864	1.06%	0.060%
230	10.056	10.037	10.119	VV	1126	36456	1.85%	0.106%
231	10.137	10.119	10.154	VV	910	14580	0.74%	0.042%
232	10.162	10.154	10.206	VV	693	16506	0.84%	0.048%
233	10.214	10.206	10.273	VV	410	12815	0.65%	0.037%
234	10.309	10.273	10.329	VV	345	6355	0.32%	0.018%
235	10.340	10.329	10.391	VV	257	5127	0.26%	0.015%
236	10.405	10.391	10.434	PV	163	1523	0.08%	0.004%
237	10.478	10.434	10.507	VV	338	5310	0.27%	0.015%
238	10.527	10.507	10.556	VV	375	5270	0.27%	0.015%
239	10.587	10.556	10.600	VV	479	7218	0.37%	0.021%
240	10.619	10.600	10.643	VV	668	12048	0.61%	0.035%
241	10.661	10.643	10.710	VV	571	10930	0.55%	0.032%
242	10.732	10.710	10.774	VV	746	13633	0.69%	0.039%
243	10.810	10.774	10.842	VV	828	21581	1.09%	0.062%
244	10.879	10.842	10.890	VV	692	13996	0.71%	0.041%
245	10.903	10.890	10.920	VV	630	7990	0.41%	0.023%
246	10.949	10.920	11.025	VV	1645	41669	2.11%	0.121%

Instrument :

FID_G

ClientSampleId :

CO-8R-WC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

rteres									
247	11.053	11.025	11.089	PV	2140	33751	1.71%	0.098%	
248	11.138	11.089	11.197	VV	32992	501394	25.10%	0.000%	
249	11.219	11.197	11.387	VV	7872	209420	10.00%	0.000%	
250	11.396	11.387	11.429	VV	312	5886	0.00%	0.000%	
251	11.456	11.429	11.502	VV	1652	42444	2.00%	0.000%	
252	11.509	11.502	11.564	VV	621	16462	0.00%	0.000%	
253	11.585	11.564	11.617	VV	845	12655	0.64%	0.037%	
254	11.673	11.617	11.724	VV	1351	27869	1.41%	0.081%	
255	11.741	11.724	11.762	VV	371	4764	0.24%	0.014%	
256	11.800	11.762	11.830	PV	339	7037	0.36%	0.020%	
257	11.872	11.830	11.891	VV	144	3751	0.19%	0.011%	
258	11.901	11.891	11.912	PV	119	639	0.03%	0.002%	
259	11.947	11.912	11.964	PV	3442	43711	2.22%	0.127%	
260	11.980	11.964	12.029	VV	4050	78805	4.00%	0.228%	
261	12.059	12.029	12.082	VV	7398	112752	5.72%	0.326%	
262	12.095	12.082	12.110	VV	2581	35734	1.81%	0.103%	
263	12.127	12.110	12.176	VV	3371	55440	2.81%	0.161%	
264	12.195	12.176	12.212	PV	288	4152	0.21%	0.012%	
265	12.256	12.212	12.305	VV	888	22658	1.15%	0.066%	
266	12.346	12.305	12.397	VV	1392	34741	1.76%	0.101%	
267	12.424	12.397	12.474	VV	2121	41991	2.13%	0.122%	
268	12.512	12.474	12.547	VV	1756	33105	1.68%	0.096%	
269	12.567	12.547	12.602	VV	545	10970	0.56%	0.032%	
270	12.646	12.602	12.657	VV	399	9427	0.48%	0.027%	
271	12.693	12.657	12.717	VV	701	18112	0.92%	0.052%	
272	12.741	12.717	12.787	VV	981	23372	1.19%	0.068%	
273	12.848	12.787	12.870	VV	2997	72863	3.70%	0.211%	
274	12.904	12.870	12.936	VV	2071	54029	2.74%	0.156%	
275	12.965	12.936	13.035	VV	68100	916294	46.49%	2.653%	
276	13.048	13.035	13.087	VV	1205	27495	1.40%	0.080%	
277	13.114	13.087	13.135	VV	1223	27933	1.42%	0.081%	
278	13.154	13.135	13.189	VV	2761	49432	2.51%	0.143%	
279	13.208	13.189	13.237	VV	1094	24939	1.27%	0.072%	
280	13.264	13.237	13.306	VV	56804	749973	38.05%	2.171%	
281	13.323	13.306	13.342	VV	7082	98140	4.98%	0.284%	
282	13.360	13.342	13.417	VV	5714	109416	5.55%	0.317%	
283	13.446	13.417	13.462	VV	1836	31321	1.59%	0.091%	
284	13.487	13.462	13.503	VV	1993	36033	1.83%	0.104%	
285	13.514	13.503	13.526	VV	1480	17853	0.91%	0.052%	
286	13.548	13.526	13.585	VV	3959	75697	3.84%	0.219%	
287	13.595	13.585	13.617	VV	1075	16159	0.82%	0.047%	
288	13.632	13.617	13.649	VV	972	14430	0.73%	0.042%	
289	13.672	13.649	13.707	VV	1677	35727	1.81%	0.103%	
290	13.733	13.707	13.806	VV	3220	65322	3.31%	0.189%	
291	13.863	13.806	13.907	PV	8290	159846	8.11%	0.463%	
292	13.923	13.907	13.944	VV	950	13758	0.70%	0.040%	
293	13.970	13.944	13.994	VV	6311	89193	4.53%	0.258%	
294	14.009	13.994	14.030	VV	3546	53937	2.74%	0.156%	
295	14.046	14.030	14.077	VV	2082	32602	1.65%	0.094%	
296	14.137	14.077	14.161	VV	3112	84871	4.31%	0.246%	
297	14.182	14.161	14.230	VV	2313	44241	2.24%	0.128%	
298	14.273	14.230	14.290	VV	562	13210	0.67%	0.038%	
299	14.305	14.290	14.324	VV	573	8899	0.45%	0.026%	

Instrument :

FID_G

ClientSampleId :

CO-8R-WC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

300	14.341	14.324	14.362	VV	615	9961	0.51%	0.029%
301	14.373	14.362	14.410	VV	471	8203		
302	14.456	14.410	14.482	PV	565	12587		
303	14.589	14.482	14.606	VV	3815	121643		
304	14.620	14.606	14.650	VV	2987	62060		
305	14.669	14.650	14.689	VV	2108	40605		
306	14.704	14.689	14.715	VV	1620	23750	1.21%	0.069%
307	14.733	14.715	14.750	VV	1947	32279	1.64%	0.093%
308	14.784	14.750	14.817	VV	4995	105441	5.35%	0.305%
309	14.842	14.817	14.877	VV	7834	145472	7.38%	0.421%
310	14.899	14.877	14.912	VV	2548	45469	2.31%	0.132%
311	14.924	14.912	14.977	VV	2772	66680	3.38%	0.193%
312	15.005	14.977	15.099	VV	9468	179822	9.12%	0.521%
313	15.120	15.099	15.128	PV	1789	19316	0.98%	0.056%
314	15.156	15.128	15.176	VV	29359	392946	19.94%	1.138%
315	15.197	15.176	15.281	VV	29376	485402	24.63%	1.405%
316	15.318	15.281	15.385	VV	6051	125242	6.35%	0.363%
317	15.394	15.385	15.404	VV	629	6991	0.35%	0.020%
318	15.424	15.404	15.444	VV	965	16910	0.86%	0.049%
319	15.478	15.444	15.489	VV	2047	35771	1.81%	0.104%
320	15.505	15.489	15.559	VV	2335	53126	2.70%	0.154%
321	15.598	15.559	15.685	PV	4128	108631	5.51%	0.315%
322	15.748	15.685	15.773	VV	3714	74742	3.79%	0.216%
323	15.790	15.773	15.805	VV	990	17313	0.88%	0.050%
324	15.835	15.805	15.859	VV	5411	92298	4.68%	0.267%
325	15.873	15.859	15.907	VV	2785	51904	2.63%	0.150%
326	15.923	15.907	15.953	VV	1701	34594	1.76%	0.100%
327	15.996	15.953	16.039	VV	3895	122279	6.20%	0.354%
328	16.070	16.039	16.140	VV	2313	73568	3.73%	0.213%
329	16.161	16.140	16.198	VV	1220	23340	1.18%	0.068%
330	16.205	16.198	16.214	VV	278	2491	0.13%	0.007%
331	16.240	16.214	16.289	PV	1837	50630	2.57%	0.147%
332	16.297	16.289	16.312	VV	683	6316	0.32%	0.018%
333	16.345	16.312	16.355	PV	626	9841	0.50%	0.028%
334	16.363	16.355	16.374	VV	359	2717	0.14%	0.008%
335	16.437	16.374	16.453	PV	1049	23850	1.21%	0.069%
336	16.478	16.453	16.490	PV	834	10879	0.55%	0.031%
337	16.523	16.490	16.554	VV	1995	50914	2.58%	0.147%
338	16.636	16.554	16.655	VV	2471	81872	4.15%	0.237%
339	16.724	16.655	16.744	VV	35712	543306	27.57%	1.573%
340	16.754	16.744	16.792	VV	14760	217725	11.05%	0.630%
341	16.810	16.792	16.820	VV	1744	25921	1.32%	0.075%
342	16.859	16.820	16.921	VV	7911	167740	8.51%	0.486%
343	16.950	16.921	16.960	VV	642	12149	0.62%	0.035%
344	17.011	16.960	17.022	VV	3582	61668	3.13%	0.179%
345	17.046	17.022	17.080	VV	20695	318495	16.16%	0.922%
346	17.107	17.080	17.175	VV	26427	430707	21.85%	1.247%
347	17.210	17.175	17.240	VV	8261	142024	7.21%	0.411%
348	17.254	17.240	17.304	VV	1929	38285	1.94%	0.111%
349	17.348	17.304	17.363	VV	2181	38757	1.97%	0.112%
350	17.375	17.363	17.390	VV	1309	13878	0.70%	0.040%
351	17.428	17.390	17.440	PV	1460	21177	1.07%	0.061%

Instrument :

FID_G

ClientSampleId :

CO-8R-WC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

					rters			
352	17.471	17.440	17.494	VV	3375	80338	4.08%	0.233%
353	17.515	17.494	17.532	VV	2975	49154		
354	17.544	17.532	17.551	VV	1139	12047		
355	17.572	17.551	17.587	VV	2598	37963		
356	17.612	17.587	17.627	VV	3533	59338		
357	17.645	17.627	17.671	VV	2545	48258		
358	17.697	17.671	17.717	PV	2341	32666	1.66%	0.095%
359	17.754	17.717	17.771	VV	2196	52320	2.65%	0.151%
360	17.791	17.771	17.812	VV	2787	53032	2.69%	0.154%
361	17.840	17.812	17.869	VV	2084	51478	2.61%	0.149%
362	17.897	17.869	17.912	VV	2828	42050	2.13%	0.122%
363	17.930	17.912	17.941	VV	2359	34659	1.76%	0.100%
364	17.956	17.941	17.964	VV	2803	26209	1.33%	0.076%
365	17.979	17.964	18.003	VV	3446	59757	3.03%	0.173%
366	18.051	18.003	18.065	VV	4986	105670	5.36%	0.306%
367	18.078	18.065	18.107	VV	8245	131211	6.66%	0.380%
368	18.116	18.107	18.127	VV	4319	44059	2.24%	0.128%
369	18.145	18.127	18.162	VV	4055	73272	3.72%	0.212%
370	18.172	18.162	18.183	VV	3595	37626	1.91%	0.109%
371	18.205	18.183	18.251	VV	6528	183331	9.30%	0.531%
372	18.265	18.251	18.285	VV	4355	63734	3.23%	0.185%
373	18.303	18.285	18.325	VV	4645	65807	3.34%	0.191%
374	18.338	18.325	18.351	VV	2182	18983	0.96%	0.055%
375	18.399	18.351	18.417	PV	7626	162459	8.24%	0.470%
376	18.433	18.417	18.457	VV	5763	111010	5.63%	0.321%
377	18.489	18.457	18.524	VV	21284	484620	24.59%	1.403%
378	18.547	18.524	18.560	VV	9414	170633	8.66%	0.494%
379	18.585	18.560	18.595	VV	9763	182092	9.24%	0.527%
380	18.627	18.595	18.651	VV	12365	327118	16.60%	0.947%
381	18.662	18.651	18.681	VV	11424	176770	8.97%	0.512%
382	18.690	18.681	18.705	VV	10932	123973	6.29%	0.359%
383	18.744	18.705	18.782	VV	24216	579332	29.39%	1.677%
384	18.811	18.782	18.822	VV	11437	242442	12.30%	0.702%
385	18.895	18.822	18.908	VV	17414	636152	32.28%	1.842%
386	18.928	18.908	18.944	VV	13285	247581	12.56%	0.717%
387	19.011	18.944	19.026	VV	16277	659475	33.46%	1.909%
388	19.055	19.026	19.068	VV	16386	363061	18.42%	1.051%
389	19.077	19.068	19.087	VV	14641	150894	7.66%	0.437%
390	19.093	19.087	19.102	VV	13604	112918	5.73%	0.327%
391	19.114	19.102	19.130	VV	14770	224273	11.38%	0.649%
392	19.146	19.130	19.160	VV	14065	235519	11.95%	0.682%
393	19.183	19.160	19.215	VV	16109	462648	23.47%	1.339%
394	19.224	19.215	19.238	VV	16036	180493	9.16%	0.523%
395	19.270	19.238	19.288	VV	17493	451093	22.89%	1.306%
396	19.311	19.288	19.320	VV	20060	335031	17.00%	0.970%
397	19.364	19.320	19.375	VV	21480	649371	32.95%	1.880%
398	19.384	19.375	19.398	VV	22437	267529	13.57%	0.775%
399	19.425	19.398	19.451	VV	23864	678749	34.44%	1.965%
400	19.462	19.451	19.477	VV	24041	339073	17.20%	0.982%
401	19.487	19.477	19.502	VV	25672	347863	17.65%	1.007%
402	19.511	19.502	19.522	VV	23456	259753	13.18%	0.752%
403	19.529	19.522	19.569	VV	23592	595315	30.21%	1.724%
404	19.582	19.569	19.590	VV	20868	248013	12.58%	0.718%

Instrument :

FID_G

ClientSampleId :

CO-8R-WC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

Sum of corrected areas: 34539956



CALIBRATION SUMMARY

TPH GC INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: WALS01
 ProjectID: Walsh CO-032 Sampling
 Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG No.: Q1907

Calibration Sequence : FG042425		Test : TPH GC	
Concentration (PPM)	Area Count	Reference Factor	File ID
1700	193935875	114080	FG015756.D
850	102468017	120551	FG015757.D
340	41273634	121393	FG015758.D
170	22173981	130435	FG015759.D
85	10166512	119606	FG015760.D
AVG RF : 121213		% RSD : 4.863	AVG RT : 15.0012

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: WALS01
ProjectID: Walsh CO-032 Sampling
Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG No.: Q1907
DataFile: FG015772.D Analyst Name: YP\AJ Analyst Date: 04-29-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	103719858	122023	121213	0.668

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
 Data File : FG015772.D
 Signal(s) : FID1A.ch
 Acq On : 29 Apr 2025 18:16
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Apr 30 01:20:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.004	5301024	45.024 ug/ml
Target Compounds			
1) N-OCTANE	1.975	5006181	44.422 ug/ml
2) N-DECANE	4.504	5468799	49.121 ug/ml
3) N-DODECANE	6.686	5705679	49.787 ug/ml
4) N-TETRADECANE	8.522	5849850	48.277 ug/ml
5) N-HEXADECANE	10.136	5944237	47.348 ug/ml
6) N-OCTADECANE	11.584	6096130	46.517 ug/ml
7) N-EICOSANE	12.900	6181083	45.591 ug/ml
8) N-DOCOSANE	14.103	6023285	45.414 ug/ml
10) N-TETRACOSANE	15.209	6024105	45.333 ug/ml
11) N-HEXACOSANE	16.233	5973249	45.040 ug/ml
12) N-OCTACOSANE	17.187	5941061	45.065 ug/ml
13) N-TRIACONTANE	18.076	6135793	46.023 ug/ml
14) N-DOTRIACONTANE	18.911	6228685	47.249 ug/ml
15) N-TETRATRIACONTANE	19.695	6500692	53.753 ug/ml
16) N-HEXATRIACONTANE	20.436	6731133	62.780 ug/ml
17) N-OCTATRIACONTANE	21.178	6991511	72.580 ug/ml
18) N-TETRACONTANE	22.100	6918385	77.695 ug/ml

(f)=RT Delta > 1/2 Window

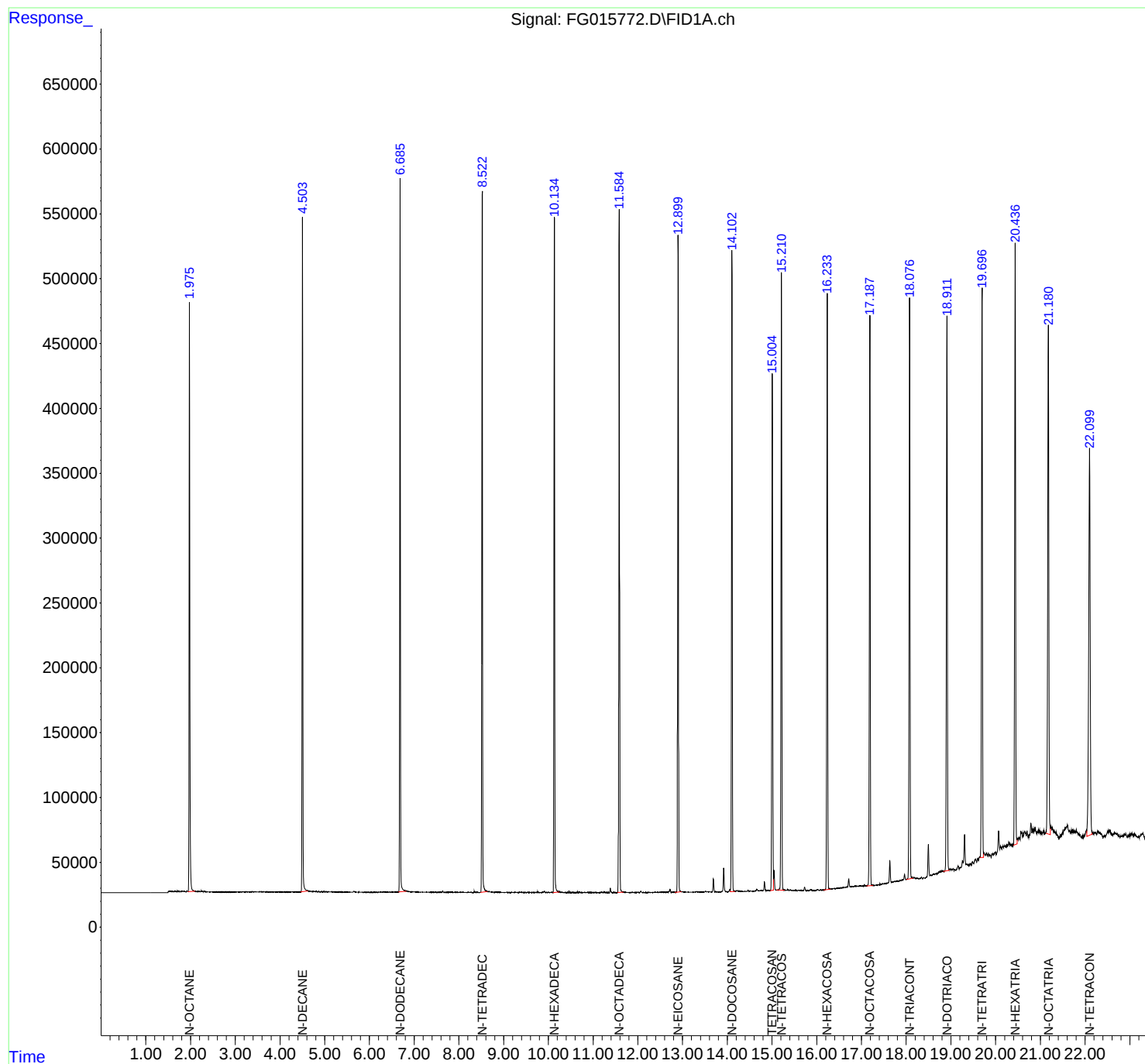
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015772.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 18:16
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Apr 30 01:20:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 12:54:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015772.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 18:16
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.975	1.944	2.099	BB	453446	5006181	71.60%	4.592%
2	4.504	4.459	4.623	BB	520084	5468799	78.22%	5.016%
3	6.686	6.644	6.821	BB	549000	5705679	81.61%	5.234%
4	8.522	8.483	8.645	BB	540146	5849850	83.67%	5.366%
5	10.136	10.100	10.245	BB	519899	5944237	85.02%	5.452%
6	11.584	11.544	11.677	BB	526473	6096130	87.19%	5.592%
7	12.900	12.823	12.977	BB	505998	6181083	88.41%	5.670%
8	14.103	14.067	14.175	VB	491016	6023285	86.15%	5.525%
9	15.004	14.956	15.032	BV	397748	5301024	75.82%	4.862%
10	15.209	15.099	15.279	BB	472930	6024105	86.16%	5.526%
11	16.233	16.155	16.306	BB	459131	5973249	85.44%	5.479%
12	17.187	17.108	17.258	BB	437138	5941061	84.98%	5.449%
13	18.076	18.003	18.160	BB	447325	6135793	87.76%	5.628%
14	18.911	18.833	18.954	BV	423403	6228685	89.09%	5.713%
15	19.695	19.654	19.727	VV	436881	6500692	92.98%	5.963%
16	20.436	20.391	20.479	BV	461773	6731133	96.28%	6.174%
17	21.178	21.121	21.225	BV	390214	6991511	100.00%	6.413%
18	22.100	22.038	22.153	VV	298765	6918385	98.95%	6.346%
Sum of corrected areas:						109020881		

FG042425.M Wed Apr 30 02:05:06 2025

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: WALS01
ProjectID: Walsh CO-032 Sampling
Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG No.: Q1907
DataFile: FG015781.D Analyst Name: YP\AJ Analyst Date: 04-29-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	104113155	122486	121213	1.05

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
 Data File : FG015781.D
 Signal(s) : FID1A.ch
 Acq On : 29 Apr 2025 23:40
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Apr 30 01:23:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.009	5308380	45.087 ug/ml
Target Compounds			
1) N-OCTANE	1.975	5103806	45.288 ug/ml
2) N-DECANE	4.505	5626388	50.536 ug/ml
3) N-DODECANE	6.688	5835672	50.921 ug/ml
4) N-TETRADECANE	8.525	5969226	49.262 ug/ml
5) N-HEXADECANE	10.139	6046342	48.162 ug/ml
6) N-OCTADECANE	11.588	6191105	47.241 ug/ml
7) N-EICOSANE	12.903	6257756	46.157 ug/ml
8) N-DOCOSANE	14.106	6066038	45.737 ug/ml
10) N-TETRACOSANE	15.214	6030928	45.384 ug/ml
11) N-HEXACOSANE	16.237	5933836	44.743 ug/ml
12) N-OCTACOSANE	17.190	5859603	44.447 ug/ml
13) N-TRIACONTANE	18.081	6031008	45.237 ug/ml
14) N-DOTRIACONTANE	18.916	6072894	46.067 ug/ml
15) N-TETRATRIACONTANE	19.702	6366173	52.641 ug/ml
16) N-HEXATRIACONTANE	20.443	6650635	62.030 ug/ml
17) N-OCTATRIACONTANE	21.187	7023139	72.908 ug/ml
18) N-TETRACONTANE	22.107	7048606	79.157 ug/ml

(f)=RT Delta > 1/2 Window

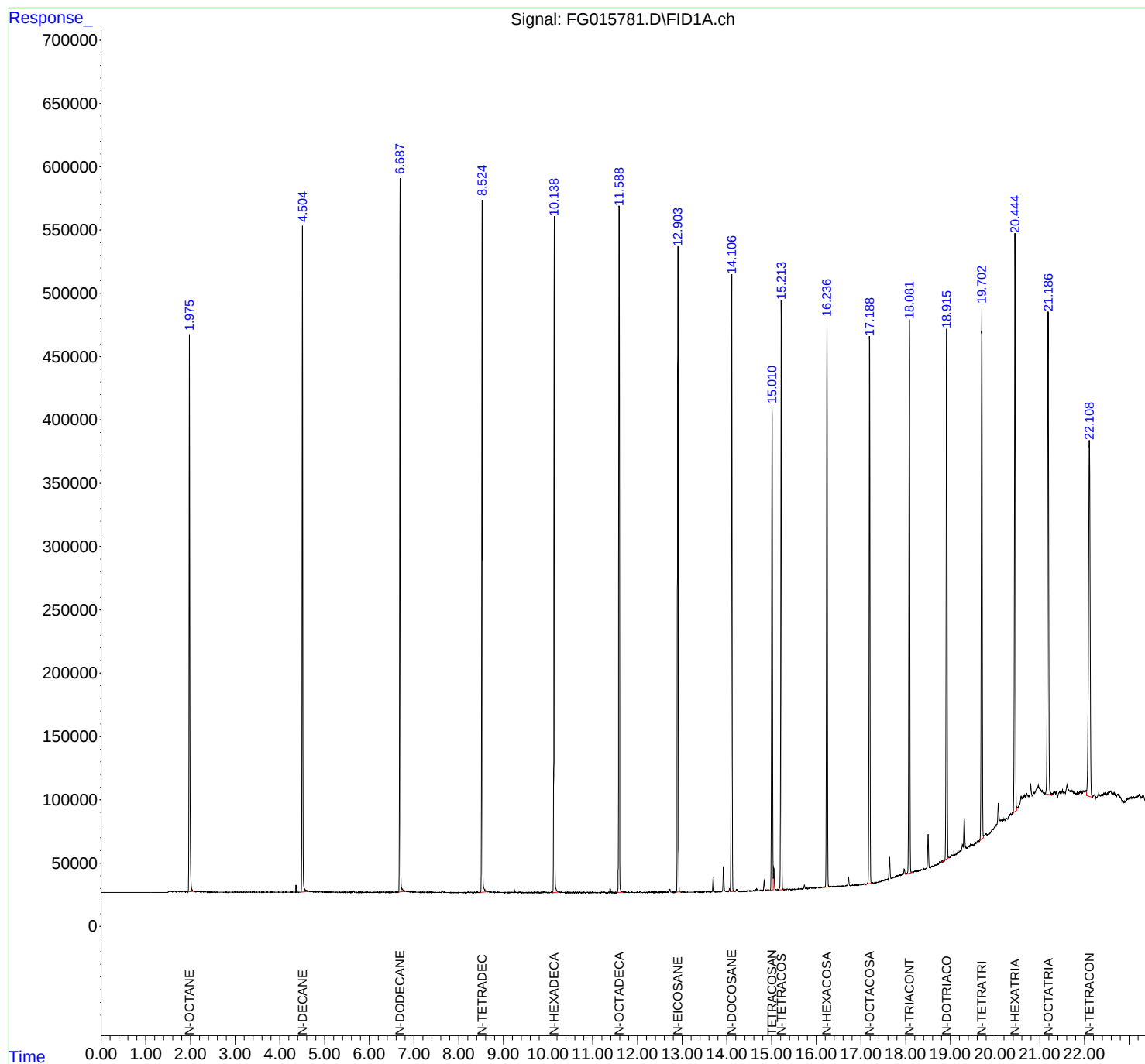
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015781.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 23:40
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Apr 30 01:23:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 12:54:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015781.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 23:40
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.975	1.943	2.090	BB	440324	5103806	72.41%	4.664%
2	4.505	4.463	4.635	BB	526336	5626388	79.82%	5.142%
3	6.688	6.647	6.810	BB	561873	5835672	82.79%	5.333%
4	8.525	8.484	8.646	BB	546408	5969226	84.69%	5.455%
5	10.139	10.103	10.244	BB	533255	6046342	85.78%	5.526%
6	11.588	11.547	11.682	BB	541695	6191105	87.83%	5.658%
7	12.903	12.856	12.978	BB	509868	6257756	88.78%	5.719%
8	14.106	14.070	14.178	VB	487008	6066038	86.06%	5.544%
9	15.009	14.904	15.036	BV	383837	5308380	75.31%	4.851%
10	15.214	15.146	15.277	PB	464093	6030928	85.56%	5.512%
11	16.237	16.164	16.308	BB	449445	5933836	84.18%	5.423%
12	17.190	17.104	17.250	BB	430521	5859603	83.13%	5.355%
13	18.081	18.001	18.151	VB	431980	6031008	85.56%	5.512%
14	18.916	18.787	18.964	PB	417985	6072894	86.16%	5.550%
15	19.702	19.640	19.737	BV	417461	6366173	90.32%	5.818%
16	20.443	20.390	20.481	BV	457695	6650635	94.35%	6.078%
17	21.187	21.120	21.270	BV	380604	7023139	99.64%	6.418%
18	22.107	22.044	22.175	VV	280036	7048606	100.00%	6.442%
Sum of corrected areas:						109421535		

FG042425.M Wed Apr 30 02:07:33 2025

Analytical Sequence

Client: Walsh Construction Company II, LLC

SDG No.: Q1907

Project: Walsh CO-032 Sampling

Instrument ID: FID_G

GC Column: RXI-1MS **ID:** 0.18 (mm)

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM INITIAL CALIBRATION 15.0012					
EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	29 Apr 2025 17:17	FG015771.D	15.002	
50 PPM TRPH STD	50 PPM TRPH STD	29 Apr 2025 18:16	FG015772.D	15.004	
PB167783BL	PB167783BL	29 Apr 2025 19:15	FG015773.D	15.002	
PB167783BS	PB167783BS	29 Apr 2025 19:44	FG015774.D	15.001	
AU-6-042425MS	Q1877-01MS	29 Apr 2025 20:43	FG015776.D	14.952	
AU-6-042425MSD	Q1877-01MSD	29 Apr 2025 21:13	FG015777.D	14.958	
CO-8R-WC	Q1907-01	29 Apr 2025 21:42	FG015778.D	15.005	
PIBLK02	LBLK02	29 Apr 2025 22:41	FG015780.D	15.007	
50 PPM TRPH STD	50 PPM TRPH STD	29 Apr 2025 23:40	FG015781.D	15.009	



QC SAMPLE DATA

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:		
Project:	Walsh CO-032 Sampling		Date Received:		
Client Sample ID:	PB167783BL		SDG No.:	Q1907	
Lab Sample ID:	PB167783BL		Matrix:	SOIL	
Analytical Method:	8015D TPH		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	TPH GC	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015773.D	1	04/29/25 10:49	04/29/25 19:15	PB167783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	384	U	384	2830	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	15.3		37 - 130	77%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015773.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 19:15
Operator : YP\AJ
Sample : PB167783BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB167783BL

Integration File: autoint1.e
Quant Time: Apr 30 01:20:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 12:54:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.002	1807045	15.348 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

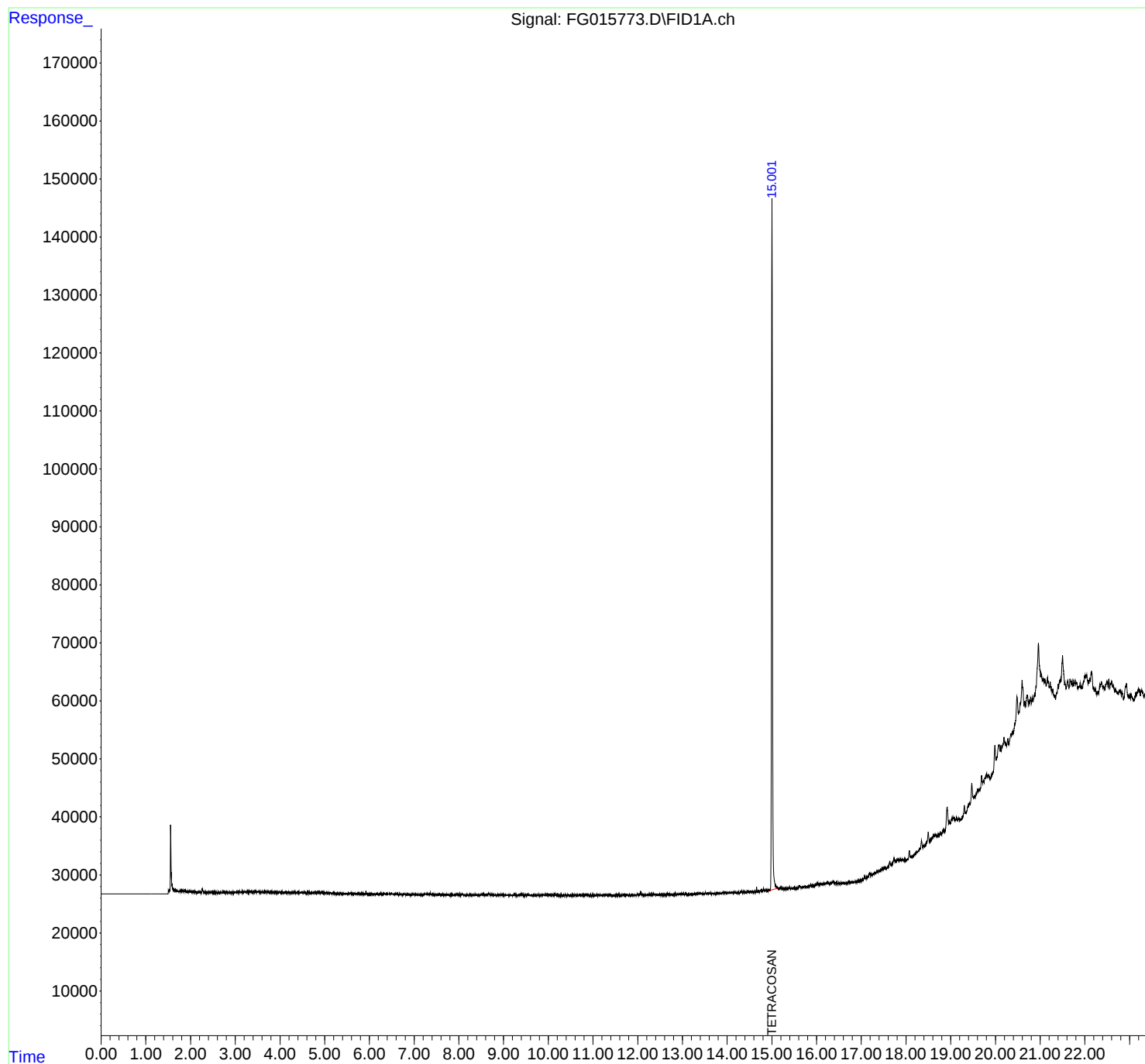
(m)=manual int.

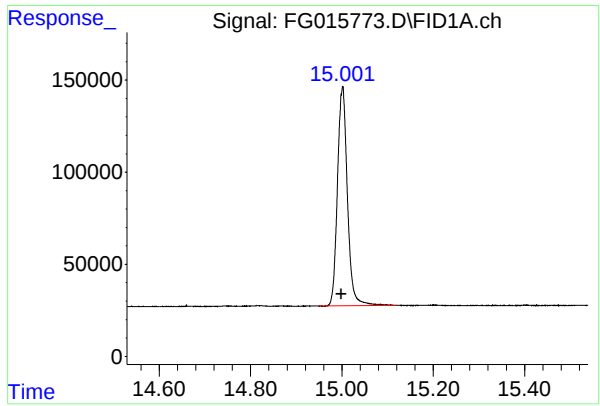
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015773.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 19:15
Operator : YP\AJ
Sample : PB167783BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB167783BL

Integration File: autoint1.e
Quant Time: Apr 30 01:20:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 12:54:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.002 min
Delta R.T.: 0.003 min
Response: 1807045
Conc: 15.35 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167783BL

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015773.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 19:15
Sample : PB167783BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.002	14.950	15.118	BB	119217	1807045	100.00%	100.000%
Sum of corrected areas:						1807045		

FG042425.M Wed Apr 30 02:05:27 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	04/29/25	
Project:	Walsh CO-032 Sampling		Date Received:	04/29/25	
Client Sample ID:	PIBLK-FG015771.D		SDG No.:	Q1907	
Lab Sample ID:	I.BLK-FG015771.D		Matrix:	Water	
Analytical Method:	8015D TPH		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	TPH GC	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015771.D	1		04/29/25	FG042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
PHC	Petroleum Hydrocarbons	12.0	U	12.0	85.0	ug/L
SURROGATES						
16416-32-3	TETRACOSANE-d50	18.0		29 - 130	90%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015771.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 17:17
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Apr 30 01:20:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 12:54:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.002	2115805	17.971 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

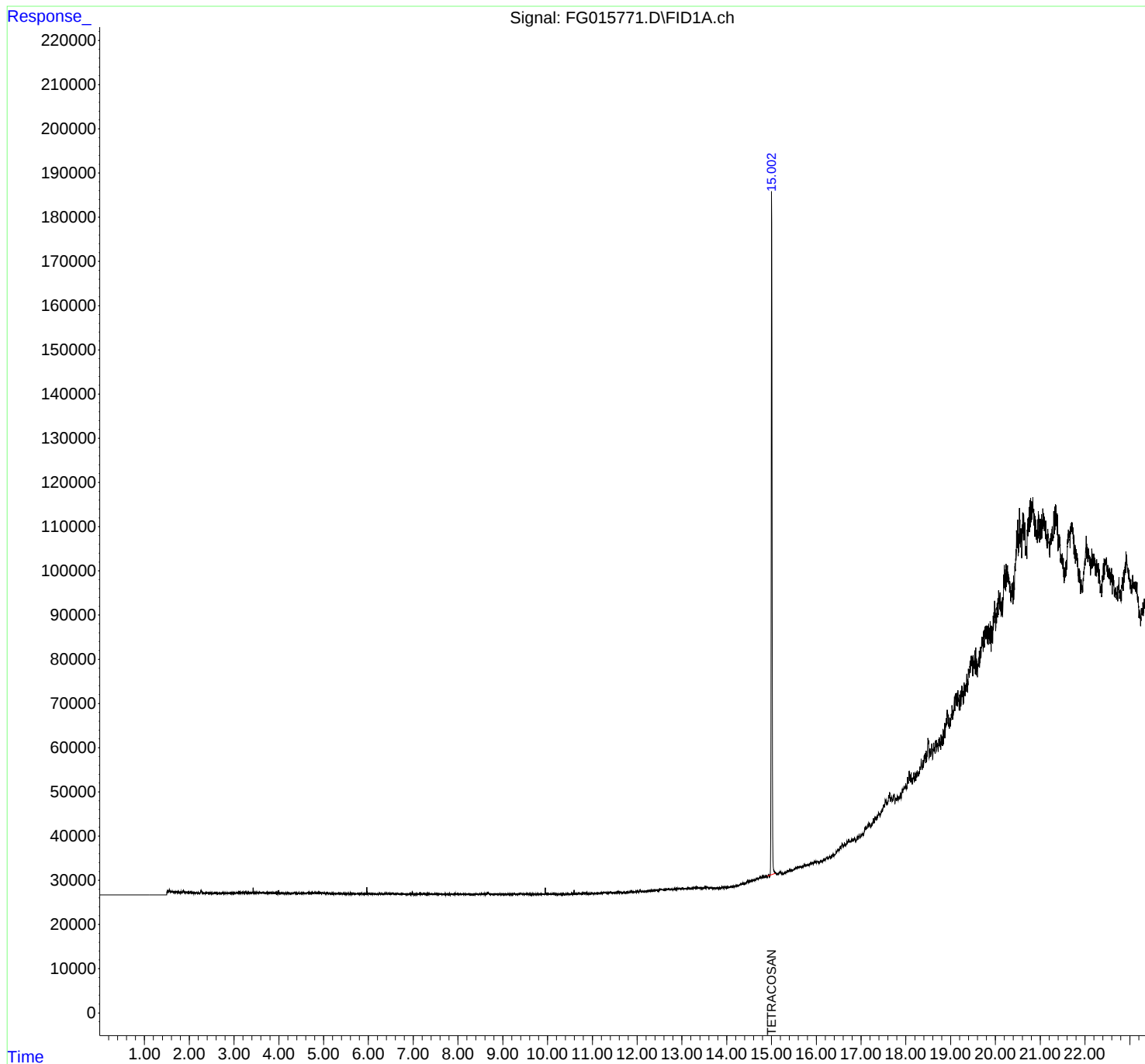
(m)=manual int.

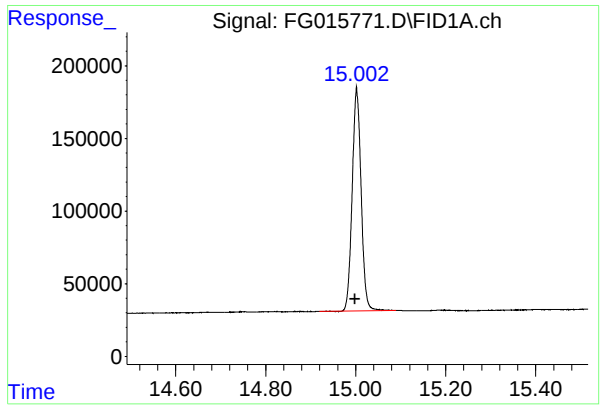
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015771.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 17:17
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Apr 30 01:20:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 12:54:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.002 min
Delta R.T.: 0.004 min
Response: 2115805
Conc: 17.97 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015771.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 17:17
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.002	14.919	15.090	BB	154113	2115805	100.00%	100.000%
Sum of corrected areas:						2115805		

FG042425.M Wed Apr 30 02:03:50 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	04/29/25	
Project:	Walsh CO-032 Sampling		Date Received:	04/29/25	
Client Sample ID:	PIBLK-FG015780.D		SDG No.:	Q1907	
Lab Sample ID:	I.BLK-FG015780.D		Matrix:	Water	
Analytical Method:	8015D TPH		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	TPH GC	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015780.D	1		04/29/25	FG042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
PHC	Petroleum Hydrocarbons	12.0	U	12.0	85.0	ug/L
SURROGATES						
16416-32-3	TETRACOSANE-d50	18.1		29 - 130	90%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015780.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 22:41
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Apr 30 01:23:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 12:54:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.007	2129716	18.089 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

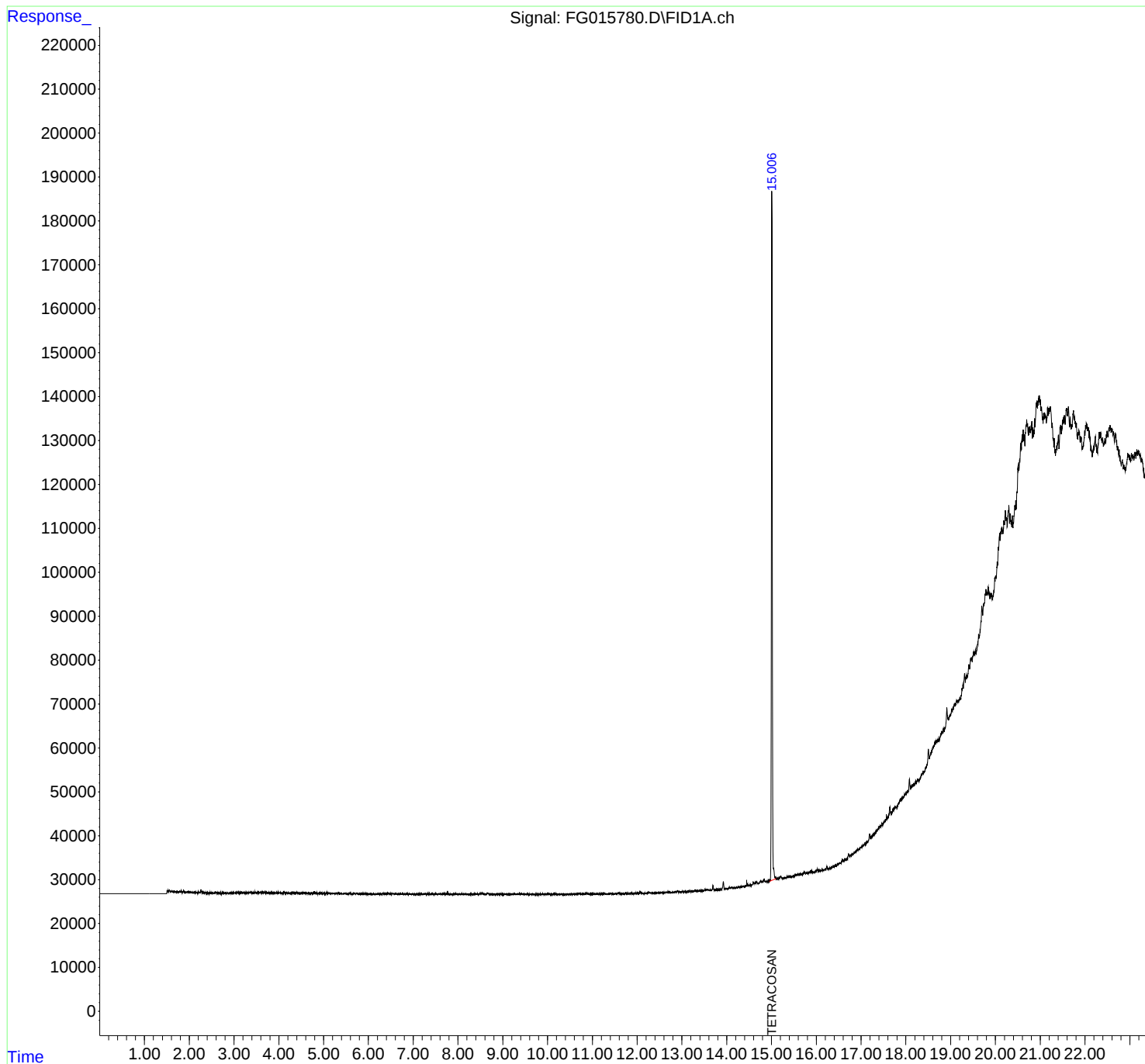
(m)=manual int.

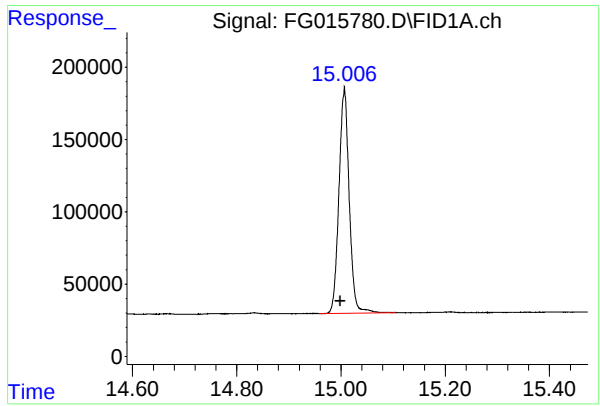
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015780.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 22:41
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Apr 30 01:23:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 12:54:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.007 min
Delta R.T.: 0.008 min
Response: 2129716
Conc: 18.09 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015780.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 22:41
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.007	14.958	15.105	BB	156841	2129716	100.00%	100.000%
Sum of corrected areas:						2129716		

FG042425.M Wed Apr 30 02:06:29 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:		
Project:	Walsh CO-032 Sampling		Date Received:		
Client Sample ID:	PB167783BS		SDG No.:	Q1907	
Lab Sample ID:	PB167783BS		Matrix:	SOIL	
Analytical Method:	8015D TPH		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	TPH GC	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015774.D	1	04/29/25 10:49	04/29/25 19:44	PB167783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	8210		384	2830	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	17.1		37 - 130	86%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
 Data File : FG015774.D
 Signal(s) : FID1A.ch
 Acq On : 29 Apr 2025 19:44
 Operator : YP\AJ
 Sample : PB167783BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB167783BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File: autoint1.e
 Quant Time: Apr 30 01:21:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.001	2013184	17.099 ug/ml
Target Compounds			
1) N-OCTANE	1.977	1394866	12.377 ug/ml
2) N-DECANE	4.502	1772371	15.919 ug/ml
3) N-DODECANE	6.684	1965183	17.148 ug/ml
4) N-TETRADECANE	8.520	2061508	17.013 ug/ml
5) N-HEXADECANE	10.134	2190067	17.445 ug/ml
6) N-OCTADECANE	11.582	2317222	17.682 ug/ml
7) N-EICOSANE	12.896	2297470	16.946 ug/ml
8) N-DOCOSANE	14.098	2285842	17.235 ug/ml
10) N-TETRACOSANE	15.204	2292947	17.255 ug/ml
11) N-HEXACOSANE	16.229	2256090	17.012 ug/ml
12) N-OCTACOSANE	17.181	2223261	16.864 ug/ml
13) N-TRIACONTANE	18.071	2143837	16.080 ug/ml
14) N-DOTRIACONTANE	18.905	1815943	13.775 ug/mlm
15) N-TETRATRIACONTANE	19.690	1121884	9.277 ug/ml
16) N-HEXATRIACONTANE	20.430	681475	6.356 ug/ml
17) N-OCTATRIACONTANE	21.171	568438	5.901 ug/ml
18) N-TETRACONTANE	22.091	531910	5.973 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015774.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 19:44
Operator : YP\AJ
Sample : PB167783BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :

FID_G

Client Sample Id :

PB167783BS

Manual Integrations

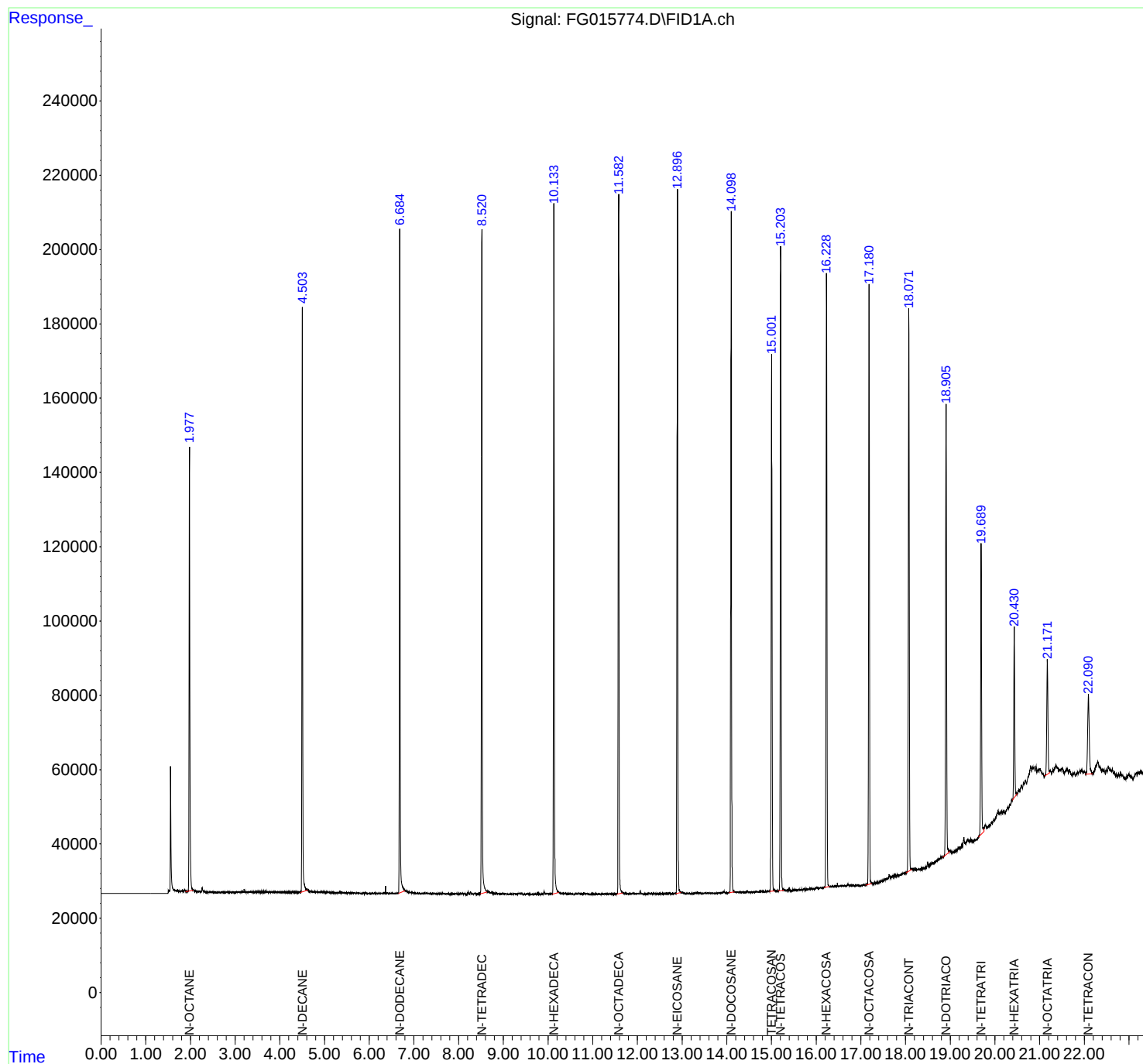
APPROVED

Reviewed By : Yogesh Patel 04/30/2025

Supervised By : mohammad ahmed 05/02/2025

Integration File: autoint1.e
Quant Time: Apr 30 01:21:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 12:54:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



rteres

Instrument :

FID_G

ClientSampleId :

PB167783BS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG04292
Data File : FG015774.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 19:44
Sample : PB167783BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.977	1.898	2.063	BB	119159	1394866	60.20%	4.372%
2	4.502	4.463	4.618	BB	157404	1772371	76.49%	5.555%
3	6.684	6.653	6.803	BB	178896	1965183	84.81%	6.159%
4	8.520	8.484	8.640	BB	178798	2061508	88.96%	6.461%
5	10.134	10.101	10.238	BB	185394	2190067	94.51%	6.864%
6	11.582	11.545	11.674	BB	187704	2317222	100.00%	7.263%
7	12.896	12.857	12.974	BB	189296	2297470	99.15%	7.201%
8	14.098	14.048	14.166	BB	182656	2285842	98.65%	7.164%
9	15.001	14.953	15.071	BV	144320	2013184	86.88%	6.310%
10	15.204	15.154	15.279	BB	172894	2292947	98.95%	7.187%
11	16.229	16.178	16.295	BB	162940	2256090	97.36%	7.071%
12	17.181	17.107	17.247	BB	159435	2223261	95.95%	6.968%
13	18.071	18.008	18.141	BB	150395	2143837	92.52%	6.719%
14	18.905	18.518	18.973	PB	120664	1788636	77.19%	5.606%
15	19.690	19.640	19.755	BV	78275	1121884	48.42%	3.516%
16	20.430	20.390	20.490	BB	45831	681475	29.41%	2.136%
17	21.171	21.120	21.220	BV	30733	568438	24.53%	1.782%
18	22.091	22.024	22.180	PV	21443	531910	22.95%	1.667%
Sum of corrected areas:						31906190		

FG042425.M Wed Apr 30 02:06:00 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	04/24/25	
Project:	Walsh CO-032 Sampling		Date Received:	04/24/25	
Client Sample ID:	AU-6-042425MS		SDG No.:	Q1907	
Lab Sample ID:	Q1877-01MS		Matrix:	SOIL	
Analytical Method:	8015D TPH		% Solid:	93.5	Decanted:
Sample Wt/Vol:	30.09	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	TPH GC	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015776.D	1	04/29/25 10:49	04/29/25 20:43	PB167783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	135000	E	409	3020	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	14.3		37 - 130	71%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
 Data File : FG015776.D
 Signal(s) : FID1A.ch
 Acq On : 29 Apr 2025 20:43
 Operator : YP\AJ
 Sample : Q1877-01MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-6-042425MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/30/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File: autoint1.e
 Quant Time: Apr 30 01:22:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.005	1681540	14.282 ug/ml
Target Compounds			
1) N-OCTANE	1.976	1358905	12.058 ug/ml
2) N-DECANE	4.504	2159422	19.396 ug/ml
3) N-DODECANE	6.688	5192621	45.310 ug/ml
4) N-TETRADECANE	8.527	7021700	57.948 ug/mlm
5) N-HEXADECANE	10.141	8216759	65.450 ug/mlm
6) N-OCTADECANE	11.591	7270832	55.480 ug/mlm
7) N-EICOSANE	12.904	5660794	41.754 ug/mlm
8) N-DOCOSANE	14.104	3904649	29.440 ug/mlm
10) N-TETRACOSANE	15.211	2969454	22.346 ug/ml
11) N-HEXACOSANE	16.234	2563021	19.326 ug/ml
12) N-OCTACOSANE	17.187	2479545	18.808 ug/ml
13) N-TRIACONTANE	18.077	2516947	18.879 ug/ml
14) N-DOTRIACONTANE	18.913	2244921	17.029 ug/ml
15) N-TETRATRIACONTANE	19.699	1461208	12.082 ug/ml
16) N-HEXATRIACONTANE	20.441	1107009	10.325 ug/ml
17) N-OCTATRIACONTANE	21.191	828703	8.603 ug/ml
18) N-TETRACONTANE	22.110	1017729	11.429 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015776.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 20:43
Operator : YP\AJ
Sample : Q1877-01MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

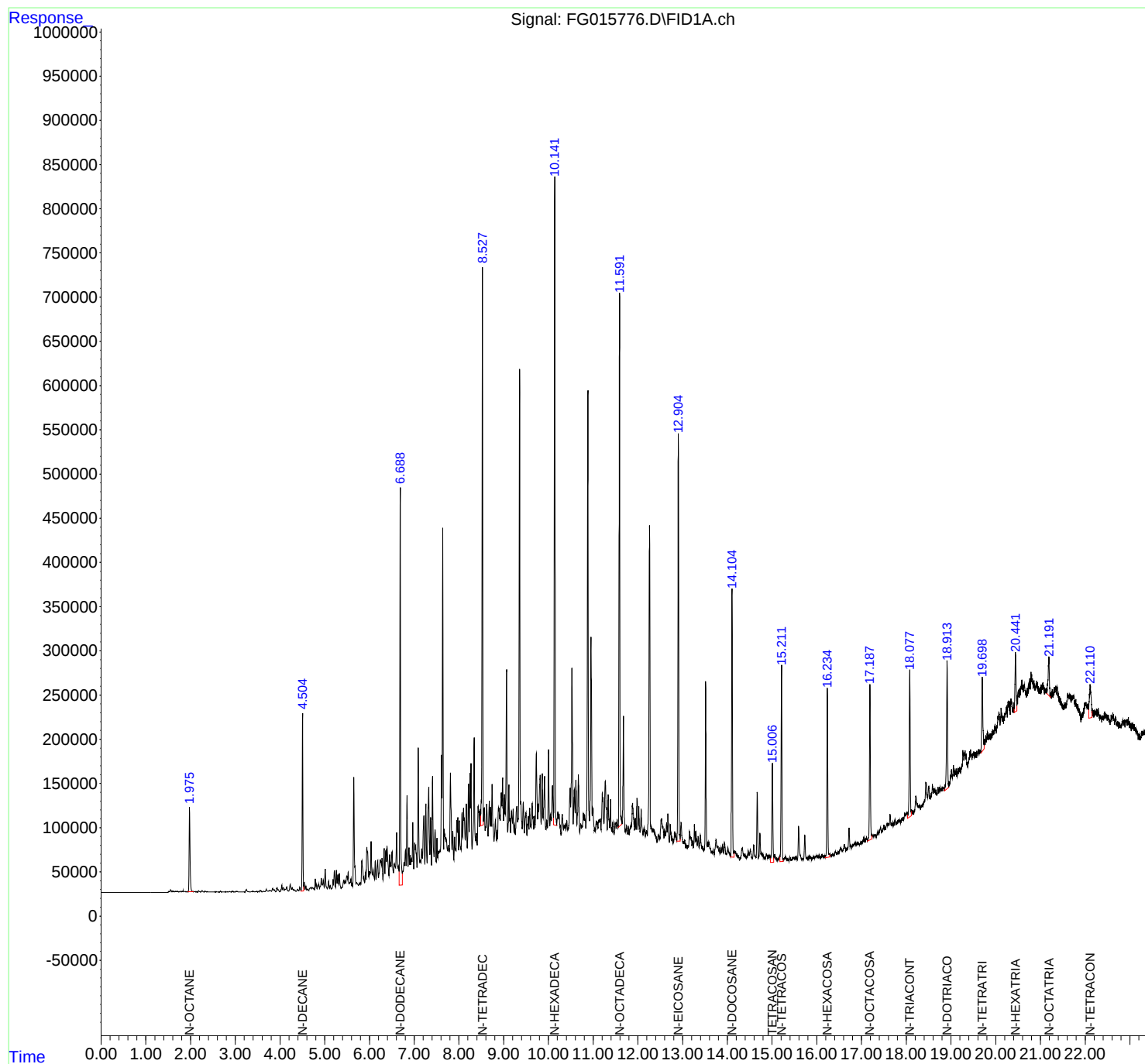
Instrument :
FID_G
ClientSampleId :
AU-6-042425MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File: autoint1.e
Quant Time: Apr 30 01:22:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 12:54:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



rteres

Instrument :

FID_G

ClientSampleId :

AU-6-042425MS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG04292
Data File : FG015776.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 20:43
Sample : Q1877-01MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.920	1.900	1.941	BV	230	3565	0.03%	0.001%
2	1.976	1.941	2.098	VV	95528	1383472	12.93%	0.300%
3	2.099	2.098	2.108	VV	243	1037	0.01%	0.000%
4	2.111	2.108	2.133	VV	199	1678	0.02%	0.000%
5	2.137	2.133	2.150	VV	157	1209	0.01%	0.000%
6	2.154	2.150	2.167	VV	181	1310	0.01%	0.000%
7	2.180	2.167	2.240	VV	1301	19794	0.18%	0.004%
8	2.258	2.240	2.296	VV	1796	23269	0.22%	0.005%
9	2.326	2.296	2.377	VV	752	16340	0.15%	0.004%
10	2.382	2.377	2.405	VV	235	2477	0.02%	0.001%
11	2.422	2.405	2.431	VV	161	1581	0.01%	0.000%
12	2.434	2.431	2.456	VV	106	622	0.01%	0.000%
13	2.461	2.456	2.493	VV	100	963	0.01%	0.000%
14	2.504	2.493	2.514	VV	103	589	0.01%	0.000%
15	2.554	2.514	2.597	PV	402	9176	0.09%	0.002%
16	2.600	2.597	2.617	VV	165	1440	0.01%	0.000%
17	2.622	2.617	2.642	VV	59	741	0.01%	0.000%
18	2.674	2.642	2.724	PV	734	15884	0.15%	0.003%
19	2.745	2.724	2.758	VV	261	2782	0.03%	0.001%
20	2.792	2.758	2.811	VV	432	7984	0.07%	0.002%
21	2.821	2.811	2.834	VV	155	1113	0.01%	0.000%
22	2.876	2.834	2.901	VV	647	11928	0.11%	0.003%
23	2.938	2.901	2.981	VV	1020	19970	0.19%	0.004%
24	3.021	2.981	3.041	VV	1016	19560	0.18%	0.004%
25	3.045	3.041	3.071	VV	496	5917	0.06%	0.001%
26	3.079	3.071	3.090	VV	204	1564	0.01%	0.000%
27	3.094	3.090	3.098	VV	174	716	0.01%	0.000%
28	3.112	3.098	3.132	VV	261	3187	0.03%	0.001%
29	3.135	3.132	3.140	VV	128	394	0.00%	0.000%
30	3.164	3.140	3.177	VV	187	3125	0.03%	0.001%
31	3.199	3.177	3.214	VV	361	4952	0.05%	0.001%
32	3.244	3.214	3.283	VV	2710	51615	0.48%	0.011%
33	3.286	3.283	3.323	VV	410	5738	0.05%	0.001%
34	3.327	3.323	3.331	VV	73	234	0.00%	0.000%
35	3.363	3.331	3.368	PV	439	5264	0.05%	0.001%
36	3.383	3.368	3.400	VV	786	10946	0.10%	0.002%

					rters			
37	3.415	3.400	3.439	VV	594	8086	0.08%	0.002%
38	3.452	3.439	3.472	VV	422	5808		
39	3.488	3.472	3.507	VV	463	6161		
40	3.526	3.507	3.537	VV	506	5300		
41	3.557	3.537	3.600	VV	2000	31558		
42	3.615	3.600	3.625	VV	609	6237		
43	3.637	3.625	3.657	VV	719	9630	0.09%	0.002%
44	3.661	3.657	3.671	VV	293	2210	0.02%	0.000%
45	3.692	3.671	3.732	VV	2826	50827	0.48%	0.011%
46	3.775	3.732	3.808	VV	1866	48981	0.46%	0.011%
47	3.834	3.808	3.850	VV	4048	57731	0.54%	0.013%
48	3.858	3.850	3.867	VV	2261	21434	0.20%	0.005%
49	3.877	3.867	3.910	VV	2377	30311	0.28%	0.007%
50	3.933	3.910	3.956	VV	4899	76246	0.71%	0.017%
51	3.962	3.956	3.995	VV	2299	28110	0.26%	0.006%
52	4.040	3.995	4.058	PV	7508	106873	1.00%	0.023%
53	4.074	4.058	4.093	VV	4852	67251	0.63%	0.015%
54	4.114	4.093	4.128	VV	2593	47127	0.44%	0.010%
55	4.151	4.128	4.172	VV	5640	87966	0.82%	0.019%
56	4.182	4.172	4.197	VV	1022	12981	0.12%	0.003%
57	4.227	4.197	4.256	VV	8133	153406	1.43%	0.033%
58	4.273	4.256	4.301	VV	4624	82659	0.77%	0.018%
59	4.312	4.301	4.330	VV	2253	30604	0.29%	0.007%
60	4.337	4.330	4.359	VV	1279	12729	0.12%	0.003%
61	4.394	4.359	4.423	PV	2591	45102	0.42%	0.010%
62	4.442	4.423	4.468	VV	4482	62092	0.58%	0.013%
63	4.504	4.468	4.530	VV	201378	2160102	20.19%	0.469%
64	4.542	4.530	4.561	VV	9545	112971	1.06%	0.025%
65	4.579	4.561	4.600	VV	5502	71150	0.66%	0.015%
66	4.614	4.600	4.643	VV	1947	29775	0.28%	0.006%
67	4.679	4.643	4.699	VV	3576	78286	0.73%	0.017%
68	4.715	4.699	4.745	VV	3749	74428	0.70%	0.016%
69	4.757	4.745	4.771	VV	2754	28733	0.27%	0.006%
70	4.790	4.771	4.803	VV	13140	136735	1.28%	0.030%
71	4.811	4.803	4.828	VV	6730	67154	0.63%	0.015%
72	4.847	4.828	4.857	VV	5827	75328	0.70%	0.016%
73	4.868	4.857	4.884	VV	6789	75673	0.71%	0.016%
74	4.924	4.884	4.952	VV	13380	260056	2.43%	0.056%
75	4.968	4.952	4.989	VV	11360	161895	1.51%	0.035%
76	5.011	4.989	5.056	VV	23433	344973	3.22%	0.075%
77	5.087	5.056	5.106	VV	9519	126676	1.18%	0.027%
78	5.121	5.106	5.146	VV	4409	55339	0.52%	0.012%
79	5.185	5.146	5.198	VV	11154	131107	1.23%	0.028%
80	5.216	5.198	5.243	VV	21142	330529	3.09%	0.072%
81	5.261	5.243	5.277	VV	21336	243380	2.27%	0.053%
82	5.294	5.277	5.312	VV	16083	220304	2.06%	0.048%
83	5.328	5.312	5.365	VV	17369	227640	2.13%	0.049%
84	5.379	5.365	5.385	VV	1571	11522	0.11%	0.003%
85	5.425	5.385	5.438	VV	9661	168076	1.57%	0.036%
86	5.452	5.438	5.470	VV	8884	134663	1.26%	0.029%
87	5.493	5.470	5.512	VV	14242	280049	2.62%	0.061%
88	5.524	5.512	5.541	VV	18461	217881	2.04%	0.047%
89	5.549	5.541	5.561	VV	6366	71463	0.67%	0.016%

Instrument :

FID_G

ClientSampleId :

AU-6-042425MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

90	5.587	5.561	5.603	VV	10783	172668	1.61%	0.037%
91	5.614	5.603	5.626	VV	5434	53940		
92	5.650	5.626	5.700	VV	125217	1831376	17.22%	0.037%
93	5.718	5.700	5.753	VV	5485	143081	2.14%	0.037%
94	5.777	5.753	5.789	VV	5366	84654	0.62%	0.037%
95	5.801	5.789	5.809	VV	5523	54268	0.62%	0.037%
96	5.830	5.809	5.866	VV	30458	653918	6.11%	0.142%
97	5.874	5.866	5.892	VV	12255	143608	1.34%	0.031%
98	5.913	5.892	5.924	VV	17459	210969	1.97%	0.046%
99	5.941	5.924	5.951	VV	45154	516450	4.83%	0.112%
100	5.956	5.951	5.987	VV	40109	581319	5.43%	0.126%
101	5.997	5.987	6.007	VV	17960	183948	1.72%	0.040%
102	6.037	6.007	6.069	VV	51541	915104	8.55%	0.199%
103	6.082	6.069	6.112	VV	19602	361701	3.38%	0.078%
104	6.129	6.112	6.147	VV	29203	377134	3.52%	0.082%
105	6.182	6.147	6.202	VV	29371	612489	5.72%	0.133%
106	6.244	6.202	6.271	VV	30009	915489	8.56%	0.199%
107	6.282	6.271	6.301	VV	31977	394129	3.68%	0.086%
108	6.328	6.301	6.346	VV	42461	633985	5.93%	0.138%
109	6.367	6.346	6.380	VV	40183	633144	5.92%	0.137%
110	6.394	6.380	6.436	VV	45231	975313	9.12%	0.212%
111	6.452	6.436	6.466	VV	35438	446324	4.17%	0.097%
112	6.476	6.466	6.485	VV	24975	262196	2.45%	0.057%
113	6.506	6.485	6.539	VV	38351	847783	7.92%	0.184%
114	6.558	6.539	6.582	VV	24623	540806	5.05%	0.117%
115	6.608	6.582	6.641	VV	59850	1162134	10.86%	0.252%
116	6.652	6.641	6.663	VV	21400	259255	2.42%	0.056%
117	6.688	6.663	6.734	VV	450099	5192899	48.53%	1.127%
118	6.748	6.734	6.753	VV	15458	166400	1.56%	0.036%
119	6.773	6.753	6.787	VV	25841	425586	3.98%	0.092%
120	6.804	6.787	6.820	VV	39030	620493	5.80%	0.135%
121	6.840	6.820	6.864	VV	100950	1414699	13.22%	0.307%
122	6.885	6.864	6.902	VV	41633	731389	6.84%	0.159%
123	6.914	6.902	6.926	VV	32917	399688	3.74%	0.087%
124	6.942	6.926	6.952	VV	29546	429455	4.01%	0.093%
125	6.969	6.952	6.991	VV	70080	954199	8.92%	0.207%
126	7.013	6.991	7.023	VV	46846	647737	6.05%	0.141%
127	7.032	7.023	7.063	VV	44528	847394	7.92%	0.184%
128	7.091	7.063	7.123	VV	153252	2292808	21.43%	0.498%
129	7.136	7.123	7.149	VV	27073	387273	3.62%	0.084%
130	7.168	7.149	7.184	VV	39853	677221	6.33%	0.147%
131	7.218	7.184	7.238	VV	77154	1670023	15.61%	0.362%
132	7.261	7.238	7.291	VV	90258	1551098	14.50%	0.337%
133	7.326	7.291	7.352	VV	108824	2449884	22.90%	0.532%
134	7.368	7.352	7.387	VV	74452	982082	9.18%	0.213%
135	7.410	7.387	7.446	VV	120552	2077553	19.42%	0.451%
136	7.469	7.446	7.492	VV	60255	1182862	11.05%	0.257%
137	7.510	7.492	7.526	VV	50758	775720	7.25%	0.168%
138	7.539	7.526	7.549	VV	35951	451030	4.22%	0.098%
139	7.563	7.549	7.570	VV	35276	428203	4.00%	0.093%
140	7.579	7.570	7.586	VV	37084	359245	3.36%	0.078%
141	7.612	7.586	7.622	VV	144171	1840901	17.20%	0.400%

Instrument :

FID_G

ClientSampleId :

AU-6-042425MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

					rters			
142	7.639	7.622	7.660	VV	400742	4594433	42.94%	0.997%
143	7.672	7.660	7.683	VV	60511	748722		
144	7.689	7.683	7.700	VV	53181	513181		
145	7.705	7.700	7.717	VV	50808	496992		
146	7.723	7.717	7.747	VV	47577	739103		
147	7.761	7.747	7.777	VV	41495	691938		
148	7.781	7.777	7.788	VV	36274	231194	2.16%	0.050%
149	7.811	7.788	7.846	VV	123451	2603382	24.33%	0.565%
150	7.863	7.846	7.887	VV	57230	1044958	9.77%	0.227%
151	7.905	7.887	7.919	VV	50131	750202	7.01%	0.163%
152	7.926	7.919	7.936	VV	37148	377556	3.53%	0.082%
153	7.952	7.936	7.963	VV	69496	888027	8.30%	0.193%
154	7.976	7.963	7.993	VV	72190	1067861	9.98%	0.232%
155	8.008	7.993	8.049	VV	68750	1571034	14.68%	0.341%
156	8.069	8.049	8.085	VV	77765	1258362	11.76%	0.273%
157	8.103	8.085	8.116	VV	82678	1258785	11.76%	0.273%
158	8.123	8.116	8.141	VV	71658	942279	8.81%	0.204%
159	8.167	8.141	8.187	VV	87341	1652245	15.44%	0.359%
160	8.215	8.187	8.231	VV	109558	1884991	17.62%	0.409%
161	8.248	8.231	8.259	VV	121861	1551541	14.50%	0.337%
162	8.271	8.259	8.297	VV	132544	1819889	17.01%	0.395%
163	8.342	8.297	8.375	VV	161561	3485465	32.57%	0.756%
164	8.391	8.375	8.410	VV	52993	1015180	9.49%	0.220%
165	8.429	8.410	8.457	VV	83936	1940709	18.14%	0.421%
166	8.473	8.457	8.484	VV	79264	1173912	10.97%	0.255%
167	8.527	8.484	8.549	VV	692371	9448492	88.31%	2.051%
168	8.569	8.549	8.587	VV	81673	1620652	15.15%	0.352%
169	8.622	8.587	8.652	VV	84987	2567050	23.99%	0.557%
170	8.680	8.652	8.696	VV	88983	1868732	17.47%	0.406%
171	8.709	8.696	8.725	VV	81408	1221153	11.41%	0.265%
172	8.743	8.725	8.787	VV	107692	2589692	24.20%	0.562%
173	8.816	8.787	8.839	VV	66770	1714208	16.02%	0.372%
174	8.852	8.839	8.864	VV	55610	756400	7.07%	0.164%
175	8.884	8.864	8.890	VV	79593	1029223	9.62%	0.223%
176	8.897	8.890	8.910	VV	80560	920810	8.61%	0.200%
177	8.917	8.910	8.926	VV	72651	676956	6.33%	0.147%
178	8.948	8.926	8.962	VV	97357	1817439	16.99%	0.394%
179	8.978	8.962	8.997	VV	113847	1977936	18.49%	0.429%
180	9.019	8.997	9.032	VV	95248	1686205	15.76%	0.366%
181	9.066	9.032	9.090	VV	236102	4273396	39.94%	0.927%
182	9.118	9.090	9.135	VV	105976	2017463	18.86%	0.438%
183	9.142	9.135	9.156	VV	67861	784318	7.33%	0.170%
184	9.173	9.156	9.199	VV	75427	1735316	16.22%	0.377%
185	9.214	9.199	9.231	VV	78080	1291823	12.07%	0.280%
186	9.247	9.231	9.262	VV	60188	1013949	9.48%	0.220%
187	9.293	9.262	9.312	VV	80721	2085491	19.49%	0.453%
188	9.356	9.312	9.378	VV	573744	8162675	76.29%	1.772%
189	9.382	9.378	9.417	VV	86372	1668336	15.59%	0.362%
190	9.440	9.417	9.463	VV	85289	1910375	17.85%	0.415%
191	9.499	9.463	9.520	VV	72265	2135517	19.96%	0.463%
192	9.552	9.520	9.566	VV	68741	1639683	15.32%	0.356%
193	9.583	9.566	9.606	VV	77738	1562512	14.60%	0.339%
194	9.637	9.606	9.671	VV	83202	2584329	24.15%	0.561%

Instrument :

FID_G

ClientSampleId :

AU-6-042425MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

195	9.686	9.671	9.700	VV	68466	1055465	9.86%	0.229%
196	9.730	9.700	9.763	VV	139496	3474697	32.94%	0.608%
197	9.775	9.763	9.786	VV	80854	1043748	9.86%	0.229%
198	9.817	9.786	9.839	VV	113467	2897560	27.74%	0.608%
199	9.863	9.839	9.882	VV	116080	2163082	20.61%	0.608%
200	9.915	9.882	9.947	VV	112605	3053637	28.24%	0.608%
201	9.962	9.947	9.979	VV	63011	1113054	10.40%	0.242%
202	10.004	9.979	10.033	VV	142927	2803589	26.20%	0.608%
203	10.047	10.033	10.068	VV	70080	1356254	12.68%	0.294%
204	10.092	10.068	10.115	VV	101647	2357926	22.04%	0.512%
205	10.142	10.115	10.188	VV	788072	10699817	100.00%	2.322%
206	10.216	10.188	10.231	VV	71730	1717679	16.05%	0.373%
207	10.240	10.231	10.283	VV	68880	1812840	16.94%	0.393%
208	10.312	10.283	10.338	VV	69080	1900544	17.76%	0.412%
209	10.347	10.338	10.361	VV	55248	729354	6.82%	0.158%
210	10.375	10.361	10.394	VV	56746	1094014	10.22%	0.237%
211	10.410	10.394	10.433	VV	61258	1292142	12.08%	0.280%
212	10.485	10.433	10.500	VV	97841	2837832	26.52%	0.616%
213	10.528	10.500	10.556	VV	233225	4503893	42.09%	0.977%
214	10.580	10.556	10.599	VV	95910	2025631	18.93%	0.440%
215	10.617	10.599	10.637	VV	106779	1875032	17.52%	0.407%
216	10.673	10.637	10.701	VV	112007	2830710	26.46%	0.614%
217	10.719	10.701	10.734	VV	56597	1059253	9.90%	0.230%
218	10.744	10.734	10.753	VV	54122	614506	5.74%	0.133%
219	10.780	10.753	10.799	VV	68604	1673954	15.64%	0.363%
220	10.809	10.799	10.839	VV	66109	1448586	13.54%	0.314%
221	10.883	10.839	10.919	VV	546517	8555144	79.96%	1.857%
222	10.954	10.919	10.980	VV	265580	5085776	47.53%	1.104%
223	10.997	10.980	11.030	VV	74120	1882281	17.59%	0.409%
224	11.042	11.030	11.050	VV	49122	587058	5.49%	0.127%
225	11.071	11.050	11.083	VV	57707	1051656	9.83%	0.228%
226	11.091	11.083	11.109	VV	58004	870965	8.14%	0.189%
227	11.126	11.109	11.131	VV	59906	735295	6.87%	0.160%
228	11.138	11.131	11.144	VV	59928	471252	4.40%	0.102%
229	11.160	11.144	11.178	VV	60206	1147541	10.72%	0.249%
230	11.205	11.178	11.240	VV	90208	2739670	25.60%	0.595%
231	11.273	11.240	11.314	VV	102431	3359441	31.40%	0.729%
232	11.336	11.314	11.371	VV	87677	2182014	20.39%	0.474%
233	11.388	11.371	11.425	VV	81741	1919761	17.94%	0.417%
234	11.440	11.425	11.468	VV	56295	1292535	12.08%	0.281%
235	11.495	11.468	11.513	VV	54896	1367217	12.78%	0.297%
236	11.536	11.513	11.556	VV	58512	1404849	13.13%	0.305%
237	11.591	11.556	11.647	VV	652637	10100188	94.40%	2.192%
238	11.678	11.647	11.715	VV	175300	3805841	35.57%	0.826%
239	11.741	11.715	11.765	VV	51895	1392288	13.01%	0.302%
240	11.782	11.765	11.803	VV	50934	1082202	10.11%	0.235%
241	11.832	11.803	11.836	VV	50179	907290	8.48%	0.197%
242	11.881	11.836	11.925	VV	76369	3156474	29.50%	0.685%
243	11.944	11.925	11.959	VV	59133	1076204	10.06%	0.234%
244	11.981	11.959	12.003	VV	81312	1690461	15.80%	0.367%
245	12.020	12.003	12.048	VV	72227	1519392	14.20%	0.330%
246	12.073	12.048	12.117	VV	69124	2089604	19.53%	0.453%

Instrument :

FID_G

ClientSampleId :

AU-6-042425MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

247	12.139	12.117	12.173	VV	48150	1446864	13.52%	0.314%
248	12.194	12.173	12.210	VV	44219	933365	8.10%	0.188%
249	12.261	12.210	12.290	VV	388752	6460155	60.80%	0.931%
250	12.299	12.290	12.315	VV	49063	699944	6.11%	0.142%
251	12.332	12.315	12.353	VV	46424	1022050	9.77%	0.227%
252	12.362	12.353	12.378	VV	44667	634756	5.48%	0.127%
253	12.383	12.378	12.433	VV	40843	1196829	11.19%	0.260%
254	12.458	12.433	12.474	VV	39203	866998	8.10%	0.188%
255	12.488	12.474	12.497	VV	36721	484520	4.53%	0.105%
256	12.530	12.497	12.557	VV	57089	1809646	16.91%	0.393%
257	12.562	12.557	12.583	VV	48038	675016	6.31%	0.146%
258	12.599	12.583	12.616	VV	42686	771411	7.21%	0.167%
259	12.641	12.616	12.655	VV	52314	1045622	9.77%	0.227%
260	12.671	12.655	12.706	VV	62267	1368381	12.79%	0.297%
261	12.723	12.706	12.793	VV	49736	1921294	17.96%	0.417%
262	12.822	12.793	12.869	VV	41112	1607223	15.02%	0.349%
263	12.904	12.869	12.945	VV	491901	7040829	65.80%	1.528%
264	12.966	12.945	13.006	VV	50880	1400451	13.09%	0.304%
265	13.020	13.006	13.030	VV	29021	411655	3.85%	0.089%
266	13.048	13.030	13.069	VV	31056	654269	6.11%	0.142%
267	13.077	13.069	13.083	VV	25045	205554	1.92%	0.045%
268	13.087	13.083	13.103	VV	24917	275018	2.57%	0.060%
269	13.118	13.103	13.131	VV	24699	398388	3.72%	0.086%
270	13.153	13.131	13.170	VV	40317	790452	7.39%	0.172%
271	13.175	13.170	13.209	VV	34377	733165	6.85%	0.159%
272	13.222	13.209	13.242	VV	29697	513468	4.80%	0.111%
273	13.263	13.242	13.283	VV	48246	860233	8.04%	0.187%
274	13.295	13.283	13.310	VV	40329	586396	5.48%	0.127%
275	13.314	13.310	13.331	VV	30781	355045	3.32%	0.077%
276	13.346	13.331	13.375	VV	34328	721792	6.75%	0.157%
277	13.396	13.375	13.428	VV	35929	893814	8.35%	0.194%
278	13.445	13.428	13.467	VV	23396	490827	4.59%	0.107%
279	13.515	13.467	13.546	VV	207342	3169460	29.62%	0.688%
280	13.555	13.546	13.568	VV	25435	322802	3.02%	0.070%
281	13.586	13.568	13.642	VV	26468	955172	8.93%	0.207%
282	13.647	13.642	13.650	VV	15663	69159	0.65%	0.015%
283	13.654	13.650	13.662	VV	16796	118333	1.11%	0.026%
284	13.682	13.662	13.704	VV	18564	384713	3.60%	0.083%
285	13.747	13.704	13.766	VV	29728	810400	7.57%	0.176%
286	13.770	13.766	13.779	VV	21588	170674	1.60%	0.037%
287	13.791	13.779	13.810	VV	21720	366835	3.43%	0.080%
288	13.823	13.810	13.843	VV	20130	332521	3.11%	0.072%
289	13.860	13.843	13.876	VV	20311	335805	3.14%	0.073%
290	13.894	13.876	13.922	VV	23042	484844	4.53%	0.105%
291	13.941	13.922	13.973	VV	24310	545452	5.10%	0.118%
292	14.011	13.973	14.042	VV	19769	625885	5.85%	0.136%
293	14.045	14.042	14.073	VV	13965	224650	2.10%	0.049%
294	14.104	14.073	14.148	VV	310864	4288376	40.08%	0.931%
295	14.159	14.148	14.171	VV	15201	189346	1.77%	0.041%
296	14.179	14.171	14.201	VV	14155	228164	2.13%	0.050%
297	14.219	14.201	14.238	VV	12059	222083	2.08%	0.048%
298	14.245	14.238	14.271	VV	9085	148909	1.39%	0.032%
299	14.330	14.271	14.359	VV	18069	598234	5.59%	0.130%

Instrument :

FID_G

ClientSampleId :

AU-6-042425MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

300	14.370	14.359	14.383	VV	11219	145245	1.36%	0.032%
301	14.397	14.383	14.420	VV	10876	196453		
302	14.437	14.420	14.448	VV	8710	126622		
303	14.465	14.448	14.483	VV	14518	242478		
304	14.515	14.483	14.552	VV	15901	447409		
305	14.589	14.552	14.639	VV	20944	572370		
306	14.667	14.639	14.701	VV	79934	1179176	11.02%	0.256%
307	14.727	14.701	14.757	VV	33317	581541	5.44%	0.126%
308	14.760	14.757	14.776	VV	11128	114648	1.07%	0.025%
309	14.789	14.776	14.823	VV	9795	218803	2.04%	0.047%
310	14.845	14.823	14.852	VV	5721	85771	0.80%	0.019%
311	14.872	14.852	14.905	VV	9253	230166	2.15%	0.050%
312	14.923	14.905	14.938	VV	7448	130298	1.22%	0.028%
313	14.952	14.938	14.968	VV	7333	112966	1.06%	0.025%
314	15.005	14.968	15.037	VV	110847	1680625	15.71%	0.365%
315	15.057	15.037	15.087	VV	8584	173970	1.63%	0.038%
316	15.094	15.087	15.118	VV	4429	57931	0.54%	0.013%
317	15.132	15.118	15.142	VV	3607	40610	0.38%	0.009%
318	15.173	15.142	15.177	VV	6249	96044	0.90%	0.021%
319	15.211	15.177	15.245	VV	222395	2970275	27.76%	0.645%
320	15.251	15.245	15.262	VV	2945	29594	0.28%	0.006%
321	15.302	15.262	15.328	VV	5514	142319	1.33%	0.031%
322	15.343	15.328	15.368	VV	2889	48459	0.45%	0.011%
323	15.373	15.368	15.381	VV	1215	6312	0.06%	0.001%
324	15.403	15.381	15.429	PV	3877	63355	0.59%	0.014%
325	15.485	15.429	15.502	VV	3858	112858	1.05%	0.024%
326	15.517	15.502	15.532	VV	3708	56878	0.53%	0.012%
327	15.545	15.532	15.565	VV	4497	54477	0.51%	0.012%
328	15.592	15.565	15.664	VV	38399	710566	6.64%	0.154%
329	15.669	15.664	15.684	VV	2344	18819	0.18%	0.004%
330	15.729	15.684	15.763	VV	28076	441969	4.13%	0.096%
331	15.769	15.763	15.780	VV	2877	25757	0.24%	0.006%
332	15.783	15.780	15.811	VV	2588	36865	0.34%	0.008%
333	15.830	15.811	15.849	VV	3561	62234	0.58%	0.014%
334	15.863	15.849	15.889	VV	3750	53381	0.50%	0.012%
335	15.914	15.889	15.929	PV	2328	38030	0.36%	0.008%
336	15.955	15.929	15.960	VV	2250	35897	0.34%	0.008%
337	15.990	15.960	16.013	VV	4054	85427	0.80%	0.019%
338	16.018	16.013	16.023	VV	2086	10126	0.09%	0.002%
339	16.029	16.023	16.032	VV	2796	11938	0.11%	0.003%
340	16.058	16.032	16.079	VV	3272	58323	0.55%	0.013%
341	16.086	16.079	16.090	VV	1231	6322	0.06%	0.001%
342	16.120	16.090	16.150	VV	3615	80303	0.75%	0.017%
343	16.165	16.150	16.180	VV	2517	35109	0.33%	0.008%
344	16.185	16.180	16.189	VV	1867	8472	0.08%	0.002%
345	16.195	16.189	16.201	VV	2161	12793	0.12%	0.003%
346	16.234	16.201	16.288	VV	190362	2550227	23.83%	0.553%
347	16.297	16.288	16.317	VV	3548	36859	0.34%	0.008%
348	16.336	16.317	16.341	VV	2063	20663	0.19%	0.004%
349	16.348	16.341	16.352	VV	2265	12382	0.12%	0.003%
350	16.367	16.352	16.385	VV	1895	27674	0.26%	0.006%
351	16.416	16.385	16.448	PV	4906	111960	1.05%	0.024%

Instrument :

FID_G

ClientSampleId :

AU-6-042425MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

					rter es				
352	16.452	16.448	16.460	VV	1348	8421	0.08%	0.002%	
353	16.478	16.460	16.492	VV	2929	38184			
354	16.534	16.492	16.563	VV	6357	167874			
355	16.567	16.563	16.575	VV	2603	16414			
356	16.615	16.575	16.651	VV	8608	189600			
357	16.669	16.651	16.675	VV	2319	22371			
358	16.720	16.675	16.746	VV	24880	393291	3.68%	0.085%	
359	16.760	16.746	16.784	VV	3648	55779	0.52%	0.012%	
360	16.801	16.784	16.815	VV	3357	43924	0.41%	0.010%	
361	16.820	16.815	16.826	VV	3674	18044	0.17%	0.004%	
362	16.854	16.826	16.861	VV	4472	77132	0.72%	0.017%	
363	16.866	16.861	16.874	VV	3942	22416	0.21%	0.005%	
364	16.880	16.874	16.886	VV	2619	18621	0.17%	0.004%	
365	16.893	16.886	16.899	VV	2867	18637	0.17%	0.004%	
366	16.928	16.899	16.944	VV	3782	77137	0.72%	0.017%	
367	16.947	16.944	16.957	VV	1738	8626	0.08%	0.002%	
368	16.997	16.957	17.006	PV	2755	43285	0.40%	0.009%	
369	17.046	17.006	17.089	VV	6684	146812	1.37%	0.032%	
370	17.111	17.089	17.131	VV	4705	71495	0.67%	0.016%	
371	17.187	17.131	17.230	VV	174804	2487640	23.25%	0.540%	
372	17.242	17.230	17.274	VV	4111	84092	0.79%	0.018%	
373	17.282	17.274	17.290	VV	3421	26920	0.25%	0.006%	
374	17.297	17.290	17.302	VV	2220	13206	0.12%	0.003%	
375	17.310	17.302	17.324	VV	2871	20157	0.19%	0.004%	
376	17.360	17.324	17.382	PV	4210	82866	0.77%	0.018%	
377	17.392	17.382	17.396	VV	3964	28550	0.27%	0.006%	
378	17.423	17.396	17.457	VV	8684	183312	1.71%	0.040%	
379	17.502	17.457	17.530	VV	9006	224775	2.10%	0.049%	
380	17.534	17.530	17.540	VV	3355	20243	0.19%	0.004%	
381	17.568	17.540	17.588	VV	8613	199339	1.86%	0.043%	
382	17.596	17.588	17.614	VV	7854	106680	1.00%	0.023%	
383	17.639	17.614	17.659	VV	17306	286811	2.68%	0.062%	
384	17.667	17.659	17.690	VV	6582	96093	0.90%	0.021%	
385	17.704	17.690	17.723	VV	7205	95297	0.89%	0.021%	
386	17.753	17.723	17.770	VV	8018	167050	1.56%	0.036%	
387	17.787	17.770	17.793	VV	4621	52968	0.50%	0.011%	
388	17.820	17.793	17.835	VV	6145	120392	1.13%	0.026%	
389	17.844	17.835	17.874	VV	5159	99429	0.93%	0.022%	
390	17.905	17.874	17.917	VV	7001	115049	1.08%	0.025%	
391	17.935	17.917	17.943	VV	6583	72438	0.68%	0.016%	
392	17.966	17.943	17.987	VV	10379	195577	1.83%	0.042%	
393	18.021	17.987	18.031	VV	10218	223426	2.09%	0.048%	
394	18.077	18.031	18.120	VV	168858	2693208	25.17%	0.584%	
395	18.123	18.120	18.135	VV	9375	66940	0.63%	0.015%	
396	18.149	18.135	18.167	VV	8361	128740	1.20%	0.028%	
397	18.213	18.167	18.238	VV	22976	574765	5.37%	0.125%	
398	18.247	18.238	18.274	VV	13914	252822	2.36%	0.055%	
399	18.295	18.274	18.319	VV	10812	253616	2.37%	0.055%	
400	18.334	18.319	18.339	VV	9736	92884	0.87%	0.020%	
401	18.343	18.339	18.350	VV	10156	60290	0.56%	0.013%	
402	18.361	18.350	18.376	VV	10205	135577	1.27%	0.029%	
403	18.408	18.376	18.414	VV	14497	264128	2.47%	0.057%	
404	18.438	18.414	18.443	VV	32351	399500	3.73%	0.087%	

Instrument :

FID_G

ClientSampleId :

AU-6-042425MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

405	18.446	18.443	18.477	VV	32048	453012	4.23%	0.098%
406	18.498	18.477	18.524	VV	27234	572352		
407	18.530	18.524	18.545	VV	14631	167325		
408	18.556	18.545	18.563	VV	18151	169365		
409	18.584	18.563	18.605	VV	27238	522852		
410	18.622	18.605	18.637	VV	21115	353887		
411	18.645	18.637	18.655	VV	19380	194854	1.82%	0.042%
412	18.667	18.655	18.677	VV	18193	203546	1.90%	0.044%
413	18.683	18.677	18.689	VV	14370	92693	0.87%	0.020%
414	18.711	18.689	18.720	VV	20441	308620	2.88%	0.067%
415	18.752	18.720	18.768	VV	19585	487052	4.55%	0.106%
416	18.782	18.768	18.788	VV	16816	186103	1.74%	0.040%
417	18.795	18.788	18.805	VV	17175	159472	1.49%	0.035%
418	18.814	18.805	18.822	VV	17557	173809	1.62%	0.038%
419	18.828	18.822	18.840	VV	17369	174705	1.63%	0.038%
420	18.848	18.840	18.854	VV	16267	127525	1.19%	0.028%
421	18.913	18.854	18.949	VV	158527	3027217	28.29%	0.657%
422	18.957	18.949	18.964	VV	20872	155348	1.45%	0.034%
423	18.989	18.964	18.995	VV	27542	401536	3.75%	0.087%
424	19.011	18.995	19.034	VV	33043	638004	5.96%	0.138%
425	19.054	19.034	19.077	VV	36804	777920	7.27%	0.169%
426	19.086	19.077	19.103	VV	29289	425924	3.98%	0.092%
427	19.113	19.103	19.124	VV	31053	328782	3.07%	0.071%
428	19.132	19.124	19.140	VV	24811	236471	2.21%	0.051%
429	19.153	19.140	19.167	VV	30342	432053	4.04%	0.094%
430	19.177	19.167	19.190	VV	29323	382951	3.58%	0.083%
431	19.196	19.190	19.203	VV	30758	205984	1.93%	0.045%
432	19.215	19.203	19.222	VV	28828	309187	2.89%	0.067%
433	19.239	19.222	19.245	VV	30791	405896	3.79%	0.088%
434	19.264	19.245	19.274	VV	47685	667697	6.24%	0.145%
435	19.276	19.274	19.288	VV	44894	347779	3.25%	0.075%
436	19.302	19.288	19.309	VV	43806	523772	4.90%	0.114%
437	19.315	19.309	19.332	VV	46614	590078	5.51%	0.128%
438	19.340	19.332	19.367	VV	41525	709102	6.63%	0.154%
439	19.416	19.367	19.427	VV	42374	1208609	11.30%	0.262%
440	19.438	19.427	19.453	VV	43812	625278	5.84%	0.136%
441	19.460	19.453	19.469	VV	39120	369043	3.45%	0.080%
442	19.479	19.469	19.487	VV	37614	383380	3.58%	0.083%
443	19.494	19.487	19.500	VV	39076	304530	2.85%	0.066%
444	19.504	19.500	19.508	VV	40200	185261	1.73%	0.040%
445	19.515	19.508	19.524	VV	40074	339215	3.17%	0.074%
446	19.543	19.524	19.549	VV	38941	536319	5.01%	0.116%
447	19.555	19.549	19.560	VV	36878	244177	2.28%	0.053%
448	19.568	19.560	19.575	VV	39671	322312	3.01%	0.070%
449	19.583	19.575	19.589	VV	36543	273823	2.56%	0.059%
450	19.605	19.589	19.614	VV	39165	559067	5.23%	0.121%
451	19.624	19.614	19.641	VV	39781	616408	5.76%	0.134%
452	19.655	19.641	19.665	VV	38730	510947	4.78%	0.111%
453	19.699	19.665	19.742	VV	119620	3147646	29.42%	0.683%
454	19.749	19.742	19.756	VV	46861	368253	3.44%	0.080%
455	19.775	19.756	19.790	VV	52251	943728	8.82%	0.205%
456	19.817	19.790	19.825	VV	54555	1056327	9.87%	0.229%

Instrument :

FID_G

ClientSampleId :

AU-6-042425MS

4.23% 0.098%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

					rters			
457	19.830	19.825	19.849	VV	53210	683401	6.39%	0.148%
458	19.855	19.849	19.870	VV	51023	614942		
459	19.876	19.870	19.888	VV	51568	506519		
460	19.894	19.888	19.899	VV	47819	305428		
461	19.904	19.899	19.911	VV	50538	355370		
462	19.932	19.911	19.937	VV	53927	779970		
463	19.942	19.937	19.947	VV	52185	294334	2.75%	0.064%
464	19.954	19.947	19.964	VV	51684	510074	4.77%	0.111%
465	19.971	19.964	19.975	VV	56879	369713	3.46%	0.080%
466	19.985	19.975	19.992	VV	57711	561145	5.24%	0.122%
467	20.002	19.992	20.012	VV	54718	616410	5.76%	0.134%
468	20.048	20.012	20.060	VV	66931	1659017	15.51%	0.360%
469	20.071	20.060	20.086	VV	70327	1056094	9.87%	0.229%
470	20.091	20.086	20.096	VV	65445	388384	3.63%	0.084%
471	20.121	20.096	20.127	VV	74095	1188723	11.11%	0.258%
472	20.131	20.127	20.141	VV	68014	514760	4.81%	0.112%
473	20.146	20.141	20.174	VV	63263	1201870	11.23%	0.261%
474	20.180	20.174	20.182	VV	60649	295991	2.77%	0.064%
475	20.187	20.182	20.193	VV	62829	410019	3.83%	0.089%
476	20.199	20.193	20.203	VV	65999	377750	3.53%	0.082%
477	20.234	20.203	20.238	VV	72320	1377203	12.87%	0.299%
478	20.245	20.238	20.260	VV	73551	899846	8.41%	0.195%
479	20.276	20.260	20.285	VV	76915	1080712	10.10%	0.235%
480	20.290	20.285	20.302	VV	77285	746756	6.98%	0.162%
481	20.315	20.302	20.322	VV	76810	811881	7.59%	0.176%
482	20.337	20.322	20.354	VV	78600	1429143	13.36%	0.310%
483	20.359	20.354	20.370	VV	75103	697179	6.52%	0.151%
484	20.399	20.370	20.405	VV	71535	1375154	12.85%	0.298%
485	20.411	20.405	20.415	VV	69533	374194	3.50%	0.081%
486	20.441	20.415	20.472	VV	128206	3221359	30.11%	0.699%
487	20.486	20.472	20.491	VV	77830	845779	7.90%	0.184%
488	20.511	20.491	20.520	VV	84395	1412541	13.20%	0.307%
489	20.525	20.520	20.531	VV	85234	504846	4.72%	0.110%
490	20.544	20.531	20.550	VV	84882	958384	8.96%	0.208%
491	20.582	20.550	20.597	VV	93831	2456795	22.96%	0.533%
492	20.600	20.597	20.606	VV	84753	433992	4.06%	0.094%
493	20.611	20.606	20.625	VV	87112	985363	9.21%	0.214%
494	20.641	20.625	20.691	VV	87829	3128252	29.24%	0.679%
495	20.704	20.691	20.722	VV	81305	1454323	13.59%	0.316%
496	20.743	20.722	20.750	VV	86895	1365526	12.76%	0.296%
497	20.759	20.750	20.773	VV	89716	1166042	10.90%	0.253%
498	20.787	20.773	20.792	VV	97223	1001734	9.36%	0.217%
499	20.804	20.792	20.815	VV	93501	1255812	11.74%	0.273%
500	20.820	20.815	20.835	VV	89319	1029548	9.62%	0.223%
501	20.856	20.835	20.875	VV	86383	1900180	17.76%	0.412%
502	20.880	20.875	20.889	VV	79384	652397	6.10%	0.142%
503	20.901	20.889	20.912	VV	80990	1105186	10.33%	0.240%
504	20.916	20.912	20.948	VV	82634	1663400	15.55%	0.361%
505	20.959	20.948	20.981	VV	75794	1440297	13.46%	0.313%
506	20.985	20.981	21.013	VV	74573	1366588	12.77%	0.297%
507	21.018	21.013	21.022	VV	76694	426128	3.98%	0.092%
508	21.044	21.022	21.052	VV	76644	1335859	12.48%	0.290%
509	21.059	21.052	21.094	VV	78578	1772579	16.57%	0.385%

Instrument :

FID_G

ClientSampleId :

AU-6-042425MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

Instrument :

FID_G

ClientSampleId :

AU-6-042425MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

510	21.117	21.094	21.127	VV	69929	1368049	12.79%	0.297%
511	21.132	21.127	21.137	VV	70794	413957		
512	21.191	21.137	21.220	VV	103887	3891590	36.77%	0.367%
513	21.225	21.220	21.244	VV	62365	853434	7.77%	0.102%
514	21.267	21.244	21.274	VV	65242	1114626	10.66%	0.167%
515	21.279	21.274	21.289	VV	61592	513291	4.39%	0.155%
516	21.299	21.289	21.303	VV	64957	538713	5.03%	0.117%
517	21.345	21.303	21.355	VV	67236	1986275	18.56%	0.431%
518	21.364	21.355	21.368	VV	63380	469190	4.39%	0.102%
519	21.375	21.368	21.389	VV	66097	767811	7.18%	0.167%
520	21.393	21.389	21.410	VV	60321	712937	6.66%	0.155%
521	21.415	21.410	21.420	VV	52117	304107	2.84%	0.066%
522	21.428	21.420	21.440	VV	53529	568904	5.32%	0.123%
523	21.448	21.440	21.466	VV	50666	724594	6.77%	0.157%
524	21.472	21.466	21.497	VV	46696	782410	7.31%	0.170%
525	21.502	21.497	21.521	VV	42347	579177	5.41%	0.126%
526	21.532	21.521	21.560	VV	43823	942353	8.81%	0.205%
527	21.564	21.560	21.569	VV	43083	213707	2.00%	0.046%
528	21.609	21.569	21.631	VV	51229	1688862	15.78%	0.367%
529	21.641	21.631	21.655	VV	49622	688631	6.44%	0.149%
530	21.659	21.655	21.670	VV	50511	434356	4.06%	0.094%
531	21.676	21.670	21.688	VV	49114	503968	4.71%	0.109%
532	21.699	21.688	21.706	VV	47137	461974	4.32%	0.100%
533	21.735	21.706	21.782	VV	47329	1928093	18.02%	0.418%
534	21.791	21.782	21.824	VV	40761	826755	7.73%	0.179%
535	21.832	21.824	21.852	VV	34843	524904	4.91%	0.114%
536	21.862	21.852	21.924	VV	28933	922914	8.63%	0.200%
537	21.982	21.924	21.990	VV	32117	888832	8.31%	0.193%
538	22.020	21.990	22.079	VV	31107	1438690	13.45%	0.312%
539	22.110	22.079	22.150	VV	49901	1521404	14.22%	0.330%
540	22.158	22.150	22.177	VV	21373	276888	2.59%	0.060%
541	22.183	22.177	22.194	VV	17245	150247	1.40%	0.033%
542	22.202	22.194	22.219	VV	17378	220340	2.06%	0.048%
543	22.229	22.219	22.245	VV	14720	232950	2.18%	0.051%
544	22.253	22.245	22.267	VV	17779	189284	1.77%	0.041%
545	22.275	22.267	22.289	VV	16133	171820	1.61%	0.037%
546	22.295	22.289	22.327	VV	18422	240076	2.24%	0.052%
547	22.339	22.327	22.368	VV	8337	141422	1.32%	0.031%
548	22.381	22.368	22.400	PBA	5313	138301	1.29%	0.030%

Sum of corrected areas: 460775526

FG042425.M Wed Apr 30 02:14:30 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/24/25
Project:	Walsh CO-032 Sampling	Date Received:	04/24/25
Client Sample ID:	AU-6-042425MSD	SDG No.:	Q1907
Lab Sample ID:	Q1877-01MSD	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	93.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015777.D	1	04/29/25 10:49	04/29/25 21:13	PB167783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	136000	E	410	3020	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	14.0		37 - 130	70%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
 Data File : FG015777.D
 Signal(s) : FID1A.ch
 Acq On : 29 Apr 2025 21:13
 Operator : YP\AJ
 Sample : Q1877-01MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-6-042425MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/30/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File: autoint1.e
 Quant Time: Apr 30 01:22:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.007	1648314	14.000 ug/ml
Target Compounds			
1) N-OCTANE	1.979	1334217	11.839 ug/ml
2) N-DECANE	4.505	2136060	19.186 ug/ml
3) N-DODECANE	6.689	4621905	40.330 ug/mlm
4) N-TETRADECANE	8.527	6931972	57.207 ug/mlm
5) N-HEXADECANE	10.144	8110272	64.602 ug/mlm
6) N-OCTADECANE	11.591	7149030	54.551 ug/mlm
7) N-EICOSANE	12.904	5862039	43.238 ug/mlm
8) N-DOCOSANE	14.105	4290830	32.352 ug/ml
10) N-TETRACOSANE	15.212	2921542	21.985 ug/ml
11) N-HEXACOSANE	16.236	2545978	19.197 ug/ml
12) N-OCTACOSANE	17.190	2451607	18.596 ug/ml
13) N-TRIACONTANE	18.080	2483817	18.631 ug/ml
14) N-DOTRIACONTANE	18.917	2166001	16.431 ug/ml
15) N-TETRATRIACONTANE	19.703	1450069	11.990 ug/ml
16) N-HEXATRIACONTANE	20.449	1150845	10.734 ug/ml
17) N-OCTATRIACONTANE	21.188	877741	9.112 ug/ml
18) N-TETRACONTANE	22.119	1012069	11.366 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
Data File : FG015777.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 21:13
Operator : YP\AJ
Sample : Q1877-01MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

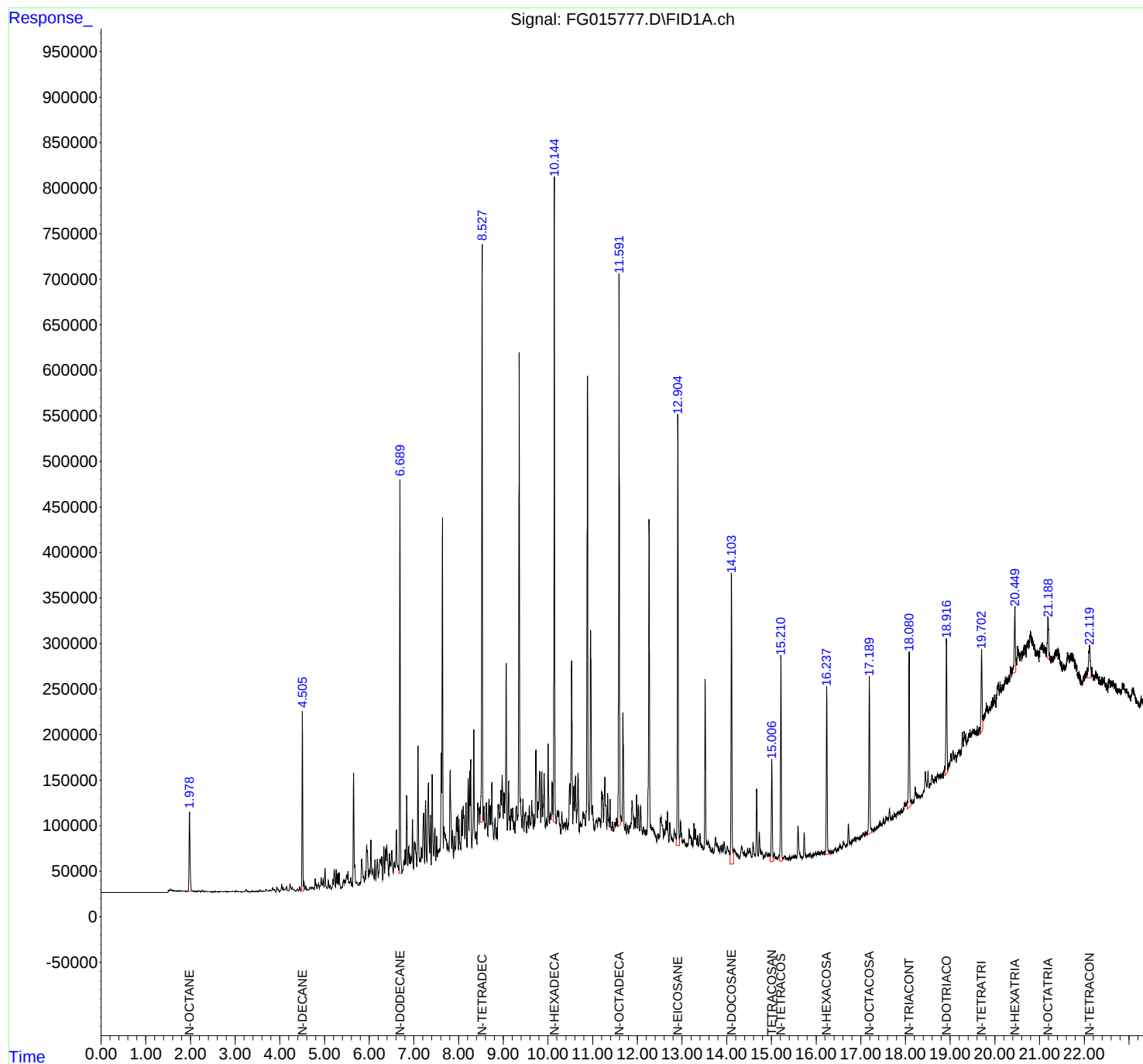
Instrument :
FID_G
ClientSampleId :
AU-6-042425MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File: autoint1.e
Quant Time: Apr 30 01:22:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 12:54:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



rteres

Instrument :

FID_G

ClientSampleId :

AU-6-042425MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG04292
Data File : FG015777.D
Signal(s) : FID1A.ch
Acq On : 29 Apr 2025 21:13
Sample : Q1877-01MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.925	1.900	1.944	BV	227	2603	0.02%	0.001%
2	1.979	1.944	2.112	PV	87289	1355848	12.77%	0.291%
3	2.116	2.112	2.133	VV	114	450	0.00%	0.000%
4	2.142	2.133	2.148	PV	90	552	0.01%	0.000%
5	2.152	2.148	2.157	VV	132	510	0.00%	0.000%
6	2.161	2.157	2.167	VV	148	464	0.00%	0.000%
7	2.181	2.167	2.230	VV	1272	18263	0.17%	0.004%
8	2.260	2.230	2.298	VV	1656	22382	0.21%	0.005%
9	2.326	2.298	2.381	VV	948	18592	0.18%	0.004%
10	2.391	2.381	2.438	VV	219	3808	0.04%	0.001%
11	2.445	2.438	2.457	VV	392	1089	0.01%	0.000%
12	2.465	2.457	2.482	VV	133	801	0.01%	0.000%
13	2.497	2.482	2.518	PV	127	1378	0.01%	0.000%
14	2.522	2.518	2.533	VV	124	782	0.01%	0.000%
15	2.557	2.533	2.619	VV	434	10555	0.10%	0.002%
16	2.623	2.619	2.645	VV	84	751	0.01%	0.000%
17	2.669	2.645	2.726	PV	737	15456	0.15%	0.003%
18	2.743	2.726	2.750	VV	213	2113	0.02%	0.000%
19	2.756	2.750	2.760	VV	174	799	0.01%	0.000%
20	2.784	2.760	2.821	VV	388	7872	0.07%	0.002%
21	2.824	2.821	2.838	VV	104	739	0.01%	0.000%
22	2.877	2.838	2.908	VV	579	12375	0.12%	0.003%
23	2.915	2.908	2.921	VV	273	1868	0.02%	0.000%
24	2.940	2.921	2.973	VV	982	15971	0.15%	0.003%
25	2.977	2.973	2.985	VV	247	1623	0.02%	0.000%
26	3.021	2.985	3.044	VV	935	19234	0.18%	0.004%
27	3.050	3.044	3.081	VV	452	5457	0.05%	0.001%
28	3.086	3.081	3.092	VV	128	646	0.01%	0.000%
29	3.111	3.092	3.141	VV	171	3301	0.03%	0.001%
30	3.165	3.141	3.181	VV	186	2777	0.03%	0.001%
31	3.203	3.181	3.214	VV	278	3638	0.03%	0.001%
32	3.245	3.214	3.285	VV	2631	49655	0.47%	0.011%
33	3.293	3.285	3.326	VV	396	4898	0.05%	0.001%
34	3.334	3.326	3.340	PV	93	407	0.00%	0.000%
35	3.363	3.340	3.373	VV	446	5202	0.05%	0.001%
36	3.386	3.373	3.407	VV	824	10257	0.10%	0.002%

37	3.417	3.407	3.438	VV	577	6435	0.06%	0.001%
38	3.457	3.438	3.473	VV	417	5633	0.06%	0.001%
39	3.487	3.473	3.508	VV	484	6451	0.06%	0.001%
40	3.528	3.508	3.540	VV	447	5555	0.06%	0.001%
41	3.559	3.540	3.601	VV	1914	31392	0.06%	0.001%
42	3.619	3.601	3.624	VV	590	5420	0.06%	0.001%
43	3.639	3.624	3.656	VV	736	10530	0.10%	0.002%
44	3.661	3.656	3.673	VV	376	3136	0.03%	0.001%
45	3.694	3.673	3.729	VV	2758	49042	0.46%	0.011%
46	3.736	3.729	3.749	VV	862	9585	0.09%	0.002%
47	3.777	3.749	3.808	VV	1824	41659	0.39%	0.009%
48	3.835	3.808	3.853	VV	4125	61134	0.58%	0.013%
49	3.859	3.853	3.870	VV	2224	21849	0.21%	0.005%
50	3.879	3.870	3.910	VV	2200	28157	0.27%	0.006%
51	3.935	3.910	3.958	VV	4969	74495	0.70%	0.016%
52	3.964	3.958	3.996	VV	2234	28104	0.26%	0.006%
53	4.042	3.996	4.059	VV	7413	104385	0.98%	0.022%
54	4.076	4.059	4.095	VV	4981	68241	0.64%	0.015%
55	4.113	4.095	4.132	VV	2543	49130	0.46%	0.011%
56	4.152	4.132	4.175	VV	5579	87154	0.82%	0.019%
57	4.183	4.175	4.198	VV	1001	11648	0.11%	0.002%
58	4.229	4.198	4.258	VV	8266	153332	1.44%	0.033%
59	4.275	4.258	4.303	VV	4570	81850	0.77%	0.018%
60	4.313	4.303	4.332	VV	2193	30700	0.29%	0.007%
61	4.339	4.332	4.360	VV	1269	12495	0.12%	0.003%
62	4.396	4.360	4.422	PV	2638	43192	0.41%	0.009%
63	4.444	4.422	4.470	VV	4548	63880	0.60%	0.014%
64	4.505	4.470	4.531	VV	197201	2135892	20.12%	0.458%
65	4.543	4.531	4.563	VV	9687	114543	1.08%	0.025%
66	4.581	4.563	4.601	VV	5410	69157	0.65%	0.015%
67	4.616	4.601	4.644	VV	1979	30458	0.29%	0.007%
68	4.681	4.644	4.703	VV	3497	80728	0.76%	0.017%
69	4.717	4.703	4.748	VV	3750	74426	0.70%	0.016%
70	4.759	4.748	4.773	VV	2734	29050	0.27%	0.006%
71	4.791	4.773	4.804	VV	12787	136619	1.29%	0.029%
72	4.812	4.804	4.831	VV	6869	69866	0.66%	0.015%
73	4.849	4.831	4.859	VV	5877	74402	0.70%	0.016%
74	4.869	4.859	4.885	VV	6826	76890	0.72%	0.016%
75	4.926	4.885	4.953	VV	13384	261546	2.46%	0.056%
76	4.970	4.953	4.990	VV	11505	162867	1.53%	0.035%
77	5.012	4.990	5.057	VV	23227	348009	3.28%	0.075%
78	5.089	5.057	5.107	VV	9670	129968	1.22%	0.028%
79	5.123	5.107	5.148	VV	4421	57781	0.54%	0.012%
80	5.187	5.148	5.199	VV	11119	133019	1.25%	0.029%
81	5.218	5.199	5.244	VV	20677	331784	3.13%	0.071%
82	5.263	5.244	5.279	VV	21413	242459	2.28%	0.052%
83	5.295	5.279	5.313	VV	16523	222233	2.09%	0.048%
84	5.329	5.313	5.366	VV	17590	229087	2.16%	0.049%
85	5.381	5.366	5.386	VV	1564	11537	0.11%	0.002%
86	5.426	5.386	5.440	VV	9579	169633	1.60%	0.036%
87	5.454	5.440	5.471	VV	9262	135621	1.28%	0.029%
88	5.494	5.471	5.513	VV	14643	276978	2.61%	0.059%
89	5.526	5.513	5.543	VV	18613	223010	2.10%	0.048%

Instrument :

FID_G

ClientSampleId :

AU-6-042425MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

90	5.552	5.543	5.561	VV	6230	61275	0.58%	0.013%
91	5.589	5.561	5.604	VV	10860	177993		
92	5.616	5.604	5.627	VV	5516	54276		
93	5.651	5.627	5.702	VV	126436	1823202		
94	5.717	5.702	5.755	VV	5597	142494		
95	5.778	5.755	5.791	VV	5332	85496		
96	5.803	5.791	5.810	VV	5617	51712	0.49%	0.011%
97	5.832	5.810	5.867	VV	30903	653712	6.16%	0.140%
98	5.875	5.867	5.893	VV	12123	144238	1.36%	0.031%
99	5.914	5.893	5.925	VV	17250	209960	1.98%	0.045%
100	5.942	5.925	5.953	VV	45409	546624	5.15%	0.117%
101	5.958	5.953	5.987	VV	39818	540119	5.09%	0.116%
102	5.998	5.987	6.008	VV	18234	186866	1.76%	0.040%
103	6.017	6.008	6.021	VV	16975	125533	1.18%	0.027%
104	6.039	6.021	6.068	VV	51466	774238	7.29%	0.166%
105	6.084	6.068	6.113	VV	19250	376239	3.54%	0.081%
106	6.131	6.113	6.148	VV	29277	376388	3.55%	0.081%
107	6.183	6.148	6.203	VV	29935	611046	5.76%	0.131%
108	6.246	6.203	6.256	VV	29651	666484	6.28%	0.143%
109	6.259	6.256	6.272	VV	27493	244793	2.31%	0.052%
110	6.283	6.272	6.302	VV	32259	397917	3.75%	0.085%
111	6.329	6.302	6.347	VV	43021	635265	5.98%	0.136%
112	6.368	6.347	6.382	VV	40217	634361	5.98%	0.136%
113	6.395	6.382	6.438	VV	45147	976823	9.20%	0.209%
114	6.454	6.438	6.467	VV	34992	437718	4.12%	0.094%
115	6.477	6.467	6.486	VV	24505	264024	2.49%	0.057%
116	6.507	6.486	6.539	VV	38578	831076	7.83%	0.178%
117	6.558	6.539	6.583	VV	25151	553178	5.21%	0.119%
118	6.609	6.583	6.643	VV	60759	1173008	11.05%	0.251%
119	6.652	6.643	6.664	VV	21294	243682	2.30%	0.052%
120	6.689	6.664	6.735	VV	445030	5165435	48.65%	1.107%
121	6.750	6.735	6.756	VV	15788	182137	1.72%	0.039%
122	6.775	6.756	6.788	VV	26306	413346	3.89%	0.089%
123	6.805	6.788	6.821	VV	38758	621512	5.85%	0.133%
124	6.841	6.821	6.865	VV	97700	1409506	13.28%	0.302%
125	6.886	6.865	6.903	VV	41623	738608	6.96%	0.158%
126	6.914	6.903	6.927	VV	33001	388289	3.66%	0.083%
127	6.942	6.927	6.953	VV	30188	423762	3.99%	0.091%
128	6.970	6.953	6.992	VV	70628	967132	9.11%	0.207%
129	7.014	6.992	7.024	VV	46855	653419	6.15%	0.140%
130	7.033	7.024	7.065	VV	44859	836874	7.88%	0.179%
131	7.093	7.065	7.127	VV	151375	2317666	21.83%	0.497%
132	7.136	7.127	7.151	VV	26840	367886	3.47%	0.079%
133	7.169	7.151	7.183	VV	38805	635947	5.99%	0.136%
134	7.218	7.183	7.240	VV	77502	1700468	16.02%	0.364%
135	7.262	7.240	7.291	VV	90689	1524352	14.36%	0.327%
136	7.326	7.291	7.353	VV	110257	2451050	23.09%	0.525%
137	7.369	7.353	7.388	VV	74338	986450	9.29%	0.211%
138	7.411	7.388	7.447	VV	118994	2070825	19.51%	0.444%
139	7.469	7.447	7.492	VV	58928	1165835	10.98%	0.250%
140	7.511	7.492	7.527	VV	50518	790969	7.45%	0.169%
141	7.540	7.527	7.550	VV	35487	435817	4.11%	0.093%

Instrument :

FID_G

ClientSampleId :

AU-6-042425MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

142	7.563	7.550	7.567	VV	34950	359128	3.38%	0.077%
143	7.578	7.567	7.586	VV	36678	403471		
144	7.614	7.586	7.623	VV	142314	1867819	17.72%	0.116%
145	7.640	7.623	7.661	VV	399329	4576798	43.82%	0.150%
146	7.674	7.661	7.684	VV	61089	728345	6.10%	0.116%
147	7.690	7.684	7.700	VV	53457	494947	4.24%	0.150%
148	7.707	7.700	7.718	VV	51295	540931	5.10%	0.116%
149	7.725	7.718	7.746	VV	47277	701853	6.61%	0.150%
150	7.761	7.746	7.786	VV	42435	899891	8.48%	0.193%
151	7.812	7.786	7.847	VV	122773	2642470	24.89%	0.566%
152	7.865	7.847	7.887	VV	56805	1032282	9.72%	0.221%
153	7.906	7.887	7.921	VV	49649	778746	7.34%	0.167%
154	7.930	7.921	7.936	VV	36855	323336	3.05%	0.069%
155	7.954	7.936	7.964	VV	70131	932827	8.79%	0.200%
156	7.977	7.964	7.994	VV	71140	1037055	9.77%	0.222%
157	8.010	7.994	8.051	VV	68593	1580556	14.89%	0.339%
158	8.072	8.051	8.087	VV	77246	1255122	11.82%	0.269%
159	8.105	8.087	8.117	VV	82312	1263745	11.90%	0.271%
160	8.123	8.117	8.141	VV	71714	891920	8.40%	0.191%
161	8.168	8.141	8.188	VV	85285	1696356	15.98%	0.363%
162	8.216	8.188	8.233	VV	111399	1881827	17.73%	0.403%
163	8.250	8.233	8.260	VV	120511	1524922	14.36%	0.327%
164	8.272	8.260	8.295	VV	132640	1765552	16.63%	0.378%
165	8.342	8.295	8.377	VV	165046	3549921	33.44%	0.761%
166	8.393	8.377	8.411	VV	53463	988427	9.31%	0.212%
167	8.431	8.411	8.441	VV	84532	1192366	11.23%	0.255%
168	8.445	8.441	8.458	VV	78695	717957	6.76%	0.154%
169	8.473	8.458	8.485	VV	80478	1166492	10.99%	0.250%
170	8.528	8.485	8.550	VV	689875	9426158	88.79%	2.020%
171	8.569	8.550	8.589	VV	80223	1648253	15.53%	0.353%
172	8.600	8.589	8.605	VV	60266	562821	5.30%	0.121%
173	8.624	8.605	8.654	VV	84411	2001006	18.85%	0.429%
174	8.681	8.654	8.698	VV	87764	1831483	17.25%	0.392%
175	8.710	8.698	8.725	VV	80726	1155644	10.89%	0.248%
176	8.745	8.725	8.787	VV	106151	2610041	24.58%	0.559%
177	8.816	8.787	8.840	VV	66213	1731097	16.31%	0.371%
178	8.853	8.840	8.865	VV	56037	747610	7.04%	0.160%
179	8.885	8.865	8.891	VV	81712	1040742	9.80%	0.223%
180	8.899	8.891	8.912	VV	80665	950680	8.95%	0.204%
181	8.920	8.912	8.928	VV	71657	669425	6.31%	0.143%
182	8.949	8.928	8.963	VV	96946	1784690	16.81%	0.382%
183	8.978	8.963	9.000	VV	113513	2009243	18.93%	0.431%
184	9.020	9.000	9.034	VV	93965	1661903	15.65%	0.356%
185	9.067	9.034	9.092	VV	236057	4243512	39.97%	0.909%
186	9.119	9.092	9.135	VV	106154	1954855	18.41%	0.419%
187	9.142	9.135	9.157	VV	67167	808637	7.62%	0.173%
188	9.175	9.157	9.199	VV	74718	1686844	15.89%	0.361%
189	9.214	9.199	9.235	VV	77019	1416341	13.34%	0.303%
190	9.246	9.235	9.263	VV	60765	918405	8.65%	0.197%
191	9.297	9.263	9.314	VV	78019	2074789	19.54%	0.445%
192	9.358	9.314	9.379	VV	574765	8114120	76.43%	1.739%
193	9.385	9.379	9.420	VV	84526	1751896	16.50%	0.375%
194	9.441	9.420	9.465	VV	85500	1817660	17.12%	0.389%

Instrument :

FID_G

ClientSampleId :

AU-6-042425MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

							Instrument : FID_G	
							ClientSampleId : AU-6-042425MSD	
rteres								
195	9.500	9.465	9.524	VV	71105	2193165	20.66%	0.470%
							Manual IntegrationsAPPROVED	
196	9.555	9.524	9.568	VV	67204	1574866	14.90%	0.512%
197	9.585	9.568	9.608	VV	78370	1580679	14.90%	0.512%
198	9.639	9.608	9.674	VV	83830	2593626	24.90%	0.512%
199	9.688	9.674	9.701	VV	68665	1012518	9.66%	0.470%
200	9.732	9.701	9.763	VV	138987	3398481	32.66%	0.470%
201	9.776	9.763	9.787	VV	81651	1083175	10.20%	0.232%
202	9.817	9.787	9.840	VV	112792	2855949	26.90%	0.612%
203	9.864	9.840	9.883	VV	113246	2187945	20.61%	0.469%
204	9.916	9.883	9.946	VV	113013	2976899	28.04%	0.638%
205	9.964	9.946	9.985	VV	62213	1347037	12.69%	0.289%
206	10.006	9.985	10.034	VV	144594	2605122	24.54%	0.558%
207	10.049	10.034	10.069	VV	67268	1343125	12.65%	0.288%
208	10.093	10.069	10.116	VV	101644	2341930	22.06%	0.502%
209	10.143	10.116	10.188	VV	767484	10616589	100.00%	2.275%
210	10.213	10.188	10.232	VV	70395	1724511	16.24%	0.370%
211	10.242	10.232	10.286	VV	70057	1844993	17.38%	0.395%
212	10.312	10.286	10.341	VV	69112	1898023	17.88%	0.407%
213	10.353	10.341	10.360	VV	55308	606999	5.72%	0.130%
214	10.372	10.360	10.397	VV	56893	1180760	11.12%	0.253%
215	10.413	10.397	10.435	VV	61804	1298673	12.23%	0.278%
216	10.487	10.435	10.501	VV	99804	2757076	25.97%	0.591%
217	10.530	10.501	10.557	VV	234265	4482797	42.22%	0.961%
218	10.579	10.557	10.600	VV	95752	1986244	18.71%	0.426%
219	10.618	10.600	10.639	VV	106640	1910705	18.00%	0.409%
220	10.674	10.639	10.702	VV	110522	2778041	26.17%	0.595%
221	10.724	10.702	10.738	VV	55946	1133483	10.68%	0.243%
222	10.746	10.738	10.754	VV	53735	501749	4.73%	0.108%
223	10.784	10.754	10.802	VV	66751	1748030	16.47%	0.375%
224	10.811	10.802	10.839	VV	65215	1317156	12.41%	0.282%
225	10.885	10.839	10.922	VV	547336	8603791	81.04%	1.843%
226	10.955	10.922	10.982	VV	265616	5006884	47.16%	1.073%
227	10.998	10.982	11.048	VV	73340	2319849	21.85%	0.497%
228	11.078	11.048	11.087	VV	56649	1262825	11.89%	0.271%
229	11.093	11.087	11.109	VV	57630	699809	6.59%	0.150%
230	11.134	11.109	11.178	VV	59616	2345734	22.09%	0.503%
231	11.206	11.178	11.242	VV	87273	2771442	26.10%	0.594%
232	11.274	11.242	11.317	VV	103036	3349074	31.55%	0.718%
233	11.337	11.317	11.372	VV	85882	2133362	20.09%	0.457%
234	11.390	11.372	11.425	VV	79532	1832583	17.26%	0.393%
235	11.444	11.425	11.471	VV	54373	1369807	12.90%	0.294%
236	11.496	11.471	11.514	VV	53521	1292063	12.17%	0.277%
237	11.537	11.514	11.558	VV	58562	1435633	13.52%	0.308%
238	11.591	11.558	11.624	VV	655975	9111345	85.82%	1.952%
239	11.631	11.624	11.649	VV	60072	868121	8.18%	0.186%
240	11.679	11.649	11.722	VV	172532	3916116	36.89%	0.839%
241	11.745	11.722	11.763	VV	51556	1153098	10.86%	0.247%
242	11.783	11.763	11.805	VV	49978	1159469	10.92%	0.248%
243	11.881	11.805	11.925	VV	75915	3970843	37.40%	0.851%
244	11.944	11.925	11.962	VV	57890	1133032	10.67%	0.243%
245	11.983	11.962	12.006	VV	81998	1672481	15.75%	0.358%
246	12.023	12.006	12.049	VV	71455	1445443	13.61%	0.310%

							Instrument : FID_G	
							ClientSampleId : AU-6-042425MSD	
rteres							Manual Integrat	
247	12.072	12.049	12.115	VV	69100	2017856	19.01%	0.432%
248	12.140	12.115	12.178	VV	46259	1591037	14.01%	0.432%
249	12.198	12.178	12.214	VV	43242	880612	8.01%	0.432%
250	12.262	12.214	12.288	VV	383178	6243545	58.01%	0.432%
							Reviewed By :Yog Supervised By :m	
251	12.293	12.288	12.321	VV	48522	919457	8.01%	0.432%
252	12.329	12.321	12.335	VV	45465	378036	3.01%	0.432%
253	12.343	12.335	12.358	VV	45457	596649	5.62%	0.128%
254	12.364	12.358	12.382	VV	43185	608768	5.73%	0.130%
255	12.386	12.382	12.433	VV	40721	1084301	10.21%	0.232%
256	12.460	12.433	12.481	VV	38411	1015639	9.57%	0.218%
257	12.490	12.481	12.498	VV	35914	340239	3.20%	0.073%
258	12.516	12.498	12.524	VV	55009	736669	6.94%	0.158%
259	12.531	12.524	12.585	VV	56594	1736723	16.36%	0.372%
260	12.597	12.585	12.612	VV	42418	651145	6.13%	0.140%
261	12.640	12.612	12.656	VV	51378	1164552	10.97%	0.250%
262	12.673	12.656	12.707	VV	61683	1332466	12.55%	0.286%
263	12.726	12.707	12.796	VV	49309	1917668	18.06%	0.411%
264	12.825	12.796	12.868	VV	41314	1523354	14.35%	0.326%
265	12.904	12.868	12.945	VV	494952	6966793	65.62%	1.493%
266	12.966	12.945	13.010	VV	50492	1460673	13.76%	0.313%
267	13.020	13.010	13.036	VV	29105	438464	4.13%	0.094%
268	13.046	13.036	13.105	VV	31190	1057799	9.96%	0.227%
269	13.120	13.105	13.132	VV	25525	388118	3.66%	0.083%
270	13.156	13.132	13.185	VV	41354	1063191	10.01%	0.228%
271	13.191	13.185	13.211	VV	32897	461967	4.35%	0.099%
272	13.222	13.211	13.243	VV	30544	494047	4.65%	0.106%
273	13.265	13.243	13.281	VV	47579	813333	7.66%	0.174%
274	13.297	13.281	13.335	VV	40761	1032521	9.73%	0.221%
275	13.350	13.335	13.366	VV	33874	526657	4.96%	0.113%
276	13.398	13.366	13.431	VV	35296	1043739	9.83%	0.224%
277	13.436	13.431	13.439	VV	21066	104572	0.98%	0.022%
278	13.450	13.439	13.480	VV	22829	498432	4.69%	0.107%
279	13.516	13.480	13.545	VV	203969	2981402	28.08%	0.639%
280	13.554	13.545	13.572	VV	26645	396877	3.74%	0.085%
281	13.587	13.572	13.650	VV	26451	995006	9.37%	0.213%
282	13.655	13.650	13.663	VV	16272	119579	1.13%	0.026%
283	13.683	13.663	13.707	VV	18297	407795	3.84%	0.087%
284	13.750	13.707	13.770	VV	30106	841628	7.93%	0.180%
285	13.793	13.770	13.811	VV	22909	505657	4.76%	0.108%
286	13.824	13.811	13.843	VV	19379	329696	3.11%	0.071%
287	13.862	13.843	13.878	VV	21172	370387	3.49%	0.079%
288	13.897	13.878	13.919	VV	22094	445008	4.19%	0.095%
289	13.943	13.919	13.978	VV	24381	632614	5.96%	0.136%
290	13.984	13.978	13.990	VV	13434	101008	0.95%	0.022%
291	14.013	13.990	14.034	VV	20025	444130	4.18%	0.095%
292	14.040	14.034	14.073	VV	15175	303259	2.86%	0.065%
293	14.105	14.073	14.152	VV	320915	4286782	40.38%	0.919%
294	14.161	14.152	14.209	VV	16323	468126	4.41%	0.100%
295	14.220	14.209	14.240	VV	11907	195222	1.84%	0.042%
296	14.246	14.240	14.270	VV	9904	155015	1.46%	0.033%
297	14.289	14.270	14.294	VV	7962	94392	0.89%	0.020%
298	14.336	14.294	14.362	VV	18309	559010	5.27%	0.120%
299	14.372	14.362	14.382	VV	11763	130066	1.23%	0.028%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

300	14.402	14.382	14.424	VV	11908	239697	2.26%	0.051%
301	14.435	14.424	14.447	VV	9549	122095		
302	14.466	14.447	14.483	VV	16490	262847		
303	14.515	14.483	14.560	VV	16024	522295		
304	14.589	14.560	14.641	VV	22802	583310		
305	14.669	14.641	14.700	VV	80961	1188027		
306	14.728	14.700	14.755	VV	33199	590838	5.57%	0.127%
307	14.759	14.755	14.782	VV	12716	171714	1.62%	0.037%
308	14.793	14.782	14.825	VV	10394	205370	1.93%	0.044%
309	14.846	14.825	14.855	VV	6988	108217	1.02%	0.023%
310	14.878	14.855	14.905	VV	10206	236282	2.23%	0.051%
311	14.924	14.905	14.935	VV	8633	134405	1.27%	0.029%
312	14.942	14.935	14.947	VV	7738	48763	0.46%	0.010%
313	14.958	14.947	14.973	VV	7568	107915	1.02%	0.023%
314	15.007	14.973	15.039	VV	111532	1648309	15.53%	0.353%
315	15.065	15.039	15.084	VV	8633	173483	1.63%	0.037%
316	15.093	15.084	15.122	VV	4580	79510	0.75%	0.017%
317	15.139	15.122	15.147	VV	4360	47736	0.45%	0.010%
318	15.173	15.147	15.180	VV	6622	103853	0.98%	0.022%
319	15.212	15.180	15.252	VV	224230	2921539	27.52%	0.626%
320	15.259	15.252	15.266	VV	3490	26975	0.25%	0.006%
321	15.272	15.266	15.279	VV	3346	22477	0.21%	0.005%
322	15.306	15.279	15.334	VV	5030	123158	1.16%	0.026%
323	15.346	15.334	15.354	VV	2429	25107	0.24%	0.005%
324	15.357	15.354	15.382	VV	2249	27380	0.26%	0.006%
325	15.406	15.382	15.427	PV	4659	61839	0.58%	0.013%
326	15.456	15.427	15.461	VV	2928	42478	0.40%	0.009%
327	15.466	15.461	15.472	VV	2968	16639	0.16%	0.004%
328	15.490	15.472	15.507	VV	4243	70390	0.66%	0.015%
329	15.522	15.507	15.532	VV	3791	43709	0.41%	0.009%
330	15.550	15.532	15.567	VV	4228	60627	0.57%	0.013%
331	15.594	15.567	15.662	VV	36137	695687	6.55%	0.149%
332	15.665	15.662	15.681	VV	2274	17693	0.17%	0.004%
333	15.732	15.681	15.778	VV	28448	460585	4.34%	0.099%
334	15.786	15.778	15.800	VV	2446	28776	0.27%	0.006%
335	15.804	15.800	15.815	VV	2049	15522	0.15%	0.003%
336	15.831	15.815	15.846	VV	3924	56800	0.54%	0.012%
337	15.865	15.846	15.898	VV	3726	64214	0.60%	0.014%
338	15.920	15.898	15.937	PV	2383	40486	0.38%	0.009%
339	15.950	15.937	15.965	VV	3252	40827	0.38%	0.009%
340	15.996	15.965	16.020	VV	4125	98270	0.93%	0.021%
341	16.033	16.020	16.038	VV	3284	28047	0.26%	0.006%
342	16.055	16.038	16.087	VV	4428	82921	0.78%	0.018%
343	16.122	16.087	16.145	VV	4118	91943	0.87%	0.020%
344	16.151	16.145	16.162	VV	2493	22907	0.22%	0.005%
345	16.170	16.162	16.185	VV	2819	32108	0.30%	0.007%
346	16.191	16.185	16.197	VV	2417	14419	0.14%	0.003%
347	16.236	16.197	16.320	VV	184672	2545978	23.98%	0.546%
348	16.337	16.320	16.351	VV	1935	23897	0.23%	0.005%
349	16.358	16.351	16.366	VV	2093	13753	0.13%	0.003%
350	16.369	16.366	16.387	VV	1588	13685	0.13%	0.003%
351	16.428	16.387	16.467	PV	4354	118658	1.12%	0.025%

Instrument :

FID_G

ClientSampleId :

AU-6-042425MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

					rters				
352	16.490	16.467	16.501	VV	1739	23793	0.22%	0.005%	
353	16.536	16.501	16.572	VV	5701	134730			
354	16.615	16.572	16.657	VV	6757	181468			
355	16.679	16.657	16.694	PV	3258	40013			
356	16.721	16.694	16.747	VV	23780	351138			
357	16.753	16.747	16.760	VV	2999	21889			
358	16.764	16.760	16.785	VV	2970	26667	0.25%	0.006%	
359	16.815	16.785	16.824	VV	3650	61562	0.58%	0.013%	
360	16.851	16.824	16.898	VV	4959	138555	1.31%	0.030%	
361	16.905	16.898	16.912	VV	3191	19847	0.19%	0.004%	
362	16.920	16.912	16.967	VV	3935	76211	0.72%	0.016%	
363	16.992	16.967	17.001	PV	2023	24781	0.23%	0.005%	
364	17.019	17.001	17.025	VV	3332	28432	0.27%	0.006%	
365	17.048	17.025	17.087	VV	5558	105496	0.99%	0.023%	
366	17.112	17.087	17.133	VV	3677	62604	0.59%	0.013%	
367	17.190	17.133	17.240	PV	170296	2451607	23.09%	0.525%	
368	17.243	17.240	17.274	VV	3933	48774	0.46%	0.010%	
369	17.279	17.274	17.284	VV	2260	8617	0.08%	0.002%	
370	17.288	17.284	17.291	VV	1090	3074	0.03%	0.001%	
371	17.320	17.291	17.326	VV	1975	31831	0.30%	0.007%	
372	17.333	17.326	17.340	VV	814	5067	0.05%	0.001%	
373	17.360	17.340	17.378	PV	2789	34123	0.32%	0.007%	
374	17.388	17.378	17.394	VV	2484	16295	0.15%	0.003%	
375	17.427	17.394	17.450	VV	7512	116009	1.09%	0.025%	
376	17.473	17.450	17.482	VV	2152	33191	0.31%	0.007%	
377	17.505	17.482	17.533	VV	7166	113517	1.07%	0.024%	
378	17.559	17.533	17.588	VV	6510	134099	1.26%	0.029%	
379	17.601	17.588	17.617	VV	6324	76029	0.72%	0.016%	
380	17.641	17.617	17.668	VV	14031	225753	2.13%	0.048%	
381	17.676	17.668	17.681	VV	3279	23114	0.22%	0.005%	
382	17.684	17.681	17.699	VV	3150	21278	0.20%	0.005%	
383	17.719	17.699	17.728	VV	3900	40001	0.38%	0.009%	
384	17.752	17.728	17.765	PV	5211	72697	0.68%	0.016%	
385	17.770	17.765	17.787	VV	4491	30159	0.28%	0.006%	
386	17.811	17.787	17.817	VV	4966	54617	0.51%	0.012%	
387	17.820	17.817	17.830	VV	4308	27219	0.26%	0.006%	
388	17.846	17.830	17.869	VV	4347	73752	0.69%	0.016%	
389	17.880	17.869	17.885	VV	3277	21311	0.20%	0.005%	
390	17.908	17.885	17.927	VV	5995	76278	0.72%	0.016%	
391	17.931	17.927	17.935	VV	2568	8682	0.08%	0.002%	
392	17.979	17.935	17.986	VV	10080	157044	1.48%	0.034%	
393	17.990	17.986	17.999	VV	8710	57081	0.54%	0.012%	
394	18.010	17.999	18.017	VV	8822	79763	0.75%	0.017%	
395	18.035	18.017	18.040	VV	8678	106866	1.01%	0.023%	
396	18.080	18.040	18.123	VV	172492	2584458	24.34%	0.554%	
397	18.128	18.123	18.135	VV	7278	46667	0.44%	0.010%	
398	18.139	18.135	18.165	VV	7449	92926	0.88%	0.020%	
399	18.176	18.165	18.191	VV	7394	85180	0.80%	0.018%	
400	18.218	18.191	18.237	VV	20278	353555	3.33%	0.076%	
401	18.243	18.237	18.263	VV	12765	145272	1.37%	0.031%	
402	18.273	18.263	18.289	VV	9775	127283	1.20%	0.027%	
403	18.305	18.289	18.316	VV	7625	110495	1.04%	0.024%	
404	18.320	18.316	18.335	VV	6470	60639	0.57%	0.013%	

Instrument :

FID_G

ClientSampleId :

AU-6-042425MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

405	18.349	18.335	18.364	VV	6867	100157	0.94%	0.021%
406	18.365	18.364	18.375	VV	6238	35578		
407	18.444	18.375	18.477	VV	28897	891749		
408	18.504	18.477	18.529	VV	28718	564689		
409	18.533	18.529	18.540	VV	12190	78344		
410	18.591	18.540	18.614	VV	21728	702699		
411	18.621	18.614	18.639	VV	14999	204533	1.93%	0.044%
412	18.662	18.639	18.694	VV	17803	466674	4.40%	0.100%
413	18.713	18.694	18.735	VV	18579	386622	3.64%	0.083%
414	18.753	18.735	18.757	VV	16705	203210	1.91%	0.044%
415	18.767	18.757	18.777	VV	16307	175690	1.65%	0.038%
416	18.786	18.777	18.804	VV	15686	228301	2.15%	0.049%
417	18.809	18.804	18.818	VV	14659	107015	1.01%	0.023%
418	18.837	18.818	18.843	VV	15406	213819	2.01%	0.046%
419	18.875	18.843	18.883	VV	22106	427480	4.03%	0.092%
420	18.917	18.883	18.944	VV	160221	2629839	24.77%	0.563%
421	18.949	18.944	18.954	VV	18955	98151	0.92%	0.021%
422	18.984	18.954	18.992	VV	22309	466001	4.39%	0.100%
423	19.019	18.992	19.032	VV	31732	646368	6.09%	0.138%
424	19.065	19.032	19.087	VV	33730	895933	8.44%	0.192%
425	19.093	19.087	19.099	VV	25504	181729	1.71%	0.039%
426	19.109	19.099	19.135	VV	27784	543699	5.12%	0.116%
427	19.167	19.135	19.172	VV	28113	524359	4.94%	0.112%
428	19.202	19.172	19.207	VV	29281	577017	5.44%	0.124%
429	19.211	19.207	19.221	VV	28197	230458	2.17%	0.049%
430	19.234	19.221	19.247	VV	27408	376604	3.55%	0.081%
431	19.273	19.247	19.295	VV	47127	1035422	9.75%	0.222%
432	19.316	19.295	19.338	VV	46648	1014884	9.56%	0.217%
433	19.352	19.338	19.365	VV	42707	618477	5.83%	0.133%
434	19.384	19.365	19.390	VV	35306	473812	4.46%	0.102%
435	19.418	19.390	19.427	VV	40674	845706	7.97%	0.181%
436	19.445	19.427	19.459	VV	44475	755232	7.11%	0.162%
437	19.475	19.459	19.485	VV	40582	611578	5.76%	0.131%
438	19.490	19.485	19.502	VV	41033	400030	3.77%	0.086%
439	19.510	19.502	19.515	VV	43318	327482	3.08%	0.070%
440	19.522	19.515	19.537	VV	41634	514768	4.85%	0.110%
441	19.545	19.537	19.551	VV	41675	319838	3.01%	0.069%
442	19.554	19.551	19.561	VV	38379	222140	2.09%	0.048%
443	19.566	19.561	19.572	VV	38525	245369	2.31%	0.053%
444	19.580	19.572	19.590	VV	38786	406960	3.83%	0.087%
445	19.608	19.590	19.624	VV	42894	735529	6.93%	0.158%
446	19.629	19.624	19.632	VV	36932	184647	1.74%	0.040%
447	19.653	19.632	19.665	VV	39291	734478	6.92%	0.157%
448	19.703	19.665	19.727	VV	124614	2703402	25.46%	0.579%
449	19.733	19.727	19.744	VV	51140	484803	4.57%	0.104%
450	19.747	19.744	19.753	VV	49337	258817	2.44%	0.055%
451	19.760	19.753	19.772	VV	51134	551182	5.19%	0.118%
452	19.808	19.772	19.829	VV	62906	1842307	17.35%	0.395%
453	19.832	19.829	19.841	VV	58107	412375	3.88%	0.088%
454	19.848	19.841	19.853	VV	54465	369210	3.48%	0.079%
455	19.877	19.853	19.894	VV	55330	1290352	12.15%	0.276%
456	19.901	19.894	19.907	VV	53879	423611	3.99%	0.091%

Instrument :

FID_G

ClientSampleId :

AU-6-042425MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

					rteres				
457	19.909	19.907	19.912	VV	53076	161076	1.52%	0.035%	
458	19.923	19.912	19.929	VV	61084	560877			
459	19.934	19.929	19.943	VV	58332	479092			
460	19.954	19.943	19.970	VV	63071	922686			
461	20.000	19.970	20.023	VV	64968	1885314	17.04%		
462	20.067	20.023	20.072	VV	72872	1906565	17.04%		
463	20.080	20.072	20.097	VV	76274	1065326	10.03%	0.228%	
464	20.116	20.097	20.121	VV	75526	974946	9.18%	0.209%	
465	20.124	20.121	20.135	VV	72354	591200	5.57%	0.127%	
466	20.163	20.135	20.178	VV	70564	1714054	16.15%	0.367%	
467	20.184	20.178	20.194	VV	69660	634877	5.98%	0.136%	
468	20.217	20.194	20.225	VV	73340	1320042	12.43%	0.283%	
469	20.236	20.225	20.248	VV	77407	988019	9.31%	0.212%	
470	20.275	20.248	20.290	VV	74668	1809269	17.04%	0.388%	
471	20.295	20.290	20.300	VV	73334	428995	4.04%	0.092%	
472	20.318	20.300	20.331	VV	76290	1353851	12.75%	0.290%	
473	20.346	20.331	20.376	VV	85705	2129804	20.06%	0.456%	
474	20.384	20.376	20.389	VV	80055	616060	5.80%	0.132%	
475	20.449	20.389	20.468	VV	146208	4714797	44.41%	1.010%	
476	20.471	20.468	20.478	VV	90010	522536	4.92%	0.112%	
477	20.509	20.478	20.524	VV	101881	2537618	23.90%	0.544%	
478	20.527	20.524	20.534	VV	97957	573263	5.40%	0.123%	
479	20.545	20.534	20.567	VV	94658	1793122	16.89%	0.384%	
480	20.588	20.567	20.601	VV	94656	1868433	17.60%	0.400%	
481	20.640	20.601	20.646	VV	96524	2416039	22.76%	0.518%	
482	20.671	20.646	20.684	VV	98332	2144923	20.20%	0.460%	
483	20.691	20.684	20.701	VV	96626	928547	8.75%	0.199%	
484	20.714	20.701	20.719	VV	98710	1037021	9.77%	0.222%	
485	20.728	20.719	20.735	VV	100512	954980	9.00%	0.205%	
486	20.748	20.735	20.762	VV	101636	1556050	14.66%	0.333%	
487	20.797	20.762	20.817	VV	108050	3370903	31.75%	0.722%	
488	20.826	20.817	20.835	VV	103273	1057417	9.96%	0.227%	
489	20.841	20.835	20.880	VV	100487	2537929	23.91%	0.544%	
490	20.886	20.880	20.897	VV	92737	882961	8.32%	0.189%	
491	20.907	20.897	20.914	VV	86118	845636	7.97%	0.181%	
492	20.923	20.914	20.933	VV	82857	926648	8.73%	0.199%	
493	20.942	20.933	20.968	VV	83431	1683896	15.86%	0.361%	
494	20.975	20.968	20.987	VV	82825	845576	7.96%	0.181%	
495	20.998	20.987	21.003	VV	81269	778250	7.33%	0.167%	
496	21.017	21.003	21.027	VV	85662	1181075	11.12%	0.253%	
497	21.032	21.027	21.052	VV	86929	1244427	11.72%	0.267%	
498	21.060	21.052	21.065	VV	88880	701696	6.61%	0.150%	
499	21.070	21.065	21.082	VV	88504	857469	8.08%	0.184%	
500	21.106	21.082	21.118	VV	84751	1721434	16.21%	0.369%	
501	21.125	21.118	21.142	VV	82366	1098055	10.34%	0.235%	
502	21.148	21.142	21.160	VV	79889	845310	7.96%	0.181%	
503	21.188	21.160	21.240	VV	111670	4064010	38.28%	0.871%	
504	21.249	21.240	21.258	VV	68260	701399	6.61%	0.150%	
505	21.265	21.258	21.291	VV	65826	1272708	11.99%	0.273%	
506	21.312	21.291	21.317	VV	65799	982054	9.25%	0.210%	
507	21.356	21.317	21.364	VV	71264	1855929	17.48%	0.398%	
508	21.368	21.364	21.381	VV	70193	682847	6.43%	0.146%	
509	21.394	21.381	21.414	VV	71462	1315537	12.39%	0.282%	

Instrument :

FID_G

ClientSampleId :

AU-6-042425MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

							Instrument : FID_G	
							ClientSampleId : AU-6-042425MSD	
rterres								
510	21.425	21.414	21.463	VV	69192	1801424	16.97%	0.386%
511	21.468	21.463	21.490	VV	56081	864093	8.64%	0.386%
512	21.499	21.490	21.508	VV	53969	513996	4.54%	0.386%
513	21.513	21.508	21.527	VV	49501	541535	5.41%	0.386%
514	21.535	21.527	21.567	VV	49494	1122242	10.99%	0.386%
515	21.577	21.567	21.589	VV	46030	573779	5.73%	0.386%
							Manual Integration	
516	21.631	21.589	21.638	VV	60054	1562975	14.72%	0.335%
517	21.645	21.638	21.654	VV	55857	523686	4.93%	0.112%
518	21.658	21.654	21.663	VV	55521	274409	2.58%	0.059%
519	21.673	21.663	21.682	VV	54877	606466	5.71%	0.130%
520	21.699	21.682	21.705	VV	56848	721585	6.80%	0.155%
521	21.718	21.705	21.725	VV	56485	653403	6.15%	0.140%
522	21.735	21.725	21.748	VV	55708	694147	6.54%	0.149%
523	21.752	21.748	21.759	VV	54038	356285	3.36%	0.076%
524	21.768	21.759	21.779	VV	48924	543200	5.12%	0.116%
525	21.784	21.779	21.799	VV	43788	496479	4.68%	0.106%
526	21.809	21.799	21.822	VV	42241	545459	5.14%	0.117%
527	21.827	21.822	21.833	VV	39232	231885	2.18%	0.050%
528	21.838	21.833	21.873	VV	38688	716426	6.75%	0.154%
529	21.884	21.873	21.891	VV	31115	286814	2.70%	0.061%
530	21.897	21.891	21.910	VV	28323	267661	2.52%	0.057%
531	21.920	21.910	21.930	VV	25954	257257	2.42%	0.055%
532	21.936	21.930	21.948	VV	19949	176389	1.66%	0.038%
533	21.952	21.948	21.957	VV	18181	90344	0.85%	0.019%
534	21.987	21.957	21.999	VV	23577	481300	4.53%	0.103%
535	22.008	21.999	22.019	VV	24409	252632	2.38%	0.054%
536	22.027	22.019	22.037	VV	26899	252650	2.38%	0.054%
537	22.060	22.037	22.066	VV	29577	390722	3.68%	0.084%
538	22.120	22.066	22.159	VV	52103	1977763	18.63%	0.424%
539	22.174	22.159	22.204	VV	26447	500445	4.71%	0.107%
540	22.210	22.204	22.220	VV	17116	141393	1.33%	0.030%
541	22.225	22.220	22.244	VV	15105	195353	1.84%	0.042%
542	22.256	22.244	22.266	VV	19165	203868	1.92%	0.044%
543	22.270	22.266	22.292	VV	16548	219729	2.07%	0.047%
544	22.299	22.292	22.327	VV	14171	223272	2.10%	0.048%
545	22.339	22.327	22.367	VV	11834	132846	1.25%	0.028%
546	22.371	22.367	22.378	VV	6008	22986	0.22%	0.005%
547	22.389	22.378	22.400	PBA	8585	165893	1.56%	0.036%
Sum of corrected areas:							466710168	

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
PB167783BS		FG015774.D	FG042925	N-DOTRIACONTANE	mohammad	5/2/2025 3:02:56 AM	Peak Integrated by Software incorrectly
Q1877-01MS		FG015776.D	FG042925	N-DOCOSANE	mohammad	5/2/2025 3:03:00 AM	Peak Integrated by Software incorrectly
Q1877-01MS		FG015776.D	FG042925	N-EICOSANE	mohammad	5/2/2025 3:03:00 AM	Peak Integrated by Software incorrectly
Q1877-01MS		FG015776.D	FG042925	N-HEXADECANE	mohammad	5/2/2025 3:03:00 AM	Peak Integrated by Software incorrectly
Q1877-01MS		FG015776.D	FG042925	N-OCTADECANE	mohammad	5/2/2025 3:03:00 AM	Peak Integrated by Software incorrectly
Q1877-01MS		FG015776.D	FG042925	N-TETRADECANE	mohammad	5/2/2025 3:03:00 AM	Peak Integrated by Software incorrectly
Q1877-01MSD		FG015777.D	FG042925	N-DODECANE	mohammad	5/2/2025 3:03:02 AM	Peak Integrated by Software incorrectly
Q1877-01MSD		FG015777.D	FG042925	N-EICOSANE	mohammad	5/2/2025 3:03:02 AM	Peak Integrated by Software incorrectly
Q1877-01MSD		FG015777.D	FG042925	N-HEXADECANE	mohammad	5/2/2025 3:03:02 AM	Peak Integrated by Software incorrectly
Q1877-01MSD		FG015777.D	FG042925	N-OCTADECANE	mohammad	5/2/2025 3:03:02 AM	Peak Integrated by Software incorrectly
Q1877-01MSD		FG015777.D	FG042925	N-TETRACONTANE	mohammad	5/2/2025 3:03:02 AM	Peak Integrated by Software incorrectly
Q1877-01MSD		FG015777.D	FG042925	N-TETRADECANE	mohammad	5/2/2025 3:03:02 AM	Peak Integrated by Software incorrectly
Q1907-01		FG015778.D	FG042925	TETRACOSANE-d50 (SURROGA	mohammad	5/2/2025 3:03:05 AM	Peak Integrated by Software incorrectly
Q1877-01		FG015779.D	FG042925	TETRACOSANE-d50 (SURROGA	mohammad	5/2/2025 3:03:09 AM	Peak Integrated by Software incorrectly

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG042425

Review By	yogesh	Review On	4/24/2025 12:59:08 PM
Supervise By	mohammad	Supervise On	4/26/2025 2:19:49 AM
SubDirectory	FG042425	HP Acquire Method	HP Processing Method FG042425
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24468,PP24473		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG015754.D	24 Apr 2025 09:50	YP\AJ	Ok
2	I.BLK	FG015755.D	24 Apr 2025 10:19	YP\AJ	Ok
3	100 TRPH STD	FG015756.D	24 Apr 2025 10:48	YP\AJ	Ok
4	50 TRPH STD	FG015757.D	24 Apr 2025 11:17	YP\AJ	Ok
5	20 TRPH STD	FG015758.D	24 Apr 2025 11:46	YP\AJ	Ok
6	10 TRPH STD	FG015759.D	24 Apr 2025 12:16	YP\AJ	Ok
7	5 TRPH STD	FG015760.D	24 Apr 2025 12:45	YP\AJ	Ok
8	FG042225ICV	FG015761.D	24 Apr 2025 13:14	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG042925

Review By	yogesh	Review On	4/29/2025 2:41:54 PM
Supervise By	mohammad	Supervise On	5/2/2025 3:03:36 AM
SubDirectory	FG042925	HP Acquire Method	HP Processing Method FG042425
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24469 PP24468,PP24473		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG015762.D	29 Apr 2025 11:55	YP\AJ	Ok
2	I.BLK	FG015763.D	29 Apr 2025 12:24	YP\AJ	Ok
3	50 PPM TRPH STD	FG015764.D	29 Apr 2025 12:53	YP\AJ	Ok
4	RT MARKER	FG015765.D	29 Apr 2025 13:52	YP\AJ	Ok
5	Q1901-02	FG015766.D	29 Apr 2025 14:51	YP\AJ	Ok
6	Q1901-03	FG015767.D	29 Apr 2025 15:20	YP\AJ	Ok
7	Q1901-04	FG015768.D	29 Apr 2025 15:49	YP\AJ	Ok
8	Q1901-05	FG015769.D	29 Apr 2025 16:19	YP\AJ	Ok
9	Q1907-01	FG015770.D	29 Apr 2025 16:48	YP\AJ	Dilution
10	I.BLK	FG015771.D	29 Apr 2025 17:17	YP\AJ	Ok
11	50 PPM TRPH STD	FG015772.D	29 Apr 2025 18:16	YP\AJ	Ok
12	PB167783BL	FG015773.D	29 Apr 2025 19:15	YP\AJ	Ok
13	PB167783BS	FG015774.D	29 Apr 2025 19:44	YP\AJ	Ok,M
14	Q1877-01	FG015775.D	29 Apr 2025 20:14	YP\AJ	Dilution
15	Q1877-01MS	FG015776.D	29 Apr 2025 20:43	YP\AJ	Ok,M
16	Q1877-01MSD	FG015777.D	29 Apr 2025 21:13	YP\AJ	Ok,M
17	Q1907-01	FG015778.D	29 Apr 2025 21:42	YP\AJ	Ok,M
18	Q1877-01	FG015779.D	29 Apr 2025 22:11	YP\AJ	Ok,M
19	I.BLK	FG015780.D	29 Apr 2025 22:41	YP\AJ	Ok
20	50 PPM TRPH STD	FG015781.D	29 Apr 2025 23:40	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG042425

Review By	yogesh	Review On	4/24/2025 12:59:08 PM
Supervise By	mohammad	Supervise On	4/26/2025 2:19:49 AM
SubDirectory	FG042425	HP Acquire Method	HP Processing Method FG042425
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24468,PP24473		

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG015754.D	24 Apr 2025 09:50		YP\AJ	Ok
2	I.BLK		FG015755.D	24 Apr 2025 10:19		YP\AJ	Ok
3	100 TRPH STD		FG015756.D	24 Apr 2025 10:48		YP\AJ	Ok
4	50 TRPH STD		FG015757.D	24 Apr 2025 11:17		YP\AJ	Ok
5	20 TRPH STD		FG015758.D	24 Apr 2025 11:46		YP\AJ	Ok
6	10 TRPH STD		FG015759.D	24 Apr 2025 12:16		YP\AJ	Ok
7	5 TRPH STD		FG015760.D	24 Apr 2025 12:45		YP\AJ	Ok
8	FG042225ICV		FG015761.D	24 Apr 2025 13:14		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG042925

Review By	yogesh	Review On	4/29/2025 2:41:54 PM
Supervise By	mohammad	Supervise On	5/2/2025 3:03:36 AM
SubDirectory	FG042925	HP Acquire Method	HP Processing Method FG042425

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24469 PP24468,PP24473

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG015762.D	29 Apr 2025 11:55		YP\AJ	Ok
2	I.BLK		FG015763.D	29 Apr 2025 12:24		YP\AJ	Ok
3	50 PPM TRPH STD		FG015764.D	29 Apr 2025 12:53		YP\AJ	Ok
4	RT MARKER		FG015765.D	29 Apr 2025 13:52		YP\AJ	Ok
5	Q1901-02		FG015766.D	29 Apr 2025 14:51		YP\AJ	Ok
6	Q1901-03		FG015767.D	29 Apr 2025 15:20		YP\AJ	Ok
7	Q1901-04		FG015768.D	29 Apr 2025 15:49		YP\AJ	Ok
8	Q1901-05		FG015769.D	29 Apr 2025 16:19		YP\AJ	Ok
9	Q1907-01		FG015770.D	29 Apr 2025 16:48	need 10x dilution	YP\AJ	Dilution
10	I.BLK		FG015771.D	29 Apr 2025 17:17		YP\AJ	Ok
11	50 PPM TRPH STD		FG015772.D	29 Apr 2025 18:16		YP\AJ	Ok
12	PB167783BL		FG015773.D	29 Apr 2025 19:15		YP\AJ	Ok
13	PB167783BS		FG015774.D	29 Apr 2025 19:44		YP\AJ	Ok,M
14	Q1877-01		FG015775.D	29 Apr 2025 20:14	need 10x dilution	YP\AJ	Dilution
15	Q1877-01MS		FG015776.D	29 Apr 2025 20:43		YP\AJ	Ok,M
16	Q1877-01MSD		FG015777.D	29 Apr 2025 21:13		YP\AJ	Ok,M
17	Q1907-01		FG015778.D	29 Apr 2025 21:42		YP\AJ	Ok,M
18	Q1877-01		FG015779.D	29 Apr 2025 22:11		YP\AJ	Ok,M

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG042925

Review By	yogesh	Review On	4/29/2025 2:41:54 PM
Supervise By	mohammad	Supervise On	5/2/2025 3:03:36 AM
SubDirectory	FG042925	HP Acquire Method	HP Processing Method FG042425
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC	PP24469		
Internal Standard/PEM			
ICV/I.BLK	PP24468,PP24473		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	I.BLK		FG015780.D	29 Apr 2025 22:41		YP\AJ	Ok
20	50 PPM TRPH STD		FG015781.D	29 Apr 2025 23:40		YP\AJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/29/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:37
Out Date: 04/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135575

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1872-24	HW0425-PT-SOL-SOIL	8	0.92	10.30	11.22	8.82	76.7	
Q1901-01	B-170-SB00	1	1.14	5.55	6.69	6.28	92.6	
Q1901-02	B-167-SB01	2	1.14	10.22	11.36	9.58	82.6	
Q1901-03	B-170-SB01	3	1.19	10.31	11.5	9.75	83.0	
Q1901-04	B-167-SB02	4	1.15	9.78	10.93	6.35	53.2	
Q1901-05	B-170-SB02	5	1.14	10.16	11.3	8.77	75.1	
Q1902-01	343	6	1.19	10.23	11.42	10.7	93.0	
Q1902-02	343	7	1.13	10.19	11.32	10.33	90.3	
Q1903-01	COMP-4	9	1.18	11.14	12.32	10.46	83.3	
Q1903-02	COMP-5	10	1.16	10.50	11.66	9.44	78.9	
Q1903-03	COMP-6	11	1.17	10.60	11.77	10.06	83.9	
Q1904-01	VNJ-210	12	1.19	10.39	11.58	10.6	90.6	
Q1905-01	MH-G	13	1.15	10.35	11.5	10.38	89.2	
Q1905-02	MH-G-EPH	14	1.16	9.65	10.81	9.71	88.6	
Q1905-03	MH-G-VOC	15	1.16	10.33	11.49	10.36	89.1	
Q1905-05	MH-H	16	1.12	10.03	11.15	10.5	93.5	
Q1905-06	MH-H-EPH	17	1.13	10.30	11.43	10.5	91.0	
Q1905-07	MH-H-VOC	18	1.12	10.03	11.15	10.01	88.6	
Q1906-01	WC-4	19	1.15	9.85	11.00	10.14	91.3	
Q1906-02	WC-4-EPH	20	1.16	9.97	11.13	10.17	90.4	
Q1906-03	WC-4-VOC	21	1.18	9.99	11.17	9.91	87.4	
Q1906-05	WC-5	22	1.16	10.82	11.98	10.19	83.5	
Q1906-06	WC-5-EPH	23	1.13	10.41	11.54	9.94	84.6	
Q1906-07	WC-5-VOC	24	1.18	10.47	11.65	11.63	99.8	
Q1906-09	WC-6	25	1.14	10.04	11.18	10.4	92.2	
Q1906-10	WC-6-EPH	26	1.15	10.77	11.92	10.23	84.3	
Q1906-11	WC-6-VOC	27	1.14	10.47	11.61	10.86	92.8	
Q1906-13	WC-7	28	1.14	10.85	11.99	10.31	84.5	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/29/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:37
Out Date: 04/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135575

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q1906-14	WC-7-EPH	29	1.12	9.86	10.98	9.7	87.0	
Q1906-15	WC-7-VOC	30	1.13	10.27	11.4	10.23	88.6	
Q1907-01	CO-8R-WC	31	1.13	10.26	11.39	9.81	84.6	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

135545

WorkList Name : %1-042825

WorkList ID : 189159

Department : Wet-Chemistry

Date : 04-28-2025 07:59:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1872-24	HW0425-PT-SOL-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	04/21/2025	Chemtech -SO
Q1903-01	COMP-4	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/25/2025	Chemtech -SO
Q1903-02	COMP-5	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/25/2025	Chemtech -SO
Q1903-03	COMP-6	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/25/2025	Chemtech -SO
Q1901-01	B-170-SB00	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1901-02	B-167-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1901-03	B-170-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1901-04	B-167-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1901-05	B-170-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1902-01	343	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1902-02	343	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1904-01	VNJ-210	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1905-01	MH-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1905-02	MH-G-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1905-03	MH-G-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1906-13	WC-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-14	WC-7-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-15	WC-7-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-05	WC-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-06	WC-5-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-07	WC-5-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO

Date/Time 04/28/25 16:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 04/28/25 17:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

Handwritten signature

WorkList Name : %1-042825 WorkList ID : 189159 Department : Wet-Chemistry Date : 04-28-2025 07:59:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1906-09	WC-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-10	WC-6-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-11	WC-6-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1905-05	MH-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1905-06	MH-H-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1905-07	MH-H-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1906-01	WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-02	WC-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-03	WC-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1907-01	CO-8R-WC	Solid	Percent Solids	Cool 4 deg C	WALS01	L51	04/28/2025	Chemtech -SO

Date/Time 04/28/25 16:15
 Raw Sample Received by: *Handwritten signature*
 Raw Sample Relinquished by: *Handwritten signature*

Date/Time 04/28/25 17:30
 Raw Sample Received by: *Handwritten signature*
 Raw Sample Relinquished by: *Handwritten signature*

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: N/A

Extraction Start Date : 04/29/2025

Matrix : Solid

Extraction Start Time : 10:49

Weigh By: EH

Extraction By: RJ

Extraction End Date : 04/29/2025

Balance check: RJ

Filter By: RJ

Extraction End Time : 13:50

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3880

Hood ID: 3,7

Supervisor By : RUPESH

Extraction Method: ☐ Separatory Funnel

☐ Continous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	20 PPM	PP24162
Surrogate	1.0ML	20 PPM	PP24180
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2600
Baked Na2SO4	N/A	EP2607
Sand	N/A	E2865
Methylene Chloride	N/A	E3926
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210673.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

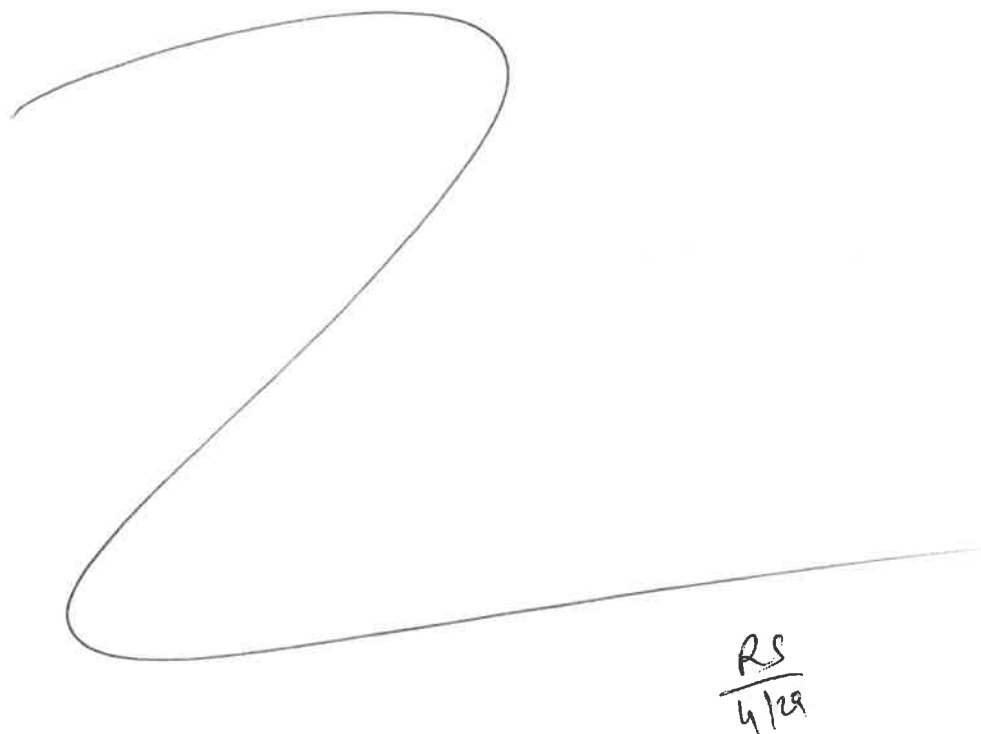
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/29/25	RS (Ext Lab)	T-P. Pugh
13:55	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 04/29/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167783BL	PB167783BL	TPH GC	30.01	N/A	ritesh	Evelyn	1			U2-1
PB167783BS	PB167783BS	TPH GC	30.03	N/A	ritesh	Evelyn	1			2
Q1877-01	AU-6-042425	TPH GC	30.04	N/A	ritesh	Evelyn	1	D		3
Q1877-01MS	AU-6-042425MS	TPH GC	30.09	N/A	ritesh	Evelyn	1	D		4
Q1877-01MS D	AU-6-042425MSD	TPH GC	30.07	N/A	ritesh	Evelyn	1	D		5
Q1901-02	B-167-SB01	TPH GC	30.02	N/A	ritesh	Evelyn	1	F		6
Q1901-03	B-170-SB01	TPH GC	30.08	N/A	ritesh	Evelyn	1	E		U3-1
Q1901-04	B-167-SB02	TPH GC	30.05	N/A	ritesh	Evelyn	1	E		2
Q1901-05	B-170-SB02	TPH GC	30.04	N/A	ritesh	Evelyn	1	E		3
Q1907-01	CO-8R-WC	TPH GC	30.06	N/A	ritesh	Evelyn	1	D		4



16778
584491
57:01

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1877T WorkList ID : 189204 Department : Extraction Date : 04-29-2025 10:42:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1877-01	AU-6-042425	Solid	TPH GC	Cool 4 deg C	PSEG05	L41	04/24/2025	8015D
Q1901-02	B-167-SB01	Solid	TPH GC	Cool 4 deg C	PORT06	L51	04/26/2025	8015D
Q1901-03	B-170-SB01	Solid	TPH GC	Cool 4 deg C	PORT06	L51	04/26/2025	8015D
Q1901-04	B-167-SB02	Solid	TPH GC	Cool 4 deg C	PORT06	L51	04/26/2025	8015D
Q1901-05	B-170-SB02	Solid	TPH GC	Cool 4 deg C	PORT06	L51	04/26/2025	8015D
Q1907-01	CO-8R-WC	Solid	TPH GC	Cool 4 deg C	WALS01	L51	04/28/2025	8015D

Date/Time 4/29/25 10:45
Raw Sample Received by: RJ (EX-66)
Raw Sample Relinquished by: CP 8m

Date/Time 4/29/25 11:05
Raw Sample Received by: CP 8m
Raw Sample Relinquished by: RJ (EX-66)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Walsh Construction
ADDRESS: 150 Clare Rd, 11th Floor
CITY: Little Falls STATE: NJ ZIP: 07424
ATTENTION: Bennie Dion Gokan
PHONE: 646-285-7234 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of Shaft 17B+18B
PROJECT NO.: 220084 LOCATION: Queens, NY
PROJECT MANAGER: Jesse Sylvestri
e-mail: jsylvestri@walshgroup.com
PHONE: 201-681-9740 FAX:

CLIENT BILLING INFORMATION

BILL TO: Walsh Construction PO#:
ADDRESS: 150 Clare Rd, 11th Floor
CITY: Little Falls STATE: NJ ZIP: 07424
ATTENTION: Jesse Sylvestri PHONE: 201-681-9740

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: Standard TAT DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☒ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT _____

1. TCL VOCs (52100)
2. TCL SVOCs (52100)
3. TCL VOCs (52100)
4. TCL SVOCs (52100)
5. TCL VOCs (52100)
6. TCL SVOCs (52100)
7. TCL VOCs (52100)
8. TCL SVOCs (52100)
9. TCL VOCs (52100)
10. TCL SVOCs (52100)

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		F+E	G	G	E	E	F+E	G	E	E	← Specify Preservatives	
																	A-HCl	D-NaOH
1.	CO-0082-WC	Soil	X	X	4/28/25	11:50	25	X	X	X	X	X	X	X	X	X	X	13x 8oz, 1x 4oz
2.																		2x terracore sets
3.																		1x encore set
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>4/28/25 1220</u>	RECEIVED BY: 1. <u>Bennie DG</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.0°C</u>
RELINQUISHED BY SAMPLER: 2. <u>Bennie DG</u>	DATE/TIME: <u>4/28/25 2:00 PM</u>	RECEIVED BY: 2. <u>[Signature]</u> <u>4/28/25</u>	Comments: <u>RCRA Characteristics - Ignitability, Corrosivity, Reactivity (Sulfide & Cyanide)</u>
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>4-28-25</u>	RECEIVED BY: 3. <u>[Signature]</u>	<u>Full analyte list in J. Peterson email on 4/22/25</u> <u>Bottle order # B2504038</u> <u>Temp 3.0°C Adjustment factor +17 IR Gun #1</u>

Page 1 of 1 CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1907	WALS01	Order Date : 4/28/2025 4:13:00 PM	Project Mgr :
Client Name : Walsh Construction Compa		Project Name : Walsh CO-032 Sampling	Report Type : Level 2
Client Contact : Jesse A. Sylvestri		Receive DateTime : 4/28/2025 12:00:00 AM	EDD Type : Excel NY
Invoice Name : Walsh Construction Compa		Purchase Order : 16:10	Hard Copy Date :
Invoice Contact : Jesse A. Sylvestri			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1907-01	CO-8R-WC	Solid	04/28/2025	11:50	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By : [Signature]
Date / Time : 4-28-25 1645

Received By : JC
Date / Time : 4/28/25 1645

Storage Area : VOA Refridgerator Room