

Cover Page

Order ID : Q2868

Project ID : 507 Franklin Ave

Client : Sciacca General Contractors, LLC

Lab Sample Number

Q2868-01
Q2868-02
Q2868-03
Q2868-04
Q2868-05
Q2868-06
Q2868-07

Client Sample Number

WASTE
VOC
1
2
3
4
5

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: 8/27/2025

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 #: Q2868

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: PRADIP PRAJAPATI

Date: 08/27/2025

LAB CHRONICLE

OrderID:	Q2868	OrderDate:	8/14/2025 9:08:00 AM
Client:	Sciacca General Contractors, LLC	Project:	507 Franklin Ave
Contact:	Rosanne Scirica	Location:	J23,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2868-01	WASTE	SOIL	TPH GC	8015D	08/12/25	08/25/25	08/26/25	08/13/25
Q2868-03	1	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/20/25	08/13/25
Q2868-03DL	1DL	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/21/25	08/13/25
Q2868-04	2	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/20/25	08/13/25
Q2868-04DL	2DL	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/21/25	08/13/25
Q2868-05	3	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/20/25	08/13/25
Q2868-05DL	3DL	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/21/25	08/13/25
Q2868-06	4	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/20/25	08/13/25
Q2868-06DL	4DL	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/21/25	08/13/25
Q2868-07	5	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/20/25	08/13/25
			EPH_F2	NJEPH		08/20/25	08/21/25	



QC SUMMARY

SOIL TPH GC SURROGATE RECOVERY

Lab Name: Alliance

Client: Sciacca General Contractors, LLC

Lab Code: ACE

SDG No.: Q2868

CLIENT ID	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FG016365.D	96				0
PIBLK-FG016377.D	88				0
PIBLK-FG016379.D	91				0
PIBLK-FG016385.D	109				0
PIBLK-FG016388.D	98				0
PIBLK-FG016392.D	92				0
PB169373BL	94				0
PB169373BS	110				0
WASTE	0 *				1
WASTEMS	366 *				1
WASTEMSD	357 *				1

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: Alliance

Client: Sciacca General Contractors, LLC

Lab Code: ACE

SDG No: Q2868

Client Sample ID : WASTEMS

Datafile: FG016382.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
Petroleum Hydrocarbons	12123	809000	749000	-495%	*	68-131

SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Sciacca General Contractors, LLC</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2868</u>
Client Sample ID :	<u>WASTEMSD</u>	Datafile:	<u>FG016383.D</u>

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
Petroleum Hydrocarbons	12115	809000	731000	-644%	*	68-131

MS/MSD % Recovery RPD : 26.2

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

Lab Name: Alliance

Client: Sciacca General Contractors, LLC

Lab Code: ACE

SDG No: Q2868

Client Sample ID : PB169373BS

Datafile: FG016369.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
Petroleum Hydrocarbons	11330	0	10943	97	68-131

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB169373BL

Lab Name: Alliance

Contract: SCIA01

Lab Code: ACE

SDG NO.: Q2868

Lab File ID: FG016368.D

Lab Sample ID: PB169373BL

Instrument ID: FG

Date Extracted: 08/25/2025

Matrix: (soil/water) Soil

Date Analyzed: 08/25/25

Level: (low/med) low

Time Analyzed: 13:09

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

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169373BS	PB169373BS	FG016369.D	08/25/25
WASTEMS	Q2868-01MS	FG016382.D	08/25/25
WASTEMSD	Q2868-01MSD	FG016383.D	08/25/25
WASTE	Q2868-01	FG016391.D	08/26/25

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	WASTE	SDG No.:	Q2868
Lab Sample ID:	Q2868-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	93.3
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		Test:	TPH GC
Prep Method :	SW3541	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016391.D	50	08/25/25 09:24	08/26/25 10:38	PB169373

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	792000		20500	152000	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	0.00	*	37 - 130	0%	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\FG082625\
Data File : FG016391.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 10:38
Operator : YP\AJ
Sample : Q2868-01 50X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 27 04:14:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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			
Target Compounds			

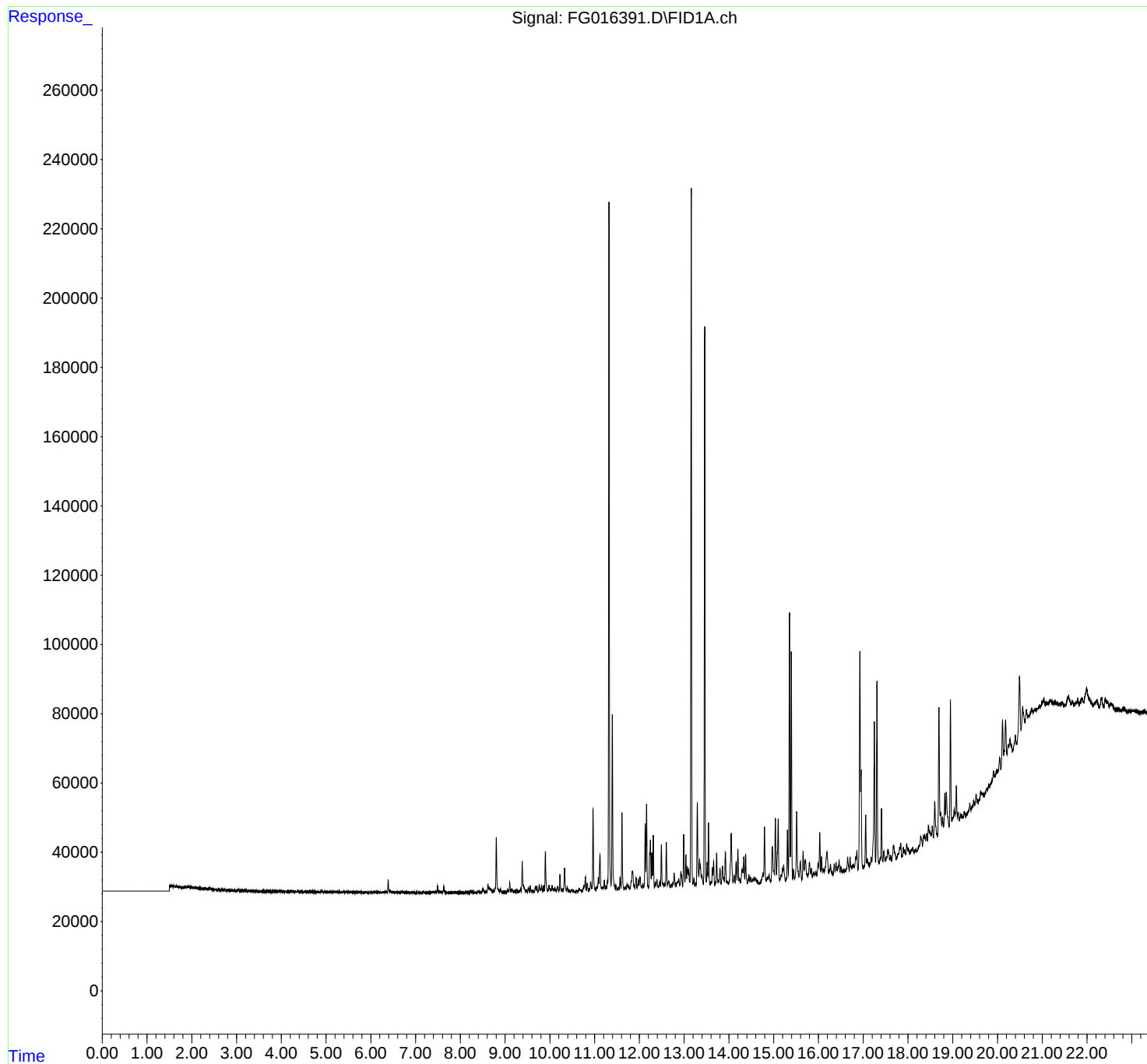
(f)=RT Delta > 1/2 Window

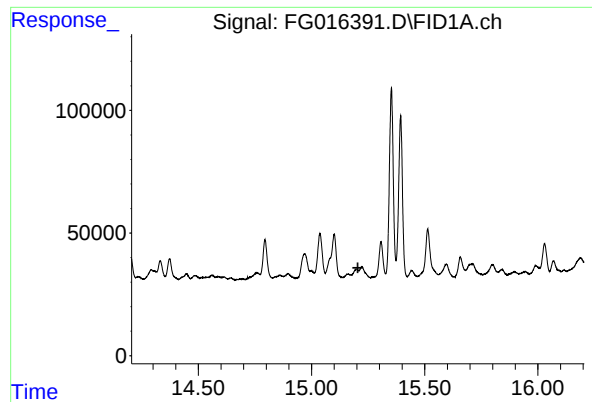
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
Data File : FG016391.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 10:38
Operator : YP\AJ
Sample : Q2868-01 50X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 27 04:14:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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.: 0.000 min
Exp R.T.: 15.205 min
Response: 0
Conc: N.D.

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
Data File : FG016391.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 10:38
Sample : Q2868-01 50X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.022	2.006	2.029	BV	86	156	0.01%	0.000%
2	2.037	2.029	2.042	PV	162	697	0.03%	0.002%
3	2.049	2.042	2.080	VV	165	2062	0.09%	0.005%
4	2.093	2.080	2.104	VV	136	1445	0.06%	0.003%
5	2.110	2.104	2.133	VV	149	1631	0.07%	0.004%
6	2.136	2.133	2.143	VV	89	416	0.02%	0.001%
7	2.146	2.143	2.152	VV	73	386	0.02%	0.001%
8	2.162	2.152	2.169	VV	180	915	0.04%	0.002%
9	2.185	2.169	2.258	PV	173	3933	0.17%	0.009%
10	2.266	2.258	2.277	VV	141	733	0.03%	0.002%
11	2.280	2.277	2.286	VV	74	395	0.02%	0.001%
12	2.290	2.286	2.294	VV	90	409	0.02%	0.001%
13	2.308	2.294	2.363	VV	180	4276	0.19%	0.010%
14	2.374	2.363	2.380	VV	118	688	0.03%	0.002%
15	2.398	2.380	2.438	VV	557	8547	0.37%	0.019%
16	2.443	2.438	2.485	VV	149	2314	0.10%	0.005%
17	2.492	2.485	2.505	VV	116	805	0.03%	0.002%
18	2.515	2.505	2.520	PV	139	555	0.02%	0.001%
19	2.525	2.520	2.537	VV	123	628	0.03%	0.001%
20	2.542	2.537	2.554	VV	94	553	0.02%	0.001%
21	2.564	2.554	2.588	VV	133	1387	0.06%	0.003%
22	2.593	2.588	2.603	VV	87	508	0.02%	0.001%
23	2.608	2.603	2.613	VV	107	430	0.02%	0.001%
24	2.625	2.613	2.642	VV	151	1299	0.06%	0.003%
25	2.645	2.642	2.660	VV	135	807	0.03%	0.002%
26	2.665	2.660	2.687	VV	133	1574	0.07%	0.004%
27	2.698	2.687	2.704	PV	154	1220	0.05%	0.003%
28	2.707	2.704	2.715	VV	178	797	0.03%	0.002%
29	2.728	2.715	2.734	VV	213	1956	0.08%	0.004%
30	2.738	2.734	2.744	VV	196	1017	0.04%	0.002%
31	2.748	2.744	2.776	VV	148	2021	0.09%	0.005%
32	2.783	2.776	2.792	VV	178	828	0.04%	0.002%
33	2.796	2.792	2.808	PV	168	1058	0.05%	0.002%
34	2.825	2.808	2.831	VV	185	1619	0.07%	0.004%
35	2.834	2.831	2.838	VV	166	543	0.02%	0.001%
36	2.842	2.838	2.869	VV	146	2144	0.09%	0.005%

					rteres			
37	2.876	2.869	2.893	VV	153	1453	0.06%	0.003%
38	2.896	2.893	2.938	VV	126	1697	0.07%	0.004%
39	2.943	2.938	2.973	VV	143	1682	0.07%	0.004%
40	2.983	2.973	2.996	VV	128	1092	0.05%	0.002%
41	3.001	2.996	3.013	PV	65	562	0.02%	0.001%
42	3.038	3.013	3.073	VV	291	6002	0.26%	0.014%
43	3.085	3.073	3.104	VV	116	1501	0.07%	0.003%
44	3.110	3.104	3.117	VV	90	488	0.02%	0.001%
45	3.140	3.117	3.150	VV	503	2076	0.09%	0.005%
46	3.154	3.150	3.166	VV	132	997	0.04%	0.002%
47	3.172	3.166	3.193	VV	158	1449	0.06%	0.003%
48	3.194	3.193	3.198	VV	131	247	0.01%	0.001%
49	3.205	3.198	3.218	VV	116	1035	0.04%	0.002%
50	3.223	3.218	3.227	PV	129	531	0.02%	0.001%
51	3.256	3.227	3.284	VV	147	2621	0.11%	0.006%
52	3.294	3.284	3.310	VV	152	1433	0.06%	0.003%
53	3.323	3.310	3.339	VV	130	1365	0.06%	0.003%
54	3.347	3.339	3.364	VV	122	1020	0.04%	0.002%
55	3.370	3.364	3.383	VV	94	753	0.03%	0.002%
56	3.401	3.383	3.434	VV	140	2832	0.12%	0.006%
57	3.439	3.434	3.447	VV	156	883	0.04%	0.002%
58	3.453	3.447	3.477	VV	137	1392	0.06%	0.003%
59	3.508	3.477	3.536	VV	159	3403	0.15%	0.008%
60	3.543	3.536	3.561	VV	164	1414	0.06%	0.003%
61	3.563	3.561	3.567	VV	101	332	0.01%	0.001%
62	3.575	3.567	3.580	VV	129	597	0.03%	0.001%
63	3.593	3.580	3.602	VV	134	1269	0.06%	0.003%
64	3.605	3.602	3.609	VV	132	439	0.02%	0.001%
65	3.619	3.609	3.626	VV	157	1060	0.05%	0.002%
66	3.630	3.626	3.640	VV	159	830	0.04%	0.002%
67	3.645	3.640	3.657	VV	78	651	0.03%	0.001%
68	3.658	3.657	3.661	VV	124	162	0.01%	0.000%
69	3.665	3.661	3.681	PV	132	1009	0.04%	0.002%
70	3.692	3.681	3.716	VV	146	1950	0.08%	0.004%
71	3.720	3.716	3.726	VV	140	534	0.02%	0.001%
72	3.731	3.726	3.749	VV	144	1349	0.06%	0.003%
73	3.752	3.749	3.774	VV	139	1275	0.06%	0.003%
74	3.777	3.774	3.797	VV	141	1058	0.05%	0.002%
75	3.806	3.797	3.830	VV	117	1448	0.06%	0.003%
76	3.849	3.830	3.899	VV	158	4043	0.18%	0.009%
77	3.902	3.899	3.907	VV	112	540	0.02%	0.001%
78	3.908	3.907	3.923	VV	151	826	0.04%	0.002%
79	3.943	3.923	3.958	VV	112	1607	0.07%	0.004%
80	3.964	3.958	3.969	VV	143	581	0.03%	0.001%
81	3.982	3.969	4.007	VV	192	3111	0.13%	0.007%
82	4.015	4.007	4.036	VV	130	1551	0.07%	0.004%
83	4.046	4.036	4.057	VV	115	1059	0.05%	0.002%
84	4.059	4.057	4.084	VV	92	1066	0.05%	0.002%
85	4.089	4.084	4.105	VV	102	817	0.04%	0.002%
86	4.111	4.105	4.130	VV	61	519	0.02%	0.001%
87	4.135	4.130	4.172	VV	67	1249	0.05%	0.003%
88	4.202	4.172	4.209	VV	176	2290	0.10%	0.005%
89	4.211	4.209	4.227	VV	223	1725	0.07%	0.004%

					rteres			
90	4.236	4.227	4.247	VV	199	1610	0.07%	0.004%
91	4.258	4.247	4.288	VV	173	2714	0.12%	0.006%
92	4.293	4.288	4.305	VV	140	935	0.04%	0.002%
93	4.316	4.305	4.348	VV	172	2706	0.12%	0.006%
94	4.364	4.348	4.405	VV	251	5478	0.24%	0.012%
95	4.409	4.405	4.419	VV	190	1157	0.05%	0.003%
96	4.428	4.419	4.439	VV	187	1632	0.07%	0.004%
97	4.457	4.439	4.462	VV	155	1789	0.08%	0.004%
98	4.474	4.462	4.485	VV	202	1756	0.08%	0.004%
99	4.496	4.485	4.520	VV	161	2127	0.09%	0.005%
100	4.530	4.520	4.547	PV	98	1000	0.04%	0.002%
101	4.569	4.547	4.575	VV	129	1284	0.06%	0.003%
102	4.579	4.575	4.584	VV	82	387	0.02%	0.001%
103	4.594	4.584	4.619	VV	144	2061	0.09%	0.005%
104	4.623	4.619	4.634	VV	132	739	0.03%	0.002%
105	4.642	4.634	4.649	VV	92	617	0.03%	0.001%
106	4.659	4.649	4.687	VV	169	1965	0.09%	0.004%
107	4.701	4.687	4.719	VV	176	2337	0.10%	0.005%
108	4.729	4.719	4.759	VV	157	2691	0.12%	0.006%
109	4.763	4.759	4.775	VV	132	973	0.04%	0.002%
110	4.790	4.775	4.828	VV	154	3152	0.14%	0.007%
111	4.833	4.828	4.838	PV	91	335	0.01%	0.001%
112	4.840	4.838	4.847	VV	37	191	0.01%	0.000%
113	4.896	4.847	4.919	VV	452	6956	0.30%	0.016%
114	4.924	4.919	4.960	VV	161	2601	0.11%	0.006%
115	4.979	4.960	5.019	VV	163	3382	0.15%	0.008%
116	5.023	5.019	5.030	VV	144	658	0.03%	0.001%
117	5.036	5.030	5.054	VV	115	1574	0.07%	0.004%
118	5.058	5.054	5.070	VV	141	1091	0.05%	0.002%
119	5.076	5.070	5.099	VV	131	1659	0.07%	0.004%
120	5.113	5.099	5.119	VV	156	1240	0.05%	0.003%
121	5.124	5.119	5.143	VV	150	1335	0.06%	0.003%
122	5.170	5.143	5.207	VV	176	5012	0.22%	0.011%
123	5.215	5.207	5.221	VV	141	882	0.04%	0.002%
124	5.224	5.221	5.234	VV	115	610	0.03%	0.001%
125	5.248	5.234	5.274	VV	163	2778	0.12%	0.006%
126	5.280	5.274	5.287	VV	111	840	0.04%	0.002%
127	5.292	5.287	5.299	VV	220	1103	0.05%	0.003%
128	5.302	5.299	5.313	VV	185	1338	0.06%	0.003%
129	5.326	5.313	5.337	VV	170	1812	0.08%	0.004%
130	5.342	5.337	5.354	VV	111	960	0.04%	0.002%
131	5.363	5.354	5.382	VV	171	2186	0.09%	0.005%
132	5.386	5.382	5.390	VV	160	653	0.03%	0.001%
133	5.398	5.390	5.419	VV	174	2101	0.09%	0.005%
134	5.424	5.419	5.429	VV	128	718	0.03%	0.002%
135	5.433	5.429	5.445	VV	135	974	0.04%	0.002%
136	5.470	5.445	5.487	VV	335	4498	0.20%	0.010%
137	5.492	5.487	5.519	VV	133	1907	0.08%	0.004%
138	5.522	5.519	5.527	VV	114	379	0.02%	0.001%
139	5.535	5.527	5.542	VV	97	758	0.03%	0.002%
140	5.578	5.542	5.587	VV	168	3314	0.14%	0.008%
141	5.592	5.587	5.598	VV	135	723	0.03%	0.002%

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142	5.616	5.598	5.670	VV	164	4409	0.19%	0.010%
143	5.682	5.670	5.710	VV	174	2944	0.13%	0.007%
144	5.713	5.710	5.737	VV	172	1868	0.08%	0.004%
145	5.753	5.737	5.794	VV	177	3127	0.14%	0.007%
146	5.810	5.794	5.827	VV	138	1928	0.08%	0.004%
147	5.856	5.827	5.929	VV	167	5998	0.26%	0.014%
148	5.935	5.929	5.963	VV	111	1483	0.06%	0.003%
149	6.012	5.963	6.027	VV	144	3214	0.14%	0.007%
150	6.084	6.027	6.110	PV	229	6607	0.29%	0.015%
151	6.128	6.110	6.192	VV	346	8225	0.36%	0.019%
152	6.202	6.192	6.260	VV	186	4141	0.18%	0.009%
153	6.284	6.260	6.313	VV	311	6266	0.27%	0.014%
154	6.322	6.313	6.367	VV	260	6269	0.27%	0.014%
155	6.388	6.367	6.425	VV	3776	44556	1.93%	0.101%
156	6.439	6.425	6.474	VV	421	8904	0.39%	0.020%
157	6.487	6.474	6.519	VV	249	5157	0.22%	0.012%
158	6.522	6.519	6.529	VV	238	1134	0.05%	0.003%
159	6.537	6.529	6.581	VV	236	4966	0.22%	0.011%
160	6.593	6.581	6.600	VV	175	1660	0.07%	0.004%
161	6.608	6.600	6.627	VV	186	2585	0.11%	0.006%
162	6.636	6.627	6.665	VV	197	3628	0.16%	0.008%
163	6.677	6.665	6.719	VV	217	5190	0.23%	0.012%
164	6.729	6.719	6.757	VV	194	3385	0.15%	0.008%
165	6.761	6.757	6.780	VV	201	2352	0.10%	0.005%
166	6.790	6.780	6.820	VV	234	3501	0.15%	0.008%
167	6.844	6.820	6.952	VV	243	9256	0.40%	0.021%
168	6.959	6.952	6.970	VV	153	1014	0.04%	0.002%
169	6.977	6.970	7.015	VV	106	2167	0.09%	0.005%
170	7.024	7.015	7.032	PV	118	632	0.03%	0.001%
171	7.050	7.032	7.077	VV	171	3130	0.14%	0.007%
172	7.085	7.077	7.099	VV	128	1217	0.05%	0.003%
173	7.100	7.099	7.108	VV	116	475	0.02%	0.001%
174	7.121	7.108	7.147	VV	128	1986	0.09%	0.005%
175	7.174	7.147	7.225	VV	351	7957	0.34%	0.018%
176	7.248	7.225	7.324	VV	202	7893	0.34%	0.018%
177	7.354	7.324	7.369	VV	180	3368	0.15%	0.008%
178	7.393	7.369	7.412	VV	314	6198	0.27%	0.014%
179	7.439	7.412	7.465	VV	340	8584	0.37%	0.019%
180	7.491	7.465	7.535	VV	2071	31237	1.35%	0.071%
181	7.543	7.535	7.607	VV	414	11435	0.50%	0.026%
182	7.630	7.607	7.700	VV	1999	28246	1.22%	0.064%
183	7.707	7.700	7.743	VV	164	2956	0.13%	0.007%
184	7.750	7.743	7.761	VV	113	1053	0.05%	0.002%
185	7.772	7.761	7.795	VV	113	1783	0.08%	0.004%
186	7.797	7.795	7.830	VV	130	1270	0.06%	0.003%
187	7.866	7.830	7.890	VV	170	3084	0.13%	0.007%
188	7.934	7.890	7.950	VV	132	3292	0.14%	0.007%
189	7.958	7.950	7.969	VV	170	1027	0.04%	0.002%
190	7.986	7.969	8.018	VV	210	3649	0.16%	0.008%
191	8.031	8.018	8.070	VV	102	2366	0.10%	0.005%
192	8.093	8.070	8.119	VV	183	2827	0.12%	0.006%
193	8.134	8.119	8.155	VV	197	2717	0.12%	0.006%
194	8.159	8.155	8.200	VV	129	2080	0.09%	0.005%

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195	8.237	8.200	8.322	PV	664	18115	0.79%	0.041%
196	8.338	8.322	8.353	VV	177	2146	0.09%	0.005%
197	8.399	8.353	8.455	VV	377	12534	0.54%	0.028%
198	8.469	8.455	8.479	VV	272	3094	0.13%	0.007%
199	8.511	8.479	8.552	VV	1005	25296	1.10%	0.057%
200	8.569	8.552	8.590	VV	376	6651	0.29%	0.015%
201	8.617	8.590	8.632	VV	2443	31581	1.37%	0.072%
202	8.645	8.632	8.659	VV	1715	21300	0.92%	0.048%
203	8.672	8.659	8.714	VV	1242	25271	1.10%	0.057%
204	8.732	8.714	8.751	VV	510	8890	0.39%	0.020%
205	8.804	8.751	8.879	VV	15950	233145	10.11%	0.530%
206	8.895	8.879	8.970	VV	973	17763	0.77%	0.040%
207	9.012	8.970	9.033	VV	174	4075	0.18%	0.009%
208	9.056	9.033	9.081	PV	1116	14290	0.62%	0.032%
209	9.104	9.081	9.129	VV	2916	34808	1.51%	0.079%
210	9.150	9.129	9.200	VV	1117	21099	0.91%	0.048%
211	9.221	9.200	9.240	VV	513	8560	0.37%	0.019%
212	9.254	9.240	9.302	VV	605	13376	0.58%	0.030%
213	9.347	9.302	9.360	VV	946	17154	0.74%	0.039%
214	9.383	9.360	9.465	VV	8729	149309	6.47%	0.339%
215	9.471	9.465	9.500	VV	545	8087	0.35%	0.018%
216	9.520	9.500	9.544	VV	1449	20514	0.89%	0.047%
217	9.561	9.544	9.602	VV	1839	27145	1.18%	0.062%
218	9.620	9.602	9.645	VV	550	8570	0.37%	0.019%
219	9.678	9.645	9.695	VV	1881	26488	1.15%	0.060%
220	9.711	9.695	9.735	VV	1761	21800	0.95%	0.050%
221	9.763	9.735	9.784	VV	2274	31041	1.35%	0.071%
222	9.816	9.784	9.838	VV	1905	30877	1.34%	0.070%
223	9.859	9.838	9.876	VV	1871	23412	1.02%	0.053%
224	9.900	9.876	9.956	VV	11554	163213	7.08%	0.371%
225	9.980	9.956	10.013	VV	2058	37346	1.62%	0.085%
226	10.022	10.013	10.029	VV	678	5754	0.25%	0.013%
227	10.049	10.029	10.069	VV	1815	28507	1.24%	0.065%
228	10.079	10.069	10.093	VV	770	9719	0.42%	0.022%
229	10.112	10.093	10.144	VV	1165	20611	0.89%	0.047%
230	10.177	10.144	10.201	VV	1469	31770	1.38%	0.072%
231	10.225	10.201	10.255	VV	5046	65121	2.82%	0.148%
232	10.274	10.255	10.295	VV	815	15907	0.69%	0.036%
233	10.327	10.295	10.374	VV	6969	110984	4.81%	0.252%
234	10.390	10.374	10.450	VV	1306	25975	1.13%	0.059%
235	10.492	10.450	10.517	VV	604	13732	0.60%	0.031%
236	10.527	10.517	10.551	VV	262	3367	0.15%	0.008%
237	10.572	10.551	10.585	PV	76	1282	0.06%	0.003%
238	10.600	10.585	10.631	VV	217	4259	0.18%	0.010%
239	10.654	10.631	10.719	PV	1024	23076	1.00%	0.052%
240	10.763	10.719	10.775	VV	1837	32294	1.40%	0.073%
241	10.793	10.775	10.817	VV	4201	55482	2.41%	0.126%
242	10.834	10.817	10.867	VV	2236	31235	1.35%	0.071%
243	10.911	10.867	10.939	VV	2727	49281	2.14%	0.112%
244	10.964	10.939	11.016	VV	23579	290704	12.60%	0.660%
245	11.052	11.016	11.060	VV	1031	18175	0.79%	0.041%
246	11.082	11.060	11.094	VV	3843	48936	2.12%	0.111%

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247	11.118	11.094	11.159	VV	10516	172050	7.46%	0.391%
248	11.186	11.159	11.199	VV	976	18804	0.82%	0.043%
249	11.216	11.199	11.235	VV	3015	37490	1.63%	0.085%
250	11.247	11.235	11.268	VV	984	16250	0.70%	0.037%
251	11.320	11.268	11.367	VV	198033	2263062	98.11%	5.140%
252	11.395	11.367	11.459	VV	50653	627990	27.23%	1.426%
253	11.474	11.459	11.506	VV	1489	22128	0.96%	0.050%
254	11.528	11.506	11.546	VV	781	10512	0.46%	0.024%
255	11.567	11.546	11.587	VV	3544	42185	1.83%	0.096%
256	11.611	11.587	11.655	VV	22086	260222	11.28%	0.591%
257	11.688	11.655	11.704	VV	682	12870	0.56%	0.029%
258	11.725	11.704	11.744	VV	1538	25633	1.11%	0.058%
259	11.753	11.744	11.794	VV	833	17960	0.78%	0.041%
260	11.840	11.794	11.875	VV	5083	141824	6.15%	0.322%
261	11.884	11.875	11.900	VV	1137	12049	0.52%	0.027%
262	11.926	11.900	11.949	VV	3303	50352	2.18%	0.114%
263	11.978	11.949	11.992	VV	2758	39893	1.73%	0.091%
264	12.016	11.992	12.062	VV	3287	65141	2.82%	0.148%
265	12.079	12.062	12.097	VV	1525	18782	0.81%	0.043%
266	12.130	12.097	12.144	VV	18615	215011	9.32%	0.488%
267	12.160	12.144	12.202	VV	24520	288738	12.52%	0.656%
268	12.245	12.202	12.263	VV	13986	263350	11.42%	0.598%
269	12.279	12.263	12.293	VV	10308	121131	5.25%	0.275%
270	12.310	12.293	12.337	VV	15443	186549	8.09%	0.424%
271	12.355	12.337	12.370	VV	1814	21605	0.94%	0.049%
272	12.392	12.370	12.425	VV	2504	40855	1.77%	0.093%
273	12.453	12.425	12.469	VV	1835	27016	1.17%	0.061%
274	12.492	12.469	12.550	VV	12611	170385	7.39%	0.387%
275	12.565	12.550	12.579	VV	1272	14983	0.65%	0.034%
276	12.602	12.579	12.627	VV	13135	154224	6.69%	0.350%
277	12.658	12.627	12.682	VV	1617	38516	1.67%	0.087%
278	12.716	12.682	12.730	VV	711	15802	0.69%	0.036%
279	12.777	12.730	12.825	VV	4185	88480	3.84%	0.201%
280	12.879	12.825	12.907	VV	2536	67416	2.92%	0.153%
281	12.928	12.907	12.966	VV	4523	83602	3.62%	0.190%
282	12.990	12.966	13.019	VV	15148	197458	8.56%	0.449%
283	13.039	13.019	13.057	VV	9231	118087	5.12%	0.268%
284	13.073	13.057	13.090	VV	5604	89100	3.86%	0.202%
285	13.102	13.090	13.127	VV	5016	70093	3.04%	0.159%
286	13.159	13.127	13.199	VV	200981	2306542	100.00%	5.239%
287	13.219	13.199	13.239	VV	2363	31370	1.36%	0.071%
288	13.255	13.239	13.269	VV	844	10422	0.45%	0.024%
289	13.295	13.269	13.326	VV	24269	332333	14.41%	0.755%
290	13.346	13.326	13.357	VV	7683	101912	4.42%	0.231%
291	13.365	13.357	13.385	VV	6029	73820	3.20%	0.168%
292	13.398	13.385	13.430	VV	3084	53168	2.31%	0.121%
293	13.460	13.430	13.495	VV	162120	1786503	77.45%	4.058%
294	13.515	13.495	13.527	VV	6921	78902	3.42%	0.179%
295	13.545	13.527	13.577	VV	18173	214267	9.29%	0.487%
296	13.600	13.577	13.611	VV	1097	17092	0.74%	0.039%
297	13.632	13.611	13.643	VV	5216	59734	2.59%	0.136%
298	13.658	13.643	13.684	VV	7041	91946	3.99%	0.209%
299	13.727	13.684	13.751	VV	9388	122520	5.31%	0.278%

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300	13.762	13.751	13.775	VV	1478	18158	0.79%	0.041%
301	13.802	13.775	13.826	VV	4888	77164	3.35%	0.175%
302	13.857	13.826	13.897	VV	5494	111175	4.82%	0.253%
303	13.921	13.897	13.949	VV	9598	143076	6.20%	0.325%
304	13.958	13.949	13.992	VV	905	18082	0.78%	0.041%
305	14.051	13.992	14.092	VV	14836	312489	13.55%	0.710%
306	14.117	14.092	14.139	VV	2697	47088	2.04%	0.107%
307	14.160	14.139	14.180	VV	6497	92349	4.00%	0.210%
308	14.201	14.180	14.224	VV	10184	131348	5.69%	0.298%
309	14.234	14.224	14.258	VV	1555	23389	1.01%	0.053%
310	14.293	14.258	14.314	VV	4427	95057	4.12%	0.216%
311	14.332	14.314	14.353	VV	8046	113866	4.94%	0.259%
312	14.373	14.353	14.412	VV	8793	123855	5.37%	0.281%
313	14.448	14.412	14.466	VV	2617	45437	1.97%	0.103%
314	14.486	14.466	14.507	VV	1888	32483	1.41%	0.074%
315	14.561	14.507	14.576	VV	1984	52522	2.28%	0.119%
316	14.587	14.576	14.602	VV	1472	19962	0.87%	0.045%
317	14.613	14.602	14.630	VV	1259	15808	0.69%	0.036%
318	14.642	14.630	14.667	VV	840	9406	0.41%	0.021%
319	14.697	14.667	14.710	PV	356	5914	0.26%	0.013%
320	14.760	14.710	14.772	VV	2768	59728	2.59%	0.136%
321	14.794	14.772	14.827	VV	16198	216770	9.40%	0.492%
322	14.861	14.827	14.877	VV	1575	35187	1.53%	0.080%
323	14.896	14.877	14.929	VV	2314	41287	1.79%	0.094%
324	14.969	14.929	15.012	VV	10315	227415	9.86%	0.517%
325	15.037	15.012	15.060	VV	18445	269788	11.70%	0.613%
326	15.100	15.060	15.139	VV	18136	322881	14.00%	0.733%
327	15.161	15.139	15.177	VV	1726	29189	1.27%	0.066%
328	15.198	15.177	15.208	VV	3738	53380	2.31%	0.121%
329	15.222	15.208	15.261	VV	4777	78341	3.40%	0.178%
330	15.307	15.261	15.327	VV	14725	185175	8.03%	0.421%
331	15.353	15.327	15.373	VV	77139	927130	40.20%	2.106%
332	15.394	15.373	15.423	VV	65718	777915	33.73%	1.767%
333	15.443	15.423	15.467	VV	2840	40369	1.75%	0.092%
334	15.514	15.467	15.560	VV	19714	316293	13.71%	0.718%
335	15.595	15.560	15.630	VV	5214	99665	4.32%	0.226%
336	15.658	15.630	15.682	PV	8061	118290	5.13%	0.269%
337	15.710	15.682	15.755	VV	4993	134644	5.84%	0.306%
338	15.799	15.755	15.824	VV	4694	97737	4.24%	0.222%
339	15.841	15.824	15.865	VV	2584	41041	1.78%	0.093%
340	15.895	15.865	15.920	VV	1582	32789	1.42%	0.074%
341	15.944	15.920	15.963	VV	1603	27910	1.21%	0.063%
342	15.991	15.963	16.009	VV	3965	67266	2.92%	0.153%
343	16.030	16.009	16.052	VV	12785	177059	7.68%	0.402%
344	16.069	16.052	16.103	VV	5611	93487	4.05%	0.212%
345	16.116	16.103	16.127	VV	1832	21575	0.94%	0.049%
346	16.188	16.127	16.227	VV	6577	213273	9.25%	0.484%
347	16.269	16.227	16.329	VV	3092	70989	3.08%	0.161%
348	16.353	16.329	16.372	PV	2995	39648	1.72%	0.090%
349	16.394	16.372	16.414	VV	3155	48453	2.10%	0.110%
350	16.462	16.414	16.483	VV	3666	79317	3.44%	0.180%
351	16.500	16.483	16.544	VV	1690	28805	1.25%	0.065%

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352	16.561	16.544	16.579	VV	595	7298	0.32%	0.017%
353	16.594	16.579	16.609	VV	720	7358	0.32%	0.017%
354	16.654	16.609	16.688	VV	4248	82367	3.57%	0.187%
355	16.708	16.688	16.729	VV	4063	52542	2.28%	0.119%
356	16.739	16.729	16.751	VV	1276	14542	0.63%	0.033%
357	16.766	16.751	16.797	VV	1589	35268	1.53%	0.080%
358	16.832	16.797	16.842	VV	3805	61833	2.68%	0.140%
359	16.858	16.842	16.882	VV	5380	71861	3.12%	0.163%
360	16.926	16.882	16.995	PV	62220	1230550	53.35%	2.795%
361	17.056	16.995	17.079	VV	14923	195288	8.47%	0.444%
362	17.091	17.079	17.132	VV	2498	42566	1.85%	0.097%
363	17.178	17.132	17.192	VV	2544	40775	1.77%	0.093%
364	17.249	17.192	17.277	VV	41021	637961	27.66%	1.449%
365	17.308	17.277	17.359	VV	53082	692897	30.04%	1.574%
366	17.410	17.359	17.437	VV	15482	212970	9.23%	0.484%
367	17.461	17.437	17.495	VV	3344	56178	2.44%	0.128%
368	17.551	17.495	17.593	VV	3329	103470	4.49%	0.235%
369	17.613	17.593	17.633	VV	1404	18767	0.81%	0.043%
370	17.677	17.633	17.739	PV	4247	123144	5.34%	0.280%
371	17.814	17.739	17.825	PV	3287	78687	3.41%	0.179%
372	17.839	17.825	17.870	VV	4237	57842	2.51%	0.131%
373	17.899	17.870	17.914	VV	2633	35698	1.55%	0.081%
374	17.926	17.914	17.947	VV	1925	24854	1.08%	0.056%
375	17.973	17.947	17.999	VV	3431	61562	2.67%	0.140%
376	18.007	17.999	18.054	VV	1620	31900	1.38%	0.072%
377	18.098	18.054	18.136	VV	1483	44310	1.92%	0.101%
378	18.162	18.136	18.202	VV	663	13966	0.61%	0.032%
379	18.286	18.202	18.325	PV	3411	115327	5.00%	0.262%
380	18.350	18.325	18.362	VV	2986	45195	1.96%	0.103%
381	18.372	18.362	18.394	VV	3120	46112	2.00%	0.105%
382	18.414	18.394	18.435	VV	3165	54395	2.36%	0.124%
383	18.457	18.435	18.477	VV	5191	89584	3.88%	0.203%
384	18.486	18.477	18.524	VV	3140	68855	2.99%	0.156%
385	18.543	18.524	18.565	VV	4136	62565	2.71%	0.142%
386	18.598	18.565	18.657	VV	10627	204530	8.87%	0.465%
387	18.692	18.657	18.717	VV	36964	535087	23.20%	1.215%
388	18.727	18.717	18.755	VV	6260	110807	4.80%	0.252%
389	18.774	18.755	18.795	VV	4561	71996	3.12%	0.164%
390	18.823	18.795	18.838	VV	10974	152401	6.61%	0.346%
391	18.856	18.838	18.917	VV	10942	246282	10.68%	0.559%
392	18.949	18.917	18.978	VV	36324	474519	20.57%	1.078%
393	19.031	18.978	19.049	VV	4391	110677	4.80%	0.251%
394	19.081	19.049	19.105	VV	10555	170484	7.39%	0.387%
395	19.122	19.105	19.150	VV	2652	41020	1.78%	0.093%
396	19.177	19.150	19.195	VV	1422	21644	0.94%	0.049%
397	19.213	19.195	19.235	VV	484	8669	0.38%	0.020%
398	19.260	19.235	19.282	VV	1437	21073	0.91%	0.048%
399	19.381	19.282	19.402	PV	2779	55190	2.39%	0.125%
400	19.431	19.402	19.444	VV	1349	24803	1.08%	0.056%
401	19.468	19.444	19.485	VV	2613	43997	1.91%	0.100%
402	19.522	19.485	19.546	VV	4041	87505	3.79%	0.199%
403	19.558	19.546	19.574	VV	1843	26405	1.14%	0.060%
404	19.629	19.574	19.647	VV	3558	100466	4.36%	0.228%

						rteres		
405	19.665	19.647	19.687	VV	2869	59343	2.57%	0.135%
406	19.758	19.687	19.775	VV	3267	127844	5.54%	0.290%
407	19.809	19.775	19.833	VV	3768	113496	4.92%	0.258%
408	19.853	19.833	19.865	VV	3814	71199	3.09%	0.162%
409	19.910	19.865	19.930	VV	6808	203250	8.81%	0.462%
410	19.972	19.930	19.982	VV	6089	167571	7.27%	0.381%
411	19.993	19.982	20.005	VV	5900	83369	3.61%	0.189%
412	20.049	20.005	20.077	VV	9254	306797	13.30%	0.697%
413	20.112	20.077	20.137	VV	19650	437551	18.97%	0.994%
414	20.180	20.137	20.214	VV	18958	582974	25.27%	1.324%
415	20.241	20.214	20.257	VV	11128	270099	11.71%	0.614%
416	20.277	20.257	20.340	VV	12325	524965	22.76%	1.192%
417	20.398	20.340	20.422	VV	12298	500684	21.71%	1.137%
418	20.493	20.422	20.529	VV	28468	1055900	45.78%	2.398%
419	20.563	20.529	20.617	VV	18967	835940	36.24%	1.899%
420	20.647	20.617	20.680	VV	17316	598871	25.96%	1.360%
421	20.701	20.680	20.710	VV	15201	269229	11.67%	0.612%
422	20.767	20.710	20.798	VV	16579	813394	35.26%	1.848%
423	20.826	20.798	20.835	VV	15583	342704	14.86%	0.778%
424	20.851	20.835	20.867	VV	15593	292147	12.67%	0.664%
425	20.882	20.867	20.896	VV	15310	257769	11.18%	0.586%
426	20.954	20.896	20.970	VV	15484	684558	29.68%	1.555%
427	20.991	20.970	21.007	VV	16011	345520	14.98%	0.785%
428	21.029	21.007	21.067	VV	16411	567981	24.62%	1.290%
429	21.078	21.067	21.115	VV	14912	423096	18.34%	0.961%
430	21.126	21.115	21.134	VV	14492	160548	6.96%	0.365%
431	21.171	21.134	21.250	VV	14645	984607	42.69%	2.236%
432	21.286	21.250	21.339	VV	13374	680774	29.51%	1.546%
433	21.352	21.339	21.395	VV	12274	397805	17.25%	0.904%
434	21.417	21.395	21.434	VV	11544	265536	11.51%	0.603%
435	21.451	21.434	21.500	VV	11450	426371	18.49%	0.968%
436	21.509	21.500	21.517	VV	10148	105166	4.56%	0.239%
437	21.590	21.517	21.649	VV	11733	839943	36.42%	1.908%
438	21.675	21.649	21.710	VV	9742	332619	14.42%	0.756%
439	21.754	21.710	21.764	VV	8494	267540	11.60%	0.608%
440	21.790	21.764	21.829	VV	8971	321686	13.95%	0.731%
441	21.890	21.829	21.934	VV	8157	473853	20.54%	1.076%
442	21.988	21.934	22.049	VV	10244	579270	25.11%	1.316%
443	22.057	22.049	22.139	VV	6488	279355	12.11%	0.635%
444	22.170	22.139	22.194	VV	4374	135377	5.87%	0.308%
445	22.226	22.194	22.280	VV	4326	174959	7.59%	0.397%
446	22.324	22.280	22.375	VV	4229	152225	6.60%	0.346%
447	22.411	22.375	22.439	VV	3089	83002	3.60%	0.189%
448	22.466	22.439	22.500	VBA	1620	65752	2.85%	0.149%
					Sum of corrected areas:	44025059		

FG080525.M Wed Aug 27 05:17:51 2025



CALIBRATION SUMMARY

TPH GC INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: SCIA01

ProjectID: 507 Franklin Ave

Lab Code: ACE

SDG No.: Q2868

Calibration Sequence : FG080525		Test : TPH GC	
Concentration (PPM)	Area Count	Reference Factor	File ID
1700	159549953	93853	FG016345.D
850	82027875	96503	FG016346.D
340	33685502	99075	FG016347.D
170	17686270	104037	FG016348.D
85	8678686	102102	FG016349.D
AVG RF : 99114		% RSD : 4.15	AVG RT : 15.2092

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: SCIA01
ProjectID: 507 Franklin Ave
Lab Code: ACE SDG No.: Q2868
DataFile: FG016366.D Analyst Name: YP\AJ Analyst Date: 08-25-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	96893427	113992	99114	15.011

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
 Data File : FG016366.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2025 11:20
 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: Aug 26 06:42:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.208	5391578	56.590 ug/ml
Target Compounds			
1) N-OCTANE	2.121	5718991	53.892 ug/ml
2) N-DECANE	4.670	6104930	56.493 ug/ml
3) N-DODECANE	6.854	6191823	56.974 ug/ml
4) N-TETRADECANE	8.697	6233700	57.012 ug/ml
5) N-HEXADECANE	10.318	6290328	57.870 ug/ml
6) N-OCTADECANE	11.772	6415640	57.999 ug/ml
7) N-EICOSANE	13.094	6438469	56.965 ug/ml
8) N-DOCOSANE	14.303	6252470	56.913 ug/ml
10) N-TETRACOSANE	15.415	6214608	56.717 ug/ml
11) N-HEXACOSANE	16.444	6164988	57.645 ug/ml
12) N-OCTACOSANE	17.403	6093607	56.563 ug/ml
13) N-TRIACONTANE	18.297	6283672	57.670 ug/ml
14) N-DOTRIACONTANE	19.136	6149666	58.384 ug/ml
15) N-TETRATRIACONTANE	19.925	5358391	56.235 ug/ml
16) N-HEXATRIACONTANE	20.669	4386108	58.701 ug/ml
17) N-OCTATRIACONTANE	21.465	3613452	60.266 ug/ml
18) N-TETRACONTANE	22.478	2982584	70.960 ug/ml

(f)=RT Delta > 1/2 Window

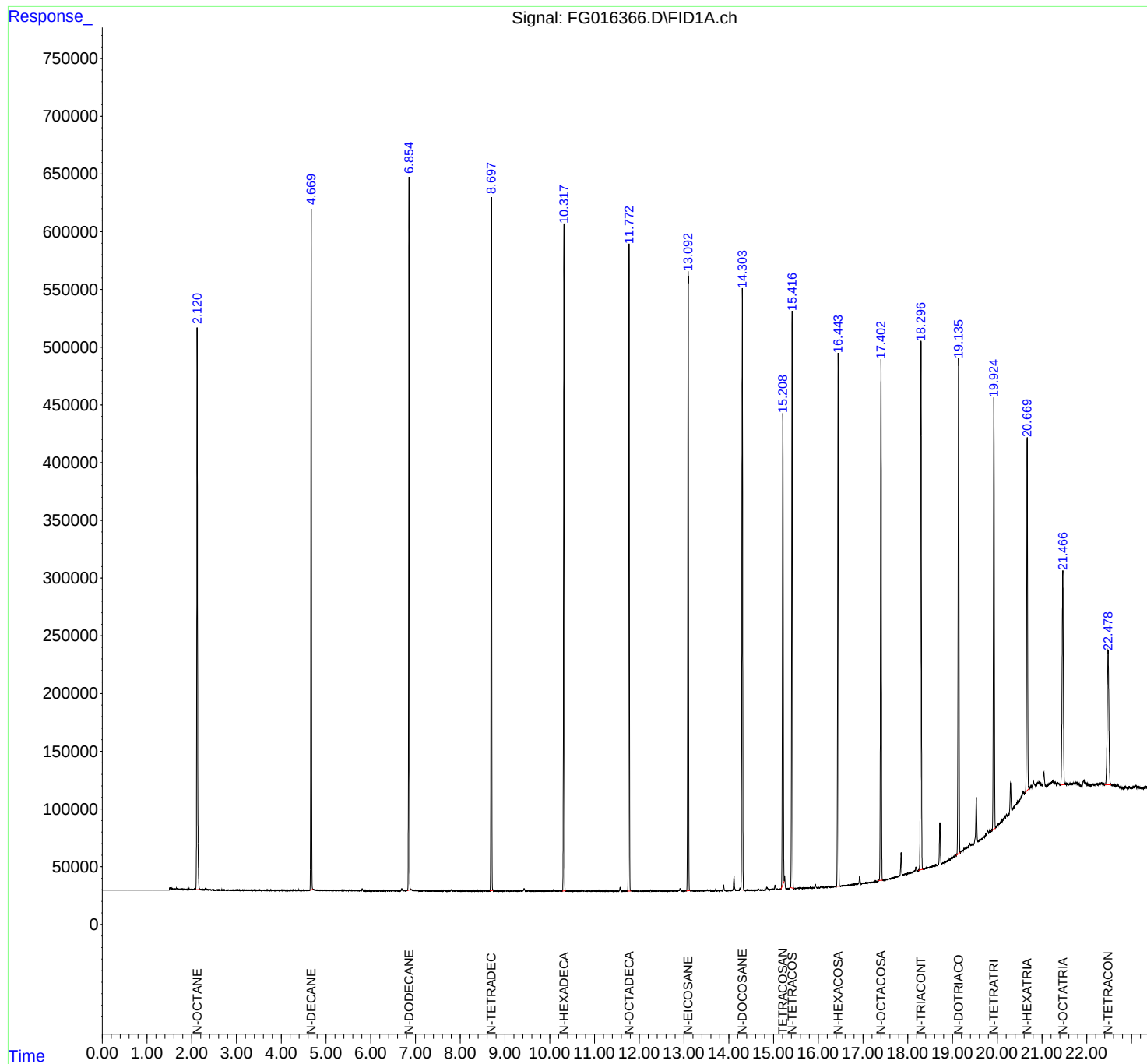
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016366.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 11:20
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: Aug 26 06:42:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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\FG082525\
 Data File : FG016366.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2025 11:20
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.121	2.084	2.242	VB	486274	5733587	88.88%	5.570%
2	4.670	4.617	4.790	BB	590967	6142950	95.22%	5.967%
3	6.854	6.819	6.989	BV	616301	6235618	96.66%	6.057%
4	8.697	8.629	8.785	BB	601192	6251784	96.91%	6.073%
5	10.318	10.282	10.389	BB	578612	6299705	97.65%	6.120%
6	11.772	11.712	11.844	BB	559580	6421681	99.54%	6.238%
7	13.094	12.979	13.164	BB	529003	6451049	100.00%	6.267%
8	14.303	14.267	14.375	VB	520305	6270590	97.20%	6.091%
9	15.208	15.162	15.238	BV	411550	5543405	85.93%	5.385%
10	15.415	15.378	15.480	VB	497137	6244430	96.80%	6.066%
11	16.444	16.270	16.500	BV	462471	6177615	95.76%	6.001%
12	17.402	17.314	17.462	PV	452173	6125811	94.96%	5.951%
13	18.297	18.215	18.355	VV	457928	6306080	97.75%	6.126%
14	19.136	19.010	19.175	PV	429897	6184667	95.87%	6.008%
15	19.925	19.852	19.960	PV	369512	5371051	83.26%	5.218%
16	20.669	20.625	20.724	BV	307155	4467858	69.26%	4.340%
17	21.465	21.410	21.529	BV	185149	3630430	56.28%	3.527%
18	22.477	22.405	22.600	VBA	117012	3083157	47.79%	2.995%
Sum of corrected areas:						102941468		

FG080525.M Tue Aug 26 07:28:22 2025

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: SCIA01
ProjectID: 507 Franklin Ave
Lab Code: ACE SDG No.: Q2868
DataFile: FG016378.D Analyst Name: YP\AJ Analyst Date: 08-25-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	76729362	90270	99114	8.923

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
 Data File : FG016378.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2025 18:05
 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: Aug 26 06:45:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.202	4220771	44.301 ug/ml
Target Compounds			
1) N-OCTANE	2.115	4459309	42.022 ug/ml
2) N-DECANE	4.665	4760829	44.055 ug/ml
3) N-DODECANE	6.850	4820793	44.358 ug/ml
4) N-TETRADECANE	8.691	4847745	44.337 ug/ml
5) N-HEXADECANE	10.311	4890349	44.990 ug/ml
6) N-OCTADECANE	11.766	4998057	45.184 ug/ml
7) N-EICOSANE	13.087	5022172	44.434 ug/ml
8) N-DOCOSANE	14.295	4888262	44.496 ug/ml
10) N-TETRACOSANE	15.409	4874158	44.484 ug/ml
11) N-HEXACOSANE	16.437	4861032	45.452 ug/ml
12) N-OCTACOSANE	17.394	4842446	44.949 ug/ml
13) N-TRIACONTANE	18.289	5048085	46.330 ug/ml
14) N-DOTRIACONTANE	19.129	5019118	47.651 ug/ml
15) N-TETRATRIACONTANE	19.918	4407146	46.252 ug/ml
16) N-HEXATRIACONTANE	20.661	3554182	47.567 ug/ml
17) N-OCTATRIACONTANE	21.453	2937375	48.990 ug/ml
18) N-TETRACONTANE	22.464	2498304	59.438 ug/ml

(f)=RT Delta > 1/2 Window

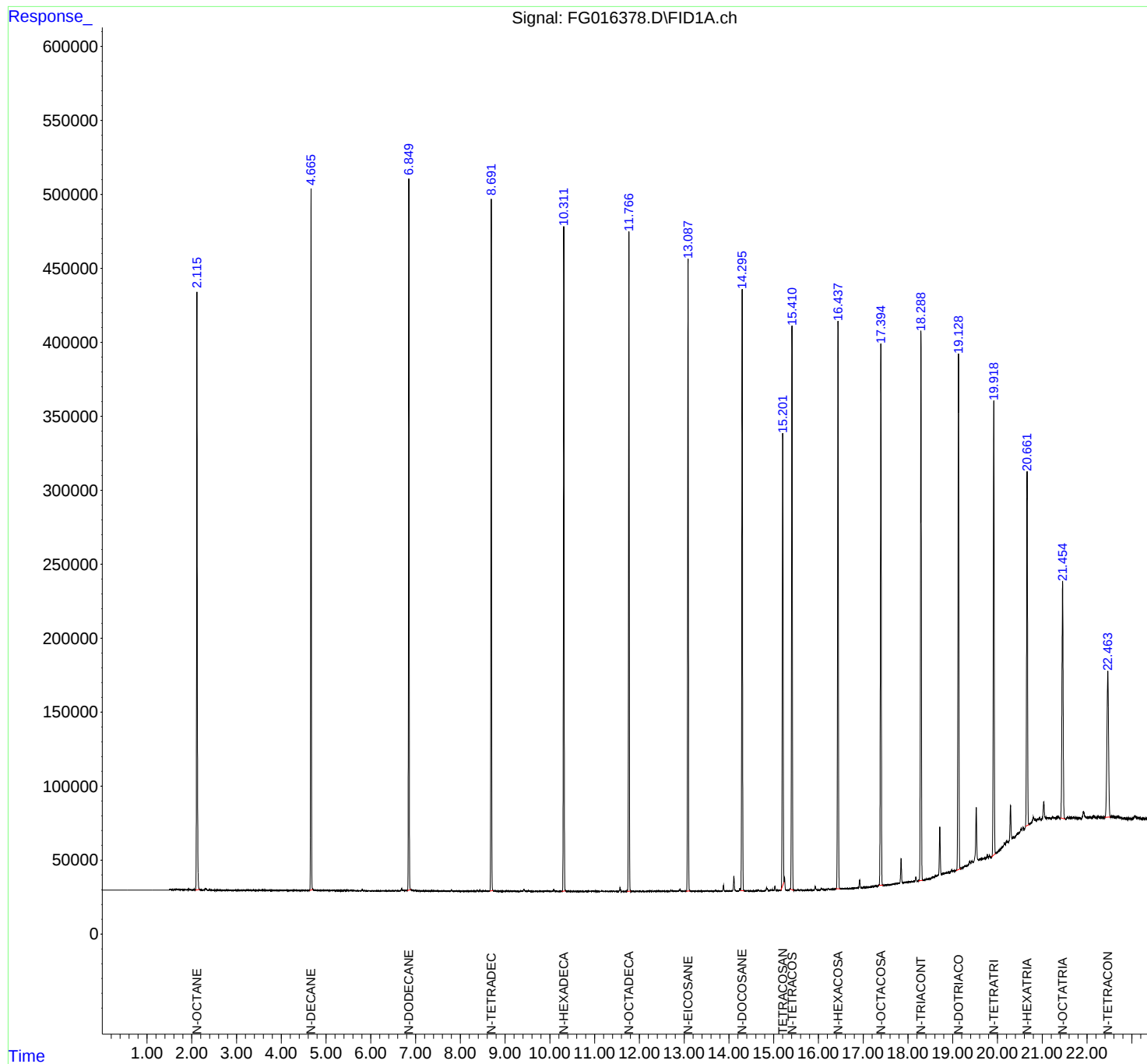
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016378.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 18:05
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: Aug 26 06:45:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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\FG082525\
Data File : FG016378.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 18:05
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.115	2.081	2.189	PB	403821	4469369	88.41%	5.500%
2	4.665	4.634	4.769	BB	474094	4782654	94.61%	5.885%
3	6.850	6.807	6.947	BB	479533	4849373	95.93%	5.967%
4	8.691	8.601	8.782	BB	467670	4862697	96.19%	5.984%
5	10.311	10.257	10.376	BB	449719	4899305	96.91%	6.029%
6	11.766	11.667	11.831	BB	444196	5006629	99.04%	6.161%
7	13.087	13.049	13.161	BB	426970	5032074	99.54%	6.192%
8	14.295	14.260	14.376	VB	406921	4901721	96.96%	6.032%
9	15.202	15.106	15.231	BV	308300	4346386	85.98%	5.348%
10	15.409	15.371	15.471	VB	377693	4898027	96.89%	6.027%
11	16.437	16.371	16.496	BB	381535	4871540	96.36%	5.995%
12	17.394	17.304	17.464	PV	365891	4868326	96.30%	5.991%
13	18.289	18.207	18.341	PV	370010	5055334	100.00%	6.221%
14	19.129	19.042	19.174	PV	346955	5017525	99.25%	6.174%
15	19.918	19.846	19.955	PV	305871	4398627	87.01%	5.413%
16	20.661	20.626	20.710	BV	238537	3557792	70.38%	4.378%
17	21.453	21.411	21.522	BV	160163	2939920	58.15%	3.618%
18	22.464	22.352	22.525	BV	98677	2508306	49.62%	3.087%
Sum of corrected areas:							81265605	

FG080525.M Tue Aug 26 07:45:34 2025

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: SCIA01
ProjectID: 507 Franklin Ave
Lab Code: ACE SDG No.: Q2868
DataFile: FG016380.D Analyst Name: YP\AJ Analyst Date: 08-25-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	77310232	90953	99114	8.234

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
 Data File : FG016380.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2025 19:34
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2025
 Supervised By :mohammad ahmed 08/27/2025

Integration File: autoint1.e
 Quant Time: Aug 26 07:47:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.201	4346328	45.619 ug/ml
Target Compounds			
1) N-OCTANE	2.114	4490245	42.313 ug/ml
2) N-DECANE	4.665	4799600	44.414 ug/ml
3) N-DODECANE	6.849	4854891	44.672 ug/ml
4) N-TETRADECANE	8.690	4872868	44.566 ug/ml
5) N-HEXADECANE	10.310	4905061	45.126 ug/ml
6) N-OCTADECANE	11.765	5007804	45.272 ug/ml
7) N-EICOSANE	13.087	5037644	44.571 ug/ml
8) N-DOCOSANE	14.295	4913344	44.724 ug/ml
10) N-TETRACOSANE	15.407	4911929	44.828 ug/ml
11) N-HEXACOSANE	16.436	4888420	45.708 ug/ml
12) N-OCTACOSANE	17.394	4890644	45.396 ug/ml
13) N-TRIACONTANE	18.288	5103642	46.840 ug/ml
14) N-DOTRIACONTANE	19.127	5058251	48.022 ug/ml
15) N-TETRATRIACONTANE	19.915	4445367	46.653 ug/ml
16) N-HEXATRIACONTANE	20.660	3594359	48.104 ug/ml
17) N-OCTATRIACONTANE	21.452	2949578	49.194 ug/ml
18) N-TETRACONTANE	22.459	2586585	61.539 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016380.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 19:34
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

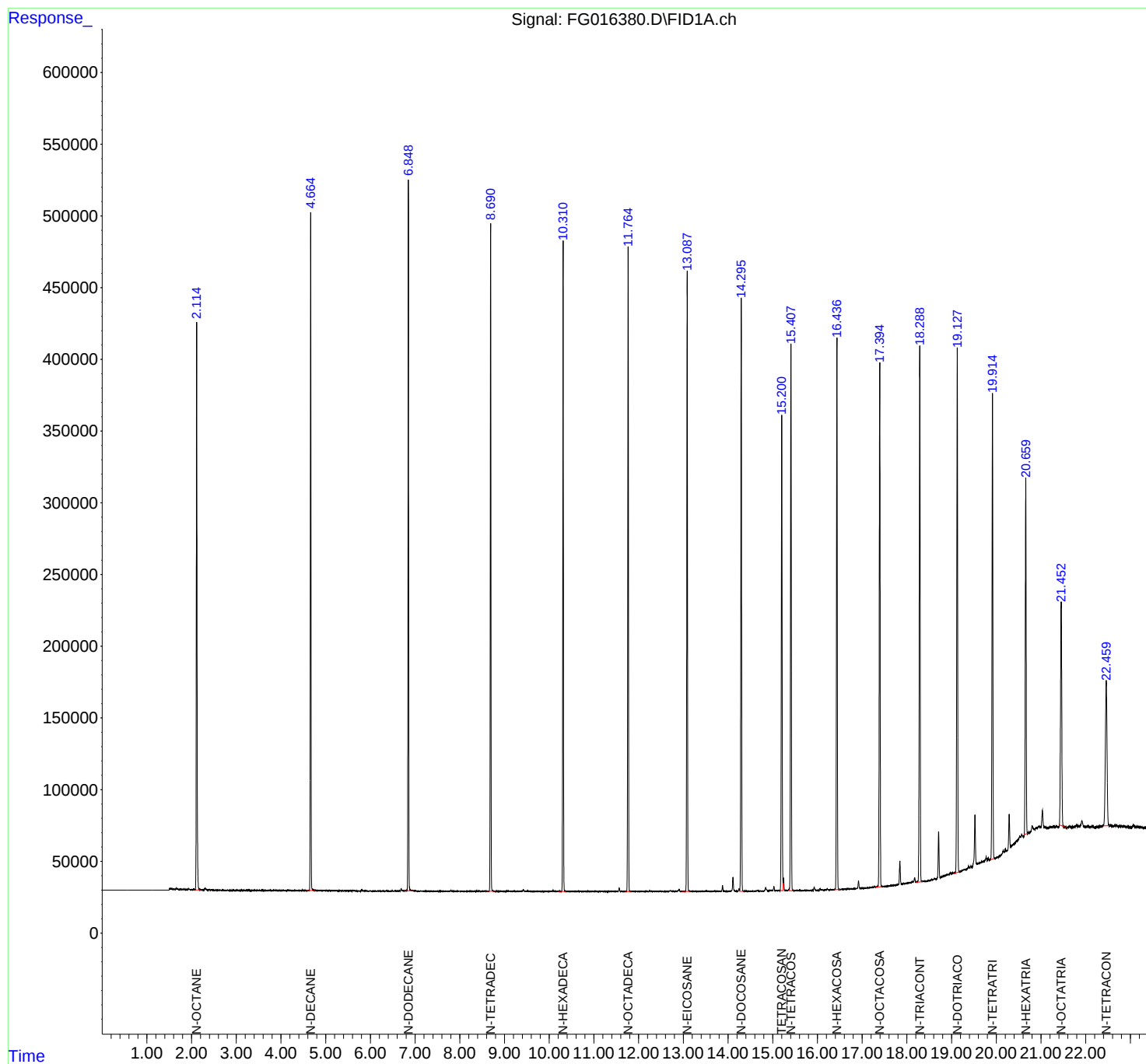
Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File: autoint1.e
Quant Time: Aug 26 07:47:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: SCIA01
ProjectID: 507 Franklin Ave
Lab Code: ACE SDG No.: Q2868
DataFile: FG016386.D Analyst Name: YP\AJ Analyst Date: 08-26-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	86076497	101266	99114	2.171

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
 Data File : FG016386.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 00:00
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Aug 26 07:58:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.202	4846800	50.872 ug/ml
Target Compounds			
1) N-OCTANE	2.115	5288699	49.837 ug/ml
2) N-DECANE	4.665	5495340	50.852 ug/ml
3) N-DODECANE	6.849	5539734	50.974 ug/ml
4) N-TETRADECANE	8.691	5569740	50.940 ug/ml
5) N-HEXADECANE	10.311	5556745	51.121 ug/ml
6) N-OCTADECANE	11.766	5653614	51.110 ug/ml
7) N-EICOSANE	13.086	5772770	51.075 ug/ml
8) N-DOCOSANE	14.296	5591014	50.892 ug/ml
10) N-TETRACOSANE	15.409	5572837	50.860 ug/ml
11) N-HEXACOSANE	16.437	5404874	50.537 ug/ml
12) N-OCTACOSANE	17.394	5434350	50.443 ug/ml
13) N-TRIACONTANE	18.289	5506037	50.533 ug/ml
14) N-DOTRIACONTANE	19.127	5362313	50.909 ug/ml
15) N-TETRATRIACONTANE	19.917	4813581	50.517 ug/ml
16) N-HEXATRIACONTANE	20.660	3842398	51.424 ug/ml
17) N-OCTATRIACONTANE	21.452	3041286	50.723 ug/ml
18) N-TETRACONTANE	22.459	2631165	62.599 ug/ml

(f)=RT Delta > 1/2 Window

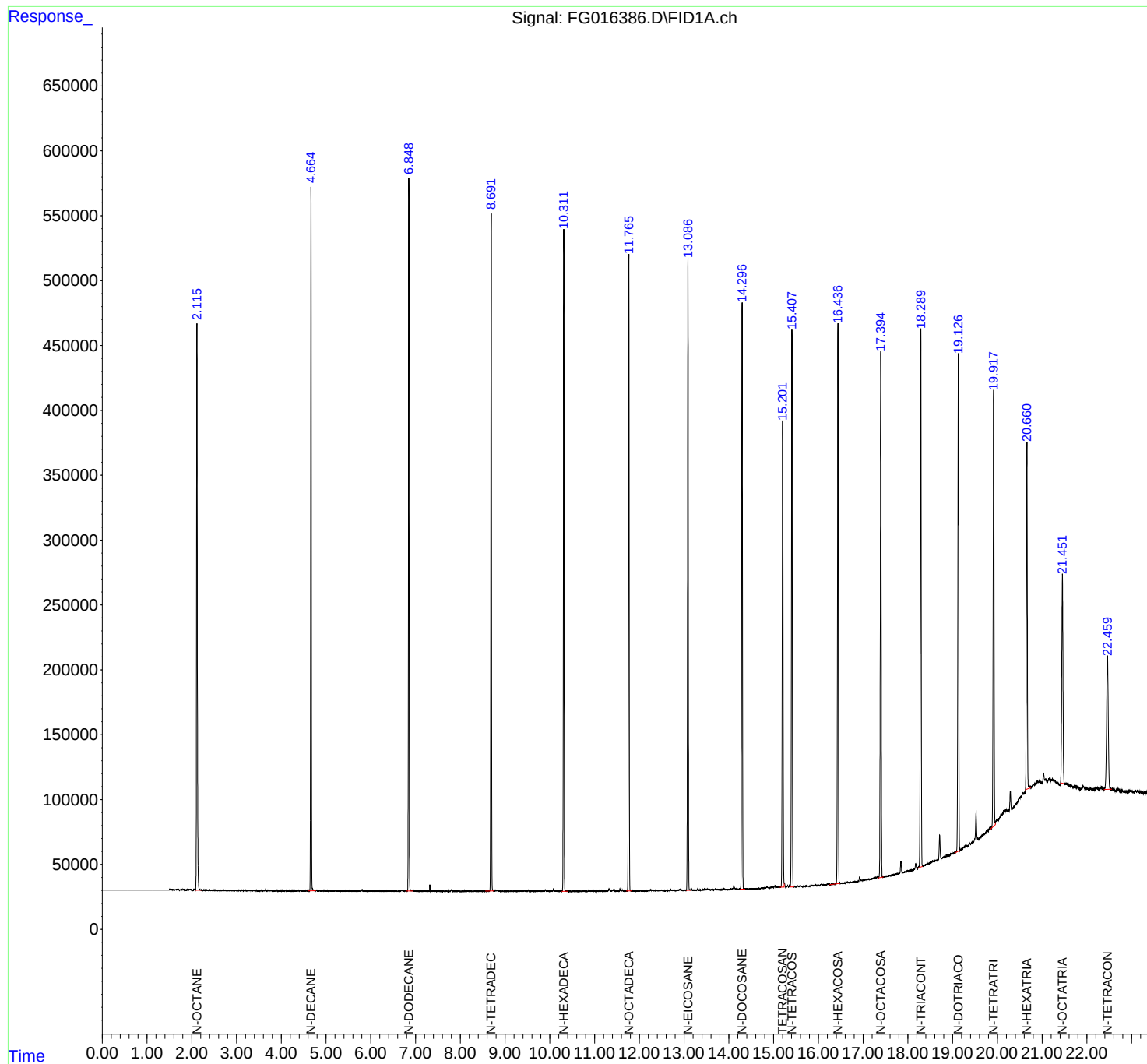
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016386.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 00:00
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Aug 26 07:58:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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\FG082525\
 Data File : FG016386.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 00:00
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.115	2.079	2.229	VB	435982	5288699	91.61%	5.817%
2	4.665	4.597	4.774	BB	541800	5495340	95.19%	6.044%
3	6.849	6.790	6.955	BB	549077	5539734	95.96%	6.093%
4	8.691	8.564	8.755	BB	520642	5569740	96.48%	6.126%
5	10.311	10.269	10.400	BB	508858	5556745	96.26%	6.111%
6	11.766	11.705	11.829	BB	490534	5653614	97.94%	6.218%
7	13.086	13.045	13.139	BV	488990	5772770	100.00%	6.349%
8	14.296	14.257	14.360	VB	452154	5591014	96.85%	6.149%
9	15.202	15.142	15.235	BV	358032	4846800	83.96%	5.331%
10	15.409	15.372	15.457	VV	428439	5572837	96.54%	6.129%
11	16.437	16.246	16.489	PB	429415	5404874	93.63%	5.944%
12	17.394	17.334	17.452	VV	404022	5434350	94.14%	5.977%
13	18.289	18.205	18.329	PV	409499	5506037	95.38%	6.056%
14	19.127	19.041	19.166	PV	382124	5362313	92.89%	5.898%
15	19.917	19.842	19.954	VV	335541	4813581	83.38%	5.294%
16	20.660	20.625	20.739	BV	267961	3842398	66.56%	4.226%
17	21.452	21.410	21.498	BV	160793	3041286	52.68%	3.345%
18	22.459	22.380	22.560	PV	103063	2631165	45.58%	2.894%
Sum of corrected areas:							90923297	

FG080525.M Tue Aug 26 08:02:56 2025

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: SCIA01
ProjectID: 507 Franklin Ave
Lab Code: ACE SDG No.: Q2868
DataFile: FG016389.D Analyst Name: YP\AJ Analyst Date: 08-26-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	83822912	98615	99114	0.503

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
 Data File : FG016389.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 09:24
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 27 04:14:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.199	4687779	49.203 ug/ml
Target Compounds			
1) N-OCTANE	2.114	4629356	43.624 ug/ml
2) N-DECANE	4.663	5082759	47.034 ug/ml
3) N-DODECANE	6.847	5187357	47.731 ug/ml
4) N-TETRADECANE	8.688	5250837	48.023 ug/ml
5) N-HEXADECANE	10.308	5322326	48.964 ug/ml
6) N-OCTADECANE	11.764	5448656	49.258 ug/ml
7) N-EICOSANE	13.085	5477414	48.462 ug/ml
8) N-DOCOSANE	14.293	5330420	48.520 ug/ml
10) N-TETRACOSANE	15.405	5326232	48.610 ug/ml
11) N-HEXACOSANE	16.434	5267145	49.250 ug/ml
12) N-OCTACOSANE	17.392	5249376	48.726 ug/ml
13) N-TRIACONTANE	18.285	5452836	50.045 ug/ml
14) N-DOTRIACONTANE	19.125	5458221	51.820 ug/ml
15) N-TETRATRIACONTANE	19.914	4833498	50.726 ug/ml
16) N-HEXATRIACONTANE	20.656	3983703	53.315 ug/mlm
17) N-OCTATRIACONTANE	21.450	3421568	57.066 ug/mlm
18) N-TETRACONTANE	22.457	3101208	73.782 ug/ml

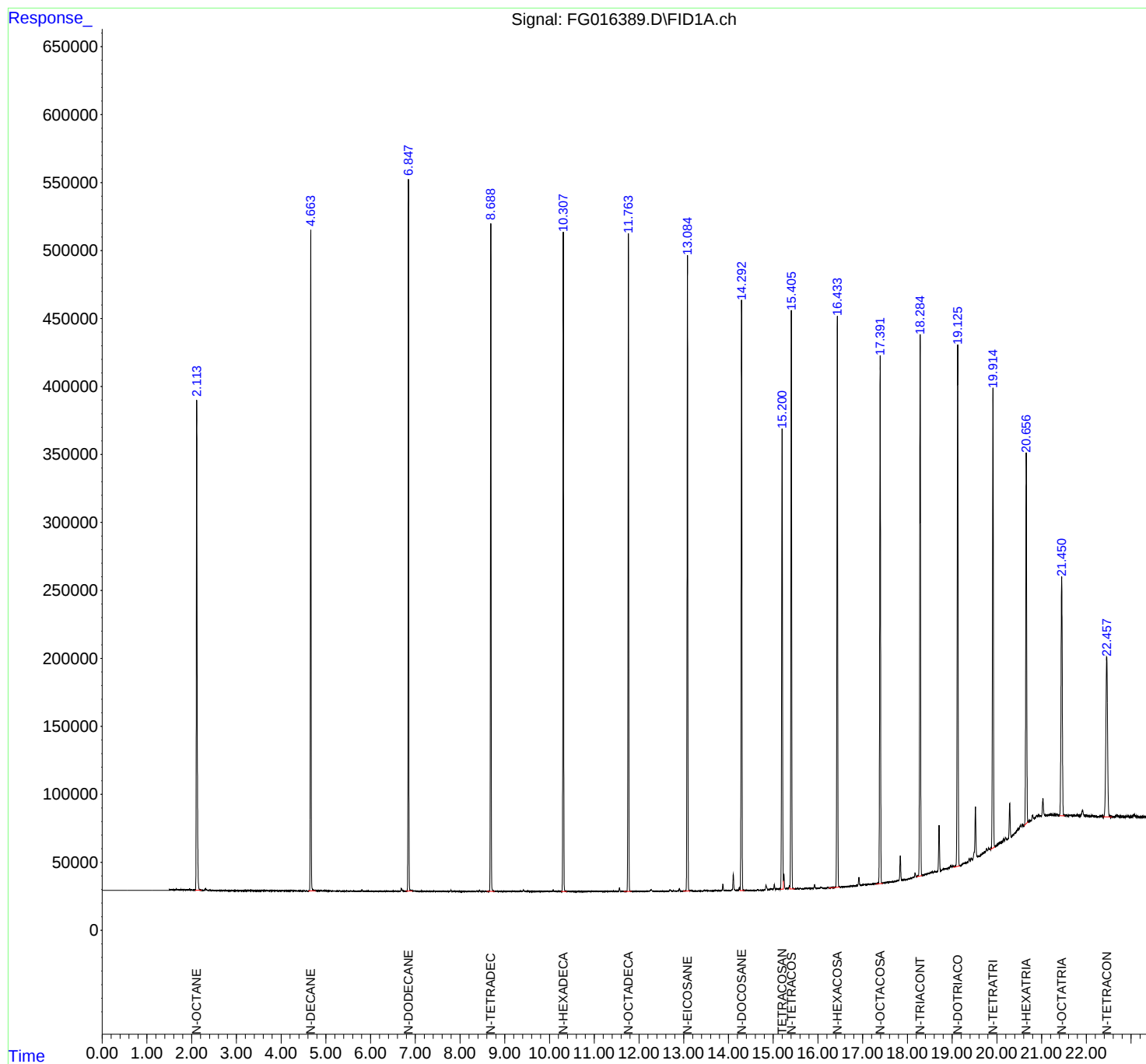
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
Data File : FG016389.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 09:24
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 27 04:14:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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\FG082625\
 Data File : FG016389.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 09:24
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.114	2.075	2.224	PB	360043	4629356	84.52%	5.240%
2	4.663	4.605	4.772	BB	486689	5082759	92.79%	5.753%
3	6.847	6.789	6.937	BB	523722	5187357	94.70%	5.871%
4	8.688	8.600	8.779	BB	489341	5250837	95.86%	5.943%
5	10.308	10.255	10.390	BB	485521	5322326	97.17%	6.024%
6	11.764	11.657	11.832	BB	479317	5448656	99.47%	6.167%
7	13.085	12.987	13.140	BV	464887	5477414	100.00%	6.200%
8	14.293	14.258	14.362	VB	431773	5330420	97.32%	6.033%
9	15.199	15.154	15.228	BV	337395	4687779	85.58%	5.306%
10	15.405	15.370	15.484	VB	425527	5326232	97.24%	6.028%
11	16.434	16.245	16.485	PV	420231	5267145	96.16%	5.962%
12	17.392	17.297	17.452	BV	387509	5249376	95.84%	5.942%
13	18.285	18.202	18.325	VV	395847	5452836	99.55%	6.172%
14	19.125	19.039	19.174	VV	383679	5458221	99.65%	6.178%
15	19.914	19.857	19.951	VV	337699	4833498	88.24%	5.471%
16	20.658	20.625	20.698	BV	271563	3930836	71.76%	4.449%
17	21.449	21.410	21.527	BV	173452	3314612	60.51%	3.752%
18	22.457	22.374	22.572	VV	117974	3101208	56.62%	3.510%
Sum of corrected areas:						88350869		

FG080525.M Wed Aug 27 05:31:11 2025

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: SCIA01
ProjectID: 507 Franklin Ave
Lab Code: ACE SDG No.: Q2868
DataFile: FG016393.D Analyst Name: YP\AJ Analyst Date: 08-26-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	84420687	99318	99114	0.206

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
 Data File : FG016393.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 11:37
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 27 04:15:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.197	4733827	49.686 ug/ml
Target Compounds			
1) N-OCTANE	2.114	5138697	48.424 ug/ml
2) N-DECANE	4.662	5325195	49.277 ug/ml
3) N-DODECANE	6.846	5395272	49.645 ug/ml
4) N-TETRADECANE	8.688	5451257	49.856 ug/ml
5) N-HEXADECANE	10.308	5415864	49.825 ug/ml
6) N-OCTADECANE	11.763	5508889	49.802 ug/ml
7) N-EICOSANE	13.084	5617243	49.699 ug/ml
8) N-DOCOSANE	14.292	5449593	49.605 ug/ml
10) N-TETRACOSANE	15.404	5417408	49.442 ug/ml
11) N-HEXACOSANE	16.432	5256693	49.152 ug/ml
12) N-OCTACOSANE	17.390	5276124	48.974 ug/ml
13) N-TRIACONTANE	18.283	5280978	48.468 ug/ml
14) N-DOTRIACONTANE	19.122	5145498	48.851 ug/ml
15) N-TETRATRIACONTANE	19.911	4618856	48.473 ug/mlm
16) N-HEXATRIACONTANE	20.655	3880136	51.929 ug/mlm
17) N-OCTATRIACONTANE	21.448	3297595	54.998 ug/mlm
18) N-TETRACONTANE	22.454	2945389	70.075 ug/ml

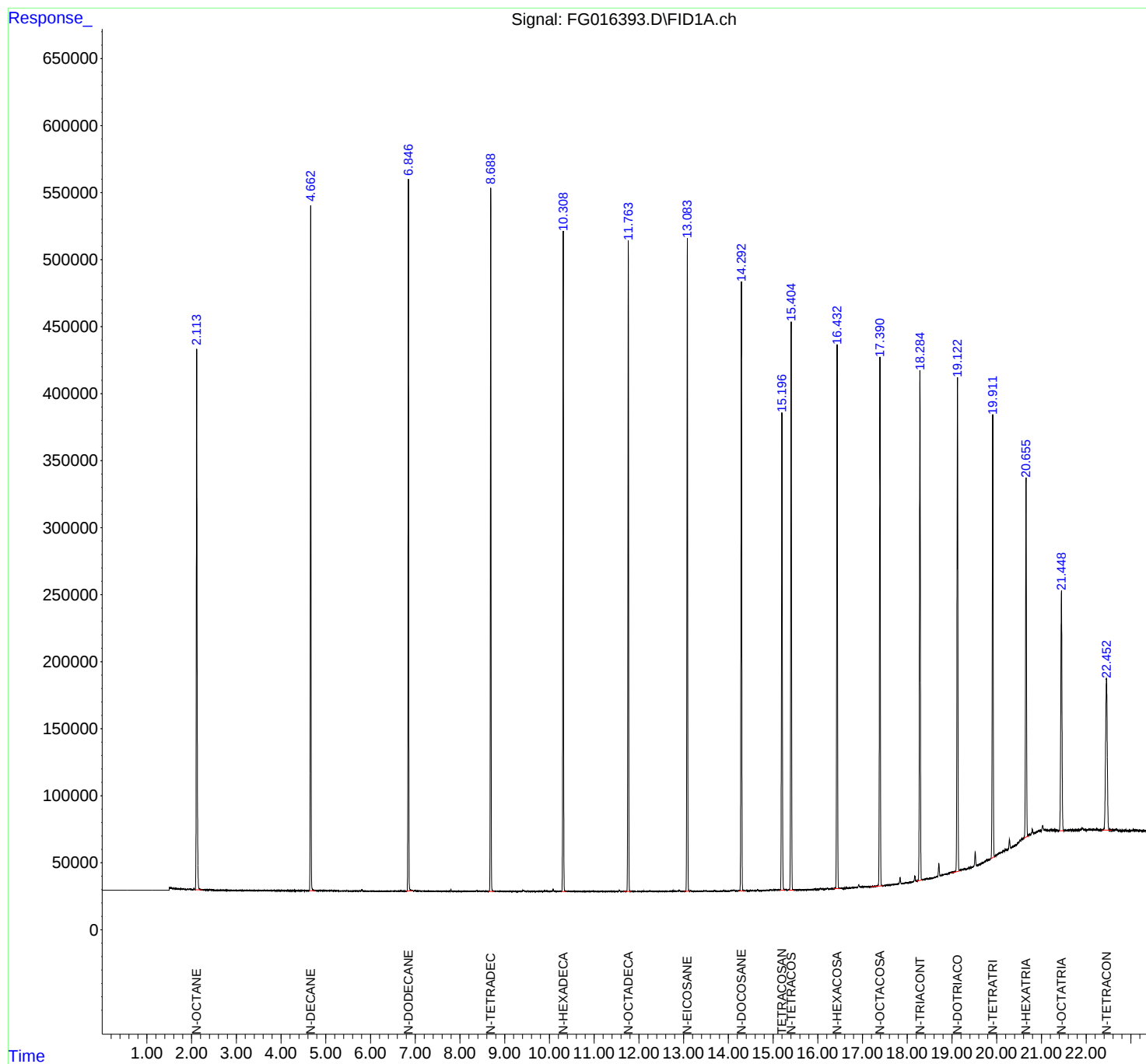
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
Data File : FG016393.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 11:37
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 27 04:15:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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\FG082625\
Data File : FG016393.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 11:37
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.114	2.076	2.237	VB	402889	5138697	91.48%	5.780%
2	4.662	4.629	4.762	BB	510745	5325195	94.80%	5.989%
3	6.846	6.791	6.941	BB	531633	5395272	96.05%	6.068%
4	8.688	8.621	8.769	BB	523172	5451257	97.05%	6.131%
5	10.308	10.269	10.386	BB	492621	5415864	96.41%	6.091%
6	11.763	11.647	11.839	BB	482791	5508889	98.07%	6.196%
7	13.084	12.996	13.134	BV	486304	5617243	100.00%	6.318%
8	14.292	14.219	14.374	BB	455998	5449593	97.02%	6.129%
9	15.197	15.157	15.264	BV	355044	4733827	84.27%	5.324%
10	15.404	15.364	15.471	VB	424266	5417408	96.44%	6.093%
11	16.432	16.344	16.504	BB	405866	5256693	93.58%	5.912%
12	17.390	17.177	17.452	BV	391831	5276124	93.93%	5.934%
13	18.283	18.203	18.329	PV	380301	5280978	94.01%	5.940%
14	19.122	18.986	19.174	VV	367465	5145498	91.60%	5.787%
15	19.911	19.621	19.951	BV	327258	4612057	82.11%	5.187%
16	20.656	20.626	20.696	BV	265046	3774392	67.19%	4.245%
17	21.447	21.411	21.511	BV	176120	3164597	56.34%	3.559%
18	22.454	22.357	22.569	BB	112393	2945389	52.43%	3.313%
Sum of corrected areas:							88908972	

FG080525.M Wed Aug 27 05:37:10 2025

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: SCIA01
ProjectID: 507 Franklin Ave
Lab Code: ACE SDG No.: Q2868
DataFile: FG016395.D Analyst Name: YP\AJ Analyst Date: 08-26-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	53791072	107582	109253	1.529

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
 Data File : FG016395.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 12:36
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 27 04:15:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.197	4705388	49.388 ug/ml
Target Compounds			
2) N-DECANE	4.663	5304031	49.082 ug/ml
3) N-DODECANE	6.846	5358238	49.304 ug/ml
4) N-TETRADECANE	8.688	5410753	49.486 ug/ml
5) N-HEXADECANE	10.307	5380122	49.496 ug/ml
6) N-OCTADECANE	11.762	5476740	49.511 ug/ml
7) N-EICOSANE	13.084	5579530	49.365 ug/ml
8) N-DOCOSANE	14.291	5409839	49.243 ug/ml
10) N-TETRACOSANE	15.403	5390475	49.196 ug/ml
11) N-HEXACOSANE	16.431	5231363	48.915 ug/ml
12) N-OCTACOSANE	17.387	5249981	48.732 ug/ml

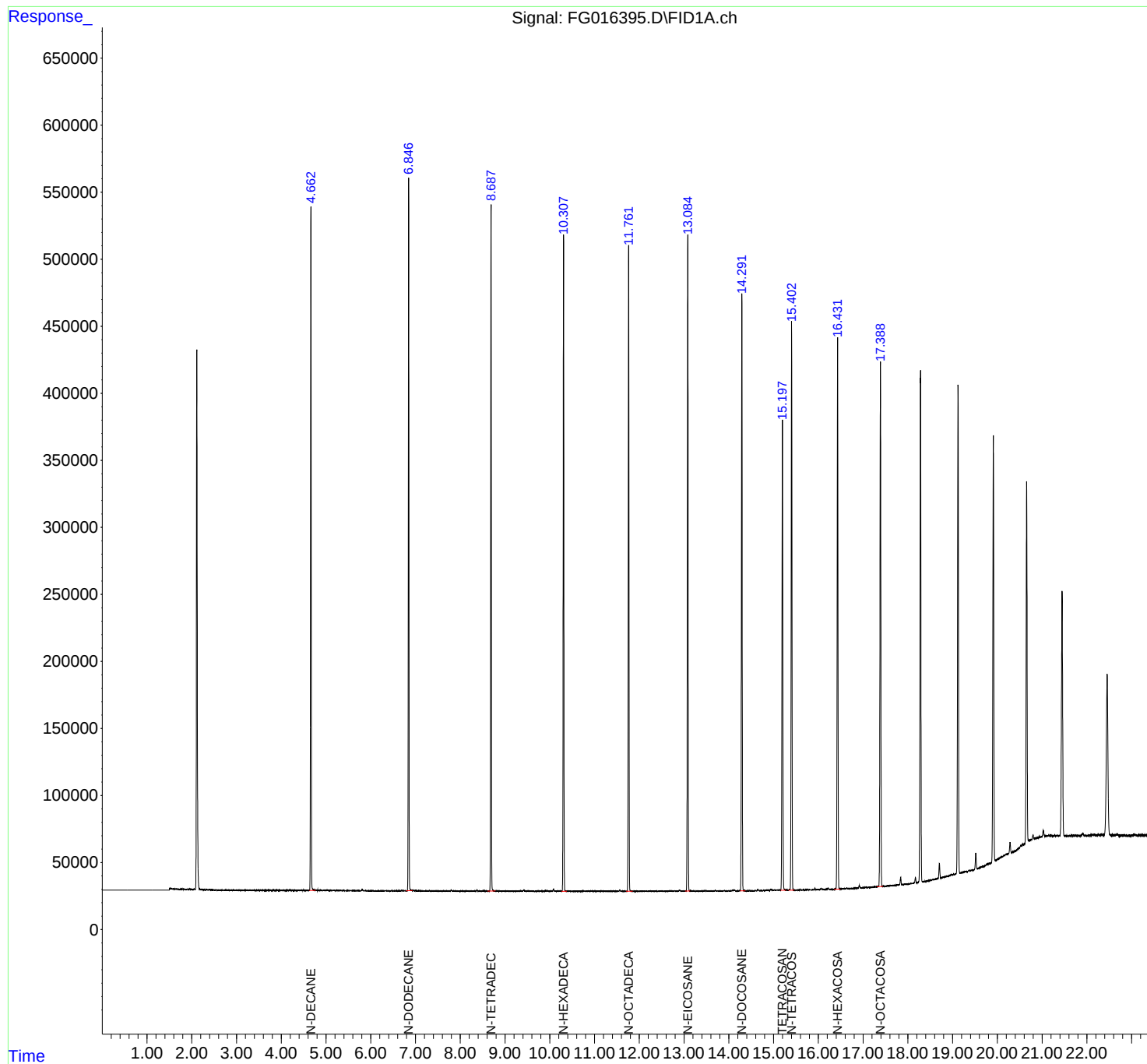
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
Data File : FG016395.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 12:36
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 27 04:15:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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\FG082625\
Data File : FG016395.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 12:36
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.663	4.626	4.769	BB	509845	5304031	95.06%	9.067%
2	6.846	6.787	6.934	BB	531223	5358238	96.03%	9.160%
3	8.688	8.607	8.781	BB	511846	5410753	96.98%	9.250%
4	10.307	10.262	10.382	BB	488727	5380122	96.43%	9.197%
5	11.762	11.704	11.847	BB	480153	5476740	98.16%	9.363%
6	13.084	13.024	13.134	BV	490073	5579530	100.00%	9.538%
7	14.291	14.252	14.371	VB	443639	5409839	96.96%	9.248%
8	15.197	15.154	15.271	PV	350074	4705388	84.33%	8.044%
9	15.403	15.331	15.466	BB	422987	5390475	96.61%	9.215%
10	16.431	16.351	16.492	BV	410135	5231363	93.76%	8.943%
11	17.387	17.304	17.447	BB	389993	5249981	94.09%	8.975%
Sum of corrected areas:						58496457		

FG080525.M Wed Aug 27 05:40:48 2025

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: SCIA01
ProjectID: 507 Franklin Ave
Lab Code: ACE SDG No.: Q2868
DataFile: FG016406.D Analyst Name: YP\AJ Analyst Date: 08-26-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	54497296	108995	109253	0.236

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
 Data File : FG016406.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 20:25
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 27 04:19:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.195	4824552	50.639 ug/ml
Target Compounds			
2) N-DECANE	4.661	5235063	48.443 ug/ml
3) N-DODECANE	6.845	5343942	49.172 ug/ml
4) N-TETRADECANE	8.686	5404010	49.424 ug/ml
5) N-HEXADECANE	10.305	5474484	50.364 ug/ml
6) N-OCTADECANE	11.760	5604470	50.666 ug/ml
7) N-EICOSANE	13.081	5632046	49.830 ug/ml
8) N-DOCOSANE	14.288	5485464	49.932 ug/ml
10) N-TETRACOSANE	15.400	5476041	49.977 ug/ml
11) N-HEXACOSANE	16.429	5424159	50.718 ug/ml
12) N-OCTACOSANE	17.387	5417617	50.288 ug/ml

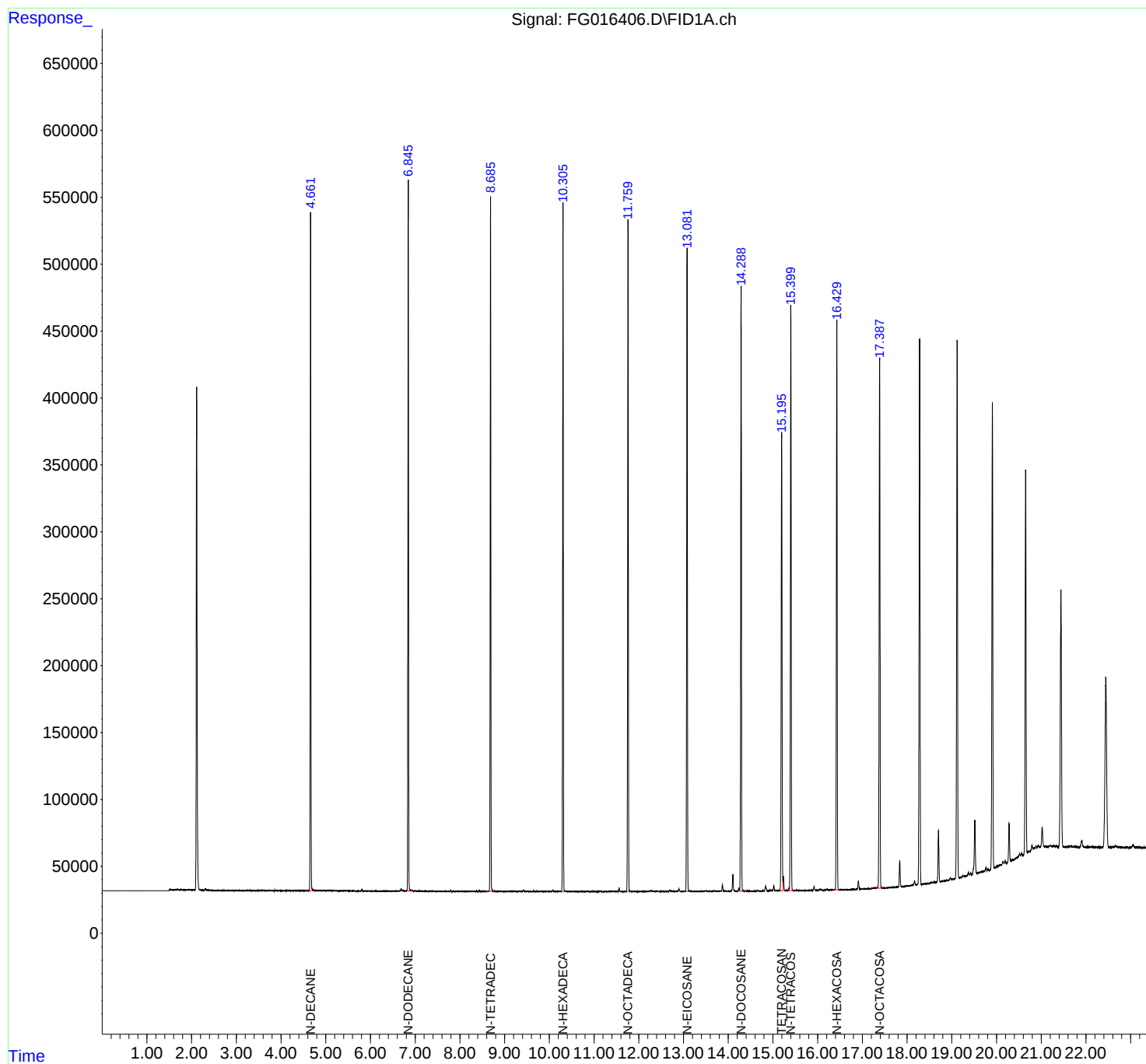
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
Data File : FG016406.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 20:25
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 27 04:19:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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\FG082625\
Data File : FG016406.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 20:25
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.661	4.629	4.761	BV	506521	5235063	92.95%	8.825%
2	6.845	6.811	6.944	BB	531846	5343942	94.88%	9.008%
3	8.686	8.574	8.791	VB	519035	5404010	95.95%	9.110%
4	10.305	10.259	10.352	BB	513471	5474484	97.20%	9.228%
5	11.760	11.696	11.834	BB	502441	5604470	99.51%	9.448%
6	13.081	13.032	13.137	BB	476994	5632046	100.00%	9.494%
7	14.288	14.253	14.362	VB	451708	5485464	97.40%	9.247%
8	15.195	15.152	15.224	BV	340541	4824552	85.66%	8.133%
9	15.400	15.364	15.469	VB	430095	5476041	97.23%	9.231%
10	16.429	16.344	16.491	BB	423141	5424159	96.31%	9.144%
11	17.387	17.297	17.447	BB	397683	5417617	96.19%	9.133%
Sum of corrected areas:						59321848		

FG080525.M Wed Aug 27 05:49:11 2025

Analytical Sequence

Client: Sciacca General Contractors, LLC

SDG No.: Q2868

Project: 507 Franklin Ave

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 15.2092					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	25 Aug 2025 10:50	FG016365.D	15.206	
50 PPM TRPH STD	50 PPM TRPH STD	25 Aug 2025 11:20	FG016366.D	15.208	
PB169373BL	PB169373BL	25 Aug 2025 13:09	FG016368.D	15.209	
PB169373BS	PB169373BS	25 Aug 2025 13:38	FG016369.D	15.203	
PIBLK02	LBLK02	25 Aug 2025 17:35	FG016377.D	15.201	
50 PPM TRPH STD	50 PPM TRPH STD	25 Aug 2025 18:05	FG016378.D	15.202	
PIBLK03	LBLK03	25 Aug 2025 19:04	FG016379.D	15.199	
WASTEMS	Q2868-01MS	25 Aug 2025 21:33	FG016382.D	15.194	
WASTEMSD	Q2868-01MSD	25 Aug 2025 22:02	FG016383.D	15.196	
WASTEMSD	Q2868-01MSD	25 Aug 2025 22:02	FG016383.D	15.270	
PIBLK04	LBLK04	25 Aug 2025 23:02	FG016385.D	15.200	
50 PPM TRPH STD	50 PPM TRPH STD	26 Aug 2025 00:00	FG016386.D	15.202	
PIBLK05	LBLK05	26 Aug 2025 08:55	FG016388.D	15.198	
50 PPM TRPH STD	50 PPM TRPH STD	26 Aug 2025 09:24	FG016389.D	15.199	
WASTE	Q2868-01	26 Aug 2025 10:38	FG016391.D	15.100	*
PIBLK06	LBLK06	26 Aug 2025 11:08	FG016392.D	15.195	
50 PPM TRPH STD	50 PPM TRPH STD	26 Aug 2025 11:37	FG016393.D	15.197	



QC SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:		
Project:	507 Franklin Ave		Date Received:		
Client Sample ID:	PB169373BL		SDG No.:	Q2868	
Lab Sample ID:	PB169373BL		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
FG016368.D	1	08/25/25 09:24	08/25/25 13:09	PB169373

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	18.7		37 - 130	94%	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\FG082525\
Data File : FG016368.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 13:09
Operator : YP\AJ
Sample : PB169373BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB169373BL

Integration File: autoint1.e
Quant Time: Aug 26 06:43:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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...	15.209	1782113	18.705 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

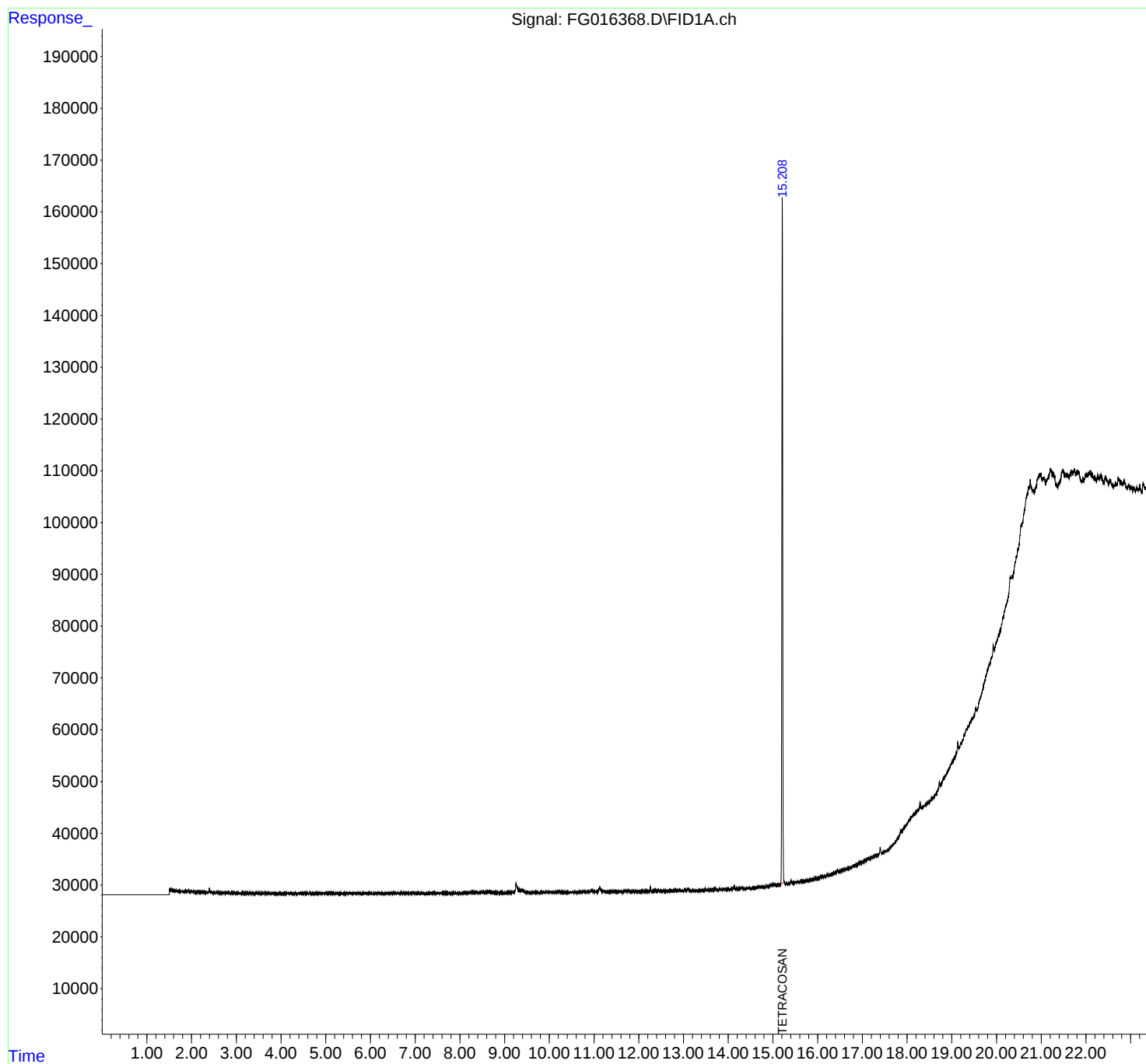
(m)=manual int.

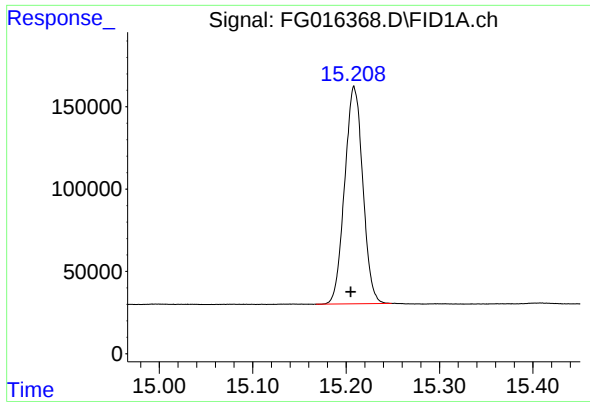
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016368.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 13:09
Operator : YP\AJ
Sample : PB169373BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB169373BL

Integration File: autoint1.e
Quant Time: Aug 26 06:43:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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.: 15.209 min
Delta R.T.: 0.004 min
Response: 1782113
Conc: 18.71 ug/ml

Instrument :
FID_G
ClientSampleId :
PB169373BL

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016368.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 13:09
Sample : PB169373BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.209	15.147	15.284	BV	131837	1793574	100.00%	100.000%
Sum of corrected areas:						1793574		

FG080525.M Tue Aug 26 07:29:06 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	08/25/25
Project:	507 Franklin Ave	Date Received:	08/25/25
Client Sample ID:	PIBLK-FG016365.D	SDG No.:	Q2868
Lab Sample ID:	I.BLK-FG016365.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	TPH GC
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016365.D	1		08/25/25	FG082525

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	19.1		29 - 130	96%	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\FG082525\
Data File : FG016365.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 10:50
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: Aug 26 06:42:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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...	15.206	1822877	19.133 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

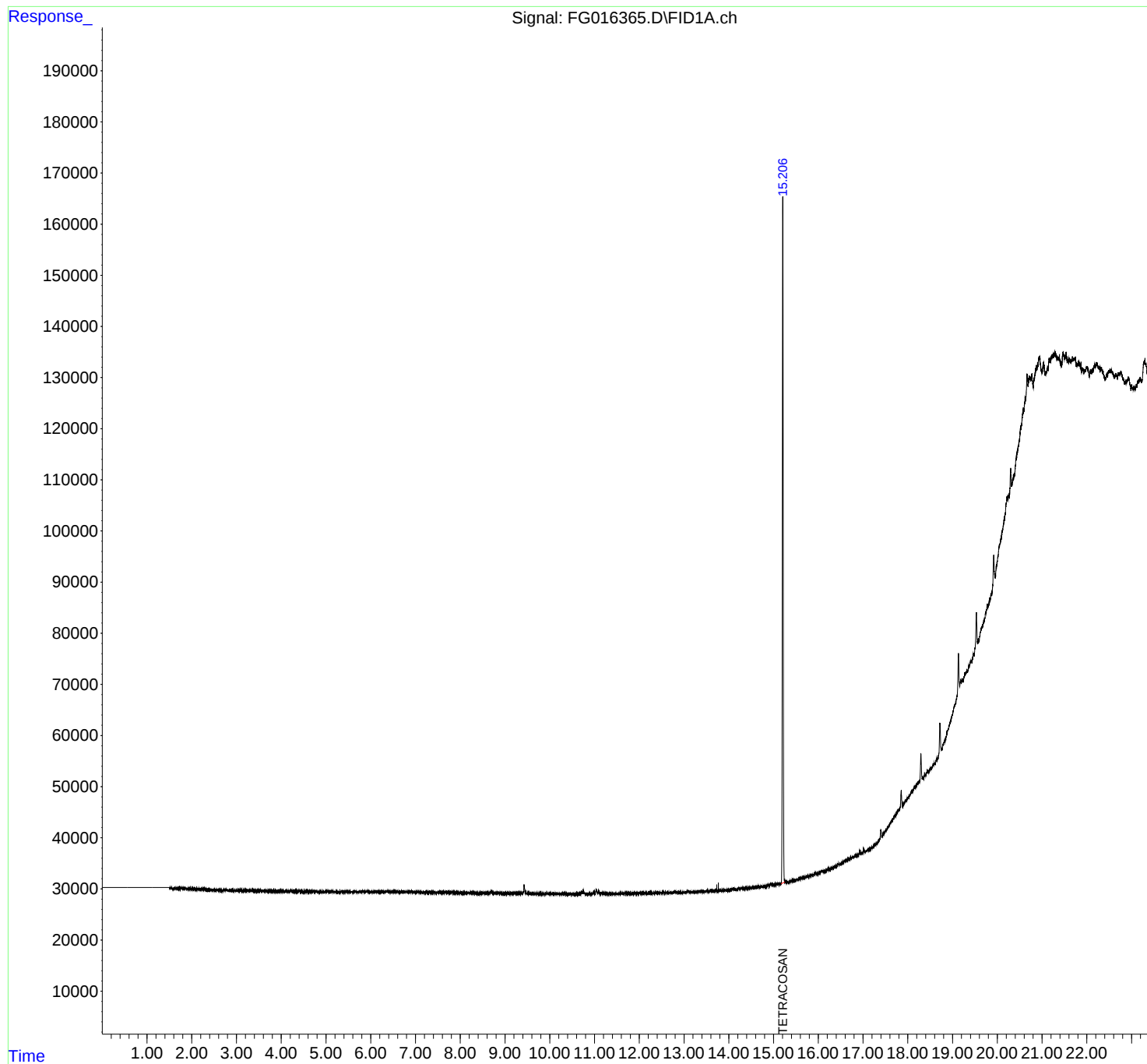
(m)=manual int.

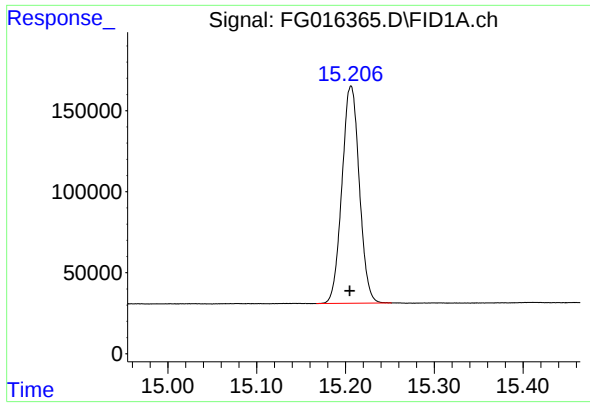
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016365.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 10:50
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Aug 26 06:42:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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.: 15.206 min
Delta R.T.: 0.001 min
Response: 1822877
Conc: 19.13 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016365.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 10:50
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.206	15.166	15.269	BV	134132	1828631	100.00%	100.000%
Sum of corrected areas:						1828631		

FG080525.M Tue Aug 26 07:24:32 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	08/25/25
Project:	507 Franklin Ave	Date Received:	08/25/25
Client Sample ID:	PIBLK-FG016377.D	SDG No.:	Q2868
Lab Sample ID:	I.BLK-FG016377.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TPH GC
GPC Factor :		Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016377.D	1		08/25/25	FG082525

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	17.6		29 - 130	88%	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\FG082525\
Data File : FG016377.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 17:35
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: Aug 26 06:45:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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...	15.201	1679437	17.627 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

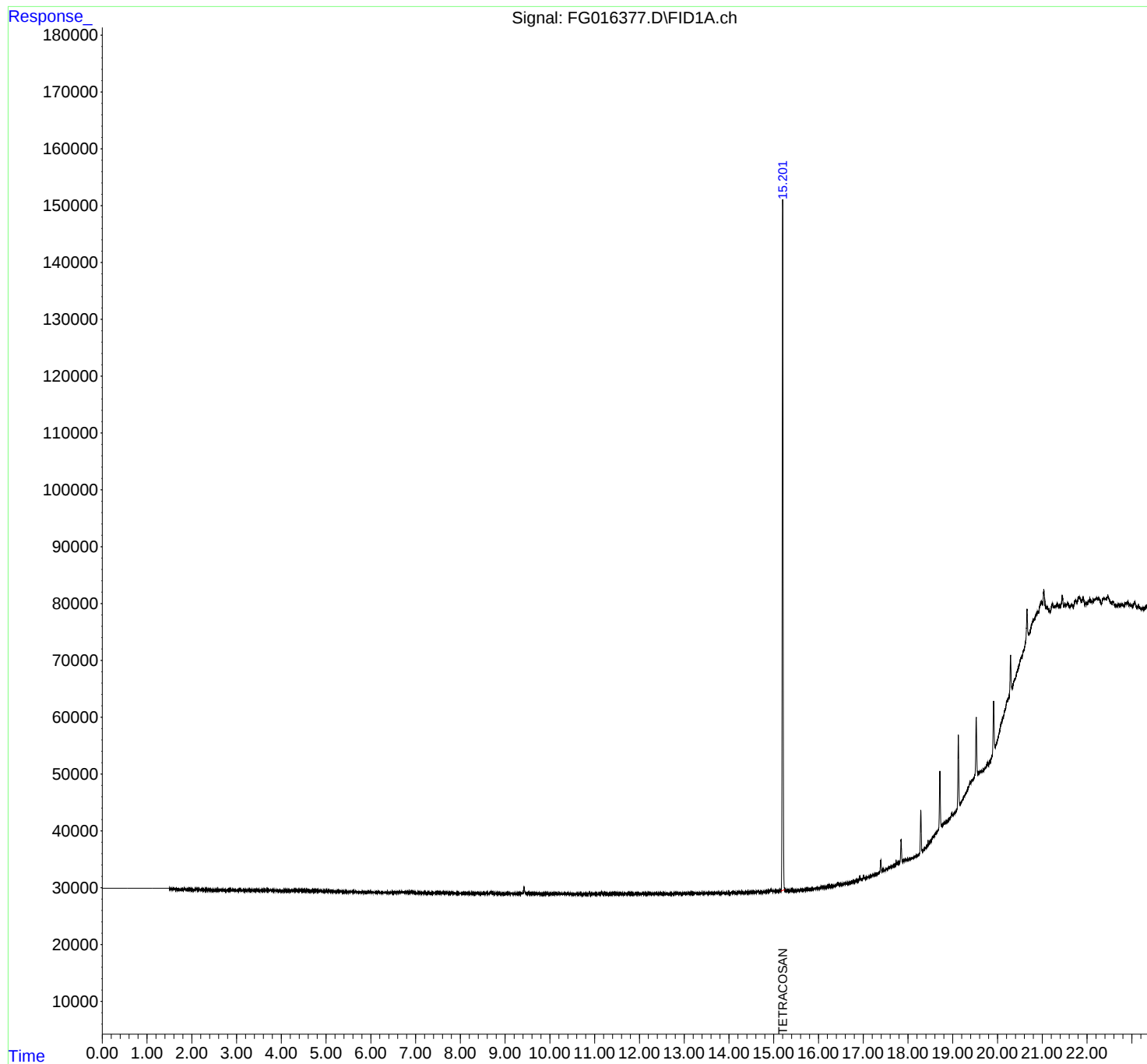
(m)=manual int.

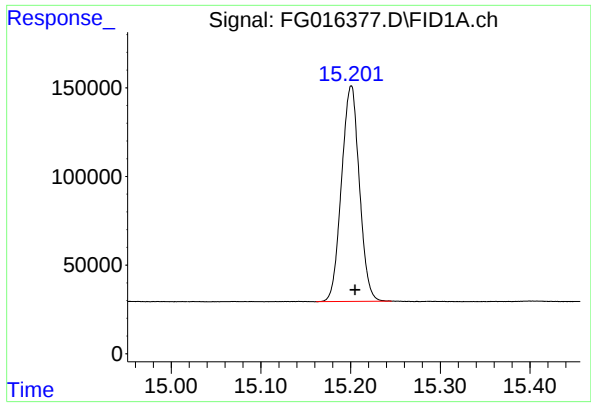
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016377.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 17:35
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Aug 26 06:45:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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.: 15.201 min
Delta R.T.: -0.004 min
Response: 1679437
Conc: 17.63 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016377.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 17:35
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.201	15.155	15.277	BB	121894	1689849	100.00%	100.000%
Sum of corrected areas:						1689849		

FG080525.M Tue Aug 26 07:44:18 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	08/25/25
Project:	507 Franklin Ave	Date Received:	08/25/25
Client Sample ID:	PIBLK-FG016379.D	SDG No.:	Q2868
Lab Sample ID:	I.BLK-FG016379.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	TPH GC
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016379.D	1		08/25/25	FG082525

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	18.3		29 - 130	91%	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\FG082525\
Data File : FG016379.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 19:04
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: Aug 26 07:46:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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...	15.199	1740492	18.268 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

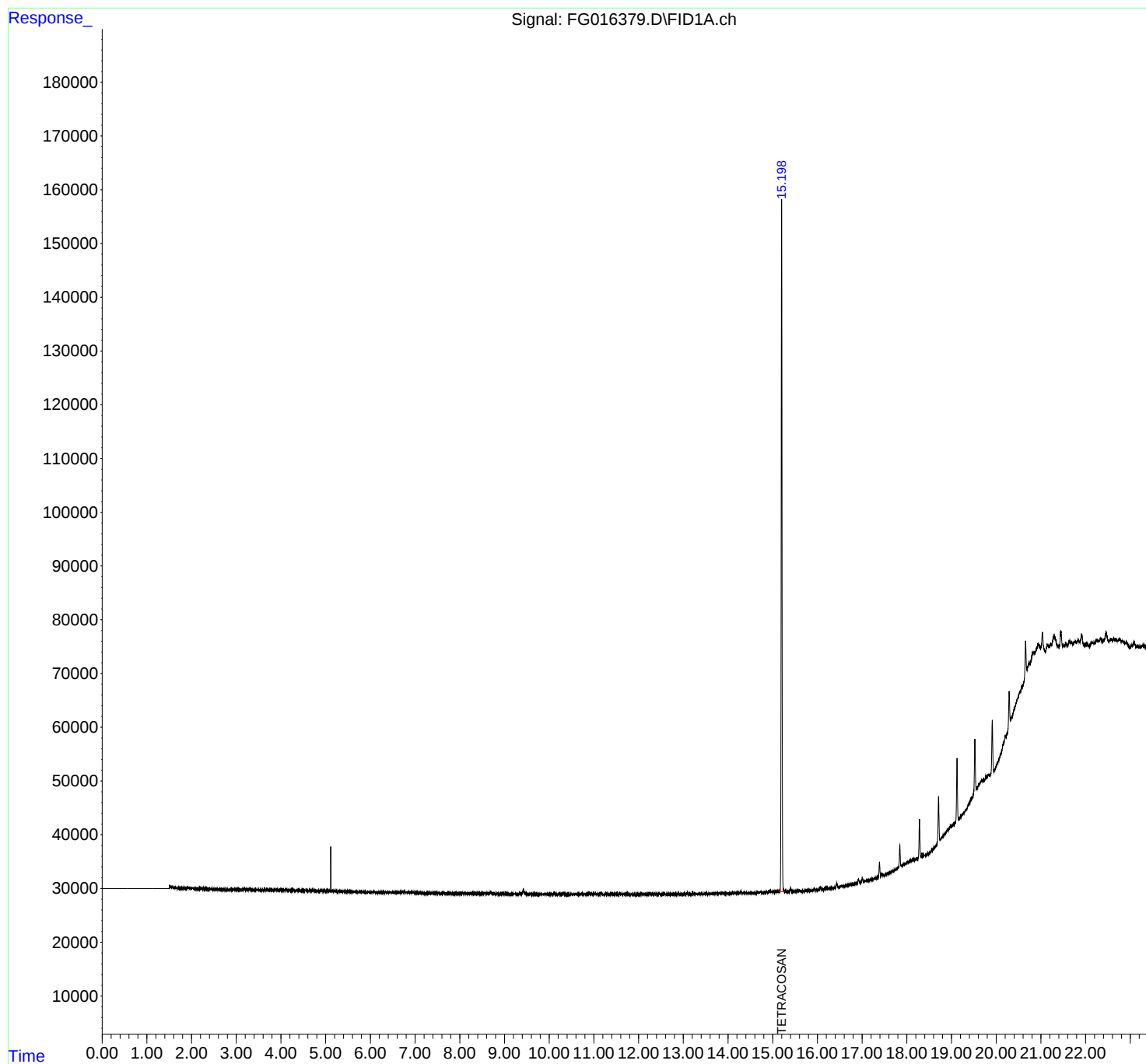
(m)=manual int.

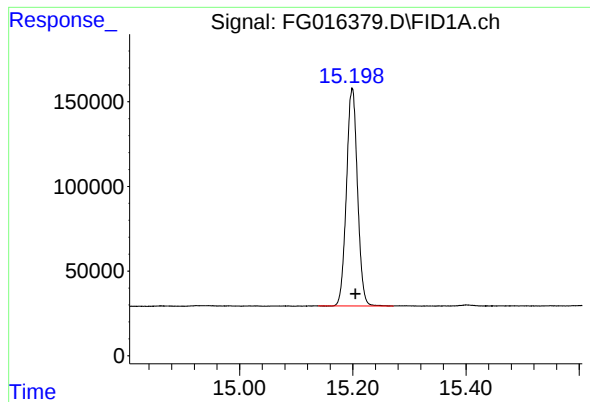
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016379.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 19:04
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Aug 26 07:46:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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.: 15.199 min
Delta R.T.: -0.006 min
Response: 1740492
Conc: 18.27 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016379.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 19:04
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.199	15.139	15.272	BB	128662	1740492	100.00%	100.000%
Sum of corrected areas:						1740492		

FG080525.M Tue Aug 26 07:46:57 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	08/25/25
Project:	507 Franklin Ave	Date Received:	08/25/25
Client Sample ID:	PIBLK-FG016385.D	SDG No.:	Q2868
Lab Sample ID:	I.BLK-FG016385.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	TPH GC
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016385.D	1		08/25/25	FG082525

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	21.7		29 - 130	109%	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\FG082525\
Data File : FG016385.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 23:02
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Aug 26 07:36:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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...	15.200	2068648	21.713 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

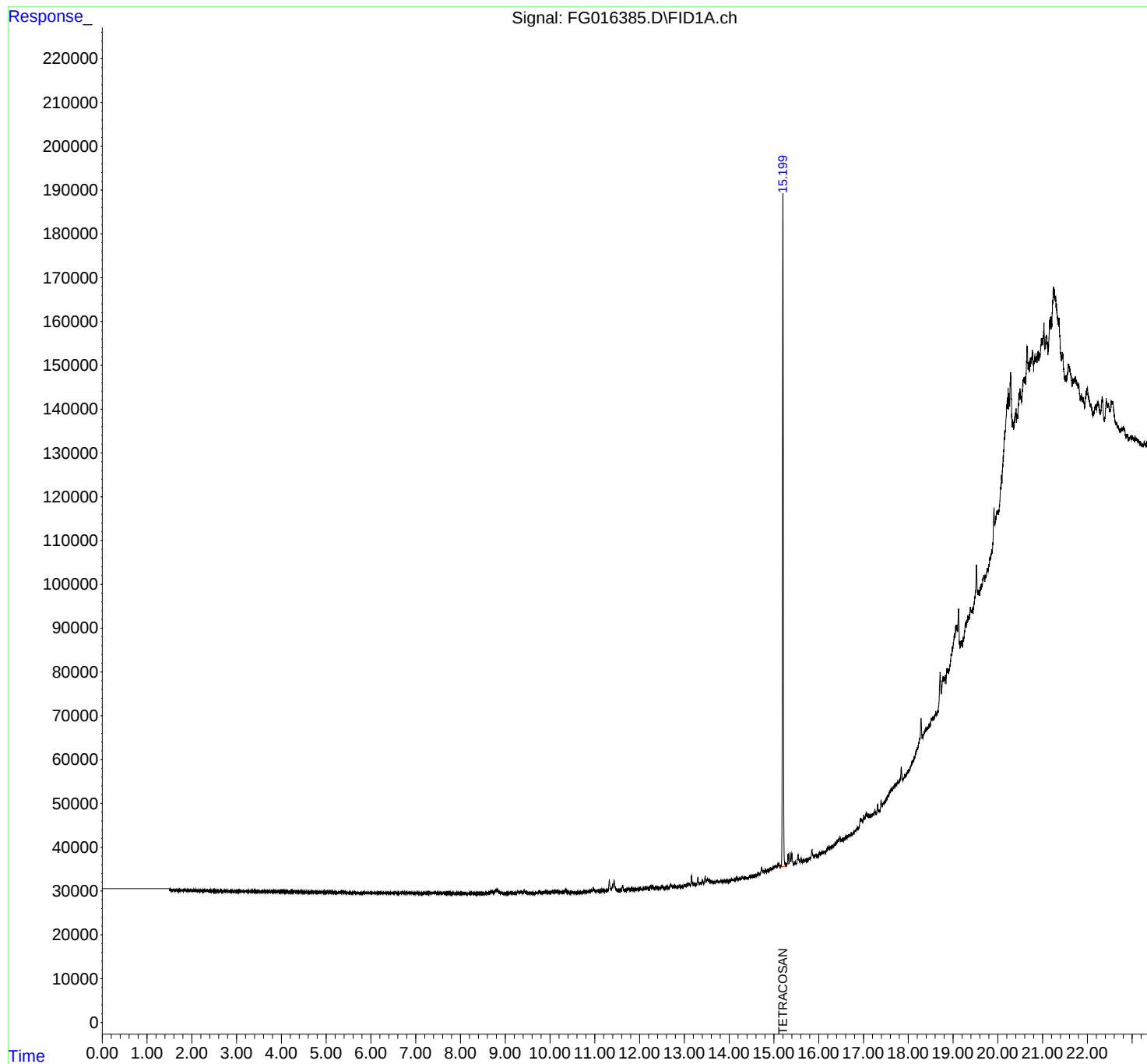
(m)=manual int.

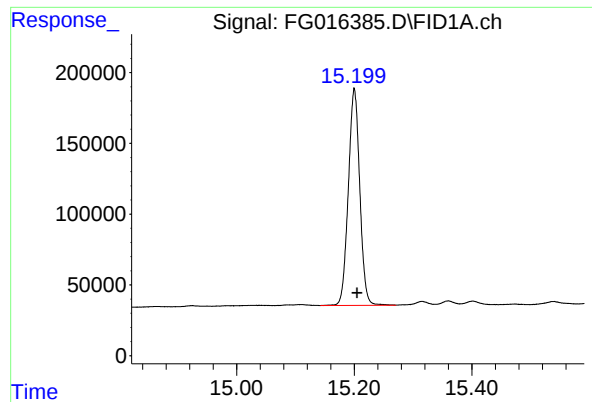
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016385.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 23:02
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Aug 26 07:36:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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.: 15.200 min
Delta R.T.: -0.005 min
Response: 2068648
Conc: 21.71 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016385.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 23:02
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.200	15.142	15.270	PV	153305	2068648	100.00%	100.000%
Sum of corrected areas:						2068648		

FG080525.M Tue Aug 26 07:58:21 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	08/26/25
Project:	507 Franklin Ave	Date Received:	08/26/25
Client Sample ID:	PIBLK-FG016388.D	SDG No.:	Q2868
Lab Sample ID:	I.BLK-FG016388.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
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
FG016388.D	1		08/26/25	FG082625

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	19.6		29 - 130	98%	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\FG082625\
Data File : FG016388.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 08:55
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 27 04:13:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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...	15.198	1864617	19.571 ug/ml

Target Compounds

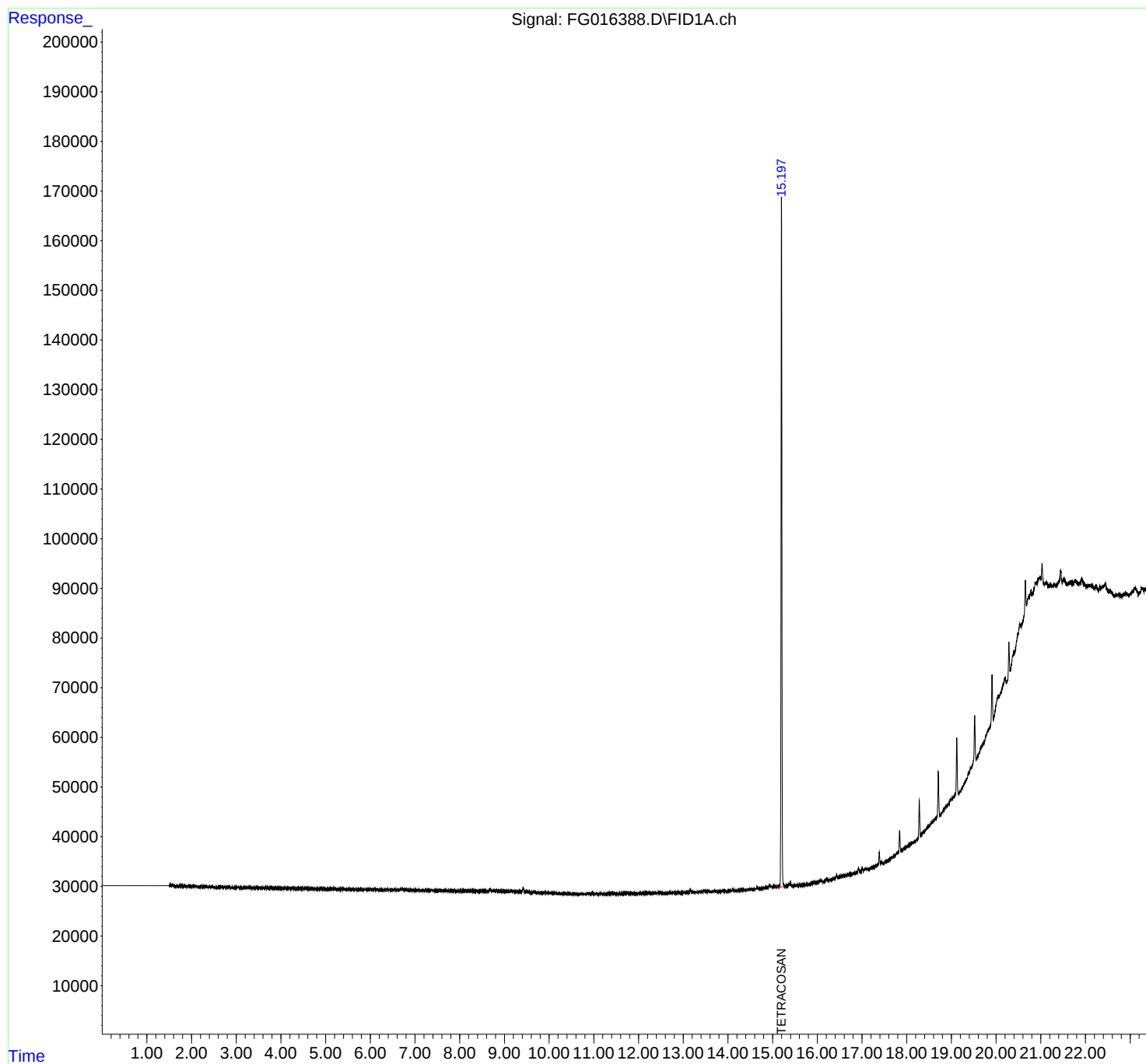
(f)=RT Delta > 1/2 Window

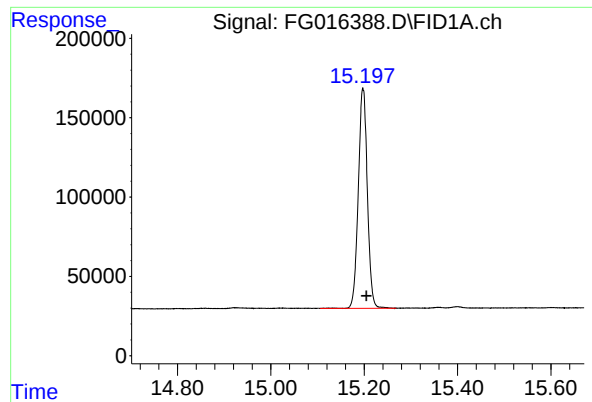
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
Data File : FG016388.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 08:55
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 27 04:13:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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.: 15.198 min
Delta R.T.: -0.007 min
Response: 1864617
Conc: 19.57 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
Data File : FG016388.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 08:55
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.198	15.106	15.267	BB	138593	1864617	100.00%	100.000%
Sum of corrected areas:						1864617		

FG080525.M Wed Aug 27 05:19:08 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	08/26/25
Project:	507 Franklin Ave	Date Received:	08/26/25
Client Sample ID:	PIBLK-FG016392.D	SDG No.:	Q2868
Lab Sample ID:	I.BLK-FG016392.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	TPH GC
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016392.D	1		08/26/25	FG082625

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	18.4		29 - 130	92%	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\FG082625\
Data File : FG016392.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 11:08
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 27 04:15:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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...	15.195	1754135	18.411 ug/ml

Target Compounds

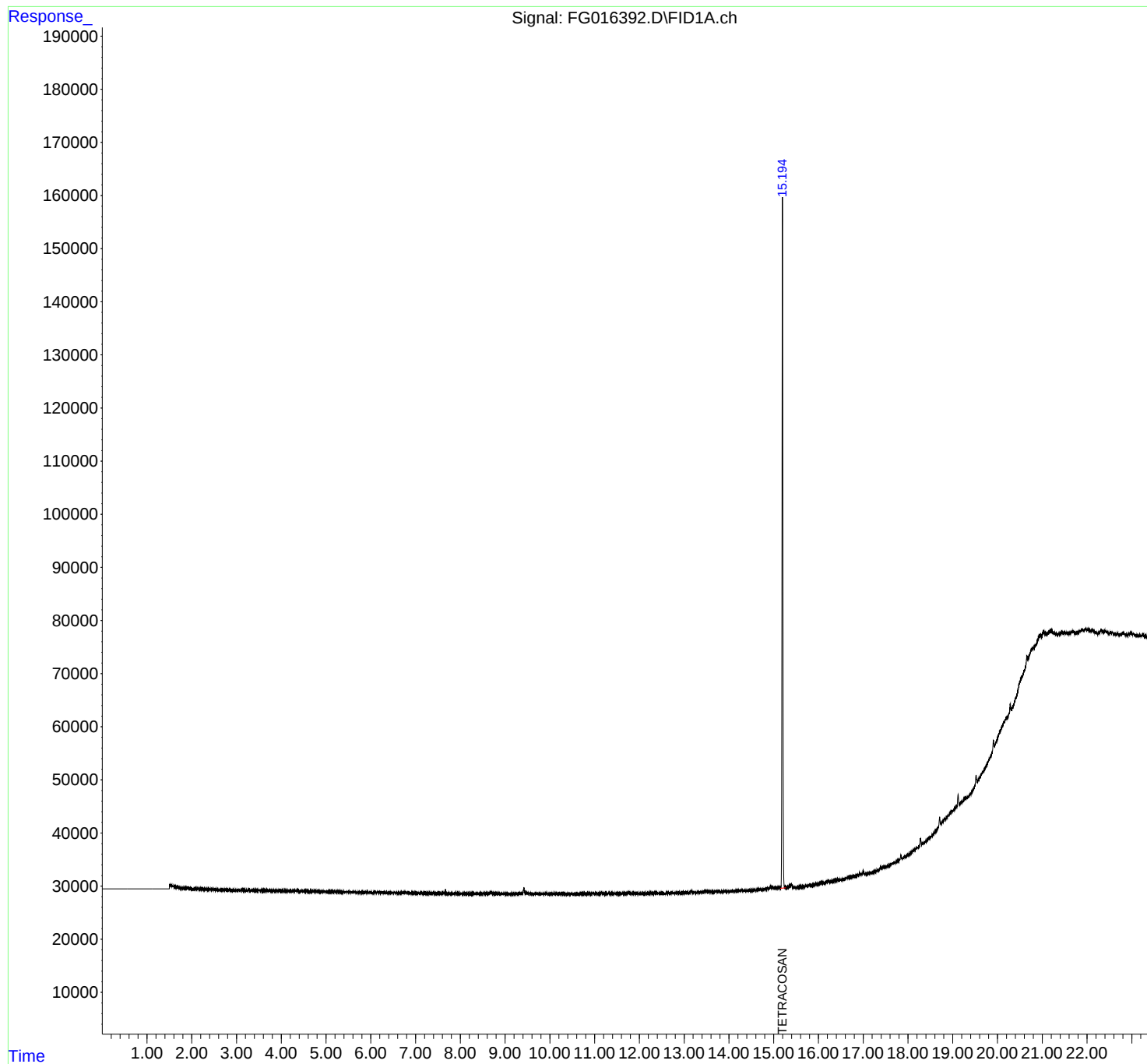
(f)=RT Delta > 1/2 Window

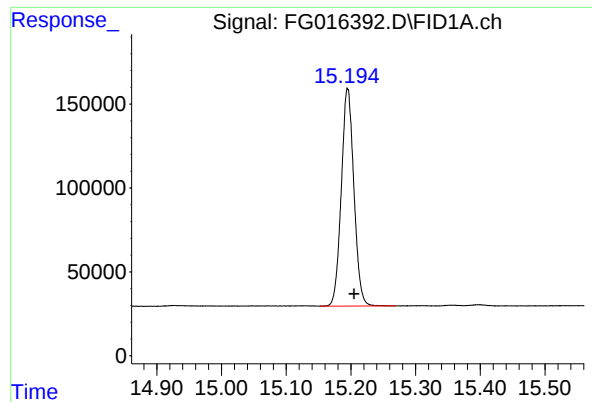
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
Data File : FG016392.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 11:08
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 27 04:15:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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.: 15.195 min
Delta R.T.: -0.010 min
Response: 1754135
Conc: 18.41 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
Data File : FG016392.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 11:08
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.195	15.152	15.269	BB	129549	1754135	100.00%	100.000%
Sum of corrected areas:						1754135		

FG080525.M Wed Aug 27 05:34:58 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:		
Project:	507 Franklin Ave		Date Received:		
Client Sample ID:	PB169373BS		SDG No.:	Q2868	
Lab Sample ID:	PB169373BS		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
FG016369.D	1	08/25/25 09:24	08/25/25 13:38	PB169373

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	10900		384	2830	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	22.0		37 - 130	110%	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\FG082525\
 Data File : FG016369.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2025 13:38
 Operator : YP\AJ
 Sample : PB169373BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB169373BS

Integration File: autoint1.e
 Quant Time: Aug 26 06:43:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.203	2096235	22.002 ug/ml
Target Compounds			
1) N-OCTANE	2.120	1693536	15.959 ug/ml
2) N-DECANE	4.666	2129058	19.702 ug/ml
3) N-DODECANE	6.850	2166550	19.935 ug/ml
4) N-TETRADECANE	8.692	2180624	19.944 ug/ml
5) N-HEXADECANE	10.312	2193918	20.184 ug/ml
6) N-OCTADECANE	11.767	2245670	20.302 ug/ml
7) N-EICOSANE	13.089	2296474	20.318 ug/ml
8) N-DOCOSANE	14.297	2221928	20.225 ug/ml
10) N-TETRACOSANE	15.408	2210056	20.170 ug/ml
11) N-HEXACOSANE	16.437	2138043	19.991 ug/ml
12) N-OCTACOSANE	17.394	2120451	19.683 ug/ml
13) N-TRIACONTANE	18.288	2084019	19.127 ug/ml
14) N-DOTRIACONTANE	19.127	1911062	18.143 ug/ml
15) N-TETRATRIACONTANE	19.917	1605067	16.845 ug/ml
16) N-HEXATRIACONTANE	20.662	1258761	16.846 ug/ml
17) N-OCTATRIACONTANE	21.456	1048484	17.487 ug/ml
18) N-TETRACONTANE	22.467	865628	20.595 ug/ml

(f)=RT Delta > 1/2 Window

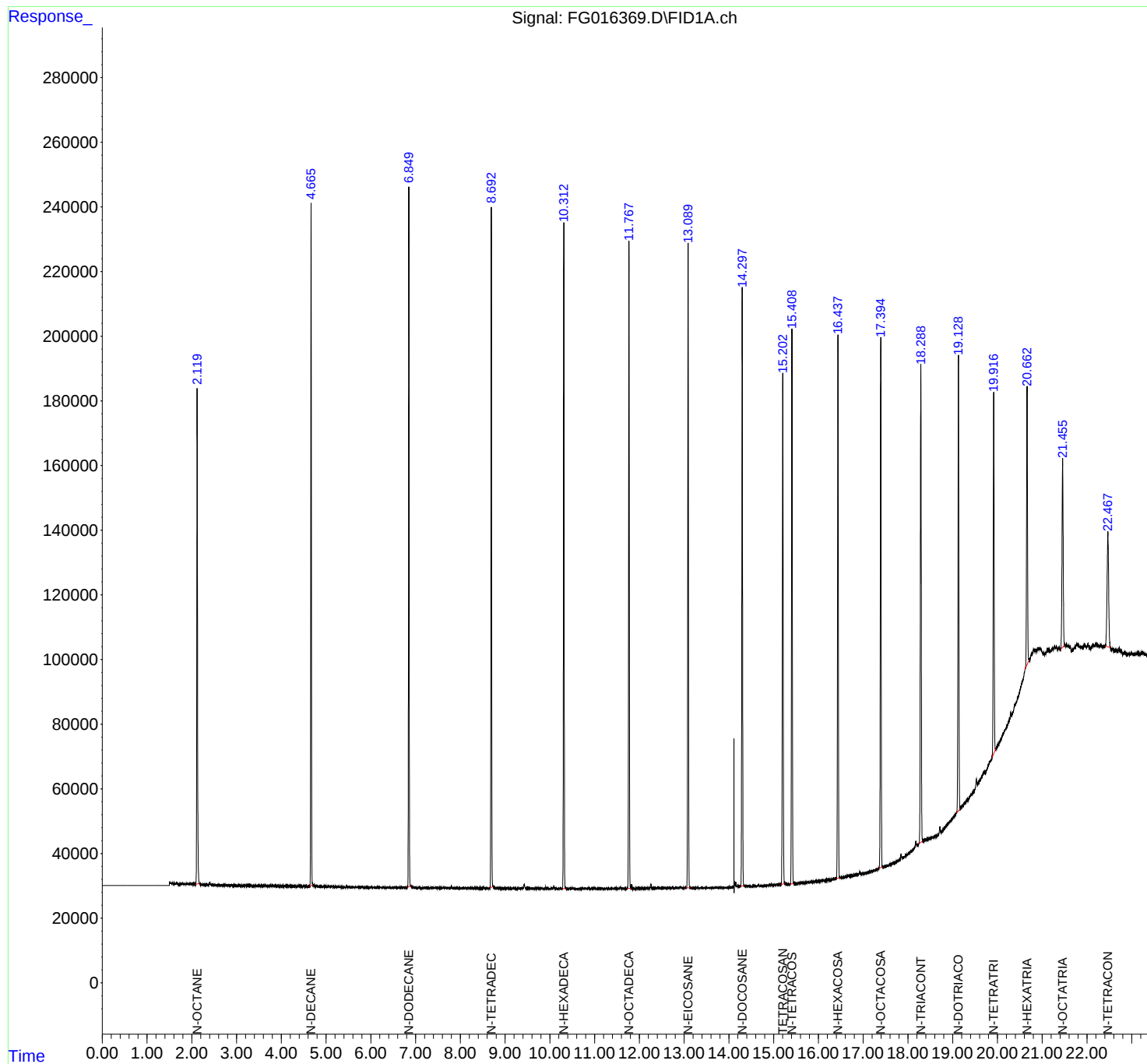
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016369.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 13:38
Operator : YP\AJ
Sample : PB169373BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB169373BS

Integration File: autoint1.e
Quant Time: Aug 26 06:43:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 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\FG082525\
Data File : FG016369.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 13:38
Sample : PB169373BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.120	2.069	2.197	BB	153016	1701506	73.99%	4.911%
2	4.666	4.612	4.744	BB	210997	2143494	93.21%	6.187%
3	6.850	6.800	6.932	BB	215721	2184189	94.98%	6.305%
4	8.692	8.637	8.789	BB	210537	2199968	95.66%	6.350%
5	10.312	10.264	10.387	BB	206097	2199655	95.65%	6.349%
6	11.767	11.637	11.824	BV	199799	2254049	98.02%	6.506%
7	13.089	12.960	13.142	BB	198829	2299682	100.00%	6.638%
8	14.297	14.262	14.364	BB	185166	2227802	96.87%	6.430%
9	15.203	15.109	15.277	BV	156852	2110648	91.78%	6.092%
10	15.408	15.277	15.464	VB	172136	2211856	96.18%	6.384%
11	16.437	16.287	16.489	BB	167641	2141522	93.12%	6.181%
12	17.394	16.954	17.452	BB	163625	2094171	91.06%	6.045%
13	18.288	18.203	18.335	VV	147424	2165105	94.15%	6.249%
14	19.127	18.735	19.166	PV	138989	1884406	81.94%	5.439%
15	19.917	19.620	19.964	BV	111453	1562996	67.97%	4.511%
16	20.662	20.625	20.697	BV	86519	1289757	56.08%	3.723%
17	21.457	21.410	21.519	BV	58277	1068267	46.45%	3.083%
18	22.467	22.380	22.540	BV	36199	905629	39.38%	2.614%
Sum of corrected areas:							34644701	

FG080525.M Tue Aug 26 07:32:03 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	08/12/25	
Project:	507 Franklin Ave		Date Received:	08/13/25	
Client Sample ID:	WASTEMS		SDG No.:	Q2868	
Lab Sample ID:	Q2868-01MS		Matrix:	SOIL	
Analytical Method:	8015D TPH		% Solid:	93.3	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
FG016382.D	1	08/25/25 09:24	08/25/25 21:33	PB169373

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	749000	E	411	3030	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	73.1	*	37 - 130	366%	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\FG082525\
 Data File : FG016382.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2025 21:33
 Operator : YP\AJ
 Sample : Q2868-01MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2025
 Supervised By :mohammad ahmed 08/27/2025

Integration File: autoint1.e
 Quant Time: Aug 26 07:49:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.194	6964179	73.096 ug/mlm
Target Compounds			
1) N-OCTANE	2.114	1618433	15.251 ug/ml
2) N-DECANE	4.663	1862712	17.237 ug/ml
3) N-DODECANE	6.847	2110110	19.416 ug/ml
4) N-TETRADECANE	8.690	2846655	26.035 ug/ml
5) N-HEXADECANE	10.312	2201238	20.251 ug/ml
6) N-OCTADECANE	11.771	3078895	27.834 ug/ml
7) N-EICOSANE	13.094	24133139	213.520 ug/mlm
8) N-DOCOSANE	14.302	3297510	30.016 ug/ml
10) N-TETRACOSANE	15.432	37725465	344.299 ug/mlm
11) N-HEXACOSANE	16.444	2414933	22.580 ug/mlm
12) N-OCTACOSANE	17.437	52394680	486.342 ug/mlm
13) N-TRIACONTANE	18.297	2852893	26.183 ug/ml
14) N-DOTRIACONTANE	19.137	6529844	61.994 ug/ml
15) N-TETRATRIACONTANE	19.926	2333396	24.488 ug/ml
16) N-HEXATRIACONTANE	20.637	21394346	286.327 ug/mlm
17) N-OCTATRIACONTANE	21.463	1443919	24.082 ug/mlm
18) N-TETRACONTANE	22.417	526429	12.524 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016382.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 21:33
Operator : YP\AJ
Sample : Q2868-01MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

WASTEMS

Manual Integrations

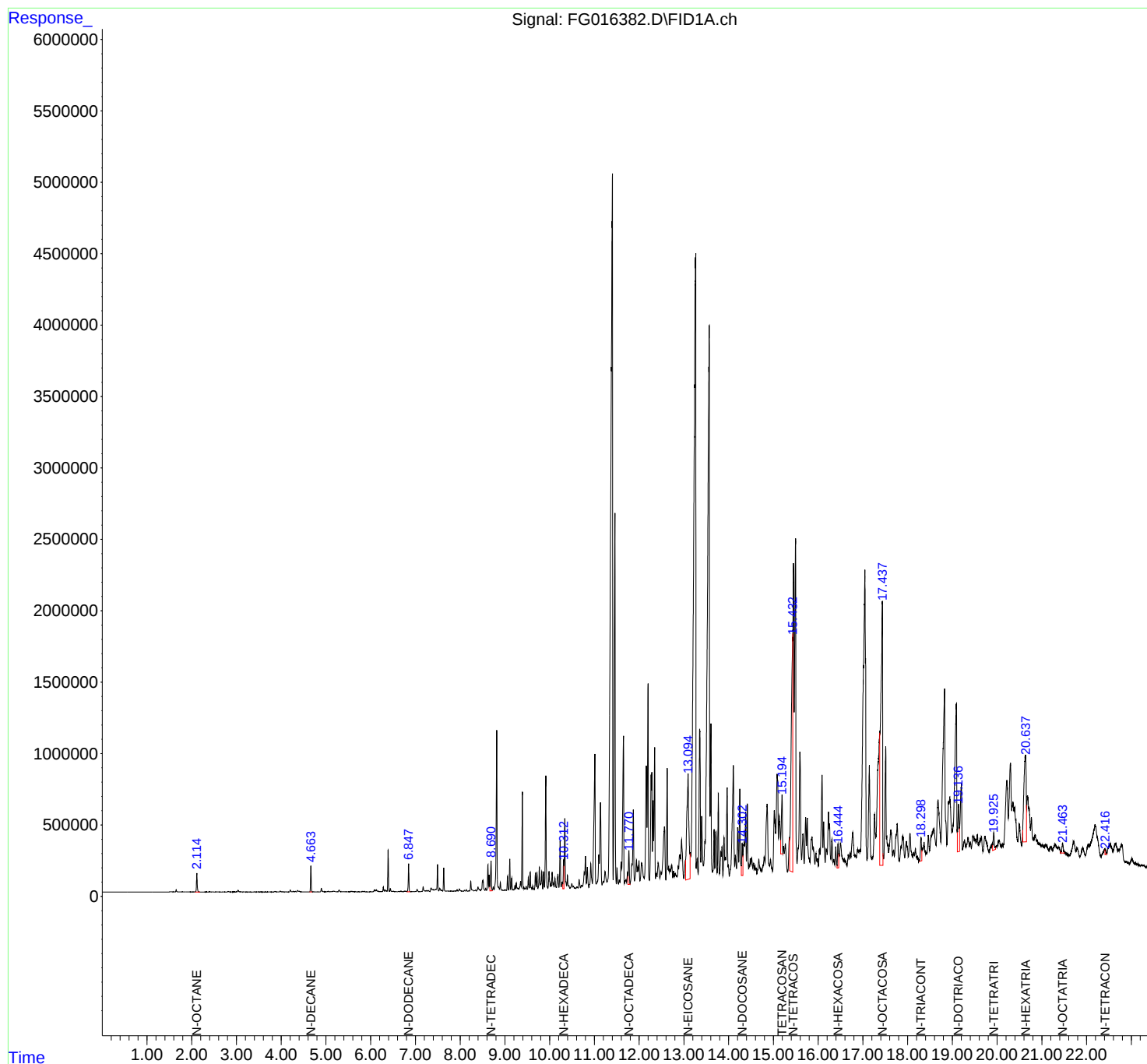
APPROVED

Reviewed By :Yogesh Patel 08/26/2025

Supervised By :mohammad ahmed 08/27/2025

Integration File: autoint1.e
Quant Time: Aug 26 07:49:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Instrument :

FID_G

ClientSampleId :

WASTEMS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/26/2025

Supervised By :mohammad ahmed 08/27/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG08252
Data File : FG016382.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 21:33
Sample : Q2868-01MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.050	2.018	2.077	BV	1571	19995	0.01%	0.001%
2	2.114	2.077	2.198	VV	132492	1622463	1.12%	0.078%
3	2.211	2.198	2.250	VV	254	3818	0.00%	0.000%
4	2.255	2.250	2.259	VV	155	373	0.00%	0.000%
5	2.273	2.259	2.288	PV	231	2597	0.00%	0.000%
6	2.304	2.288	2.364	VV	705	14603	0.01%	0.001%
7	2.366	2.364	2.370	VV	194	349	0.00%	0.000%
8	2.394	2.370	2.429	PV	4303	51663	0.04%	0.002%
9	2.448	2.429	2.459	VV	1090	12010	0.01%	0.001%
10	2.468	2.459	2.514	VV	963	18090	0.01%	0.001%
11	2.535	2.514	2.547	VV	1572	18503	0.01%	0.001%
12	2.551	2.547	2.561	VV	1060	8364	0.01%	0.000%
13	2.568	2.561	2.579	VV	1061	10175	0.01%	0.000%
14	2.582	2.579	2.671	VV	982	23490	0.02%	0.001%
15	2.698	2.671	2.715	VV	973	14182	0.01%	0.001%
16	2.722	2.715	2.776	VV	751	11088	0.01%	0.001%
17	2.781	2.776	2.785	VV	94	292	0.00%	0.000%
18	2.810	2.785	2.860	PV	4353	84524	0.06%	0.004%
19	2.884	2.860	2.898	VV	719	12165	0.01%	0.001%
20	2.904	2.898	2.933	VV	570	9371	0.01%	0.000%
21	2.964	2.933	2.985	VV	484	12451	0.01%	0.001%
22	3.036	2.985	3.074	VV	12808	225544	0.16%	0.011%
23	3.090	3.074	3.122	VV	2354	37095	0.03%	0.002%
24	3.129	3.122	3.146	VV	730	8463	0.01%	0.000%
25	3.171	3.146	3.196	VV	946	20233	0.01%	0.001%
26	3.199	3.196	3.225	VV	502	6731	0.00%	0.000%
27	3.240	3.225	3.283	VV	545	11521	0.01%	0.001%
28	3.305	3.283	3.356	VV	520	12829	0.01%	0.001%
29	3.399	3.356	3.441	VV	1618	35079	0.02%	0.002%
30	3.454	3.441	3.504	VV	1211	31158	0.02%	0.001%
31	3.516	3.504	3.532	VV	523	6567	0.00%	0.000%
32	3.545	3.532	3.560	VV	555	6599	0.00%	0.000%
33	3.577	3.560	3.598	VV	420	6130	0.00%	0.000%
34	3.625	3.598	3.671	VV	609	12373	0.01%	0.001%
35	3.689	3.671	3.705	PV	378	4422	0.00%	0.000%
36	3.719	3.705	3.733	VV	721	9570	0.01%	0.000%

37	3.745	3.733	3.782	VV	1013	18057	0.01%	0.001%
38	3.789	3.782	3.796	VV	281	2033	0.01%	0.001%
39	3.801	3.796	3.815	VV	263	2375	0.01%	0.001%
40	3.825	3.815	3.832	VV	359	1599	0.01%	0.001%
41	3.859	3.832	3.920	VV	4832	101487	0.09%	0.006%
42	3.935	3.920	3.956	VV	901	13798	0.01%	0.001%
43	3.976	3.956	4.030	VV	7303	124523	0.09%	0.006%
44	4.043	4.030	4.067	VV	1632	21457	0.01%	0.001%
45	4.092	4.067	4.125	VV	1912	28400	0.02%	0.001%
46	4.129	4.125	4.152	VV	404	3906	0.00%	0.000%
47	4.203	4.152	4.244	PV	14907	204107	0.14%	0.010%
48	4.268	4.244	4.295	VV	5783	84486	0.06%	0.004%
49	4.315	4.295	4.344	VV	4899	72589	0.05%	0.003%
50	4.365	4.344	4.395	VV	11474	195535	0.13%	0.009%
51	4.406	4.395	4.441	VV	5683	84349	0.06%	0.004%
52	4.451	4.441	4.470	VV	1426	18798	0.01%	0.001%
53	4.474	4.470	4.512	VV	898	13523	0.01%	0.001%
54	4.524	4.512	4.535	VV	247	2792	0.00%	0.000%
55	4.558	4.535	4.586	VV	555	11055	0.01%	0.001%
56	4.620	4.586	4.635	VV	660	14066	0.01%	0.001%
57	4.663	4.635	4.692	VV	183237	1872849	1.29%	0.090%
58	4.705	4.692	4.723	VV	2340	25889	0.02%	0.001%
59	4.739	4.723	4.771	VV	1233	21172	0.01%	0.001%
60	4.777	4.771	4.810	VV	598	10207	0.01%	0.000%
61	4.826	4.810	4.865	VV	1530	20341	0.01%	0.001%
62	4.898	4.865	4.944	VV	25809	355150	0.24%	0.017%
63	4.948	4.944	4.963	VV	2154	22602	0.02%	0.001%
64	4.970	4.963	4.992	VV	1779	24963	0.02%	0.001%
65	5.004	4.992	5.010	VV	1222	12612	0.01%	0.001%
66	5.030	5.010	5.035	VV	2468	27387	0.02%	0.001%
67	5.050	5.035	5.094	VV	5823	102126	0.07%	0.005%
68	5.111	5.094	5.135	VV	3248	53225	0.04%	0.003%
69	5.165	5.135	5.236	VV	5806	219101	0.15%	0.010%
70	5.250	5.236	5.265	VV	1776	24136	0.02%	0.001%
71	5.295	5.265	5.346	VV	13480	237459	0.16%	0.011%
72	5.354	5.346	5.362	VV	1306	11637	0.01%	0.001%
73	5.378	5.362	5.409	VV	2402	50336	0.03%	0.002%
74	5.427	5.409	5.444	VV	2373	32873	0.02%	0.002%
75	5.458	5.444	5.477	VV	2238	29336	0.02%	0.001%
76	5.488	5.477	5.502	VV	1128	14926	0.01%	0.001%
77	5.516	5.502	5.535	VV	1644	20016	0.01%	0.001%
78	5.556	5.535	5.569	VV	4779	56691	0.04%	0.003%
79	5.580	5.569	5.599	VV	4457	59007	0.04%	0.003%
80	5.612	5.599	5.643	VV	3264	49715	0.03%	0.002%
81	5.685	5.643	5.701	VV	1258	31455	0.02%	0.002%
82	5.717	5.701	5.731	VV	1691	18561	0.01%	0.001%
83	5.747	5.731	5.790	VV	2257	29606	0.02%	0.001%
84	5.810	5.790	5.827	PV	4387	49714	0.03%	0.002%
85	5.842	5.827	5.850	VV	4073	42549	0.03%	0.002%
86	5.860	5.850	5.878	VV	4421	48344	0.03%	0.002%
87	5.883	5.878	5.896	VV	1216	9965	0.01%	0.000%
88	5.909	5.896	5.933	VV	983	13987	0.01%	0.001%
89	5.943	5.933	5.952	VV	318	2226	0.00%	0.000%

Instrument :

FID_G

ClientSampleId :

WASTEMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/26/2025

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90	5.972	5.952	5.985	PV	964	11972	0.01%	0.001%
91	6.004	5.985	6.032	VV	2266	34133		
92	6.086	6.032	6.102	VV	16341	234405		
93	6.126	6.102	6.144	VV	15241	251621		
94	6.149	6.144	6.189	VV	5708	111031		
95	6.204	6.189	6.214	VV	2449	31016		
96	6.229	6.214	6.259	VV	3029	60040	0.04%	0.003%
97	6.282	6.259	6.304	VV	34608	385918	0.27%	0.018%
98	6.320	6.304	6.338	VV	14279	190853	0.13%	0.009%
99	6.352	6.338	6.366	VV	8190	108876	0.07%	0.005%
100	6.389	6.366	6.419	VV	292594	2950213	2.03%	0.141%
101	6.439	6.419	6.474	VV	23093	302379	0.21%	0.014%
102	6.490	6.474	6.498	VV	3356	39816	0.03%	0.002%
103	6.508	6.498	6.565	VV	4642	85549	0.06%	0.004%
104	6.578	6.565	6.599	VV	1544	21448	0.01%	0.001%
105	6.616	6.599	6.628	VV	3025	32507	0.02%	0.002%
106	6.638	6.628	6.654	VV	2503	32391	0.02%	0.002%
107	6.673	6.654	6.723	VV	5343	91981	0.06%	0.004%
108	6.755	6.723	6.781	VV	5215	97793	0.07%	0.005%
109	6.795	6.781	6.812	VV	3598	47495	0.03%	0.002%
110	6.847	6.812	6.875	VV	197226	2111886	1.45%	0.101%
111	6.881	6.875	6.899	VV	1772	15491	0.01%	0.001%
112	6.916	6.899	6.950	PV	1993	27369	0.02%	0.001%
113	6.964	6.950	6.986	VV	1727	21592	0.01%	0.001%
114	7.004	6.986	7.019	VV	2398	34088	0.02%	0.002%
115	7.037	7.019	7.073	VV	17001	222029	0.15%	0.011%
116	7.079	7.073	7.095	VV	760	5816	0.00%	0.000%
117	7.138	7.095	7.150	VV	2774	32406	0.02%	0.002%
118	7.172	7.150	7.219	VV	33898	486674	0.33%	0.023%
119	7.243	7.219	7.253	VV	7857	118854	0.08%	0.006%
120	7.262	7.253	7.275	VV	7807	84344	0.06%	0.004%
121	7.288	7.275	7.321	VV	8512	123135	0.08%	0.006%
122	7.347	7.321	7.379	VV	24761	509193	0.35%	0.024%
123	7.395	7.379	7.413	VV	16010	267850	0.18%	0.013%
124	7.443	7.413	7.457	VV	16815	355416	0.24%	0.017%
125	7.493	7.457	7.519	VV	189935	2059771	1.42%	0.099%
126	7.542	7.519	7.571	VV	24348	420595	0.29%	0.020%
127	7.588	7.571	7.610	VV	9033	143951	0.10%	0.007%
128	7.632	7.610	7.669	VV	166098	1663606	1.14%	0.080%
129	7.679	7.669	7.690	VV	3307	35276	0.02%	0.002%
130	7.707	7.690	7.715	VV	3691	45668	0.03%	0.002%
131	7.725	7.715	7.739	VV	4189	44885	0.03%	0.002%
132	7.754	7.739	7.783	VV	3307	57868	0.04%	0.003%
133	7.801	7.783	7.816	VV	4342	53760	0.04%	0.003%
134	7.822	7.816	7.835	VV	1983	15962	0.01%	0.001%
135	7.859	7.835	7.875	VV	3946	58290	0.04%	0.003%
136	7.889	7.875	7.909	VV	4074	56255	0.04%	0.003%
137	7.931	7.909	7.948	VV	12861	150349	0.10%	0.007%
138	7.985	7.948	8.027	VV	16026	330044	0.23%	0.016%
139	8.032	8.027	8.051	VV	2987	31499	0.02%	0.002%
140	8.054	8.051	8.071	VV	1212	7543	0.01%	0.000%
141	8.093	8.071	8.113	PV	8039	98532	0.07%	0.005%

Instrument :

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rteres							
142	8.136	8.113	8.165	VV	12426	145151	0.10% 0.007%
143	8.193	8.165	8.208	VV	2785	43730	
144	8.236	8.208	8.258	VV	71316	815490	
145	8.264	8.258	8.306	VV	10982	195670	
146	8.321	8.306	8.327	VV	3843	37437	
147	8.342	8.327	8.359	VV	8598	104828	
148	8.398	8.359	8.454	VV	29281	683128	0.47% 0.033%
149	8.471	8.454	8.479	VV	13126	149297	0.10% 0.007%
150	8.498	8.479	8.505	VV	69190	699010	0.48% 0.033%
151	8.513	8.505	8.553	VV	75705	900358	0.62% 0.043%
152	8.570	8.553	8.589	VV	20438	241033	0.17% 0.012%
153	8.620	8.589	8.635	VV	185417	1990435	1.37% 0.095%
154	8.648	8.635	8.662	VV	112989	1158428	0.80% 0.055%
155	8.690	8.662	8.720	VV	208700	2855007	1.96% 0.137%
156	8.740	8.720	8.757	VV	28113	356033	0.24% 0.017%
157	8.818	8.757	8.850	VV	1123468	14329934	9.86% 0.686%
158	8.857	8.850	8.880	VV	26379	349075	0.24% 0.017%
159	8.898	8.880	8.934	VV	59551	711971	0.49% 0.034%
160	8.945	8.934	8.961	VV	5062	53351	0.04% 0.003%
161	8.986	8.961	8.999	VV	3875	49399	0.03% 0.002%
162	9.011	8.999	9.034	VV	5785	64434	0.04% 0.003%
163	9.059	9.034	9.085	PV	100936	1072392	0.74% 0.051%
164	9.109	9.085	9.129	VV	221075	2175435	1.50% 0.104%
165	9.151	9.129	9.175	VV	85697	989774	0.68% 0.047%
166	9.183	9.175	9.198	VV	6453	61560	0.04% 0.003%
167	9.224	9.198	9.238	VV	34027	380452	0.26% 0.018%
168	9.254	9.238	9.271	VV	52097	585934	0.40% 0.028%
169	9.276	9.271	9.292	VV	16476	176190	0.12% 0.008%
170	9.300	9.292	9.314	VV	11678	133746	0.09% 0.006%
171	9.352	9.314	9.366	VV	61340	1019002	0.70% 0.049%
172	9.391	9.366	9.411	VV	687839	7408545	5.10% 0.355%
173	9.423	9.411	9.448	VV	21721	296717	0.20% 0.014%
174	9.476	9.448	9.497	VV	24439	369813	0.25% 0.018%
175	9.524	9.497	9.545	VV	88958	1027024	0.71% 0.049%
176	9.565	9.545	9.604	VV	123300	1457288	1.00% 0.070%
177	9.623	9.604	9.651	VV	27376	310231	0.21% 0.015%
178	9.683	9.651	9.699	VV	117064	1386075	0.95% 0.066%
179	9.716	9.699	9.734	VV	120910	1277471	0.88% 0.061%
180	9.769	9.734	9.790	VV	156674	2010048	1.38% 0.096%
181	9.822	9.790	9.844	VV	125662	1891942	1.30% 0.091%
182	9.865	9.844	9.883	VV	123025	1383643	0.95% 0.066%
183	9.913	9.883	9.960	VV	792311	9991504	6.87% 0.479%
184	9.986	9.960	10.017	VV	126055	2013861	1.39% 0.096%
185	10.027	10.017	10.036	VV	32835	296723	0.20% 0.014%
186	10.055	10.036	10.074	VV	119293	1595809	1.10% 0.076%
187	10.083	10.074	10.098	VV	43569	464994	0.32% 0.022%
188	10.118	10.098	10.151	VV	77397	1147791	0.79% 0.055%
189	10.184	10.151	10.207	VV	102589	1842851	1.27% 0.088%
190	10.233	10.207	10.259	VV	334205	3862101	2.66% 0.185%
191	10.281	10.259	10.292	VV	49647	706615	0.49% 0.034%
192	10.312	10.292	10.320	VV	203073	2203120	1.52% 0.106%
193	10.338	10.320	10.379	VV	492197	6371216	4.38% 0.305%
194	10.397	10.379	10.418	VV	93852	1103983	0.76% 0.053%

Instrument :

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ClientSampleId :

WASTEMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025

195	10.427	10.418	10.457	VV	20506	279679	0.19%	0.013%
196	10.495	10.457	10.519	VV	32958	626366		
197	10.530	10.519	10.554	VV	17152	215394		
198	10.565	10.554	10.585	VV	2245	27599		
199	10.606	10.585	10.636	PV	9876	170339		
200	10.658	10.636	10.690	VV	59185	850179		
201	10.711	10.690	10.734	VV	20225	345275	0.24%	0.017%
202	10.772	10.734	10.781	VV	110949	1666101	1.15%	0.080%
203	10.799	10.781	10.820	VV	222358	3115935	2.14%	0.149%
204	10.841	10.820	10.875	VV	144989	2104303	1.45%	0.101%
205	10.918	10.875	10.955	VV	169206	3082036	2.12%	0.148%
206	11.010	10.955	11.039	VV	931857	18076606	12.43%	0.866%
207	11.098	11.039	11.109	VV	225757	3600121	2.48%	0.172%
208	11.135	11.109	11.170	VV	590952	10498588	7.22%	0.503%
209	11.197	11.170	11.210	VV	37807	679969	0.47%	0.033%
210	11.238	11.210	11.285	VV	106326	2726379	1.88%	0.131%
211	11.401	11.285	11.418	VV	4947695	141905595	97.61%	6.797%
212	11.458	11.418	11.490	VV	2577590	39595972	27.24%	1.897%
213	11.505	11.490	11.537	VV	123785	1421374	0.98%	0.068%
214	11.554	11.537	11.570	VV	40954	564013	0.39%	0.027%
215	11.597	11.570	11.611	VV	165402	2581047	1.78%	0.124%
216	11.650	11.611	11.671	VV	1043716	17029520	11.71%	0.816%
217	11.686	11.671	11.691	VV	32658	299366	0.21%	0.014%
218	11.702	11.691	11.718	VV	38089	523229	0.36%	0.025%
219	11.742	11.718	11.752	VV	91108	1241326	0.85%	0.059%
220	11.771	11.752	11.796	VV	243026	3220227	2.22%	0.154%
221	11.837	11.796	11.845	VV	147404	2221720	1.53%	0.106%
222	11.870	11.845	11.896	VV	524794	7670955	5.28%	0.367%
223	11.939	11.896	11.955	VV	174058	3405799	2.34%	0.163%
224	11.966	11.955	11.979	VV	123200	1607536	1.11%	0.077%
225	11.996	11.979	12.018	VV	165413	2364039	1.63%	0.113%
226	12.054	12.018	12.113	VV	151573	4907215	3.38%	0.235%
227	12.160	12.113	12.176	VV	824607	14872815	10.23%	0.712%
228	12.199	12.176	12.230	VV	1398762	17871066	12.29%	0.856%
229	12.267	12.230	12.275	VV	760284	9926024	6.83%	0.475%
230	12.283	12.275	12.295	VV	780672	7001833	4.82%	0.335%
231	12.311	12.295	12.325	VV	578462	7553060	5.20%	0.362%
232	12.347	12.325	12.365	VV	953051	12166248	8.37%	0.583%
233	12.384	12.365	12.400	VV	69840	1175990	0.81%	0.056%
234	12.427	12.400	12.463	VV	140761	3503701	2.41%	0.168%
235	12.487	12.463	12.501	VV	76524	1393061	0.96%	0.067%
236	12.566	12.501	12.597	VV	393733	11860091	8.16%	0.568%
237	12.627	12.597	12.648	VV	800692	10279710	7.07%	0.492%
238	12.658	12.648	12.674	VV	114436	1485751	1.02%	0.071%
239	12.691	12.674	12.704	VV	99298	1567034	1.08%	0.075%
240	12.730	12.704	12.752	VV	123087	2644048	1.82%	0.127%
241	12.769	12.752	12.785	VV	79547	1120705	0.77%	0.054%
242	12.803	12.785	12.822	VV	64524	1198839	0.82%	0.057%
243	12.827	12.822	12.842	VV	49864	550588	0.38%	0.026%
244	12.873	12.842	12.882	VV	106386	1664920	1.15%	0.080%
245	12.904	12.882	12.926	VV	191760	4257855	2.93%	0.204%
246	12.949	12.926	12.998	VV	297466	7260393	4.99%	0.348%

Instrument :

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Client Sampling Data						WASTES		
Client ID	Sample Size	Sample Mean	Sample Std Dev	Sample Var	Sample Skewness	Sample Kurtosis	Sample Mode	Sample Range
247	13.094	12.998	13.136	VV	753795	26978760	18.56%	1.292%
248	13.142	13.136	13.157	VV	201421	2391451	1.14%	0.080%
249	13.263	13.157	13.275	VV	4359588	145378058	100.69%	1.026%
250	13.296	13.275	13.318	VV	155617	2977680	2.48%	0.173%
251	13.353	13.318	13.378	VV	1059507	19464089	13.78%	0.890%
252	13.398	13.378	13.436	VV	450817	8622915	5.48%	0.382%
253	13.471	13.436	13.477	VV	274650	4726372	3.25%	0.226%
254	13.566	13.477	13.585	VV	3861975	117401509	80.76%	5.624%
255	13.605	13.585	13.638	VV	1093526	14810638	10.19%	0.709%
256	13.675	13.638	13.691	VV	350853	5119843	3.52%	0.245%
257	13.717	13.691	13.743	VV	334168	6732370	4.63%	0.322%
258	13.769	13.743	13.796	VV	602196	7925293	5.45%	0.380%
259	13.824	13.796	13.836	VV	196065	3005387	2.07%	0.144%
260	13.851	13.836	13.871	VV	229188	3249417	2.24%	0.156%
261	13.897	13.871	13.917	VV	291470	4758879	3.27%	0.228%
262	13.925	13.917	13.936	VV	152143	1663926	1.14%	0.080%
263	13.966	13.936	13.986	VV	641077	10279185	7.07%	0.492%
264	13.994	13.986	14.014	VV	100414	1124631	0.77%	0.054%
265	14.104	14.014	14.133	VV	791587	20832862	14.33%	0.998%
266	14.149	14.133	14.175	VV	164792	2990107	2.06%	0.143%
267	14.203	14.175	14.225	VV	357578	6260597	4.31%	0.300%
268	14.249	14.225	14.283	VV	625187	9646700	6.64%	0.462%
269	14.302	14.283	14.318	VV	241743	3704924	2.55%	0.177%
270	14.337	14.318	14.342	VV	237254	3013593	2.07%	0.144%
271	14.348	14.342	14.359	VV	240399	2400691	1.65%	0.115%
272	14.380	14.359	14.396	VV	464250	6856975	4.72%	0.328%
273	14.417	14.396	14.449	VV	518599	7674355	5.28%	0.368%
274	14.459	14.449	14.469	VV	87523	961911	0.66%	0.046%
275	14.484	14.469	14.497	VV	130884	1777204	1.22%	0.085%
276	14.512	14.497	14.540	VV	138032	2810036	1.93%	0.135%
277	14.556	14.540	14.575	VV	100769	1691148	1.16%	0.081%
278	14.587	14.575	14.605	VV	84953	1245209	0.86%	0.060%
279	14.614	14.605	14.630	VV	68834	747711	0.51%	0.036%
280	14.674	14.630	14.715	VV	126145	3611244	2.48%	0.173%
281	14.729	14.715	14.745	VV	55156	817969	0.56%	0.039%
282	14.796	14.745	14.813	VV	139202	3847817	2.65%	0.184%
283	14.859	14.813	14.915	VV	508444	15546187	10.69%	0.745%
284	14.938	14.915	14.982	VV	119257	3058419	2.10%	0.147%
285	15.020	14.982	15.054	VV	457859	12416335	8.54%	0.595%
286	15.083	15.054	15.112	VV	710071	18573415	12.78%	0.890%
287	15.130	15.112	15.160	VV	419181	9877105	6.79%	0.473%
288	15.194	15.160	15.213	VV	565661	11888624	8.18%	0.569%
289	15.227	15.213	15.246	VV	208330	3603766	2.48%	0.173%
290	15.268	15.246	15.318	VV	224992	5539519	3.81%	0.265%
291	15.449	15.318	15.464	VV	2158555	77249577	53.14%	3.700%
292	15.496	15.464	15.529	VV	2333424	44905038	30.89%	2.151%
293	15.593	15.529	15.630	VV	859405	21412202	14.73%	1.026%
294	15.663	15.630	15.688	VV	284466	6416808	4.41%	0.307%
295	15.722	15.688	15.740	VV	399413	7760517	5.34%	0.372%
296	15.757	15.740	15.816	VV	390287	8894322	6.12%	0.426%
297	15.862	15.816	15.884	VV	257731	7972253	5.48%	0.382%
298	15.893	15.884	15.929	VV	189986	3724316	2.56%	0.178%
299	15.950	15.929	15.973	VV	142556	2893074	1.99%	0.139%

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					rters			
300	15.986	15.973	16.005	VV	104488	1681192	1.16%	0.081%
301	16.030	16.005	16.045	VV	168895	2991284		
302	16.088	16.045	16.107	VV	688315	14025769		
303	16.124	16.107	16.158	VV	360978	6691452		
304	16.184	16.158	16.203	VV	167928	3804660		
305	16.232	16.203	16.247	VV	426559	7818065		
306	16.255	16.247	16.285	VV	343844	5034326	3.46%	0.241%
307	16.310	16.285	16.336	VV	235399	4506759	3.10%	0.216%
308	16.353	16.336	16.371	VV	94228	1689869	1.16%	0.081%
309	16.394	16.371	16.421	VV	180276	3197153	2.20%	0.153%
310	16.444	16.421	16.475	VV	198678	4261784	2.93%	0.204%
311	16.504	16.475	16.558	VV	202545	6957678	4.79%	0.333%
312	16.564	16.558	16.578	VV	86702	974194	0.67%	0.047%
313	16.580	16.578	16.591	VV	83852	632896	0.44%	0.030%
314	16.599	16.591	16.644	VV	79840	2066502	1.42%	0.099%
315	16.674	16.644	16.694	VV	118062	2652266	1.82%	0.127%
316	16.713	16.694	16.729	VV	132126	2406677	1.66%	0.115%
317	16.773	16.729	16.819	VV	274749	9660787	6.65%	0.463%
318	16.830	16.819	16.856	VV	116315	2393776	1.65%	0.115%
319	16.882	16.856	16.912	VV	153813	4576431	3.15%	0.219%
320	16.916	16.912	16.919	VV	139488	543123	0.37%	0.026%
321	16.937	16.919	16.945	VV	143519	2213591	1.52%	0.106%
322	17.045	16.945	17.091	VV	2095223	84101499	57.85%	4.029%
323	17.144	17.091	17.200	VV	736786	18283082	12.58%	0.876%
324	17.261	17.200	17.286	VV	384700	10565231	7.27%	0.506%
325	17.436	17.286	17.464	VV	1863552	87842066	60.42%	4.208%
326	17.510	17.464	17.527	VV	859831	15911639	10.95%	0.762%
327	17.532	17.527	17.575	VV	228278	4990602	3.43%	0.239%
328	17.625	17.575	17.665	VV	276299	10350470	7.12%	0.496%
329	17.687	17.665	17.701	VV	129384	2461838	1.69%	0.118%
330	17.766	17.701	17.811	VV	310066	12031196	8.28%	0.576%
331	17.846	17.811	17.850	VV	149306	2316933	1.59%	0.111%
332	17.857	17.850	17.865	VV	151074	1342029	0.92%	0.064%
333	17.891	17.865	17.935	VV	229327	7116752	4.90%	0.341%
334	17.969	17.935	18.019	VV	187502	6749100	4.64%	0.323%
335	18.050	18.019	18.106	VV	237967	7636310	5.25%	0.366%
336	18.139	18.106	18.154	VV	104568	2589170	1.78%	0.124%
337	18.173	18.154	18.207	VV	131999	3129975	2.15%	0.150%
338	18.221	18.207	18.253	VV	75232	1676448	1.15%	0.080%
339	18.297	18.253	18.318	VV	210677	4571626	3.14%	0.219%
340	18.332	18.318	18.348	VV	134336	2386784	1.64%	0.114%
341	18.367	18.348	18.413	VV	175566	4984315	3.43%	0.239%
342	18.416	18.413	18.429	VV	98158	884107	0.61%	0.042%
343	18.463	18.429	18.489	VV	215379	5519260	3.80%	0.264%
344	18.551	18.489	18.557	VV	246607	7780028	5.35%	0.373%
345	18.561	18.557	18.566	VV	243589	1340634	0.92%	0.064%
346	18.586	18.566	18.634	VV	265541	8987504	6.18%	0.431%
347	18.679	18.634	18.742	VV	463935	20199245	13.89%	0.968%
348	18.825	18.742	18.876	VV	1228122	47416807	32.62%	2.271%
349	18.914	18.876	18.924	VV	448365	9179607	6.31%	0.440%
350	18.942	18.924	18.996	VV	478007	15742631	10.83%	0.754%
351	19.092	18.996	19.113	VV	1127661	40416382	27.80%	1.936%

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352	19.137	19.113	19.160	VV	426734	9156733	6.30%	0.439%
353	19.202	19.160	19.229	VV	571815	14761012	10.42%	0.439%
354	19.272	19.229	19.300	VV	176904	6051568	4.24%	0.439%
355	19.319	19.300	19.324	VV	143924	1930288	3.13%	0.439%
356	19.350	19.324	19.385	VV	190713	5864168	4.24%	0.380%
357	19.405	19.385	19.426	VV	151866	3367206	2.22%	0.380%
358	19.460	19.426	19.504	VV	202615	7930307	5.45%	0.380%
359	19.518	19.504	19.533	VV	176499	2920263	2.01%	0.140%
360	19.555	19.533	19.583	VV	202451	5049427	3.47%	0.242%
361	19.652	19.583	19.683	VV	187739	8869927	6.10%	0.425%
362	19.730	19.683	19.822	VV	192503	10974453	7.55%	0.526%
363	19.877	19.822	19.884	VV	124526	4059994	2.79%	0.194%
364	19.891	19.884	19.899	VV	131826	1080579	0.74%	0.052%
365	19.926	19.899	19.965	VV	212056	5910959	4.07%	0.283%
366	19.981	19.965	20.001	VV	119030	2445841	1.68%	0.117%
367	20.040	20.001	20.089	VV	157905	7123657	4.90%	0.341%
368	20.116	20.089	20.122	VV	123840	2316871	1.59%	0.111%
369	20.126	20.122	20.131	VV	119872	635748	0.44%	0.030%
370	20.218	20.131	20.250	VV	571093	24253330	16.68%	1.162%
371	20.300	20.250	20.327	VV	691152	23176787	15.94%	1.110%
372	20.355	20.327	20.374	VV	416008	10872604	7.48%	0.521%
373	20.390	20.374	20.461	VV	380493	14106090	9.70%	0.676%
374	20.496	20.461	20.547	VV	262148	9444520	6.50%	0.452%
375	20.629	20.547	20.636	VV	737301	22650352	15.58%	1.085%
376	20.637	20.636	20.661	VV	741599	8693075	5.98%	0.416%
377	20.679	20.661	20.746	VV	451533	18731809	12.88%	0.897%
378	20.767	20.746	20.812	VV	299760	8367021	5.76%	0.401%
379	20.853	20.812	20.891	VV	179436	7325419	5.04%	0.351%
380	20.895	20.891	20.929	VV	138770	2832279	1.95%	0.136%
381	20.951	20.929	20.957	VV	118628	1982383	1.36%	0.095%
382	20.959	20.957	20.978	VV	115613	1302752	0.90%	0.062%
383	20.995	20.978	21.006	VV	101437	1646597	1.13%	0.079%
384	21.010	21.006	21.048	VV	102755	2449100	1.68%	0.117%
385	21.063	21.048	21.077	VV	98981	1653552	1.14%	0.079%
386	21.081	21.077	21.085	VV	97860	437551	0.30%	0.021%
387	21.099	21.085	21.159	VV	103770	3764339	2.59%	0.180%
388	21.199	21.159	21.204	VV	90713	2109143	1.45%	0.101%
389	21.209	21.204	21.241	VV	90278	1672201	1.15%	0.080%
390	21.302	21.241	21.355	VV	108639	6041242	4.16%	0.289%
391	21.370	21.355	21.376	VV	79030	944602	0.65%	0.045%
392	21.381	21.376	21.425	VV	82001	1936281	1.33%	0.093%
393	21.464	21.425	21.501	VV	110775	3245753	2.23%	0.155%
394	21.509	21.501	21.526	VV	48500	663708	0.46%	0.032%
395	21.530	21.526	21.574	VV	44087	963725	0.66%	0.046%
396	21.590	21.574	21.598	VV	26966	363927	0.25%	0.017%
397	21.603	21.598	21.623	VV	24520	331364	0.23%	0.016%
398	21.706	21.623	21.762	VV	116791	5638698	3.88%	0.270%
399	21.790	21.762	21.850	VV	72061	2274759	1.56%	0.109%
400	21.915	21.850	21.974	VV	68456	2754843	1.89%	0.132%
401	22.033	21.974	22.046	VV	83848	2392554	1.65%	0.115%
402	22.050	22.046	22.060	VV	80792	625849	0.43%	0.030%
403	22.190	22.060	22.327	VV	224553	18787994	12.92%	0.900%
404	22.400	22.327	22.411	PV	41313	1008016	0.69%	0.048%

Instrument :

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 08/27/2025

405 22.417 22.411 22.458 VV 36160 473552 0.33% 0.023%

Sum of corrected areas: 20876

FG080525.M Tue Aug 26 08:04:31 2025

Instrument :

FID_G

ClientSampleId :

WASTEMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/26/2025

Supervised By :mohammad ahmed 08/27/2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	WASTEMSD	SDG No.:	Q2868
Lab Sample ID:	Q2868-01MSD	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	93.3
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		Test:	TPH GC
Prep Method :	SW3541	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016383.D	1	08/25/25 09:24	08/25/25 22:02	PB169373

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	731000	E	410	3030	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	71.4	*	37 - 130	357%	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\FG082525\
 Data File : FG016383.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2025 22:02
 Operator : YP\AJ
 Sample : Q2868-01MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2025
 Supervised By :mohammad ahmed 08/27/2025

Integration File: autoint1.e
 Quant Time: Aug 26 07:54:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.195	6802908	71.404 ug/mlm
Target Compounds			
1) N-OCTANE	2.114	1598330	15.062 ug/ml
2) N-DECANE	4.664	1833575	16.967 ug/ml
3) N-DODECANE	6.848	2072071	19.066 ug/ml
4) N-TETRADECANE	8.691	2815668	25.752 ug/ml
5) N-HEXADECANE	10.312	2157314	19.847 ug/ml
6) N-OCTADECANE	11.771	3026237	27.358 ug/ml
7) N-EICOSANE	13.097	22108864	195.610 ug/mlm
8) N-DOCOSANE	14.303	3094049	28.164 ug/ml
10) N-TETRACOSANE	15.428	30744105	280.584 ug/mlm
11) N-HEXACOSANE	16.445	3094721	28.937 ug/ml
12) N-OCTACOSANE	17.439	50251852	466.451 ug/mlm
13) N-TRIACONTANE	18.298	2839181	26.057 ug/ml
14) N-DOTRIACONTANE	19.140	6218218	59.035 ug/ml
15) N-TETRATRIACONTANE	19.927	1787271	18.757 ug/mlm
16) N-HEXATRIACONTANE	20.642	16077171	215.166 ug/mlm
17) N-OCTATRIACONTANE	21.463	1306607	21.792 ug/mlm
18) N-TETRACONTANE	22.421	1360459	32.367 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016383.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 22:02
Operator : YP\AJ
Sample : Q2868-01MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

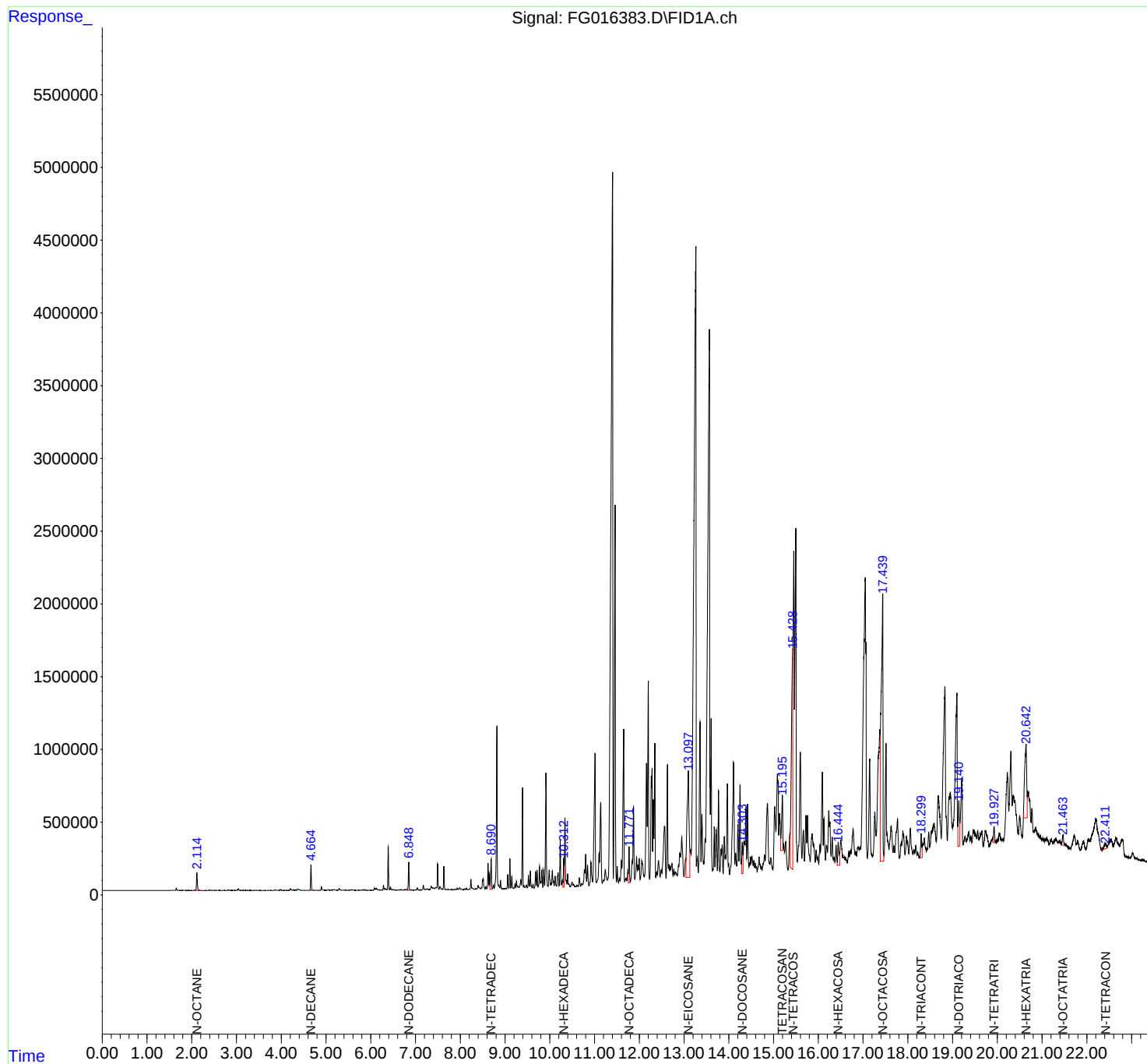
Instrument :
FID_G
ClientSampleId :
WASTEMSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File: autoint1.e
Quant Time: Aug 26 07:54:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Instrument :

FID_G

ClientSampleId :

WASTEMSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/26/2025

Supervised By :mohammad ahmed 08/27/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG08252
Data File : FG016383.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 22:02
Sample : Q2868-01MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.052	2.018	2.077	BV	1611	19544	0.01%	0.001%
2	2.114	2.077	2.211	VV	123094	1601410	1.13%	0.079%
3	2.214	2.211	2.244	VV	230	2404	0.00%	0.000%
4	2.252	2.244	2.259	VV	152	550	0.00%	0.000%
5	2.305	2.259	2.373	PV	616	15976	0.01%	0.001%
6	2.396	2.373	2.433	PV	4280	51173	0.04%	0.003%
7	2.449	2.433	2.460	VV	983	11529	0.01%	0.001%
8	2.470	2.460	2.513	VV	1006	18338	0.01%	0.001%
9	2.536	2.513	2.549	VV	1587	19068	0.01%	0.001%
10	2.558	2.549	2.563	VV	1038	7904	0.01%	0.000%
11	2.569	2.563	2.653	VV	1060	33607	0.02%	0.002%
12	2.656	2.653	2.668	VV	184	1307	0.00%	0.000%
13	2.700	2.668	2.716	VV	1065	15270	0.01%	0.001%
14	2.722	2.716	2.783	VV	789	12742	0.01%	0.001%
15	2.812	2.783	2.870	PV	4146	84341	0.06%	0.004%
16	2.885	2.870	2.901	VV	672	9857	0.01%	0.000%
17	2.908	2.901	2.925	VV	567	6695	0.00%	0.000%
18	2.929	2.925	2.934	VV	421	2079	0.00%	0.000%
19	2.937	2.934	2.945	VV	408	2527	0.00%	0.000%
20	2.951	2.945	2.955	VV	456	2334	0.00%	0.000%
21	2.968	2.955	2.987	VV	499	7852	0.01%	0.000%
22	3.037	2.987	3.076	VV	12202	220256	0.15%	0.011%
23	3.091	3.076	3.118	VV	2284	34418	0.02%	0.002%
24	3.130	3.118	3.149	VV	716	10583	0.01%	0.001%
25	3.166	3.149	3.198	VV	866	18909	0.01%	0.001%
26	3.205	3.198	3.229	VV	567	7492	0.01%	0.000%
27	3.241	3.229	3.284	VV	578	11320	0.01%	0.001%
28	3.312	3.284	3.348	VV	548	12328	0.01%	0.001%
29	3.361	3.348	3.373	VV	205	2197	0.00%	0.000%
30	3.401	3.373	3.446	VV	1700	33077	0.02%	0.002%
31	3.457	3.446	3.508	VV	1240	28608	0.02%	0.001%
32	3.517	3.508	3.534	VV	471	5814	0.00%	0.000%
33	3.544	3.534	3.564	VV	526	6435	0.00%	0.000%
34	3.579	3.564	3.599	VV	352	4615	0.00%	0.000%
35	3.624	3.599	3.637	VV	584	7780	0.01%	0.000%
36	3.642	3.637	3.675	VV	370	4223	0.00%	0.000%

					retention				
37	3.688	3.675	3.703	VV	326	3669	0.00%	0.000%	
38	3.720	3.703	3.733	VV	740	9471	0.00%	0.000%	
39	3.748	3.733	3.789	VV	983	17745	0.00%	0.000%	
40	3.795	3.789	3.821	VV	218	3599	0.00%	0.000%	
41	3.860	3.821	3.916	VV	4924	101648	0.00%	0.000%	
42	3.936	3.916	3.955	VV	827	14693	0.00%	0.000%	
43	3.978	3.955	4.030	VV	6988	121916	0.09%	0.006%	
44	4.044	4.030	4.067	VV	1621	21801	0.02%	0.001%	
45	4.093	4.067	4.129	VV	1982	31143	0.02%	0.002%	
46	4.134	4.129	4.153	VV	405	3750	0.00%	0.000%	
47	4.175	4.153	4.179	PV	538	5026	0.00%	0.000%	
48	4.205	4.179	4.245	VV	14045	198132	0.14%	0.010%	
49	4.271	4.245	4.297	VV	5849	87251	0.06%	0.004%	
50	4.316	4.297	4.342	VV	4883	70573	0.05%	0.003%	
51	4.365	4.342	4.396	VV	11004	194597	0.14%	0.010%	
52	4.407	4.396	4.444	VV	5580	85823	0.06%	0.004%	
53	4.454	4.444	4.531	VV	1418	37171	0.03%	0.002%	
54	4.563	4.531	4.591	VV	605	14566	0.01%	0.001%	
55	4.605	4.591	4.611	VV	615	5662	0.00%	0.000%	
56	4.621	4.611	4.635	VV	644	8046	0.01%	0.000%	
57	4.664	4.635	4.693	VV	177150	1843414	1.30%	0.090%	
58	4.706	4.693	4.723	VV	2401	26115	0.02%	0.001%	
59	4.739	4.723	4.767	VV	1224	19666	0.01%	0.001%	
60	4.777	4.767	4.810	VV	603	11757	0.01%	0.001%	
61	4.826	4.810	4.864	VV	1507	21270	0.01%	0.001%	
62	4.898	4.864	4.941	VV	25237	347401	0.24%	0.017%	
63	4.950	4.941	4.967	VV	2235	31030	0.02%	0.002%	
64	4.973	4.967	4.993	VV	1818	22243	0.02%	0.001%	
65	5.030	4.993	5.037	VV	2361	41252	0.03%	0.002%	
66	5.052	5.037	5.096	VV	5659	100156	0.07%	0.005%	
67	5.112	5.096	5.137	VV	3266	52857	0.04%	0.003%	
68	5.169	5.137	5.234	VV	5859	210801	0.15%	0.010%	
69	5.250	5.234	5.267	VV	1729	26565	0.02%	0.001%	
70	5.297	5.267	5.361	VV	12762	242209	0.17%	0.012%	
71	5.379	5.361	5.410	VV	2293	50312	0.04%	0.002%	
72	5.428	5.410	5.445	VV	2379	32730	0.02%	0.002%	
73	5.460	5.445	5.477	VV	2177	27473	0.02%	0.001%	
74	5.486	5.477	5.503	VV	1138	14722	0.01%	0.001%	
75	5.517	5.503	5.535	VV	1537	18012	0.01%	0.001%	
76	5.557	5.535	5.569	VV	4683	53318	0.04%	0.003%	
77	5.581	5.569	5.598	VV	4270	56462	0.04%	0.003%	
78	5.613	5.598	5.642	VV	3222	49935	0.04%	0.002%	
79	5.668	5.642	5.674	VV	1040	16215	0.01%	0.001%	
80	5.684	5.674	5.701	VV	1157	13527	0.01%	0.001%	
81	5.718	5.701	5.732	VV	1623	17327	0.01%	0.001%	
82	5.748	5.732	5.789	VV	2266	28092	0.02%	0.001%	
83	5.810	5.789	5.827	PV	4235	47519	0.03%	0.002%	
84	5.844	5.827	5.852	VV	3881	42388	0.03%	0.002%	
85	5.860	5.852	5.878	VV	4295	45366	0.03%	0.002%	
86	5.885	5.878	5.899	VV	1274	11730	0.01%	0.001%	
87	5.912	5.899	5.937	VV	981	13438	0.01%	0.001%	
88	5.940	5.937	5.955	VV	186	1313	0.00%	0.000%	
89	5.973	5.955	5.985	PV	867	9934	0.01%	0.000%	

Instrument :

FID_G

ClientSampleId :

WASTEMSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/26/2025

Supervised By :mohammad ahmed 08/27/2025

					retention			
90	6.005	5.985	6.034	VV	2186	34302	0.02%	0.002%
91	6.087	6.034	6.104	VV	15830	231421		
92	6.127	6.104	6.192	VV	15180	357449		
93	6.203	6.192	6.215	VV	2447	29495		
94	6.230	6.215	6.259	VV	2857	57732		
95	6.284	6.259	6.305	VV	33166	376913		
96	6.321	6.305	6.339	VV	13968	186681	0.13%	0.009%
97	6.354	6.339	6.367	VV	8067	110185	0.08%	0.005%
98	6.390	6.367	6.420	VV	299286	2892922	2.03%	0.142%
99	6.440	6.420	6.475	VV	22849	299041	0.21%	0.015%
100	6.491	6.475	6.500	VV	3205	41784	0.03%	0.002%
101	6.511	6.500	6.563	VV	4425	78493	0.06%	0.004%
102	6.578	6.563	6.600	VV	1465	21086	0.01%	0.001%
103	6.618	6.600	6.628	VV	2885	30346	0.02%	0.001%
104	6.638	6.628	6.656	VV	2393	32510	0.02%	0.002%
105	6.675	6.656	6.720	VV	5282	85564	0.06%	0.004%
106	6.757	6.720	6.781	VV	5186	91739	0.06%	0.004%
107	6.794	6.781	6.814	VV	3547	48567	0.03%	0.002%
108	6.848	6.814	6.875	VV	192885	2072929	1.46%	0.102%
109	6.883	6.875	6.899	VV	1706	14882	0.01%	0.001%
110	6.917	6.899	6.950	PV	1832	25023	0.02%	0.001%
111	6.966	6.950	6.986	PV	1681	19667	0.01%	0.001%
112	7.006	6.986	7.020	VV	2201	32424	0.02%	0.002%
113	7.039	7.020	7.098	VV	16687	222280	0.16%	0.011%
114	7.140	7.098	7.151	PV	2616	30856	0.02%	0.002%
115	7.173	7.151	7.219	VV	34029	478326	0.34%	0.023%
116	7.245	7.219	7.254	VV	7615	117128	0.08%	0.006%
117	7.263	7.254	7.276	VV	7817	85632	0.06%	0.004%
118	7.290	7.276	7.322	VV	8183	121888	0.09%	0.006%
119	7.348	7.322	7.379	VV	23233	478049	0.34%	0.023%
120	7.396	7.379	7.413	VV	16018	272938	0.19%	0.013%
121	7.444	7.413	7.460	VV	16902	378811	0.27%	0.019%
122	7.494	7.460	7.519	VV	178150	2000152	1.41%	0.098%
123	7.544	7.519	7.574	VV	23786	428146	0.30%	0.021%
124	7.590	7.574	7.610	VV	8738	135274	0.10%	0.007%
125	7.633	7.610	7.670	VV	162563	1631738	1.15%	0.080%
126	7.681	7.670	7.693	VV	3388	38382	0.03%	0.002%
127	7.708	7.693	7.717	VV	3647	44979	0.03%	0.002%
128	7.727	7.717	7.741	VV	4122	42117	0.03%	0.002%
129	7.757	7.741	7.780	VV	3262	53591	0.04%	0.003%
130	7.801	7.780	7.817	VV	4130	56393	0.04%	0.003%
131	7.824	7.817	7.837	VV	1982	17870	0.01%	0.001%
132	7.860	7.837	7.879	VV	3968	63829	0.04%	0.003%
133	7.892	7.879	7.912	VV	4018	55199	0.04%	0.003%
134	7.933	7.912	7.950	VV	12507	149872	0.11%	0.007%
135	7.966	7.950	7.970	VV	6972	59274	0.04%	0.003%
136	7.986	7.970	8.028	VV	15390	263585	0.19%	0.013%
137	8.033	8.028	8.050	VV	3113	30960	0.02%	0.002%
138	8.056	8.050	8.071	VV	1343	10821	0.01%	0.001%
139	8.094	8.071	8.113	PV	8354	97713	0.07%	0.005%
140	8.138	8.113	8.166	VV	12214	142460	0.10%	0.007%
141	8.196	8.166	8.210	VV	2583	44929	0.03%	0.002%

Instrument :

FID_G

ClientSampleId :

WASTEMSD

0.02% 0.002%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/26/2025

Supervised By :mohammad ahmed 08/27/2025

	rterres						WASTEMSD	
142	8.237	8.210	8.259	VV	68609	796979	0.56%	0.039%
143	8.264	8.259	8.307	VV	11031	196674	0.00%	0.000%
144	8.342	8.307	8.361	VV	8340	136618	0.00%	0.000%
145	8.399	8.361	8.455	VV	28289	676649	0.00%	0.000%
146	8.472	8.455	8.479	VV	12938	145894	0.00%	0.000%
147	8.499	8.479	8.506	VV	68747	695517	0.00%	0.000%
148	8.514	8.506	8.554	VV	74181	882716	0.62%	0.043%
149	8.571	8.554	8.590	VV	19755	235781	0.17%	0.012%
150	8.621	8.590	8.636	VV	180118	1948739	1.37%	0.096%
151	8.649	8.636	8.664	VV	110056	1135118	0.80%	0.056%
152	8.691	8.664	8.719	VV	208202	2815668	1.98%	0.138%
153	8.742	8.719	8.759	VV	28930	364734	0.26%	0.018%
154	8.818	8.759	8.851	VV	1123708	14186845	9.97%	0.696%
155	8.858	8.851	8.881	VV	26686	359156	0.25%	0.018%
156	8.900	8.881	8.933	VV	59077	702337	0.49%	0.034%
157	8.946	8.933	8.965	VV	5010	58318	0.04%	0.003%
158	8.988	8.965	9.000	VV	3668	47968	0.03%	0.002%
159	9.013	9.000	9.035	VV	5951	66134	0.05%	0.003%
160	9.061	9.035	9.087	PV	98039	1052169	0.74%	0.052%
161	9.110	9.087	9.130	VV	209010	2134928	1.50%	0.105%
162	9.152	9.130	9.177	VV	84053	972616	0.68%	0.048%
163	9.185	9.177	9.200	VV	6170	59904	0.04%	0.003%
164	9.225	9.200	9.239	VV	33678	369703	0.26%	0.018%
165	9.256	9.239	9.294	VV	50609	751152	0.53%	0.037%
166	9.302	9.294	9.314	VV	12052	129788	0.09%	0.006%
167	9.353	9.314	9.367	VV	60505	1001880	0.70%	0.049%
168	9.392	9.367	9.412	VV	693700	7257569	5.10%	0.356%
169	9.423	9.412	9.448	VV	22285	285754	0.20%	0.014%
170	9.477	9.448	9.497	VV	24477	364826	0.26%	0.018%
171	9.525	9.497	9.547	VV	87189	1012013	0.71%	0.050%
172	9.567	9.547	9.606	VV	119133	1420721	1.00%	0.070%
173	9.625	9.606	9.651	VV	27080	304472	0.21%	0.015%
174	9.684	9.651	9.701	VV	111314	1357400	0.95%	0.067%
175	9.717	9.701	9.736	VV	121103	1256526	0.88%	0.062%
176	9.770	9.736	9.791	VV	151066	1966497	1.38%	0.096%
177	9.824	9.791	9.846	VV	122458	1845959	1.30%	0.091%
178	9.866	9.846	9.885	VV	123428	1364052	0.96%	0.067%
179	9.915	9.885	9.961	VV	787822	9794742	6.88%	0.480%
180	9.987	9.961	10.018	VV	121008	1963429	1.38%	0.096%
181	10.029	10.018	10.037	VV	31973	288604	0.20%	0.014%
182	10.056	10.037	10.075	VV	114981	1573947	1.11%	0.077%
183	10.084	10.075	10.099	VV	44160	452147	0.32%	0.022%
184	10.120	10.099	10.153	VV	76484	1134003	0.80%	0.056%
185	10.185	10.153	10.208	VV	99131	1803389	1.27%	0.088%
186	10.234	10.208	10.260	VV	325708	3769129	2.65%	0.185%
187	10.282	10.260	10.293	VV	485			

195	10.608	10.587	10.637	PV	9659	155627	0.11%	0.008%
196	10.659	10.637	10.692	PV	58424	825146		
197	10.713	10.692	10.737	VV	18996	338479		
198	10.773	10.737	10.783	VV	113502	1617043		
199	10.801	10.783	10.821	VV	219632	3040582		
200	10.843	10.821	10.876	VV	140705	2046540		
201	10.919	10.876	10.956	PV	163087	2986212	2.10%	0.146%
202	11.011	10.956	11.044	VV	906905	17722448	12.45%	0.869%
203	11.099	11.044	11.110	VV	215549	3422729	2.40%	0.168%
204	11.137	11.110	11.171	VV	567268	10287274	7.23%	0.505%
205	11.200	11.171	11.212	VV	35302	640293	0.45%	0.031%
206	11.240	11.212	11.283	VV	104727	2552109	1.79%	0.125%
207	11.402	11.283	11.419	VV	4853796	138924607	97.61%	6.813%
208	11.459	11.419	11.491	VV	2590211	39003476	27.40%	1.913%
209	11.507	11.491	11.538	VV	121124	1343896	0.94%	0.066%
210	11.556	11.538	11.570	VV	40397	511434	0.36%	0.025%
211	11.600	11.570	11.613	VV	158853	2519382	1.77%	0.124%
212	11.652	11.613	11.672	VV	1063962	16624506	11.68%	0.815%
213	11.687	11.672	11.693	VV	28550	271952	0.19%	0.013%
214	11.705	11.693	11.720	VV	36631	465482	0.33%	0.023%
215	11.744	11.720	11.753	VV	89777	1158551	0.81%	0.057%
216	11.771	11.753	11.798	VV	248717	3105444	2.18%	0.152%
217	11.839	11.798	11.847	VV	147545	2132164	1.50%	0.105%
218	11.871	11.847	11.898	VV	521424	7411911	5.21%	0.363%
219	11.939	11.898	11.956	VV	175076	3212617	2.26%	0.158%
220	11.968	11.956	11.981	VV	120640	1583642	1.11%	0.078%
221	11.998	11.981	12.019	VV	161945	2222459	1.56%	0.109%
222	12.056	12.019	12.114	VV	147475	4640956	3.26%	0.228%
223	12.161	12.114	12.177	VV	814858	14475546	10.17%	0.710%
224	12.201	12.177	12.232	VV	1367164	17420837	12.24%	0.854%
225	12.269	12.232	12.276	VV	722546	9319717	6.55%	0.457%
226	12.285	12.276	12.297	VV	782885	7181153	5.05%	0.352%
227	12.313	12.297	12.327	VV	561409	7352764	5.17%	0.361%
228	12.348	12.327	12.366	VV	953571	11851934	8.33%	0.581%
229	12.384	12.366	12.400	VV	63388	1024180	0.72%	0.050%
230	12.426	12.400	12.466	VV	132745	3347508	2.35%	0.164%
231	12.487	12.466	12.505	VV	71847	1343331	0.94%	0.066%
232	12.564	12.505	12.598	VV	373244	11318573	7.95%	0.555%
233	12.629	12.598	12.649	VV	795881	9915046	6.97%	0.486%
234	12.660	12.649	12.675	VV	110736	1435943	1.01%	0.070%
235	12.690	12.675	12.704	VV	93946	1422518	1.00%	0.070%
236	12.730	12.704	12.754	VV	112245	2441454	1.72%	0.120%
237	12.771	12.754	12.787	VV	73761	1027771	0.72%	0.050%
238	12.807	12.787	12.823	VV	56032	1033352	0.73%	0.051%
239	12.829	12.823	12.845	VV	43795	509955	0.36%	0.025%
240	12.876	12.845	12.885	VV	100286	1576766	1.11%	0.077%
241	12.905	12.885	12.926	VV	182481	3798182	2.67%	0.186%
242	12.950	12.926	12.998	VV	293260	7063003	4.96%	0.346%
243	13.096	12.998	13.159	VV	745912	28459257	20.00%	1.396%
244	13.264	13.159	13.275	VV	4296498	142329388	100.00%	6.980%
245	13.296	13.275	13.320	VV	147801	2780735	1.95%	0.136%
246	13.358	13.320	13.380	VV	1073099	19011477	13.36%	0.932%

Instrument :

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				rters				
247	13.400	13.380	13.436	VV	437978	8215381	5.77%	0.403%
248	13.471	13.436	13.479	VV	268801	4595144		
249	13.567	13.479	13.587	VV	3756632	115012308	80	
250	13.606	13.587	13.638	VV	1095869	14353791	10	
251	13.676	13.638	13.692	VV	349070	4875886	3	
252	13.719	13.692	13.745	VV	325950	6415948	4	
253	13.771	13.745	13.802	VV	590441	7655293	5.38%	0.375%
254	13.826	13.802	13.838	VV	191250	2801878	1.97%	0.137%
255	13.853	13.838	13.873	VV	219316	2977830	2.09%	0.146%
256	13.900	13.873	13.918	VV	274637	4356961	3.06%	0.214%
257	13.931	13.918	13.938	VV	136192	1633339	1.15%	0.080%
258	13.969	13.938	13.988	VV	637139	9960232	7.00%	0.488%
259	13.996	13.988	14.017	VV	89993	960537	0.67%	0.047%
260	14.106	14.017	14.135	VV	774099	19943608	14.01%	0.978%
261	14.151	14.135	14.177	VV	155846	2777970	1.95%	0.136%
262	14.205	14.177	14.225	VV	352697	5924291	4.16%	0.291%
263	14.251	14.225	14.283	VV	624760	9240055	6.49%	0.453%
264	14.303	14.283	14.318	VV	226874	3337237	2.34%	0.164%
265	14.353	14.318	14.362	VV	231554	5486516	3.85%	0.269%
266	14.383	14.362	14.399	VV	455045	6513315	4.58%	0.319%
267	14.420	14.399	14.449	VV	488321	7150293	5.02%	0.351%
268	14.461	14.449	14.469	VV	79889	854348	0.60%	0.042%
269	14.486	14.469	14.500	VV	123104	1771082	1.24%	0.087%
270	14.516	14.500	14.543	VV	126492	2547549	1.79%	0.125%
271	14.559	14.543	14.576	VV	95611	1486408	1.04%	0.073%
272	14.590	14.576	14.605	VV	77013	1050730	0.74%	0.052%
273	14.616	14.605	14.633	VV	53308	653467	0.46%	0.032%
274	14.676	14.633	14.717	VV	118231	3141776	2.21%	0.154%
275	14.729	14.717	14.745	VV	49310	666939	0.47%	0.033%
276	14.800	14.745	14.814	VV	126681	3436249	2.41%	0.169%
277	14.862	14.814	14.918	VV	482437	14945341	10.50%	0.733%
278	14.939	14.918	14.985	VV	106295	2633334	1.85%	0.129%
279	15.025	14.985	15.051	VV	453073	11029179	7.75%	0.541%
280	15.085	15.051	15.115	VV	679654	18925115	13.30%	0.928%
281	15.132	15.115	15.162	VV	405874	9387881	6.60%	0.460%
282	15.196	15.162	15.215	VV	532062	11615260	8.16%	0.570%
283	15.226	15.215	15.244	VV	199178	2916434	2.05%	0.143%
284	15.270	15.244	15.324	VV	207881	5524566	3.88%	0.271%
285	15.452	15.324	15.467	VV	2202609	75751762	53.22%	3.715%
286	15.497	15.467	15.531	VV	2325981	43891285	30.84%	2.153%
287	15.598	15.531	15.633	VV	815300	20681835	14.53%	1.014%
288	15.664	15.633	15.690	VV	274155	6045407	4.25%	0.296%
289	15.724	15.690	15.742	VV	379258	7244048	5.09%	0.355%
290	15.759	15.742	15.817	VV	382084	8490871	5.97%	0.416%
291	15.861	15.817	15.887	VV	248273	7592672	5.33%	0.372%
292	15.894	15.887	15.931	VV	180617	3390364	2.38%	0.166%
293	15.951	15.931	15.973	VV	137859	2492930	1.75%	0.122%
294	15.989	15.973	16.008	VV	90913	1552728	1.09%	0.076%
295	16.033	16.008	16.049	VV	162264	2808597	1.97%	0.138%
296	16.091	16.049	16.109	VV	670979	13493743	9.48%	0.662%
297	16.126	16.109	16.160	VV	345892	6287760	4.42%	0.308%
298	16.184	16.160	16.205	VV	160317	3502787	2.46%	0.172%
299	16.235	16.205	16.248	VV	394629	7193850	5.05%	0.353%

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Supervised By :mohammad ahmed 08/27/2025

					rters			
300	16.260	16.248	16.287	VV	322879	4981594	3.50%	0.244%
301	16.311	16.287	16.341	VV	220805	4322986		
302	16.356	16.341	16.372	VV	83674	1310349		
303	16.398	16.372	16.423	VV	164375	2895527		
304	16.445	16.423	16.477	VV	179417	3845482		
305	16.502	16.477	16.569	VV	193254	6818086		
306	16.583	16.569	16.596	VV	75801	1188108	0.83%	0.058%
307	16.605	16.596	16.648	VV	67522	1703502	1.20%	0.084%
308	16.681	16.648	16.695	VV	103922	2195820	1.54%	0.108%
309	16.714	16.695	16.733	VV	118141	2320867	1.63%	0.114%
310	16.779	16.733	16.820	VV	258201	8960834	6.30%	0.439%
311	16.830	16.820	16.858	VV	104568	2153192	1.51%	0.106%
312	16.883	16.858	16.895	VV	137886	2726140	1.92%	0.134%
313	16.900	16.895	16.911	VV	135864	1225413	0.86%	0.060%
314	16.935	16.911	16.946	VV	132276	2762639	1.94%	0.135%
315	17.049	16.946	17.095	VV	1979362	82717009	58.12%	4.057%
316	17.148	17.095	17.184	VV	730906	16547968	11.63%	0.812%
317	17.188	17.184	17.202	VV	85866	879789	0.62%	0.043%
318	17.205	17.202	17.210	VV	72899	363276	0.26%	0.018%
319	17.261	17.210	17.295	VV	361636	10471551	7.36%	0.514%
320	17.377	17.295	17.384	VV	932423	33739748	23.71%	1.655%
321	17.439	17.384	17.467	VV	1866049	51698278	36.32%	2.535%
322	17.514	17.467	17.530	VV	834117	15505769	10.89%	0.760%
323	17.535	17.530	17.577	VV	218283	4621690	3.25%	0.227%
324	17.627	17.577	17.668	VV	263099	9839033	6.91%	0.483%
325	17.687	17.668	17.709	VV	129054	2580185	1.81%	0.127%
326	17.770	17.709	17.819	VV	311287	11329660	7.96%	0.556%
327	17.853	17.819	17.865	VV	142918	2923828	2.05%	0.143%
328	17.890	17.865	17.937	VV	225106	6946319	4.88%	0.341%
329	17.973	17.937	18.020	VV	184890	6272848	4.41%	0.308%
330	18.056	18.020	18.116	VV	241368	7609458	5.35%	0.373%
331	18.137	18.116	18.151	VV	95195	1737376	1.22%	0.085%
332	18.179	18.151	18.206	VV	119800	3014510	2.12%	0.148%
333	18.225	18.206	18.259	VV	70891	1745190	1.23%	0.086%
334	18.298	18.259	18.320	VV	201306	4145540	2.91%	0.203%
335	18.341	18.320	18.350	VV	130622	2151908	1.51%	0.106%
336	18.369	18.350	18.422	VV	169502	5125261	3.60%	0.251%
337	18.426	18.422	18.430	VV	92180	453319	0.32%	0.022%
338	18.468	18.430	18.494	VV	209189	5400182	3.79%	0.265%
339	18.532	18.494	18.539	VV	207981	4517475	3.17%	0.222%
340	18.583	18.539	18.633	VV	263201	12445615	8.74%	0.610%
341	18.680	18.633	18.747	VV	453403	20421222	14.35%	1.002%
342	18.828	18.747	18.880	VV	1197661	47337098	33.26%	2.322%
343	18.921	18.880	18.930	VV	442720	9452846	6.64%	0.464%
344	18.949	18.930	18.999	VV	466619	14946792	10.50%	0.733%
345	19.096	18.999	19.117	VV	1147009	40603821	28.53%	1.991%
346	19.140	19.117	19.163	VV	409652	8904557	6.26%	0.437%
347	19.205	19.163	19.239	VV	562213	15190750	10.67%	0.745%
348	19.281	19.239	19.300	VV	164683	5151685	3.62%	0.253%
349	19.355	19.300	19.390	VV	186451	8242502	5.79%	0.404%
350	19.411	19.390	19.435	VV	157986	3716774	2.61%	0.182%
351	19.467	19.435	19.507	VV	200916	7590905	5.33%	0.372%

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Reviewed By :Yogesh Patel 08/26/2025

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352	19.513	19.507	19.542	VV	170922	3413981	2.40%	0.167%
353	19.562	19.542	19.596	VV	197938	5159017	Manual Integration	
354	19.620	19.596	19.628	VV	169938	2956332		
355	19.653	19.628	19.690	VV	188145	5455464		
356	19.731	19.690	19.737	VV	186713	4019551		
357	19.739	19.737	19.771	VV	191794	3382715	Reviewed By :Yog Supervised By :m	
358	19.775	19.771	19.816	VV	151390	3133983		2.20%
359	19.875	19.816	19.885	VV	126319	4339860	3.05%	0.213%
360	19.928	19.885	19.978	VV	215529	8055791	5.66%	0.395%
361	19.991	19.978	19.997	VV	119115	1283942	0.90%	0.063%
362	20.049	19.997	20.094	VV	164975	7857099	5.52%	0.385%
363	20.099	20.094	20.104	VV	119595	695084	0.49%	0.034%
364	20.125	20.104	20.151	VV	124004	3366324	2.37%	0.165%
365	20.224	20.151	20.257	VV	577595	23802317	16.72%	1.167%
366	20.302	20.257	20.338	VV	715472	23808837	16.73%	1.168%
367	20.354	20.338	20.384	VV	419091	10965230	7.70%	0.538%
368	20.394	20.384	20.472	VV	384648	14005465	9.84%	0.687%
369	20.501	20.472	20.552	VV	272586	9699411	6.81%	0.476%
370	20.642	20.552	20.669	VV	765223	32564688	22.88%	1.597%
371	20.680	20.669	20.720	VV	437842	12528200	8.80%	0.614%
372	20.724	20.720	20.750	VV	383704	5822869	4.09%	0.286%
373	20.777	20.750	20.818	VV	320981	9273642	6.52%	0.455%
374	20.824	20.818	20.828	VV	161491	946320	0.66%	0.046%
375	20.835	20.828	20.838	VV	170853	985084	0.69%	0.048%
376	20.851	20.838	20.856	VV	186419	1942850	1.37%	0.095%
377	20.860	20.856	20.889	VV	186655	3186438	2.24%	0.156%
378	20.897	20.889	20.937	VV	146826	3929349	2.76%	0.193%
379	20.954	20.937	20.995	VV	128208	4043151	2.84%	0.198%
380	21.017	20.995	21.045	VV	110430	3094546	2.17%	0.152%
381	21.074	21.045	21.084	VV	100093	2231088	1.57%	0.109%
382	21.102	21.084	21.168	VV	108073	4543904	3.19%	0.223%
383	21.199	21.168	21.207	VV	97948	2011232	1.41%	0.099%
384	21.210	21.207	21.242	VV	96284	1722565	1.21%	0.084%
385	21.261	21.242	21.265	VV	80992	1086454	0.76%	0.053%
386	21.310	21.265	21.326	VV	103522	3401965	2.39%	0.167%
387	21.330	21.326	21.357	VV	90072	1514954	1.06%	0.074%
388	21.387	21.357	21.427	VV	85568	3209361	2.25%	0.157%
389	21.467	21.427	21.510	VV	121392	4081573	2.87%	0.200%
390	21.517	21.510	21.549	VV	60812	1279392	0.90%	0.063%
391	21.553	21.549	21.576	VV	49541	659715	0.46%	0.032%
392	21.580	21.576	21.587	VV	38150	232785	0.16%	0.011%
393	21.597	21.587	21.632	VV	36423	850402	0.60%	0.042%
394	21.717	21.632	21.765	VV	115967	5623031	3.95%	0.276%
395	21.798	21.765	21.848	VV	74591	2445342	1.72%	0.120%
396	21.852	21.848	21.858	VV	14399	81579	0.06%	0.004%
397	21.924	21.858	21.977	VV	72151	2824465	1.98%	0.139%
398	22.034	21.977	22.084	VV	88258	3805168	2.67%	0.187%
399	22.197	22.084	22.202	VV	213447	10046983	7.06%	0.493%
400	22.208	22.202	22.335	VV	215675	7405123	5.20%	0.363%
401	22.421	22.335	22.454	PV	28463	1065283	0.75%	0.052%
Sum of corrected areas:						2039040571		

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025

FG080525.M Tue Aug 26 08:06:55 2025

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Instrument :
FID_G
ClientSampleId :
WASTEMSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
100 TRPH STD		FG016345.D	FG080525	N-TETRACONTANE	mohammad	8/7/2025 1:28:09 AM	Peak Integrated by Software incorrectly

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
Q2893-04		FG016370.D	FG082525	N-DOTRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-04		FG016370.D	FG082525	N-HEXATRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-04		FG016370.D	FG082525	N-OCTACOSANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-04		FG016370.D	FG082525	N-OCTATRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-04		FG016370.D	FG082525	N-TETRACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-04		FG016370.D	FG082525	N-TETRATRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-04		FG016370.D	FG082525	N-TRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-04		FG016371.D	FG082525	N-DOTRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-04		FG016371.D	FG082525	N-TETRACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-04		FG016371.D	FG082525	N-TETRATRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-04		FG016371.D	FG082525	N-TRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-05		FG016372.D	FG082525	N-DOTRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-05		FG016372.D	FG082525	N-TETRACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-05		FG016372.D	FG082525	N-TETRATRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-10		FG016374.D	FG082525	N-DOTRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-10		FG016374.D	FG082525	N-OCTACOSANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-10		FG016374.D	FG082525	N-TETRACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-10		FG016374.D	FG082525	N-TETRATRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-10		FG016374.D	FG082525	N-TRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-10		FG016375.D	FG082525	N-DOTRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-10		FG016375.D	FG082525	N-OCTACOSANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-10		FG016375.D	FG082525	N-TETRACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly

Manual Integration Report

Q2893-10		FG016375.D	FG082525	N-TETRATRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-10		FG016375.D	FG082525	N-TRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-11		FG016376.D	FG082525	N-DOTRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-11		FG016376.D	FG082525	N-OCTATRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-11		FG016376.D	FG082525	N-TETRACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2893-11		FG016376.D	FG082525	N-TETRATRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
50 PPM TRPH STD		FG016380.D	FG082525	N-TETRACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2868-01		FG016381.D	FG082525	TETRACOSANE-d50 (SURROGA	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2868-01MS		FG016382.D	FG082525	N-EICOSANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2868-01MS		FG016382.D	FG082525	N-HEXACOSANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2868-01MS		FG016382.D	FG082525	N-HEXATRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2868-01MS		FG016382.D	FG082525	N-OCTACOSANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2868-01MS		FG016382.D	FG082525	N-OCTATRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2868-01MS		FG016382.D	FG082525	N-TETRACOSANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2868-01MSD		FG016383.D	FG082525	N-EICOSANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2868-01MSD		FG016383.D	FG082525	N-HEXATRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2868-01MSD		FG016383.D	FG082525	N-OCTACOSANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2868-01MSD		FG016383.D	FG082525	N-OCTATRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2868-01MSD		FG016383.D	FG082525	N-TETRACOSANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly
Q2868-01MSD		FG016383.D	FG082525	N-TETRATRIACONTANE	mohammad	8/27/2025 1:31:33 AM	Peak Integrated by Software incorrectly

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG080525

Review By	yogesh	Review On	8/5/2025 1:54:47 PM
Supervise By	mohammad	Supervise On	8/7/2025 1:28:09 AM
SubDirectory	FG080525	HP Acquire Method	HP Processing Method FG080525
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	FG016343.D	05 Aug 2025 09:42	YP\AJ	Ok
2	I.BLK	FG016344.D	05 Aug 2025 10:12	YP\AJ	Ok
3	100 TRPH STD	FG016345.D	05 Aug 2025 10:41	YP\AJ	Ok,M
4	50 TRPH STD	FG016346.D	05 Aug 2025 11:11	YP\AJ	Ok
5	20 TRPH STD	FG016347.D	05 Aug 2025 11:40	YP\AJ	Ok
6	10 TRPH STD	FG016348.D	05 Aug 2025 12:10	YP\AJ	Ok
7	5 TRPH STD	FG016349.D	05 Aug 2025 12:39	YP\AJ	Ok
8	FG080525ICV	FG016350.D	05 Aug 2025 13:24	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG082525

Review By	yogesh	Review On	8/25/2025 1:51:20 PM
Supervise By	mohammad	Supervise On	8/27/2025 1:31:33 AM
SubDirectory	FG082525	HP Acquire Method	HP Processing Method FG080525
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	FG016364.D	25 Aug 2025 10:21	YP\AJ	Ok
2	I.BLK	FG016365.D	25 Aug 2025 10:50	YP\AJ	Ok
3	50 PPM TRPH STD	FG016366.D	25 Aug 2025 11:20	YP\AJ	Ok
4	RT MARKER	FG016367.D	25 Aug 2025 11:50	YP\AJ	Ok
5	PB169373BL	FG016368.D	25 Aug 2025 13:09	YP\AJ	Ok
6	PB169373BS	FG016369.D	25 Aug 2025 13:38	YP\AJ	Ok
7	Q2893-04	FG016370.D	25 Aug 2025 14:08	YP\AJ	Ok,M
8	Q2893-04	FG016371.D	25 Aug 2025 14:37	YP\AJ	Ok,M
9	Q2893-05	FG016372.D	25 Aug 2025 15:07	YP\AJ	Ok,M
10	PB169376BL	FG016373.D	25 Aug 2025 15:37	YP\AJ	Ok
11	Q2893-10	FG016374.D	25 Aug 2025 16:06	YP\AJ	Ok,M
12	Q2893-10	FG016375.D	25 Aug 2025 16:36	YP\AJ	Ok,M
13	Q2893-11	FG016376.D	25 Aug 2025 17:06	YP\AJ	Ok,M
14	I.BLK	FG016377.D	25 Aug 2025 17:35	YP\AJ	Ok
15	50 PPM TRPH STD	FG016378.D	25 Aug 2025 18:05	YP\AJ	Ok
16	I.BLK	FG016379.D	25 Aug 2025 19:04	YP\AJ	Ok
17	50 PPM TRPH STD	FG016380.D	25 Aug 2025 19:34	YP\AJ	Ok,M
18	Q2868-01	FG016381.D	25 Aug 2025 21:03	YP\AJ	Dilution
19	Q2868-01MS	FG016382.D	25 Aug 2025 21:33	YP\AJ	Ok,M
20	Q2868-01MSD	FG016383.D	25 Aug 2025 22:02	YP\AJ	Ok,M
21	Q2868-01	FG016384.D	25 Aug 2025 22:32	YP\AJ	Dilution

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG082525

Review By	yogesh	Review On	8/25/2025 1:51:20 PM
Supervise By	mohammad	Supervise On	8/27/2025 1:31:33 AM
SubDirectory	FG082525	HP Acquire Method	HP Processing Method FG080525
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM	PP24469		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24468,PP24473		

22	I.BLK	FG016385.D	25 Aug 2025 23:02	YP\AJ	Ok
23	50 PPM TRPH STD	FG016386.D	26 Aug 2025 00:00	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG082625

Review By	yogesh	Review On	8/26/2025 11:10:36 AM
Supervise By		Supervise On	
SubDirectory	FG082625	HP Acquire Method	HP Processing Method FG080525
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	FG016387.D	26 Aug 2025 08:25	YP\AJ	Ok
2	I.BLK	FG016388.D	26 Aug 2025 08:55	YP\AJ	Ok
3	50 PPM TRPH STD	FG016389.D	26 Aug 2025 09:24	YP\AJ	Ok,NR
4	RT MARKER	FG016390.D	26 Aug 2025 10:03	YP\AJ	Ok,NR
5	Q2868-01	FG016391.D	26 Aug 2025 10:38	YP\AJ	Ok
6	I.BLK	FG016392.D	26 Aug 2025 11:08	YP\AJ	Ok
7	50 PPM TRPH STD	FG016393.D	26 Aug 2025 11:37	YP\AJ	Ok,NR
8	I.BLK	FG016394.D	26 Aug 2025 12:07	YP\AJ	Ok
9	50 PPM TRPH STD	FG016395.D	26 Aug 2025 12:36	YP\AJ	Ok
10	RT MARKER	FG016396.D	26 Aug 2025 13:06	YP\AJ	Ok
11	PB169372BL	FG016397.D	26 Aug 2025 13:35	YP\AJ	Ok
12	PB169374BL	FG016398.D	26 Aug 2025 15:17	YP\AJ	Ok
13	Q2893-01	FG016399.D	26 Aug 2025 16:58	YP\AJ	Ok
14	Q2893-01	FG016400.D	26 Aug 2025 17:27	YP\AJ	Ok
15	Q2893-02	FG016401.D	26 Aug 2025 17:57	YP\AJ	Ok,NR
16	Q2893-07	FG016402.D	26 Aug 2025 18:27	YP\AJ	Ok,NR
17	Q2893-07	FG016403.D	26 Aug 2025 18:56	YP\AJ	Ok
18	Q2893-08	FG016404.D	26 Aug 2025 19:26	YP\AJ	Ok,NR
19	I.BLK	FG016405.D	26 Aug 2025 19:56	YP\AJ	Ok
20	50 PPM TRPH STD	FG016406.D	26 Aug 2025 20:25	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG080525

Review By	yogesh	Review On	8/5/2025 1:54:47 PM
Supervise By	mohammad	Supervise On	8/7/2025 1:28:09 AM
SubDirectory	FG080525	HP Acquire Method	HP Processing Method FG080525

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		FG016343.D	05 Aug 2025 09:42		YP\AJ	Ok
2	I.BLK		FG016344.D	05 Aug 2025 10:12		YP\AJ	Ok
3	100 TRPH STD		FG016345.D	05 Aug 2025 10:41		YP\AJ	Ok,M
4	50 TRPH STD		FG016346.D	05 Aug 2025 11:11		YP\AJ	Ok
5	20 TRPH STD		FG016347.D	05 Aug 2025 11:40		YP\AJ	Ok
6	10 TRPH STD		FG016348.D	05 Aug 2025 12:10		YP\AJ	Ok
7	5 TRPH STD		FG016349.D	05 Aug 2025 12:39		YP\AJ	Ok
8	FG080525ICV		FG016350.D	05 Aug 2025 13:24		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG082525

Review By	yogesh	Review On	8/25/2025 1:51:20 PM
Supervise By	mohammad	Supervise On	8/27/2025 1:31:33 AM
SubDirectory	FG082525	HP Acquire Method	HP Processing Method FG080525
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC	PP24469		
Internal Standard/PEM	PP24468,PP24473		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG016364.D	25 Aug 2025 10:21		YPIAJ	Ok
2	I.BLK		FG016365.D	25 Aug 2025 10:50		YPIAJ	Ok
3	50 PPM TRPH STD		FG016366.D	25 Aug 2025 11:20		YPIAJ	Ok
4	RT MARKER		FG016367.D	25 Aug 2025 11:50		YPIAJ	Ok
5	PB169373BL		FG016368.D	25 Aug 2025 13:09		YPIAJ	Ok
6	PB169373BS		FG016369.D	25 Aug 2025 13:38		YPIAJ	Ok
7	Q2893-04		FG016370.D	25 Aug 2025 14:08		YPIAJ	Ok,M
8	Q2893-04		FG016371.D	25 Aug 2025 14:37		YPIAJ	Ok,M
9	Q2893-05		FG016372.D	25 Aug 2025 15:07		YPIAJ	Ok,M
10	PB169376BL		FG016373.D	25 Aug 2025 15:37		YPIAJ	Ok
11	Q2893-10		FG016374.D	25 Aug 2025 16:06		YPIAJ	Ok,M
12	Q2893-10		FG016375.D	25 Aug 2025 16:36		YPIAJ	Ok,M
13	Q2893-11		FG016376.D	25 Aug 2025 17:06		YPIAJ	Ok,M
14	I.BLK		FG016377.D	25 Aug 2025 17:35		YPIAJ	Ok
15	50 PPM TRPH STD		FG016378.D	25 Aug 2025 18:05		YPIAJ	Ok
16	I.BLK		FG016379.D	25 Aug 2025 19:04		YPIAJ	Ok
17	50 PPM TRPH STD		FG016380.D	25 Aug 2025 19:34		YPIAJ	Ok,M
18	Q2868-01		FG016381.D	25 Aug 2025 21:03	Need 10X	YPIAJ	Dilution

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG082525

Review By	yogesh	Review On	8/25/2025 1:51:20 PM
Supervise By	mohammad	Supervise On	8/27/2025 1:31:33 AM
SubDirectory	FG082525	HP Acquire Method	HP Processing Method FG080525
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM	PP24469		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24468,PP24473		

19	Q2868-01MS		FG016382.D	25 Aug 2025 21:33	FG016381.D,Recovery fail	YP\AJ	Ok,M
20	Q2868-01MSD		FG016383.D	25 Aug 2025 22:02	FG016381.D!FG016383.D,Recovery fail	YP\AJ	Ok,M
21	Q2868-01		FG016384.D	25 Aug 2025 22:32	Need further dilution	YP\AJ	Dilution
22	I.BLK		FG016385.D	25 Aug 2025 23:02		YP\AJ	Ok
23	50 PPM TRPH STD		FG016386.D	26 Aug 2025 00:00		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG082625

Review By	yogesh	Review On	8/26/2025 11:10:36 AM
Supervise By		Supervise On	
SubDirectory	FG082625	HP Acquire Method	HP Processing Method FG080525
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			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG016387.D	26 Aug 2025 08:25		YPIAJ	Ok
2	I.BLK		FG016388.D	26 Aug 2025 08:55		YPIAJ	Ok
3	50 PPM TRPH STD		FG016389.D	26 Aug 2025 09:24		YPIAJ	Ok,NR
4	RT MARKER		FG016390.D	26 Aug 2025 10:03		YPIAJ	Ok,NR
5	Q2868-01		FG016391.D	26 Aug 2025 10:38		YPIAJ	Ok
6	I.BLK		FG016392.D	26 Aug 2025 11:08		YPIAJ	Ok
7	50 PPM TRPH STD		FG016393.D	26 Aug 2025 11:37		YPIAJ	Ok,NR
8	I.BLK		FG016394.D	26 Aug 2025 12:07		YPIAJ	Ok
9	50 PPM TRPH STD		FG016395.D	26 Aug 2025 12:36		YPIAJ	Ok
10	RT MARKER		FG016396.D	26 Aug 2025 13:06		YPIAJ	Ok
11	PB169372BL		FG016397.D	26 Aug 2025 13:35		YPIAJ	Ok
12	PB169374BL		FG016398.D	26 Aug 2025 15:17		YPIAJ	Ok
13	Q2893-01		FG016399.D	26 Aug 2025 16:58		YPIAJ	Ok
14	Q2893-01		FG016400.D	26 Aug 2025 17:27		YPIAJ	Ok
15	Q2893-02		FG016401.D	26 Aug 2025 17:57		YPIAJ	Ok,NR
16	Q2893-07		FG016402.D	26 Aug 2025 18:27		YPIAJ	Ok,NR
17	Q2893-07		FG016403.D	26 Aug 2025 18:56		YPIAJ	Ok
18	Q2893-08		FG016404.D	26 Aug 2025 19:26		YPIAJ	Ok,NR

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG082625

Review By	yogesh	Review On	8/26/2025 11:10:36 AM
Supervise By		Supervise On	
SubDirectory	FG082625	HP Acquire Method	HP Processing Method FG080525

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

19	I.BLK		FG016405.D	26 Aug 2025 19:56		YP\AJ	Ok
20	50 PPM TRPH STD		FG016406.D	26 Aug 2025 20:25		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/15/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 08/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 08/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136818

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
Q2844-01	PAD-081325	1	1.14	9.98	11.12	10.42	93.0	
Q2844-02	MOO-25-0224-0225	2	1.14	10.90	12.04	11.08	91.2	
Q2844-04	MOO-25-0234-0235	3	1.19	10.42	11.61	10.82	92.4	
Q2844-06	MOO-25-0223	4	1.12	10.34	11.46	11.12	96.7	
Q2844-09	MOO-25-0226	5	1.00	1.00	2.00	2.00	100.0	debris
Q2844-11	MOO-25-0228	6	1.00	1.00	2.00	2.00	100.0	debris
Q2847-01	BUR-25-0069	7	1.17	10.42	11.59	10.1	85.7	
Q2847-02	BUR-25-0070	8	1.19	10.30	11.49	9.88	84.4	
Q2853-01	Tr-5-081325	9	1.18	10.34	11.52	11.22	97.1	
Q2853-02	Tr-5-081325-E2	10	1.19	10.38	11.57	11.18	96.2	
Q2865-01	ARS10-0047-VOC	44	1.14	10.85	11.99	9.2	74.3	
Q2865-02	ARS10-0047	45	1.15	10.35	11.5	8.23	68.4	
Q2866-01	Tre-2003	11	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2866-02	Tre-2004	12	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2868-01	WASTE	13	1.14	10.25	11.39	10.7	93.3	
Q2868-02	VOC	14	1.14	10.48	11.62	11.36	97.5	
Q2868-03	1	15	1.17	10.03	11.2	10.47	92.7	
Q2868-04	2	16	1.18	10.41	11.59	10.77	92.1	
Q2868-05	3	17	1.14	10.46	11.6	10.93	93.6	
Q2868-06	4	18	1.14	10.65	11.79	11.26	95.0	
Q2868-07	5	19	1.13	10.27	11.4	11.00	96.1	
Q2870-01	DRIL CUTTING 1-5 COMP	20	1.15	10.84	11.99	10.9	89.9	
Q2870-02	DRIL CUTTING 1-5 COMP-EPH-2	21	1.13	10.81	11.94	10.7	88.5	
Q2870-03	DRIL CUTTING 1-5 COMP-EPH-3	22	1.14	10.84	11.98	10.77	88.8	
Q2870-04	DRIL CUTTING 6-9 COMP	23	1.15	10.31	11.46	10.16	87.4	
Q2870-05	DRIL CUTTING 6-9 COMP-EPH-2	24	1.18	10.22	11.4	10.11	87.4	
Q2870-06	DRIL CUTTING 6-9 COMP-EPH-3	25	1.14	10.30	11.44	10.15	87.5	

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/15/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 08/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 08/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136818

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
Q2871-01	DRIL CUTTING 1-3 COMP	26	1.18	10.39	11.57	9.71	82.1	
Q2871-02	DRIL CUTTING 1-3 -EPH-2	29	1.14	10.46	11.6	9.7	81.8	
Q2871-03	DRIL CUTTING 1-3-EPH3	30	1.18	10.71	11.89	9.72	79.7	
Q2871-04	DRIL CUTTING 4-6 COMP	27	1.19	10.58	11.77	9.81	81.5	
Q2871-05	DRIL CUTTING 4-6-EPH-2	31	1.19	10.55	11.74	9.98	83.3	
Q2871-06	DRIL CUTTING 4-6-EPH-3	32	1.14	10.65	11.79	11.00	92.6	
Q2871-07	DRIL CUTTING 1-5 COMP	28	1.16	10.52	11.68	10.2	85.9	
Q2871-08	DRIL CUTTING 1-5-EPH2	33	1.15	10.45	11.6	10.36	88.1	
Q2871-09	DRIL CUTTING 1-5-EPH3	34	1.16	10.67	11.83	10.55	88.0	
Q2872-01	DRIL CUTTING 1-2 COMP	35	1.14	10.45	11.59	9.9	83.8	
Q2872-02	DRIL CUTTING 1-2-EPH-2	36	1.19	10.22	11.41	9.56	81.9	
Q2872-03	DRIL CUTTING 1-2-EPH-3	37	1.18	10.34	11.52	9.79	83.3	
Q2873-01	DRIL CUTTING 1-3 COMP	38	1.18	10.64	11.82	10.42	86.8	
Q2873-02	DRIL CUTTING 1-3-EPH-2	39	1.14	10.13	11.27	10.04	87.9	
Q2873-03	DRIL CUTTING 1-3-EPH-3	40	1.17	10.62	11.79	10.24	85.4	
Q2873-04	DRIL CUTTING 4-6 COMP	41	1.15	10.33	11.48	10.35	89.1	
Q2873-05	DRIL CUTTING 4-6-EPH-2	42	1.14	10.76	11.9	10.7	88.8	
Q2873-06	DRIL CUTTING 4-6-EPH-3	43	1.11	10.78	11.89	10.68	88.8	
Q2874-01	COMP-1	46	1.00	1.00	2.00	2.00	100.0	debris
Q2874-02	ELI-25-0086	47	1.14	10.80	11.94	7.99	63.4	
Q2874-03	ELI-HQ-CONCRETE	48	1.14	10.43	11.57	10.92	93.8	
Q2875-01	SAND-BLAST-A	49	1.18	10.49	11.67	11.66	99.9	
Q2875-02	SAND-BLAST-B	50	1.19	10.50	11.69	11.66	99.7	
Q2876-01	CL-02-08142025	51	1.14	10.50	11.64	11.00	93.9	
Q2876-02	CL-02-08142025-E2	52	1.19	10.34	11.53	11.3	97.8	
Q2877-01	EO-02-08142025	53	1.14	10.76	11.9	11.36	95.0	
Q2877-02	EO-02-08142025-E2	54	1.12	10.50	11.62	11.17	95.7	

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

WORKLIST(Hardcopy Internal Chain)

8/13/25

WorkList Name : %1-081425

WorkList ID : 191267

Department : Wet-Chemistry

Date : 08-14-2025 08:39:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2844-01	PAD-081325	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	08/13/2025	Chemtech -SO
Q2844-02	MOO-25-0224-0225	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	08/13/2025	Chemtech -SO
Q2844-04	MOO-25-0234-0235	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	08/13/2025	Chemtech -SO
Q2844-06	MOO-25-0223	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	08/13/2025	Chemtech -SO
Q2844-09	MOO-25-0226	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	08/13/2025	Chemtech -SO
Q2844-11	MOO-25-0228	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	08/13/2025	Chemtech -SO
Q2847-01	BUR-25-0069	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	08/13/2025	Chemtech -SO
Q2847-02	BUR-25-0070	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	08/13/2025	Chemtech -SO
Q2853-01	Tr-5-081325	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	08/13/2025	Chemtech -SO
Q2853-02	Tr-5-081325-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	J33	08/13/2025	Chemtech -SO
Q2865-01	ARS10-0047-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG05	J33	08/13/2025	Chemtech -SO
Q2865-02	ARS10-0047	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	08/13/2025	Chemtech -SO
Q2866-01	Tre-2003	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	08/13/2025	Chemtech -SO
Q2866-02	Tre-2004	Solid	Percent Solids	Cool 4 deg C	PSEG05	J11	08/13/2025	Chemtech -SO
Q2868-01	WASTE	Solid	Percent Solids	Cool 4 deg C	PSEG05	J11	08/13/2025	Chemtech -SO
Q2868-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	J23	08/12/2025	Chemtech -SO
Q2868-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	J23	08/12/2025	Chemtech -SO
Q2868-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	J23	08/12/2025	Chemtech -SO
Q2868-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	J23	08/12/2025	Chemtech -SO
Q2868-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	J23	08/12/2025	Chemtech -SO
Q2868-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	J23	08/12/2025	Chemtech -SO

Date/Time 08/14/25 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 08/14/25 17:35

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

2196818

WorkList Name : %1-081425

WorkList ID : 191267

Department : Wet-Chemistry

Date : 08-14-2025 08:39:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2870-01	DRIL CUTTING 1-5 COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	J22	08/13/2025	Chemtech -SO
Q2870-02	DRIL CUTTING 1-5 COMP-EPT	Solid	Percent Solids	Cool 4 deg C	PSEG03	J22	08/13/2025	Chemtech -SO
Q2870-03	DRIL CUTTING 1-5 COMP-EPT	Solid	Percent Solids	Cool 4 deg C	PSEG03	J22	08/13/2025	Chemtech -SO
Q2870-04	DRIL CUTTING 6-9 COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	J22	08/13/2025	Chemtech -SO
Q2870-05	DRIL CUTTING 6-9 COMP-EPT	Solid	Percent Solids	Cool 4 deg C	PSEG03	J22	08/13/2025	Chemtech -SO
Q2870-06	DRIL CUTTING 6-9 COMP-EPT	Solid	Percent Solids	Cool 4 deg C	PSEG03	J22	08/13/2025	Chemtech -SO
Q2871-01	DRIL CUTTING 1-3 COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	J22	08/13/2025	Chemtech -SO
Q2871-02	DRIL CUTTING 1-3 -EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J33	08/13/2025	Chemtech -SO
Q2871-03	DRIL CUTTING 1-3-EPH3	Solid	Percent Solids	Cool 4 deg C	PSEG03	J31	08/13/2025	Chemtech -SO
Q2871-04	DRIL CUTTING 4-6 COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	J31	08/13/2025	Chemtech -SO
Q2871-05	DRIL CUTTING 4-6-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J33	08/13/2025	Chemtech -SO
Q2871-06	DRIL CUTTING 4-6-EPH-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	J31	08/13/2025	Chemtech -SO
Q2871-07	DRIL CUTTING 1-5 COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	J31	08/13/2025	Chemtech -SO
Q2871-08	DRIL CUTTING 1-5-EPH2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J33	08/13/2025	Chemtech -SO
Q2871-09	DRIL CUTTING 1-5-EPH3	Solid	Percent Solids	Cool 4 deg C	PSEG03	J31	08/13/2025	Chemtech -SO
Q2872-01	DRIL CUTTING 1-2 COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	J31	08/13/2025	Chemtech -SO
Q2872-02	DRIL CUTTING 1-2-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J33	08/13/2025	Chemtech -SO
Q2872-03	DRIL CUTTING 1-2-EPH-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	J33	08/13/2025	Chemtech -SO
Q2873-01	DRIL CUTTING 1-3 COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	08/13/2025	Chemtech -SO
Q2873-02	DRIL CUTTING 1-3-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	08/13/2025	Chemtech -SO
Q2873-03	DRIL CUTTING 1-3-EPH-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	08/13/2025	Chemtech -SO

Date/Time 08-14-25 15:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 08-14-25 17:35
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

87126818

WorkList Name : %1-081425 WorkList ID : 191267 Department : Wet-Chemistry Date : 08-14-2025 08:39:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2873-04	DRIL CUTTING 4-6 COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	08/13/2025	Chemtech -SO
Q2873-05	DRIL CUTTING 4-6-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	08/13/2025	Chemtech -SO
Q2873-06	DRIL CUTTING 4-6-EPH-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	08/13/2025	Chemtech -SO
Q2874-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/14/2025	Chemtech -SO
Q2874-02	ELI-25-0086	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/14/2025	Chemtech -SO
Q2874-03	ELI-HQ-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/14/2025	Chemtech -SO
Q2875-01	SAND-BLAST-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/14/2025	Chemtech -SO
Q2875-02	SAND-BLAST-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/14/2025	Chemtech -SO
Q2876-01	CL-02-08142025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/14/2025	Chemtech -SO
Q2876-02	CL-02-08142025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/14/2025	Chemtech -SO
Q2877-01	EO-02-08142025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/14/2025	Chemtech -SO
Q2877-02	EO-02-08142025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/14/2025	Chemtech -SO

Date/Time 08-14-25 15:00
 Raw Sample Received by: SP WWC
 Raw Sample Relinquished by: Am SM

Date/Time 08-14-25 17:35
 Raw Sample Received by: Am SM
 Raw Sample Relinquished by: SP WWC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Extraction Start Date : 08/25/2025

Matrix : Solid

Extraction Start Time : 09:24

Weigh By: EH

Extraction By: RJ

Extraction End Date : 08/25/2025

Balance check: RJ

Filter By: RJ

Extraction End Time : 12:30

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel

☐ Continious Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	20 PPM	PP24583
Surrogate	1.0ML	20 PPM	PP24596
LOD	0.05ML	20 PPM	PP24583
LOD	0.125ML	20 PPM	PP24583
LOQ	0.25ML	20 PPM	PP24583

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2626
Baked Na2SO4	N/A	EP2632
Methylene Chloride	N/A	E3964
Sand	N/A	E3951
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

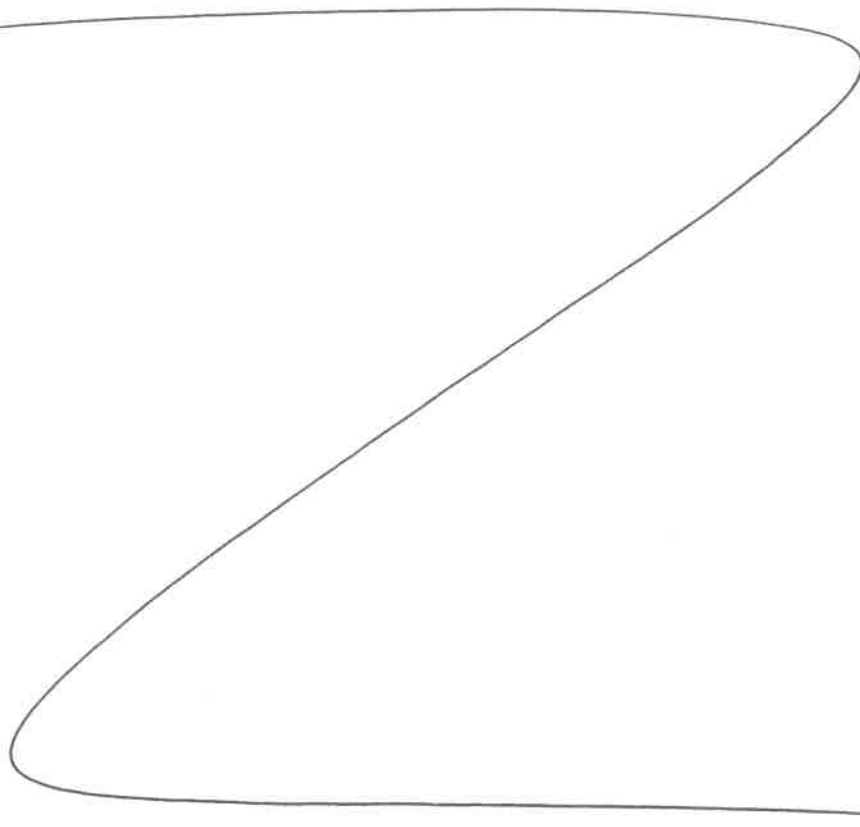
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/25/25	RS (B&B)	7-P-EST-IP43
12:35	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 08/25/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169373BL	PB169373BL	TPH GC	30.03	N/A	ritesh	Evelyn	1			U3-1
PB169373BS	PB169373BS	TPH GC	30.01	N/A	ritesh	Evelyn	1			2
Q2868-01	WASTE	TPH GC	30.05	N/A	ritesh	Evelyn	1			3
Q2868-01MS	WASTEMS	TPH GC	30.06	N/A	ritesh	Evelyn	1			4
Q2868-01MS D	WASTEMSD	TPH GC	30.08	N/A	ritesh	Evelyn	1			5
Q2893-04	LOD-MDL-SOIL-04-QT3-2 025 0.05ML	TPH GC	30.02	N/A	ritesh	Evelyn	1			6
Q2893-05	LOQ-SOIL-05-QT3-2025 0.25ML	TPH GC	30.01	N/A	ritesh	Evelyn	1			U4-1
Q2893-04	LOD-MDL-SOIL-04-QT3-2 025 0.125ML	1	30.03	1	1	1	1			2



RS
8/25

16424-77012
9-24-2025

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2868T WorkList ID : 191451 Department : Extraction Date : 08-25-2025 09:05:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2868-01	WASTE	Solid	TPH GC	Cool 4 deg C	SCIA01	J23	08/12/2025	8015D
Q2893-01	LOD-MDL-SOIL-01-QT3-2025	Solid	Diesel Range Organics	NONE	ALLI03	QA Of	08/18/2025	8015D
Q2893-02	LOQ-SOIL-02-QT3-2025	Solid	Diesel Range Organics	NONE	ALLI03	QA Of	08/18/2025	8015D
Q2893-04	LOD-MDL-SOIL-04-QT3-2025	Solid	TPH GC	NONE	ALLI03	QA Of	08/18/2025	8015D
Q2893-05	LOQ-SOIL-05-QT3-2025	Solid	TPH GC	NONE	ALLI03	QA Of	08/18/2025	8015D
Q2893-07	LOD-MDL-WATER-01-QT3-202	Water	Diesel Range Organics	NONE	ALLI03	QA Of	08/18/2025	8015D
Q2893-08	LOQ-WATER-02-QT3-2025	Water	Diesel Range Organics	NONE	ALLI03	QA Of	08/18/2025	8015D
Q2893-10	LOD-MDL-WATER-04-QT3-202	Water	TPH GC	NONE	ALLI03	QA Of	08/18/2025	8015D
Q2893-11	LOQ-WATER-05-QT3-2025	Water	TPH GC	NONE	ALLI03	QA Of	08/18/2025	8015D

Date/Time 8/25/25 9:15
Raw Sample Received by: RJ (Ext 666)
Raw Sample Relinquished by: JD (CSM)

Date/Time 8/25/25 9:45
Raw Sample Received by: JD (CSM)
Raw Sample Relinquished by: RJ (Ext 666)



SHIPPING DOCUMENTS

2 2868

507 Franklin Ave

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number N-114
COC Number

CLIENT INFORMATION			PROJECT INFORMATION		BILLING INFORMATION	
Report to be sent to:			PROJECT NAME:		BILL TO:	
COMPANY:			PROJECT #:		PO#:	
ADDRESS:			LOCATION:		ADDRESS:	
CITY: STATE: ZIP:			PROJECT MANAGER:		CITY: STATE: ZIP:	
ATTENTION:			E-MAIL:		ATTENTION:	
PHONE: FAX:			PHONE: FAX:		PHONE:	

DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION		ANALYSIS	
FAX (RUSH):	DAYS*	☐ Level 1 (Results Only)	☐ Level 4 (QC + Full Raw Data)		
HARDCOPY (DATA PACKAGE):	DAYS*	☐ Level 2 (Results + QC)	☐ NJ Reduced ☐ US EPA CLP		
EDD:	DAYS*	☐ Level 3 (Results + QC + Raw Data)	☐ NYS ASP A ☐ NYS ASP B		
*TO BE APPROVED BY CHEMTECH		☐ EDD FORMAT	☐ Other		
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS					

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles										← Specify Preservatives	
			COMB	GRAS	DATE	TIME		1	2	3	4	5	6	7	8	9	A-HCl	D-NaOH
																	B-HNO3	E-ICE
																	C-H2SO4	F-OTHER
1.	WASTE				8/11/25	7:45	1	X										
2.	VOC				8-11-25	9:15	1		X									
3.	1				8-11-25	2:30	1			X								
4.	2				8-11-25	10:15	1			X								
5.	3				8-11-25	9:30	1			X								
6.	4				8-11-25	10:15	1			X								
7.	5				8-11-25	9:15	1			X								
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER	DATE/TIME 8-13-25	RECEIVED BY 1428	Conditions of bottles or collars at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.8°
1.		1.	Comments:
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
2.		2.	
RELINQUISHED BY	DATE/TIME 8-13-25	RECEIVED FOR LAB BY	Page ____ of ____
3.		3.	CLIENT: ☐ Hand Delivered ☐ Other: _____
			CHEMTECH: ☐ Picked Up
			Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

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	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2868	SCIA01	Order Date : 8/14/2025 9:08:00 AM	Project Mgr :
Client Name : Sciacca General Contractor		Project Name : 11 Newman Ave Nutley	Report Type : Results Only
Client Contact : Rosanne Scirica		Receive DateTime : 8/13/2025 6:18:00 PM	EDD Type : EXCEL NJCLEANUP
Invoice Name : Sciacca General Contractor		Purchase Order :	Hard Copy Date :
Invoice Contact : Rosanne Scirica			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2868-02	VOC	Solid	08/12/2025	08:00	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By : 

Date / Time : 8/14/25 0930

Received By : 

Date / Time : 08/14/25 9:30

Storage Area : VOA Refridgerator Room

